

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
 Data File : VN057442.D
 Acq On : 22 Aug 2019 19:08
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 23 04:26:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 04:20:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	403194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	744808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	695515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	294759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	1050058	211.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	423.72%	
35) Dibromofluoromethane	7.57	113	737572	149.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.56%	
50) Toluene-d8	10.08	98	2891579	159.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.12%	
62) 4-Bromofluorobenzene	12.40	95	1040870	162.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	325.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	760035	204.714	ug/l	97
3) Chloromethane	2.04	50	949853	210.538	ug/l	99
4) Vinyl Chloride	2.17	62	1195239	261.691	ug/l	98
5) Bromomethane	2.52	94	739686	235.278	ug/l	97
6) Chloroethane	2.67	64	743856	243.914	ug/l	96
7) Trichlorofluoromethane	2.99	101	1776993	251.744	ug/l	98
8) Diethyl Ether	3.39	74	633601	240.327	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	947005	234.765	ug/l	100
10) Methyl Iodide	3.92	142	810177	145.191	ug/l	100
11) Tert butyl alcohol	4.79	59	663461	996.997	ug/l	97
12) 1,1-Dichloroethene	3.70	96	943803	234.941	ug/l	99
13) Acrolein	3.58	56	541042	1180.026	ug/l	97
14) Allyl chloride	4.29	41	1380435	221.312	ug/l	100
15) Acrylonitrile	4.96	53	1777363	990.921	ug/l	100
16) Acetone	3.80	43	1547617	950.813	ug/l	100
17) Carbon Disulfide	4.01	76	1874948	187.840	ug/l	100
18) Methyl Acetate	4.30	43	1043029	158.130	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	2315375	195.687	ug/l	99
20) Methylene Chloride	4.52	84	734168	167.719	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	687949	175.142	ug/l	98
22) Diisopropyl ether	5.93	45	2848463	228.455	ug/l	99
23) Vinyl Acetate	5.87	43	11213109	1129.540	ug/l	100
24) 1,1-Dichloroethane	5.82	63	1471073	199.335	ug/l	99
25) 2-Butanone	6.82	43	2539448	1062.405	ug/l	98
26) 2,2-Dichloropropane	6.80	77	1221641	203.135	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	826405	177.143	ug/l	99
28) Bromochloromethane	7.18	49	809791	230.502	ug/l	99
29) Tetrahydrofuran	7.20	42	1692460	1104.882	ug/l	99
30) Chloroform	7.36	83	1456851	190.718	ug/l	99
31) Cyclohexane	7.63	56	1411182	209.670	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	1301675	202.566	ug/l	99
36) 1,1-Dichloropropene	7.78	75	1102575	164.463	ug/l	99
37) Ethyl Acetate	6.91	43	1068110	189.371	ug/l	99
38) Carbon Tetrachloride	7.76	117	1073797	155.650	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1333073	169.463	ug/l	98
40) Benzene	8.03	78	3215461	157.719	ug/l	99
41) Methacrylonitrile	7.16	41	566592	220.130	ug/l	90
42) 1,2-Dichloroethane	8.11	62	1231902	177.951	ug/l	100
43) Isopropyl Acetate	8.16	43	1975288	162.861	ug/l	99
44) Trichloroethene	8.82	130	744685	133.870	ug/l	96
45) 1,2-Dichloropropane	9.11	63	907127	170.344	ug/l	100
46) Dibromomethane	9.20	93	558965	158.964	ug/l	98
47) Bromodichloromethane	9.40	83	1210659	172.400	ug/l	99
48) Methyl methacrylate	9.19	41	939524	198.803	ug/l	98
49) 1,4-Dioxane	9.20	88	248079	2742.710	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	5605096	957.577	ug/l	100
52) Toluene	10.15	92	1990378	158.615	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1337097	176.814	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1423072	171.096	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	745835	151.264	ug/l	99
56) Ethyl methacrylate	10.43	69	1283178	175.630	ug/l	99
57) 1,3-Dichloropropane	10.70	76	1336566	160.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1847961	985.728	ug/l	100
59) 2-Hexanone	10.75	43	3973348	955.527	ug/l	100
60) Dibromochloromethane	10.90	129	843619	154.137	ug/l	99
61) 1,2-Dibromoethane	11.00	107	777594	148.992	ug/l	97
64) Tetrachloroethene	10.63	164	634094	108.826	ug/l	97
65) Chlorobenzene	11.43	112	1990364	141.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	726985	135.105	ug/l	100
67) Ethyl Benzene	11.51	91	3841734	152.819	ug/l	100
68) m/p-Xylenes	11.62	106	2730486	298.504	ug/l	100
69) o-Xylene	11.95	106	1330938	148.007	ug/l	99
70) Styrene	11.96	104	2315343	161.471	ug/l	100
71) Bromoform	12.13	173	544438	131.217	ug/l #	99
73) Isopropylbenzene	12.25	105	3654876	126.437	ug/l	100
74) N-amyl acetate	12.07	43	1748013	187.456	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1061113	125.535	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1416310	195.388	ug/l #	100
77) Bromobenzene	12.53	156	771085	105.734	ug/l	99
78) n-propylbenzene	12.59	91	4298349	147.634	ug/l	100
79) 2-Chlorotoluene	12.68	91	2493591	134.135	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3026638	130.167	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	383143	154.777	ug/l	97
82) 4-Chlorotoluene	12.77	91	2546103	148.211	ug/l	99
83) tert-Butylbenzene	12.99	119	2514222	117.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2940320	136.192	ug/l	99
85) sec-Butylbenzene	13.17	105	3487737	134.835	ug/l	99
86) p-Isopropyltoluene	13.29	119	2980312	135.738	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1322311	130.105	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1321825	135.976	ug/l	98
89) n-Butylbenzene	13.62	91	2785755	172.492	ug/l	100
90) Hexachloroethane	13.88	117	605622	132.097	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	1311839	138.047	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	210366	188.943	ug/l	97

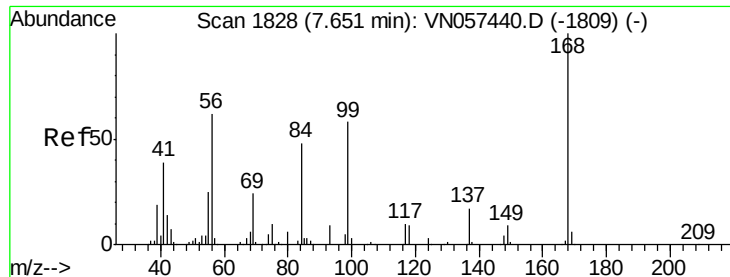
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	614110	193.670	ug/l	98
94) Hexachlorobutadiene	15.01	225	329083	78.460	ug/l	100
95) Naphthalene	15.13	128	1909053	258.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	609872	200.085	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

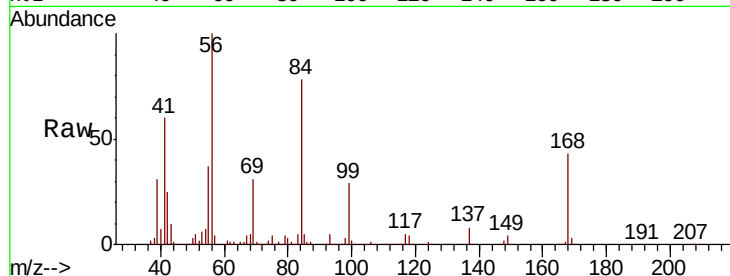
VSTDIC150

Tgt Ion:168 Resp: 403194

Ion Ratio Lower Upper

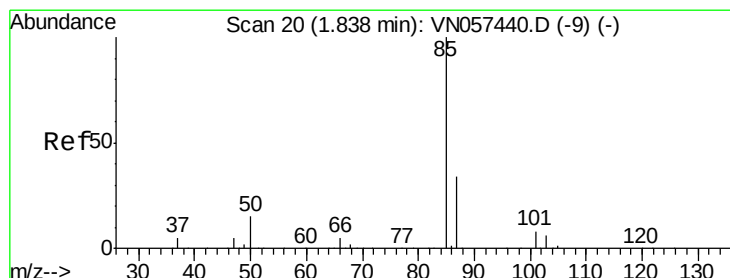
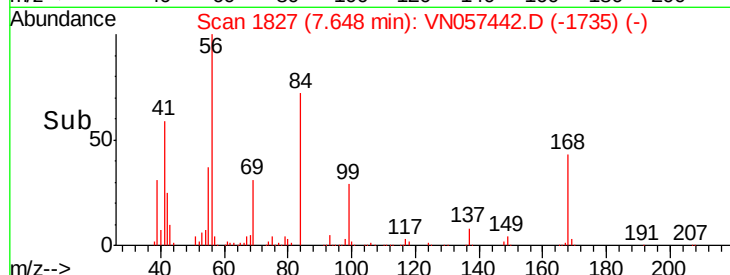
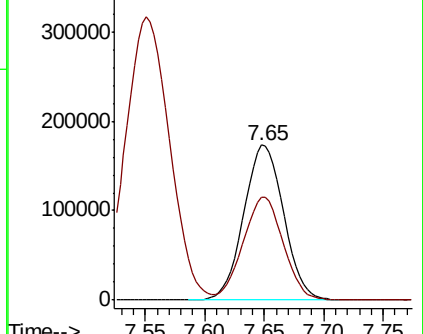
168 100

99 65.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 204.714 ug/l

RT: 1.84 min Scan# 20

Delta R.T. -0.00 min

Lab File: VN057442.D

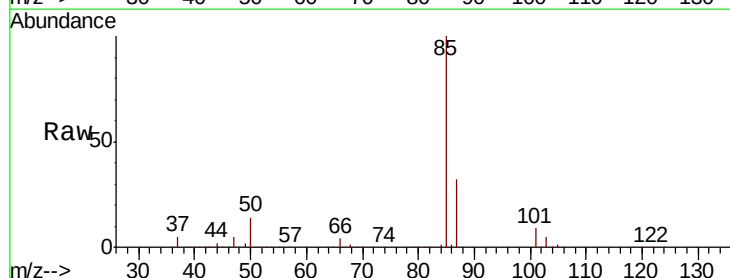
Acq: 22 Aug 2019 19:08

Tgt Ion: 85 Resp: 760035

Ion Ratio Lower Upper

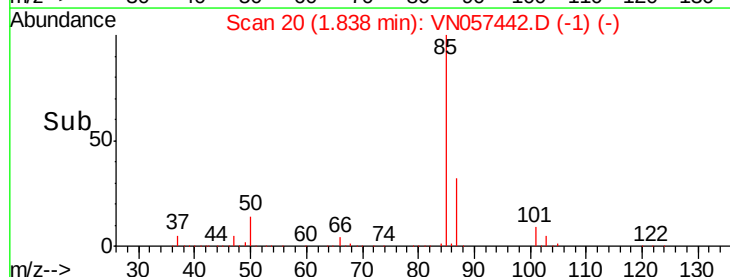
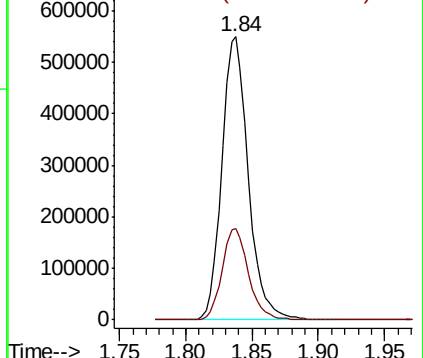
85 100

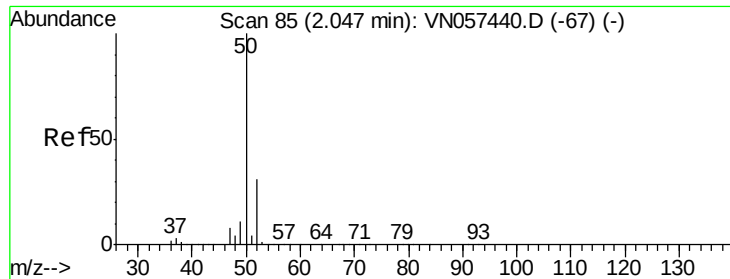
87 32.4 17.1 51.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 210.538 ug/l

RT: 2.04 min Scan# 84

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

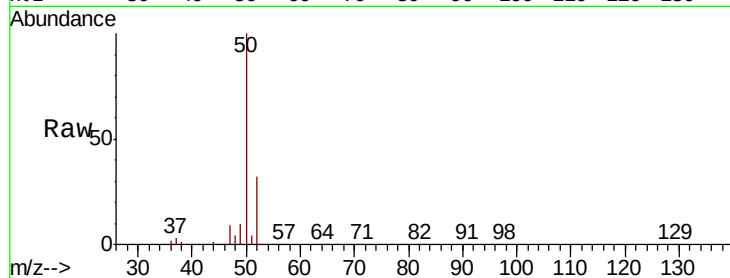
VSTDIC150

Tgt Ion: 50 Resp: 949853

Ion Ratio Lower Upper

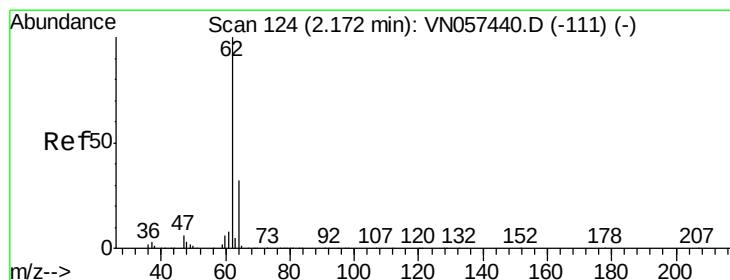
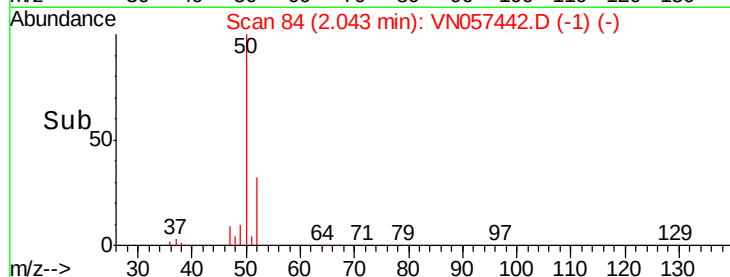
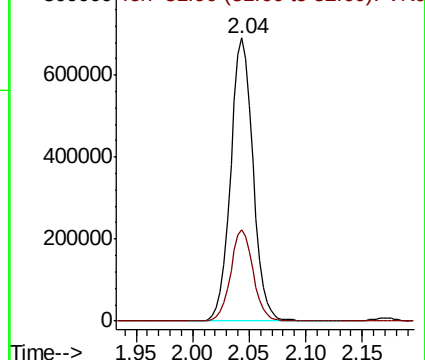
50 100

52 32.2 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VN057442.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN057442.D (-1) (-)



#4

Vinyl Chloride

Concen: 261.691 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN057442.D

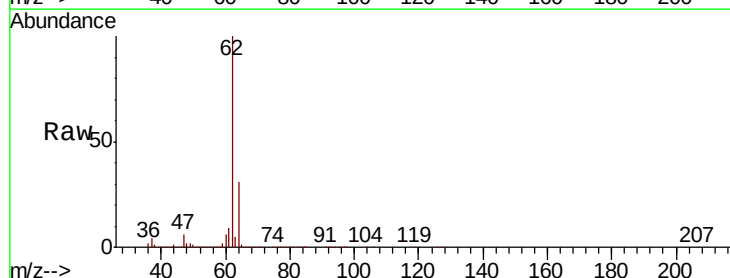
Acq: 22 Aug 2019 19:08

Tgt Ion: 62 Resp: 1195239

Ion Ratio Lower Upper

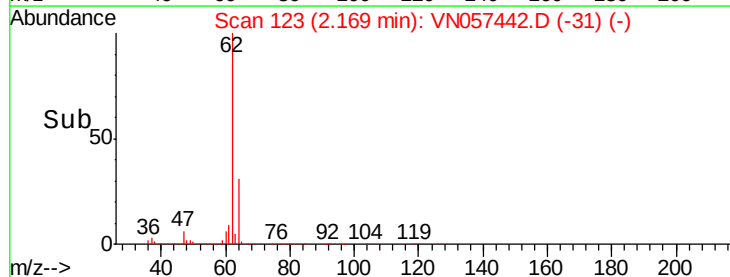
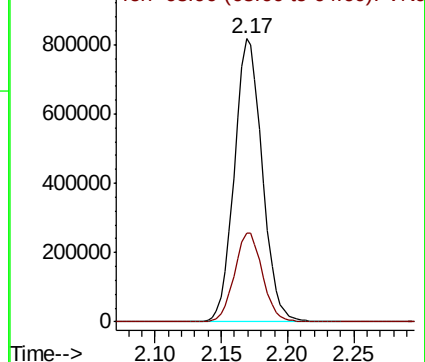
62 100

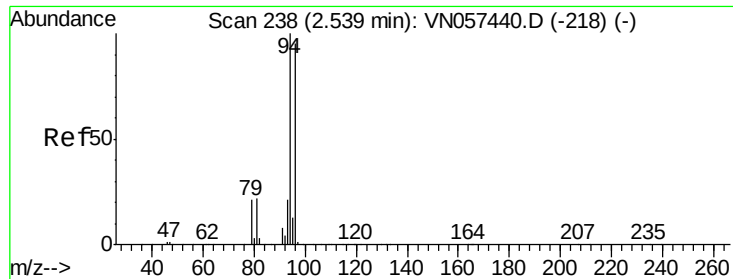
64 31.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN057442.D (-31) (-)

Ion 63.90 (63.60 to 64.60): VN057442.D (-31) (-)





#5

Bromomethane

Concen: 235.278 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.02 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

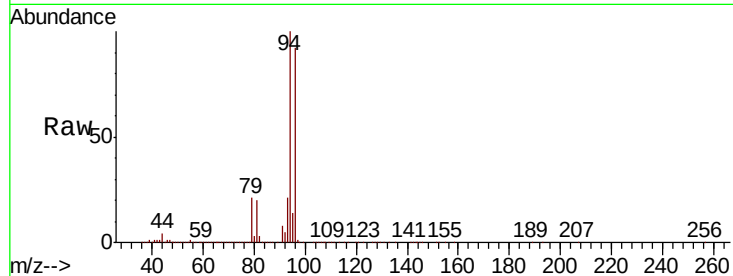
VSTDIC150

Tgt Ion: 94 Resp: 739686

Ion Ratio Lower Upper

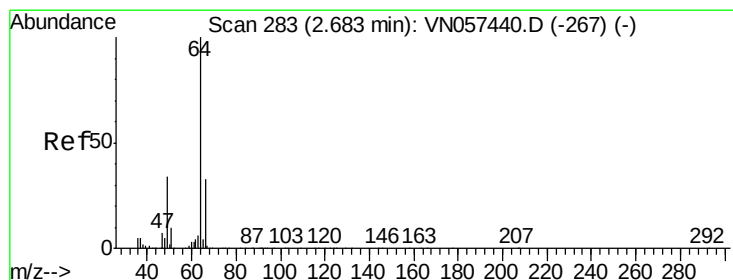
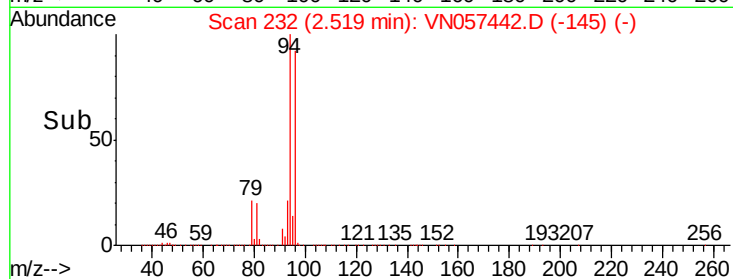
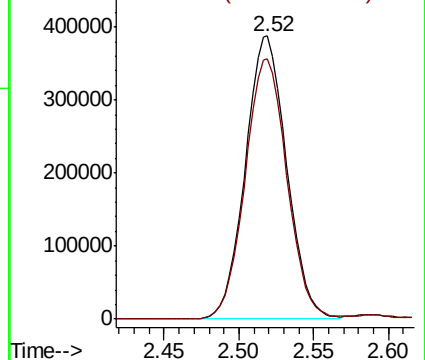
94 100

96 92.0 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 243.914 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.01 min

Lab File: VN057442.D

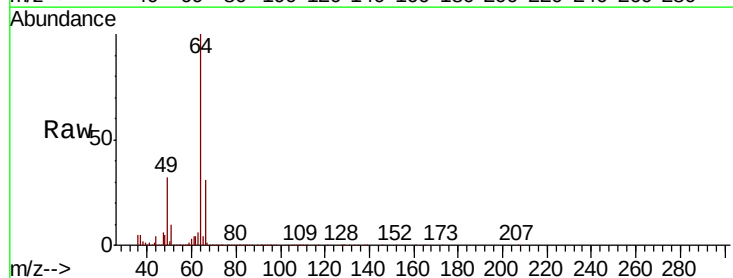
Acq: 22 Aug 2019 19:08

Tgt Ion: 64 Resp: 743856

Ion Ratio Lower Upper

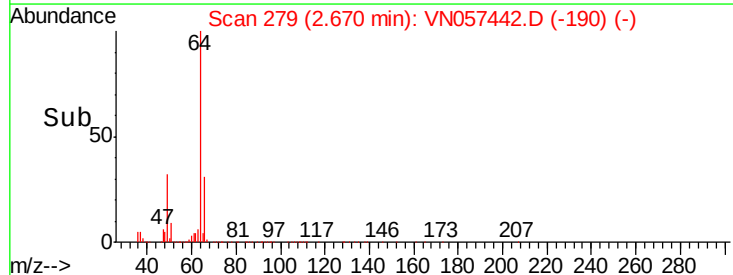
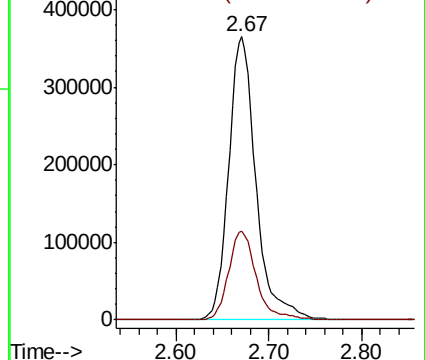
64 100

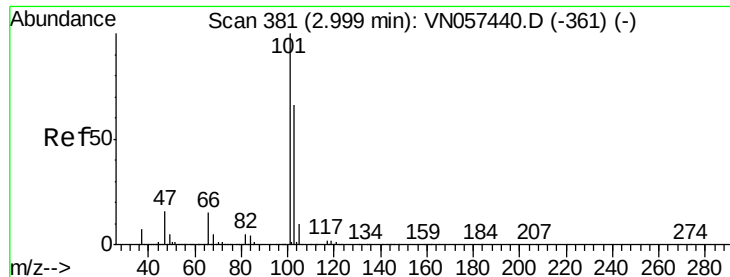
66 31.2 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



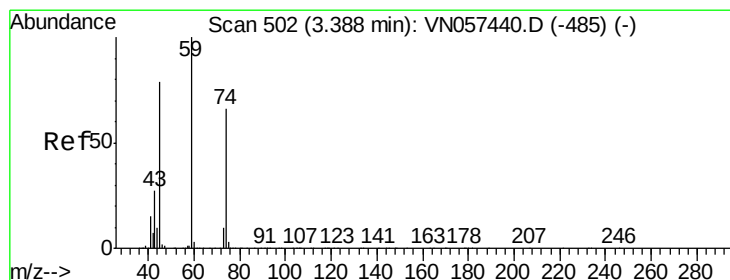
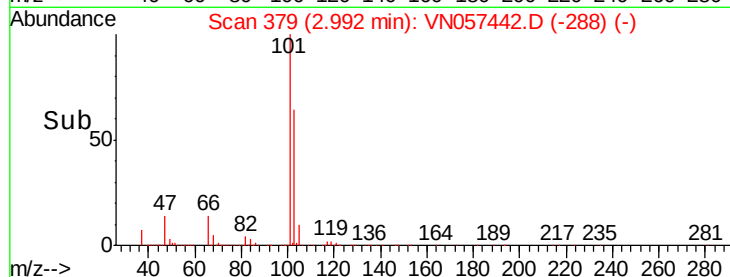
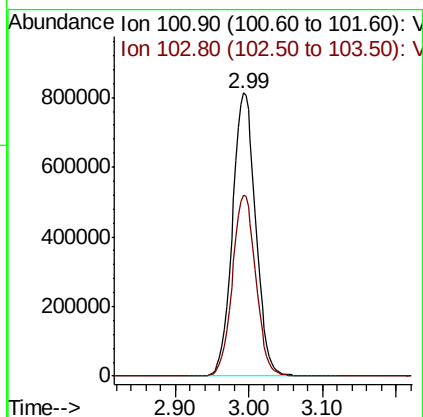
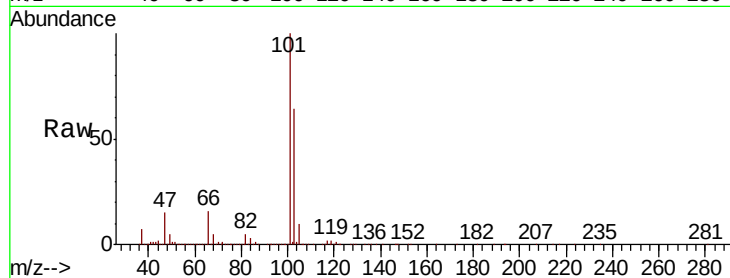


#7

Trichlorofluoromethane
Concen: 251.744 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.01 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

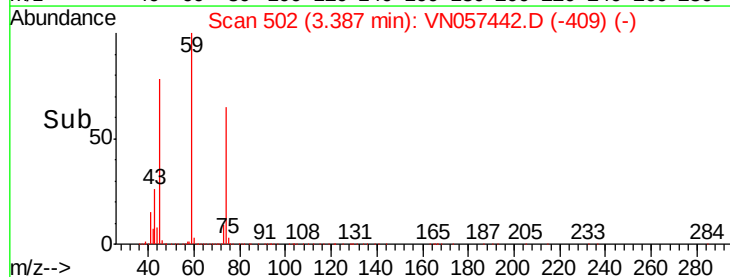
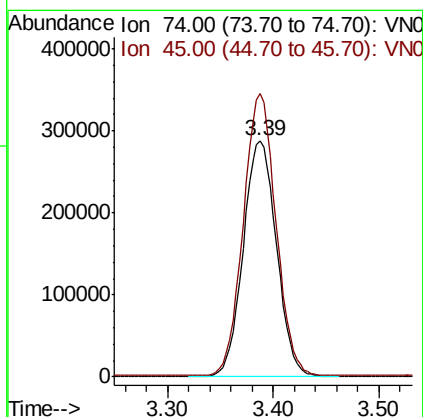
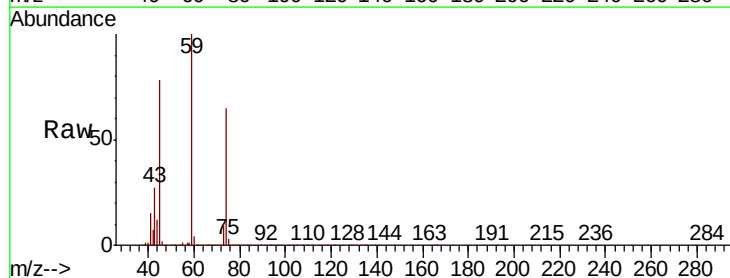
Tgt Ion:101 Resp: 1776993
Ion Ratio Lower Upper
101 100
103 64.0 52.6 78.8

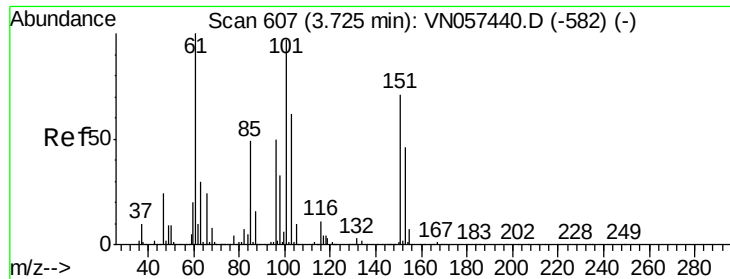


#8

Diethyl Ether
Concen: 240.327 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion: 74 Resp: 633601
Ion Ratio Lower Upper
74 100
45 117.0 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 234.765 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

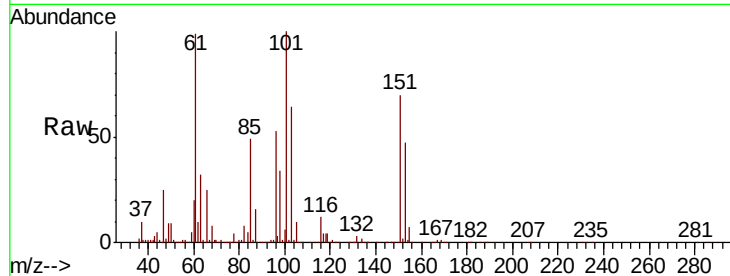
Tgt Ion:101 Resp: 947005

Ion Ratio Lower Upper

101 100

85 50.0 40.0 60.0

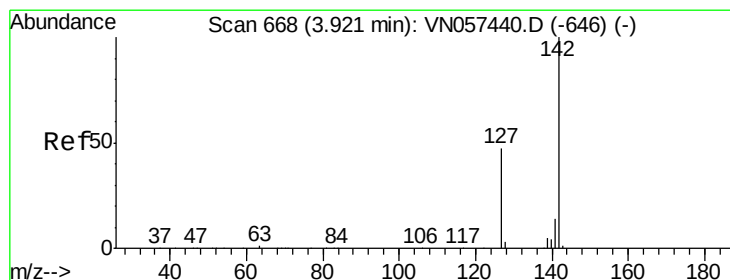
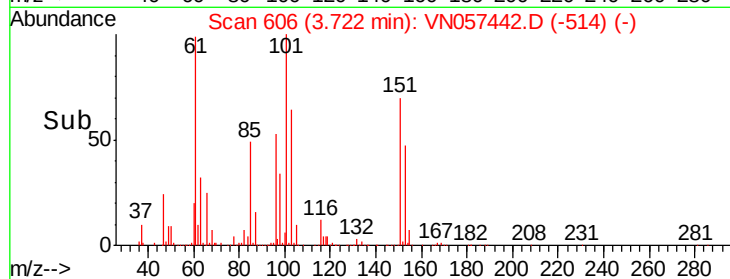
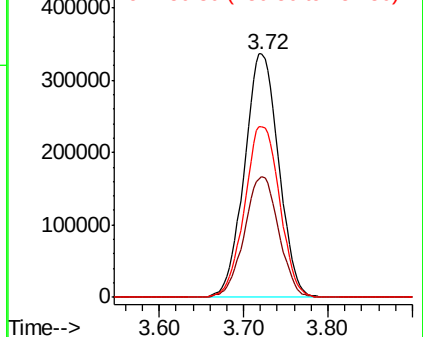
151 71.9 57.0 85.6



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: 145.191 ug/l

RT: 3.92 min Scan# 667

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

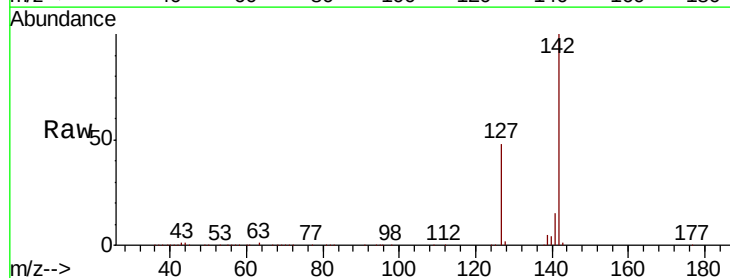
Tgt Ion:142 Resp: 810177

Ion Ratio Lower Upper

142 100

127 47.4 37.8 56.8

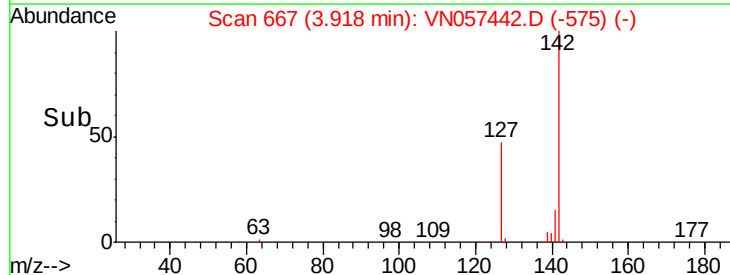
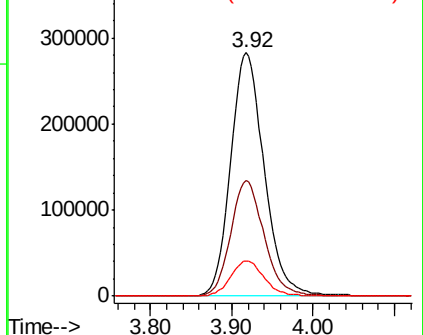
141 14.5 11.9 17.9

