

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063379.D
 Acq On : 16 Sep 2020 21:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 17 04:08:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	284761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	469355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225259	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	215821	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
35) Dibromofluoromethane	7.55	113	152536	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
50) Toluene-d8	10.06	98	584303	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
62) 4-Bromofluorobenzene	12.38	95	224894	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	151983	47.111	ug/l	99
3) Chloromethane	2.04	50	197761	46.338	ug/l	99
4) Vinyl Chloride	2.16	62	185643	49.097	ug/l	99
5) Bromomethane	2.53	94	111113	49.493	ug/l	97
6) Chloroethane	2.67	64	107251	46.208	ug/l	99
7) Trichlorofluoromethane	2.99	101	271345	48.099	ug/l	100
8) Diethyl Ether	3.38	74	106527	48.439	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	149143	47.009	ug/l	99
10) Methyl Iodide	3.91	142	198139	47.969	ug/l	99
11) Tert butyl alcohol	4.73	59	147324	219.384	ug/l	99
12) 1,1-Dichloroethene	3.70	96	151599	47.176	ug/l	98
13) Acrolein	3.57	56	103883	417.434	ug/l	99
14) Allyl chloride	4.28	41	302402	47.574	ug/l	98
15) Acrylonitrile	4.93	53	405468	237.371	ug/l	100
16) Acetone	3.77	43	355432	228.153	ug/l	99
17) Carbon Disulfide	4.01	76	429671	45.968	ug/l	99
18) Methyl Acetate	4.28	43	185270	46.846	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	556794	46.489	ug/l	99
20) Methylene Chloride	4.51	84	180905	45.833	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	164624	46.239	ug/l	98
22) Diisopropyl ether	5.90	45	615277	47.462	ug/l	99
23) Vinyl Acetate	5.84	43	2583462	242.655	ug/l	100
24) 1,1-Dichloroethane	5.80	63	337497	47.685	ug/l	99
25) 2-Butanone	6.78	43	553474	231.002	ug/l	98
26) 2,2-Dichloropropane	6.78	77	263108	42.223	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	192805	47.845	ug/l	100
28) Bromochloromethane	7.15	49	150343	46.006	ug/l	99
29) Tetrahydrofuran	7.16	42	374947	229.130	ug/l	99
30) Chloroform	7.33	83	339623	47.829	ug/l	99
31) Cyclohexane	7.61	56	290116	43.335	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	297995	47.183	ug/l	99
36) 1,1-Dichloropropene	7.75	75	248036	45.831	ug/l	100
37) Ethyl Acetate	6.88	43	243916	45.921	ug/l	99
38) Carbon Tetrachloride	7.74	117	253506	45.887	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	266833	45.428	ug/l	98
40) Benzene	8.00	78	718046	46.478	ug/l	99
41) Methacrylonitrile	7.12	41	89557	37.488	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	287164	46.221	ug/l	99
43) Isopropyl Acetate	8.13	43	427076	44.966	ug/l #	90
44) Trichloroethene	8.80	130	172180	45.950	ug/l	99
45) 1,2-Dichloropropane	9.08	63	201462	47.879	ug/l	99
46) Dibromomethane	9.17	93	127956	46.268	ug/l	98
47) Bromodichloromethane	9.37	83	274340	47.750	ug/l	100
48) Methyl methacrylate	9.17	41	212771	45.597	ug/l	98
49) 1,4-Dioxane	9.16	88	59391	886.905	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1239720	233.154	ug/l	100
52) Toluene	10.13	92	452308	48.695	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	300883	46.910	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	317863	46.983	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	175029	47.440	ug/l	98
56) Ethyl methacrylate	10.40	69	277700	48.214	ug/l	99
57) 1,3-Dichloropropane	10.68	76	312460	46.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	720234	238.375	ug/l	99
59) 2-Hexanone	10.72	43	906245	235.257	ug/l	100
60) Dibromochloromethane	10.87	129	200071	48.000	ug/l	100
61) 1,2-Dibromoethane	10.98	107	183209	47.797	ug/l	97
64) Tetrachloroethene	10.60	164	148634	46.507	ug/l	96
65) Chlorobenzene	11.41	112	468236	46.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	175798	48.136	ug/l	99
67) Ethyl Benzene	11.48	91	893266	47.609	ug/l	100
68) m/p-Xylenes	11.59	106	643044	95.058	ug/l	98
69) o-Xylene	11.92	106	312758	48.533	ug/l	100
70) Styrene	11.94	104	539579	49.930	ug/l	99
71) Bromoform	12.10	173	133358	49.016	ug/l #	99
73) Isopropylbenzene	12.23	105	849313	47.051	ug/l	100
74) N-amyl acetate	12.05	43	401228	46.956	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	258880	46.318	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	354768	63.630	ug/l #	100
77) Bromobenzene	12.50	156	197228	48.573	ug/l	97
78) n-propylbenzene	12.57	91	994245	47.290	ug/l	99
79) 2-Chlorotoluene	12.65	91	591668	46.947	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	721533	47.935	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	90453	44.478	ug/l	98
82) 4-Chlorotoluene	12.75	91	626354	47.037	ug/l	99
83) tert-Butylbenzene	12.97	119	594111	47.823	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	721021	47.423	ug/l	99
85) sec-Butylbenzene	13.15	105	789168	47.457	ug/l	99
86) p-Isopropyltoluene	13.26	119	697751	47.572	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	352202	46.799	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	355447	46.454	ug/l	100
89) n-Butylbenzene	13.59	91	629765	46.582	ug/l	99
90) Hexachloroethane	13.85	117	131286	47.008	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	348014	47.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	59102	44.407	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

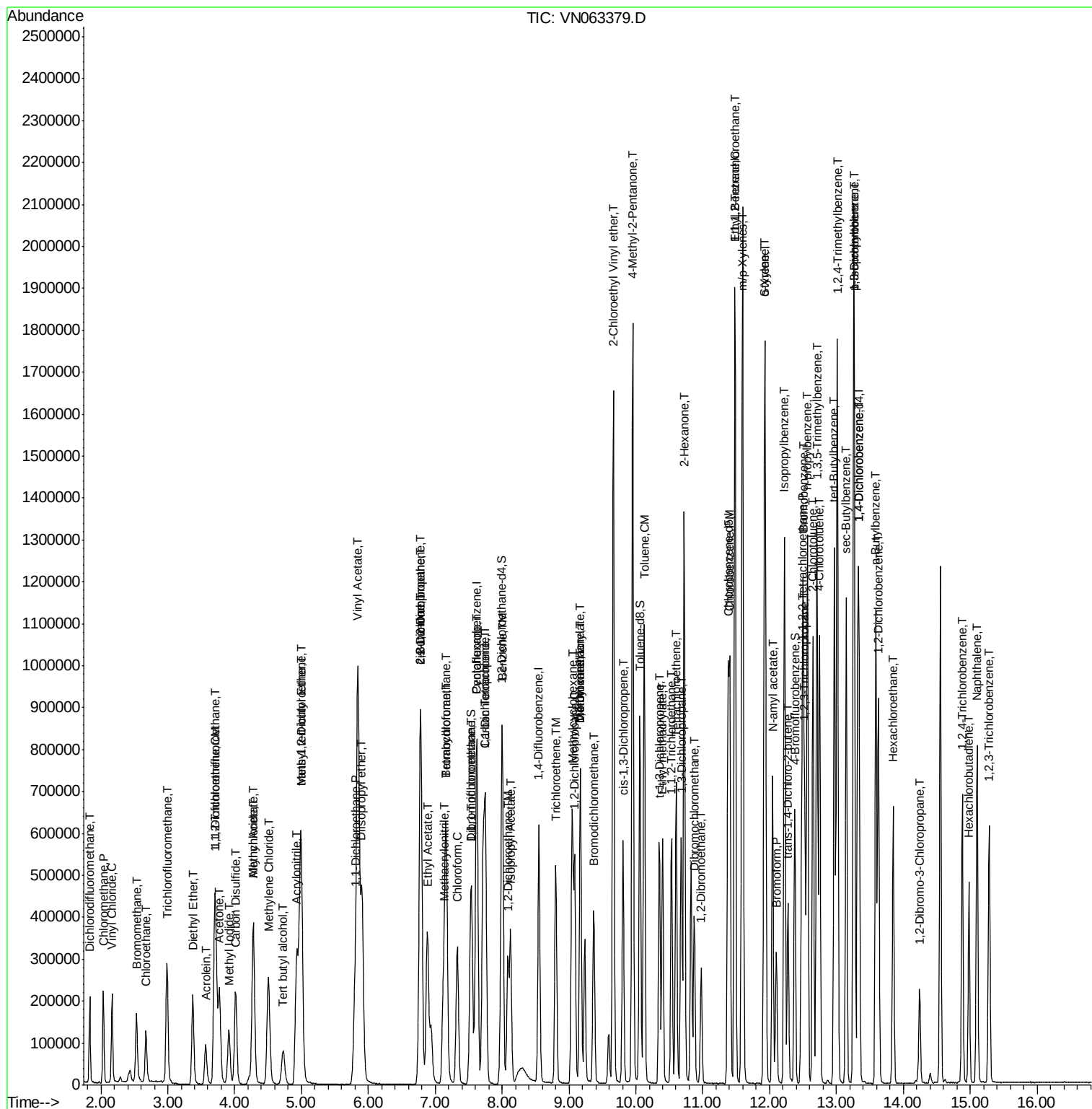
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	195110	44.792	ug/l	99
94) Hexachlorobutadiene	14.98	225	78948	43.779	ug/l	98
95) Naphthalene	15.10	128	646130	44.898	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	183479	43.594	ug/l	99

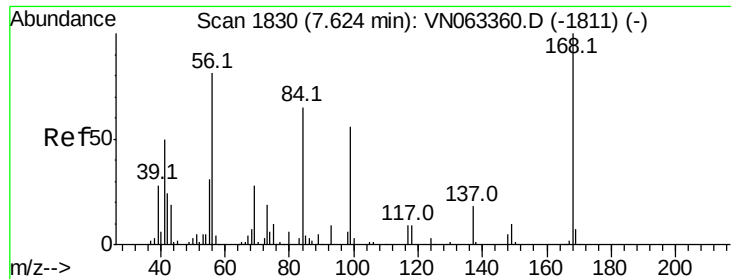
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091620\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

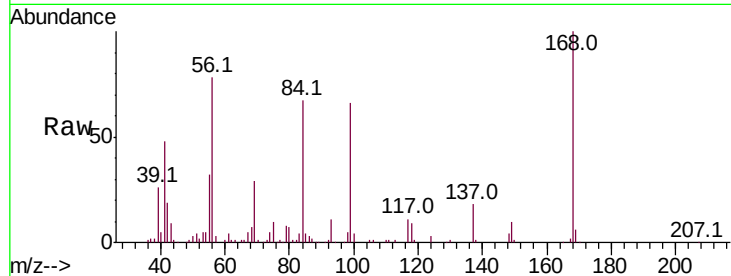
VSTDCCC050EC

Tot Ion:168 Resp: 284761

Ion Ratio Lower Upper

168 100

99 65.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

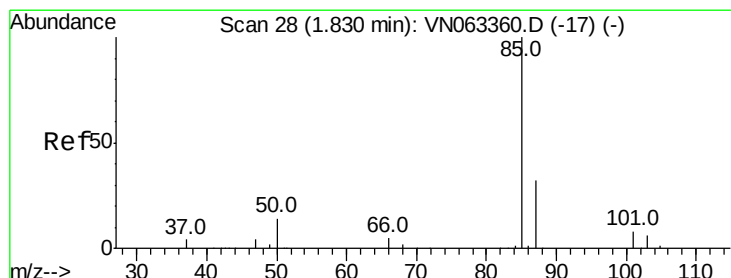
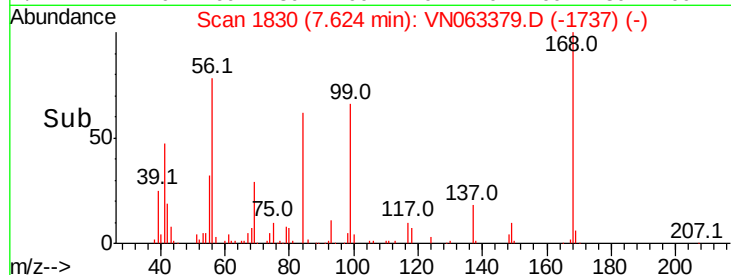
7.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.111 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063379.D

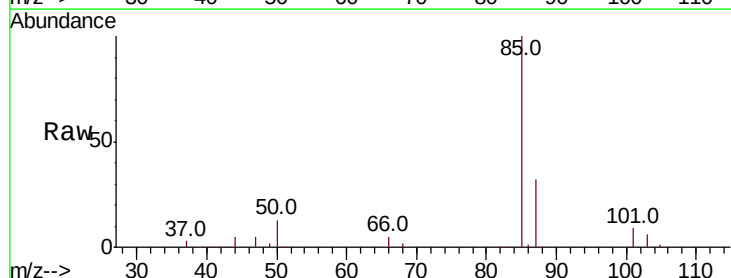
Acq: 16 Sep 2020 21:05

Tgt Ion: 85 Resp: 151983

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

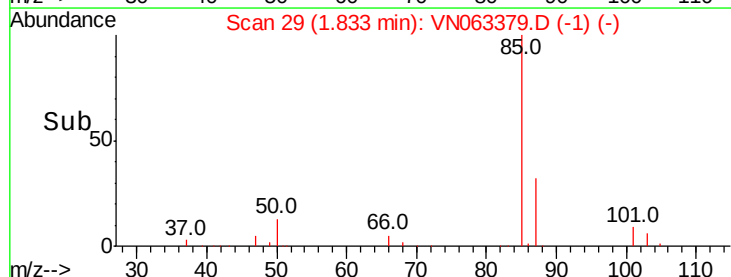
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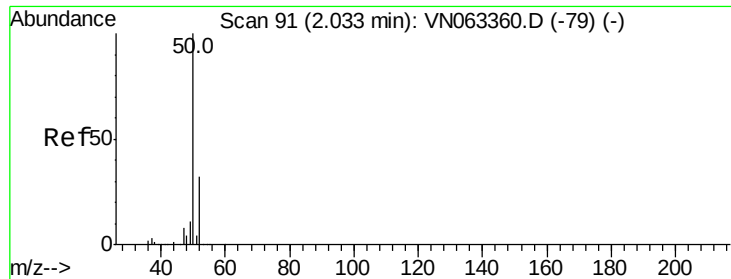
40000

20000

0

Time-->





#3

Chloromethane

Concen: 46.338 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

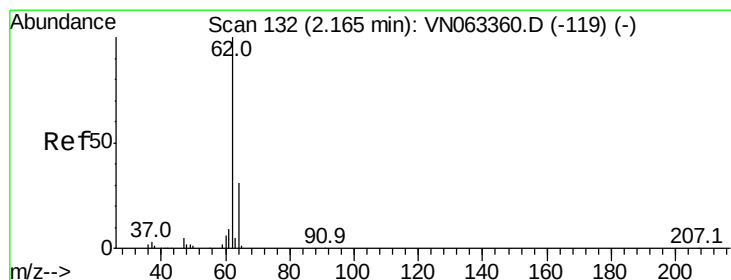
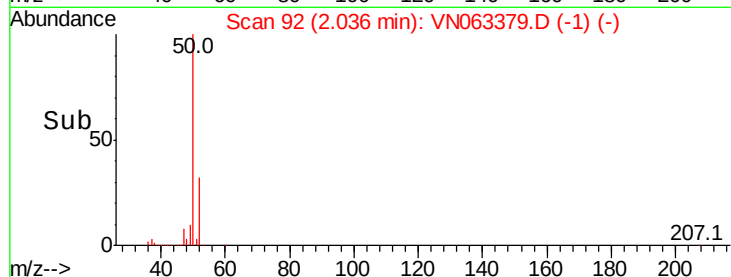
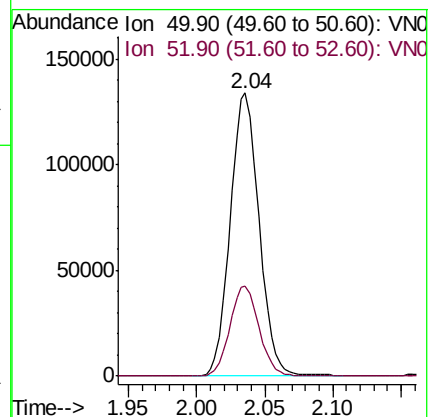
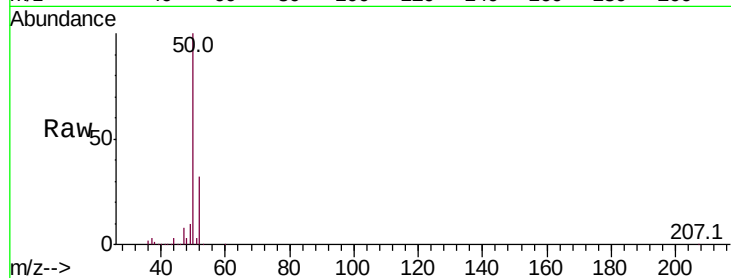
VSTDCCC050EC

Tot Ion: 50 Resp: 197761

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



#4

Vinyl Chloride

Concen: 49.097 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063379.D

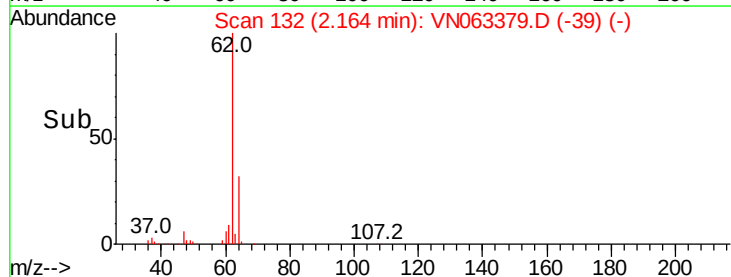
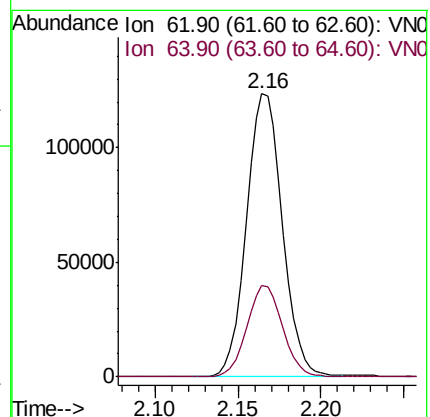
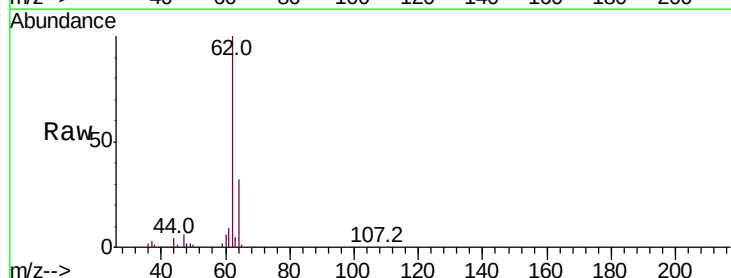
Acq: 16 Sep 2020 21:05

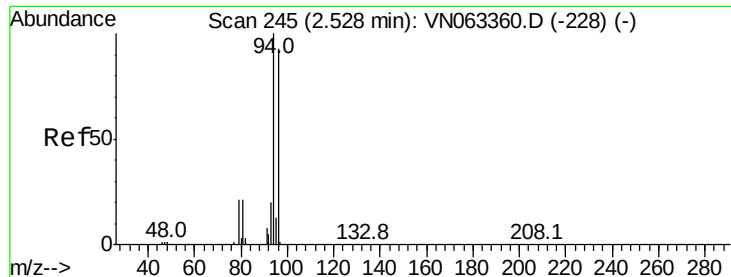
Tgt Ion: 62 Resp: 185643

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 49.493 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

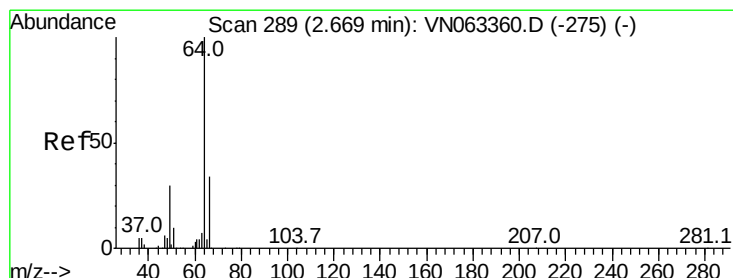
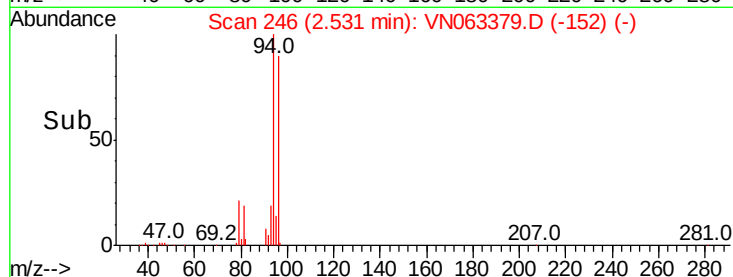
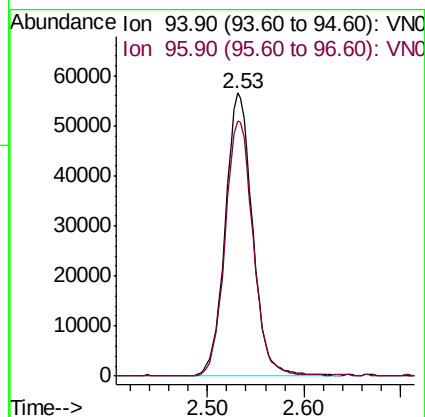
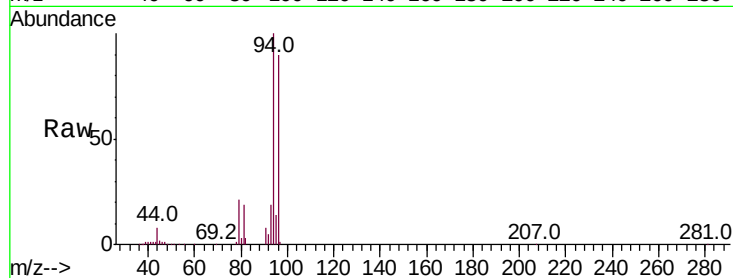
VSTDCCC050EC

Tot Ion: 94 Resp: 111113

Ion Ratio Lower Upper

94 100

96 90.0 74.5 111.7



#6

Chloroethane

Concen: 46.208 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063379.D

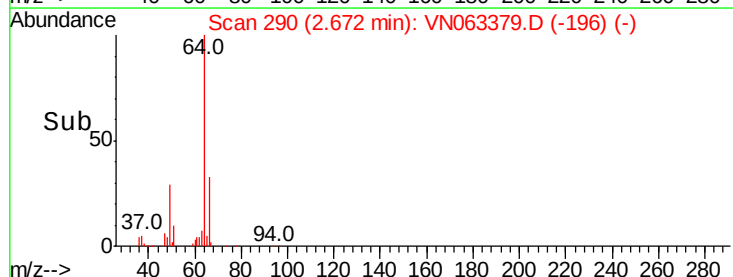
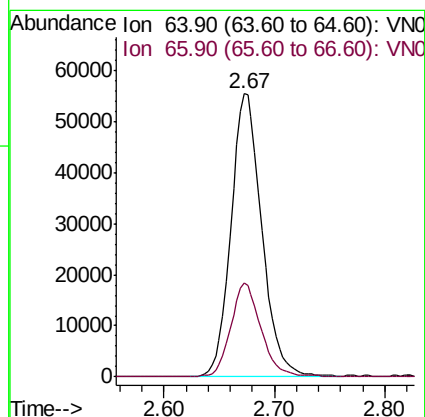
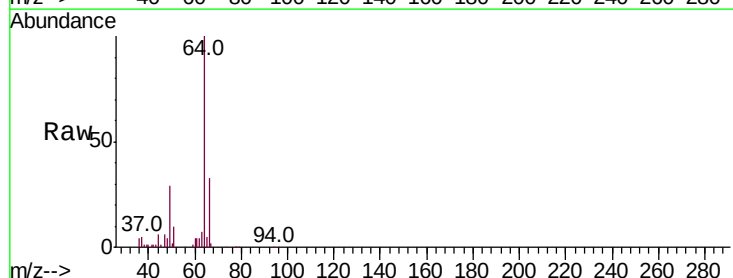
Acq: 16 Sep 2020 21:05

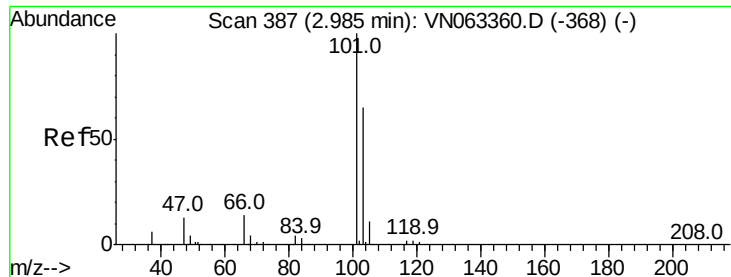
Tgt Ion: 64 Resp: 107251

Ion Ratio Lower Upper

64 100

66 33.0 26.9 40.3



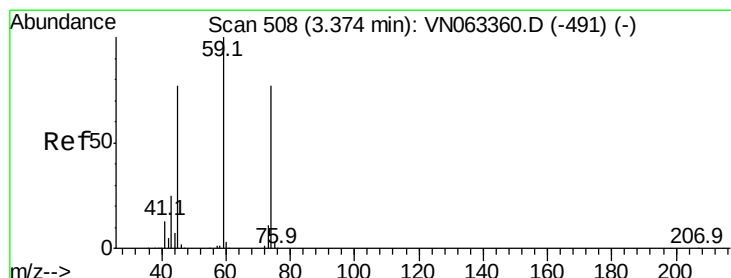
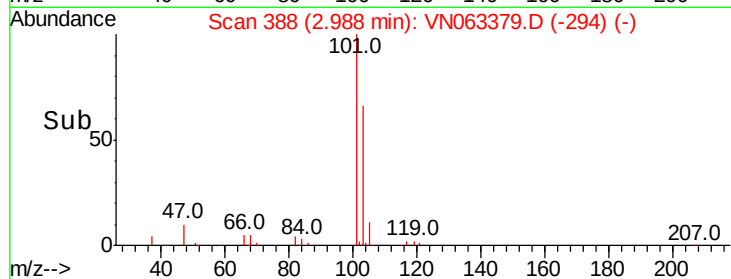
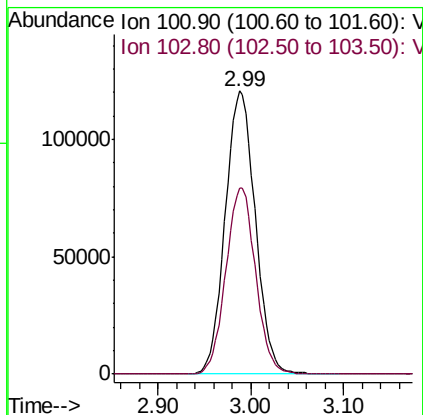
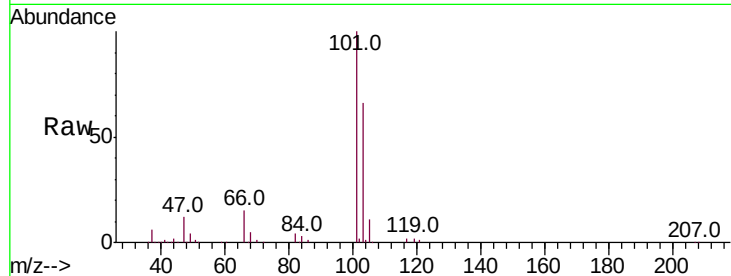


#7

Trichlorofluoromethane
 Concen: 48.099 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063379.D
 Acq: 16 Sep 2020 21:05

Instrument :
 MSVOA_N
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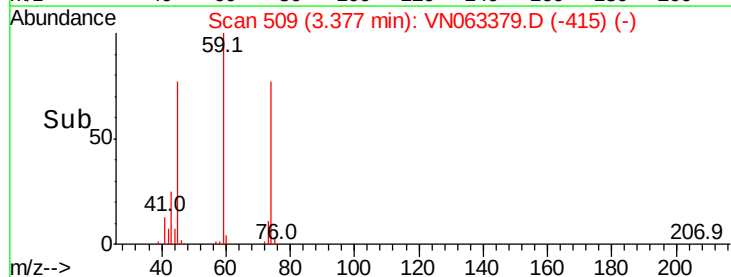
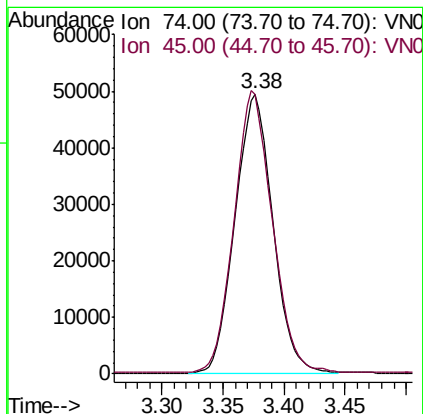
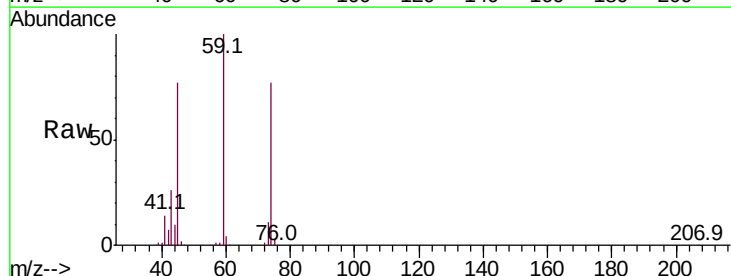
Tot Ion:101 Resp: 271345
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.3 78.5

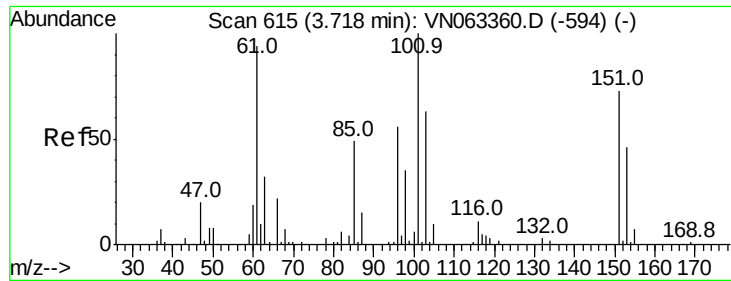


#8

Diethyl Ether
 Concen: 48.439 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063379.D
 Acq: 16 Sep 2020 21:05

Tgt Ion: 74 Resp: 106527
 Ion Ratio Lower Upper
 74 100
 45 101.0 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.009 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

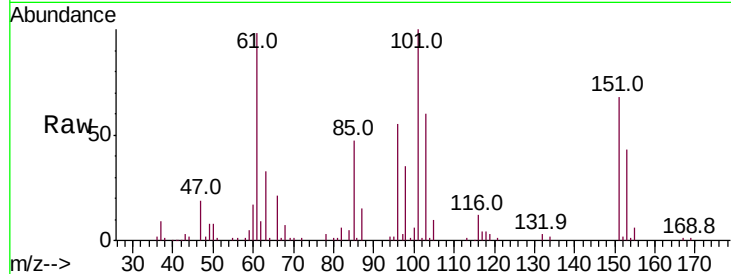
Tot Ion:101 Resp: 149143

Ion Ratio Lower Upper

101 100

85 48.4 37.7 56.5

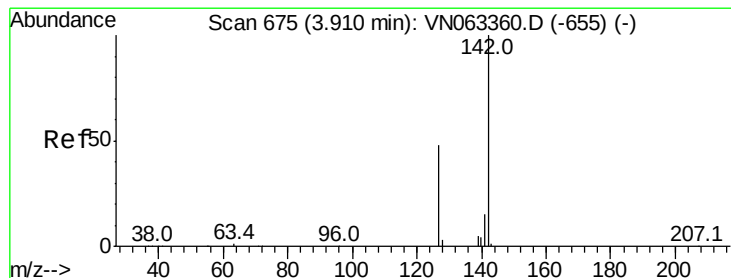
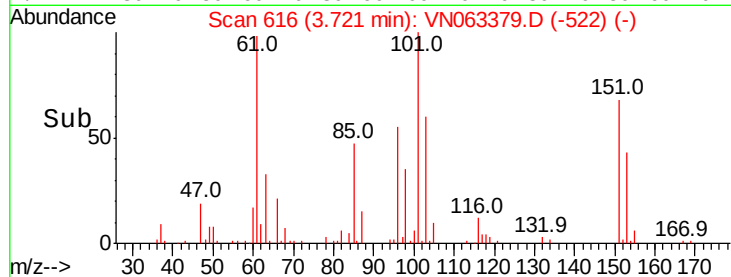
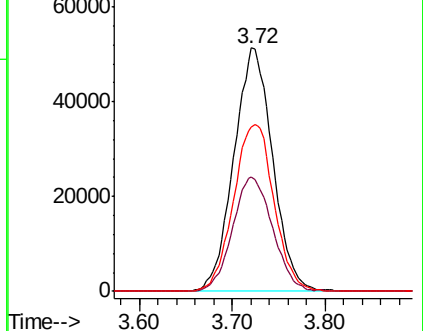
151 71.4 57.7 86.5



