

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063355.D
 Acq On : 14 Sep 2020 20:30
 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 15 05:14:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	463698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	836898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	773017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	357713	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	346924	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
35) Dibromofluoromethane	7.55	113	261328	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
50) Toluene-d8	10.06	98	1004172	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.38	95	369332	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	190744	42.831	ug/l	98
3) Chloromethane	2.04	50	292835	50.233	ug/l	99
4) Vinyl Chloride	2.16	62	304450	48.321	ug/l	97
5) Bromomethane	2.53	94	195720	44.524	ug/l	99
6) Chloroethane	2.67	64	196650	47.713	ug/l	96
7) Trichlorofluoromethane	2.99	101	450993	46.288	ug/l	99
8) Diethyl Ether	3.38	74	158740	45.692	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	231024	45.384	ug/l	99
10) Methyl Iodide	3.91	142	328183	49.735	ug/l	98
11) Tert butyl alcohol	4.72	59	222118	230.600	ug/l	100
12) 1,1-Dichloroethene	3.70	96	233277	45.909	ug/l	95
13) Acrolein	3.57	56	177468	326.557	ug/l	99
14) Allyl chloride	4.28	41	454121	43.535	ug/l	98
15) Acrylonitrile	4.93	53	646087	245.326	ug/l	99
16) Acetone	3.77	43	565058	224.617	ug/l	99
17) Carbon Disulfide	4.02	76	670691	46.585	ug/l	99
18) Methyl Acetate	4.28	43	304938	48.220	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	850047	46.816	ug/l	98
20) Methylene Chloride	4.51	84	283877	49.553	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	260699	45.846	ug/l	98
22) Diisopropyl ether	5.90	45	974323	47.463	ug/l	95
23) Vinyl Acetate	5.84	43	4049268	250.602	ug/l	100
24) 1,1-Dichloroethane	5.80	63	521913	46.948	ug/l	99
25) 2-Butanone	6.78	43	891521	239.910	ug/l	99
26) 2,2-Dichloropropane	6.78	77	391603	40.190	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	304012	45.873	ug/l	97
28) Bromochloromethane	7.15	49	248521	46.102	ug/l	100
29) Tetrahydrofuran	7.16	42	594404	245.654	ug/l	99
30) Chloroform	7.33	83	523155	47.001	ug/l	99
31) Cyclohexane	7.61	56	449448	43.986	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	452006	46.584	ug/l	99
36) 1,1-Dichloropropene	7.75	75	391248	45.481	ug/l	100
37) Ethyl Acetate	6.88	43	399644	47.222	ug/l	99
38) Carbon Tetrachloride	7.74	117	388908	45.935	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	410069	43.696	ug/l	99
40) Benzene	8.00	78	1142237	46.489	ug/l	100
41) Methacrylonitrile	7.16	41	555343	145.070	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	433929	46.549	ug/l	99
43) Isopropyl Acetate	8.13	43	679570	47.416	ug/l #	92
44) Trichloroethene	8.80	130	298097	46.393	ug/l	100
45) 1,2-Dichloropropane	9.08	63	312380	46.351	ug/l	99
46) Dibromomethane	9.17	93	203757	46.624	ug/l	99
47) Bromodichloromethane	9.37	83	428828	47.086	ug/l	97
48) Methyl methacrylate	9.17	41	321791	47.055	ug/l	98
49) 1,4-Dioxane	9.17	88	90906	858.561	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	2002218	253.495	ug/l	99
52) Toluene	10.13	92	708352	47.220	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	464333	46.754	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	493739	46.173	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	280644	47.743	ug/l	97
56) Ethyl methacrylate	10.40	69	436815	48.866	ug/l	100
57) 1,3-Dichloropropane	10.68	76	493696	48.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1062074	221.505	ug/l	99
59) 2-Hexanone	10.72	43	1462536	251.071	ug/l	99
60) Dibromochloromethane	10.87	129	313868	48.624	ug/l	100
61) 1,2-Dibromoethane	10.98	107	291576	47.580	ug/l	100
64) Tetrachloroethene	10.60	164	304342	48.060	ug/l	99
65) Chlorobenzene	11.41	112	754121	45.315	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	281112	46.363	ug/l	99
67) Ethyl Benzene	11.49	91	1397533	46.778	ug/l	99
68) m/p-Xylenes	11.60	106	1021279	92.413	ug/l	98
69) o-Xylene	11.92	106	493521	46.534	ug/l	99
70) Styrene	11.94	104	843761	47.868	ug/l	99
71) Bromoform	12.10	173	202556	48.300	ug/l #	99
73) Isopropylbenzene	12.23	105	1322673	45.842	ug/l	100
74) N-amyl acetate	12.05	43	595009	50.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	379595	45.937	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	549225	69.595	ug/l #	100
77) Bromobenzene	12.50	156	308783	46.558	ug/l	98
78) n-propylbenzene	12.57	91	1531795	46.733	ug/l	100
79) 2-Chlorotoluene	12.65	91	915214	45.411	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1121261	46.801	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	134290	45.720	ug/l	99
82) 4-Chlorotoluene	12.75	91	939652	44.477	ug/l	100
83) tert-Butylbenzene	12.97	119	921939	45.374	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	1139493	47.187	ug/l	100
85) sec-Butylbenzene	13.15	105	1217257	47.088	ug/l	100
86) p-Isopropyltoluene	13.26	119	1094155	46.169	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	551516	45.487	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	551693	47.532	ug/l	99
89) n-Butylbenzene	13.59	91	966599	45.182	ug/l	100
90) Hexachloroethane	13.85	117	189377	48.580	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	545868	45.551	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	85872	45.699	ug/l	99

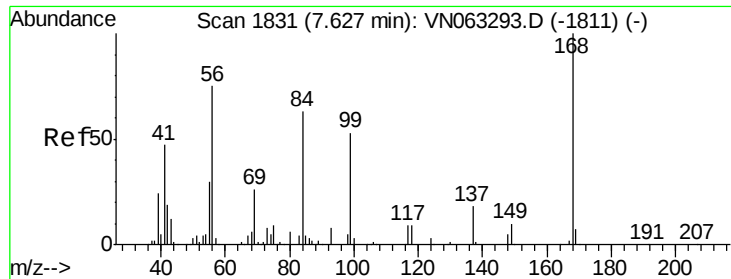
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
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Acq On : 14 Sep 2020 20:30
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	287902	41.044	ug/l	99
94) Hexachlorobutadiene	14.98	225	111477	43.934	ug/l	98
95) Naphthalene	15.10	128	943355	44.685	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	272762	43.217	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

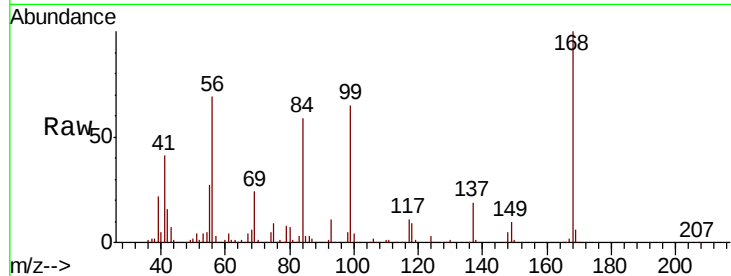
VSTDCCC050EC

Tot Ion:168 Resp: 463698

Ion Ratio Lower Upper

168 100

99 64.8 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

200000

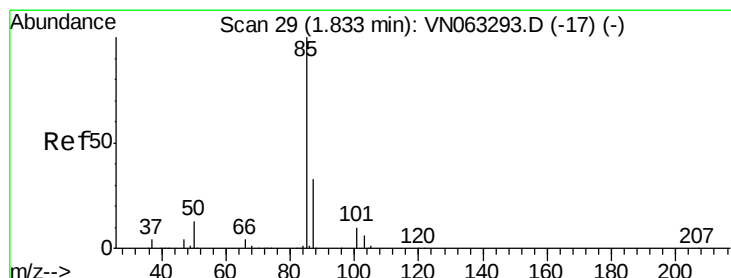
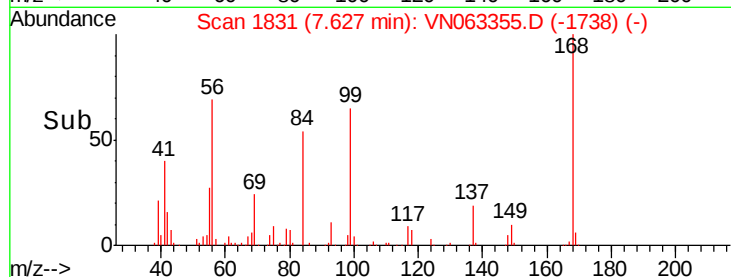
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 42.831 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063355.D

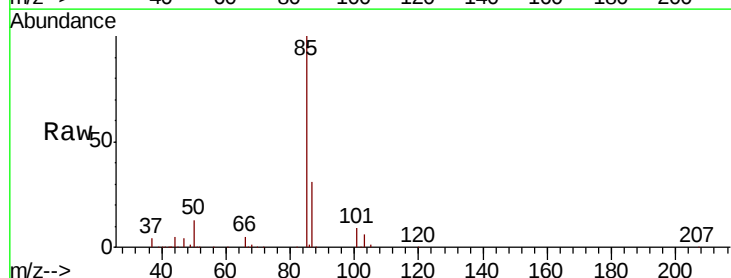
Acq: 14 Sep 2020 20:30

Tgt Ion: 85 Resp: 190744

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

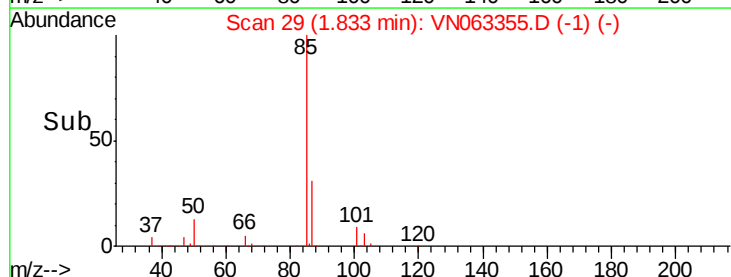
150000

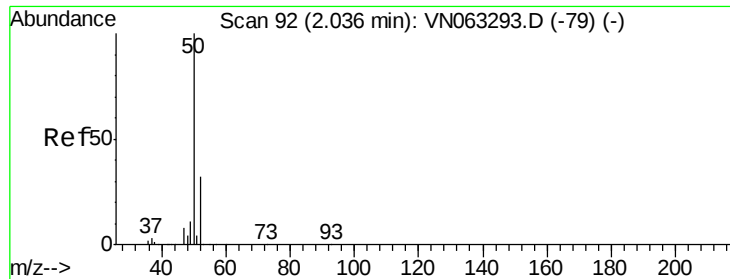
100000

50000

0

Time--> 1.75 1.80 1.85 1.90

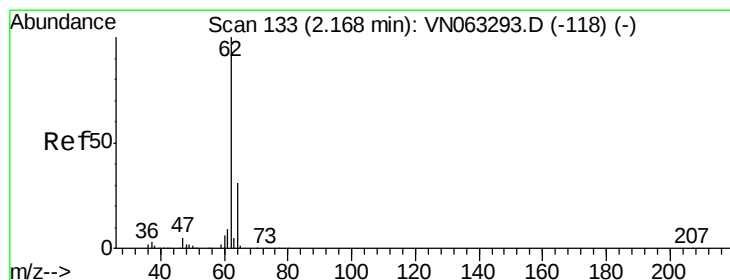
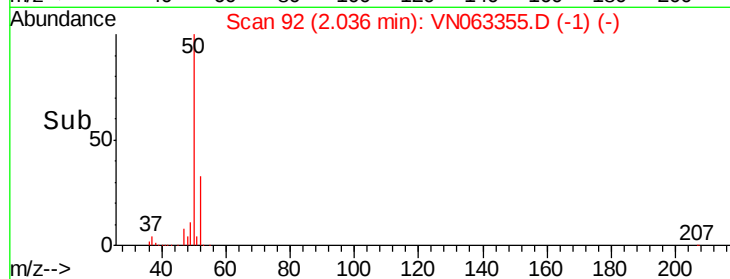
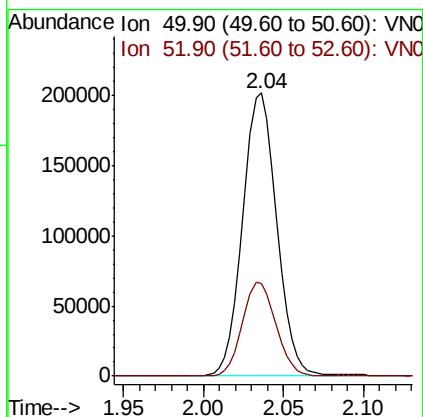
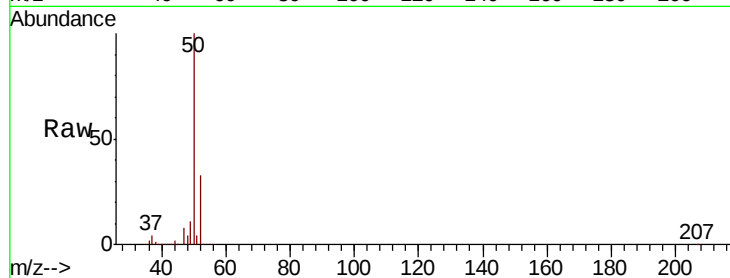




#3
 Chloromethane
 Concen: 50.233 ug/l
 RT: 2.04 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

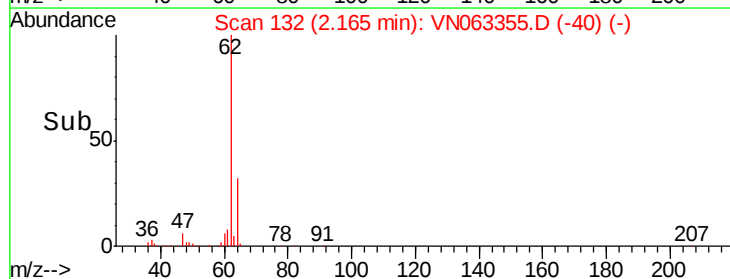
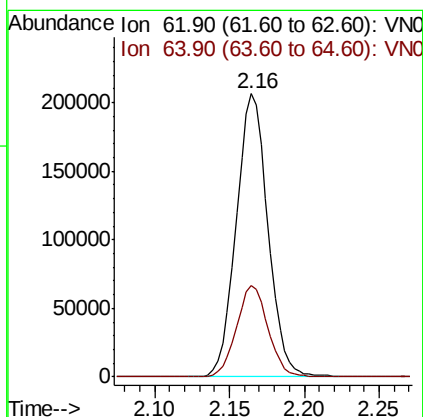
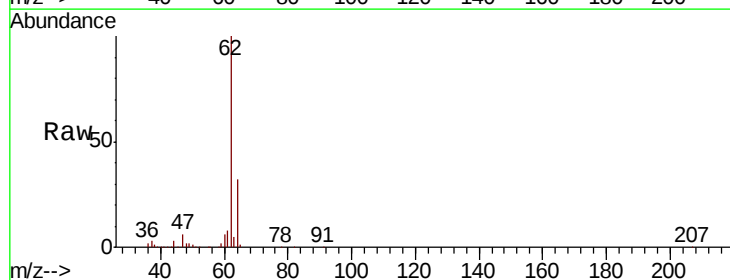
Instrument :
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 VSTDCCC050EC

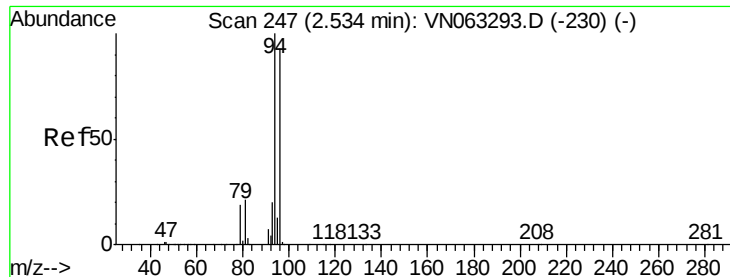
Tot Ion: 50 Resp: 292835
 Ion Ratio Lower Upper
 50 100
 52 32.6 25.4 38.2



#4
 Vinyl Chloride
 Concen: 48.321 ug/l
 RT: 2.16 min Scan# 132
 Delta R.T. -0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Tgt Ion: 62 Resp: 304450
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.6 37.0





#5

Bromomethane

Concen: 44.524 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

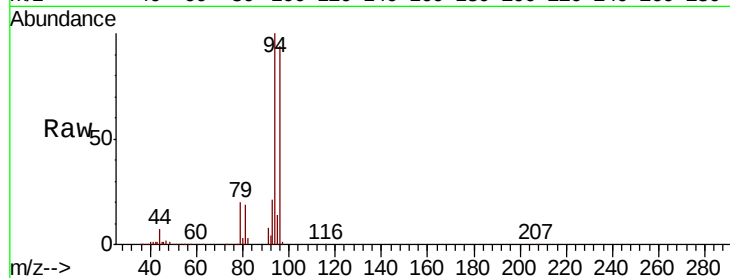
VSTDCCC050EC

Tot Ion: 94 Resp: 195720

Ion Ratio Lower Upper

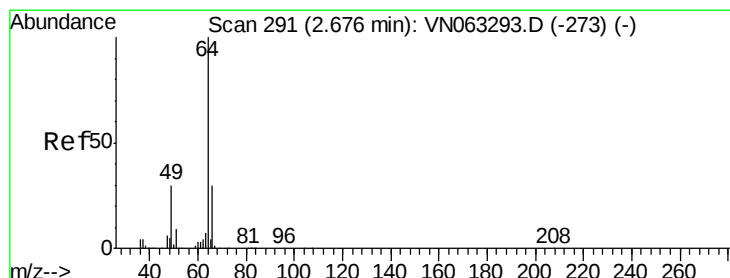
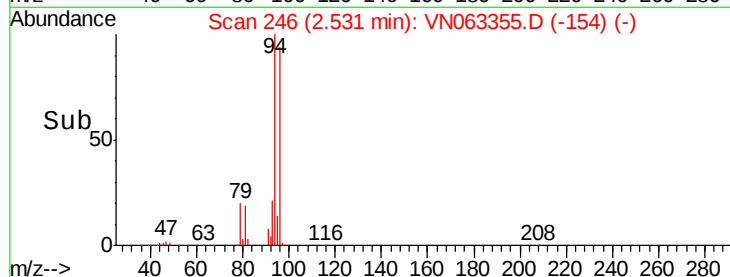
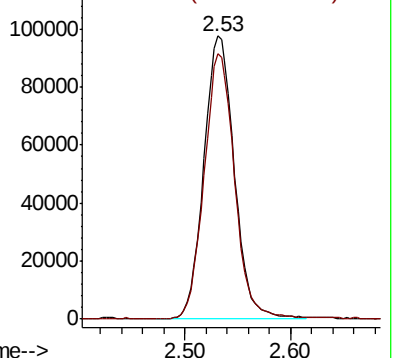
94 100

96 93.8 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.713 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063355.D

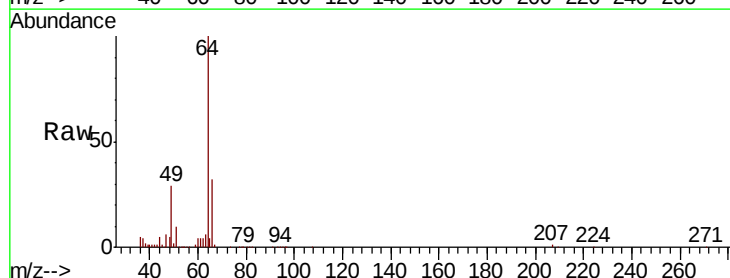
Acq: 14 Sep 2020 20:30

Tgt Ion: 64 Resp: 196650

Ion Ratio Lower Upper

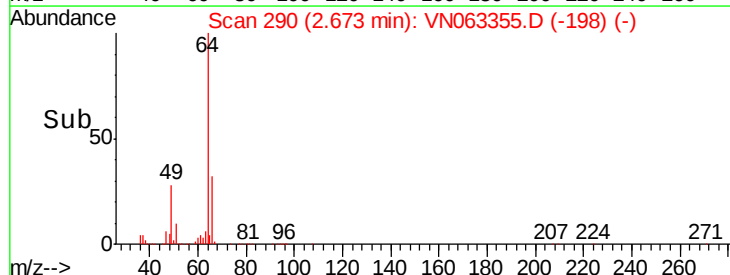
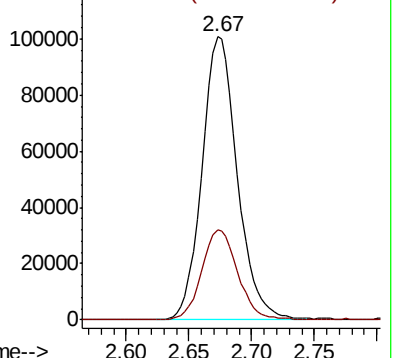
64 100

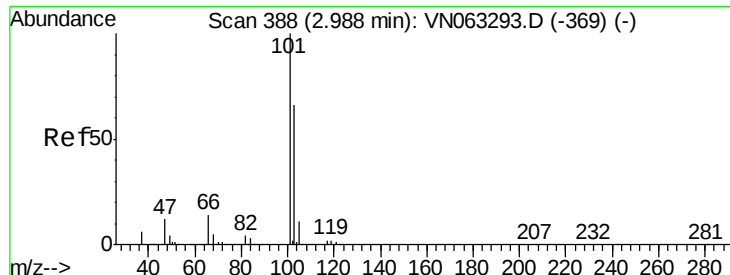
66 31.6 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



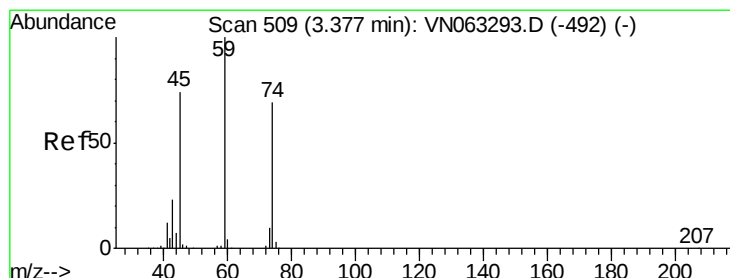
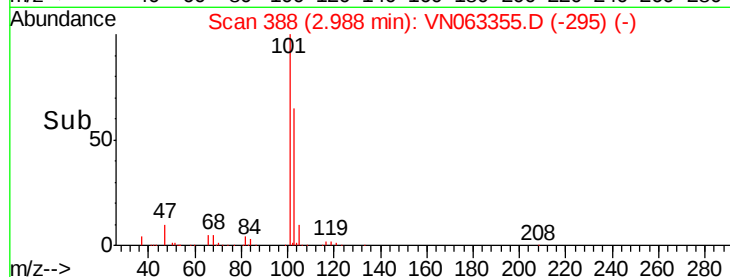
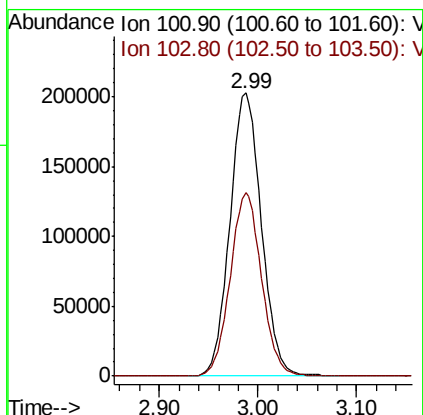
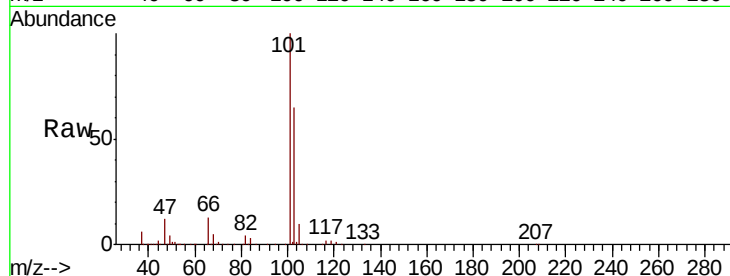


#7

Trichlorofluoromethane
Concen: 46.288 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Instrument :
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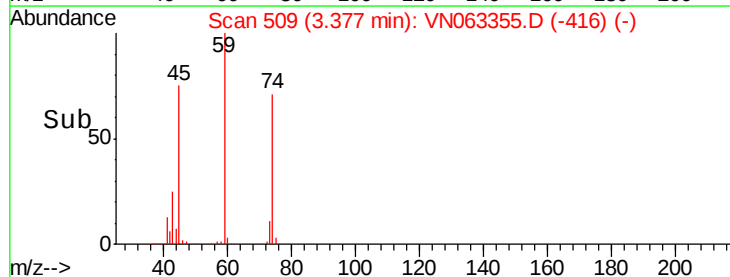
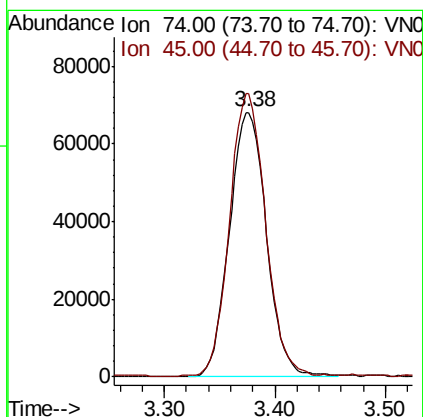
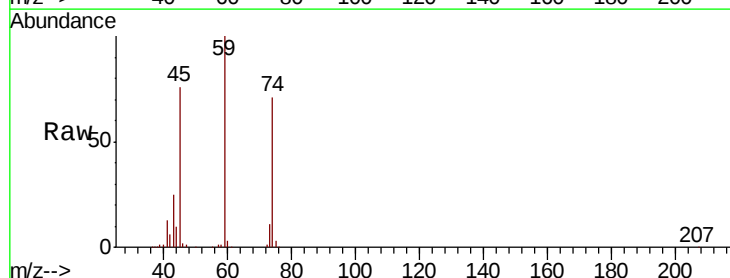
Tot Ion:101 Resp: 450993
Ion Ratio Lower Upper
101 100
103 64.6 52.4 78.6

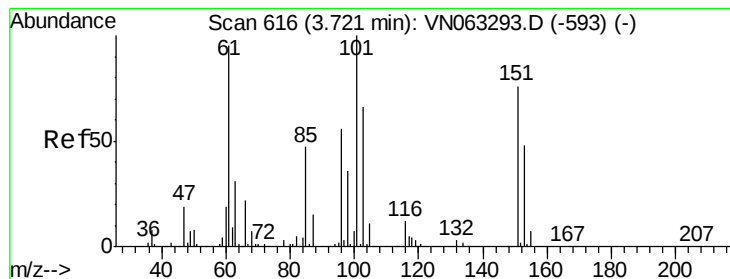


#8

Diethyl Ether
Concen: 45.692 ug/l
RT: 3.38 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion: 74 Resp: 158740
Ion Ratio Lower Upper
74 100
45 104.8 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.384 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

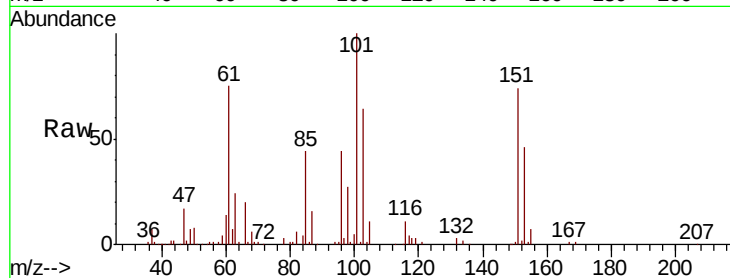
Tot Ion:101 Resp: 231024

Ion Ratio Lower Upper

101 100

85 45.7 36.9 55.3

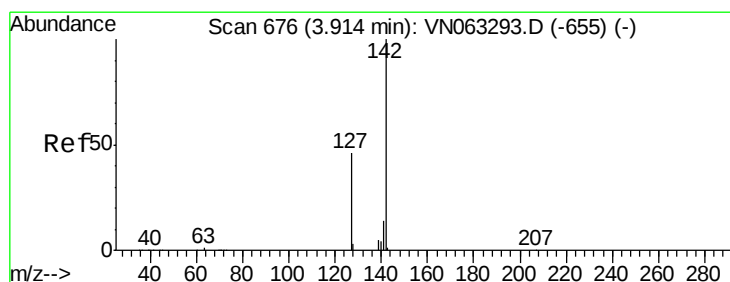
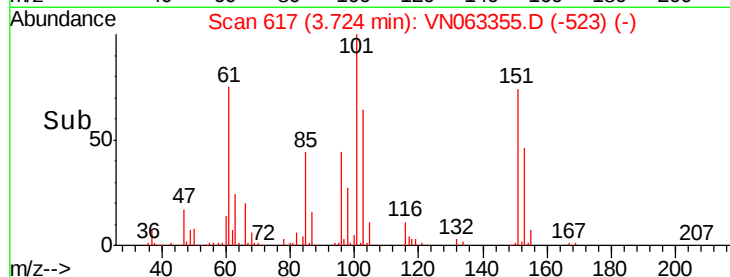
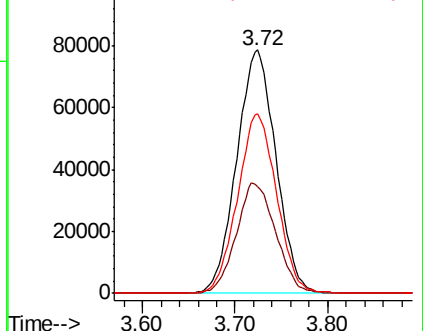
151 73.3 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.735 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

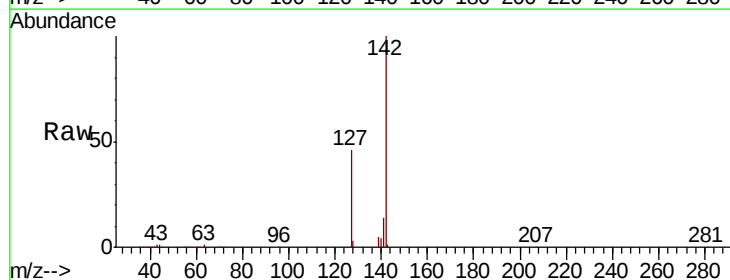
Tgt Ion:142 Resp: 328183

Ion Ratio Lower Upper

142 100

127 47.9 37.1 55.7

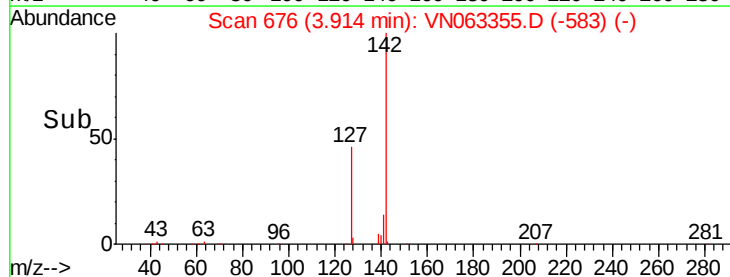
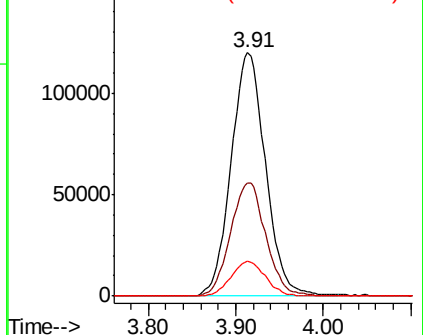
141 14.4 11.6 17.4

