

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063979.D
 Acq On : 8 Oct 2020 7:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 08 07:36:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	273871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	450487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	206744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	215116	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	7.55	113	152942	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.06	98	558979	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
62) 4-Bromofluorobenzene	12.38	95	211177	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	127087	43.978	ug/l	98
3) Chloromethane	2.04	50	148520	43.801	ug/l	99
4) Vinyl Chloride	2.16	62	156099	45.862	ug/l	97
5) Bromomethane	2.52	94	61641	28.792	ug/l	99
6) Chloroethane	2.67	64	101936	50.120	ug/l	97
7) Trichlorofluoromethane	2.98	101	248735	46.078	ug/l	97
8) Diethyl Ether	3.37	74	90413	49.524	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	134453	46.600	ug/l	97
10) Methyl Iodide	3.91	142	103703	30.956	ug/l	99
11) Tert butyl alcohol	4.73	59	162021	324.351	ug/l	99
12) 1,1-Dichloroethene	3.69	96	127926	46.386	ug/l	99
13) Acrolein	3.57	56	59833	195.163	ug/l	98
14) Allyl chloride	4.28	41	261659	51.070	ug/l	91
15) Acrylonitrile	4.93	53	422486	295.474	ug/l	100
16) Acetone	3.78	43	403201	289.490	ug/l	96
17) Carbon Disulfide	4.01	76	344157	46.225	ug/l	100
18) Methyl Acetate	4.28	43	224738	62.147	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	515391	51.439	ug/l	99
20) Methylene Chloride	4.50	84	162796	51.028	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	147184	47.647	ug/l	98
22) Diisopropyl ether	5.90	45	592406	56.199	ug/l	97
23) Vinyl Acetate	5.84	43	2434815	278.839	ug/l	99
24) 1,1-Dichloroethane	5.80	63	302990	50.270	ug/l	99
25) 2-Butanone	6.78	43	615284	311.592	ug/l	99
26) 2,2-Dichloropropane	6.78	77	174532	31.621	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	171909	48.389	ug/l	97
28) Bromochloromethane	7.15	49	158466	53.195	ug/l	98
29) Tetrahydrofuran	7.17	42	422596	319.089	ug/l	96
30) Chloroform	7.33	83	314299	50.012	ug/l	96
31) Cyclohexane	7.61	56	242149	46.099	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	281768	49.708	ug/l	99
36) 1,1-Dichloropropene	7.75	75	220210	48.251	ug/l	99
37) Ethyl Acetate	6.88	43	256006	56.460	ug/l	99
38) Carbon Tetrachloride	7.73	117	246642	48.194	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063979.D
 Acq On : 8 Oct 2020 7:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Oct 08 07:36:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	199620	43.860	ug/l	98
40) Benzene	8.00	78	660215	50.647	ug/l	100
41) Methacrylonitrile	7.12	41	117092	58.104	ug/l #	91
42) 1,2-Dichloroethane	8.08	62	274587	49.347	ug/l	100
43) Isopropyl Acetate	8.13	43	425683	56.917	ug/l #	92
44) Trichloroethene	8.80	130	162743	47.648	ug/l	99
45) 1,2-Dichloropropane	9.08	63	182143	51.738	ug/l	99
46) Dibromomethane	9.17	93	122229	50.329	ug/l	98
47) Bromodichloromethane	9.37	83	256950	51.336	ug/l	99
48) Methyl methacrylate	9.16	41	212904	57.617	ug/l	92
49) 1,4-Dioxane	9.17	88	62341	1187.085	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1353834	308.456	ug/l	100
52) Toluene	10.13	92	411251	51.005	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	259317	48.332	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	273444	48.732	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	170313	52.671	ug/l	97
56) Ethyl methacrylate	10.40	69	255978	55.849	ug/l	95
57) 1,3-Dichloropropane	10.68	76	289923	52.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	679705	277.238	ug/l	99
59) 2-Hexanone	10.72	43	998474	306.236	ug/l	100
60) Dibromochloromethane	10.87	129	196947	52.300	ug/l	100
61) 1,2-Dibromoethane	10.98	107	174349	52.711	ug/l	98
64) Tetrachloroethene	10.60	164	149897	45.538	ug/l	99
65) Chlorobenzene	11.41	112	432585	49.566	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	174677	52.207	ug/l	99
67) Ethyl Benzene	11.49	91	803370	50.587	ug/l	99
68) m/p-Xylenes	11.59	106	593976	100.354	ug/l	100
69) o-Xylene	11.92	106	280985	50.792	ug/l	100
70) Styrene	11.94	104	494661	52.676	ug/l	99
71) Bromoform	12.10	173	139011	54.323	ug/l #	100
73) Isopropylbenzene	12.23	105	752993	49.934	ug/l	99
74) N-amyl acetate	12.04	43	374932	53.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	248780	53.951	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	331529	72.744	ug/l #	100
77) Bromobenzene	12.50	156	188326	50.896	ug/l	98
78) n-propylbenzene	12.57	91	866168	49.355	ug/l	100
79) 2-Chlorotoluene	12.65	91	534968	49.564	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	637885	50.421	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	72917	46.081	ug/l	99
82) 4-Chlorotoluene	12.75	91	558960	49.886	ug/l	99
83) tert-Butylbenzene	12.97	119	507998	49.090	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	652695	51.674	ug/l	99
85) sec-Butylbenzene	13.15	105	659103	48.492	ug/l	99
86) p-Isopropyltoluene	13.26	119	600280	49.923	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	334059	49.903	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	331296	47.532	ug/l	99
89) n-Butylbenzene	13.59	91	496087	44.701	ug/l	100
90) Hexachloroethane	13.85	117	115509	49.574	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	333388	50.282	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57921	53.560	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063979.D
Acq On : 8 Oct 2020 7:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 08 07:36:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

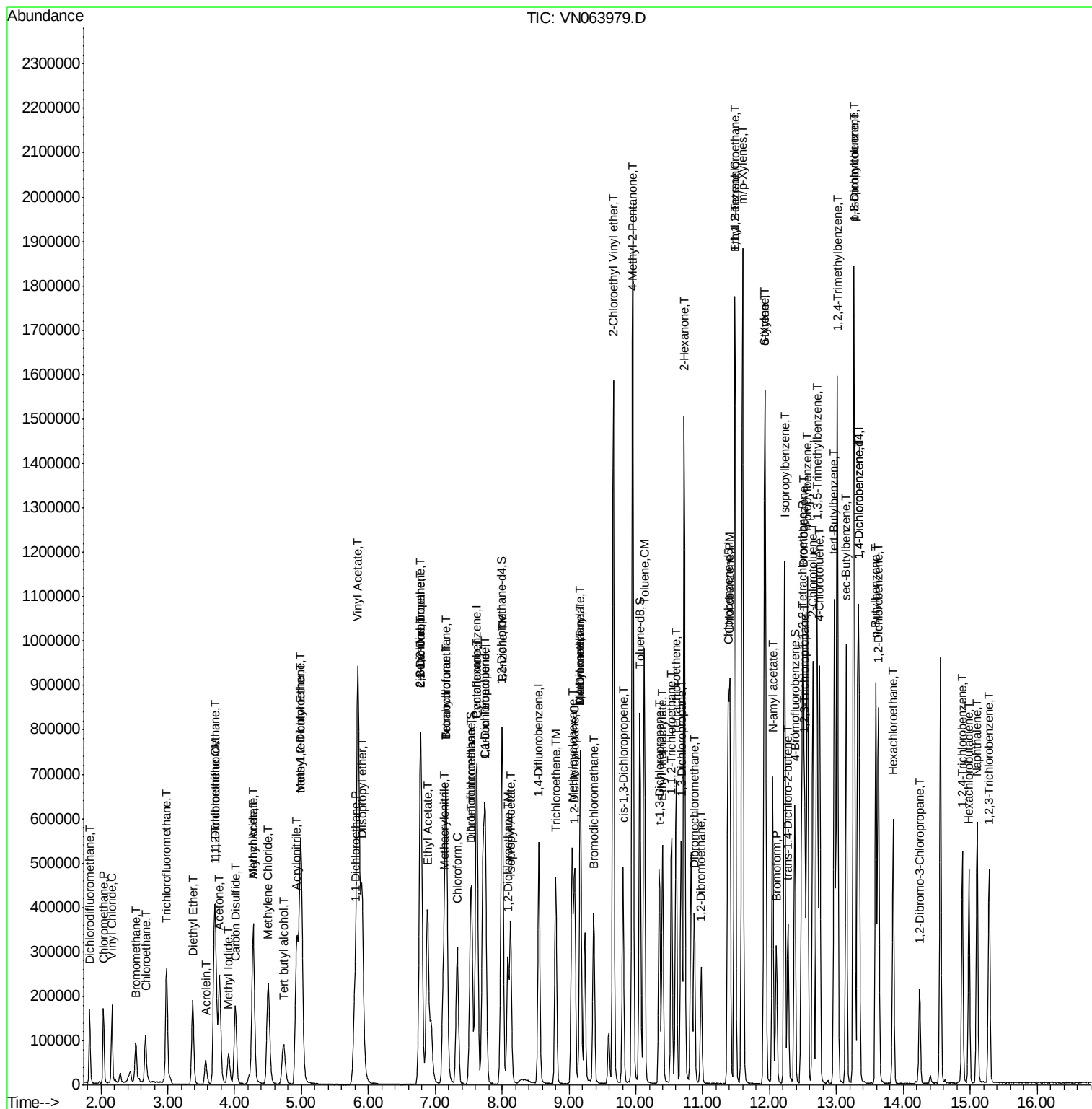
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	157240	43.835	ug/l	97
94) Hexachlorobutadiene	14.98	225	85756	47.705	ug/l	97
95) Naphthalene	15.10	128	486508	43.857	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	155075	44.525	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063979.D
Acq On : 8 Oct 2020 7:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 08 07:36:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

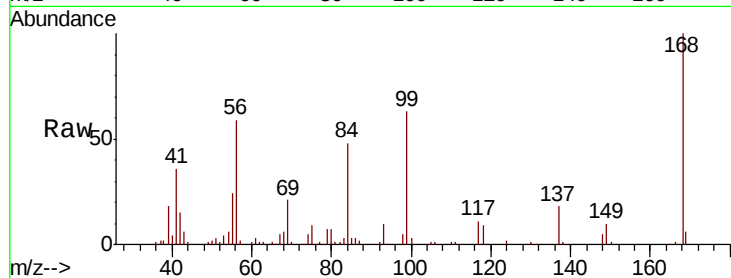
VSTDCCC050EC

Tot Ion:168 Resp: 273871

Ion Ratio Lower Upper

168 100

99 62.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

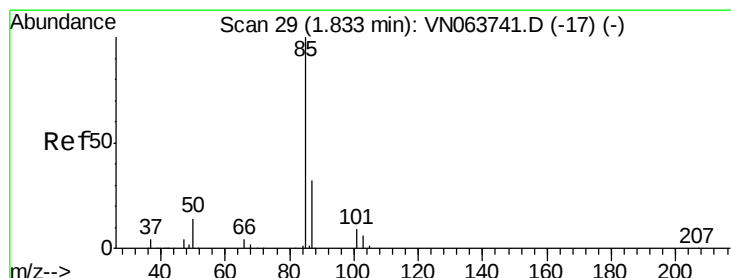
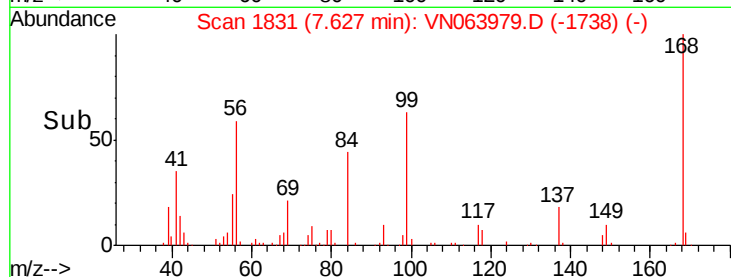
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.978 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063979.D

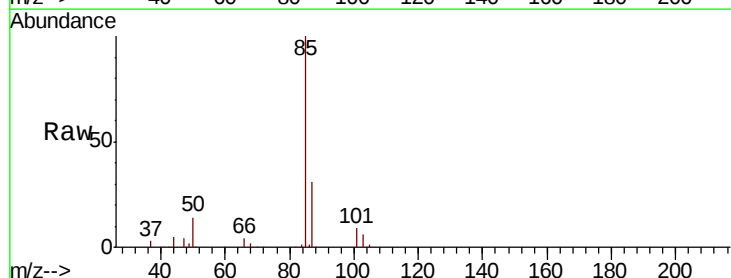
Acq: 8 Oct 2020 7:17

Tgt Ion: 85 Resp: 127087

Ion Ratio Lower Upper

85 100

87 31.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

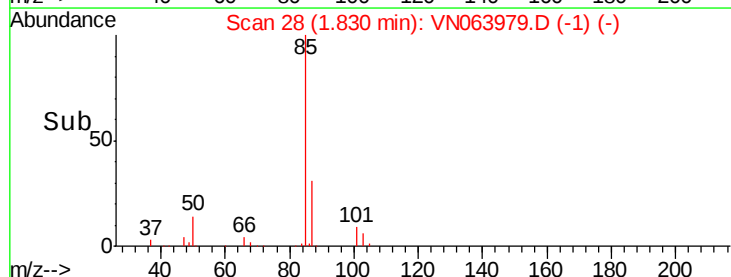
60000

40000

20000

0

Time-->

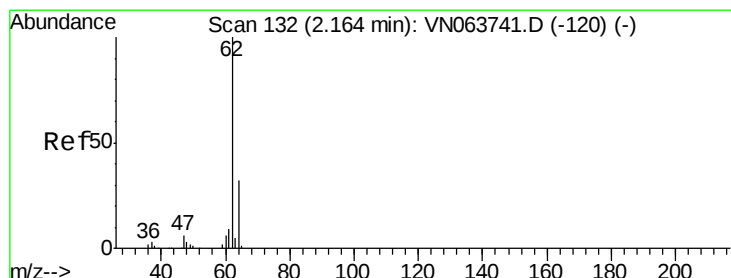
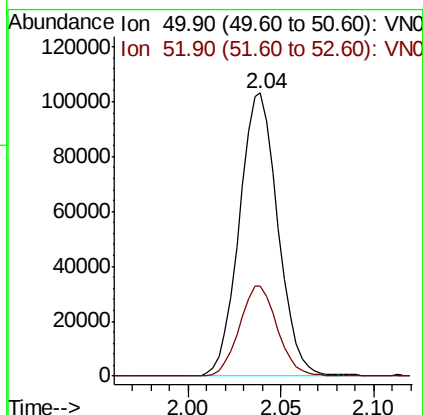
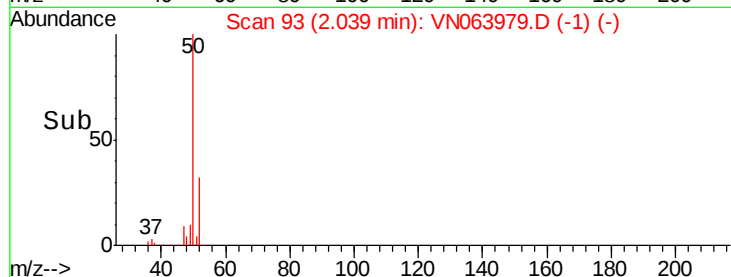
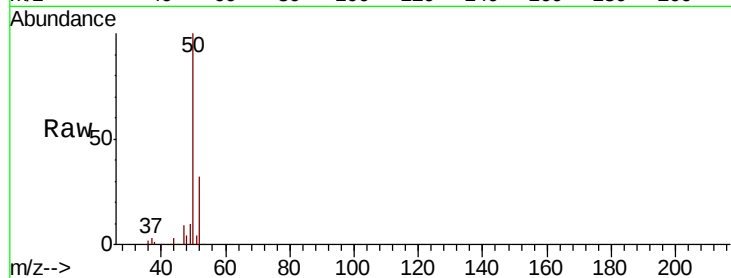




#3
Chloromethane
Concen: 43.801 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

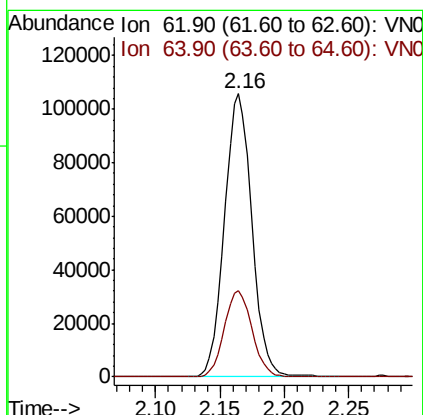
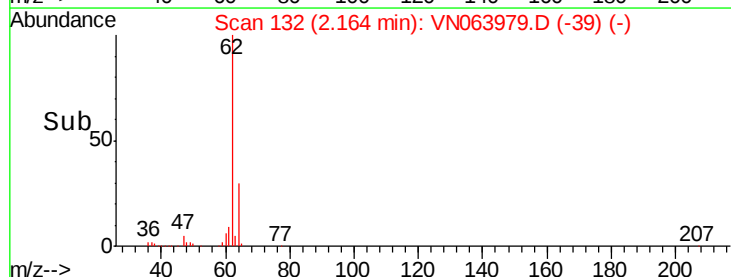
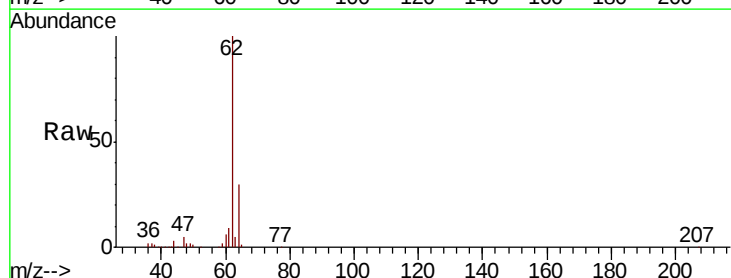
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

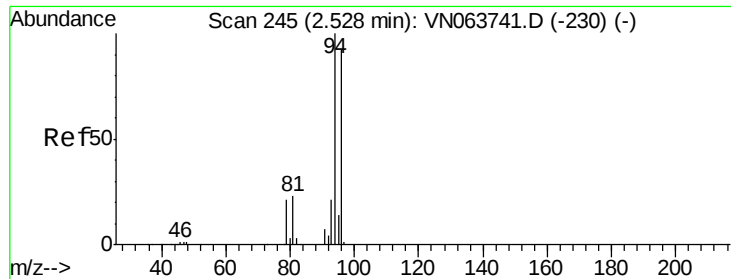
Tot Ion: 50 Resp: 148520
Ion Ratio Lower Upper
50 100
52 31.9 25.8 38.8



#4
Vinyl Chloride
Concen: 45.862 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion: 62 Resp: 156099
Ion Ratio Lower Upper
62 100
64 30.3 25.6 38.4





#5

Bromomethane

Concen: 28.792 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

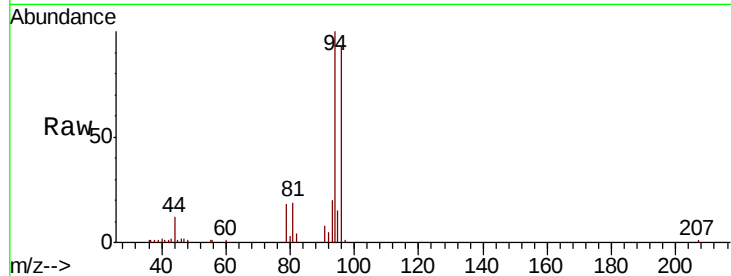
VSTDCCC050EC

Tot Ion: 94 Resp: 61641

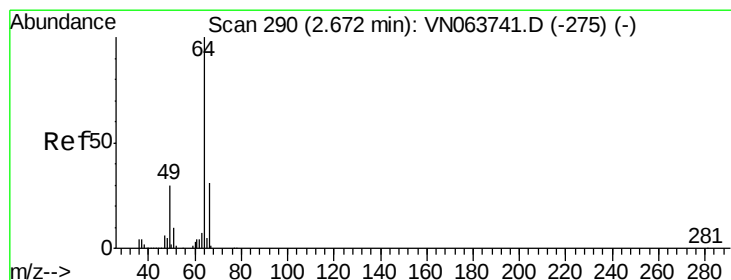
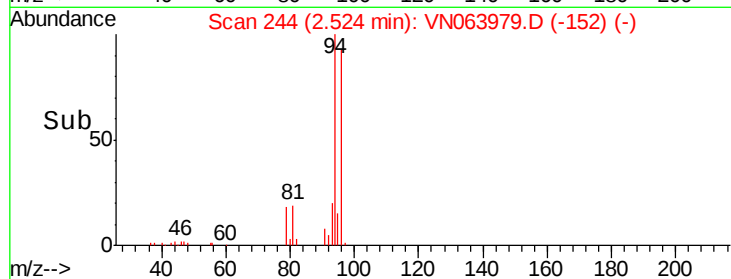
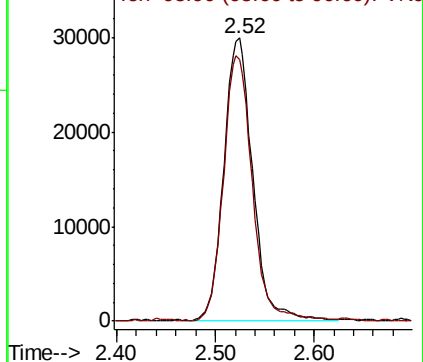
Ion Ratio Lower Upper

94 100

96 92.5 73.3 109.9



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



#6

Chloroethane

Concen: 50.120 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063979.D

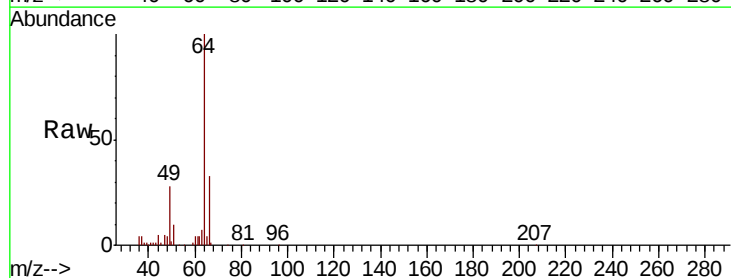
Acq: 8 Oct 2020 7:17

Tgt Ion: 64 Resp: 101936

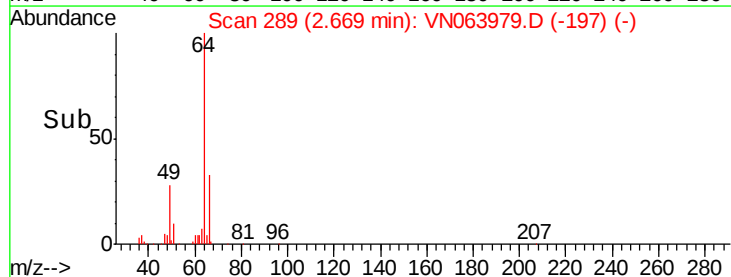
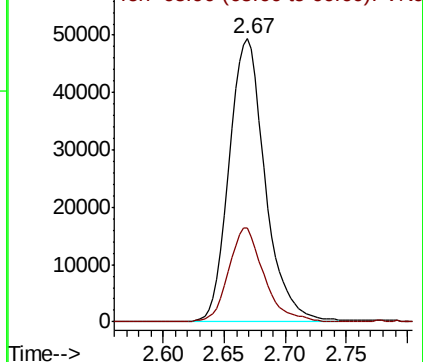
Ion Ratio Lower Upper

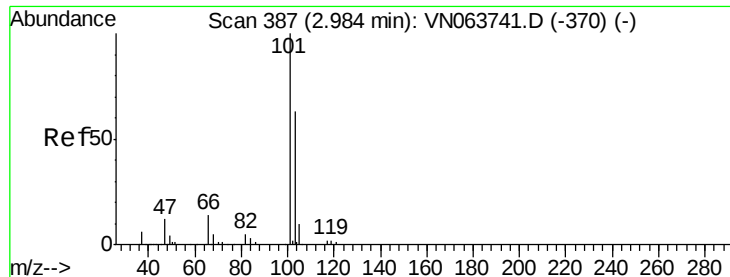
64 100

66 33.0 25.1 37.7



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



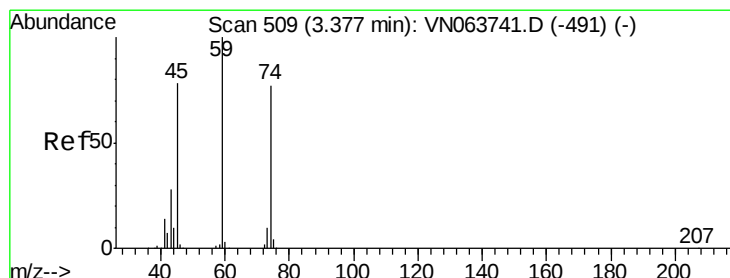
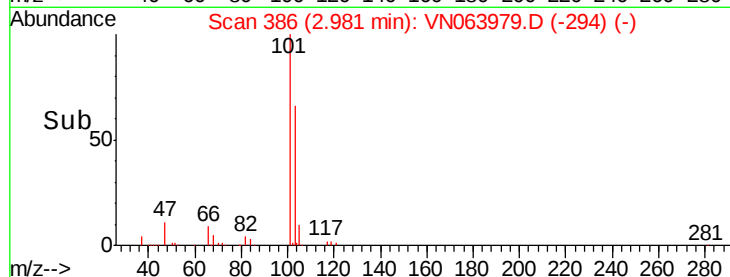
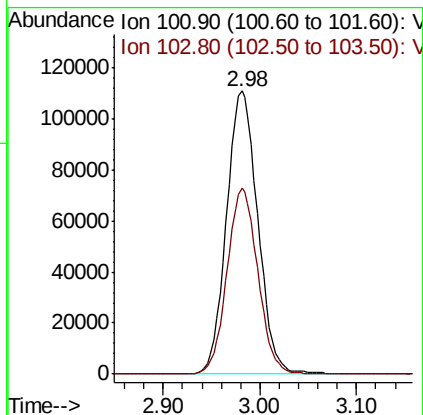
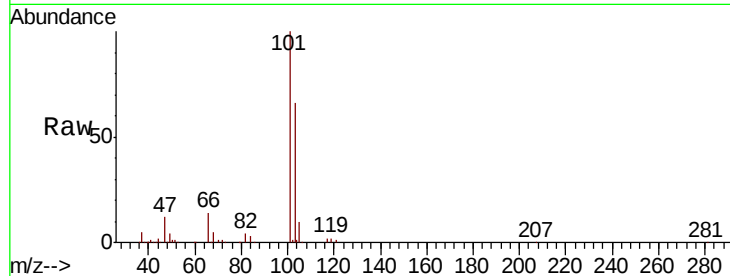


#7

Trichlorofluoromethane
 Concen: 46.078 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

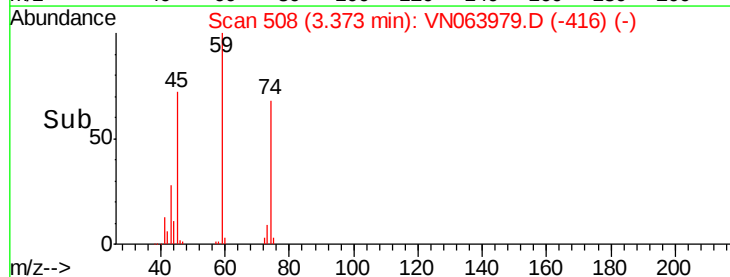
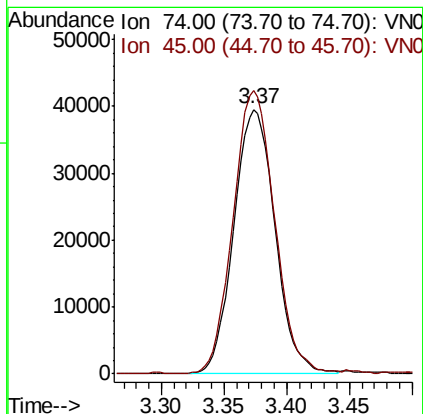
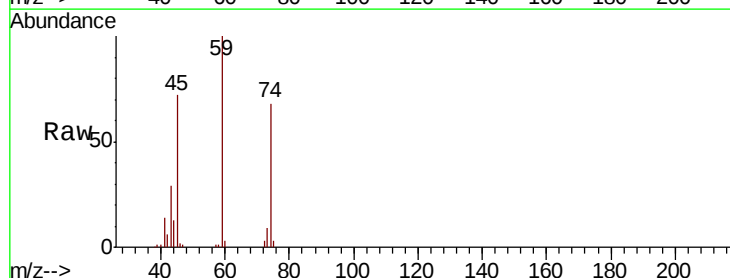
Tot Ion:101 Resp: 248735
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.7 76.1

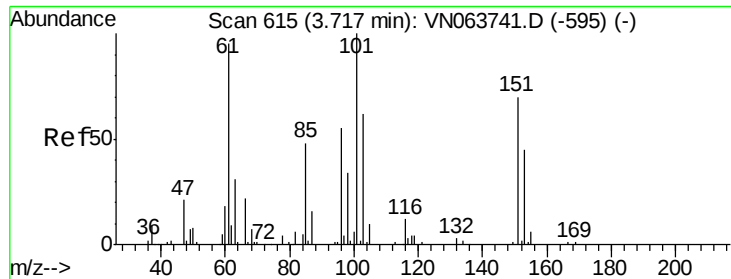


#8

Diethyl Ether
 Concen: 49.524 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion: 74 Resp: 90413
 Ion Ratio Lower Upper
 74 100
 45 108.2 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.600 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

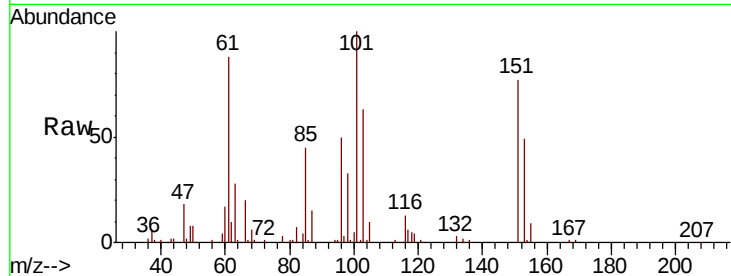
Tot Ion:101 Resp: 134453

Ion Ratio Lower Upper

101 100

85 48.6 38.6 58.0

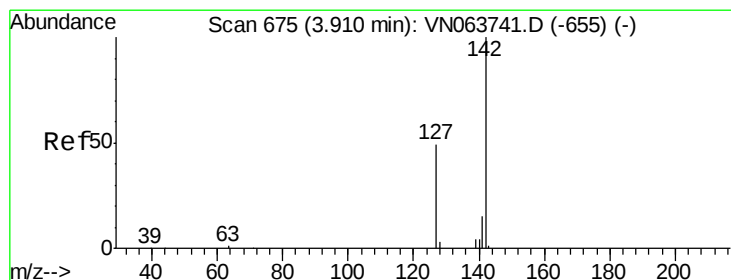
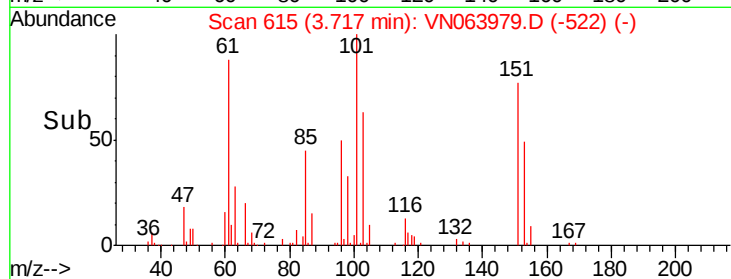
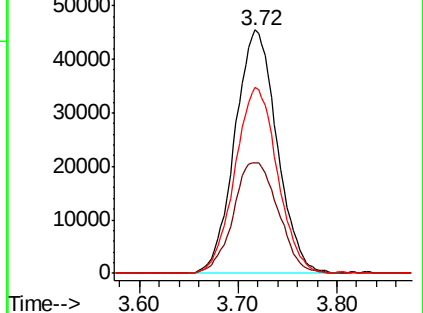
151 76.8 58.7 88.1



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: 30.956 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