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: 47.969 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

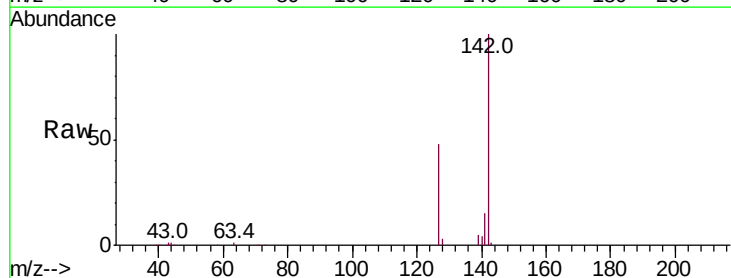
Tgt Ion:142 Resp: 198139

Ion Ratio Lower Upper

142 100

127 48.3 39.0 58.6

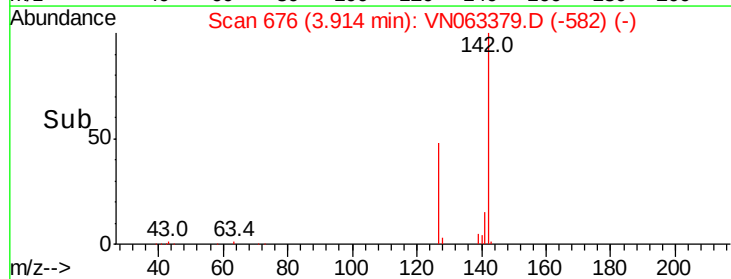
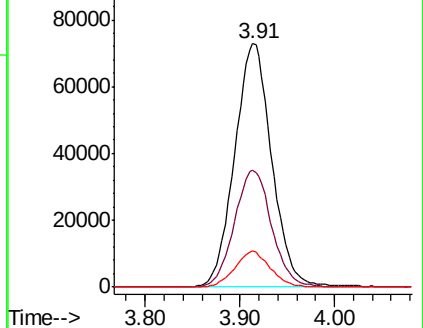
141 14.3 11.6 17.4

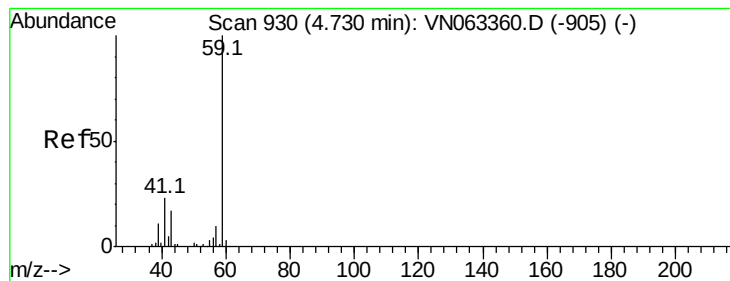


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 219.384 ug/l

RT: 4.73 min Scan# 929

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

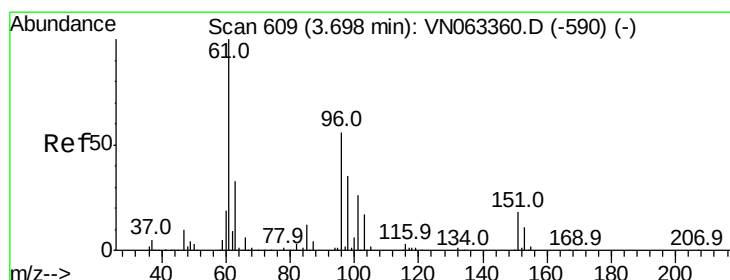
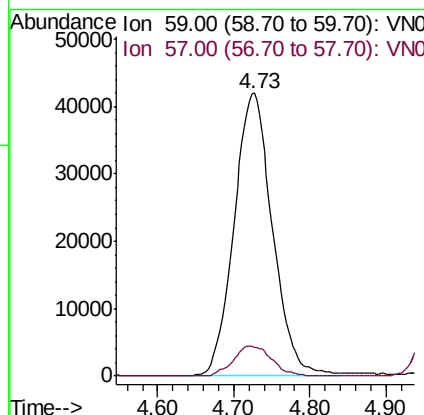
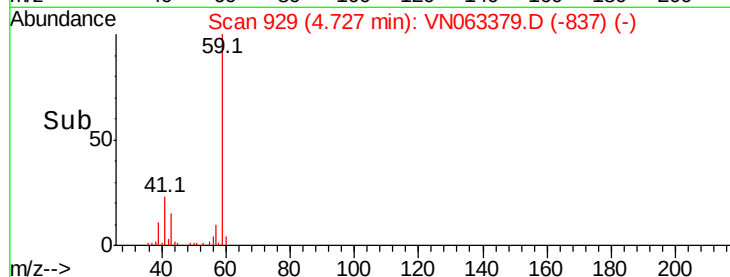
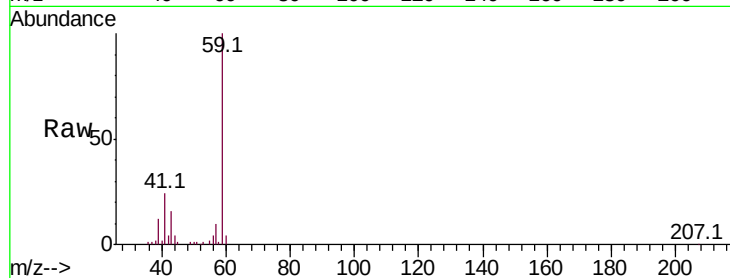
VSTDCCC050EC

Tot Ion: 59 Resp: 147324

Ion Ratio Lower Upper

59 100

57 10.8 8.4 12.6



#12

1,1-Dichloroethene

Concen: 47.176 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

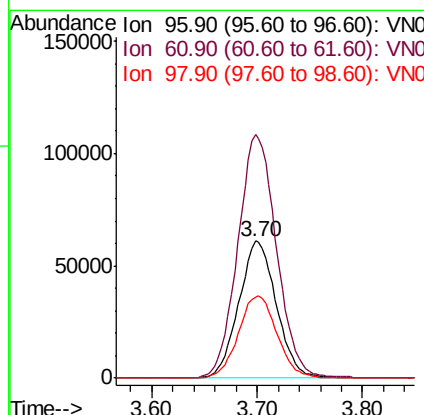
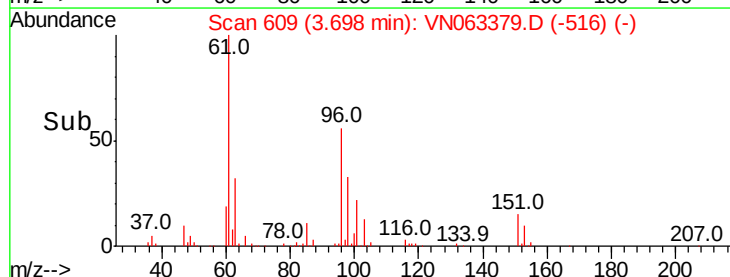
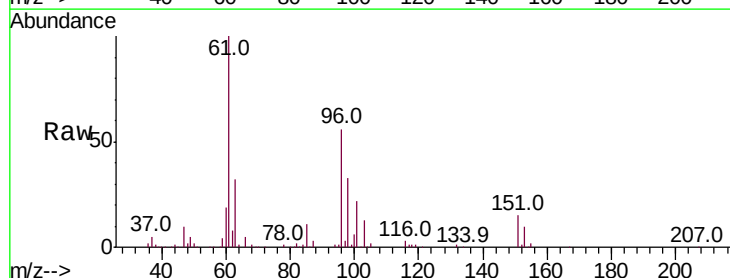
Tgt Ion: 96 Resp: 151599

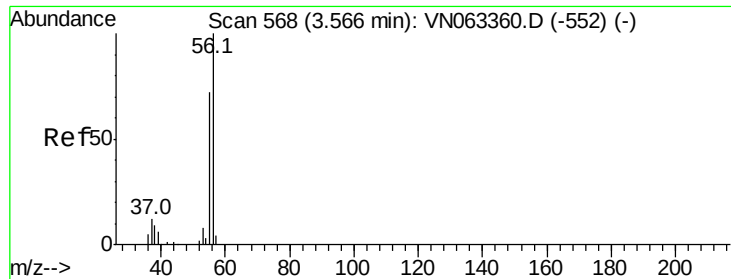
Ion Ratio Lower Upper

96 100

61 177.5 143.4 215.2

98 59.1 50.6 76.0





#13

Acrolein

Concen: 417.434 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

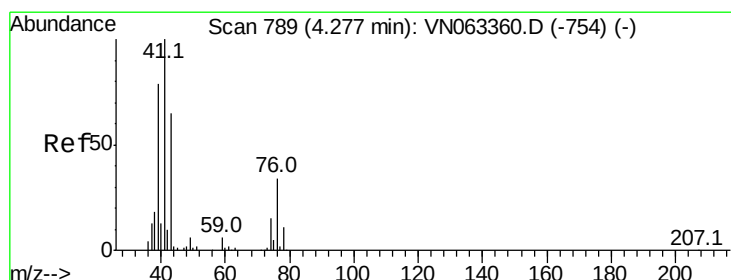
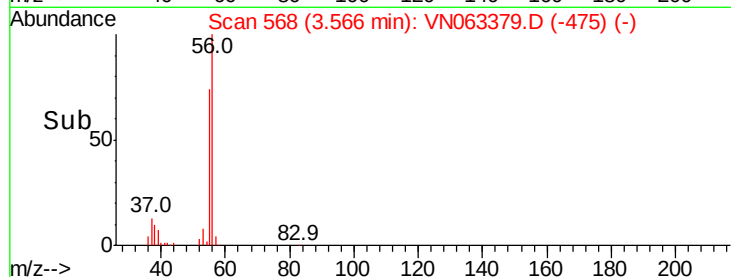
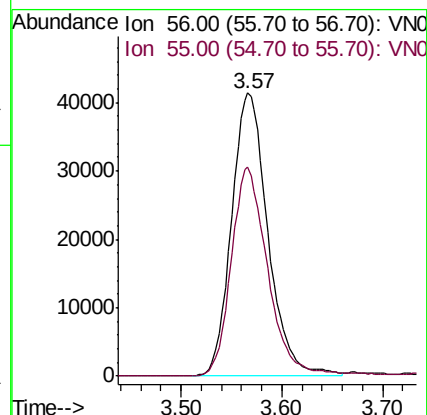
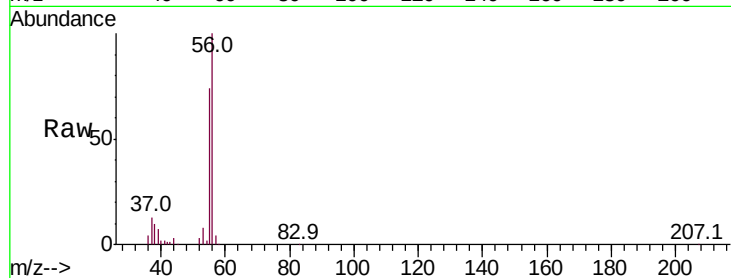
VSTDCCC050EC

Tot Ion: 56 Resp: 103883

Ion Ratio Lower Upper

56 100

55 73.7 58.2 87.2



#14

Allyl chloride

Concen: 47.574 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

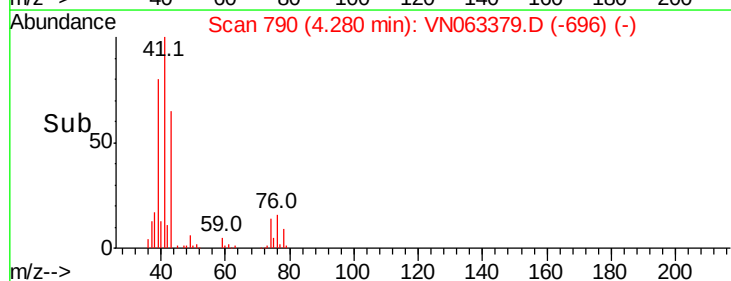
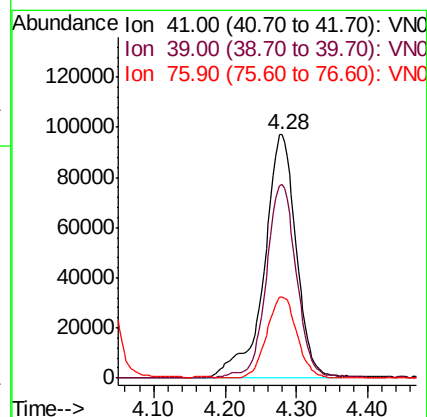
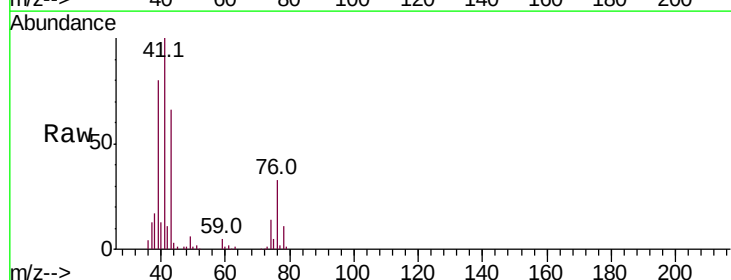
Tgt Ion: 41 Resp: 302402

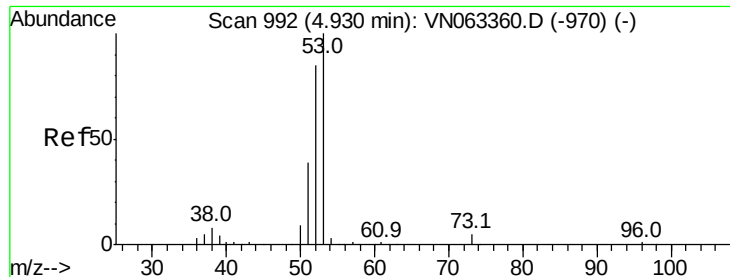
Ion Ratio Lower Upper

41 100

39 71.8 59.3 88.9

76 30.7 25.3 37.9





#15

Acrylonitrile

Concen: 237.371 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

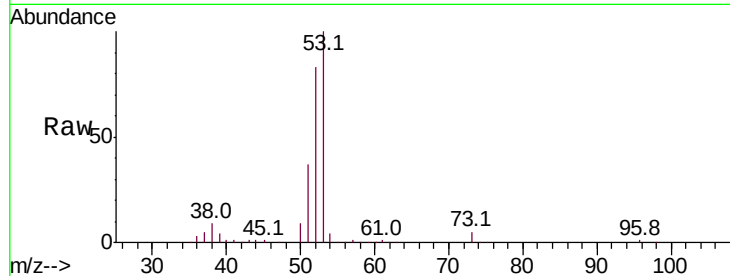
Tot Ion: 53 Resp: 405468

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

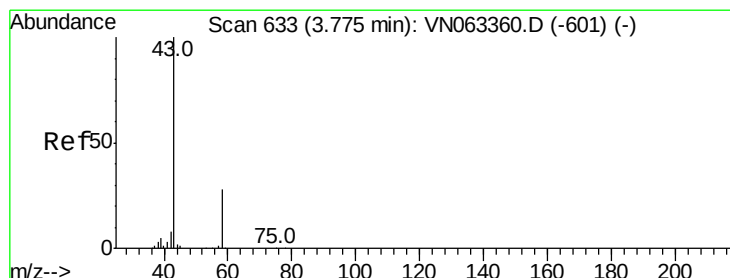
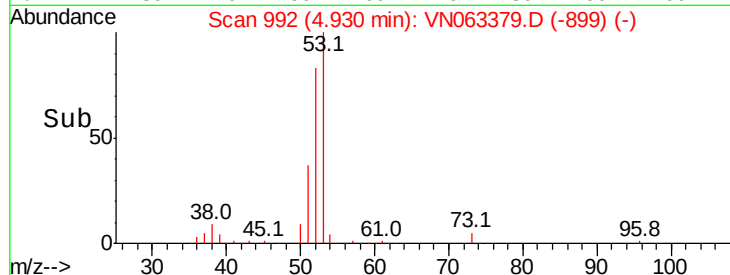
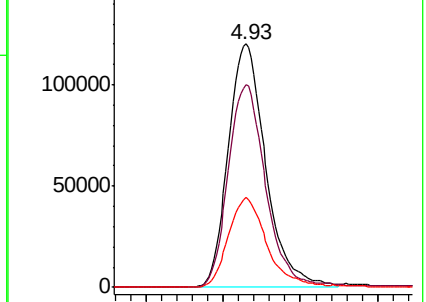
51 37.7 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)



#16

Acetone

Concen: 228.153 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063379.D

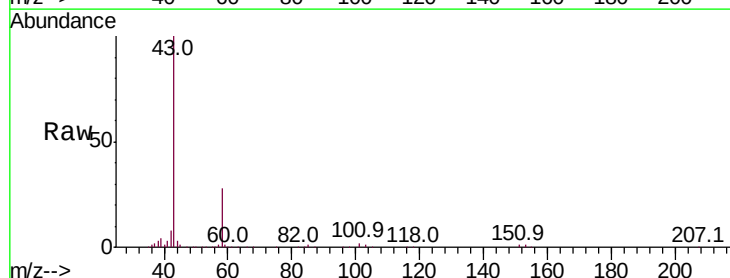
Acq: 16 Sep 2020 21:05

Tgt Ion: 43 Resp: 355432

Ion Ratio Lower Upper

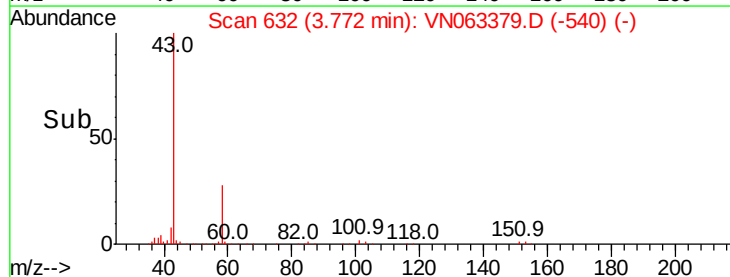
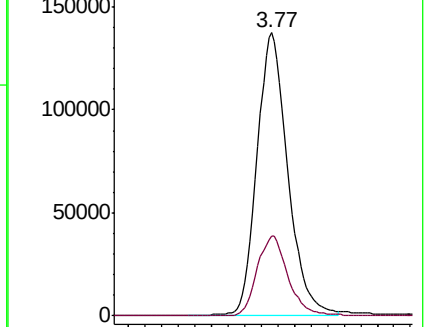
43 100

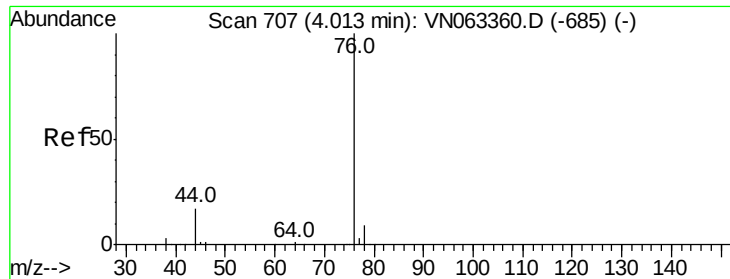
58 28.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

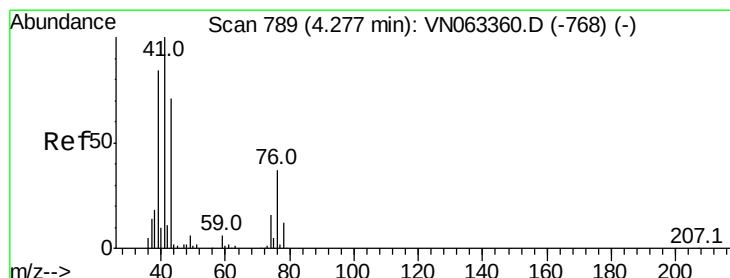
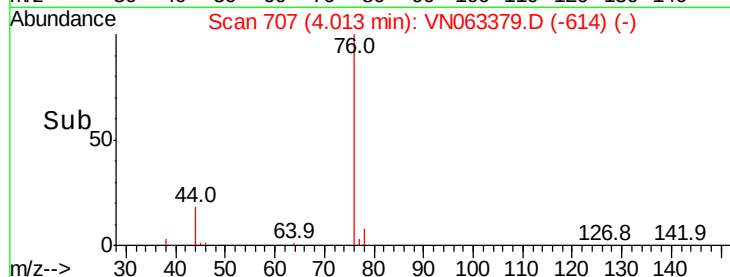
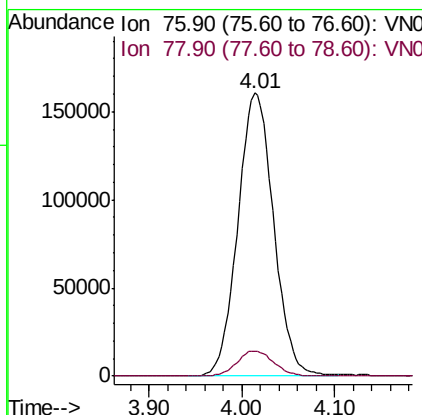
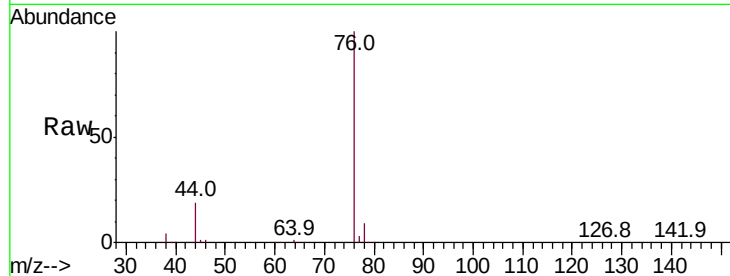




#17
Carbon Disulfide
Concen: 45.968 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

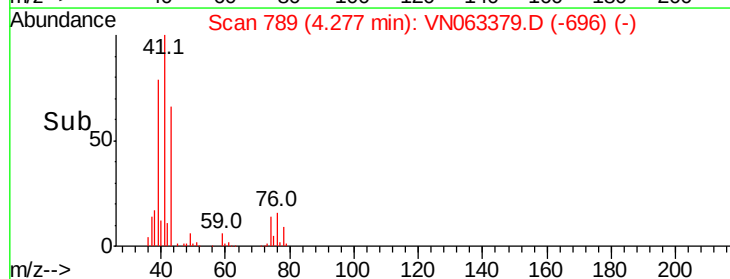
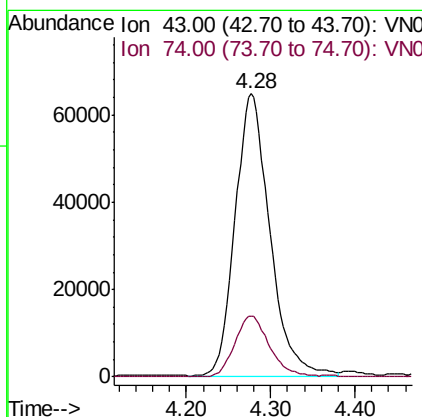
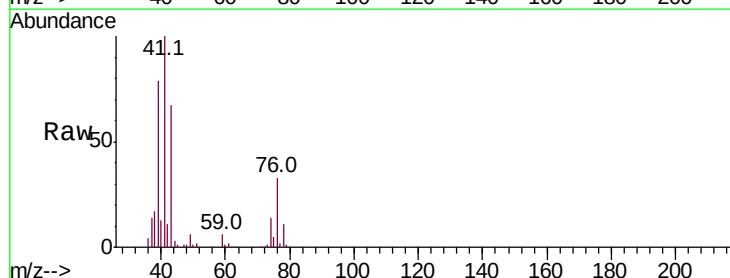
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

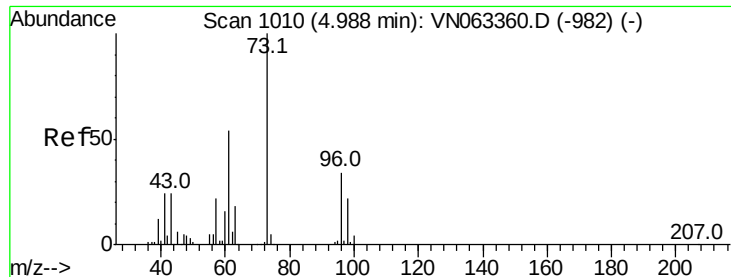
Tot Ion: 76 Resp: 429671
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 46.846 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion: 43 Resp: 185270
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.2

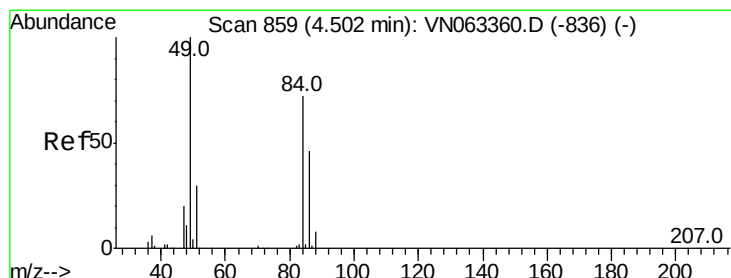
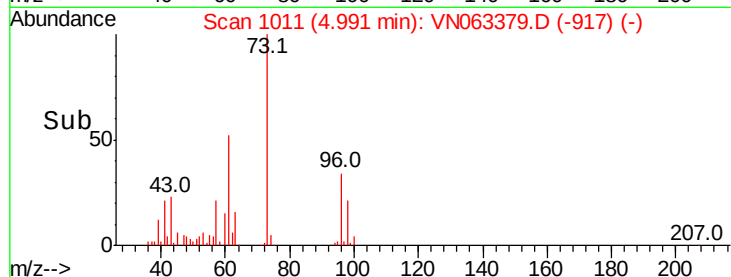
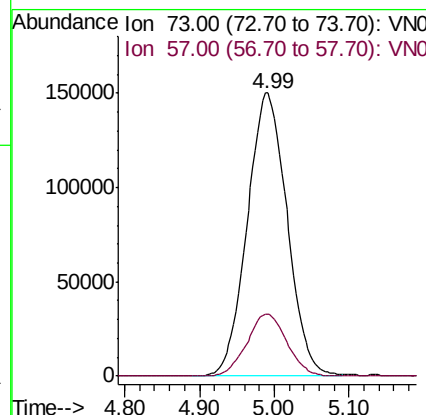
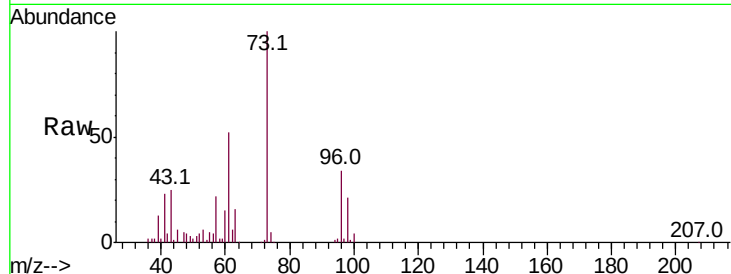




#19
Methvl tert-butvl Ether
Concen: 46.489 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

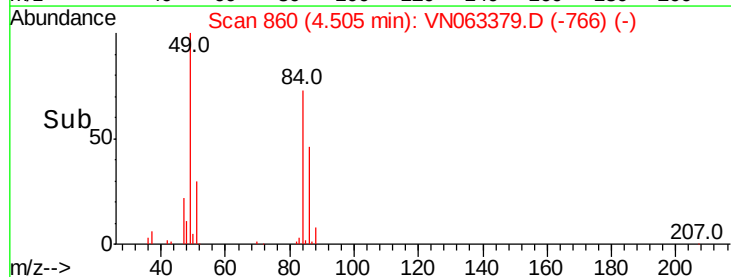
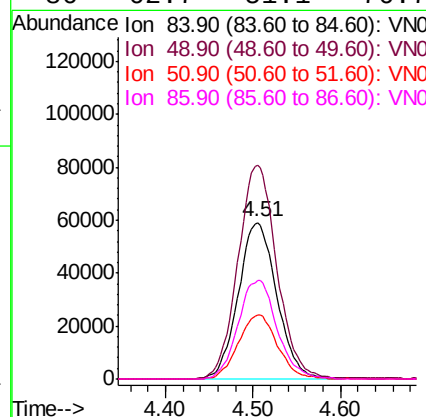
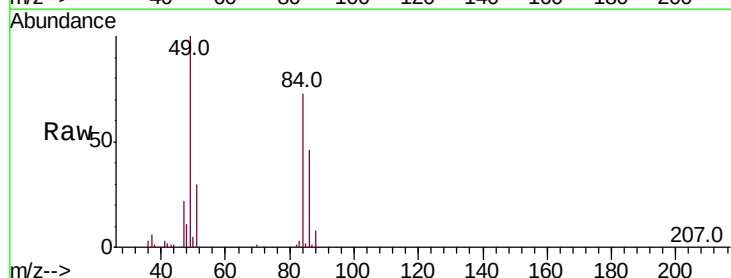
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

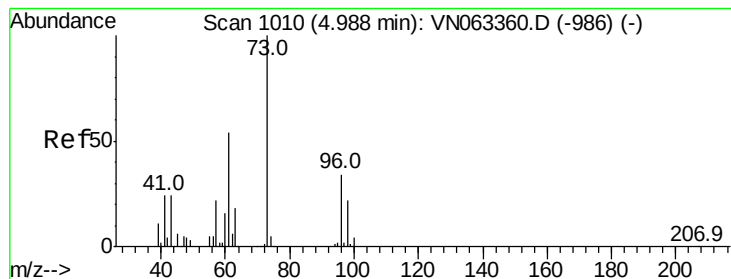
Tot Ion: 73 Resp: 556794
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9



#20
Methylene Chloride
Concen: 45.833 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion: 84 Resp: 180905
Ion Ratio Lower Upper
84 100
49 136.3 110.7 166.1
51 41.0 32.9 49.3
86 62.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.239 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

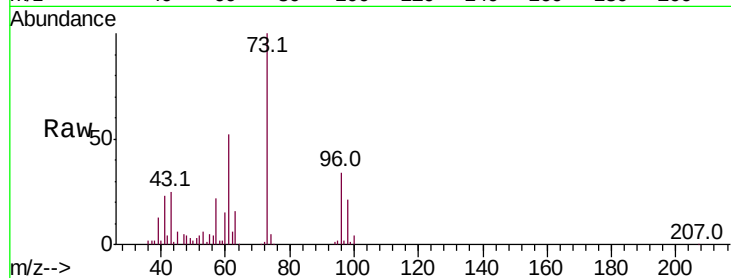
Tot Ion: 96 Resp: 164624

Ion Ratio Lower Upper

96 100

61 153.8 126.2 189.4

98 63.2 51.0 76.4

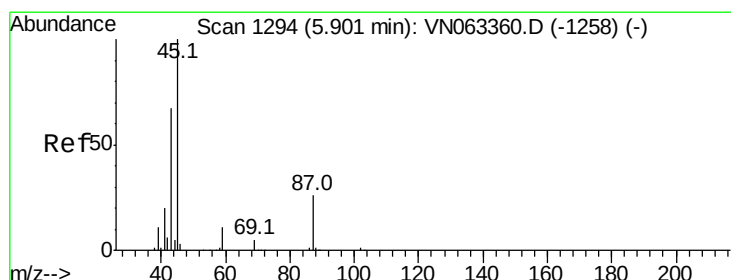
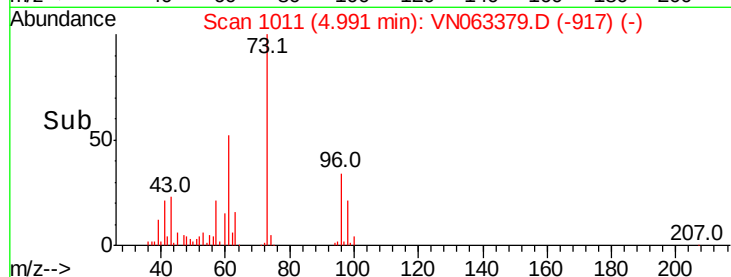
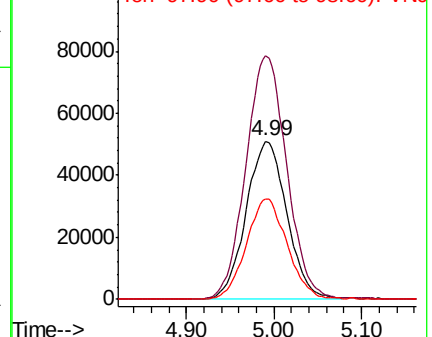


Abundance

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



#22

Diisopropyl ether

Concen: 47.462 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Tgt Ion: 45 Resp: 615277

