

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057496.D
 Acq On : 24 Aug 2019 1:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 26 05:17:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	328949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	620231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	587884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222268	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	310035	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	7.57	113	204285	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	10.08	98	838309	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.40	95	289269	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	188115	48.461	ug/l	96
3) Chloromethane	2.05	50	259304	46.771	ug/l	100
4) Vinyl Chloride	2.17	62	330743	49.012	ug/l	98
5) Bromomethane	2.54	94	203316	48.890	ug/l	97
6) Chloroethane	2.68	64	216023	49.767	ug/l	96
7) Trichlorofluoromethane	3.00	101	515315	49.196	ug/l	98
8) Diethyl Ether	3.39	74	185627	52.771	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	271867	51.879	ug/l	100
10) Methyl Iodide	3.92	142	211328	49.408	ug/l	99
11) Tert butyl alcohol	4.78	59	160469	223.193	ug/l	100
12) 1,1-Dichloroethene	3.71	96	275708	49.241	ug/l	98
13) Acrolein	3.58	56	150716	238.398	ug/l	94
14) Allyl chloride	4.29	41	356271	48.041	ug/l	97
15) Acrylonitrile	4.97	53	475556	245.269	ug/l	99
16) Acetone	3.80	43	649748	244.501	ug/l	96
17) Carbon Disulfide	4.02	76	473251	44.309	ug/l	98
18) Methyl Acetate	4.30	43	295558	51.567	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	626660	46.364	ug/l	99
20) Methylene Chloride	4.52	84	196036	49.755	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	182420	46.169	ug/l	99
22) Diisopropyl ether	5.93	45	784592	49.388	ug/l	97
23) Vinyl Acetate	5.87	43	2937288	236.724	ug/l	99
24) 1,1-Dichloroethane	5.82	63	414390	49.220	ug/l	98
25) 2-Butanone	6.82	43	667247	231.230	ug/l	99
26) 2,2-Dichloropropane	6.80	77	265103	36.361	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	225108	48.062	ug/l	97
28) Bromochloromethane	7.18	49	246039	54.267	ug/l	98
29) Tetrahydrofuran	7.20	42	452639	237.883	ug/l	99
30) Chloroform	7.36	83	399897	51.195	ug/l	96
31) Cyclohexane	7.63	56	395177	48.616	ug/l	94
32) 1,1,1-Trichloroethane	7.55	97	336947	46.656	ug/l	99
36) 1,1-Dichloropropene	7.78	75	298035	47.027	ug/l	99
37) Ethyl Acetate	6.91	43	293460	46.861	ug/l	98
38) Carbon Tetrachloride	7.76	117	274155	43.544	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057496.D
 Acq On : 24 Aug 2019 1:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 26 05:17:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	351506	46.701	ug/l	98
40) Benzene	8.03	78	883463	46.445	ug/l	99
41) Methacrylonitrile	7.16	41	143793	48.153	ug/l	92
42) 1,2-Dichloroethane	8.11	62	347504	47.448	ug/l	98
43) Isopropyl Acetate	8.16	43	524262	45.656	ug/l	99
44) Trichloroethene	8.82	130	196178	46.202	ug/l	97
45) 1,2-Dichloropropane	9.11	63	255109	47.621	ug/l	98
46) Dibromomethane	9.20	93	148798	47.384	ug/l	95
47) Bromodichloromethane	9.39	83	322027	45.565	ug/l	98
48) Methyl methacrylate	9.19	41	259176	47.466	ug/l	99
49) 1,4-Dioxane	9.20	88	64935	919.641	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	1530608	239.176	ug/l	99
52) Toluene	10.15	92	547742	49.962	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	343048	46.340	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	355918	43.181	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	210198	47.411	ug/l	97
56) Ethyl methacrylate	10.43	69	341522	48.969	ug/l	98
57) 1,3-Dichloropropane	10.70	76	388412	50.337	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	574973	292.874	ug/l	99
59) 2-Hexanone	10.75	43	1046811	238.490	ug/l	99
60) Dibromochloromethane	10.90	129	220488	47.060	ug/l	99
61) 1,2-Dibromoethane	11.00	107	213573	49.115	ug/l	98
64) Tetrachloroethene	10.63	164	186655	45.383	ug/l	97
65) Chlorobenzene	11.43	112	544959	45.857	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	203661	44.686	ug/l	99
67) Ethyl Benzene	11.51	91	1079324	46.922	ug/l	98
68) m/p-Xylenes	11.62	106	738658	94.426	ug/l	97
69) o-Xylene	11.95	106	369354	47.663	ug/l	100
70) Styrene	11.96	104	613133	49.968	ug/l	100
71) Bromoform	12.12	173	129838	42.143	ug/l #	95
73) Isopropylbenzene	12.25	105	999863	50.753	ug/l	98
74) N-amyl acetate	12.07	43	445988	47.882	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	277985	48.860	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	358150	74.640	ug/l #	100
77) Bromobenzene	12.53	156	205598	50.442	ug/l	97
78) n-propylbenzene	12.59	91	1117936	49.415	ug/l	100
79) 2-Chlorotoluene	12.67	91	669711	50.536	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	828492	51.202	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	82668	40.689	ug/l	97
82) 4-Chlorotoluene	12.77	91	642205	48.447	ug/l	100
83) tert-Butylbenzene	12.99	119	683979	50.529	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	792342	45.854	ug/l	99
85) sec-Butylbenzene	13.17	105	922953	50.265	ug/l	99
86) p-Isopropyltoluene	13.29	119	767108	44.154	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	317570	44.233	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	307455	43.729	ug/l	98
89) n-Butylbenzene	13.62	91	662723	45.076	ug/l	100
90) Hexachloroethane	13.88	117	150362	45.976	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	319259	46.583	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46419	43.632	ug/l	96

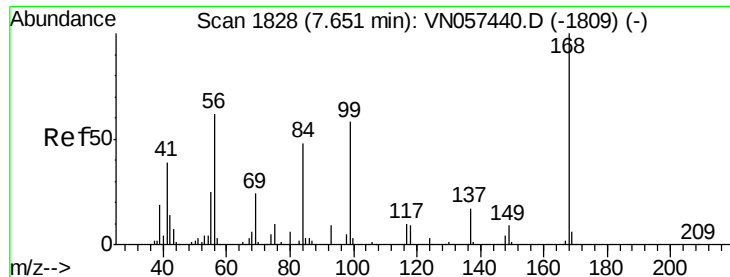
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
Data File : VN057496.D
Acq On : 24 Aug 2019 1:34
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 26 05:17:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	98443	37.058	ug/l	96
94) Hexachlorobutadiene	15.01	225	83627	47.754	ug/l	99
95) Naphthalene	15.13	128	323755	37.776	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	104068	38.831	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

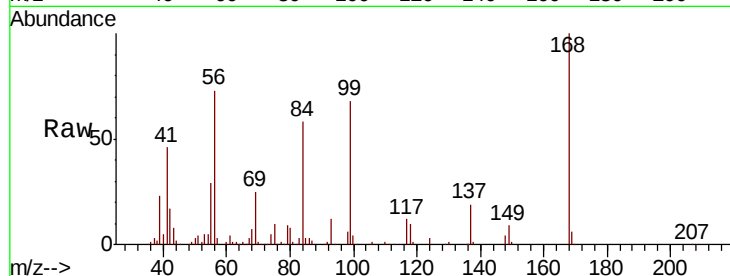
VSTDCCC050EC

Tgt Ion:168 Resp: 328949

Ion Ratio Lower Upper

168 100

99 67.5 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

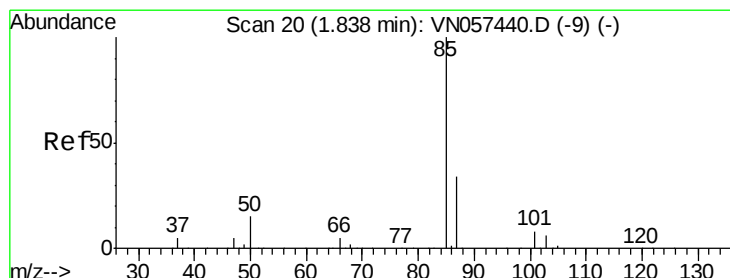
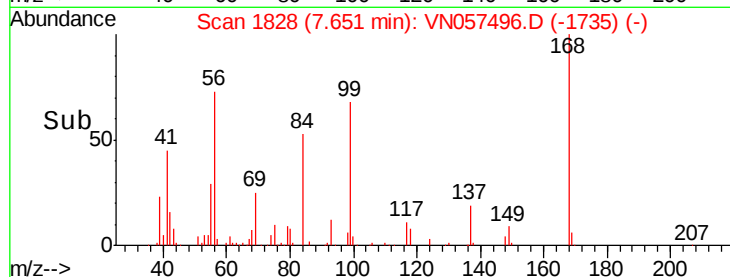
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 48.461 ug/l

RT: 1.84 min Scan# 20

Delta R.T. -0.00 min

Lab File: VN057496.D

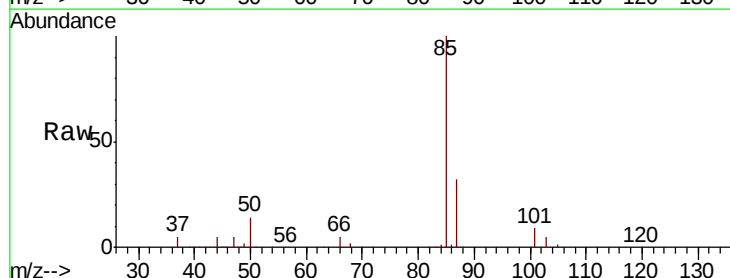
Acq: 24 Aug 2019 1:34

Tgt Ion: 85 Resp: 188115

Ion Ratio Lower Upper

85 100

87 32.0 17.1 51.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

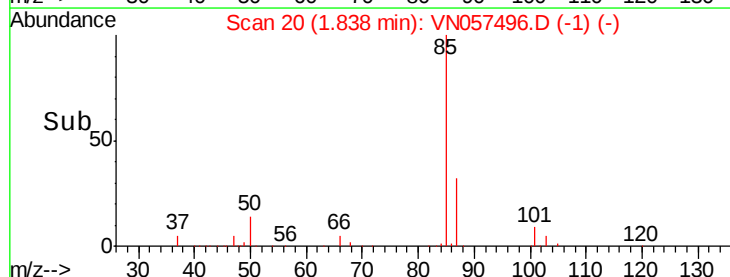
150000

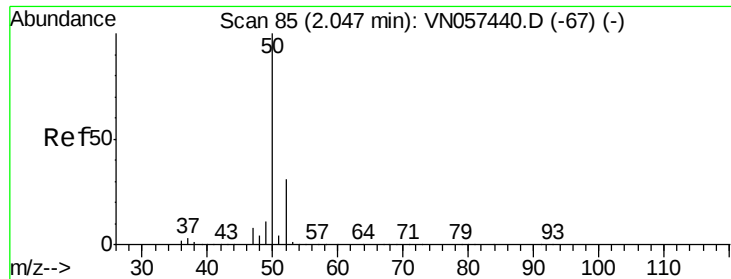
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 46.771 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

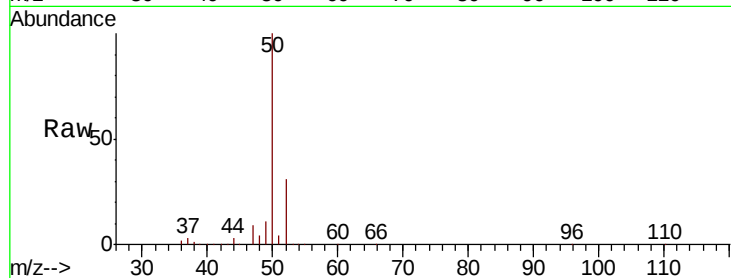
VSTDCCC050EC

Tgt Ion: 50 Resp: 259304

Ion Ratio Lower Upper

50 100

52 31.3 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.05

200000

150000

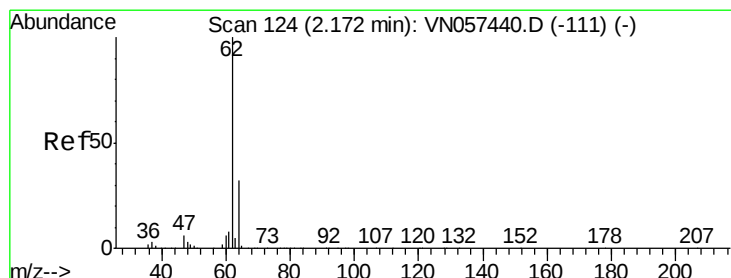
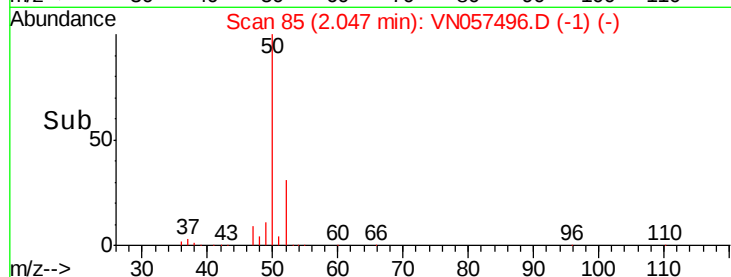
100000

50000

0

Time-->

1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 49.012 ug/l

RT: 2.17 min Scan# 124

Delta R.T. -0.00 min

Lab File: VN057496.D

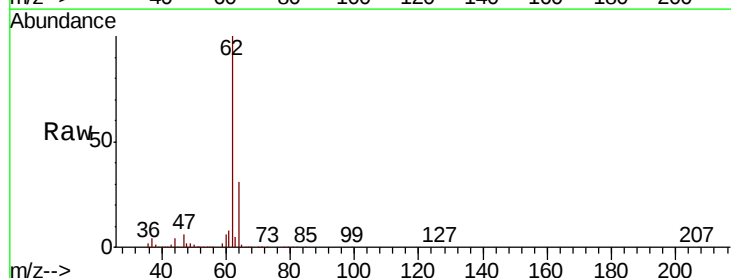
Acq: 24 Aug 2019 1:34

Tgt Ion: 62 Resp: 330743

Ion Ratio Lower Upper

62 100

64 31.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

250000

200000

150000

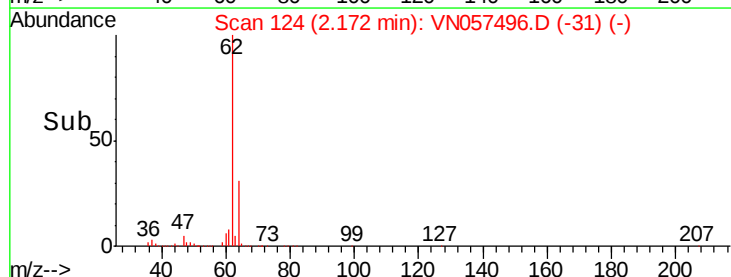
100000

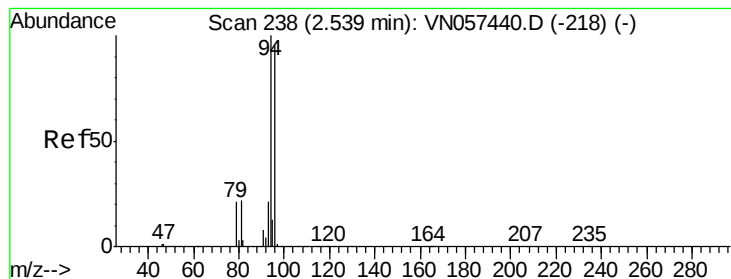
50000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 48.890 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

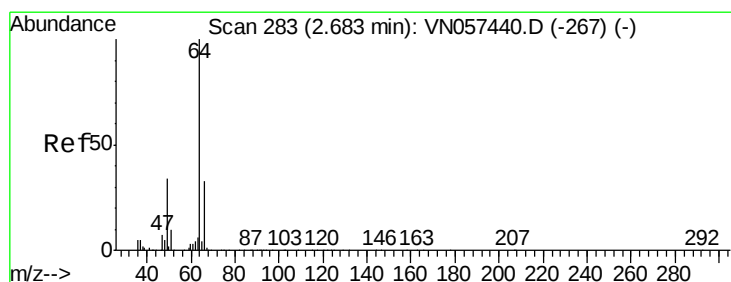
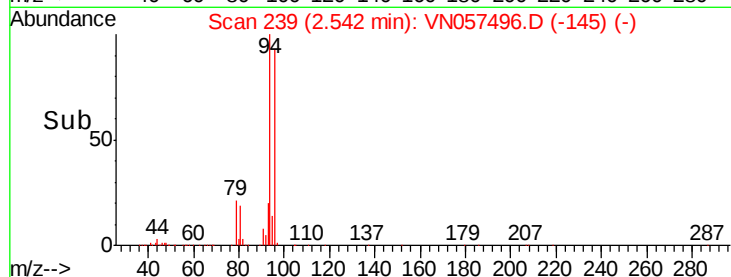
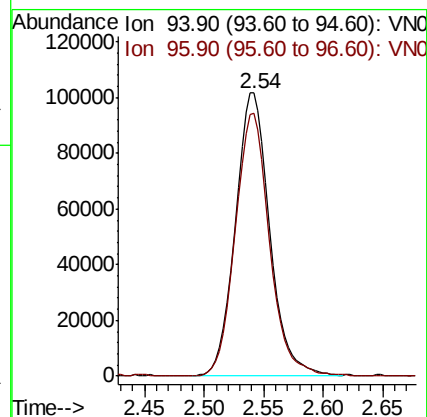
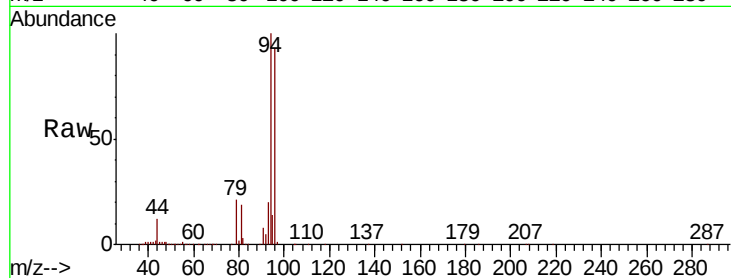
VSTDCCC050EC

Tgt Ion: 94 Resp: 203316

Ion Ratio Lower Upper

94 100

96 92.5 76.2 114.4



#6

Chloroethane

Concen: 49.767 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN057496.D

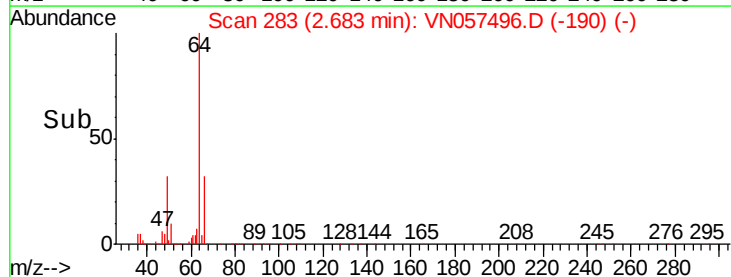
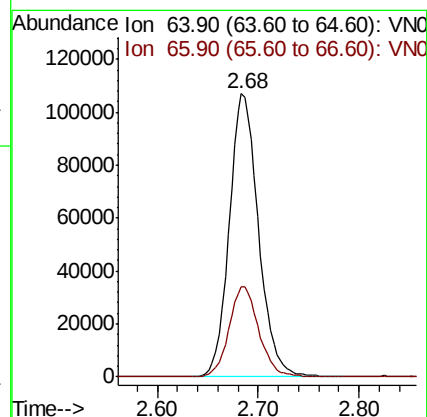
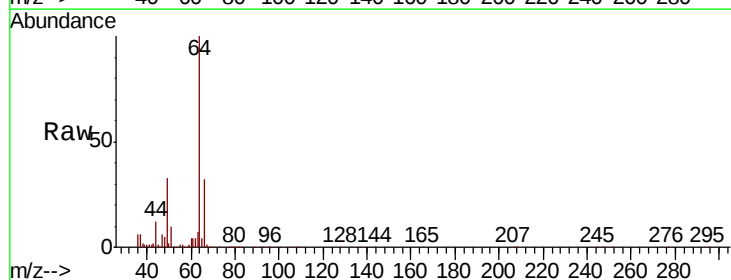
Acq: 24 Aug 2019 1:34

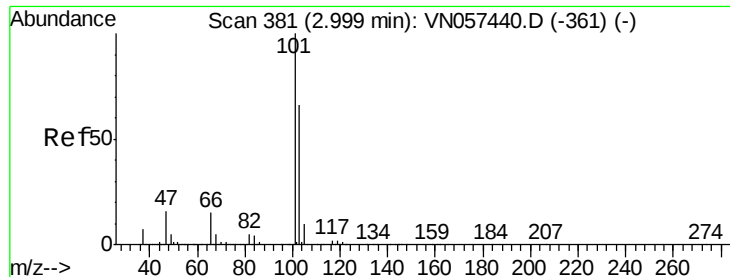
Tgt Ion: 64 Resp: 216023

Ion Ratio Lower Upper

64 100

66 31.5 26.8 40.2



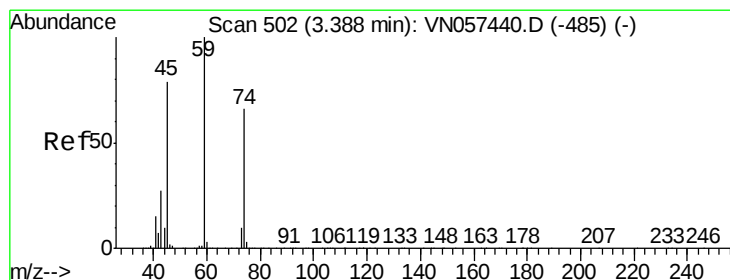
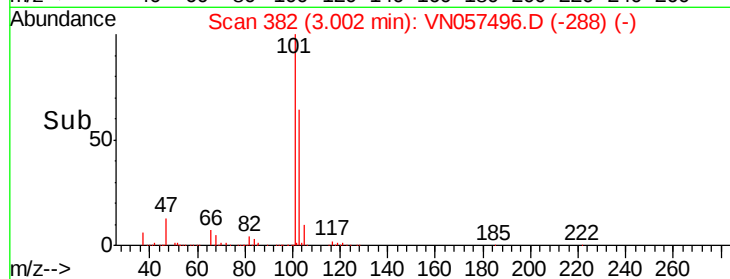
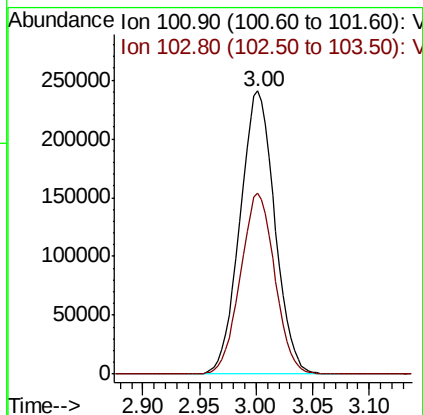
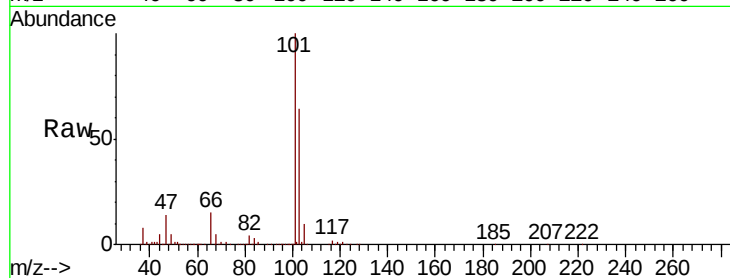


#7

Trichlorofluoromethane
 Concen: 49.196 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

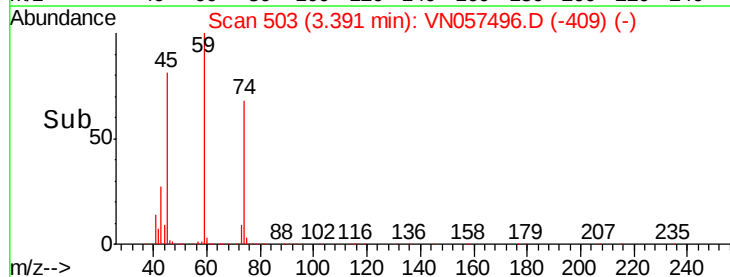
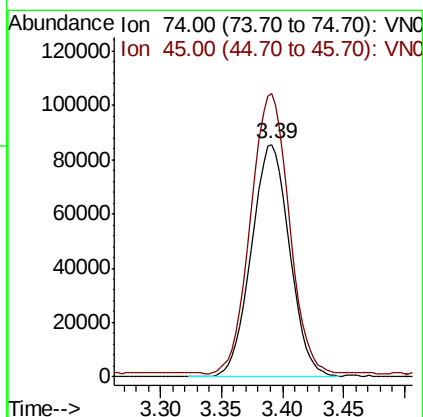
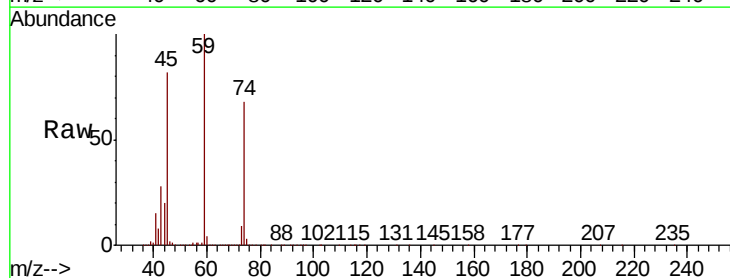
Tgt Ion:101 Resp: 515315
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.6 78.8

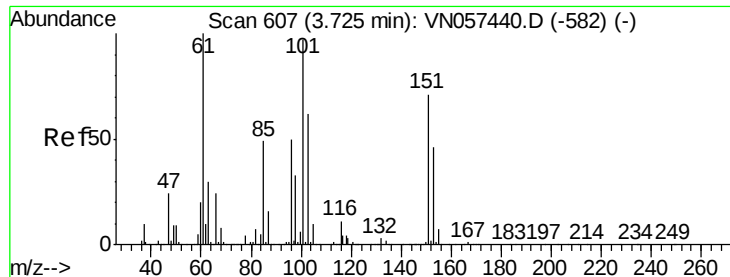


#8

Diethyl Ether
 Concen: 52.771 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion: 74 Resp: 185627
 Ion Ratio Lower Upper
 74 100
 45 121.0 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.879 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

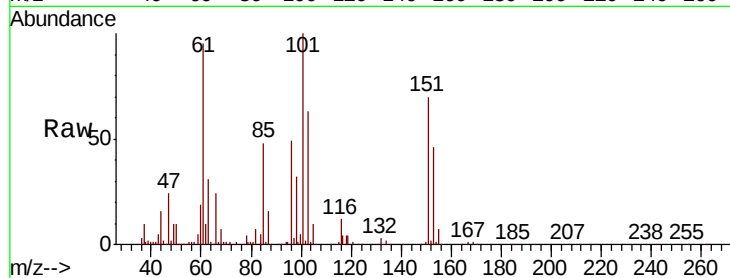
Tgt Ion:101 Resp: 271867

Ion Ratio Lower Upper

101 100

85 49.6 40.0 60.0

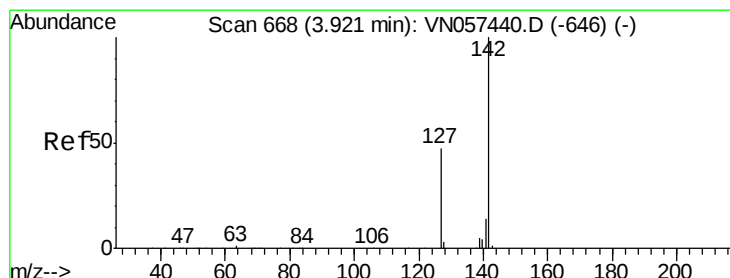
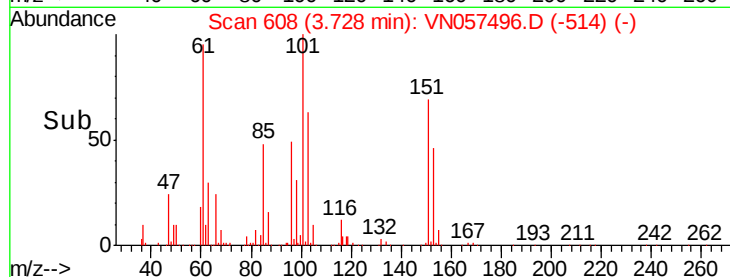
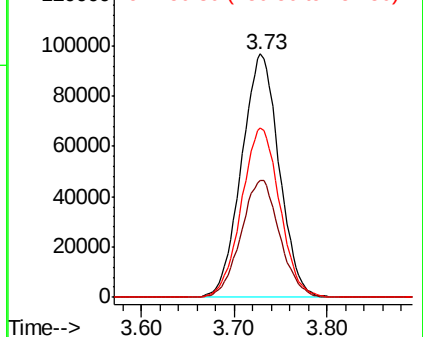
151 71.0 57.0 85.6



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: 49.408 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

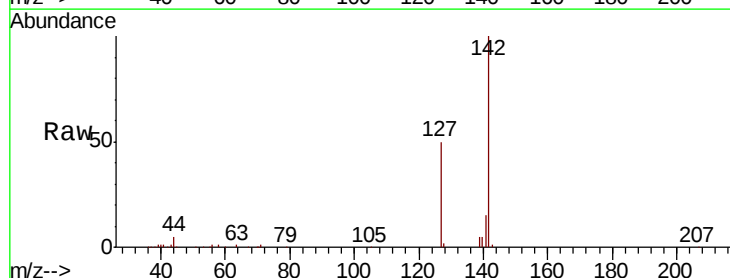
Tgt Ion:142 Resp: 211328

Ion Ratio Lower Upper

142 100

127 48.0 37.8 56.8

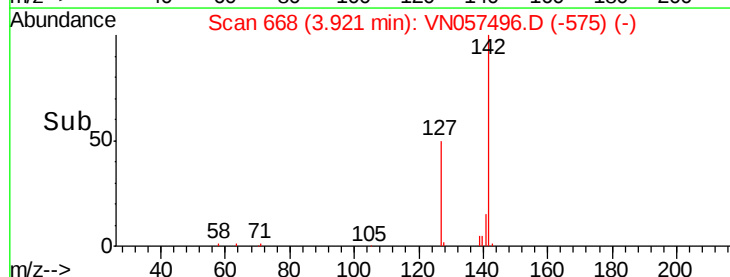
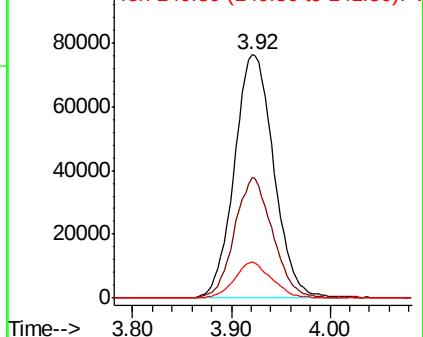
141 14.1 11.9 17.9

