

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055808.D
 Acq On : 24 May 2019 20:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 25 04:30:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	358155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	512895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	460298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	181436	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	7.59	113	166089	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.09	98	626709	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.40	95	212741	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	105379	43.718	ug/l	100
3) Chloromethane	2.06	50	147731	43.743	ug/l	99
4) Vinyl Chloride	2.18	62	163694	45.444	ug/l	98
5) Bromomethane	2.52	94	99387	44.102	ug/l	100
6) Chloroethane	2.67	64	95758	44.154	ug/l	97
7) Trichlorofluoromethane	3.00	101	220927	46.782	ug/l	97
8) Diethyl Ether	3.40	74	100510	47.486	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	136029	46.144	ug/l	98
10) Methyl Iodide	3.94	142	222036	51.517	ug/l	99
11) Tert butyl alcohol	4.82	59	165798	234.607	ug/l	99
12) 1,1-Dichloroethene	3.72	96	143209	47.015	ug/l	96
13) Acrolein	3.60	56	110631	218.625	ug/l	99
14) Allyl chloride	4.31	41	236304	45.254	ug/l	100
15) Acrylonitrile	4.99	53	396108	244.092	ug/l	100
16) Acetone	3.82	43	322057	198.081	ug/l	98
17) Carbon Disulfide	4.03	76	375618	43.403	ug/l	99
18) Methyl Acetate	4.32	43	166726	50.452	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	482647	47.510	ug/l	99
20) Methylene Chloride	4.54	84	165106	46.890	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	152997	46.753	ug/l	97
22) Diisopropyl ether	5.95	45	484001	47.656	ug/l	99
23) Vinyl Acetate	5.90	43	2066609	237.331	ug/l	99
24) 1,1-Dichloroethane	5.84	63	274240	46.377	ug/l	99
25) 2-Butanone	6.84	43	523721	230.645	ug/l	100
26) 2,2-Dichloropropane	6.82	77	198854	38.857	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	182072	47.690	ug/l	98
28) Bromochloromethane	7.19	49	138095	49.050	ug/l	97
29) Tetrahydrofuran	7.22	42	346553	241.004	ug/l	98
30) Chloroform	7.37	83	282180	47.850	ug/l	100
31) Cyclohexane	7.65	56	247821	44.639	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	247273	46.989	ug/l	99
36) 1,1-Dichloropropene	7.79	75	210571	47.111	ug/l	99
37) Ethyl Acetate	6.93	43	215118	49.796	ug/l	100
38) Carbon Tetrachloride	7.77	117	220277	47.313	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	254982	46.068	ug/l	99
40) Benzene	8.04	78	653552	48.516	ug/l	99
41) Methacrylonitrile	7.18	41	99563	45.620	ug/l	96
42) 1,2-Dichloroethane	8.12	62	212401	48.254	ug/l	100
43) Isopropyl Acetate	8.17	43	348414	48.002	ug/l #	93
44) Trichloroethene	8.83	130	187999	50.061	ug/l	99
45) 1,2-Dichloropropane	9.12	63	171435	48.846	ug/l	100
46) Dibromomethane	9.21	93	113548	49.332	ug/l	97
47) Bromodichloromethane	9.40	83	222340	47.109	ug/l	99
48) Methyl methacrylate	9.20	41	169845	50.774	ug/l	98
49) 1,4-Dioxane	9.21	88	69064	993.513	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1056091	246.363	ug/l	99
52) Toluene	10.16	92	419111	49.469	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	240951	47.828	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	267355	47.904	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	168254	49.574	ug/l	98
56) Ethyl methacrylate	10.43	69	258911	49.360	ug/l	100
57) 1,3-Dichloropropane	10.71	76	274157	49.694	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	504356	251.603	ug/l	99
59) 2-Hexanone	10.75	43	724507	238.243	ug/l	99
60) Dibromochloromethane	10.90	129	194227	49.124	ug/l	99
61) 1,2-Dibromoethane	11.00	107	180058	51.146	ug/l	100
64) Tetrachloroethene	10.63	164	189122	48.715	ug/l	99
65) Chlorobenzene	11.43	112	451661	49.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	176901	48.135	ug/l	99
67) Ethyl Benzene	11.51	91	794549	48.083	ug/l	99
68) m/p-Xylenes	11.62	106	607077	97.178	ug/l	99
69) o-Xylene	11.95	106	298935	48.231	ug/l	100
70) Styrene	11.96	104	497845	49.601	ug/l	100
71) Bromoform	12.13	173	148874	47.492	ug/l #	99
73) Isopropylbenzene	12.25	105	782949	54.350	ug/l	100
74) N-amyl acetate	12.07	43	280177	50.914	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	230115	53.967	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	281036	82.282	ug/l #	100
77) Bromobenzene	12.53	156	211666	48.771	ug/l	96
78) n-propylbenzene	12.59	91	832385	47.089	ug/l	99
79) 2-Chlorotoluene	12.67	91	501905	52.859	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	641517	52.825	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	68118	45.063	ug/l	99
82) 4-Chlorotoluene	12.77	91	491376	47.290	ug/l	100
83) tert-Butylbenzene	12.99	119	564233	53.834	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	632525	52.126	ug/l	99
85) sec-Butylbenzene	13.17	105	722543	52.911	ug/l	100
86) p-Isopropyltoluene	13.29	119	661246	46.817	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	335278	48.788	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	322085	49.297	ug/l	100
89) n-Butylbenzene	13.61	91	496880	45.914	ug/l	99
90) Hexachloroethane	13.87	117	119607	44.490	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	333232	48.603	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41506	46.058	ug/l	93

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

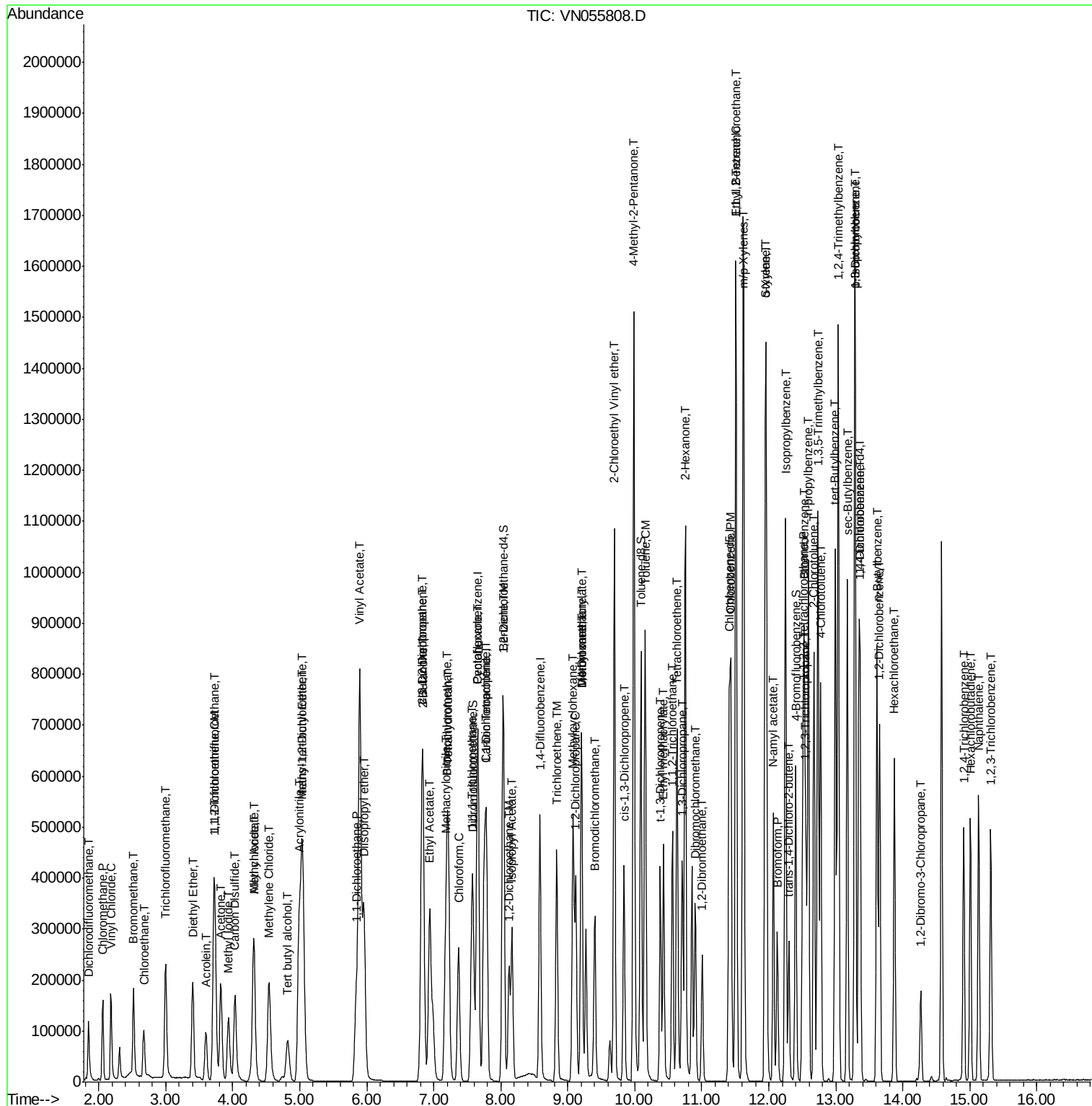
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	181829	46.378	ug/l	99
94) Hexachlorobutadiene	15.01	225	119427	49.476	ug/l	99
95) Naphthalene	15.13	128	507489	53.941	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	192719	53.174	ug/l	100

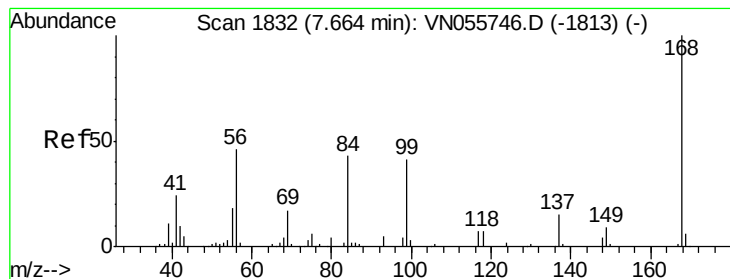
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

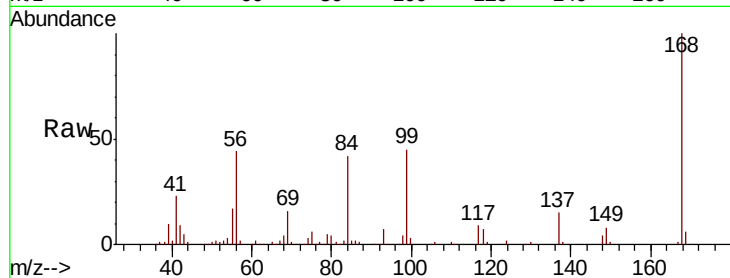
VSTDCCC050EC

Tot Ion:168 Resp: 358155

Ion Ratio Lower Upper

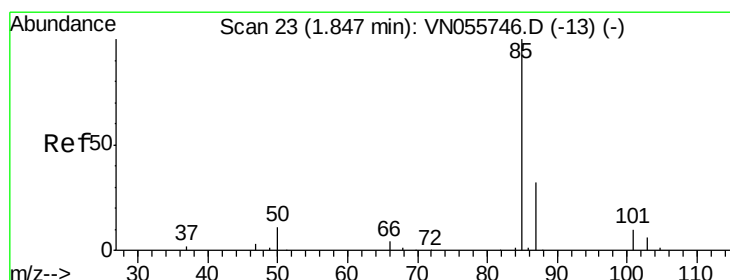
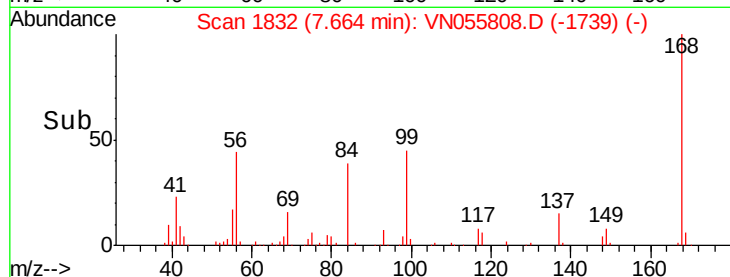
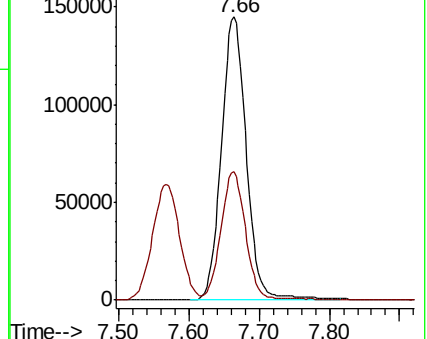
168 100

99 45.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 43.718 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055808.D

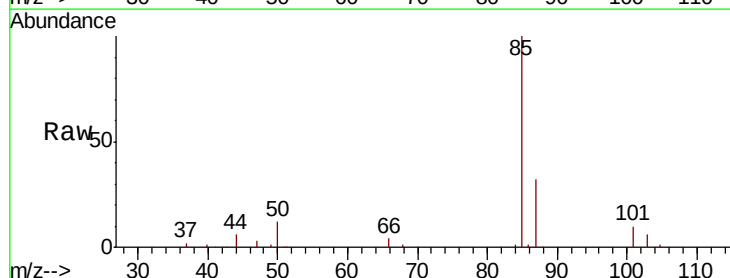
Acq: 24 May 2019 20:18

Tgt Ion: 85 Resp: 105379

Ion Ratio Lower Upper

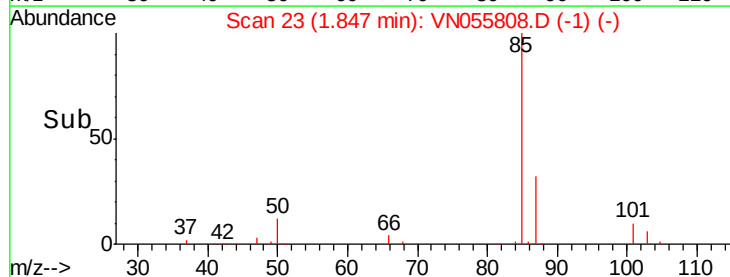
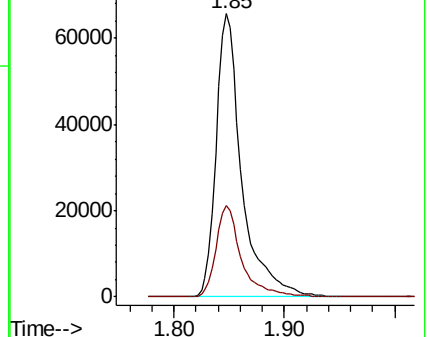
85 100

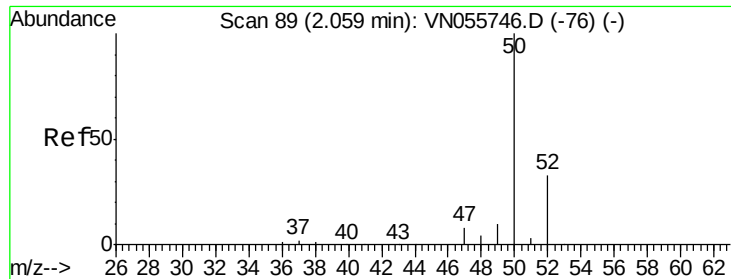
87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 43.743 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

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ClientSampleId :

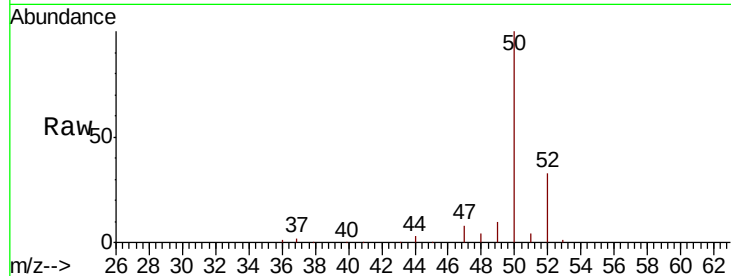
VSTDCCC050EC

Tot Ion: 50 Resp: 147731

Ion Ratio Lower Upper

50 100

52 32.8 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

100000

80000

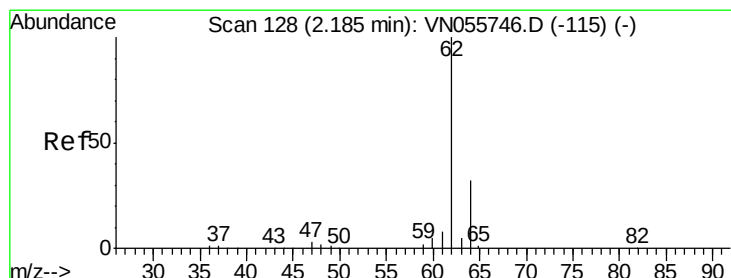
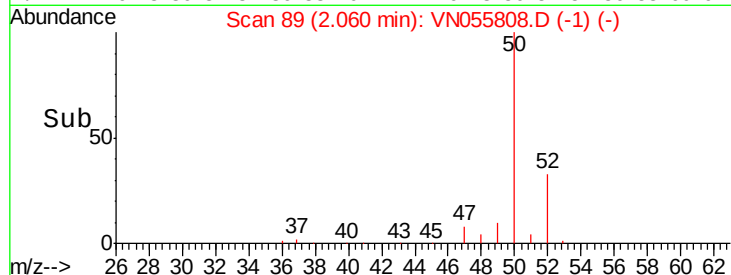
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 45.444 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055808.D

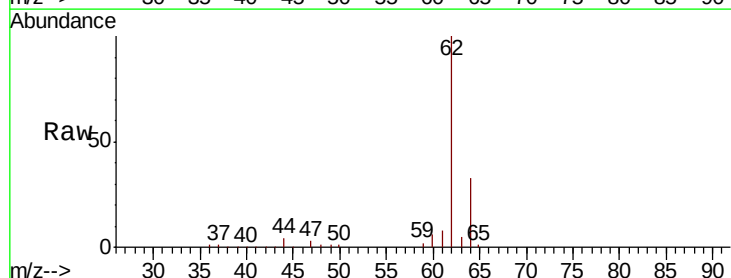
Acq: 24 May 2019 20:18

Tgt Ion: 62 Resp: 163694

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

120000

100000

80000

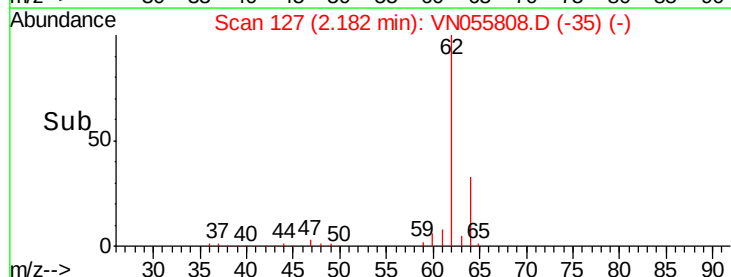
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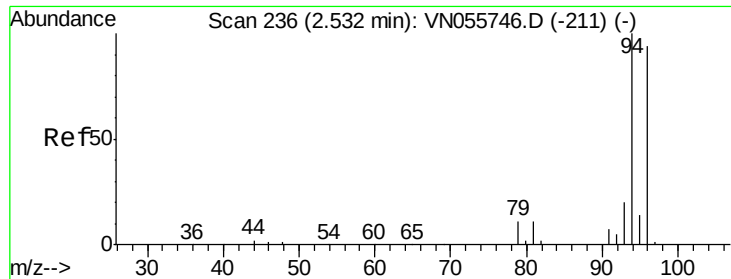
40000

20000

0

Time-->

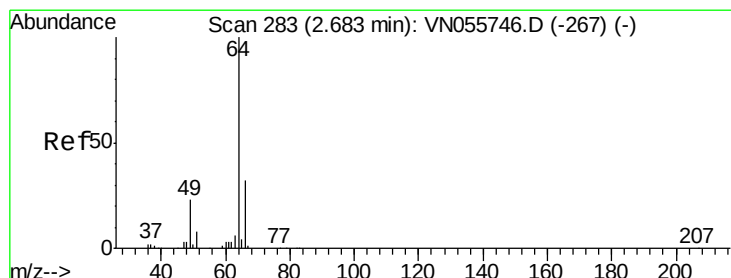
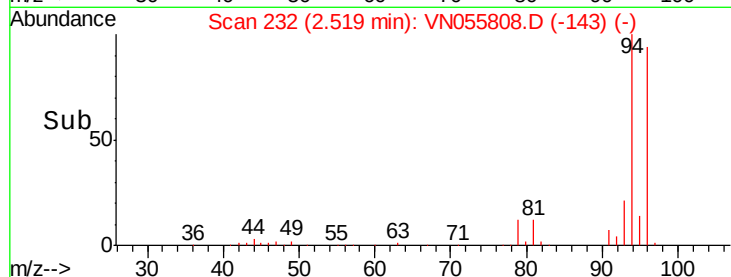
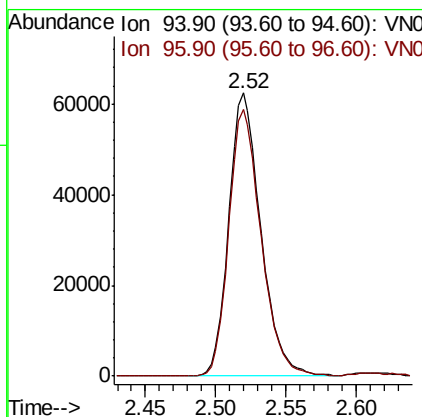
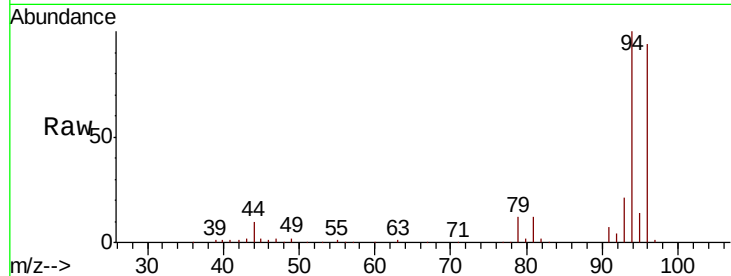




#5
Bromomethane
Concen: 44.102 ug/l
RT: 2.52 min Scan# 232
Delta R.T. -0.01 min
Lab File: VN055808.D
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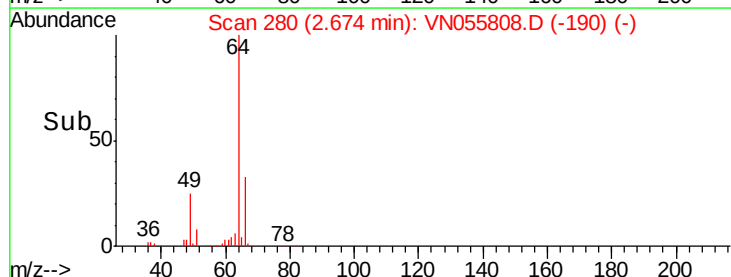
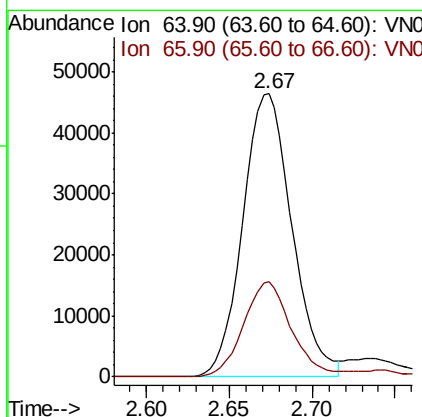
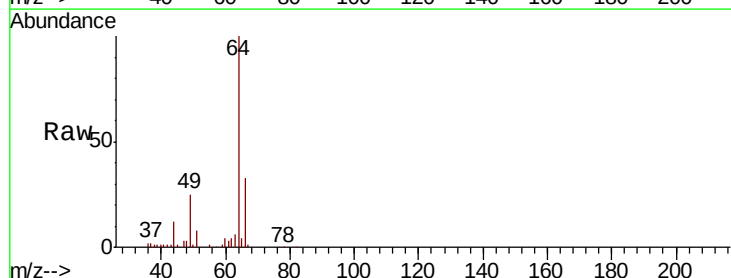
Instrument :
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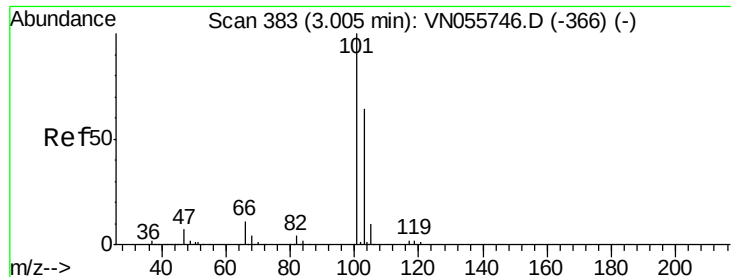
Tot Ion: 94 Resp: 99387
Ion Ratio Lower Upper
94 100
96 94.4 75.5 113.3



#6
Chloroethane
Concen: 44.154 ug/l
RT: 2.67 min Scan# 280
Delta R.T. -0.01 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Tgt Ion: 64 Resp: 95758
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.0



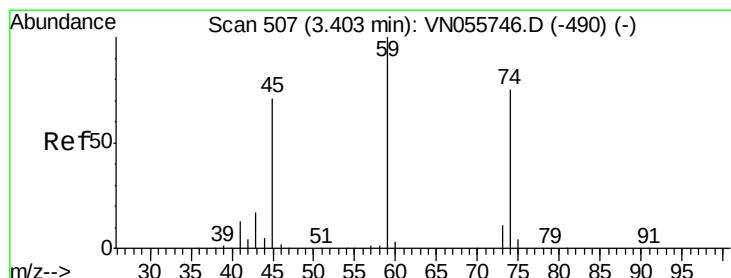
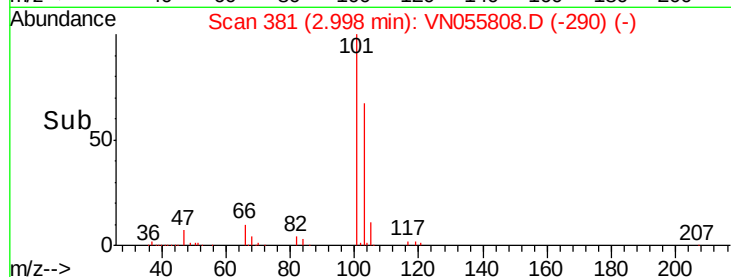
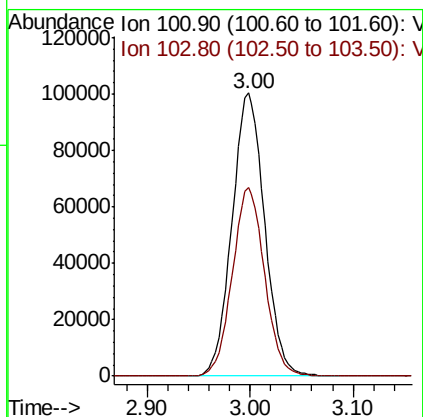
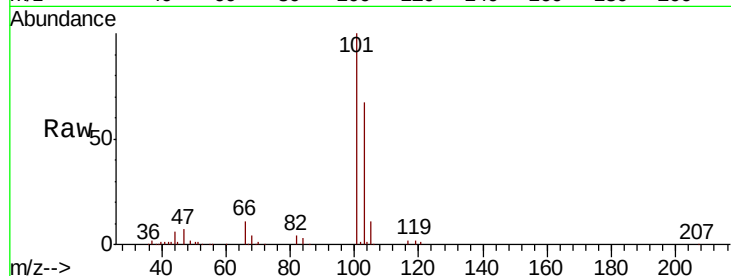


#7

Trichlorofluoromethane
 Concen: 46.782 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

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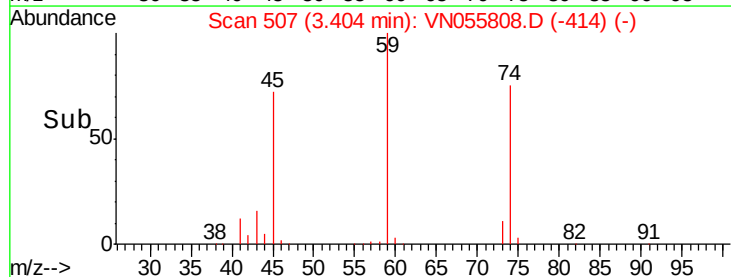
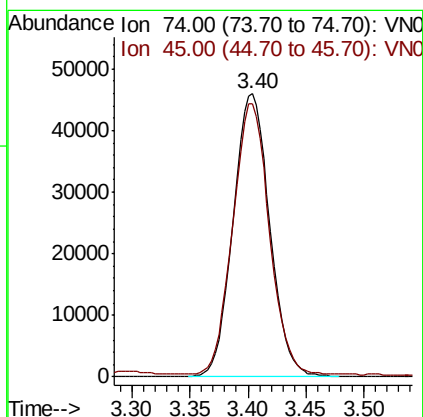
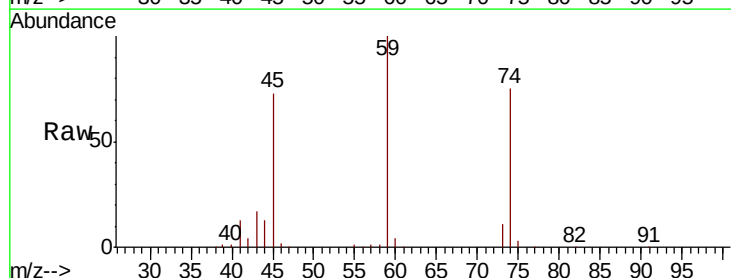
Tot Ion:101 Resp: 220927
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.2 76.8

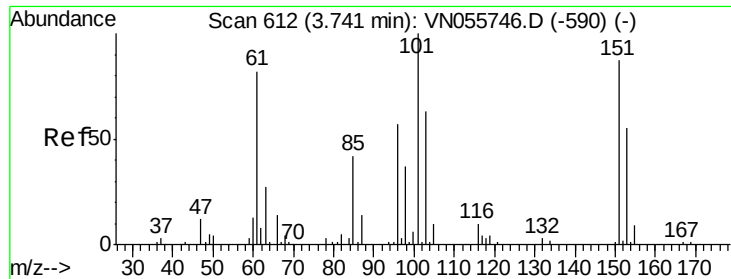


#8

Diethyl Ether
 Concen: 47.486 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion: 74 Resp: 100510
 Ion Ratio Lower Upper
 74 100
 45 95.0 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.144 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

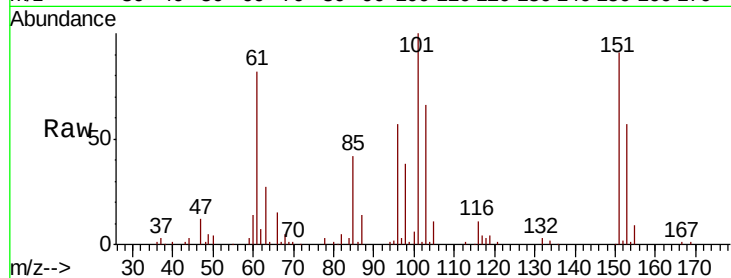
Tot Ion:101 Resp: 136029

Ion Ratio Lower Upper

101 100

85 42.1 33.4 50.2

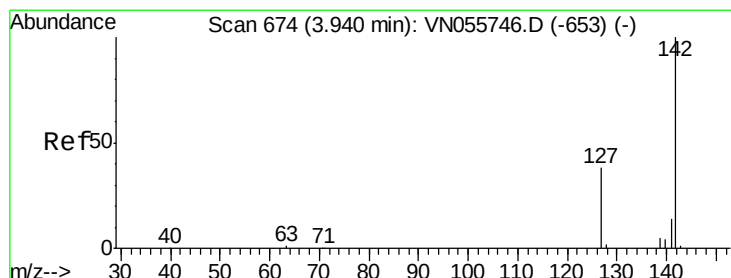
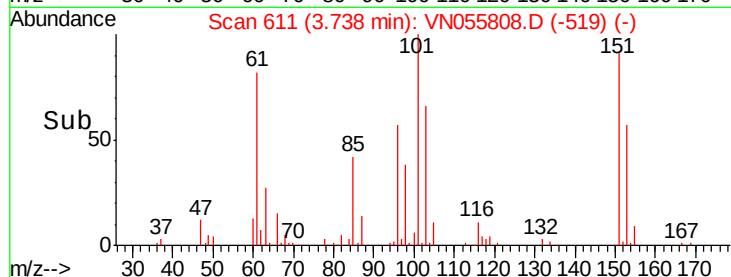
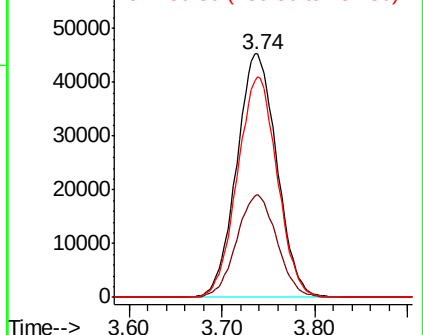
151 89.8 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.517 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