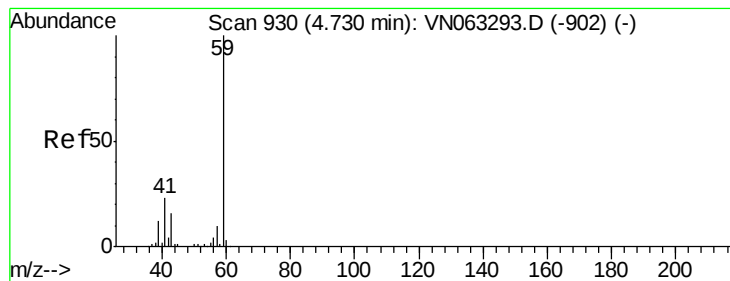


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



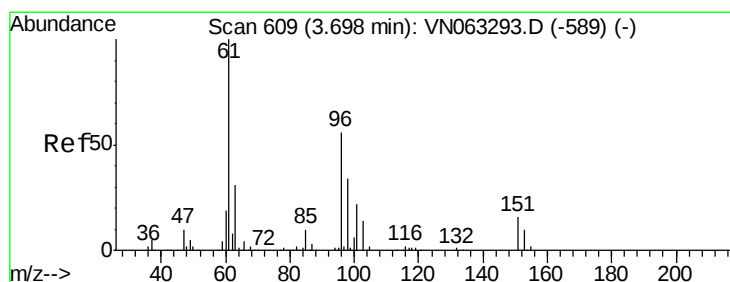
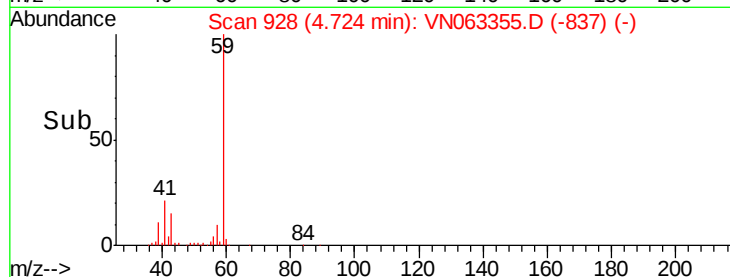
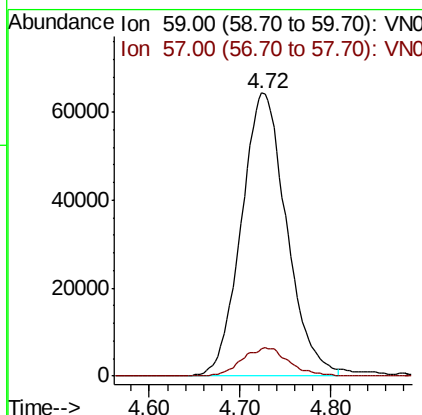
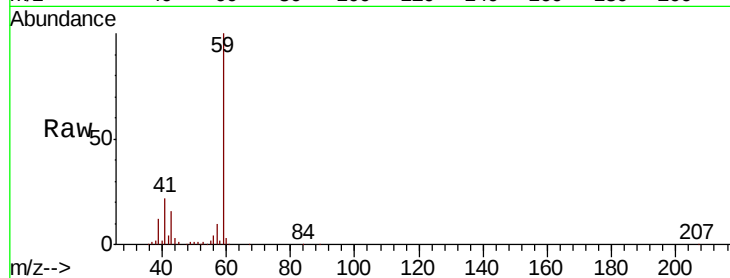


#11

Tert butyl alcohol
 Concen: 230.600 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

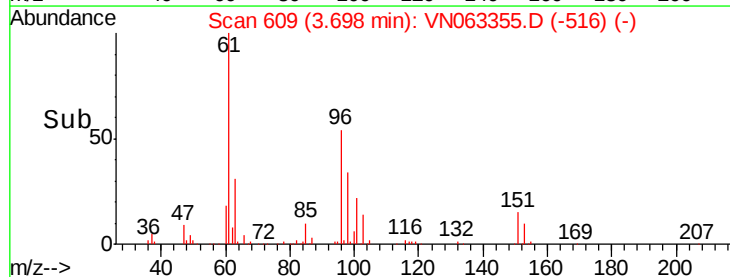
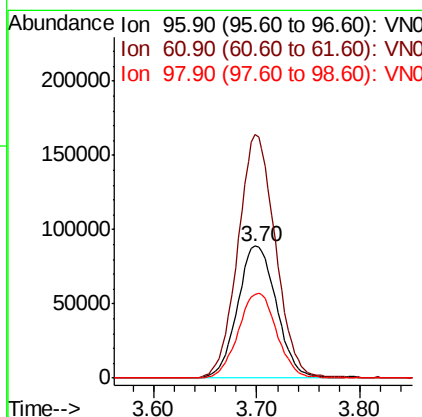
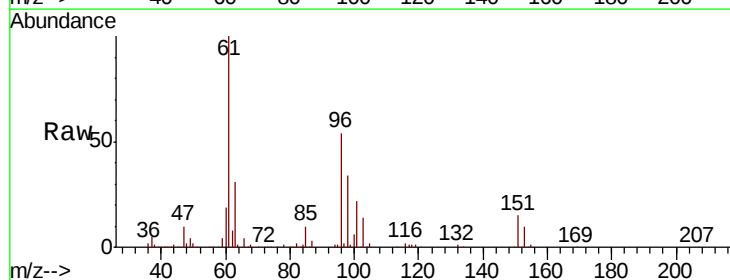
Tot Ion: 59 Resp: 222118
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

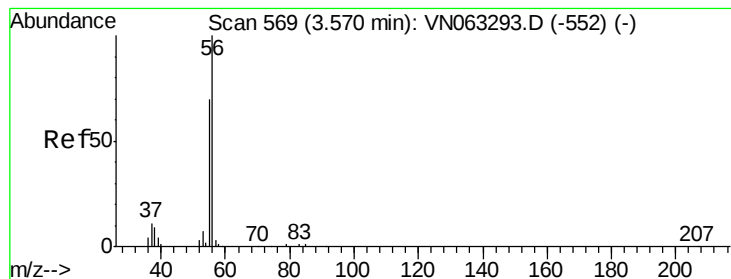


#12

1,1-Dichloroethene
 Concen: 45.909 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Tgt Ion: 96 Resp: 233277
 Ion Ratio Lower Upper
 96 100
 61 184.9 142.1 213.1
 98 63.5 48.8 73.2





#13

Acrolein

Concen: 326.557 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

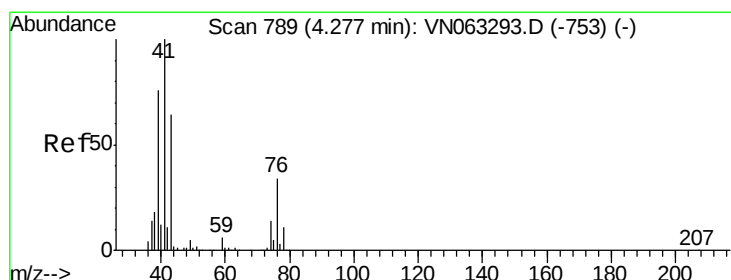
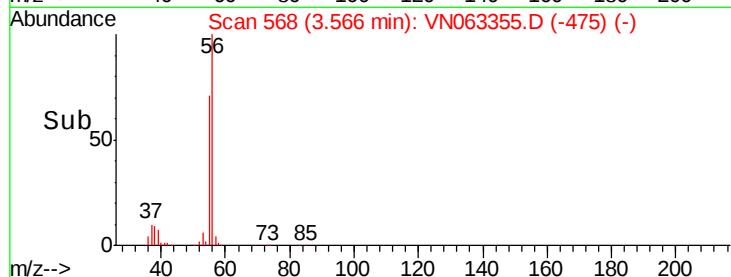
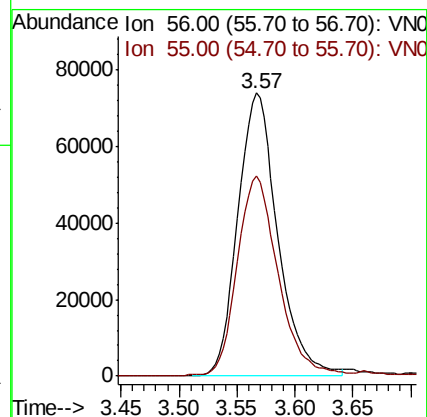
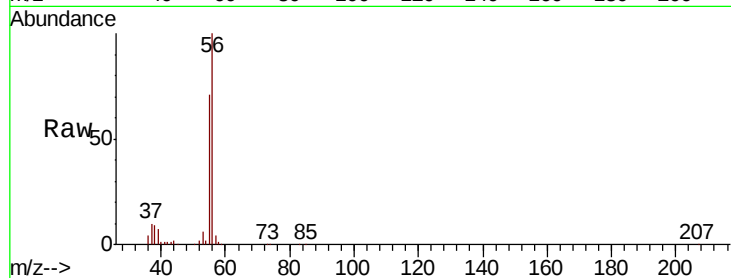
VSTDCCC050EC

Tot Ion: 56 Resp: 177468

Ion Ratio Lower Upper

56 100

55 70.8 57.2 85.8



#14

Allyl chloride

Concen: 43.535 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

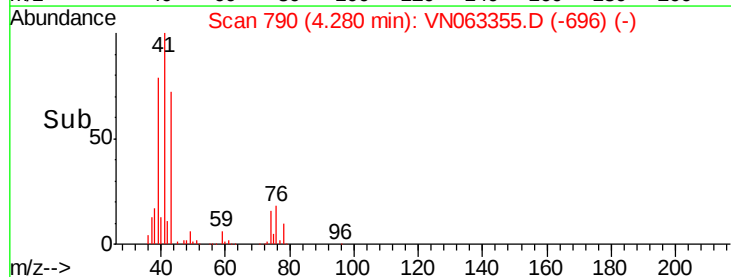
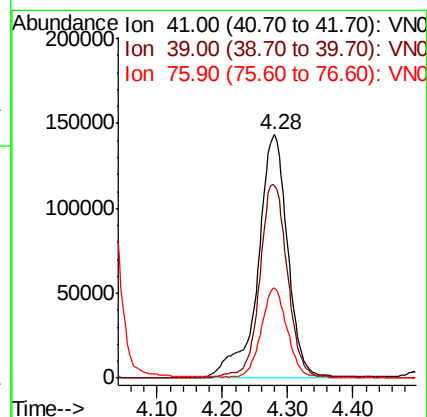
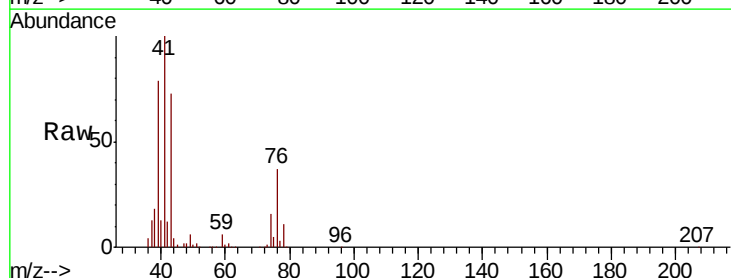
Tgt Ion: 41 Resp: 454121

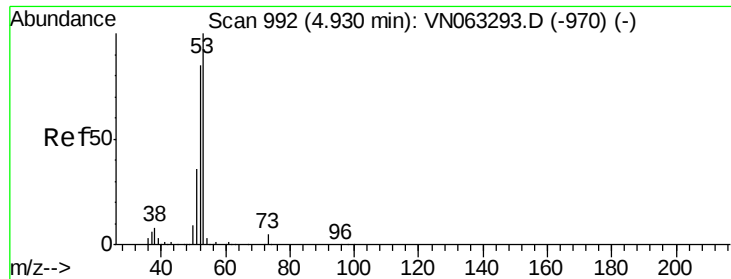
Ion Ratio Lower Upper

41 100

39 74.1 57.4 86.2

76 31.4 25.7 38.5





#15

Acrylonitrile

Concen: 245.326 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

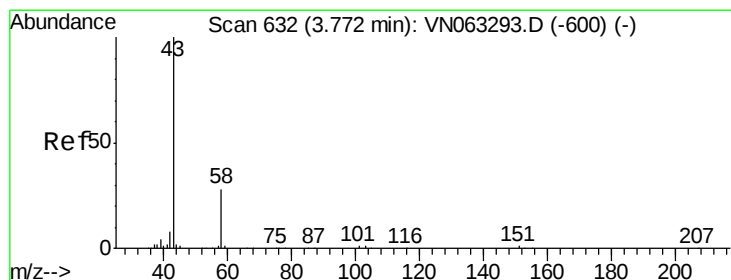
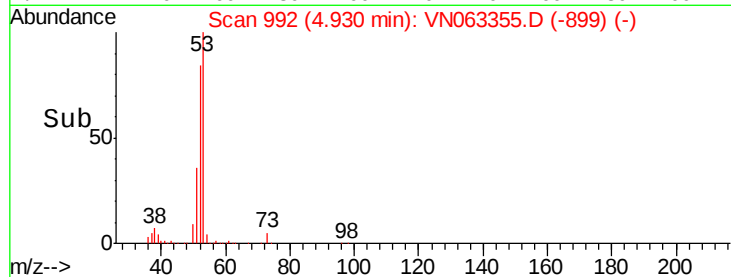
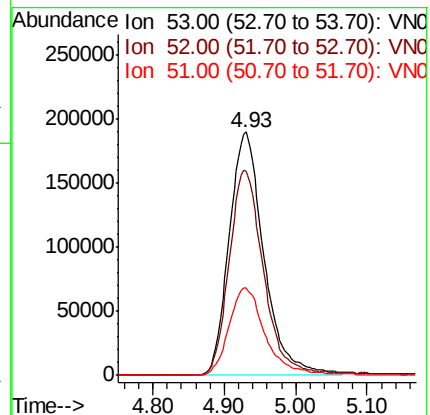
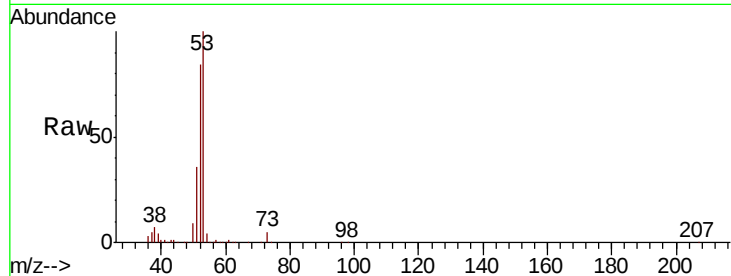
Tot Ion: 53 Resp: 646087

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

51 37.4 29.8 44.6



#16

Acetone

Concen: 224.617 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063355.D

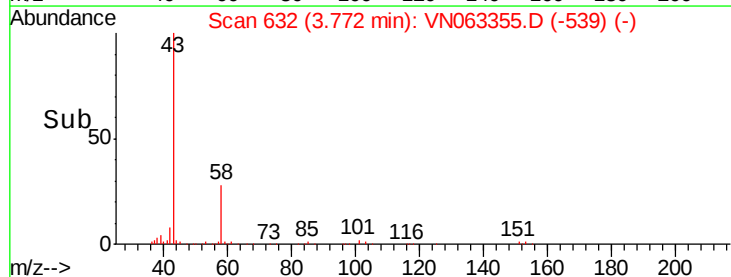
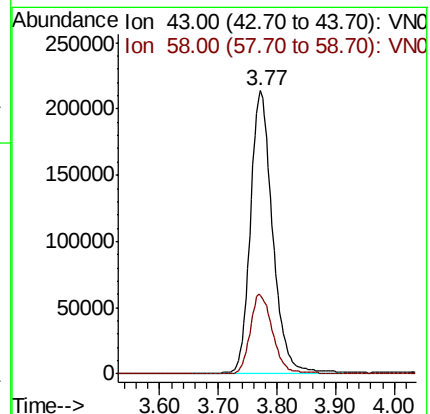
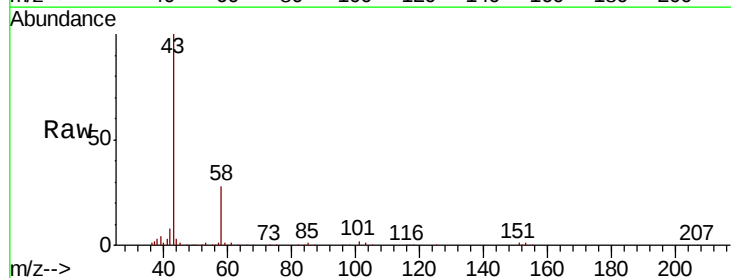
Acq: 14 Sep 2020 20:30

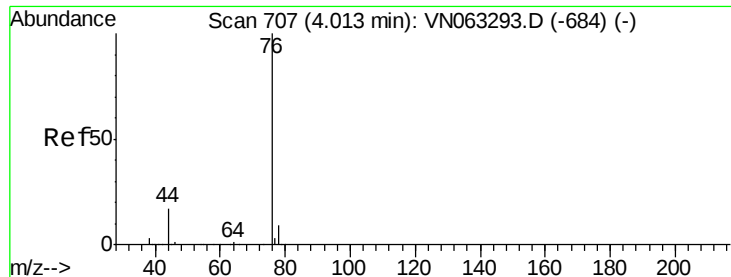
Tgt Ion: 43 Resp: 565058

Ion Ratio Lower Upper

43 100

58 27.6 22.6 34.0

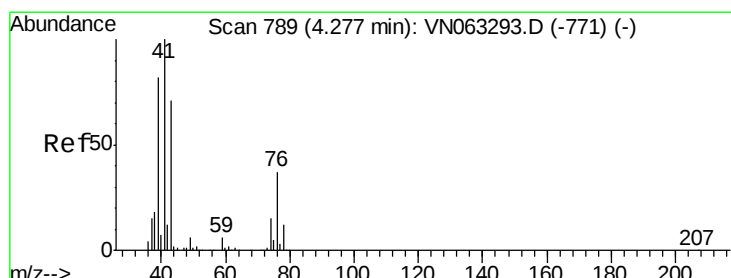
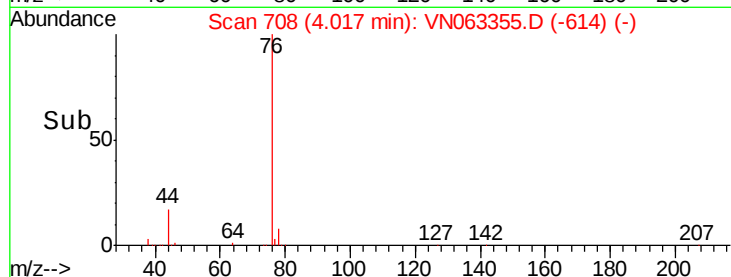
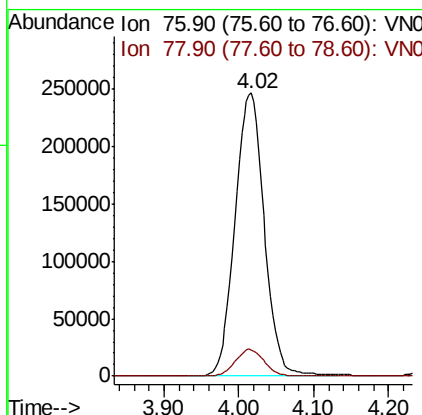
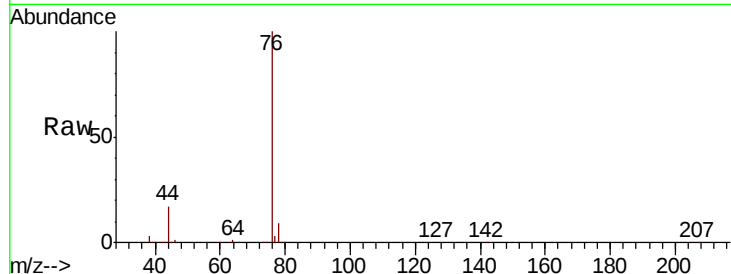




#17
Carbon Disulfide
Concen: 46.585 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

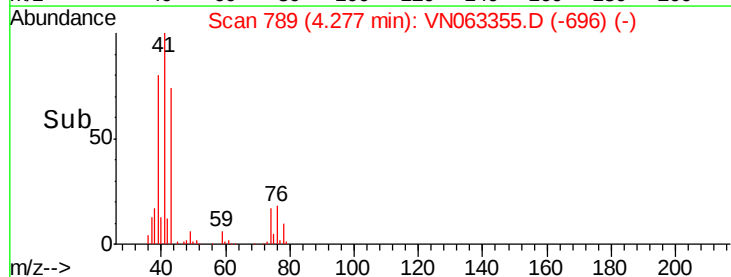
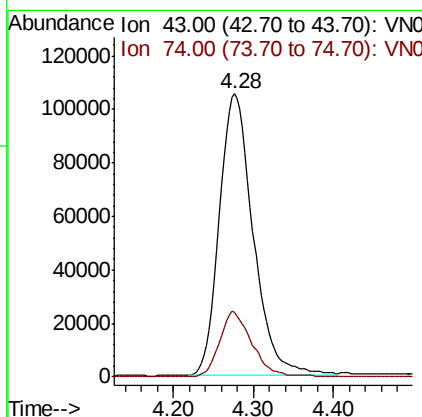
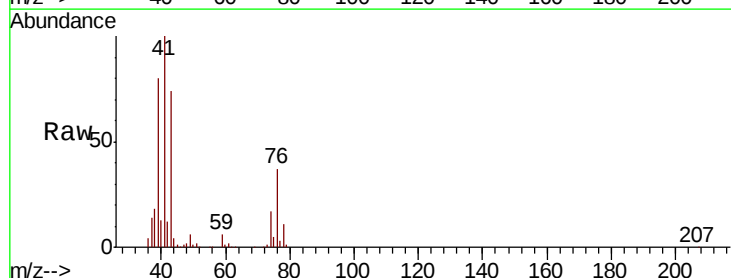
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

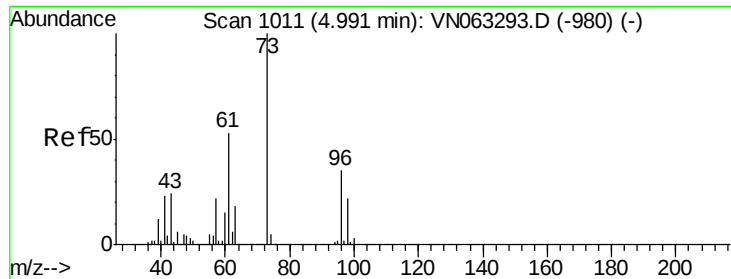
Tot Ion: 76 Resp: 670691
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 48.220 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion: 43 Resp: 304938
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.6

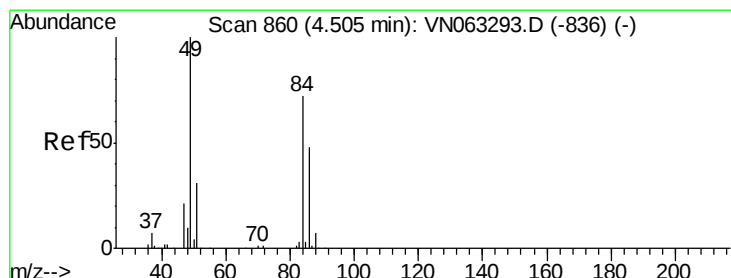
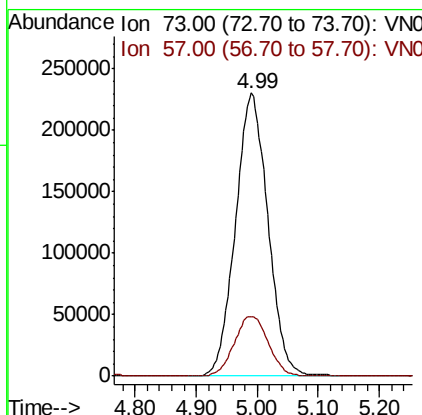
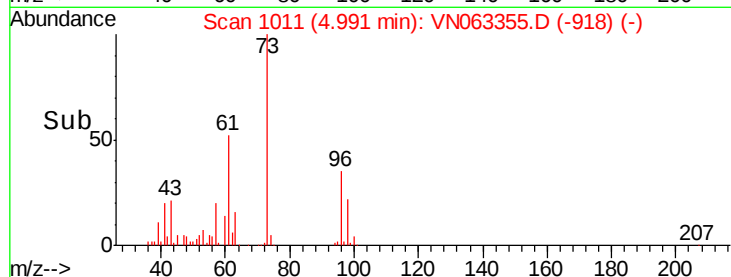
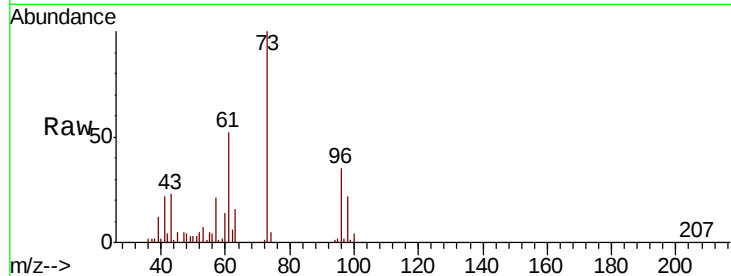




#19
Methvl tert-butvl Ether
Concen: 46.816 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

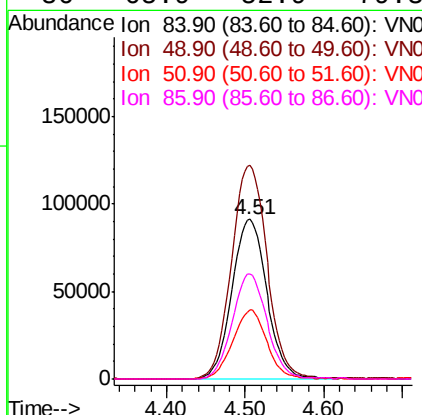
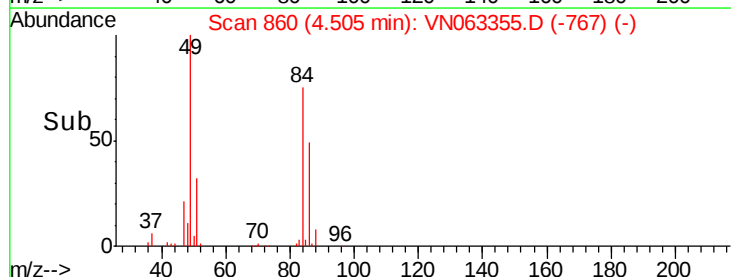
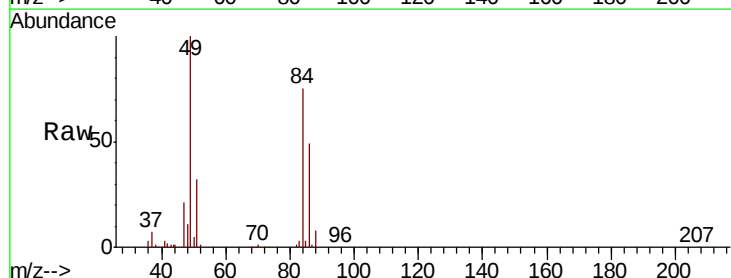
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

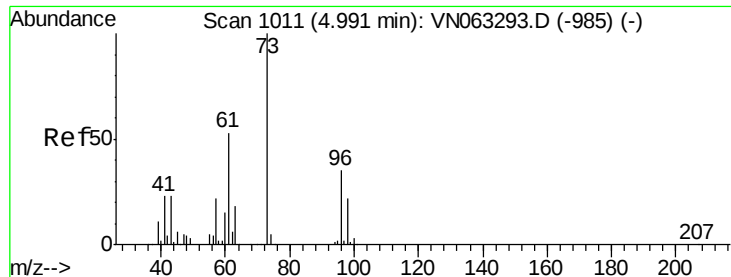
Tot Ion: 73 Resp: 850047
Ion Ratio Lower Upper
73 100
57 20.9 17.5 26.3



#20
Methylene Chloride
Concen: 49.553 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion: 84 Resp: 283877
Ion Ratio Lower Upper
84 100
49 133.6 111.1 166.7
51 43.1 34.3 51.5
86 65.9 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 45.846 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

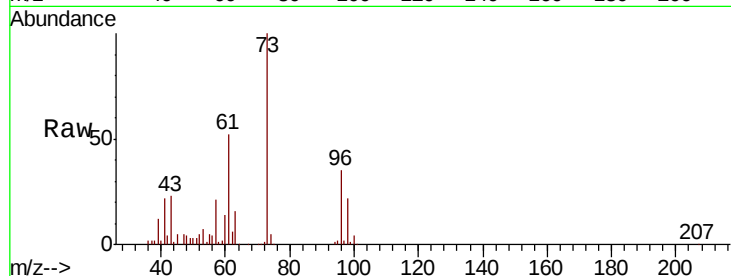
Tot Ion: 96 Resp: 260699

Ion Ratio Lower Upper

96 100

61 148.5 121.8 182.8

98 63.7 51.2 76.8

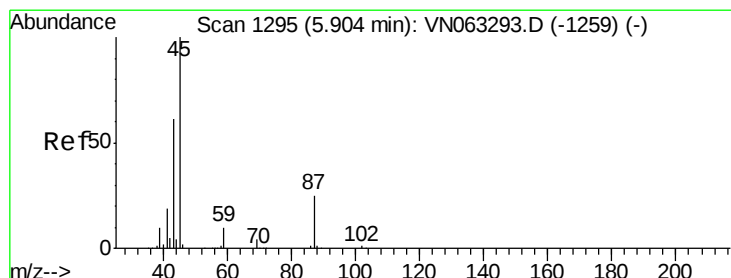
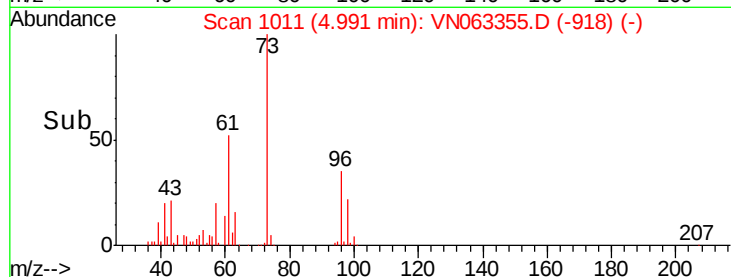
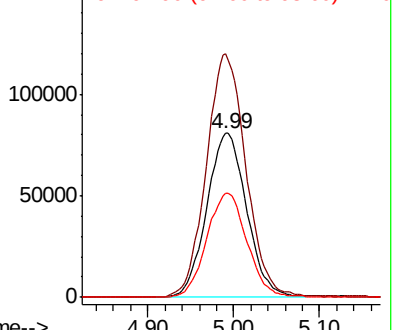


Abundance

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



#22

Diisopropyl ether

Concen: 47.463 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Tgt Ion: 45 Resp: 974323

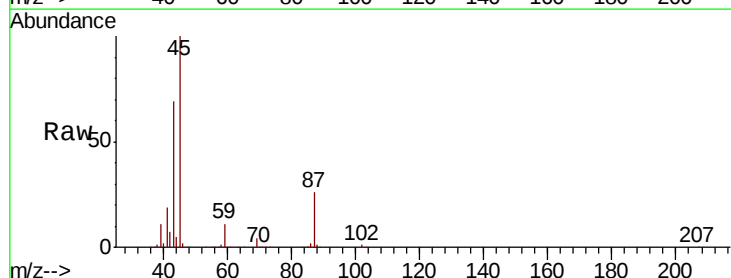
Ion Ratio Lower Upper

45 100

43 68.2 50.3 75.5

87 25.5 20.7 31.1

59 11.1 8.4 12.6



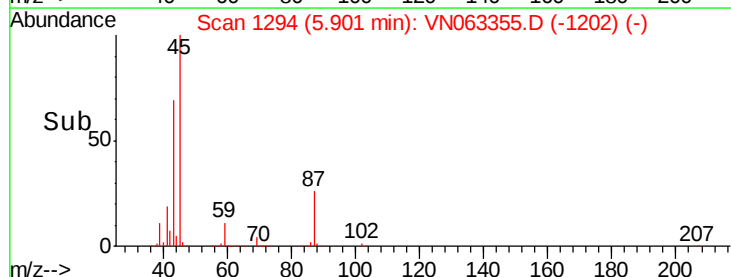
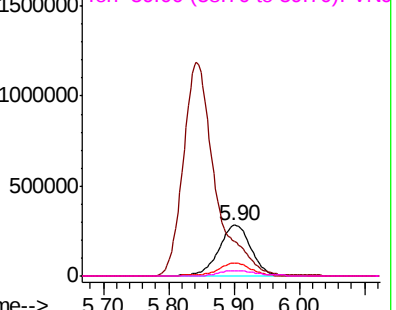
Abundance

