

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083119\
 Data File : VN057609.D
 Acq On : 31 Aug 2019 00:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 31 00:54:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	432662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	692826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	710840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	366961	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.58	113	293840	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	10.08	98	1225060	55.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.86%	
62) 4-Bromofluorobenzene	12.40	95	430003	58.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	243438	50.073	ug/l	96
3) Chloromethane	2.06	50	226168	46.594	ug/l	98
4) Vinyl Chloride	2.18	62	351274	49.054	ug/l	97
5) Bromomethane	2.55	94	321335	52.111	ug/l	100
6) Chloroethane	2.70	64	238312	49.636	ug/l	98
7) Trichlorofluoromethane	3.01	101	764775	51.417	ug/l	99
8) Diethyl Ether	3.40	74	235452	47.643	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	3.74	101	441057	50.631	ug/l #	83
10) Methyl Iodide	3.93	142	729184	51.137	ug/l	93
11) Tert butyl alcohol	4.80	59	149098	213.498	ug/l	100
12) 1,1-Dichloroethene	3.72	96	423307	51.637	ug/l #	72
13) Acrolein	3.59	56	136424	228.144	ug/l	97
14) Allyl chloride	4.30	41	289977	48.326	ug/l #	84
15) Acrylonitrile	4.98	53	443648	256.574	ug/l	99
16) Acetone	3.81	43	608349	212.521	ug/l	96
17) Carbon Disulfide	4.03	76	453416	40.459	ug/l	99
18) Methyl Acetate	4.31	43	223786	57.235	ug/l #	88
19) Methyl tert-butyl Ether	5.03	73	742085	47.521	ug/l	91
20) Methylene Chloride	4.53	84	236705	44.637	ug/l #	83
21) trans-1,2-Dichloroethene	5.02	96	242945	47.375	ug/l	85
22) Diisopropyl ether	5.94	45	708771	52.691	ug/l #	92
23) Vinyl Acetate	5.88	43	2830467	269.280	ug/l #	91
24) 1,1-Dichloroethane	5.83	63	451457	50.970	ug/l	99
25) 2-Butanone	6.83	43	583517	258.254	ug/l #	83
26) 2,2-Dichloropropane	6.81	77	344717	38.118	ug/l	95
27) cis-1,2-Dichloroethene	6.81	96	309378	49.815	ug/l	80
28) Bromochloromethane	7.18	49	215618	57.911	ug/l #	59
29) Tetrahydrofuran	7.20	42	370599	262.276	ug/l #	76
30) Chloroform	7.36	83	538287	48.972	ug/l	97
31) Cyclohexane	7.64	56	401207	48.774	ug/l #	82
32) 1,1,1-Trichloroethane	7.56	97	488107	49.955	ug/l	95
36) 1,1-Dichloropropene	7.78	75	378089	50.448	ug/l	95
37) Ethyl Acetate	6.92	43	253501	51.051	ug/l #	94
38) Carbon Tetrachloride	7.76	117	411485	46.950	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	477775	50.104	ug/l #	86
40) Benzene	8.03	78	1166985	50.845	ug/l	98
41) Methacrylonitrile	7.17	41	119917	52.711	ug/l #	87
42) 1,2-Dichloroethane	8.11	62	429356	52.557	ug/l	98
43) Isopropyl Acetate	8.16	43	475099	51.259	ug/l #	92
44) Trichloroethene	8.82	130	327635	51.694	ug/l	84
45) 1,2-Dichloropropane	9.11	63	277616	51.762	ug/l	99
46) Dibromomethane	9.20	93	219802	52.263	ug/l #	88
47) Bromodichloromethane	9.40	83	439390	50.676	ug/l	99
48) Methyl methacrylate	9.19	41	223865	51.140	ug/l #	79
49) 1,4-Dioxane	9.20	88	82917	1037.943	ug/l #	74
51) 4-Methyl-2-Pentanone	9.98	43	1371945	276.955	ug/l	89
52) Toluene	10.15	92	812473	54.639	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	423112	50.495	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	453647	49.985	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	305994	53.505	ug/l	95
56) Ethyl methacrylate	10.43	69	407708	53.560	ug/l #	82
57) 1,3-Dichloropropane	10.71	76	495265	54.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	525506	294.248	ug/l #	85
59) 2-Hexanone	10.75	43	937065	273.989	ug/l	88
60) Dibromochloromethane	10.90	129	348251	53.385	ug/l	99
61) 1,2-Dibromoethane	11.00	107	332765	55.604	ug/l	97
64) Tetrachloroethene	10.63	164	338252	46.331	ug/l	93
65) Chlorobenzene	11.43	112	916782	51.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	339092	48.190	ug/l	98
67) Ethyl Benzene	11.51	91	1622880	51.795	ug/l	96
68) m/p-Xylenes	11.62	106	1261848	105.739	ug/l	89
69) o-Xylene	11.95	106	604253	50.422	ug/l	93
70) Styrene	11.96	104	999857	55.275	ug/l	95
71) Bromoform	12.13	173	228327	48.609	ug/l	99
73) Isopropylbenzene	12.25	105	1659499	52.025	ug/l	98
74) N-amyl acetate	12.07	43	401277	54.381	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.51	83	393425	55.496	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	471405	75.501	ug/l #	100
77) Bromobenzene	12.53	156	393848	45.989	ug/l	70
78) n-propylbenzene	12.59	91	1746324	47.585	ug/l	95
79) 2-Chlorotoluene	12.67	91	1046571	45.783	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	1393491	47.936	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	92637	40.125	ug/l	96
82) 4-Chlorotoluene	12.77	91	1024932	48.326	ug/l	92
83) tert-Butylbenzene	12.99	119	1221758	55.652	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	1342273	50.485	ug/l	97
85) sec-Butylbenzene	13.17	105	1553906	48.631	ug/l	98
86) p-Isopropyltoluene	13.29	119	1377371	50.152	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	651284	52.365	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	614227	51.500	ug/l	96
89) n-Butylbenzene	13.62	91	1071874	51.520	ug/l	98
90) Hexachloroethane	13.88	117	227592	39.380	ug/l	83
91) 1,2-Dichlorobenzene	13.66	146	623514	53.714	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58366	44.822	ug/l	69

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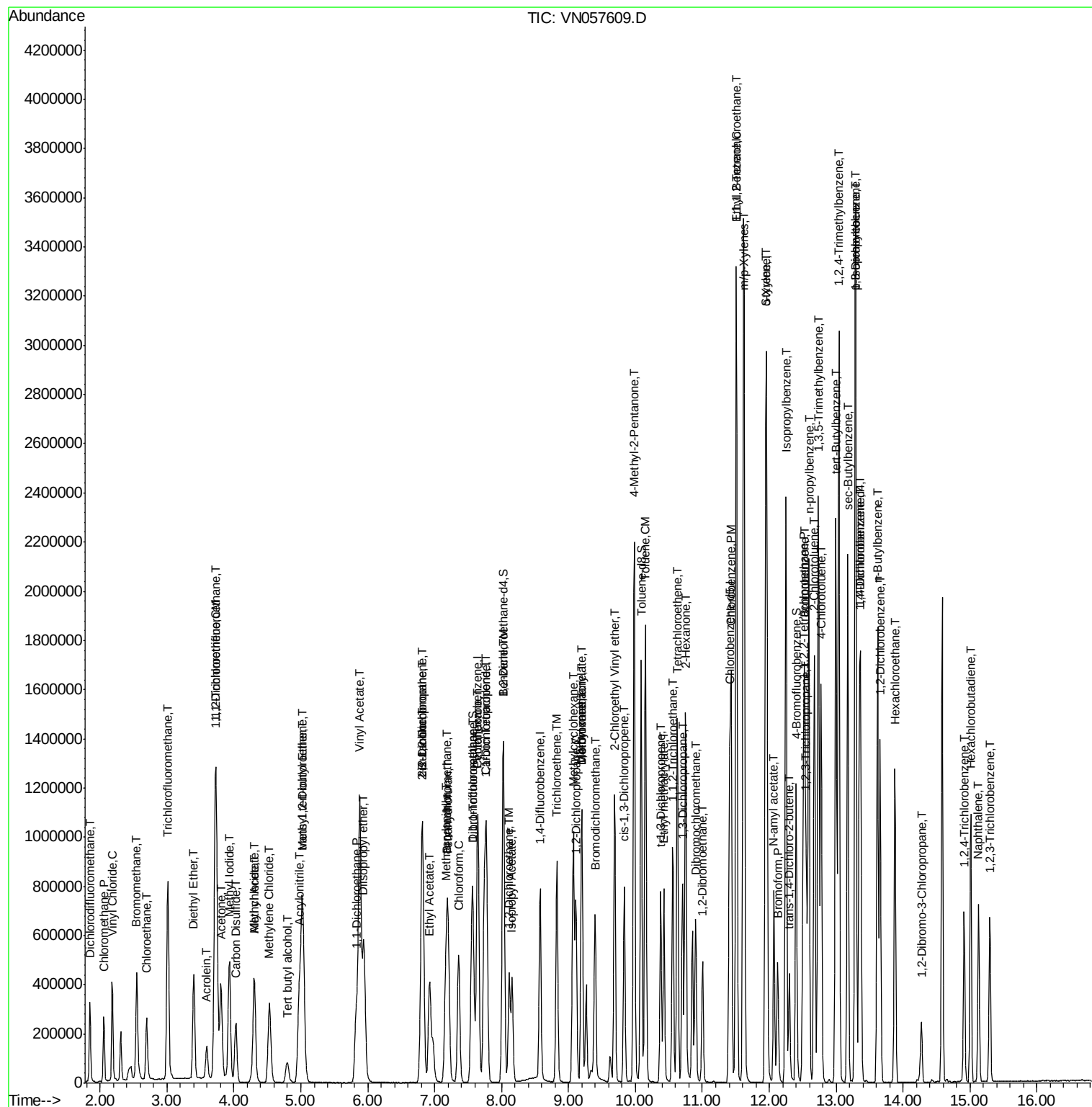
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	217460	45.537	ug/l	97
94) Hexachlorobutadiene	15.01	225	195122	51.003	ug/l	98
95) Naphthalene	15.13	128	618047	53.808	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	213891	54.521	ug/l	99

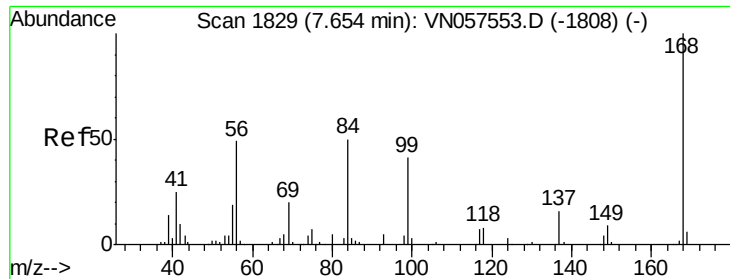
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN083119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

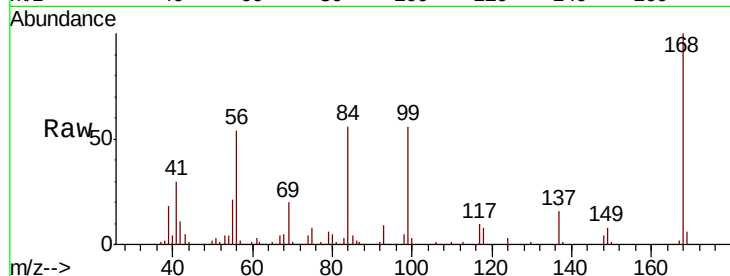
VSTDCCC050EC

Tgt Ion:168 Resp: 432662

Ion Ratio Lower Upper

168 100

99 55.3 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

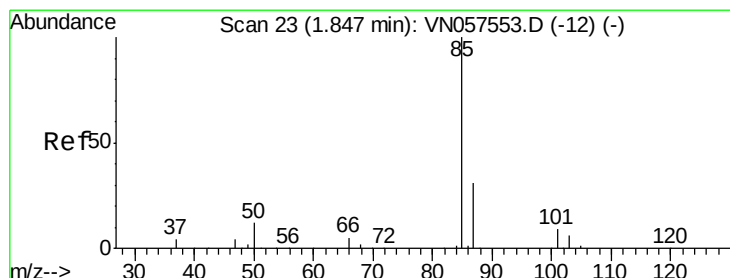
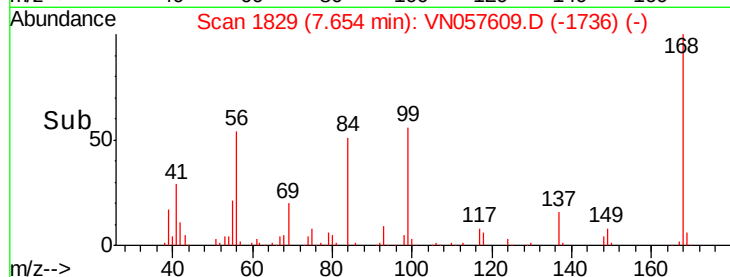
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.073 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN057609.D

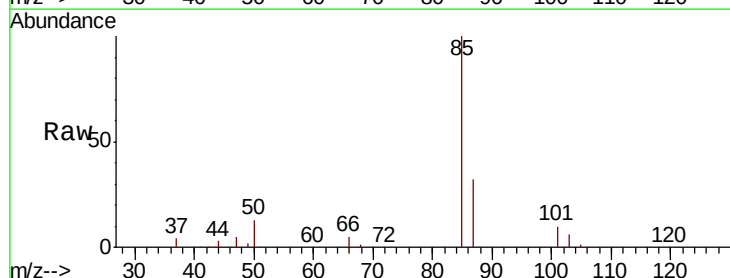
Acq: 31 Aug 2019 00:16

Tgt Ion: 85 Resp: 243438

Ion Ratio Lower Upper

85 100

87 31.7 17.1 51.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

200000

150000

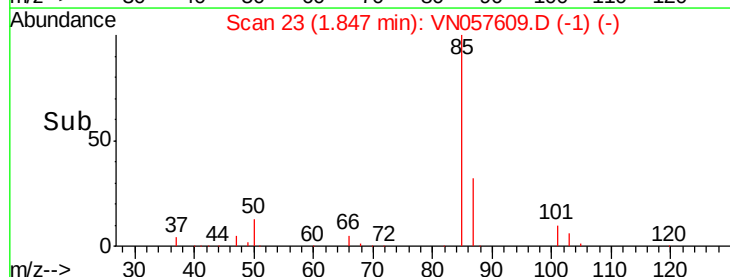
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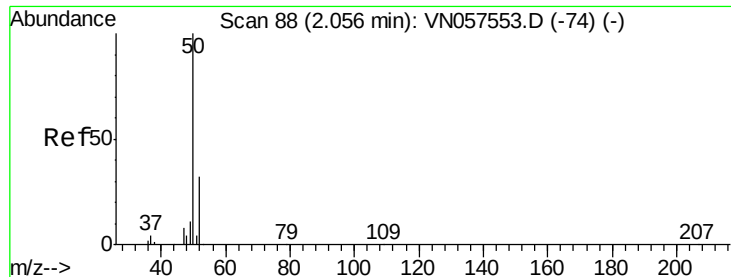
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 46.594 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

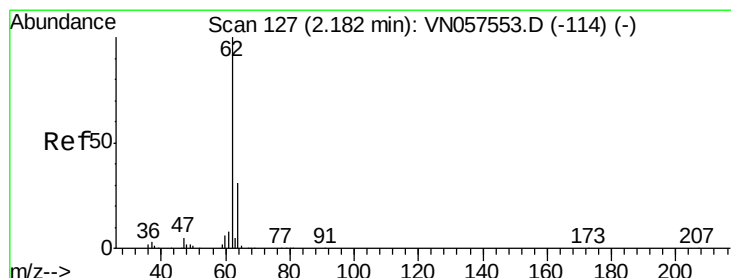
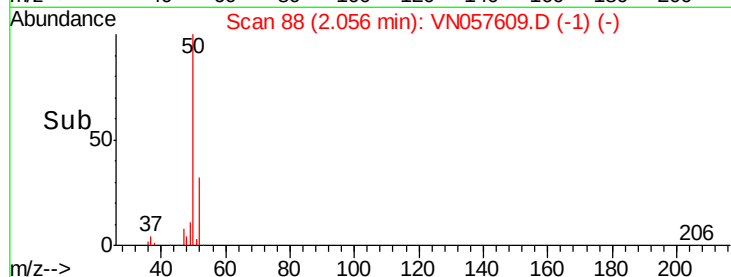
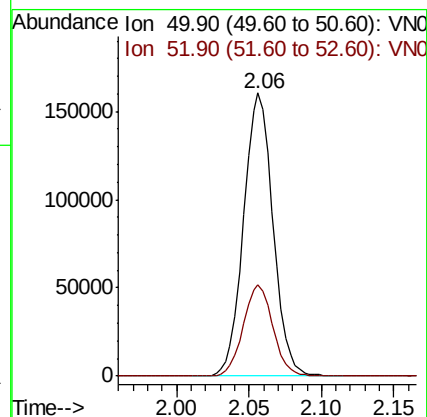
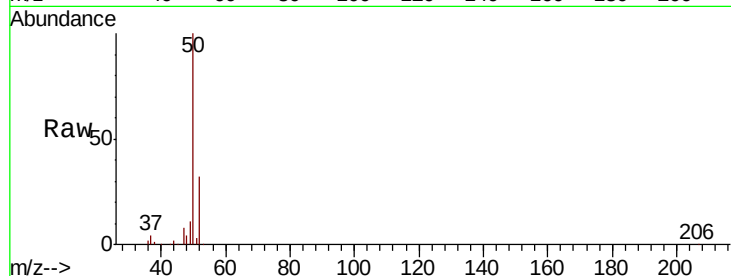
VSTDCCC050EC

Tgt Ion: 50 Resp: 226168

Ion Ratio Lower Upper

50 100

52 32.3 25.1 37.7



#4

Vinyl Chloride

Concen: 49.054 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN057609.D

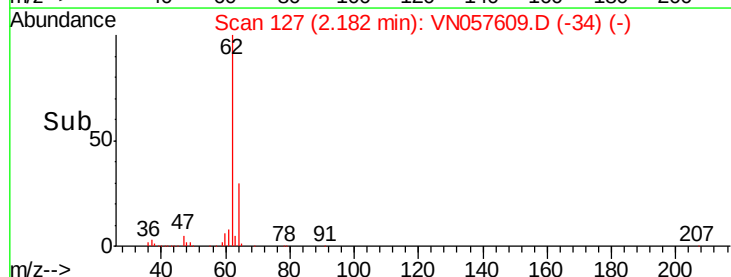
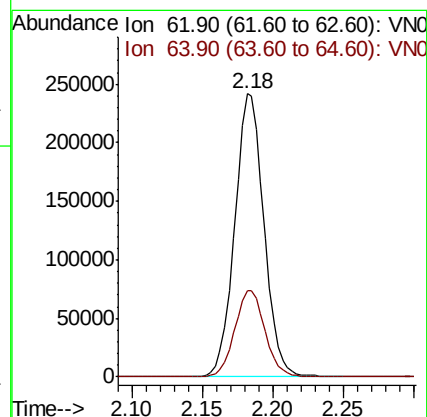
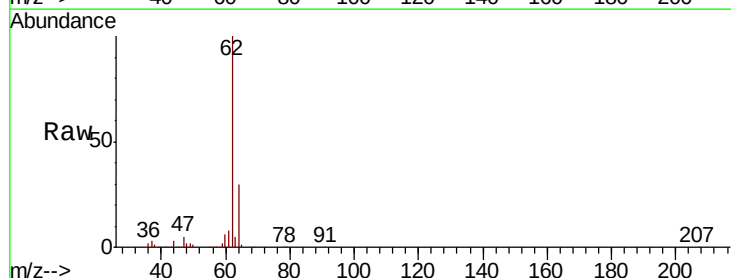
Acq: 31 Aug 2019 00:16

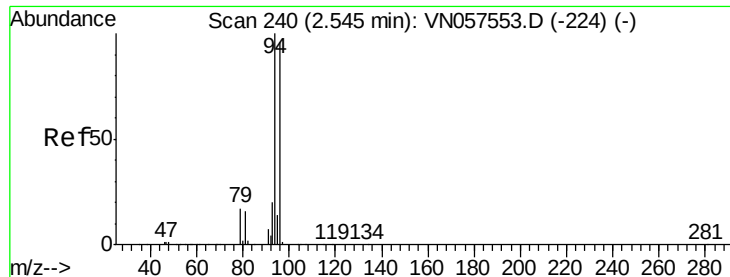
Tgt Ion: 62 Resp: 351274

Ion Ratio Lower Upper

62 100

64 30.4 25.8 38.8





#5

Bromomethane

Concen: 52.111 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

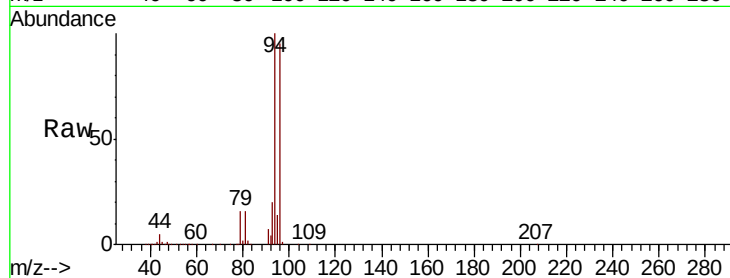
VSTDCCC050EC

Tgt Ion: 94 Resp: 321335

Ion Ratio Lower Upper

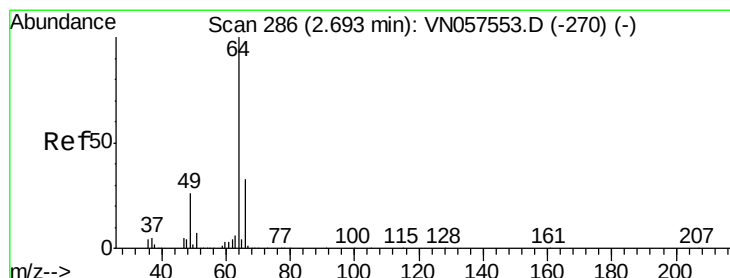
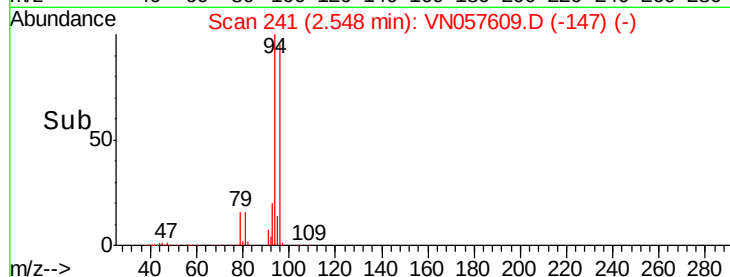
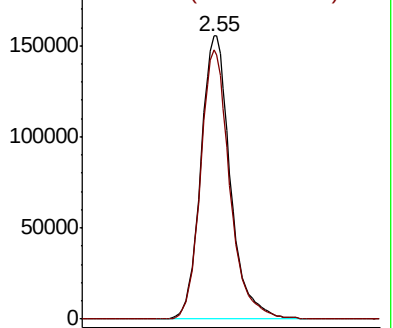
94 100

96 95.0 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.636 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.00 min

Lab File: VN057609.D

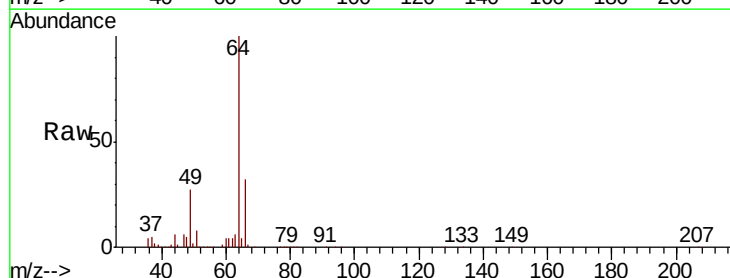
Acq: 31 Aug 2019 00:16

Tgt Ion: 64 Resp: 238312

Ion Ratio Lower Upper

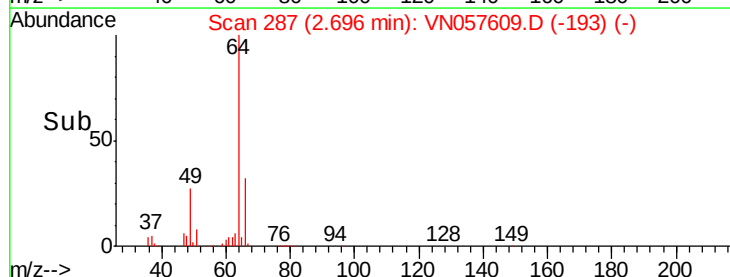
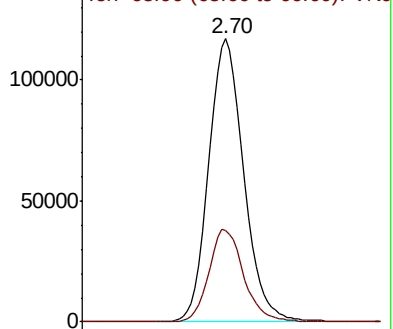
64 100

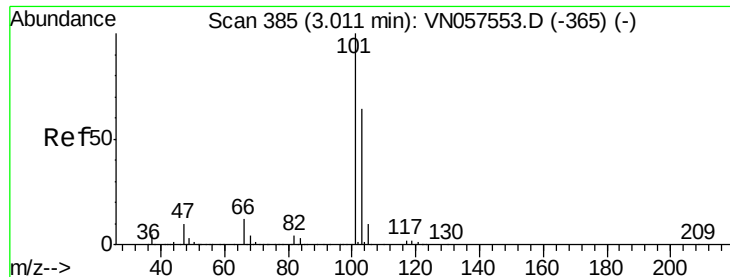
66 32.3 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



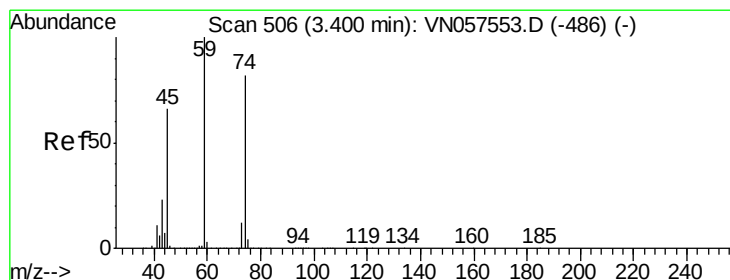
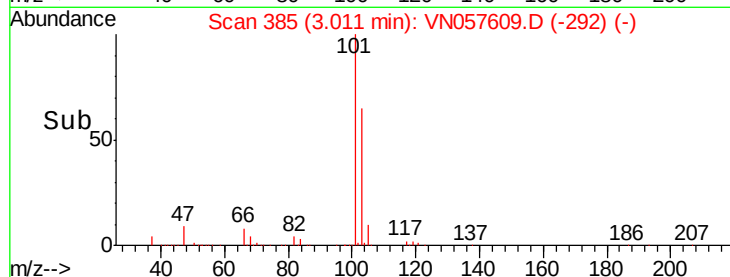
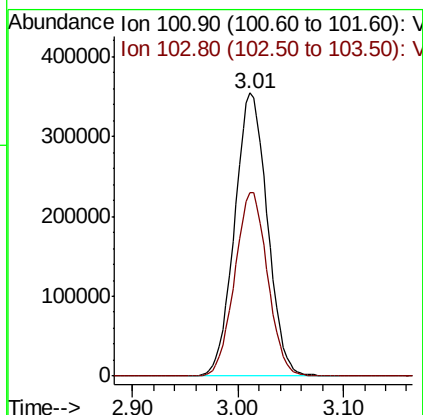
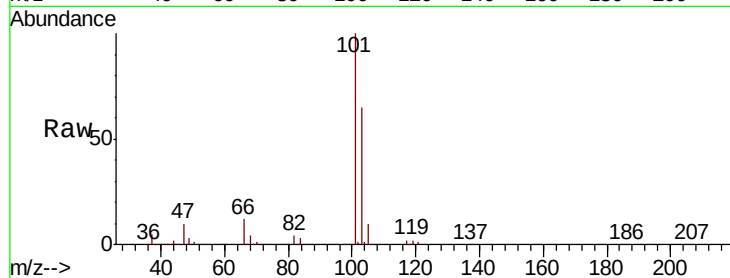


#7

Trichlorofluoromethane
 Concen: 51.417 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Instrument :
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 VSTDCCC050EC

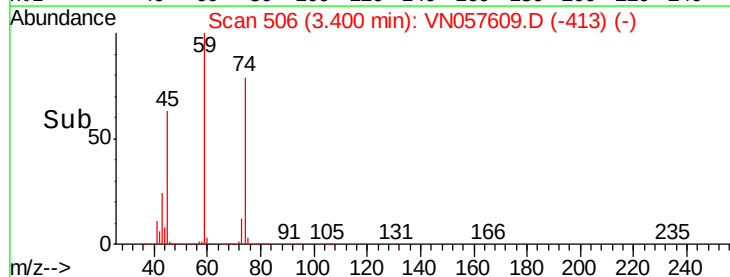
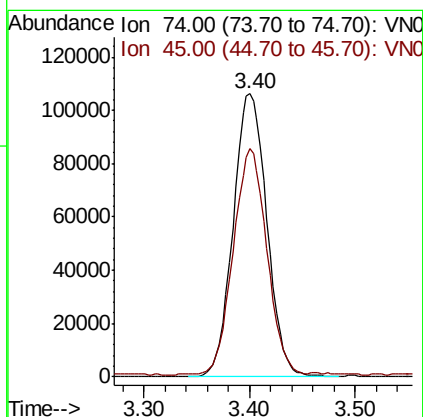
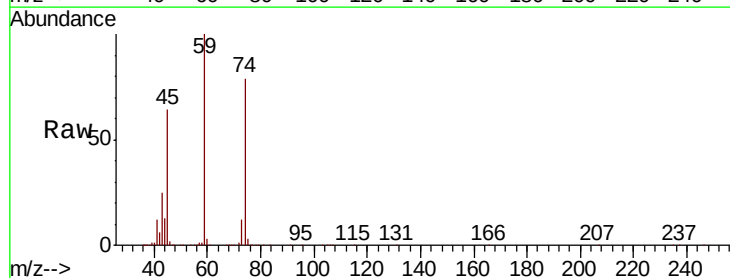
Tgt Ion:101 Resp: 764775
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 78.8

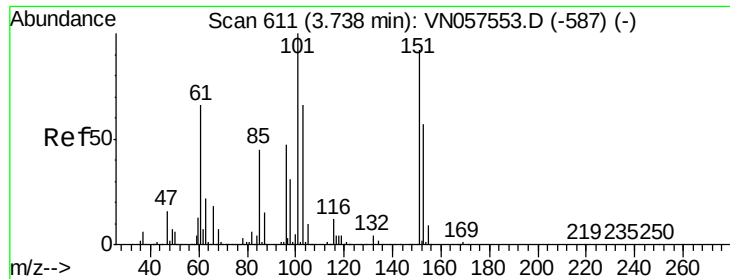


#8

Diethyl Ether
 Concen: 47.643 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion: 74 Resp: 235452
 Ion Ratio Lower Upper
 74 100
 45 78.8 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.631 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

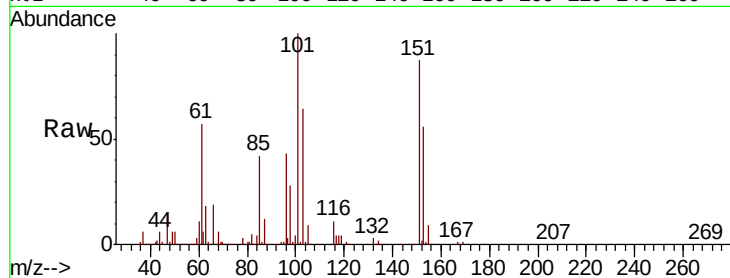
Tgt Ion:101 Resp: 441057

Ion Ratio Lower Upper

101 100

85 43.1 40.0 60.0

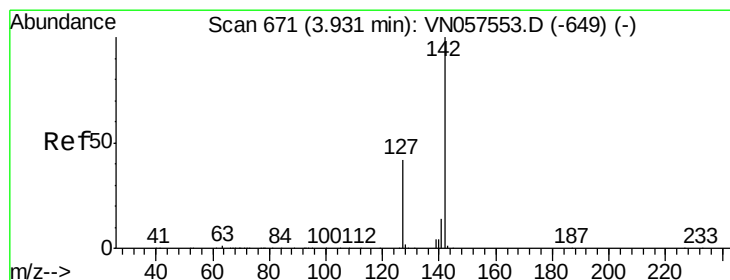
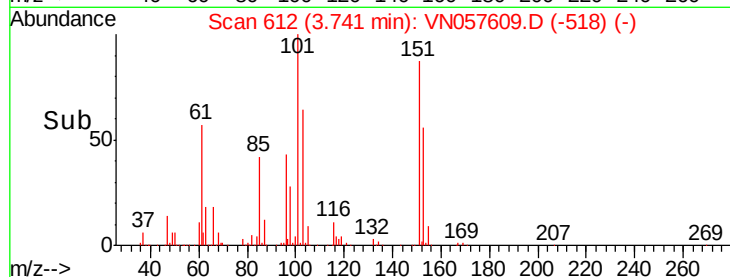
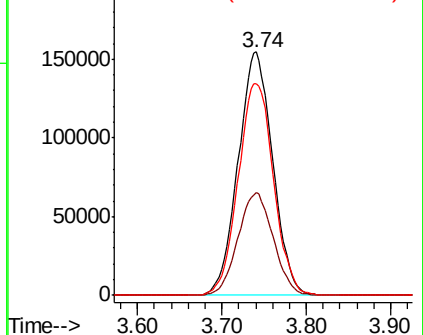
151 89.1 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.137 ug/l