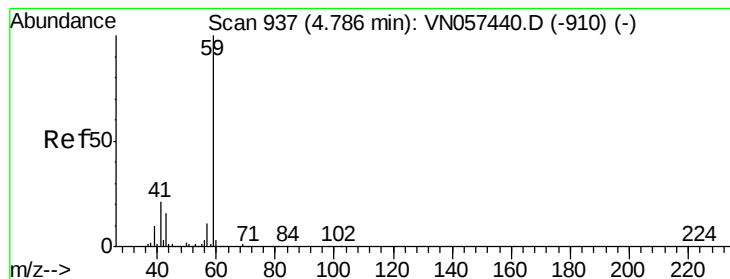


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



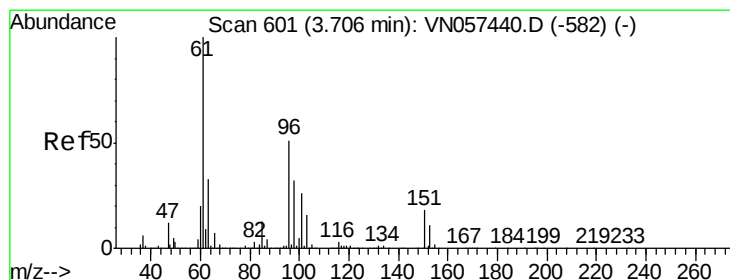
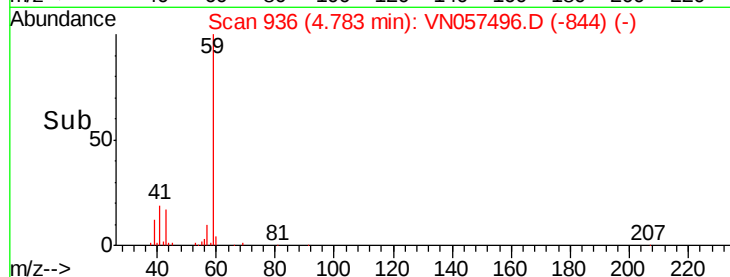
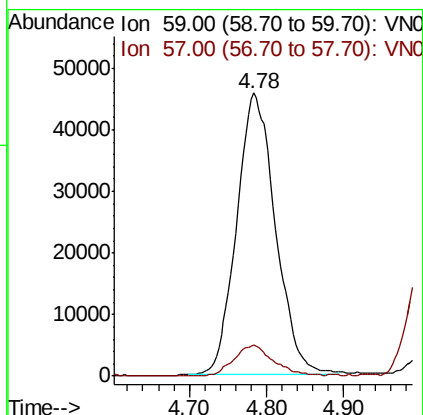
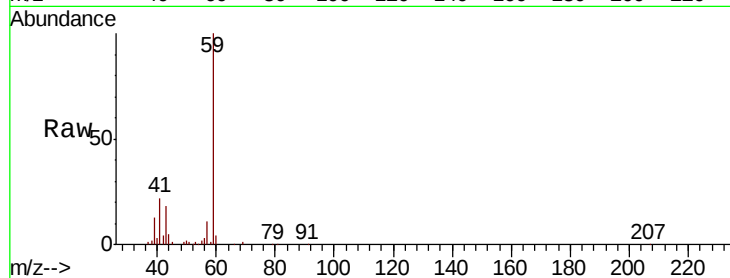


#11

Tert butyl alcohol
 Concen: 223.193 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

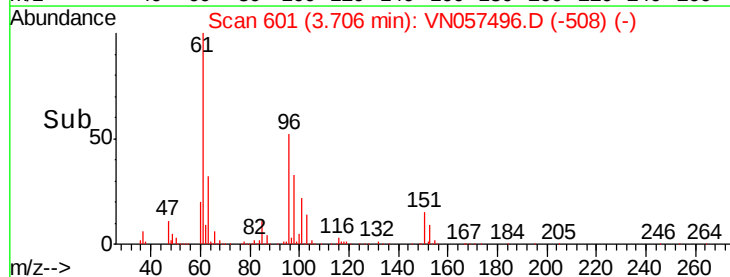
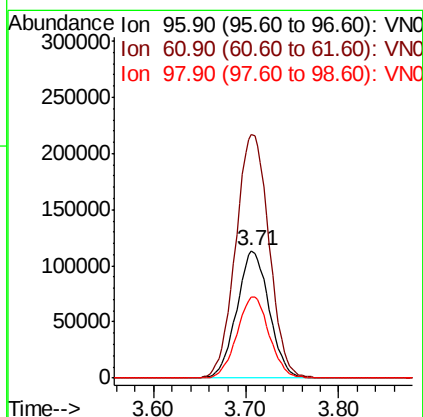
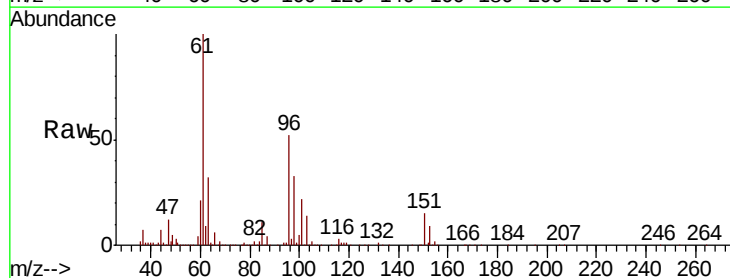
Tgt Ion: 59 Resp: 160469
 Ion Ratio Lower Upper
 59 100
 57 11.3 9.1 13.7

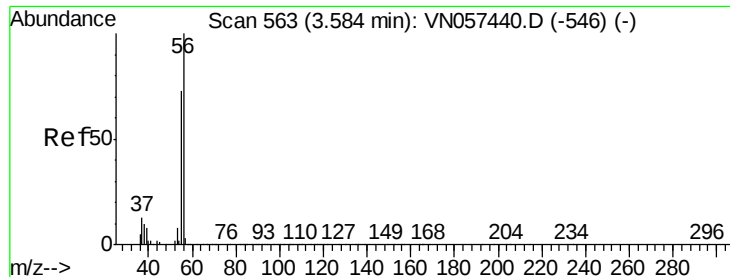


#12

1,1-Dichloroethene
 Concen: 49.241 ug/l
 RT: 3.71 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion: 96 Resp: 275708
 Ion Ratio Lower Upper
 96 100
 61 191.0 155.3 232.9
 98 63.0 50.2 75.2





#13

Acrolein

Concen: 238.398 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

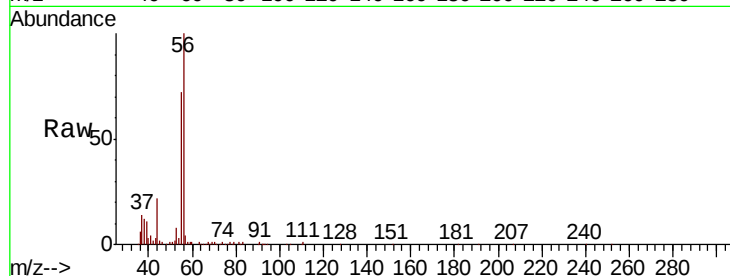
VSTDCCC050EC

Tgt Ion: 56 Resp: 150716

Ion Ratio Lower Upper

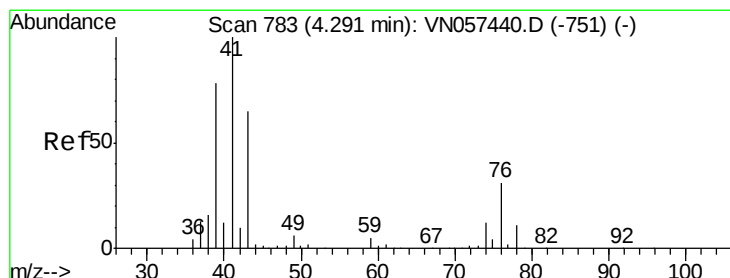
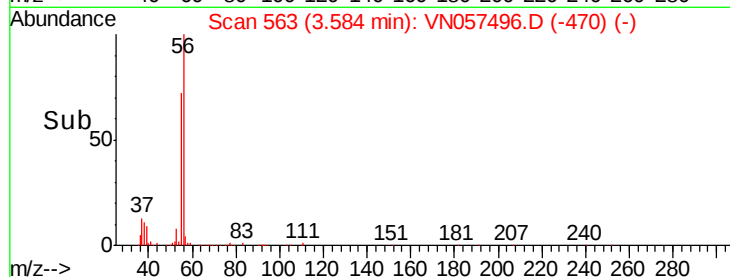
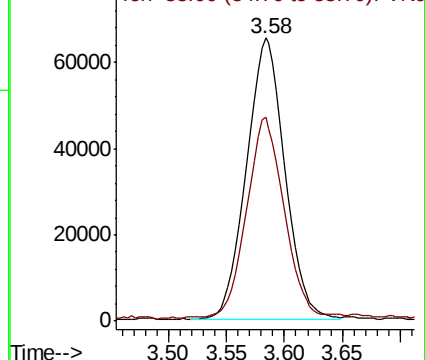
56 100

55 68.7 59.0 88.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.041 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

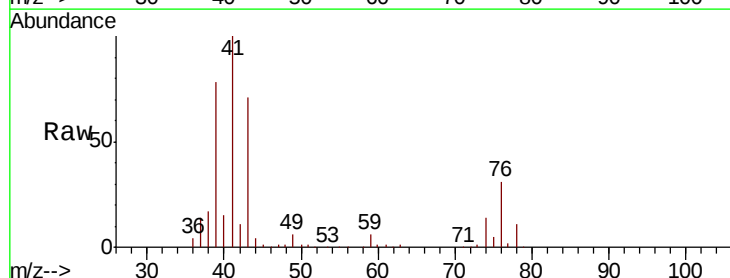
Tgt Ion: 41 Resp: 356271

Ion Ratio Lower Upper

41 100

39 74.2 57.4 86.2

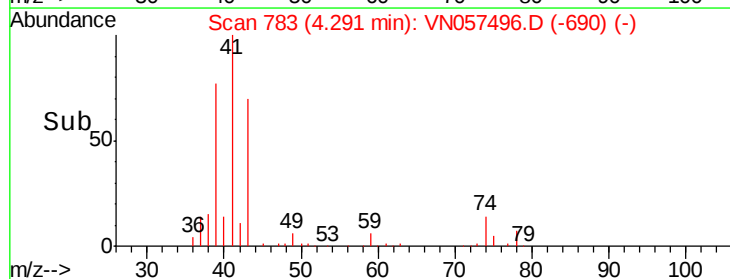
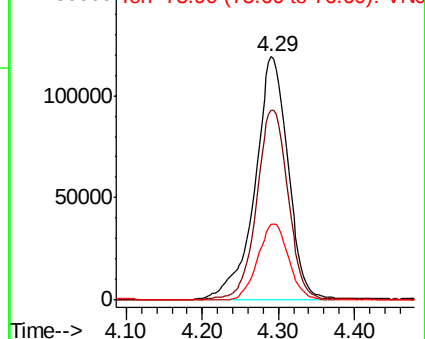
76 29.4 22.9 34.3

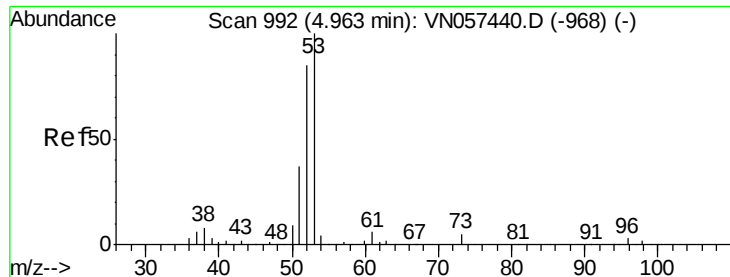


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 245.269 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

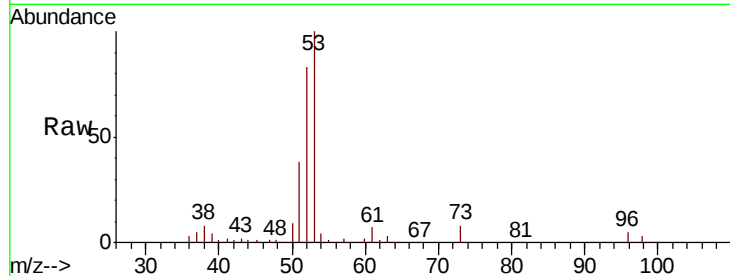
Tgt Ion: 53 Resp: 475556

Ion Ratio Lower Upper

53 100

52 82.3 67.0 100.6

51 37.5 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN057440.D (-968) (-)

Ion 52.00 (51.70 to 52.70): VN057440.D (-968) (-)

Ion 51.00 (50.70 to 51.70): VN057440.D (-968) (-)

4.97

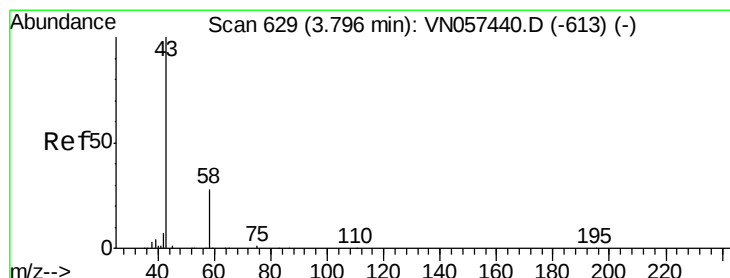
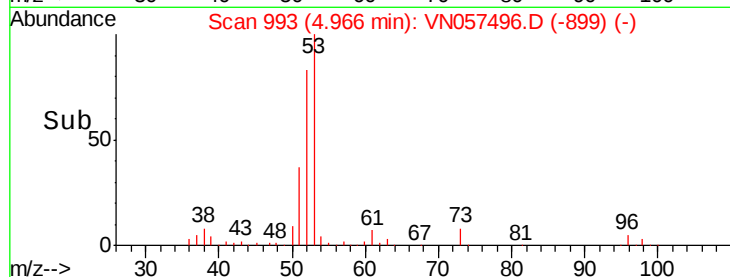
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 244.501 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057496.D

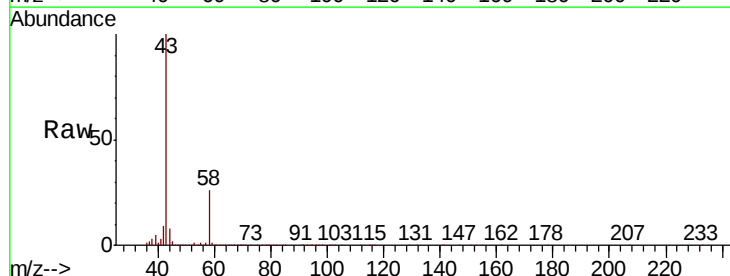
Acq: 24 Aug 2019 1:34

Tgt Ion: 43 Resp: 649748

Ion Ratio Lower Upper

43 100

58 25.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-613) (-)

Ion 58.00 (57.70 to 58.70): VN057440.D (-613) (-)

3.80

300000

250000

200000

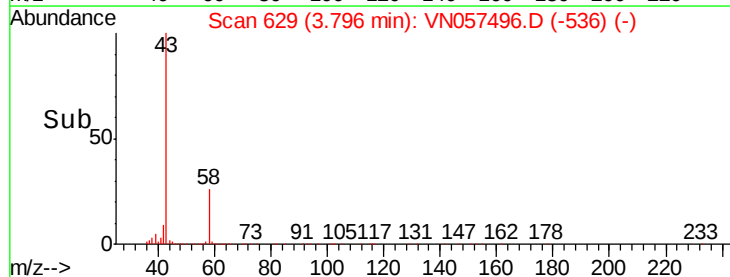
150000

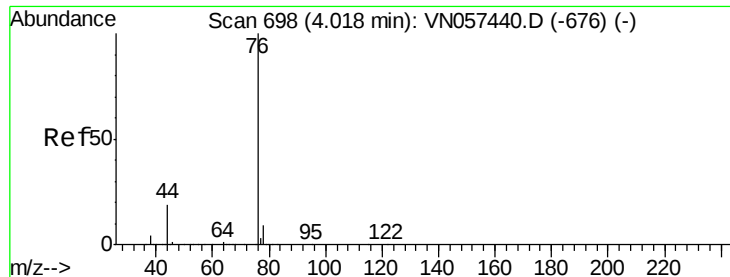
100000

50000

0

Time-->

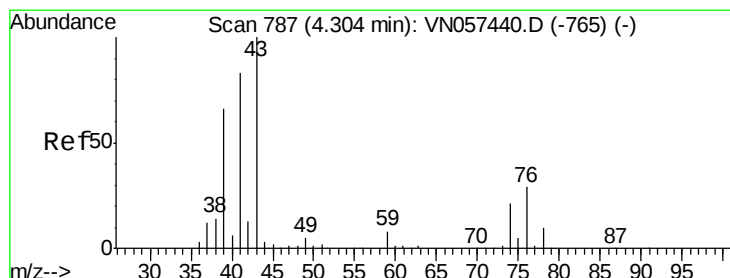
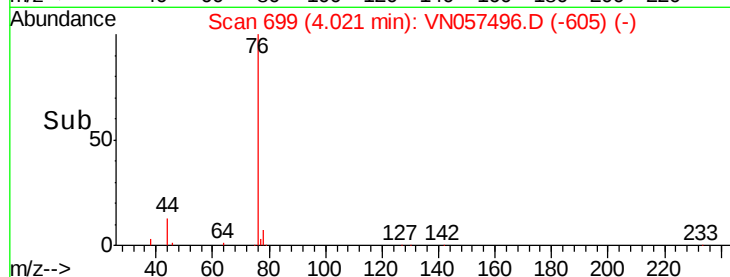
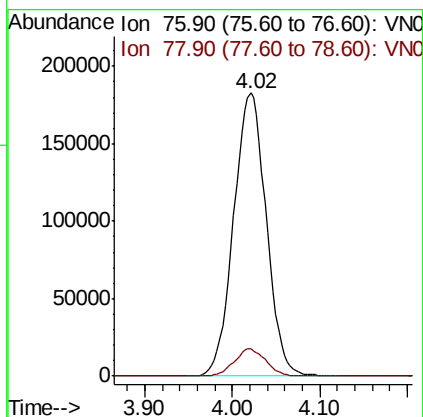
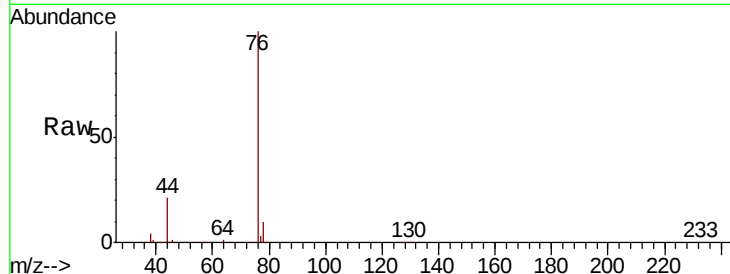




#17
Carbon Disulfide
Concen: 44.309 ug/l
RT: 4.02 min Scan# 699
Delta R.T. 0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

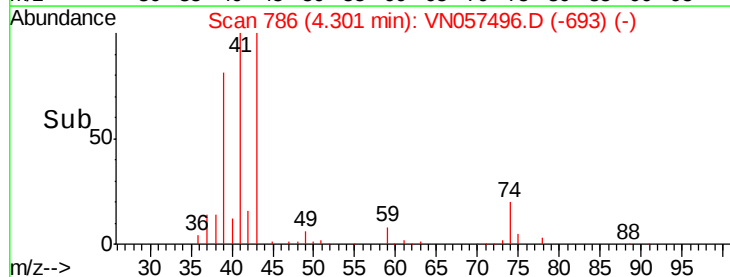
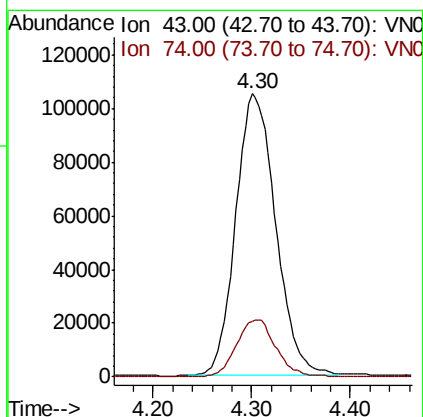
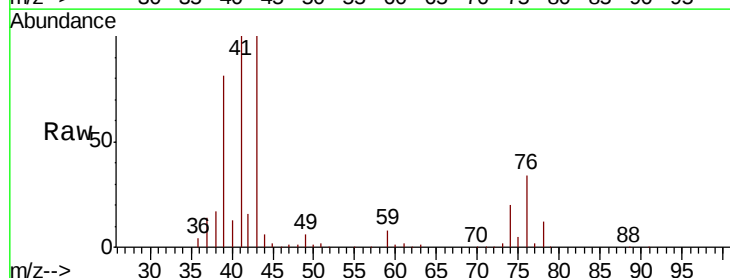
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

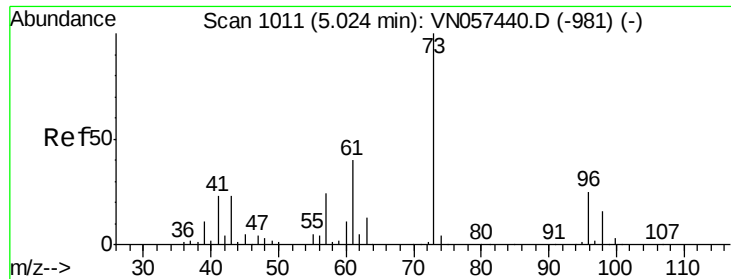
Tgt Ion: 76 Resp: 473251
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 51.567 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion: 43 Resp: 295558
Ion Ratio Lower Upper
43 100
74 20.1 15.9 23.9

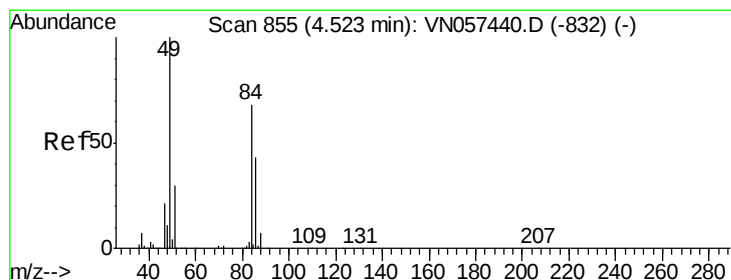
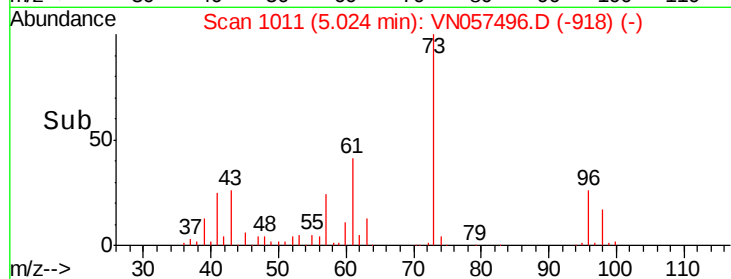
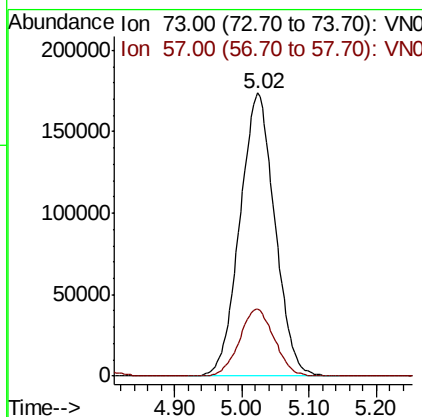
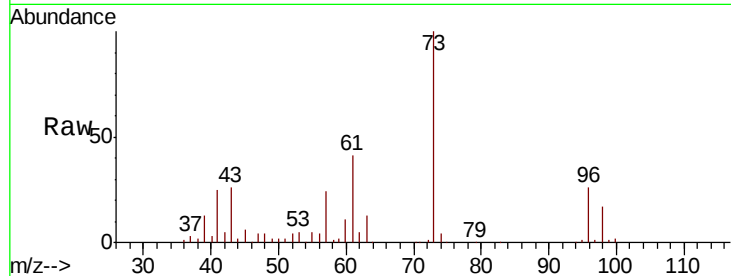




#19
Methyl tert-butyl Ether
Concen: 46.364 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

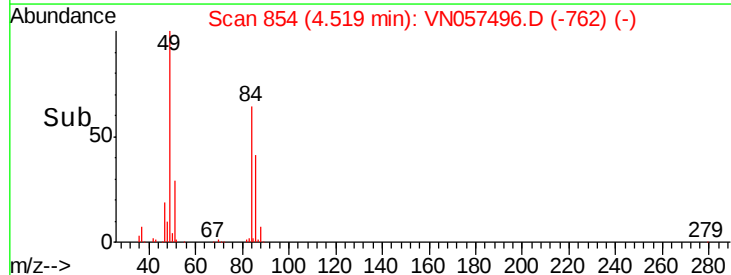
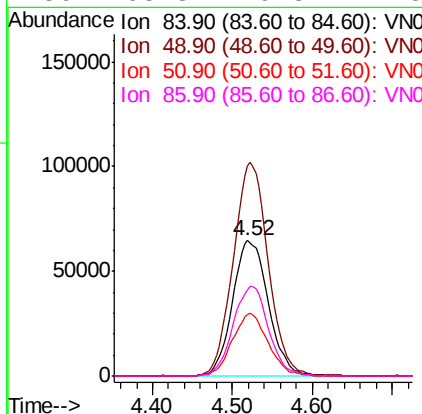
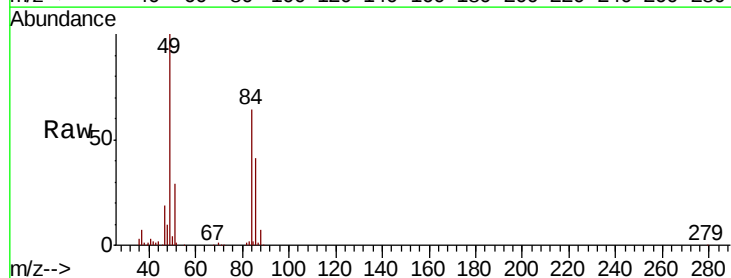
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

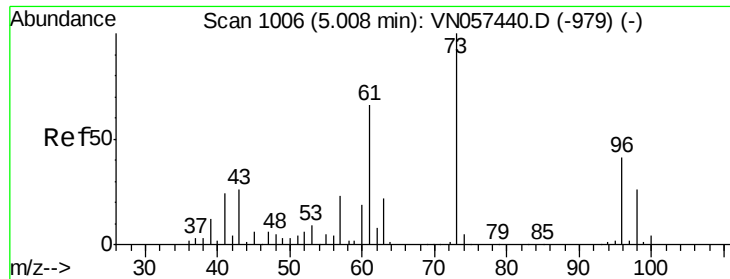
Tgt Ion: 73 Resp: 626660
Ion Ratio Lower Upper
73 100
57 23.6 19.1 28.7



#20
Methylene Chloride
Concen: 49.755 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion: 84 Resp: 196036
Ion Ratio Lower Upper
84 100
49 155.2 117.0 175.4
51 45.5 35.5 53.3
86 63.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 46.169 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

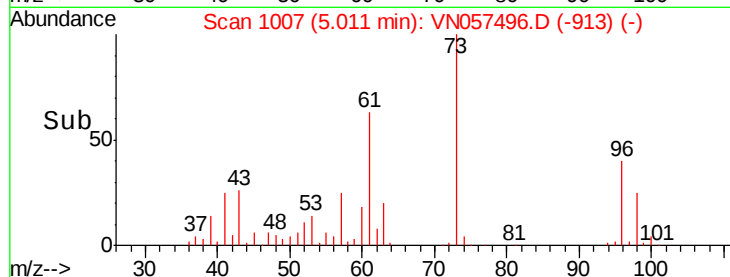
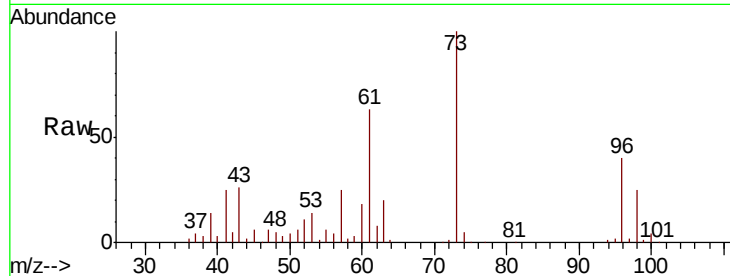
Tgt Ion: 96 Resp: 182420

Ion Ratio Lower Upper

96 100

61 158.2 127.9 191.9

98 62.2 50.6 76.0

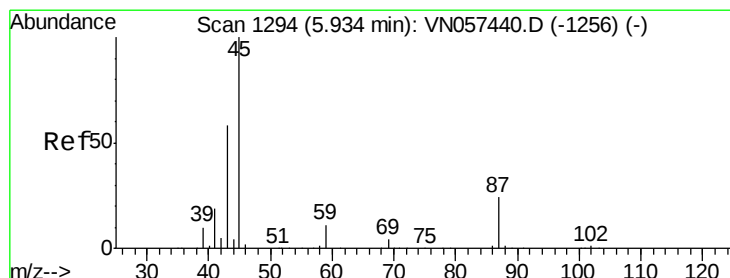
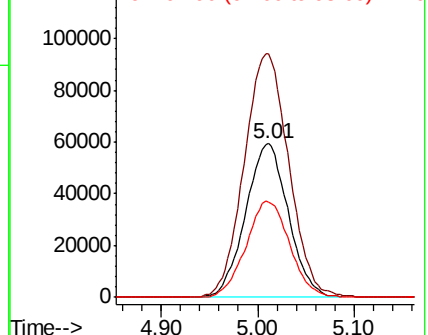


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 49.388 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Tgt Ion: 45 Resp: 784592

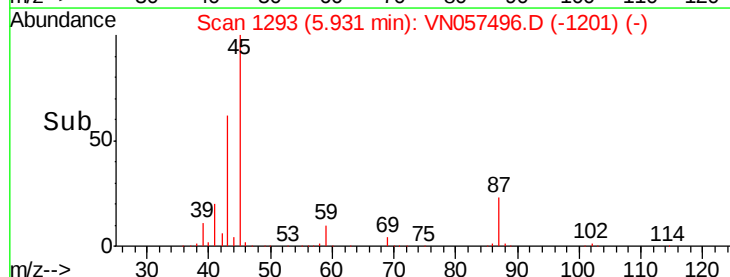
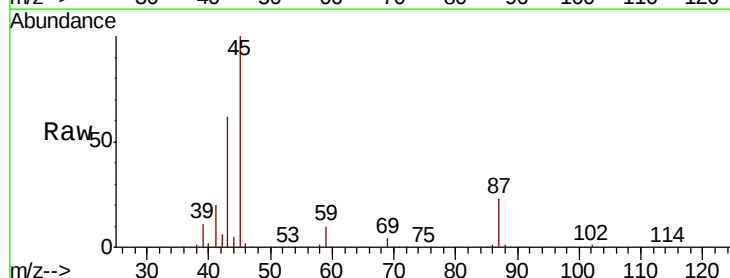
Ion Ratio Lower Upper

45 100

43 61.2 46.9 70.3

87 23.3 19.3 28.9

59 9.5 8.7 13.1



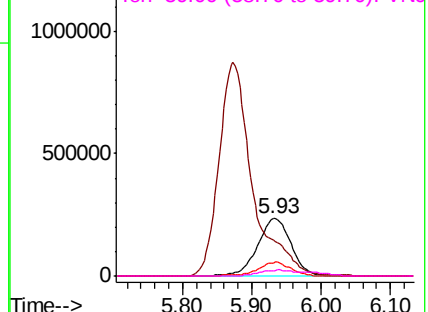
Abundance

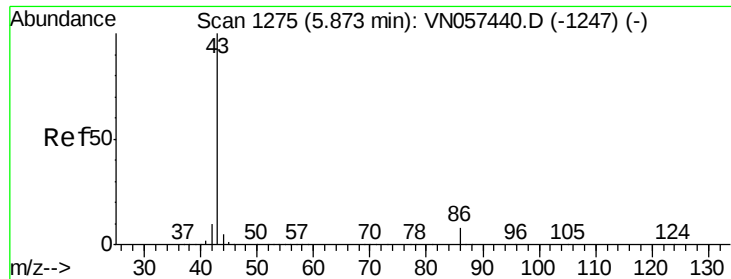
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