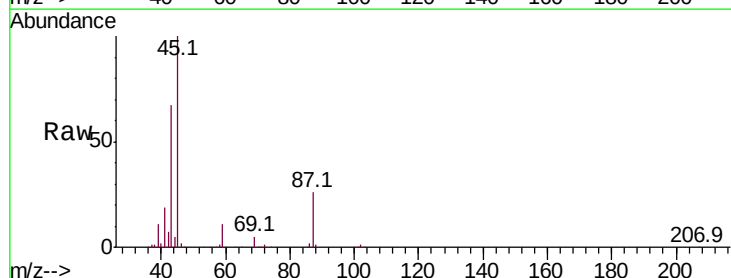
Ion Ratio Lower Upper

45 100

43 66.0 53.5 80.3

87 26.2 21.2 31.8

59 10.6 8.8 13.2



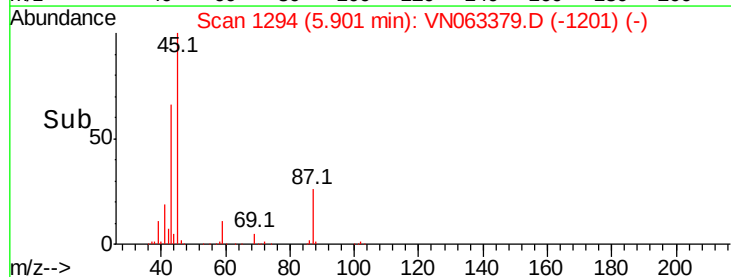
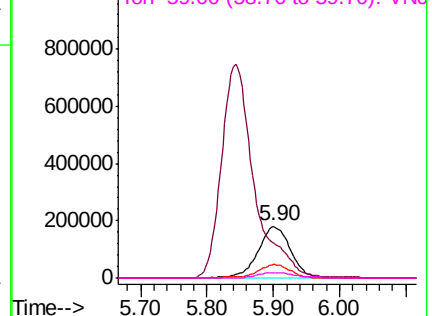
Abundance

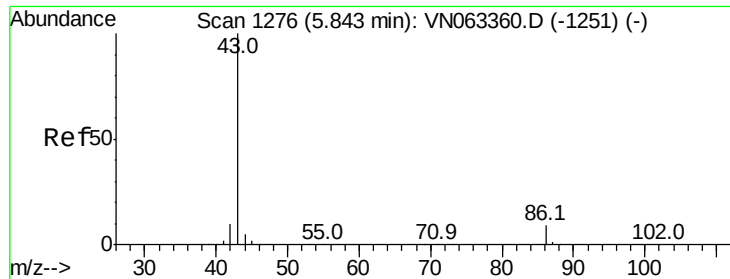
Ion 45.00 (44.70 to 45.70): VN0

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: 242.655 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

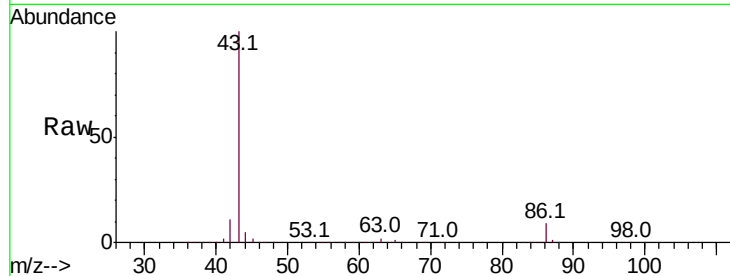
VSTDCCC050EC

Tot Ion: 43 Resp: 2583462

Ion Ratio Lower Upper

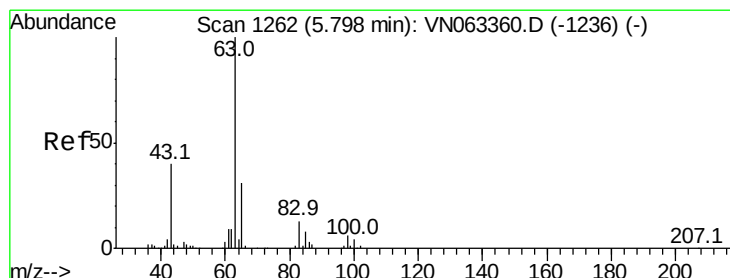
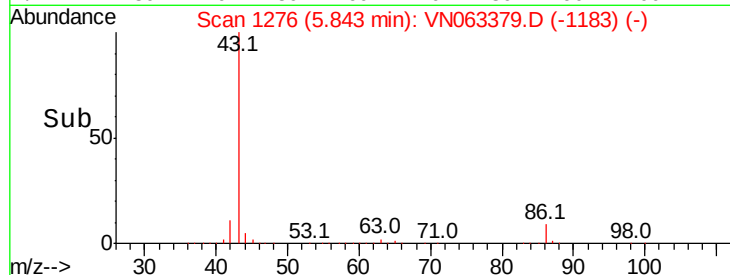
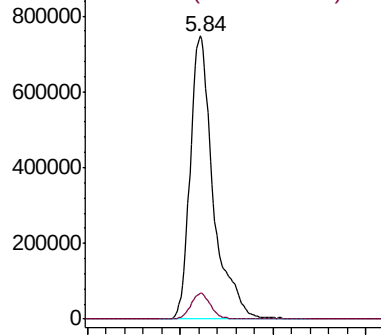
43 100

86 9.0 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.685 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

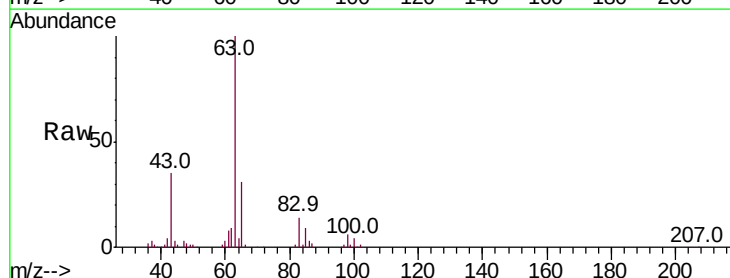
Tgt Ion: 63 Resp: 337497

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

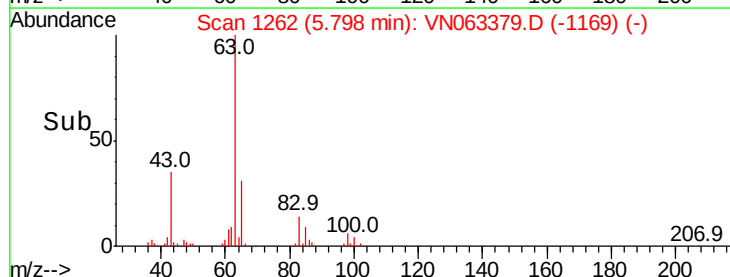
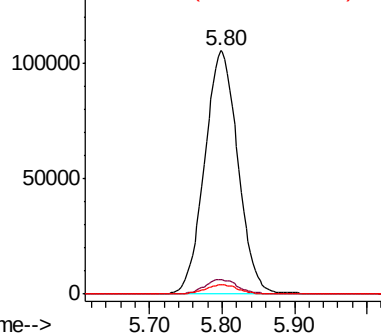
100 4.0 2.1 6.3

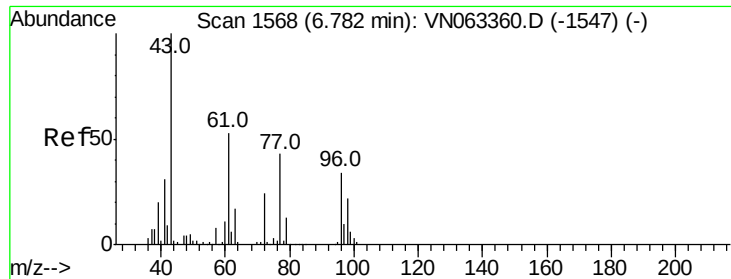


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

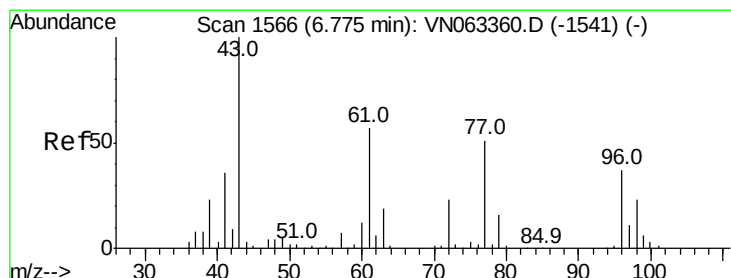
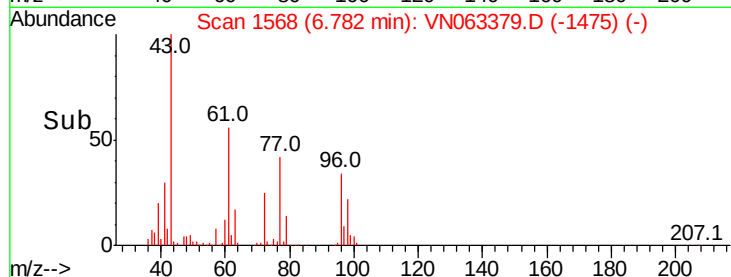
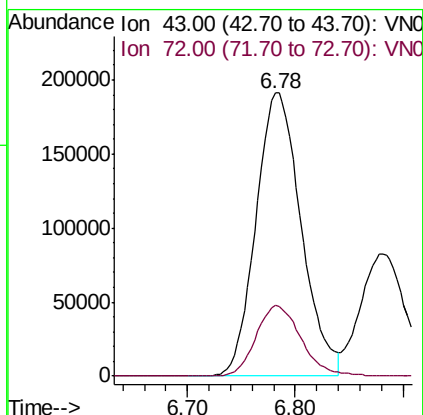
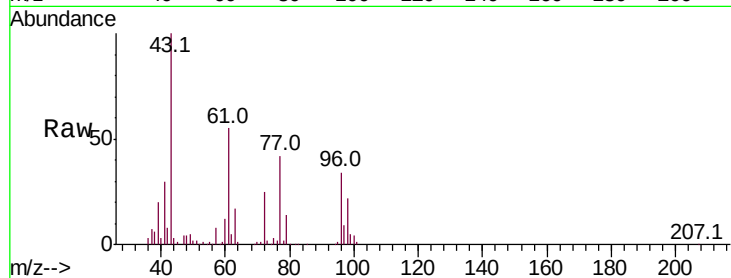




#25
2-Butanone
Concen: 231.002 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

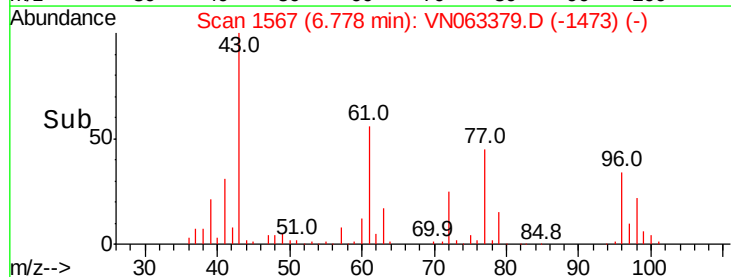
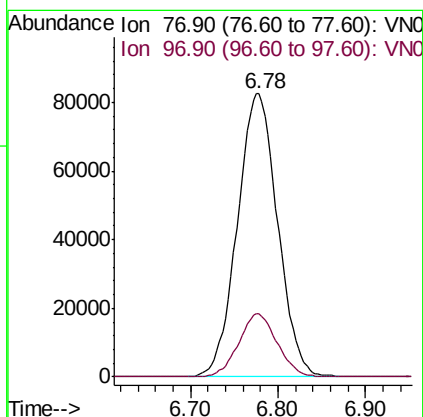
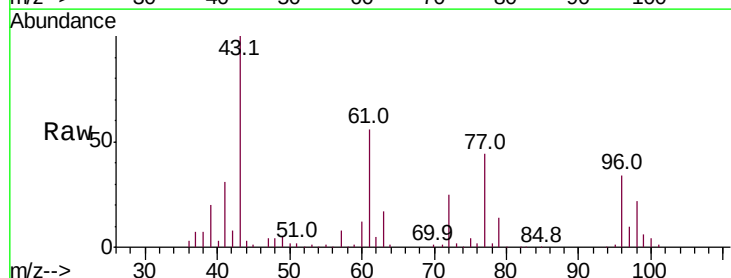
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

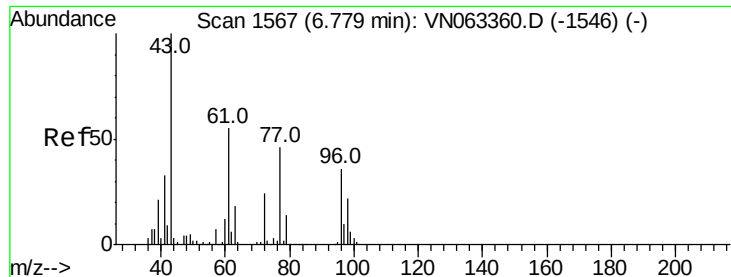
Tot Ion: 43 Resp: 553474
Ion Ratio Lower Upper
43 100
72 25.2 19.2 28.8



#26
2,2-Dichloropropane
Concen: 42.223 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion: 77 Resp: 263108
Ion Ratio Lower Upper
77 100
97 21.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 47.845 ug/l

RT: 6.78 min Scan# 1568

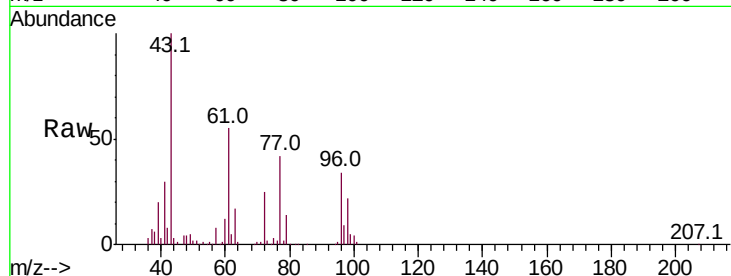
Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

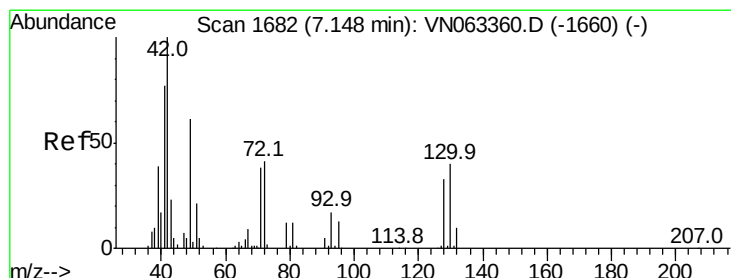
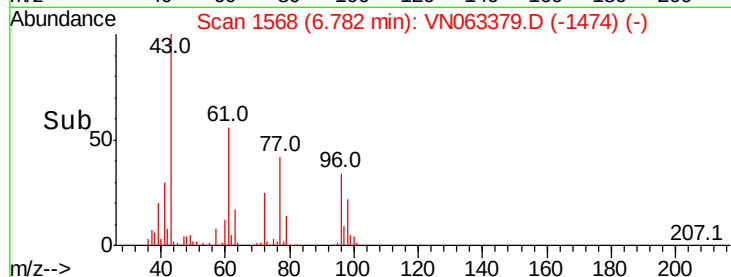
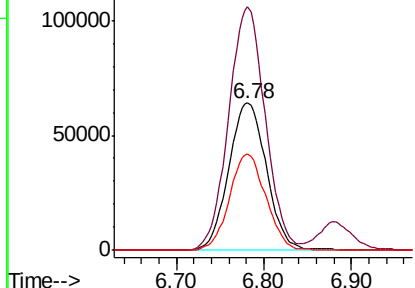
Tot Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	319.6
98	63.3	0.0	127.8



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: 46.006 ug/l

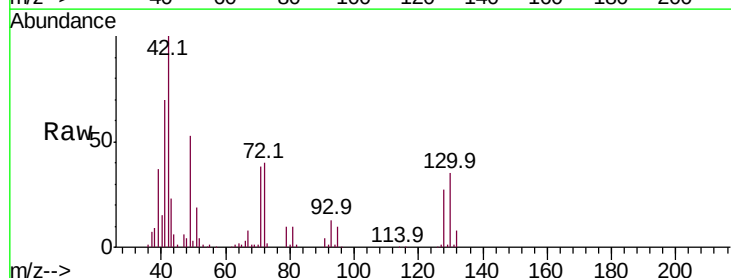
RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

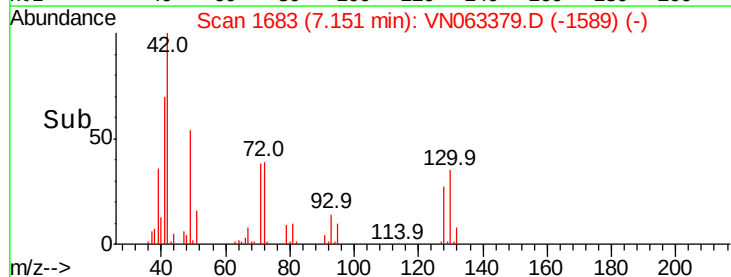
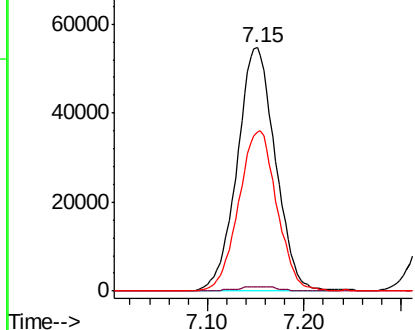
Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	65.8	52.2	78.2

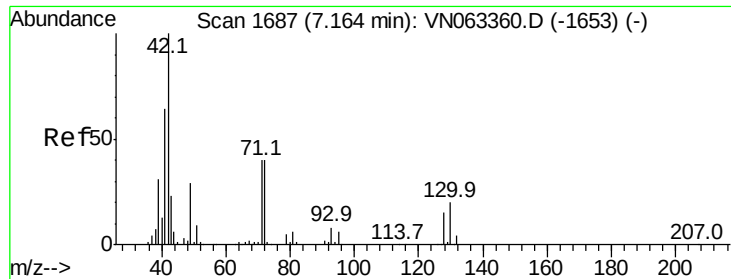


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

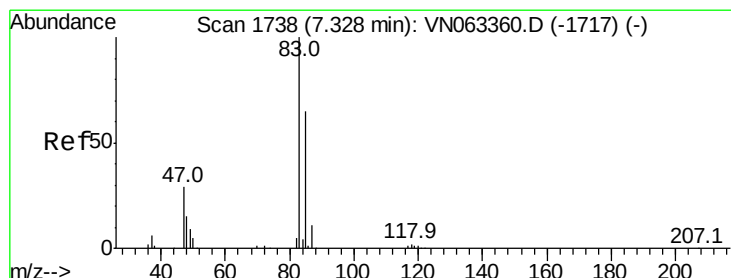
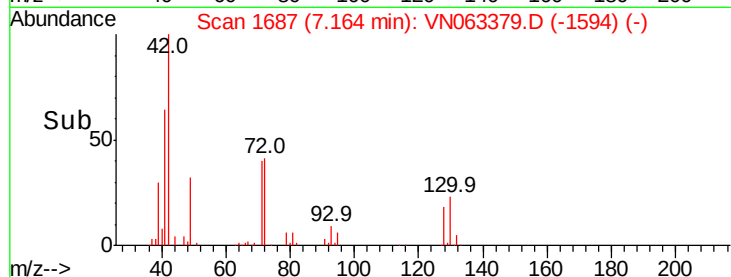
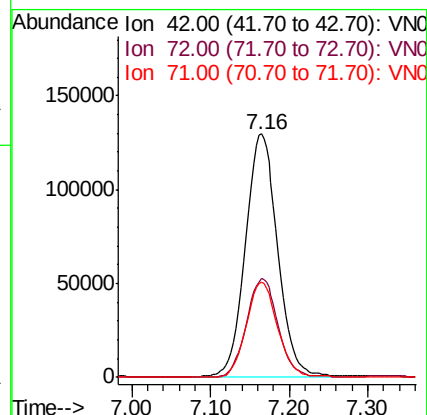
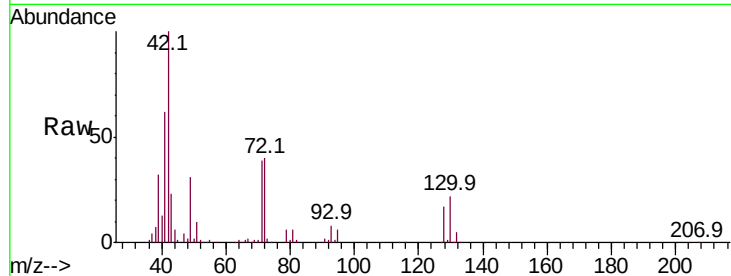




#29
Tetrahydrofuran
Concen: 229.130 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

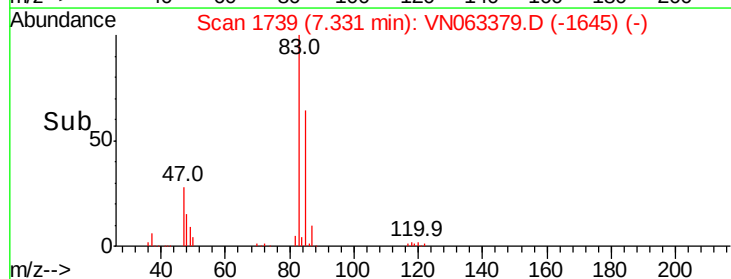
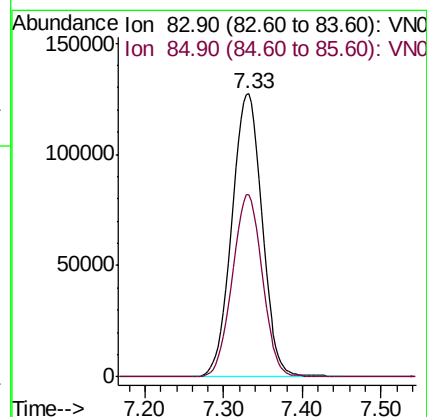
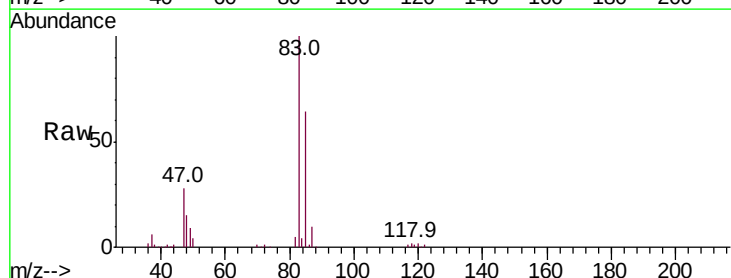
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

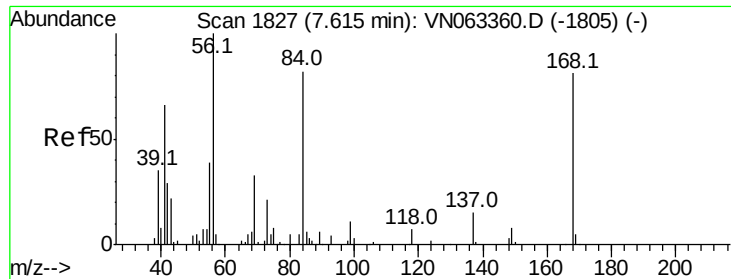
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.1	48.1
71	37.9	31.2	46.8



#30
Chloroform
Concen: 47.829 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.1	78.1

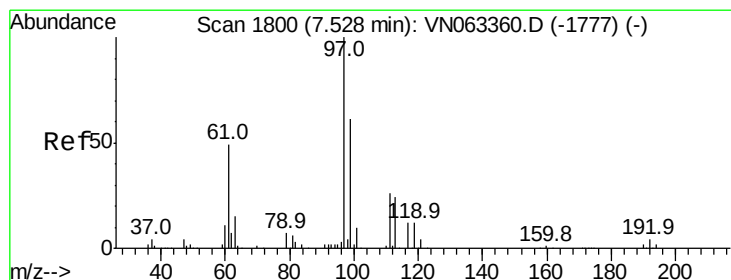
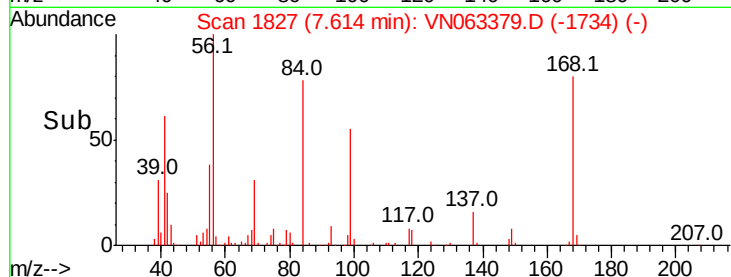
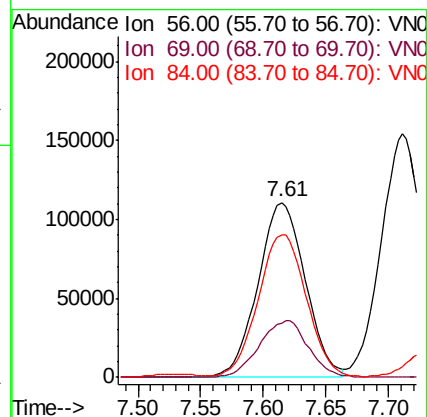
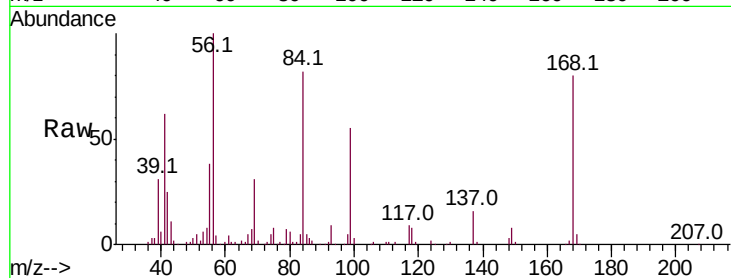




#31
Cyclohexane
Concen: 43.335 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

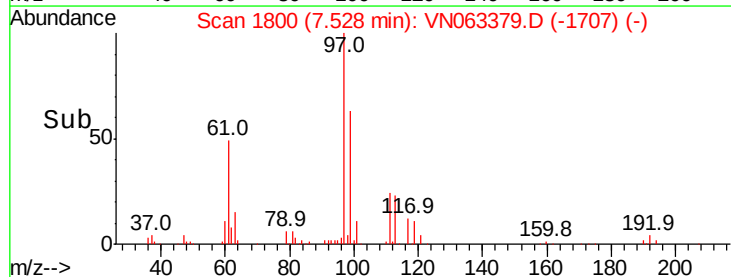
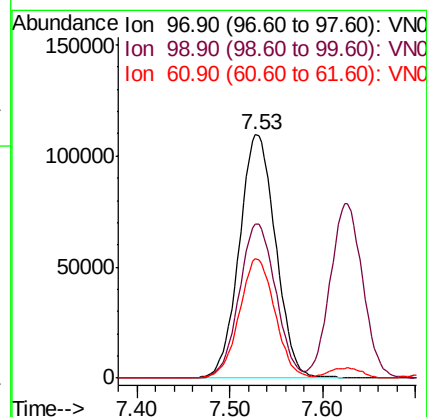
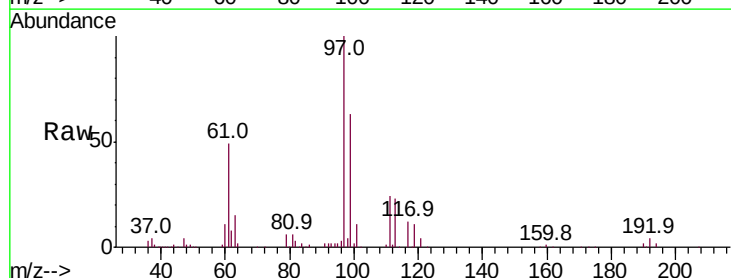
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

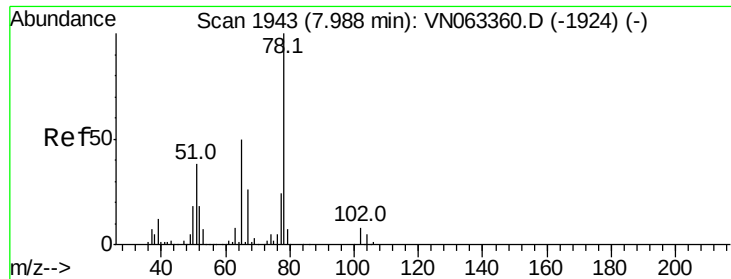
Tot Ion: 56 Resp: 290116
Ion Ratio Lower Upper
56 100
69 31.4 26.1 39.1
84 80.4 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 47.183 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion: 97 Resp: 297995
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 48.2 39.2 58.8

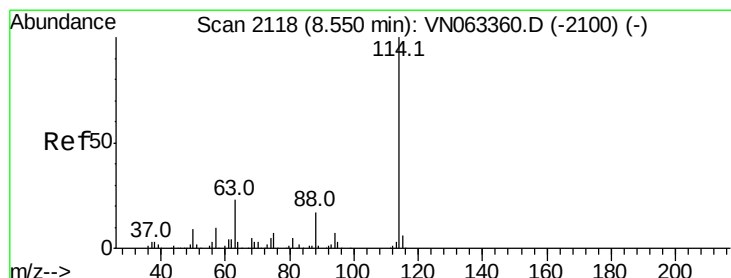
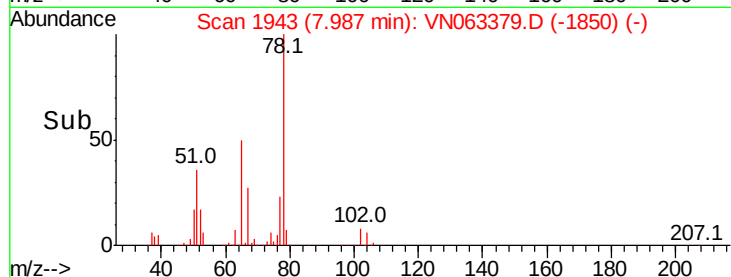
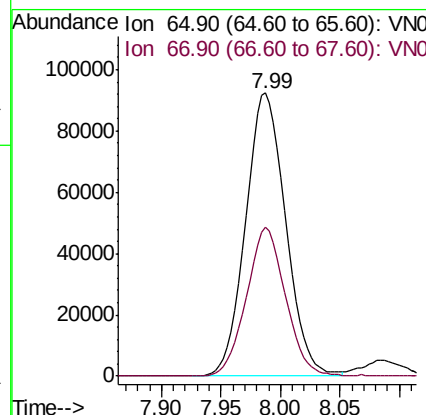
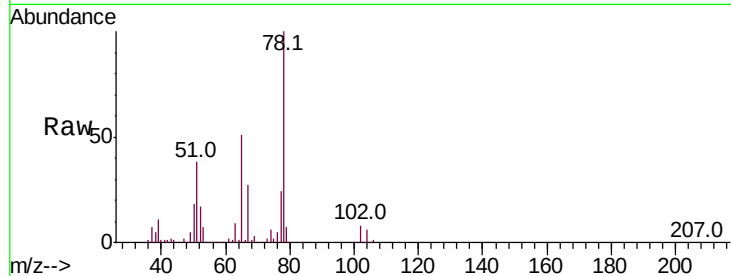




#33
 1,2-Dichloroethane-d4
 Concen: 44.523 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063379.D
 Acq: 16 Sep 2020 21:05

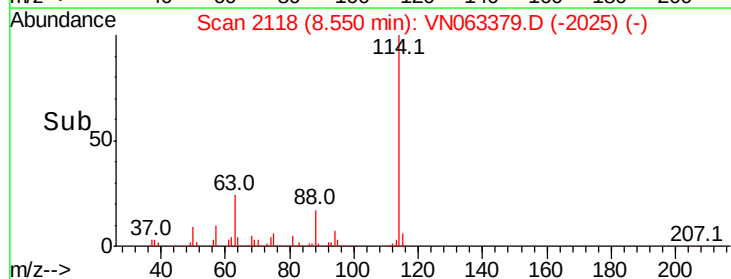
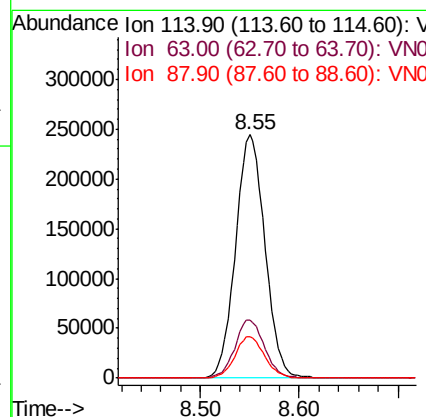
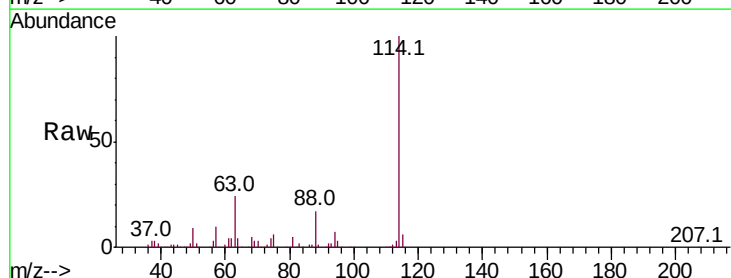
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