RT: 3.93 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

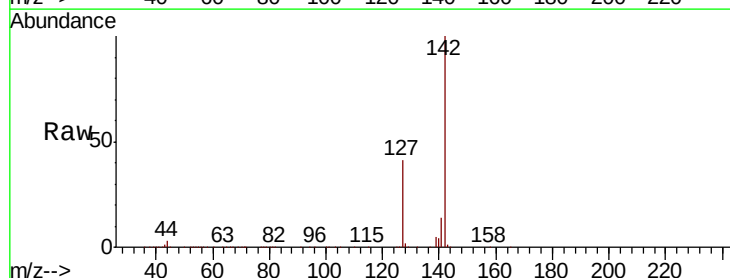
Tgt Ion:142 Resp: 729184

Ion Ratio Lower Upper

142 100

127 41.9 37.8 56.8

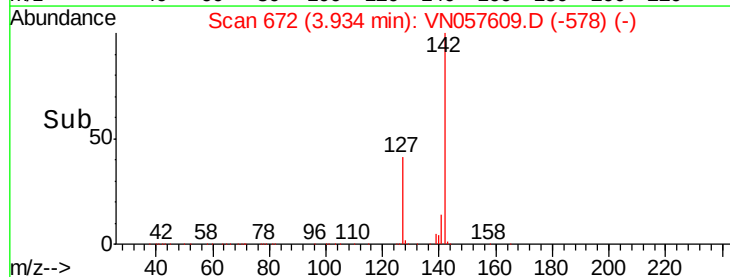
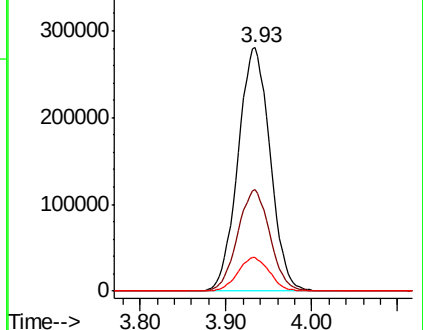
141 13.7 11.9 17.9

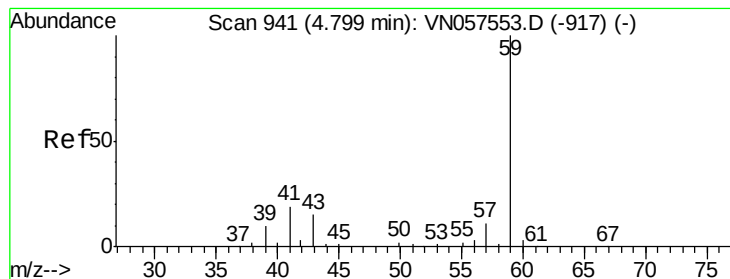


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 213.498 ug/l

RT: 4.80 min Scan# 940

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

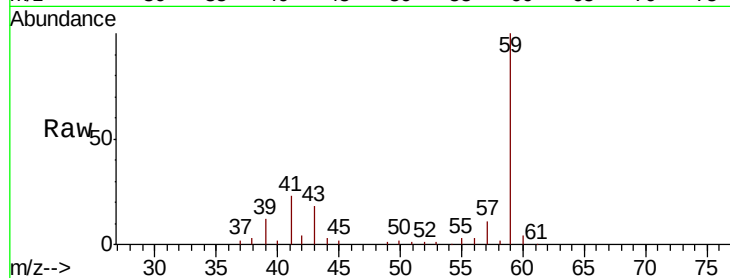
VSTDCCC050EC

Tgt Ion: 59 Resp: 149098

Ion Ratio Lower Upper

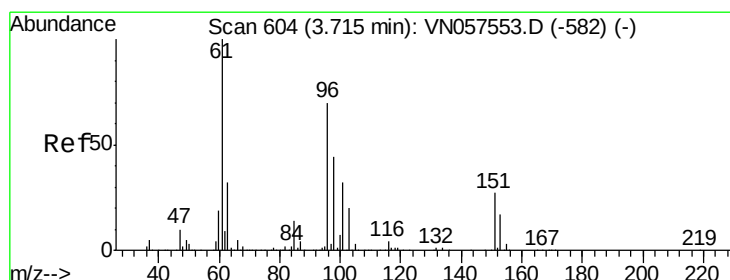
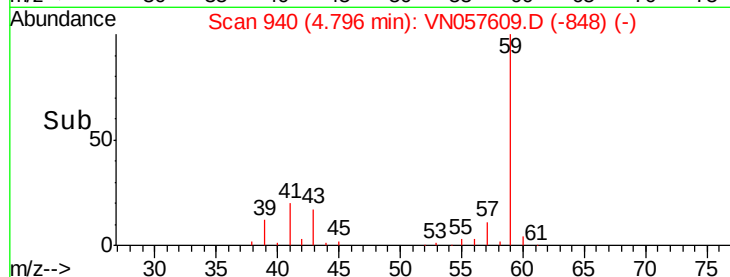
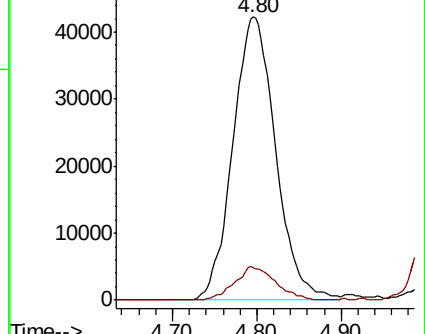
59 100

57 11.3 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 51.637 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

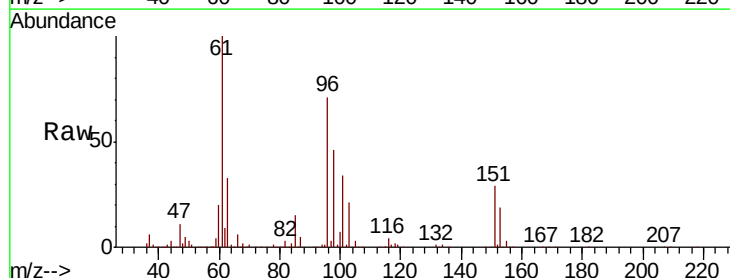
Tgt Ion: 96 Resp: 423307

Ion Ratio Lower Upper

96 100

61 141.8 155.3 232.9#

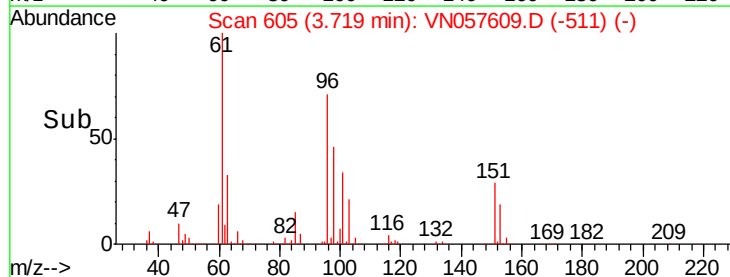
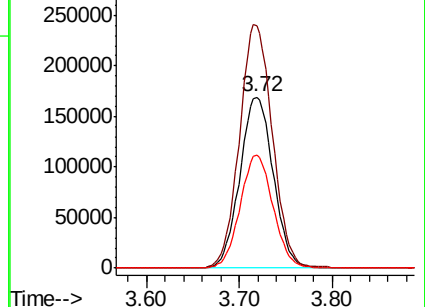
98 65.8 50.2 75.2

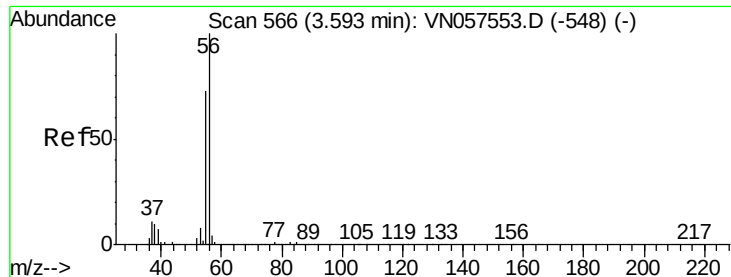


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 228.144 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

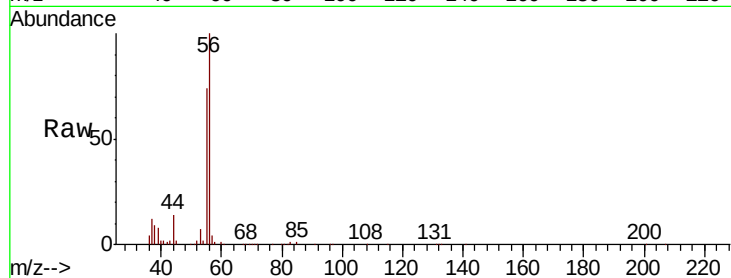
VSTDCCC050EC

Tgt Ion: 56 Resp: 136424

Ion Ratio Lower Upper

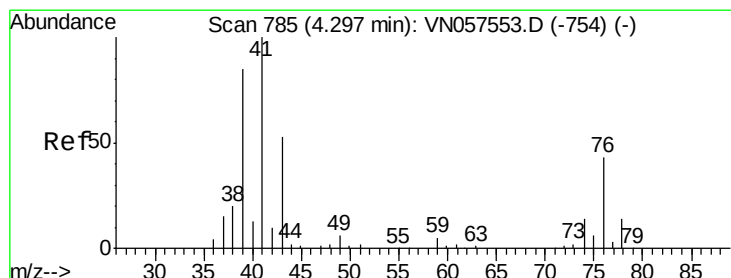
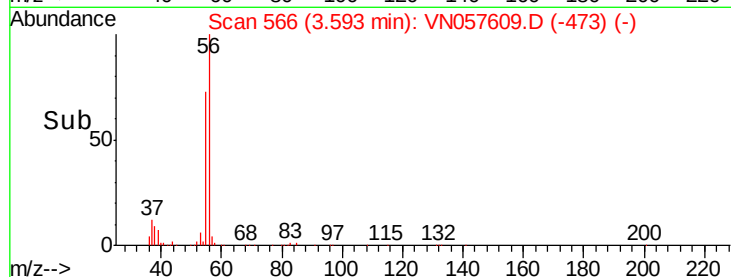
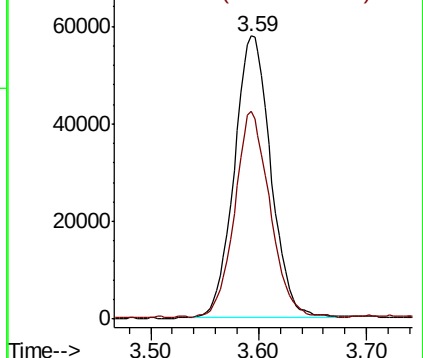
56 100

55 71.0 59.0 88.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.326 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

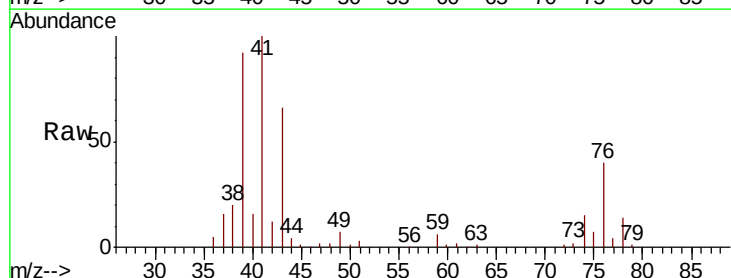
Tgt Ion: 41 Resp: 289977

Ion Ratio Lower Upper

41 100

39 84.3 57.4 86.2

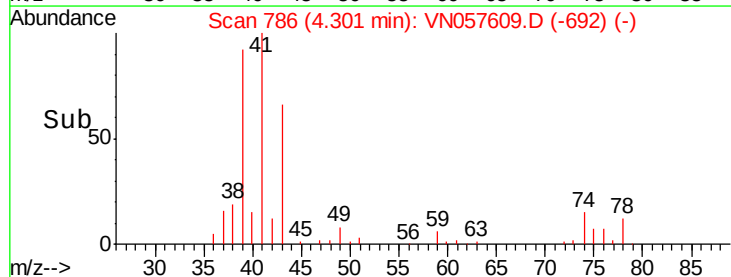
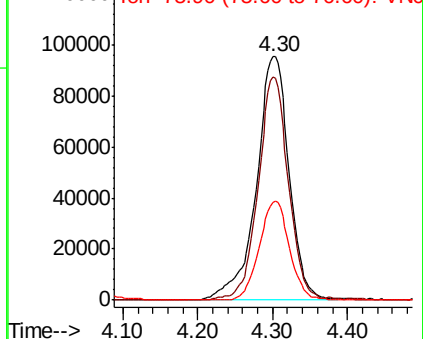
76 37.6 22.9 34.3#

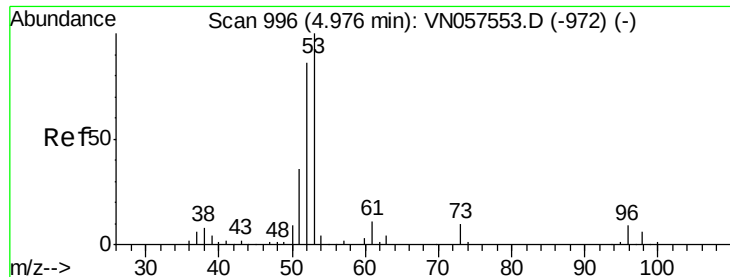


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 256.574 ug/l

RT: 4.98 min Scan# 996

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

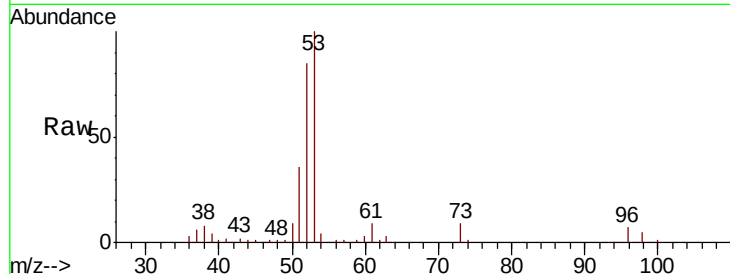
Tgt Ion: 53 Resp: 443648

Ion Ratio Lower Upper

53 100

52 82.3 67.0 100.6

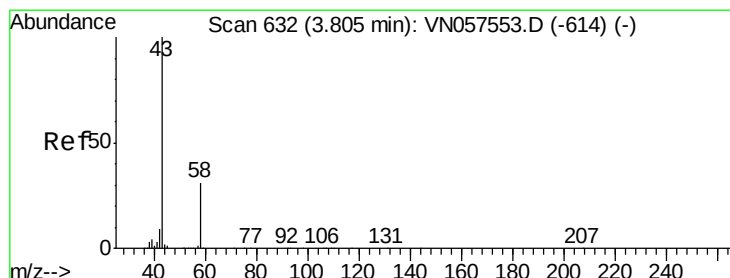
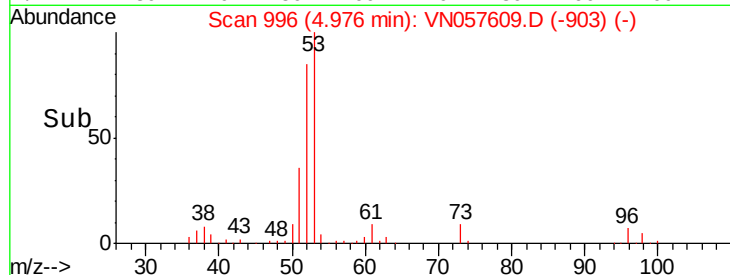
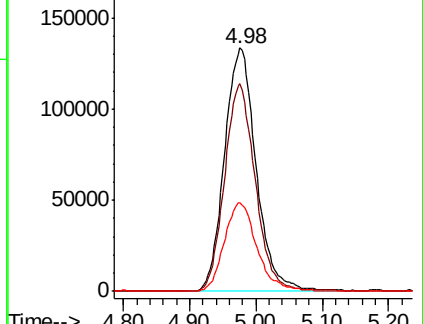
51 37.5 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 212.521 ug/l

RT: 3.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN057609.D

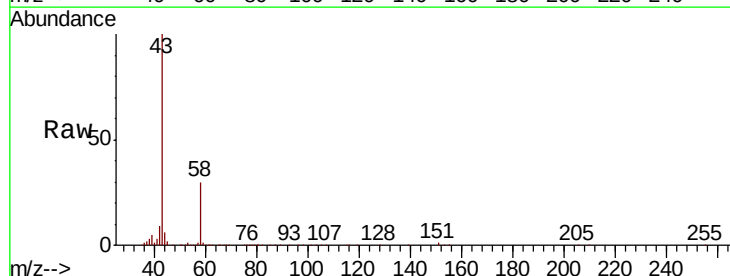
Acq: 31 Aug 2019 00:16

Tgt Ion: 43 Resp: 608349

Ion Ratio Lower Upper

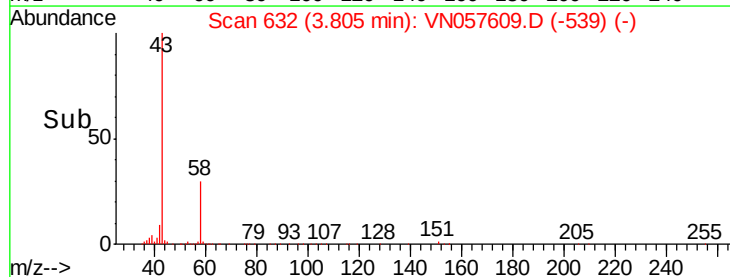
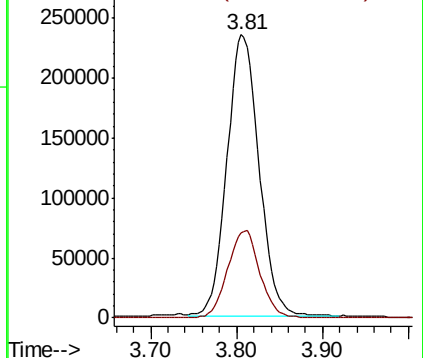
43 100

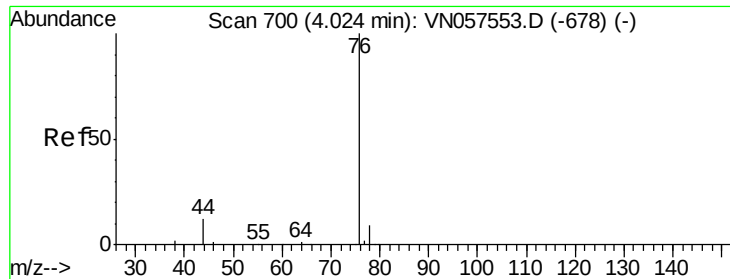
58 29.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 40.459 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.01 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

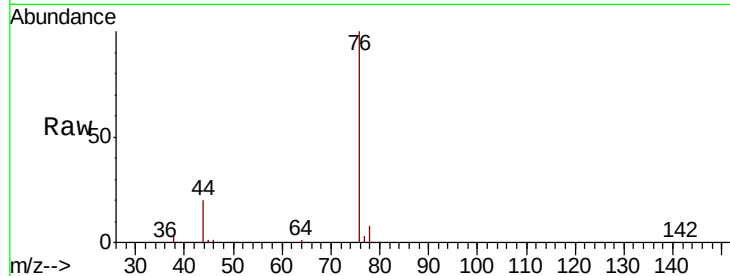
VSTDCCC050EC

Tgt Ion: 76 Resp: 453416

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN057609.D (-607) (-)

Ion 77.90 (77.60 to 78.60): VN057609.D (-607) (-)

4.03

200000

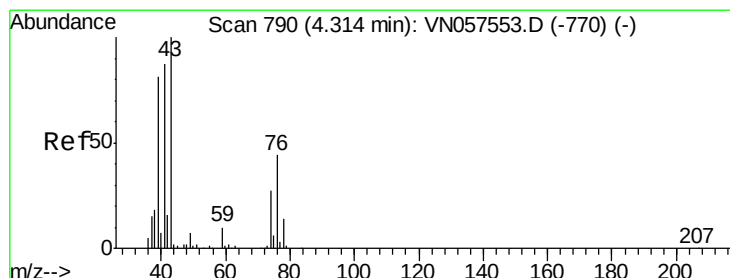
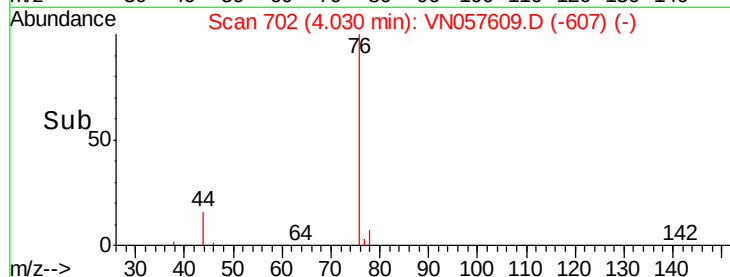
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 57.235 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057609.D

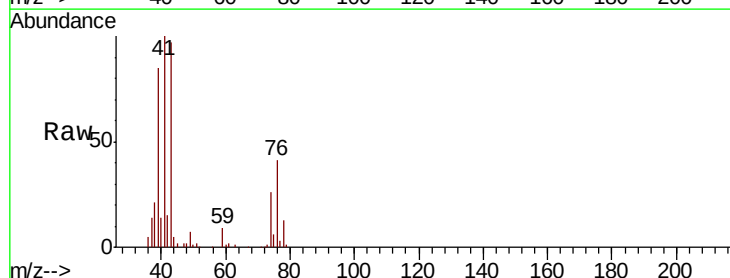
Acq: 31 Aug 2019 00:16

Tgt Ion: 43 Resp: 223786

Ion Ratio Lower Upper

43 100

74 25.3 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN057609.D (-697) (-)

Ion 74.00 (73.70 to 74.70): VN057609.D (-697) (-)

4.31

80000

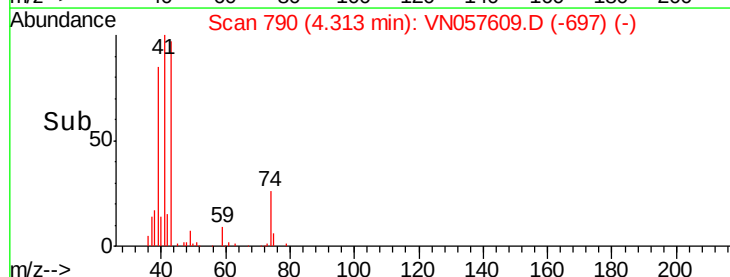
60000

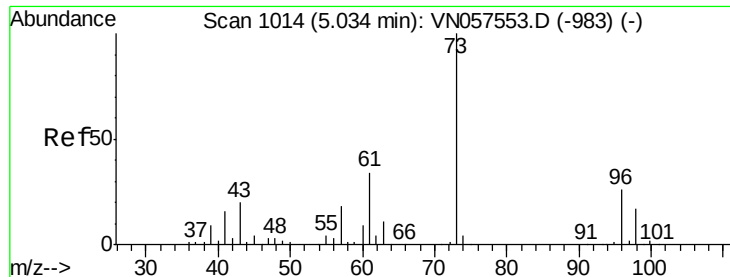
40000

20000

0

Time-->

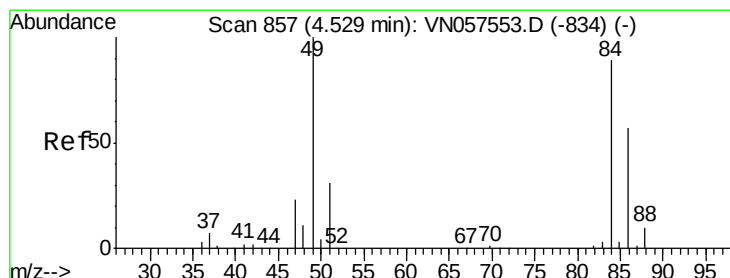
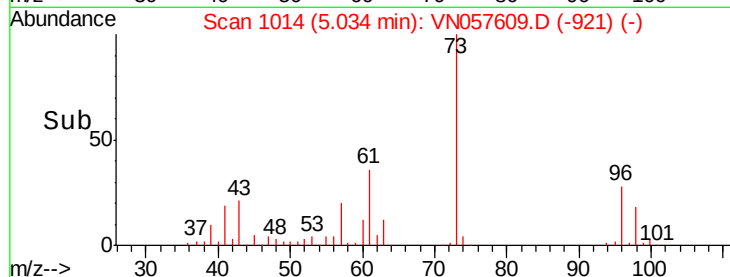
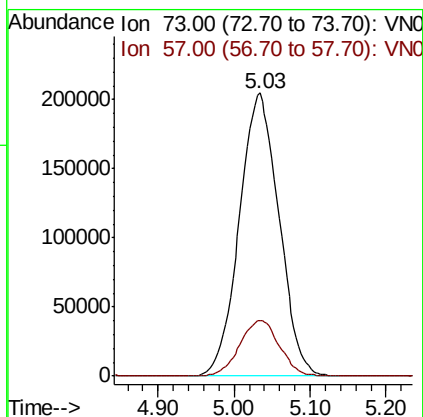
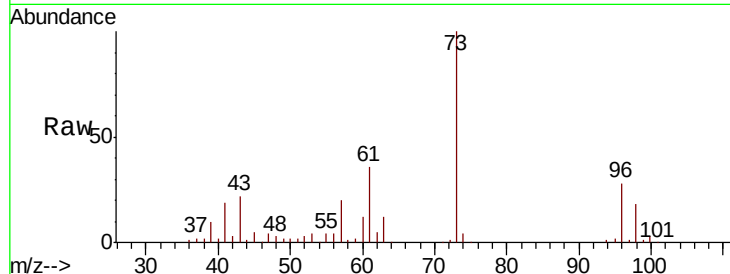




#19
Methyl tert-butyl Ether
Concen: 47.521 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

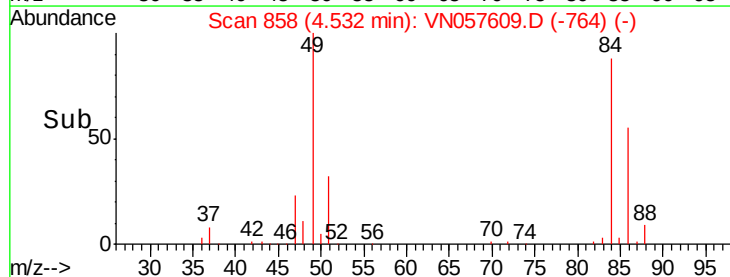
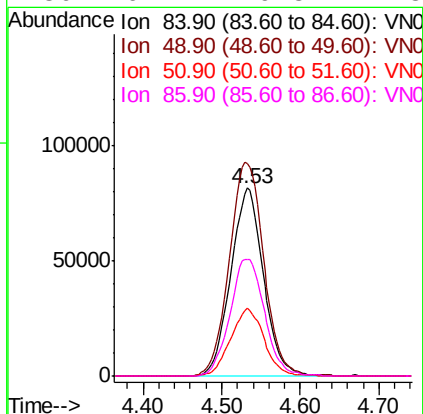
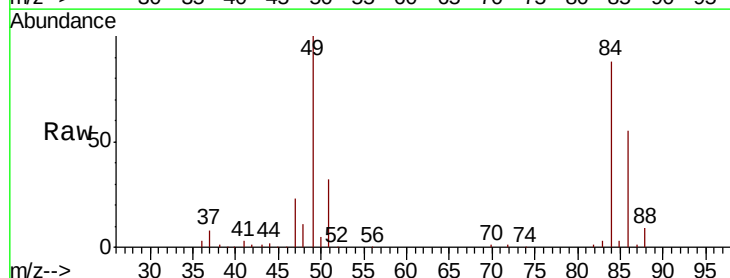
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

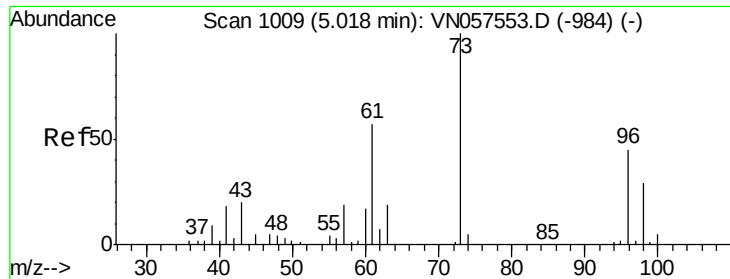
Tgt Ion: 73 Resp: 742085
Ion Ratio Lower Upper
73 100
57 19.6 19.1 28.7



#20
Methylene Chloride
Concen: 44.637 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion: 84 Resp: 236705
Ion Ratio Lower Upper
84 100
49 113.3 117.0 175.4#
51 36.1 35.5 53.3
86 62.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 47.375 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

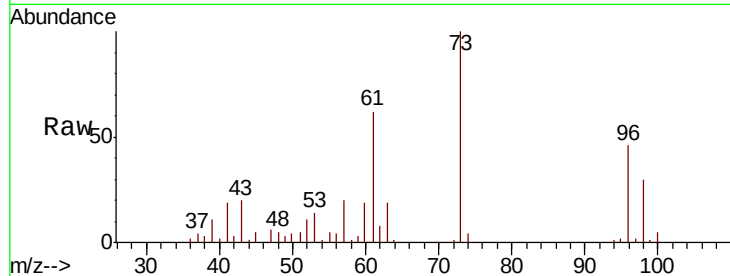
Tgt Ion: 96 Resp: 242945

Ion Ratio Lower Upper

96 100

61 132.9 127.9 191.9

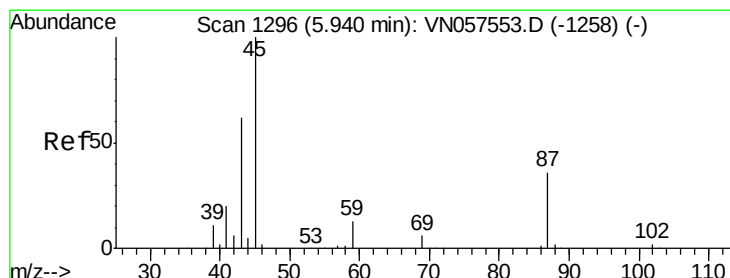
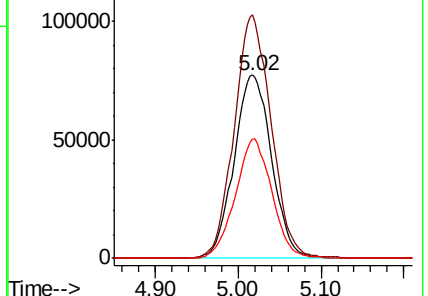
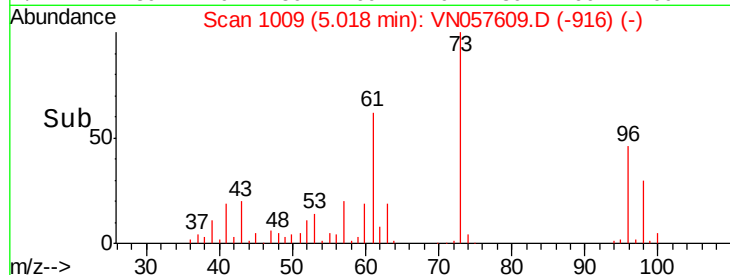
98 65.0 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN057609.D (-916) (-)

Ion 60.90 (60.60 to 61.60): VN057609.D (-916) (-)

Ion 97.90 (97.60 to 98.60): VN057609.D (-916) (-)