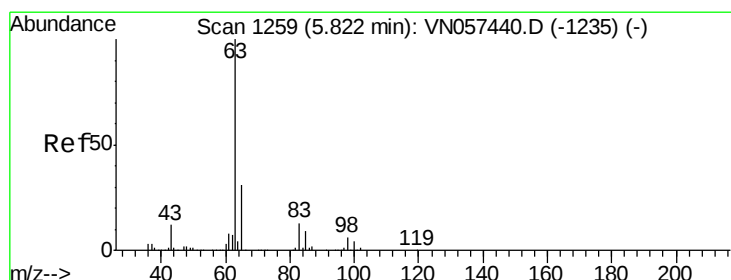
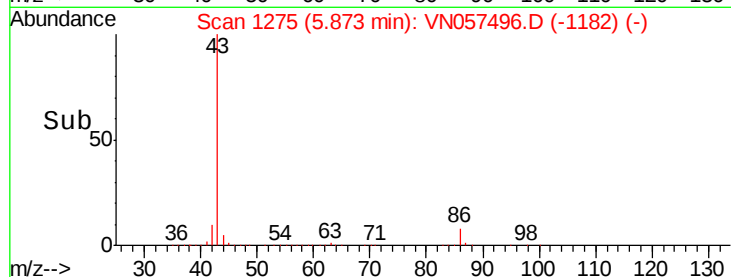
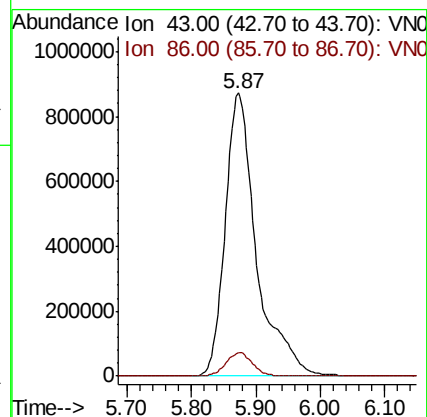
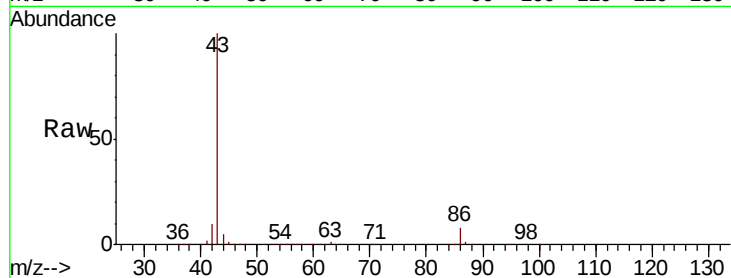




#23
 Vinyl Acetate
 Concen: 236.724 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

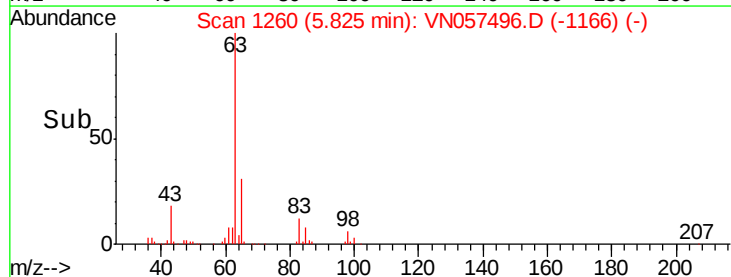
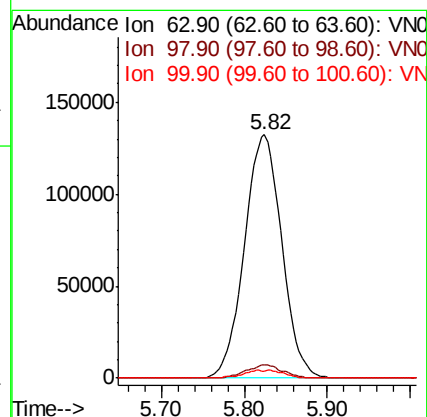
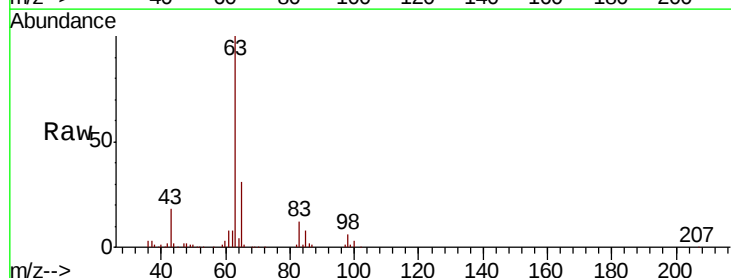
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

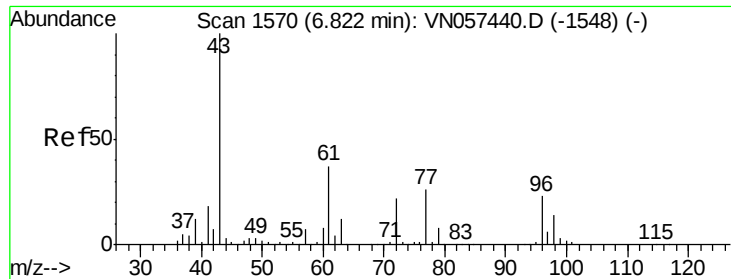
Tgt Ion: 43 Resp: 2937288
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 49.220 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion: 63 Resp: 414390
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.6
 100 2.8 2.1 6.3





#25

2-Butanone

Concen: 231.230 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

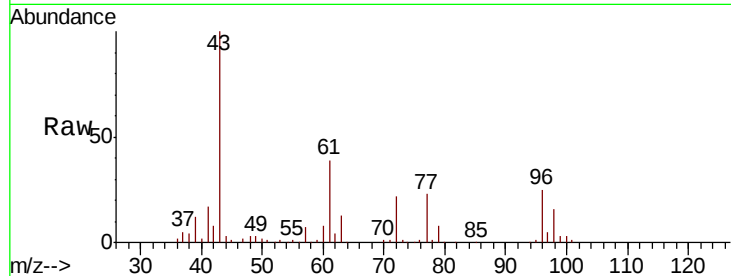
VSTDCCC050EC

Tgt Ion: 43 Resp: 667247

Ion Ratio Lower Upper

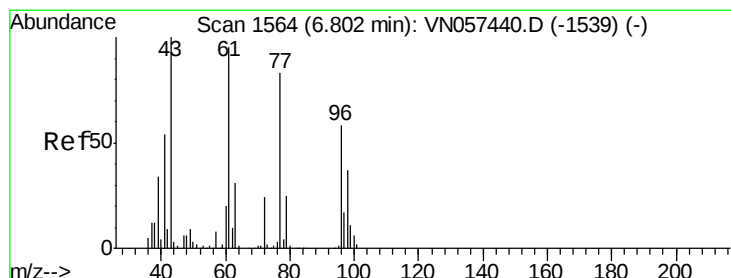
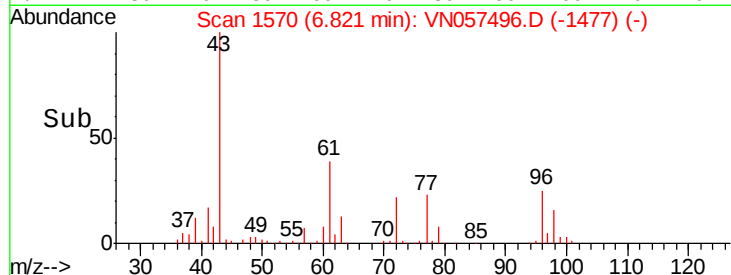
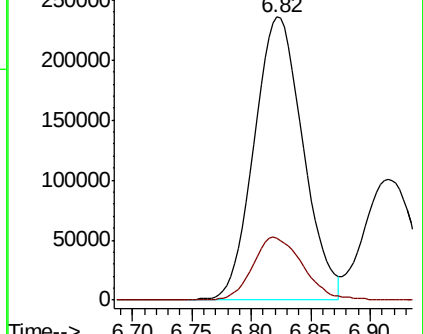
43 100

72 22.0 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: 36.361 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN057496.D

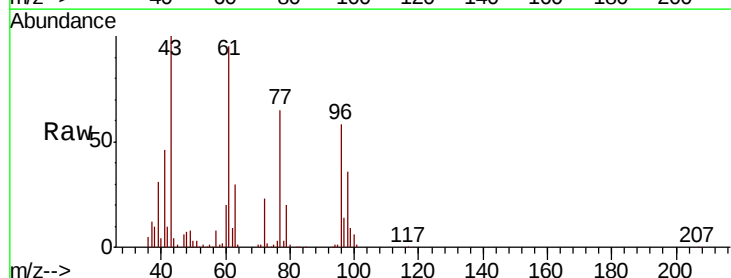
Acq: 24 Aug 2019 1:34

Tgt Ion: 77 Resp: 265103

Ion Ratio Lower Upper

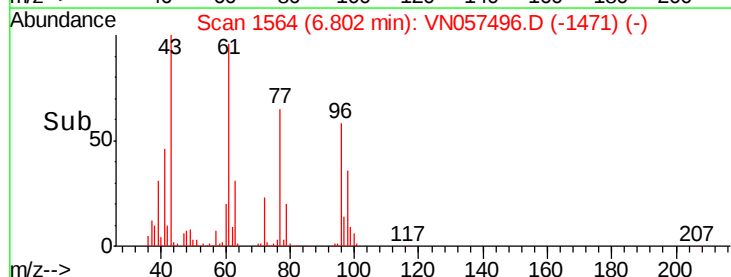
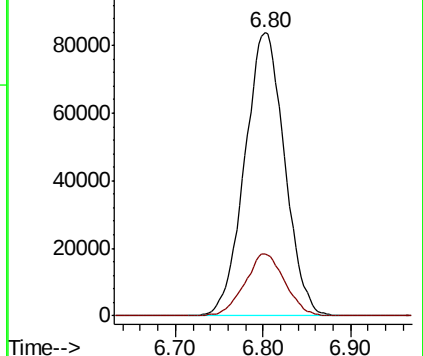
77 100

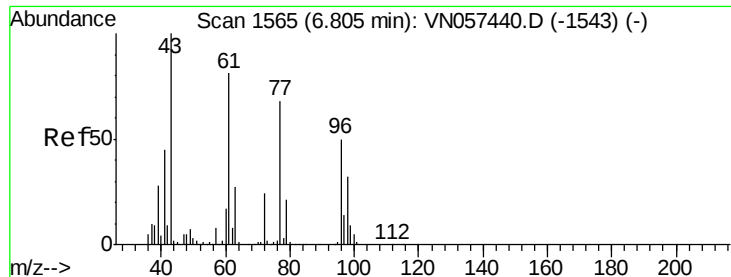
97 22.0 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

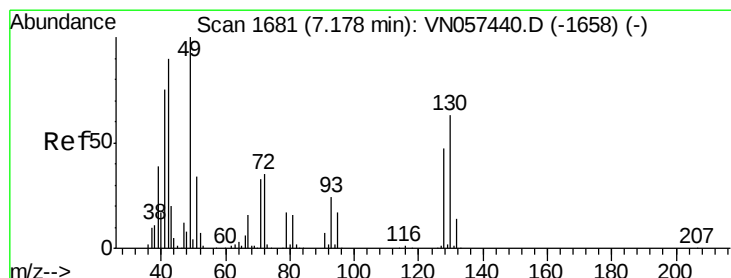
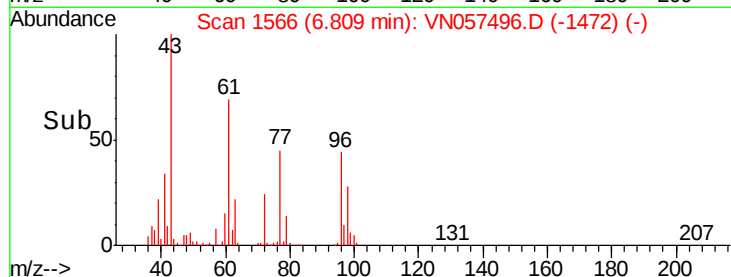
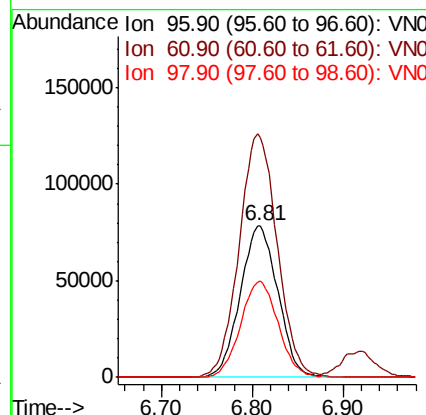
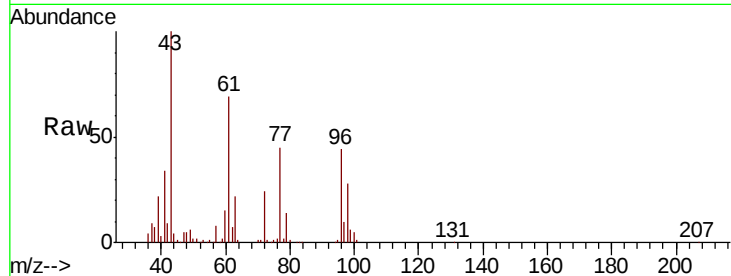




#27
 cis-1,2-Dichloroethene
 Concen: 48.062 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

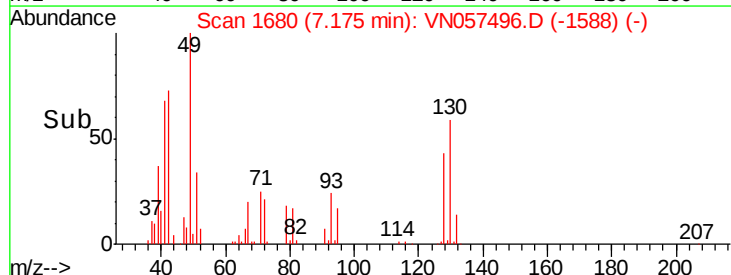
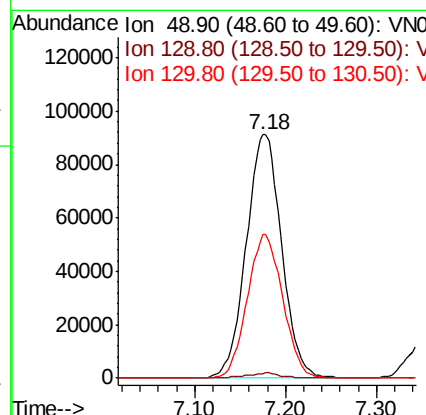
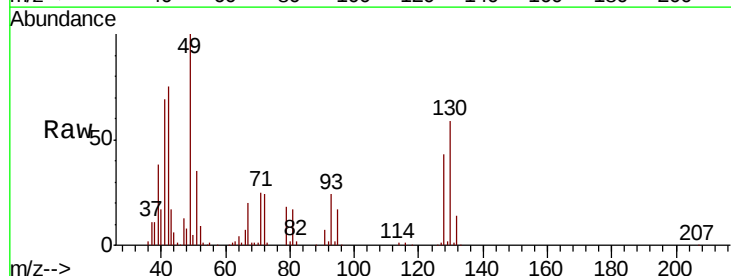
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

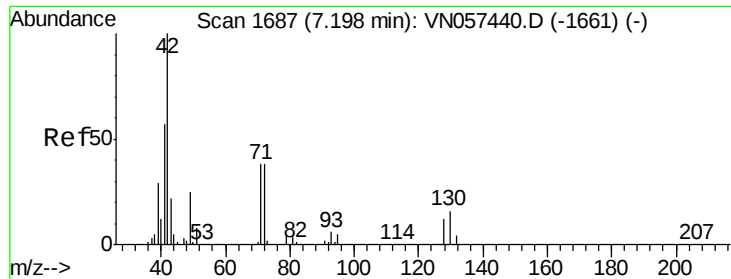
Tgt Ion: 96 Resp: 225108
 Ion Ratio Lower Upper
 96 100
 61 162.7 0.0 334.8
 98 63.4 0.0 127.4



#28
 Bromochloromethane
 Concen: 54.267 ug/l
 RT: 7.18 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion: 49 Resp: 246039
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 58.8 48.6 72.8

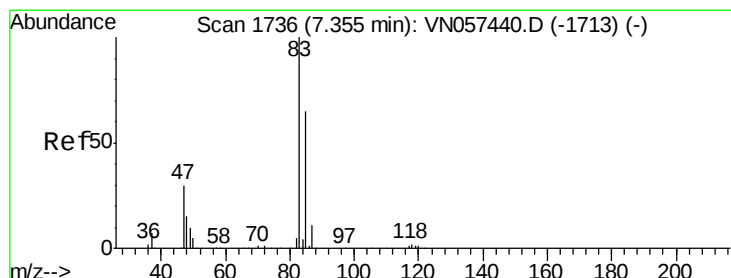
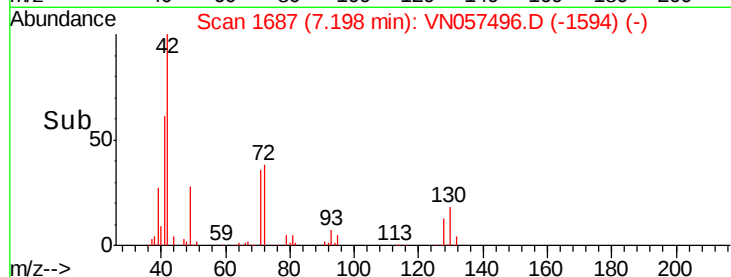
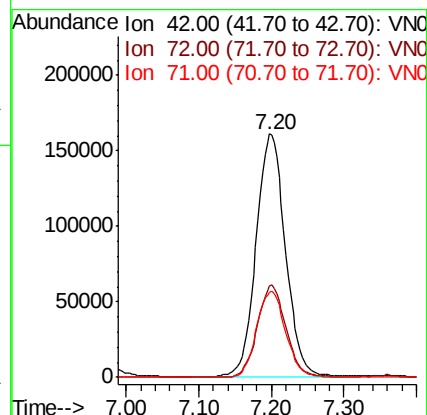
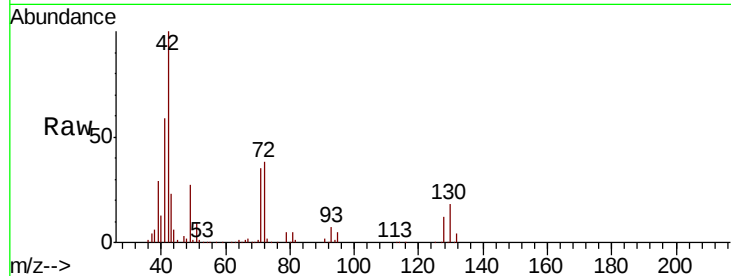




#29
Tetrahydrofuran
Concen: 237.883 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

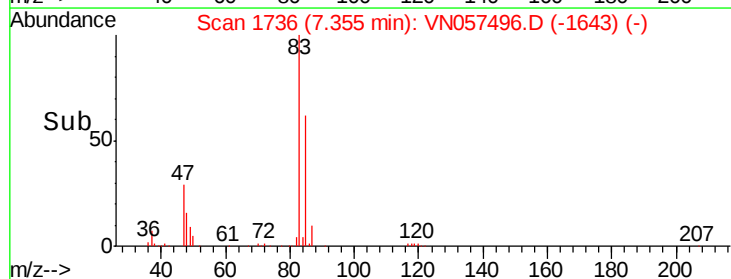
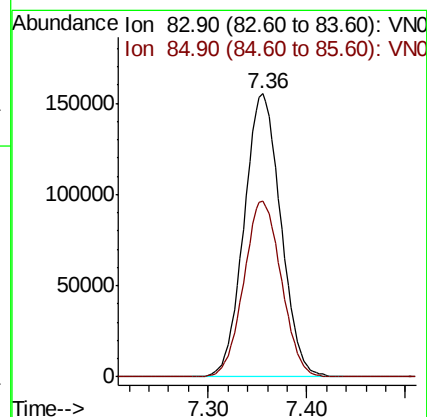
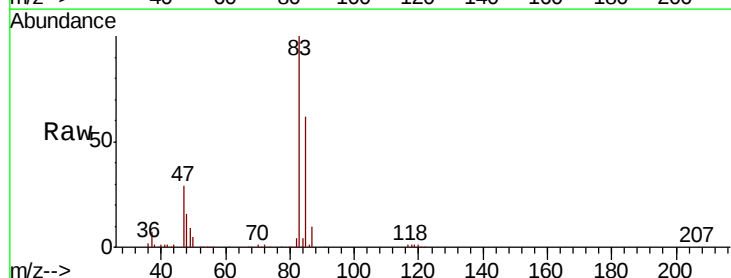
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

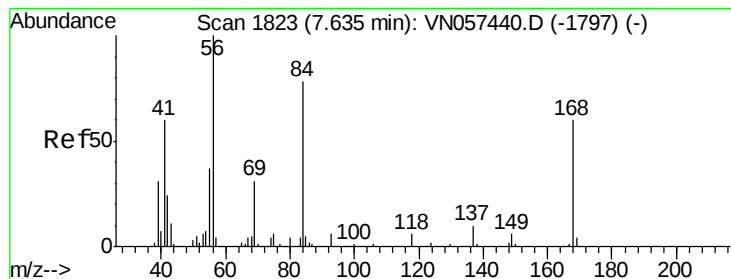
Tgt Ion: 42 Resp: 452639
Ion Ratio Lower Upper
42 100
72 37.2 30.1 45.1
71 35.1 28.8 43.2



#30
Chloroform
Concen: 51.195 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion: 83 Resp: 399897
Ion Ratio Lower Upper
83 100
85 62.0 51.9 77.9





#31

Cyclohexane

Concen: 48.616 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

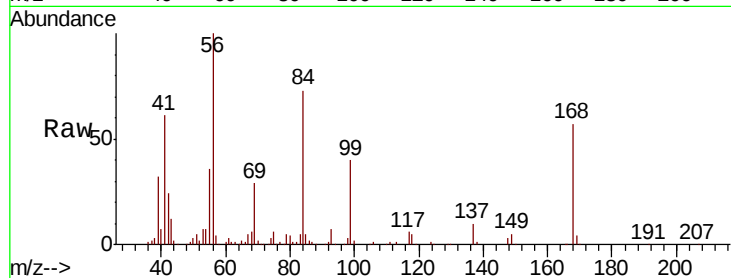
Tgt Ion: 56 Resp: 395177

Ion Ratio Lower Upper

56 100

69 28.9 25.0 37.6

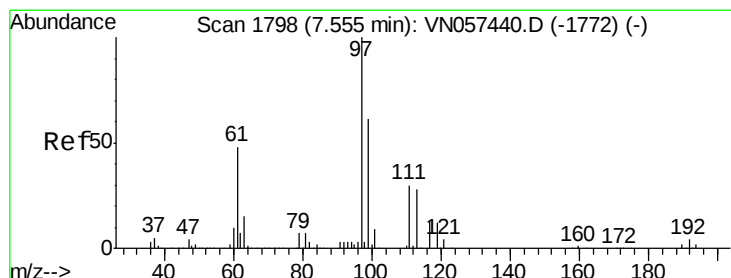
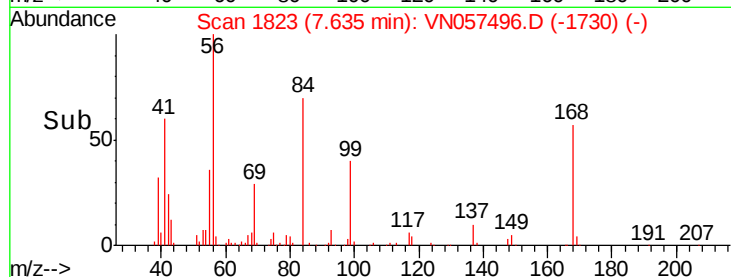
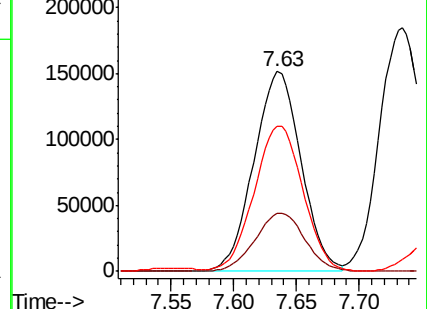
84 71.7 62.5 93.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 46.656 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

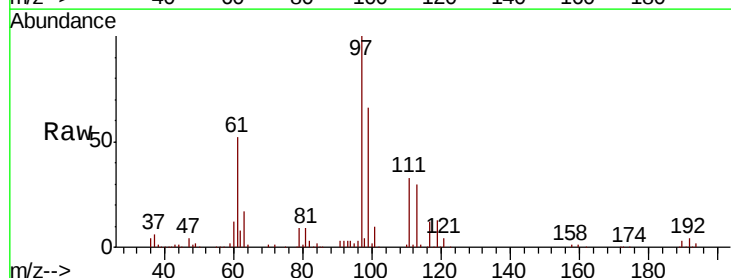
Tgt Ion: 97 Resp: 336947

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.6

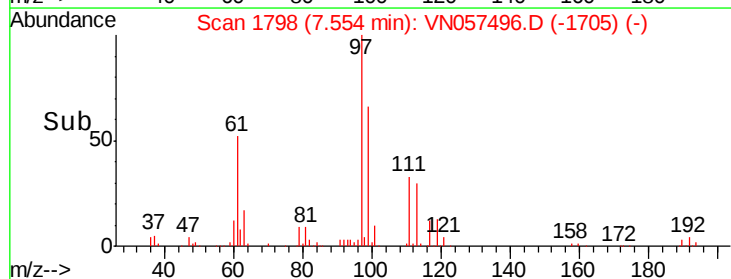
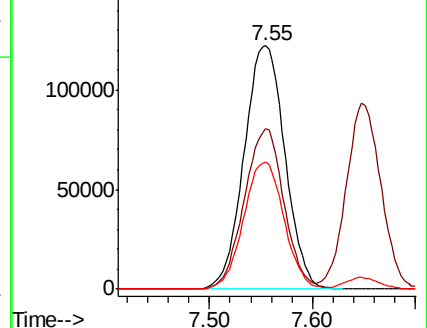
61 51.7 39.8 59.6

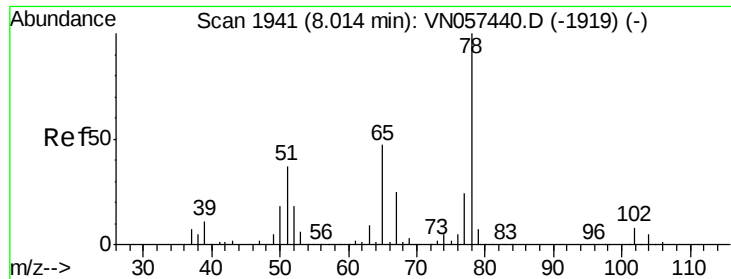


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.578 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

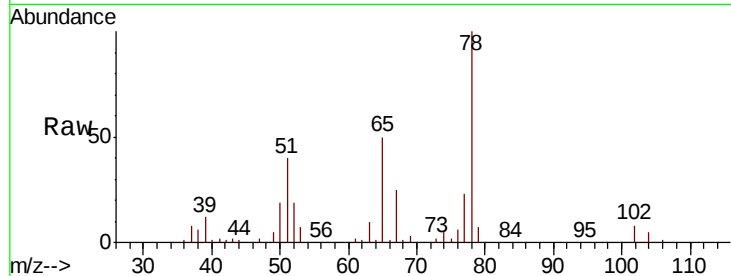
VSTDCCC050EC

Tgt Ion: 65 Resp: 310035

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057496.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN057496.D (-1848) (-)

8.01

150000

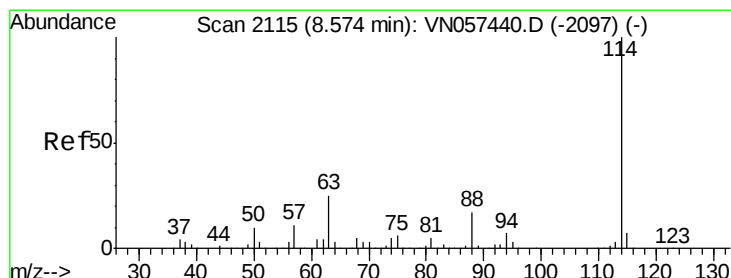
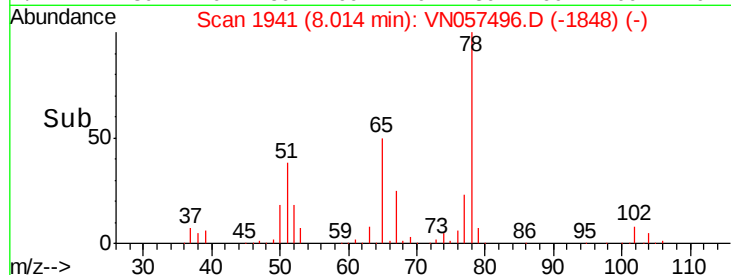
100000

50000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

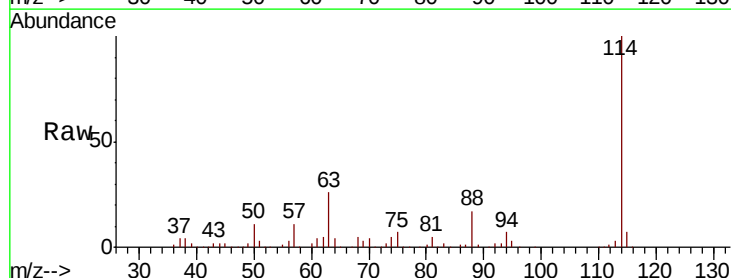
Tgt Ion: 114 Resp: 620231

Ion Ratio Lower Upper

114 100

63 26.1 0.0 50.2

88 17.3 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): VN057496.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN057496.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN057496.D (-2022) (-)

8.57

400000

300000

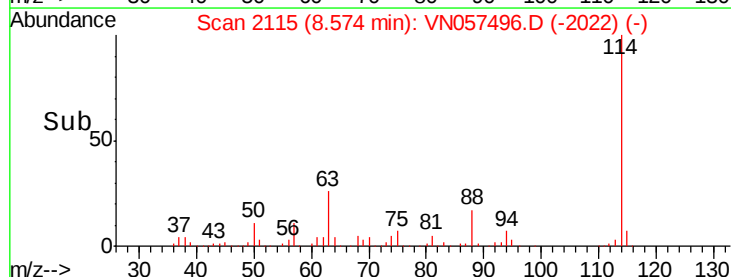
200000

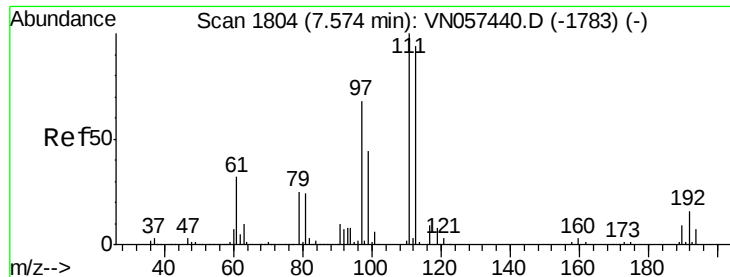
100000

0

8.50 8.55 8.60 8.65 8.70

Time-->

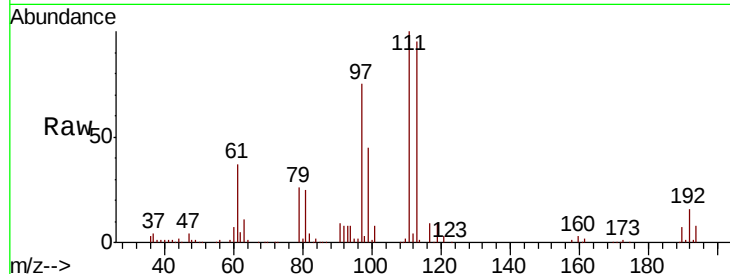




#35
 Dibromofluoromethane
 Concen: 48.762 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.8	125.6
192	16.2	13.5	20.3

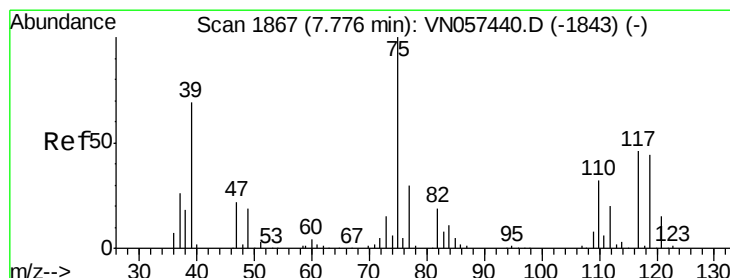
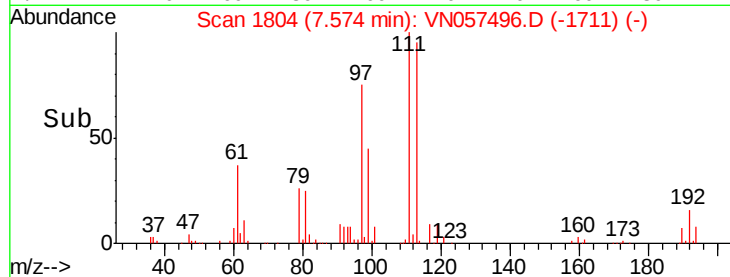
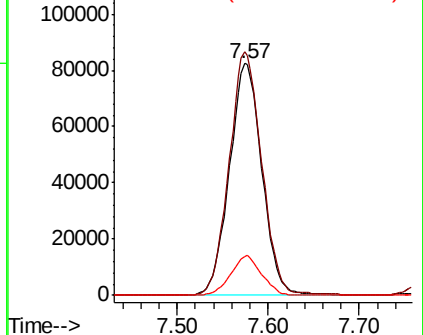