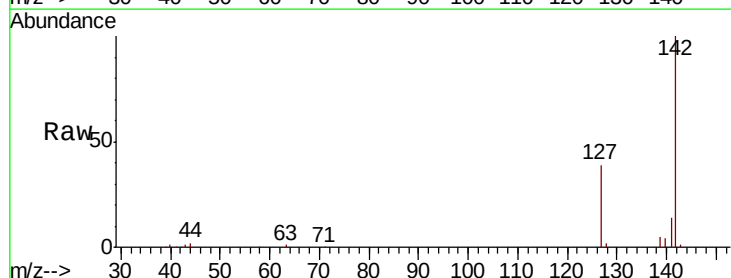
Tgt Ion:142 Resp: 222036

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.4

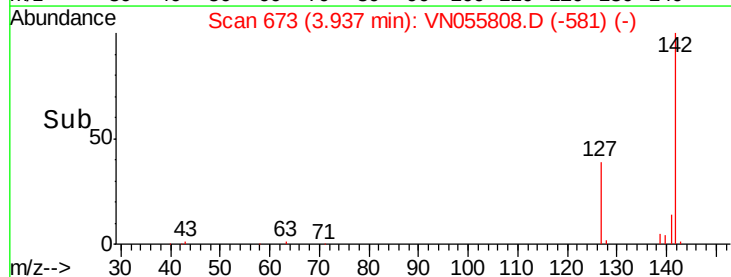
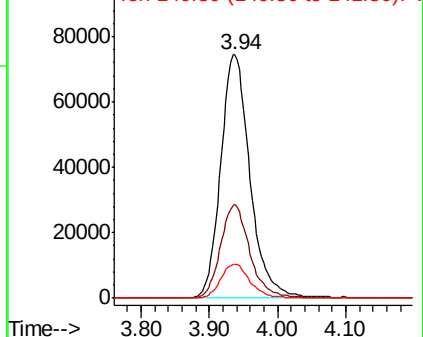
141 14.0 11.4 17.0

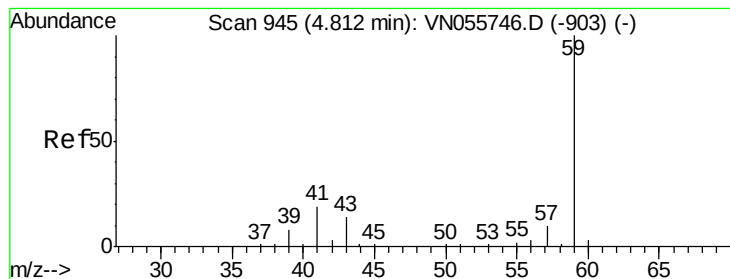


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



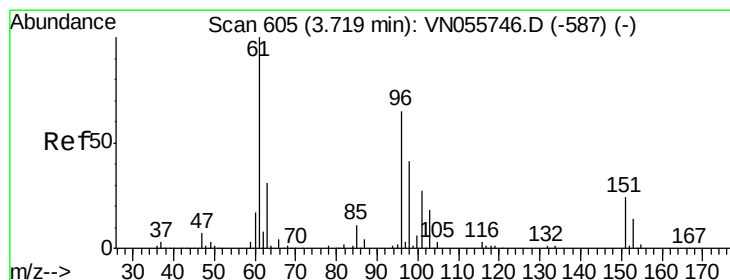
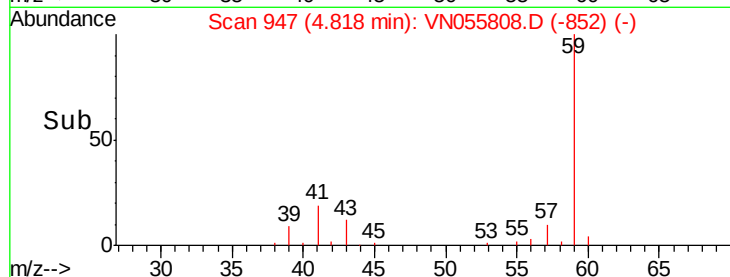
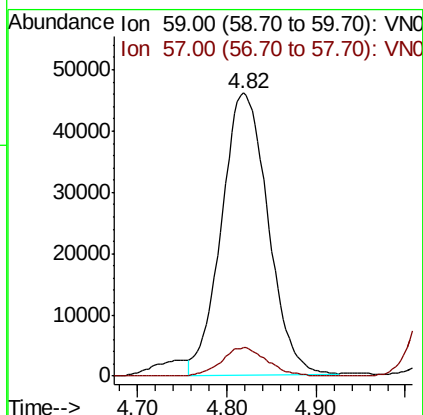
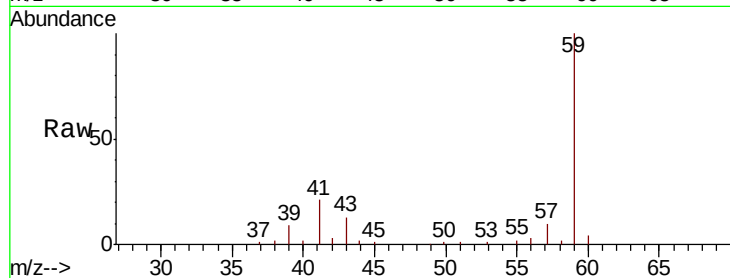


#11

Tert butyl alcohol
 Concen: 234.607 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

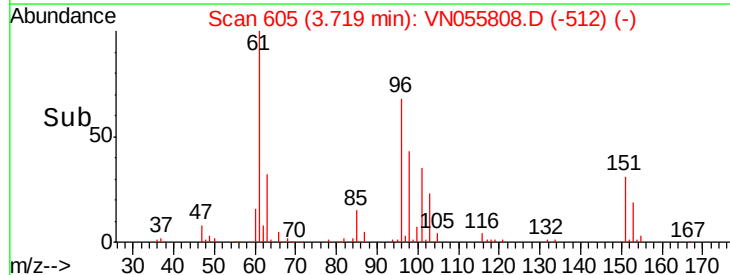
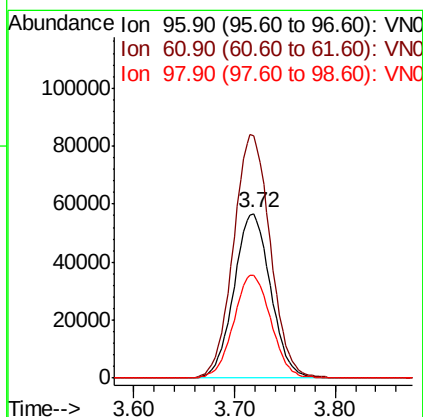
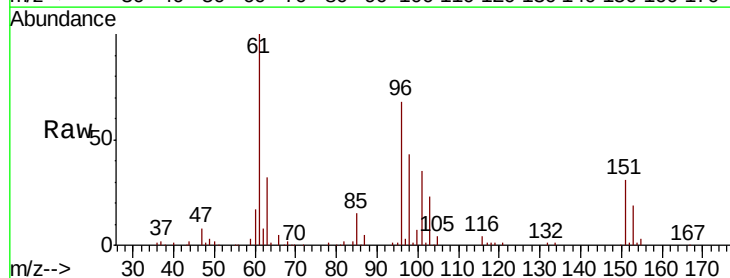
Tot Ion: 59 Resp: 165798
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.8 11.6

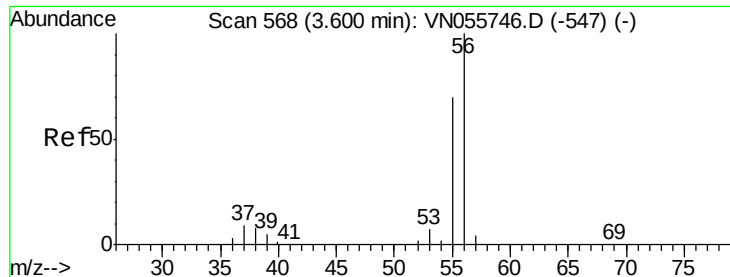


#12

1,1-Dichloroethene
 Concen: 47.015 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion: 96 Resp: 143209
 Ion Ratio Lower Upper
 96 100
 61 147.2 123.2 184.8
 98 62.6 50.4 75.6





#13

Acrolein

Concen: 218.625 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

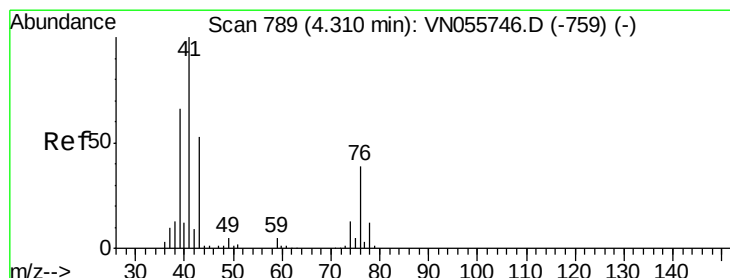
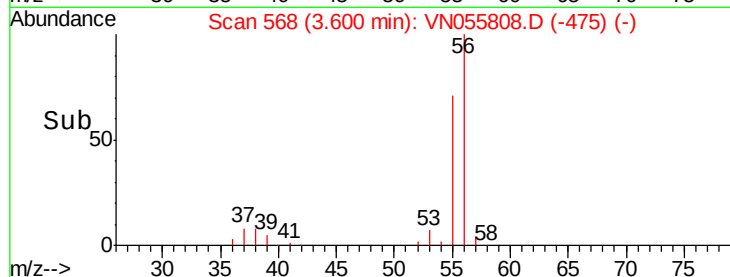
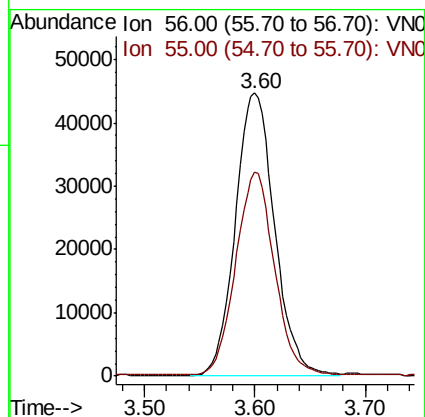
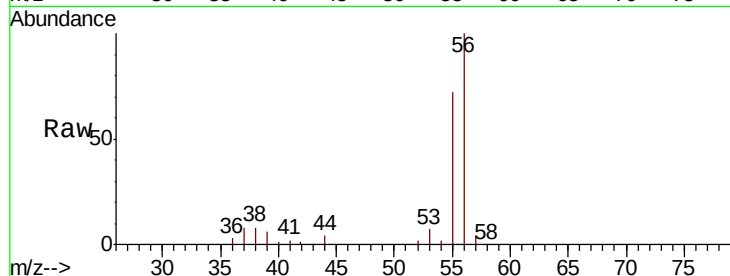
VSTDCCC050EC

Tot Ion: 56 Resp: 110631

Ion Ratio Lower Upper

56 100

55 70.3 55.4 83.2



#14

Allyl chloride

Concen: 45.254 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

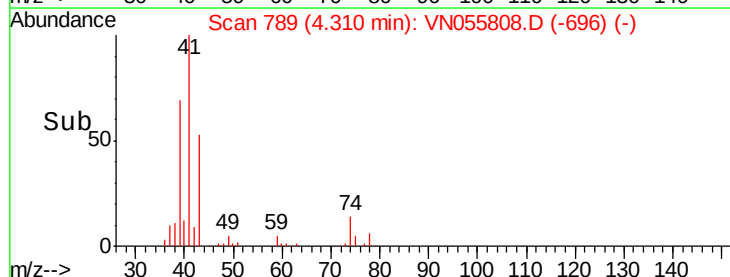
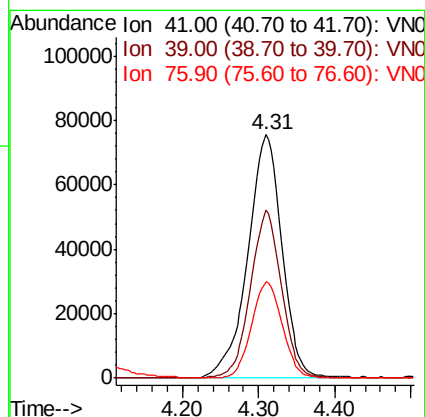
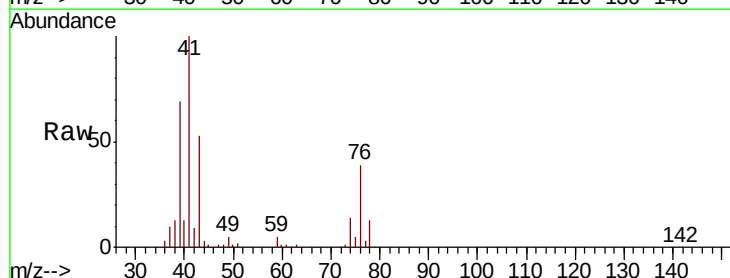
Tgt Ion: 41 Resp: 236304

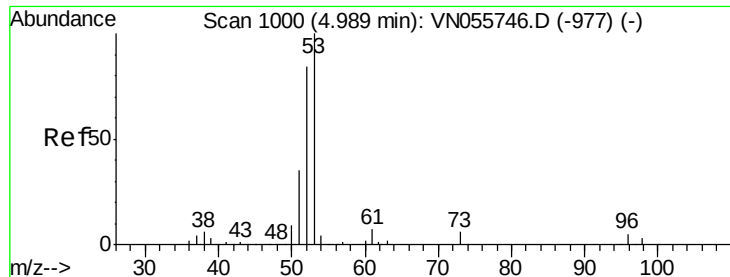
Ion Ratio Lower Upper

41 100

39 62.6 50.0 75.0

76 35.6 28.2 42.2





#15

Acrylonitrile

Concen: 244.092 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

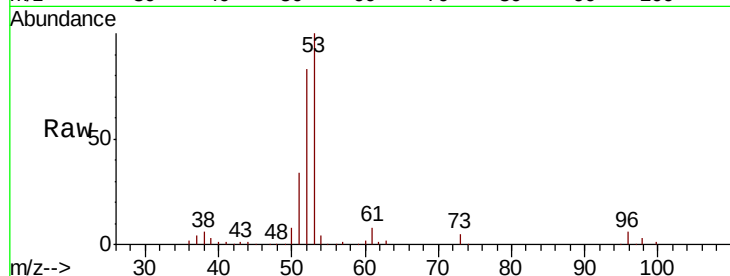
Tot Ion: 53 Resp: 396108

Ion Ratio Lower Upper

53 100

52 82.2 65.8 98.8

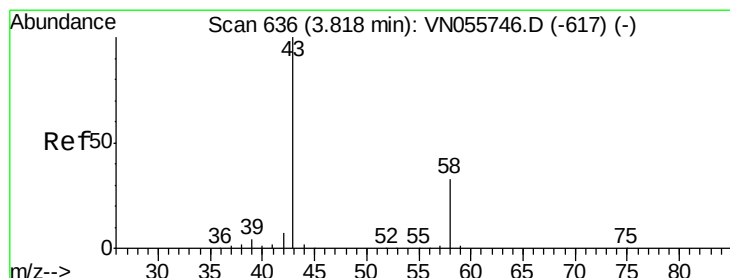
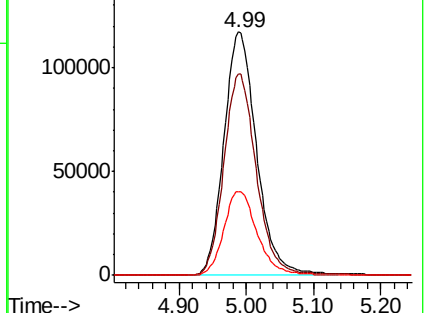
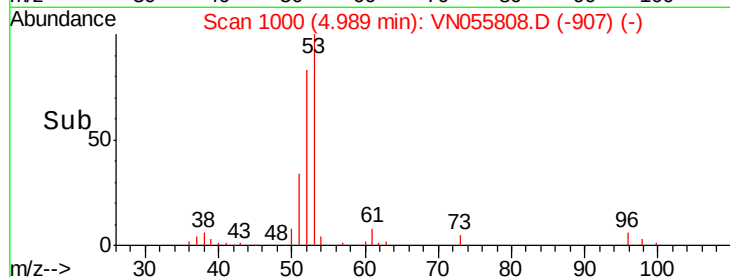
51 35.2 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055808.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055808.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055808.D (-907) (-)



#16

Acetone

Concen: 198.081 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055808.D

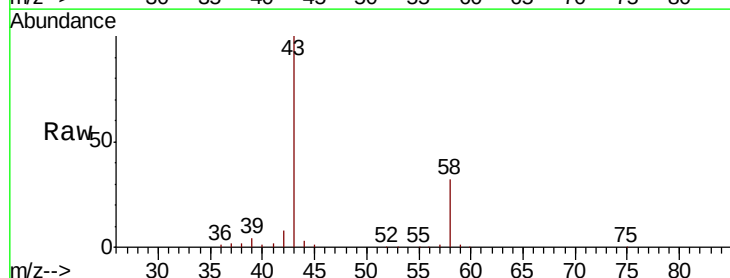
Acq: 24 May 2019 20:18

Tgt Ion: 43 Resp: 322057

Ion Ratio Lower Upper

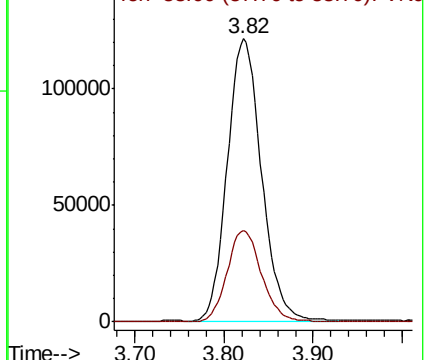
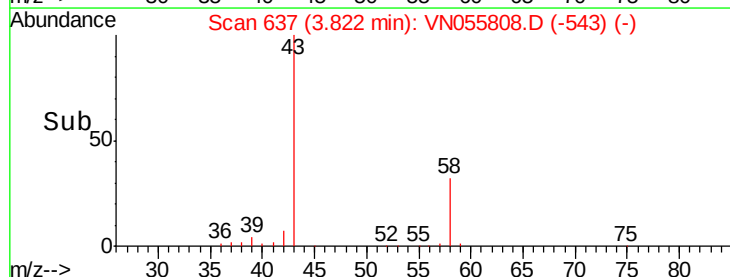
43 100

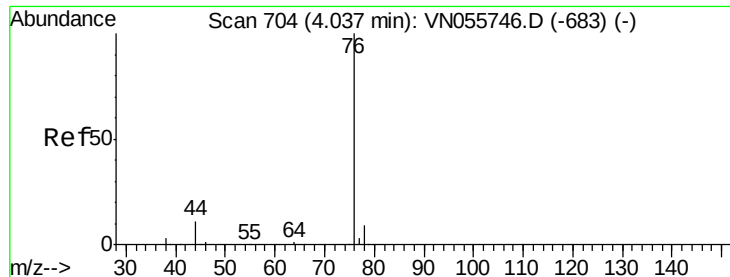
58 32.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055808.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055808.D (-543) (-)





#17

Carbon Disulfide

Concen: 43.403 ug/l

RT: 4.03 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

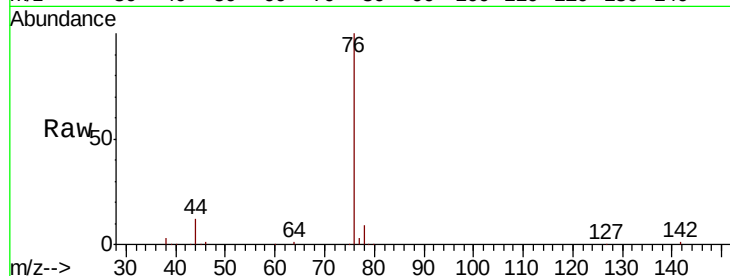
VSTDCCC050EC

Tot Ion: 76 Resp: 375618

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VN055808.D (-611) (-)

Ion 77.90 (77.60 to 78.60): VN055808.D (-611) (-)

4.03

150000

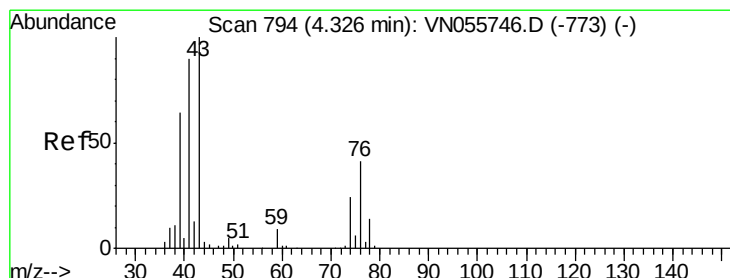
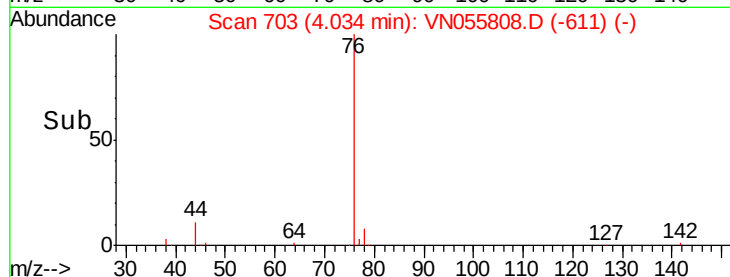
100000

50000

0

3.90 4.00 4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 50.452 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055808.D

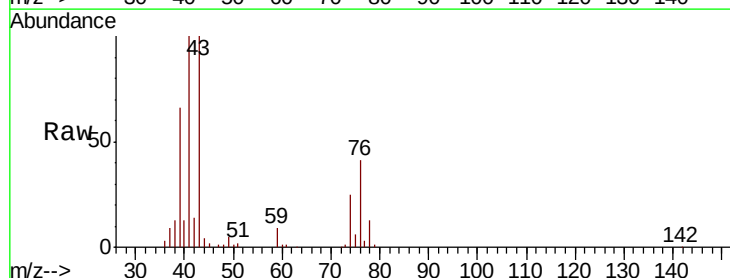
Acq: 24 May 2019 20:18

Tgt Ion: 43 Resp: 166726

Ion Ratio Lower Upper

43 100

74 25.2 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN055808.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN055808.D (-701) (-)

4.32

60000

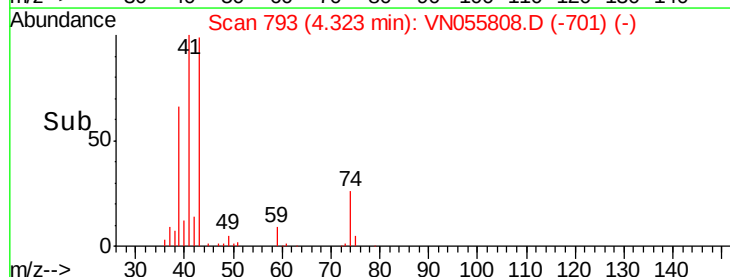
40000

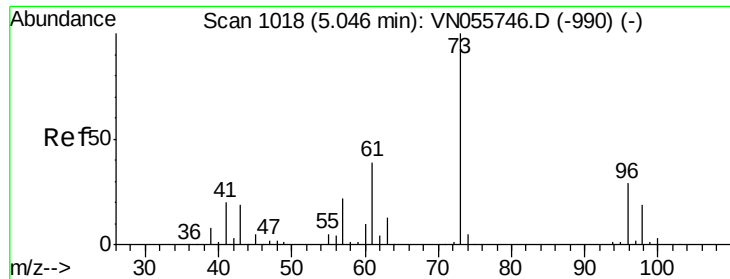
20000

0

4.20 4.30 4.40

Time-->

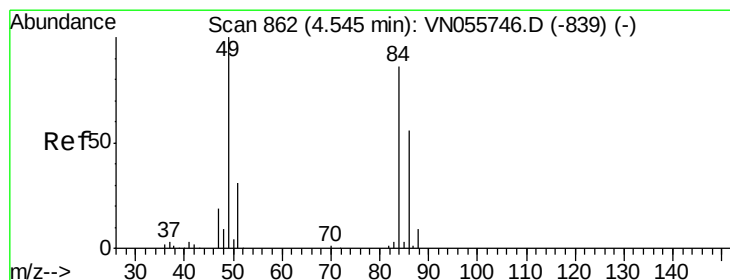
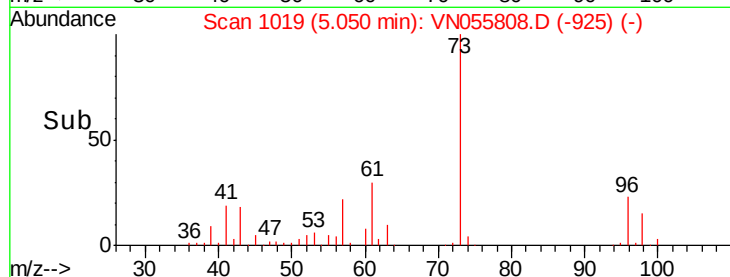
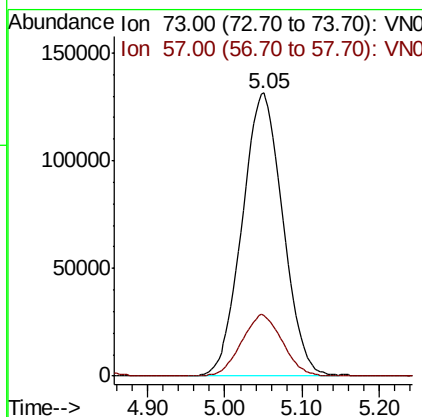
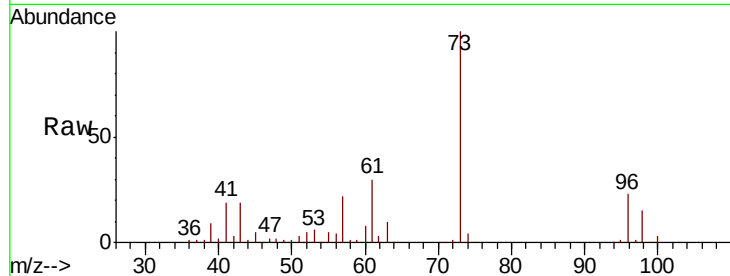




#19
Methvl tert-butvl Ether
Concen: 47.510 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

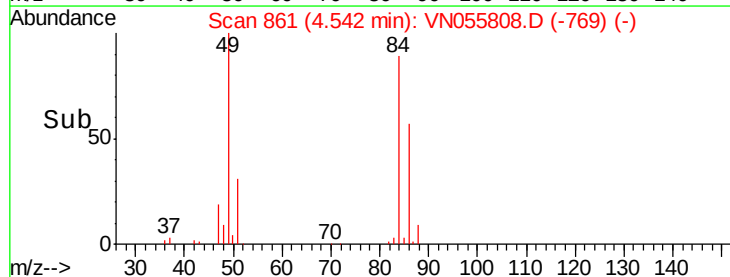
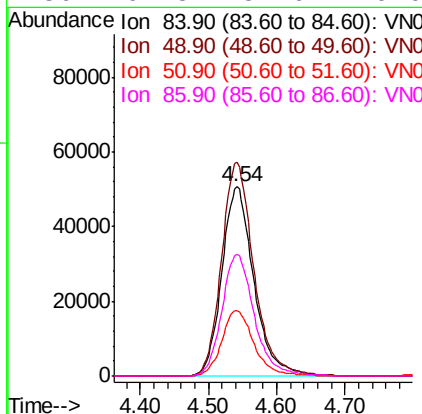
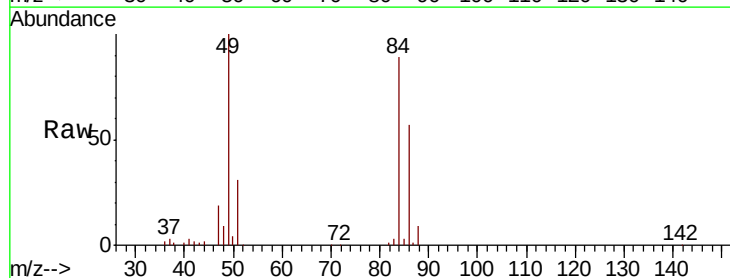
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

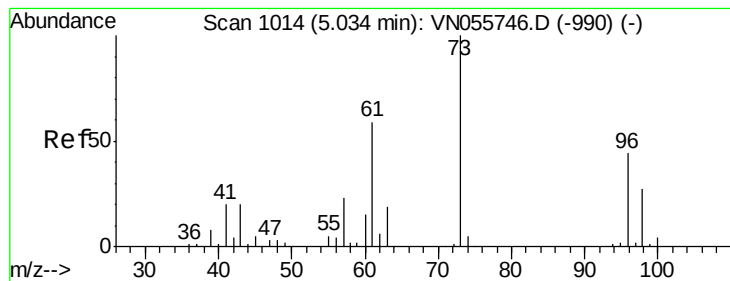
Tot Ion: 73 Resp: 482647
Ion Ratio Lower Upper
73 100
57 21.7 17.8 26.8



#20
Methylene Chloride
Concen: 46.890 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Tgt Ion: 84 Resp: 165106
Ion Ratio Lower Upper
84 100
49 112.8 93.5 140.3
51 34.5 28.6 43.0
86 64.3 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 46.753 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

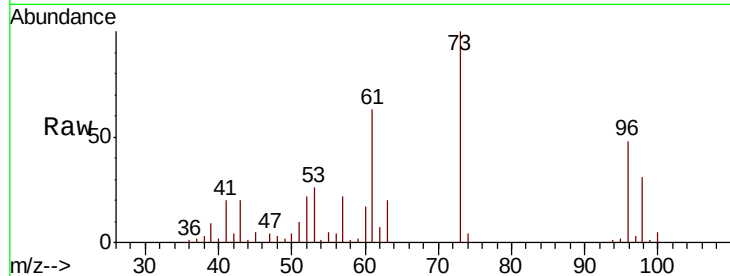
Tot Ion: 96 Resp: 152997

Ion Ratio Lower Upper

96 100

61 131.5 107.8 161.8

98 64.8 49.8 74.8

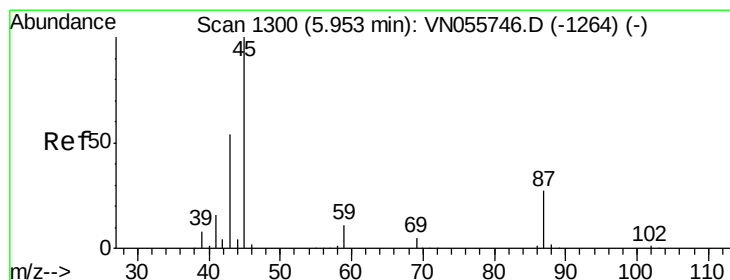
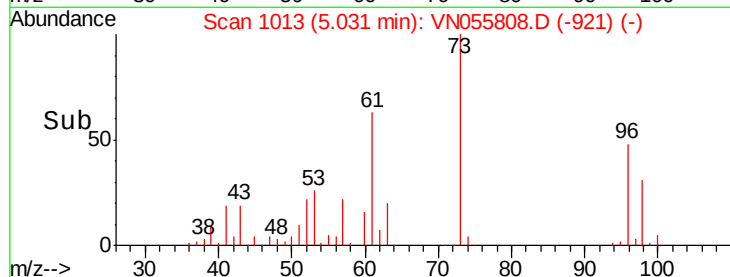
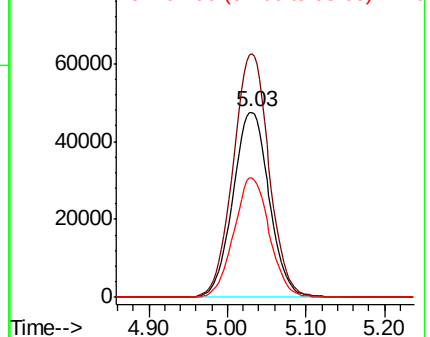


