

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055971.D
 Acq On : 3 Jun 2019 19:15
 Operator : JC/SP
 Sample : VN0603MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 04 01:52:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	296252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	452048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	399735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165507	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	161145	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.59	113	140762	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.09	98	542945	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.40	95	183229	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	35487	17.799	ug/l	100
3) Chloromethane	2.06	50	53818	19.265	ug/l	97
4) Vinyl Chloride	2.18	62	56551	18.980	ug/l	97
5) Bromomethane	2.53	94	39280	21.072	ug/l	98
6) Chloroethane	2.68	64	35684	19.892	ug/l	96
7) Trichlorofluoromethane	3.00	101	75220	19.256	ug/l	98
8) Diethyl Ether	3.40	74	35150	20.077	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	47663	19.547	ug/l	100
10) Methyl Iodide	3.94	142	76049	21.332	ug/l	99
11) Tert butyl alcohol	4.82	59	58136	99.453	ug/l	98
12) 1,1-Dichloroethene	3.72	96	49240	19.543	ug/l	97
13) Acrolein	3.60	56	27127	64.809	ug/l	97
14) Allyl chloride	4.31	41	78964	18.282	ug/l	98
15) Acrylonitrile	4.99	53	146021	108.784	ug/l	99
16) Acetone	3.82	43	125572	93.371	ug/l	99
17) Carbon Disulfide	4.04	76	94118	13.148	ug/l	99
18) Methyl Acetate	4.33	43	65674	23.347	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	175150	20.844	ug/l	99
20) Methylene Chloride	4.54	84	61496	21.114	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	53702	19.840	ug/l	99
22) Diisopropyl ether	5.95	45	178086	21.199	ug/l	98
23) Vinyl Acetate	5.90	43	699231	97.079	ug/l	99
24) 1,1-Dichloroethane	5.84	63	100252	20.496	ug/l	100
25) 2-Butanone	6.84	43	194780	103.705	ug/l	100
26) 2,2-Dichloropropane	6.82	77	64971	15.348	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	65586	20.768	ug/l	97
28) Bromochloromethane	7.19	49	48897	20.997	ug/l	100
29) Tetrahydrofuran	7.22	42	127148	106.899	ug/l	99
30) Chloroform	7.37	83	101065	20.719	ug/l	100
31) Cyclohexane	7.65	56	87789	19.117	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	82909	19.047	ug/l	98
36) 1,1-Dichloropropene	7.79	75	70970	18.015	ug/l	99
37) Ethyl Acetate	6.93	43	75240	19.761	ug/l	99
38) Carbon Tetrachloride	7.77	117	66843	16.290	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	83875	17.194	ug/l	99
40) Benzene	8.04	78	231900	19.532	ug/l	99
41) Methacrylonitrile	7.18	41	39674	20.626	ug/l	95
42) 1,2-Dichloroethane	8.12	62	76429	19.700	ug/l	100
43) Isopropyl Acetate	8.17	43	123147	19.250	ug/l #	92
44) Trichloroethene	8.83	130	65472	19.781	ug/l	100
45) 1,2-Dichloropropane	9.12	63	62017	20.049	ug/l	97
46) Dibromomethane	9.21	93	40279	19.855	ug/l	99
47) Bromodichloromethane	9.40	83	70862	17.035	ug/l	98
48) Methyl methacrylate	9.20	41	59118	20.052	ug/l	98
49) 1,4-Dioxane	9.20	88	26576	433.766	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	390554	103.371	ug/l	100
52) Toluene	10.16	92	149891	20.074	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	72391	16.303	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	86664	17.618	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	62083	20.754	ug/l	98
56) Ethyl methacrylate	10.43	69	91891	19.876	ug/l	99
57) 1,3-Dichloropropane	10.71	76	98311	20.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	161938	91.658	ug/l	100
59) 2-Hexanone	10.75	43	267248	99.709	ug/l	99
60) Dibromochloromethane	10.90	129	55995	16.068	ug/l	98
61) 1,2-Dibromoethane	11.00	107	61788	19.914	ug/l	99
64) Tetrachloroethene	10.63	164	68841	20.419	ug/l	98
65) Chlorobenzene	11.43	112	162113	20.258	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	56290	17.637	ug/l	99
67) Ethyl Benzene	11.51	91	282721	19.701	ug/l	98
68) m/p-Xylenes	11.62	106	213540	39.361	ug/l	100
69) o-Xylene	11.95	106	106078	19.708	ug/l	98
70) Styrene	11.96	104	173340	19.887	ug/l	100
71) Bromoform	12.13	173	37432	13.750	ug/l #	99
73) Isopropylbenzene	12.25	105	280944	22.390	ug/l	100
74) N-amyl acetate	12.07	43	97525	20.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	85345	22.666	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	97174	33.029	ug/l #	100
77) Bromobenzene	12.53	156	85248	24.138	ug/l	82
78) n-propylbenzene	12.59	91	294164	20.450	ug/l	100
79) 2-Chlorotoluene	12.67	91	182441	22.125	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	229271	21.686	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	17407	14.151	ug/l #	85
82) 4-Chlorotoluene	12.77	91	171467	20.278	ug/l	99
83) tert-Butylbenzene	12.99	119	206145	22.395	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	226242	21.535	ug/l	100
85) sec-Butylbenzene	13.17	105	264374	22.426	ug/l	99
86) p-Isopropyltoluene	13.29	119	236650	20.589	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	114331	20.444	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	107247	20.171	ug/l	99
89) n-Butylbenzene	13.61	91	169953	19.298	ug/l	99
90) Hexachloroethane	13.87	117	32569	14.887	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	115880	20.769	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11782	16.066	ug/l	95

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QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

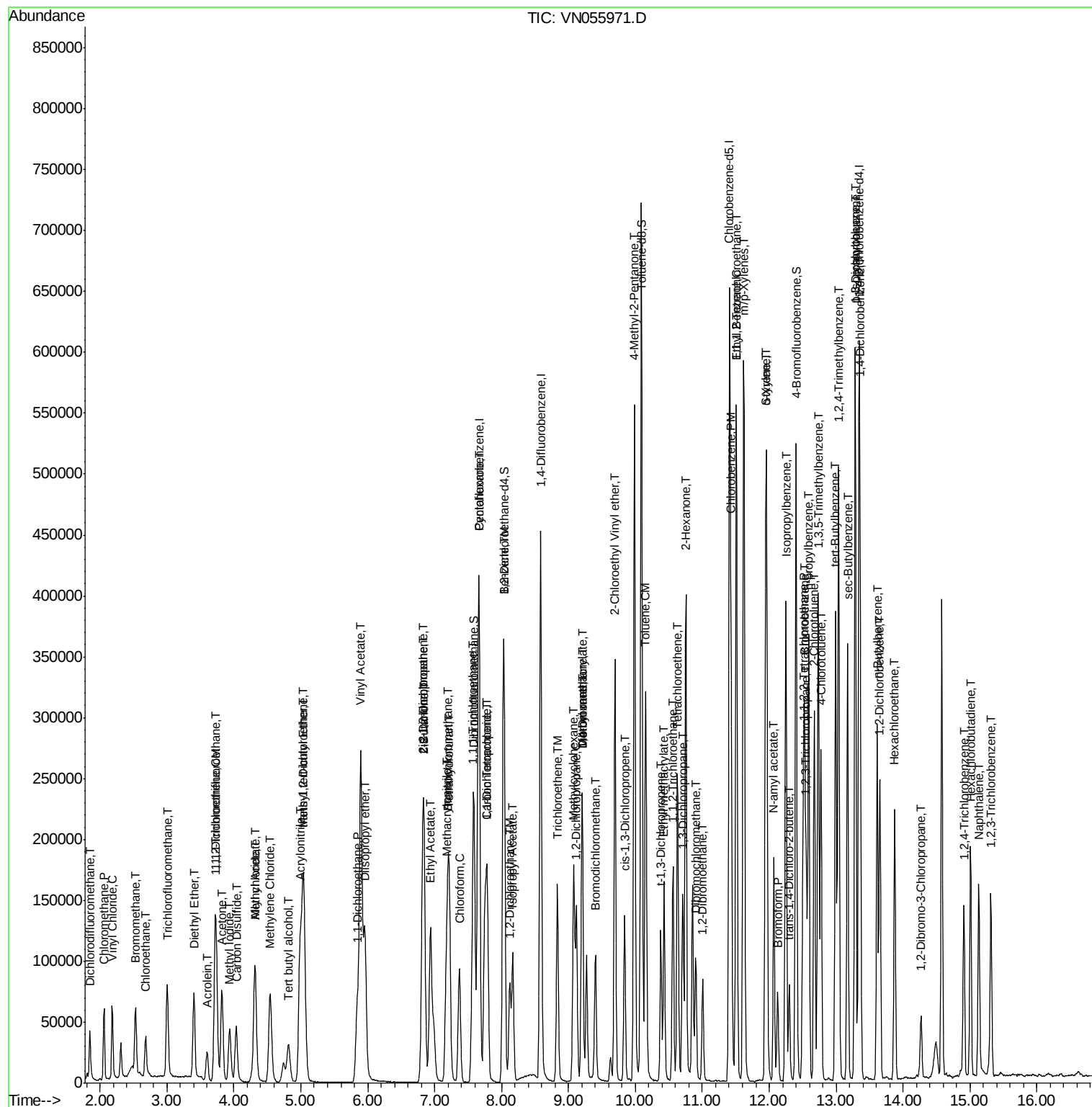
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50129	18.117	ug/l	99
94) Hexachlorobutadiene	15.01	225	41090	19.824	ug/l	99
95) Naphthalene	15.13	128	143148	18.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	57135	19.372	ug/l	99

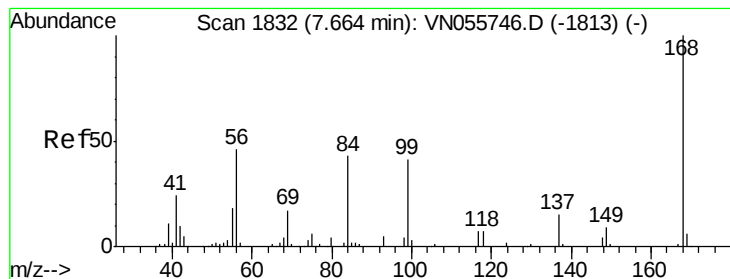
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055971.D

Acq: 3 Jun 2019 19:15

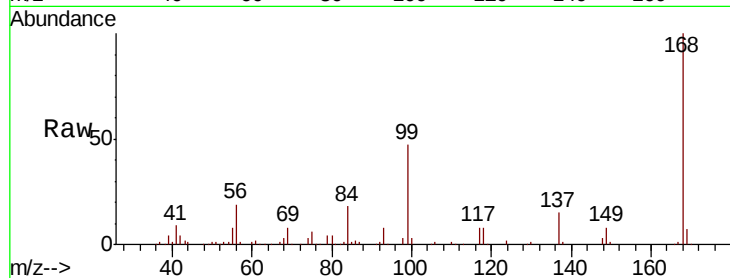
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 296252

Ion Ratio Lower Upper

168 100

99 46.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

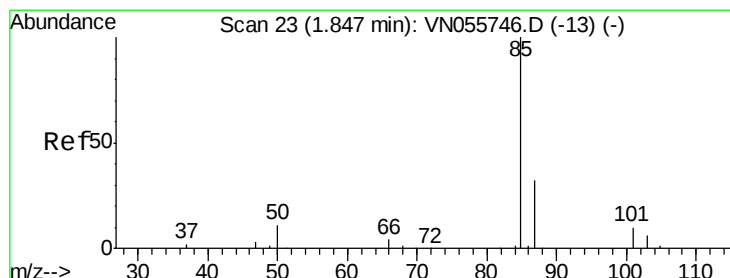
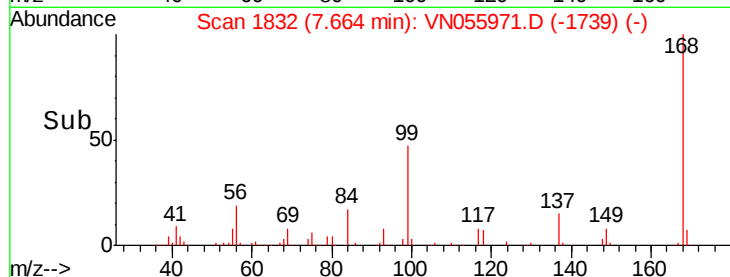
7.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.799 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055971.D

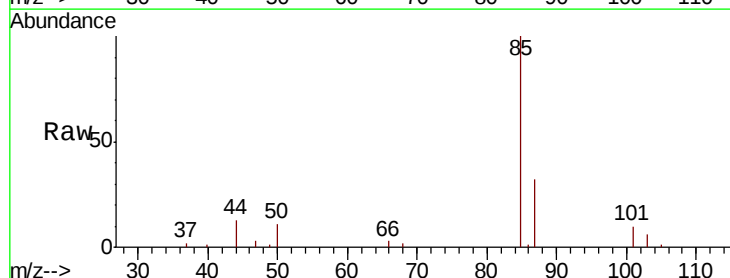
Acq: 3 Jun 2019 19:15

Tgt Ion: 85 Resp: 35487

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

25000

20000

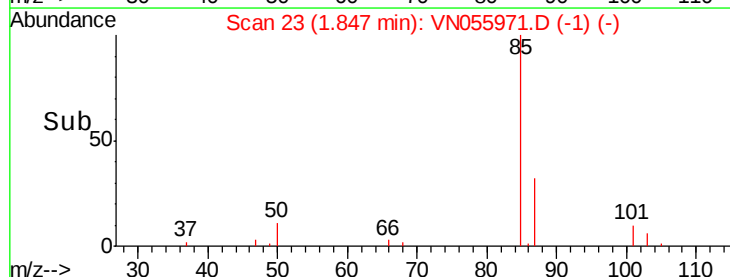
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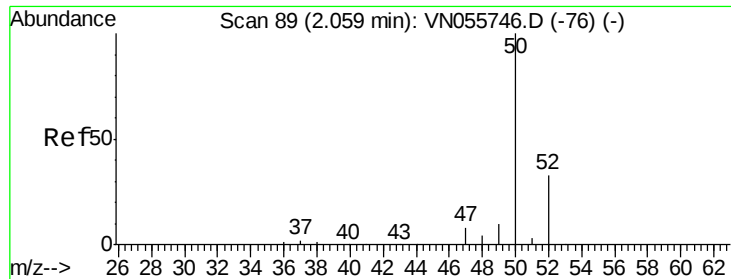
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5000

0

Time-->

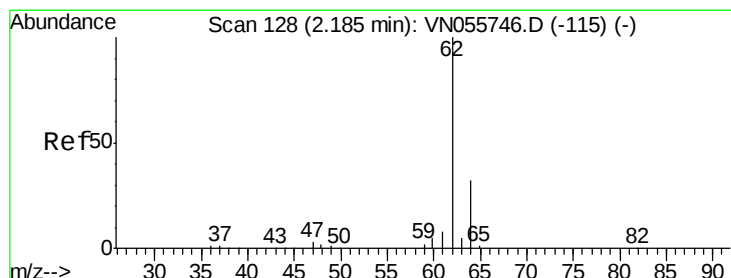
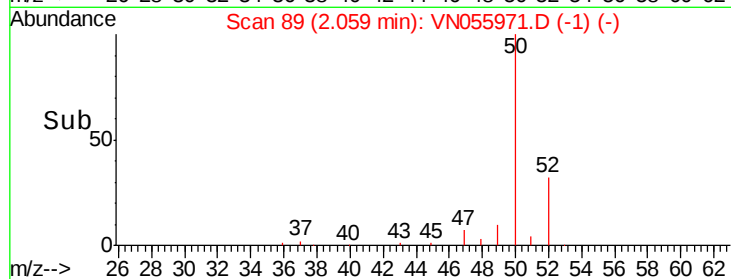
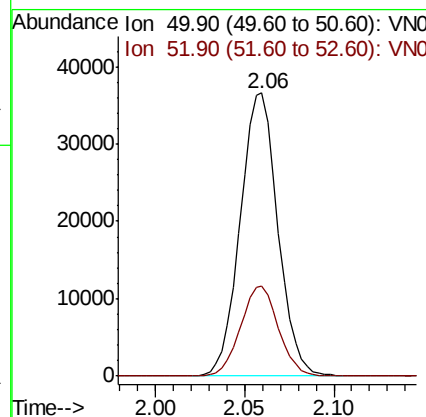
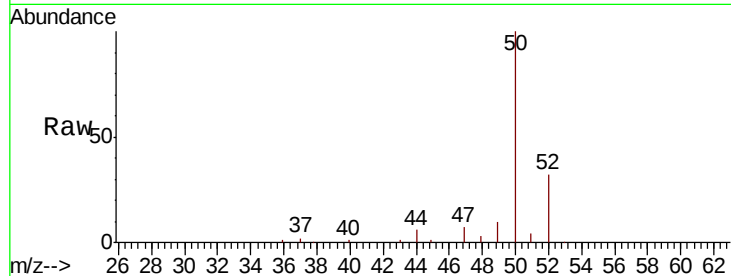




#3
Chloromethane
Concen: 19.265 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

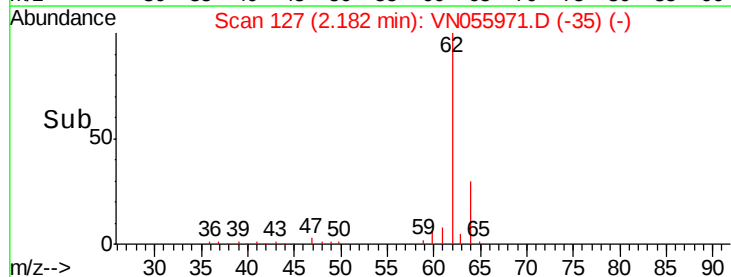
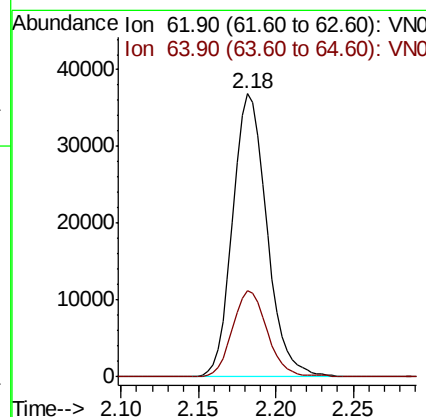
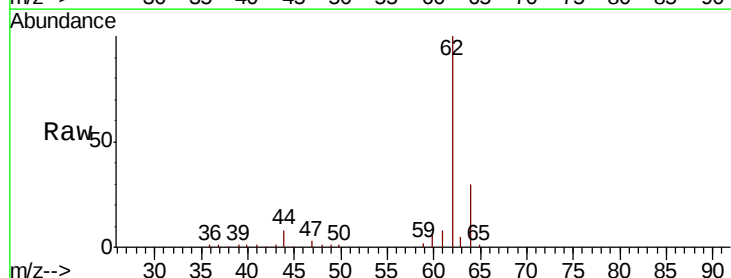
Instrument :
MSVOA_N
ClientSampleId :

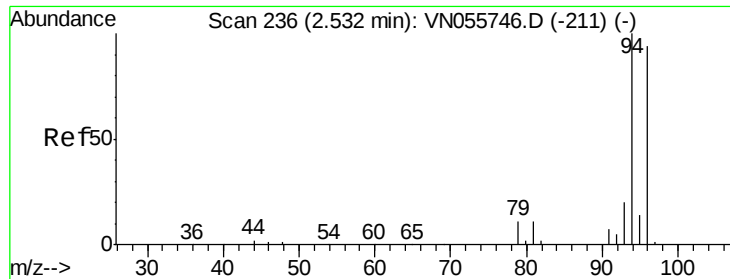
Tot Ion: 50 Resp: 53818
Ion Ratio Lower Upper
50 100
52 31.6 26.6 40.0



#4
Vinyl Chloride
Concen: 18.980 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion: 62 Resp: 56551
Ion Ratio Lower Upper
62 100
64 30.3 25.6 38.4

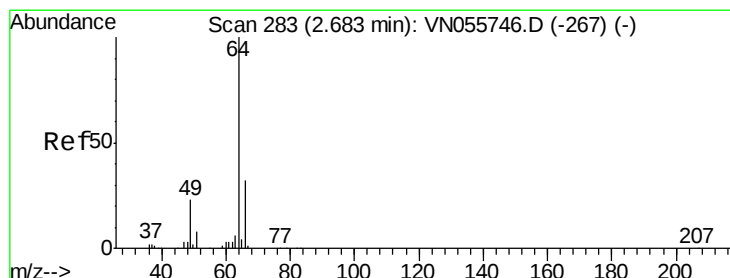
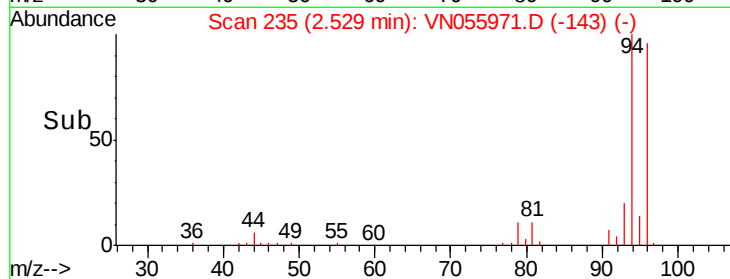
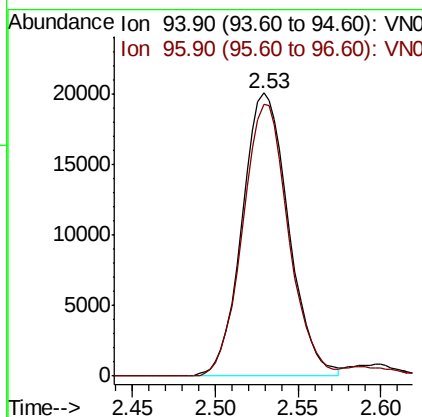
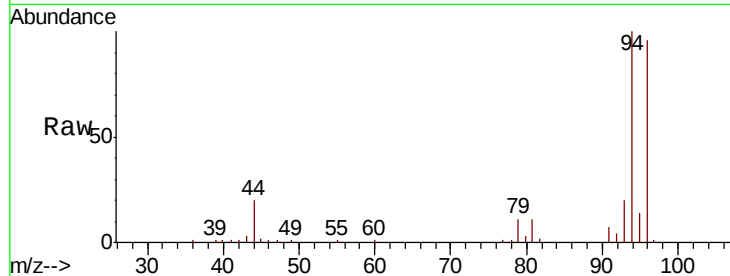




#5
Bromomethane
Concen: 21.072 ug/l
RT: 2.53 min Scan# 235
Delta R.T. -0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

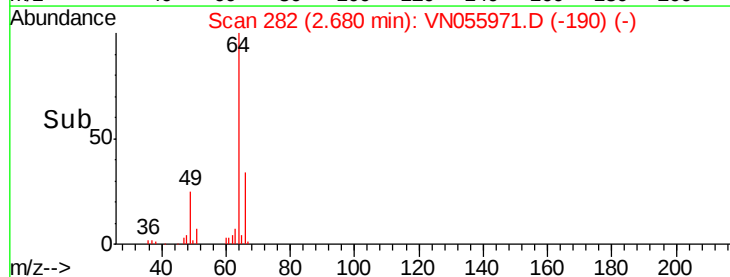
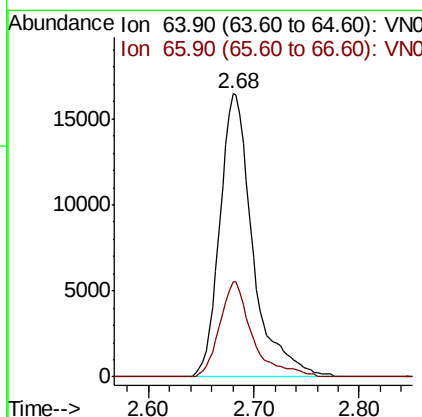
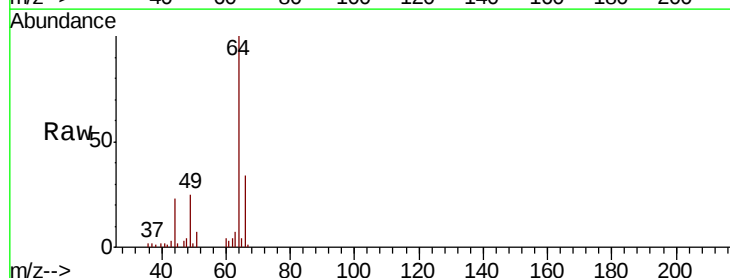
Instrument :
MSVOA_N
ClientSampled :

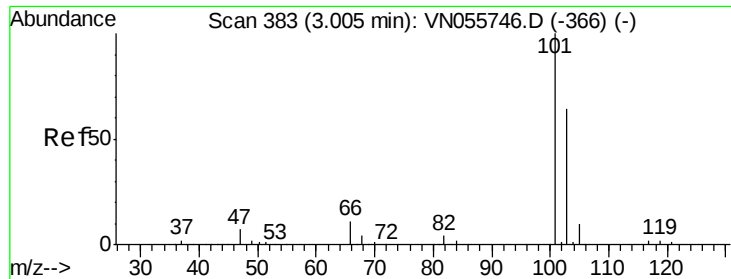
Tot Ion: 94 Resp: 39280
Ion Ratio Lower Upper
94 100
96 96.1 75.5 113.3



#6
Chloroethane
Concen: 19.892 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion: 64 Resp: 35684
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.0



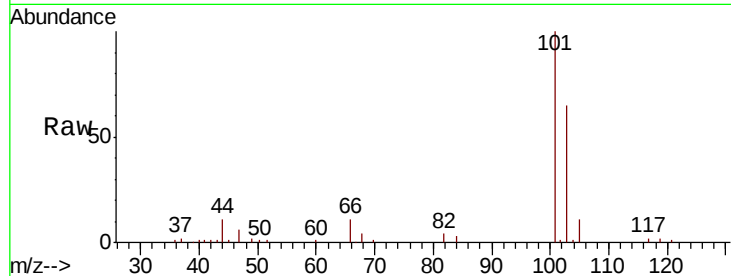


#7

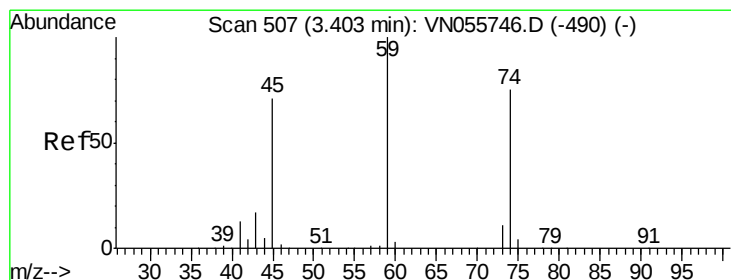
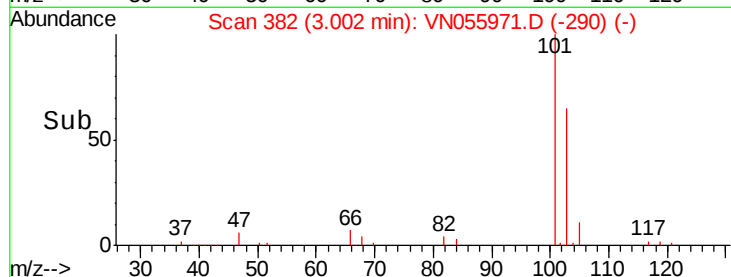
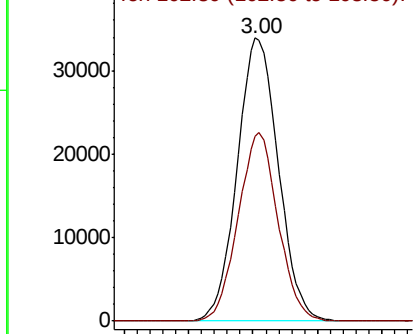
Trichlorofluoromethane
 Concen: 19.256 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 75220
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.2 76.8



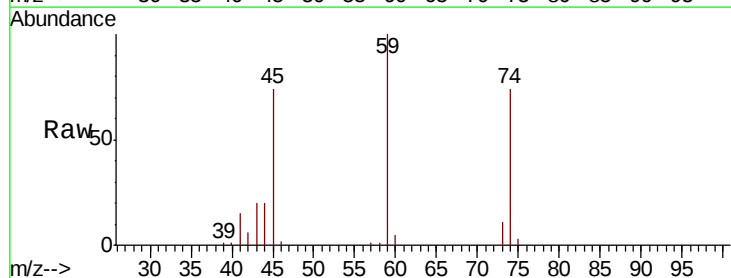
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



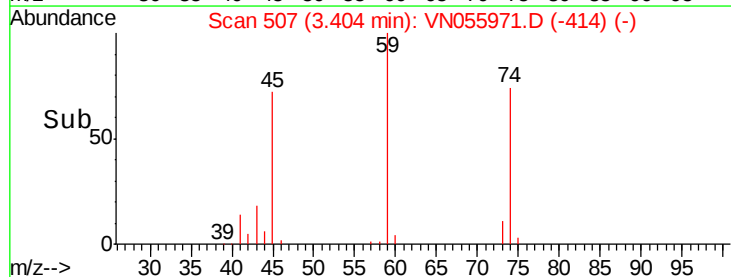
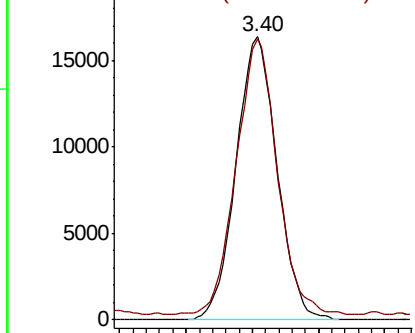
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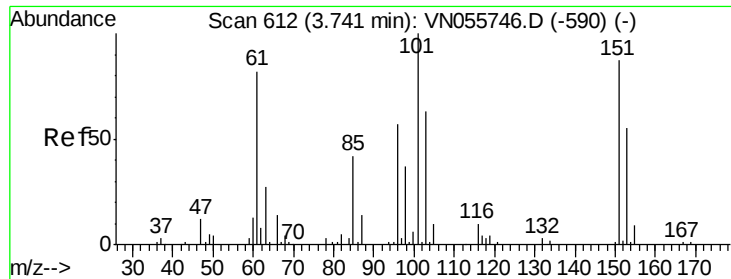
Diethyl Ether
 Concen: 20.077 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

Tgt Ion: 74 Resp: 35150
 Ion Ratio Lower Upper
 74 100
 45 95.3 48.6 145.9



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.547 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

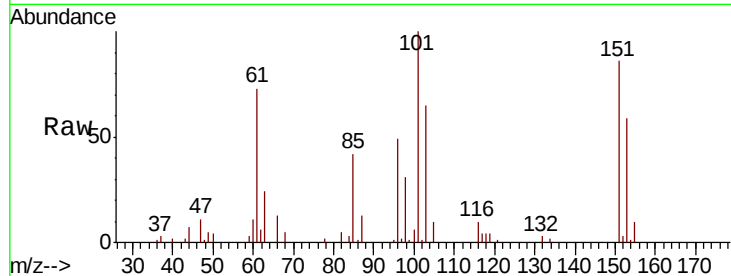
Tot Ion:101 Resp: 47663

Ion Ratio Lower Upper

101 100

85 42.0 33.4 50.2

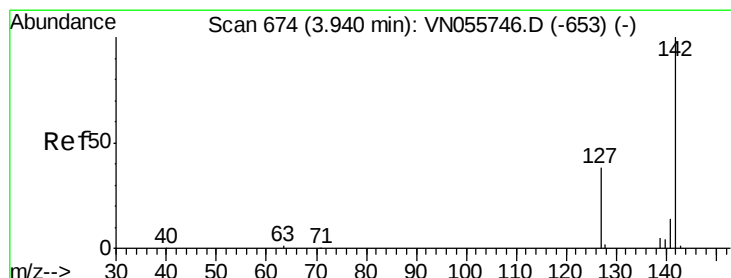
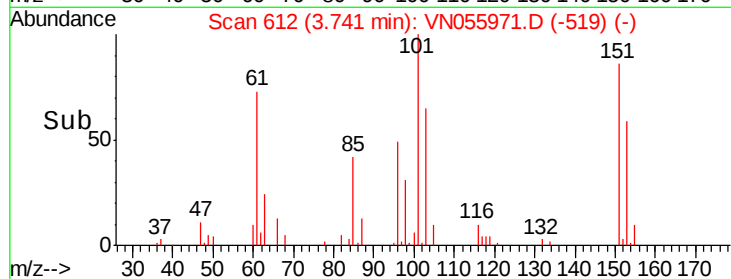
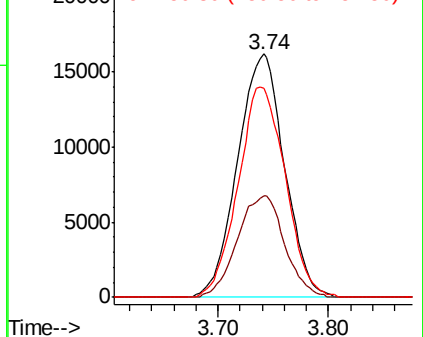
151 87.0 69.4 104.2