Abundance

Ion 112.80 (112.50 to 113.50): V

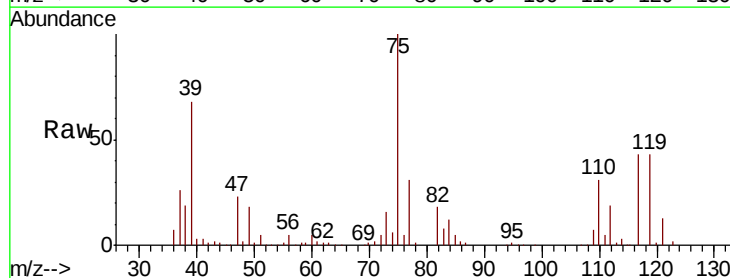
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.027 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.1	16.1	48.3
77	30.8	24.8	37.2

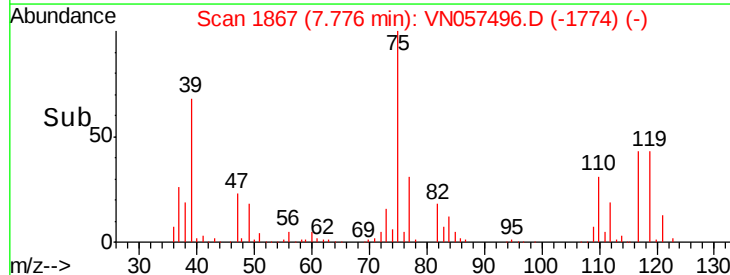
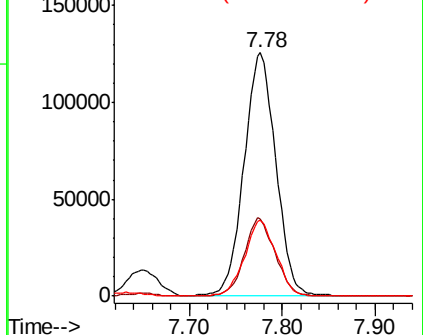


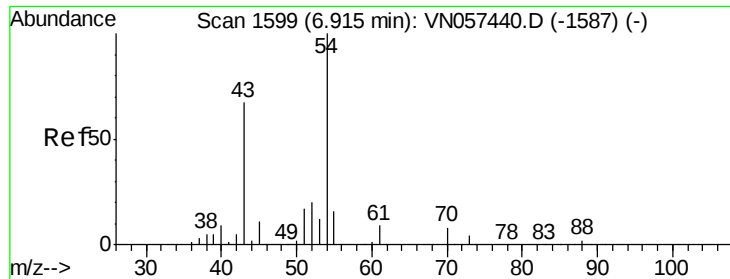
Abundance

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

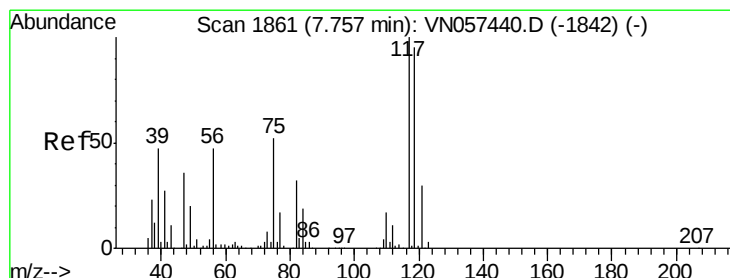
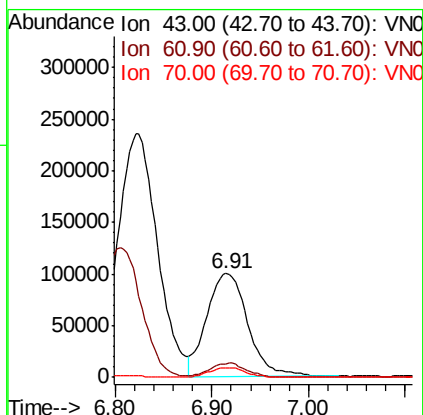
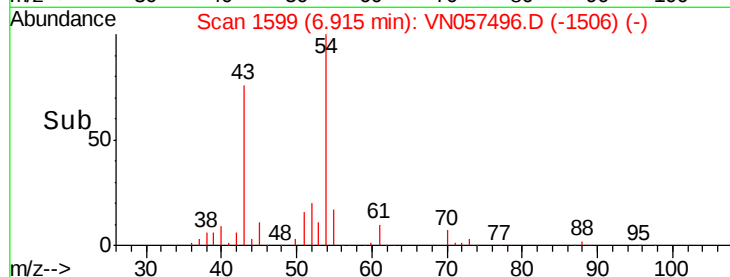
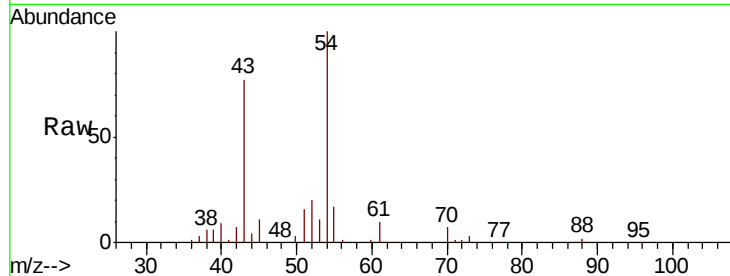




#37
Ethyl Acetate
Concen: 46.861 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

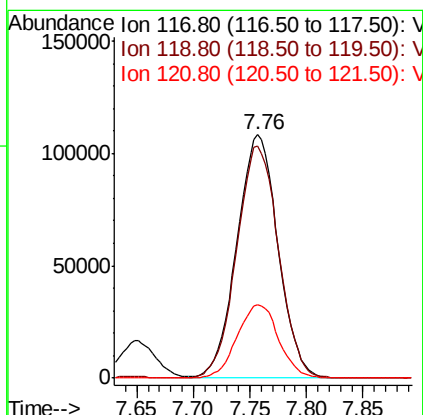
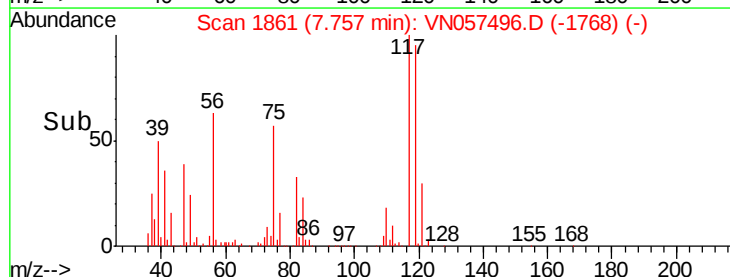
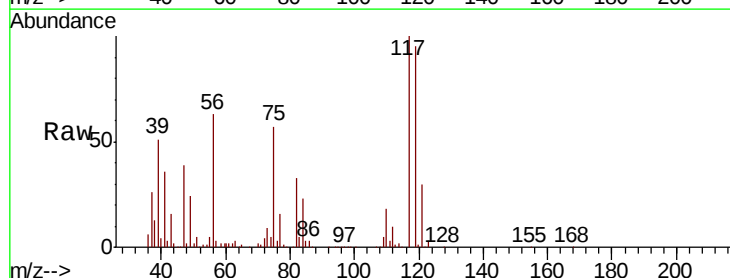
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

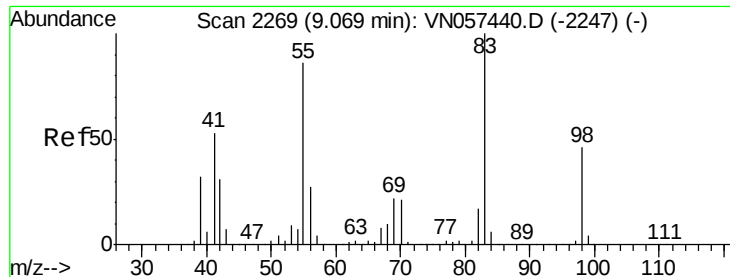
Tgt Ion: 43 Resp: 293460
Ion Ratio Lower Upper
43 100
61 11.5 9.9 14.9
70 8.2 7.0 10.6



#38
Carbon Tetrachloride
Concen: 43.544 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion: 117 Resp: 274155
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.4
121 30.1 23.8 35.6

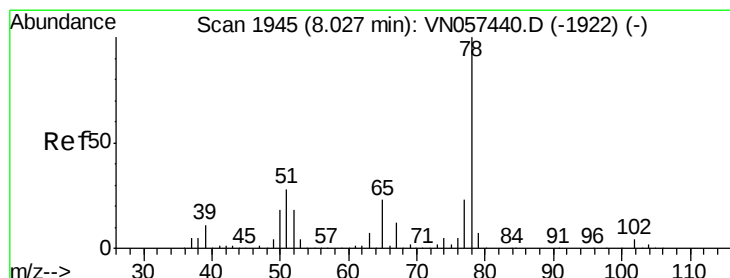
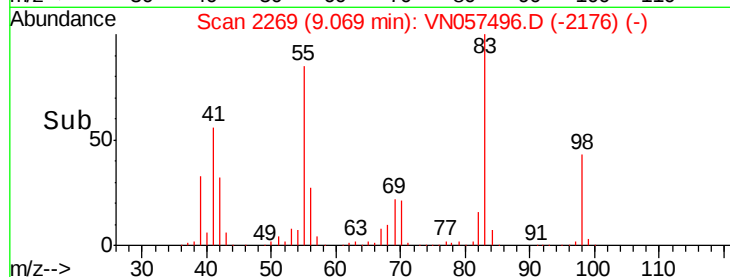
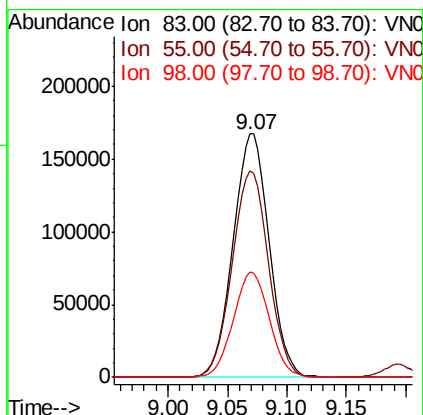
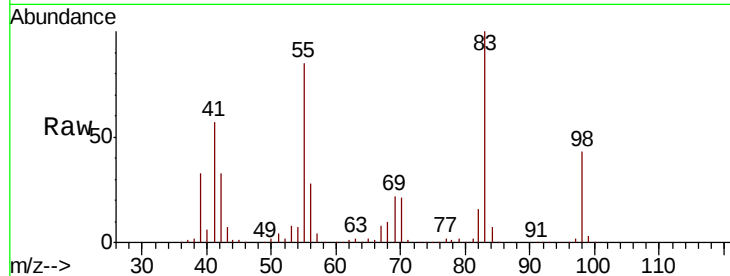




#39
Methylcyclohexane
Concen: 46.701 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

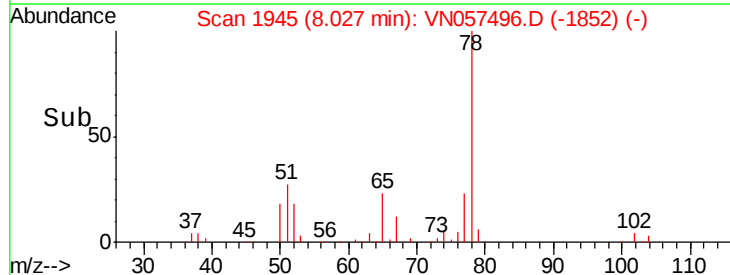
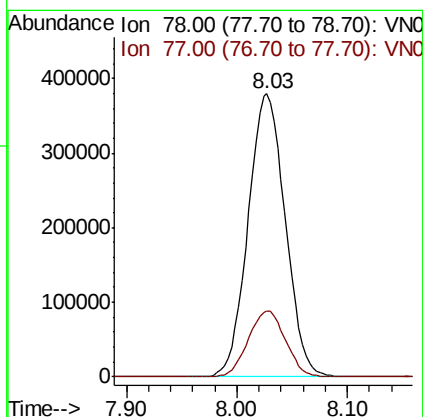
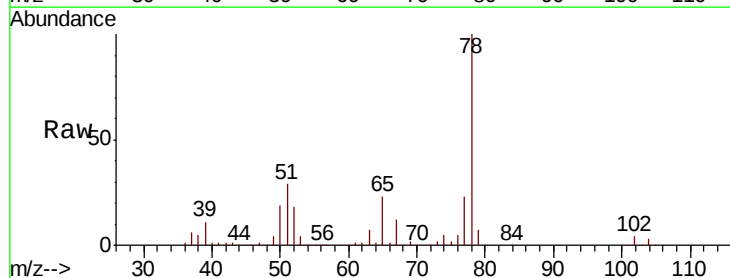
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

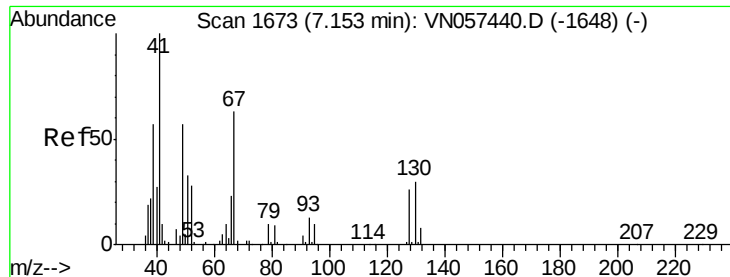
Tgt Ion: 83 Resp: 351506
Ion Ratio Lower Upper
83 100
55 84.5 68.6 102.8
98 43.1 36.6 54.8



#40
Benzene
Concen: 46.445 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion: 78 Resp: 883463
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7





#41

Methacrylonitrile

Concen: 48.153 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 143793

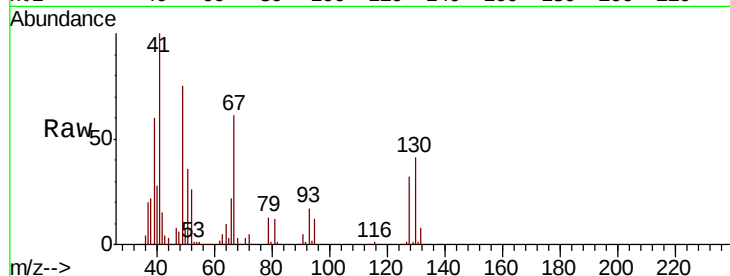
Ion Ratio Lower Upper

41 100

39 62.5 53.6 80.4

67 73.4 65.4 98.2

52 31.6 29.8 44.6

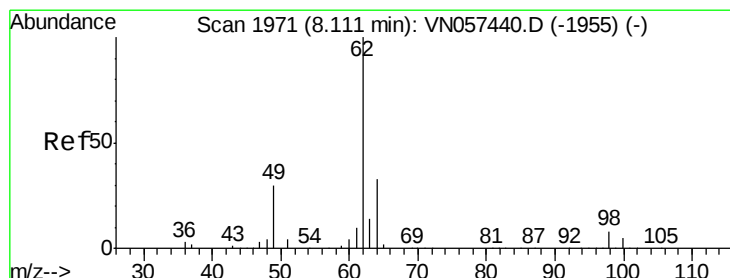
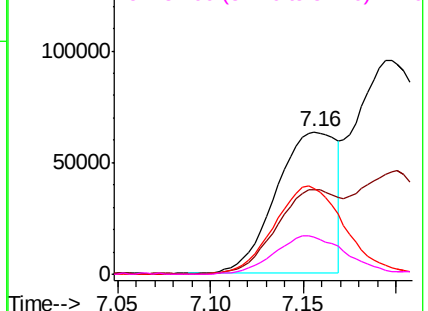
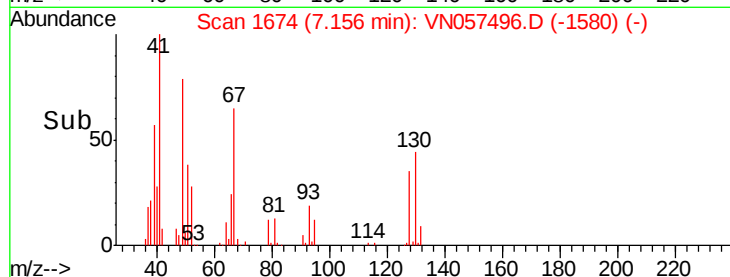


Abundance Ion 41.00 (40.70 to 41.70): VN057440.D (-1648) (-)

Ion 39.00 (38.70 to 39.70): VN057440.D (-1648) (-)

Ion 67.00 (66.70 to 67.70): VN057440.D (-1648) (-)

Ion 52.00 (51.70 to 52.70): VN057440.D (-1648) (-)



#42

1,2-Dichloroethane

Concen: 47.448 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VN057496.D

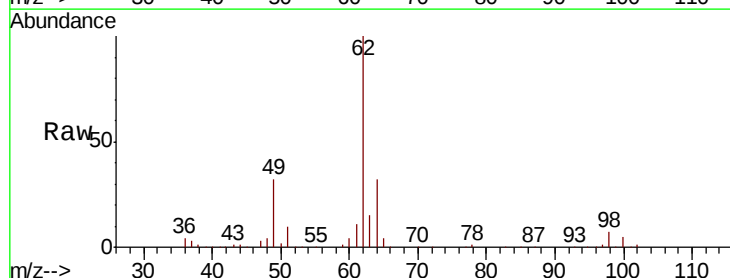
Acq: 24 Aug 2019 1:34

Tgt Ion: 62 Resp: 347504

Ion Ratio Lower Upper

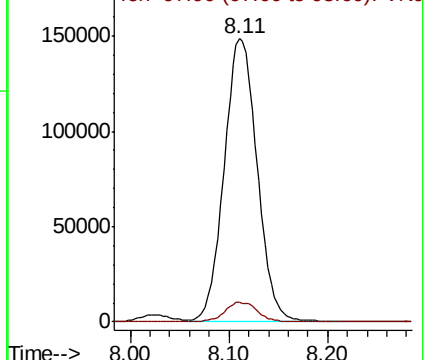
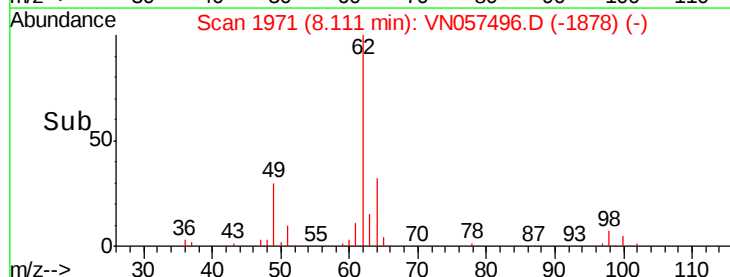
62 100

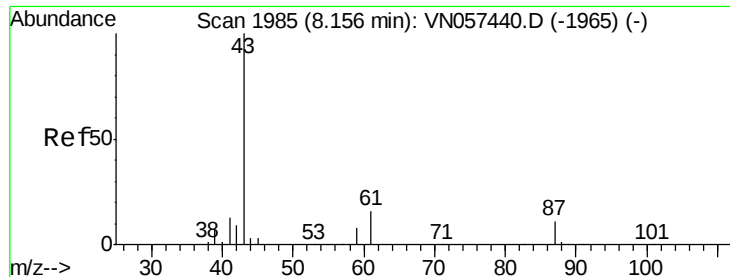
98 6.9 0.0 15.4



Abundance Ion 61.90 (61.60 to 62.60): VN057440.D (-1955) (-)

Ion 97.90 (97.60 to 98.60): VN057440.D (-1955) (-)





#43

Isopropyl Acetate

Concen: 45.656 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

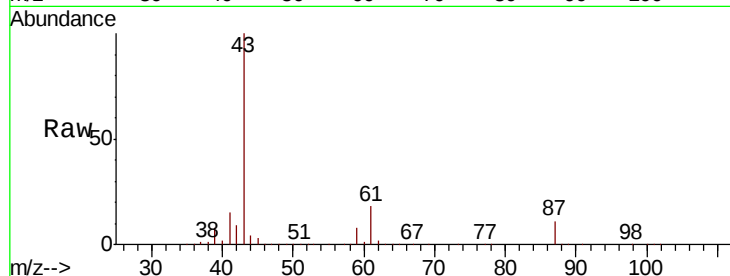
Tgt Ion: 43 Resp: 524262

Ion Ratio Lower Upper

43 100

61 17.8 14.5 21.7

87 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN057440.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN057440.D (-1965) (-)

8.16

250000

200000

150000

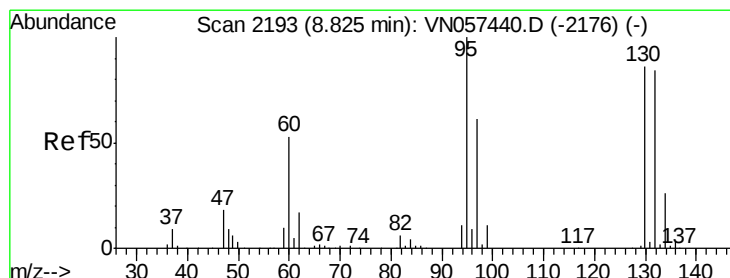
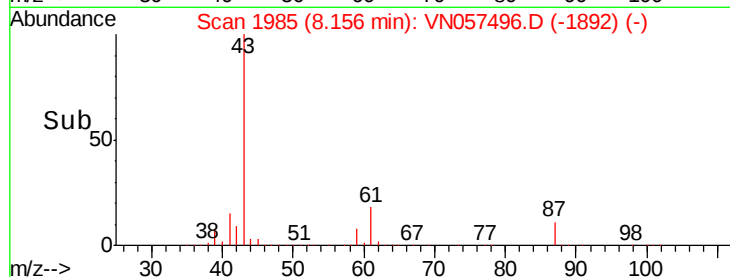
100000

50000

0

8.10 8.20

Time-->



#44

Trichloroethene

Concen: 46.202 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057496.D

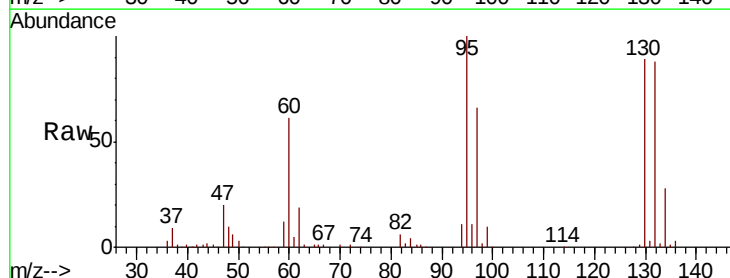
Acq: 24 Aug 2019 1:34

Tgt Ion: 130 Resp: 196178

Ion Ratio Lower Upper

130 100

95 112.9 0.0 231.6



Abundance Ion 129.80 (129.50 to 130.50): VN057440.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN057440.D (-2176) (-)

8.82

120000

100000

80000

60000

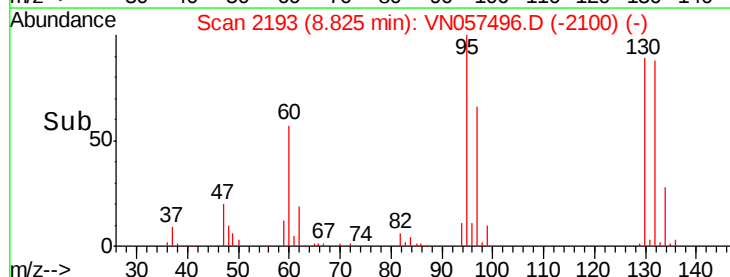
40000

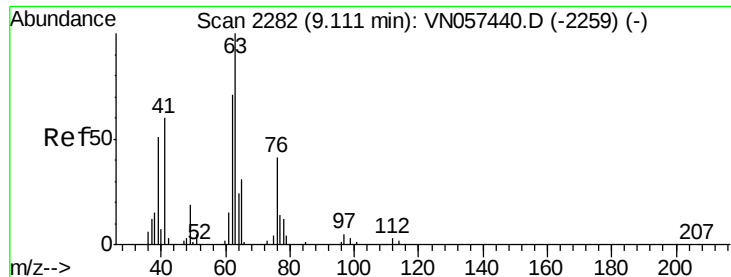
20000

0

8.75 8.80 8.85 8.90

Time-->

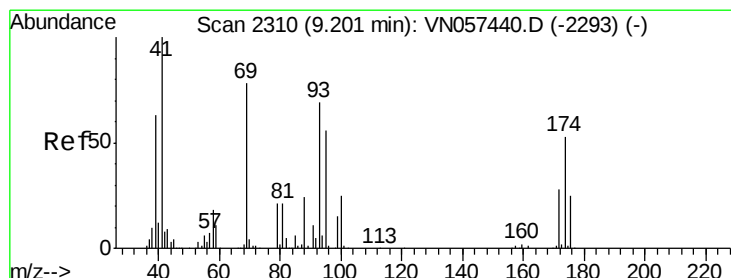
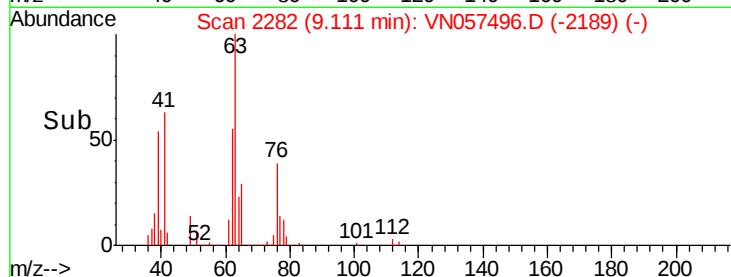
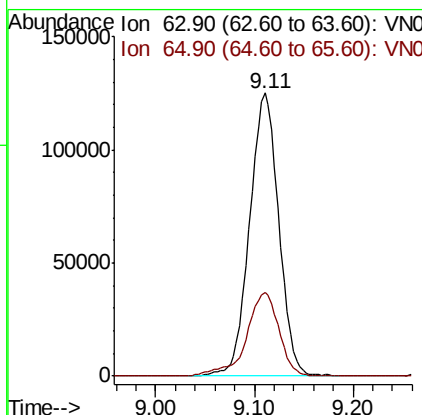
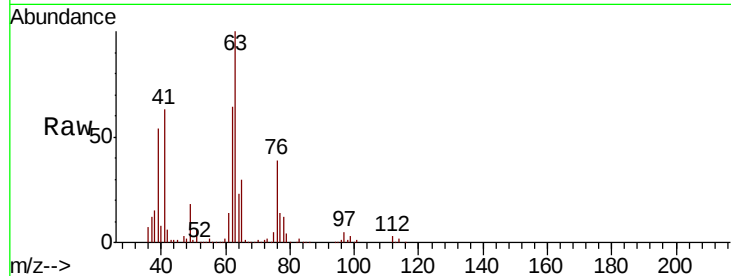




#45
 1,2-Dichloropropane
 Concen: 47.621 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

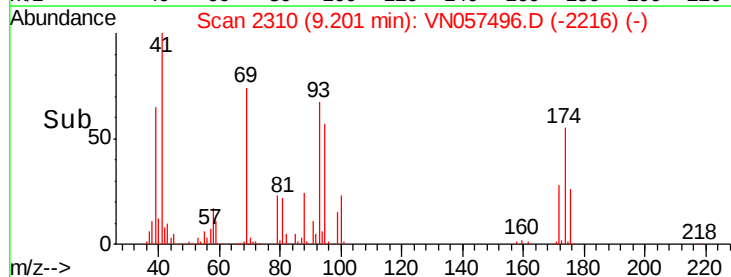
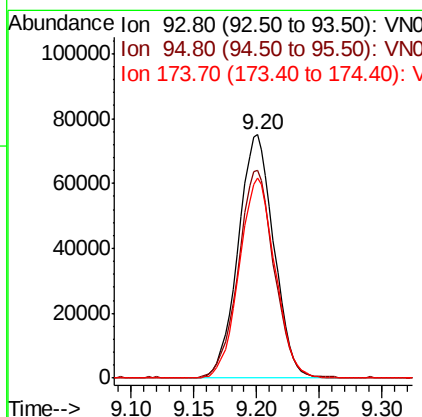
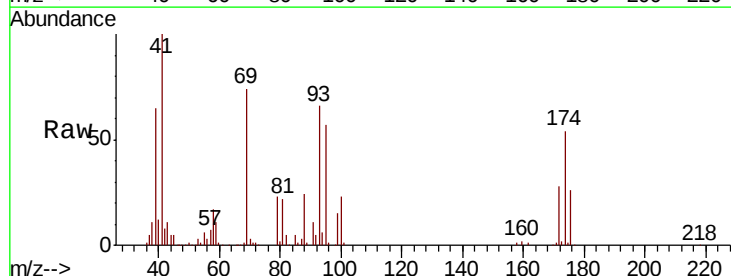
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

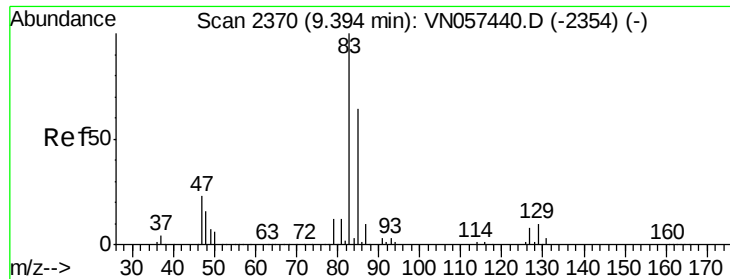
Tgt Ion: 63 Resp: 255109
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.7 37.1



#46
 Dibromomethane
 Concen: 47.384 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion: 93 Resp: 148798
 Ion Ratio Lower Upper
 93 100
 95 85.8 64.7 97.1
 174 82.2 62.3 93.5





#47

Bromodichloromethane

Concen: 45.565 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

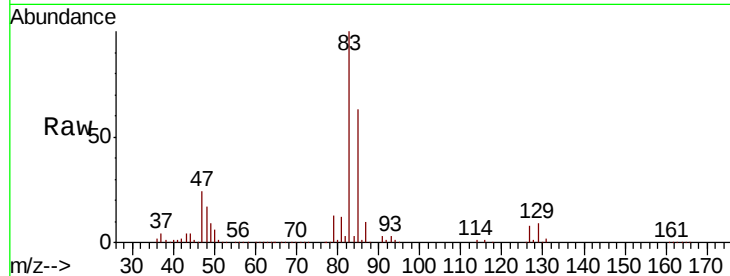
Tgt Ion: 83 Resp: 322027

Ion Ratio Lower Upper

83 100

85 62.7 51.2 76.8

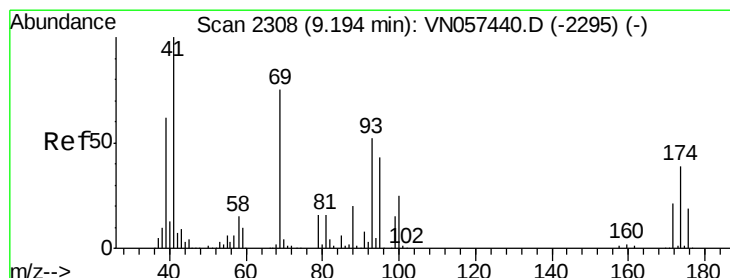
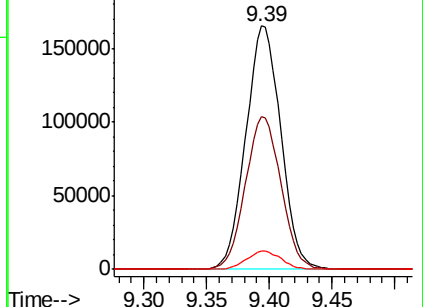
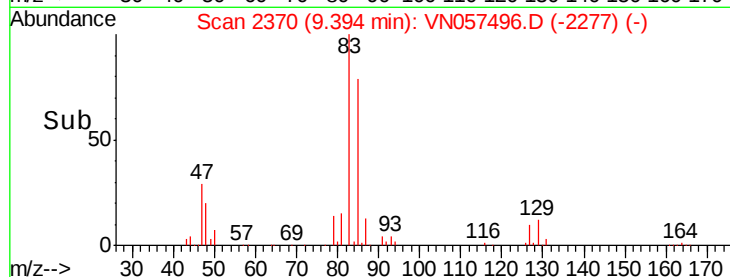
127 7.6 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN057496.D (-2277) (-)