#22

Diisopropyl ether

Concen: 52.691 ug/l

RT: 5.94 min Scan# 1296

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Tgt Ion: 45 Resp: 708771

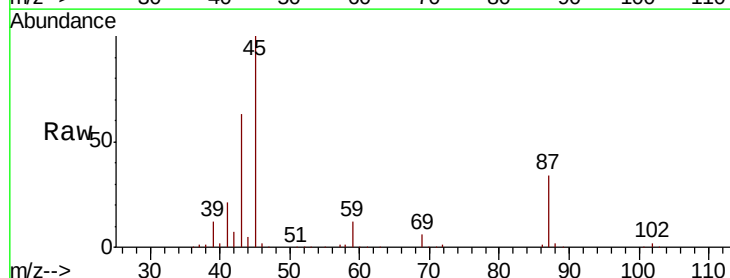
Ion Ratio Lower Upper

45 100

43 62.0 46.9 70.3

87 34.3 19.3 28.9

59 11.9 8.7 13.1

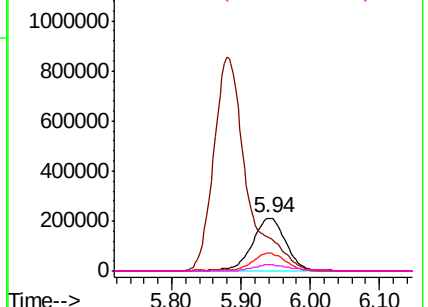
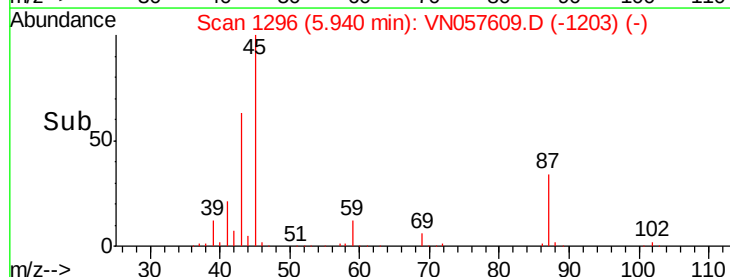


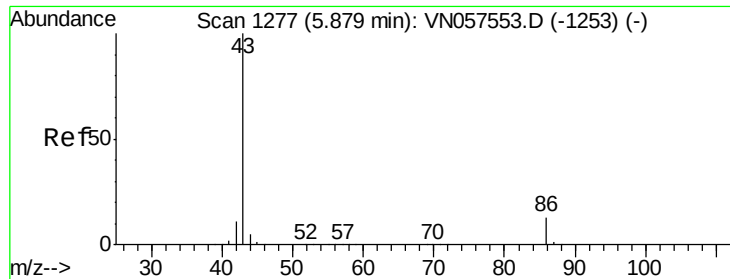
Abundance Ion 45.00 (44.70 to 45.70): VN057609.D (-1203) (-)

Ion 43.00 (42.70 to 43.70): VN057609.D (-1203) (-)

Ion 87.00 (86.70 to 87.70): VN057609.D (-1203) (-)

Ion 59.00 (58.70 to 59.70): VN057609.D (-1203) (-)





#23

Vinyl Acetate

Concen: 269.280 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

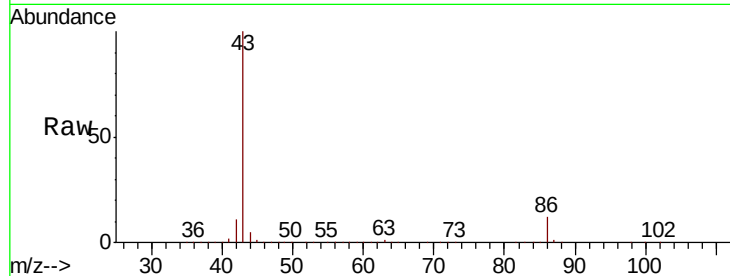
VSTDCCC050EC

Tgt Ion: 43 Resp: 2830467

Ion Ratio Lower Upper

43 100

86 11.7 6.7 10.1#



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-1253) (-)

Ion 86.00 (85.70 to 86.70): VN057553.D (-1253) (-)

5.88

800000

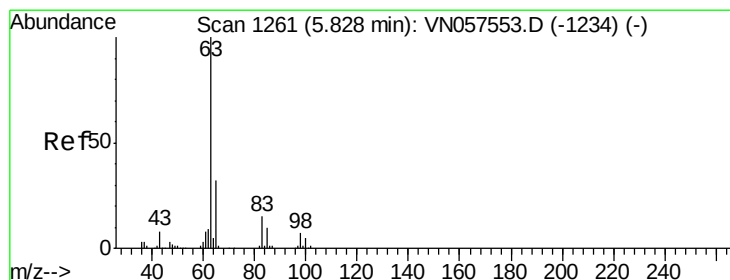
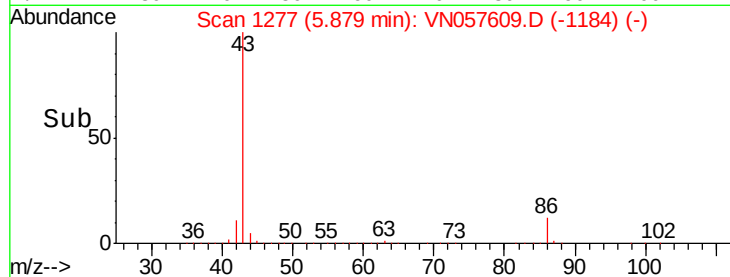
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.970 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

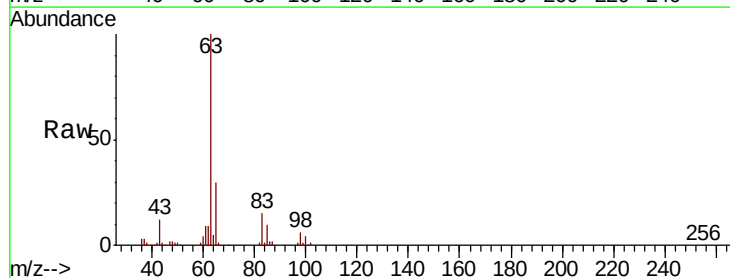
Tgt Ion: 63 Resp: 451457

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.6

100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN057553.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN057553.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN057553.D (-1234) (-)

200000

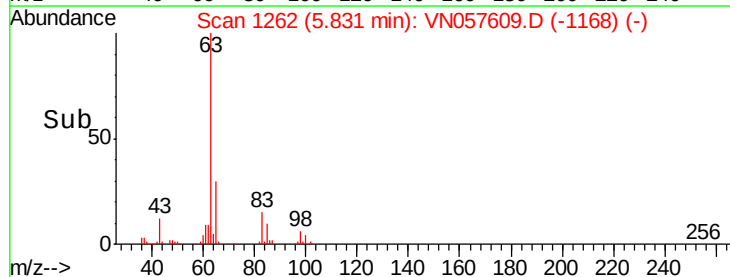
150000

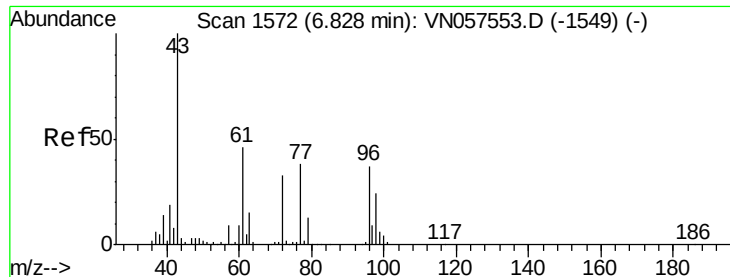
100000

50000

0

Time-->

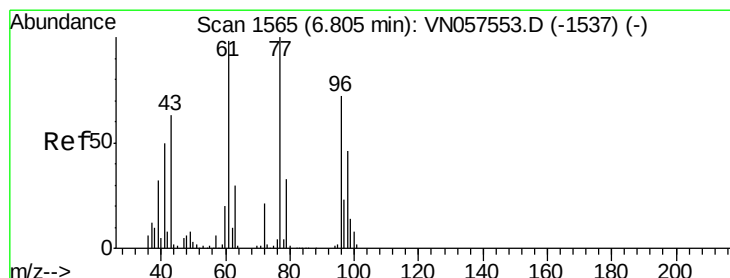
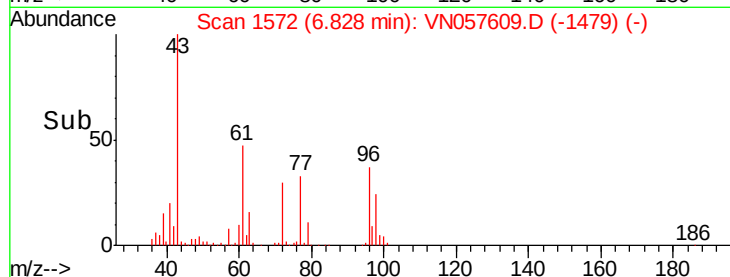
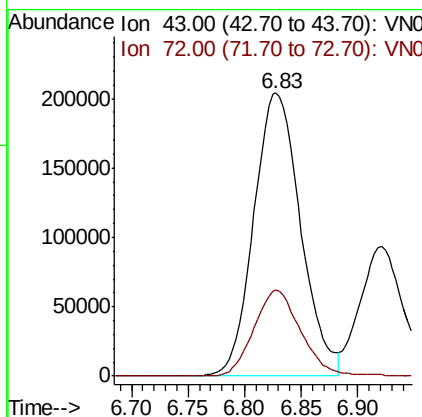
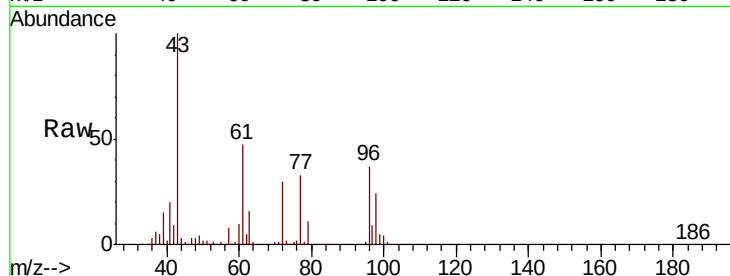




#25
 2-Butanone
 Concen: 258.254 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

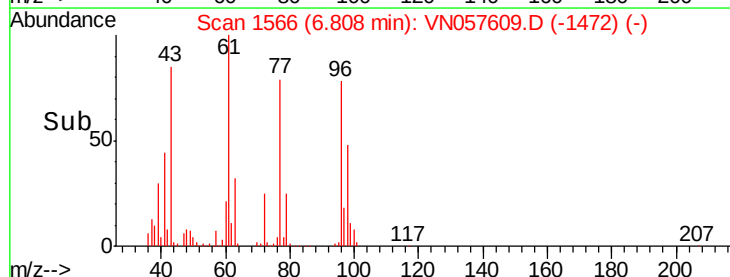
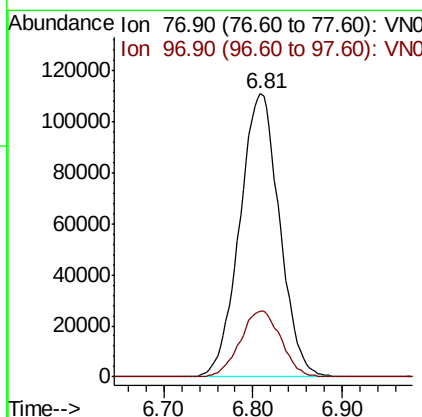
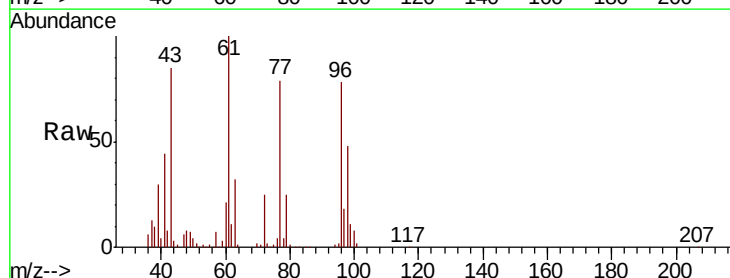
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

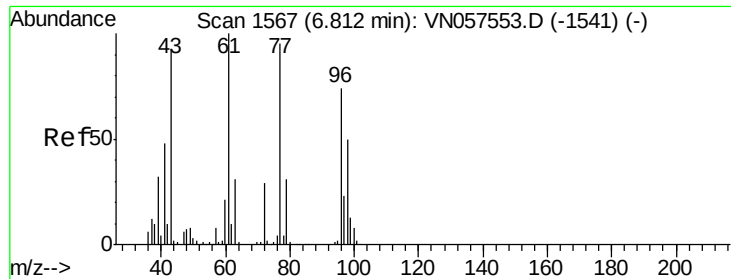
Tgt Ion: 43 Resp: 583517
 Ion Ratio Lower Upper
 43 100
 72 30.4 17.8 26.8#



#26
 2,2-Dichloropropane
 Concen: 38.118 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion: 77 Resp: 344717
 Ion Ratio Lower Upper
 77 100
 97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.815 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

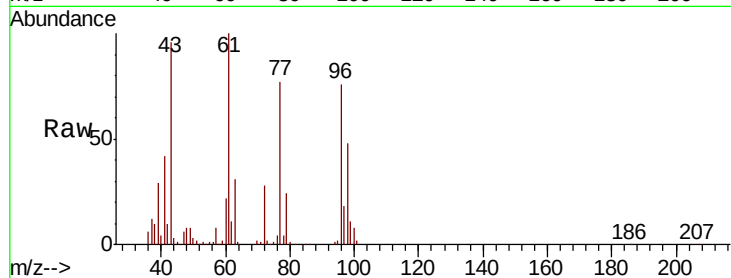
Tgt Ion: 96 Resp: 309378

Ion Ratio Lower Upper

96 100

61 130.9 0.0 334.8

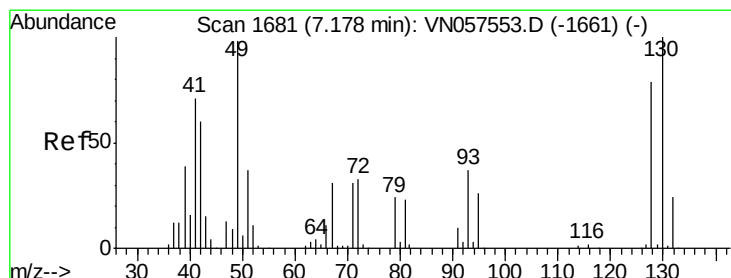
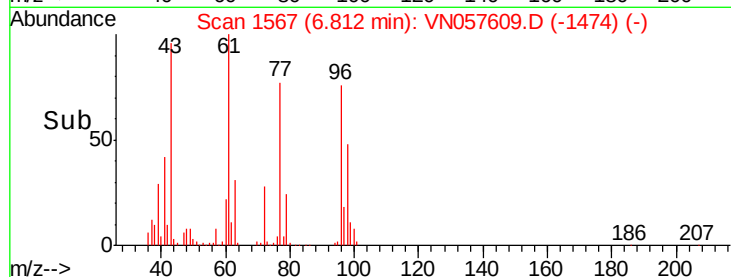
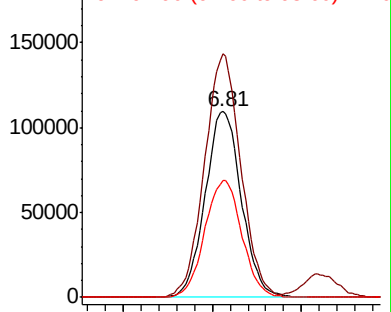
98 64.5 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN057553.D (-1541) (-)

Ion 60.90 (60.60 to 61.60): VN057553.D (-1541) (-)

Ion 97.90 (97.60 to 98.60): VN057553.D (-1541) (-)



#28

Bromochloromethane

Concen: 57.911 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

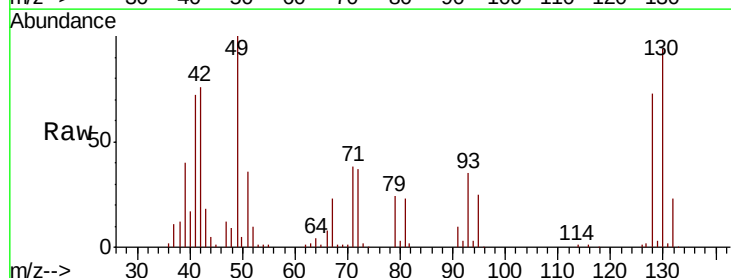
Tgt Ion: 49 Resp: 215618

Ion Ratio Lower Upper

49 100

129 2.5 0.0 3.6

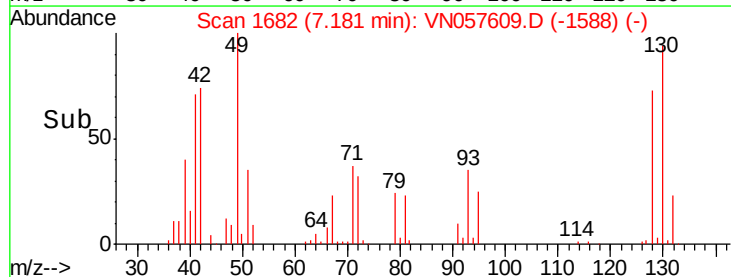
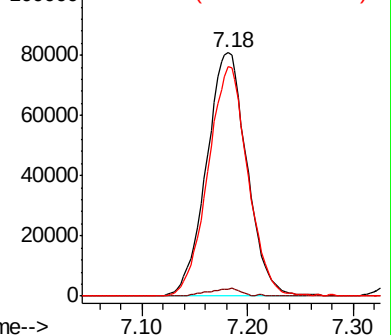
130 92.9 48.6 72.8#

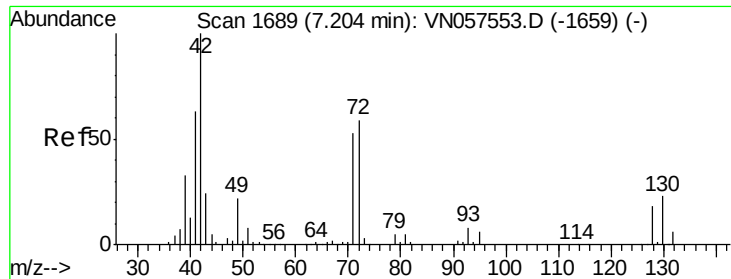


Abundance Ion 48.90 (48.60 to 49.60): VN057553.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN057553.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN057553.D (-1661) (-)

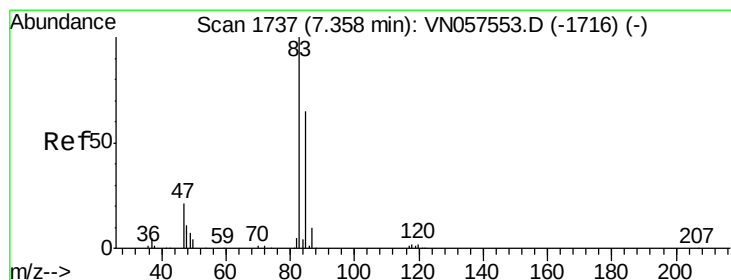
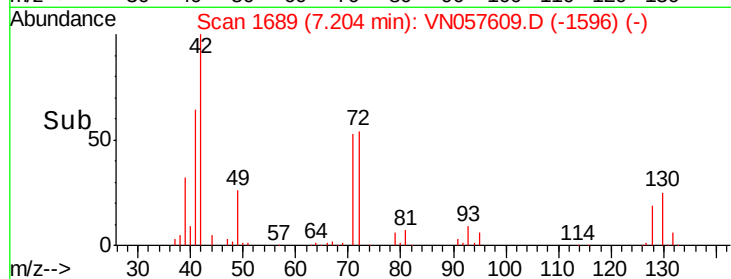
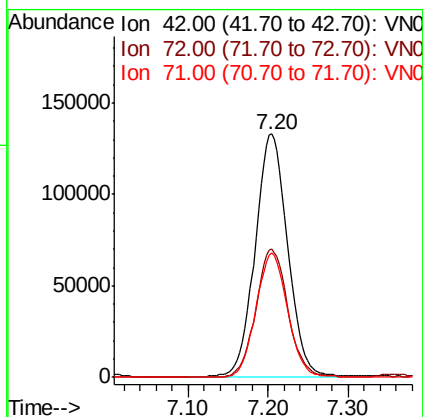
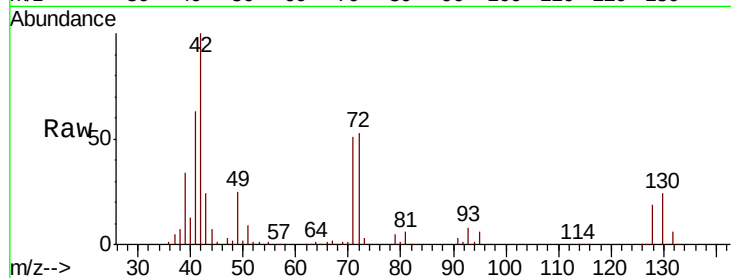




#29
Tetrahydrofuran
Concen: 262.276 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

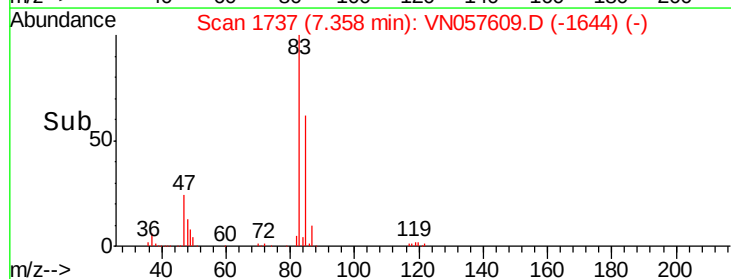
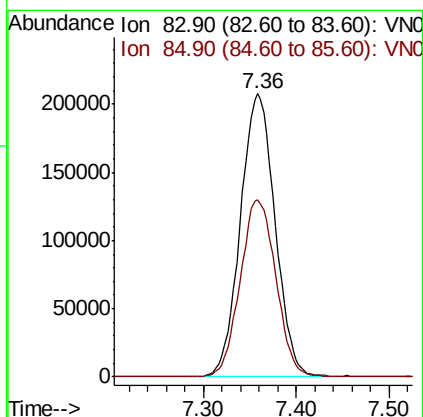
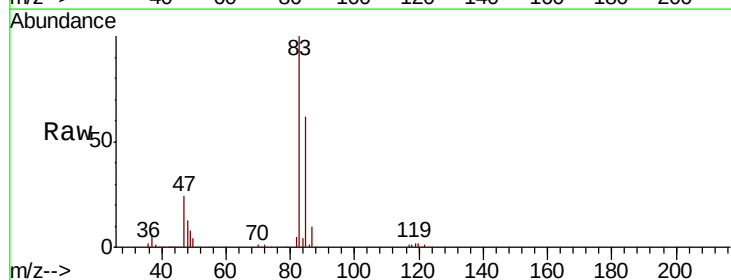
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

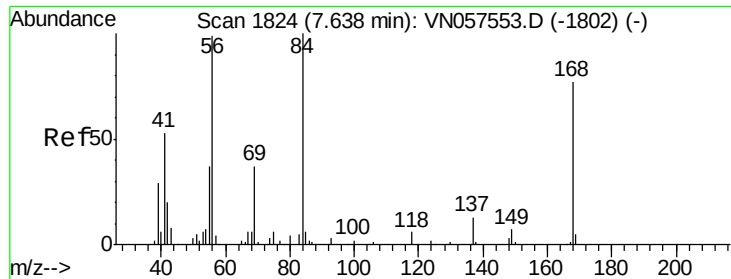
Tgt Ion: 42 Resp: 370599
Ion Ratio Lower Upper
42 100
72 52.5 30.1 45.1#
71 50.0 28.8 43.2#



#30
Chloroform
Concen: 48.972 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion: 83 Resp: 538287
Ion Ratio Lower Upper
83 100
85 62.4 51.9 77.9

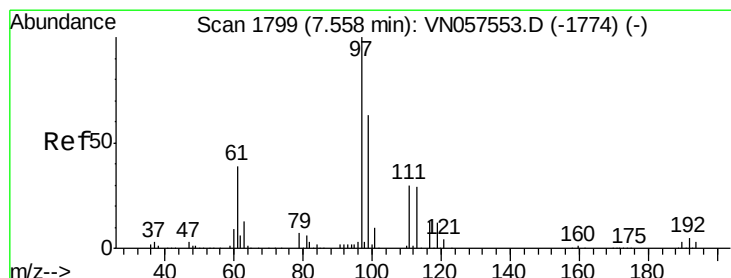
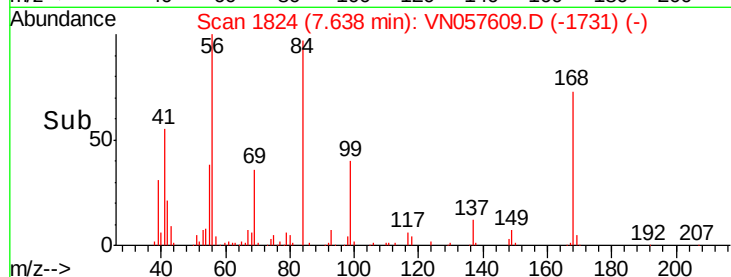
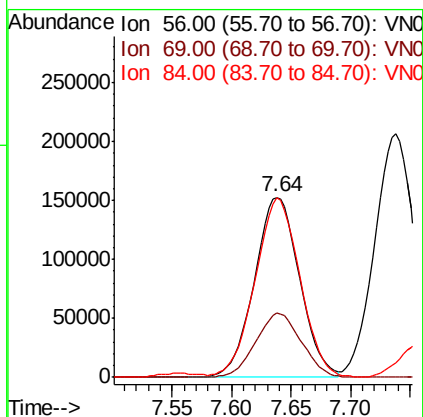
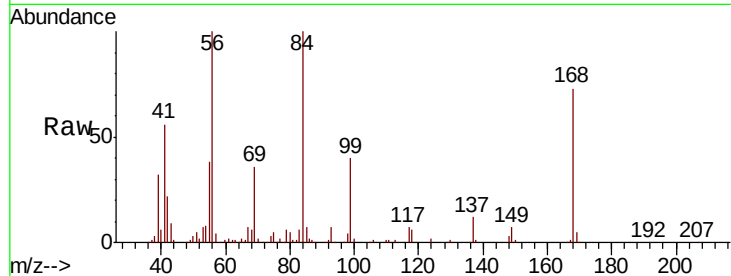




#31
Cyclohexane
Concen: 48.774 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

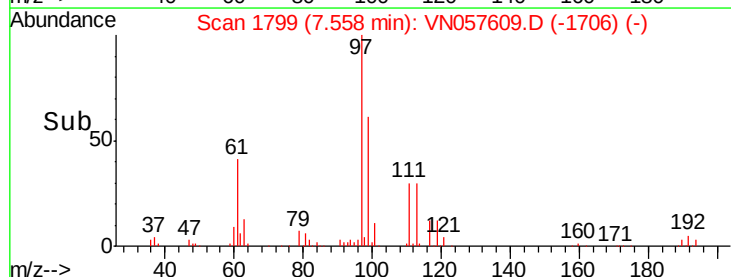
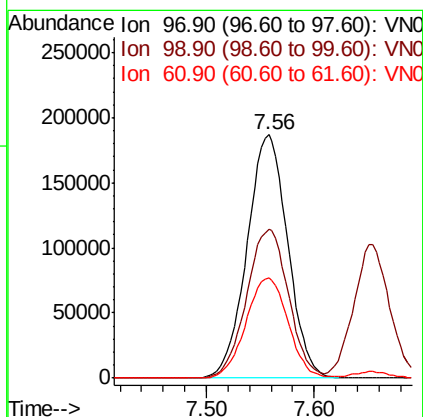
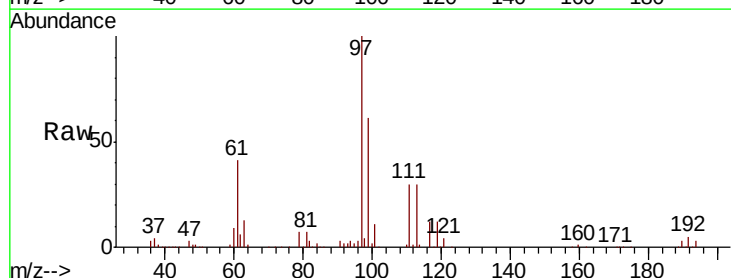
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

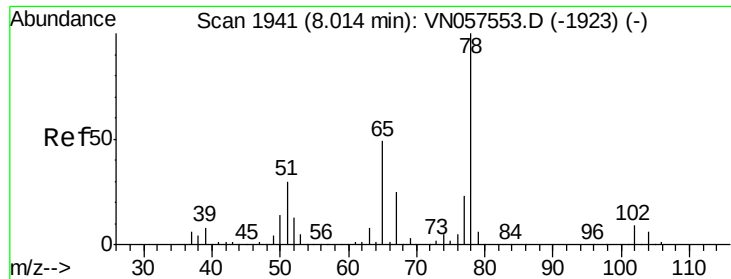
Tgt Ion: 56 Resp: 401207
Ion Ratio Lower Upper
56 100
69 35.6 25.0 37.6
84 97.9 62.5 93.7#



#32
1,1,1-Trichloroethane
Concen: 49.955 ug/l
RT: 7.56 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion: 97 Resp: 488107
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.6
61 42.9 39.8 59.6

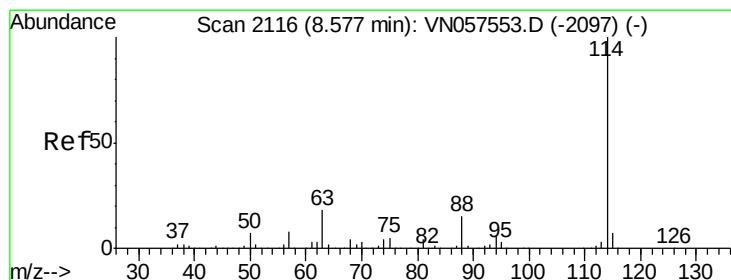
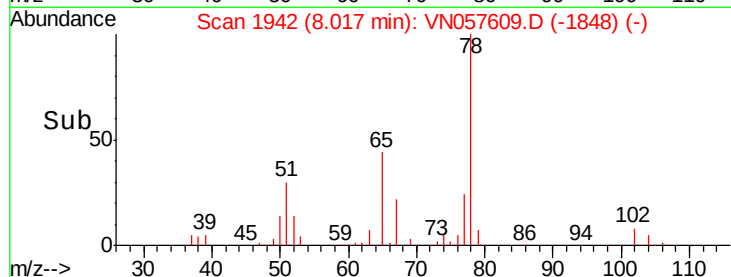
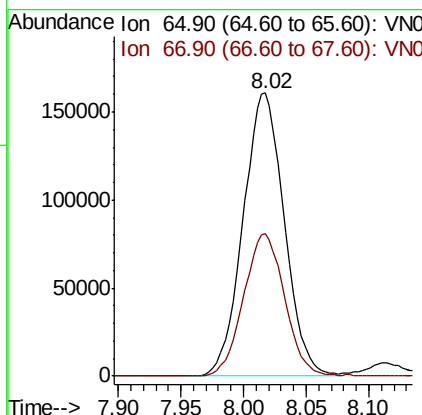
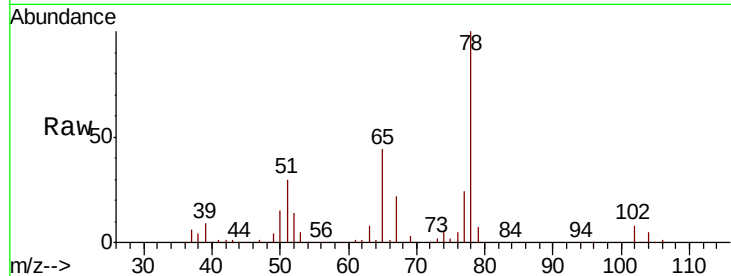




#33
 1,2-Dichloroethane-d4
 Concen: 51.819 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

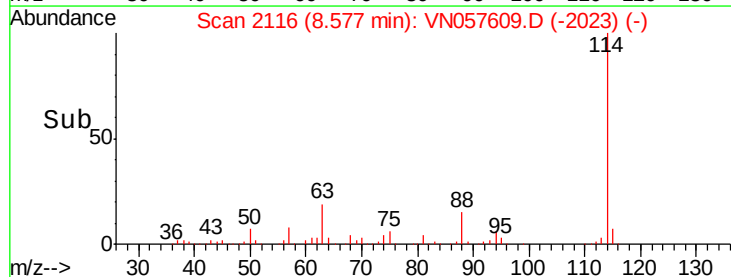
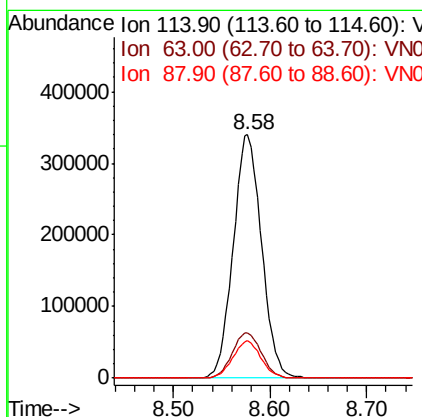
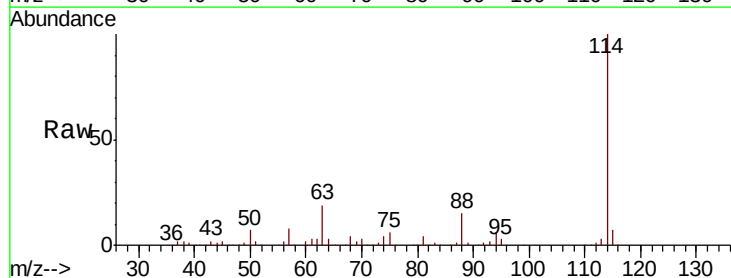
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

