

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063761.D
 Acq On : 30 Sep 2020 19:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 01 02:17:06 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	282970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	484053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	454686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	242740	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	7.55	113	168643	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	10.06	98	634397	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.38	95	248017	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	147783	49.495	ug/l	100
3) Chloromethane	2.04	50	177948	50.793	ug/l	98
4) Vinyl Chloride	2.16	62	172369	49.014	ug/l	98
5) Bromomethane	2.53	94	82653	37.365	ug/l	93
6) Chloroethane	2.67	64	106365	50.616	ug/l	98
7) Trichlorofluoromethane	2.98	101	272543	48.865	ug/l	97
8) Diethyl Ether	3.37	74	97042	51.446	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	142858	47.921	ug/l	99
10) Methyl Iodide	3.91	142	150195	43.392	ug/l	100
11) Tert butyl alcohol	4.73	59	126119	244.360	ug/l	99
12) 1,1-Dichloroethene	3.70	96	140390	49.269	ug/l	99
13) Acrolein	3.57	56	79478	250.905	ug/l	98
14) Allyl chloride	4.27	41	264294	49.926	ug/l	99
15) Acrylonitrile	4.93	53	370494	250.781	ug/l	99
16) Acetone	3.77	43	336857	234.079	ug/l	97
17) Carbon Disulfide	4.01	76	372857	48.435	ug/l	100
18) Methyl Acetate	4.28	43	202762	54.267	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	535101	51.689	ug/l	98
20) Methylene Chloride	4.51	84	163836	49.705	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	152978	47.931	ug/l	100
22) Diisopropyl ether	5.90	45	570449	52.376	ug/l	99
23) Vinyl Acetate	5.84	43	2334364	258.739	ug/l	99
24) 1,1-Dichloroethane	5.80	63	305133	48.998	ug/l	98
25) 2-Butanone	6.78	43	513639	251.753	ug/l	100
26) 2,2-Dichloropropane	6.78	77	245231	43.001	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	181905	49.556	ug/l	98
28) Bromochloromethane	7.15	49	150530	48.906	ug/l	99
29) Tetrahydrofuran	7.16	42	350850	256.398	ug/l	99
30) Chloroform	7.33	83	322921	49.732	ug/l	93
31) Cyclohexane	7.61	56	249214	45.919	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	297000	50.710	ug/l	99
36) 1,1-Dichloropropene	7.75	75	233825	47.681	ug/l	99
37) Ethyl Acetate	6.88	43	230250	47.259	ug/l	99
38) Carbon Tetrachloride	7.74	117	254854	46.346	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	223433	45.688	ug/l	99
40) Benzene	8.00	78	666096	47.555	ug/l	99
41) Methacrylonitrile	7.16	41	334895	154.660	ug/l #	35
42) 1,2-Dichloroethane	8.09	62	288422	48.239	ug/l	99
43) Isopropyl Acetate	8.13	43	398122	49.540	ug/l	99
44) Trichloroethene	8.80	130	171408	46.705	ug/l	100
45) 1,2-Dichloropropane	9.08	63	180570	47.734	ug/l	99
46) Dibromomethane	9.17	93	125807	48.210	ug/l	97
47) Bromodichloromethane	9.37	83	258951	48.148	ug/l	97
48) Methyl methacrylate	9.17	41	202094	50.899	ug/l	98
49) 1,4-Dioxane	9.17	88	49975	885.626	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1182066	250.645	ug/l	100
52) Toluene	10.13	92	425076	49.064	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	286488	49.694	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	291900	48.414	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	170648	49.115	ug/l	99
56) Ethyl methacrylate	10.40	69	258528	52.494	ug/l	99
57) 1,3-Dichloropropane	10.68	76	291798	49.641	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	679770	258.038	ug/l	100
59) 2-Hexanone	10.72	43	859532	245.341	ug/l	100
60) Dibromochloromethane	10.87	129	195901	48.415	ug/l	99
61) 1,2-Dibromoethane	10.98	107	180989	50.924	ug/l	100
64) Tetrachloroethene	10.60	164	153952	43.764	ug/l	98
65) Chlorobenzene	11.41	112	451004	48.355	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	174653	48.844	ug/l	99
67) Ethyl Benzene	11.48	91	853909	50.313	ug/l	99
68) m/p-Xylenes	11.59	106	621786	98.301	ug/l	98
69) o-Xylene	11.92	106	301631	51.019	ug/l	100
70) Styrene	11.94	104	526521	52.465	ug/l	99
71) Bromoform	12.10	173	132479	48.443	ug/l #	96
73) Isopropylbenzene	12.23	105	803161	49.410	ug/l	99
74) N-amyl acetate	12.04	43	520113	68.009	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	244007	49.090	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	331930	67.567	ug/l #	100
77) Bromobenzene	12.50	156	204447	51.258	ug/l	96
78) n-propylbenzene	12.57	91	929652	49.143	ug/l	99
79) 2-Chlorotoluene	12.65	91	566815	48.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	687180	50.391	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	82108	48.138	ug/l	99
82) 4-Chlorotoluene	12.75	91	603264	49.948	ug/l	100
83) tert-Butylbenzene	12.97	119	546354	48.979	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	703858	51.696	ug/l	98
85) sec-Butylbenzene	13.15	105	714611	48.775	ug/l	99
86) p-Isopropyltoluene	13.26	119	658441	50.801	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	352322	48.826	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	356680	47.474	ug/l	99
89) n-Butylbenzene	13.59	91	584779	48.883	ug/l	99
90) Hexachloroethane	13.85	117	118405	47.144	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	347134	48.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55887	47.943	ug/l	94

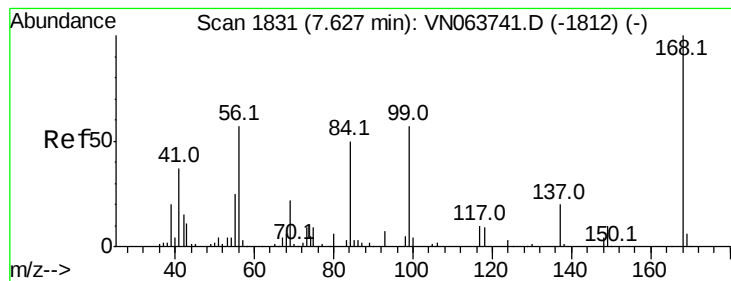
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	192534	49.557	ug/l	98
94) Hexachlorobutadiene	14.98	225	91001	46.964	ug/l	99
95) Naphthalene	15.10	128	657701	54.515	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	182049	48.351	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

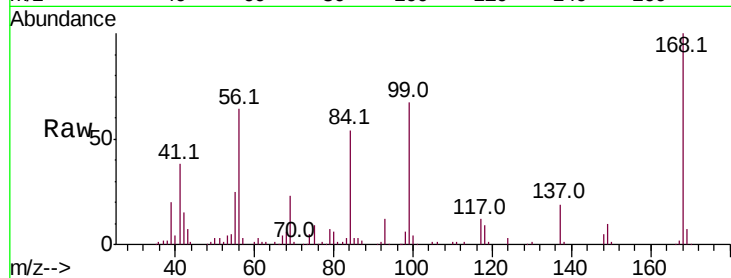
VSTDCCC050EC

Tot Ion:168 Resp: 282970

Ion Ratio Lower Upper

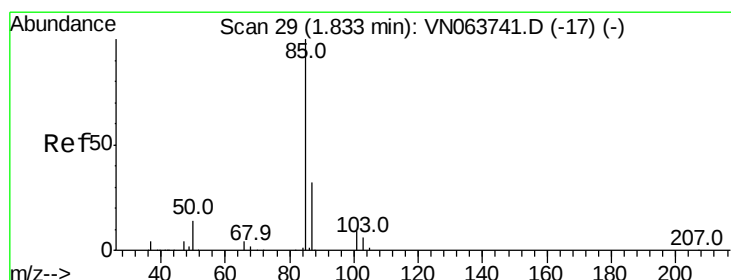
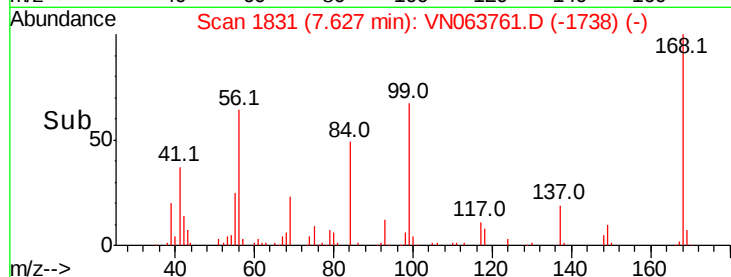
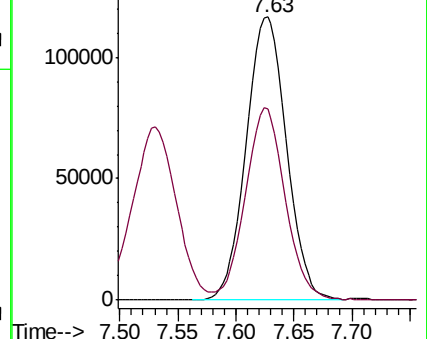
168 100

99 67.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.495 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063761.D

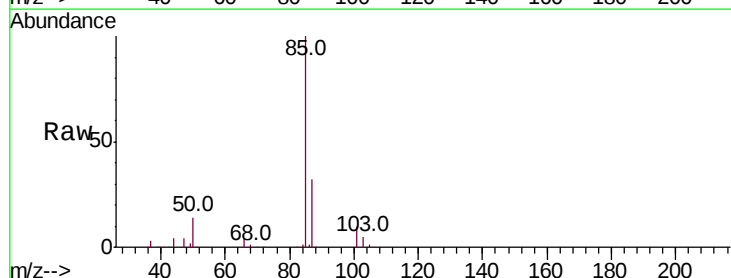
Acq: 30 Sep 2020 19:55

Tgt Ion: 85 Resp: 147783

Ion Ratio Lower Upper

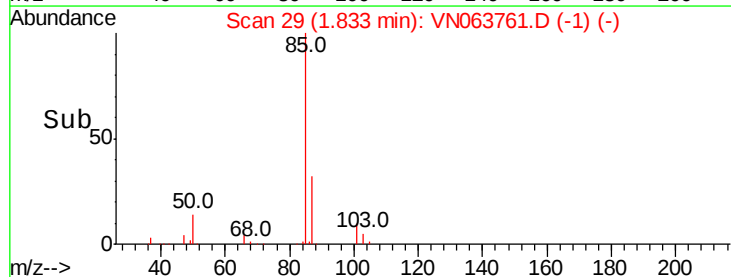
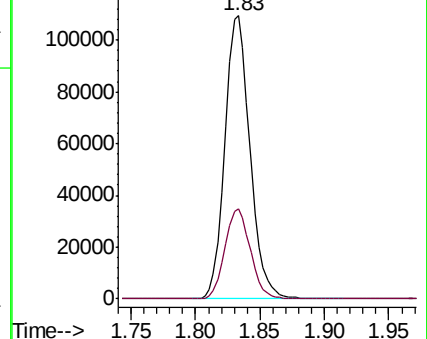
85 100

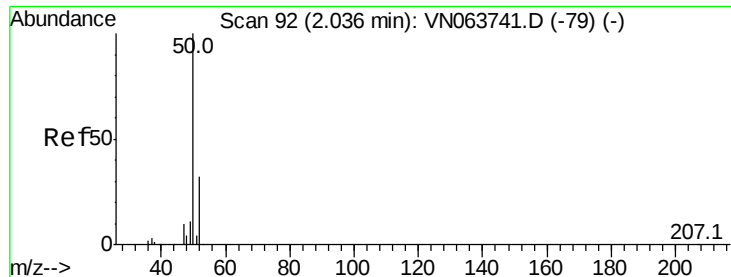
87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 50.793 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

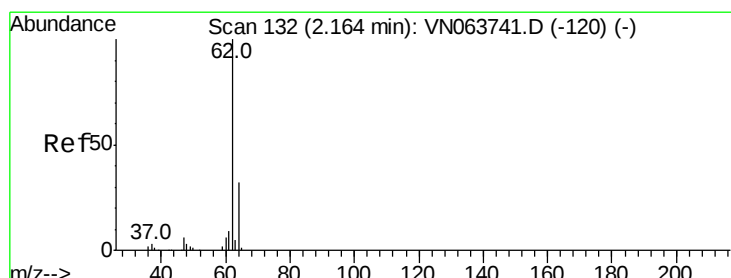
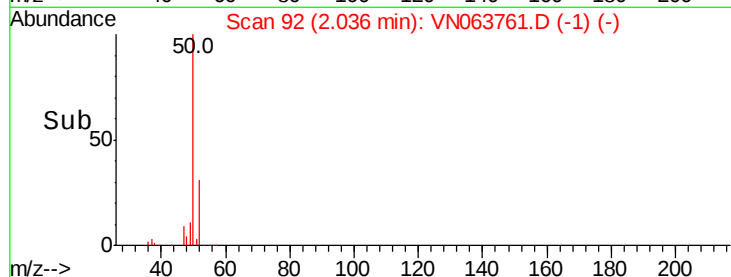
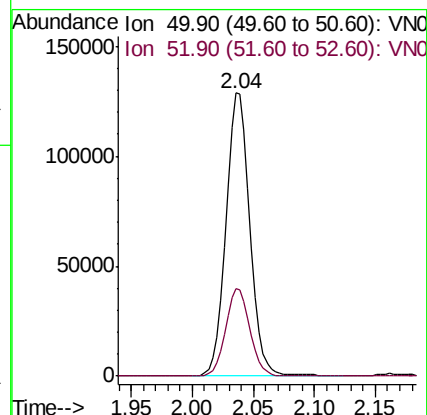
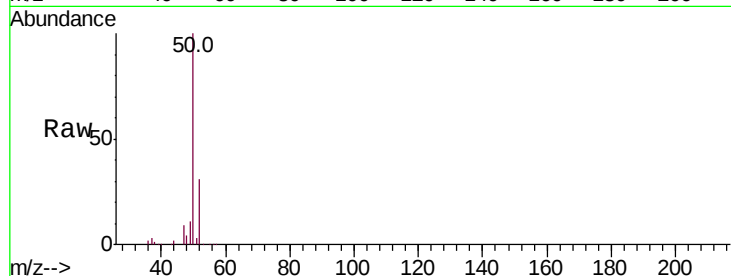
VSTDCCC050EC

Tot Ion: 50 Resp: 177948

Ion Ratio Lower Upper

50 100

52 31.1 25.8 38.8



#4

Vinyl Chloride

Concen: 49.014 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063761.D

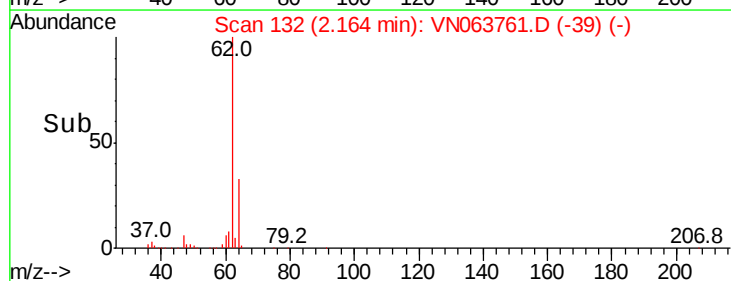
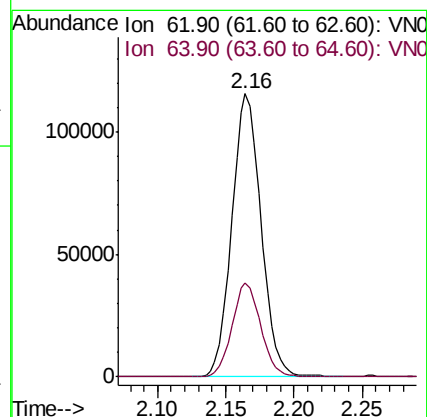
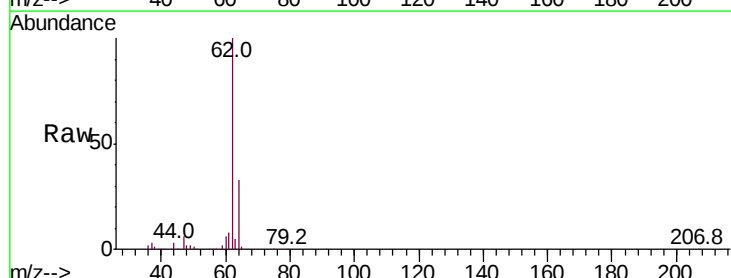
Acq: 30 Sep 2020 19:55

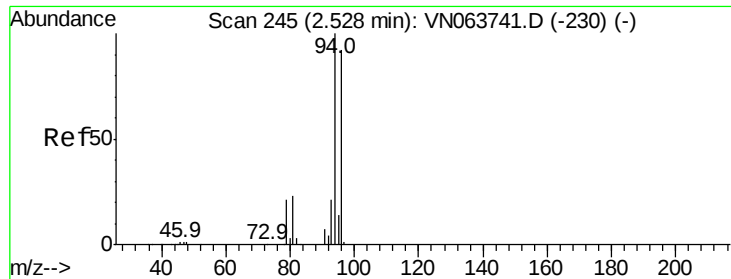
Tgt Ion: 62 Resp: 172369

Ion Ratio Lower Upper

62 100

64 33.4 25.6 38.4





#5

Bromomethane

Concen: 37.365 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

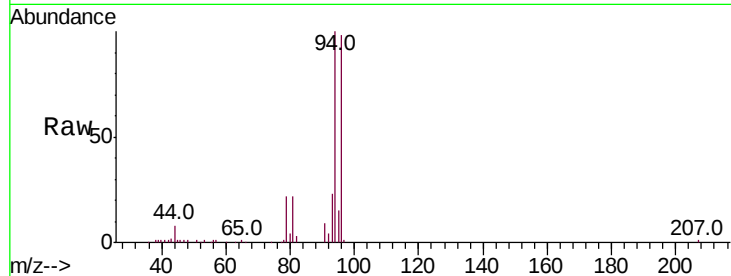
VSTDCCC050EC

Tot Ion: 94 Resp: 82653

Ion Ratio Lower Upper

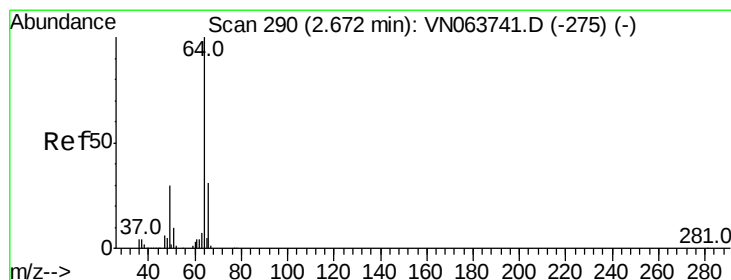
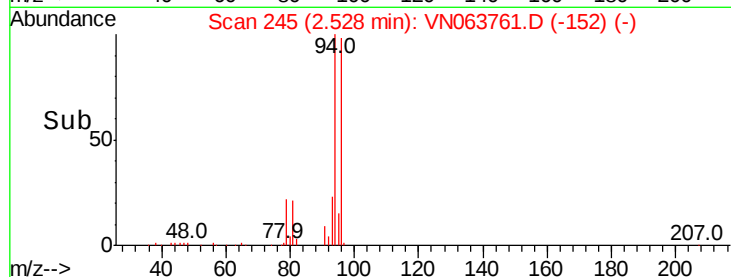
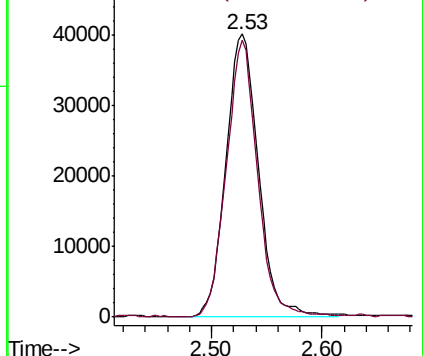
94 100

96 98.0 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.616 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063761.D

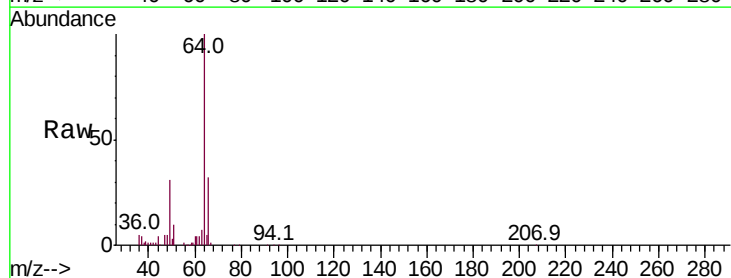
Acq: 30 Sep 2020 19:55

Tgt Ion: 64 Resp: 106365

Ion Ratio Lower Upper

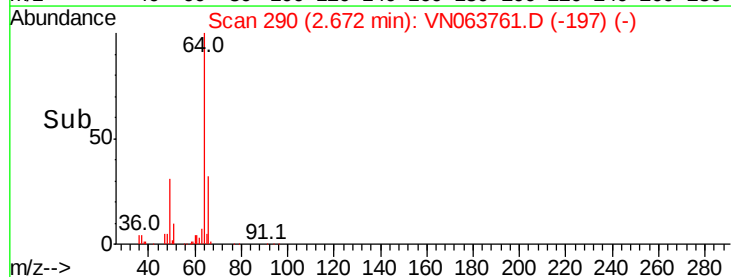
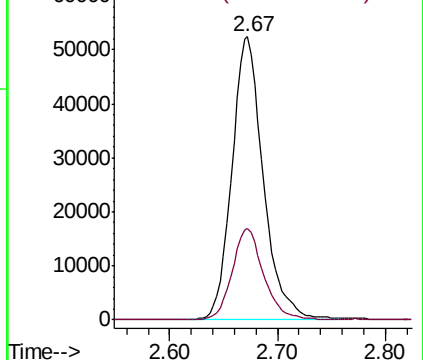
64 100

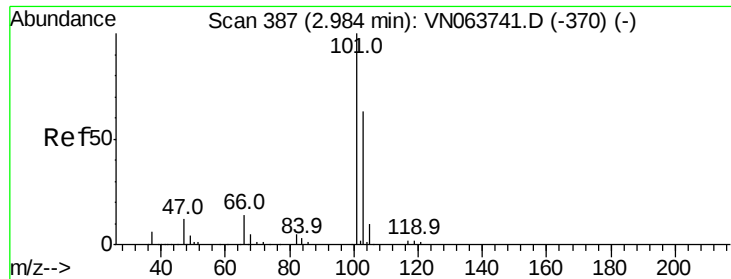
66 32.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



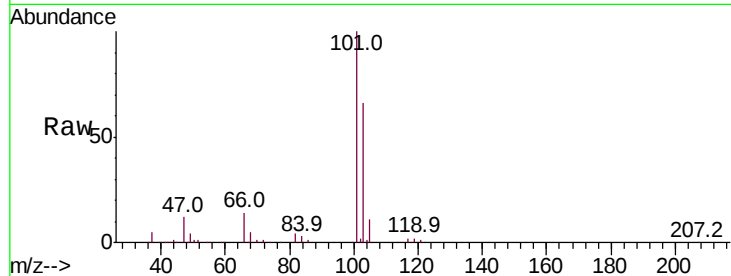


#7

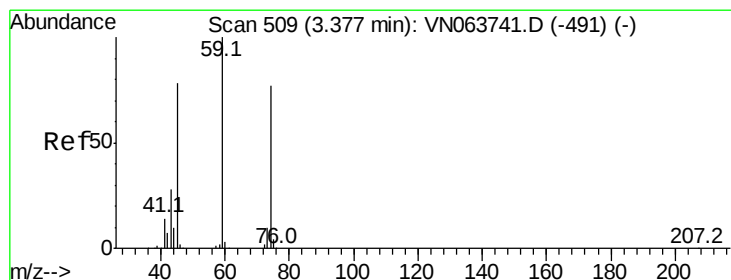
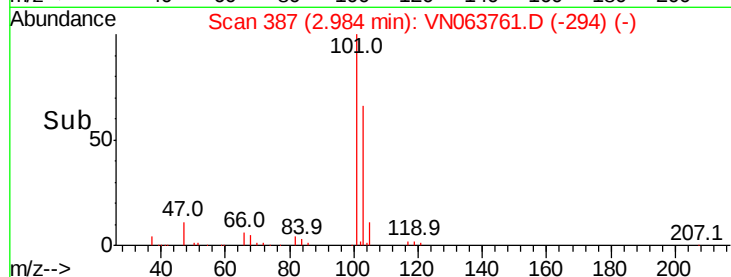
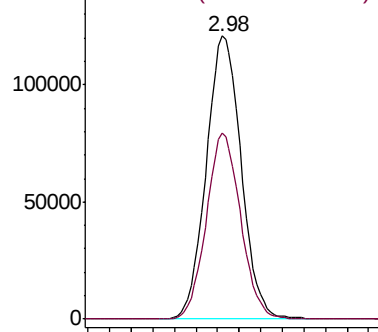
Trichlorofluoromethane
 Concen: 48.865 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063761.D
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Tot Ion:101 Resp: 272543
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.7 76.1



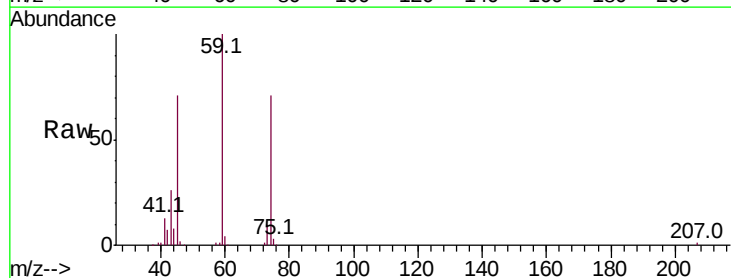
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



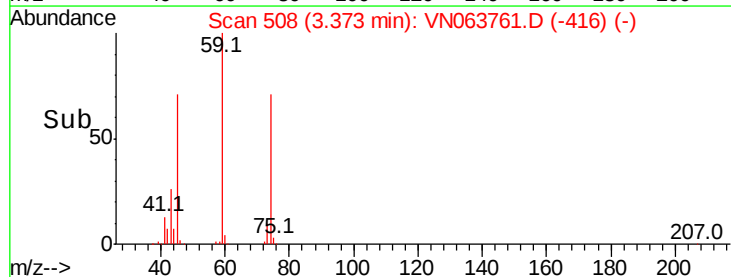
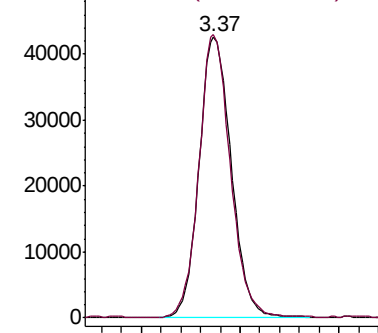
#8

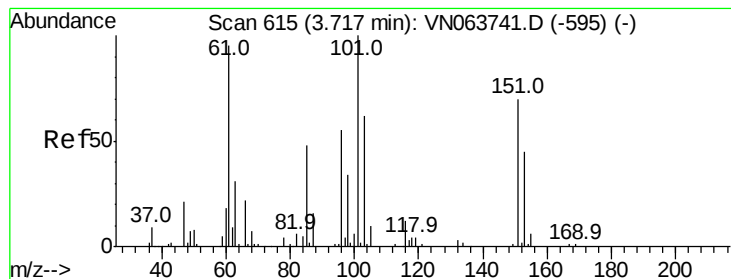
Diethyl Ether
 Concen: 51.446 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

Tgt Ion: 74 Resp: 97042
 Ion Ratio Lower Upper
 74 100
 45 98.8 50.9 152.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
 50000 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.921 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

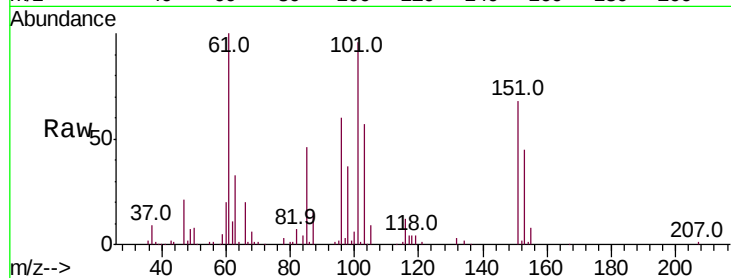
Tot Ion:101 Resp: 142858

Ion Ratio Lower Upper

101 100

85 48.0 38.6 58.0

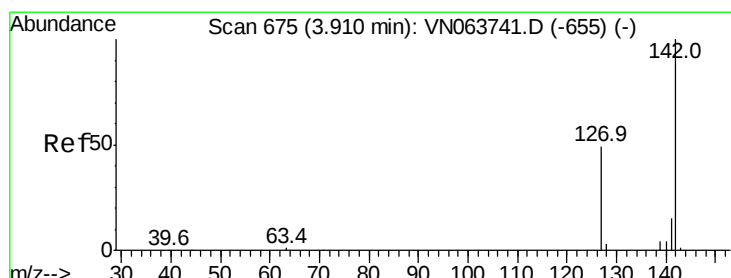
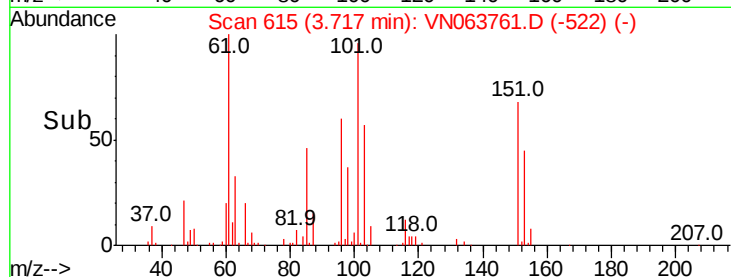
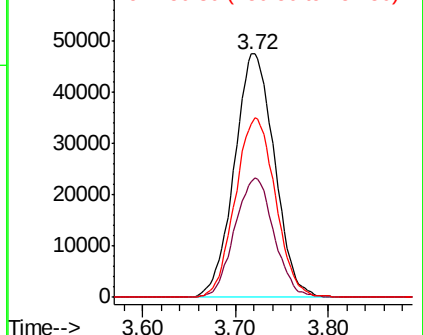
151 73.9 58.7 88.1



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: 43.392 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

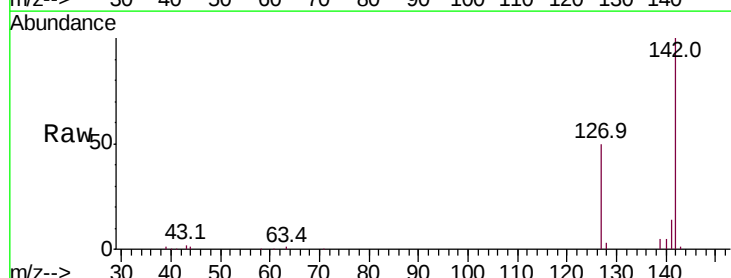
Tgt Ion:142 Resp: 150195

Ion Ratio Lower Upper

142 100

127 50.9 40.5 60.7

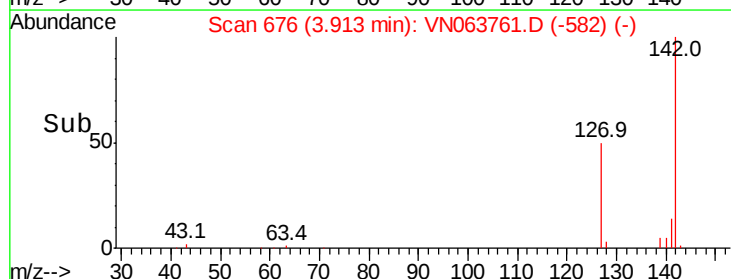
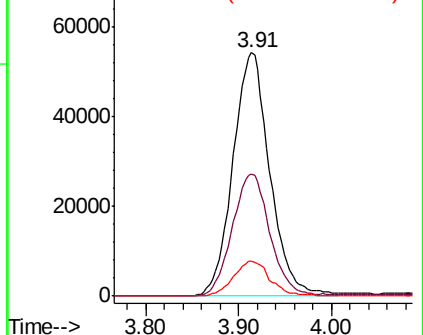
141 14.3 11.7 17.5