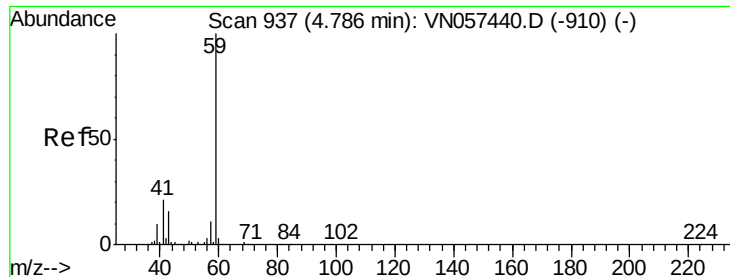


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



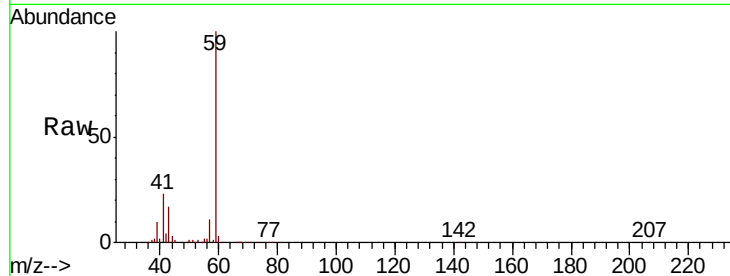


#11

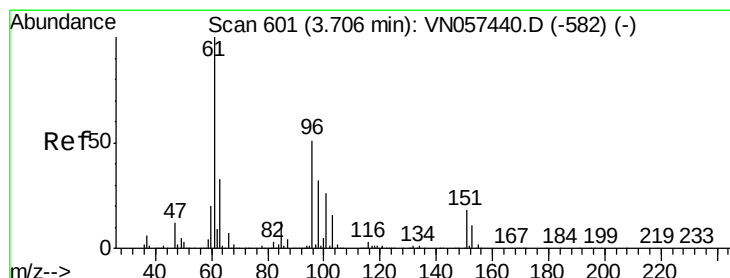
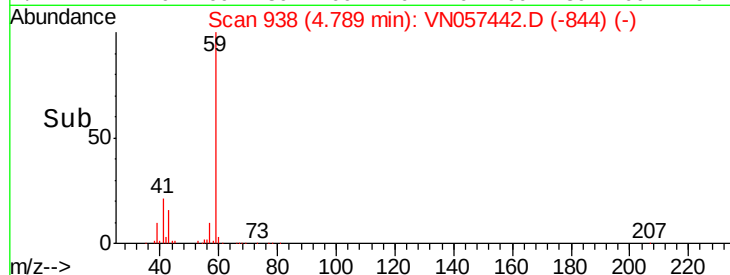
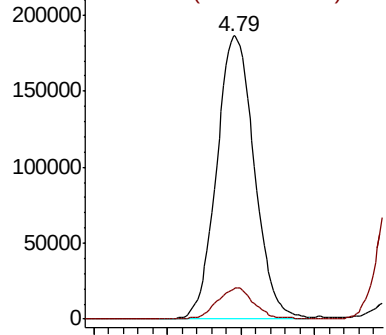
Tert butyl alcohol
Concen: 996.997 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 663461
Ion Ratio Lower Upper
59 100
57 10.4 9.1 13.7



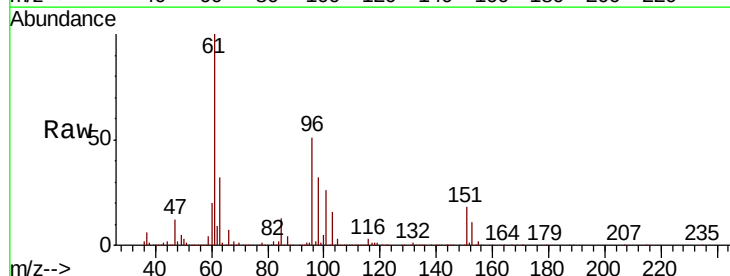
Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0



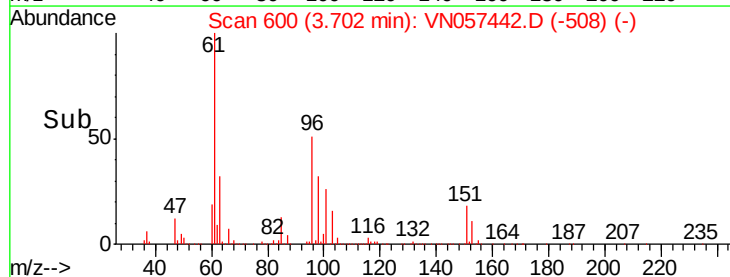
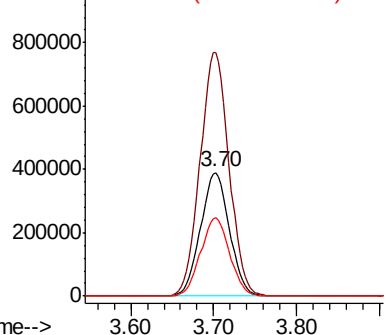
#12

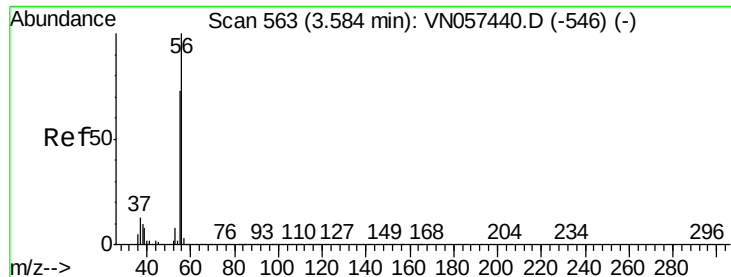
1,1-Dichloroethene
Concen: 234.941 ug/l
RT: 3.70 min Scan# 600
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion: 96 Resp: 943803
Ion Ratio Lower Upper
96 100
61 196.6 155.3 232.9
98 63.1 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: 1180.026 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

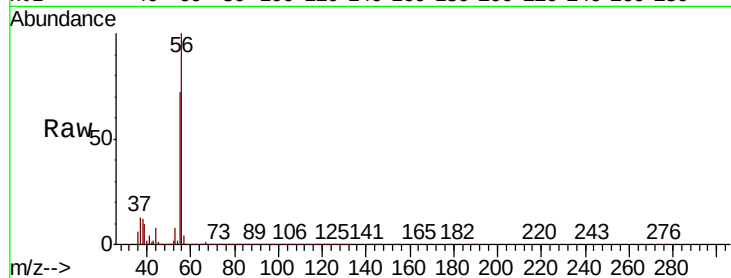
VSTDIC150

Tgt Ion: 56 Resp: 541042

Ion Ratio Lower Upper

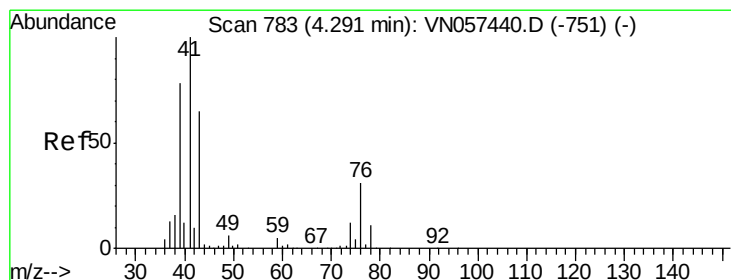
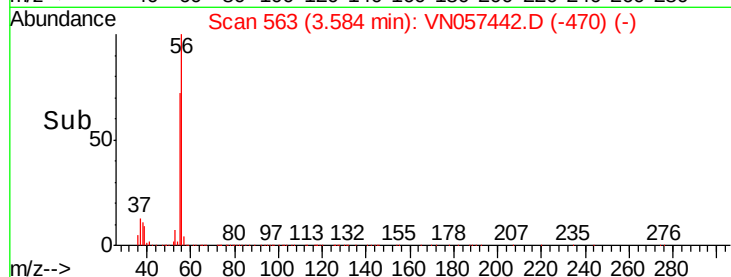
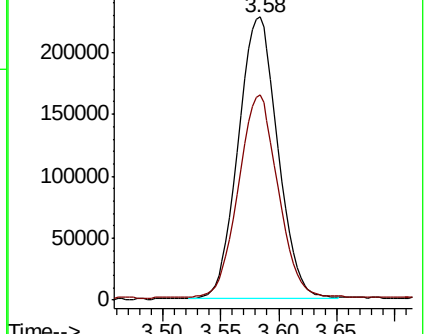
56 100

55 71.5 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: 221.312 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

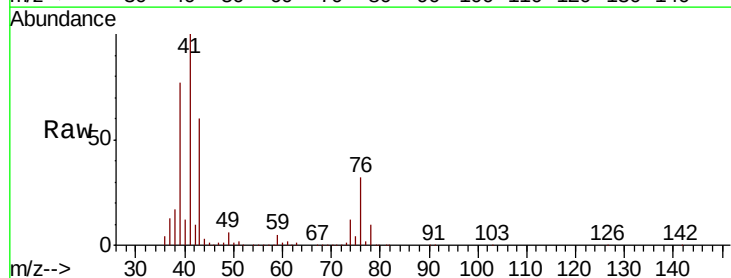
Tgt Ion: 41 Resp: 1380435

Ion Ratio Lower Upper

41 100

39 71.8 57.4 86.2

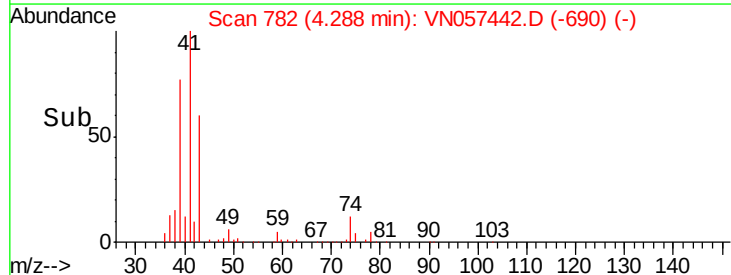
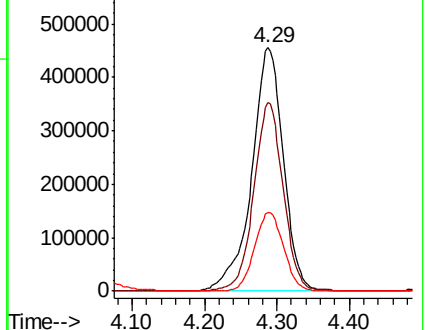
76 29.4 22.9 34.3

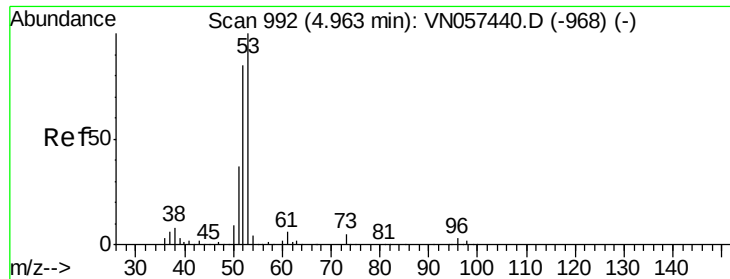


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 990.921 ug/l

RT: 4.96 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

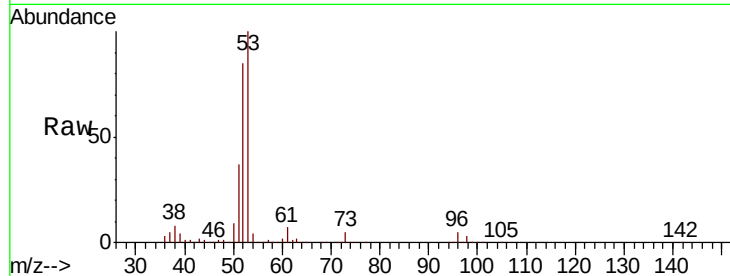
Tgt Ion: 53 Resp: 1777363

Ion Ratio Lower Upper

53 100

52 83.9 67.0 100.6

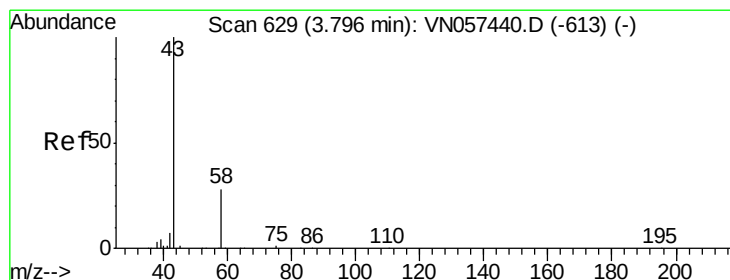
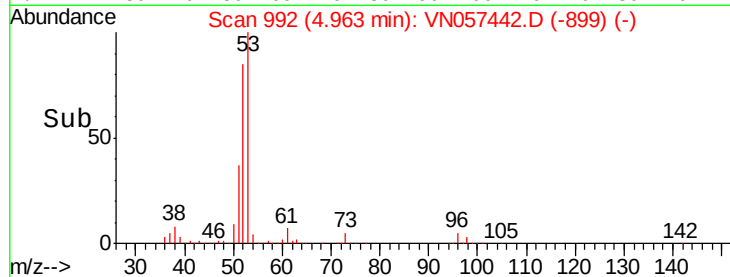
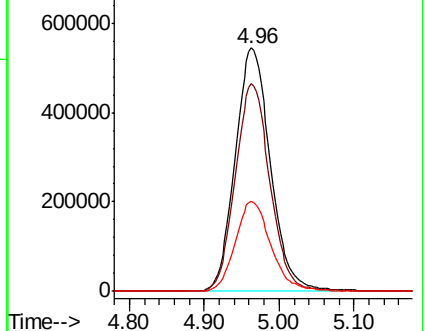
51 37.4 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN057442.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN057442.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN057442.D (-899) (-)



#16

Acetone

Concen: 950.813 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057442.D

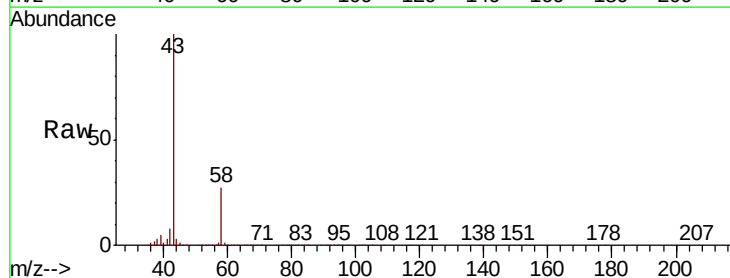
Acq: 22 Aug 2019 19:08

Tgt Ion: 43 Resp: 1547617

Ion Ratio Lower Upper

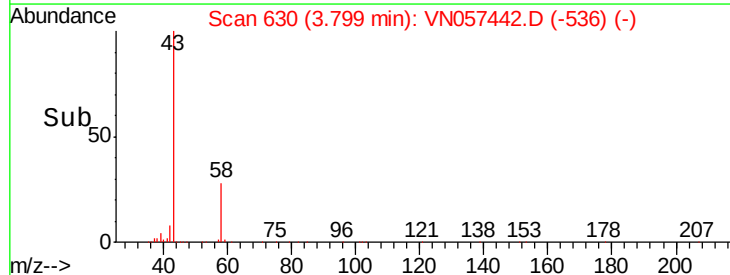
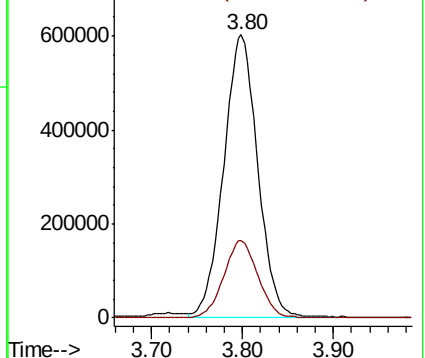
43 100

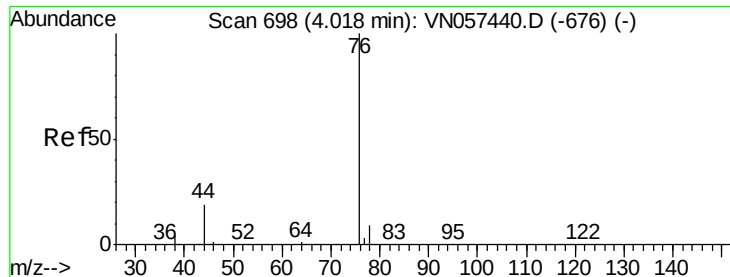
58 27.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN057442.D (-536) (-)

Ion 58.00 (57.70 to 58.70): VN057442.D (-536) (-)

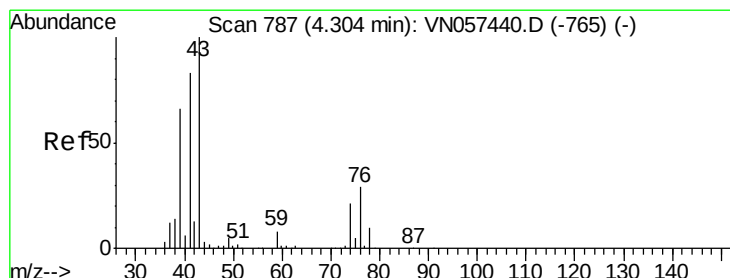
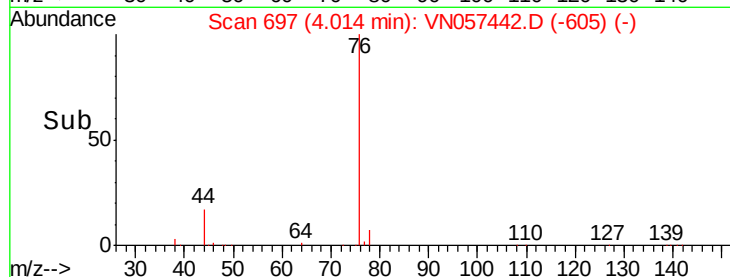
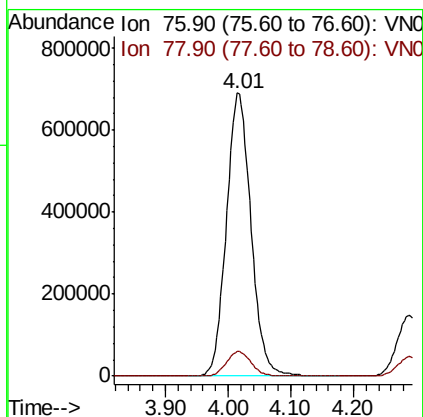
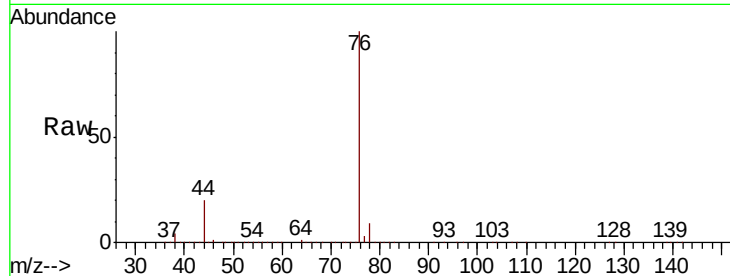




#17
Carbon Disulfide
Concen: 187.840 ug/l
RT: 4.01 min Scan# 697
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

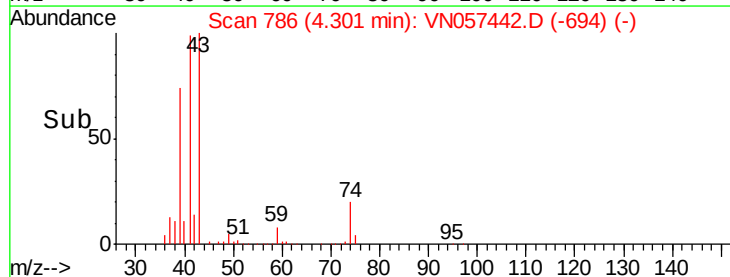
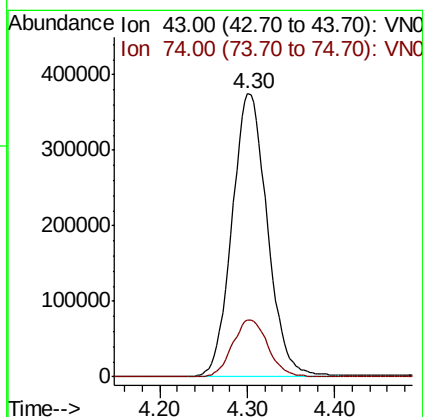
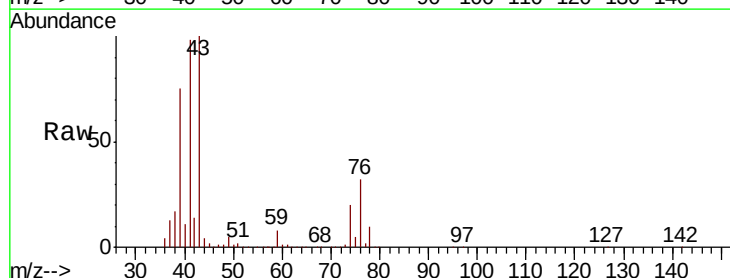
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

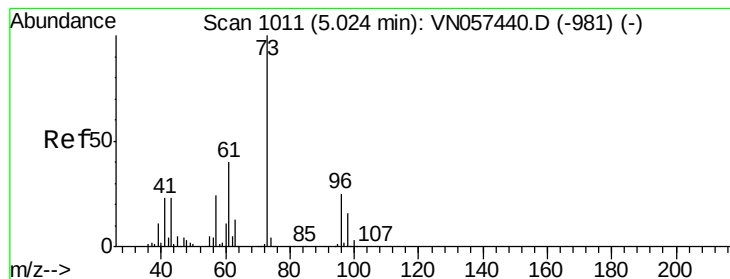
Tgt Ion: 76 Resp: 1874948
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 158.130 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion: 43 Resp: 1043029
Ion Ratio Lower Upper
43 100
74 20.3 15.9 23.9





#19

Methyl tert-butyl Ether

Concen: 195.687 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

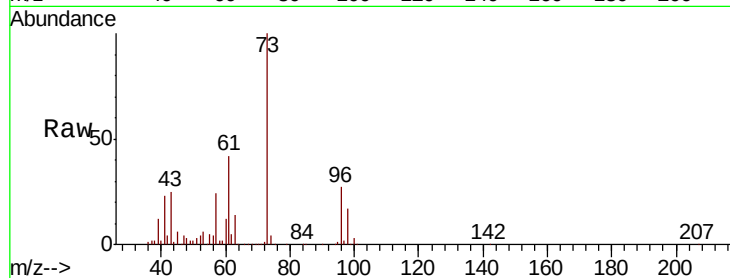
VSTDIC150

Tgt Ion: 73 Resp: 2315375

Ion Ratio Lower Upper

73 100

57 23.6 19.1 28.7



Abundance Ion 73.00 (72.70 to 73.70): VN057440.D (-981) (-)

Ion 57.00 (56.70 to 57.70): VN057440.D (-981) (-)

5.02

600000

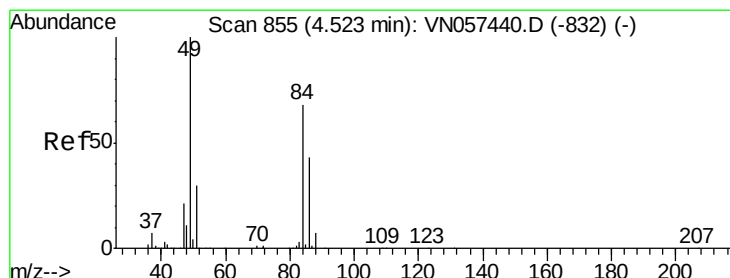
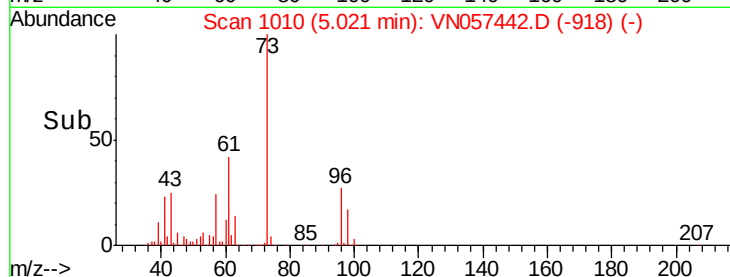
400000

200000

0

4.90 5.00 5.10 5.20

Time-->



#20

Methylene Chloride

Concen: 167.719 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.01 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Tgt Ion: 84 Resp: 734168

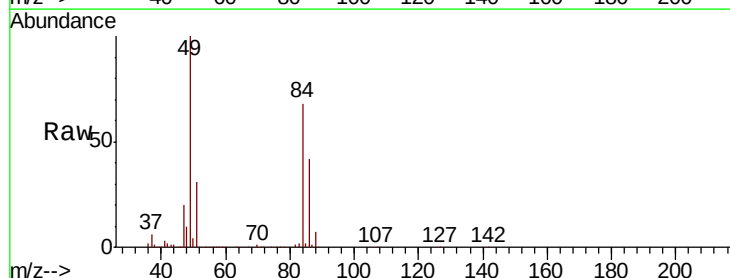
Ion Ratio Lower Upper

84 100

49 147.0 117.0 175.4

51 45.0 35.5 53.3

86 62.0 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN057440.D (-832) (-)

Ion 48.90 (48.60 to 49.60): VN057440.D (-832) (-)

Ion 50.90 (50.60 to 51.60): VN057440.D (-832) (-)

Ion 85.90 (85.60 to 86.60): VN057440.D (-832) (-)

500000

400000

300000

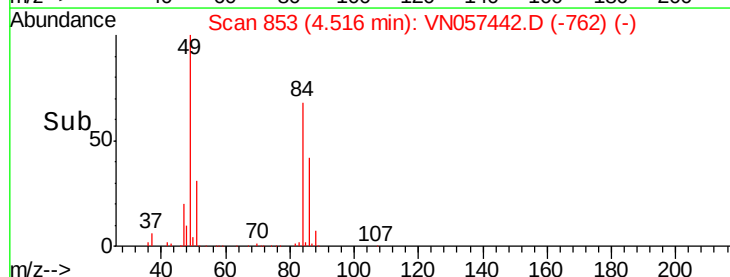
200000

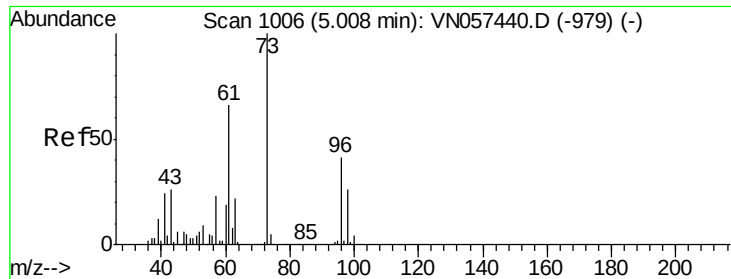
100000

0

4.40 4.50 4.60

Time-->





#21

trans-1,2-Dichloroethene

Concen: 175.142 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

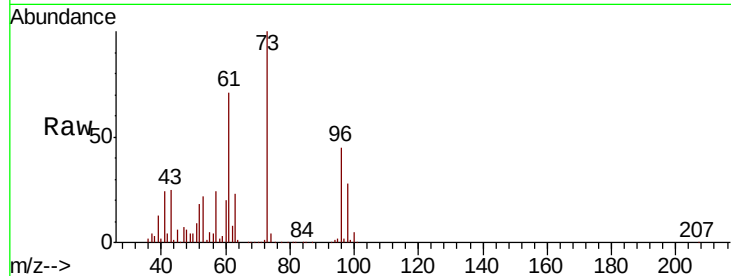
Tgt Ion: 96 Resp: 687949

Ion Ratio Lower Upper

96 100

61 156.1 127.9 191.9

98 62.1 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN057442.D (-913) (-)

Ion 60.90 (60.60 to 61.60): VN057442.D (-913) (-)

Ion 97.90 (97.60 to 98.60): VN057442.D (-913) (-)

400000

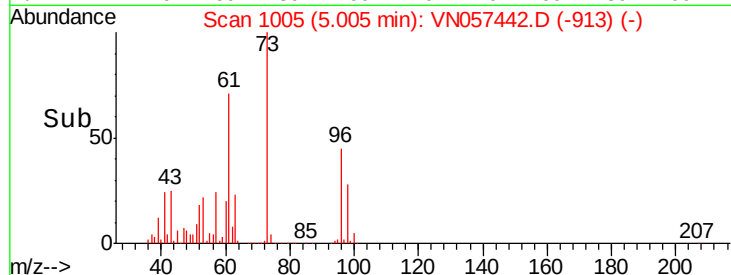
300000

200000

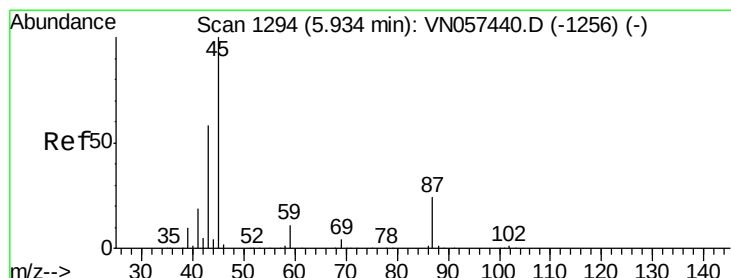
100000

0

Time-->



Time-->



#22

Diisopropyl ether

Concen: 228.455 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Tgt Ion: 45 Resp: 2848463

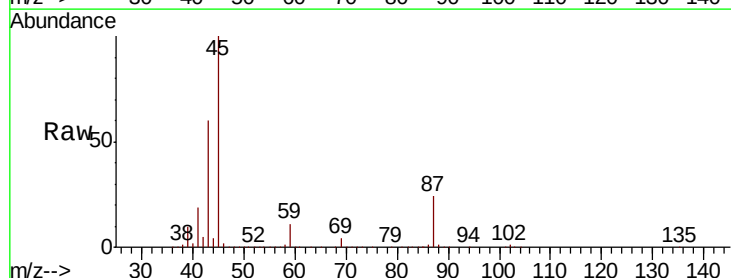
Ion Ratio Lower Upper

45 100

43 59.1 46.9 70.3

87 23.8 19.3 28.9

59 10.3 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VN057442.D (-1201) (-)

Ion 43.00 (42.70 to 43.70): VN057442.D (-1201) (-)

Ion 87.00 (86.70 to 87.70): VN057442.D (-1201) (-)

Ion 59.00 (58.70 to 59.70): VN057442.D (-1201) (-)