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 47.656 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Tgt Ion: 45 Resp: 484001

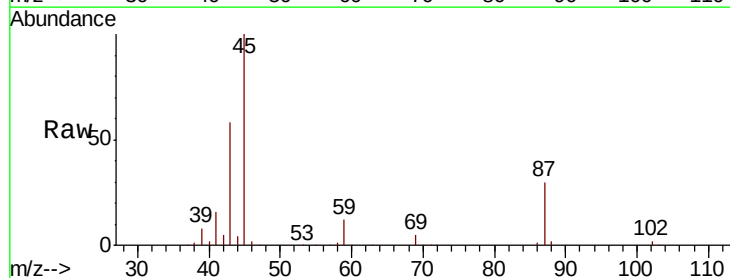
Ion Ratio Lower Upper

45 100

43 56.6 45.0 67.6

87 29.5 22.2 33.4

59 11.5 9.1 13.7



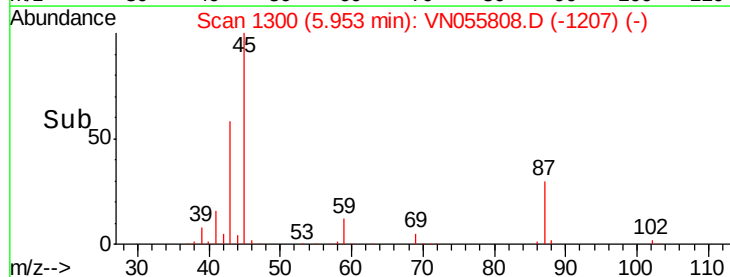
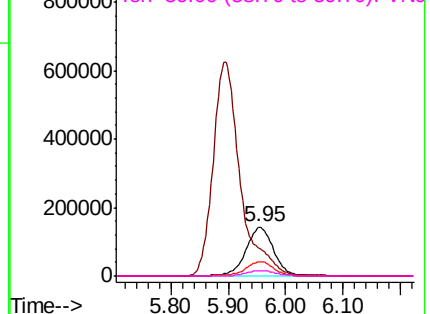
Abundance

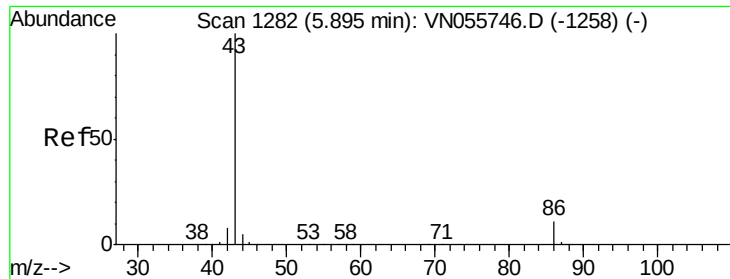
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

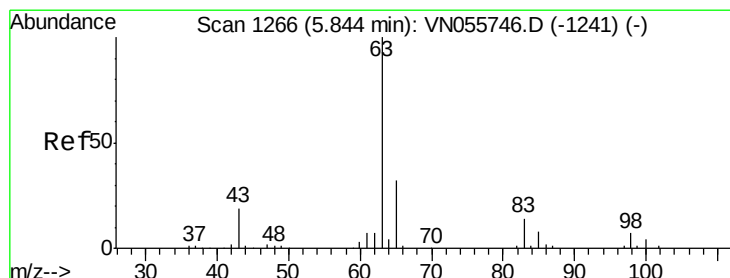
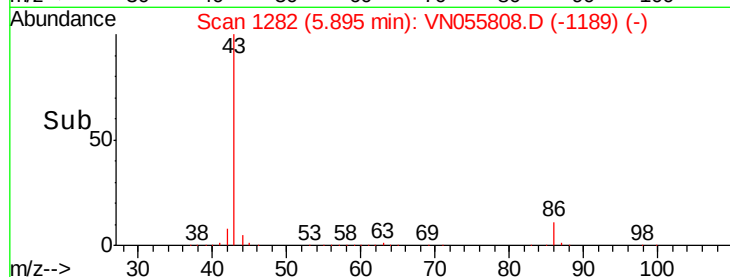
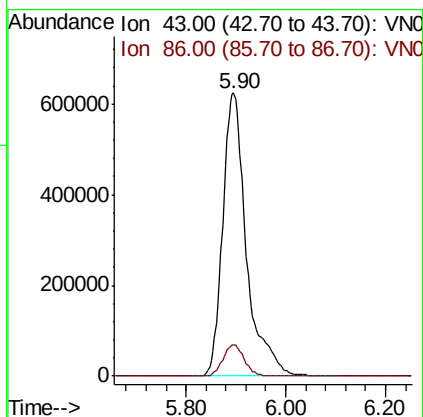
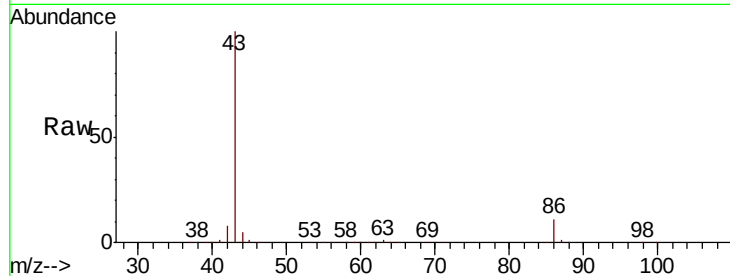




#23
 Vinyl Acetate
 Concen: 237.331 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

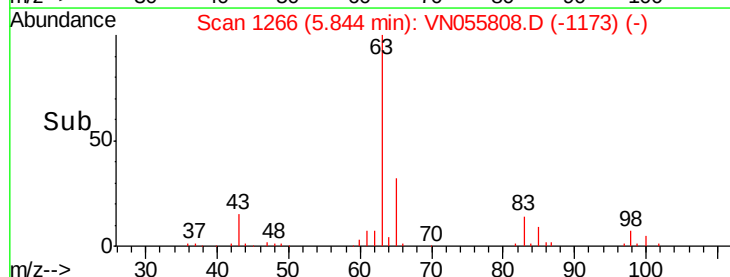
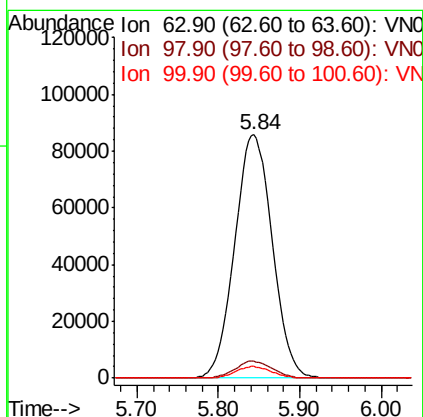
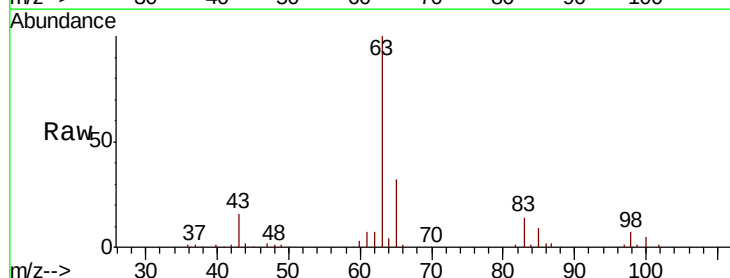
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

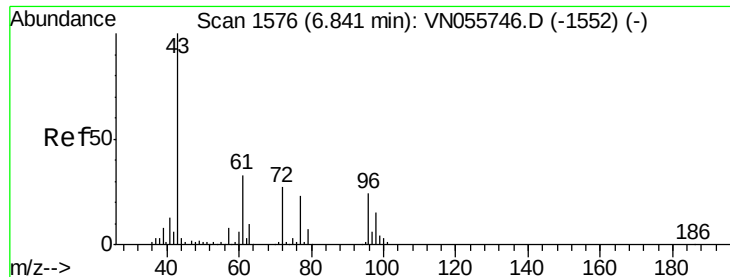
Tot Ion: 43 Resp: 2066609
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 46.377 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion: 63 Resp: 274240
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 230.645 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

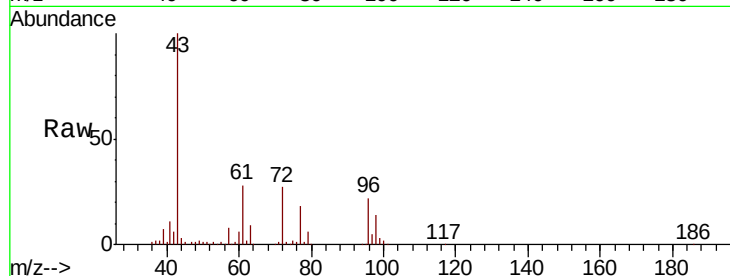
VSTDCCC050EC

Tot Ion: 43 Resp: 523721

Ion Ratio Lower Upper

43 100

72 27.5 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

200000

150000

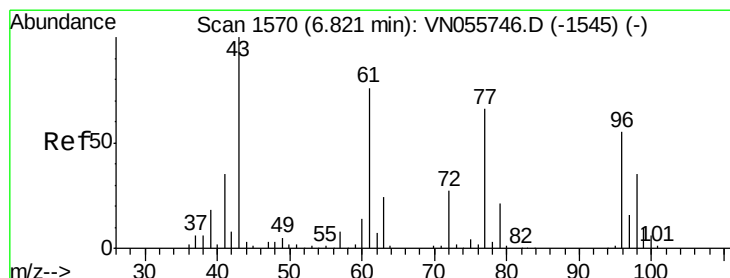
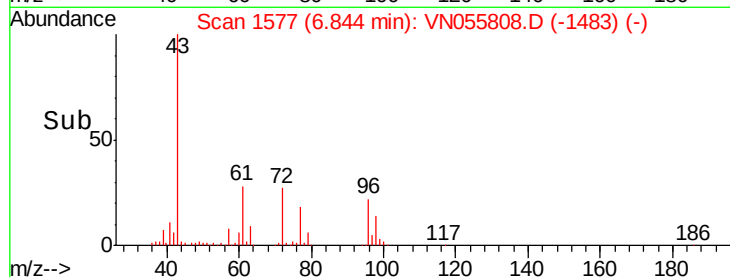
100000

50000

0

6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 38.857 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN055808.D

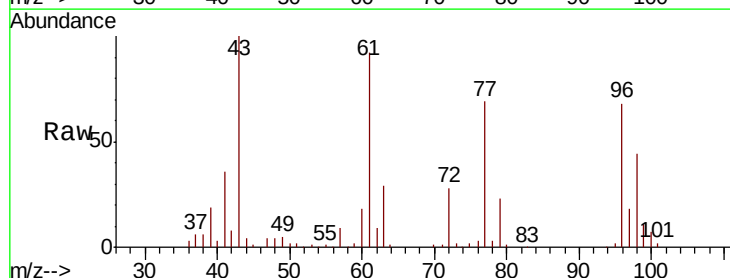
Acq: 24 May 2019 20:18

Tgt Ion: 77 Resp: 198854

Ion Ratio Lower Upper

77 100

97 24.9 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

60000

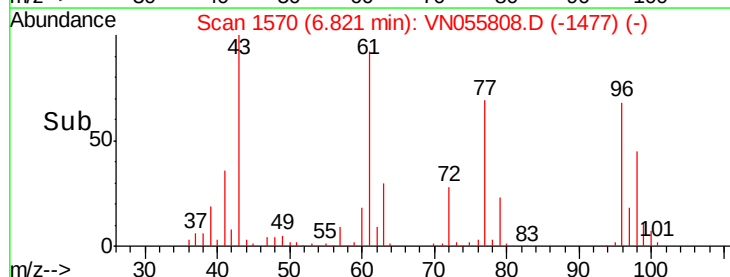
40000

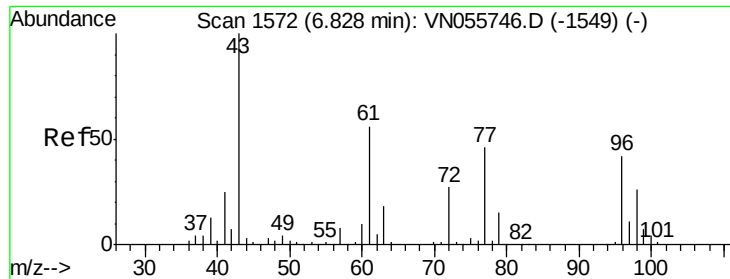
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.690 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

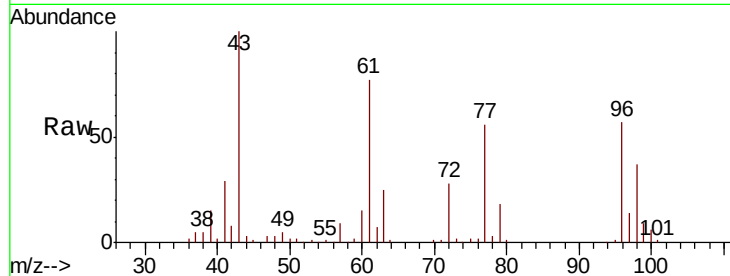
Tot Ion: 96 Resp: 182072

Ion Ratio Lower Upper

96 100

61 135.1 0.0 275.8

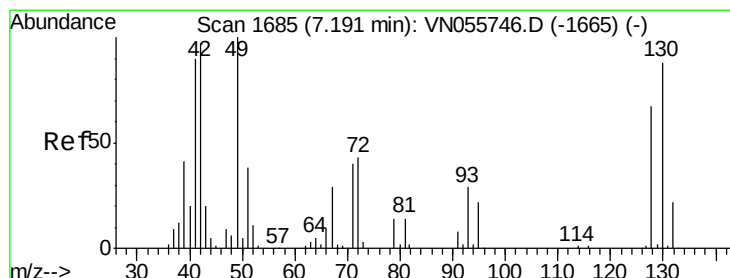
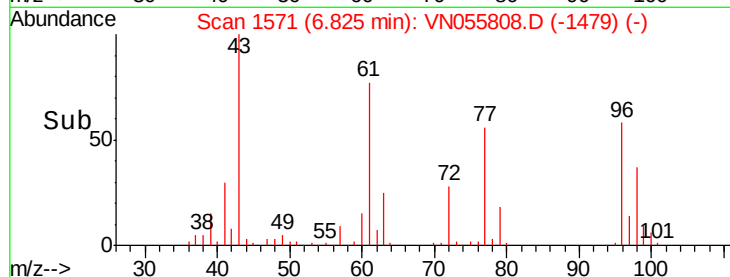
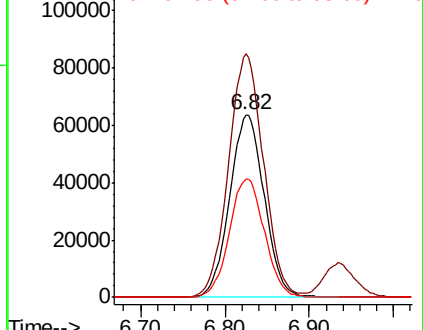
98 65.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 49.050 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

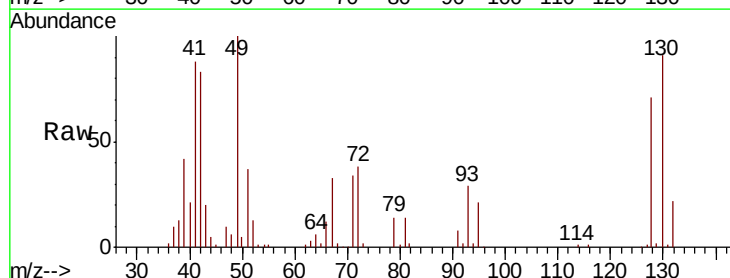
Tgt Ion: 49 Resp: 138095

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

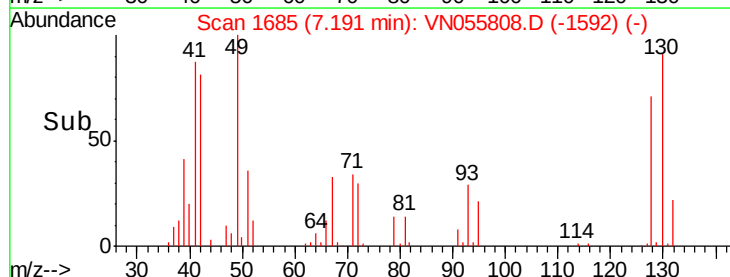
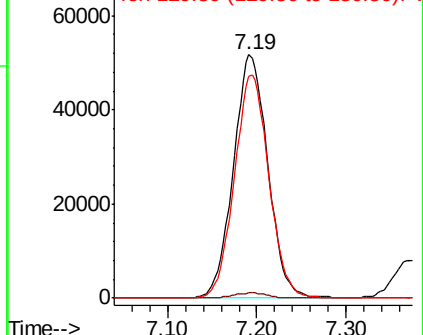
130 91.8 71.2 106.8

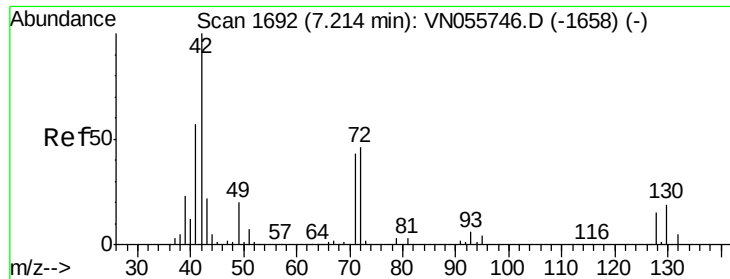


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

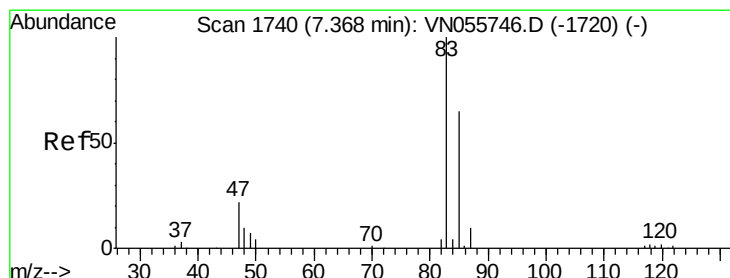
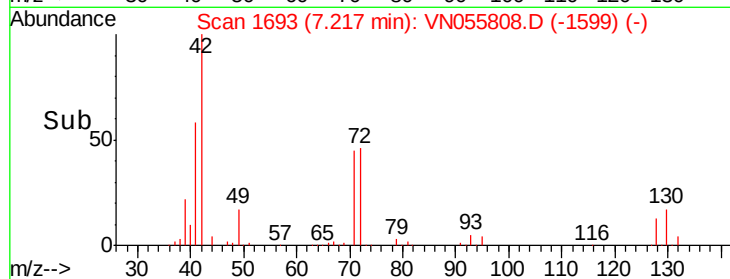
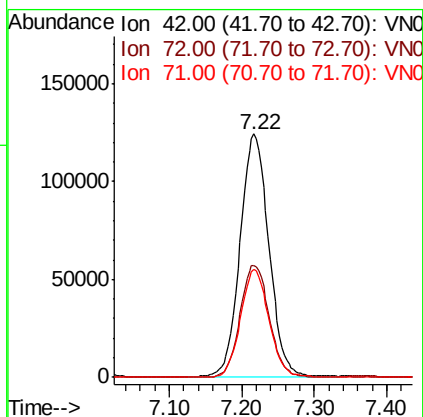
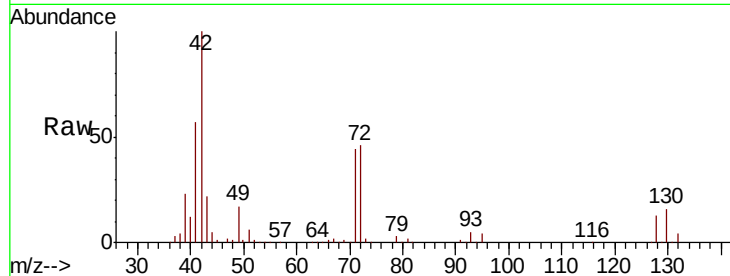




#29
Tetrahydrofuran
Concen: 241.004 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

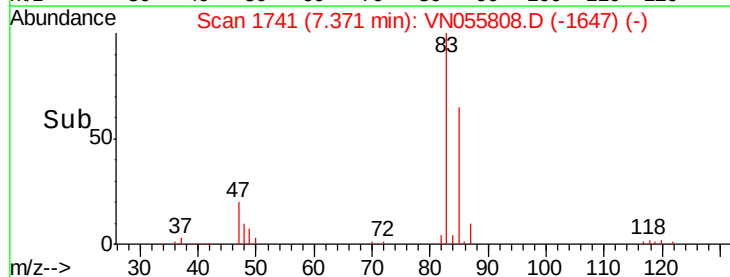
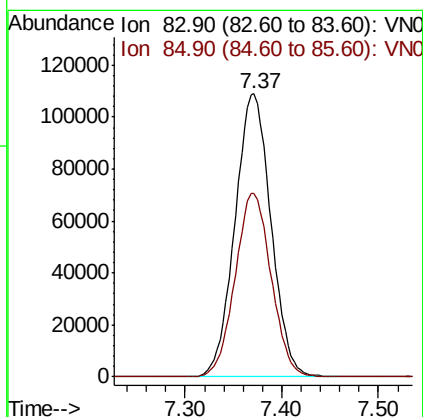
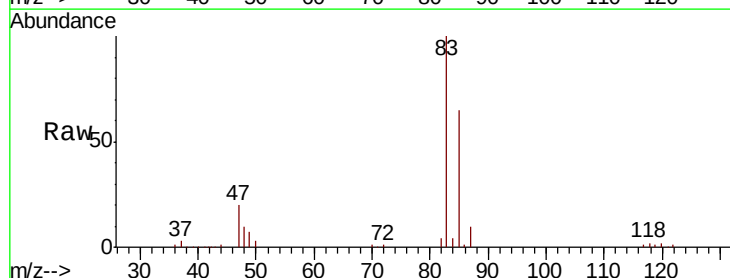
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

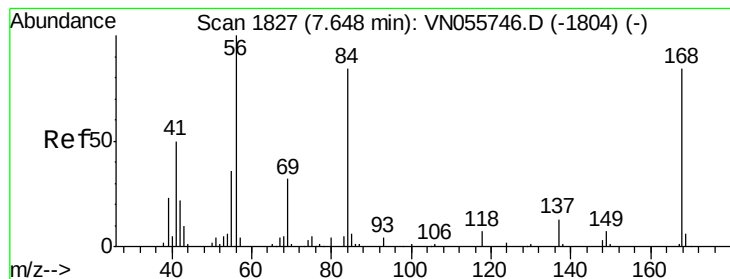
Tot Ion: 42 Resp: 346553
Ion Ratio Lower Upper
42 100
72 46.3 35.9 53.9
71 43.3 34.0 51.0



#30
Chloroform
Concen: 47.850 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Tgt Ion: 83 Resp: 282180
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.8





#31

Cyclohexane

Concen: 44.639 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

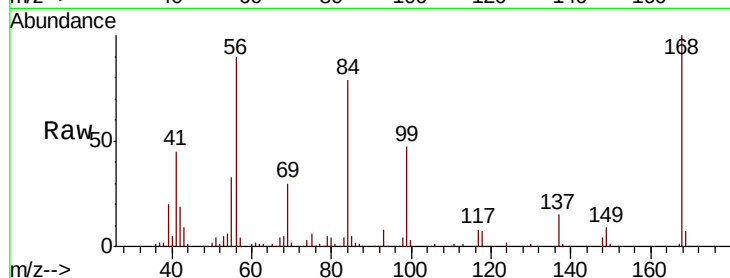
Tot Ion: 56 Resp: 247821

Ion Ratio Lower Upper

56 100

69 33.8 25.6 38.4

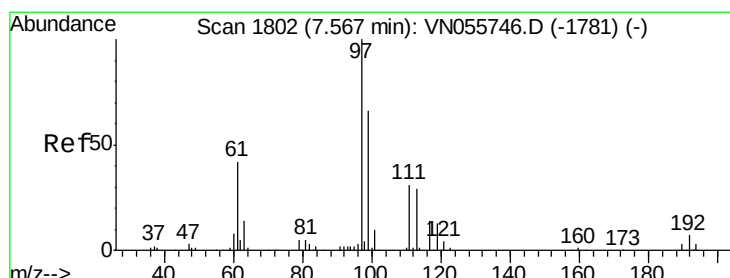
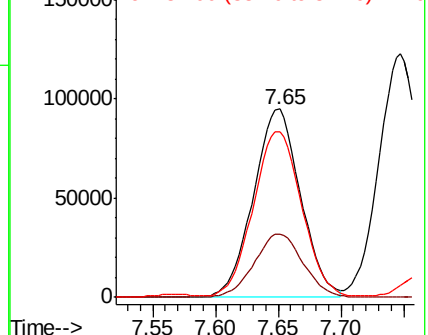
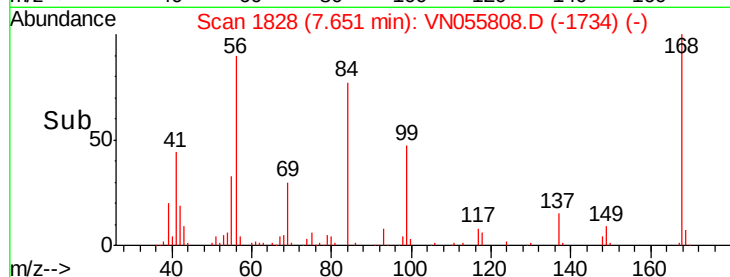
84 86.8 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN055808.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN055808.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN055808.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 46.989 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

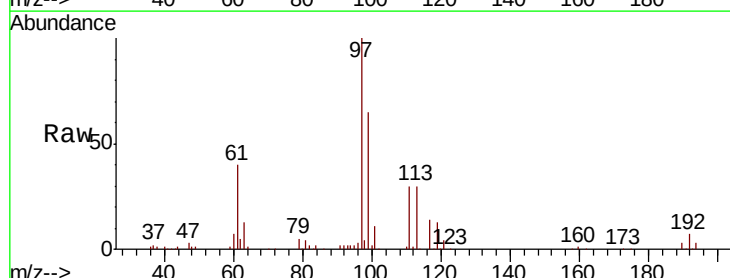
Tgt Ion: 97 Resp: 247273

Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

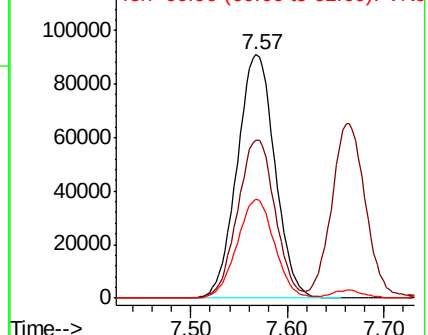
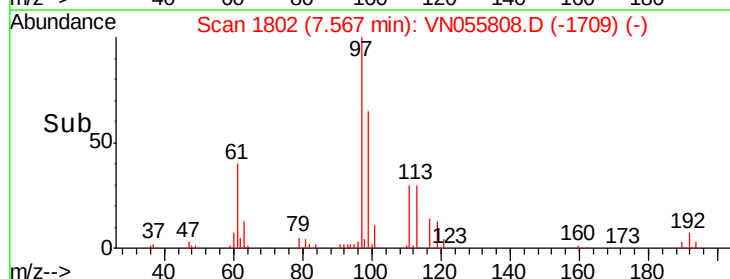
61 40.2 32.9 49.3

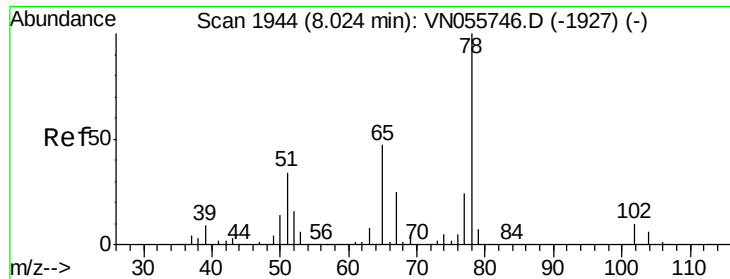


Abundance Ion 96.90 (96.60 to 97.60): VN055808.D (-1709) (-)

Ion 98.90 (98.60 to 99.60): VN055808.D (-1709) (-)

Ion 60.90 (60.60 to 61.60): VN055808.D (-1709) (-)

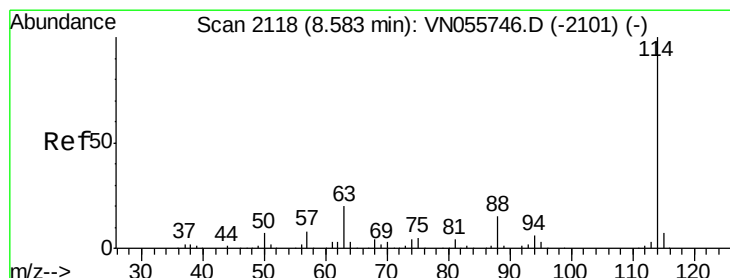
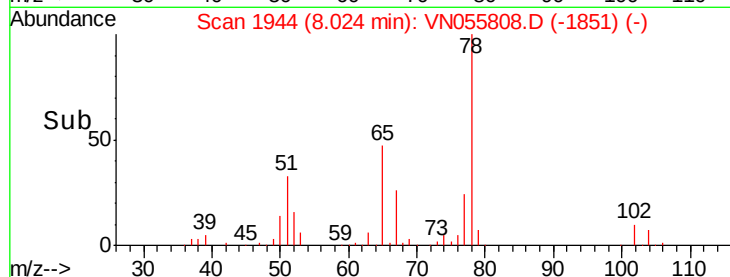
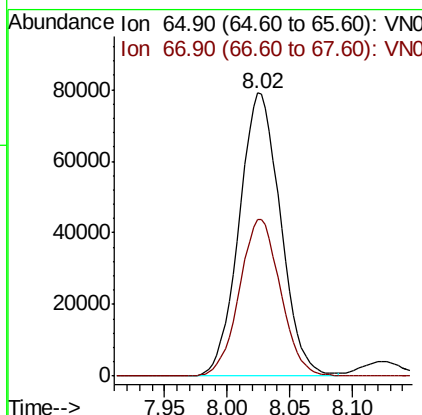
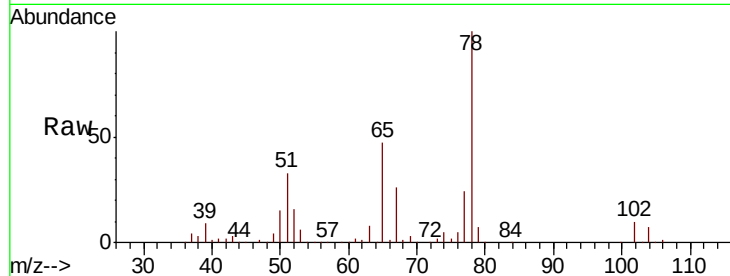




#33
 1,2-Dichloroethane-d4
 Concen: 49.053 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

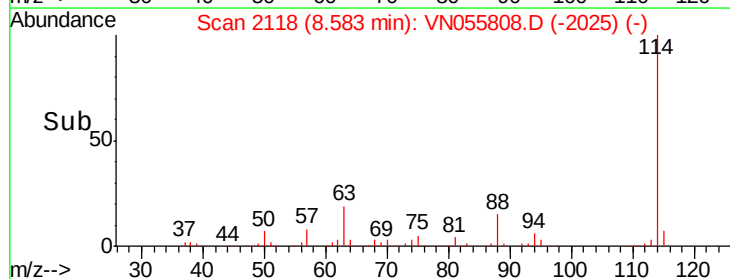
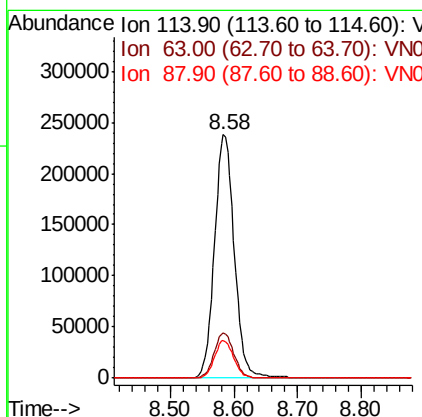
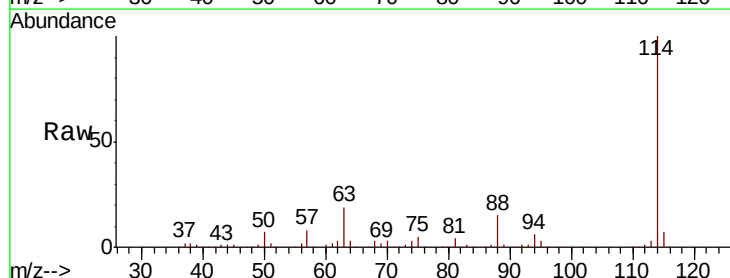
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

