

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080619\
 Data File : VN057090.D
 Acq On : 6 Aug 2019 9:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 07 02:19:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	486704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	690202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	618682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	259726	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	251467	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	7.58	113	224964	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	10.08	98	837626	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	280720	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	230772	46.902	ug/l	97
3) Chloromethane	2.05	50	242342	41.132	ug/l	98
4) Vinyl Chloride	2.18	62	229471	41.536	ug/l	99
5) Bromomethane	2.55	94	143352	41.739	ug/l	98
6) Chloroethane	2.69	64	126425	41.513	ug/l	99
7) Trichlorofluoromethane	3.00	101	340161	47.037	ug/l	98
8) Diethyl Ether	3.40	74	129058	47.684	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	210681	46.989	ug/l	99
10) Methyl Iodide	3.94	142	251750	42.020	ug/l	99
11) Tert butyl alcohol	4.77	59	170932	253.827	ug/l	98
12) 1,1-Dichloroethene	3.72	96	195239	45.637	ug/l	98
13) Acrolein	3.59	56	89162	258.188	ug/l	99
14) Allyl chloride	4.31	41	313455	45.043	ug/l	99
15) Acrylonitrile	4.97	53	511263	258.888	ug/l	98
16) Acetone	3.80	43	486838	269.730	ug/l	99
17) Carbon Disulfide	4.04	76	433434	38.128	ug/l	100
18) Methyl Acetate	4.31	43	285665	49.614	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	643688	50.461	ug/l	100
20) Methylene Chloride	4.54	84	229032	44.052	ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	204267	44.958	ug/l	98
22) Diisopropyl ether	5.93	45	656651	45.797	ug/l	97
23) Vinyl Acetate	5.88	43	2407557	242.345	ug/l	99
24) 1,1-Dichloroethane	5.83	63	387073	45.755	ug/l	99
25) 2-Butanone	6.82	43	664610	259.678	ug/l	97
26) 2,2-Dichloropropane	6.81	77	310558	48.279	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	247733	46.100	ug/l	100
28) Bromochloromethane	7.18	49	177757	44.703	ug/l	94
29) Tetrahydrofuran	7.20	42	418969	250.903	ug/l	98
30) Chloroform	7.36	83	394667	45.629	ug/l	99
31) Cyclohexane	7.64	56	334759	40.892	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	332406	48.165	ug/l	99
36) 1,1-Dichloropropene	7.78	75	281060	46.278	ug/l	99
37) Ethyl Acetate	6.91	43	258771	53.199	ug/l	99
38) Carbon Tetrachloride	7.76	117	286182	49.816	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	351097	45.232	ug/l	99
40) Benzene	8.03	78	873912	46.718	ug/l	99
41) Methacrylonitrile	7.16	41	117022	52.041	ug/l	94
42) 1,2-Dichloroethane	8.11	62	286904	48.938	ug/l	99
43) Isopropyl Acetate	8.15	43	427566	53.182	ug/l	99
44) Trichloroethene	8.82	130	248294	48.180	ug/l	99
45) 1,2-Dichloropropane	9.11	63	236202	47.208	ug/l	99
46) Dibromomethane	9.20	93	150178	49.770	ug/l	97
47) Bromodichloromethane	9.39	83	302610	51.008	ug/l	99
48) Methyl methacrylate	9.19	41	207193	53.380	ug/l	99
49) 1,4-Dioxane	9.19	88	80064	1000.927	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1288295	269.695	ug/l	100
52) Toluene	10.15	92	548582	48.812	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	316855	51.468	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	360335	50.340	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	226996	50.364	ug/l	98
56) Ethyl methacrylate	10.42	69	324343	47.734	ug/l	100
57) 1,3-Dichloropropane	10.70	76	371614	49.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	586755	217.246	ug/l	98
59) 2-Hexanone	10.74	43	938203	254.990	ug/l	99
60) Dibromochloromethane	10.90	129	246166	53.311	ug/l	98
61) 1,2-Dibromoethane	11.00	107	232292	52.813	ug/l	98
64) Tetrachloroethene	10.63	164	243283	45.632	ug/l	98
65) Chlorobenzene	11.43	112	604898	47.971	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	238349	50.221	ug/l	99
67) Ethyl Benzene	11.50	91	1046557	48.022	ug/l	100
68) m/p-Xylenes	11.62	106	792700	98.558	ug/l	100
69) o-Xylene	11.94	106	389288	49.473	ug/l	99
70) Styrene	11.96	104	636621	45.931	ug/l	98
71) Bromoform	12.12	173	181537	54.786	ug/l #	100
73) Isopropylbenzene	12.24	105	1048056	46.691	ug/l	99
74) N-amyl acetate	12.07	43	334169	51.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	305635	54.078	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	371962	70.519	ug/l #	100
77) Bromobenzene	12.52	156	276373	47.175	ug/l	99
78) n-propylbenzene	12.59	91	1142304	47.661	ug/l	100
79) 2-Chlorotoluene	12.67	91	685097	46.422	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	888761	48.243	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	91002	55.433	ug/l	99
82) 4-Chlorotoluene	12.77	91	667427	48.326	ug/l	100
83) tert-Butylbenzene	12.99	119	788907	48.374	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	866664	48.891	ug/l	100
85) sec-Butylbenzene	13.17	105	1008883	47.960	ug/l	99
86) p-Isopropyltoluene	13.28	119	911130	48.785	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	439316	49.298	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	421239	49.102	ug/l	100
89) n-Butylbenzene	13.61	91	692164	48.088	ug/l	99
90) Hexachloroethane	13.87	117	161556	50.237	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	436778	49.800	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48449	54.268	ug/l	98

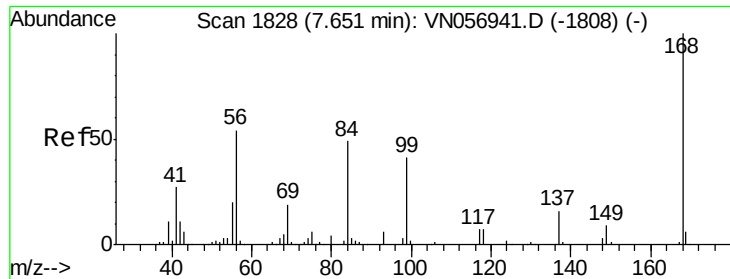
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QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	196616	43.811	ug/l	99
94) Hexachlorobutadiene	15.00	225	181063	59.748	ug/l	99
95) Naphthalene	15.12	128	474577	43.507	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	213470	46.825	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

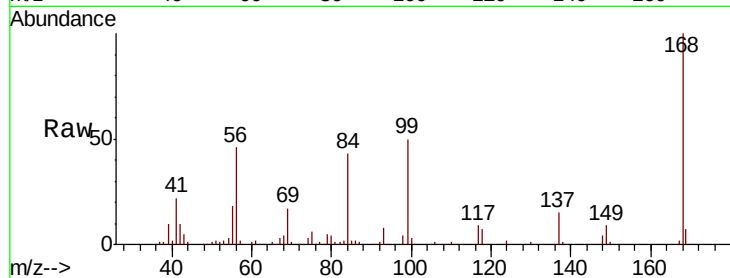
VSTDCCC050

Tgt Ion:168 Resp: 486704

Ion Ratio Lower Upper

168 100

99 50.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

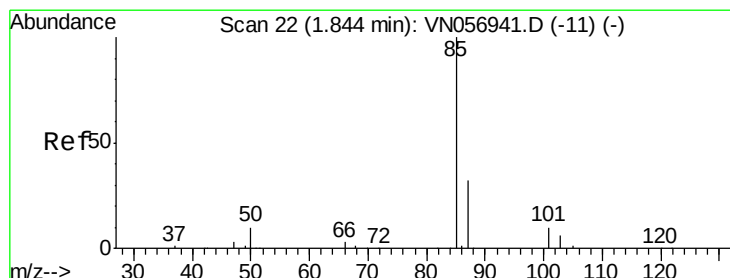
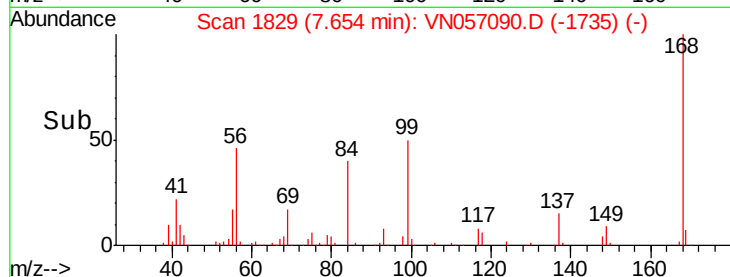
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50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.902 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057090.D

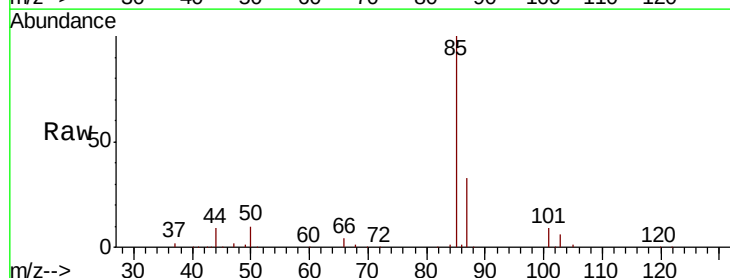
Acq: 6 Aug 2019 9:51

Tgt Ion: 85 Resp: 230772

Ion Ratio Lower Upper

85 100

87 33.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

150000

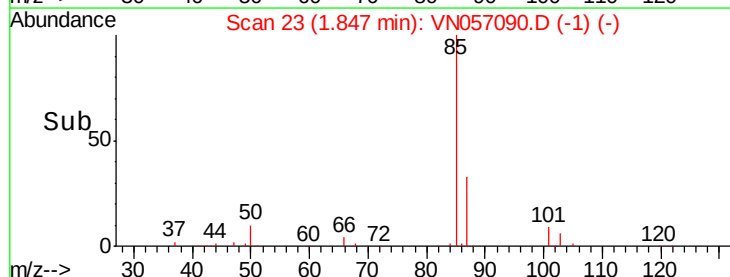
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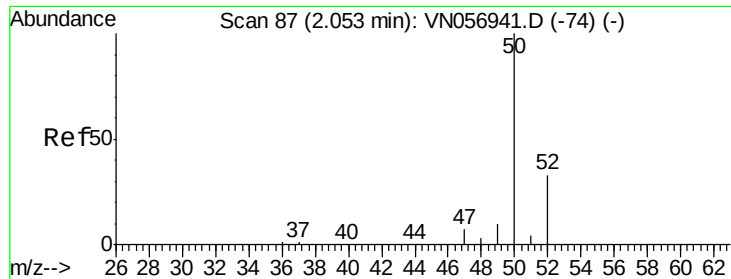
50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 41.132 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

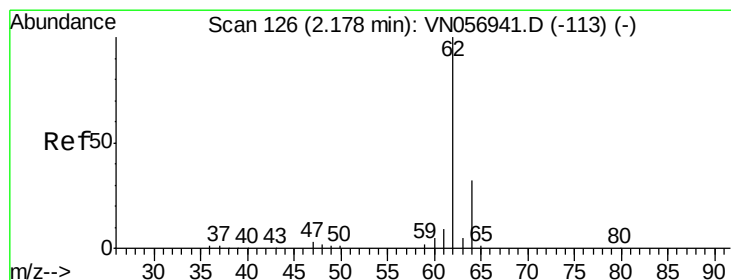
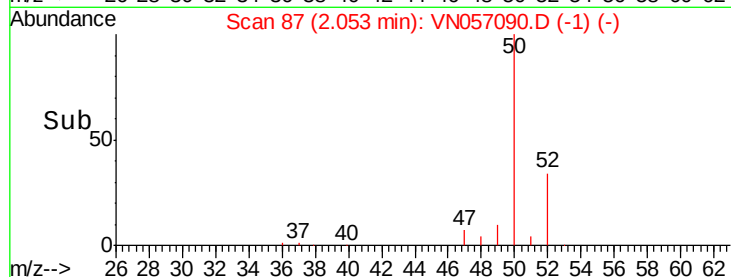
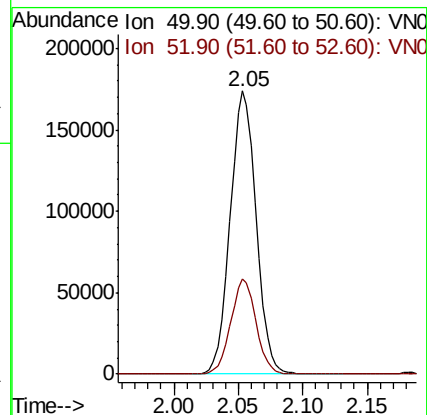
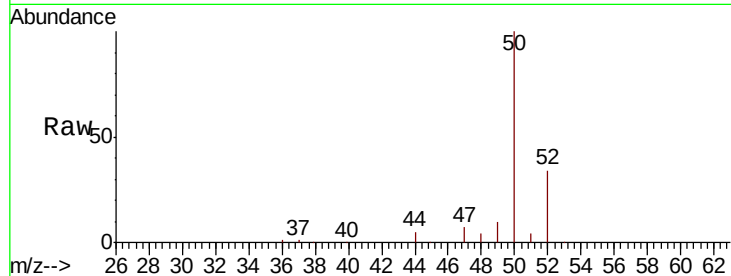
VSTDCCC050

Tgt Ion: 50 Resp: 242342

Ion Ratio Lower Upper

50 100

52 33.6 26.2 39.2



#4

Vinyl Chloride

Concen: 41.536 ug/l

RT: 2.18 min Scan# 126

Delta R.T. 0.00 min

Lab File: VN057090.D

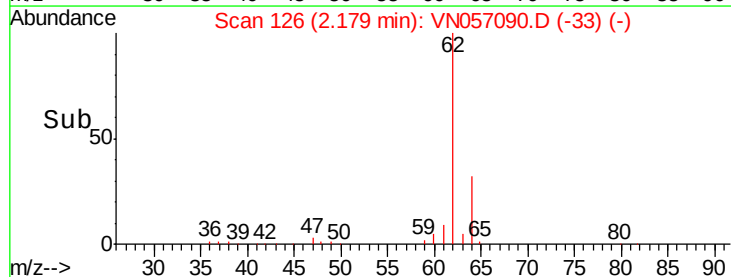
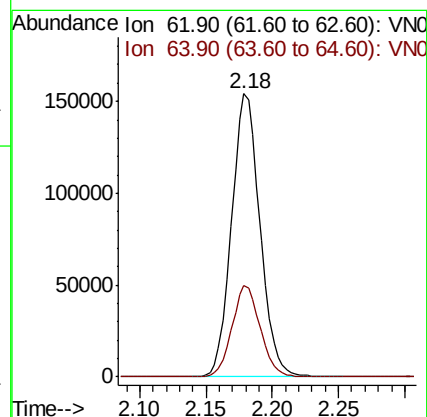
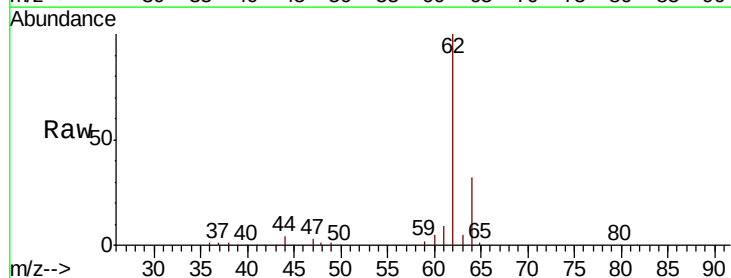
Acq: 6 Aug 2019 9:51

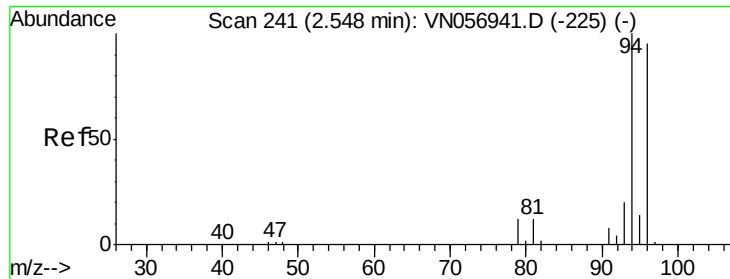
Tgt Ion: 62 Resp: 229471

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0

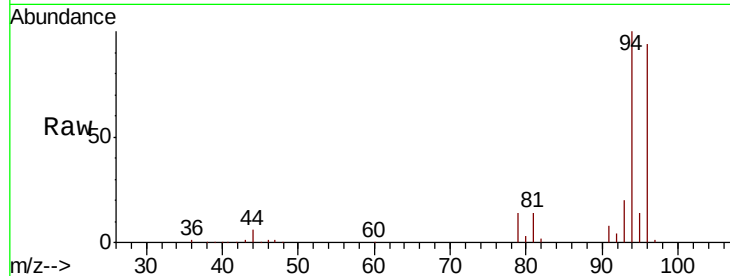




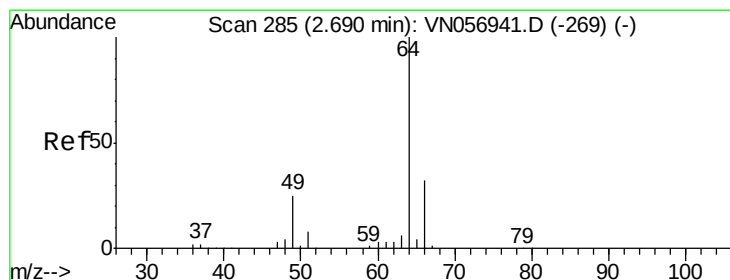
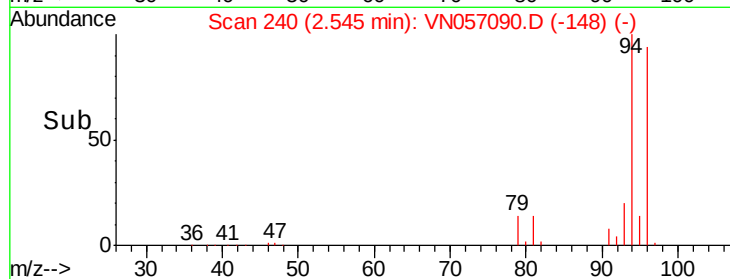
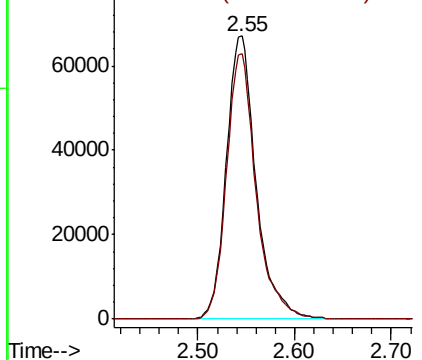
#5
Bromomethane
Concen: 41.739 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 143352
Ion Ratio Lower Upper
94 100
96 93.6 76.2 114.2

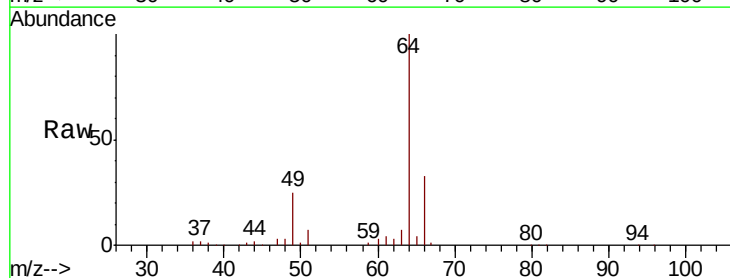


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

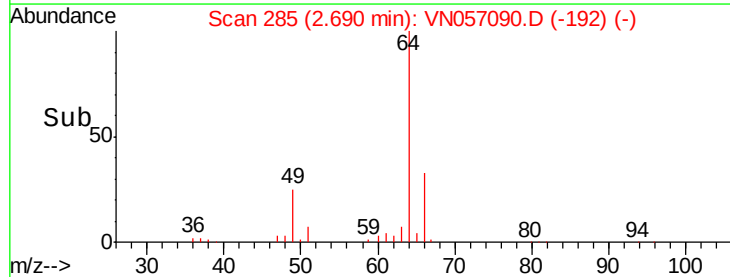
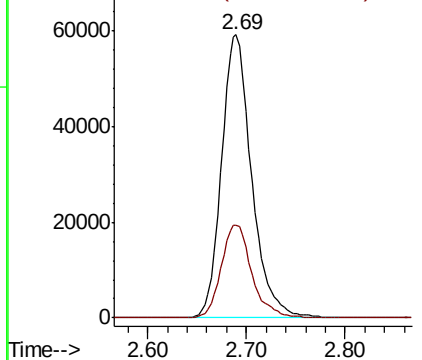


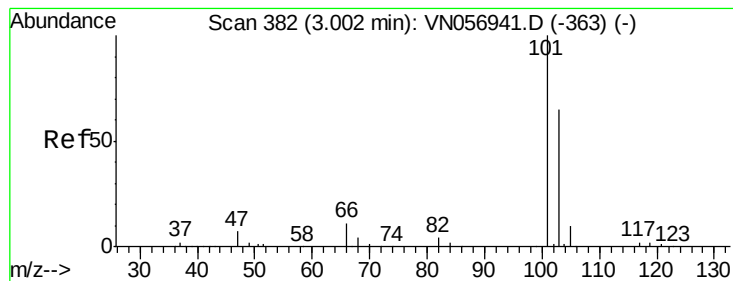
#6
Chloroethane
Concen: 41.513 ug/l
RT: 2.69 min Scan# 285
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion: 64 Resp: 126425
Ion Ratio Lower Upper
64 100
66 32.9 25.8 38.8



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



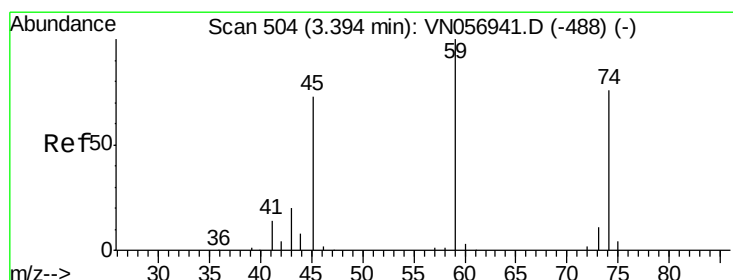
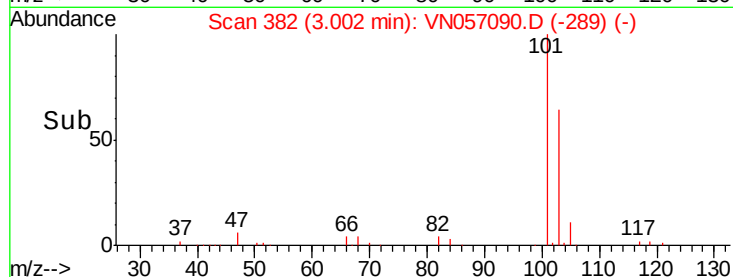
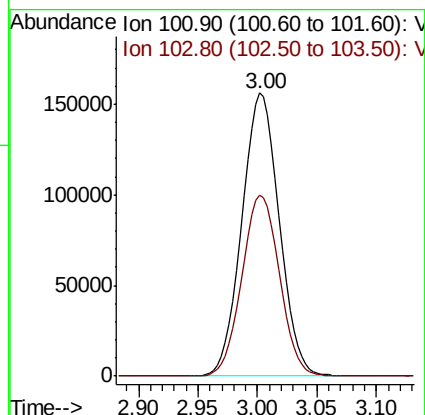
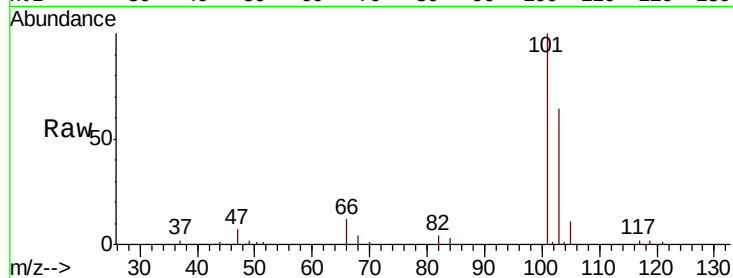


#7

Trichlorofluoromethane
Concen: 47.037 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Instrument :
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ClientSampleId :
VSTDCCC050

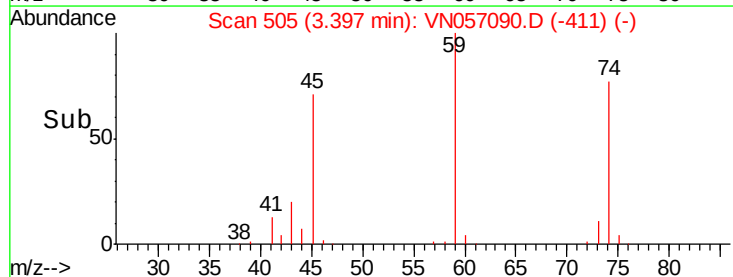
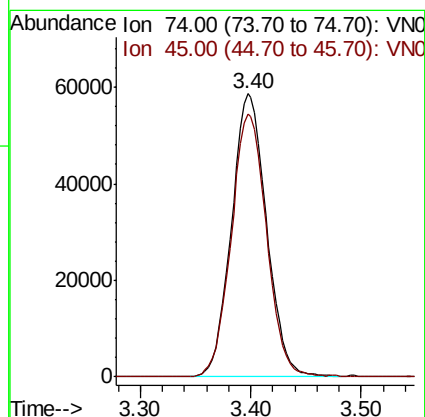
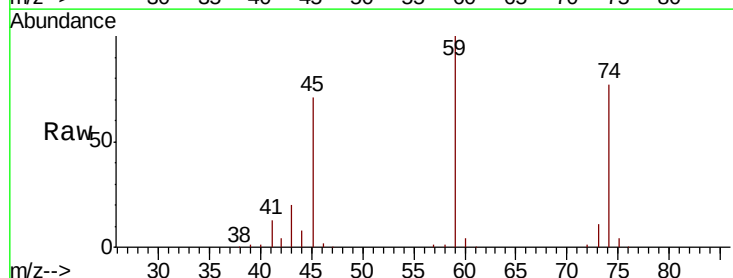
Tgt Ion: 101 Resp: 340161
Ion Ratio Lower Upper
101 100
103 63.9 52.1 78.1

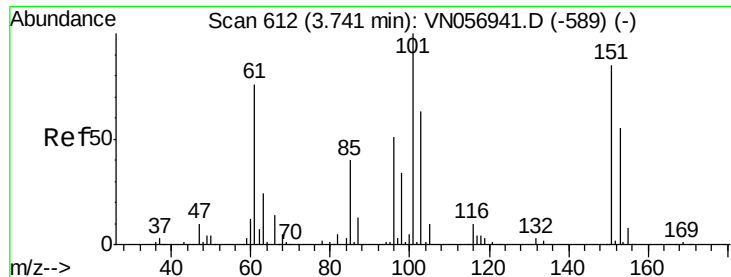


#8

Diethyl Ether
Concen: 47.684 ug/l
RT: 3.40 min Scan# 505
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion: 74 Resp: 129058
Ion Ratio Lower Upper
74 100
45 93.6 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.989 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

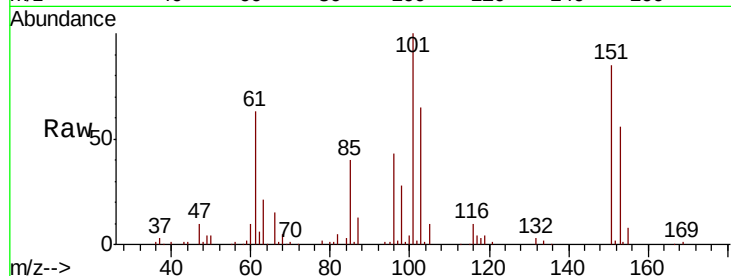
Tgt Ion:101 Resp: 210681

Ion Ratio Lower Upper

101 100

85 40.9 32.3 48.5

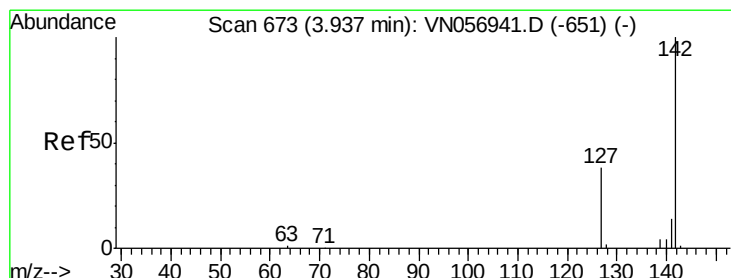
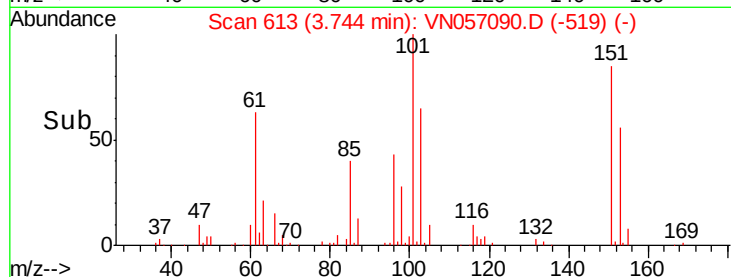
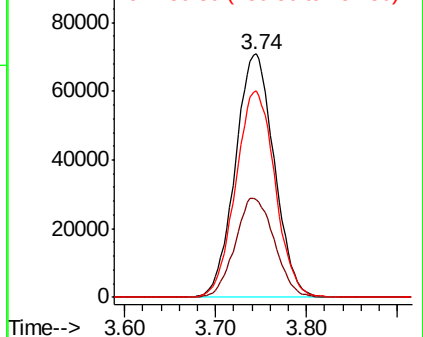
151 85.5 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.020 ug/l

RT: 3.94 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

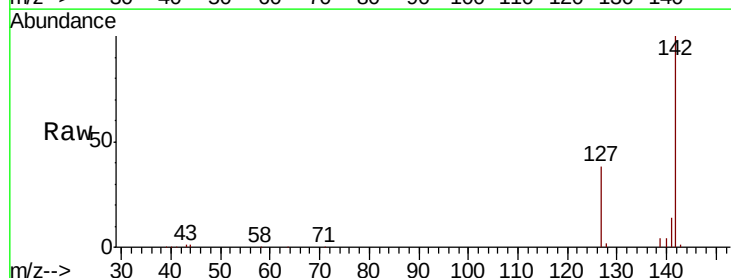
Tgt Ion:142 Resp: 251750

Ion Ratio Lower Upper

142 100

127 38.3 30.4 45.6

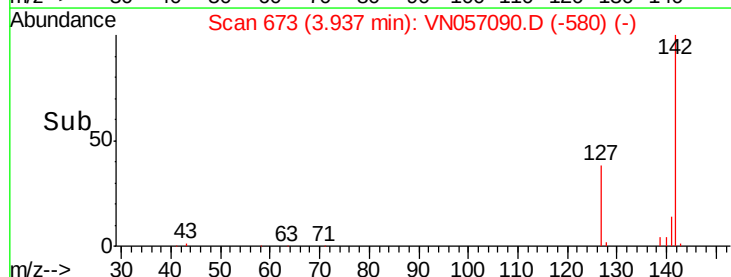
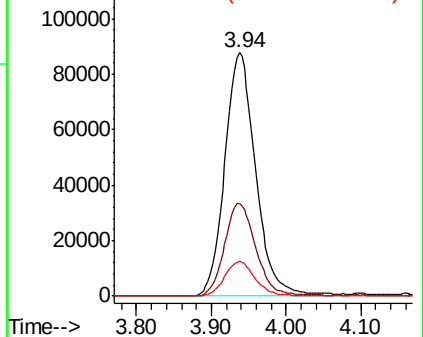
141 14.2 11.1 16.7

