

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056296.D
 Acq On : 13 Jun 2019 21:05
 Operator : JC/SP
 Sample : K3345-09MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 01:15:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	314614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	485562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	432982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	184011	58.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.82%	
35) Dibromofluoromethane	7.59	113	164743	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	
50) Toluene-d8	10.09	98	598977	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.40	95	201733	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	167038	48.340	ug/l 100
3) Chloromethane	2.06	50	179456	52.620	ug/l 98
4) Vinyl Chloride	2.18	62	182690	53.403	ug/l 98
5) Bromomethane	2.53	94	82291	38.080	ug/l 100
6) Chloroethane	2.68	64	106456	53.672	ug/l 99
7) Trichlorofluoromethane	3.00	101	232206	53.170	ug/l 99
8) Diethyl Ether	3.40	74	94142	52.419	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	144657	54.528	ug/l 98
10) Methyl Iodide	3.94	142	137924	32.715	ug/l 100
11) Tert butyl alcohol	4.82	59	154501	284.209	ug/l 100
12) 1,1-Dichloroethene	3.72	96	142490	53.950	ug/l 98
13) Acrolein	3.60	56	36131	230.451	ug/l 97
14) Allyl chloride	4.31	41	233279	55.936	ug/l 97
15) Acrylonitrile	4.99	53	434349	328.227	ug/l 99
16) Acetone	3.82	43	355425	237.895	ug/l 99
17) Carbon Disulfide	4.04	76	310366	49.079	ug/l 100
18) Methyl Acetate	4.33	43	177094	60.465	ug/l 99
19) Methyl tert-butyl Ether	5.05	73	479306	56.933	ug/l 94
20) Methylene Chloride	4.54	84	172983	56.198	ug/l 98
21) trans-1,2-Dichloroethene	5.03	96	148522	52.484	ug/l 97
22) Diisopropyl ether	5.96	45	499863	57.982	ug/l 98
23) Vinyl Acetate	5.90	43	1727242	254.415	ug/l 100
24) 1,1-Dichloroethane	5.84	63	290846	58.486	ug/l 99
25) 2-Butanone	6.84	43	568982	301.420	ug/l 98
26) 2,2-Dichloropropane	6.82	77	144666	37.281	ug/l 97
27) cis-1,2-Dichloroethene	6.83	96	181362	54.521	ug/l 98
28) Bromochloromethane	7.19	49	143801	61.147	ug/l 94
29) Tetrahydrofuran	7.22	42	383132	328.348	ug/l 98
30) Chloroform	7.37	83	292118	58.393	ug/l 100
31) Cyclohexane	7.65	56	256073	51.660	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	236002	56.494	ug/l 98
36) 1,1-Dichloropropene	7.79	75	203840	48.822	ug/l 99
37) Ethyl Acetate	6.94	43	194871	52.457	ug/l 98
38) Carbon Tetrachloride	7.77	117	199846	51.918	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	250034	48.074	ug/l	100
40) Benzene	8.04	78	658590	51.936	ug/l	100
41) Methacrylonitrile	7.18	41	115405	67.520	ug/l	97
42) 1,2-Dichloroethane	8.12	62	217631	53.354	ug/l	100
43) Isopropyl Acetate	8.17	43	314911	52.312	ug/l #	92
44) Trichloroethene	8.83	130	179944	49.383	ug/l	100
45) 1,2-Dichloropropane	9.12	63	182068	56.053	ug/l	100
46) Dibromomethane	9.21	93	116441	54.821	ug/l	97
47) Bromodichloromethane	9.40	83	222225	57.727	ug/l	99
48) Methyl methacrylate	9.20	41	176099	59.794	ug/l	97
49) 1,4-Dioxane	9.20	88	70761	1112.932	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1136920	302.010	ug/l	99
52) Toluene	10.16	92	407063	51.587	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	210791	46.862	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	245120	52.973	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	174453	55.813	ug/l	98
56) Ethyl methacrylate	10.43	69	258028	56.585	ug/l	99
57) 1,3-Dichloropropane	10.71	76	285182	56.125	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.72	63	240	14.999	ug/l #	46
59) 2-Hexanone	10.75	43	781891	286.572	ug/l	100
60) Dibromochloromethane	10.90	129	179377	51.934	ug/l	99
61) 1,2-Dibromoethane	11.00	107	178003	55.706	ug/l	98
64) Tetrachloroethene	10.63	164	160597	42.849	ug/l	99
65) Chlorobenzene	11.43	112	447028	51.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	166296	55.890	ug/l	99
67) Ethyl Benzene	11.51	91	1076258	71.827	ug/l	100
68) m/p-Xylenes	11.62	106	686641	119.958	ug/l	99
69) o-Xylene	11.95	106	284388	50.508	ug/l	99
70) Styrene	11.96	104	476558	53.270	ug/l	100
71) Bromoform	12.13	173	132712	52.955	ug/l #	100
73) Isopropylbenzene	12.25	105	822582	63.546	ug/l	100
74) N-amyl acetate	12.07	43	234935	48.031	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	245628	57.663	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	277699	82.247	ug/l #	100
77) Bromobenzene	12.53	156	201168	51.206	ug/l	99
78) n-propylbenzene	12.59	91	873913	56.296	ug/l	100
79) 2-Chlorotoluene	12.67	91	505801	59.168	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	643704	52.174	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	53168	52.440	ug/l	89
82) 4-Chlorotoluene	12.77	91	475226	52.326	ug/l	99
83) tert-Butylbenzene	12.99	119	546371	57.485	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	757259	64.725	ug/l	100
85) sec-Butylbenzene	13.17	105	706902	51.420	ug/l	100
86) p-Isopropyltoluene	13.29	119	620908	50.465	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	312287	51.360	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	297523	50.867	ug/l	99
89) n-Butylbenzene	13.61	91	462183	50.709	ug/l	99
90) Hexachloroethane	13.87	117	109821	59.187	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	312326	50.877	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38662	63.456	ug/l	99

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Response via : Initial Calibration

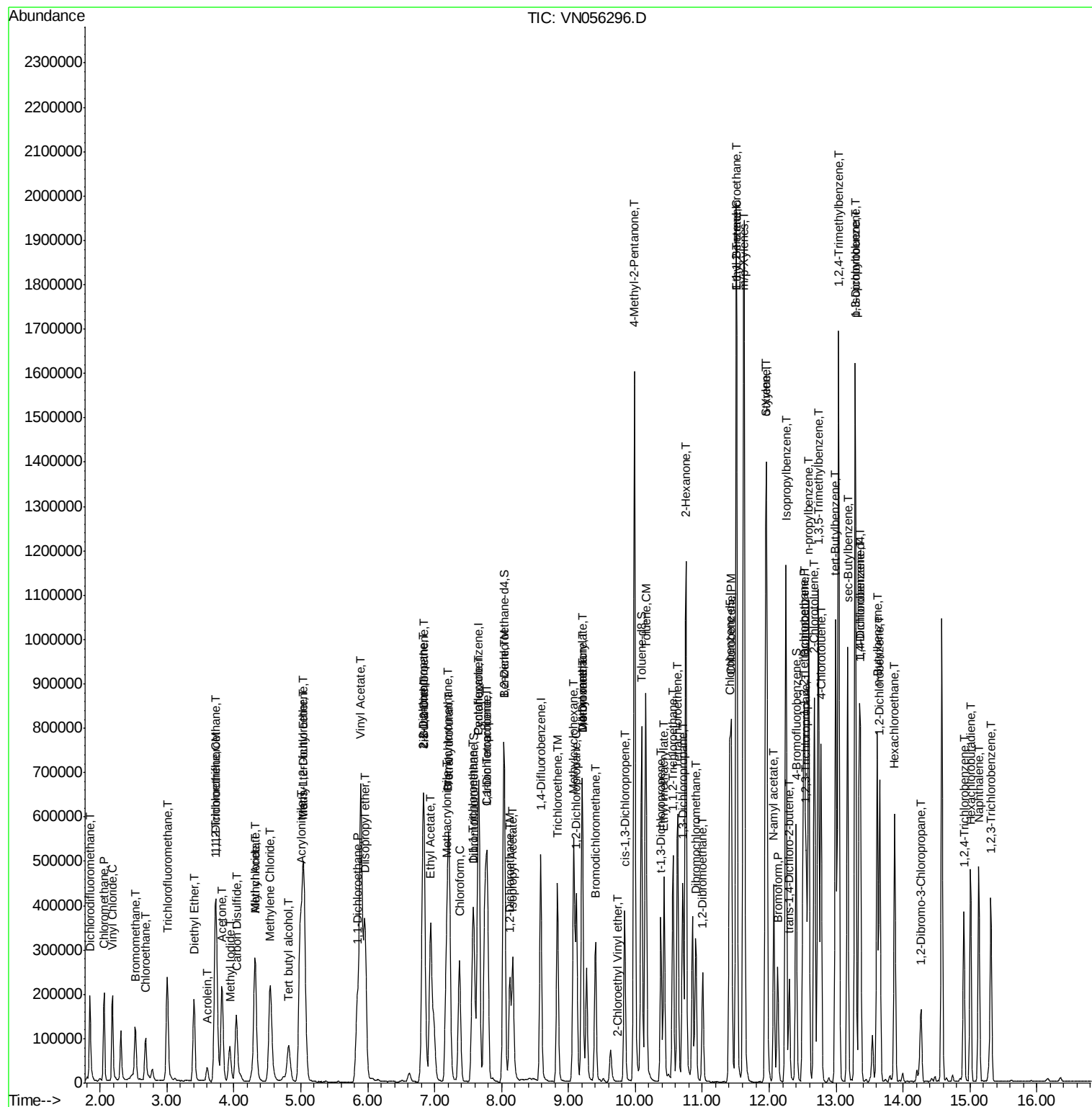
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	134938	40.752	ug/l	99
94) Hexachlorobutadiene	15.01	225	104179	49.457	ug/l	99
95) Naphthalene	15.13	128	437191	49.827	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	155647	45.441	ug/l	99

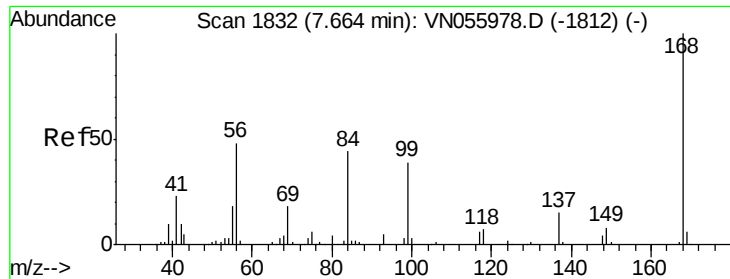
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

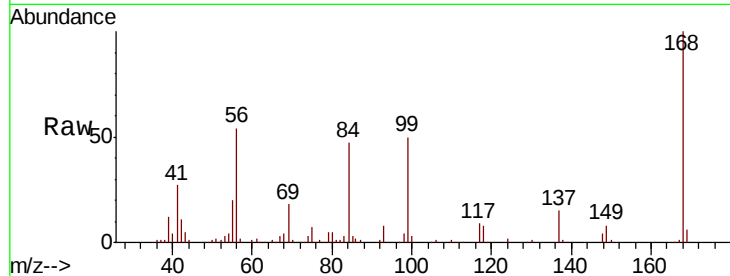
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 314614

Ion Ratio Lower Upper

168 100

99 49.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

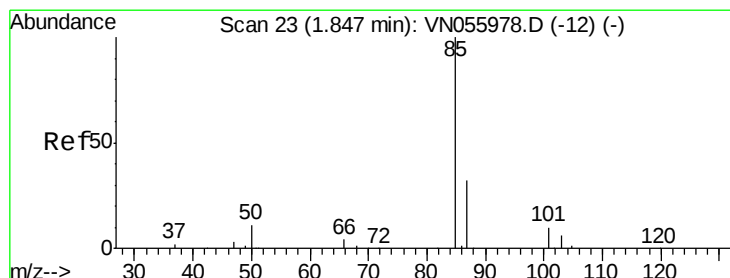
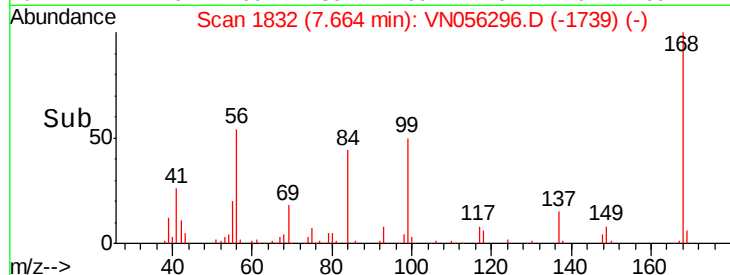
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.340 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056296.D

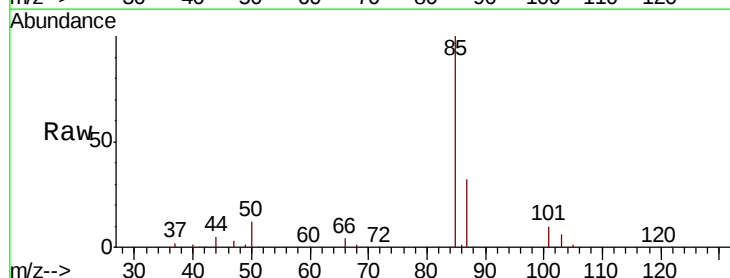
Acq: 13 Jun 2019 21:05

Tgt Ion: 85 Resp: 167038

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

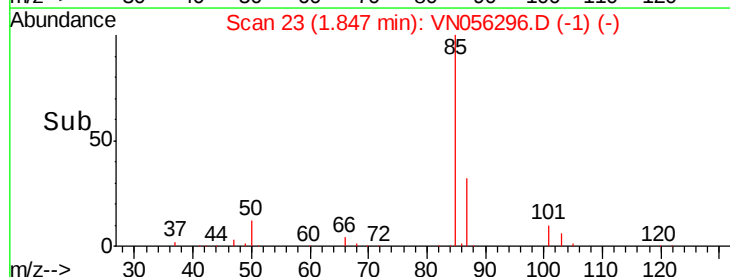
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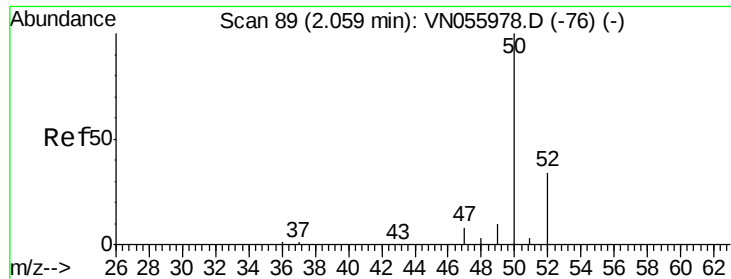
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Time-->

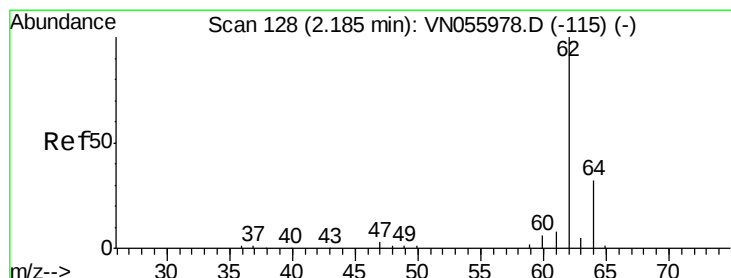
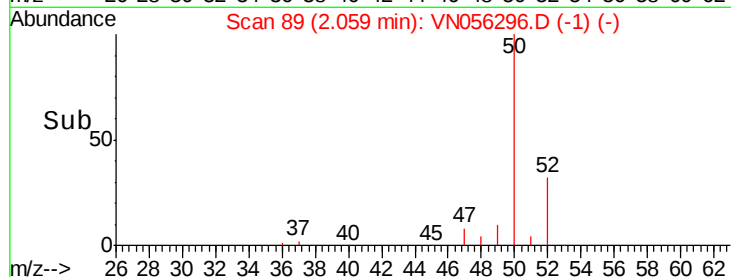
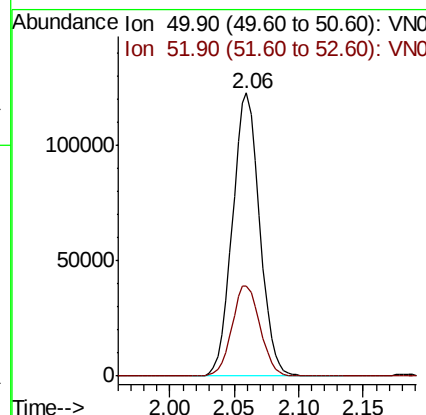
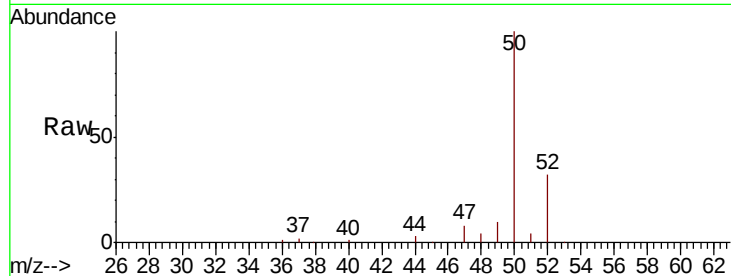




#3
 Chloromethane
 Concen: 52.620 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

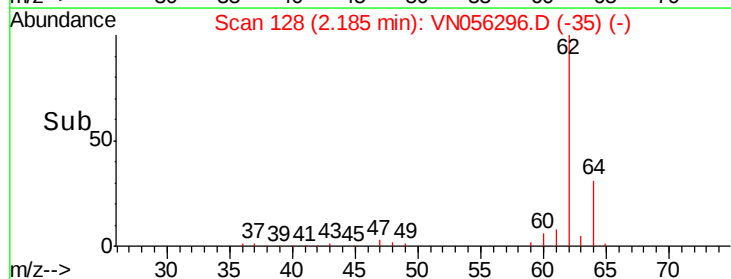
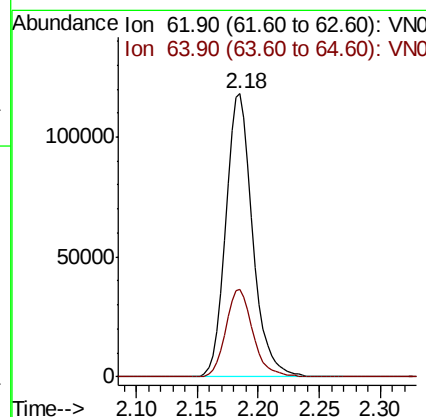
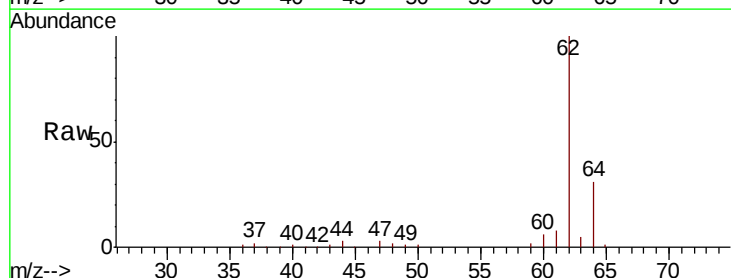
Instrument :
 MSVOA_N
 ClientSampled :

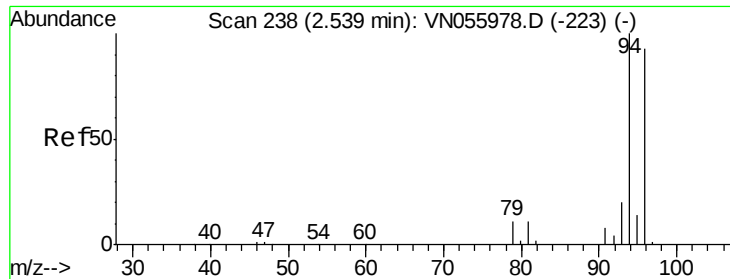
Tot Ion: 50 Resp: 179456
 Ion Ratio Lower Upper
 50 100
 52 32.0 26.6 40.0



#4
 Vinyl Chloride
 Concen: 53.403 ug/l
 RT: 2.18 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion: 62 Resp: 182690
 Ion Ratio Lower Upper
 62 100
 64 30.9 25.6 38.4

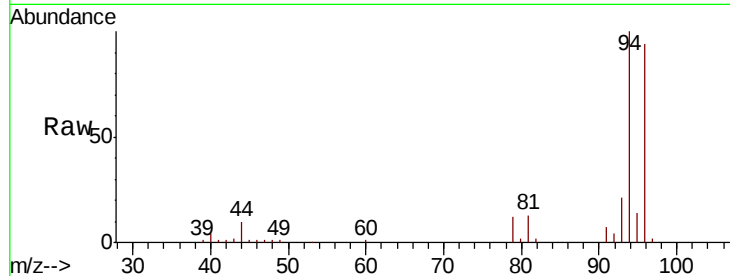




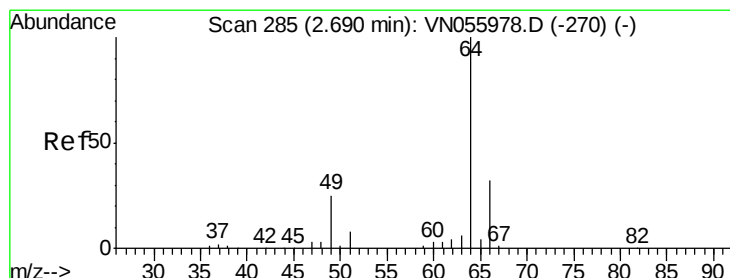
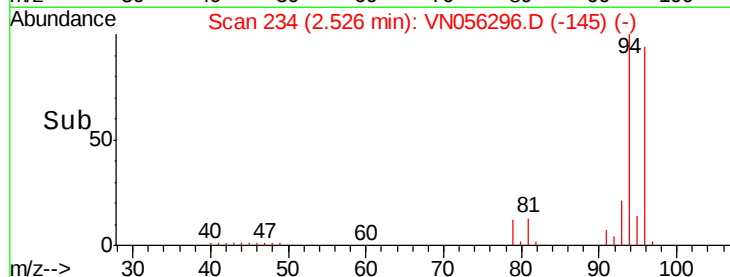
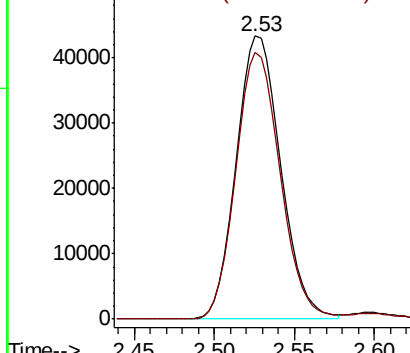
#5
Bromomethane
Concen: 38.080 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 82291
Ion Ratio Lower Upper
94 100
96 94.4 75.5 113.3

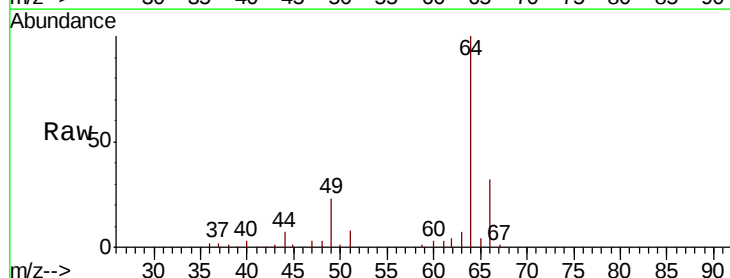


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

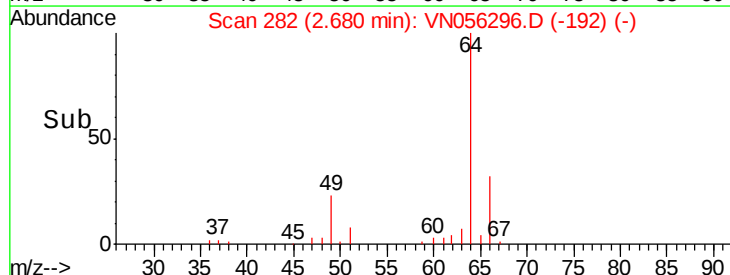
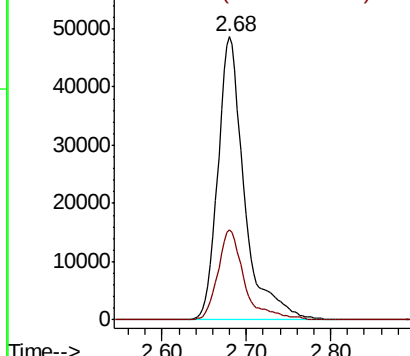


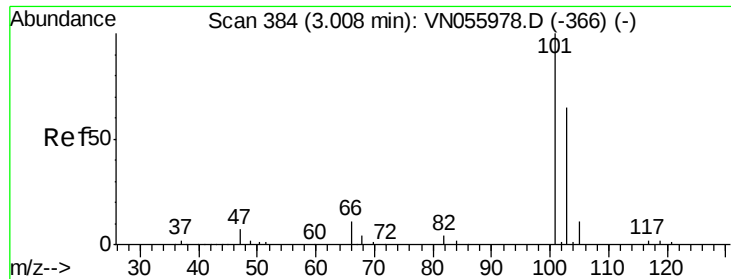
#6
Chloroethane
Concen: 53.672 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 64 Resp: 106456
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



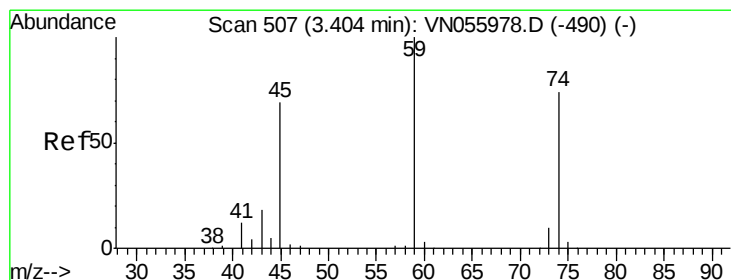
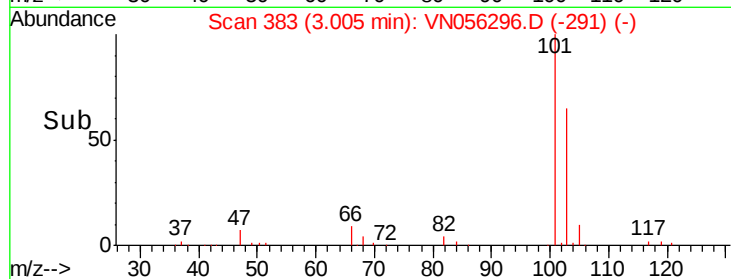
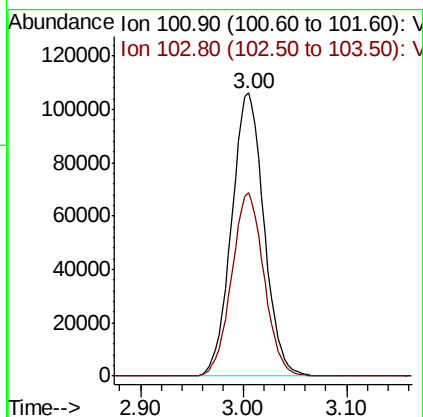
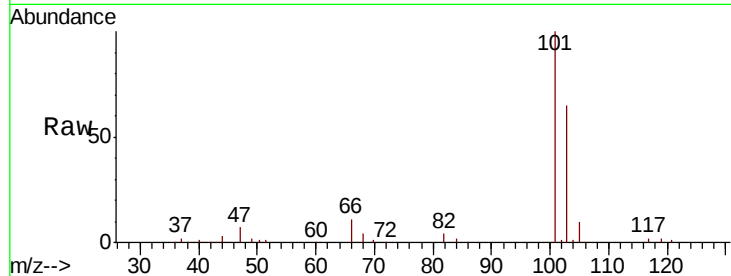


#7

Trichlorofluoromethane
Concen: 53.170 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampled :

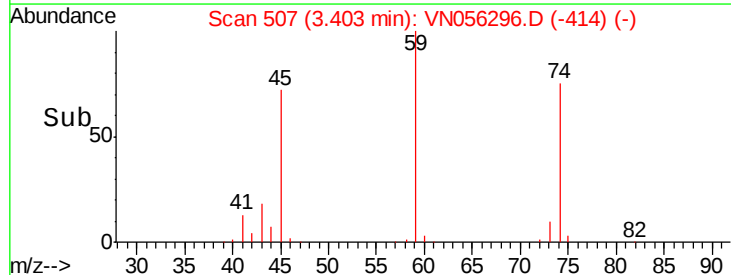
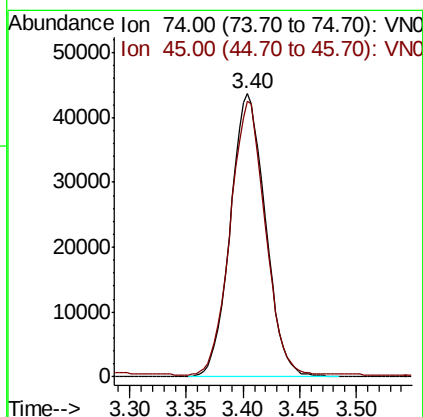
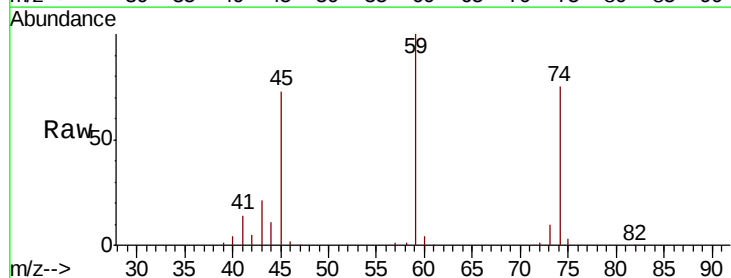
Tot Ion:101 Resp: 232206
Ion Ratio Lower Upper
101 100
103 64.7 51.2 76.8

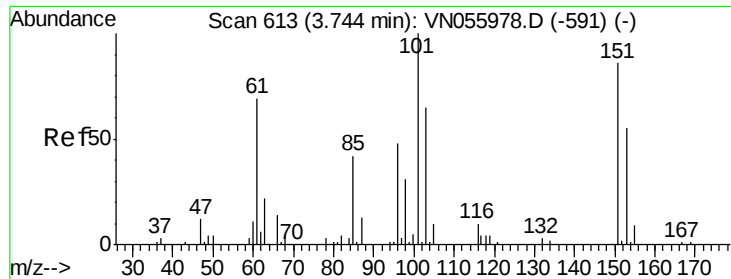


#8

Diethyl Ether
Concen: 52.419 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 74 Resp: 94142
Ion Ratio Lower Upper
74 100
45 96.7 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.528 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

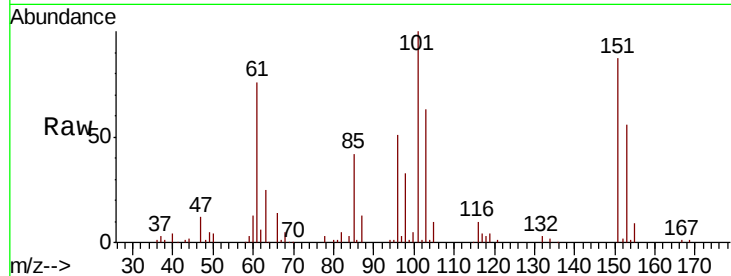
Tot Ion:101 Resp: 144657

Ion Ratio Lower Upper

101 100

85 40.9 33.4 50.2

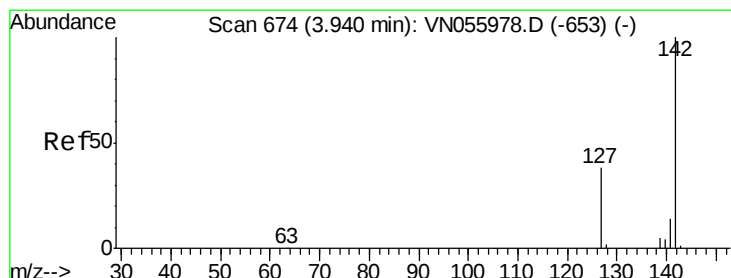
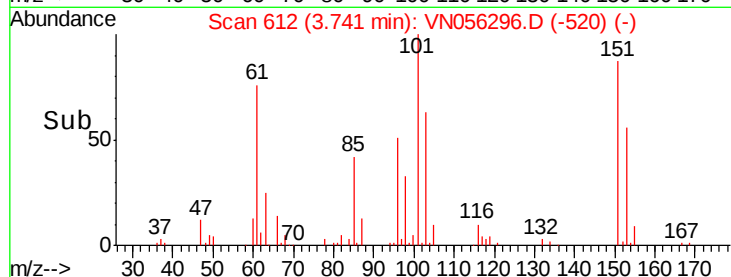
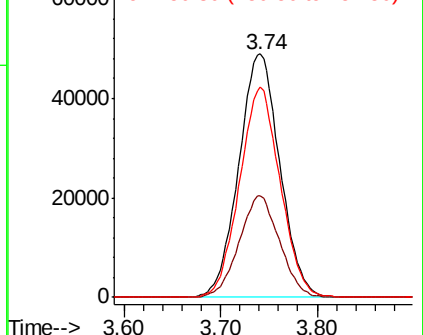
151 85.3 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 32.715 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