Ion 84.90 (84.60 to 85.60): VN057496.D (-2277) (-)

Ion 126.80 (126.50 to 127.50): VN057496.D (-2277) (-)



#48

Methyl methacrylate

Concen: 47.466 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

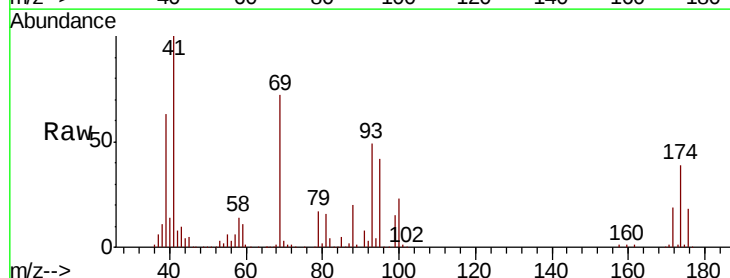
Tgt Ion: 41 Resp: 259176

Ion Ratio Lower Upper

41 100

69 73.3 59.3 88.9

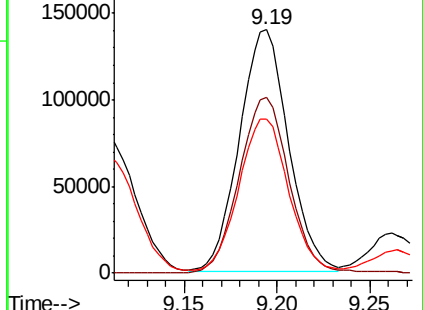
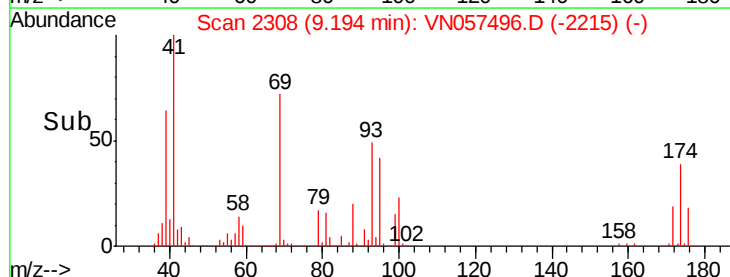
39 64.4 50.6 75.8

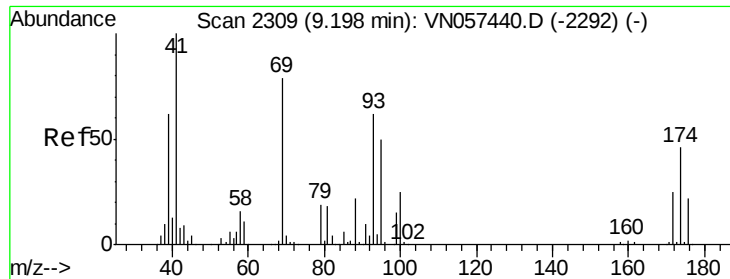


Abundance Ion 41.00 (40.70 to 41.70): VN057496.D (-2215) (-)

Ion 69.00 (68.70 to 69.70): VN057496.D (-2215) (-)

Ion 39.00 (38.70 to 39.70): VN057496.D (-2215) (-)

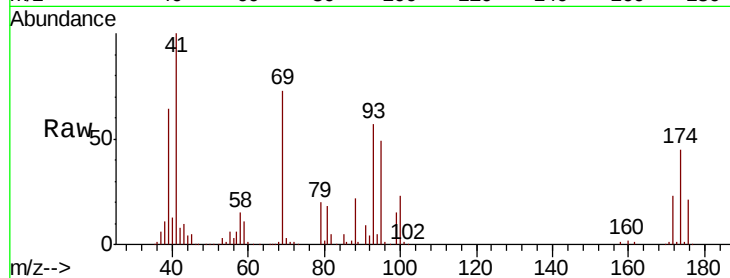




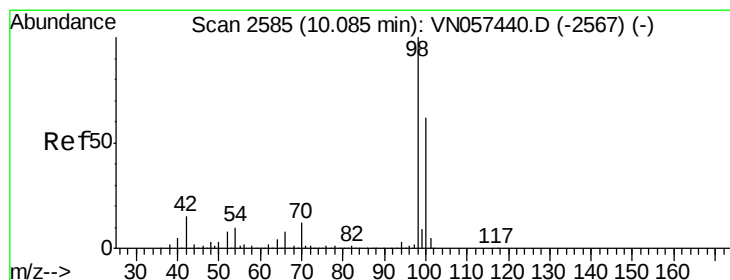
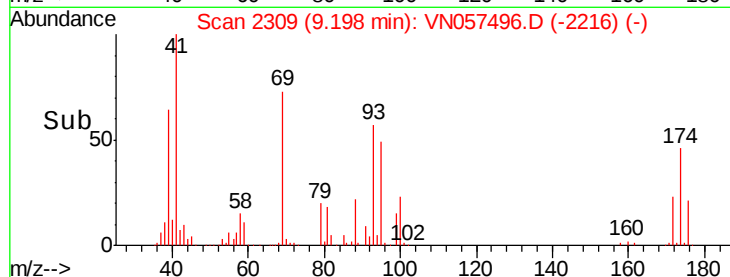
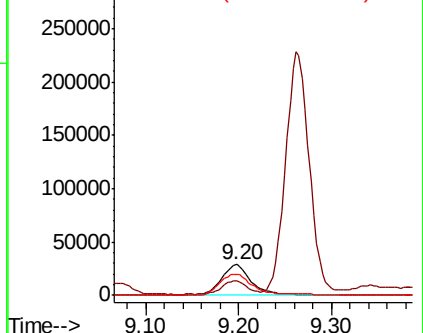
#49
 1,4-Dioxane
 Concen: 919.641 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 64935
 Ion Ratio Lower Upper
 88 100
 43 37.1 31.0 46.6
 58 73.8 64.5 96.7

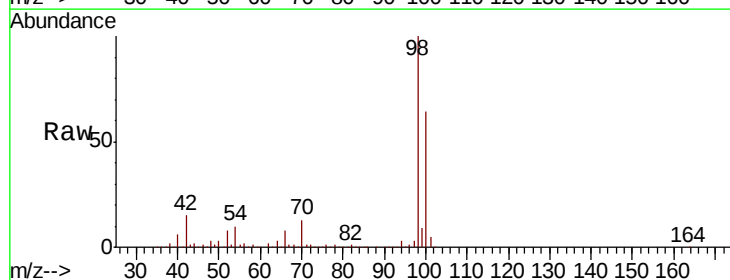


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

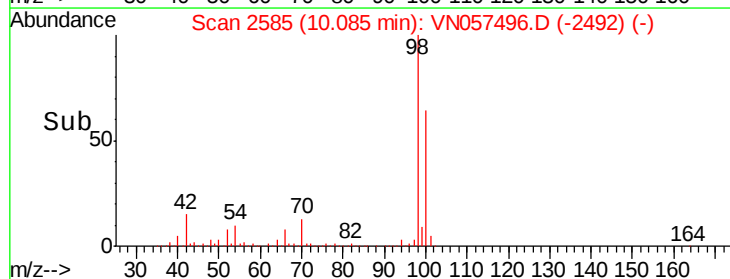
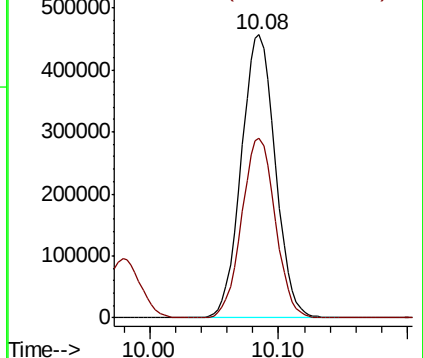


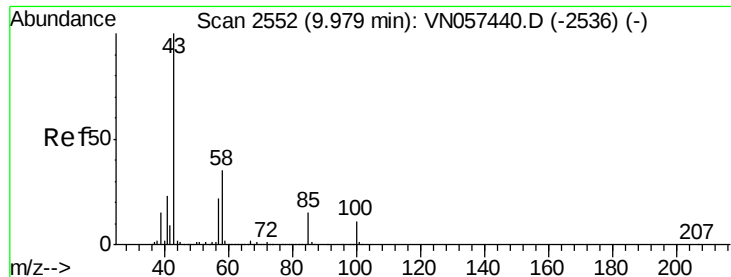
#50
 Toluene-d8
 Concen: 52.920 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion: 98 Resp: 838309
 Ion Ratio Lower Upper
 98 100
 100 62.5 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

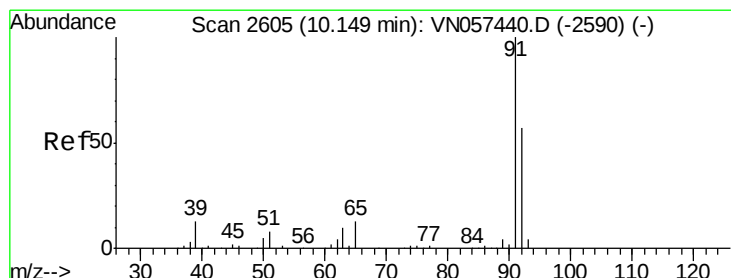
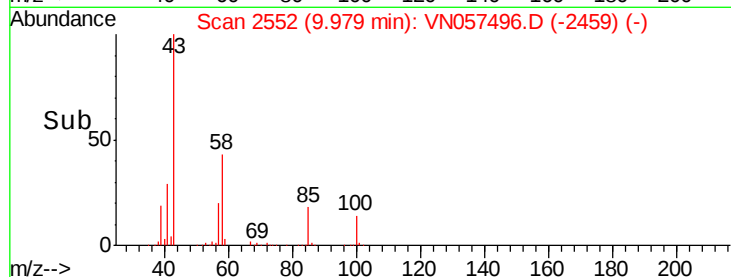
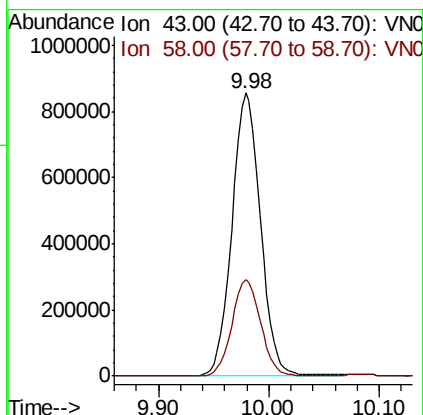
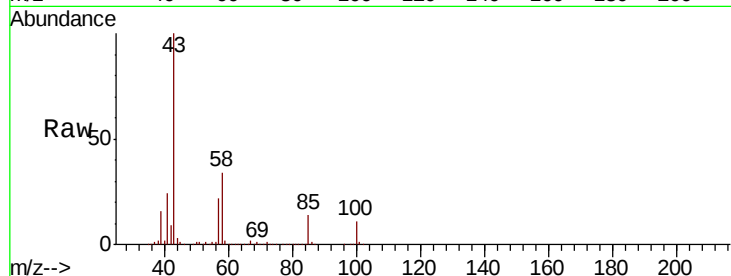




#51
 4-Methyl-2-Pentanone
 Concen: 239.176 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

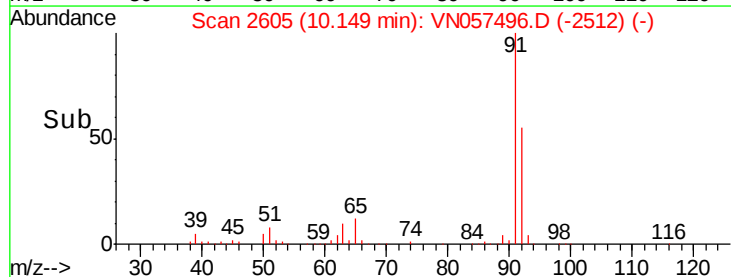
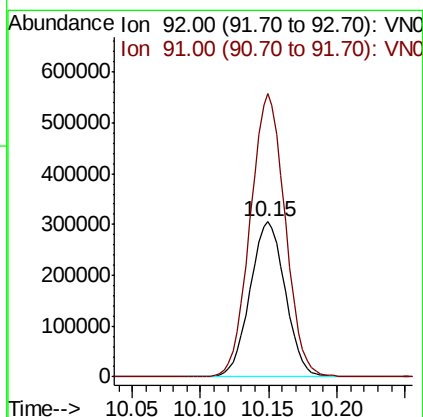
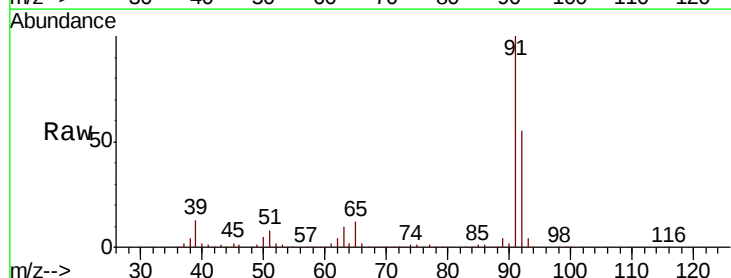
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

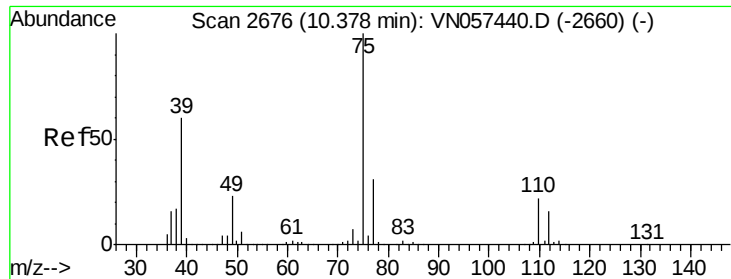
Tgt Ion: 43 Resp: 1530608
 Ion Ratio Lower Upper
 43 100
 58 34.4 27.9 41.9



#52
 Toluene
 Concen: 49.962 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion: 92 Resp: 547742
 Ion Ratio Lower Upper
 92 100
 91 180.5 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 46.340 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

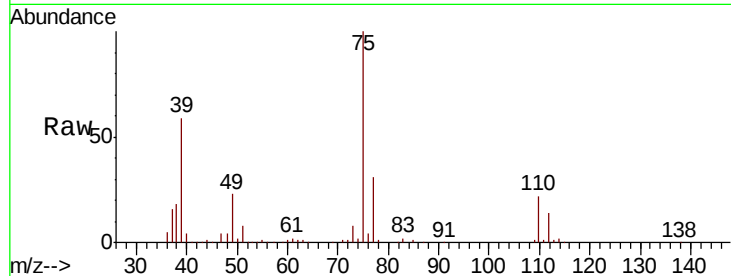
VSTDCCC050EC

Tgt Ion: 75 Resp: 343048

Ion Ratio Lower Upper

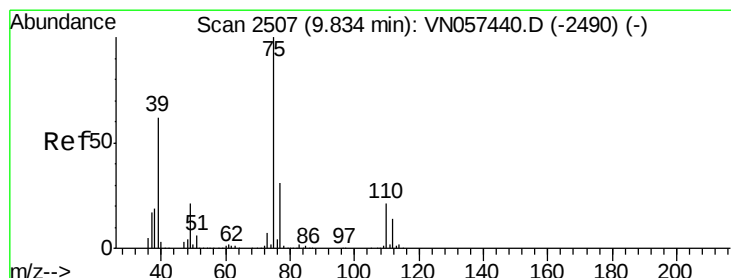
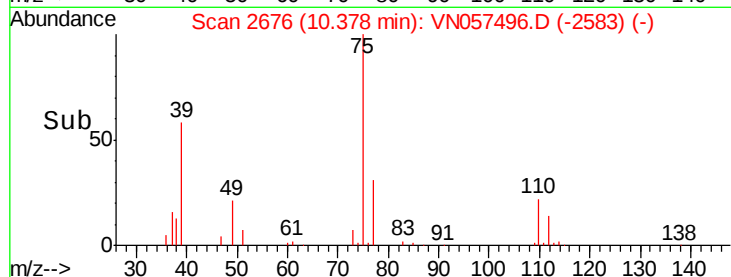
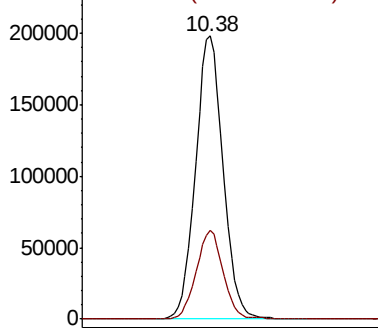
75 100

77 31.2 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: 43.181 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

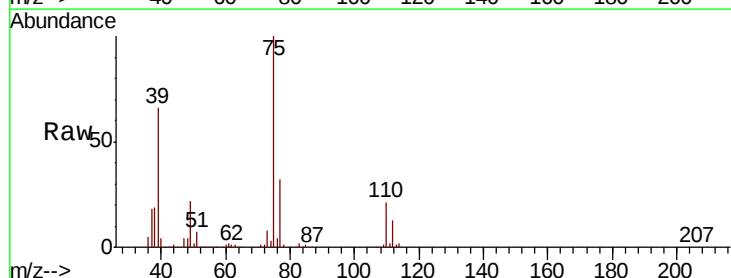
Tgt Ion: 75 Resp: 355918

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6

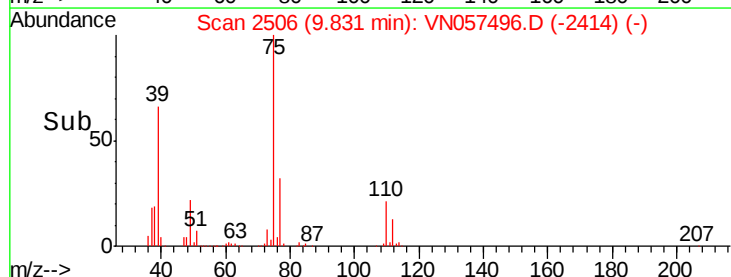
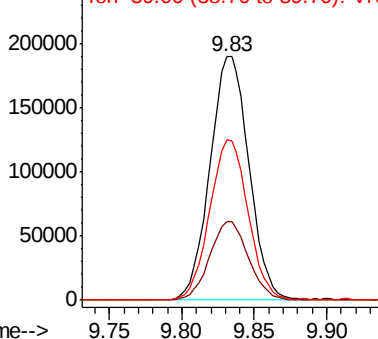
39 65.5 49.2 73.8

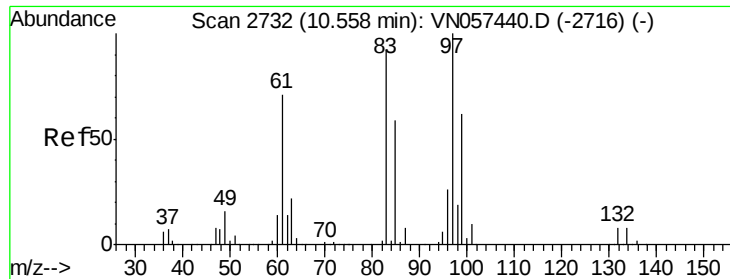


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

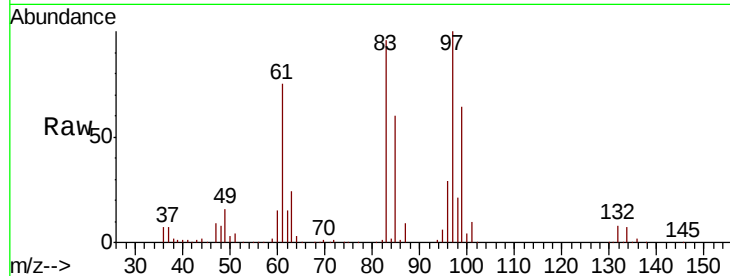




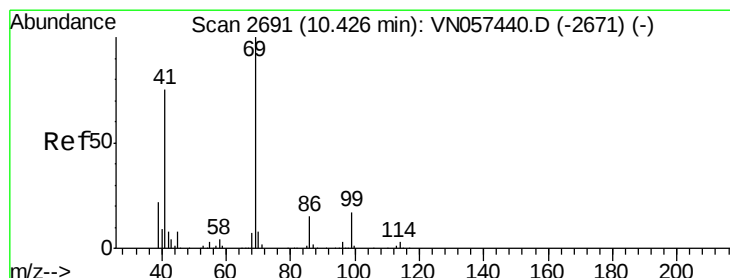
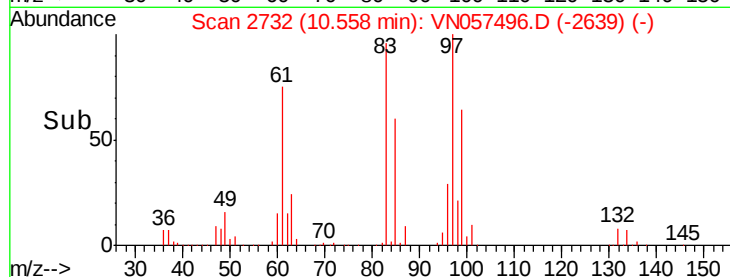
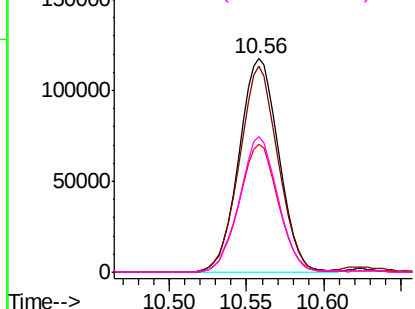
#55
 1,1,2-Trichloroethane
 Concen: 47.411 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 210198
 Ion Ratio Lower Upper
 97 100
 83 96.4 73.7 110.5
 85 60.2 46.8 70.2
 99 63.7 49.8 74.8

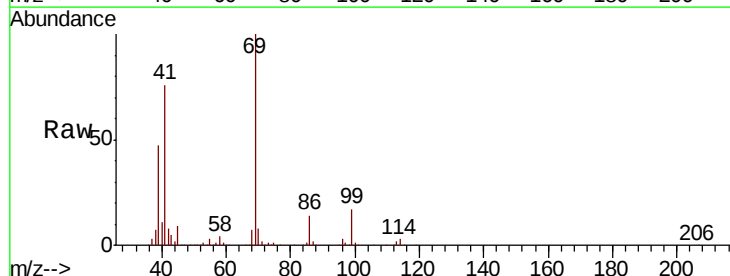


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

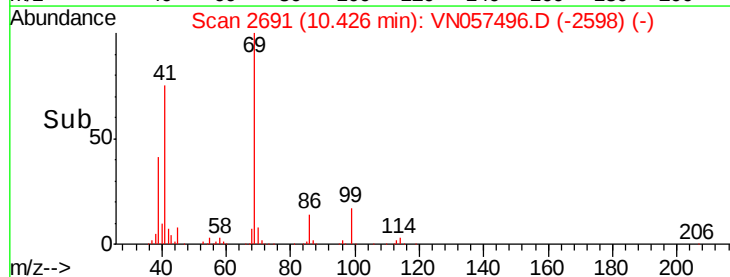
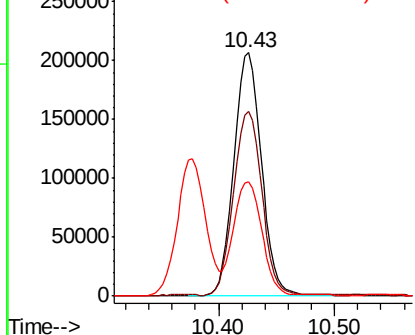


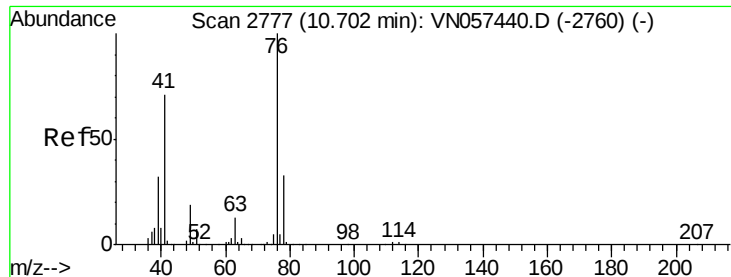
#56
 Ethyl methacrylate
 Concen: 48.969 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion: 69 Resp: 341522
 Ion Ratio Lower Upper
 69 100
 41 76.7 60.8 91.2
 39 48.4 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: 50.337 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

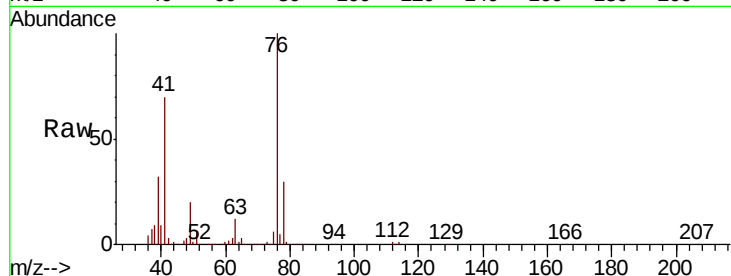
VSTDCCC050EC

Tgt Ion: 76 Resp: 388412

Ion Ratio Lower Upper

76 100

78 31.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

250000

200000

150000

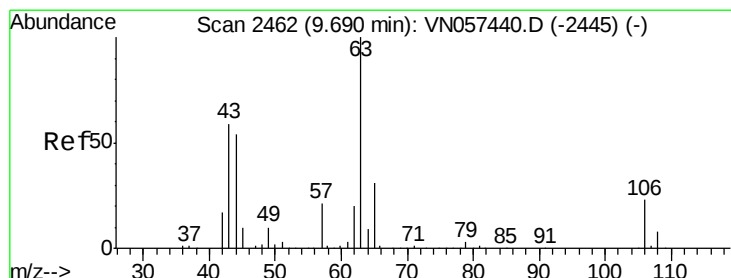
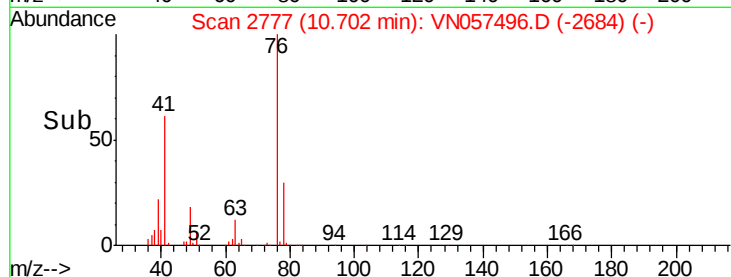
100000

50000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 292.874 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057496.D

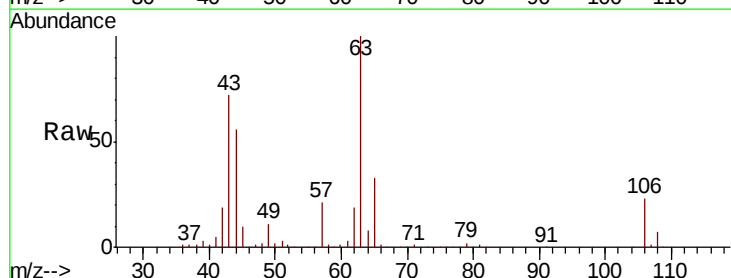
Acq: 24 Aug 2019 1:34

Tgt Ion: 63 Resp: 574973

Ion Ratio Lower Upper

63 100

106 22.9 18.6 27.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

300000

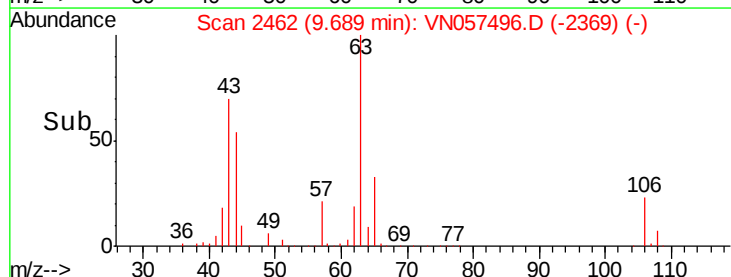
200000

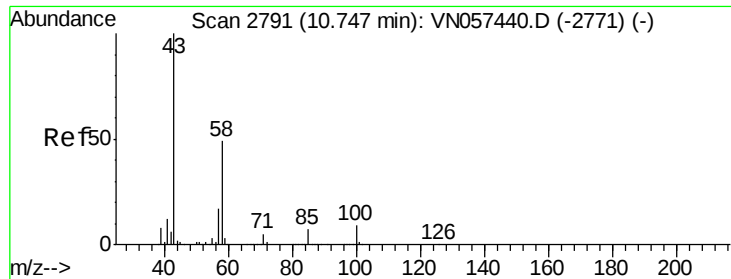
100000

0

Time-->

9.60 9.65 9.70 9.75

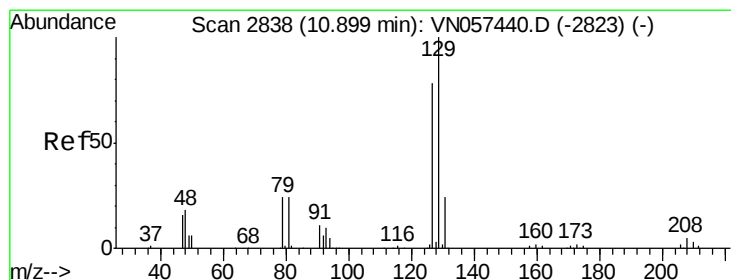
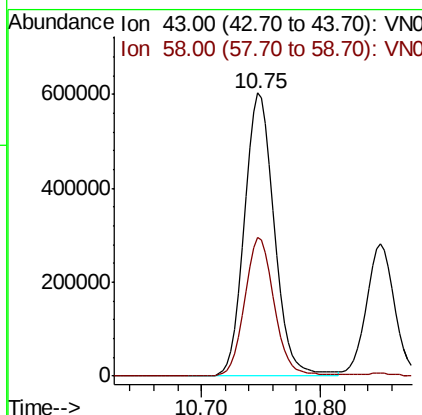
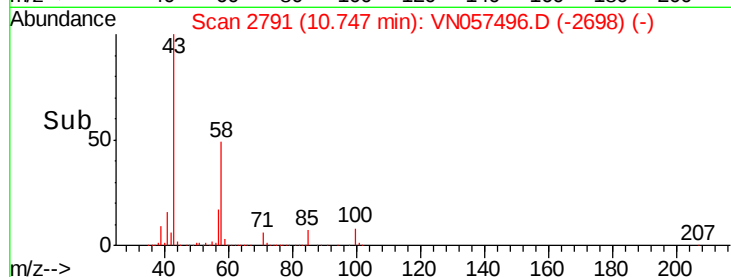
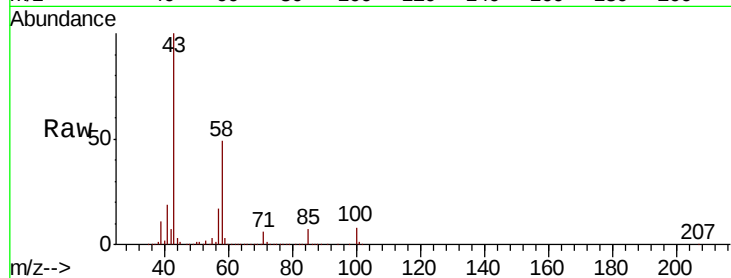




#59
2-Hexanone
Concen: 238.490 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