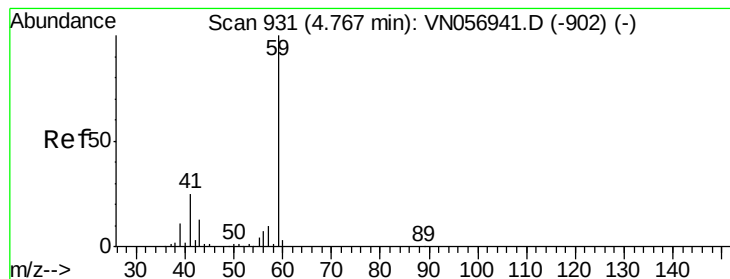


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



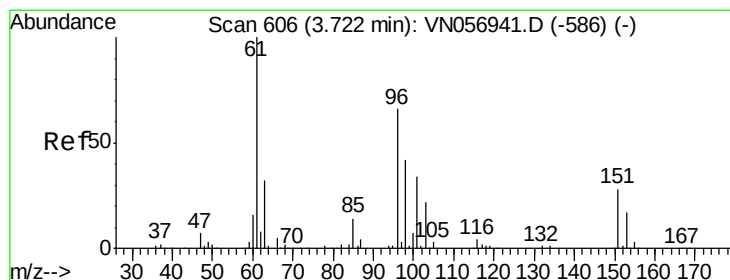
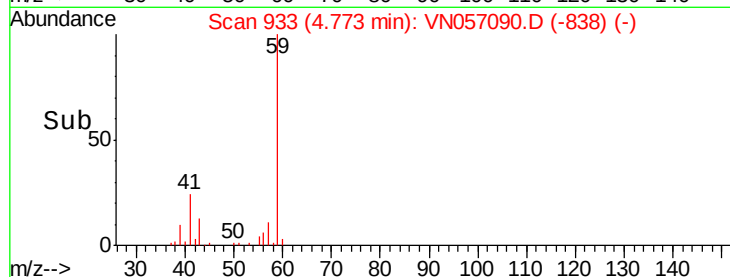
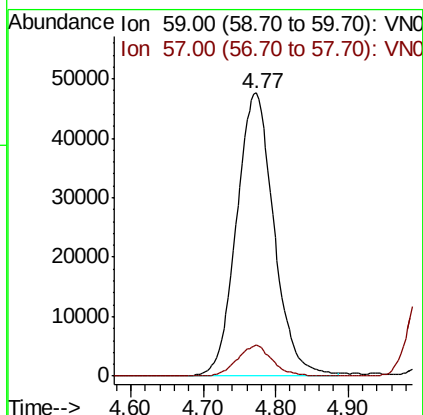
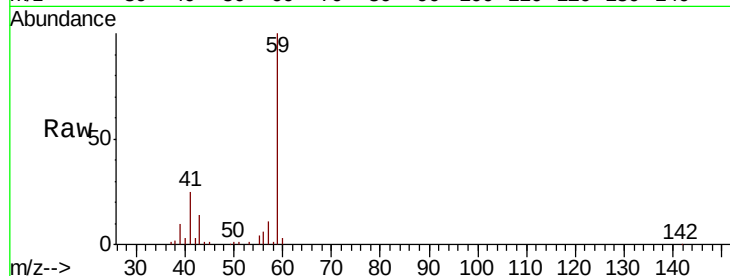


#11

Tert butyl alcohol
 Concen: 253.827 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

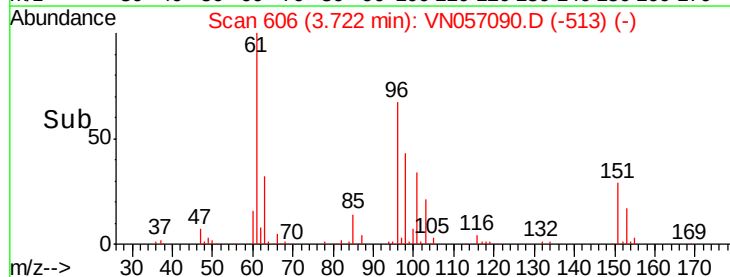
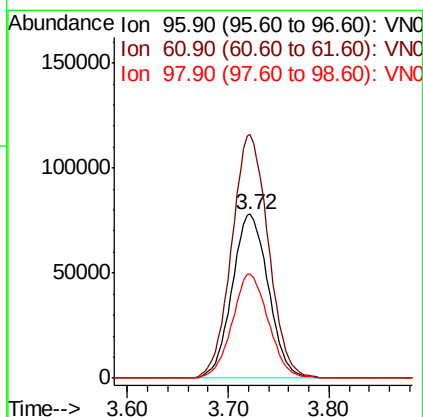
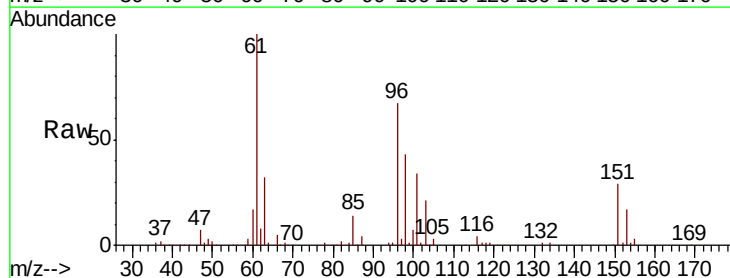
Tgt Ion: 59 Resp: 170932
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.5 11.3

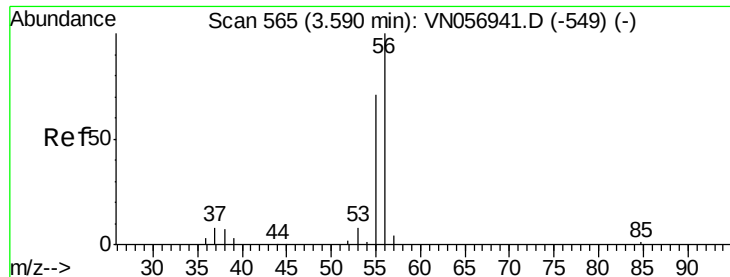


#12

1,1-Dichloroethene
 Concen: 45.637 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Tgt Ion: 96 Resp: 195239
 Ion Ratio Lower Upper
 96 100
 61 148.4 121.8 182.8
 98 63.6 51.7 77.5





#13

Acrolein

Concen: 258.188 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

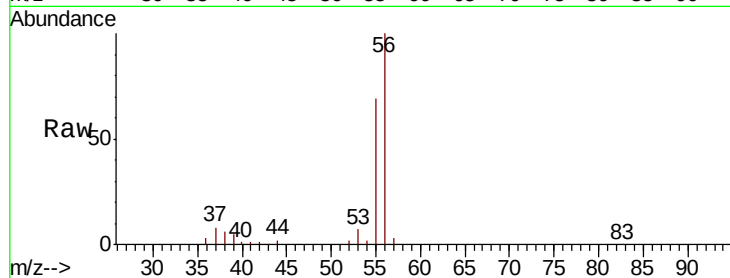
VSTDCCC050

Tgt Ion: 56 Resp: 89162

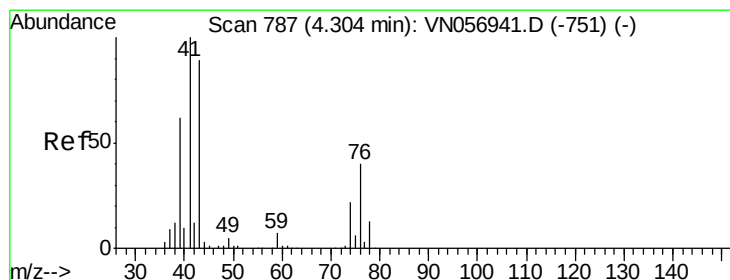
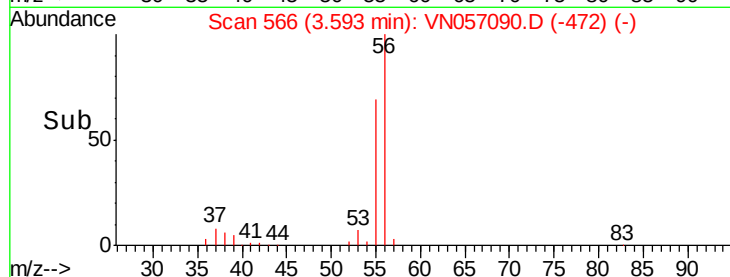
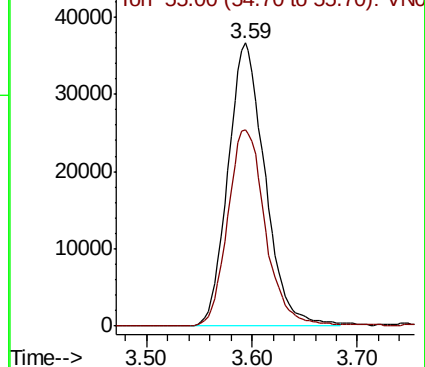
Ion Ratio Lower Upper

56 100

55 70.5 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN056941.D (-549) (-)



#14

Allyl chloride

Concen: 45.043 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

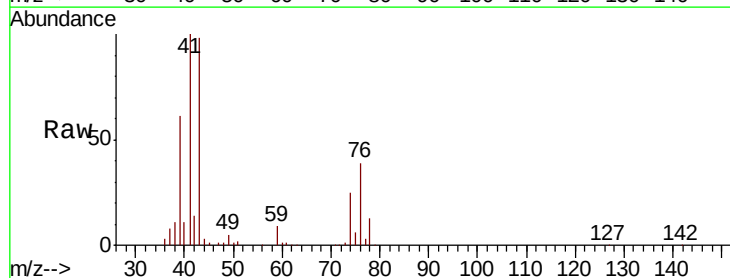
Tgt Ion: 41 Resp: 313455

Ion Ratio Lower Upper

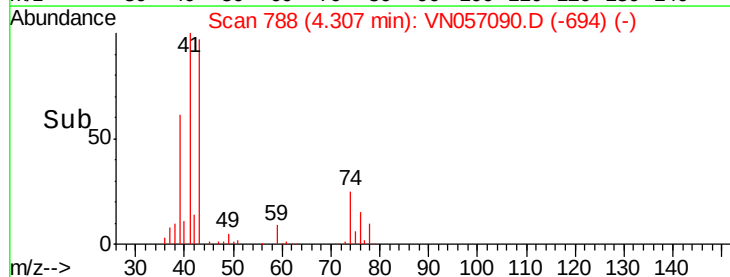
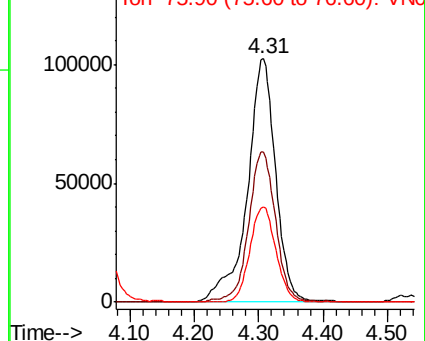
41 100

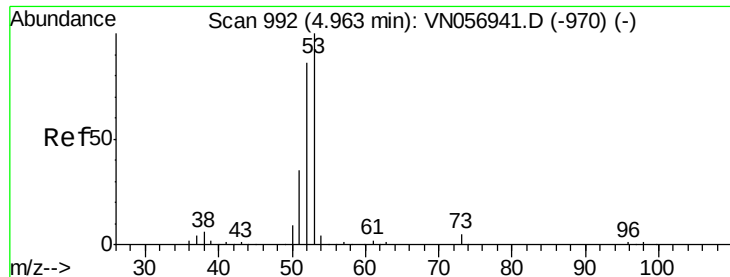
39 58.9 46.4 69.6

76 36.0 28.4 42.6



Abundance Ion 41.00 (40.70 to 41.70): VN056941.D (-751) (-)





#15

Acrylonitrile

Concen: 258.888 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

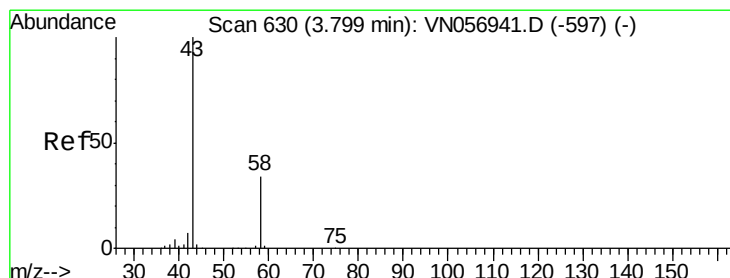
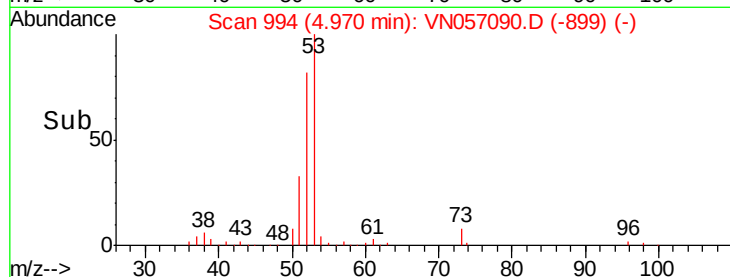
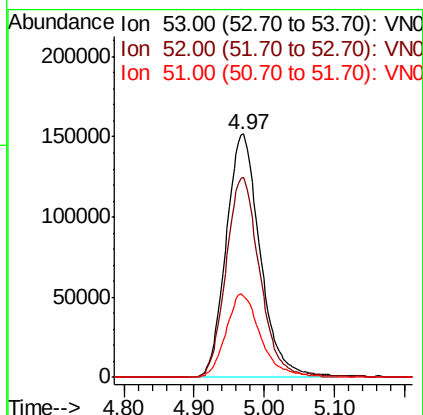
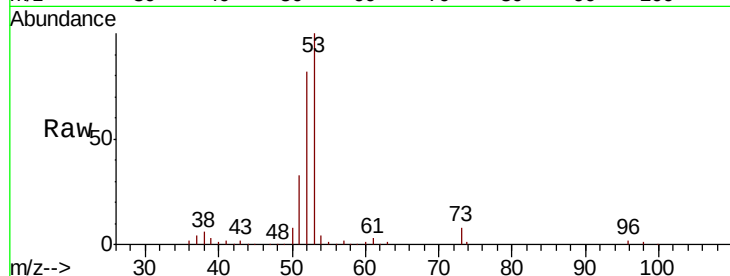
Tgt Ion: 53 Resp: 511263

Ion Ratio Lower Upper

53 100

52 80.9 66.5 99.7

51 34.9 28.4 42.6



#16

Acetone

Concen: 269.730 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN057090.D

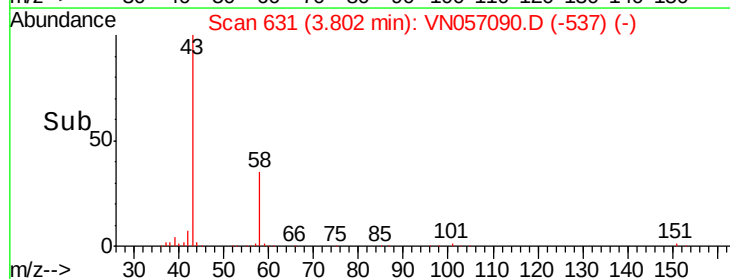
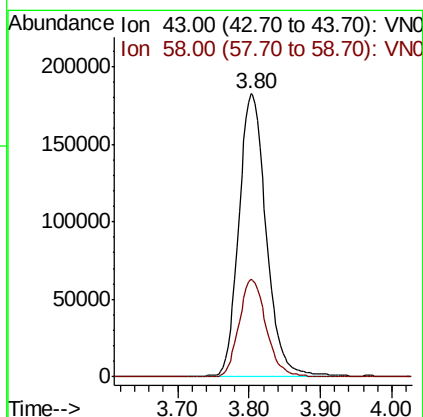
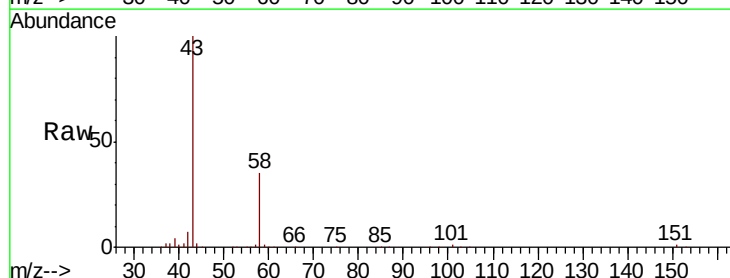
Acq: 6 Aug 2019 9:51

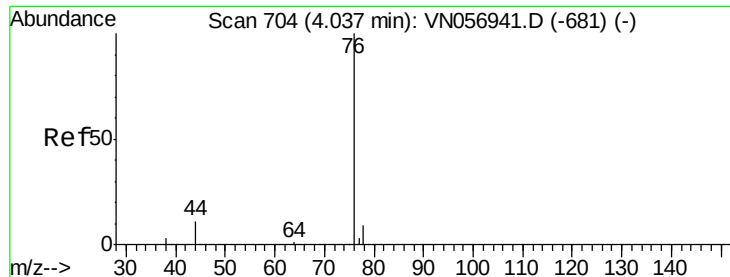
Tgt Ion: 43 Resp: 486838

Ion Ratio Lower Upper

43 100

58 34.6 27.2 40.8

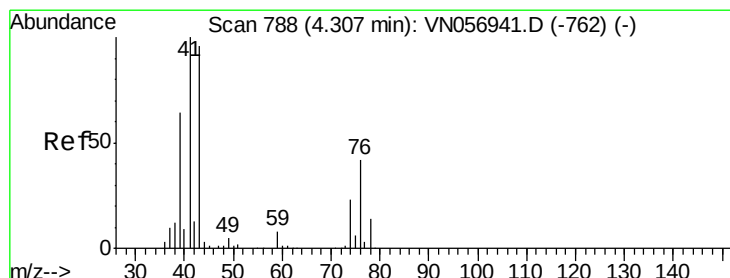
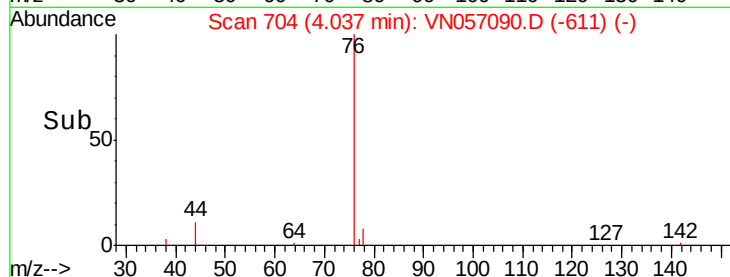
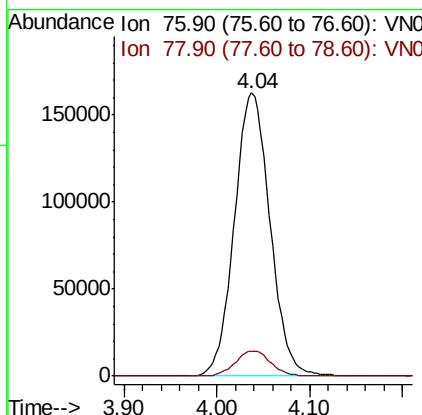
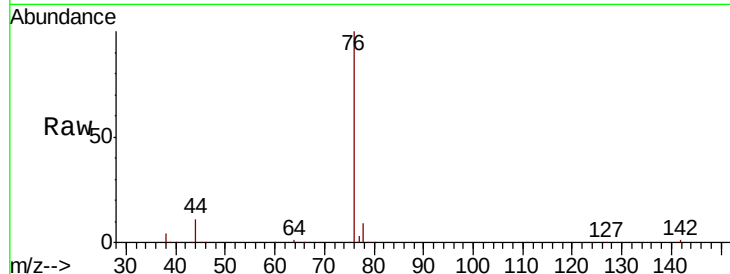




#17
Carbon Disulfide
Concen: 38.128 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

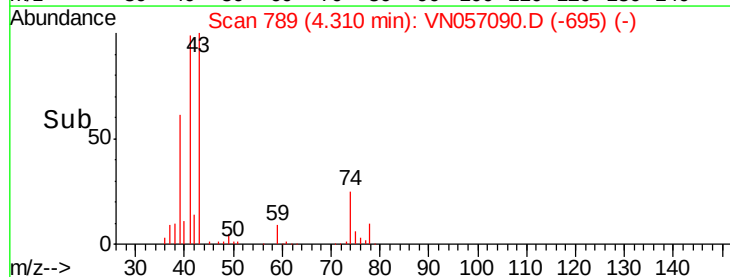
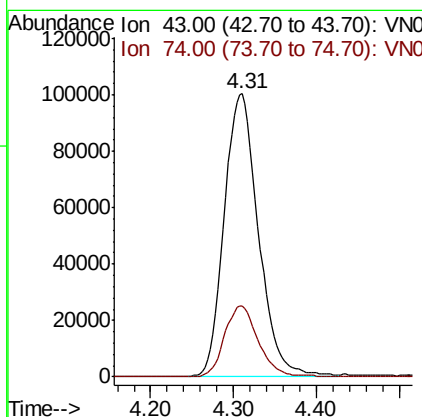
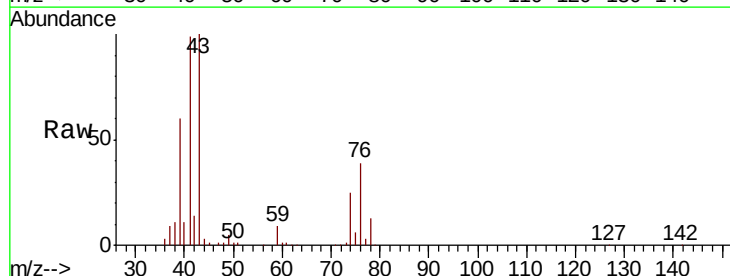
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

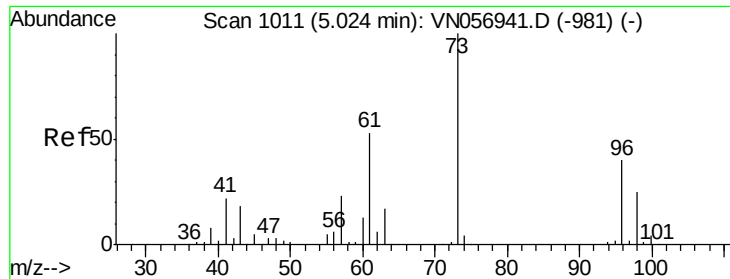
Tgt Ion: 76 Resp: 433434
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 49.614 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion: 43 Resp: 285665
Ion Ratio Lower Upper
43 100
74 24.8 19.7 29.5

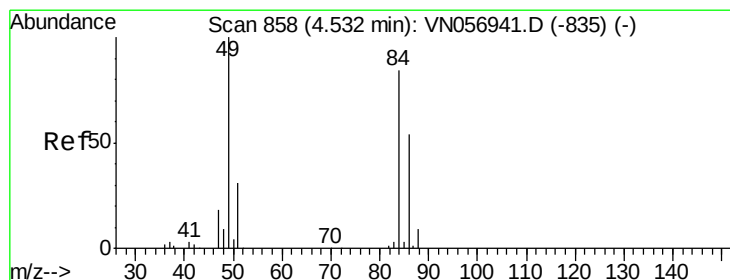
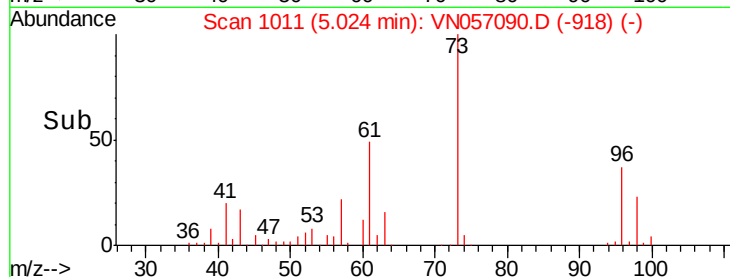
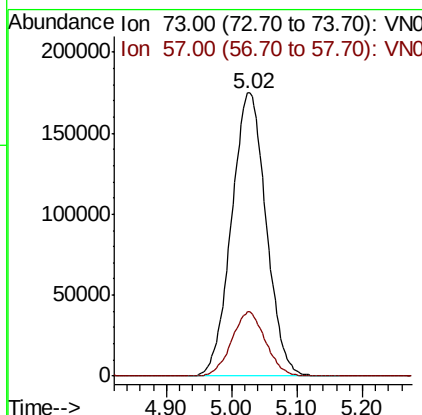
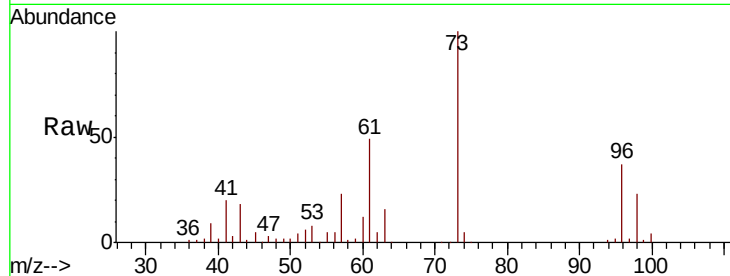




#19
Methyl tert-butyl Ether
Concen: 50.461 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

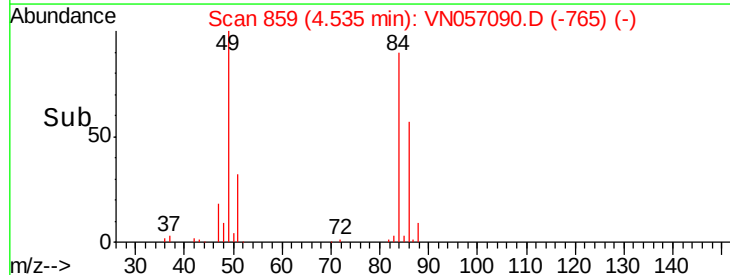
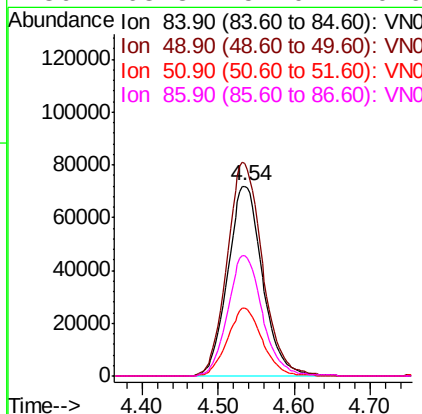
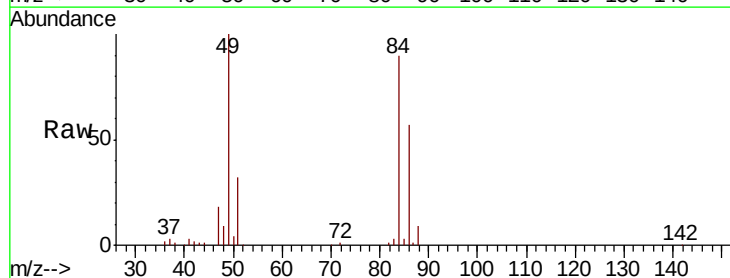
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

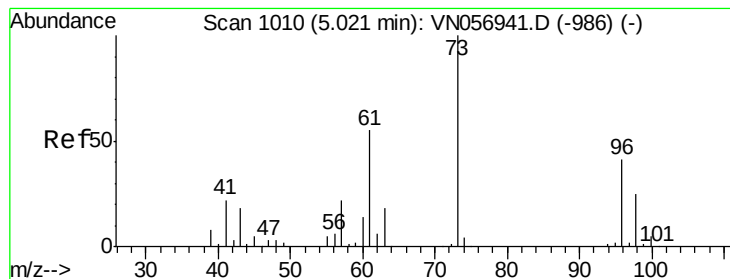
Tgt Ion: 73 Resp: 643688
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5



#20
Methylene Chloride
Concen: 44.052 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion: 84 Resp: 229032
Ion Ratio Lower Upper
84 100
49 111.7 95.2 142.8
51 35.8 29.7 44.5
86 63.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 44.958 ug/l

RT: 5.02 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

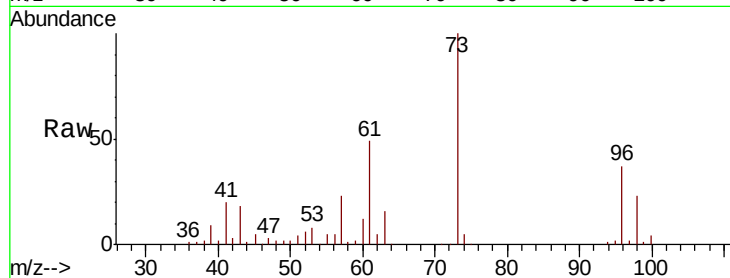
Tgt Ion: 96 Resp: 204267

Ion Ratio Lower Upper

96 100

61 131.7 107.5 161.3

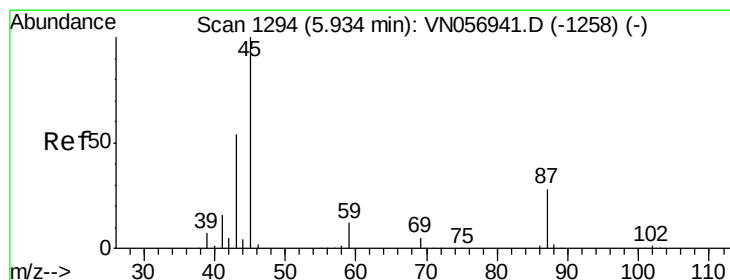
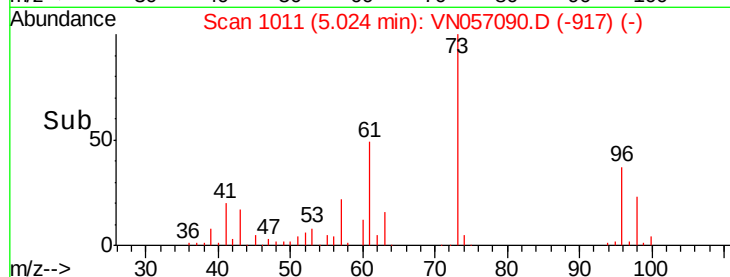
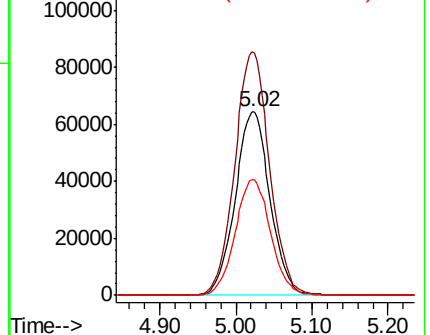
98 63.0 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VN056941.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN056941.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN056941.D (-986) (-)



#22

Diisopropyl ether

Concen: 45.797 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Tgt Ion: 45 Resp: 656651

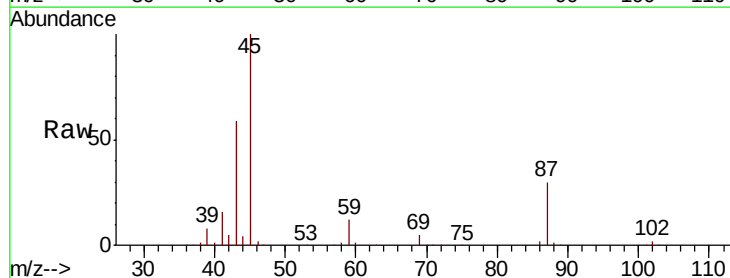
Ion Ratio Lower Upper

45 100

43 58.5 44.7 67.1

87 30.3 23.0 34.6

59 12.0 9.8 14.8

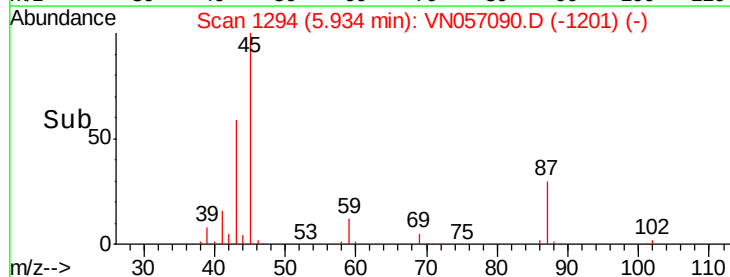
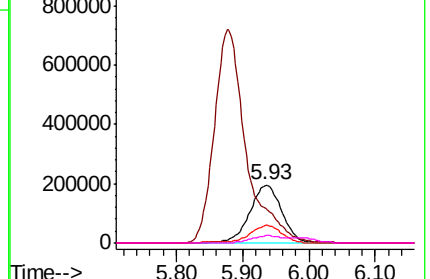