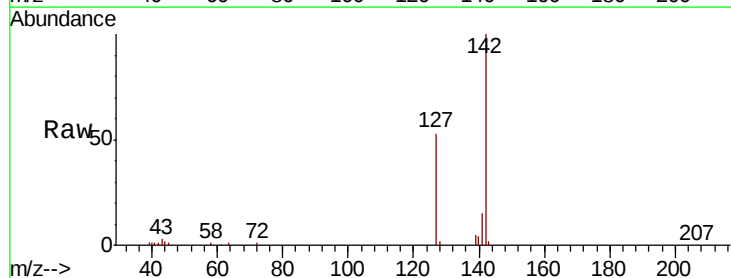
Tgt Ion:142 Resp: 103703

Ion Ratio Lower Upper

142 100

127 51.1 40.5 60.7

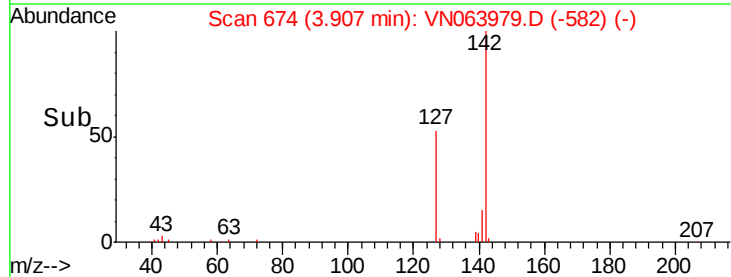
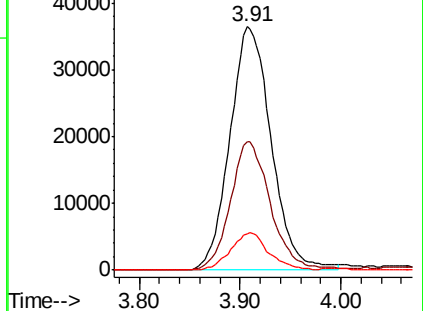
141 14.1 11.7 17.5

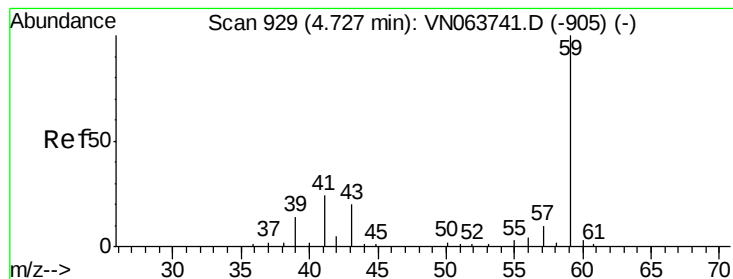


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



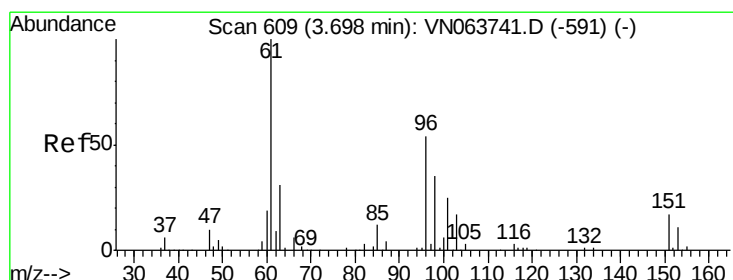
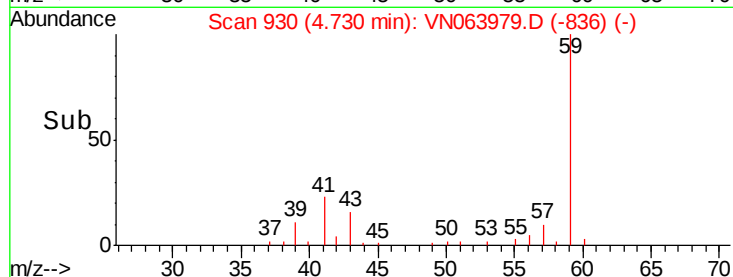
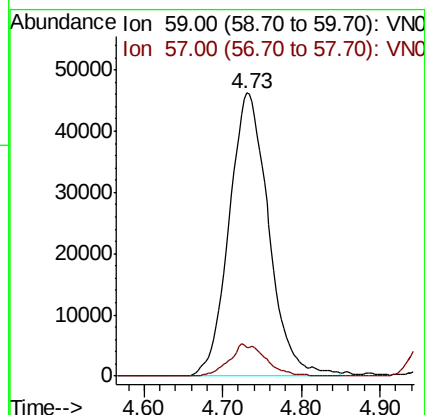
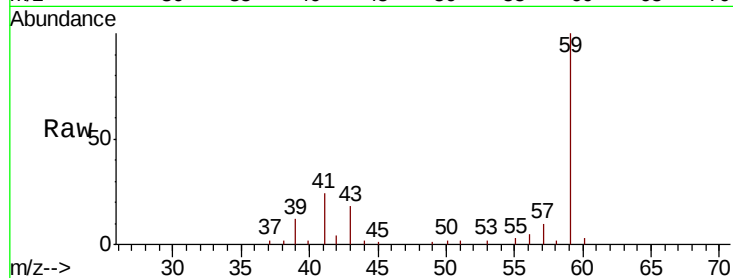


#11

Tert butyl alcohol
Concen: 324.351 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

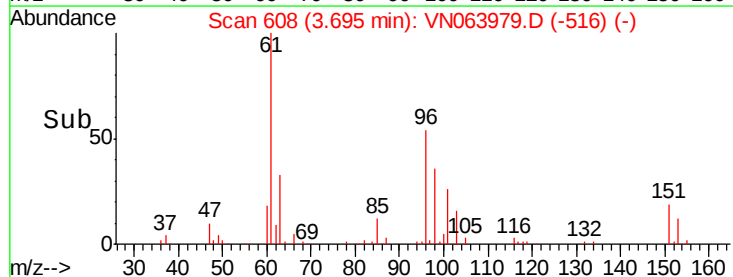
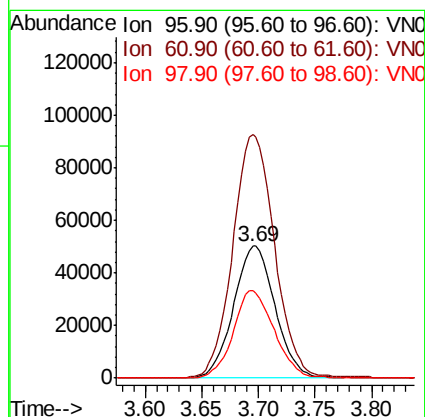
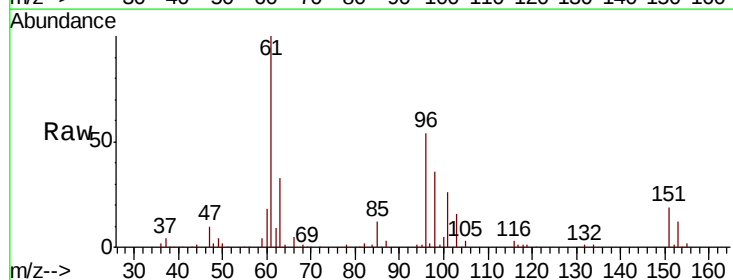
Tot Ion: 59 Resp: 162021
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

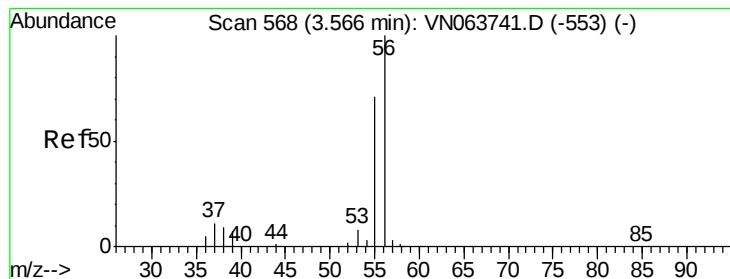


#12

1,1-Dichloroethene
Concen: 46.386 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion: 96 Resp: 127926
Ion Ratio Lower Upper
96 100
61 183.2 147.7 221.5
98 66.0 51.9 77.9





#13

Acrolein

Concen: 195.163 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

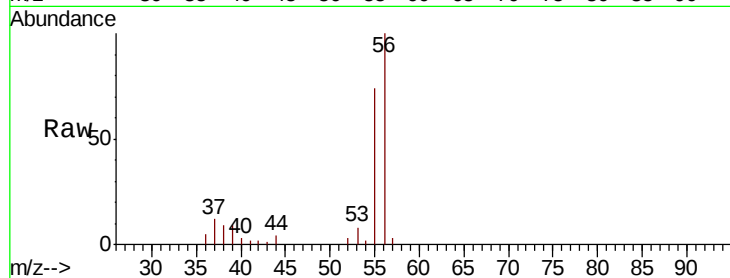
VSTDCCC050EC

Tot Ion: 56 Resp: 59833

Ion Ratio Lower Upper

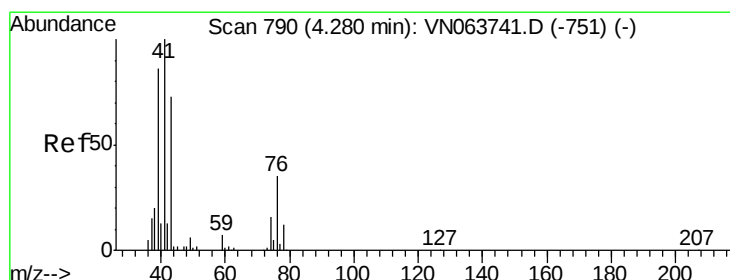
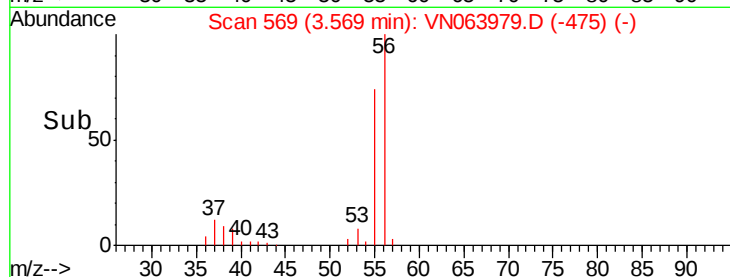
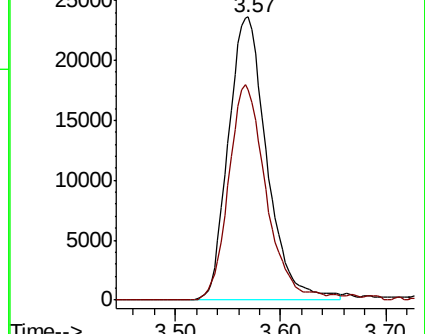
56 100

55 72.7 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 51.070 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

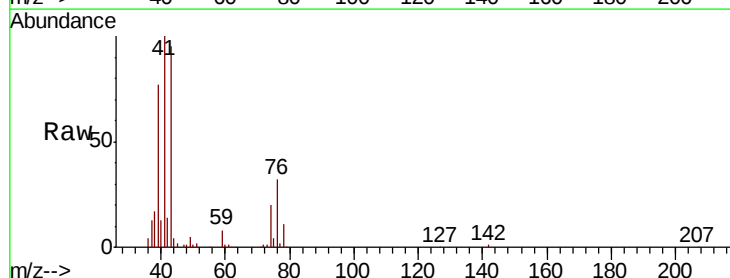
Tgt Ion: 41 Resp: 261659

Ion Ratio Lower Upper

41 100

39 71.7 64.5 96.7

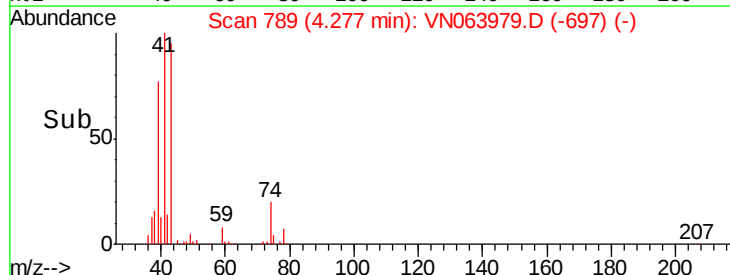
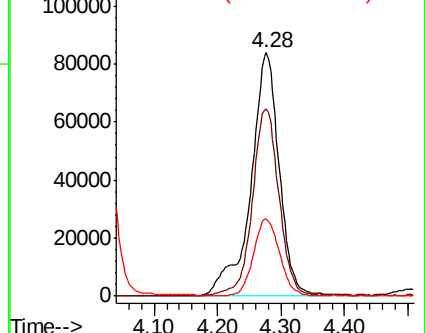
76 28.4 25.9 38.9

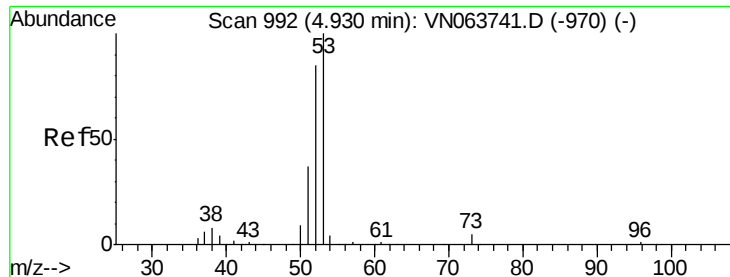


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 295.474 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

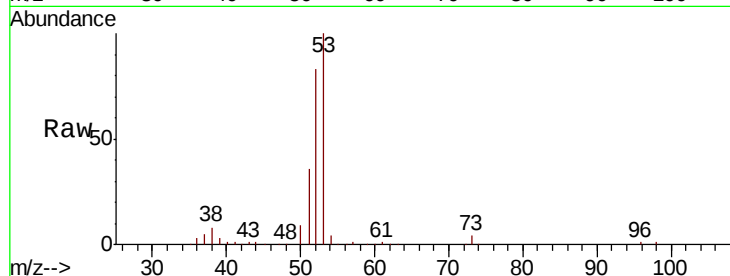
Tot Ion: 53 Resp: 422486

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

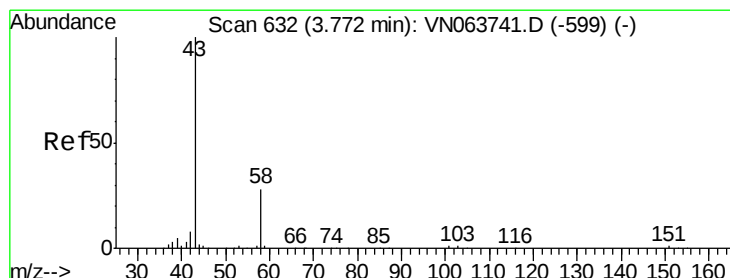
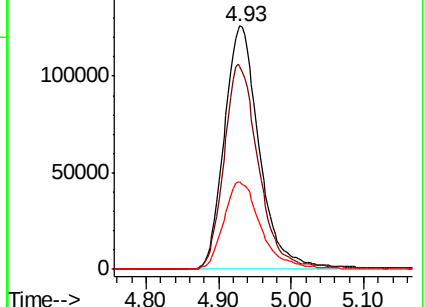
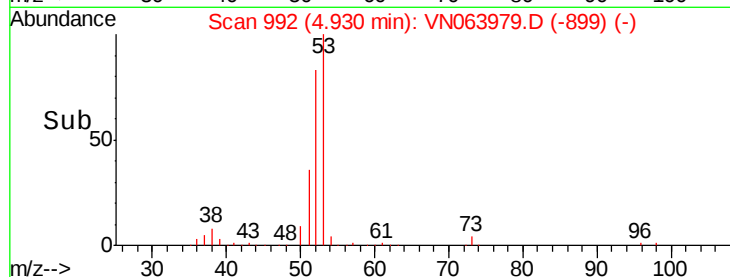
51 38.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063979.D (-539) (-)

Ion 52.00 (51.70 to 52.70): VN063979.D (-539) (-)

Ion 51.00 (50.70 to 51.70): VN063979.D (-539) (-)



#16

Acetone

Concen: 289.490 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063979.D

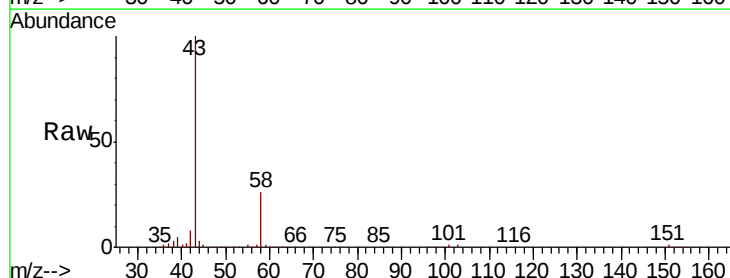
Acq: 8 Oct 2020 7:17

Tgt Ion: 43 Resp: 403201

Ion Ratio Lower Upper

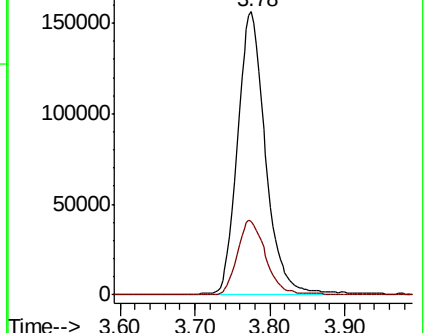
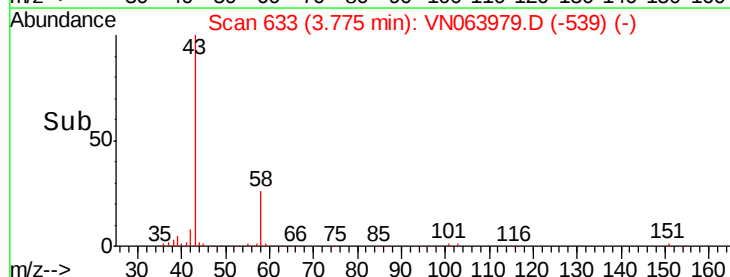
43 100

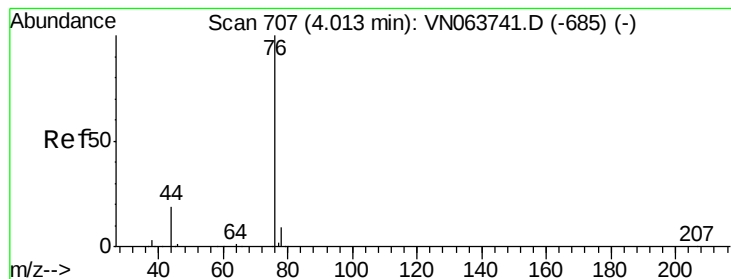
58 25.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063979.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063979.D (-539) (-)





#17

Carbon Disulfide

Concen: 46.225 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

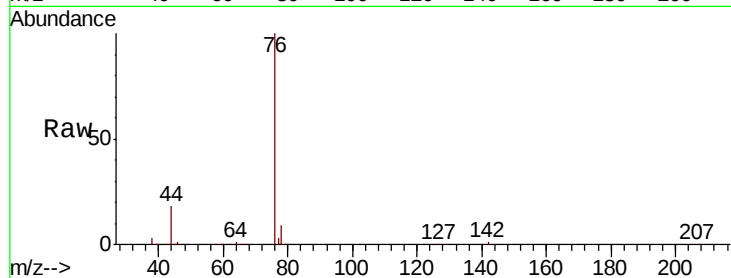
VSTDCCC050EC

Tot Ion: 76 Resp: 344157

Ion Ratio Lower Upper

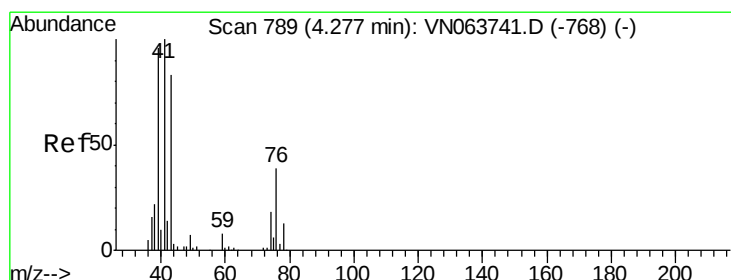
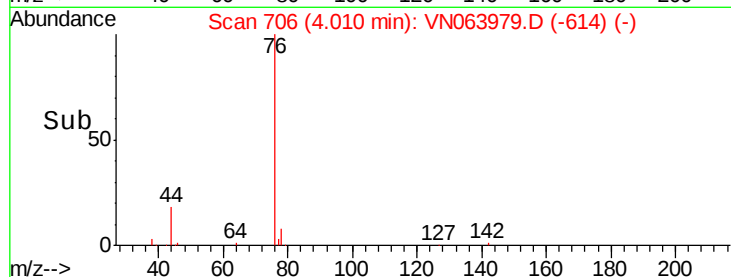
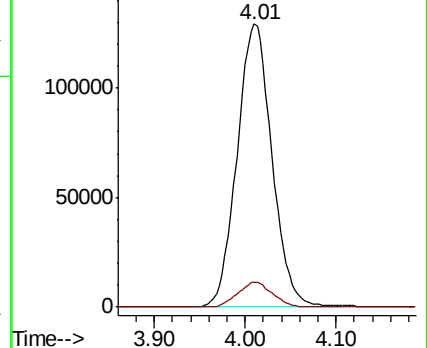
76 100

78 8.7 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN063979.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063979.D (-685) (-)



#18

Methyl Acetate

Concen: 62.147 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063979.D

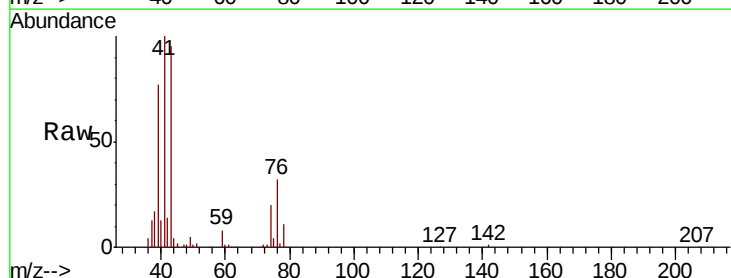
Acq: 8 Oct 2020 7:17

Tgt Ion: 43 Resp: 224738

Ion Ratio Lower Upper

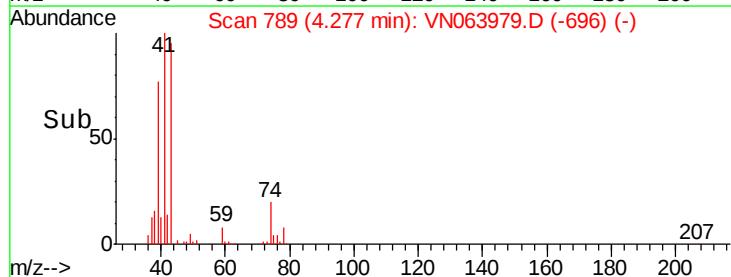
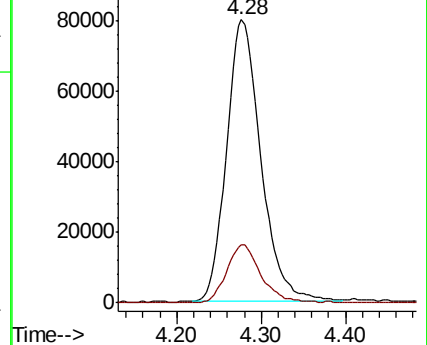
43 100

74 20.6 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063979.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063979.D (-696) (-)

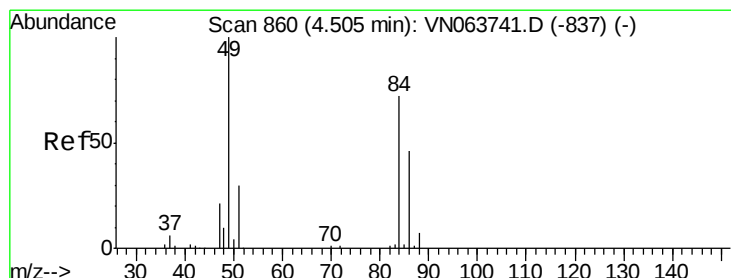
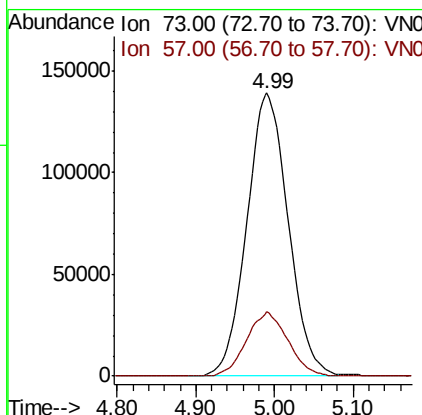
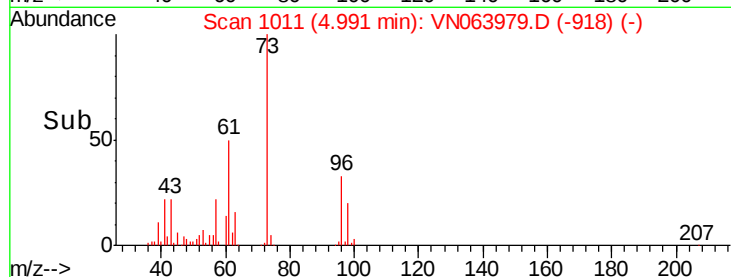
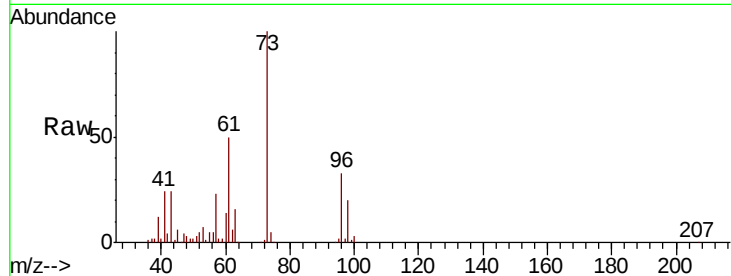




#19
Methyl tert-butyl Ether
Concen: 51.439 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

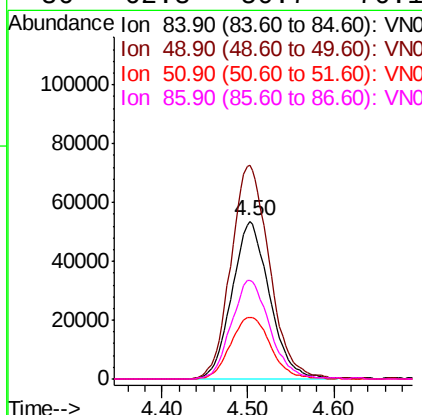
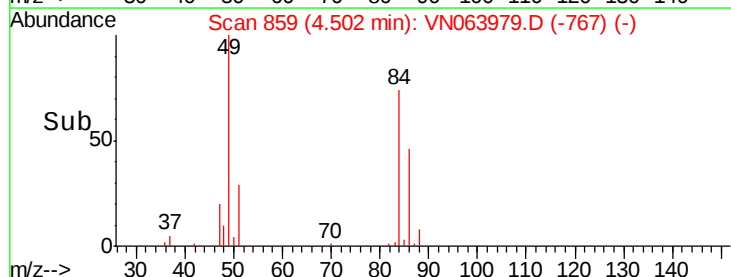
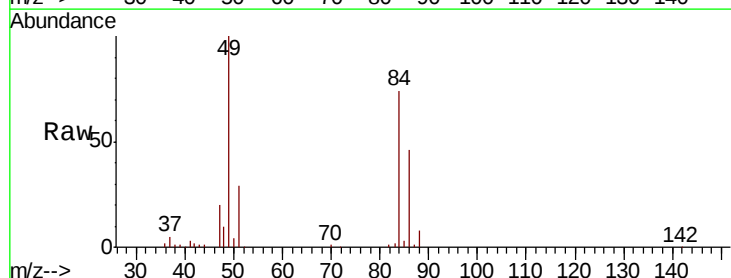
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

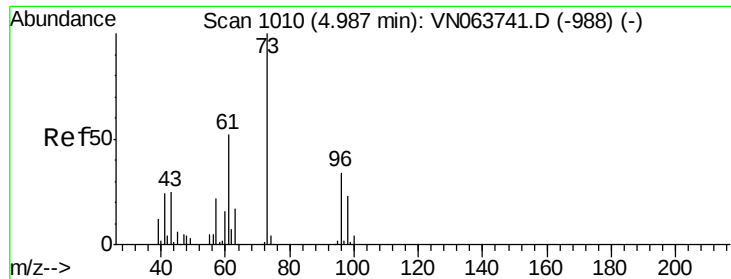
Tot Ion: 73 Resp: 515391
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4



#20
Methylene Chloride
Concen: 51.028 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion: 84 Resp: 162796
Ion Ratio Lower Upper
84 100
49 134.9 110.4 165.6
51 38.9 33.3 49.9
86 62.8 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 47.647 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

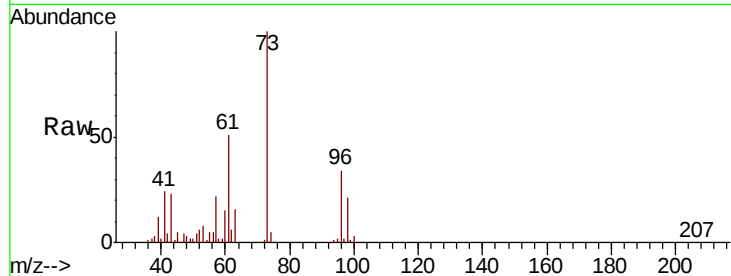
Tot Ion: 96 Resp: 147184

Ion Ratio Lower Upper

96 100

61 151.6 120.2 180.2

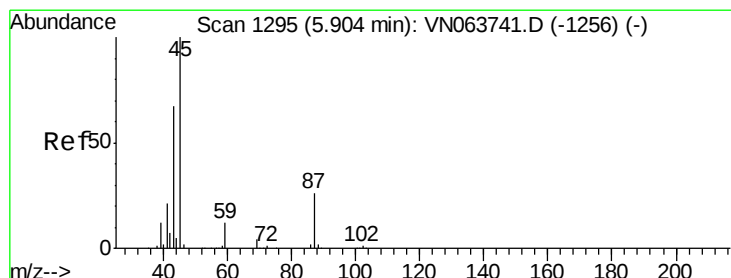
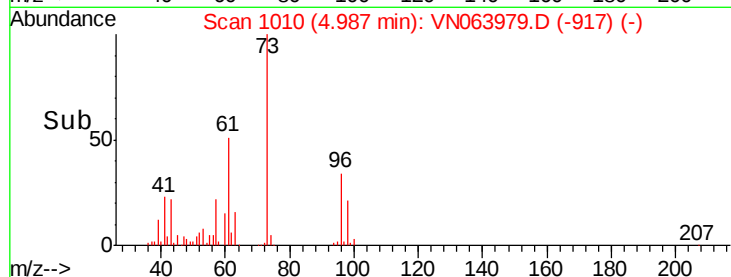
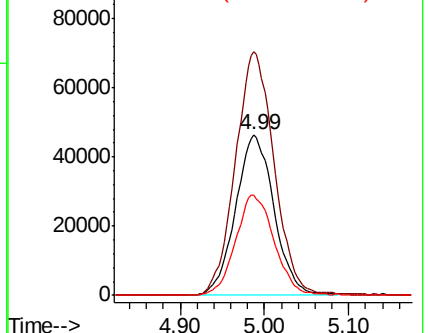
98 62.2 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VN063979.D (-1218) (-)

Ion 60.90 (60.60 to 61.60): VN063979.D (-1219) (-)

Ion 97.90 (97.60 to 98.60): VN063979.D (-1220) (-)



#22

Diisopropyl ether

Concen: 56.199 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Tgt Ion: 45 Resp: 592406

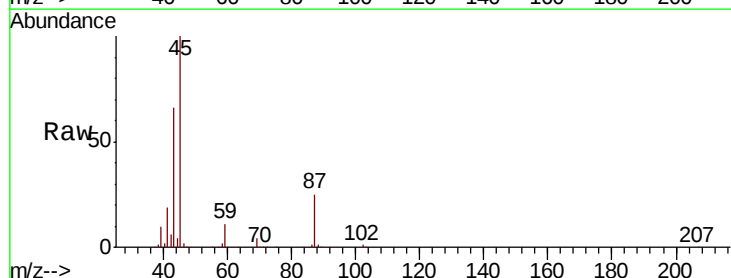
Ion Ratio Lower Upper

45 100

43 65.3 53.7 80.5

87 24.6 21.1 31.7

59 10.4 9.2 13.8

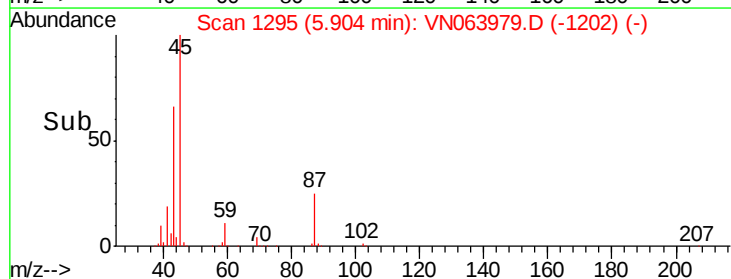
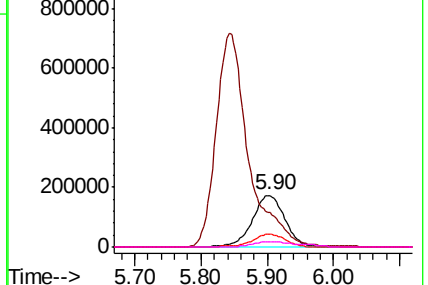