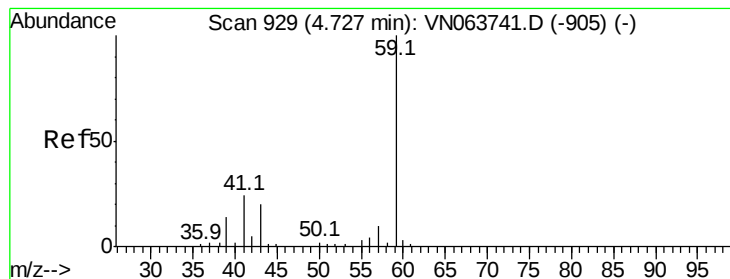


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



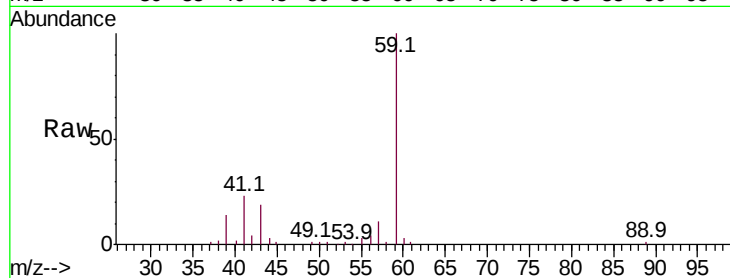


#11

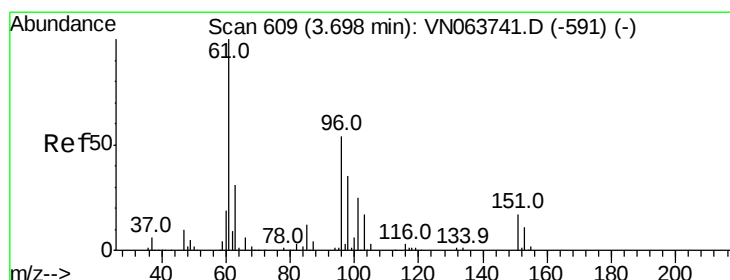
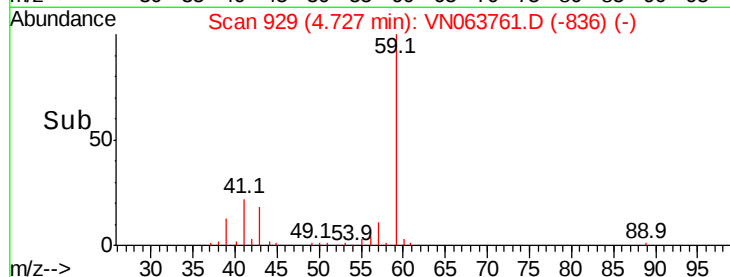
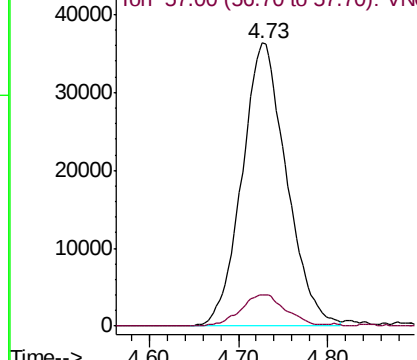
Tert butyl alcohol
 Concen: 244.360 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 126119
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.7 13.1



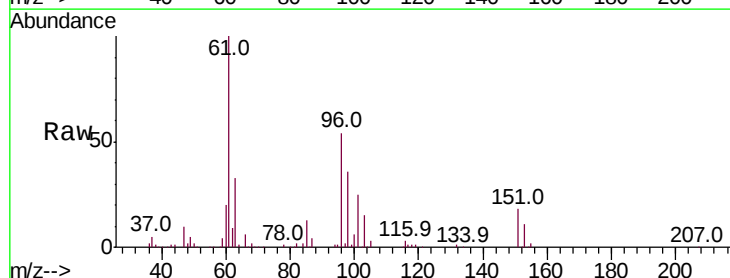
Abundance Ion 59.00 (58.70 to 59.70): VNO
 Ion 57.00 (56.70 to 57.70): VNO



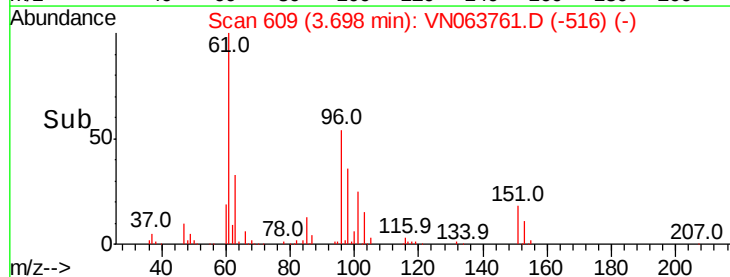
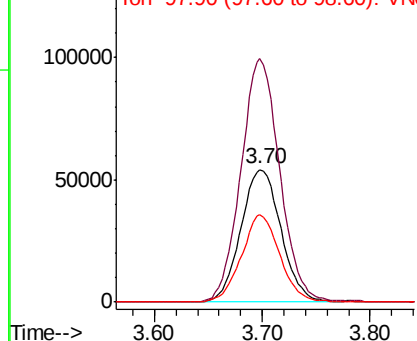
#12

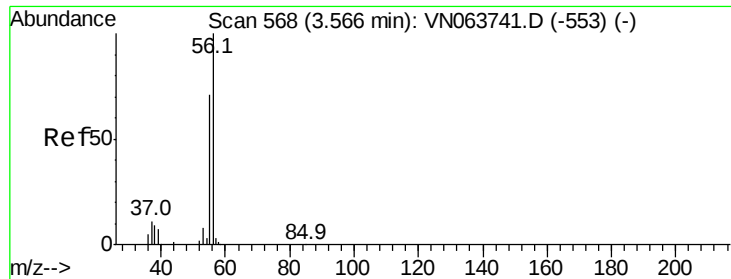
1,1-Dichloroethene
 Concen: 49.269 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

Tgt Ion: 96 Resp: 140390
 Ion Ratio Lower Upper
 96 100
 61 183.5 147.7 221.5
 98 66.1 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VNO
 Ion 60.90 (60.60 to 61.60): VNO
 Ion 97.90 (97.60 to 98.60): VNO





#13

Acrolein

Concen: 250.905 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

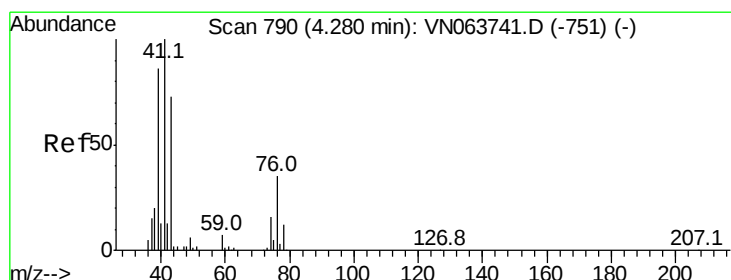
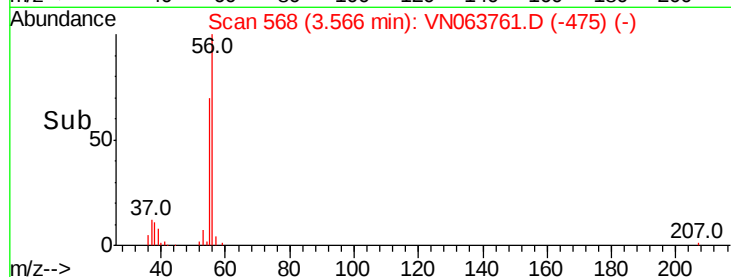
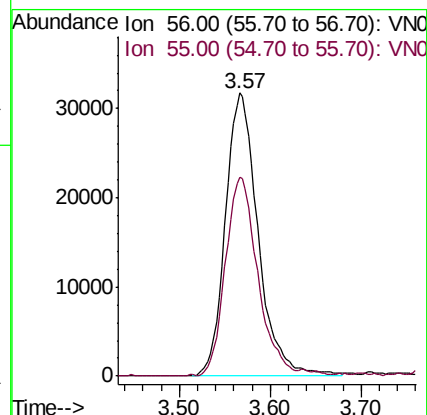
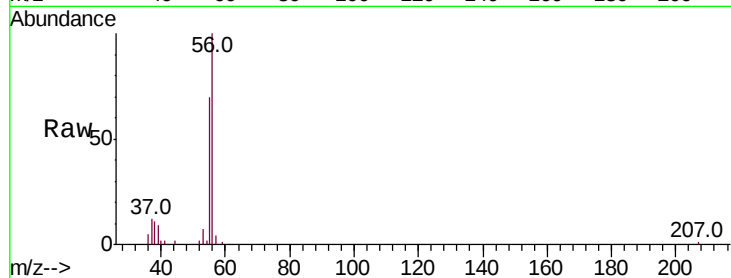
VSTDCCC050EC

Tot Ion: 56 Resp: 79478

Ion Ratio Lower Upper

56 100

55 69.3 56.9 85.3



#14

Allyl chloride

Concen: 49.926 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

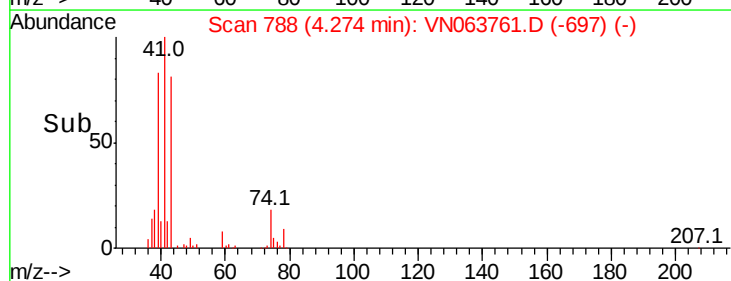
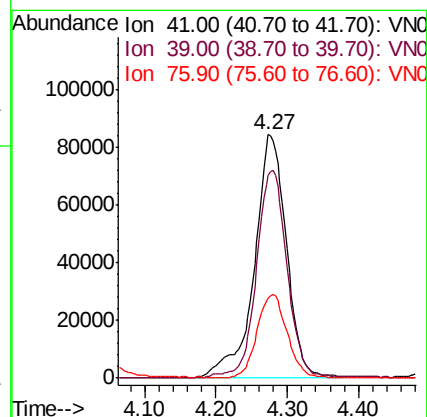
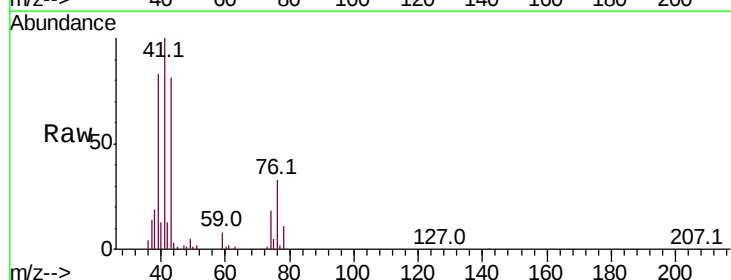
Tgt Ion: 41 Resp: 264294

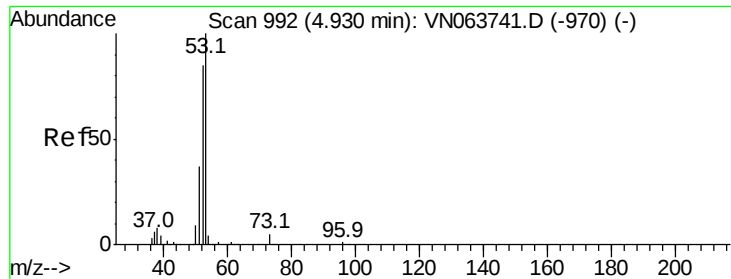
Ion Ratio Lower Upper

41 100

39 80.5 64.5 96.7

76 31.5 25.9 38.9





#15

Acrylonitrile

Concen: 250.781 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

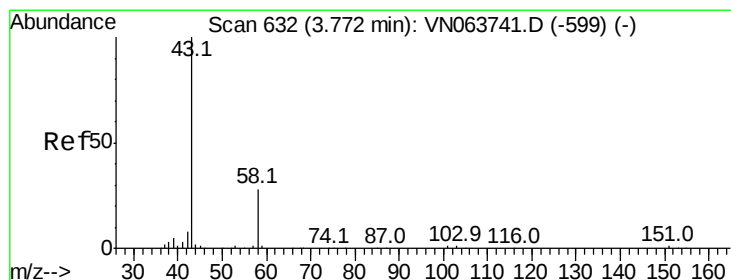
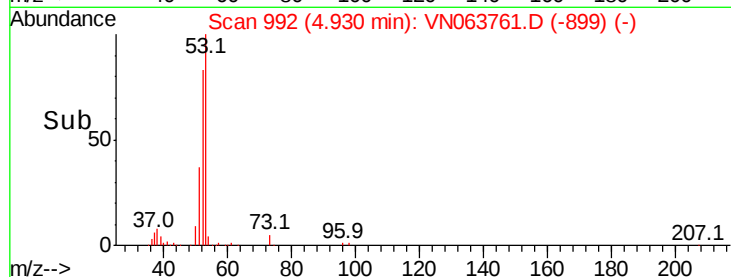
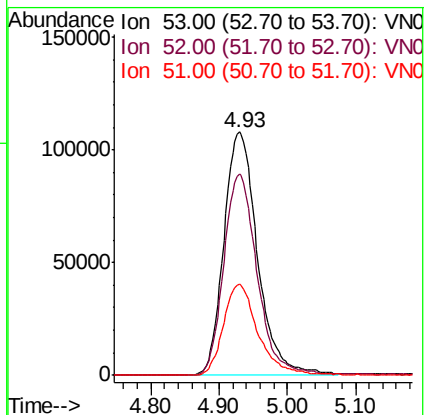
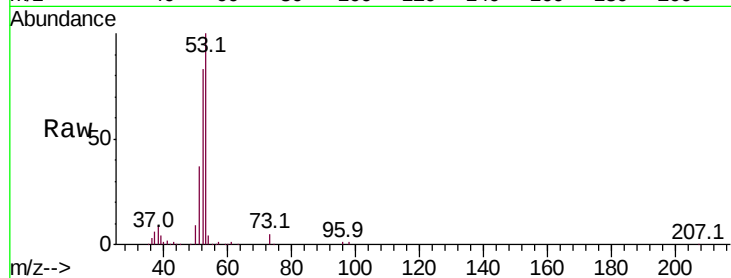
Tot Ion: 53 Resp: 370494

Ion Ratio Lower Upper

53 100

52 82.0 66.5 99.7

51 38.6 29.9 44.9



#16

Acetone

Concen: 234.079 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063761.D

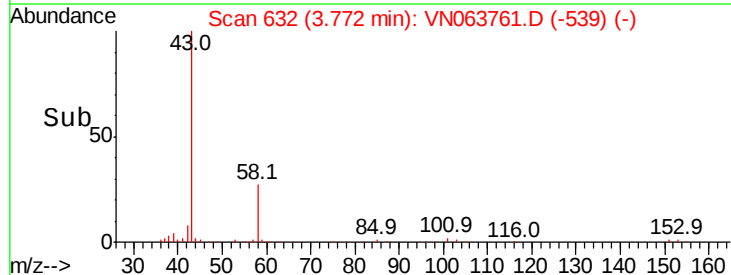
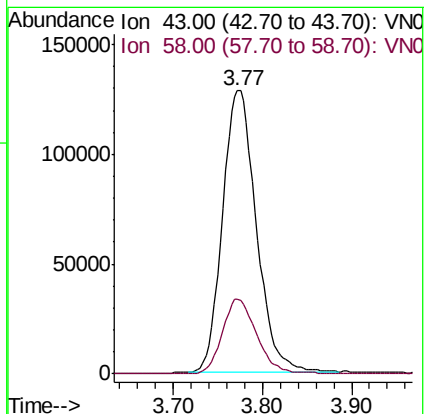
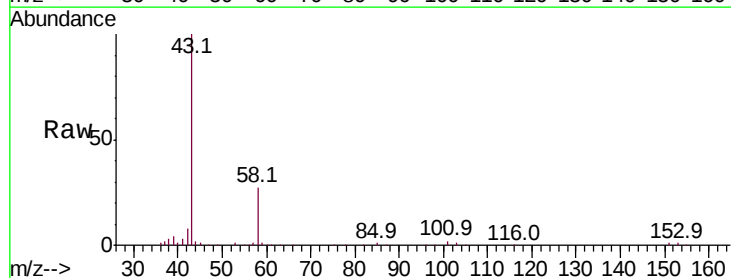
Acq: 30 Sep 2020 19:55

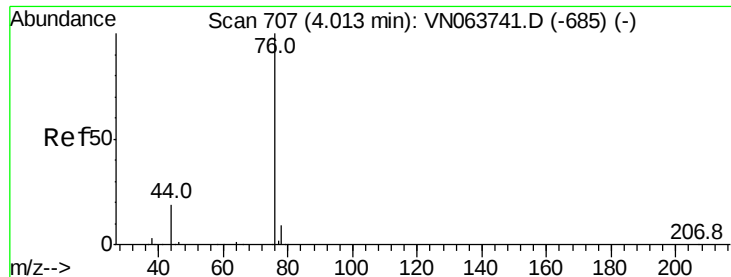
Tgt Ion: 43 Resp: 336857

Ion Ratio Lower Upper

43 100

58 26.5 22.3 33.5

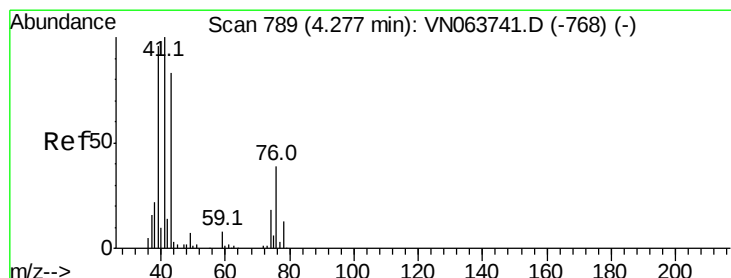
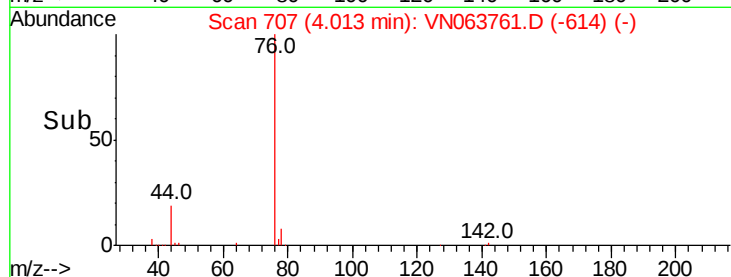
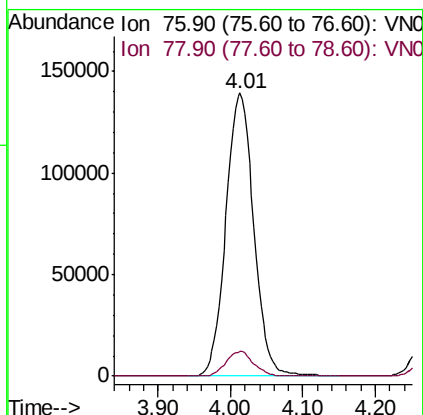
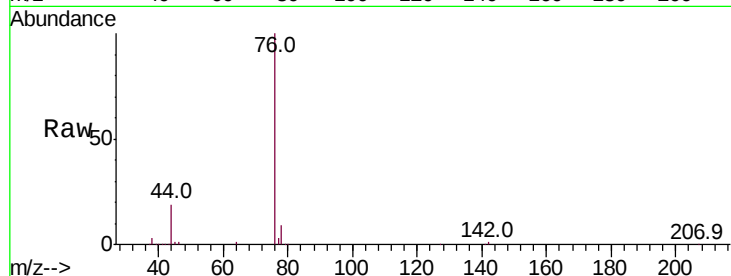




#17
Carbon Disulfide
Concen: 48.435 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

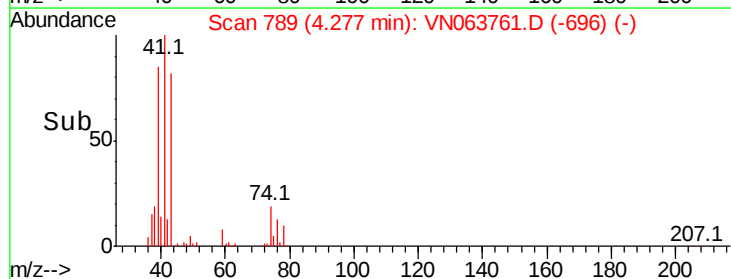
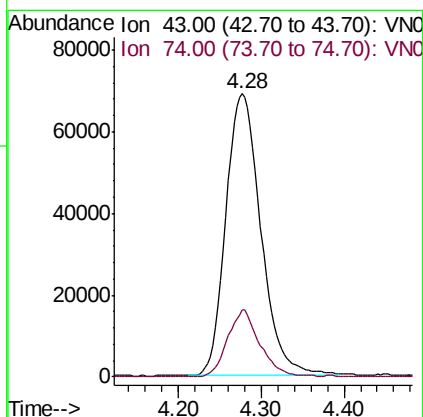
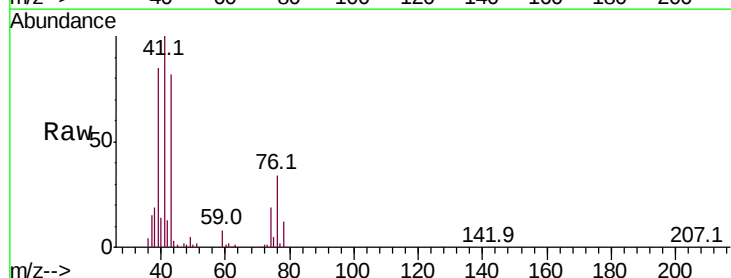
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

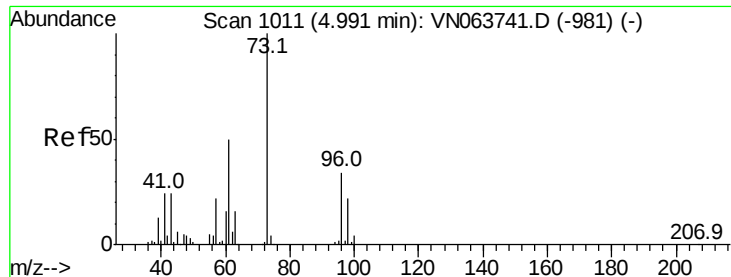
Tot Ion: 76 Resp: 372857
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 54.267 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion: 43 Resp: 202762
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2

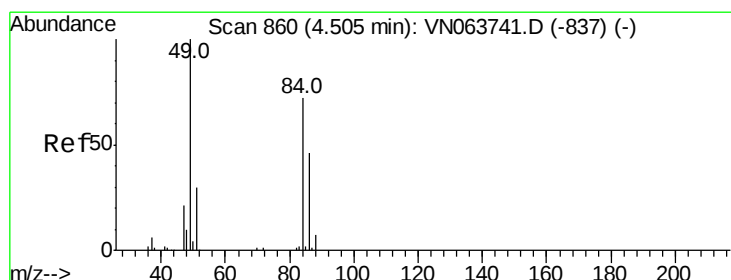
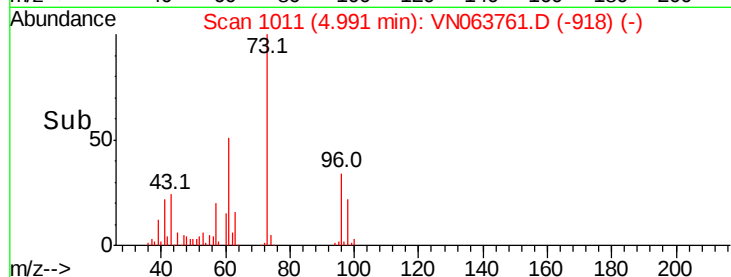
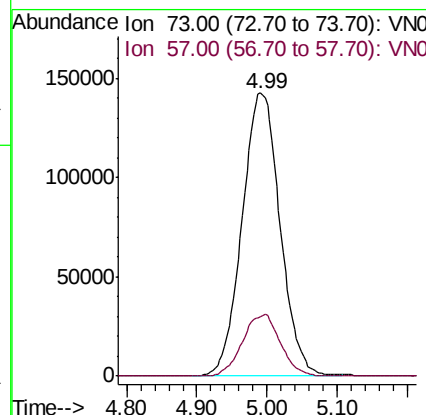
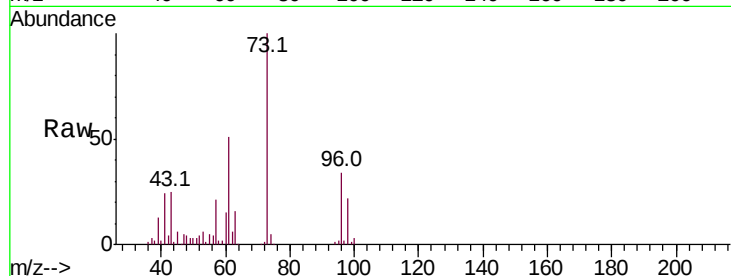




#19
Methvl tert-butvl Ether
Concen: 51.689 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

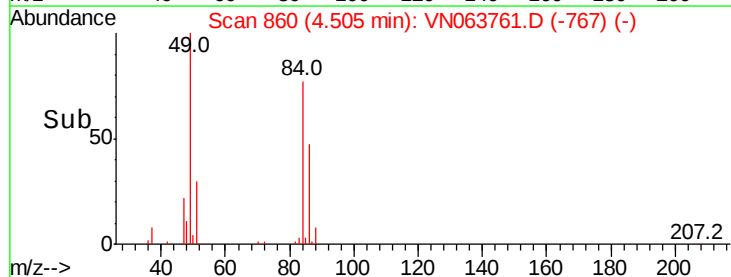
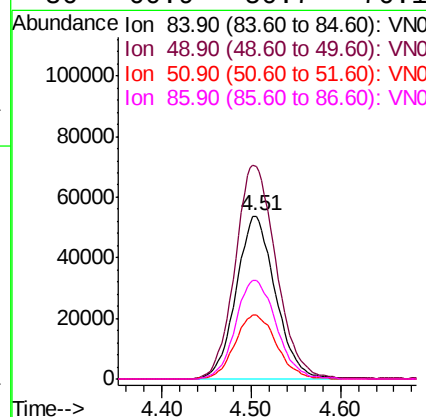
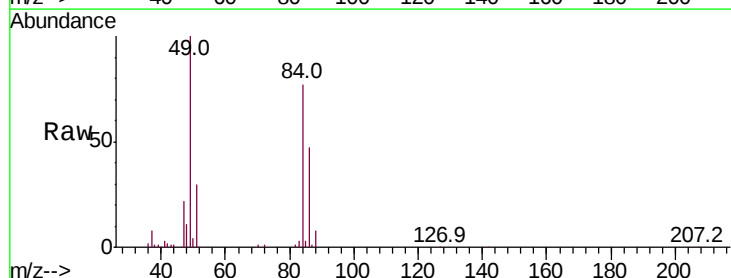
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

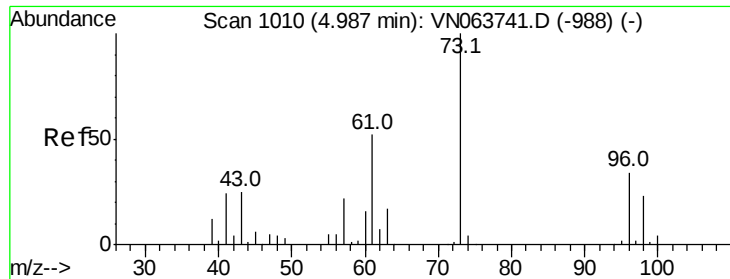
Tot Ion: 73 Resp: 535101
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4



#20
Methylene Chloride
Concen: 49.705 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion: 84 Resp: 163836
Ion Ratio Lower Upper
84 100
49 129.8 110.4 165.6
51 39.0 33.3 49.9
86 60.9 50.7 76.1

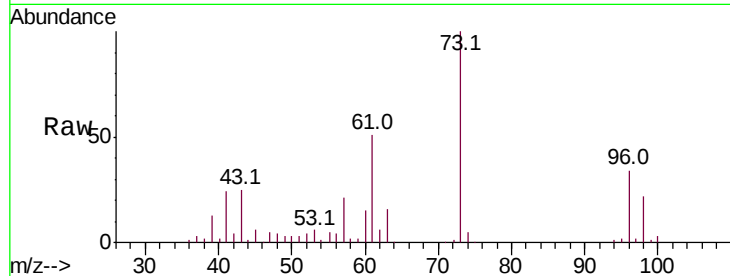




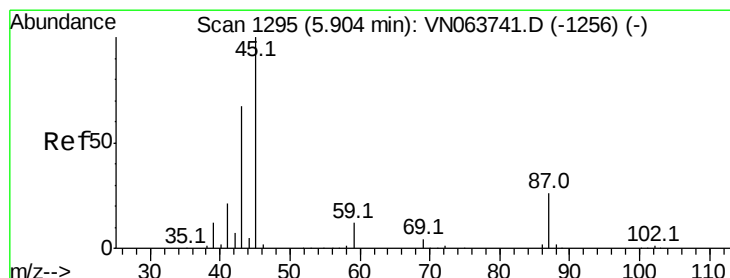
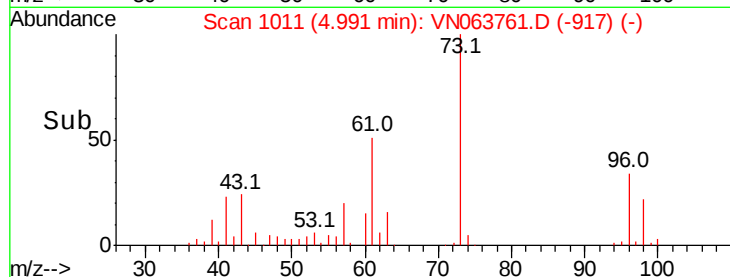
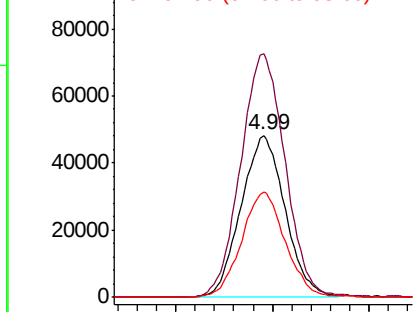
#21
trans-1,2-Dichloroethene
Concen: 47.931 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 152978
Ion Ratio Lower Upper
96 100
61 150.3 120.2 180.2
98 64.9 52.6 79.0

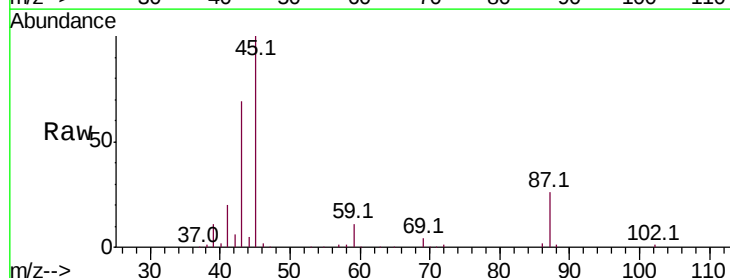


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

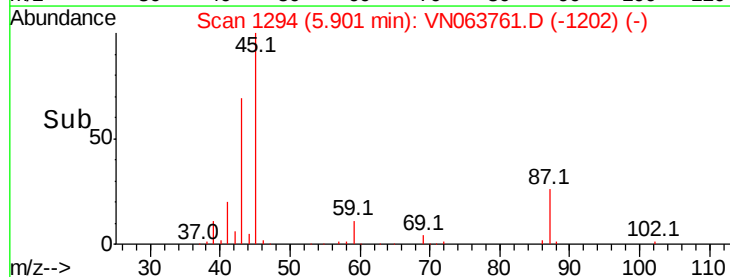
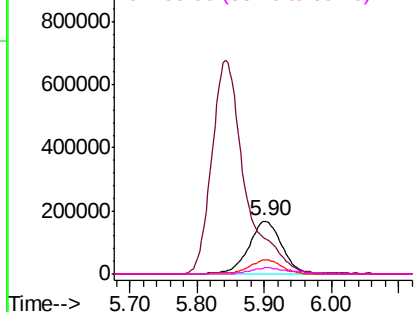