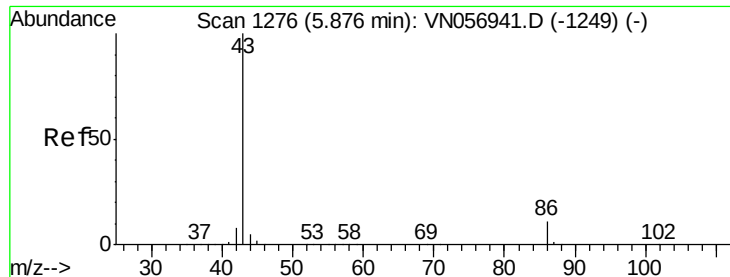
Abundance Ion 45.00 (44.70 to 45.70): VN056941.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN056941.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN056941.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN056941.D (-1258) (-)





#23

Vinyl Acetate

Concen: 242.345 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

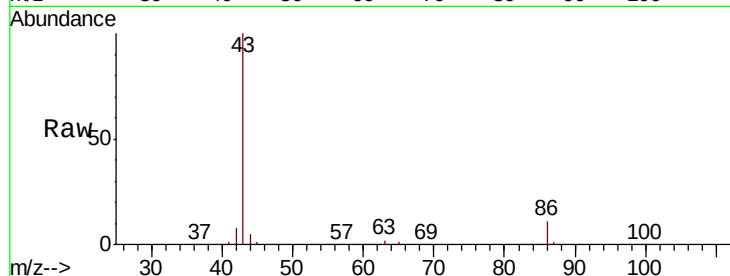
VSTDCCC050

Tgt Ion: 43 Resp: 2407557

Ion Ratio Lower Upper

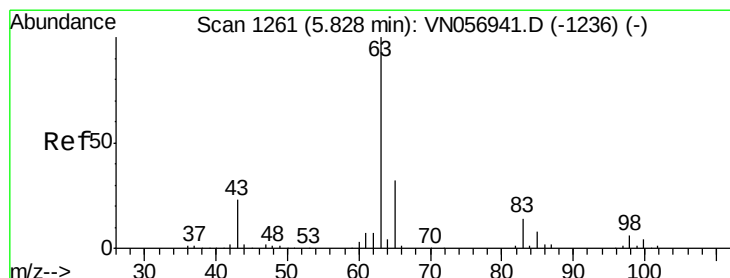
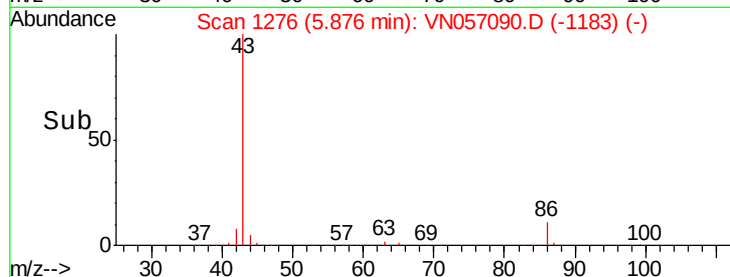
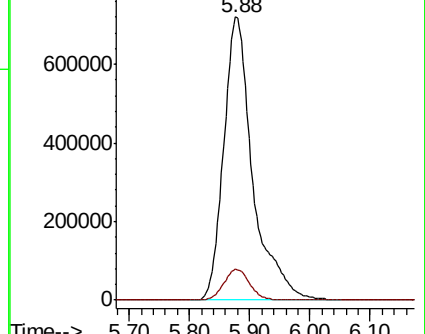
43 100

86 10.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1249) (-)

Ion 86.00 (85.70 to 86.70): VN056941.D (-1249) (-)



#24

1,1-Dichloroethane

Concen: 45.755 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

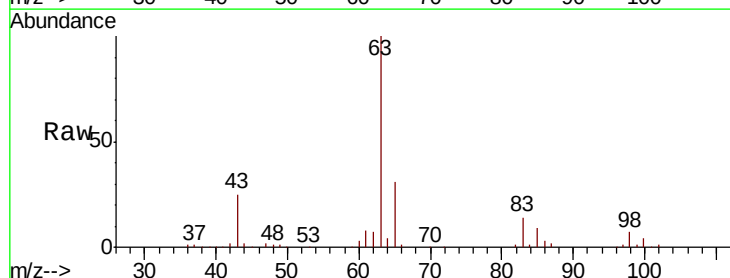
Tgt Ion: 63 Resp: 387073

Ion Ratio Lower Upper

63 100

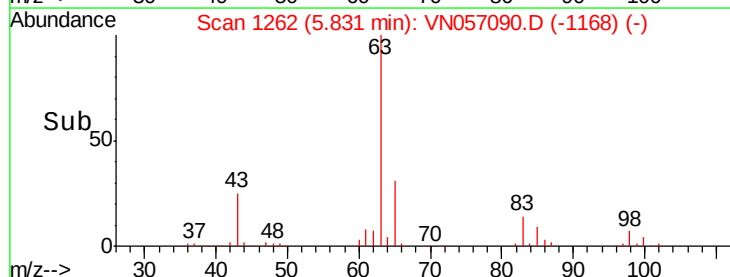
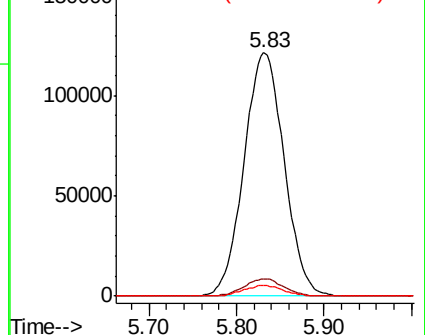
98 7.2 3.2 9.6

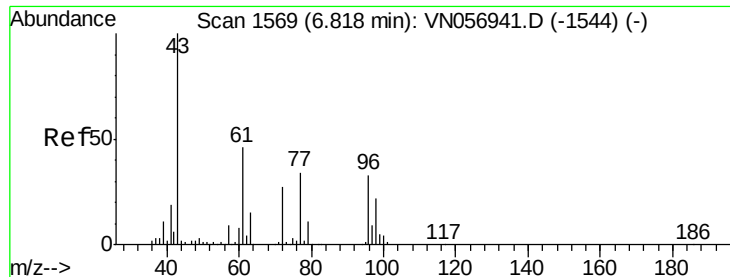
100 4.3 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN056941.D (-1236) (-)

Ion 97.90 (97.60 to 98.60): VN056941.D (-1236) (-)





#25

2-Butanone

Concen: 259.678 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

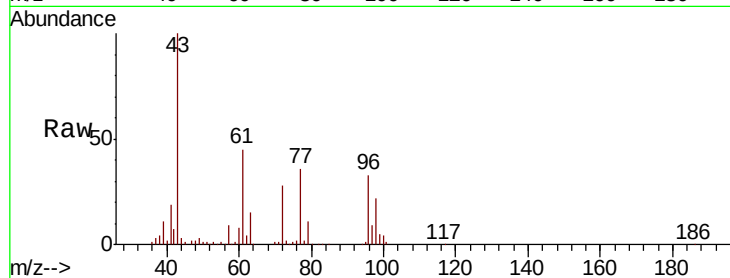
VSTDCCC050

Tgt Ion: 43 Resp: 664610

Ion Ratio Lower Upper

43 100

72 28.2 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1544) (-)

Ion 72.00 (71.70 to 72.70): VN056941.D (-1544) (-)

6.82

250000

200000

150000

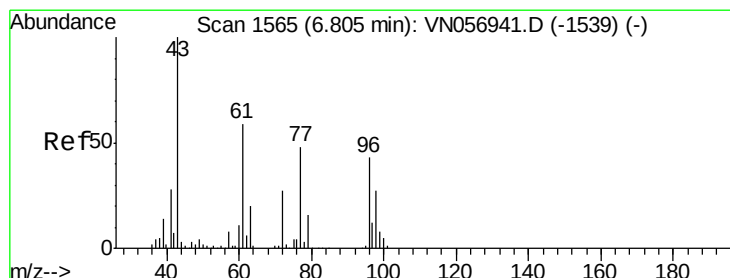
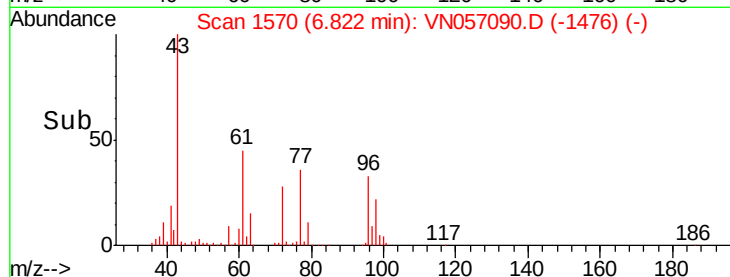
100000

50000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 48.279 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057090.D

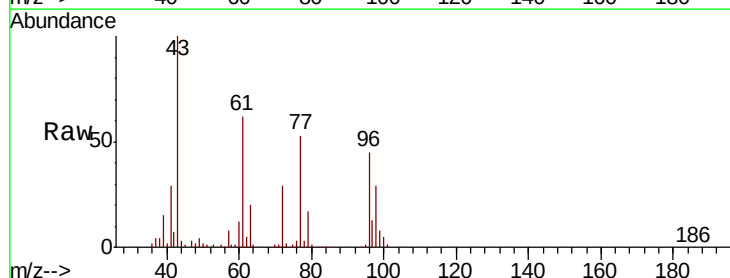
Acq: 6 Aug 2019 9:51

Tgt Ion: 77 Resp: 310558

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN056941.D (-1539) (-)

Ion 96.90 (96.60 to 97.60): VN056941.D (-1539) (-)

6.81

100000

80000

60000

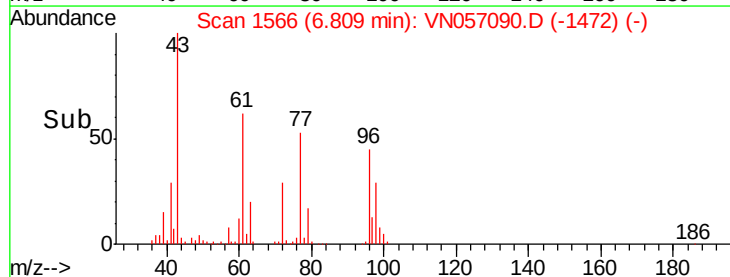
40000

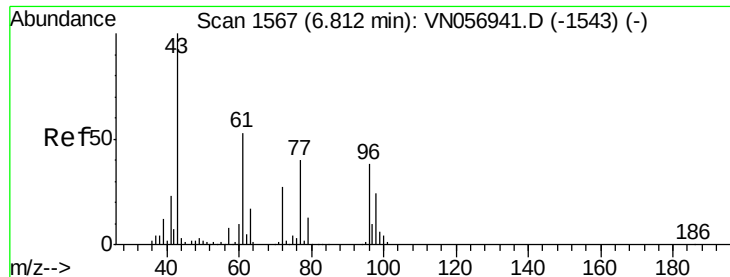
20000

0

6.70 6.75 6.80 6.85 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.100 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

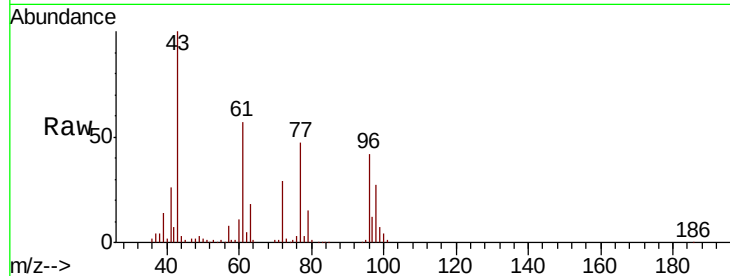
Tgt Ion: 96 Resp: 247733

Ion Ratio Lower Upper

96 100

61 137.9 0.0 277.2

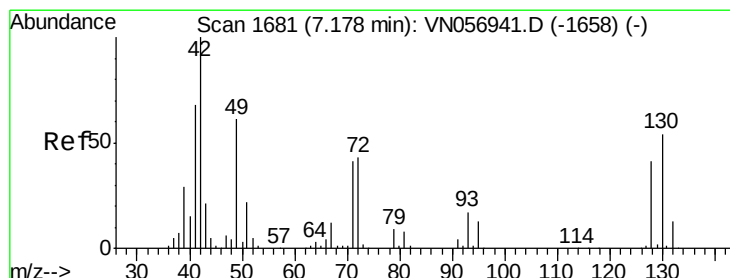
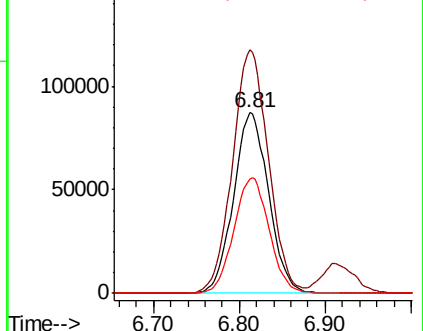
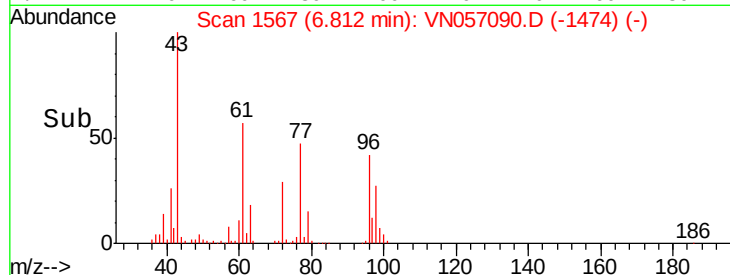
98 64.4 0.0 128.4



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: 44.703 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

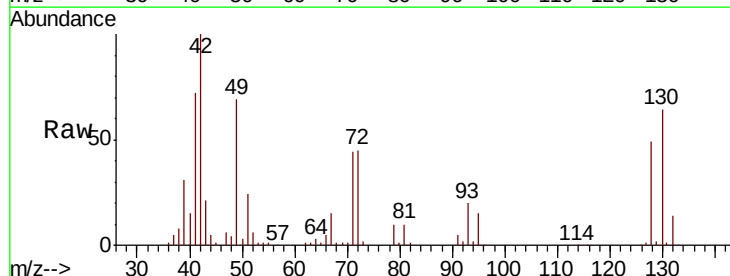
Tgt Ion: 49 Resp: 177757

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

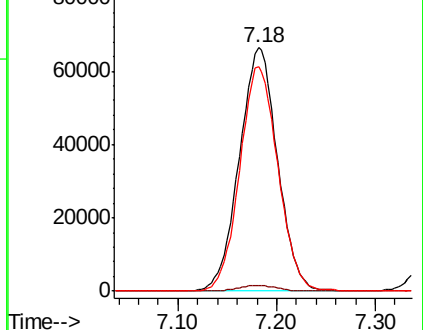
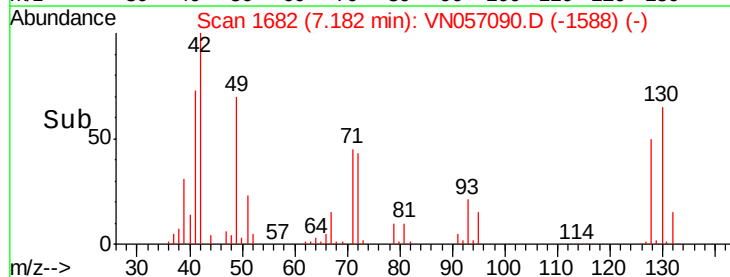
130 92.2 69.0 103.4

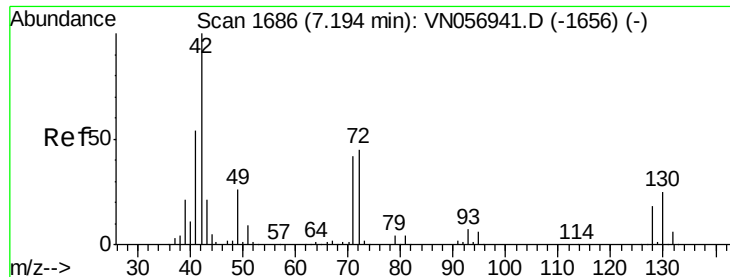


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

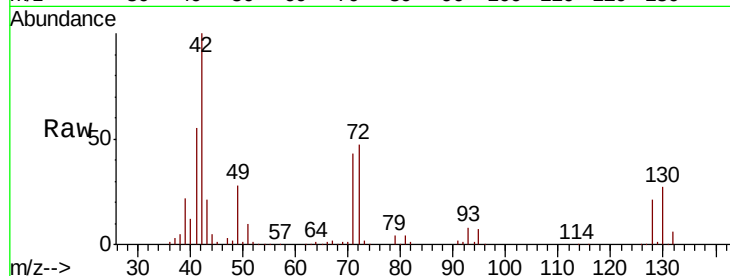




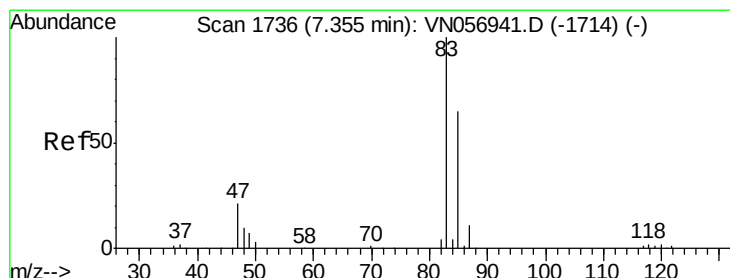
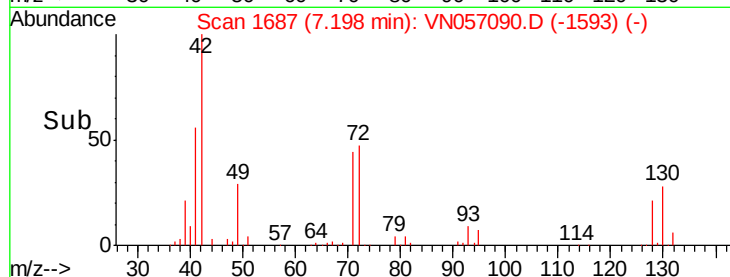
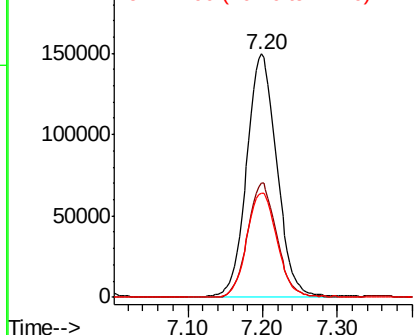
#29
Tetrahydrofuran
Concen: 250.903 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 418969
Ion Ratio Lower Upper
42 100
72 45.7 35.6 53.4
71 43.3 33.5 50.3

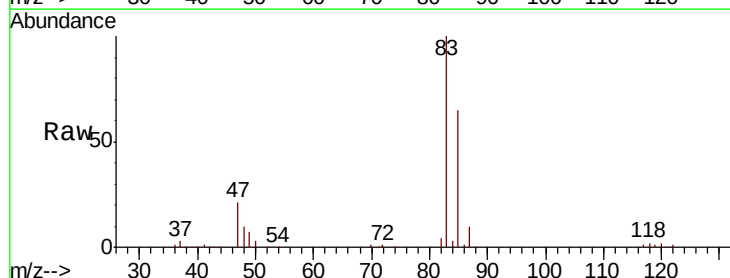


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

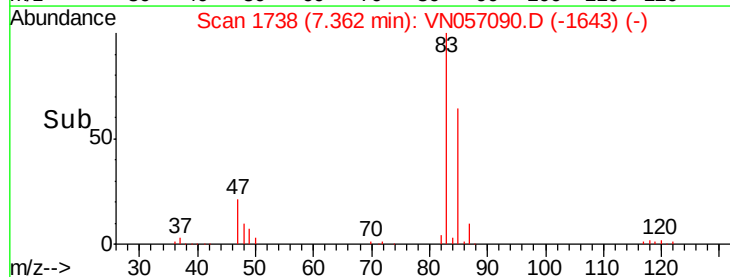
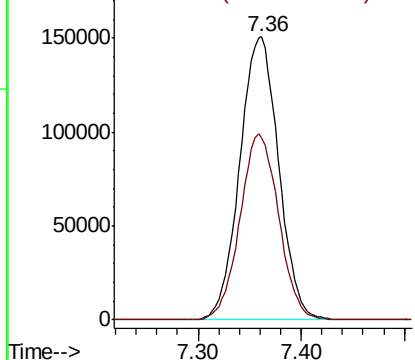


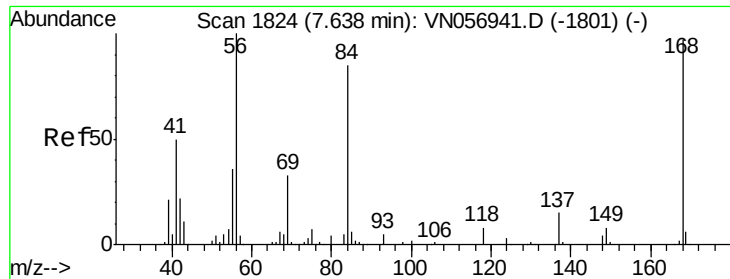
#30
Chloroform
Concen: 45.629 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion: 83 Resp: 394667
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.2



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

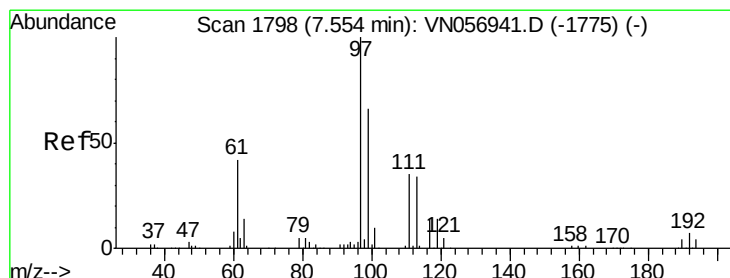
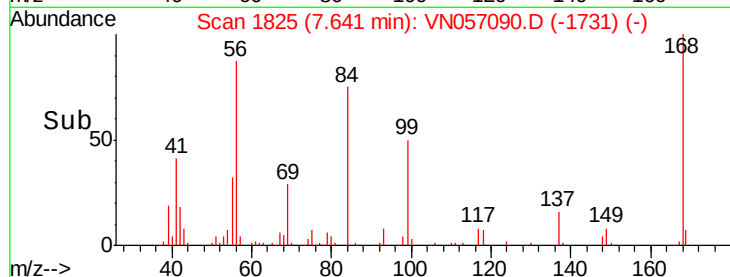
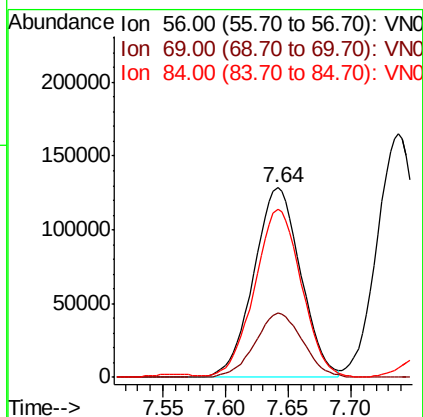
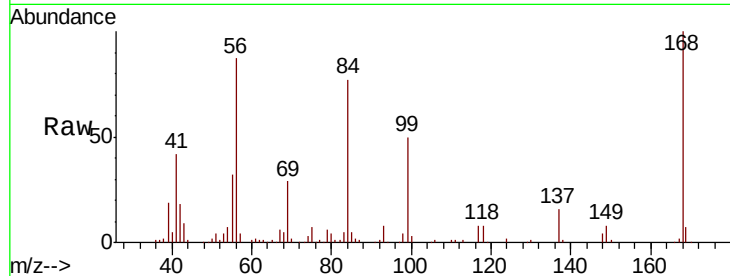




#31
Cyclohexane
Concen: 40.892 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

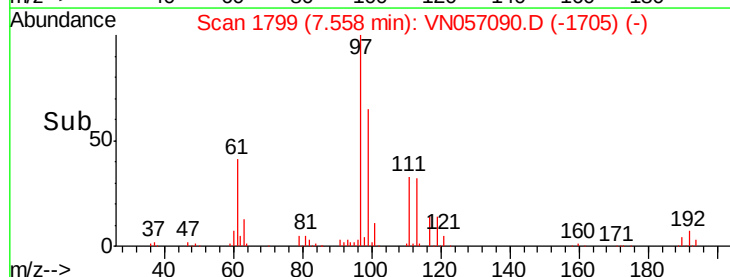
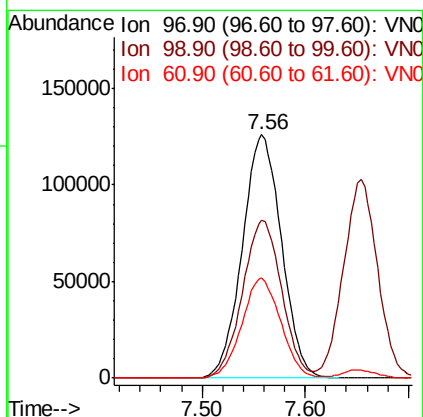
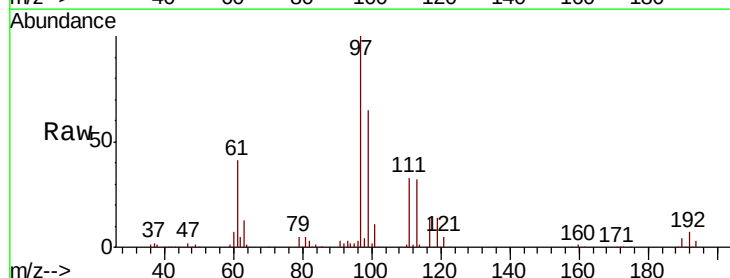
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

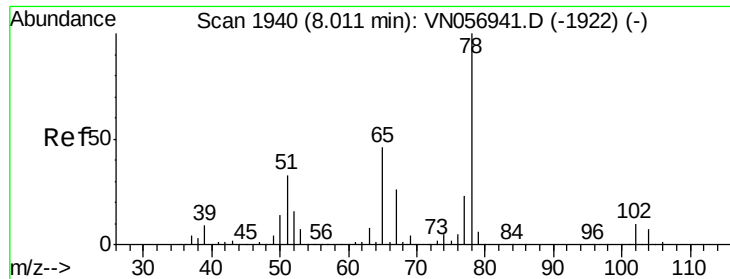
Tgt Ion: 56 Resp: 334759
Ion Ratio Lower Upper
56 100
69 33.9 26.2 39.2
84 87.4 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 48.165 ug/l
RT: 7.56 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion: 97 Resp: 332406
Ion Ratio Lower Upper
97 100
99 65.0 52.3 78.5
61 40.8 33.9 50.9

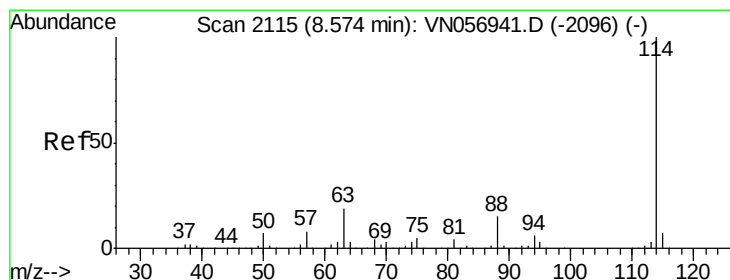
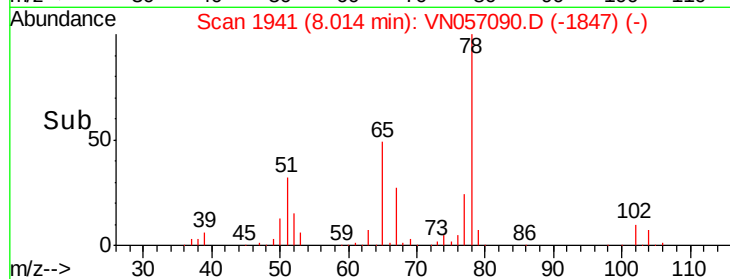
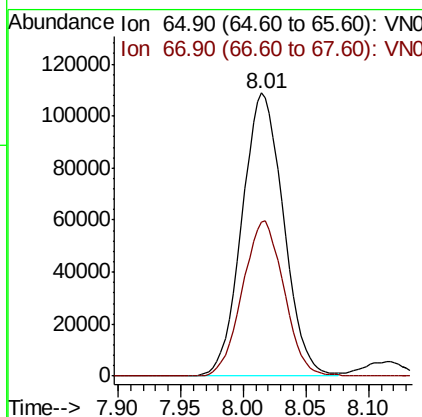
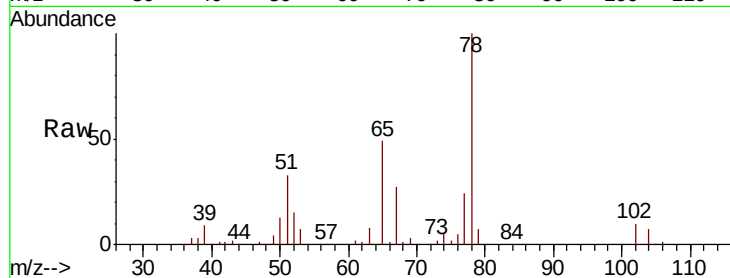




#33
 1,2-Dichloroethane-d4
 Concen: 50.474 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

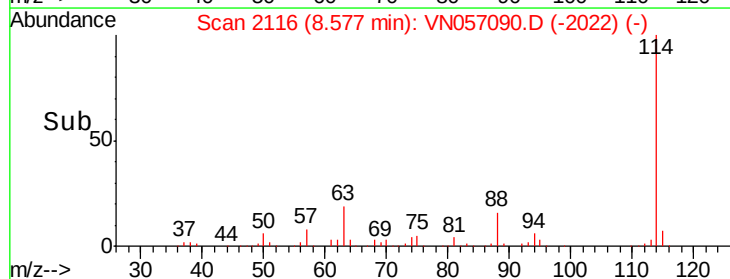
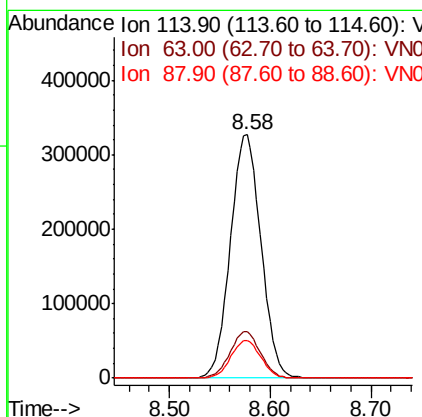
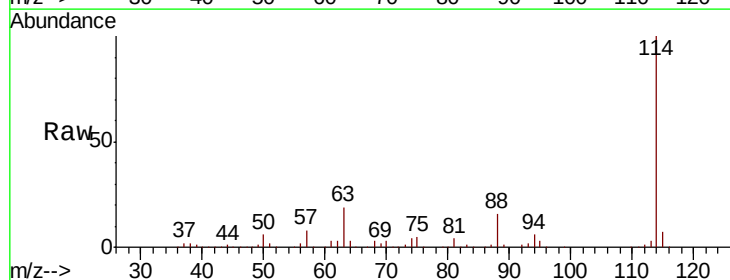
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

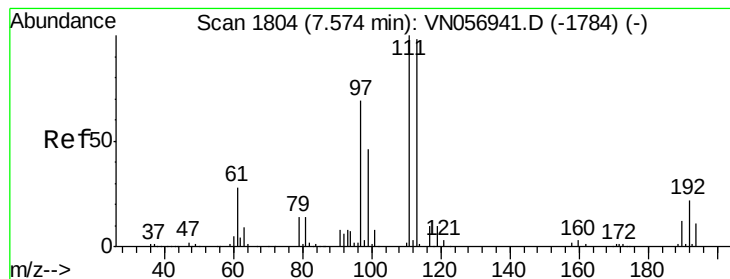
Tgt Ion: 65 Resp: 251467
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Tgt Ion: 114 Resp: 690202
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.0
 88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.915 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