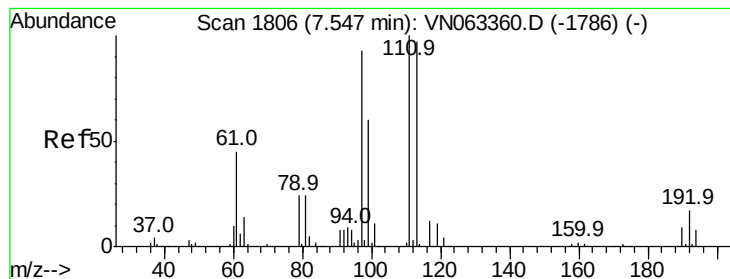
Tot Ion: 65 Resp: 215821
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063379.D
 Acq: 16 Sep 2020 21:05

Tgt Ion: 114 Resp: 507997
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.4
 88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.374 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

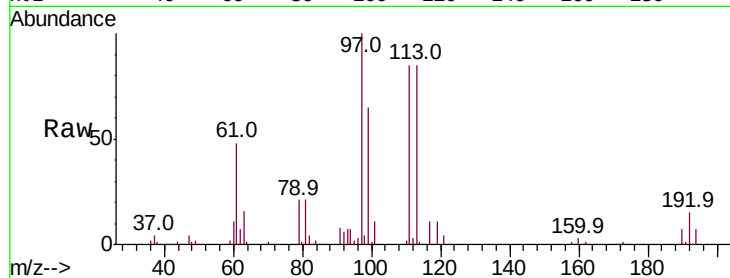
Tot Ion:113 Resp: 152536

Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

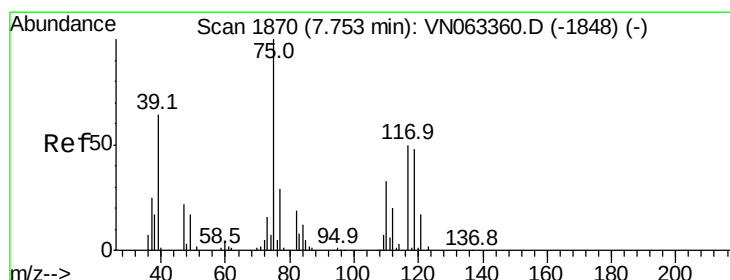
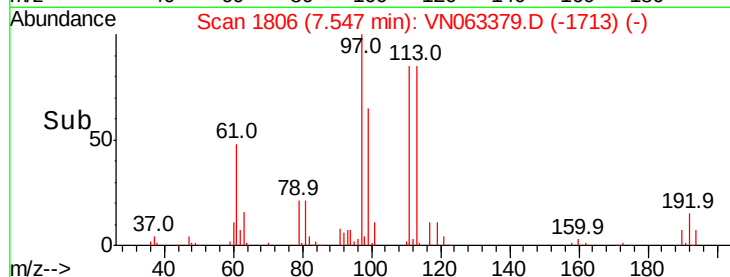
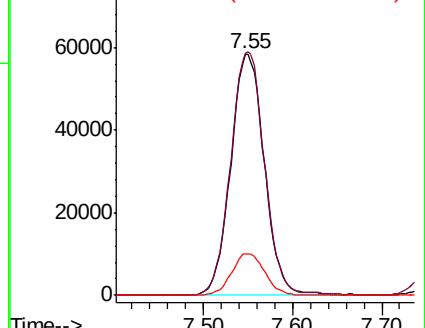
192 17.0 13.9 20.9



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: 45.831 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

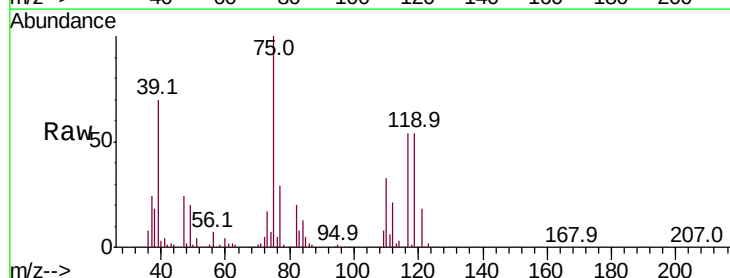
Tgt Ion: 75 Resp: 248036

Ion Ratio Lower Upper

75 100

110 32.9 16.5 49.5

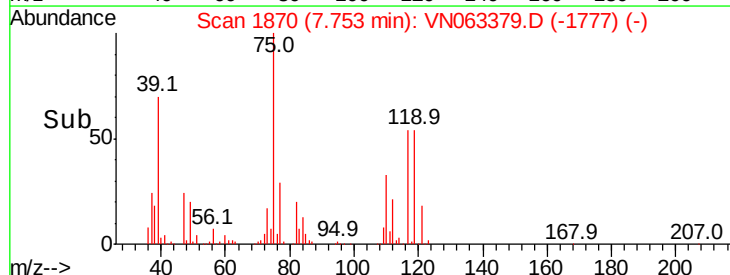
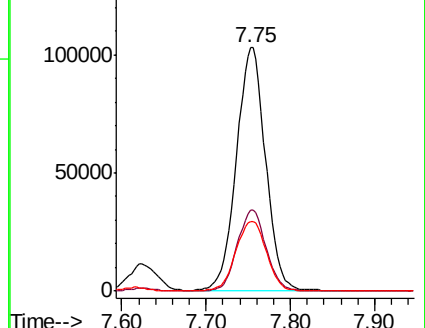
77 30.3 24.6 36.8

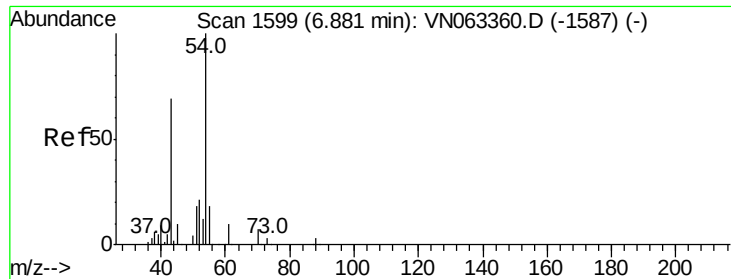


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

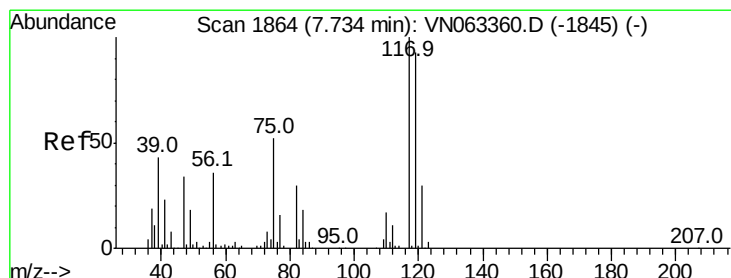
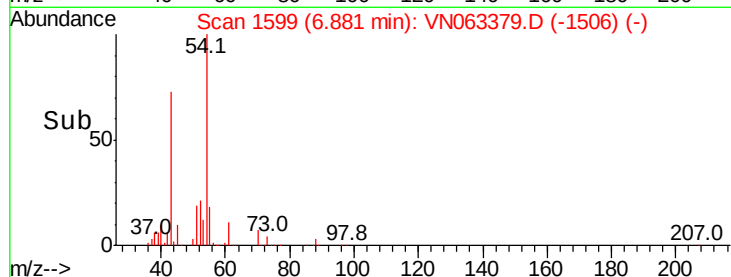
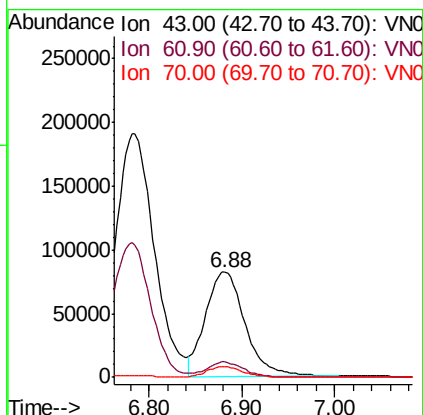
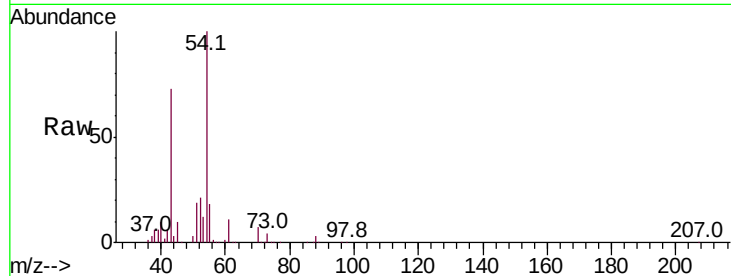




#37
Ethyl Acetate
Concen: 45.921 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

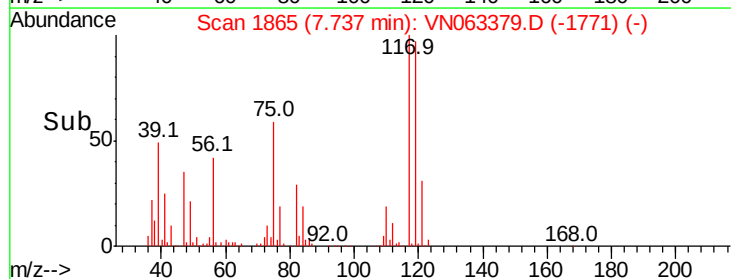
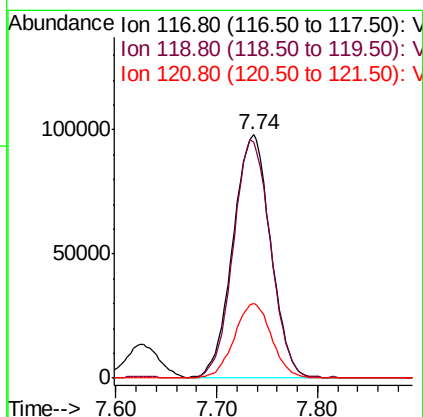
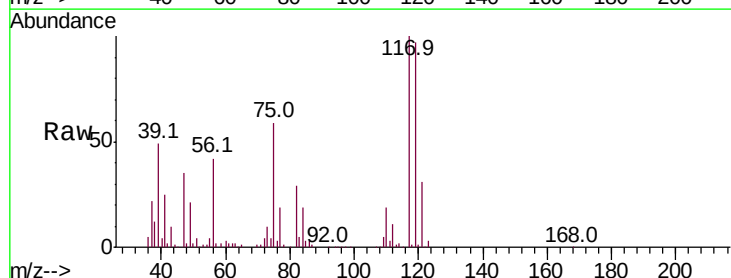
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

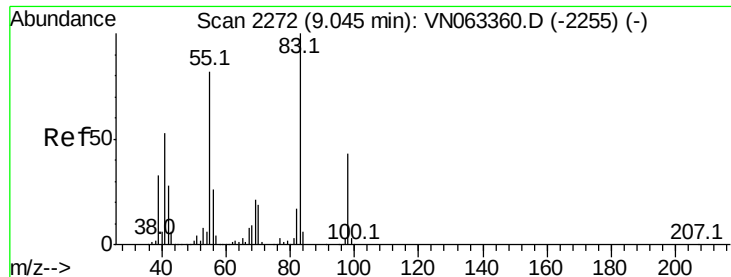
Tot Ion: 43 Resp: 243916
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 9.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 45.887 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion: 117 Resp: 253506
Ion Ratio Lower Upper
117 100
119 96.8 74.5 111.7
121 30.8 24.1 36.1

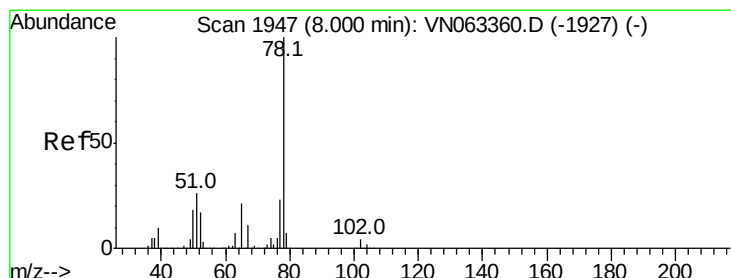
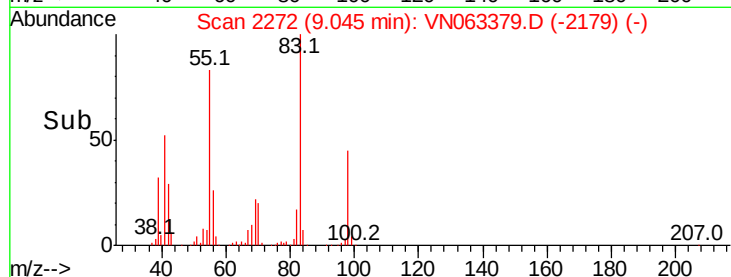
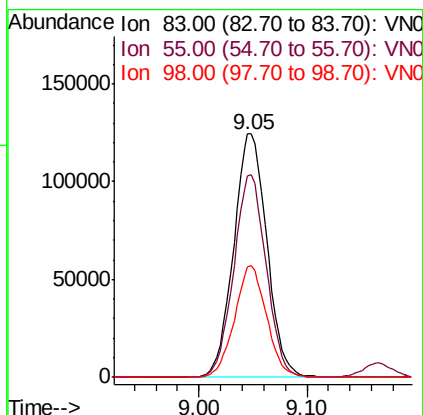
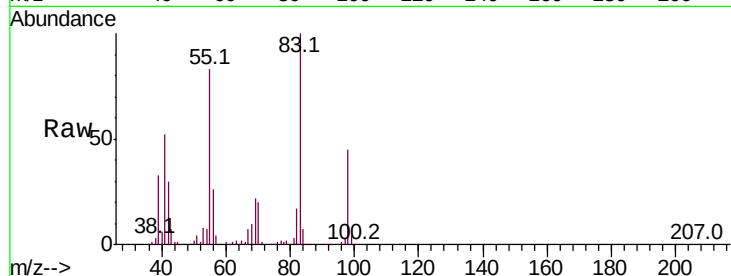




#39
Methylvlcyclohexane
Concen: 45.428 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

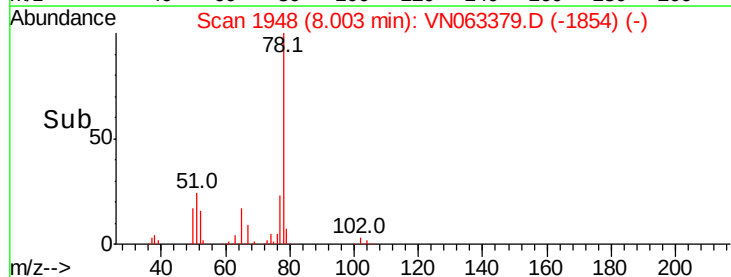
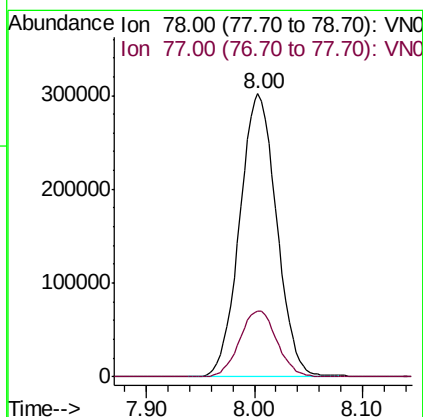
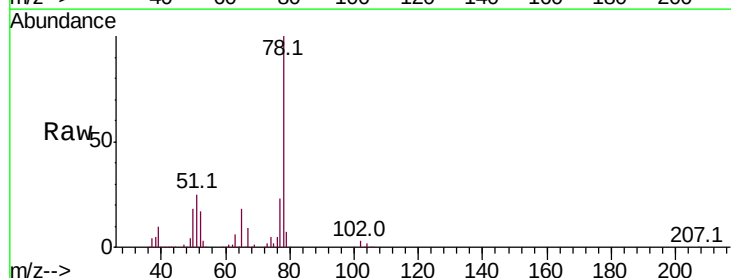
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

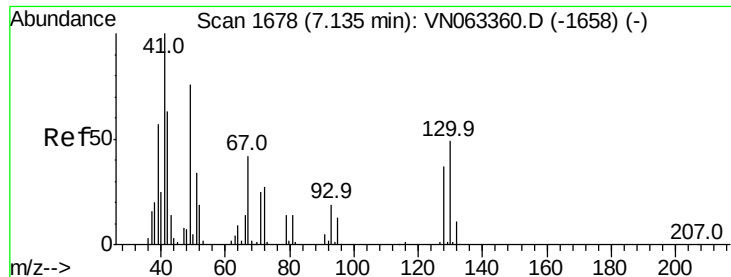
Tot Ion: 83 Resp: 266833
Ion Ratio Lower Upper
83 100
55 82.5 65.5 98.3
98 45.3 34.2 51.4



#40
Benzene
Concen: 46.478 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion: 78 Resp: 718046
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5

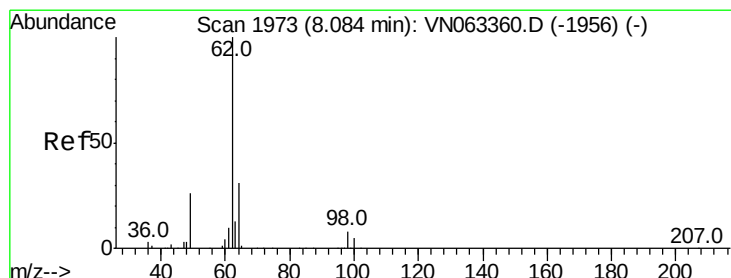
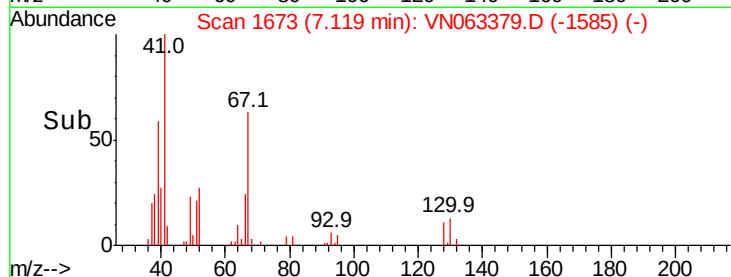
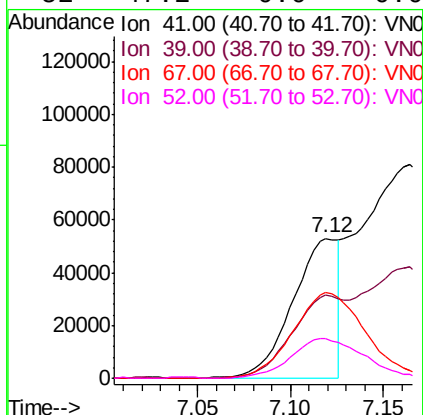
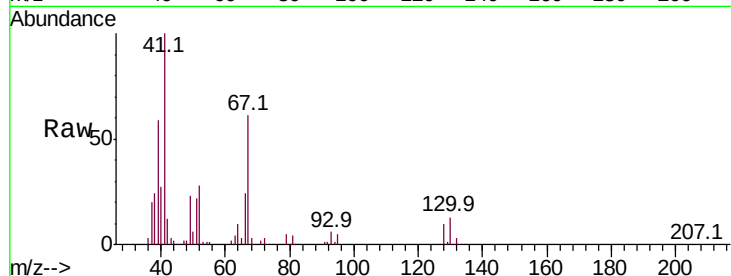




#41
Methacrylonitrile
Concen: 37.488 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.02 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

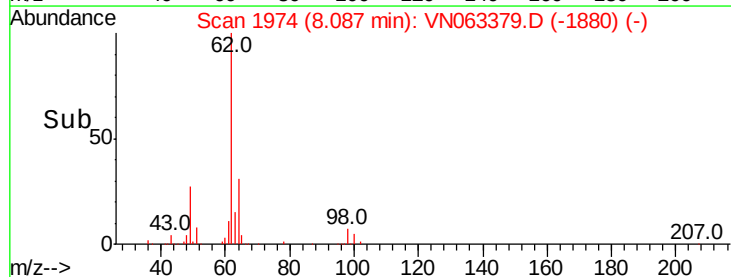
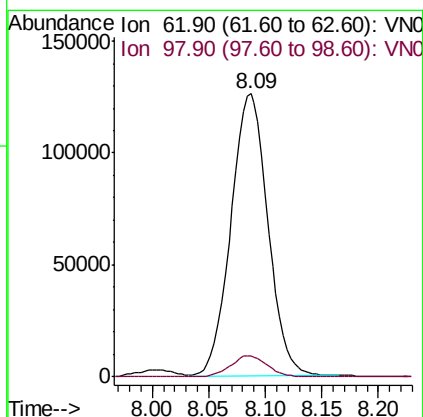
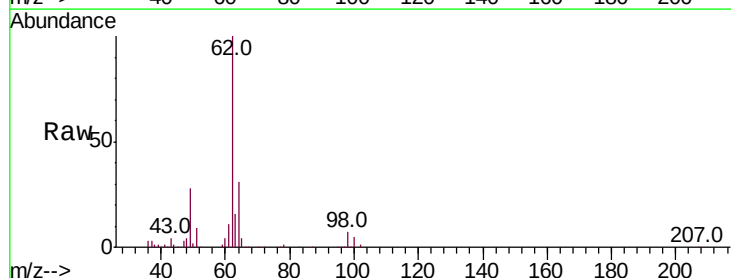
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

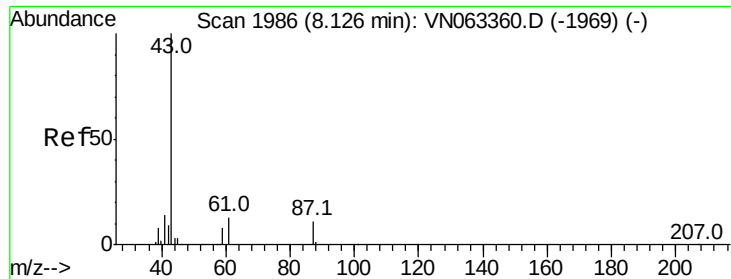
Tot Ion:	41	Resp:	89557
Ion	Ratio	Lower	Upper
41	100		
39	65.9	0.0	0.0#
67	99.9	0.0	0.0#
52	47.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 46.221 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion:	62	Resp:	287164
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 44.966 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

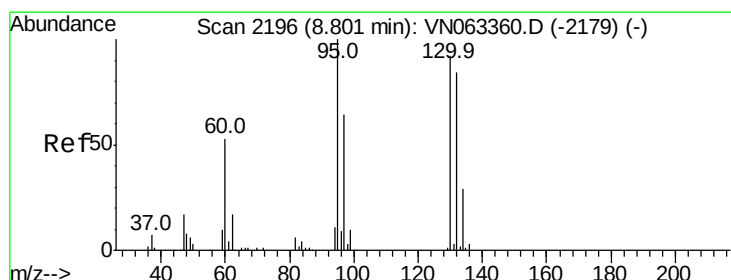
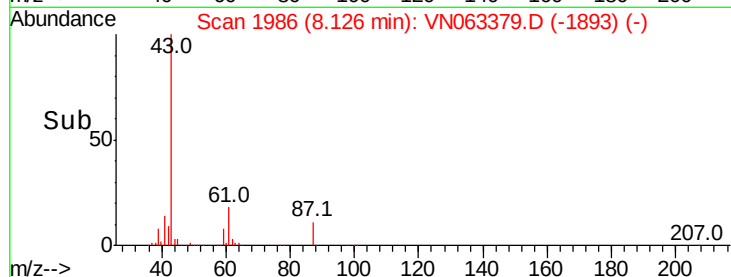
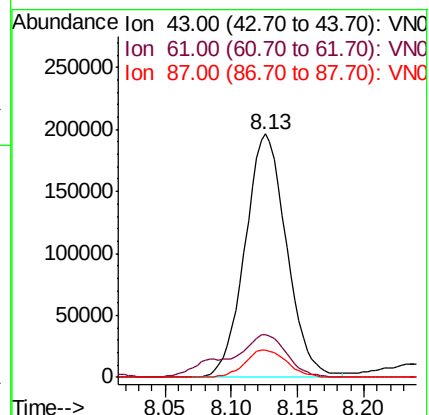
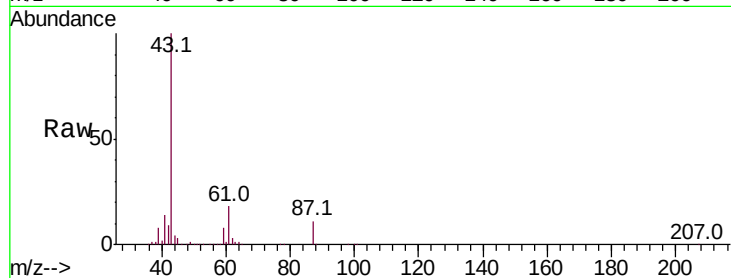
Tot Ion: 43 Resp: 427076

Ion Ratio Lower Upper

43 100

61 24.7 14.2 21.2#

87 11.4 9.0 13.6



#44

Trichloroethene

Concen: 45.950 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063379.D

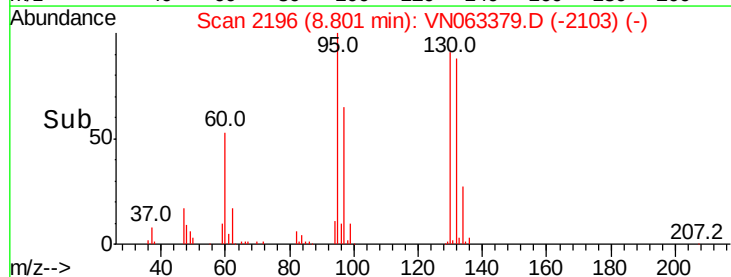
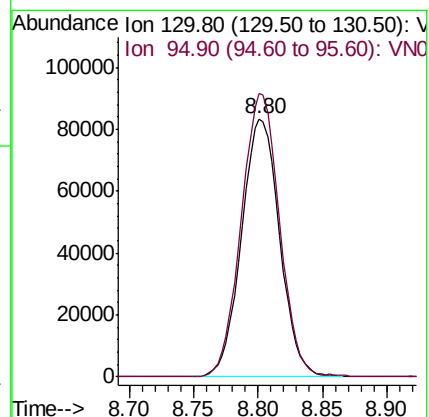
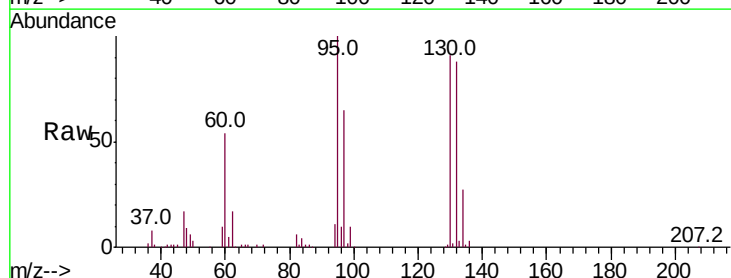
Acq: 16 Sep 2020 21:05

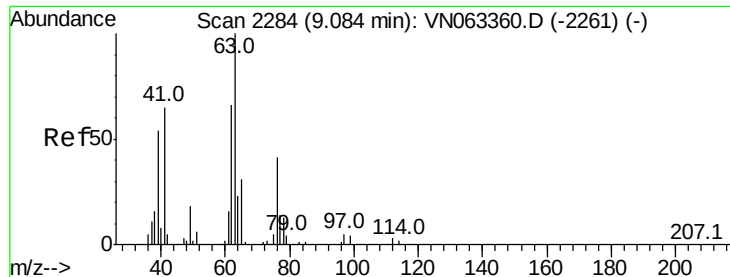
Tgt Ion:130 Resp: 172180

Ion Ratio Lower Upper

130 100

95 109.7 0.0 217.4

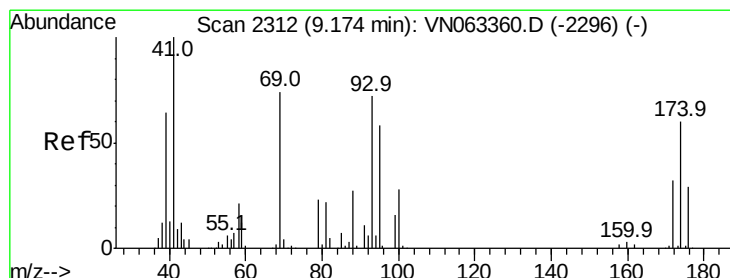
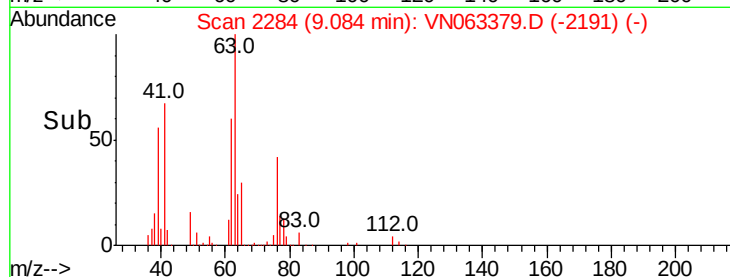
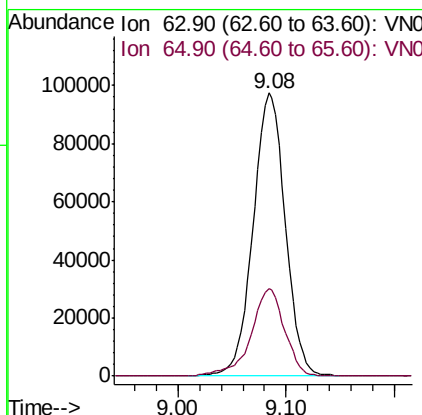
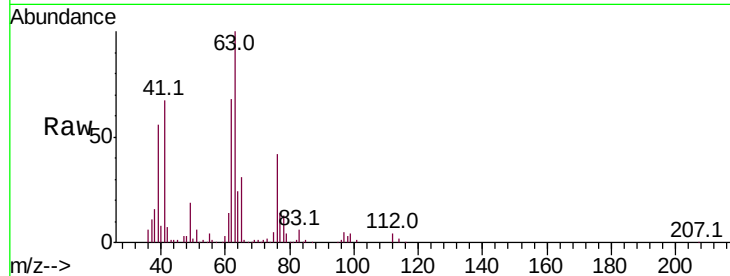




#45
 1,2-Dichloropropane
 Concen: 47.879 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063379.D
 Acq: 16 Sep 2020 21:05

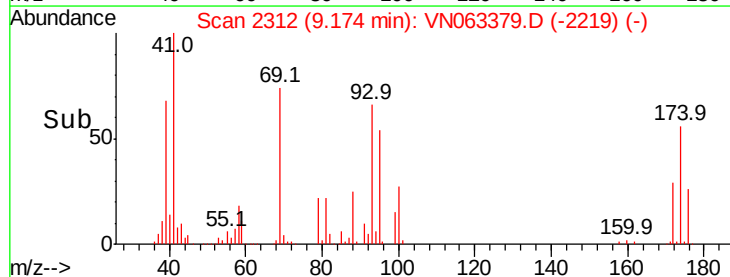
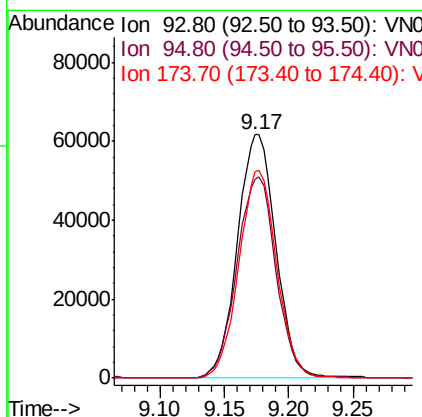
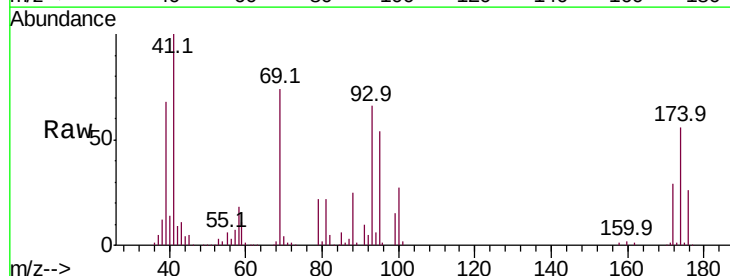
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

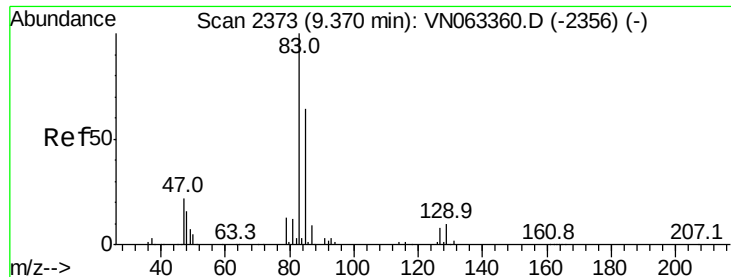
Tot Ion: 63 Resp: 201462
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.6