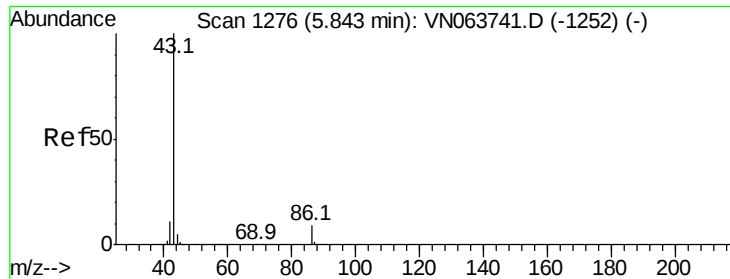
#22
Diisopropyl ether
Concen: 52.376 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion: 45 Resp: 570449
Ion Ratio Lower Upper
45 100
43 67.6 53.7 80.5
87 26.2 21.1 31.7
59 11.1 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 258.739 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

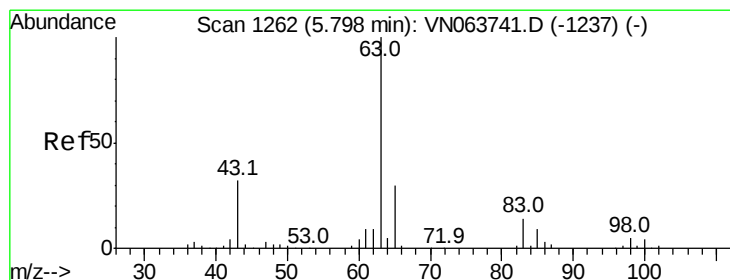
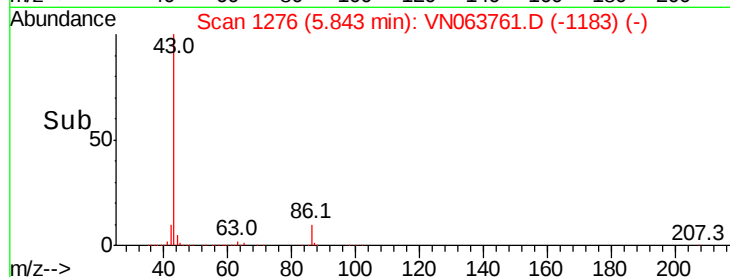
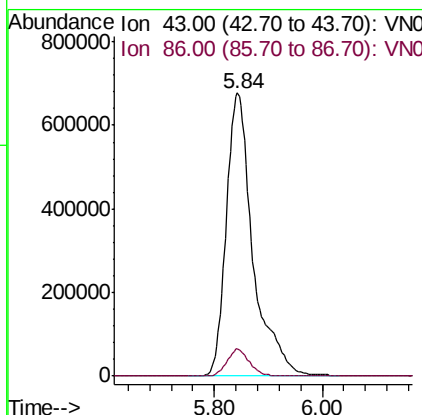
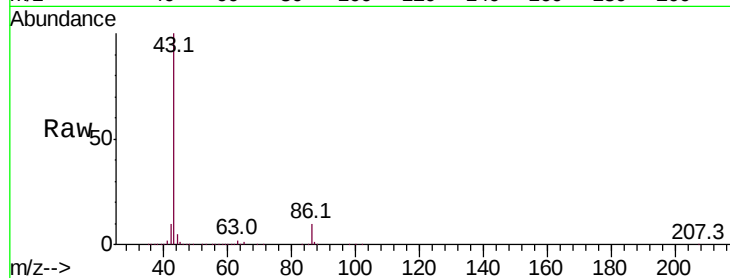
Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2334364

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.3	10.9



#24

1,1-Dichloroethane

Concen: 48.998 ug/l

RT: 5.80 min Scan# 1263

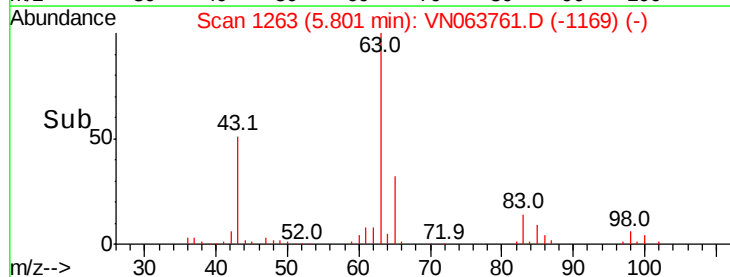
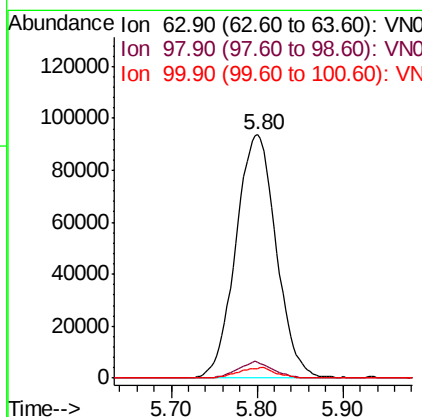
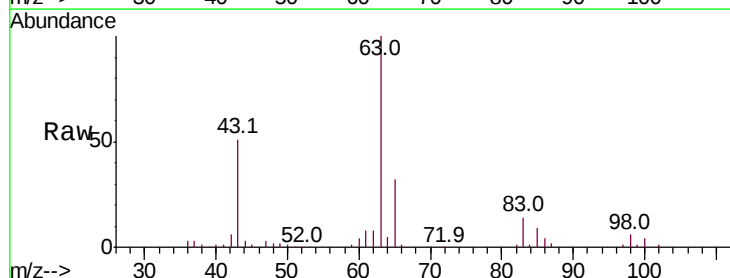
Delta R.T. 0.00 min

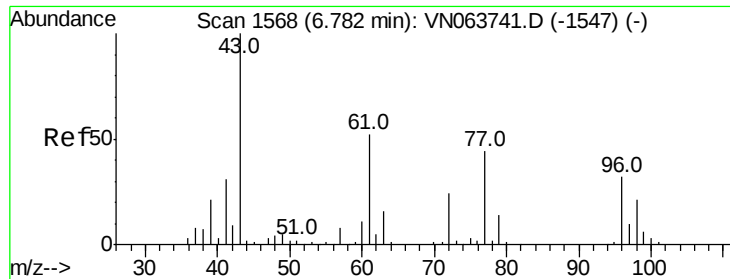
Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Tgt Ion: 63 Resp: 305133

Ion	Ratio	Lower	Upper
63	100		
98	6.4	2.7	8.1
100	4.0	1.9	5.7

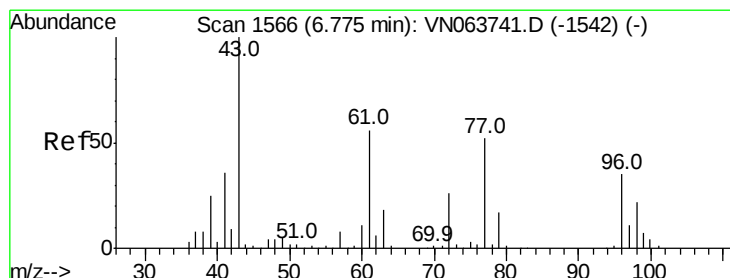
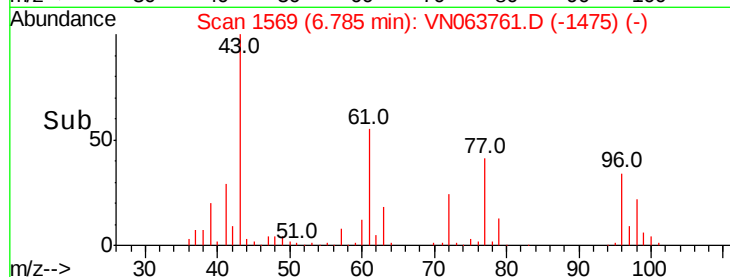
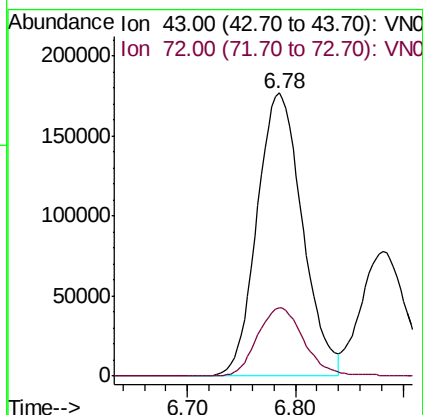
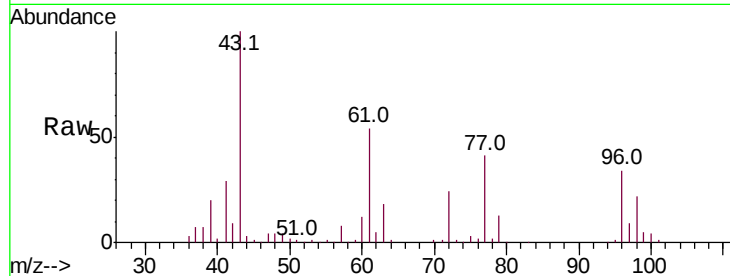




#25
2-Butanone
Concen: 251.753 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

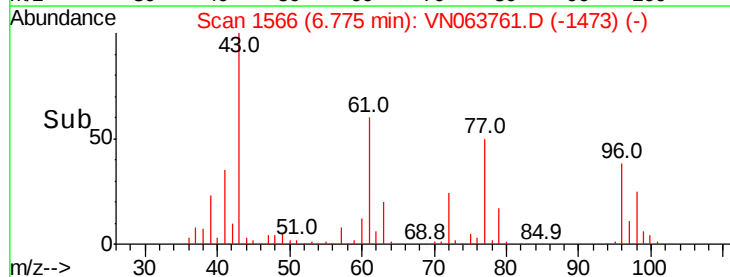
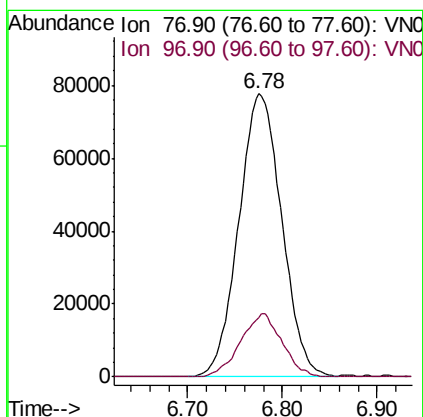
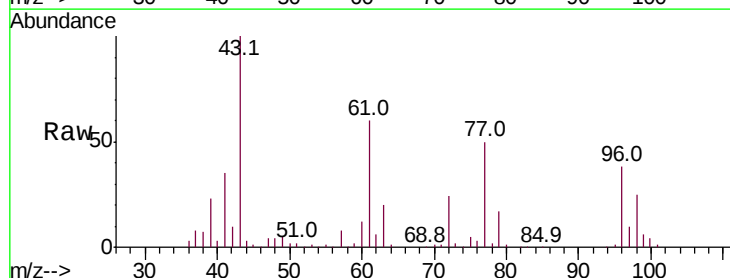
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

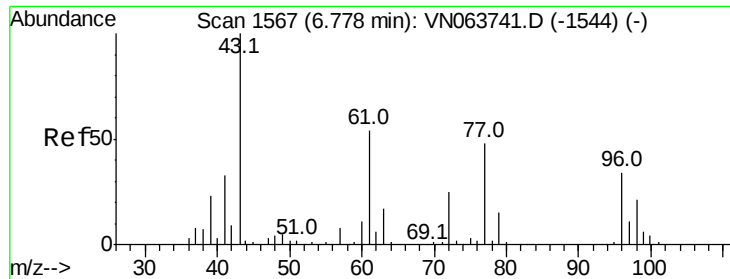
Tot Ion: 43 Resp: 513639
Ion Ratio Lower Upper
43 100
72 24.2 19.3 28.9



#26
2,2-Dichloropropane
Concen: 43.001 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion: 77 Resp: 245231
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.556 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

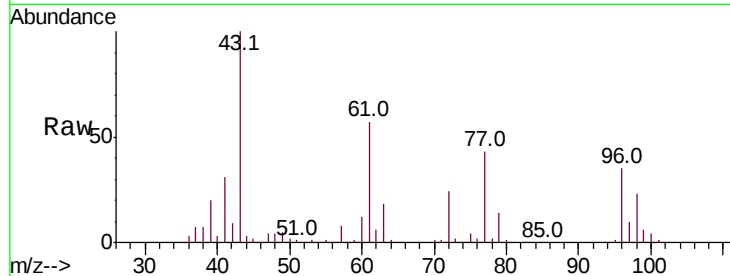
Tot Ion: 96 Resp: 181905

Ion Ratio Lower Upper

96 100

61 159.3 0.0 321.2

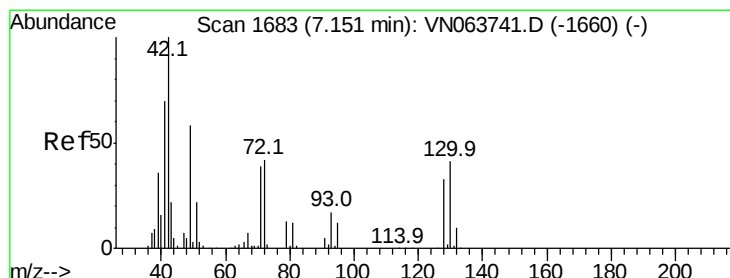
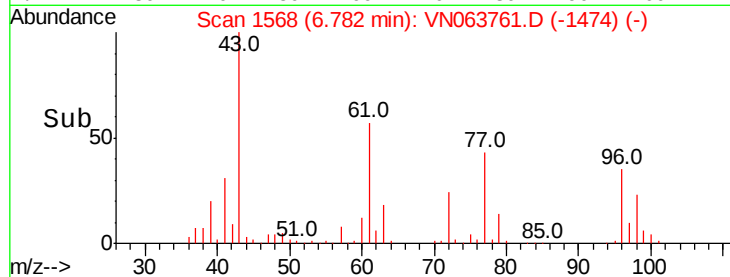
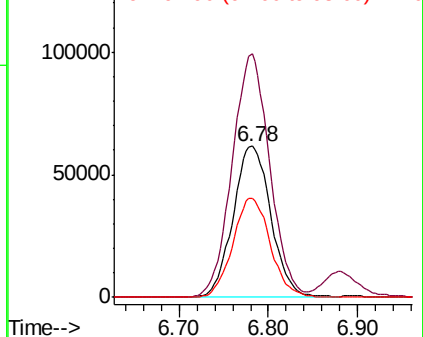
98 65.0 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 48.906 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

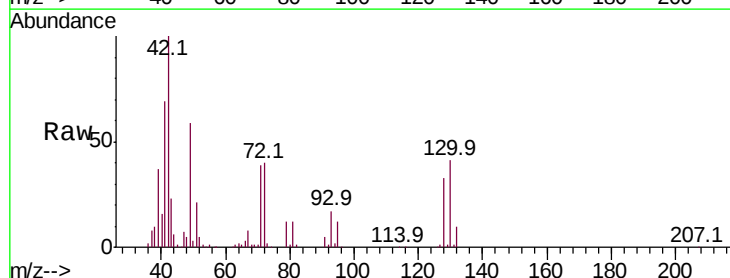
Tgt Ion: 49 Resp: 150530

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.8

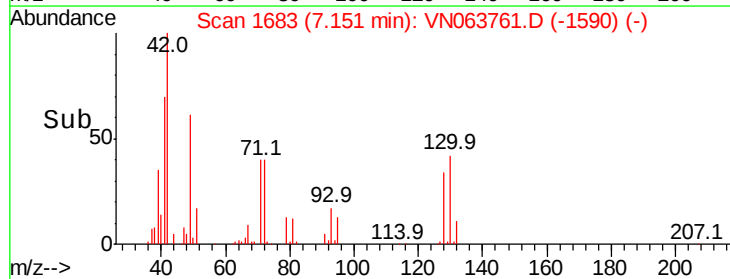
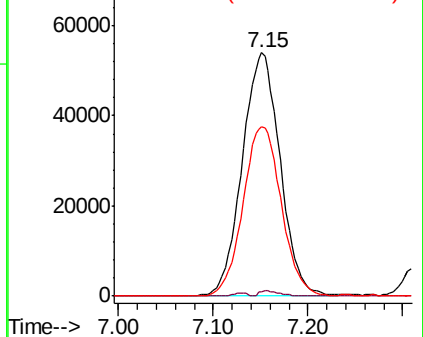
130 70.2 55.6 83.4

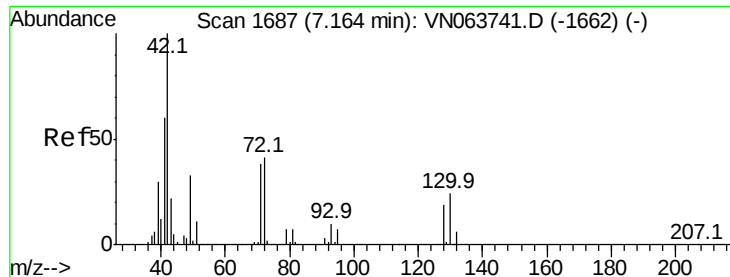


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 256.398 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

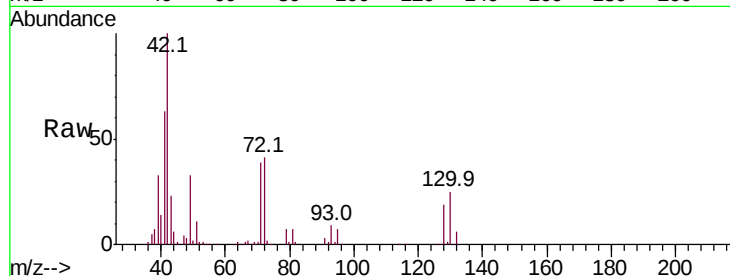
Tot Ion: 42 Resp: 350850

Ion Ratio Lower Upper

42 100

72 39.8 32.8 49.2

71 38.8 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

150000

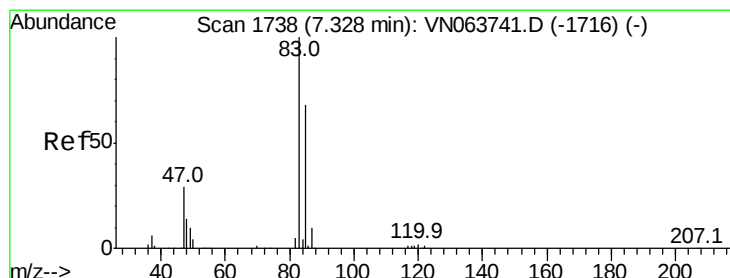
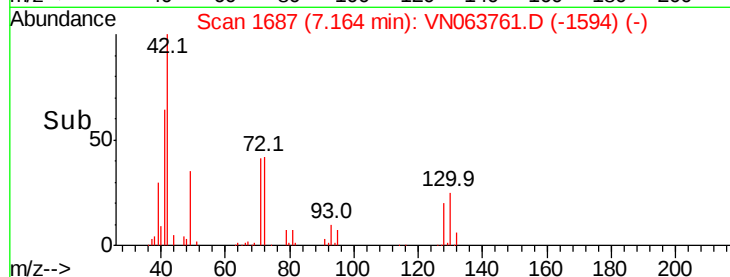
100000

50000

0

7.00 7.10 7.20 7.30

Time-->



#30

Chloroform

Concen: 49.732 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063761.D

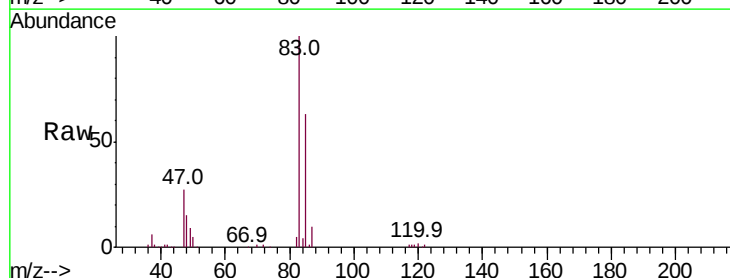
Acq: 30 Sep 2020 19:55

Tgt Ion: 83 Resp: 322921

Ion Ratio Lower Upper

83 100

85 62.9 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

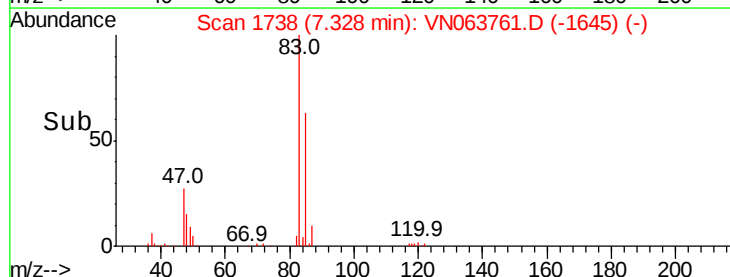
100000

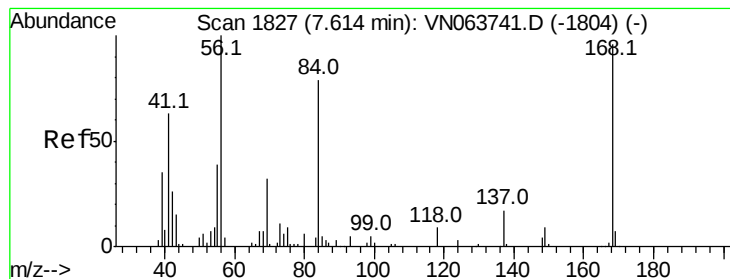
50000

0

7.20 7.30 7.40

Time-->





#31

Cyclohexane

Concen: 45.919 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

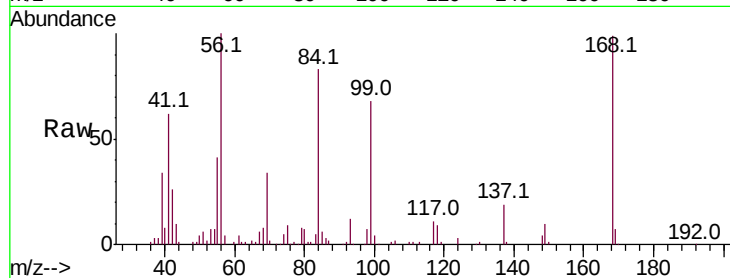
Tot Ion: 56 Resp: 249214

Ion Ratio Lower Upper

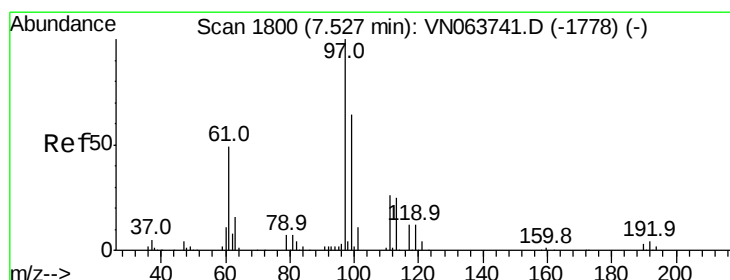
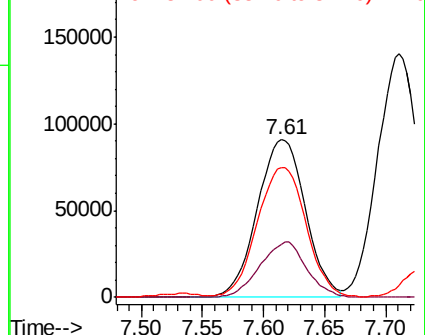
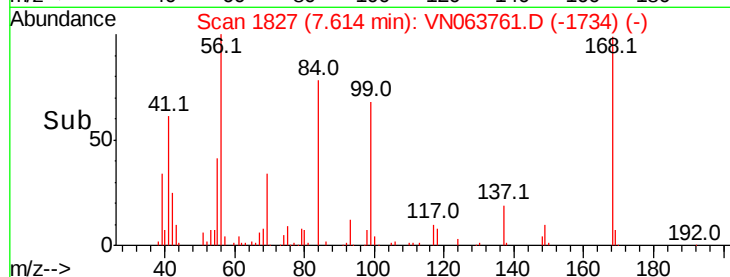
56 100

69 33.9 25.4 38.2

84 80.4 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 50.710 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

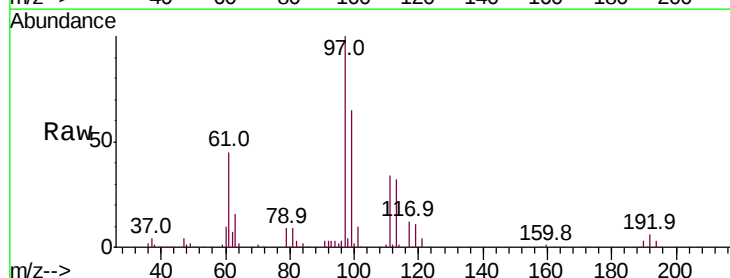
Tgt Ion: 97 Resp: 297000

Ion Ratio Lower Upper

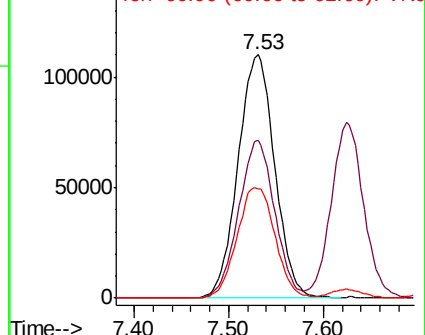
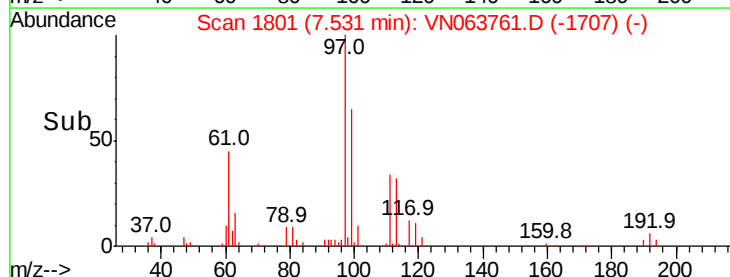
97 100

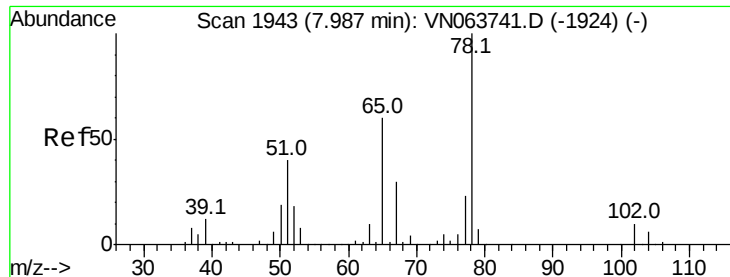
99 63.8 51.0 76.6

61 47.1 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.925 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

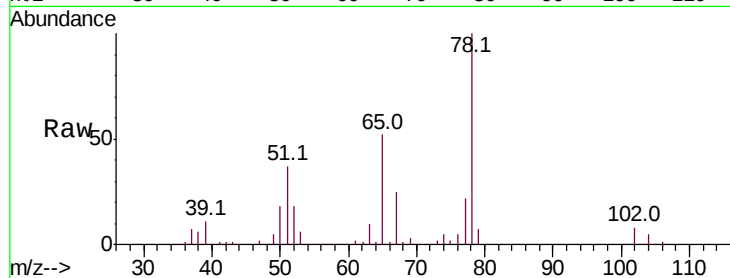
VSTDCCC050EC

Tot Ion: 65 Resp: 242740

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)

7.99

100000

80000

60000

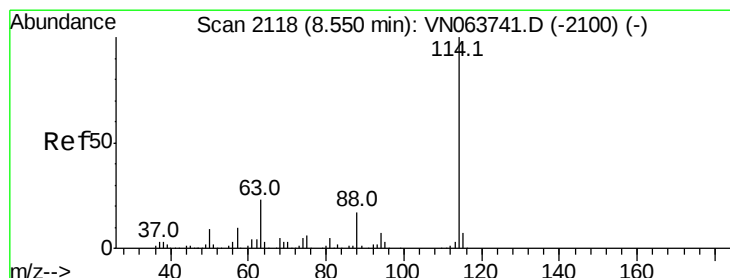
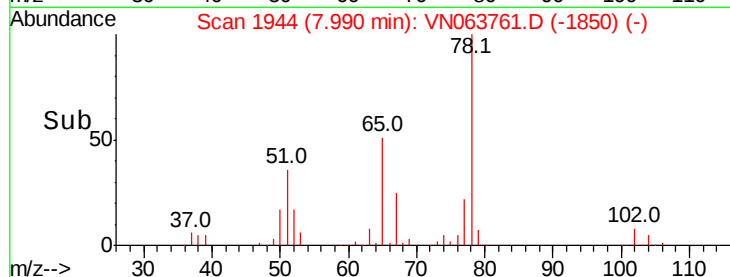
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

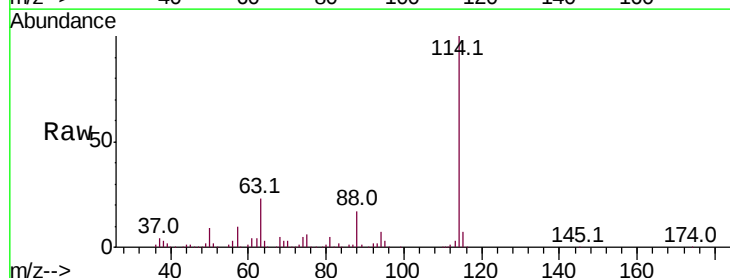
Tgt Ion: 114 Resp: 484053

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 16.7 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN063741.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063741.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063741.D (-2100) (-)

8.55

300000

250000

200000

150000

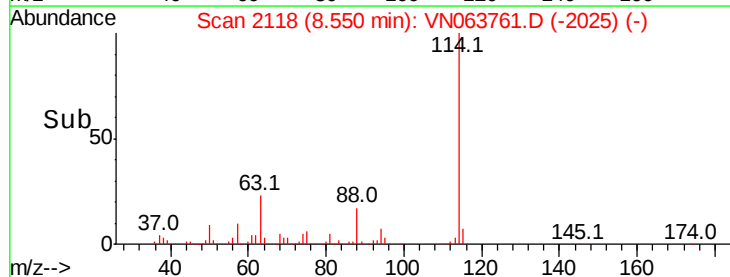
100000

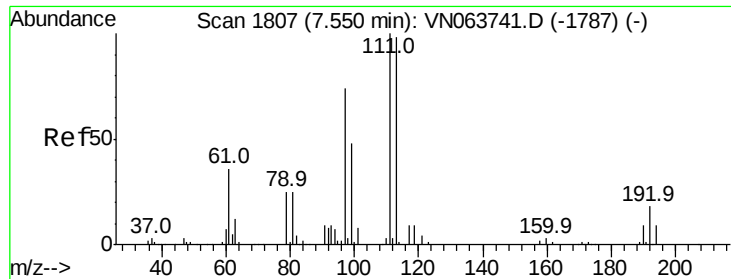
50000

0

8.45 8.50 8.55 8.60

Time-->

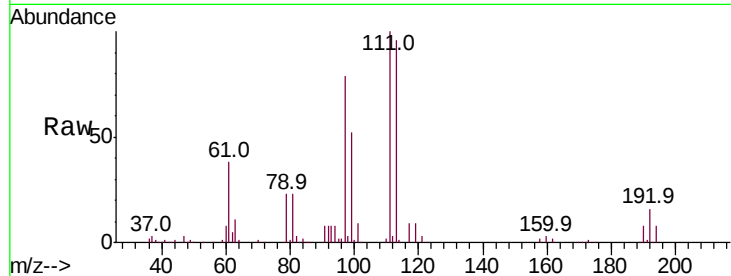




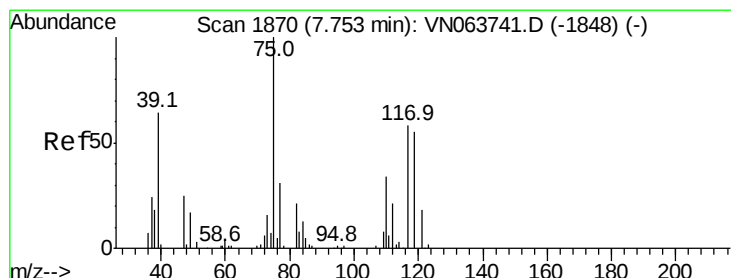
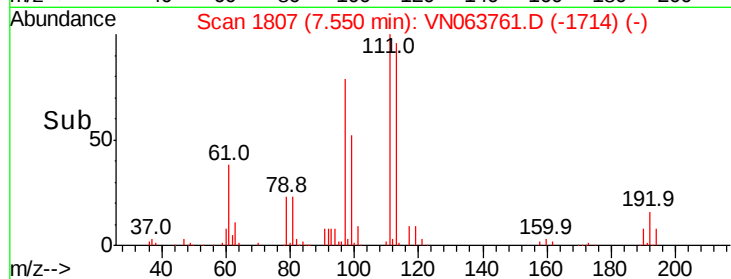
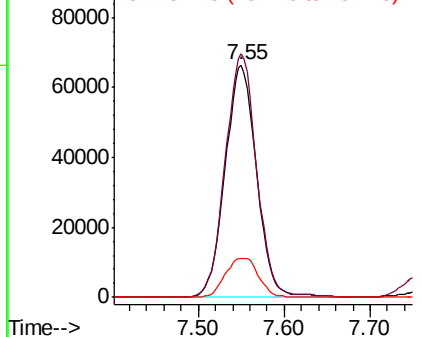
#35
 Dibromofluoromethane
 Concen: 50.210 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 168643
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.8 122.8
 192 18.0 14.2 21.2