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: 21.332 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

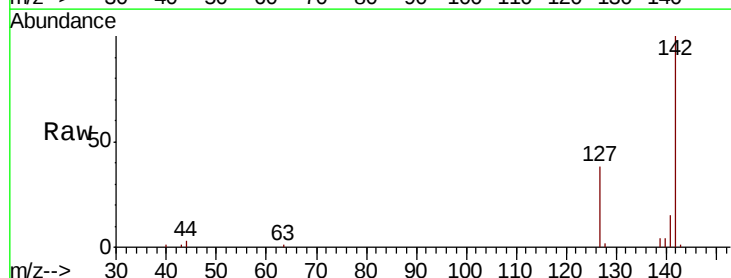
Tgt Ion:142 Resp: 76049

Ion Ratio Lower Upper

142 100

127 38.0 31.0 46.4

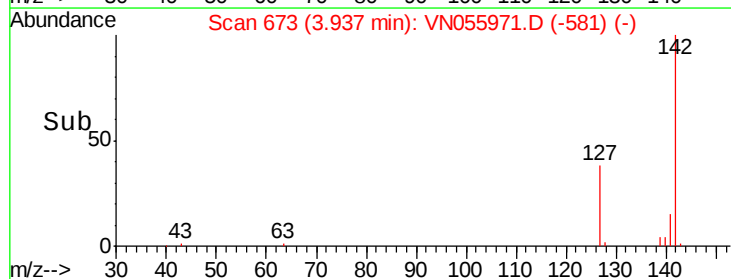
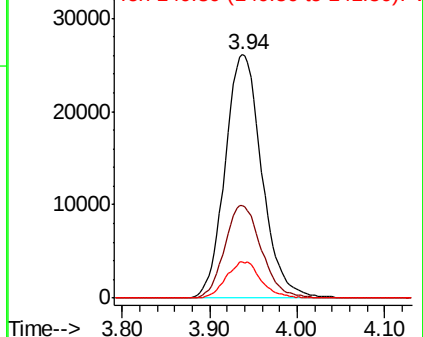
141 14.1 11.4 17.0

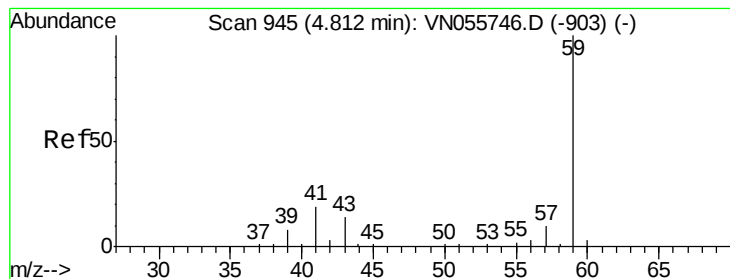


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.453 ug/l

RT: 4.82 min Scan# 946

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

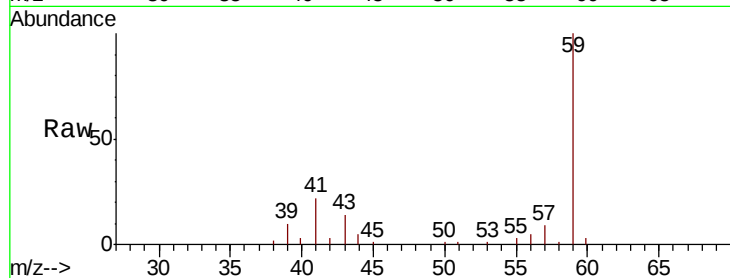
ClientSampleId :

Tot Ion: 59 Resp: 58136

Ion Ratio Lower Upper

59 100

57 10.3 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VN055746.D (-903) (-)

Ion 57.00 (56.70 to 57.70): VN055746.D (-903) (-)

4.82

15000

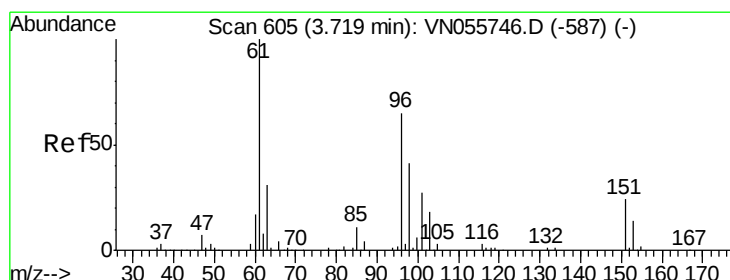
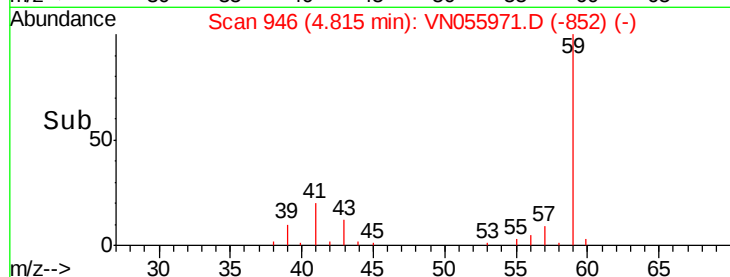
10000

5000

0

Time-->

4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 19.543 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

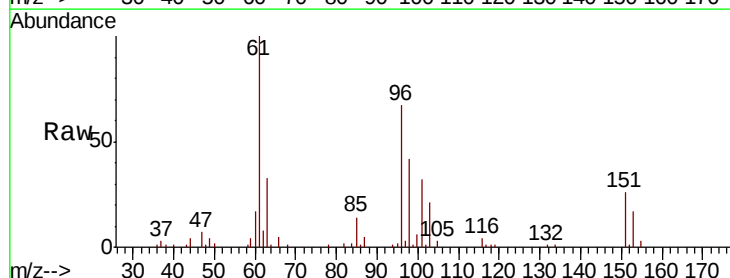
Tgt Ion: 96 Resp: 49240

Ion Ratio Lower Upper

96 100

61 149.5 123.2 184.8

98 63.4 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN055746.D (-587) (-)

Ion 60.90 (60.60 to 61.60): VN055746.D (-587) (-)

Ion 97.90 (97.60 to 98.60): VN055746.D (-587) (-)

3.72

40000

30000

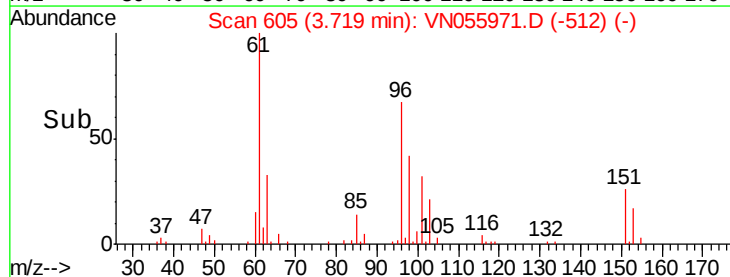
20000

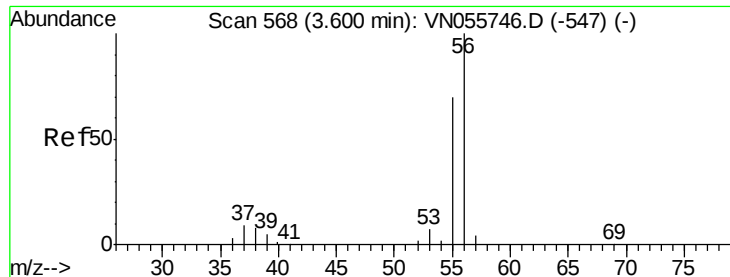
10000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 64.809 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

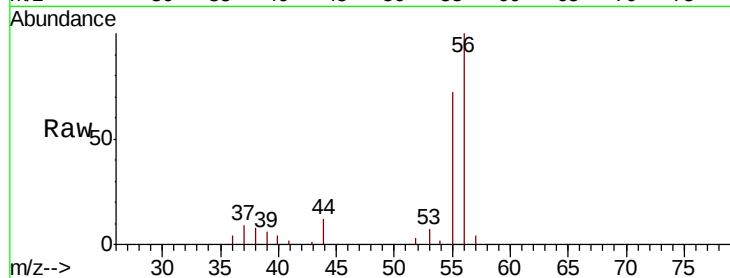
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 27127

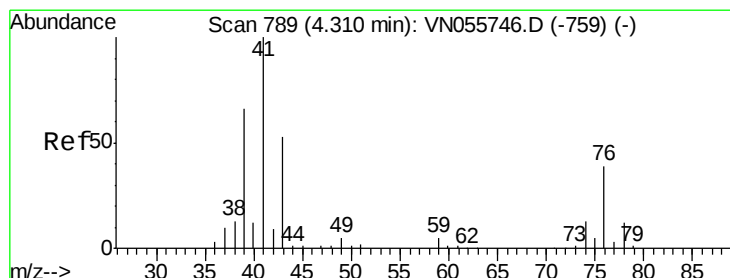
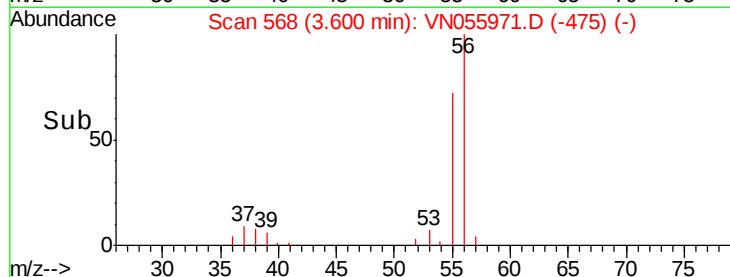
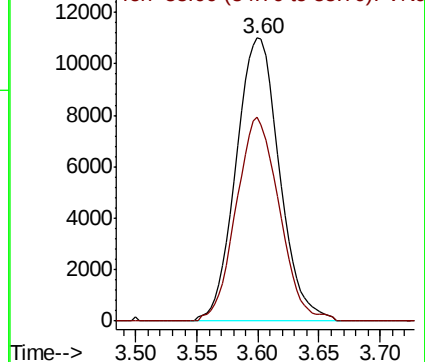
Ion Ratio Lower Upper

56 100

55 71.6 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.282 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

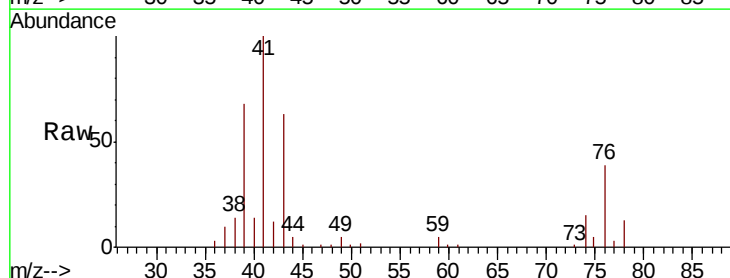
Tgt Ion: 41 Resp: 78964

Ion Ratio Lower Upper

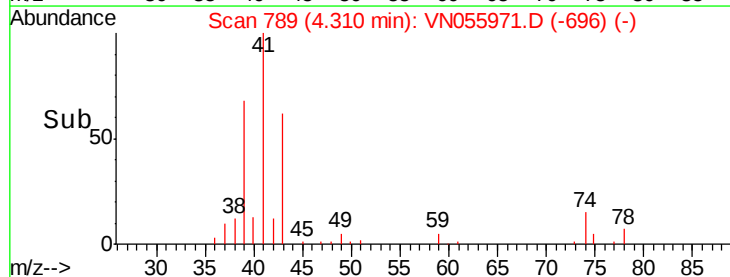
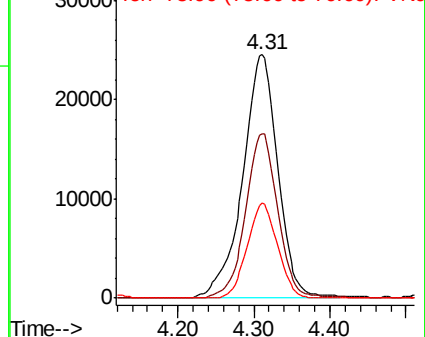
41 100

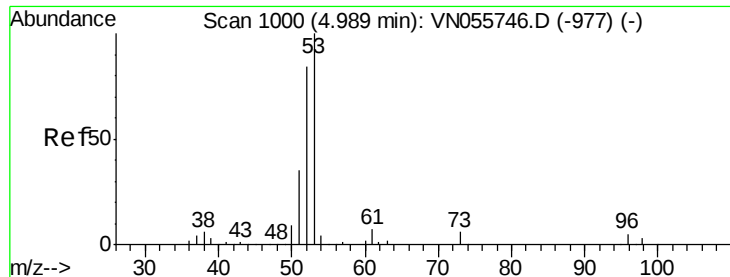
39 61.9 50.0 75.0

76 33.6 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 108.784 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

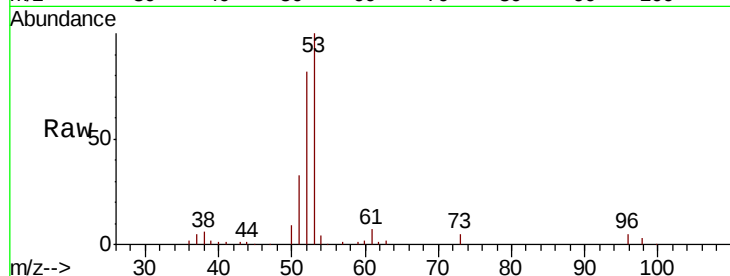
Tot Ion: 53 Resp: 146021

Ion Ratio Lower Upper

53 100

52 81.5 65.8 98.8

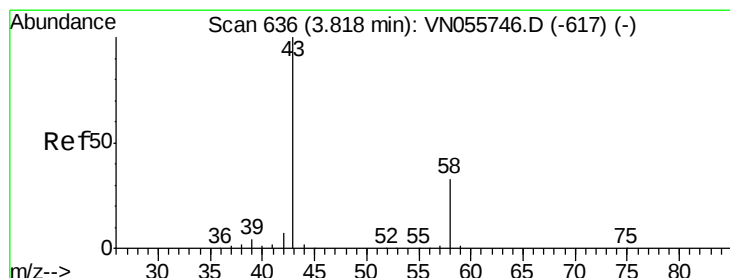
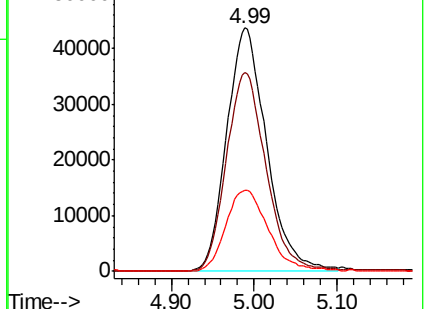
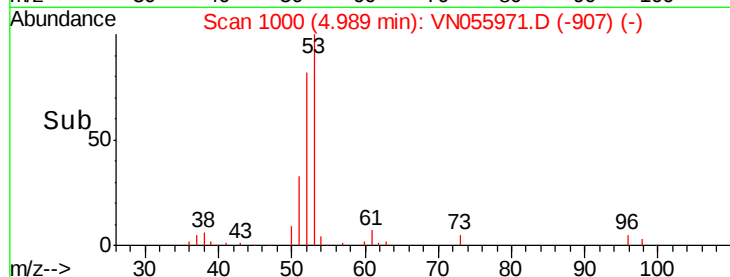
51 35.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055971.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055971.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055971.D (-907) (-)



#16

Acetone

Concen: 93.371 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055971.D

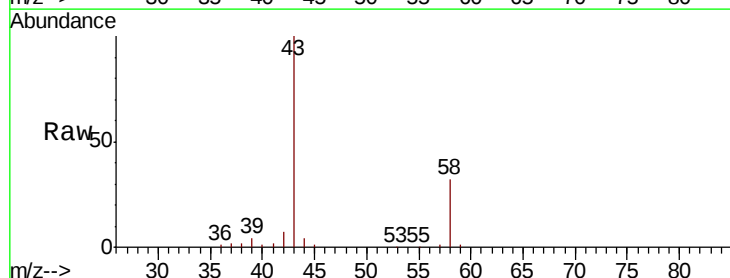
Acq: 3 Jun 2019 19:15

Tgt Ion: 43 Resp: 125572

Ion Ratio Lower Upper

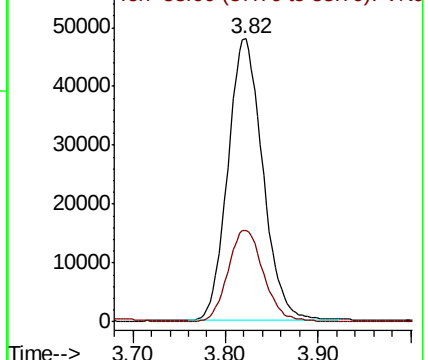
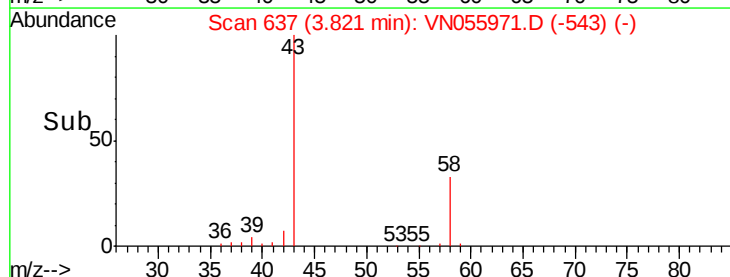
43 100

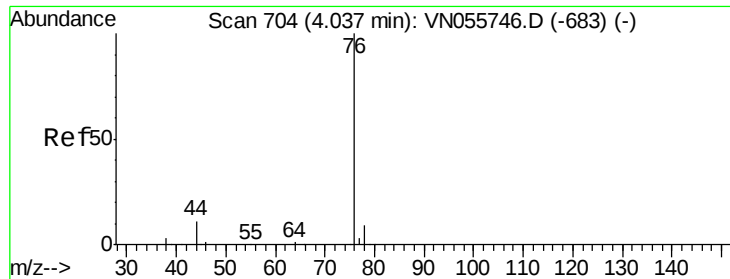
58 32.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055971.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055971.D (-543) (-)

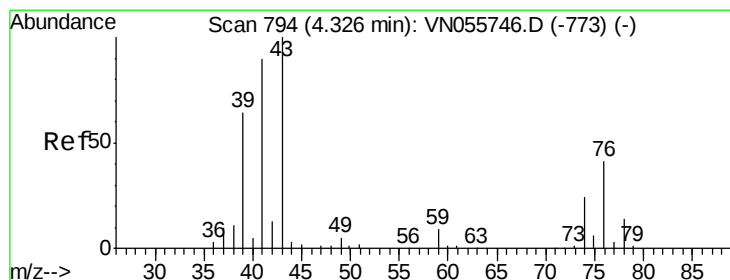
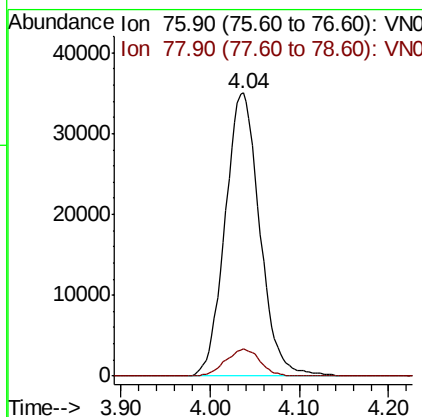
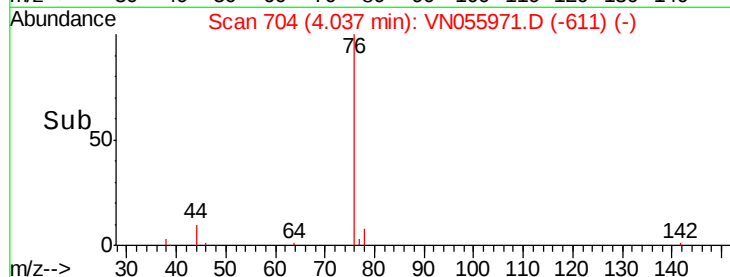
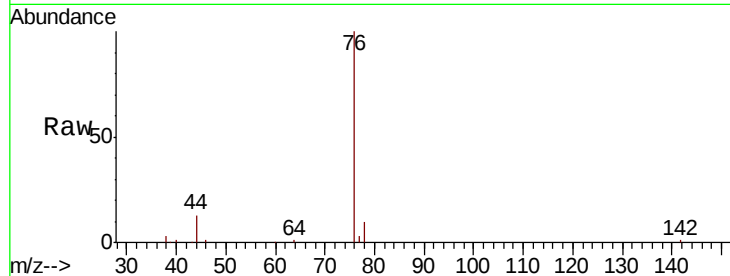




#17
Carbon Disulfide
Concen: 13.148 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

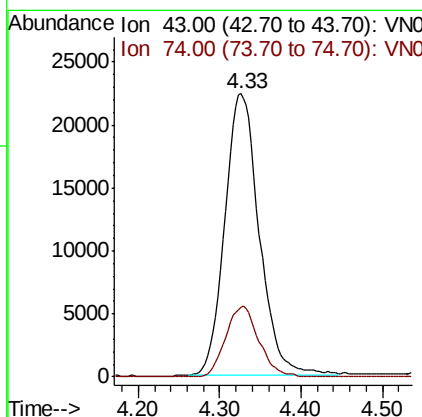
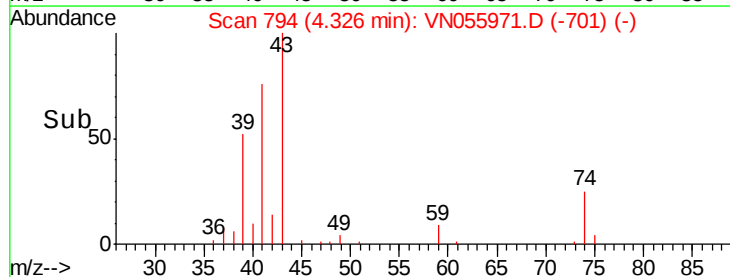
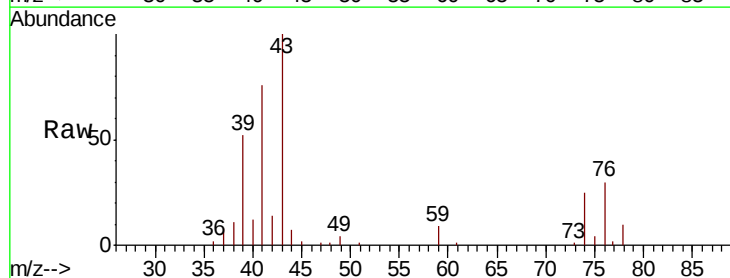
Instrument :
MSVOA_N
ClientSampleId :

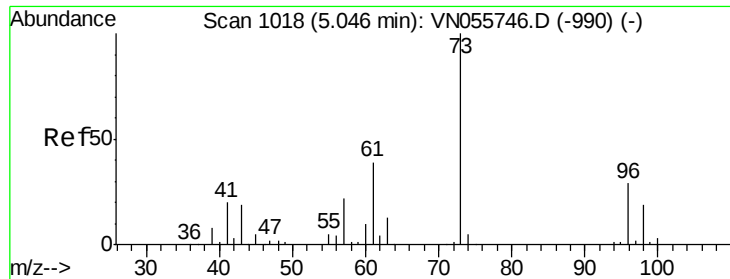
Tot Ion: 76 Resp: 94118
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 23.347 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion: 43 Resp: 65674
Ion Ratio Lower Upper
43 100
74 24.3 19.3 28.9

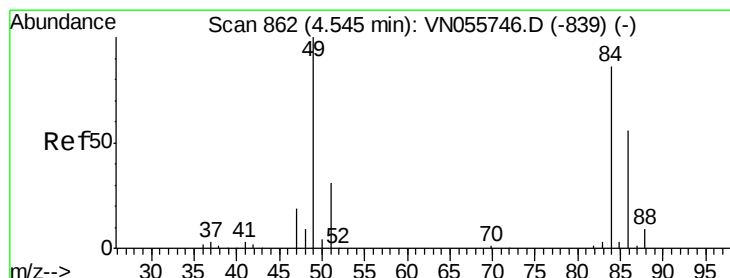
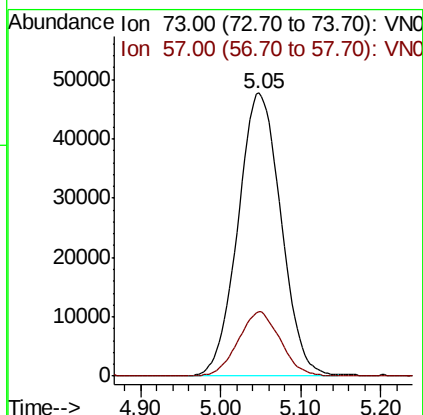
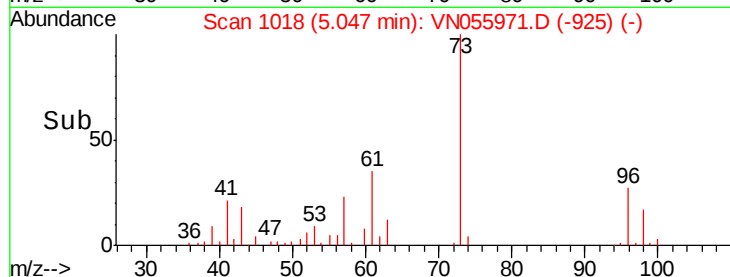
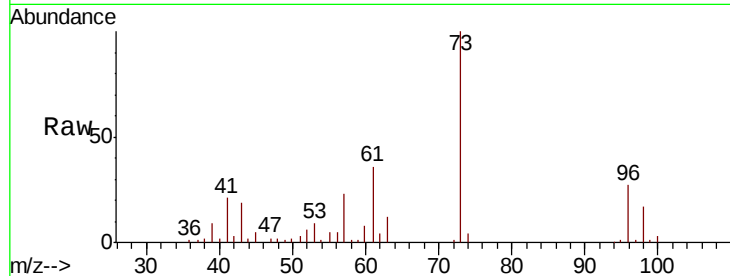




#19
Methvl tert-butvl Ether
Concen: 20.844 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

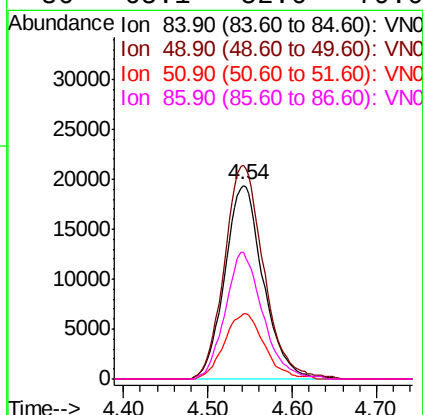
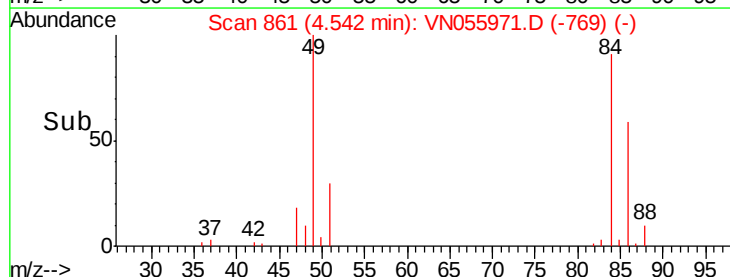
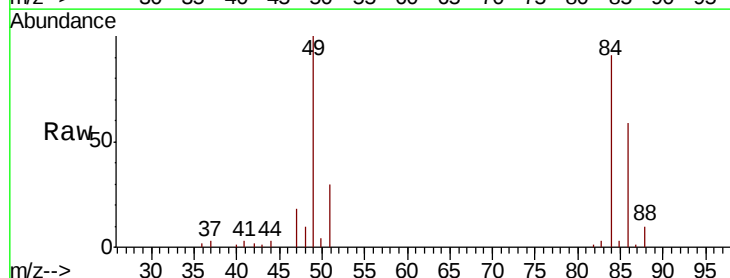
Instrument :
MSVOA_N
ClientSampled :

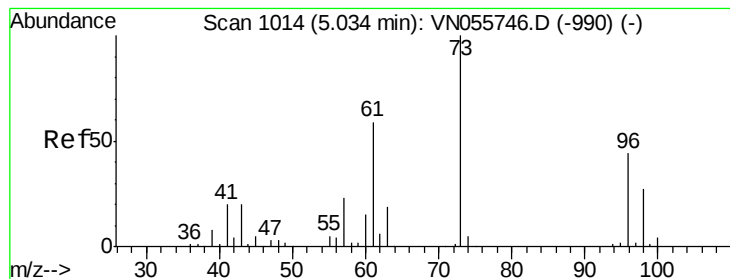
Tot Ion: 73 Resp: 175150
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.8



#20
Methylene Chloride
Concen: 21.114 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion: 84 Resp: 61496
Ion Ratio Lower Upper
84 100
49 110.2 93.5 140.3
51 33.4 28.6 43.0
86 65.1 52.6 79.0



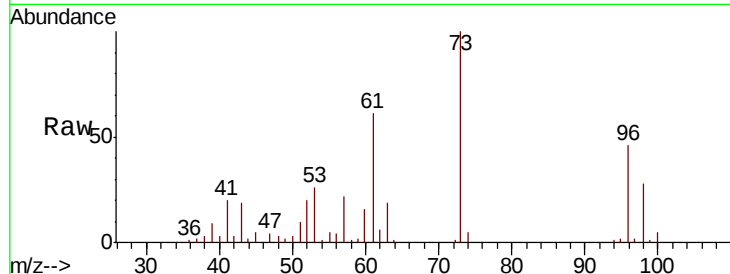


#21

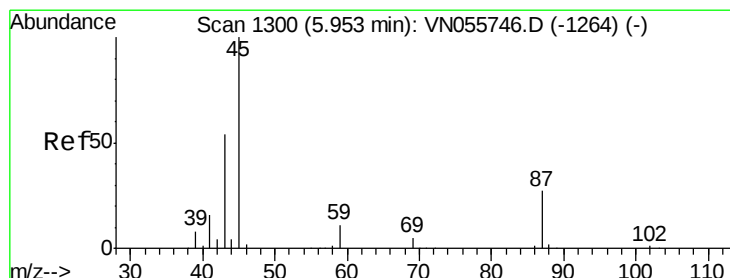
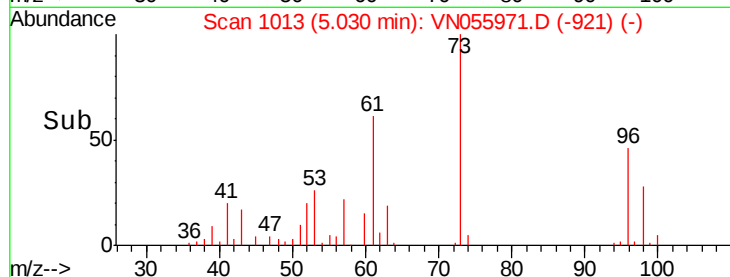
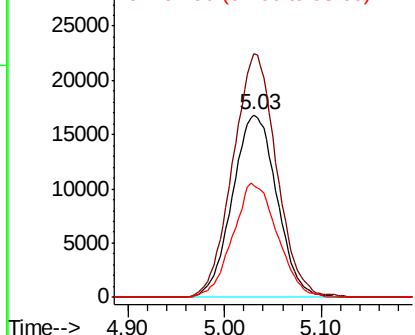
trans-1,2-Dichloroethene
Concen: 19.840 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 53702
Ion Ratio Lower Upper
96 100
61 133.6 107.8 161.8
98 61.6 49.8 74.8