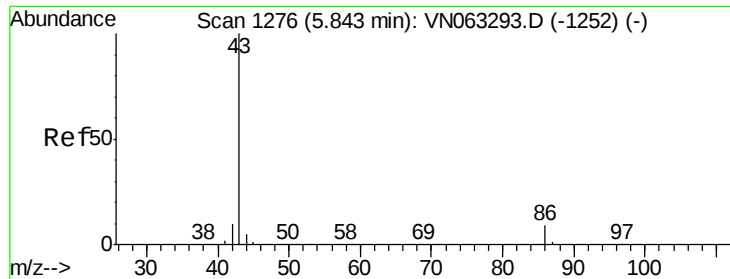
Ion 45.00 (44.70 to 45.70): VN0

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: 250.602 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

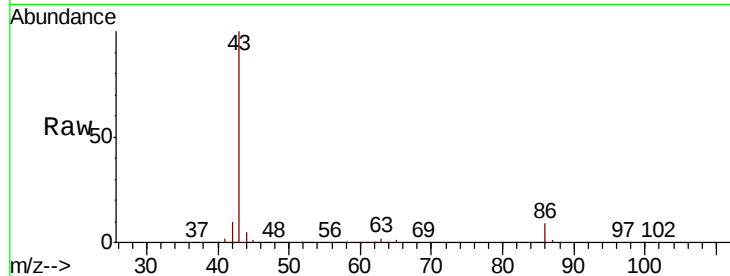
VSTDCCC050EC

Tot Ion: 43 Resp: 4049268

Ion Ratio Lower Upper

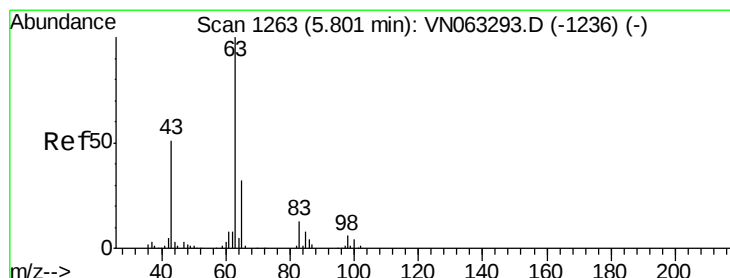
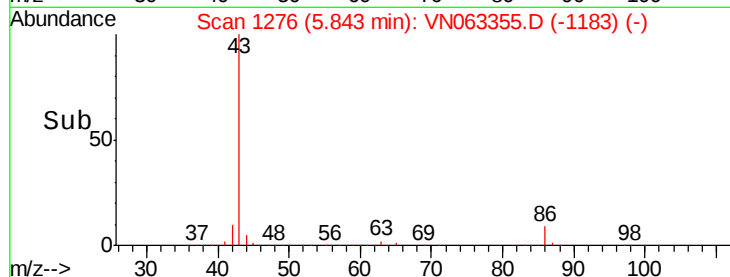
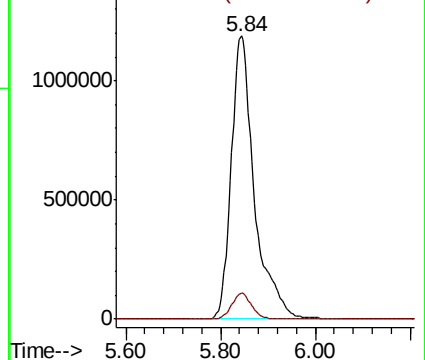
43 100

86 9.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.948 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

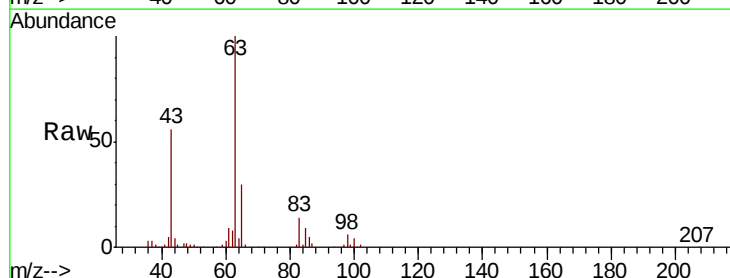
Tgt Ion: 63 Resp: 521913

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

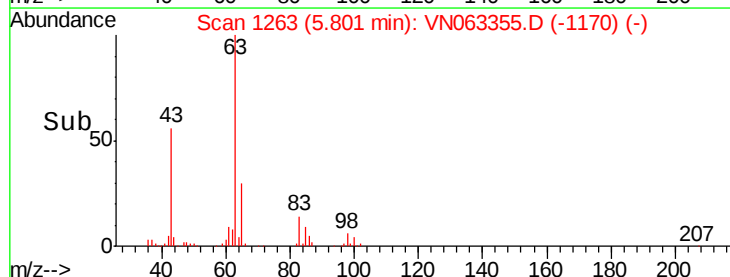
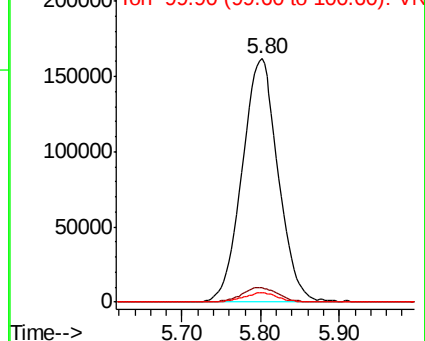
100 4.1 2.0 6.0

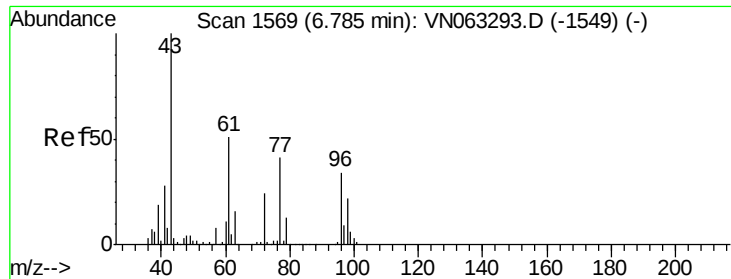


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

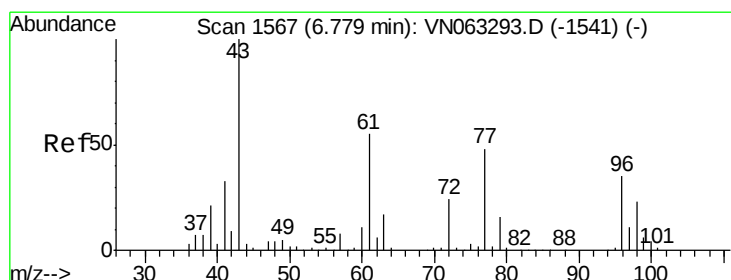
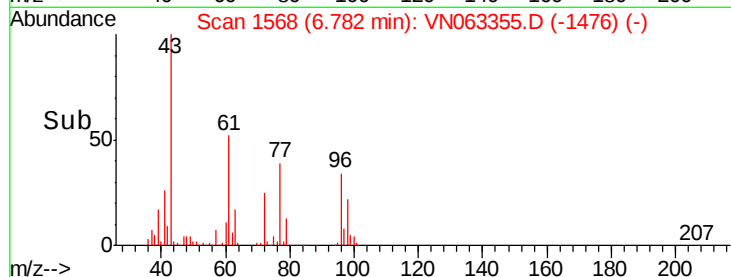
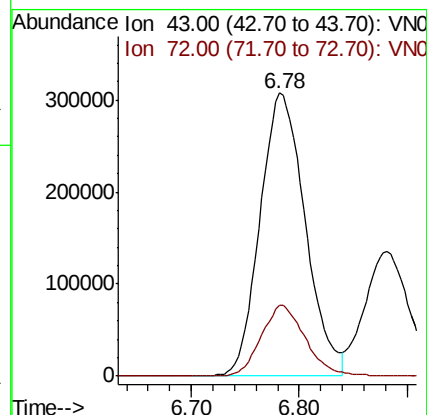
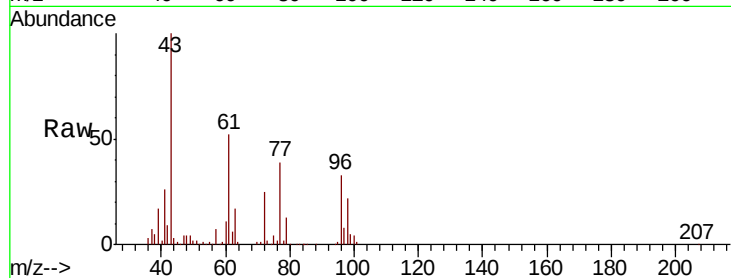




#25
2-Butanone
Concen: 239.910 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

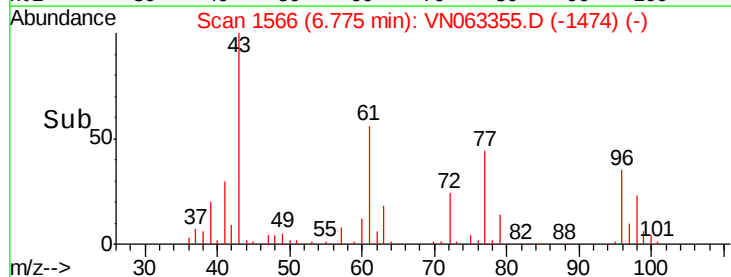
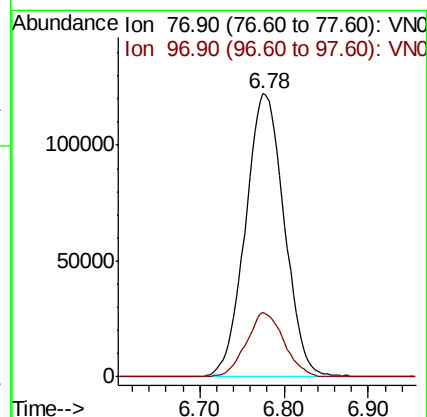
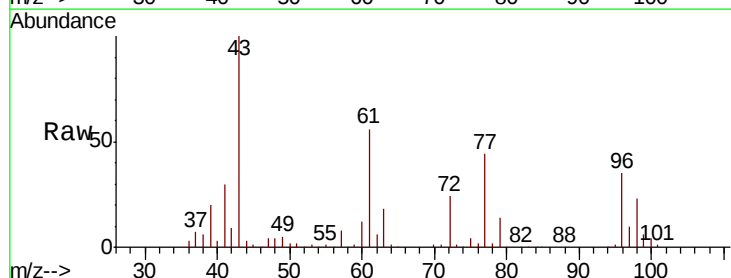
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

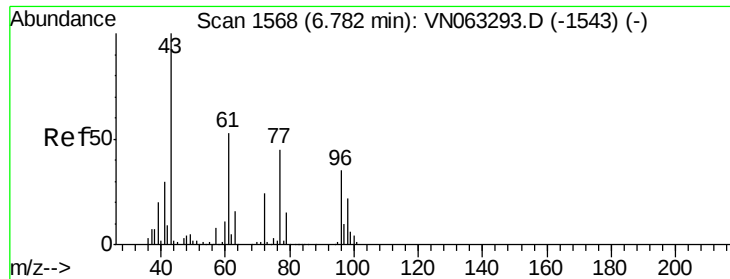
Tot Ion: 43 Resp: 891521
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 40.190 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion: 77 Resp: 391603
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 45.873 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

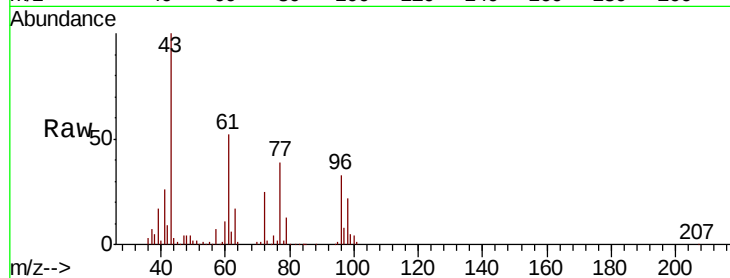
Tot Ion: 96 Resp: 304012

Ion Ratio Lower Upper

96 100

61 155.4 0.0 322.8

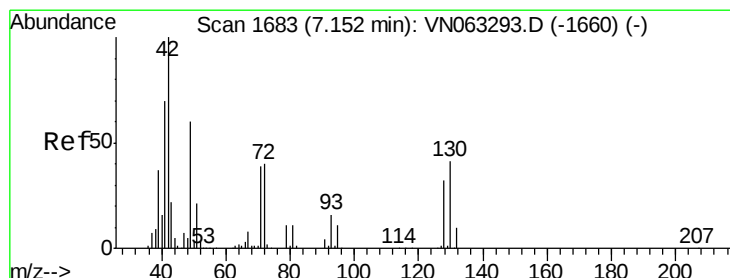
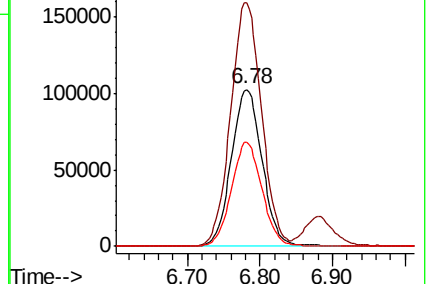
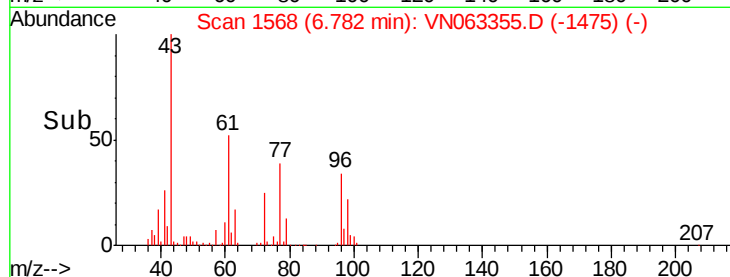
98 65.6 0.0 132.2



Abundance Ion 95.90 (95.60 to 96.60): VN063355.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN063355.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN063355.D (-1475) (-)



#28

Bromochloromethane

Concen: 46.102 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

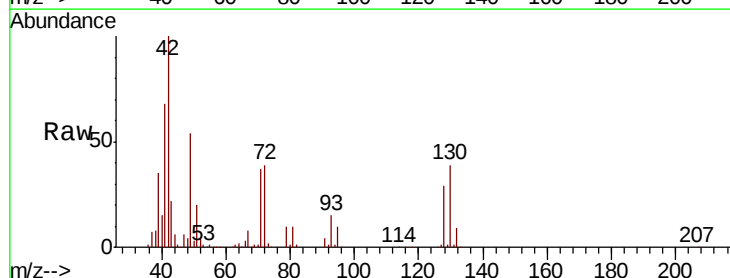
Tgt Ion: 49 Resp: 248521

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

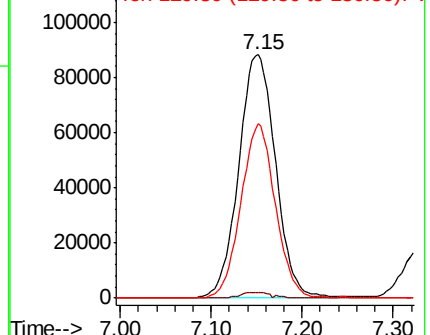
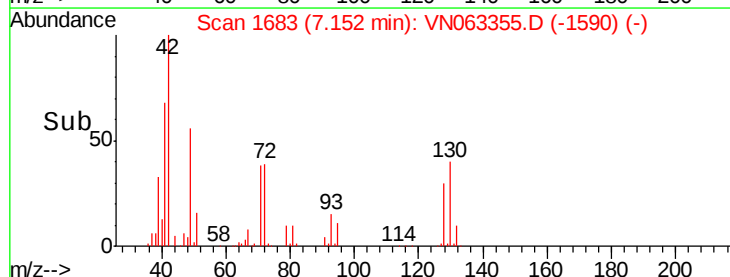
130 66.7 53.1 79.7

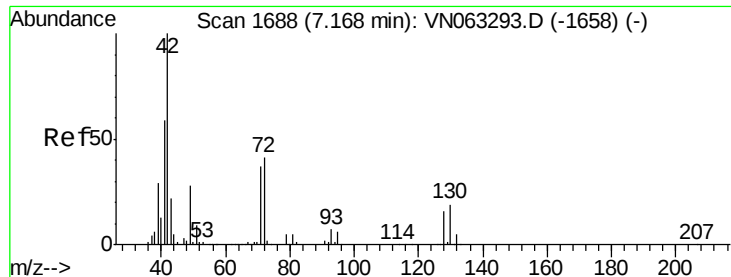


Abundance Ion 48.90 (48.60 to 49.60): VN063355.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063355.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063355.D (-1590) (-)

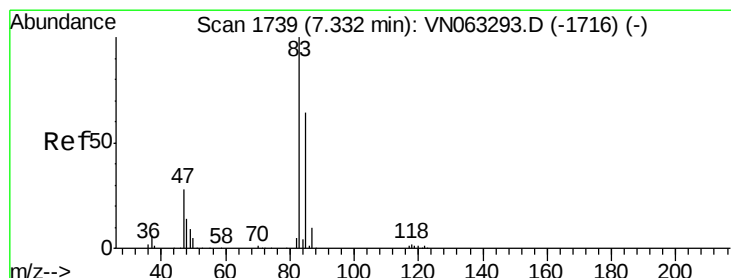
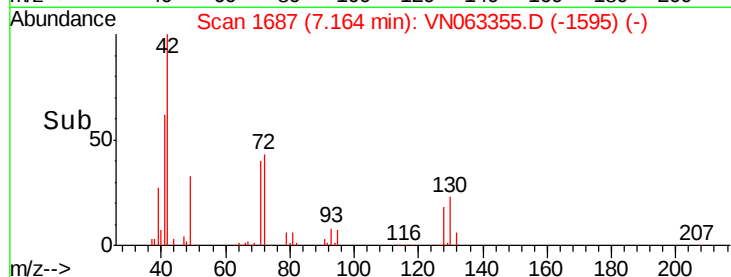
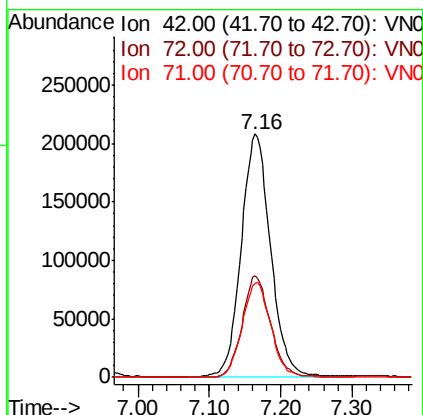
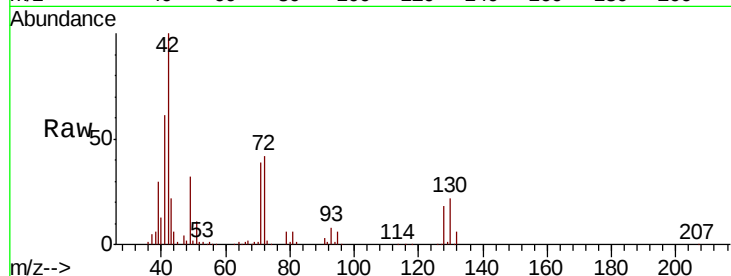




#29
Tetrahydrofuran
Concen: 245.654 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

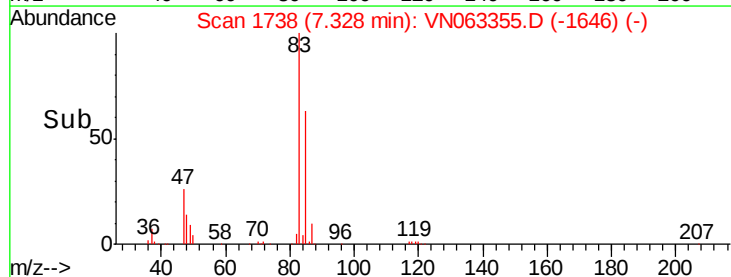
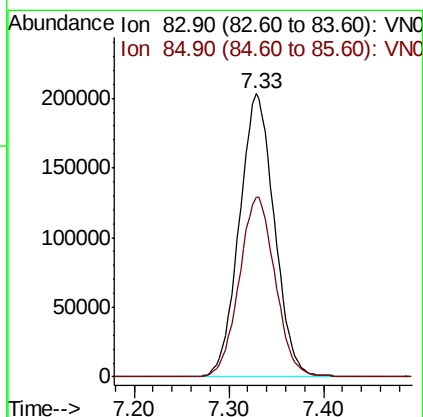
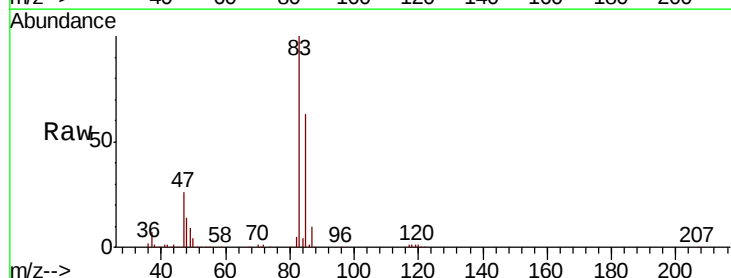
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

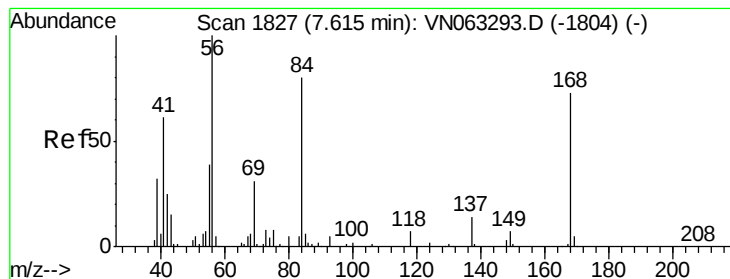
Tot Ion: 42 Resp: 594404
Ion Ratio Lower Upper
42 100
72 40.1 31.4 47.2
71 38.2 30.0 45.0



#30
Chloroform
Concen: 47.001 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion: 83 Resp: 523155
Ion Ratio Lower Upper
83 100
85 63.4 51.2 76.8





#31

Cyclohexane

Concen: 43.986 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

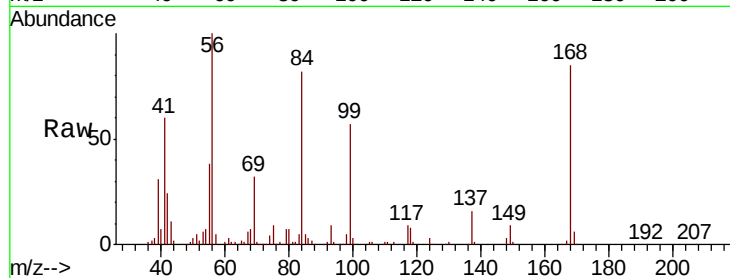
Tot Ion: 56 Resp: 449448

Ion Ratio Lower Upper

56 100

69 32.0 25.1 37.7

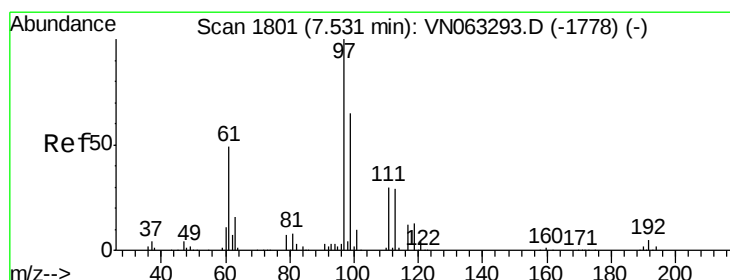
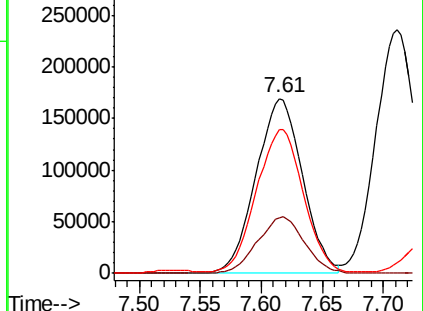
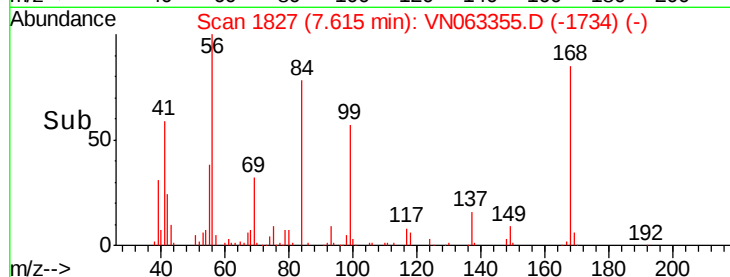
84 80.3 64.2 96.2



Abundance Ion 56.00 (55.70 to 56.70): VN063355.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063355.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063355.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 46.584 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

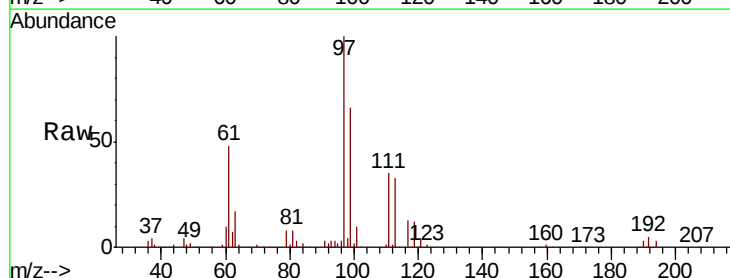
Tgt Ion: 97 Resp: 452006

Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.2

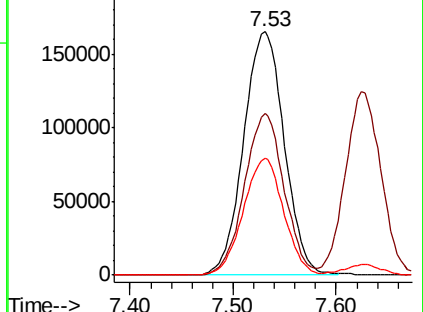
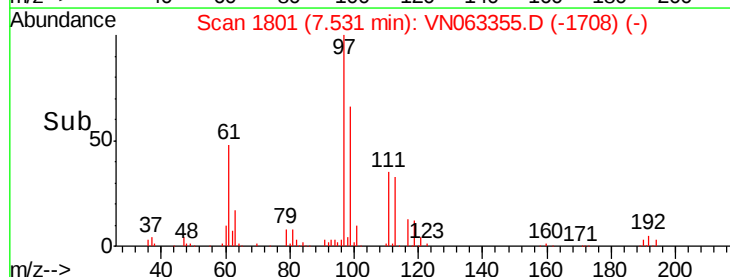
61 47.5 38.9 58.3

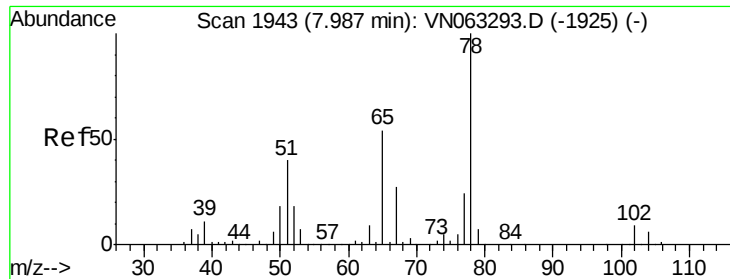


Abundance Ion 96.90 (96.60 to 97.60): VN063355.D (-1708) (-)

Ion 98.90 (98.60 to 99.60): VN063355.D (-1708) (-)

Ion 60.90 (60.60 to 61.60): VN063355.D (-1708) (-)

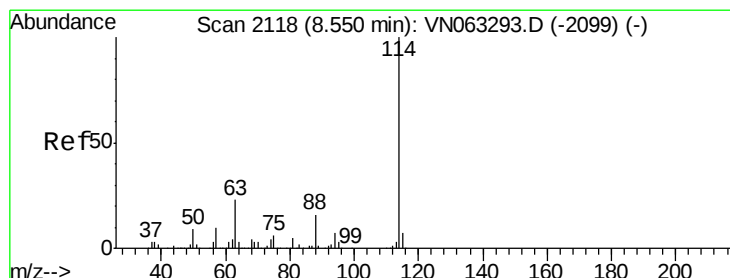
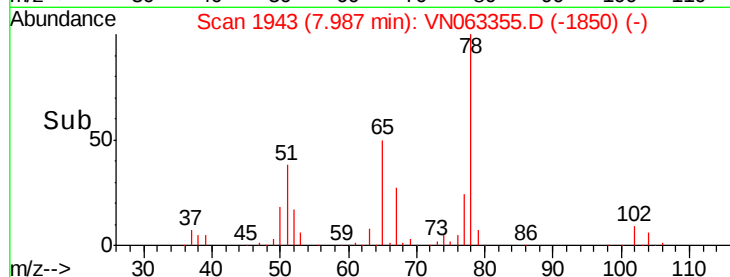
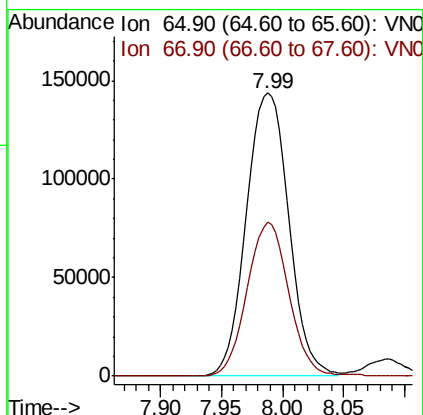
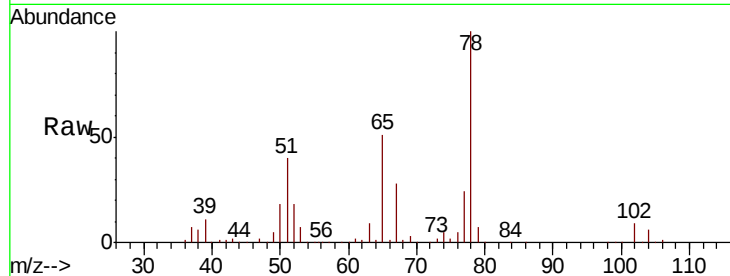




#33
 1,2-Dichloroethane-d4
 Concen: 47.620 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

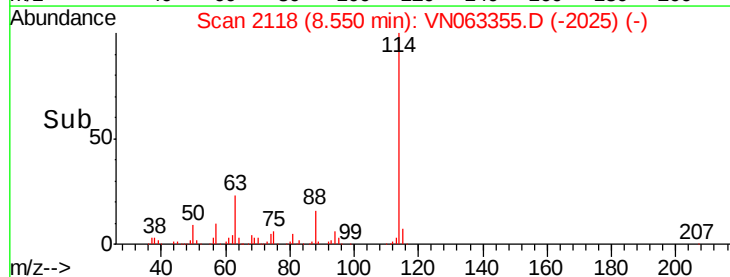
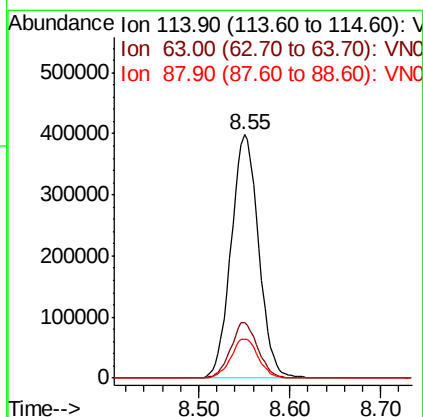
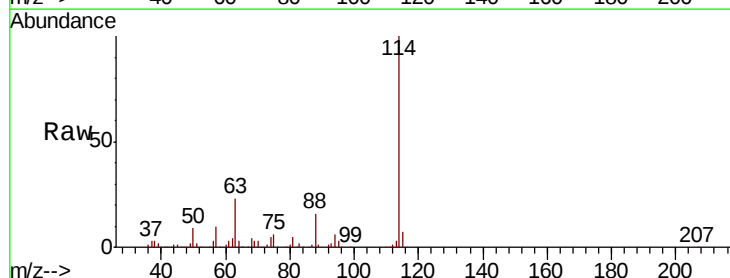
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