#46
 Dibromomethane
 Concen: 46.268 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063379.D
 Acq: 16 Sep 2020 21:05

Tgt Ion: 93 Resp: 127956
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.6 98.4
 174 84.2 68.1 102.1





#47

Bromodichloromethane

Concen: 47.750 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

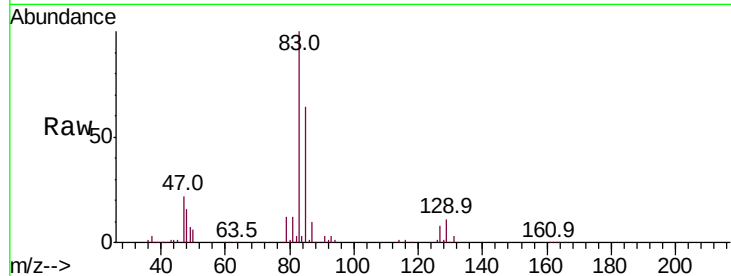
Tot Ion: 83 Resp: 274340

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.6

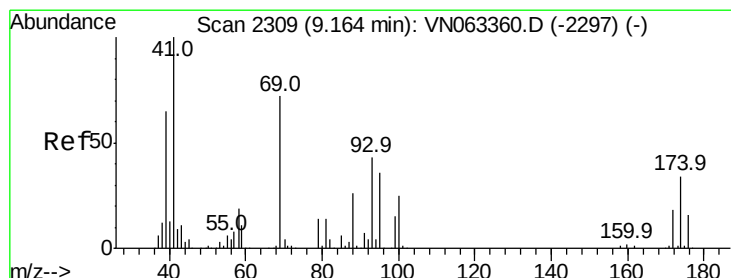
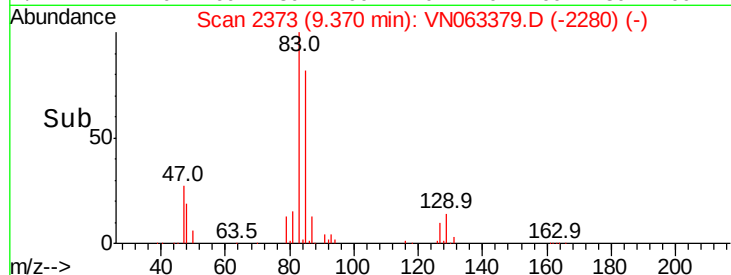
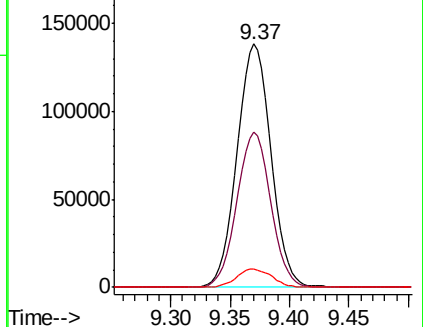
127 7.7 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063379.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063379.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063379.D (-2280) (-)



#48

Methyl methacrylate

Concen: 45.597 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

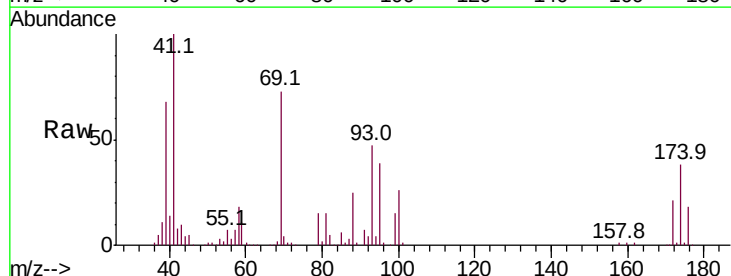
Tgt Ion: 41 Resp: 212771

Ion Ratio Lower Upper

41 100

69 74.8 59.3 88.9

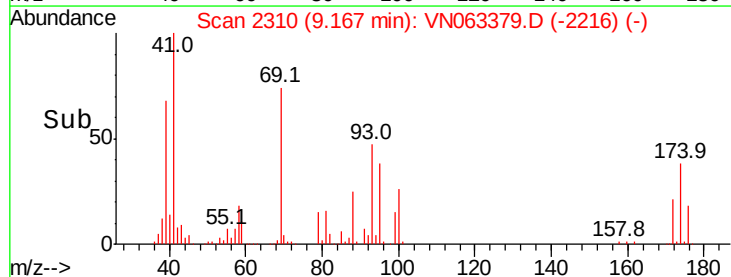
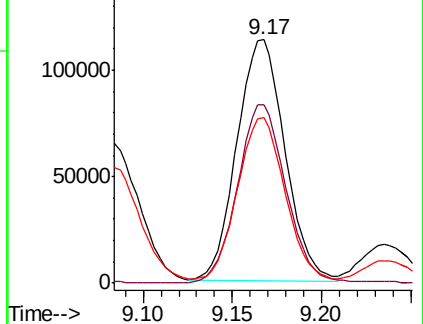
39 69.0 52.9 79.3

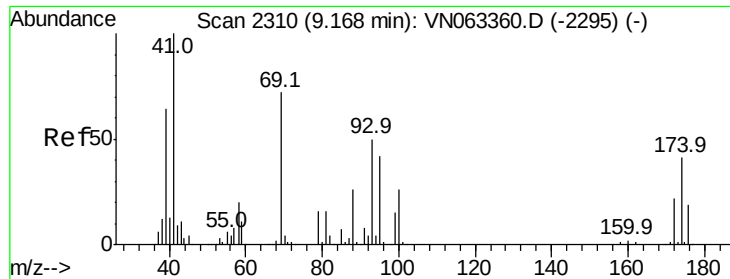


Abundance Ion 41.00 (40.70 to 41.70): VN063379.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN063379.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN063379.D (-2216) (-)





#49

1,4-Dioxane

Concen: 886.905 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

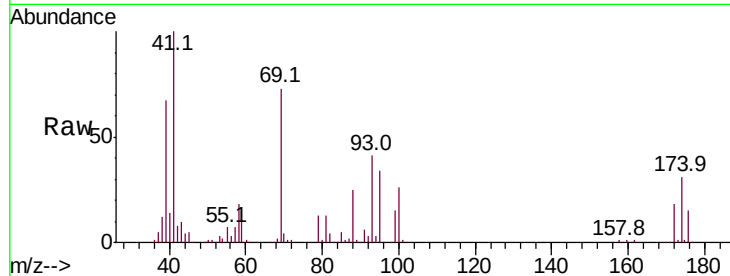
Tot Ion: 88 Resp: 59391

Ion Ratio Lower Upper

88 100

43 35.8 32.6 49.0

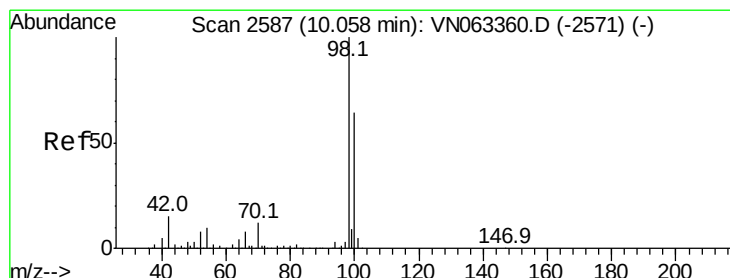
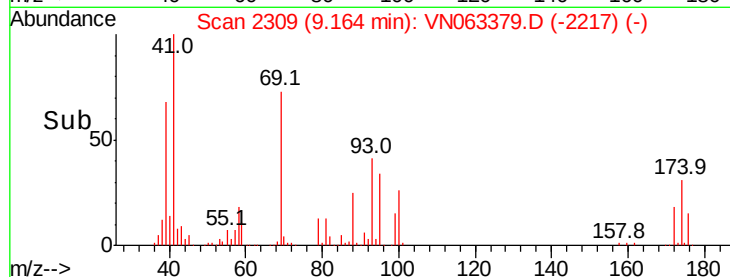
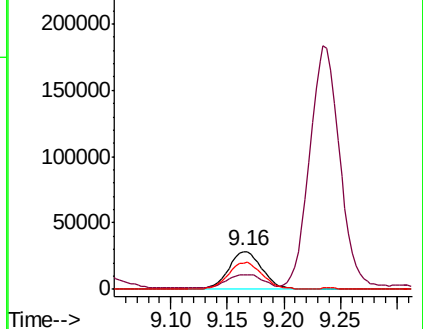
58 72.9 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN063360.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2295) (-)



#50

Toluene-d8

Concen: 44.186 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063379.D

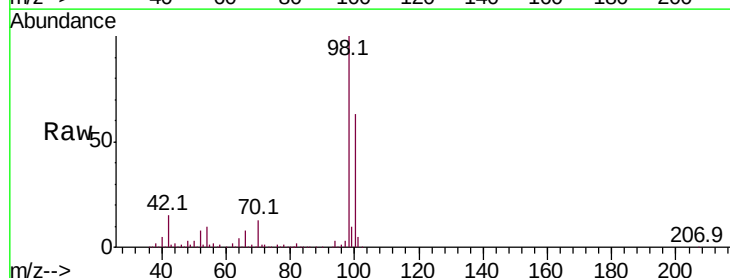
Acq: 16 Sep 2020 21:05

Tgt Ion: 98 Resp: 584303

Ion Ratio Lower Upper

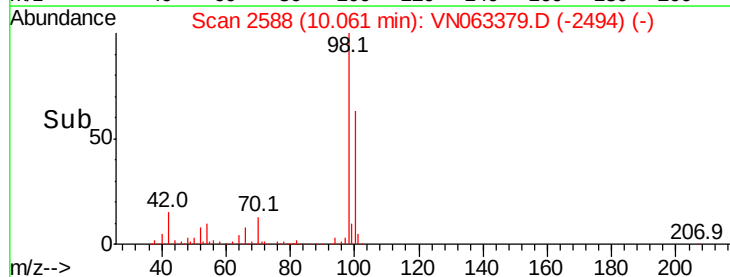
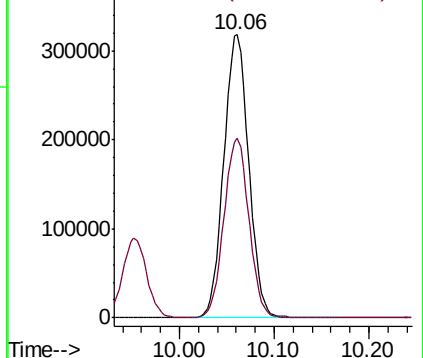
98 100

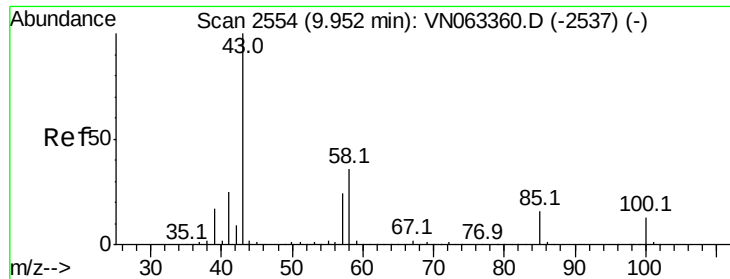
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 233.154 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

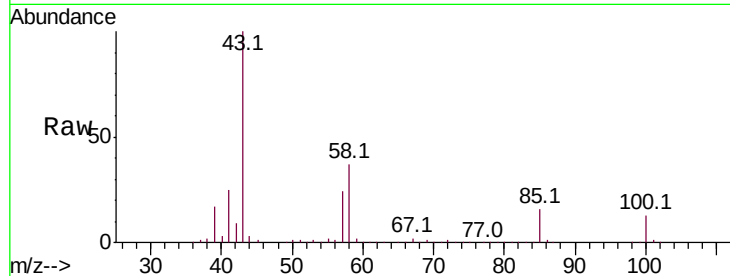
VSTDCCC050EC

Tot Ion: 43 Resp: 1239720

Ion Ratio Lower Upper

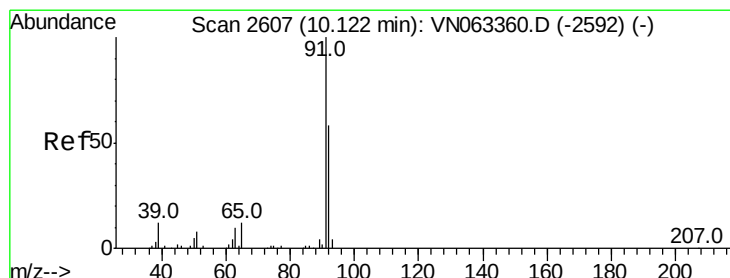
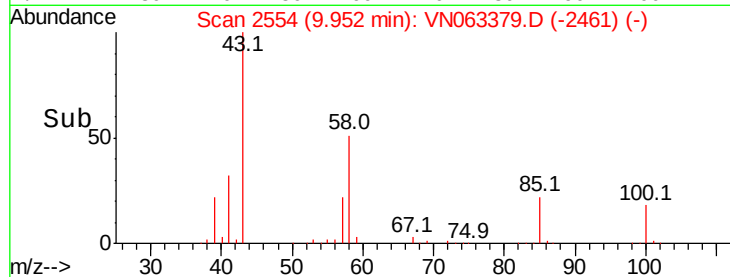
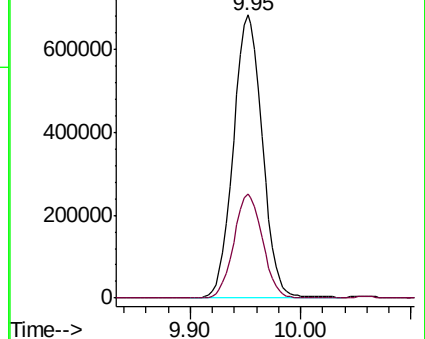
43 100

58 36.5 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2537) (-)



#52

Toluene

Concen: 48.695 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063379.D

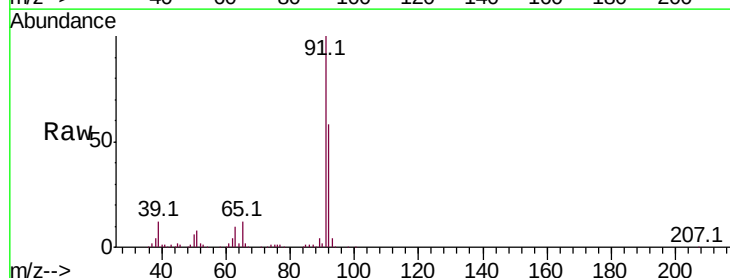
Acq: 16 Sep 2020 21:05

Tgt Ion: 92 Resp: 452308

Ion Ratio Lower Upper

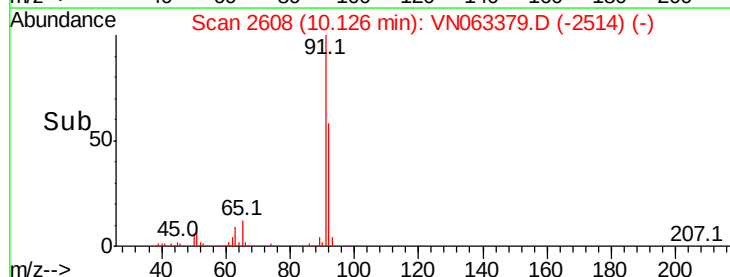
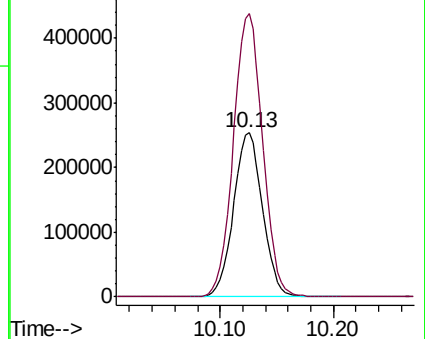
92 100

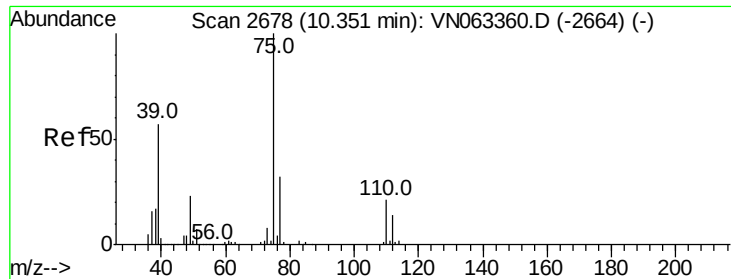
91 174.7 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063360.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-2592) (-)

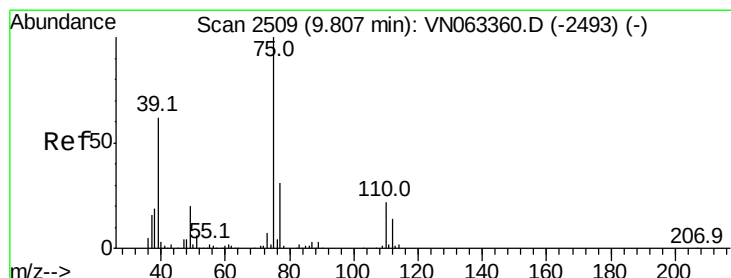
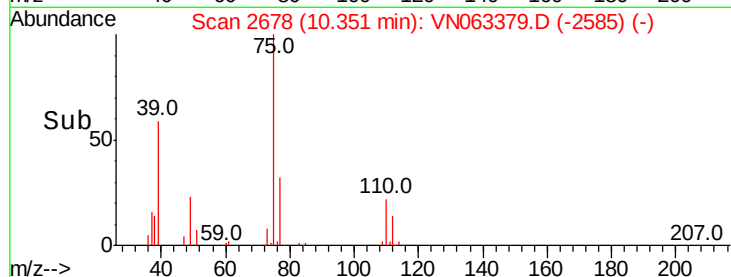
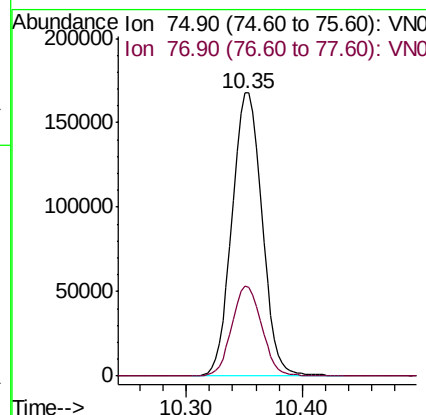
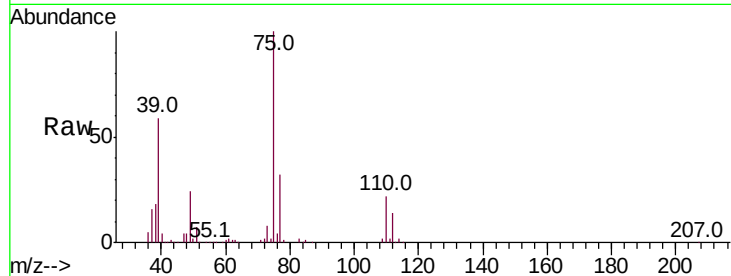




#53
t-1,3-Dichloropropene
Concen: 46.910 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

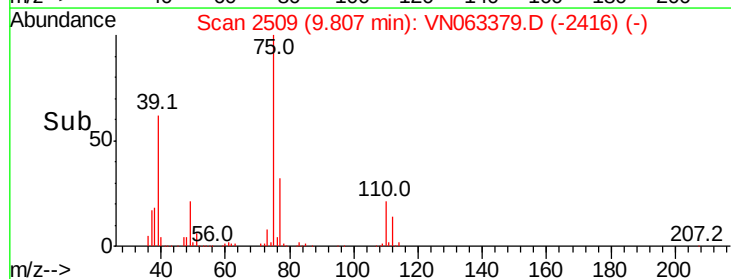
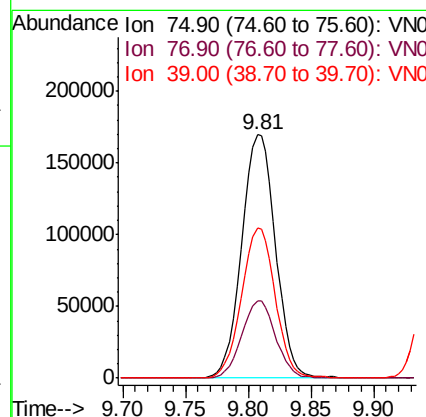
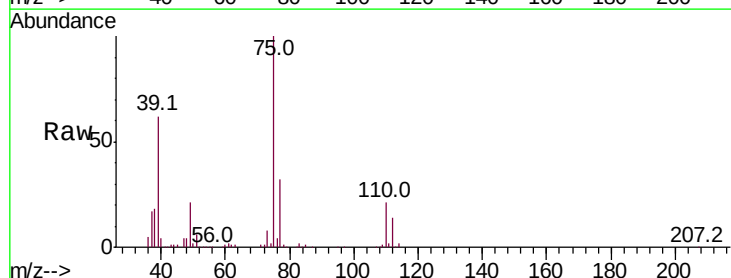
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

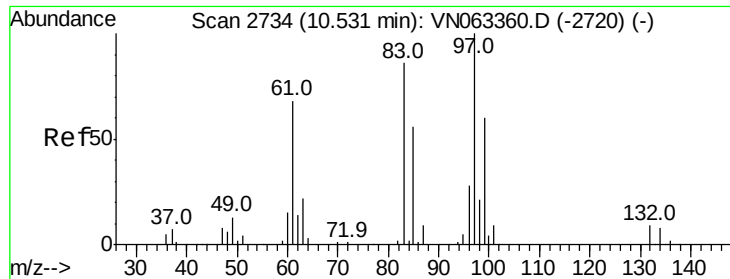
Tot Ion: 75 Resp: 300883
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 46.983 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion: 75 Resp: 317863
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0
39 61.4 49.8 74.8

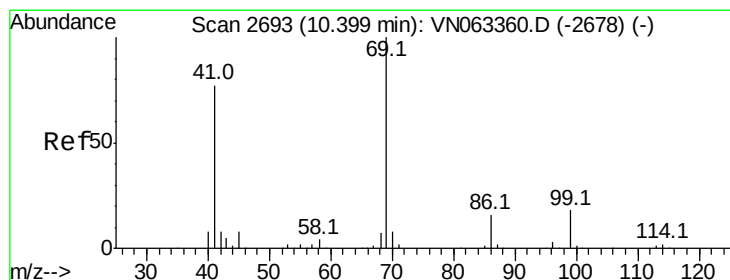
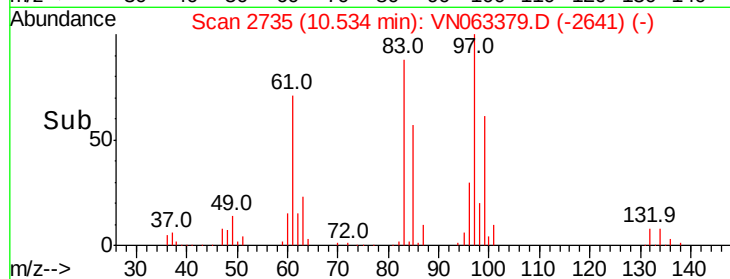
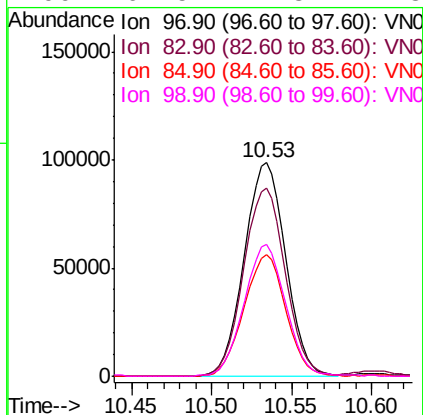
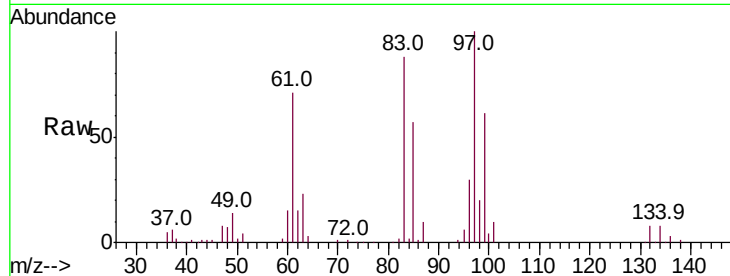




#55
 1,1,2-Trichloroethane
 Concen: 47.440 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063379.D
 Acq: 16 Sep 2020 21:05

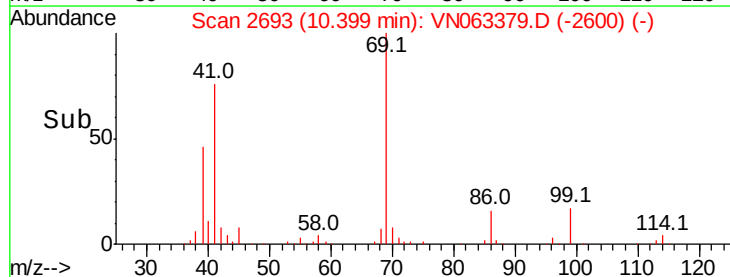
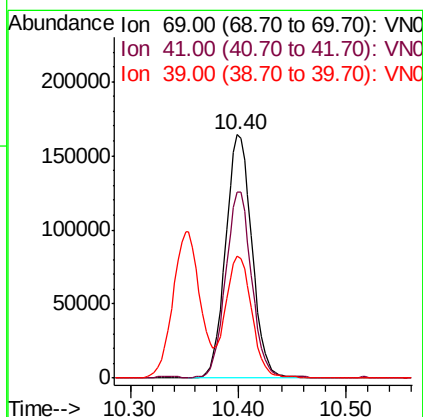
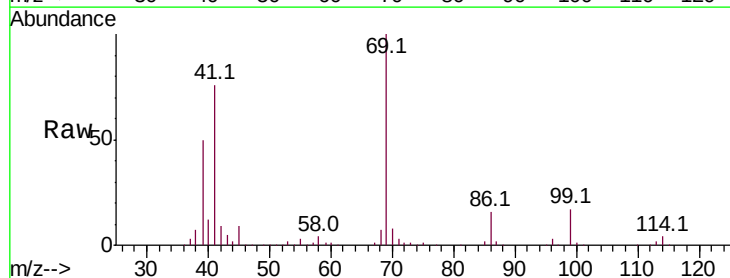
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

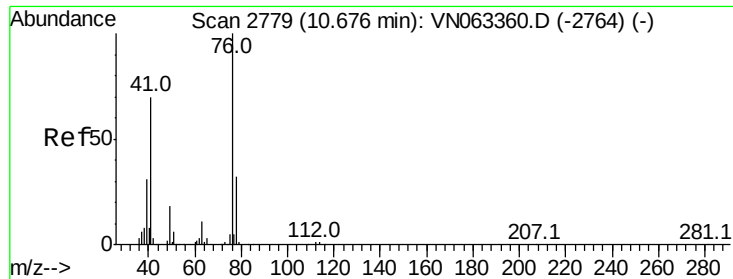
Tot Ion:	97	Resp:	175029
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.9	103.3
85	57.0	44.8	67.2
99	61.5	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 48.214 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063379.D
 Acq: 16 Sep 2020 21:05

Tgt Ion:	69	Resp:	277700
Ion	Ratio	Lower	Upper
69	100		
41	75.4	61.0	91.6
39	49.9	39.2	58.8





#57

1,3-Dichloropropane

Concen: 46.963 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

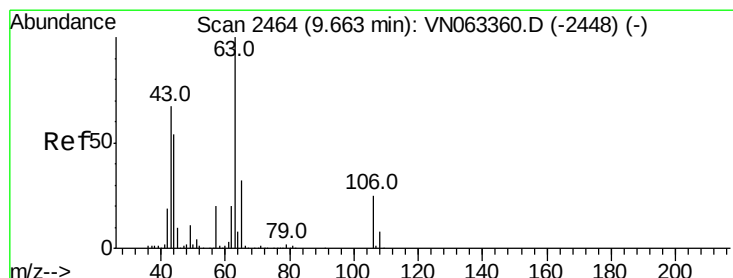
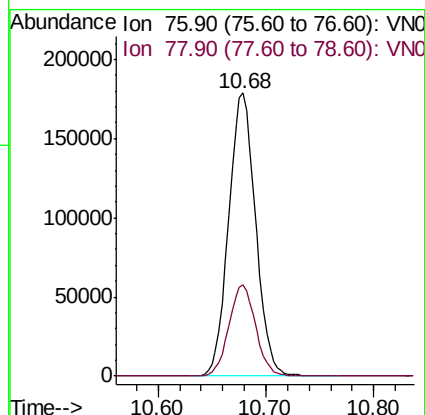
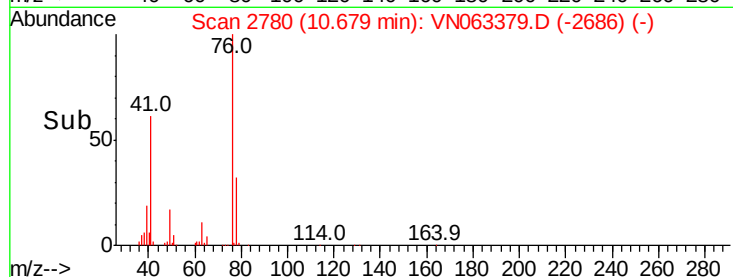
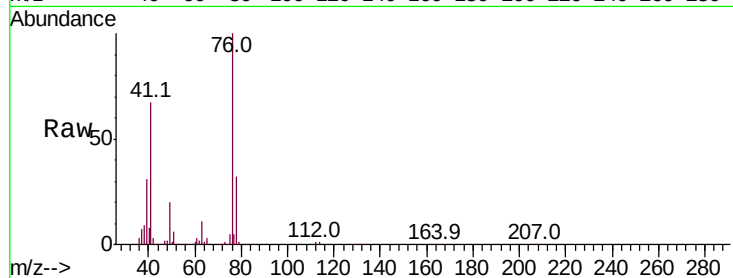
VSTDCCC050EC

Tot Ion: 76 Resp: 312460

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 238.375 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063379.D

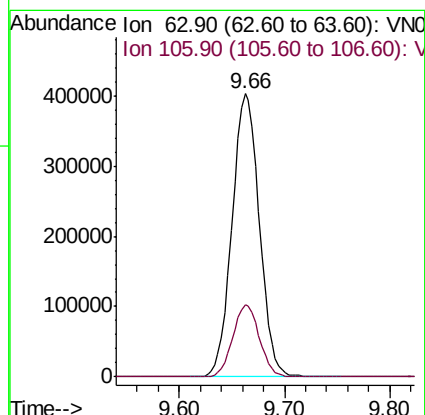
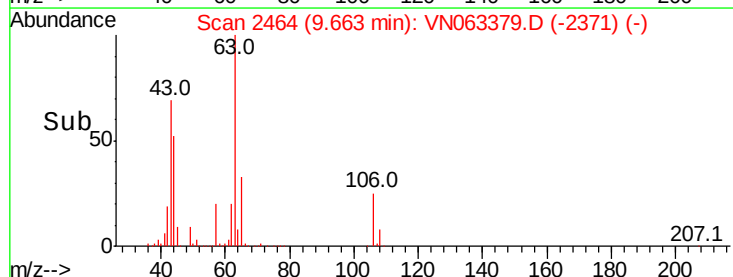
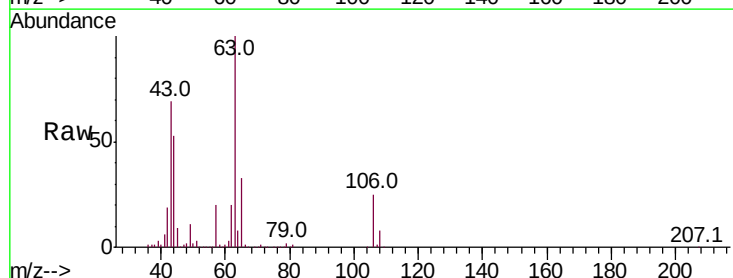
Acq: 16 Sep 2020 21:05