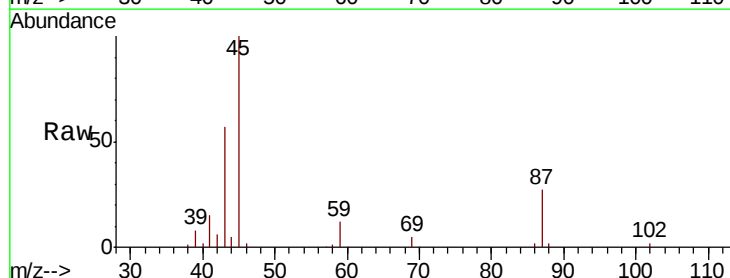
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



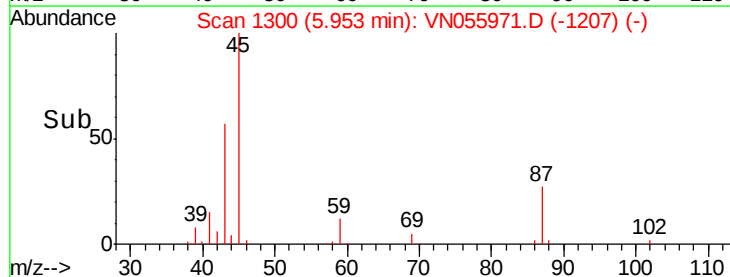
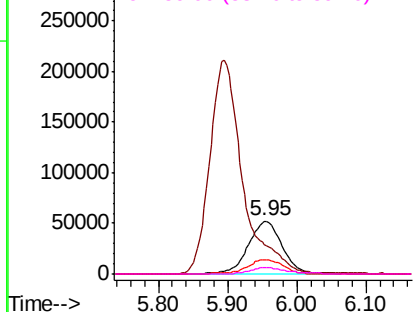
#22

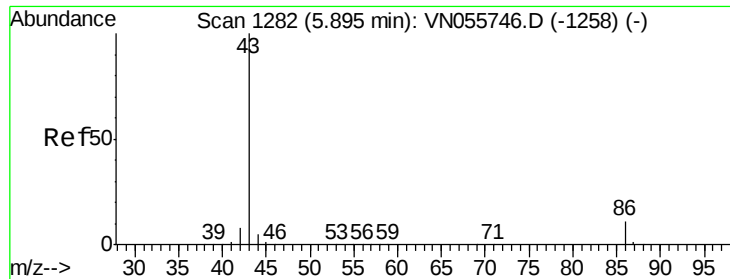
Diisopropyl ether
Concen: 21.199 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion: 45 Resp: 178086
Ion Ratio Lower Upper
45 100
43 55.0 45.0 67.6
87 27.0 22.2 33.4
59 12.0 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: 97.079 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

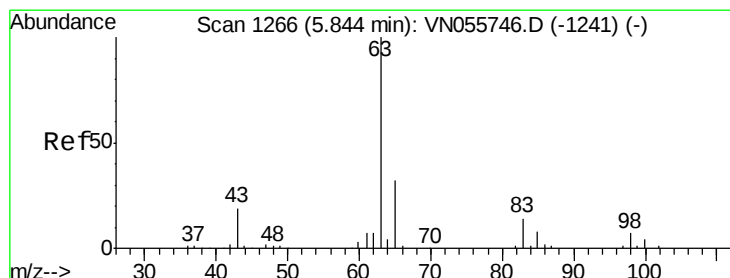
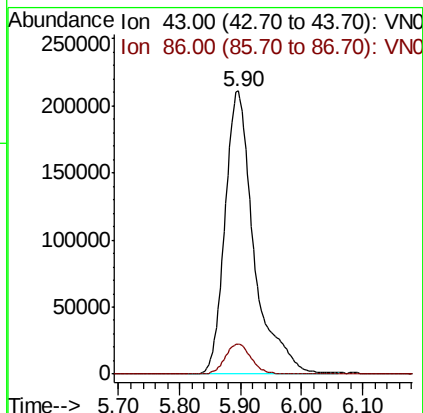
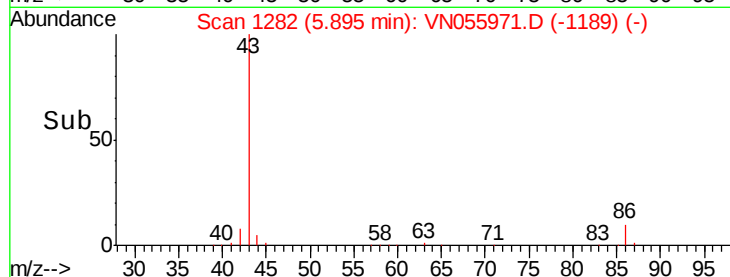
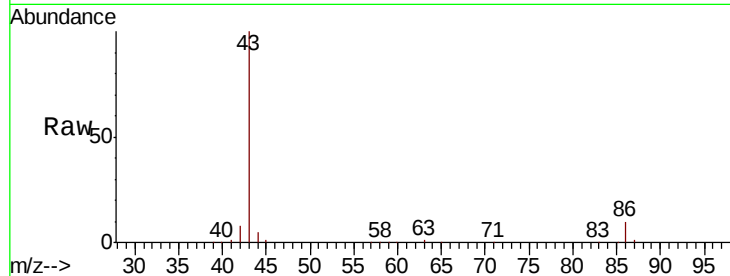
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 699231

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



#24

1,1-Dichloroethane

Concen: 20.496 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

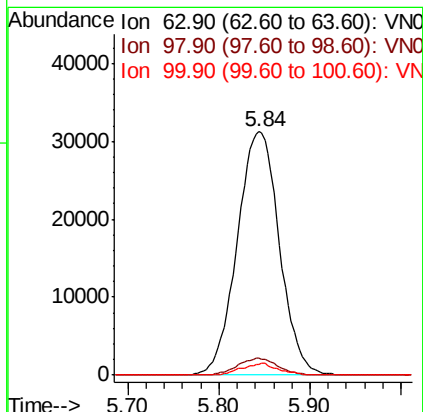
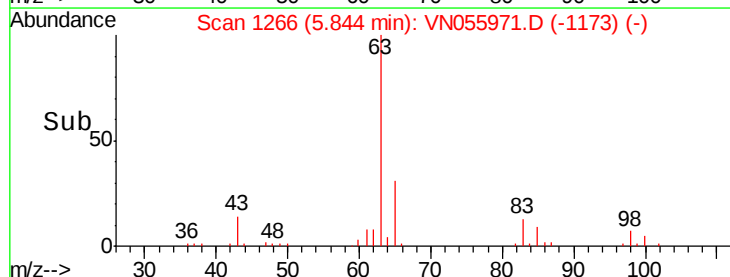
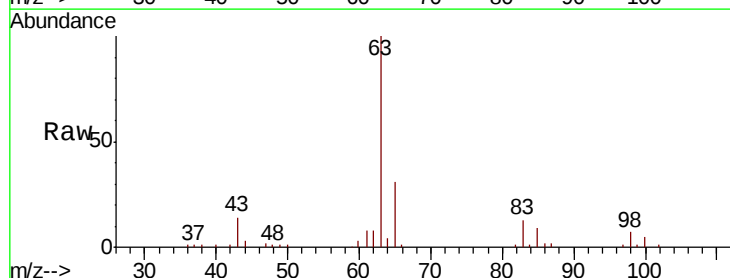
Tgt Ion: 63 Resp: 100252

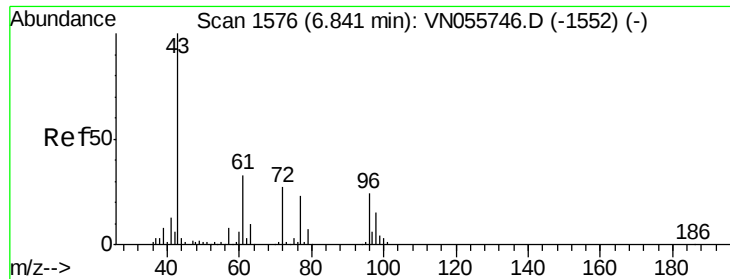
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 103.705 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

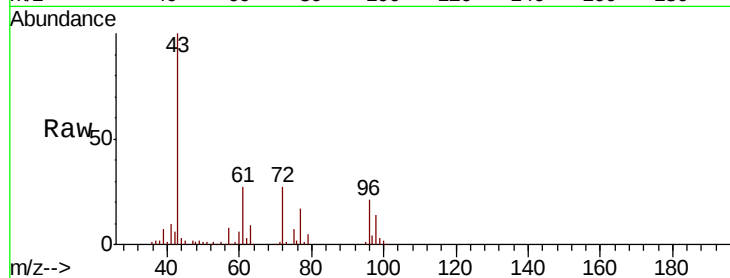
ClientSampleId :

Tot Ion: 43 Resp: 194780

Ion Ratio Lower Upper

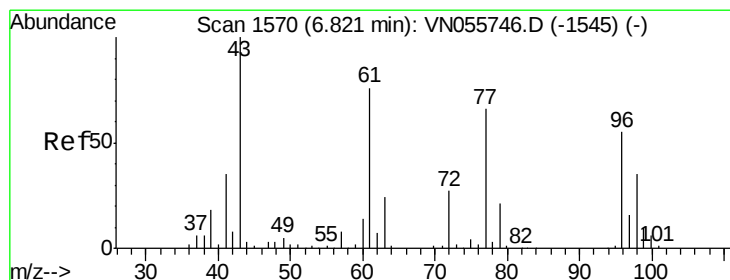
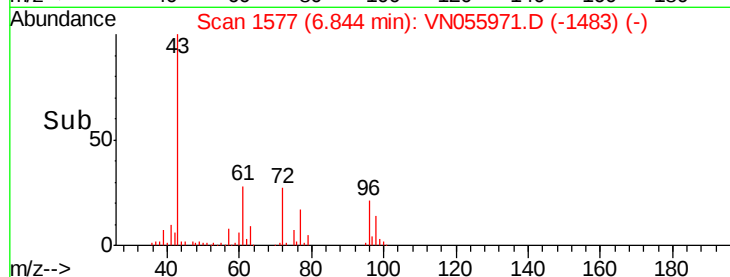
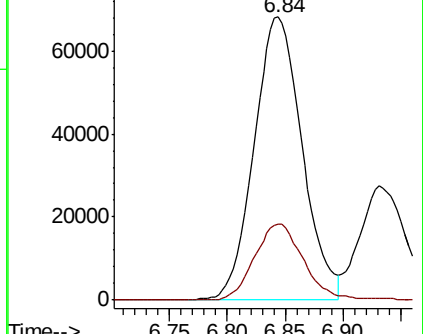
43 100

72 27.1 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 15.348 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN055971.D

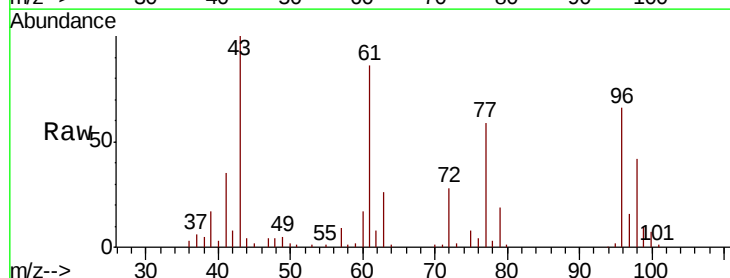
Acq: 3 Jun 2019 19:15

Tgt Ion: 77 Resp: 64971

Ion Ratio Lower Upper

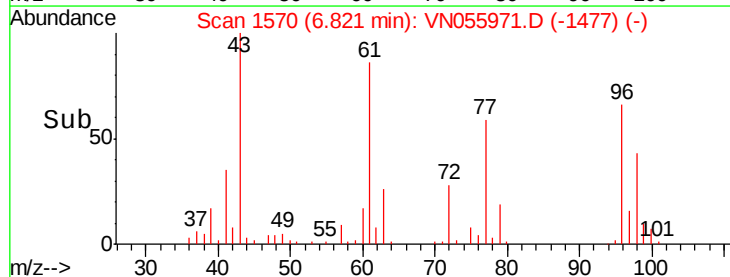
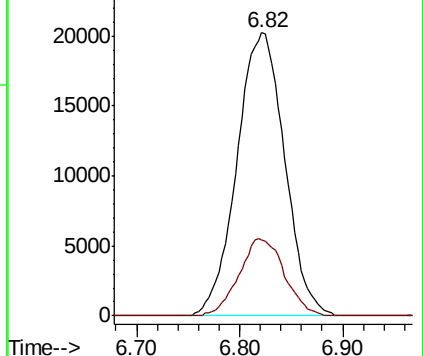
77 100

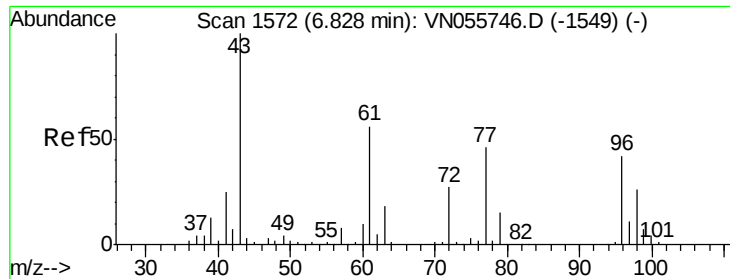
97 26.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

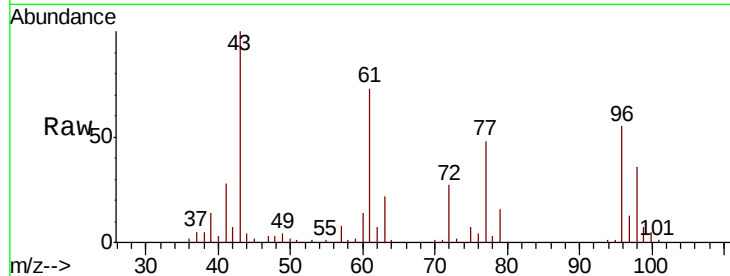




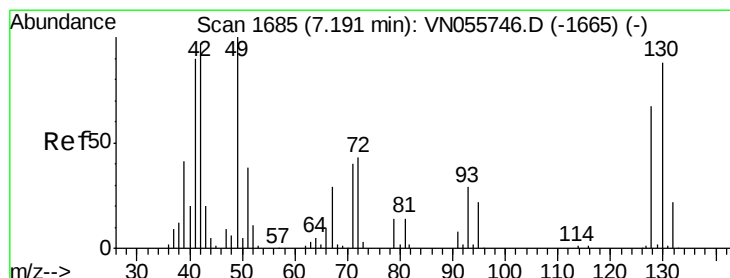
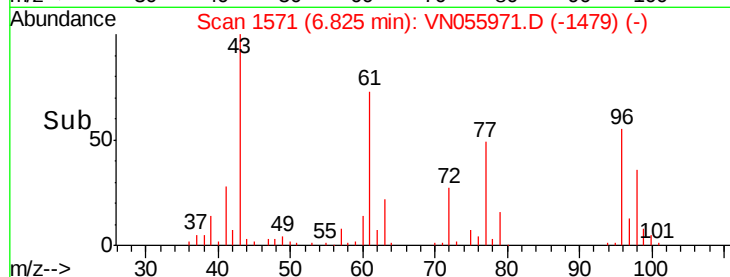
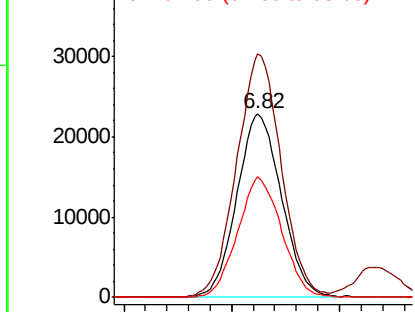
#27
 cis-1,2-Dichloroethene
 Concen: 20.768 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 96 Resp: 65586
 Ion Ratio Lower Upper
 96 100
 61 133.0 0.0 275.8
 98 64.6 0.0 128.4

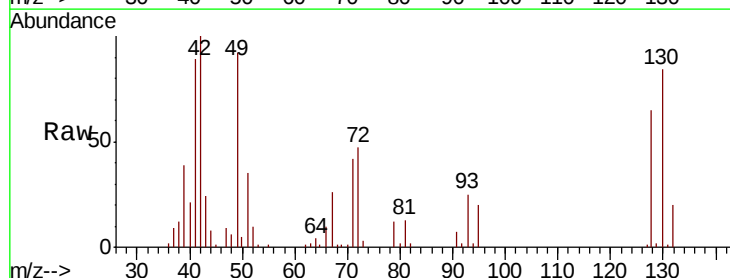


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

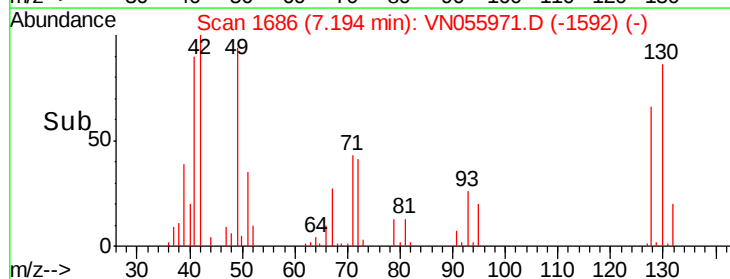
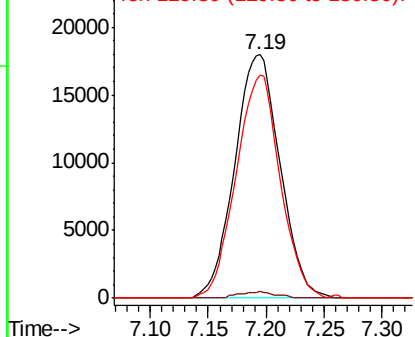


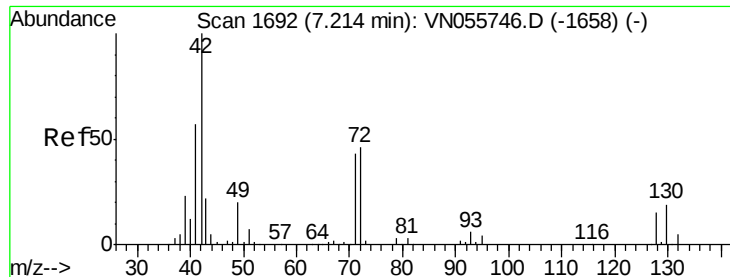
#28
 Bromochloromethane
 Concen: 20.997 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

Tgt Ion: 49 Resp: 48897
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 88.9 71.2 106.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

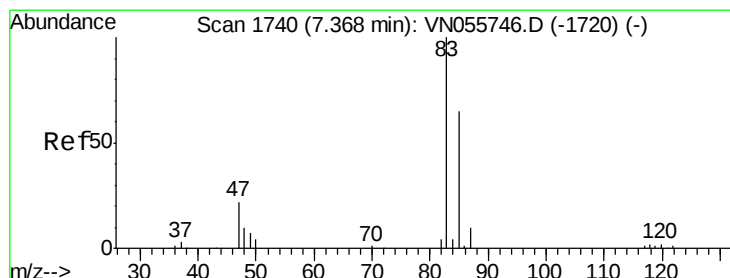
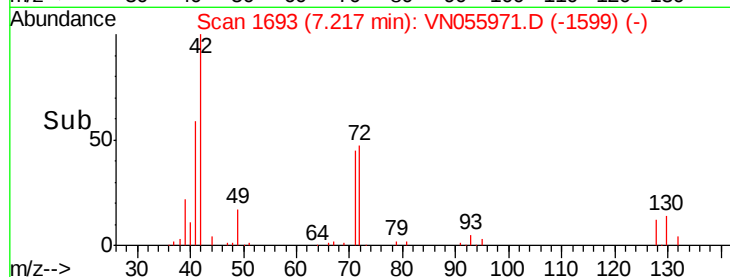
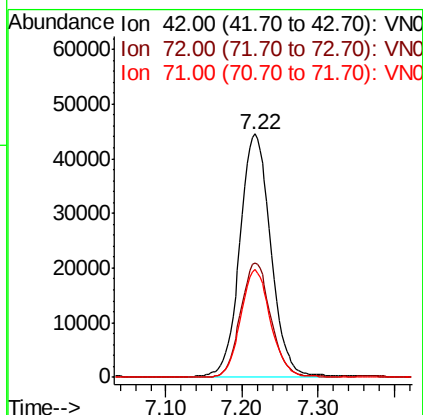
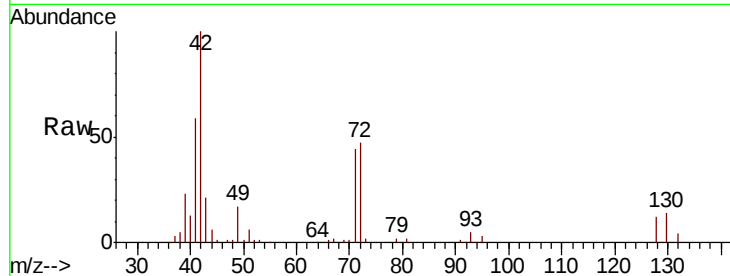




#29
Tetrahydrofuran
Concen: 106.899 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

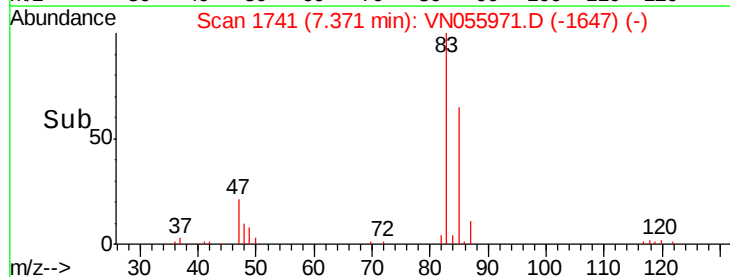
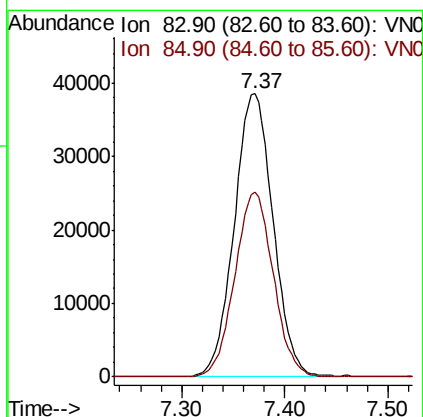
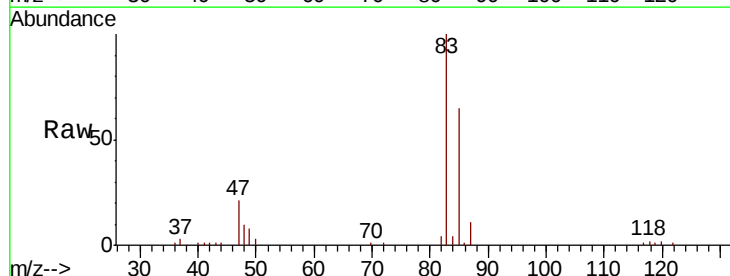
Instrument :
MSVOA_N
ClientSampled :

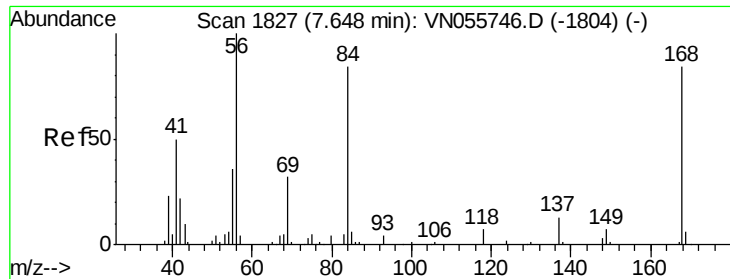
Tot Ion: 42 Resp: 127148
Ion Ratio Lower Upper
42 100
72 45.8 35.9 53.9
71 42.2 34.0 51.0



#30
Chloroform
Concen: 20.719 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion: 83 Resp: 101065
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.8

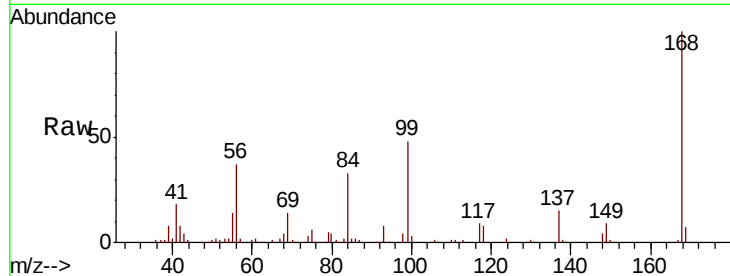




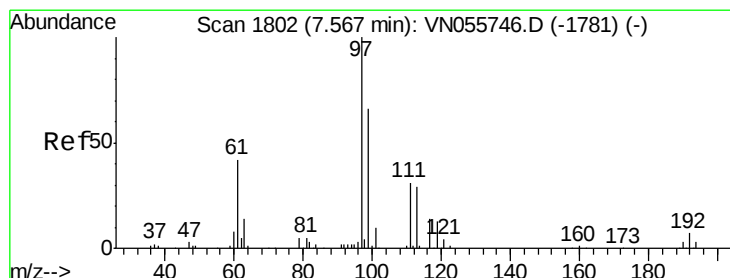
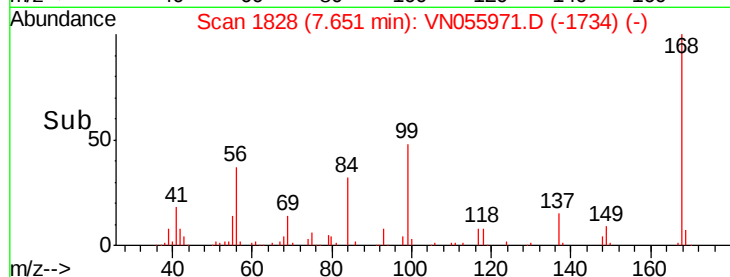
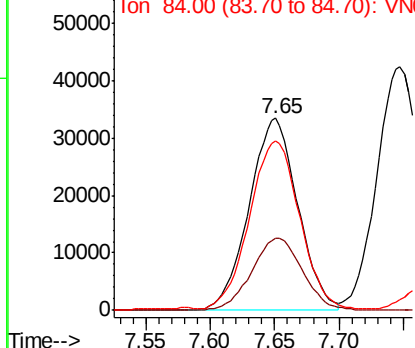
#31
Cyclohexane
Concen: 19.117 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 87789
Ion Ratio Lower Upper
56 100
69 37.4 25.6 38.4
84 86.9 67.4 101.0

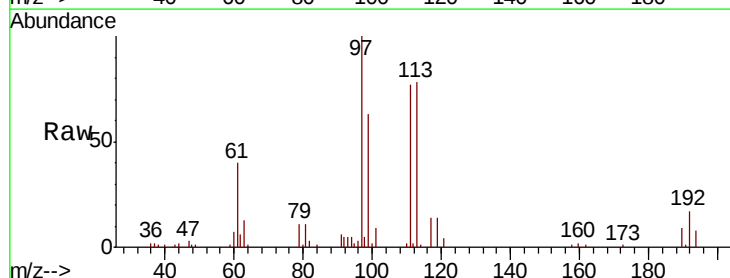


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

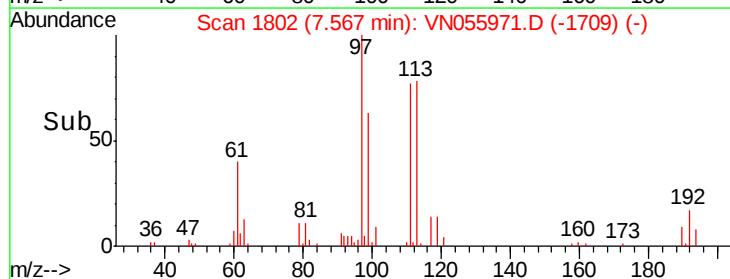
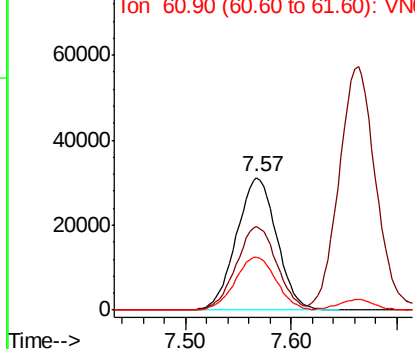


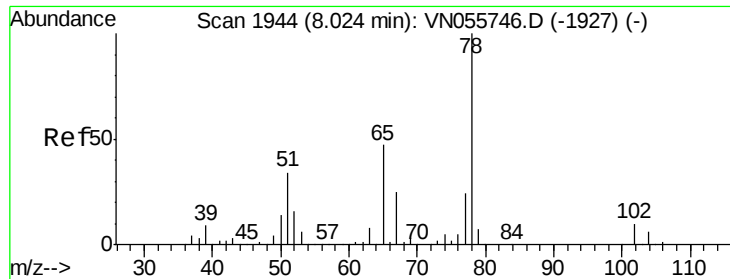
#32
1,1,1-Trichloroethane
Concen: 19.047 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion: 97 Resp: 82909
Ion Ratio Lower Upper
97 100
99 63.3 52.0 78.0
61 40.5 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

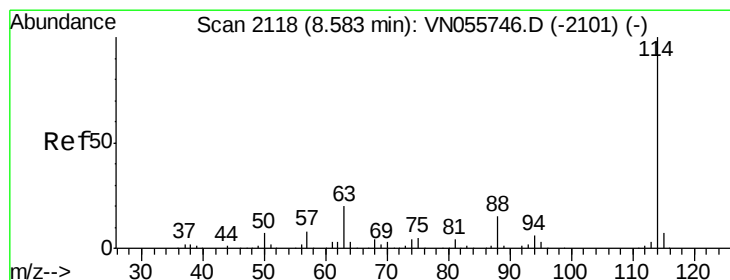
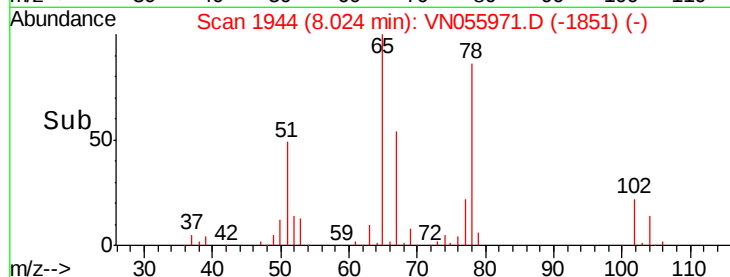
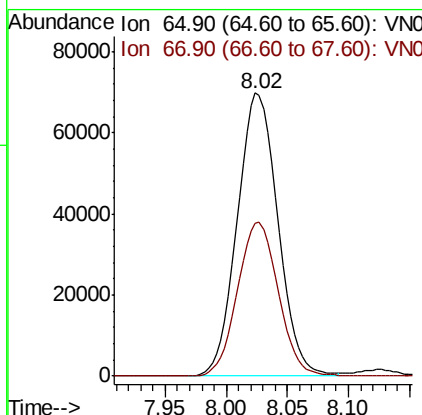
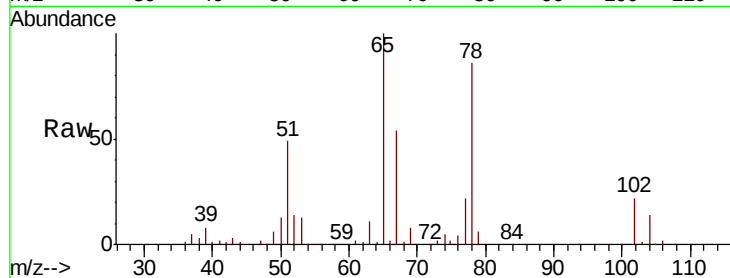




#33
 1,2-Dichloroethane-d4
 Concen: 52.671 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