5000000

4000000

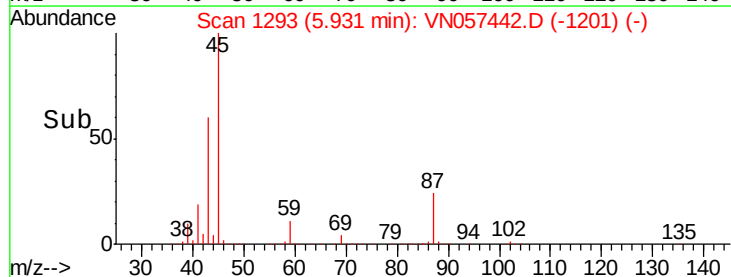
3000000

2000000

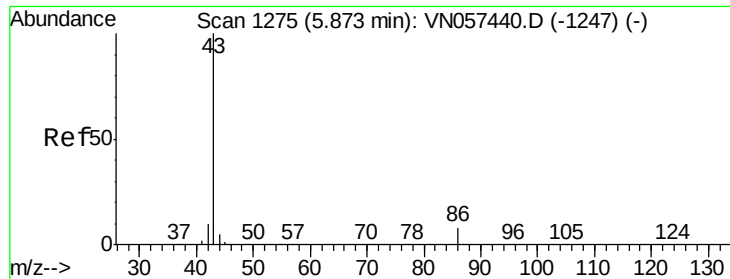
1000000

0

Time-->



Time-->



#23

Vinyl Acetate

Concen: 1129.540 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

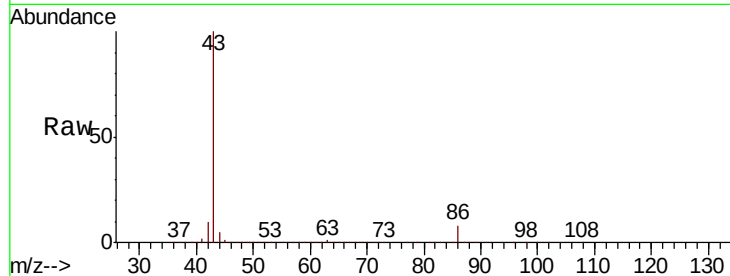
VSTDIC150

Tgt Ion: 43 Resp:11213109

Ion Ratio Lower Upper

43 100

86 8.4 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.87

3000000

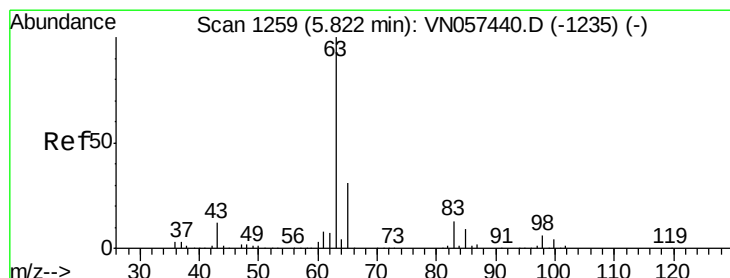
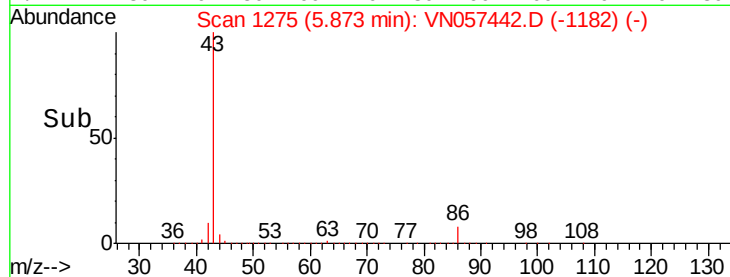
2000000

1000000

0

Time-->

5.80 6.00



#24

1,1-Dichloroethane

Concen: 199.335 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

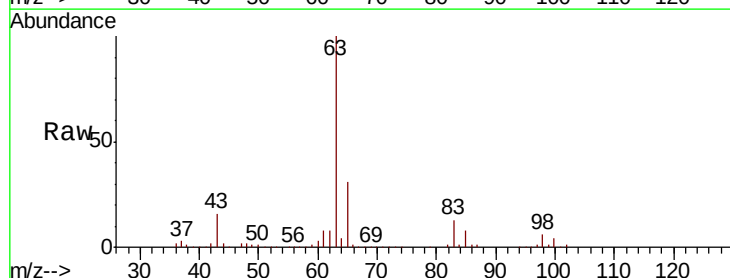
Tgt Ion: 63 Resp: 1471073

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.6

100 3.7 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.82

600000

500000

400000

300000

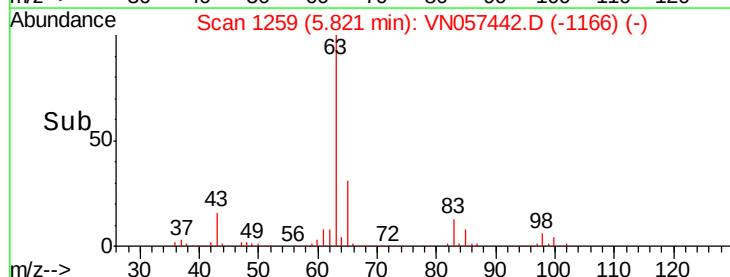
200000

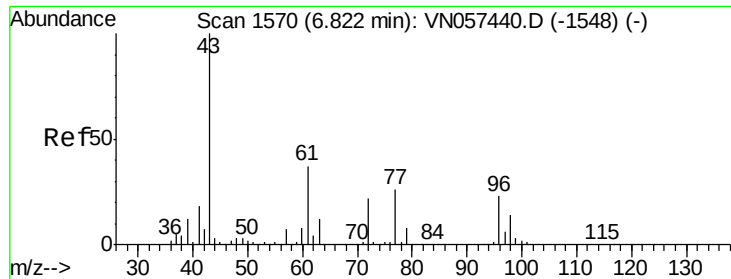
100000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 1062.405 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

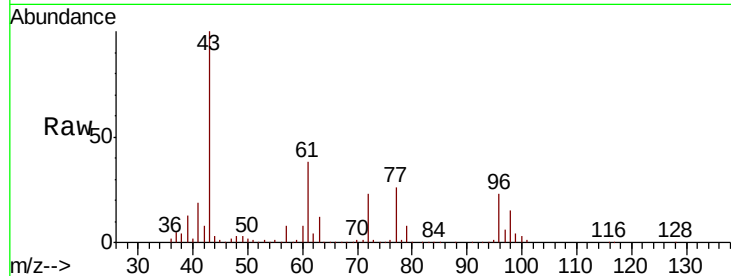
VSTDIC150

Tgt Ion: 43 Resp: 2539448

Ion Ratio Lower Upper

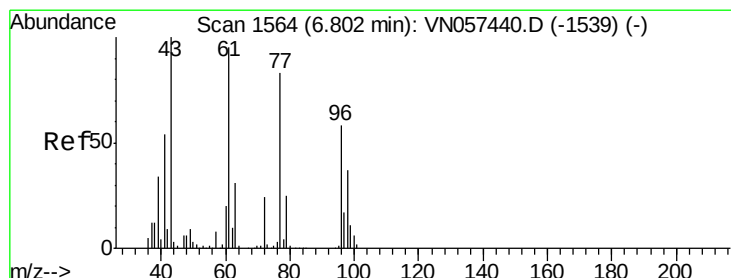
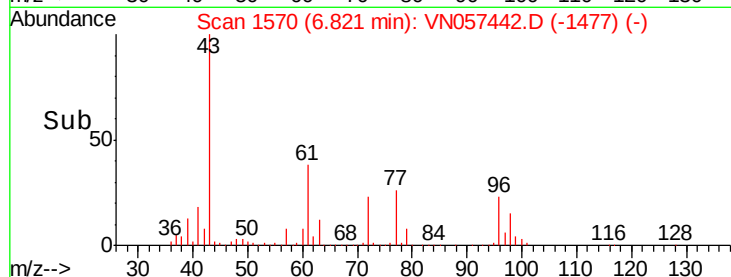
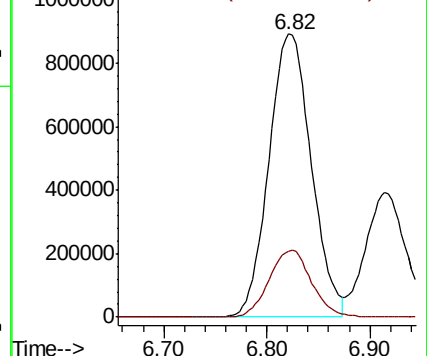
43 100

72 23.5 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 203.135 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN057442.D

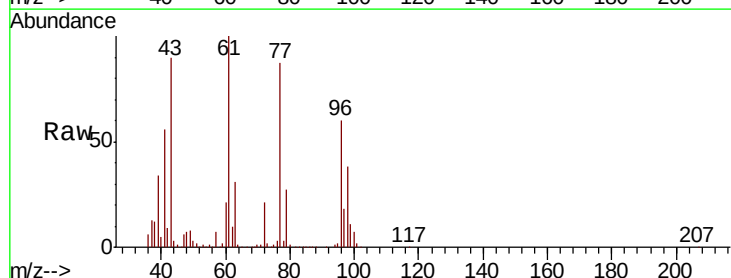
Acq: 22 Aug 2019 19:08

Tgt Ion: 77 Resp: 1221641

Ion Ratio Lower Upper

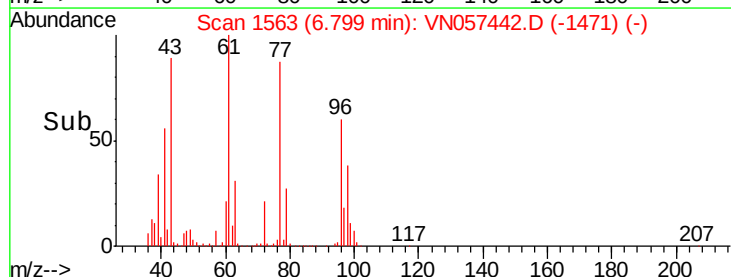
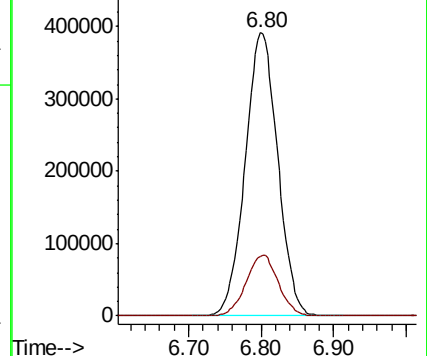
77 100

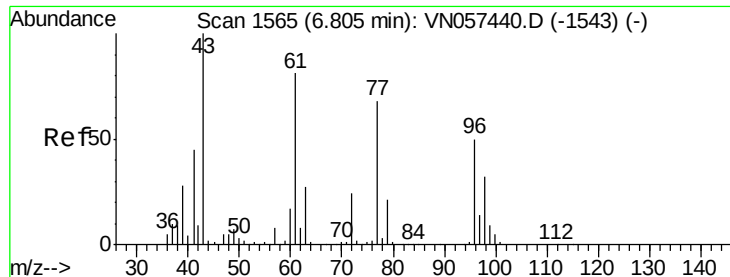
97 21.3 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 177.143 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

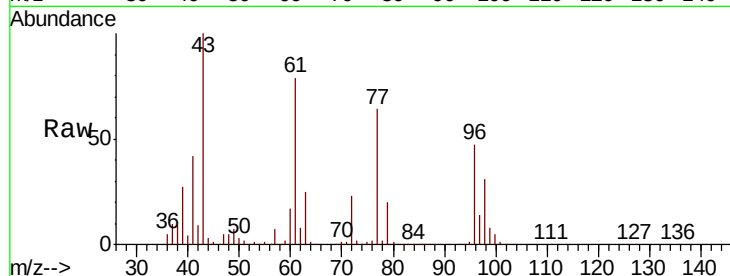
Tgt Ion: 96 Resp: 826405

Ion Ratio Lower Upper

96 100

61 165.5 0.0 334.8

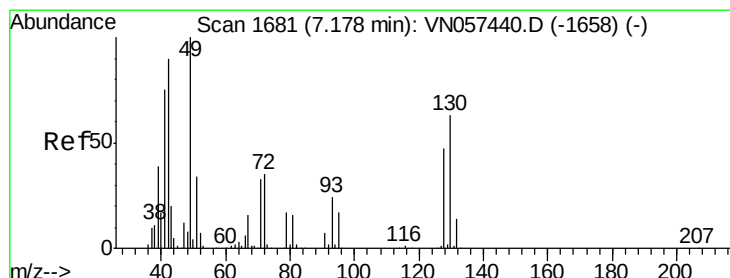
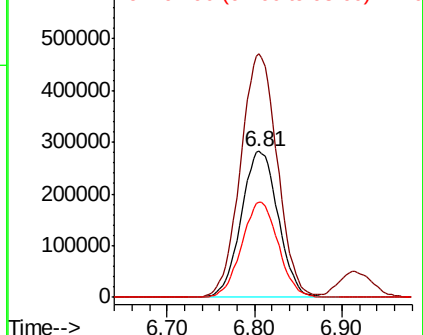
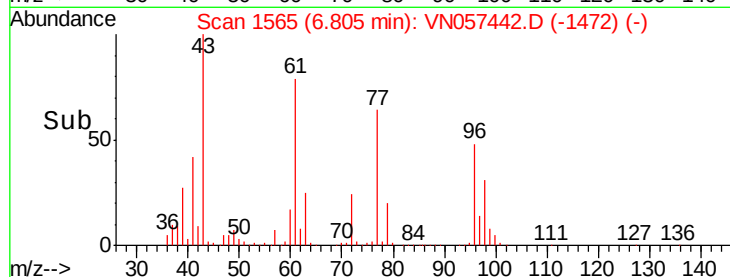
98 64.5 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 230.502 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

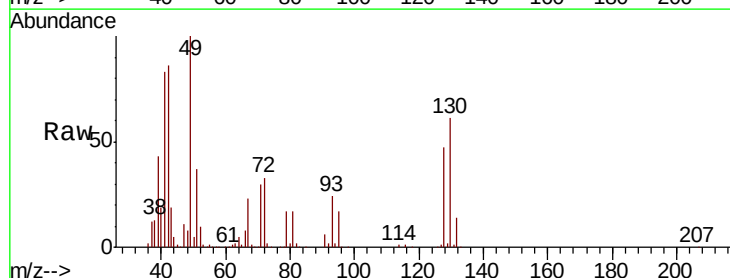
Tgt Ion: 49 Resp: 809791

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

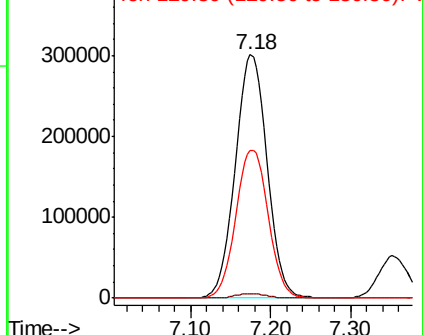
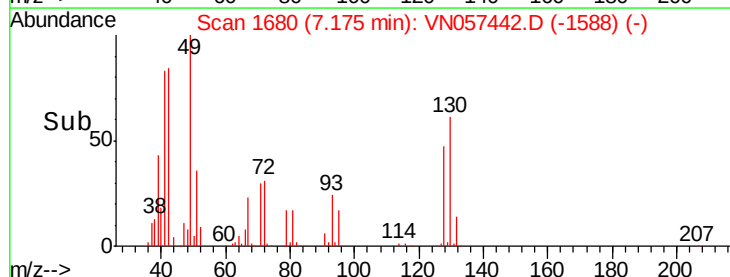
130 61.9 48.6 72.8

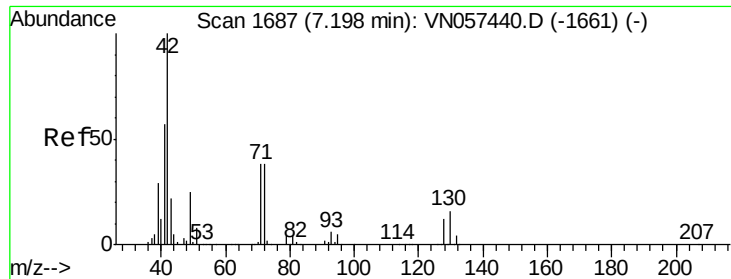


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

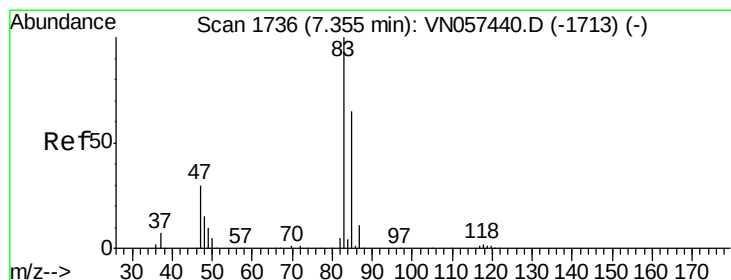
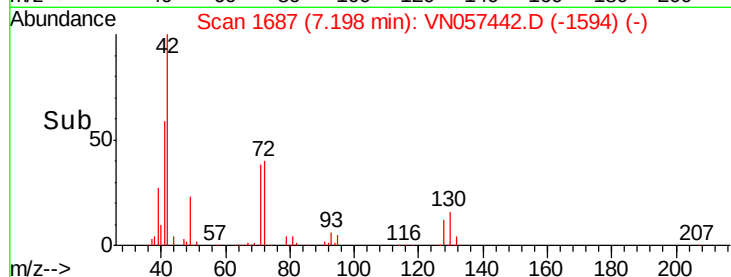
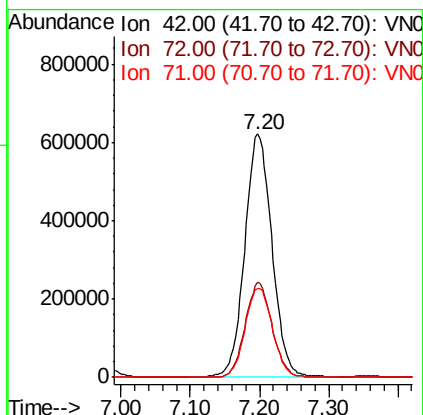
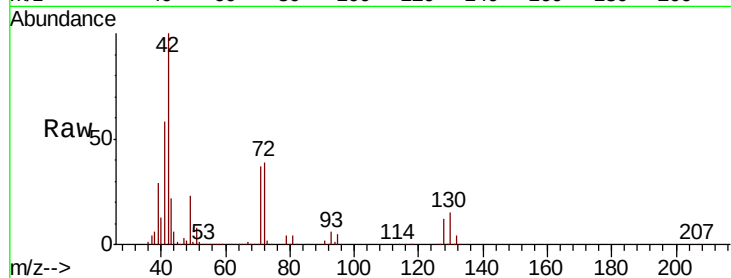




#29
Tetrahydrofuran
Concen: 1104.882 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

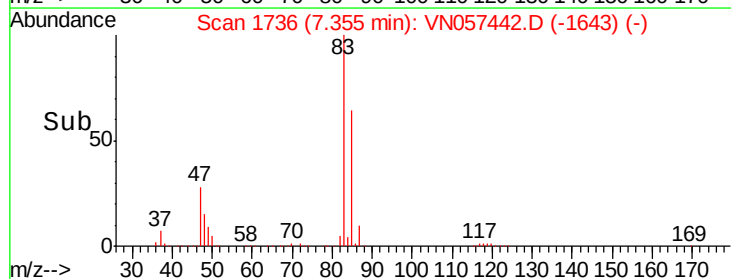
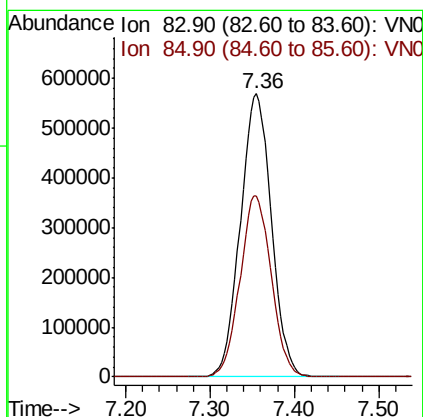
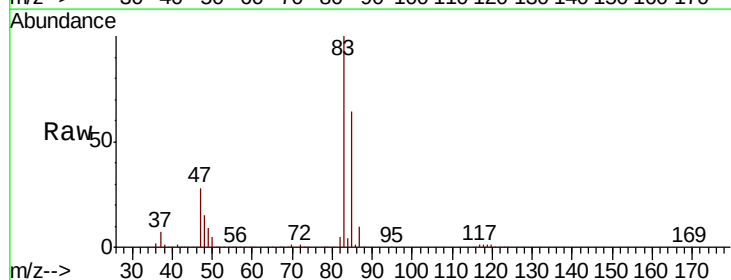
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

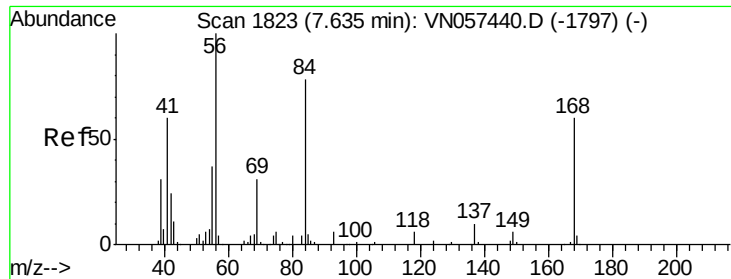
Tgt Ion: 42 Resp: 1692460
Ion Ratio Lower Upper
42 100
72 38.3 30.1 45.1
71 37.0 28.8 43.2



#30
Chloroform
Concen: 190.718 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion: 83 Resp: 1456851
Ion Ratio Lower Upper
83 100
85 63.9 51.9 77.9

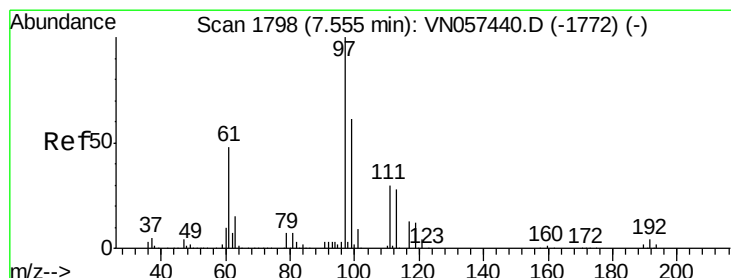
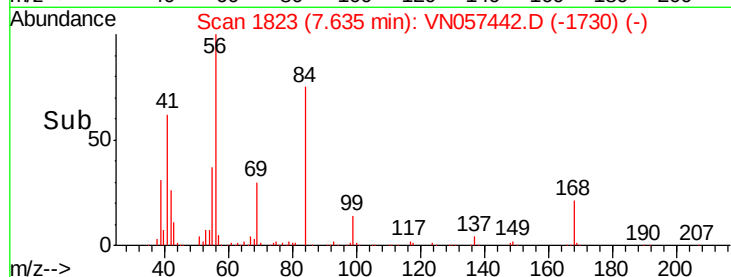
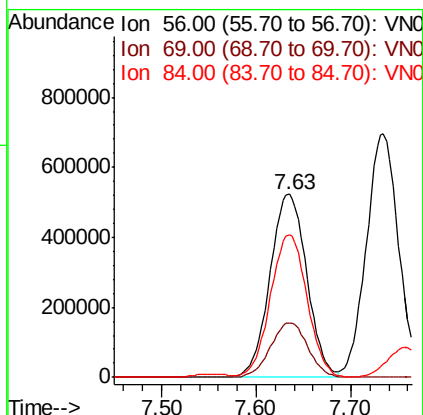
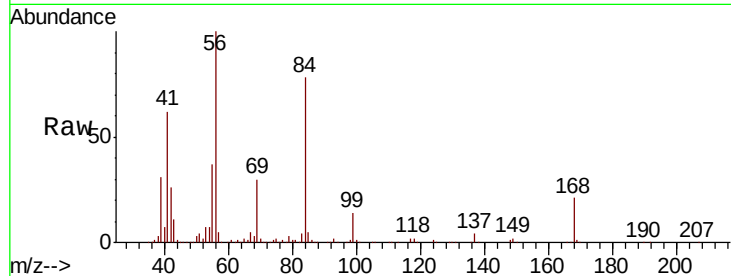




#31
Cyclohexane
Concen: 209.670 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

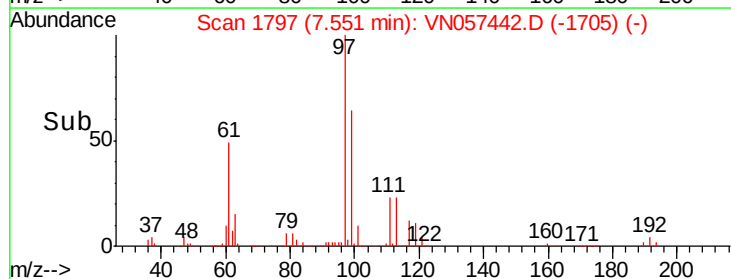
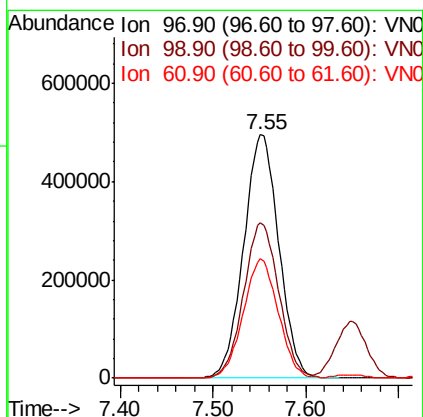
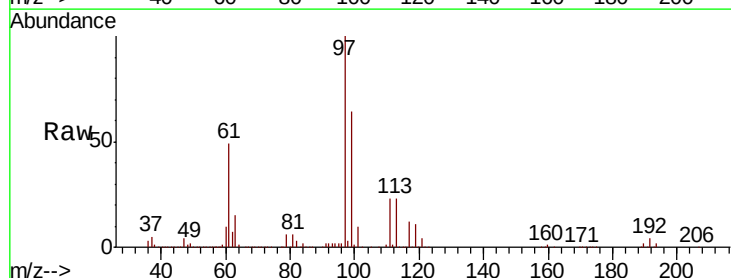
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

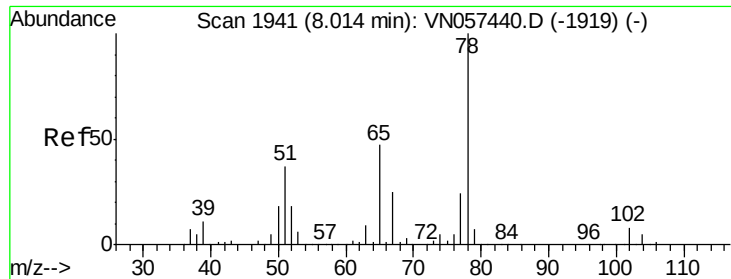
Tgt Ion: 56 Resp: 1411182
Ion Ratio Lower Upper
56 100
69 29.8 25.0 37.6
84 77.2 62.5 93.7



#32
1,1,1-Trichloroethane
Concen: 202.566 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion: 97 Resp: 1301675
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 48.8 39.8 59.6

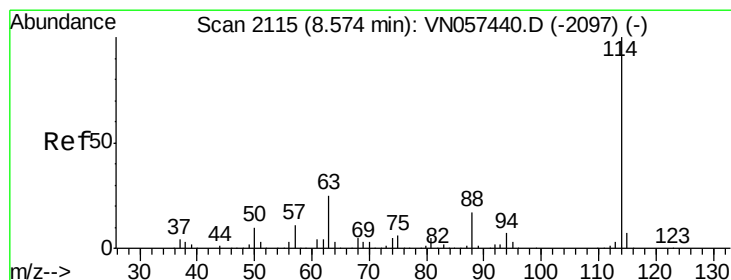
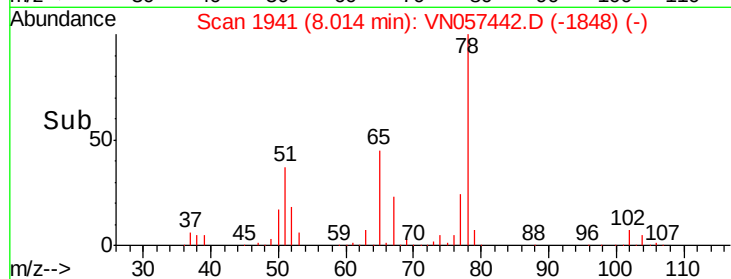
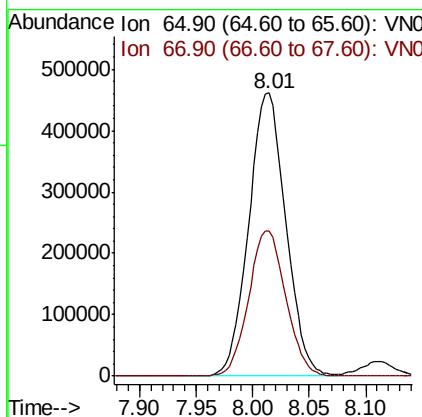
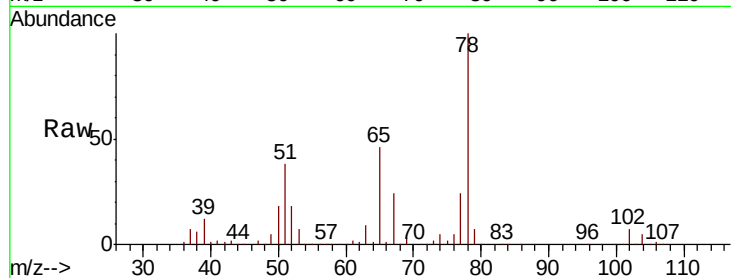




#33
 1,2-Dichloroethane-d4
 Concen: 211.860 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

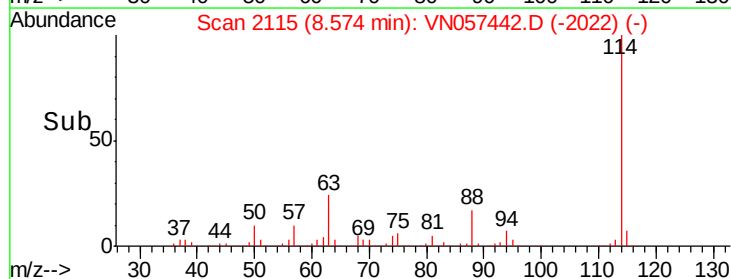
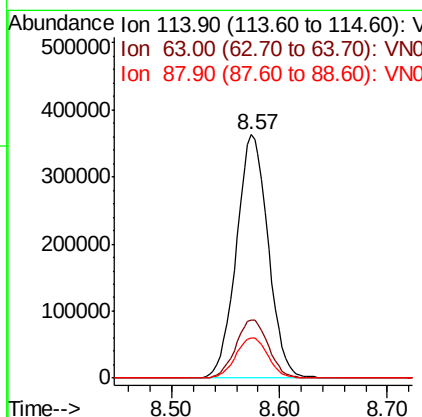
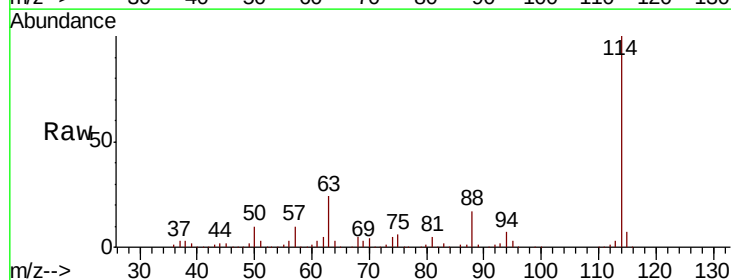
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

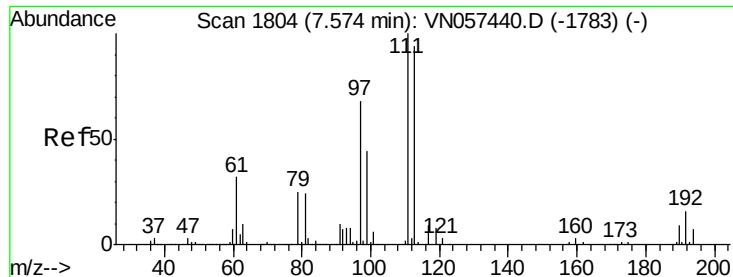
Tgt Ion: 65 Resp: 1050058
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

Tgt Ion: 114 Resp: 744808
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.2
 88 16.6 0.0 34.6