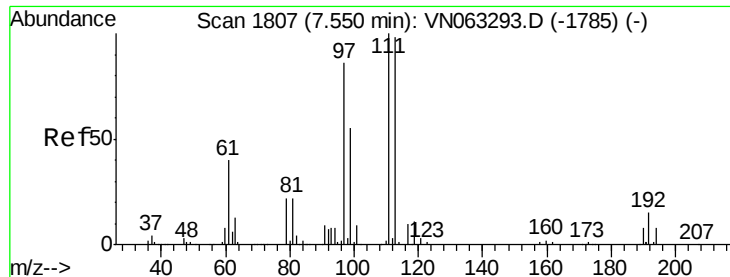
Tot Ion: 65 Resp: 346924
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Tgt Ion: 114 Resp: 836898
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.0
 88 16.0 0.0 32.8

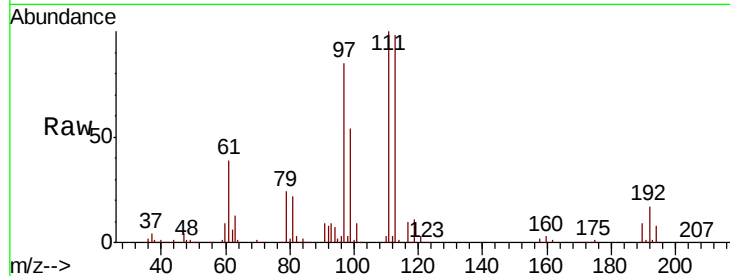




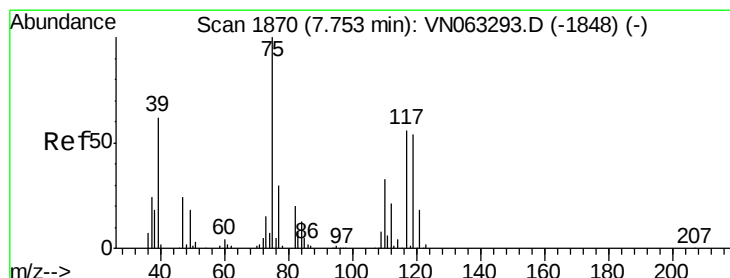
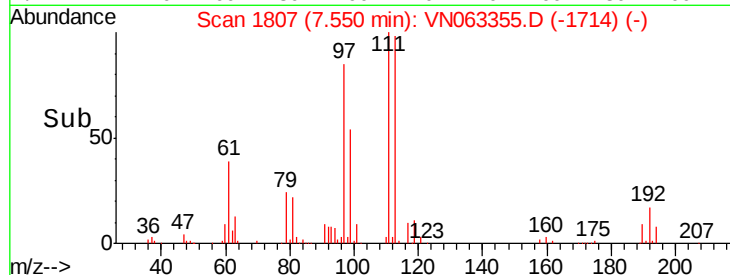
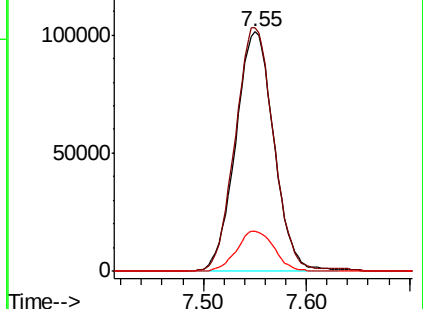
#35
 Dibromofluoromethane
 Concen: 48.403 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.2
192	16.6	12.9	19.3

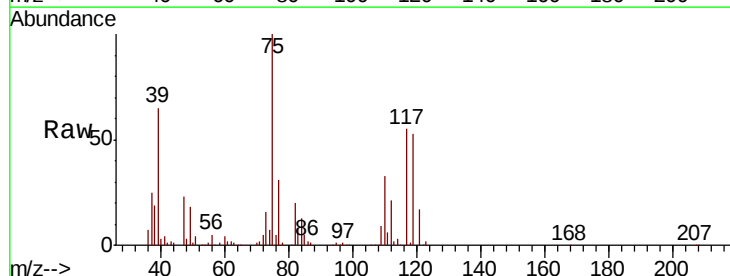


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

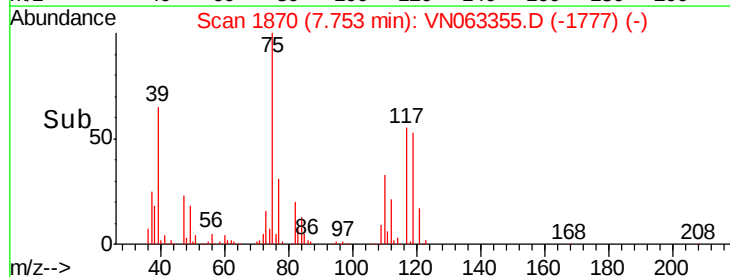
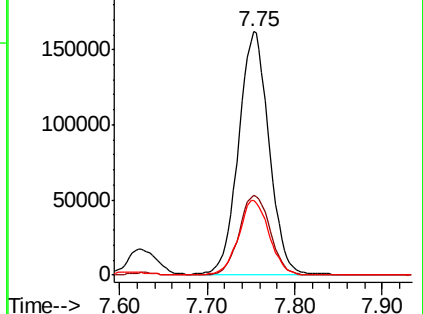


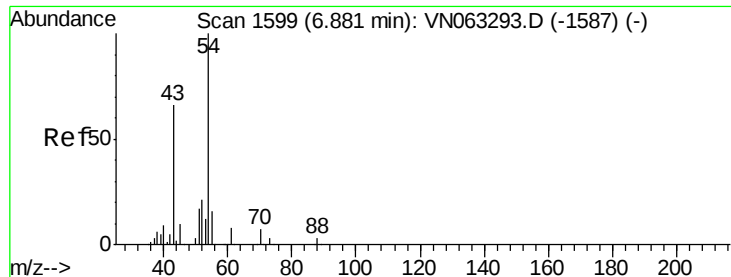
#36
 1,1-Dichloropropene
 Concen: 45.481 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.4	49.4
77	31.0	24.8	37.2



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

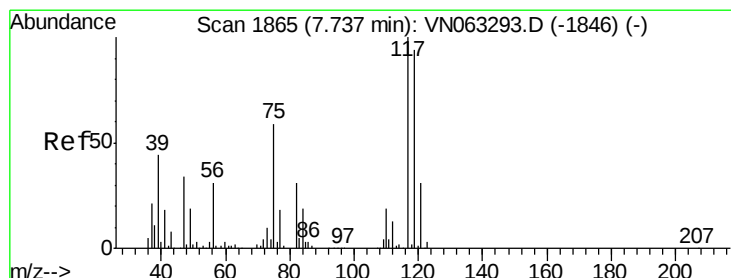
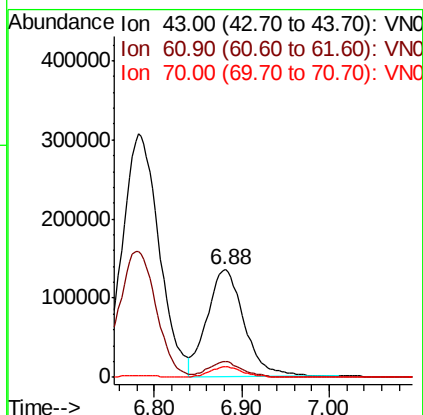
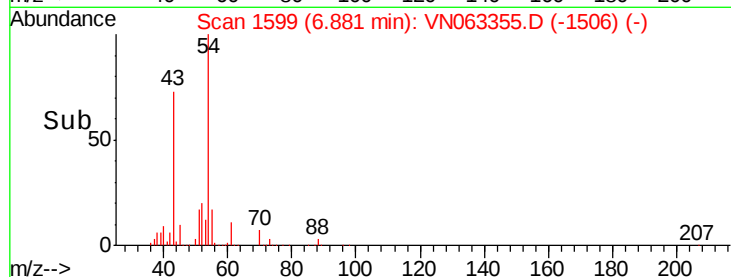
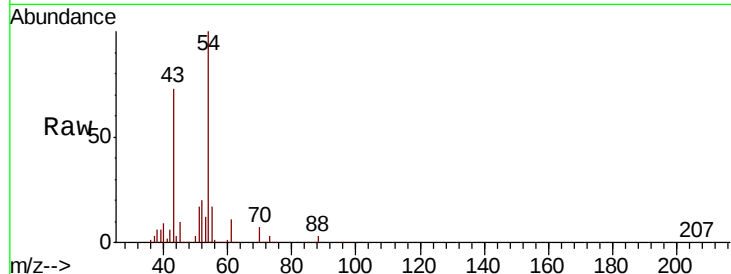




#37
Ethyl Acetate
Concen: 47.222 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

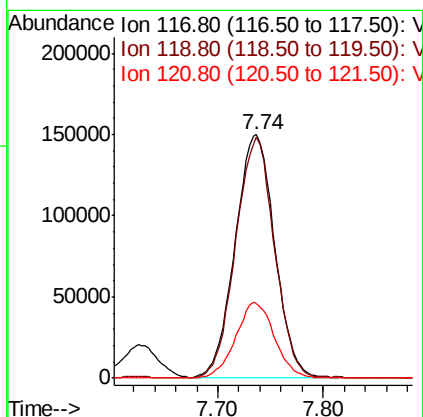
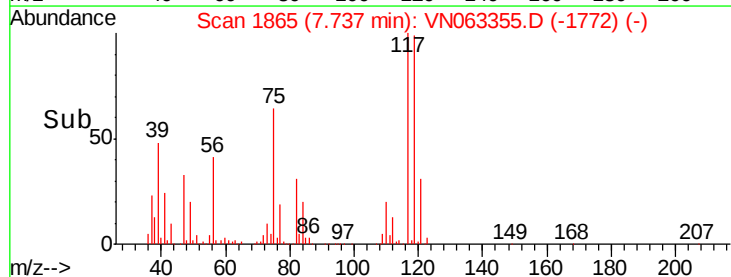
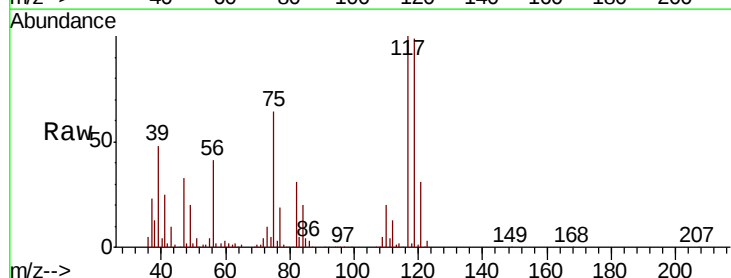
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

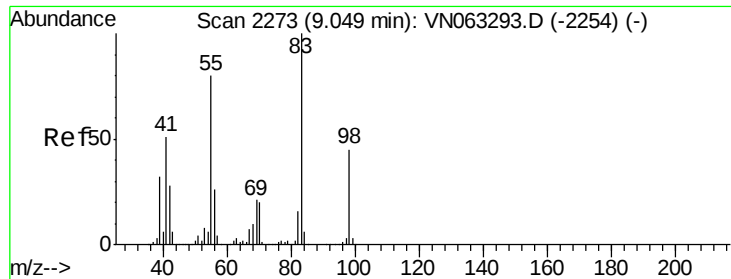
Tot Ion: 43 Resp: 399644
Ion Ratio Lower Upper
43 100
61 13.1 10.1 15.1
70 8.6 7.4 11.2



#38
Carbon Tetrachloride
Concen: 45.935 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion: 117 Resp: 388908
Ion Ratio Lower Upper
117 100
119 99.1 75.3 112.9
121 30.8 24.6 37.0

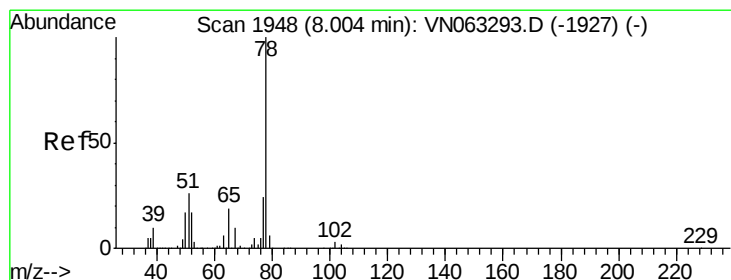
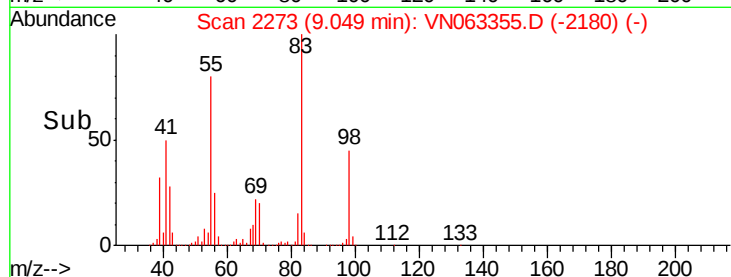
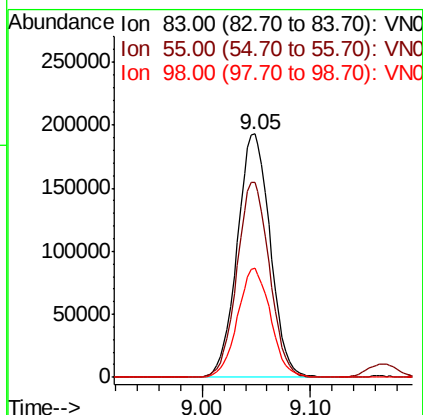
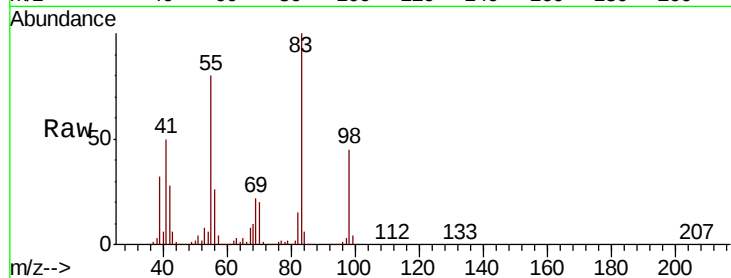




#39
Methvlcvclohexane
Concen: 43.696 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

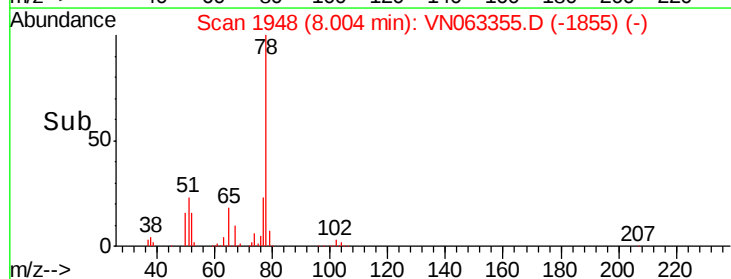
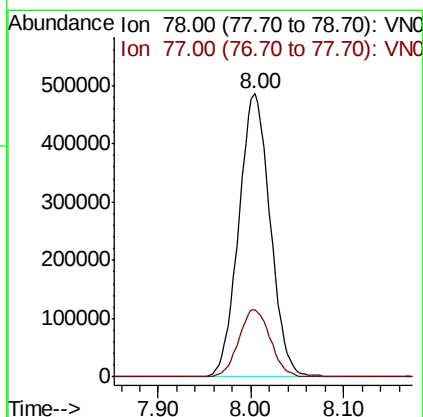
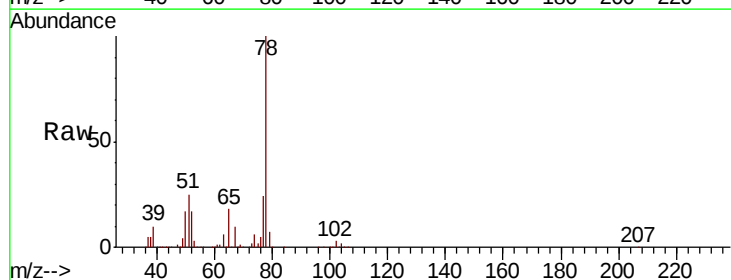
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

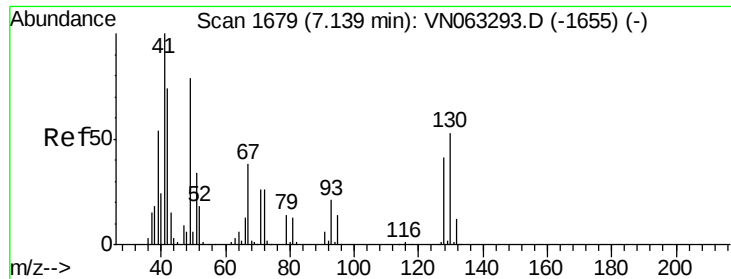
Tot Ion: 83 Resp: 410069
Ion Ratio Lower Upper
83 100
55 80.1 64.0 96.0
98 44.7 36.4 54.6



#40
Benzene
Concen: 46.489 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion: 78 Resp: 1142237
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

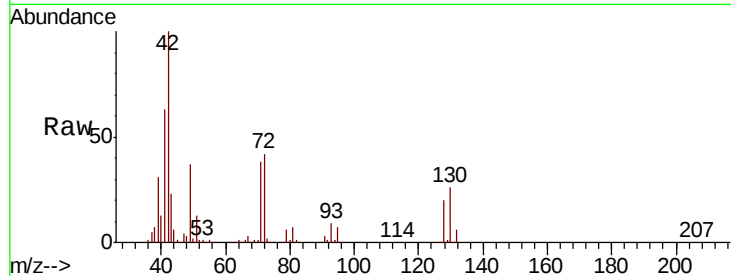




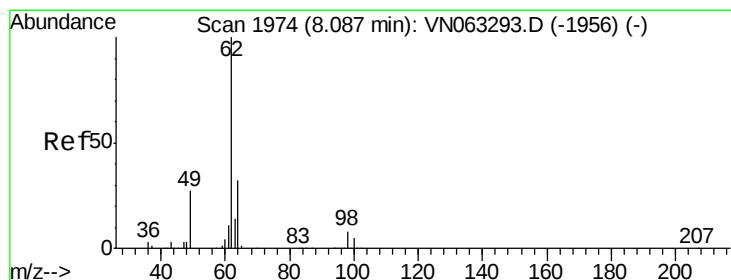
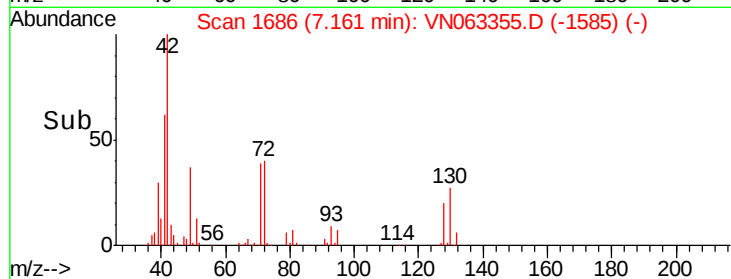
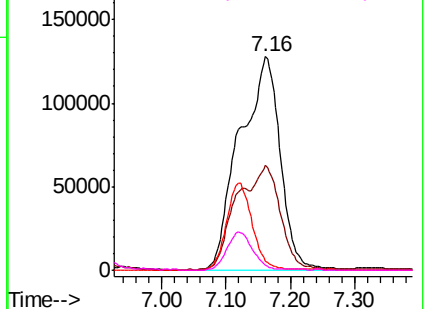
#41
Methacrylonitrile
Concen: 145.070 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.02 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	555343
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

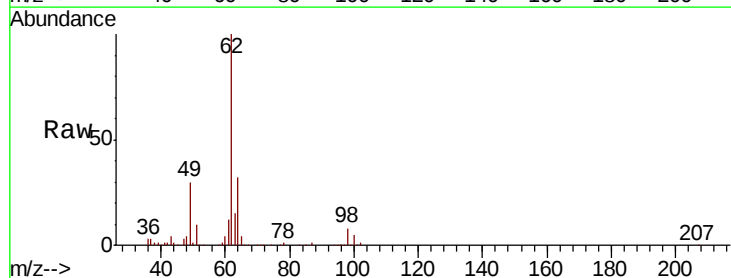


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

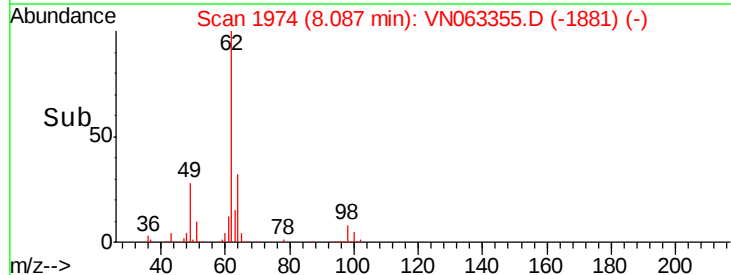
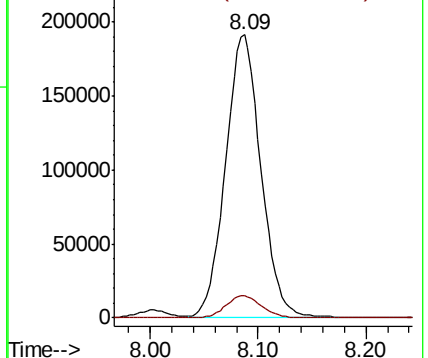


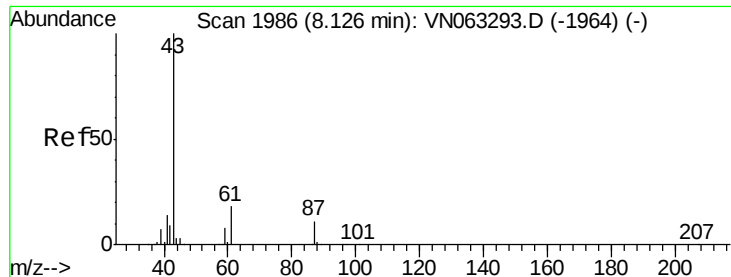
#42
1,2-Dichloroethane
Concen: 46.549 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion:	62	Resp:	433929
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 47.416 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

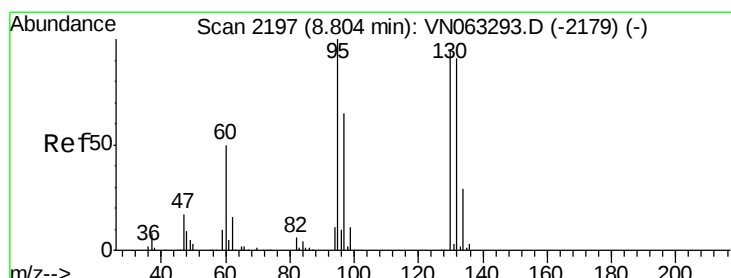
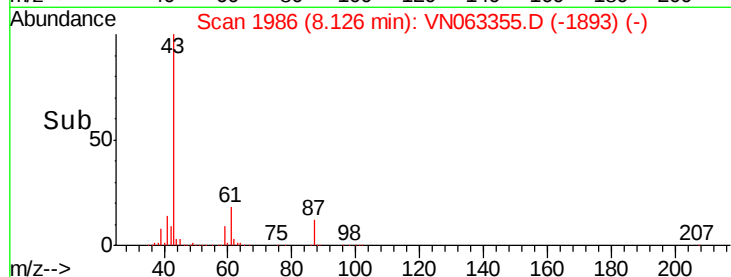
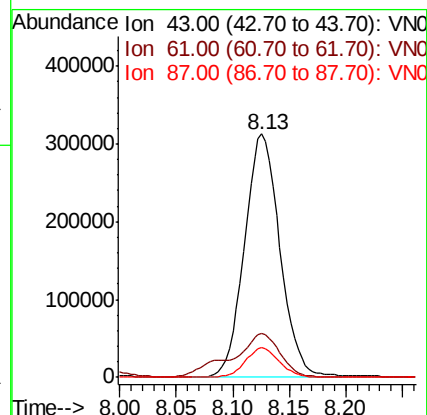
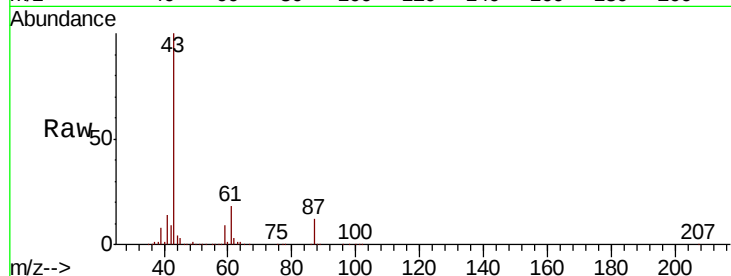
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 679570

Ion	Ratio	Lower	Upper
43	100		
61	24.4	15.1	22.7#
87	11.8	9.2	13.8



#44

Trichloroethene

Concen: 46.393 ug/l

RT: 8.80 min Scan# 2196

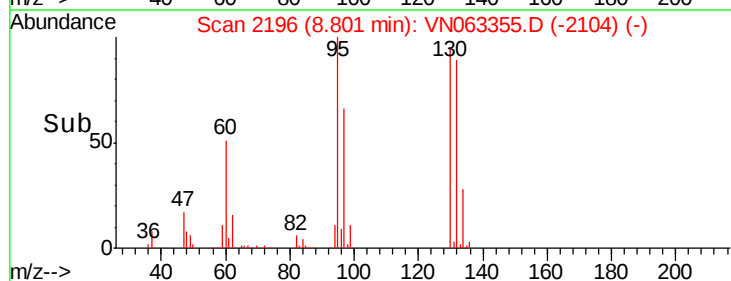
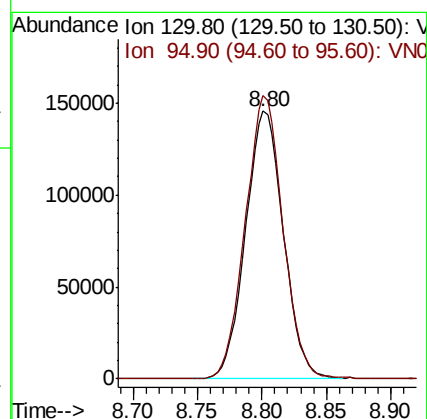
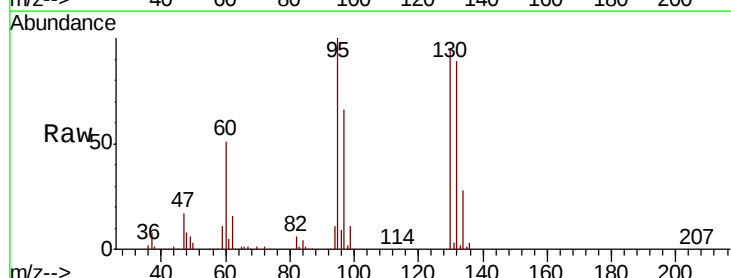
Delta R.T. -0.00 min

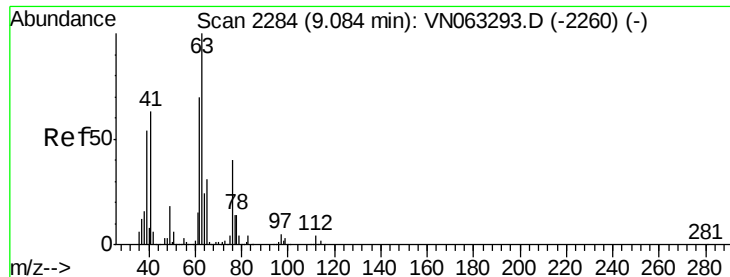
Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Tgt Ion: 130 Resp: 298097

Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	210.8

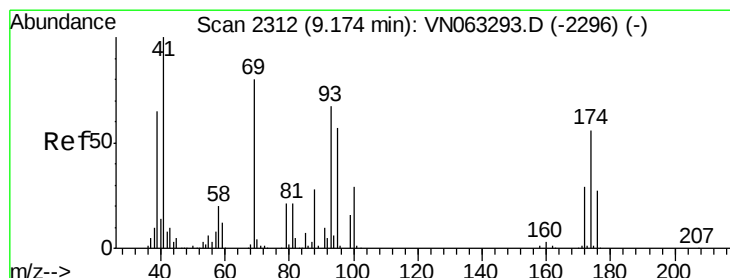
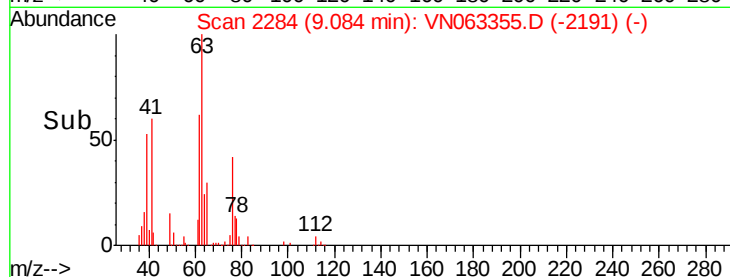
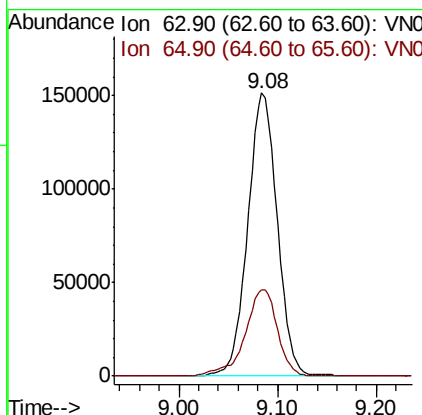
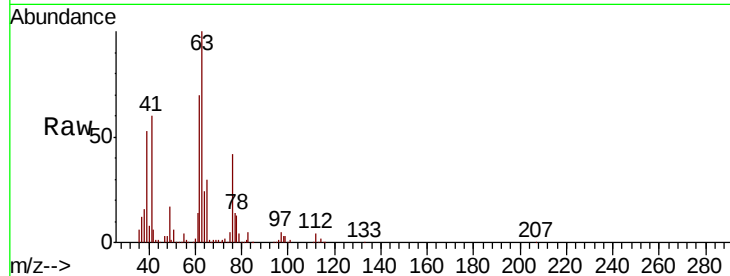




#45
 1,2-Dichloropropane
 Concen: 46.351 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

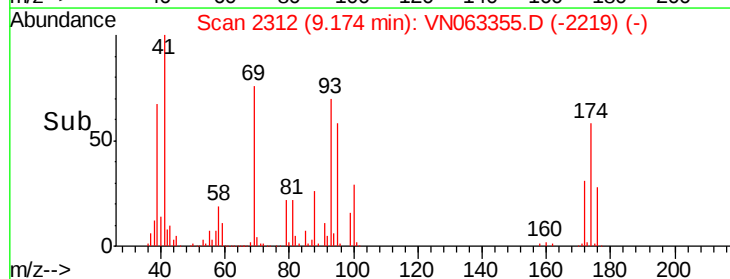
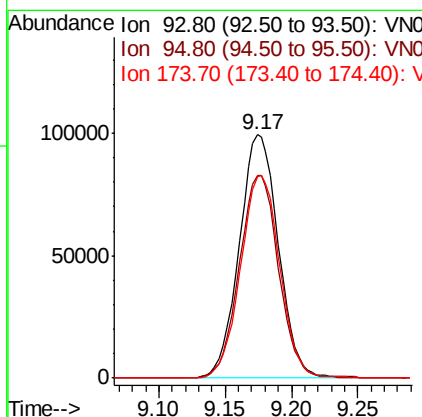
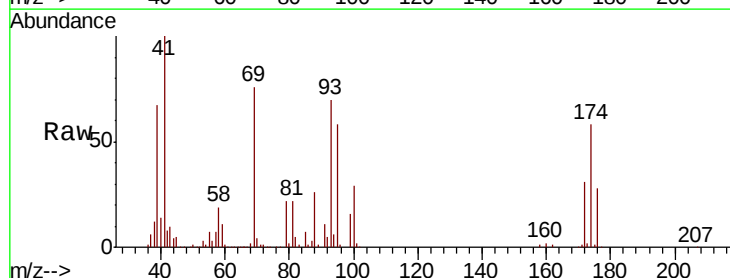
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