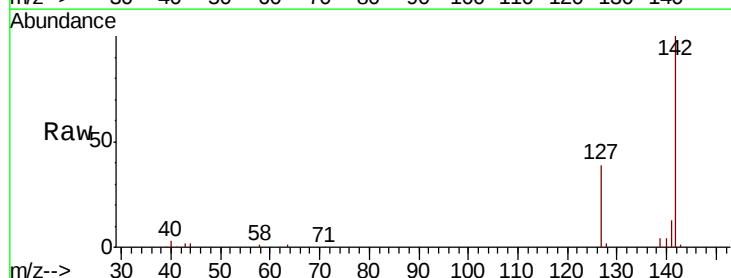
Tgt Ion:142 Resp: 137924

Ion Ratio Lower Upper

142 100

127 38.8 31.0 46.4

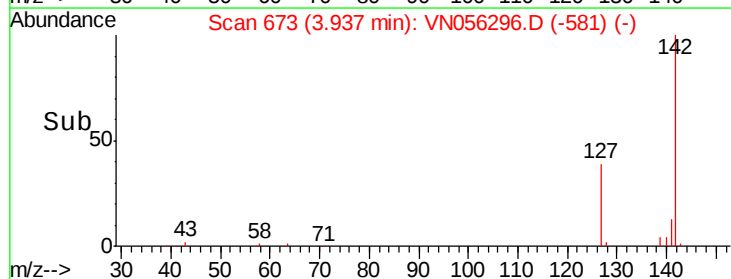
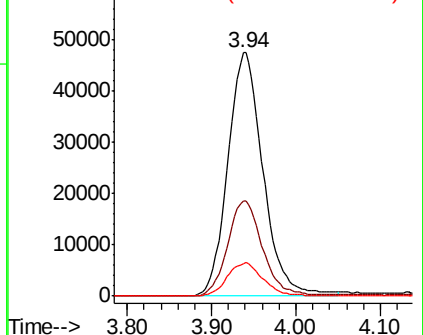
141 13.8 11.4 17.0

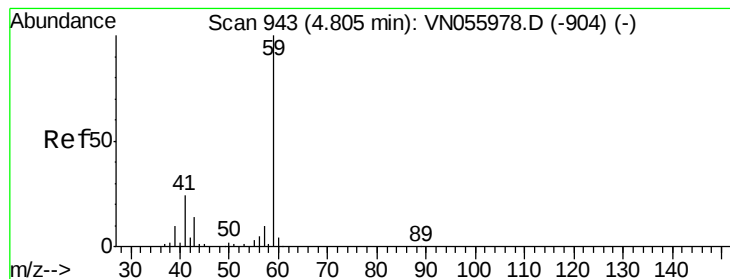


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



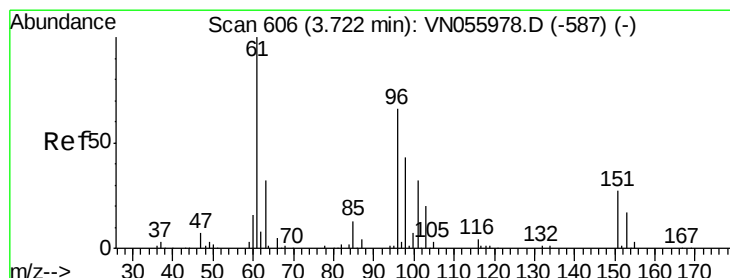
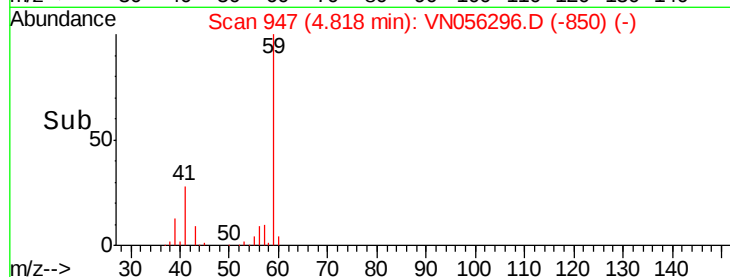
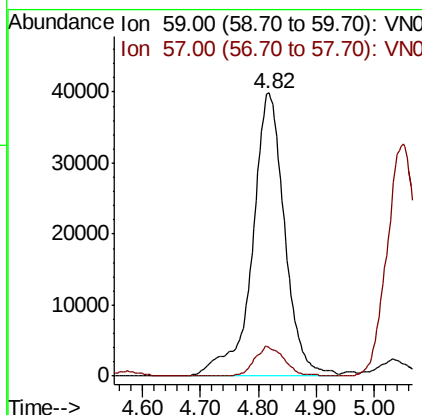
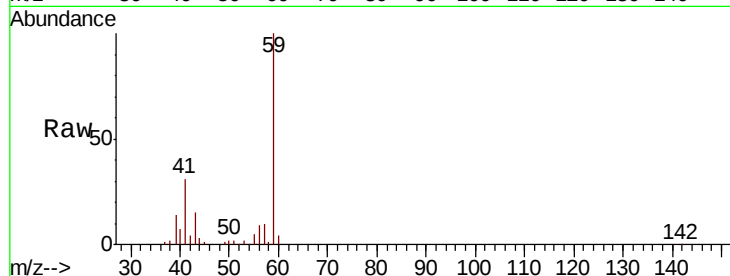


#11

Tert butyl alcohol
 Concen: 284.209 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :

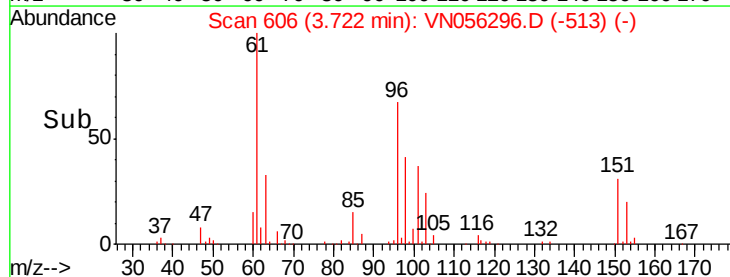
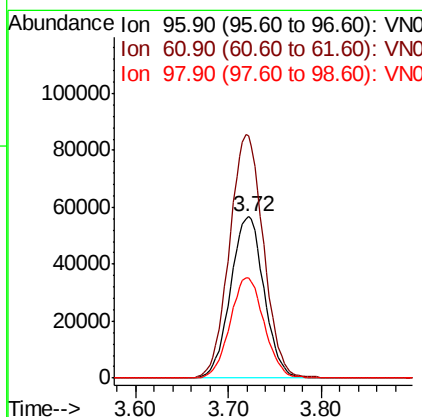
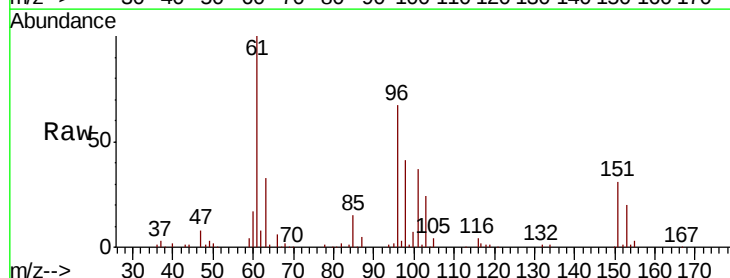
Tot Ion: 59 Resp: 154501
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.6

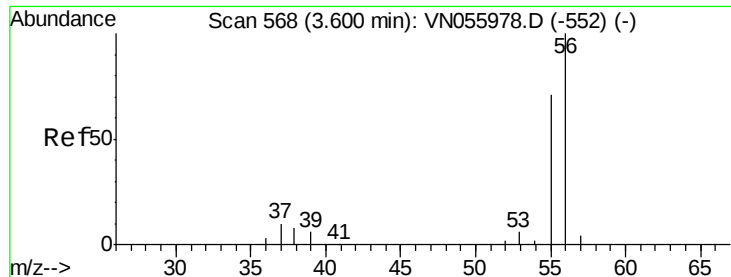


#12

1,1-Dichloroethene
 Concen: 53.950 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion: 96 Resp: 142490
 Ion Ratio Lower Upper
 96 100
 61 150.3 123.2 184.8
 98 61.9 50.4 75.6





#13

Acrolein

Concen: 230.451 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

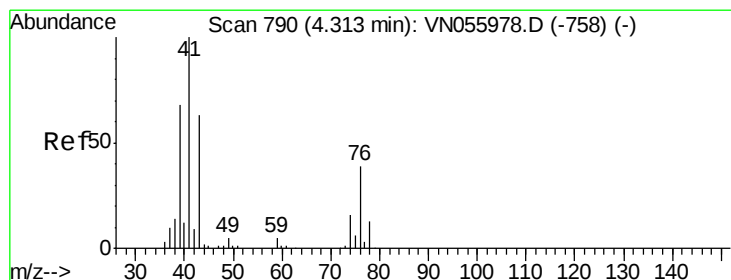
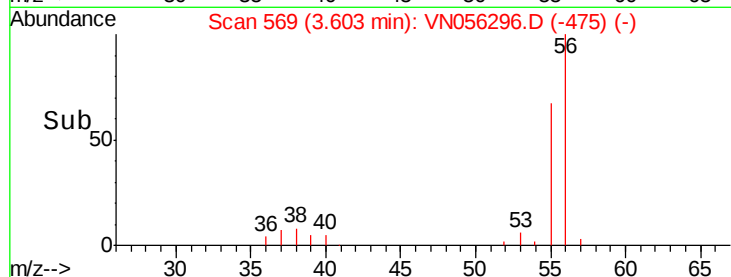
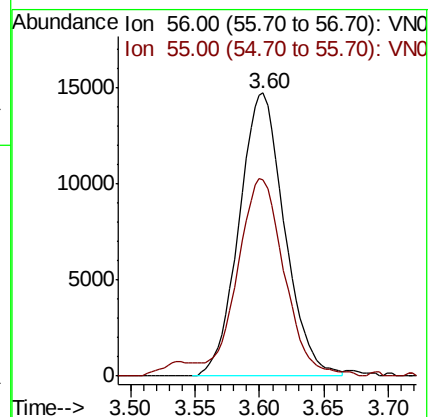
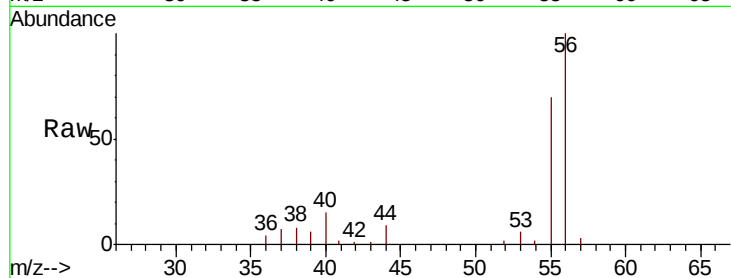
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 36131

Ion Ratio Lower Upper

56 100

55 71.6 55.4 83.2



#14

Allyl chloride

Concen: 55.936 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

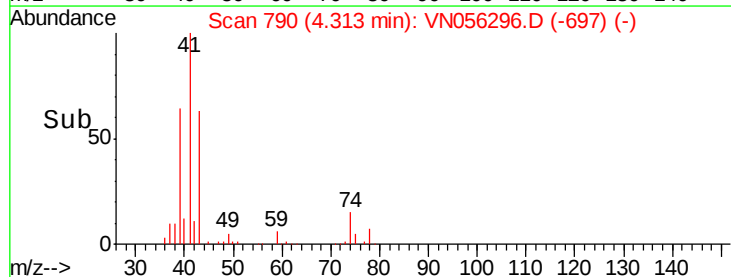
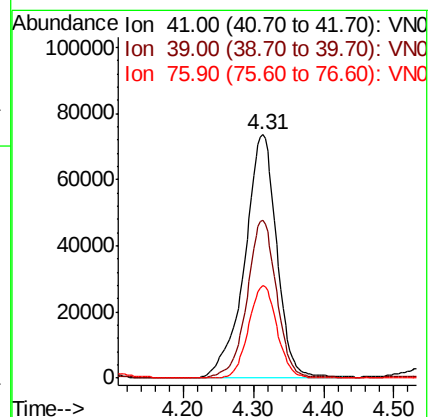
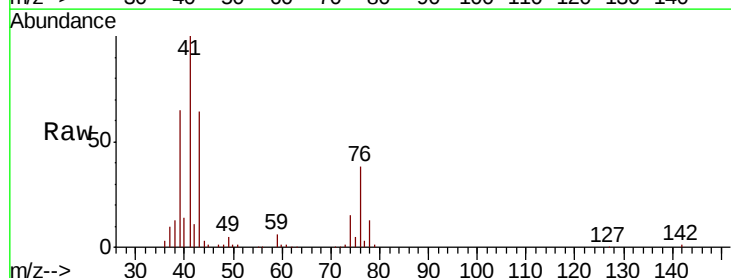
Tgt Ion: 41 Resp: 233279

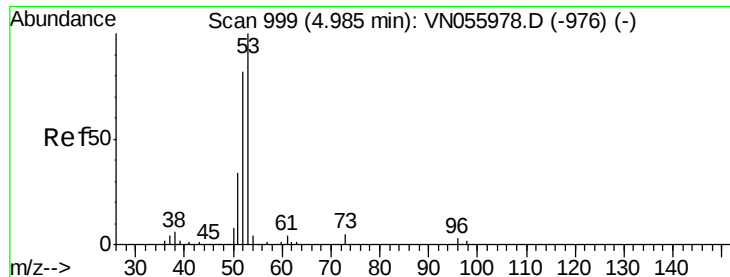
Ion Ratio Lower Upper

41 100

39 59.7 50.0 75.0

76 33.6 28.2 42.2





#15

Acrylonitrile

Concen: 328.227 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

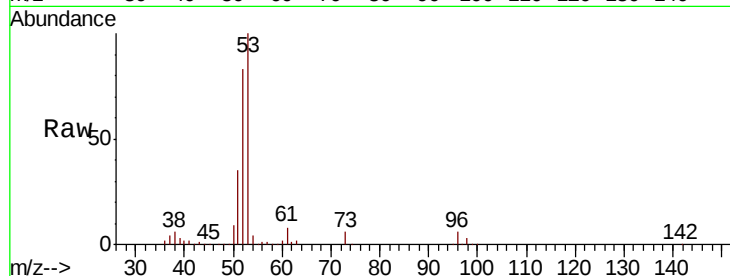
Tot Ion: 53 Resp: 434349

Ion Ratio Lower Upper

53 100

52 82.8 65.8 98.8

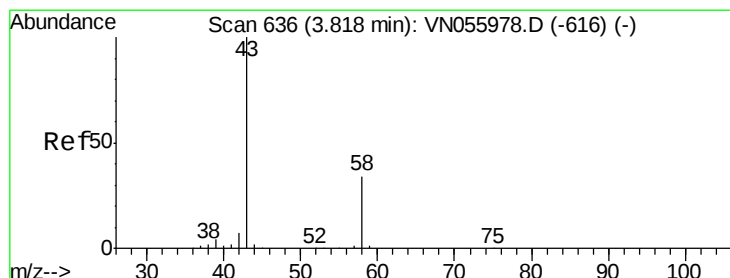
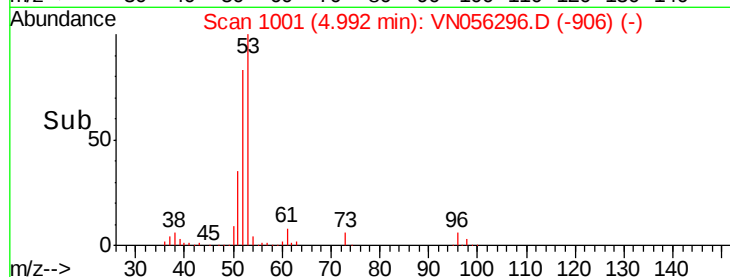
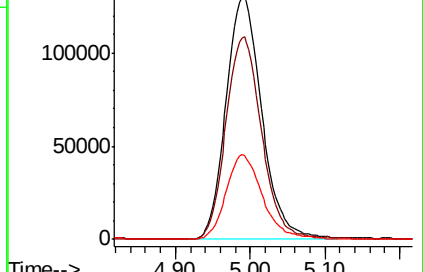
51 35.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055978.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN055978.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN055978.D (-976) (-)



#16

Acetone

Concen: 237.895 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056296.D

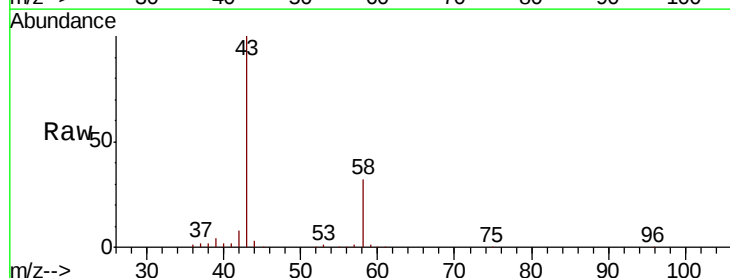
Acq: 13 Jun 2019 21:05

Tgt Ion: 43 Resp: 355425

Ion Ratio Lower Upper

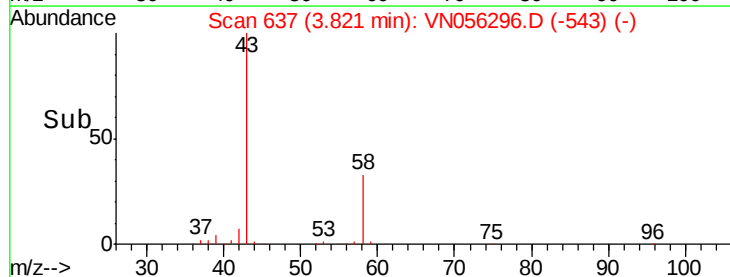
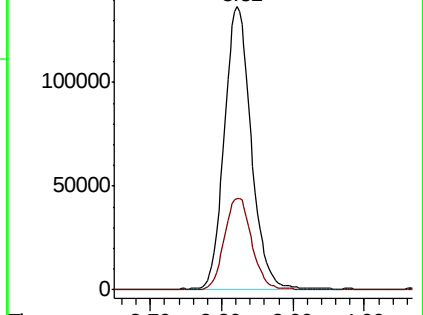
43 100

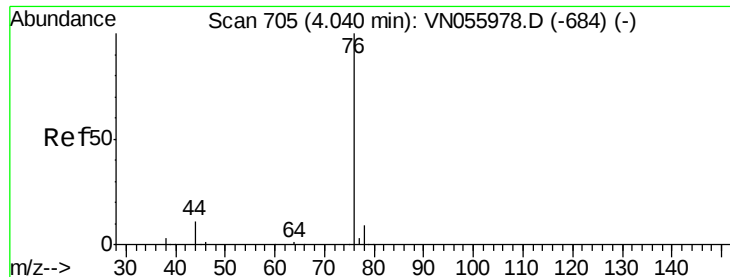
58 32.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

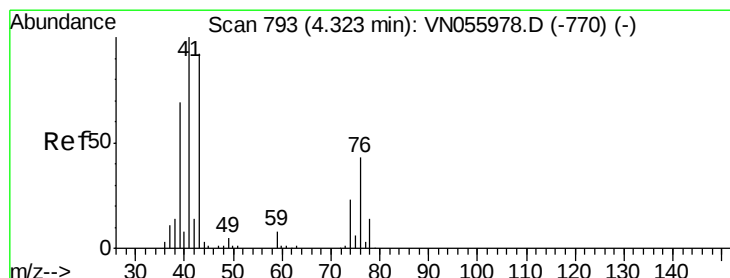
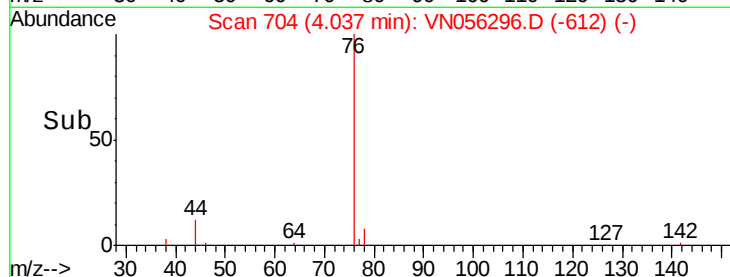
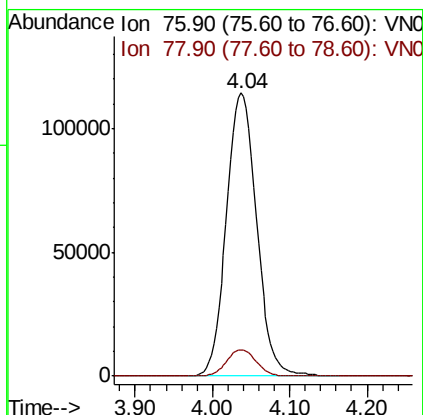
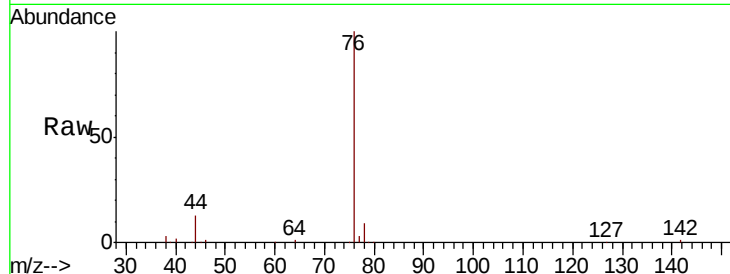




#17
Carbon Disulfide
Concen: 49.079 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

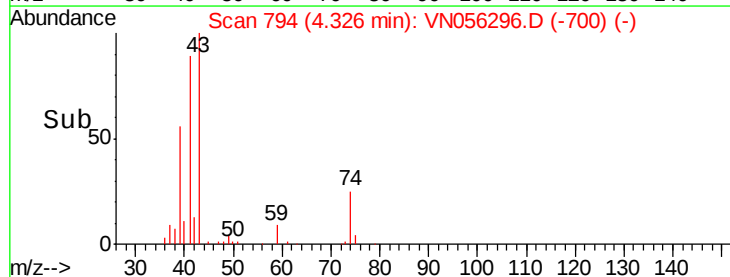
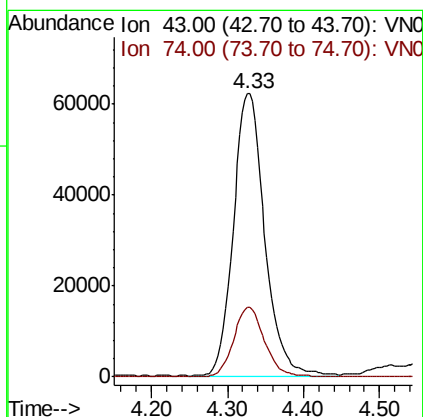
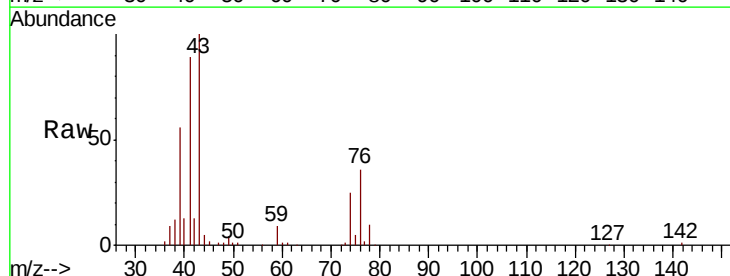
Instrument :
MSVOA_N
ClientSampled :

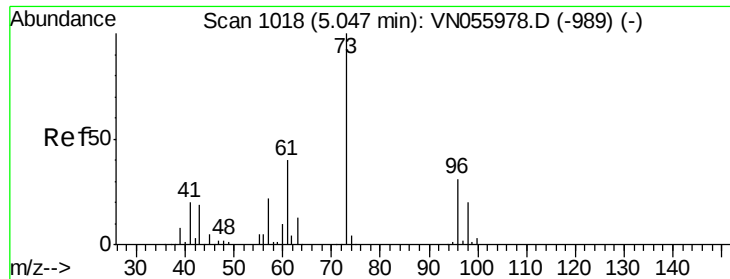
Tot Ion: 76 Resp: 310366
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 60.465 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 43 Resp: 177094
Ion Ratio Lower Upper
43 100
74 24.5 19.3 28.9

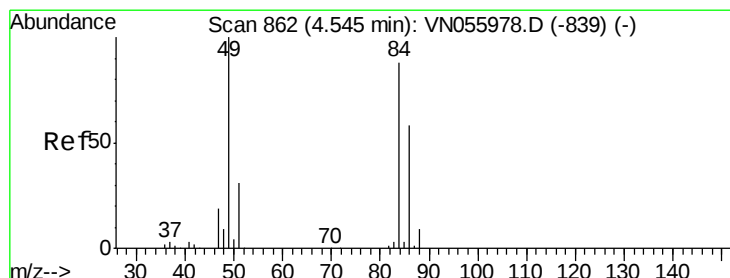
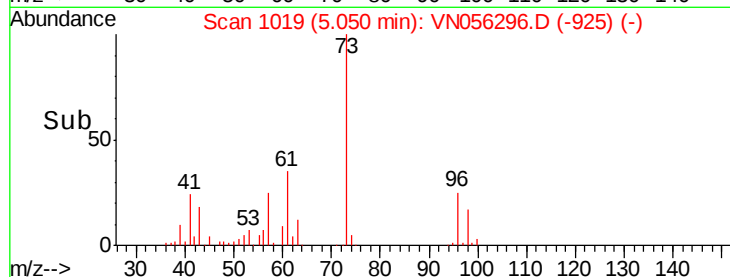
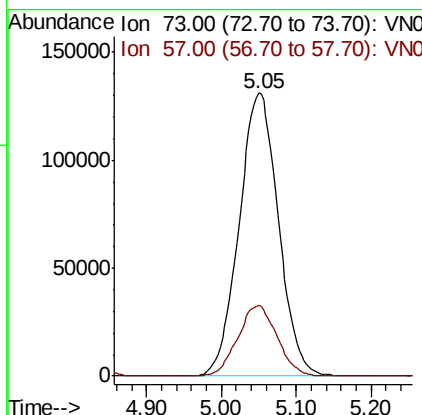
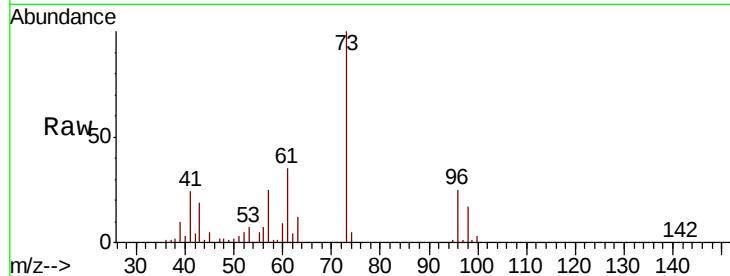




#19
Methvl tert-butvl Ether
Concen: 56.933 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

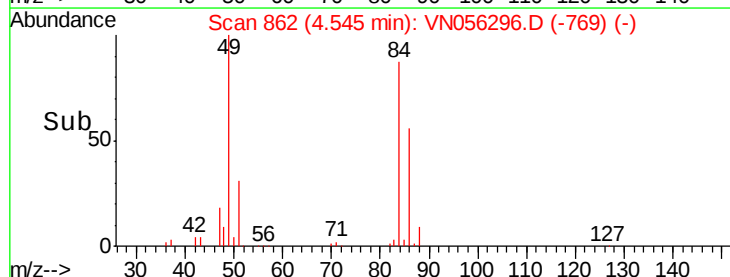
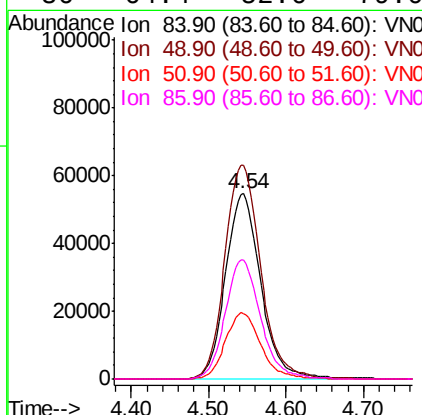
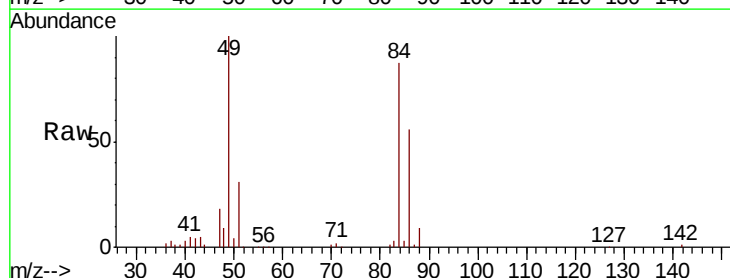
Instrument :
MSVOA_N
ClientSampled :

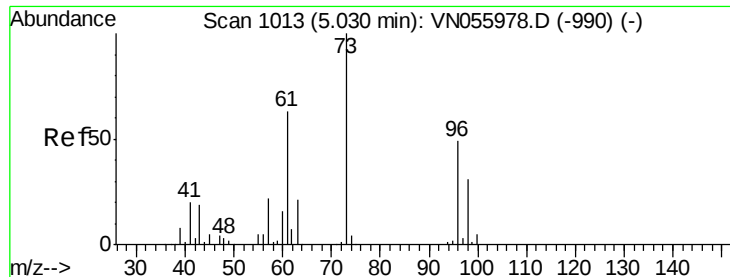
Tot Ion: 73 Resp: 479306
Ion Ratio Lower Upper
73 100
57 25.0 17.8 26.8



#20
Methylene Chloride
Concen: 56.198 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 84 Resp: 172983
Ion Ratio Lower Upper
84 100
49 114.9 93.5 140.3
51 35.5 28.6 43.0
86 64.4 52.6 79.0

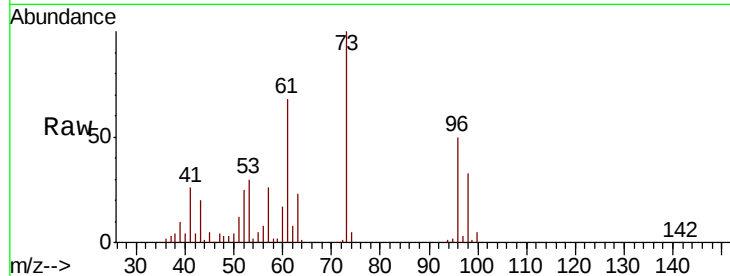




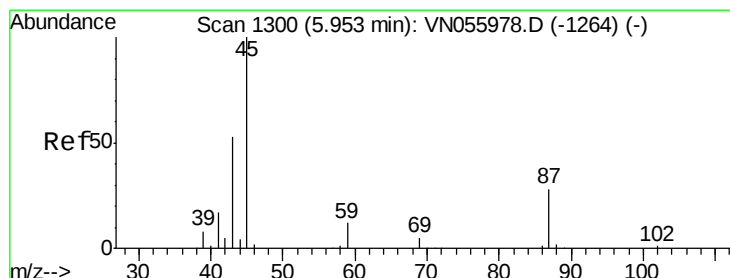
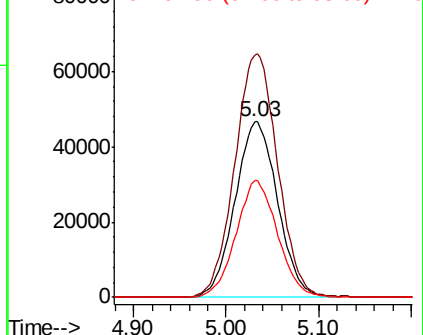
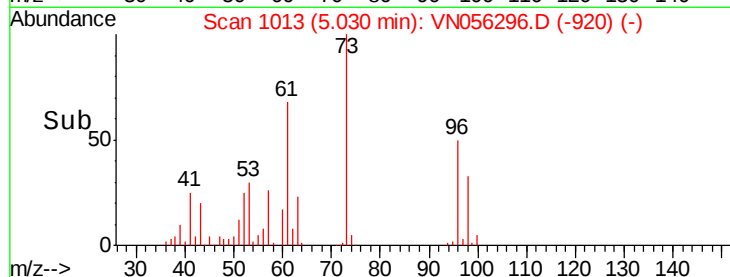
#21
trans-1,2-Dichloroethene
Concen: 52.484 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 148522
Ion Ratio Lower Upper
96 100
61 137.7 107.8 161.8
98 66.7 49.8 74.8