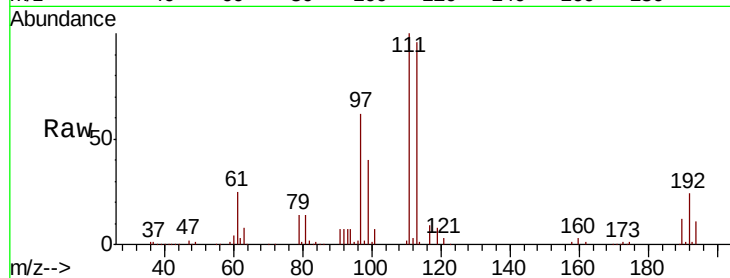
Tgt Ion:113 Resp: 224964

Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

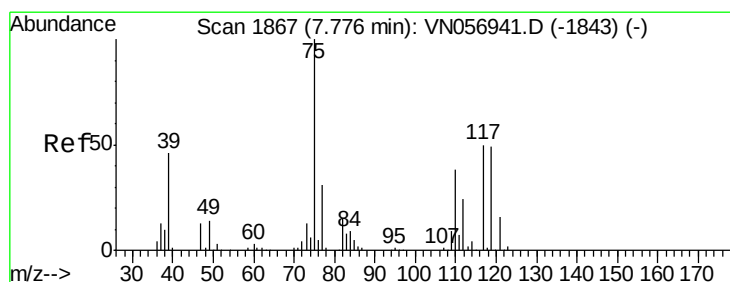
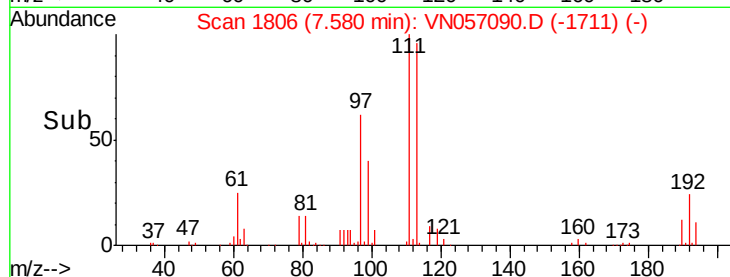
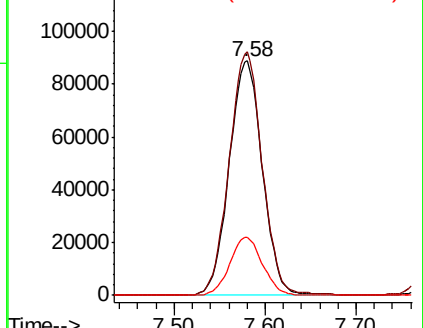
192 24.4 18.4 27.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.278 ug/l

RT: 7.78 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

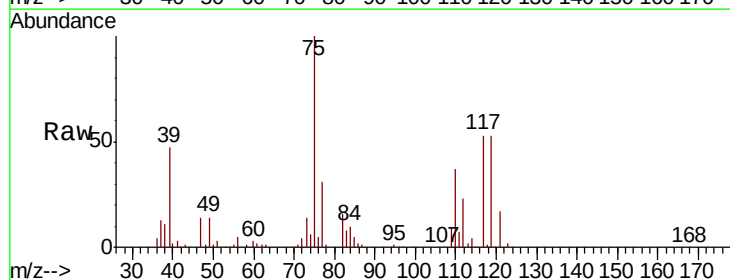
Tgt Ion: 75 Resp: 281060

Ion Ratio Lower Upper

75 100

110 37.7 18.6 55.8

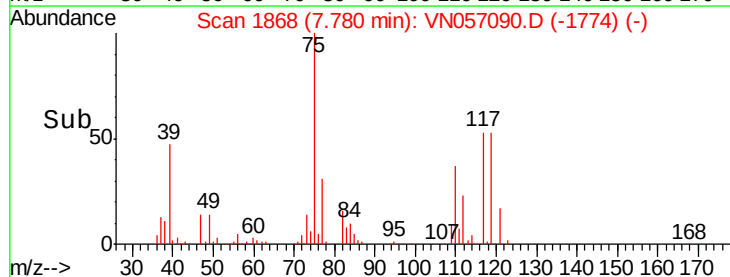
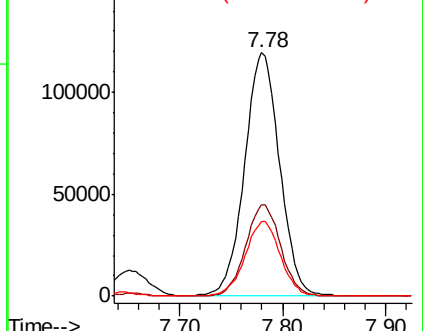
77 31.2 25.2 37.8

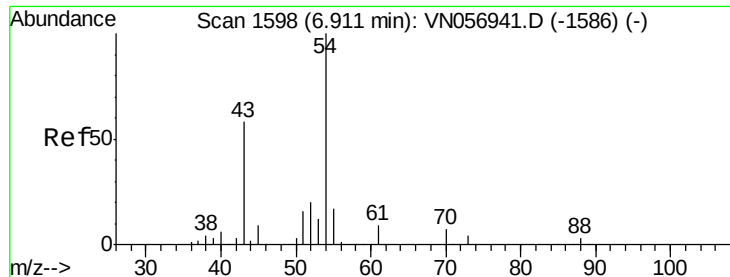


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

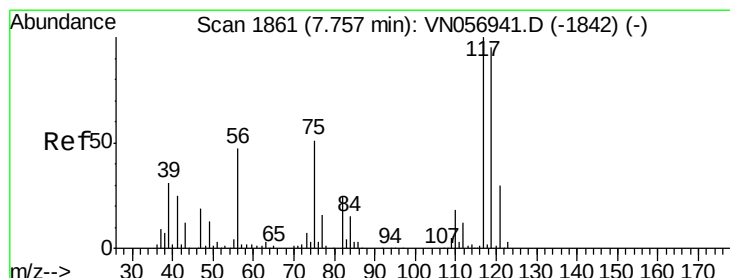
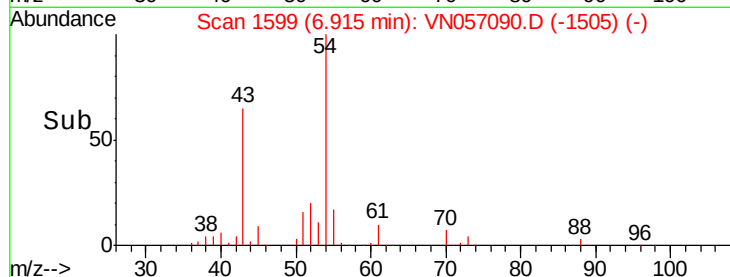
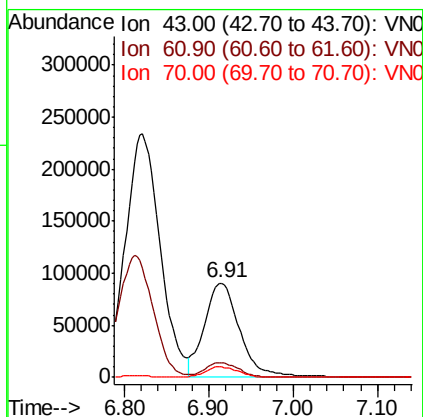
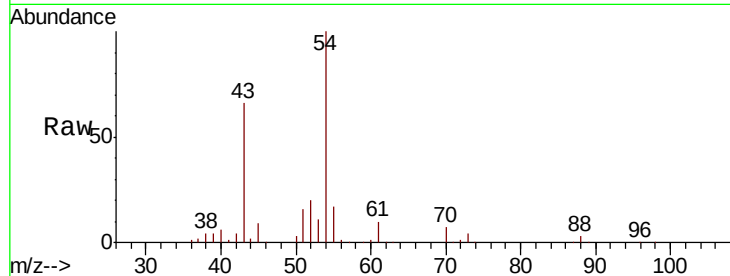




#37
 Ethyl Acetate
 Concen: 53.199 ug/l
 RT: 6.91 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

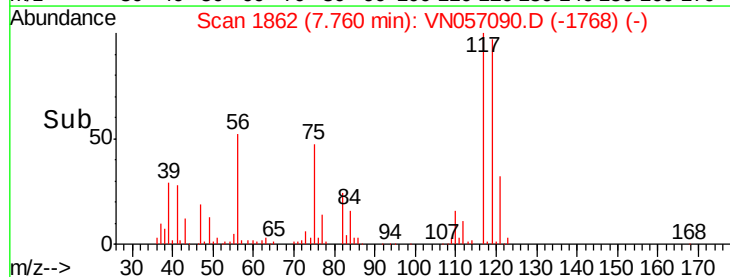
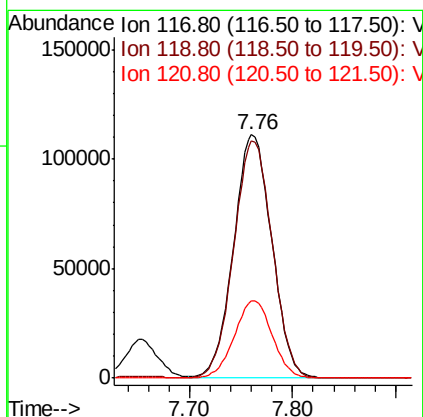
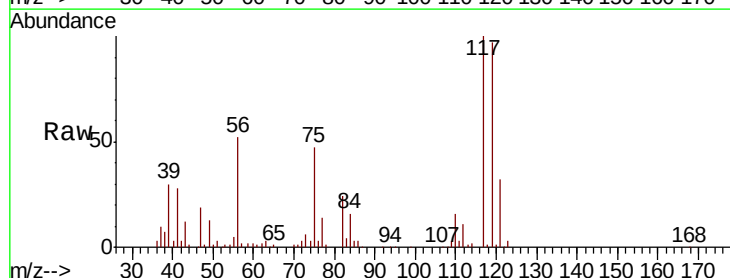
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

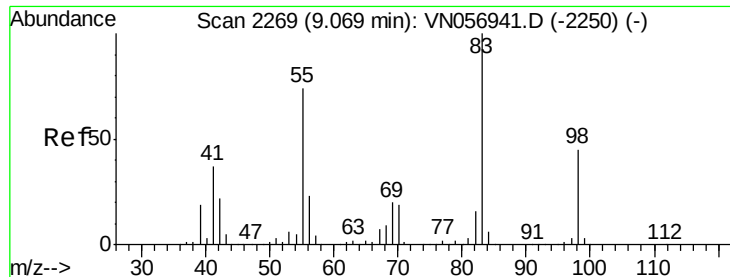
Tgt Ion: 43 Resp: 258771
 Ion Ratio Lower Upper
 43 100
 61 14.9 11.8 17.6
 70 11.0 8.5 12.7



#38
 Carbon Tetrachloride
 Concen: 49.816 ug/l
 RT: 7.76 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Tgt Ion: 117 Resp: 286182
 Ion Ratio Lower Upper
 117 100
 119 97.3 75.3 112.9
 121 31.5 24.2 36.4

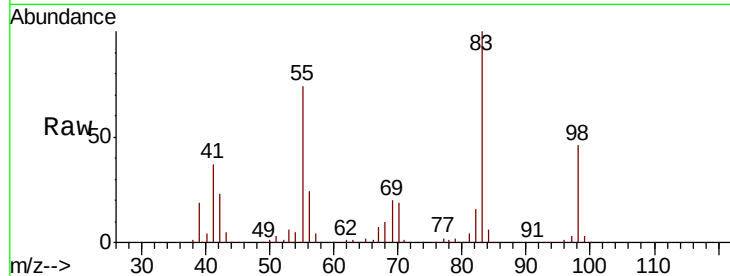




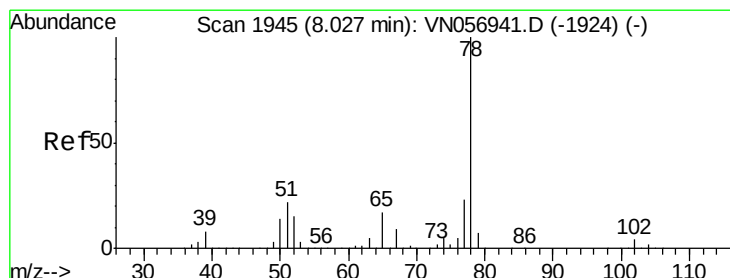
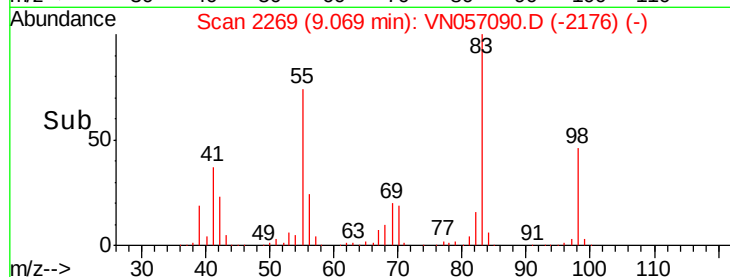
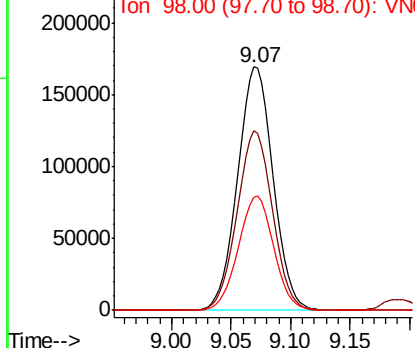
#39
Methylcyclohexane
Concen: 45.232 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 351097
Ion Ratio Lower Upper
83 100
55 73.8 59.0 88.6
98 46.5 36.2 54.4

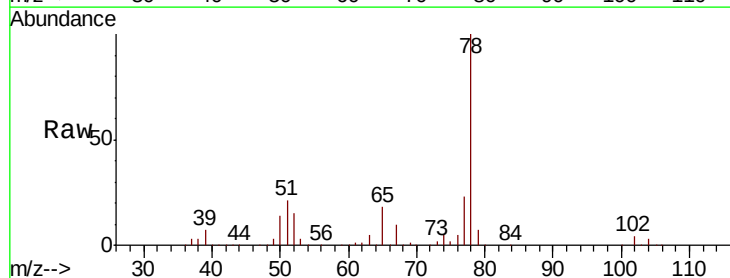


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

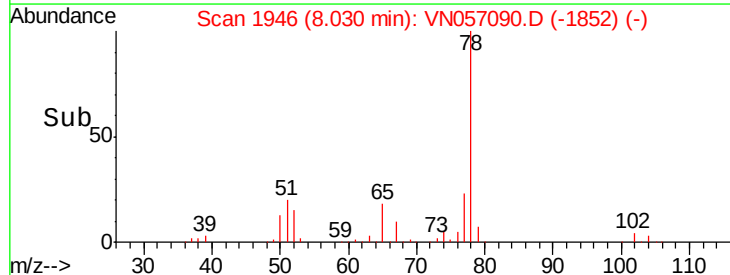
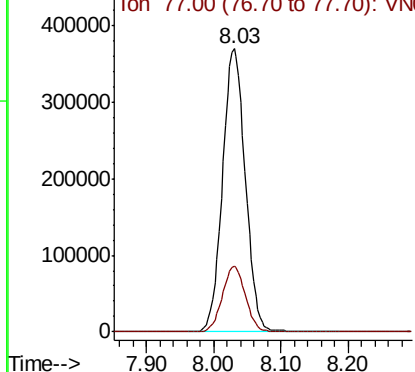


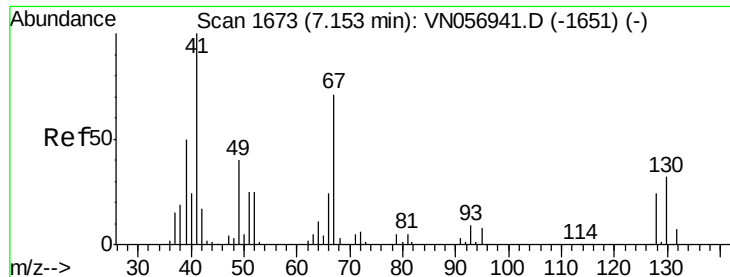
#40
Benzene
Concen: 46.718 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion: 78 Resp: 873912
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5



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

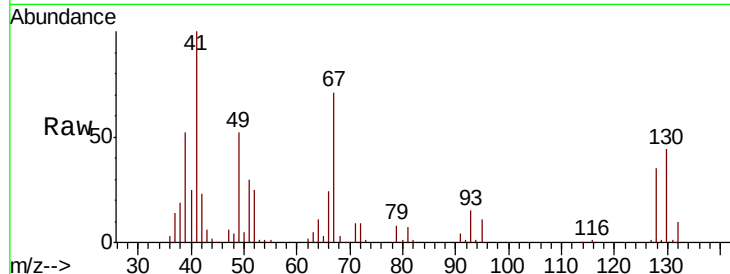




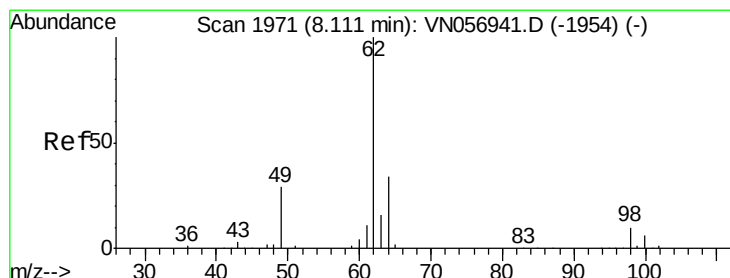
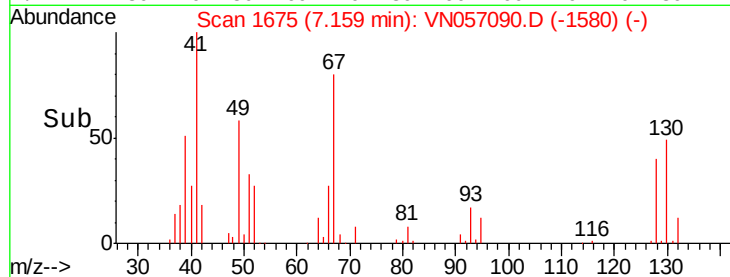
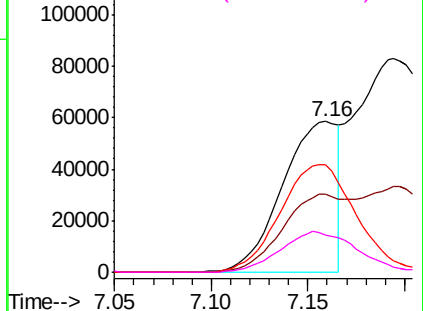
#41
Methacrylonitrile
Concen: 52.041 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 117022
Ion Ratio Lower Upper
41 100
39 55.9 48.9 73.3
67 98.1 83.4 125.0
52 36.5 30.9 46.3

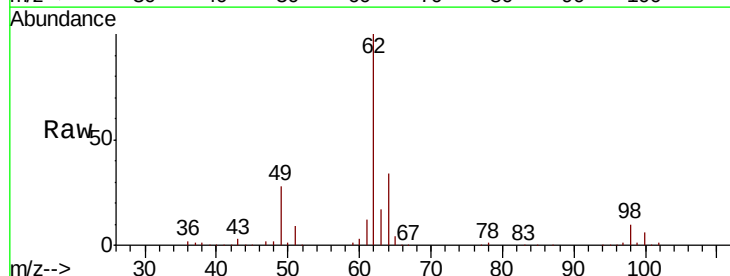


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

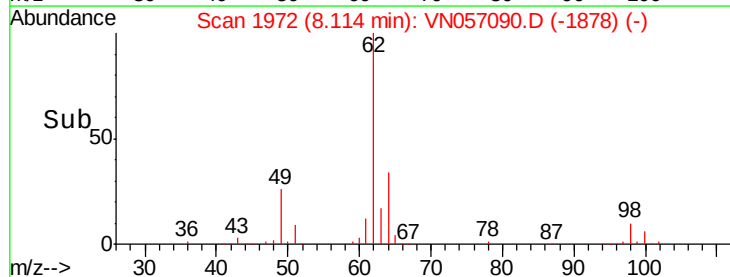
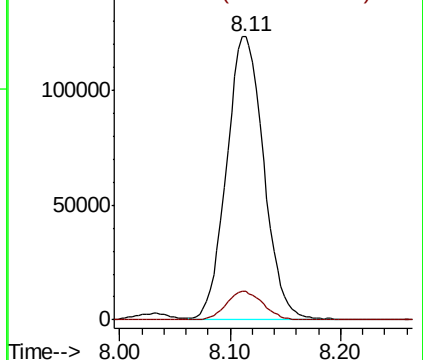


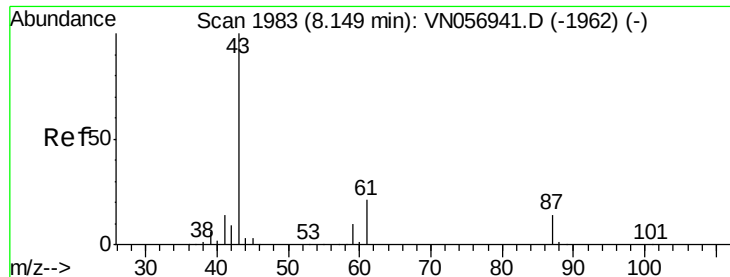
#42
1,2-Dichloroethane
Concen: 48.938 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion: 62 Resp: 286904
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 53.182 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

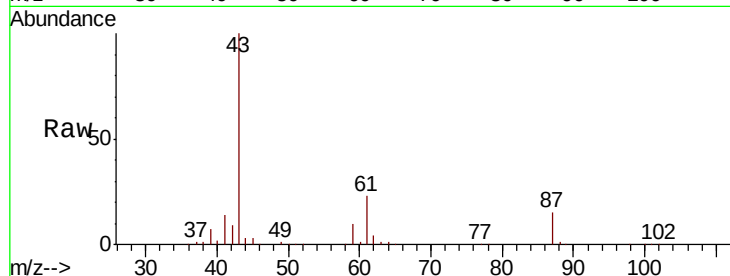
Tgt Ion: 43 Resp: 427566

Ion Ratio Lower Upper

43 100

61 28.4 23.0 34.6

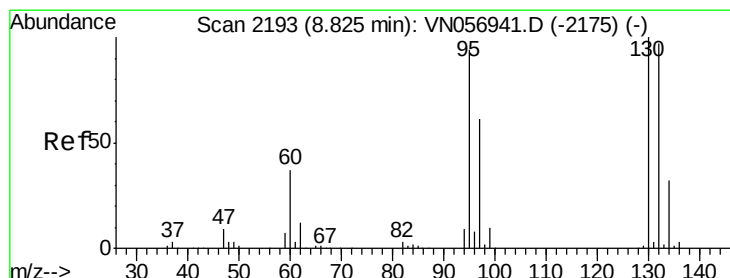
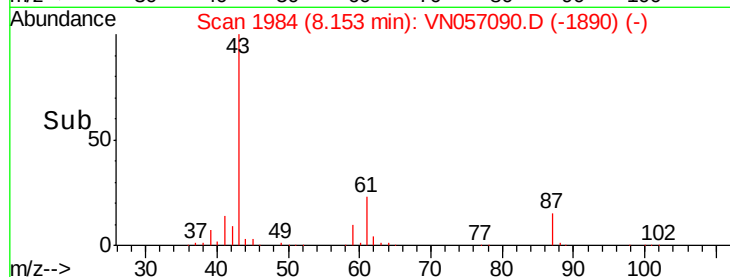
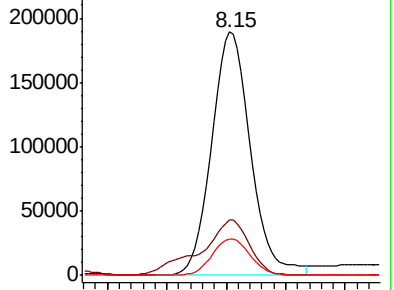
87 14.7 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN056941.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN056941.D (-1962) (-)



#44

Trichloroethene

Concen: 48.180 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN057090.D

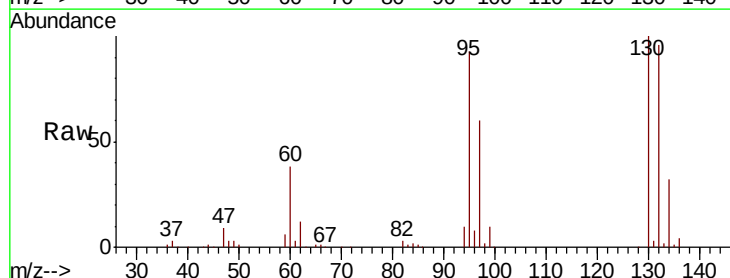
Acq: 6 Aug 2019 9:51

Tgt Ion: 130 Resp: 248294

Ion Ratio Lower Upper

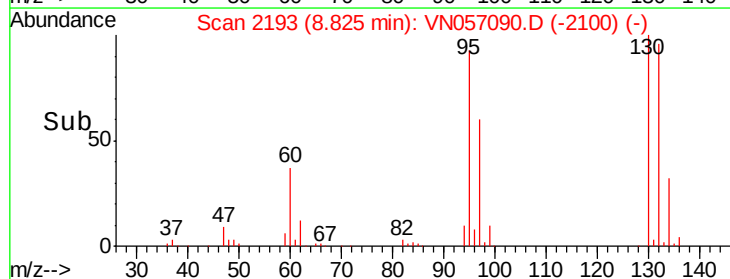
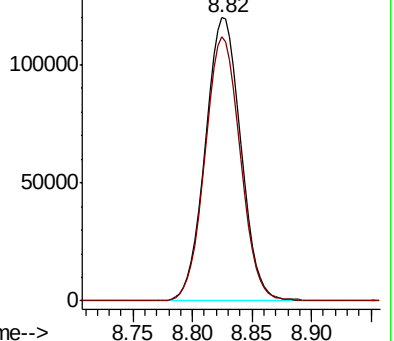
130 100

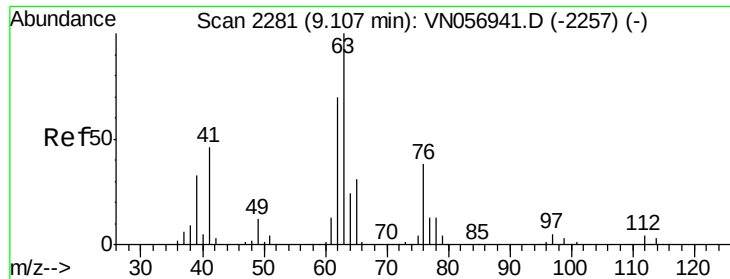
95 93.3 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): VN056941.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN056941.D (-2175) (-)

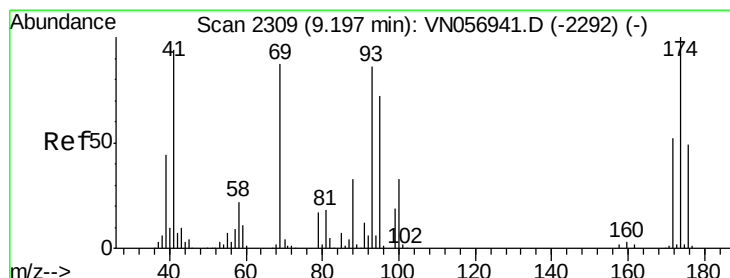
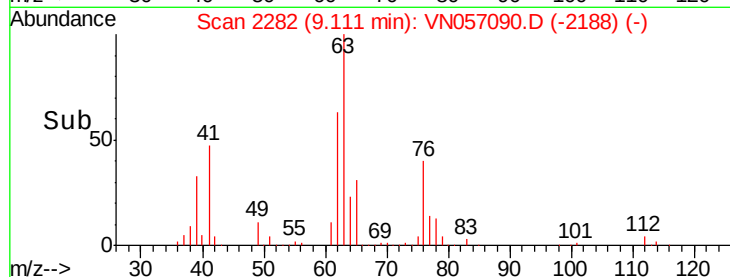
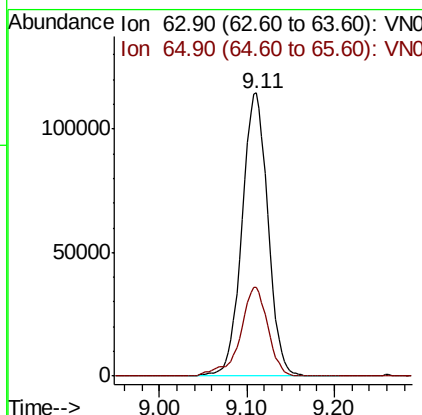
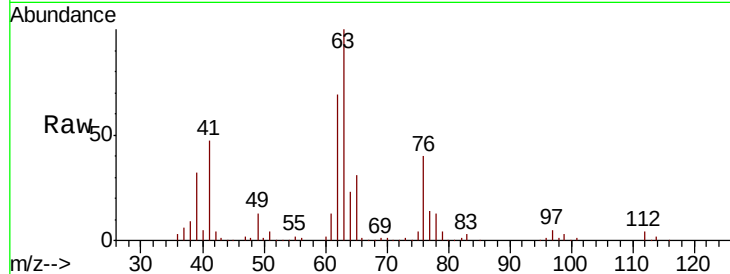




#45
 1,2-Dichloropropane
 Concen: 47.208 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

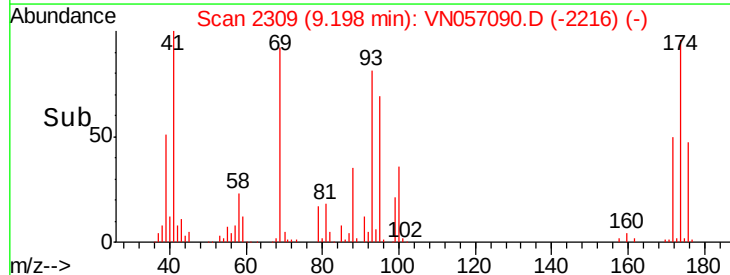
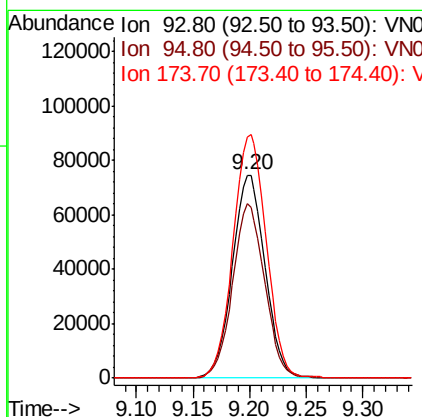
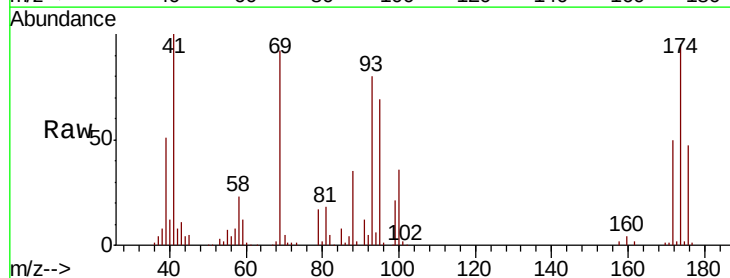
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

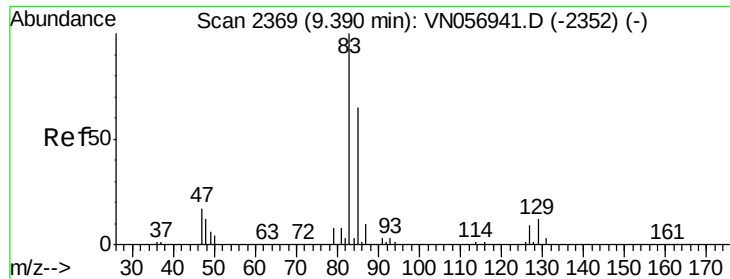
Tgt Ion: 63 Resp: 236202
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.8 37.2



#46
 Dibromomethane
 Concen: 49.770 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Tgt Ion: 93 Resp: 150178
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.0 100.6
 174 121.3 92.7 139.1

