

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056388.D
 Acq On : 20 Jun 2019 9:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 04:23:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	395636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	603186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	525903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223482	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	218381	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
35) Dibromofluoromethane	7.59	113	191353	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	10.09	98	723362	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	245944	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	169224	50.514	ug/l	98
3) Chloromethane	2.06	50	212912	46.676	ug/l	100
4) Vinyl Chloride	2.19	62	214728	48.739	ug/l	99
5) Bromomethane	2.56	94	139221	53.903	ug/l	98
6) Chloroethane	2.70	64	126853	49.720	ug/l	99
7) Trichlorofluoromethane	3.01	101	287820	50.504	ug/l	99
8) Diethyl Ether	3.41	74	117353	48.656	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	181394	49.912	ug/l	100
10) Methyl Iodide	3.95	142	245894	50.060	ug/l	100
11) Tert butyl alcohol	4.79	59	174712	236.569	ug/l	98
12) 1,1-Dichloroethene	3.73	96	173813	49.732	ug/l	96
13) Acrolein	3.60	56	145123	233.151	ug/l	100
14) Allyl chloride	4.32	41	299920	51.551	ug/l	99
15) Acrylonitrile	4.99	53	536339	262.509	ug/l	99
16) Acetone	3.82	43	605107	275.439	ug/l	100
17) Carbon Disulfide	4.05	76	413588	52.028	ug/l	100
18) Methyl Acetate	4.32	43	221807	51.577	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	585469	50.625	ug/l	100
20) Methylene Chloride	4.55	84	202168	48.795	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	187822	49.845	ug/l	96
22) Diisopropyl ether	5.95	45	607336	49.707	ug/l	98
23) Vinyl Acetate	5.89	43	2663883	276.423	ug/l	100
24) 1,1-Dichloroethane	5.85	63	348426	49.678	ug/l	100
25) 2-Butanone	6.83	43	790870	272.002	ug/l	98
26) 2,2-Dichloropropane	6.82	77	260086	53.317	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	221593	50.265	ug/l	99
28) Bromochloromethane	7.19	49	172786	49.806	ug/l	99
29) Tetrahydrofuran	7.21	42	484523	272.688	ug/l	99
30) Chloroform	7.37	83	342996	49.560	ug/l	98
31) Cyclohexane	7.65	56	320135	47.279	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	283899	51.752	ug/l	100
36) 1,1-Dichloropropene	7.79	75	260317	49.032	ug/l	99
37) Ethyl Acetate	6.93	43	291361	55.843	ug/l	99
38) Carbon Tetrachloride	7.77	117	243600	52.469	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	327901	50.053	ug/l	100
40) Benzene	8.04	78	800033	48.989	ug/l	99
41) Methacrylonitrile	7.21	41	417180	181.074	ug/l #	12
42) 1,2-Dichloroethane	8.12	62	261493	48.519	ug/l	100
43) Isopropyl Acetate	8.16	43	441360	54.860	ug/l	99
44) Trichloroethene	8.83	130	212672	48.344	ug/l	97
45) 1,2-Dichloropropane	9.12	63	214970	49.221	ug/l	100
46) Dibromomethane	9.21	93	138884	50.828	ug/l	100
47) Bromodichloromethane	9.40	83	260584	53.771	ug/l	99
48) Methyl methacrylate	9.20	41	211081	52.356	ug/l	98
49) 1,4-Dioxane	9.20	88	60906	727.974	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1416954	272.875	ug/l	100
52) Toluene	10.15	92	490069	49.084	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	274718	48.748	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	319977	54.829	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	204933	51.064	ug/l	98
56) Ethyl methacrylate	10.43	69	315458	53.786	ug/l	99
57) 1,3-Dichloropropane	10.71	76	340884	50.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	549605	260.841	ug/l	100
59) 2-Hexanone	10.75	43	1028893	269.594	ug/l	99
60) Dibromochloromethane	10.90	129	204102	49.503	ug/l	99
61) 1,2-Dibromoethane	11.00	107	210793	51.426	ug/l	100
64) Tetrachloroethene	10.63	164	198312	47.617	ug/l	98
65) Chlorobenzene	11.43	112	525379	49.717	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	194175	54.368	ug/l	100
67) Ethyl Benzene	11.51	91	927924	50.010	ug/l	100
68) m/p-Xylenes	11.62	106	694810	102.180	ug/l	99
69) o-Xylene	11.95	106	337840	50.219	ug/l	99
70) Styrene	11.96	104	562534	52.313	ug/l	99
71) Bromoform	12.13	173	147231	51.031	ug/l #	99
73) Isopropylbenzene	12.25	105	904457	54.103	ug/l	99
74) N-amyl acetate	12.07	43	344037	48.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	293395	56.883	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	344035	74.242	ug/l #	100
77) Bromobenzene	12.53	156	231413	46.310	ug/l	97
78) n-propylbenzene	12.59	91	987850	48.269	ug/l	100
79) 2-Chlorotoluene	12.67	91	593073	53.001	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	743155	52.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	75474	57.887	ug/l	94
82) 4-Chlorotoluene	12.77	91	575215	47.602	ug/l	100
83) tert-Butylbenzene	12.99	119	650132	53.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	730226	48.537	ug/l	100
85) sec-Butylbenzene	13.17	105	850898	47.304	ug/l	100
86) p-Isopropyltoluene	13.29	119	758211	49.115	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	375320	49.561	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	363468	49.558	ug/l	99
89) n-Butylbenzene	13.61	91	604108	51.693	ug/l	100
90) Hexachloroethane	13.87	117	123472	51.302	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	373863	49.760	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46840	56.645	ug/l	99

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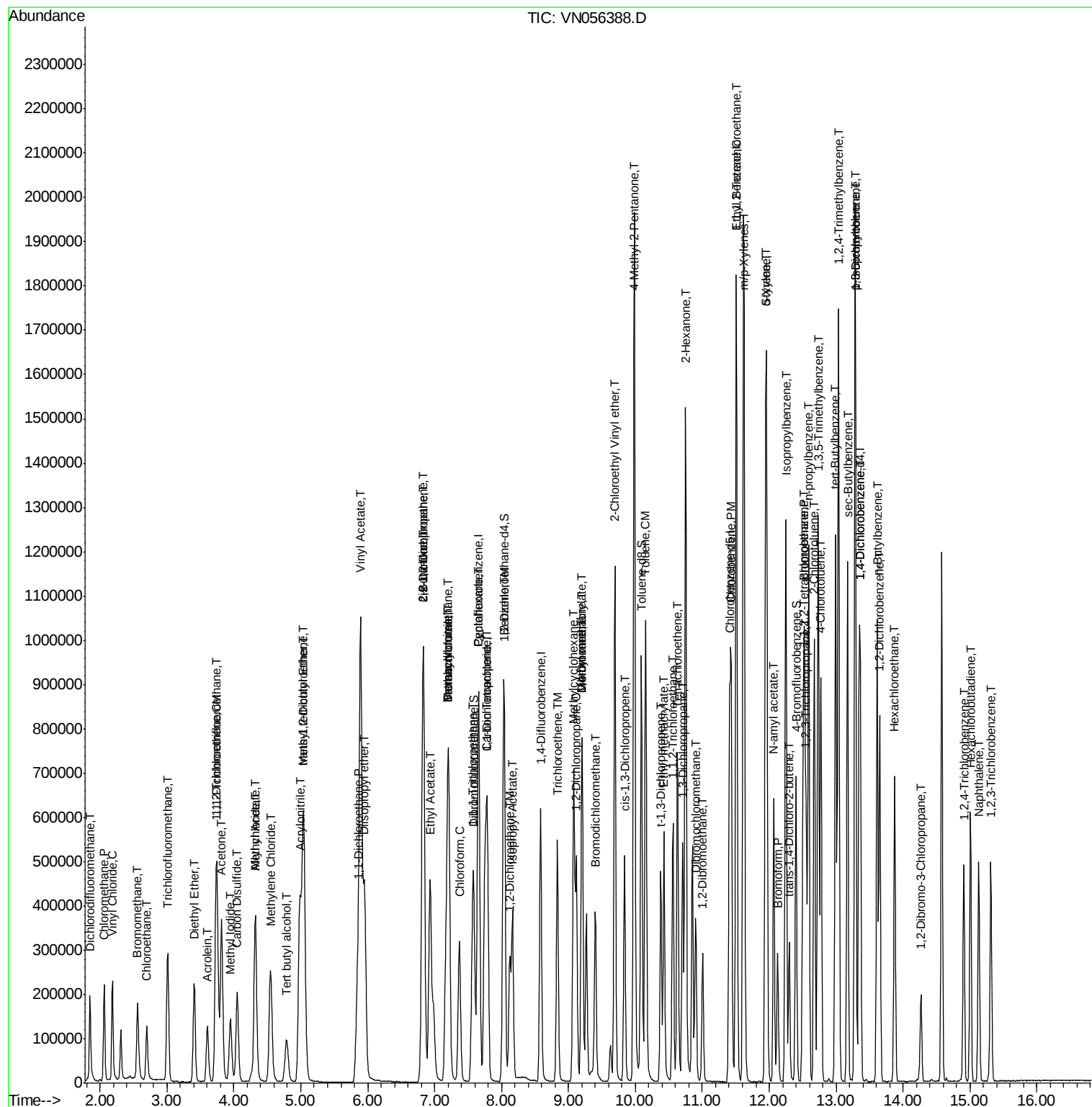
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	171232	44.464	ug/l	97
94) Hexachlorobutadiene	15.01	225	131455	51.692	ug/l	100
95) Naphthalene	15.13	128	451686	44.783	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	186647	46.393	ug/l	100

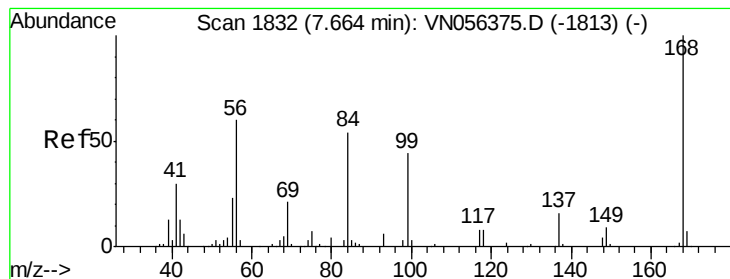
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

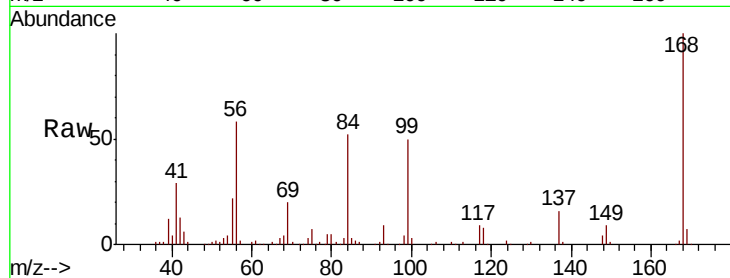
ClientSampleId :

Tot Ion:168 Resp: 395636

Ion Ratio Lower Upper

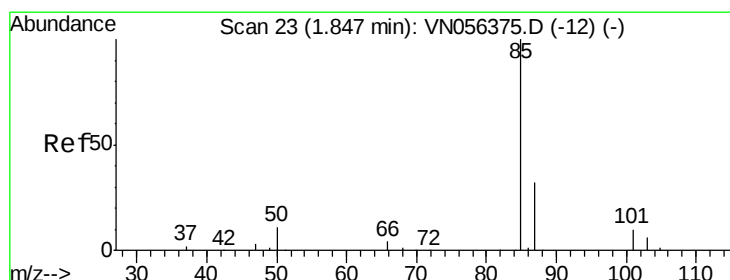
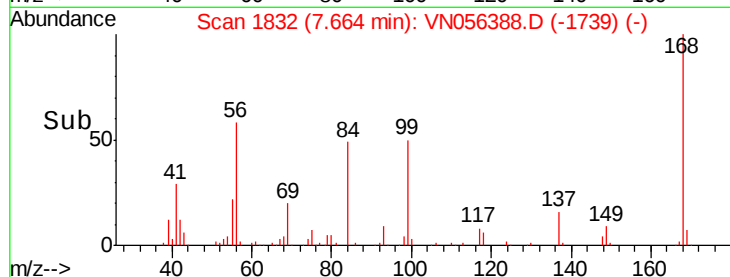
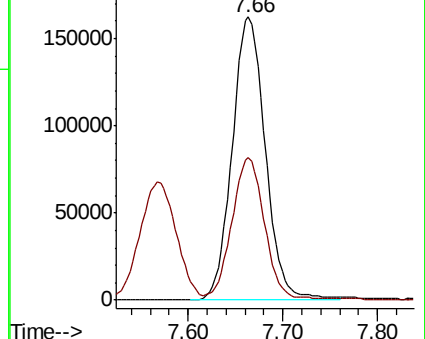
168 100

99 49.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 50.514 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056388.D

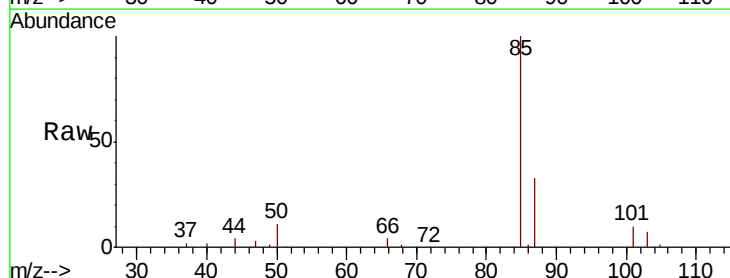
Acq: 20 Jun 2019 9:25

Tgt Ion: 85 Resp: 169224

Ion Ratio Lower Upper

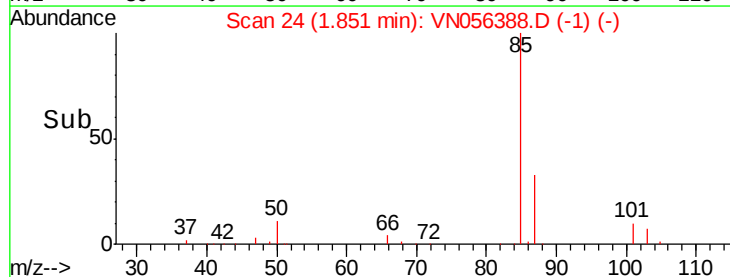
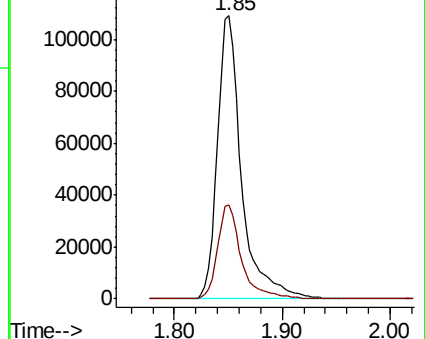
85 100

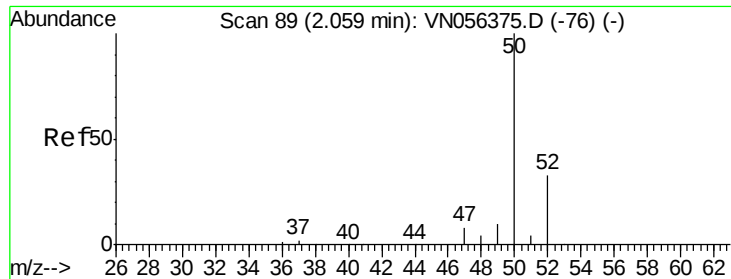
87 33.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

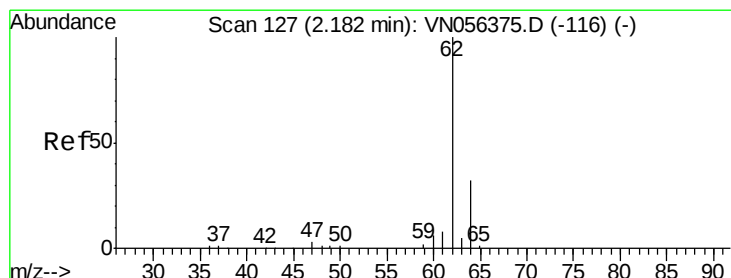
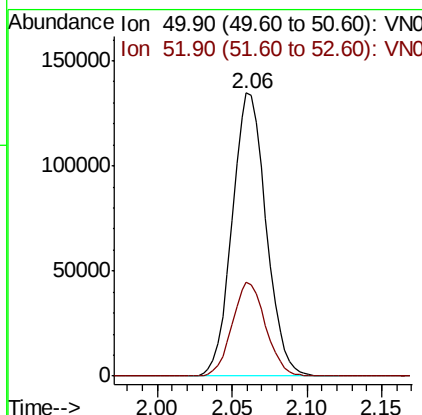
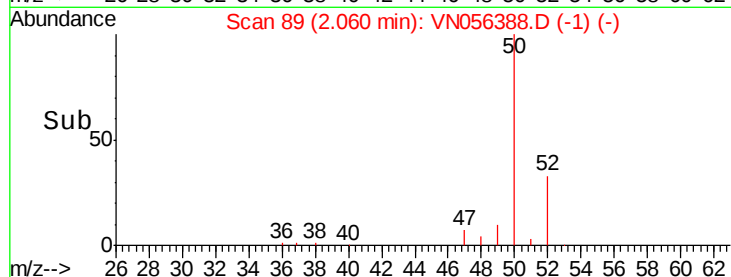
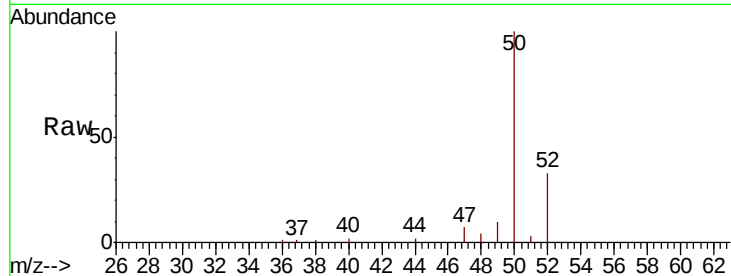




#3
 Chloromethane
 Concen: 46.676 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

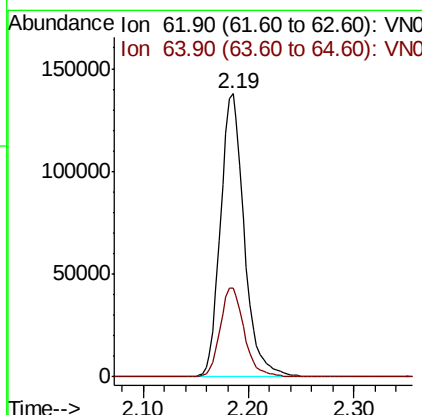
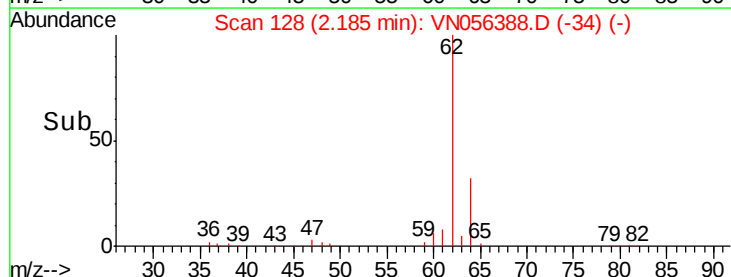
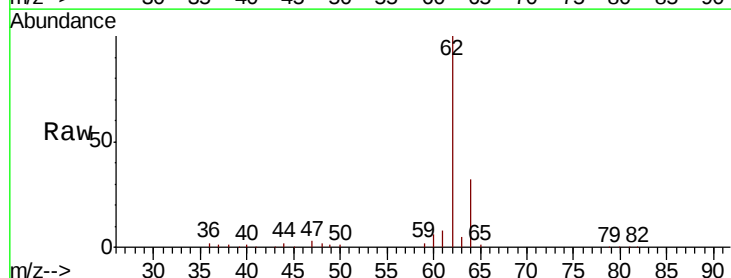
Instrument :
 MSVOA_N
 ClientSampled :

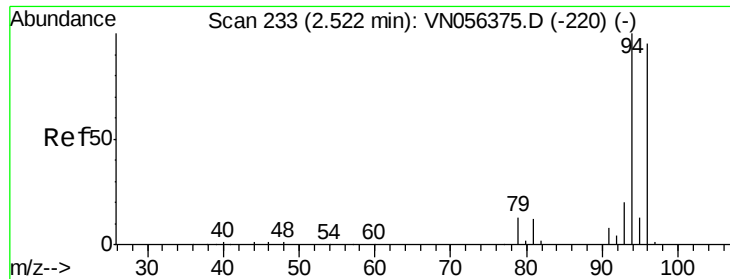
Tot Ion: 50 Resp: 212912
 Ion Ratio Lower Upper
 50 100
 52 33.1 26.5 39.7



#4
 Vinyl Chloride
 Concen: 48.739 ug/l
 RT: 2.19 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion: 62 Resp: 214728
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.7 38.5

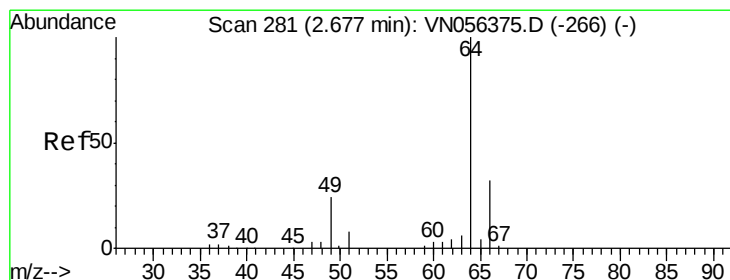
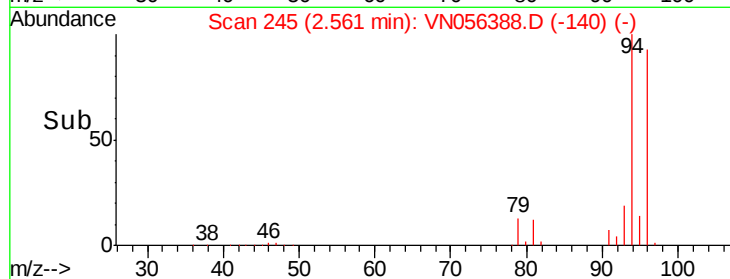
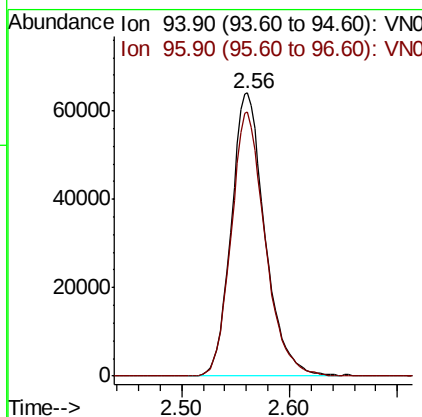
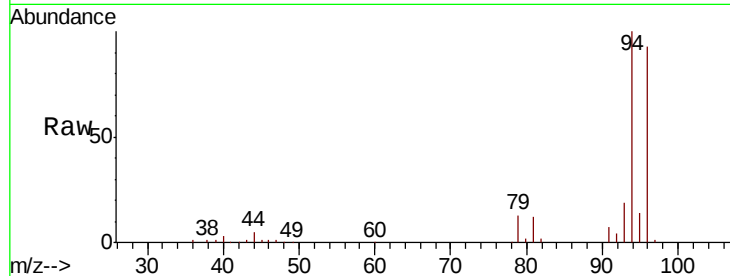




#5
Bromomethane
Concen: 53.903 ug/l
RT: 2.56 min Scan# 245
Delta R.T. 0.04 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

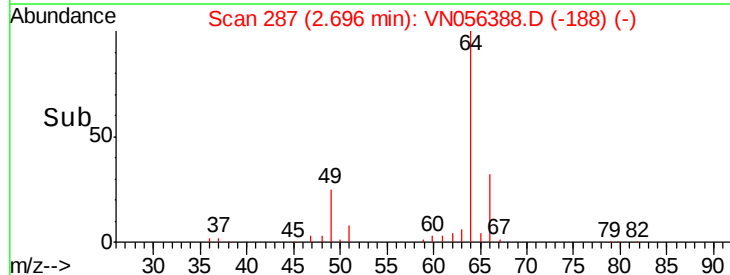
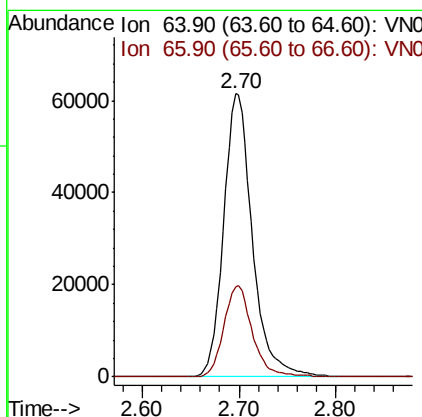
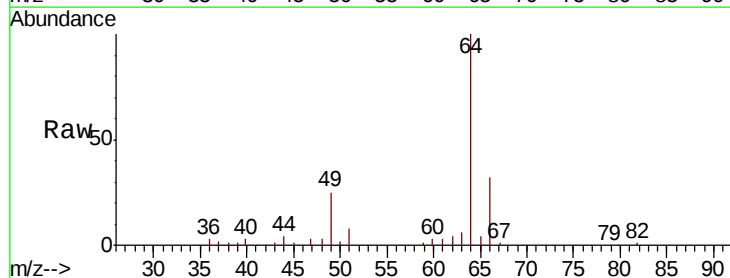
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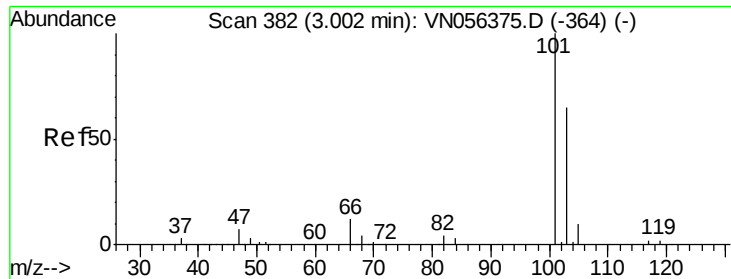
Tot Ion: 94 Resp: 139221
Ion Ratio Lower Upper
94 100
96 93.3 76.0 114.0



#6
Chloroethane
Concen: 49.720 ug/l
RT: 2.70 min Scan# 287
Delta R.T. 0.02 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 64 Resp: 126853
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.8



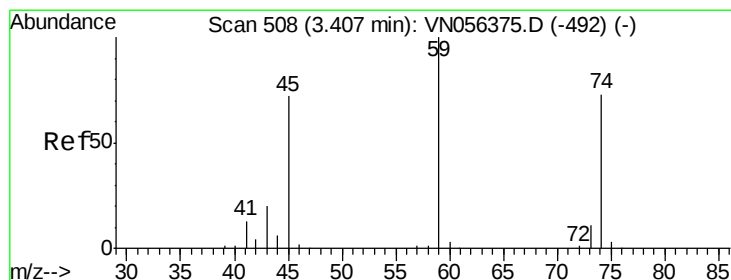
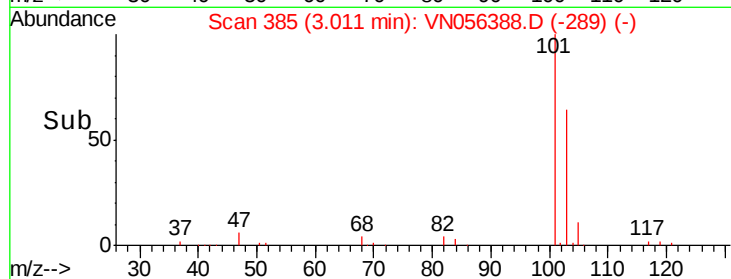
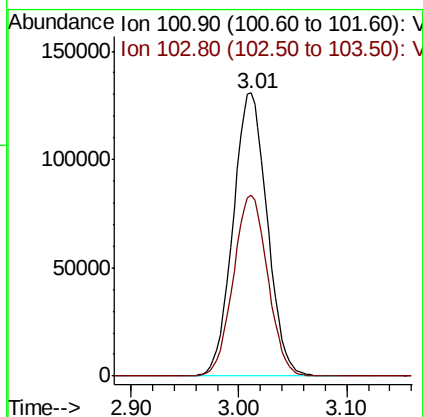
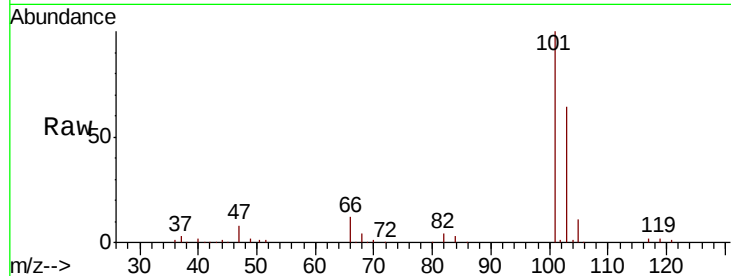


#7

Trichlorofluoromethane
Concen: 50.504 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.01 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Instrument :
MSVOA_N
ClientSampled :

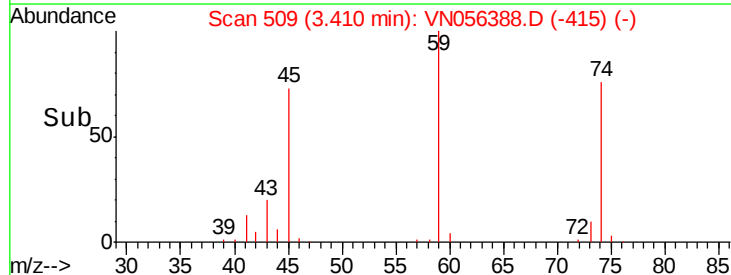
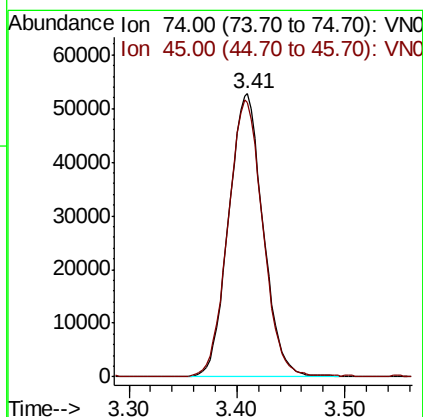
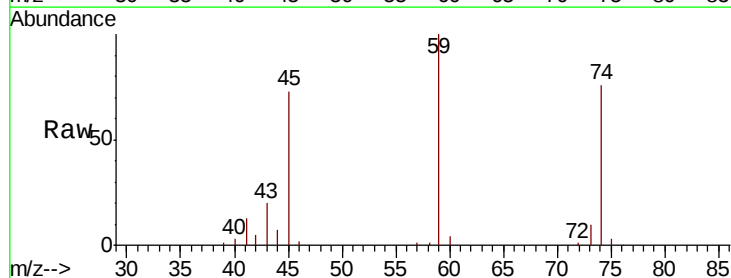
Tot Ion:101 Resp: 287820
Ion Ratio Lower Upper
101 100
103 63.9 51.7 77.5

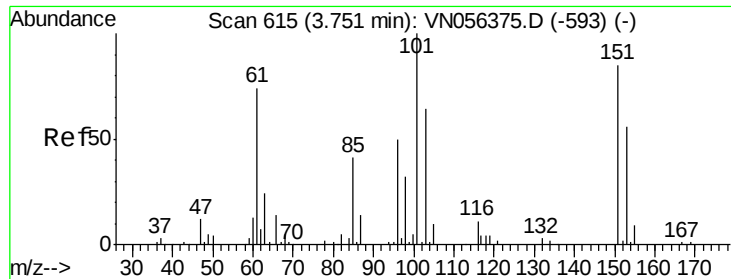


#8

Diethyl Ether
Concen: 48.656 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 74 Resp: 117353
Ion Ratio Lower Upper
74 100
45 99.1 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.912 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

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ClientSampleId :