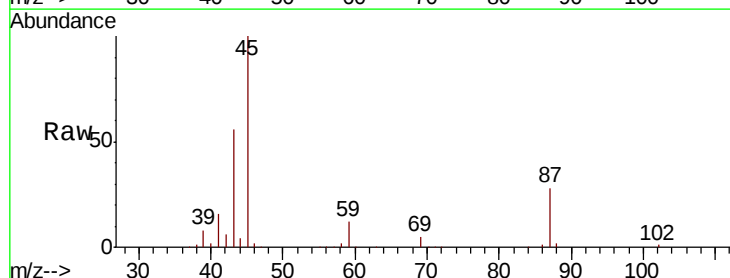


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

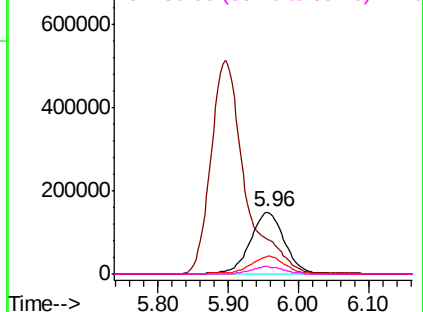
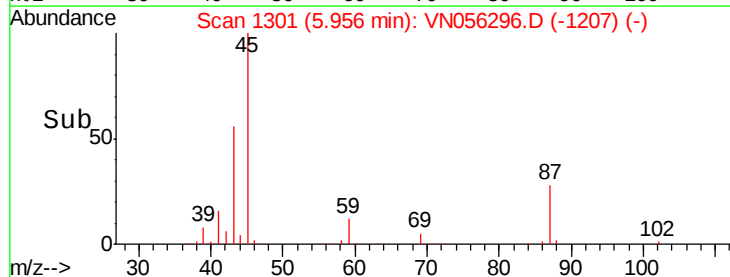


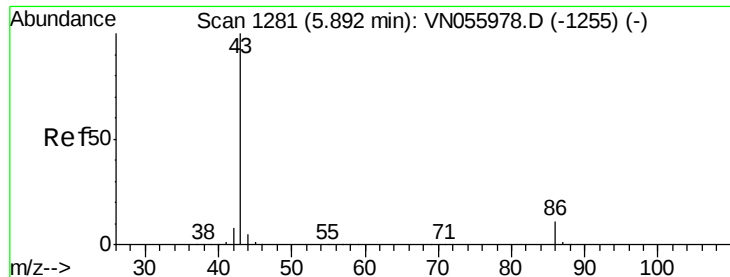
#22
Diisopropyl ether
Concen: 57.982 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 45 Resp: 499863
Ion Ratio Lower Upper
45 100
43 54.4 45.0 67.6
87 27.6 22.2 33.4
59 11.5 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

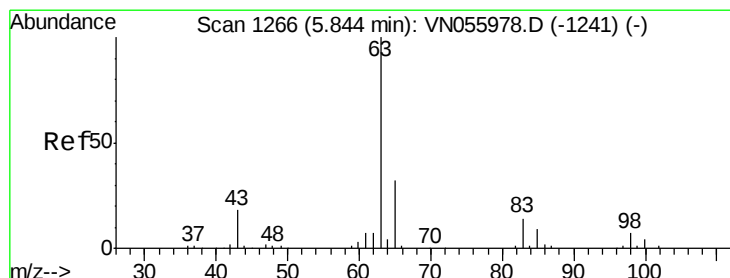
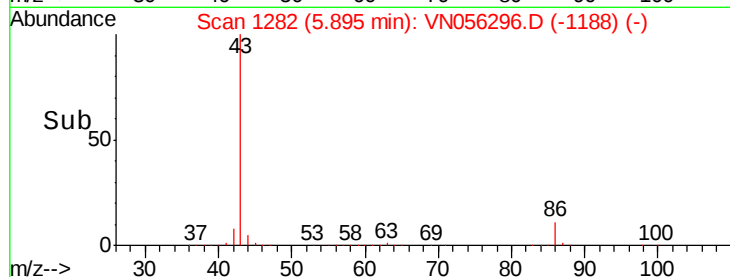
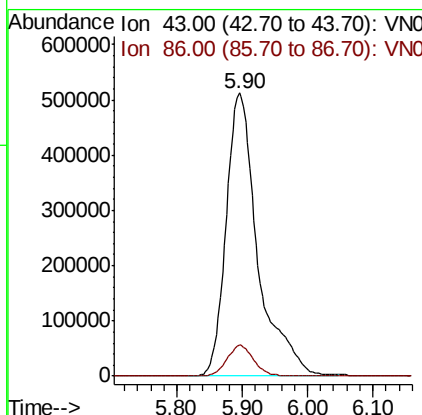
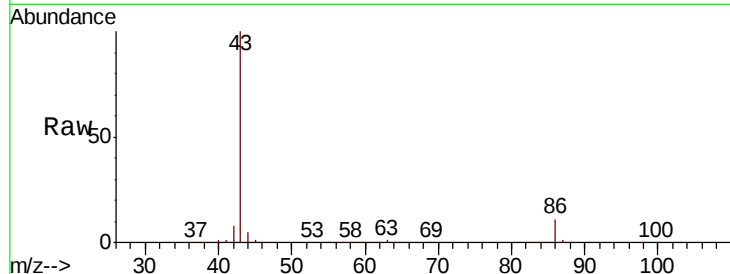




#23
 Vinyl Acetate
 Concen: 254.415 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

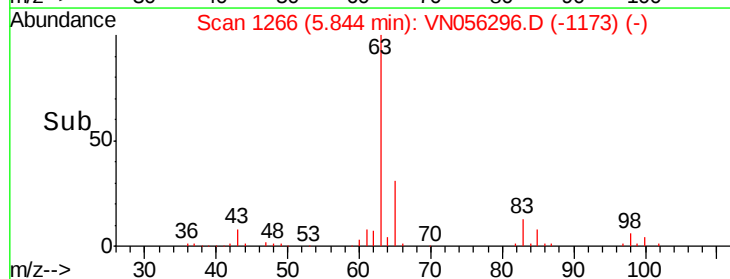
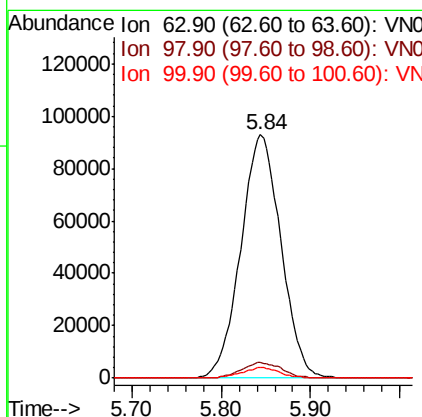
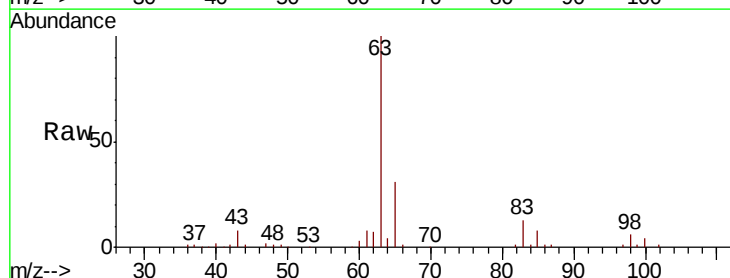
Instrument :
 MSVOA_N
 ClientSampled :

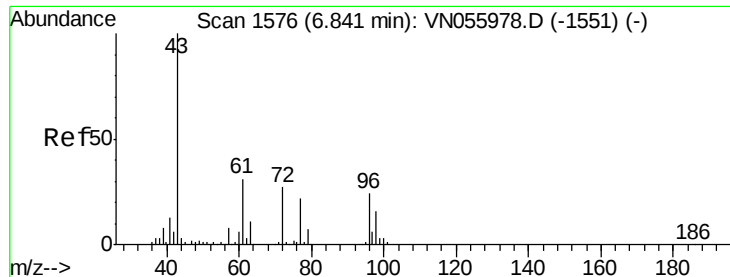
Tot Ion: 43 Resp: 1727242
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 58.486 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion: 63 Resp: 290846
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 4.2 2.2 6.6

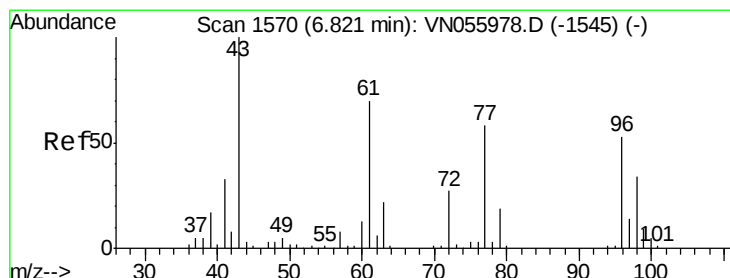
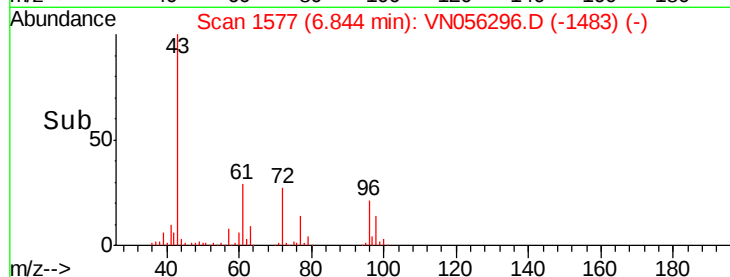
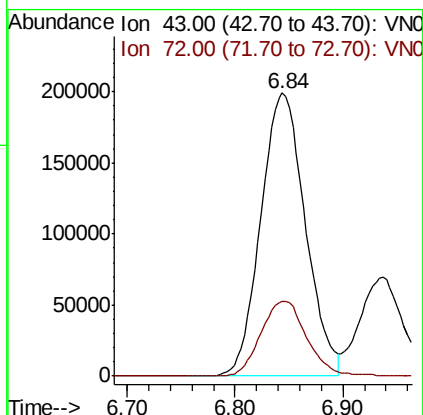
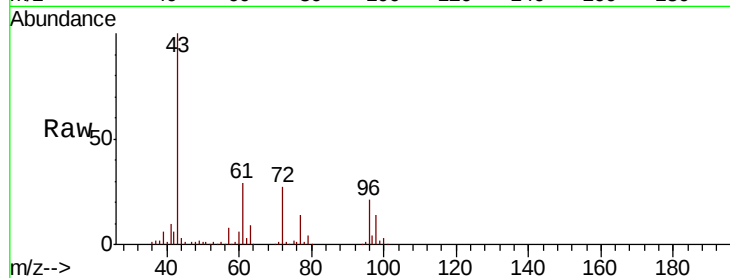




#25
2-Butanone
Concen: 301.420 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

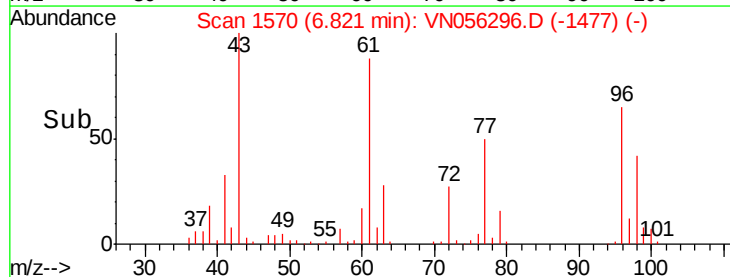
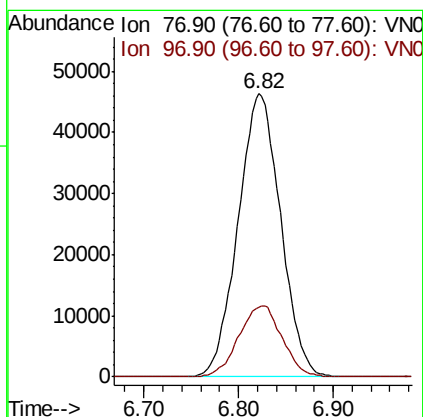
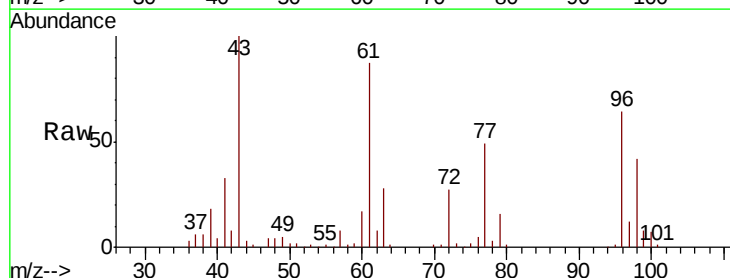
Instrument :
MSVOA_N
ClientSampled :

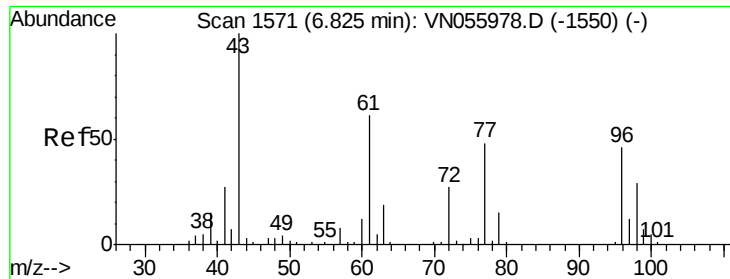
Tot Ion: 43 Resp: 568982
Ion Ratio Lower Upper
43 100
72 26.6 21.9 32.9



#26
2,2-Dichloropropane
Concen: 37.281 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 77 Resp: 144666
Ion Ratio Lower Upper
77 100
97 25.7 12.2 36.6

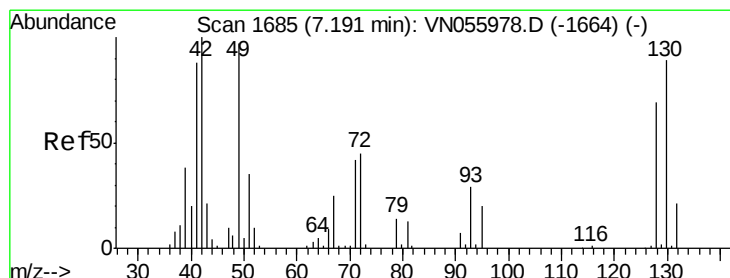
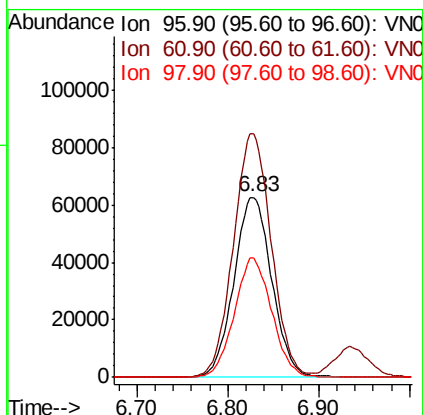
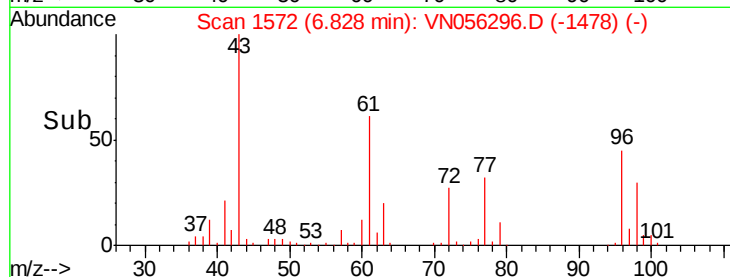
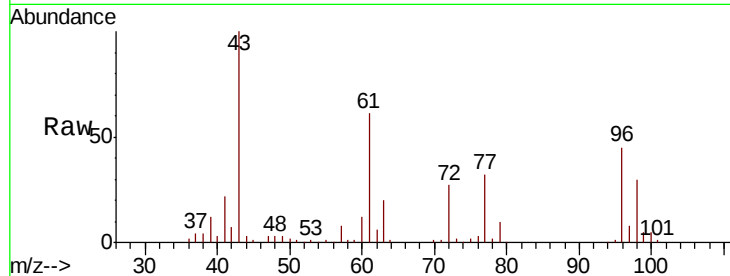




#27
 cis-1,2-Dichloroethene
 Concen: 54.521 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

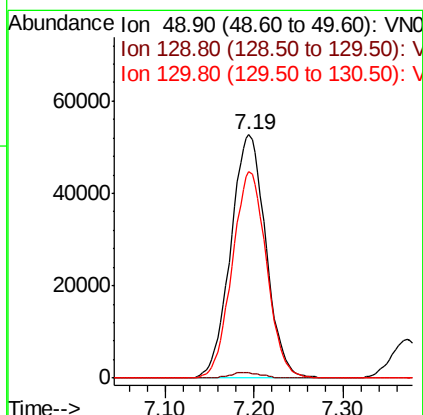
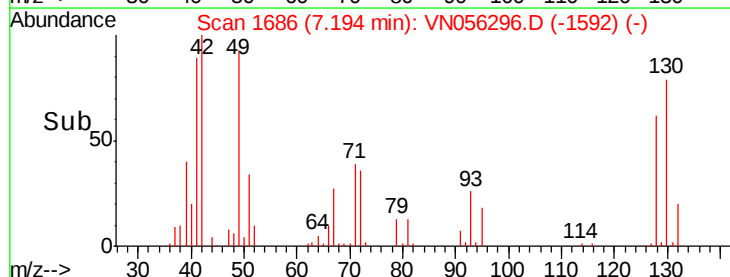
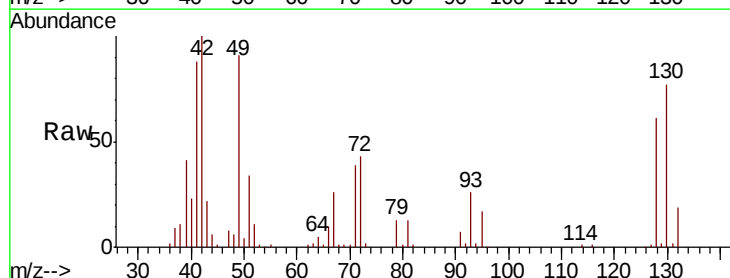
Instrument :
 MSVOA_N
 ClientSampleId :

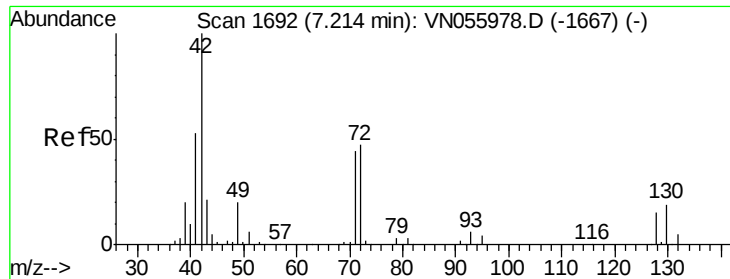
Tot Ion: 96 Resp: 181362
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 275.8
 98 65.2 0.0 128.4



#28
 Bromochloromethane
 Concen: 61.147 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion: 49 Resp: 143801
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 83.1 71.2 106.8

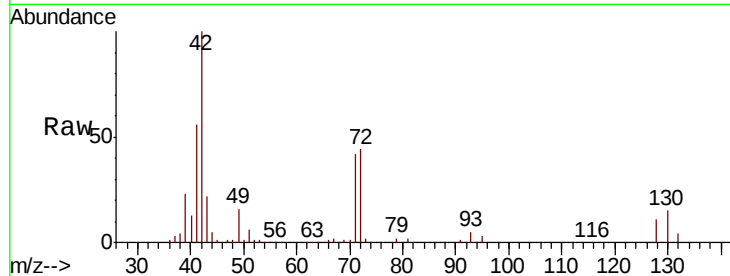




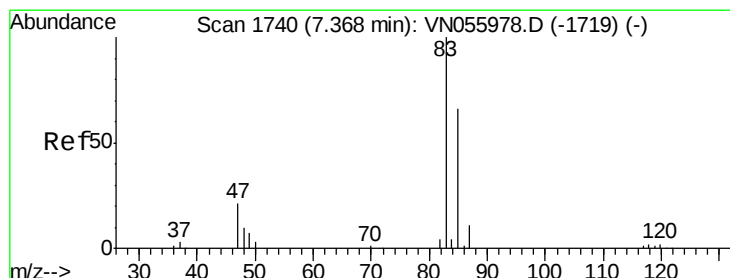
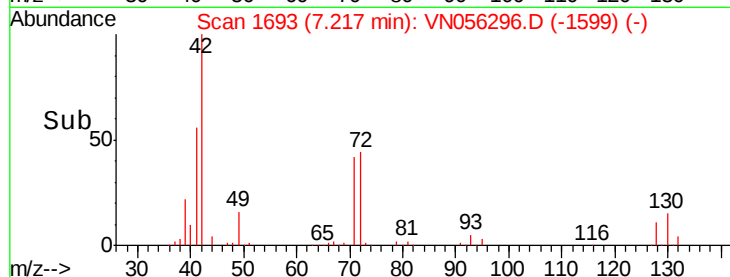
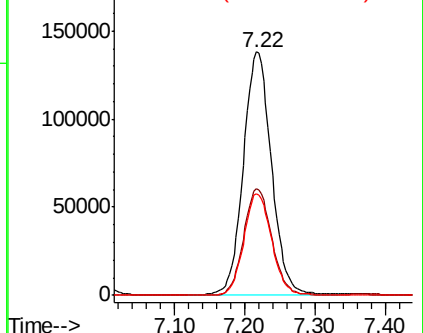
#29
Tetrahydrofuran
Concen: 328.348 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 383132
Ion Ratio Lower Upper
42 100
72 43.8 35.9 53.9
71 41.5 34.0 51.0

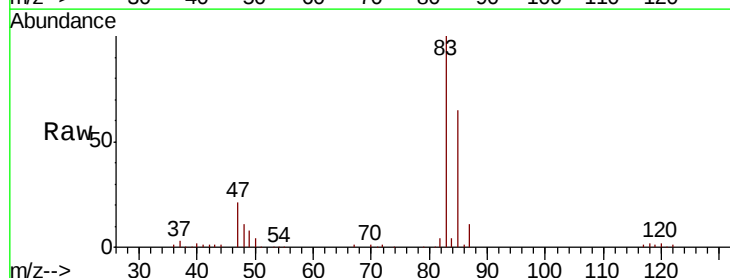


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

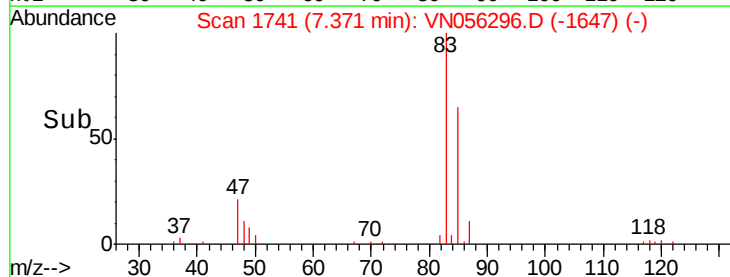
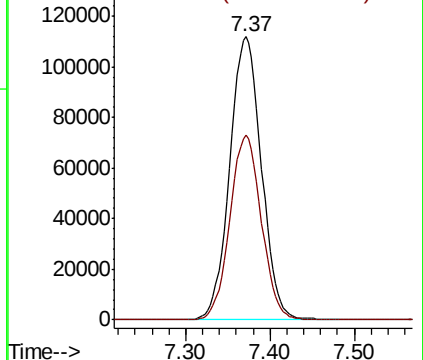


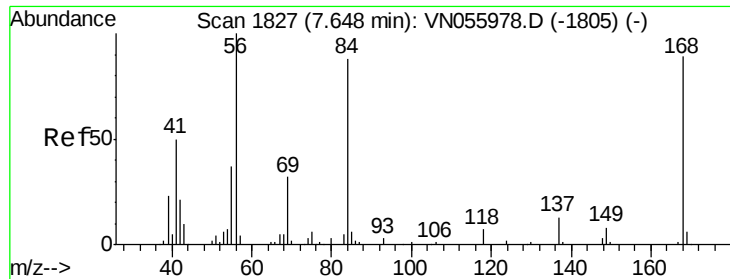
#30
Chloroform
Concen: 58.393 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 83 Resp: 292118
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

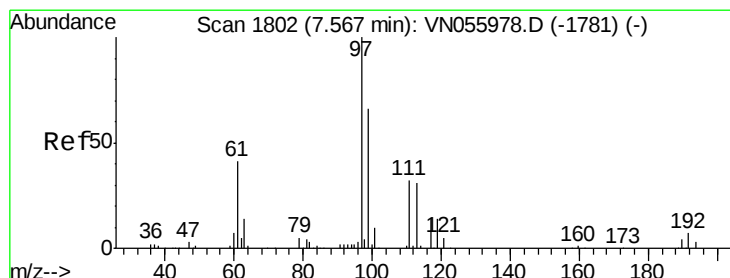
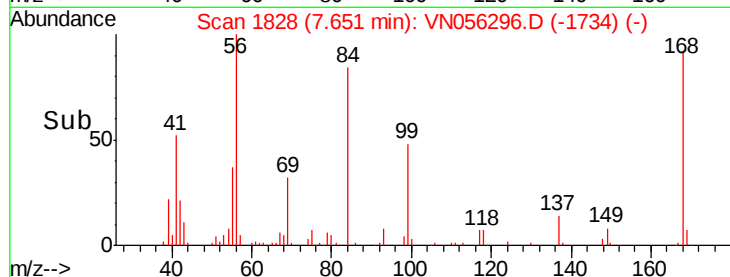
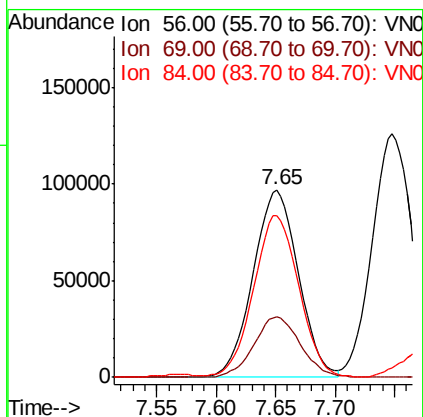
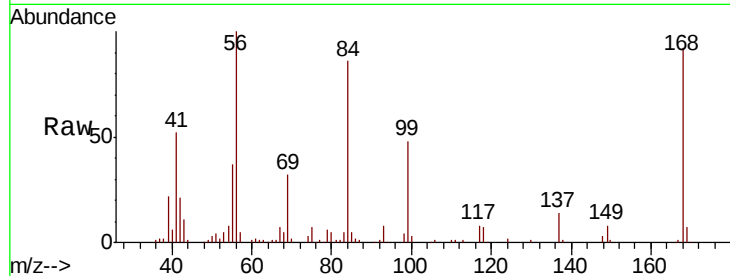




#31
Cyclohexane
Concen: 51.660 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

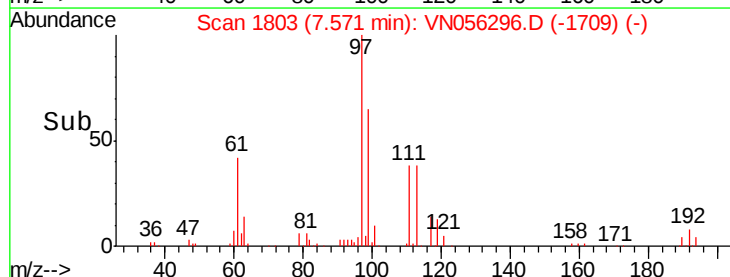
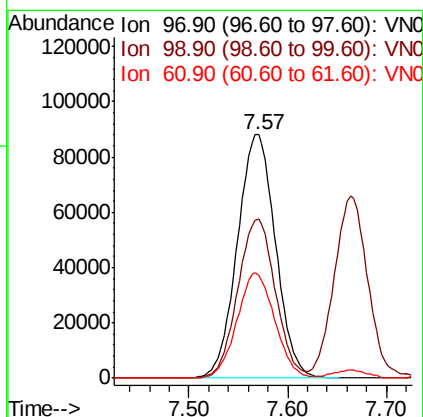
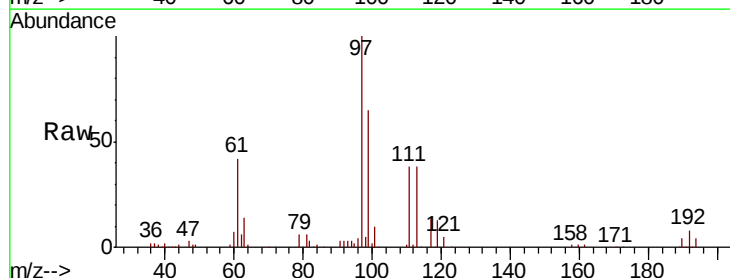
Instrument :
MSVOA_N
ClientSampleId :

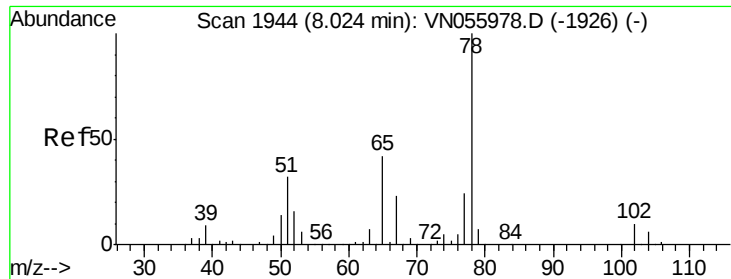
Tot Ion: 56 Resp: 256073
Ion Ratio Lower Upper
56 100
69 32.0 25.6 38.4
84 85.0 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 56.494 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 97 Resp: 236002
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 42.7 32.9 49.3

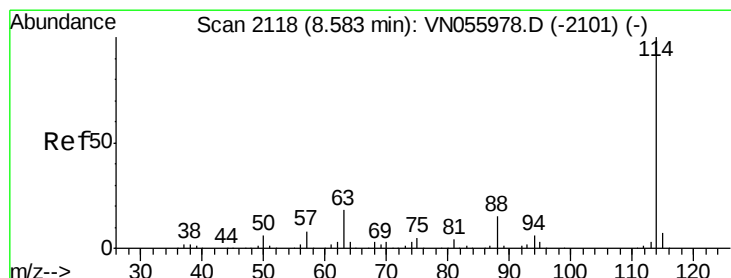
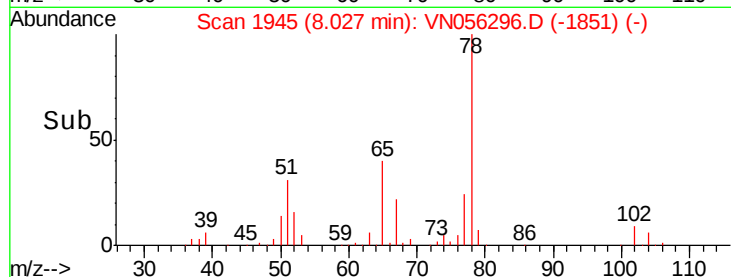
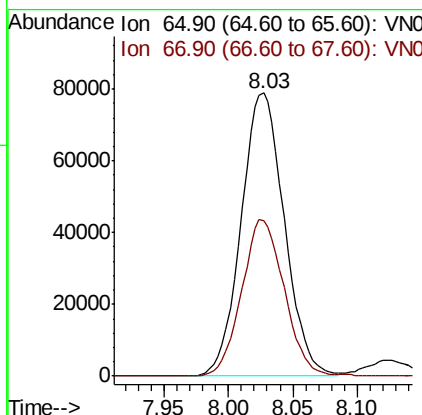
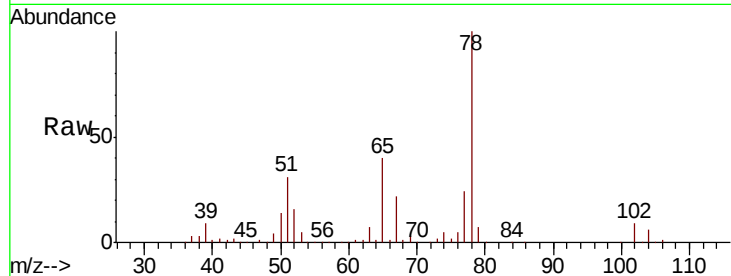




#33
 1,2-Dichloroethane-d4
 Concen: 58.905 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

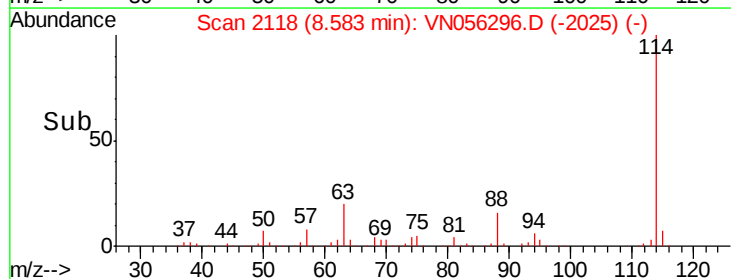
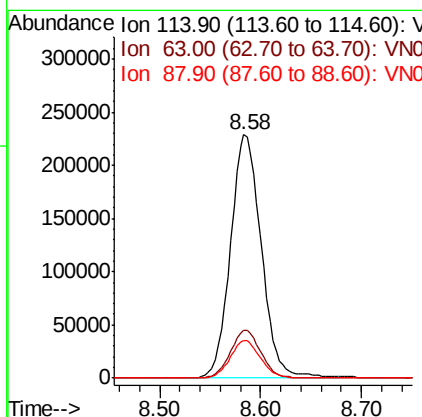
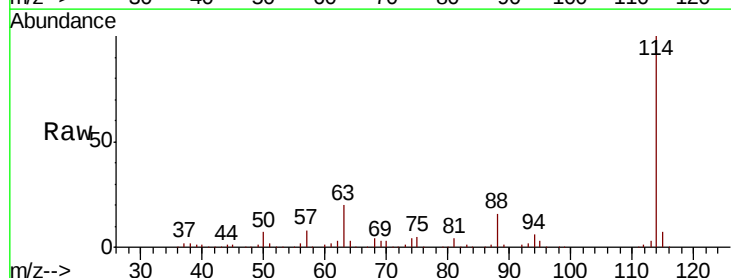
Instrument :
 MSVOA_N
 ClientSampled :