#35

Dibromofluoromethane

Concen: 149.784 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

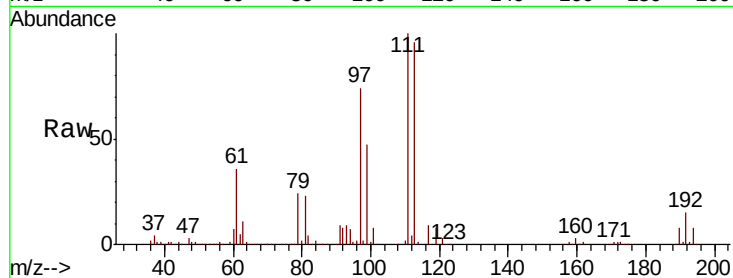
Tgt Ion:113 Resp: 737572

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 16.3 13.5 20.3

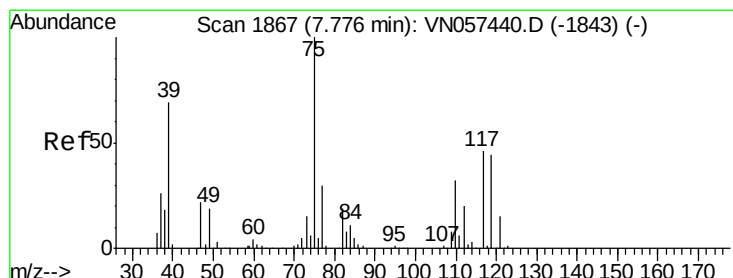
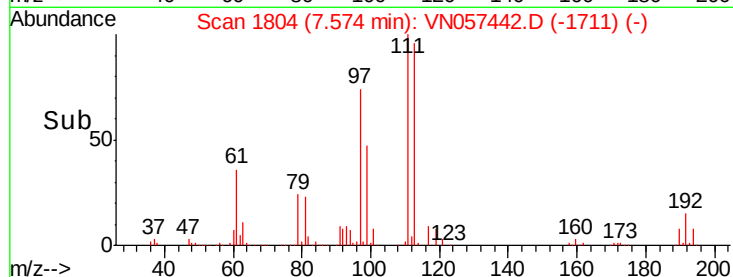
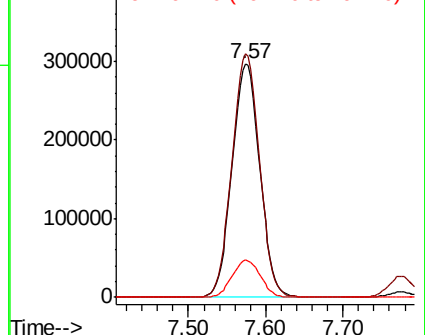


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 164.463 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

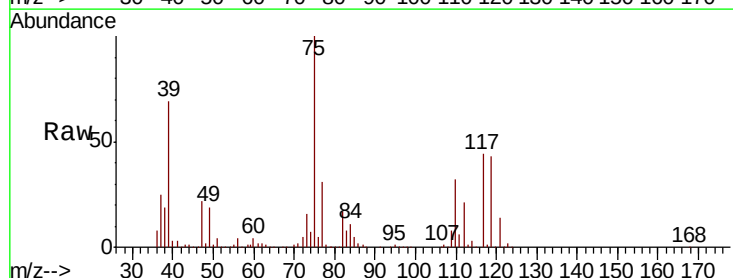
Tgt Ion: 75 Resp: 1102575

Ion Ratio Lower Upper

75 100

110 31.8 16.1 48.3

77 30.8 24.8 37.2

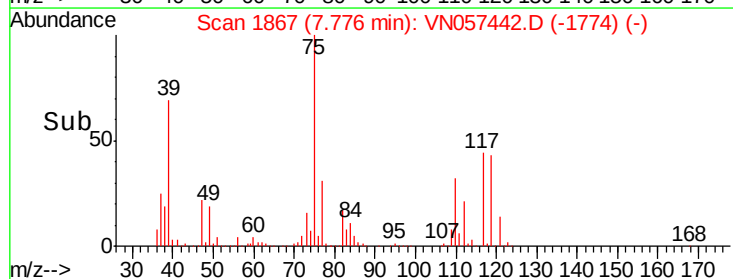
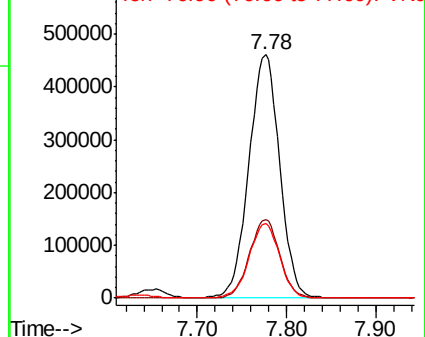


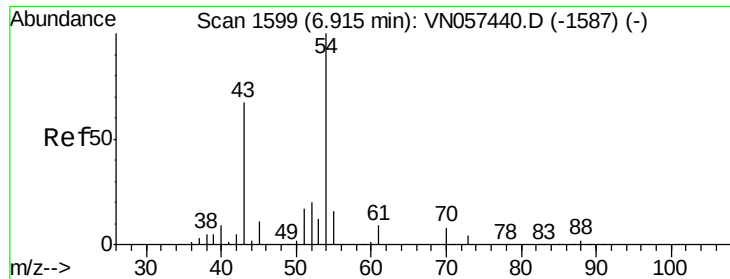
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

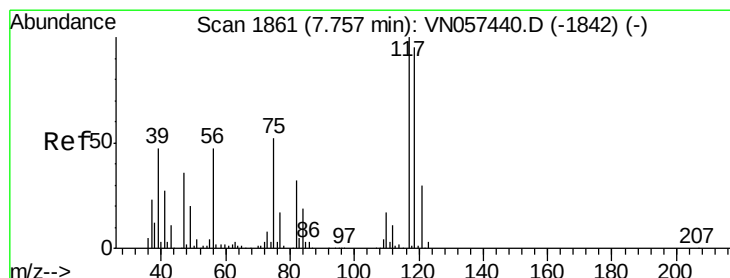
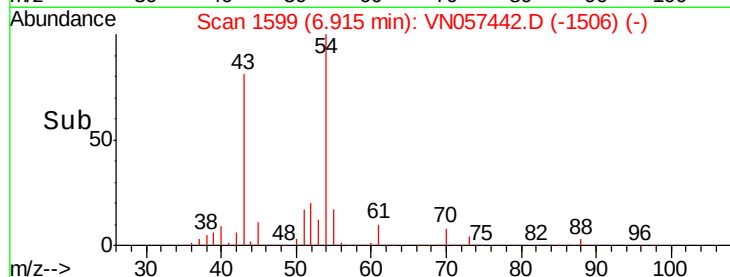
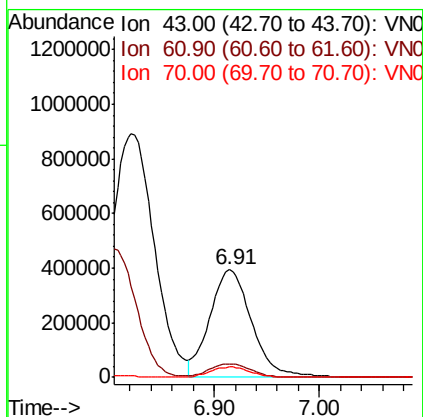
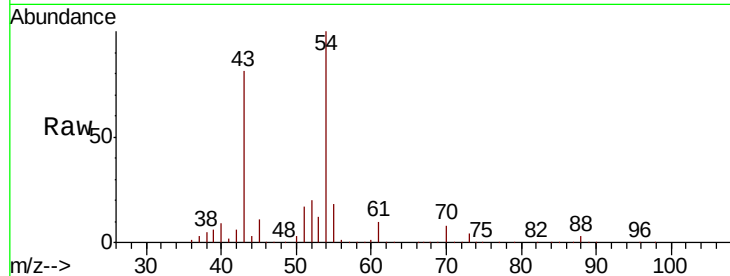




#37
Ethyl Acetate
Concen: 189.371 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

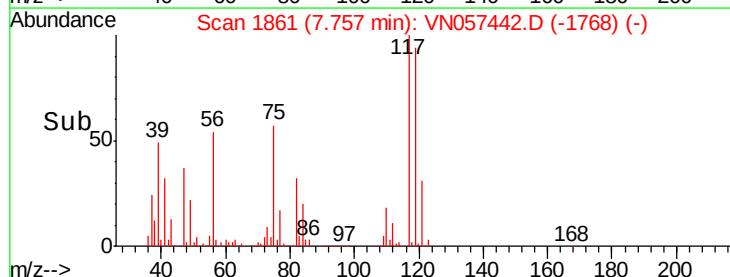
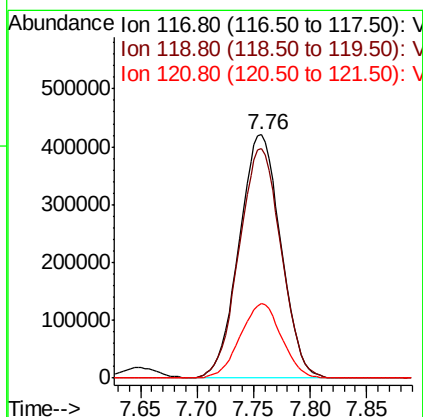
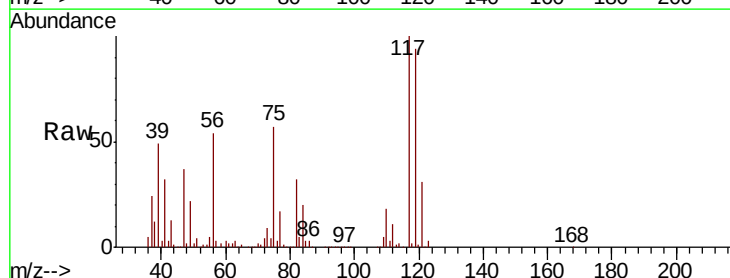
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

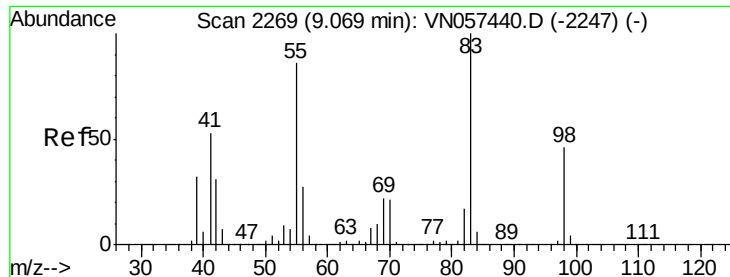
Tgt Ion: 43 Resp: 1068110
Ion Ratio Lower Upper
43 100
61 12.8 9.9 14.9
70 9.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 155.650 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion: 117 Resp: 1073797
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.4
121 30.6 23.8 35.6

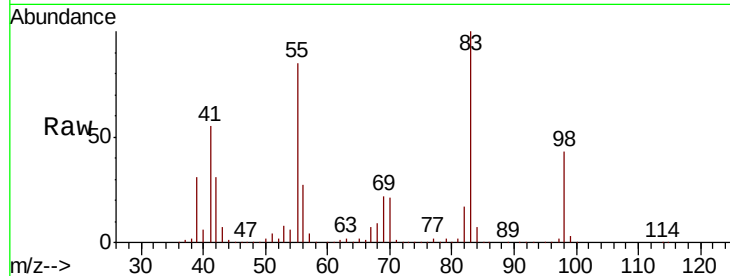




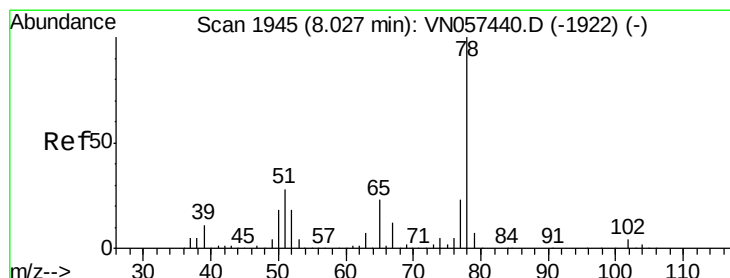
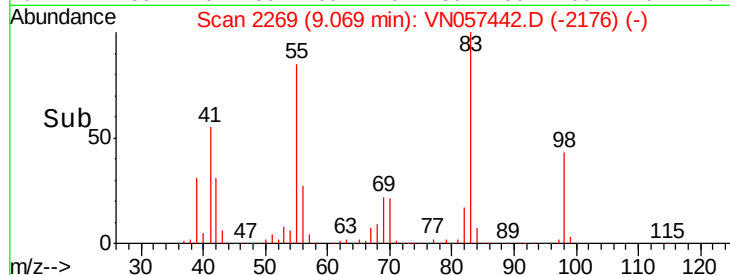
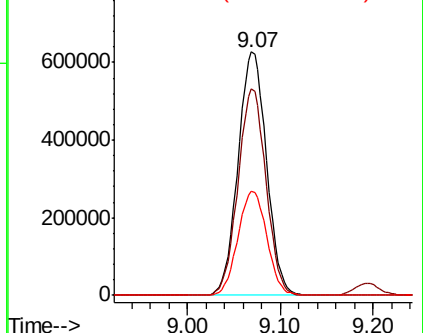
#39
Methylcyclohexane
Concen: 169.463 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 1333073
Ion Ratio Lower Upper
83 100
55 84.7 68.6 102.8
98 42.7 36.6 54.8

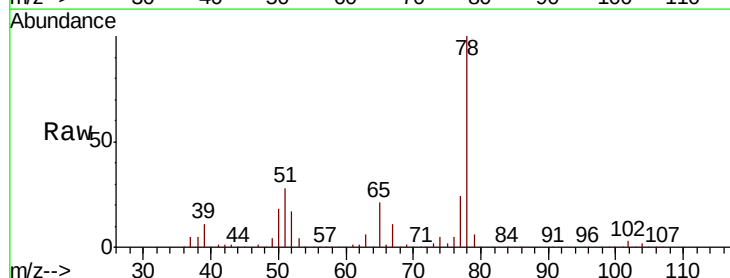


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

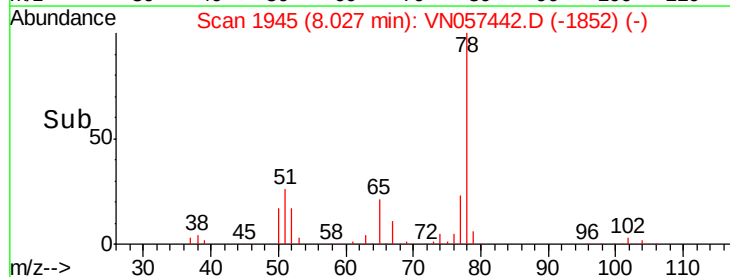
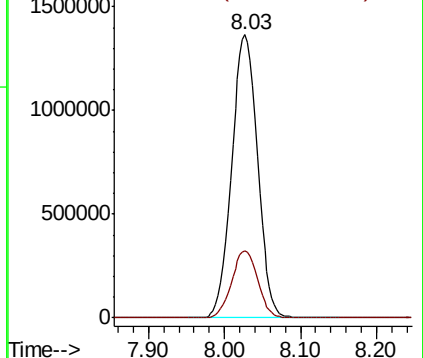


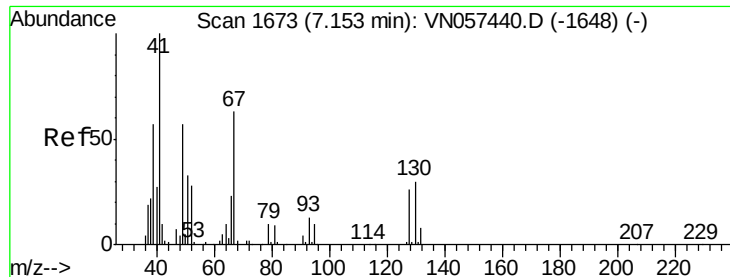
#40
Benzene
Concen: 157.719 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion: 78 Resp: 3215461
Ion Ratio Lower Upper
78 100
77 23.7 18.5 27.7



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





#41

Methacrylonitrile

Concen: 220.130 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 566592

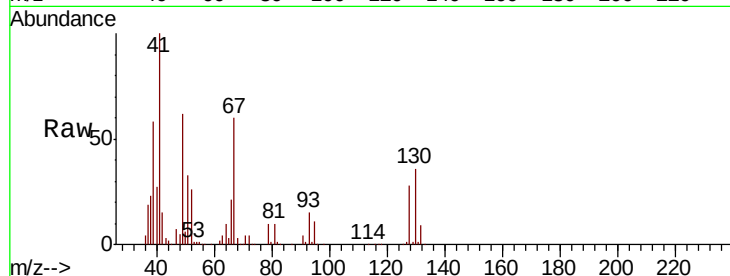
Ion Ratio Lower Upper

41 100

39 61.8 53.6 80.4

67 70.8 65.4 98.2

52 31.8 29.8 44.6

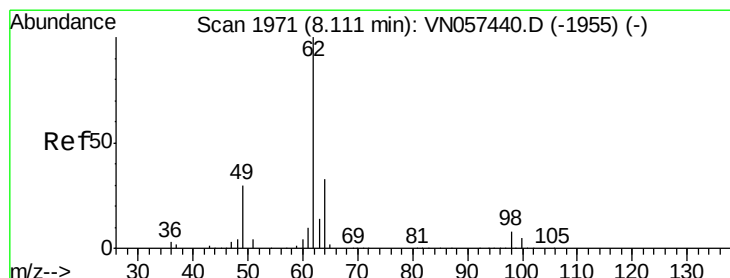
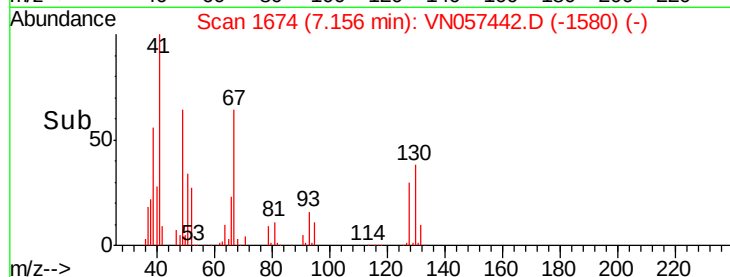
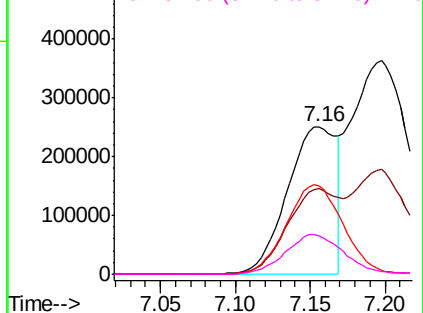


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 177.951 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VN057442.D

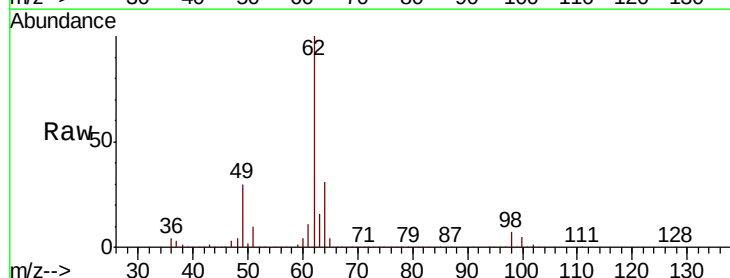
Acq: 22 Aug 2019 19:08

Tgt Ion: 62 Resp: 1231902

Ion Ratio Lower Upper

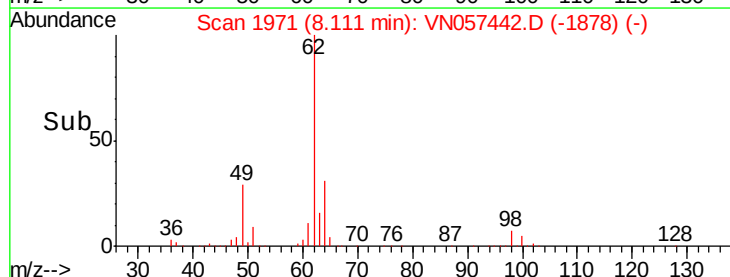
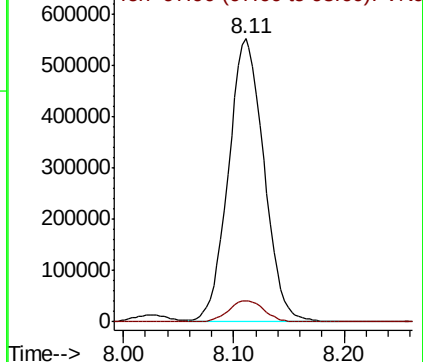
62 100

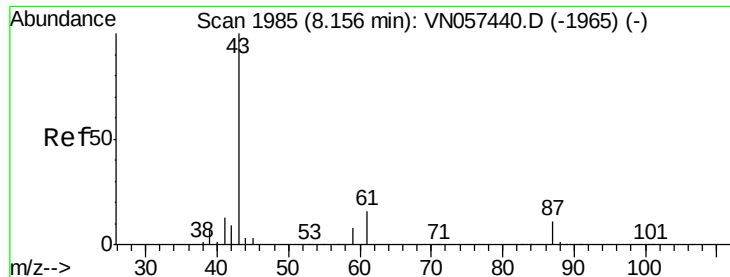
98 7.6 0.0 15.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 162.861 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

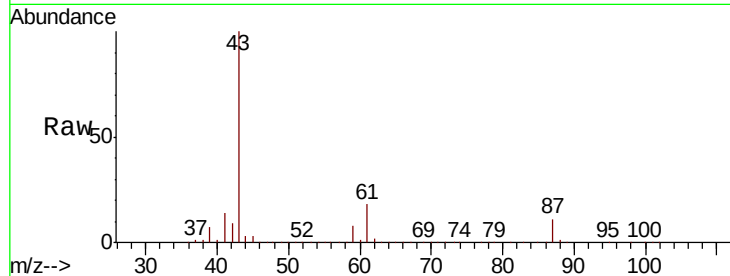
Tgt Ion: 43 Resp: 1975288

Ion Ratio Lower Upper

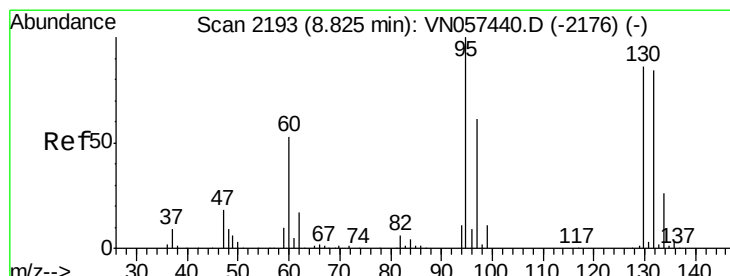
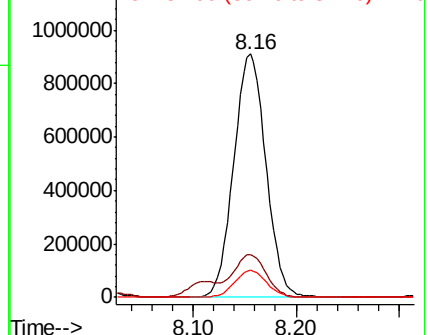
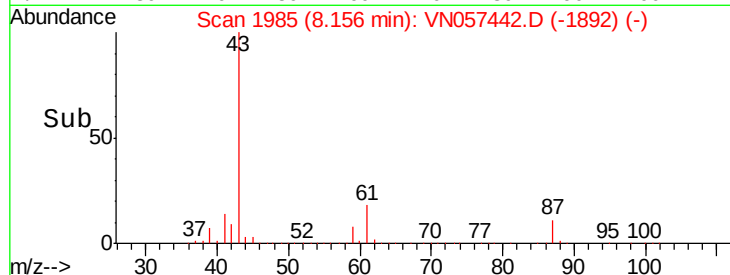
43 100

61 17.8 14.5 21.7

87 11.0 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057442.D (-1892) (-)



#44

Trichloroethene

Concen: 133.870 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057442.D

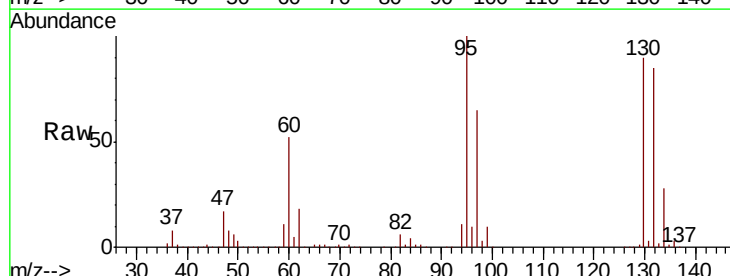
Acq: 22 Aug 2019 19:08

Tgt Ion: 130 Resp: 744685

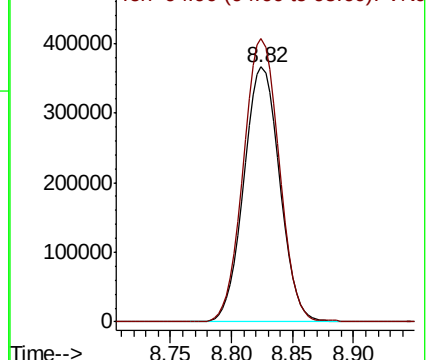
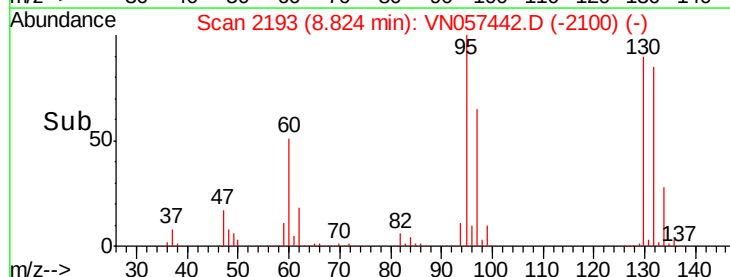
Ion Ratio Lower Upper

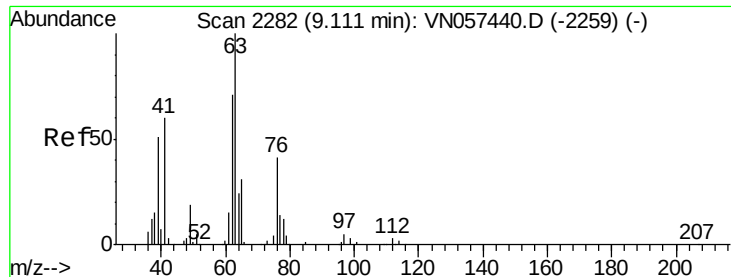
130 100

95 111.0 0.0 231.6



Abundance Ion 129.80 (129.50 to 130.50): VN057442.D (-2100) (-)

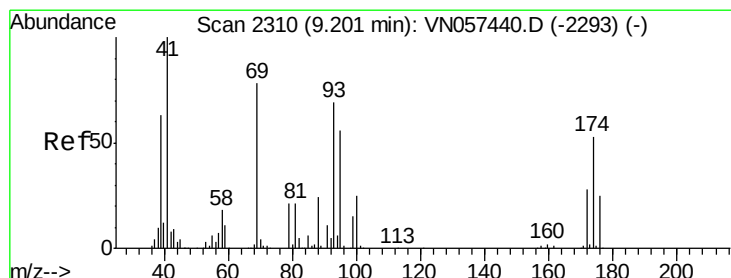
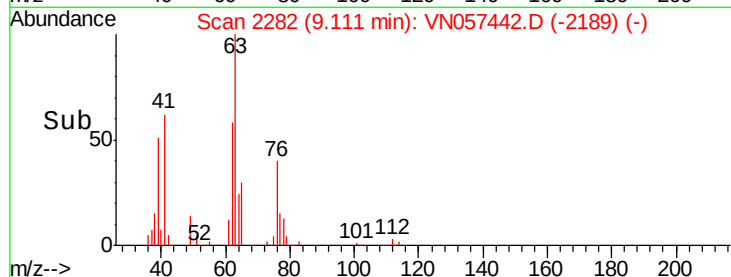
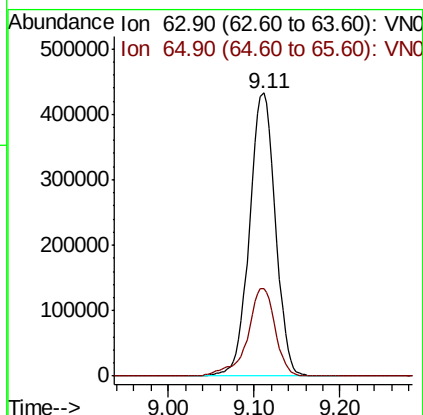
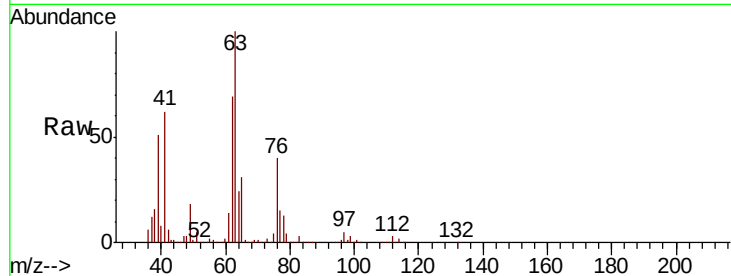




#45
 1,2-Dichloropropane
 Concen: 170.344 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

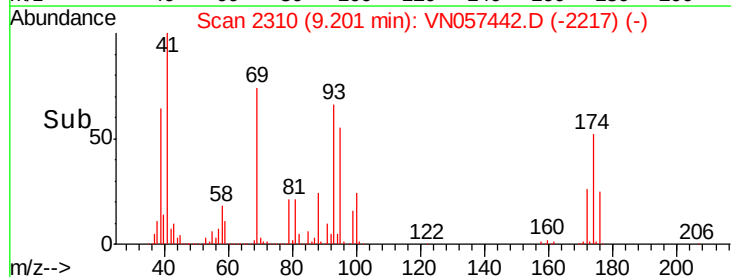
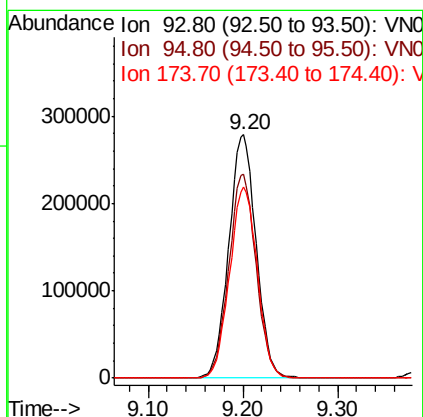
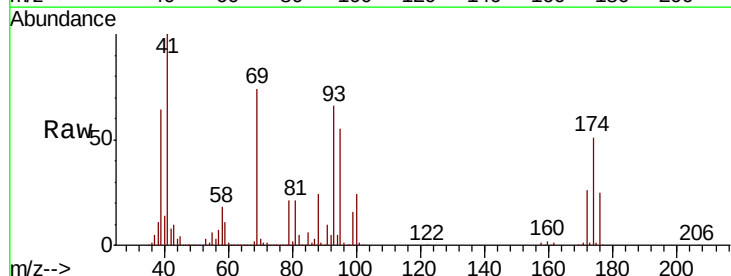
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

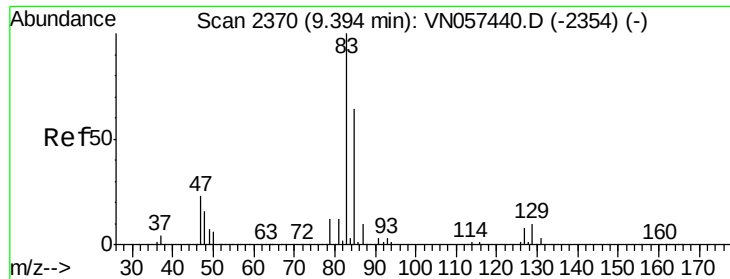
Tgt Ion: 63 Resp: 907127
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1



#46
 Dibromomethane
 Concen: 158.964 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

Tgt Ion: 93 Resp: 558965
 Ion Ratio Lower Upper
 93 100
 95 83.2 64.7 97.1
 174 79.7 62.3 93.5