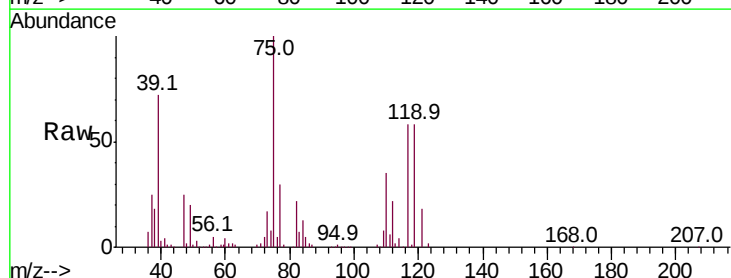


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

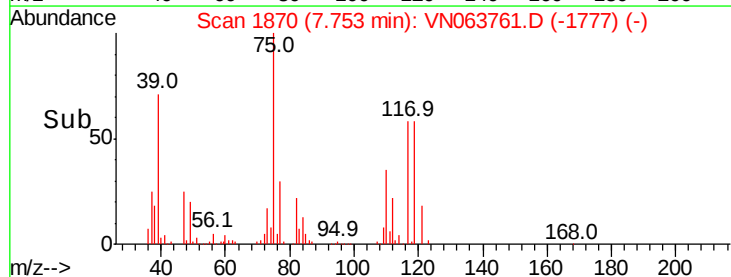
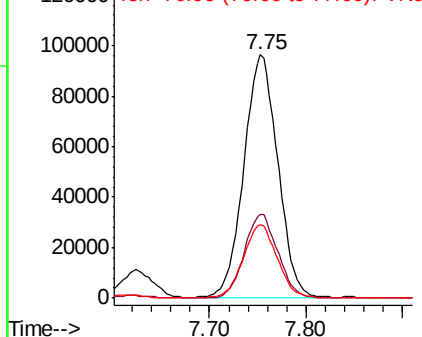


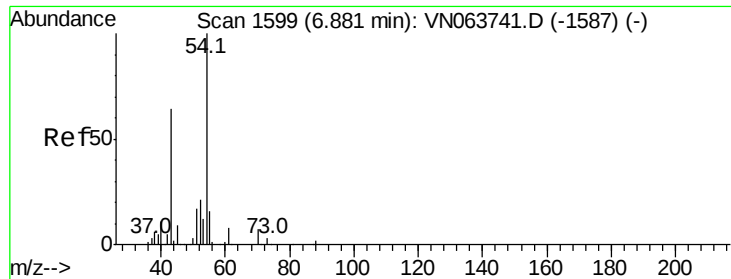
#36
 1,1-Dichloropropene
 Concen: 47.681 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

Tgt Ion: 75 Resp: 233825
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.9 50.6
 77 30.3 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

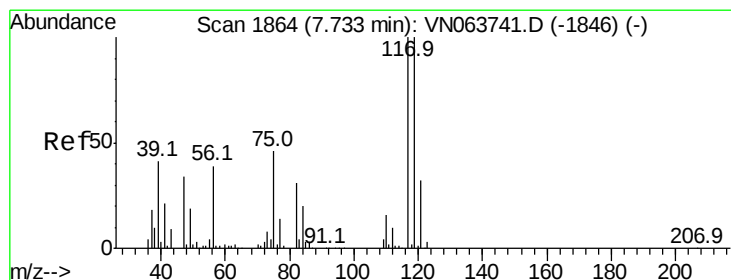
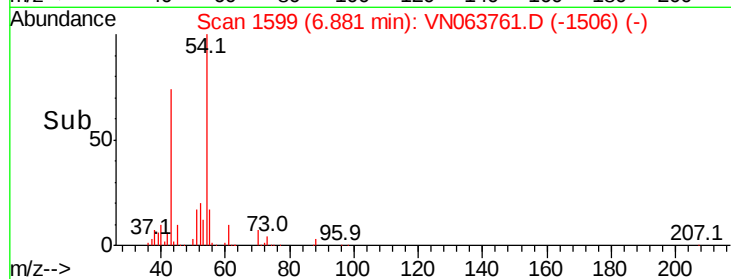
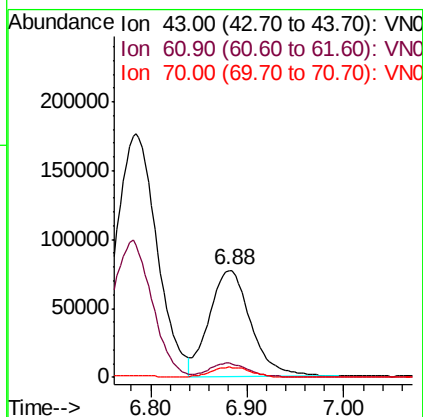
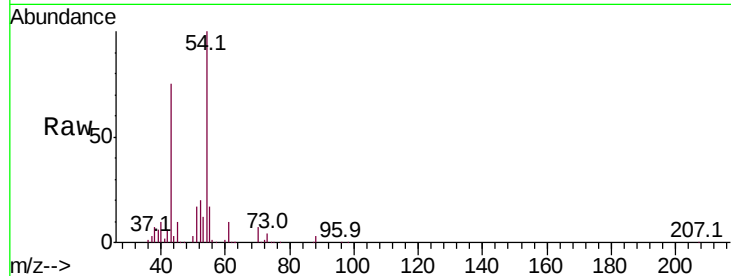




#37
Ethyl Acetate
Concen: 47.259 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

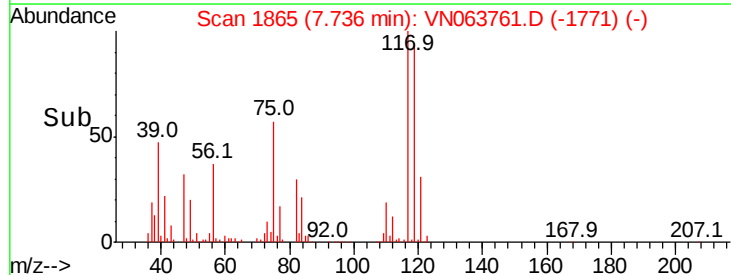
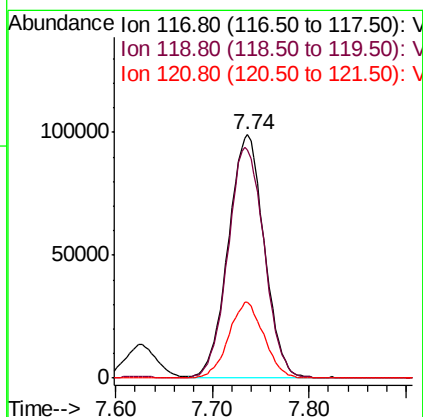
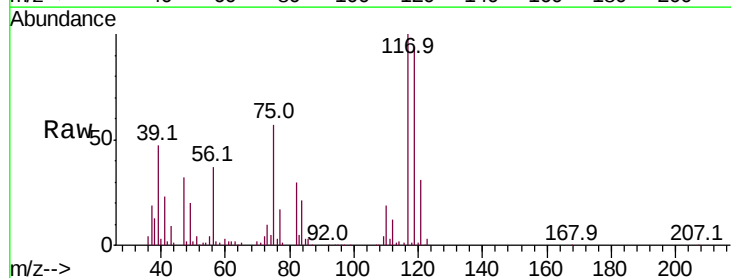
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

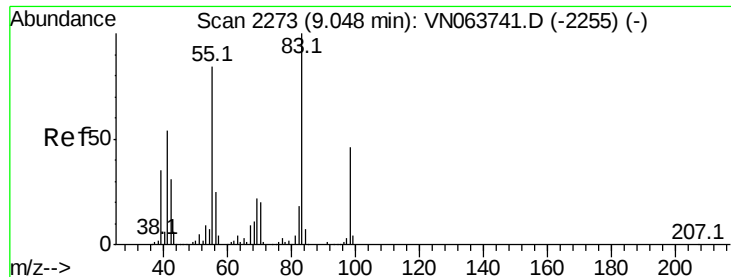
Tot Ion: 43 Resp: 230250
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 9.3 7.3 10.9



#38
Carbon Tetrachloride
Concen: 46.346 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion: 117 Resp: 254854
Ion Ratio Lower Upper
117 100
119 93.9 80.1 120.1
121 31.3 25.7 38.5

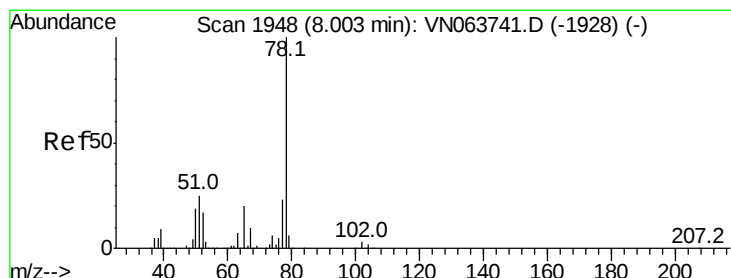
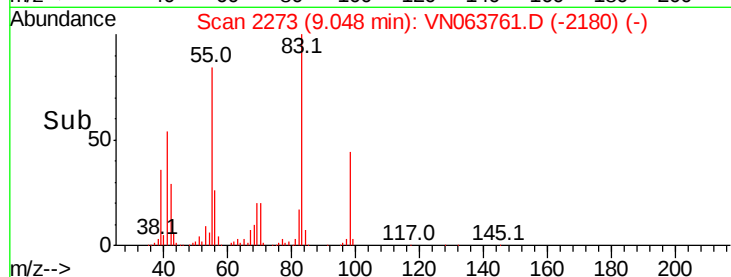
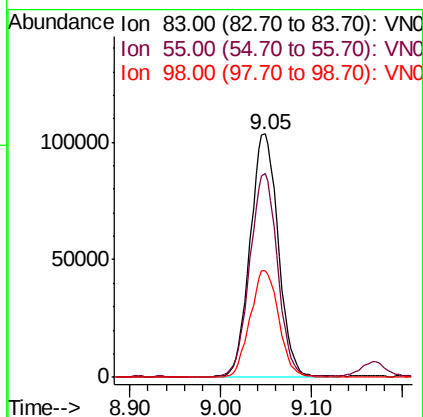
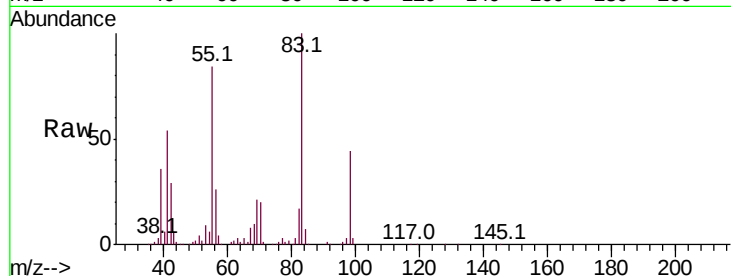




#39
Methvlcvclohexane
Concen: 45.688 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

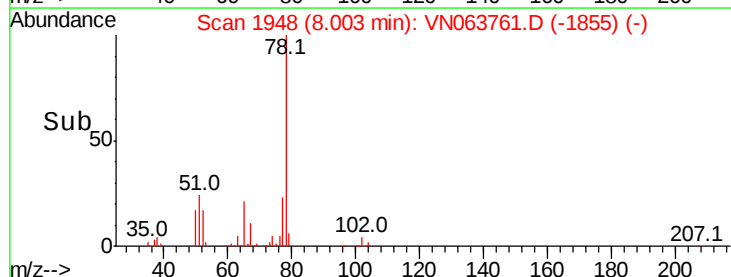
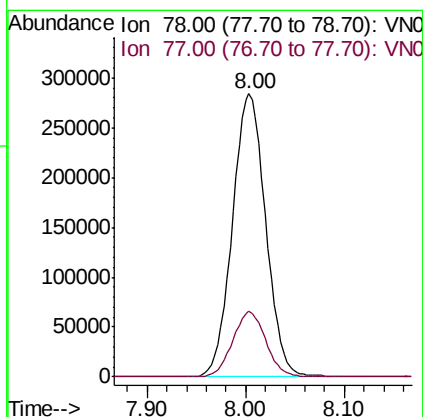
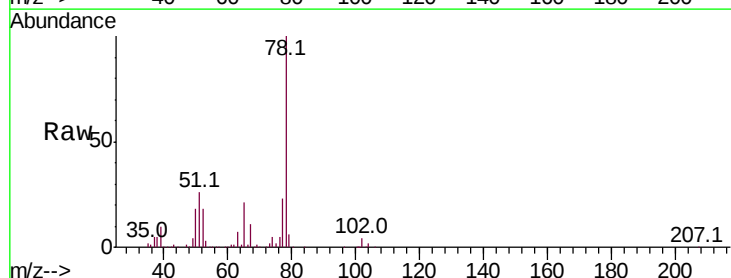
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

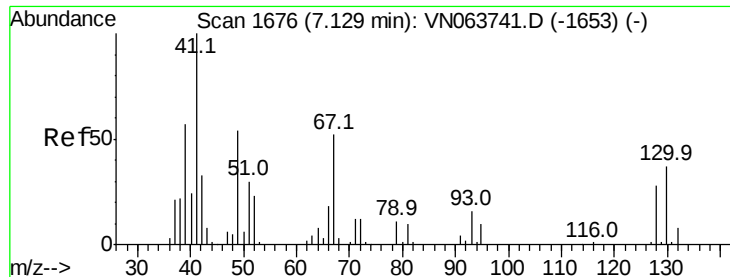
Tot Ion: 83 Resp: 223433
Ion Ratio Lower Upper
83 100
55 83.6 67.1 100.7
98 43.8 36.6 54.8



#40
Benzene
Concen: 47.555 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion: 78 Resp: 666096
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

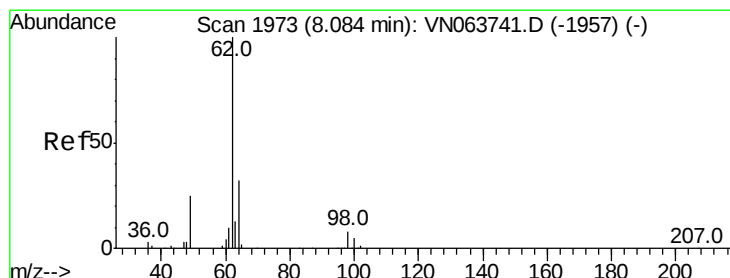
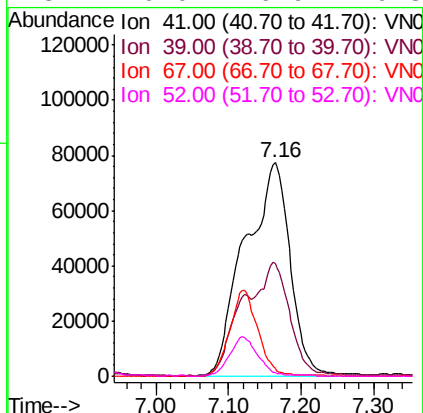
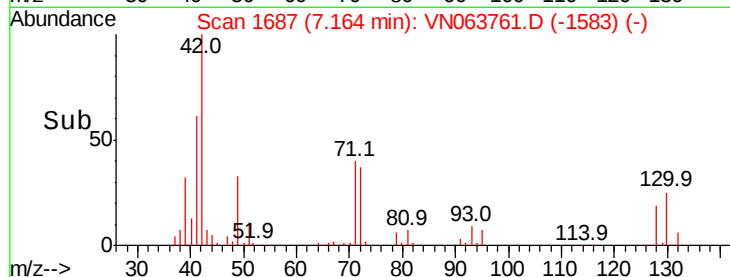
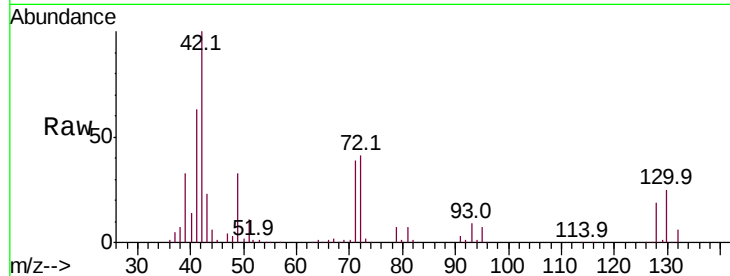




#41
Methacrylonitrile
Concen: 154.660 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

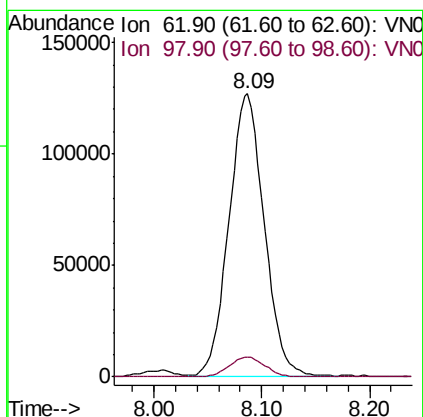
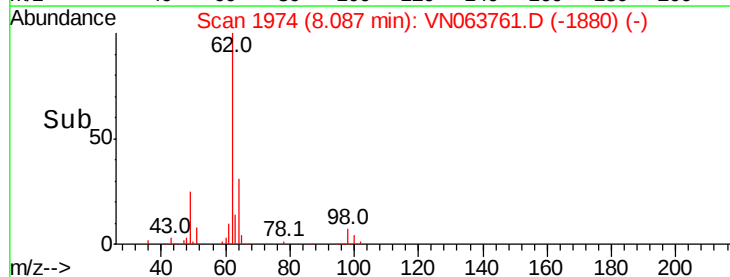
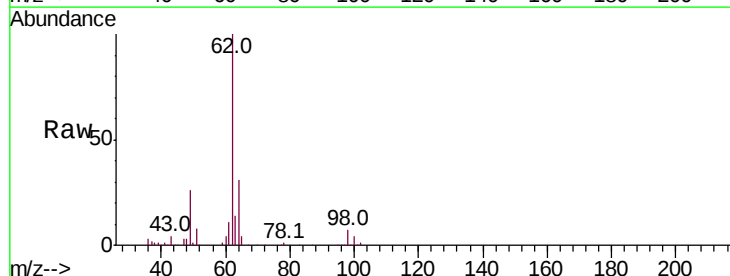
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

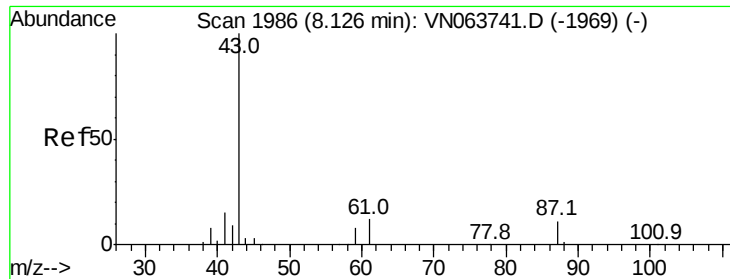
Tot Ion	Ratio	Lower	Upper
41	100		
39	24.9	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 48.239 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	15.0





#43

Isopropyl Acetate

Concen: 49.540 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

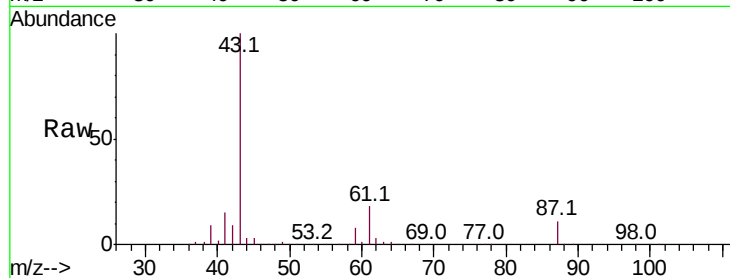
Tot Ion: 43 Resp: 398122

Ion Ratio Lower Upper

43 100

61 18.5 14.2 21.4

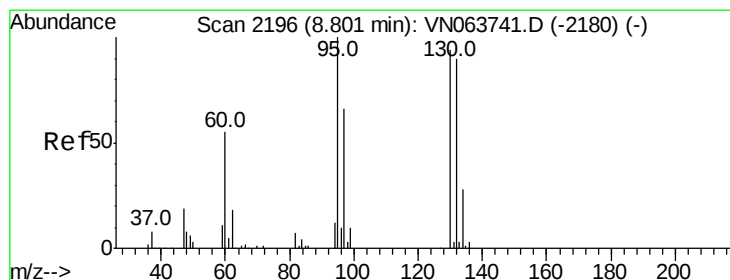
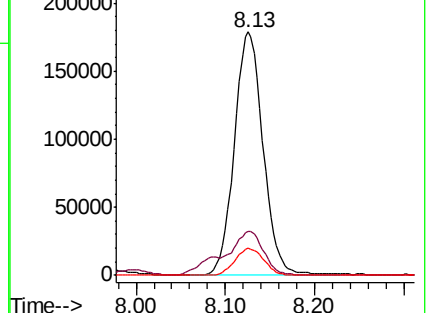
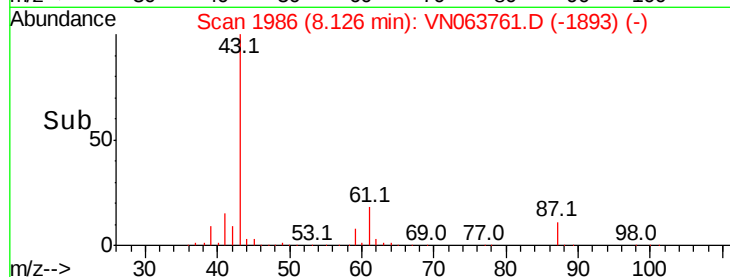
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#44

Trichloroethene

Concen: 46.705 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063761.D

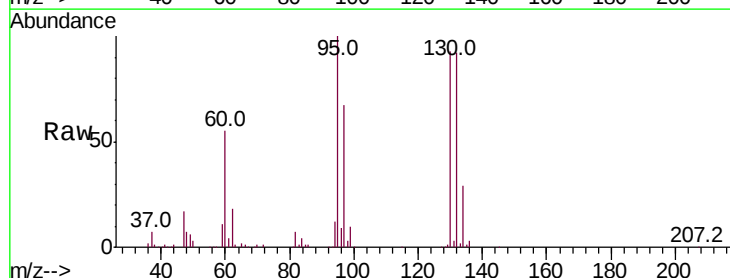
Acq: 30 Sep 2020 19:55

Tgt Ion:130 Resp: 171408

Ion Ratio Lower Upper

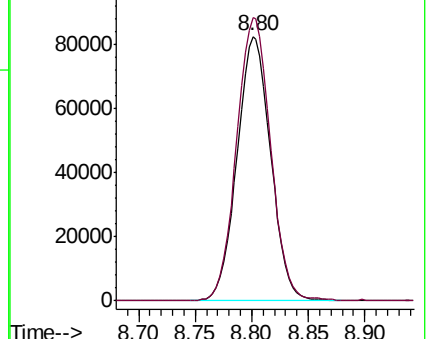
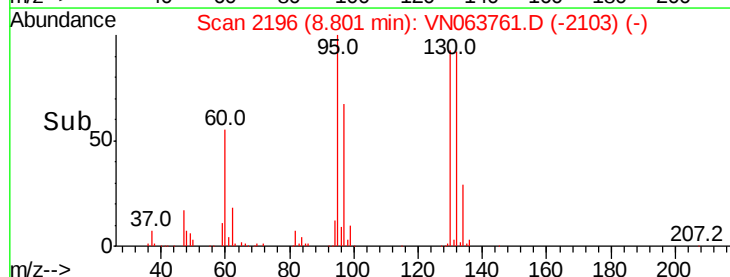
130 100

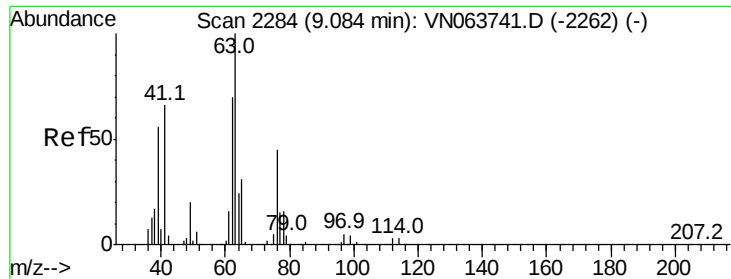
95 107.1 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

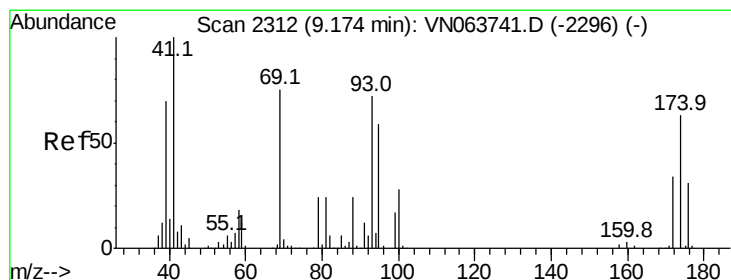
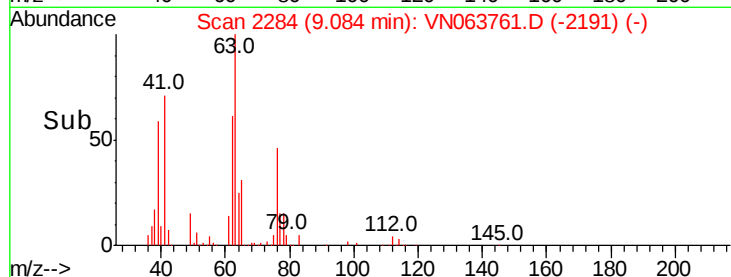
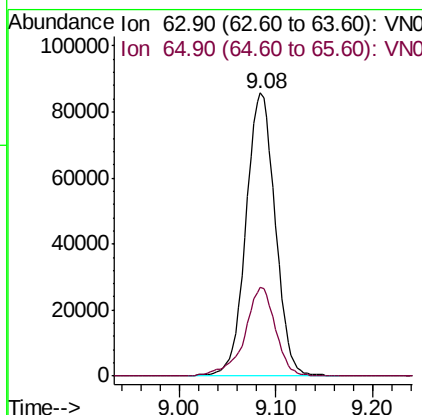
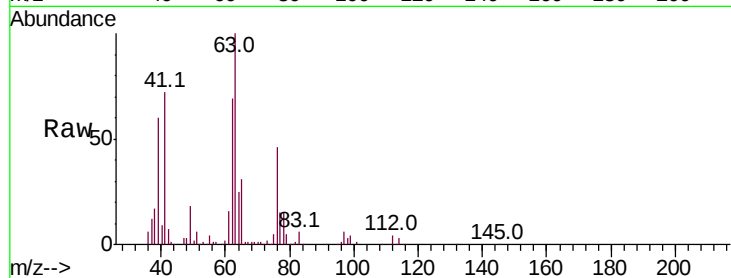




#45
 1,2-Dichloropropane
 Concen: 47.734 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

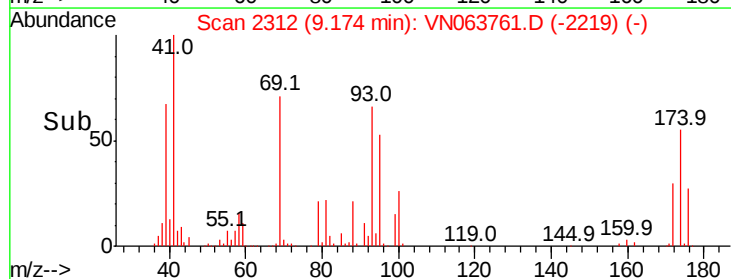
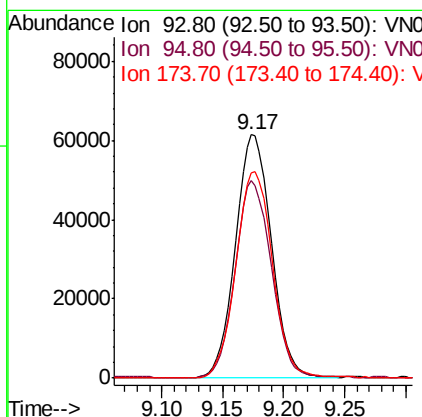
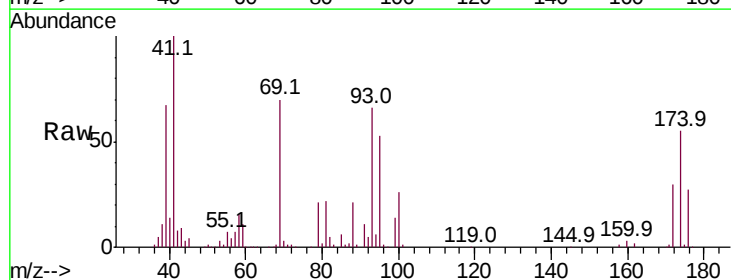
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

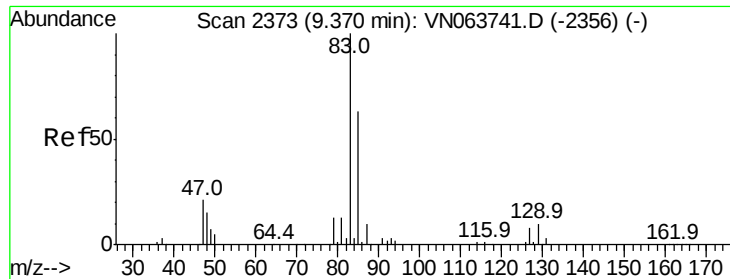
Tot Ion: 63 Resp: 180570
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.7 37.1



#46
 Dibromomethane
 Concen: 48.210 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

Tgt Ion: 93 Resp: 125807
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.3 99.5
 174 86.7 72.7 109.1