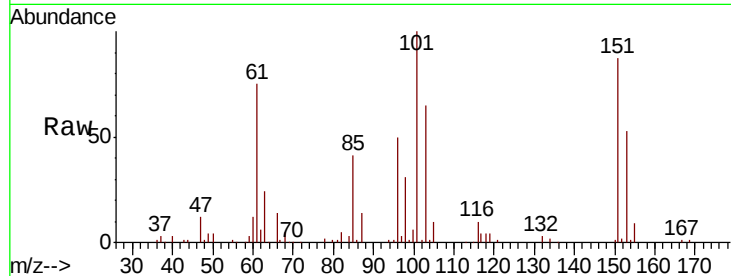
Tot Ion:101 Resp: 181394

Ion Ratio Lower Upper

101 100

85 41.0 32.7 49.1

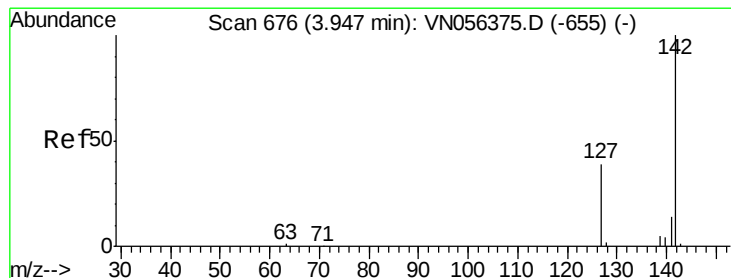
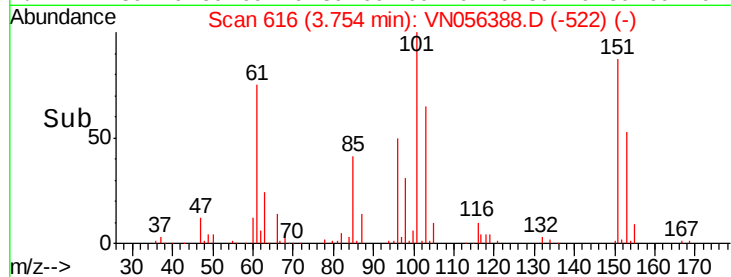
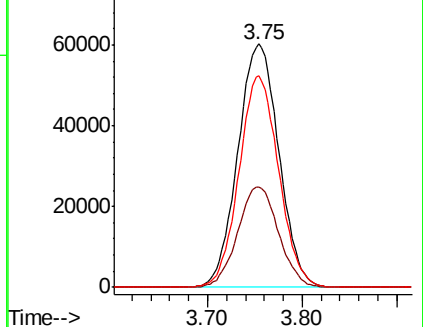
151 84.0 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.060 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

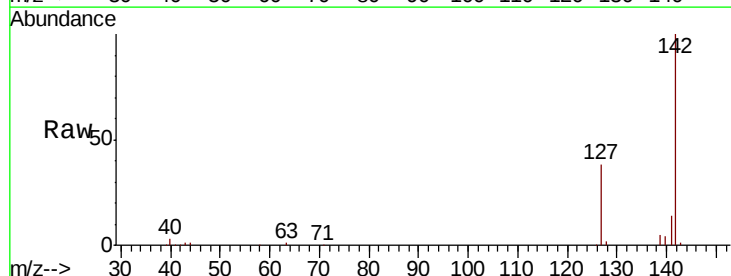
Tgt Ion:142 Resp: 245894

Ion Ratio Lower Upper

142 100

127 38.4 30.6 46.0

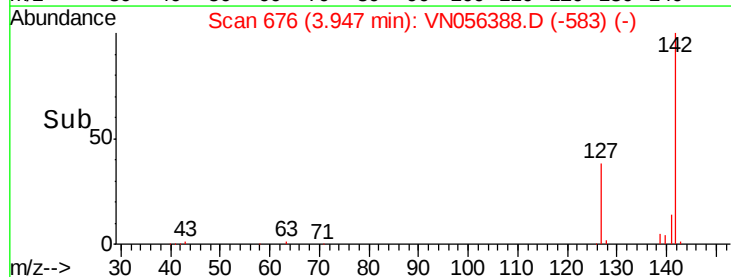
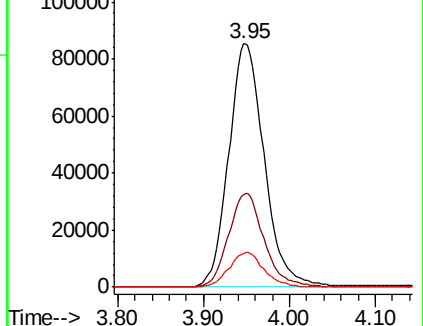
141 14.0 11.4 17.2

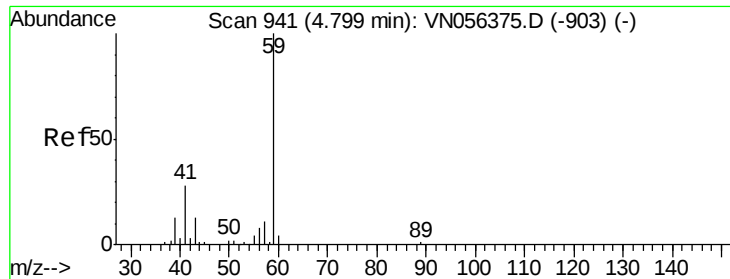


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

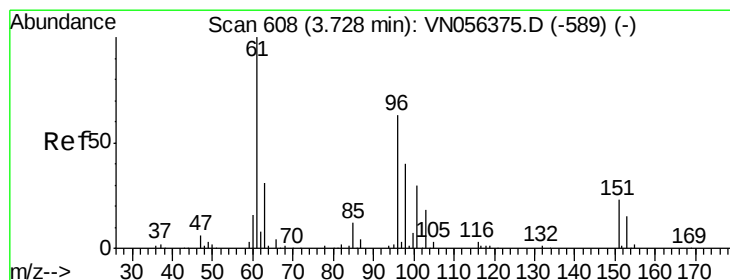
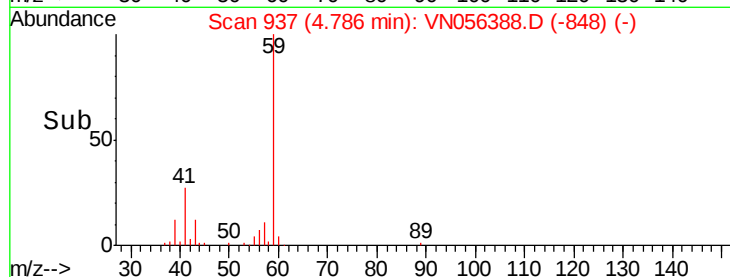
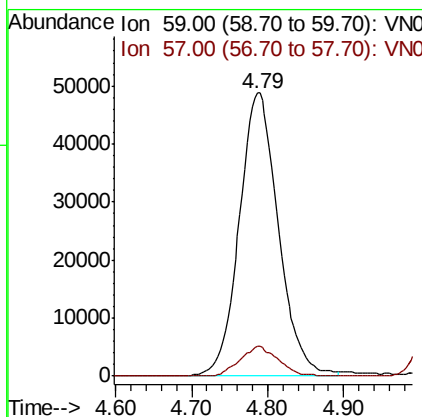
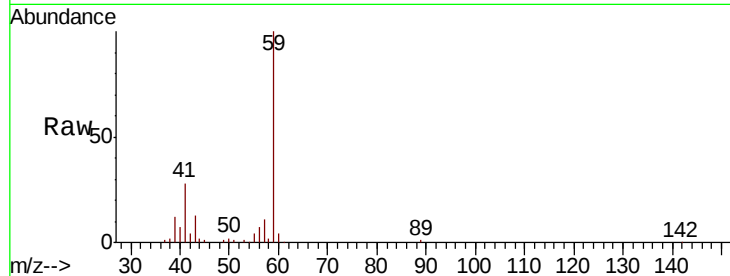




#11
Tert butyl alcohol
Concen: 236.569 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.01 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

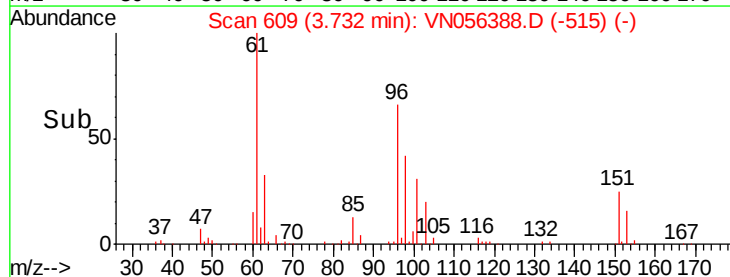
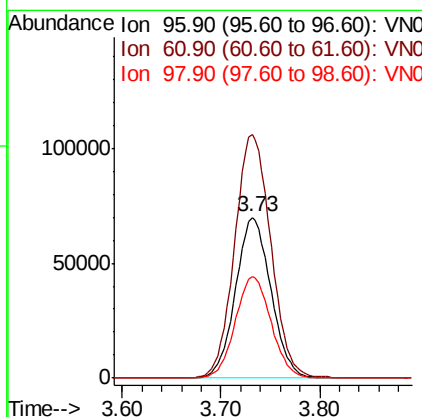
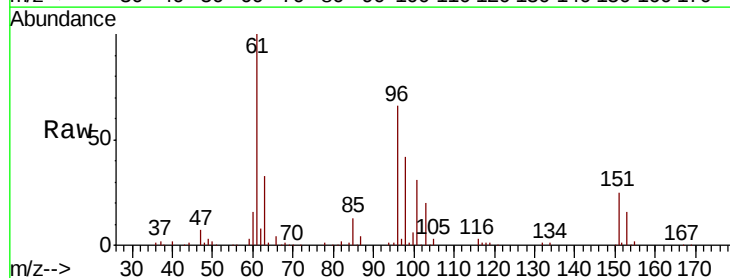
Instrument :
MSVOA_N
ClientSampled :

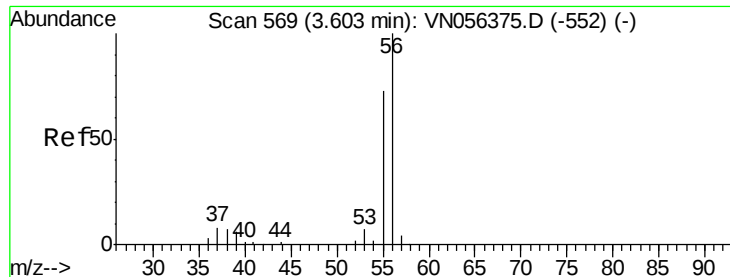
Tot Ion: 59 Resp: 174712
Ion Ratio Lower Upper
59 100
57 10.3 7.6 11.4



#12
1,1-Dichloroethene
Concen: 49.732 ug/l
RT: 3.73 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 96 Resp: 173813
Ion Ratio Lower Upper
96 100
61 151.6 126.6 190.0
98 63.3 51.1 76.7

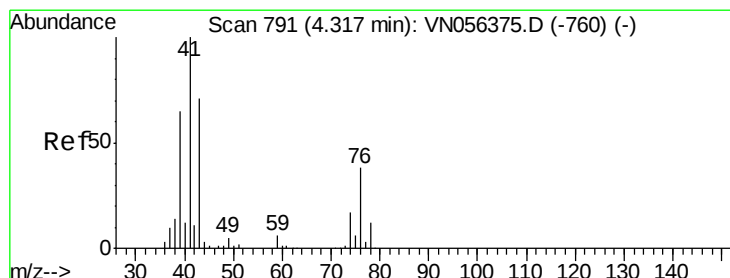
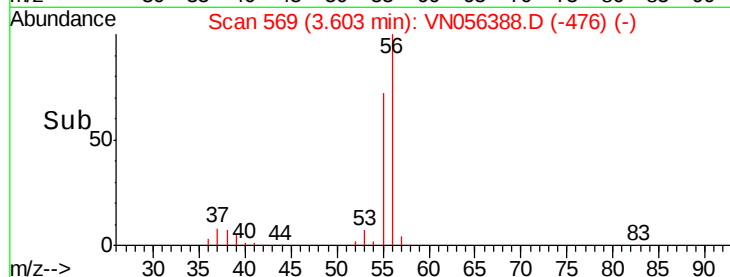
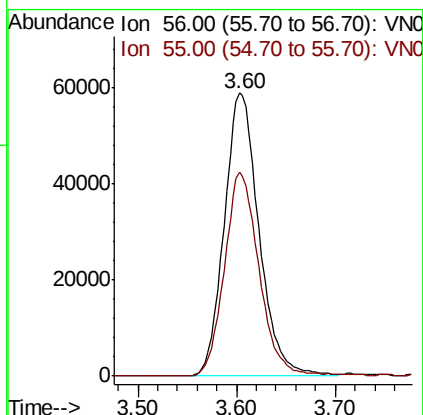
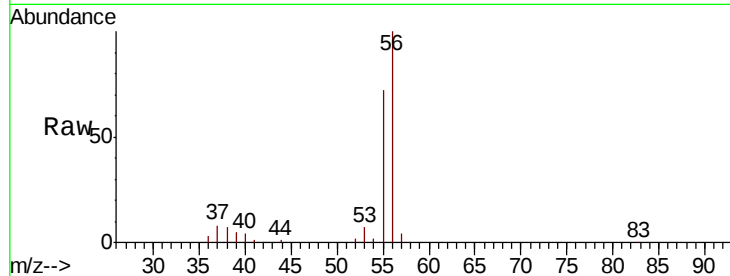




#13
Acrolein
Concen: 233.151 ug/l
RT: 3.60 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

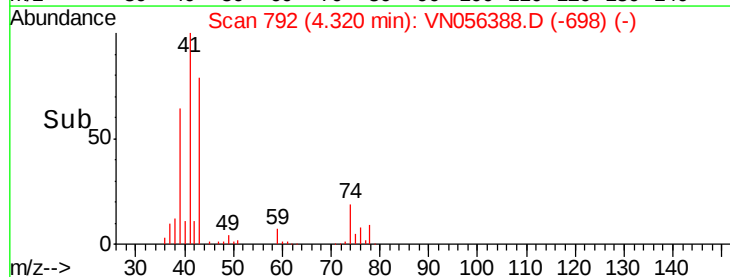
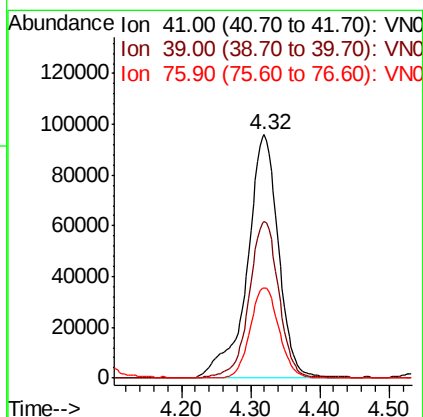
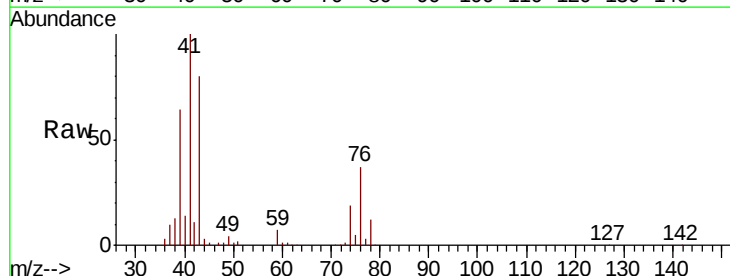
Instrument :
MSVOA_N
ClientSampleId :

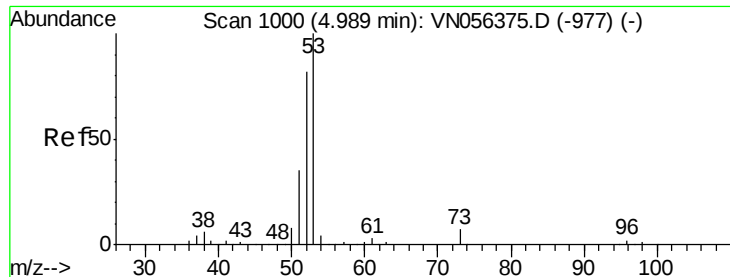
Tot Ion: 56 Resp: 145123
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7



#14
Allyl chloride
Concen: 51.551 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 41 Resp: 299920
Ion Ratio Lower Upper
41 100
39 61.0 48.6 73.0
76 34.1 26.6 40.0



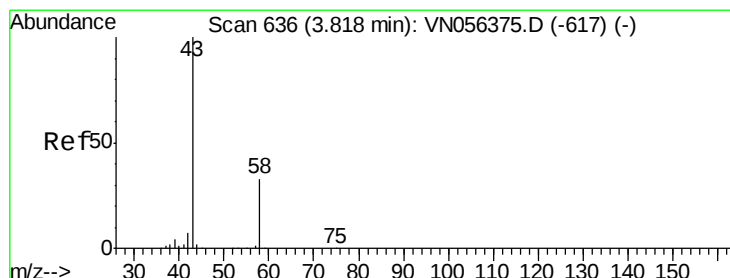
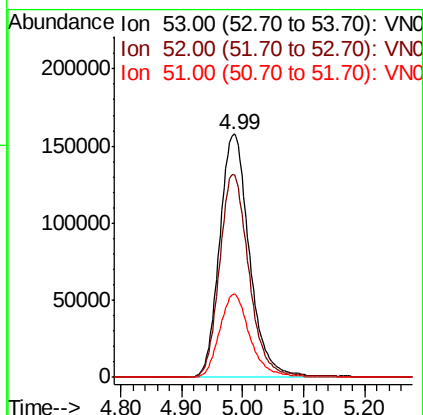
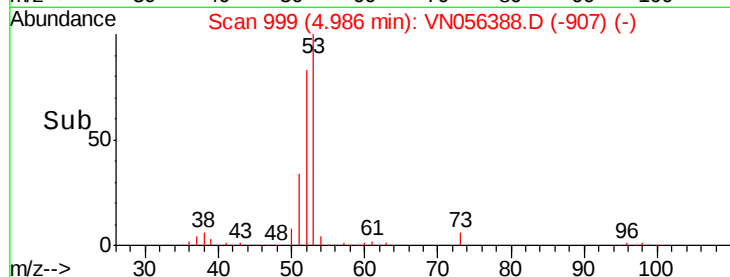
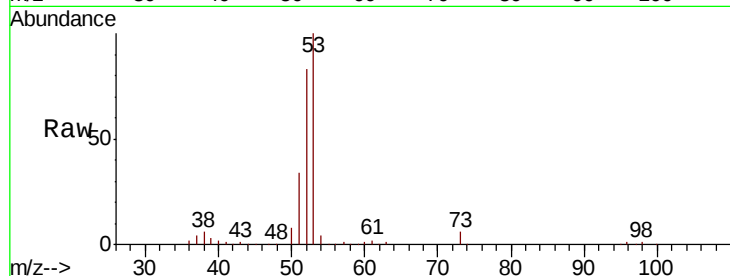


#15
 Acrylonitrile
 Concen: 262.509 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 53 Resp: 536339

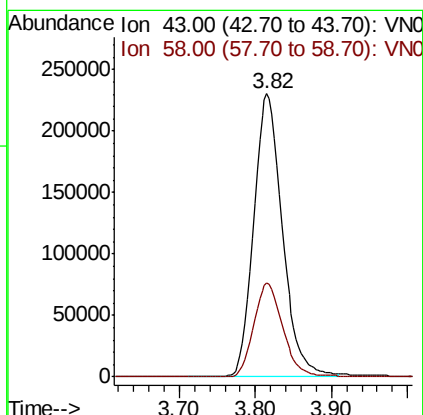
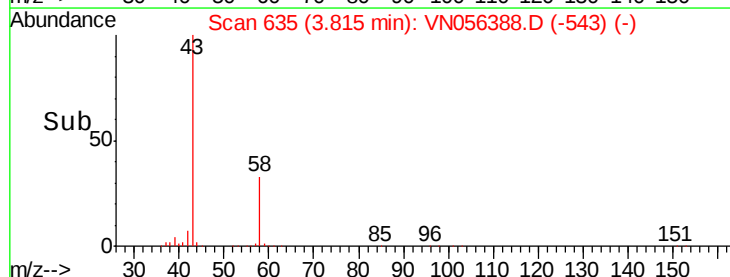
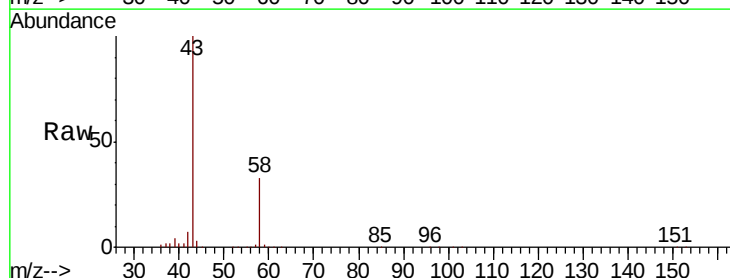
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.9	98.9
51	34.8	28.3	42.5

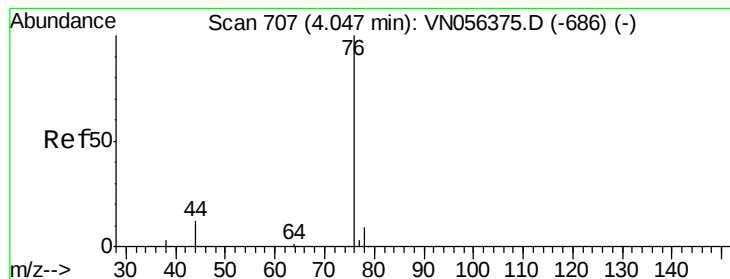


#16
 Acetone
 Concen: 275.439 ug/l
 RT: 3.82 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion: 43 Resp: 605107

Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.4	39.6





#17

Carbon Disulfide

Concen: 52.028 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

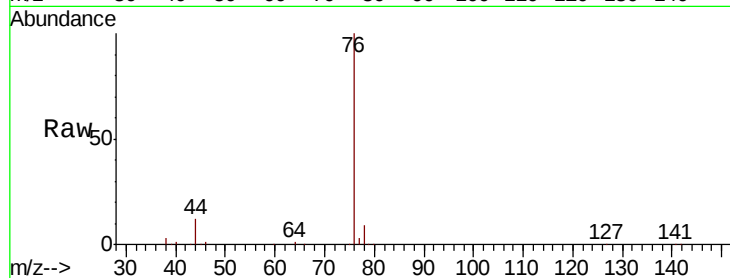
ClientSampleId :

Tot Ion: 76 Resp: 413588

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

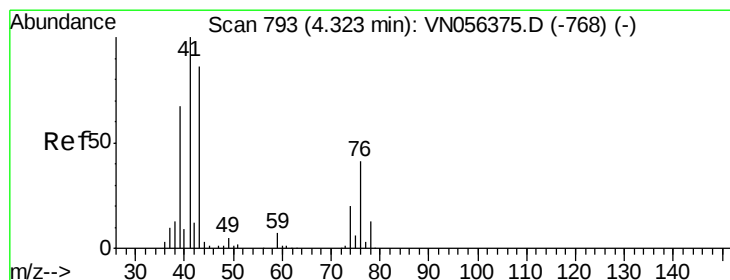
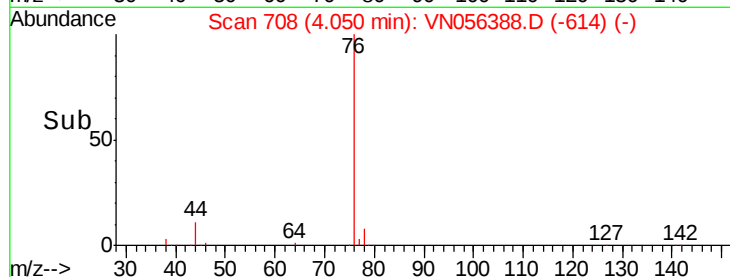
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.577 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056388.D

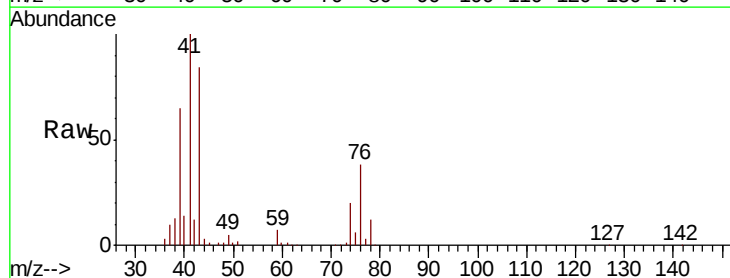
Acq: 20 Jun 2019 9:25

Tgt Ion: 43 Resp: 221807

Ion Ratio Lower Upper

43 100

74 24.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.32

80000

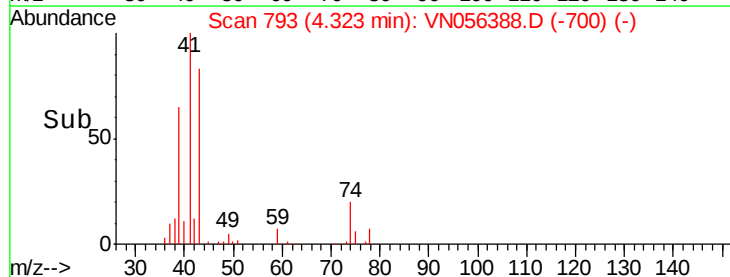
60000

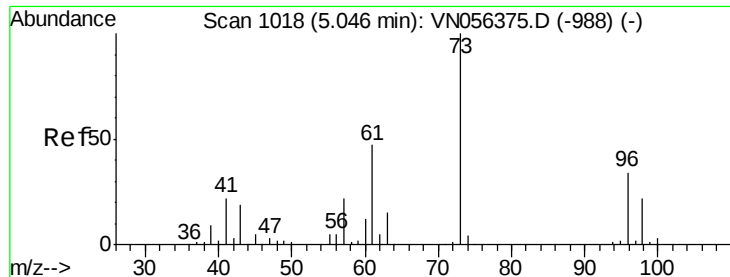
40000

20000

0

Time-->

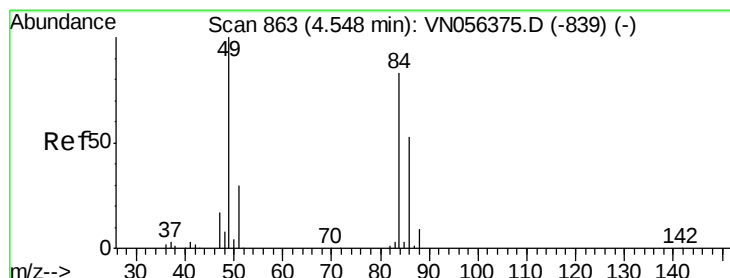
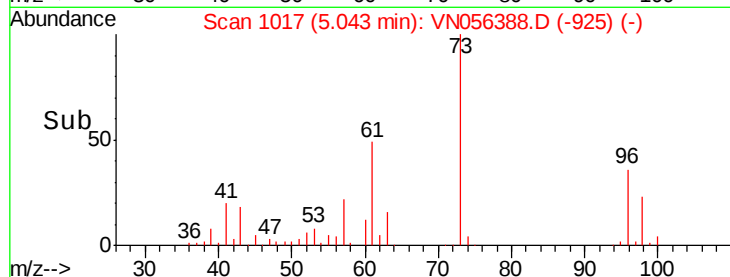
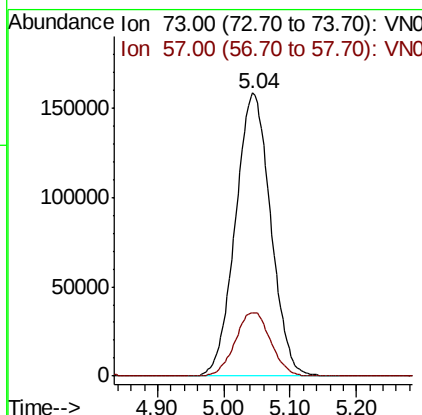
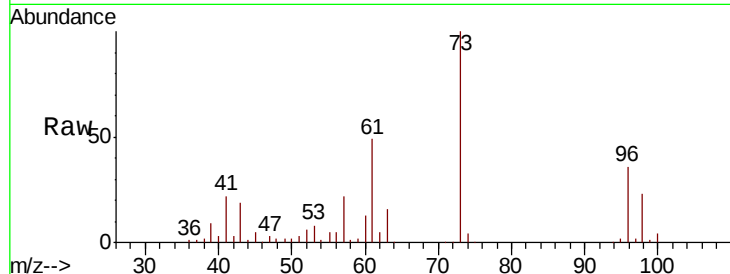




#19
Methyl tert-butyl Ether
Concen: 50.625 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

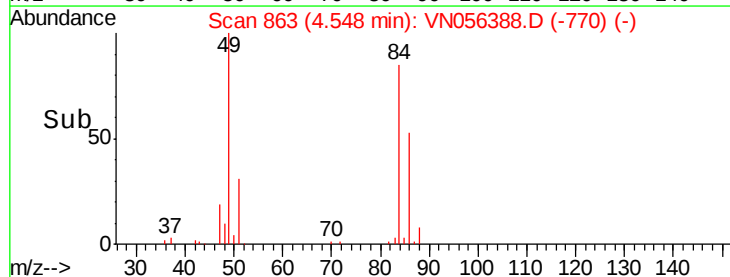
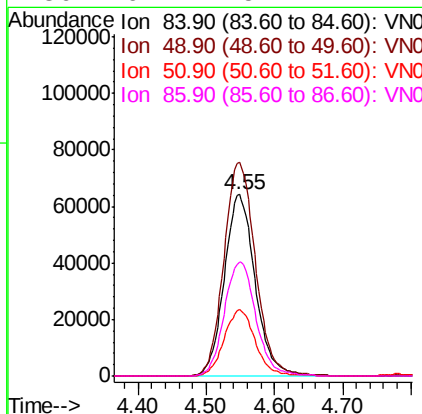
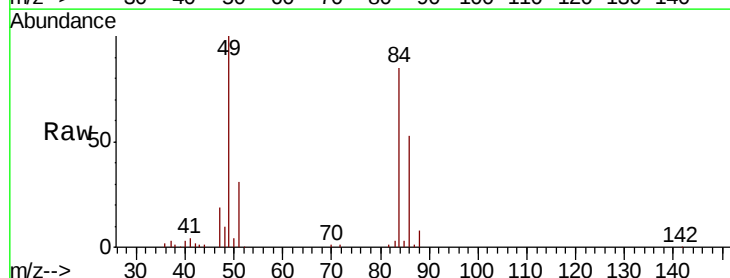
Instrument :
MSVOA_N
ClientSampleId :

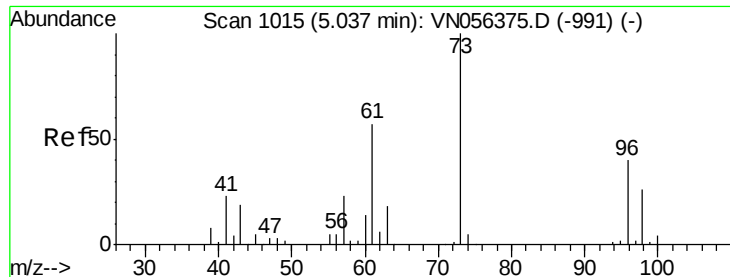
Tot Ion: 73 Resp: 585469
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 48.795 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 84 Resp: 202168
Ion Ratio Lower Upper
84 100
49 117.7 96.4 144.6
51 36.7 28.6 43.0
86 62.7 51.4 77.2

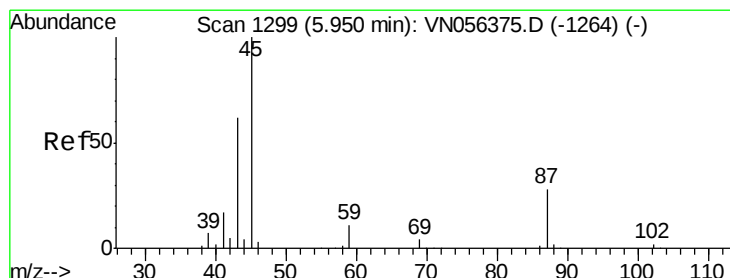
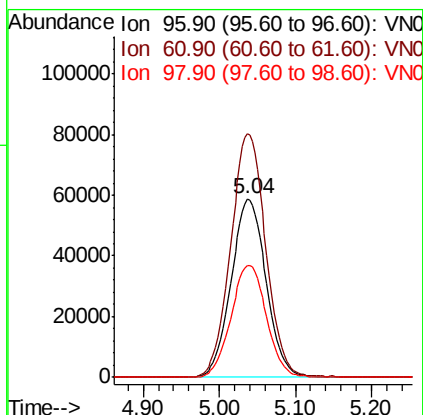
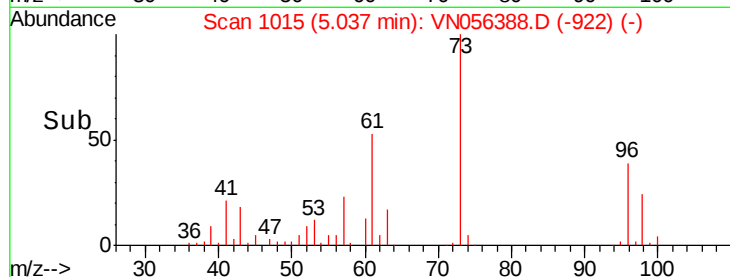
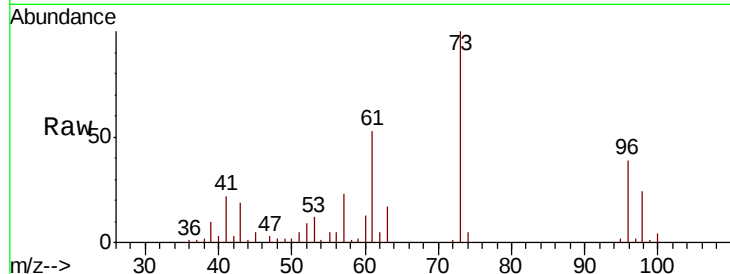