#47

Bromodichloromethane

Concen: 172.400 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

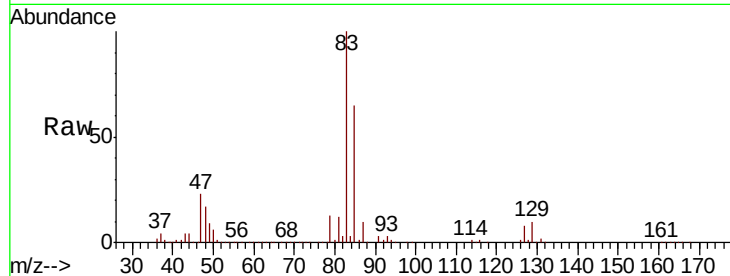
Tgt Ion: 83 Resp: 1210659

Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

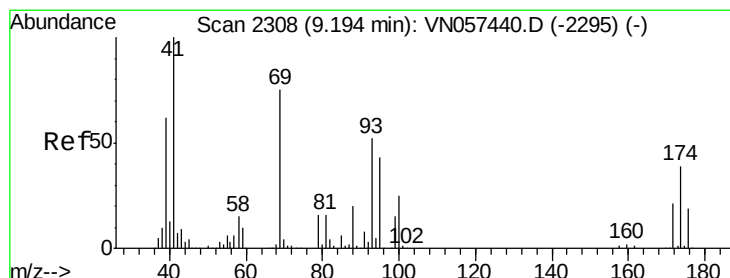
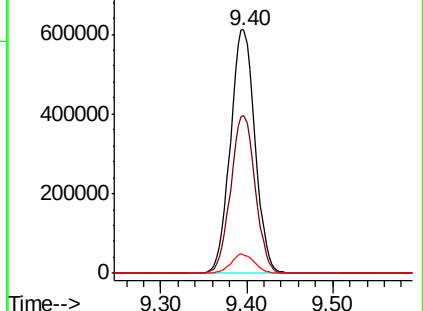
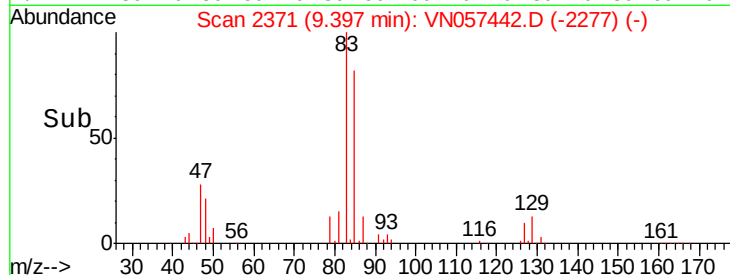
127 7.8 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN057442.D (-2277) (-)

Ion 84.90 (84.60 to 85.60): VN057442.D (-2277) (-)

Ion 126.80 (126.50 to 127.50): VN057442.D (-2277) (-)



#48

Methyl methacrylate

Concen: 198.803 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

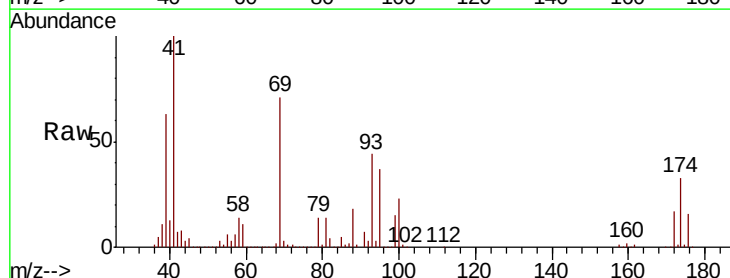
Tgt Ion: 41 Resp: 939524

Ion Ratio Lower Upper

41 100

69 75.1 59.3 88.9

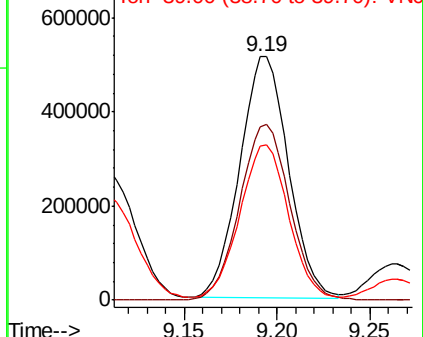
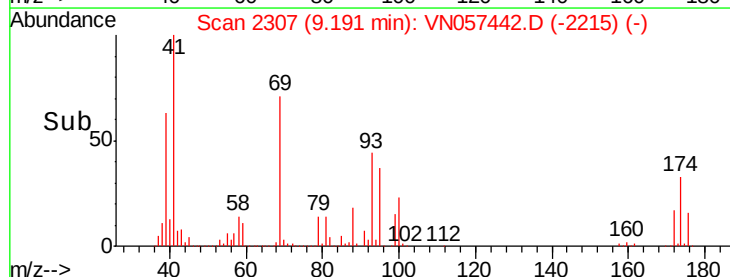
39 65.1 50.6 75.8

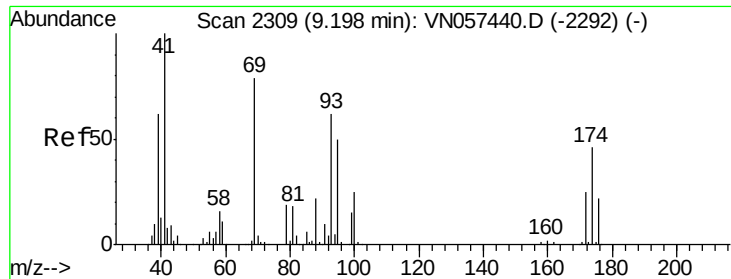


Abundance Ion 41.00 (40.70 to 41.70): VN057442.D (-2215) (-)

Ion 69.00 (68.70 to 69.70): VN057442.D (-2215) (-)

Ion 39.00 (38.70 to 39.70): VN057442.D (-2215) (-)

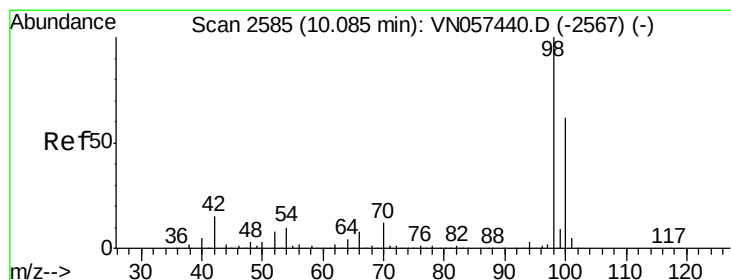
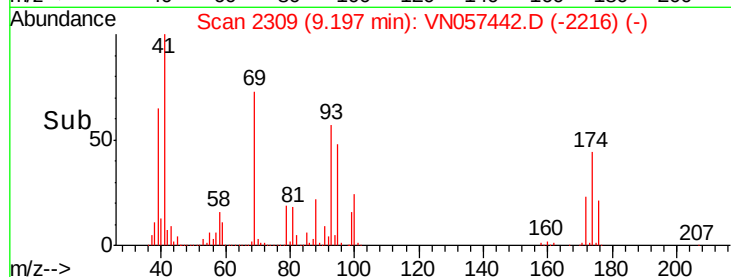
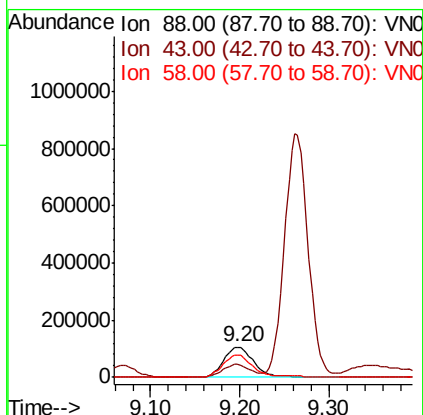
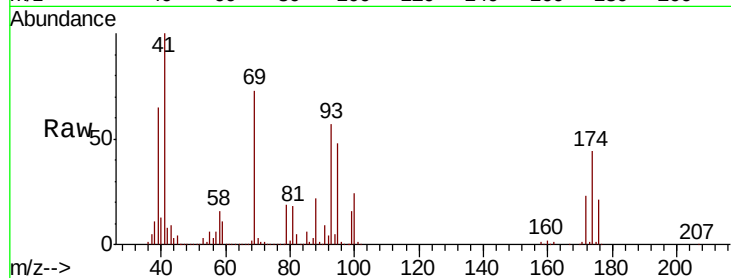




#49
1,4-Dioxane
Concen: 2742.710 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

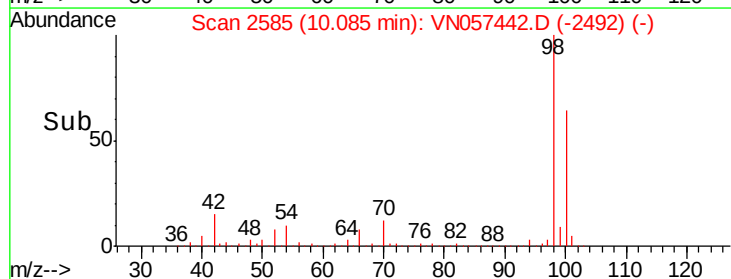
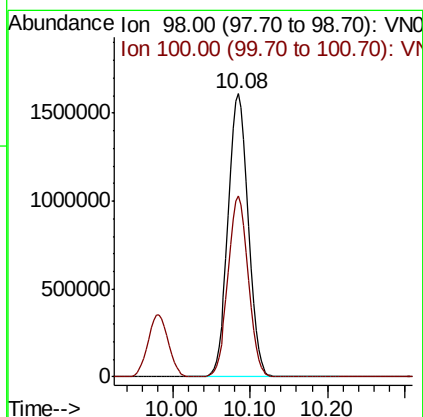
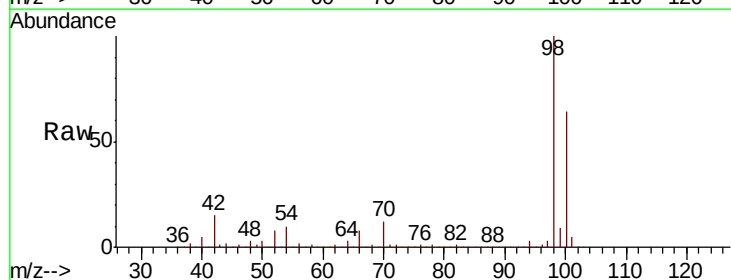
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

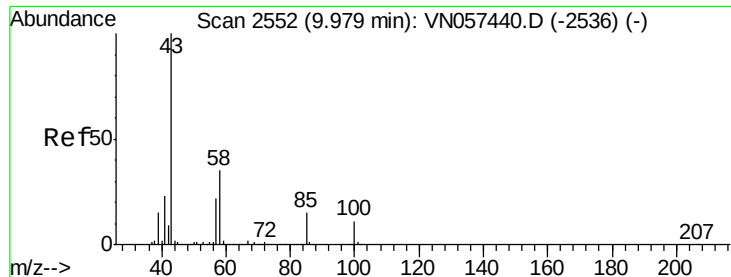
Tgt Ion: 88 Resp: 248079
Ion Ratio Lower Upper
88 100
43 37.6 31.0 46.6
58 73.0 64.5 96.7



#50
Toluene-d8
Concen: 159.060 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion: 98 Resp: 2891579
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6

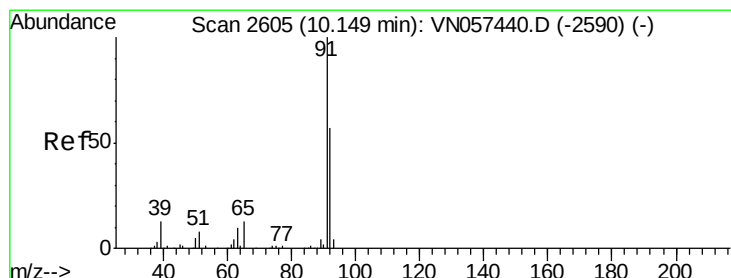
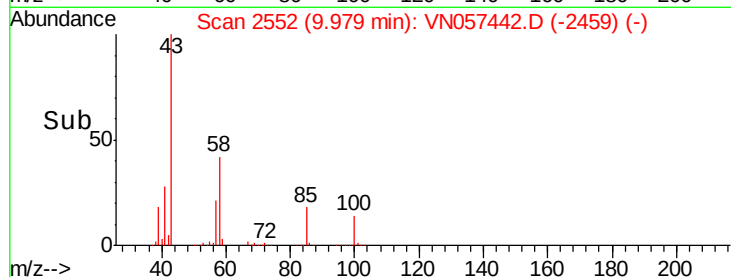
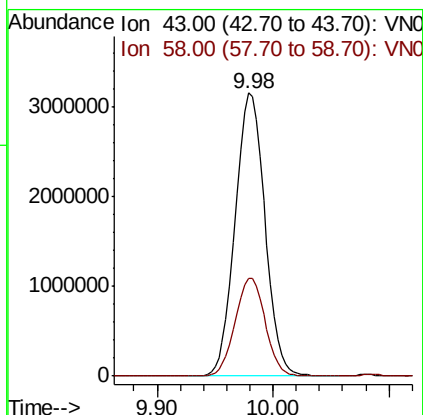
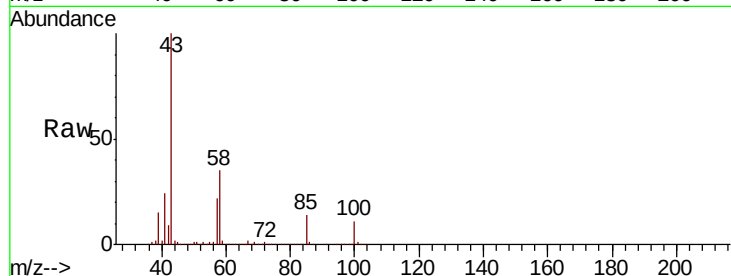




#51
 4-Methyl-2-Pentanone
 Concen: 957.577 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

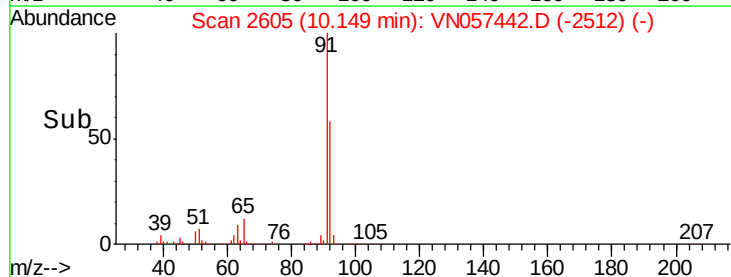
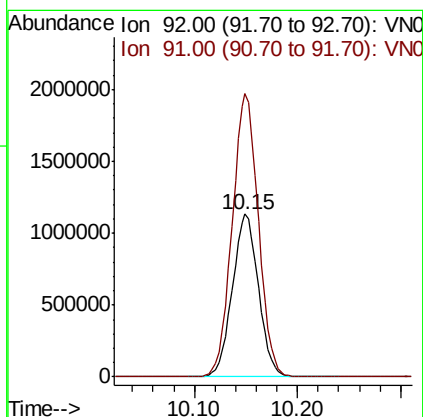
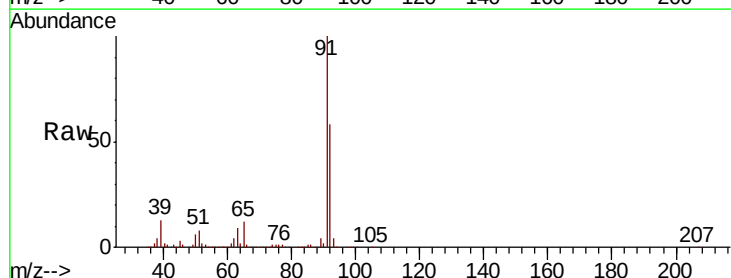
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

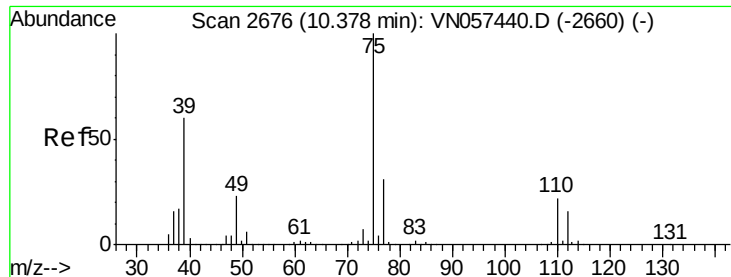
Tgt Ion: 43 Resp: 5605096
 Ion Ratio Lower Upper
 43 100
 58 34.9 27.9 41.9



#52
 Toluene
 Concen: 158.615 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

Tgt Ion: 92 Resp: 1990378
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 176.814 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

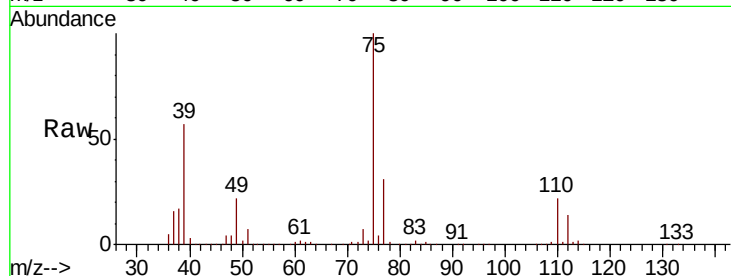
VSTDIC150

Tgt Ion: 75 Resp: 1337097

Ion Ratio Lower Upper

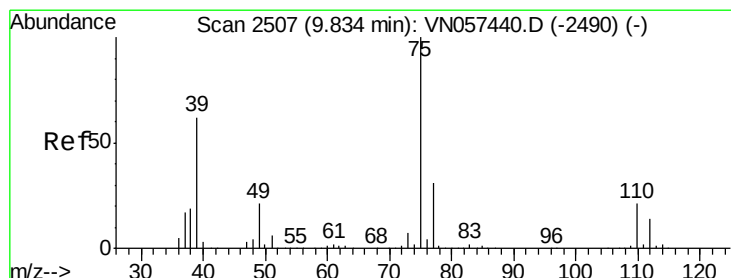
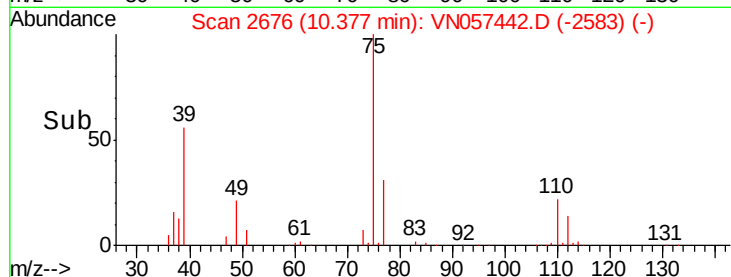
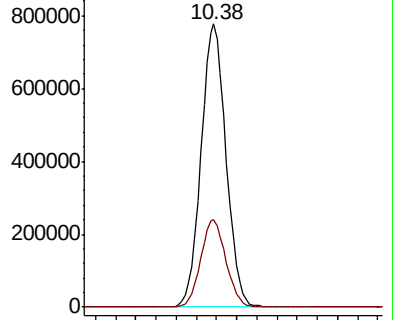
75 100

77 30.8 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: 171.096 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

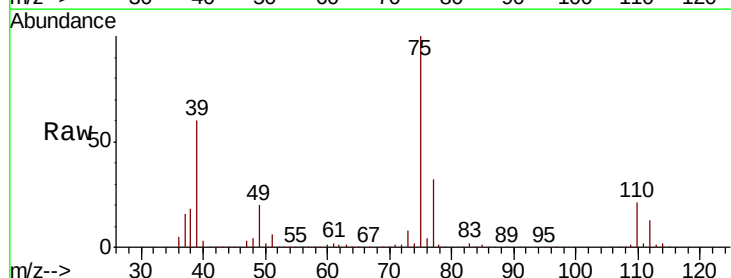
Tgt Ion: 75 Resp: 1423072

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

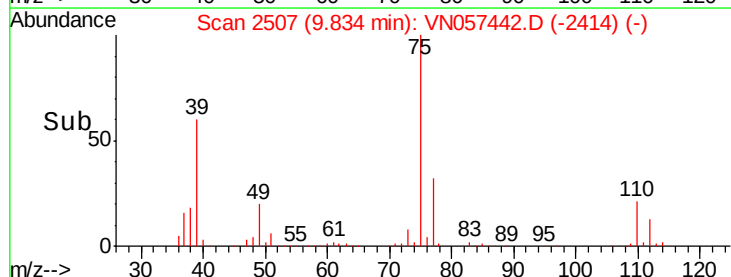
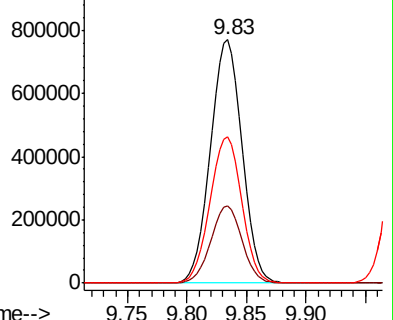
39 59.9 49.2 73.8

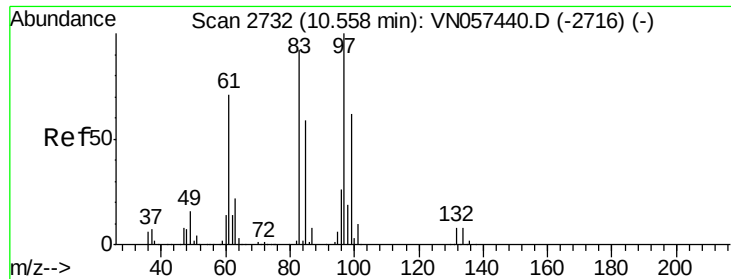


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 151.264 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 745835

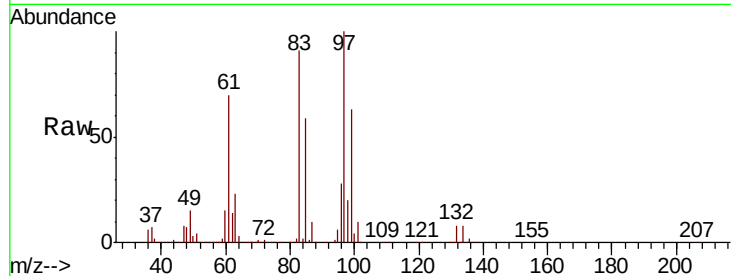
Ion Ratio Lower Upper

97 100

83 91.4 73.7 110.5

85 59.4 46.8 70.2

99 62.9 49.8 74.8

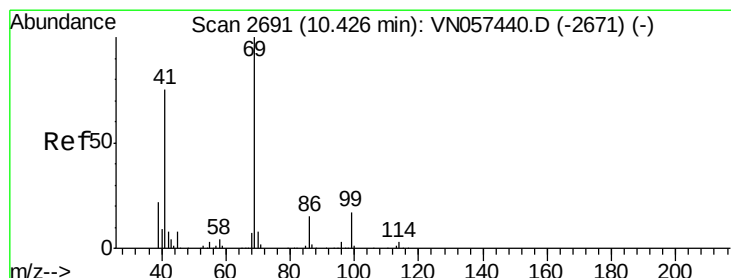
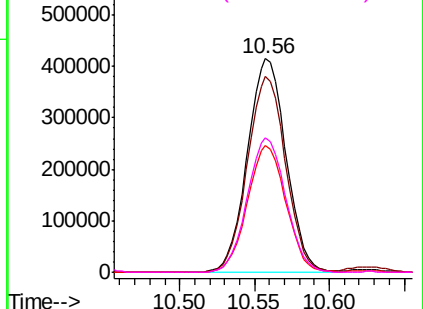
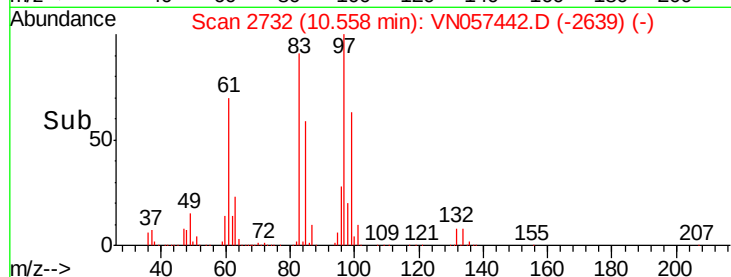


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 175.630 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

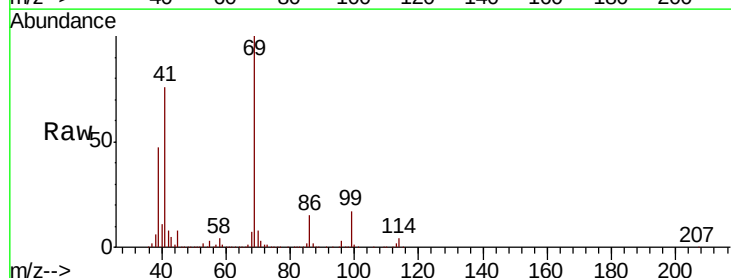
Tgt Ion: 69 Resp: 1283178

Ion Ratio Lower Upper

69 100

41 74.8 60.8 91.2

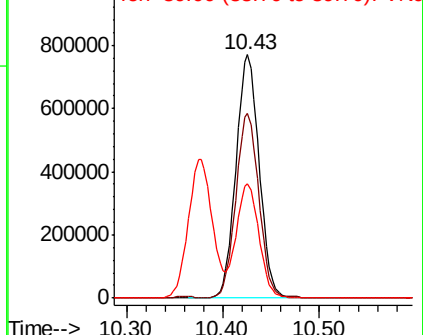
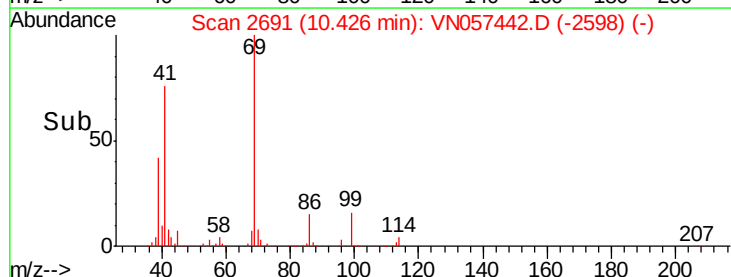
39 45.6 36.5 54.7

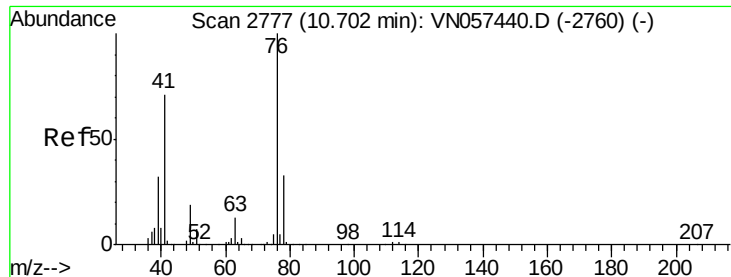


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

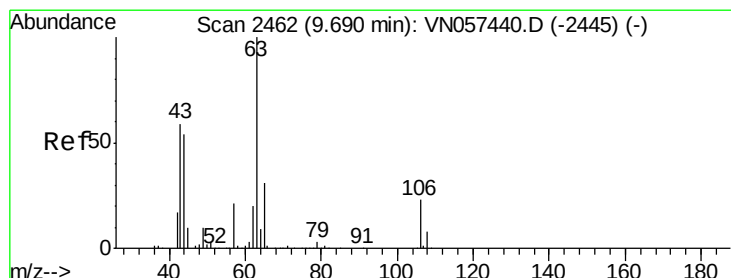
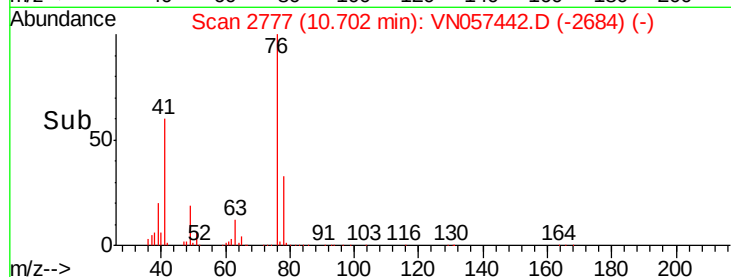
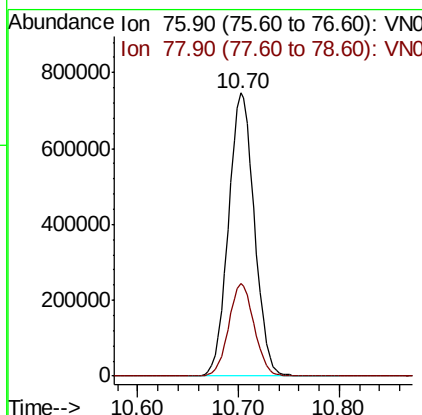
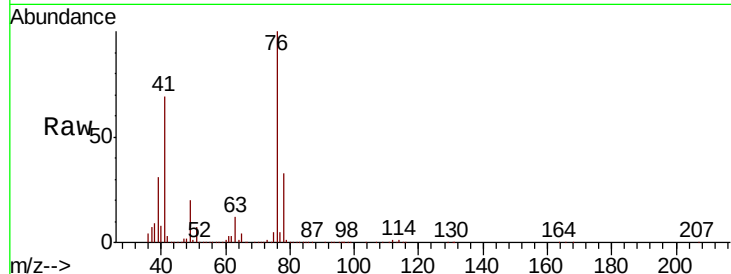




#57
 1,3-Dichloropropane
 Concen: 160.289 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

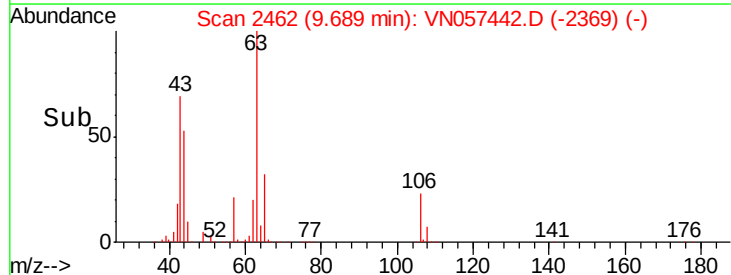
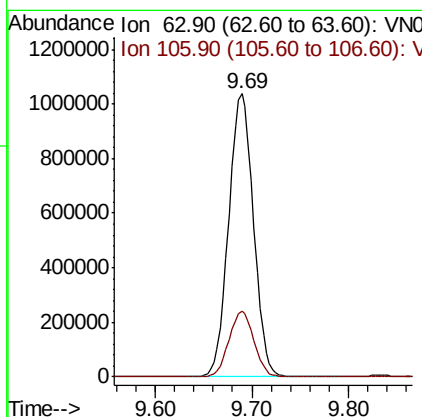
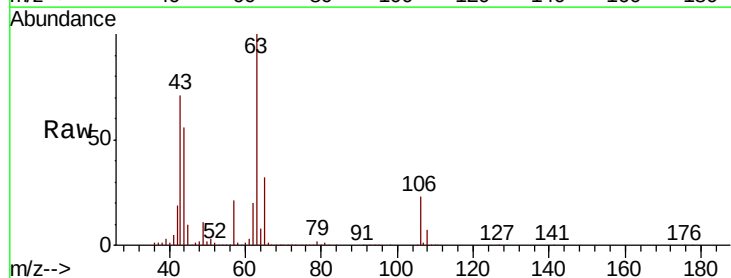
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

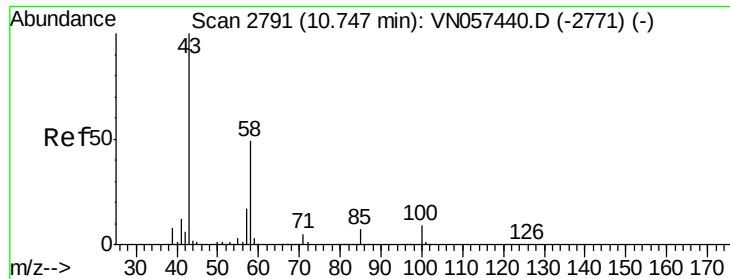
Tgt Ion: 76 Resp: 1336566
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 985.728 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