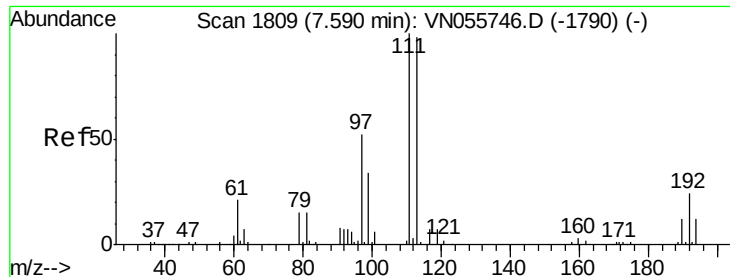
Tot Ion: 65 Resp: 181436
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion: 114 Resp: 512895
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.4 0.0 31.0

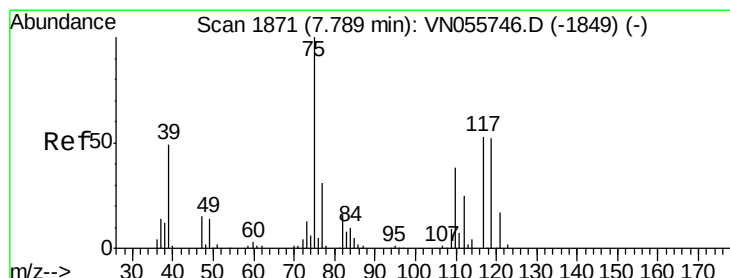
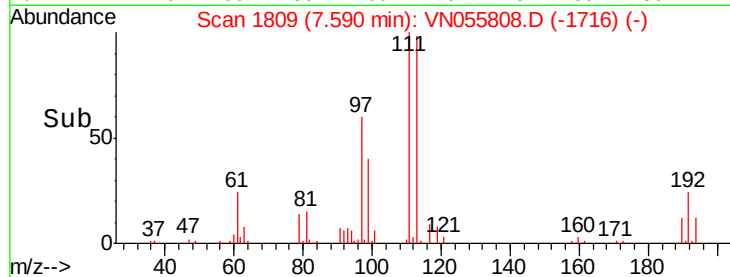
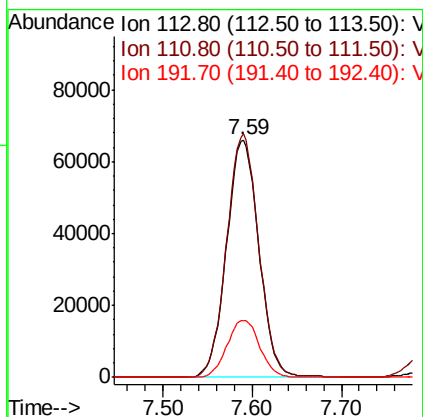
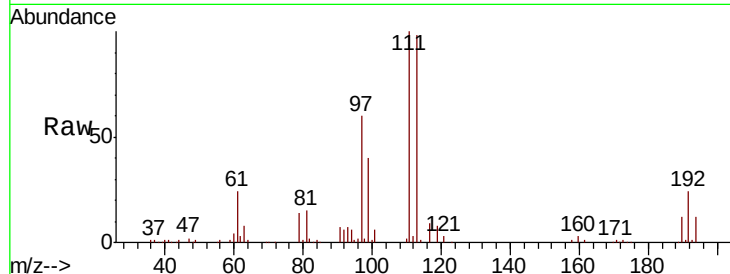




#35
 Dibromofluoromethane
 Concen: 51.219 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

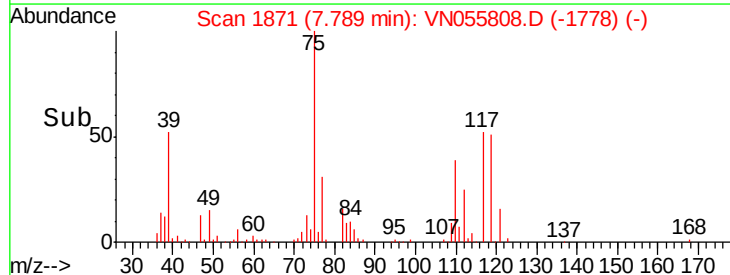
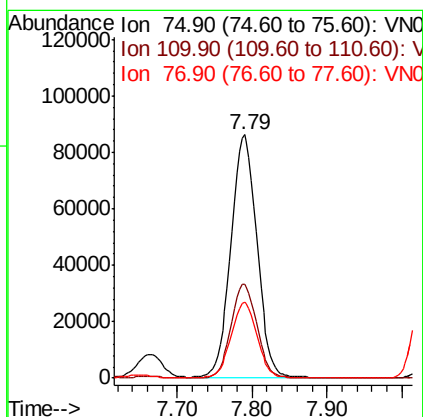
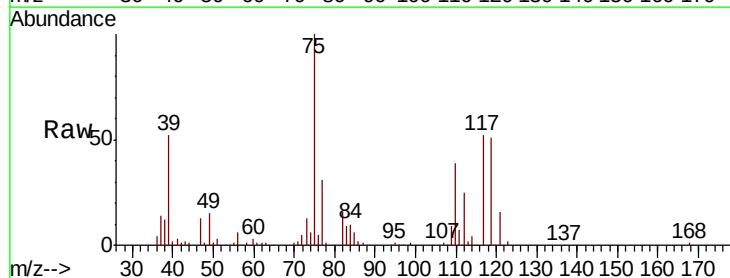
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

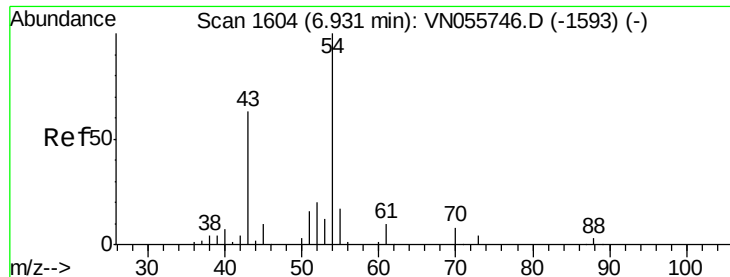
Tot Ion:113 Resp: 166089
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.9 122.9
 192 24.2 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 47.111 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion: 75 Resp: 210571
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.0 57.0
 77 31.0 25.1 37.7

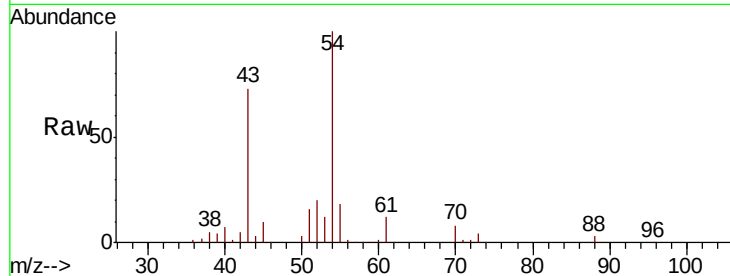




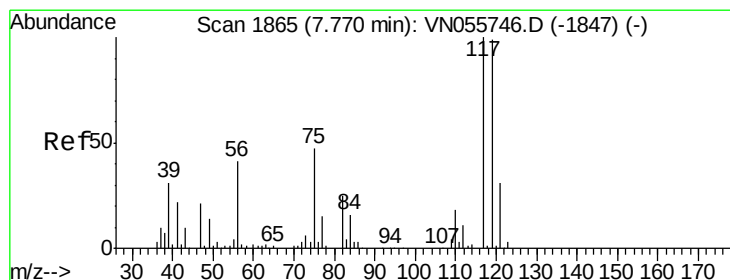
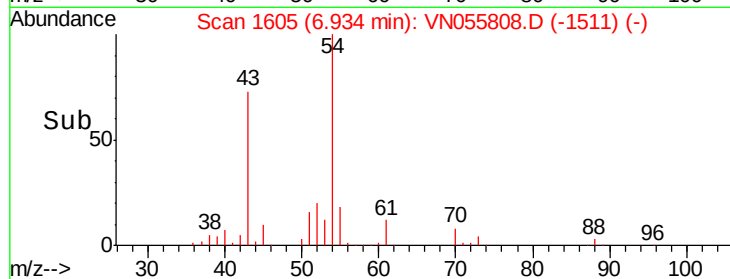
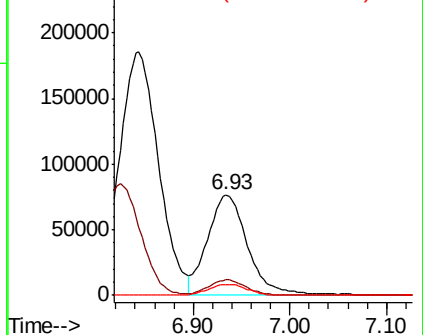
#37
Ethyl Acetate
Concen: 49.796 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 215118
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.2
70 11.0 8.9 13.3

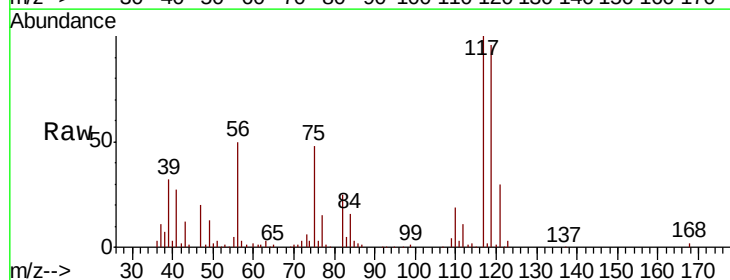


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

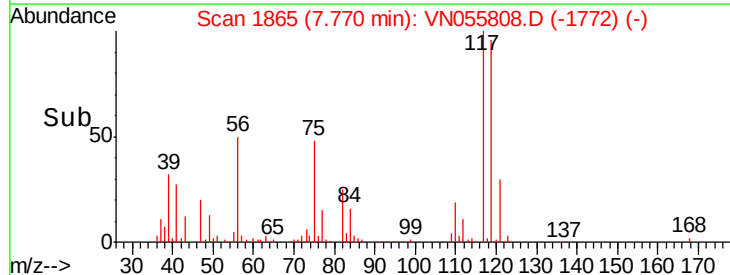
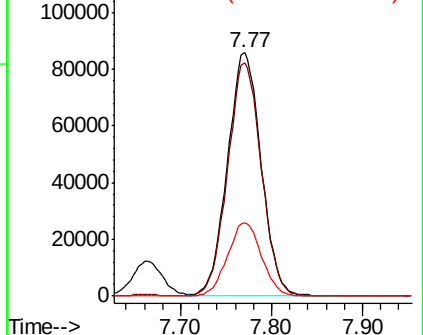


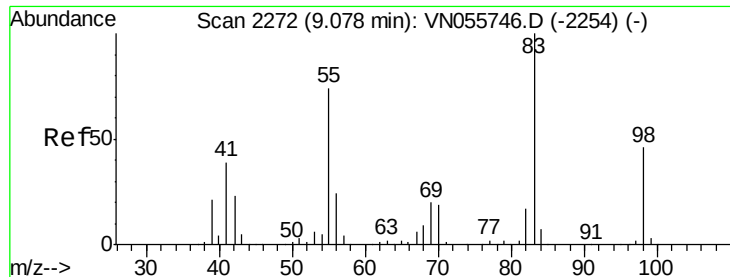
#38
Carbon Tetrachloride
Concen: 47.313 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Tgt Ion: 117 Resp: 220277
Ion Ratio Lower Upper
117 100
119 96.1 79.0 118.6
121 30.1 24.7 37.1



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

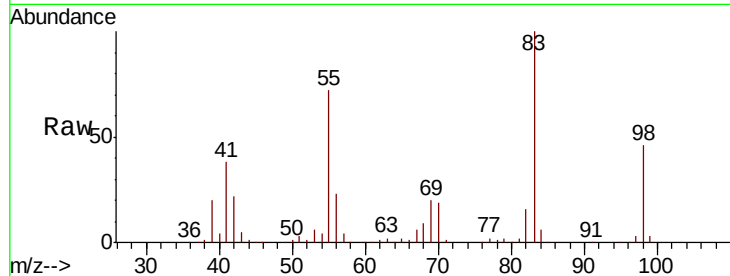




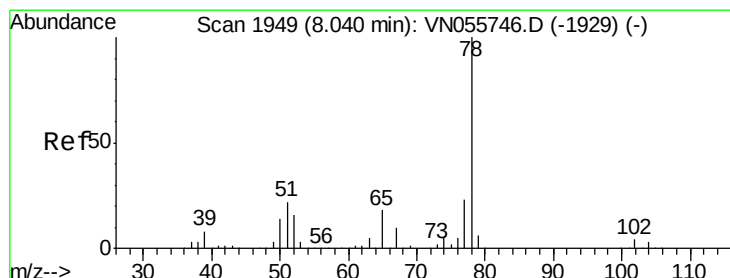
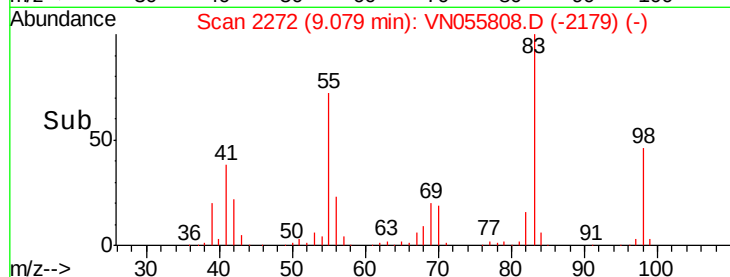
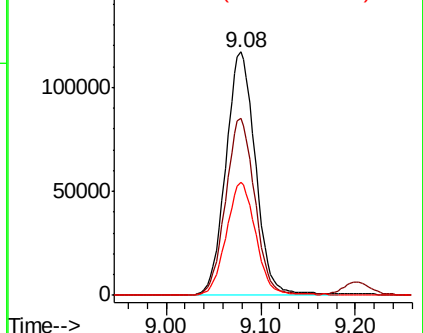
#39
Methylvlcyclohexane
Concen: 46.068 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 254982
Ion Ratio Lower Upper
83 100
55 72.5 59.3 88.9
98 46.2 36.6 54.8

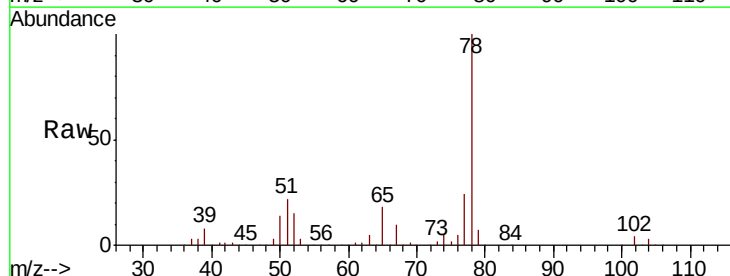


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

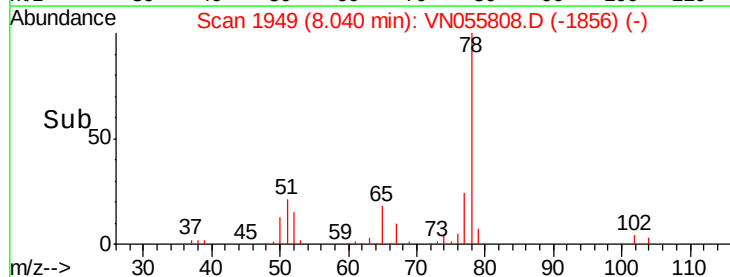
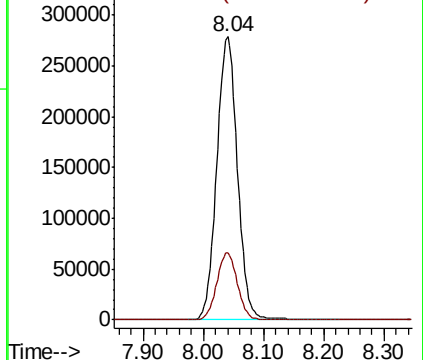


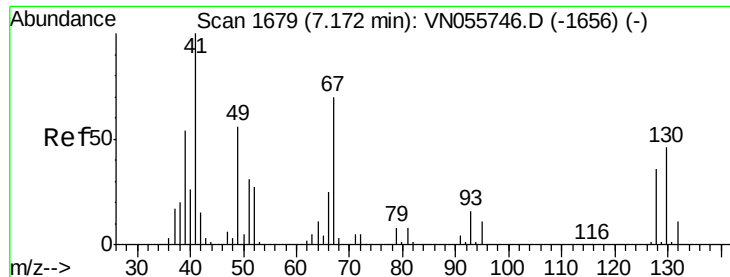
#40
Benzene
Concen: 48.516 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Tgt Ion: 78 Resp: 653552
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



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

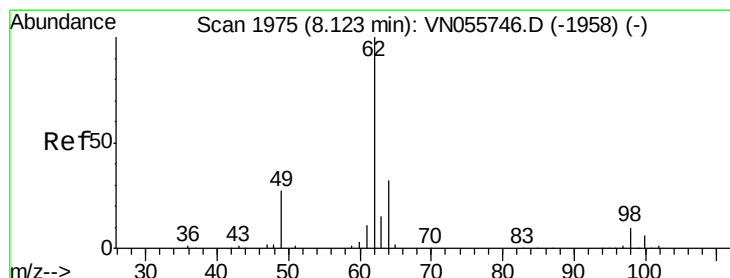
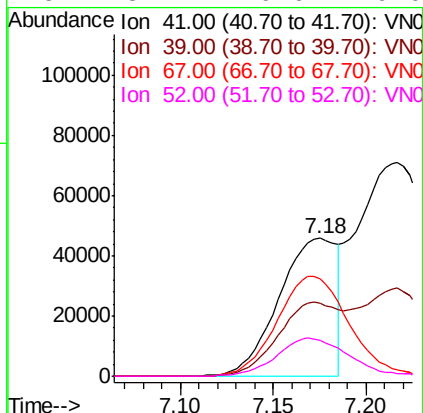
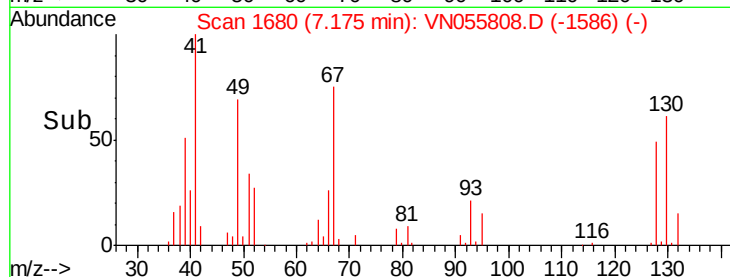
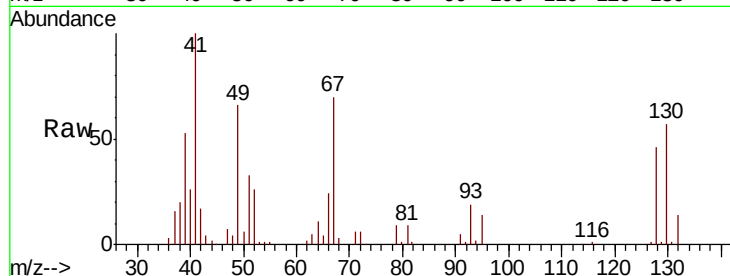




#41
Methacrylonitrile
Concen: 45.620 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

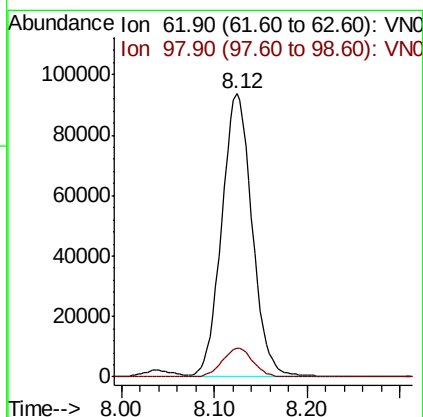
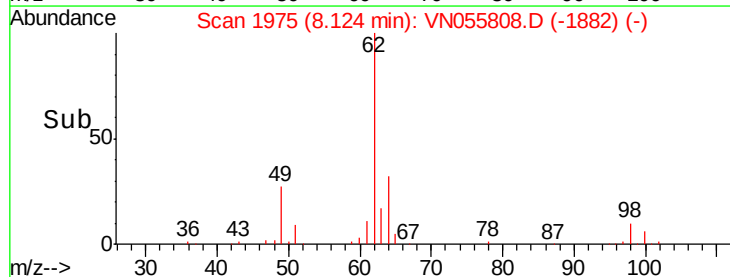
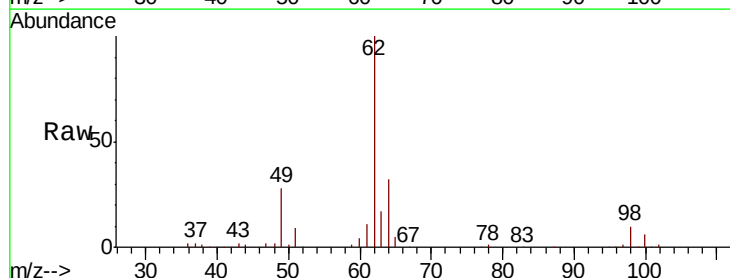
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

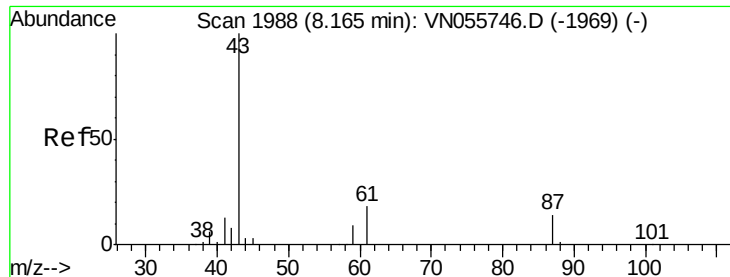
Tot Ion: 41 Resp: 99563
Ion Ratio Lower Upper
41 100
39 57.3 45.6 68.4
67 90.1 67.7 101.5
52 34.7 26.6 40.0



#42
1,2-Dichloroethane
Concen: 48.254 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Tgt Ion: 62 Resp: 212401
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2





#43

Isopropyl Acetate

Concen: 48.002 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

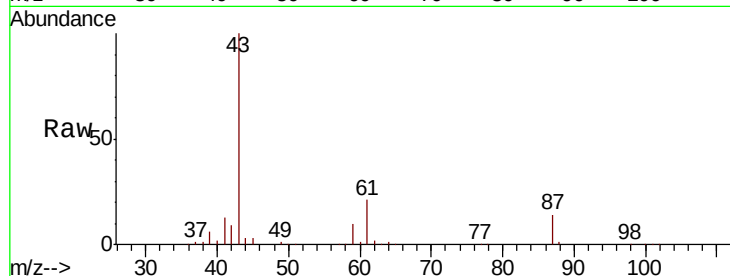
Tot Ion: 43 Resp: 348414

Ion Ratio Lower Upper

43 100

61 22.0 22.2 33.4#

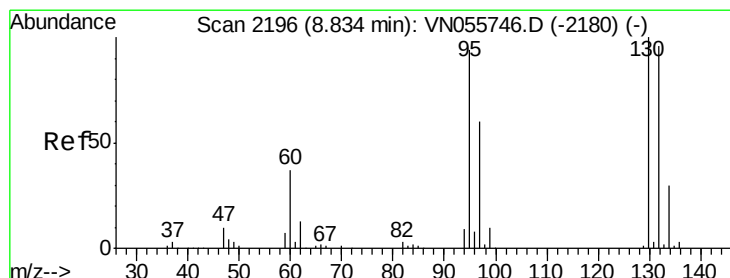
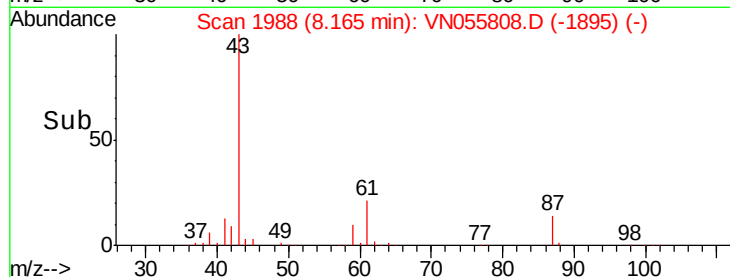
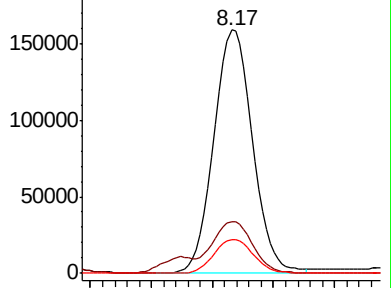
87 14.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)



#44

Trichloroethene

Concen: 50.061 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055808.D

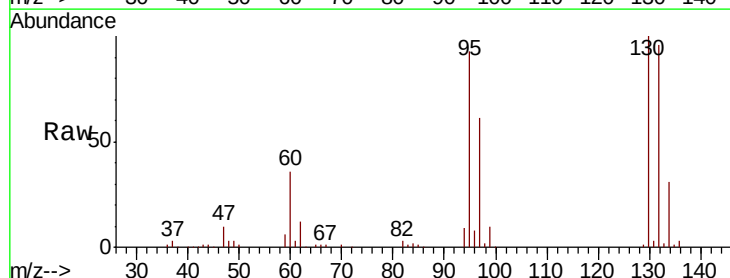
Acq: 24 May 2019 20:18

Tgt Ion:130 Resp: 187999

Ion Ratio Lower Upper

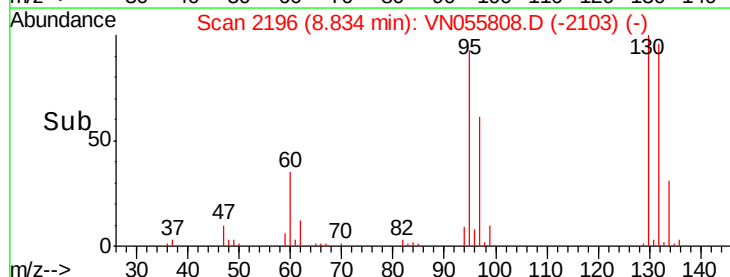
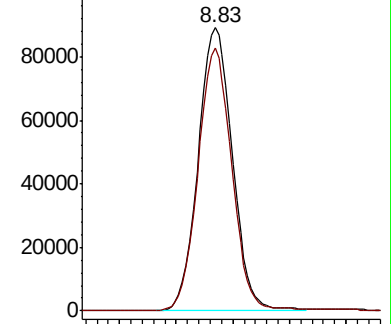
130 100

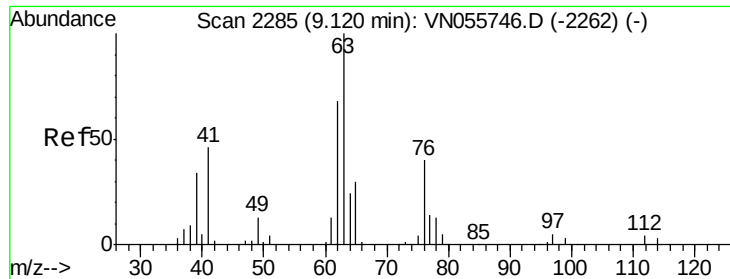
95 92.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055746.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055746.D (-2180) (-)

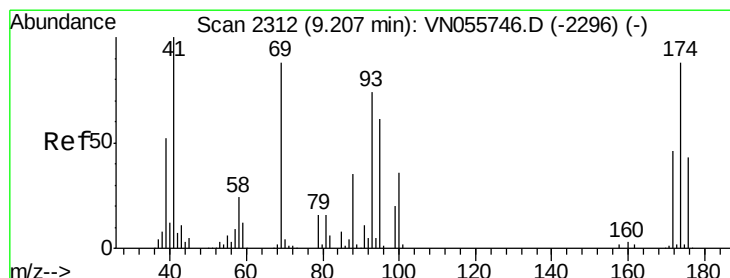
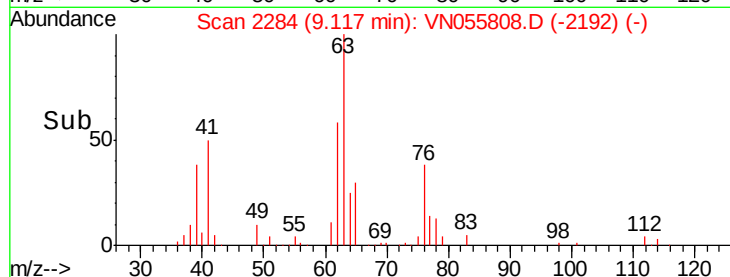
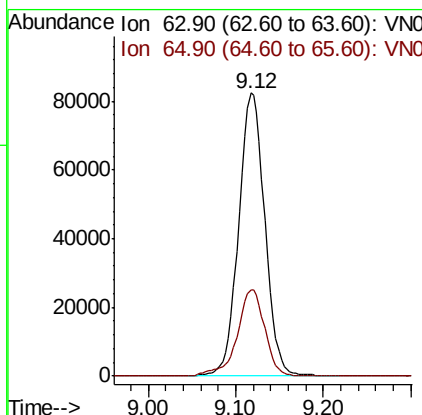
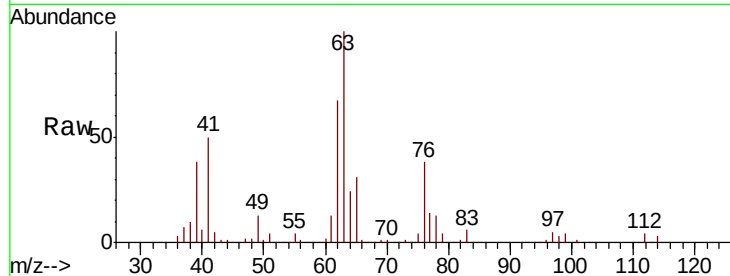




#45
 1,2-Dichloropropane
 Concen: 48.846 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

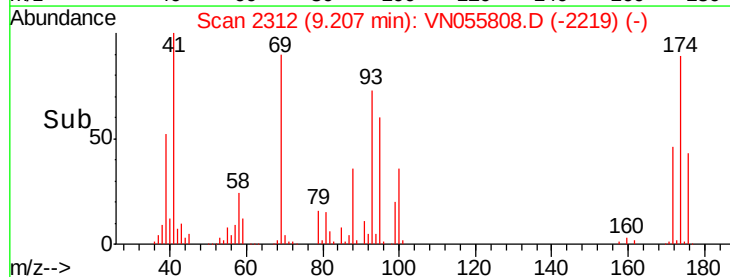
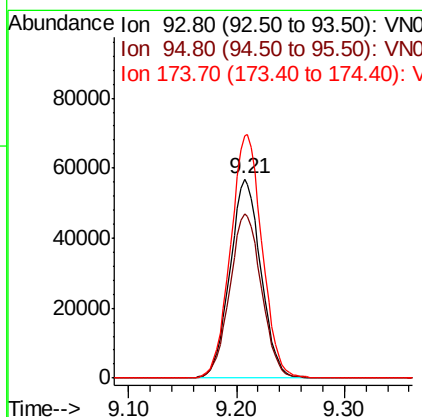
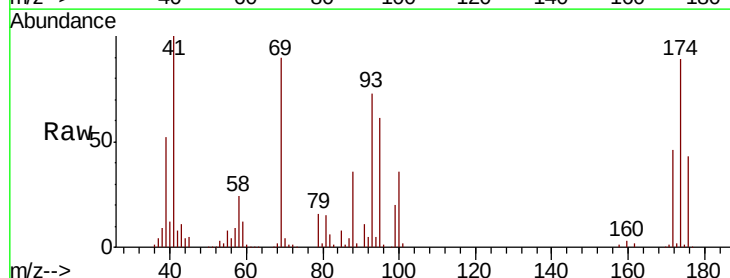
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