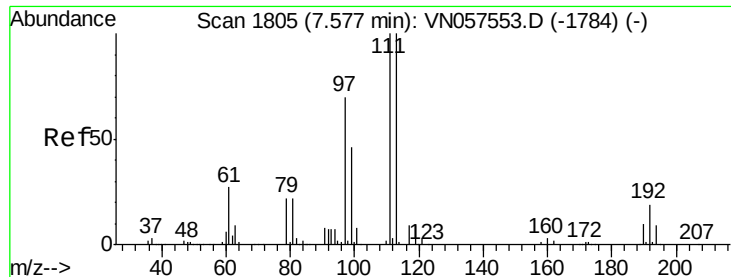
Tgt Ion: 65 Resp: 366961
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion: 114 Resp: 692826
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 50.2
 88 15.2 0.0 34.6

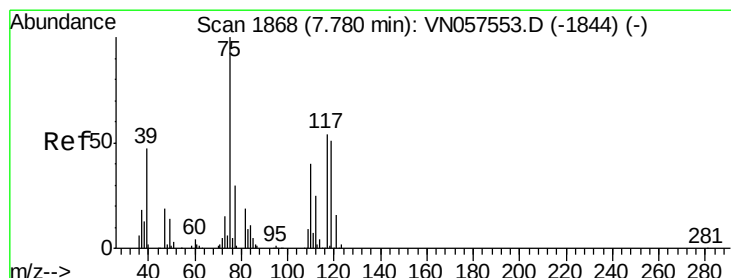
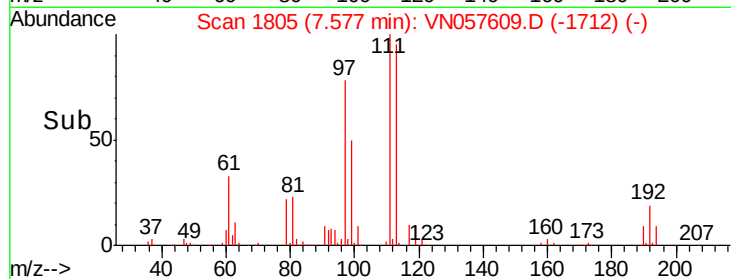
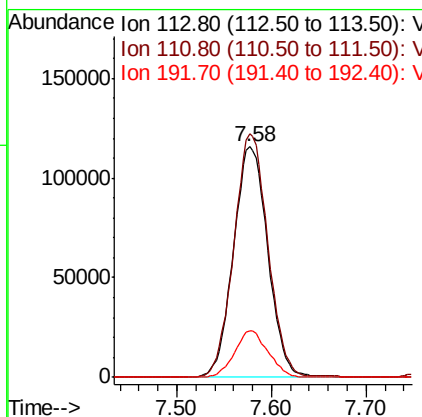
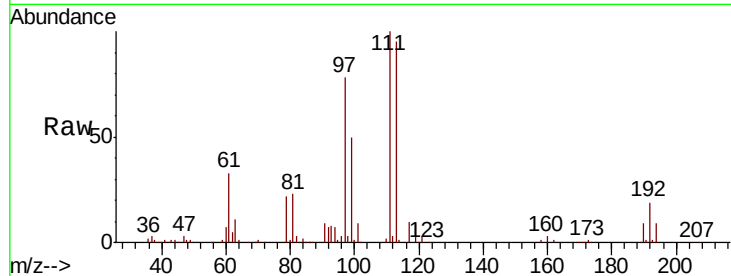




#35
 Dibromofluoromethane
 Concen: 47.451 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

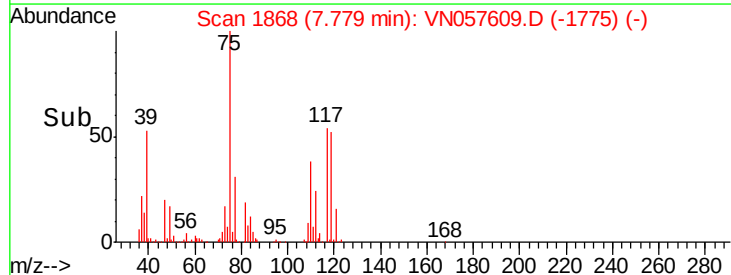
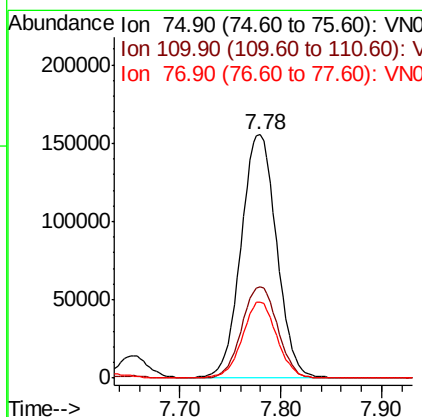
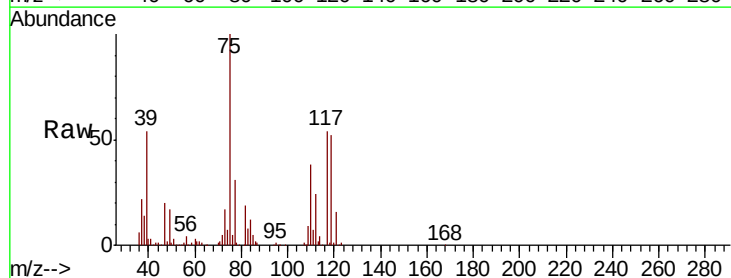
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

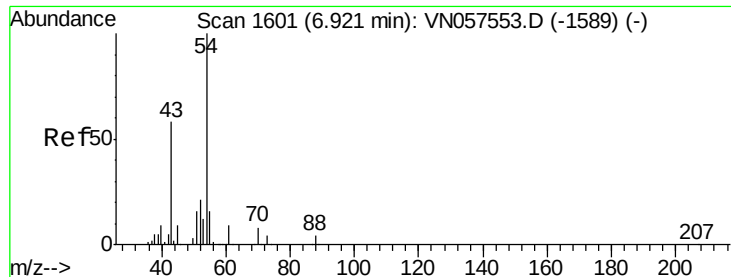
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.8	125.6
192	19.5	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 50.448 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	16.1	48.3
77	30.8	24.8	37.2

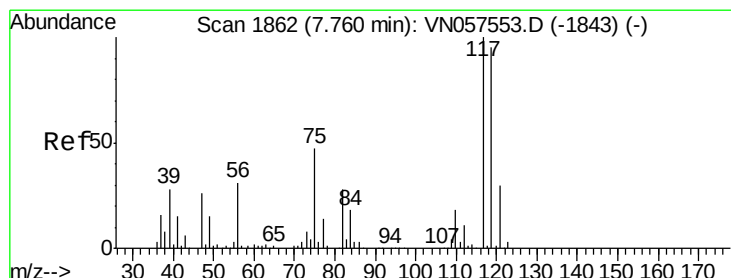
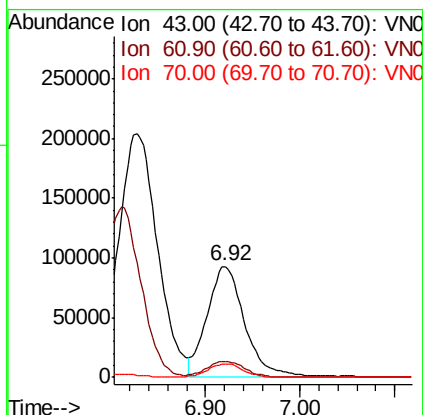
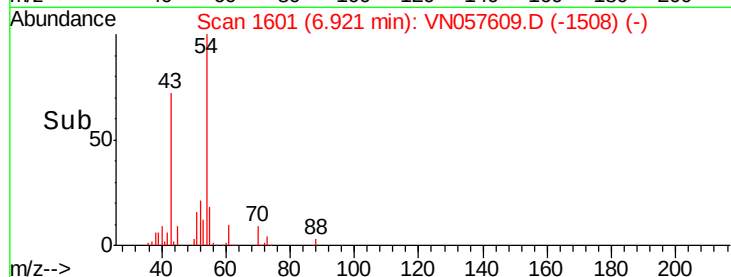
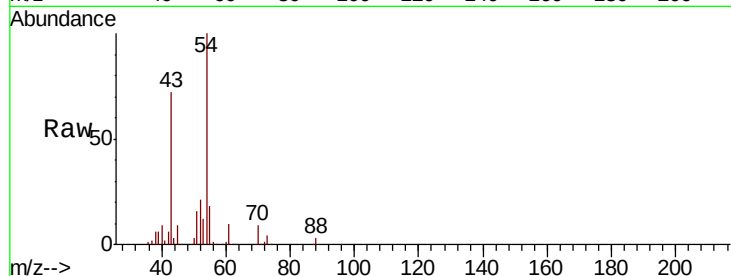




#37
 Ethyl Acetate
 Concen: 51.051 ug/l
 RT: 6.92 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

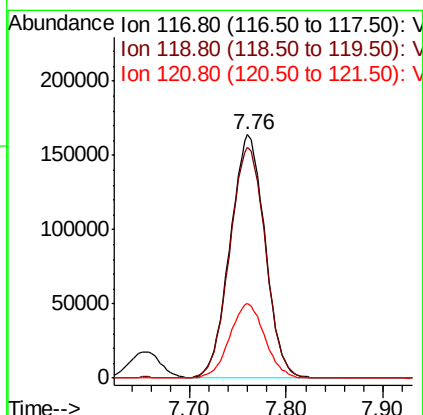
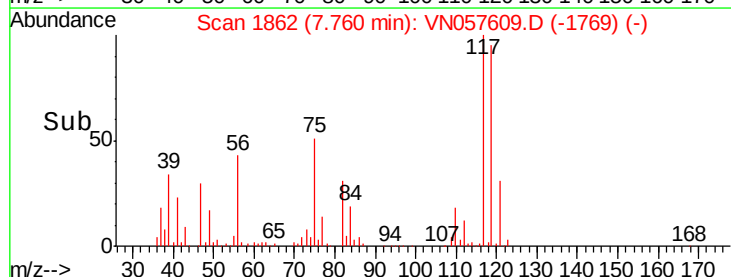
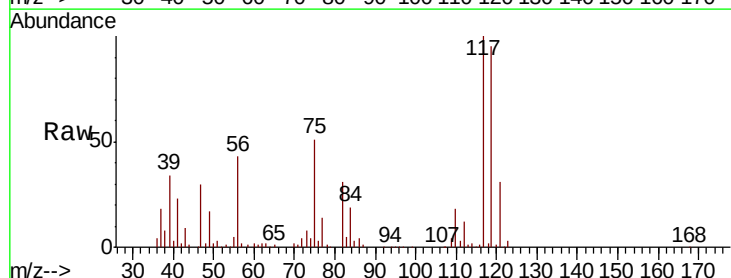
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

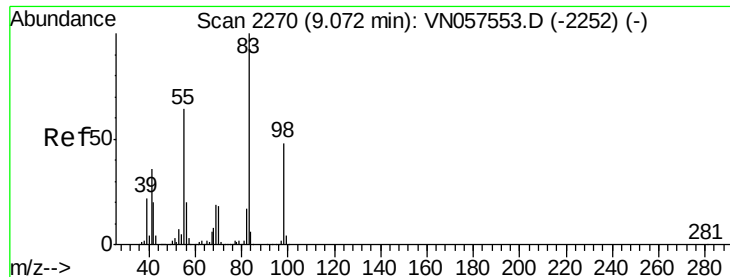
Tgt Ion: 43 Resp: 253501
 Ion Ratio Lower Upper
 43 100
 61 14.1 9.9 14.9
 70 11.9 7.0 10.6#



#38
 Carbon Tetrachloride
 Concen: 46.950 ug/l
 RT: 7.76 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion: 117 Resp: 411485
 Ion Ratio Lower Upper
 117 100
 119 94.8 76.2 114.4
 121 30.5 23.8 35.6

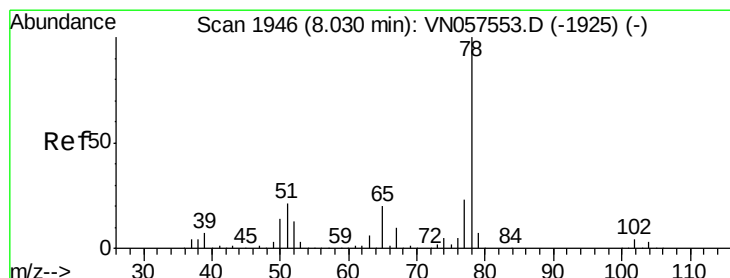
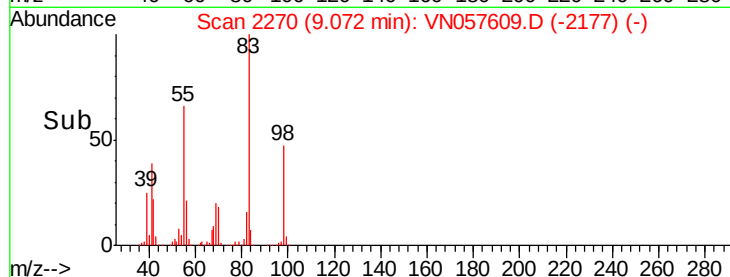
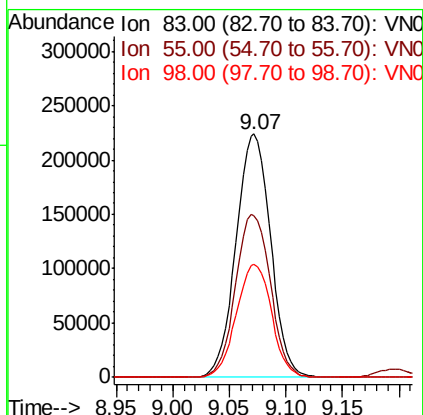
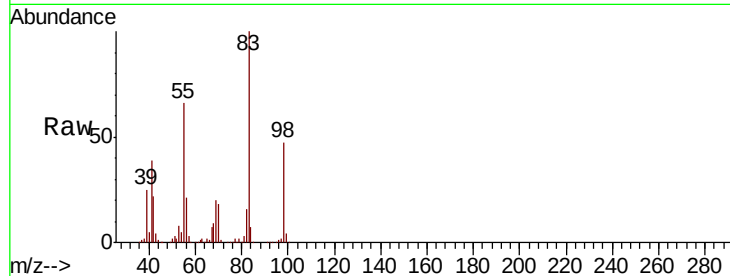




#39
Methylcyclohexane
Concen: 50.104 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

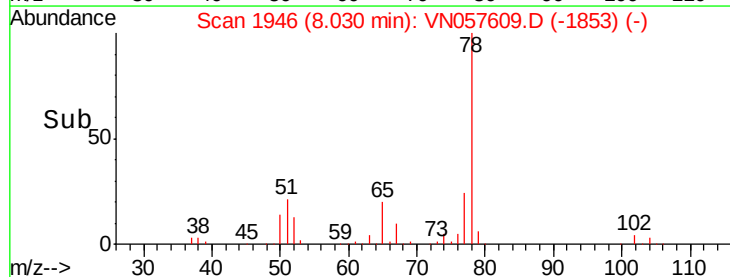
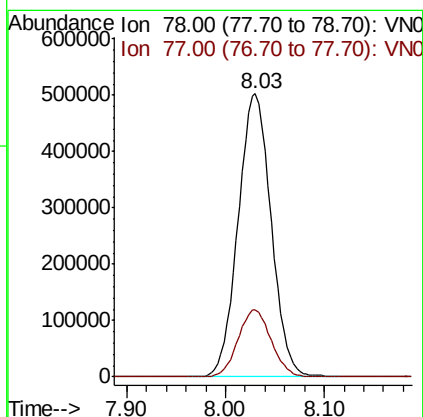
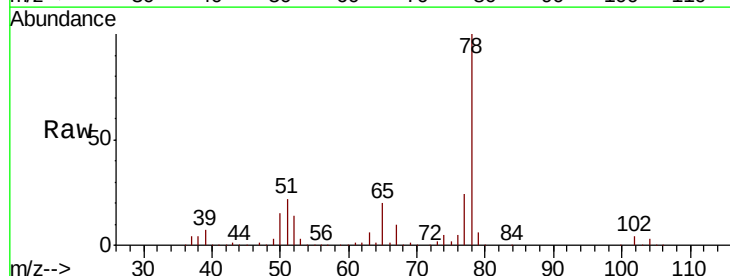
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

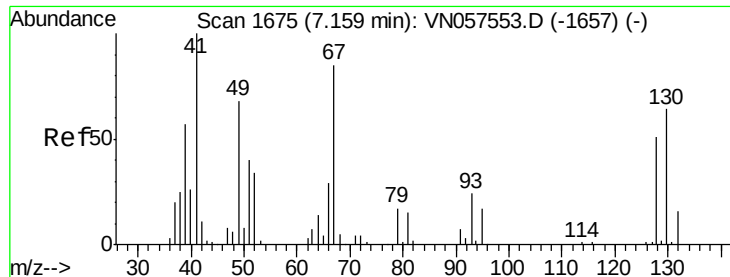
Tgt Ion: 83 Resp: 477775
Ion Ratio Lower Upper
83 100
55 66.5 68.6 102.8#
98 46.7 36.6 54.8



#40
Benzene
Concen: 50.845 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion: 78 Resp: 1166985
Ion Ratio Lower Upper
78 100
77 23.9 18.5 27.7

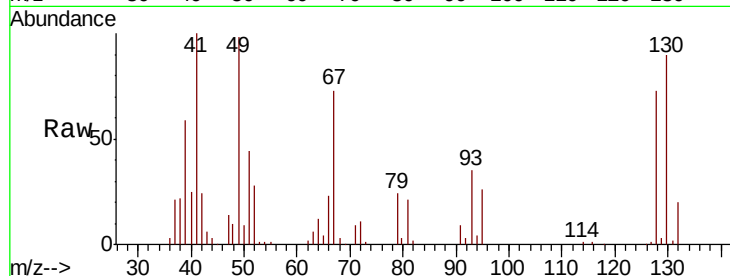




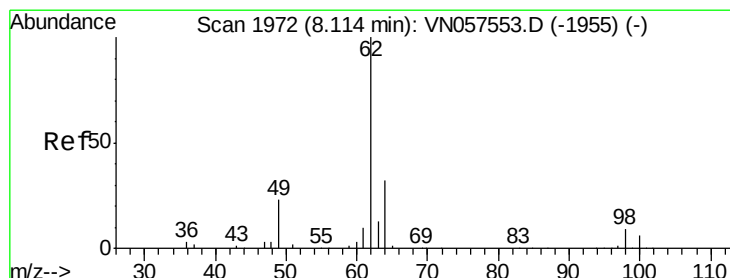
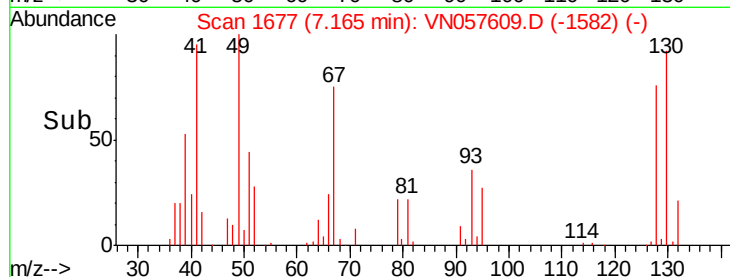
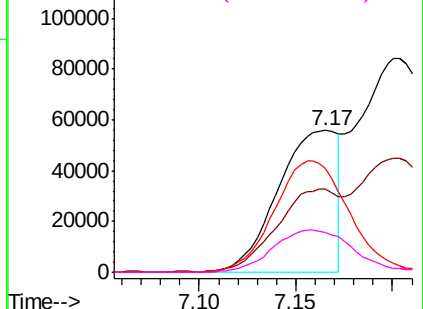
#41
Methacrylonitrile
Concen: 52.711 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 119917
Ion Ratio Lower Upper
41 100
39 58.1 53.6 80.4
67 98.6 65.4 98.2#
52 38.9 29.8 44.6

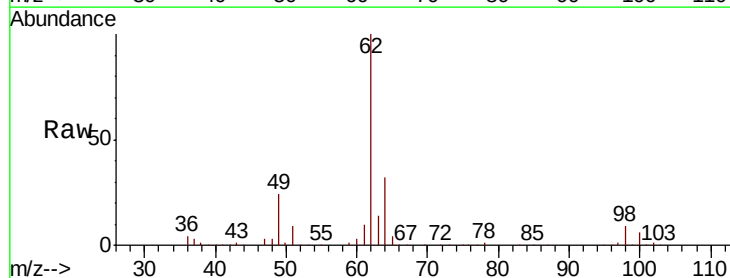


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

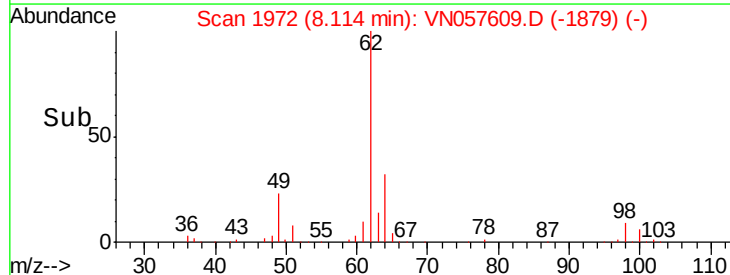
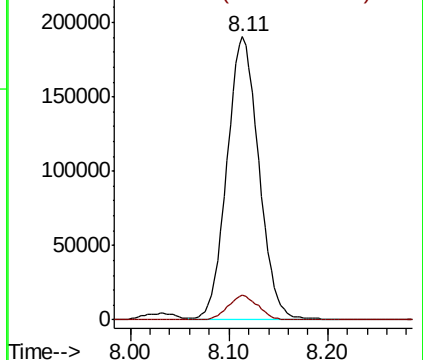


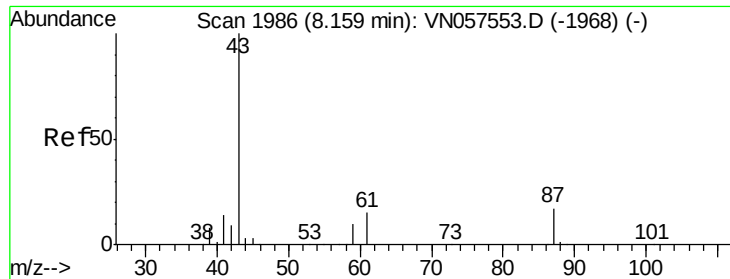
#42
1,2-Dichloroethane
Concen: 52.557 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion: 62 Resp: 429356
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.4



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





#43

Isopropyl Acetate

Concen: 51.259 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

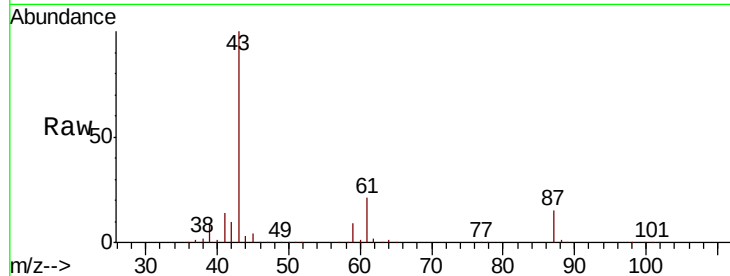
Tgt Ion: 43 Resp: 475099

Ion Ratio Lower Upper

43 100

61 20.4 14.5 21.7

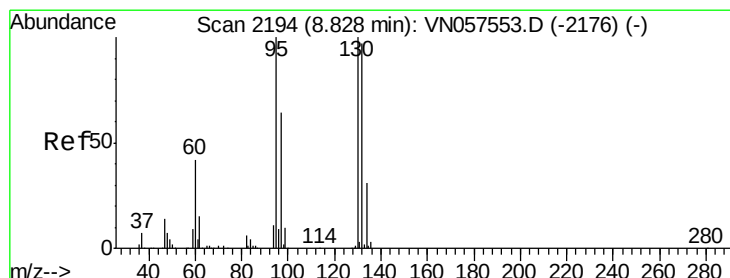
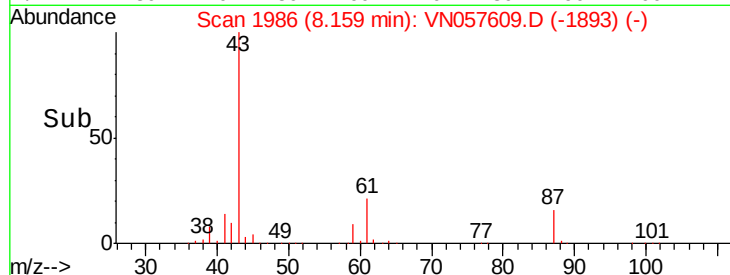
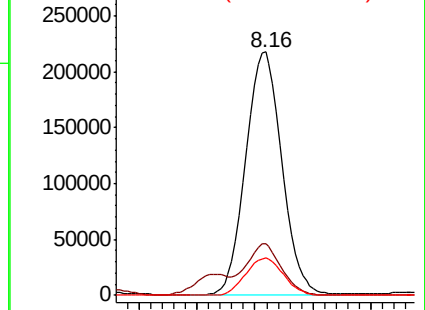
87 15.9 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN057609.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN057609.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN057609.D (-1893) (-)



#44

Trichloroethene

Concen: 51.694 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057609.D

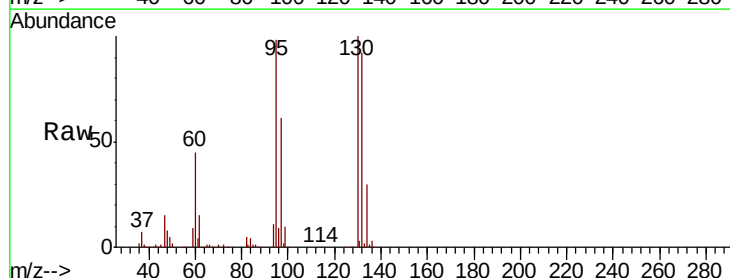
Acq: 31 Aug 2019 00:16

Tgt Ion: 130 Resp: 327635

Ion Ratio Lower Upper

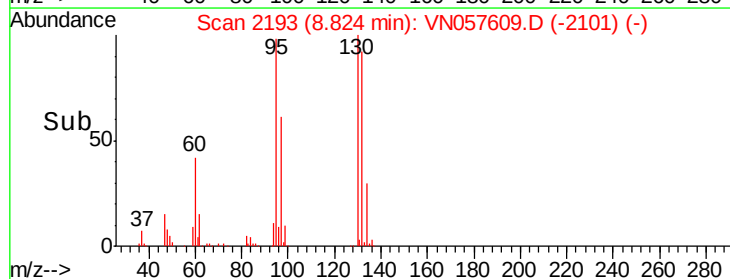
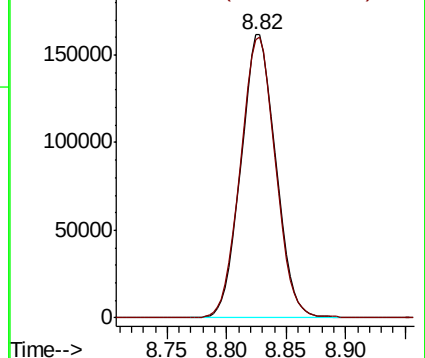
130 100

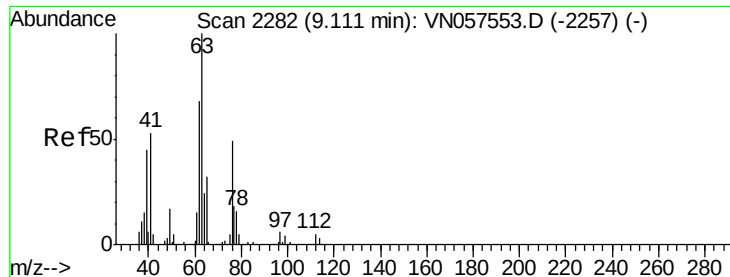
95 98.5 0.0 231.6



Abundance Ion 129.80 (129.50 to 130.50): VN057609.D (-2101) (-)

Ion 94.90 (94.60 to 95.60): VN057609.D (-2101) (-)

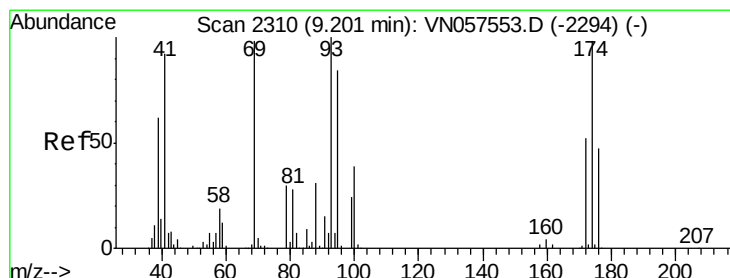
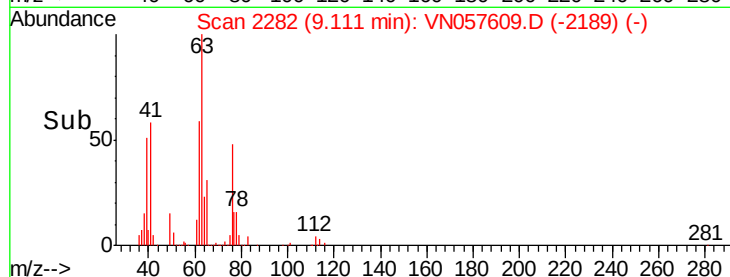
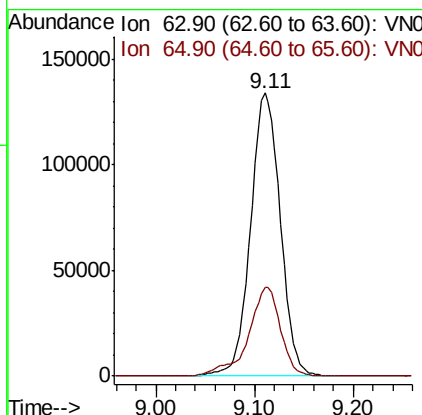
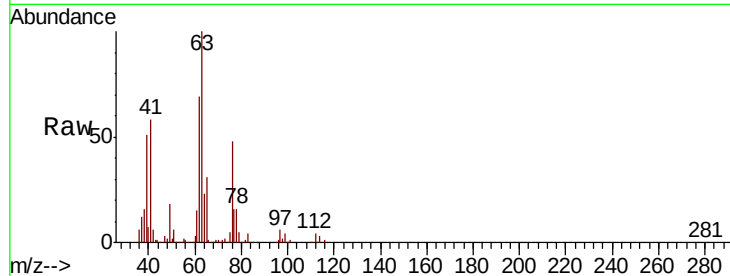




#45
 1,2-Dichloropropane
 Concen: 51.762 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

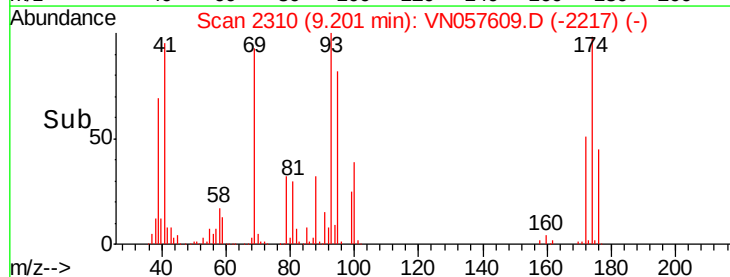
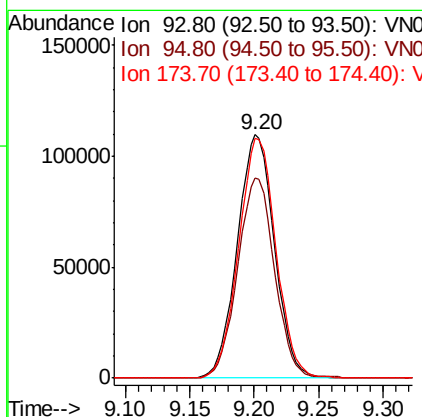
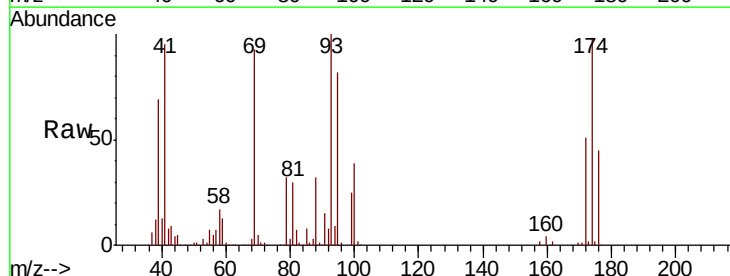
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