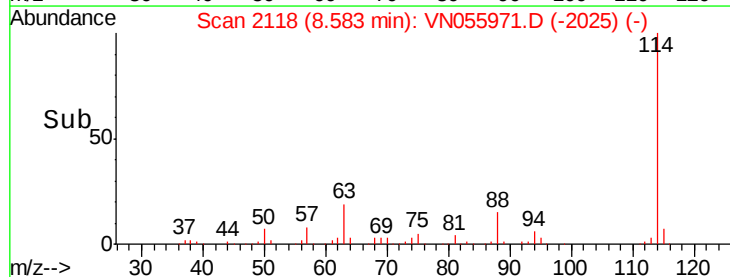
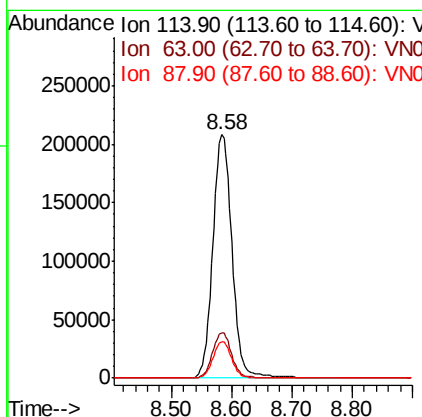
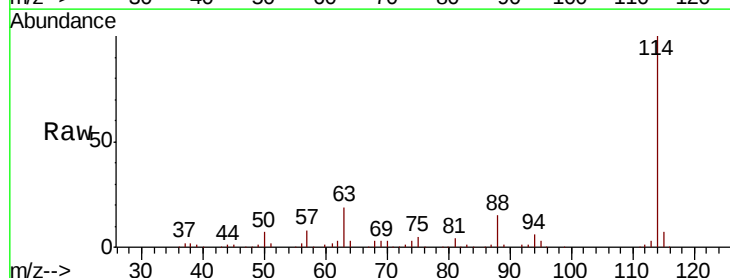
Instrument :
 MSVOA_N
 ClientSampled :

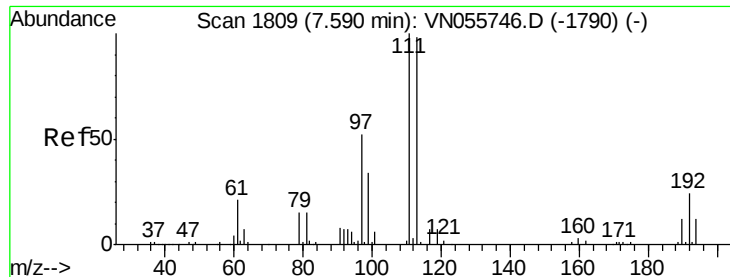
Tot Ion: 65 Resp: 161145
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

Tgt Ion: 114 Resp: 452048
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 15.0 0.0 31.0

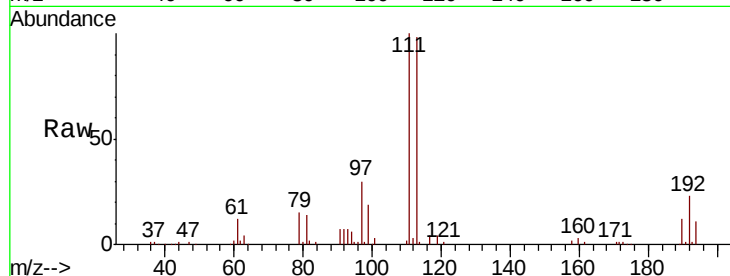




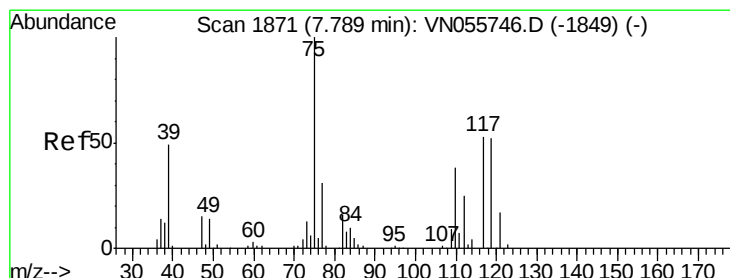
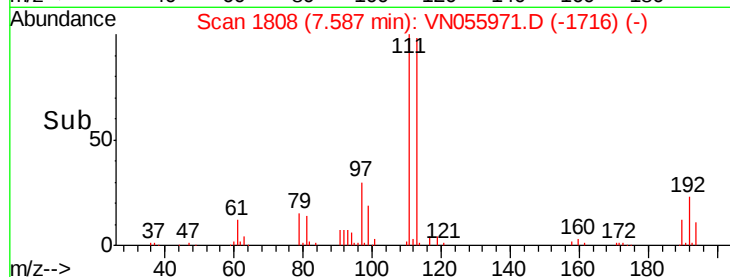
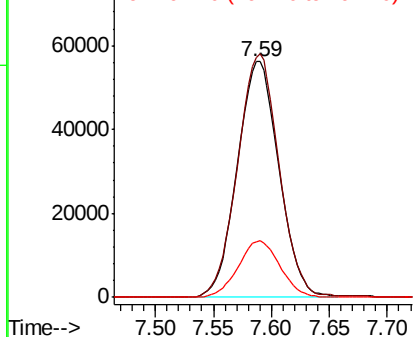
#35
 Dibromofluoromethane
 Concen: 49.252 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 140762
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.9 122.9
 192 24.0 19.5 29.3

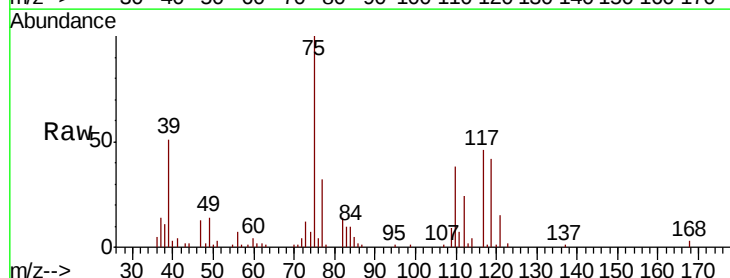


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

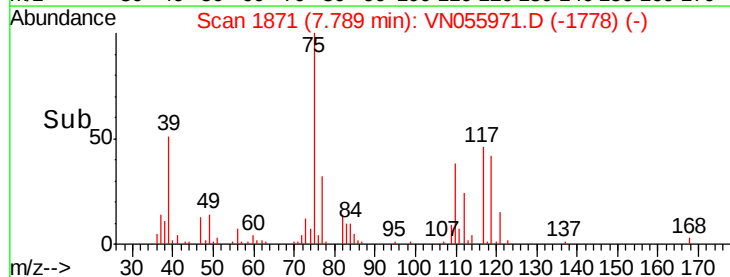
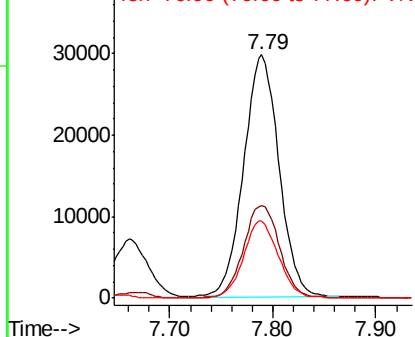


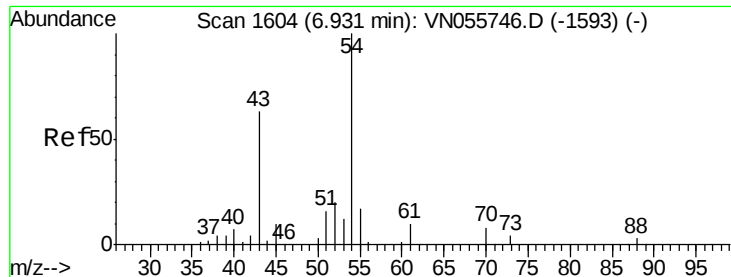
#36
 1,1-Dichloropropene
 Concen: 18.015 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

Tgt Ion: 75 Resp: 70970
 Ion Ratio Lower Upper
 75 100
 110 38.9 19.0 57.0
 77 31.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

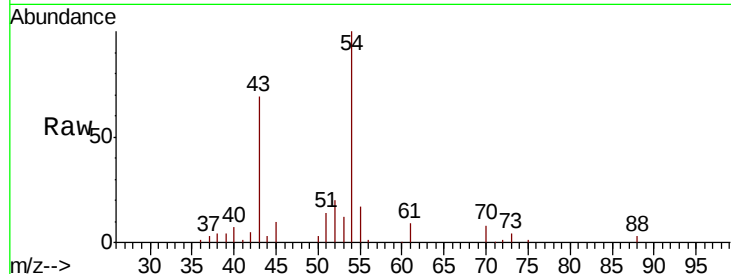




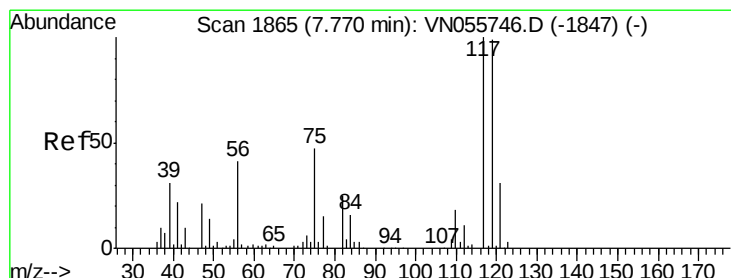
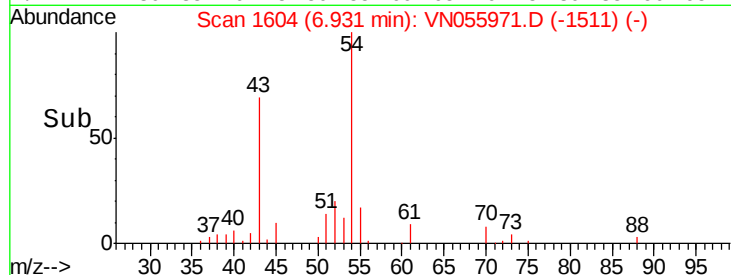
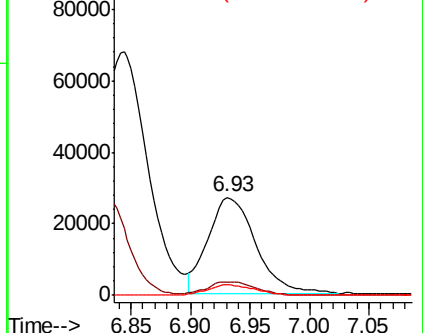
#37
Ethyl Acetate
Concen: 19.761 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 75240
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.2
70 10.9 8.9 13.3

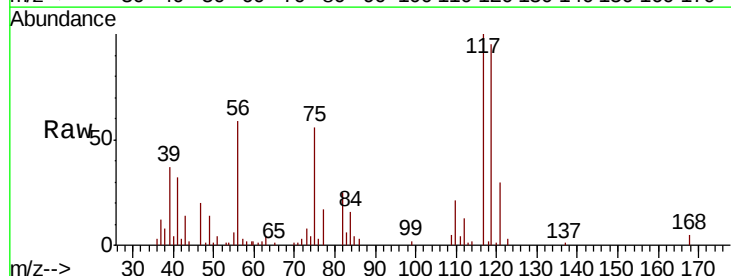


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

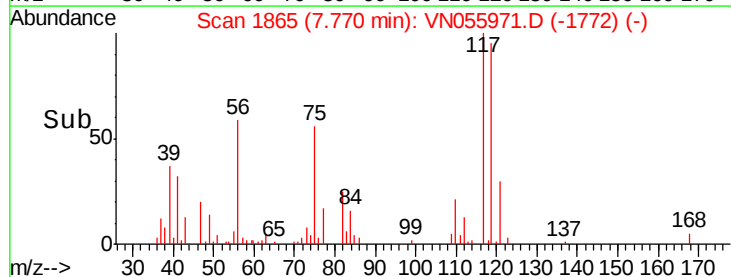
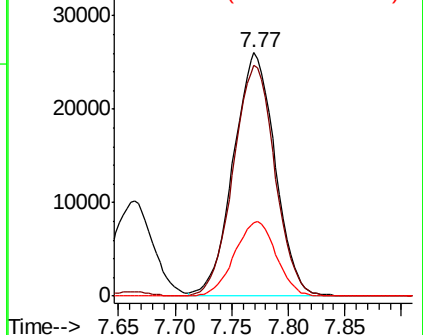


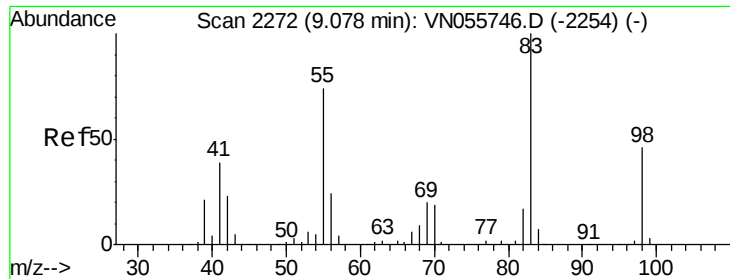
#38
Carbon Tetrachloride
Concen: 16.290 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion: 117 Resp: 66843
Ion Ratio Lower Upper
117 100
119 94.6 79.0 118.6
121 30.3 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

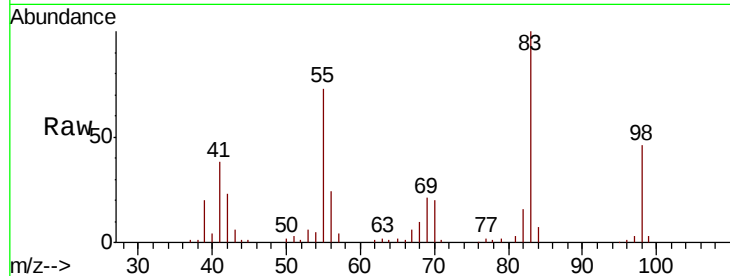




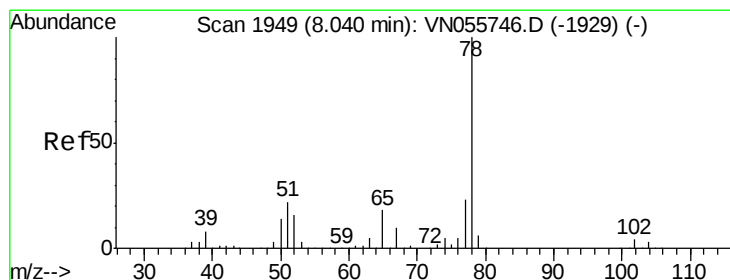
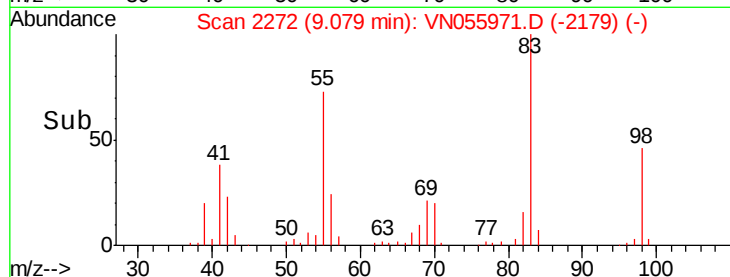
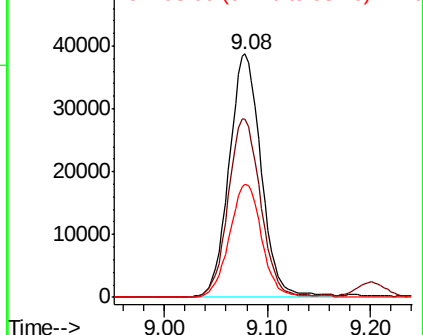
#39
Methvlcvclohexane
Concen: 17.194 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 83875
Ion Ratio Lower Upper
83 100
55 73.2 59.3 88.9
98 46.5 36.6 54.8

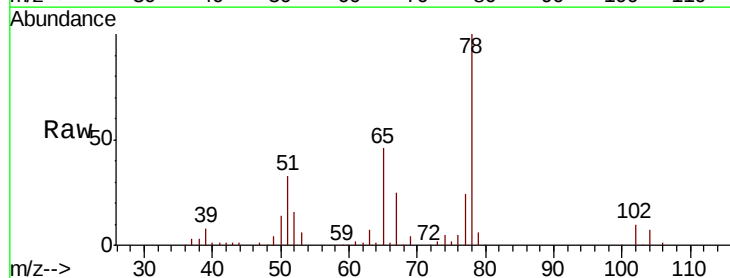


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

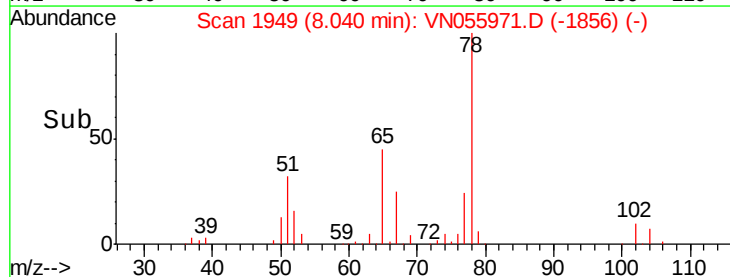
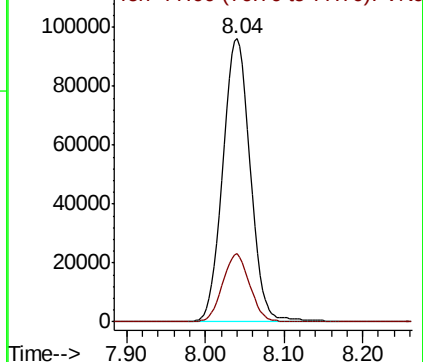


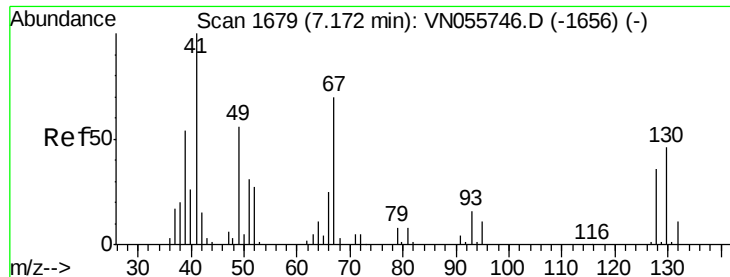
#40
Benzene
Concen: 19.532 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion: 78 Resp: 231900
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



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

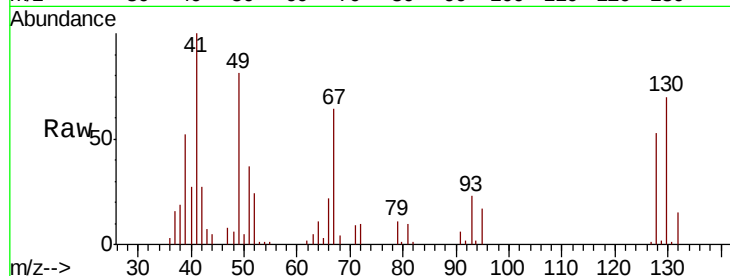




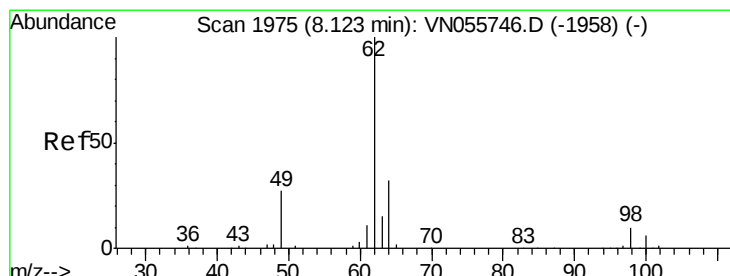
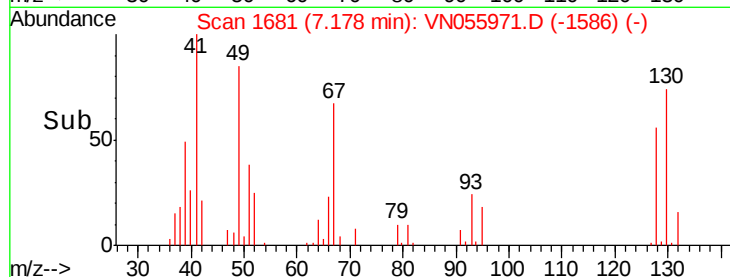
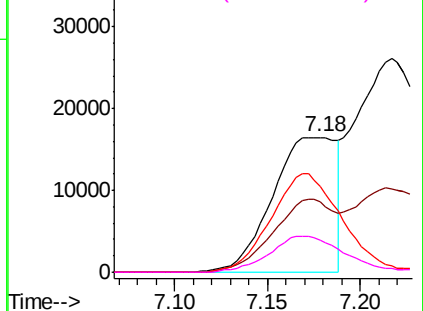
#41
Methacrylonitrile
Concen: 20.626 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 39674
Ion Ratio Lower Upper
41 100
39 51.4 45.6 68.4
67 81.5 67.7 101.5
52 31.4 26.6 40.0

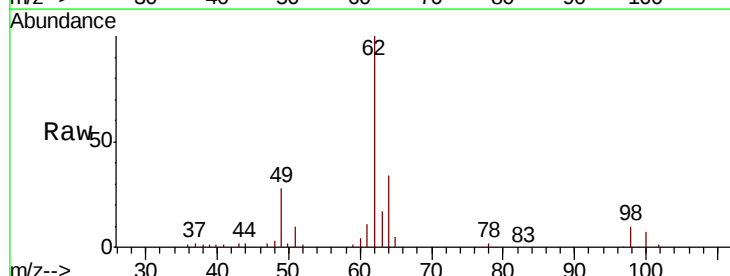


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

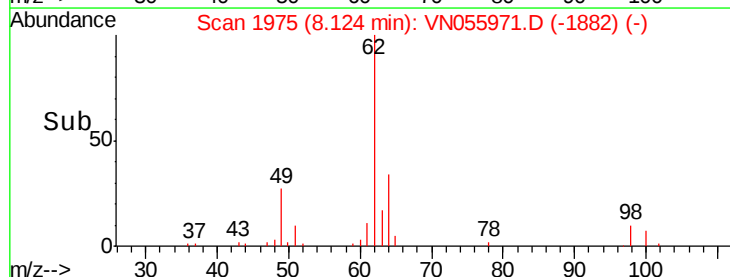
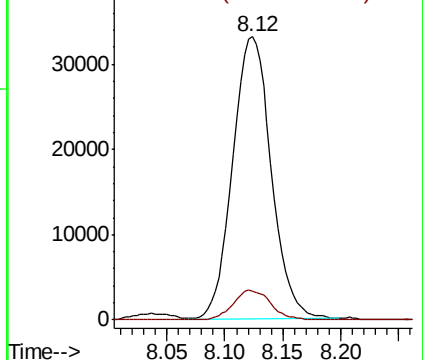


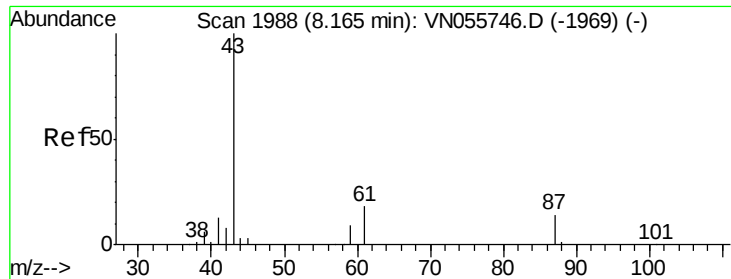
#42
1,2-Dichloroethane
Concen: 19.700 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion: 62 Resp: 76429
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 19.250 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

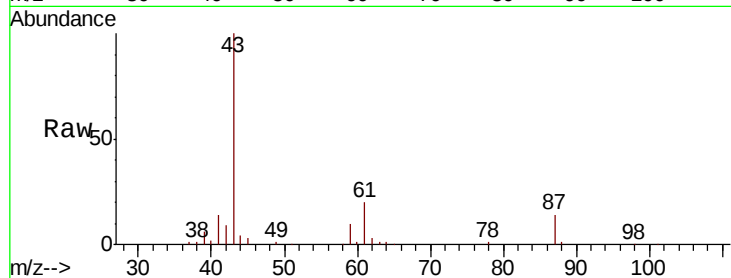
Tot Ion: 43 Resp: 123147

Ion Ratio Lower Upper

43 100

61 21.3 22.2 33.4#

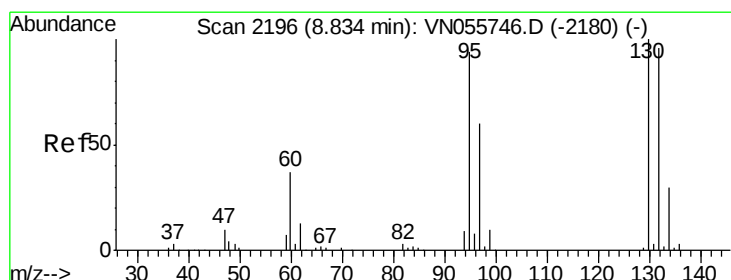
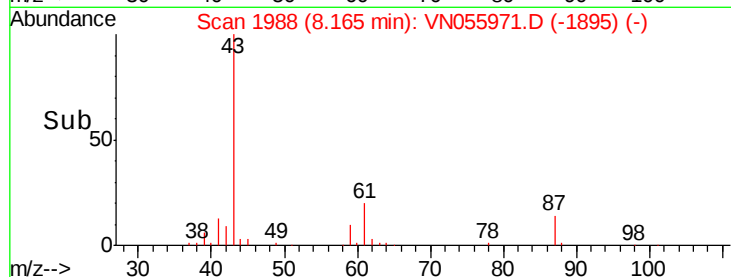
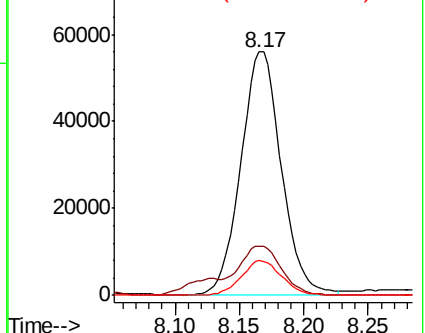
87 14.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055971.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055971.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055971.D (-1969) (-)



#44

Trichloroethene

Concen: 19.781 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055971.D

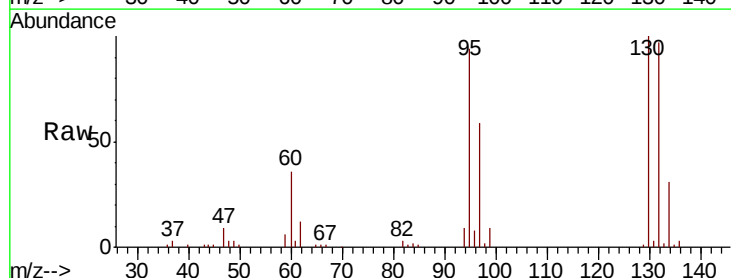
Acq: 3 Jun 2019 19:15

Tgt Ion:130 Resp: 65472

Ion Ratio Lower Upper

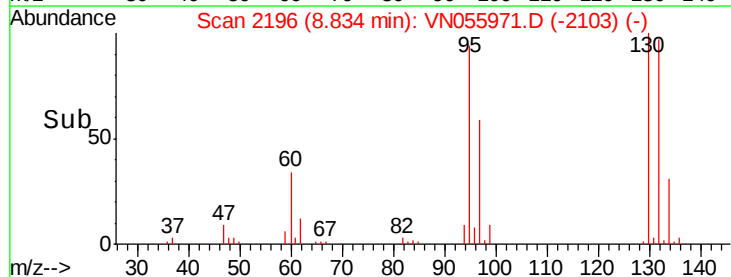
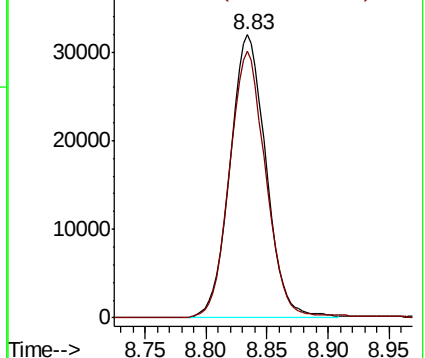
130 100

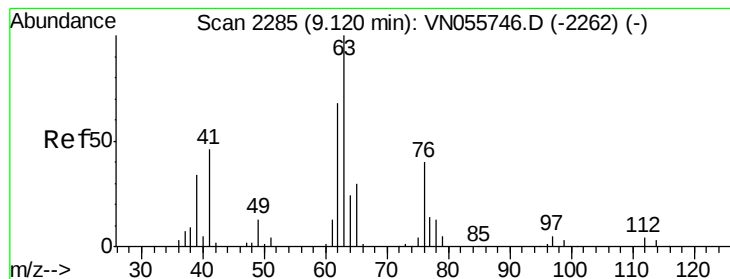
95 94.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055971.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055971.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 20.049 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

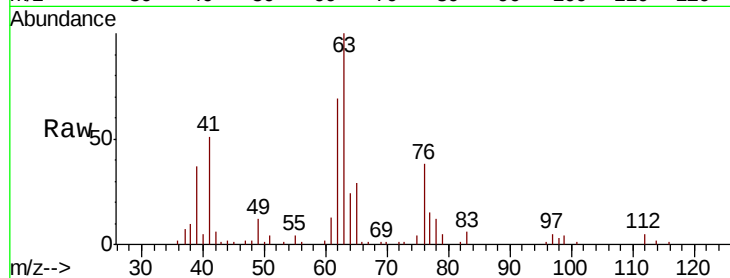
ClientSampleId :

Tot Ion: 63 Resp: 62017

Ion Ratio Lower Upper

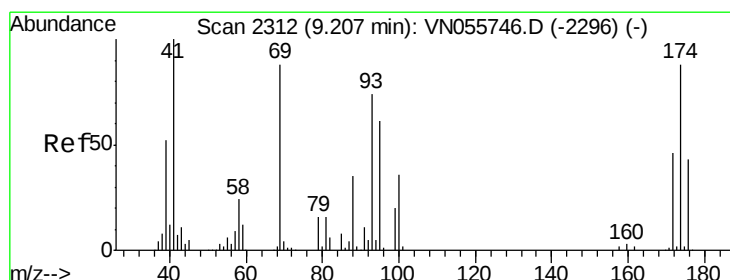
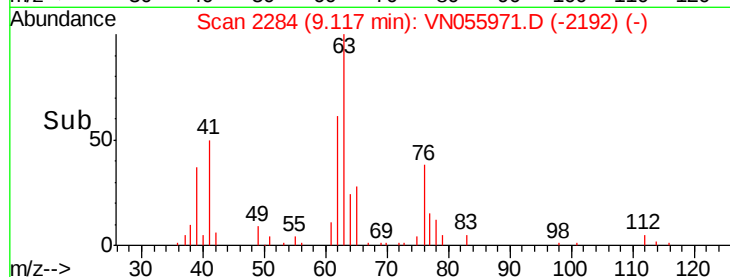
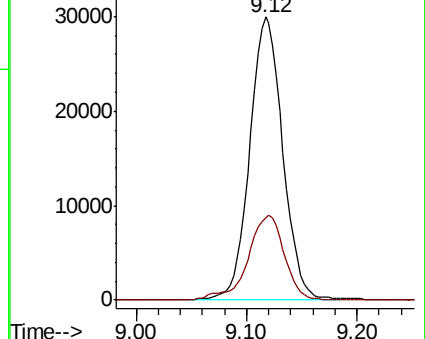
63 100

65 29.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.855 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

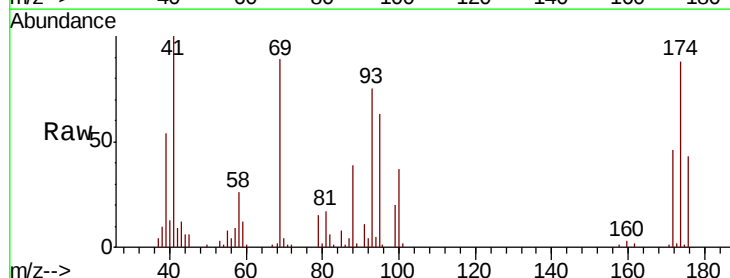
Tgt Ion: 93 Resp: 40279

Ion Ratio Lower Upper

93 100

95 84.4 66.7 100.1

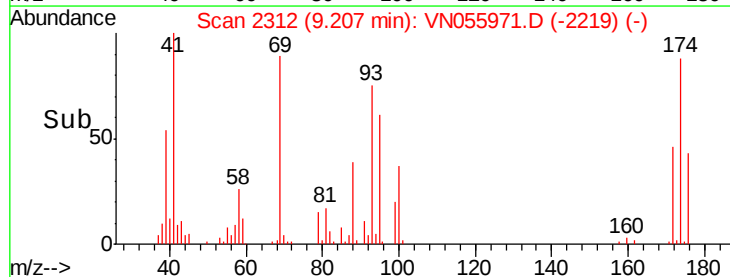
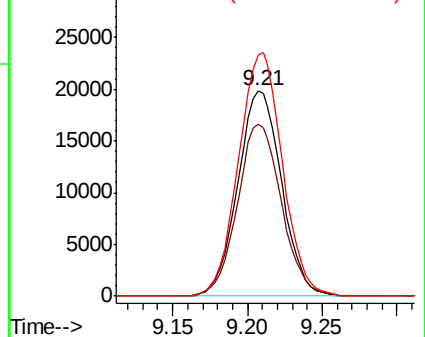
174 119.2 96.4 144.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.035 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