Tgt Ion: 63 Resp: 1847961
 Ion Ratio Lower Upper
 63 100
 106 23.4 18.6 27.8

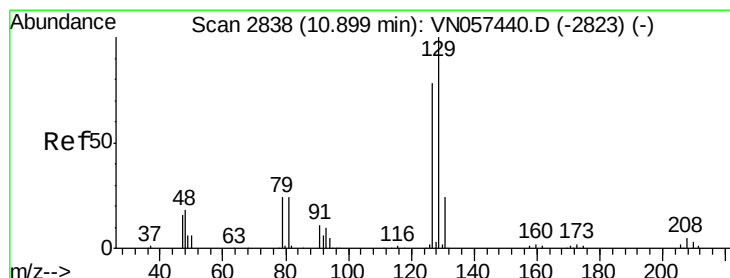
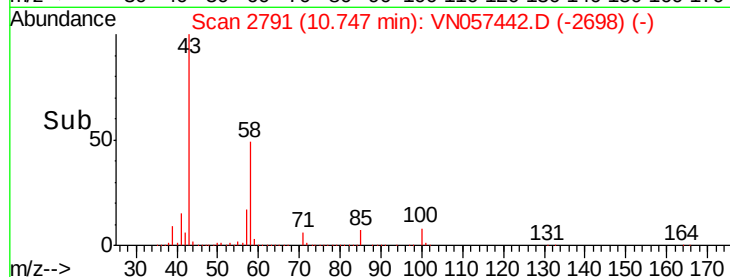
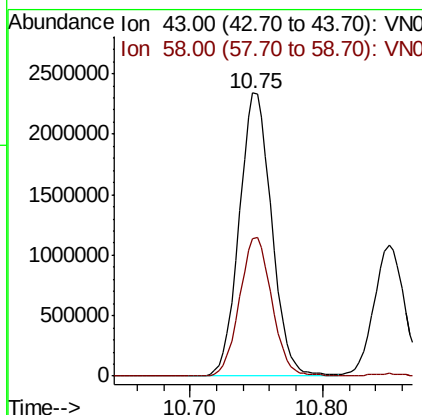
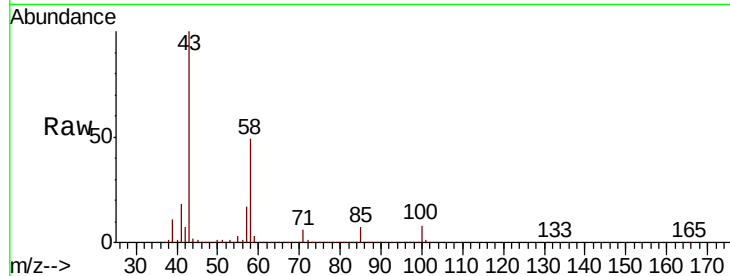




#59
2-Hexanone
Concen: 955.527 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

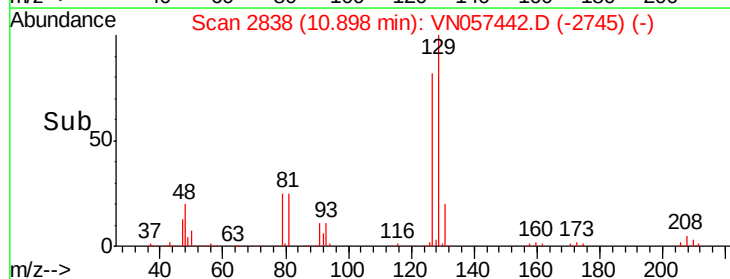
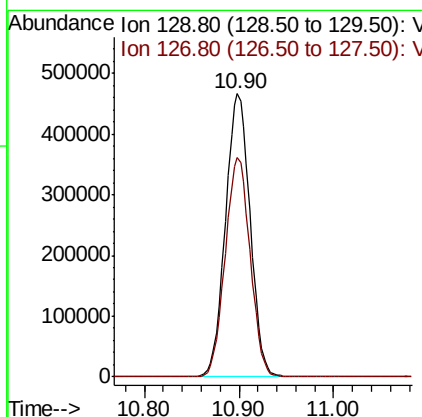
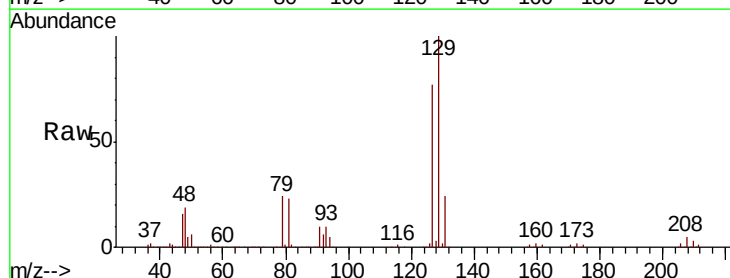
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

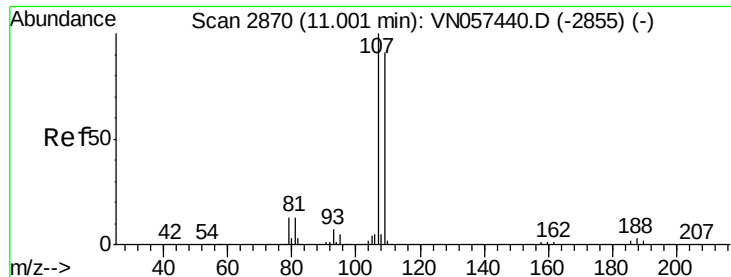
Tgt Ion: 43 Resp: 3973348
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.6



#60
Dibromochloromethane
Concen: 154.137 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion: 129 Resp: 843619
Ion Ratio Lower Upper
129 100
127 78.5 39.0 116.9





#61

1,2-Dibromoethane

Concen: 148.992 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

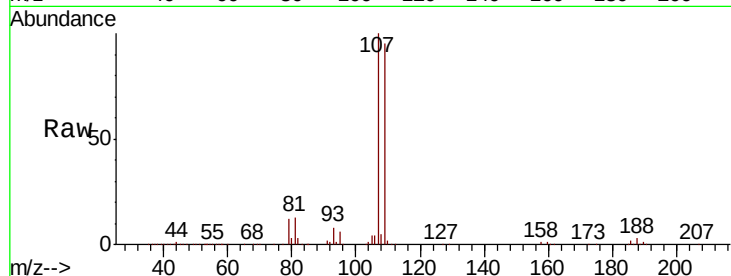
VSTDIC150

Tgt Ion: 107 Resp: 777594

Ion Ratio Lower Upper

107 100

109 94.7 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

400000

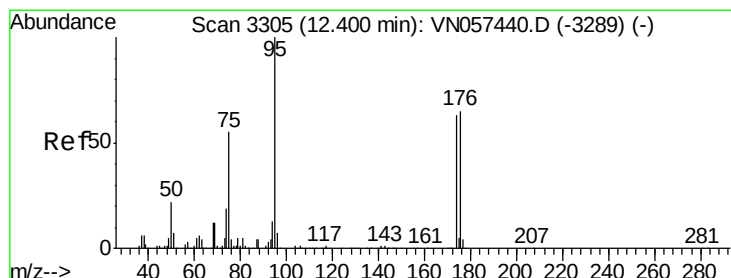
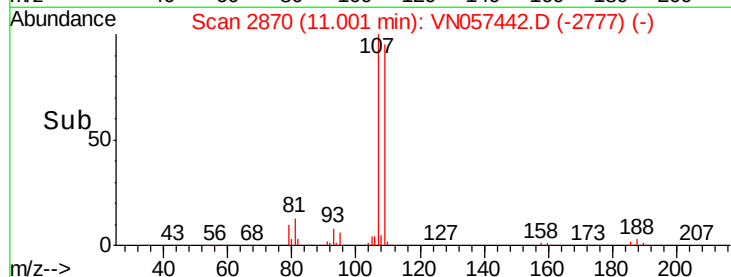
300000

200000

100000

0

Time--> 10.90 11.00



#62

4-Bromofluorobenzene

Concen: 162.814 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

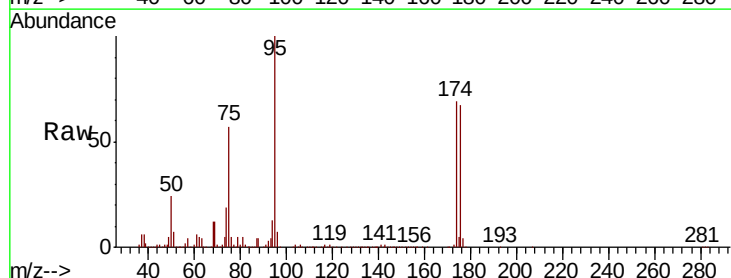
Tgt Ion: 95 Resp: 1040870

Ion Ratio Lower Upper

95 100

174 68.8 0.0 133.0

176 66.6 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

800000

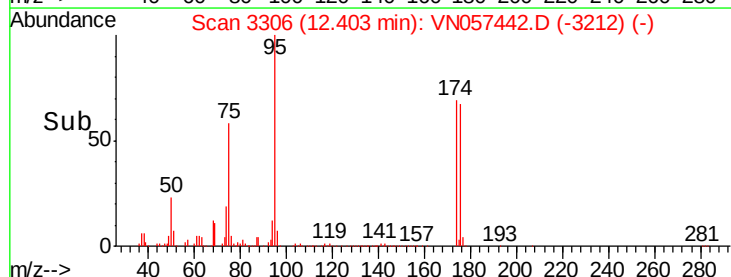
600000

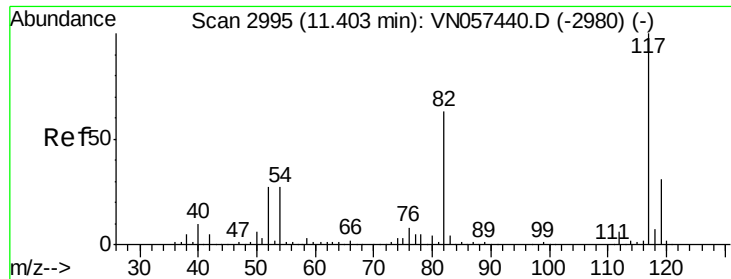
400000

200000

0

Time--> 12.30 12.40 12.50

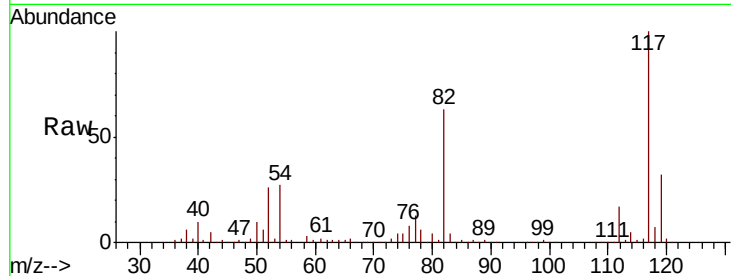




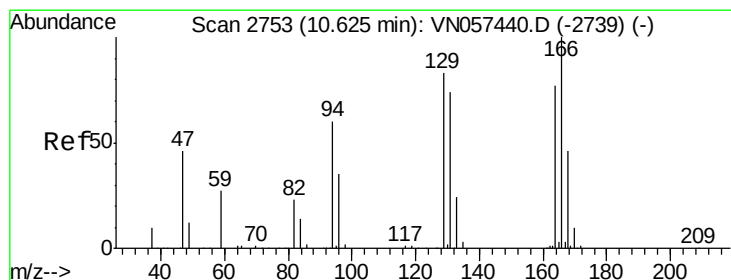
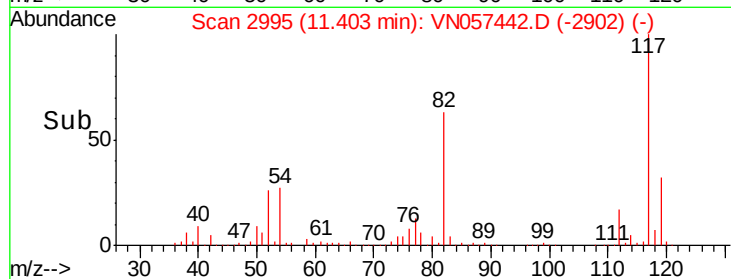
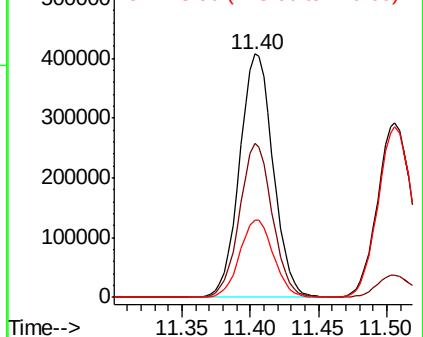
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 695515
Ion Ratio Lower Upper
117 100
82 63.2 50.6 75.8
119 31.8 24.6 36.8

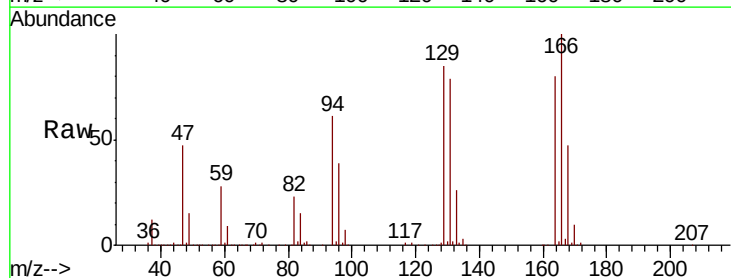


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

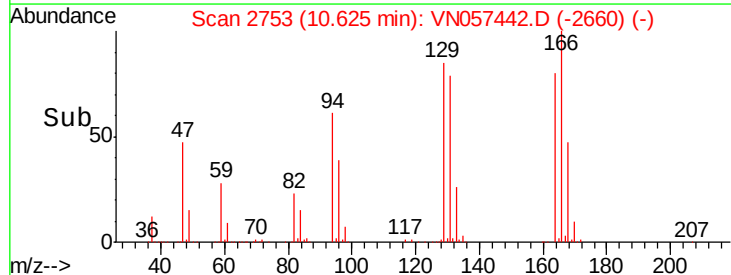
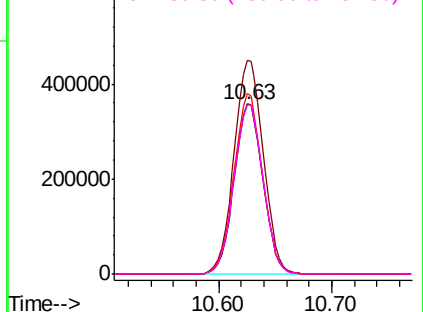


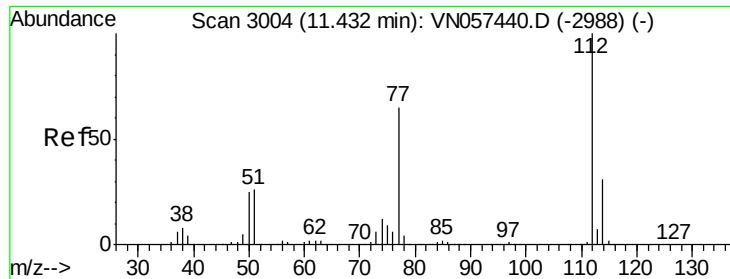
#64
Tetrachloroethene
Concen: 108.826 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion:164 Resp: 634094
Ion Ratio Lower Upper
164 100
166 125.7 104.4 156.6
129 106.5 86.6 130.0
131 99.3 77.6 116.4



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

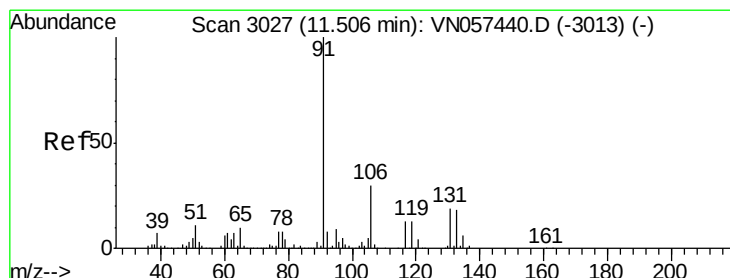
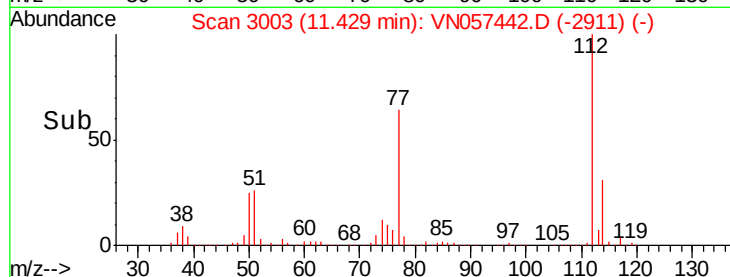
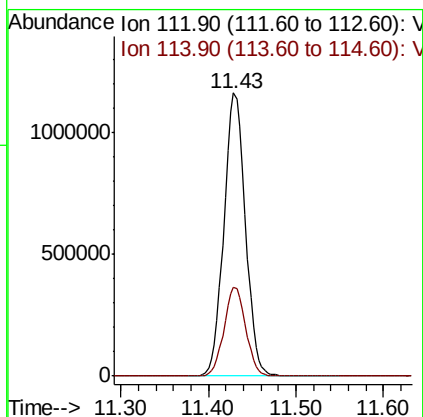
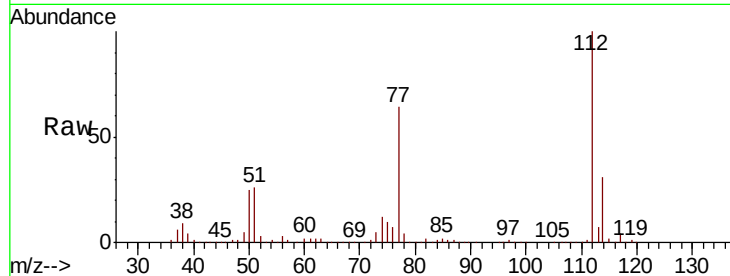




#65
Chlorobenzene
Concen: 141.426 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

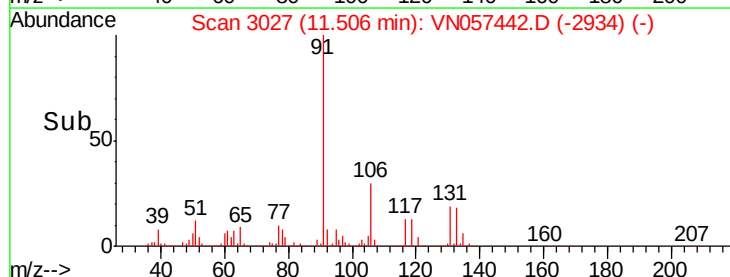
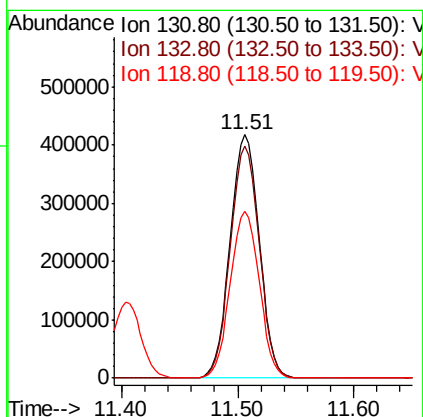
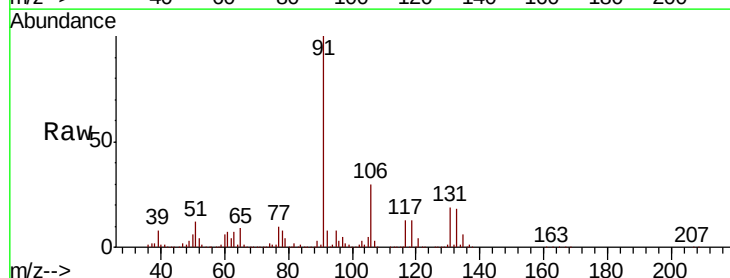
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

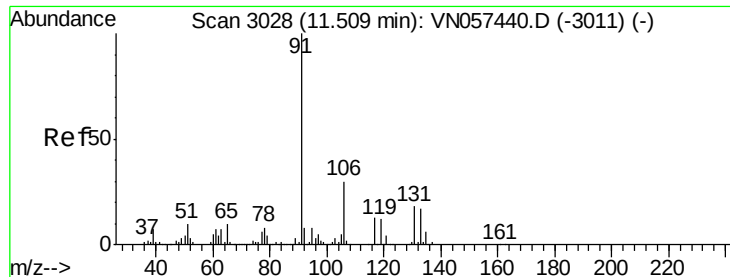
Tgt Ion:112 Resp: 1990364
Ion Ratio Lower Upper
112 100
114 31.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 135.105 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion:131 Resp: 726985
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 68.3 34.4 103.2





#67

Ethyl Benzene

Concen: 152.819 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

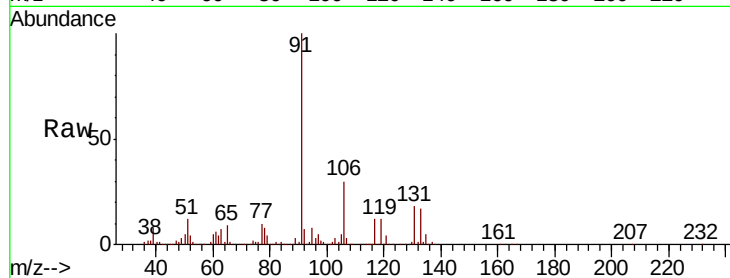
VSTDIC150

Tgt Ion: 91 Resp: 3841734

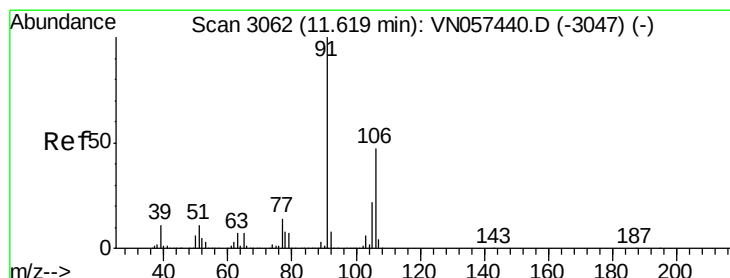
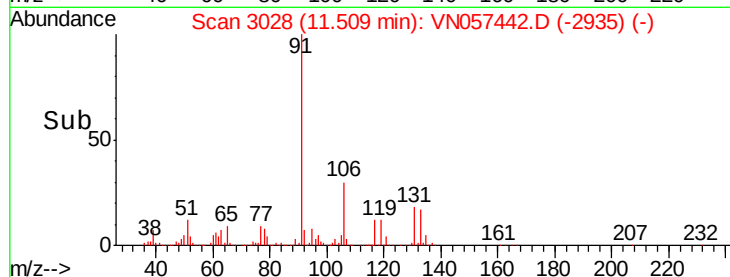
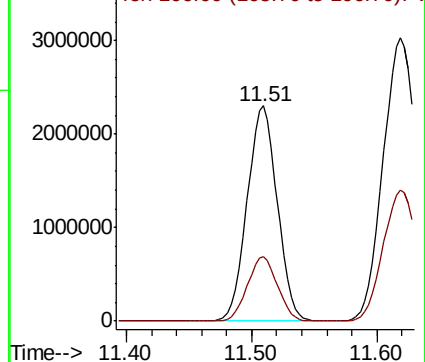
Ion Ratio Lower Upper

91 100

106 30.2 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN057442.D (-2935) (-)



#68

m/p-Xylenes

Concen: 298.504 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN057442.D

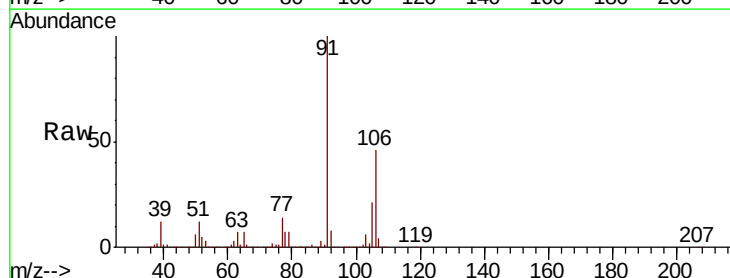
Acq: 22 Aug 2019 19:08

Tgt Ion: 106 Resp: 2730486

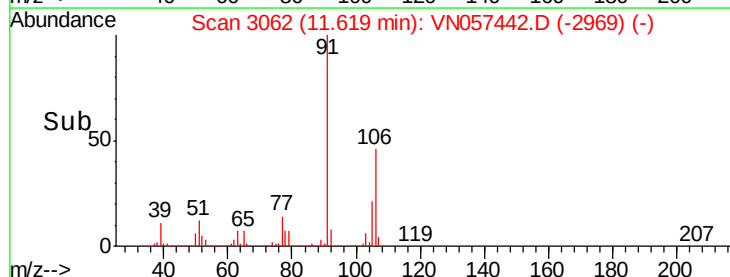
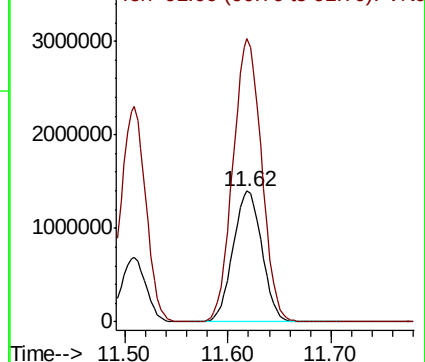
Ion Ratio Lower Upper

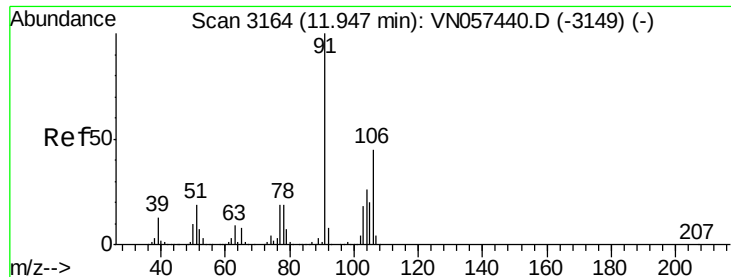
106 100

91 214.7 171.8 257.6



Abundance Ion 106.00 (105.70 to 106.70): VN057442.D (-2969) (-)

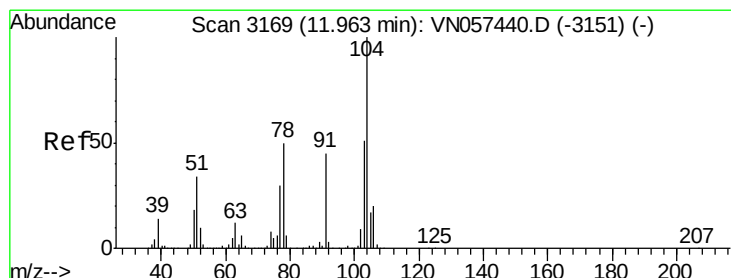
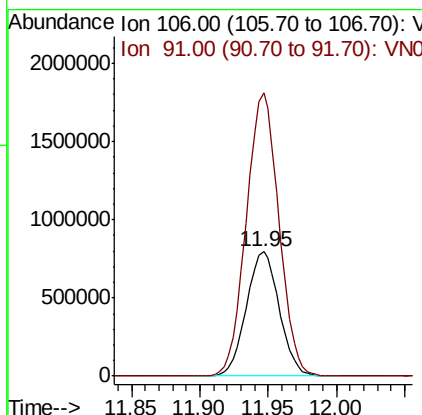
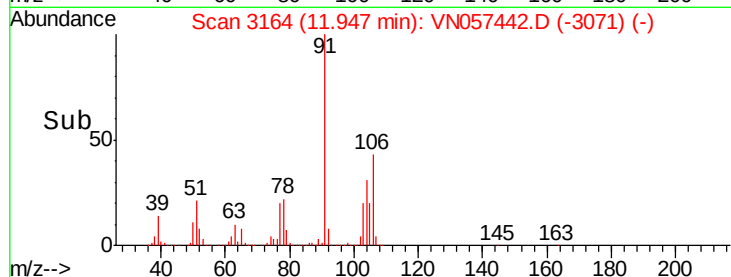
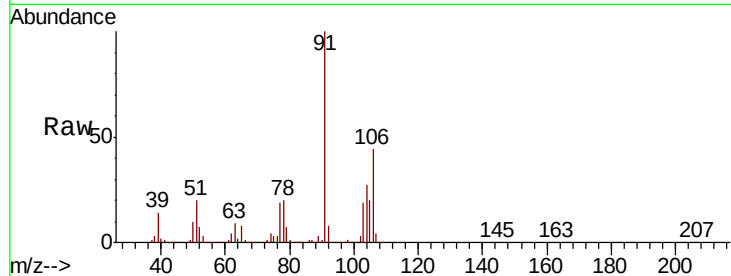




#69
o-Xylene
Concen: 148.007 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

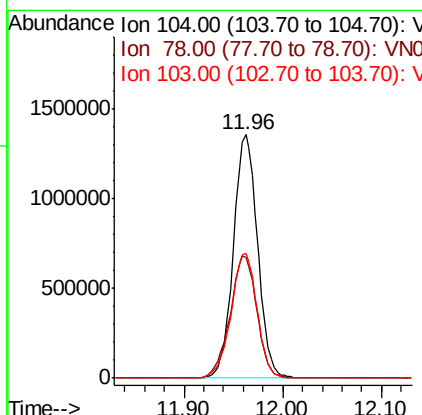
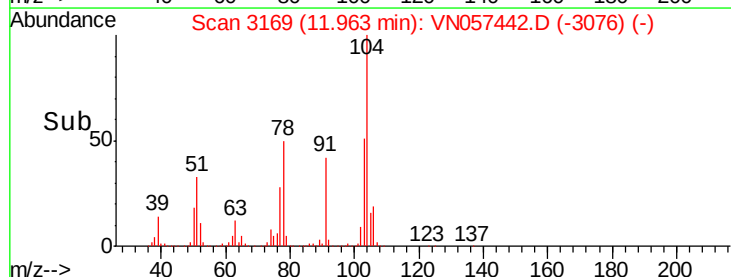
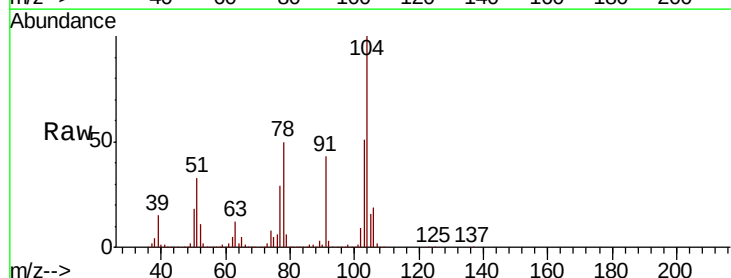
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

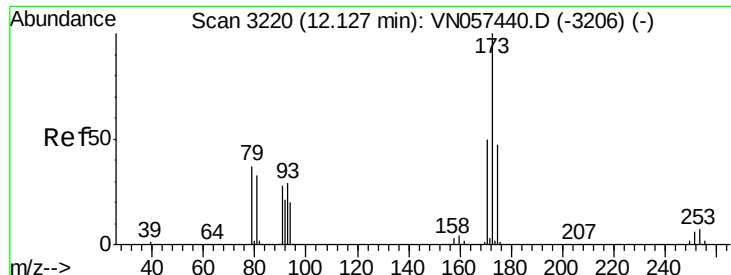
Tgt Ion:106 Resp: 1330938
Ion Ratio Lower Upper
106 100
91 225.9 112.3 336.9



#70
Styrene
Concen: 161.471 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion:104 Resp: 2315343
Ion Ratio Lower Upper
104 100
78 55.7 44.7 67.1
103 55.3 44.4 66.6





#71

Bromoform

Concen: 131.217 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

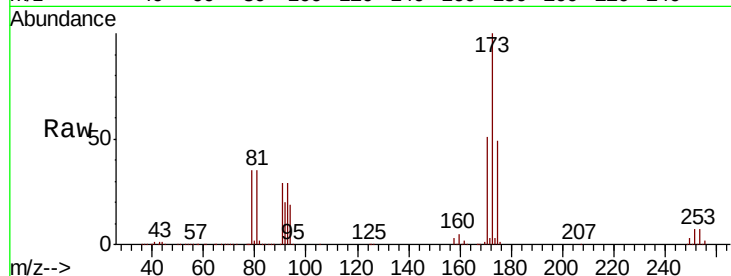
Tgt Ion:173 Resp: 544438

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.8

254 0.1 0.1 0.1#

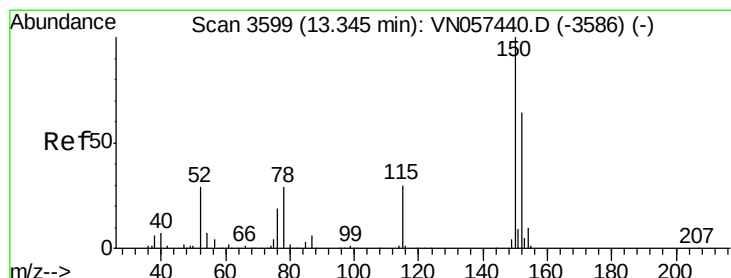
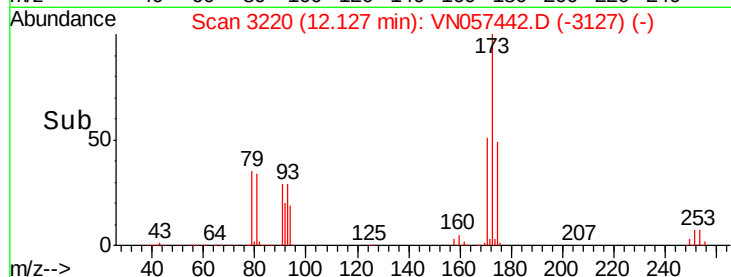
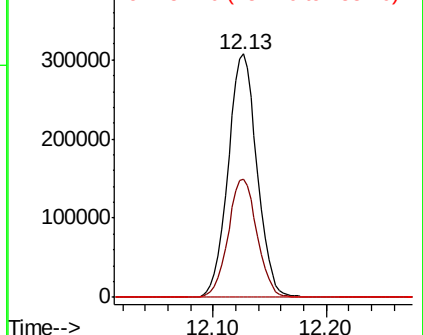