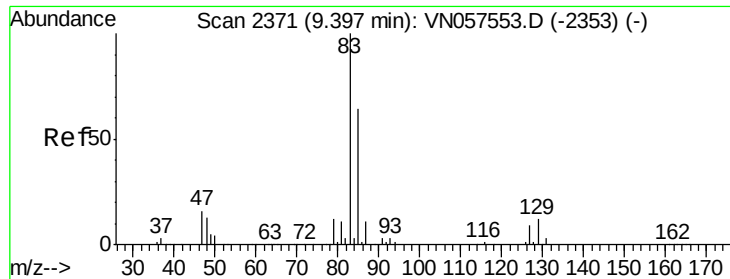
Tgt Ion: 63 Resp: 277616
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.7 37.1



#46
 Dibromomethane
 Concen: 52.263 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion: 93 Resp: 219802
 Ion Ratio Lower Upper
 93 100
 95 81.6 64.7 97.1
 174 99.1 62.3 93.5#

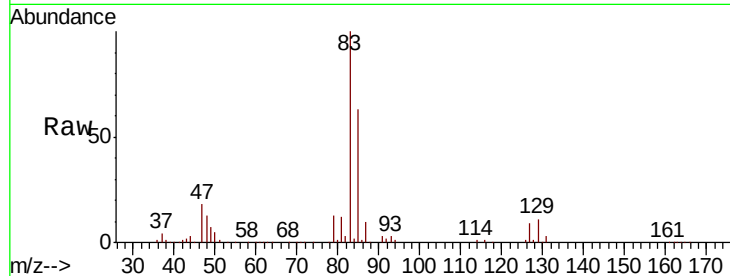




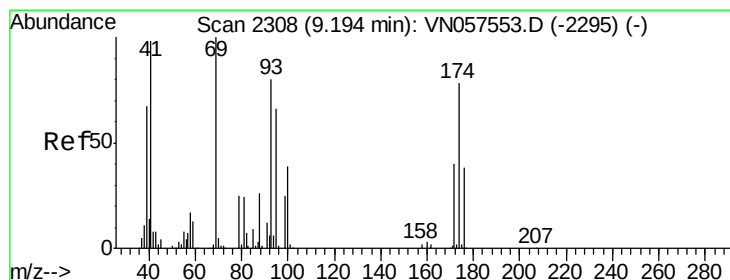
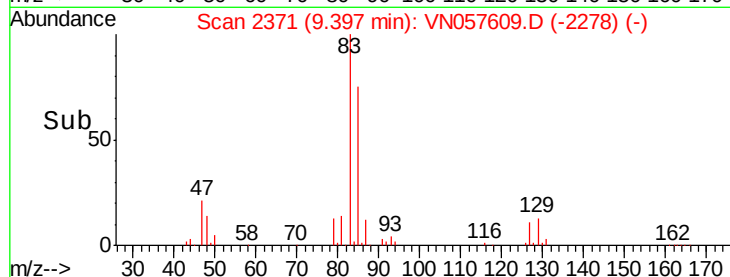
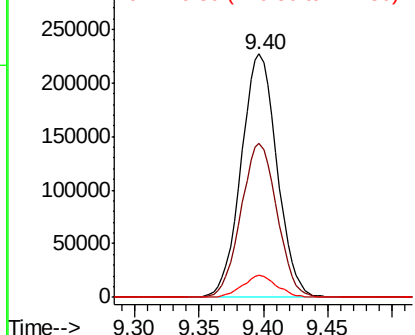
#47
Bromodichloromethane
Concen: 50.676 ug/l
RT: 9.40 min Scan# 2371
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 439390
Ion Ratio Lower Upper
83 100
85 63.3 51.2 76.8
127 9.0 6.6 10.0

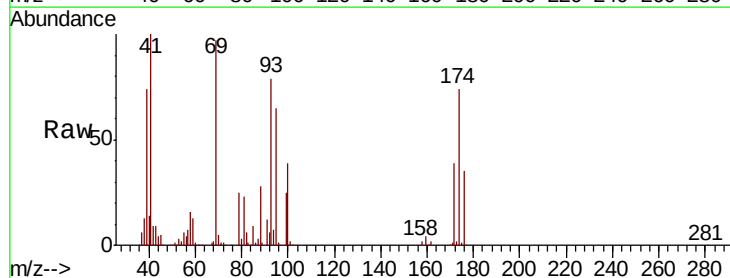


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

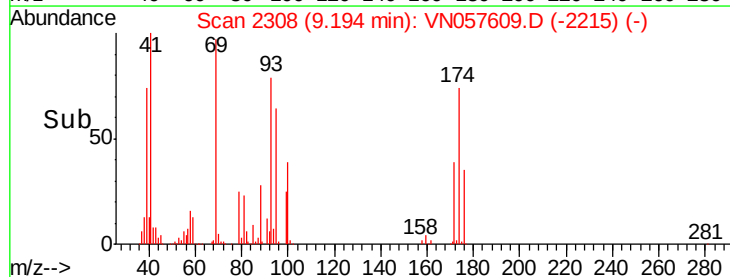
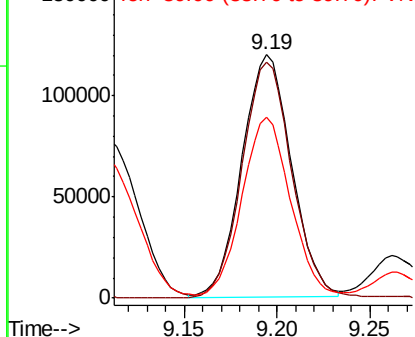


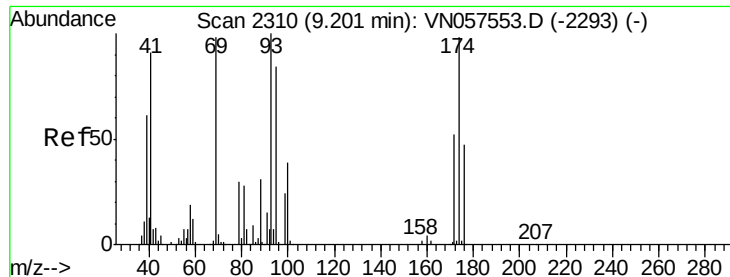
#48
Methyl methacrylate
Concen: 51.140 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion: 41 Resp: 223865
Ion Ratio Lower Upper
41 100
69 98.0 59.3 88.9#
39 73.3 50.6 75.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1037.943 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

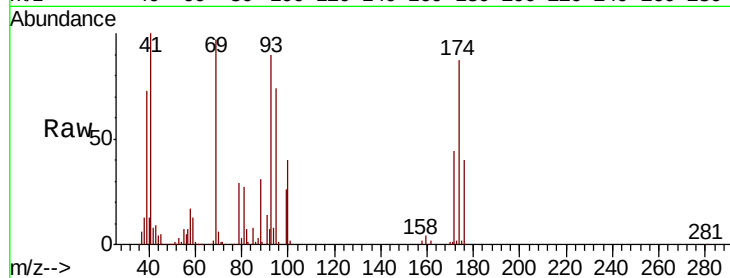
Tgt Ion: 88 Resp: 82917

Ion Ratio Lower Upper

88 100

43 25.3 31.0 46.6#

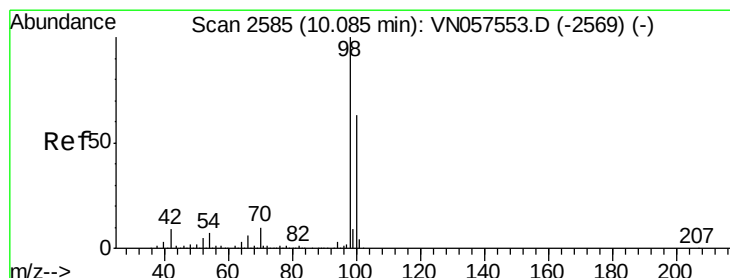
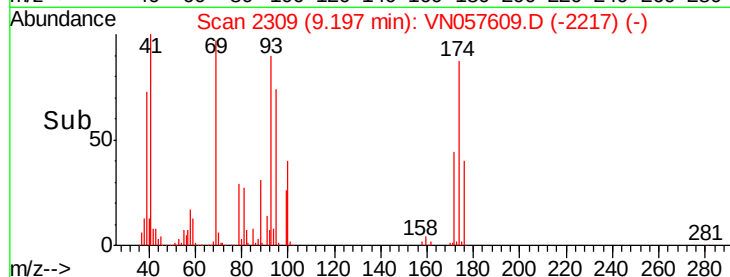
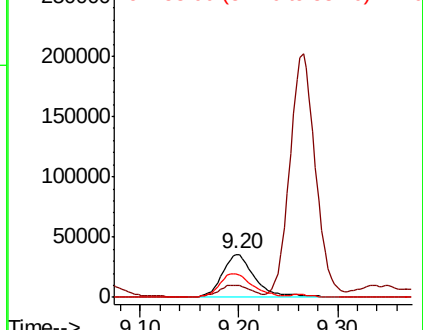
58 55.9 64.5 96.7#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 55.929 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057609.D

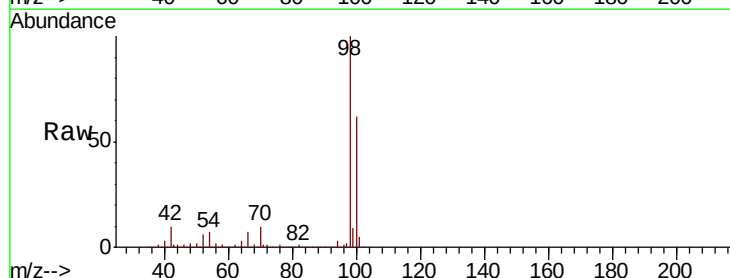
Acq: 31 Aug 2019 00:16

Tgt Ion: 98 Resp: 1225060

Ion Ratio Lower Upper

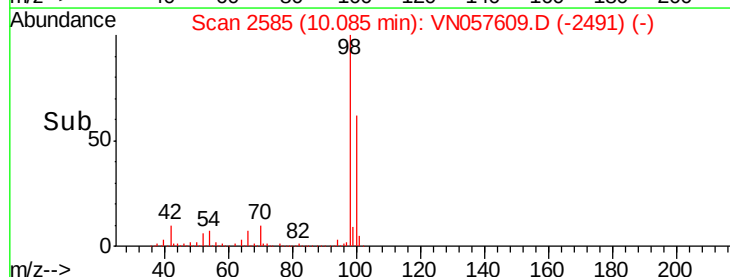
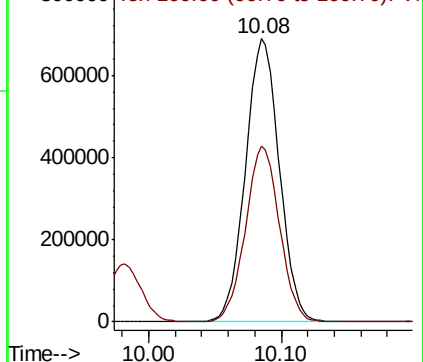
98 100

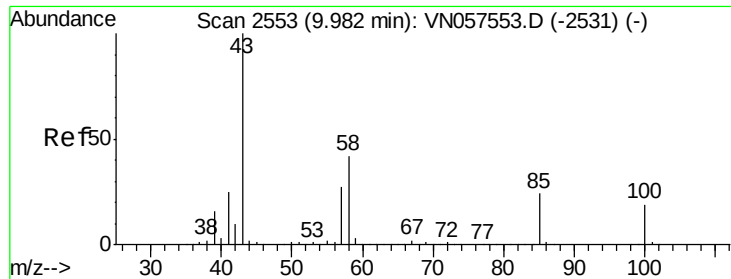
100 62.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

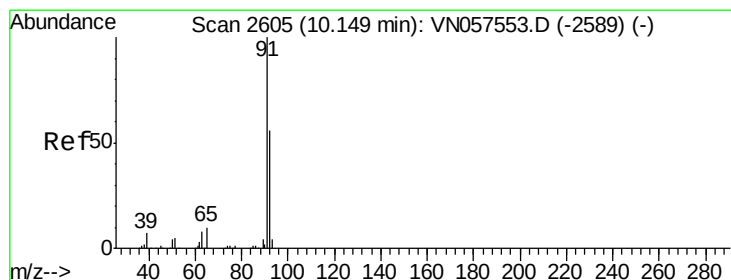
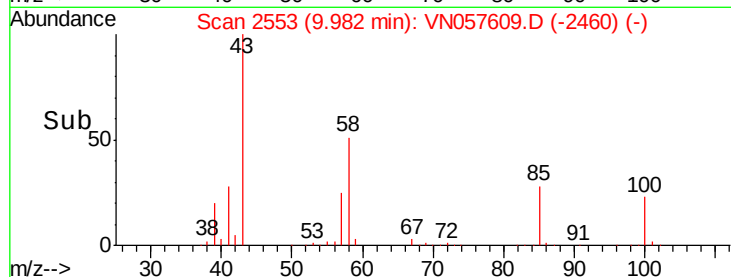
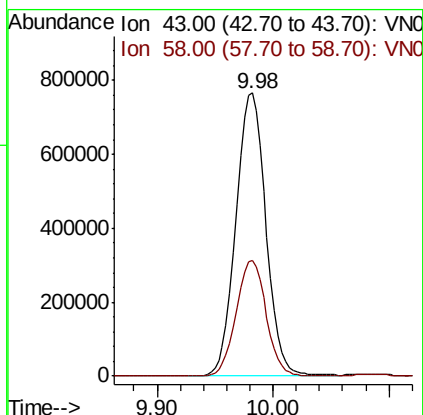
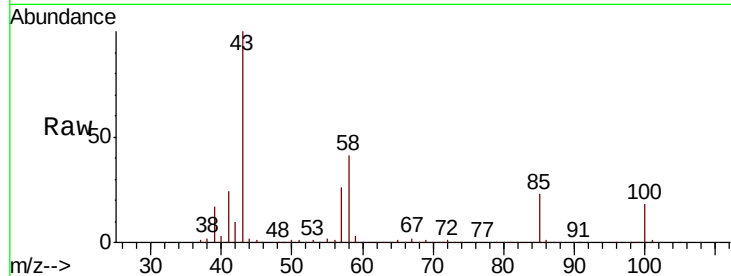




#51
 4-Methyl-2-Pentanone
 Concen: 276.955 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

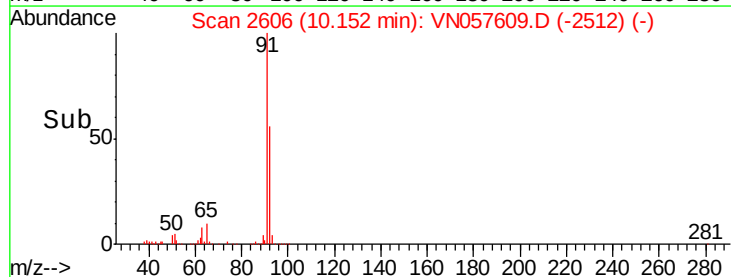
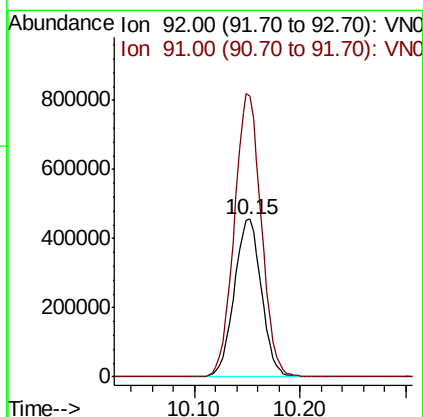
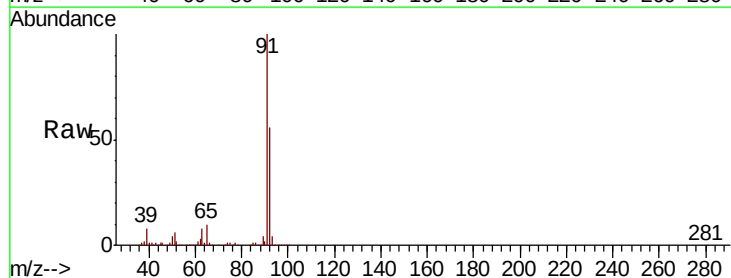
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

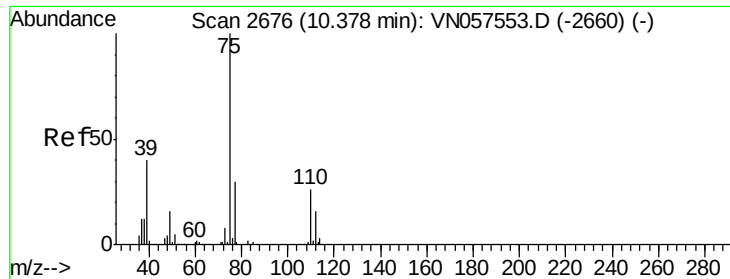
Tgt Ion: 43 Resp: 1371945
 Ion Ratio Lower Upper
 43 100
 58 41.0 27.9 41.9



#52
 Toluene
 Concen: 54.639 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion: 92 Resp: 812473
 Ion Ratio Lower Upper
 92 100
 91 178.5 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 50.495 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

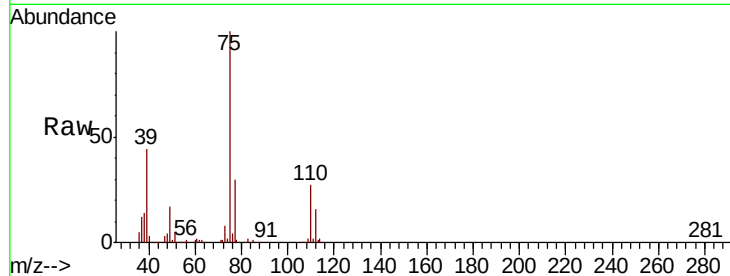
VSTDCCC050EC

Tgt Ion: 75 Resp: 423112

Ion Ratio Lower Upper

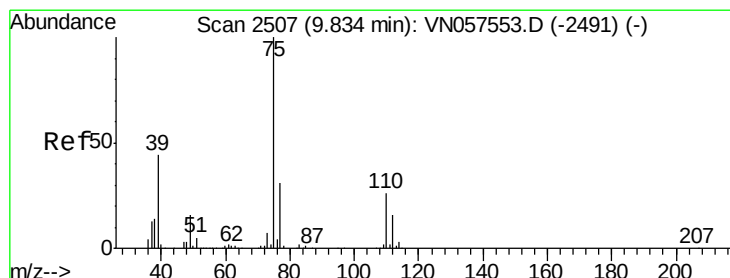
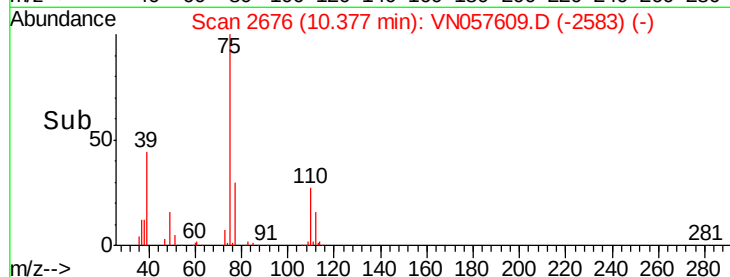
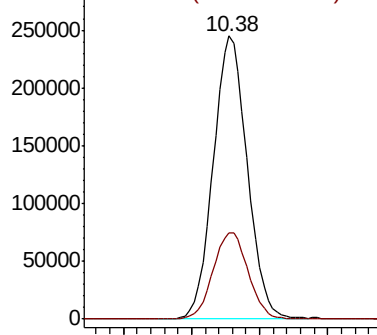
75 100

77 30.3 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 49.985 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

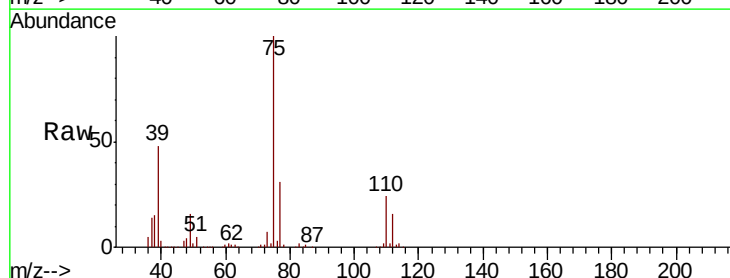
Tgt Ion: 75 Resp: 453647

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

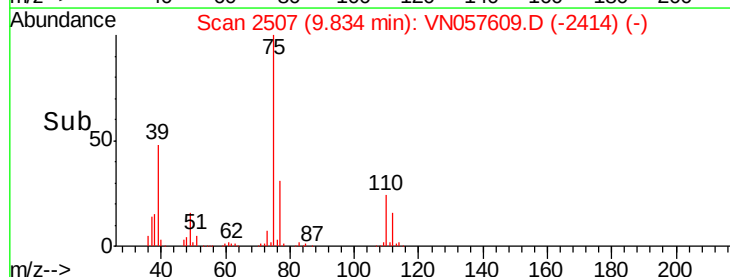
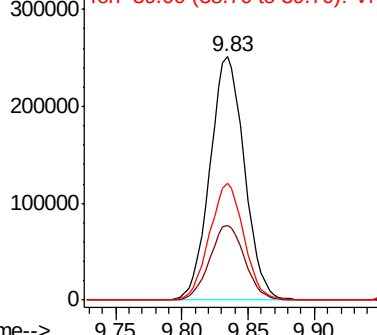
39 48.0 49.2 73.8#

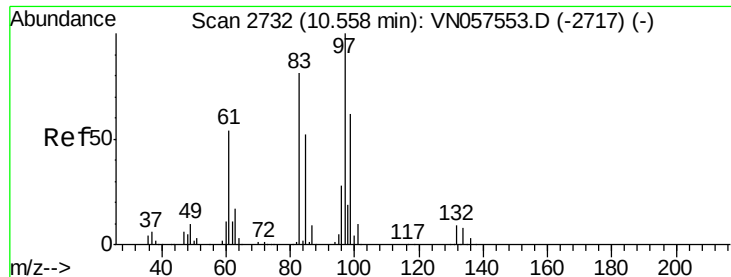


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 53.505 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 305994

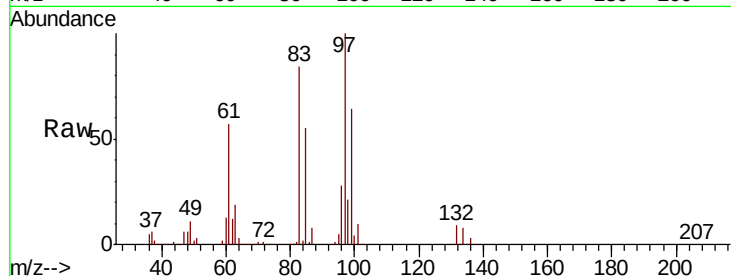
Ion Ratio Lower Upper

97 100

83 84.4 73.7 110.5

85 55.3 46.8 70.2

99 64.0 49.8 74.8

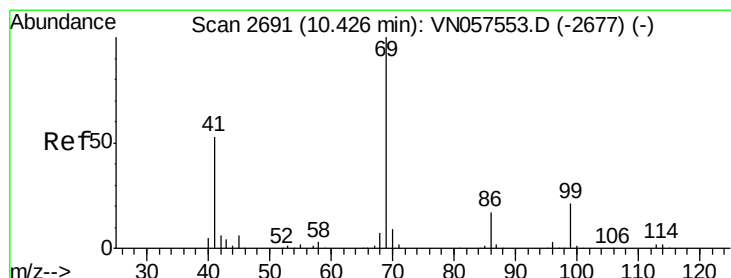
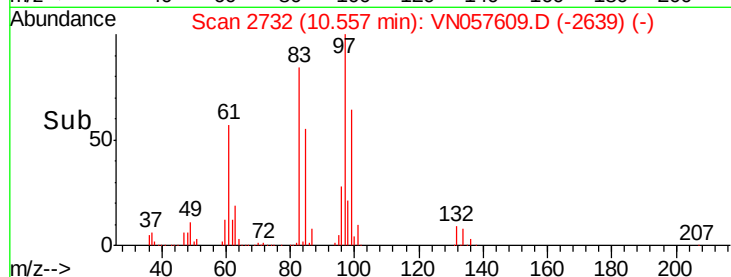
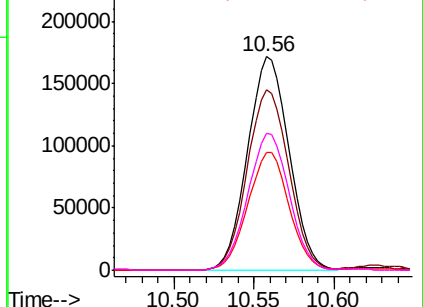


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 53.560 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

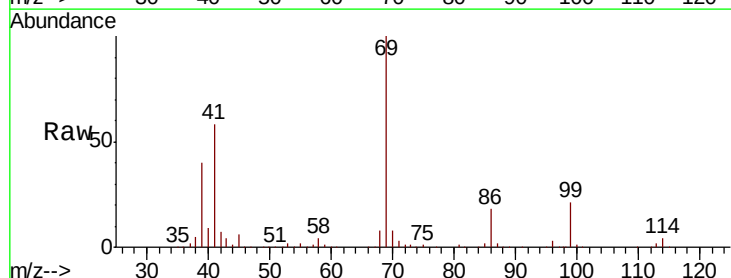
Tgt Ion: 69 Resp: 407708

Ion Ratio Lower Upper

69 100

41 56.6 60.8 91.2#

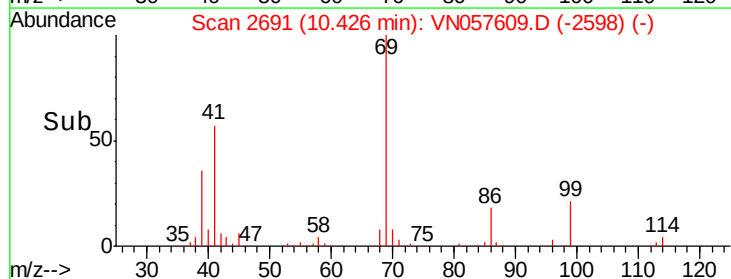
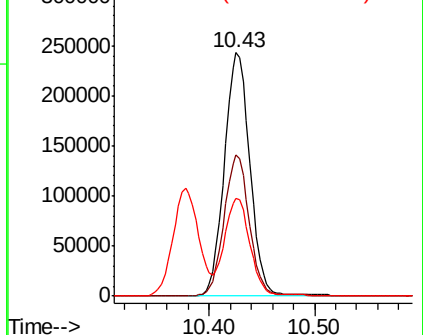
39 39.3 36.5 54.7

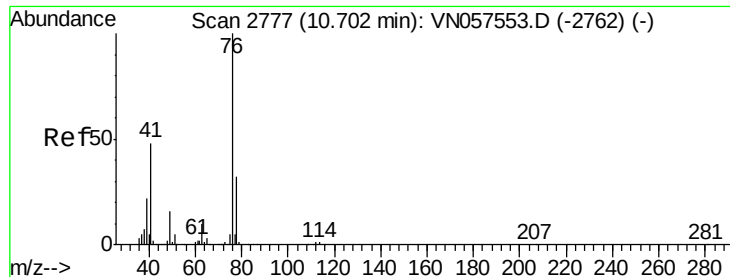


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

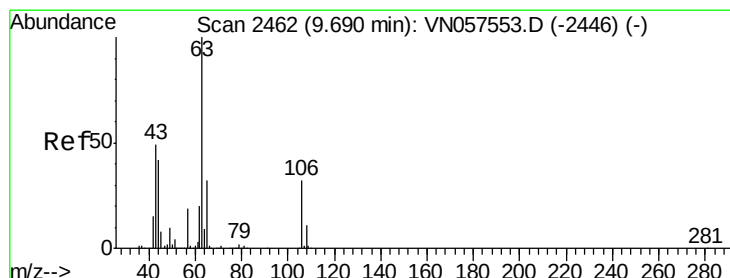
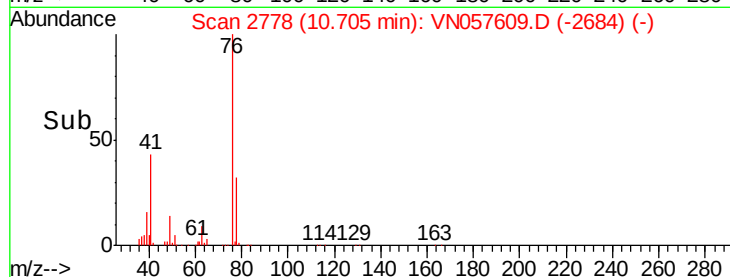
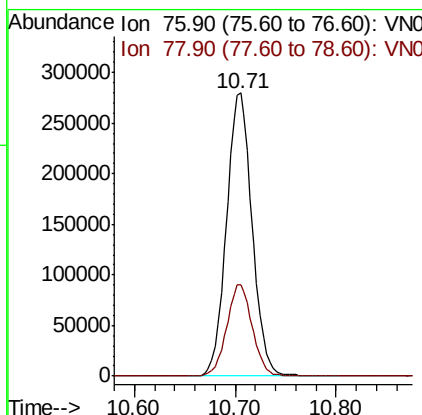
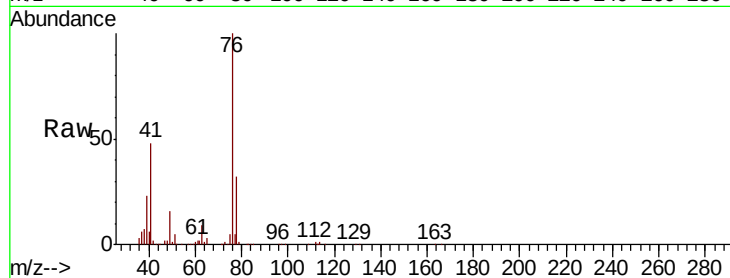




#57
 1,3-Dichloropropane
 Concen: 54.210 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

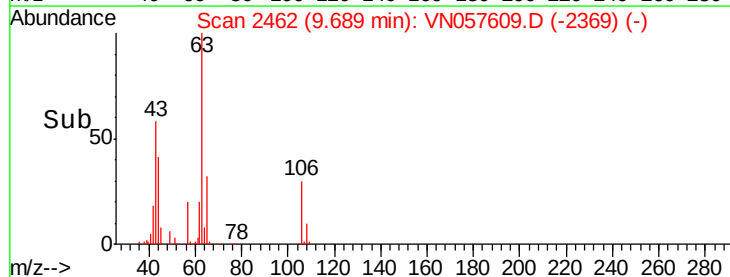
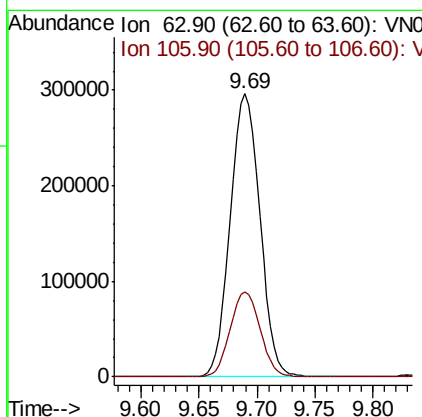
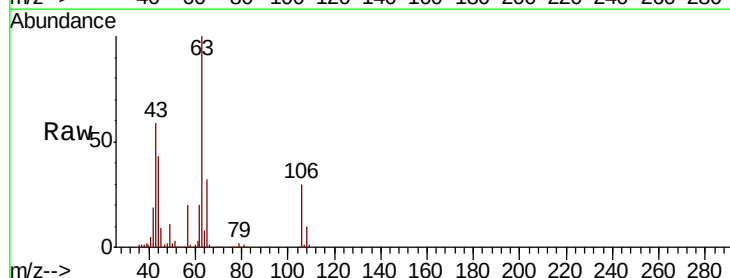
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

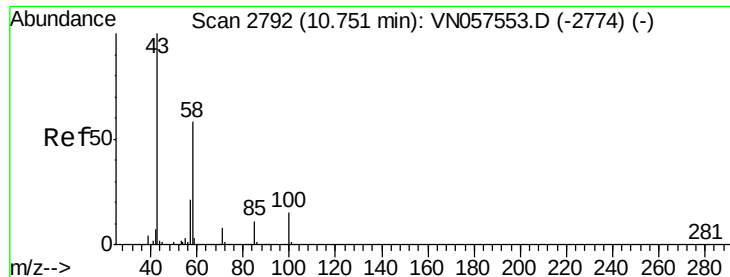
Tgt Ion: 76 Resp: 495265
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 294.248 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion: 63 Resp: 525506
 Ion Ratio Lower Upper
 63 100
 106 30.3 18.6 27.8#