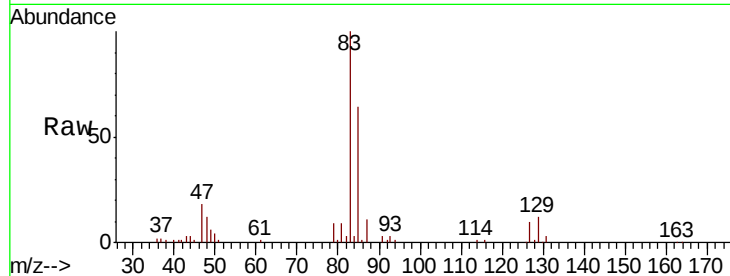
Tot Ion: 83 Resp: 70862

Ion Ratio Lower Upper

83 100

85 63.8 52.2 78.2

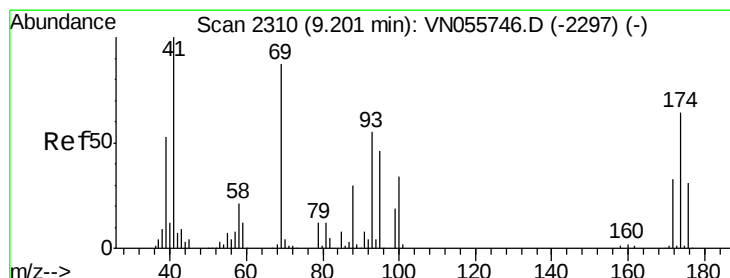
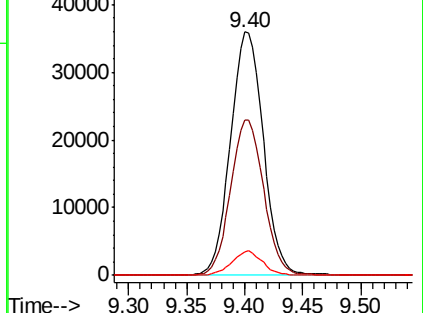
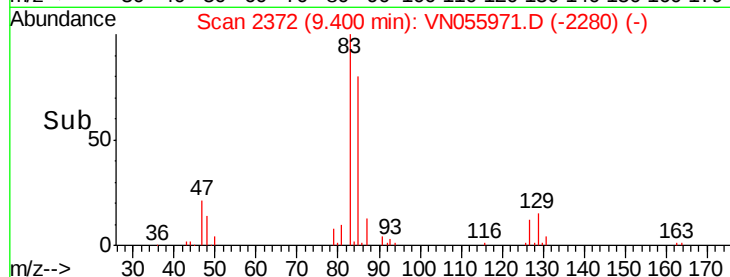
127 9.8 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055971.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055971.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055971.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.052 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

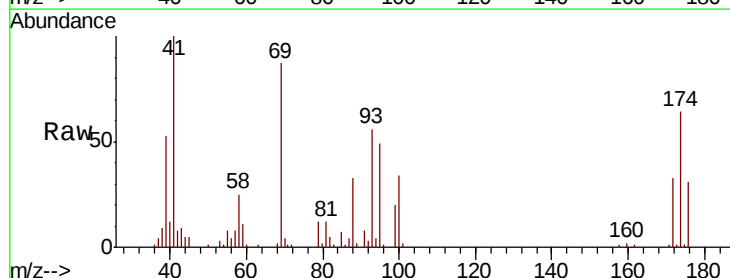
Tgt Ion: 41 Resp: 59118

Ion Ratio Lower Upper

41 100

69 91.1 71.0 106.6

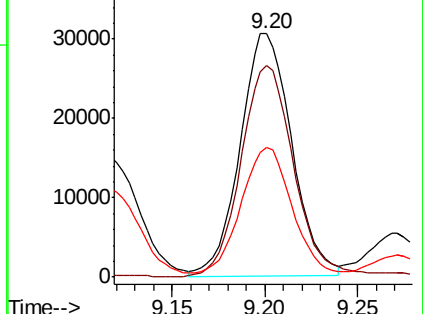
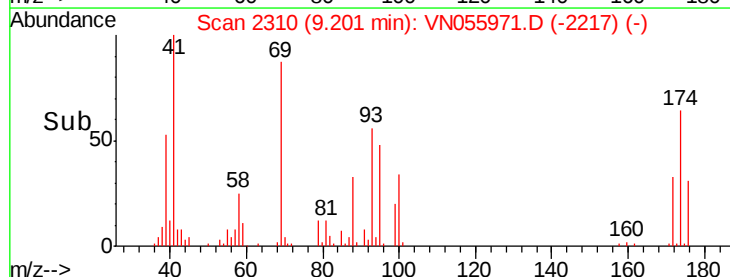
39 54.2 44.2 66.2

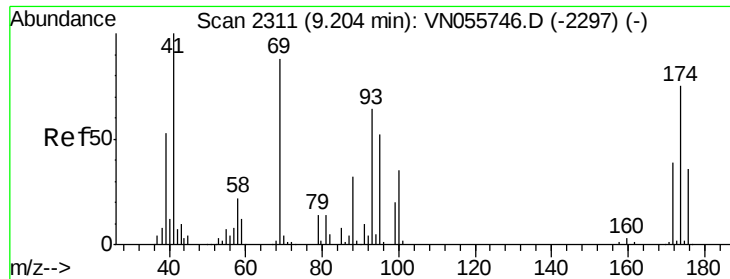


Abundance Ion 41.00 (40.70 to 41.70): VN055971.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055971.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055971.D (-2217) (-)





#49

1,4-Dioxane

Concen: 433.766 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :
MSVOA_N
ClientSampleId :

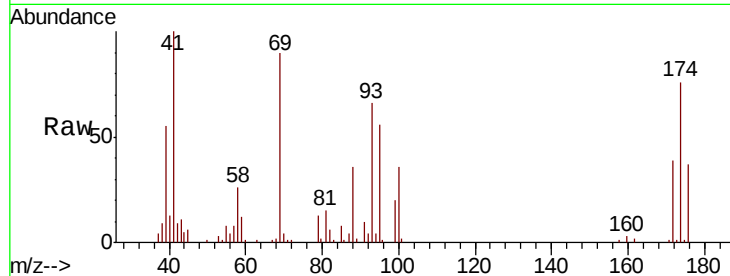
Tot Ion: 88 Resp: 26576

Ion Ratio Lower Upper

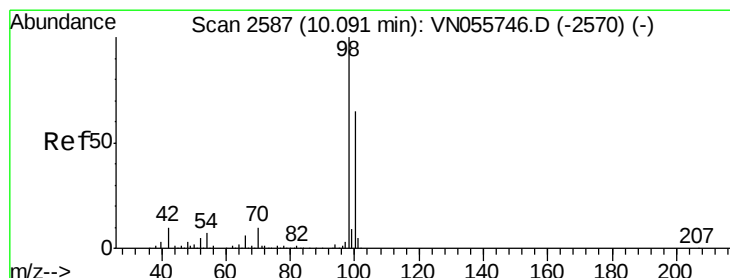
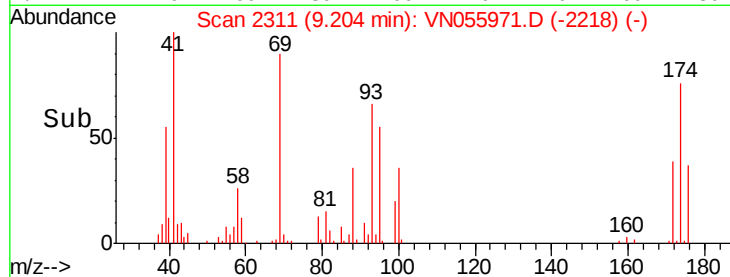
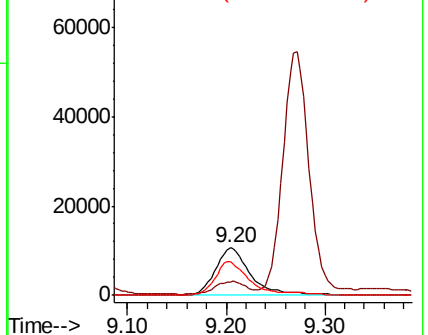
88 100

43 24.1 20.5 30.7

58 65.8 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: 49.525 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055971.D

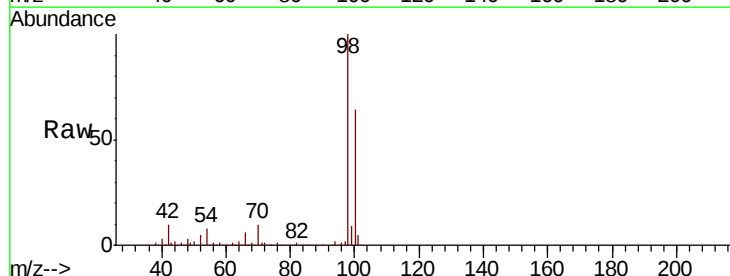
Acq: 3 Jun 2019 19:15

Tgt Ion: 98 Resp: 542945

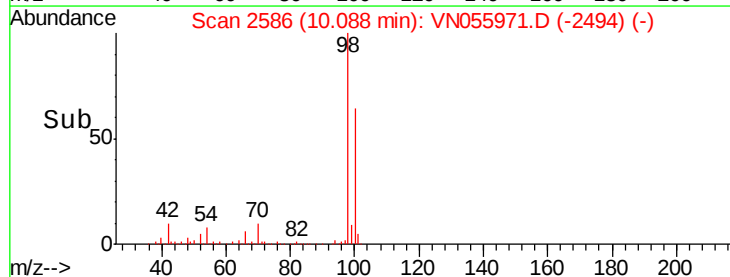
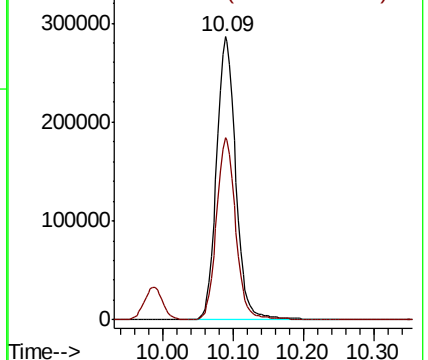
Ion Ratio Lower Upper

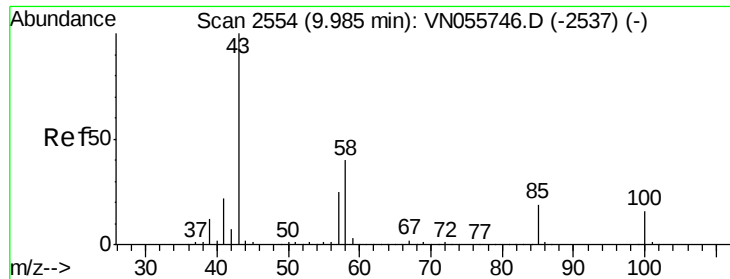
98 100

100 64.0 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: 103.371 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

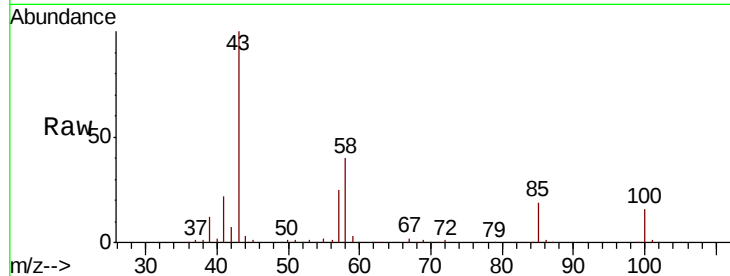
ClientSampled :

Tot Ion: 43 Resp: 390554

Ion Ratio Lower Upper

43 100

58 40.2 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055971.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055971.D (-2537) (-)

9.99

200000

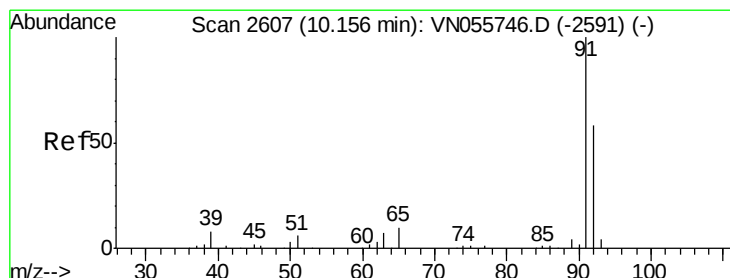
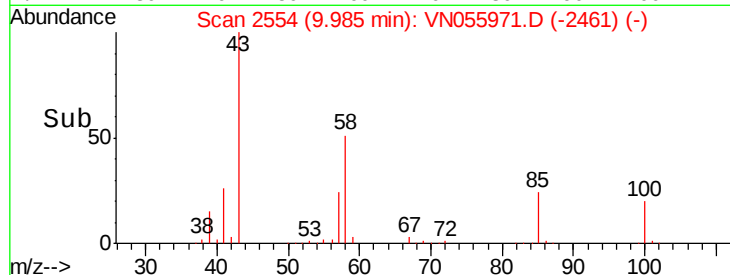
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.074 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055971.D

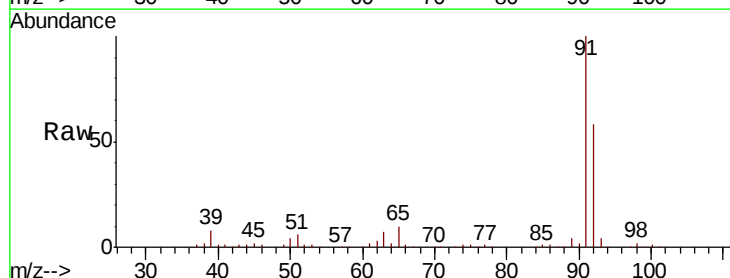
Acq: 3 Jun 2019 19:15

Tgt Ion: 92 Resp: 149891

Ion Ratio Lower Upper

92 100

91 174.3 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055971.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055971.D (-2591) (-)

10.16

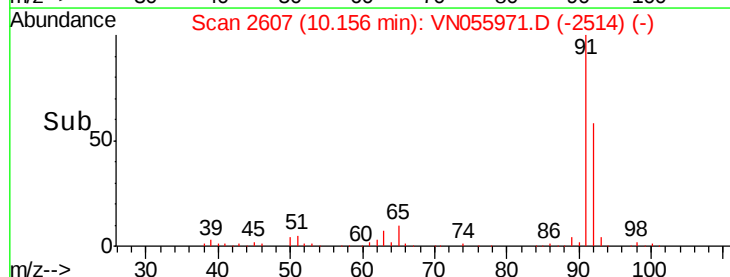
150000

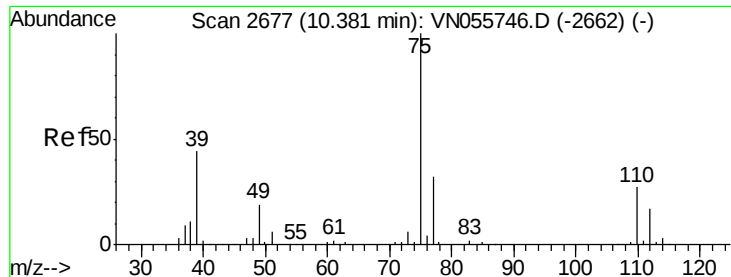
100000

50000

0

Time-->

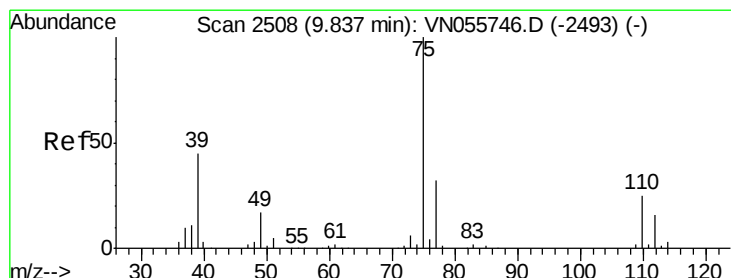
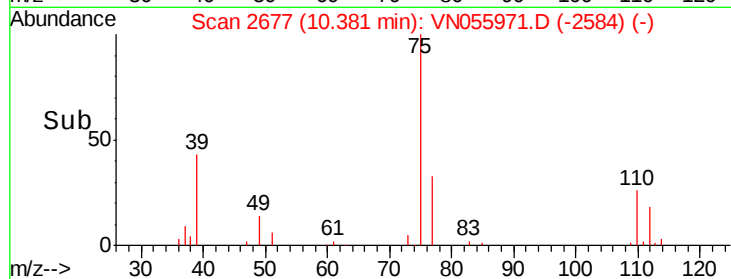
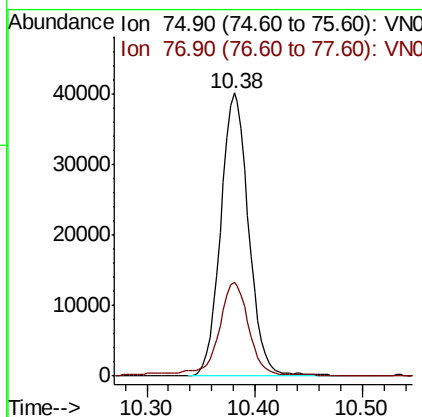
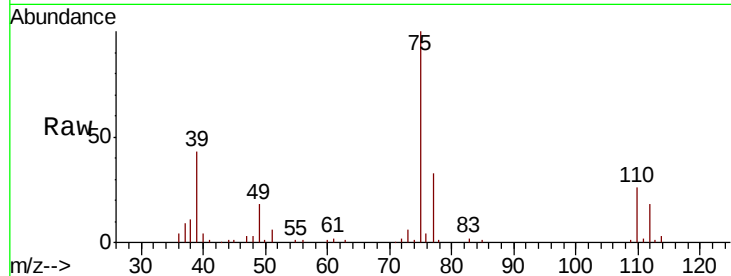




#53
 t-1,3-Dichloropropene
 Concen: 16.303 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

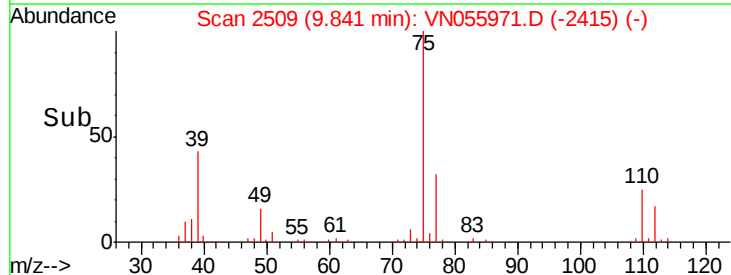
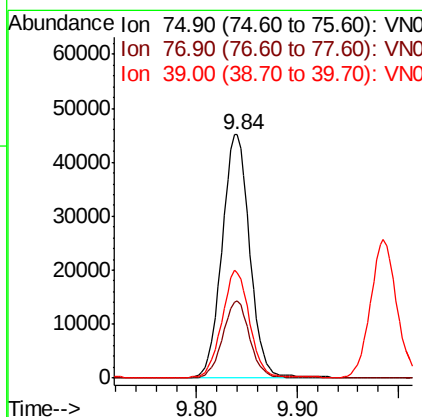
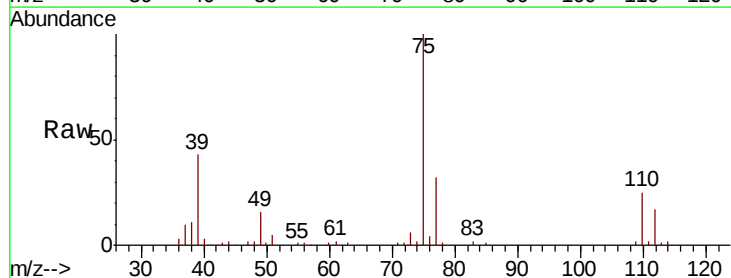
Instrument :
 MSVOA_N
 ClientSampleId :

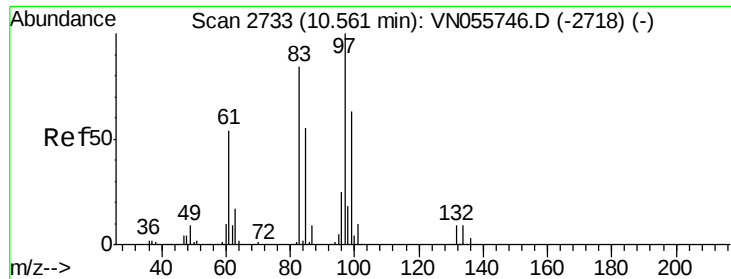
Tot Ion: 75 Resp: 72391
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 17.618 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

Tgt Ion: 75 Resp: 86664
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 43.1 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 20.754 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

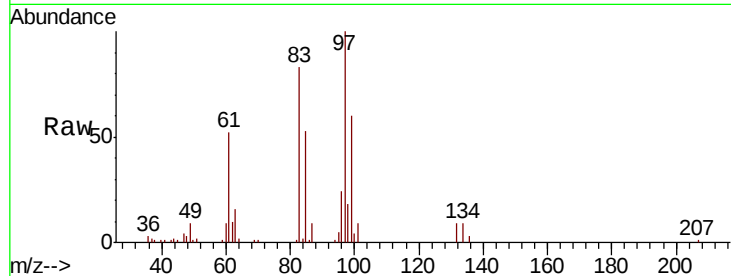
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 62083

Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.0	100.6
85	53.4	44.0	66.0
99	60.3	50.6	75.8



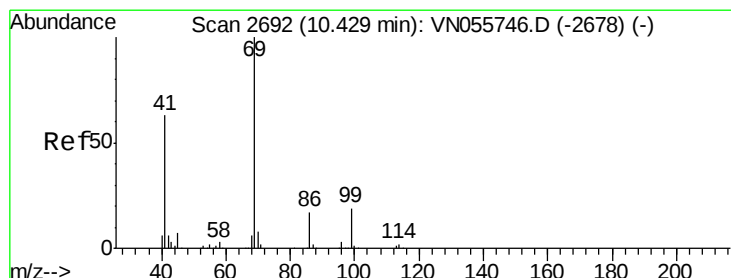
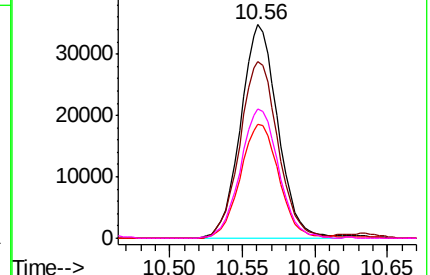
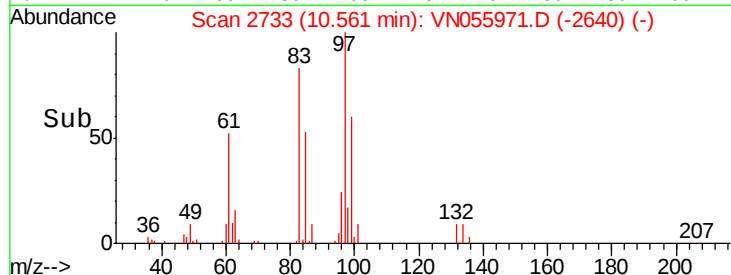
Abundance

Ion 96.90 (96.60 to 97.60): VNO

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: 19.876 ug/l

RT: 10.43 min Scan# 2692

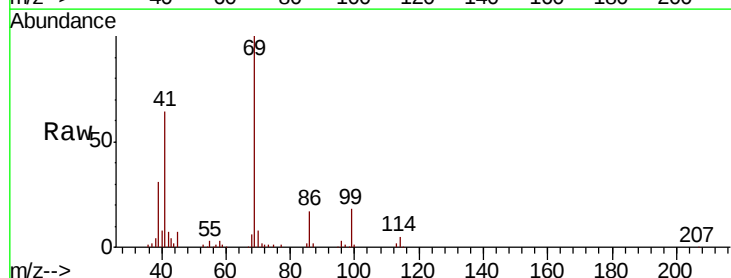
Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Tgt Ion: 69 Resp: 91891

Ion	Ratio	Lower	Upper
69	100		
41	62.8	49.7	74.5
39	30.6	24.7	37.1

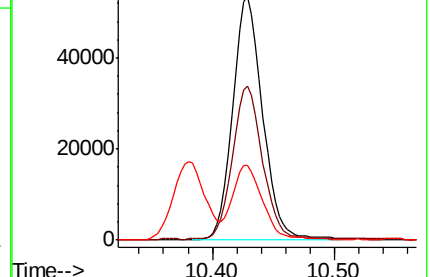
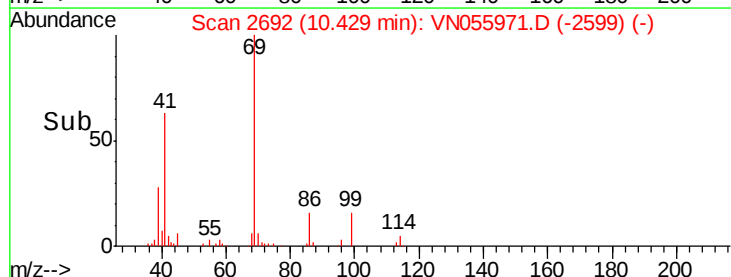


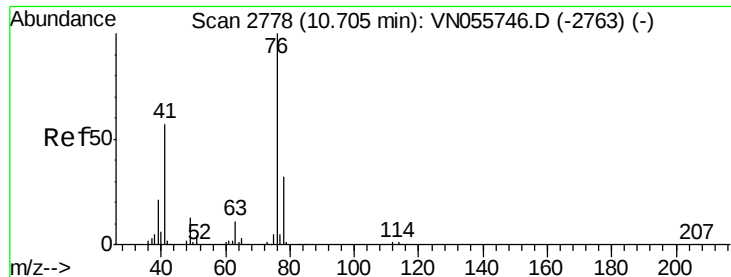
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

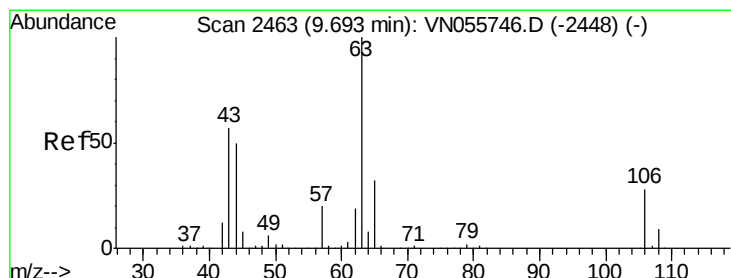
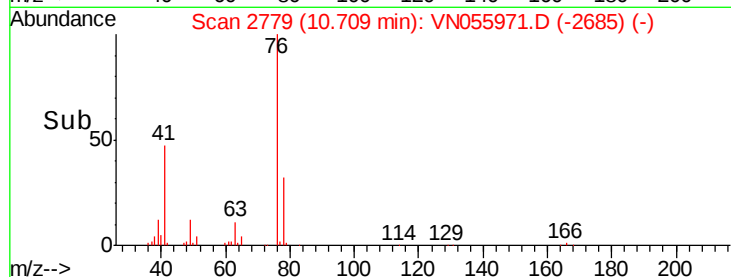
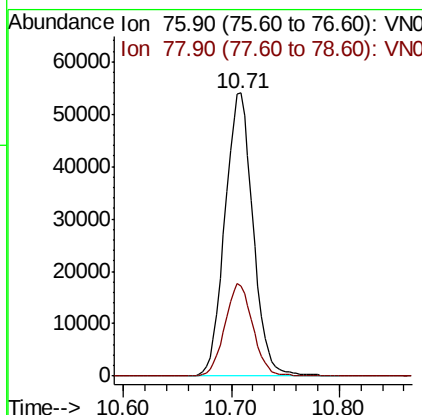
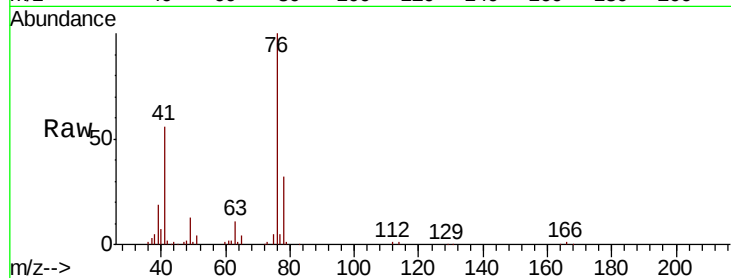




#57
 1,3-Dichloropropane
 Concen: 20.219 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

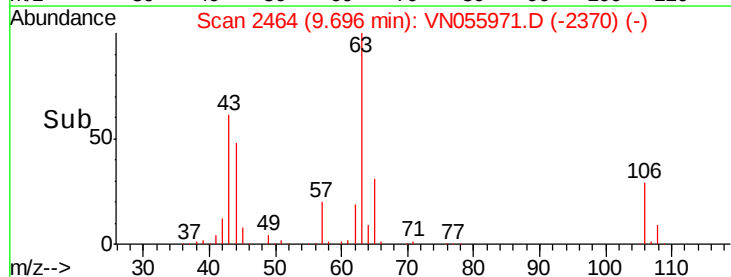
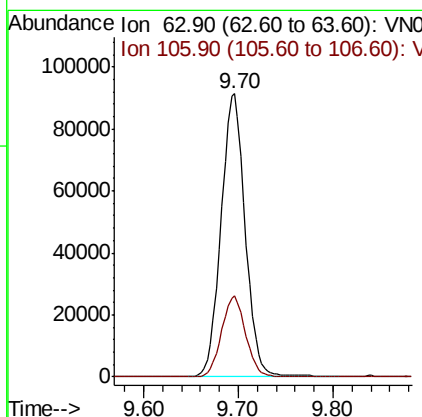
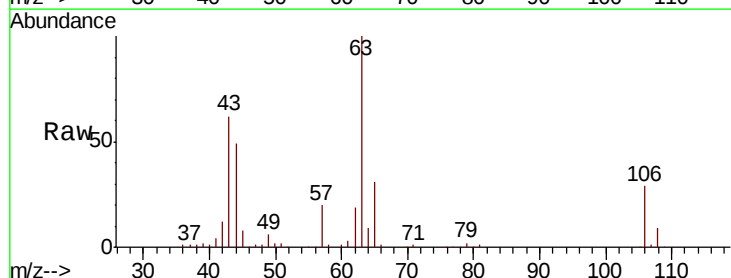
Instrument :
 MSVOA_N
 ClientSampled :

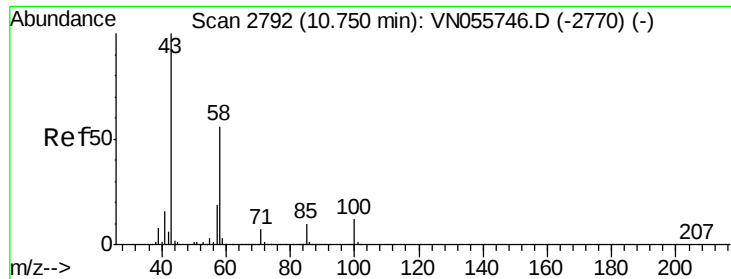
Tot Ion: 76 Resp: 98311
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.658 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

Tgt Ion: 63 Resp: 161938
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.7 34.1