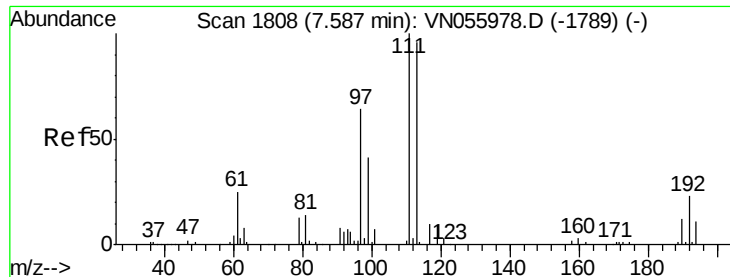
Tot Ion: 65 Resp: 184011
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion: 114 Resp: 485562
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.6 0.0 31.0

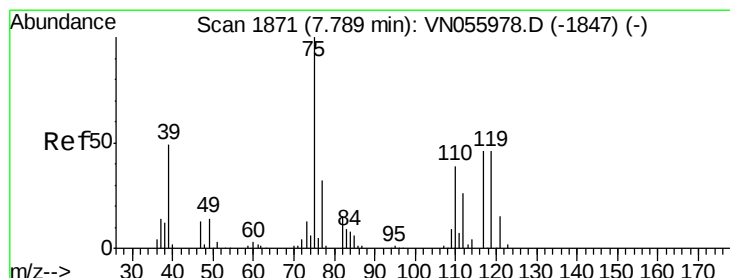
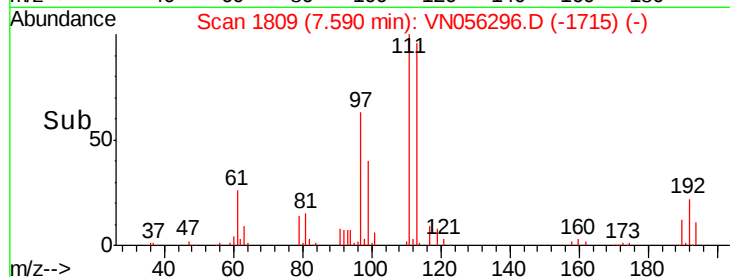
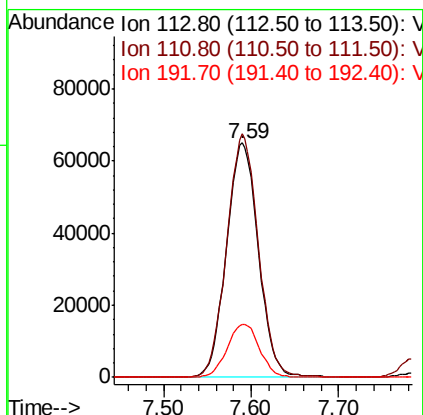
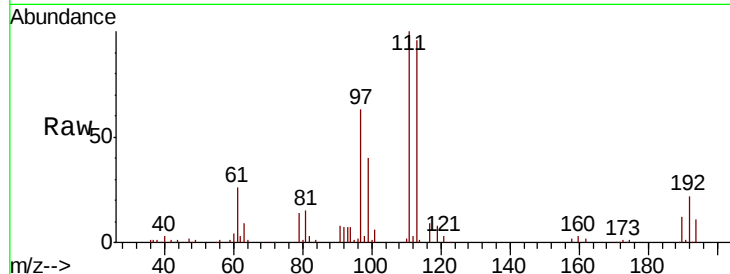




#35
 Dibromofluoromethane
 Concen: 55.300 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

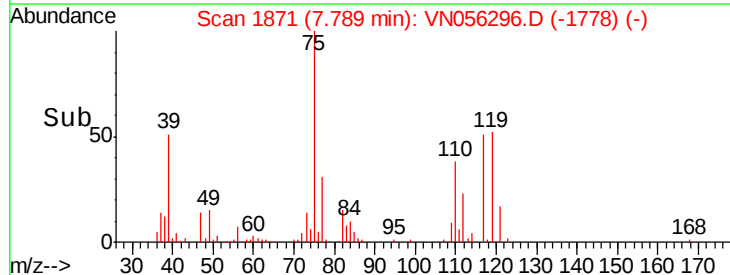
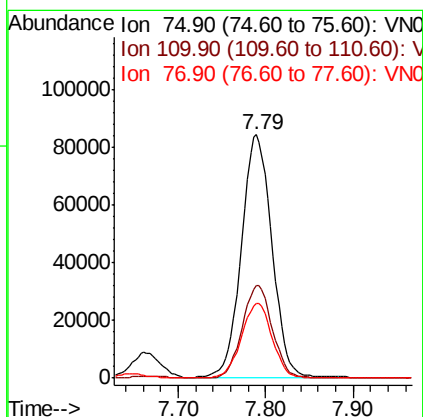
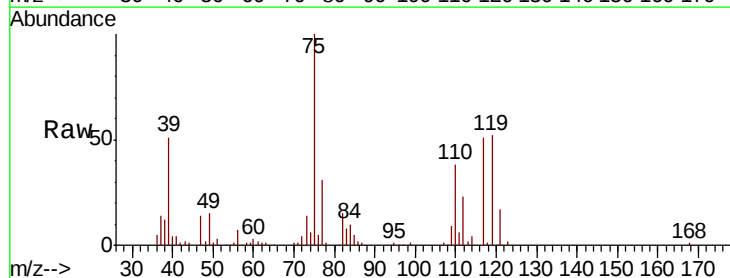
Instrument :
 MSVOA_N
 ClientSampled :

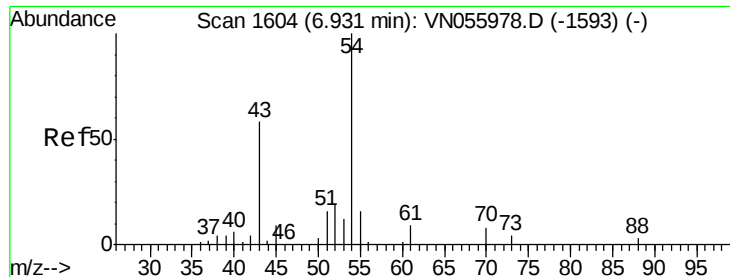
Tot Ion:113 Resp: 164743
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.9 122.9
 192 22.7 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 48.822 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion: 75 Resp: 203840
 Ion Ratio Lower Upper
 75 100
 110 37.6 19.0 57.0
 77 31.1 25.1 37.7

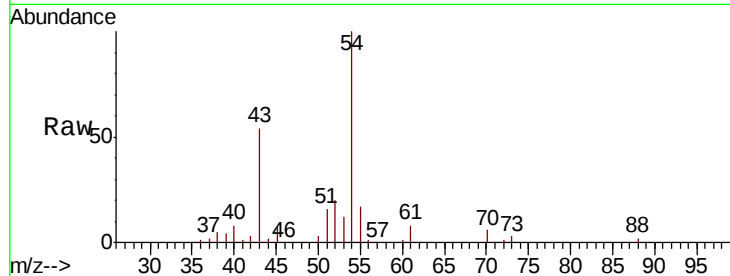




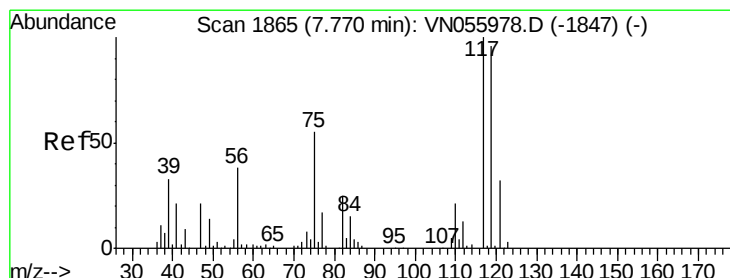
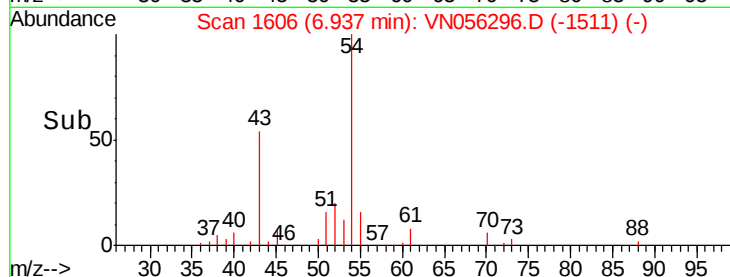
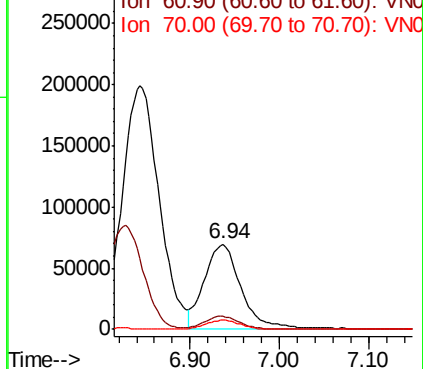
#37
Ethyl Acetate
Concen: 52.457 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 194871
Ion Ratio Lower Upper
43 100
61 14.4 12.2 18.2
70 10.4 8.9 13.3

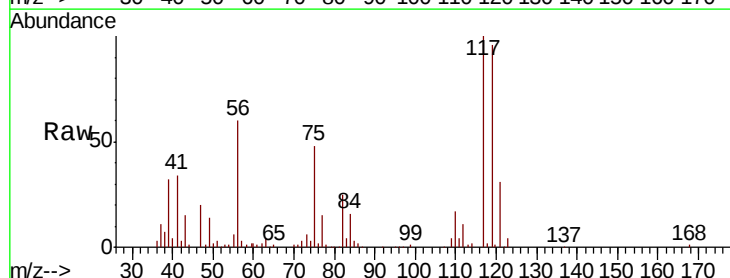


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

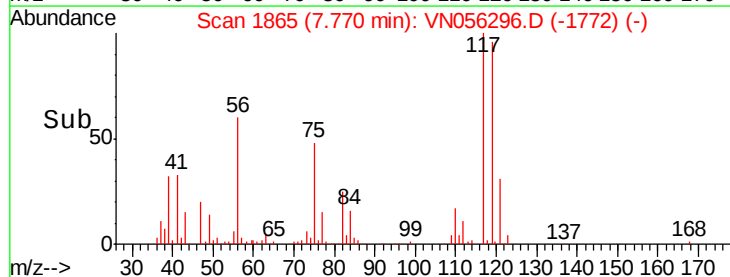
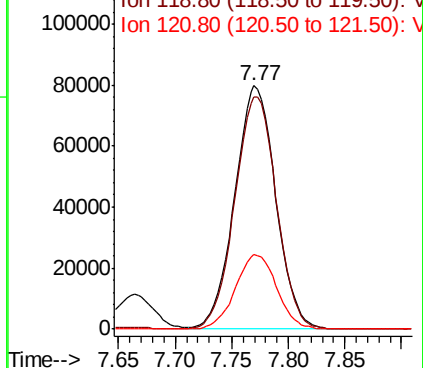


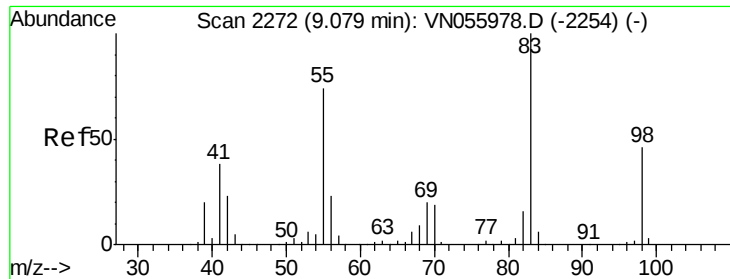
#38
Carbon Tetrachloride
Concen: 51.918 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 117 Resp: 199846
Ion Ratio Lower Upper
117 100
119 95.8 79.0 118.6
121 30.8 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

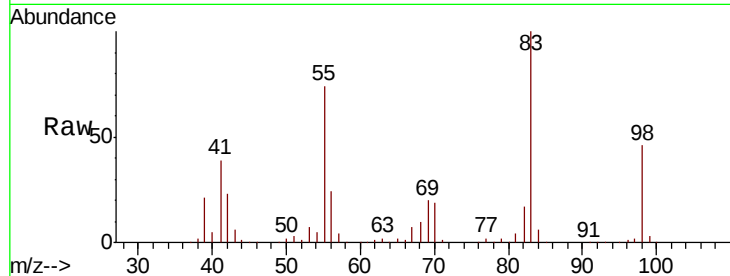




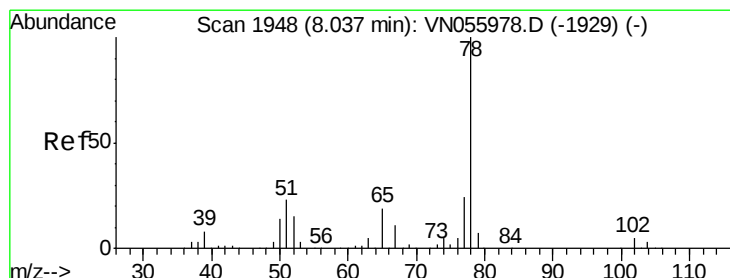
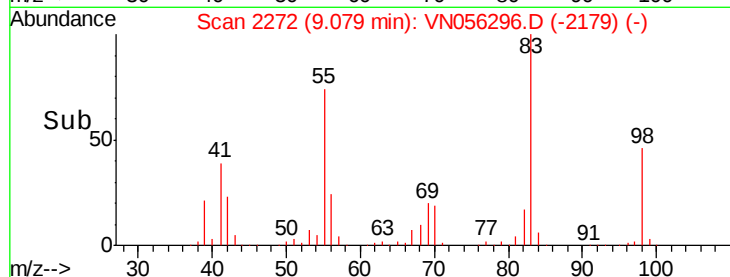
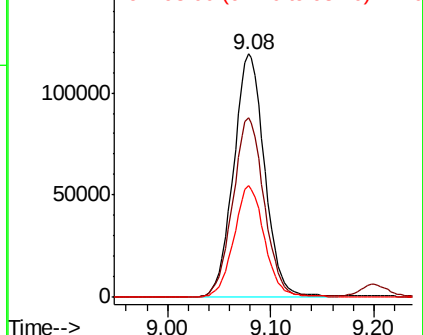
#39
Methvlcvclohexane
Concen: 48.074 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 250034
Ion Ratio Lower Upper
83 100
55 73.7 59.3 88.9
98 45.9 36.6 54.8

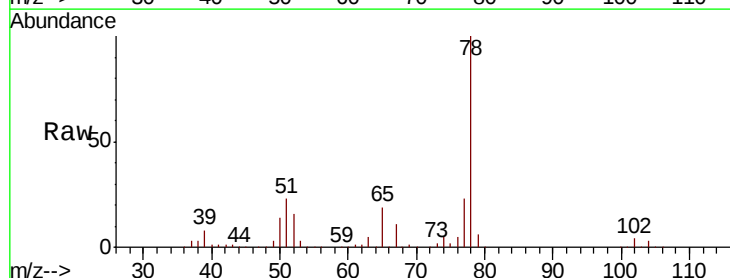


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

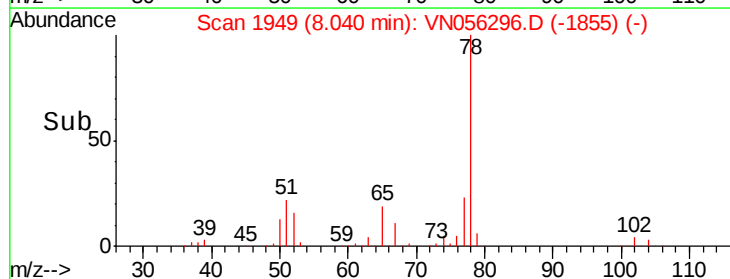
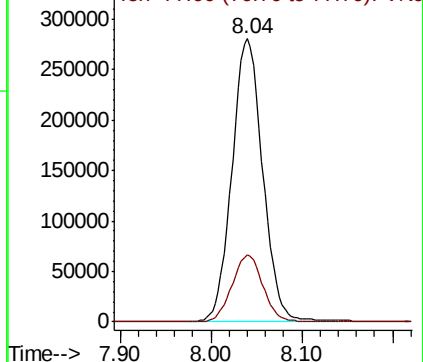


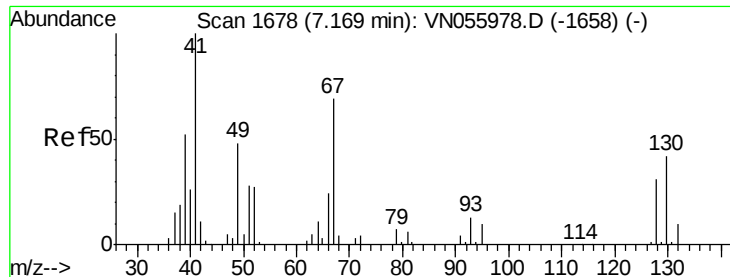
#40
Benzene
Concen: 51.936 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 78 Resp: 658590
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

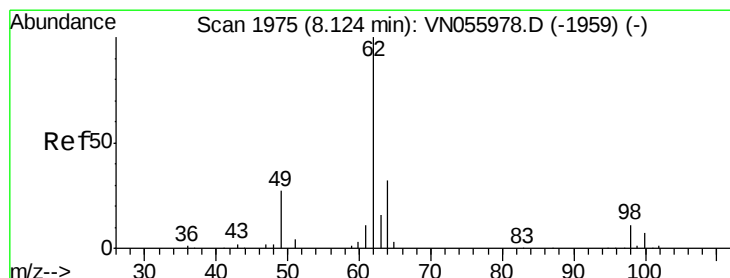
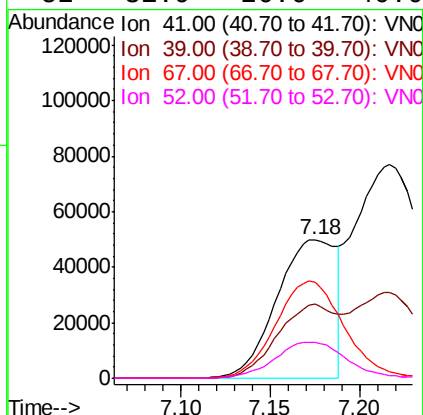
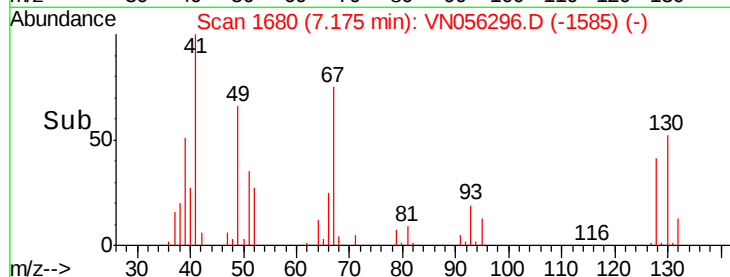
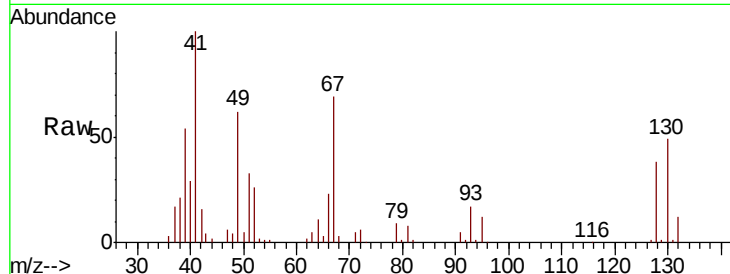




#41
Methacrylonitrile
Concen: 67.520 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

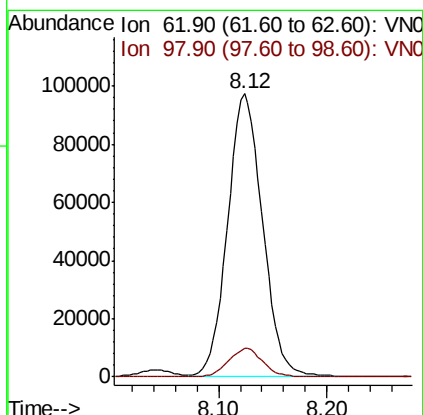
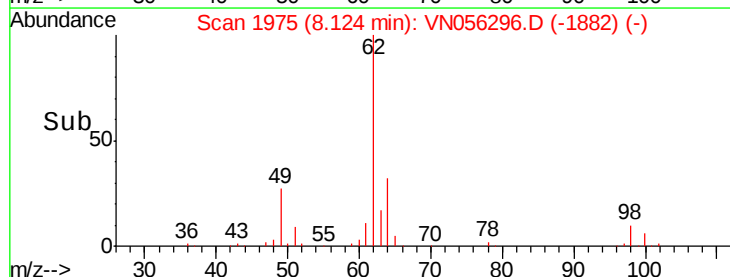
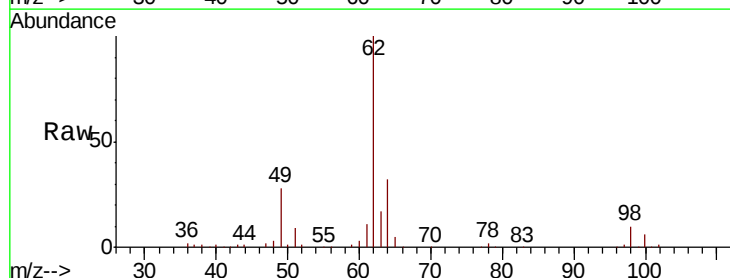
Instrument :
MSVOA_N
ClientSampled :

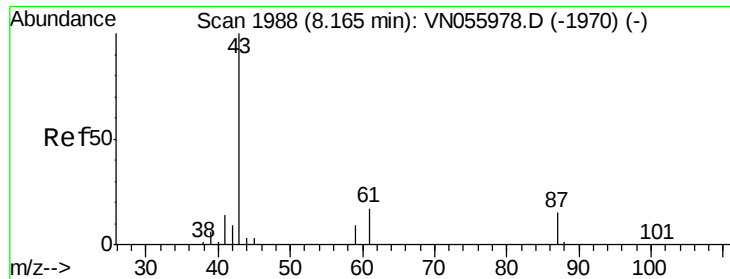
Tot Ion: 41 Resp: 115405
Ion Ratio Lower Upper
41 100
39 55.3 45.6 68.4
67 81.4 67.7 101.5
52 31.9 26.6 40.0



#42
1,2-Dichloroethane
Concen: 53.354 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 62 Resp: 217631
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 52.312 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

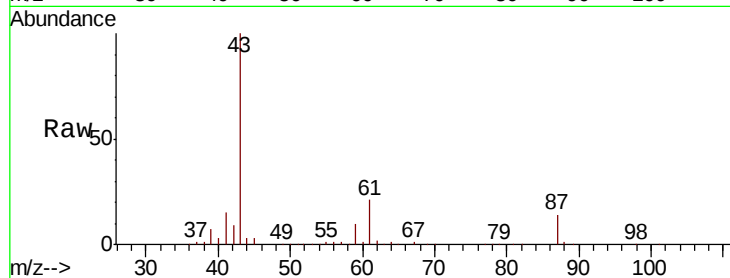
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 314911

Ion	Ratio	Lower	Upper
43	100		
61	21.6	22.2	33.4#
87	13.9	11.4	17.2

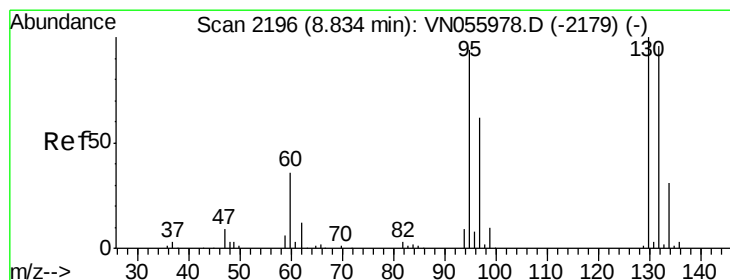
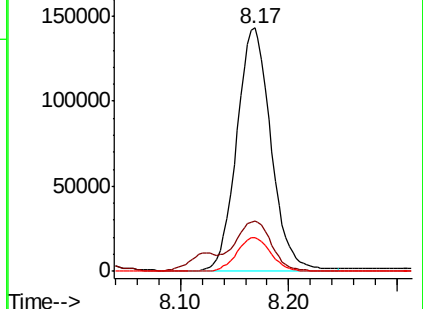
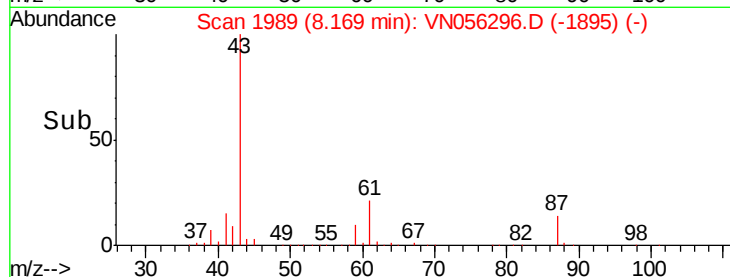


Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)

Time-->



#44

Trichloroethene

Concen: 49.383 ug/l

RT: 8.83 min Scan# 2196

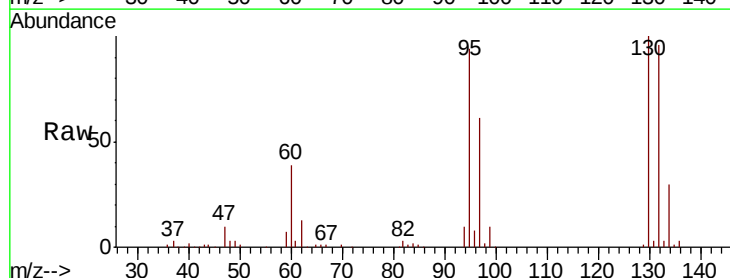
Delta R.T. -0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Tgt Ion: 130 Resp: 179944

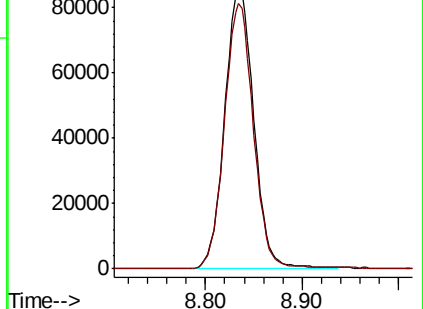
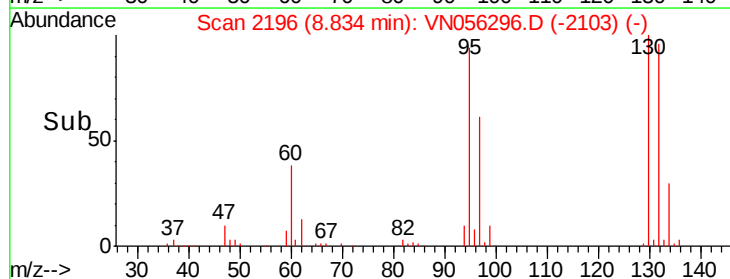
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	188.0

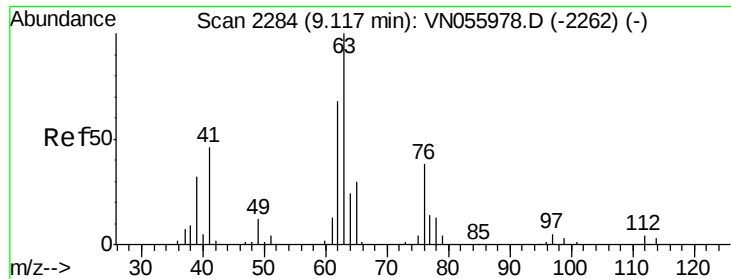


Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 56.053 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

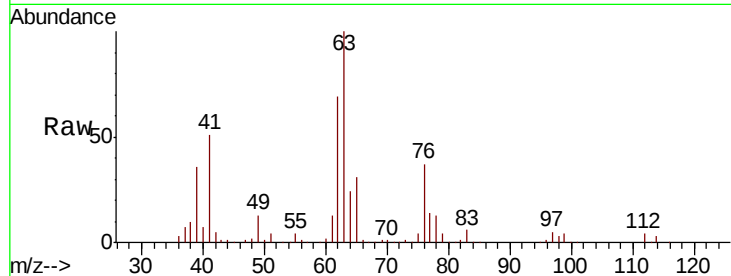
ClientSampled :

Tot Ion: 63 Resp: 182068

Ion Ratio Lower Upper

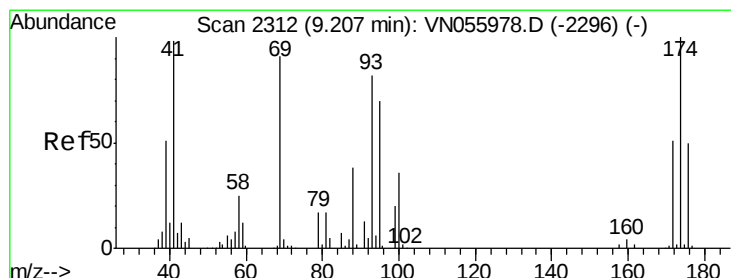
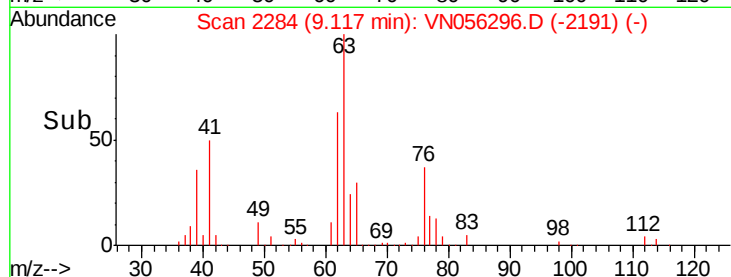
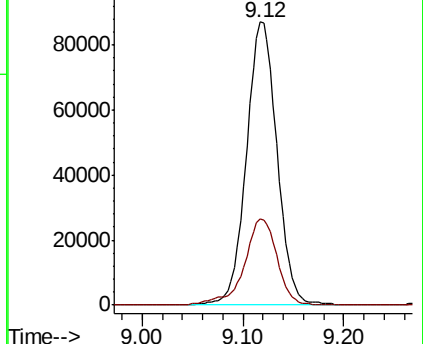
63 100

65 30.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN056296.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN056296.D (-2191) (-)



#46

Dibromomethane

Concen: 54.821 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

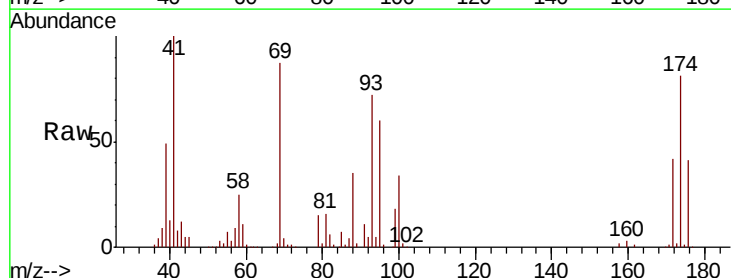
Tgt Ion: 93 Resp: 116441

Ion Ratio Lower Upper

93 100

95 84.1 66.7 100.1

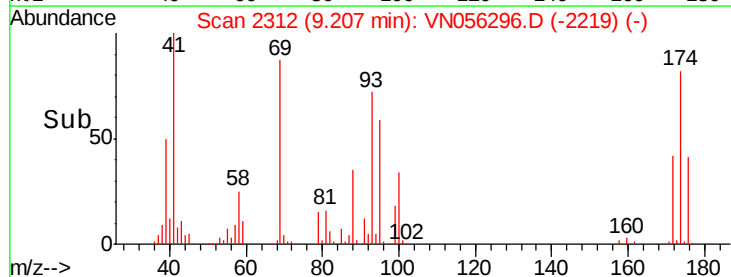
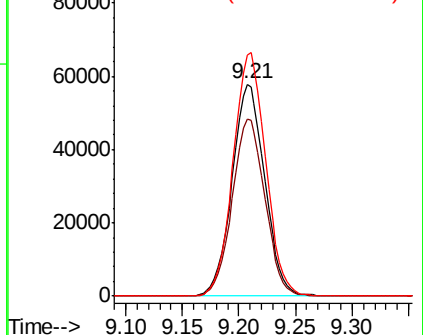
174 114.5 96.4 144.6