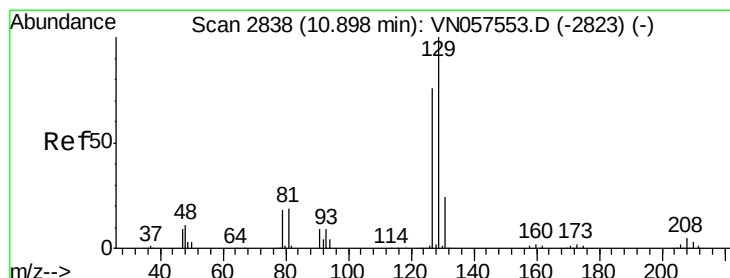
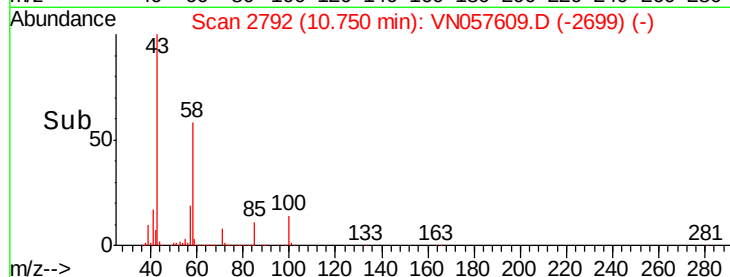
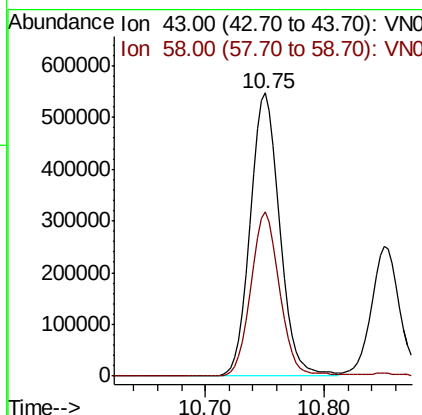
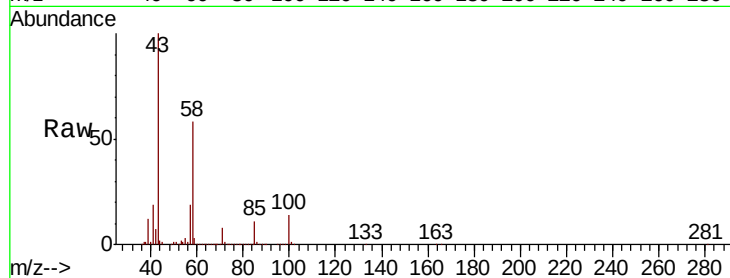




#59
2-Hexanone
Concen: 273.989 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

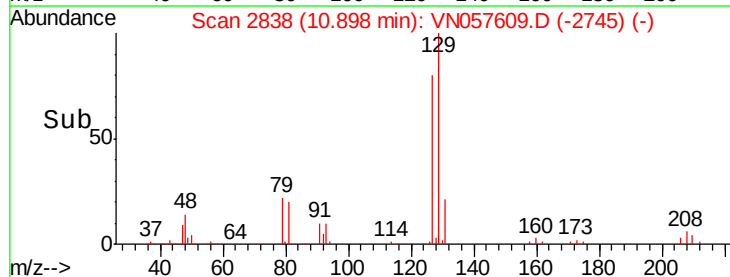
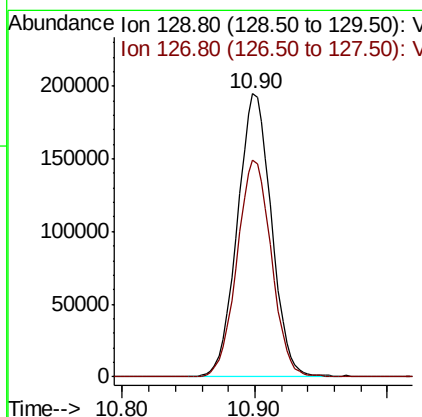
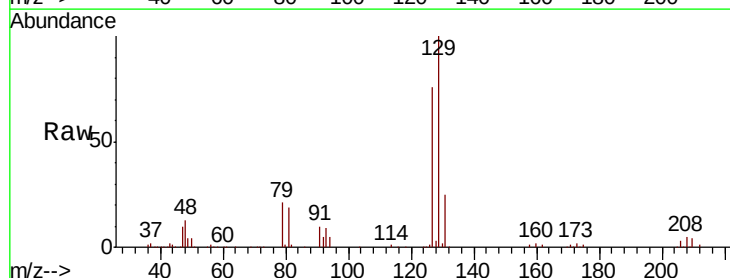
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

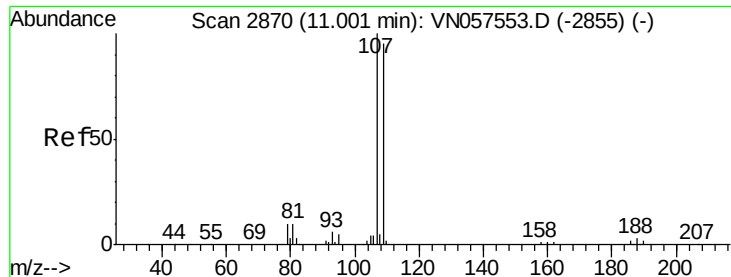
Tgt Ion: 43 Resp: 937065
Ion Ratio Lower Upper
43 100
58 57.1 24.6 73.6



#60
Dibromochloromethane
Concen: 53.385 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion: 129 Resp: 348251
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9

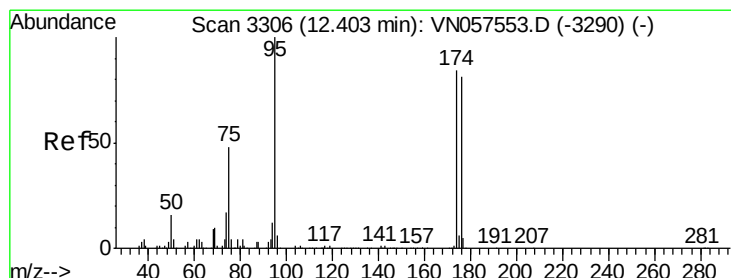
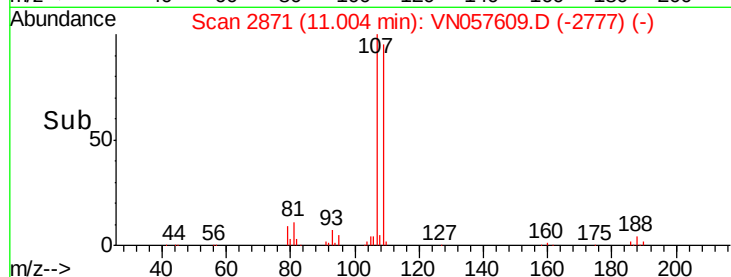
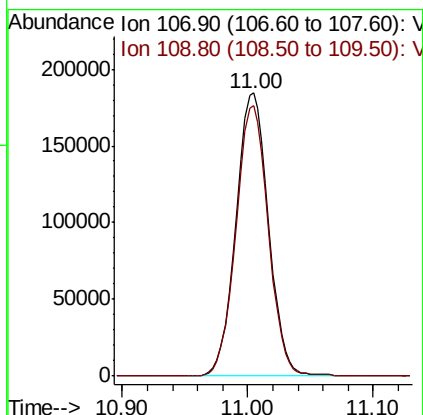
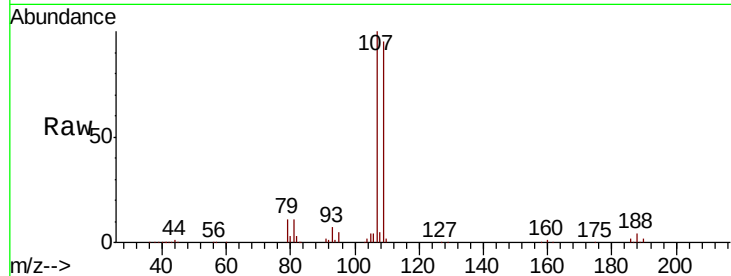




#61
 1,2-Dibromoethane
 Concen: 55.604 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

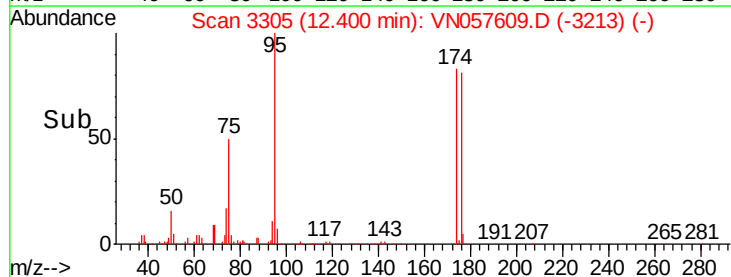
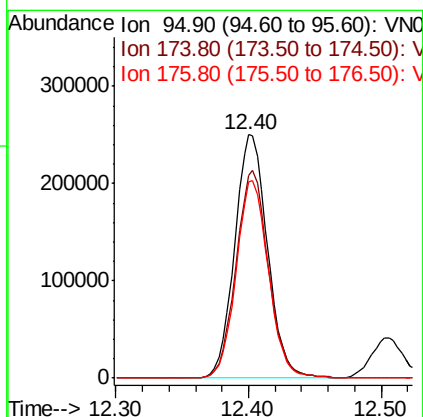
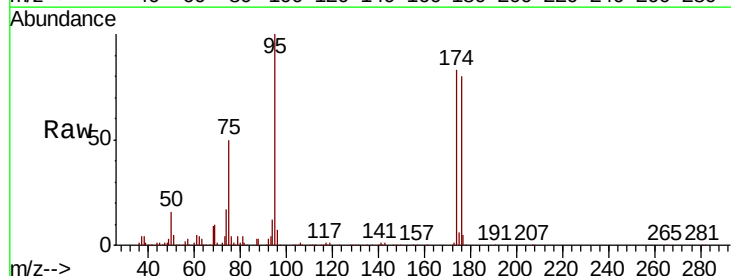
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

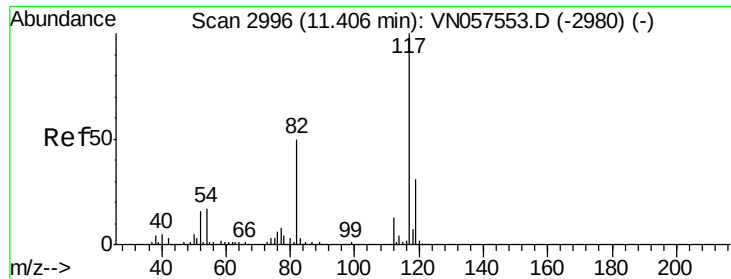
Tgt Ion: 107 Resp: 332765
 Ion Ratio Lower Upper
 107 100
 109 95.1 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 58.483 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion: 95 Resp: 430003
 Ion Ratio Lower Upper
 95 100
 174 84.5 0.0 133.0
 176 80.1 0.0 130.8

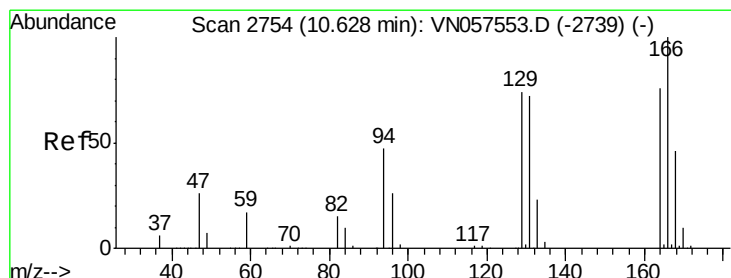
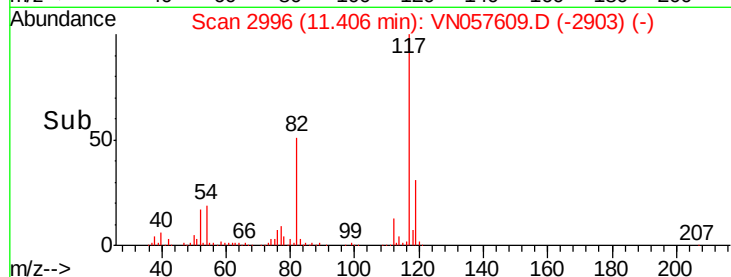
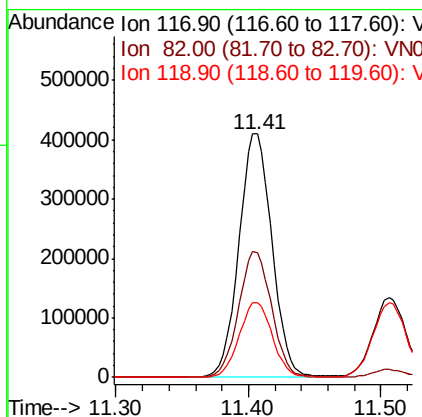
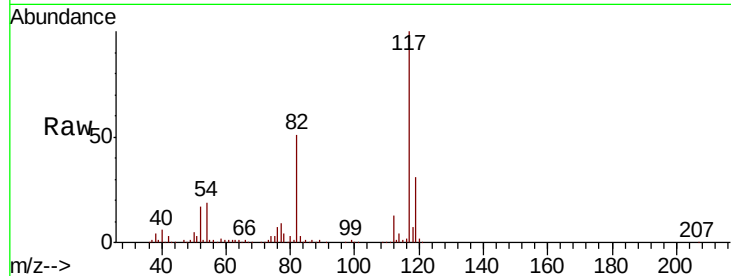




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

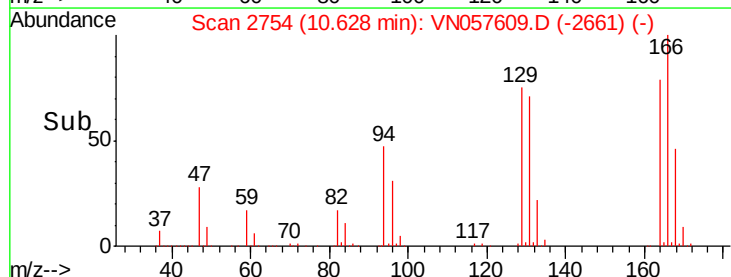
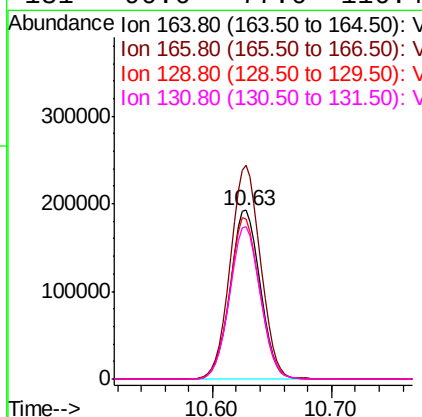
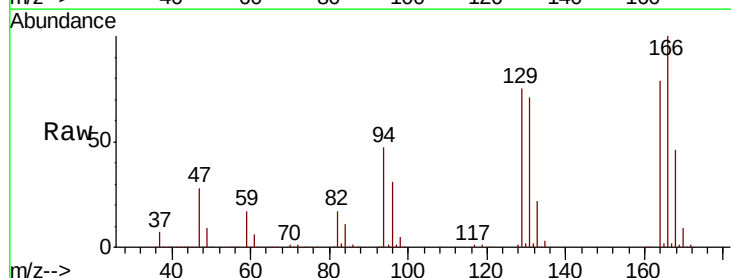
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

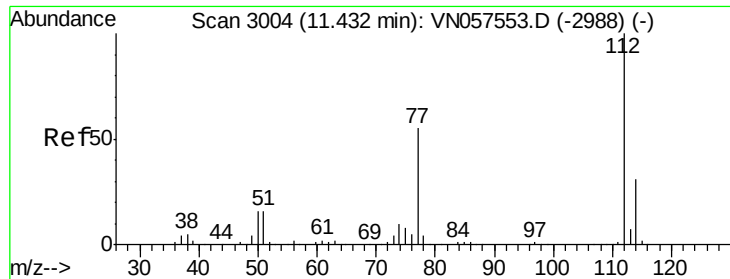
Tgt Ion:117 Resp: 710840
Ion Ratio Lower Upper
117 100
82 51.0 50.6 75.8
119 30.9 24.6 36.8



#64
Tetrachloroethene
Concen: 46.331 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion:164 Resp: 338252
Ion Ratio Lower Upper
164 100
166 126.8 104.4 156.6
129 95.2 86.6 130.0
131 90.6 77.6 116.4

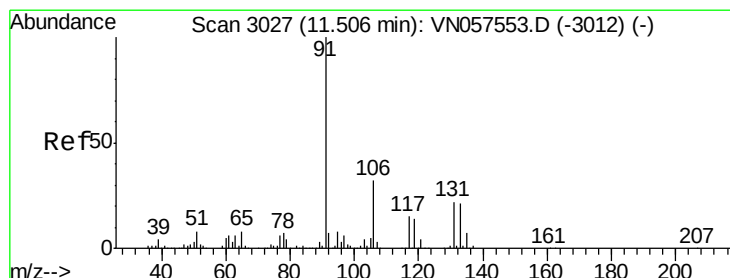
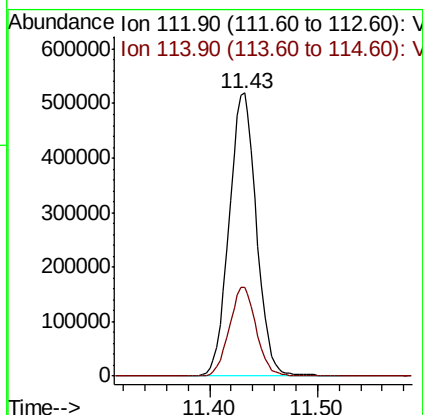
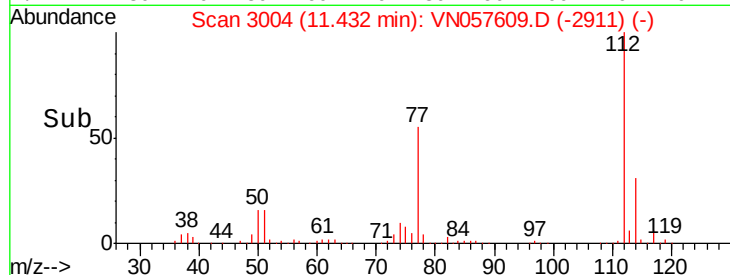
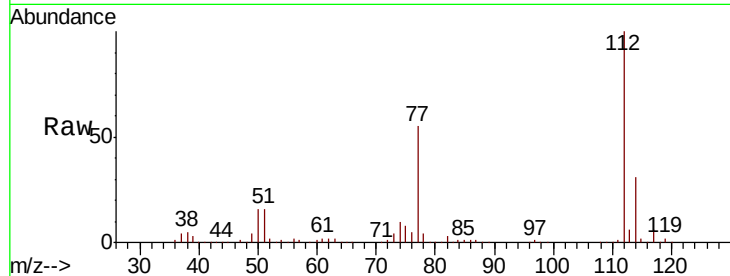




#65
Chlorobenzene
Concen: 51.383 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

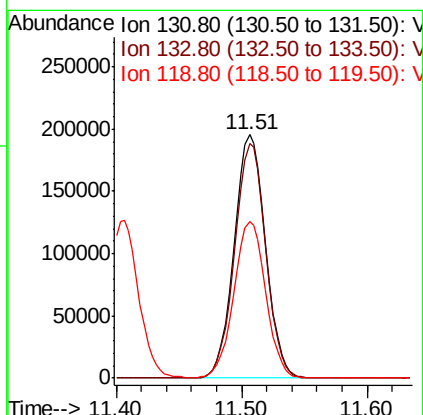
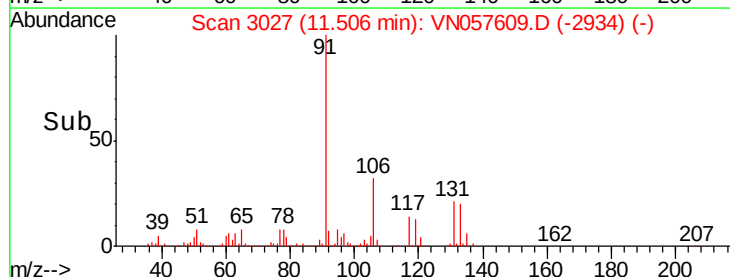
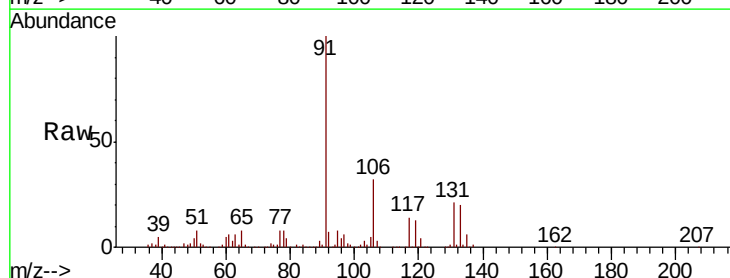
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

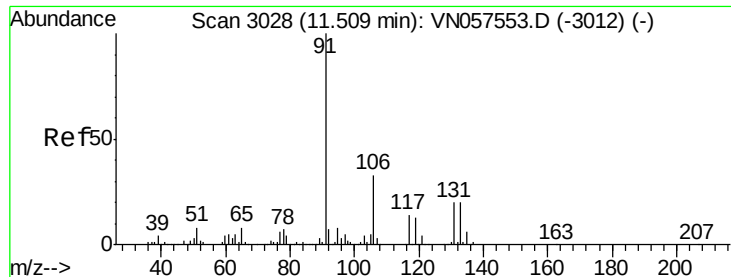
Tgt Ion:112 Resp: 916782
Ion Ratio Lower Upper
112 100
114 31.5 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.190 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion:131 Resp: 339092
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 65.4 34.4 103.2

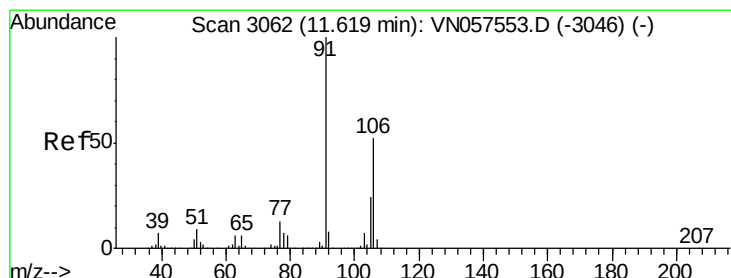
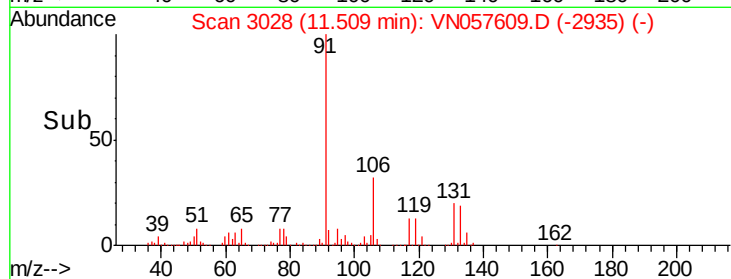
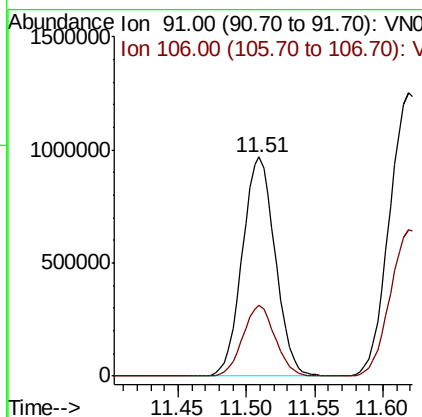
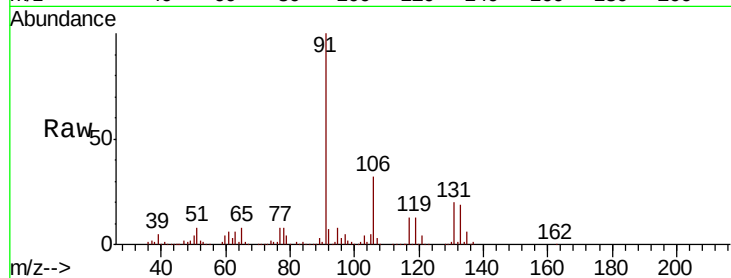




#67
Ethyl Benzene
Concen: 51.795 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

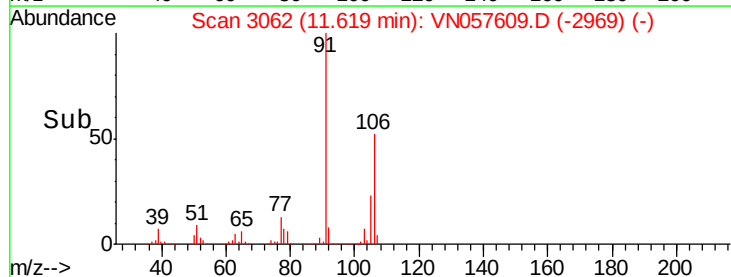
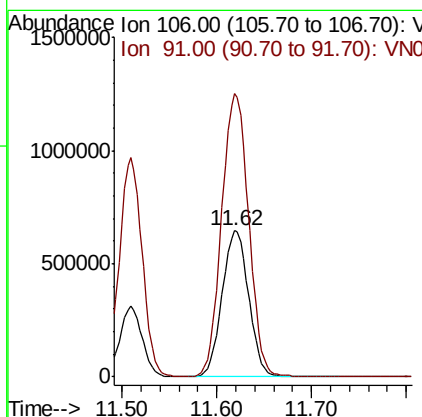
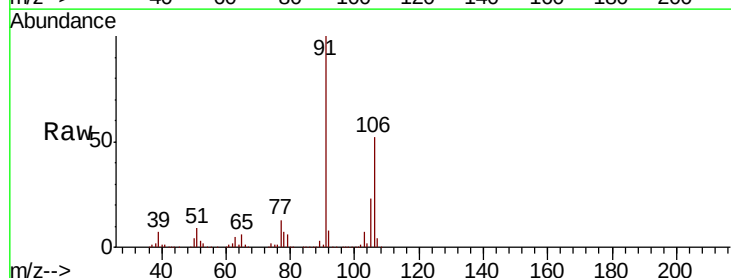
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

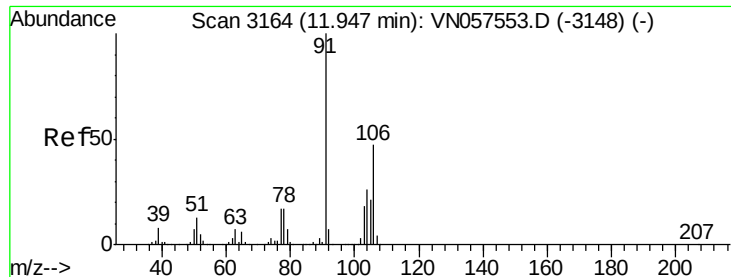
Tgt Ion: 91 Resp: 1622880
Ion Ratio Lower Upper
91 100
106 32.1 24.1 36.1



#68
m/p-Xylenes
Concen: 105.739 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion: 106 Resp: 1261848
Ion Ratio Lower Upper
106 100
91 197.3 171.8 257.6

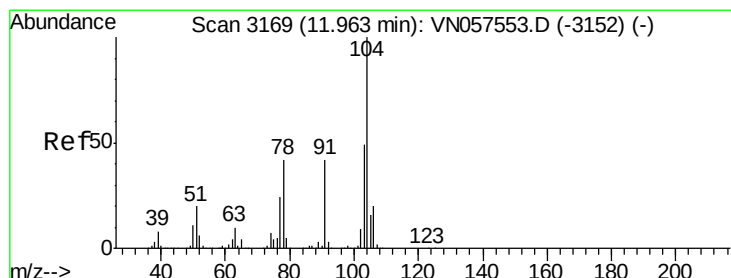
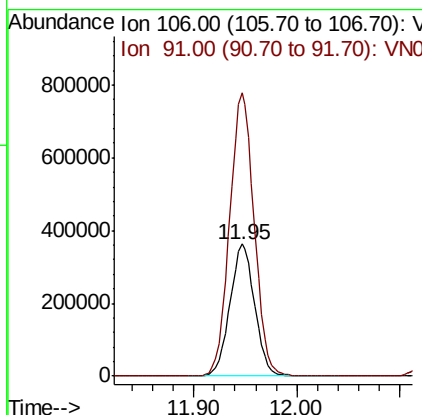
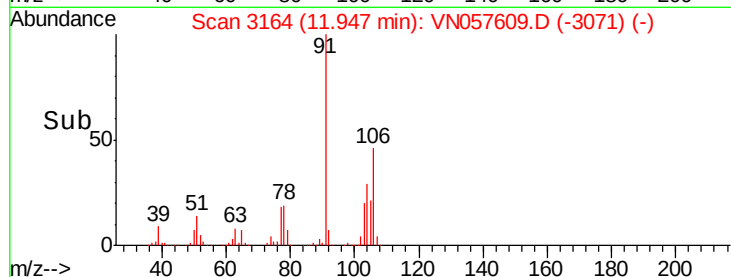
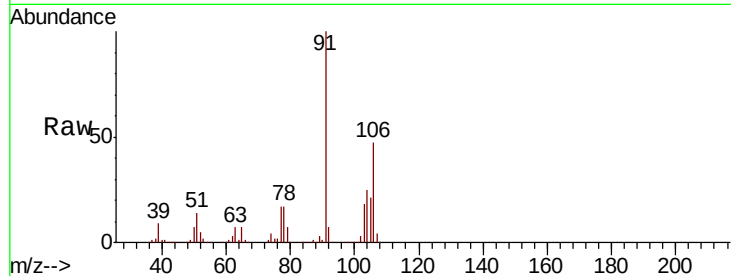




#69
o-Xylene
Concen: 50.422 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

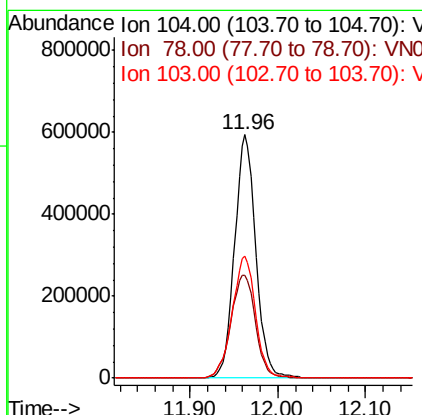
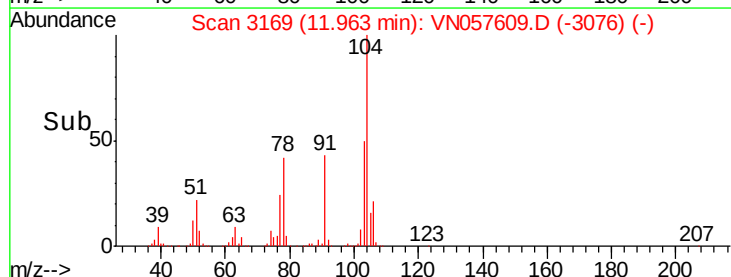
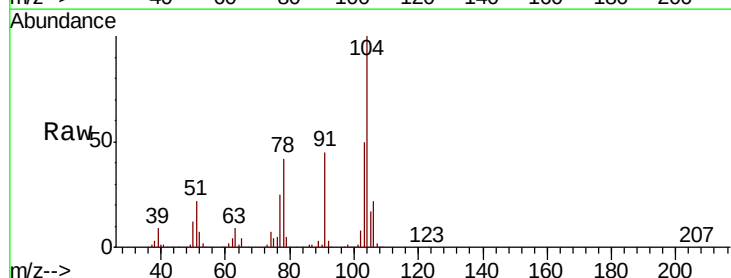
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

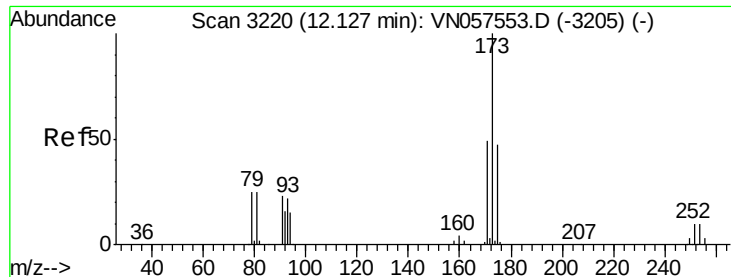
Tgt Ion:106 Resp: 604253
Ion Ratio Lower Upper
106 100
91 213.8 112.3 336.9