#21
trans-1,2-Dichloroethene
Concen: 49.845 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

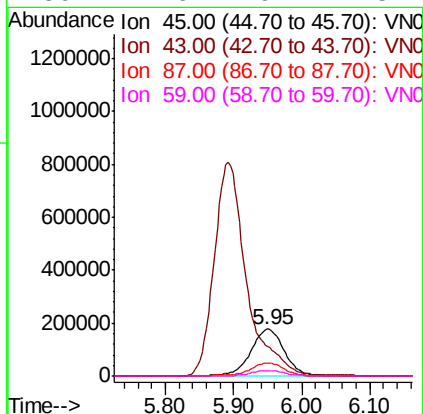
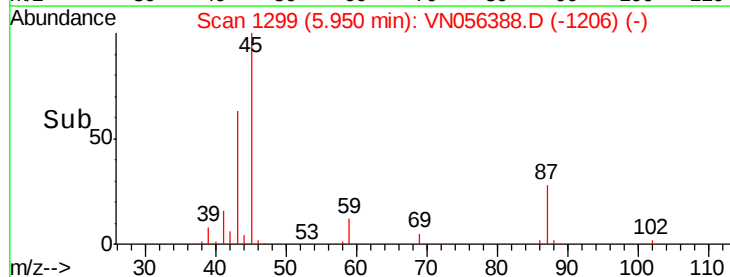
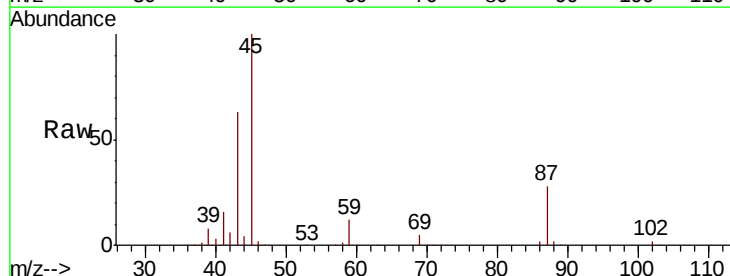
Instrument :
MSVOA_N
ClientSampled :

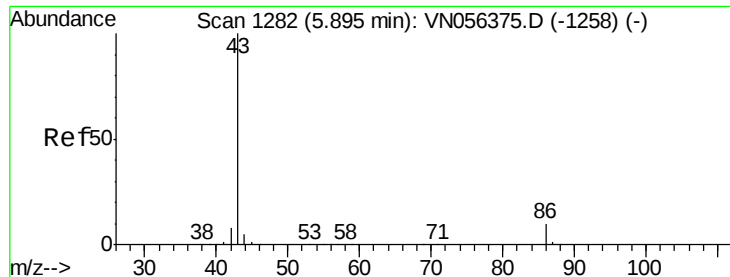
Tot Ion: 96 Resp: 187822
Ion Ratio Lower Upper
96 100
61 136.4 113.0 169.6
98 62.3 52.2 78.2



#22
Diisopropyl ether
Concen: 49.707 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 45 Resp: 607336
Ion Ratio Lower Upper
45 100
43 61.2 50.4 75.6
87 27.9 23.0 34.4
59 11.6 9.1 13.7

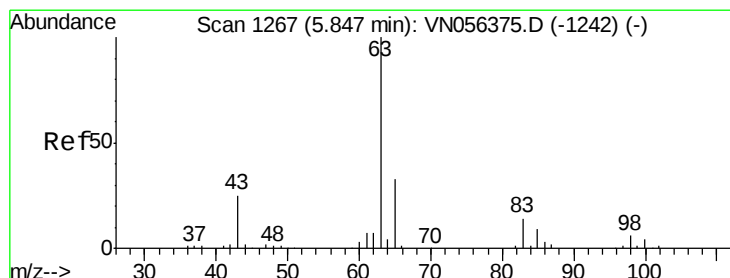
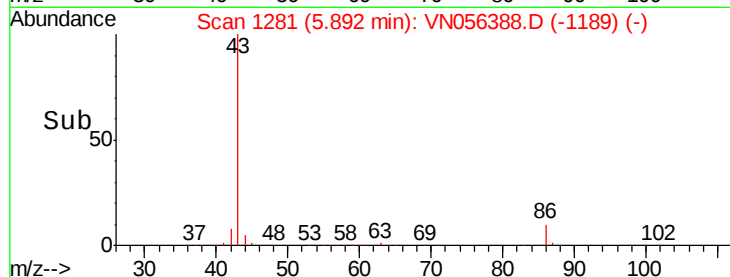
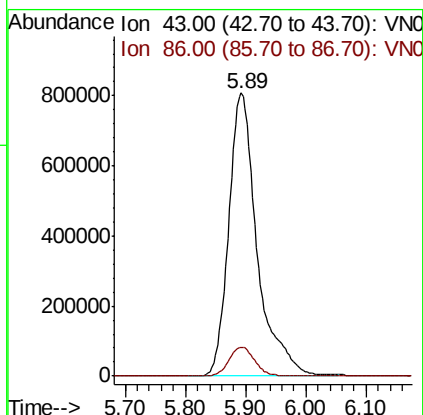
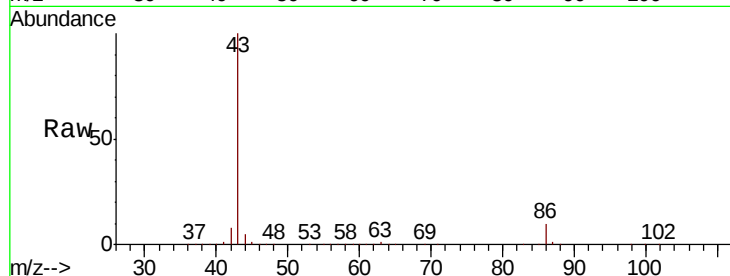




#23
 Vinyl Acetate
 Concen: 276.423 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

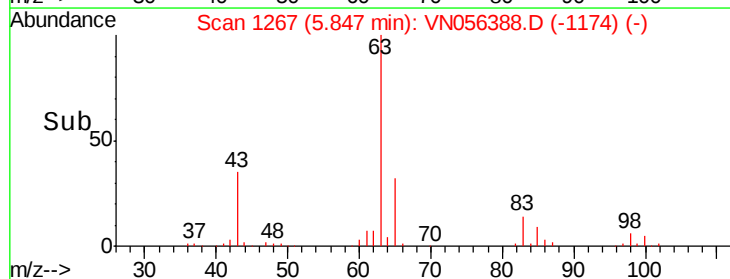
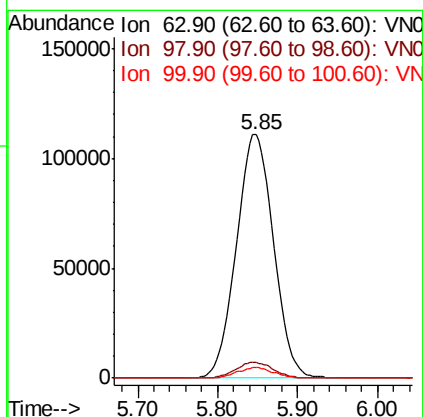
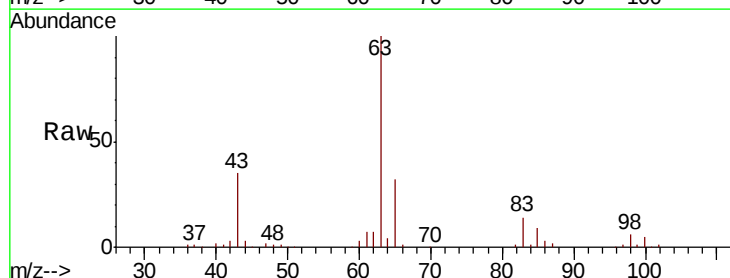
Instrument :
 MSVOA_N
 ClientSampled :

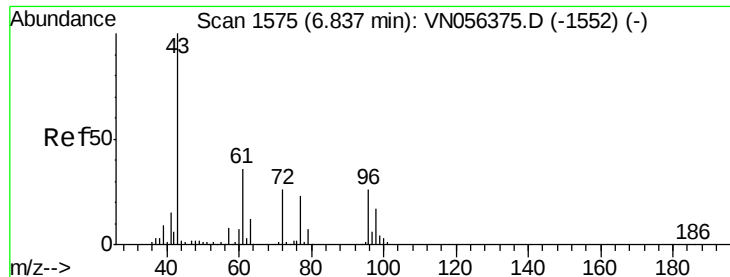
Tot Ion: 43 Resp: 2663883
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 49.678 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion: 63 Resp: 348426
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.2 9.6
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 272.002 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

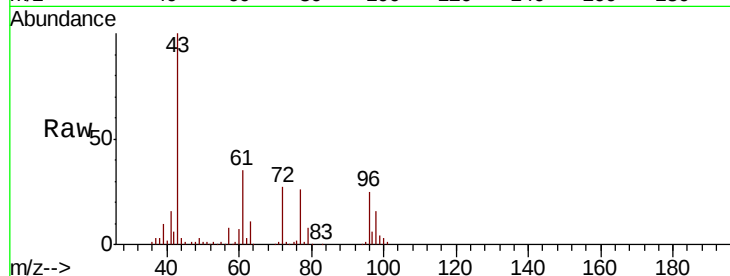
ClientSampleId :

Tot Ion: 43 Resp: 790870

Ion Ratio Lower Upper

43 100

72 26.7 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.83

250000

200000

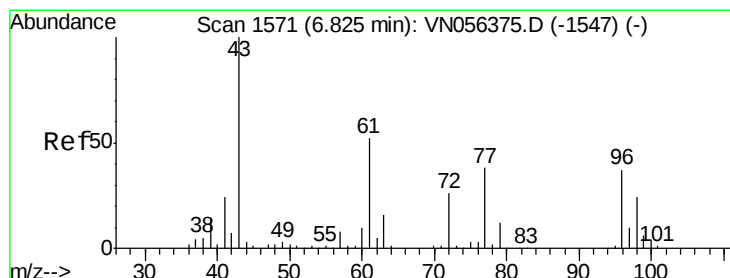
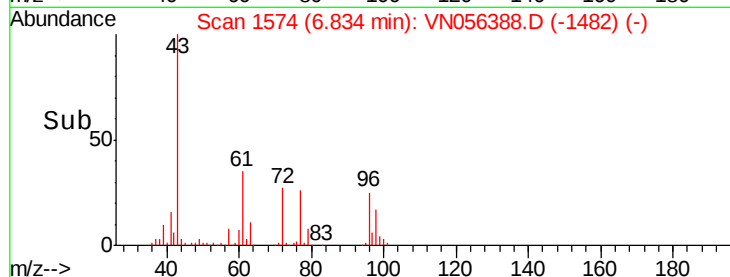
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 53.317 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056388.D

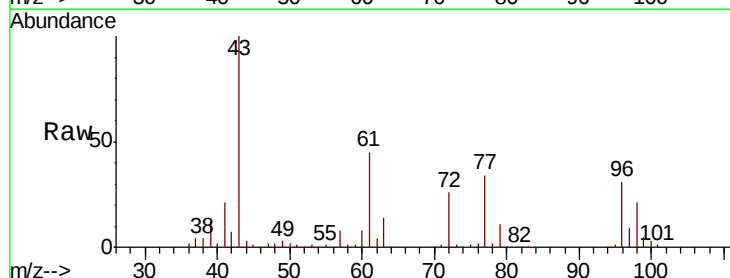
Acq: 20 Jun 2019 9:25

Tgt Ion: 77 Resp: 260086

Ion Ratio Lower Upper

77 100

97 24.6 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

80000

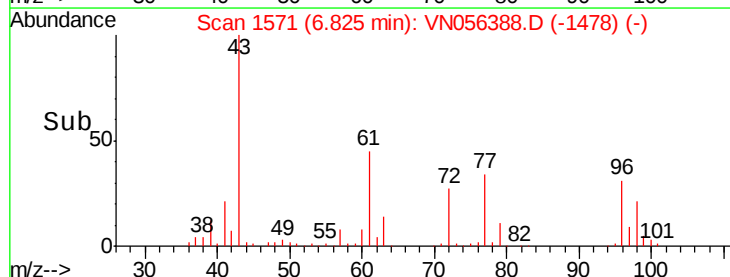
60000

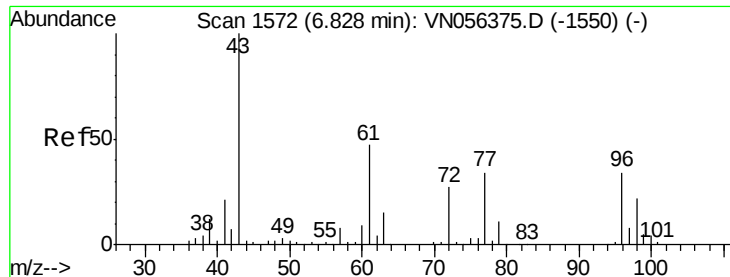
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.265 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :
MSVOA_N
ClientSampled :

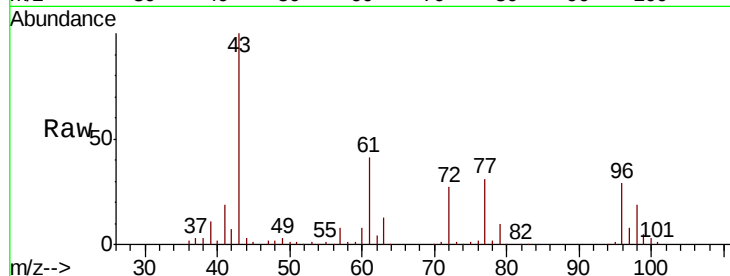
Tot Ion: 96 Resp: 221593

Ion Ratio Lower Upper

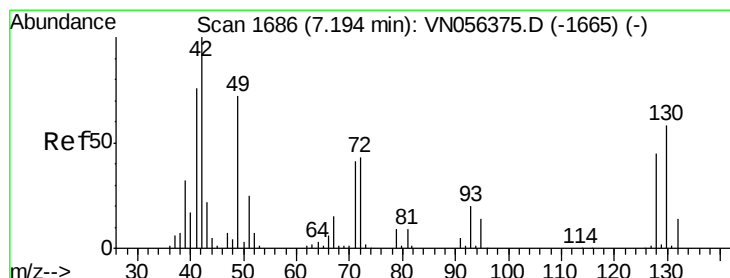
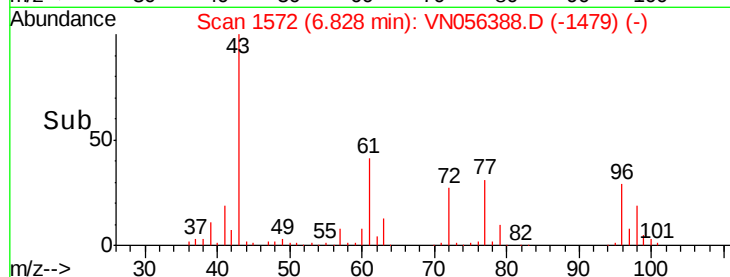
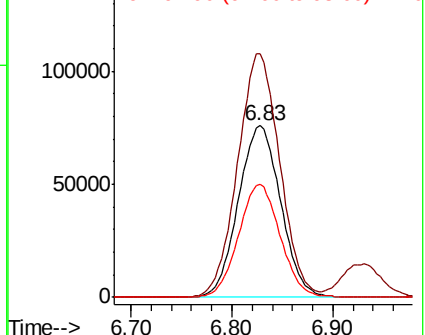
96 100

61 141.0 0.0 279.8

98 64.9 0.0 130.0



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: 49.806 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

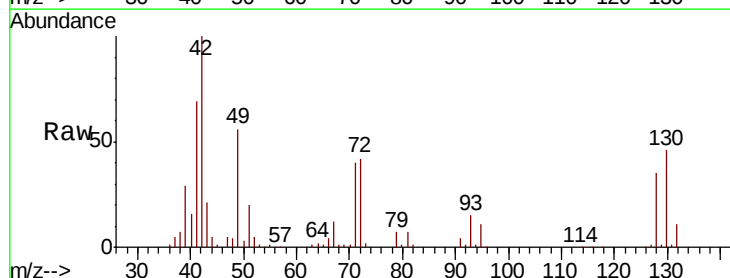
Tgt Ion: 49 Resp: 172786

Ion Ratio Lower Upper

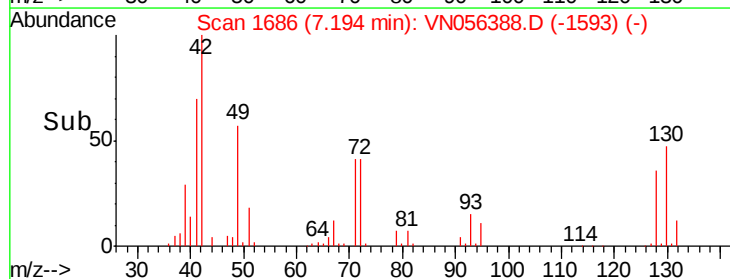
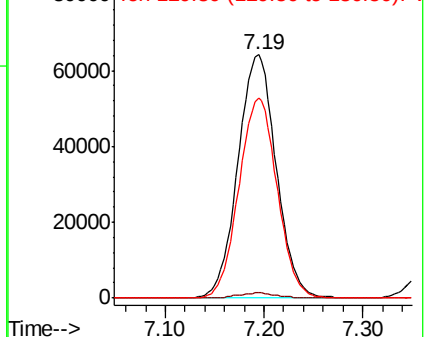
49 100

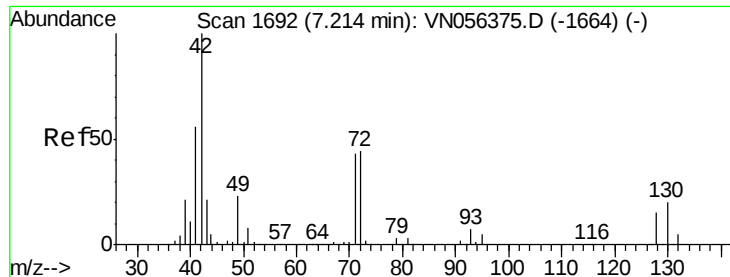
129 2.0 0.0 4.2

130 82.0 64.9 97.3



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

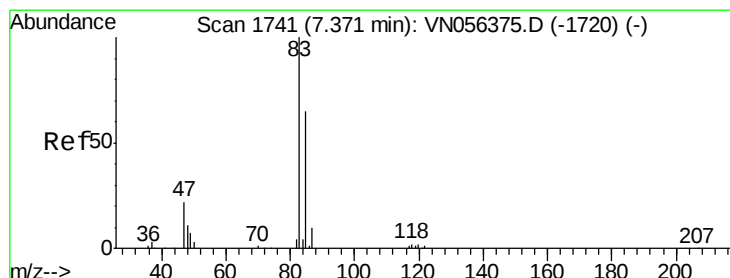
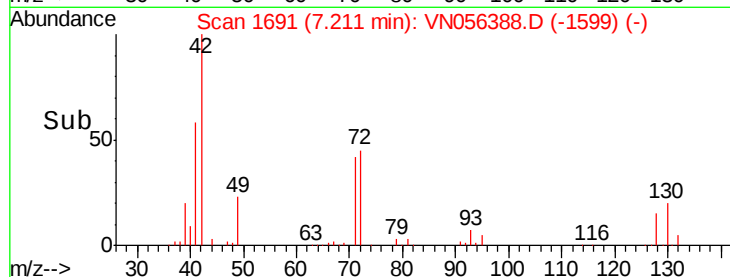
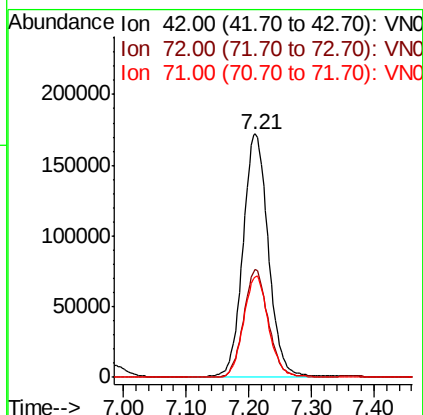
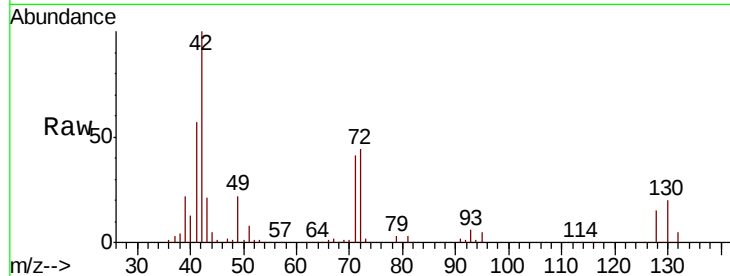




#29
Tetrahydrofuran
Concen: 272.688 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

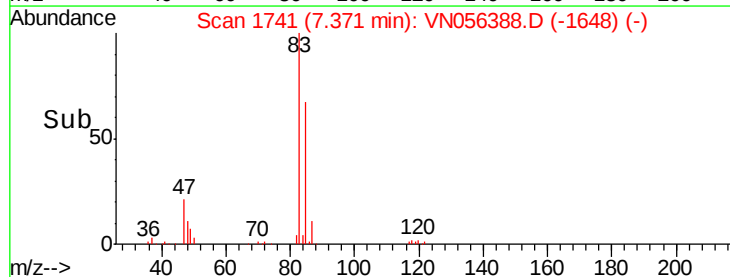
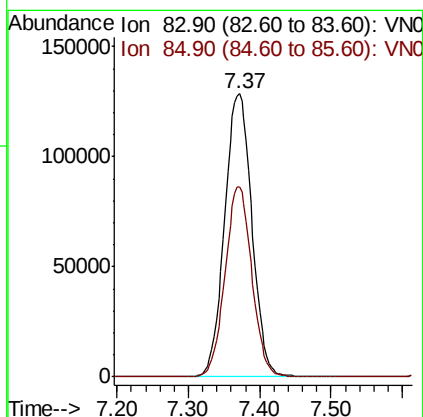
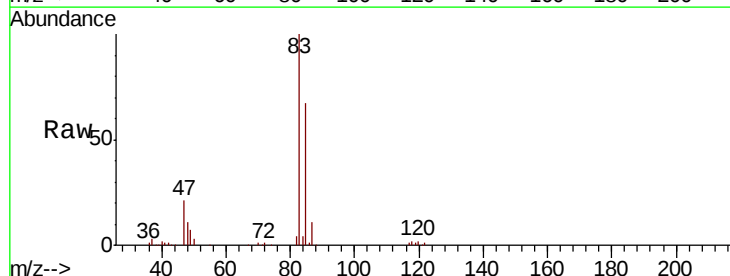
Instrument :
MSVOA_N
ClientSampled :

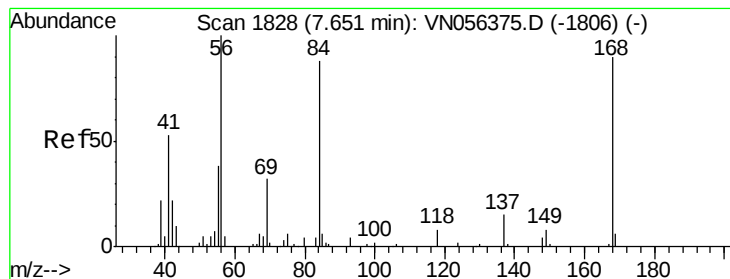
Tot Ion: 42 Resp: 484523
Ion Ratio Lower Upper
42 100
72 43.0 34.7 52.1
71 41.1 33.0 49.6



#30
Chloroform
Concen: 49.560 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 83 Resp: 342996
Ion Ratio Lower Upper
83 100
85 67.1 52.3 78.5





#31

Cyclohexane

Concen: 47.279 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :
MSVOA_N
ClientSampled :

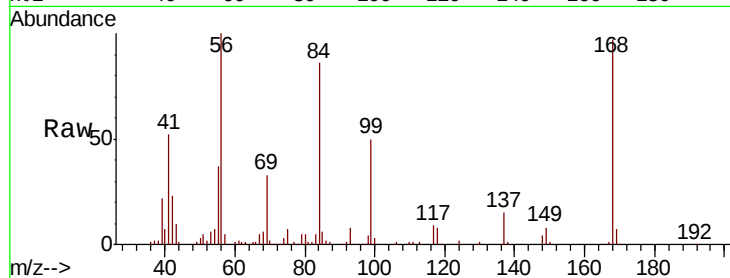
Tot Ion: 56 Resp: 320135

Ion Ratio Lower Upper

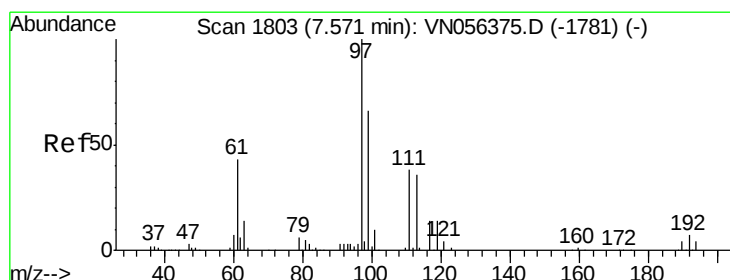
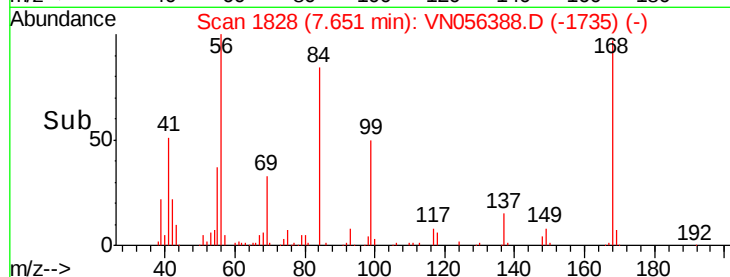
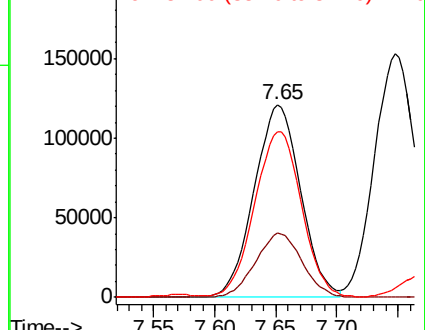
56 100

69 33.1 25.8 38.6

84 85.0 69.4 104.0



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: 51.752 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

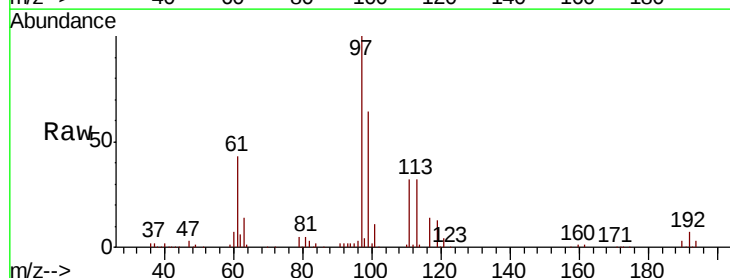
Tgt Ion: 97 Resp: 283899

Ion Ratio Lower Upper

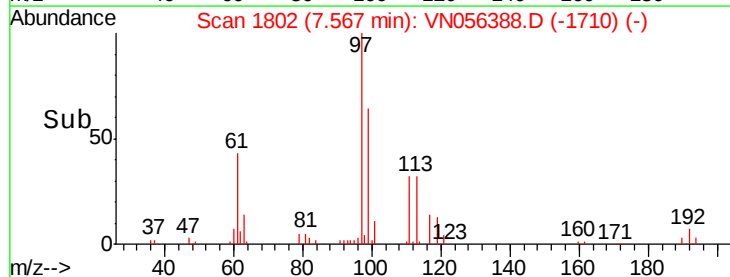
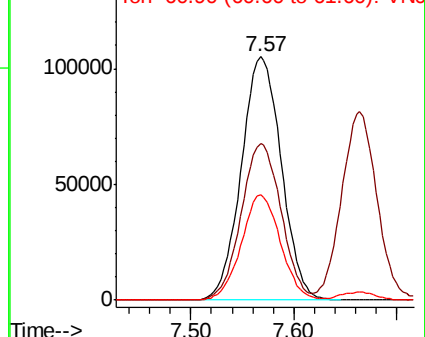
97 100

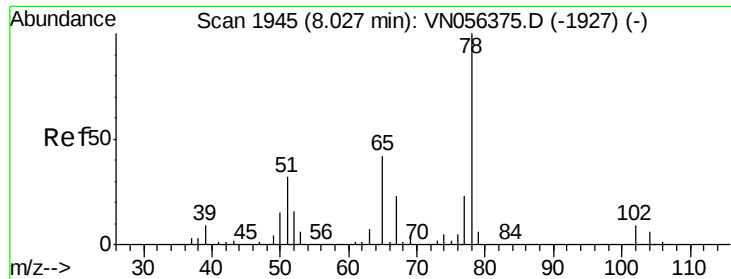
99 64.2 51.8 77.6

61 42.3 33.9 50.9



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

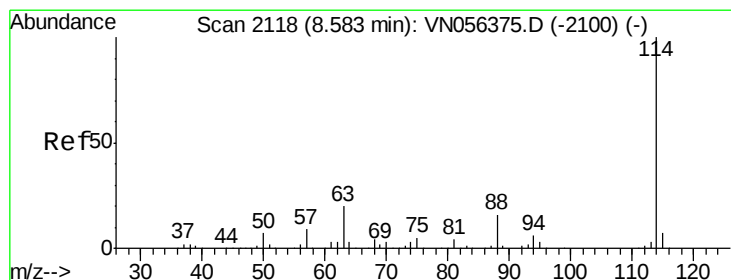
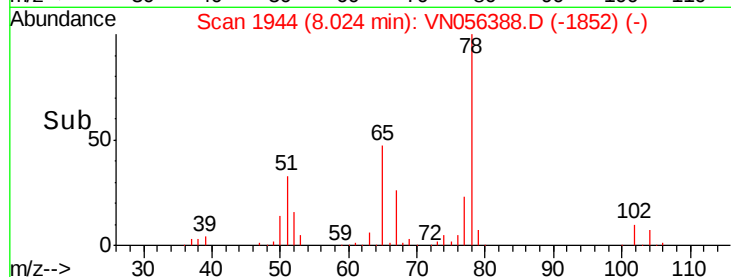
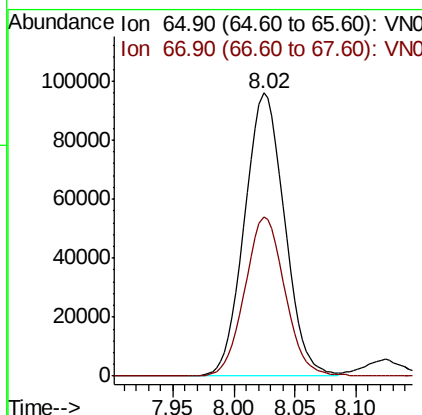
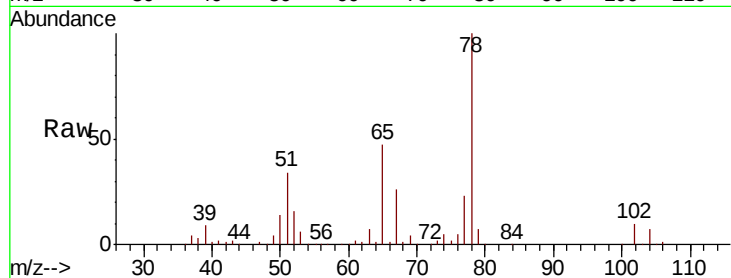




#33
 1,2-Dichloroethane-d4
 Concen: 49.803 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