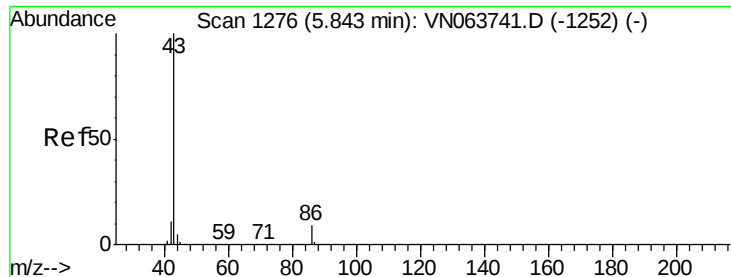
Abundance Ion 45.00 (44.70 to 45.70): VN063979.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN063979.D (-1203) (-)

Ion 87.00 (86.70 to 87.70): VN063979.D (-1204) (-)

Ion 59.00 (58.70 to 59.70): VN063979.D (-1205) (-)

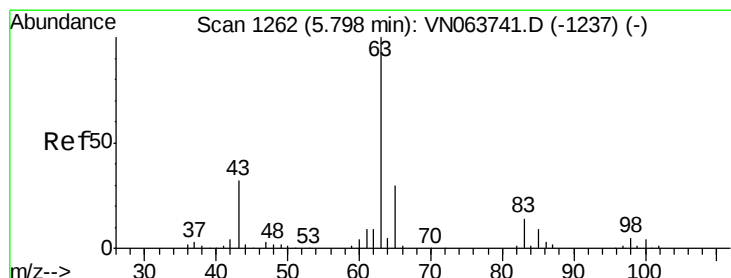
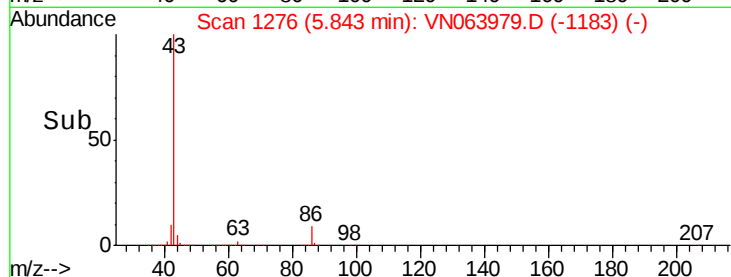
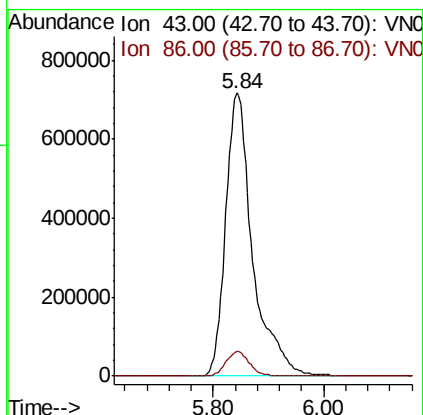
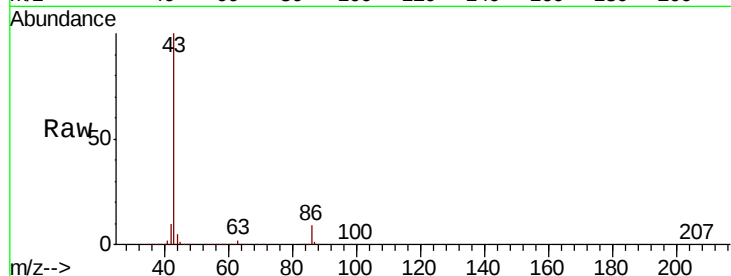




#23
 Vinyl Acetate
 Concen: 278.839 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

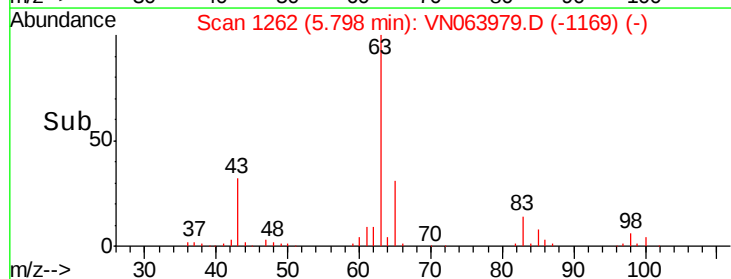
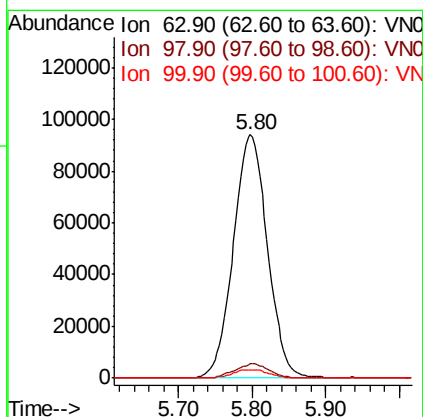
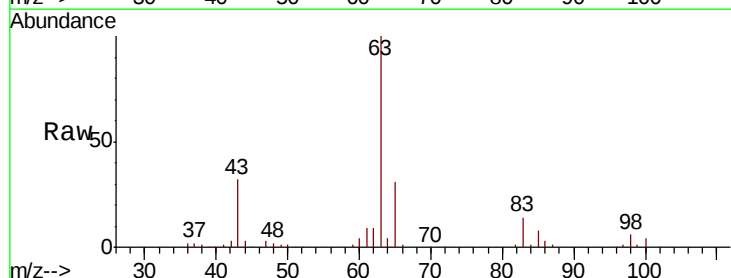
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

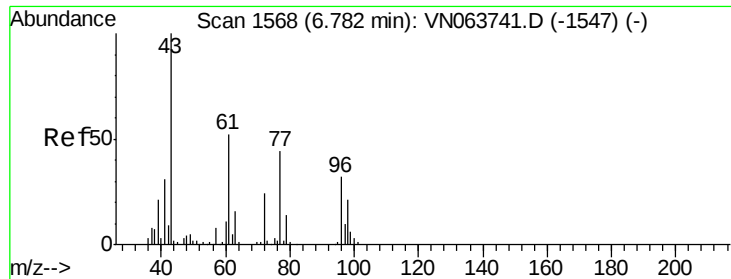
Tot Ion: 43 Resp: 2434815
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 50.270 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion: 63 Resp: 302990
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.7 8.1
 100 3.6 1.9 5.7

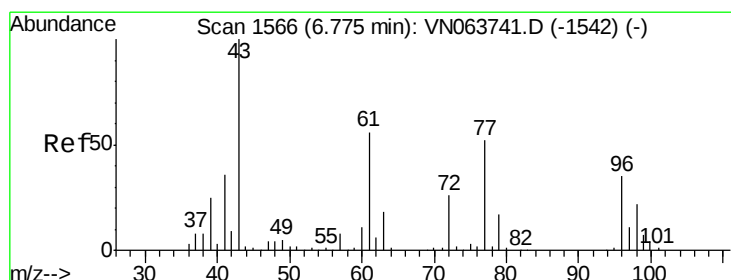
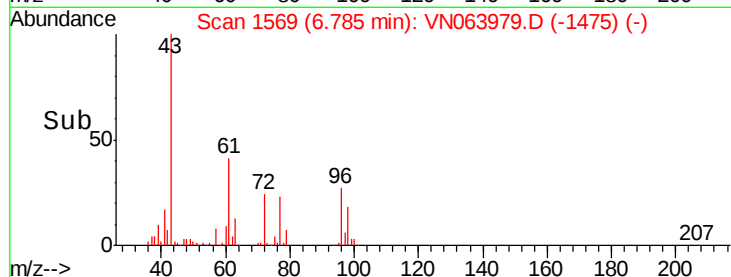
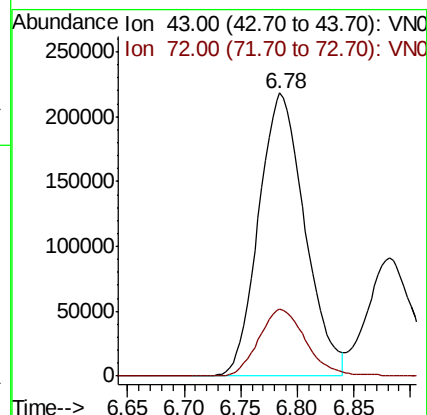
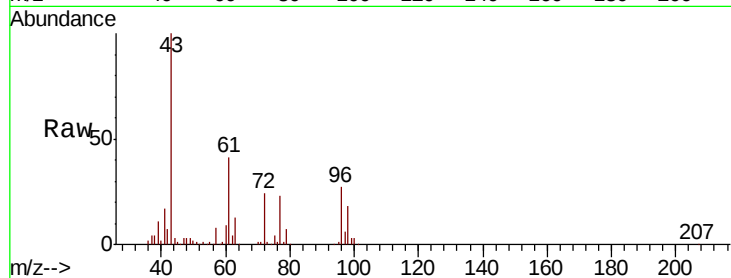




#25
 2-Butanone
 Concen: 311.592 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

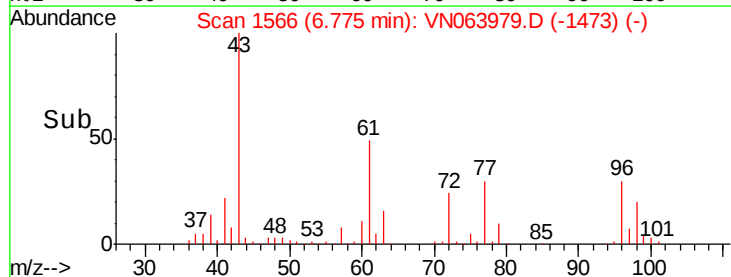
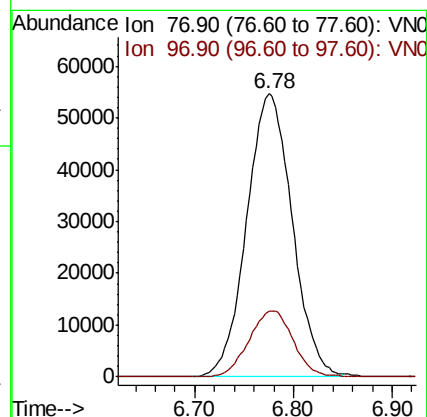
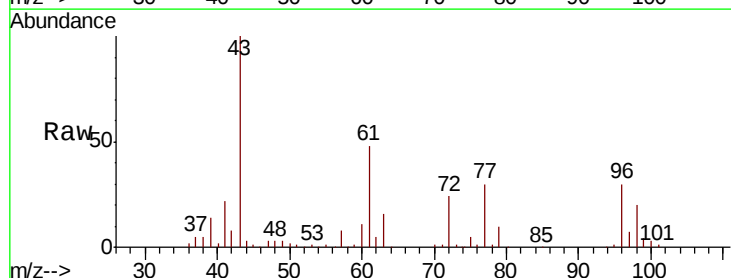
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

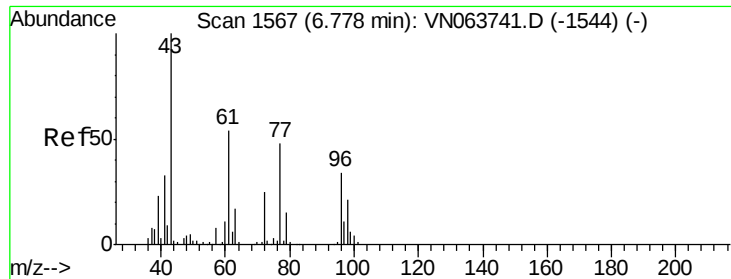
Tot Ion: 43 Resp: 615284
 Ion Ratio Lower Upper
 43 100
 72 23.8 19.3 28.9



#26
 2,2-Dichloropropane
 Concen: 31.621 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion: 77 Resp: 174532
 Ion Ratio Lower Upper
 77 100
 97 22.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.389 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

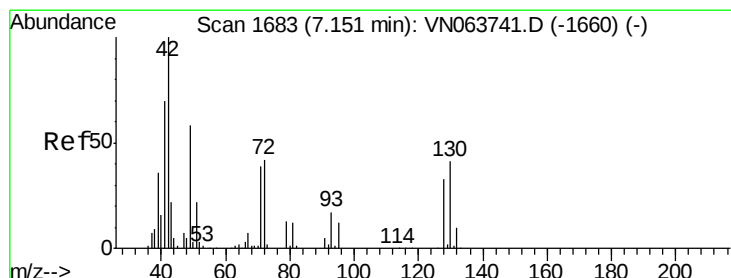
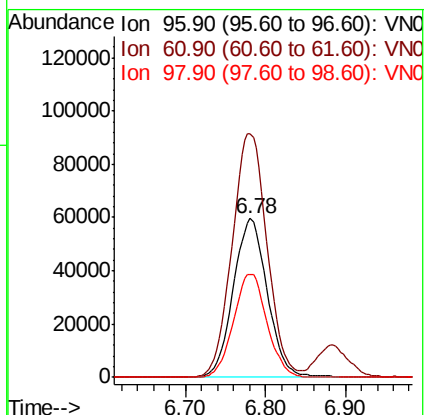
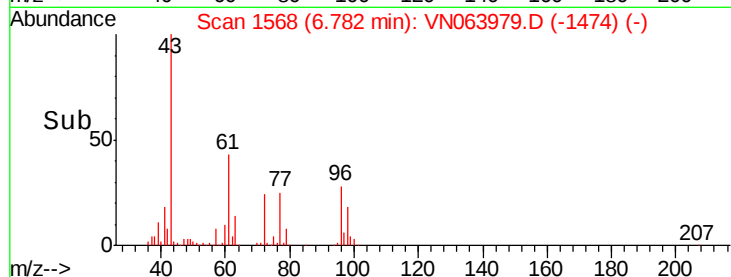
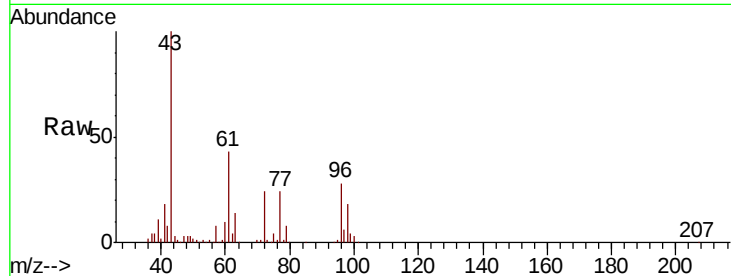
Tot Ion: 96 Resp: 171909

Ion Ratio Lower Upper

96 100

61 156.8 0.0 321.2

98 63.8 0.0 124.4



#28

Bromochloromethane

Concen: 53.195 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

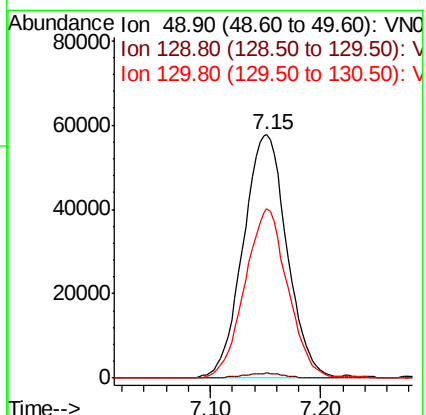
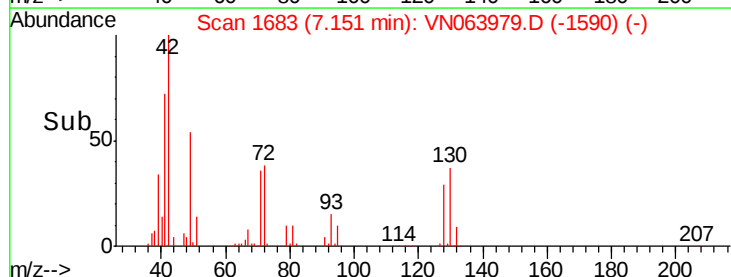
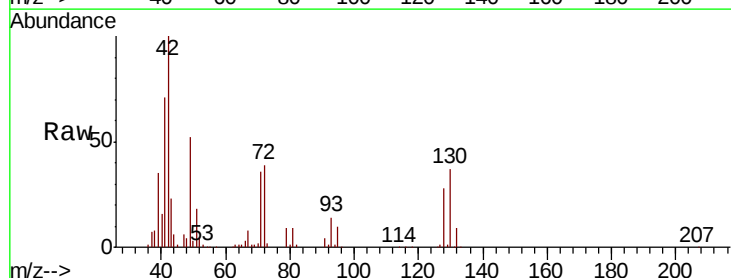
Tgt Ion: 49 Resp: 158466

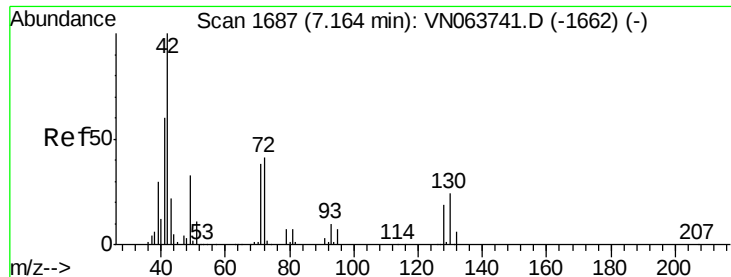
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.8

130 68.0 55.6 83.4





#29

Tetrahydrofuran

Concen: 319.089 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

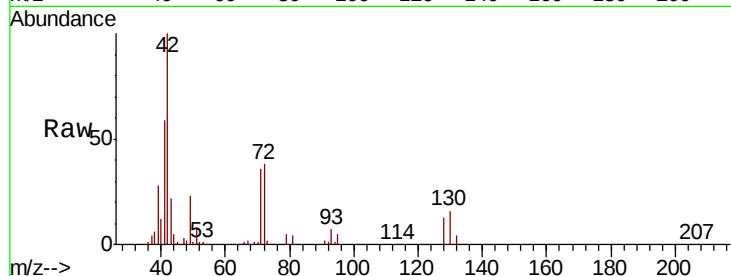
Tot Ion: 42 Resp: 422596

Ion Ratio Lower Upper

42 100

72 38.5 32.8 49.2

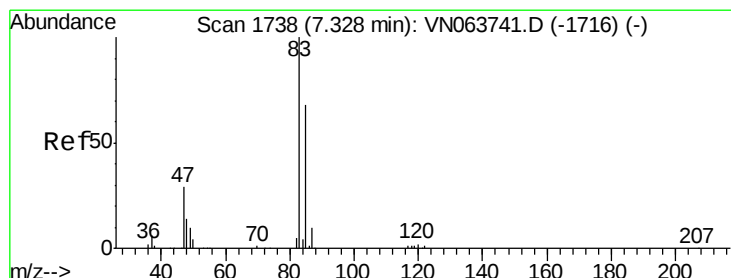
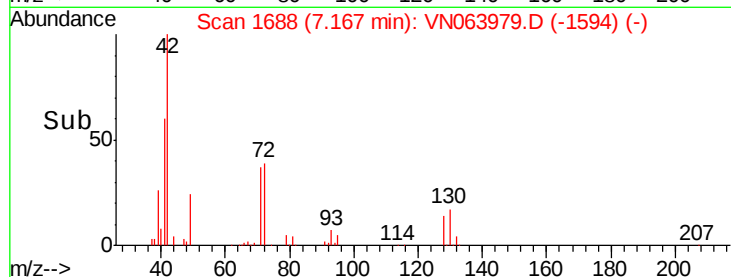
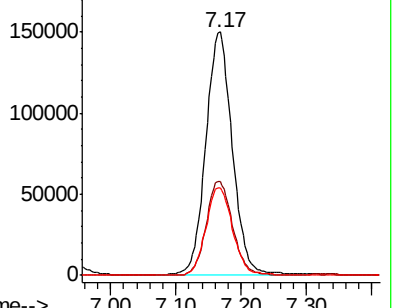
71 36.3 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN063741.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN063741.D (-1662) (-)



#30

Chloroform

Concen: 50.012 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063979.D

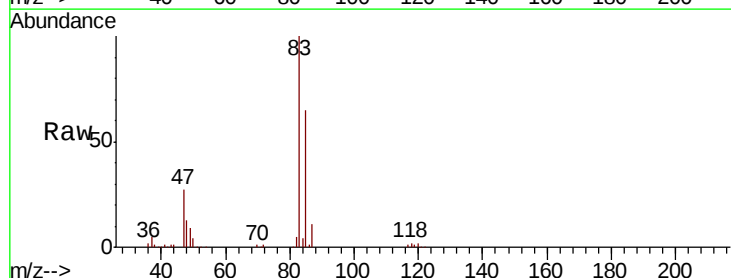
Acq: 8 Oct 2020 7:17

Tgt Ion: 83 Resp: 314299

Ion Ratio Lower Upper

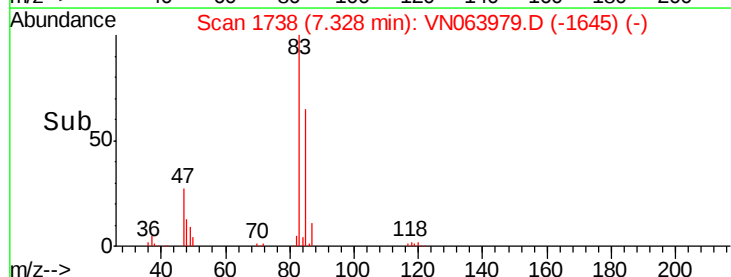
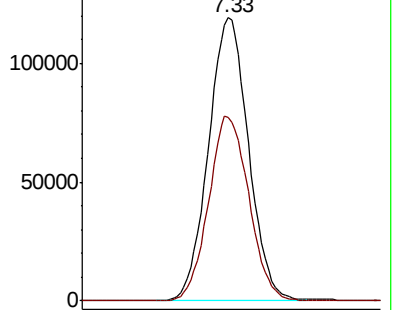
83 100

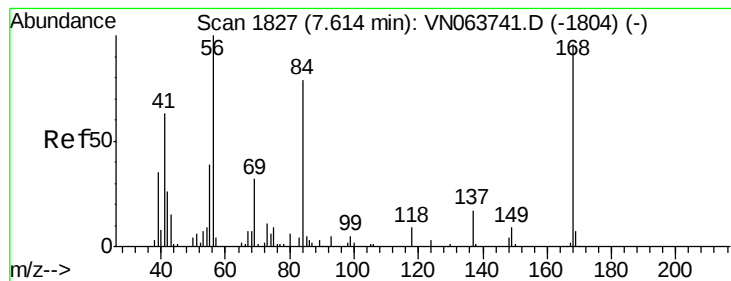
85 65.0 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-1716) (-)





#31

Cyclohexane

Concen: 46.099 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

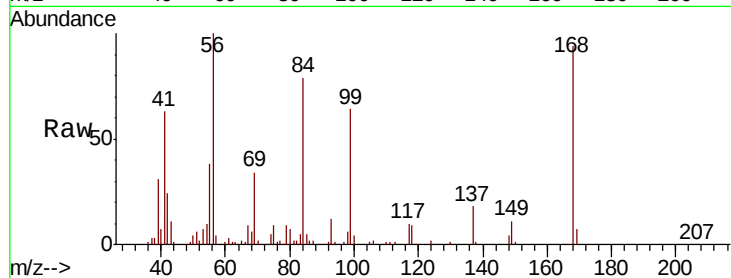
Tot Ion: 56 Resp: 242149

Ion Ratio Lower Upper

56 100

69 34.0 25.4 38.2

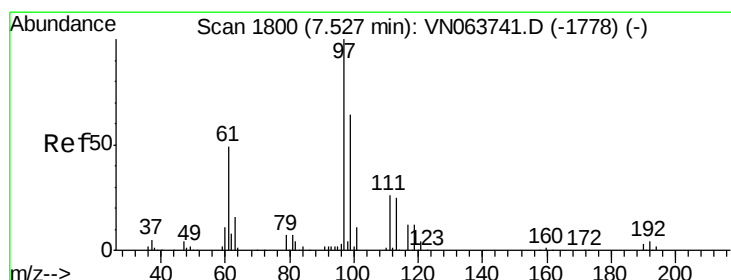
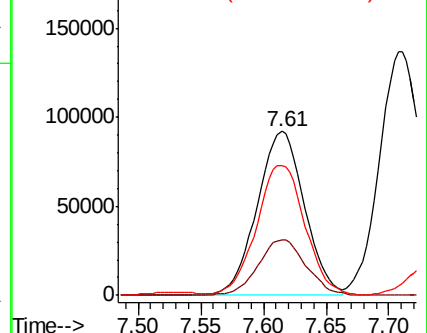
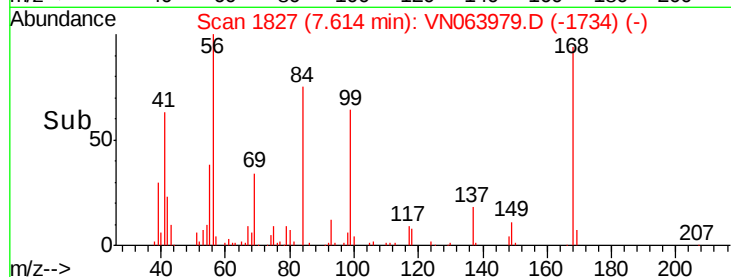
84 77.9 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063979.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063979.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063979.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 49.708 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

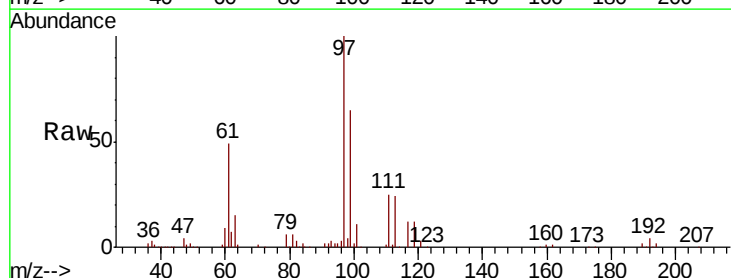
Tgt Ion: 97 Resp: 281768

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.6

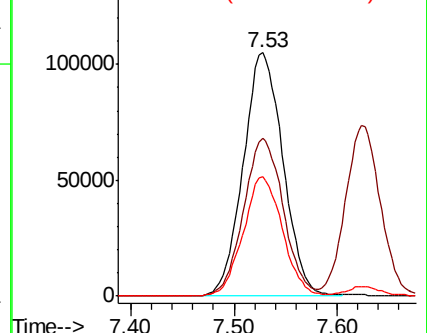
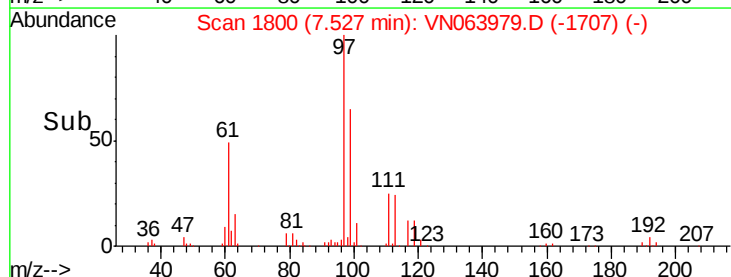
61 48.4 38.7 58.1

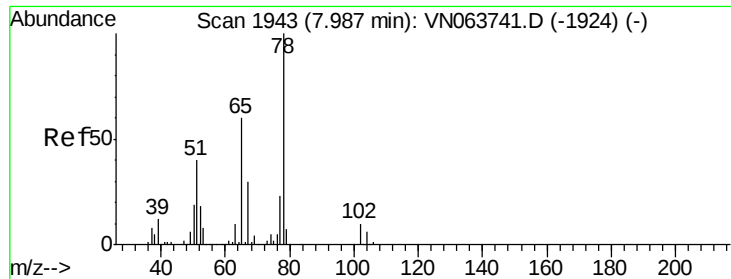


Abundance Ion 96.90 (96.60 to 97.60): VN063979.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063979.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063979.D (-1707) (-)

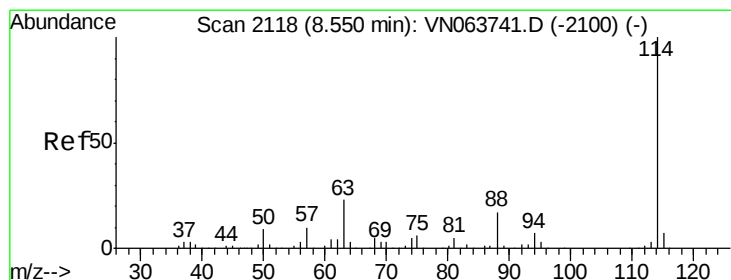
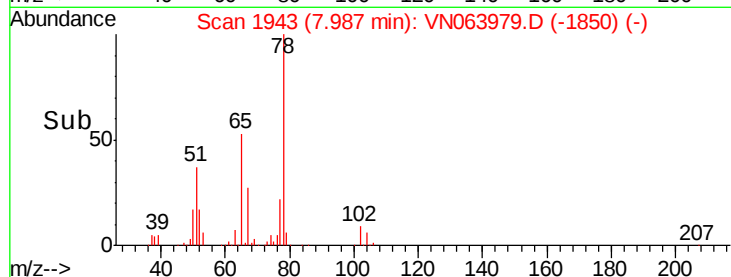
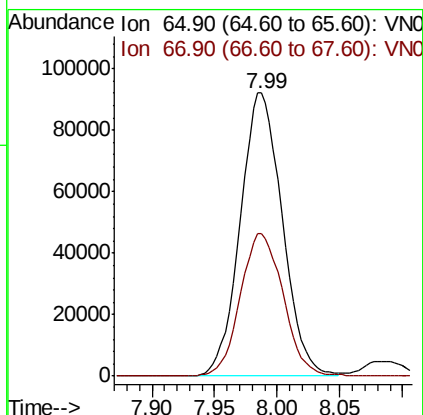
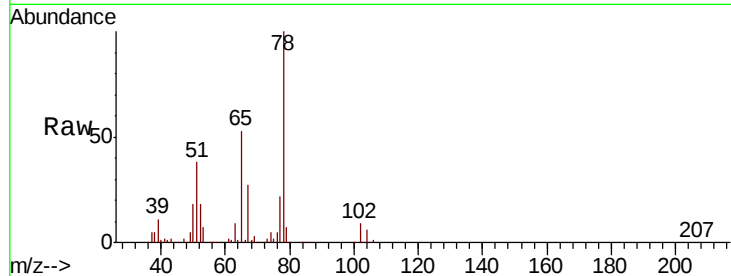




#33
 1,2-Dichloroethane-d4
 Concen: 47.544 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

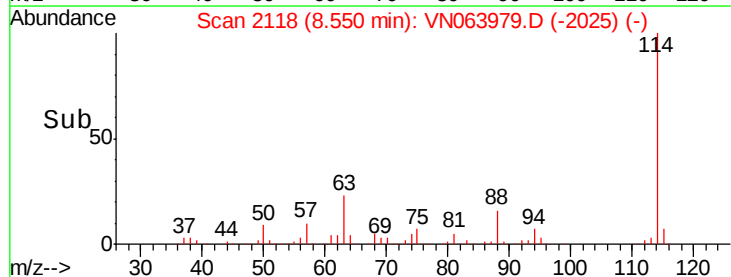
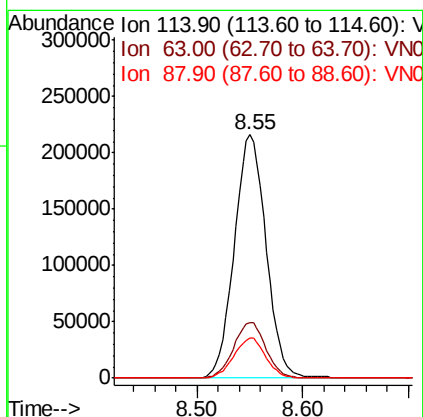
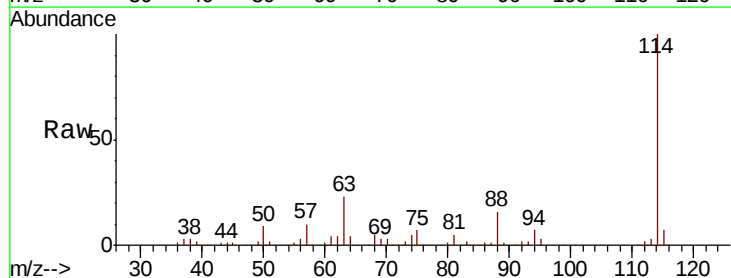
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 215116
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion: 114 Resp: 450487
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 16.3 0.0 34.0