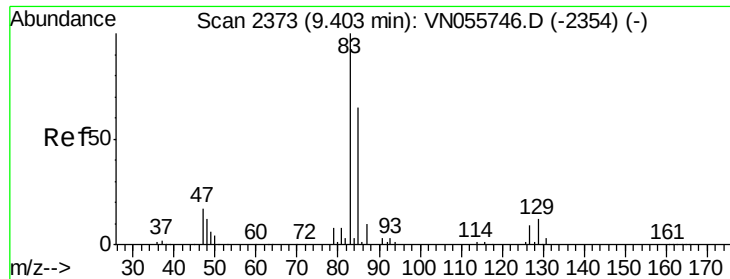
Tot Ion: 63 Resp: 171435
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8



#46
 Dibromomethane
 Concen: 49.332 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion: 93 Resp: 113548
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.7 100.1
 174 124.8 96.4 144.6





#47

Bromodichloromethane

Concen: 47.109 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

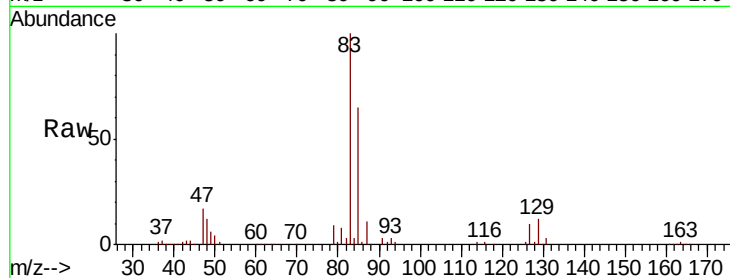
Tot Ion: 83 Resp: 222340

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.2

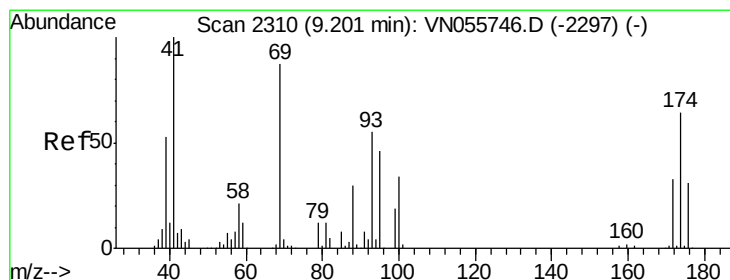
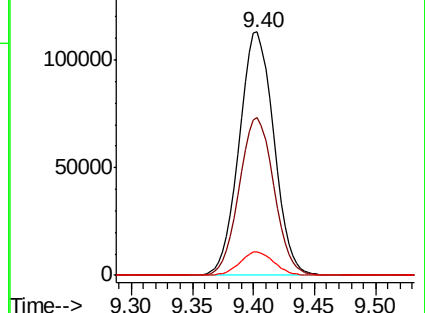
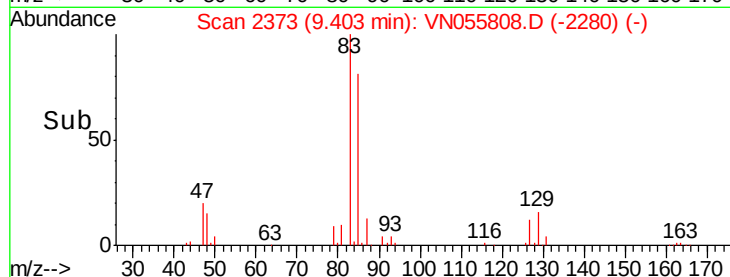
127 9.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055808.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055808.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055808.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.774 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

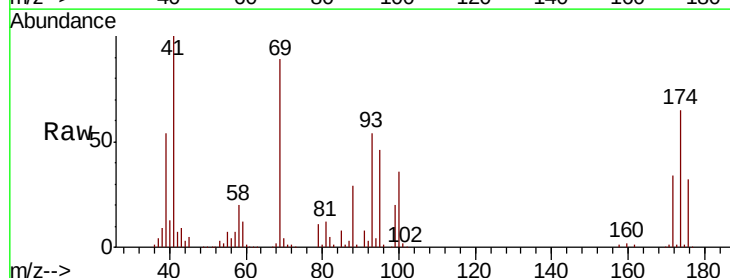
Tgt Ion: 41 Resp: 169845

Ion Ratio Lower Upper

41 100

69 89.6 71.0 106.6

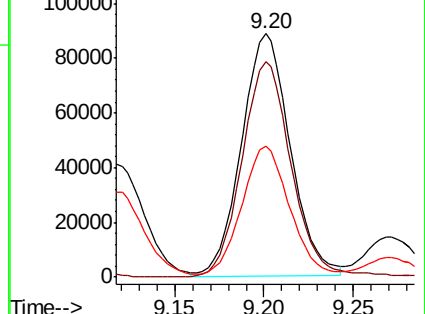
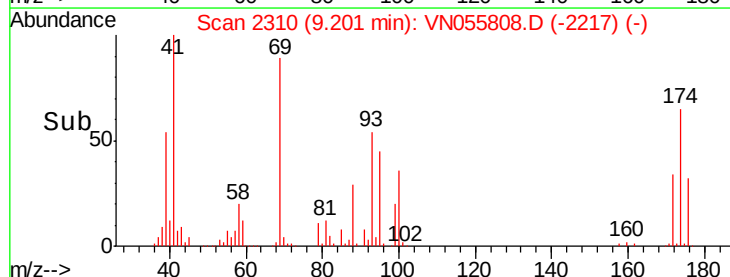
39 53.1 44.2 66.2

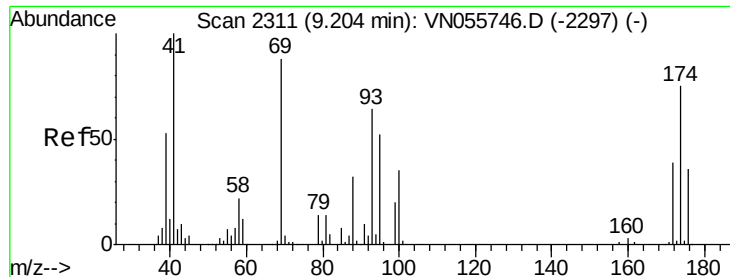


Abundance Ion 41.00 (40.70 to 41.70): VN055808.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055808.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055808.D (-2217) (-)





#49

1,4-Dioxane

Concen: 993.513 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

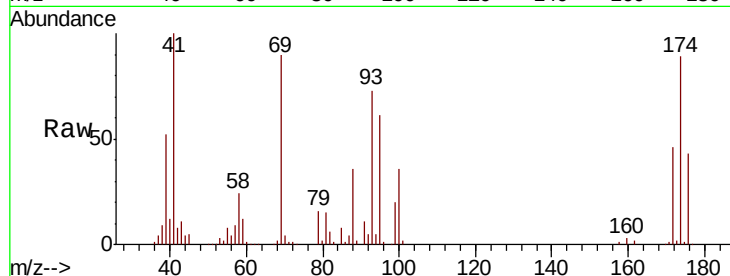
Tot Ion: 88 Resp: 69064

Ion Ratio Lower Upper

88 100

43 24.9 20.5 30.7

58 67.5 55.8 83.6

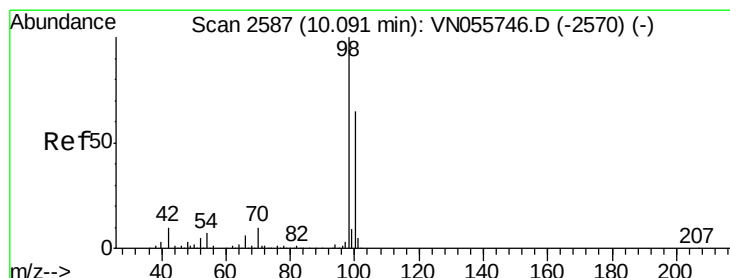
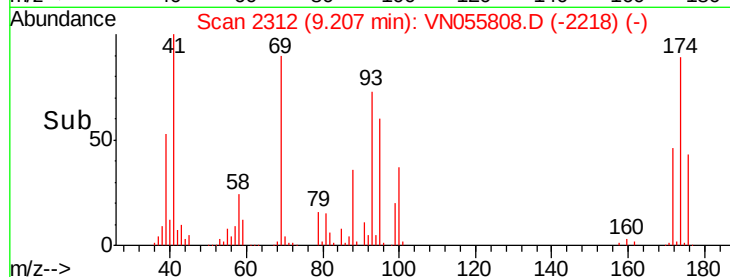
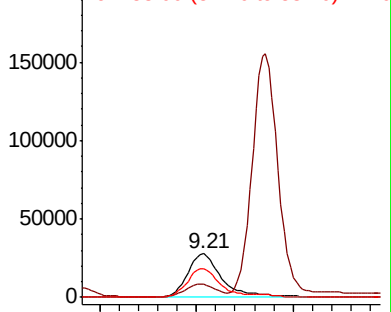


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.384 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055808.D

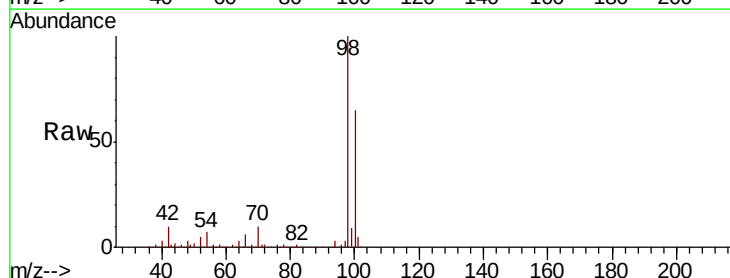
Acq: 24 May 2019 20:18

Tgt Ion: 98 Resp: 626709

Ion Ratio Lower Upper

98 100

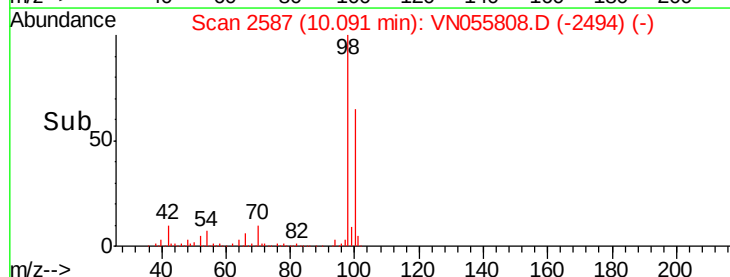
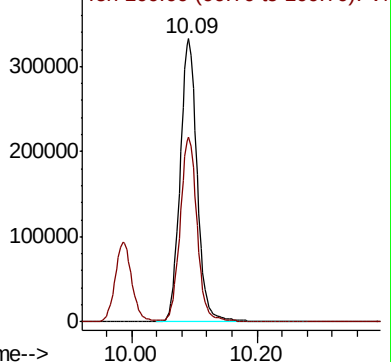
100 65.3 51.9 77.9

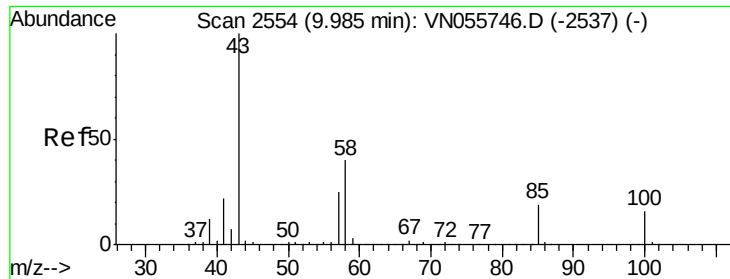


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 246.363 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

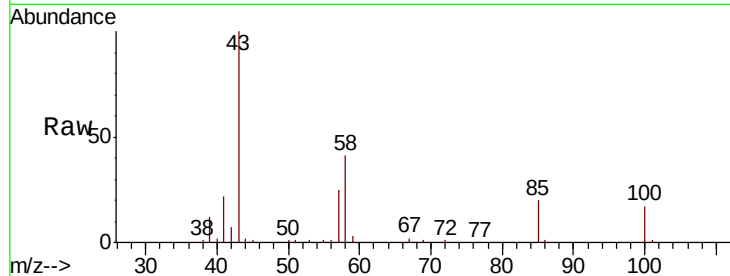
VSTDCCC050EC

Tot Ion: 43 Resp: 1056091

Ion Ratio Lower Upper

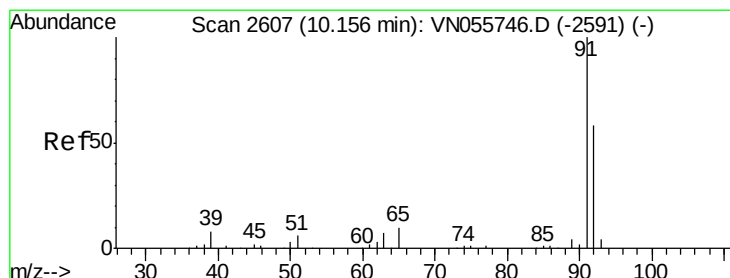
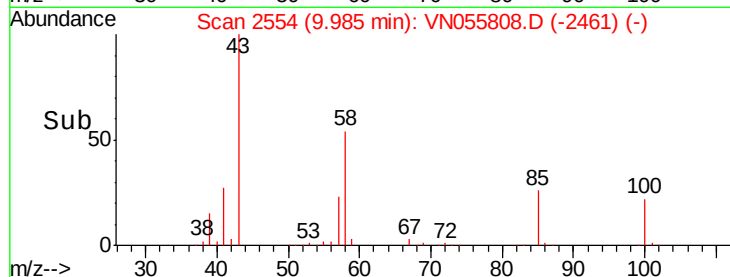
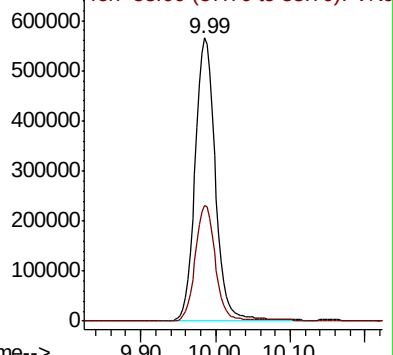
43 100

58 40.5 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.469 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055808.D

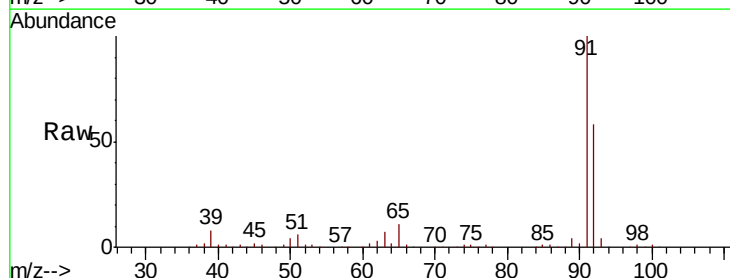
Acq: 24 May 2019 20:18

Tgt Ion: 92 Resp: 419111

Ion Ratio Lower Upper

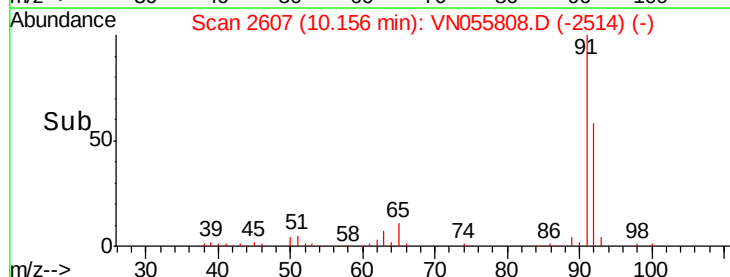
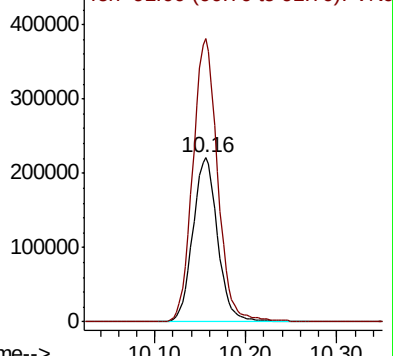
92 100

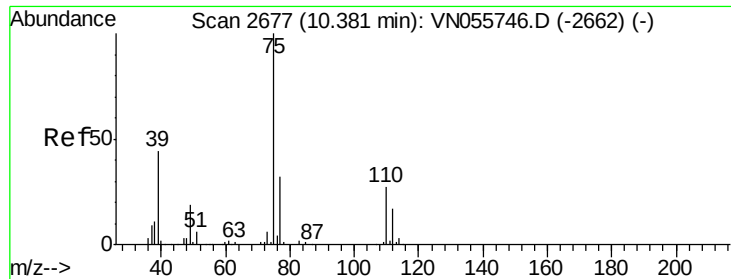
91 173.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 47.828 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

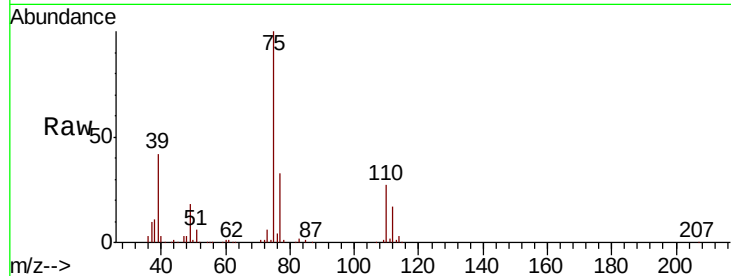
VSTDCCC050EC

Tot Ion: 75 Resp: 240951

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

150000

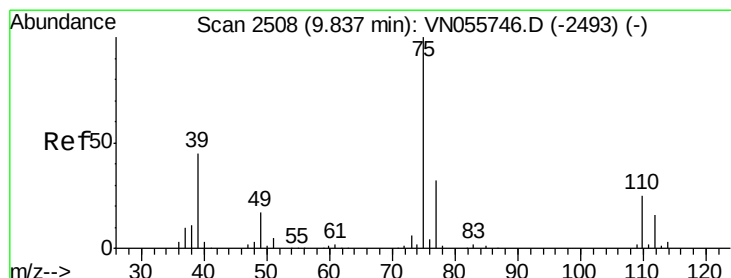
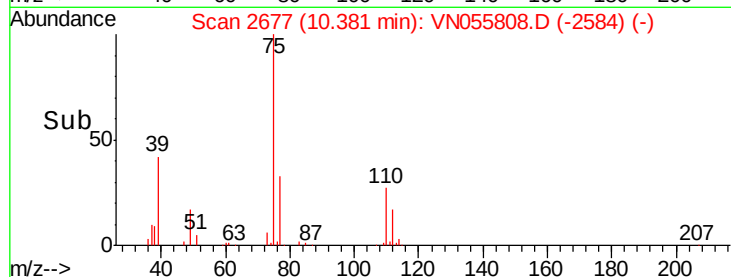
100000

50000

0

Time-->

10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 47.904 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

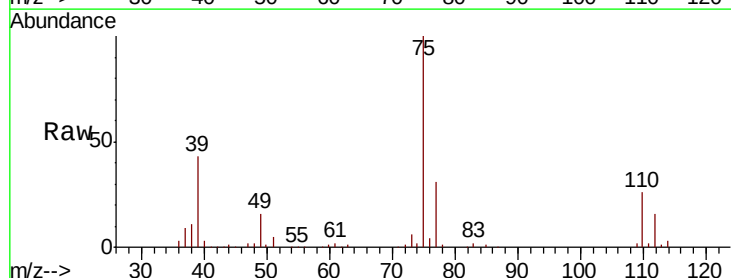
Tgt Ion: 75 Resp: 267355

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 43.0 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

150000

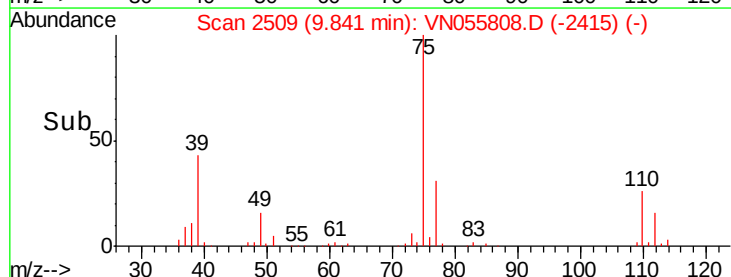
100000

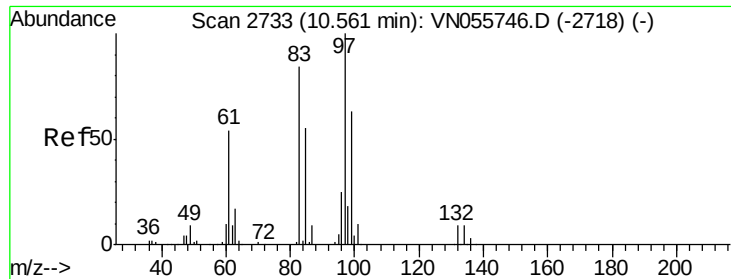
50000

0

Time-->

9.80 9.90 10.00

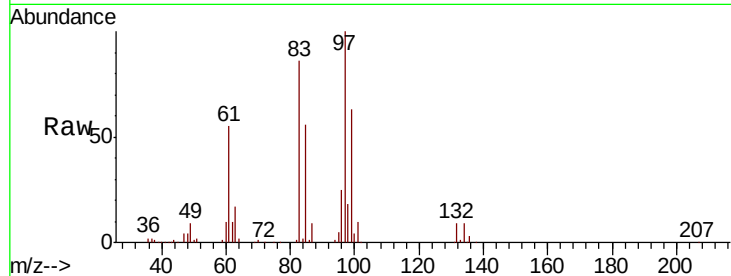




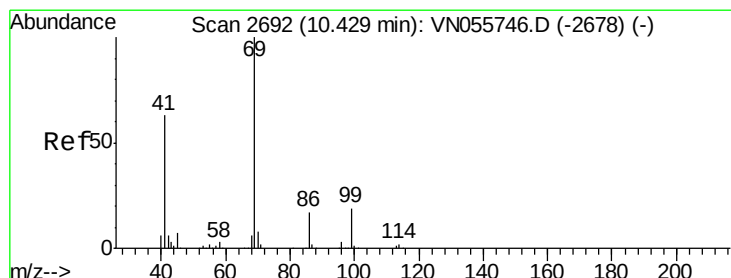
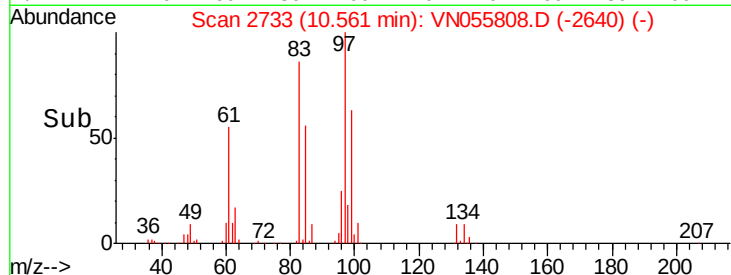
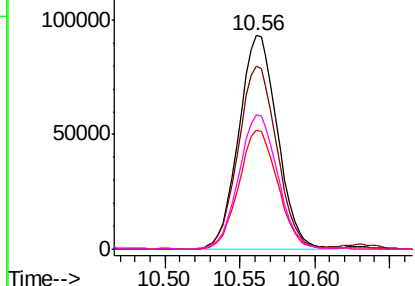
#55
 1,1,2-Trichloroethane
 Concen: 49.574 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 97 Resp: 168254
 Ion Ratio Lower Upper
 97 100
 83 85.8 67.0 100.6
 85 56.0 44.0 66.0
 99 62.6 50.6 75.8

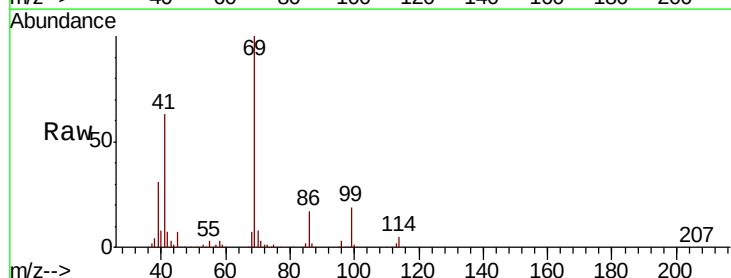


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

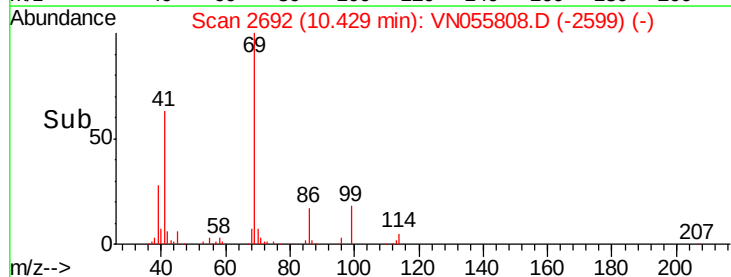
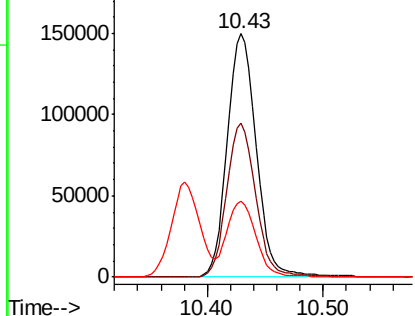


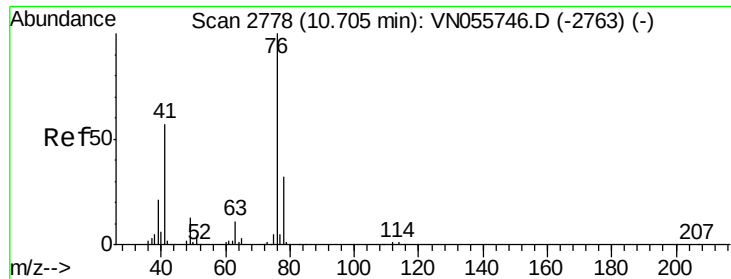
#56
 Ethyl methacrylate
 Concen: 49.360 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion: 69 Resp: 258911
 Ion Ratio Lower Upper
 69 100
 41 62.4 49.7 74.5
 39 31.1 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: 49.694 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

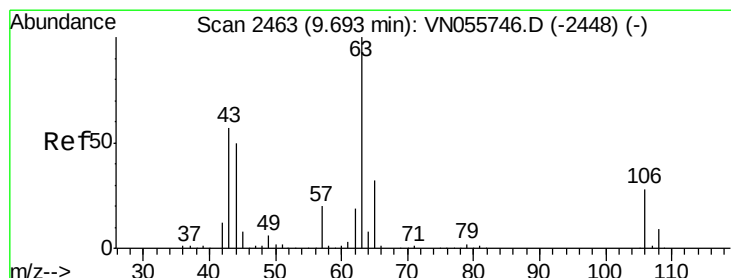
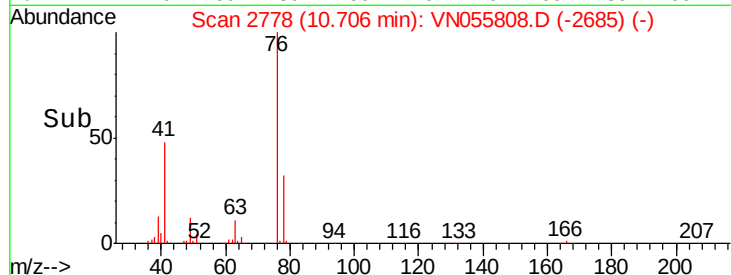
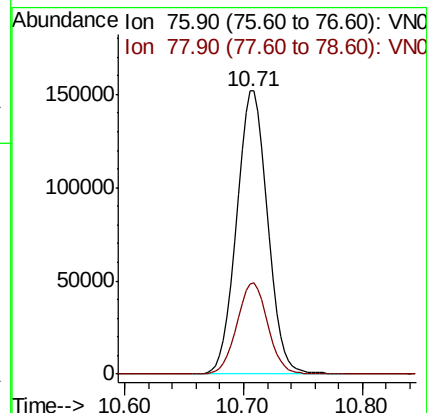
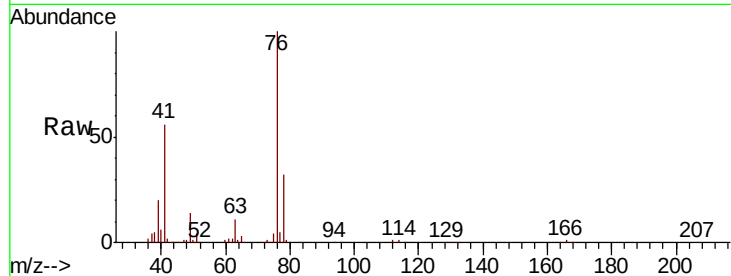
VSTDCCC050EC

Tot Ion: 76 Resp: 274157

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 251.603 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055808.D

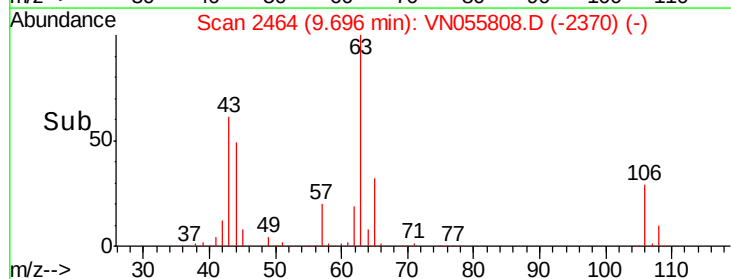
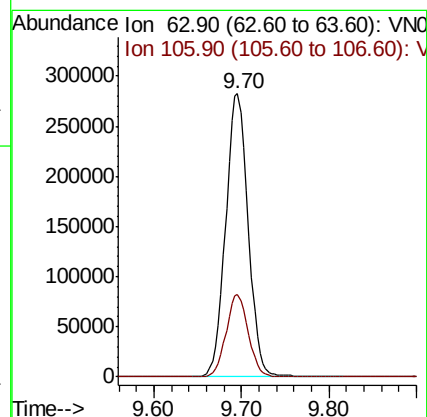
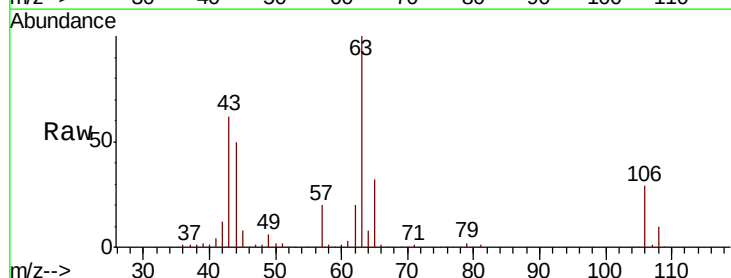
Acq: 24 May 2019 20:18

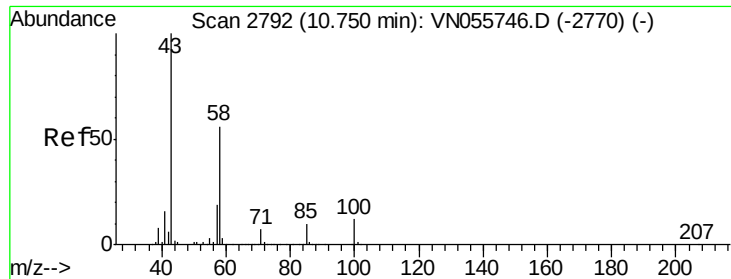
Tgt Ion: 63 Resp: 504356

Ion Ratio Lower Upper

63 100

106 28.7 22.7 34.1

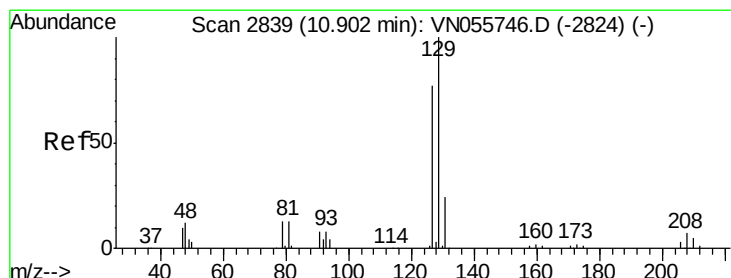
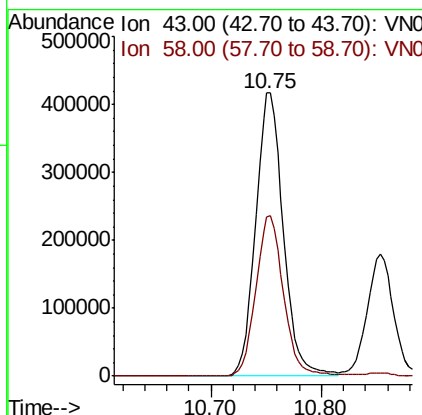
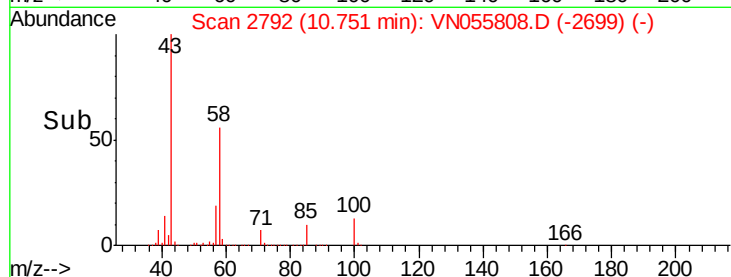
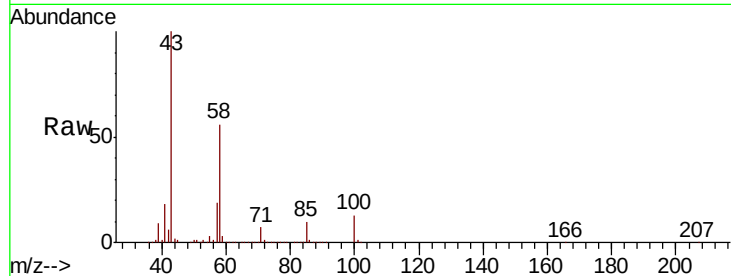