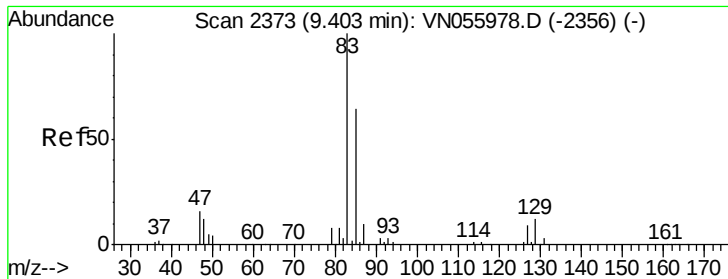


Abundance Ion 92.80 (92.50 to 93.50): VN056296.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN056296.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN056296.D (-2219) (-)





#47

Bromodichloromethane

Concen: 57.727 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

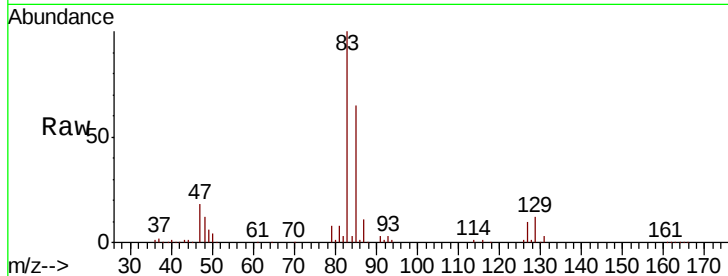
Tot Ion: 83 Resp: 222225

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.2

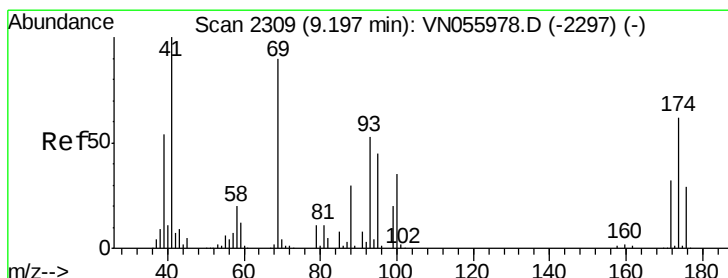
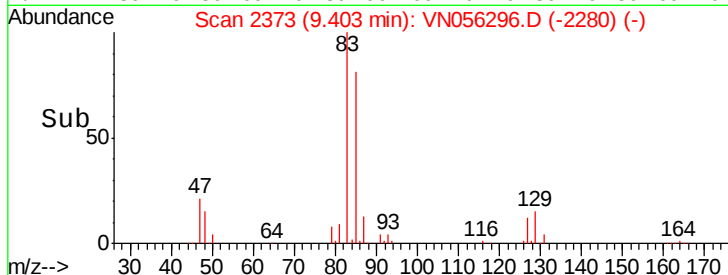
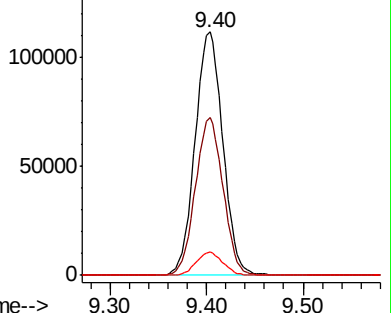
127 9.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055978.D (-2356) (-)



#48

Methyl methacrylate

Concen: 59.794 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

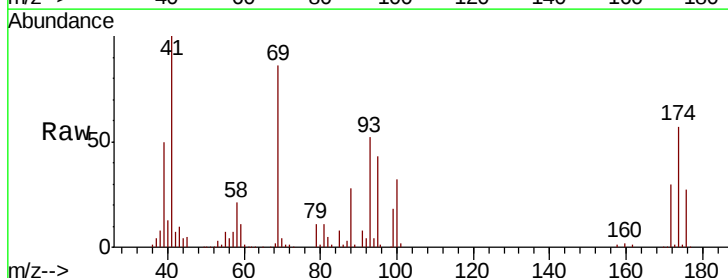
Tgt Ion: 41 Resp: 176099

Ion Ratio Lower Upper

41 100

69 88.3 71.0 106.6

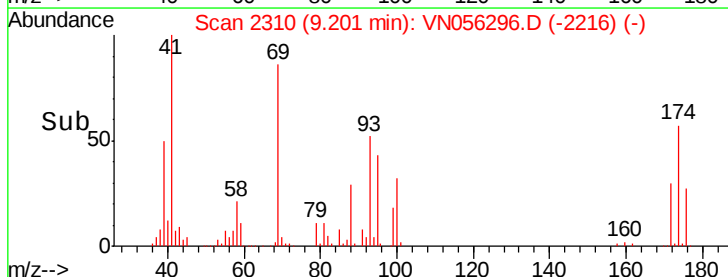
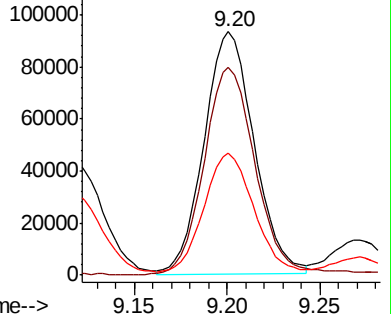
39 50.3 44.2 66.2

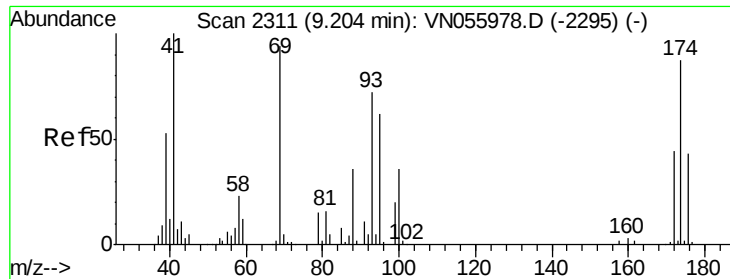


Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055978.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-2297) (-)





#49

1,4-Dioxane

Concen: 1112.932 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :

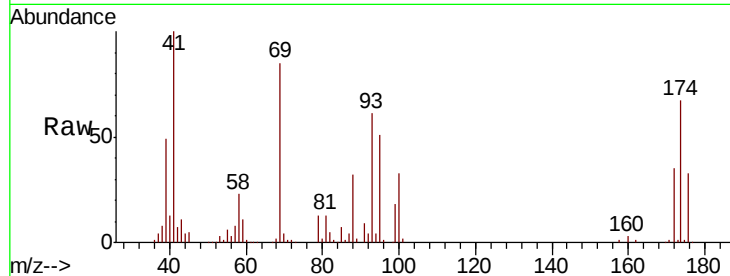
Tot Ion: 88 Resp: 70761

Ion Ratio Lower Upper

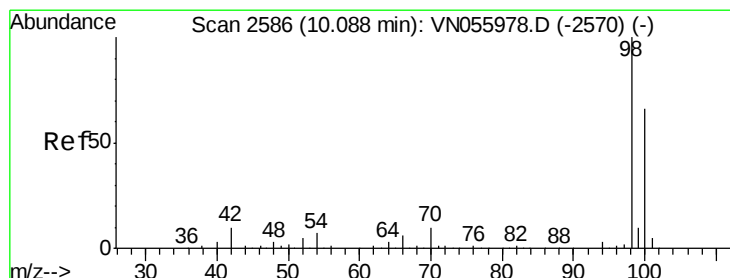
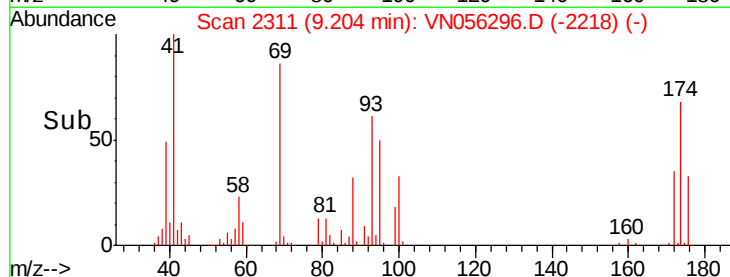
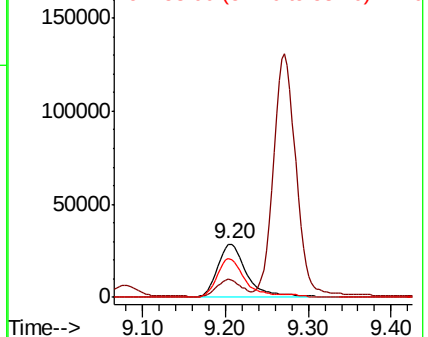
88 100

43 26.4 20.5 30.7

58 72.5 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.251 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056296.D

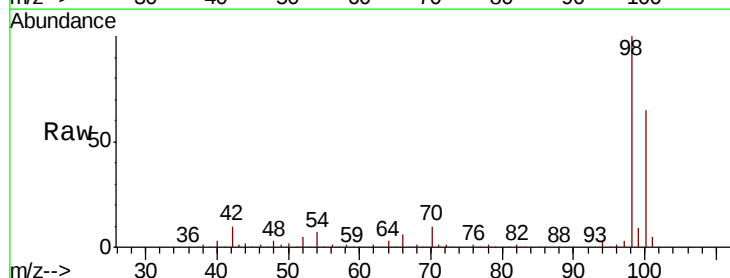
Acq: 13 Jun 2019 21:05

Tgt Ion: 98 Resp: 598977

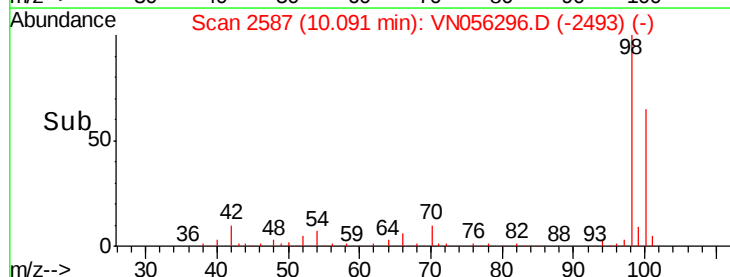
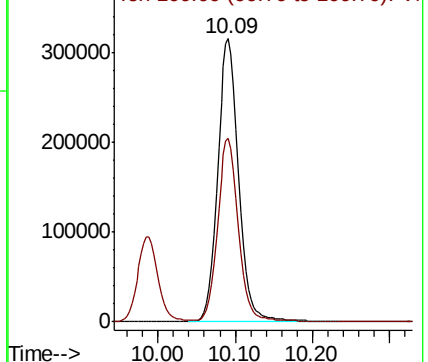
Ion Ratio Lower Upper

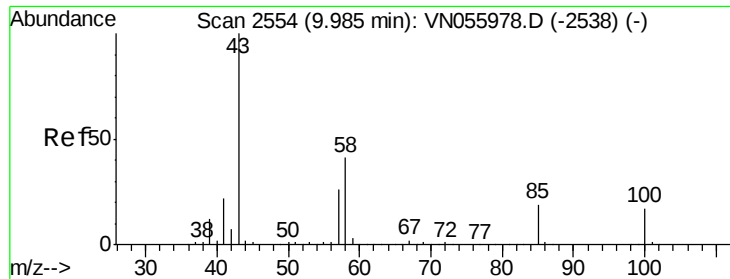
98 100

100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

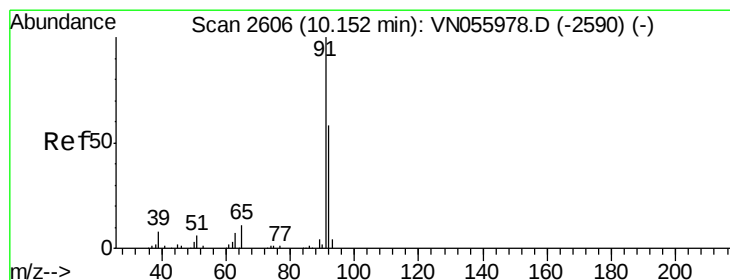
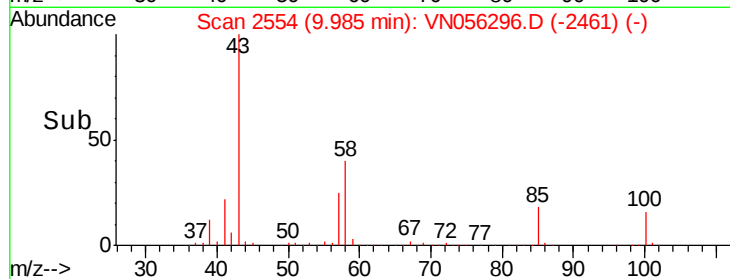
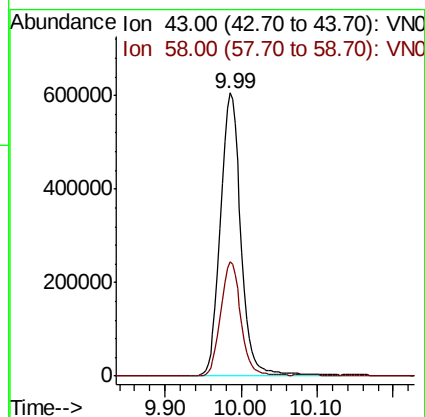
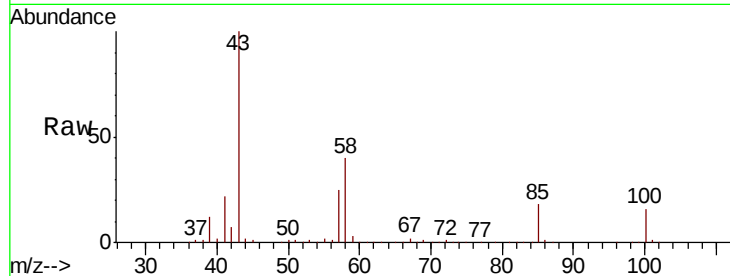




#51
4-Methyl-2-Pentanone
Concen: 302.010 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

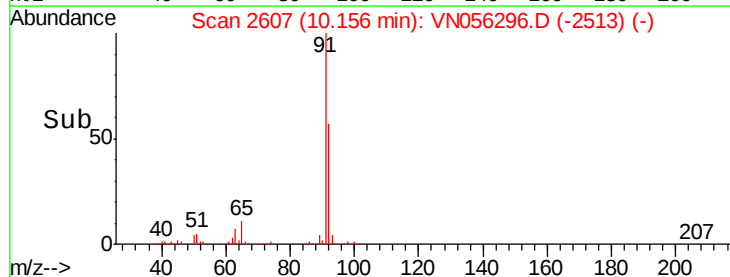
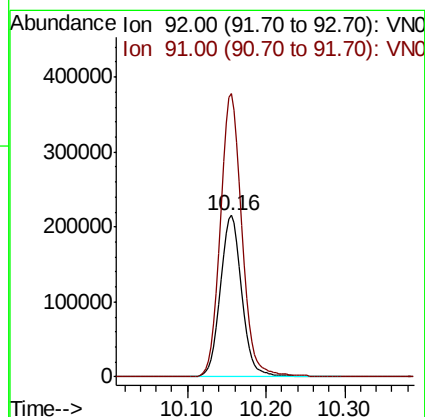
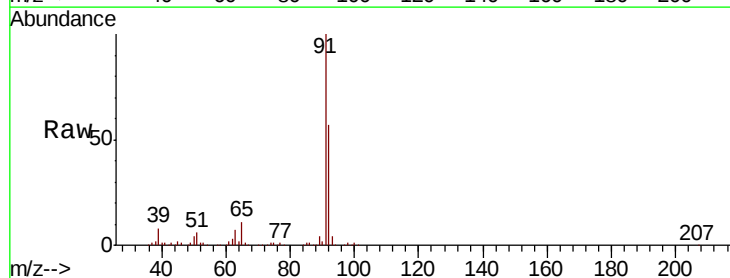
Instrument :
MSVOA_N
ClientSampleId :

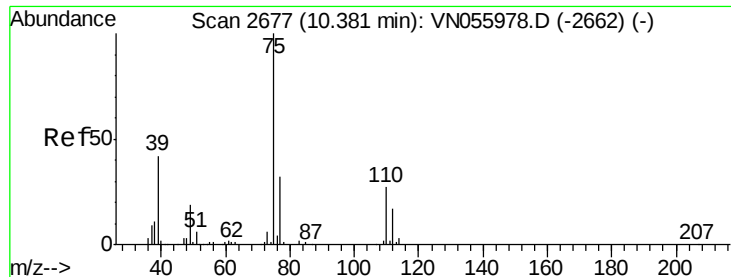
Tot Ion: 43 Resp: 1136920
Ion Ratio Lower Upper
43 100
58 39.7 32.1 48.1



#52
Toluene
Concen: 51.587 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 92 Resp: 407063
Ion Ratio Lower Upper
92 100
91 175.6 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 46.862 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

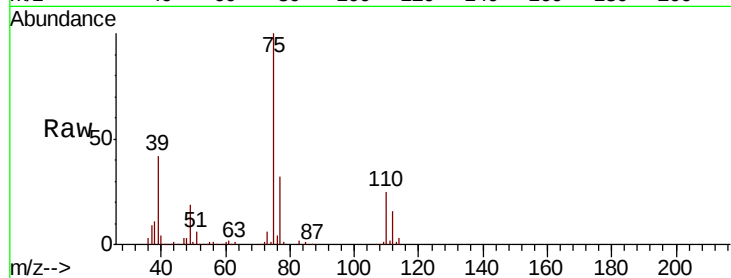
ClientSampled :

Tot Ion: 75 Resp: 210791

Ion Ratio Lower Upper

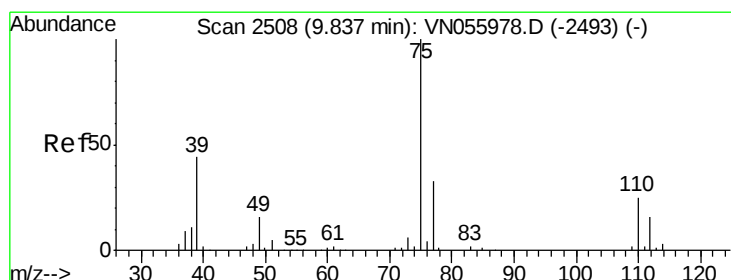
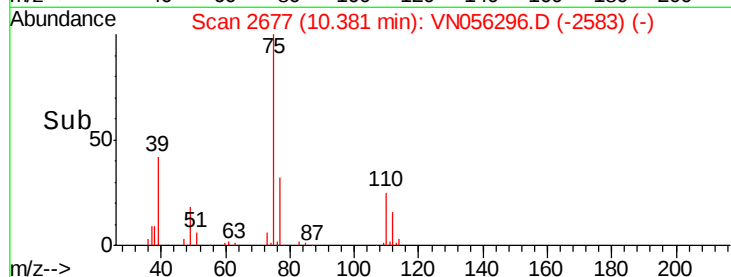
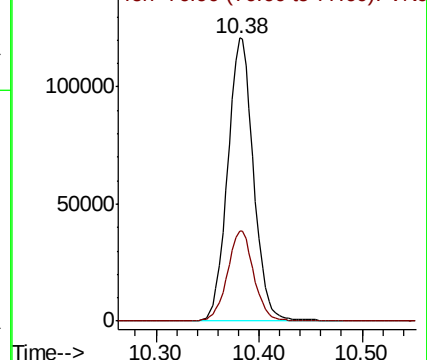
75 100

77 31.7 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 52.973 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

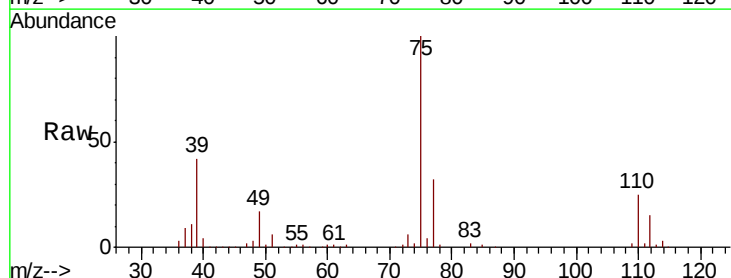
Tgt Ion: 75 Resp: 245120

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

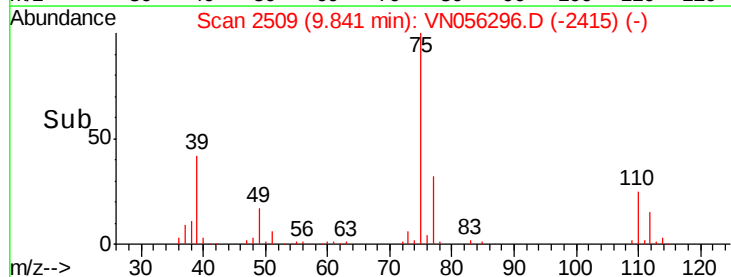
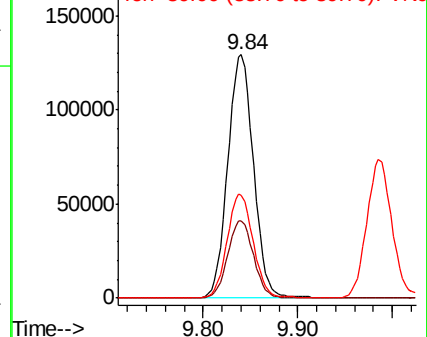
39 42.3 36.3 54.5

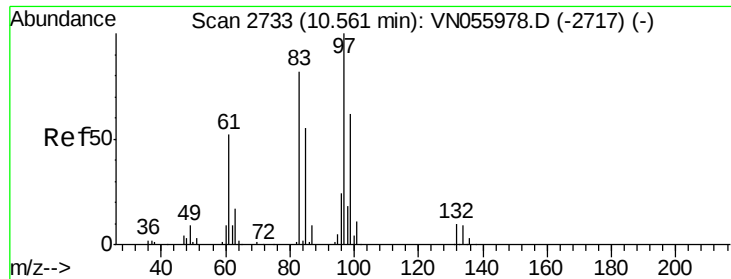


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

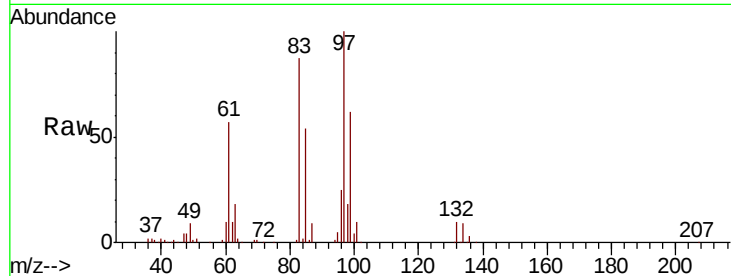




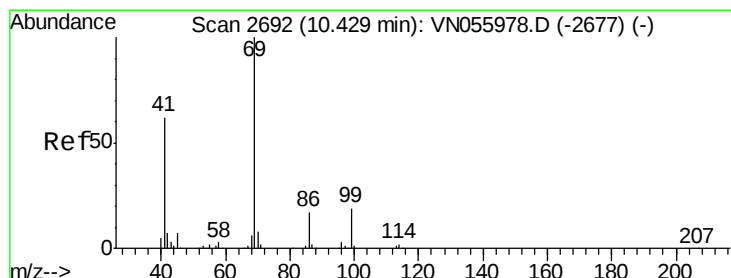
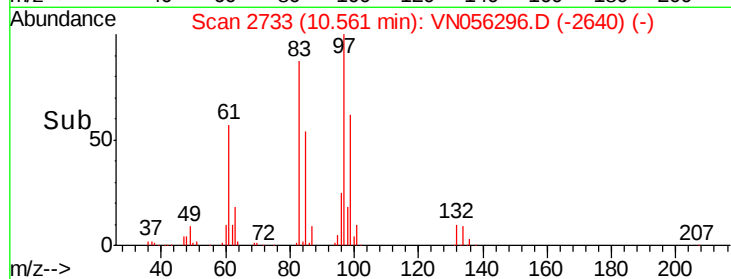
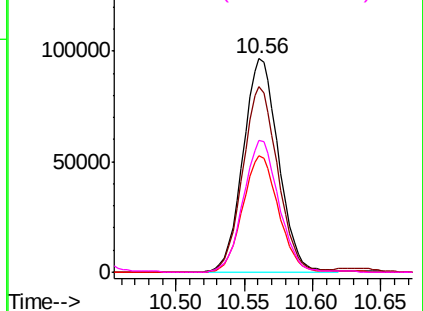
#55
 1,1,2-Trichloroethane
 Concen: 55.813 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	174453
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.0	100.6
85	54.3	44.0	66.0
99	61.3	50.6	75.8

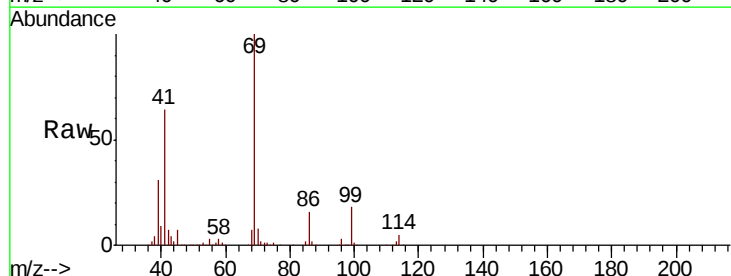


Abundance Ion 96.90 (96.60 to 97.60): VNO
 150000 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

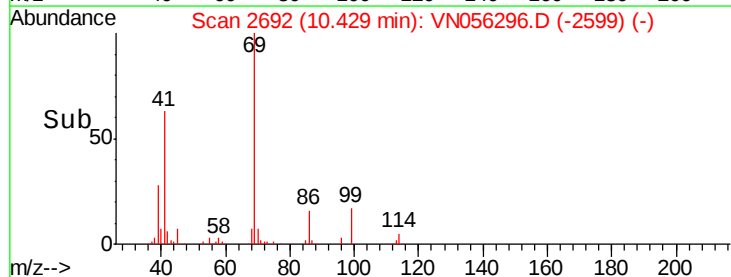
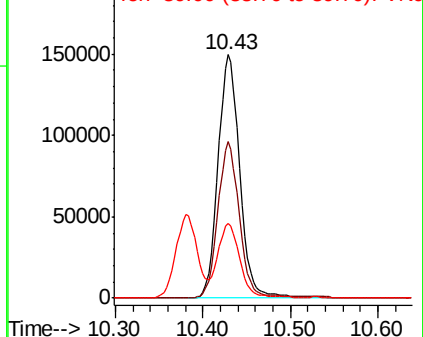


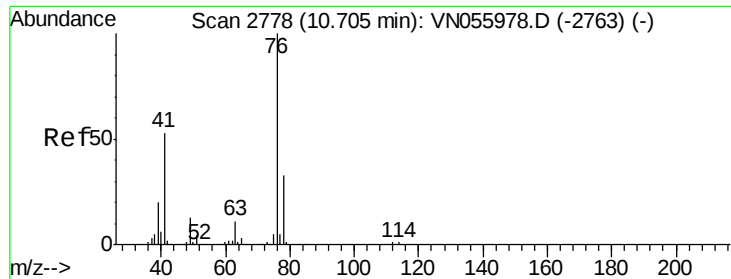
#56
 Ethyl methacrylate
 Concen: 56.585 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion:	69	Resp:	258028
Ion	Ratio	Lower	Upper
69	100		
41	62.4	49.7	74.5
39	30.3	24.7	37.1



Abundance Ion 69.00 (68.70 to 69.70): VNO
 200000 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

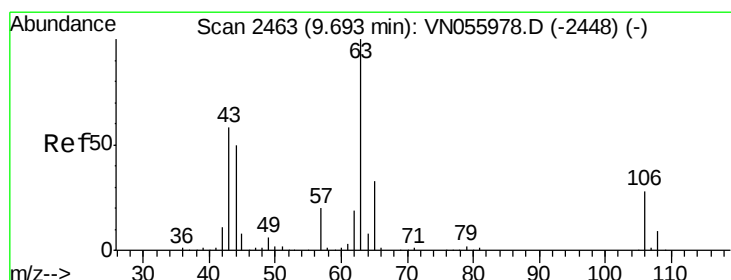
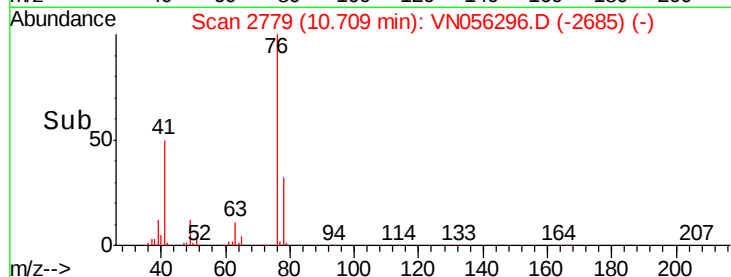
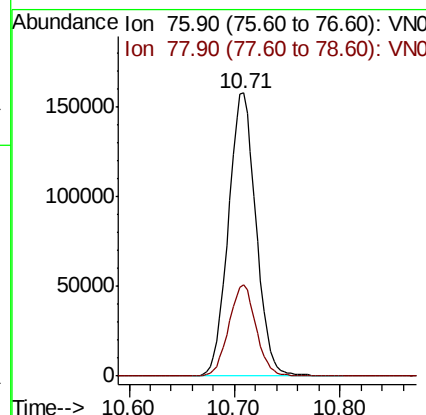
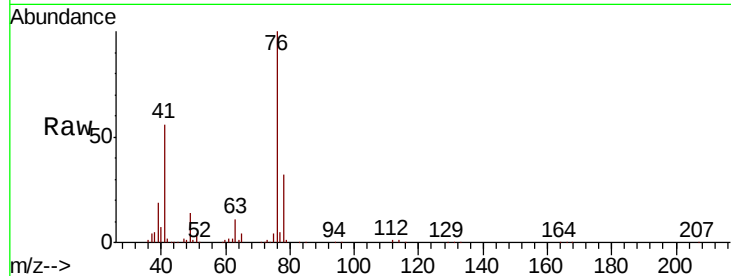




#57
 1,3-Dichloropropane
 Concen: 56.125 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

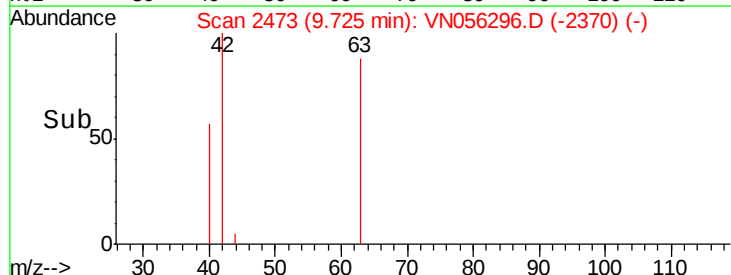
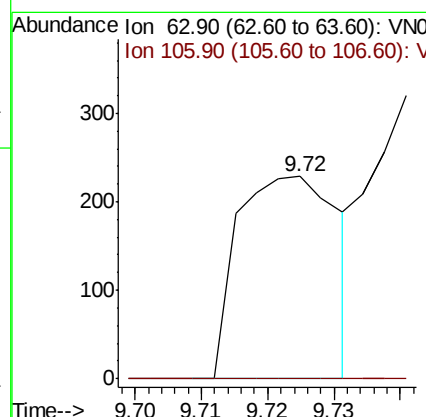
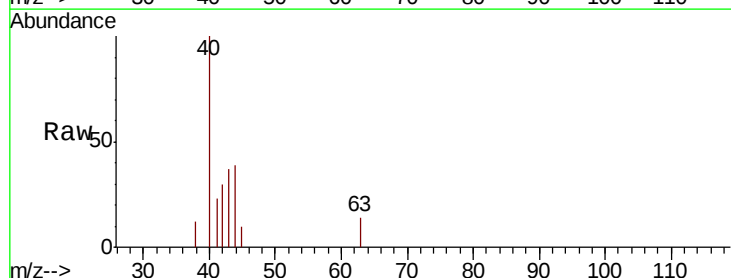
Instrument :
 MSVOA_N
 ClientSampled :

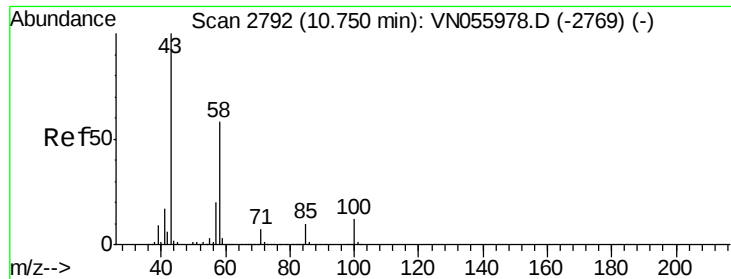
Tot Ion: 76 Resp: 285182
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.999 ug/l
 RT: 9.72 min Scan# 2473
 Delta R.T. 0.03 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion: 63 Resp: 240
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#