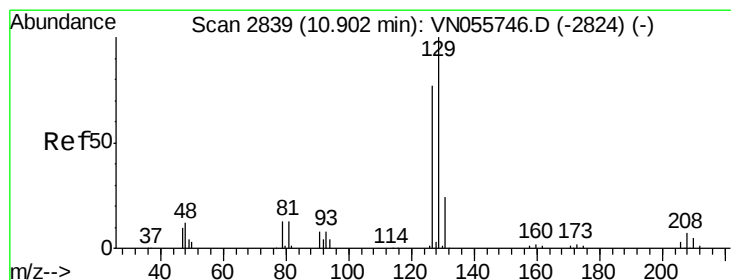
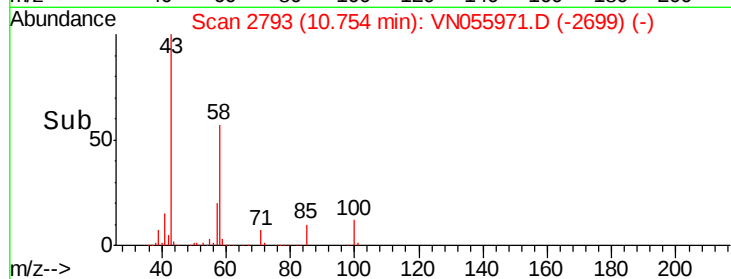
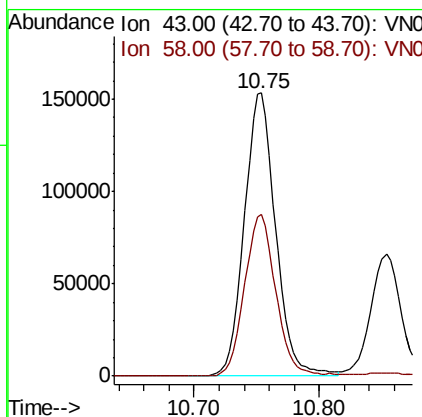
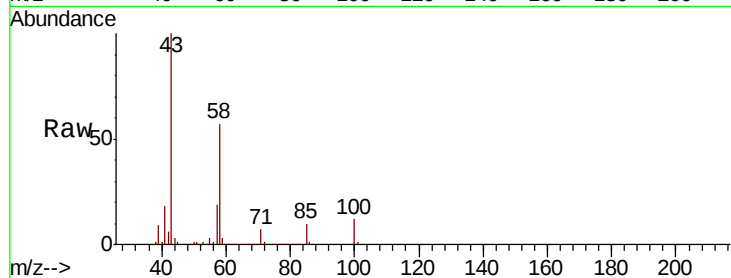




#59
2-Hexanone
Concen: 99.709 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

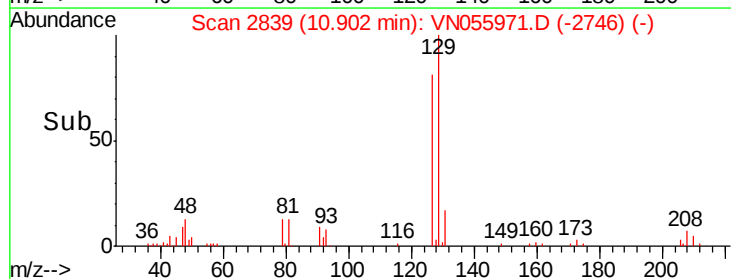
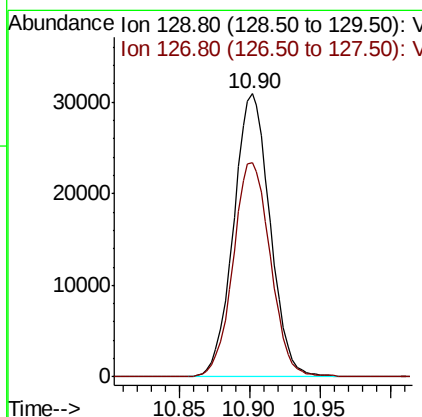
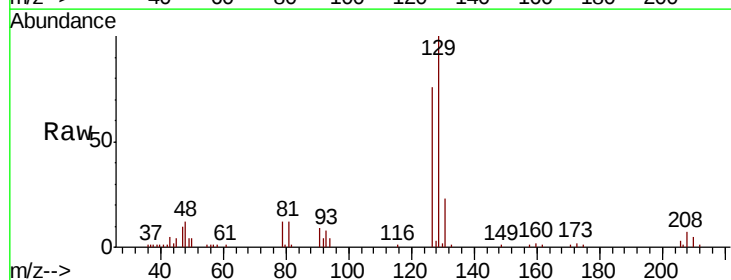
Instrument :
MSVOA_N
ClientSampleId :

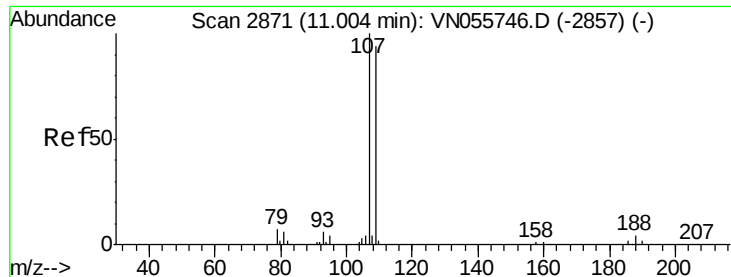
Tot Ion: 43 Resp: 267248
Ion Ratio Lower Upper
43 100
58 57.2 28.2 84.7



#60
Dibromochloromethane
Concen: 16.068 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion:129 Resp: 55995
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 19.914 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

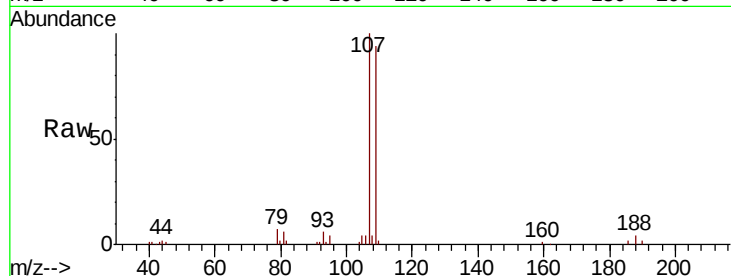
ClientSampleId :

Tot Ion:107 Resp: 61788

Ion Ratio Lower Upper

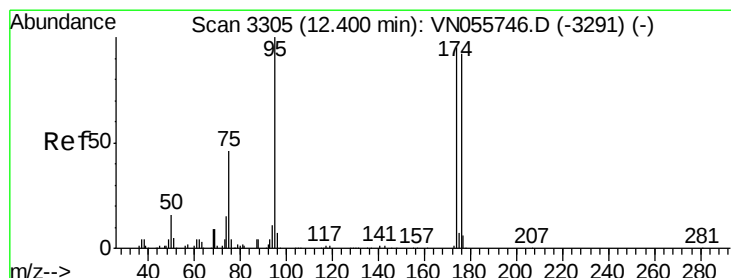
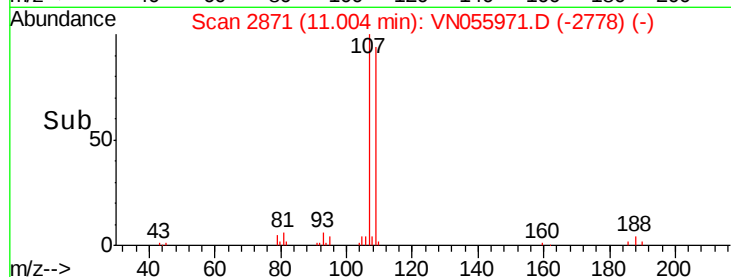
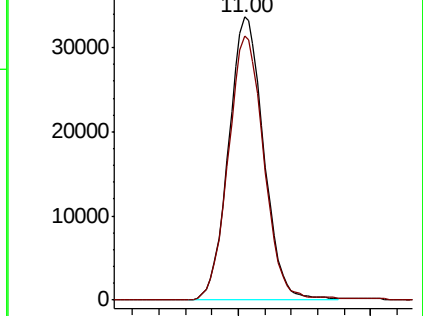
107 100

109 94.1 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: 48.743 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

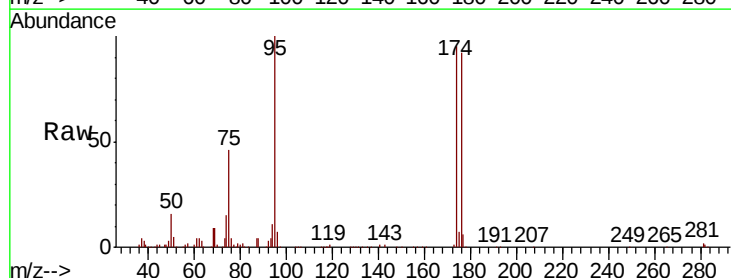
Tgt Ion: 95 Resp: 183229

Ion Ratio Lower Upper

95 100

174 94.0 0.0 191.0

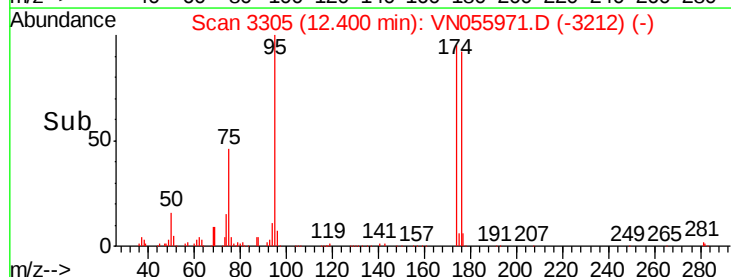
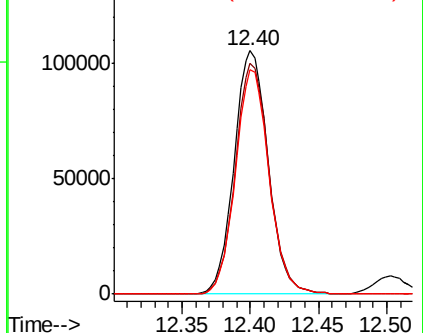
176 90.9 0.0 185.2

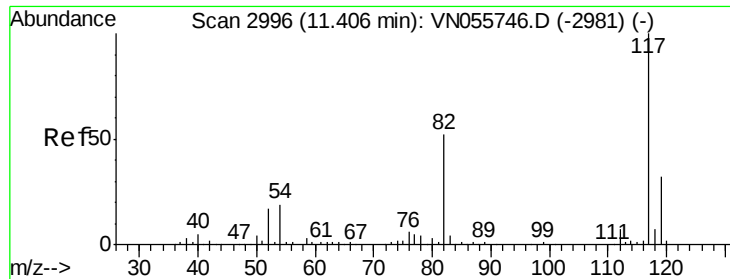


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

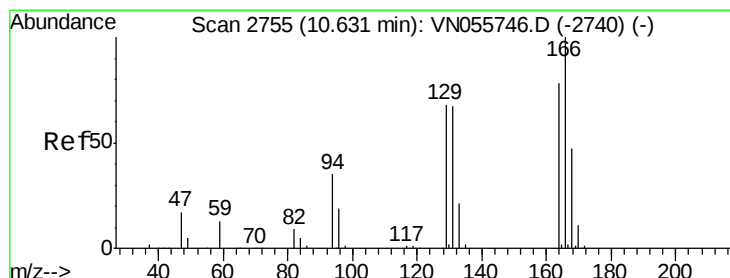
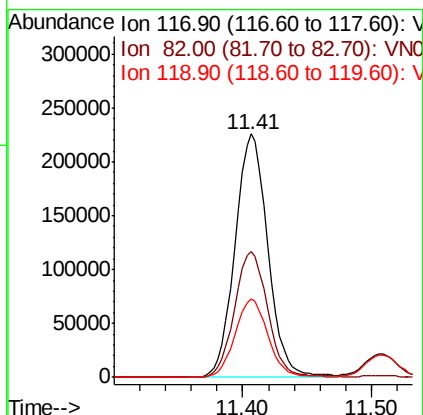
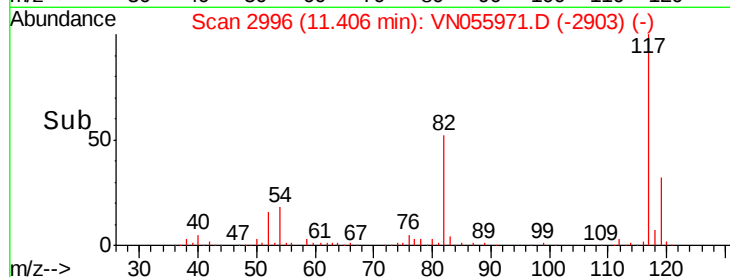
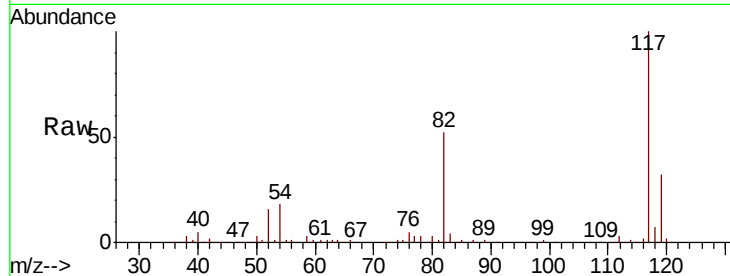




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

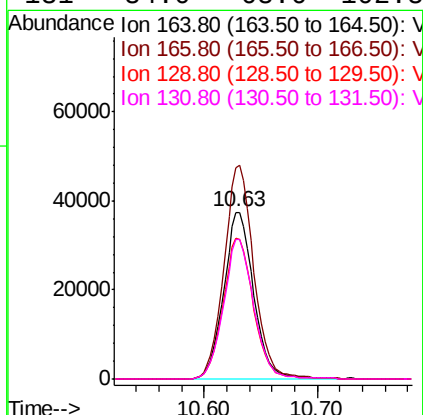
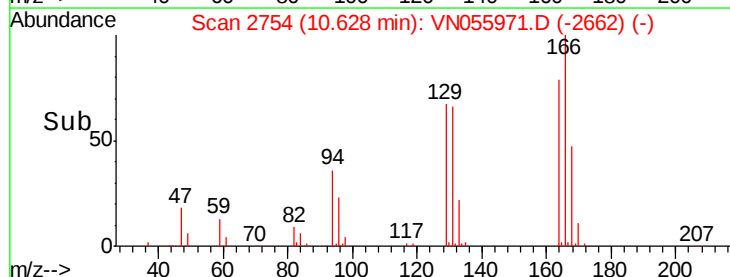
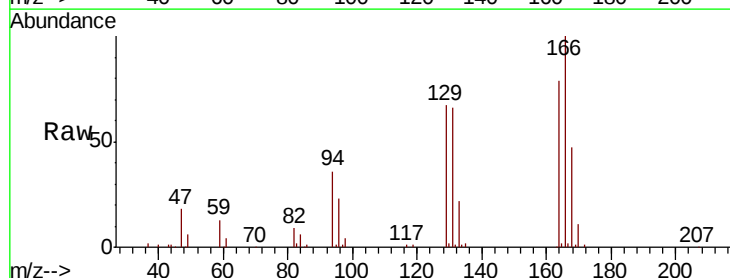
Instrument :
MSVOA_N
ClientSampled :

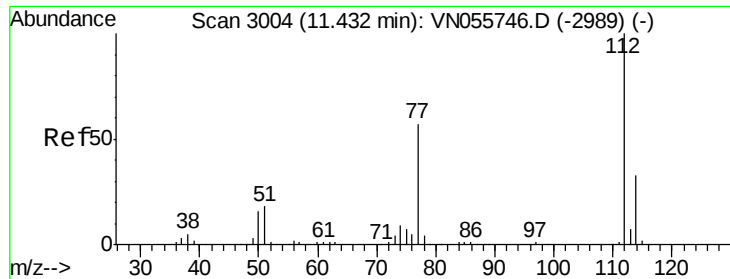
Tot Ion:117 Resp: 399735
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 20.419 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion:164 Resp: 68841
Ion Ratio Lower Upper
164 100
166 126.5 103.0 154.6
129 84.7 70.6 105.8
131 84.0 68.6 102.8

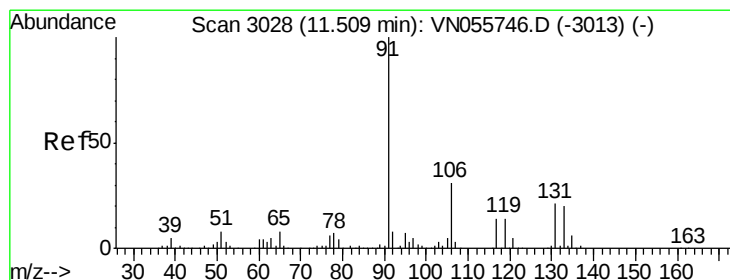
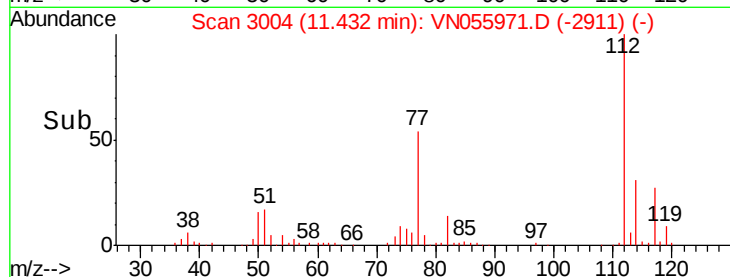
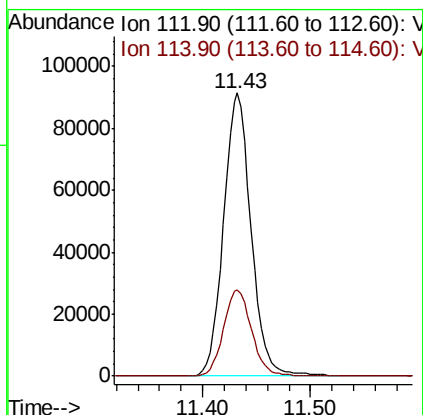
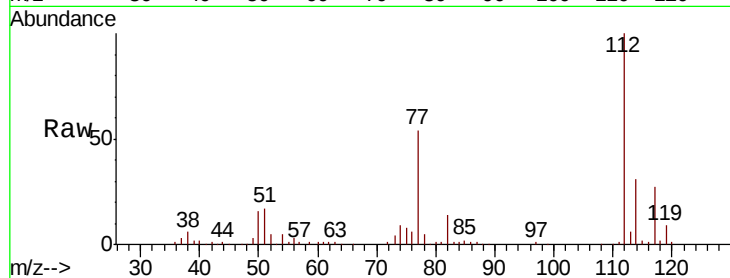




#65
Chlorobenzene
Concen: 20.258 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

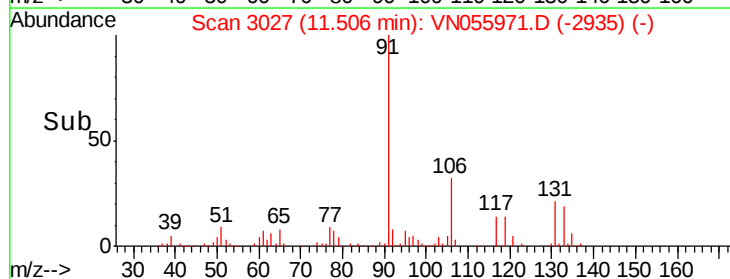
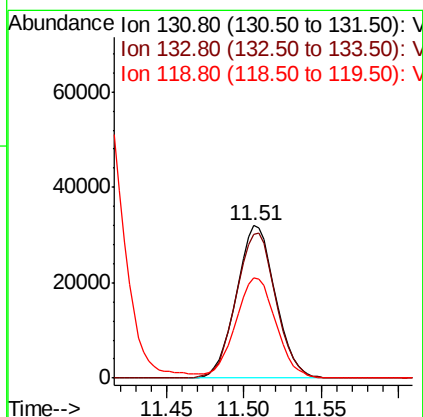
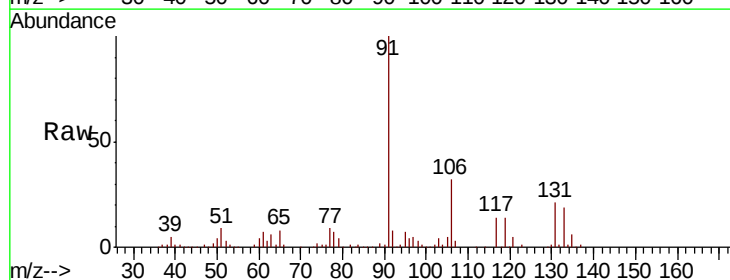
Instrument :
MSVOA_N
ClientSampleId :

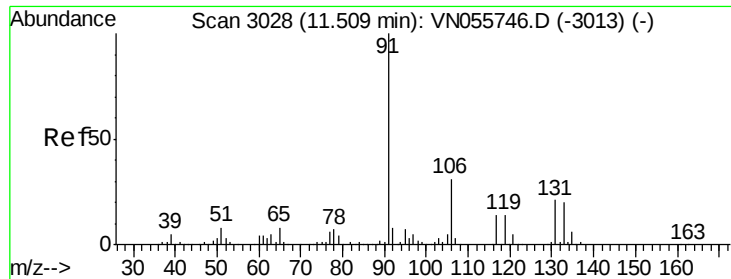
Tot Ion:112 Resp: 162113
Ion Ratio Lower Upper
112 100
114 30.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.637 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion:131 Resp: 56290
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.0
119 67.8 33.1 99.5

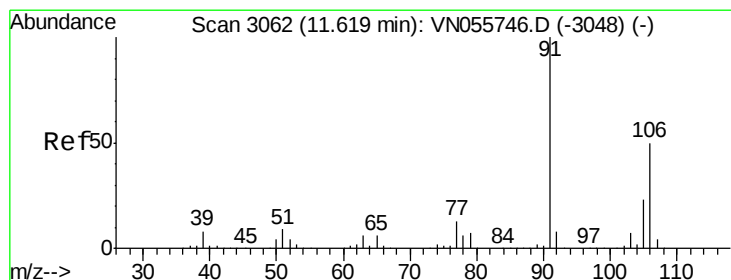
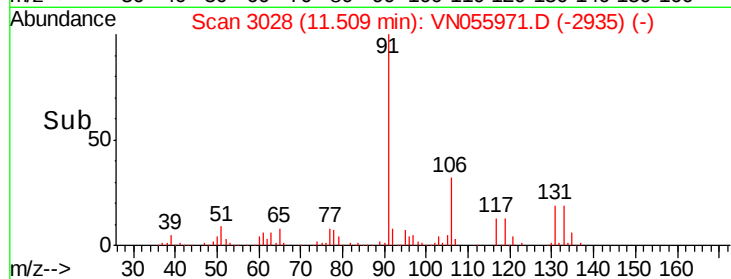
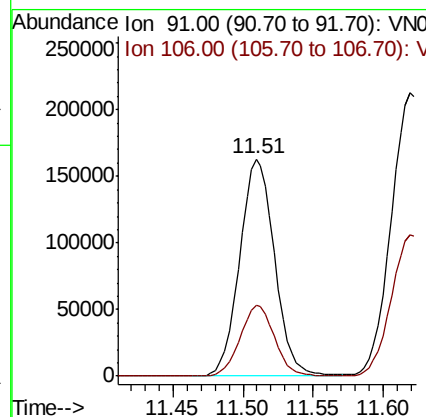
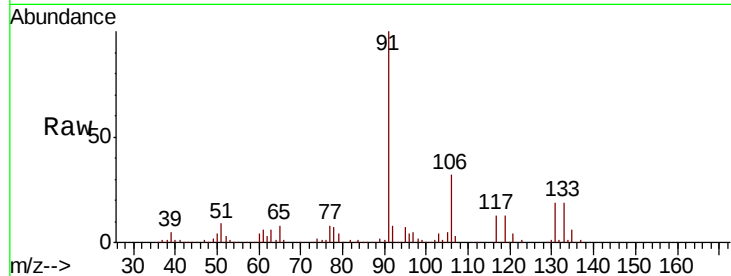




#67
Ethyl Benzene
Concen: 19.701 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

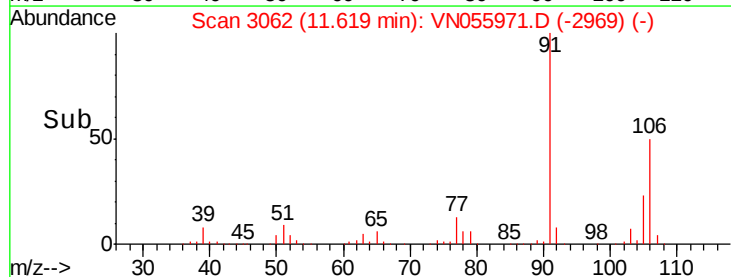
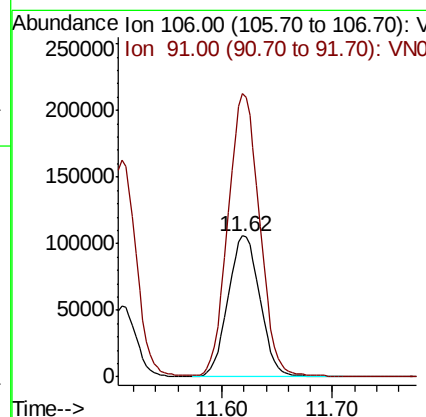
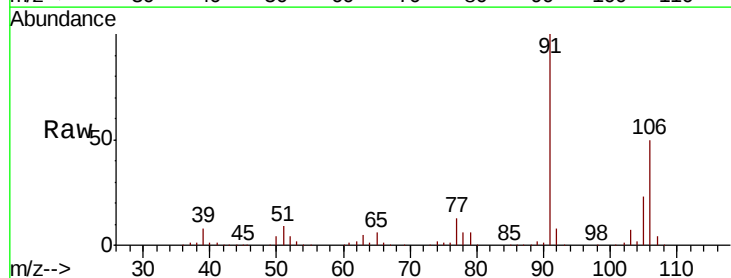
Instrument :
MSVOA_N
ClientSampled :

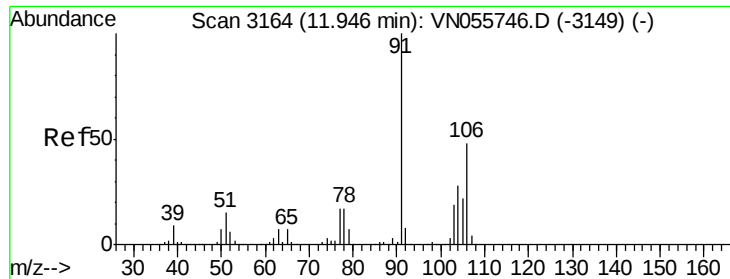
Tot Ion: 91 Resp: 282721
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7



#68
m/p-Xylenes
Concen: 39.361 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion: 106 Resp: 213540
Ion Ratio Lower Upper
106 100
91 199.0 159.3 238.9

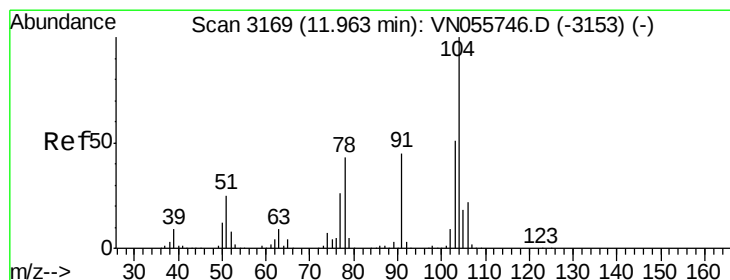
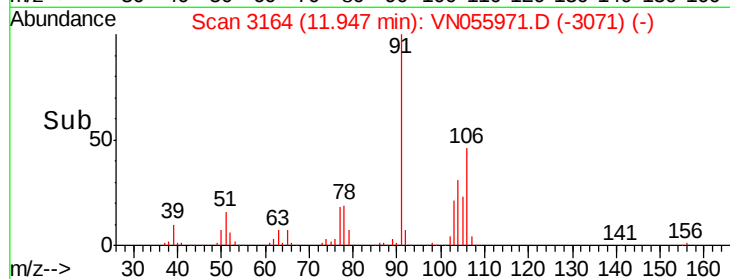
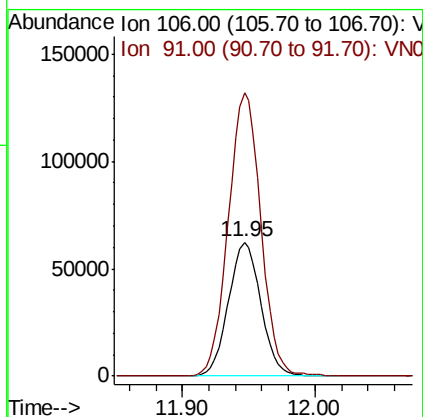
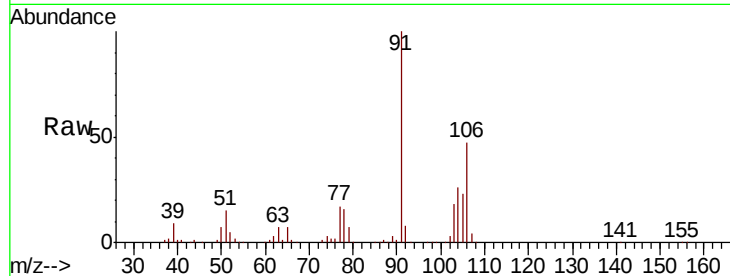




#69
o-Xylene
Concen: 19.708 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

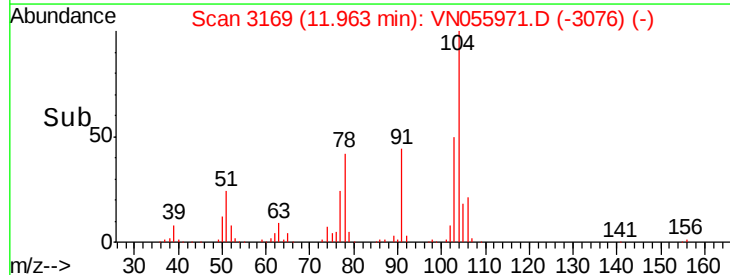
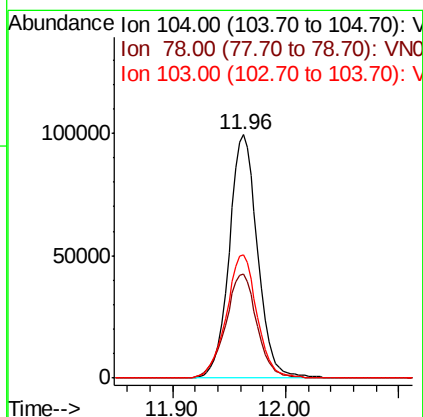
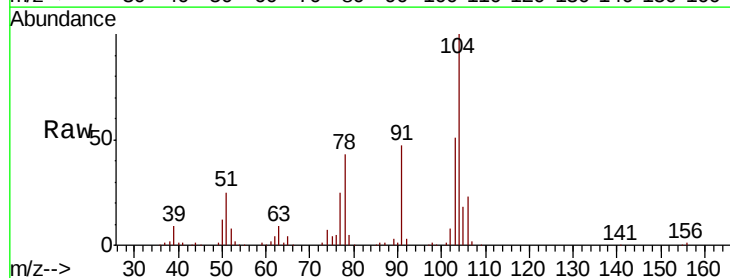
Instrument :
MSVOA_N
ClientSampled :

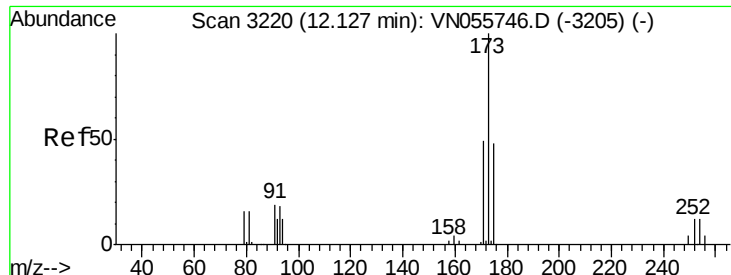
Tot Ion:106 Resp: 106078
Ion Ratio Lower Upper
106 100
91 212.0 104.7 314.1



#70
Styrene
Concen: 19.887 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion:104 Resp: 173340
Ion Ratio Lower Upper
104 100
78 47.5 37.8 56.6
103 54.9 44.2 66.2