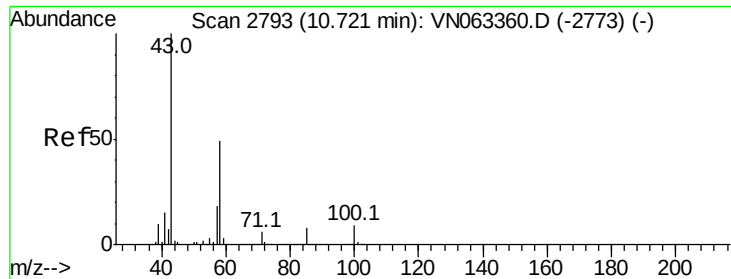
Tgt Ion: 63 Resp: 720234

Ion Ratio Lower Upper

63 100

106 24.9 19.5 29.3

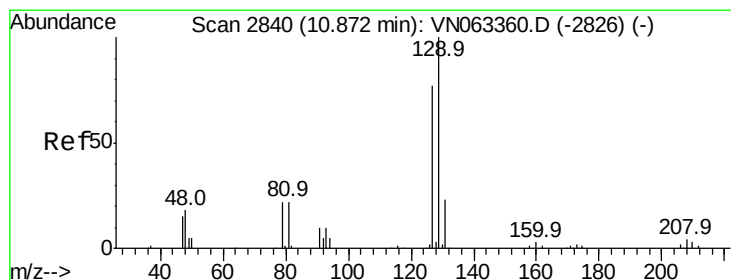
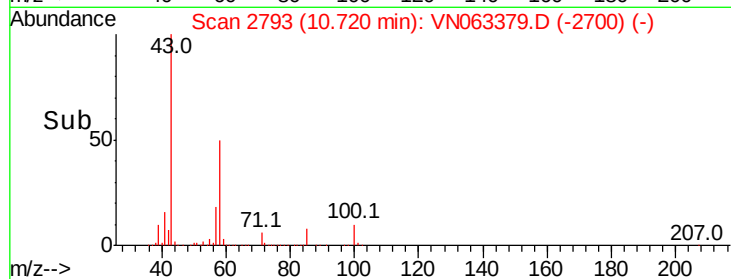
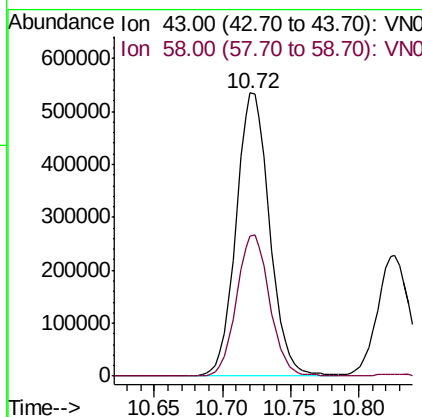
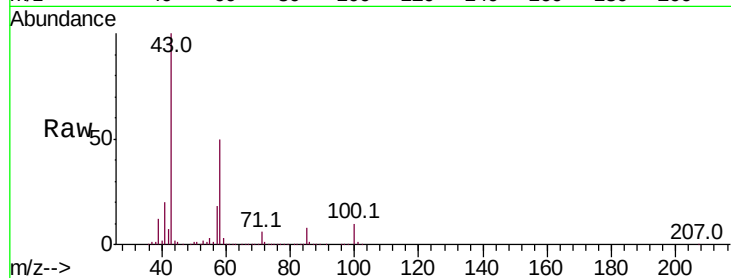




#59
2-Hexanone
Concen: 235.257 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

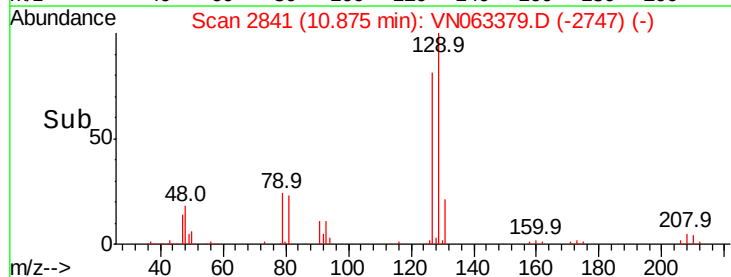
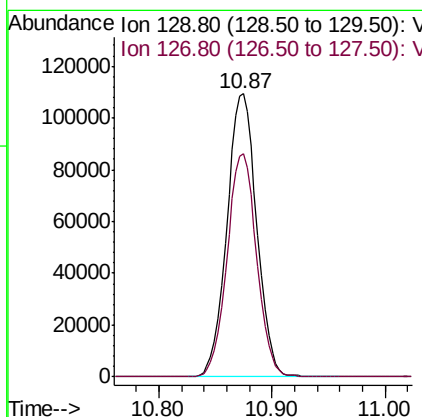
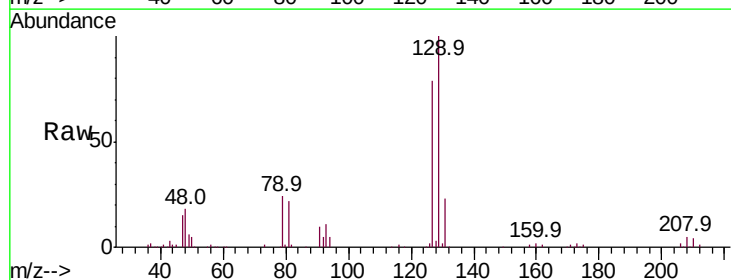
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

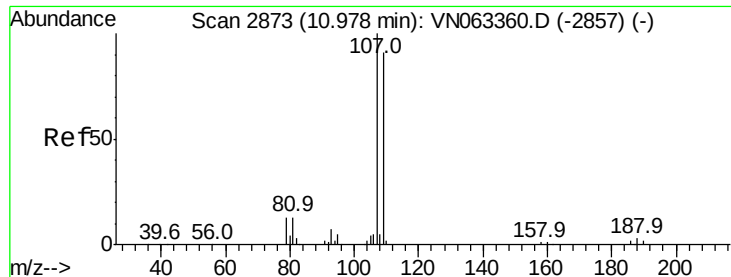
Tot Ion: 43 Resp: 906245
Ion Ratio Lower Upper
43 100
58 49.7 24.7 74.1



#60
Dibromochloromethane
Concen: 48.000 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion: 129 Resp: 200071
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3

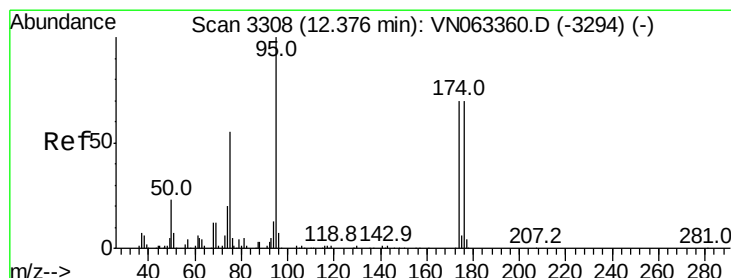
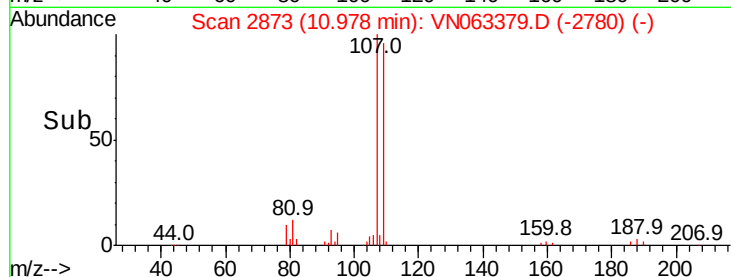
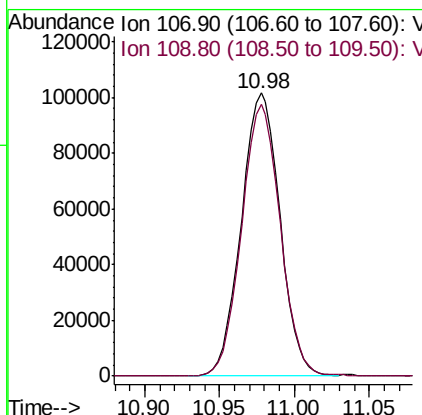
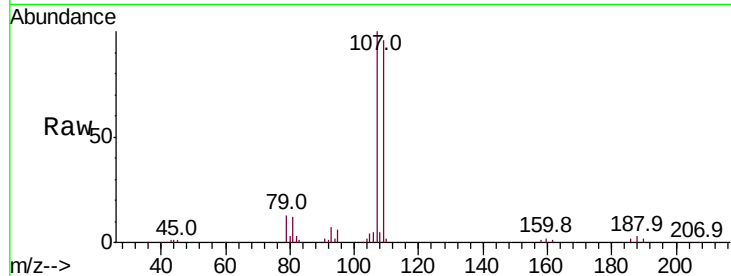




#61
 1,2-Dibromoethane
 Concen: 47.797 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063379.D
 Acq: 16 Sep 2020 21:05

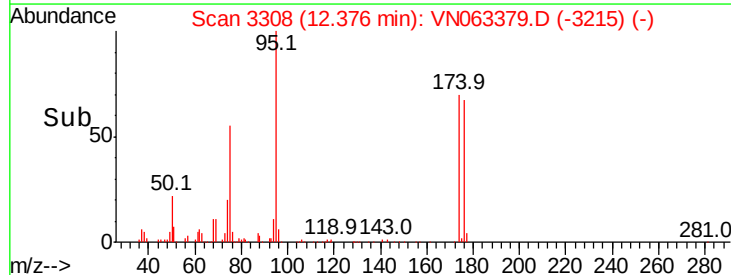
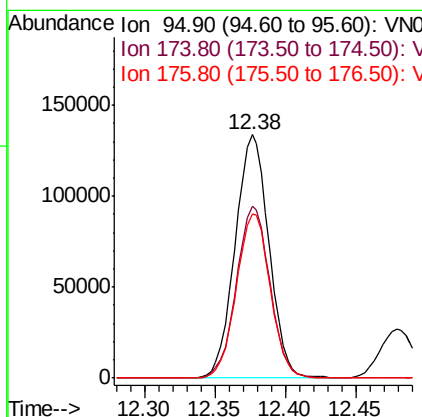
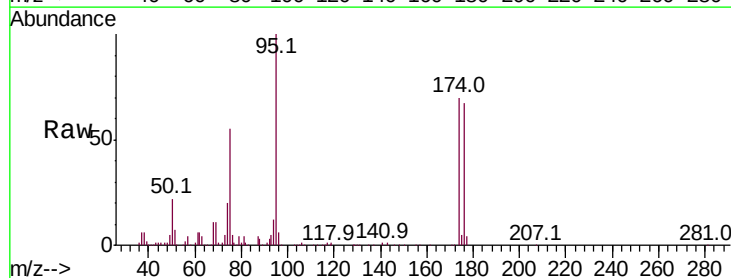
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

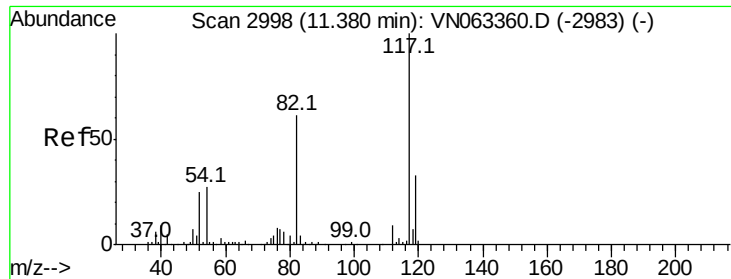
Tot Ion:107 Resp: 183209
 Ion Ratio Lower Upper
 107 100
 109 96.0 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 46.393 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063379.D
 Acq: 16 Sep 2020 21:05

Tgt Ion: 95 Resp: 224894
 Ion Ratio Lower Upper
 95 100
 174 70.2 0.0 140.8
 176 67.4 0.0 137.6

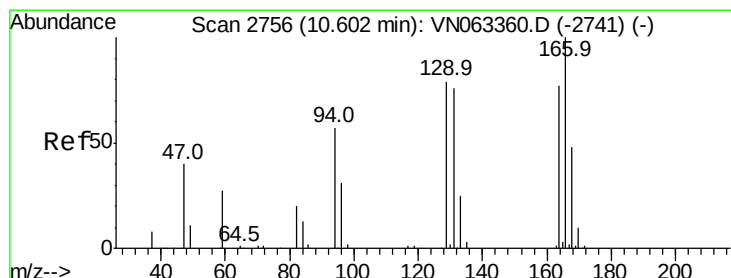
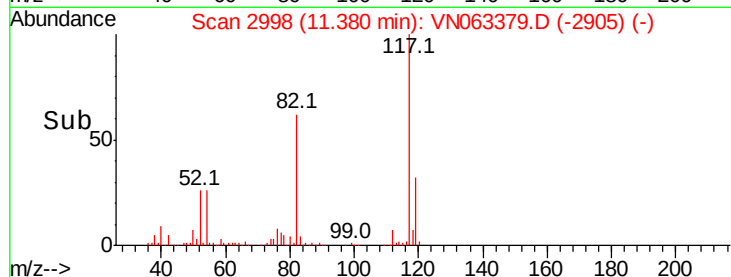
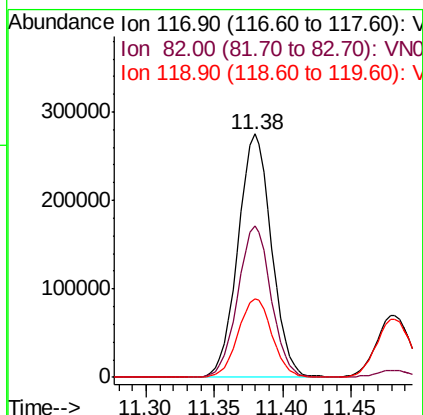
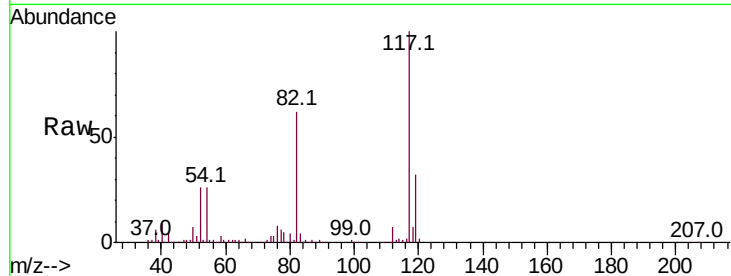




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

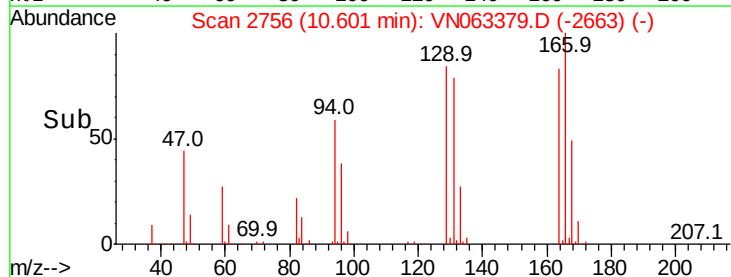
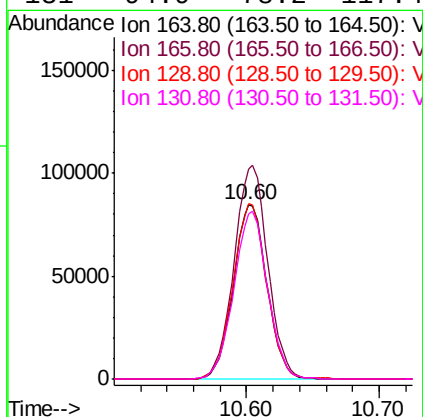
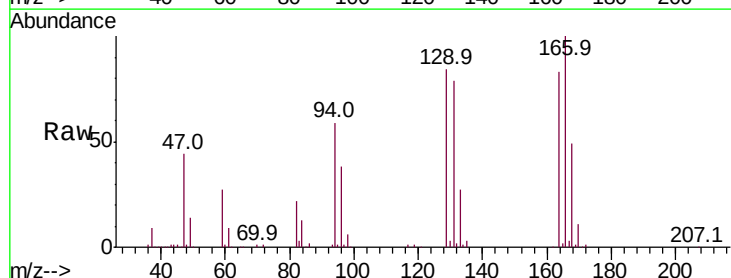
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

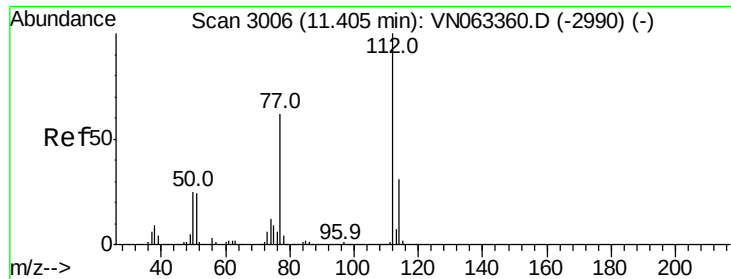
Tot Ion:117 Resp: 469355
Ion Ratio Lower Upper
117 100
82 62.0 49.2 73.8
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 46.507 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion:164 Resp: 148634
Ion Ratio Lower Upper
164 100
166 120.3 103.4 155.0
129 100.7 81.8 122.6
131 94.9 78.2 117.4

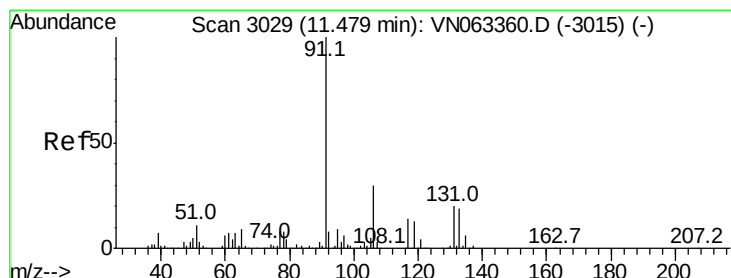
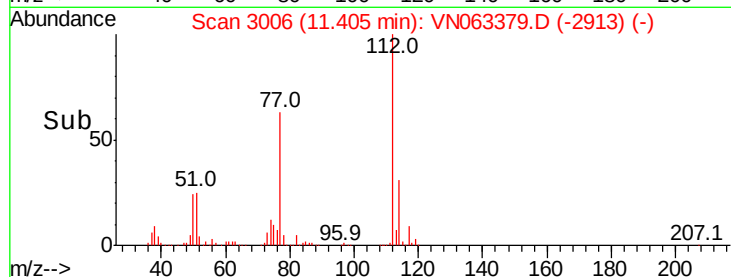
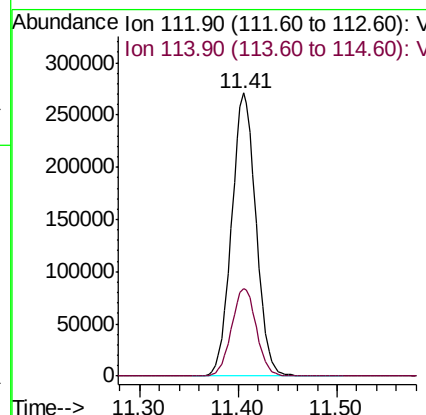
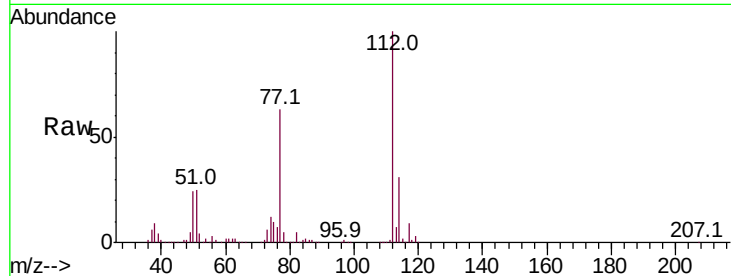




#65
Chlorobenzene
Concen: 46.997 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

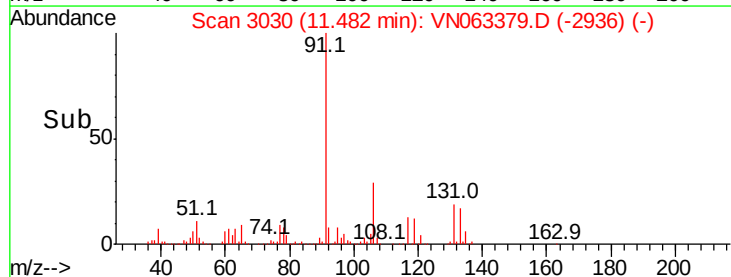
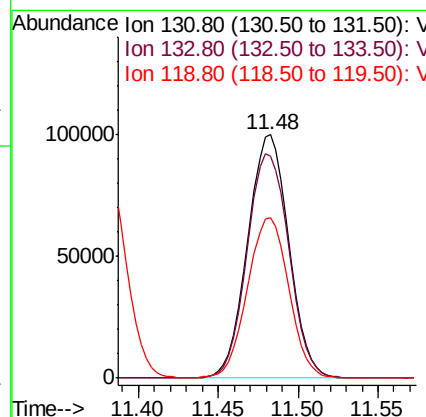
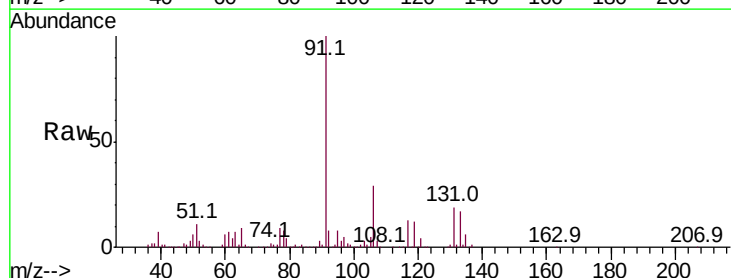
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

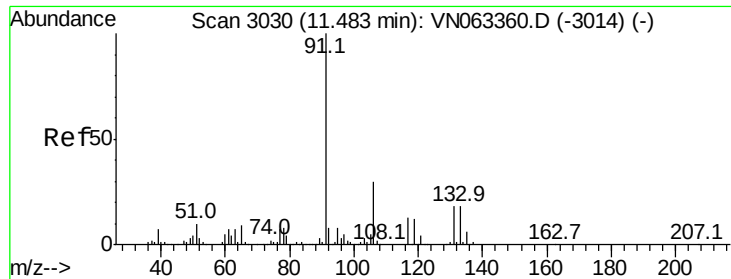
Tot Ion:112 Resp: 468236
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.136 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion:131 Resp: 175798
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.9
119 66.5 33.6 100.8

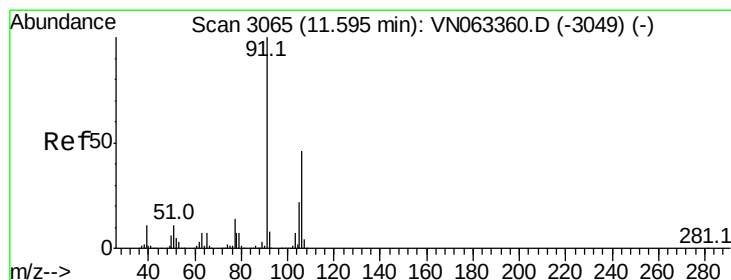
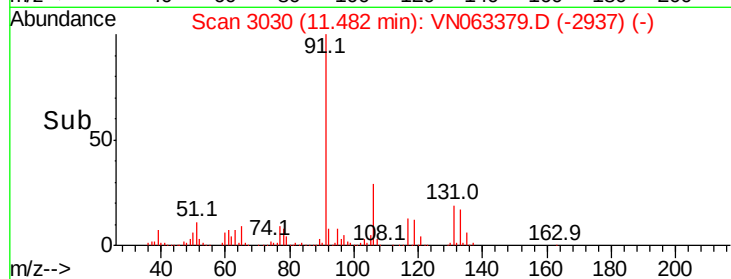
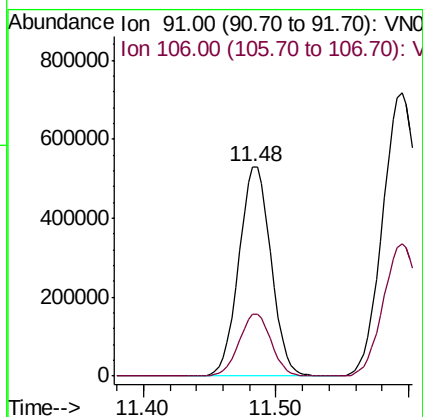
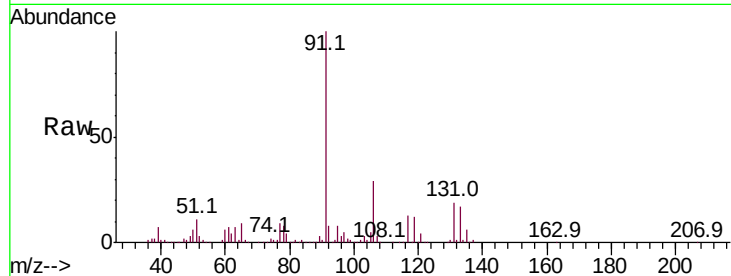




#67
Ethyl Benzene
Concen: 47.609 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

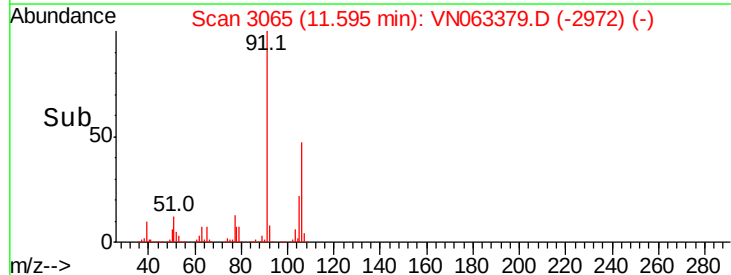
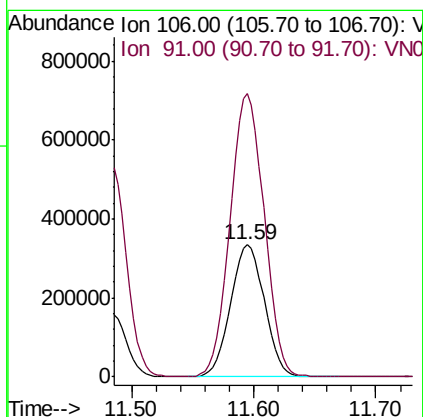
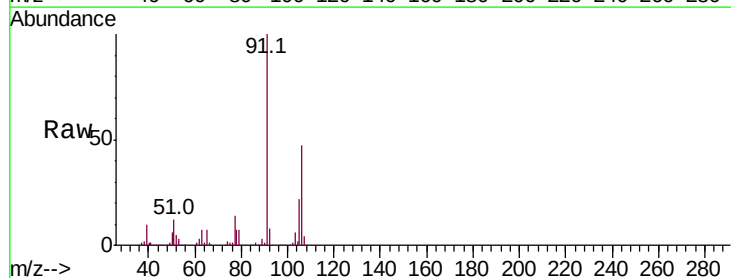
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

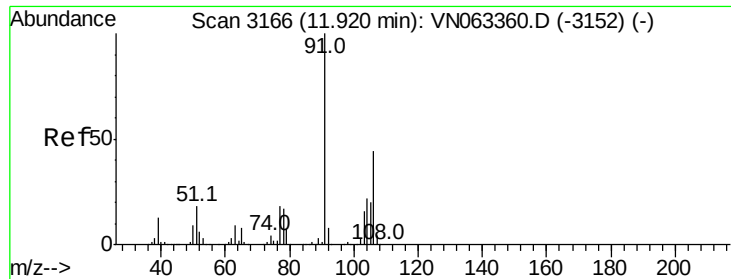
Tot Ion: 91 Resp: 893266
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6



#68
m/p-Xylenes
Concen: 95.058 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion: 106 Resp: 643044
Ion Ratio Lower Upper
106 100
91 216.5 171.2 256.8

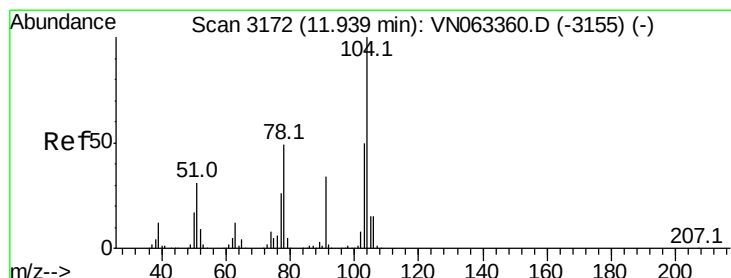
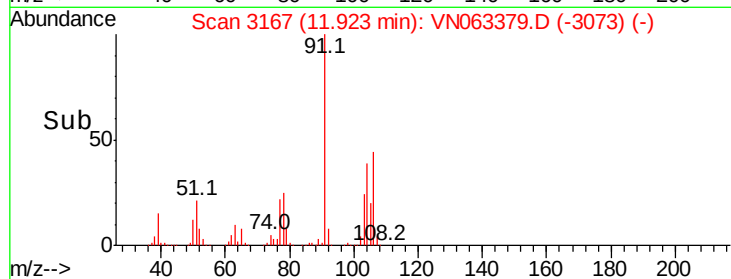
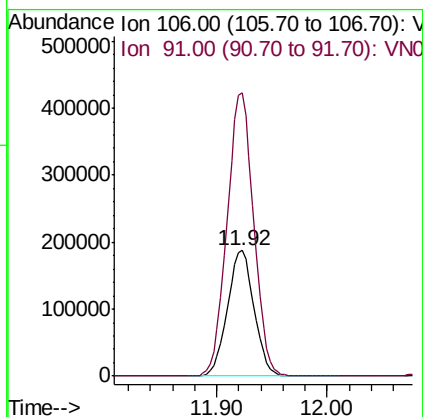
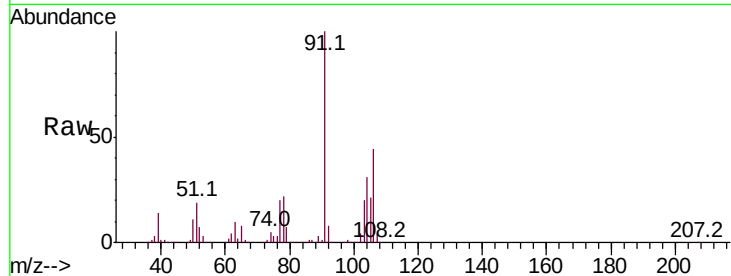




#69
o-Xylene
Concen: 48.533 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

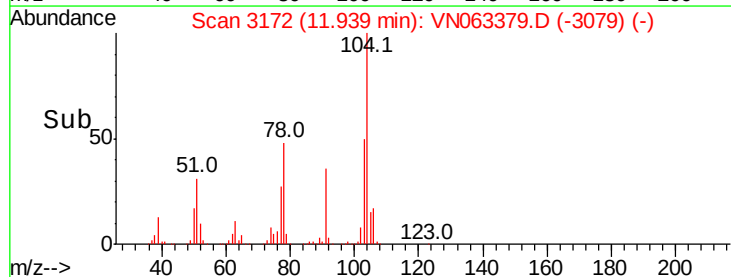
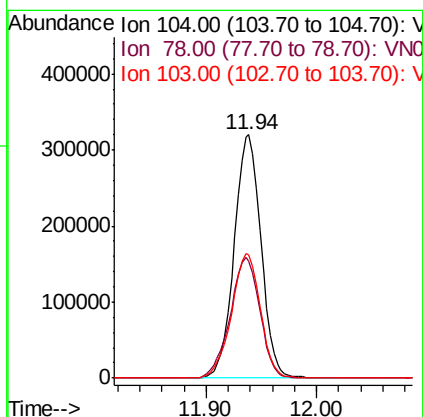
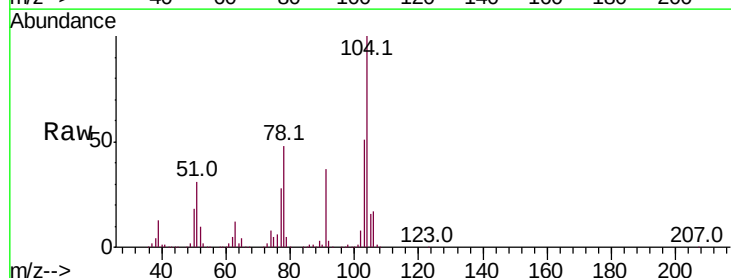
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

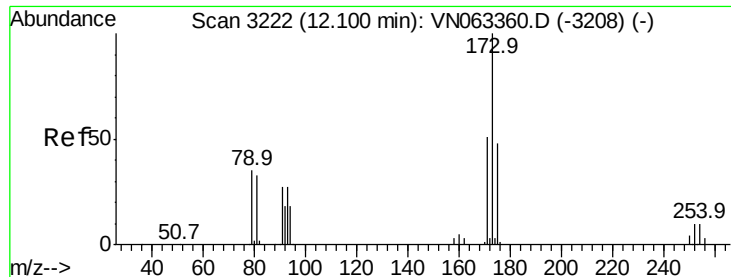
Tot Ion:106 Resp: 312758
Ion Ratio Lower Upper
106 100
91 226.5 113.6 340.8



#70
Styrene
Concen: 49.930 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion:104 Resp: 539579
Ion Ratio Lower Upper
104 100
78 54.9 44.4 66.6
103 55.3 43.7 65.5