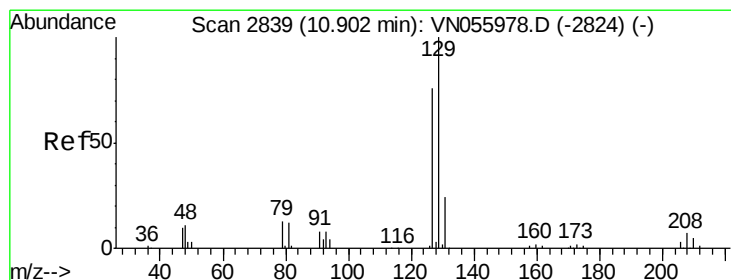
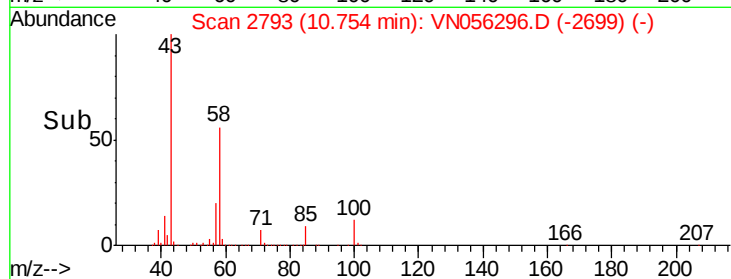
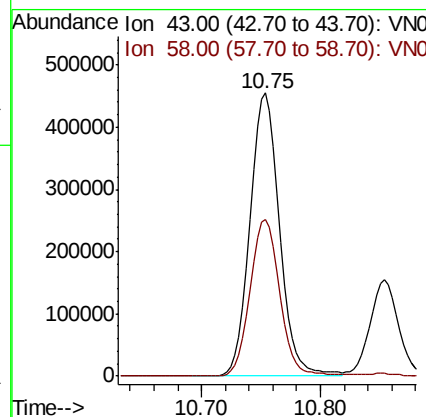
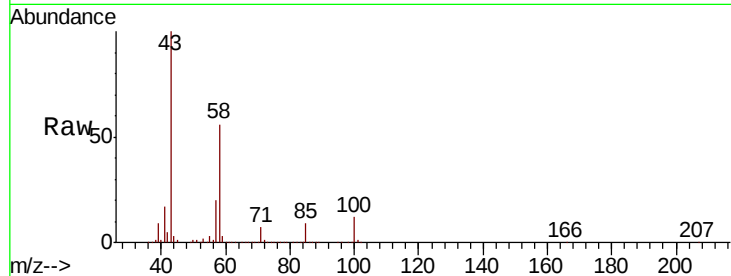




#59
2-Hexanone
Concen: 286.572 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

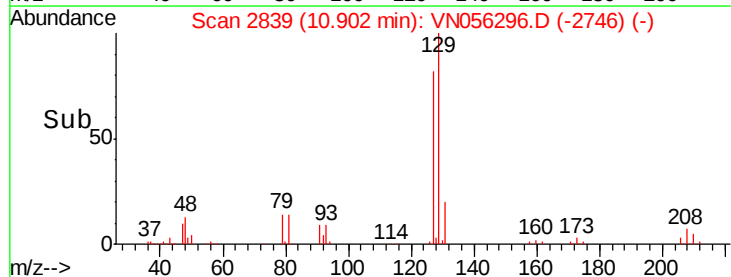
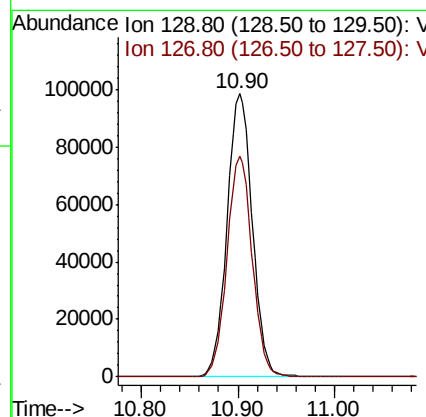
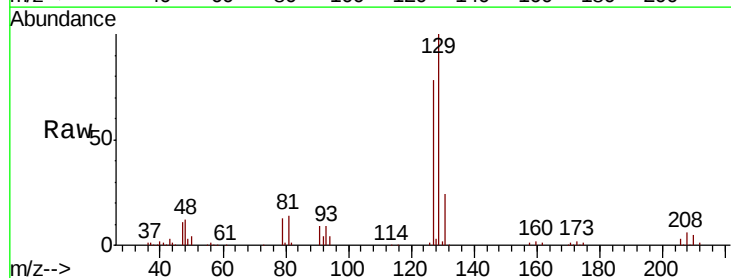
Instrument :
MSVOA_N
ClientSampled :

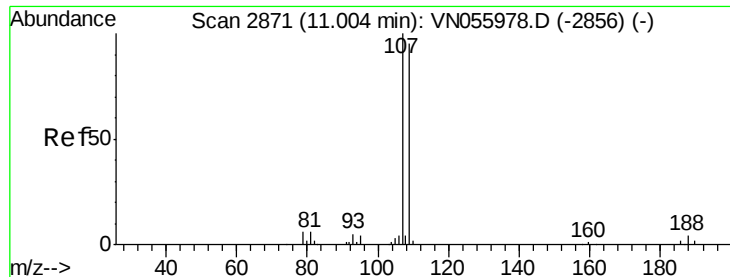
Tot Ion: 43 Resp: 781891
Ion Ratio Lower Upper
43 100
58 56.3 28.2 84.7



#60
Dibromochloromethane
Concen: 51.934 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 129 Resp: 179377
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 55.706 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

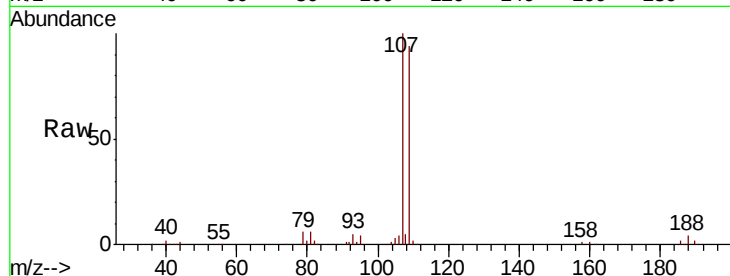
ClientSampled :

Tot Ion: 107 Resp: 178003

Ion Ratio Lower Upper

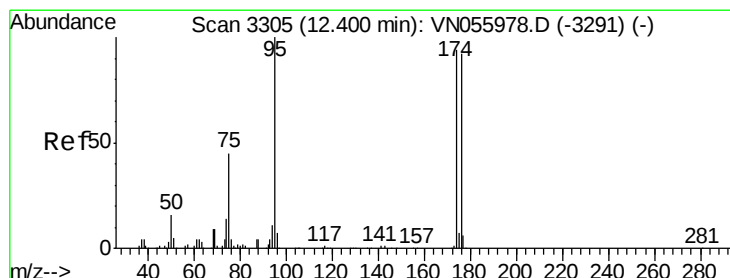
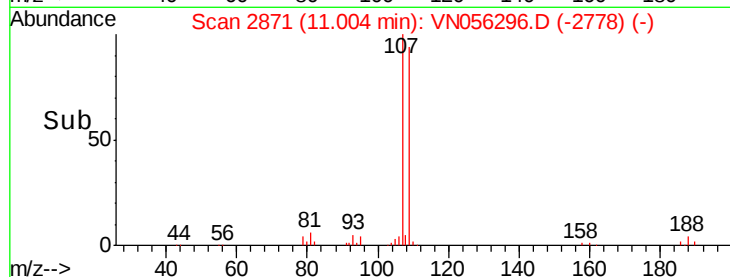
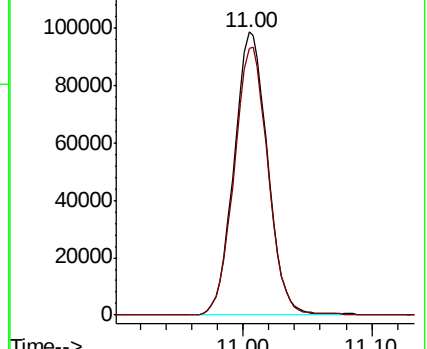
107 100

109 95.6 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.747 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

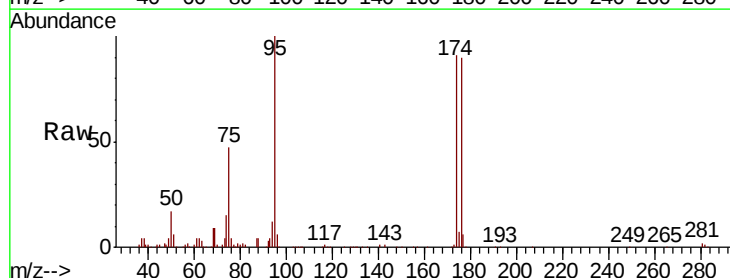
Tgt Ion: 95 Resp: 201733

Ion Ratio Lower Upper

95 100

174 91.6 0.0 191.0

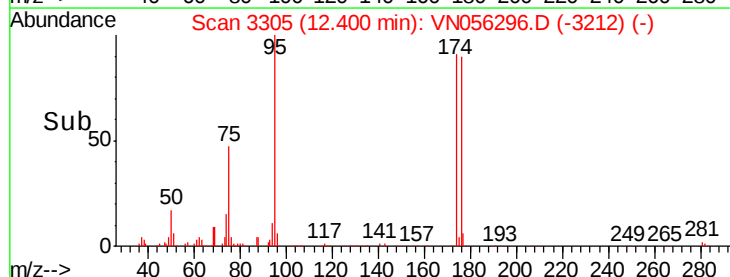
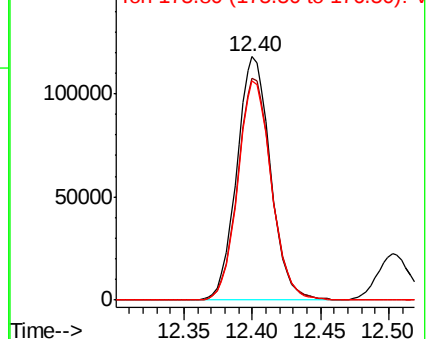
176 89.8 0.0 185.2

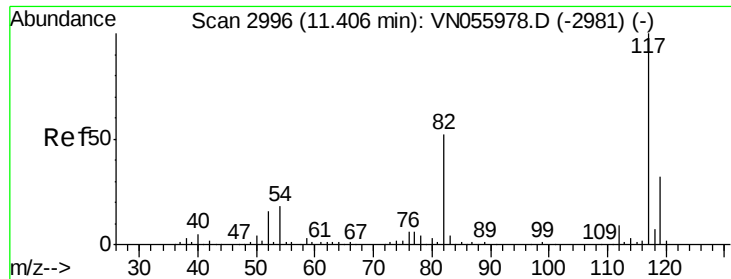


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

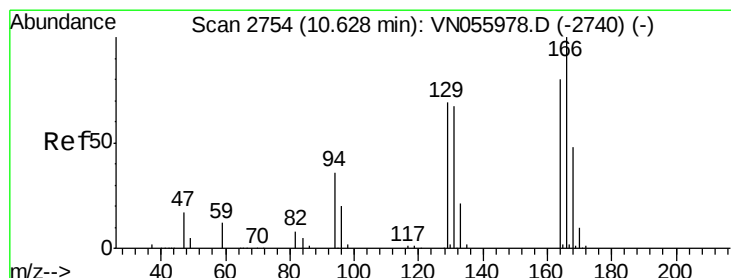
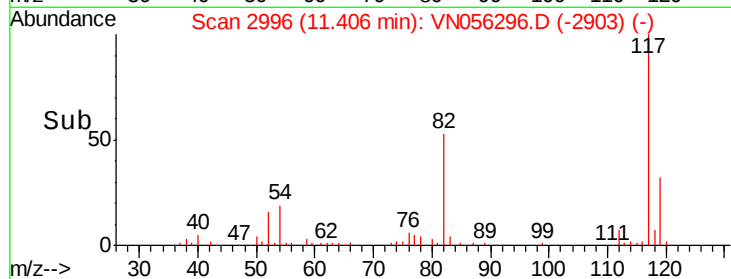
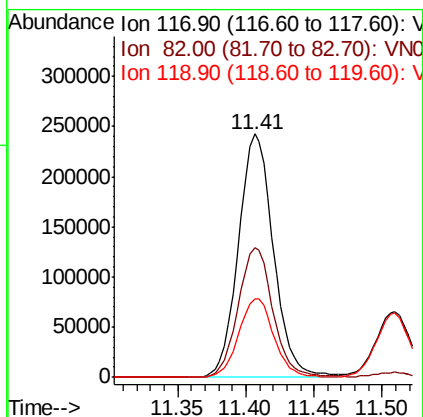
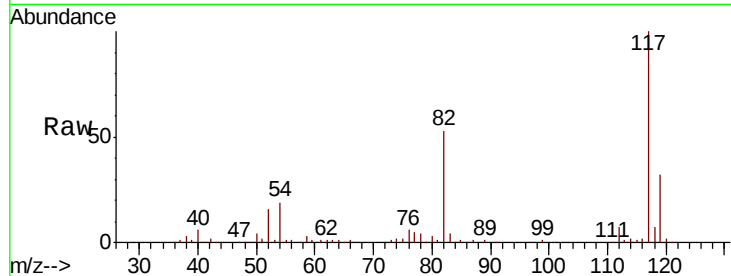




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

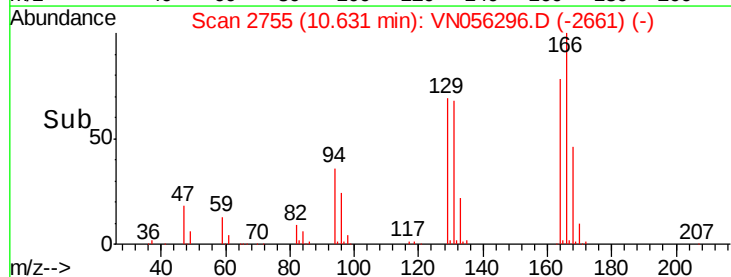
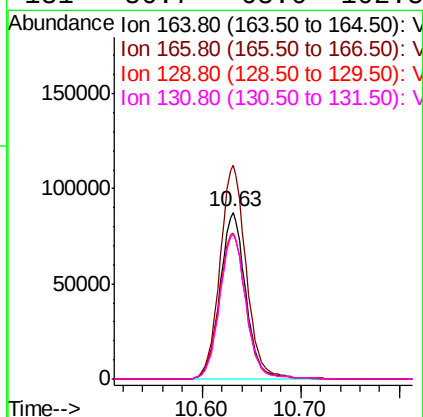
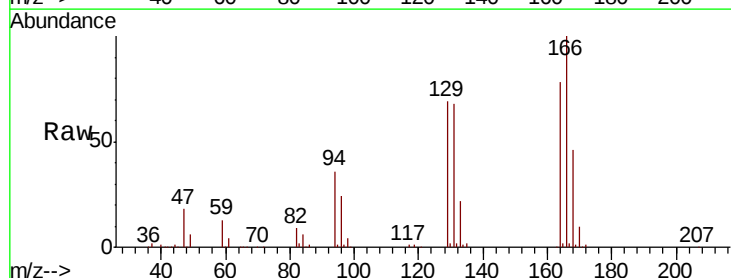
Instrument :
MSVOA_N
ClientSampled :

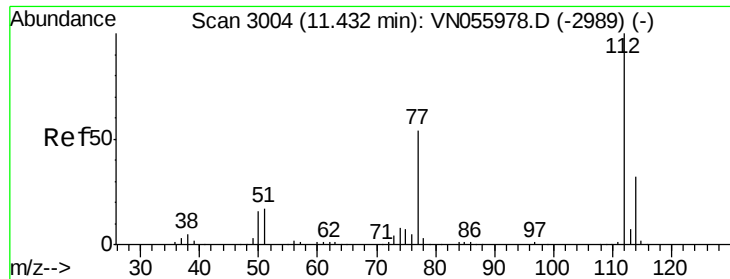
Tot Ion:117 Resp: 432982
Ion Ratio Lower Upper
117 100
82 53.3 41.8 62.8
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 42.849 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion:164 Resp: 160597
Ion Ratio Lower Upper
164 100
166 128.0 103.0 154.6
129 87.8 70.6 105.8
131 86.7 68.6 102.8

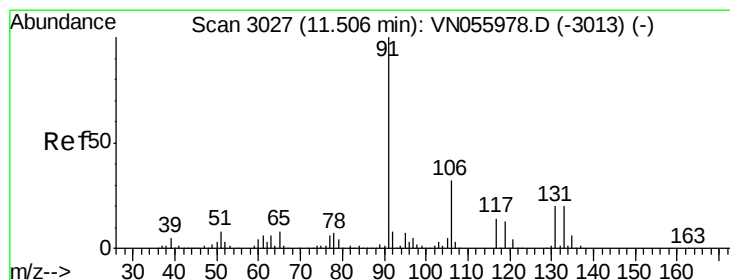
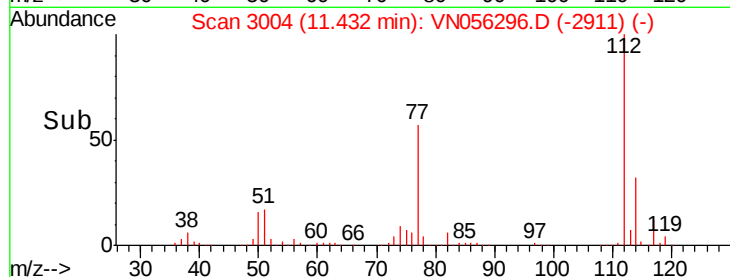
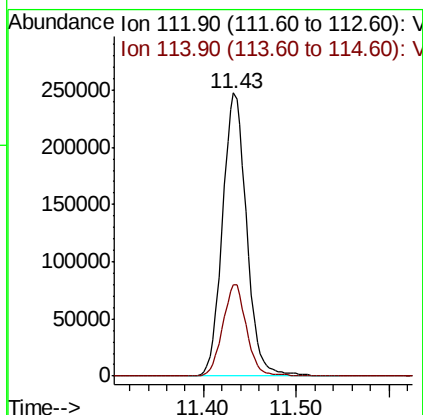
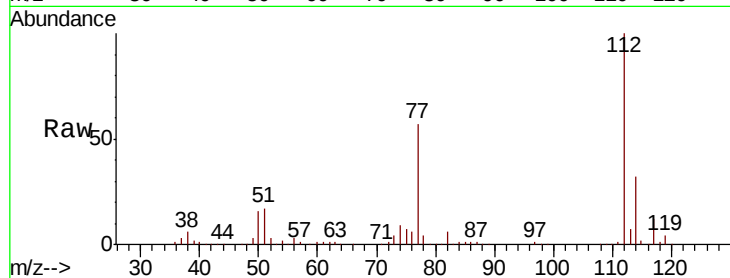




#65
Chlorobenzene
Concen: 51.876 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

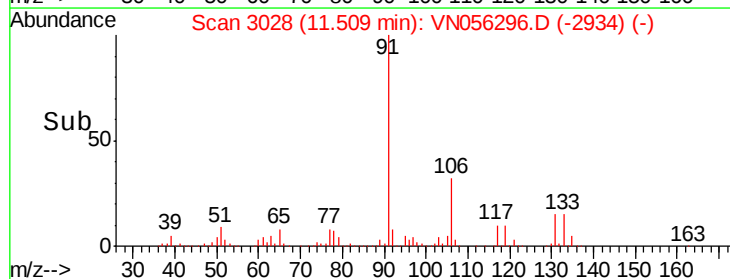
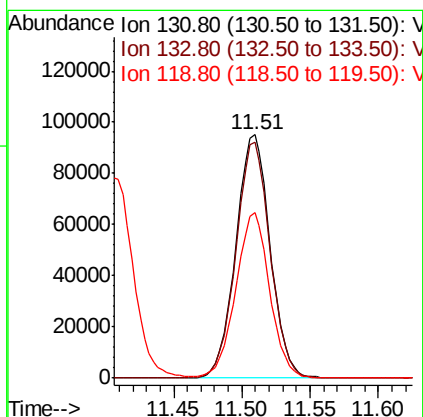
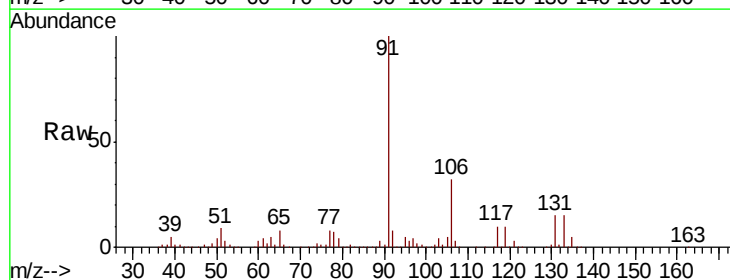
Instrument :
MSVOA_N
ClientSampled :

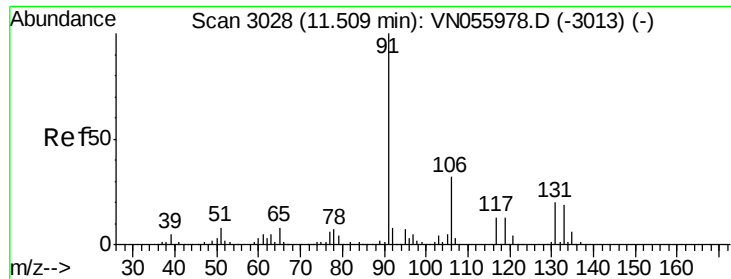
Tot Ion:112 Resp: 447028
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.890 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion:131 Resp: 166296
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.0
119 67.1 33.1 99.5

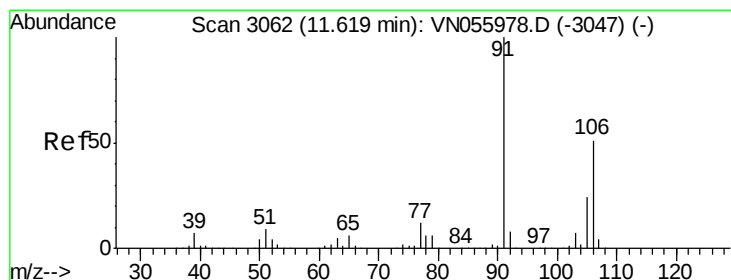
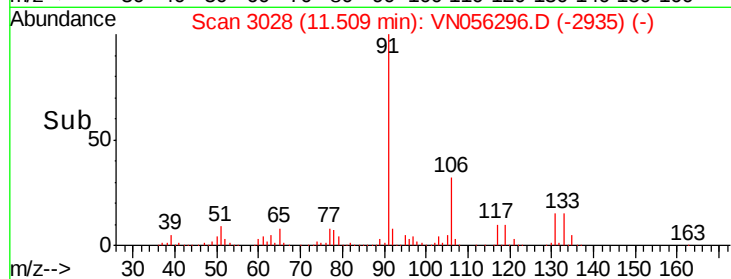
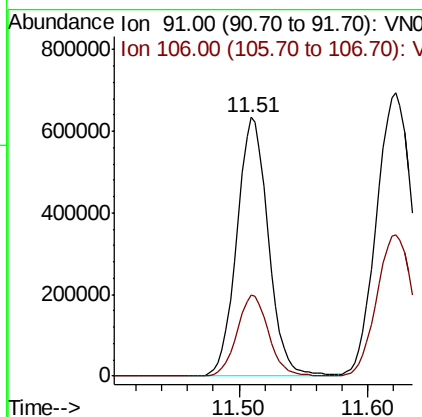
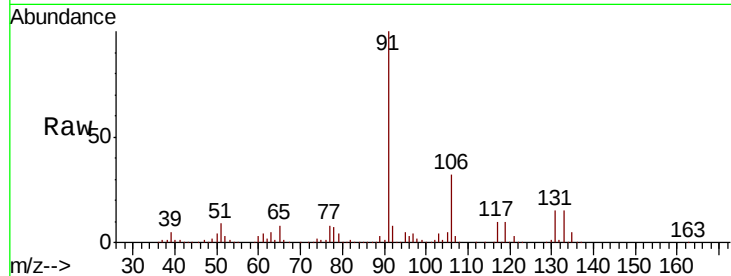




#67
Ethyl Benzene
Concen: 71.827 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

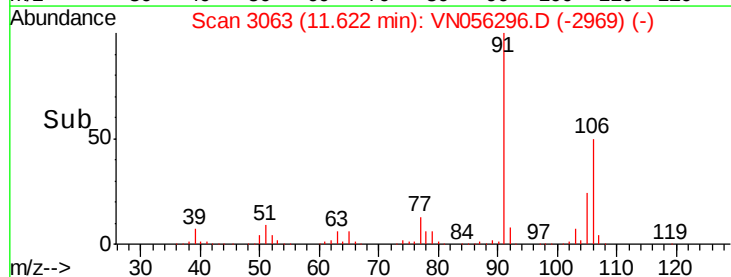
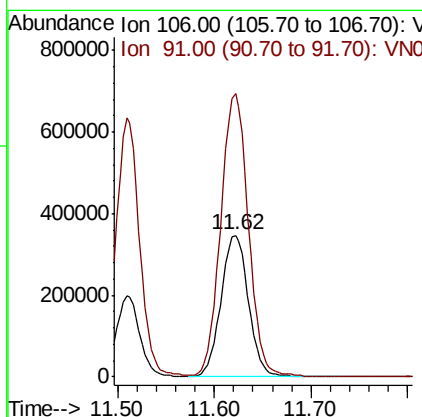
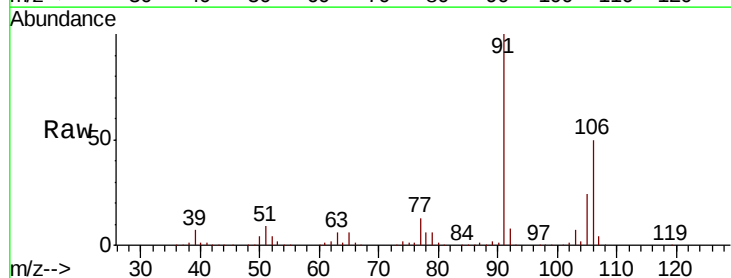
Instrument :
MSVOA_N
ClientSampled :

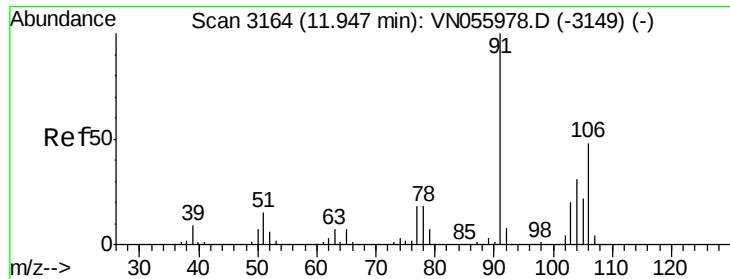
Tot Ion: 91 Resp: 1076258
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 119.958 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 106 Resp: 686641
Ion Ratio Lower Upper
106 100
91 200.9 159.3 238.9

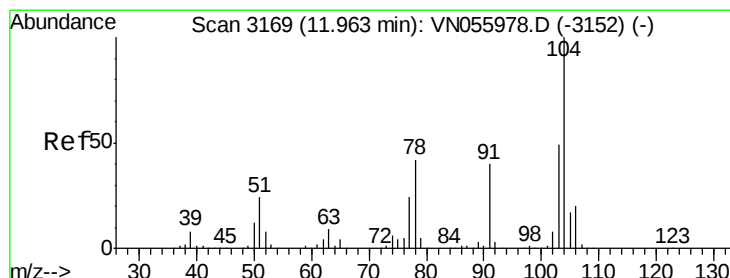
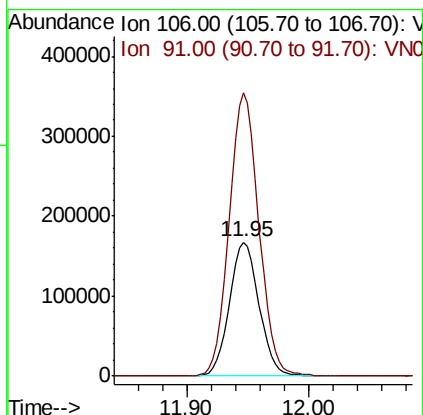
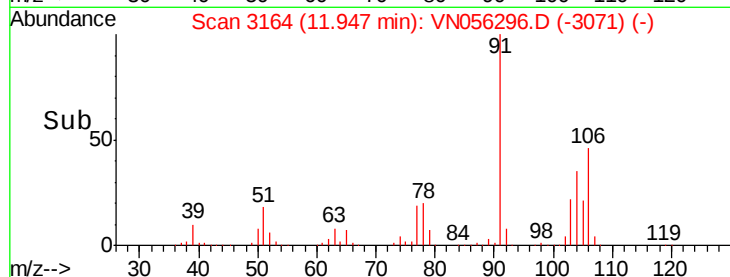
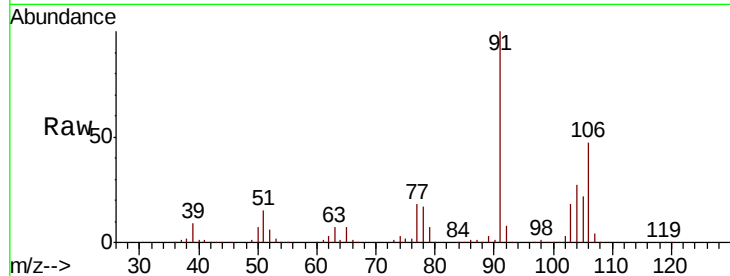




#69
o-Xylene
Concen: 50.508 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

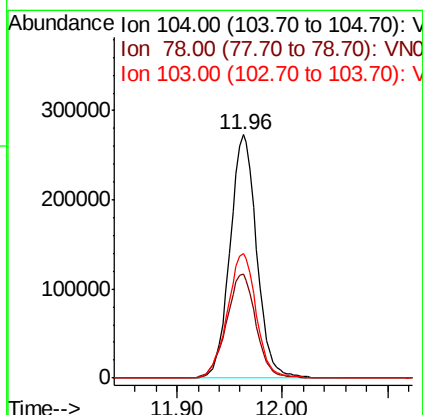
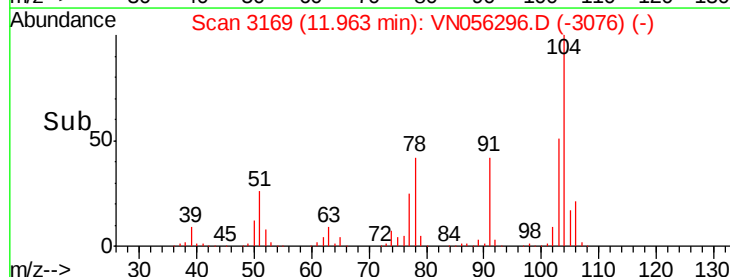
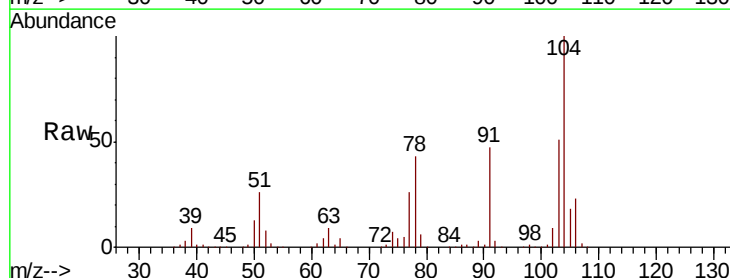
Instrument :
MSVOA_N
ClientSampled :

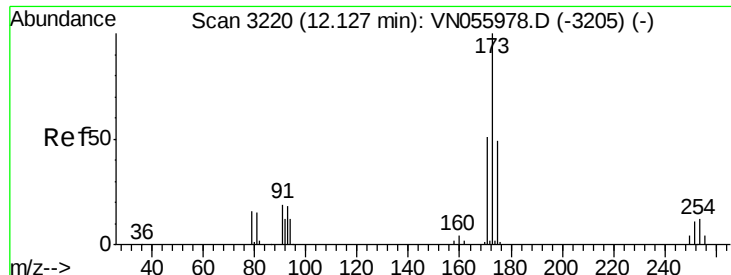
Tot Ion:106 Resp: 284388
Ion Ratio Lower Upper
106 100
91 211.3 104.7 314.1



#70
Styrene
Concen: 53.270 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion:104 Resp: 476558
Ion Ratio Lower Upper
104 100
78 47.3 37.8 56.6
103 55.4 44.2 66.2