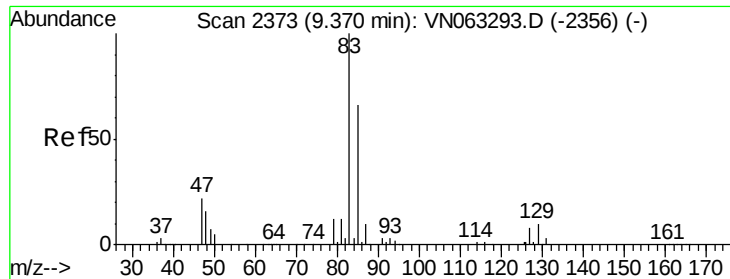
Tot Ion: 63 Resp: 312380
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 36.8



#46
 Dibromomethane
 Concen: 46.624 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Tgt Ion: 93 Resp: 203757
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.9 101.9
 174 83.6 66.9 100.3





#47

Bromodichloromethane

Concen: 47.086 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

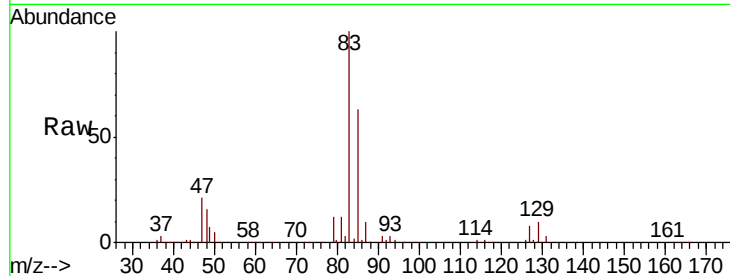
Tot Ion: 83 Resp: 428828

Ion Ratio Lower Upper

83 100

85 63.5 52.5 78.7

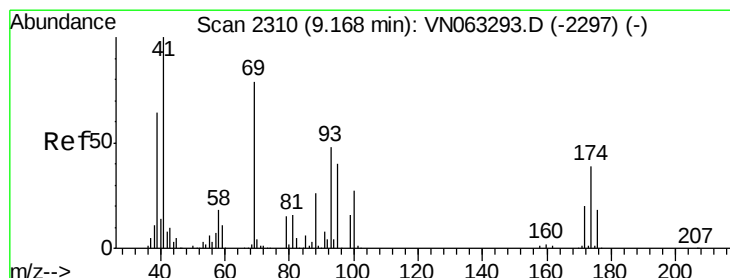
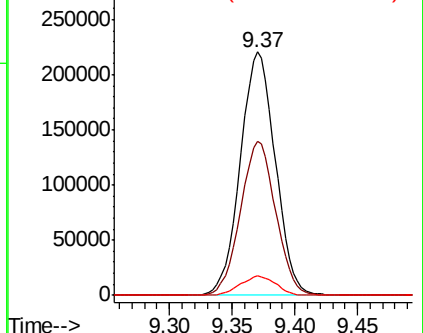
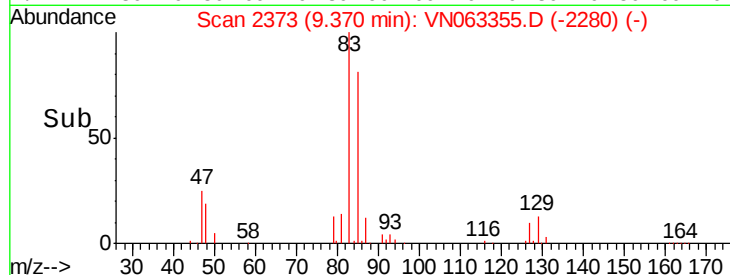
127 7.8 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN063355.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063355.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063355.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.055 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

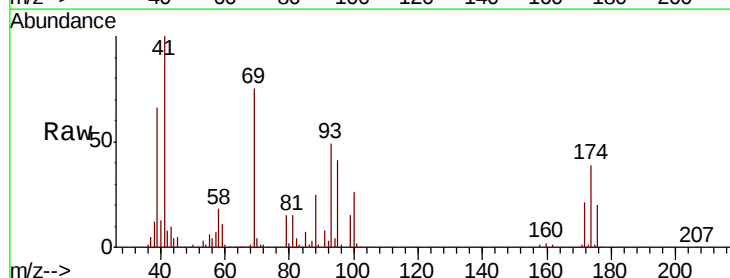
Tgt Ion: 41 Resp: 321791

Ion Ratio Lower Upper

41 100

69 77.3 63.6 95.4

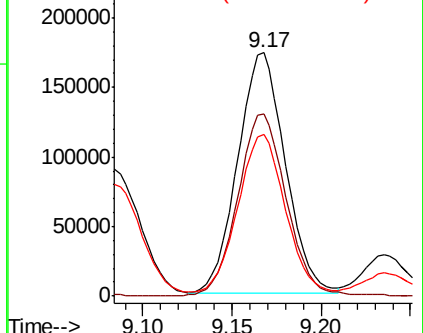
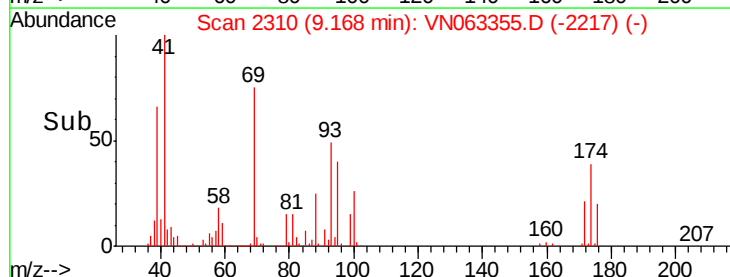
39 67.9 53.2 79.8

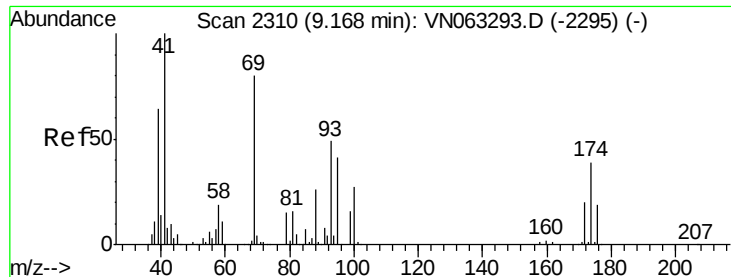


Abundance Ion 41.00 (40.70 to 41.70): VN063355.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063355.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063355.D (-2217) (-)

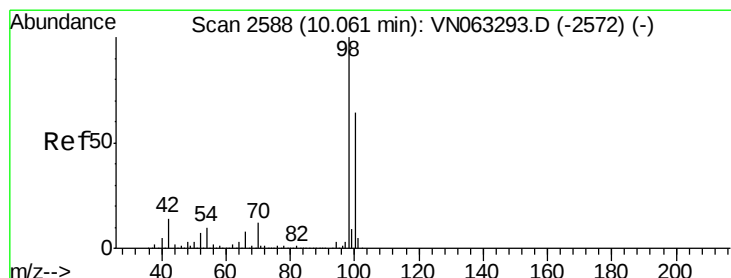
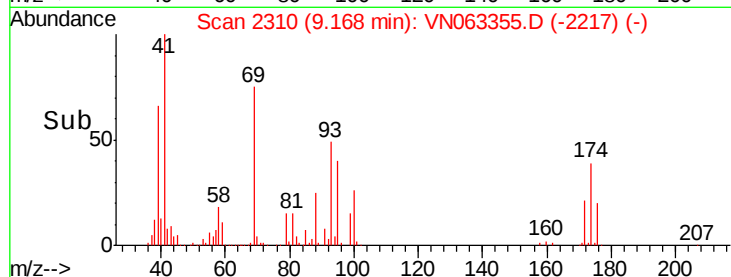
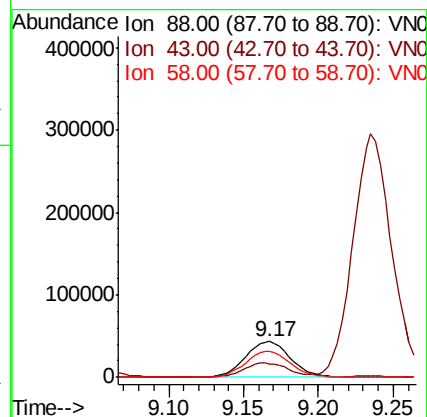
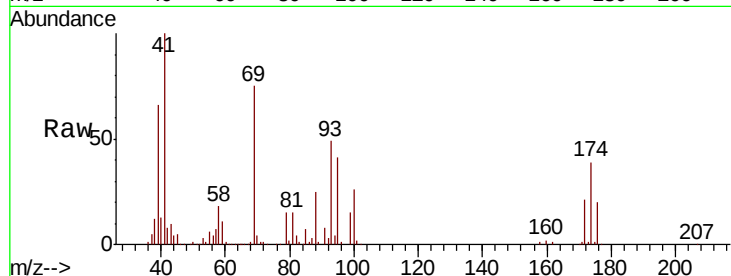




#49
1,4-Dioxane
Concen: 858.561 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

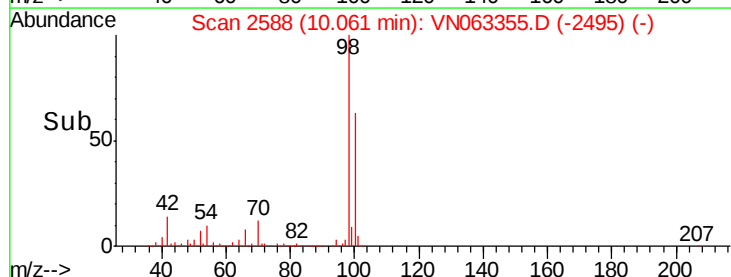
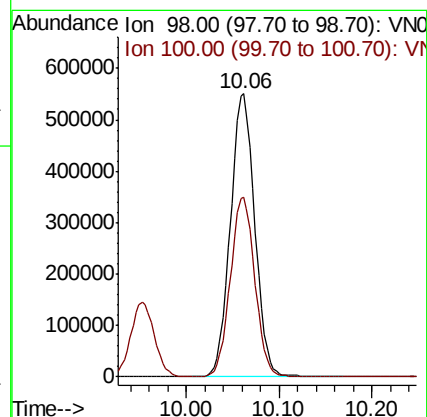
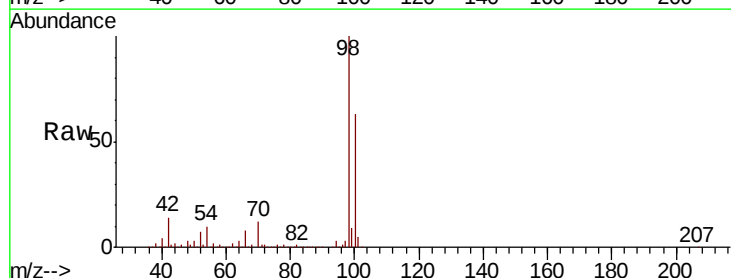
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

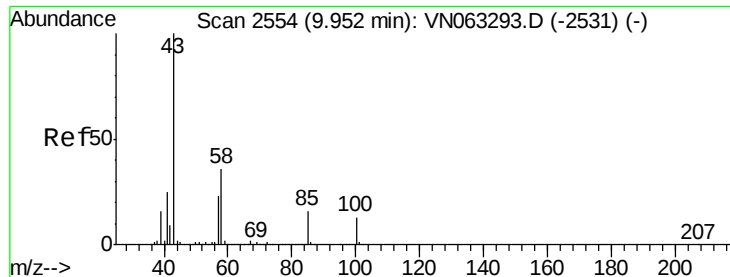
Tot Ion: 88 Resp: 90906
Ion Ratio Lower Upper
88 100
43 39.3 30.5 45.7
58 72.6 58.9 88.3



#50
Toluene-d8
Concen: 48.533 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion: 98 Resp: 1004172
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 253.495 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

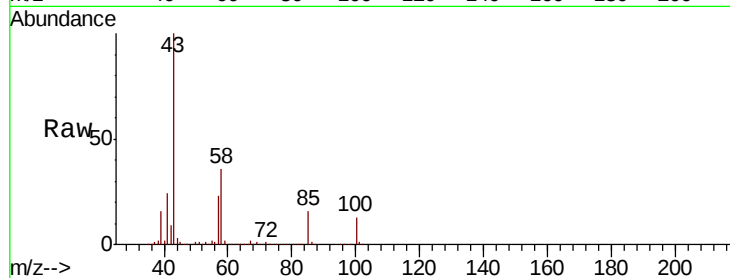
VSTDCCC050EC

Tot Ion: 43 Resp: 2002218

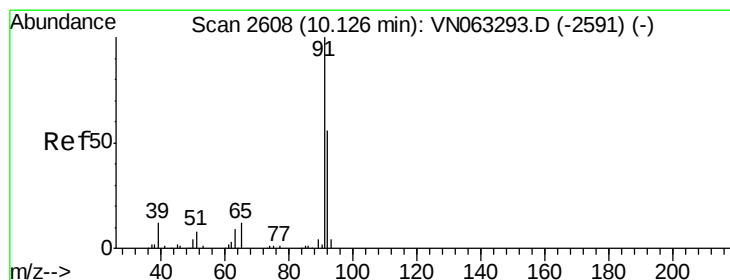
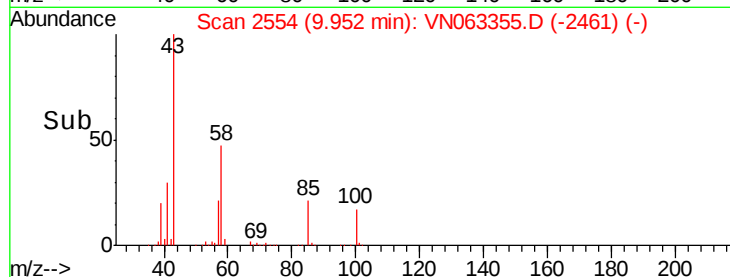
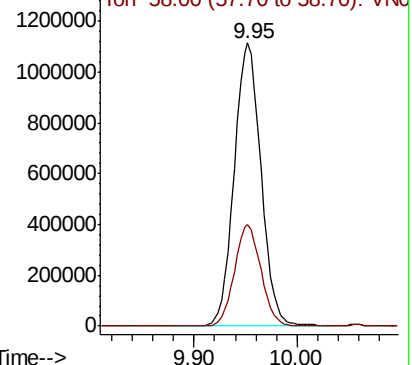
Ion Ratio Lower Upper

43 100

58 35.6 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN063293.D (-2531) (-)



#52

Toluene

Concen: 47.220 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063355.D

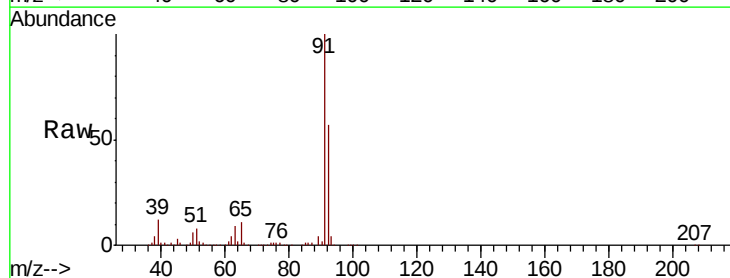
Acq: 14 Sep 2020 20:30

Tgt Ion: 92 Resp: 708352

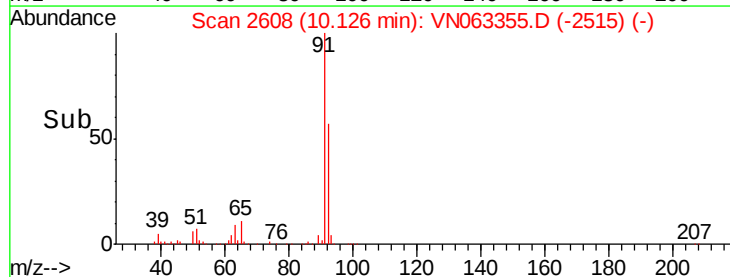
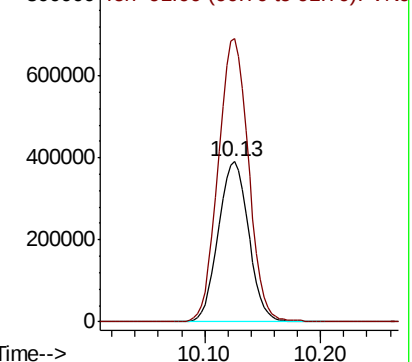
Ion Ratio Lower Upper

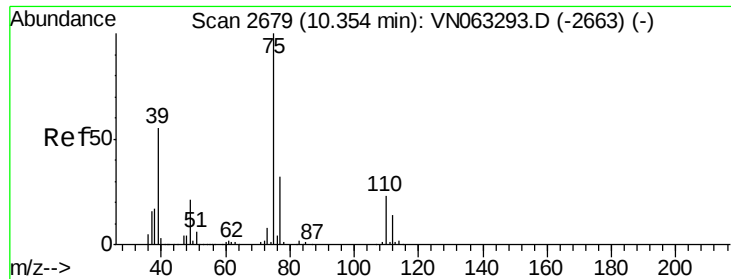
92 100

91 176.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063293.D (-2591) (-)





#53

t-1,3-Dichloropropene

Concen: 46.754 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

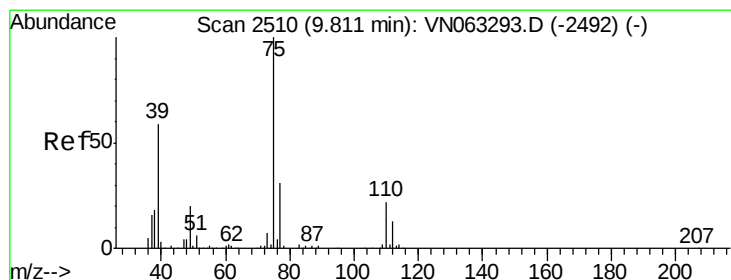
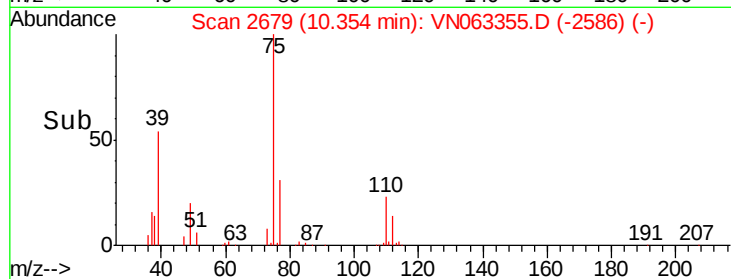
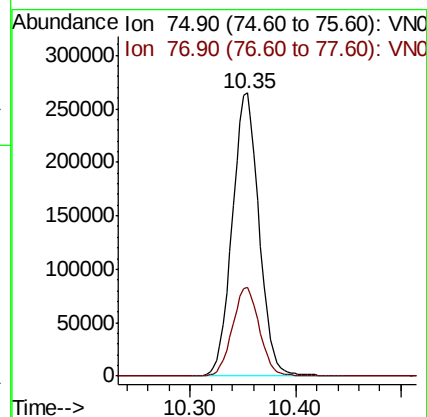
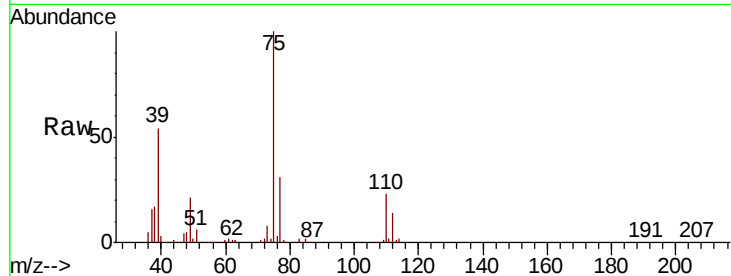
VSTDCCC050EC

Tot Ion: 75 Resp: 464333

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 46.173 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

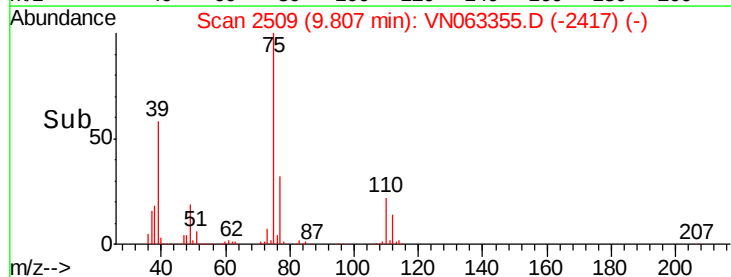
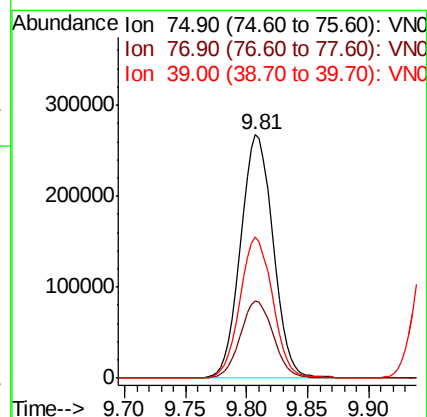
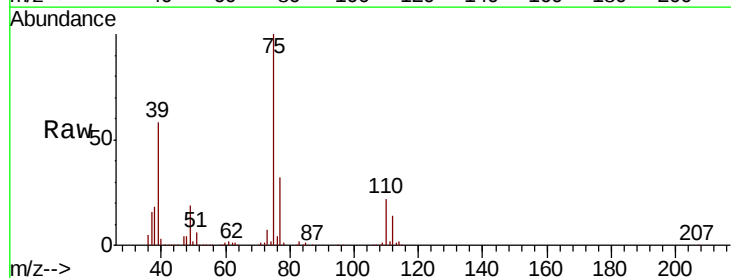
Tgt Ion: 75 Resp: 493739

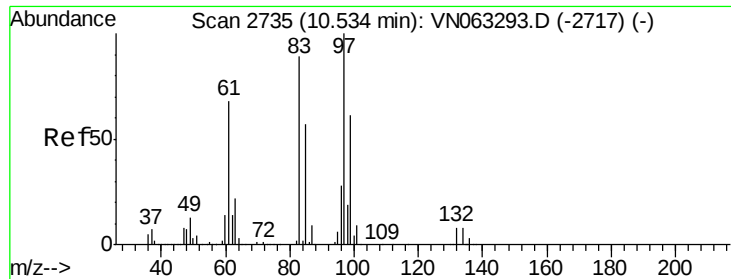
Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

39 57.8 47.2 70.8





#55

1,1,2-Trichloroethane

Concen: 47.743 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

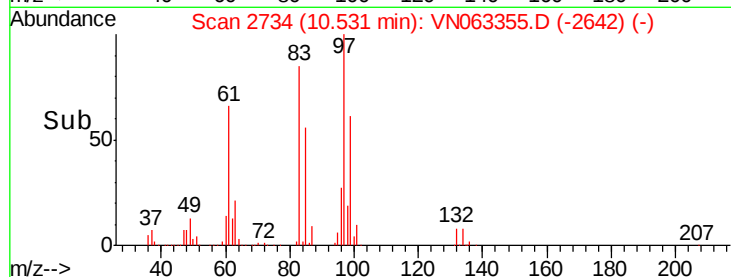
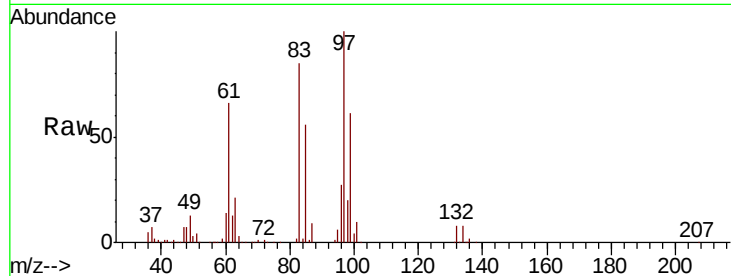
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 280644

Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.8	106.2
85	55.7	45.6	68.4
99	60.5	49.0	73.4

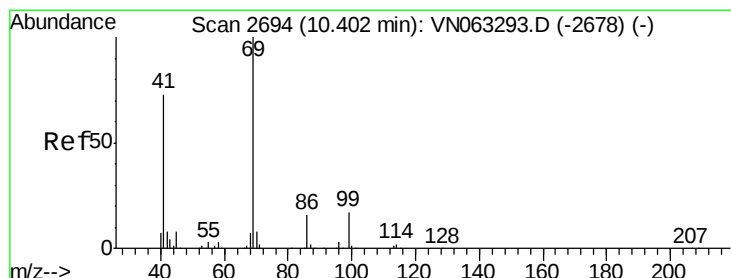


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 48.866 ug/l

RT: 10.40 min Scan# 2693

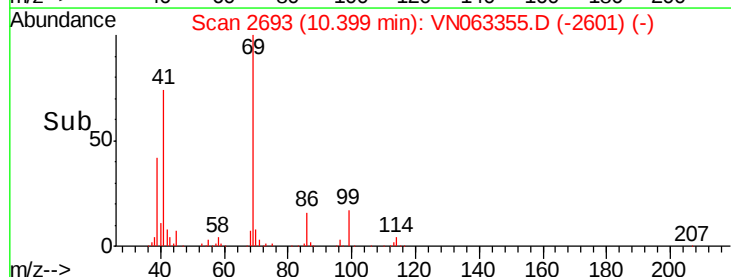
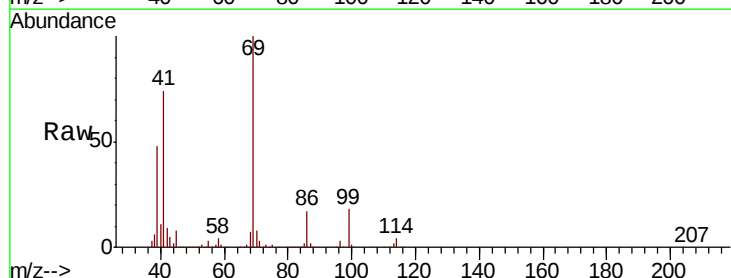
Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Tgt Ion: 69 Resp: 436815

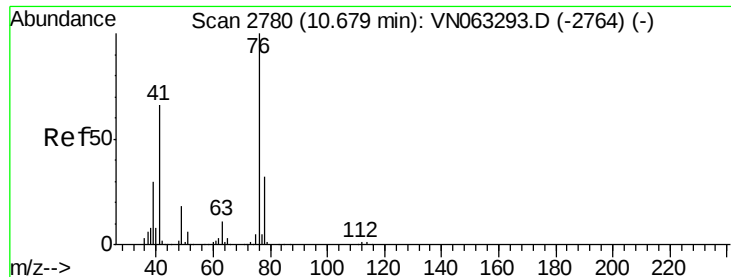
Ion	Ratio	Lower	Upper
69	100		
41	72.6	58.4	87.6
39	48.0	38.6	58.0



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

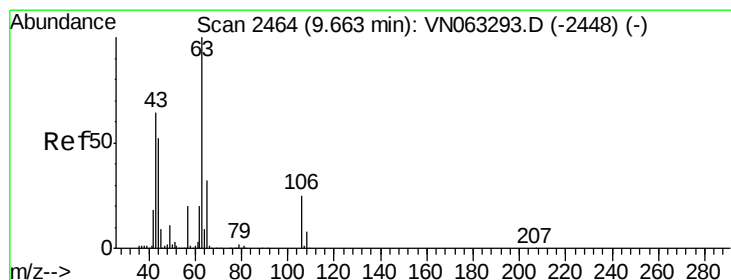
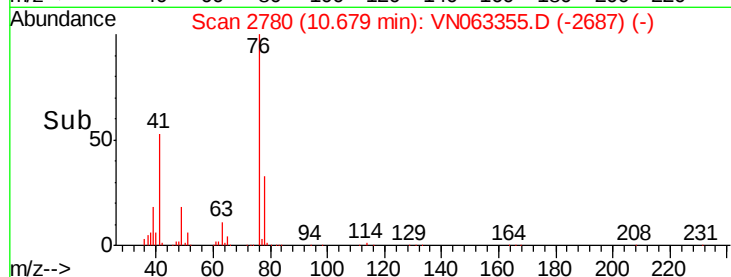
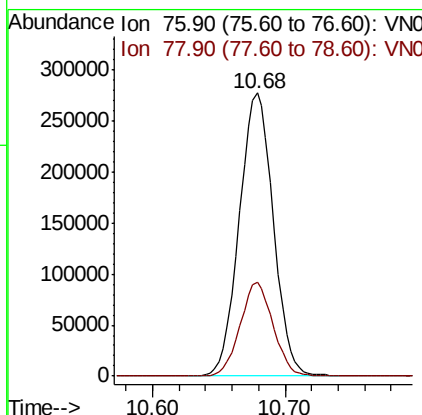
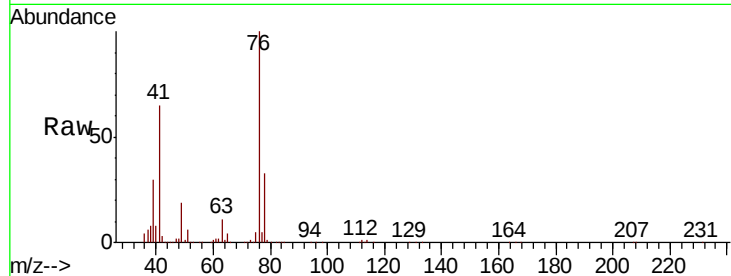
Ion 39.00 (38.70 to 39.70): VN0



#57
 1,3-Dichloropropane
 Concen: 48.063 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

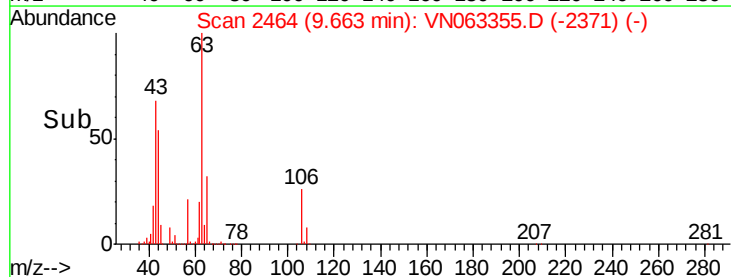
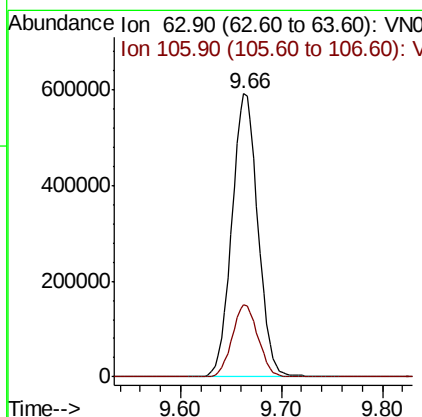
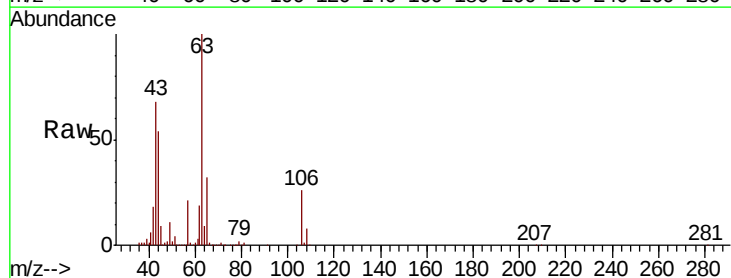
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