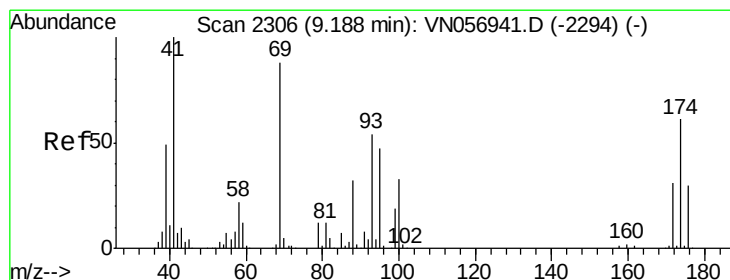
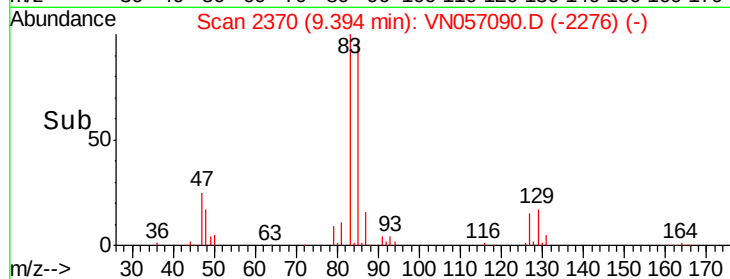
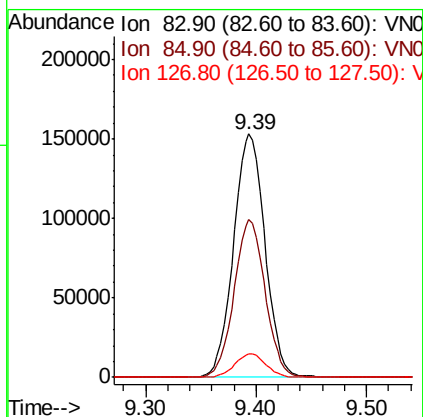
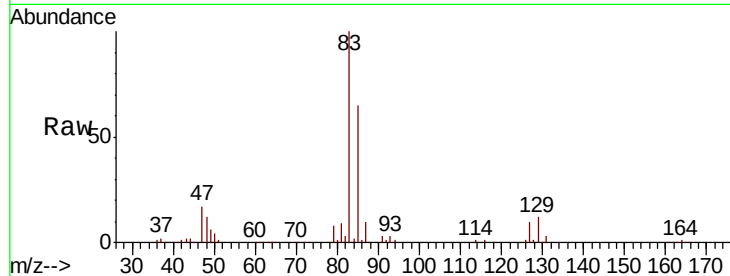




#47
 Bromodichloromethane
 Concen: 51.008 ug/l
 RT: 9.39 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

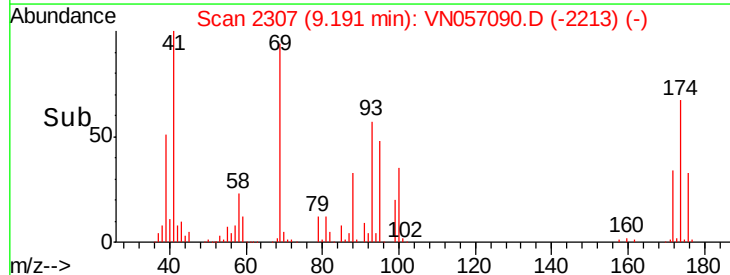
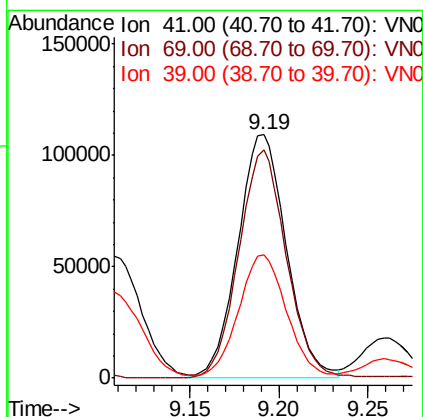
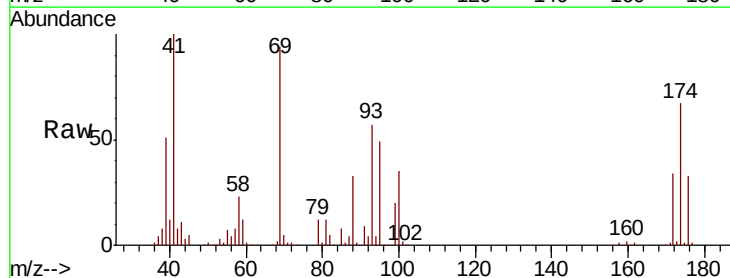
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

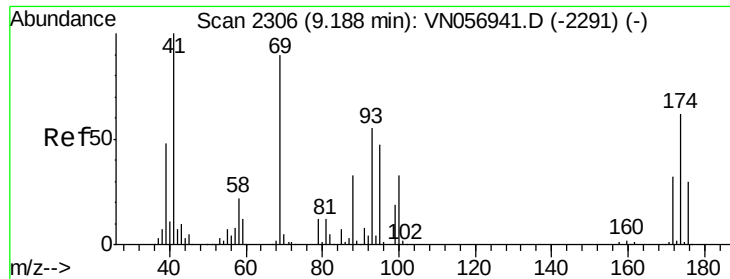
Tgt Ion: 83 Resp: 302610
 Ion Ratio Lower Upper
 83 100
 85 64.8 51.6 77.4
 127 9.7 7.3 10.9



#48
 Methyl methacrylate
 Concen: 53.380 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Tgt Ion: 41 Resp: 207193
 Ion Ratio Lower Upper
 41 100
 69 92.8 73.4 110.0
 39 50.5 39.9 59.9





#49

1,4-Dioxane

Concen: 1000.927 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

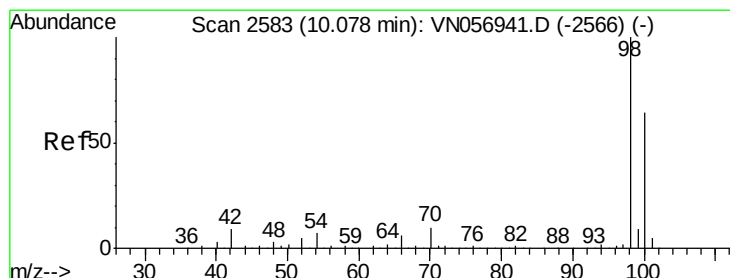
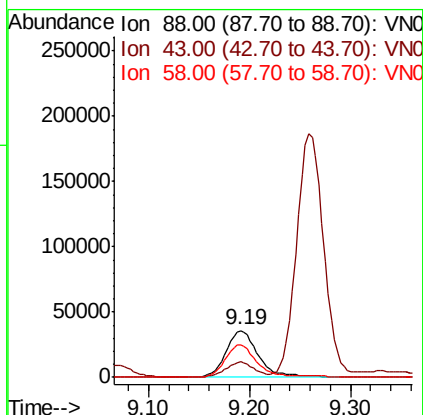
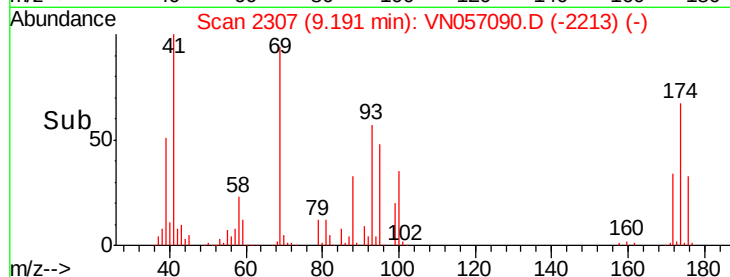
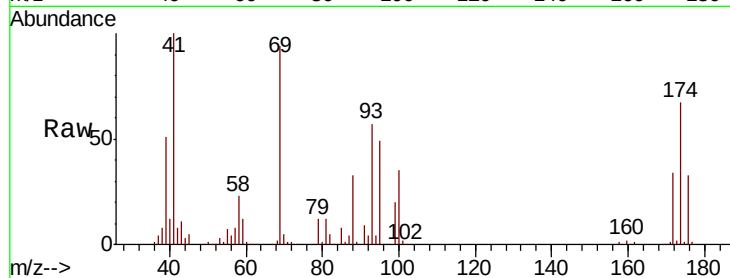
Tgt Ion: 88 Resp: 80064

Ion Ratio Lower Upper

88 100

43 28.2 22.2 33.2

58 66.8 54.1 81.1



#50

Toluene-d8

Concen: 49.712 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057090.D

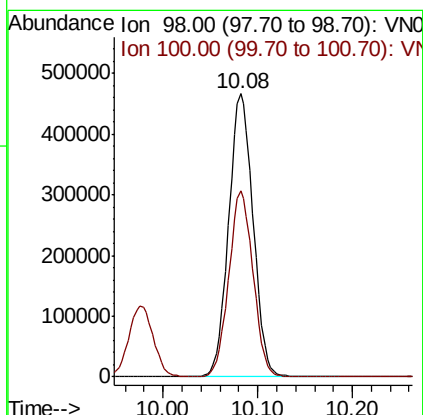
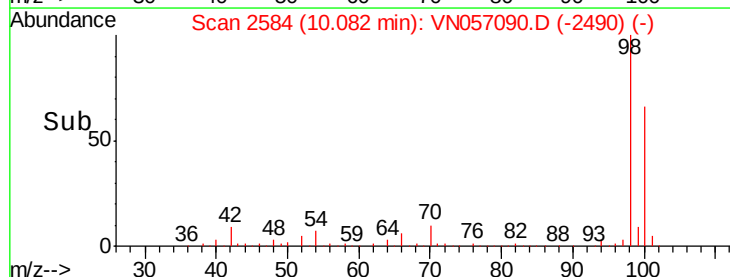
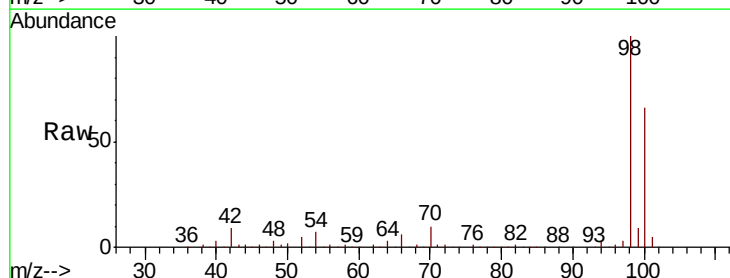
Acq: 6 Aug 2019 9:51

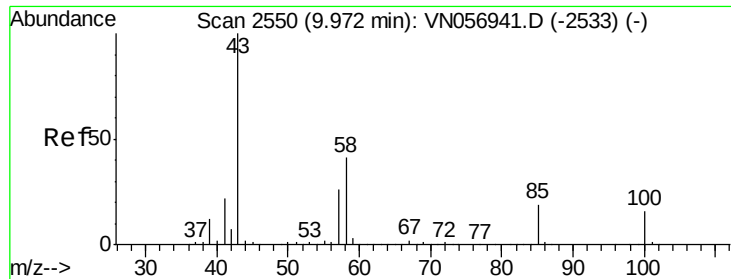
Tgt Ion: 98 Resp: 837626

Ion Ratio Lower Upper

98 100

100 65.0 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 269.695 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

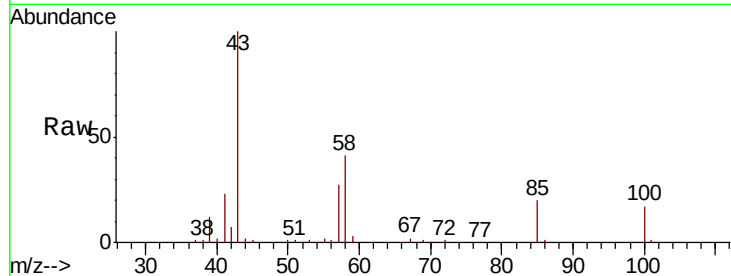
VSTDCCC050

Tgt Ion: 43 Resp: 1288295

Ion Ratio Lower Upper

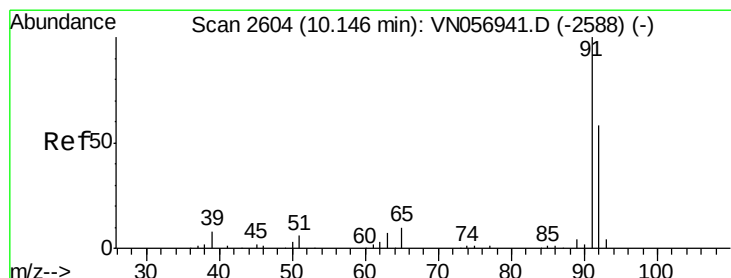
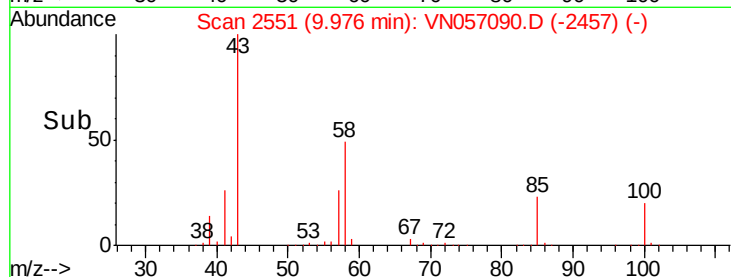
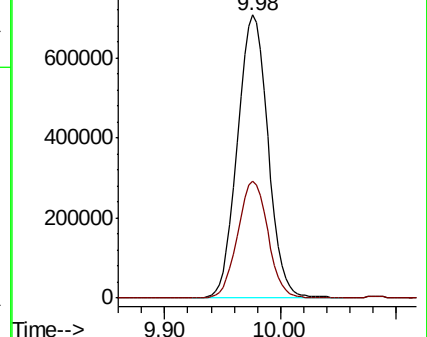
43 100

58 41.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-2533) (-)



#52

Toluene

Concen: 48.812 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN057090.D

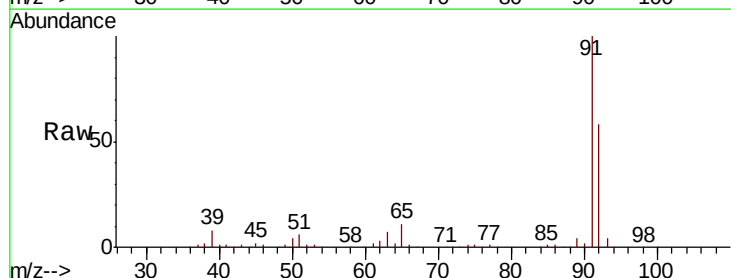
Acq: 6 Aug 2019 9:51

Tgt Ion: 92 Resp: 548582

Ion Ratio Lower Upper

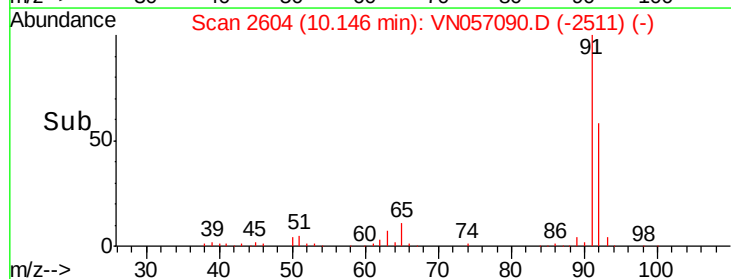
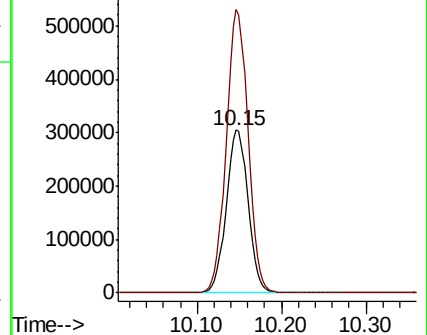
92 100

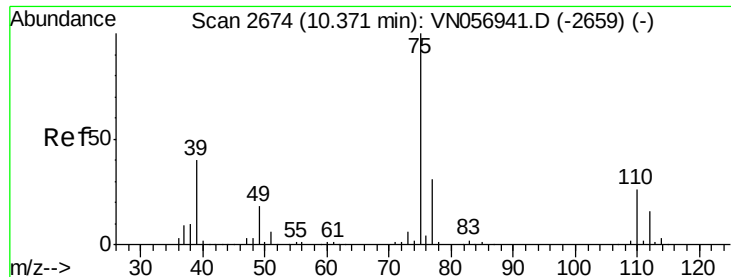
91 173.3 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN056941.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN056941.D (-2588) (-)





#53

t-1,3-Dichloropropene

Concen: 51.468 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

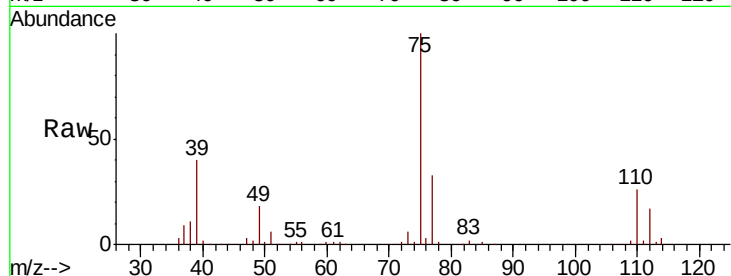
VSTDCCC050

Tgt Ion: 75 Resp: 316855

Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN057090.D (-2581) (-)

Ion 76.90 (76.60 to 77.60): VN057090.D (-2581) (-)

10.37

200000

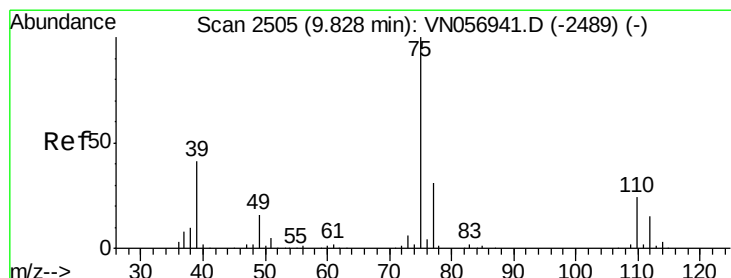
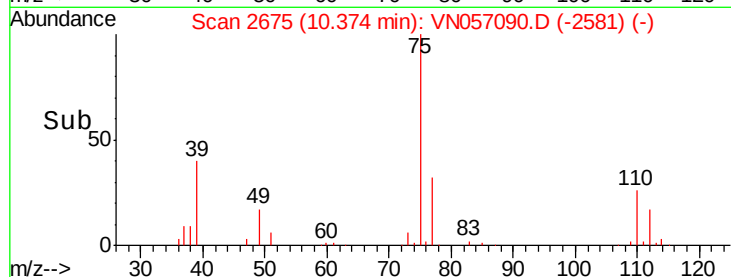
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.340 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

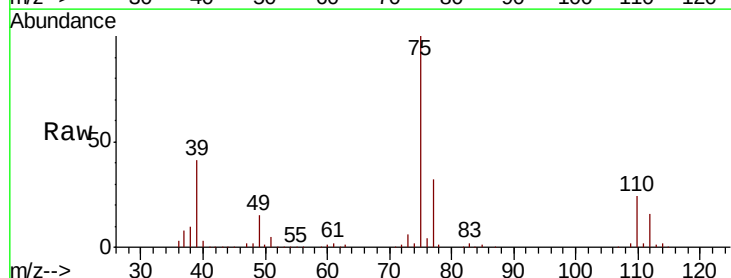
Tgt Ion: 75 Resp: 360335

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

39 40.9 32.6 49.0



Abundance Ion 74.90 (74.60 to 75.60): VN057090.D (-2412) (-)

Ion 76.90 (76.60 to 77.60): VN057090.D (-2412) (-)

Ion 39.00 (38.70 to 39.70): VN057090.D (-2412) (-)

9.83

250000

200000

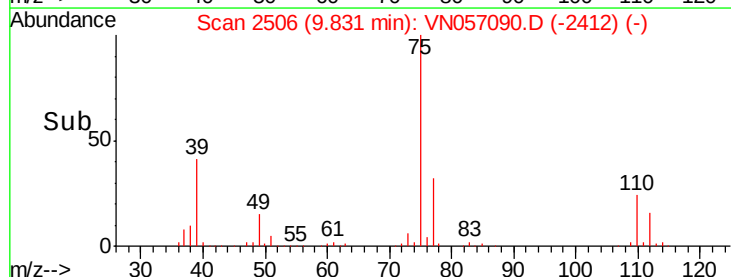
150000

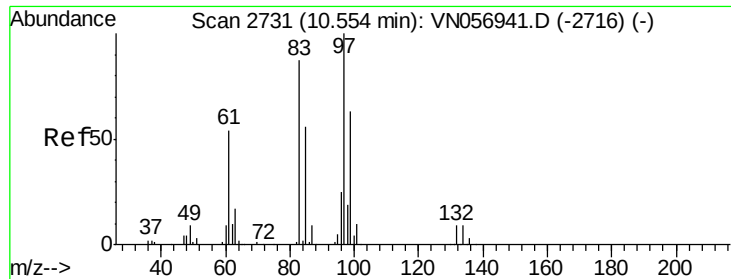
100000

50000

0

Time-->

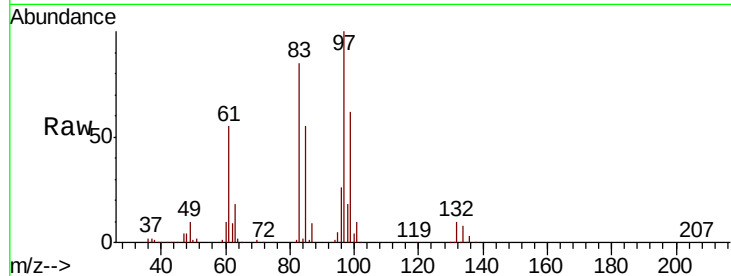




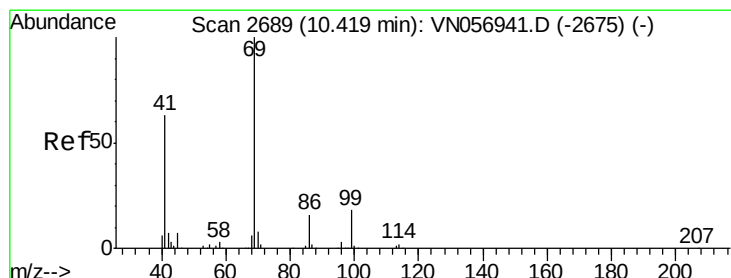
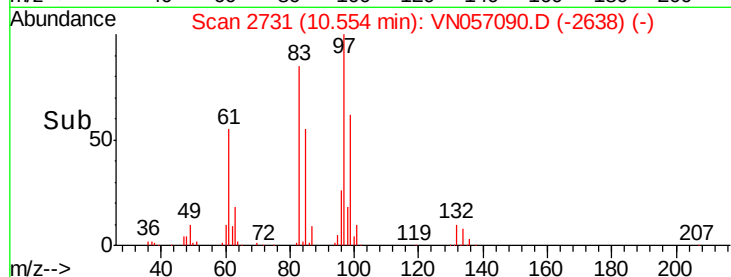
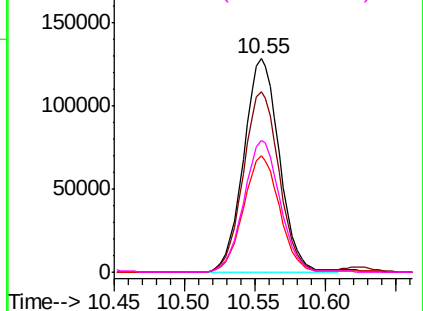
#55
 1,1,2-Trichloroethane
 Concen: 50.364 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	226996
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.4	104.0
85	54.6	44.7	67.1
99	61.8	50.1	75.1

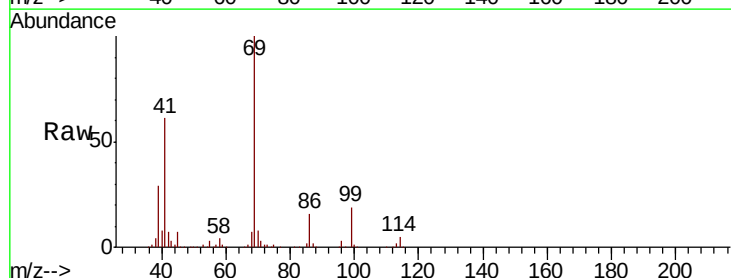


Abundance Ion 96.90 (96.60 to 97.60): VN056941.D (-2716) (-)
 Ion 82.90 (82.60 to 83.60): VN056941.D (-2716) (-)
 Ion 84.90 (84.60 to 85.60): VN056941.D (-2716) (-)
 Ion 98.90 (98.60 to 99.60): VN056941.D (-2716) (-)

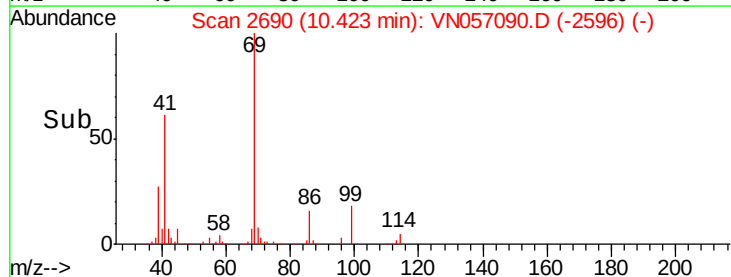
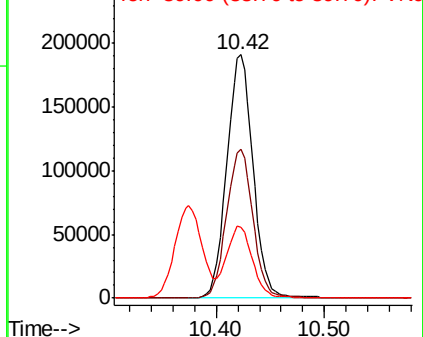


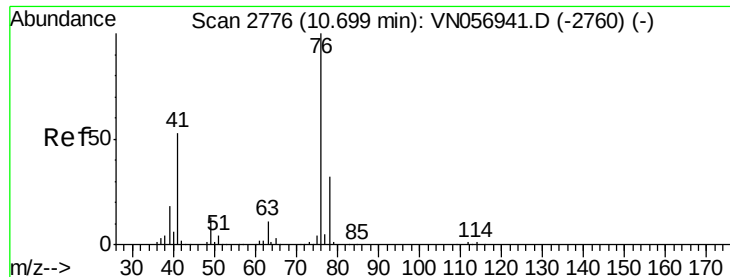
#56
 Ethyl methacrylate
 Concen: 47.734 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Tgt Ion:	69	Resp:	324343
Ion	Ratio	Lower	Upper
69	100		
41	61.3	49.2	73.8
39	28.7	23.1	34.7



Abundance Ion 69.00 (68.70 to 69.70): VN056941.D (-2675) (-)
 Ion 41.00 (40.70 to 41.70): VN056941.D (-2675) (-)
 Ion 39.00 (38.70 to 39.70): VN056941.D (-2675) (-)





#57

1,3-Dichloropropane

Concen: 49.722 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

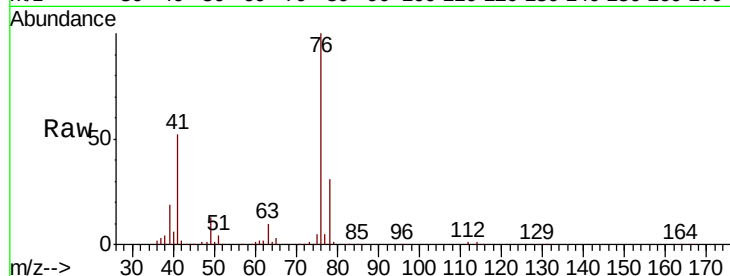
VSTDCCC050

Tgt Ion: 76 Resp: 371614

Ion Ratio Lower Upper

76 100

78 31.7 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN056941.D (-2760) (-)

Ion 77.90 (77.60 to 78.60): VN056941.D (-2760) (-)

10.70

250000

200000

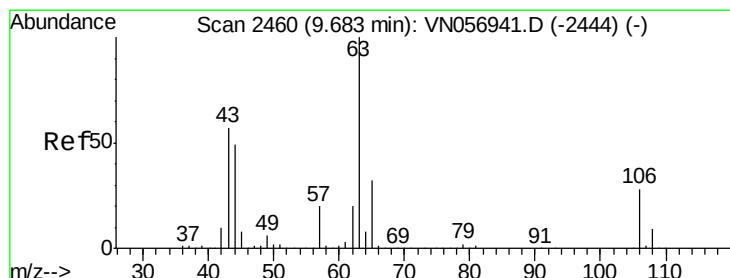
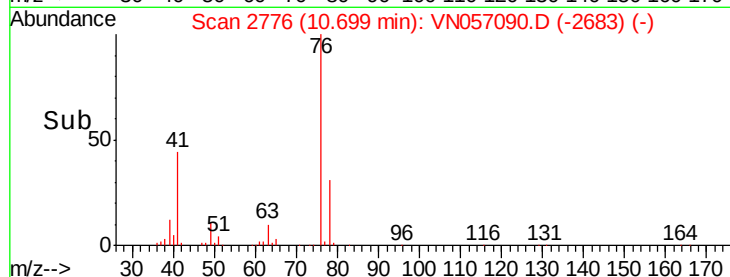
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 217.246 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN057090.D

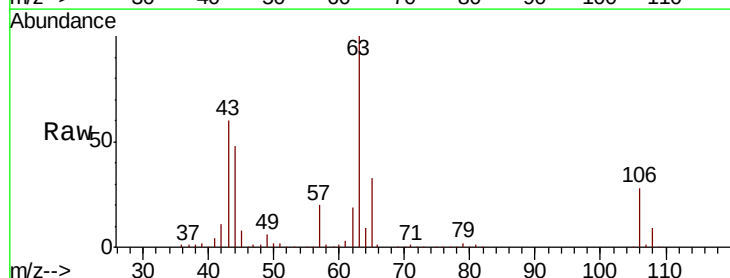
Acq: 6 Aug 2019 9:51

Tgt Ion: 63 Resp: 586755

Ion Ratio Lower Upper

63 100

106 28.5 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VN056941.D (-2444) (-)

Ion 105.90 (105.60 to 106.60): VN056941.D (-2444) (-)

9.69

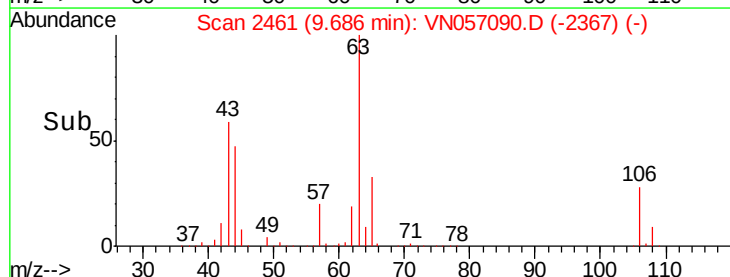
300000

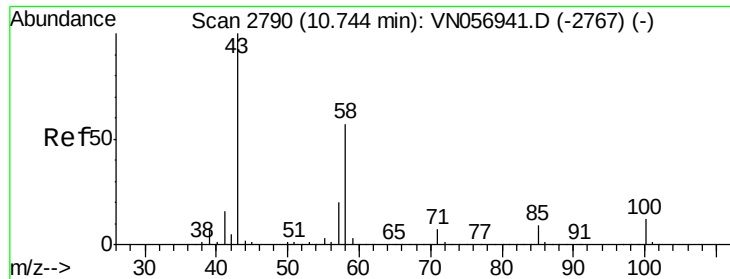
200000

100000

0

Time-->

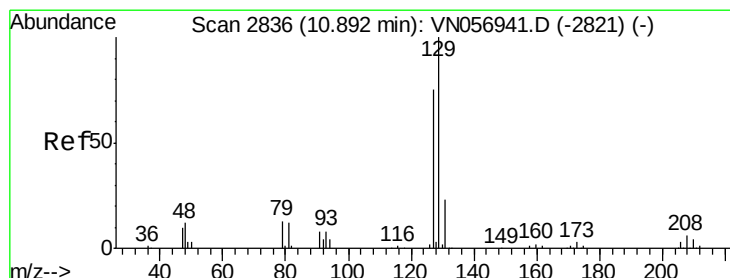
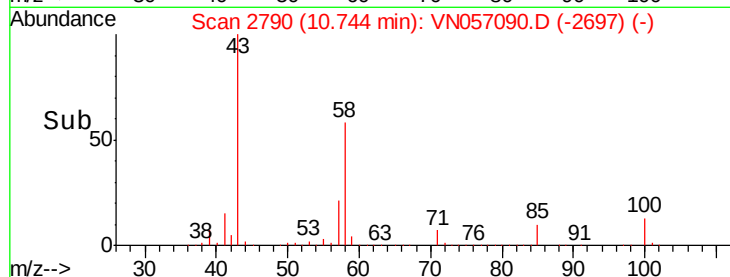
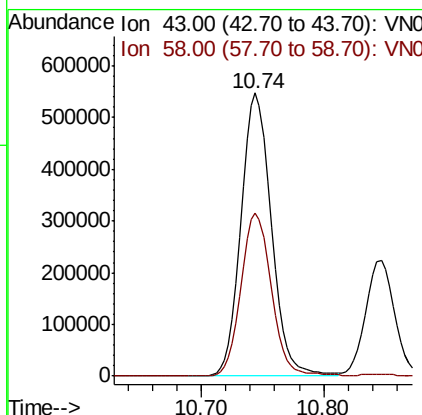
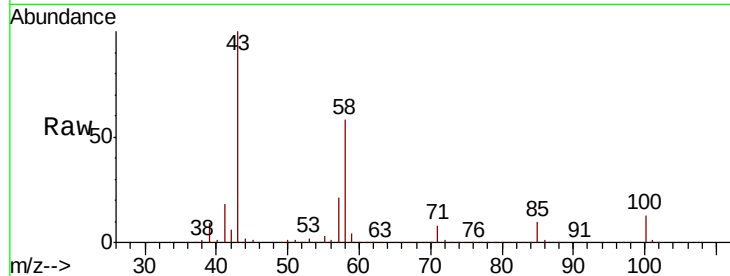