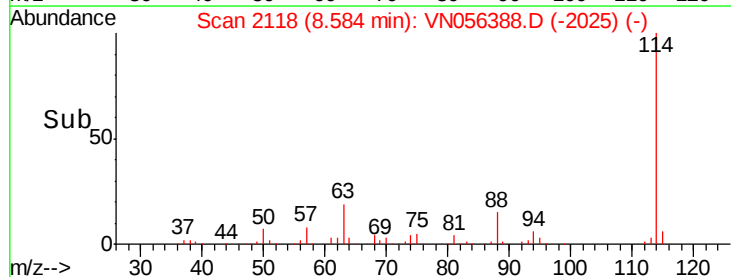
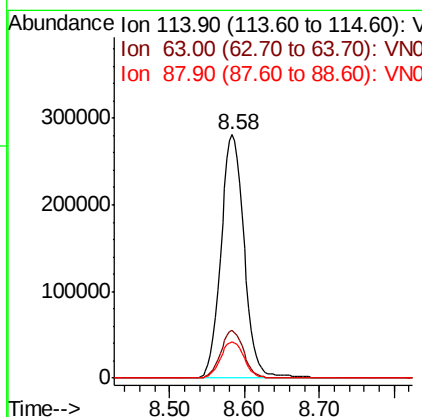
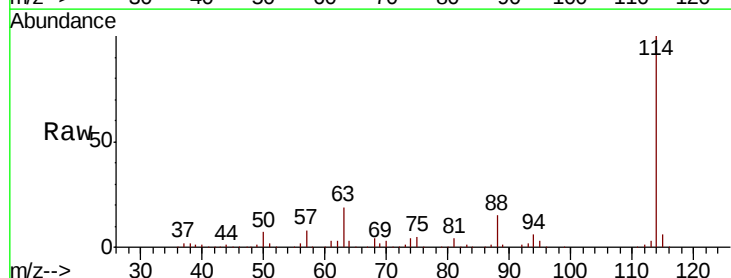
Instrument :
 MSVOA_N
 ClientSampleId :

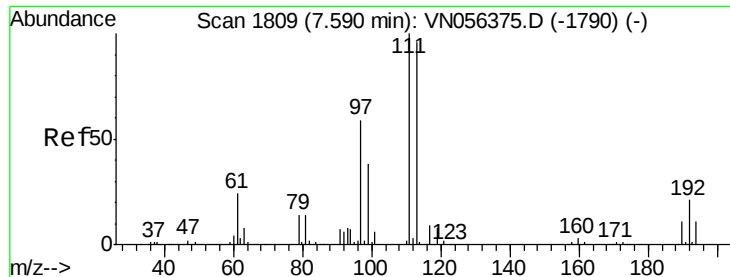
Tot Ion: 65 Resp: 218381
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion: 114 Resp: 603186
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 14.8 0.0 31.4

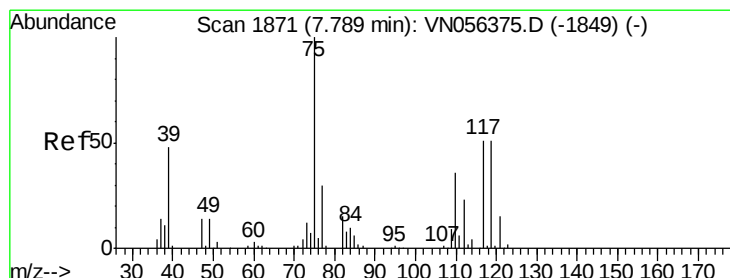
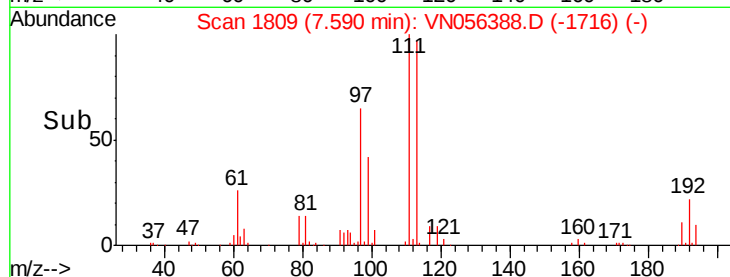
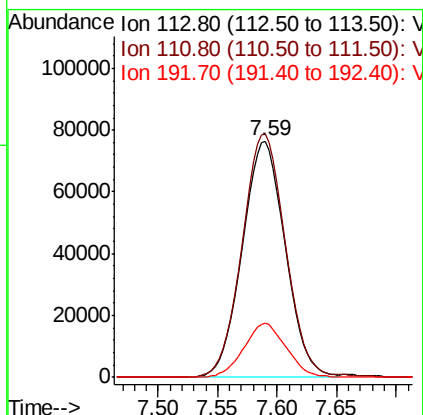
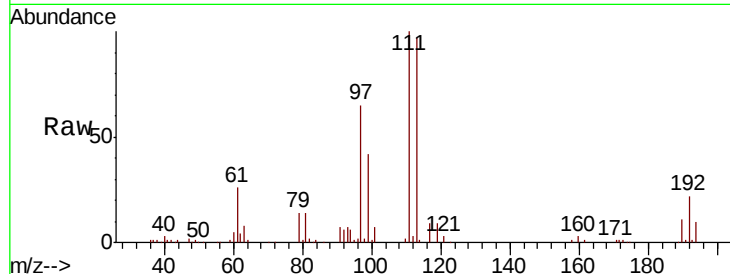




#35
Dibromofluoromethane
Concen: 50.853 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

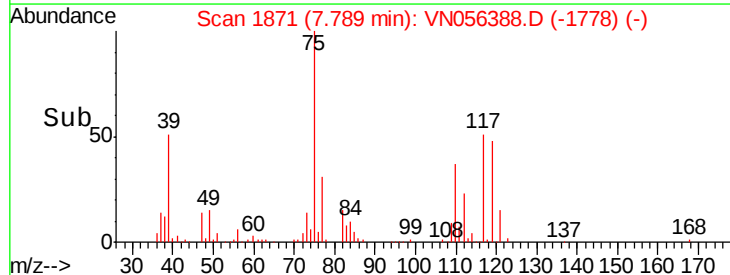
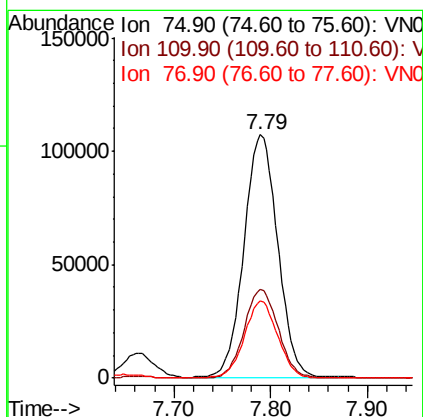
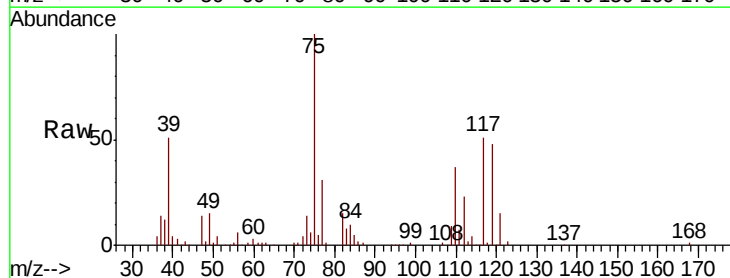
Instrument :
MSVOA_N
ClientSampleId :

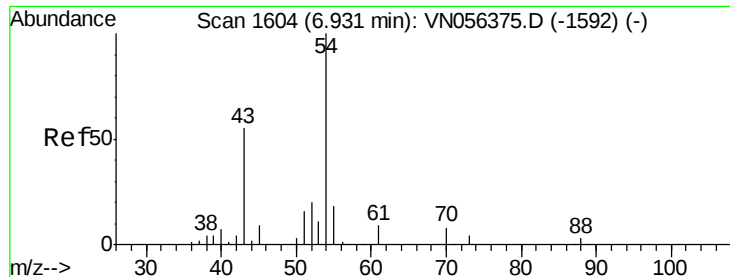
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.9	124.3
192	22.7	17.7	26.5



#36
1,1-Dichloropropene
Concen: 49.032 ug/l
RT: 7.79 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.3
77	31.3	24.6	36.8

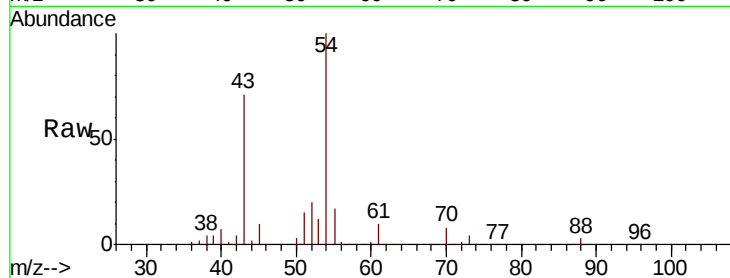




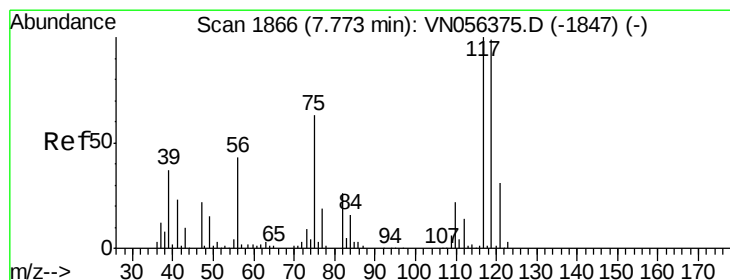
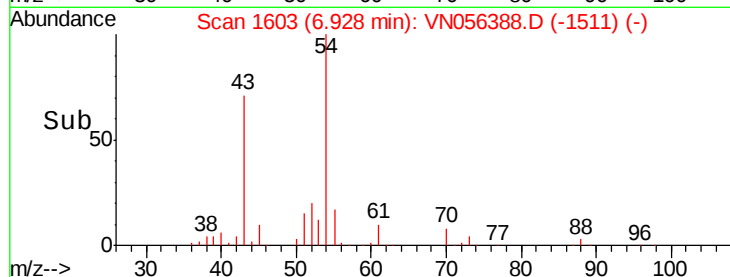
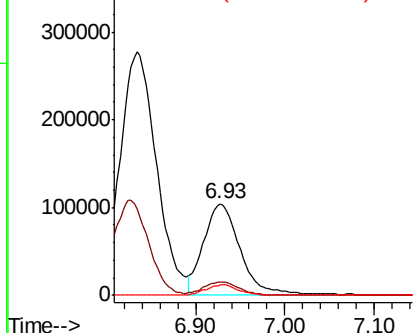
#37
Ethyl Acetate
Concen: 55.843 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 291361
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 10.4 8.3 12.5

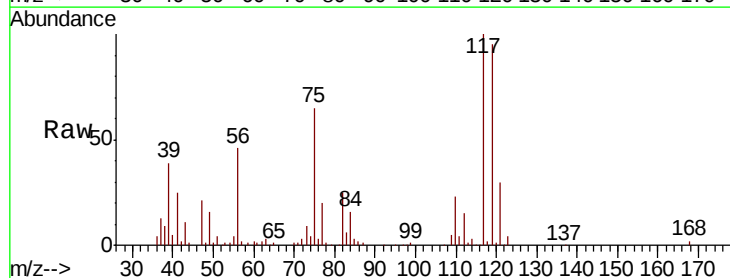


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

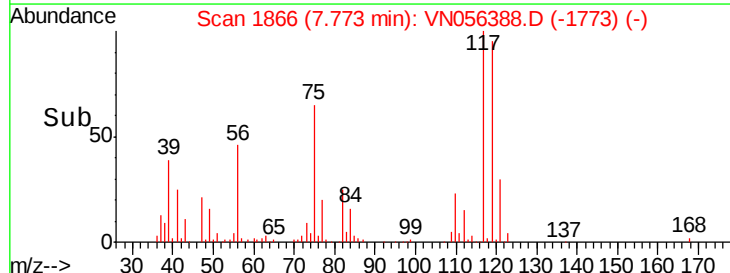
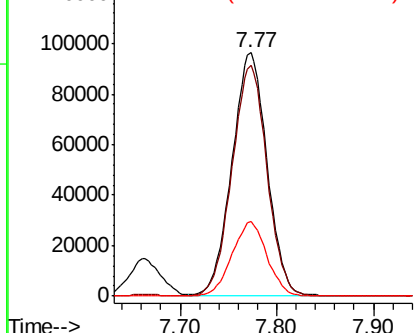


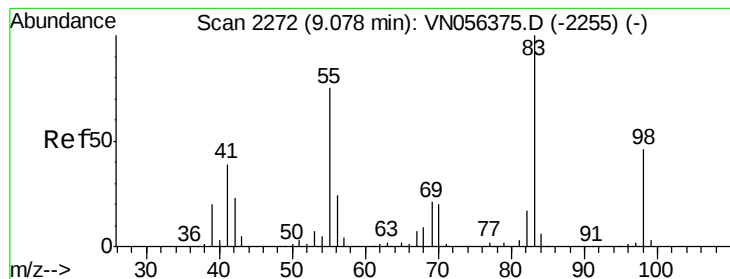
#38
Carbon Tetrachloride
Concen: 52.469 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 117 Resp: 243600
Ion Ratio Lower Upper
117 100
119 94.6 79.1 118.7
121 30.5 24.8 37.2



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: 50.053 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampled :

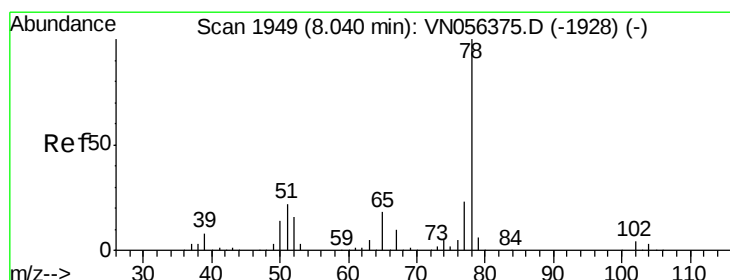
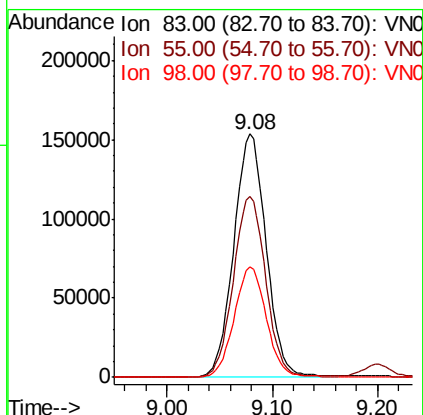
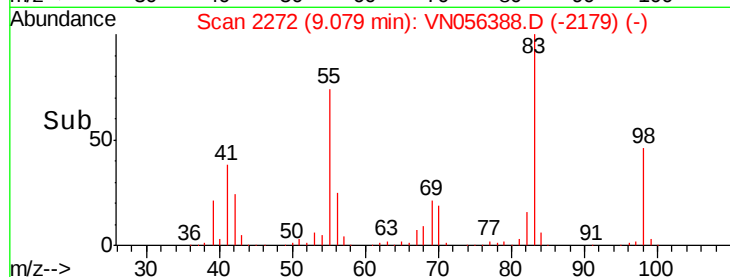
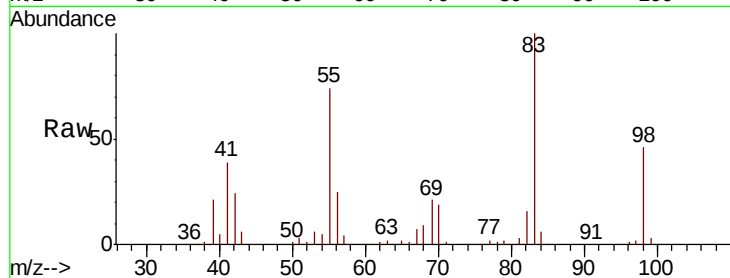
Tot Ion: 83 Resp: 327901

Ion Ratio Lower Upper

83 100

55 74.5 60.0 90.0

98 45.6 36.6 54.8



#40

Benzene

Concen: 48.989 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056388.D

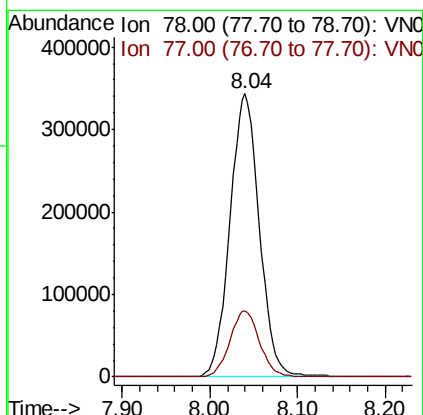
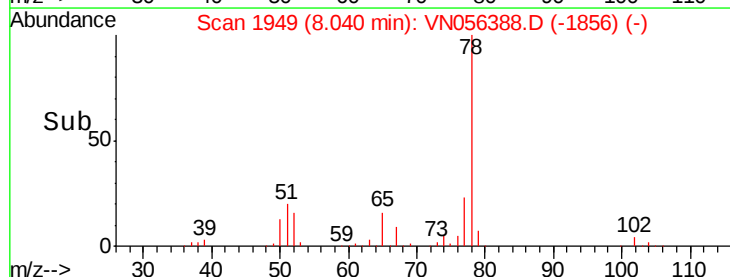
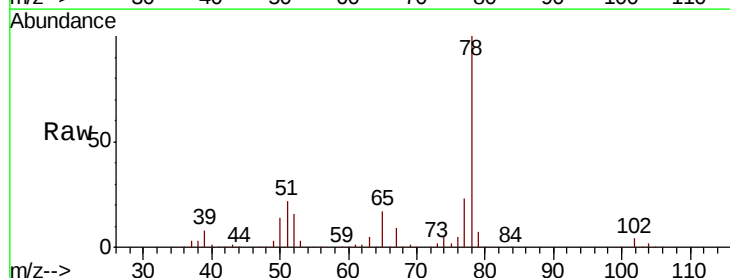
Acq: 20 Jun 2019 9:25

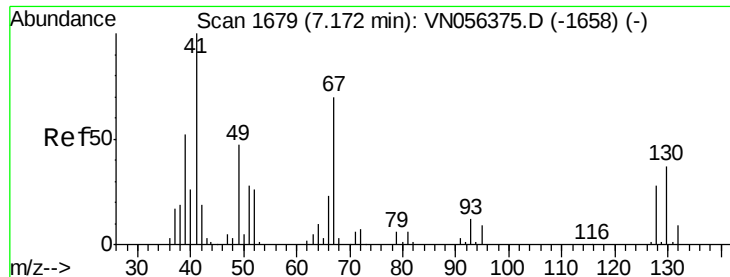
Tgt Ion: 78 Resp: 800033

Ion Ratio Lower Upper

78 100

77 23.4 18.3 27.5





#41

Methacrylonitrile

Concen: 181.074 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 417180

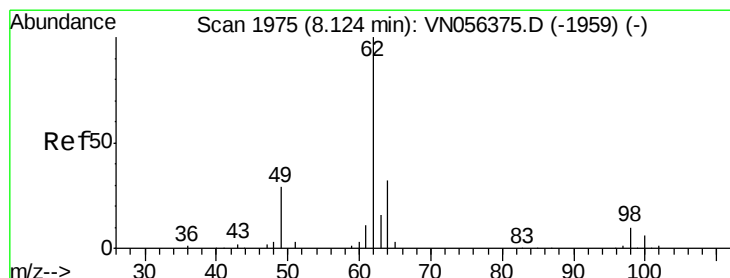
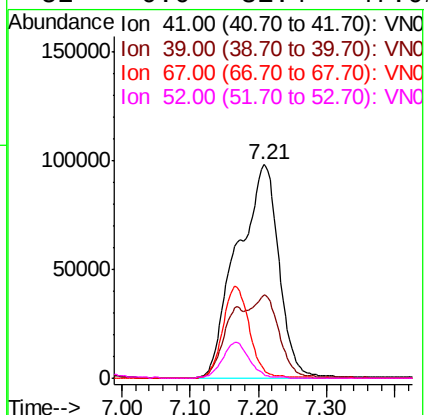
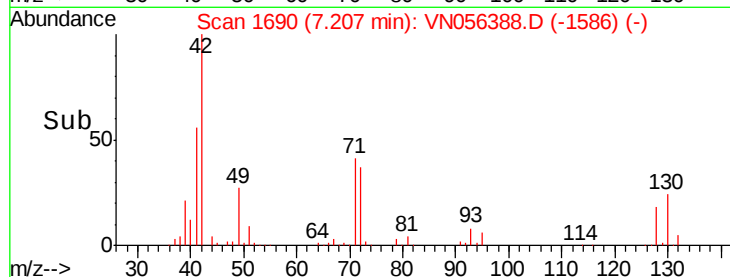
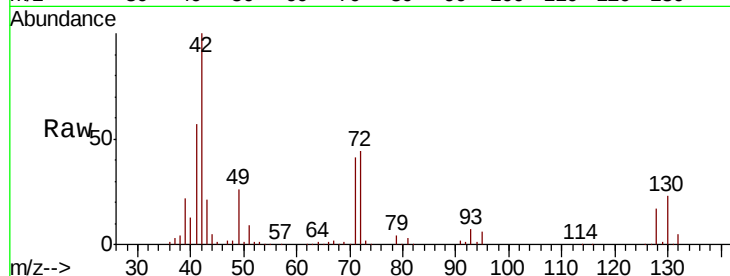
Ion Ratio Lower Upper

41 100

39 0.0 55.3 82.9#

67 0.0 79.2 118.8#

52 0.0 31.4 47.0#



#42

1,2-Dichloroethane

Concen: 48.519 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN056388.D

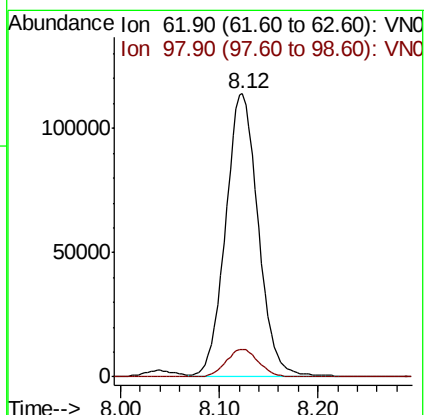
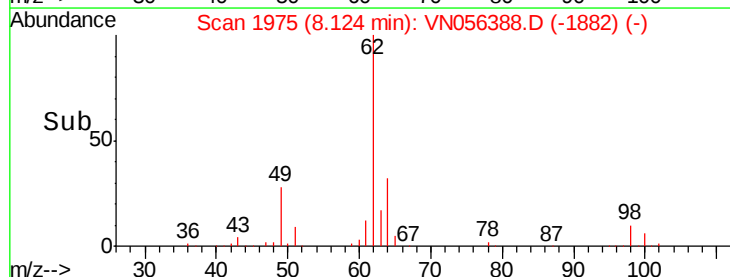
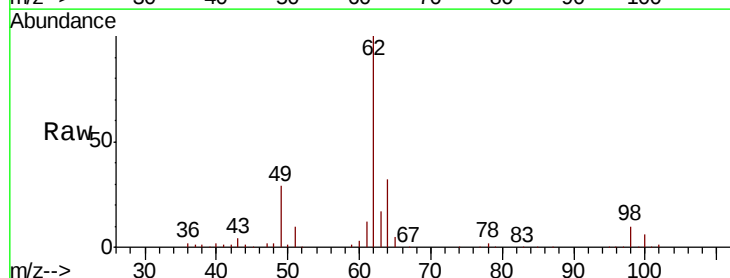
Acq: 20 Jun 2019 9:25

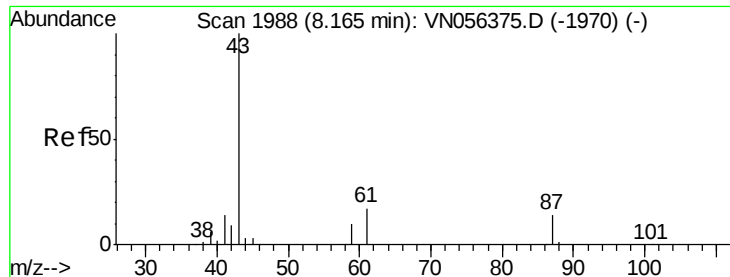
Tgt Ion: 62 Resp: 261493

Ion Ratio Lower Upper

62 100

98 9.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 54.860 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

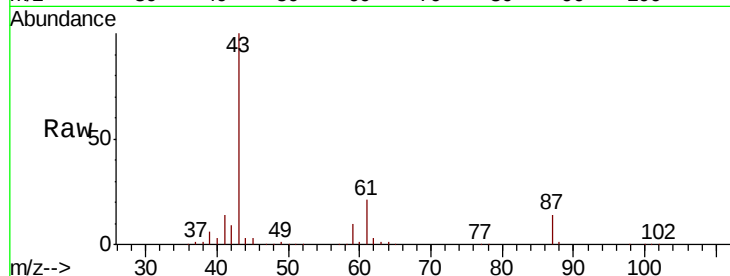
Tot Ion: 43 Resp: 441360

Ion Ratio Lower Upper

43 100

61 27.1 22.0 33.0

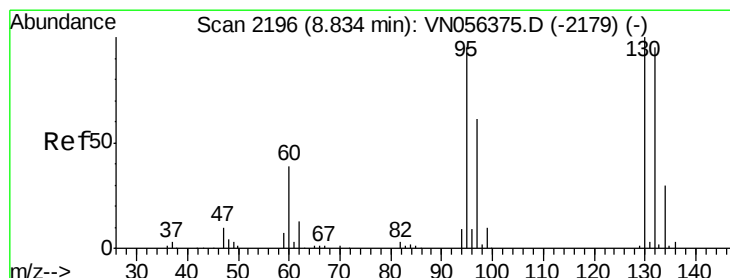
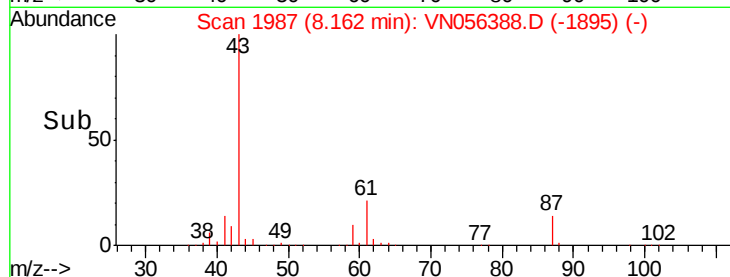
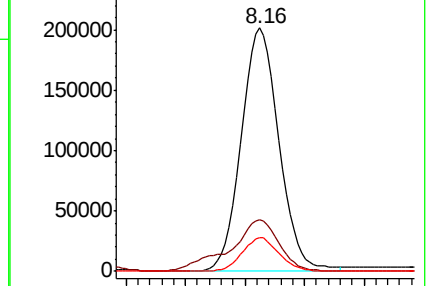
87 13.8 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#44

Trichloroethene

Concen: 48.344 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056388.D

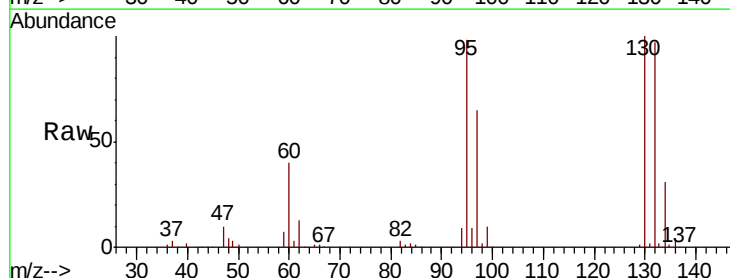
Acq: 20 Jun 2019 9:25

Tgt Ion:130 Resp: 212672

Ion Ratio Lower Upper

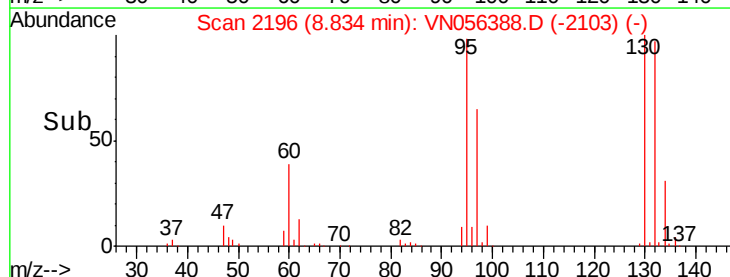
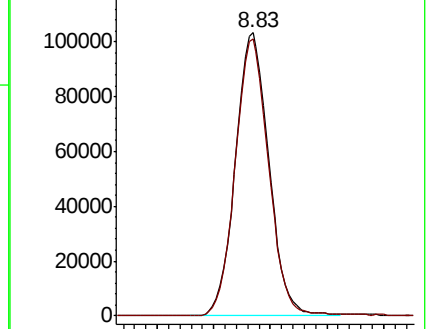
130 100

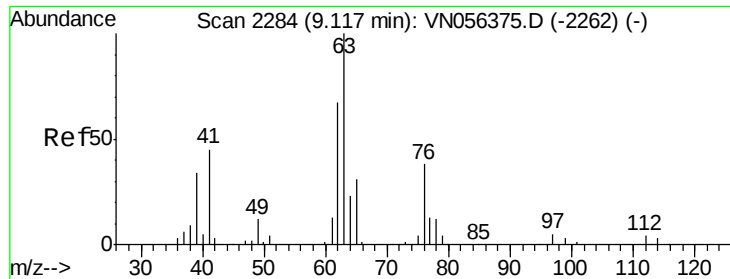
95 98.0 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 49.221 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

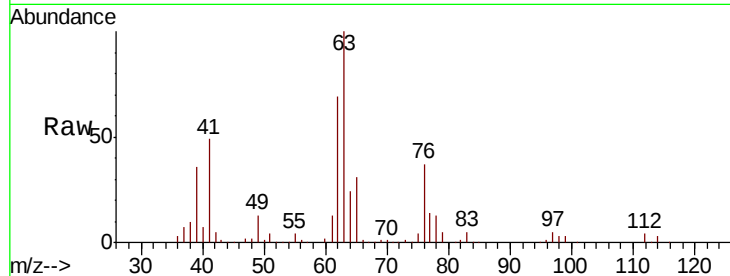
ClientSampled :

Tot Ion: 63 Resp: 214970

Ion Ratio Lower Upper

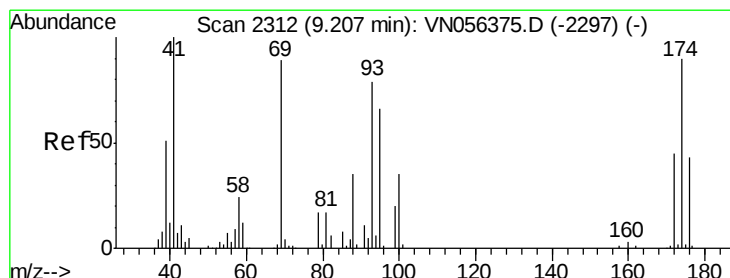
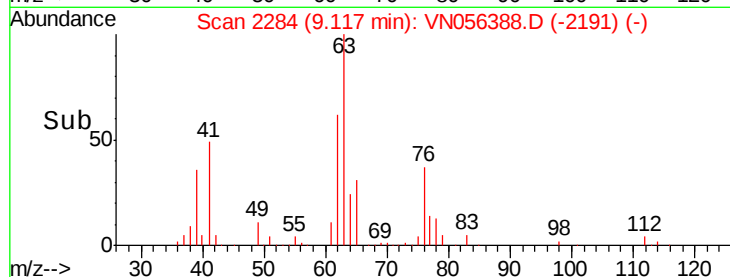
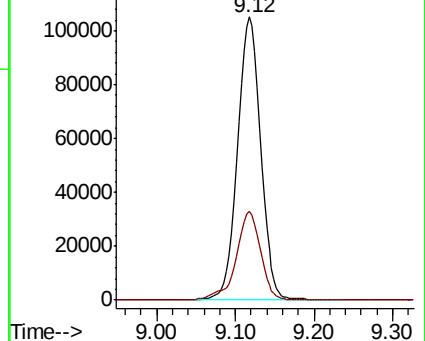
63 100

65 31.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.828 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