Abundance

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: VN057442.D

Acq: 22 Aug 2019 19:08

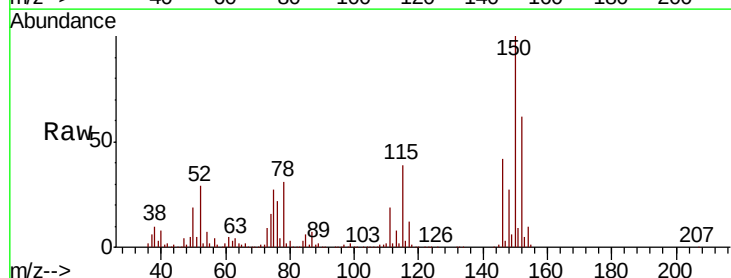
Tgt Ion:152 Resp: 294759

Ion Ratio Lower Upper

152 100

115 62.7 32.0 96.0

150 201.6 0.0 346.6

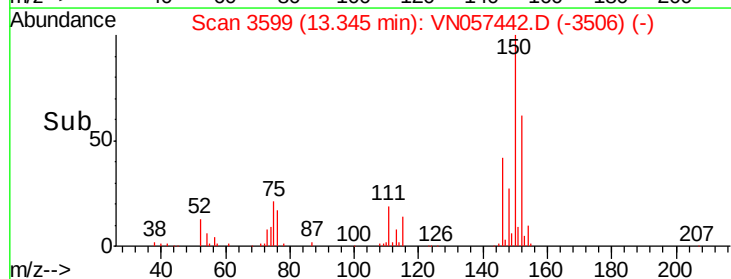
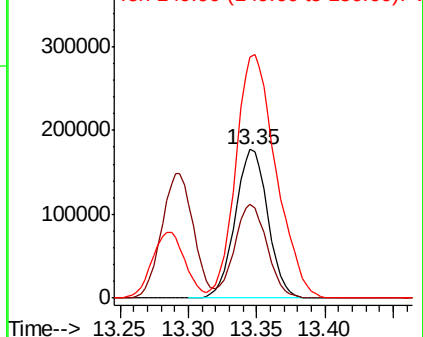


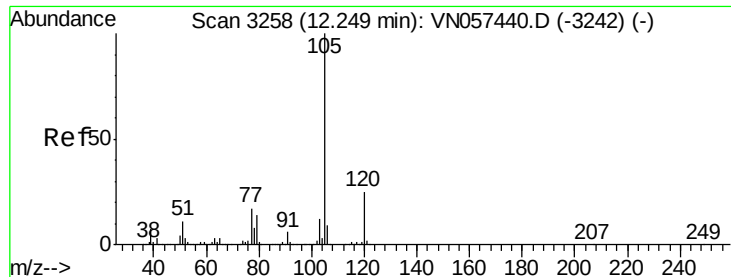
Abundance

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: 126.437 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

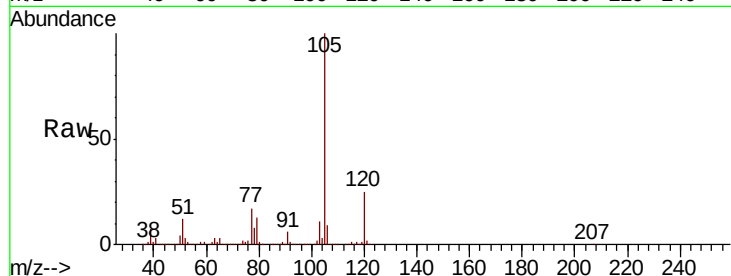
VSTDIC150

Tgt Ion:105 Resp: 3654876

Ion Ratio Lower Upper

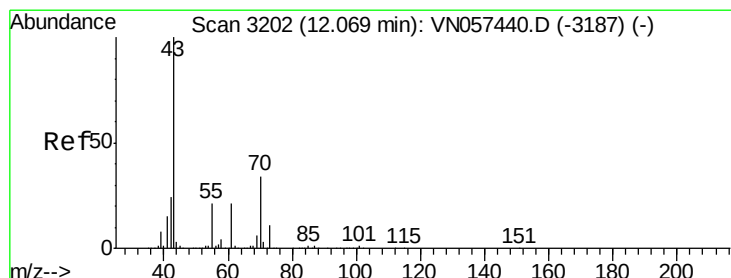
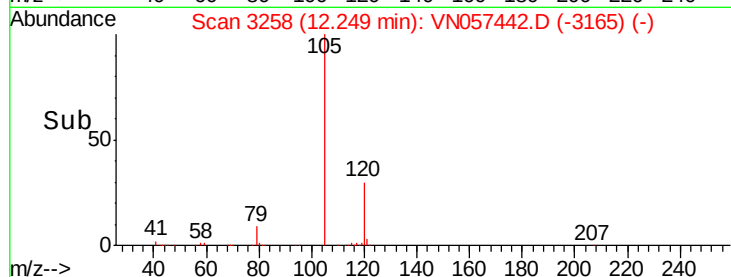
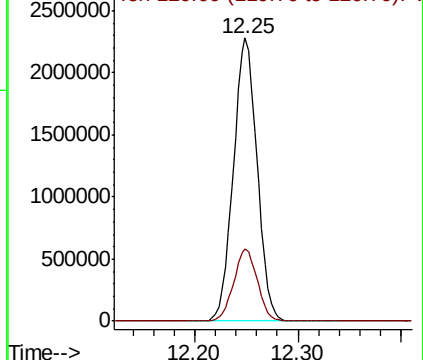
105 100

120 25.5 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 187.456 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Tgt Ion: 43 Resp: 1748013

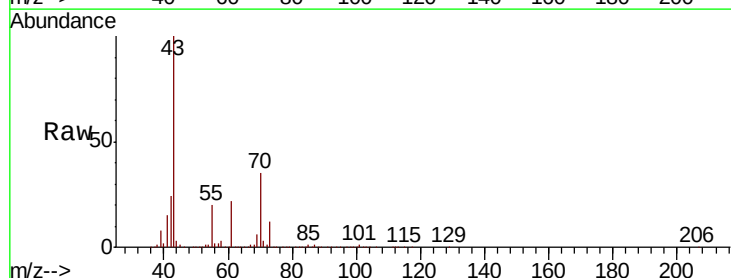
Ion Ratio Lower Upper

43 100

70 35.2 27.8 41.6

55 20.6 17.0 25.4

61 22.0 17.0 25.6

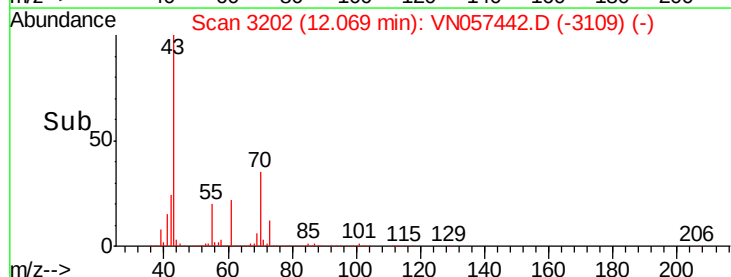
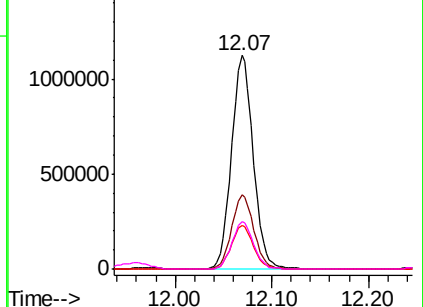


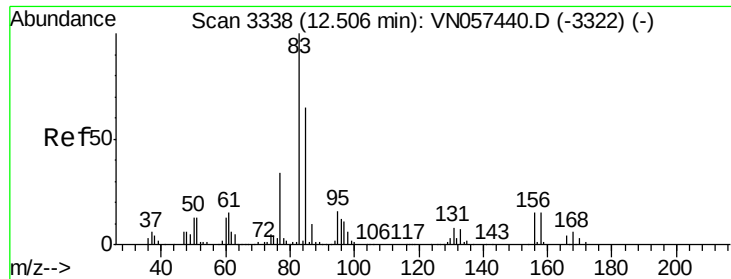
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 125.535 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

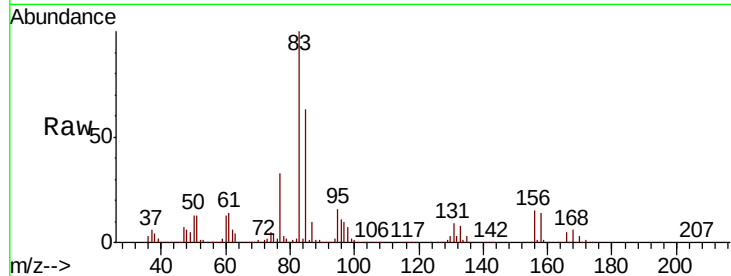
MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1061113

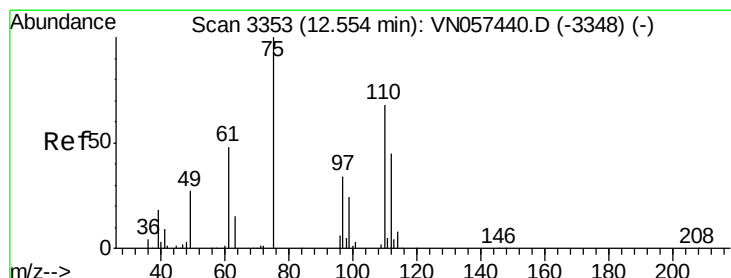
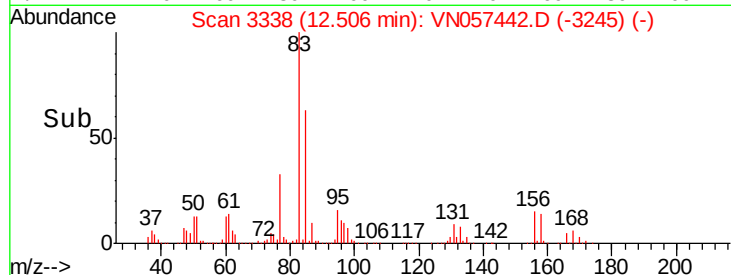
Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.3	13.1
85	63.4	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 195.388 ug/l

RT: 12.55 min Scan# 3353

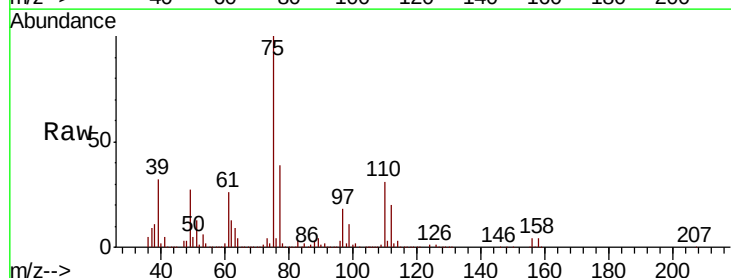
Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

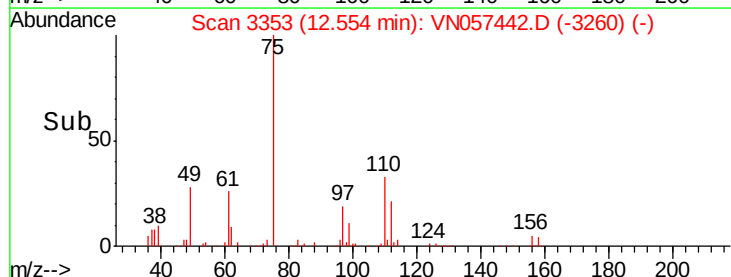
Tgt Ion: 75 Resp: 1416310

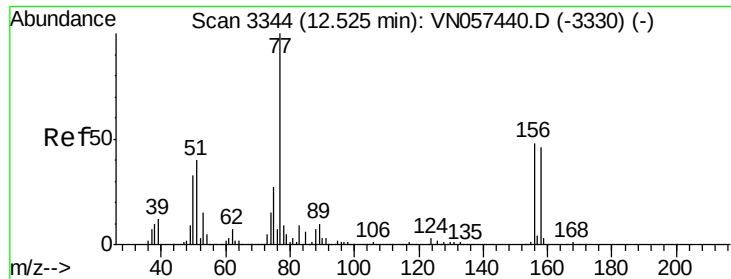
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 105.734 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

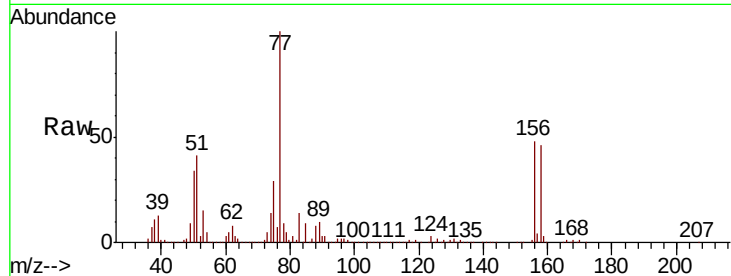
Tgt Ion:156 Resp: 771085

Ion Ratio Lower Upper

156 100

77 246.4 124.4 373.3

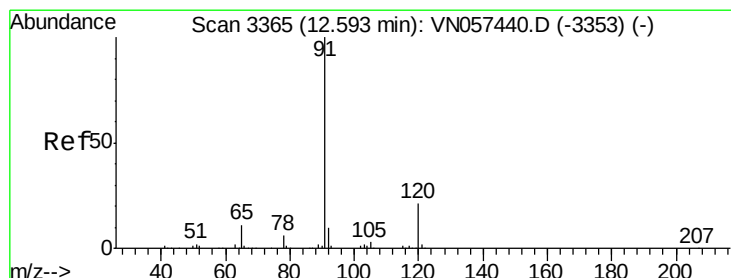
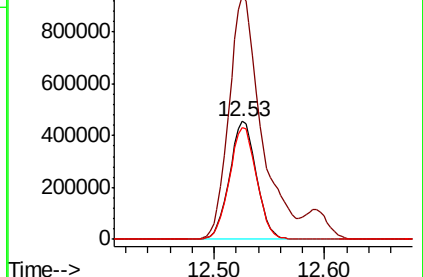
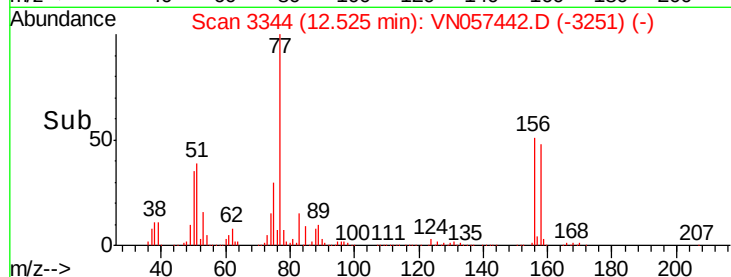
158 95.9 48.3 144.8



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: 147.634 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN057442.D

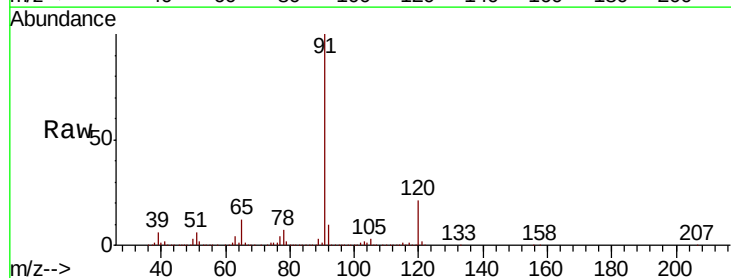
Acq: 22 Aug 2019 19:08

Tgt Ion: 91 Resp: 4298349

Ion Ratio Lower Upper

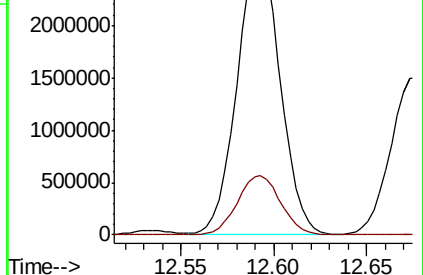
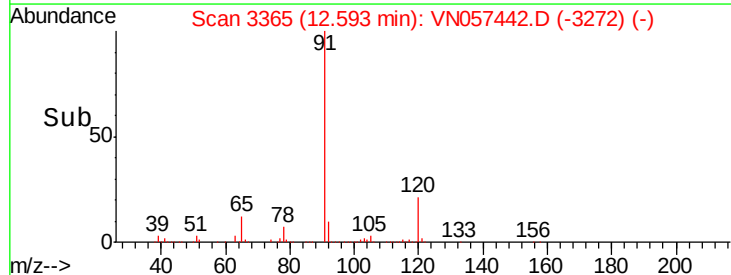
91 100

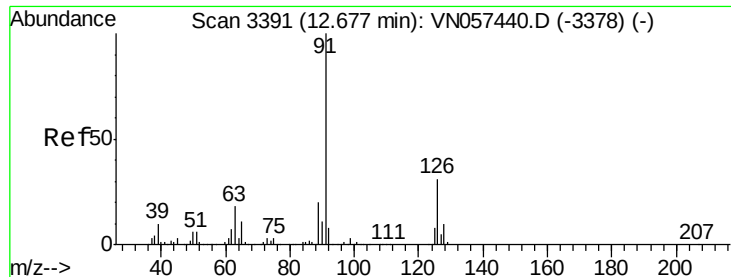
120 21.3 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 134.135 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

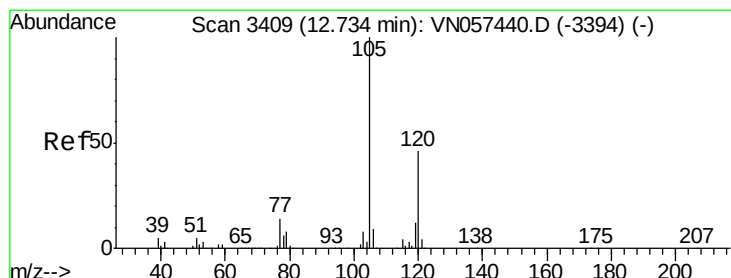
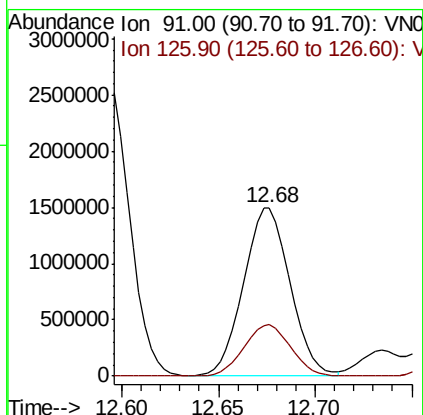
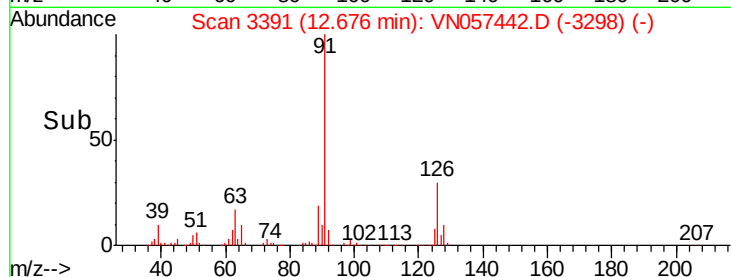
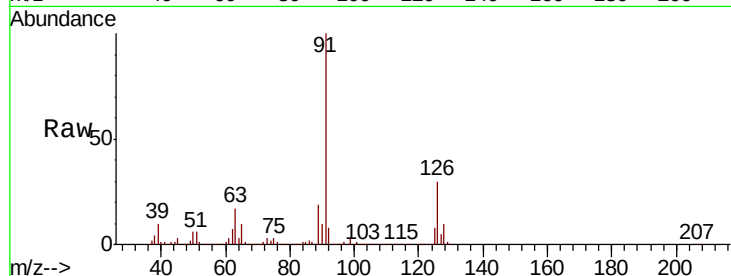
VSTDIC150

Tgt Ion: 91 Resp: 2493591

Ion Ratio Lower Upper

91 100

126 31.1 15.3 45.8



#80

1,3,5-Trimethylbenzene

Concen: 130.167 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN057442.D

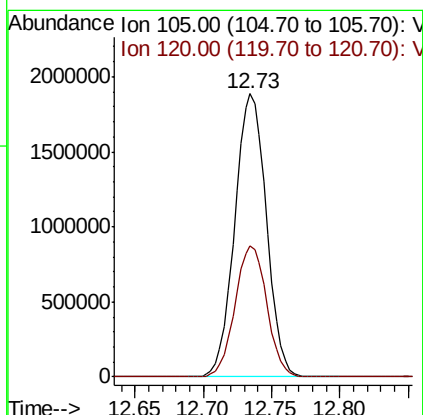
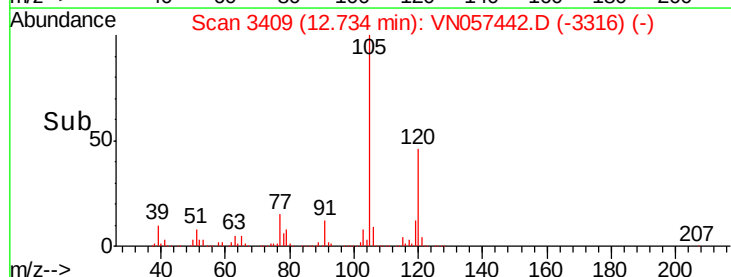
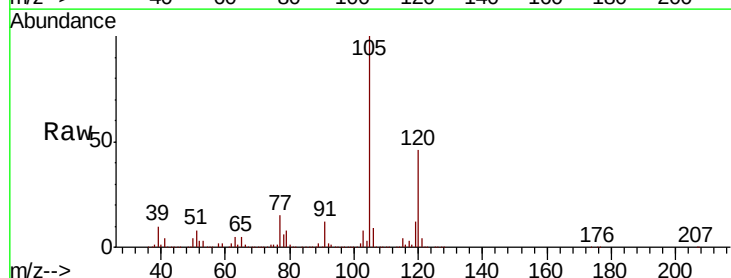
Acq: 22 Aug 2019 19:08

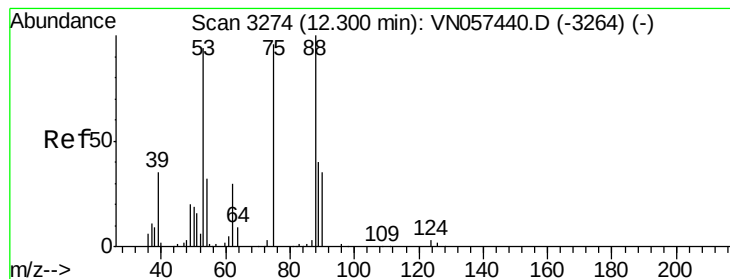
Tgt Ion: 105 Resp: 3026638

Ion Ratio Lower Upper

105 100

120 46.6 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 154.777 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

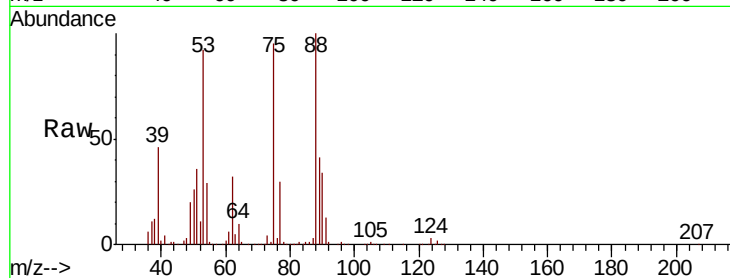
Tgt Ion: 75 Resp: 383143

Ion Ratio Lower Upper

75 100

53 99.3 82.7 124.1

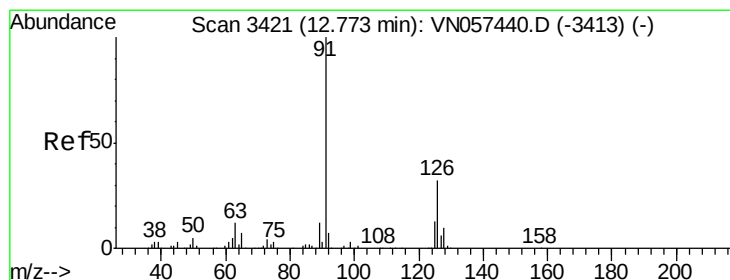
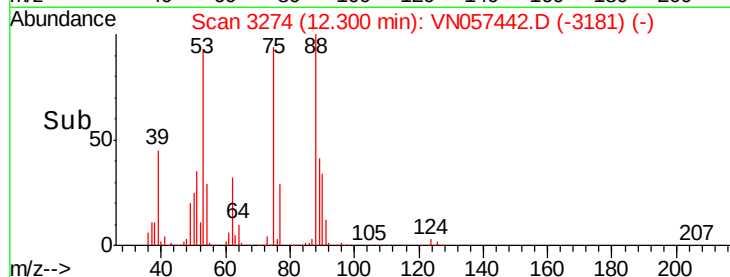
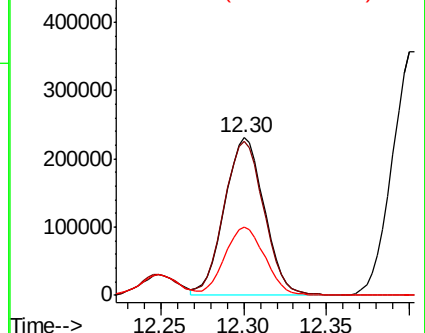
89 44.1 35.8 53.8



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: 148.211 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN057442.D

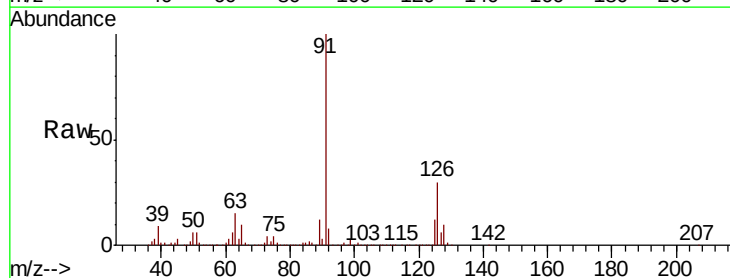
Acq: 22 Aug 2019 19:08

Tgt Ion: 91 Resp: 2546103

Ion Ratio Lower Upper

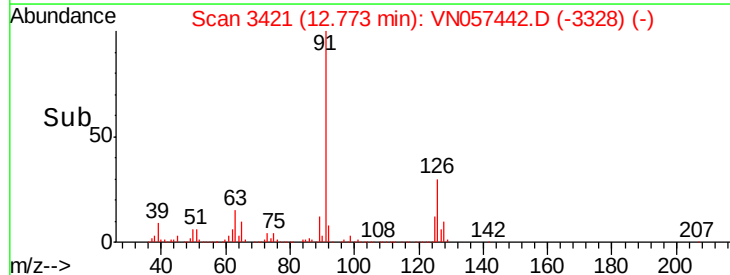
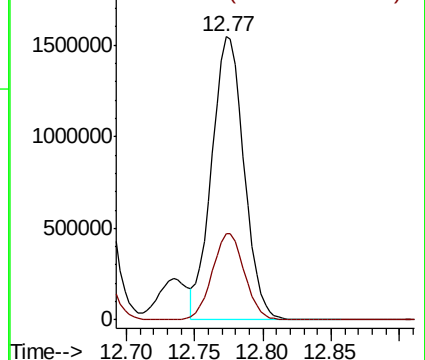
91 100

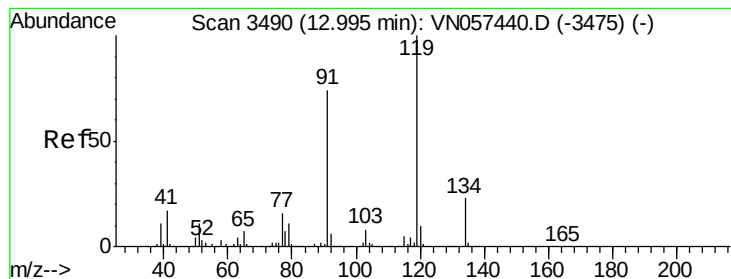
126 30.4 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 117.541 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

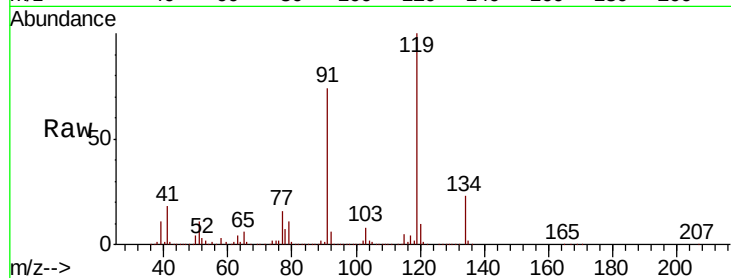
Tgt Ion:119 Resp: 2514222

Ion Ratio Lower Upper

119 100

91 72.8 37.0 111.0

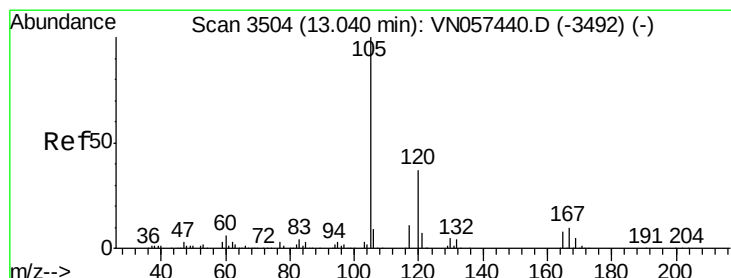
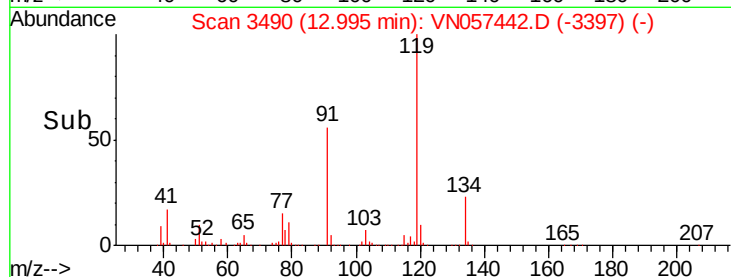
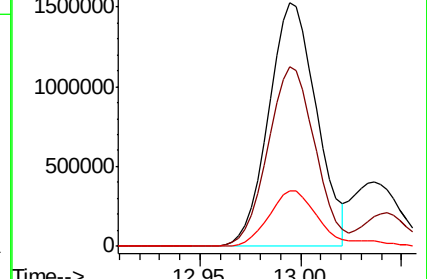
134 24.4 12.2 36.6



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: 136.192 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN057442.D