#59
2-Hexanone
Concen: 238.243 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

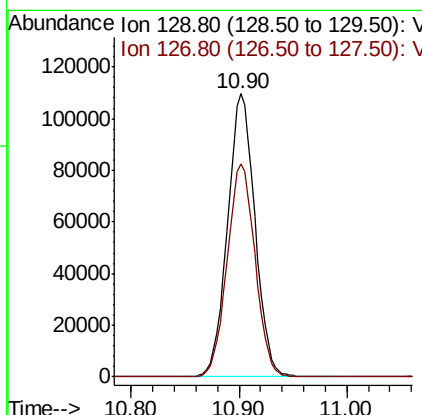
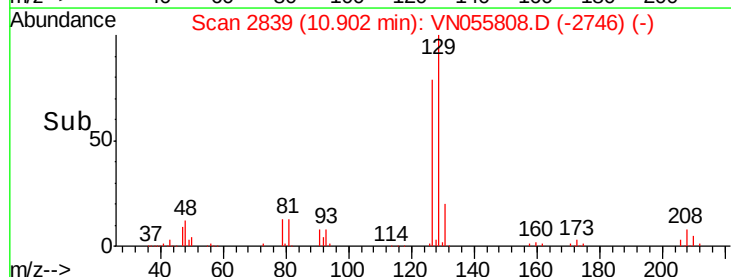
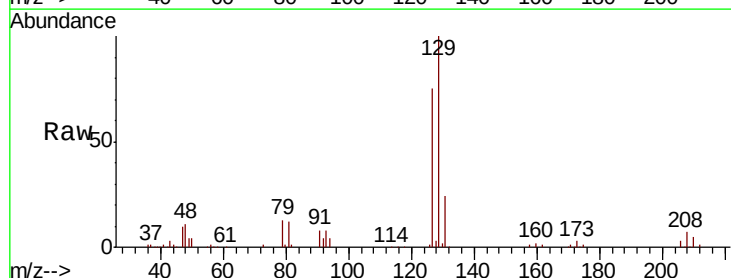
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

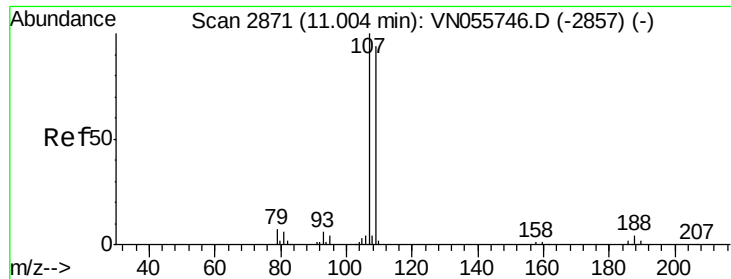
Tot Ion: 43 Resp: 724507
Ion Ratio Lower Upper
43 100
58 56.9 28.2 84.7



#60
Dibromochloromethane
Concen: 49.124 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Tgt Ion: 129 Resp: 194227
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.3

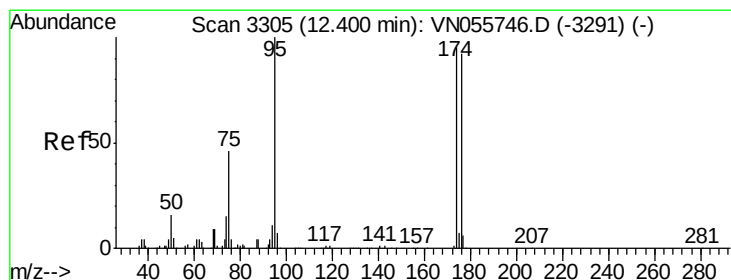
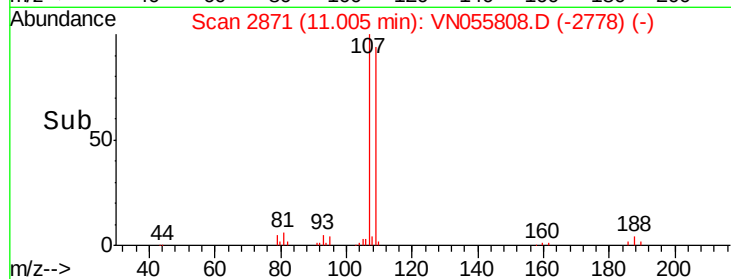
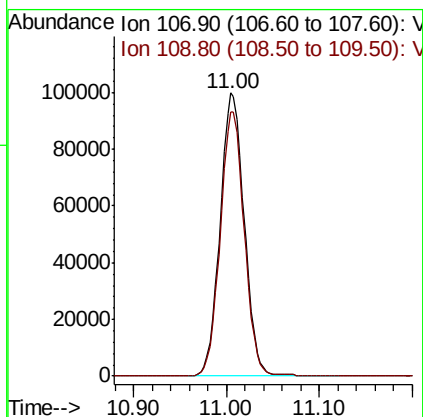
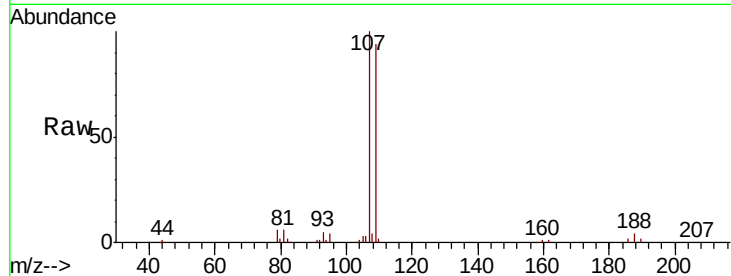




#61
 1,2-Dibromoethane
 Concen: 51.146 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

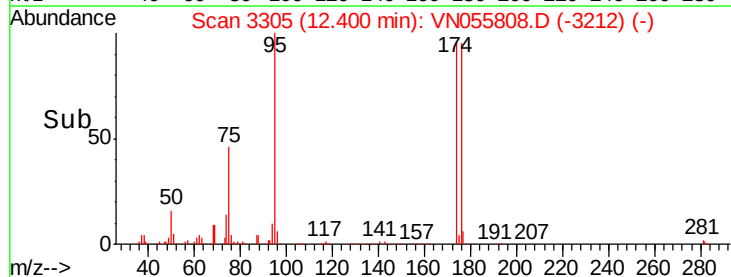
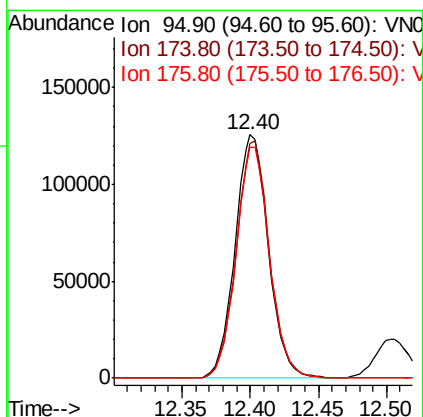
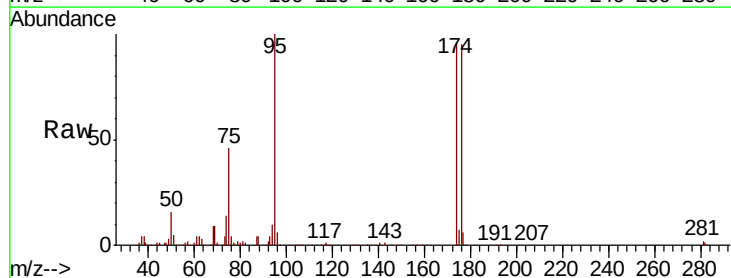
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

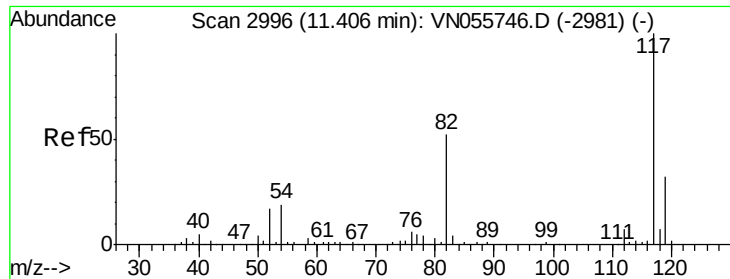
Tot Ion:107 Resp: 180058
 Ion Ratio Lower Upper
 107 100
 109 93.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.880 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion: 95 Resp: 212741
 Ion Ratio Lower Upper
 95 100
 174 96.8 0.0 191.0
 176 94.7 0.0 185.2

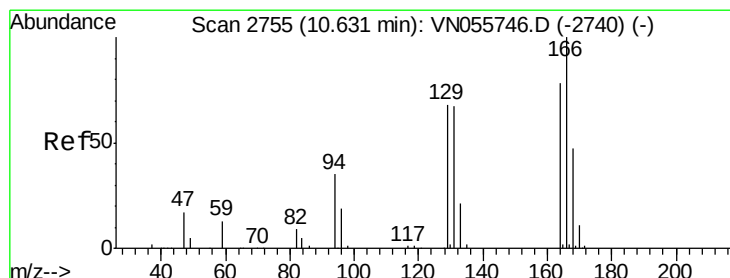
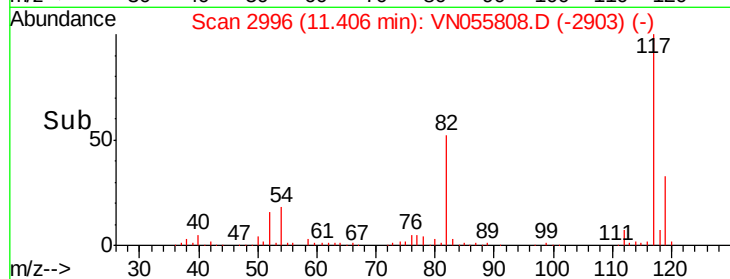
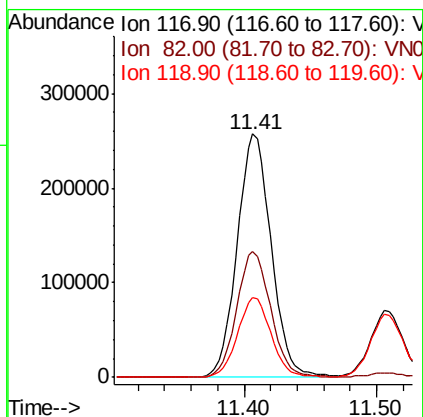
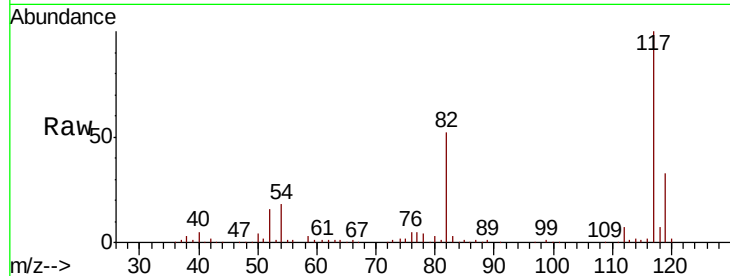




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

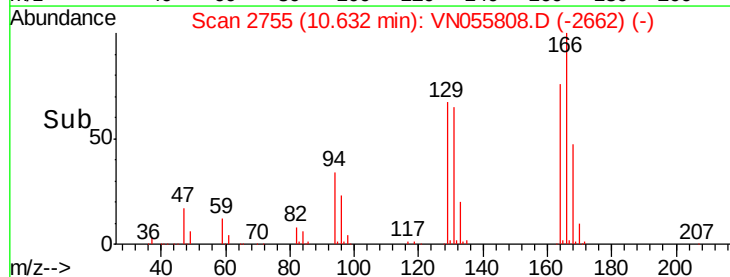
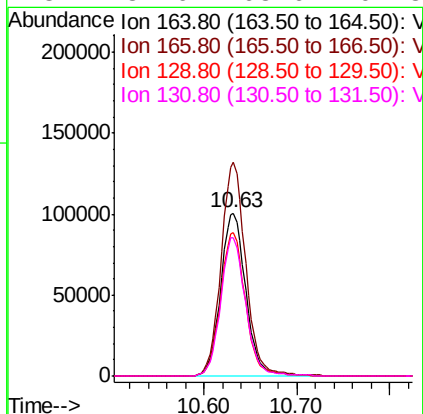
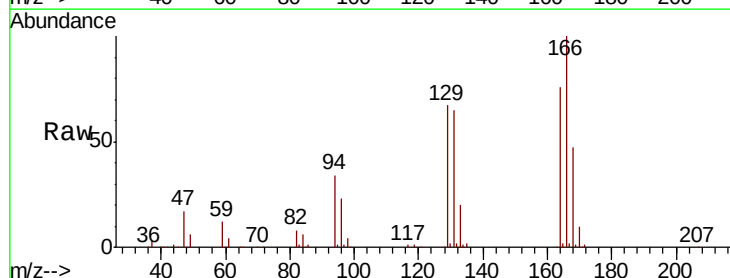
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

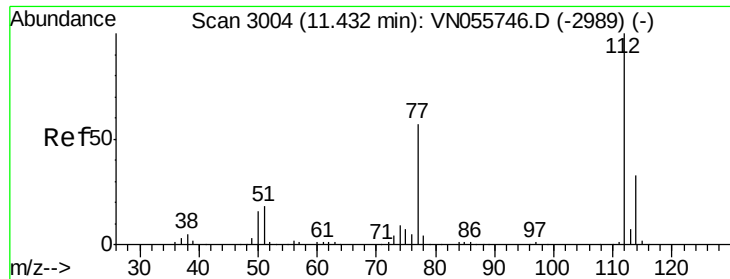
Tot Ion:117 Resp: 460298
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 48.715 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Tgt Ion:164 Resp: 189122
Ion Ratio Lower Upper
164 100
166 131.1 103.0 154.6
129 87.9 70.6 105.8
131 84.6 68.6 102.8

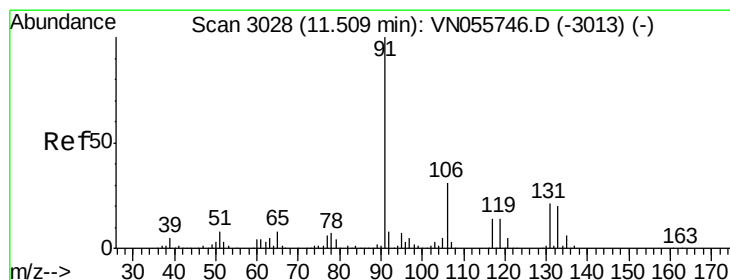
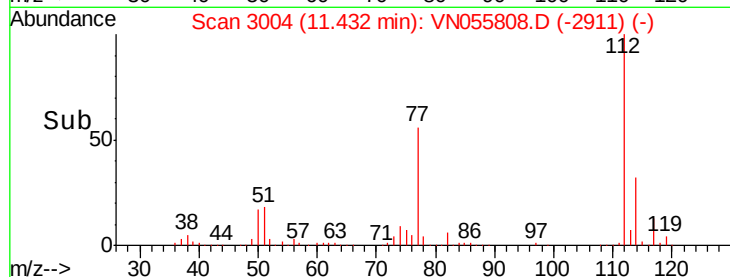
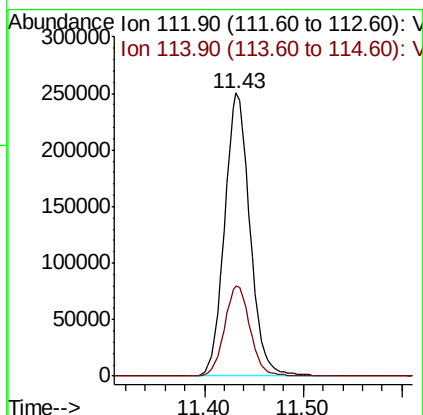
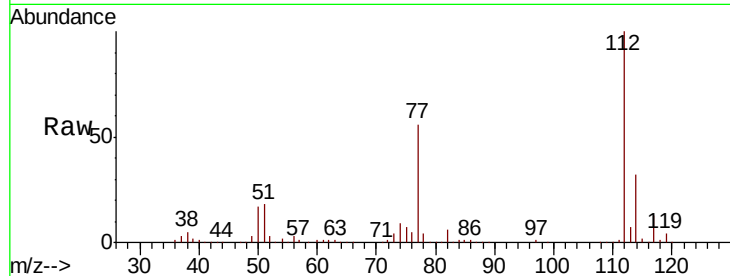




#65
Chlorobenzene
Concen: 49.016 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

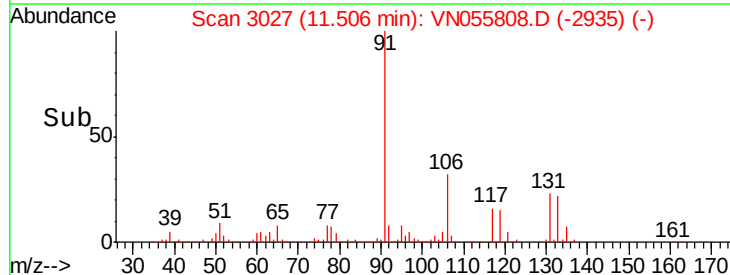
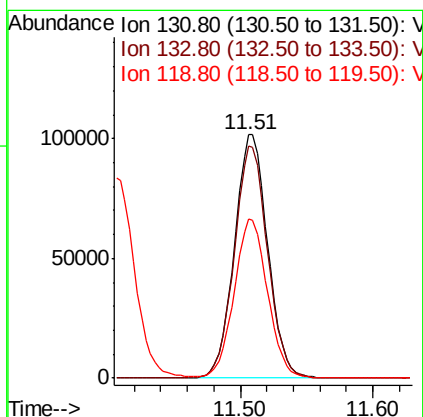
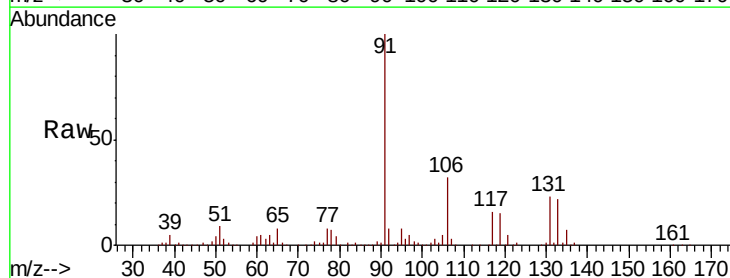
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

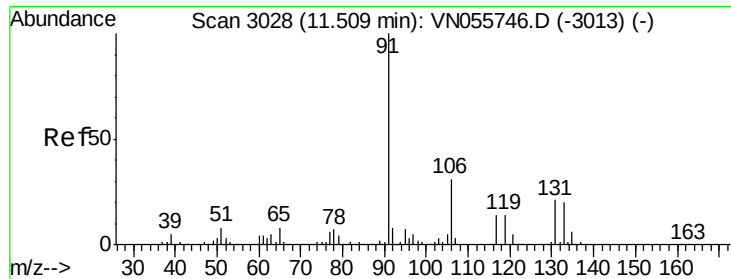
Tot Ion:112 Resp: 451661
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.135 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Tgt Ion:131 Resp: 176901
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 65.6 33.1 99.5

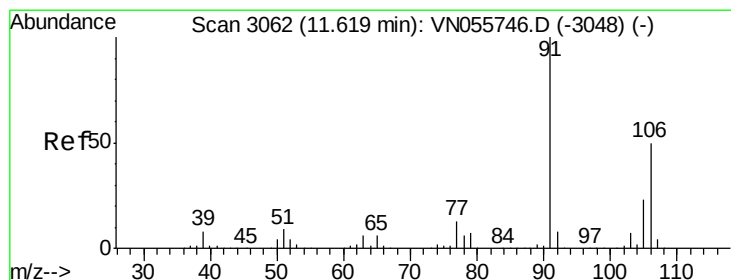
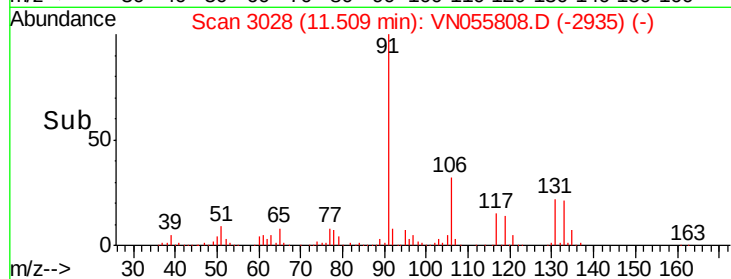
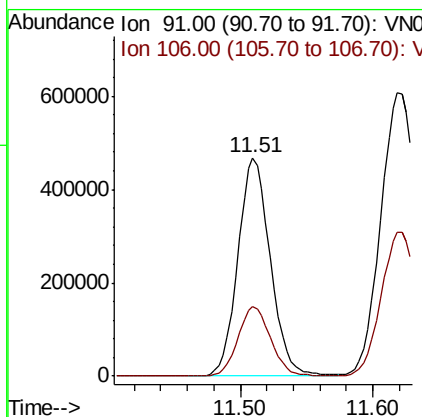
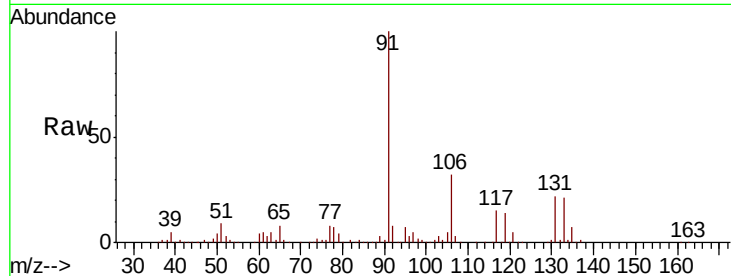




#67
Ethyl Benzene
Concen: 48.083 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

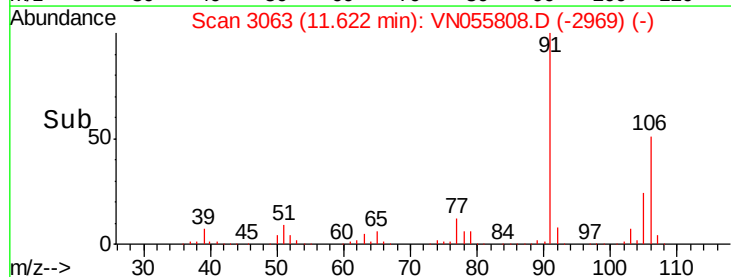
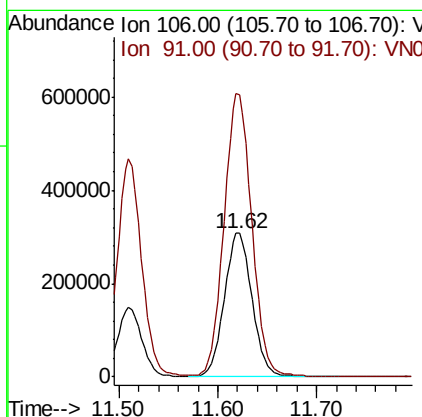
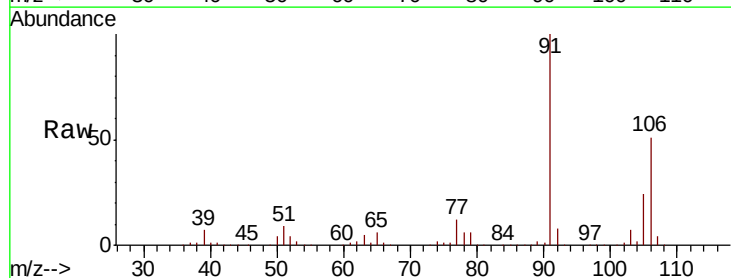
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

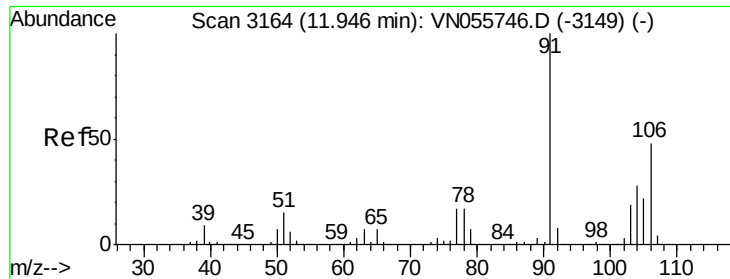
Tot Ion: 91 Resp: 794549
Ion Ratio Lower Upper
91 100
106 31.9 25.1 37.7



#68
m/p-Xylenes
Concen: 97.178 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Tgt Ion: 106 Resp: 607077
Ion Ratio Lower Upper
106 100
91 197.4 159.3 238.9

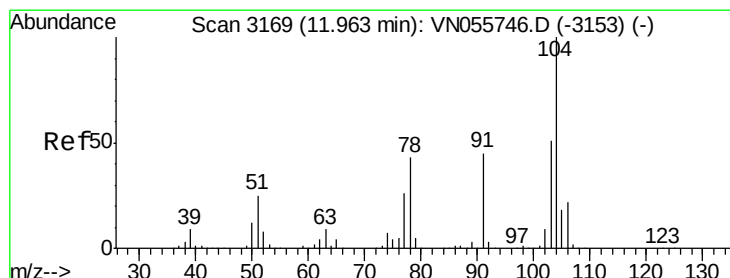
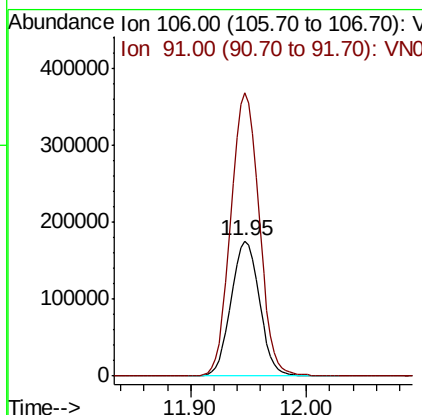
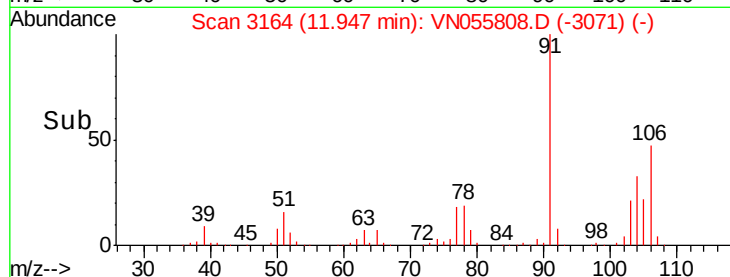
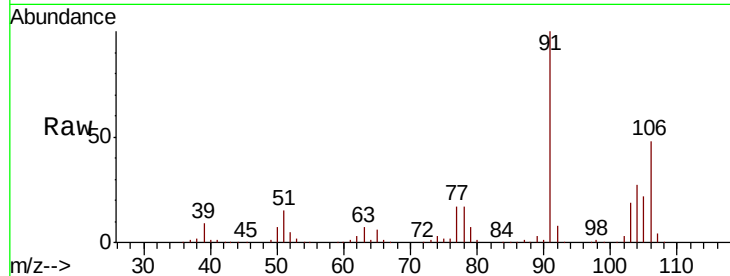




#69
o-Xylene
Concen: 48.231 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

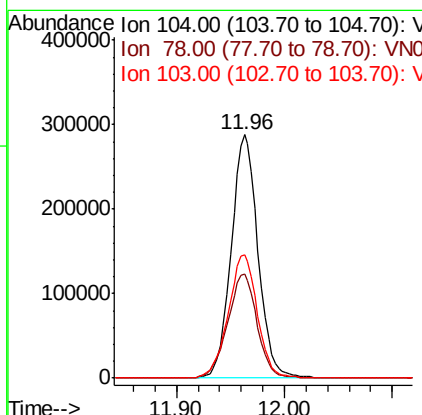
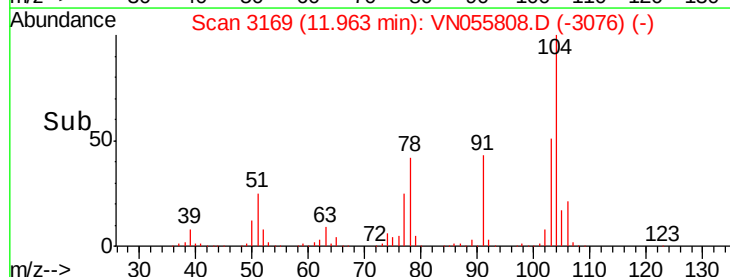
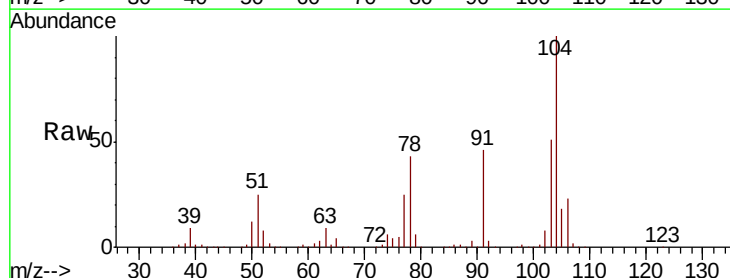
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

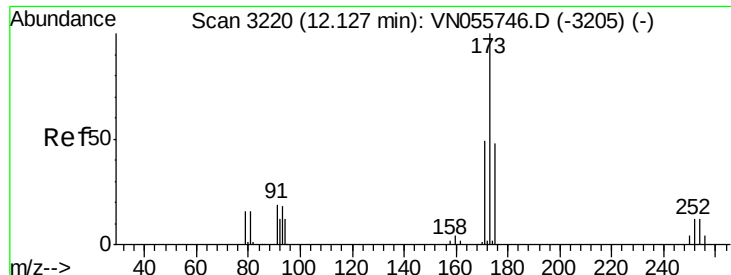
Tot Ion:106 Resp: 298935
Ion Ratio Lower Upper
106 100
91 209.0 104.7 314.1



#70
Styrene
Concen: 49.601 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055808.D
Acq: 24 May 2019 20:18

Tgt Ion:104 Resp: 497845
Ion Ratio Lower Upper
104 100
78 47.0 37.8 56.6
103 55.2 44.2 66.2