#70
Styrene
Concen: 55.275 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion:104 Resp: 999857
Ion Ratio Lower Upper
104 100
78 49.2 44.7 67.1
103 55.3 44.4 66.6

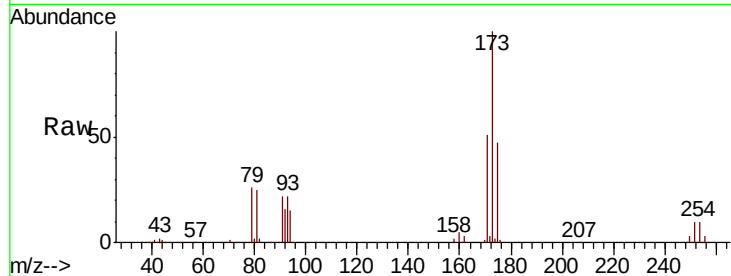




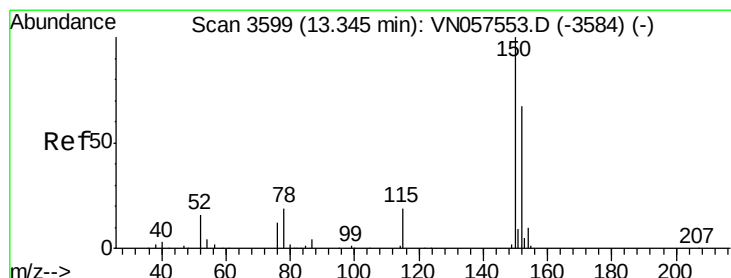
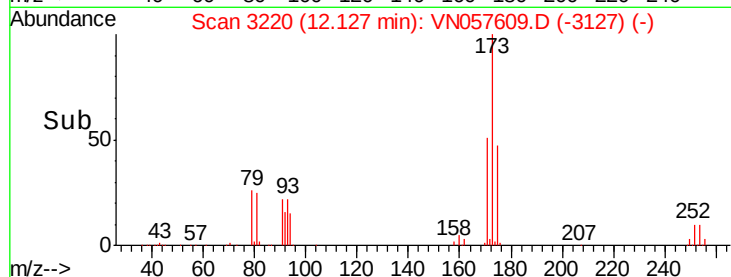
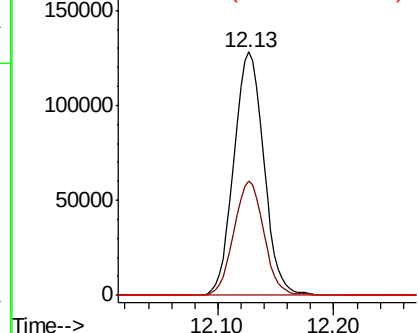
#71
Bromoform
Concen: 48.609 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 228327
Ion Ratio Lower Upper
173 100
175 47.1 23.9 71.8
254 0.1 0.1 0.1

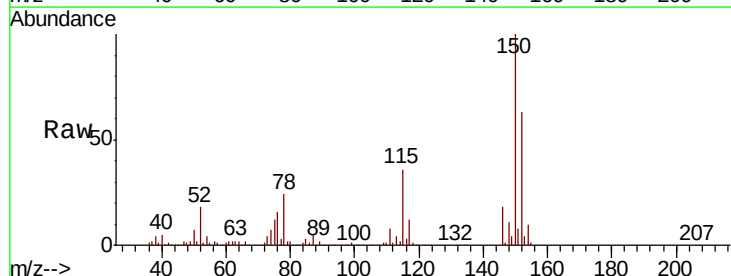


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

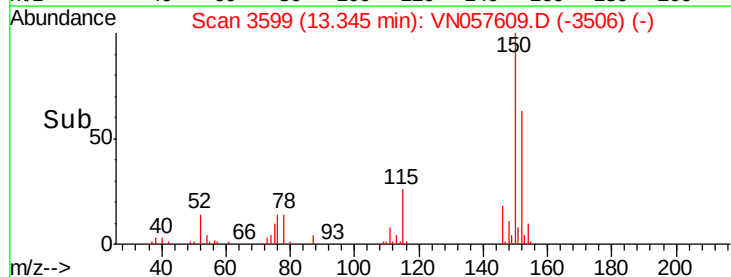
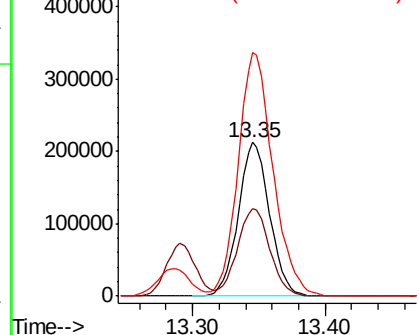


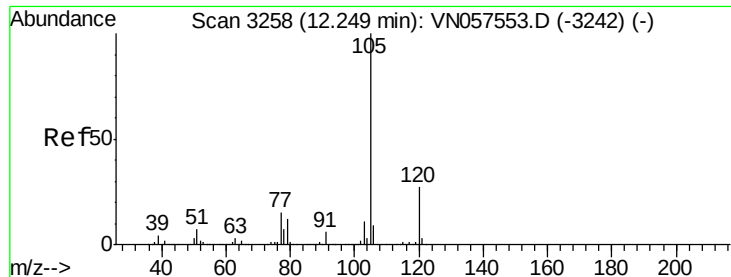
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion:152 Resp: 347149
Ion Ratio Lower Upper
152 100
115 59.0 32.0 96.0
150 176.6 0.0 346.6



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: 52.025 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

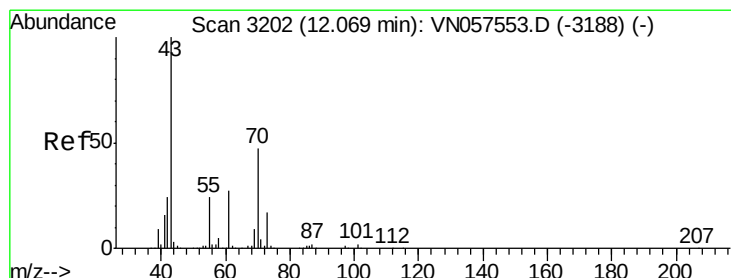
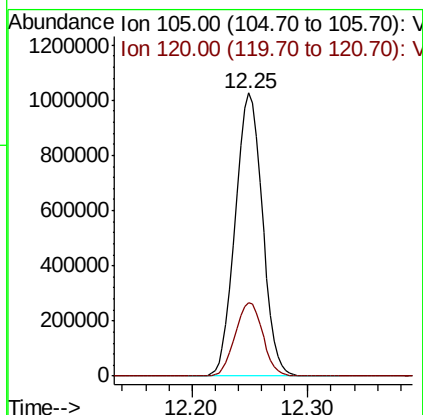
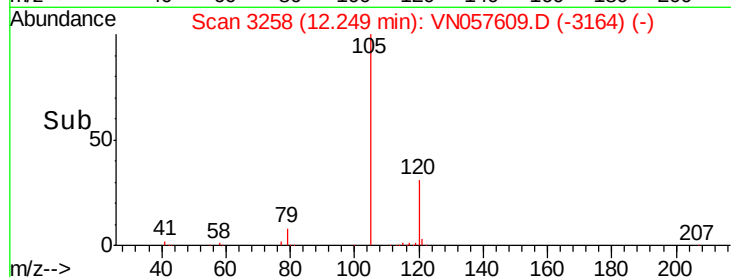
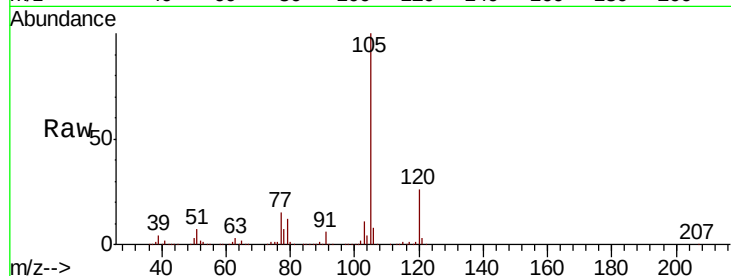
VSTDCCC050EC

Tgt Ion:105 Resp: 1659499

Ion Ratio Lower Upper

105 100

120 26.4 12.7 38.0



#74

N-ethyl acetate

Concen: 54.381 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Tgt Ion: 43 Resp: 401277

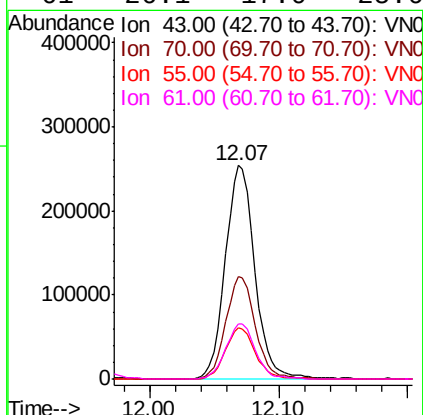
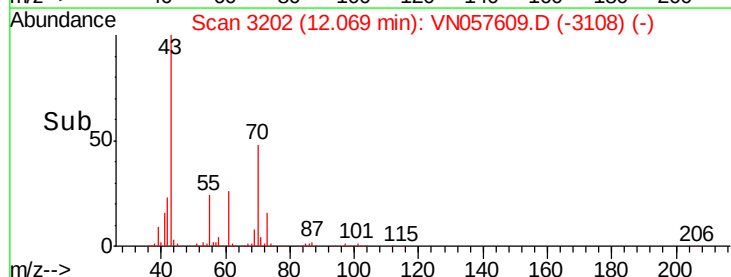
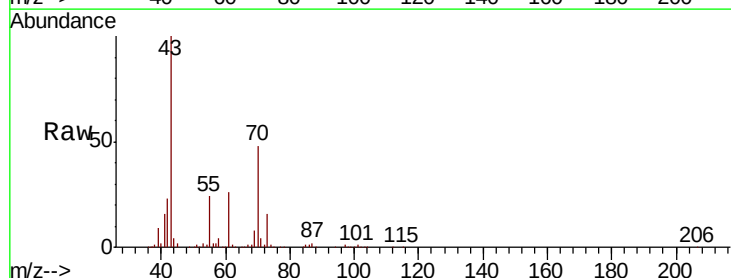
Ion Ratio Lower Upper

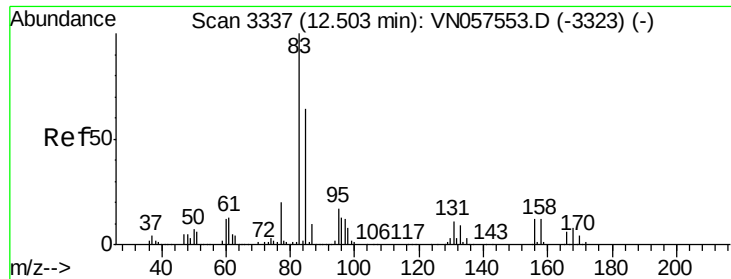
43 100

70 48.2 27.8 41.6#

55 24.4 17.0 25.4

61 26.1 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 55.496 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

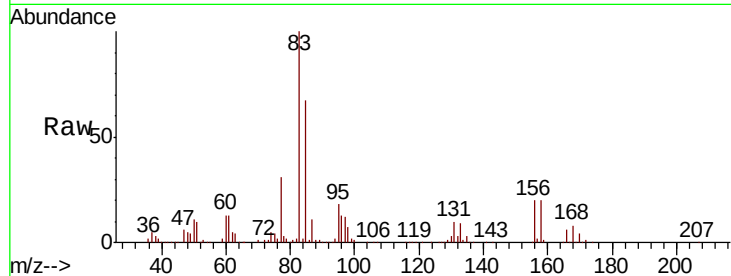
Tgt Ion: 83 Resp: 393425

Ion Ratio Lower Upper

83 100

131 10.8 4.3 13.1

85 64.7 32.3 96.8

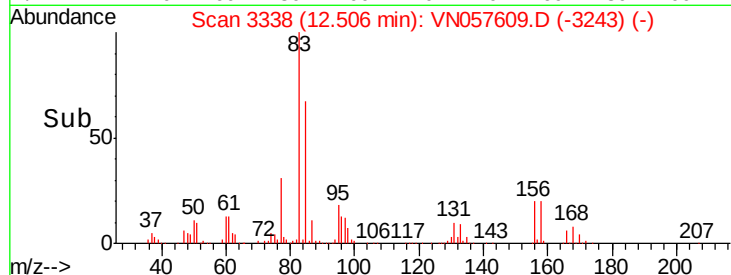


Abundance Ion 82.90 (82.60 to 83.60): VN057553.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN057553.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN057553.D (-3323) (-)

Time-->

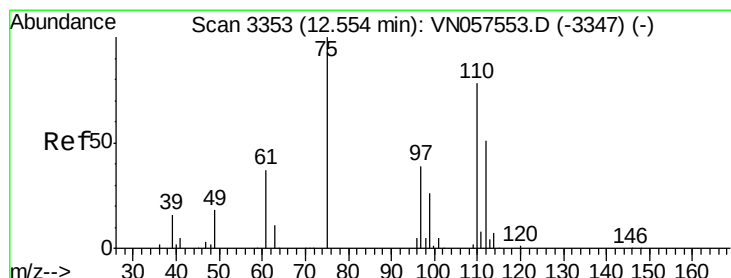


Abundance Ion 82.90 (82.60 to 83.60): VN057609.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN057609.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN057609.D (-3243) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 75.501 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057609.D

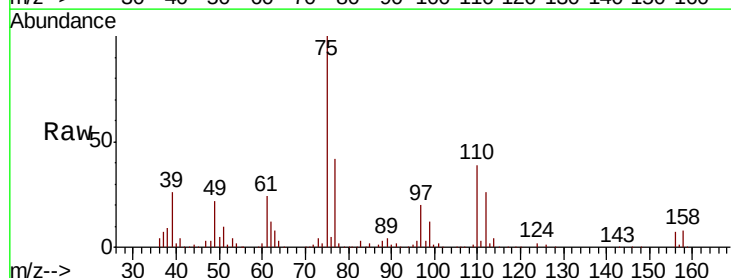
Acq: 31 Aug 2019 00:16

Tgt Ion: 75 Resp: 471405

Ion Ratio Lower Upper

75 100

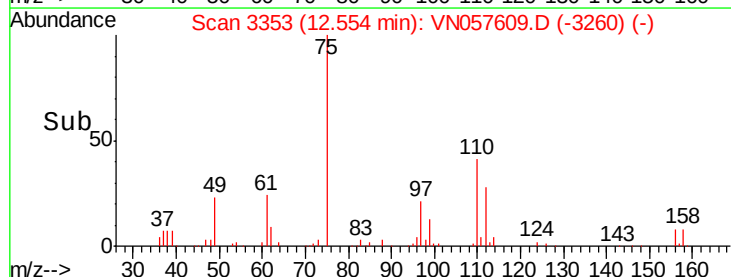
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057553.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN057553.D (-3347) (-)

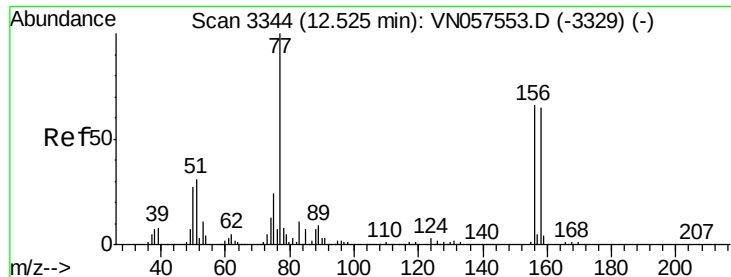
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VN057609.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN057609.D (-3260) (-)

Time-->



#77

Bromobenzene

Concen: 45.989 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

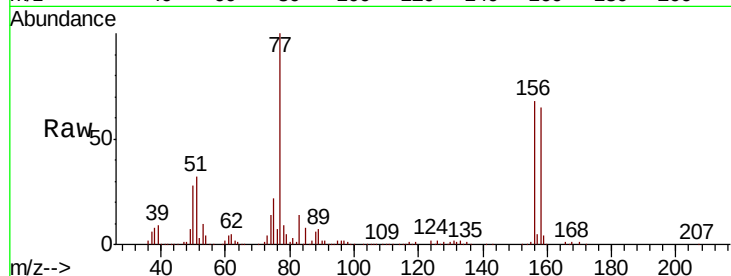
Tgt Ion:156 Resp: 393848

Ion Ratio Lower Upper

156 100

77 175.8 124.4 373.3

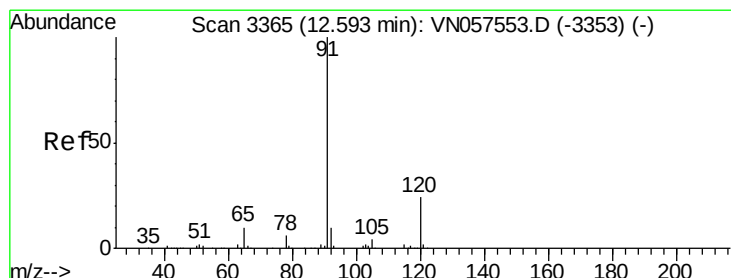
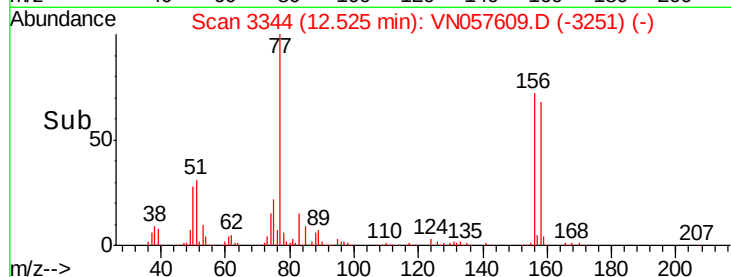
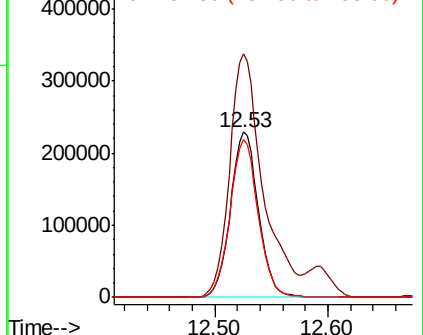
158 96.0 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.585 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057609.D

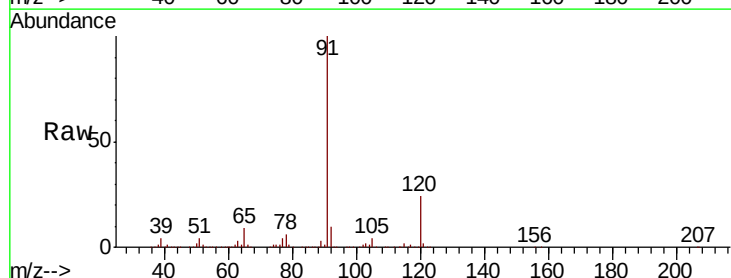
Acq: 31 Aug 2019 00:16

Tgt Ion: 91 Resp: 1746324

Ion Ratio Lower Upper

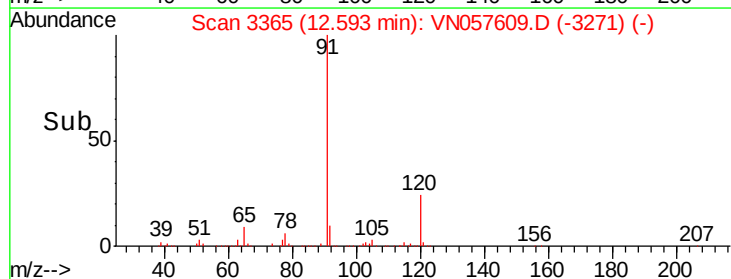
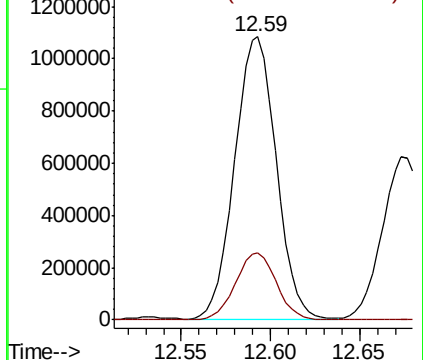
91 100

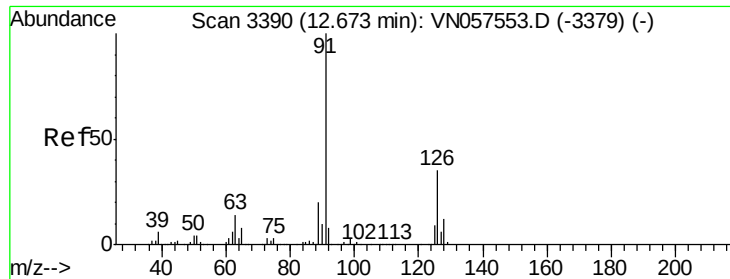
120 23.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.783 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

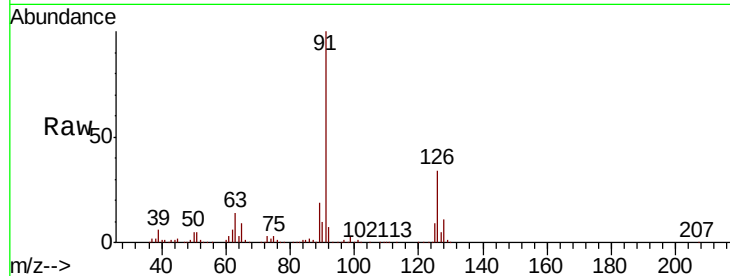
VSTDCCC050EC

Tgt Ion: 91 Resp: 1046571

Ion Ratio Lower Upper

91 100

126 34.8 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VN057553.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN057553.D (-3379) (-)

12.67

600000

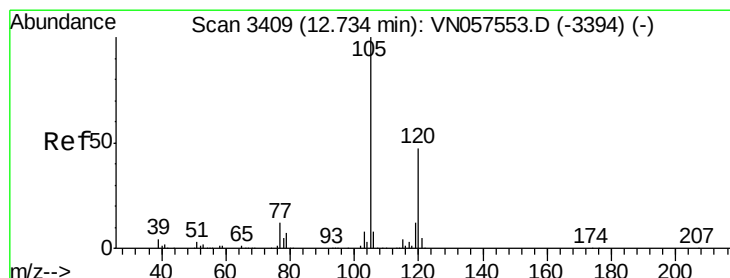
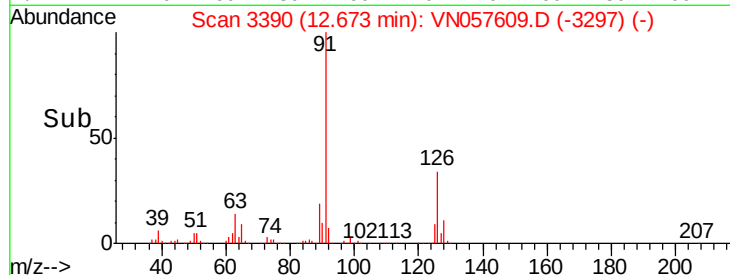
400000

200000

0

12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.936 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057609.D

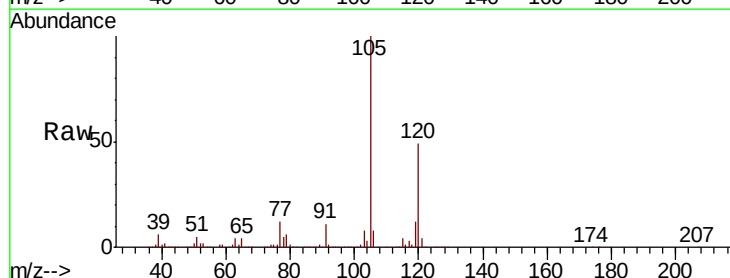
Acq: 31 Aug 2019 00:16

Tgt Ion: 105 Resp: 1393491

Ion Ratio Lower Upper

105 100

120 48.1 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): VN057553.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN057553.D (-3394) (-)

12.73

1000000

800000

600000

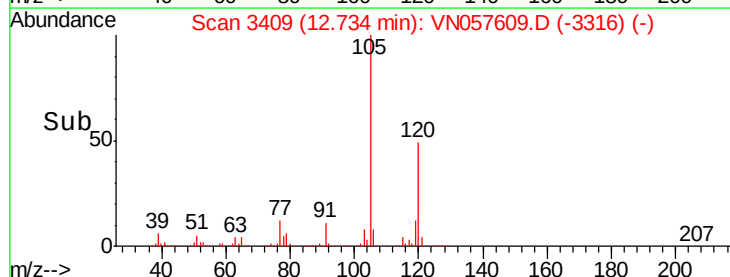
400000

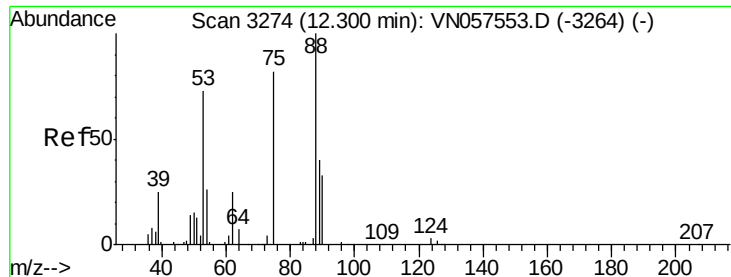
200000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 40.125 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

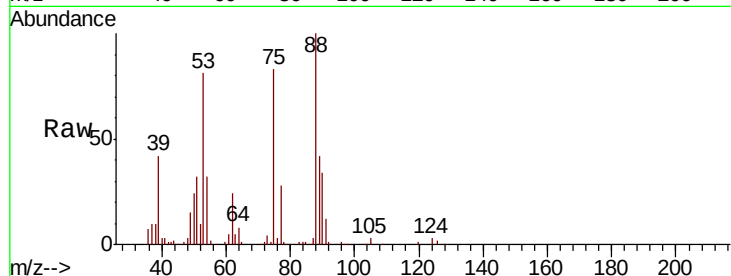
Tgt Ion: 75 Resp: 92637

Ion Ratio Lower Upper

75 100

53 101.2 82.7 124.1

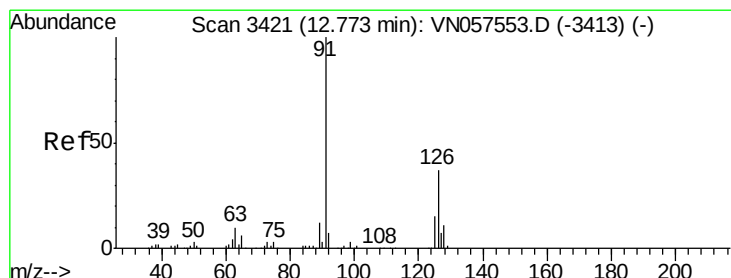
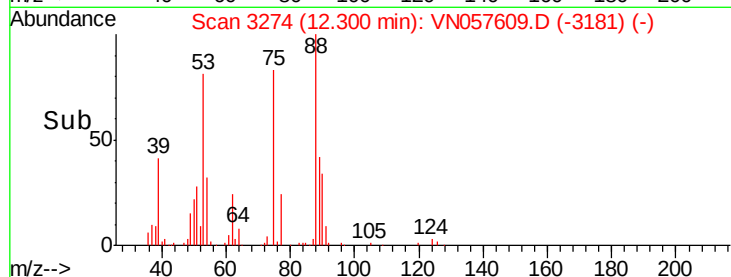
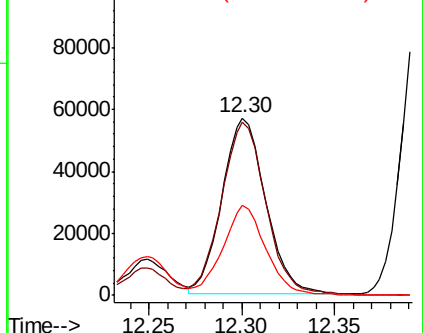
89 51.0 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.326 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN057609.D

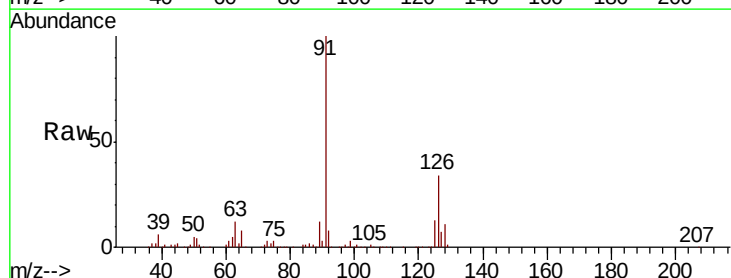
Acq: 31 Aug 2019 00:16

Tgt Ion: 91 Resp: 1024932

Ion Ratio Lower Upper

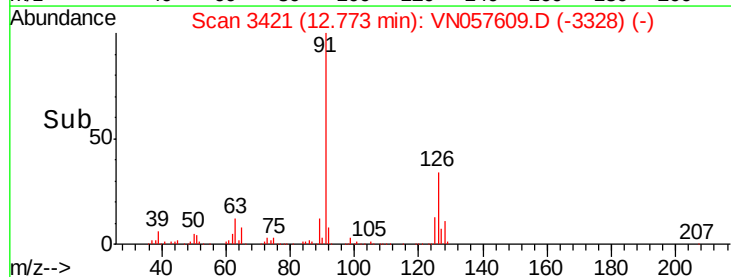
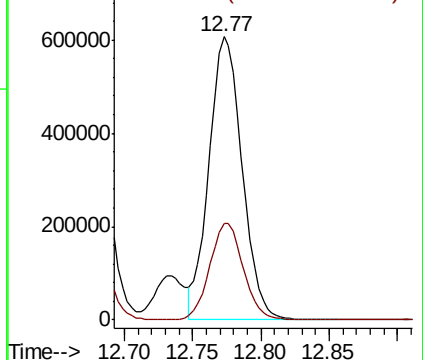
91 100

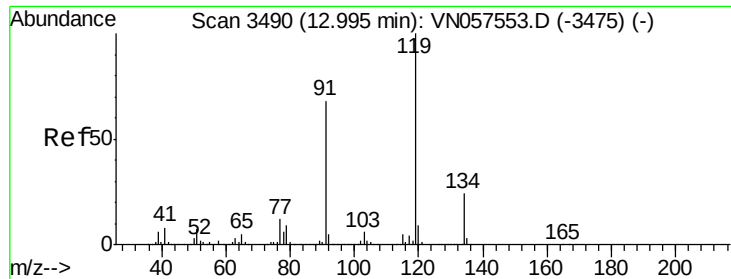
126 34.6 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

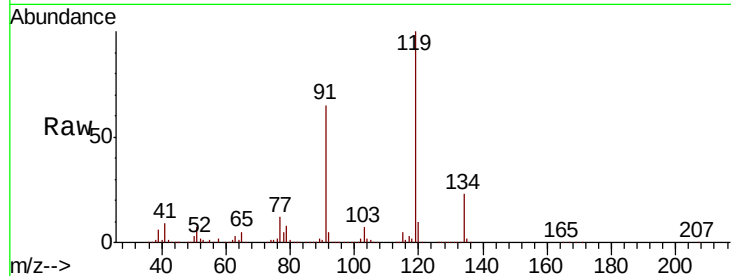




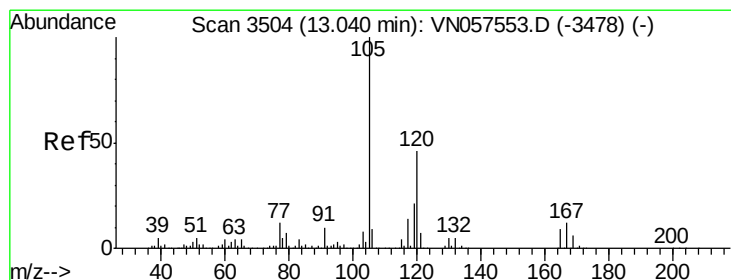
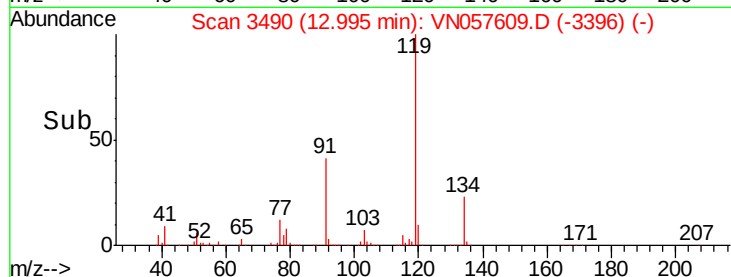
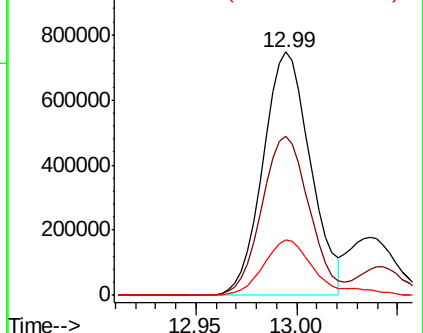
#83
 tert-Butylbenzene
 Concen: 55.652 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 1221758
 Ion Ratio Lower Upper
 119 100
 91 65.6 37.0 111.0
 134 24.9 12.2 36.6