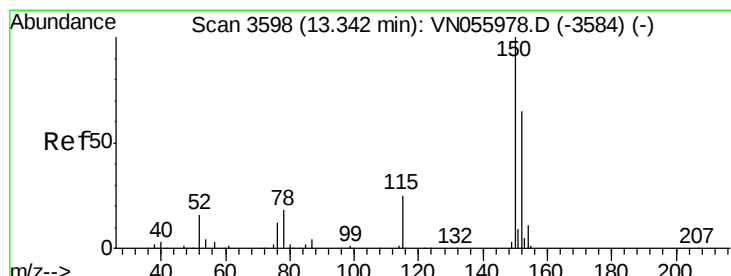
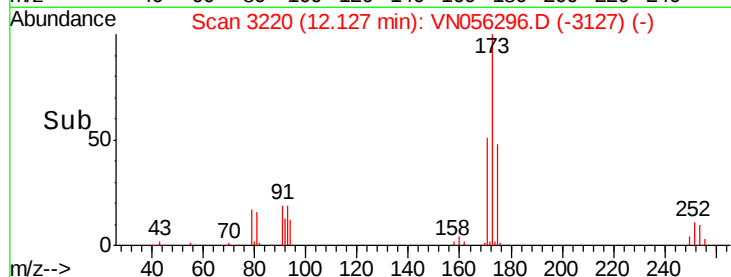
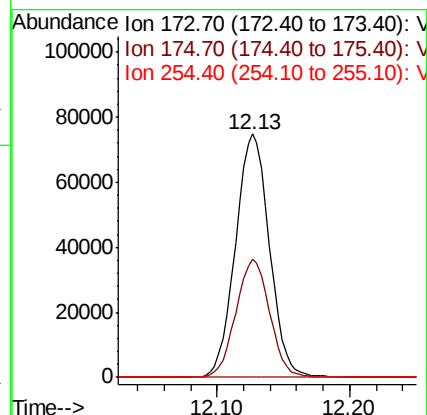
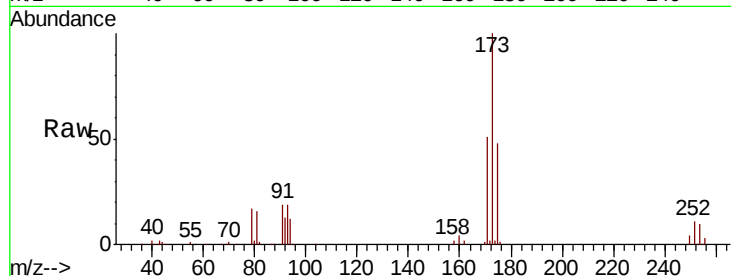




#71
Bromoform
Concen: 52.955 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

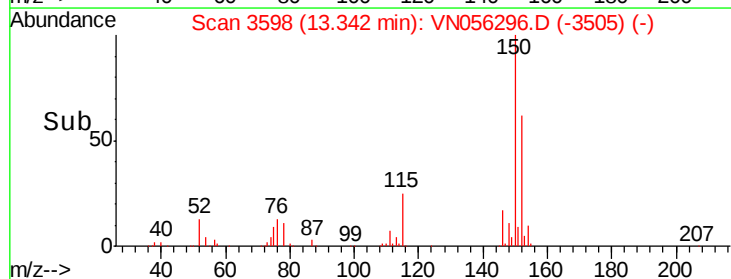
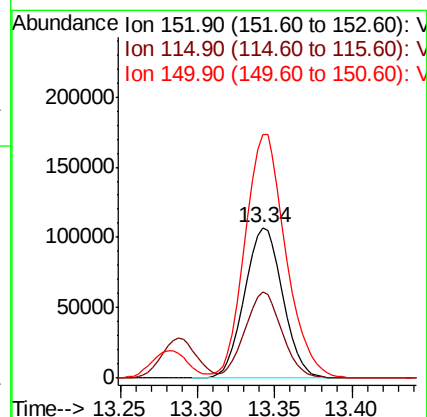
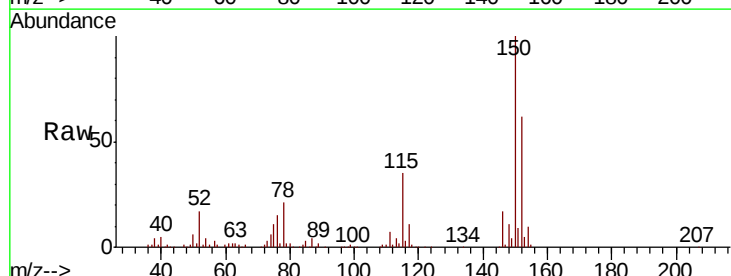
Instrument :
MSVOA_N
ClientSampled :

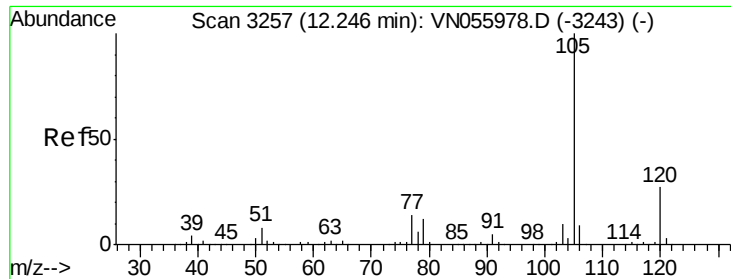
Tot Ion:173 Resp: 132712
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.8
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion:152 Resp: 183496
Ion Ratio Lower Upper
152 100
115 55.6 27.0 81.0
150 173.6 0.0 343.2





#73

Isopropylbenzene

Concen: 63.546 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

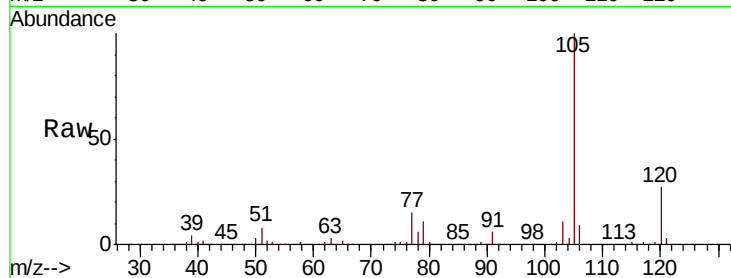
ClientSampled :

Tot Ion:105 Resp: 822582

Ion Ratio Lower Upper

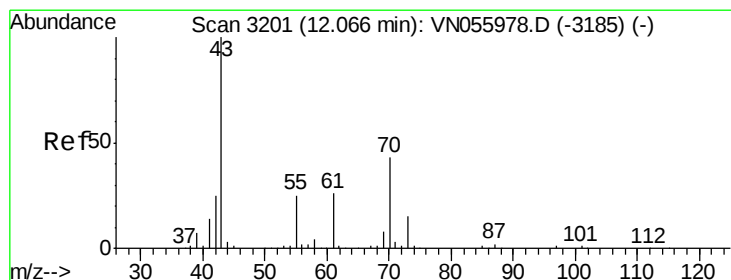
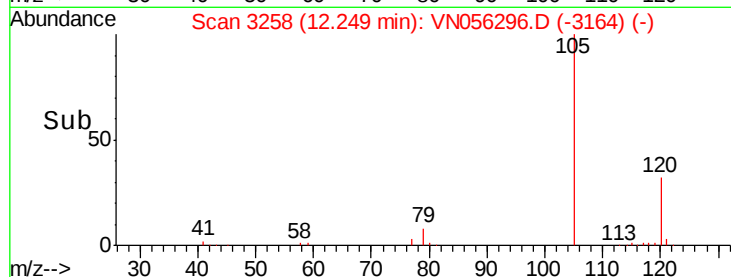
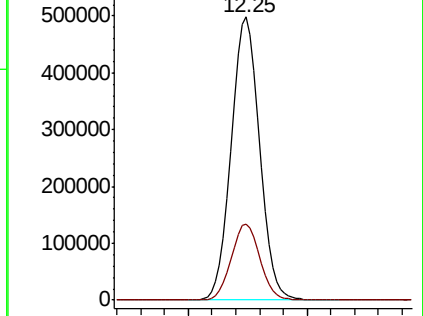
105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.031 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Tgt Ion: 43 Resp: 234935

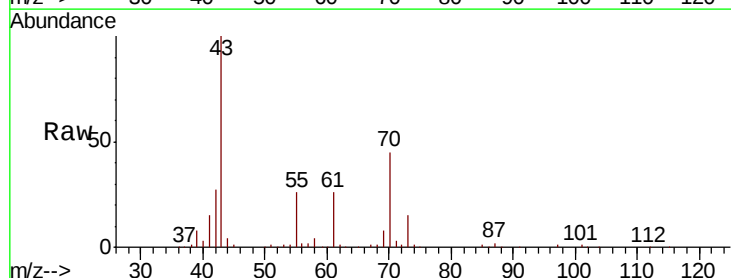
Ion Ratio Lower Upper

43 100

70 43.6 34.0 51.0

55 26.3 18.6 28.0

61 25.5 20.0 30.0

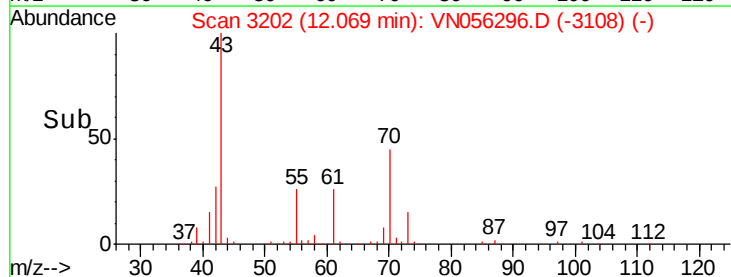
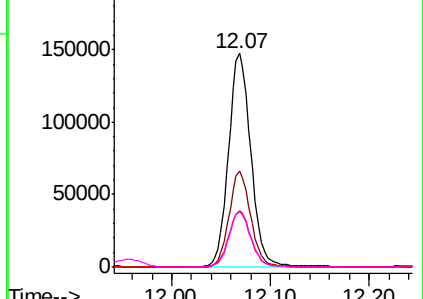


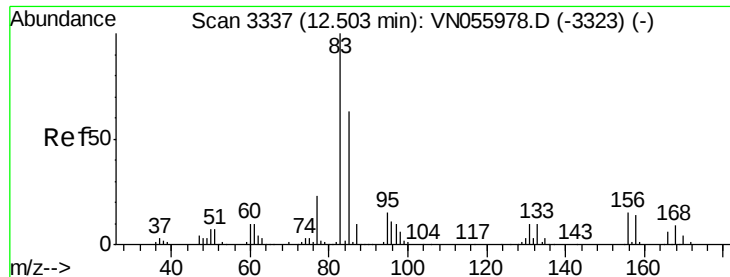
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 57.663 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

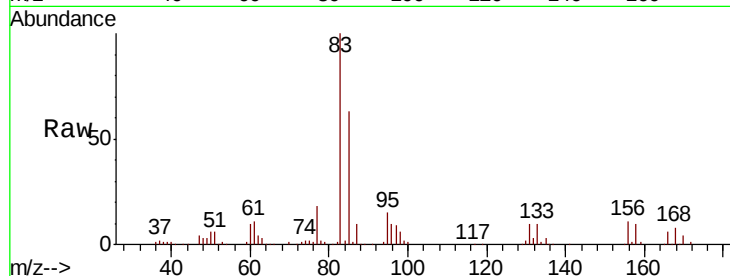
Tot Ion: 83 Resp: 245628

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

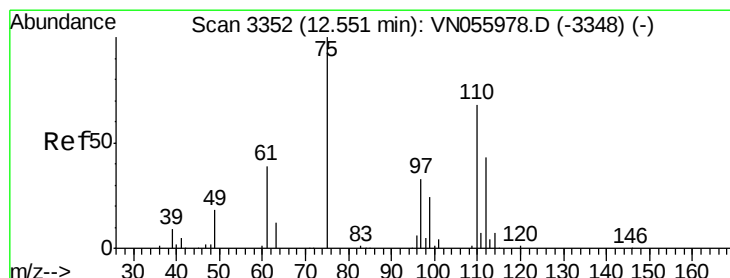
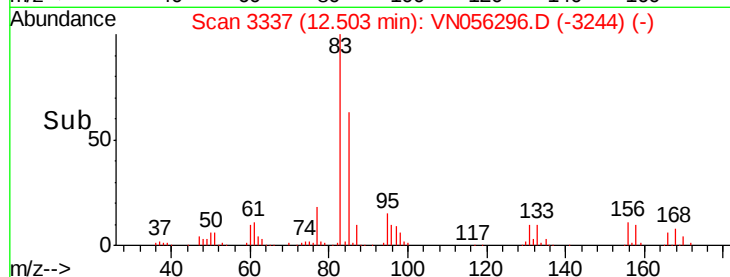
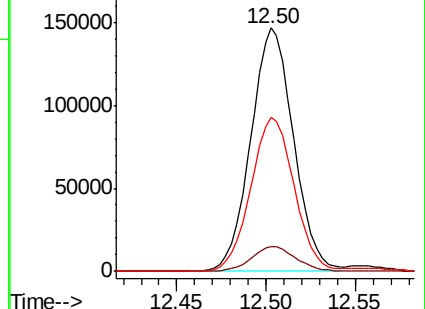
85 64.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055978.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 82.247 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056296.D

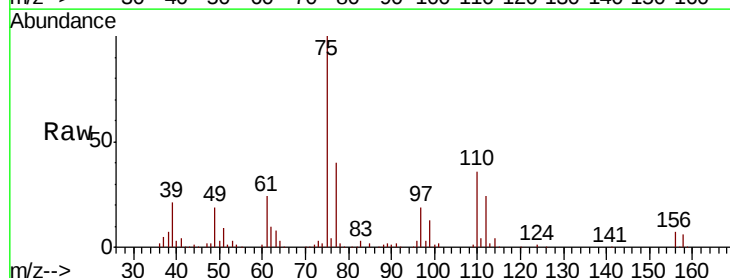
Acq: 13 Jun 2019 21:05

Tgt Ion: 75 Resp: 277699

Ion Ratio Lower Upper

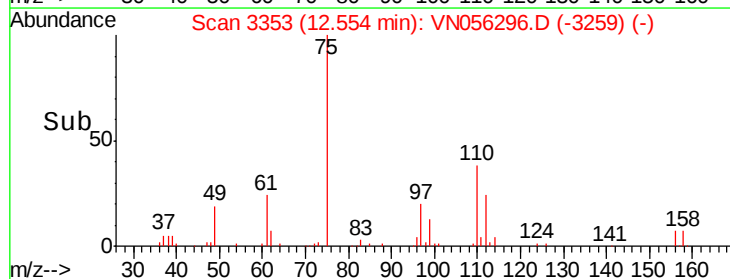
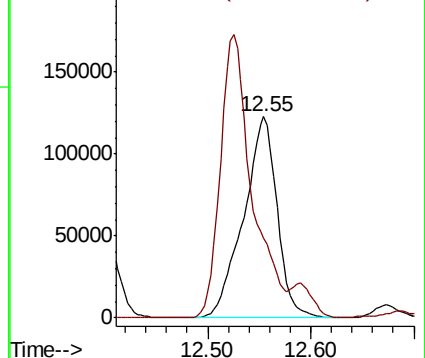
75 100

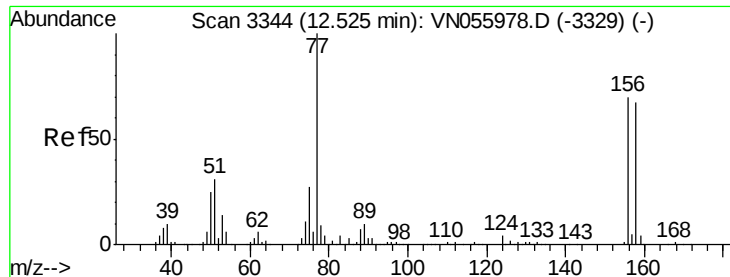
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055978.D (-3348) (-)





#77

Bromobenzene

Concen: 51.206 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

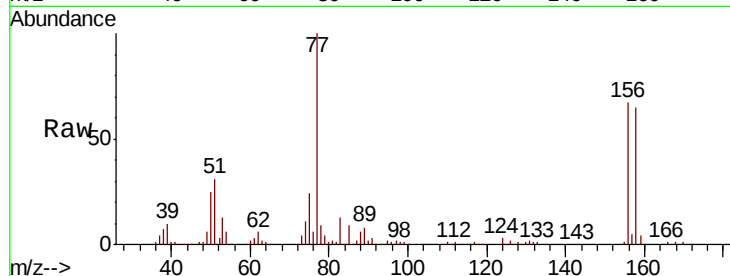
Tot Ion:156 Resp: 201168

Ion Ratio Lower Upper

156 100

77 183.4 90.8 272.5

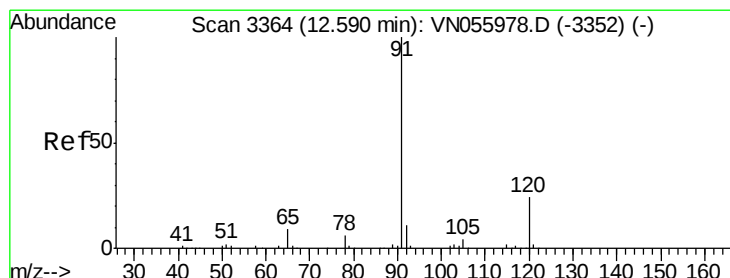
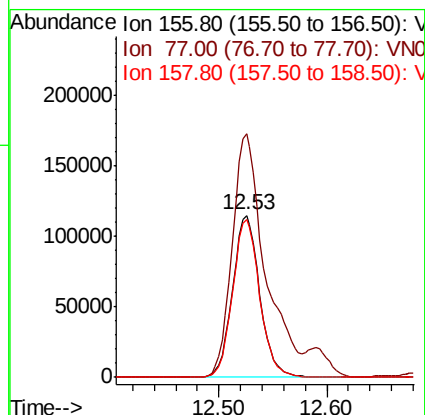
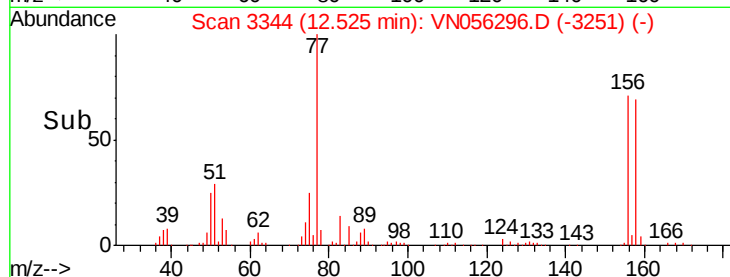
158 97.2 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.296 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056296.D

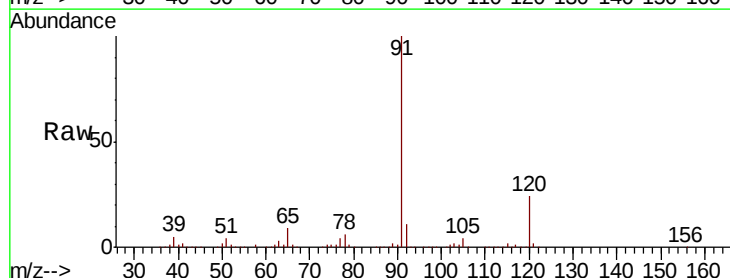
Acq: 13 Jun 2019 21:05

Tgt Ion: 91 Resp: 873913

Ion Ratio Lower Upper

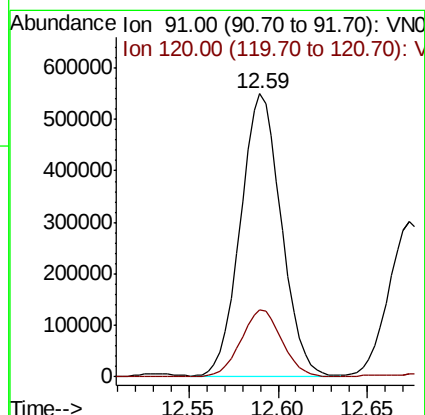
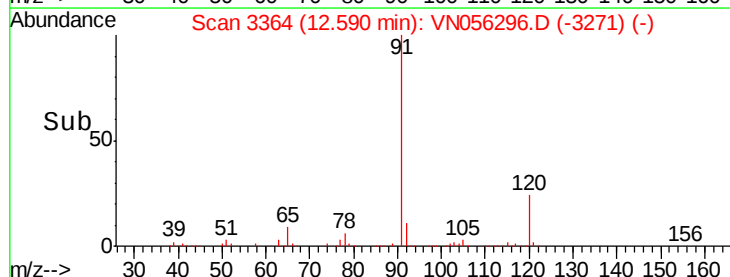
91 100

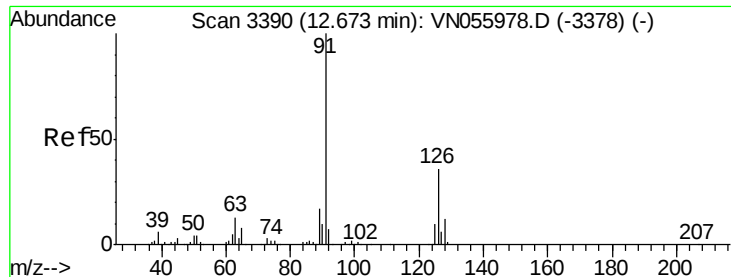
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 59.168 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

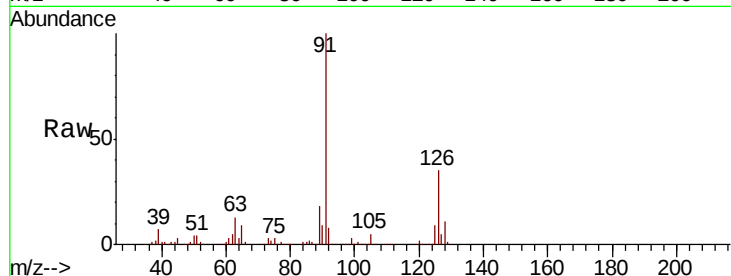
ClientSampled :

Tot Ion: 91 Resp: 505801

Ion Ratio Lower Upper

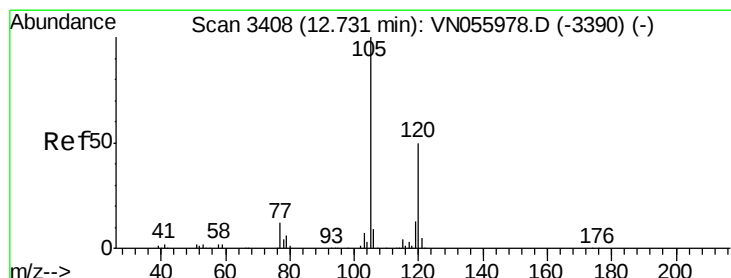
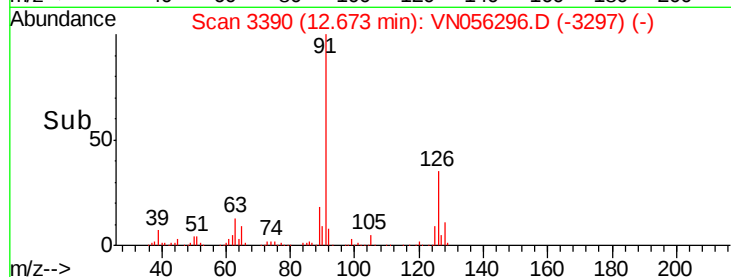
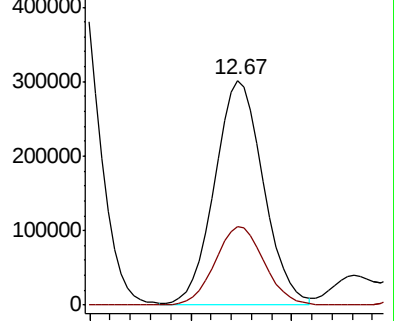
91 100

126 35.6 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.174 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056296.D

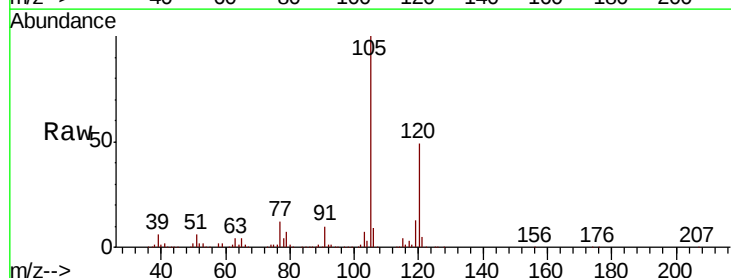
Acq: 13 Jun 2019 21:05

Tgt Ion: 105 Resp: 643704

Ion Ratio Lower Upper

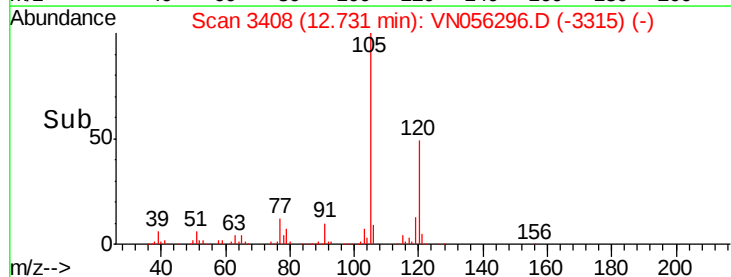
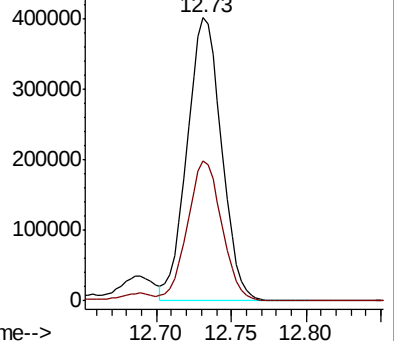
105 100

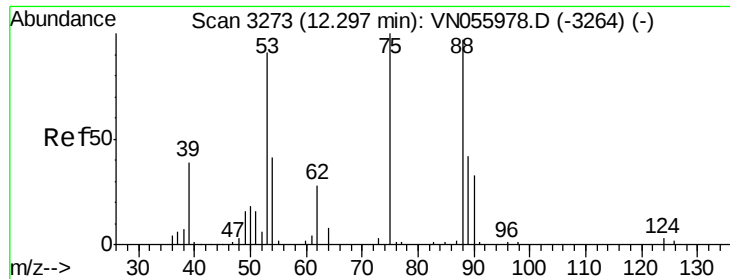
120 49.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.440 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

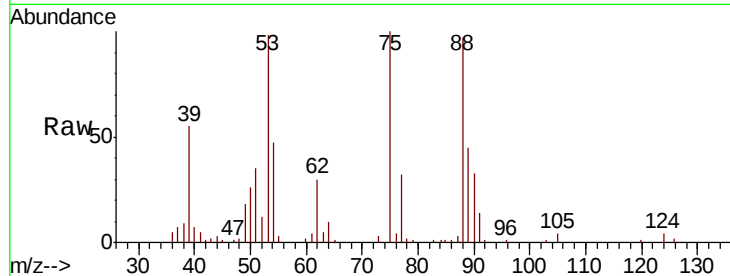
Tot Ion: 75 Resp: 53168

Ion Ratio Lower Upper

75 100

53 99.9 68.1 102.1

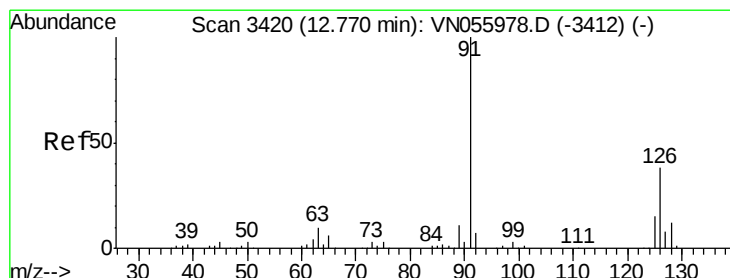
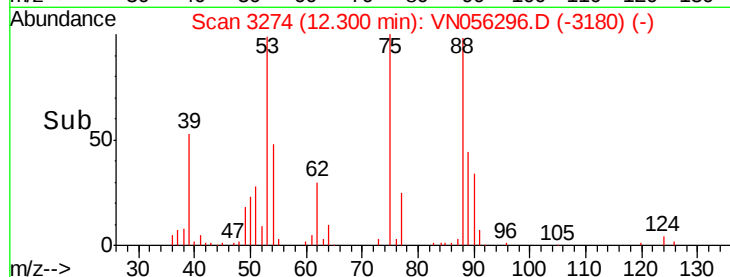
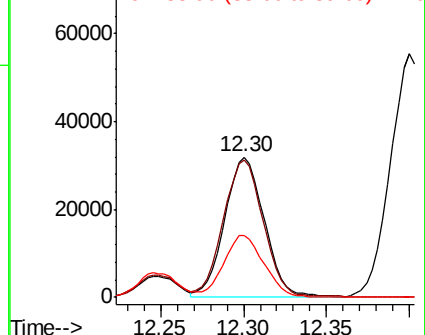
89 44.9 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 52.326 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056296.D

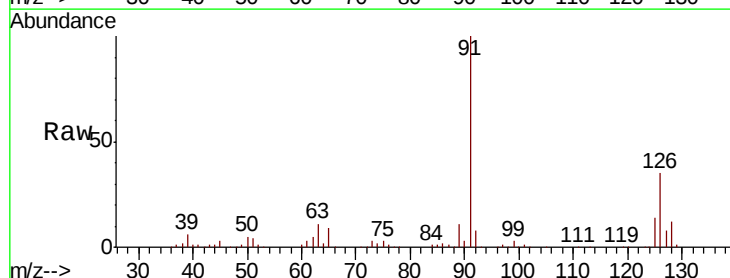
Acq: 13 Jun 2019 21:05

Tgt Ion: 91 Resp: 475226

Ion Ratio Lower Upper

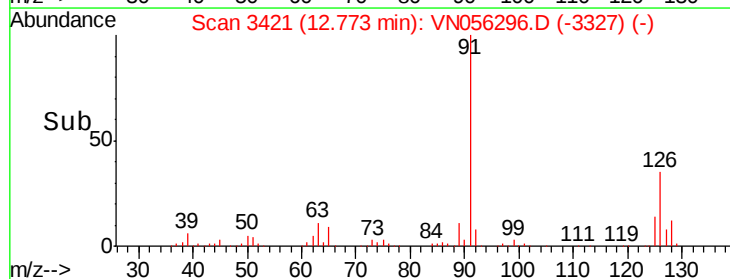
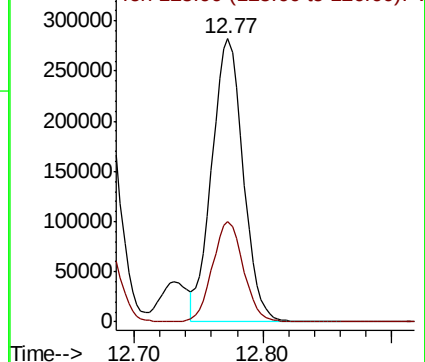
91 100

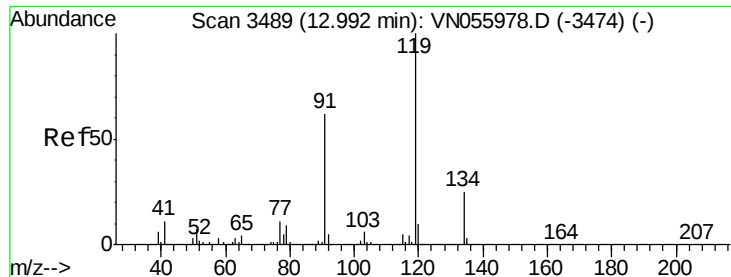
126 35.2 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

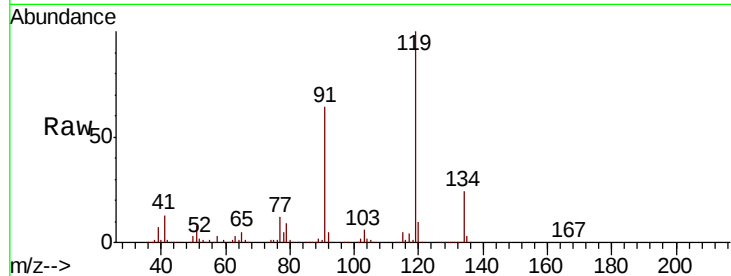




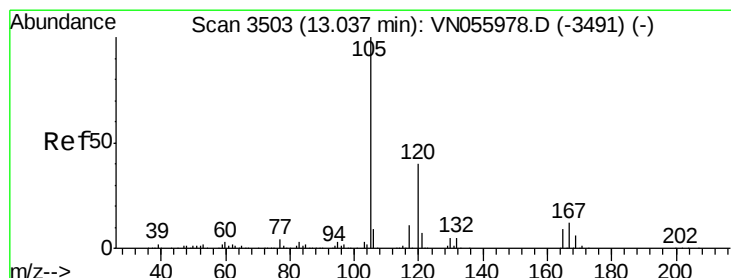
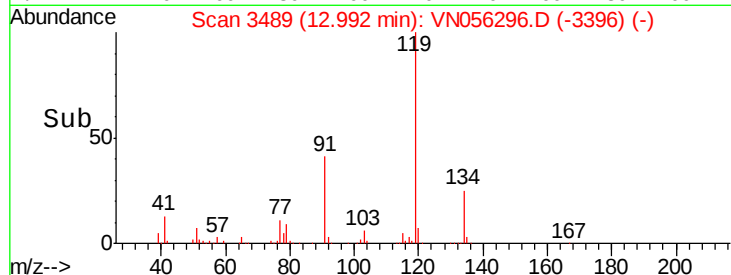
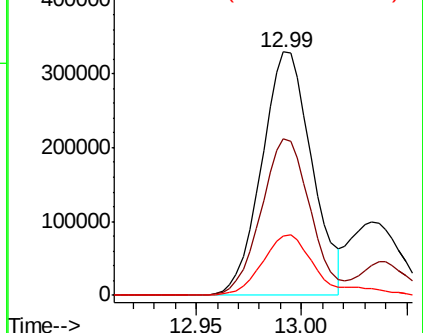
#83
tert-Butylbenzene
Concen: 57.485 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 546371
Ion Ratio Lower Upper
119 100
91 63.0 30.9 92.8
134 27.0 13.3 39.8