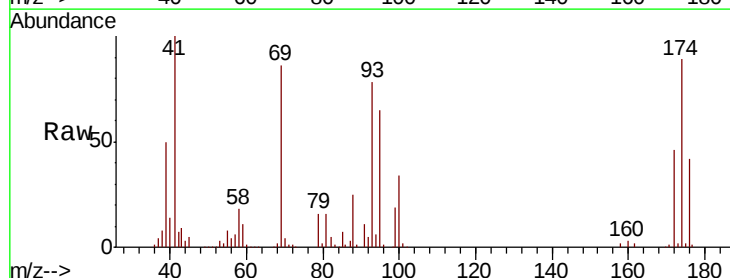
Tgt Ion: 93 Resp: 138884

Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.2

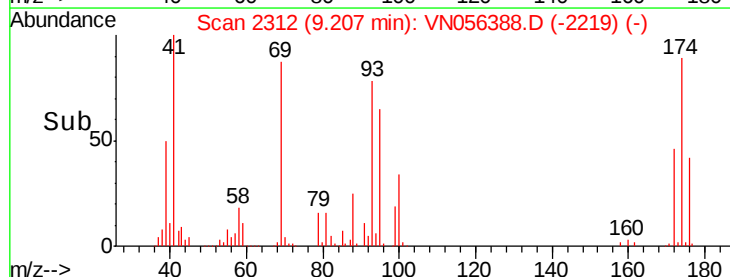
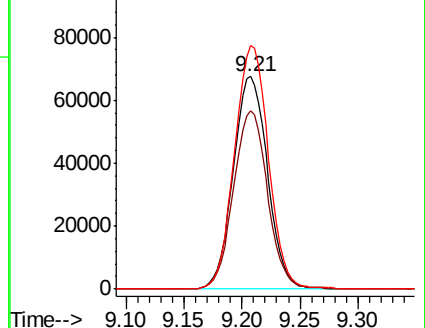
174 113.6 90.8 136.2

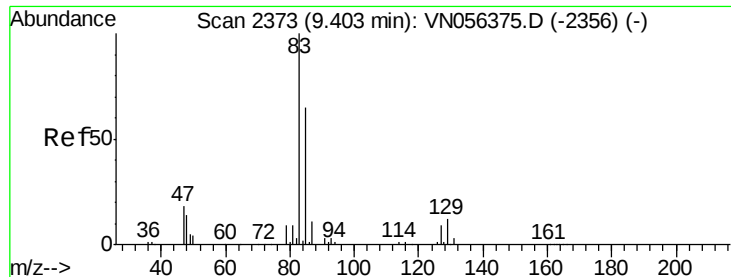


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.771 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

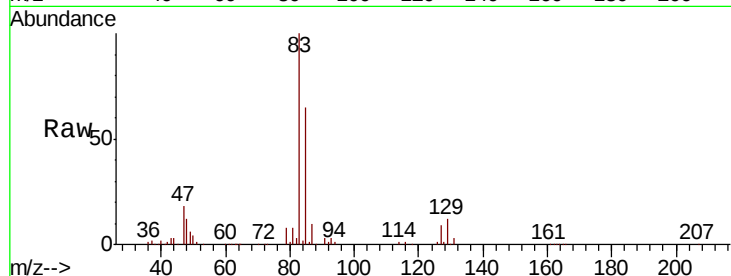
Tot Ion: 83 Resp: 260584

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.4

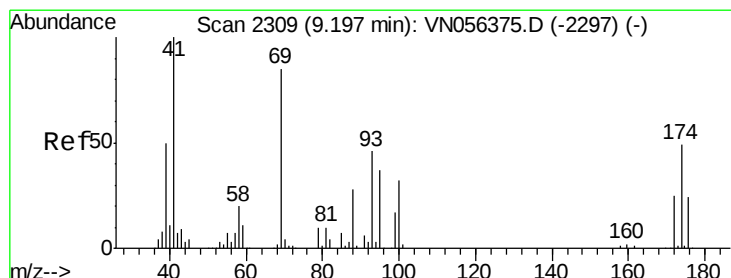
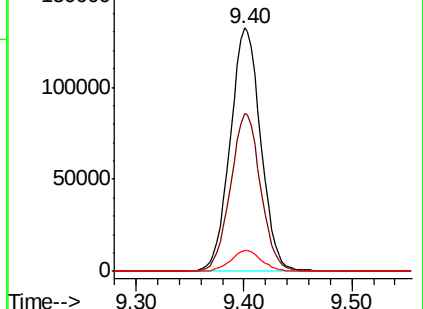
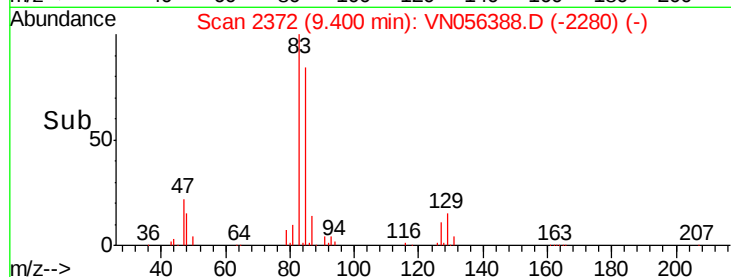
127 8.8 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056388.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056388.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056388.D (-2280) (-)



#48

Methyl methacrylate

Concen: 52.356 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

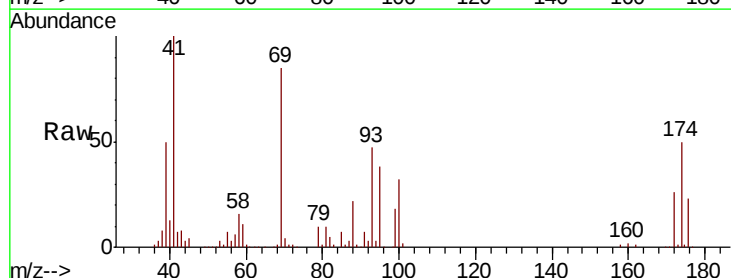
Tgt Ion: 41 Resp: 211081

Ion Ratio Lower Upper

41 100

69 89.3 72.6 109.0

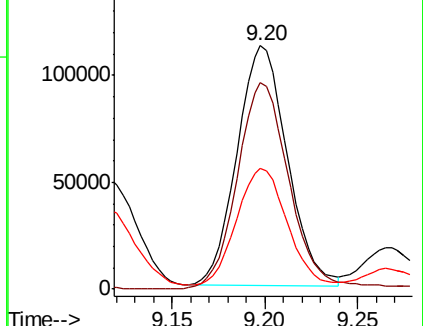
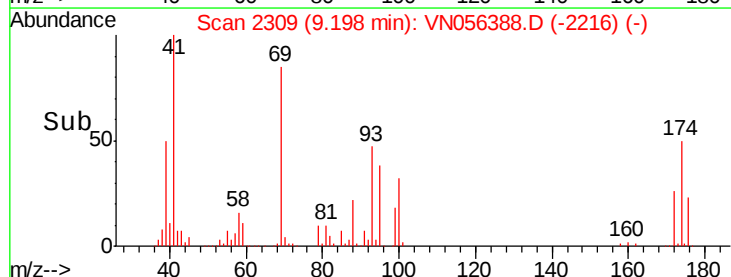
39 52.1 42.6 63.8

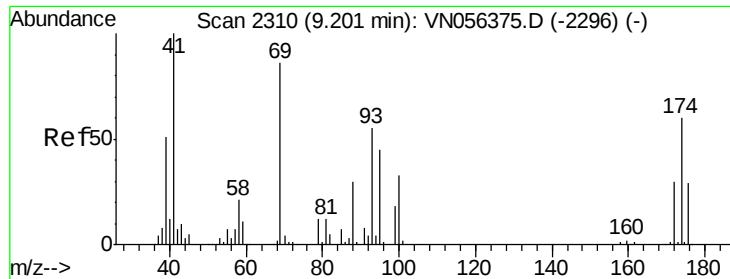


Abundance Ion 41.00 (40.70 to 41.70): VN056388.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056388.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056388.D (-2216) (-)





#49

1,4-Dioxane

Concen: 727.974 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampled :

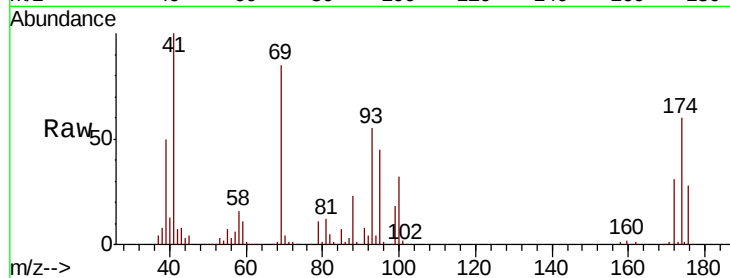
Tot Ion: 88 Resp: 60906

Ion Ratio Lower Upper

88 100

43 29.6 22.0 33.0

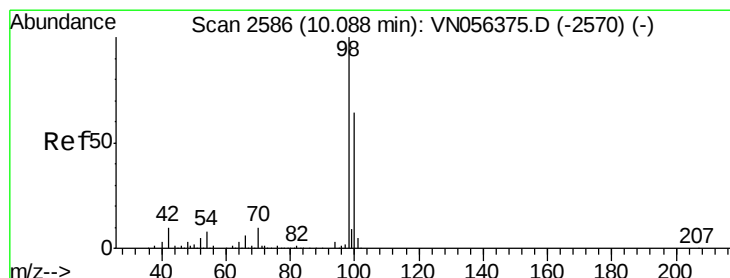
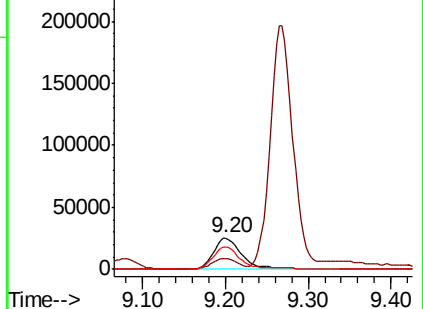
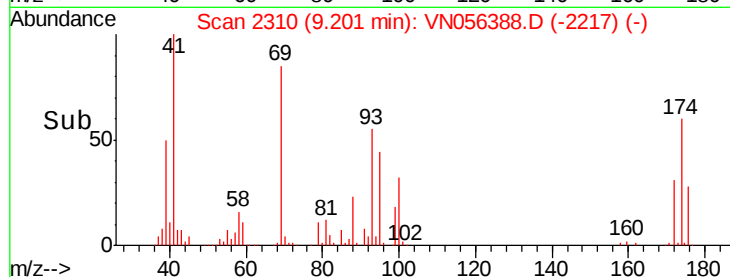
58 67.0 51.8 77.8



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: 49.404 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056388.D

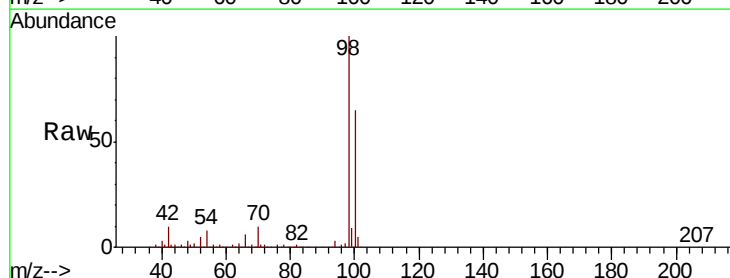
Acq: 20 Jun 2019 9:25

Tgt Ion: 98 Resp: 723362

Ion Ratio Lower Upper

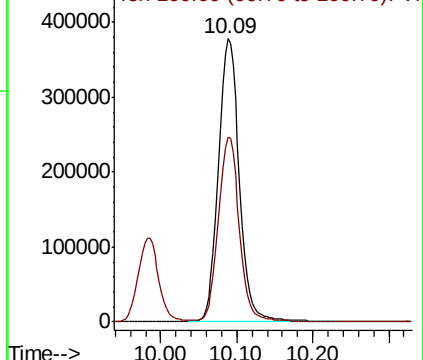
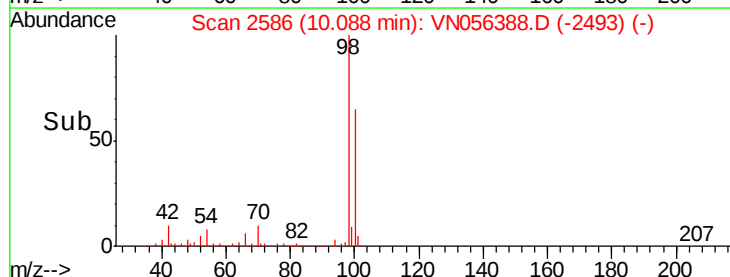
98 100

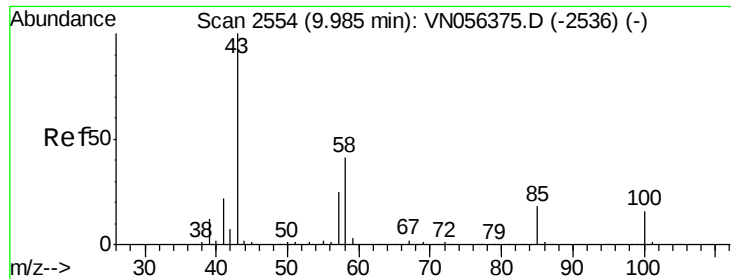
100 65.7 52.2 78.2



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: 272.875 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

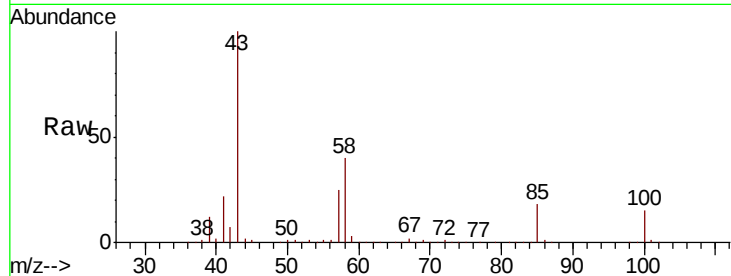
ClientSampled :

Tot Ion: 43 Resp: 1416954

Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

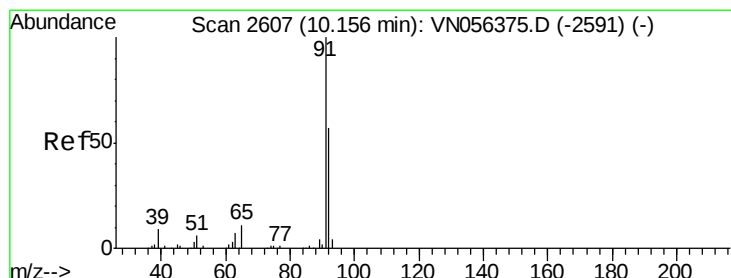
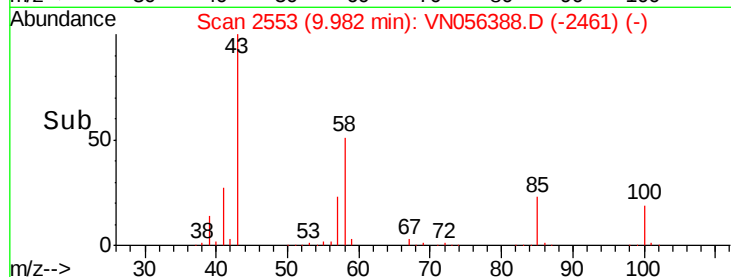
400000

200000

0

9.90 10.00 10.10

Time-->



#52

Toluene

Concen: 49.084 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056388.D

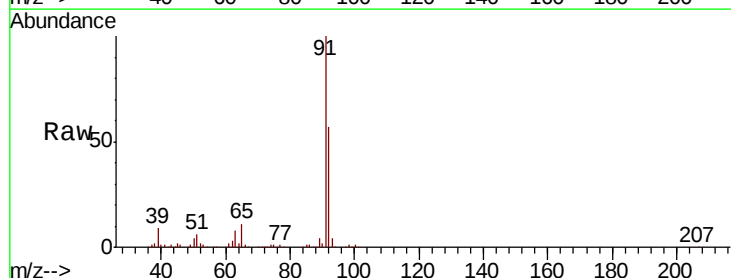
Acq: 20 Jun 2019 9:25

Tgt Ion: 92 Resp: 490069

Ion Ratio Lower Upper

92 100

91 175.6 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

300000

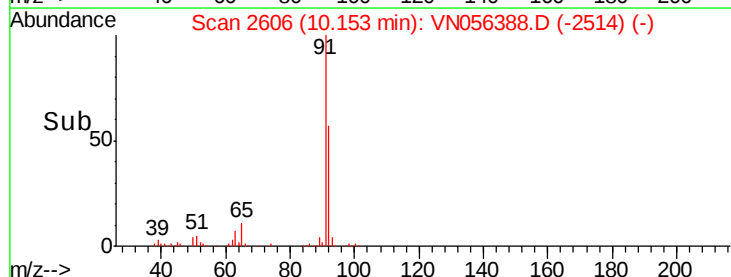
200000

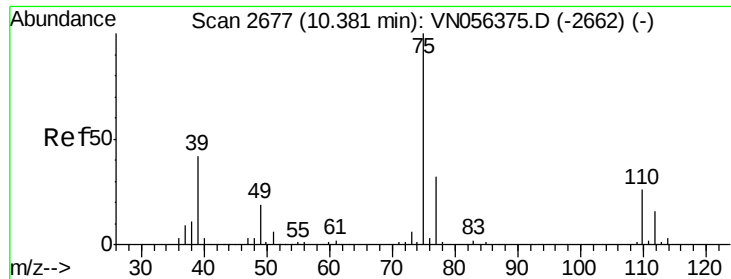
100000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.748 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

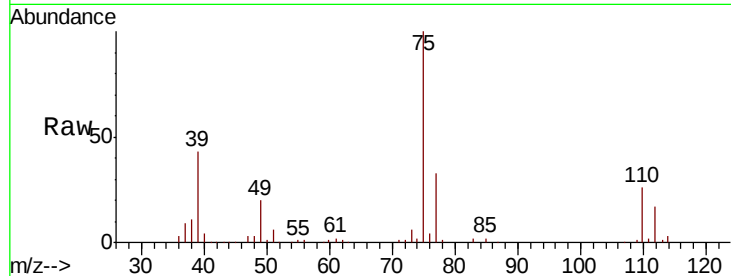
ClientSampleId :

Tot Ion: 75 Resp: 274718

Ion Ratio Lower Upper

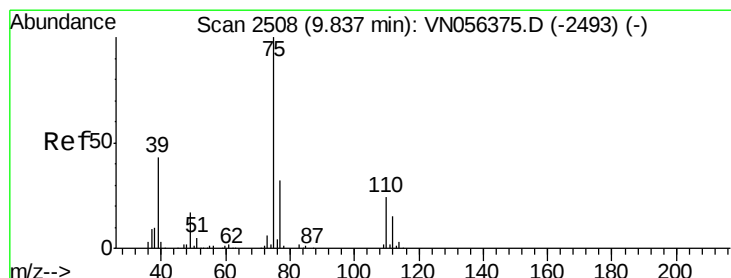
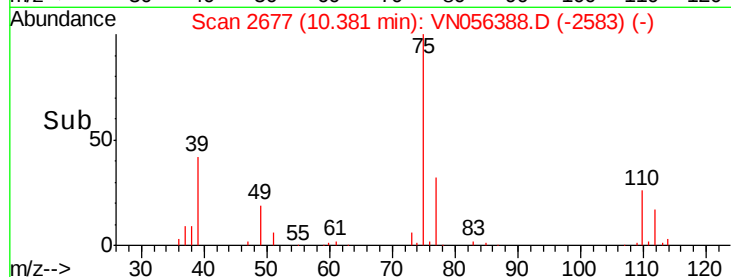
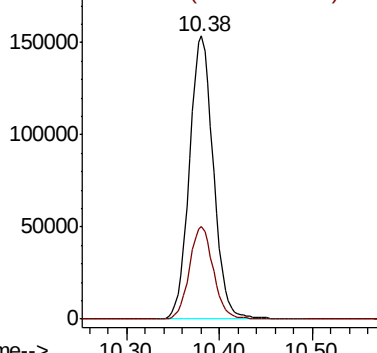
75 100

77 32.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 54.829 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

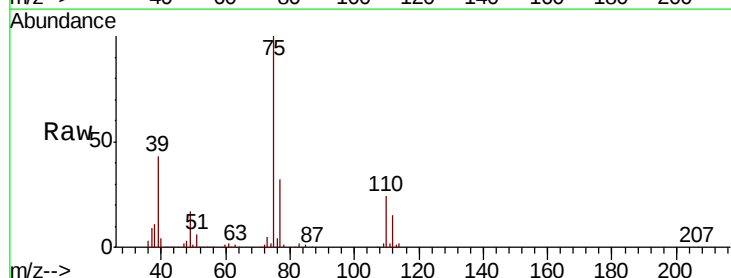
Tgt Ion: 75 Resp: 319977

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

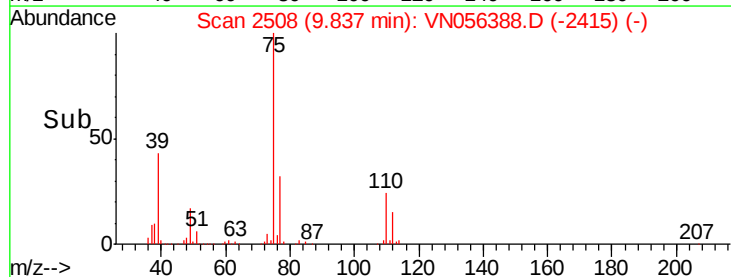
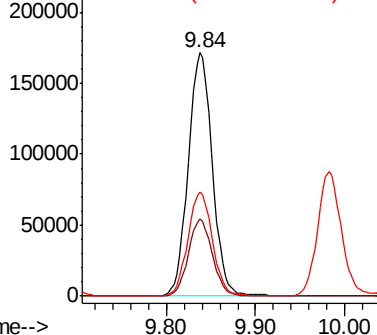
39 42.8 34.2 51.4

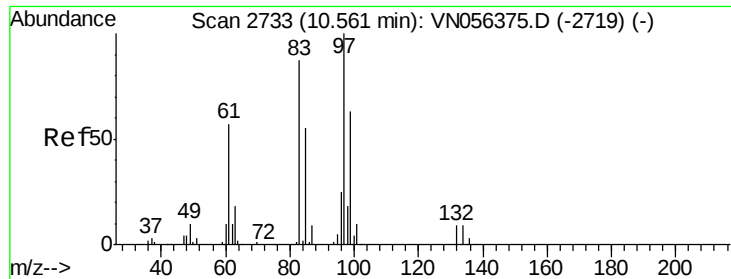


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 51.064 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 204933

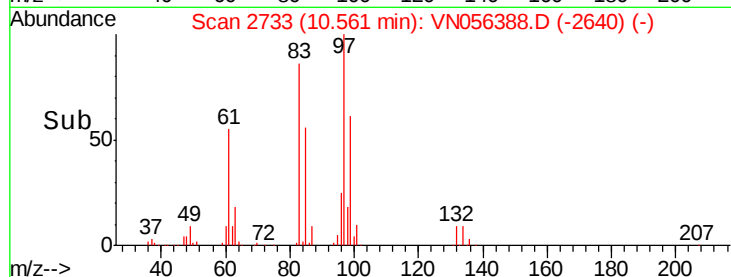
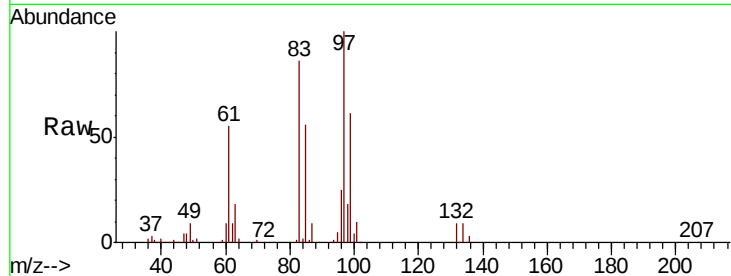
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.8	104.6
85	56.0	43.8	65.8
99	61.2	50.2	75.2

97 100

83 85.7 69.8 104.6

85 56.0 43.8 65.8

99 61.2 50.2 75.2

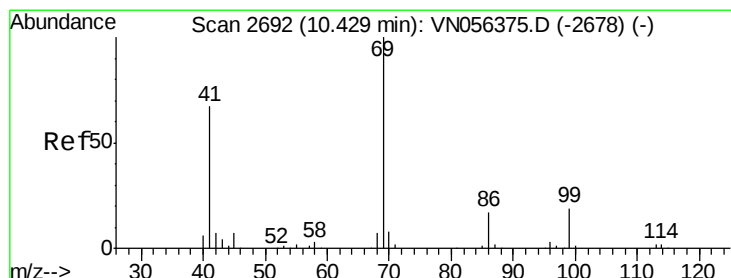
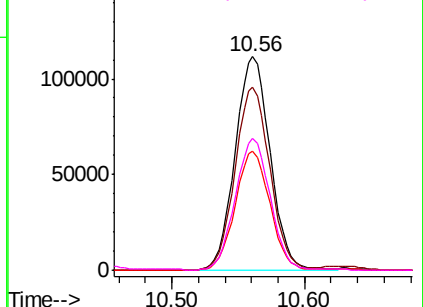


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 53.786 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

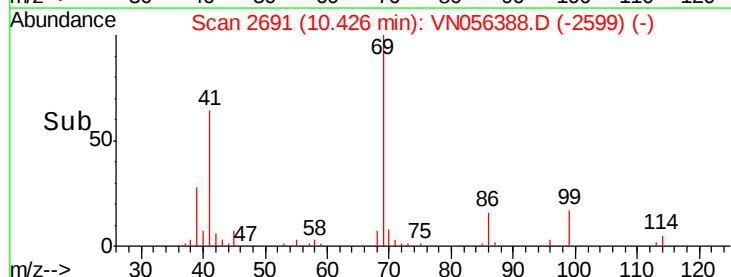
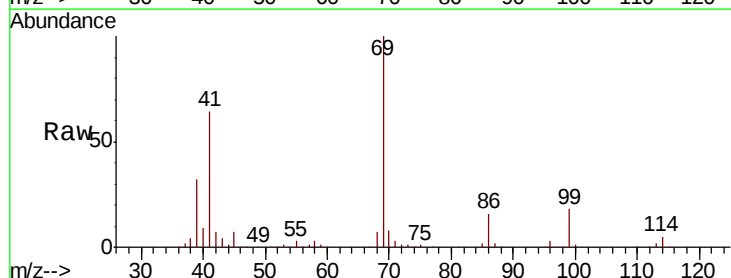
Tgt Ion: 69 Resp: 315458

Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.4	77.2
39	31.8	24.7	37.1

69 100

41 64.4 51.4 77.2

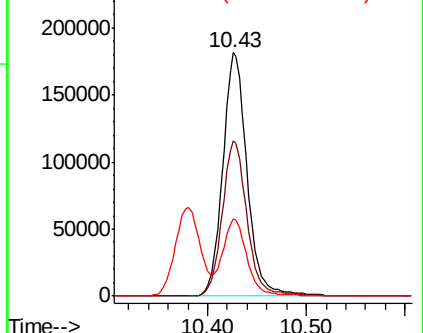
39 31.8 24.7 37.1

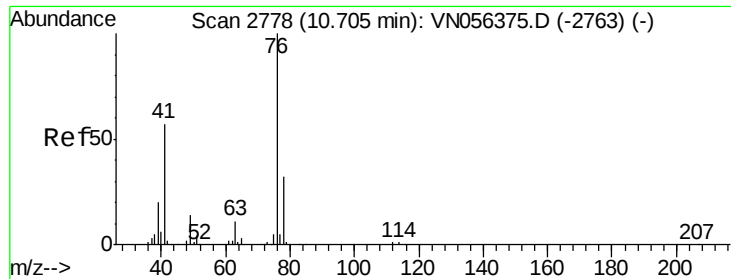


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.561 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

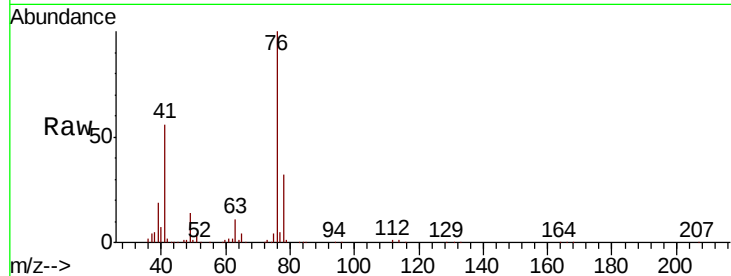
ClientSampled :

Tot Ion: 76 Resp: 340884

Ion Ratio Lower Upper

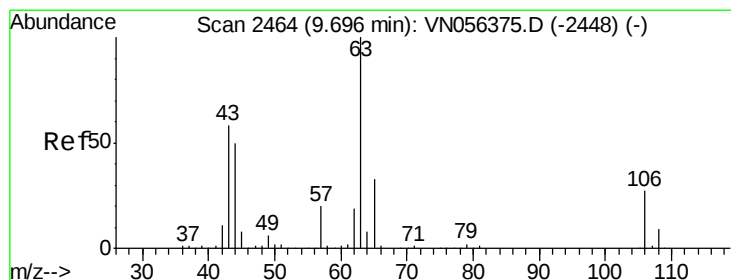
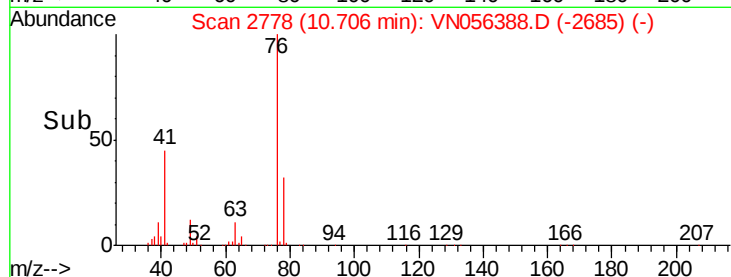
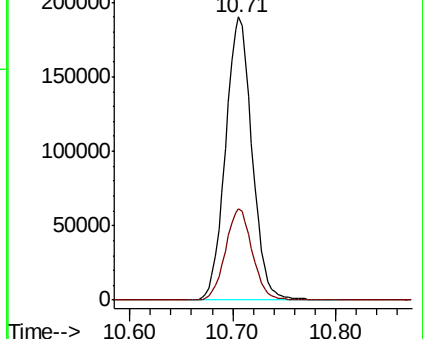
76 100

78 32.6 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 260.841 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056388.D

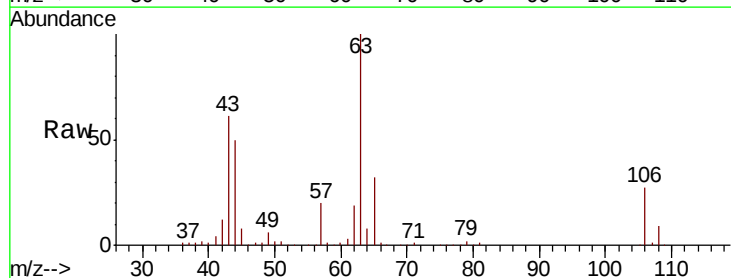
Acq: 20 Jun 2019 9:25

Tgt Ion: 63 Resp: 549605

Ion Ratio Lower Upper

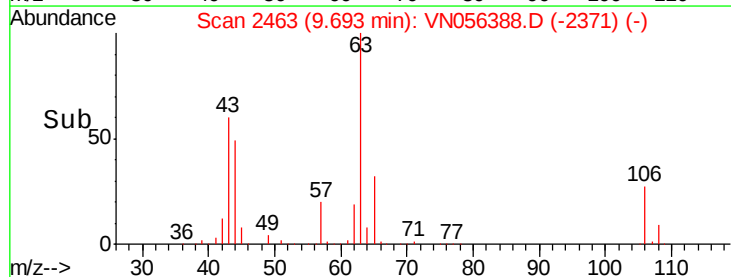
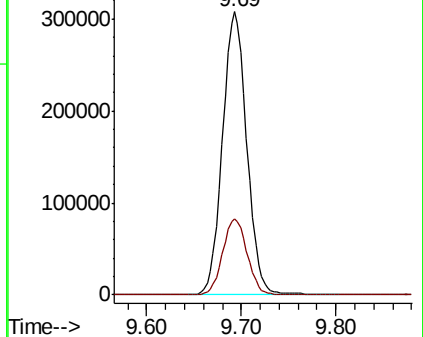
63 100

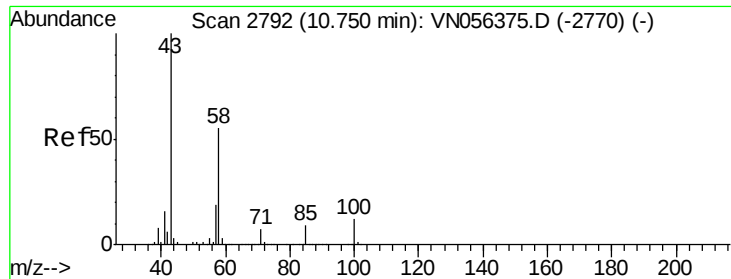
106 26.9 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