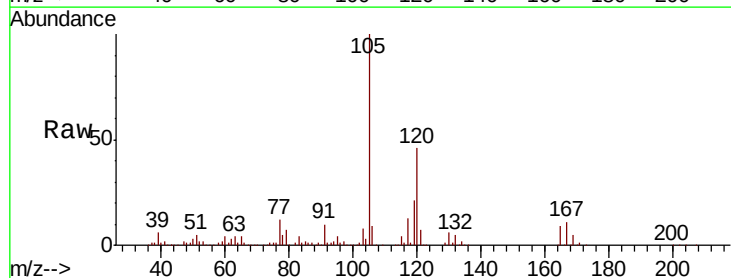


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

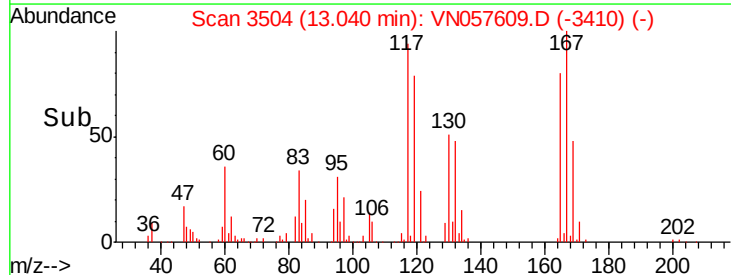
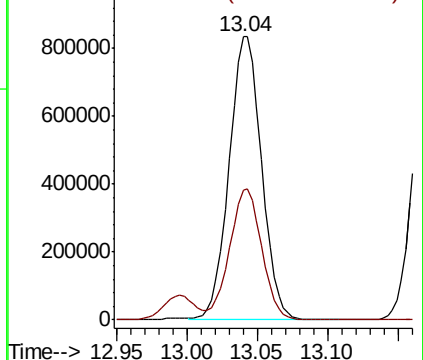


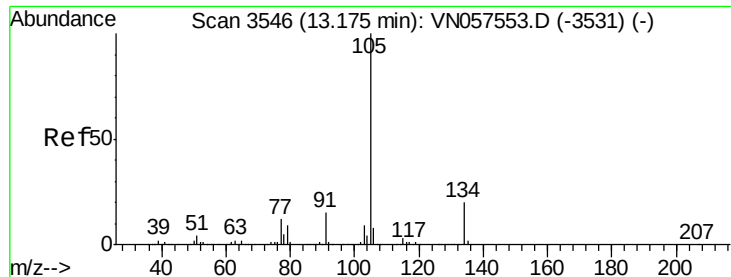
#84
 1,2,4-Trimethylbenzene
 Concen: 50.485 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion:105 Resp: 1342273
 Ion Ratio Lower Upper
 105 100
 120 45.6 21.9 65.7



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





#85

sec-Butylbenzene

Concen: 48.631 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

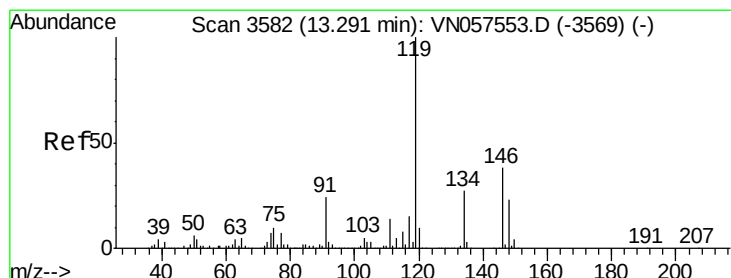
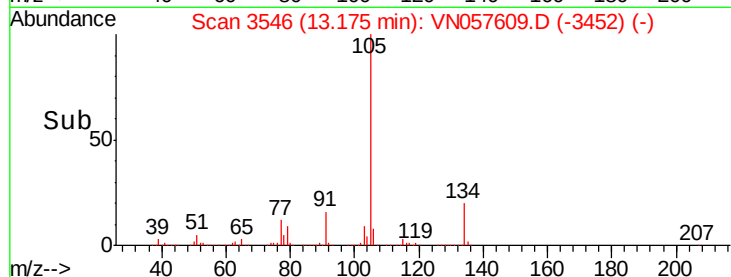
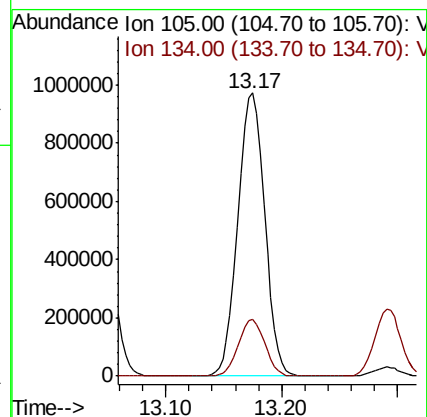
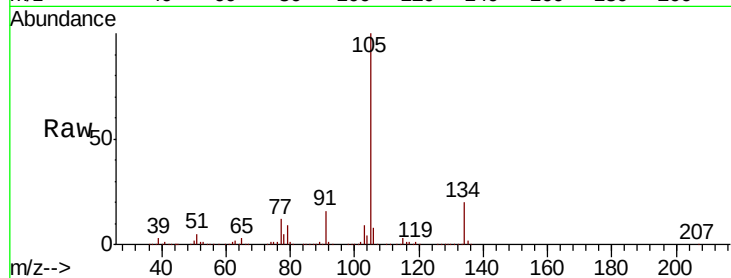
VSTDCCC050EC

Tgt Ion:105 Resp: 1553906

Ion Ratio Lower Upper

105 100

134 19.7 9.3 27.9



#86

p-Isopropyltoluene

Concen: 50.152 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

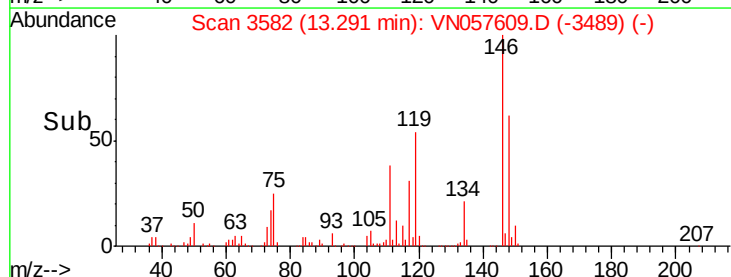
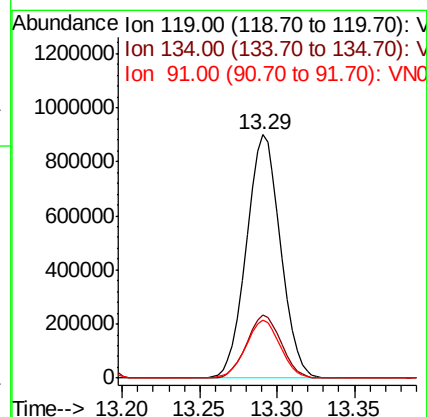
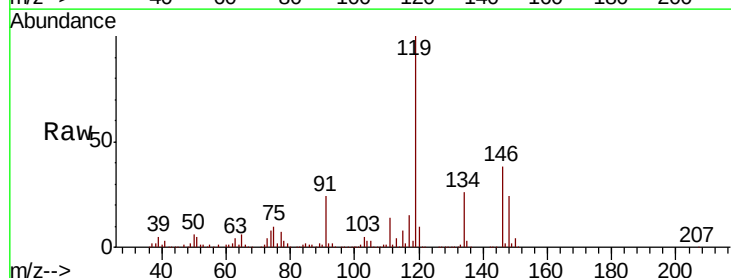
Tgt Ion:119 Resp: 1377371

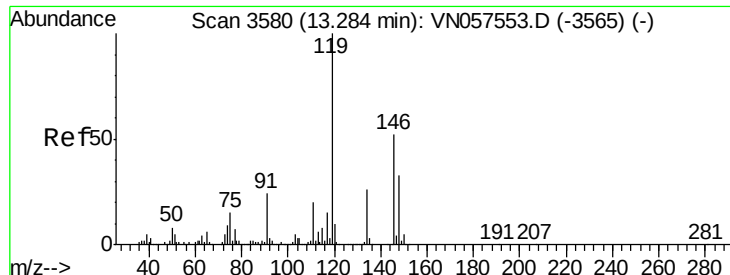
Ion Ratio Lower Upper

119 100

134 26.3 12.7 38.1

91 24.0 13.9 41.6

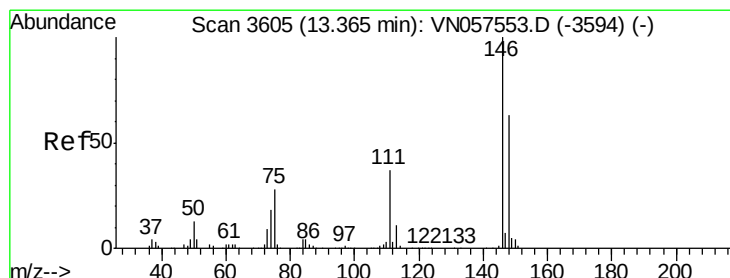
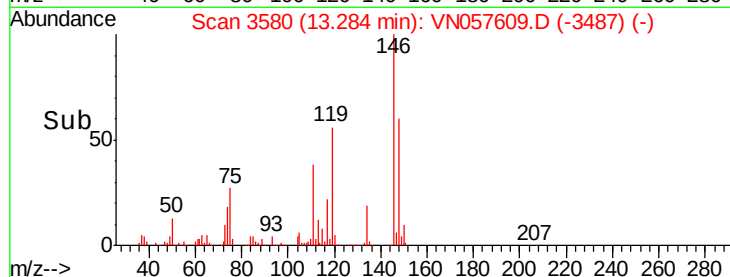
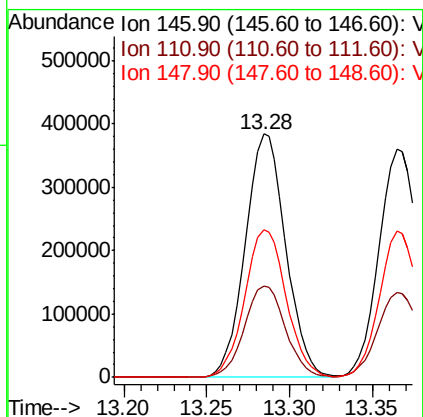
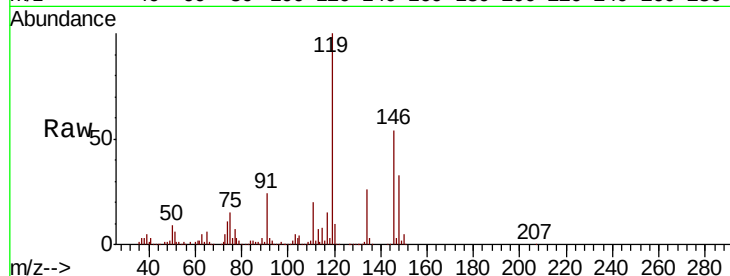




#87
 1,3-Dichlorobenzene
 Concen: 52.365 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

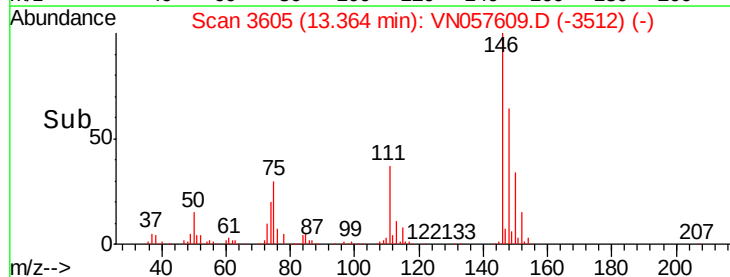
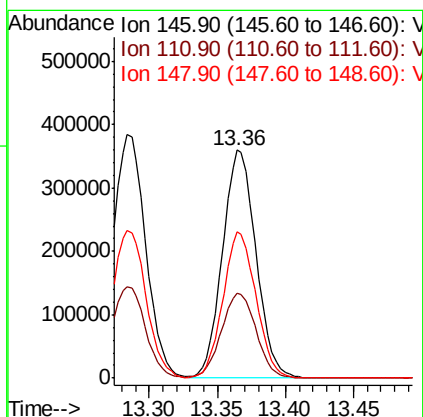
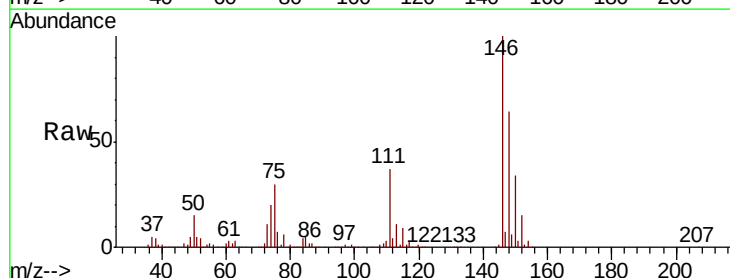
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

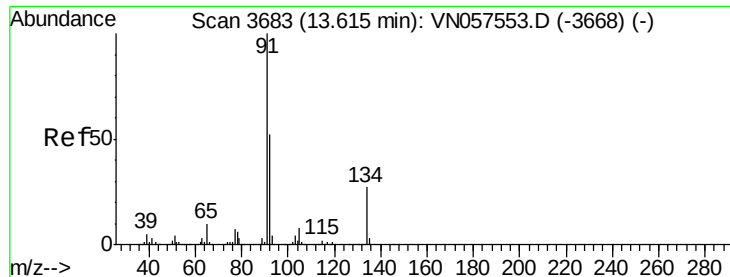
Tgt Ion:146 Resp: 651284
 Ion Ratio Lower Upper
 146 100
 111 38.1 22.1 66.1
 148 61.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 51.500 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion:146 Resp: 614227
 Ion Ratio Lower Upper
 146 100
 111 38.6 21.9 65.5
 148 63.2 31.1 93.2





#89

n-Butylbenzene

Concen: 51.520 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057609.D

Acq: 31 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

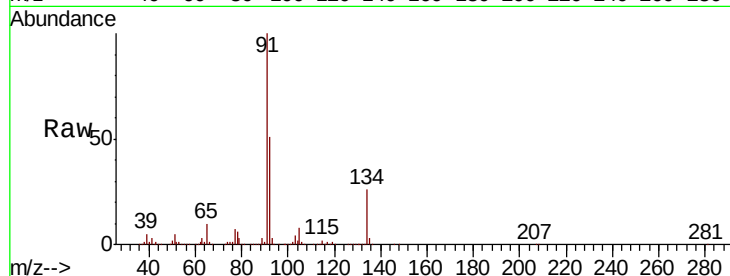
Tgt Ion: 91 Resp: 1071874

Ion Ratio Lower Upper

91 100

92 51.3 25.7 77.0

134 26.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN057553.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057553.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057553.D (-3668) (-)

13.62

800000

600000

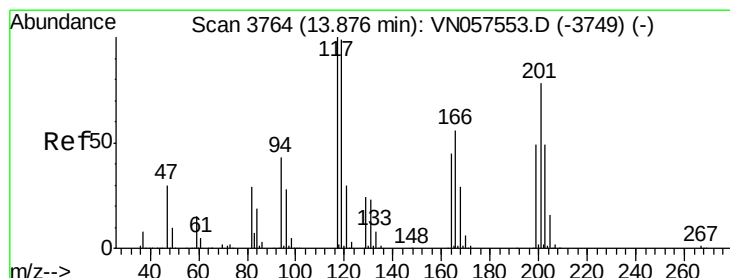
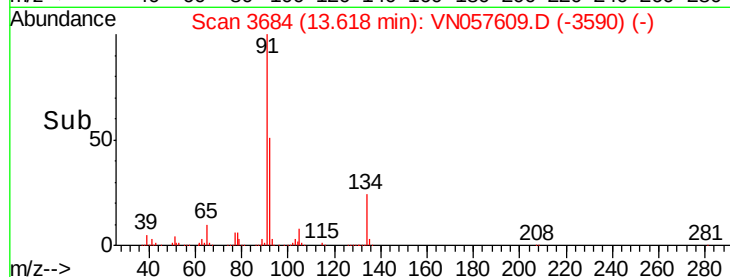
400000

200000

0

13.55 13.60 13.65 13.70

Time-->



#90

Hexachloroethane

Concen: 39.380 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057609.D

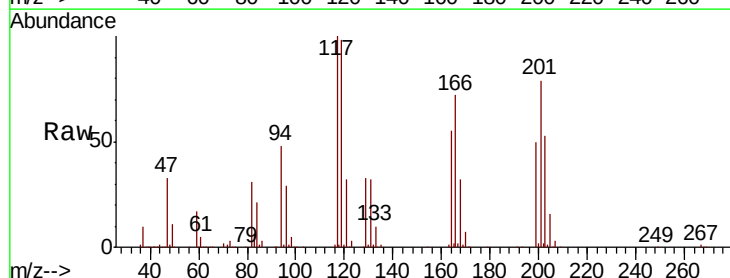
Acq: 31 Aug 2019 00:16

Tgt Ion: 117 Resp: 227592

Ion Ratio Lower Upper

117 100

201 79.5 33.1 99.3



Abundance Ion 116.80 (116.50 to 117.50): VN057553.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN057553.D (-3749) (-)

13.88

150000

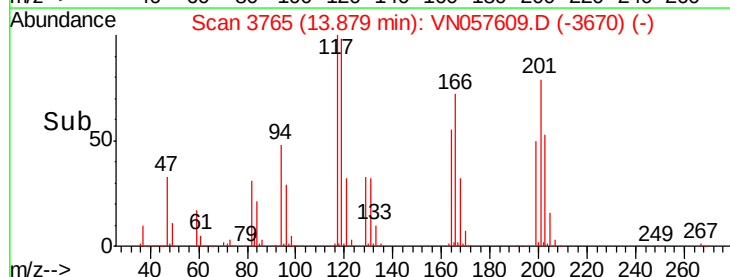
100000

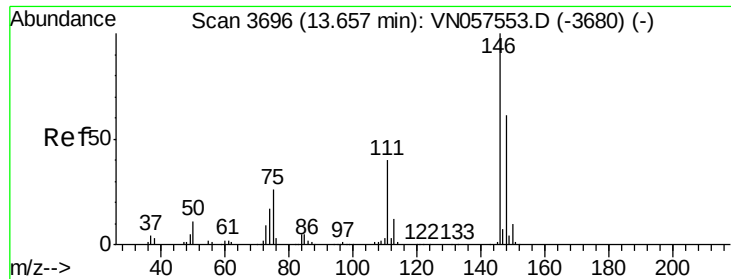
50000

0

13.80 13.85 13.90 13.95

Time-->

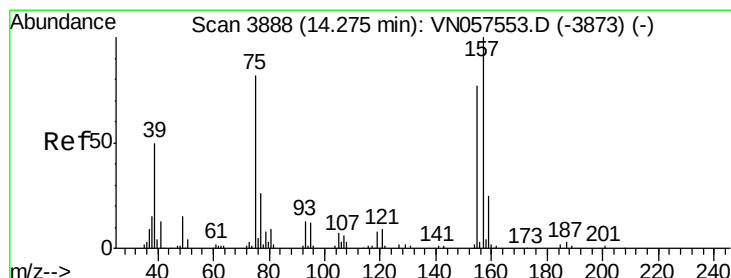
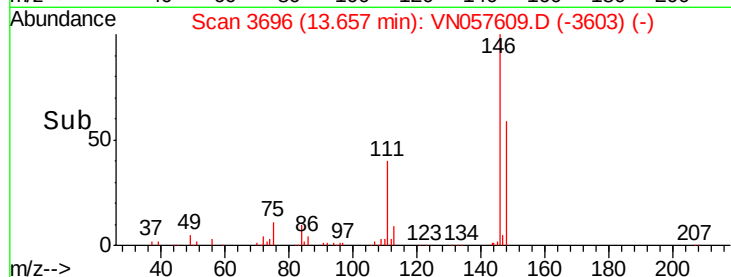
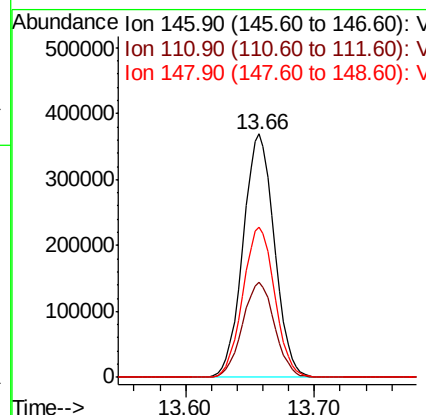
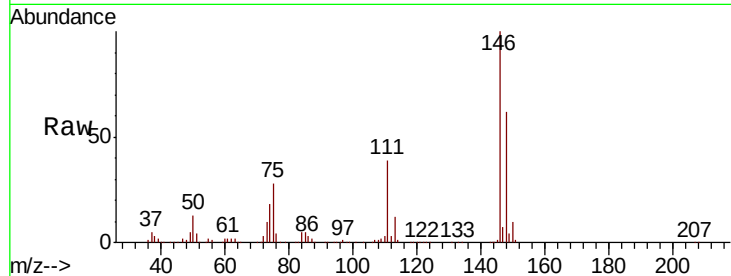




#91
 1,2-Dichlorobenzene
 Concen: 53.714 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

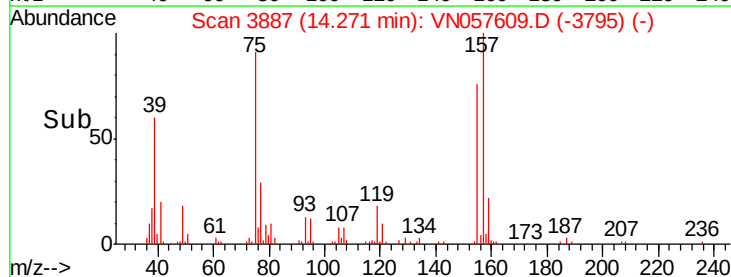
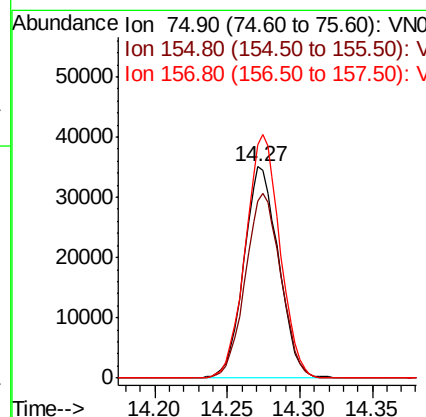
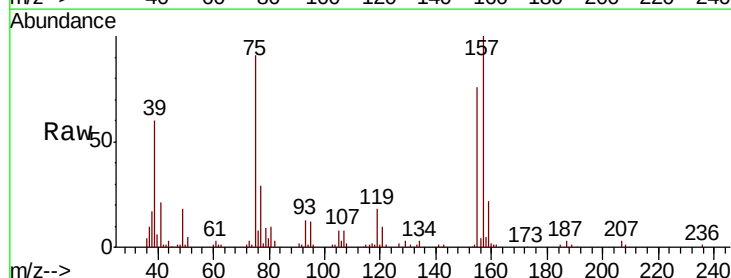
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

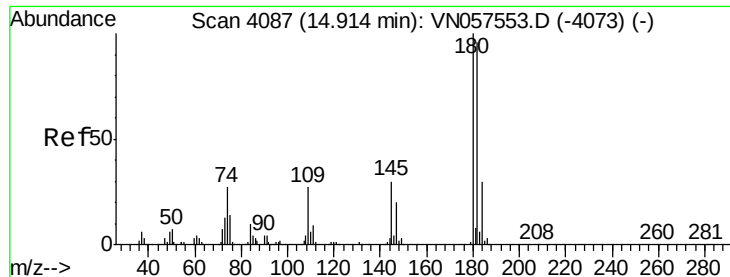
Tgt Ion: 146 Resp: 623514
 Ion Ratio Lower Upper
 146 100
 111 40.0 23.1 69.2
 148 62.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.822 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion: 75 Resp: 58366
 Ion Ratio Lower Upper
 75 100
 155 88.8 31.6 94.7
 157 114.0 43.3 129.8

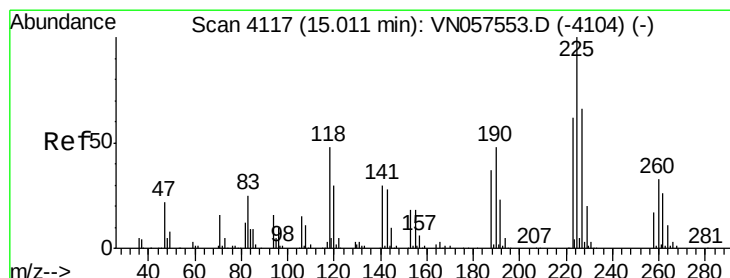
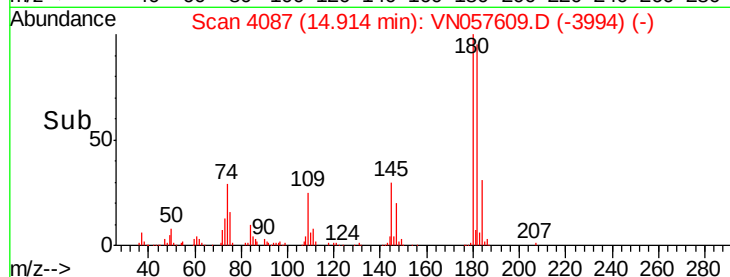
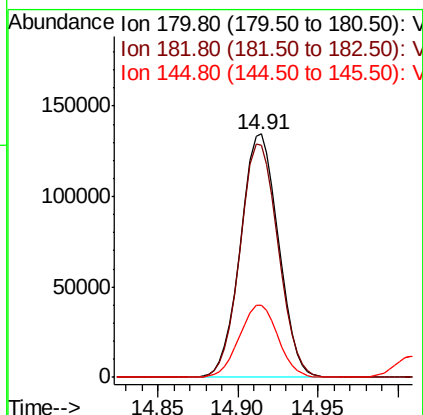
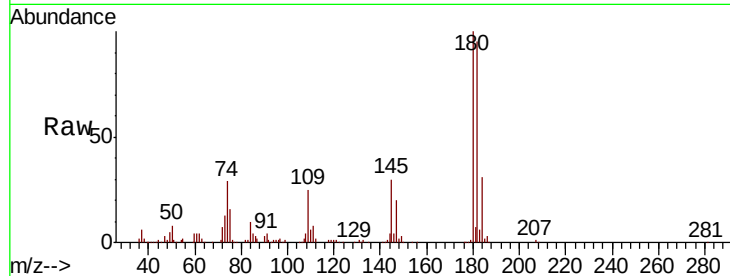




#93
 1,2,4-Trichlorobenzene
 Concen: 45.537 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

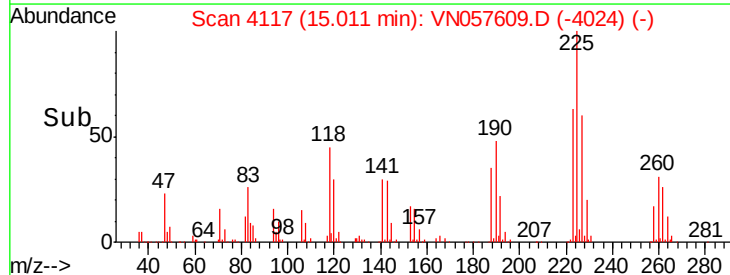
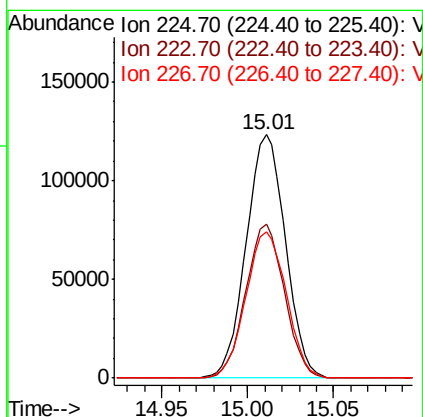
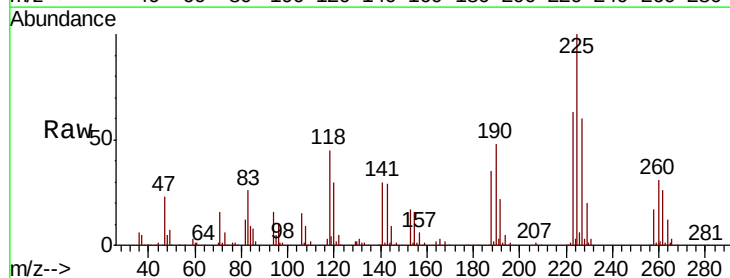
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

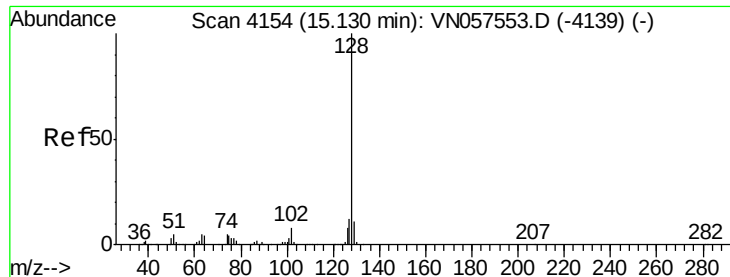
Tgt Ion:180 Resp: 217460
 Ion Ratio Lower Upper
 180 100
 182 96.5 46.7 140.1
 145 30.2 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 51.003 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN057609.D
 Acq: 31 Aug 2019 00:16

Tgt Ion:225 Resp: 195122
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.0 96.2
 227 62.1 31.5 94.5

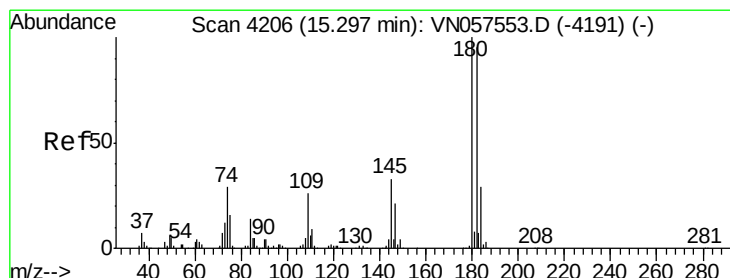
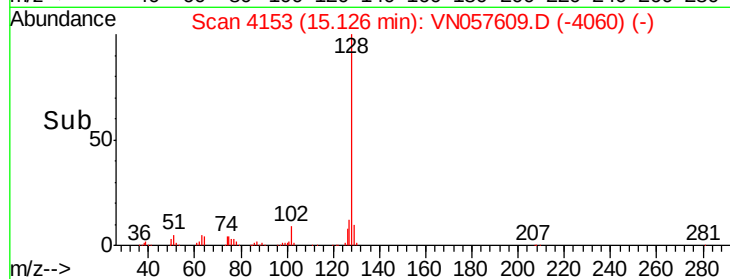
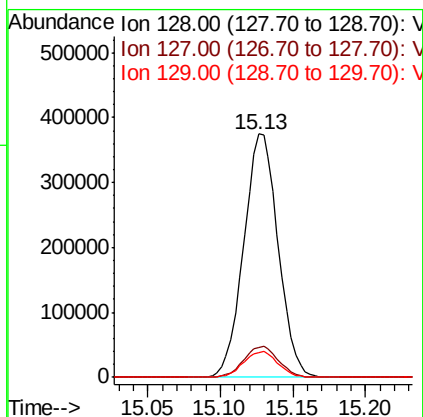
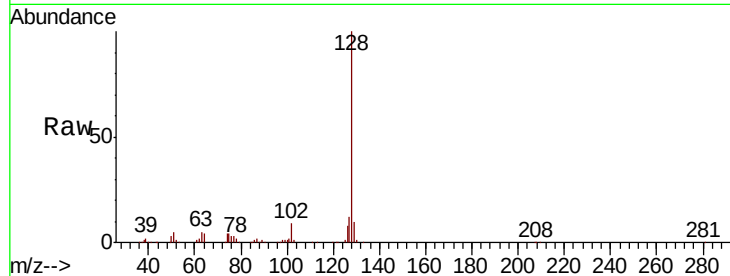




#95
Naphthalene
Concen: 53.808 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 618047
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.521 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057609.D
Acq: 31 Aug 2019 00:16

Tgt Ion:180 Resp: 213891
Ion Ratio Lower Upper
180 100
182 94.2 46.7 140.1
145 32.3 16.8 50.3