#71

Bromoform

Concen: 49.016 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

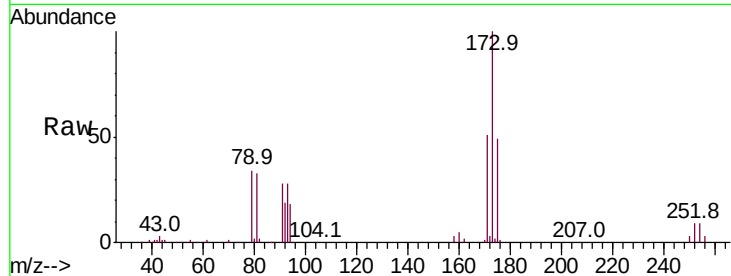
Tot Ion:173 Resp: 133358

Ion Ratio Lower Upper

173 100

175 49.0 24.0 72.0

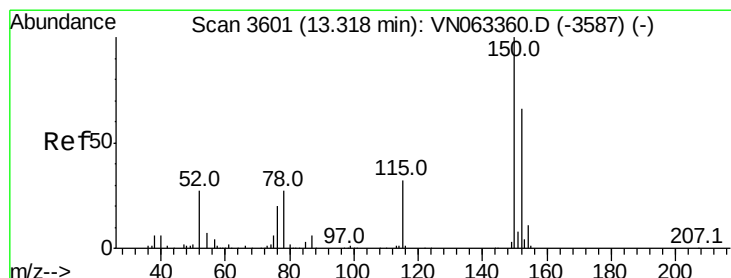
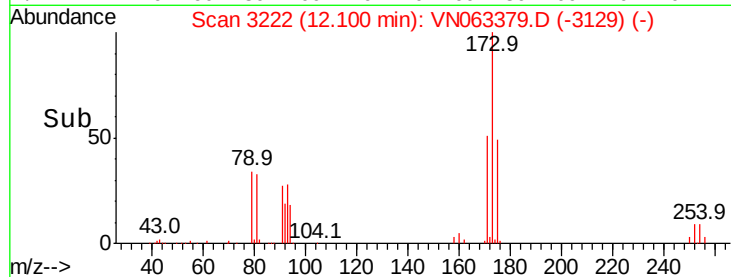
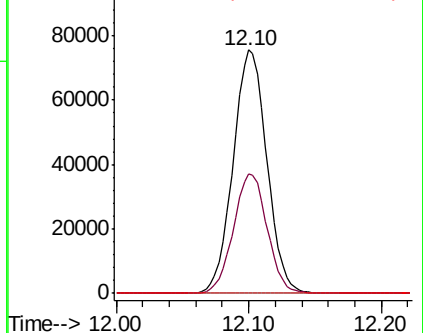
254 0.0 0.0 0.0



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: VN063379.D

Acq: 16 Sep 2020 21:05

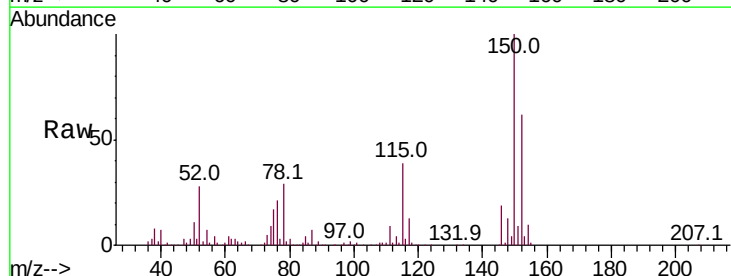
Tgt Ion:152 Resp: 225259

Ion Ratio Lower Upper

152 100

115 64.0 32.2 96.6

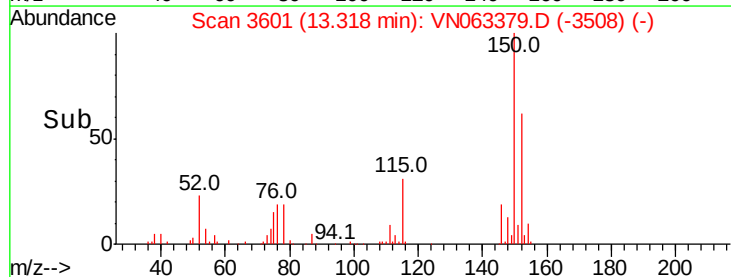
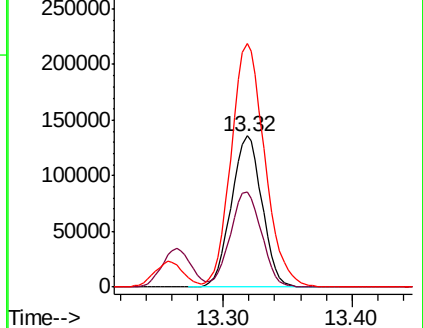
150 175.9 0.0 343.4

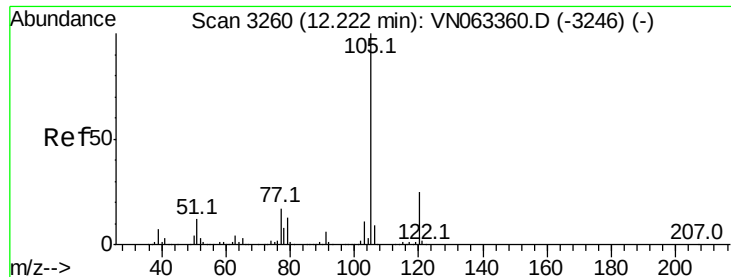


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

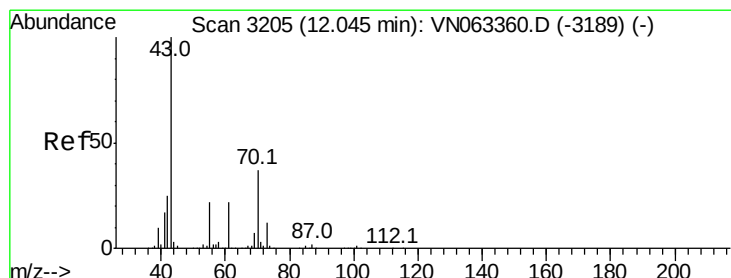
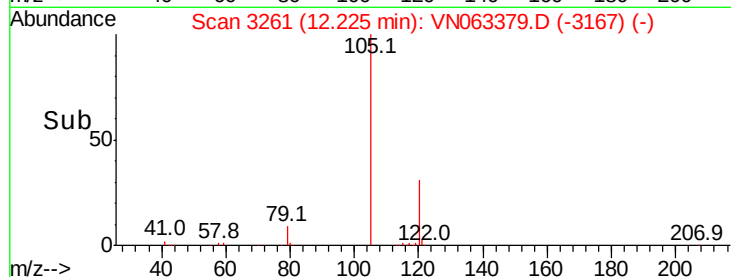
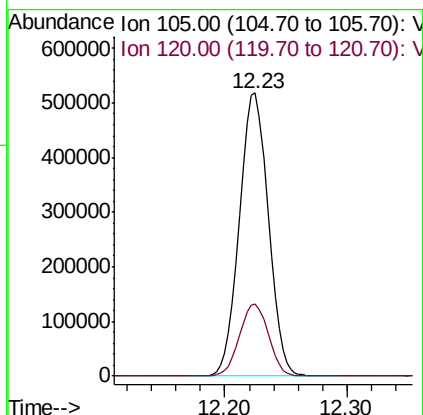
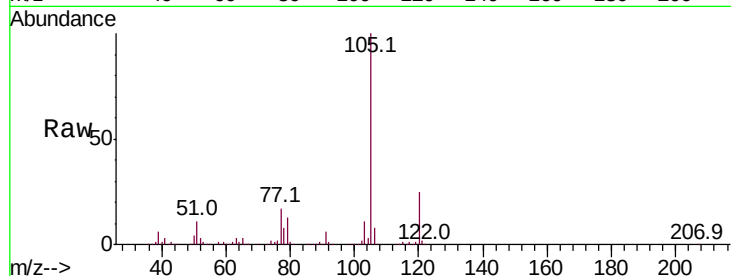




#73
Isopropylbenzene
Concen: 47.051 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

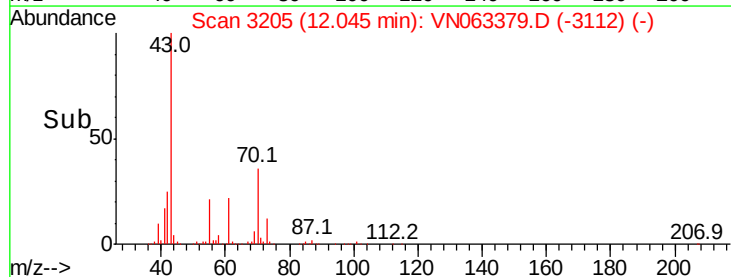
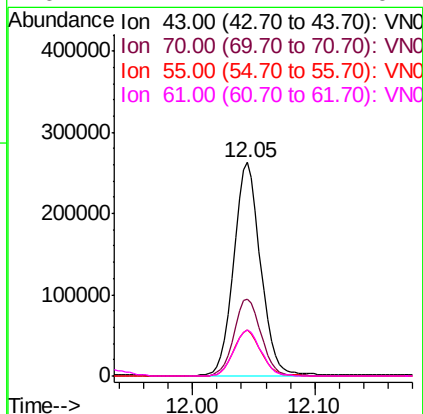
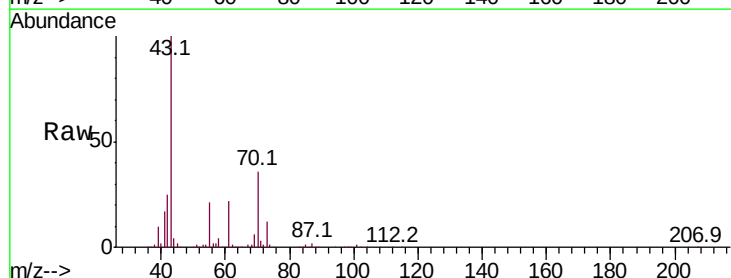
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

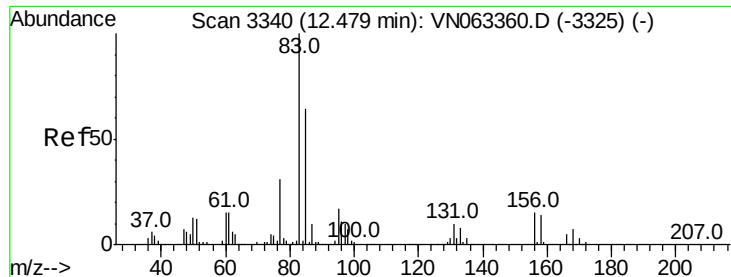
Tot Ion:105 Resp: 849313
Ion Ratio Lower Upper
105 100
120 25.4 12.7 38.0



#74
N-ethyl acetate
Concen: 46.956 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063379.D
Acq: 16 Sep 2020 21:05

Tgt Ion: 43 Resp: 401228
Ion Ratio Lower Upper
43 100
70 36.7 29.6 44.4
55 22.1 17.7 26.5
61 22.2 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.318 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

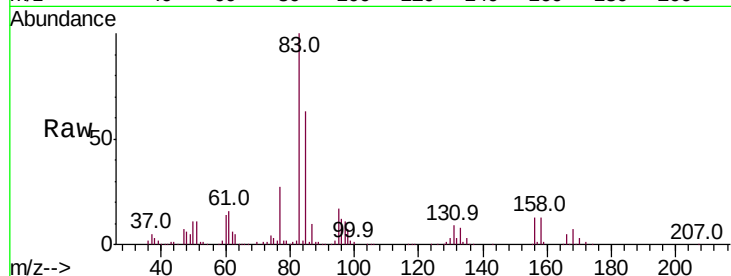
Tot Ion: 83 Resp: 258880

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

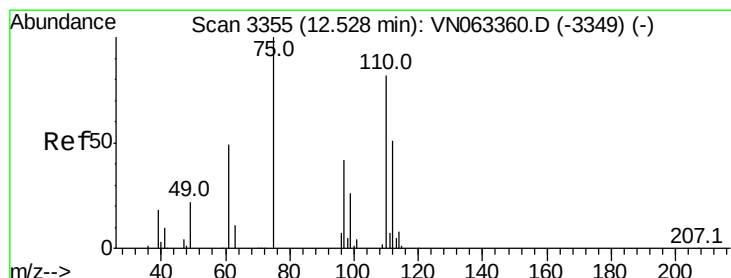
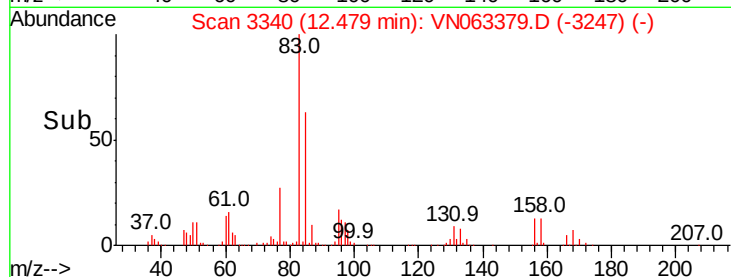
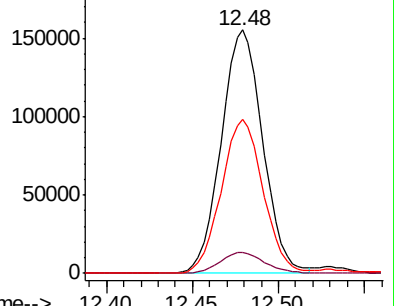
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 63.630 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063379.D

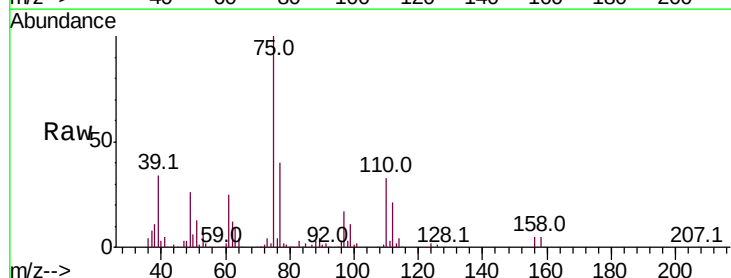
Acq: 16 Sep 2020 21:05

Tgt Ion: 75 Resp: 354768

Ion Ratio Lower Upper

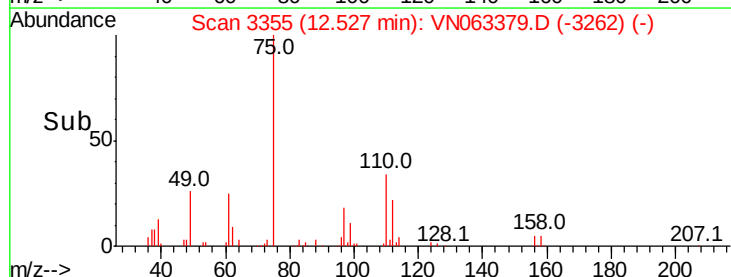
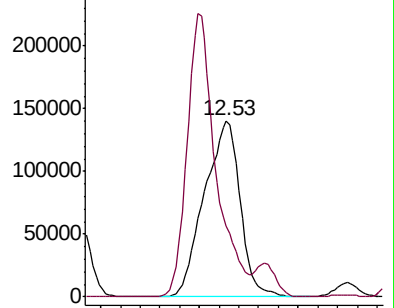
75 100

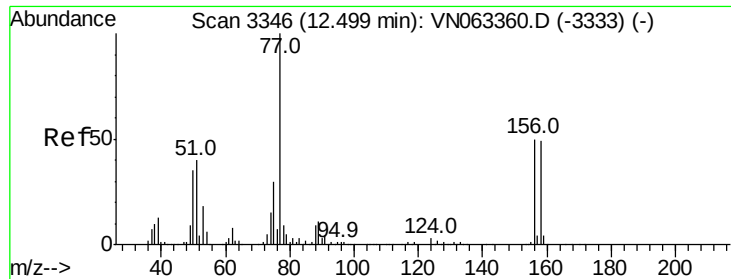
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 48.573 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

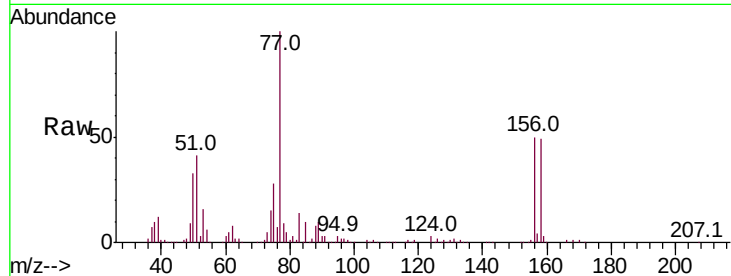
Tot Ion:156 Resp: 197228

Ion Ratio Lower Upper

156 100

77 233.3 120.2 360.6

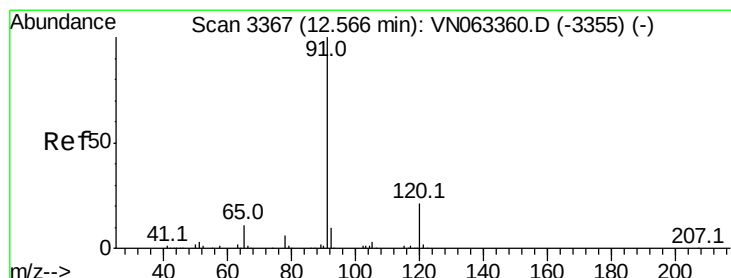
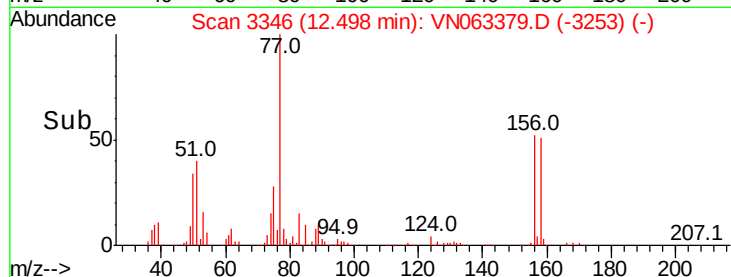
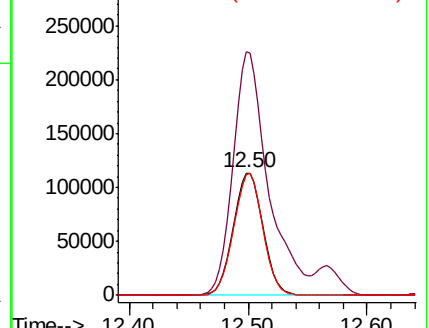
158 97.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.290 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063379.D

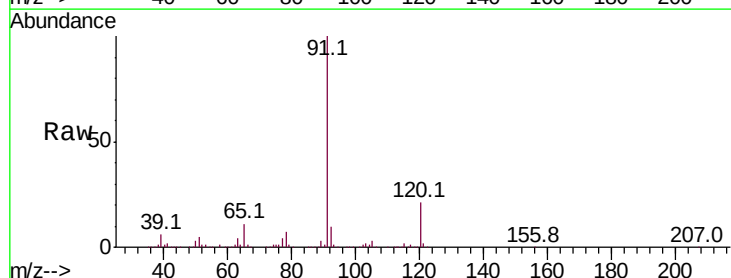
Acq: 16 Sep 2020 21:05

Tgt Ion: 91 Resp: 994245

Ion Ratio Lower Upper

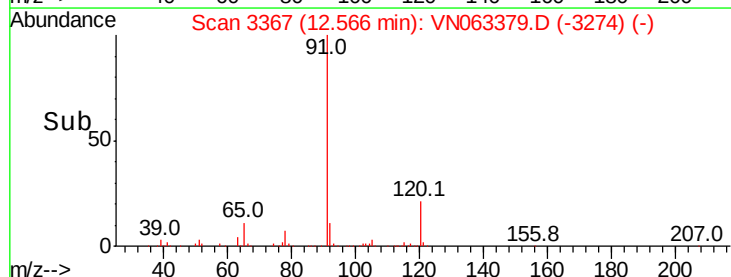
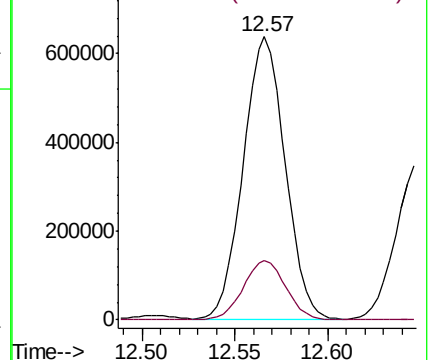
91 100

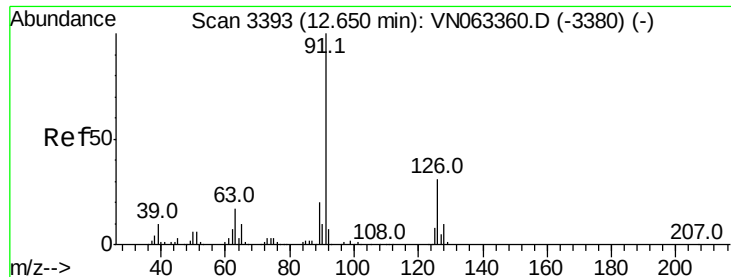
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.947 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

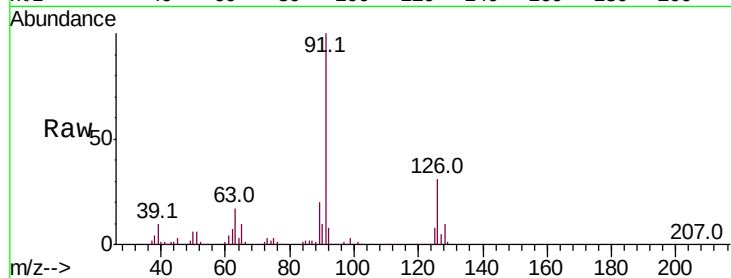
VSTDCCC050EC

Tot Ion: 91 Resp: 591668

Ion Ratio Lower Upper

91 100

126 31.5 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)

600000

500000

400000

300000

200000

100000

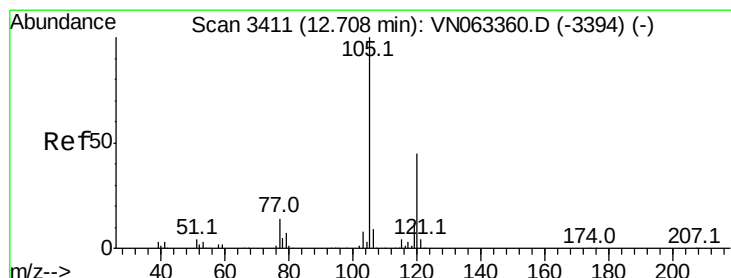
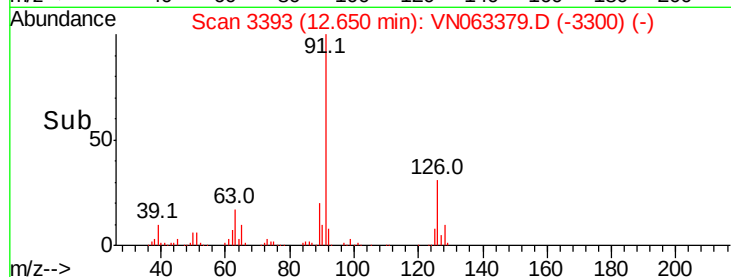
0

12.65

12.60

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.935 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063379.D

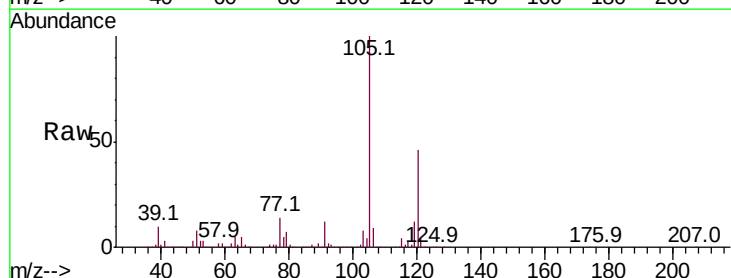
Acq: 16 Sep 2020 21:05

Tgt Ion:105 Resp: 721533

Ion Ratio Lower Upper

105 100

120 45.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)

500000

400000

300000

200000

100000

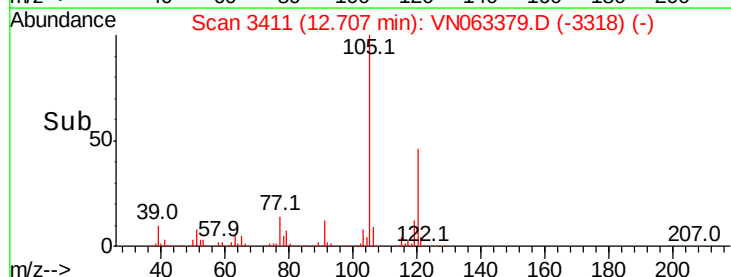
0

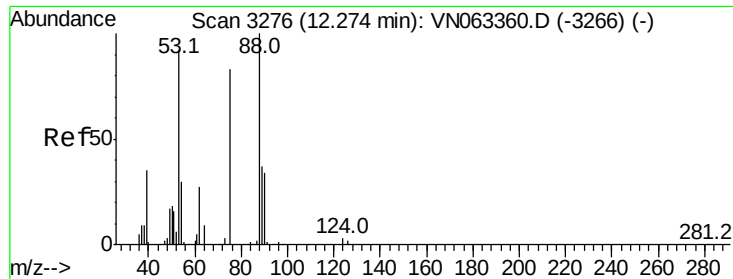
12.71

12.60

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 44.478 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

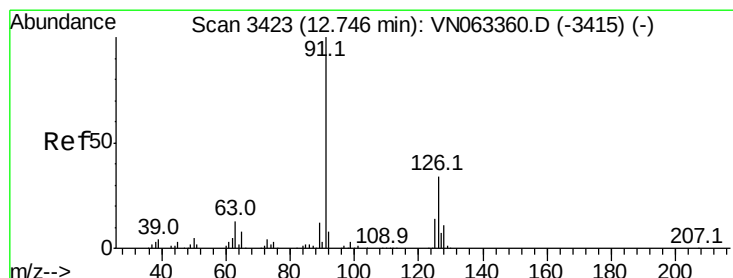
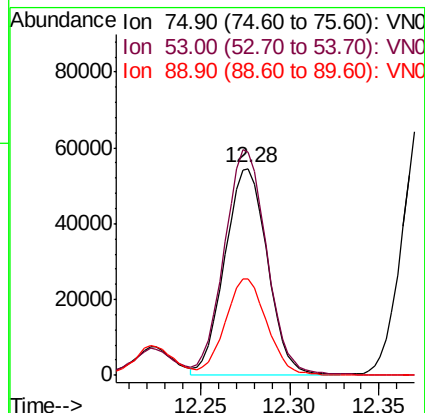
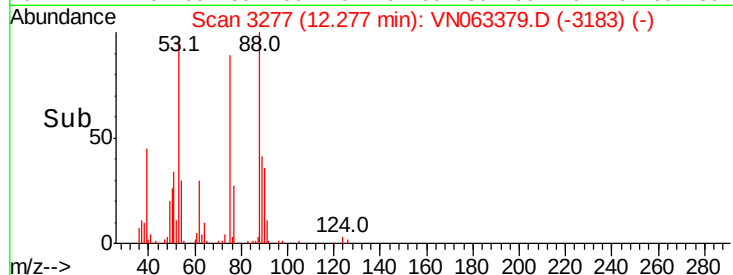
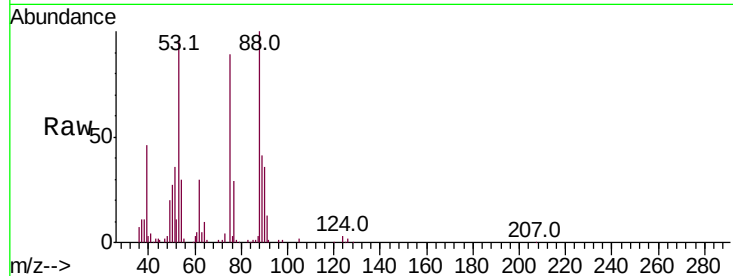
Tot Ion: 75 Resp: 90453

Ion Ratio Lower Upper

75 100

53 109.4 85.7 128.5

89 45.5 38.0 57.0



#82

4-Chlorotoluene

Concen: 47.037 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063379.D

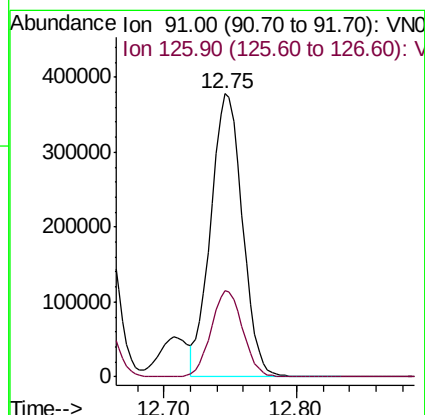
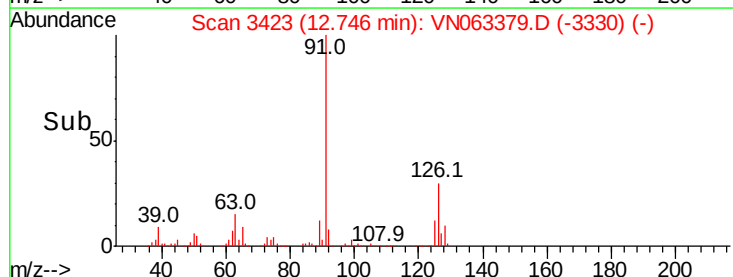
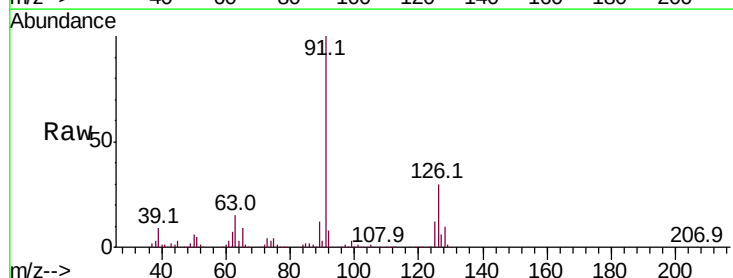
Acq: 16 Sep 2020 21:05

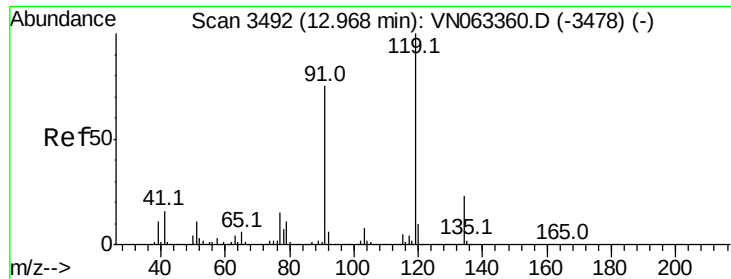
Tgt Ion: 91 Resp: 626354

Ion Ratio Lower Upper

91 100

126 30.2 15.5 46.5





#83

tert-Butylbenzene

Concen: 47.823 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

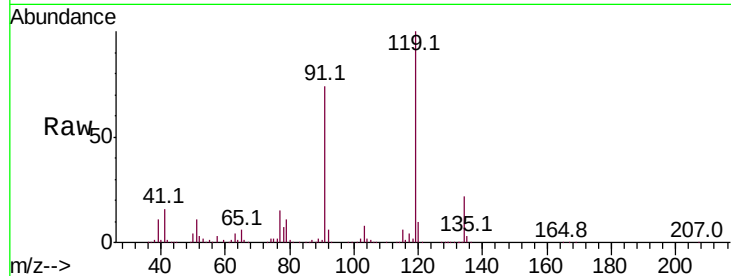
Tot Ion:119 Resp: 594111

Ion Ratio Lower Upper

119 100

91 72.2 36.3 108.9

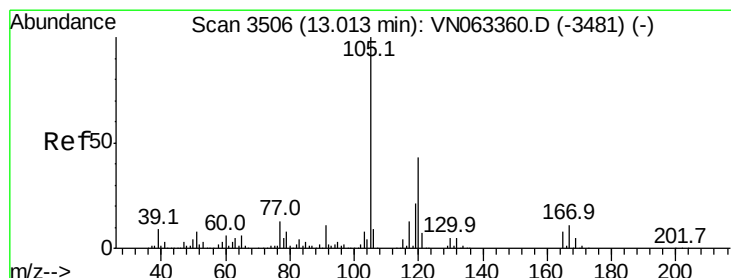
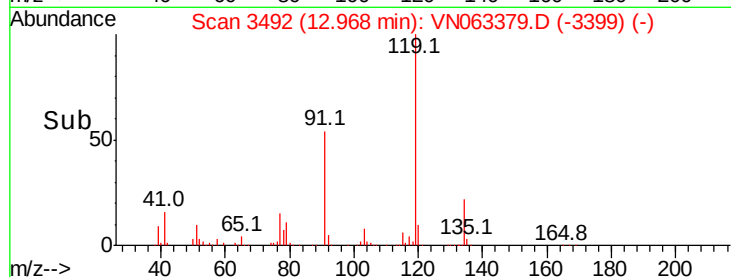
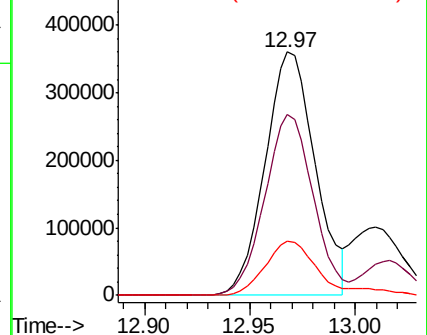
134 24.2 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.423 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063379.D