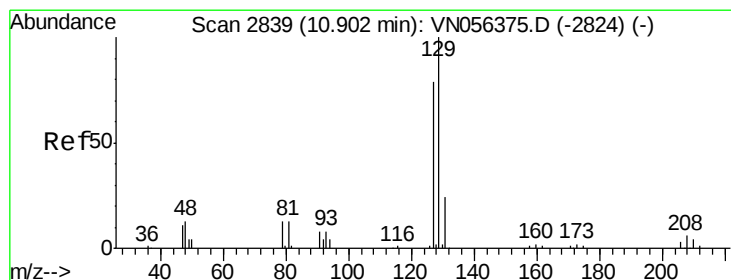
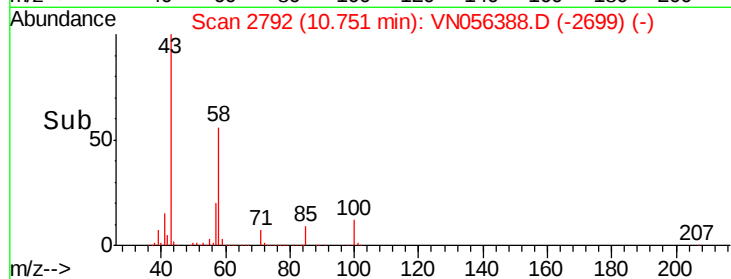
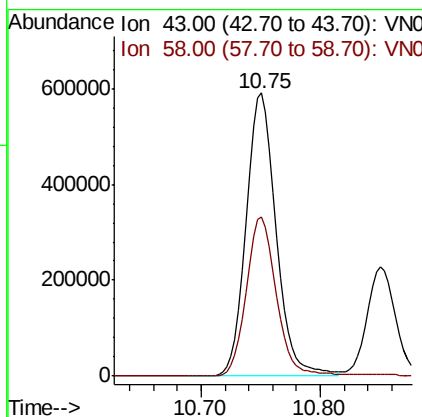
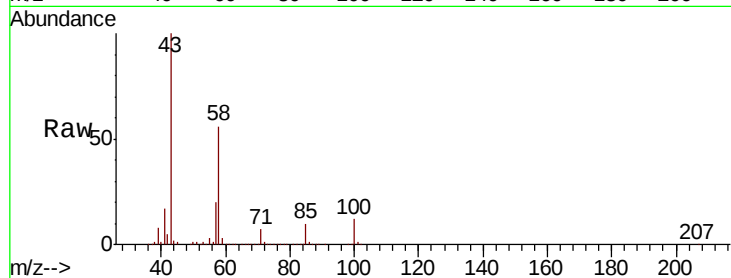




#59
2-Hexanone
Concen: 269.594 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

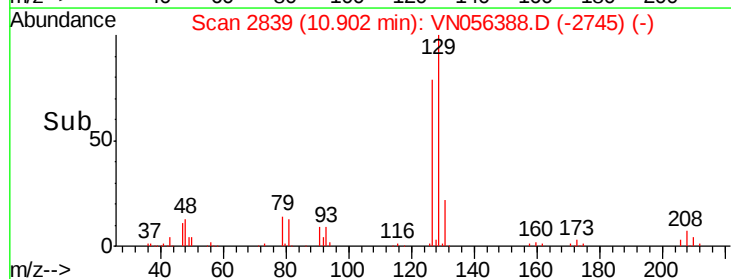
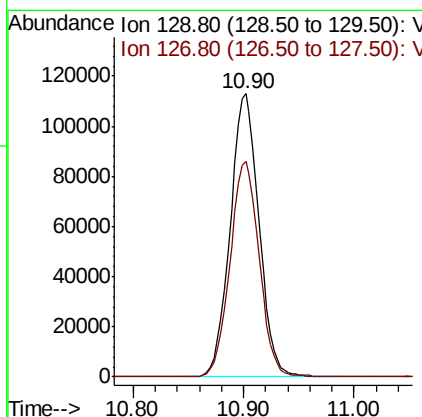
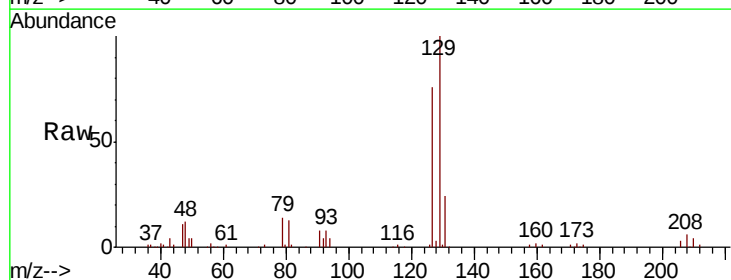
Instrument :
MSVOA_N
ClientSampleId :

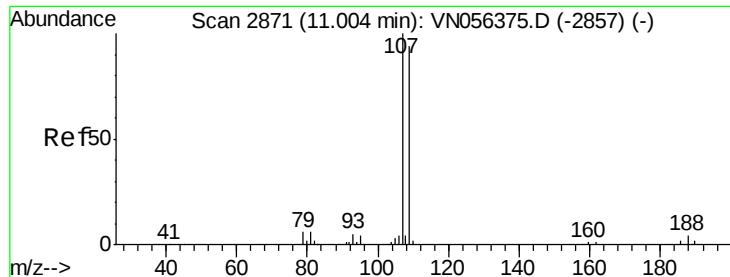
Tot Ion: 43 Resp: 1028893
Ion Ratio Lower Upper
43 100
58 56.5 27.8 83.4



#60
Dibromochloromethane
Concen: 49.503 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 129 Resp: 204102
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.426 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

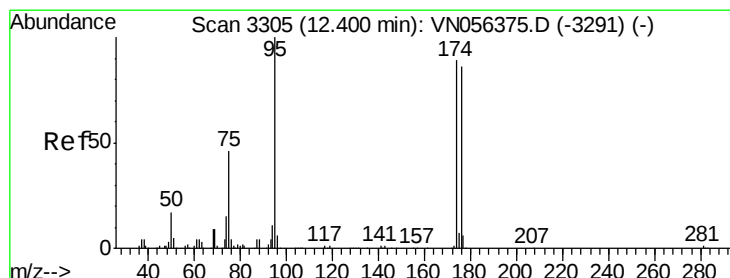
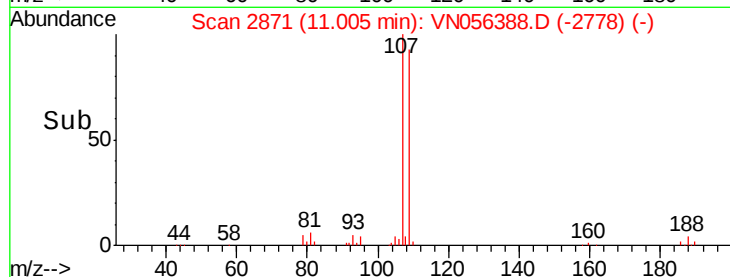
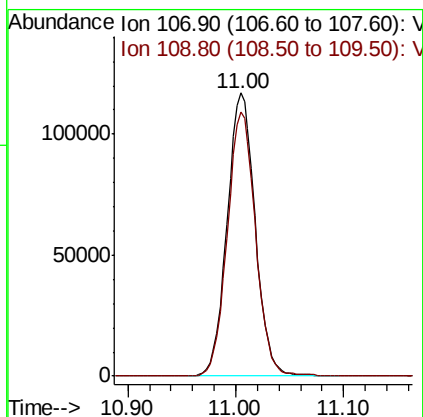
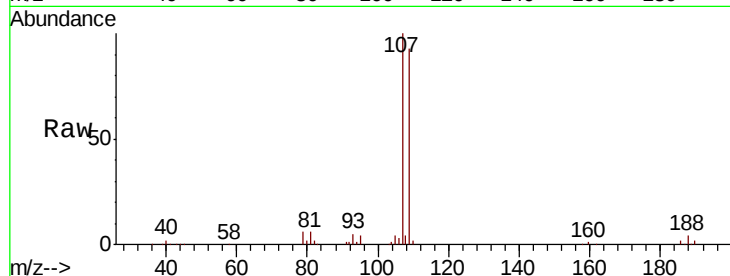
ClientSampled :

Tot Ion: 107 Resp: 210793

Ion Ratio Lower Upper

107 100

109 94.0 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 50.389 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

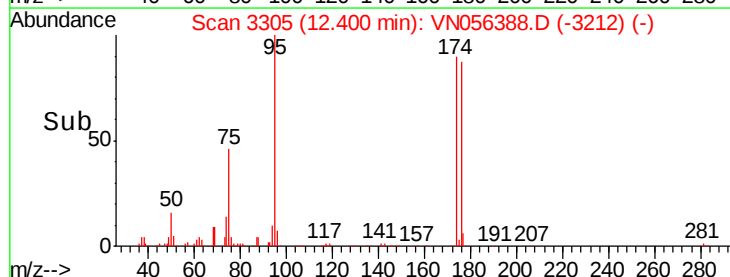
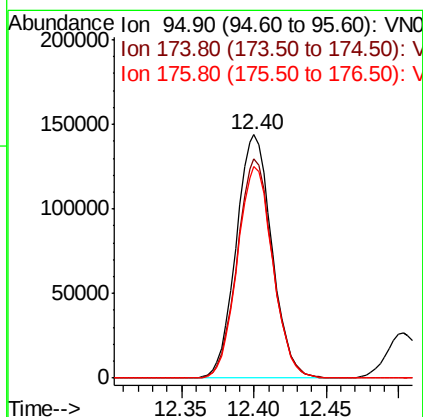
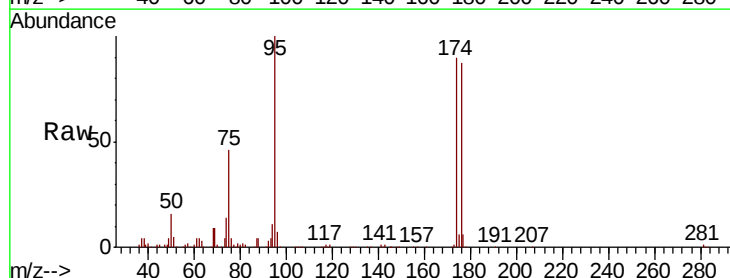
Tgt Ion: 95 Resp: 245944

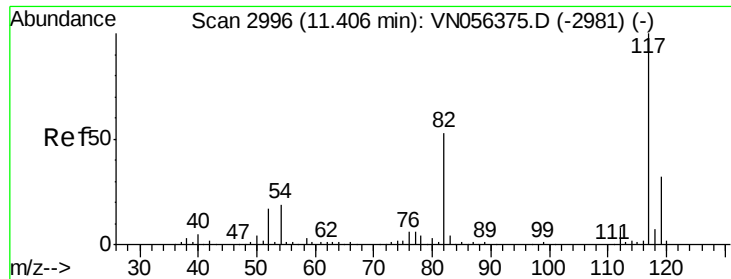
Ion Ratio Lower Upper

95 100

174 89.3 0.0 179.4

176 86.6 0.0 173.4

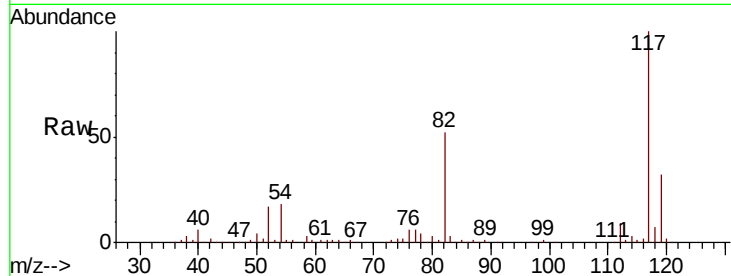




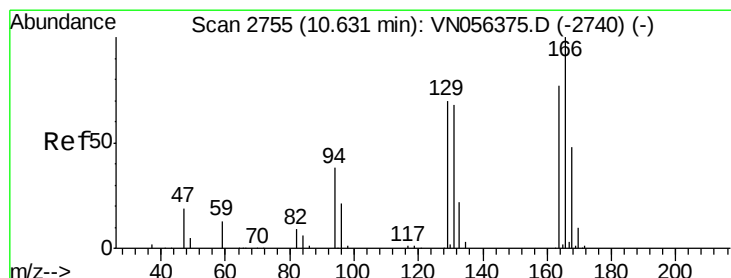
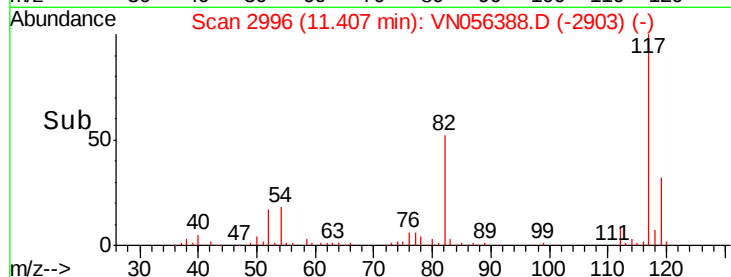
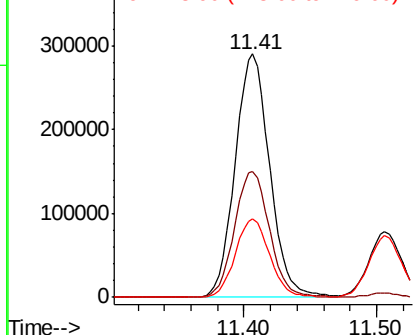
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 525903
Ion Ratio Lower Upper
117 100
82 51.9 42.0 63.0
119 32.1 25.3 37.9

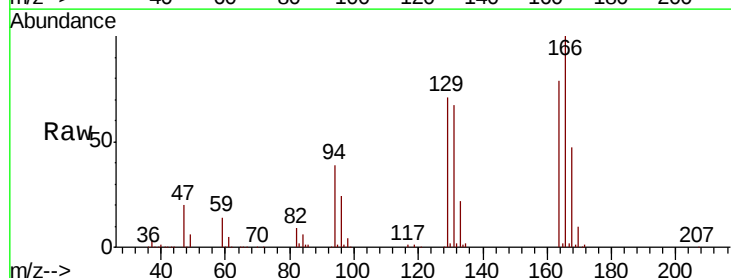


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

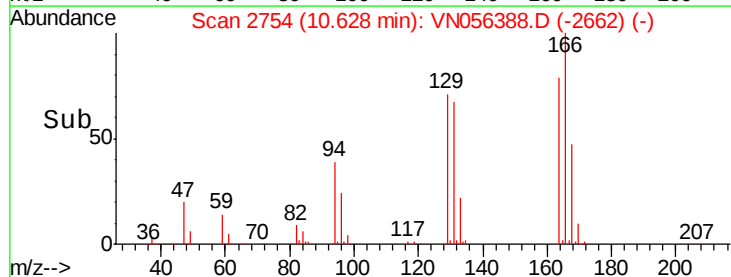
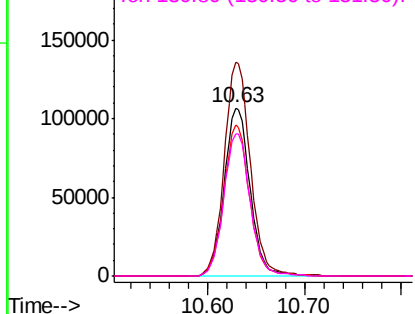


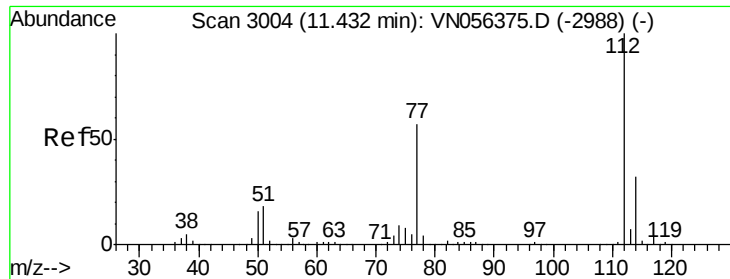
#64
Tetrachloroethene
Concen: 47.617 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion:164 Resp: 198312
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.0
129 90.0 72.0 108.0
131 84.8 70.2 105.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

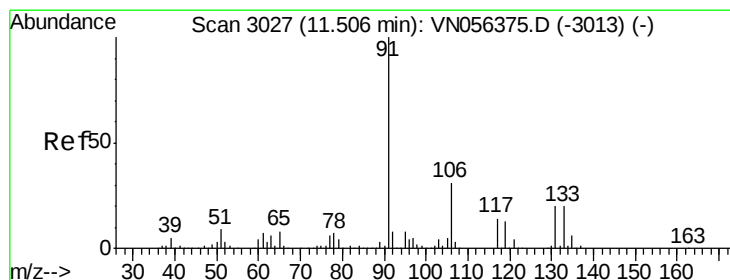
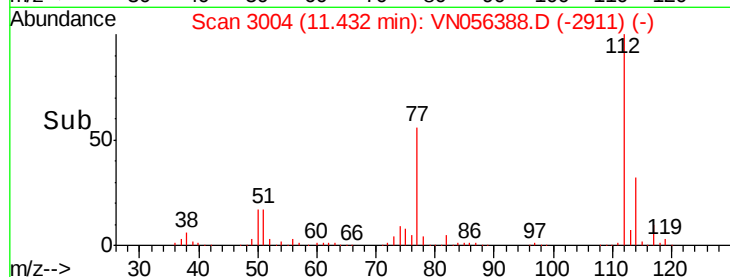
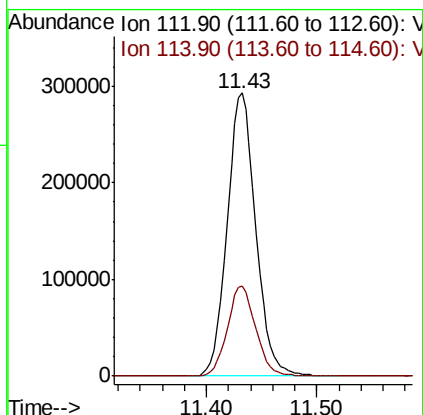
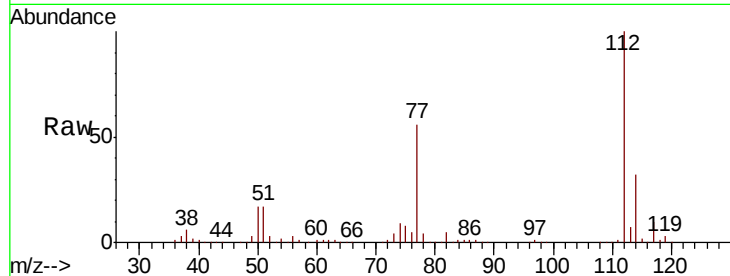




#65
Chlorobenzene
Concen: 49.717 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

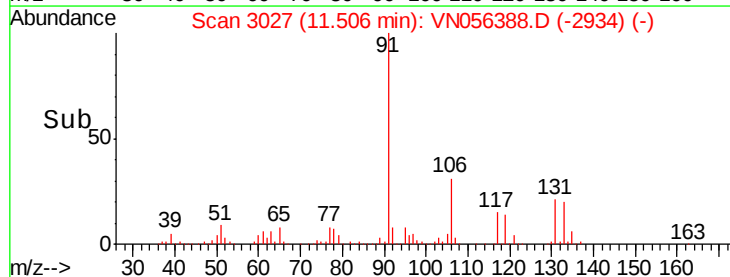
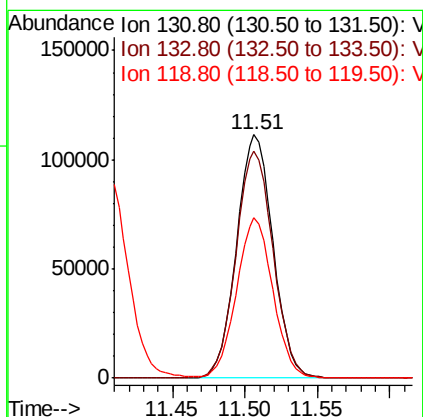
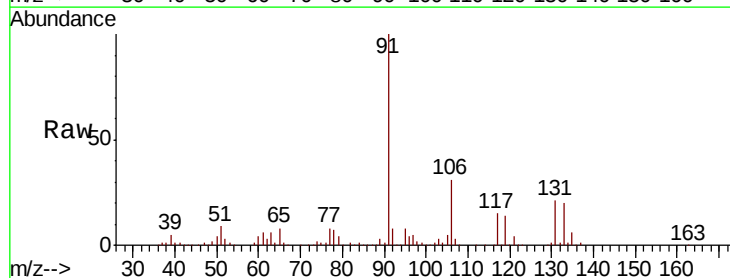
Instrument :
MSVOA_N
ClientSampleId :

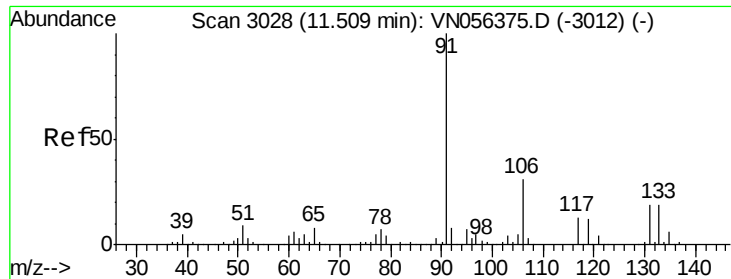
Tot Ion:112 Resp: 525379
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.368 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion:131 Resp: 194175
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 65.6 32.8 98.4

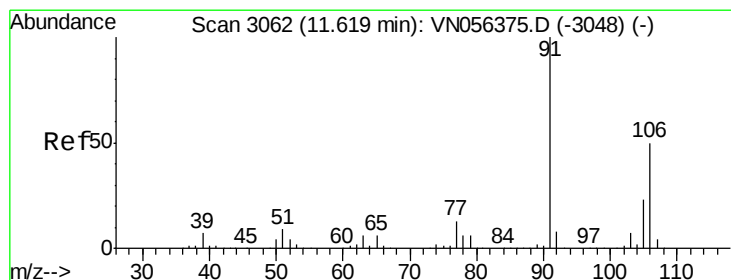
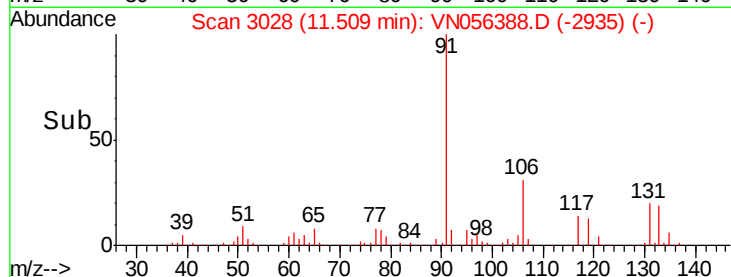
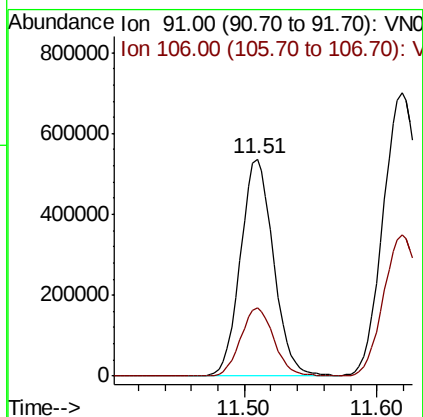
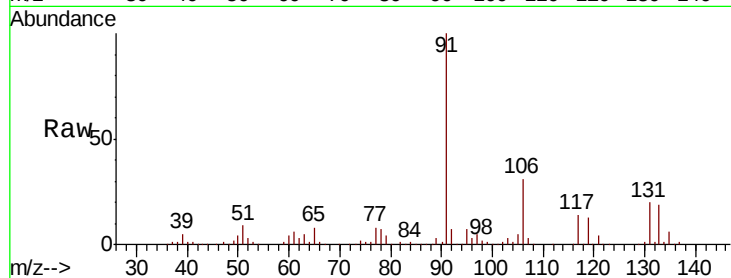




#67
Ethyl Benzene
Concen: 50.010 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

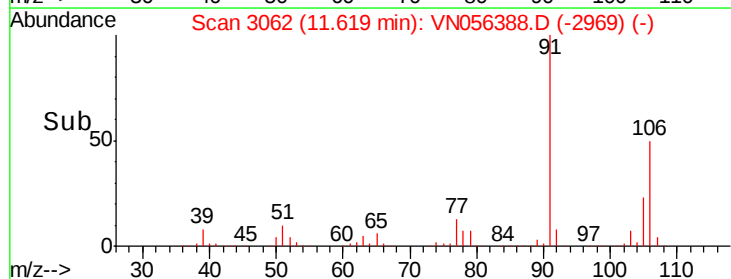
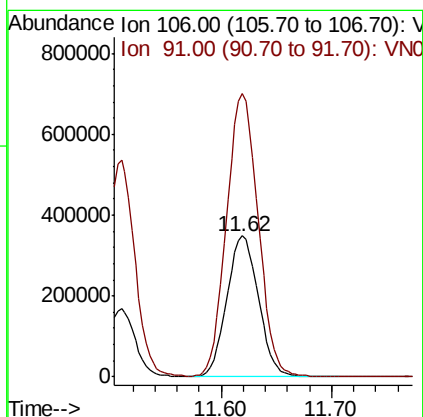
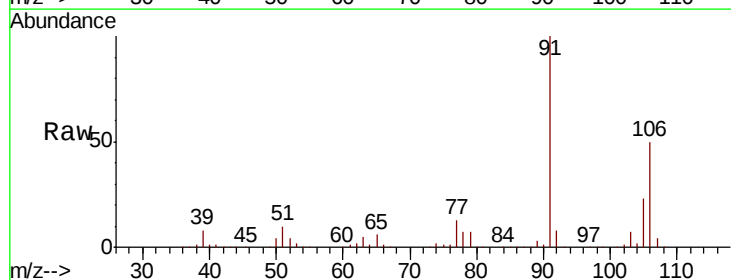
Instrument :
MSVOA_N
ClientSampleId :

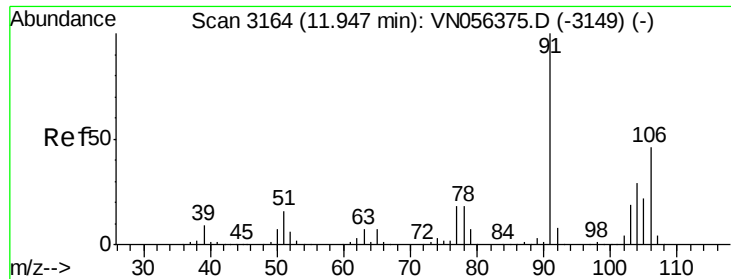
Tot Ion: 91 Resp: 927924
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 102.180 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion: 106 Resp: 694810
Ion Ratio Lower Upper
106 100
91 200.9 160.1 240.1

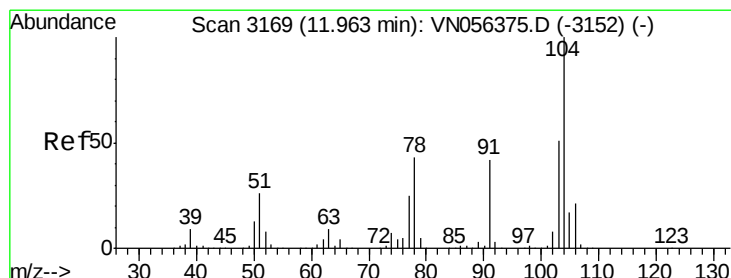
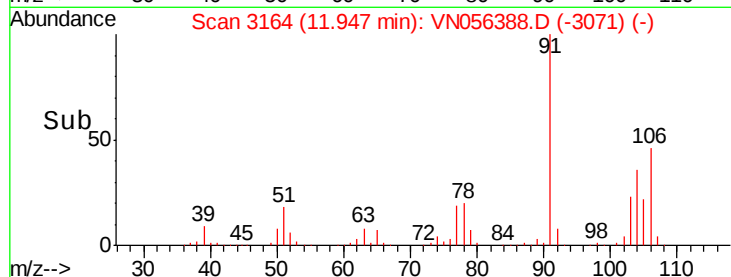
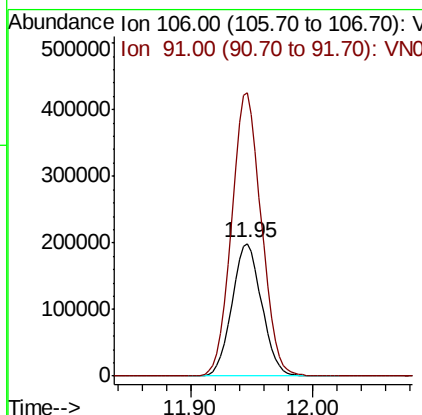
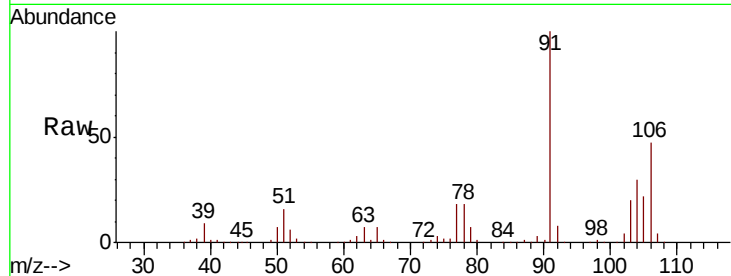




#69
o-Xylene
Concen: 50.219 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

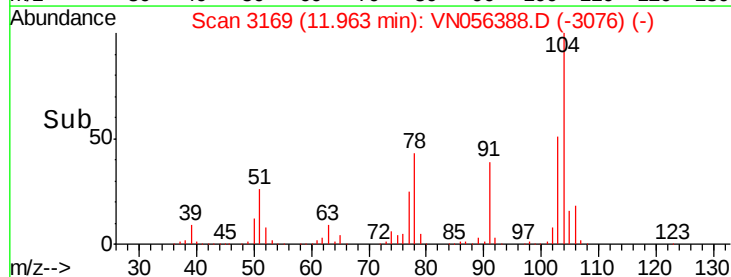
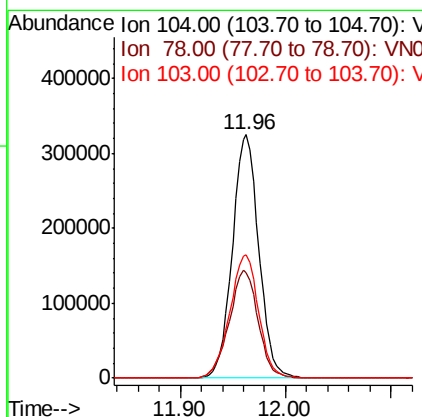
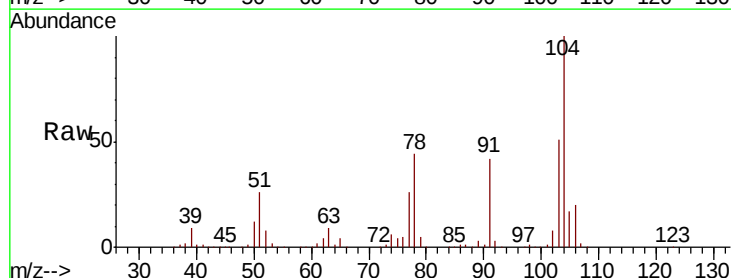
Instrument :
MSVOA_N
ClientSampled :

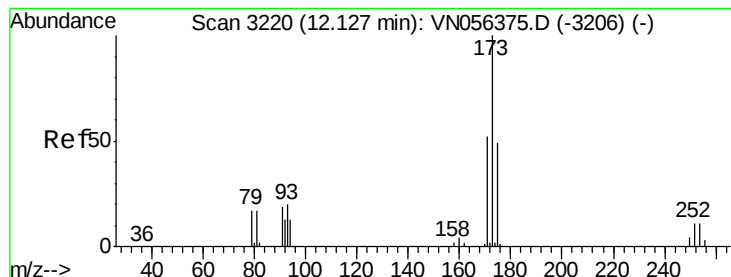
Tot Ion:106 Resp: 337840
Ion Ratio Lower Upper
106 100
91 212.9 107.1 321.3



#70
Styrene
Concen: 52.313 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056388.D
Acq: 20 Jun 2019 9:25

Tgt Ion:104 Resp: 562534
Ion Ratio Lower Upper
104 100
78 48.4 38.6 57.8
103 55.4 43.9 65.9