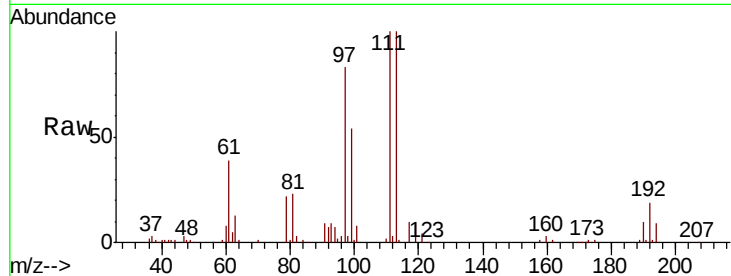




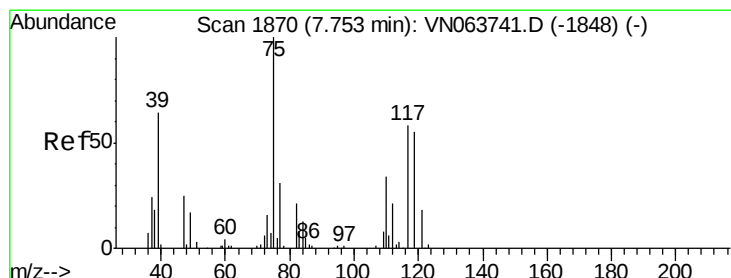
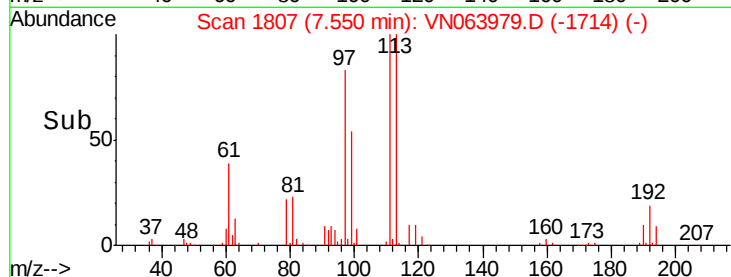
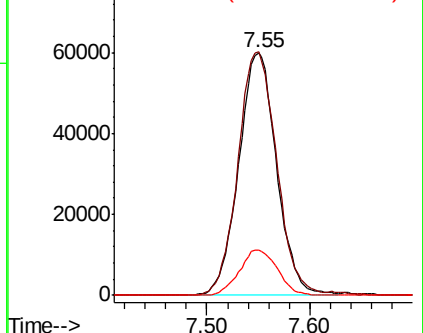
#35
Dibromofluoromethane
Concen: 48.929 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 152942
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 18.8 14.2 21.2

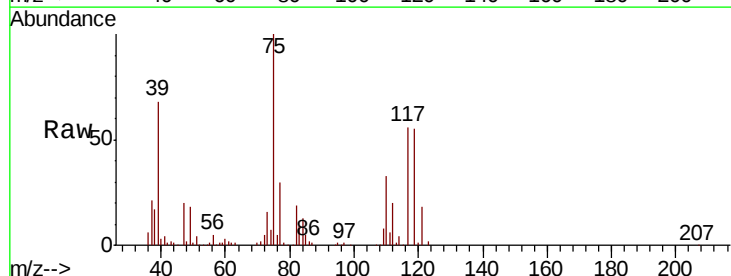


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

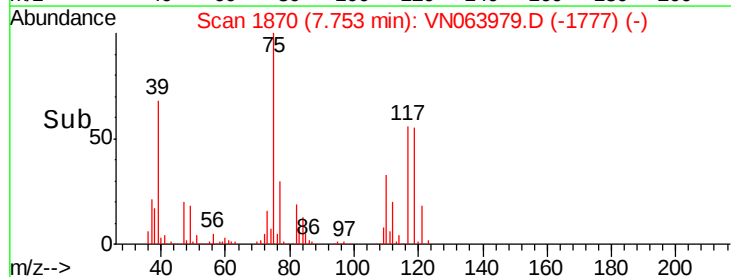
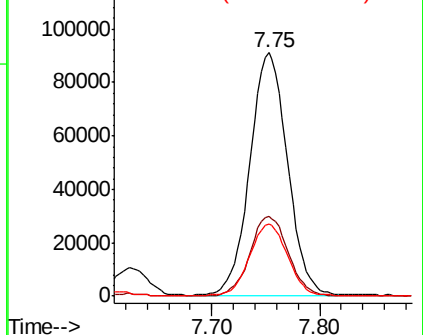


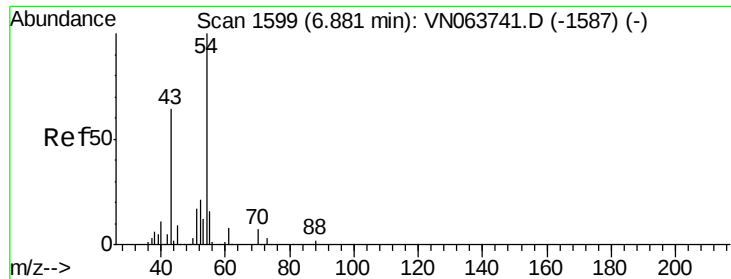
#36
1,1-Dichloropropene
Concen: 48.251 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion: 75 Resp: 220210
Ion Ratio Lower Upper
75 100
110 33.4 16.9 50.6
77 30.2 24.5 36.7



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

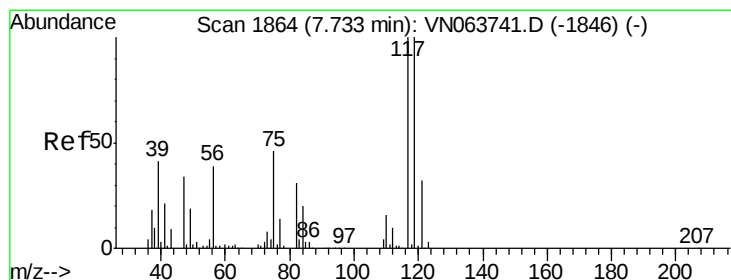
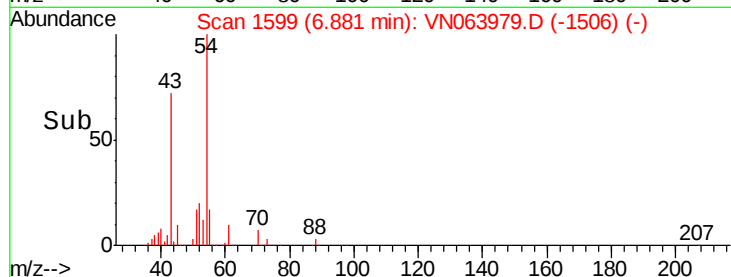
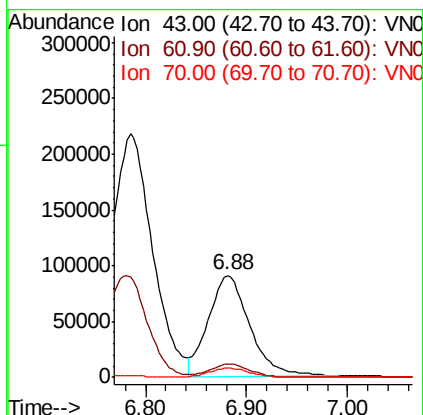
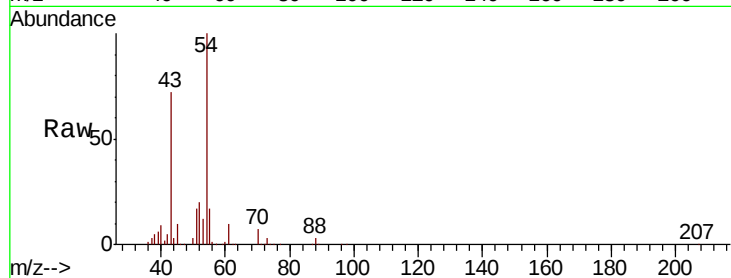




#37
Ethyl Acetate
Concen: 56.460 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

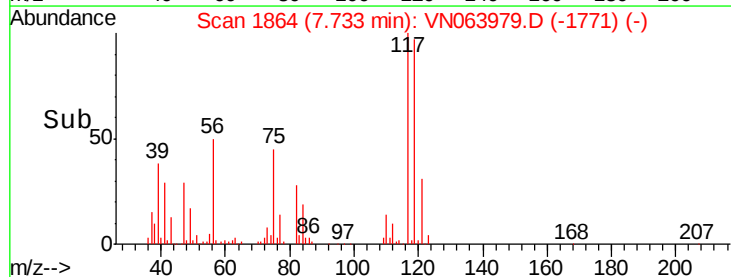
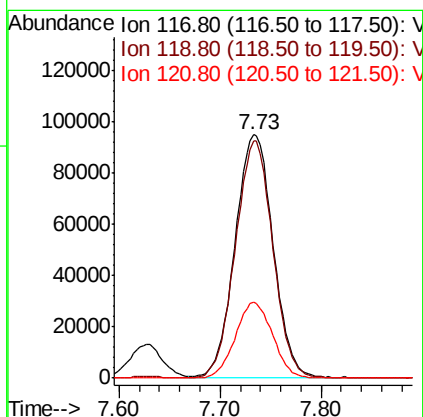
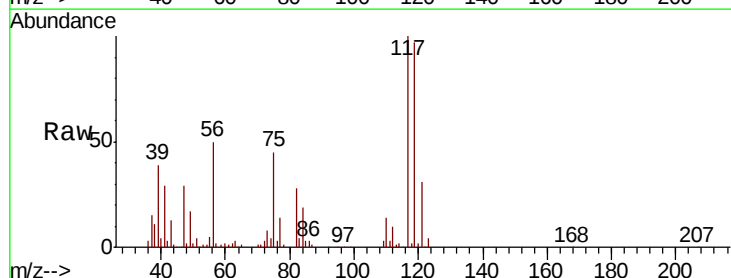
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

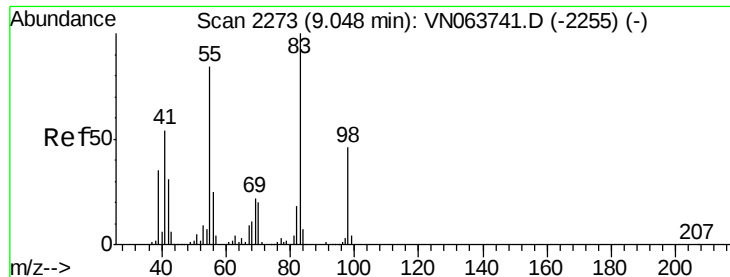
Tot Ion: 43 Resp: 256006
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 8.8 7.3 10.9



#38
Carbon Tetrachloride
Concen: 48.194 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion: 117 Resp: 246642
Ion Ratio Lower Upper
117 100
119 97.8 80.1 120.1
121 31.3 25.7 38.5

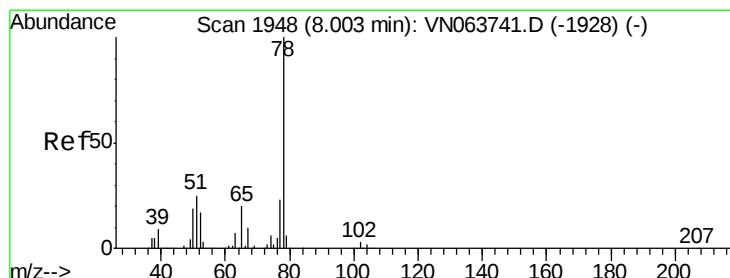
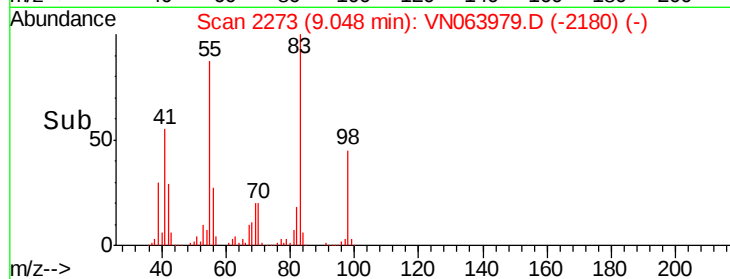
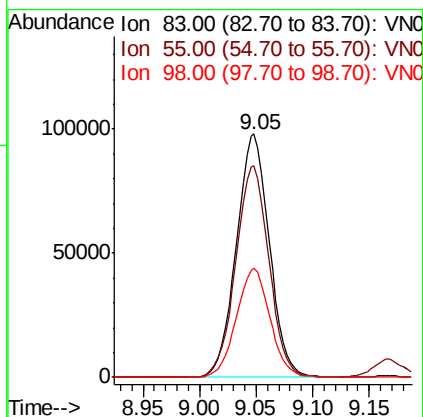
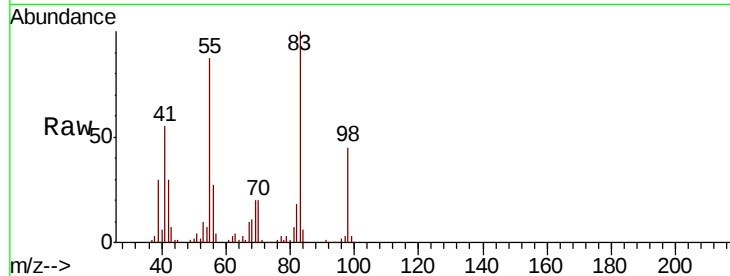




#39
Methvlcvclohexane
Concen: 43.860 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

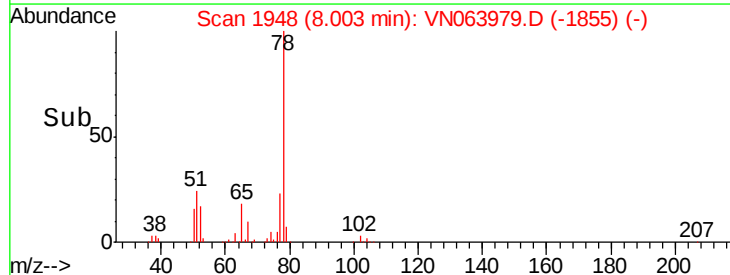
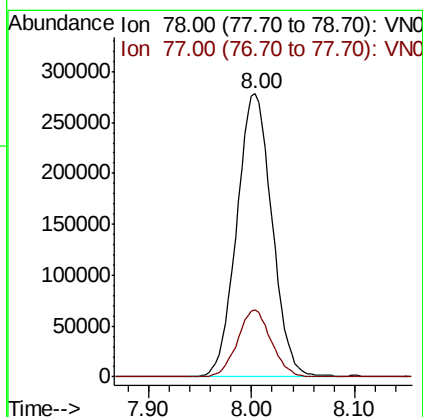
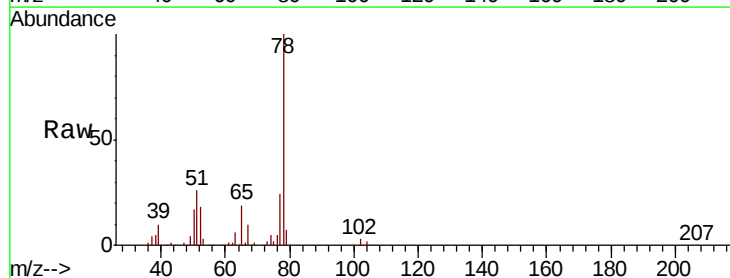
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

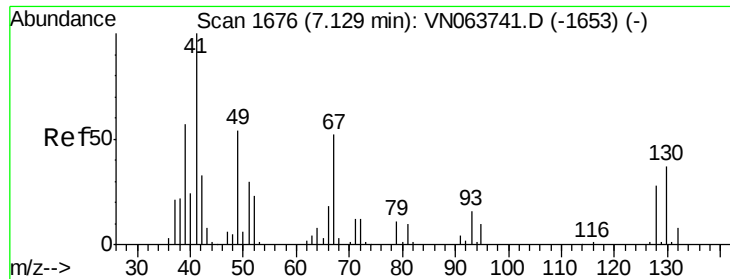
Tot Ion: 83 Resp: 199620
Ion Ratio Lower Upper
83 100
55 86.7 67.1 100.7
98 44.9 36.6 54.8



#40
Benzene
Concen: 50.647 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion: 78 Resp: 660215
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1

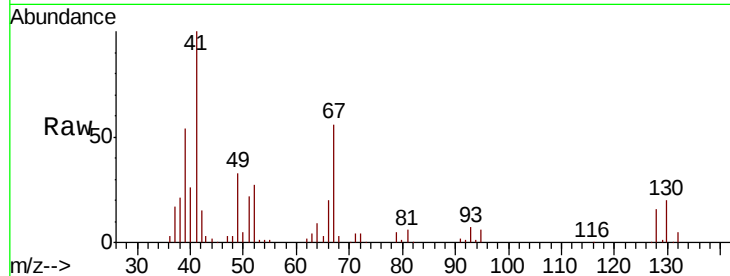




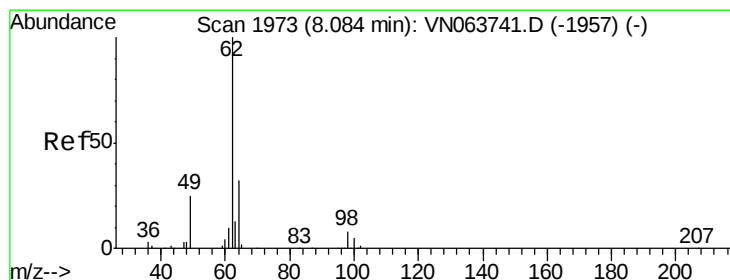
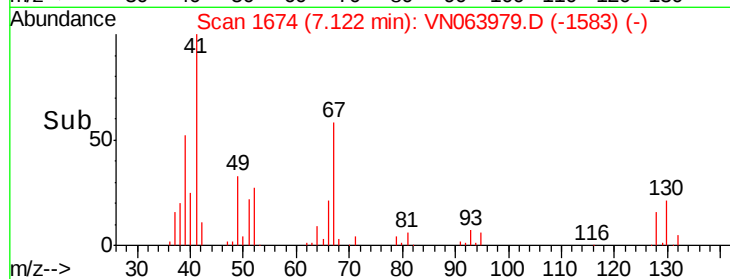
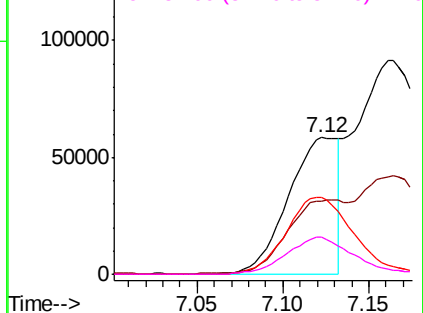
#41
Methacrylonitrile
Concen: 58.104 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	117092
Ion	Ratio	Lower	Upper
41	100		
39	64.0	42.5	63.7#
67	77.7	57.4	86.2
52	36.0	26.9	40.3

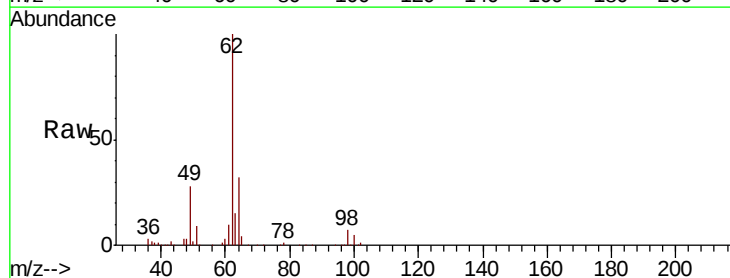


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

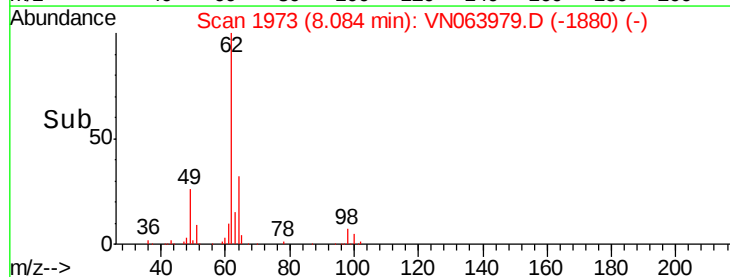
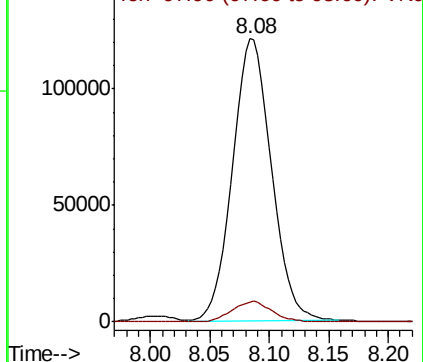


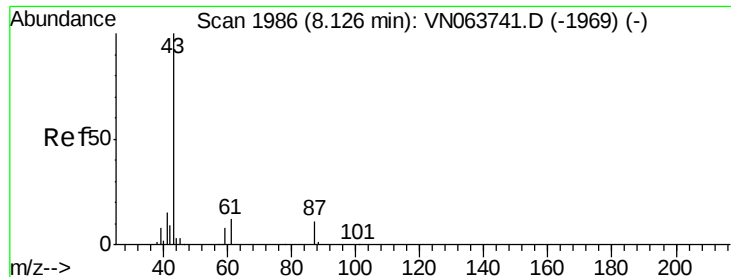
#42
1,2-Dichloroethane
Concen: 49.347 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion:	62	Resp:	274587
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.0



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

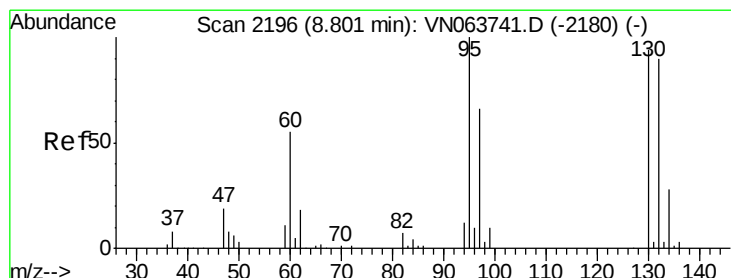
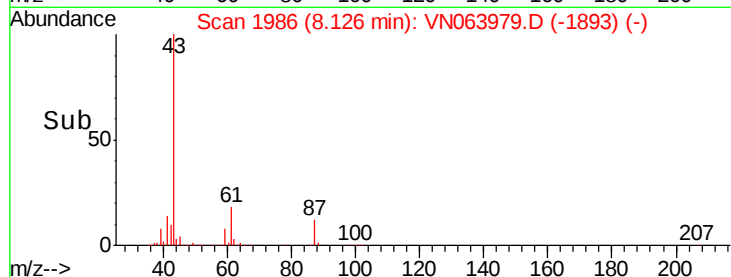
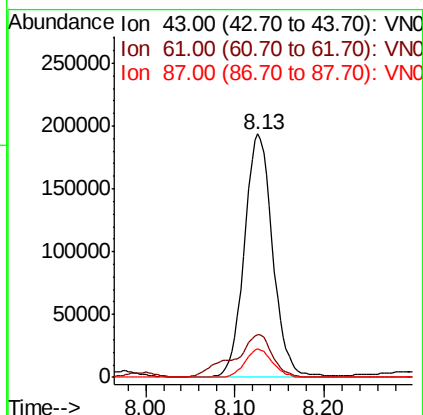
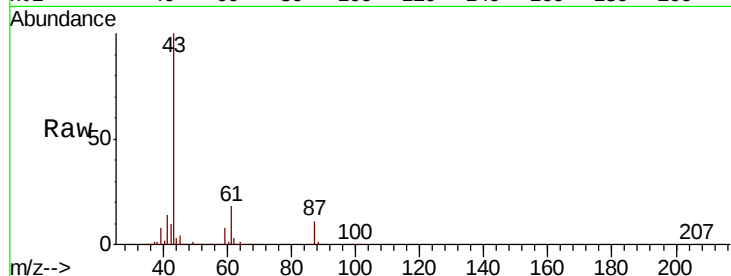




#43
Isopropyl Acetate
Concen: 56.917 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

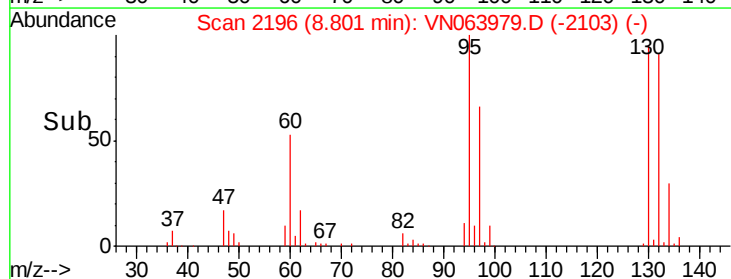
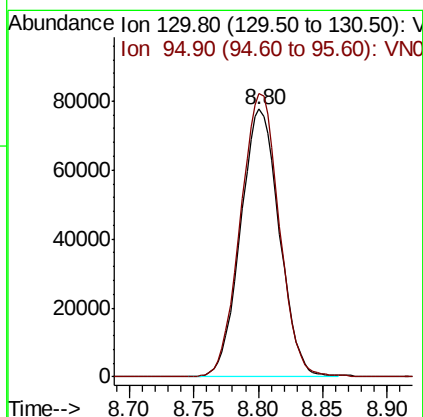
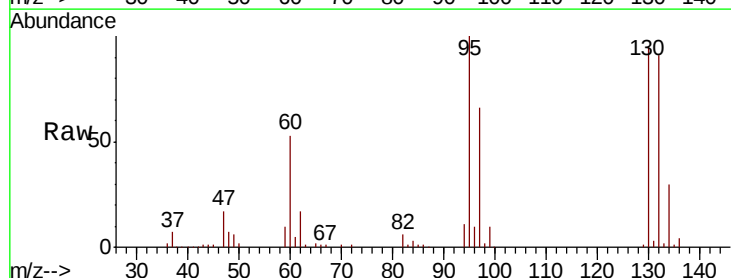
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 425683
Ion Ratio Lower Upper
43 100
61 23.8 14.2 21.4#
87 11.3 9.0 13.6



#44
Trichloroethene
Concen: 47.648 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion:130 Resp: 162743
Ion Ratio Lower Upper
130 100
95 105.7 0.0 213.6

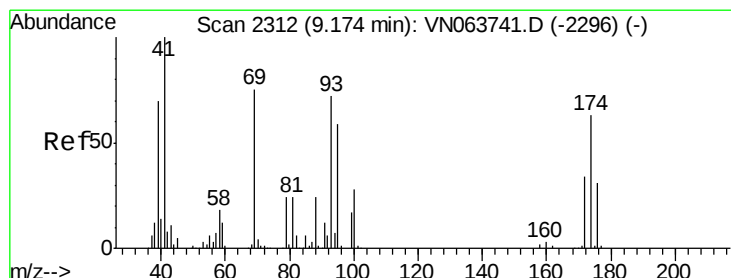
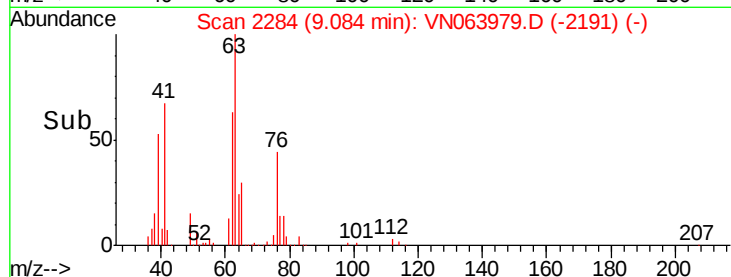
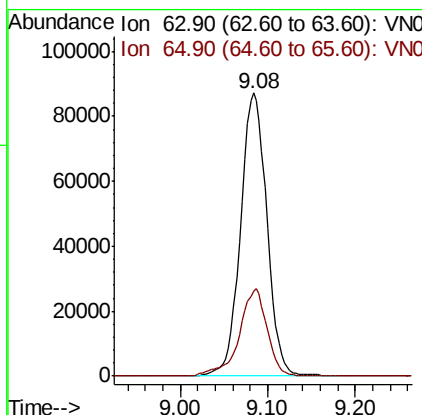
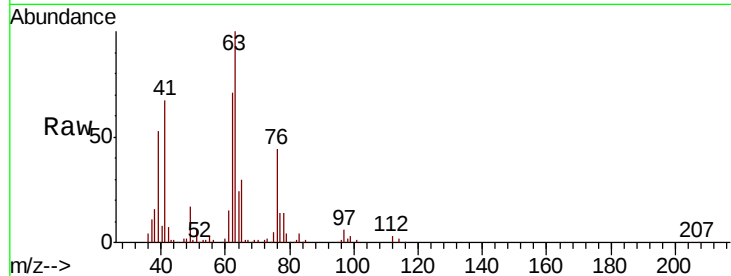




#45
 1,2-Dichloropropane
 Concen: 51.738 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

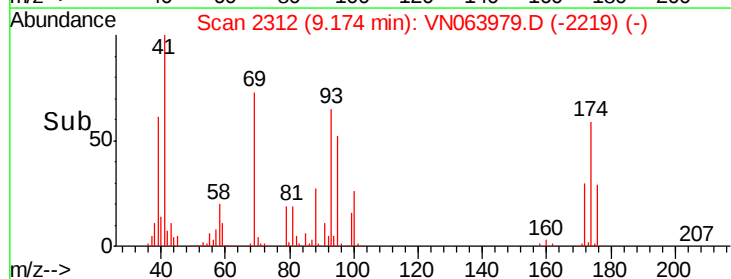
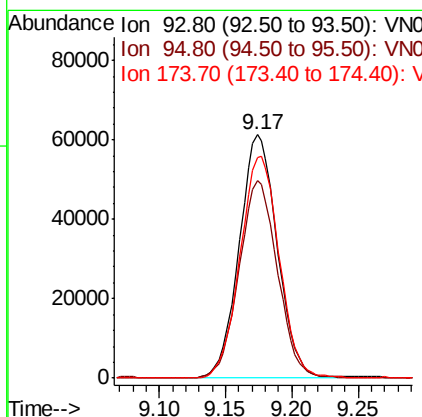
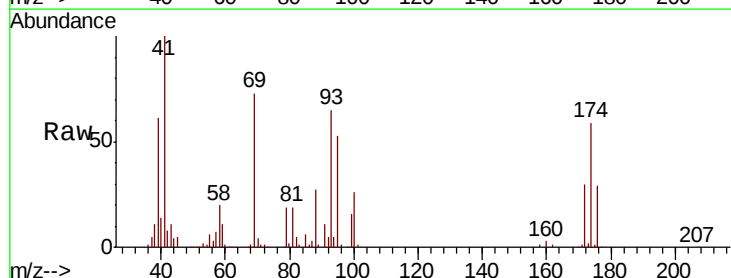
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

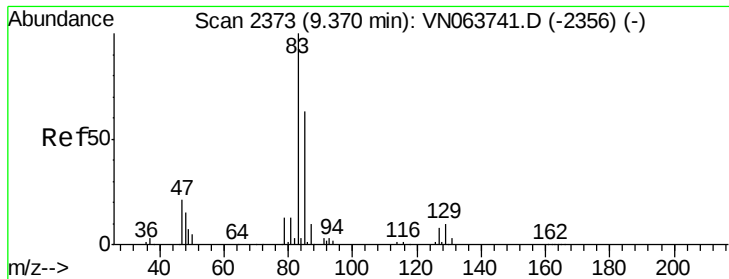
Tot Ion: 63 Resp: 182143
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1



#46
 Dibromomethane
 Concen: 50.329 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion: 93 Resp: 122229
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.3 99.5
 174 93.8 72.7 109.1