#59
2-Hexanone
Concen: 254.990 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

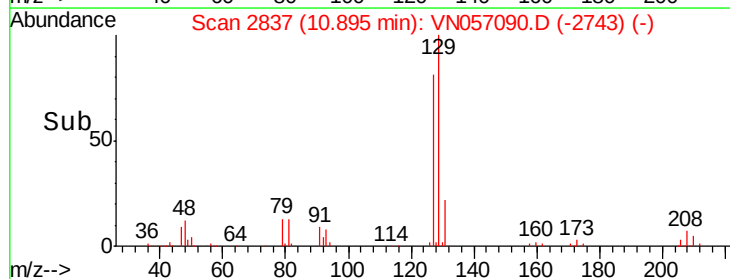
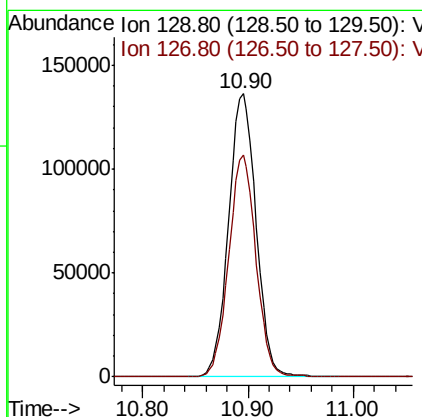
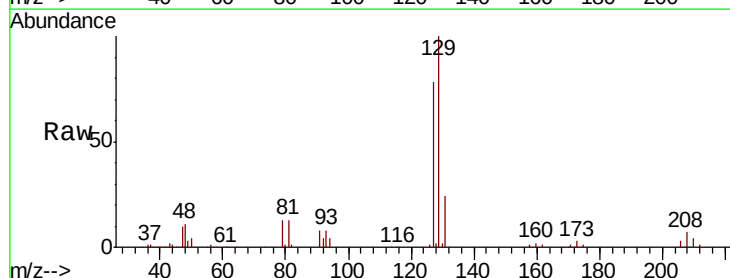
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

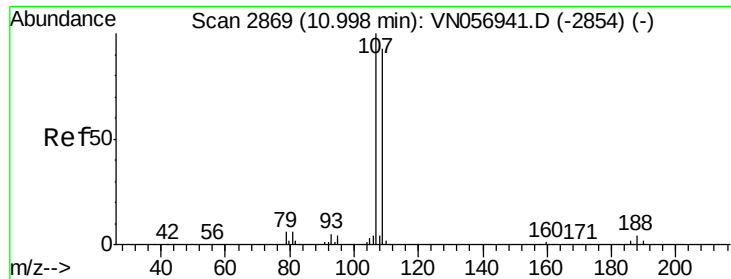
Tgt Ion: 43 Resp: 938203
Ion Ratio Lower Upper
43 100
58 57.9 28.5 85.5



#60
Dibromochloromethane
Concen: 53.311 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion: 129 Resp: 246166
Ion Ratio Lower Upper
129 100
127 77.3 38.0 113.9

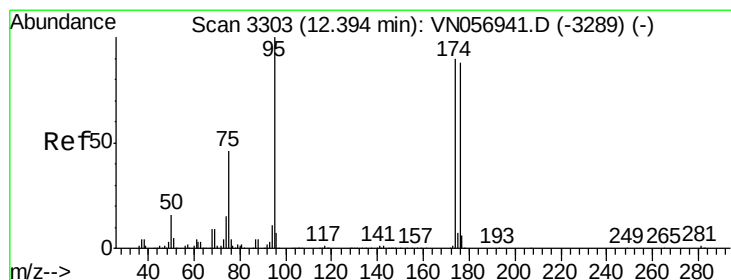
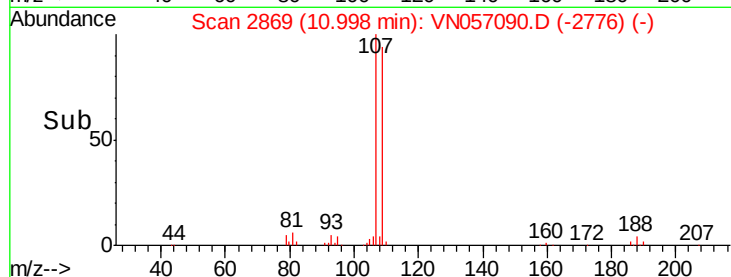
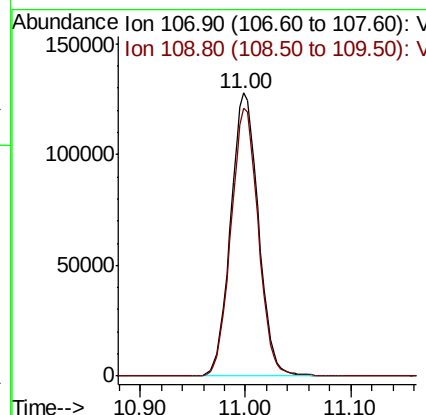
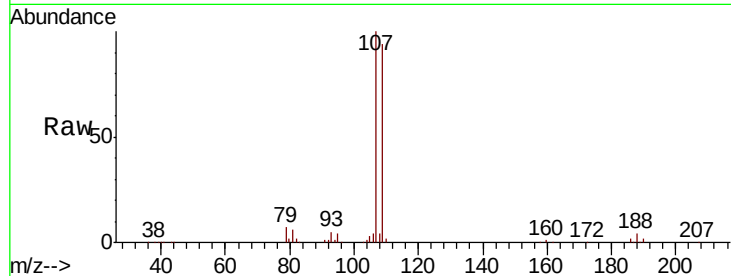




#61
 1,2-Dibromoethane
 Concen: 52.813 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

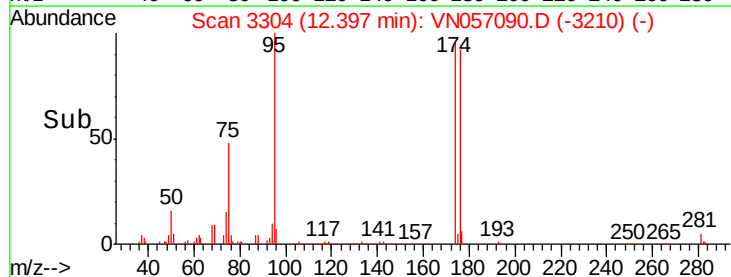
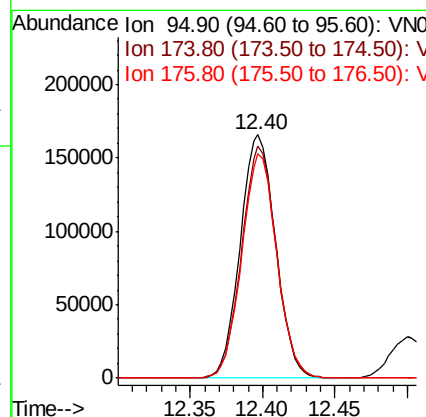
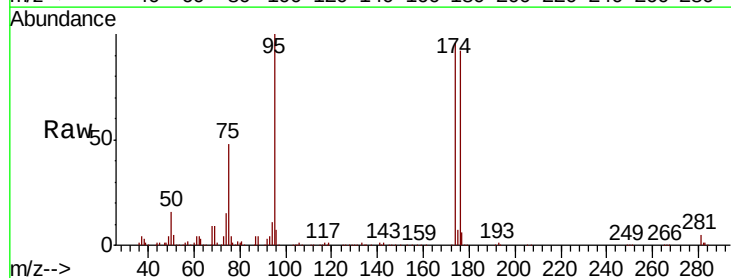
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

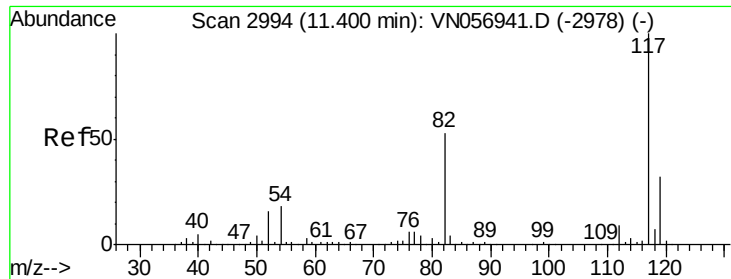
Tgt Ion: 107 Resp: 232292
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 51.177 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Tgt Ion: 95 Resp: 280720
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 182.2
 176 91.3 0.0 179.4

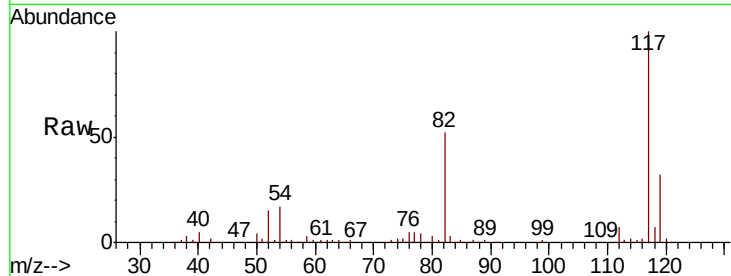




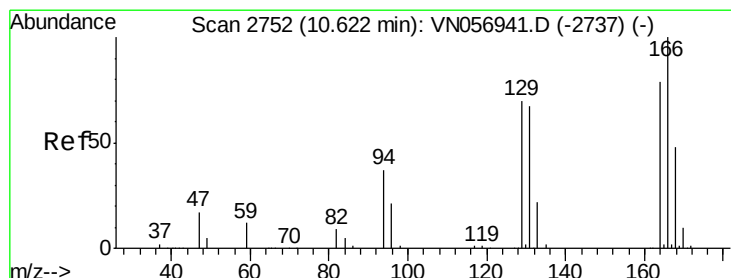
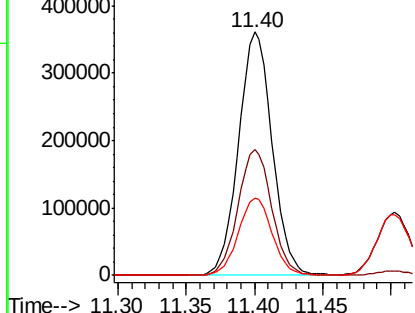
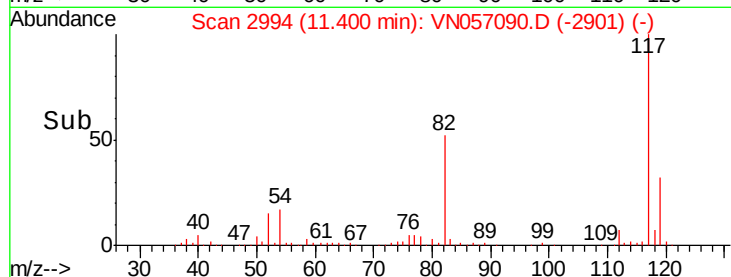
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 618682
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.4
119 32.0 25.8 38.6

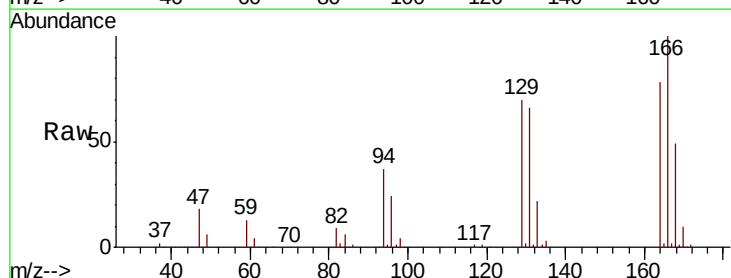


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

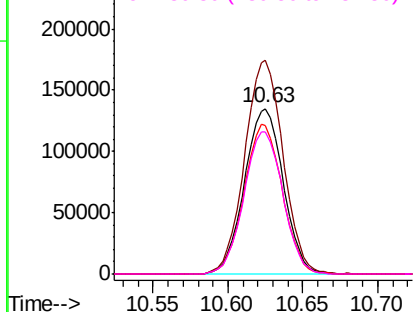
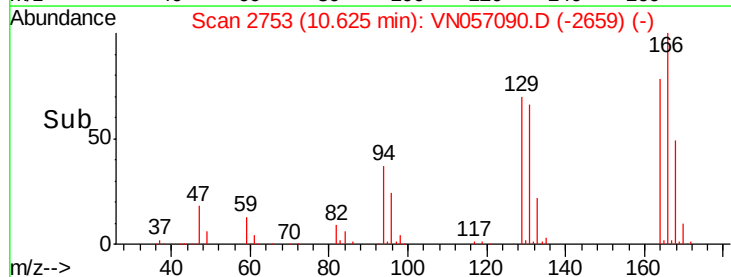


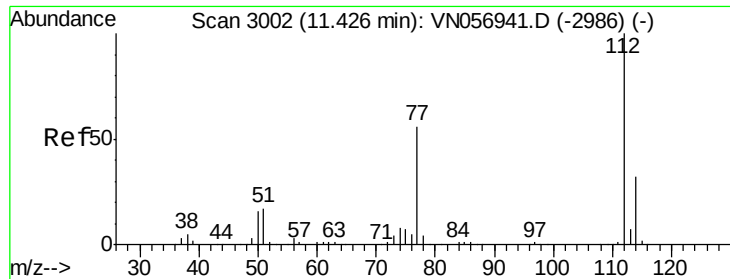
#64
Tetrachloroethene
Concen: 45.632 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion:164 Resp: 243283
Ion Ratio Lower Upper
164 100
166 129.0 101.1 151.7
129 89.8 70.9 106.3
131 85.5 67.7 101.5



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

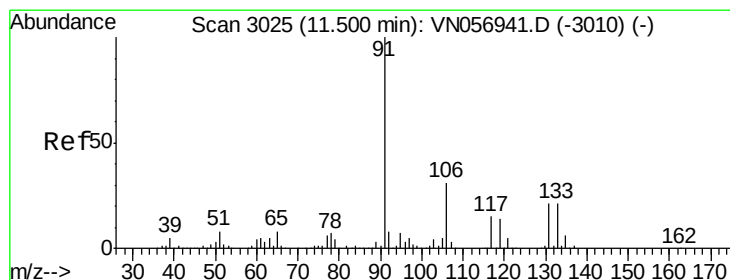
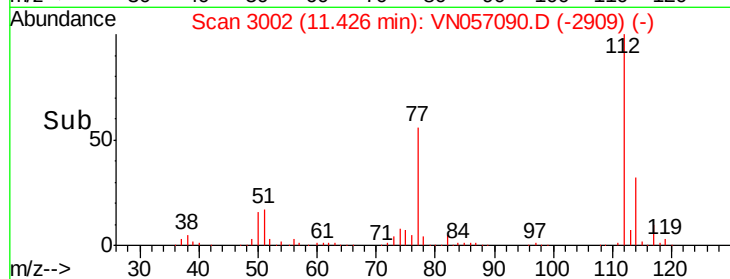
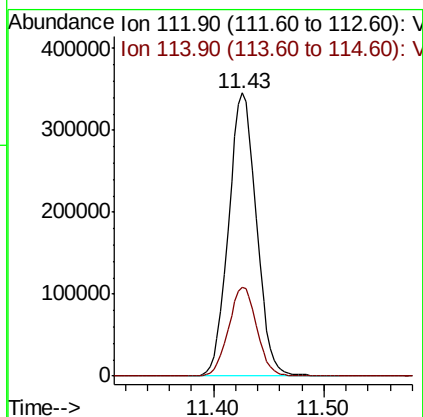
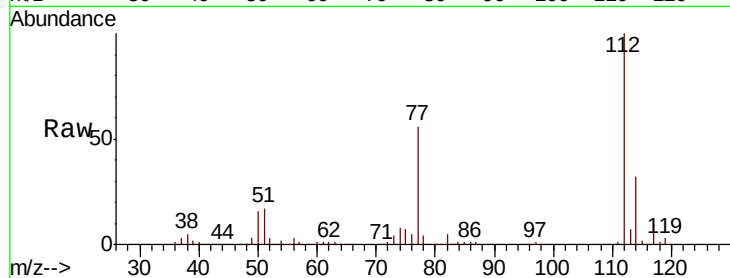




#65
Chlorobenzene
Concen: 47.971 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

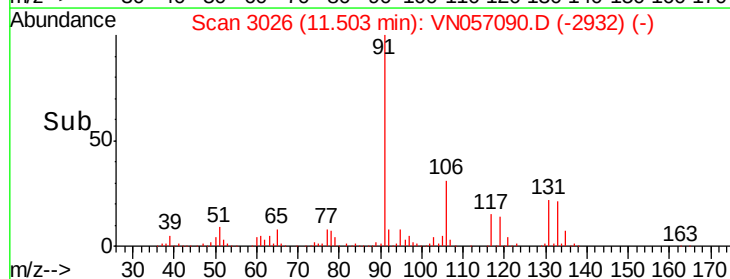
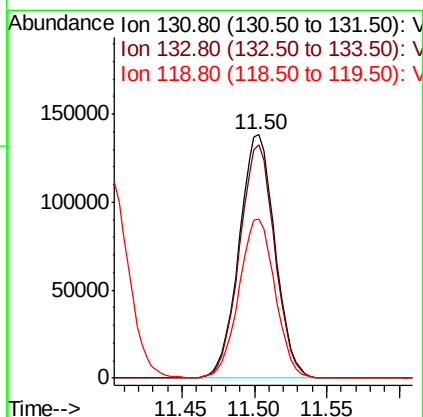
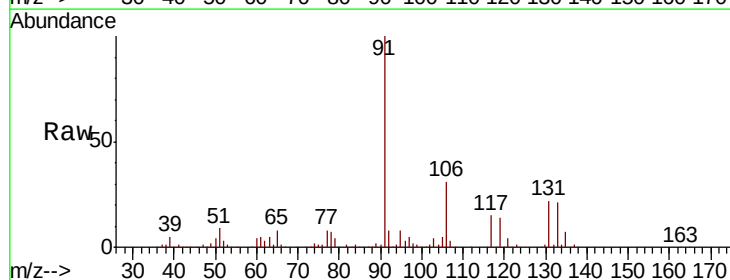
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

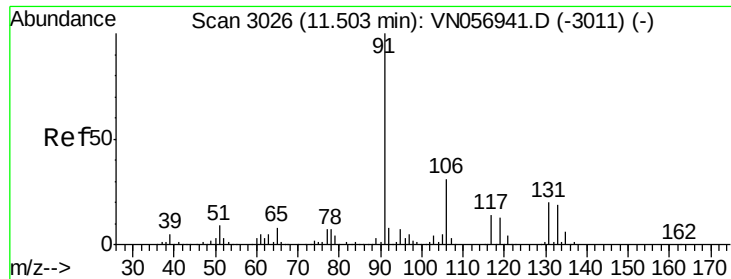
Tgt Ion:112 Resp: 604898
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.221 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion:131 Resp: 238349
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.0
119 65.7 33.2 99.6

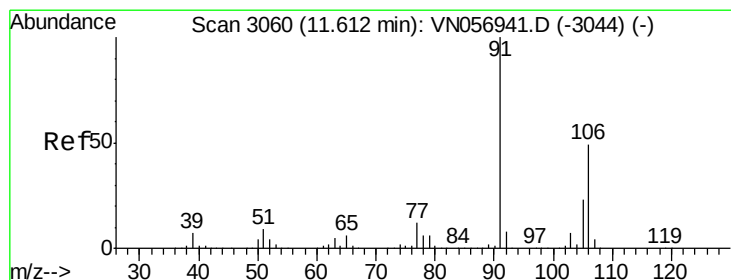
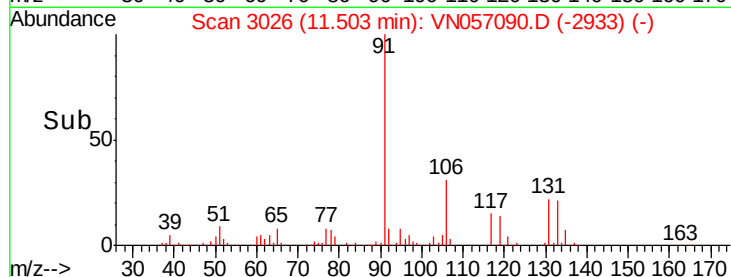
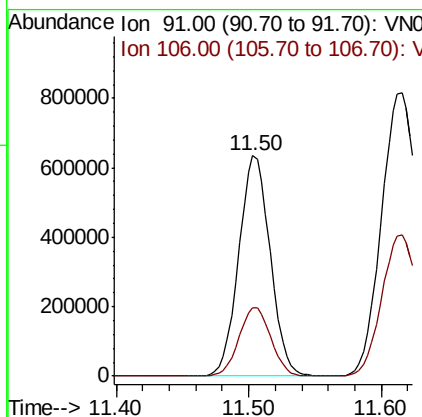
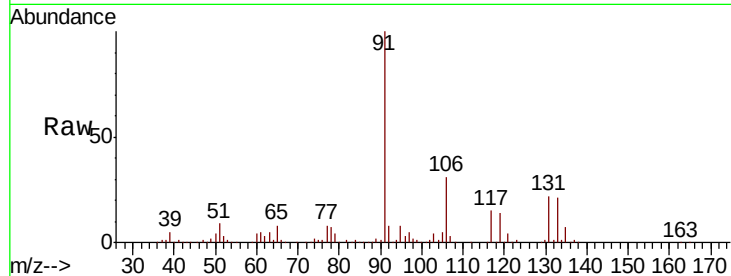




#67
Ethyl Benzene
Concen: 48.022 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

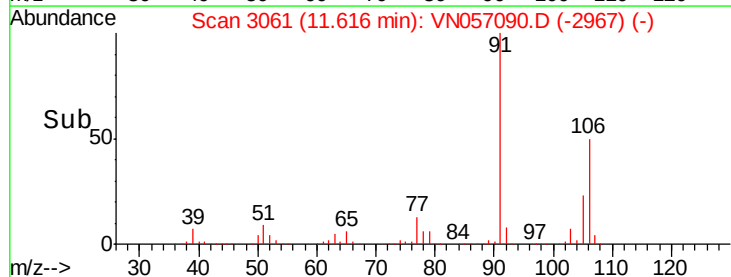
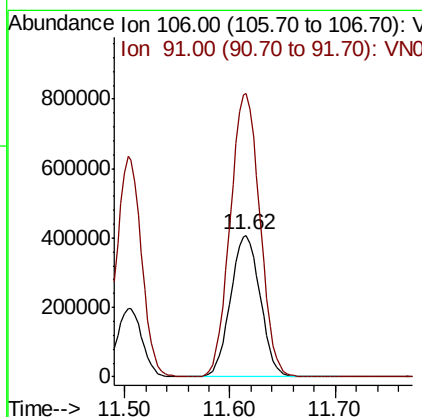
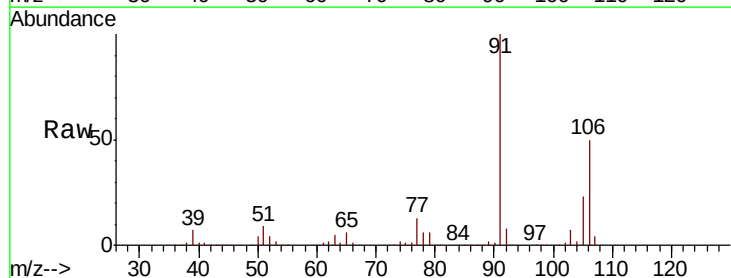
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

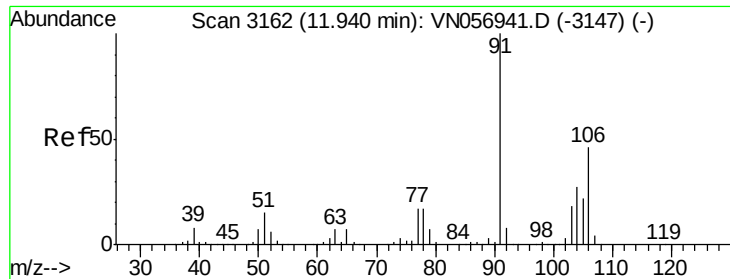
Tgt Ion: 91 Resp: 1046557
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 98.558 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion: 106 Resp: 792700
Ion Ratio Lower Upper
106 100
91 200.3 160.0 240.0

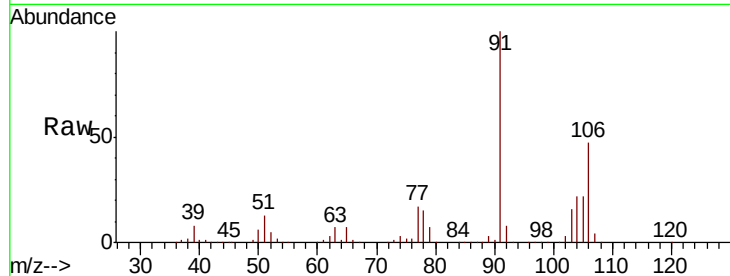




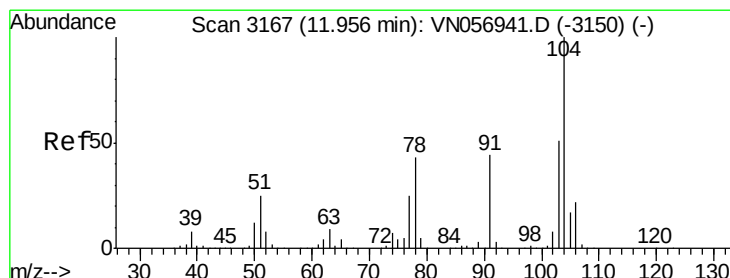
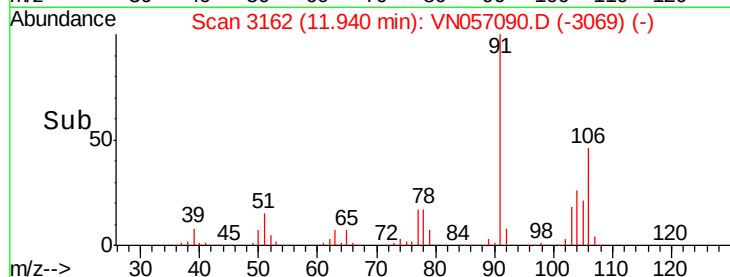
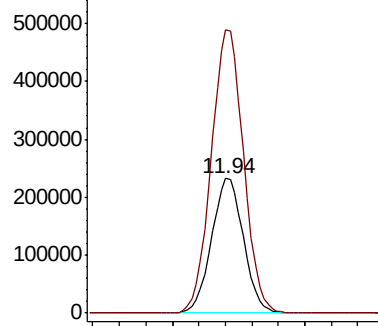
#69
o-Xylene
Concen: 49.473 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 389288
Ion Ratio Lower Upper
106 100
91 211.3 106.2 318.6

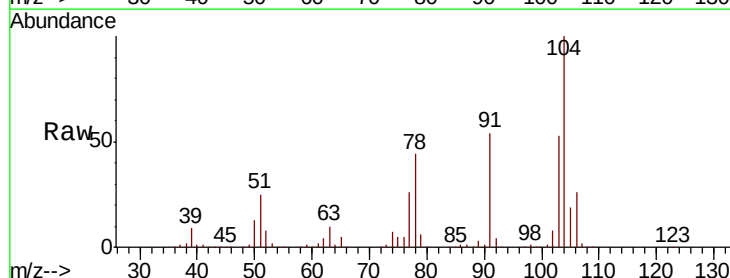


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

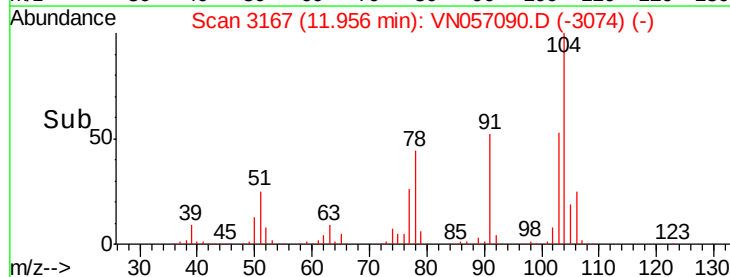
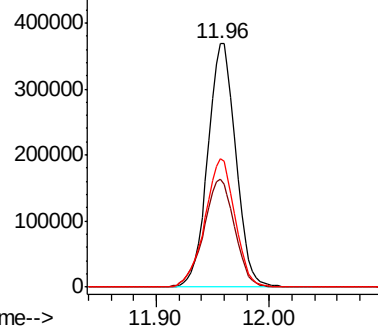


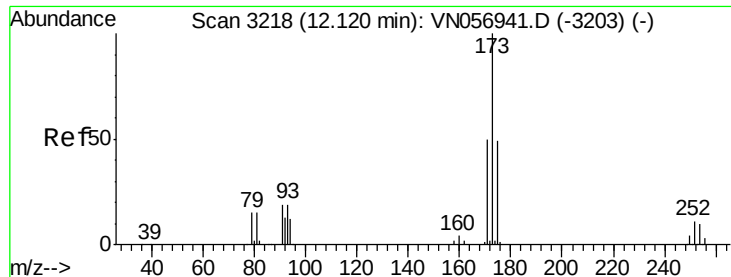
#70
Styrene
Concen: 45.931 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion:104 Resp: 636621
Ion Ratio Lower Upper
104 100
78 48.8 38.1 57.1
103 56.4 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.786 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

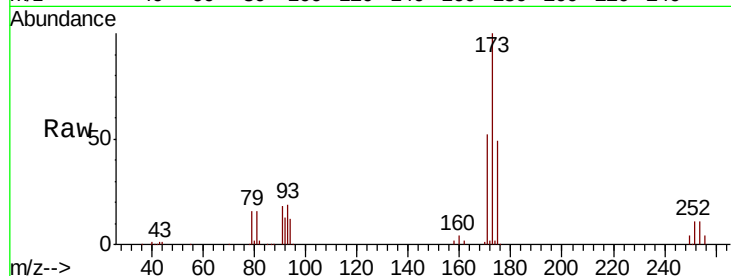
Tgt Ion:173 Resp: 181537

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

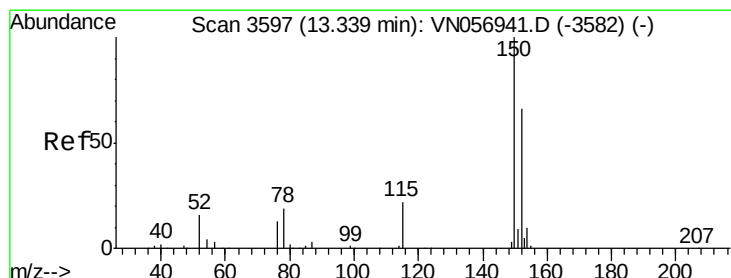
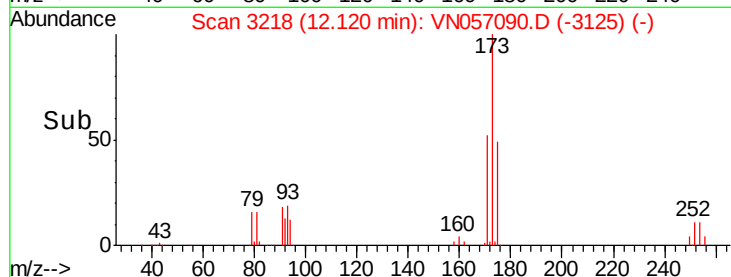
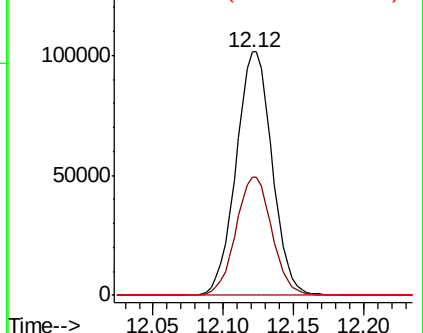
254 0.0 0.1 0.1#