#71

Bromoform

Concen: 51.031 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

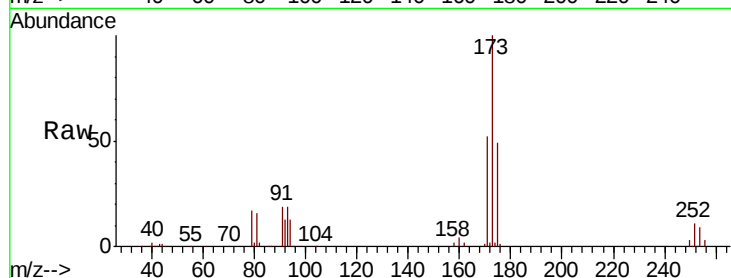
Tot Ion:173 Resp: 147231

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.4

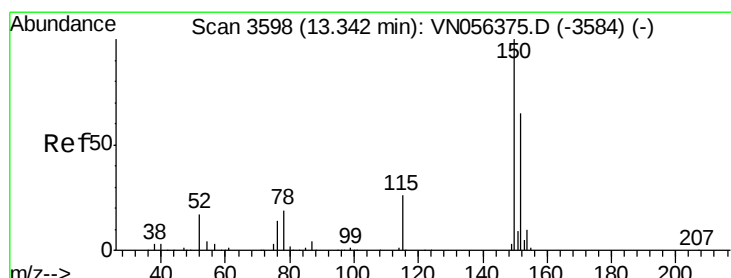
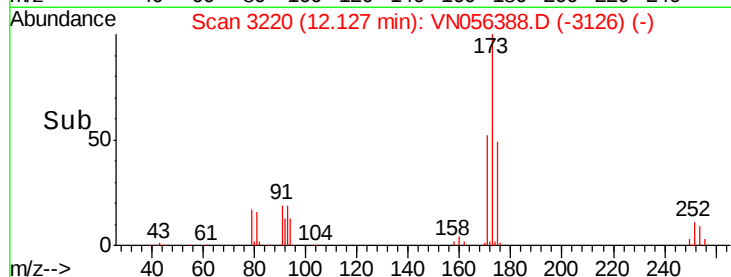
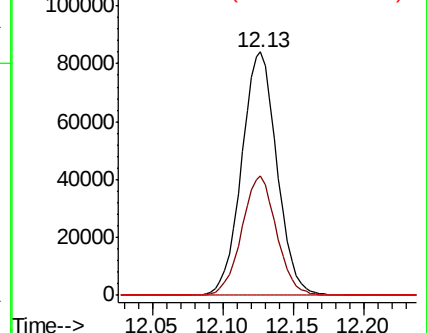
254 0.0 0.0 0.0



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: VN056388.D

Acq: 20 Jun 2019 9:25

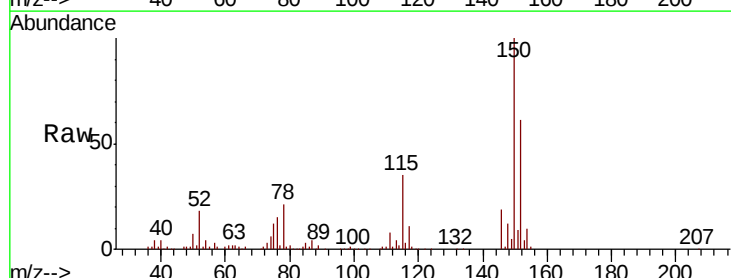
Tgt Ion:152 Resp: 223482

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.4

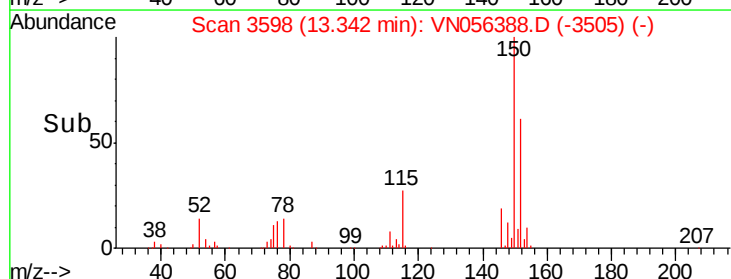
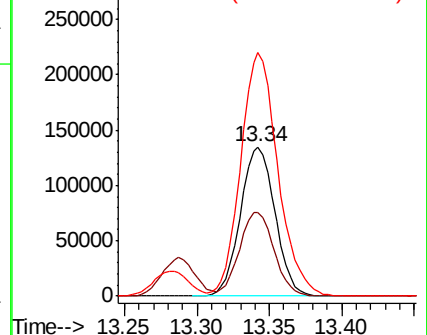
150 175.1 0.0 348.4

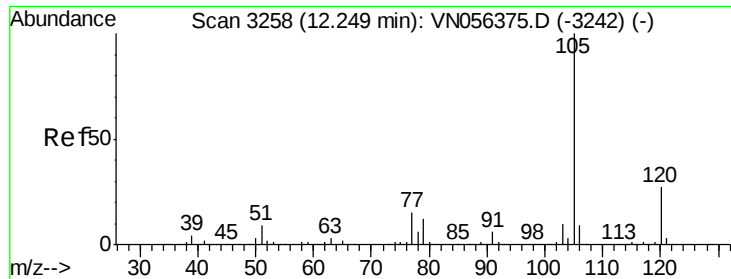


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.103 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

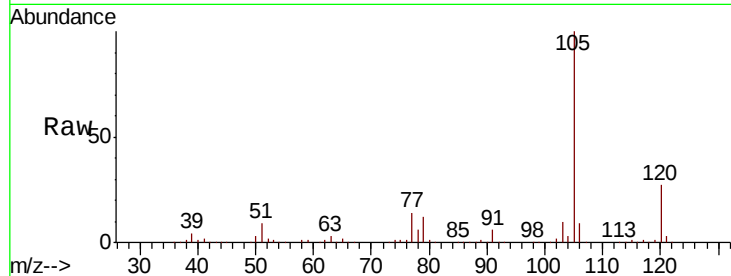
ClientSampleId :

Tot Ion:105 Resp: 904457

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

600000

500000

400000

300000

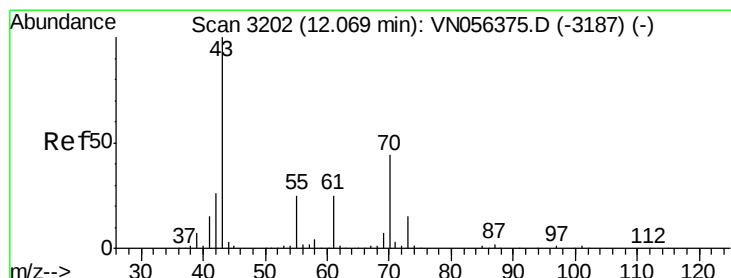
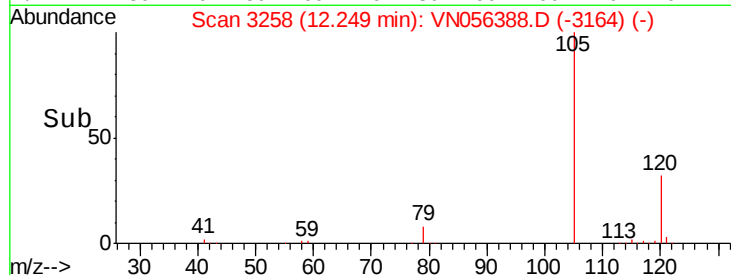
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 48.371 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Tgt Ion: 43 Resp: 344037

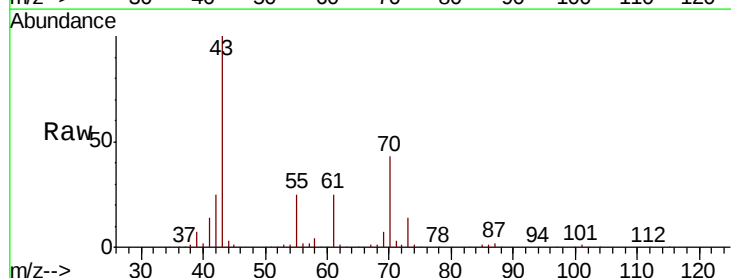
Ion Ratio Lower Upper

43 100

70 43.2 34.9 52.3

55 25.0 20.4 30.6

61 24.9 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

300000

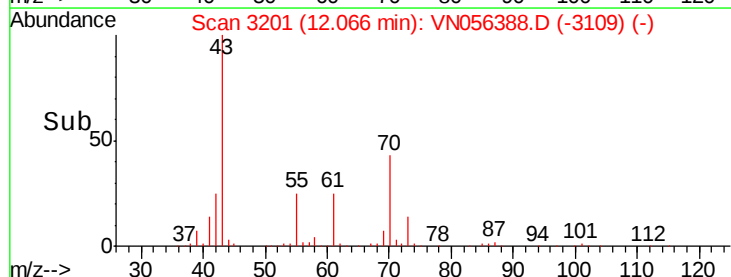
200000

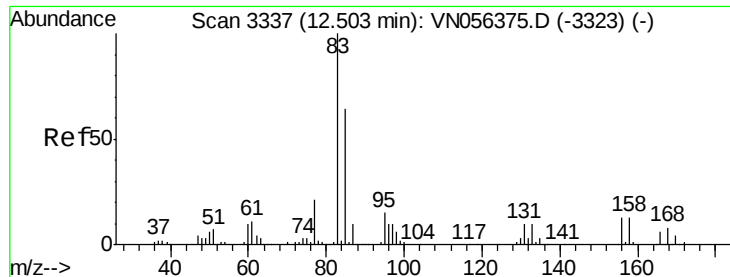
100000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 56.883 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

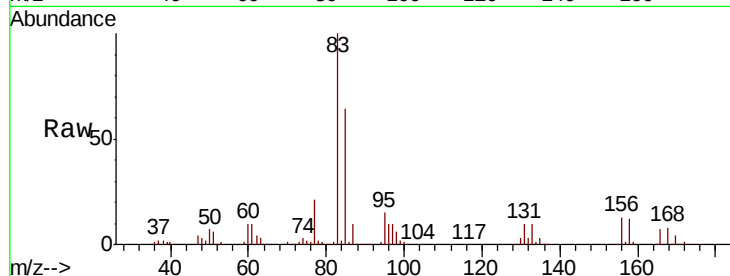
Tot Ion: 83 Resp: 293395

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

85 64.9 32.4 97.0

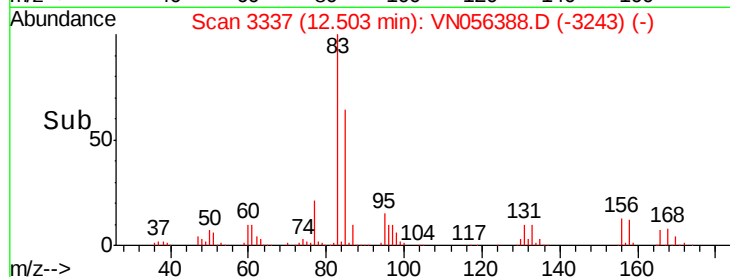


Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-3323) (-)

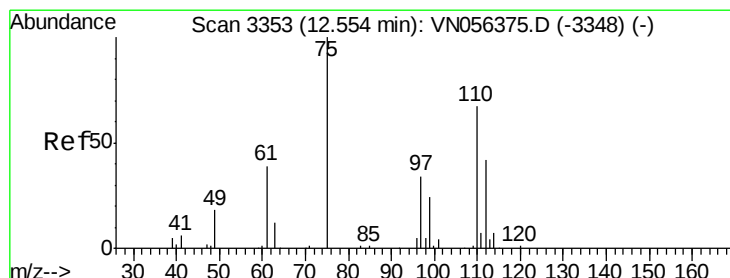
Ion 130.80 (130.50 to 131.50): VN056375.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN056375.D (-3323) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 74.242 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056388.D

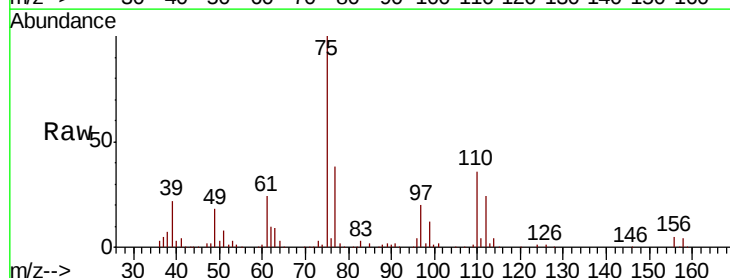
Acq: 20 Jun 2019 9:25

Tgt Ion: 75 Resp: 344035

Ion Ratio Lower Upper

75 100

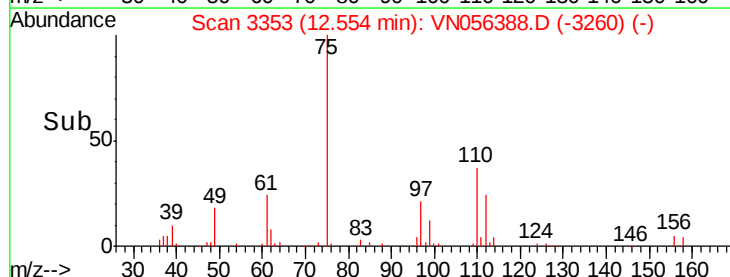
77 0.0 0.0 0.0



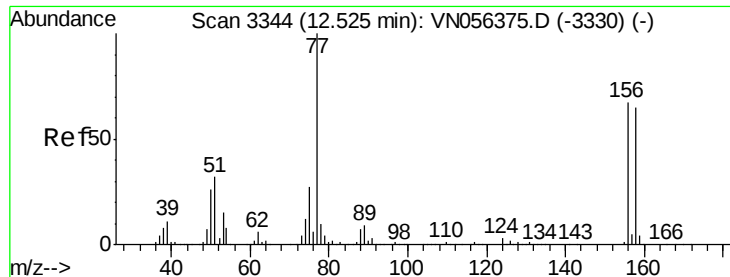
Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN056375.D (-3348) (-)

Time-->



Time-->



#77

Bromobenzene

Concen: 46.310 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampled :

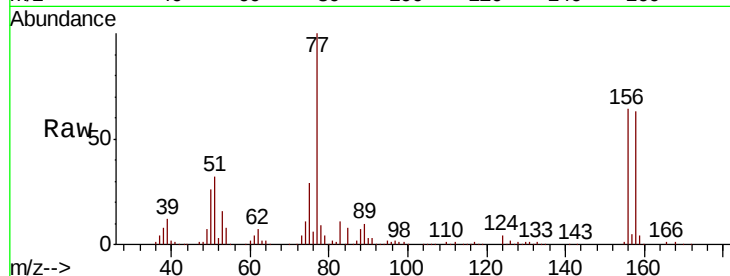
Tot Ion:156 Resp: 231413

Ion Ratio Lower Upper

156 100

77 189.2 92.5 277.3

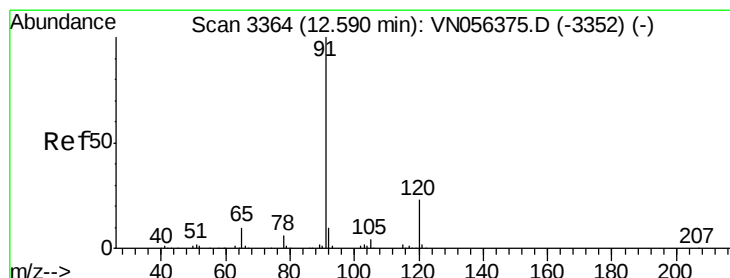
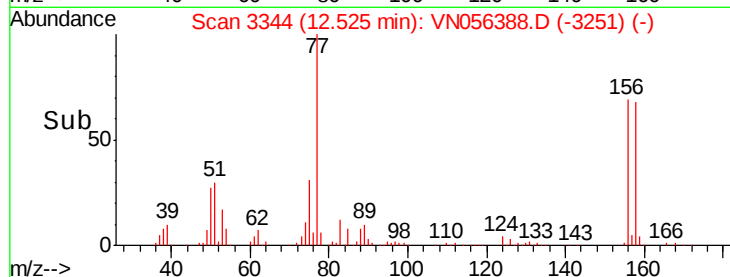
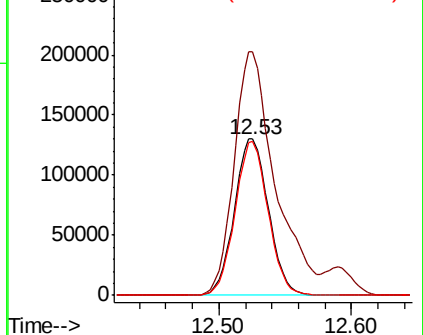
158 95.6 48.7 146.1



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: 48.269 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056388.D

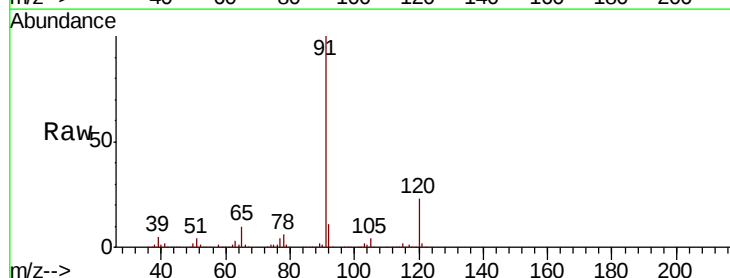
Acq: 20 Jun 2019 9:25

Tgt Ion: 91 Resp: 987850

Ion Ratio Lower Upper

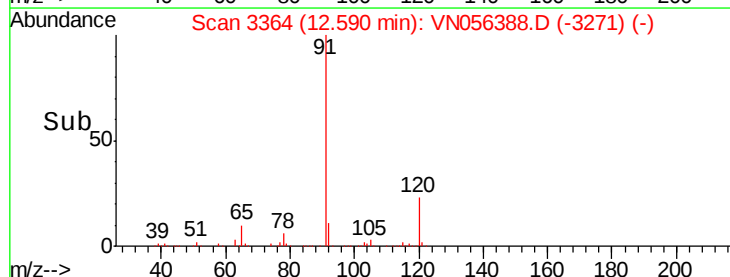
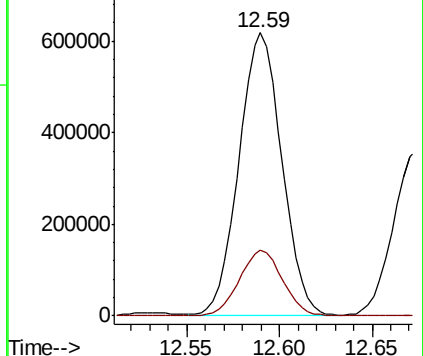
91 100

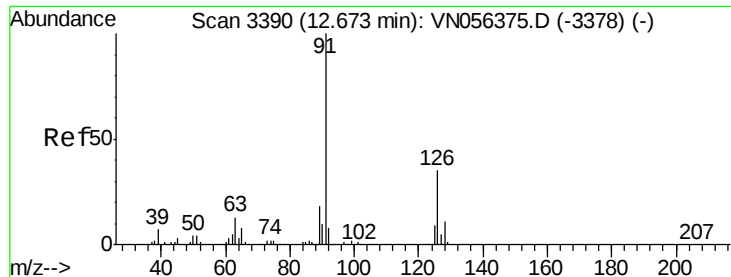
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.001 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

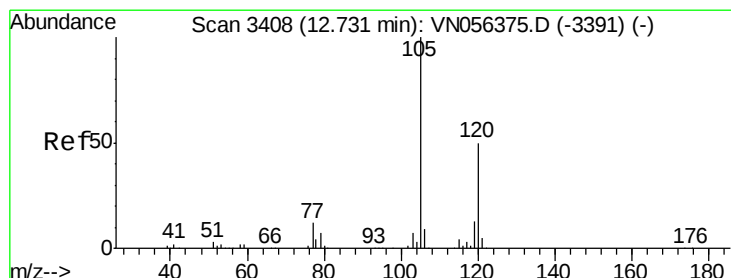
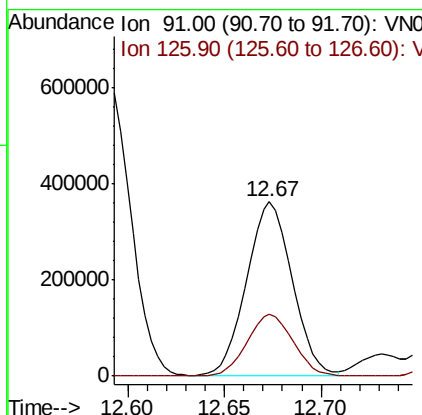
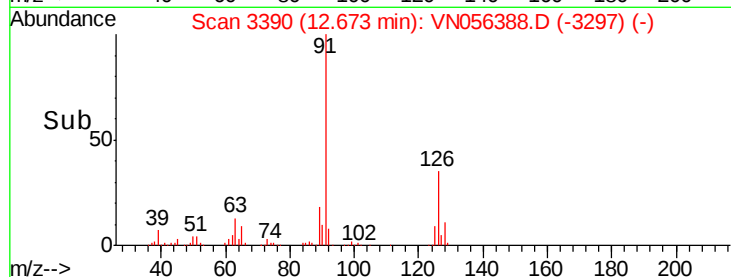
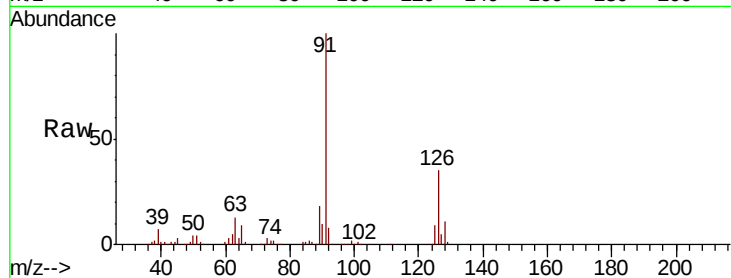
ClientSampleId :

Tot Ion: 91 Resp: 593073

Ion Ratio Lower Upper

91 100

126 35.8 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 52.973 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056388.D

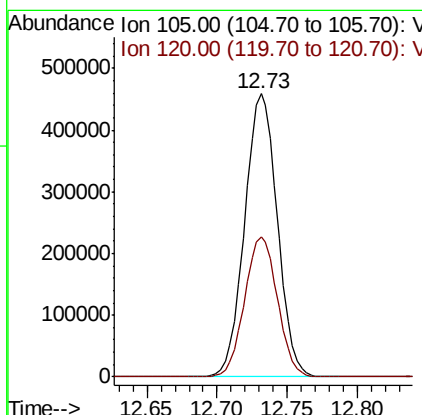
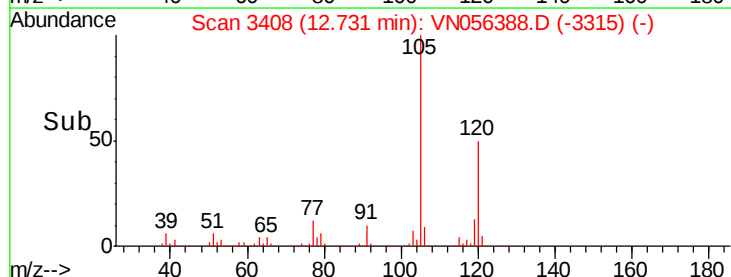
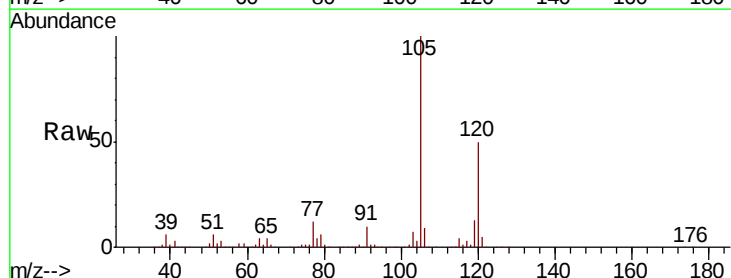
Acq: 20 Jun 2019 9:25

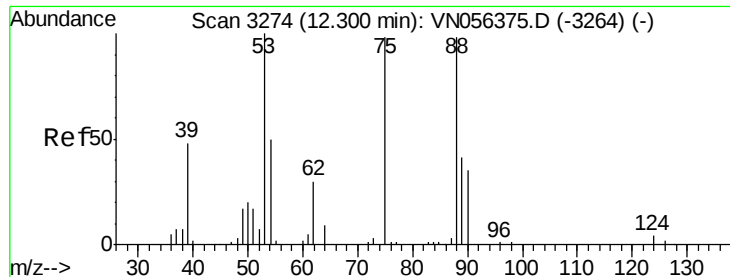
Tgt Ion: 105 Resp: 743155

Ion Ratio Lower Upper

105 100

120 49.8 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 57.887 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

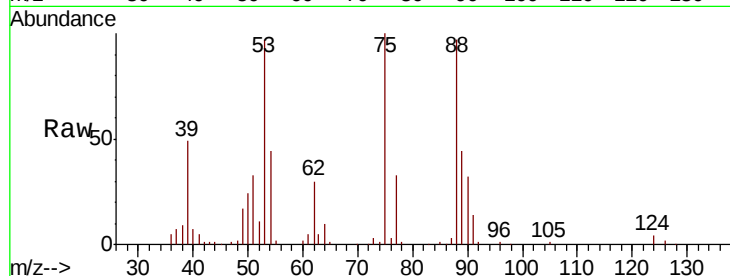
Tot Ion: 75 Resp: 75474

Ion Ratio Lower Upper

75 100

53 96.2 83.9 125.9

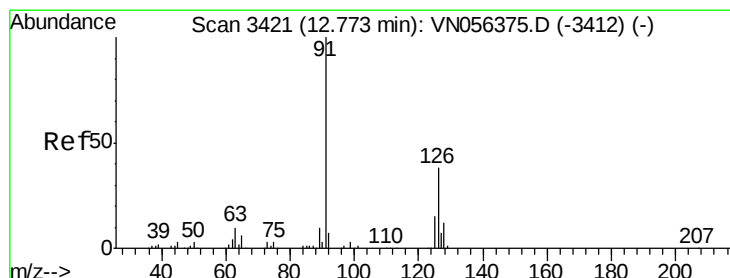
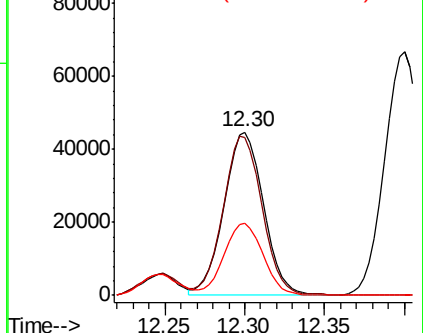
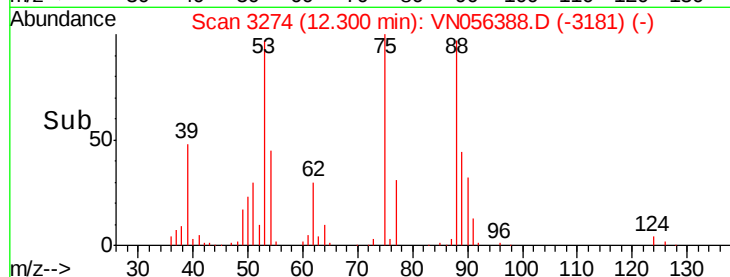
89 43.7 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.602 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056388.D

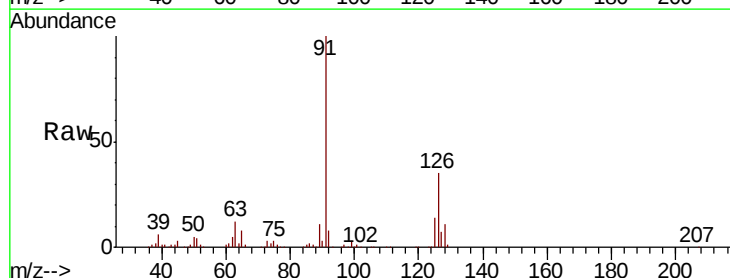
Acq: 20 Jun 2019 9:25

Tgt Ion: 91 Resp: 575215

Ion Ratio Lower Upper

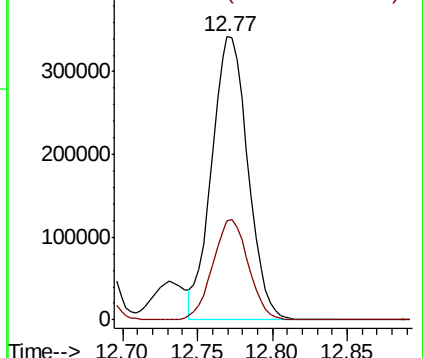
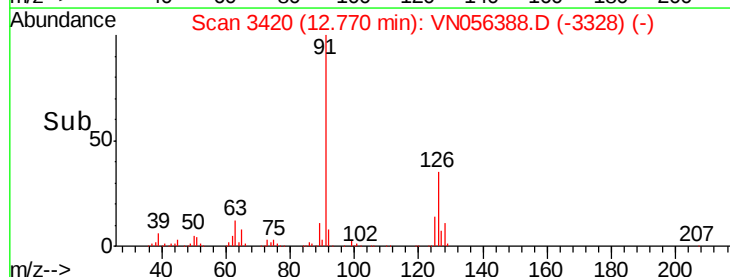
91 100

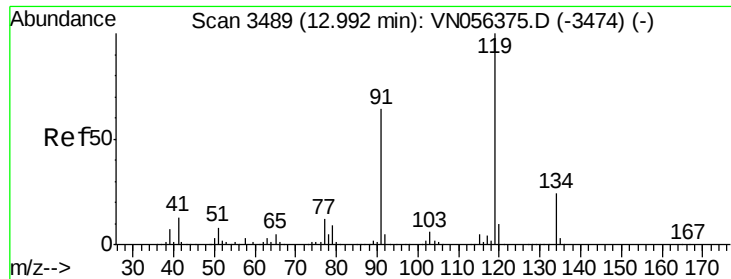
126 34.9 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

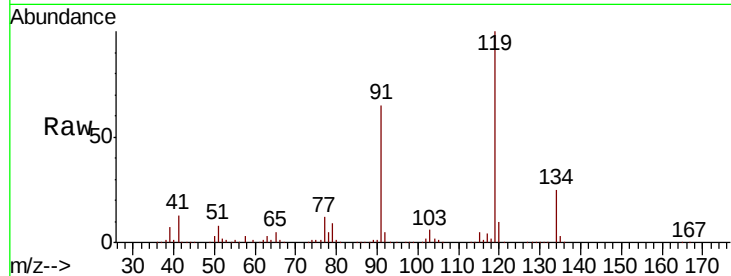




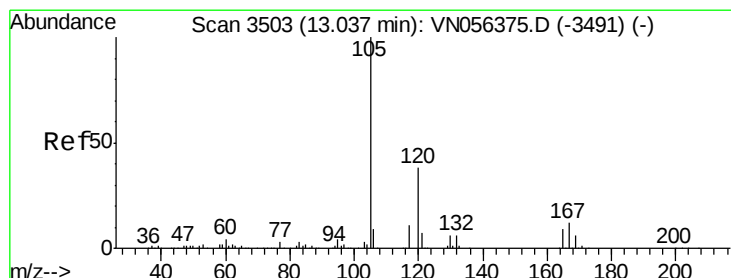
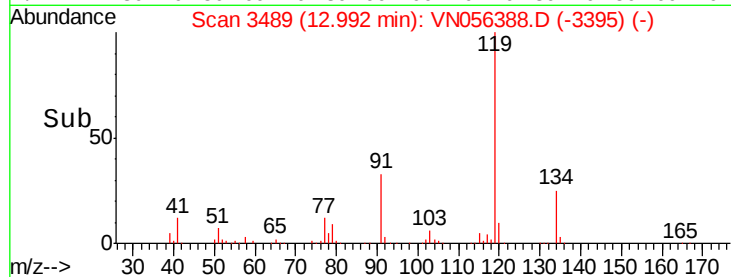
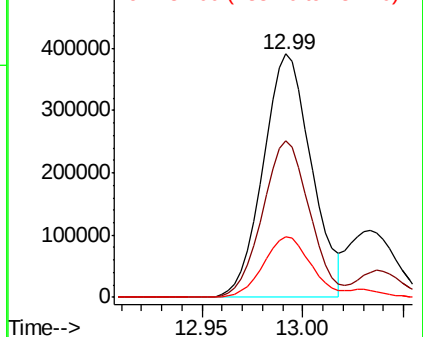
#83
 tert-Butylbenzene
 Concen: 53.226 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 650132
 Ion Ratio Lower Upper
 119 100
 91 62.8 31.6 94.7
 134 24.6 13.2 39.5