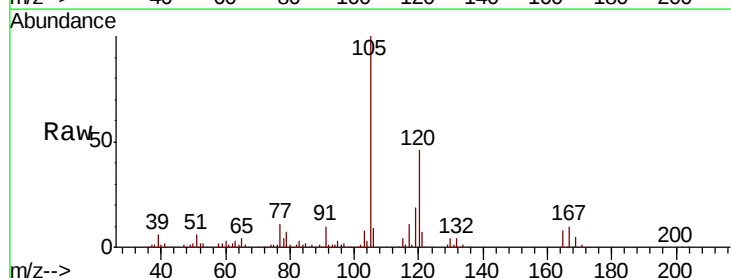


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN
Ion 134.00 (133.70 to 134.70): V

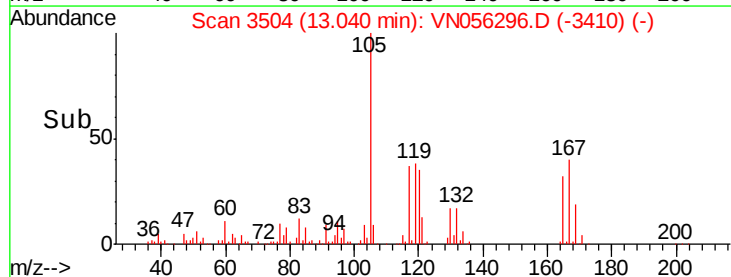
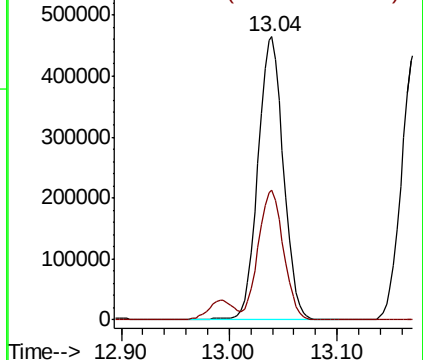


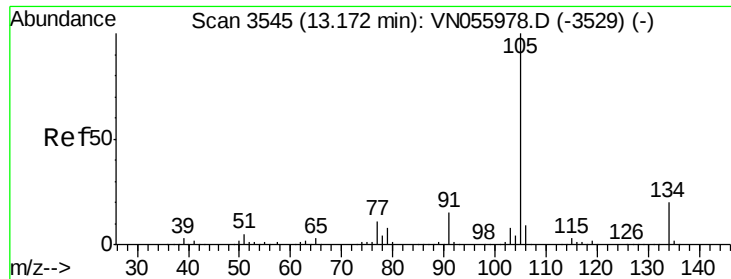
#84
1,2,4-Trimethylbenzene
Concen: 64.725 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion:105 Resp: 757259
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

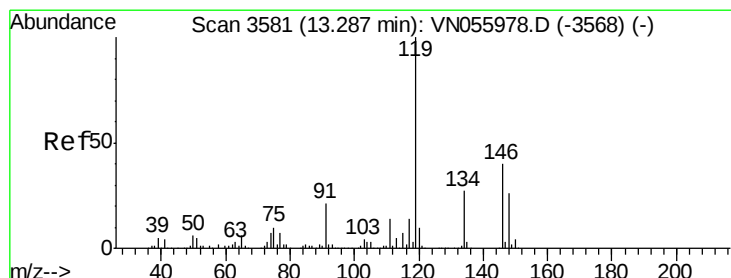
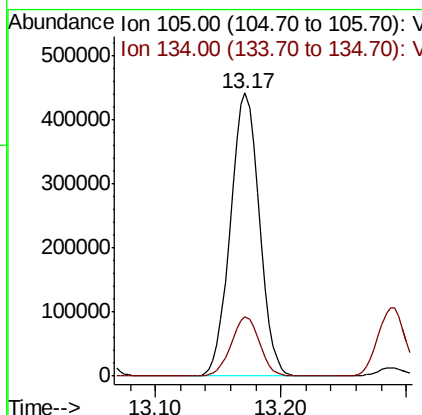
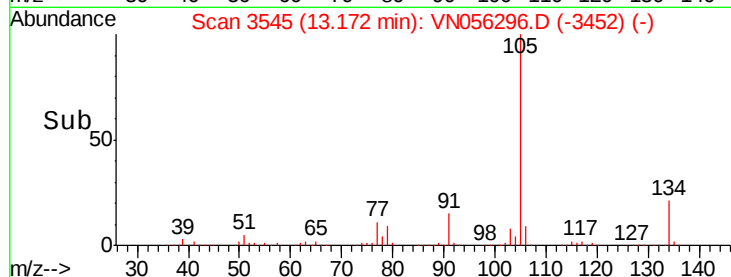
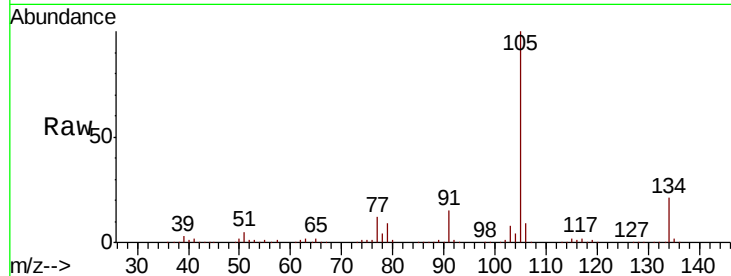




#85
 sec-Butylbenzene
 Concen: 51.420 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

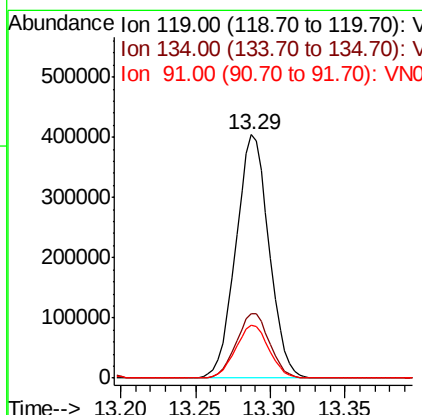
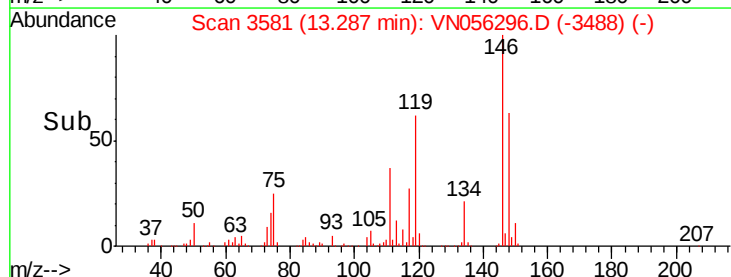
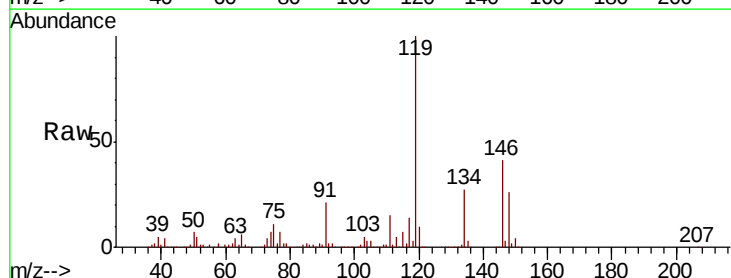
Instrument :
 MSVOA_N
 ClientSampled :

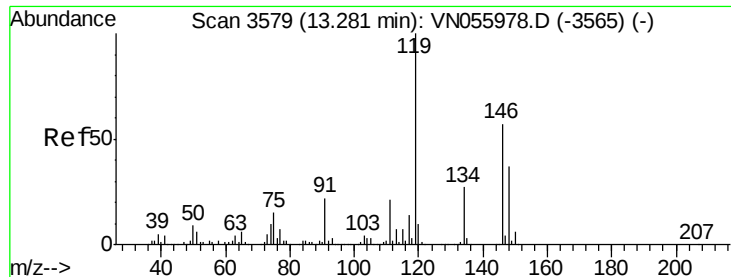
Tot Ion:105 Resp: 706902
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 50.465 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion:119 Resp: 620908
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 51.360 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056296.D

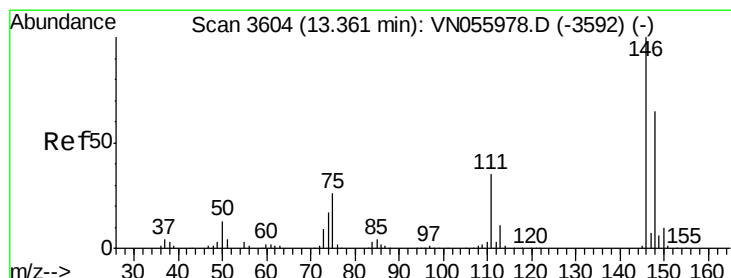
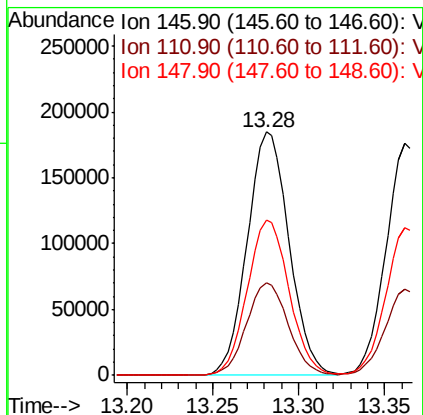
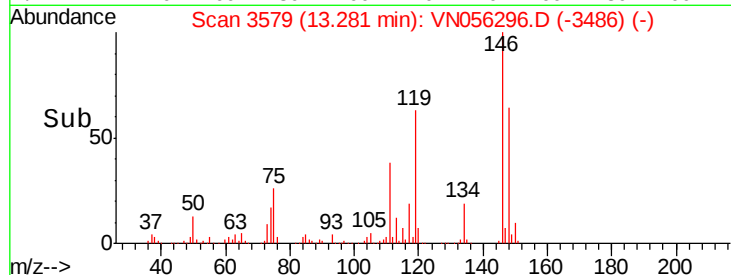
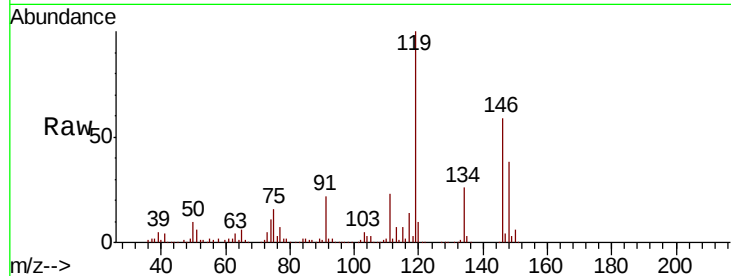
Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:146	Resp:	312287
Ion	Ratio	Lower Upper
146	100	
111	38.0	18.5 55.5
148	63.8	32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 50.867 ug/l

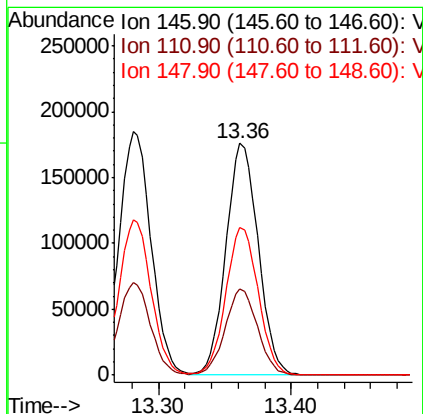
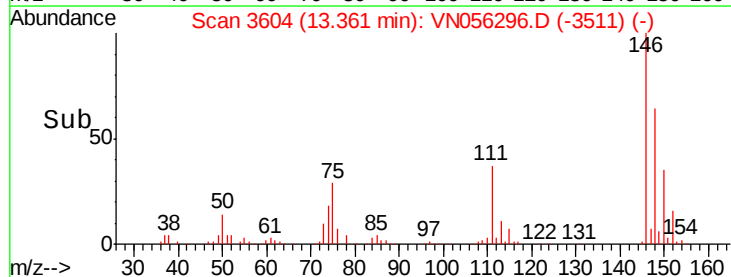
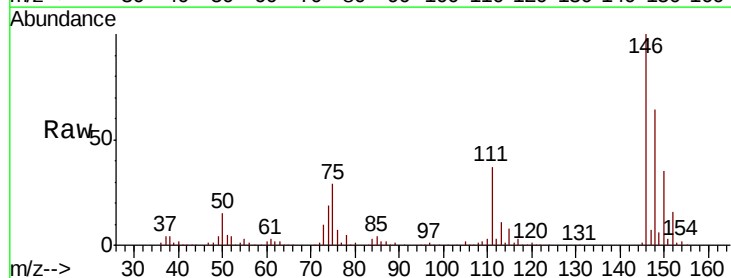
RT: 13.36 min Scan# 3604

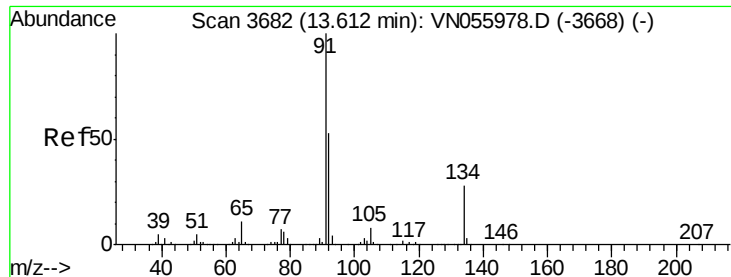
Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Tgt Ion:146	Resp:	297523
Ion	Ratio	Lower Upper
146	100	
111	37.1	18.1 54.4
148	64.0	32.1 96.5





#89

n-Butylbenzene

Concen: 50.709 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

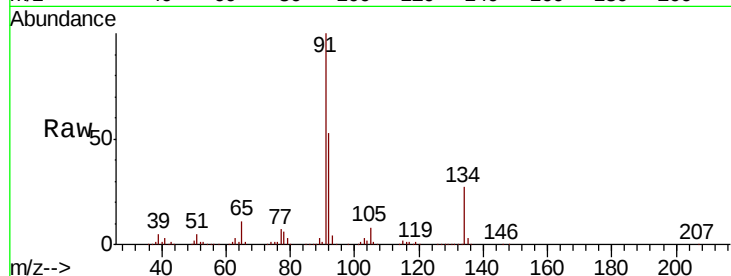
Tot Ion: 91 Resp: 462183

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.0

134 27.4 13.9 41.7

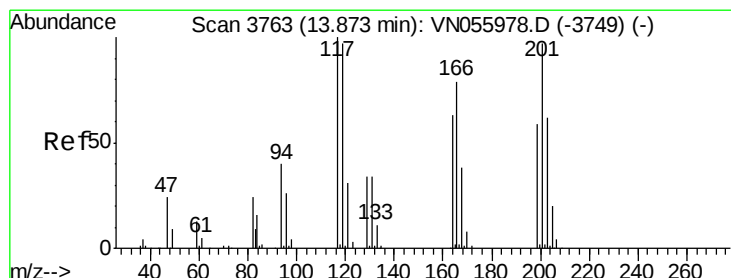
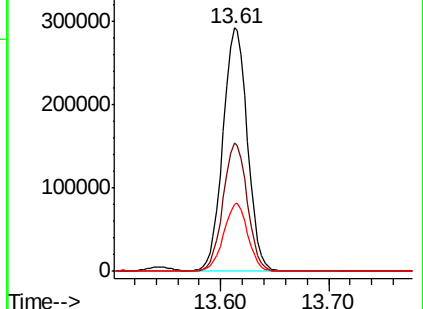
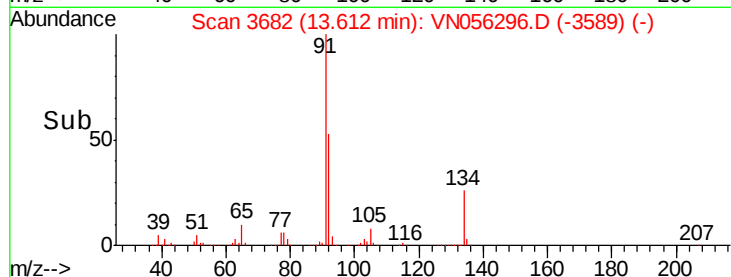


Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 59.187 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056296.D

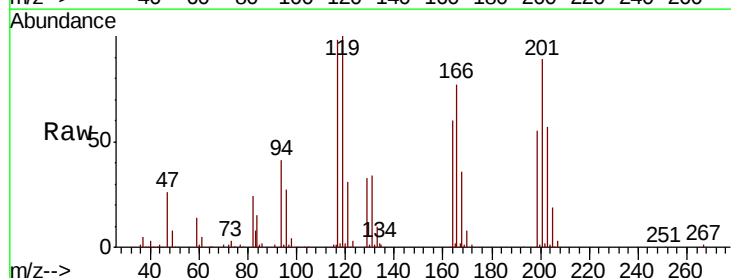
Acq: 13 Jun 2019 21:05

Tgt Ion: 117 Resp: 109821

Ion Ratio Lower Upper

117 100

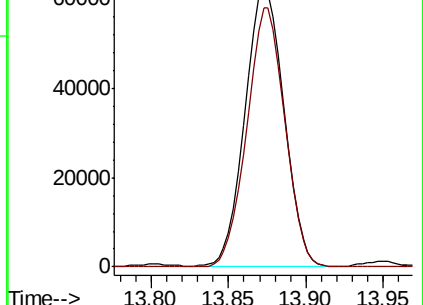
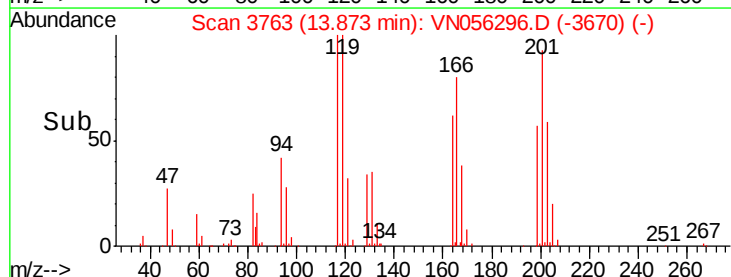
201 90.4 50.0 150.0

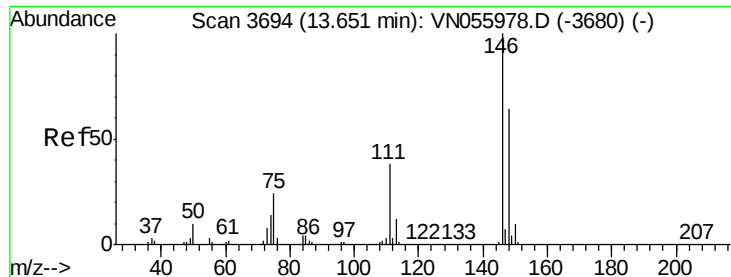


Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 50.877 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

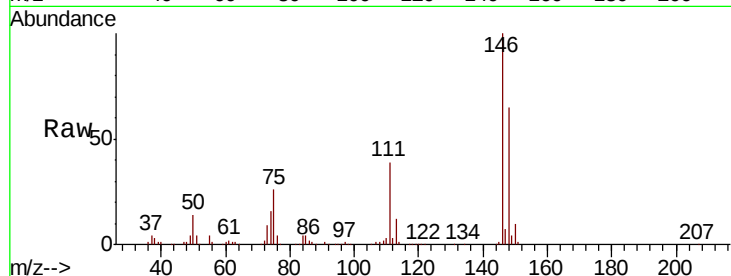
Tot Ion:146 Resp: 312326

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

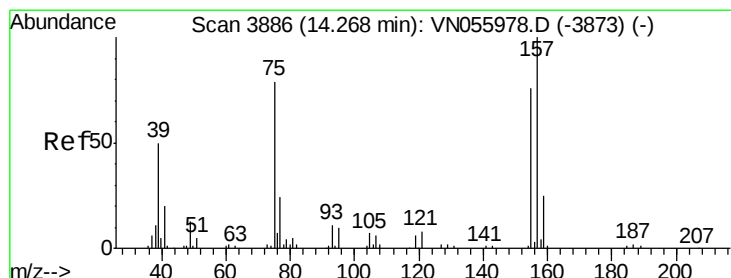
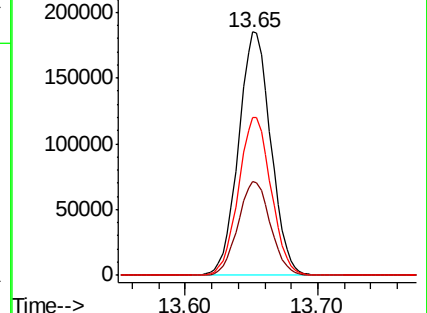
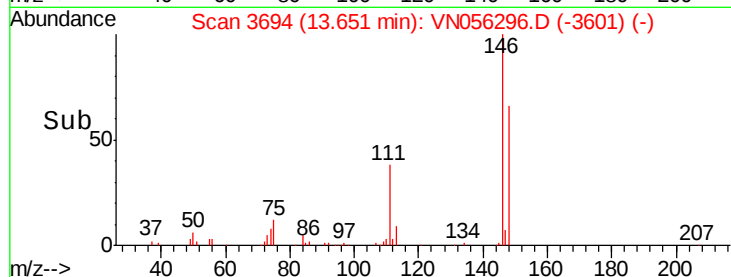
148 65.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 63.456 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

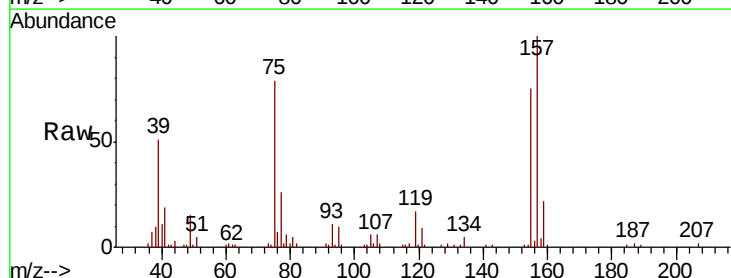
Tgt Ion: 75 Resp: 38662

Ion Ratio Lower Upper

75 100

155 98.6 50.0 150.1

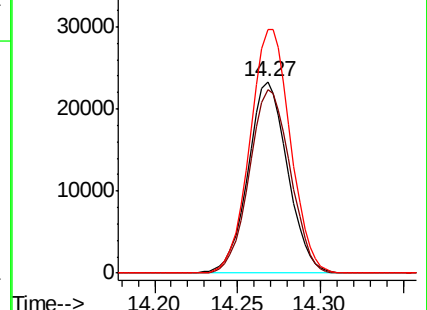
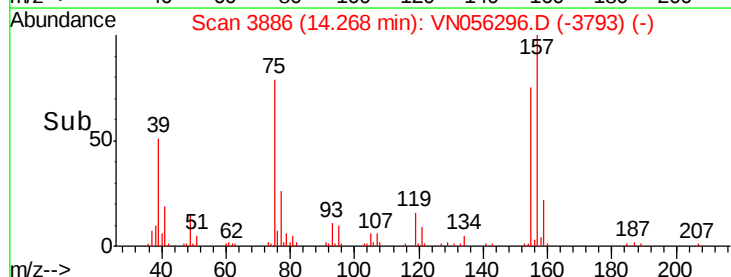
157 129.8 64.8 194.3

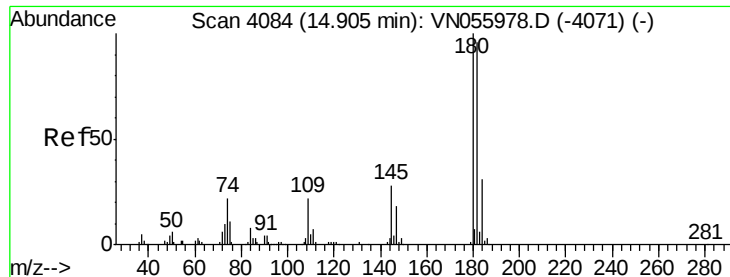


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

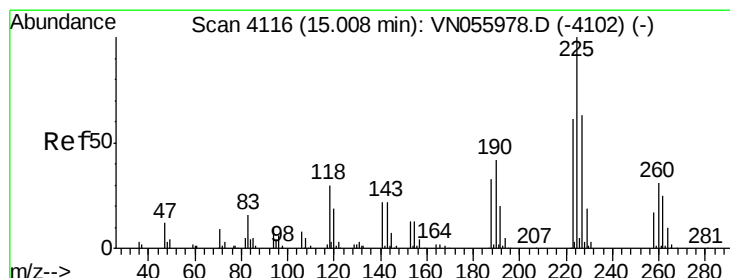
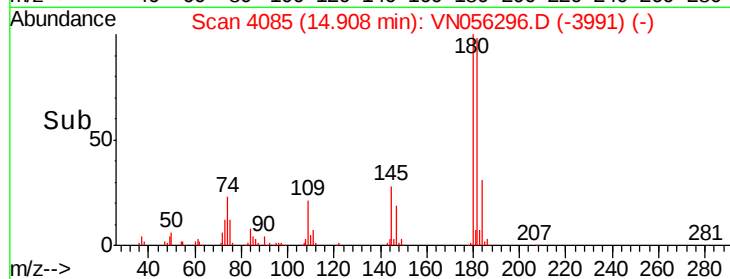
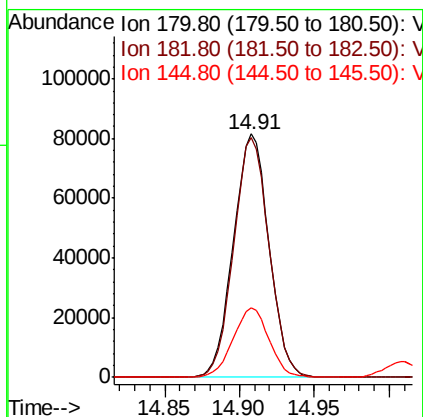
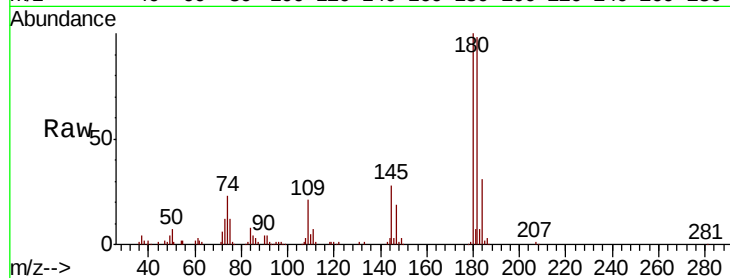




#93
 1,2,4-Trichlorobenzene
 Concen: 40.752 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

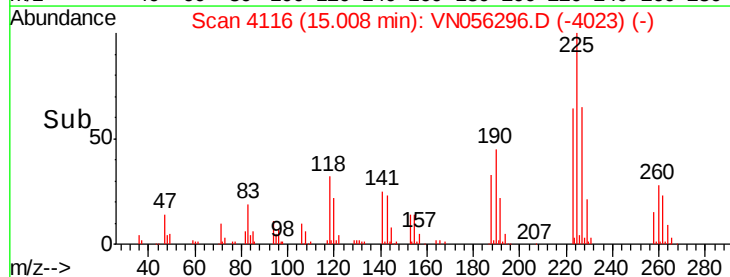
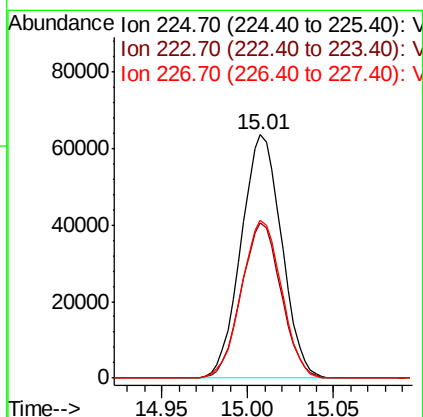
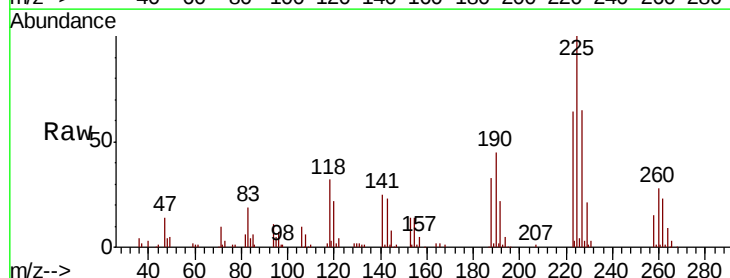
Instrument :
 MSVOA_N
 ClientSampled :

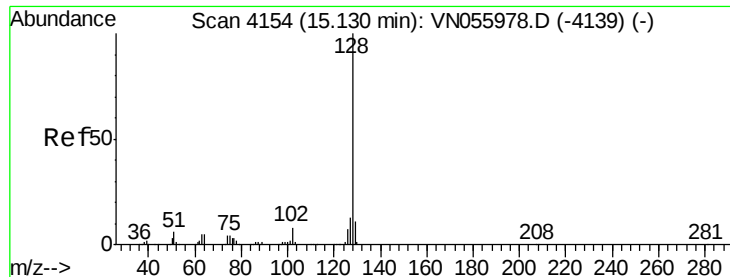
Tot Ion:180 Resp: 134938
 Ion Ratio Lower Upper
 180 100
 182 97.6 48.3 144.9
 145 28.9 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 49.457 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion:225 Resp: 104179
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.9 92.7
 227 64.2 31.6 94.7





#95

Naphthalene

Concen: 49.827 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

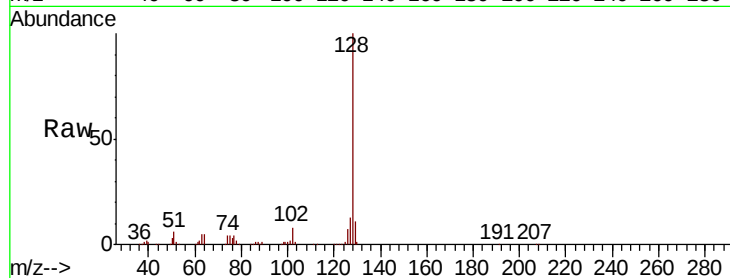
Tot Ion:128 Resp: 437191

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13

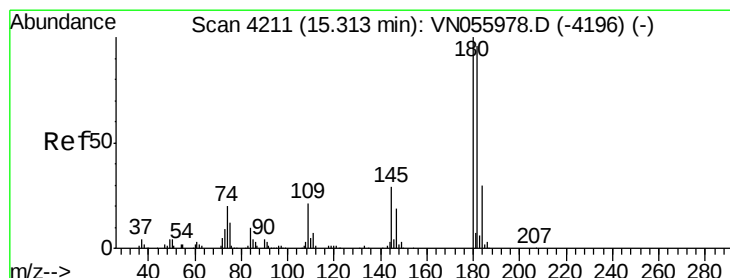
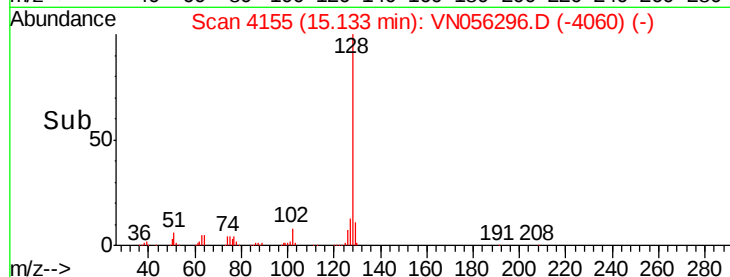
300000

200000

100000

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 45.441 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

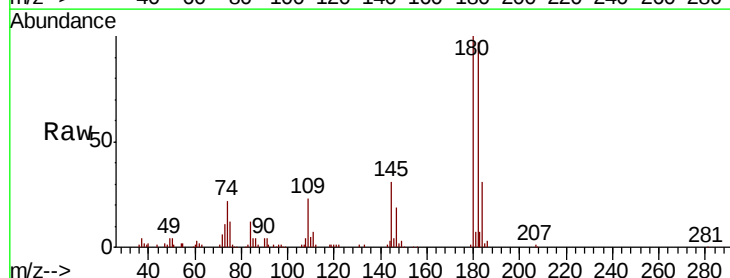
Tgt Ion:180 Resp: 155647

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 30.6 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.31

120000

100000

80000

60000

40000

20000

0

Time-->