#71

Bromoform

Concen: 47.492 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

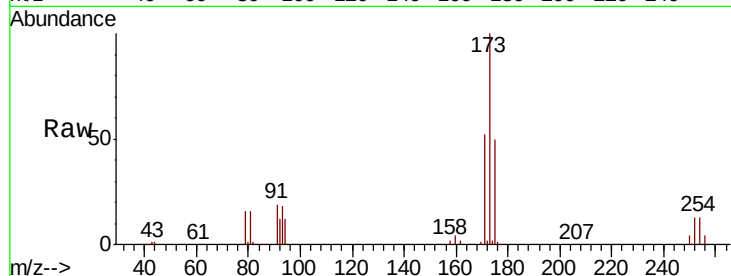
Tot Ion:173 Resp: 148874

Ion Ratio Lower Upper

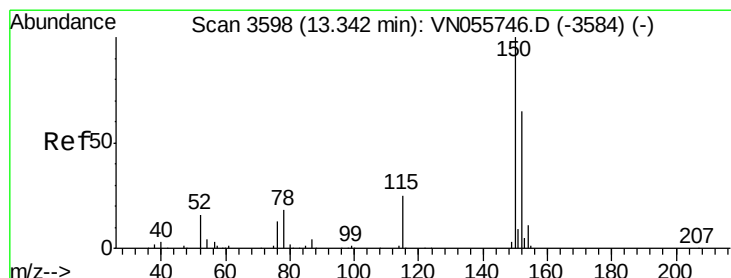
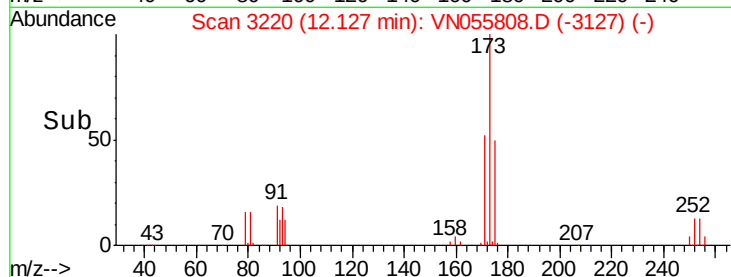
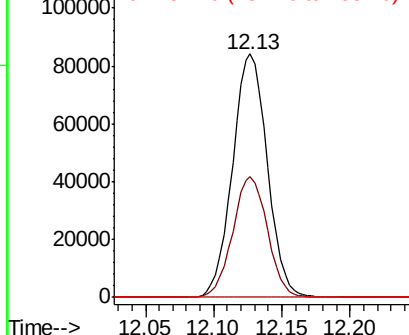
173 100

175 49.5 24.3 72.8

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

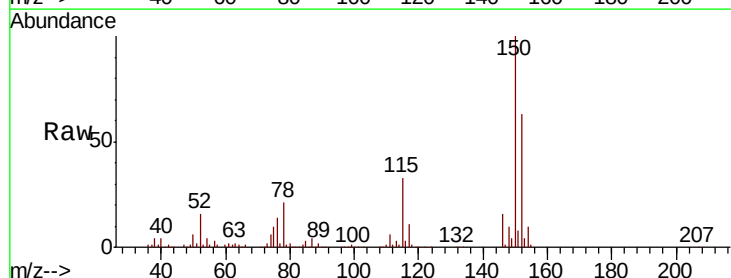
Tgt Ion:152 Resp: 203383

Ion Ratio Lower Upper

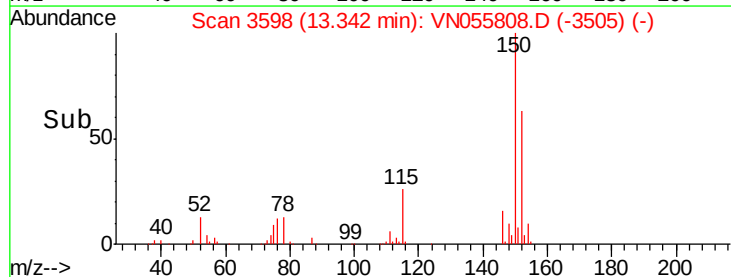
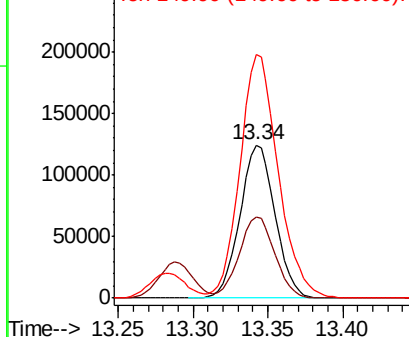
152 100

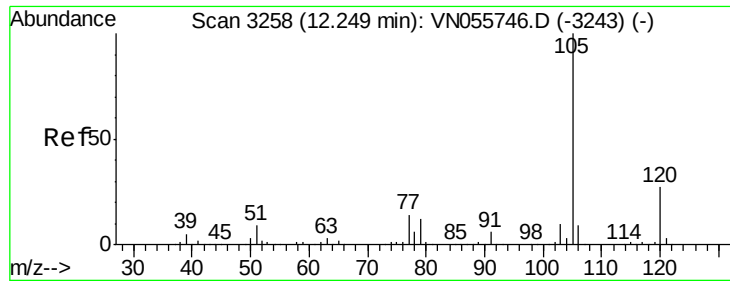
115 53.6 27.0 81.0

150 173.0 0.0 343.2



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





#73

Isopropylbenzene

Concen: 54.350 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

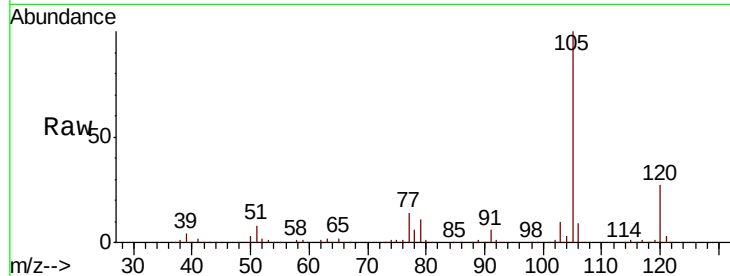
VSTDCCC050EC

Tot Ion:105 Resp: 782949

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

500000

400000

300000

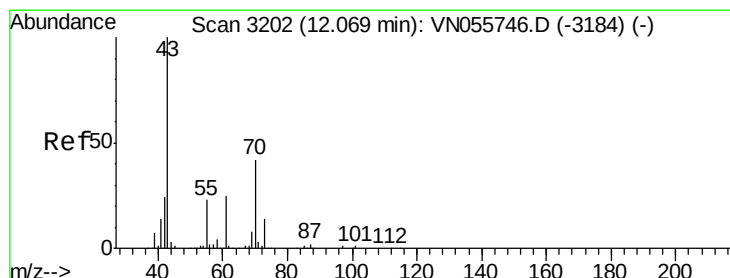
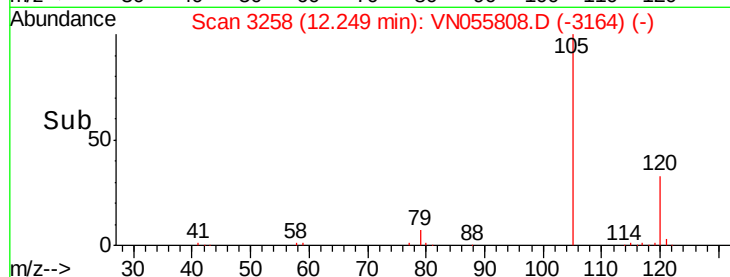
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 50.914 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Tgt Ion: 43 Resp: 280177

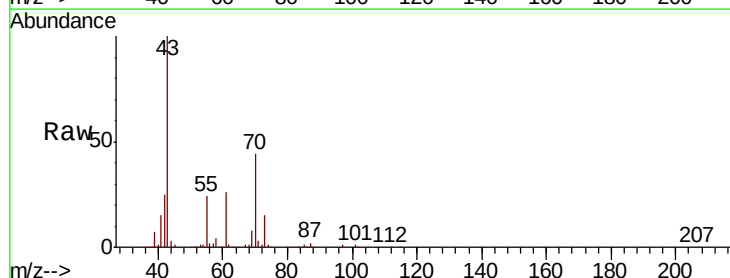
Ion Ratio Lower Upper

43 100

70 43.6 34.0 51.0

55 24.2 18.6 28.0

61 25.6 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

250000

200000

150000

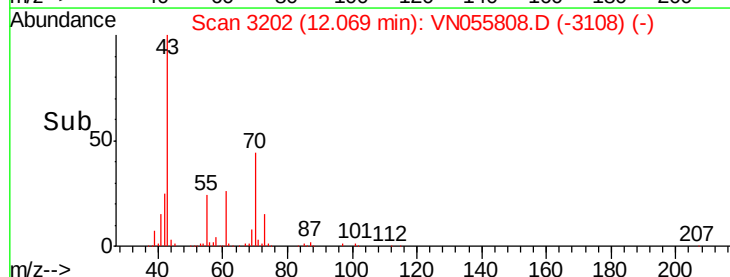
100000

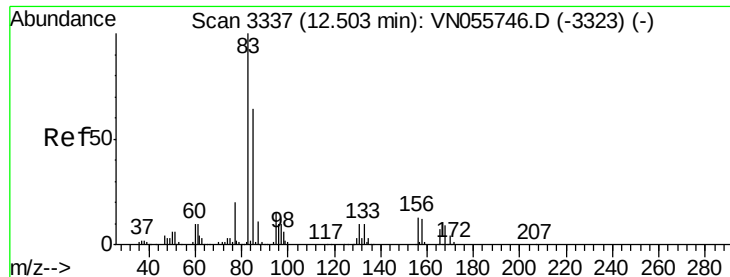
50000

0

Time-->

12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 53.967 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

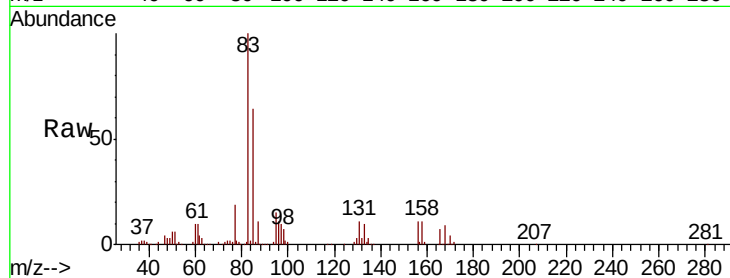
Tot Ion: 83 Resp: 230115

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.4	16.2
85	64.0	32.4	97.0

83 100

131 10.8 5.4 16.2

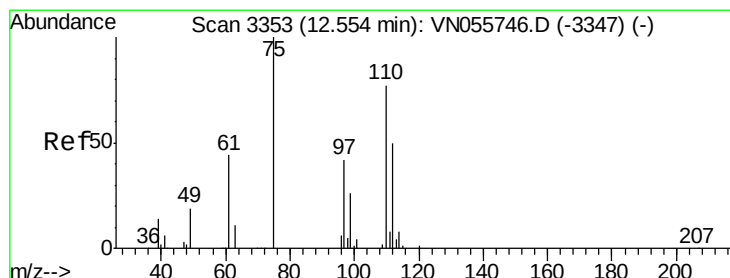
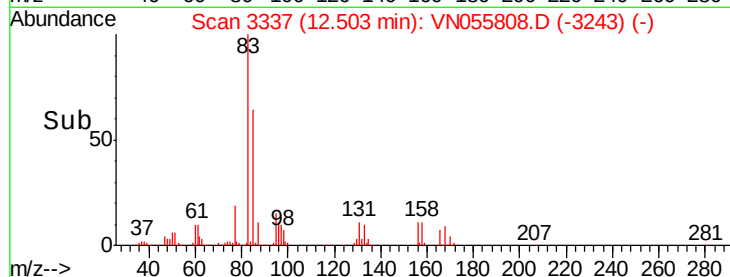
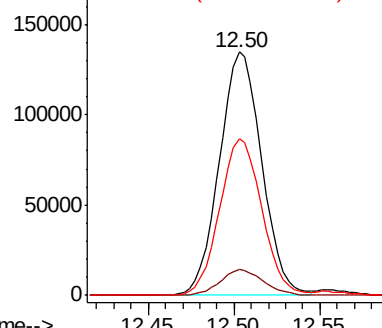
85 64.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 82.282 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055808.D

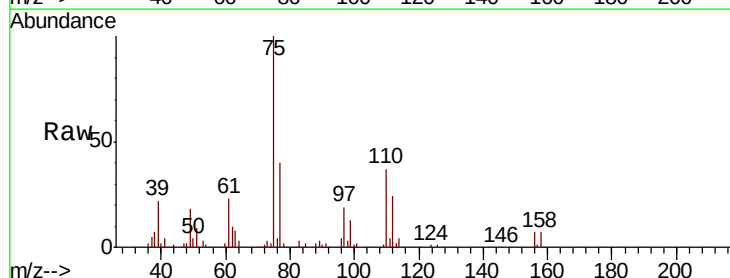
Acq: 24 May 2019 20:18

Tgt Ion: 75 Resp: 281036

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

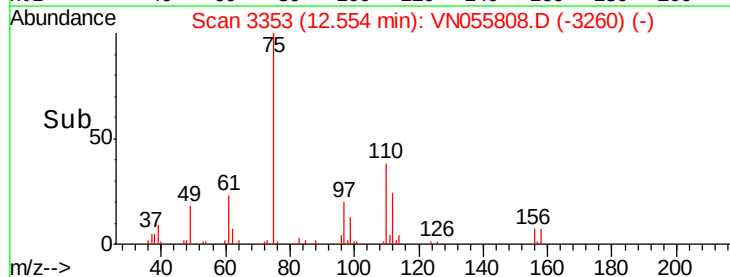
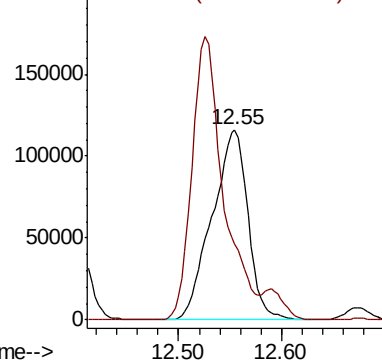
75 100

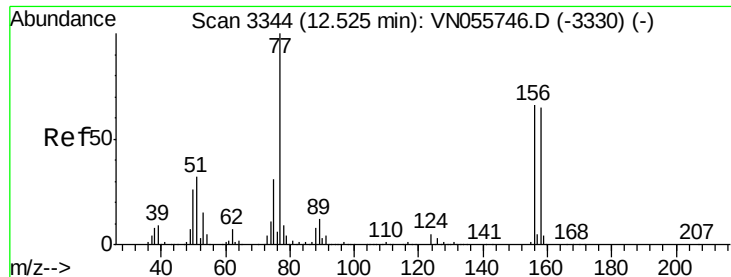
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.771 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

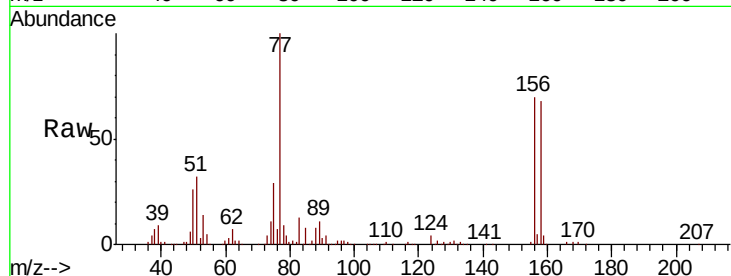
Tot Ion:156 Resp: 211666

Ion Ratio Lower Upper

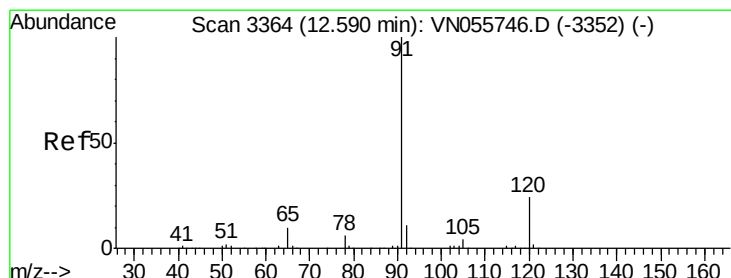
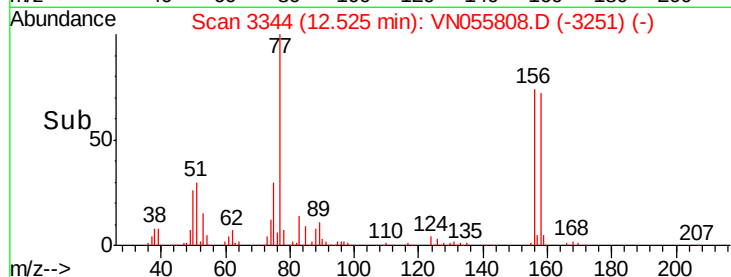
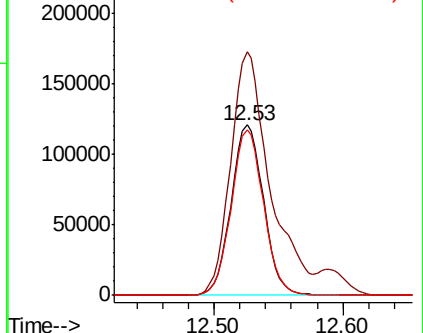
156 100

77 173.0 90.8 272.5

158 96.9 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.089 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055808.D

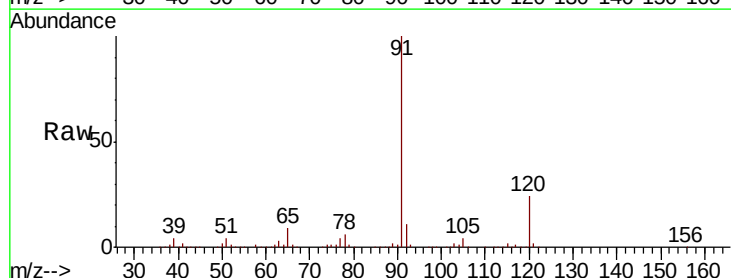
Acq: 24 May 2019 20:18

Tgt Ion: 91 Resp: 832385

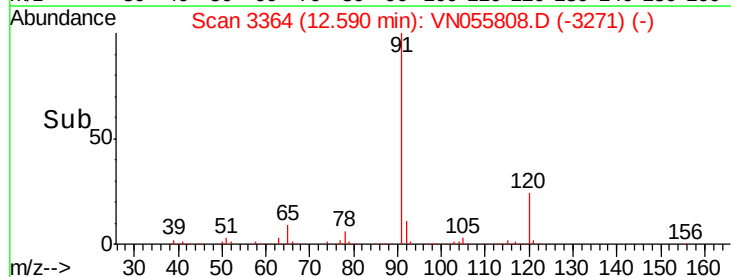
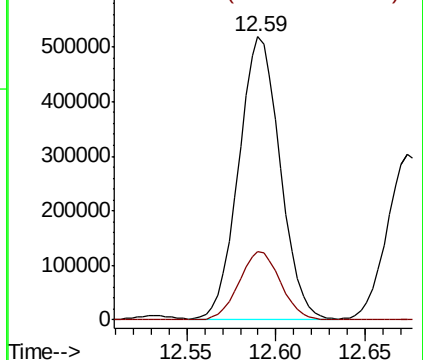
Ion Ratio Lower Upper

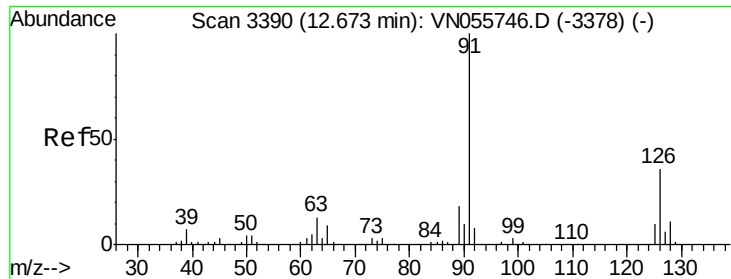
91 100

120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V

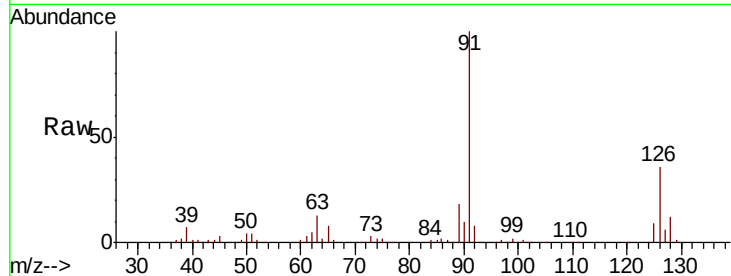




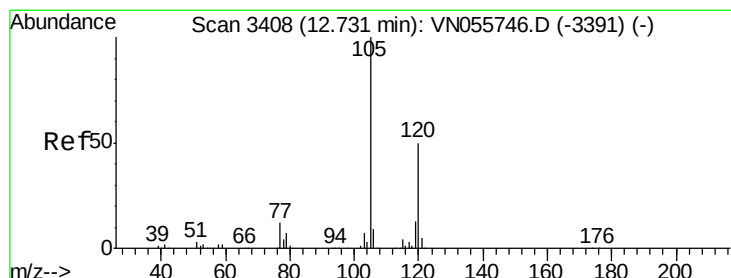
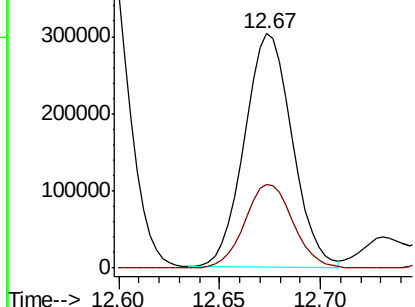
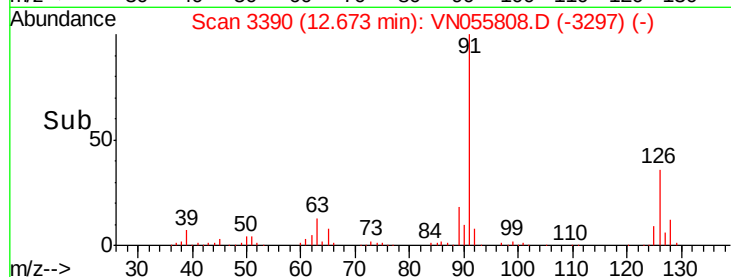
#79
 2-Chlorotoluene
 Concen: 52.859 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 501905
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.1 54.4

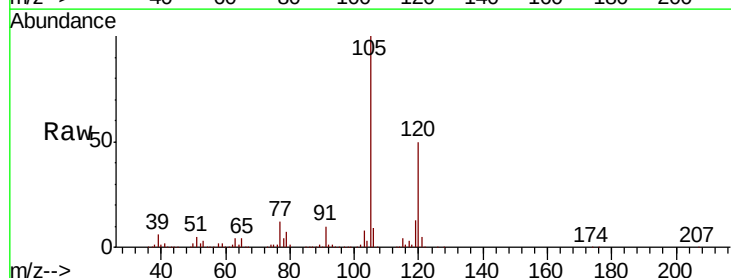


Abundance Ion 91.00 (90.70 to 91.70): VN055808.D (-3297) (-)
 Ion 125.90 (125.60 to 126.60): VN055808.D (-3297) (-)

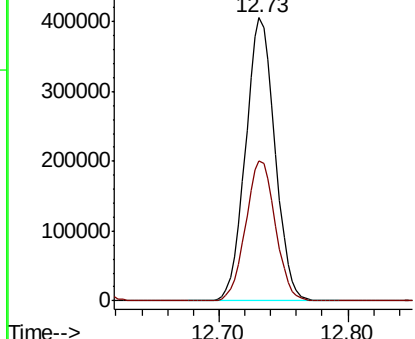
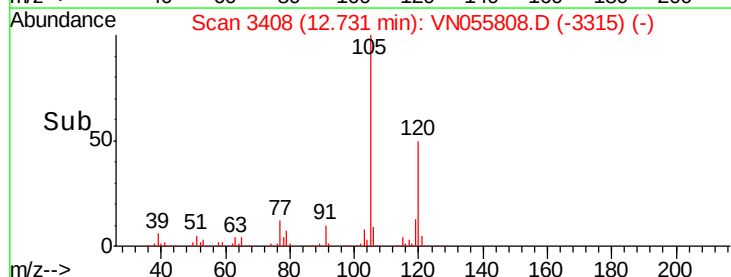


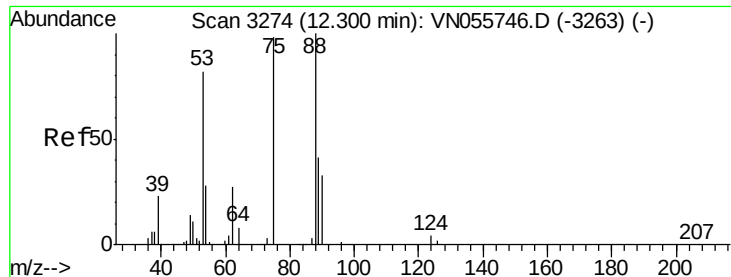
#80
 1,3,5-Trimethylbenzene
 Concen: 52.825 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion: 105 Resp: 641517
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055808.D (-3315) (-)
 Ion 120.00 (119.70 to 120.70): VN055808.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.063 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

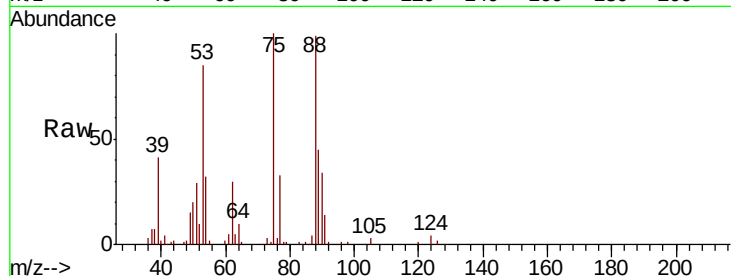
Tot Ion: 75 Resp: 68118

Ion Ratio Lower Upper

75 100

53 85.5 68.1 102.1

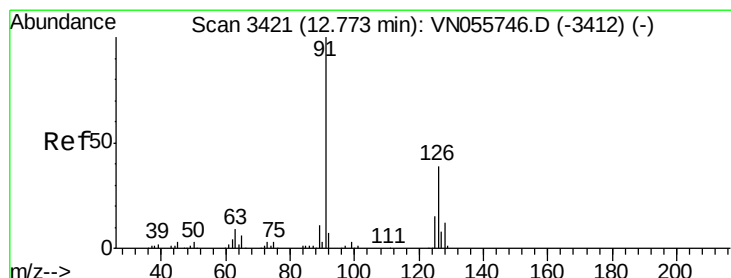
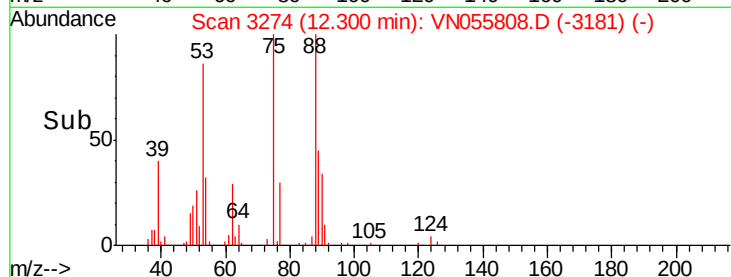
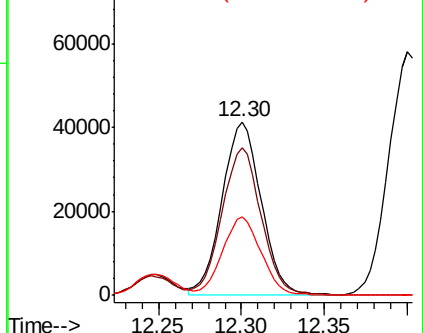
89 44.7 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN055746.D (-3263) (-)

Ion 53.00 (52.70 to 53.70): VN055746.D (-3263) (-)

Ion 88.90 (88.60 to 89.60): VN055746.D (-3263) (-)



#82

4-Chlorotoluene

Concen: 47.290 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055808.D

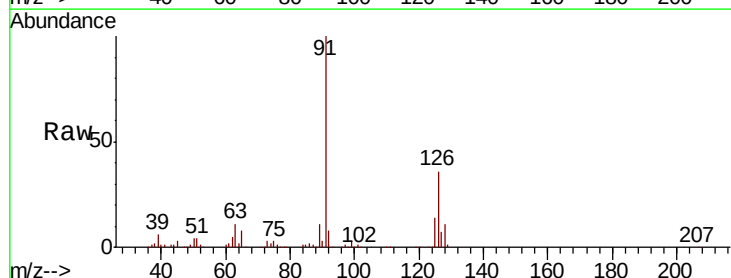
Acq: 24 May 2019 20:18

Tgt Ion: 91 Resp: 491376

Ion Ratio Lower Upper

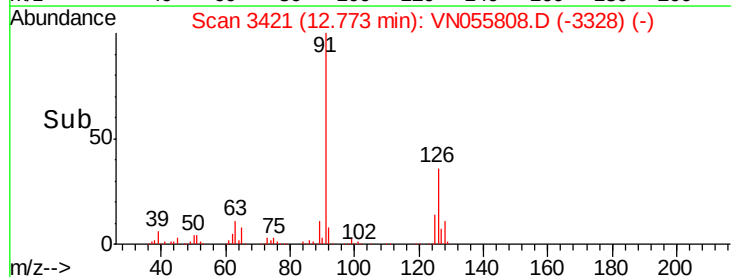
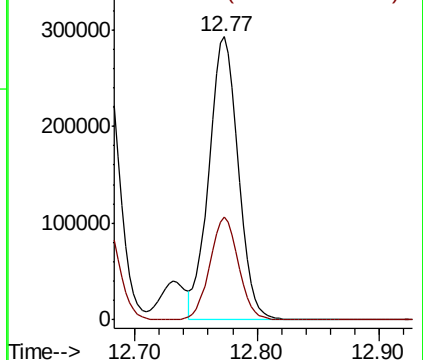
91 100

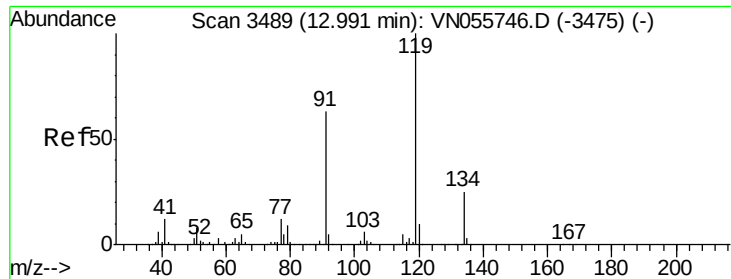
126 35.6 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055746.D (-3412) (-)

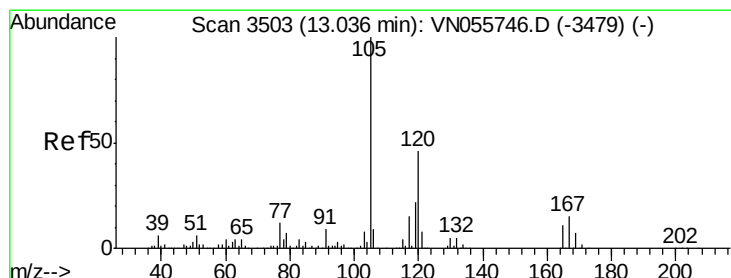
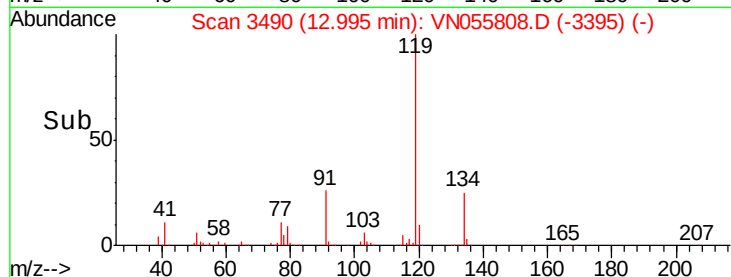
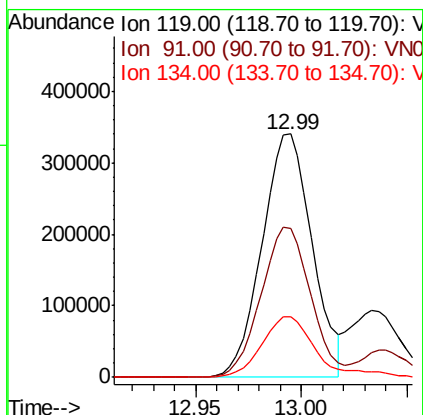
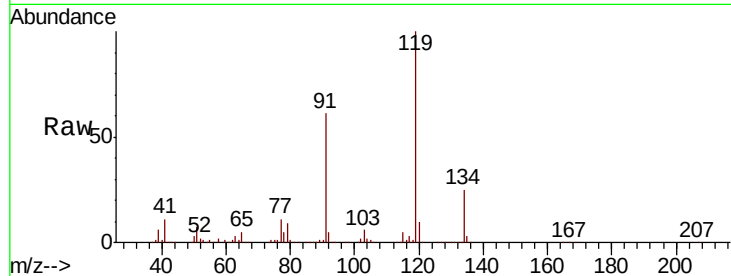