#47

Bromodichloromethane

Concen: 51.336 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

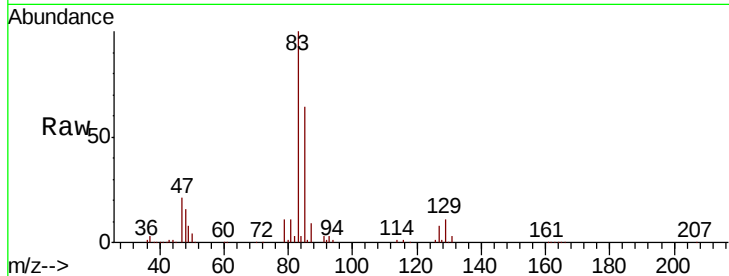
Tot Ion: 83 Resp: 256950

Ion Ratio Lower Upper

83 100

85 63.6 50.6 75.8

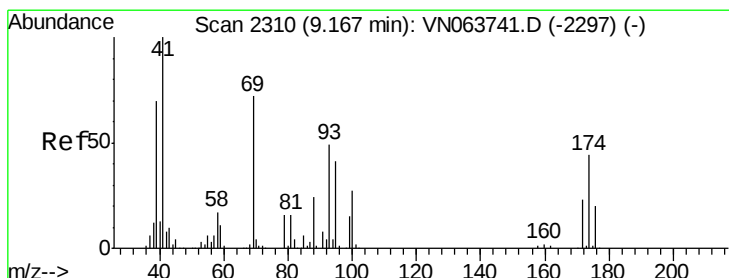
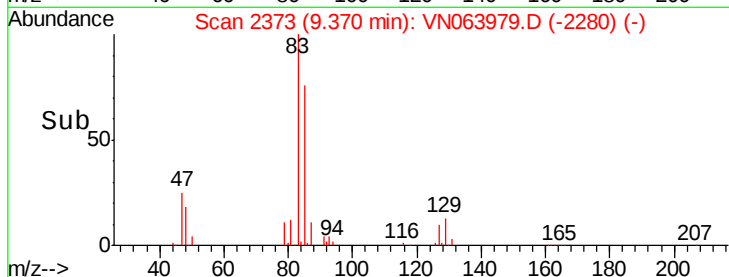
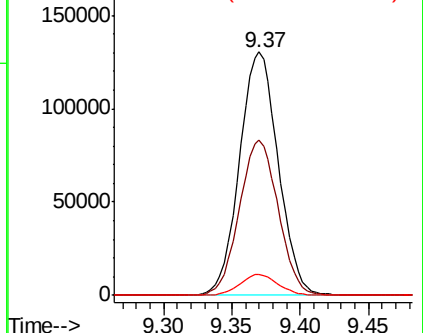
127 8.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063979.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063979.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063979.D (-2280) (-)



#48

Methyl methacrylate

Concen: 57.617 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

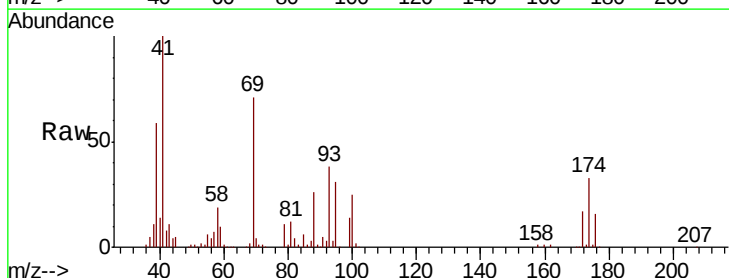
Tgt Ion: 41 Resp: 212904

Ion Ratio Lower Upper

41 100

69 73.3 60.9 91.3

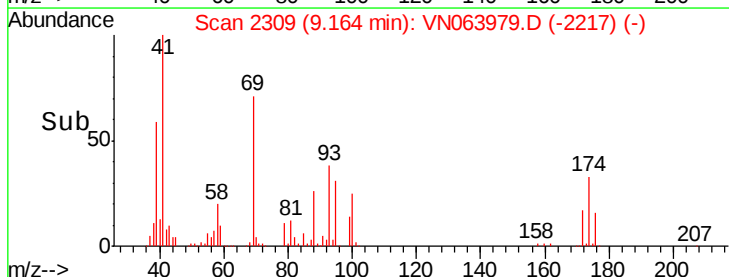
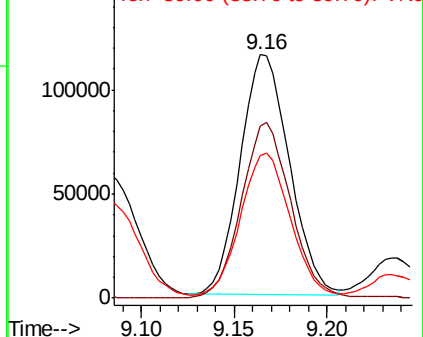
39 61.9 57.5 86.3

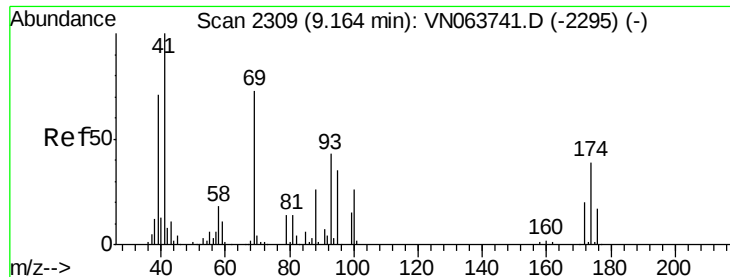


Abundance Ion 41.00 (40.70 to 41.70): VN063979.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063979.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063979.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1187.085 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

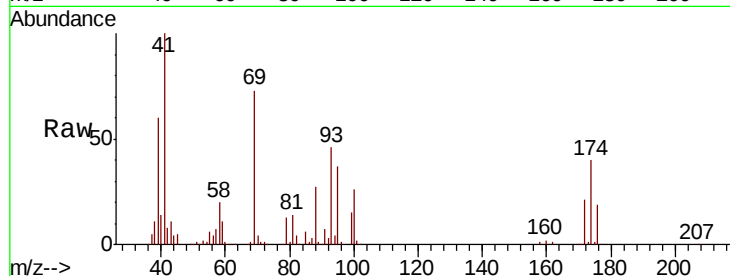
Tot Ion: 88 Resp: 62341

Ion Ratio Lower Upper

88 100

43 38.7 33.1 49.7

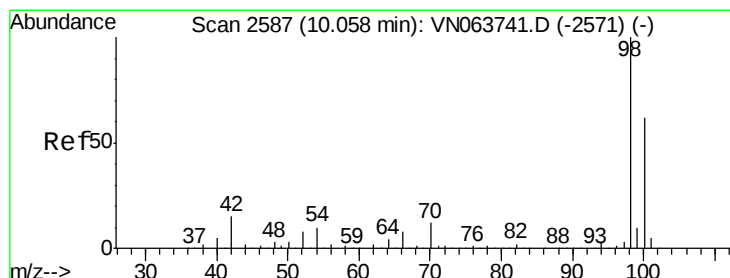
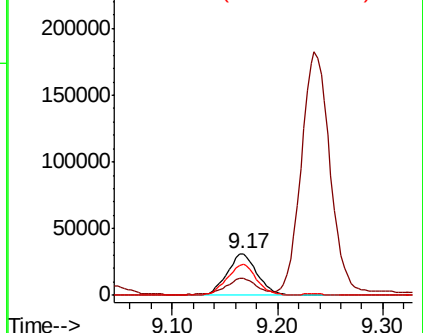
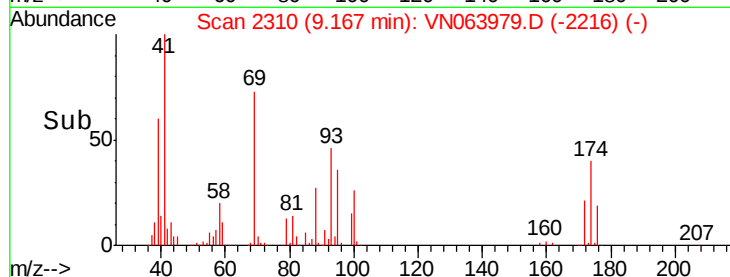
58 73.2 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063979.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN063979.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN063979.D (-2216) (-)



#50

Toluene-d8

Concen: 47.173 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063979.D

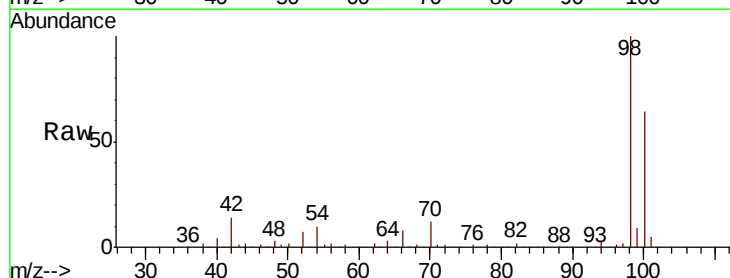
Acq: 8 Oct 2020 7:17

Tgt Ion: 98 Resp: 558979

Ion Ratio Lower Upper

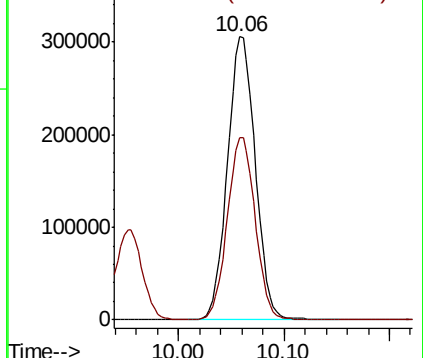
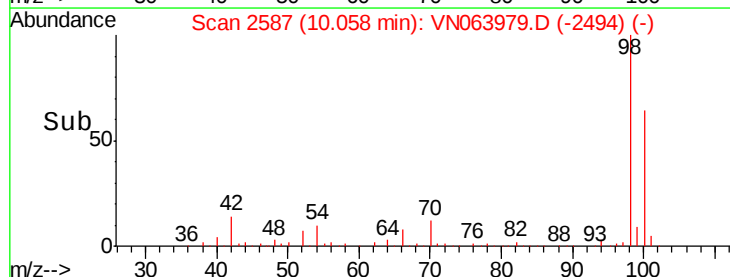
98 100

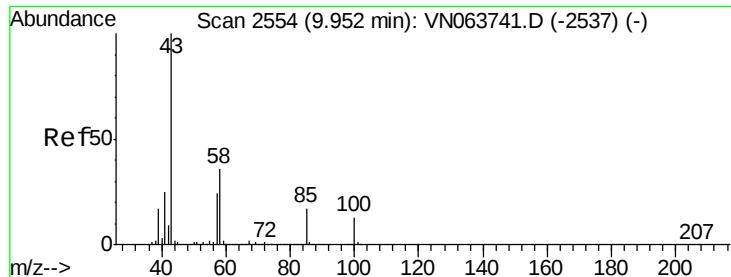
100 64.2 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063979.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063979.D (-2494) (-)

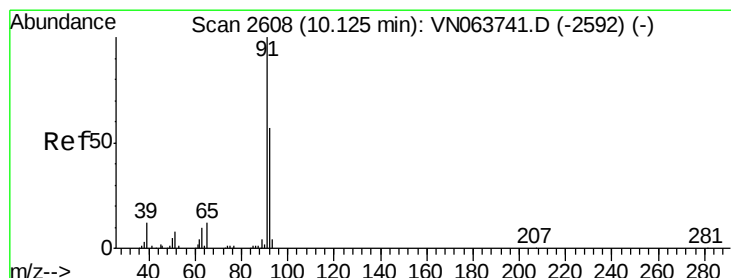
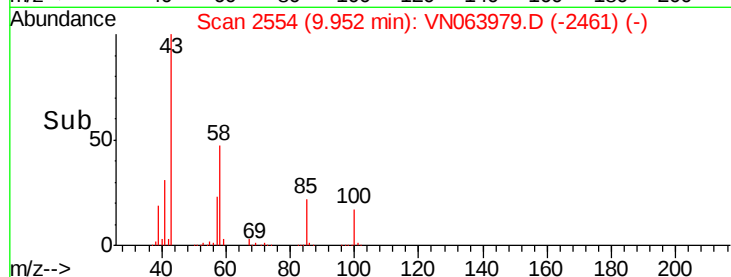
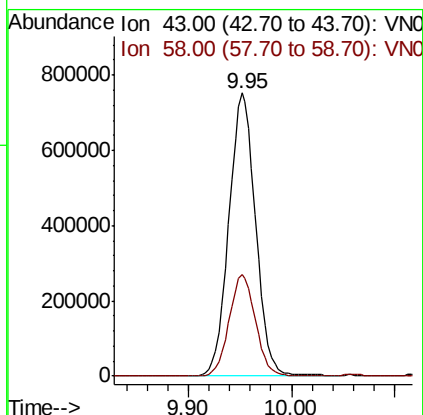
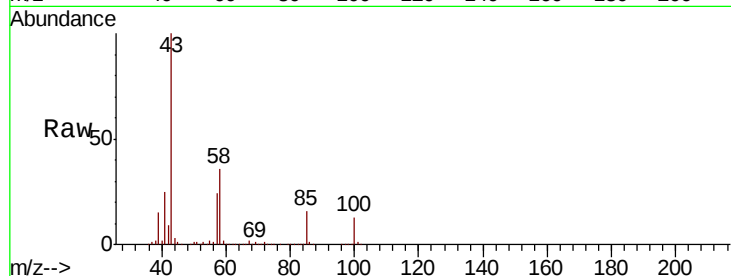




#51
 4-Methyl-2-Pentanone
 Concen: 308.456 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

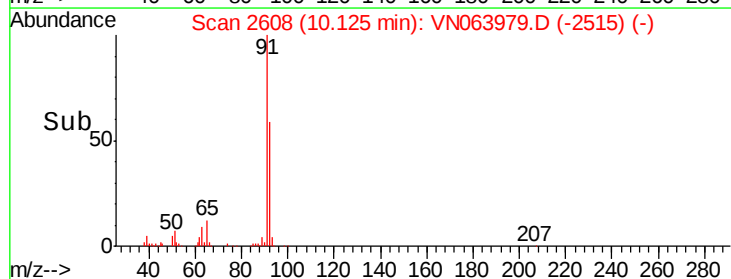
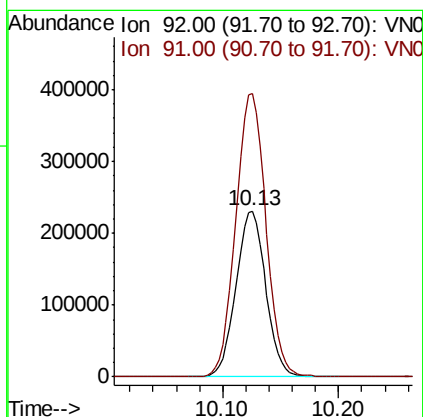
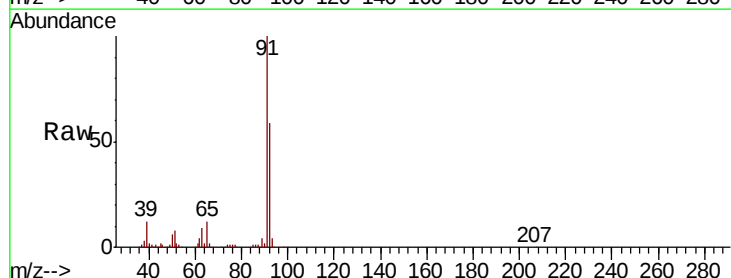
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

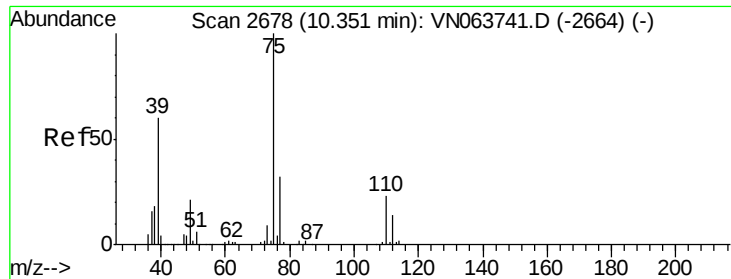
Tot Ion: 43 Resp: 1353834
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.4 42.6



#52
 Toluene
 Concen: 51.005 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion: 92 Resp: 411251
 Ion Ratio Lower Upper
 92 100
 91 173.8 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 48.332 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

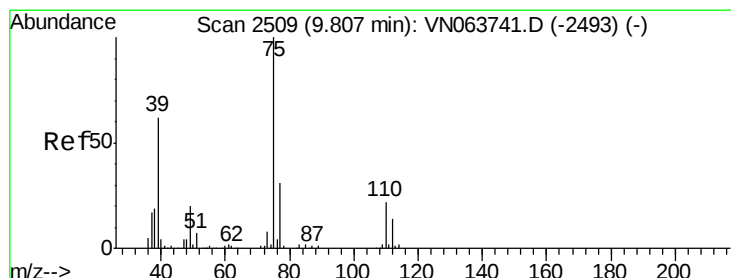
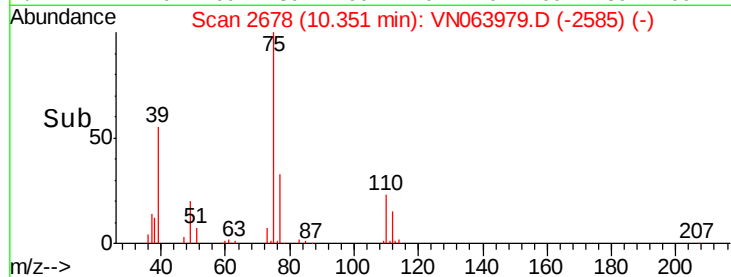
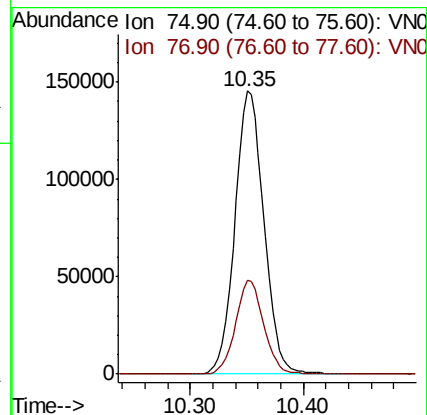
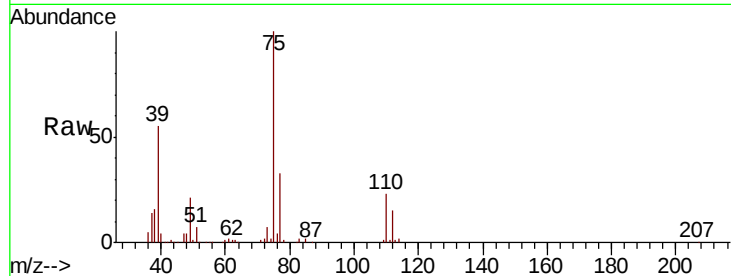
VSTDCCC050EC

Tot Ion: 75 Resp: 259317

Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 48.732 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

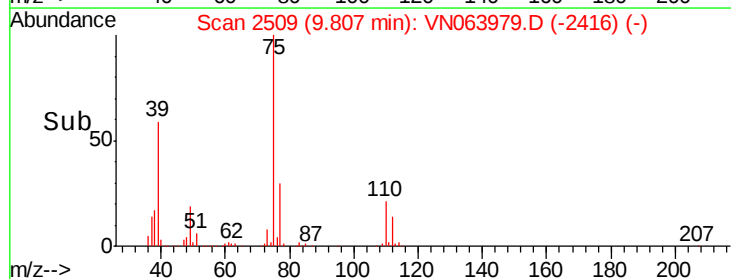
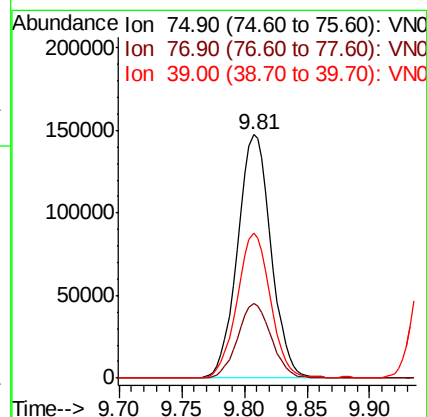
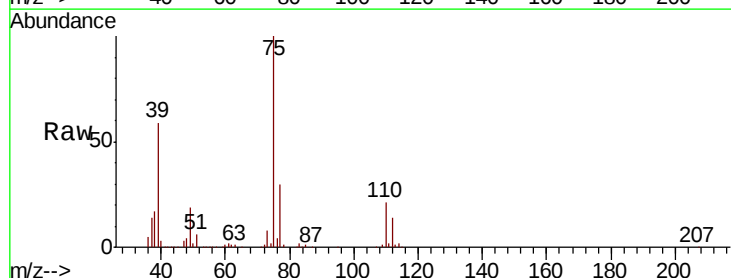
Tgt Ion: 75 Resp: 273444

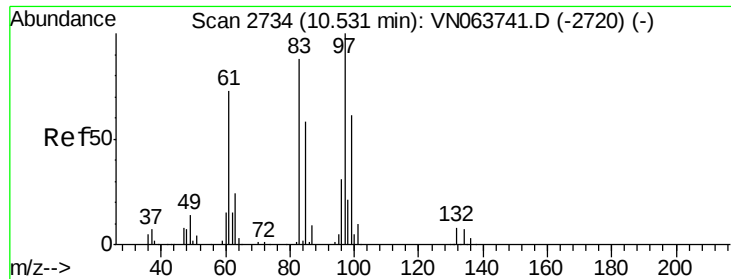
Ion Ratio Lower Upper

75 100

77 30.5 24.6 36.8

39 59.5 49.7 74.5

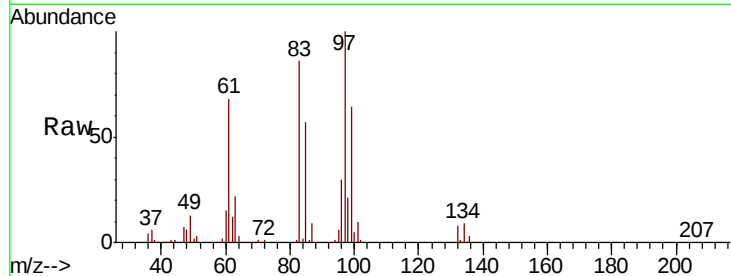




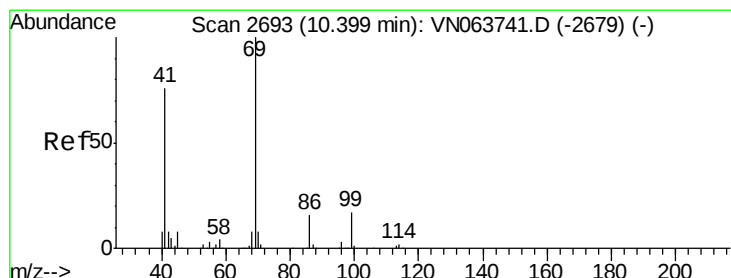
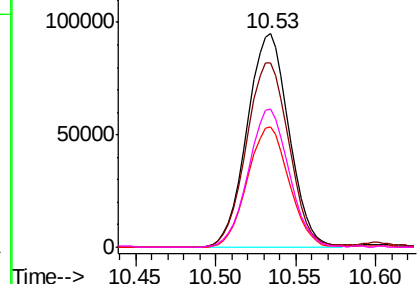
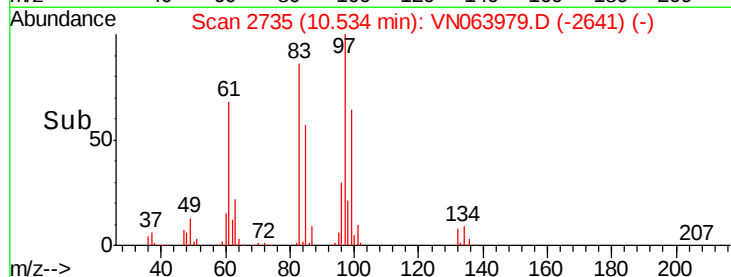
#55
 1,1,2-Trichloroethane
 Concen: 52.671 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 170313
 Ion Ratio Lower Upper
 97 100
 83 86.0 70.7 106.1
 85 56.6 46.1 69.1
 99 64.4 48.8 73.2

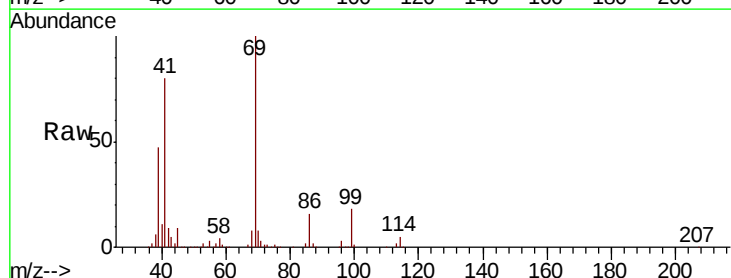


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

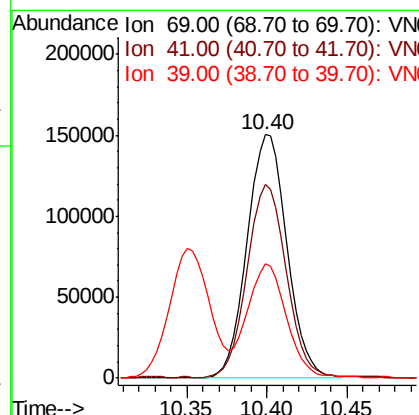
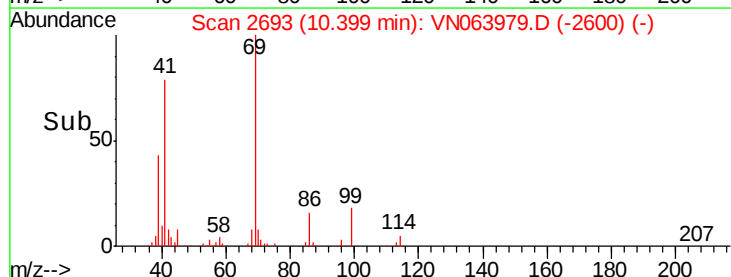


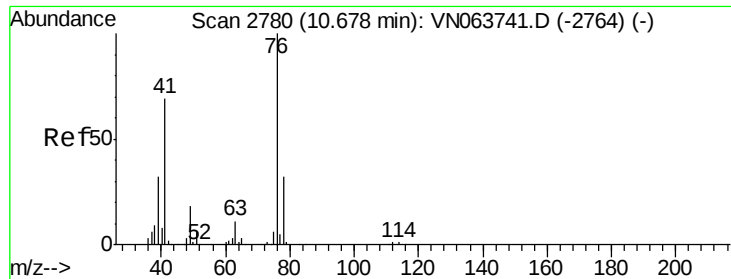
#56
 Ethyl methacrylate
 Concen: 55.849 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion: 69 Resp: 255978
 Ion Ratio Lower Upper
 69 100
 41 78.4 61.1 91.7
 39 46.0 42.2 63.4



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





#57

1,3-Dichloropropane

Concen: 52.997 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

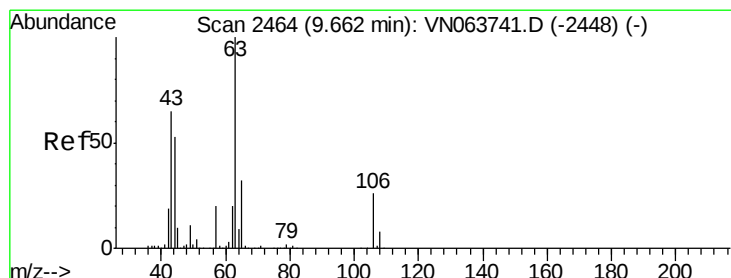
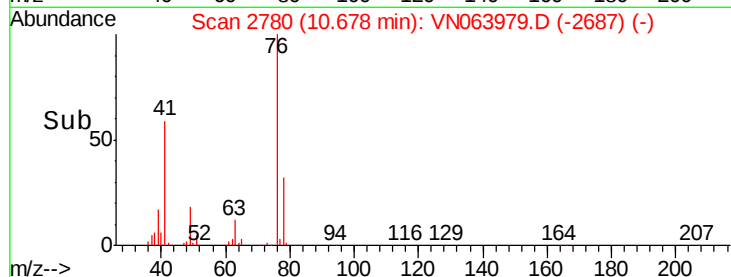
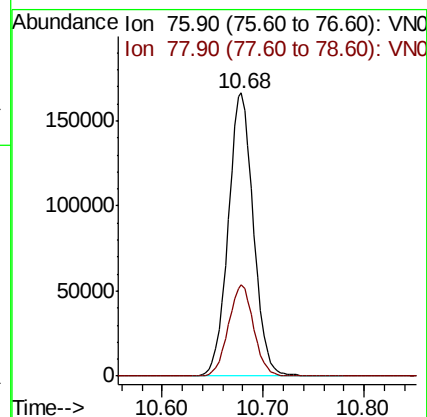
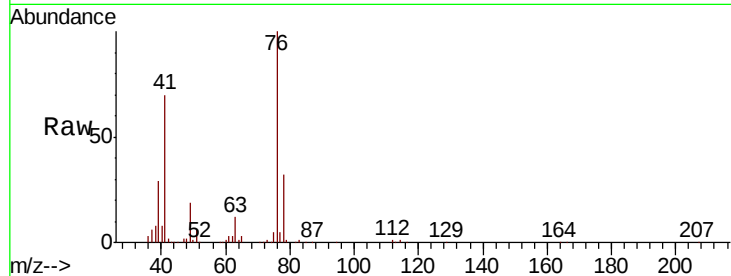
VSTDCCC050EC

Tot Ion: 76 Resp: 289923

Ion Ratio Lower Upper

76 100

78 32.3 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 277.238 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063979.D

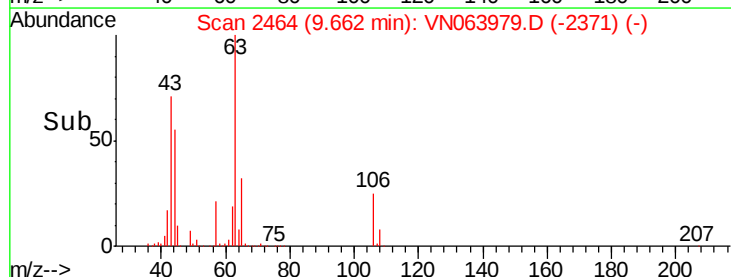
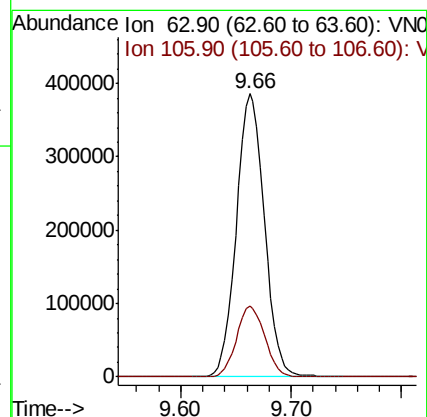
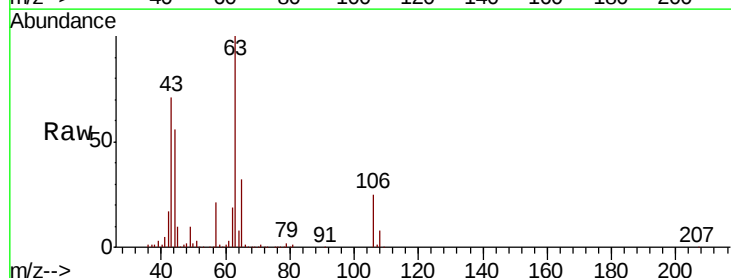
Acq: 8 Oct 2020 7:17

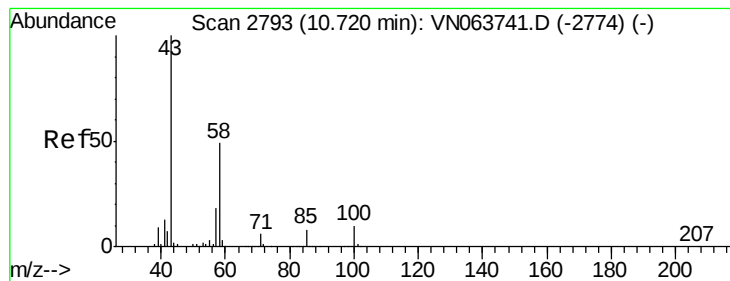
Tgt Ion: 63 Resp: 679705

Ion Ratio Lower Upper

63 100

106 25.4 20.7 31.1





#59

2-Hexanone

Concen: 306.236 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

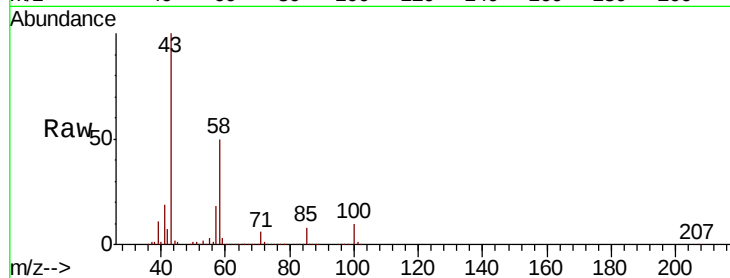
VSTDCCC050EC

Tot Ion: 43 Resp: 998474

Ion Ratio Lower Upper

43 100

58 49.2 24.6 73.8



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2774) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2774) (-)