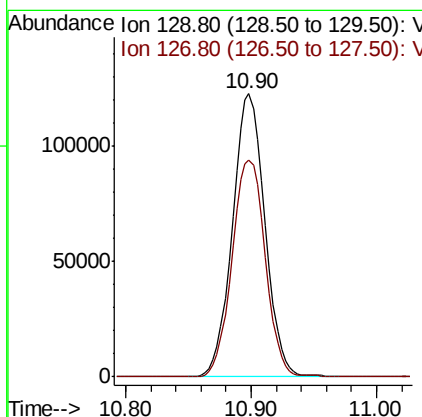
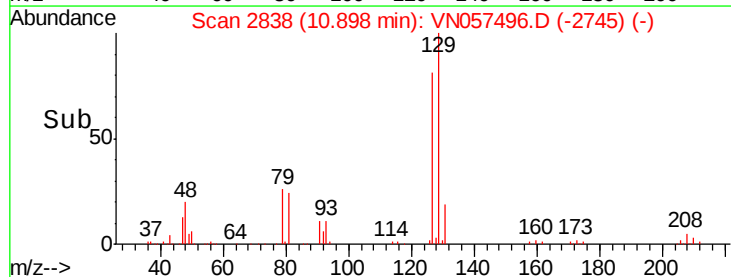
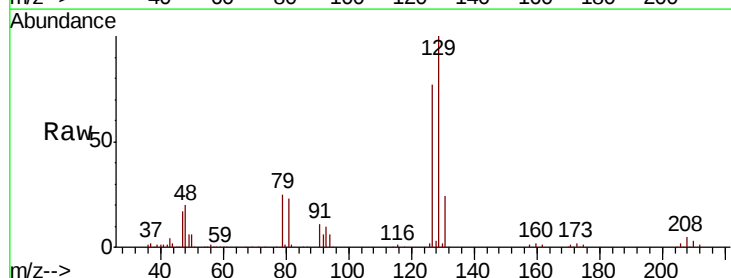
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

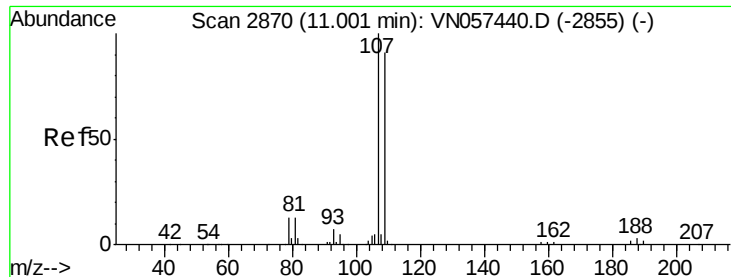
Tgt Ion: 43 Resp: 1046811
Ion Ratio Lower Upper
43 100
58 48.7 24.6 73.6



#60
Dibromochloromethane
Concen: 47.060 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion: 129 Resp: 220488
Ion Ratio Lower Upper
129 100
127 78.7 39.0 116.9

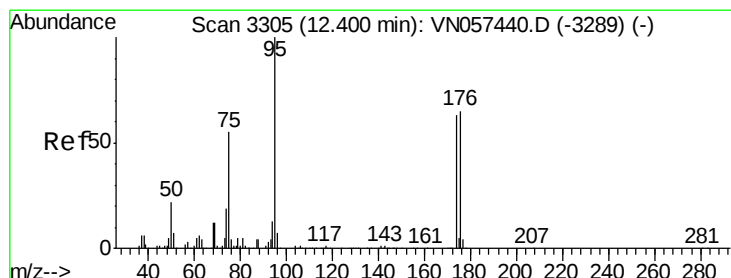
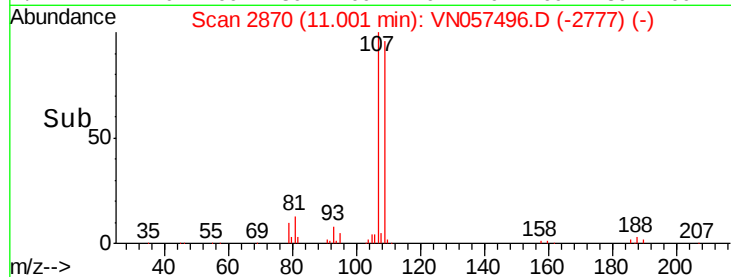
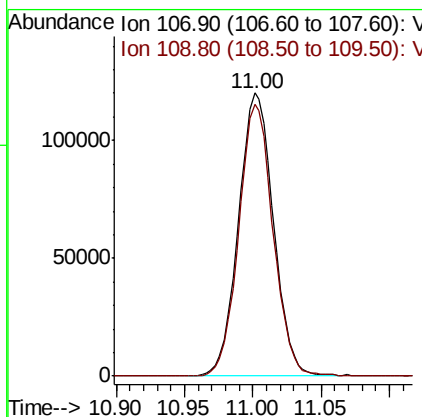
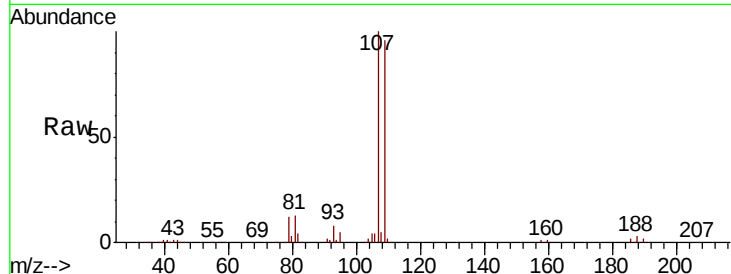




#61
 1,2-Dibromoethane
 Concen: 49.115 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

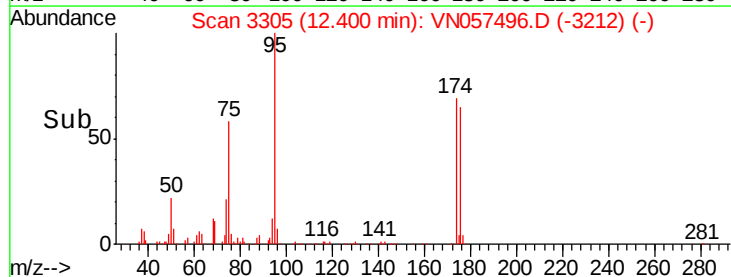
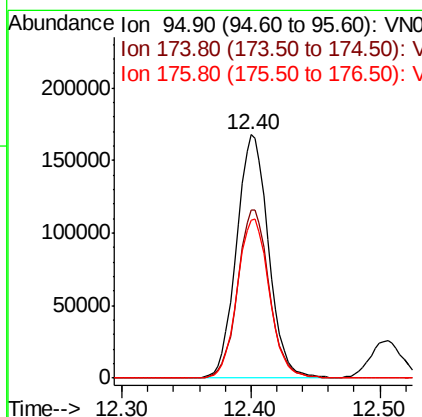
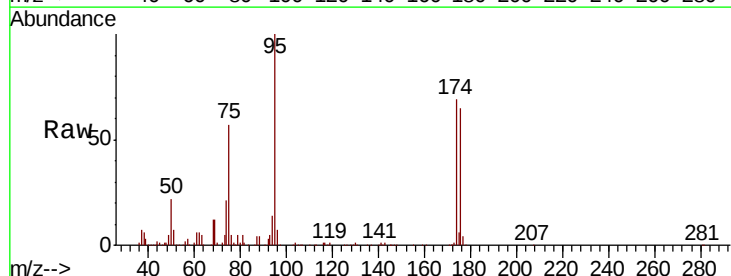
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

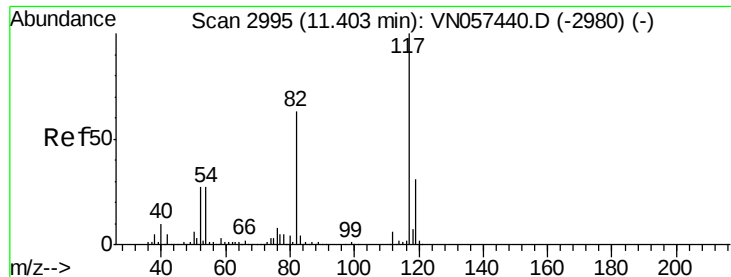
Tgt Ion: 107 Resp: 213573
 Ion Ratio Lower Upper
 107 100
 109 94.3 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 53.885 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion: 95 Resp: 289269
 Ion Ratio Lower Upper
 95 100
 174 68.3 0.0 133.0
 176 65.6 0.0 130.8

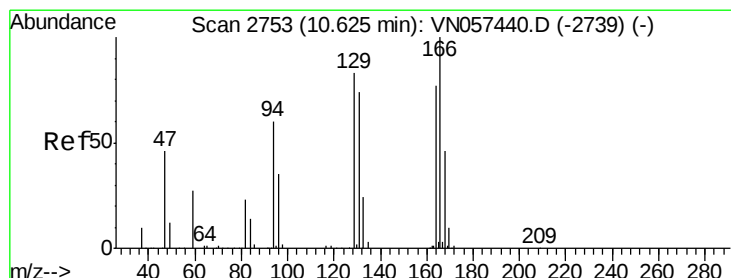
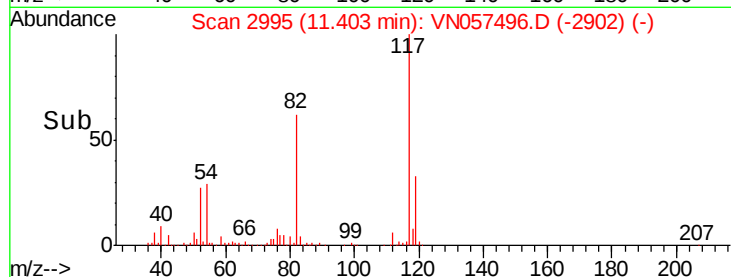
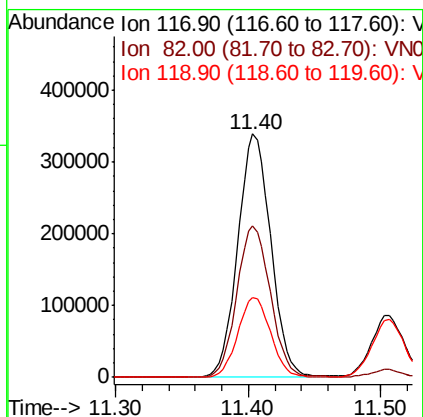
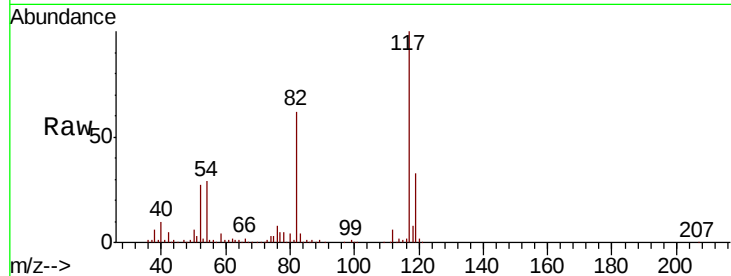




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

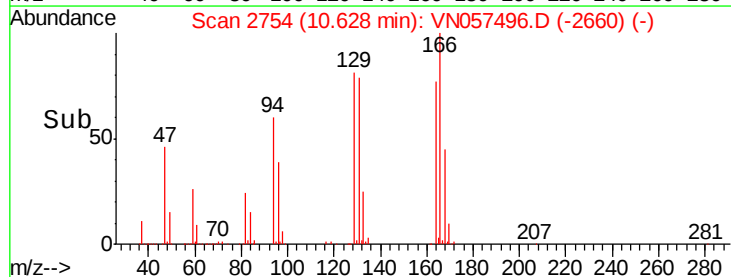
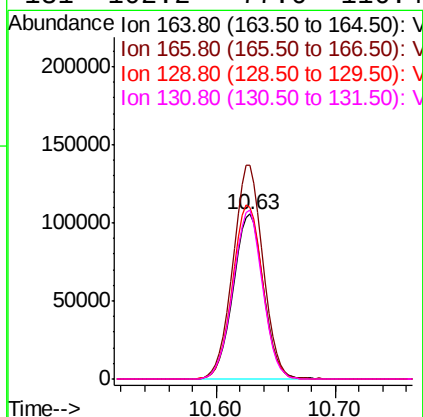
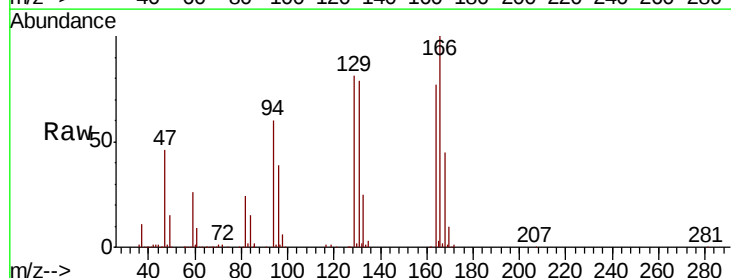
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

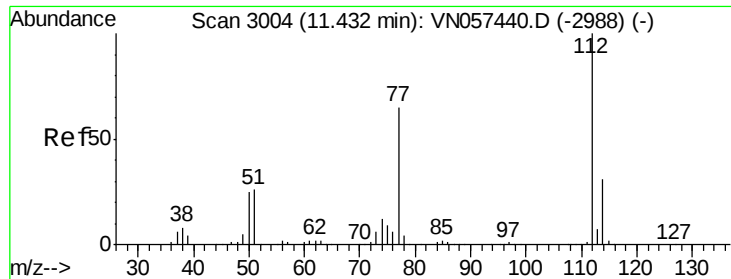
Tgt Ion:117 Resp: 587884
Ion Ratio Lower Upper
117 100
82 62.2 50.6 75.8
119 32.9 24.6 36.8



#64
Tetrachloroethene
Concen: 45.383 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion:164 Resp: 186655
Ion Ratio Lower Upper
164 100
166 129.5 104.4 156.6
129 104.4 86.6 130.0
131 102.2 77.6 116.4

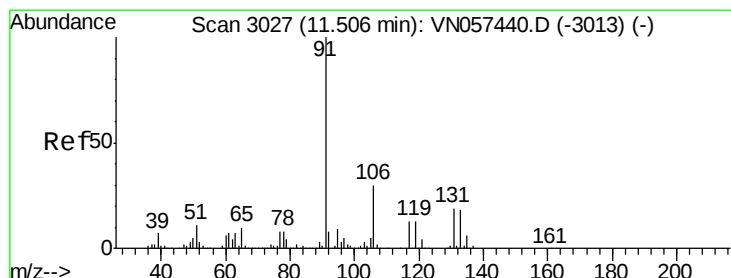
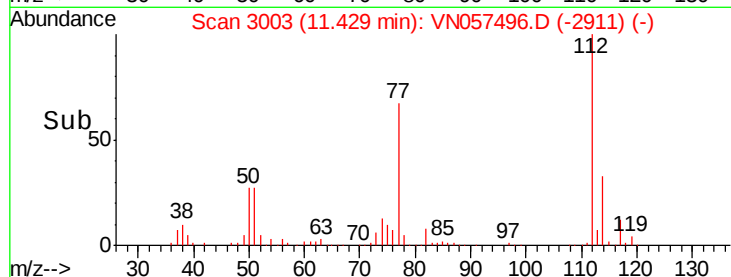
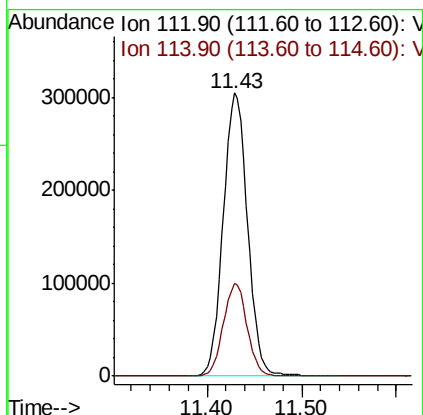
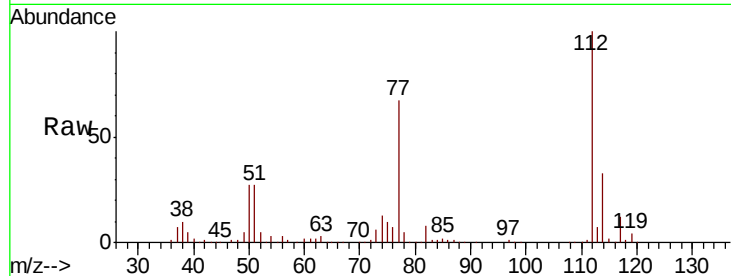




#65
Chlorobenzene
Concen: 45.857 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

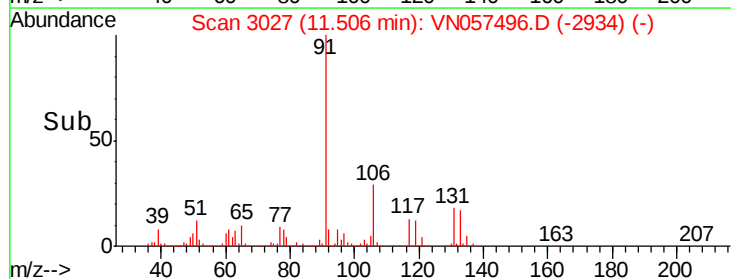
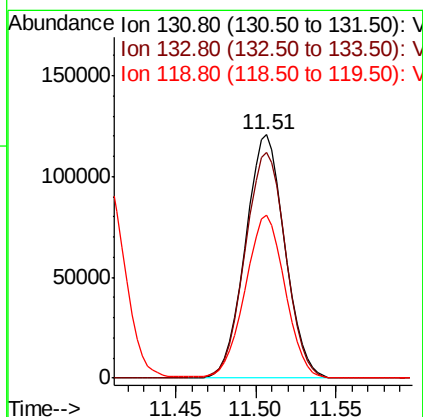
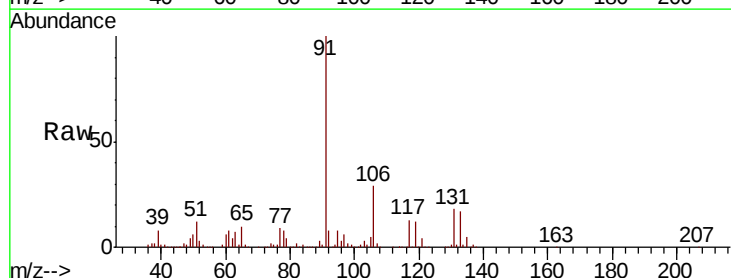
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

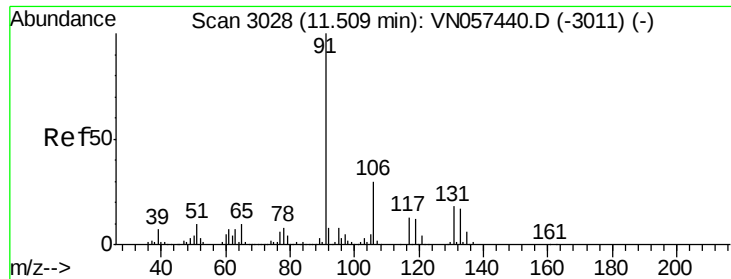
Tgt Ion:112 Resp: 544959
Ion Ratio Lower Upper
112 100
114 32.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 44.686 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion:131 Resp: 203661
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.8
119 67.9 34.4 103.2

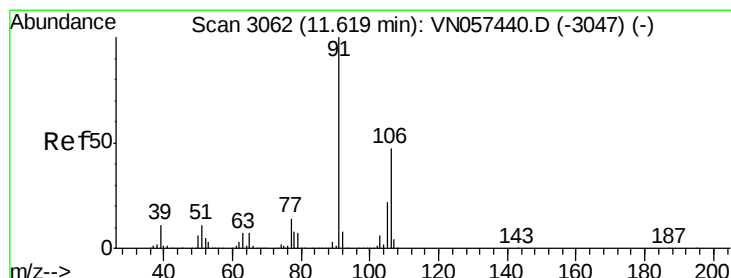
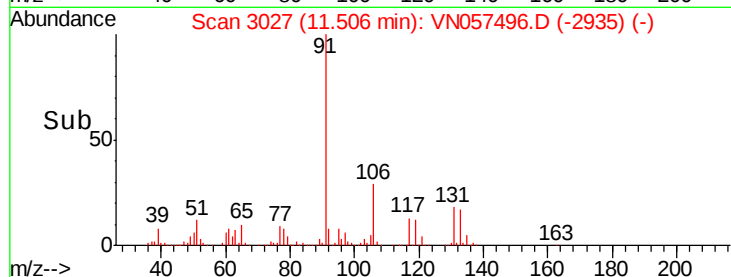
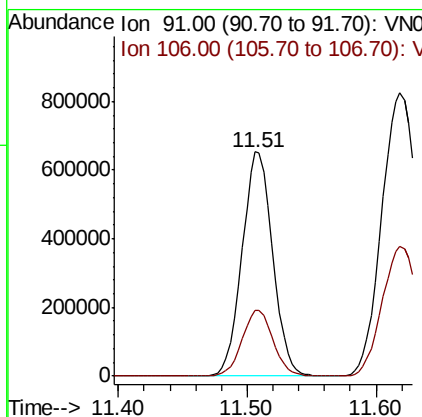
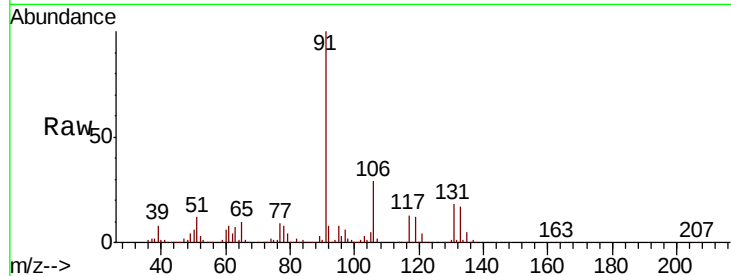




#67
Ethyl Benzene
Concen: 46.922 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

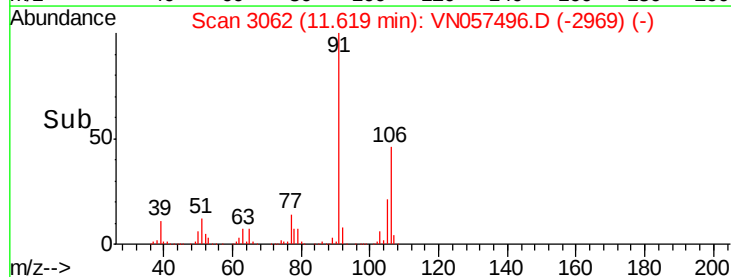
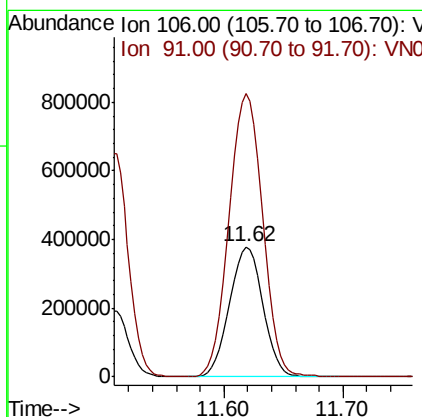
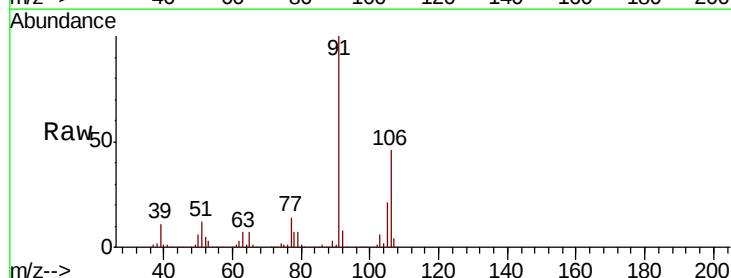
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

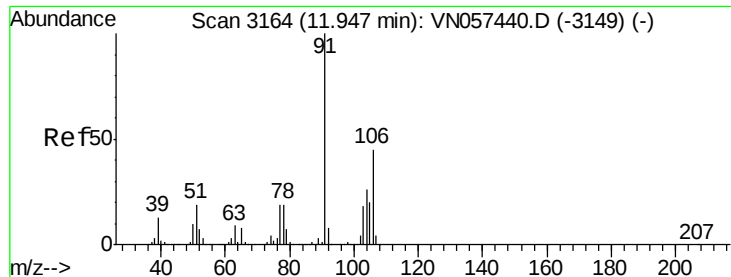
Tgt Ion: 91 Resp: 1079324
Ion Ratio Lower Upper
91 100
106 29.2 24.1 36.1



#68
m/p-Xylenes
Concen: 94.426 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion: 106 Resp: 738658
Ion Ratio Lower Upper
106 100
91 218.9 171.8 257.6

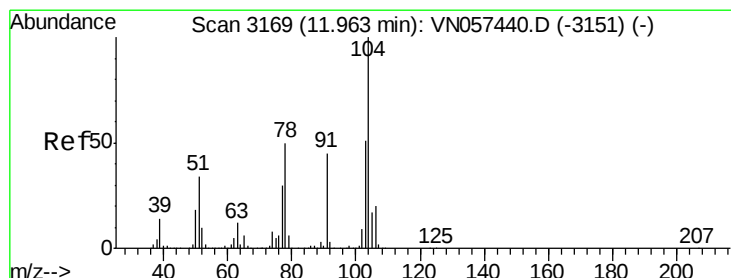
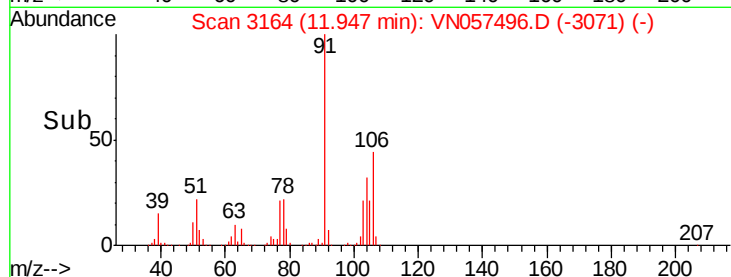
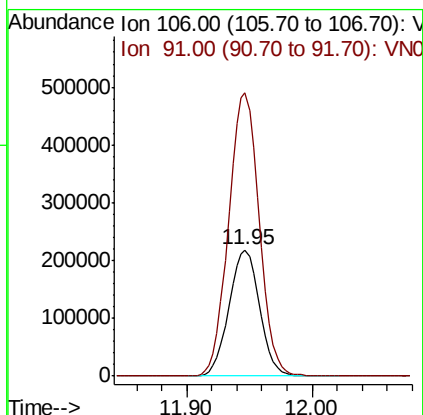
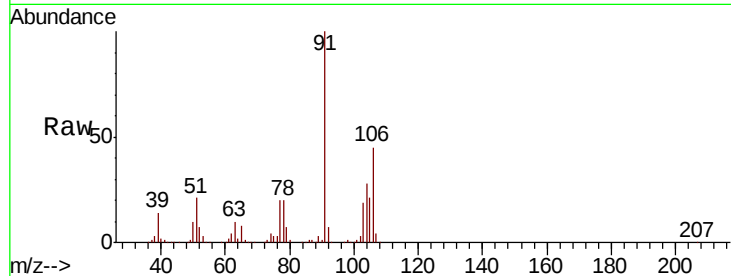




#69
o-Xylene
Concen: 47.663 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

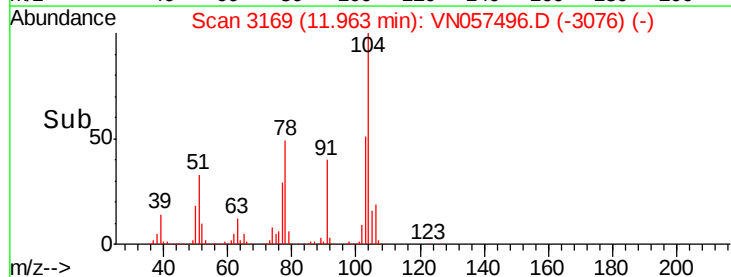
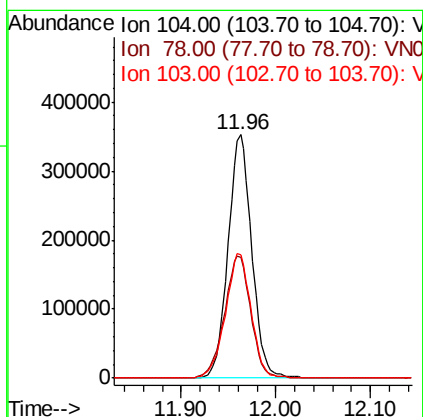
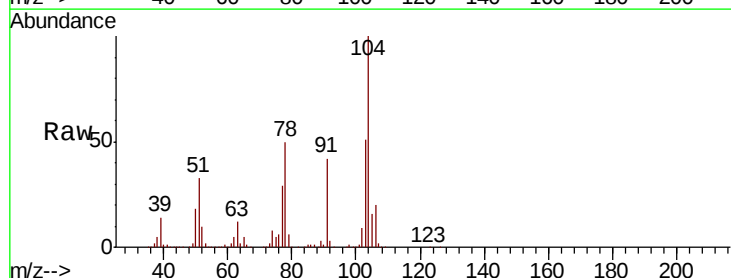
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

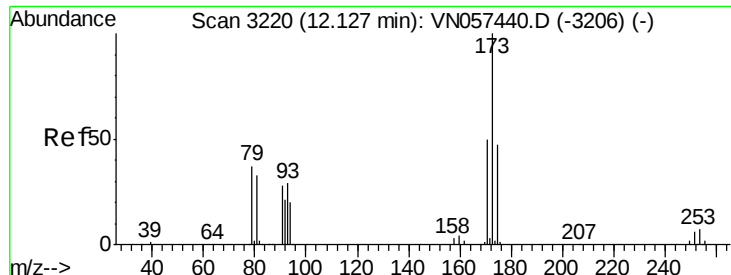
Tgt Ion:106 Resp: 369354
Ion Ratio Lower Upper
106 100
91 224.3 112.3 336.9



#70
Styrene
Concen: 49.968 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion:104 Resp: 613133
Ion Ratio Lower Upper
104 100
78 55.7 44.7 67.1
103 55.4 44.4 66.6

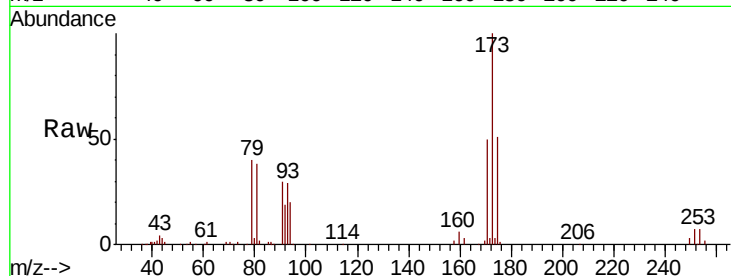




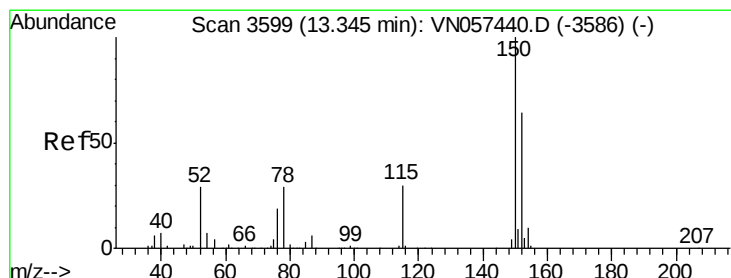
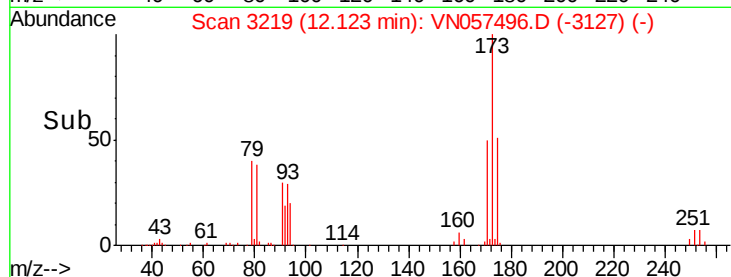
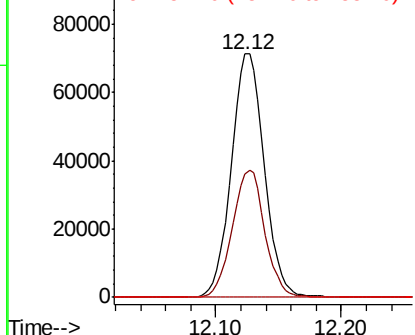
#71
Bromoform
Concen: 42.143 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 129838
Ion Ratio Lower Upper
173 100
175 51.3 23.9 71.8
254 0.0 0.1 0.1#