#47

Bromodichloromethane

Concen: 48.148 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

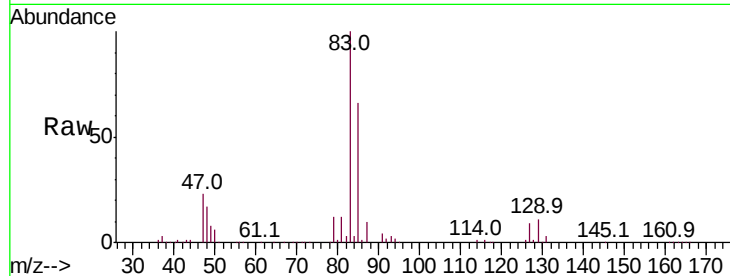
Tot Ion: 83 Resp: 258951

Ion Ratio Lower Upper

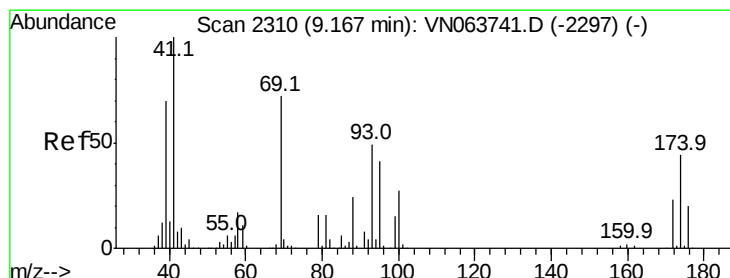
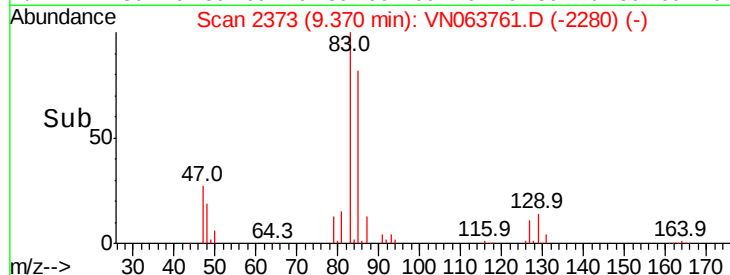
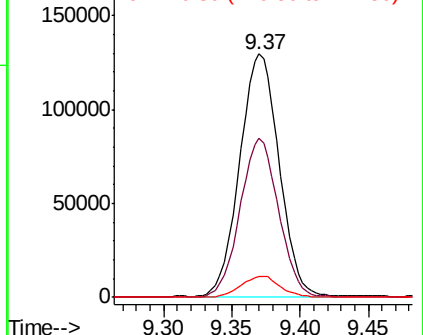
83 100

85 65.8 50.6 75.8

127 8.6 6.6 9.8



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



#48

Methyl methacrylate

Concen: 50.899 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

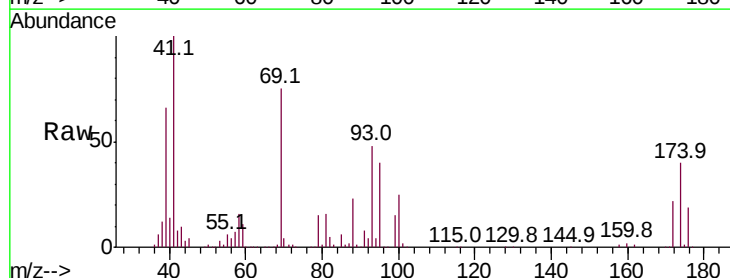
Tgt Ion: 41 Resp: 202094

Ion Ratio Lower Upper

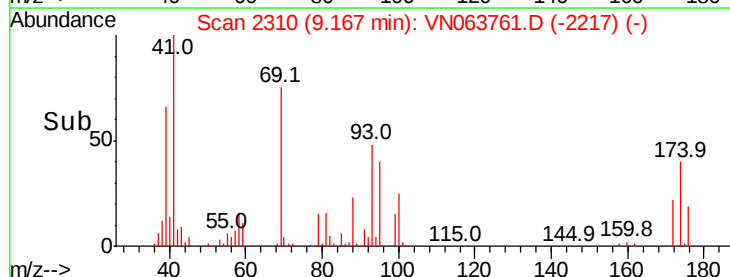
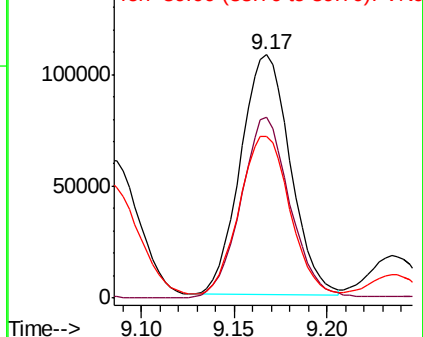
41 100

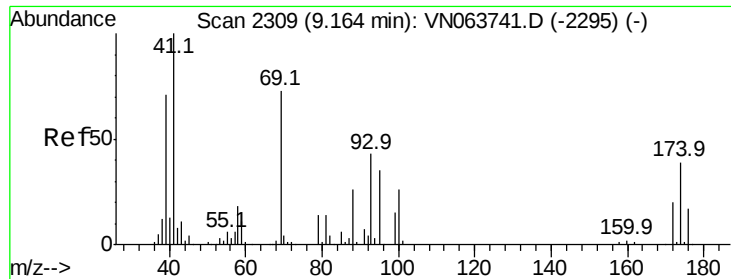
69 74.6 60.9 91.3

39 69.2 57.5 86.3



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

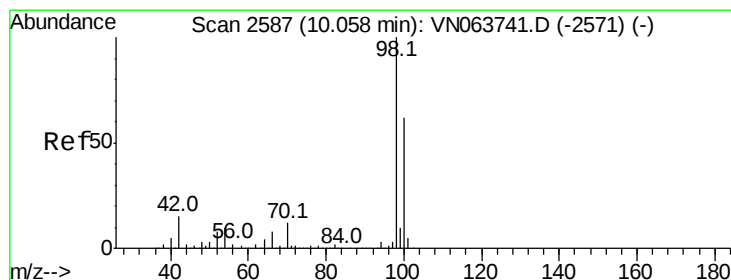
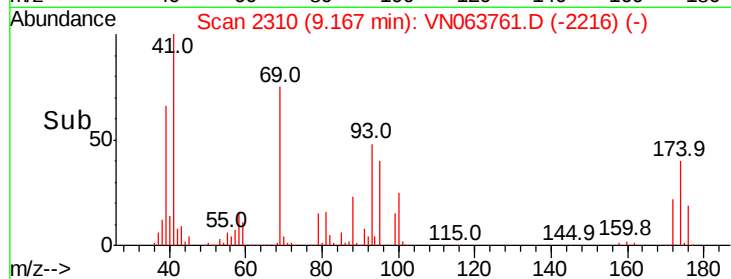
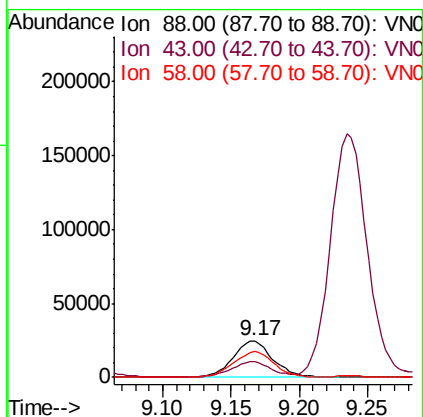
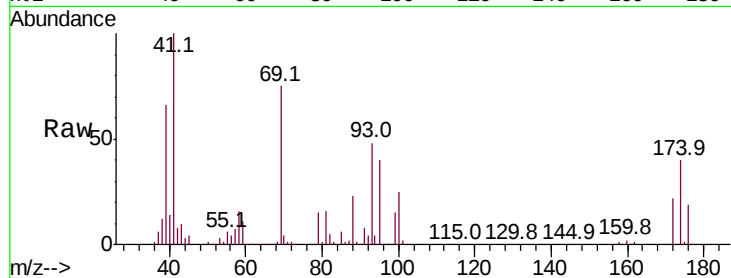




#49
 1,4-Dioxane
 Concen: 885.626 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

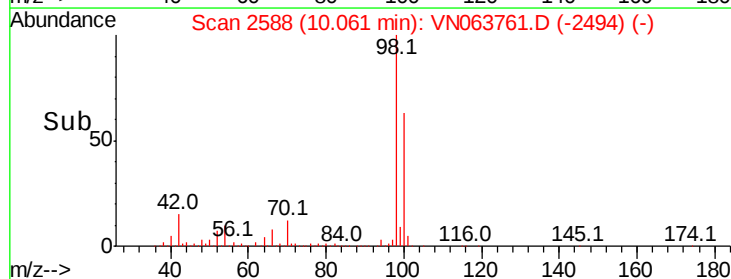
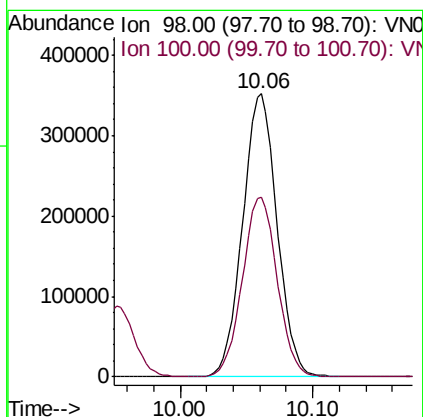
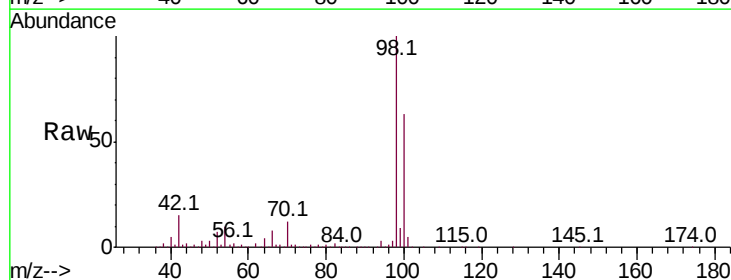
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

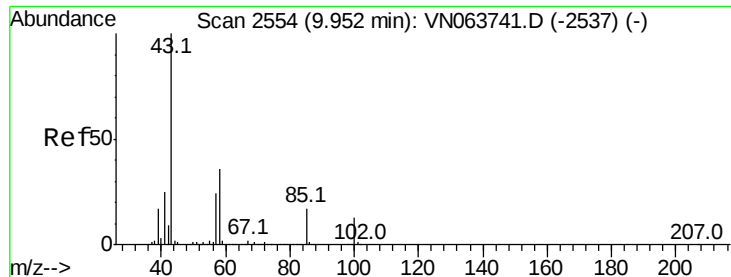
Tot Ion: 88 Resp: 49975
 Ion Ratio Lower Upper
 88 100
 43 40.9 33.1 49.7
 58 72.4 58.9 88.3



#50
 Toluene-d8
 Concen: 49.825 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

Tgt Ion: 98 Resp: 634397
 Ion Ratio Lower Upper
 98 100
 100 63.9 49.8 74.6





#51

4-Methyl-2-Pentanone

Concen: 250.645 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

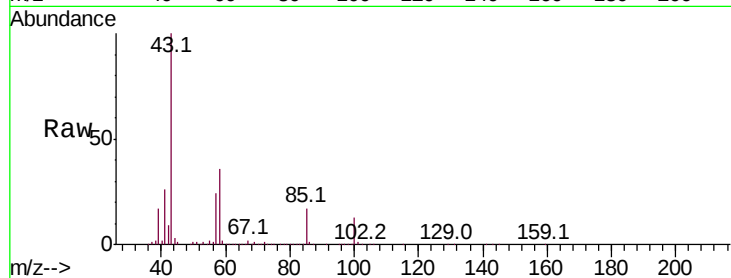
VSTDCCC050EC

Tot Ion: 43 Resp: 1182066

Ion Ratio Lower Upper

43 100

58 35.7 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

600000

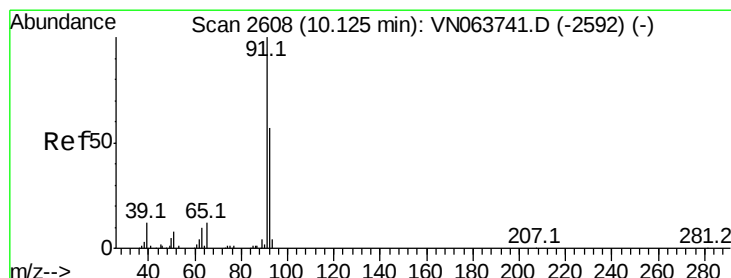
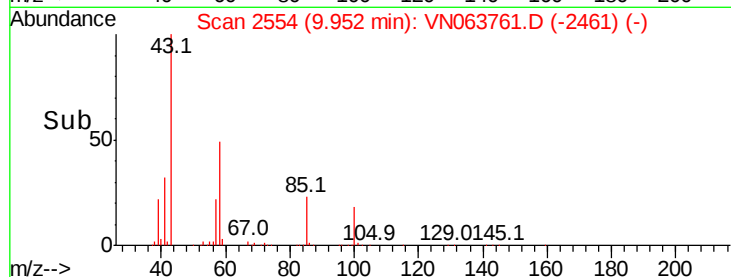
400000

200000

0

Time-->

9.90 10.00



#52

Toluene

Concen: 49.064 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063761.D

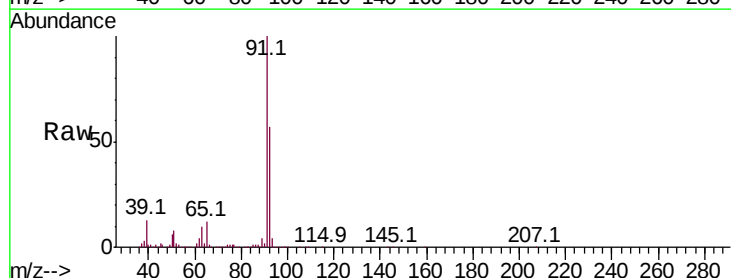
Acq: 30 Sep 2020 19:55

Tgt Ion: 92 Resp: 425076

Ion Ratio Lower Upper

92 100

91 175.5 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

400000

300000

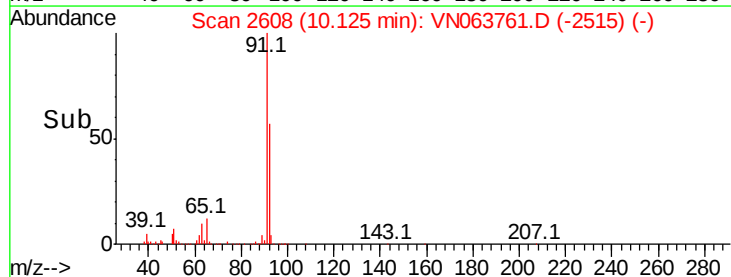
200000

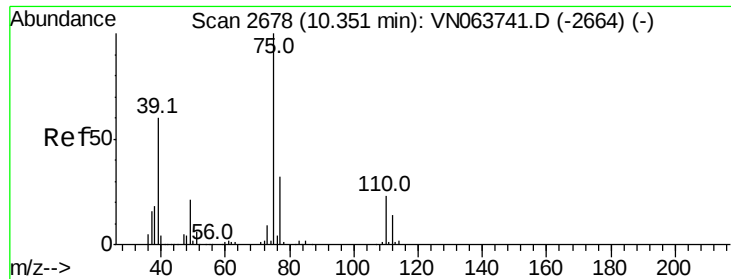
100000

0

Time-->

10.10 10.20





#53

t-1,3-Dichloropropene

Concen: 49.694 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

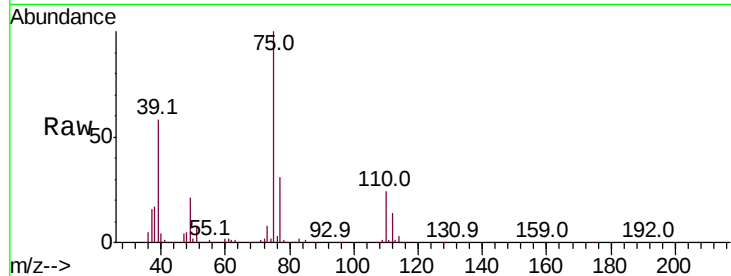
VSTDCCC050EC

Tot Ion: 75 Resp: 286488

Ion Ratio Lower Upper

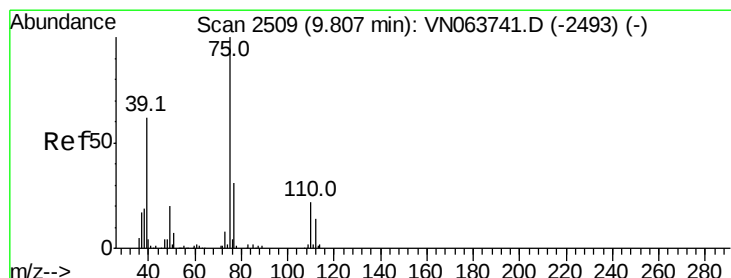
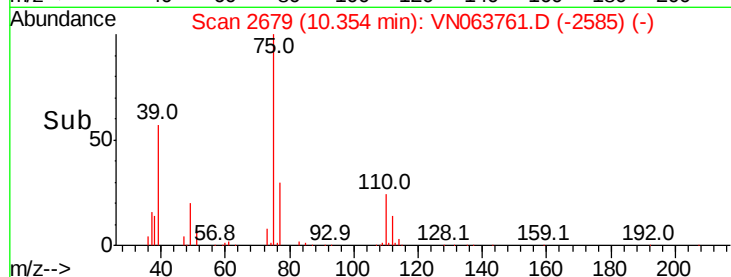
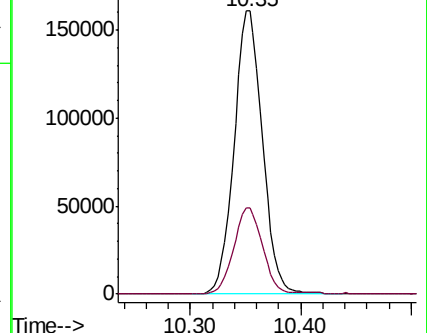
75 100

77 30.5 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 48.414 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

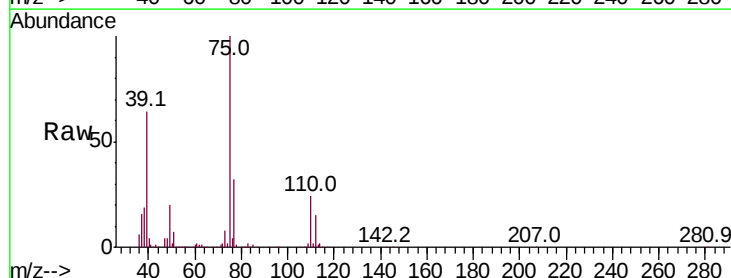
Tgt Ion: 75 Resp: 291900

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

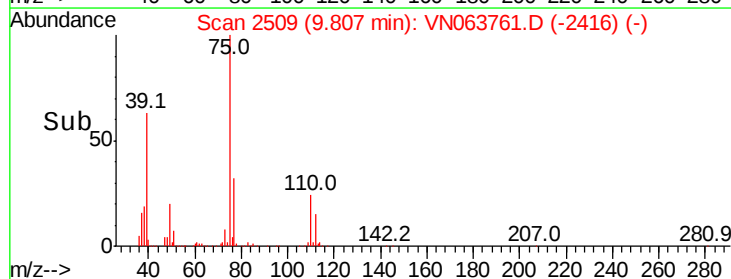
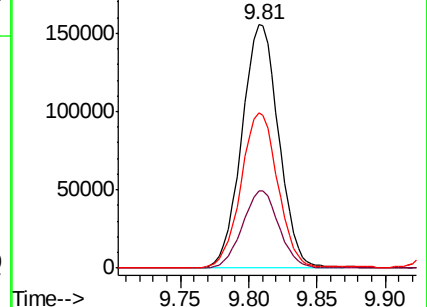
39 63.2 49.7 74.5

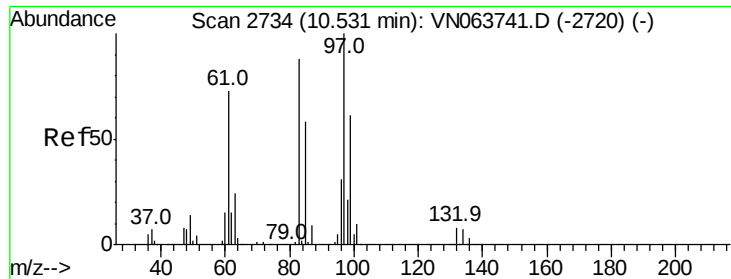


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

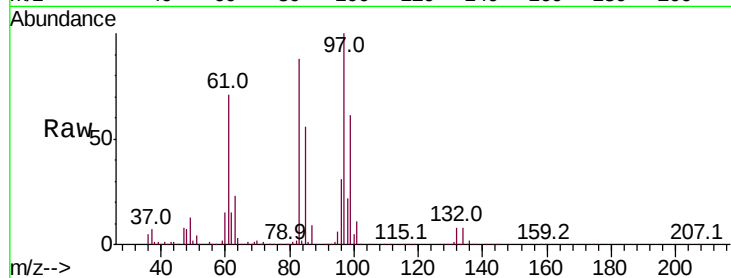




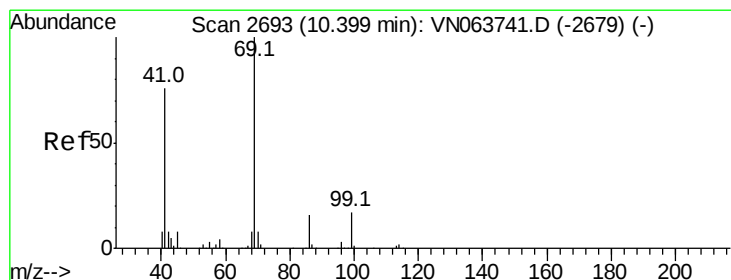
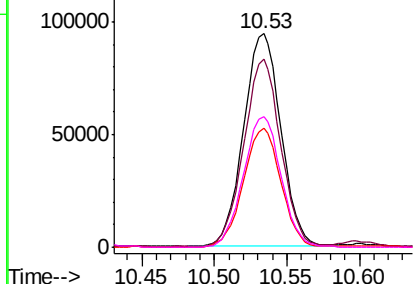
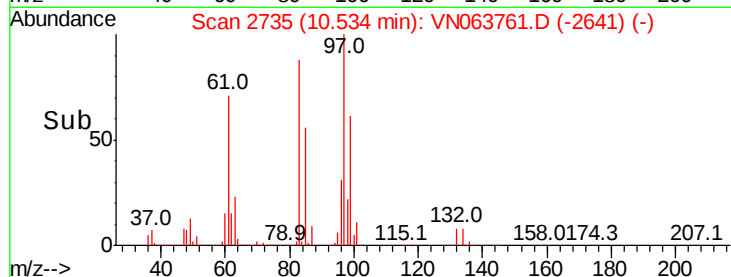
#55
 1,1,2-Trichloroethane
 Concen: 49.115 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 170648
 Ion Ratio Lower Upper
 97 100
 83 87.8 70.7 106.1
 85 55.8 46.1 69.1
 99 61.5 48.8 73.2

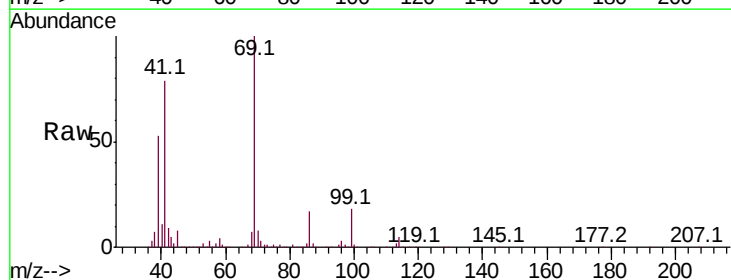


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

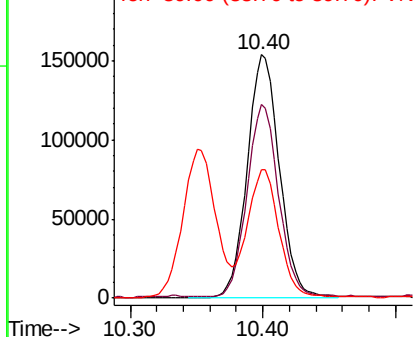
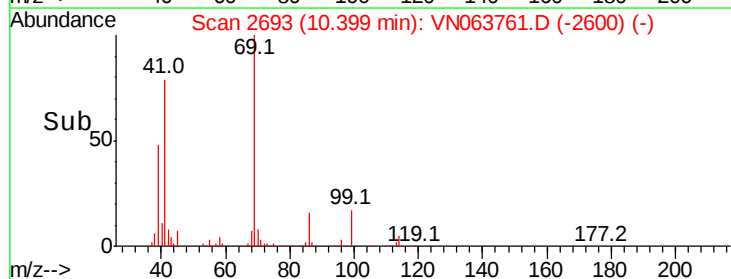


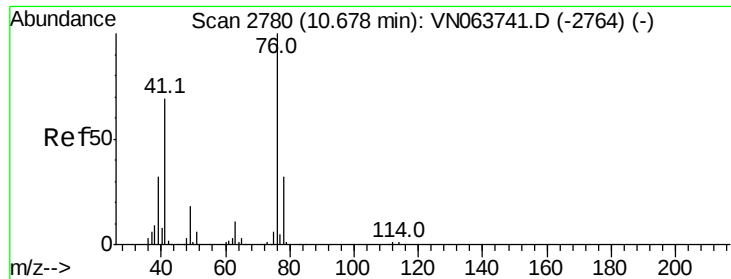
#56
 Ethyl methacrylate
 Concen: 52.494 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

Tgt Ion: 69 Resp: 258528
 Ion Ratio Lower Upper
 69 100
 41 77.3 61.1 91.7
 39 51.7 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: 49.641 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

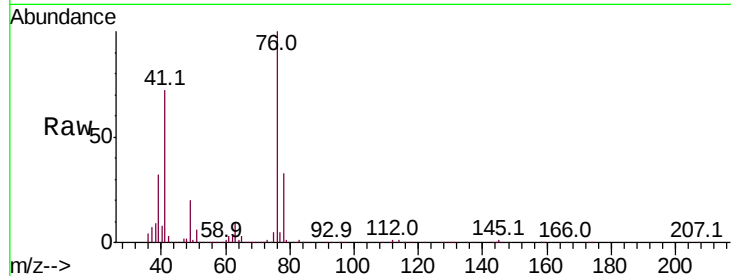
VSTDCCC050EC

Tot Ion: 76 Resp: 291798

Ion Ratio Lower Upper

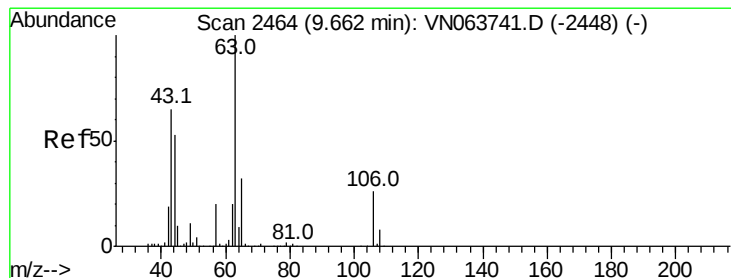
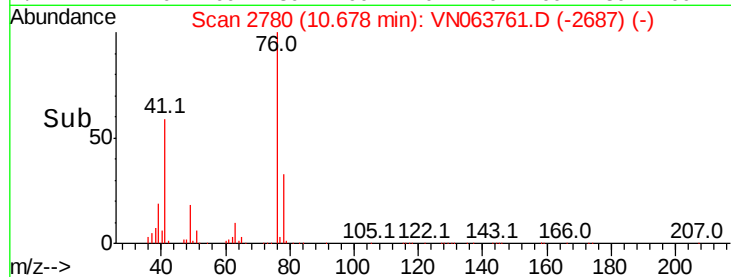
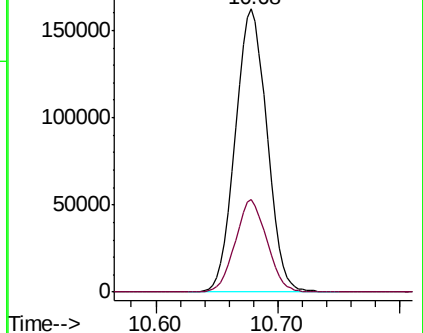
76 100

78 32.6 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 258.038 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063761.D

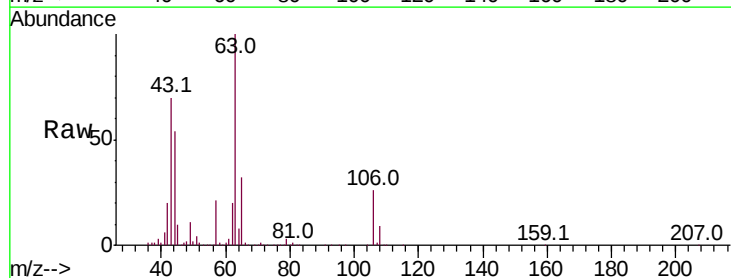
Acq: 30 Sep 2020 19:55

Tgt Ion: 63 Resp: 679770

Ion Ratio Lower Upper

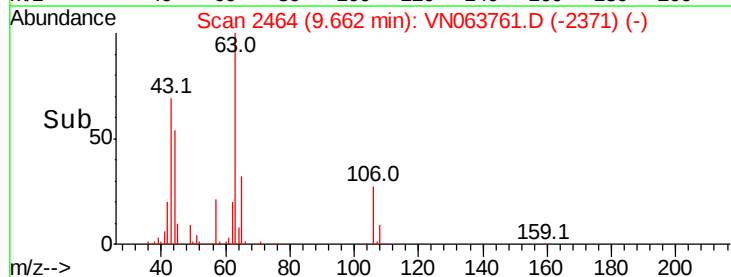
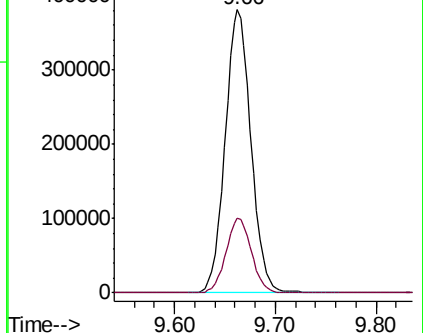
63 100

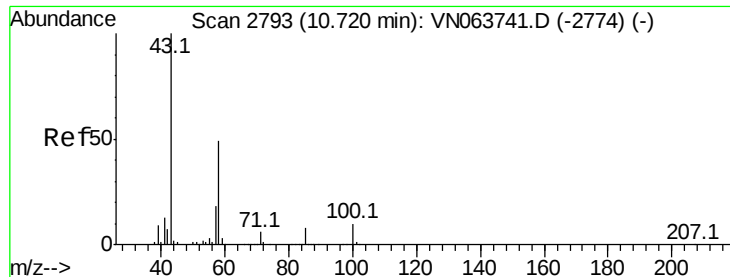
106 26.1 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 245.341 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

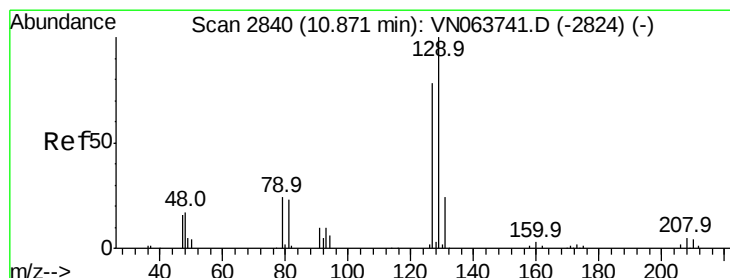
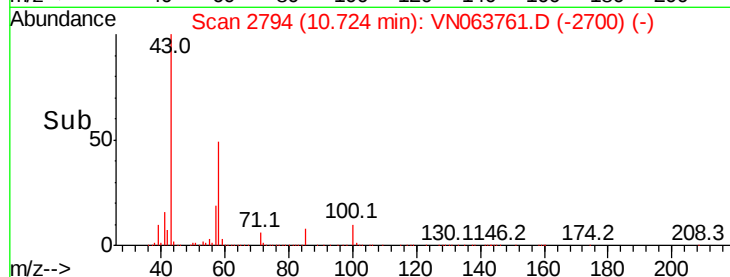
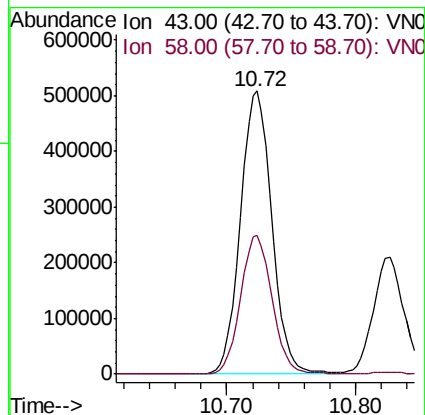
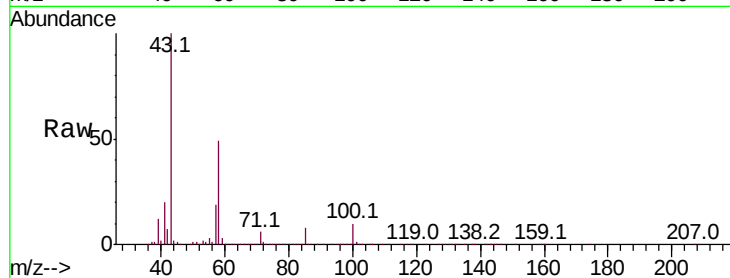
VSTDCCC050EC