#71

Bromoform

Concen: 13.750 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

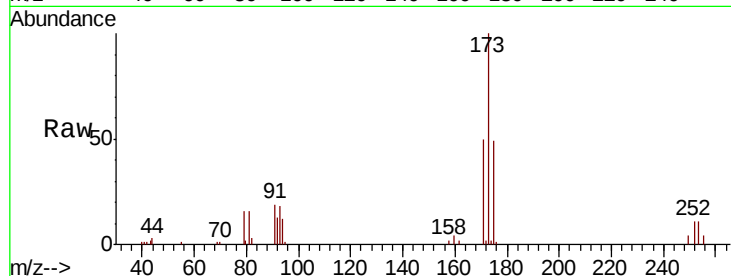
Tot Ion:173 Resp: 37432

Ion Ratio Lower Upper

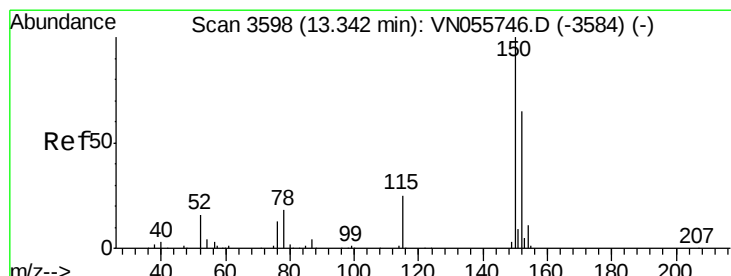
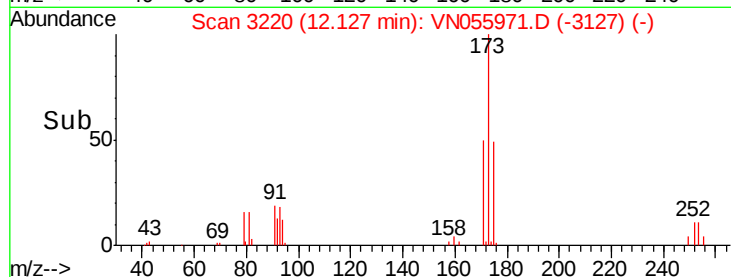
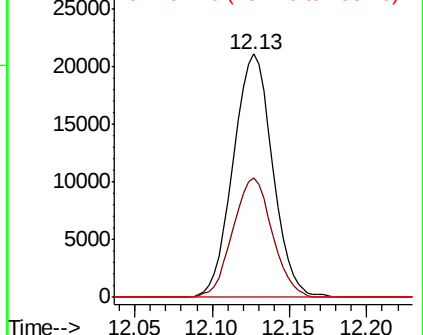
173 100

175 48.9 24.3 72.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

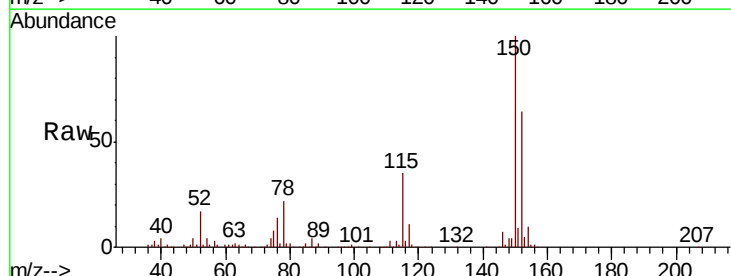
Tgt Ion:152 Resp: 165507

Ion Ratio Lower Upper

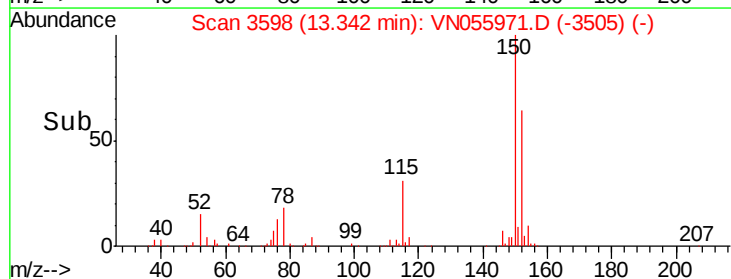
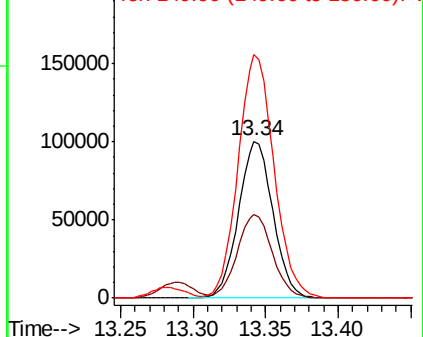
152 100

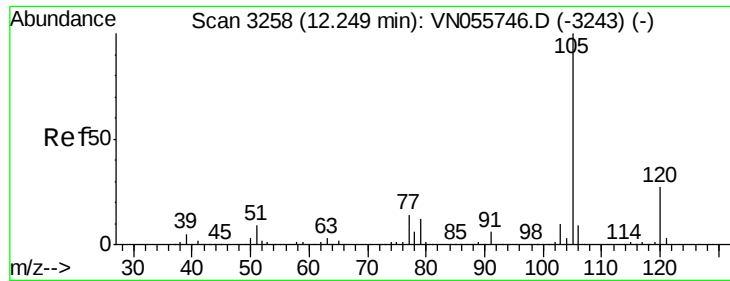
115 54.5 27.0 81.0

150 162.4 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.390 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

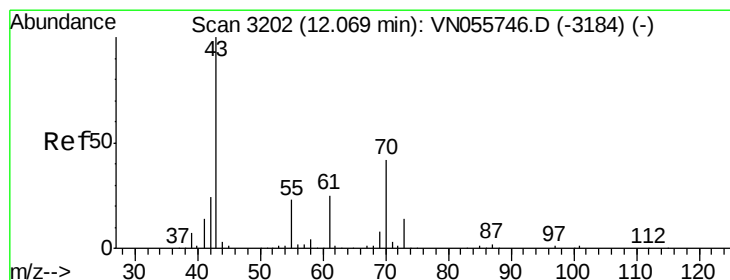
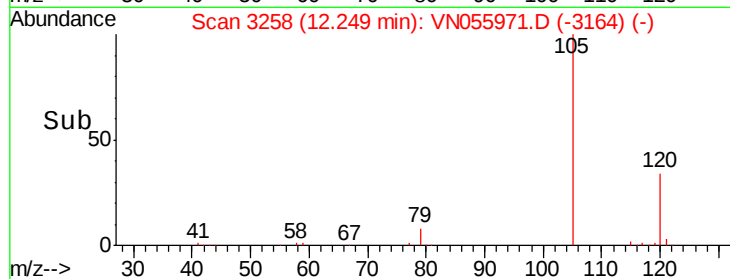
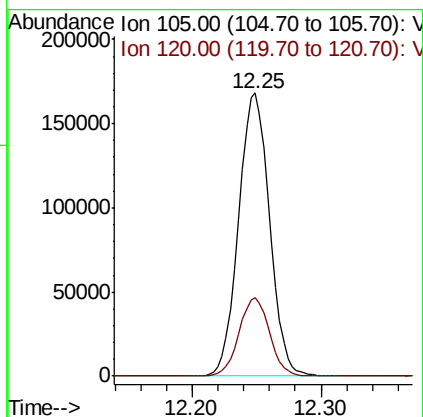
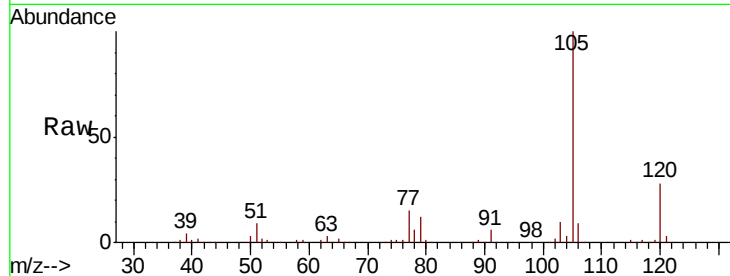
ClientSampleId :

Tot Ion:105 Resp: 280944

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.7



#74

N-ethyl acetate

Concen: 20.412 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Tgt Ion: 43 Resp: 97525

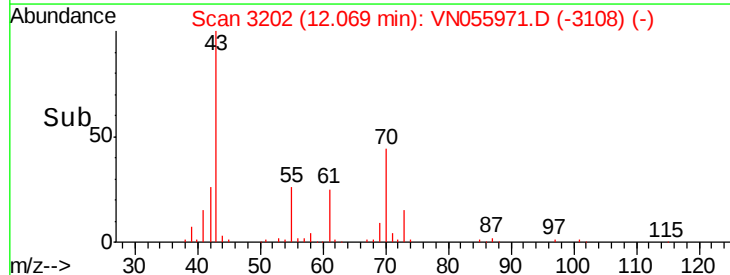
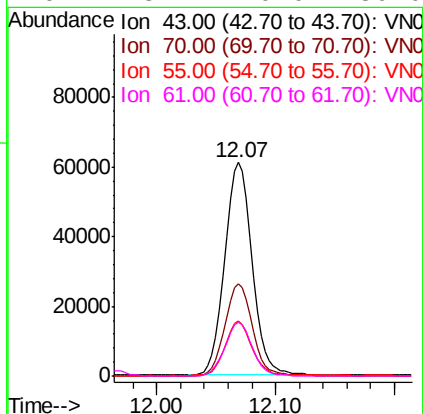
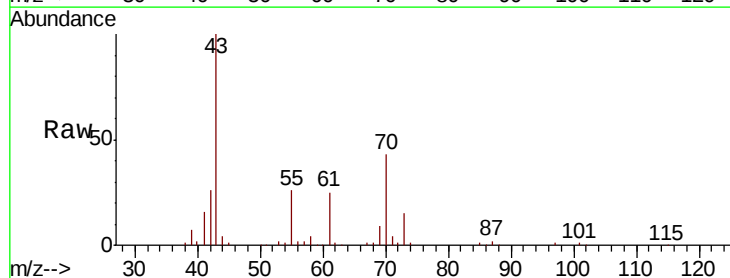
Ion Ratio Lower Upper

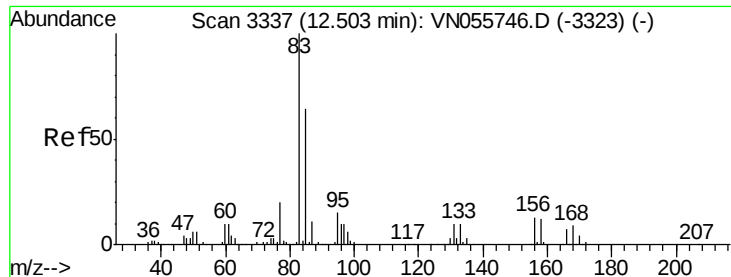
43 100

70 43.4 34.0 51.0

55 24.7 18.6 28.0

61 25.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.666 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

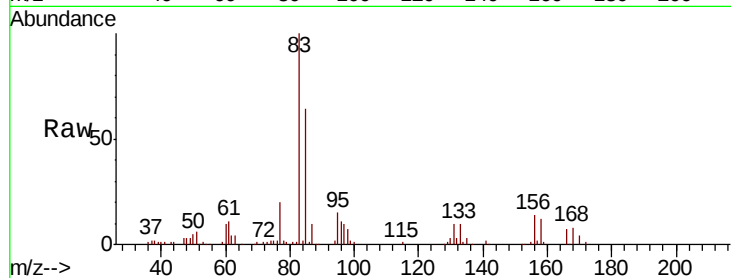
Tot Ion: 83 Resp: 85345

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.4	16.2
85	63.7	32.4	97.0

83 100

131 10.9 5.4 16.2

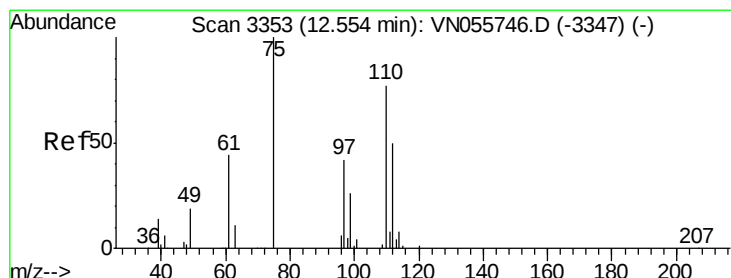
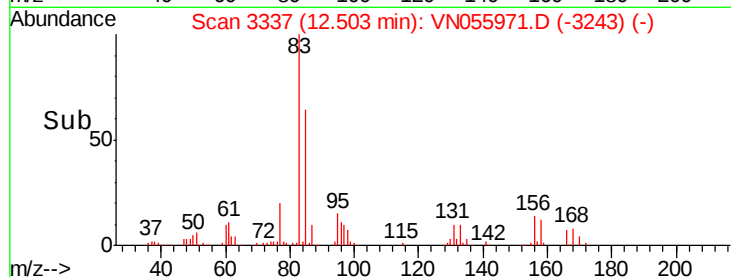
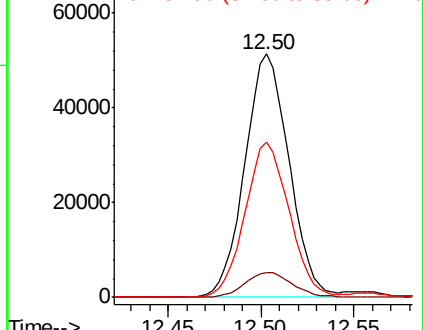
85 63.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.029 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055971.D

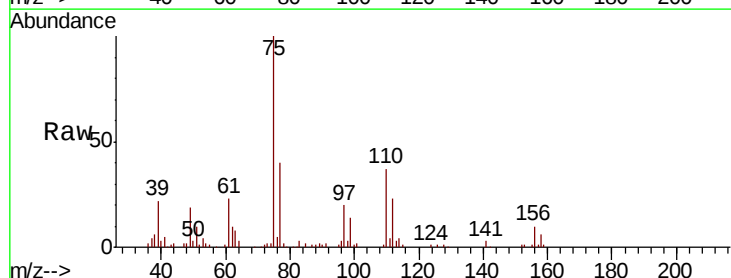
Acq: 3 Jun 2019 19:15

Tgt Ion: 75 Resp: 97174

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

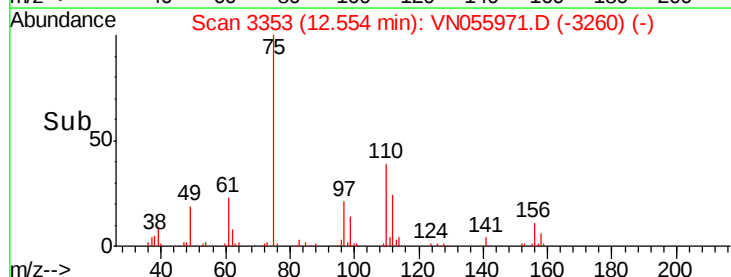
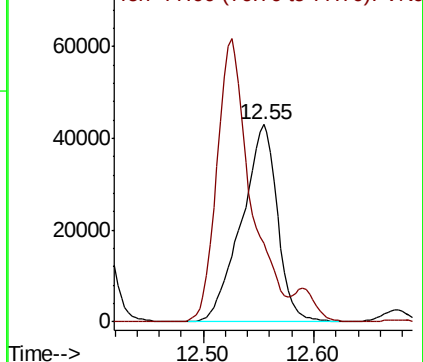
75 100

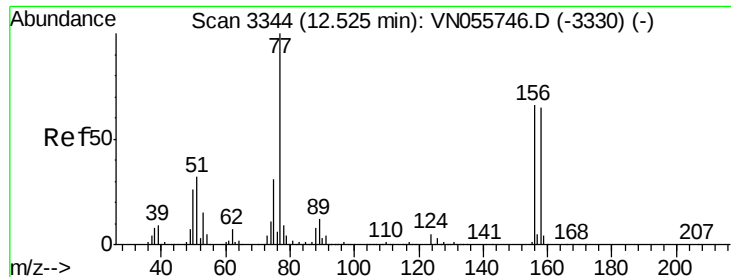
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 24.138 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

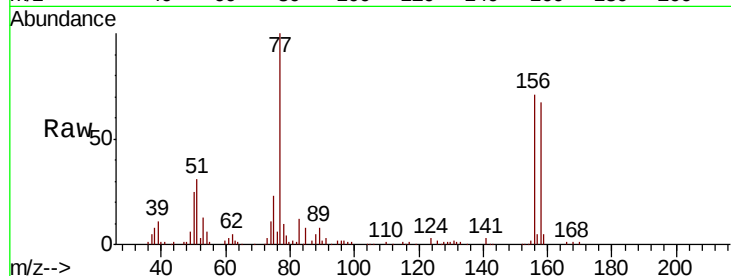
Tot Ion:156 Resp: 85248

Ion Ratio Lower Upper

156 100

77 153.5 90.8 272.5

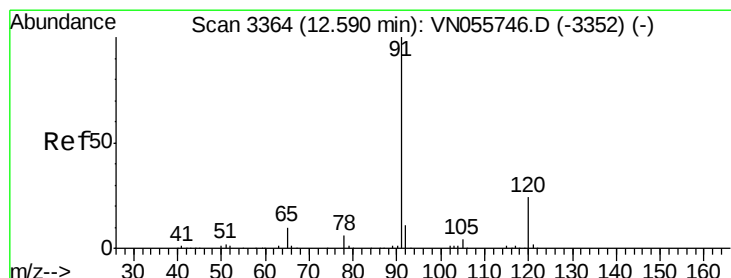
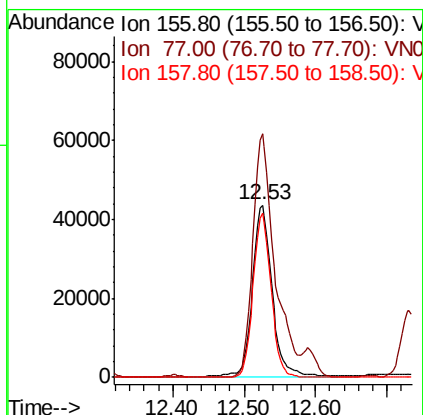
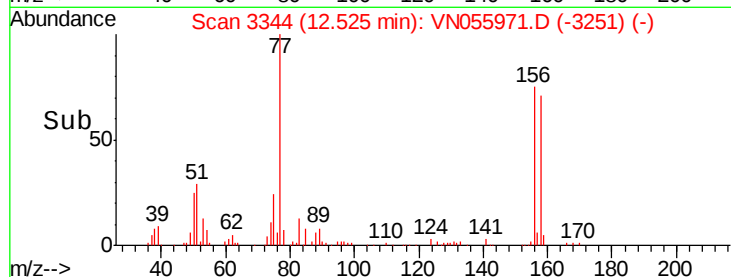
158 84.8 49.3 147.8



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: 20.450 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055971.D

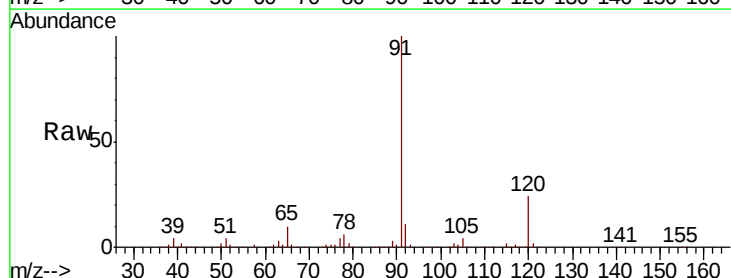
Acq: 3 Jun 2019 19:15

Tgt Ion: 91 Resp: 294164

Ion Ratio Lower Upper

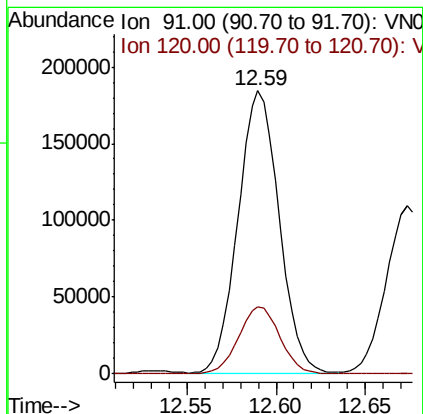
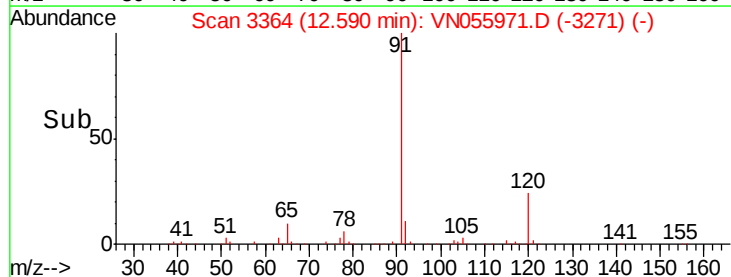
91 100

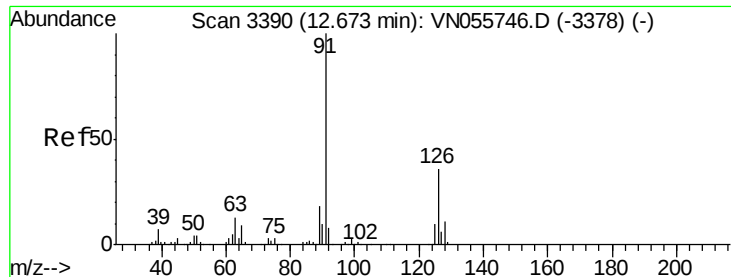
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.125 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

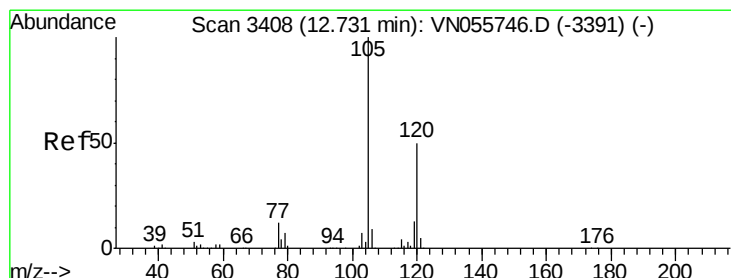
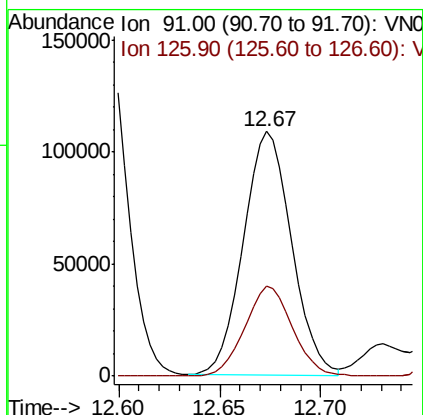
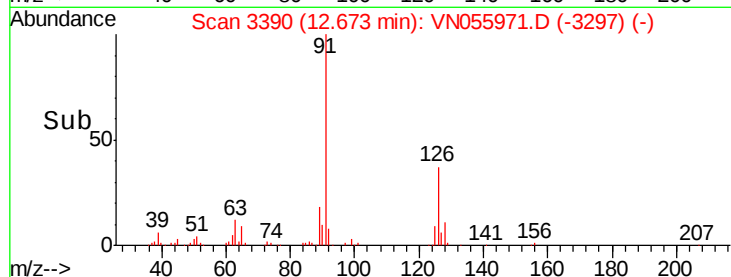
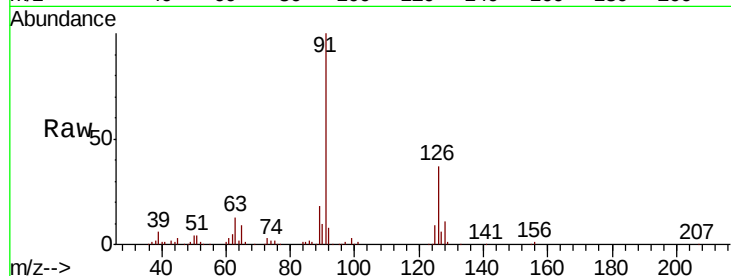
ClientSampled :

Tot Ion: 91 Resp: 182441

Ion Ratio Lower Upper

91 100

126 36.6 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 21.686 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055971.D

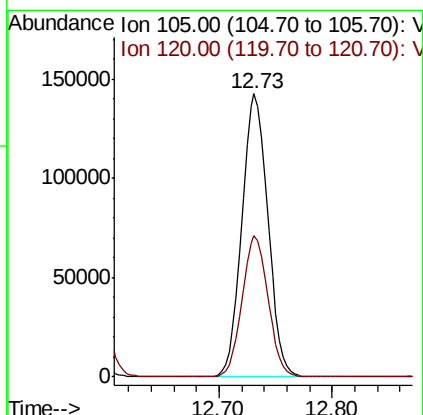
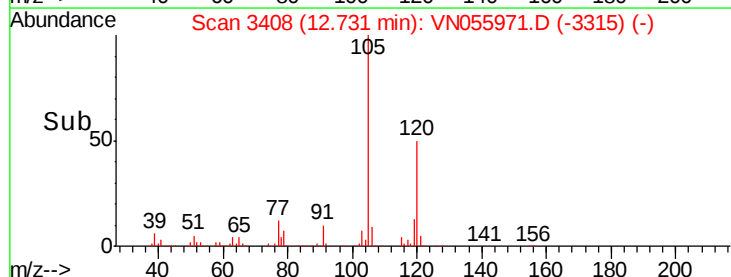
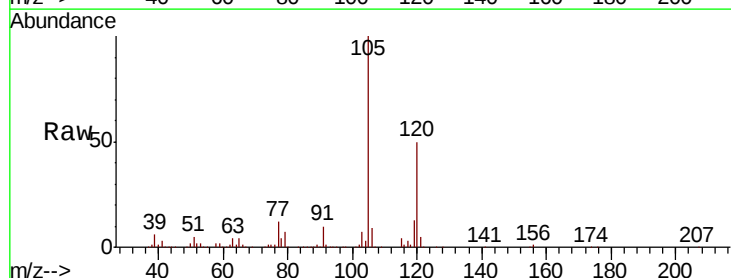
Acq: 3 Jun 2019 19:15

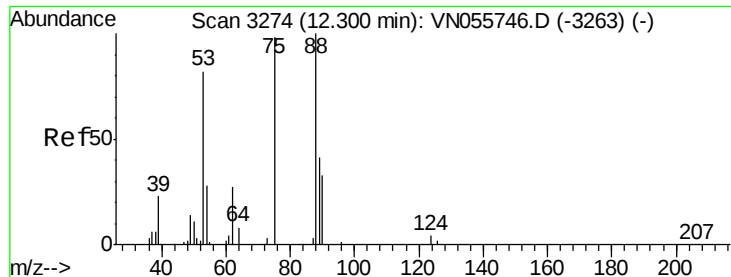
Tgt Ion: 105 Resp: 229271

Ion Ratio Lower Upper

105 100

120 49.8 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 14.151 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

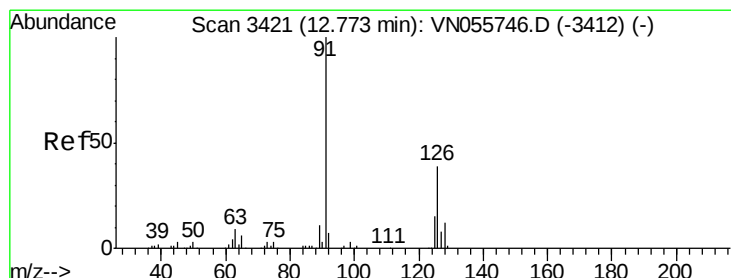
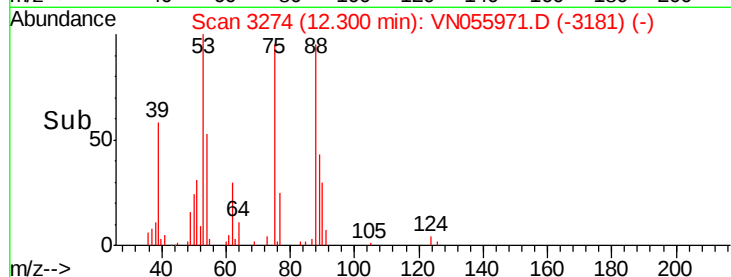
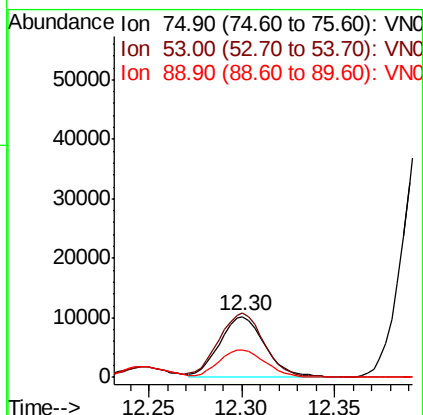
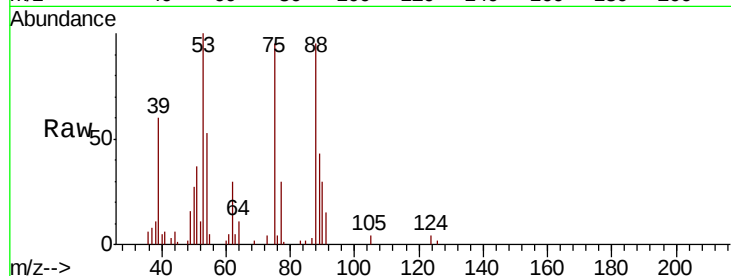
Tot Ion: 75 Resp: 17407

Ion Ratio Lower Upper

75 100

53 106.8 68.1 102.1#

89 46.2 36.9 55.3



#82

4-Chlorotoluene

Concen: 20.278 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055971.D

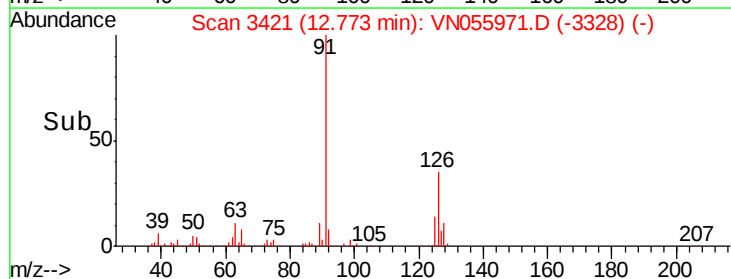
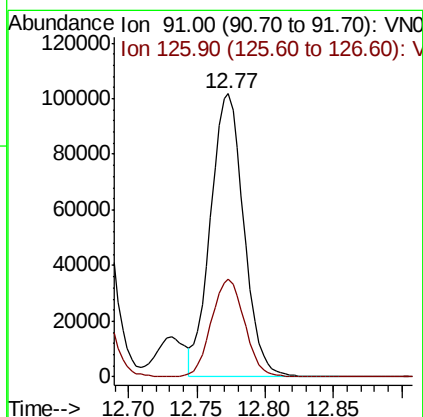
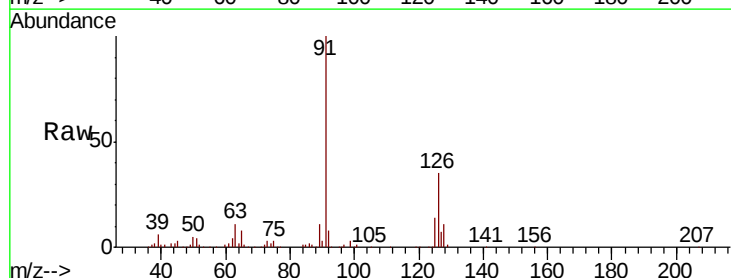
Acq: 3 Jun 2019 19:15