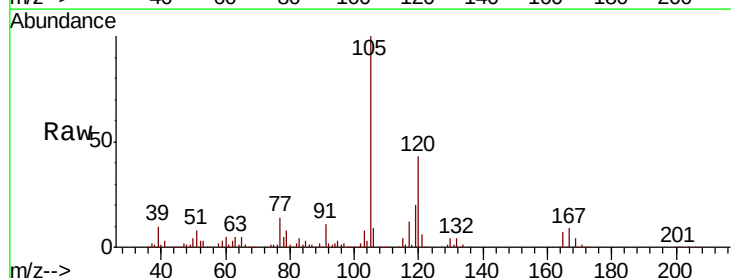
Acq: 22 Aug 2019 19:08

Tgt Ion:105 Resp: 2940320

Ion Ratio Lower Upper

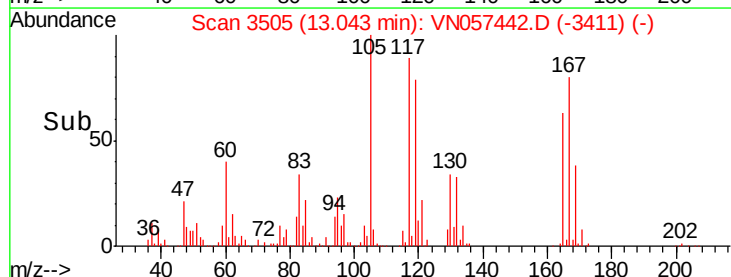
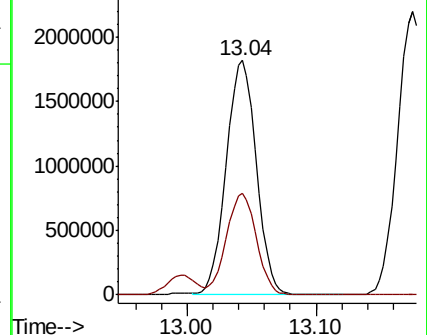
105 100

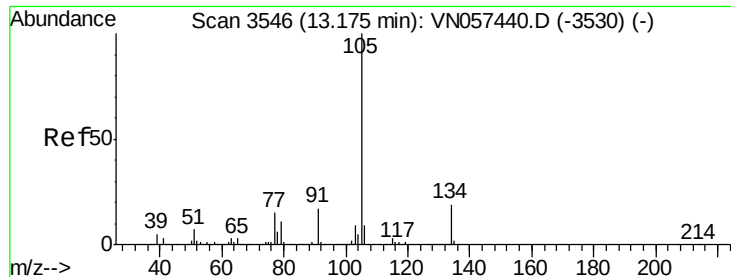
120 43.3 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 134.835 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

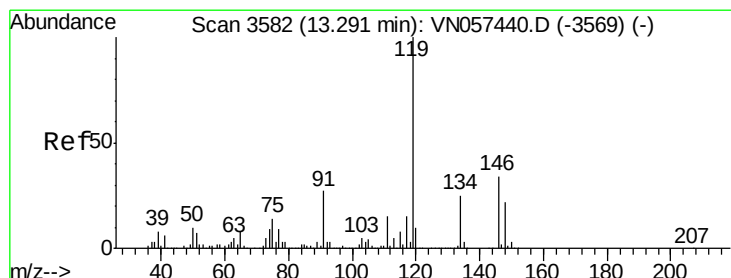
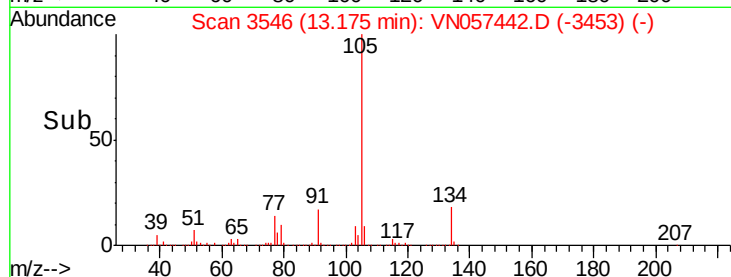
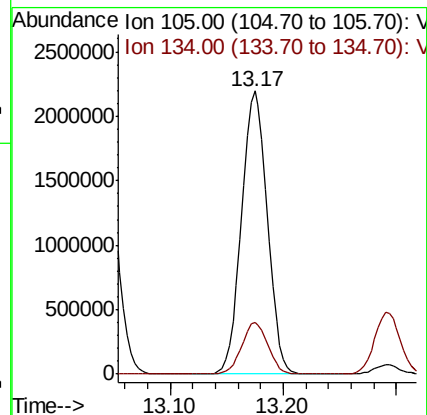
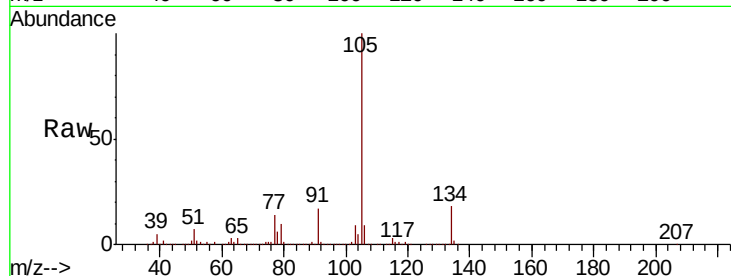
VSTDIC150

Tgt Ion:105 Resp: 3487737

Ion Ratio Lower Upper

105 100

134 18.3 9.3 27.9



#86

p-Isopropyltoluene

Concen: 135.738 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

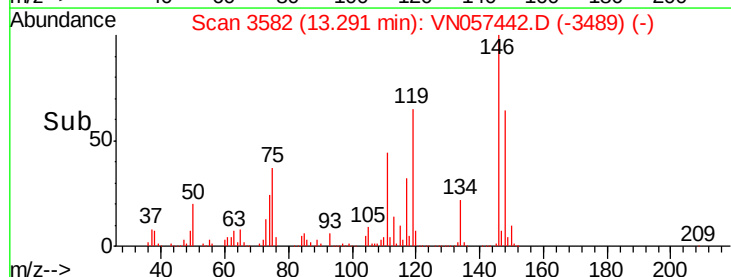
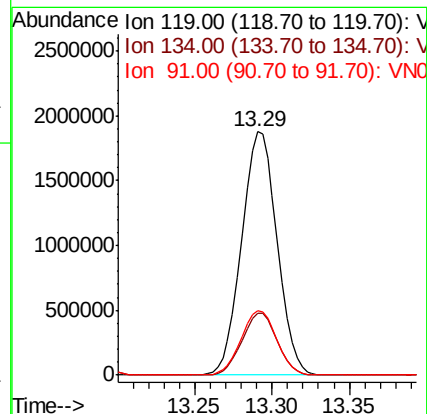
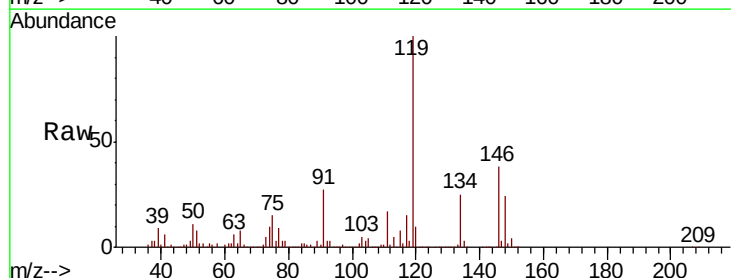
Tgt Ion:119 Resp: 2980312

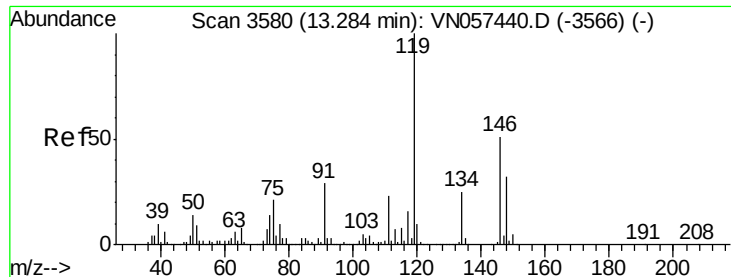
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.1

91 26.6 13.9 41.6

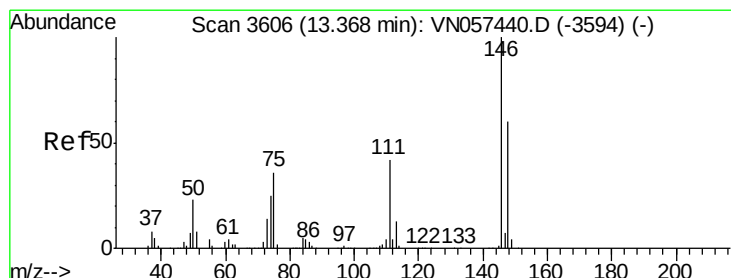
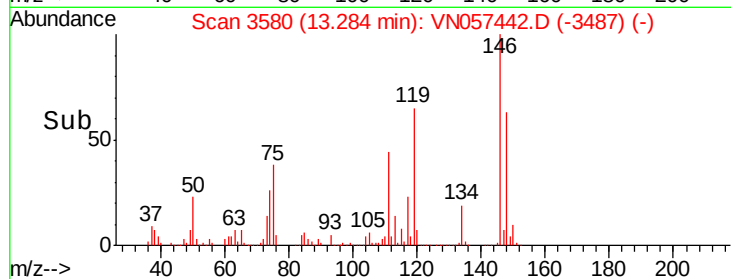
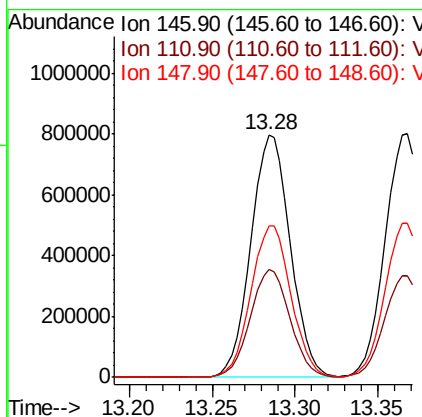
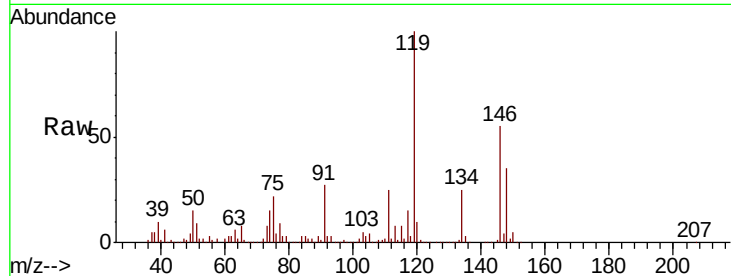




#87
 1,3-Dichlorobenzene
 Concen: 130.105 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

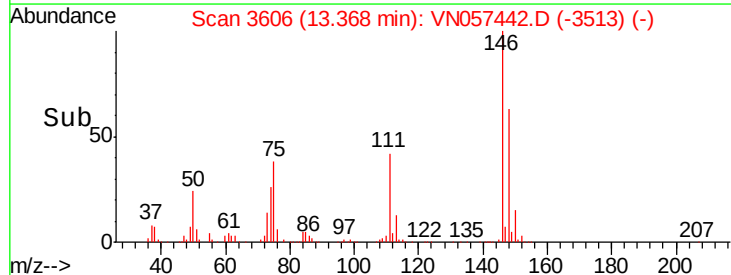
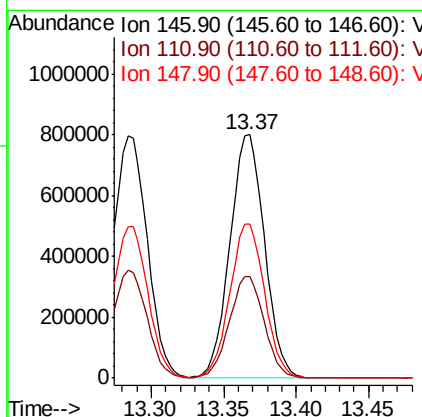
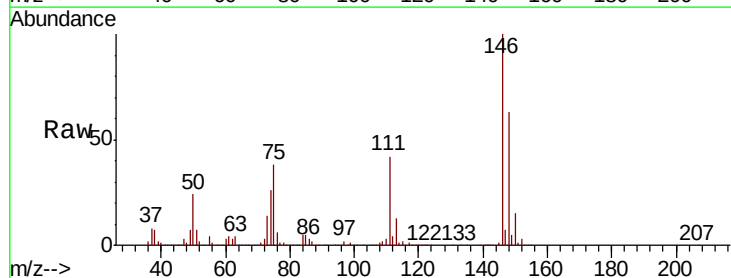
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

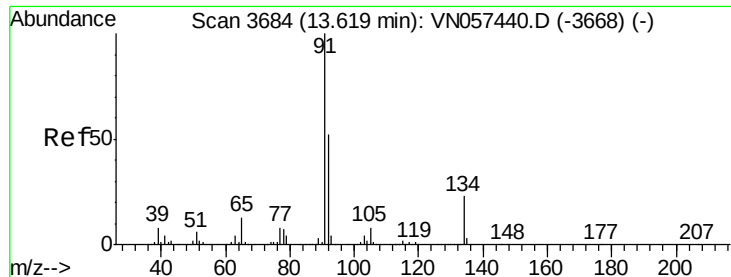
Tgt Ion:146 Resp: 1322311
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.1 66.1
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 135.976 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

Tgt Ion:146 Resp: 1321825
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.9 65.5
 148 63.5 31.1 93.2





#89

n-Butylbenzene

Concen: 172.492 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN057442.D

Acq: 22 Aug 2019 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

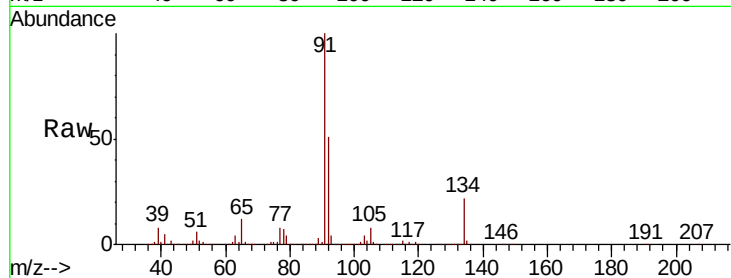
Tgt Ion: 91 Resp: 2785755

Ion Ratio Lower Upper

91 100

92 51.2 25.7 77.0

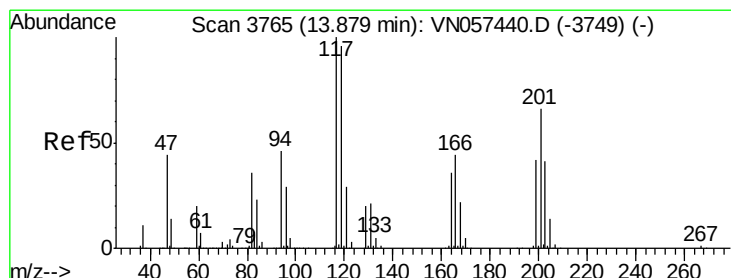
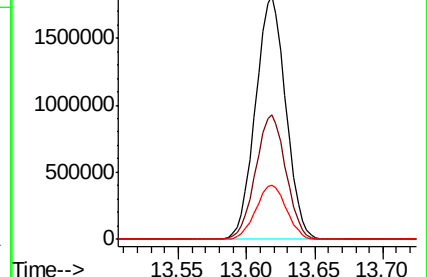
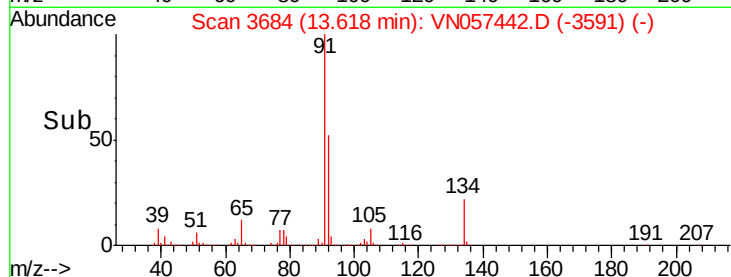
134 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN057442.D (-3684) (-)

Ion 92.00 (91.70 to 92.70): VN057442.D (-3684) (-)

Ion 134.00 (133.70 to 134.70): VN057442.D (-3684) (-)



#90

Hexachloroethane

Concen: 132.097 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN057442.D

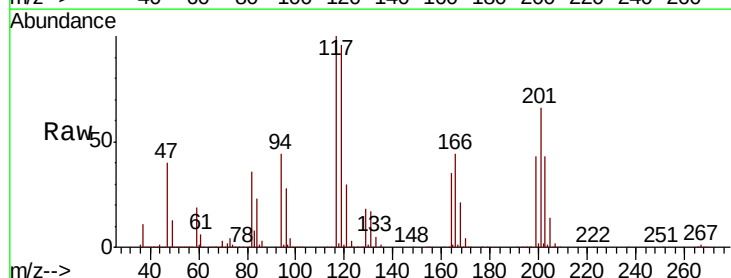
Acq: 22 Aug 2019 19:08

Tgt Ion: 117 Resp: 605622

Ion Ratio Lower Upper

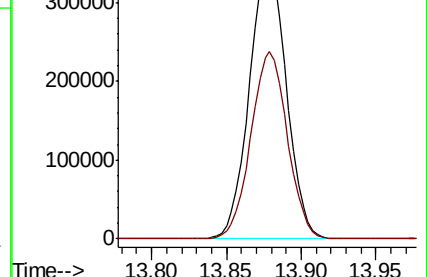
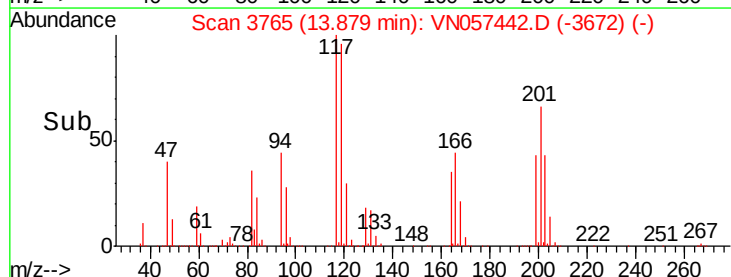
117 100

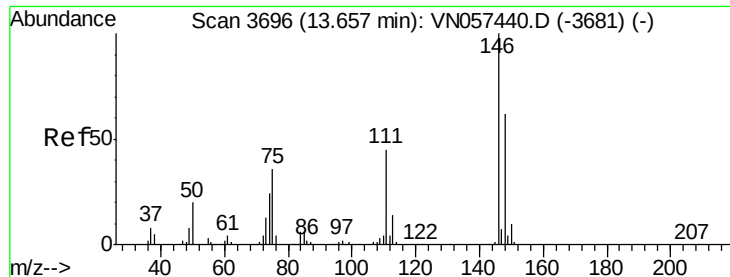
201 66.5 33.1 99.3



Abundance Ion 116.80 (116.50 to 117.50): VN057442.D (-3765) (-)

Ion 200.70 (200.40 to 201.40): VN057442.D (-3765) (-)

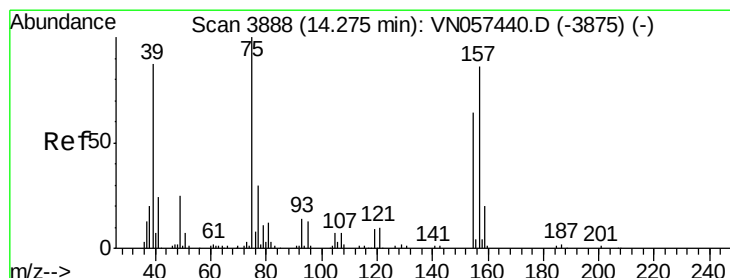
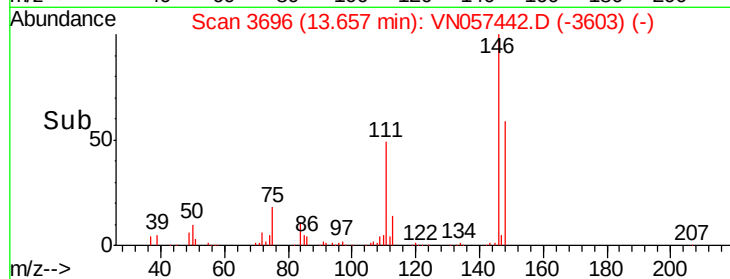
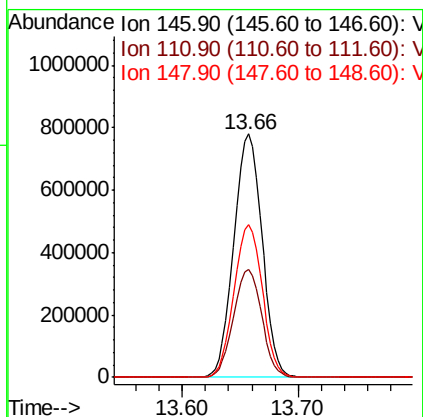
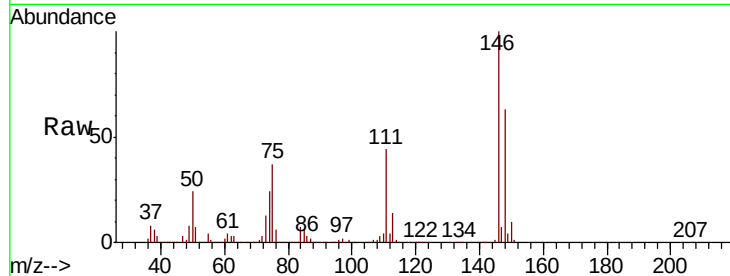




#91
 1,2-Dichlorobenzene
 Concen: 138.047 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

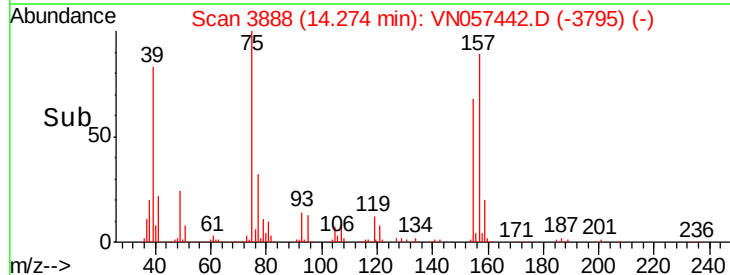
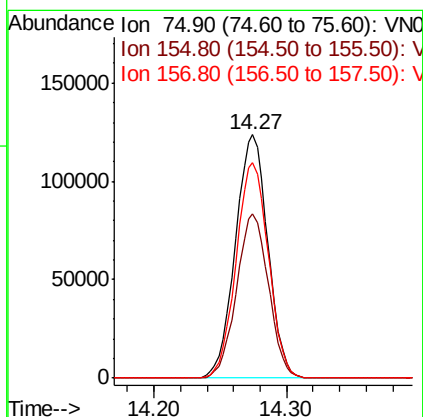
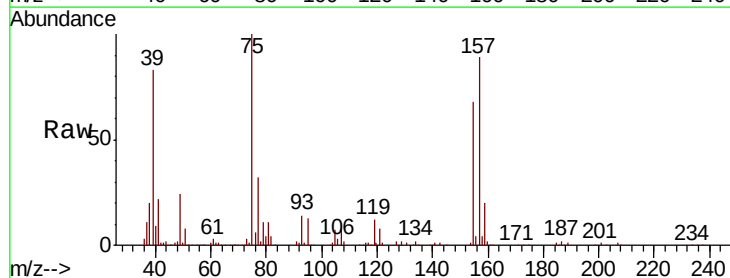
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

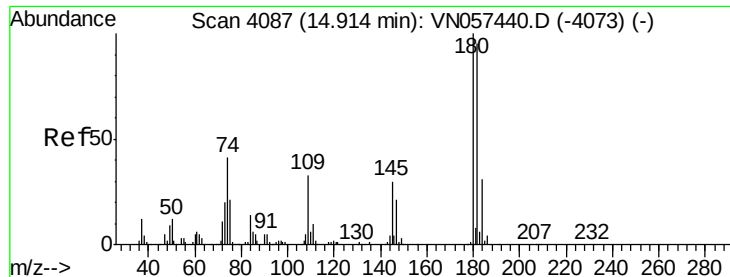
Tgt Ion:146 Resp: 1311839
 Ion Ratio Lower Upper
 146 100
 111 44.3 23.1 69.2
 148 62.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 188.943 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

Tgt Ion: 75 Resp: 210366
 Ion Ratio Lower Upper
 75 100
 155 66.4 31.6 94.7
 157 88.1 43.3 129.8

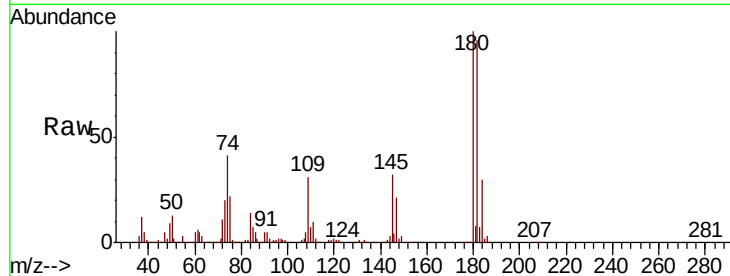




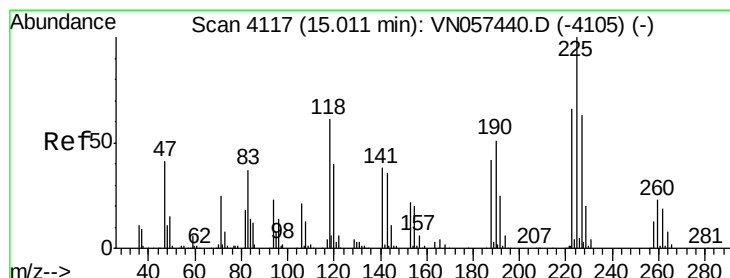
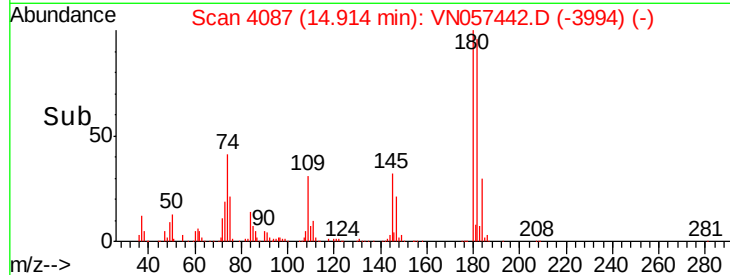
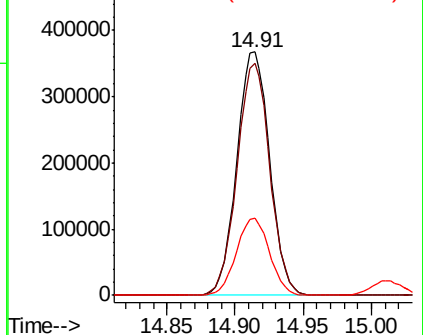
#93
 1,2,4-Trichlorobenzene
 Concen: 193.670 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 614110
 Ion Ratio Lower Upper
 180 100
 182 94.9 46.7 140.1
 145 31.9 15.6 46.8

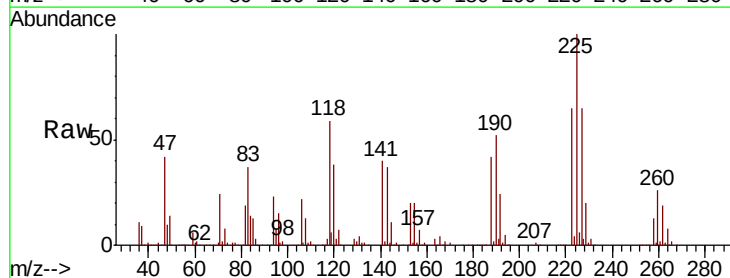


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

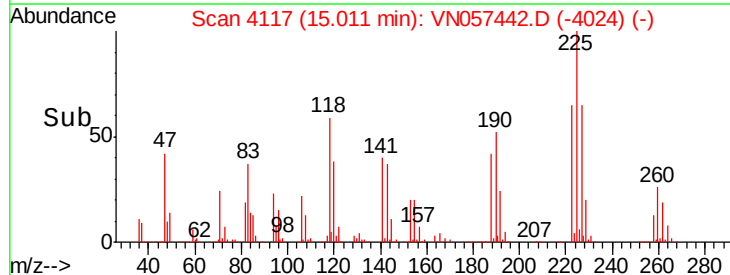
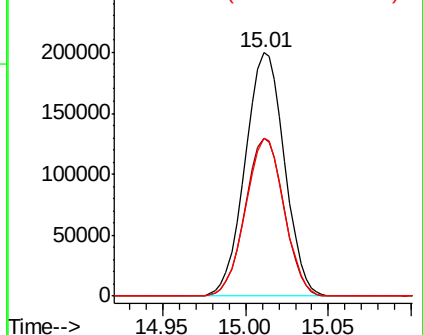


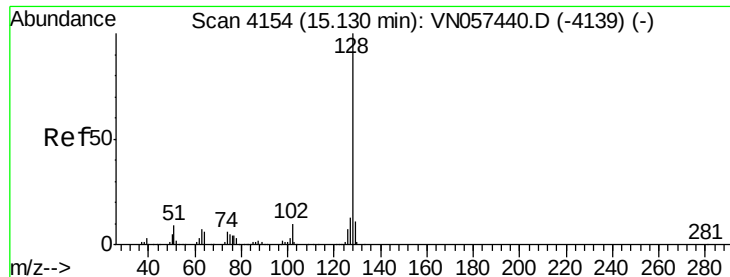
#94
 Hexachlorobutadiene
 Concen: 78.460 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN057442.D
 Acq: 22 Aug 2019 19:08

Tgt Ion:225 Resp: 329083
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.0 96.2
 227 63.7 31.5 94.5



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

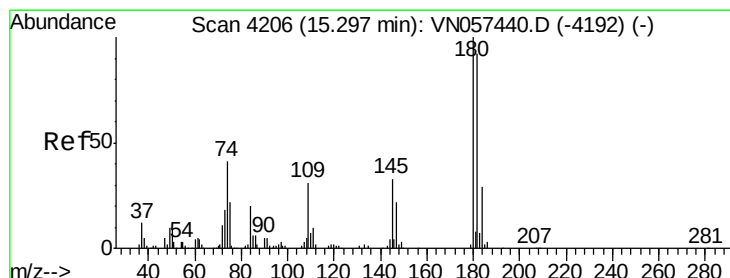
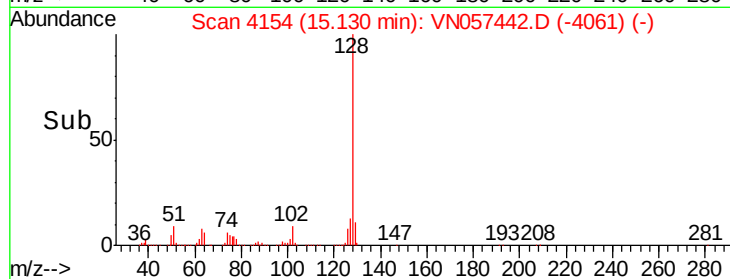
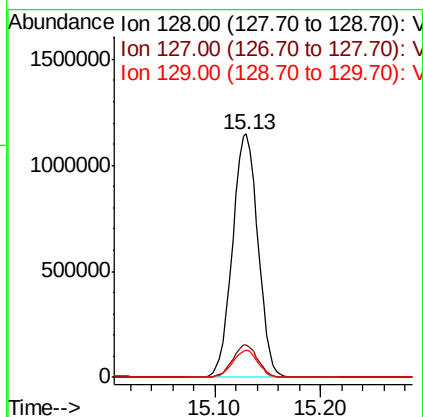
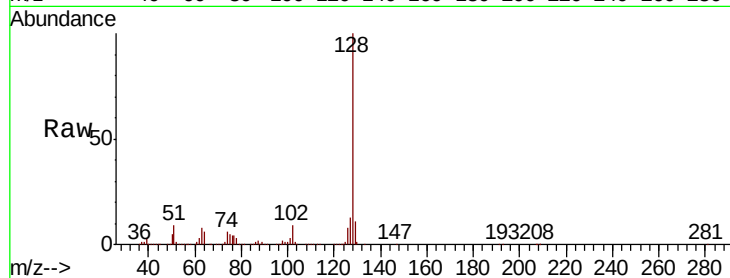




#95
Naphthalene
Concen: 258.460 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1909053
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 200.085 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN057442.D
Acq: 22 Aug 2019 19:08

Tgt Ion:180 Resp: 609872
Ion Ratio Lower Upper
180 100
182 94.4 46.7 140.1
145 33.2 16.8 50.3