10.72

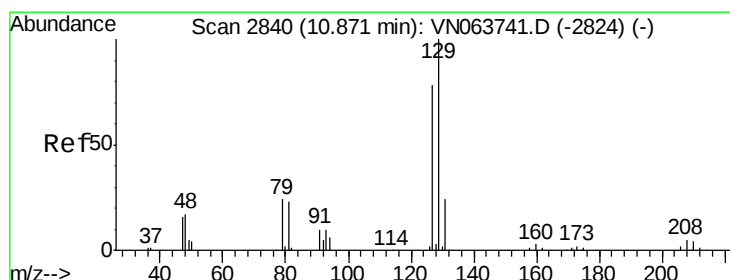
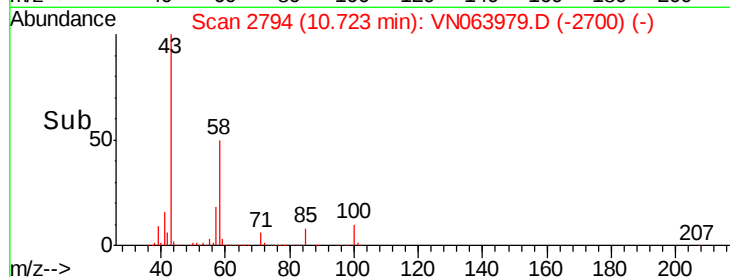
600000

400000

200000

0

Time-->



#60

Dibromochloromethane

Concen: 52.300 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063979.D

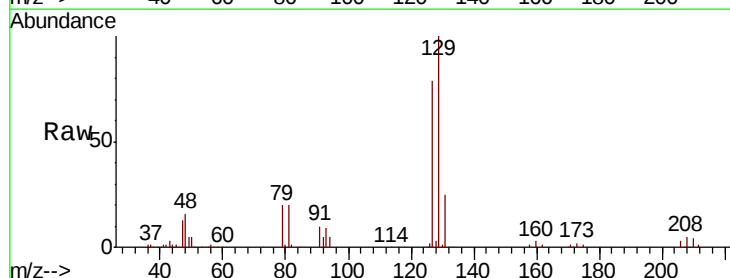
Acq: 8 Oct 2020 7:17

Tgt Ion:129 Resp: 196947

Ion Ratio Lower Upper

129 100

127 78.2 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): VN063741.D (-2824) (-)

Ion 126.80 (126.50 to 127.50): VN063741.D (-2824) (-)

10.87

120000

100000

80000

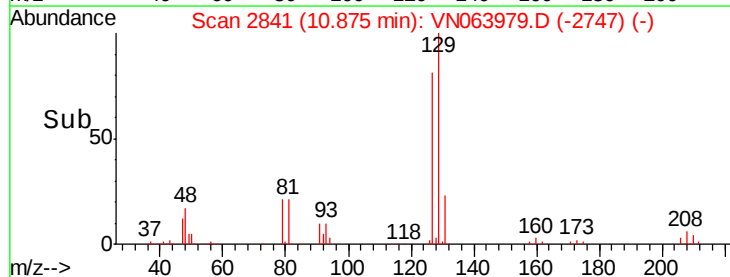
60000

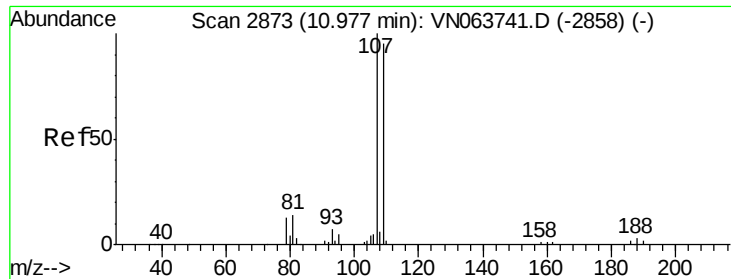
40000

20000

0

Time-->

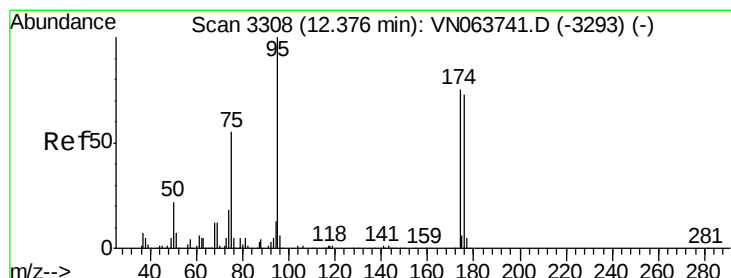
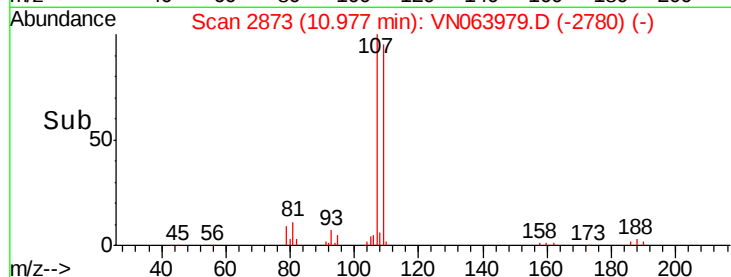
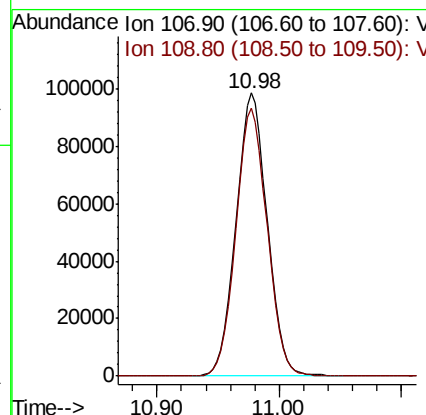
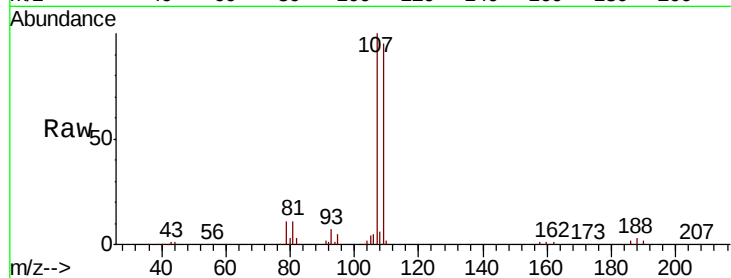




#61
 1,2-Dibromoethane
 Concen: 52.711 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

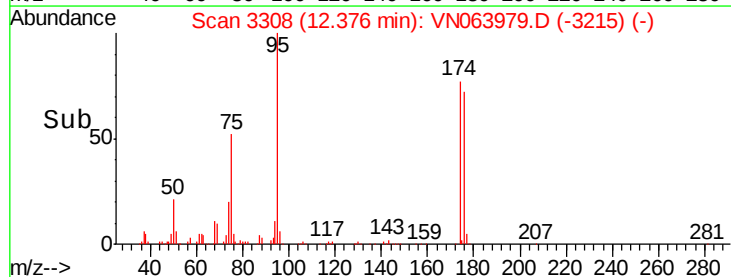
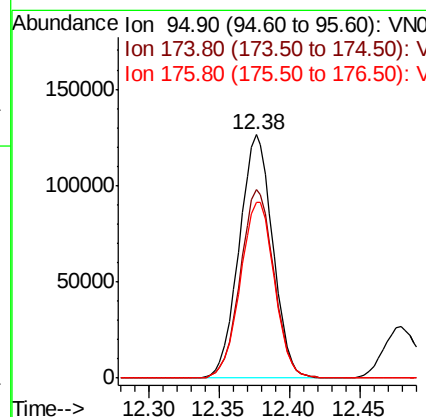
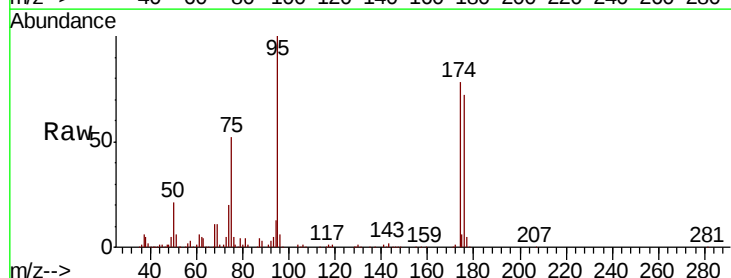
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

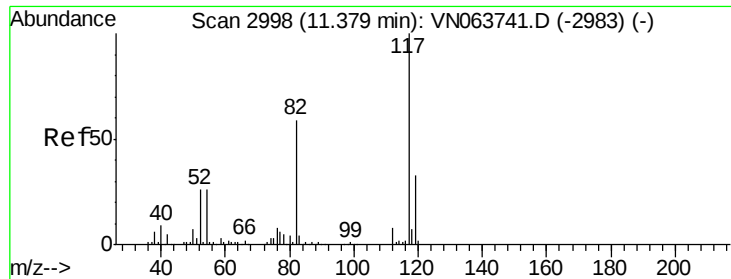
Tot Ion:107 Resp: 174349
 Ion Ratio Lower Upper
 107 100
 109 95.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 47.409 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion: 95 Resp: 211177
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 150.6
 176 73.6 0.0 145.4

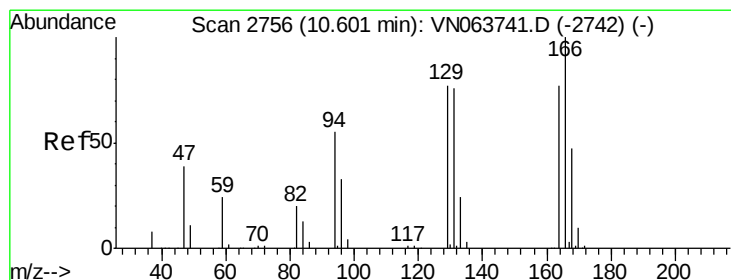
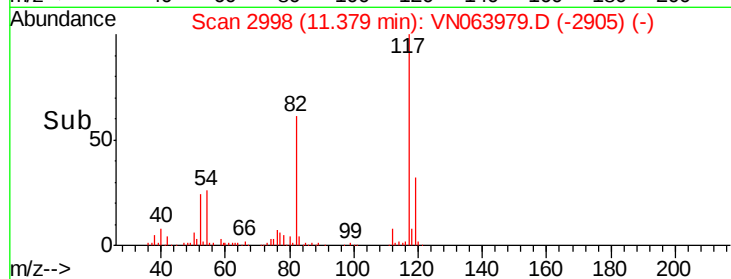
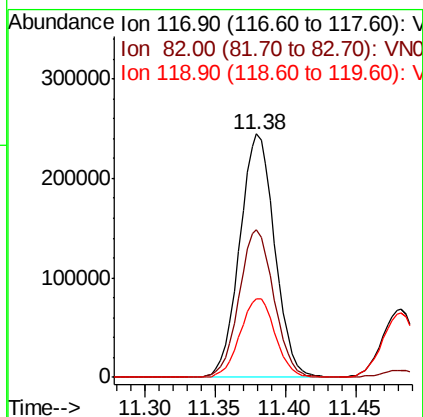
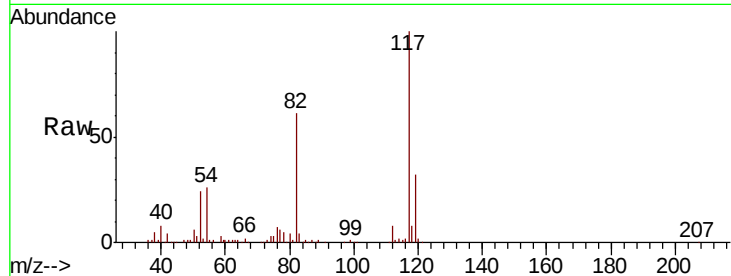




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

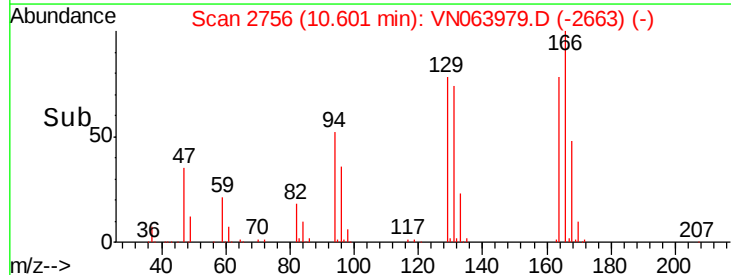
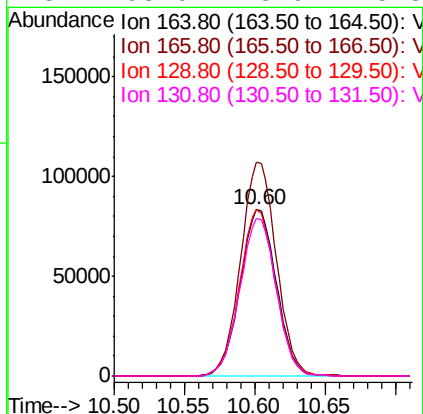
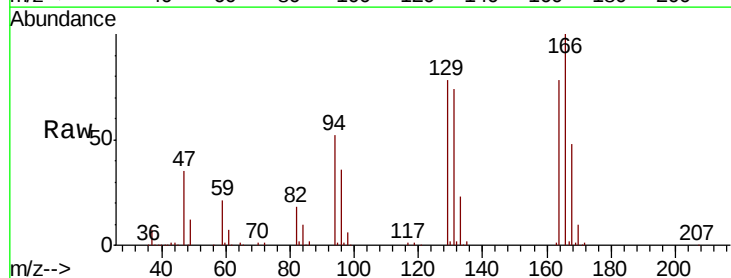
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

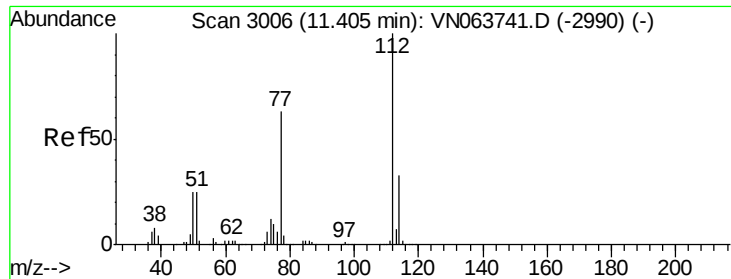
Tot Ion:117 Resp: 425461
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 32.4 26.4 39.6



#64
Tetrachloroethene
Concen: 45.538 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion:164 Resp: 149897
Ion Ratio Lower Upper
164 100
166 128.8 103.9 155.9
129 100.5 80.3 120.5
131 95.0 78.9 118.3

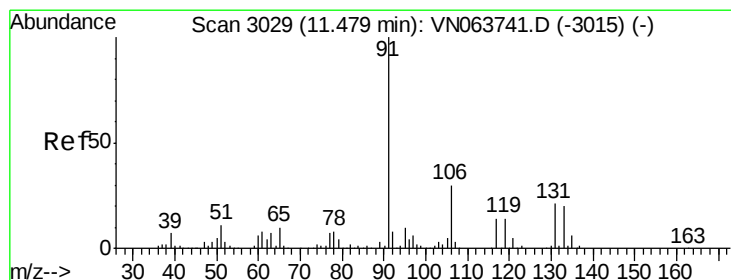
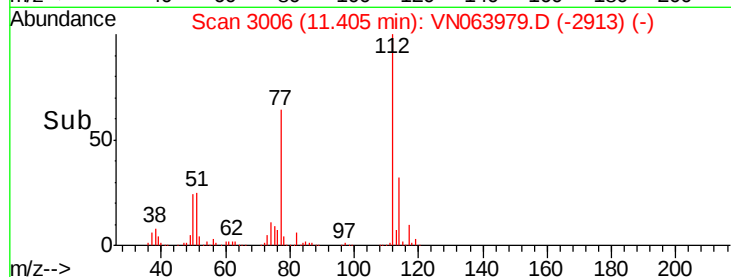
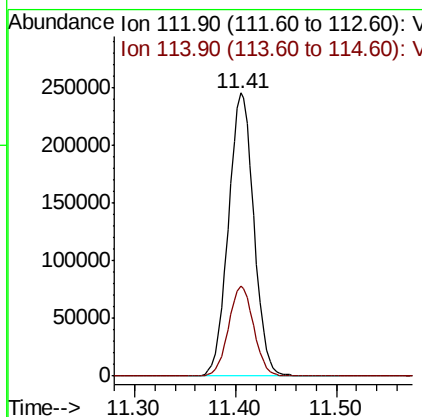
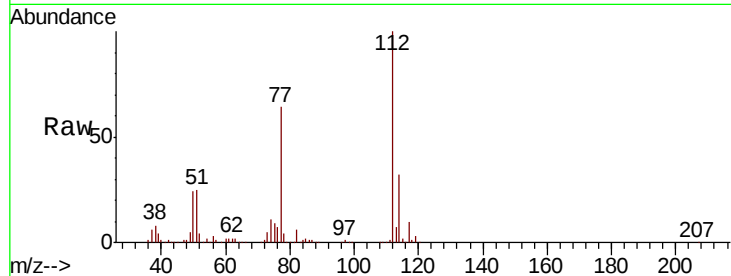




#65
Chlorobenzene
Concen: 49.566 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

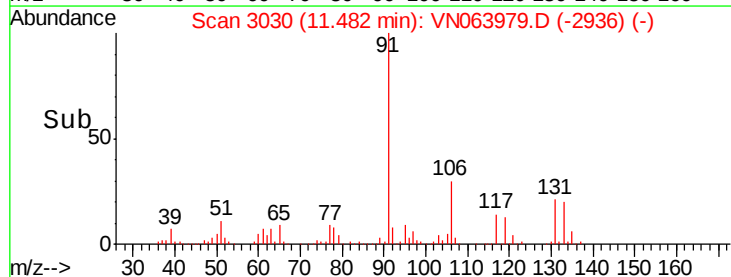
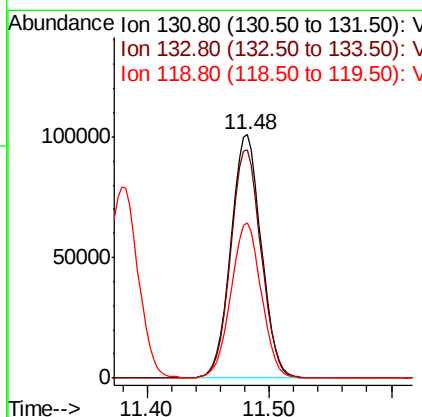
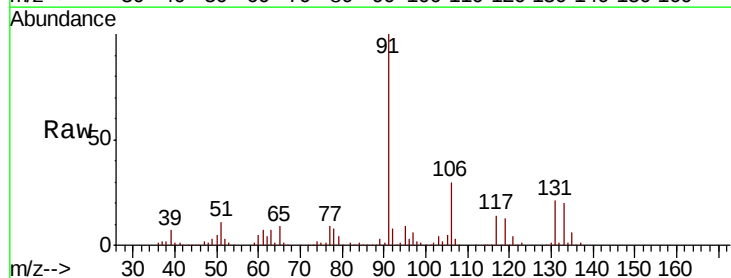
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

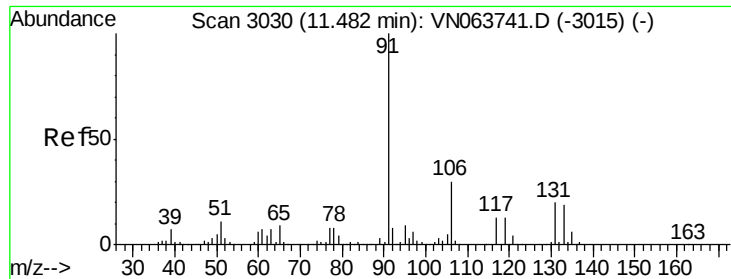
Tot Ion:112 Resp: 432585
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.207 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion:131 Resp: 174677
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 64.0 32.6 97.7

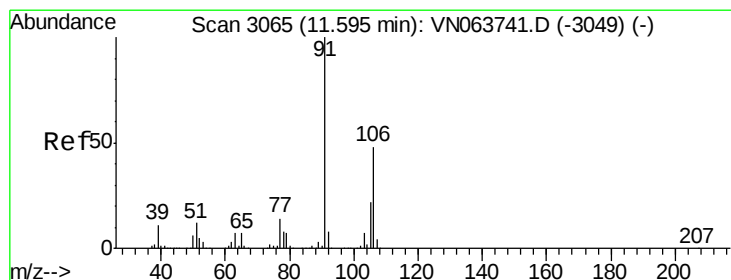
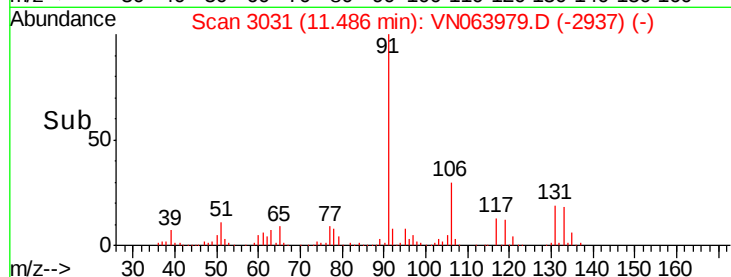
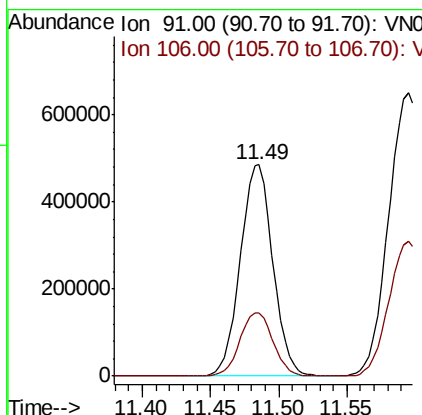
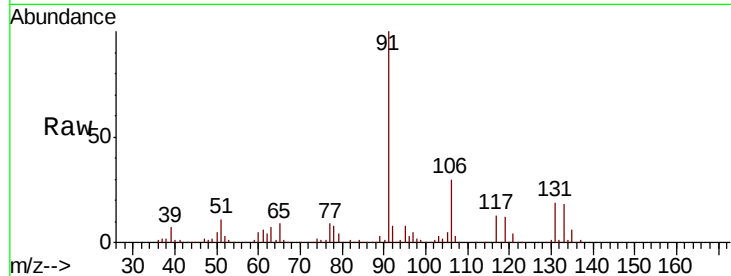




#67
Ethyl Benzene
Concen: 50.587 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

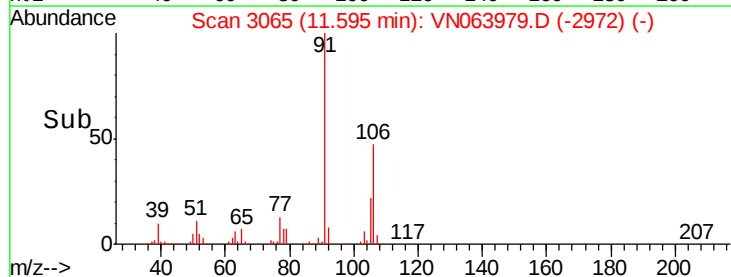
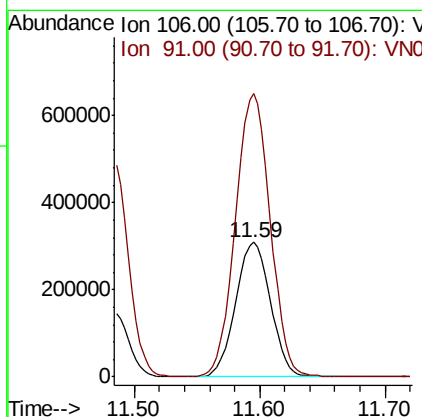
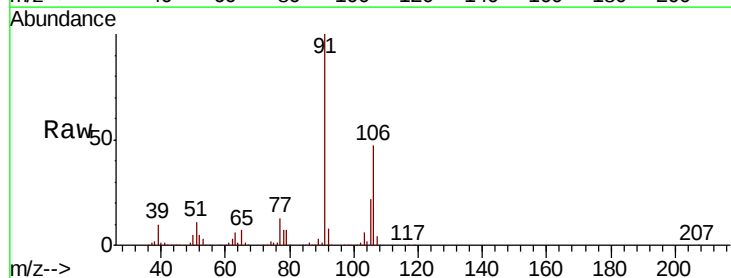
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

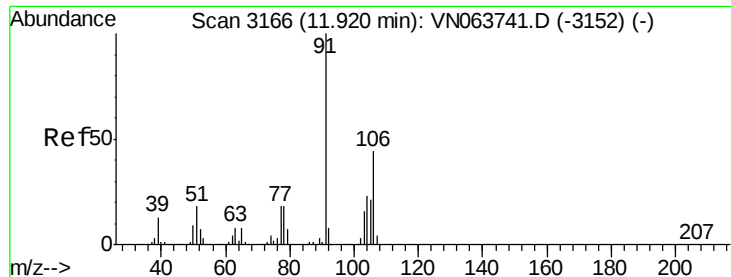
Tot Ion: 91 Resp: 803370
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2



#68
m/p-Xylenes
Concen: 100.354 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion: 106 Resp: 593976
Ion Ratio Lower Upper
106 100
91 210.0 168.0 252.0

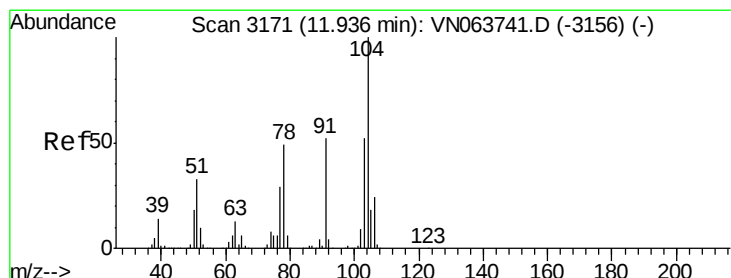
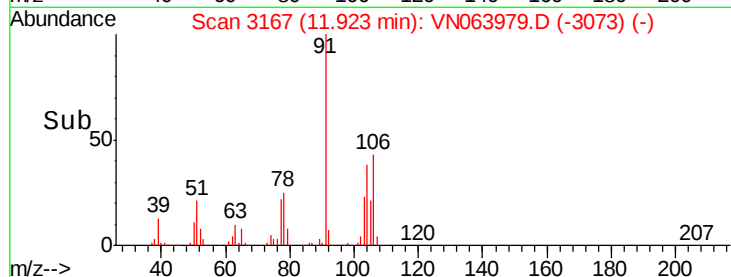
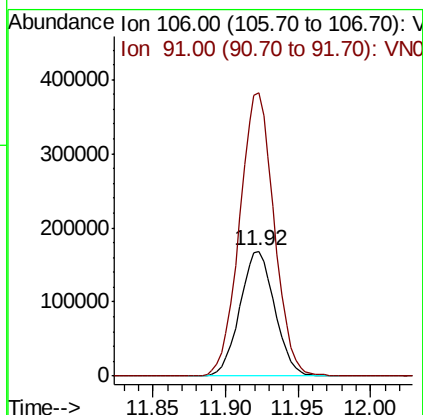
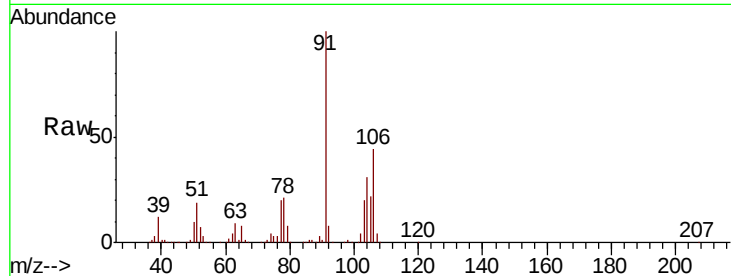




#69
o-Xylene
Concen: 50.792 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

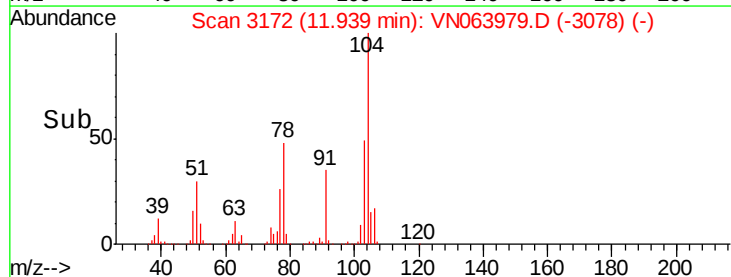
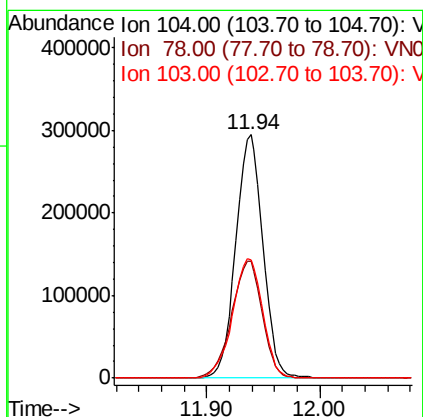
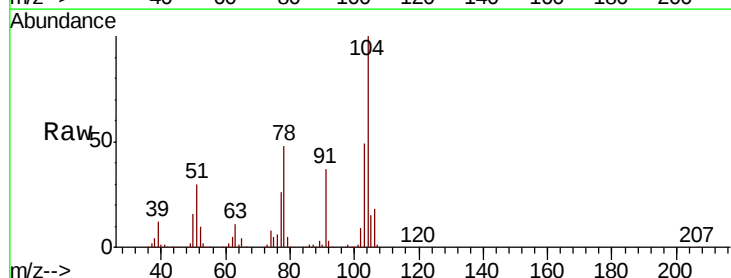
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

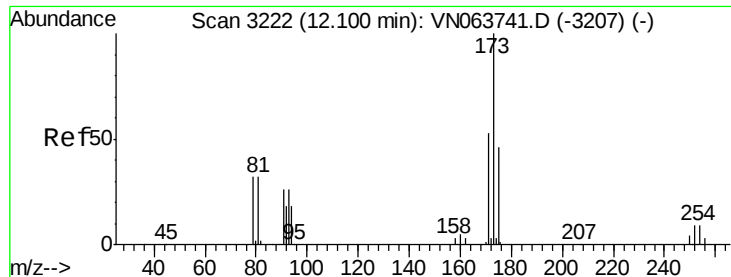
Tot Ion:106 Resp: 280985
Ion Ratio Lower Upper
106 100
91 225.5 112.7 338.0



#70
Styrene
Concen: 52.676 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion:104 Resp: 494661
Ion Ratio Lower Upper
104 100
78 54.0 44.1 66.1
103 54.6 44.3 66.5