Tot Ion: 43 Resp: 859532

Ion Ratio Lower Upper

43 100

58 49.4 24.6 73.8



#60

Dibromochloromethane

Concen: 48.415 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063761.D

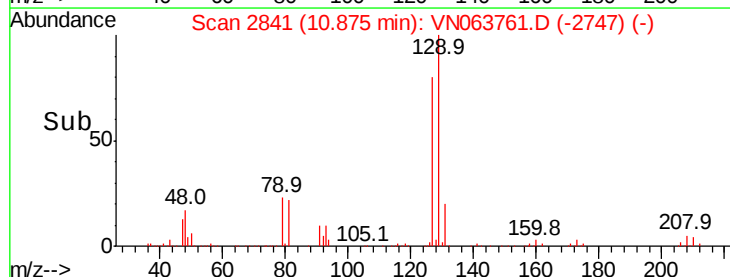
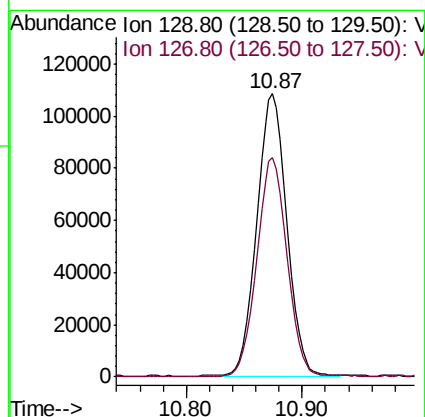
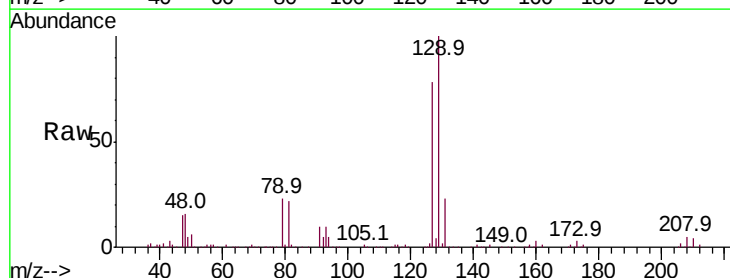
Acq: 30 Sep 2020 19:55

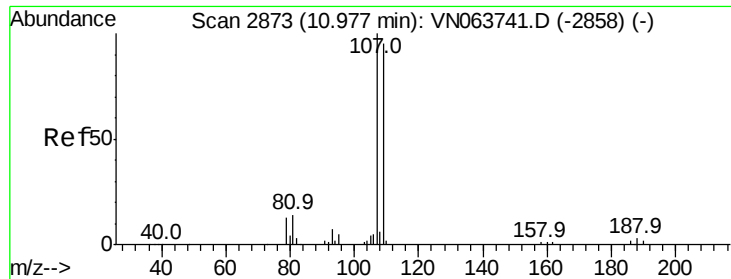
Tgt Ion: 129 Resp: 195901

Ion Ratio Lower Upper

129 100

127 78.6 38.9 116.7

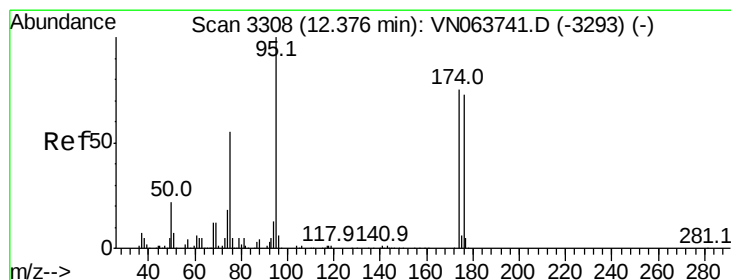
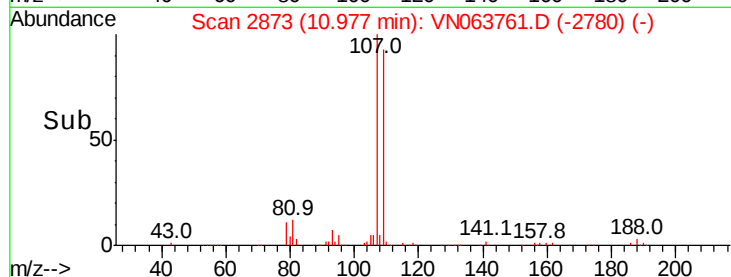
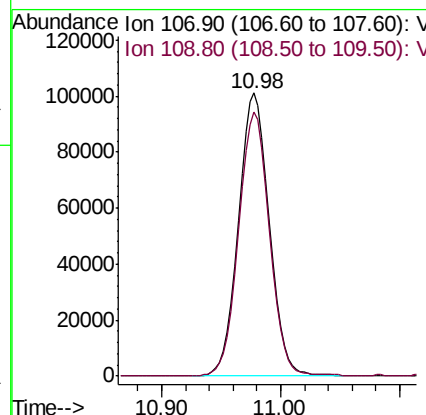
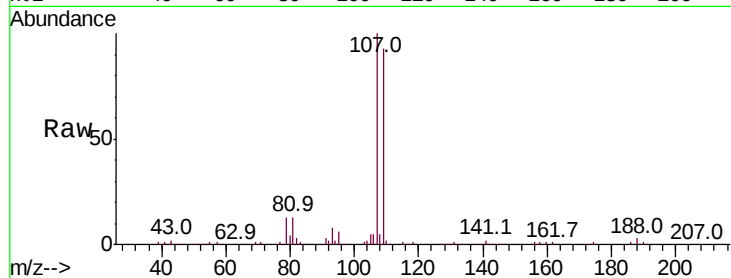




#61
 1,2-Dibromoethane
 Concen: 50.924 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

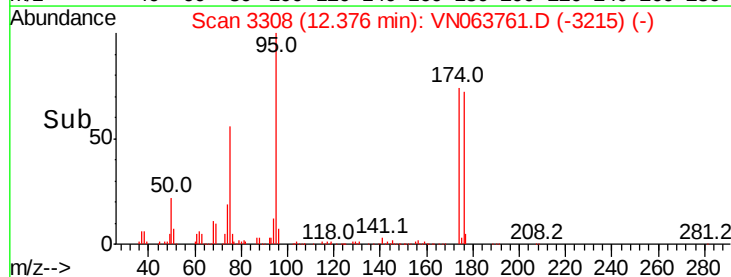
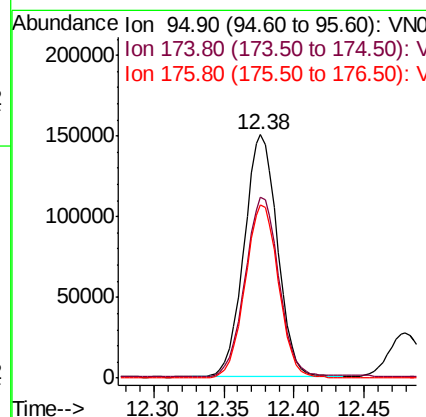
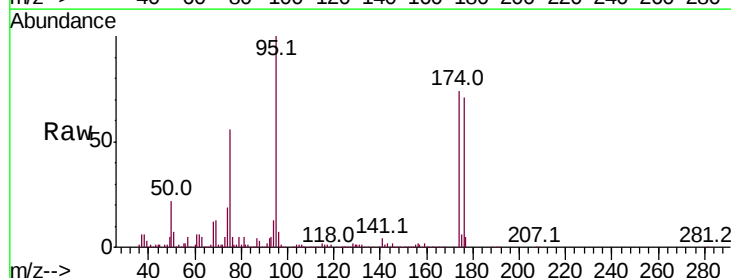
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

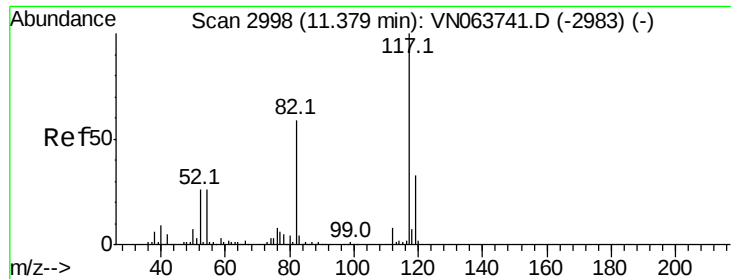
Tot Ion:107 Resp: 180989
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.818 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

Tgt Ion: 95 Resp: 248017
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 150.6
 176 72.2 0.0 145.4

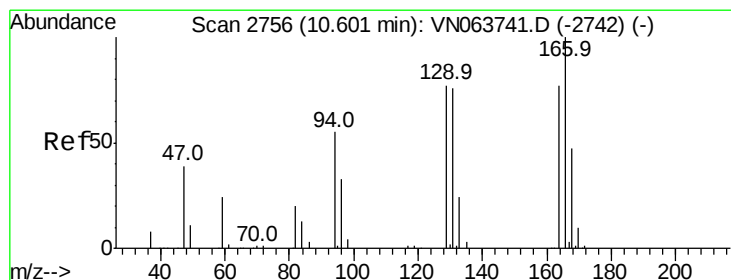
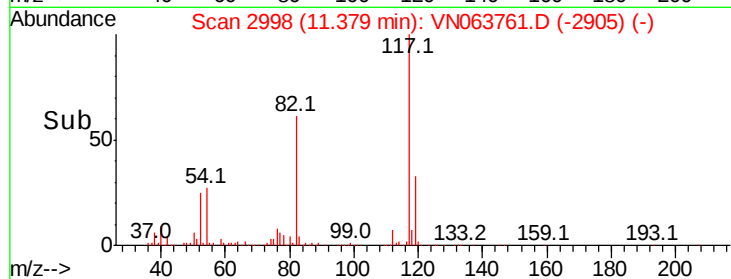
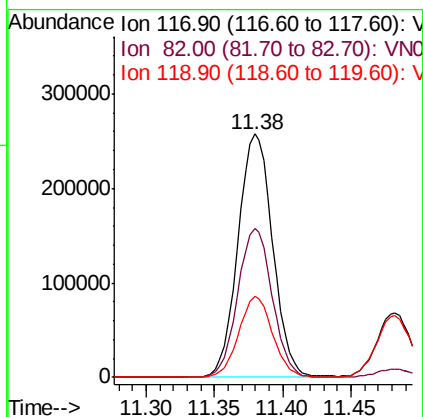
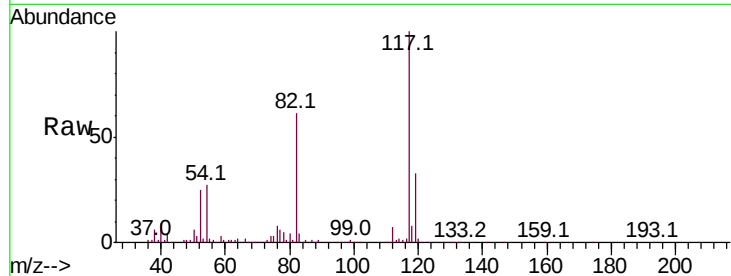




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

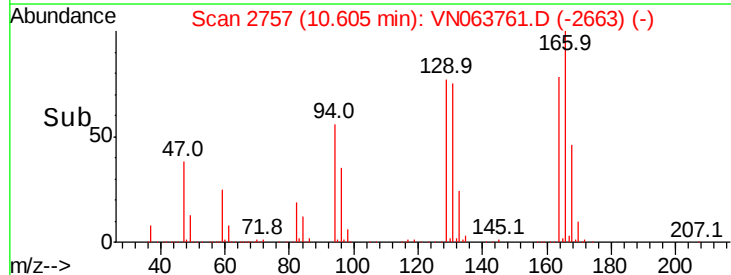
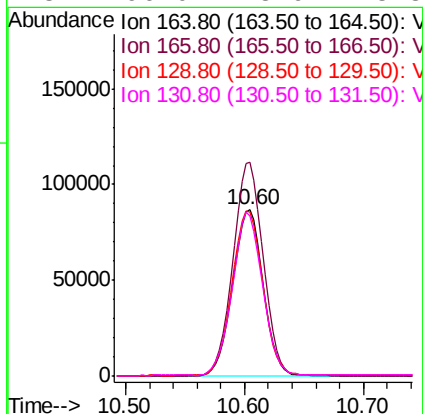
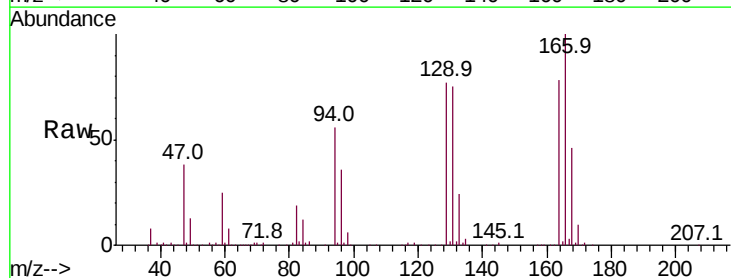
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

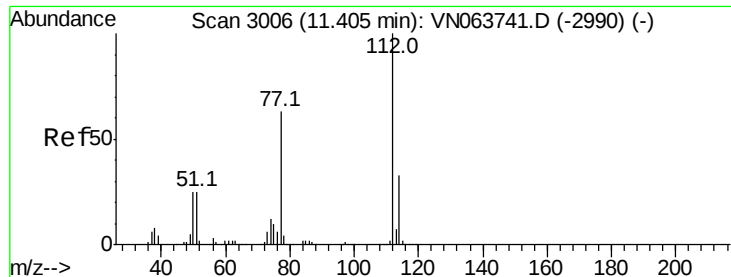
Tot Ion:117 Resp: 454686
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 33.0 26.4 39.6



#64
Tetrachloroethene
Concen: 43.764 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion:164 Resp: 153952
Ion Ratio Lower Upper
164 100
166 128.5 103.9 155.9
129 98.2 80.3 120.5
131 96.0 78.9 118.3

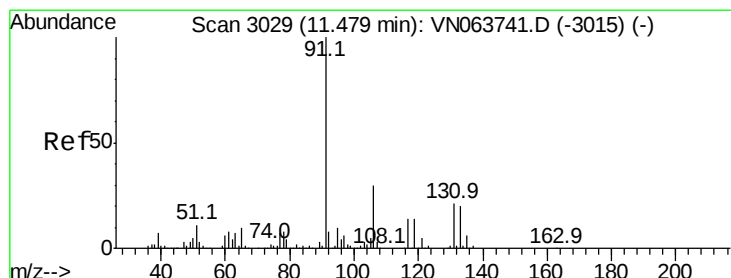
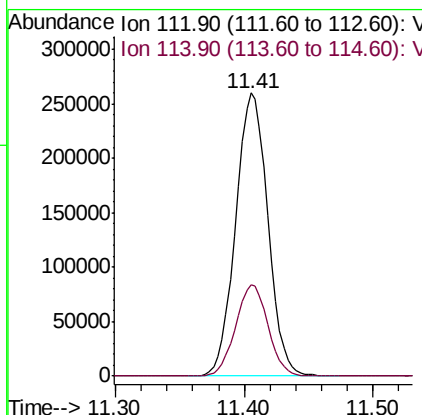
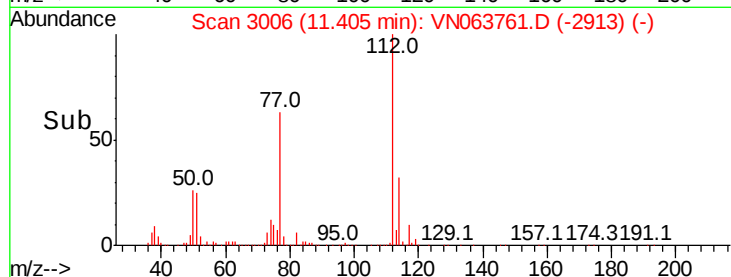
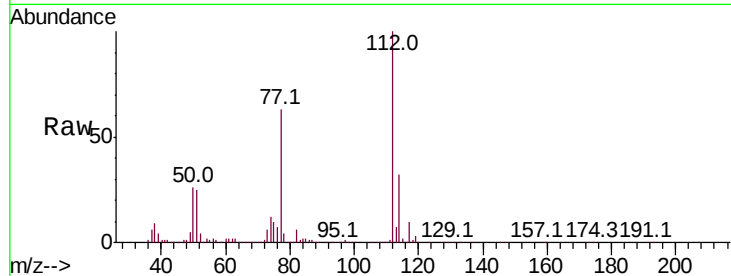




#65
Chlorobenzene
Concen: 48.355 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

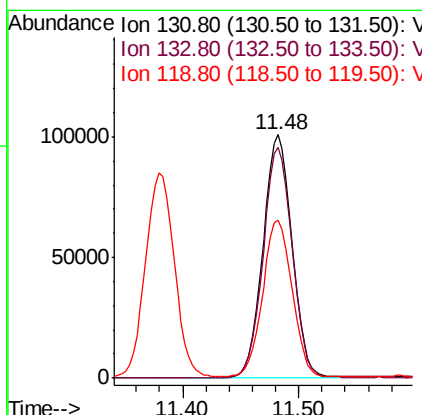
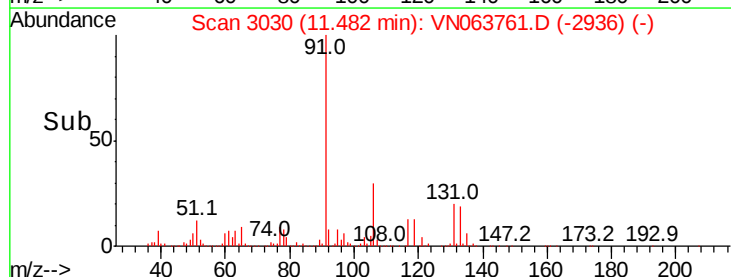
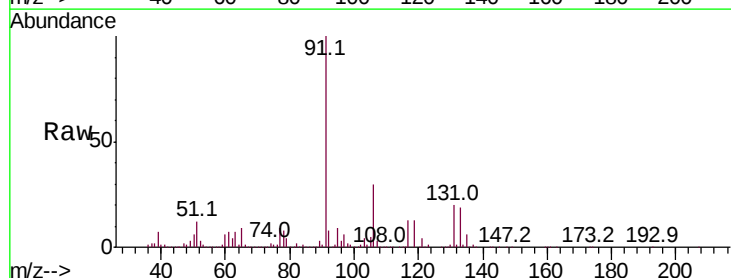
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

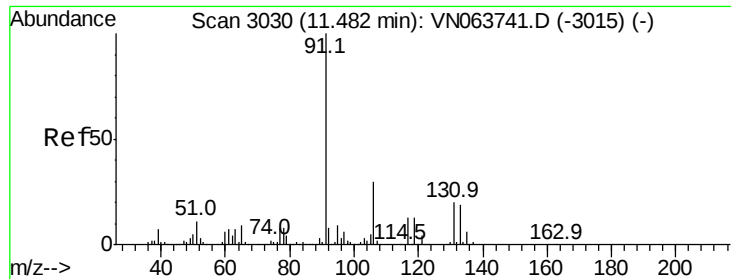
Tot Ion:112 Resp: 451004
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.844 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion:131 Resp: 174653
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 65.3 32.6 97.7





#67

Ethyl Benzene

Concen: 50.313 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

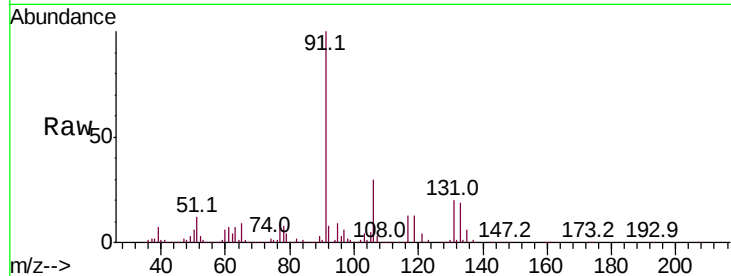
VSTDCCC050EC

Tot Ion: 91 Resp: 853909

Ion Ratio Lower Upper

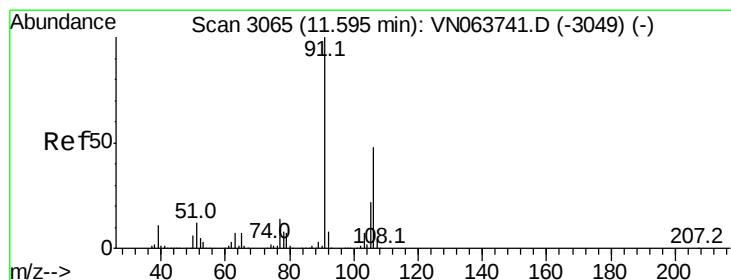
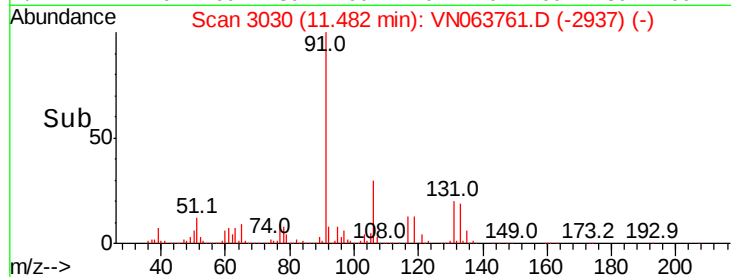
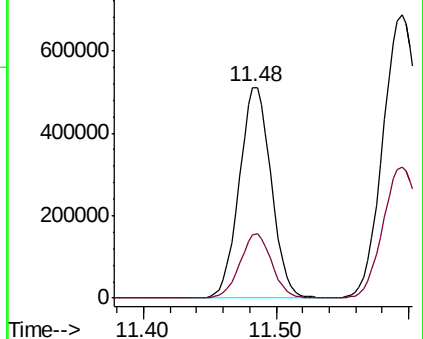
91 100

106 29.8 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN063761.D (-2937) (-)

Ion 106.00 (105.70 to 106.70): VN063761.D (-2937) (-)



#68

m/p-Xylenes

Concen: 98.301 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063761.D

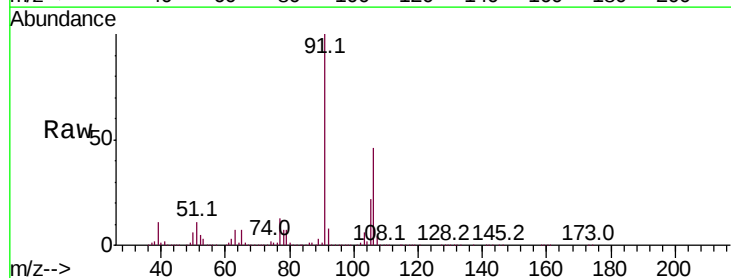
Acq: 30 Sep 2020 19:55

Tgt Ion: 106 Resp: 621786

Ion Ratio Lower Upper

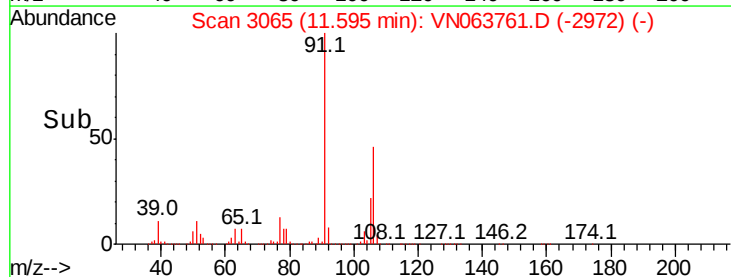
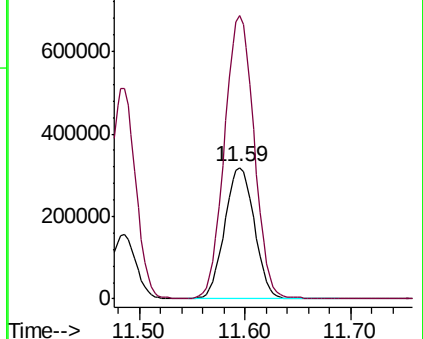
106 100

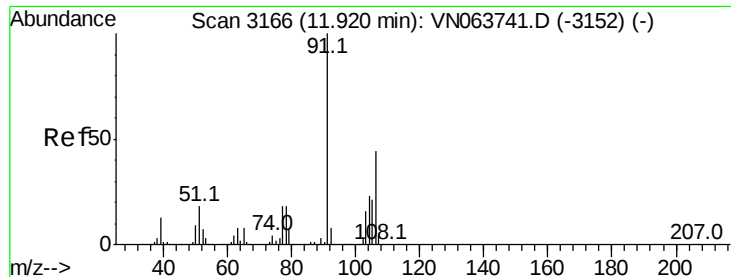
91 213.8 168.0 252.0



Abundance Ion 106.00 (105.70 to 106.70): VN063761.D (-2972) (-)

Ion 91.00 (90.70 to 91.70): VN063761.D (-2972) (-)

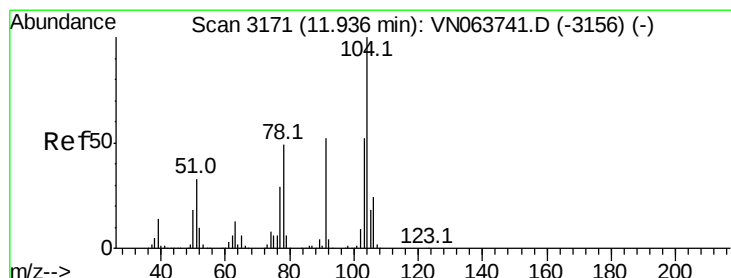
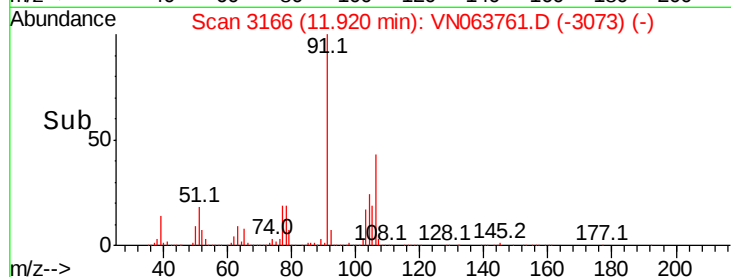
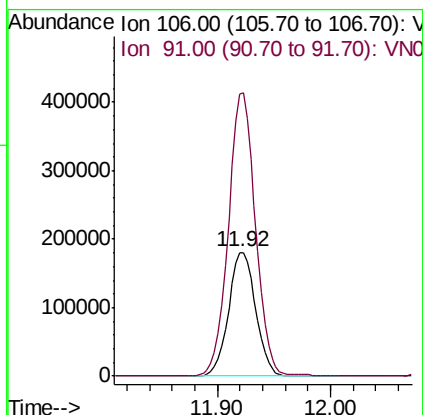
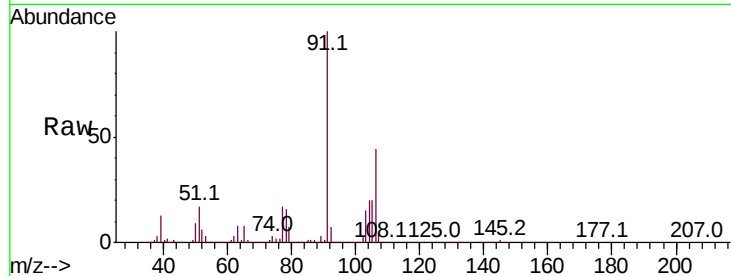




#69
o-Xylene
Concen: 51.019 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

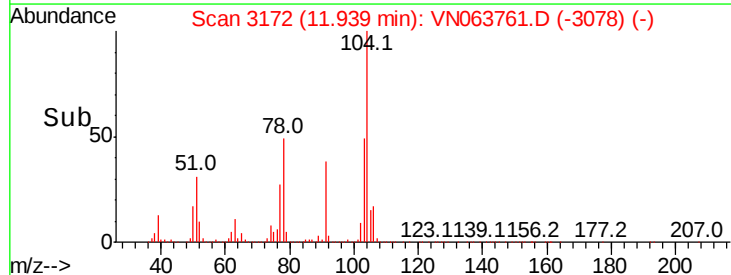
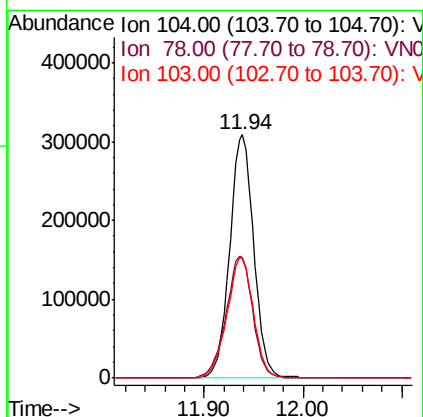
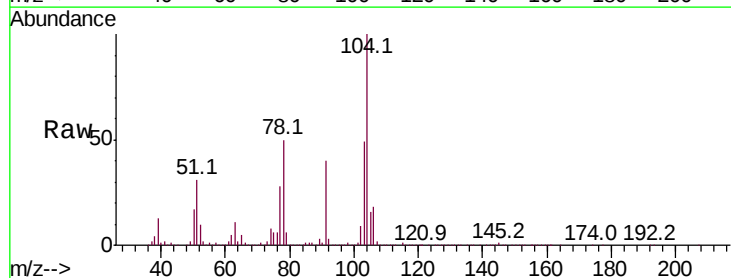
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

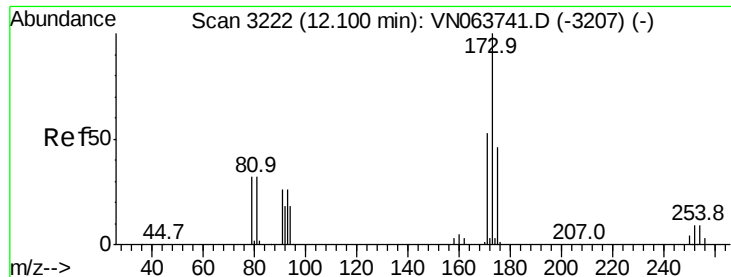
Tot Ion:106 Resp: 301631
Ion Ratio Lower Upper
106 100
91 226.0 112.7 338.0



#70
Styrene
Concen: 52.465 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion:104 Resp: 526521
Ion Ratio Lower Upper
104 100
78 55.2 44.1 66.1
103 54.1 44.3 66.5

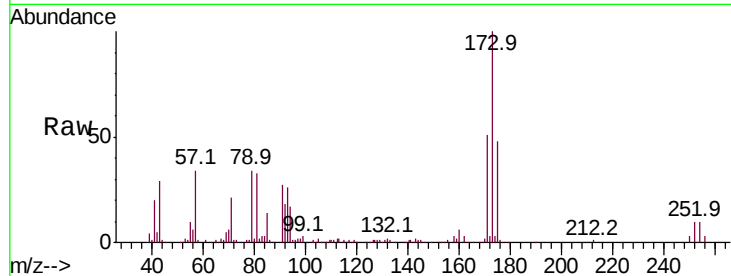




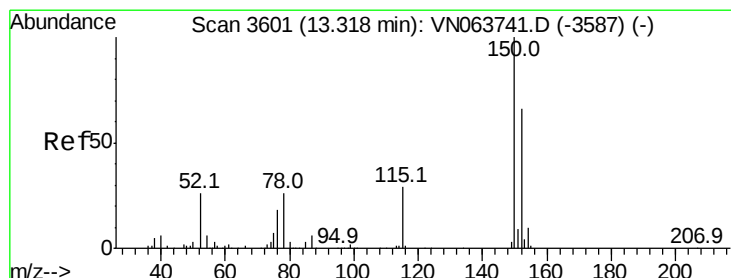
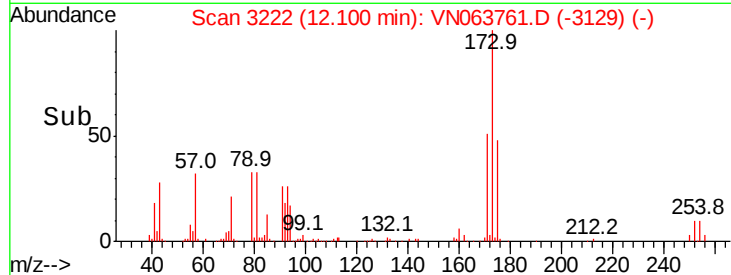
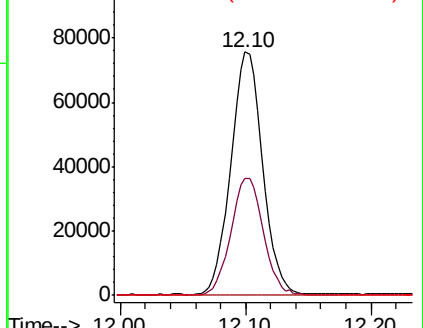
#71
Bromoform
Concen: 48.443 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 132479
Ion Ratio Lower Upper
173 100
175 49.6 23.5 70.5
254 0.0 0.0 0.0