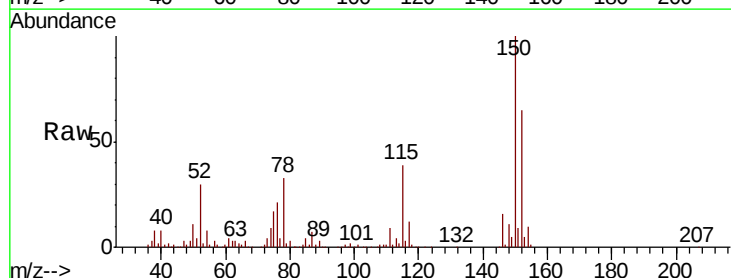


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

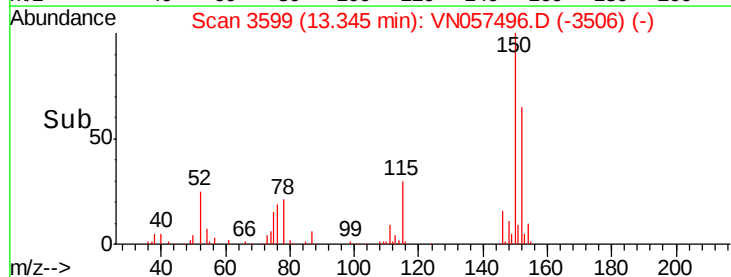
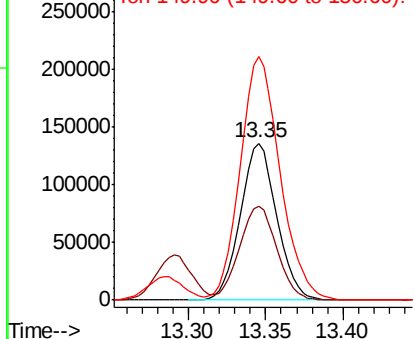


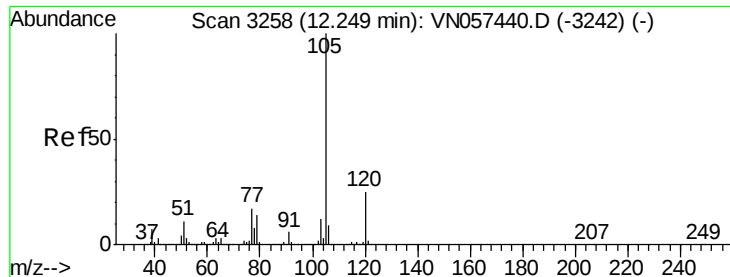
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion:152 Resp: 222268
Ion Ratio Lower Upper
152 100
115 61.7 32.0 96.0
150 169.9 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: 50.753 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

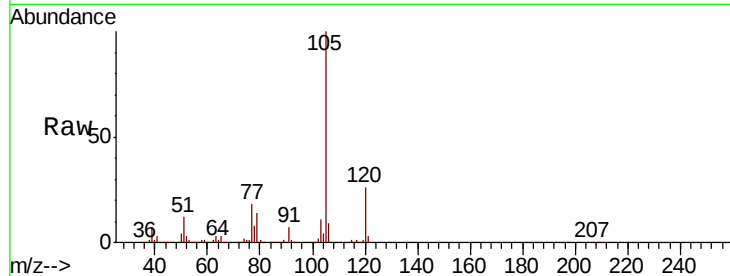
VSTDCCC050EC

Tgt Ion:105 Resp: 999863

Ion Ratio Lower Upper

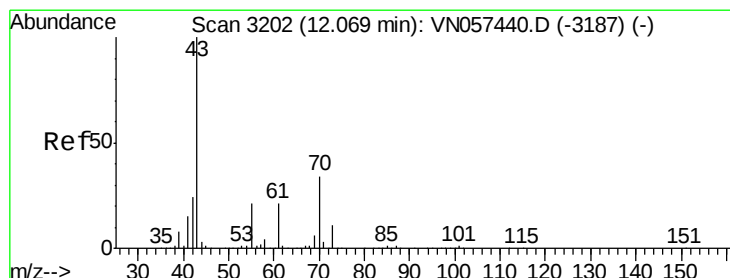
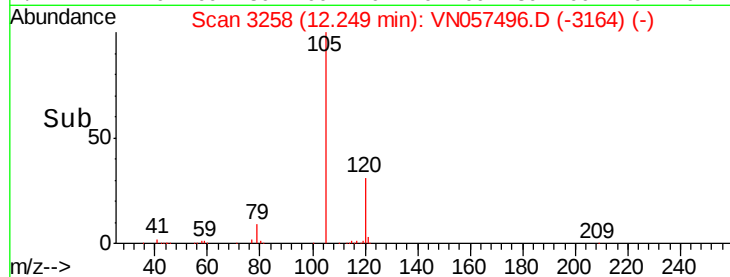
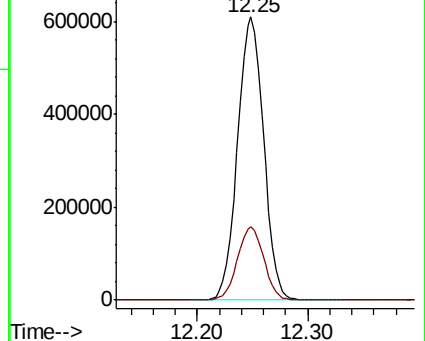
105 100

120 26.1 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: 47.882 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Tgt Ion: 43 Resp: 445988

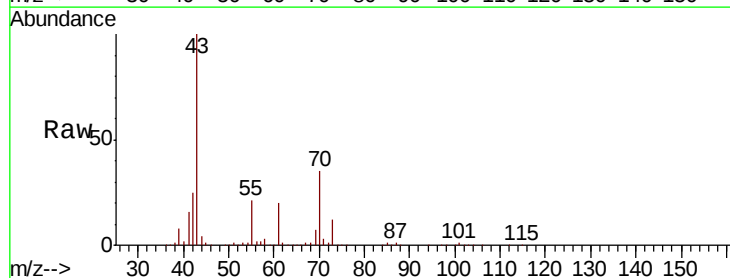
Ion Ratio Lower Upper

43 100

70 35.0 27.8 41.6

55 21.2 17.0 25.4

61 20.9 17.0 25.6

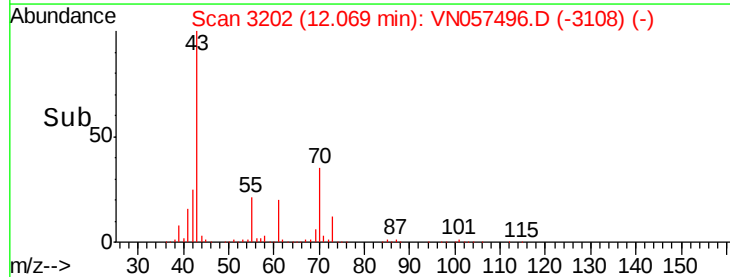
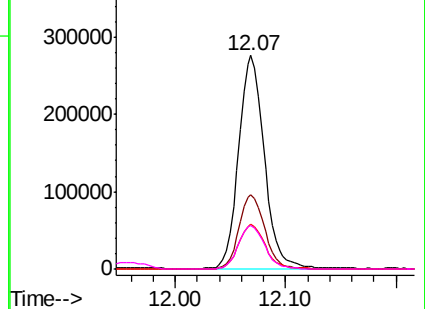


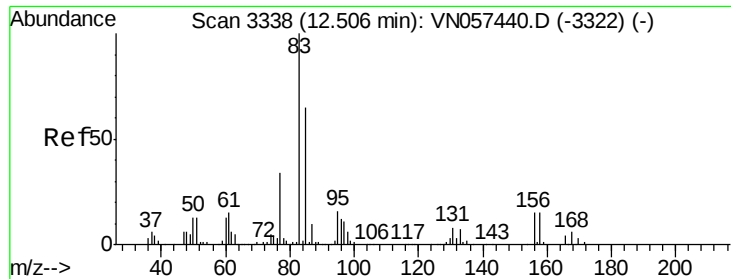
Abundance Ion 43.00 (42.70 to 43.70): V

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: 48.860 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

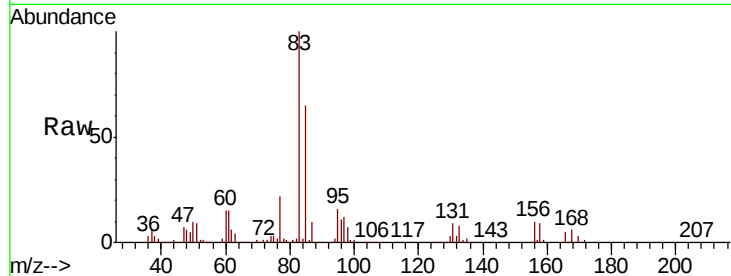
Tgt Ion: 83 Resp: 277985

Ion Ratio Lower Upper

83 100

131 8.5 4.3 13.1

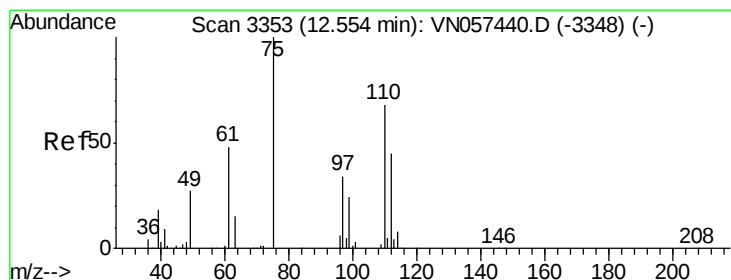
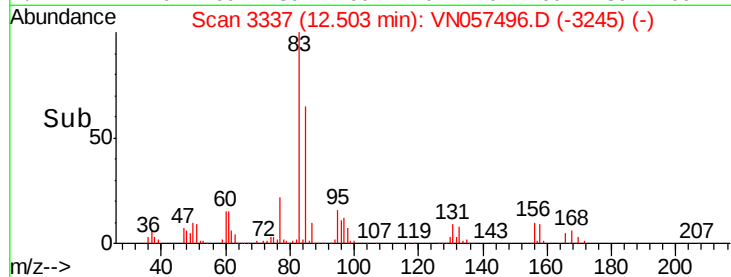
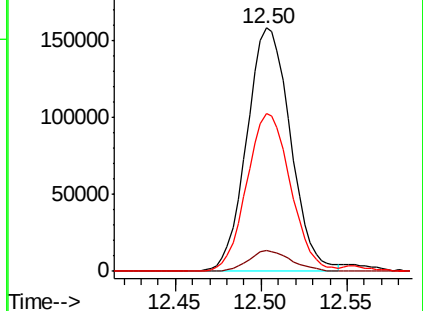
85 65.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN057440.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN057440.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN057440.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 74.640 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057496.D

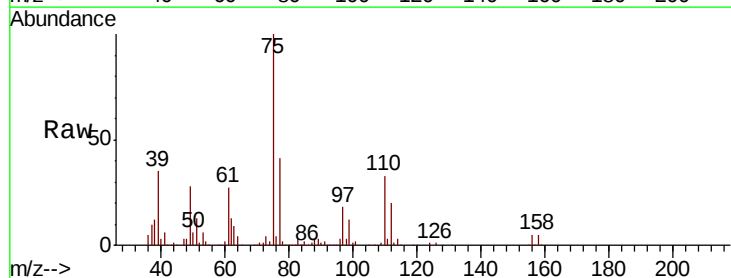
Acq: 24 Aug 2019 1:34

Tgt Ion: 75 Resp: 358150

Ion Ratio Lower Upper

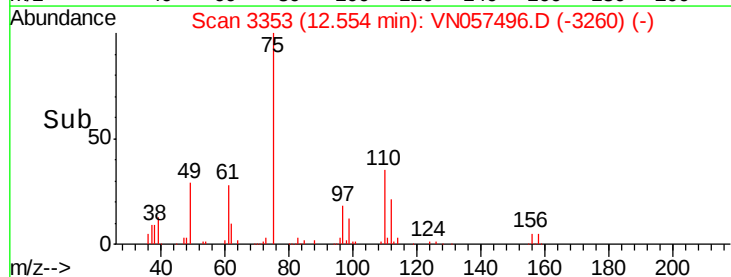
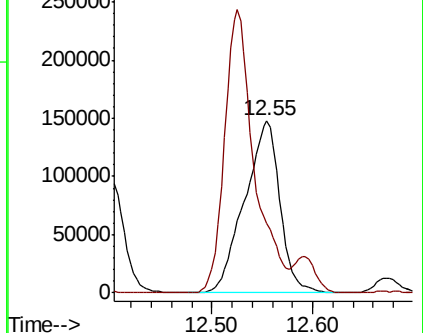
75 100

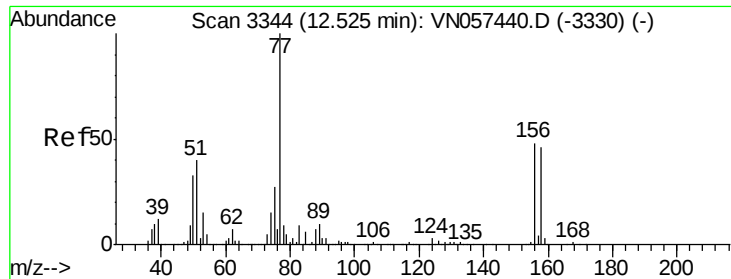
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057440.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN057440.D (-3348) (-)





#77

Bromobenzene

Concen: 50.442 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

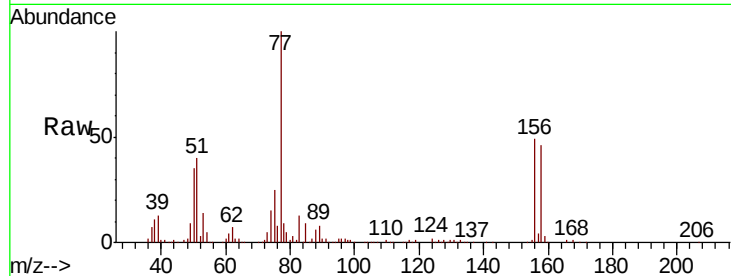
Tgt Ion:156 Resp: 205598

Ion Ratio Lower Upper

156 100

77 244.4 124.4 373.3

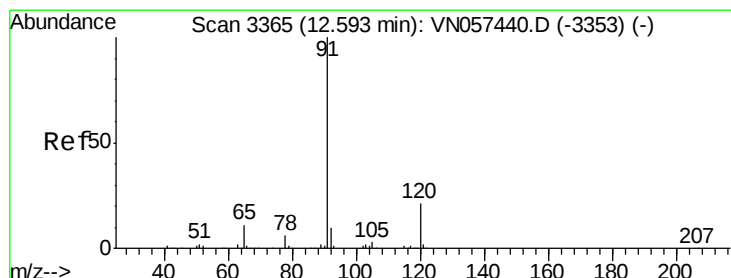
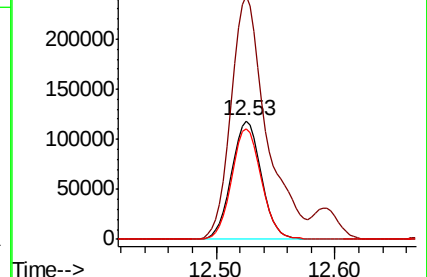
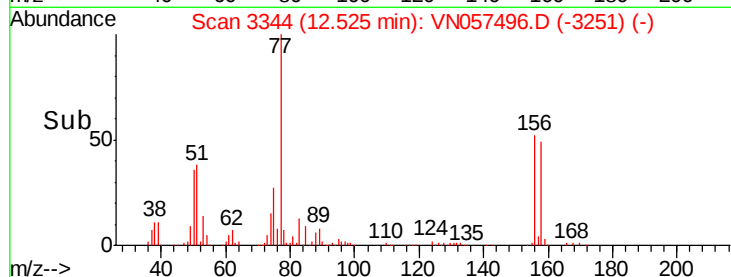
158 93.3 48.3 144.8



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: 49.415 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057496.D

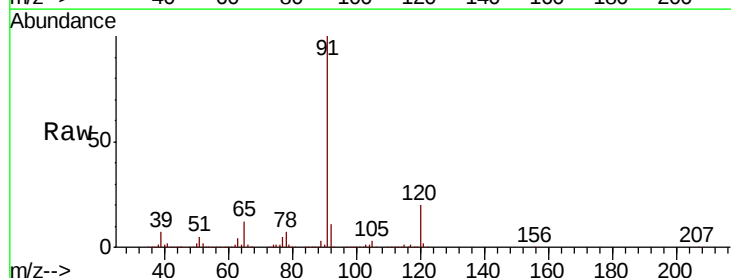
Acq: 24 Aug 2019 1:34

Tgt Ion: 91 Resp: 1117936

Ion Ratio Lower Upper

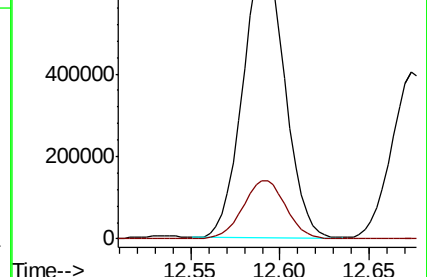
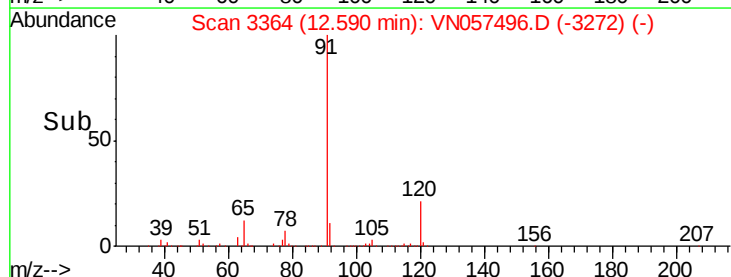
91 100

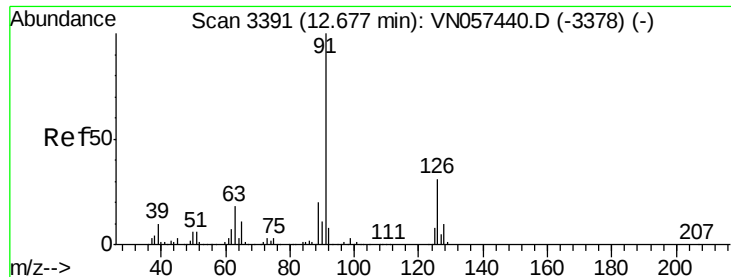
120 21.2 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

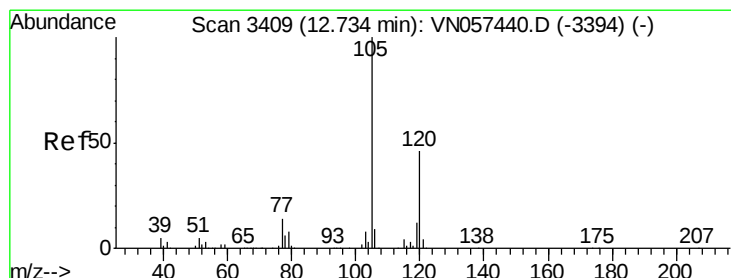
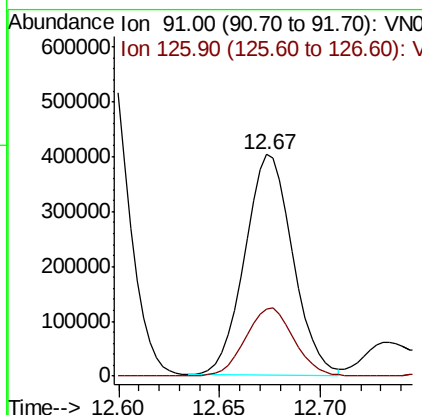
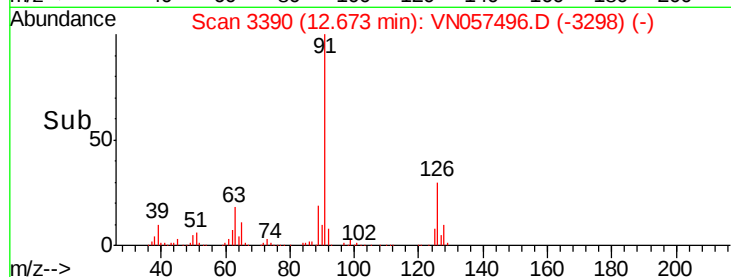
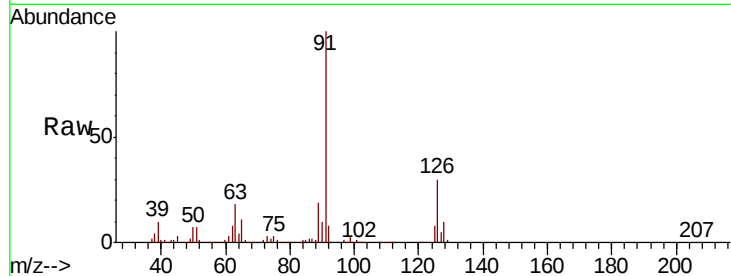




#79
 2-Chlorotoluene
 Concen: 50.536 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

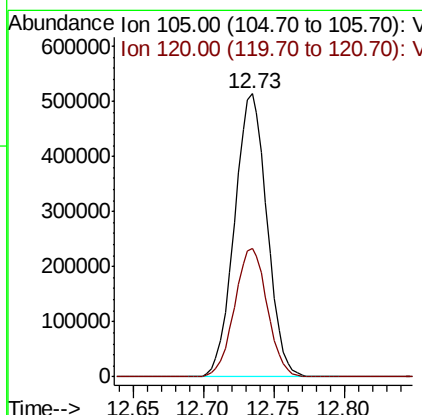
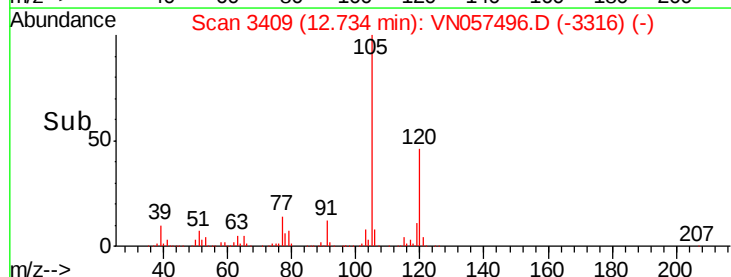
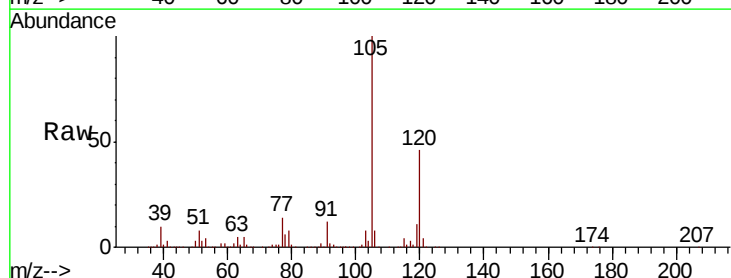
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

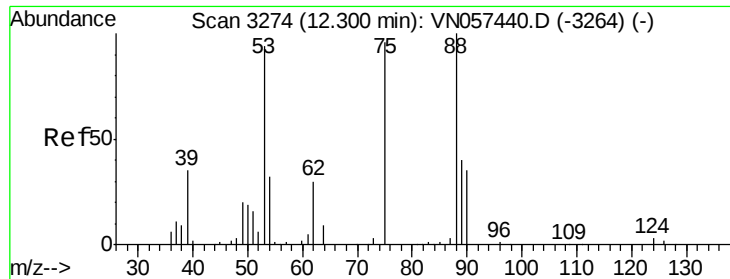
Tgt Ion: 91 Resp: 669711
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.3 45.8



#80
 1,3,5-Trimethylbenzene
 Concen: 51.202 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion: 105 Resp: 828492
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 40.689 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

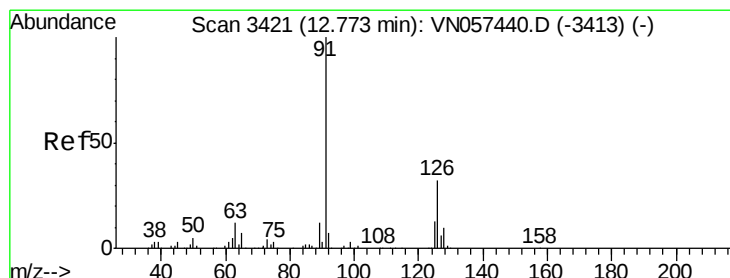
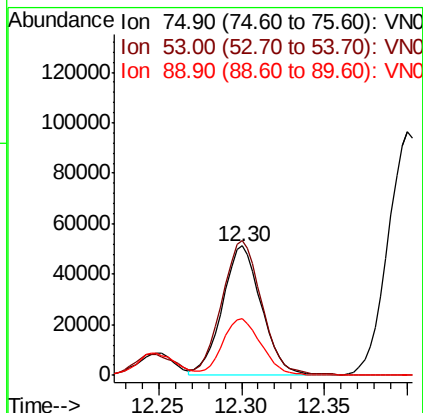
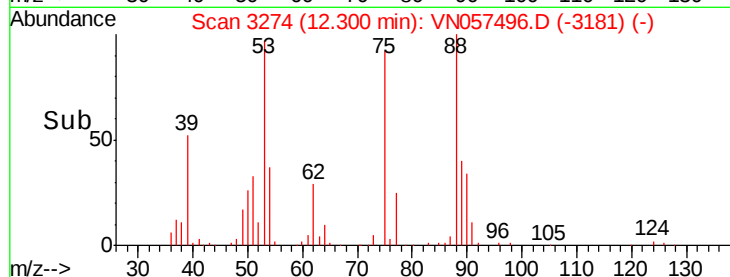
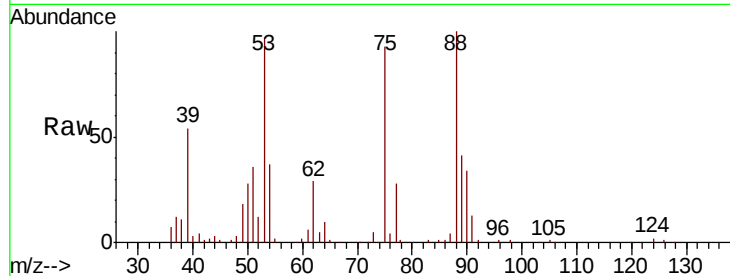
Tgt Ion: 75 Resp: 82668

Ion Ratio Lower Upper

75 100

53 107.5 82.7 124.1

89 44.4 35.8 53.8



#82

4-Chlorotoluene

Concen: 48.447 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN057496.D

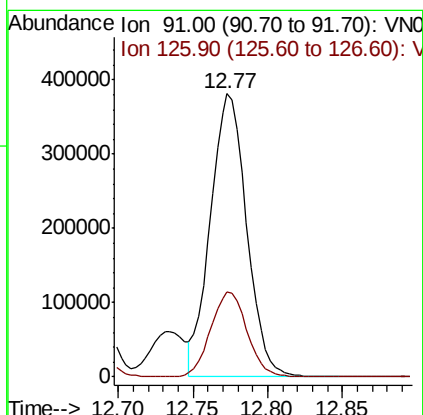
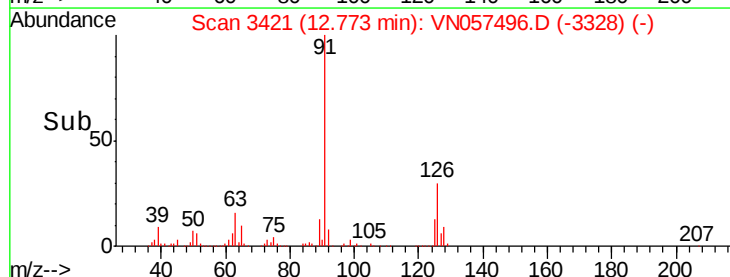
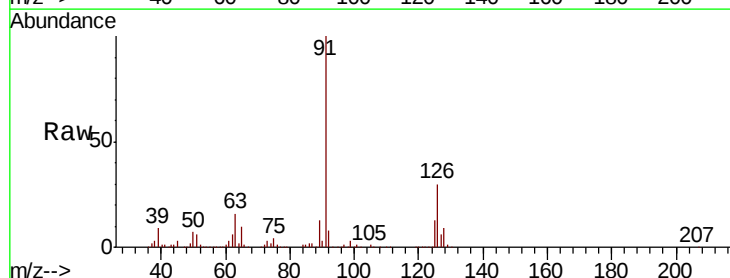
Acq: 24 Aug 2019 1:34

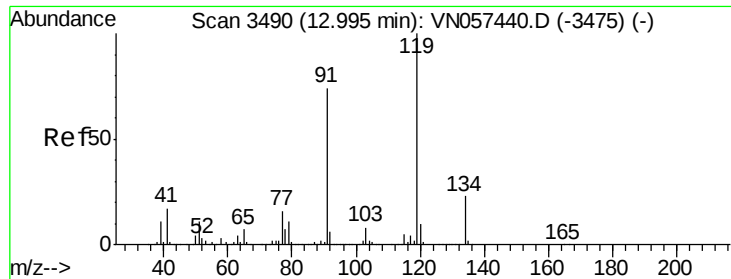
Tgt Ion: 91 Resp: 642205

Ion Ratio Lower Upper

91 100

126 30.2 15.0 45.0

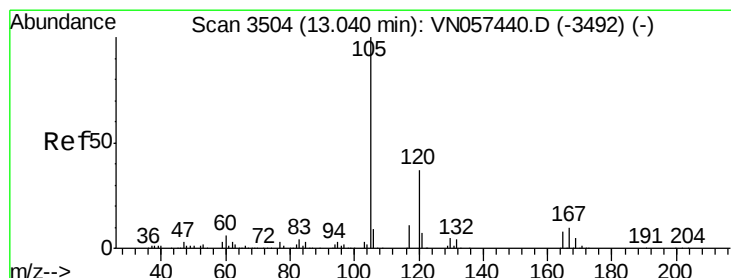
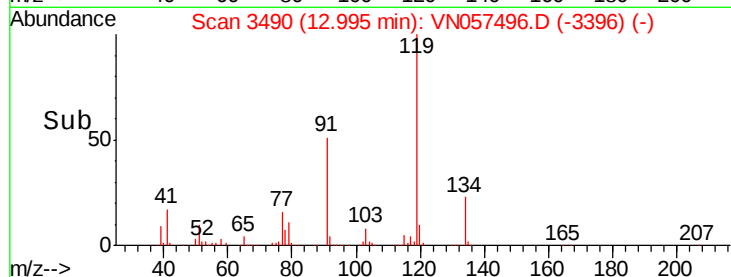
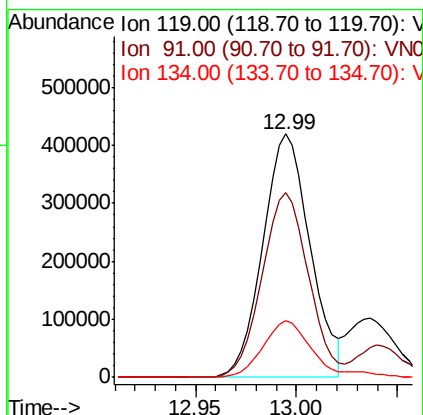
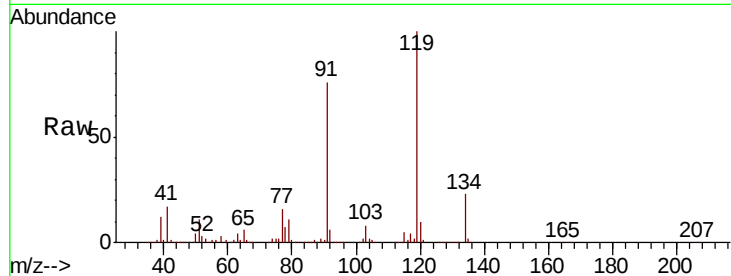




#83
 tert-Butylbenzene
 Concen: 50.529 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