#83
 tert-Butylbenzene
 Concen: 53.834 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

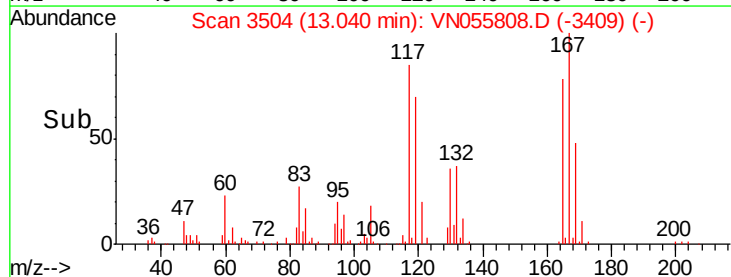
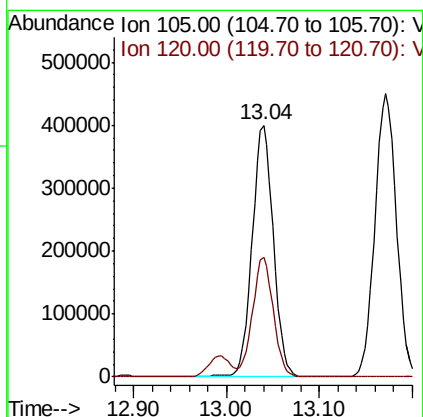
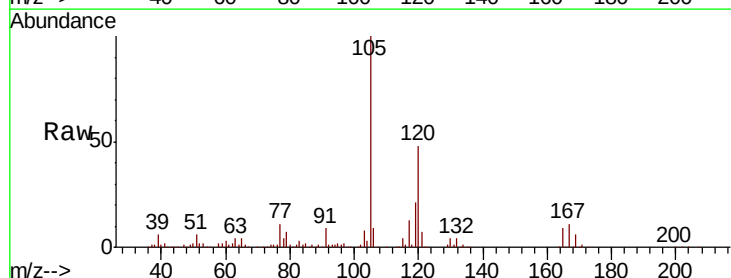
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

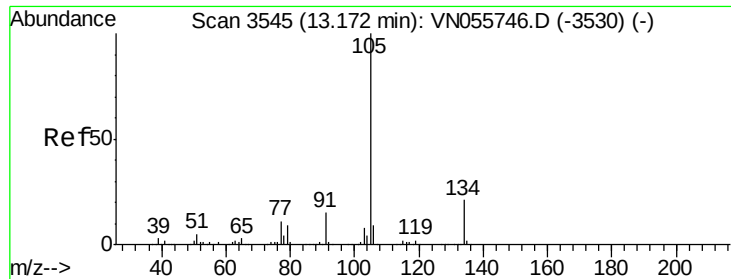
Tot Ion:119 Resp: 564233
 Ion Ratio Lower Upper
 119 100
 91 61.0 30.9 92.8
 134 26.8 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.126 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion:105 Resp: 632525
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.911 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

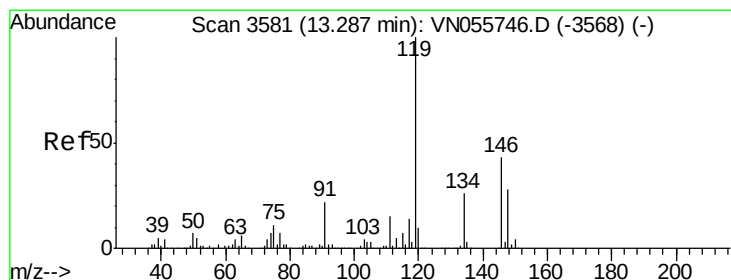
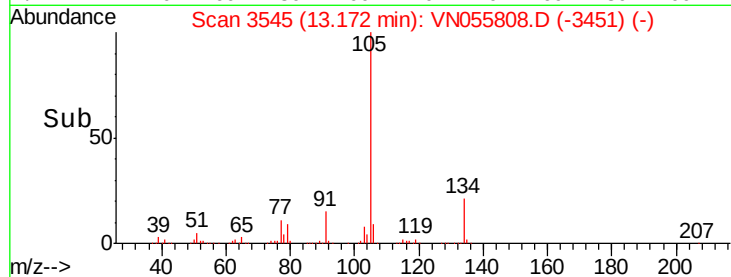
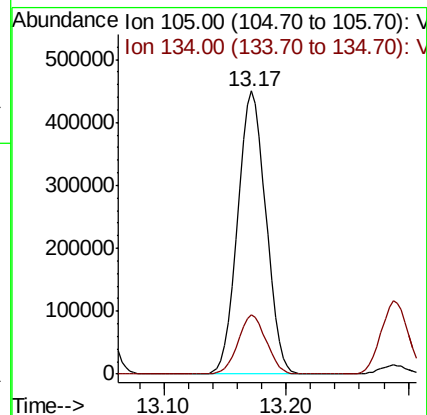
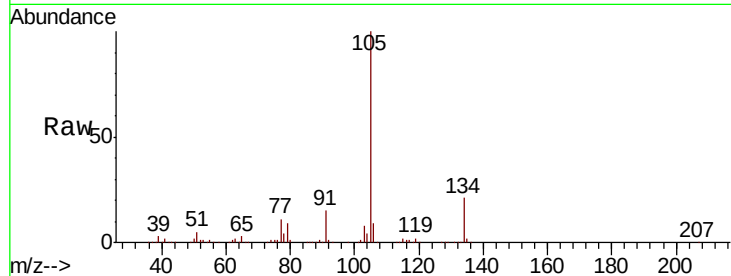
VSTDCCC050EC

Tot Ion:105 Resp: 722543

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



#86

p-Isopropyltoluene

Concen: 46.817 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

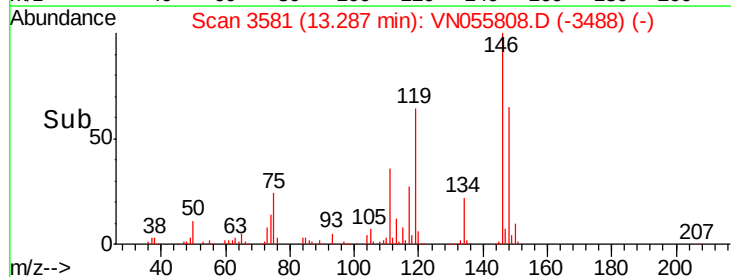
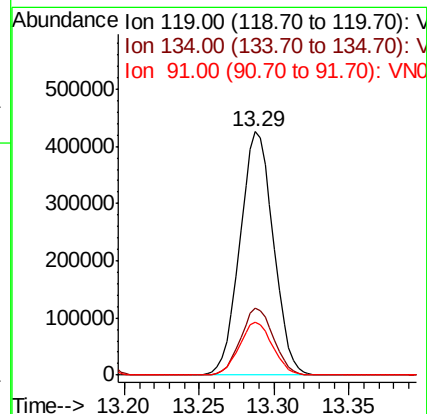
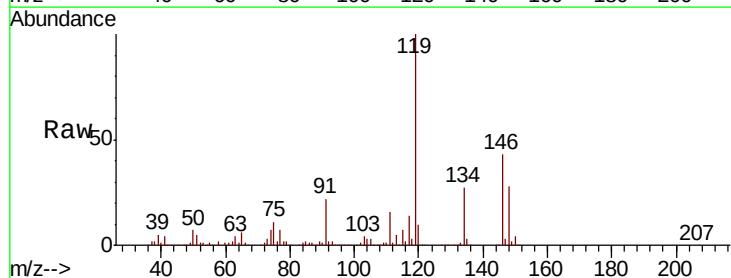
Tgt Ion:119 Resp: 661246

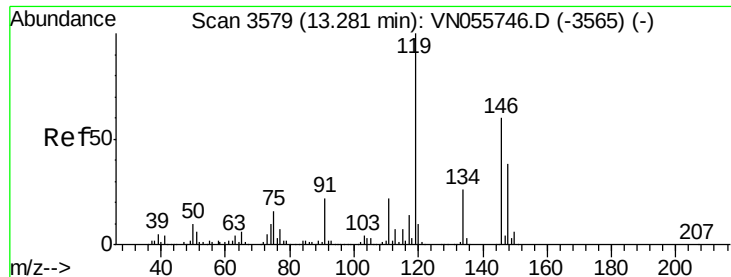
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 21.5 10.9 32.9

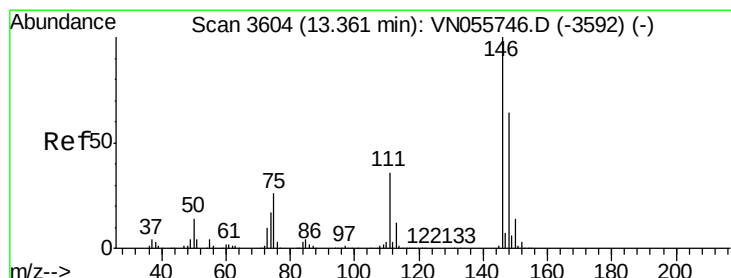
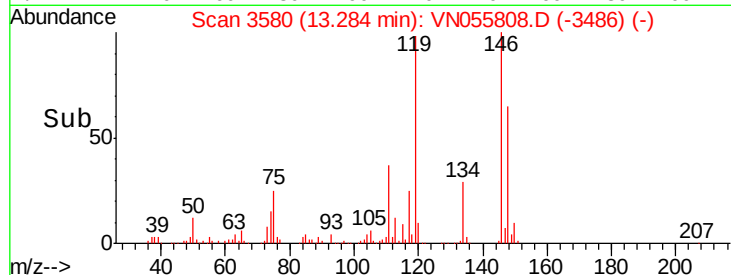
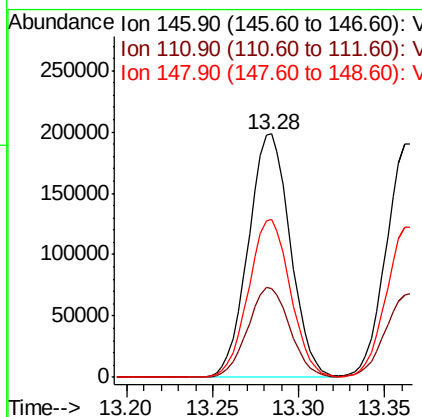
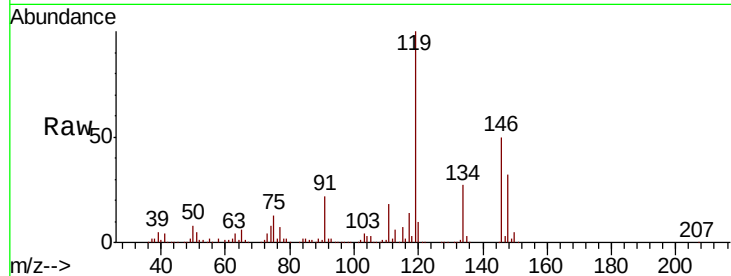




#87
 1,3-Dichlorobenzene
 Concen: 48.788 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

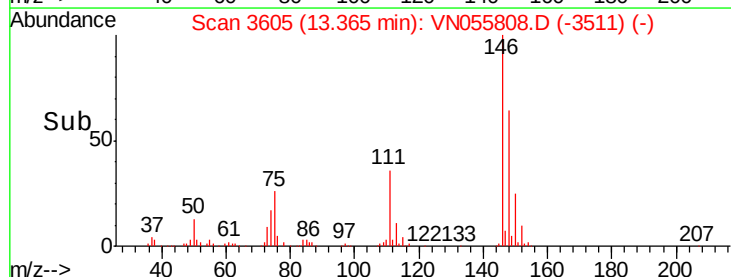
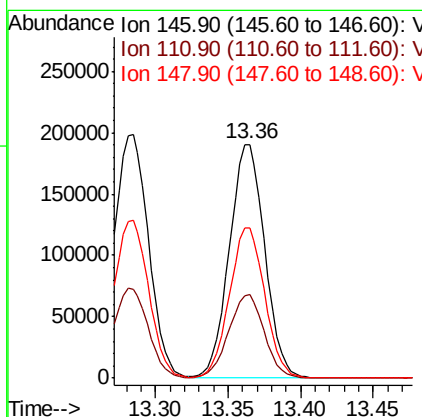
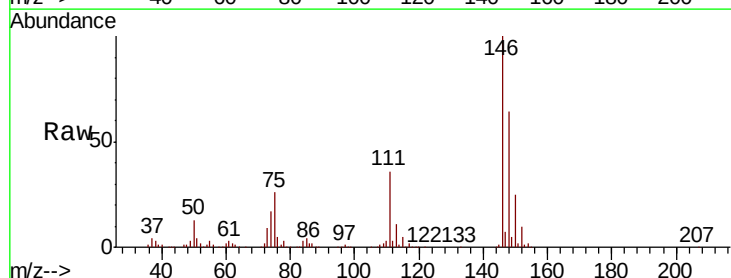
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

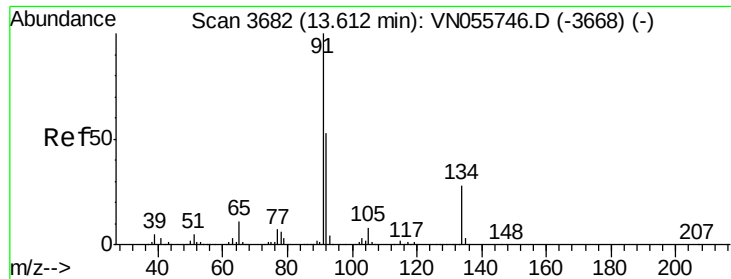
Tot Ion:146 Resp: 335278
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.5 55.5
 148 64.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.297 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion:146 Resp: 322085
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.1 54.4
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 45.914 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

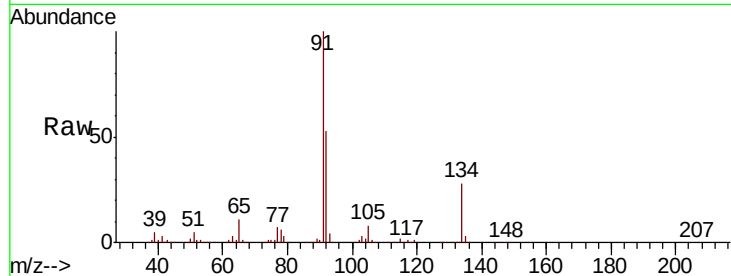
Tot Ion: 91 Resp: 496880

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.0

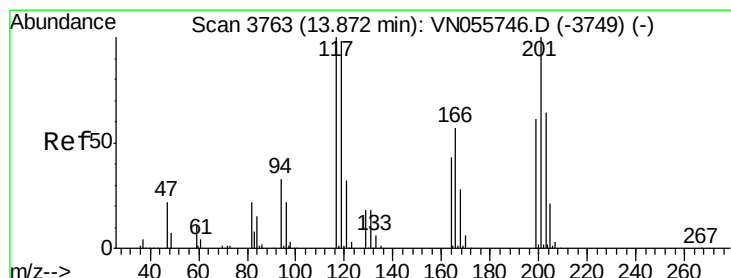
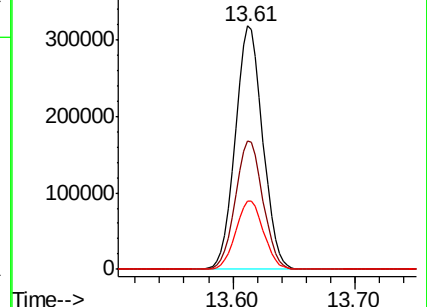
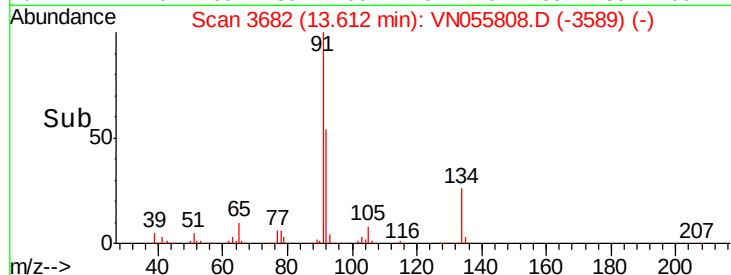
134 28.4 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055808.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN055808.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN055808.D (-3670) (-)



#90

Hexachloroethane

Concen: 44.490 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055808.D

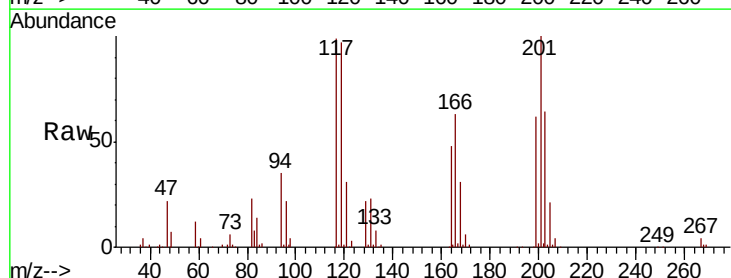
Acq: 24 May 2019 20:18

Tgt Ion: 117 Resp: 119607

Ion Ratio Lower Upper

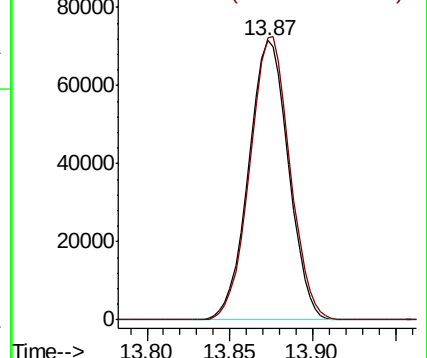
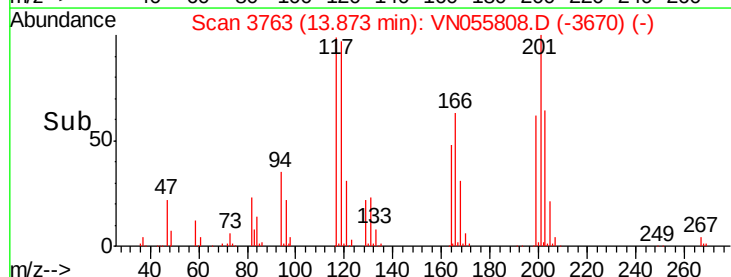
117 100

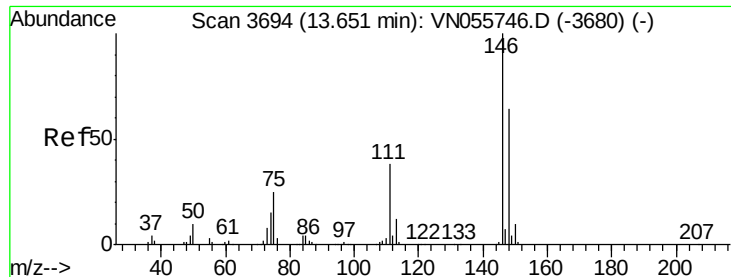
201 101.7 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055808.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN055808.D (-3670) (-)

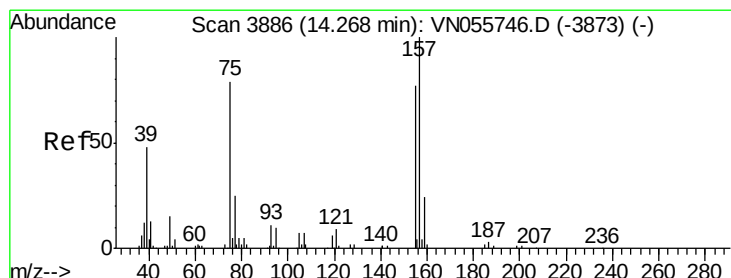
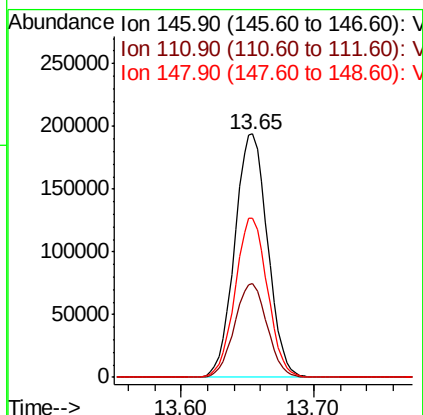
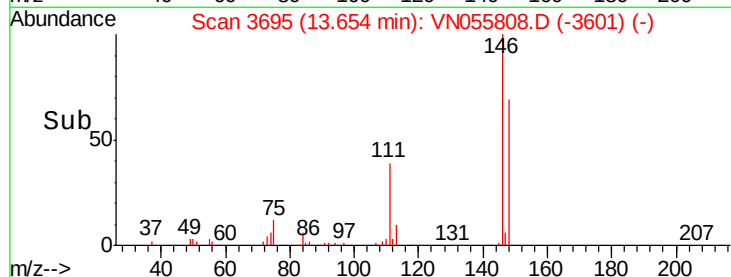
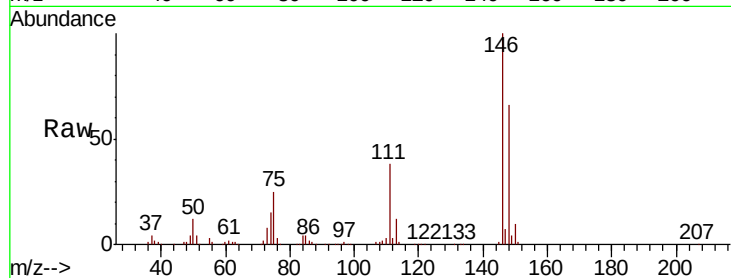




#91
 1,2-Dichlorobenzene
 Concen: 48.603 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

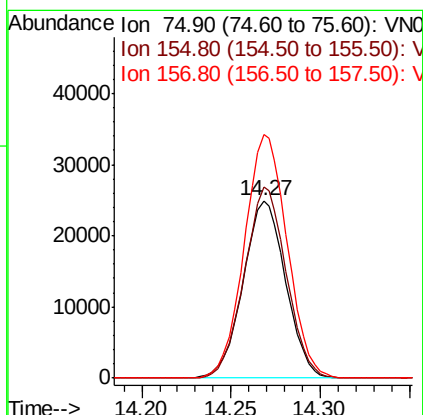
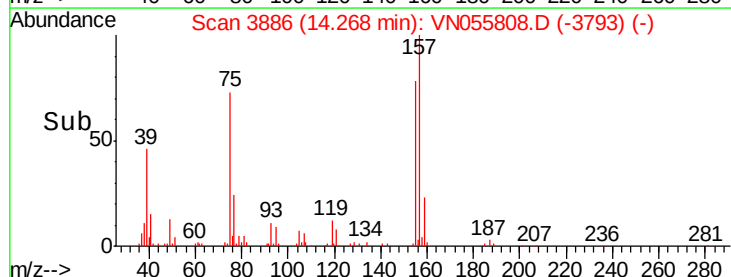
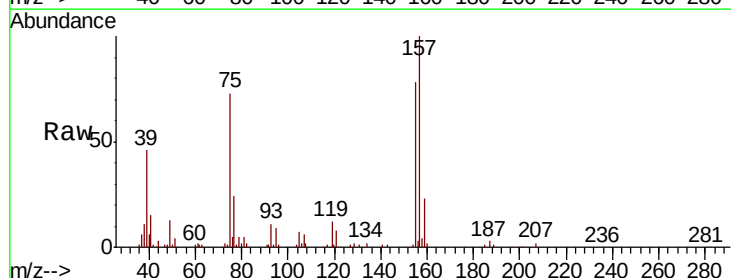
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

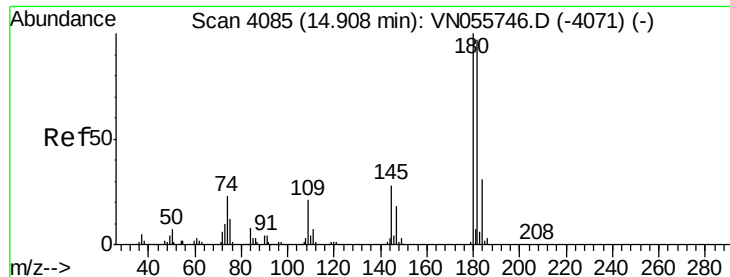
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	64.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.058 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.5	50.0	150.1
157	138.4	64.8	194.3

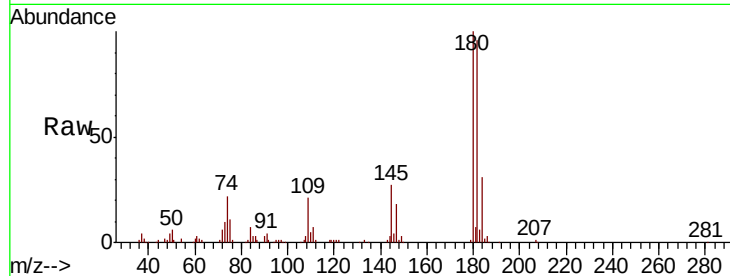




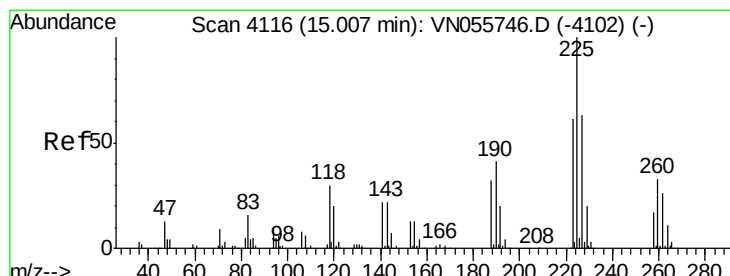
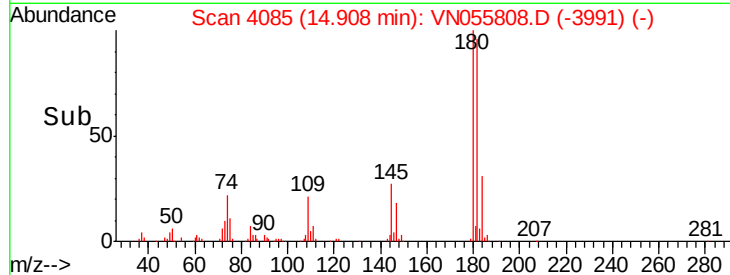
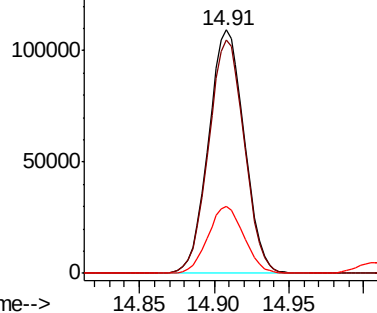
#93
 1,2,4-Trichlorobenzene
 Concen: 46.378 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.3	144.9
145	27.6	14.0	41.9

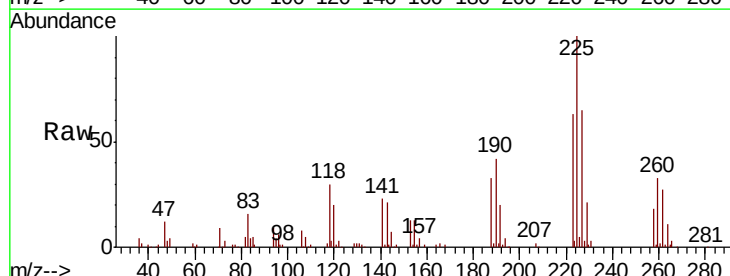


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

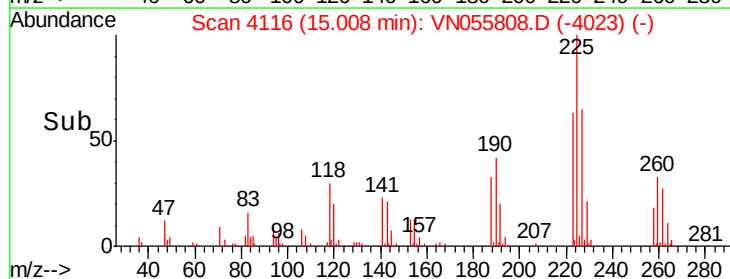
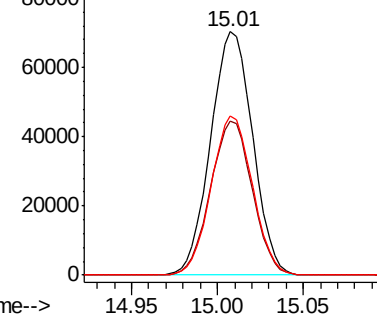


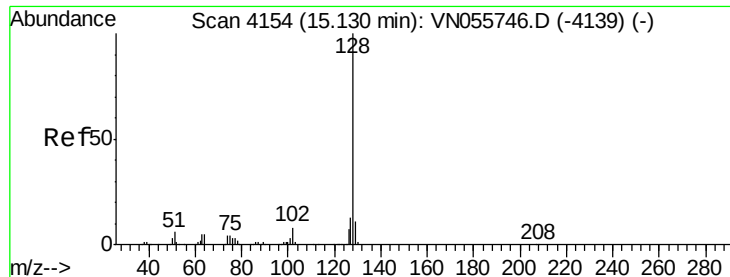
#94
 Hexachlorobutadiene
 Concen: 49.476 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055808.D
 Acq: 24 May 2019 20:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.9	92.7
227	64.0	31.6	94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.941 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

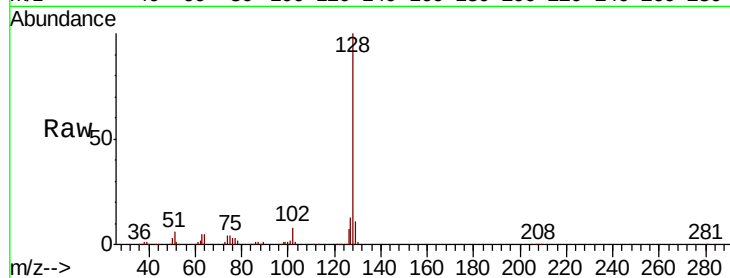
Tot Ion:128 Resp: 507489

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.0 8.7 13.1

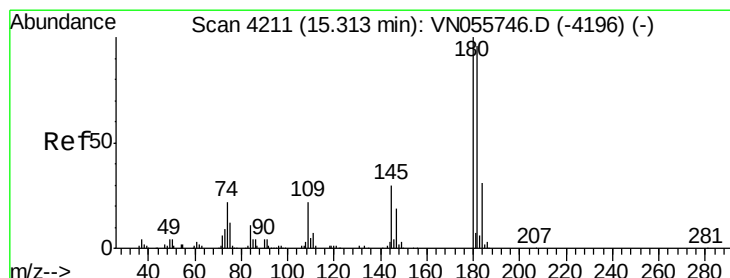
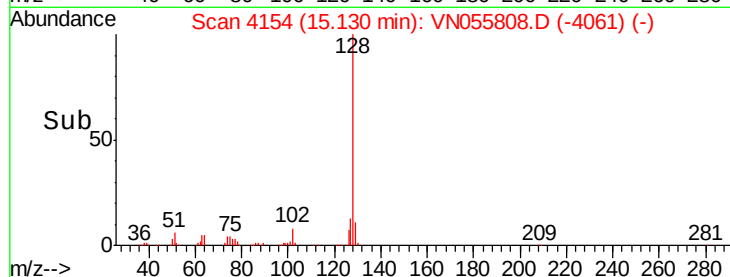
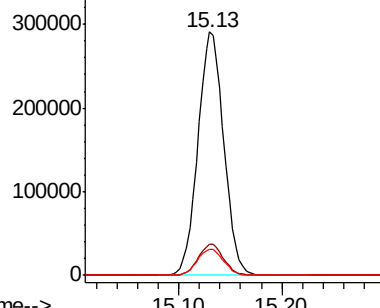


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.174 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055808.D

Acq: 24 May 2019 20:18

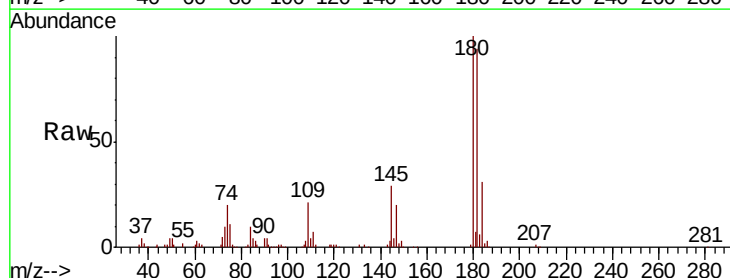
Tgt Ion:180 Resp: 192719

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.7

145 29.1 14.9 44.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