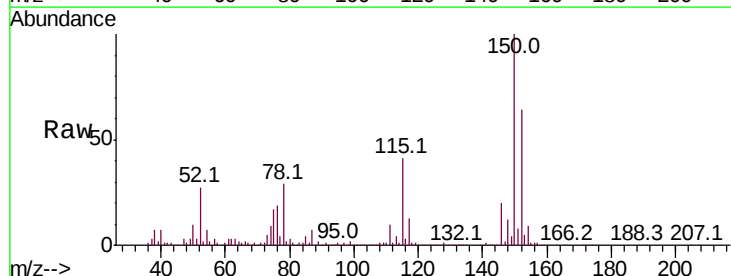


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

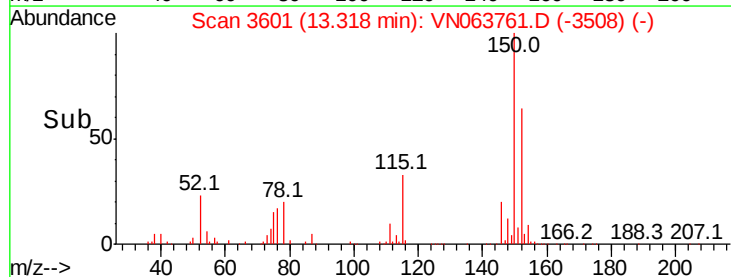
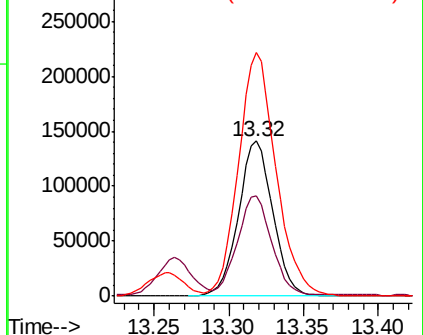


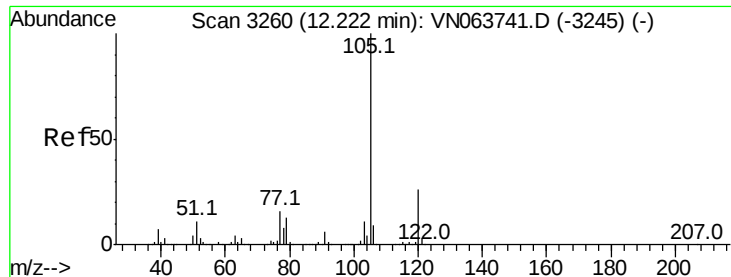
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion:152 Resp: 222855
Ion Ratio Lower Upper
152 100
115 64.3 31.3 93.8
150 172.8 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: 49.410 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

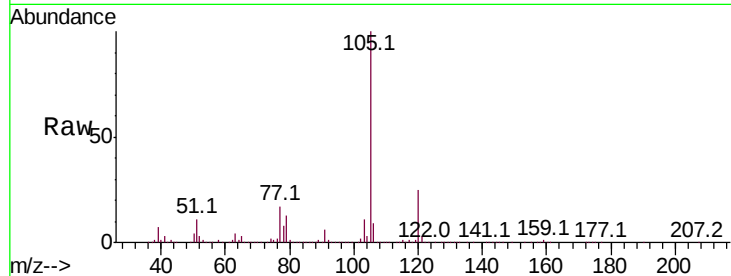
VSTDCCC050EC

Tot Ion:105 Resp: 803161

Ion Ratio Lower Upper

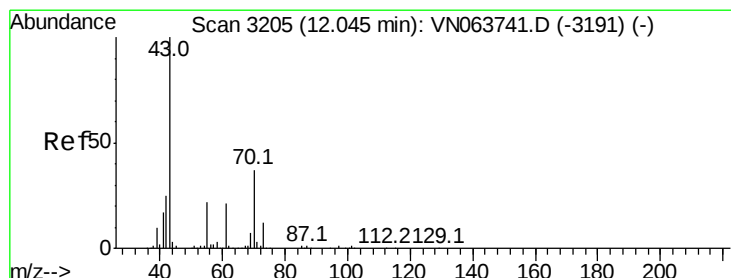
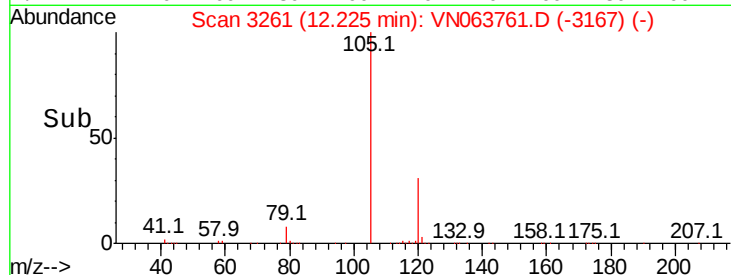
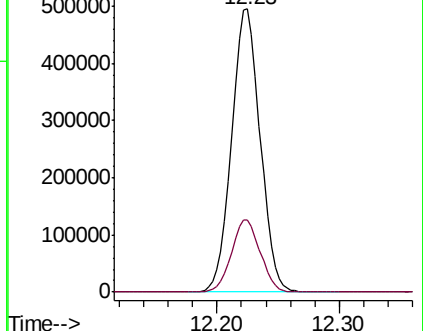
105 100

120 25.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 68.009 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Tgt Ion: 43 Resp: 520113

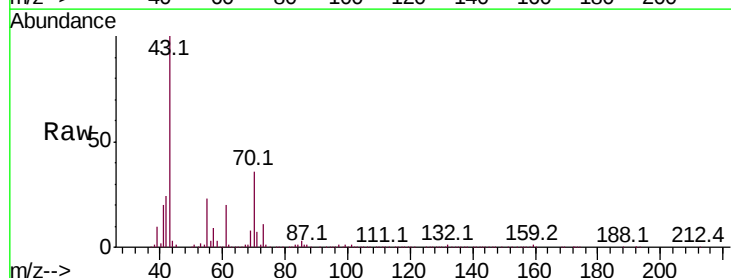
Ion Ratio Lower Upper

43 100

70 28.2 29.8 44.8#

55 22.1 17.9 26.9

61 15.1 17.0 25.4#

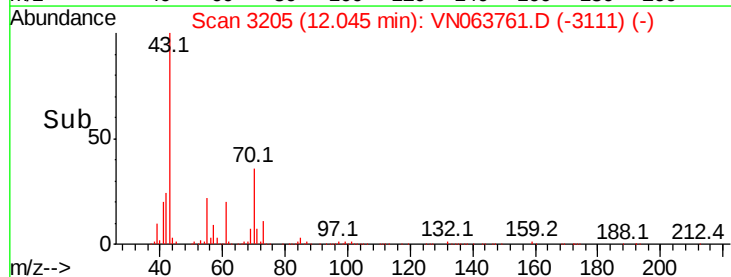
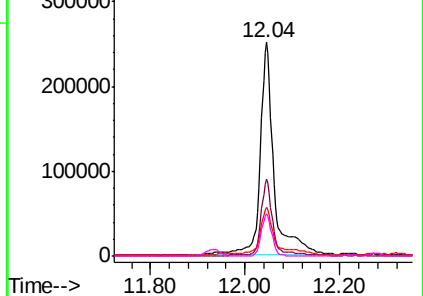


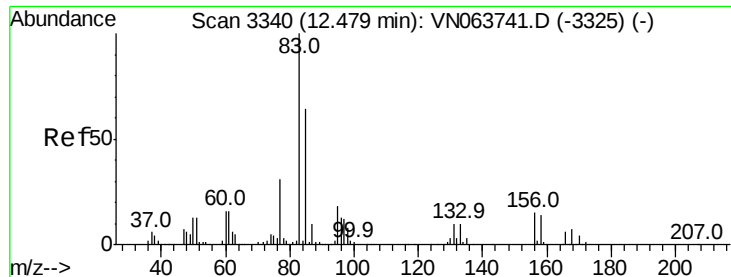
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.090 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

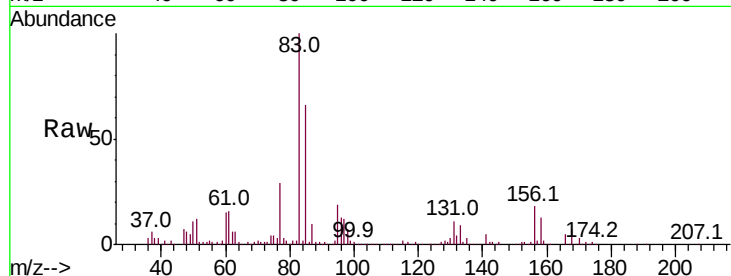
Tot Ion: 83 Resp: 244007

Ion Ratio Lower Upper

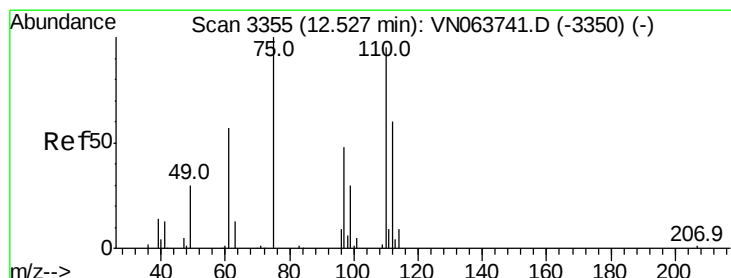
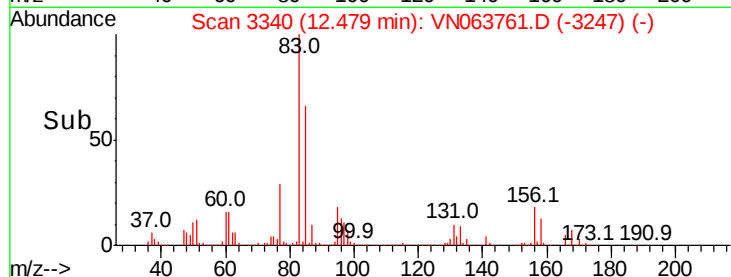
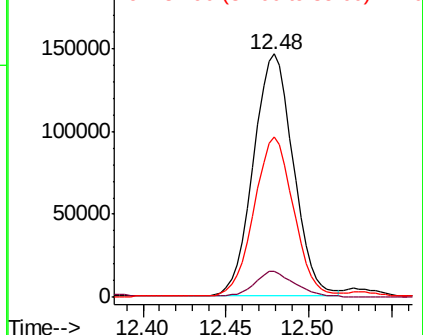
83 100

131 10.4 5.3 15.8

85 65.3 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 67.567 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063761.D

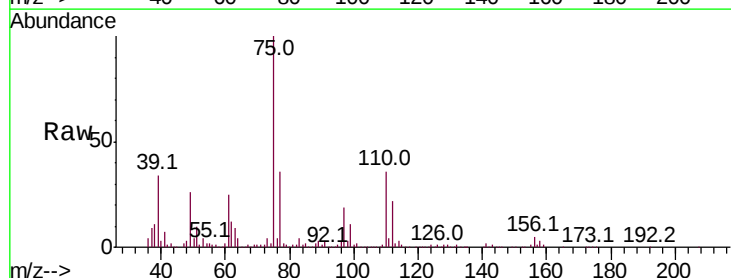
Acq: 30 Sep 2020 19:55

Tgt Ion: 75 Resp: 331930

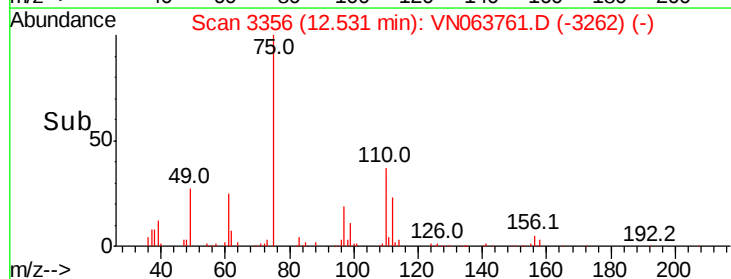
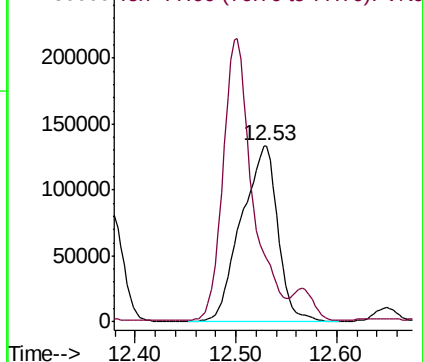
Ion Ratio Lower Upper

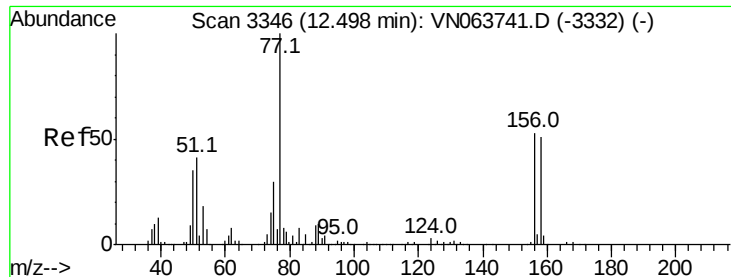
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 51.258 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

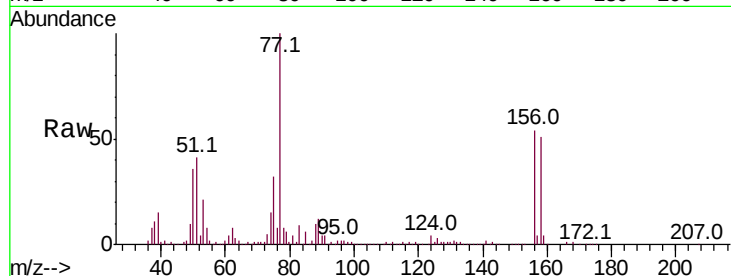
Tot Ion:156 Resp: 204447

Ion Ratio Lower Upper

156 100

77 212.7 110.9 332.7

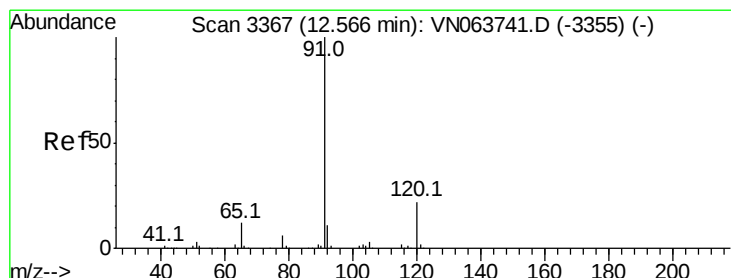
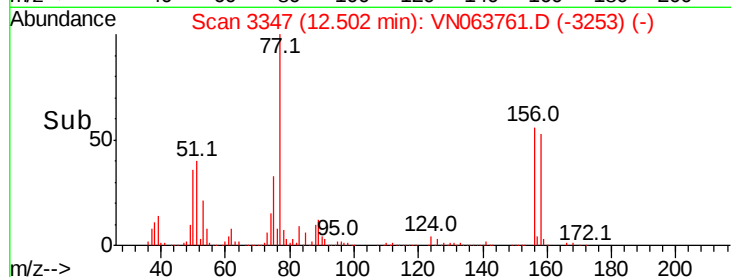
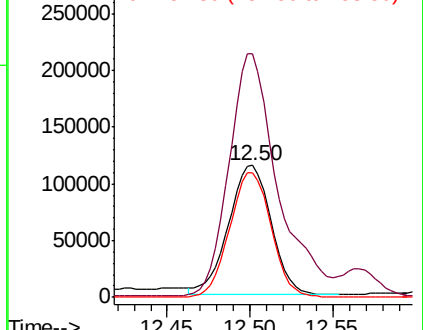
158 94.2 47.7 143.1



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: 49.143 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063761.D

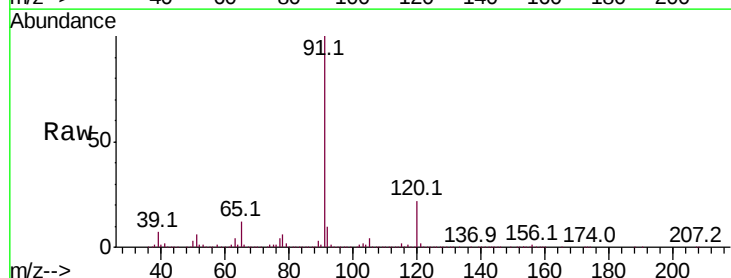
Acq: 30 Sep 2020 19:55

Tgt Ion: 91 Resp: 929652

Ion Ratio Lower Upper

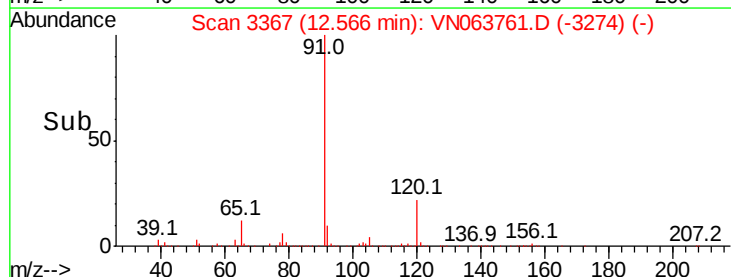
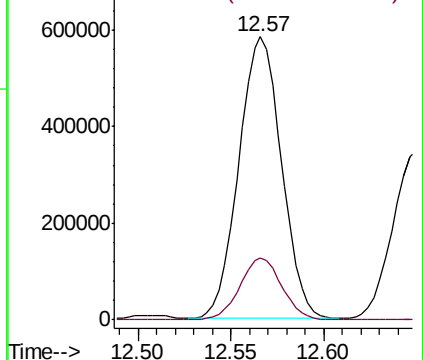
91 100

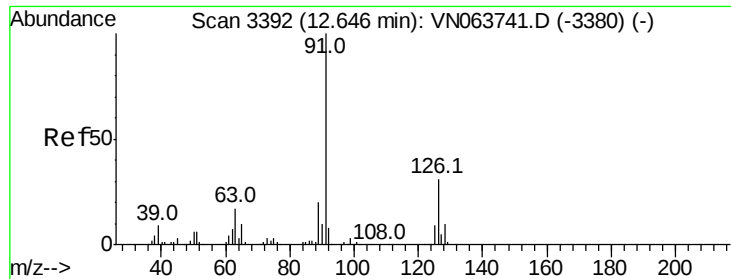
120 21.6 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.718 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

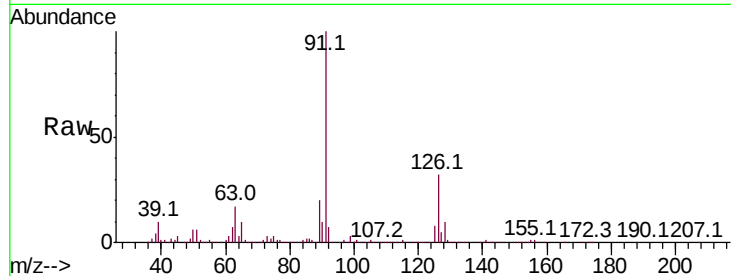
VSTDCCC050EC

Tot Ion: 91 Resp: 566815

Ion Ratio Lower Upper

91 100

126 32.3 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)

500000

400000

300000

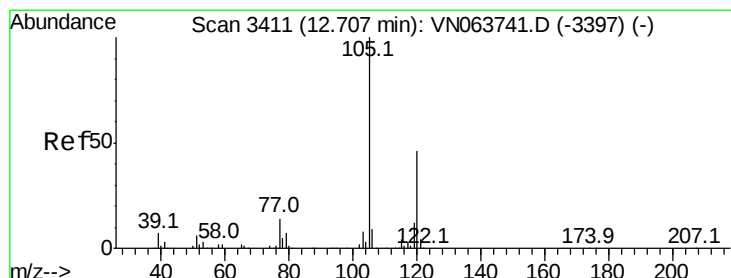
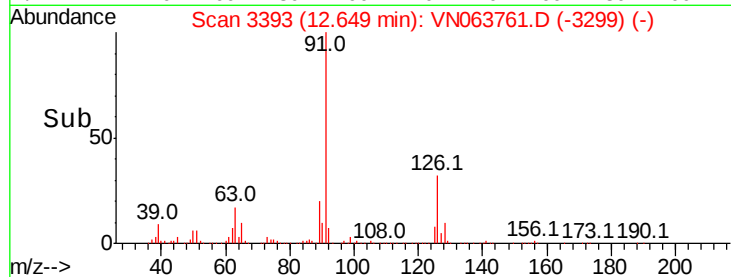
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.391 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063761.D

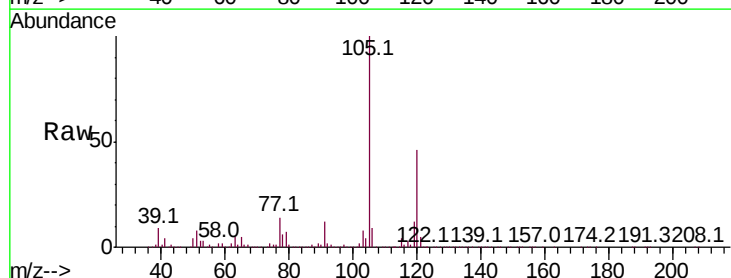
Acq: 30 Sep 2020 19:55

Tgt Ion: 105 Resp: 687180

Ion Ratio Lower Upper

105 100

120 46.1 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)

500000

400000

300000

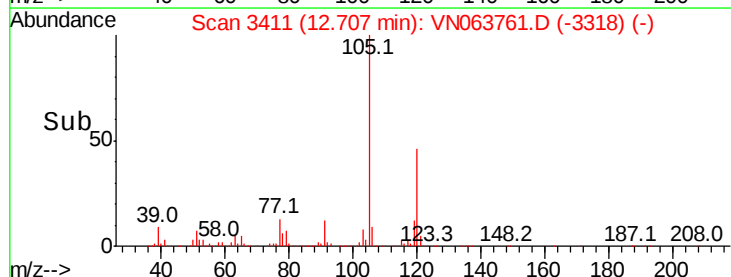
200000

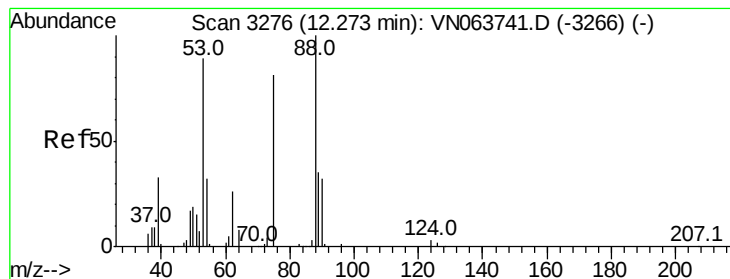
100000

0

12.70 12.71 12.72

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.138 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

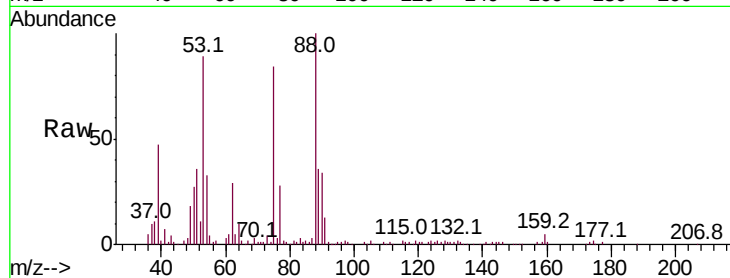
Tot Ion: 75 Resp: 82108

Ion Ratio Lower Upper

75 100

53 110.6 88.2 132.2

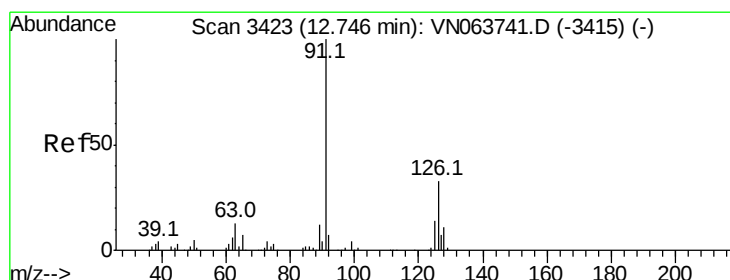
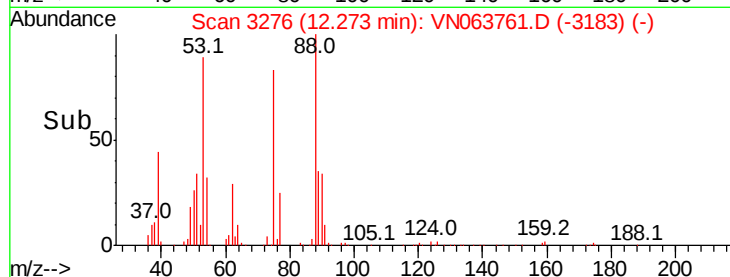
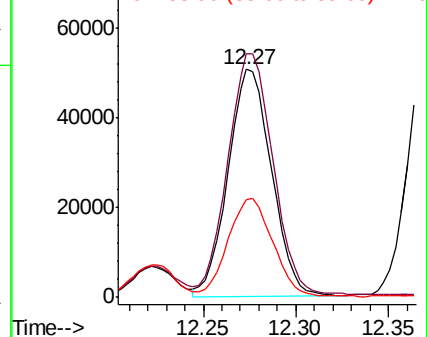
89 44.3 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.948 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063761.D

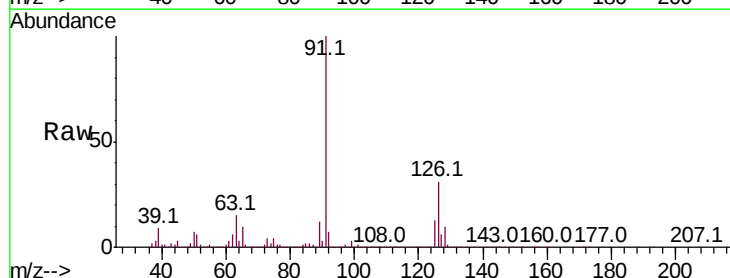
Acq: 30 Sep 2020 19:55

Tgt Ion: 91 Resp: 603264

Ion Ratio Lower Upper

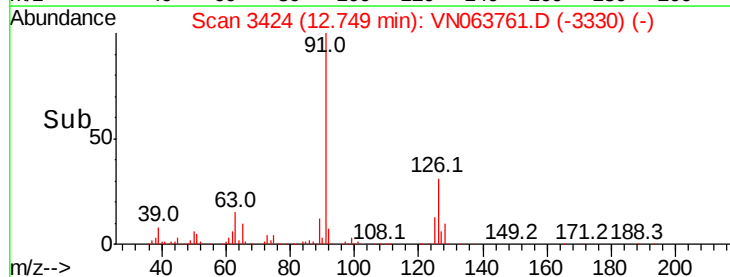
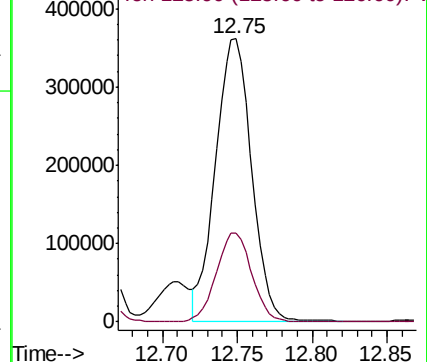
91 100

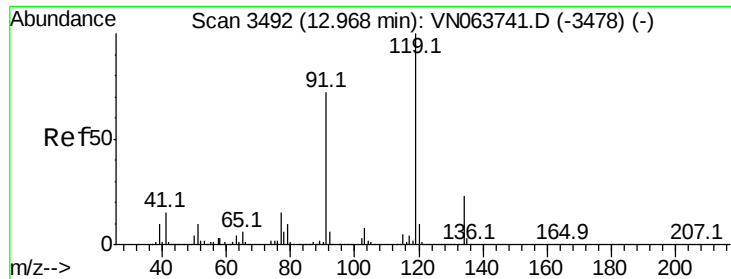
126 30.9 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

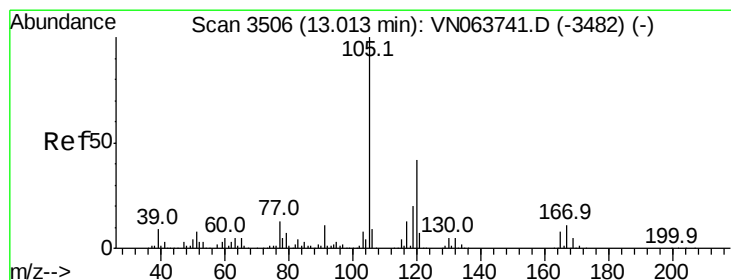
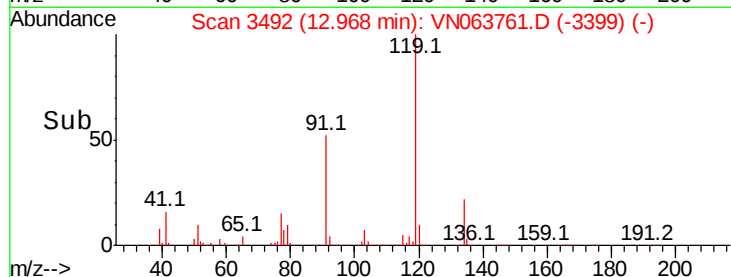
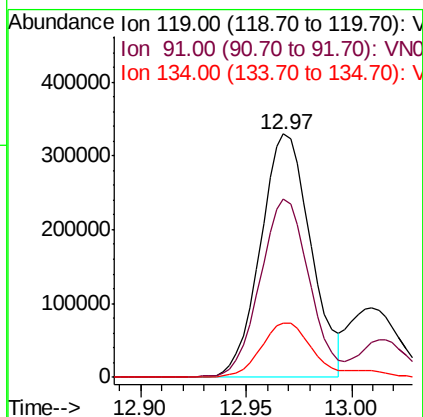
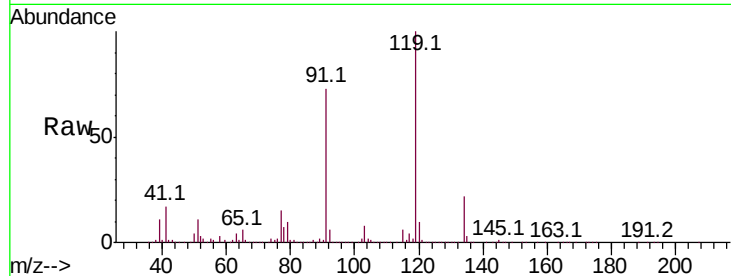




#83
tert-Butylbenzene
Concen: 48.979 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