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: VN057090.D

Acq: 6 Aug 2019 9:51

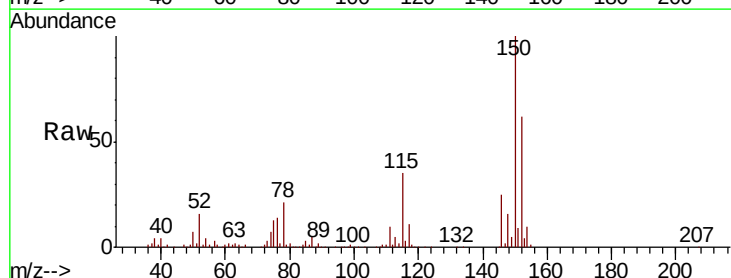
Tgt Ion:152 Resp: 259726

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.6

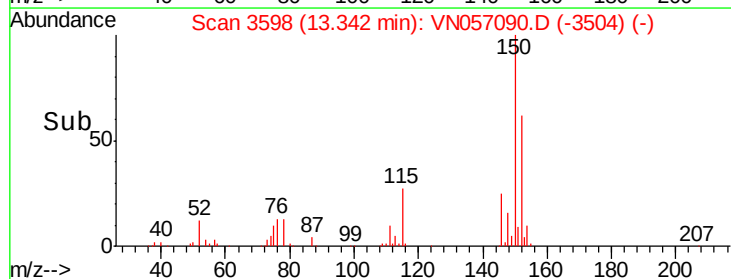
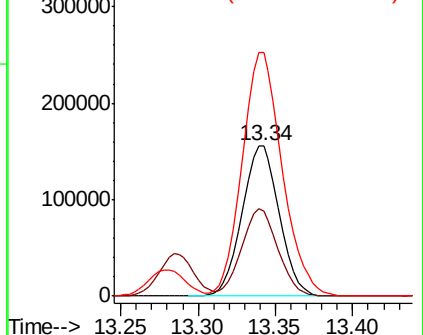
150 174.9 0.0 349.4

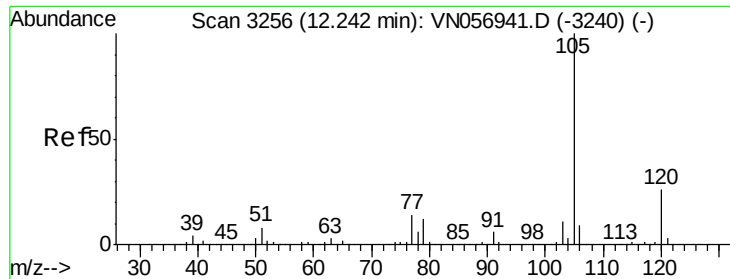


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.691 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

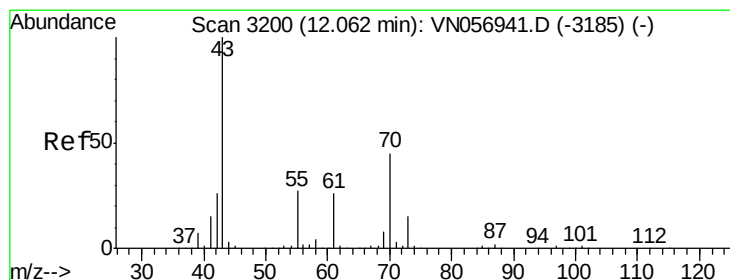
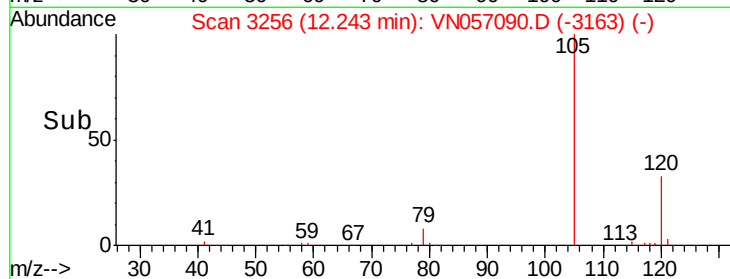
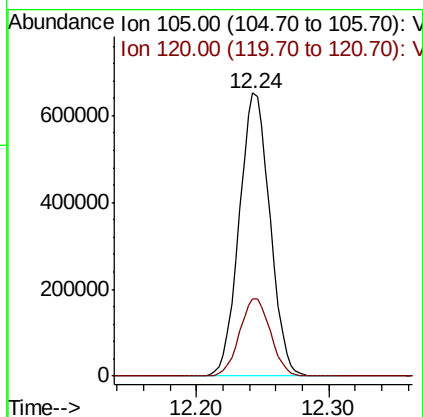
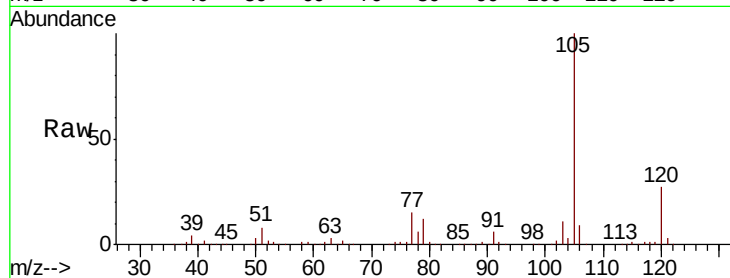
VSTDCCC050

Tgt Ion:105 Resp: 1048056

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



#74

N-ethyl acetate

Concen: 51.271 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Tgt Ion: 43 Resp: 334169

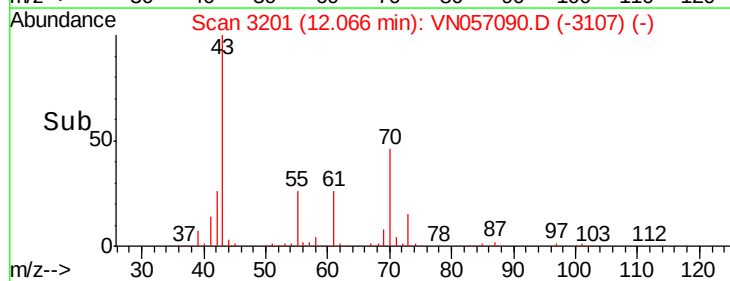
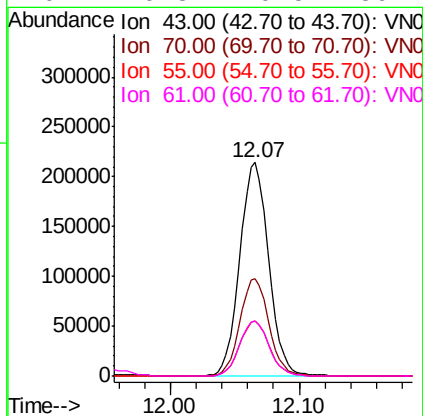
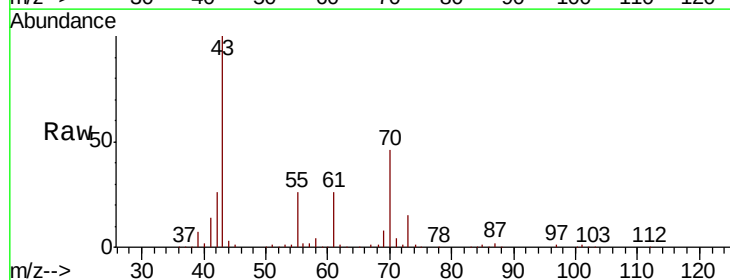
Ion Ratio Lower Upper

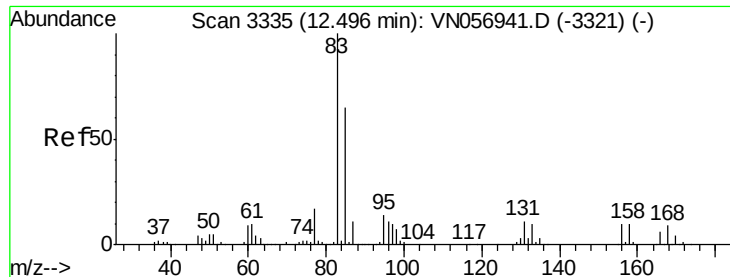
43 100

70 45.7 36.5 54.7

55 26.5 21.4 32.0

61 26.3 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 54.078 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

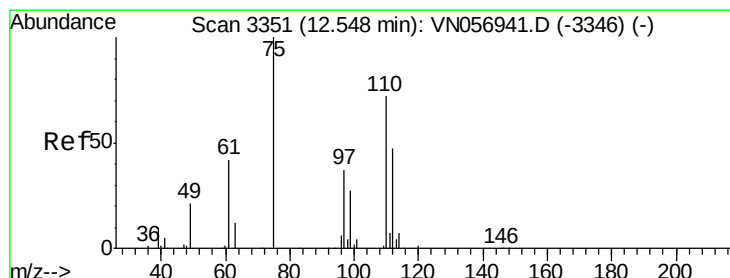
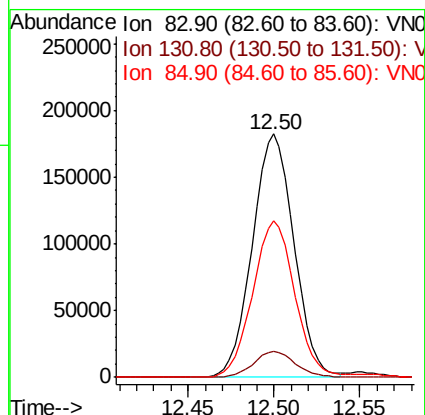
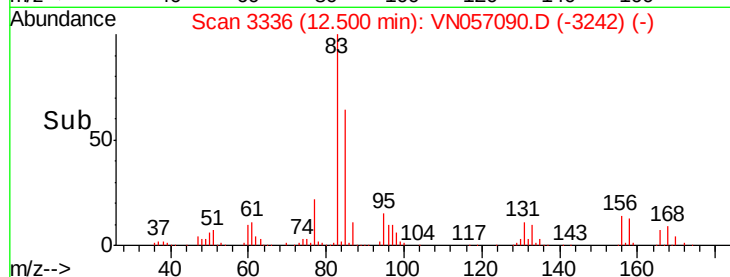
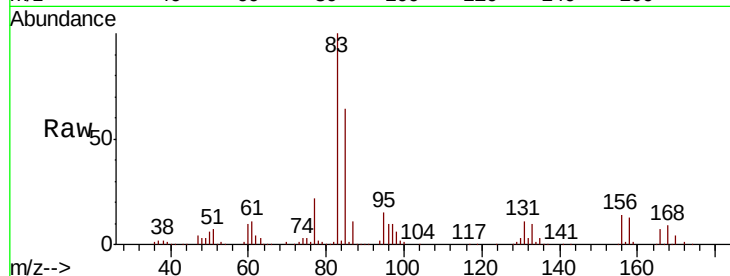
Tgt Ion: 83 Resp: 305635

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

85 66.0 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 70.519 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN057090.D

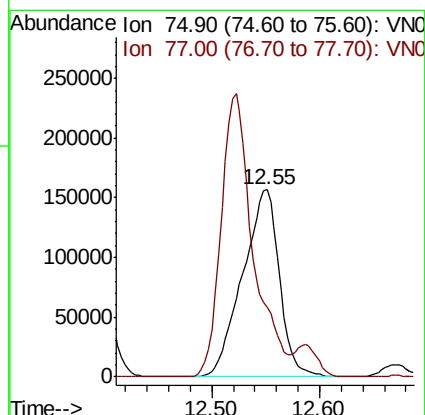
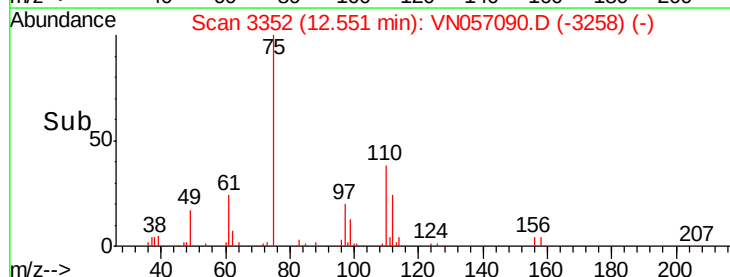
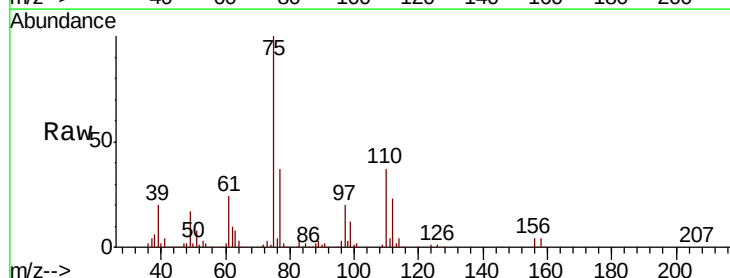
Acq: 6 Aug 2019 9:51

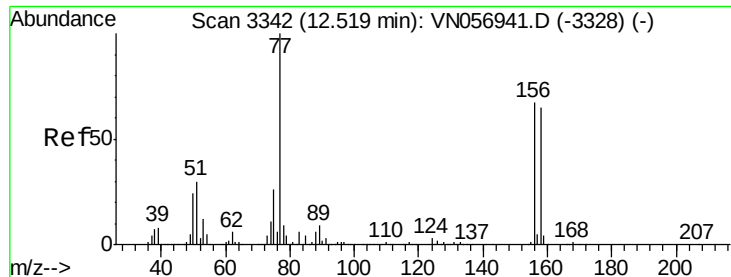
Tgt Ion: 75 Resp: 371962

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.175 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

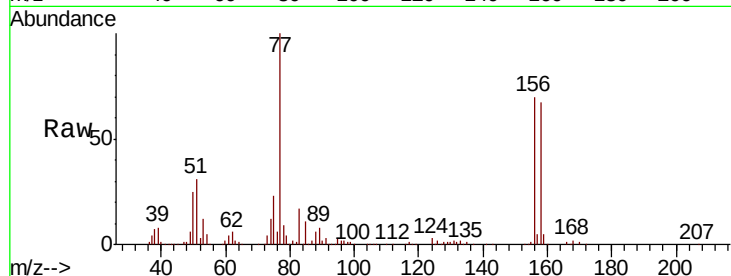
Tgt Ion:156 Resp: 276373

Ion Ratio Lower Upper

156 100

77 176.6 89.5 268.5

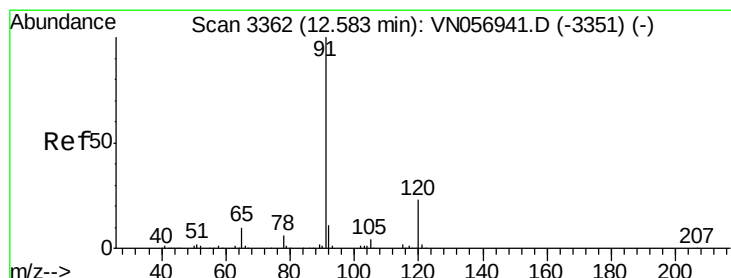
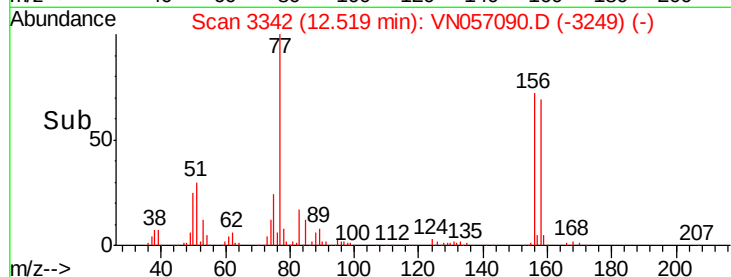
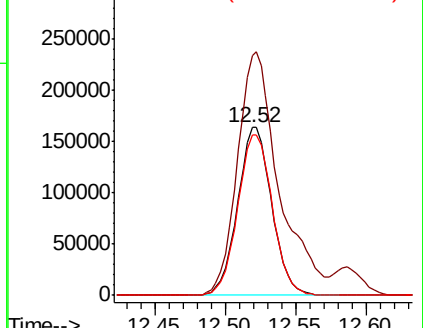
158 97.3 48.4 145.3



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: 47.661 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN057090.D

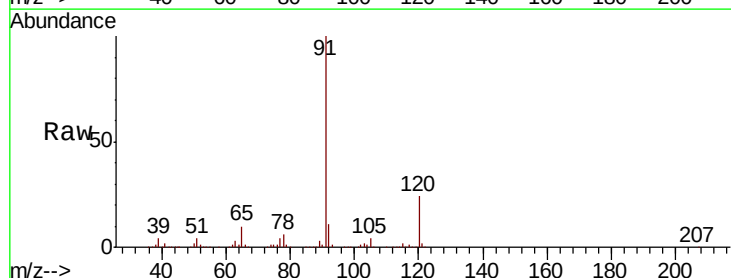
Acq: 6 Aug 2019 9:51

Tgt Ion: 91 Resp: 1142304

Ion Ratio Lower Upper

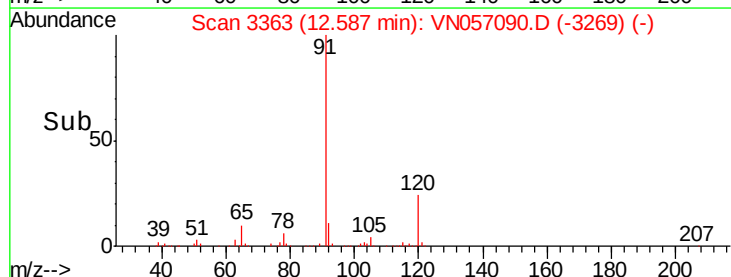
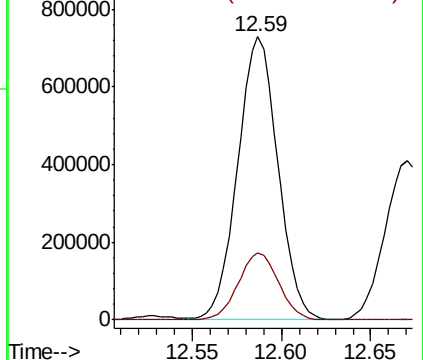
91 100

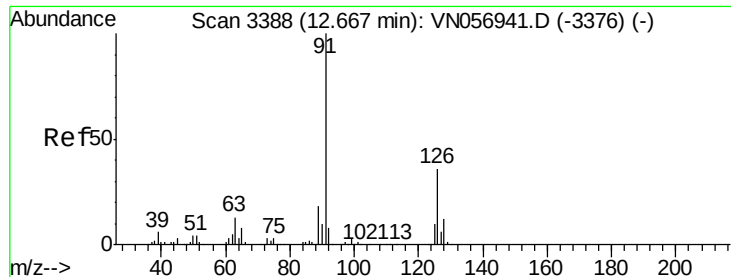
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

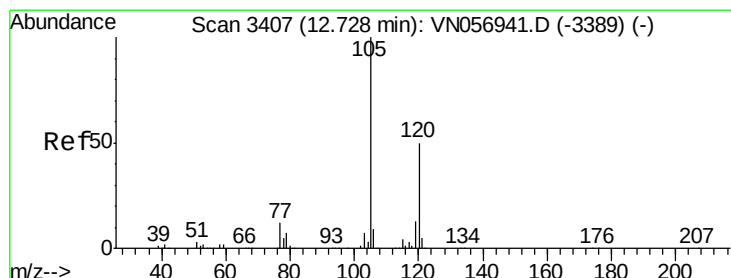
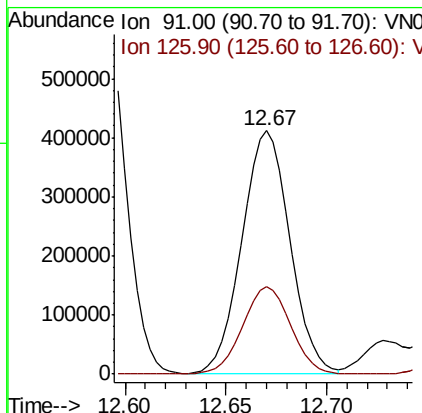
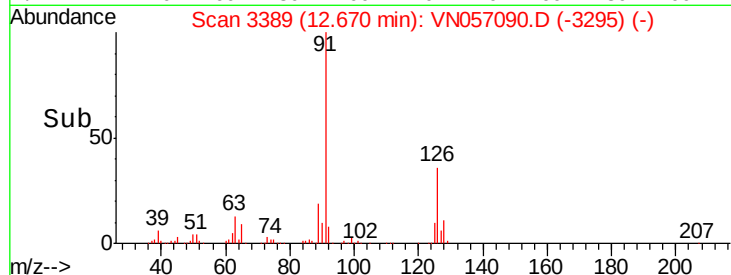
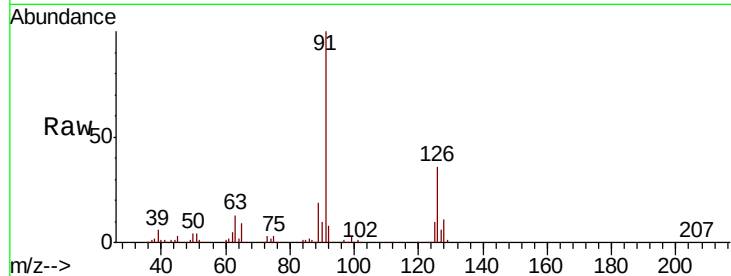




#79
 2-Chlorotoluene
 Concen: 46.422 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

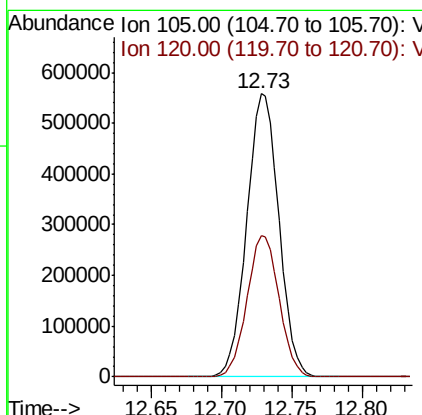
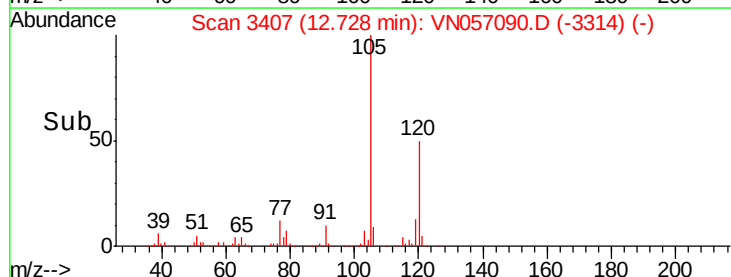
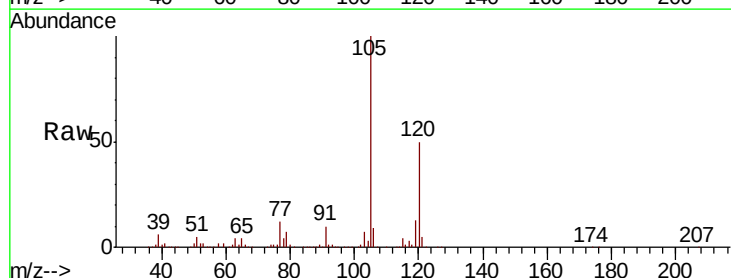
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

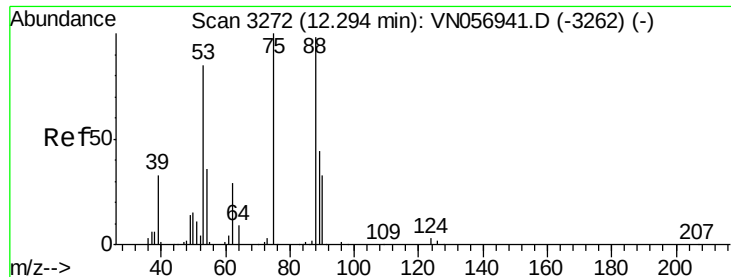
Tgt Ion: 91 Resp: 685097
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 48.243 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Tgt Ion: 105 Resp: 888761
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.8 74.3

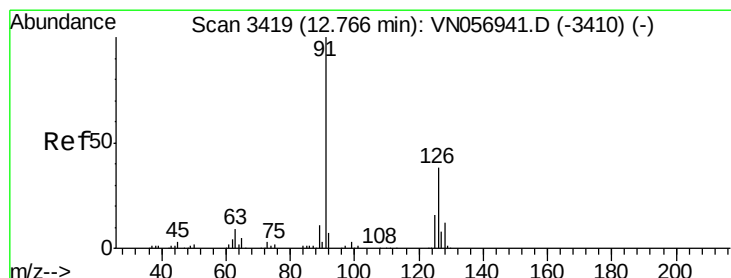
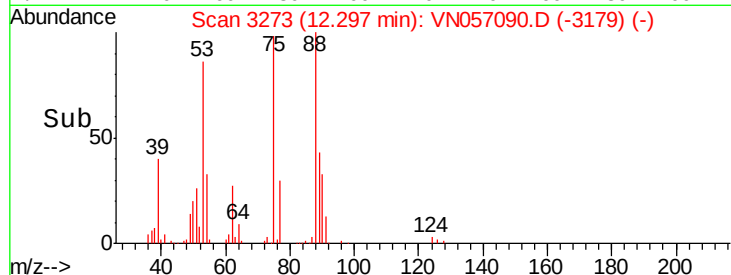
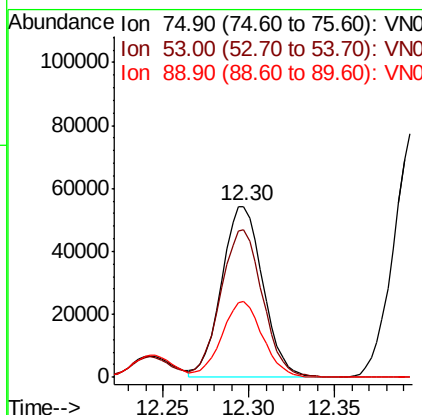
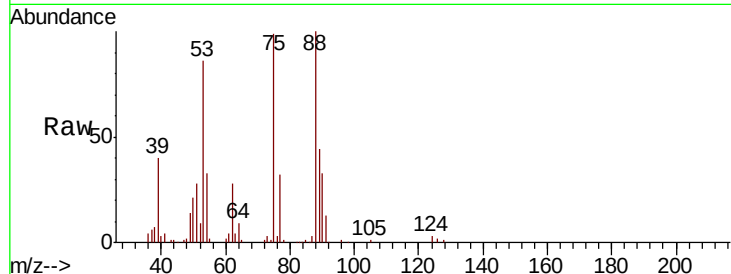




#81
trans-1,4-Dichloro-2-butene
Concen: 55.433 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

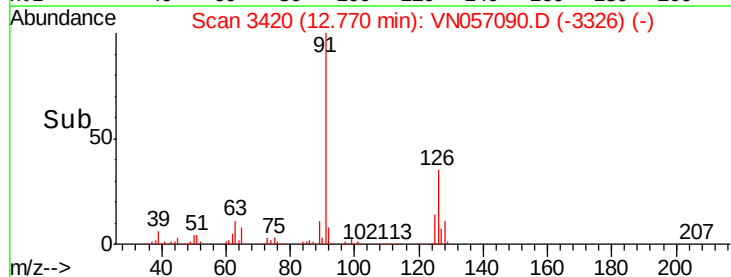
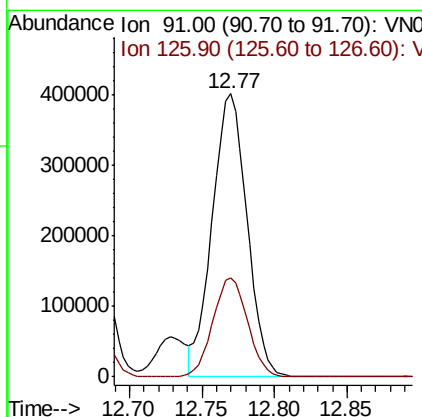
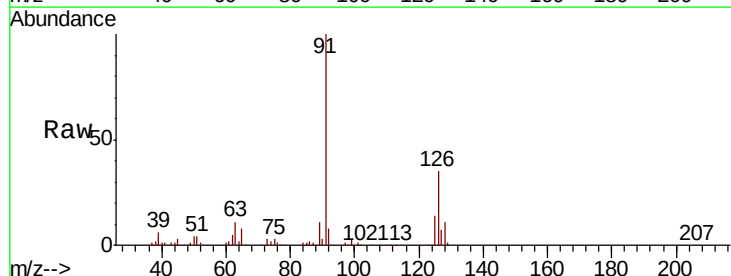
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

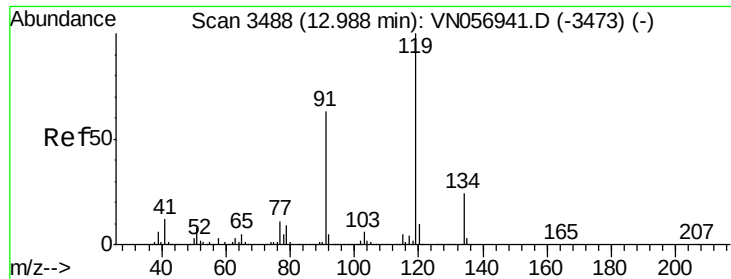
Tgt Ion: 75 Resp: 91002
Ion Ratio Lower Upper
75 100
53 87.7 69.3 103.9
89 43.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 48.326 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion: 91 Resp: 667427
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5

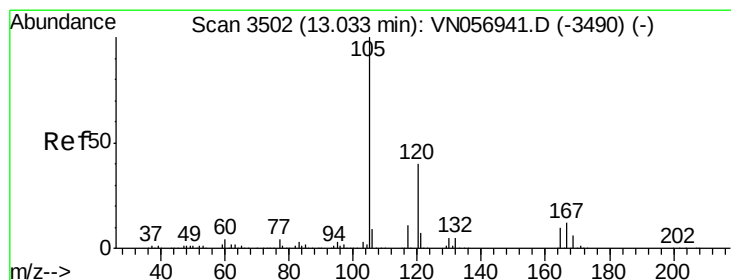
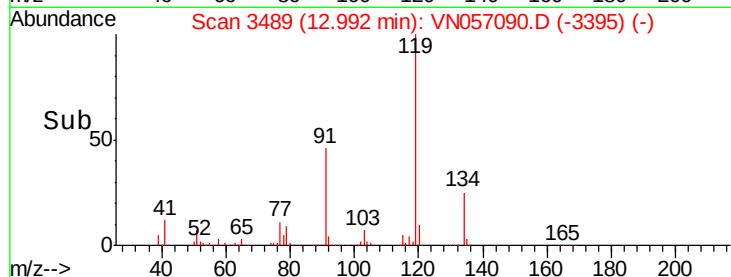
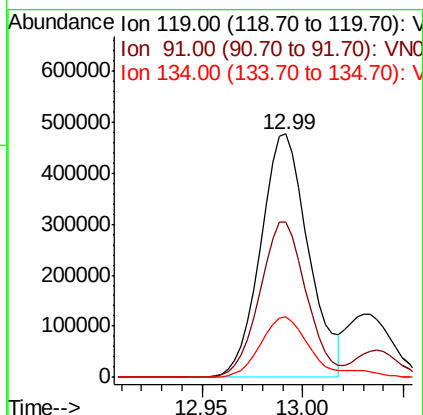
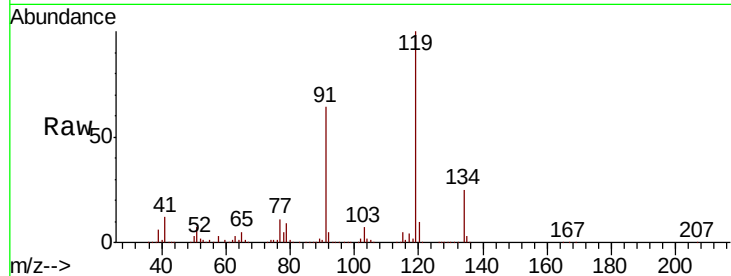




#83
 tert-Butylbenzene
 Concen: 48.374 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