#71

Bromoform

Concen: 54.323 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

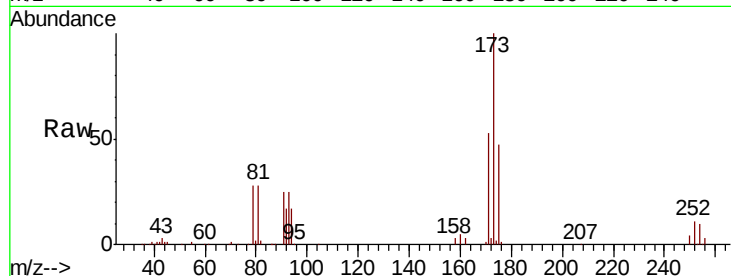
Tot Ion:173 Resp: 139011

Ion Ratio Lower Upper

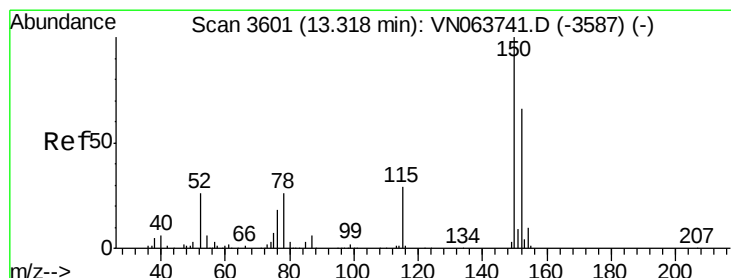
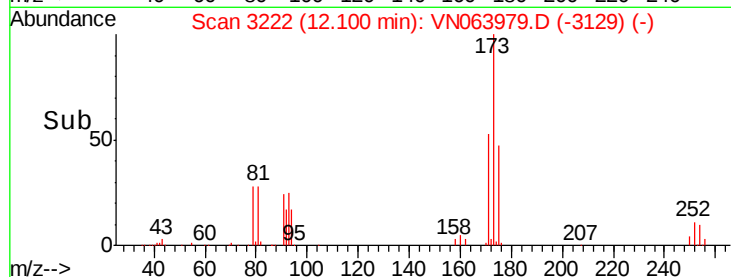
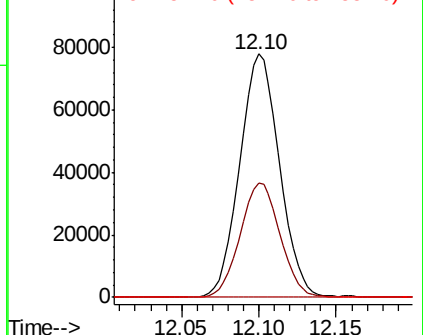
173 100

175 47.1 23.5 70.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

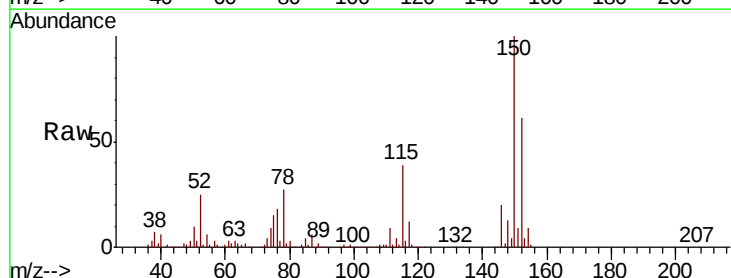
Tgt Ion:152 Resp: 206744

Ion Ratio Lower Upper

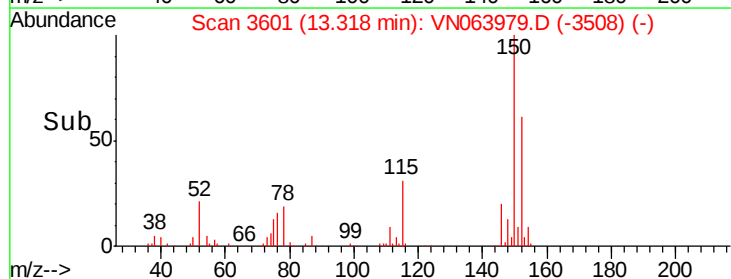
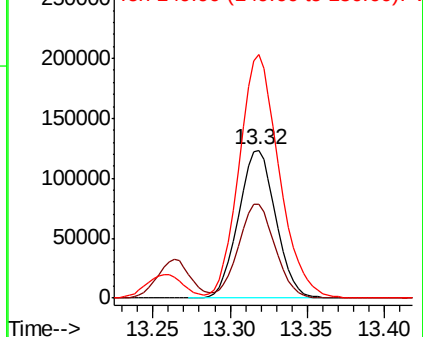
152 100

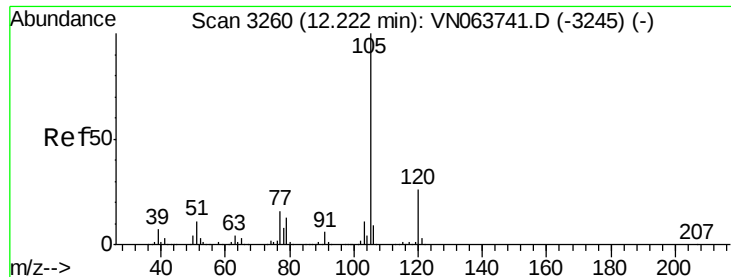
115 62.3 31.3 93.8

150 176.5 0.0 341.8



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

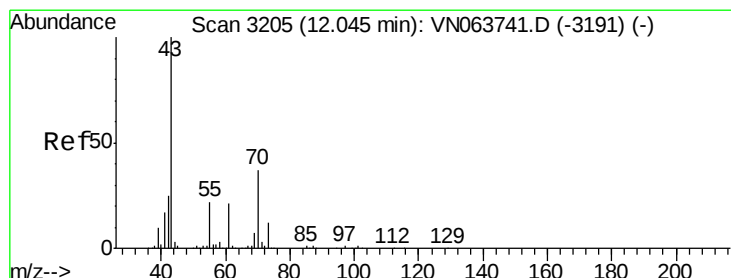
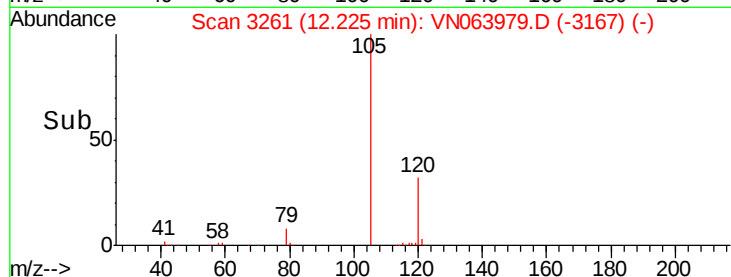
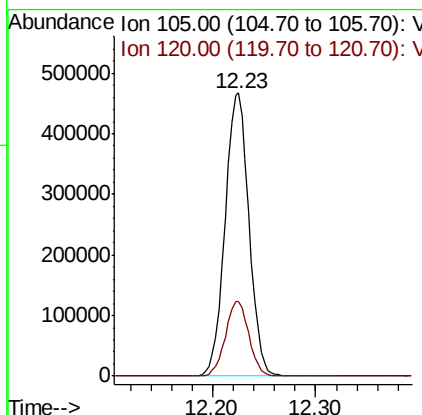
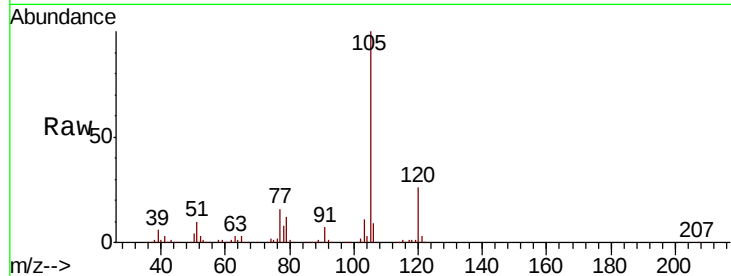




#73
Isopropylbenzene
Concen: 49.934 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

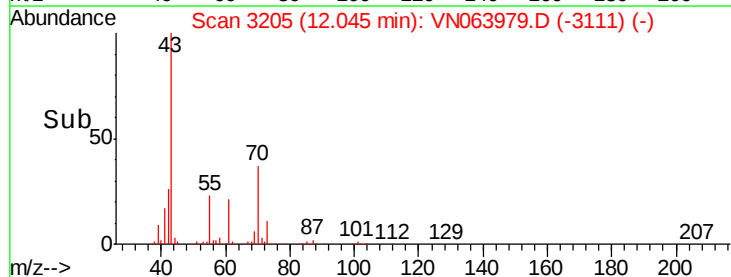
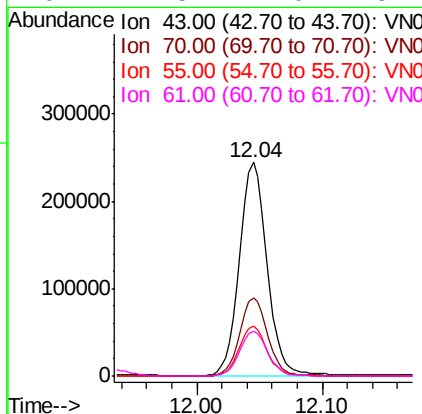
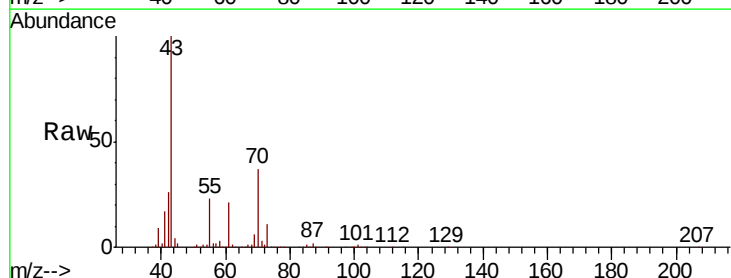
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

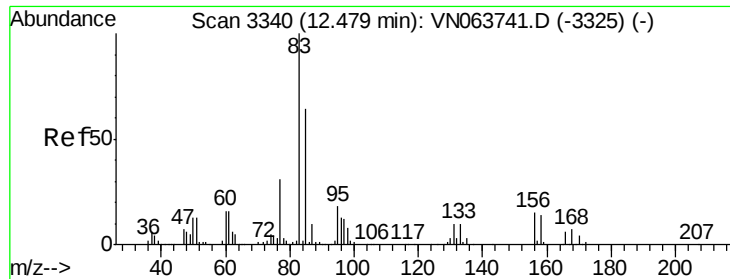
Tot Ion:105 Resp: 752993
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.8



#74
N-ethyl acetate
Concen: 53.340 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion: 43 Resp: 374932
Ion Ratio Lower Upper
43 100
70 37.1 29.8 44.8
55 23.6 17.9 26.9
61 21.5 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.951 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

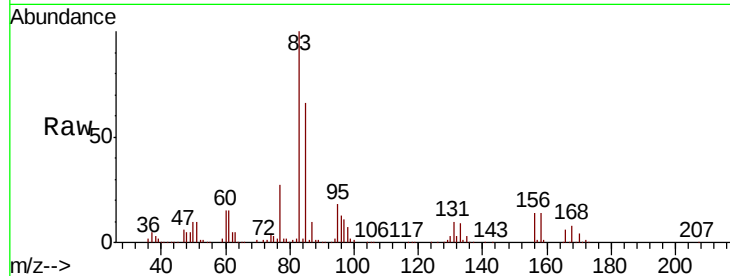
Tot Ion: 83 Resp: 248780

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

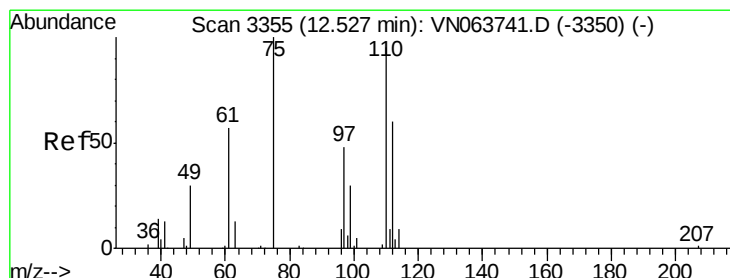
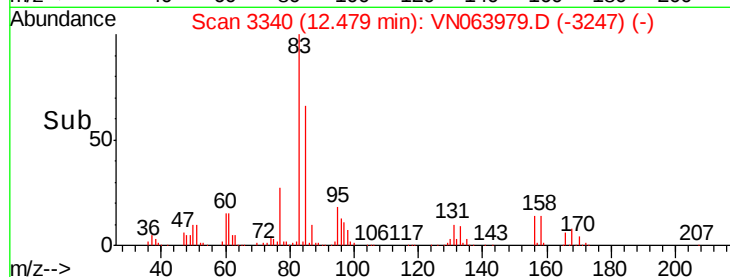
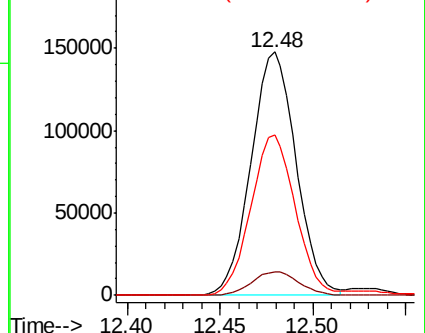
85 65.2 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063979.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063979.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063979.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 72.744 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063979.D

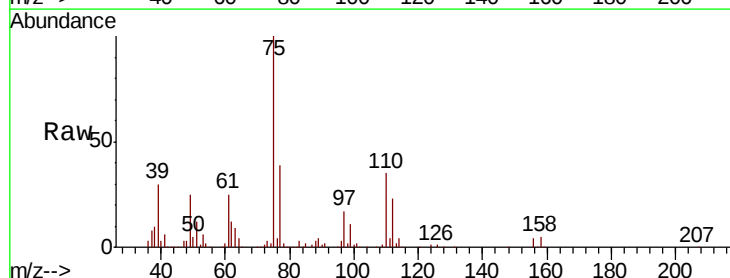
Acq: 8 Oct 2020 7:17

Tgt Ion: 75 Resp: 331529

Ion Ratio Lower Upper

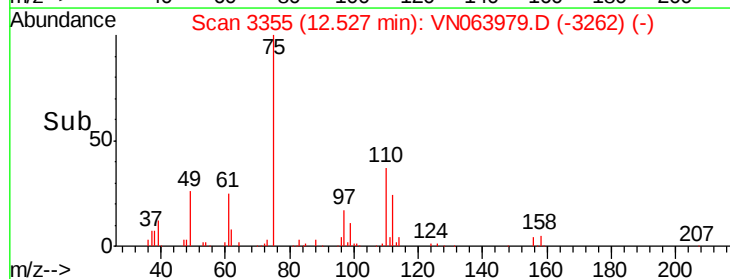
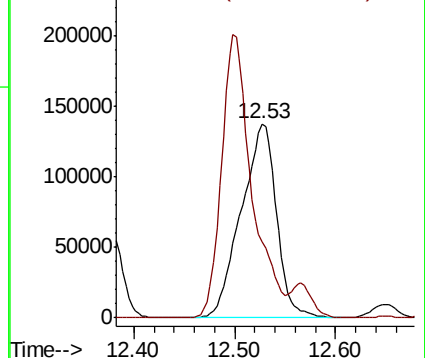
75 100

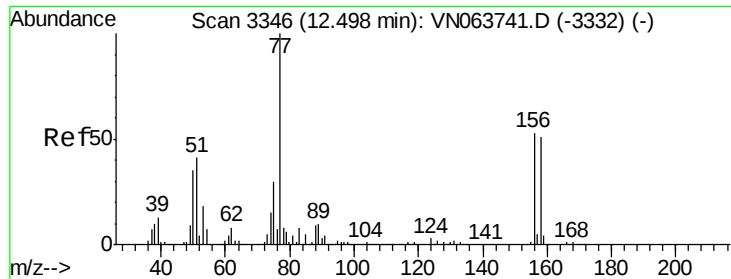
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063979.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063979.D (-3262) (-)





#77

Bromobenzene

Concen: 50.896 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

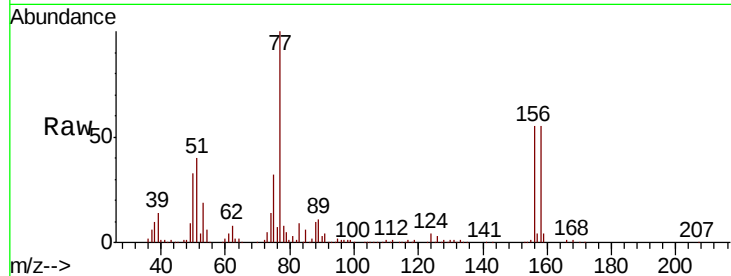
Tot Ion:156 Resp: 188326

Ion Ratio Lower Upper

156 100

77 222.8 110.9 332.7

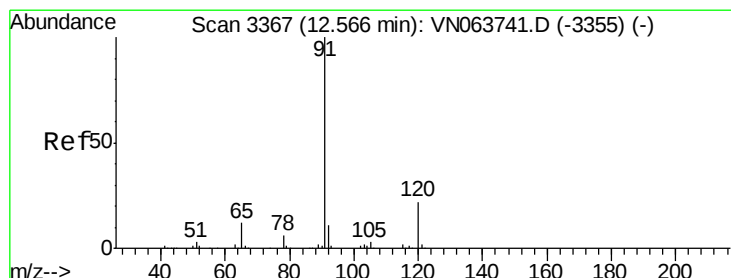
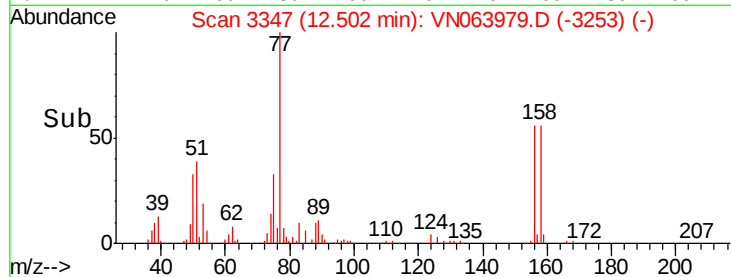
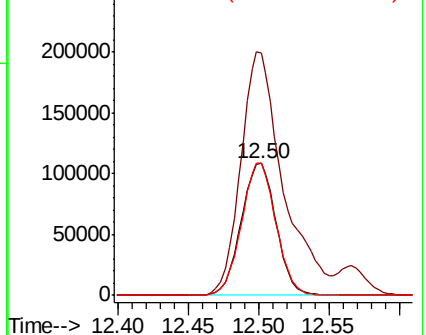
158 99.1 47.7 143.1



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: 49.355 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063979.D

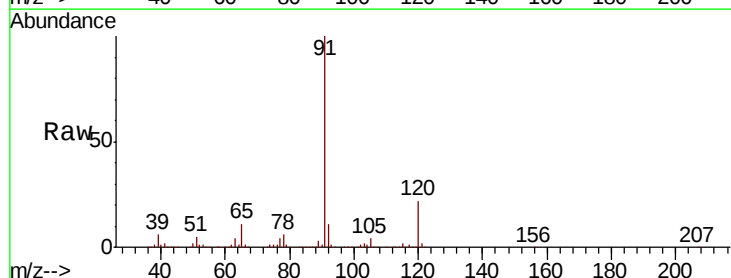
Acq: 8 Oct 2020 7:17

Tgt Ion: 91 Resp: 866168

Ion Ratio Lower Upper

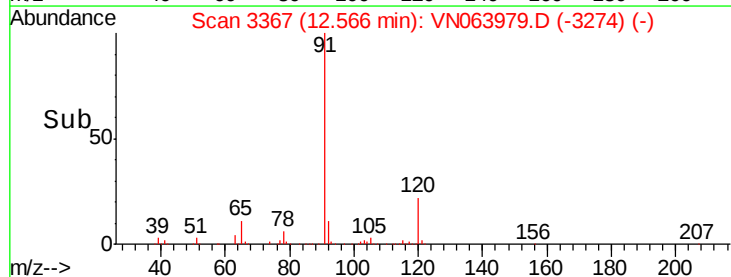
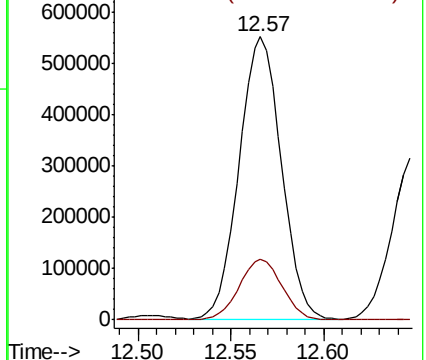
91 100

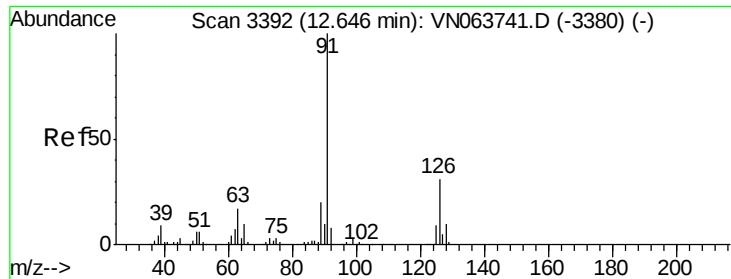
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.564 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

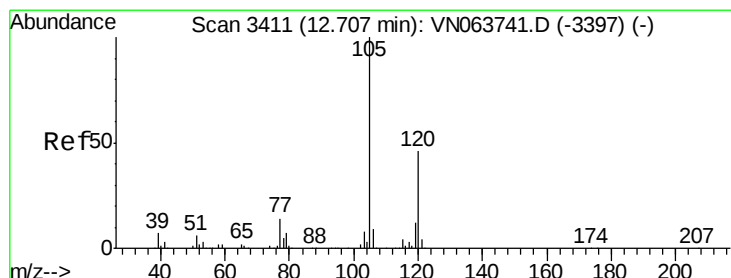
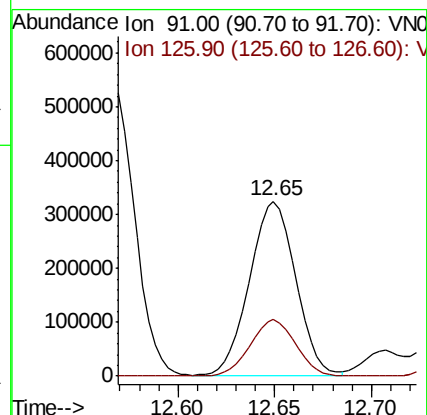
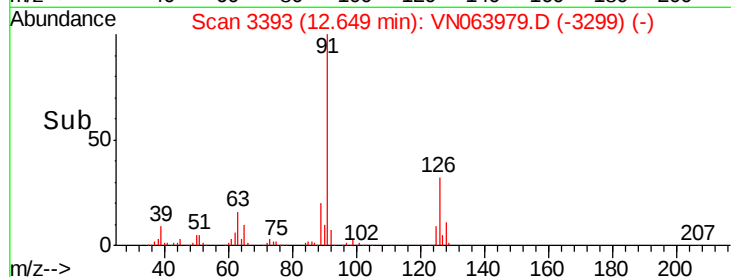
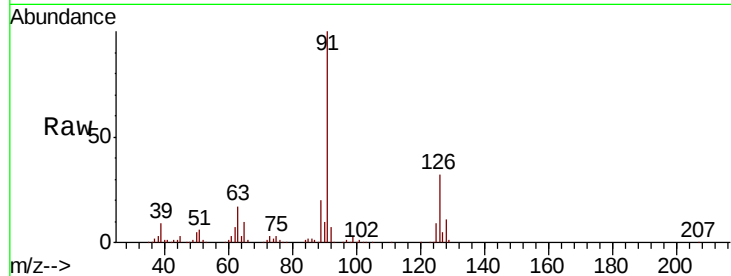
VSTDCCC050EC

Tot Ion: 91 Resp: 534968

Ion Ratio Lower Upper

91 100

126 32.2 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 50.421 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063979.D

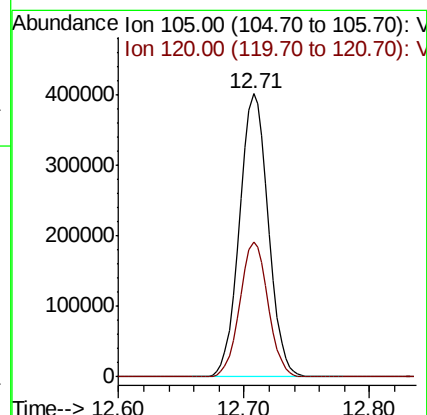
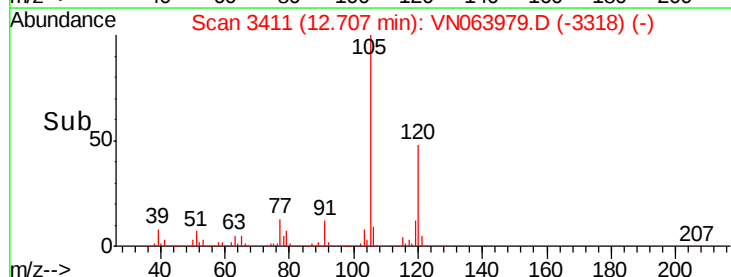
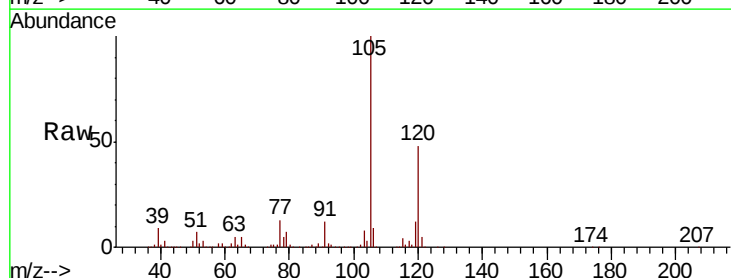
Acq: 8 Oct 2020 7:17

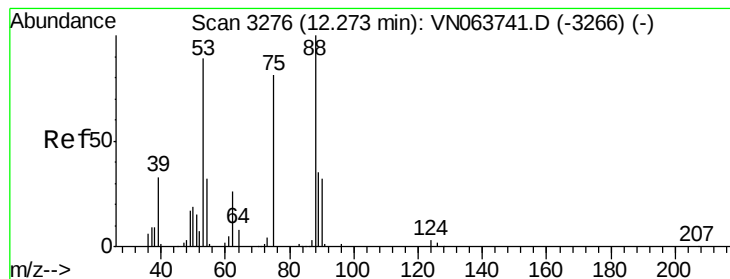
Tgt Ion: 105 Resp: 637885

Ion Ratio Lower Upper

105 100

120 47.1 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 46.081 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

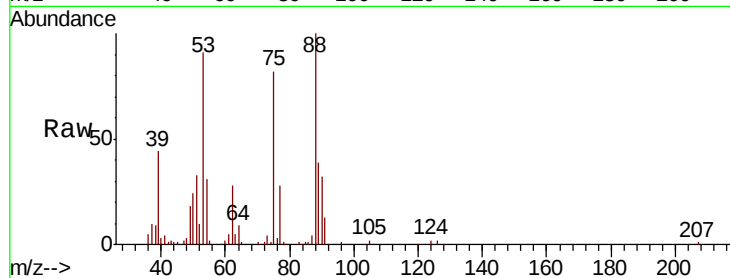
Tot Ion: 75 Resp: 72917

Ion Ratio Lower Upper

75 100

53 111.1 88.2 132.2

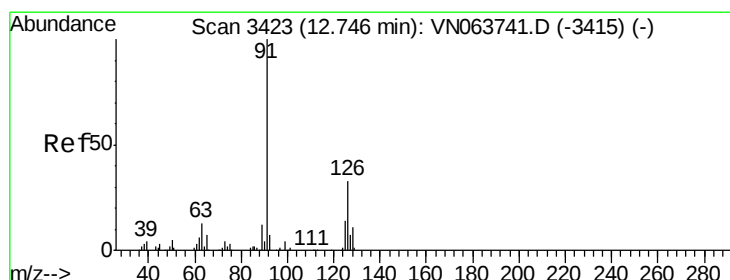
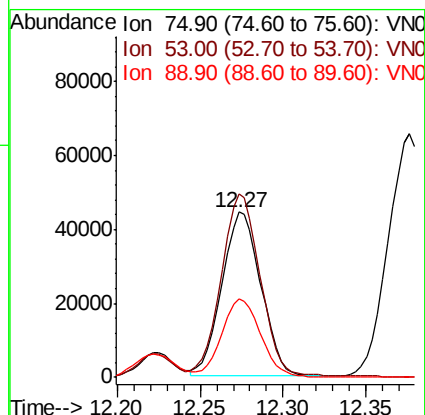
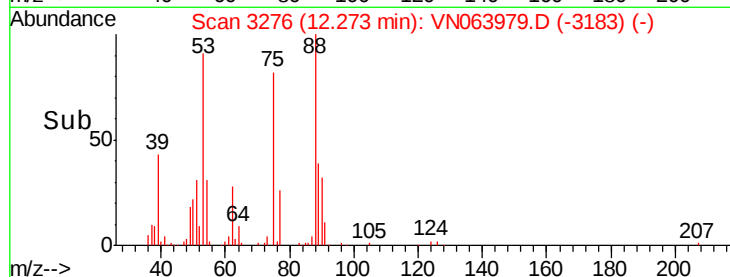
89 46.8 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN063979.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN063979.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN063979.D (-3183) (-)



#82

4-Chlorotoluene

Concen: 49.886 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063979.D

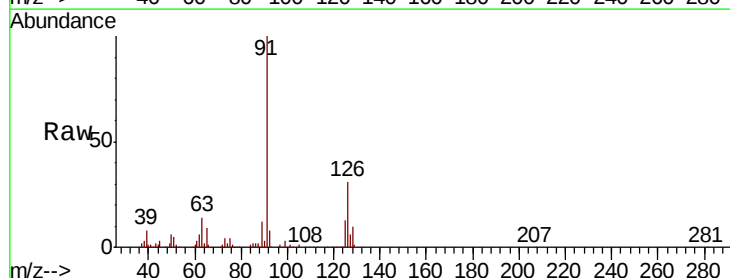
Acq: 8 Oct 2020 7:17

Tgt Ion: 91 Resp: 558960

Ion Ratio Lower Upper

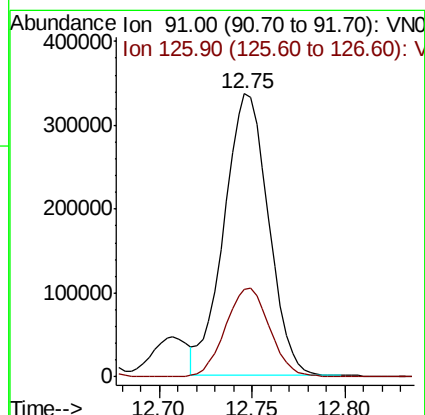
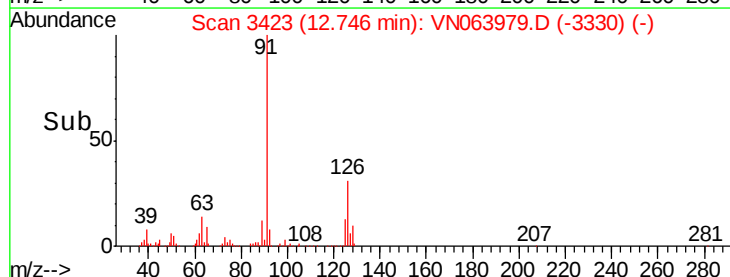
91 100

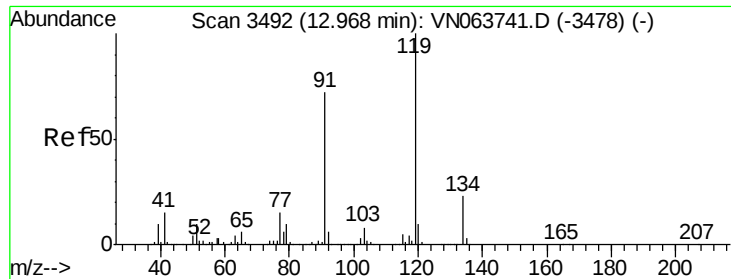
126 31.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN063979.D (-3330) (-)

Ion 125.90 (125.60 to 126.60): VN063979.D (-3330) (-)