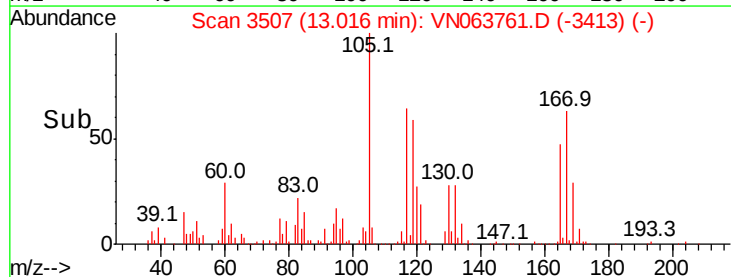
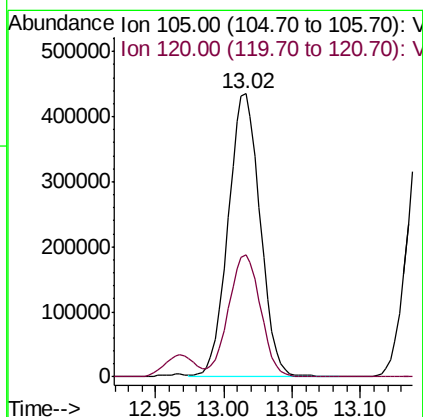
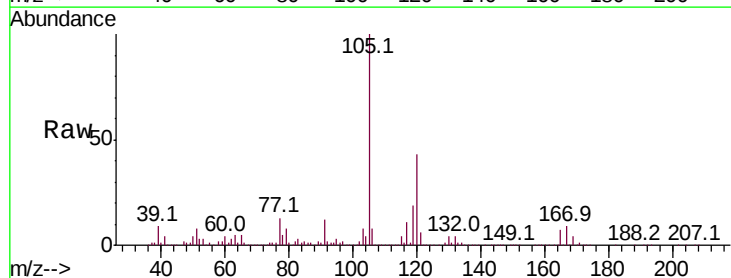
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

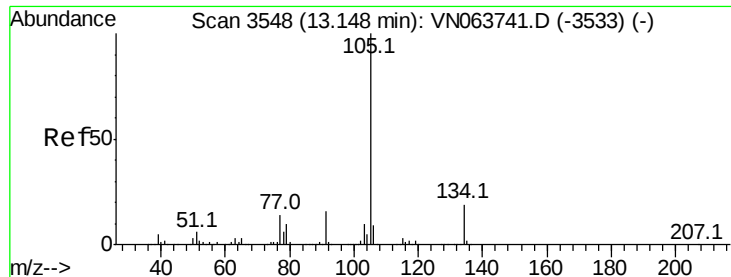
Tot Ion:119 Resp: 546354
Ion Ratio Lower Upper
119 100
91 71.2 35.5 106.5
134 24.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 51.696 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion:105 Resp: 703858
Ion Ratio Lower Upper
105 100
120 43.3 20.9 62.7

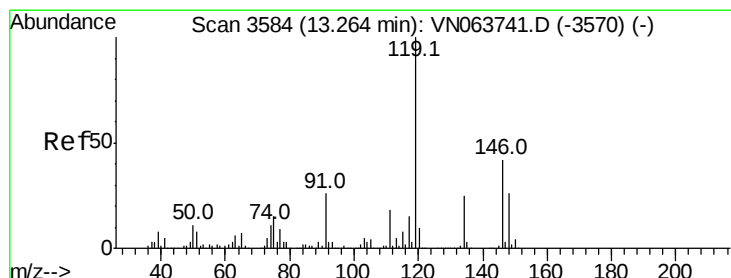
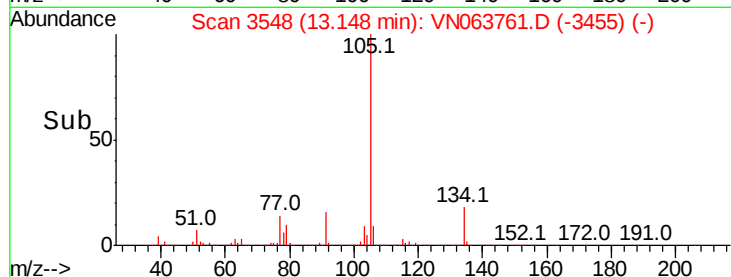
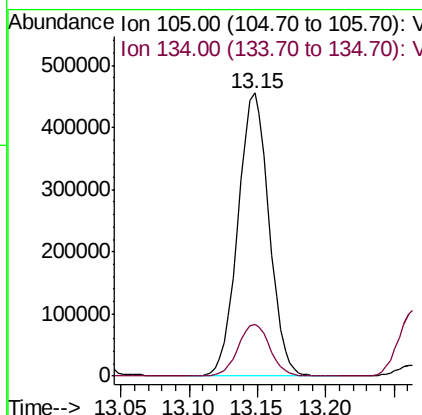
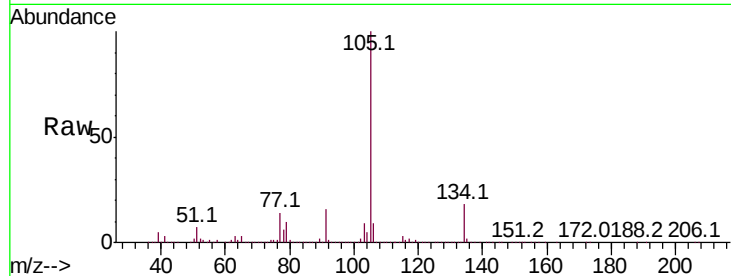




#85
 sec-Butylbenzene
 Concen: 48.775 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

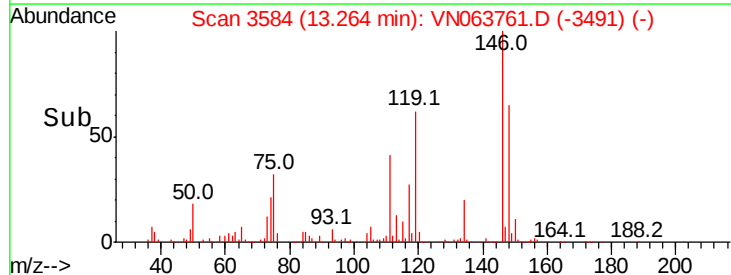
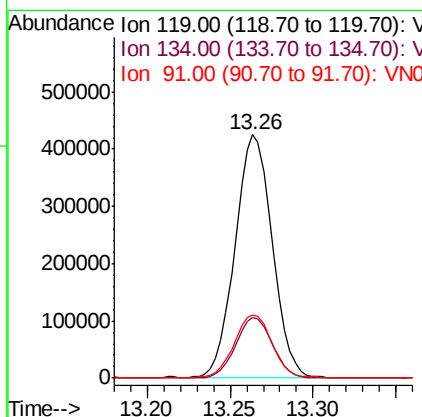
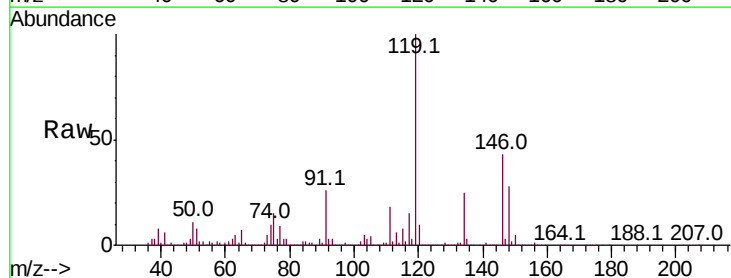
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

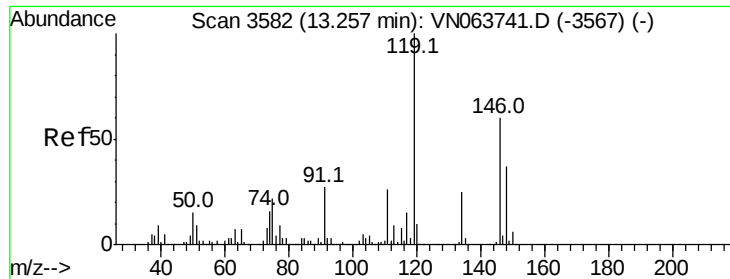
Tot Ion:105 Resp: 714611
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 50.801 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

Tgt Ion:119 Resp: 658441
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 26.2 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 48.826 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

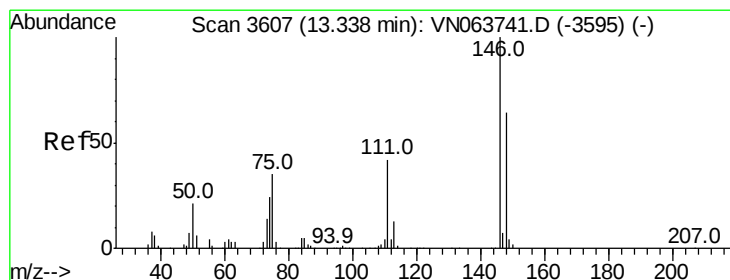
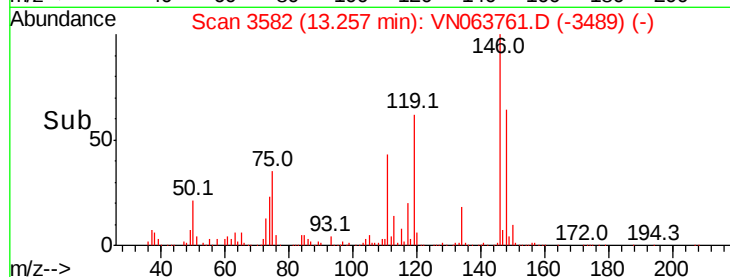
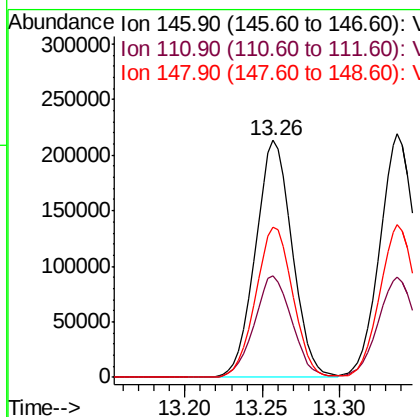
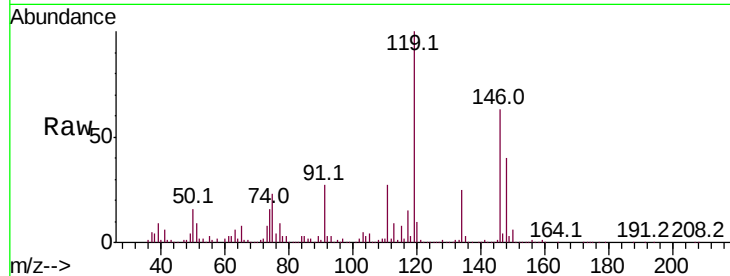
Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 352322

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	64.0	31.1	93.3



#88

1,4-Dichlorobenzene

Concen: 47.474 ug/l

RT: 13.34 min Scan# 3607

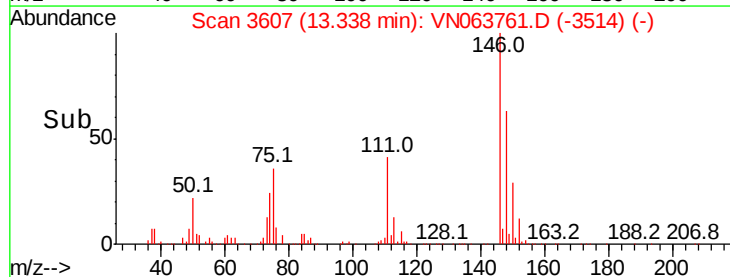
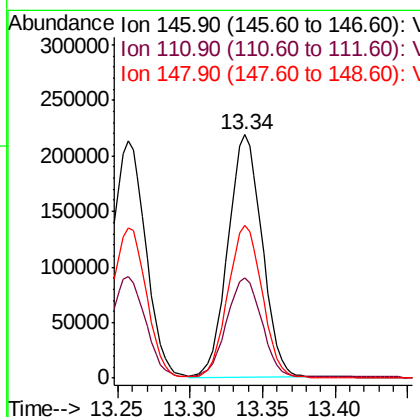
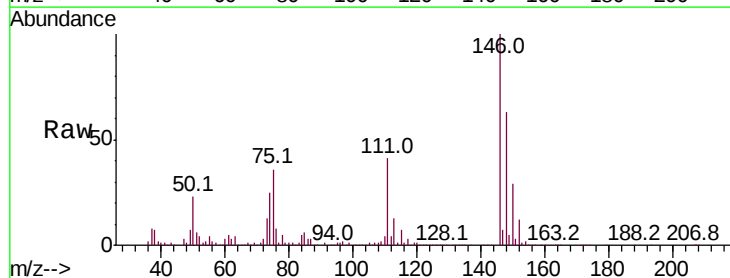
Delta R.T. 0.00 min

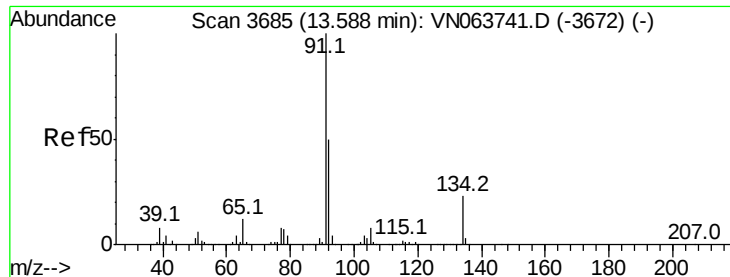
Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Tgt Ion:146 Resp: 356680

Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.3	63.7
148	63.0	32.0	96.0

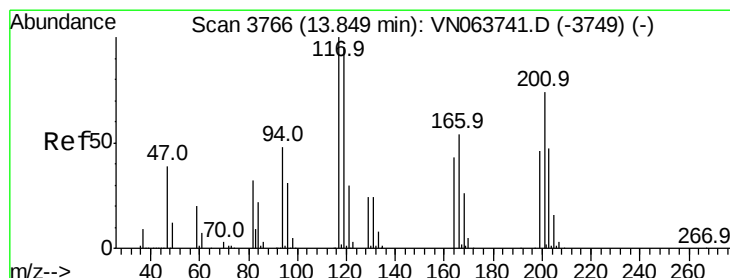
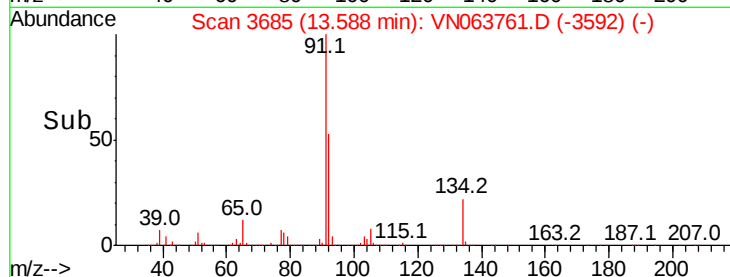
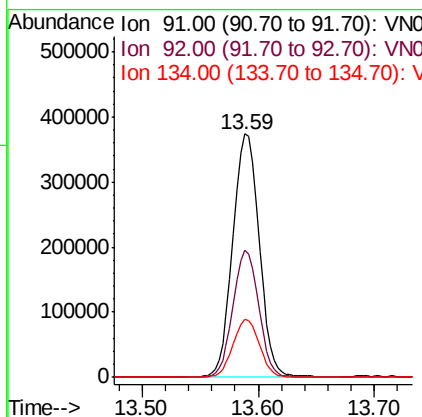
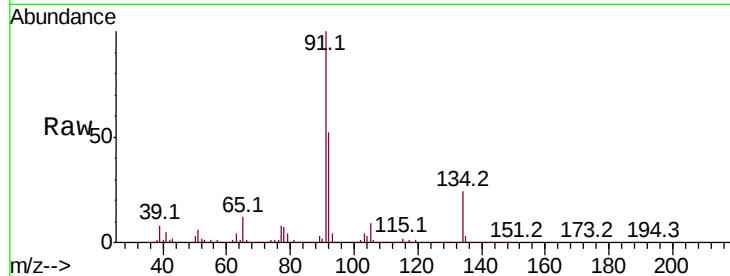




#89
n-Butylbenzene
Concen: 48.883 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

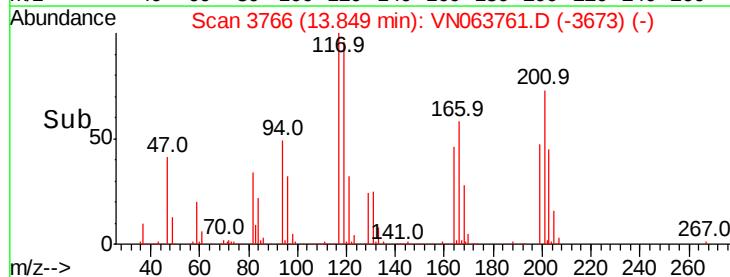
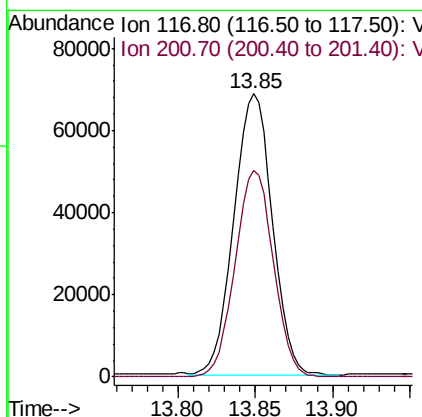
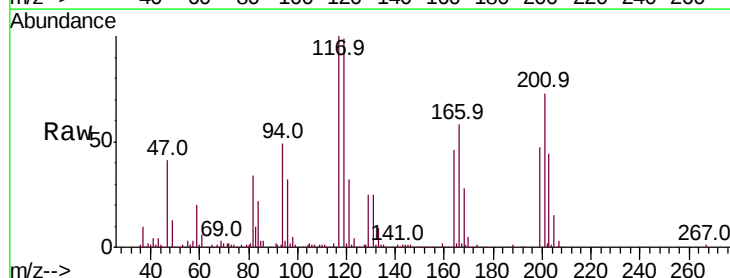
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

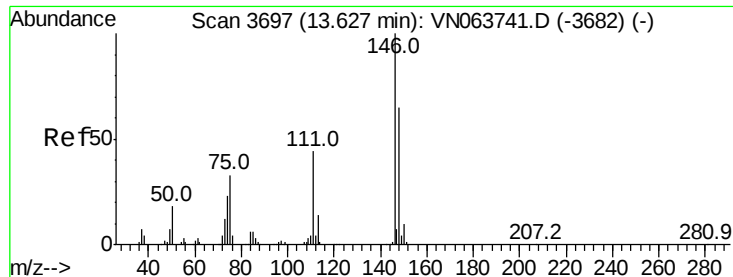
Tot Ion: 91 Resp: 584779
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.4
134 24.0 11.7 35.1



#90
Hexachloroethane
Concen: 47.144 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063761.D
Acq: 30 Sep 2020 19:55

Tgt Ion: 117 Resp: 118405
Ion Ratio Lower Upper
117 100
201 72.7 36.0 108.0





#91

1,2-Dichlorobenzene

Concen: 48.570 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

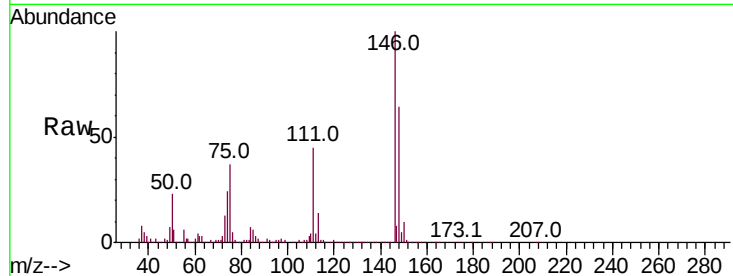
Tot Ion:146 Resp: 347134

Ion Ratio Lower Upper

146 100

111 44.6 22.2 66.6

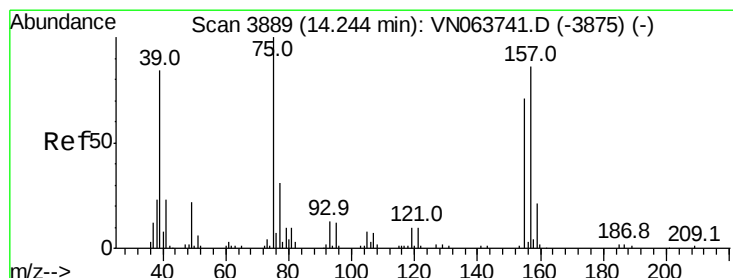
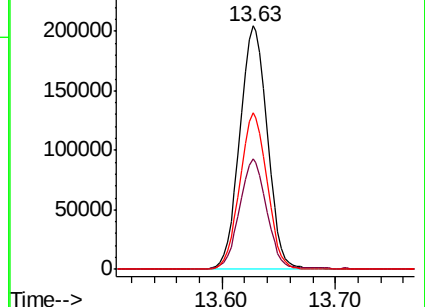
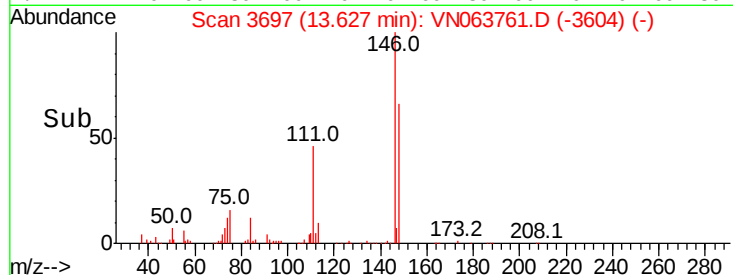
148 63.6 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.943 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

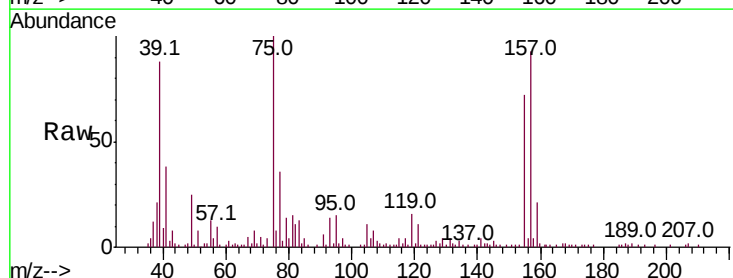
Tgt Ion: 75 Resp: 55887

Ion Ratio Lower Upper

75 100

155 73.0 34.8 104.5

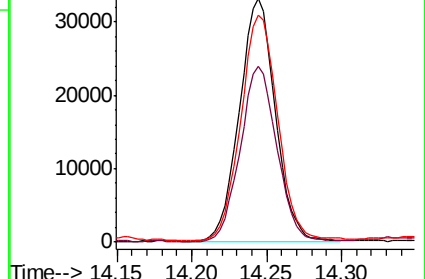
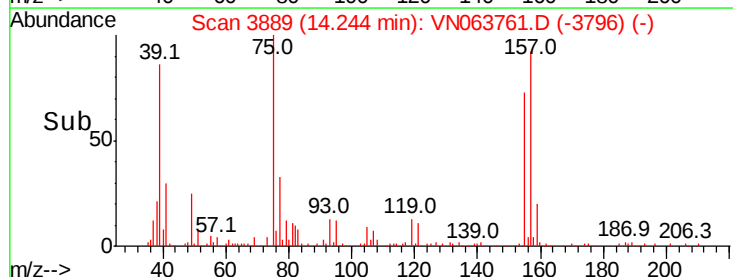
157 93.8 43.7 131.1

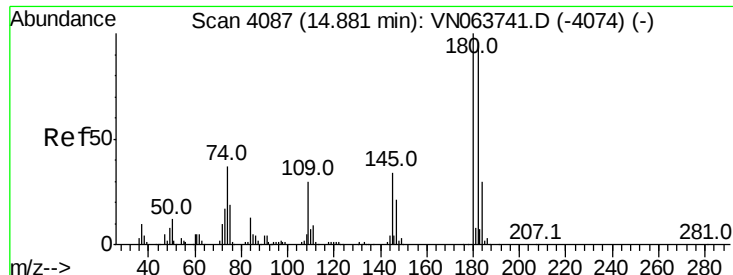


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

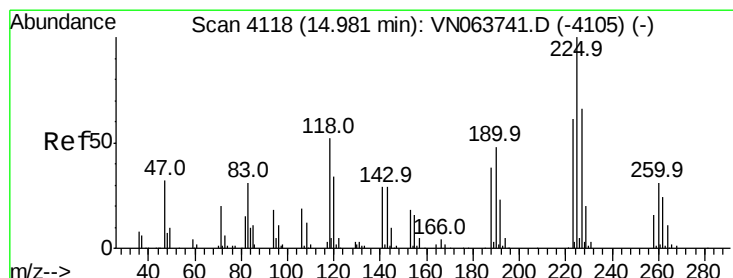
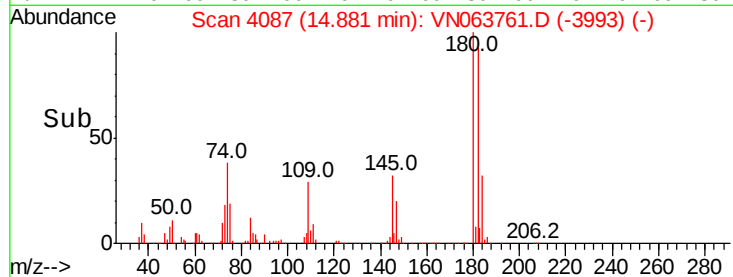
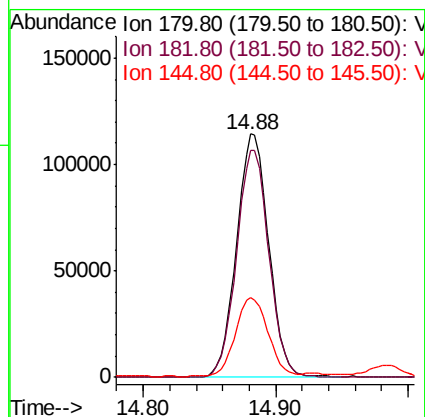
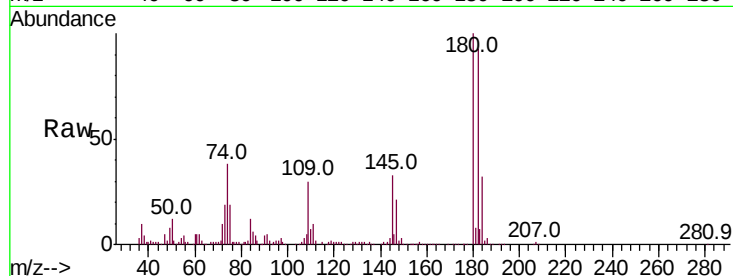




#93
 1,2,4-Trichlorobenzene
 Concen: 49.557 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

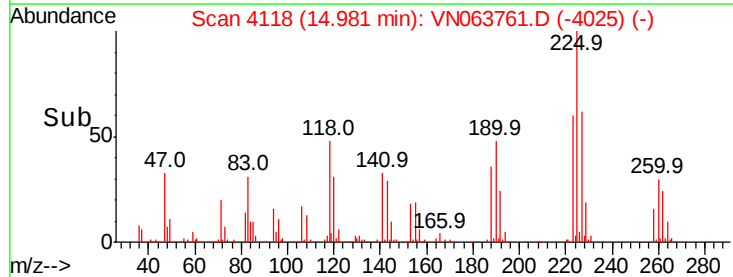
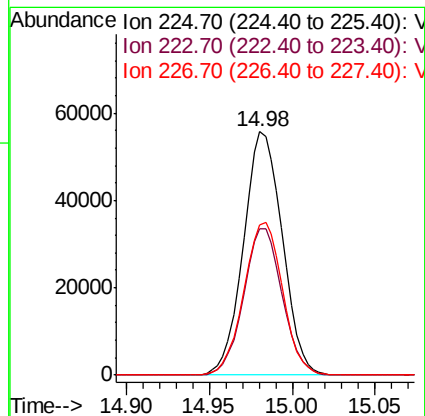
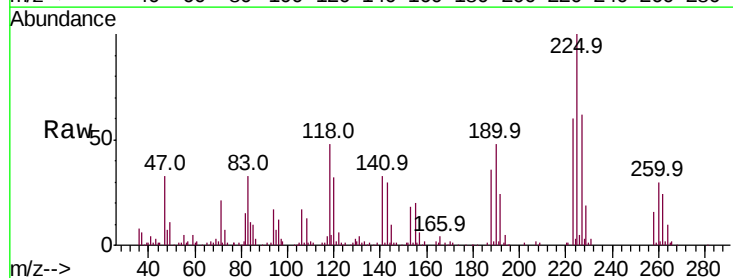
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

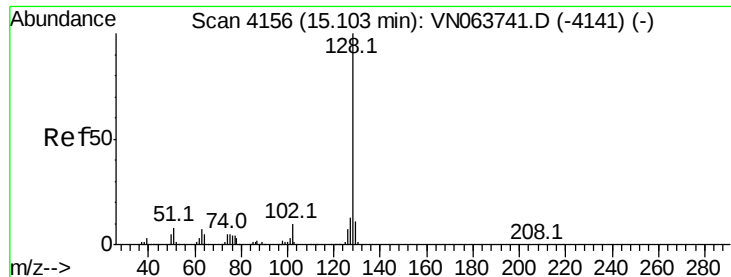
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.2	144.6
145	32.9	17.1	51.2



#94
 Hexachlorobutadiene
 Concen: 46.964 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063761.D
 Acq: 30 Sep 2020 19:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	30.3	91.0
227	62.5	31.9	95.5





#95

Naphthalene

Concen: 54.515 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

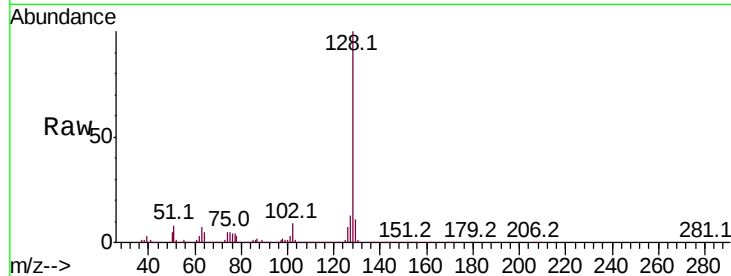
Tot Ion:128 Resp: 657701

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

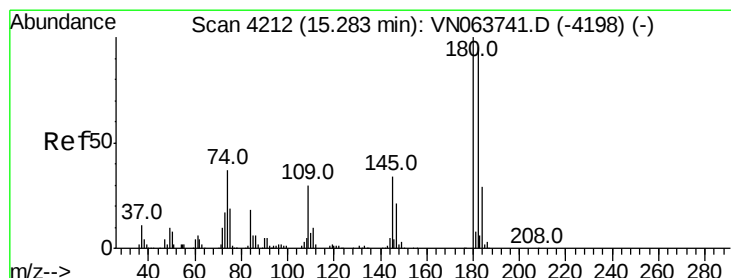
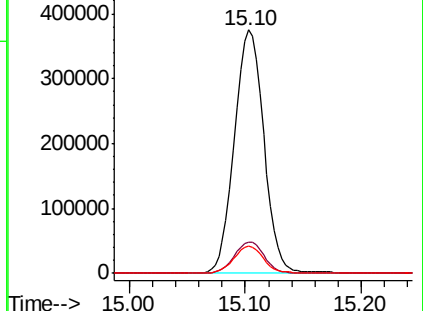
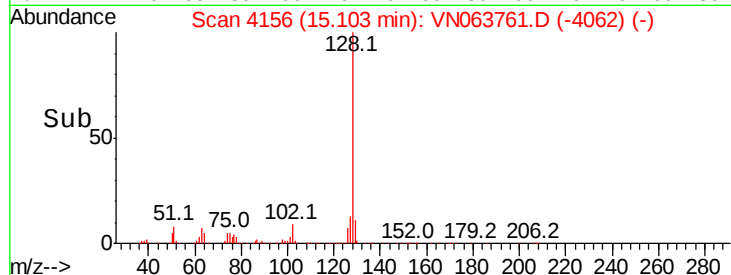
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.351 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063761.D

Acq: 30 Sep 2020 19:55

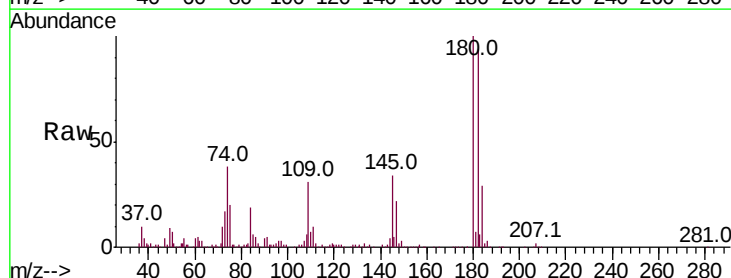
Tgt Ion:180 Resp: 182049

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.6

145 34.5 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