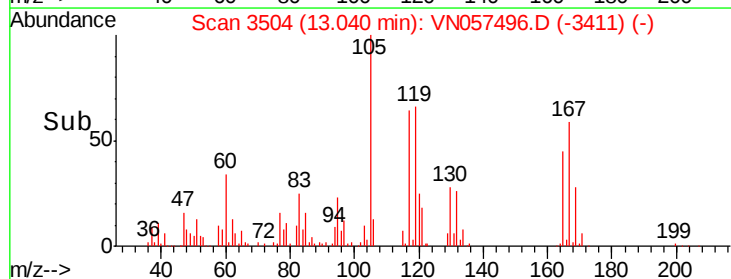
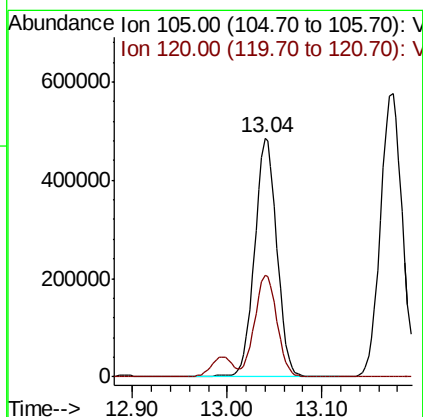
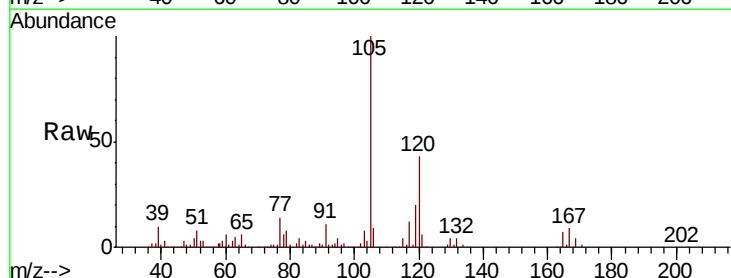
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

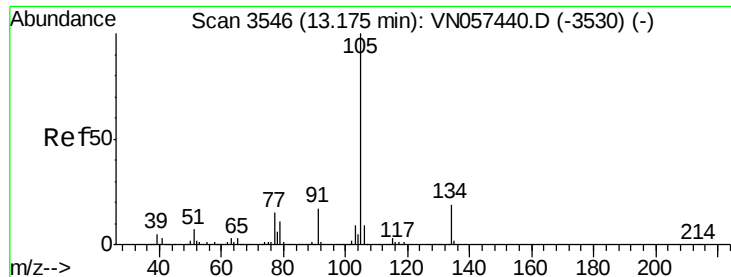
Tgt Ion:119 Resp: 683979
 Ion Ratio Lower Upper
 119 100
 91 74.9 37.0 111.0
 134 24.5 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 45.854 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion:105 Resp: 792342
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.9 65.7

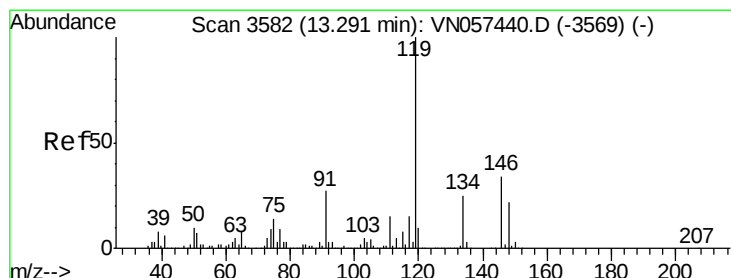
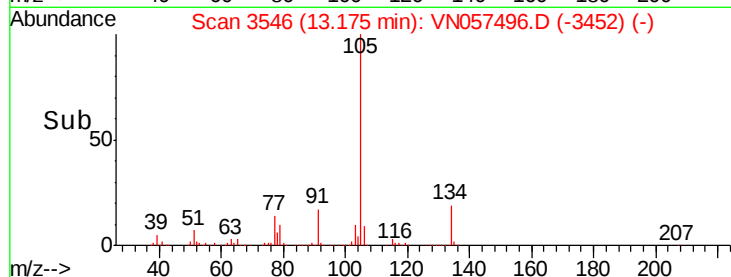
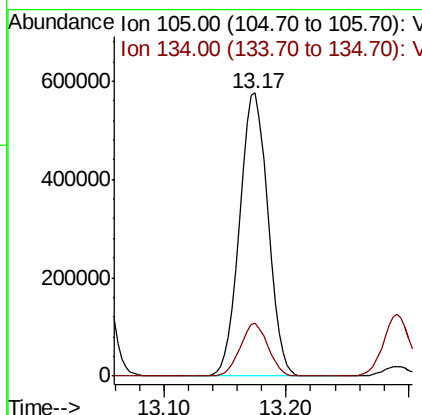
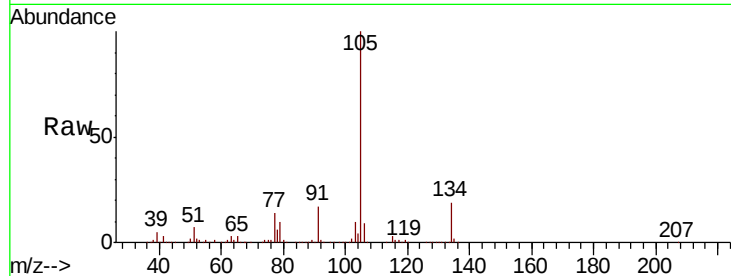




#85
 sec-Butylbenzene
 Concen: 50.265 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

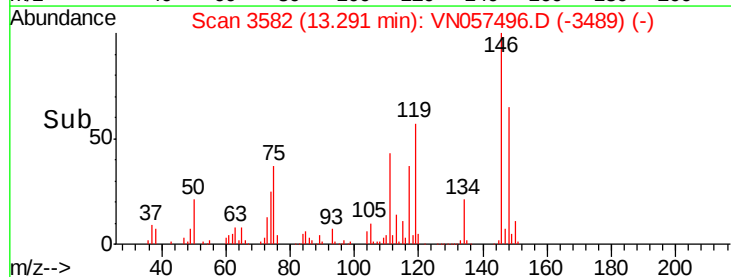
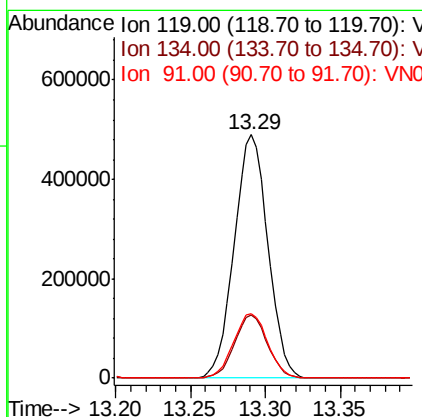
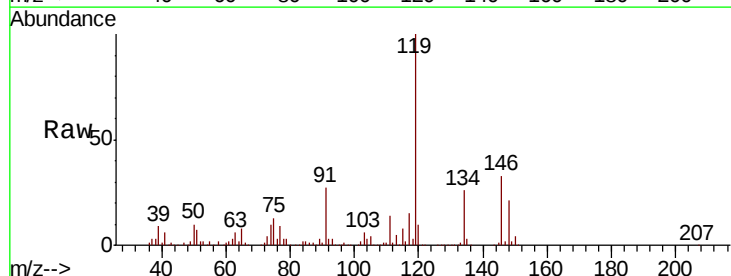
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

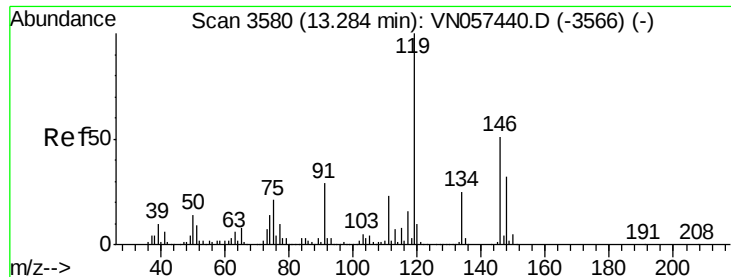
Tgt Ion:105 Resp: 922953
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 44.154 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion:119 Resp: 767108
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 26.7 13.9 41.6

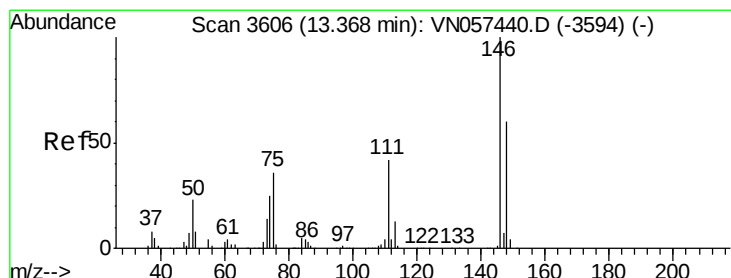
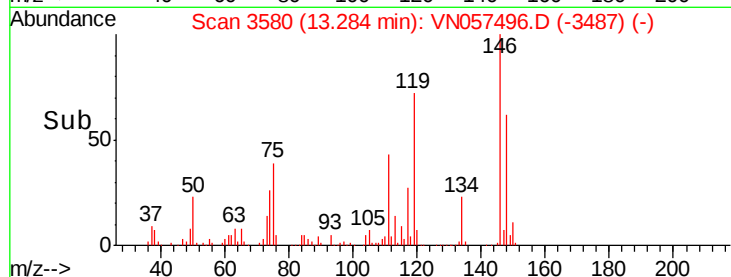
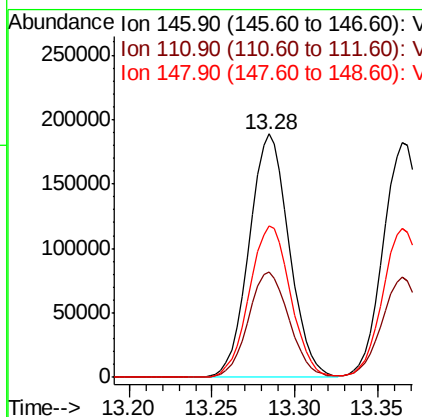
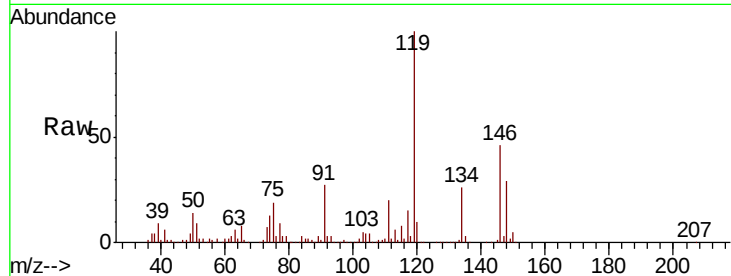




#87
 1,3-Dichlorobenzene
 Concen: 44.233 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

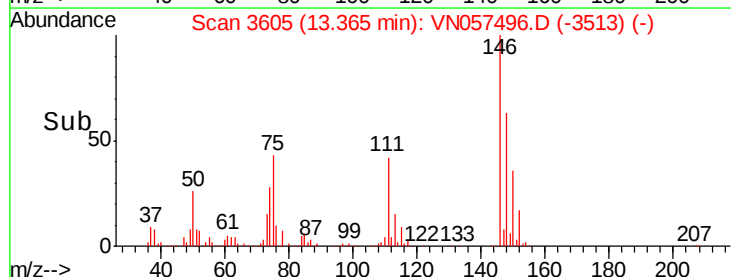
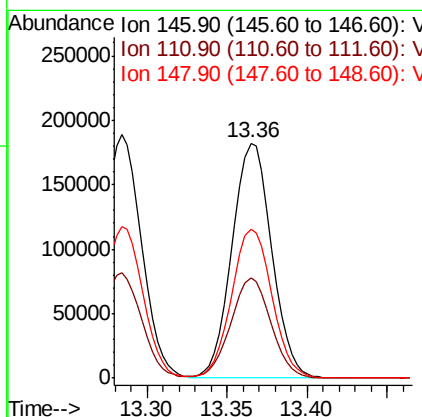
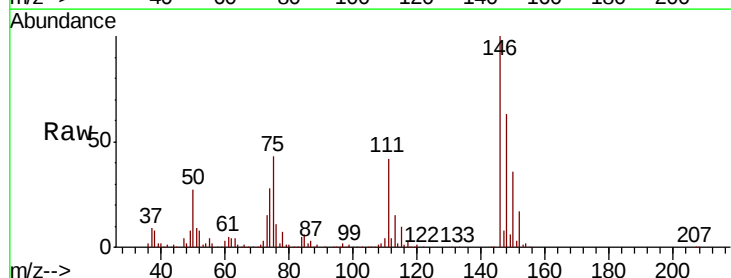
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

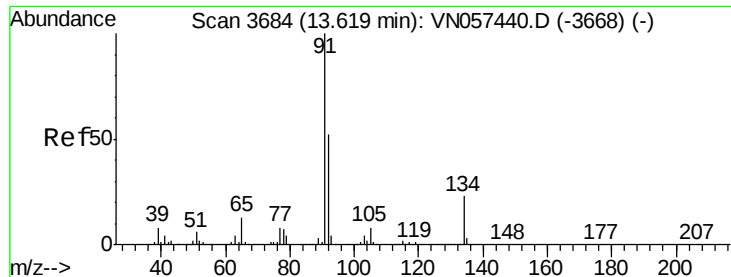
Tgt Ion:146 Resp: 317570
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.1 66.1
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 43.729 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion:146 Resp: 307455
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.9 65.5
 148 64.6 31.1 93.2

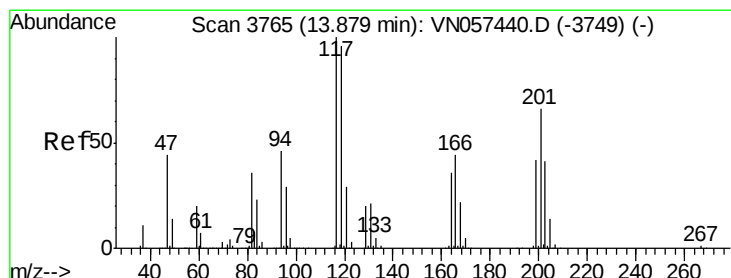
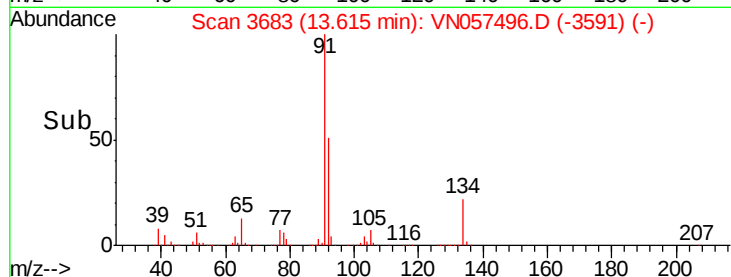
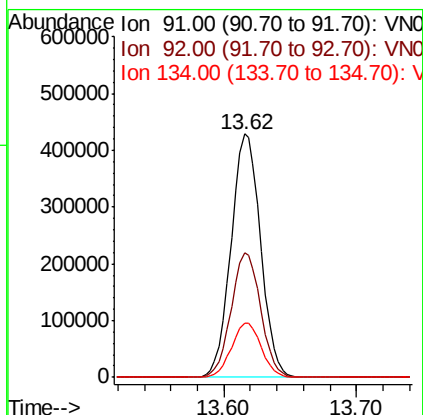
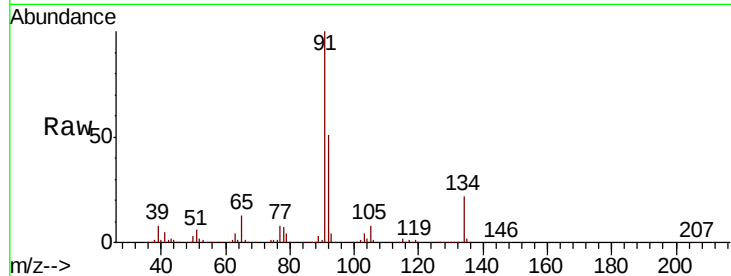




#89
n-Butylbenzene
Concen: 45.076 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

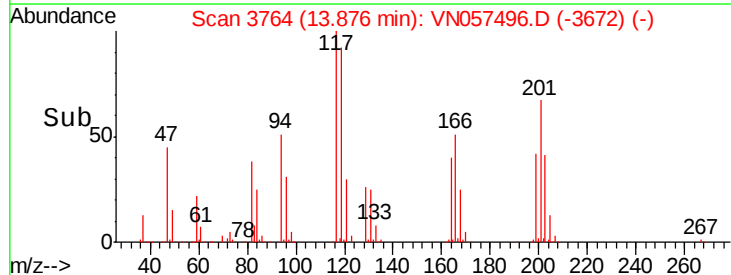
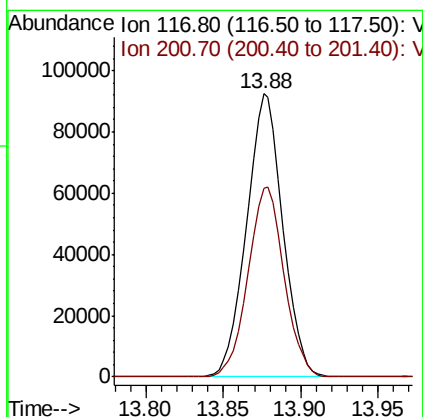
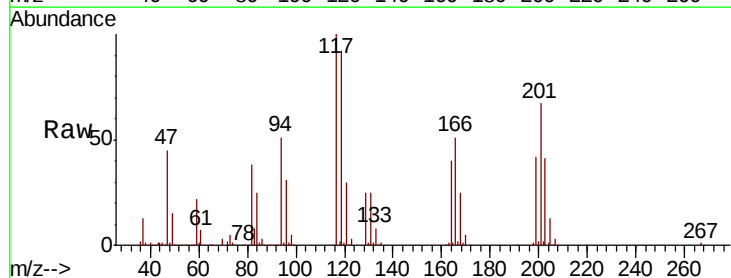
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

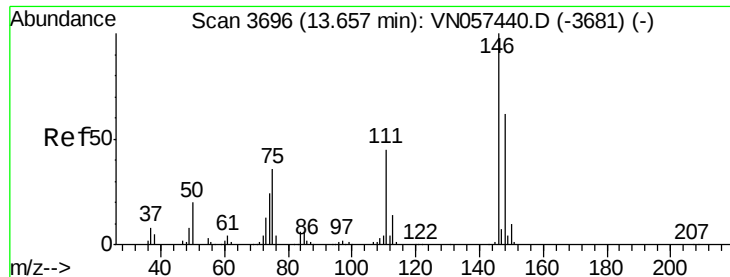
Tgt Ion: 91 Resp: 662723
Ion Ratio Lower Upper
91 100
92 50.9 25.7 77.0
134 22.5 11.4 34.1



#90
Hexachloroethane
Concen: 45.976 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion: 117 Resp: 150362
Ion Ratio Lower Upper
117 100
201 66.9 33.1 99.3





#91

1,2-Dichlorobenzene

Concen: 46.583 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

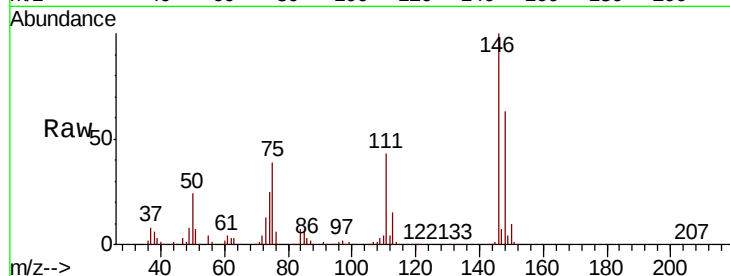
Tgt Ion:146 Resp: 319259

Ion Ratio Lower Upper

146 100

111 44.4 23.1 69.2

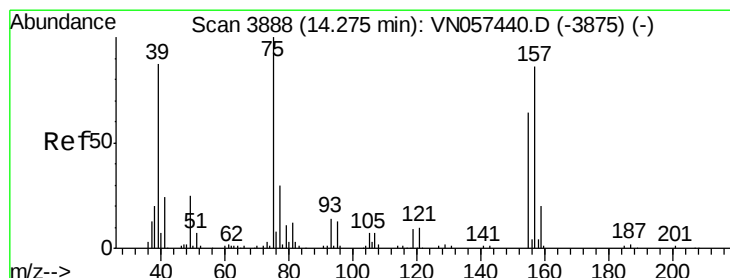
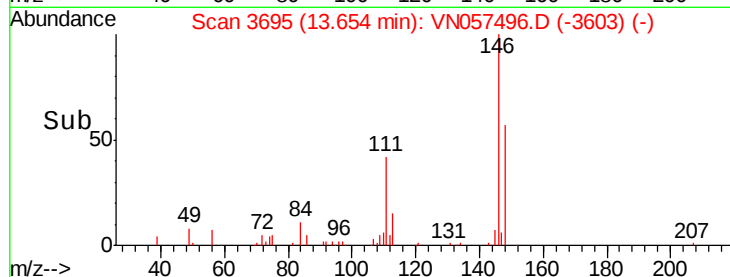
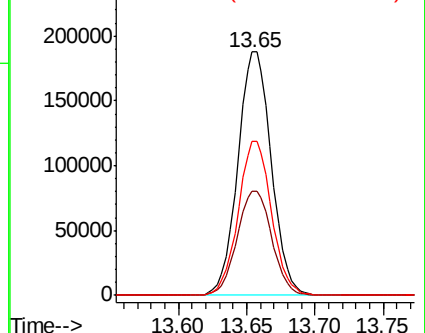
148 63.2 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.632 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057496.D

Acq: 24 Aug 2019 1:34

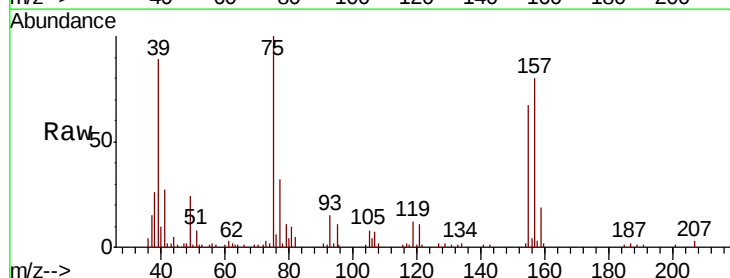
Tgt Ion: 75 Resp: 46419

Ion Ratio Lower Upper

75 100

155 62.6 31.6 94.7

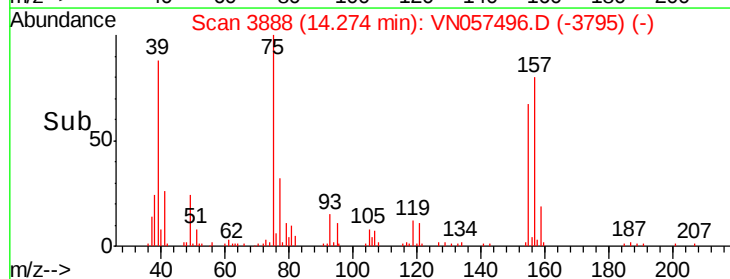
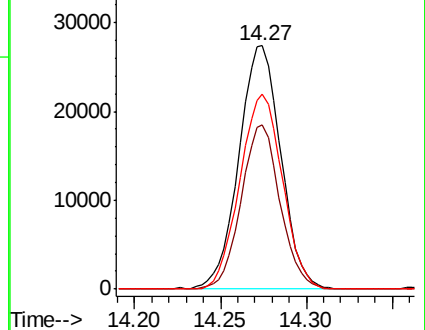
157 81.0 43.3 129.8

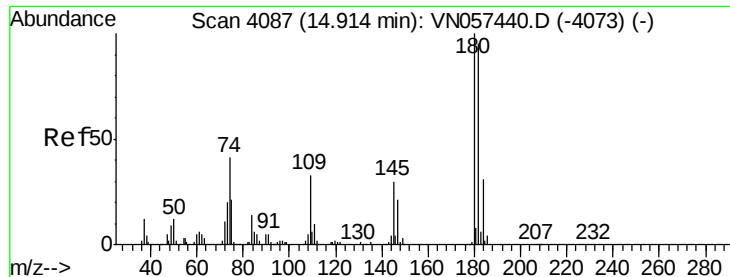


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

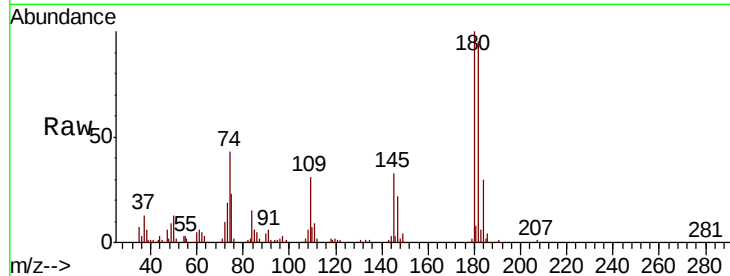




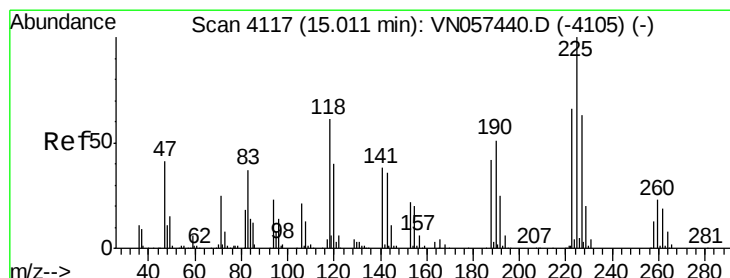
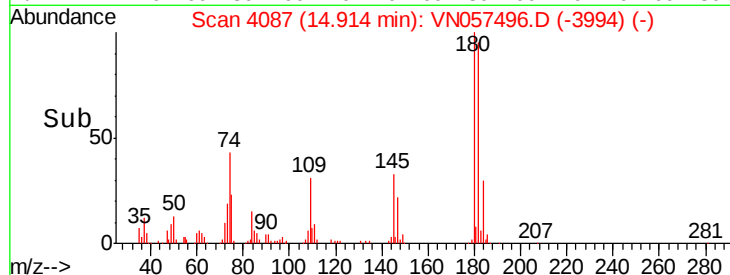
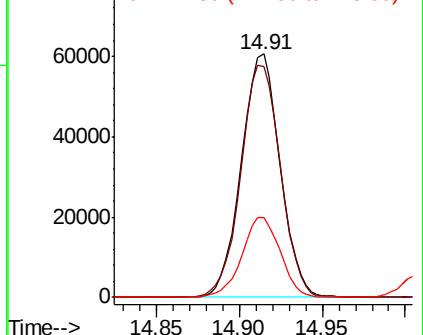
#93
 1,2,4-Trichlorobenzene
 Concen: 37.058 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 98443
 Ion Ratio Lower Upper
 180 100
 182 97.7 46.7 140.1
 145 32.5 15.6 46.8

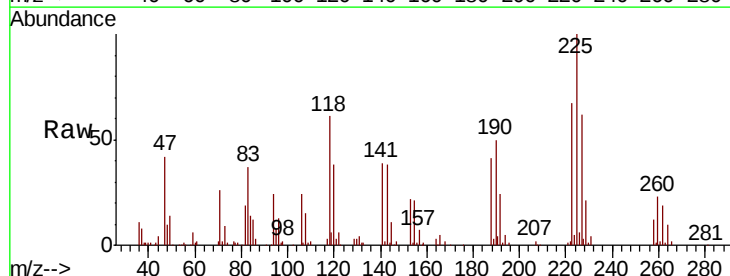


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

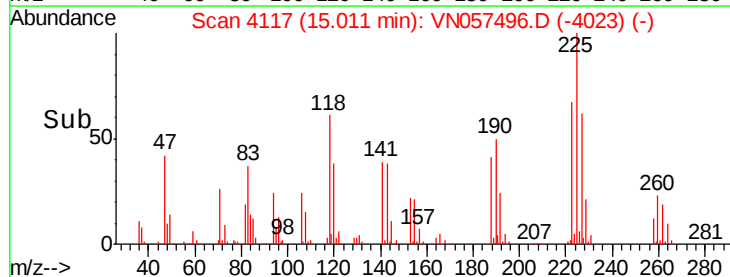
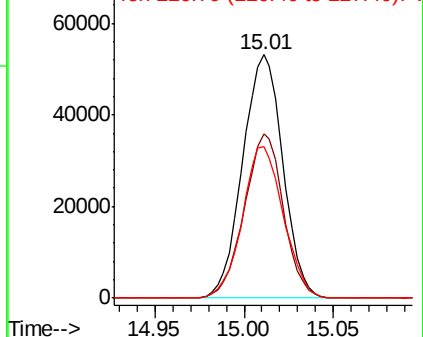


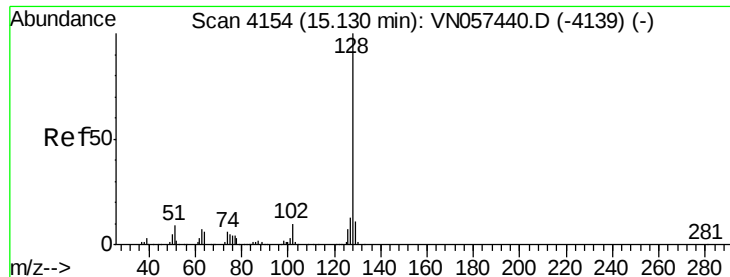
#94
 Hexachlorobutadiene
 Concen: 47.754 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057496.D
 Acq: 24 Aug 2019 1:34

Tgt Ion:225 Resp: 83627
 Ion Ratio Lower Upper
 225 100
 223 65.6 32.0 96.2
 227 63.4 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

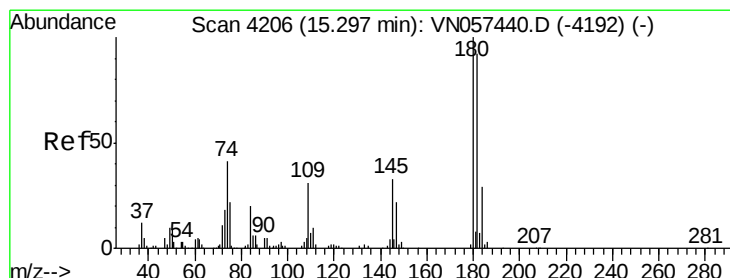
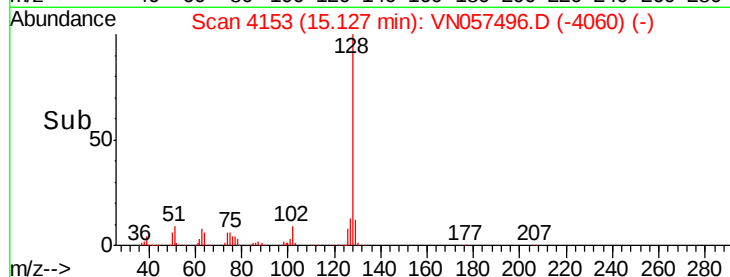
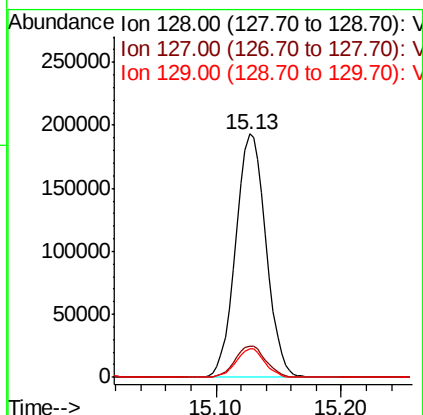
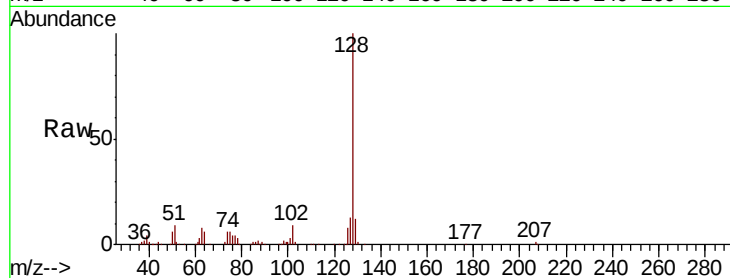




#95
Naphthalene
Concen: 37.776 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 38.831 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN057496.D
Acq: 24 Aug 2019 1:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.7	140.1
145	34.4	16.8	50.3