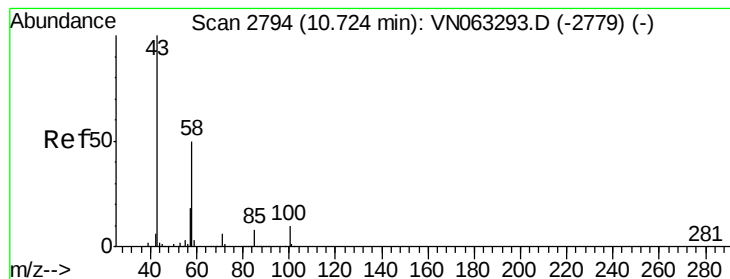
Tot Ion: 76 Resp: 493696
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 221.505 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Tgt Ion: 63 Resp: 1062074
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.2 30.4





#59

2-Hexanone

Concen: 251.071 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

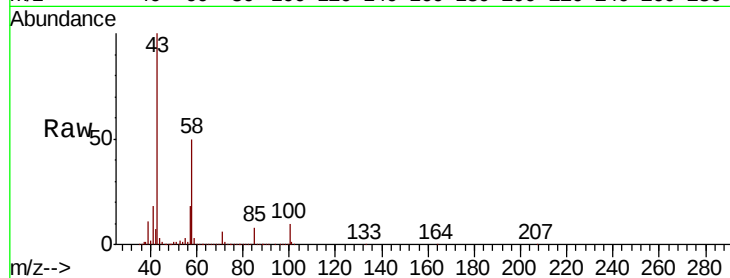
VSTDCCC050EC

Tot Ion: 43 Resp: 1462536

Ion Ratio Lower Upper

43 100

58 49.4 25.1 75.3



Abundance Ion 43.00 (42.70 to 43.70): VN063293.D (-2779) (-)

Ion 58.00 (57.70 to 58.70): VN063293.D (-2779) (-)

10.72

800000

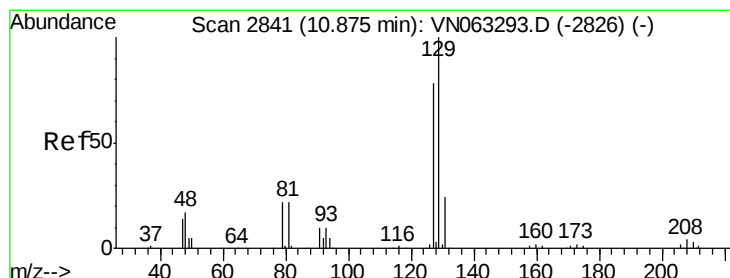
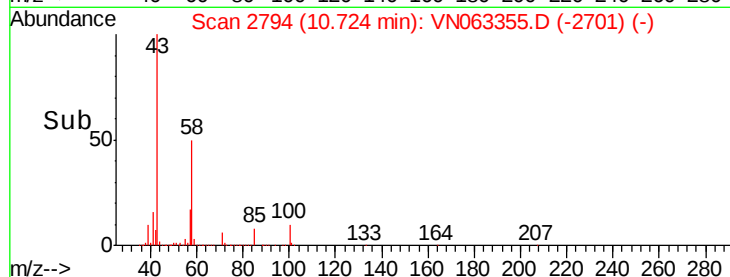
600000

400000

200000

0

Time-->



#60

Dibromochloromethane

Concen: 48.624 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VN063355.D

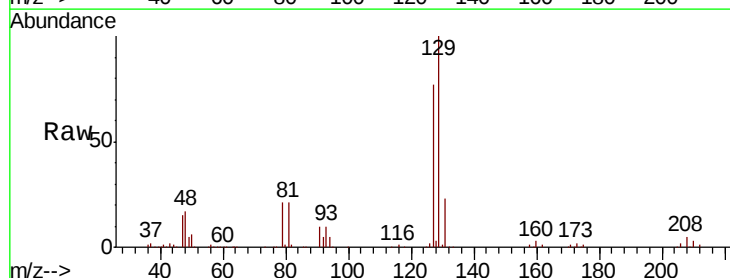
Acq: 14 Sep 2020 20:30

Tgt Ion: 129 Resp: 313868

Ion Ratio Lower Upper

129 100

127 78.0 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): VN063293.D (-2826) (-)

Ion 126.80 (126.50 to 127.50): VN063293.D (-2826) (-)

10.87

200000

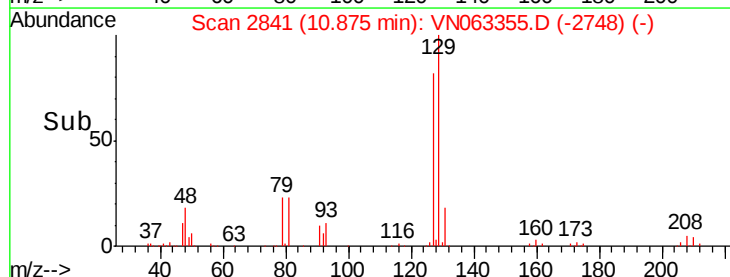
150000

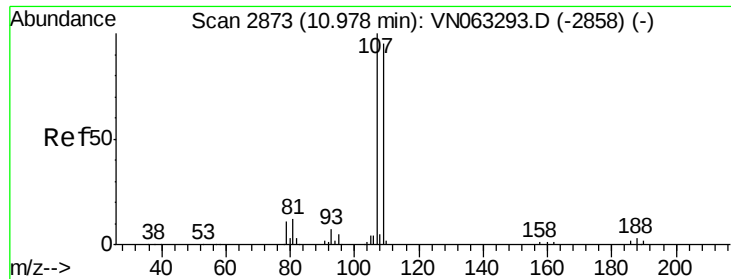
100000

50000

0

Time-->

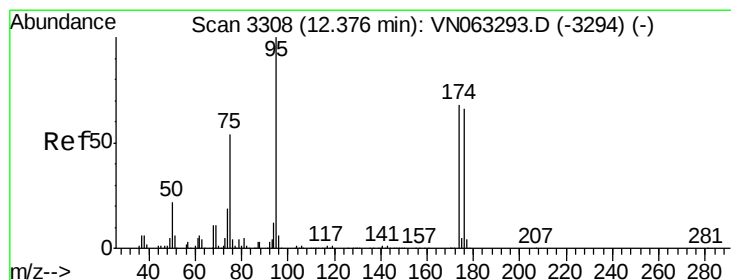
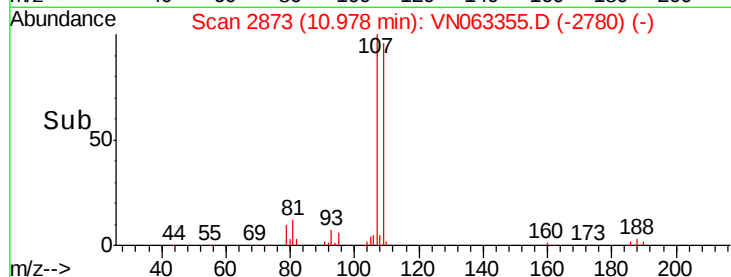
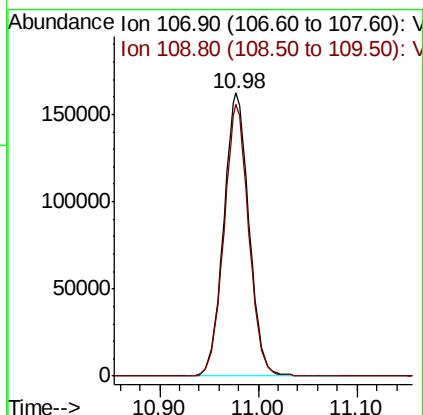
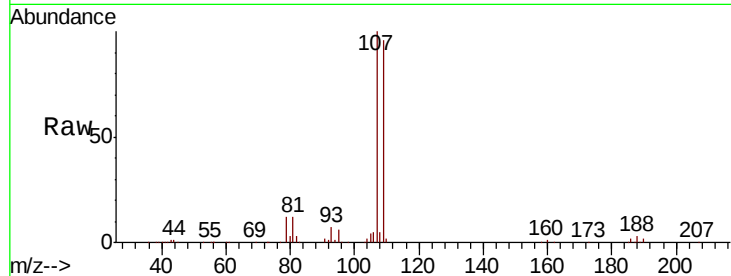




#61
 1,2-Dibromoethane
 Concen: 47.580 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

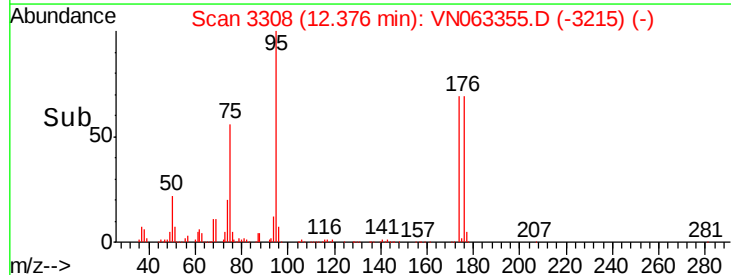
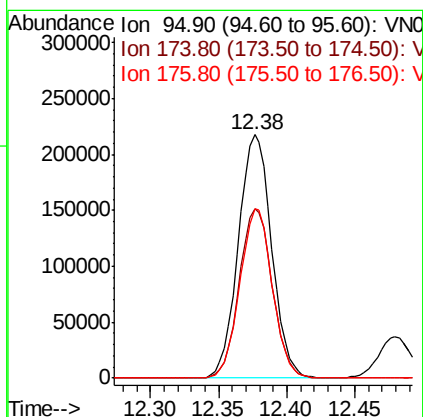
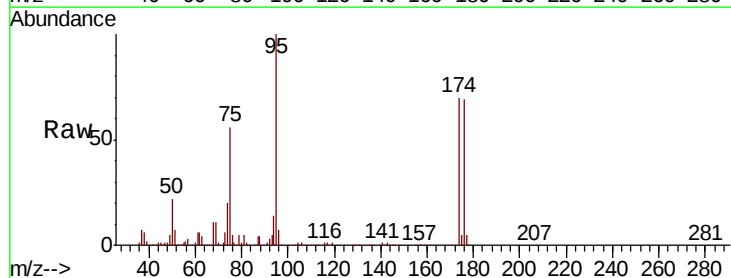
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

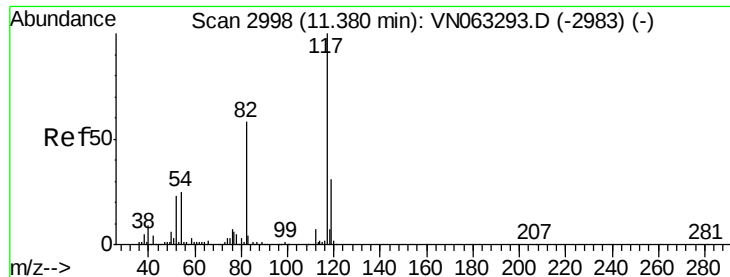
Tot Ion: 107 Resp: 291576
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 48.329 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Tgt Ion: 95 Resp: 369332
 Ion Ratio Lower Upper
 95 100
 174 69.1 0.0 136.6
 176 67.8 0.0 132.8

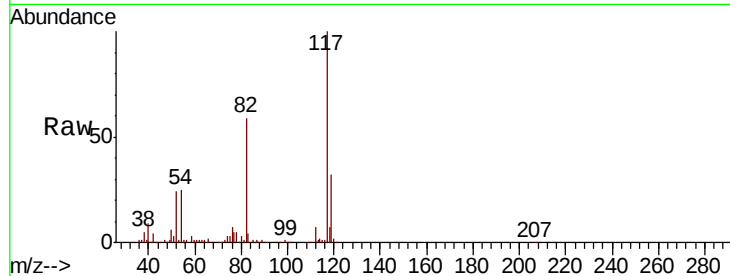




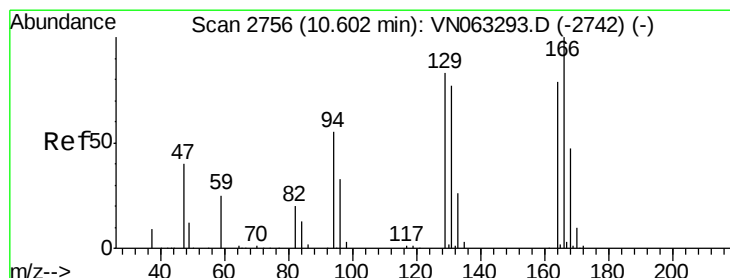
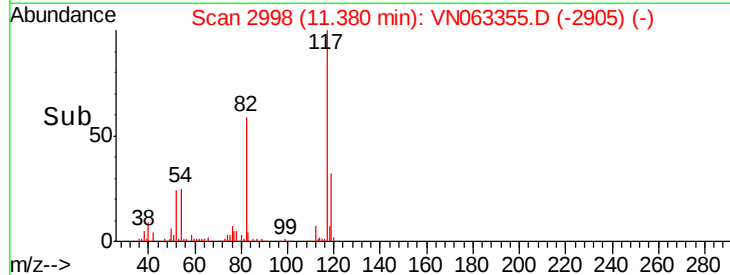
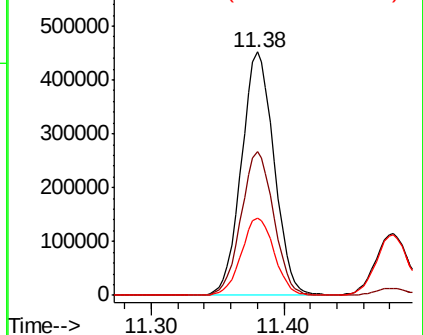
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 773017
Ion Ratio Lower Upper
117 100
82 58.9 46.4 69.6
119 31.8 24.8 37.2

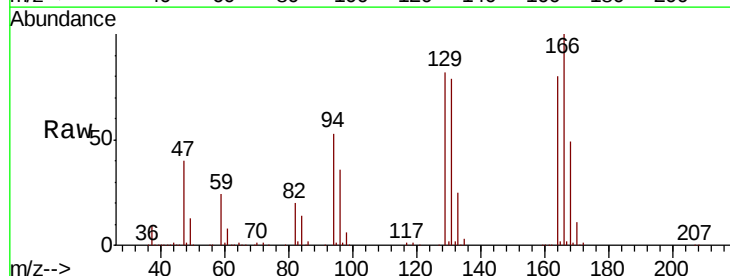


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

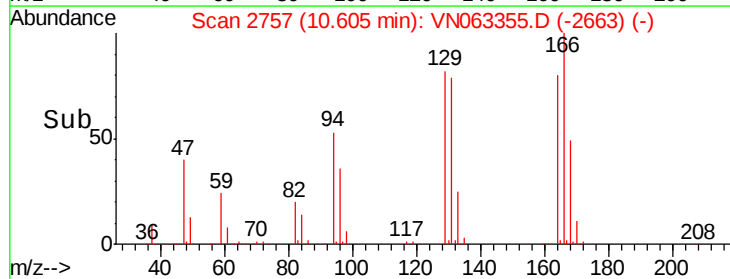
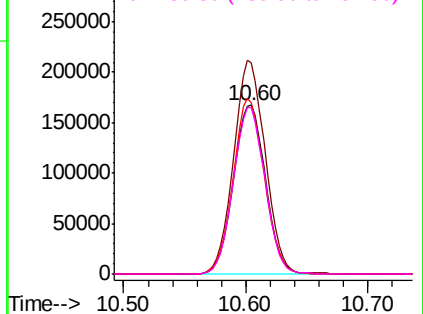


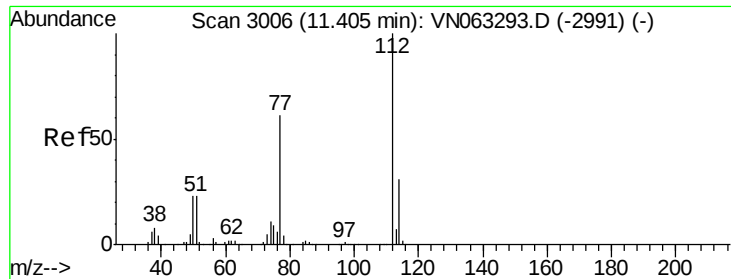
#64
Tetrachloroethene
Concen: 48.060 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion:164 Resp: 304342
Ion Ratio Lower Upper
164 100
166 125.2 101.3 151.9
129 102.1 83.7 125.5
131 98.4 78.2 117.4



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

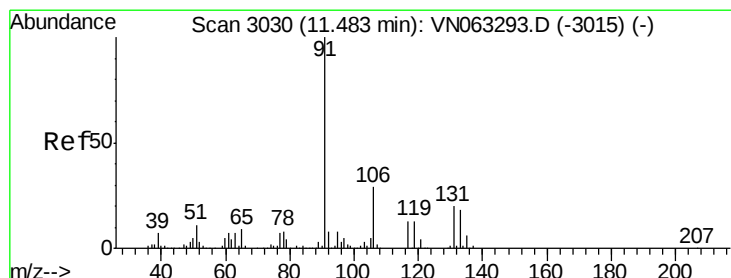
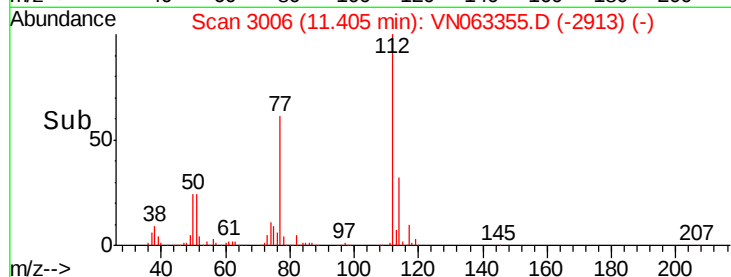
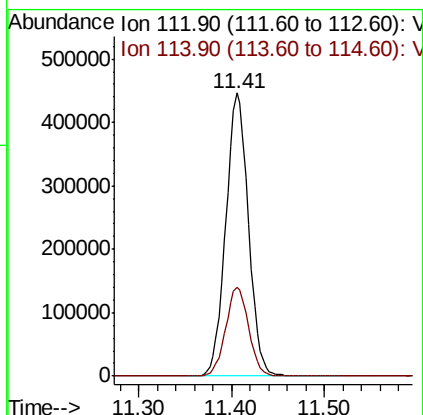
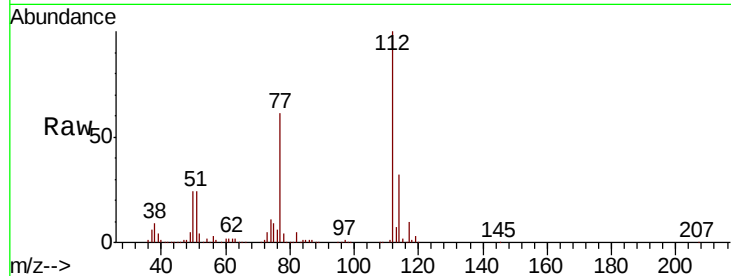




#65
Chlorobenzene
Concen: 45.315 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

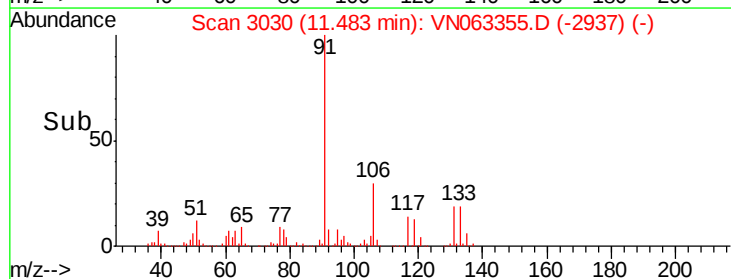
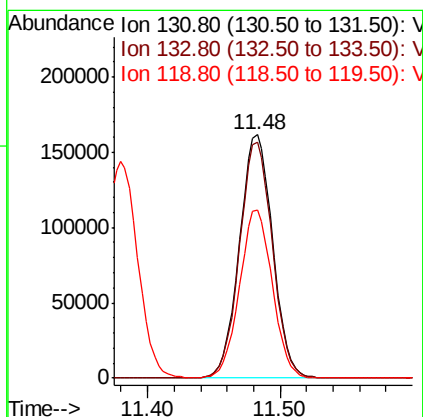
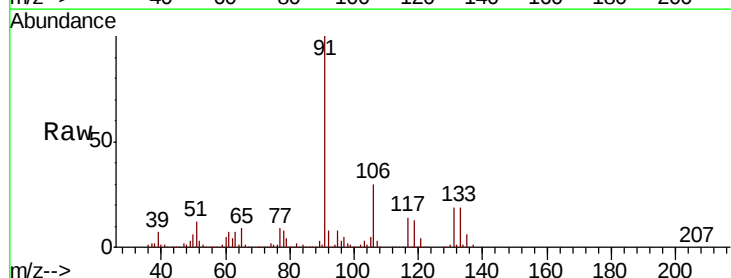
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

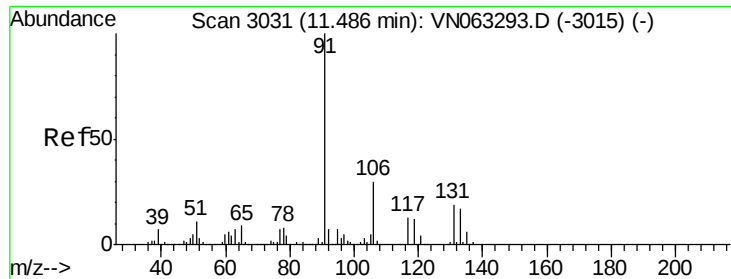
Tot Ion:112 Resp: 754121
Ion Ratio Lower Upper
112 100
114 31.5 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 46.363 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion:131 Resp: 281112
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.2
119 68.4 33.8 101.3

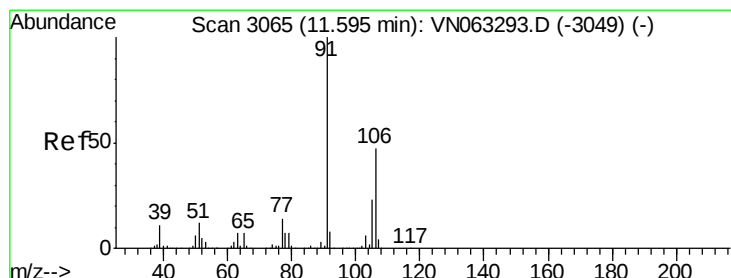
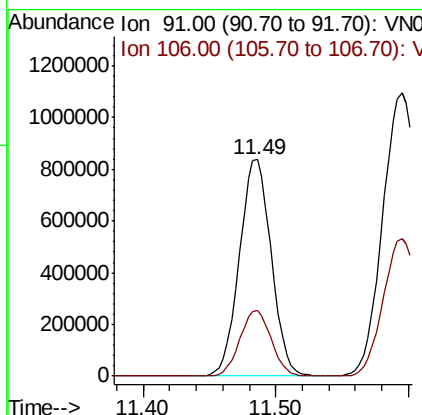
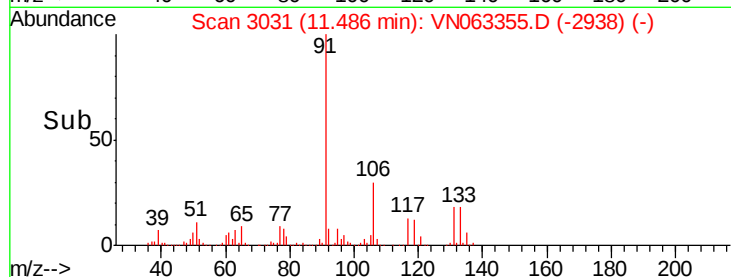
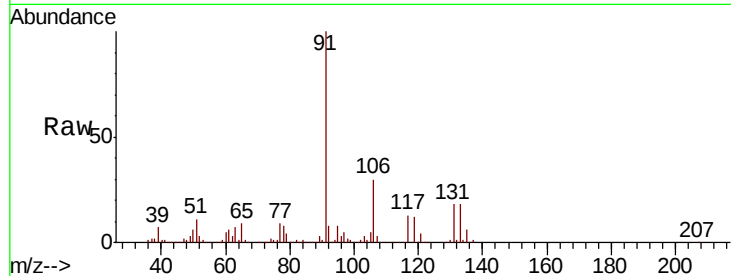




#67
Ethyl Benzene
Concen: 46.778 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

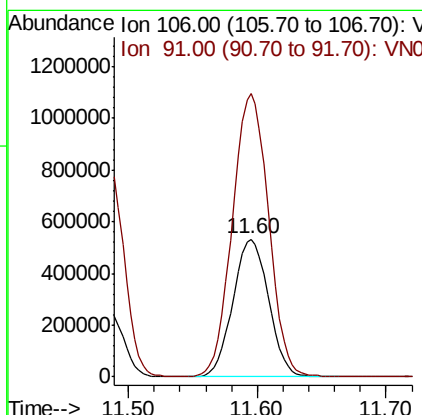
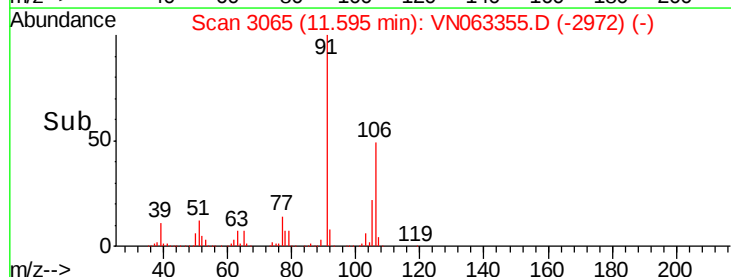
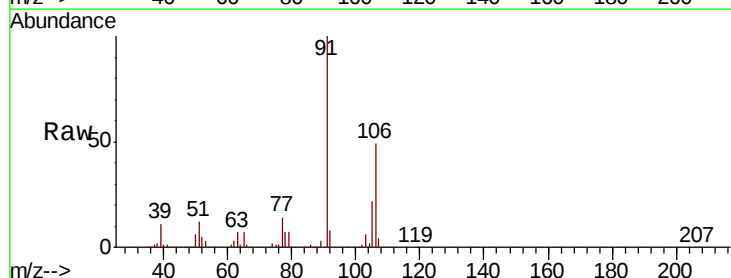
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

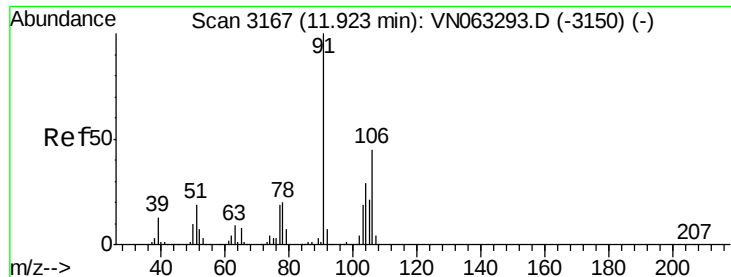
Tot Ion: 91 Resp: 1397533
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6



#68
m/p-Xylenes
Concen: 92.413 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion: 106 Resp: 1021279
Ion Ratio Lower Upper
106 100
91 209.0 169.8 254.8

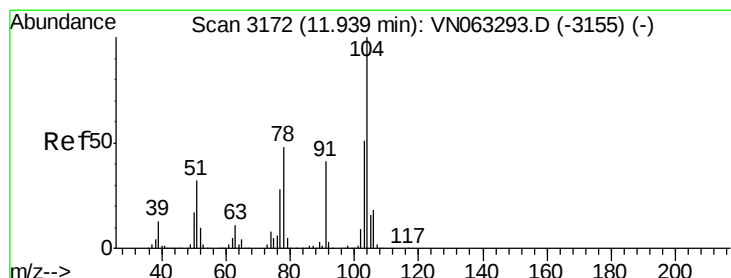
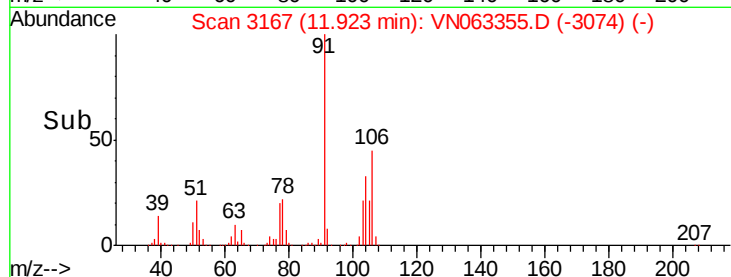
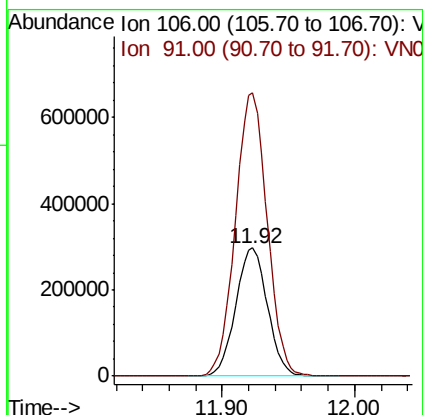
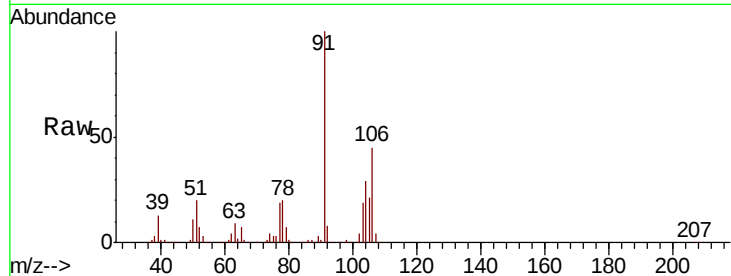




#69
o-Xylene
Concen: 46.534 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

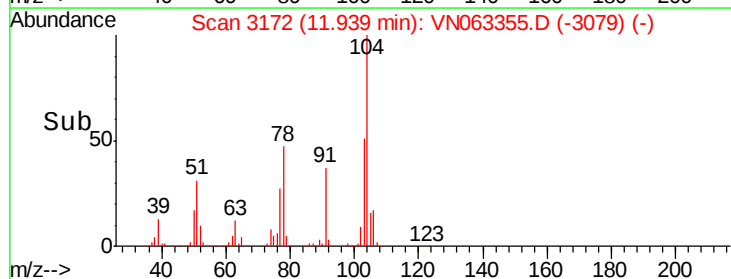
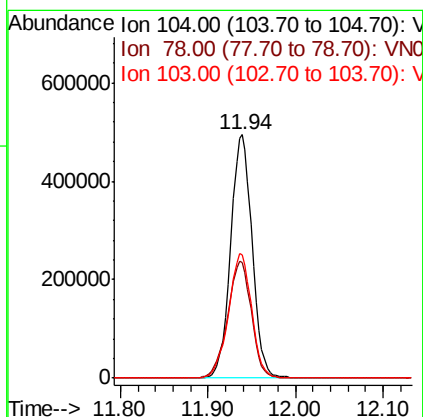
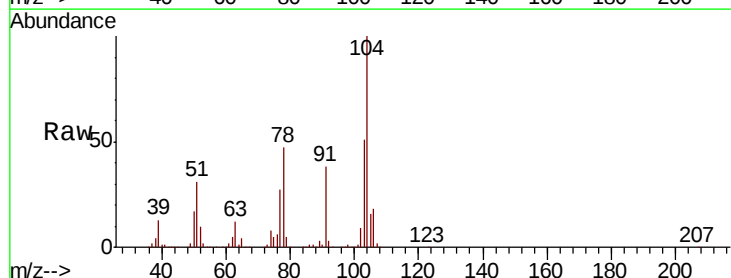
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