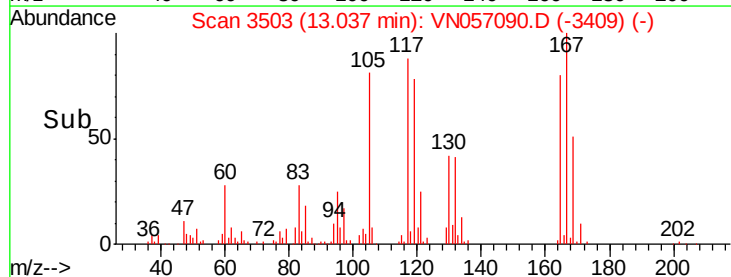
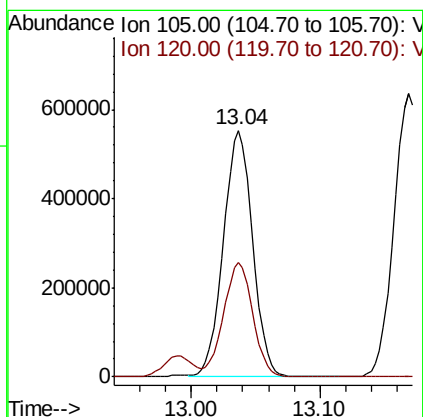
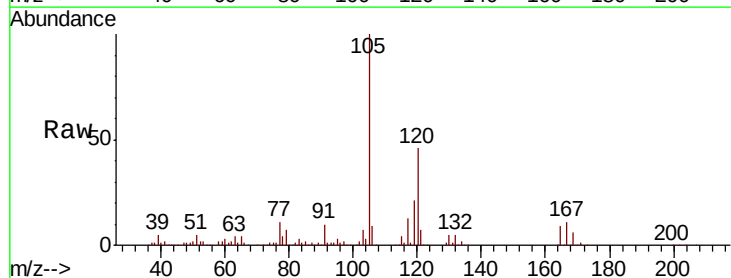
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

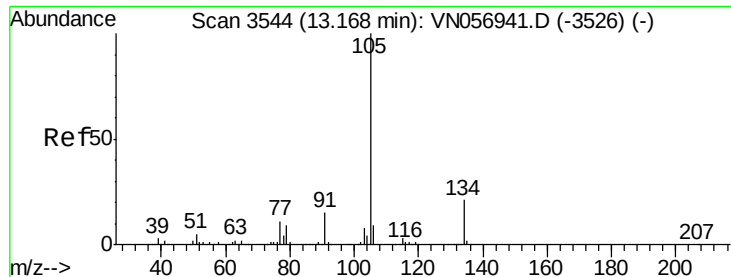
Tgt Ion:119 Resp: 788907
 Ion Ratio Lower Upper
 119 100
 91 61.9 31.3 93.8
 134 24.5 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 48.891 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Tgt Ion:105 Resp: 866664
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 47.960 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

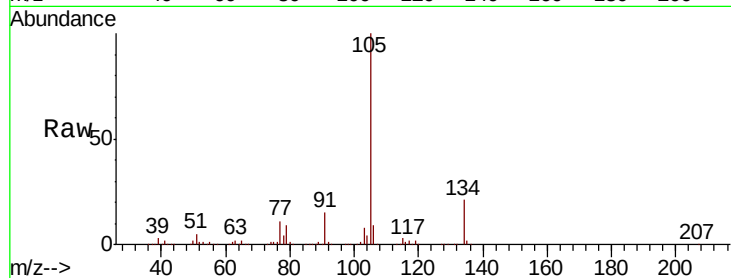
VSTDCCC050

Tgt Ion:105 Resp: 1008883

Ion Ratio Lower Upper

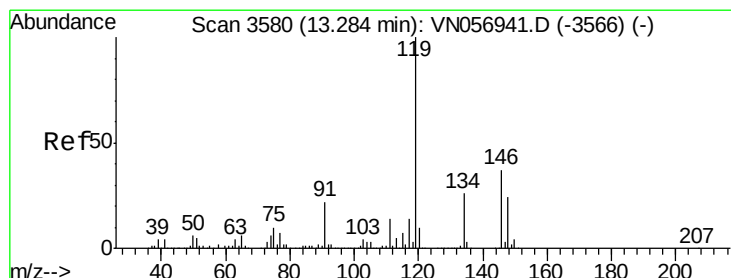
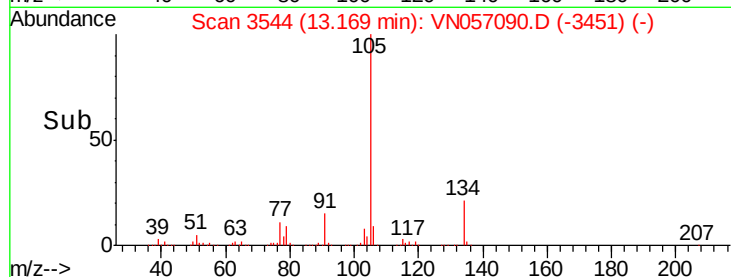
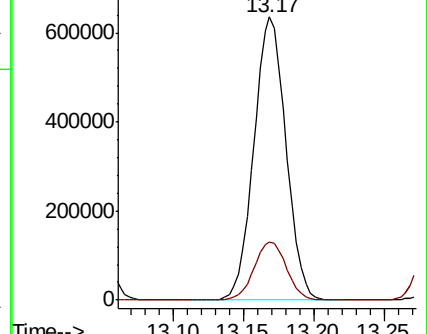
105 100

134 20.8 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.785 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

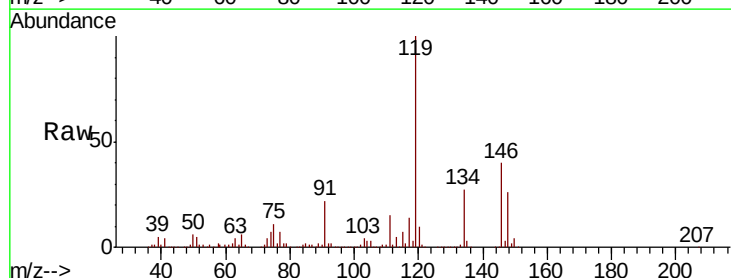
Tgt Ion:119 Resp: 911130

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

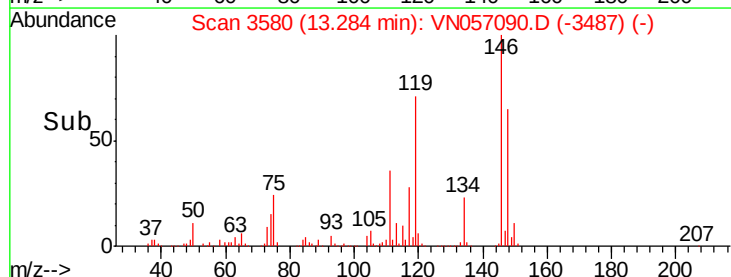
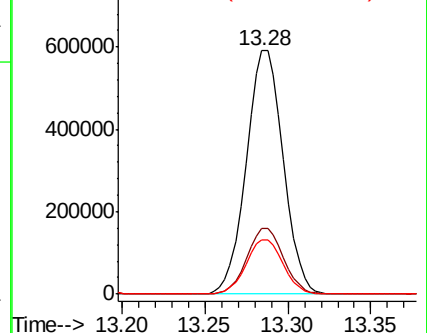
91 22.3 11.0 33.0

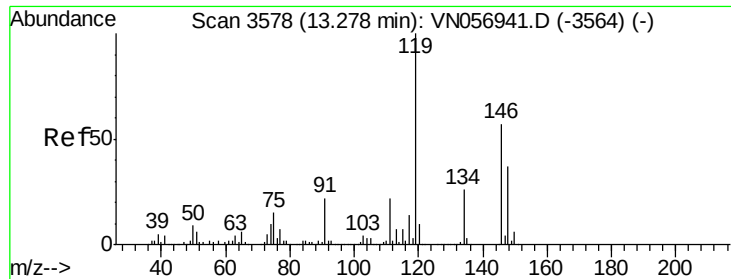


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

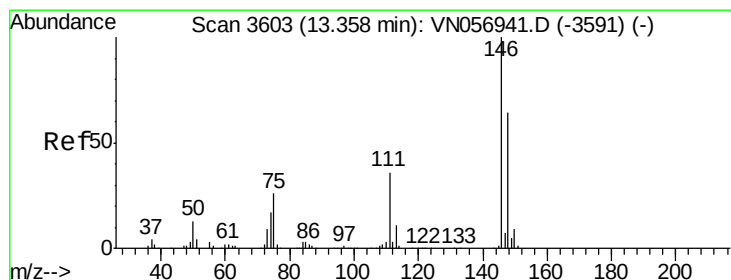
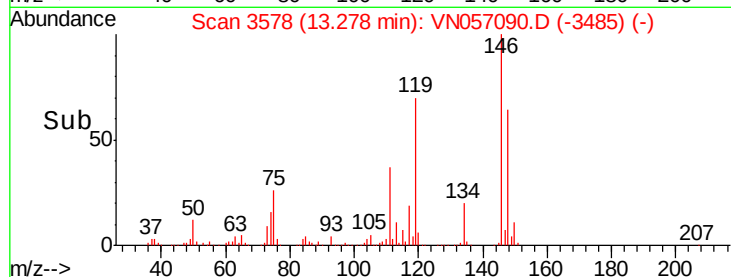
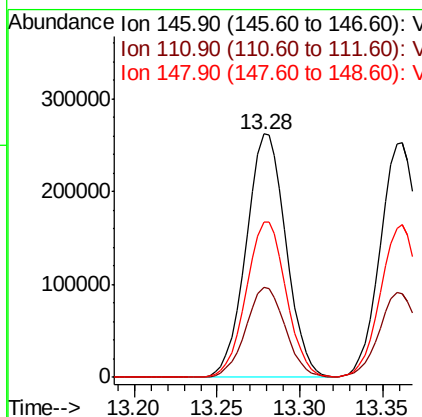
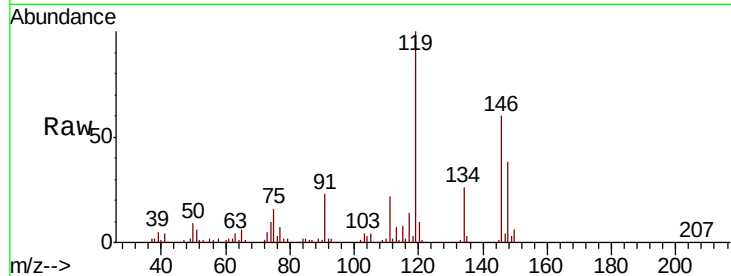




#87
 1,3-Dichlorobenzene
 Concen: 49.298 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

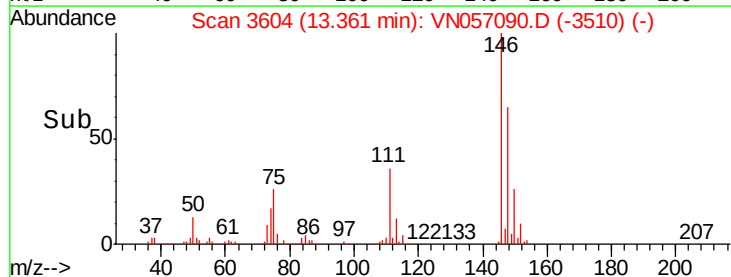
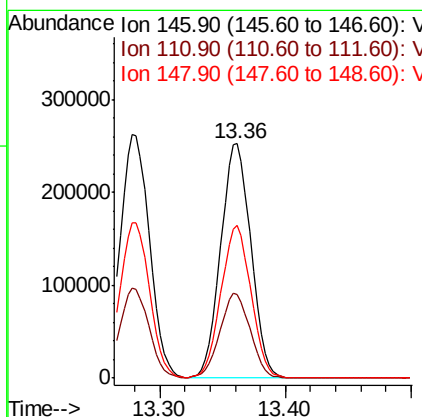
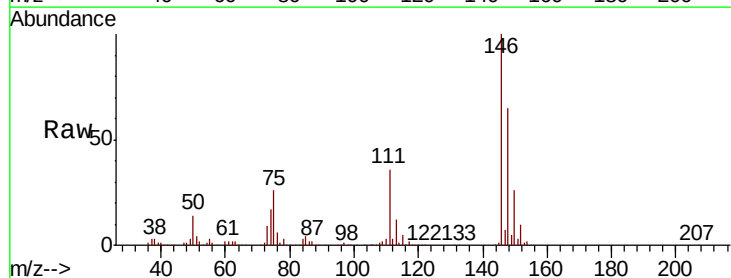
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

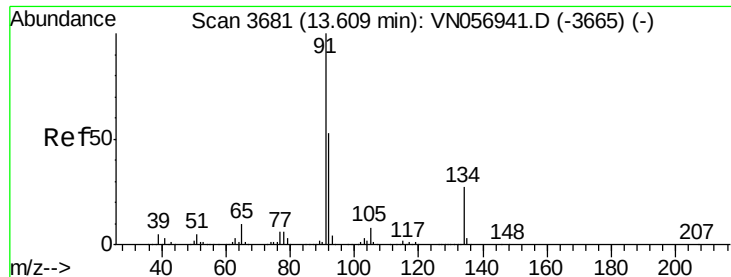
Tgt Ion:146 Resp: 439316
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.6 55.8
 148 63.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.102 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Tgt Ion:146 Resp: 421239
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.4 55.2
 148 64.5 32.3 96.9

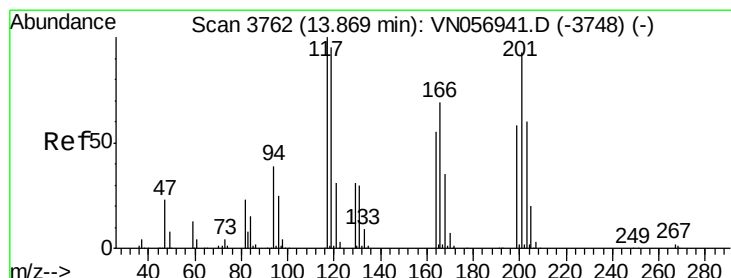
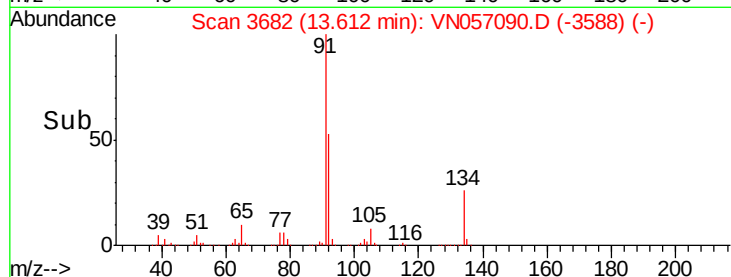
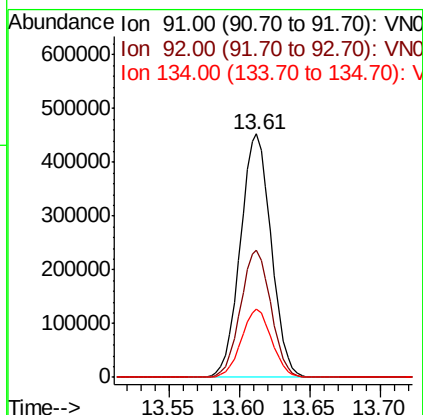
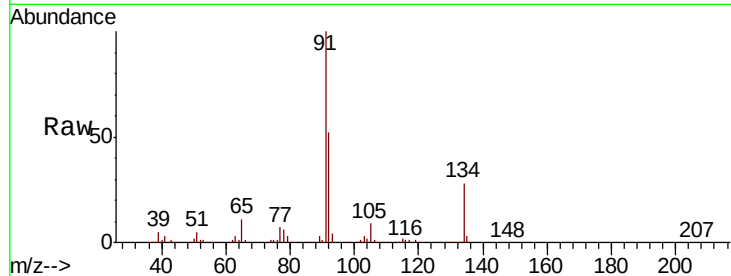




#89
n-Butylbenzene
Concen: 48.088 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

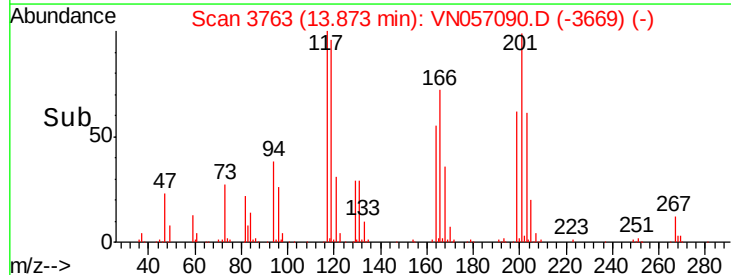
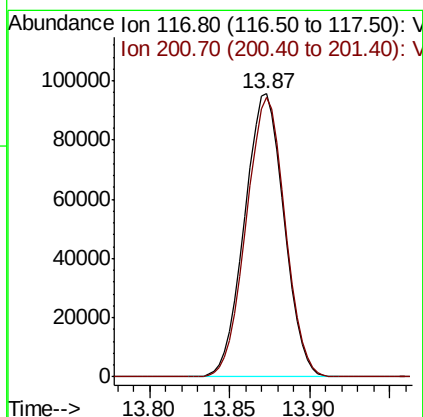
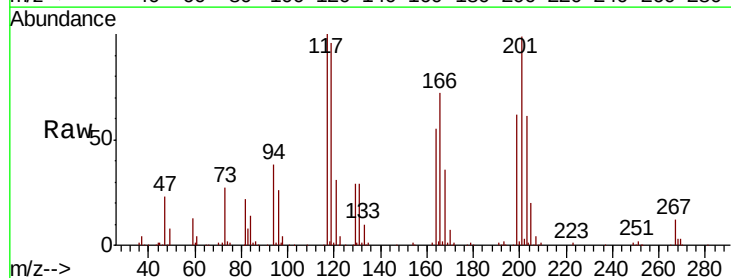
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

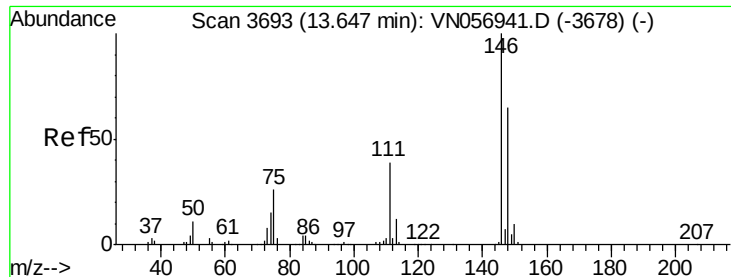
Tgt Ion: 91 Resp: 692164
Ion Ratio Lower Upper
91 100
92 51.6 26.2 78.5
134 27.6 13.5 40.4



#90
Hexachloroethane
Concen: 50.237 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion: 117 Resp: 161556
Ion Ratio Lower Upper
117 100
201 97.0 47.0 141.2





#91

1,2-Dichlorobenzene

Concen: 49.800 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

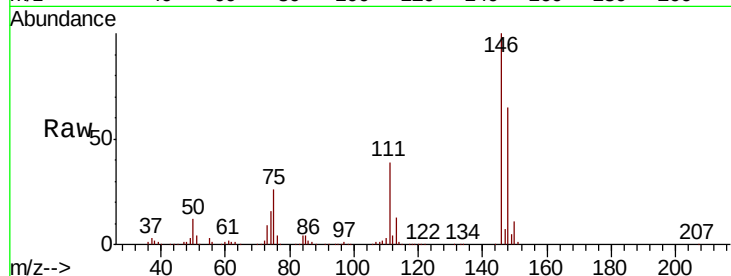
Tgt Ion:146 Resp: 436778

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.4

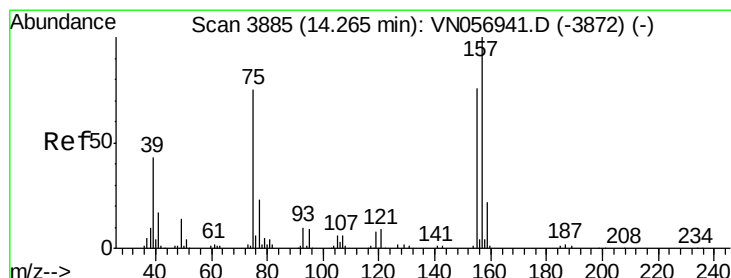
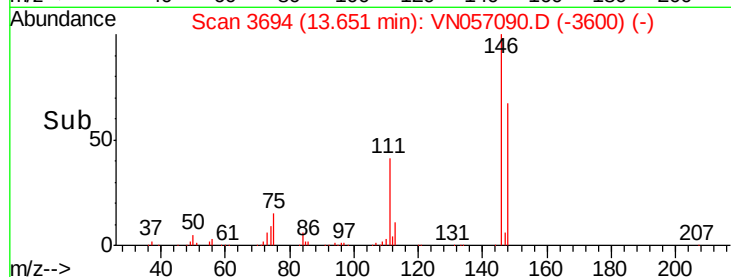
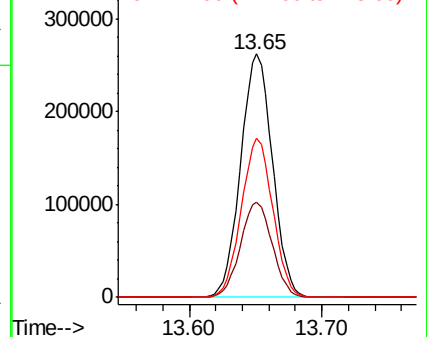
148 64.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.268 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN057090.D

Acq: 6 Aug 2019 9:51

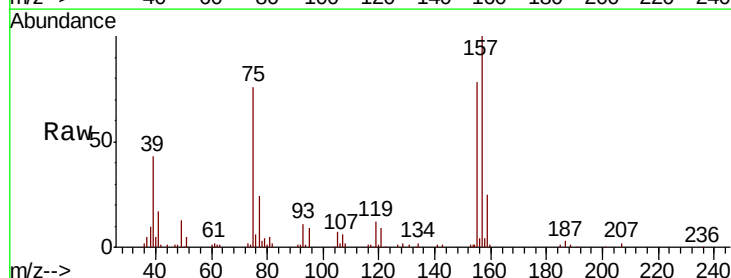
Tgt Ion: 75 Resp: 48449

Ion Ratio Lower Upper

75 100

155 100.8 50.2 150.6

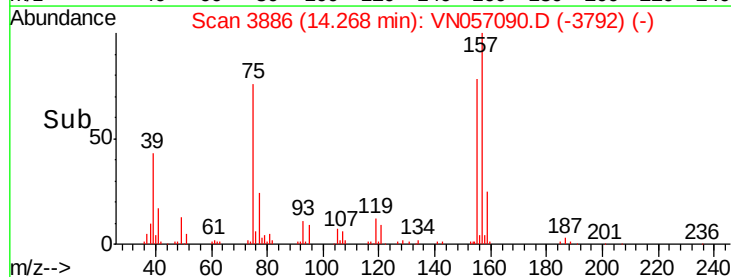
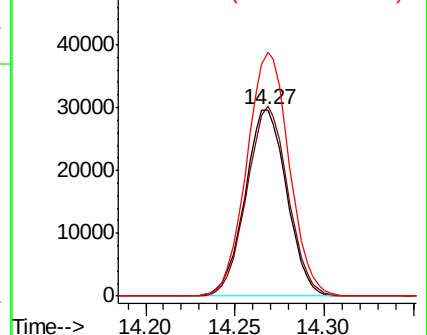
157 133.2 65.1 195.4

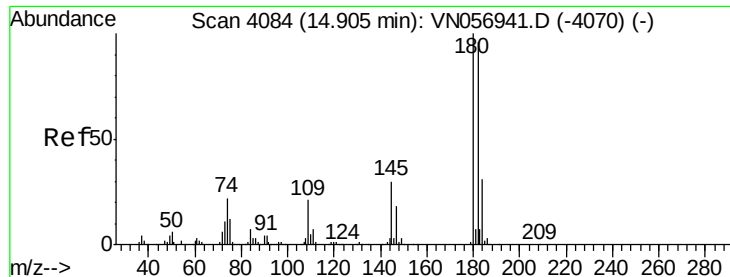


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

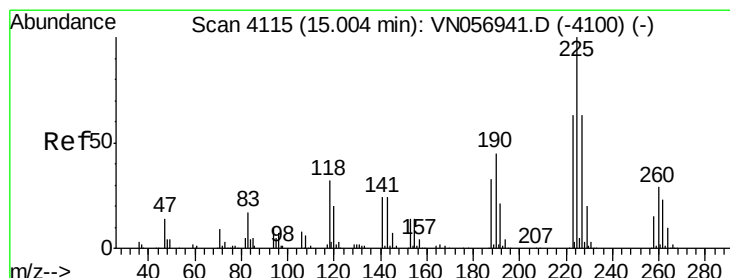
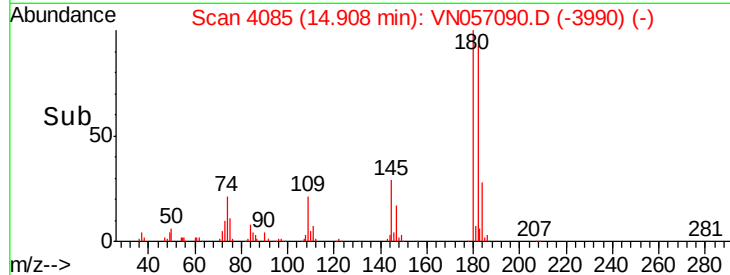
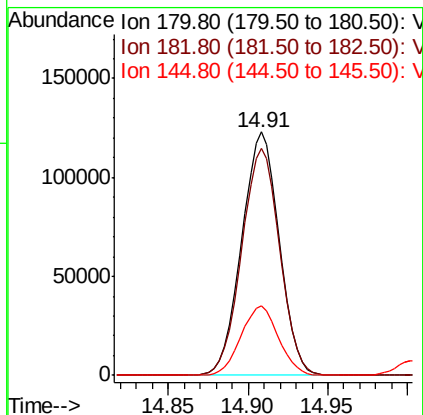
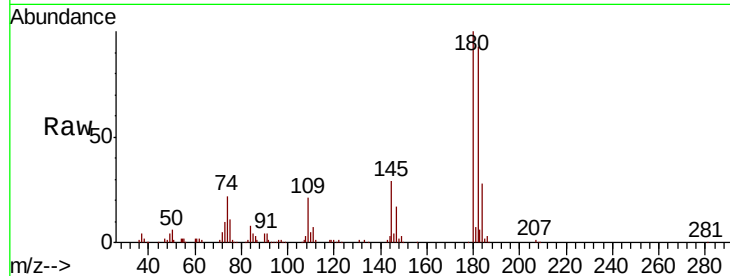




#93
 1,2,4-Trichlorobenzene
 Concen: 43.811 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

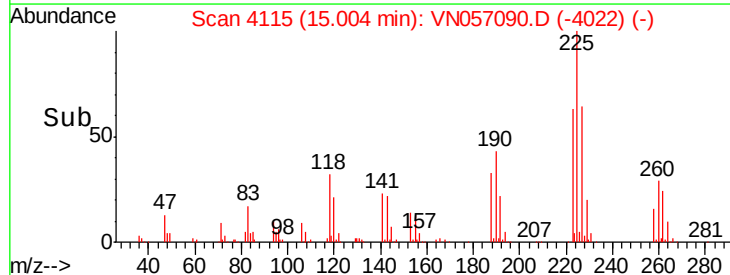
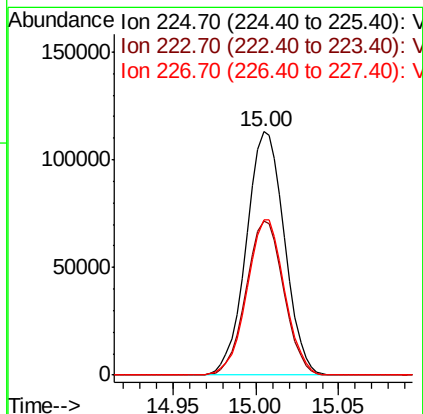
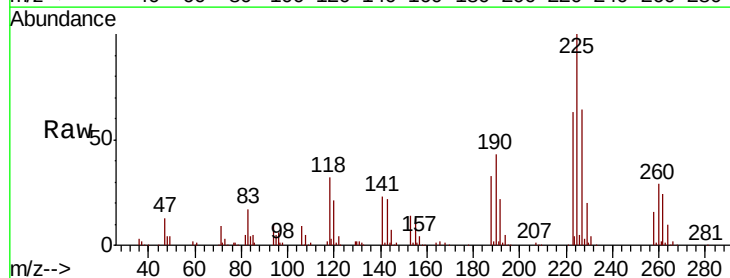
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

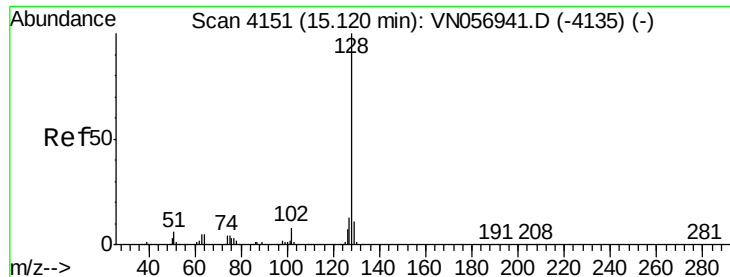
Tgt Ion:180 Resp: 196616
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.6 142.8
 145 28.5 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 59.748 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN057090.D
 Acq: 6 Aug 2019 9:51

Tgt Ion:225 Resp: 181063
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.8 92.4
 227 62.8 31.1 93.5

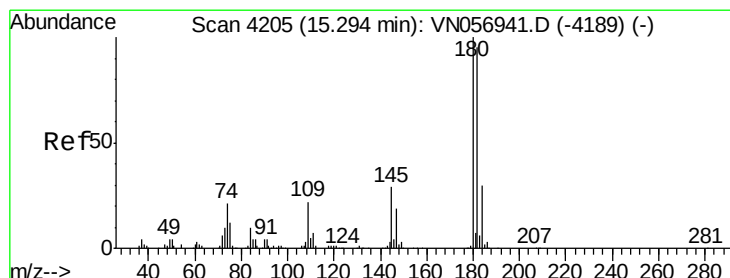
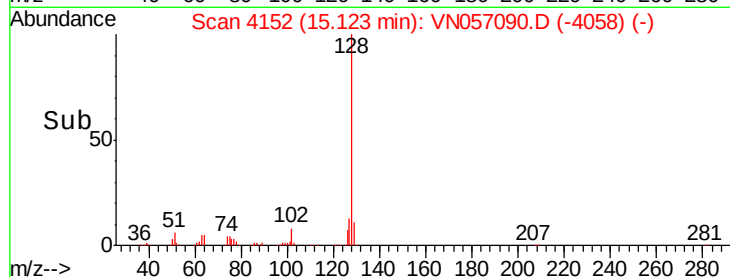
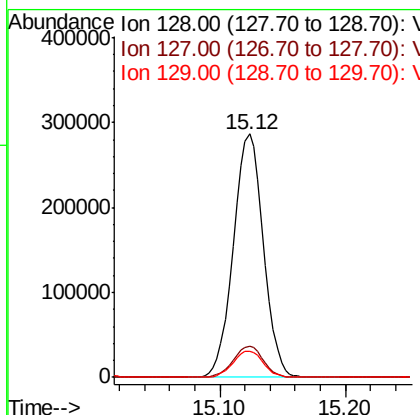
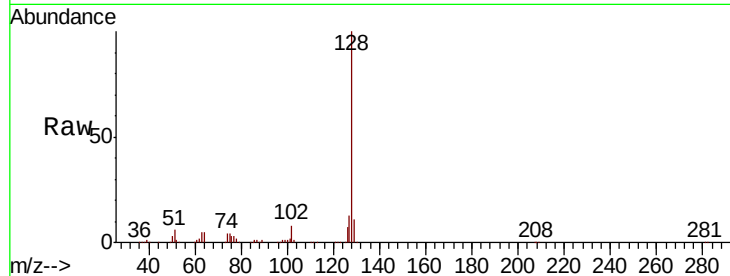




#95
Naphthalene
Concen: 43.507 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 474577
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.825 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057090.D
Acq: 6 Aug 2019 9:51

Tgt Ion:180 Resp: 213470
Ion Ratio Lower Upper
180 100
182 96.5 48.0 144.2
145 29.2 15.0 45.0