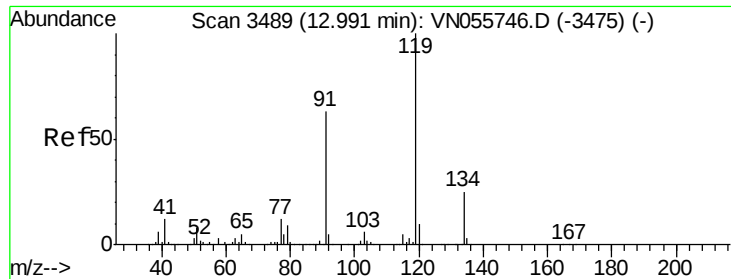
Tgt Ion: 91 Resp: 171467

Ion Ratio Lower Upper

91 100

126 34.7 17.8 53.3

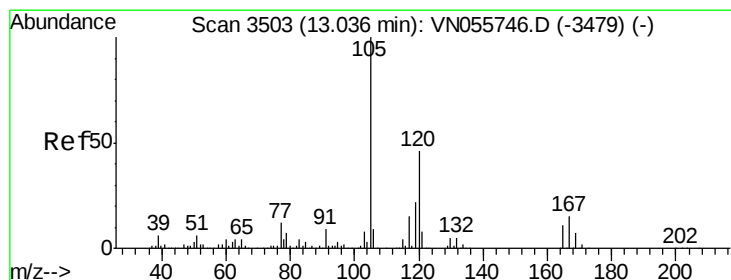
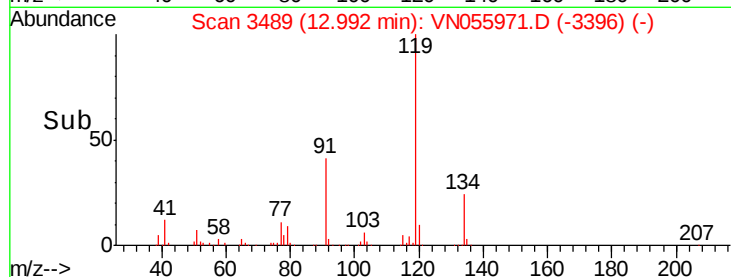
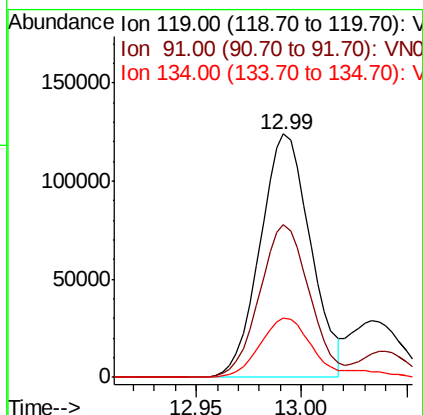
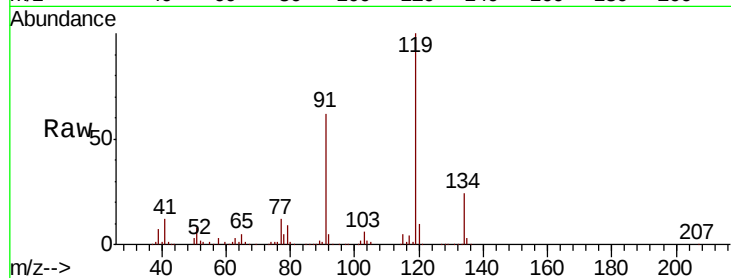




#83
tert-Butylbenzene
Concen: 22.395 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

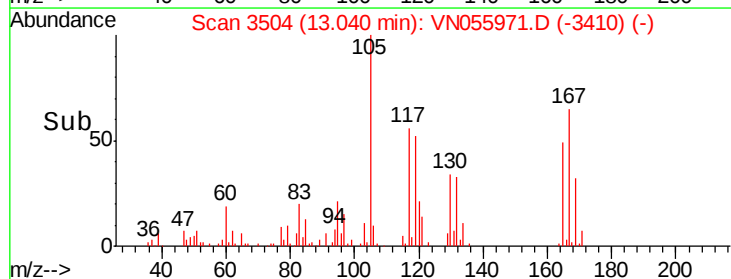
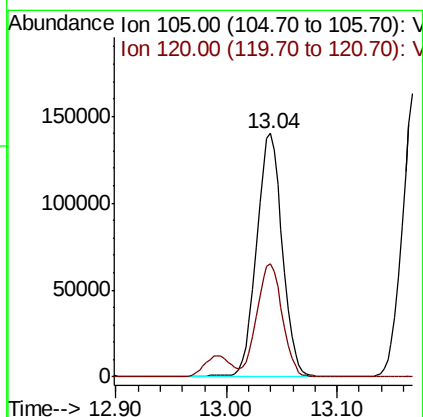
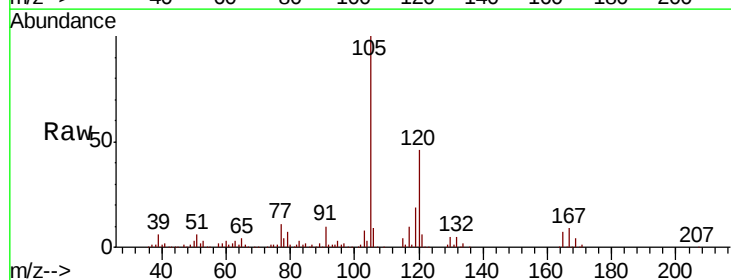
Instrument :
MSVOA_N
ClientSampled :

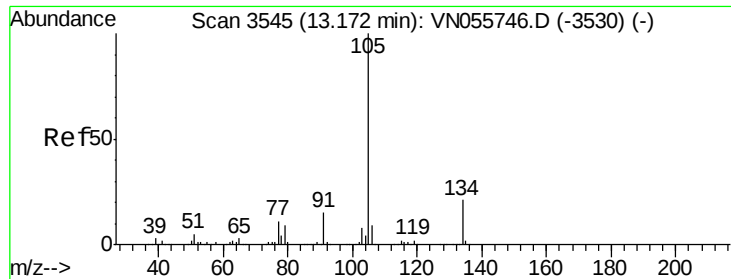
Tot Ion:119 Resp: 206145
Ion Ratio Lower Upper
119 100
91 62.1 30.9 92.8
134 24.6 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 21.535 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion:105 Resp: 226242
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 22.426 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

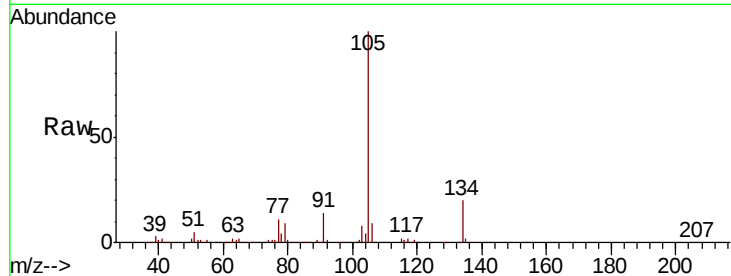
ClientSampleId :

Tot Ion:105 Resp: 264374

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

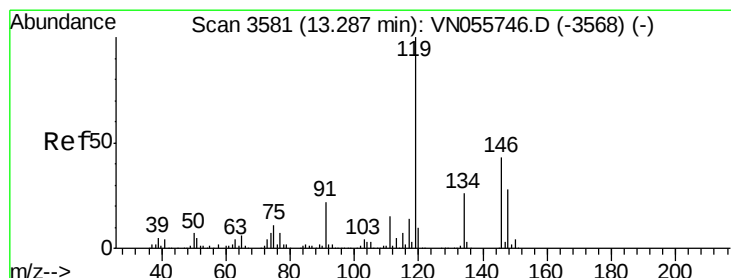
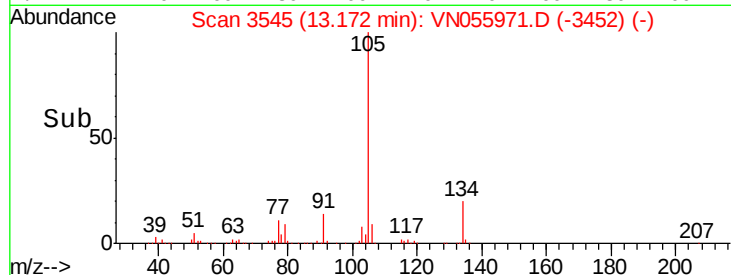
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.589 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

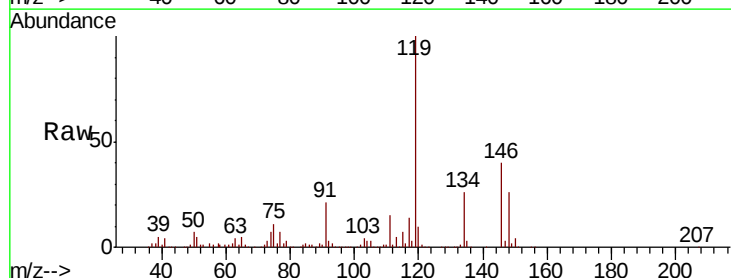
Tgt Ion:119 Resp: 236650

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 21.7 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

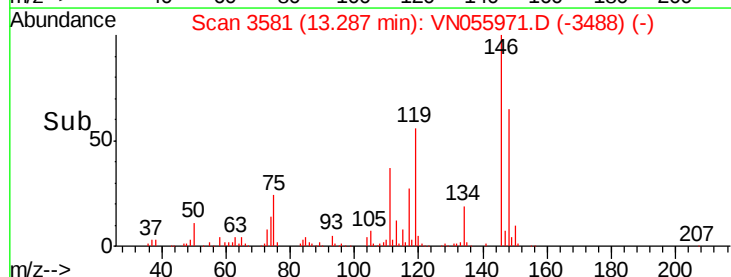
150000

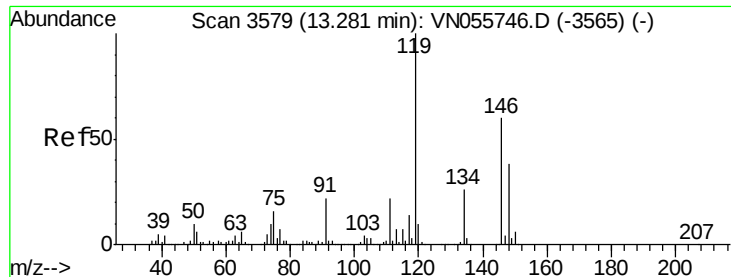
100000

50000

0

Time-->

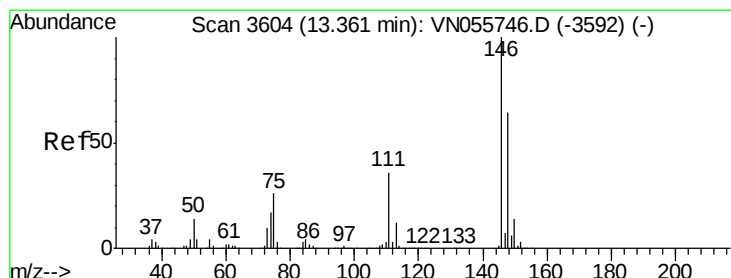
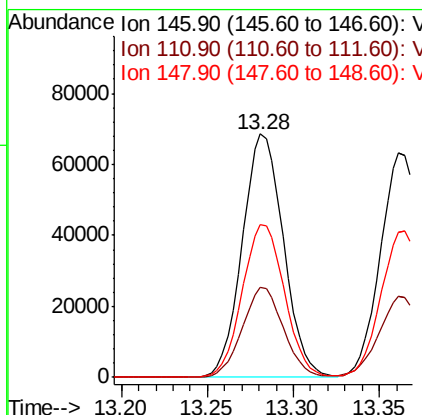
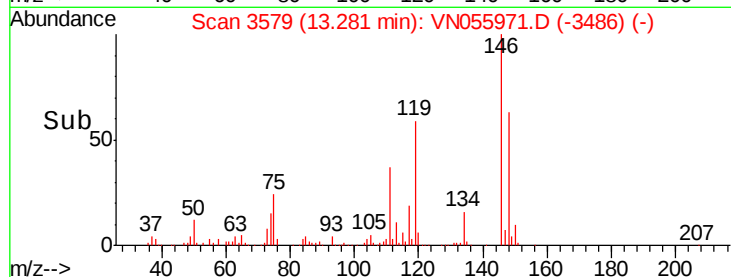
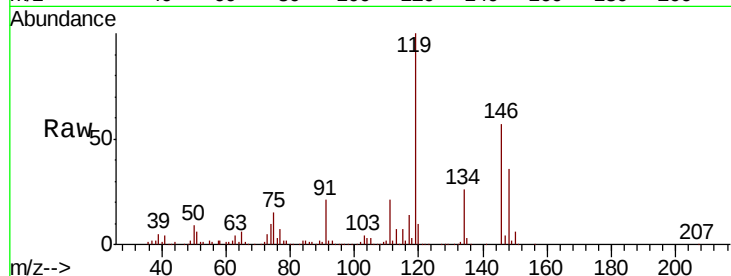




#87
 1,3-Dichlorobenzene
 Concen: 20.444 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

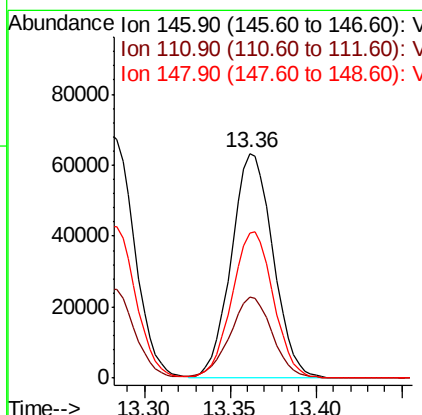
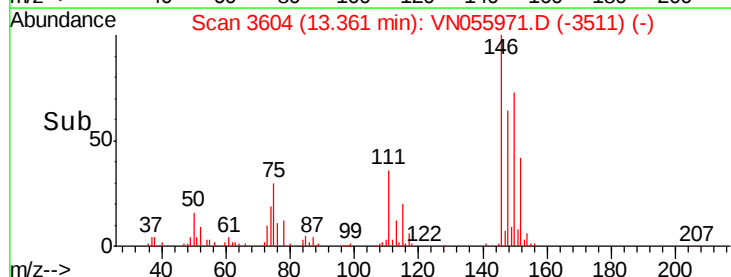
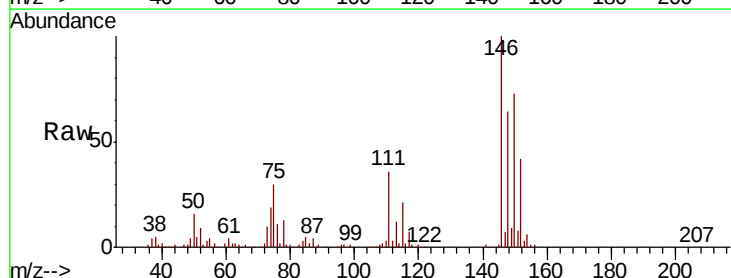
Instrument :
 MSVOA_N
 ClientSampled :

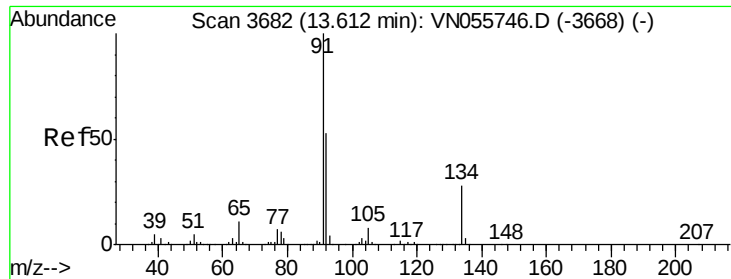
Tot Ion:146 Resp: 114331
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.5 55.5
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.171 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

Tgt Ion:146 Resp: 107247
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.4
 148 65.1 32.1 96.5

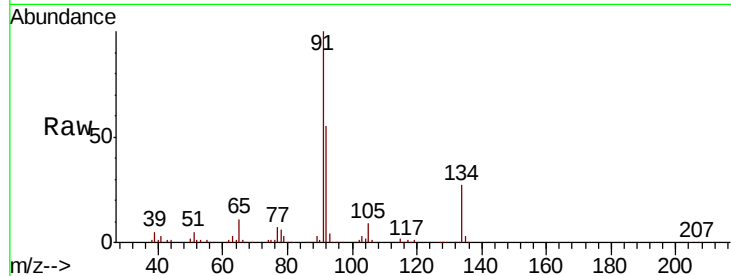




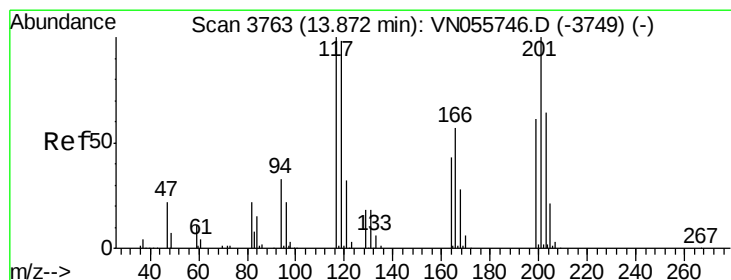
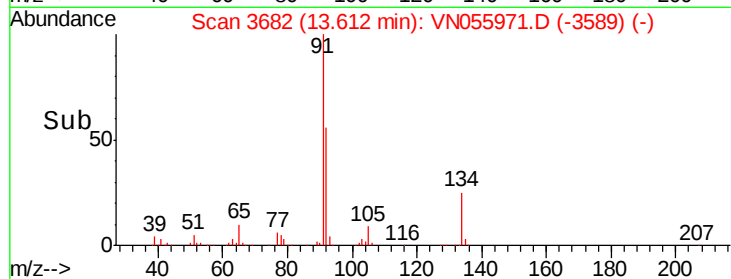
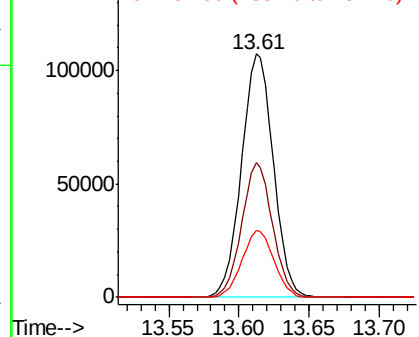
#89
n-Butylbenzene
Concen: 19.298 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 169953
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.0
134 27.5 13.9 41.7

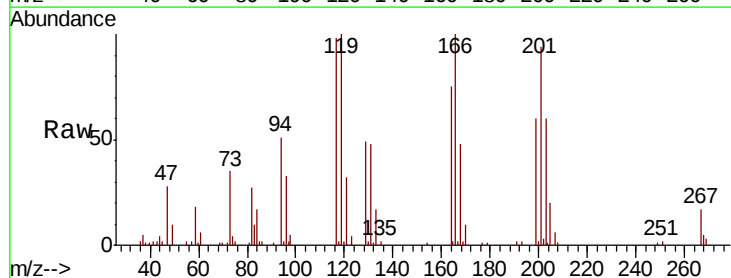


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

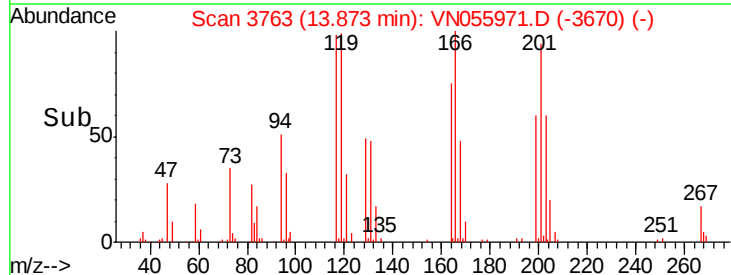
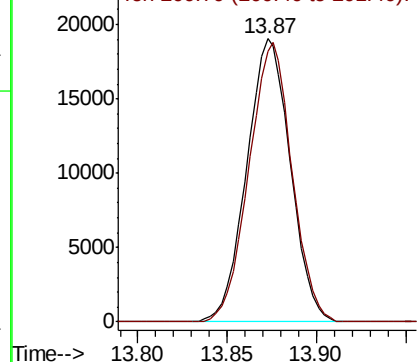


#90
Hexachloroethane
Concen: 14.887 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055971.D
Acq: 3 Jun 2019 19:15

Tgt Ion: 117 Resp: 32569
Ion Ratio Lower Upper
117 100
201 97.2 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.769 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

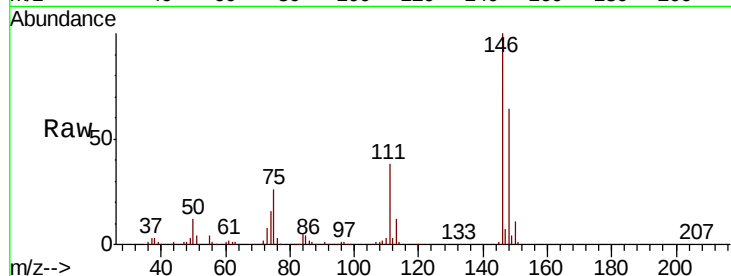
Tot Ion:146 Resp: 115880

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.5

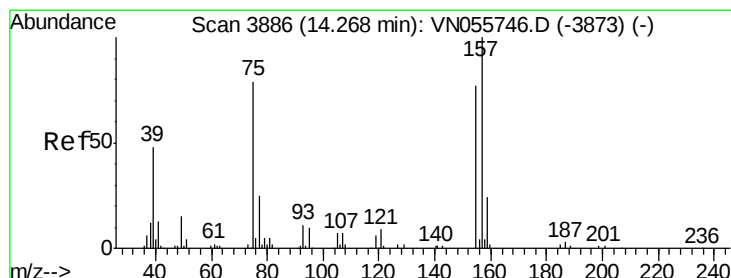
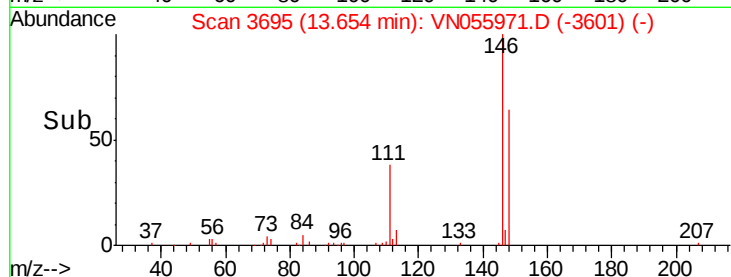
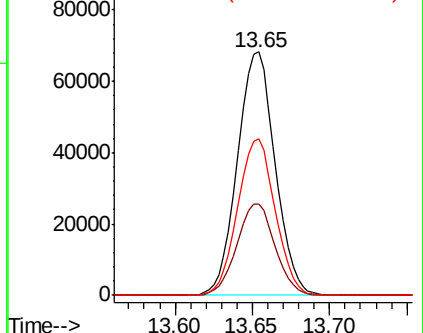
148 63.8 31.9 95.9



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: 16.066 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

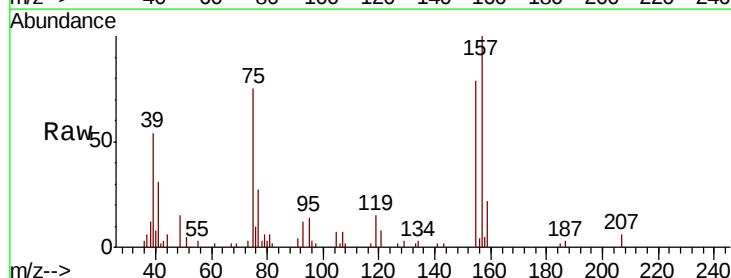
Tgt Ion: 75 Resp: 11782

Ion Ratio Lower Upper

75 100

155 104.3 50.0 150.1

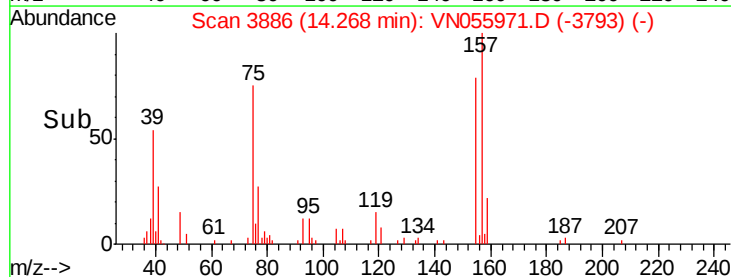
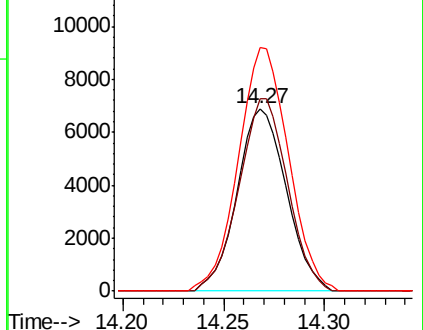
157 135.7 64.8 194.3

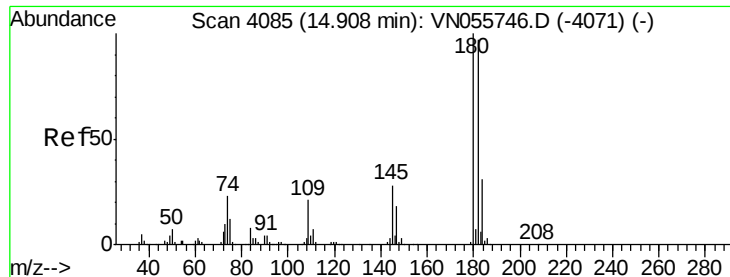


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

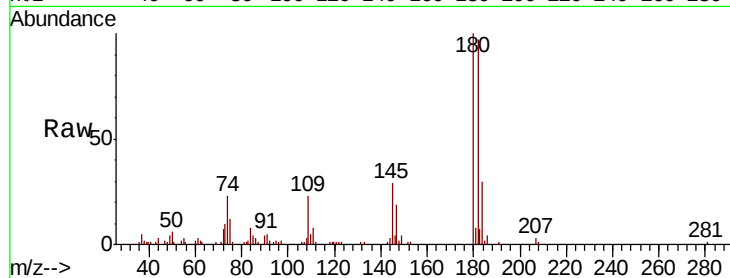




#93
 1,2,4-Trichlorobenzene
 Concen: 18.117 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.3	144.9
145	28.2	14.0	41.9

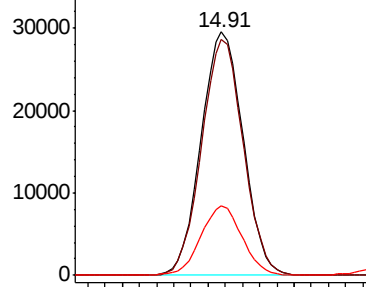


Abundance

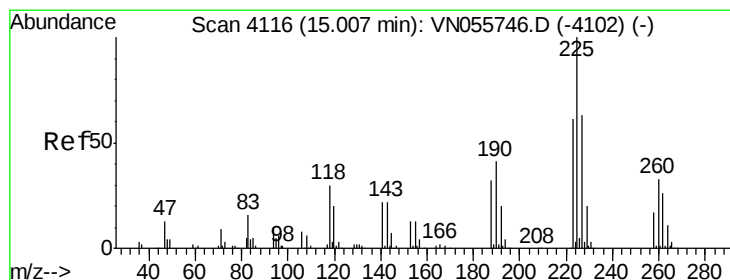
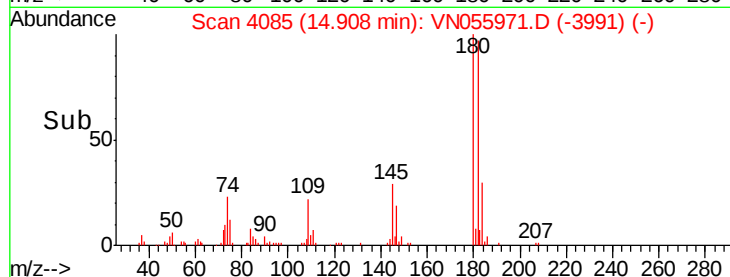
Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

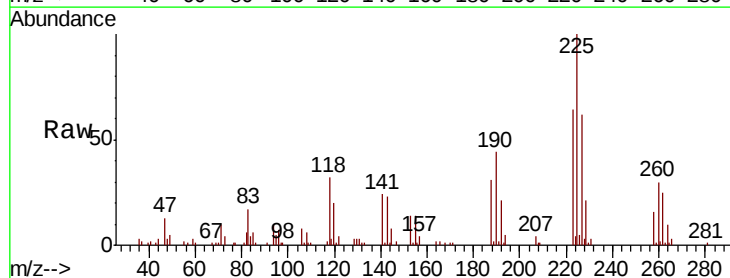


Time-->



#94
 Hexachlorobutadiene
 Concen: 19.824 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055971.D
 Acq: 3 Jun 2019 19:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.9	92.7
227	62.5	31.6	94.7

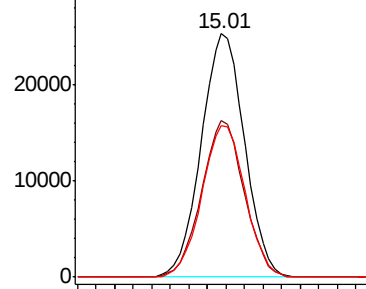


Abundance

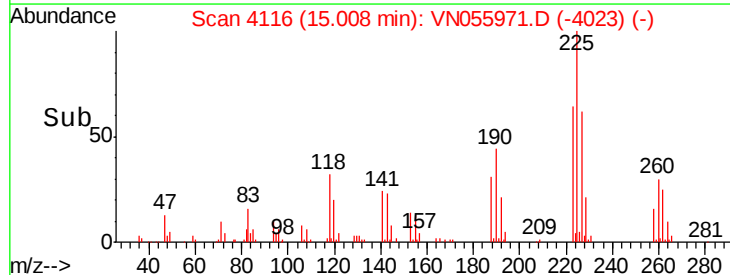
Ion 224.70 (224.40 to 225.40): V

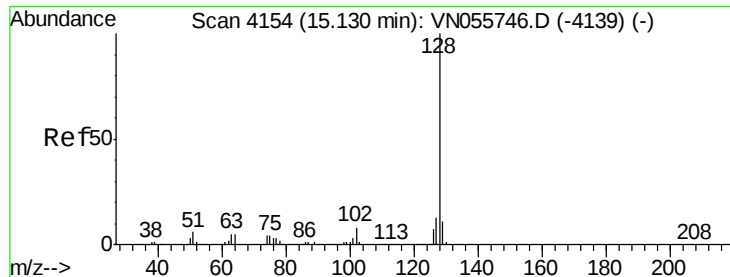
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 18.697 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

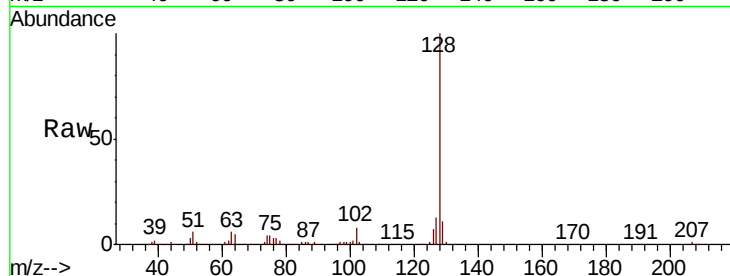
Tot Ion:128 Resp: 143148

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

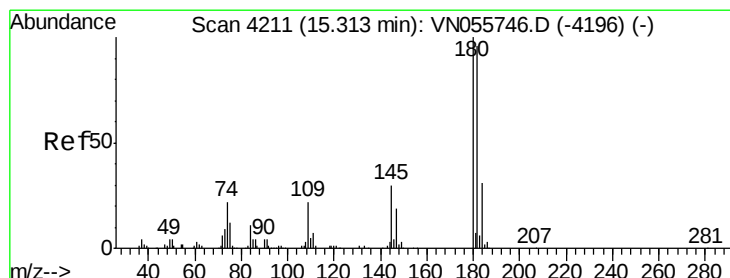
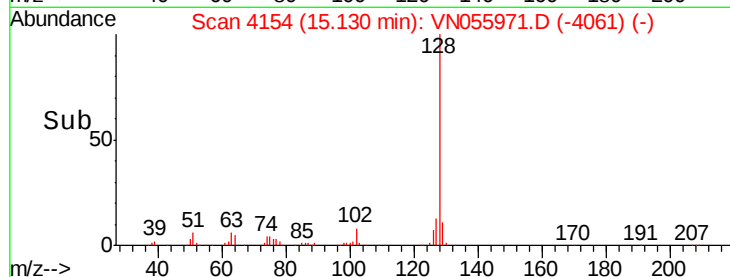
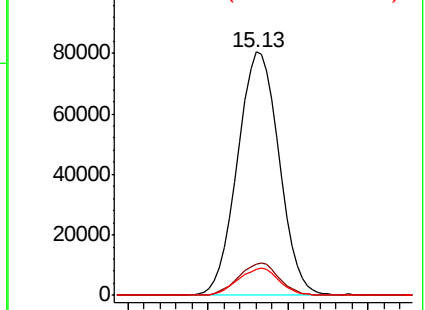
129 11.3 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 19.372 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055971.D

Acq: 3 Jun 2019 19:15

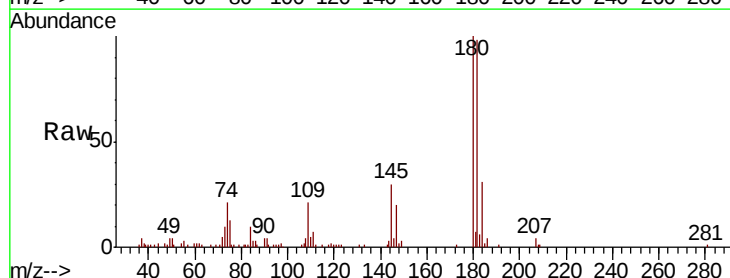
Tgt Ion:180 Resp: 57135

Ion Ratio Lower Upper

180 100

182 97.5 47.9 143.7

145 30.2 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