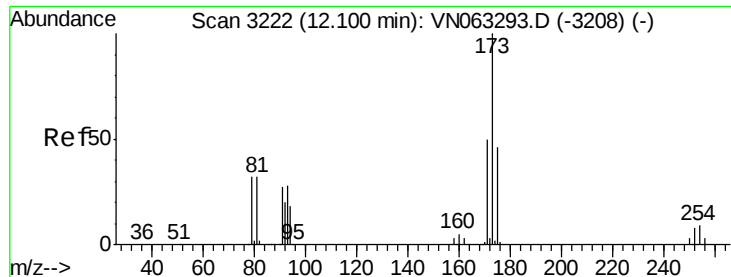
Tot Ion:106 Resp: 493521
Ion Ratio Lower Upper
106 100
91 222.0 111.5 334.4



#70
Styrene
Concen: 47.868 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion:104 Resp: 843761
Ion Ratio Lower Upper
104 100
78 53.0 42.9 64.3
103 54.9 44.2 66.2





#71

Bromoform

Concen: 48.300 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

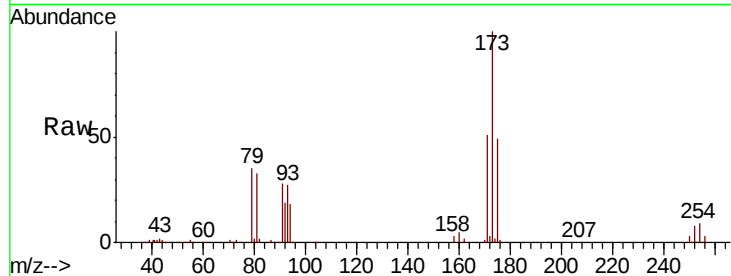
Tot Ion:173 Resp: 202556

Ion Ratio Lower Upper

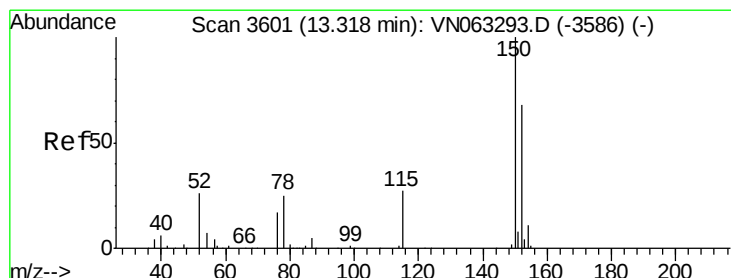
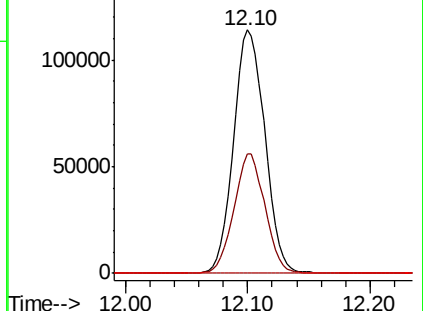
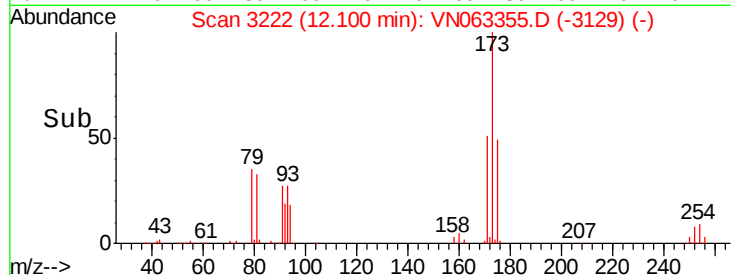
173 100

175 48.6 23.8 71.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

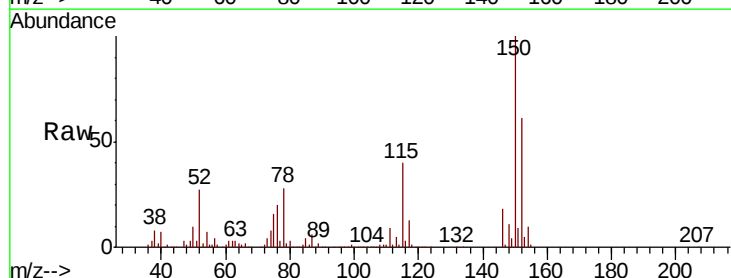
Tgt Ion:152 Resp: 357713

Ion Ratio Lower Upper

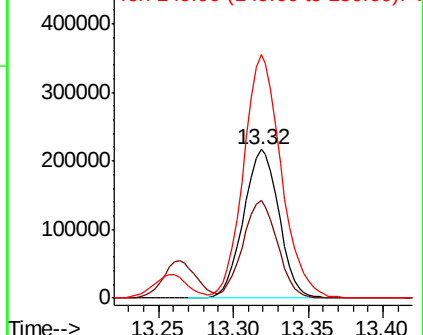
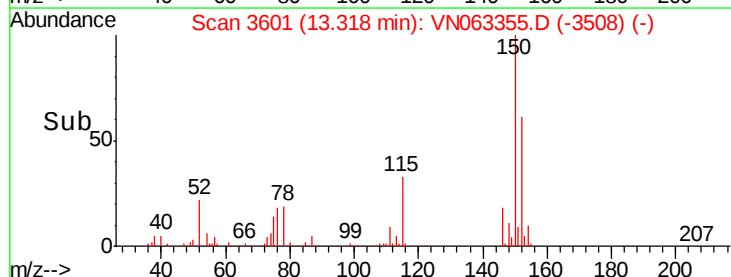
152 100

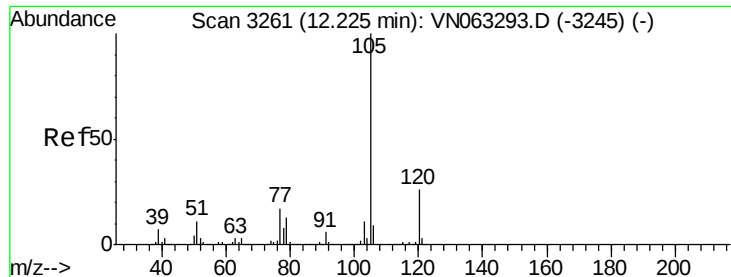
115 64.1 31.5 94.5

150 173.6 0.0 344.0



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

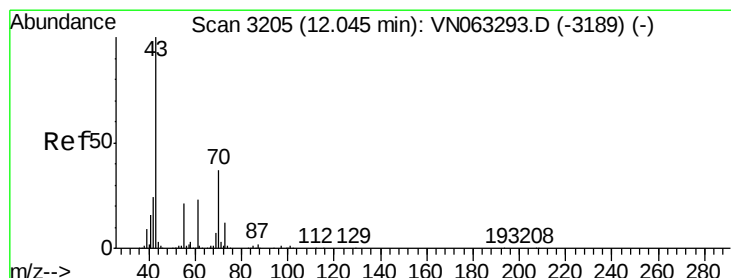
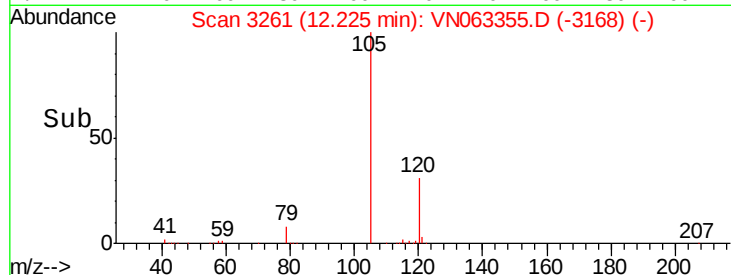
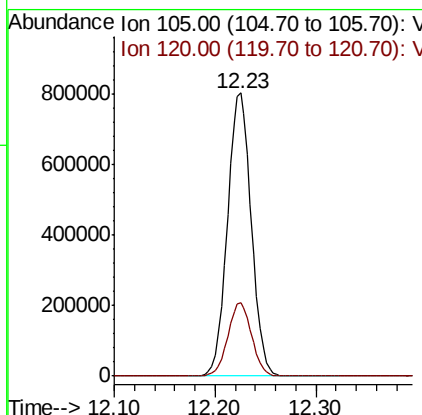
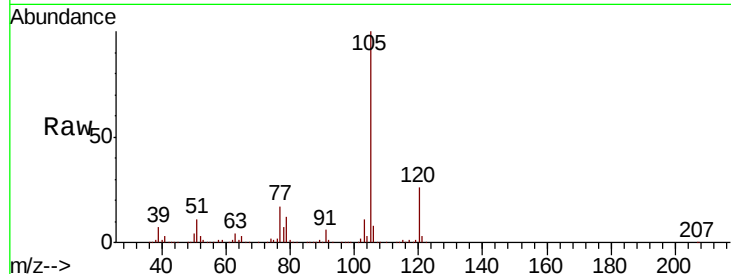




#73
Isopropylbenzene
Concen: 45.842 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

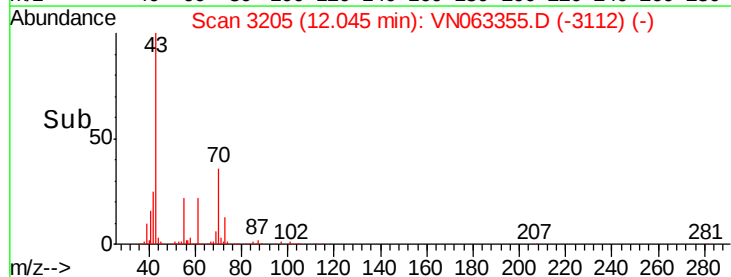
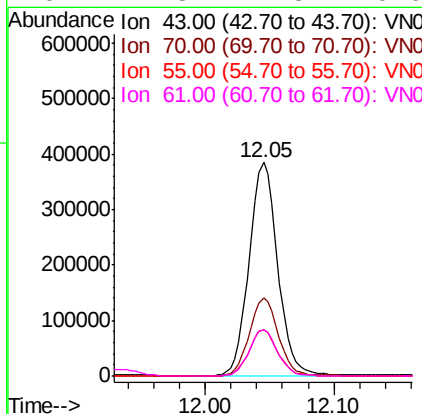
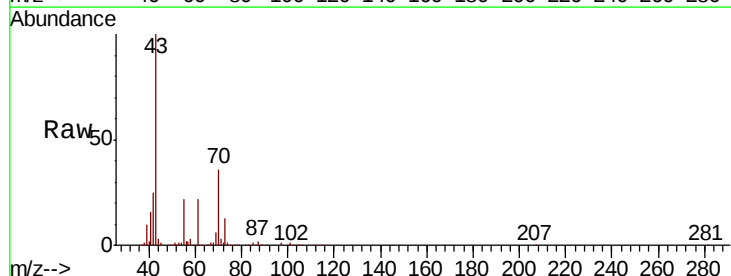
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

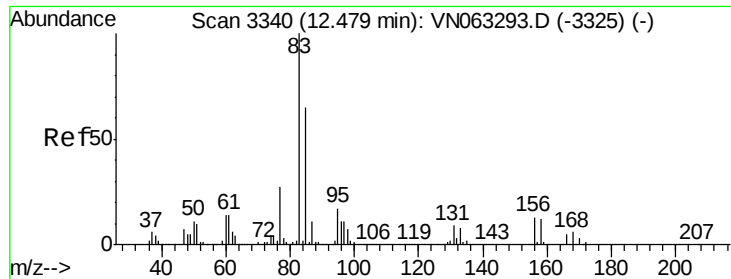
Tot Ion:105 Resp: 1322673
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 50.230 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion: 43 Resp: 595009
Ion Ratio Lower Upper
43 100
70 37.4 29.3 43.9
55 22.0 17.0 25.6
61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.937 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

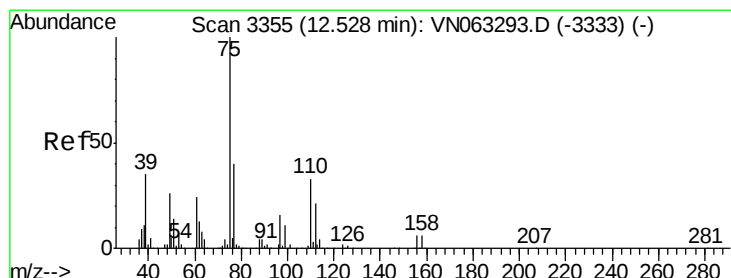
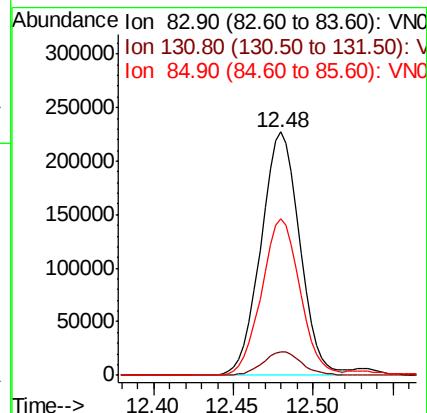
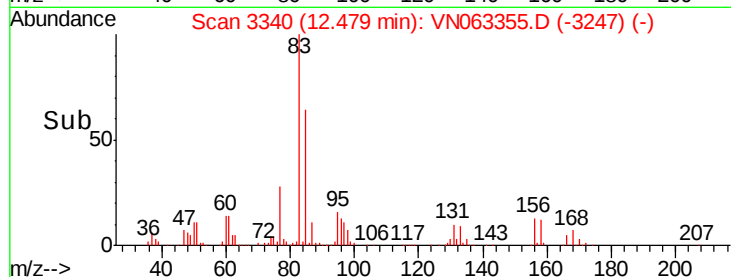
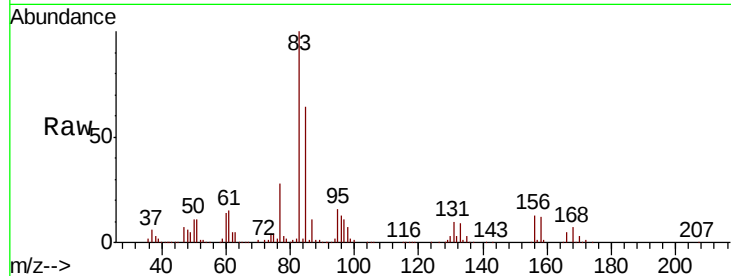
Tot Ion: 83 Resp: 379595

Ion Ratio Lower Upper

83 100

131 9.8 4.7 14.1

85 64.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 69.595 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063355.D

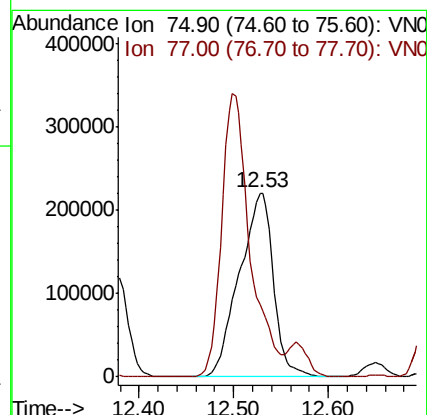
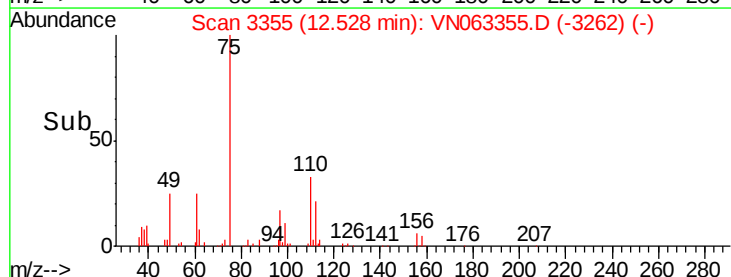
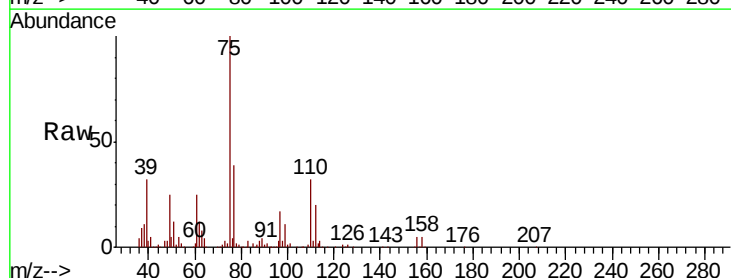
Acq: 14 Sep 2020 20:30

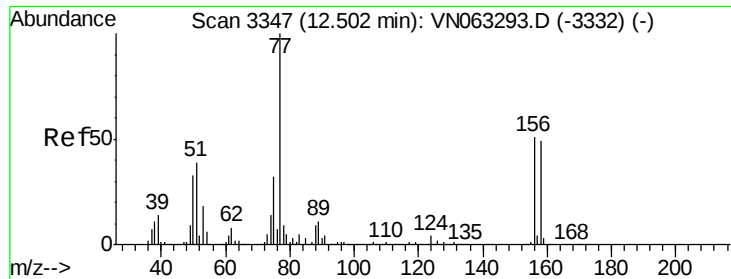
Tgt Ion: 75 Resp: 549225

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.558 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

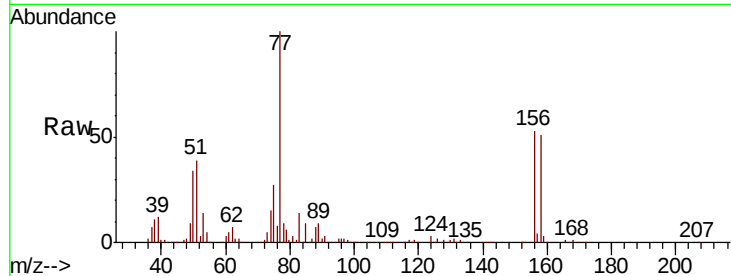
Tot Ion:156 Resp: 308783

Ion Ratio Lower Upper

156 100

77 229.9 117.4 352.2

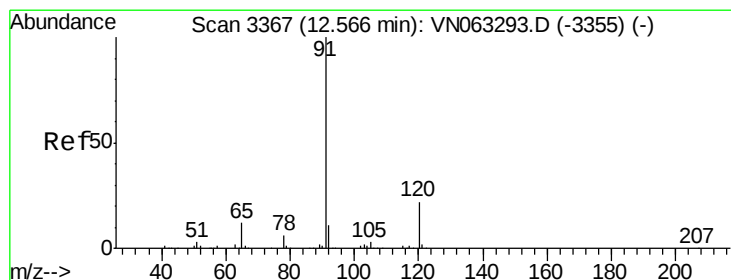
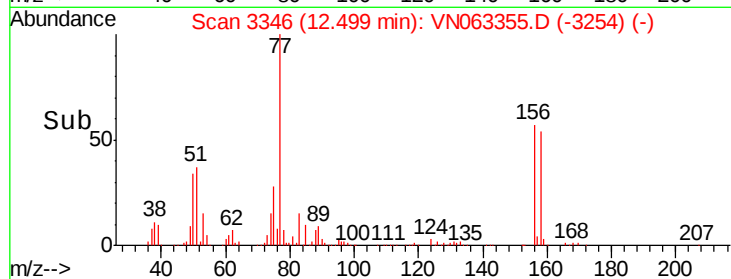
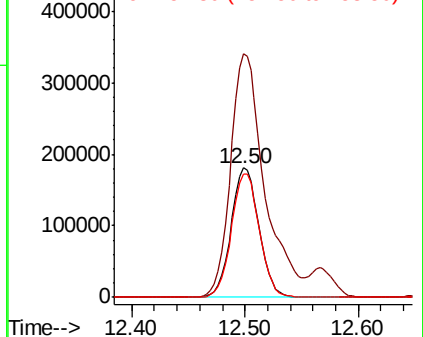
158 96.2 48.8 146.4



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: 46.733 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063355.D

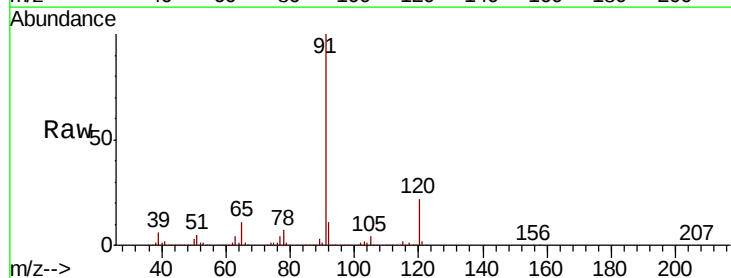
Acq: 14 Sep 2020 20:30

Tgt Ion: 91 Resp: 1531795

Ion Ratio Lower Upper

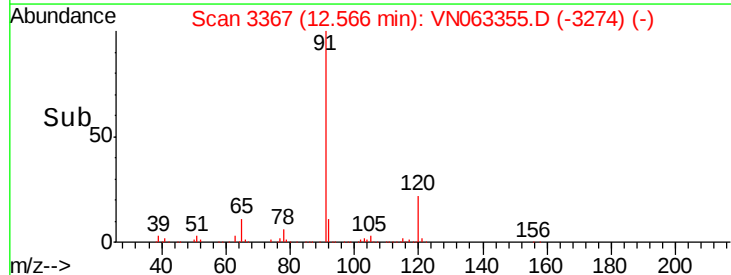
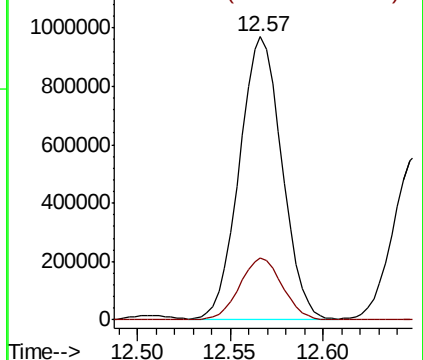
91 100

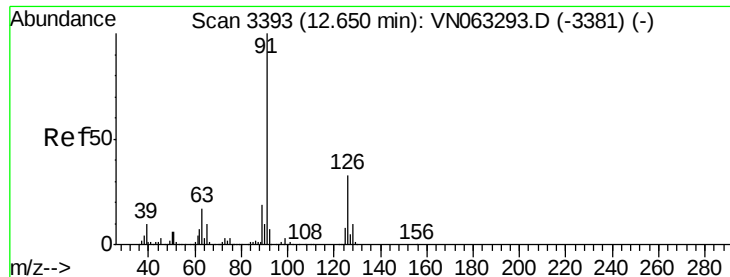
120 22.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

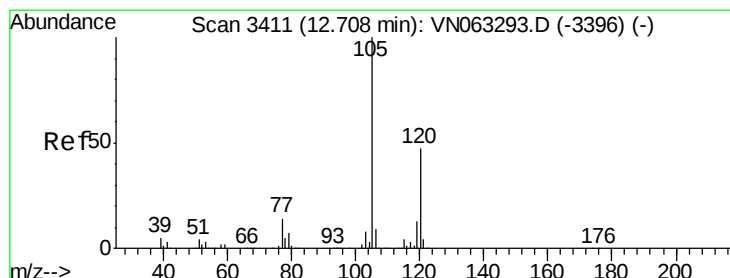
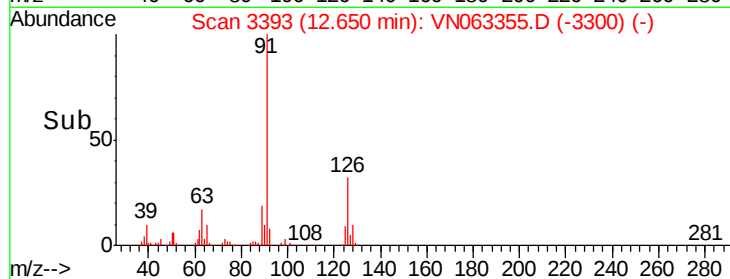
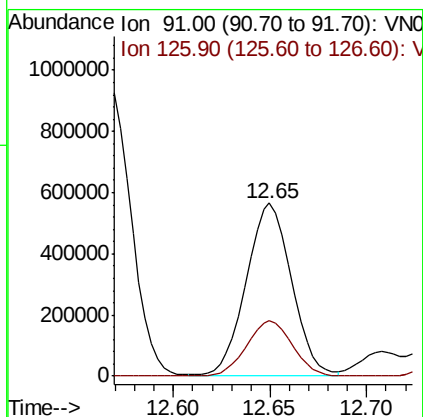
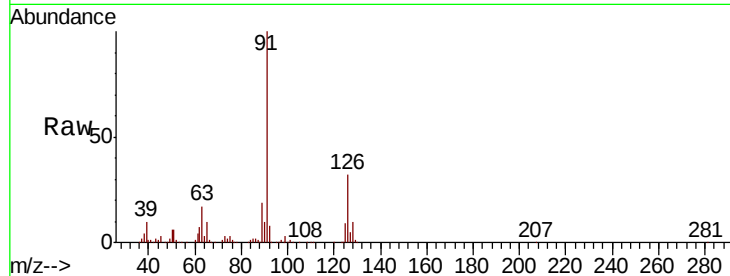




#79
 2-Chlorotoluene
 Concen: 45.411 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

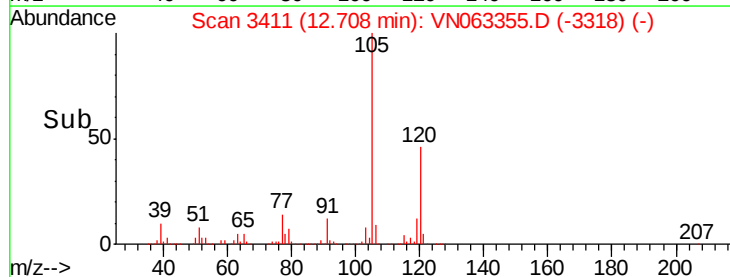
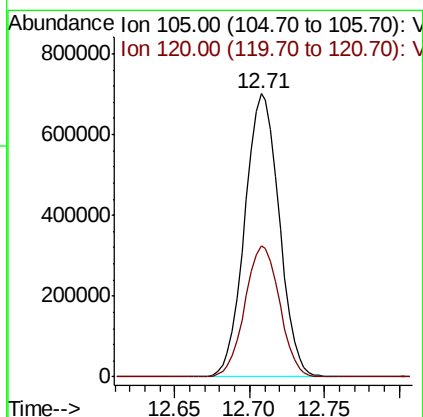
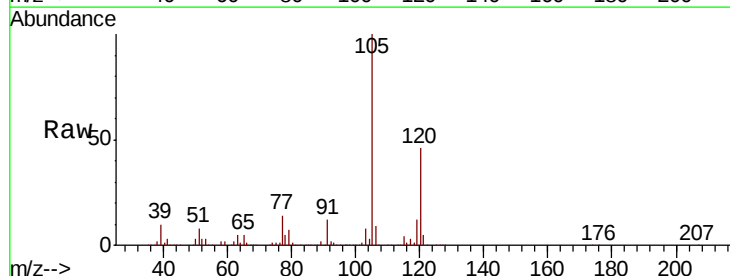
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

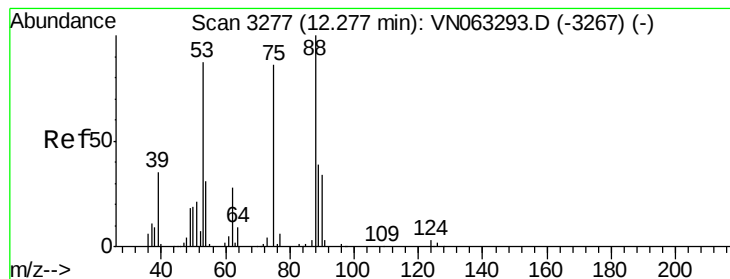
Tot Ion: 91 Resp: 915214
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 46.801 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Tgt Ion: 105 Resp: 1121261
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.720 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

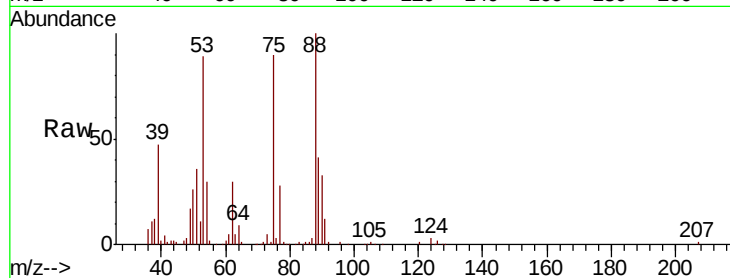
Tot Ion: 75 Resp: 134290

Ion Ratio Lower Upper

75 100

53 100.6 81.8 122.8

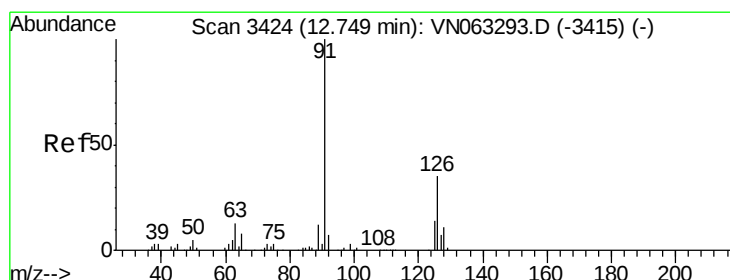
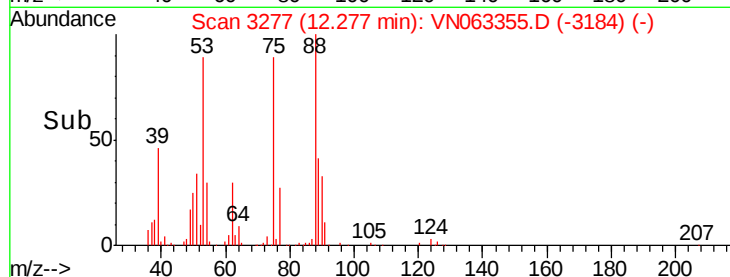
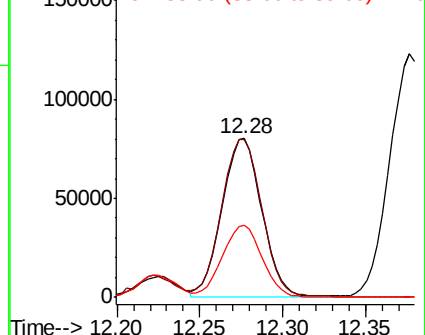
89 45.6 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 44.477 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063355.D

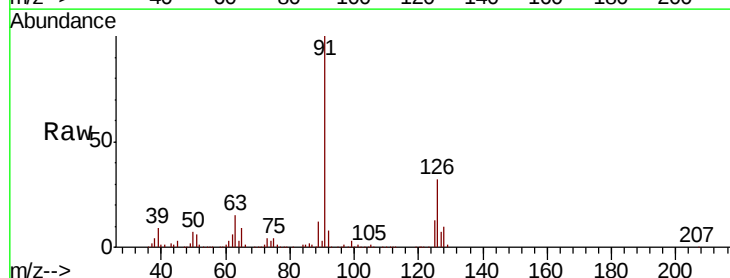
Acq: 14 Sep 2020 20:30

Tgt Ion: 91 Resp: 939652

Ion Ratio Lower Upper

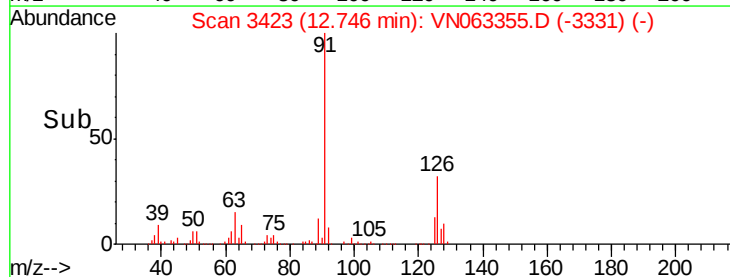
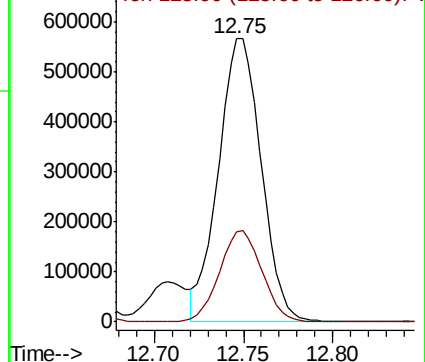
91 100