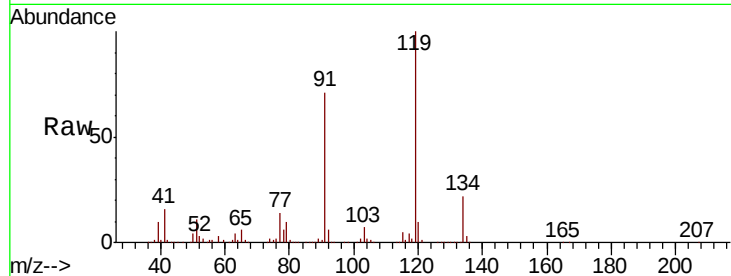




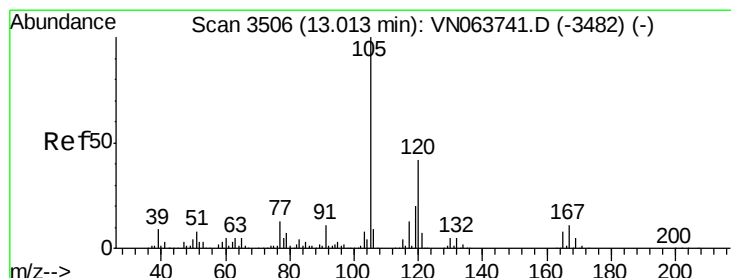
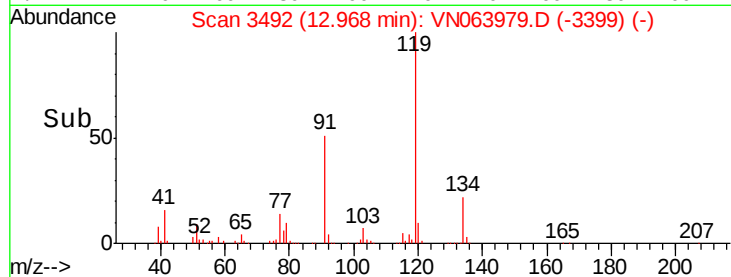
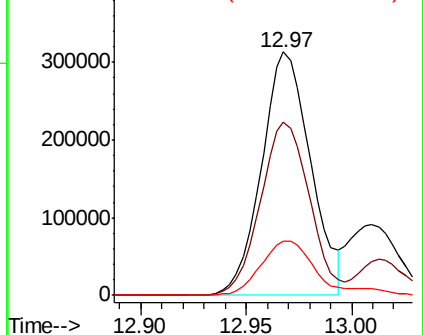
#83
 tert-Butylbenzene
 Concen: 49.090 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 507998
 Ion Ratio Lower Upper
 119 100
 91 71.0 35.5 106.5
 134 25.8 11.7 35.1

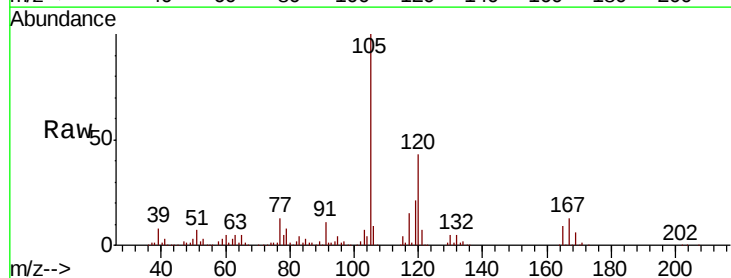


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

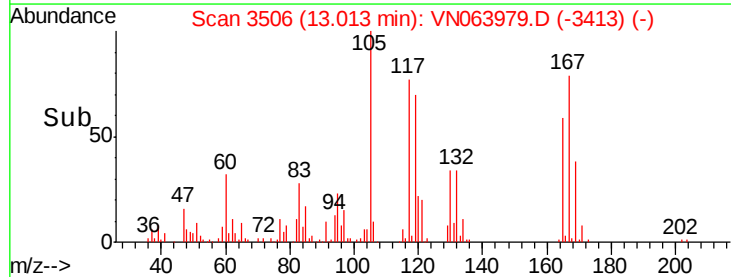
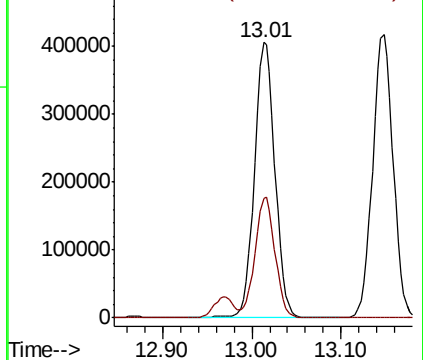


#84
 1,2,4-Trimethylbenzene
 Concen: 51.674 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion:105 Resp: 652695
 Ion Ratio Lower Upper
 105 100
 120 42.4 20.9 62.7



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

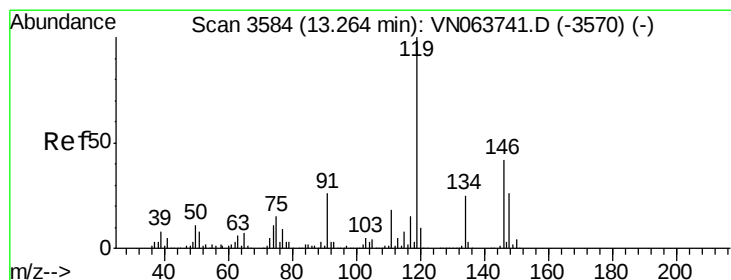
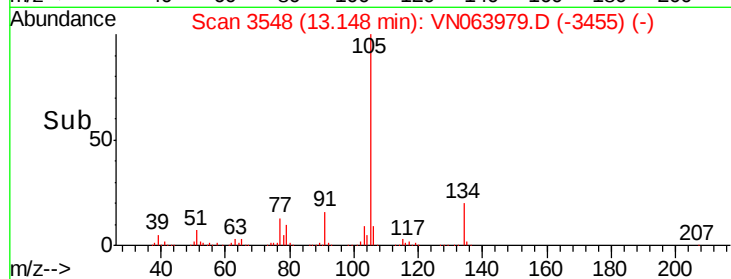
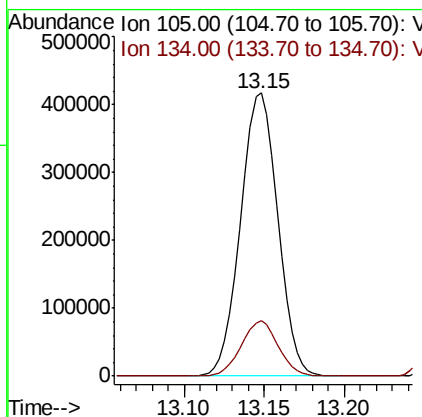
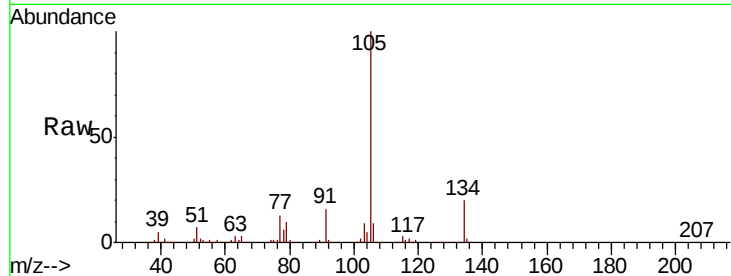




#85
 sec-Butylbenzene
 Concen: 48.492 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

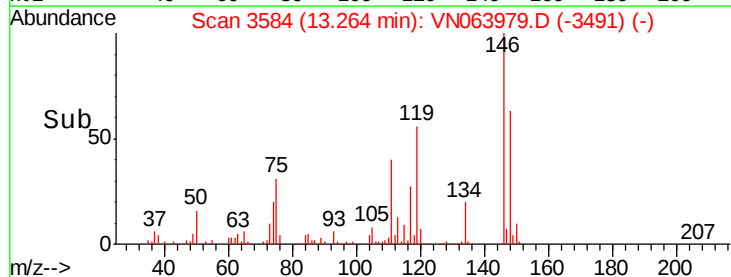
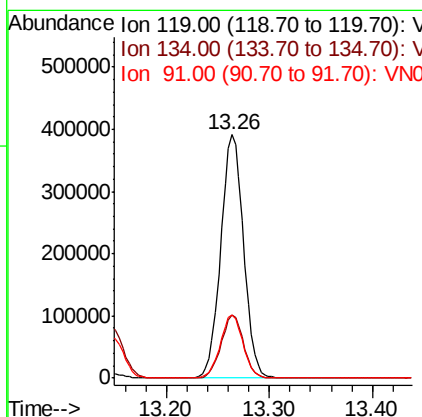
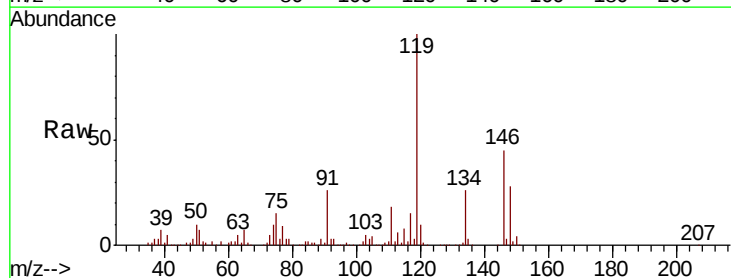
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

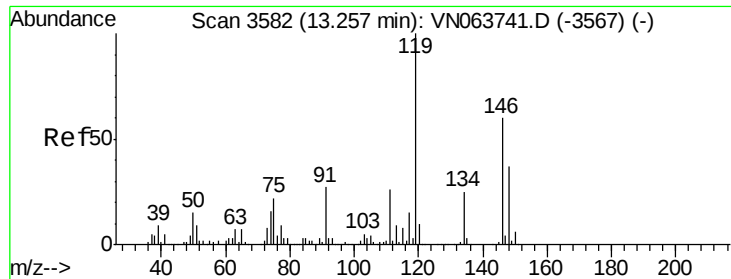
Tot Ion:105 Resp: 659103
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 49.923 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion:119 Resp: 600280
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 25.3 13.4 40.2

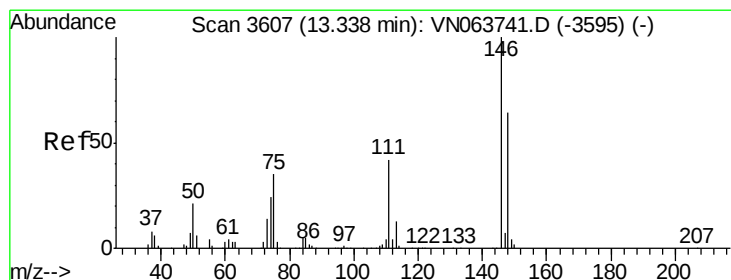
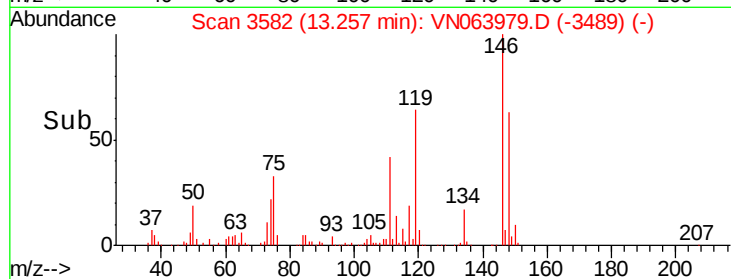
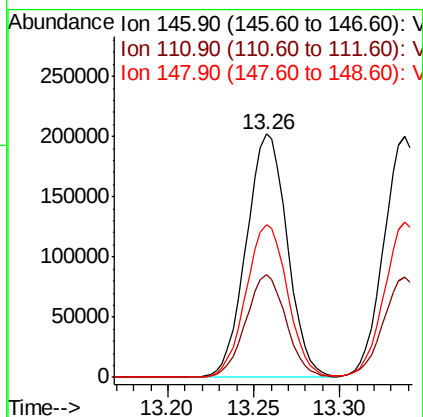
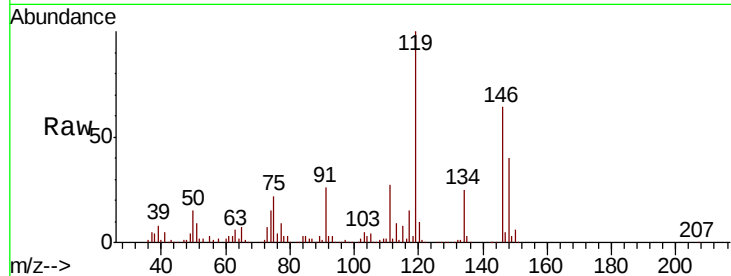




#87
 1,3-Dichlorobenzene
 Concen: 49.903 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

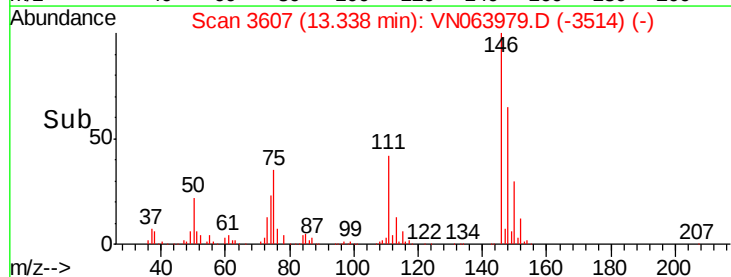
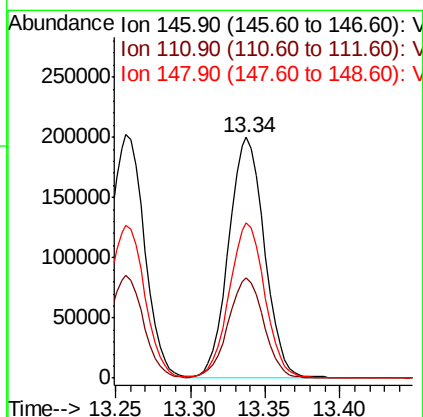
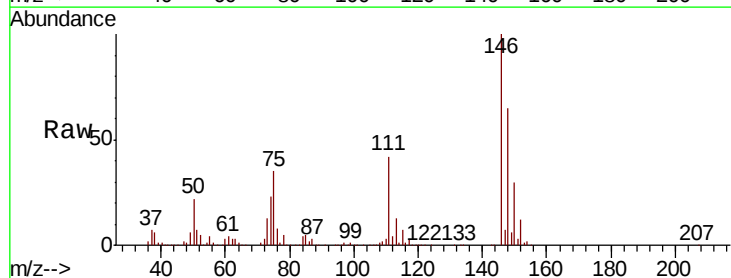
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

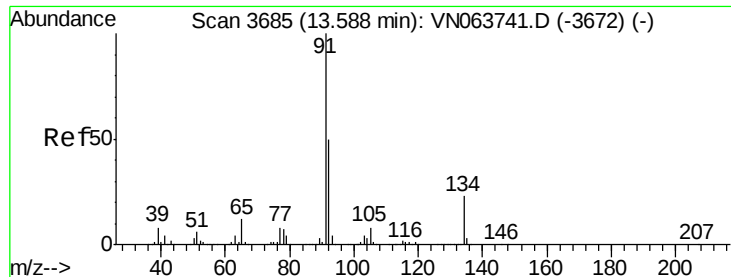
Tot Ion:146 Resp: 334059
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.5 64.5
 148 63.8 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 47.532 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion:146 Resp: 331296
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.3 63.7
 148 64.1 32.0 96.0





#89

n-Butylbenzene

Concen: 44.701 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063979.D

Acq: 8 Oct 2020 7:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

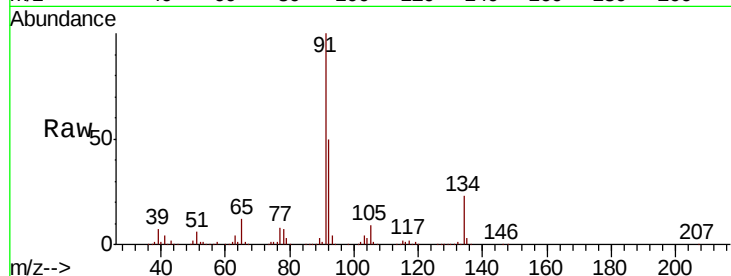
Tot Ion: 91 Resp: 496087

Ion Ratio Lower Upper

91 100

92 51.3 25.4 76.4

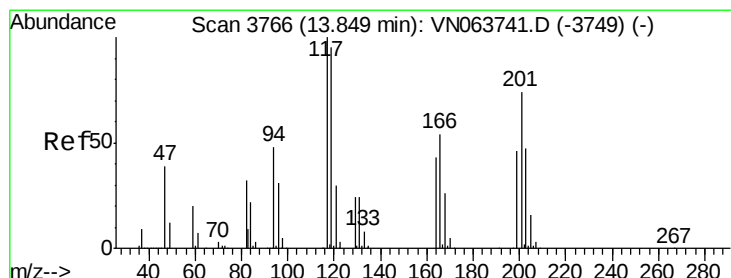
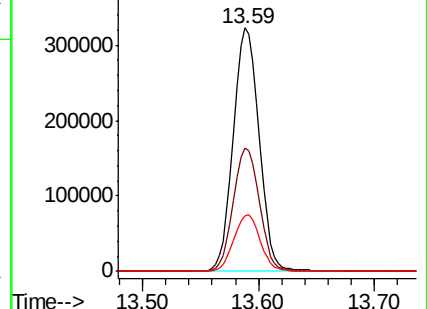
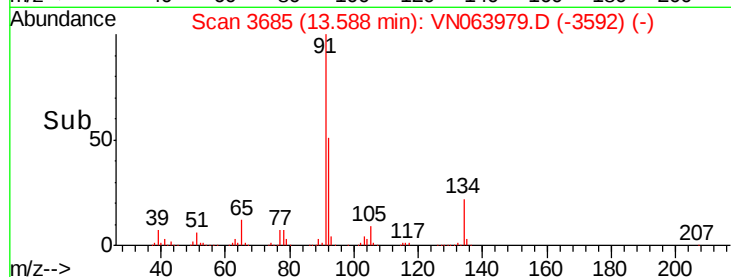
134 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)



#90

Hexachloroethane

Concen: 49.574 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063979.D

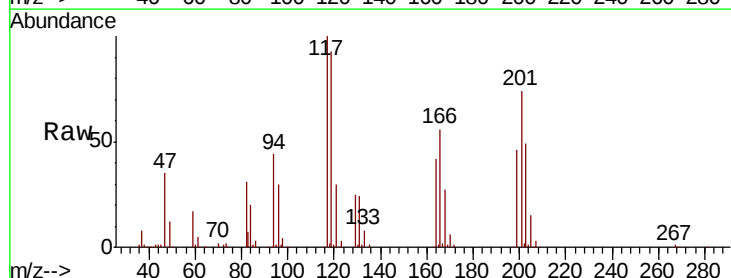
Acq: 8 Oct 2020 7:17

Tgt Ion: 117 Resp: 115509

Ion Ratio Lower Upper

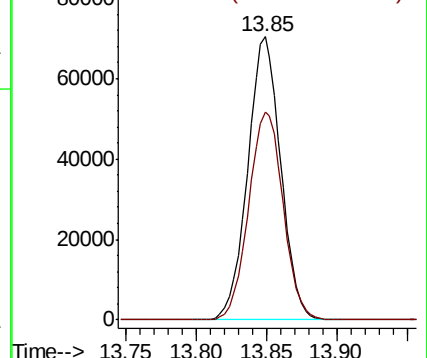
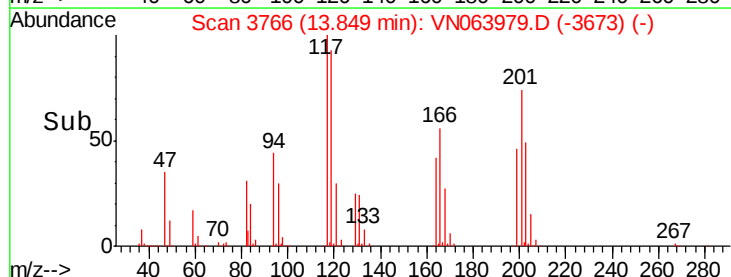
117 100

201 76.7 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

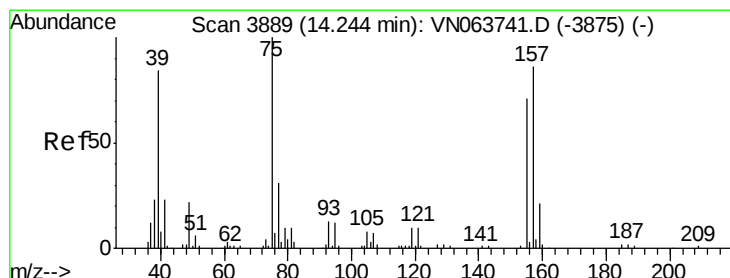
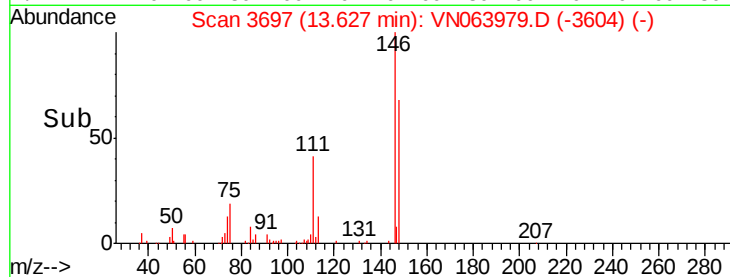
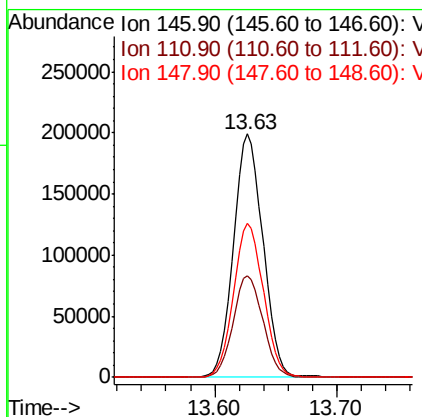
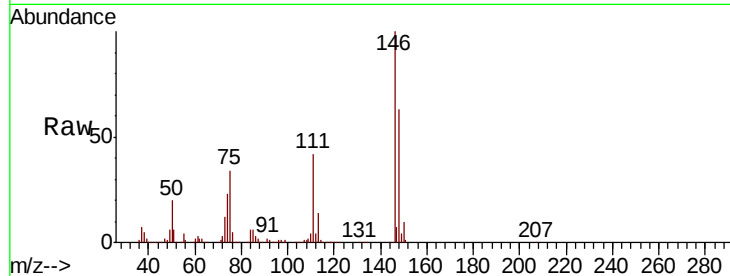




#91
 1,2-Dichlorobenzene
 Concen: 50.282 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

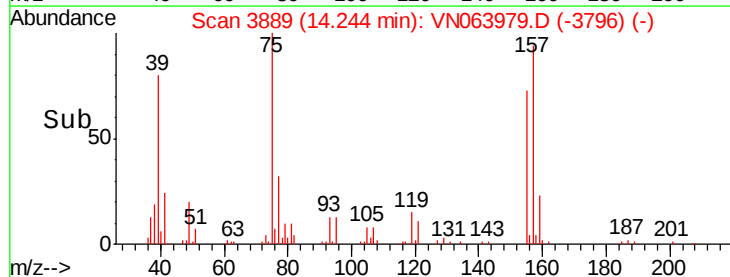
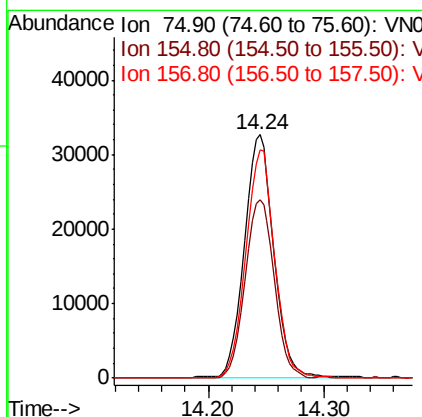
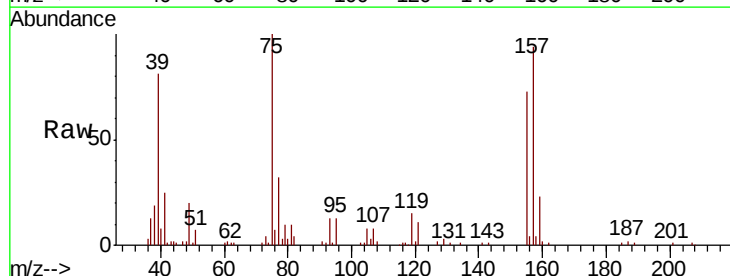
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

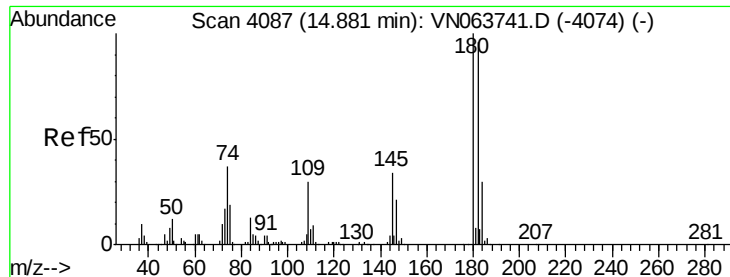
Tot Ion:146 Resp: 333388
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.2 66.6
 148 64.1 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.560 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion: 75 Resp: 57921
 Ion Ratio Lower Upper
 75 100
 155 72.5 34.8 104.5
 157 91.9 43.7 131.1

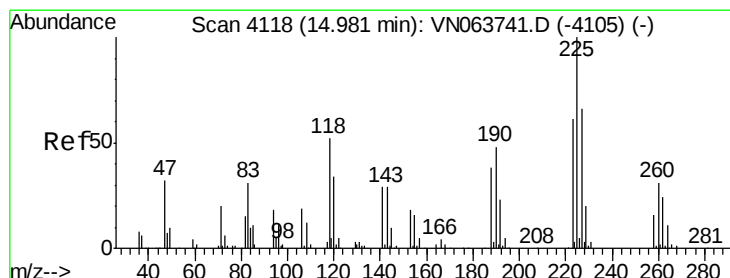
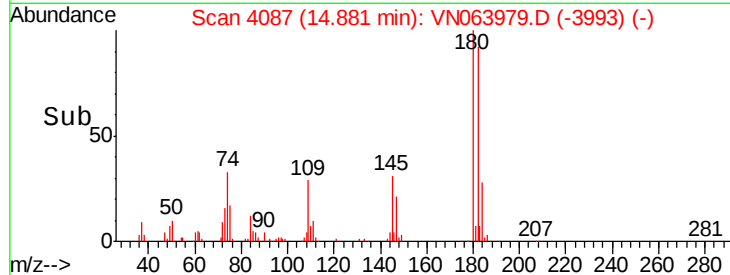
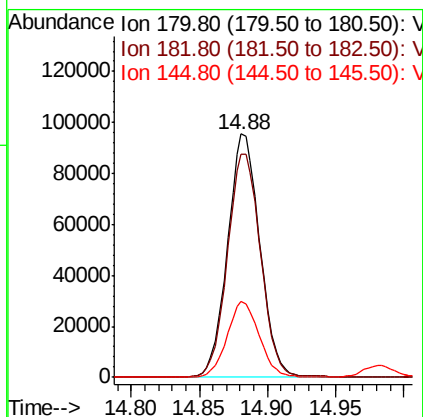
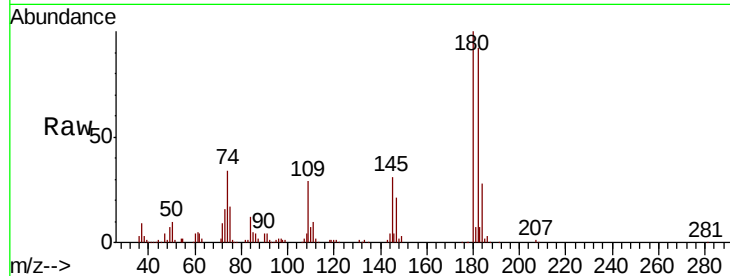




#93
 1,2,4-Trichlorobenzene
 Concen: 43.835 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

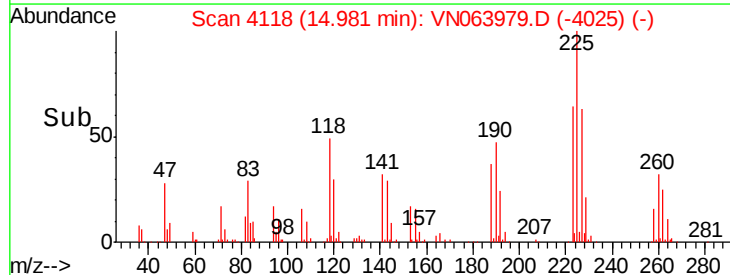
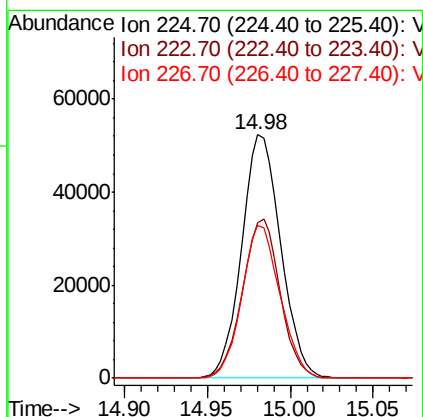
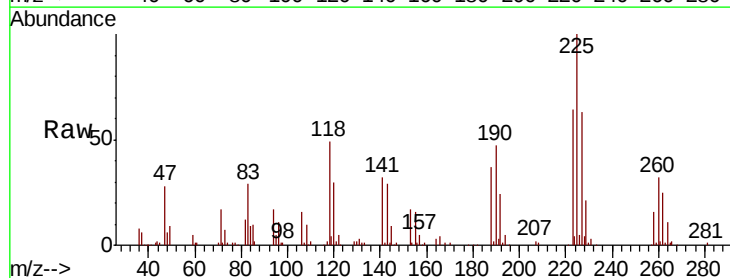
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

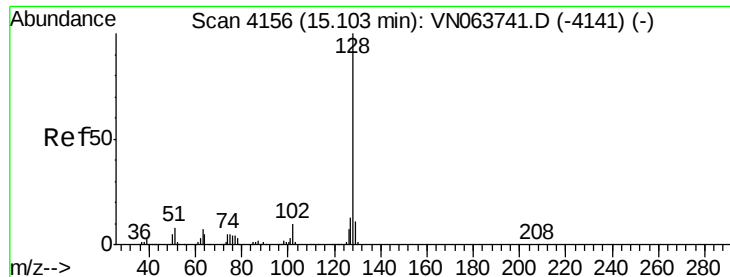
Tot Ion:180 Resp: 157240
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.2 144.6
 145 31.2 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 47.705 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063979.D
 Acq: 8 Oct 2020 7:17

Tgt Ion:225 Resp: 85756
 Ion Ratio Lower Upper
 225 100
 223 63.2 30.3 91.0
 227 61.2 31.9 95.5

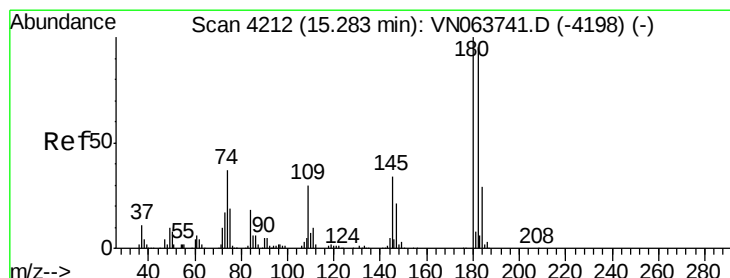
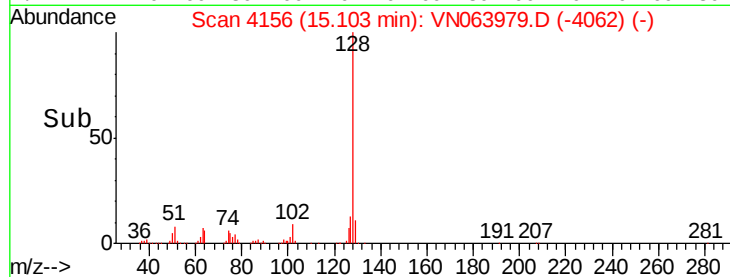
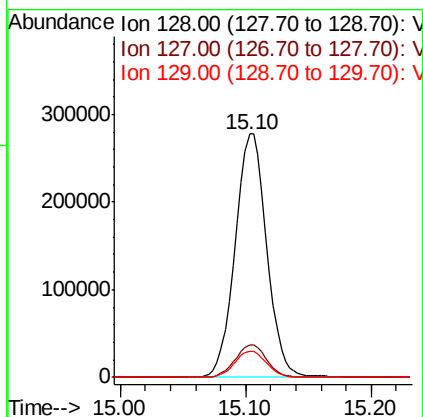
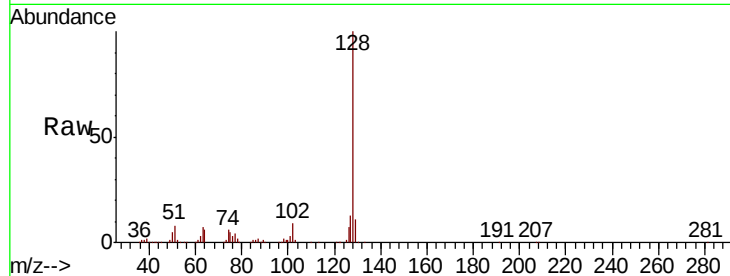




#95
Naphthalene
Concen: 43.857 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 486508
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.525 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063979.D
Acq: 8 Oct 2020 7:17

Tgt Ion:180 Resp: 155075
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.6
145 35.0 17.2 51.5