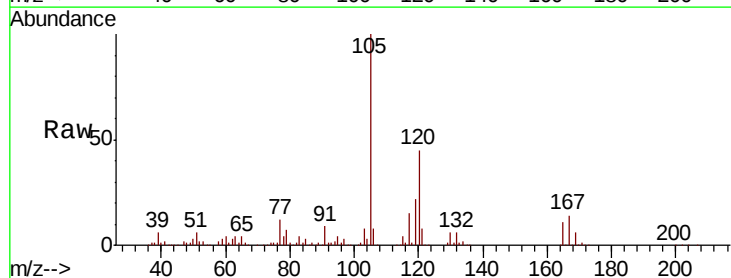


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

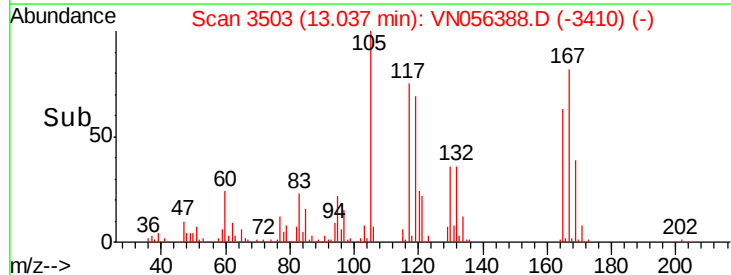
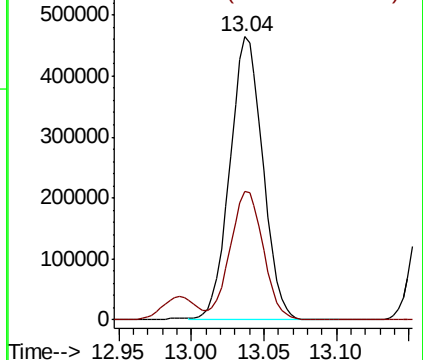


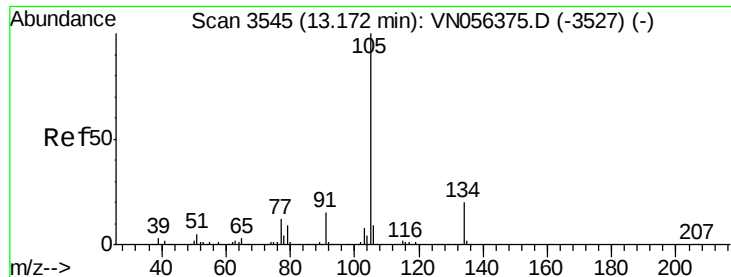
#84
 1,2,4-Trimethylbenzene
 Concen: 48.537 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion:105 Resp: 730226
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 47.304 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

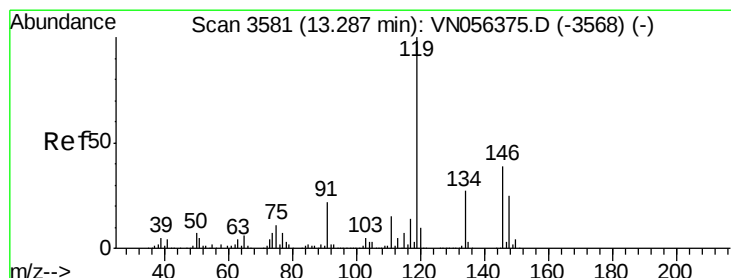
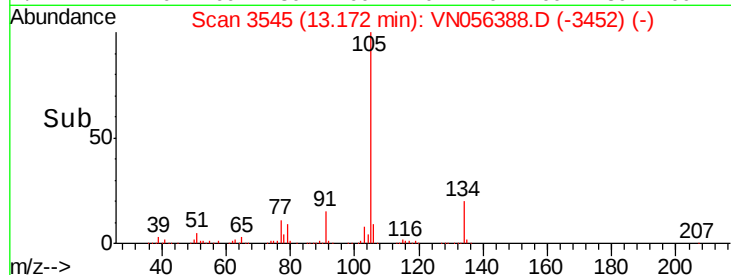
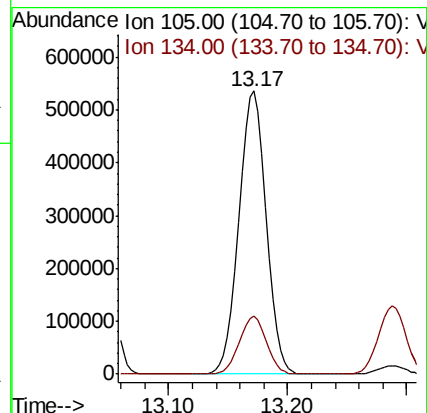
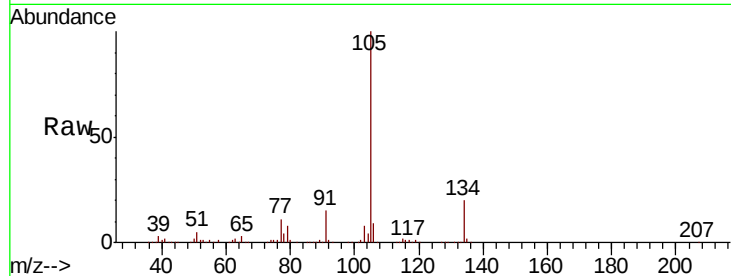
ClientSampled :

Tot Ion:105 Resp: 850898

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 49.115 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

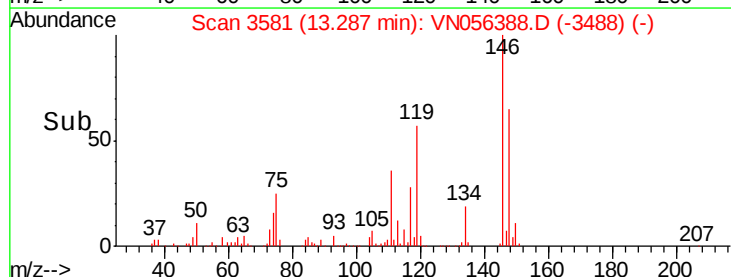
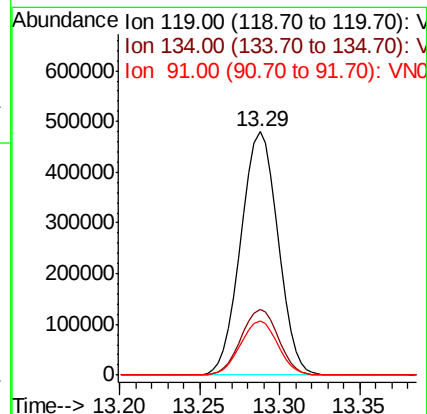
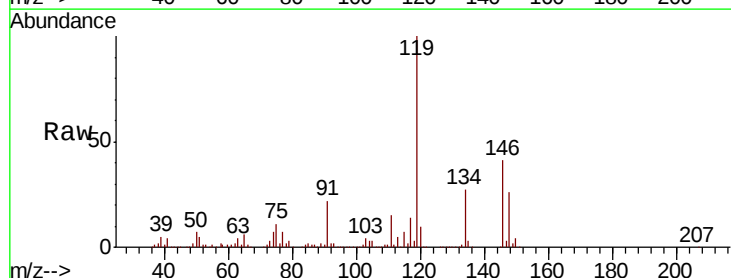
Tgt Ion:119 Resp: 758211

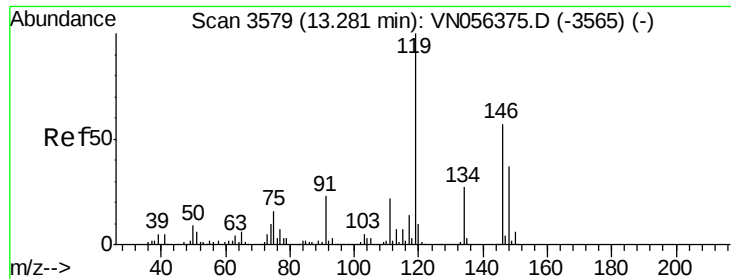
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 22.2 11.2 33.5

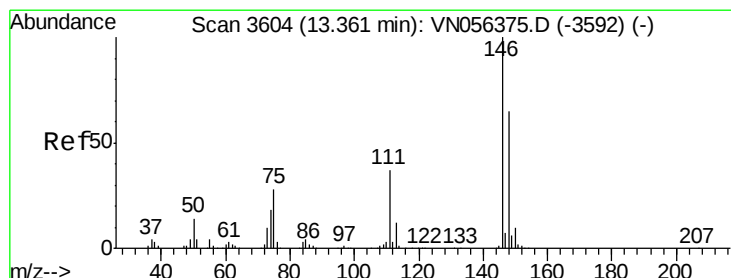
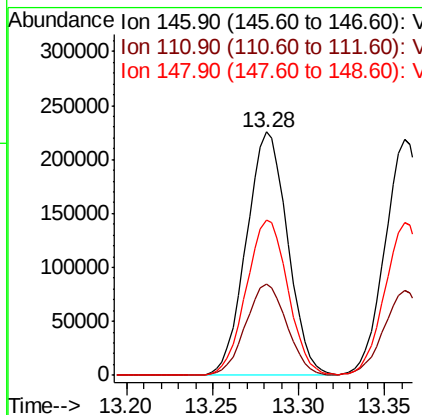
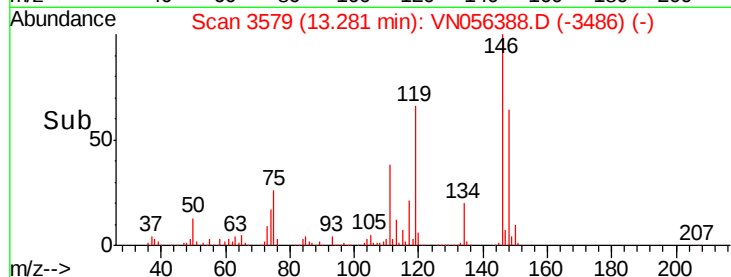
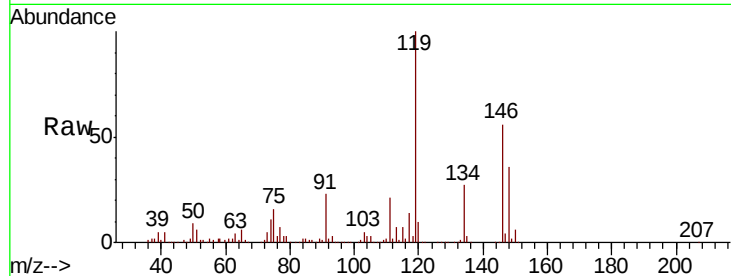




#87
 1,3-Dichlorobenzene
 Concen: 49.561 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

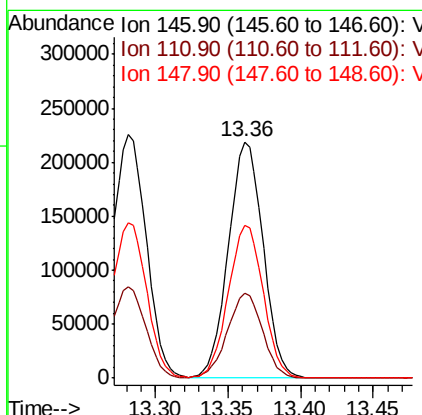
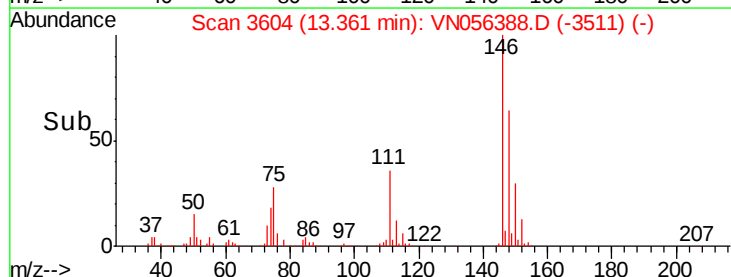
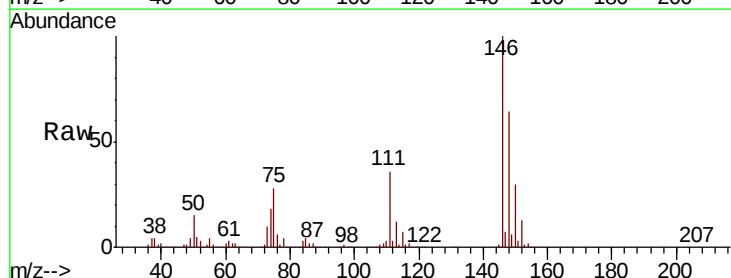
Instrument :
 MSVOA_N
 ClientSampleId :

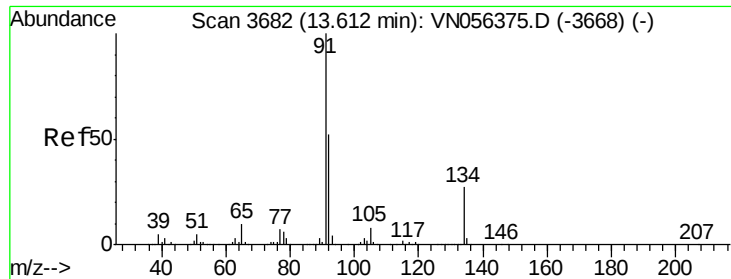
Tot Ion:146 Resp: 375320
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 64.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.558 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion:146 Resp: 363468
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.4 55.4
 148 64.9 32.4 97.0





#89

n-Butylbenzene

Concen: 51.693 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampled :

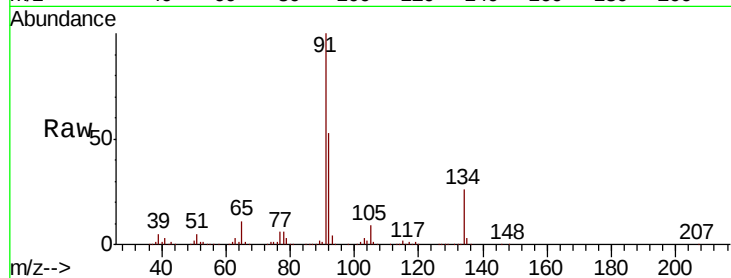
Tot Ion: 91 Resp: 604108

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

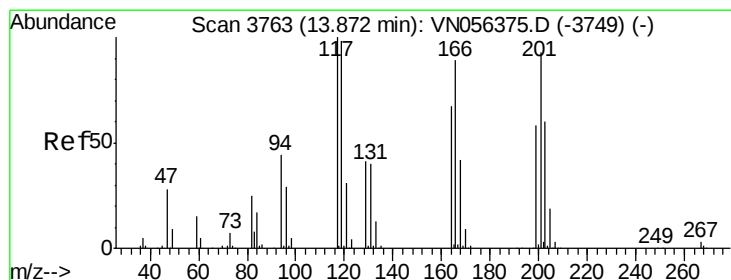
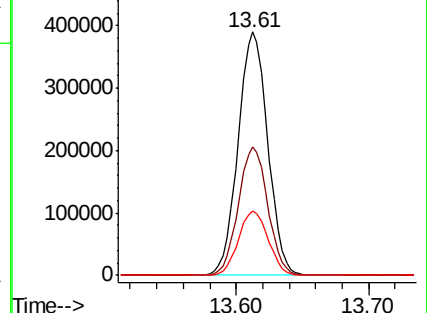
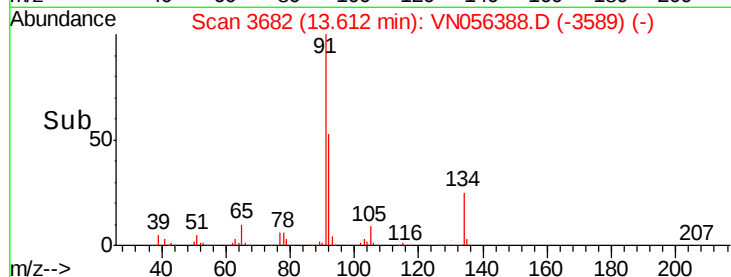
134 26.7 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056375.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3668) (-)



#90

Hexachloroethane

Concen: 51.302 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056388.D

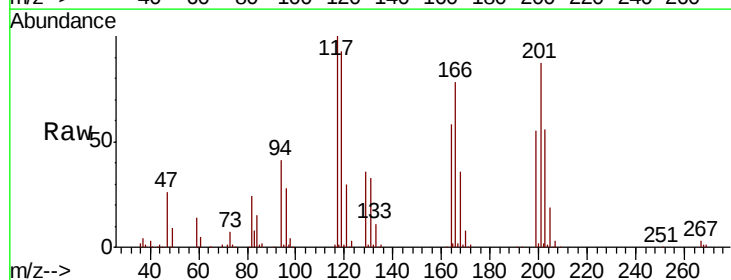
Acq: 20 Jun 2019 9:25

Tgt Ion: 117 Resp: 123472

Ion Ratio Lower Upper

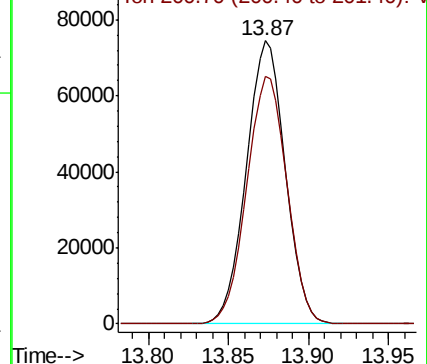
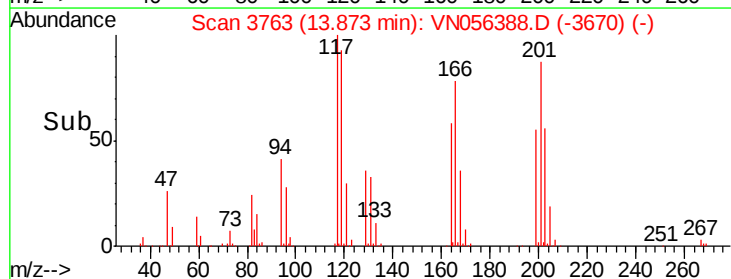
117 100

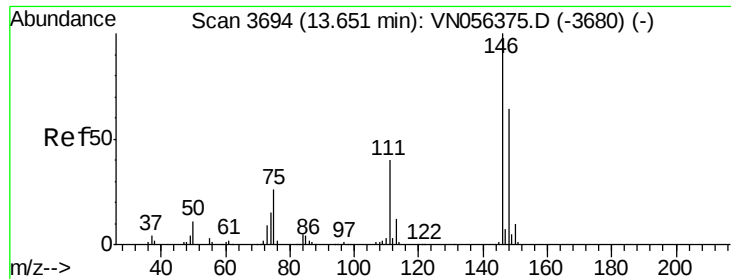
201 90.1 45.9 137.6



Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056375.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 49.760 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

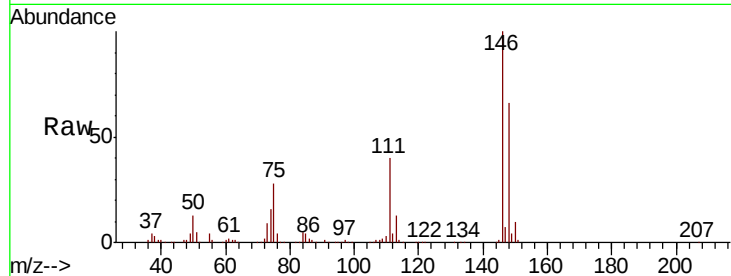
Tot Ion:146 Resp: 373863

Ion Ratio Lower Upper

146 100

111 39.5 19.3 57.9

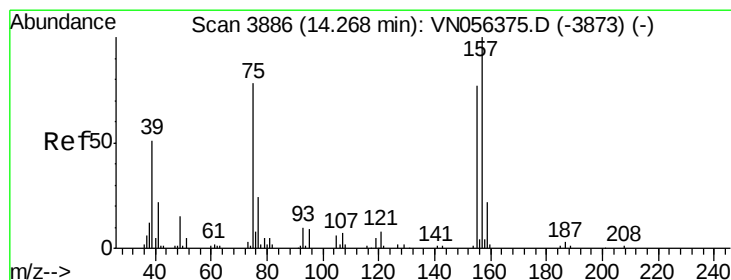
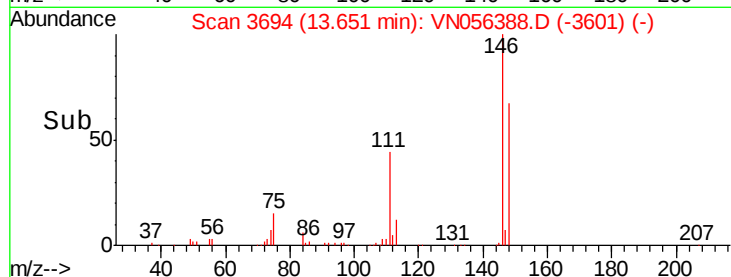
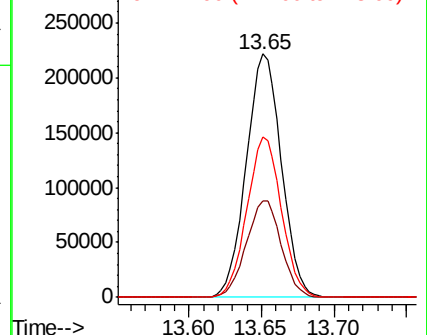
148 64.7 32.0 96.0



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: 56.645 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

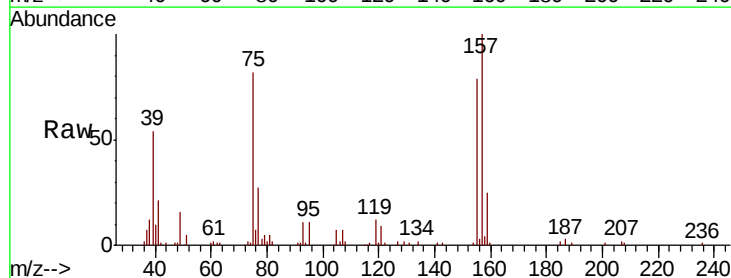
Tgt Ion: 75 Resp: 46840

Ion Ratio Lower Upper

75 100

155 98.6 48.9 146.8

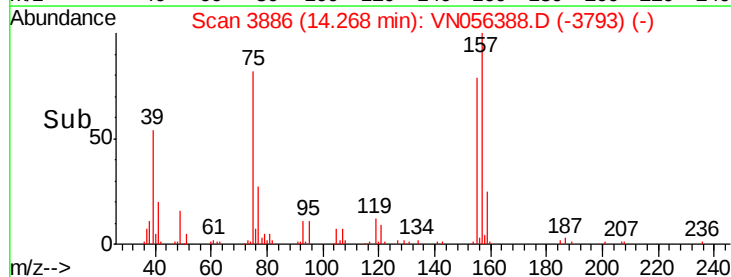
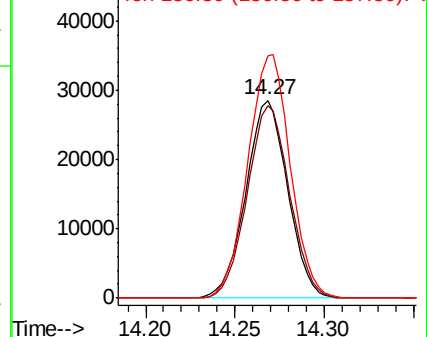
157 125.2 62.9 188.8

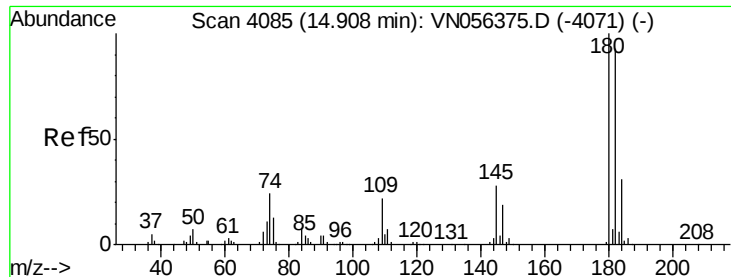


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

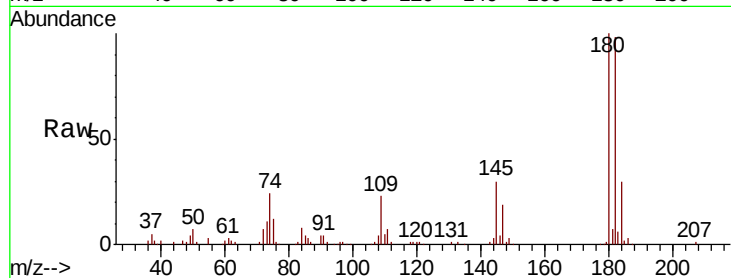




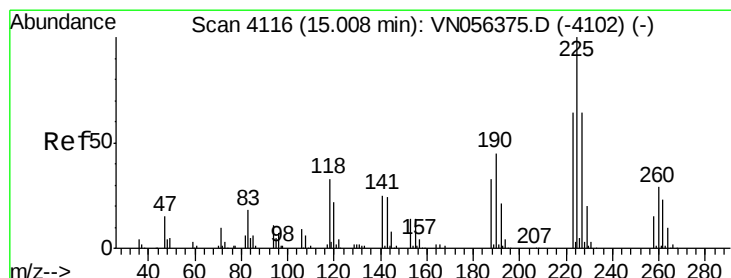
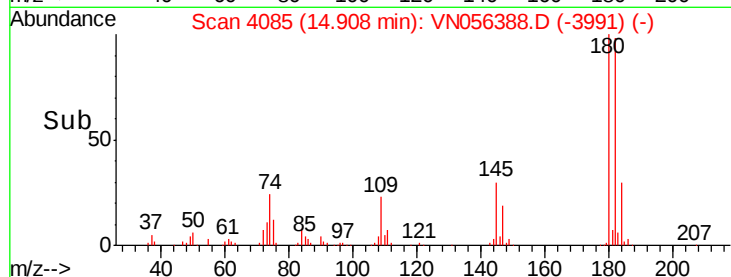
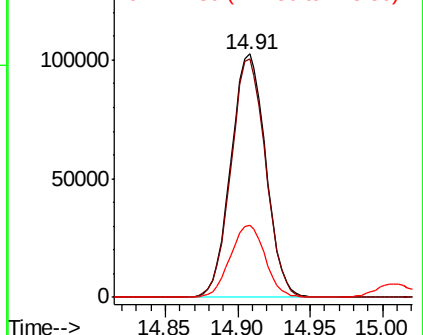
#93
 1,2,4-Trichlorobenzene
 Concen: 44.464 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	46.9	140.6
145	29.7	14.4	43.0

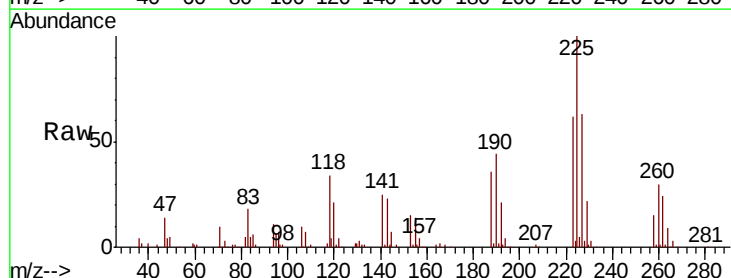


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

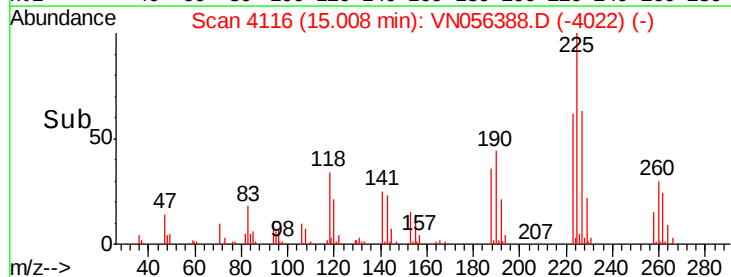
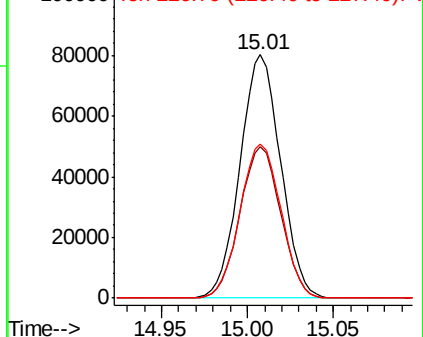


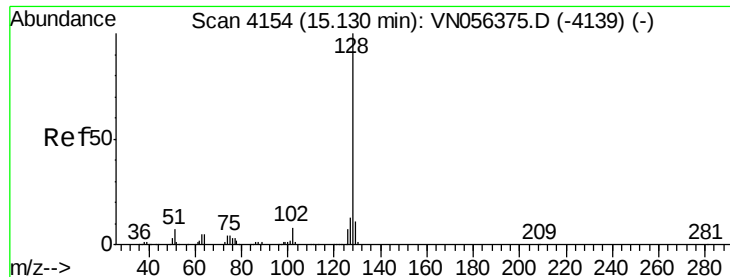
#94
 Hexachlorobutadiene
 Concen: 51.692 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056388.D
 Acq: 20 Jun 2019 9:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.4	94.3
227	64.1	32.1	96.3



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





#95

Naphthalene

Concen: 44.783 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

Instrument :

MSVOA_N

ClientSampleId :

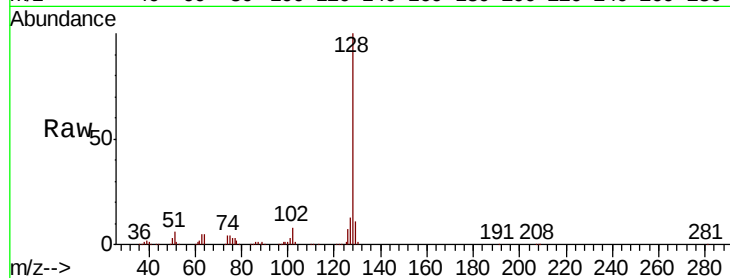
Tot Ion:128 Resp: 451686

Ion Ratio Lower Upper

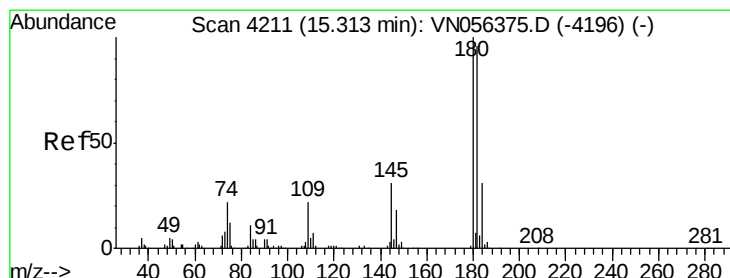
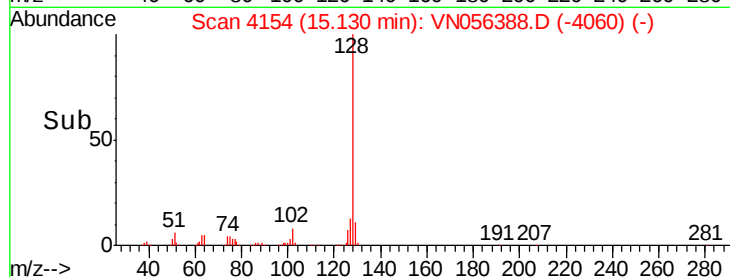
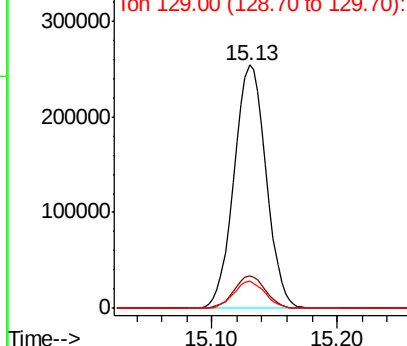
128 100

127 13.2 10.2 15.2

129 11.0 8.6 12.8



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: 46.393 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056388.D

Acq: 20 Jun 2019 9:25

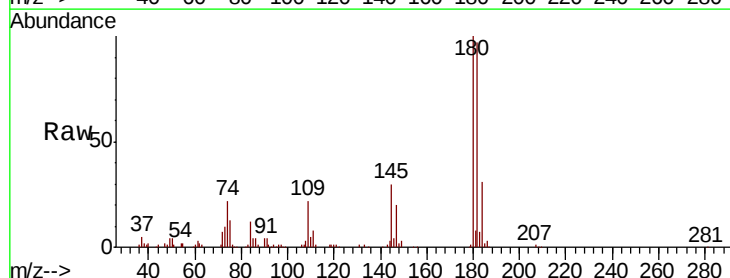
Tgt Ion:180 Resp: 186647

Ion Ratio Lower Upper

180 100

182 96.6 48.3 144.8

145 30.3 15.4 46.1



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