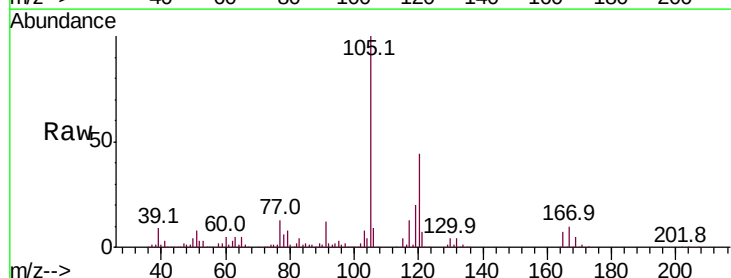
Acq: 16 Sep 2020 21:05

Tgt Ion:105 Resp: 721021

Ion Ratio Lower Upper

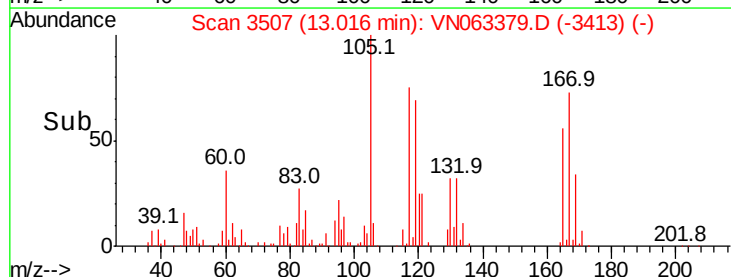
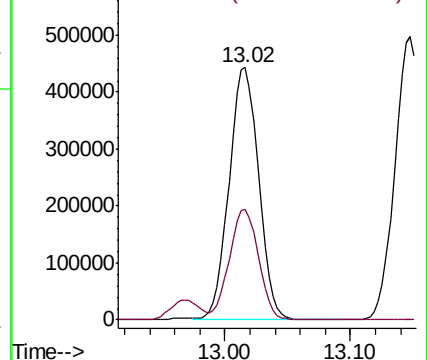
105 100

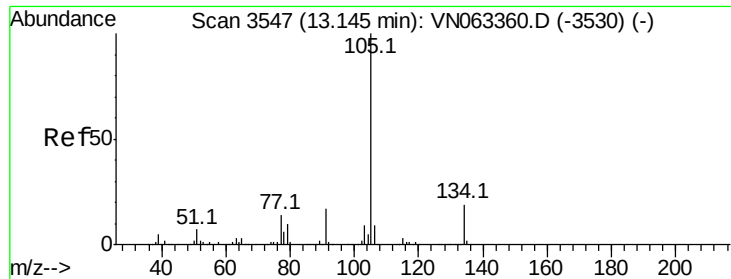
120 43.5 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.457 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

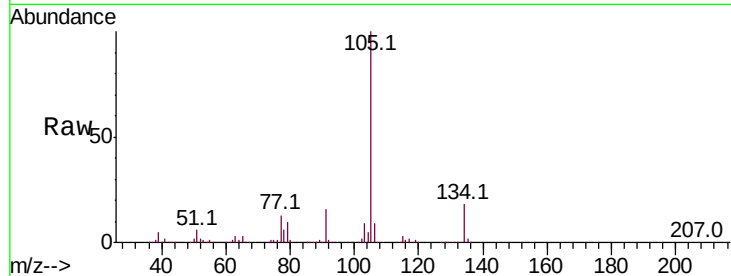
VSTDCCC050EC

Tot Ion:105 Resp: 789168

Ion Ratio Lower Upper

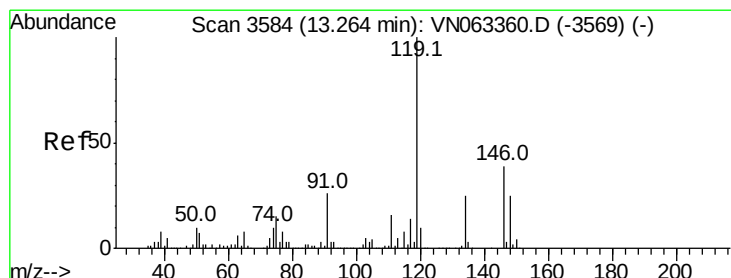
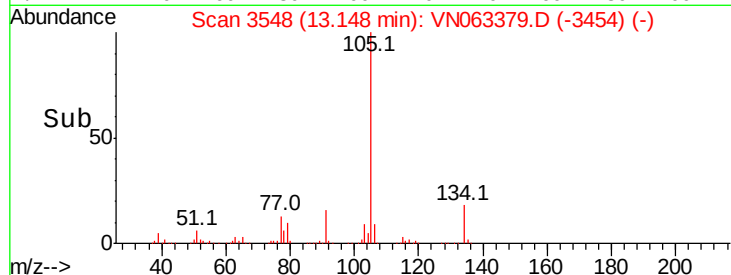
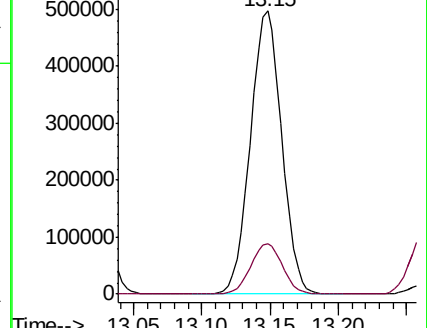
105 100

134 18.2 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.572 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

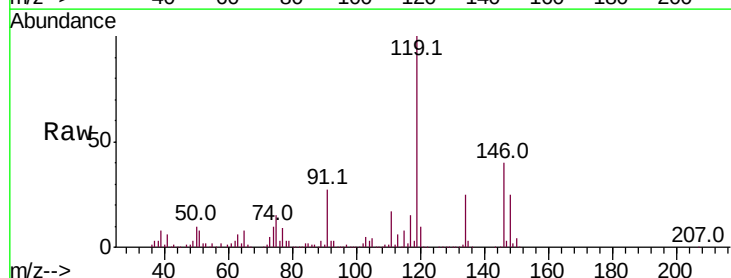
Tgt Ion:119 Resp: 697751

Ion Ratio Lower Upper

119 100

134 25.1 12.5 37.5

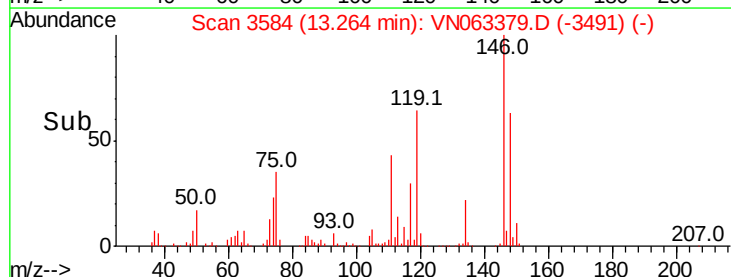
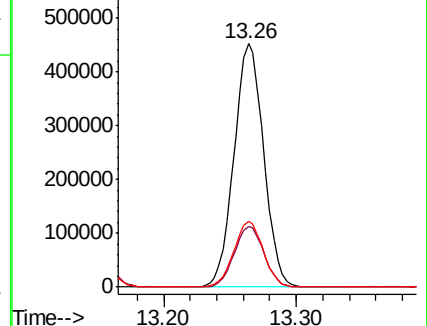
91 26.8 13.4 40.1

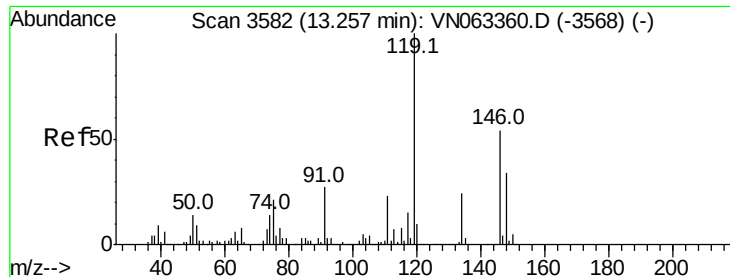


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.799 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

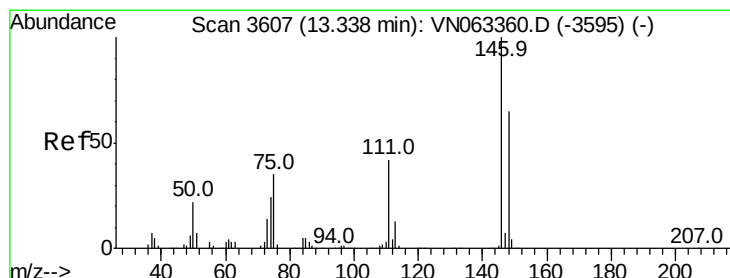
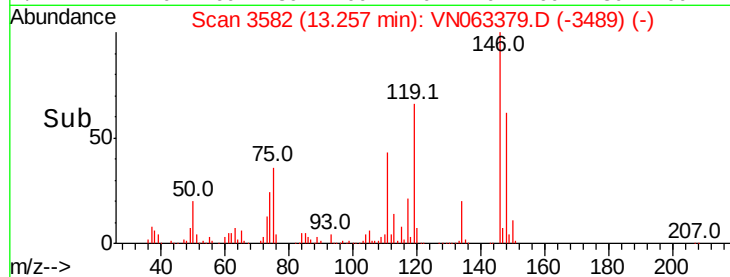
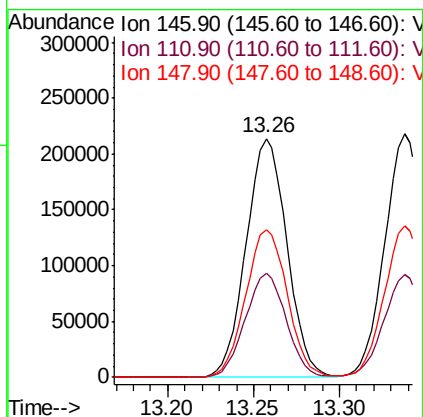
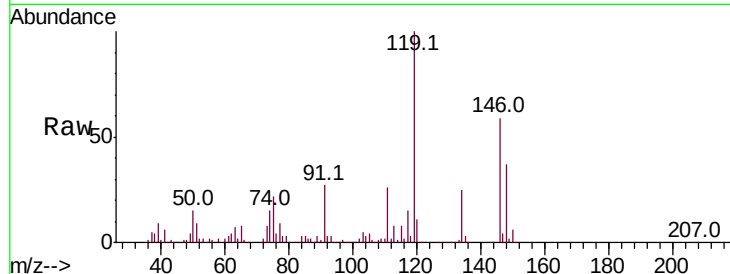
Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 352202

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.4	64.3
148	63.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 46.454 ug/l

RT: 13.34 min Scan# 3607

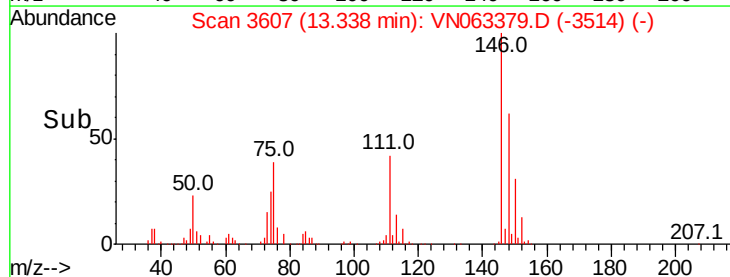
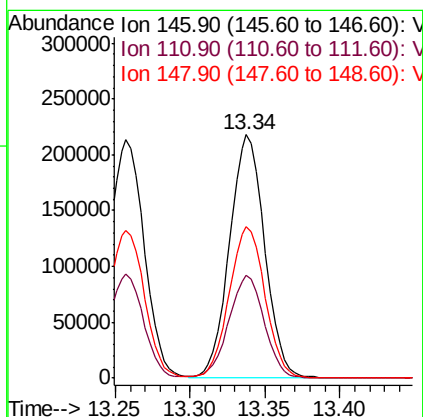
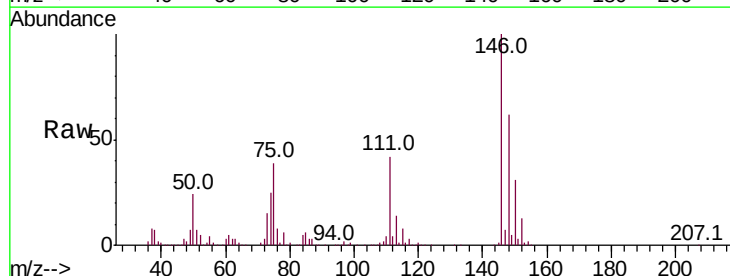
Delta R.T. -0.00 min

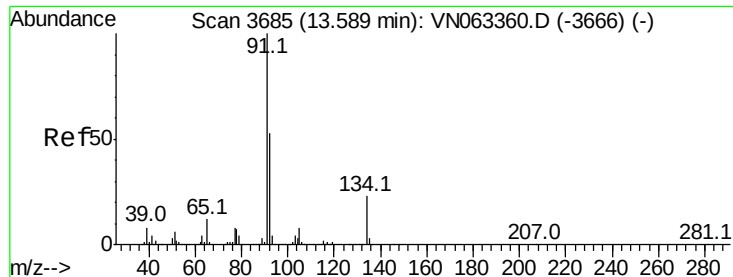
Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Tgt Ion:146 Resp: 355447

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.2	63.6
148	63.5	31.9	95.9





#89

n-Butylbenzene

Concen: 46.582 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

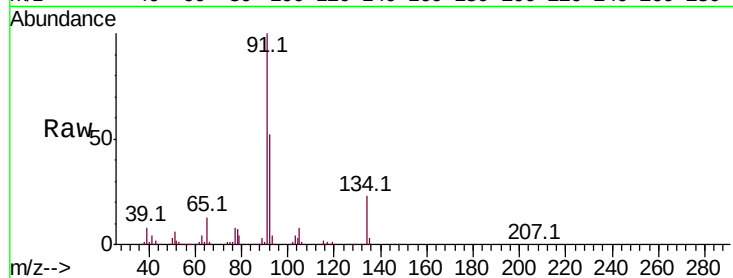
Tot Ion: 91 Resp: 629765

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

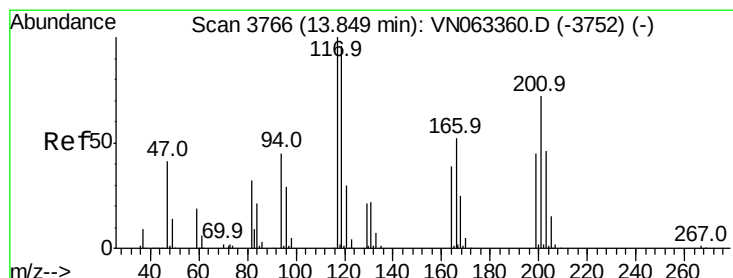
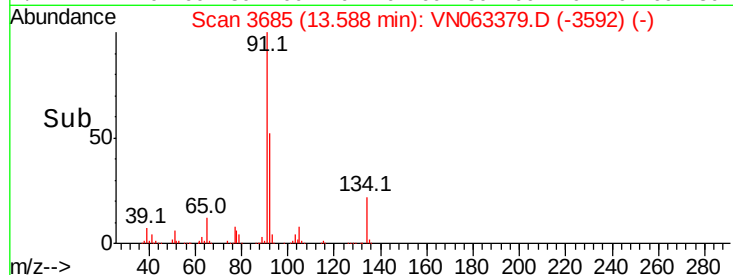
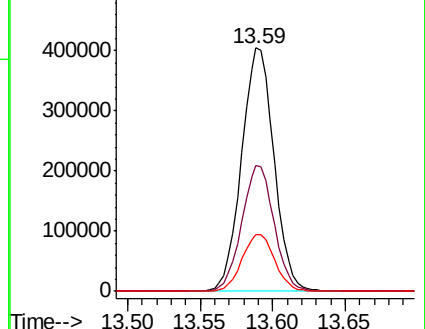
134 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063379.D (-3685) (-)

Ion 92.00 (91.70 to 92.70): VN063379.D (-3685) (-)

Ion 134.00 (133.70 to 134.70): VN063379.D (-3685) (-)



#90

Hexachloroethane

Concen: 47.008 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063379.D

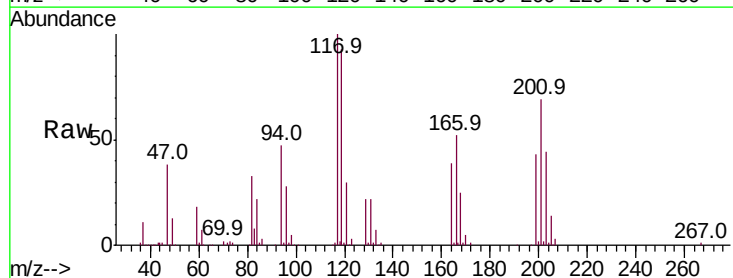
Acq: 16 Sep 2020 21:05

Tgt Ion: 117 Resp: 131286

Ion Ratio Lower Upper

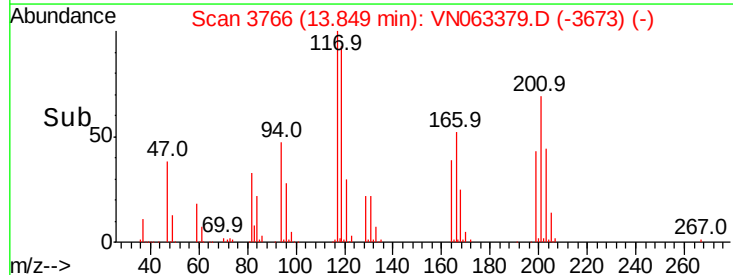
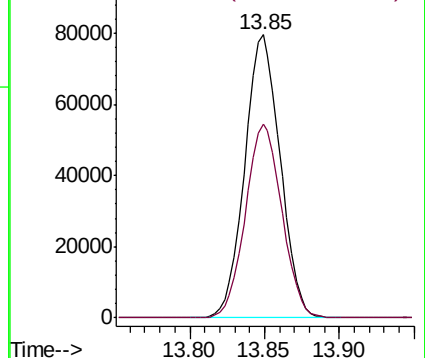
117 100

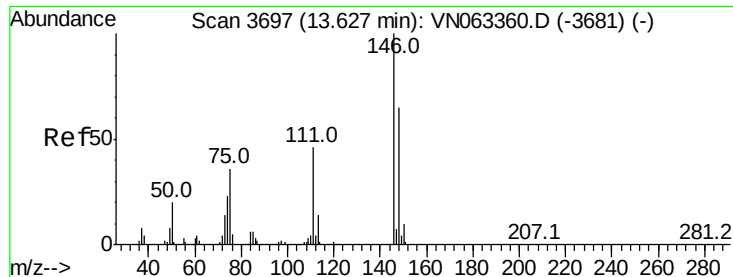
201 70.0 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063379.D (-3766) (-)

Ion 200.70 (200.40 to 201.40): VN063379.D (-3766) (-)





#91

1,2-Dichlorobenzene

Concen: 47.100 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

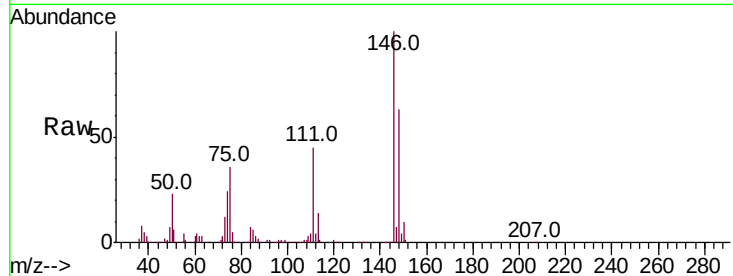
Tot Ion:146 Resp: 348014

Ion Ratio Lower Upper

146 100

111 45.0 22.4 67.2

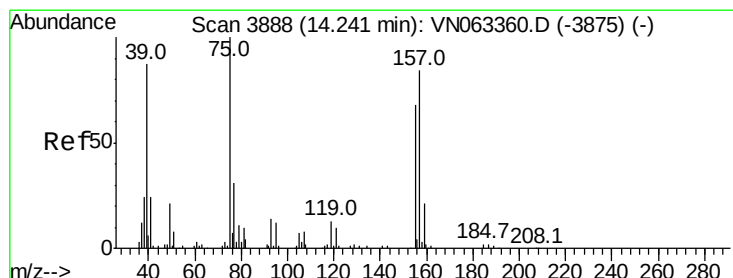
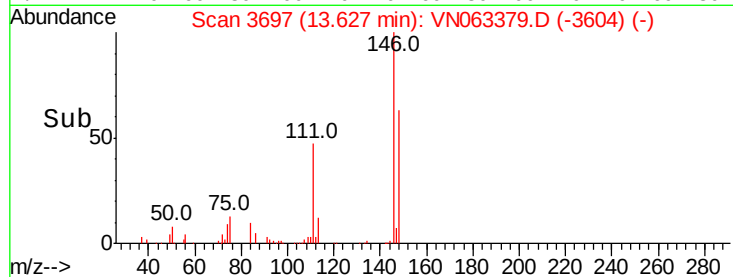
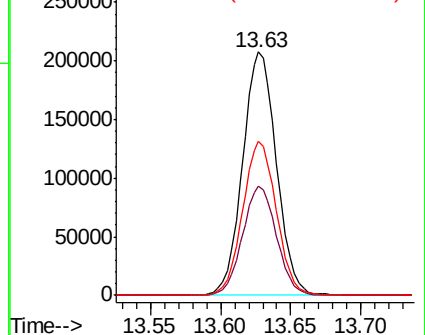
148 63.5 32.0 96.0



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: 44.407 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

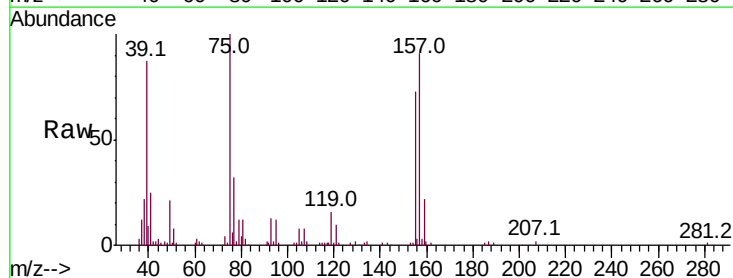
Tgt Ion: 75 Resp: 59102

Ion Ratio Lower Upper

75 100

155 69.0 34.6 103.9

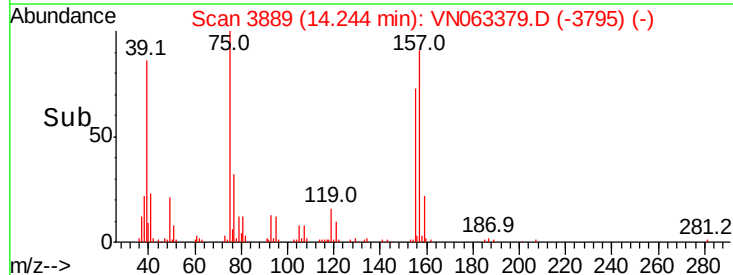
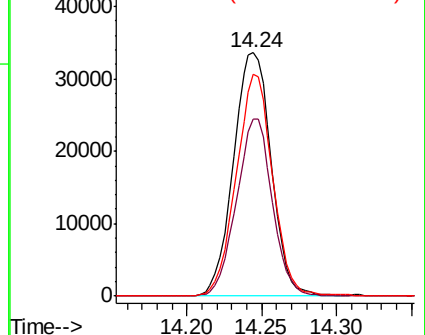
157 87.4 43.7 131.1

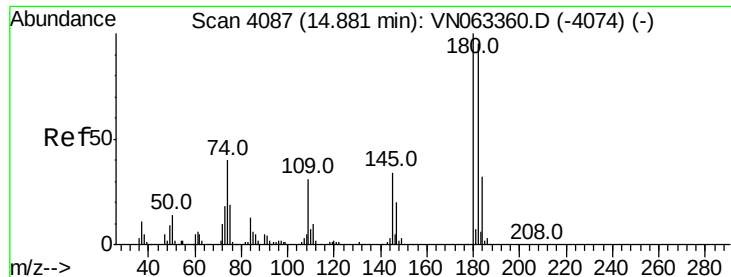


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

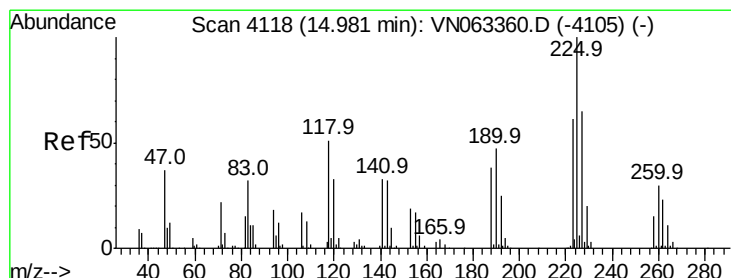
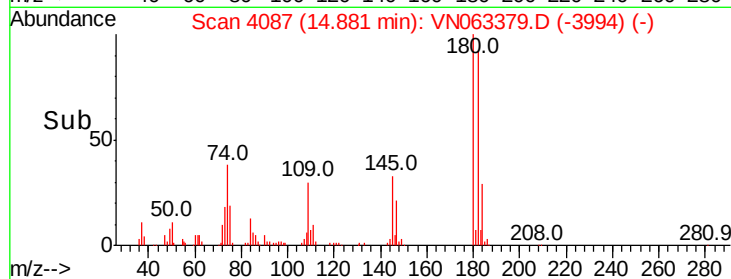
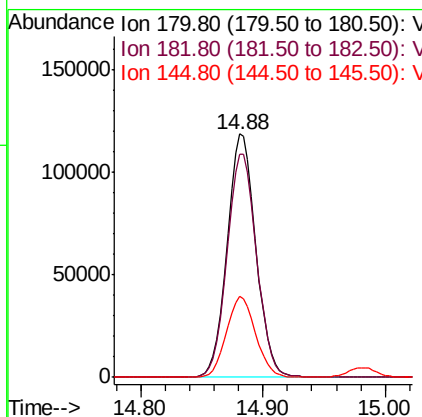
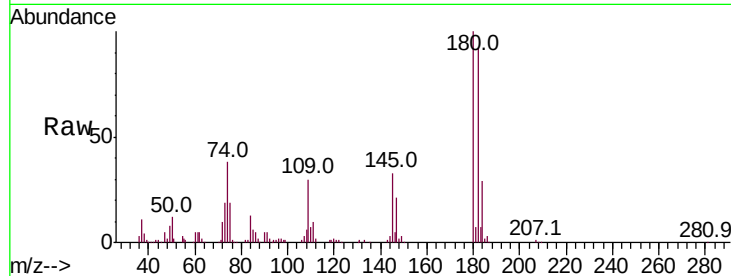




#93
 1,2,4-Trichlorobenzene
 Concen: 44.792 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063379.D
 Acq: 16 Sep 2020 21:05

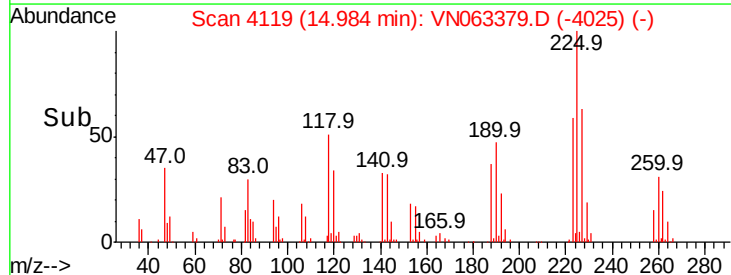
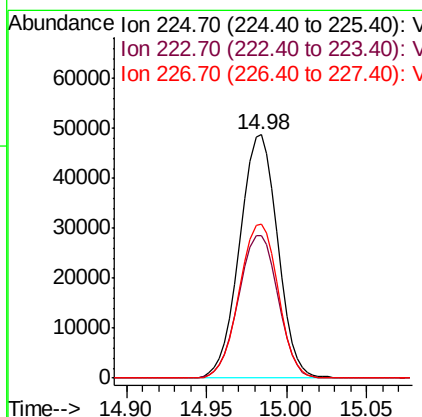
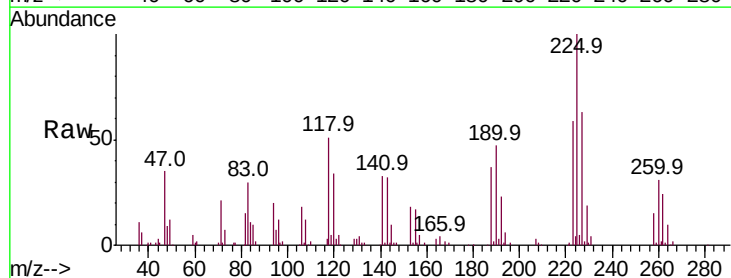
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

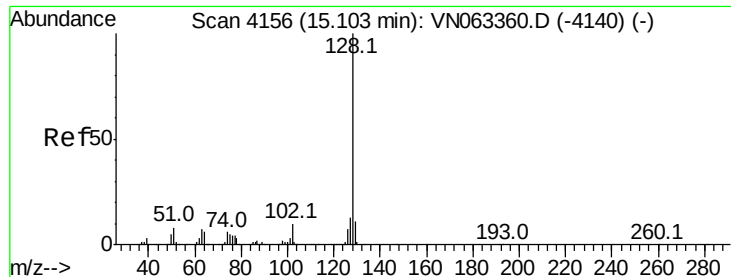
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	142.0
145	33.6	16.6	49.7



#94
 Hexachlorobutadiene
 Concen: 43.779 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063379.D
 Acq: 16 Sep 2020 21:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	30.6	91.6
227	64.7	31.2	93.6





#95

Naphthalene

Concen: 44.898 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

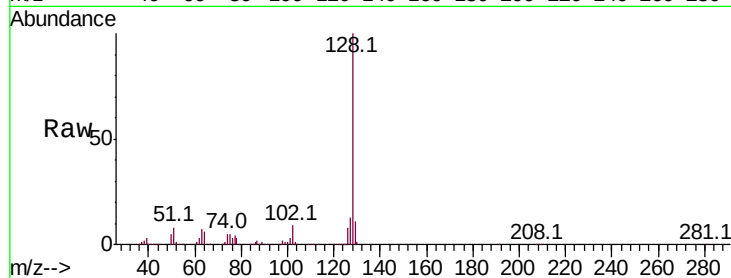
Tot Ion:128 Resp: 646130

Ion Ratio Lower Upper

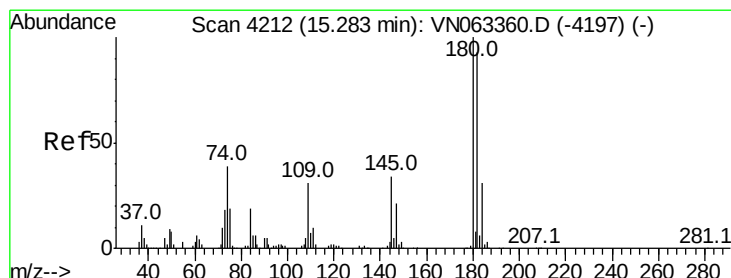
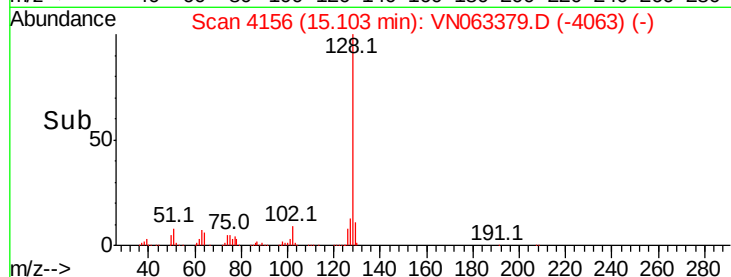
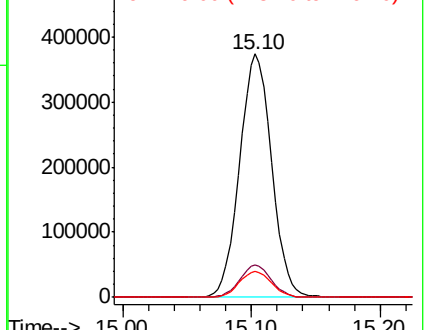
128 100

127 13.0 10.6 15.8

129 10.8 8.8 13.2



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: 43.594 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063379.D

Acq: 16 Sep 2020 21:05

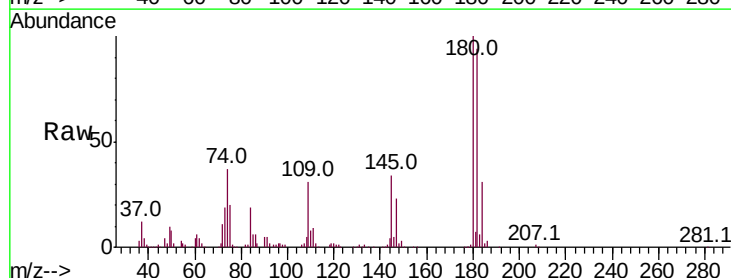
Tgt Ion:180 Resp: 183479

Ion Ratio Lower Upper

180 100

182 94.8 46.7 140.1

145 34.1 16.8 50.3



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