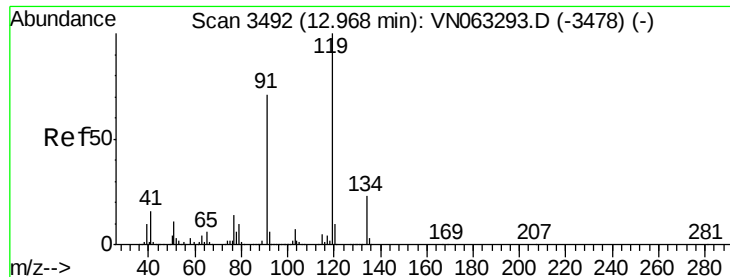
126 32.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 45.374 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

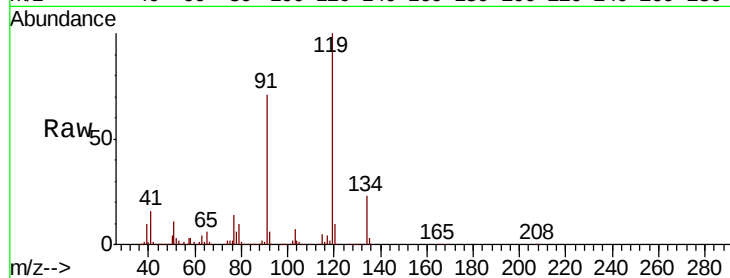
Tot Ion:119 Resp: 921939

Ion Ratio Lower Upper

119 100

91 69.2 34.8 104.3

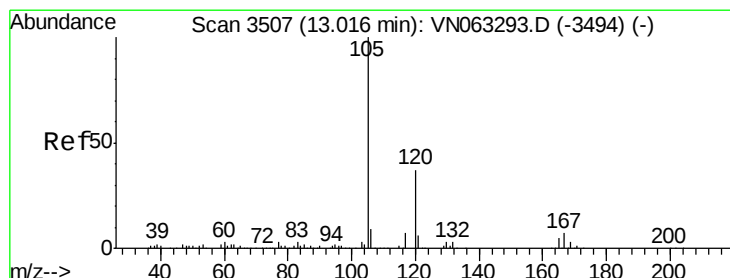
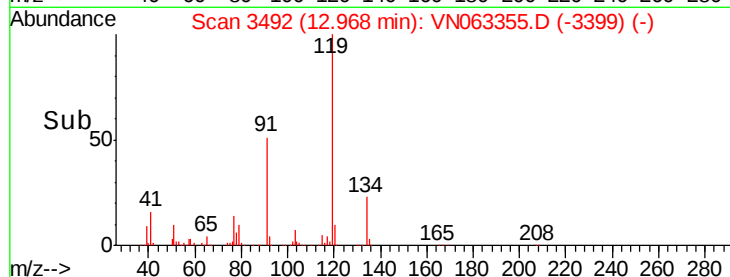
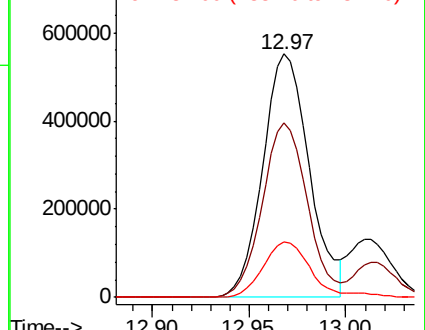
134 23.6 11.9 35.5



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: 47.187 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.00 min

Lab File: VN063355.D

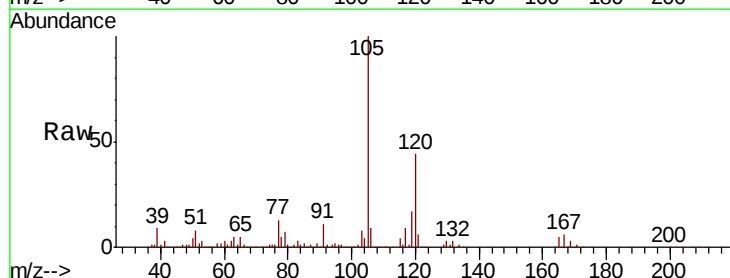
Acq: 14 Sep 2020 20:30

Tgt Ion:105 Resp: 1139493

Ion Ratio Lower Upper

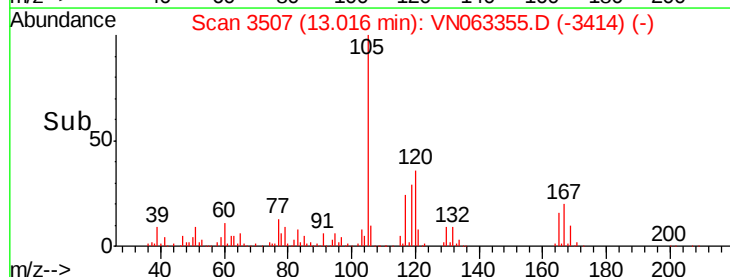
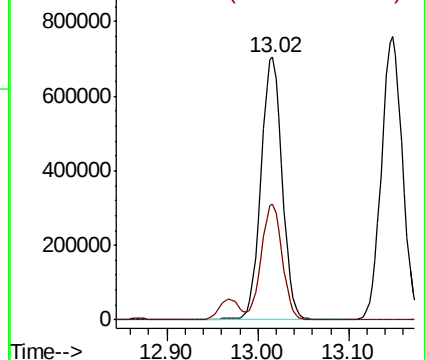
105 100

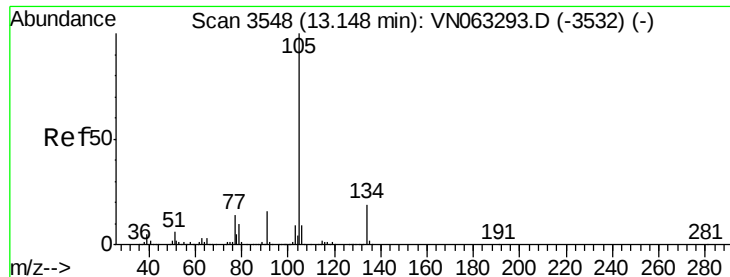
120 43.4 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.088 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

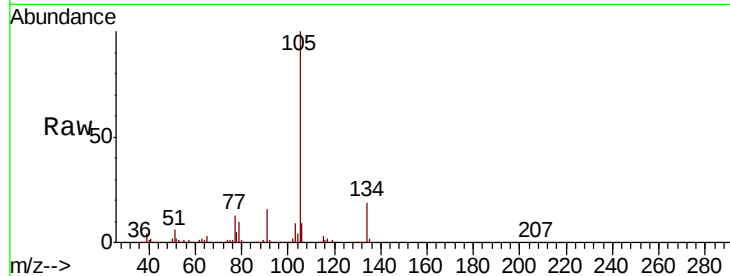
VSTDCCC050EC

Tot Ion:105 Resp: 1217257

Ion Ratio Lower Upper

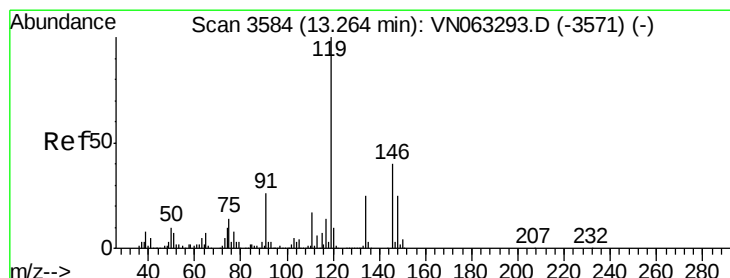
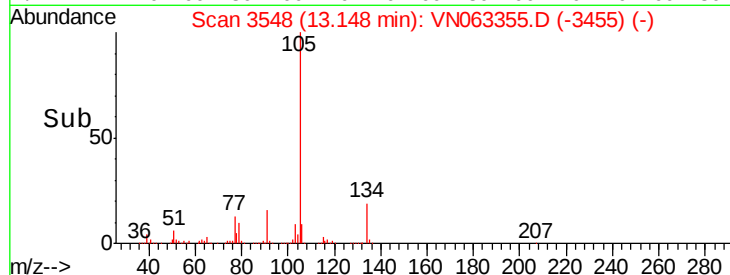
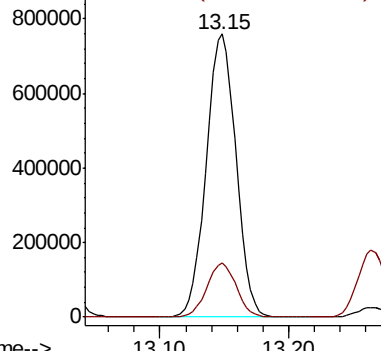
105 100

134 18.8 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.169 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

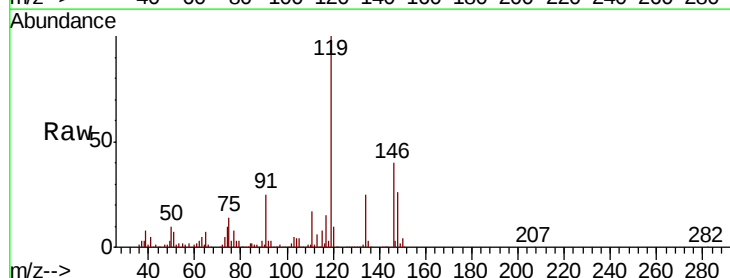
Tgt Ion:119 Resp: 1094155

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

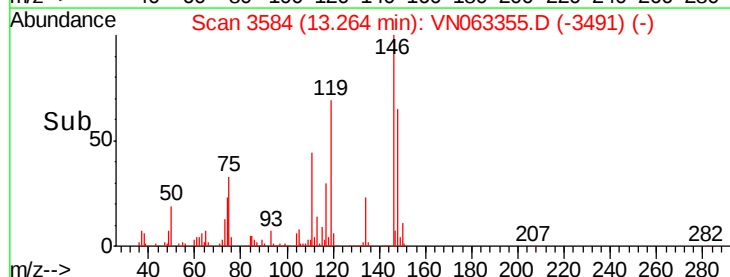
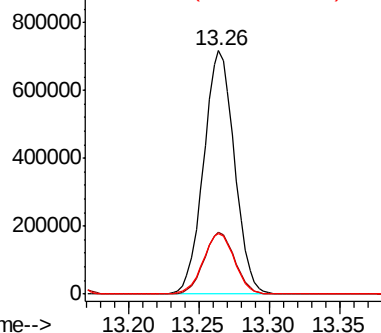
91 25.0 12.8 38.3

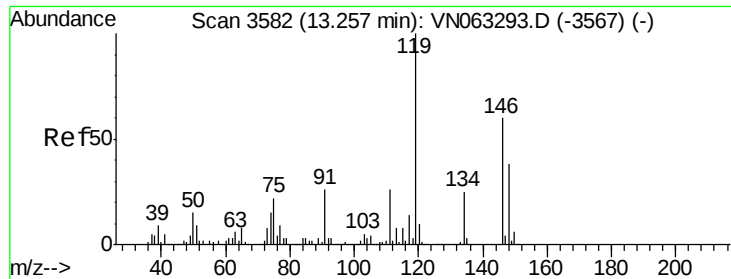


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

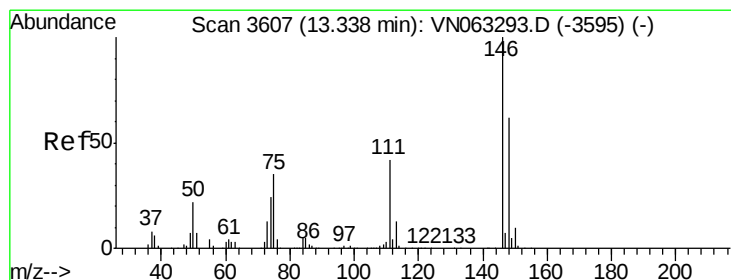
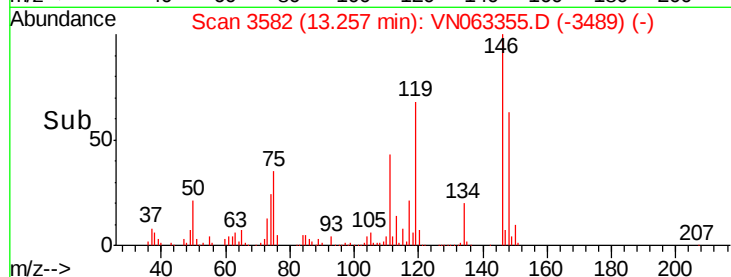
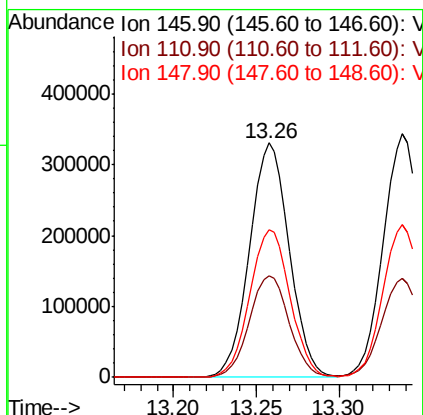
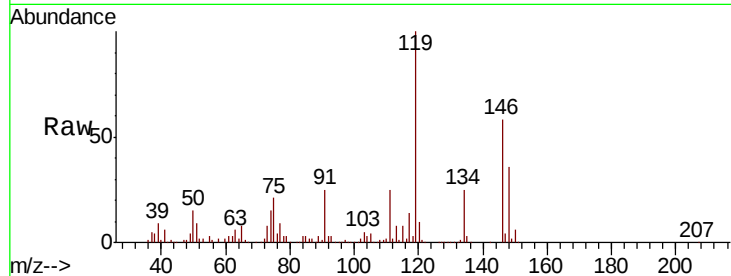




#87
 1,3-Dichlorobenzene
 Concen: 45.487 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

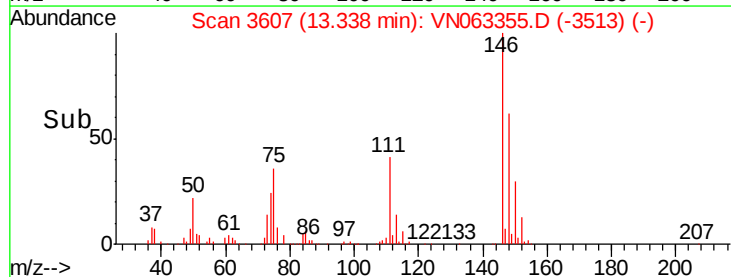
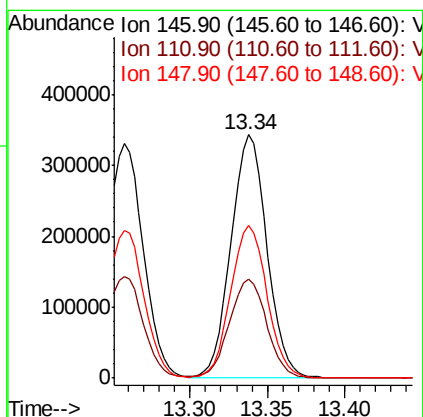
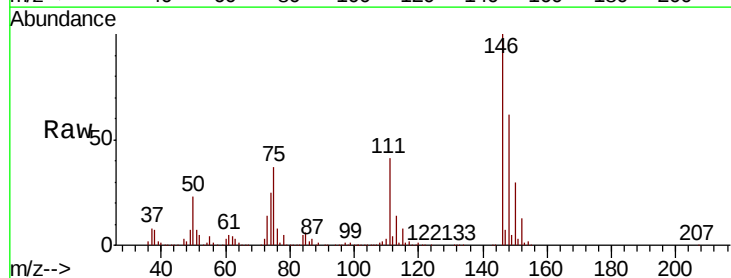
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

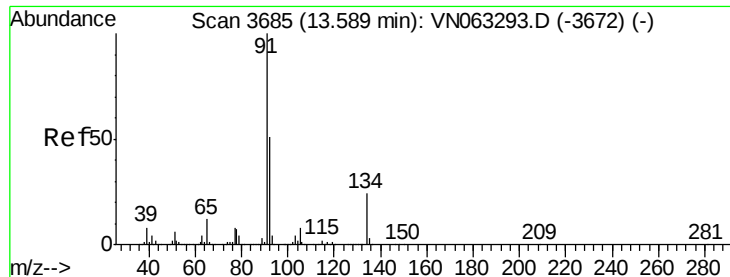
Tot Ion:146 Resp: 551516
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.8 65.4
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.532 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Tgt Ion:146 Resp: 551693
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 64.0
 148 63.6 31.5 94.5

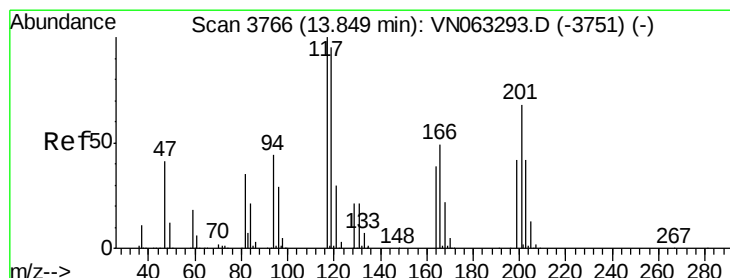
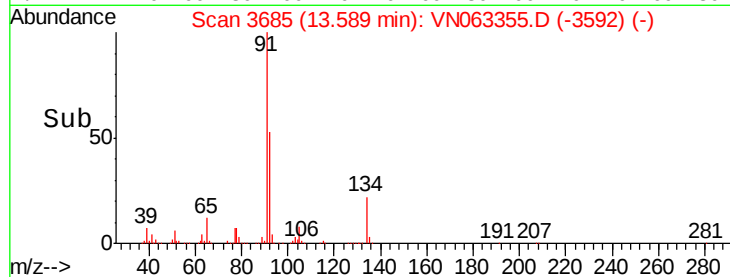
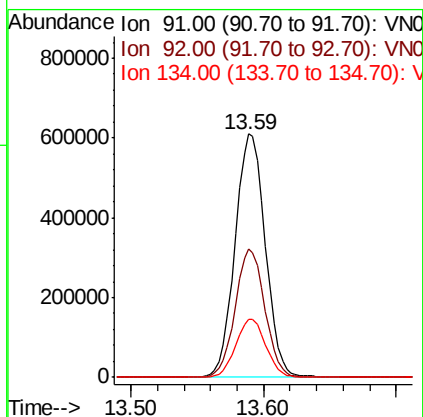
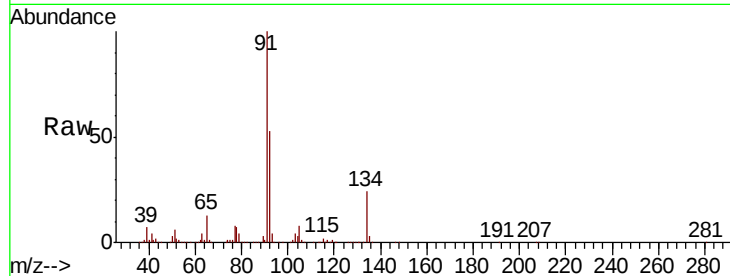




#89
n-Butylbenzene
Concen: 45.182 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

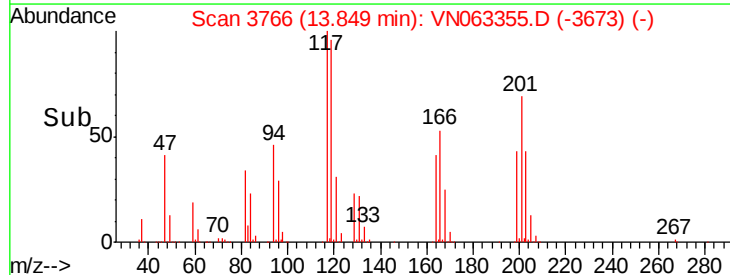
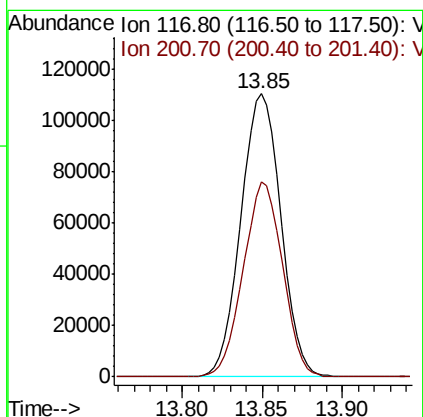
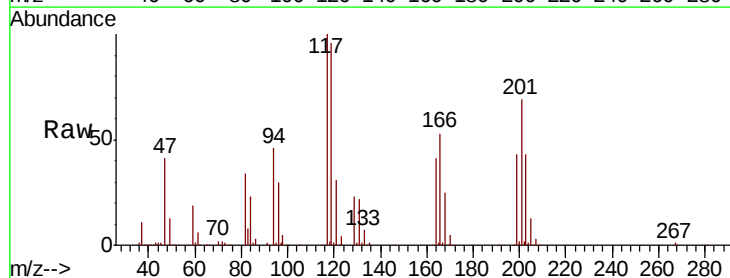
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

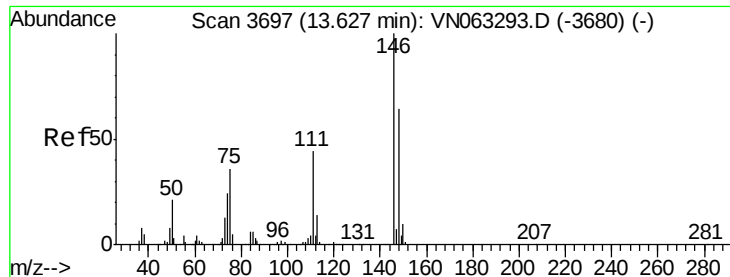
Tot Ion: 91 Resp: 966599
Ion Ratio Lower Upper
91 100
92 51.8 25.8 77.3
134 23.7 12.0 36.0



#90
Hexachloroethane
Concen: 48.580 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063355.D
Acq: 14 Sep 2020 20:30

Tgt Ion: 117 Resp: 189377
Ion Ratio Lower Upper
117 100
201 67.6 33.5 100.4

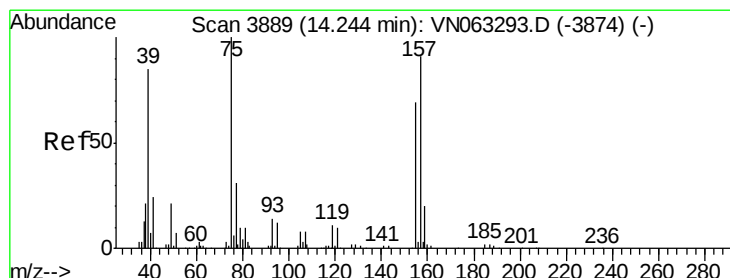
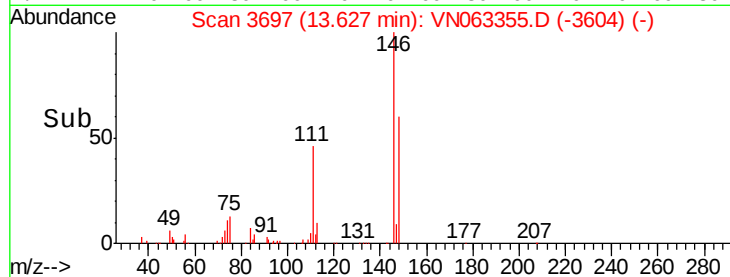
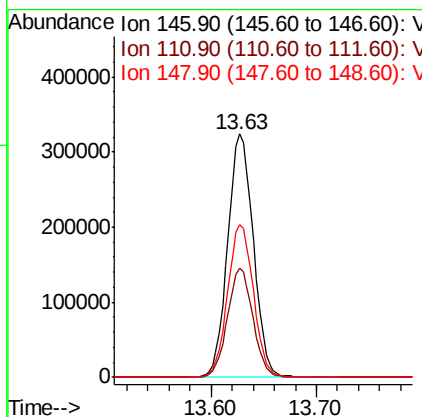
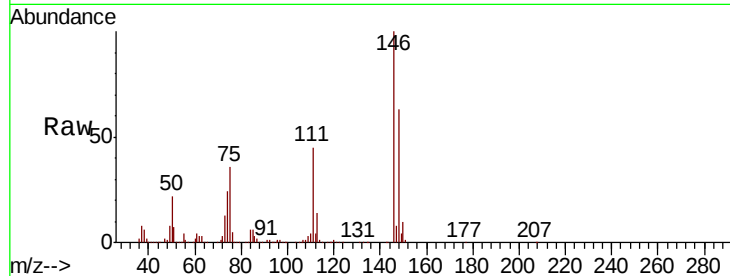




#91
 1,2-Dichlorobenzene
 Concen: 45.551 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

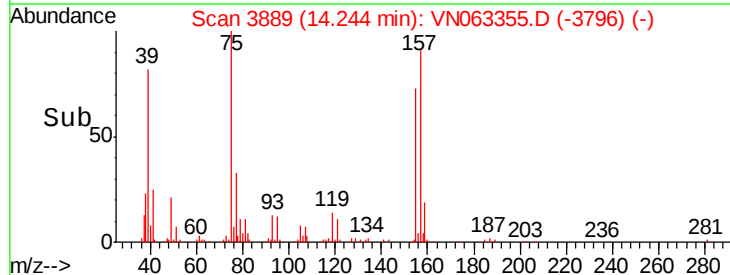
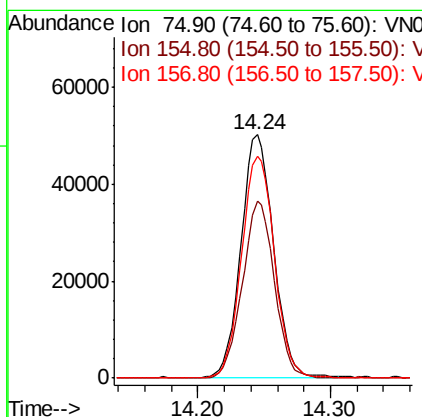
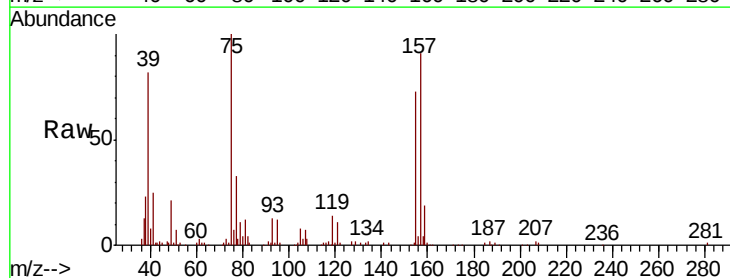
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

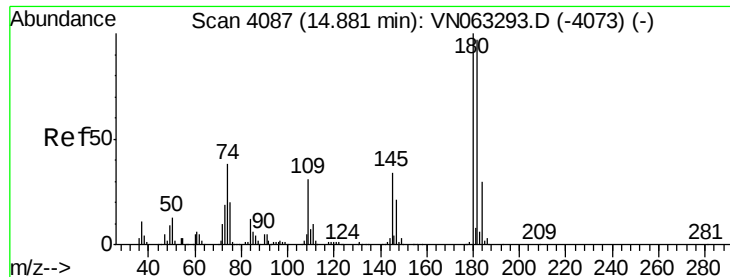
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.1	66.5
148	63.0	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.699 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	35.3	105.7
157	92.0	46.7	140.0

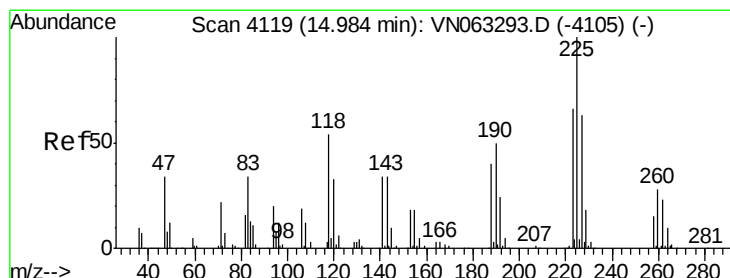
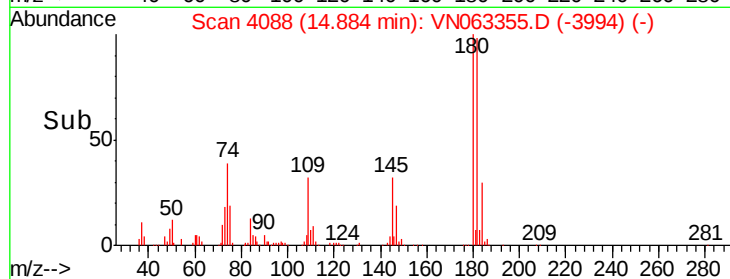
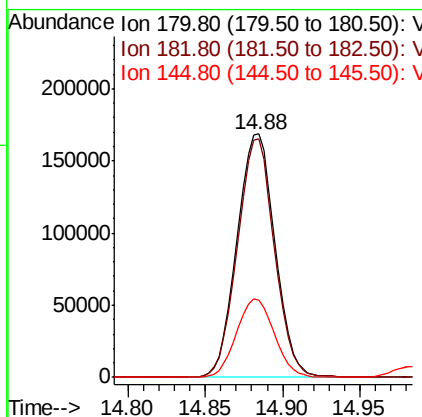
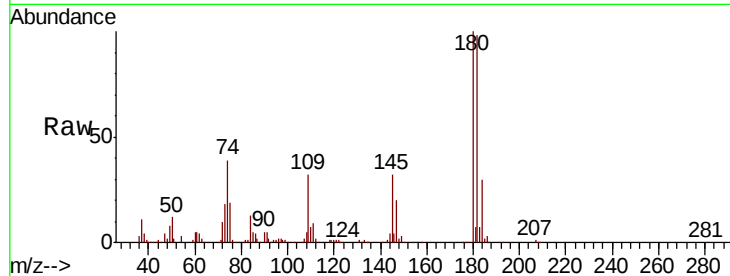




#93
 1,2,4-Trichlorobenzene
 Concen: 41.044 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

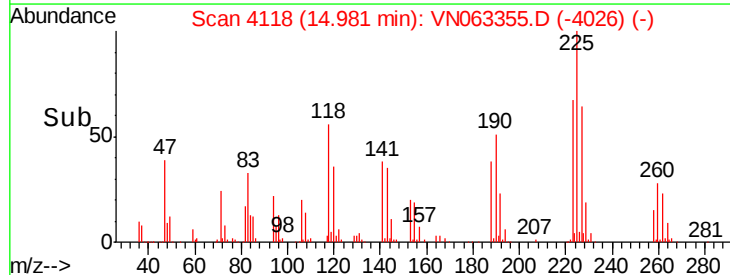
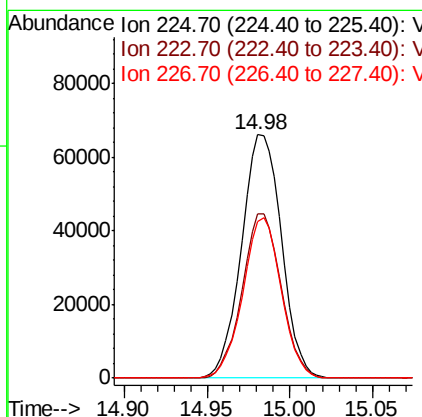
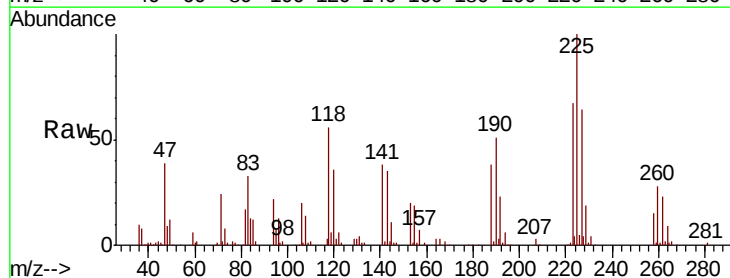
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

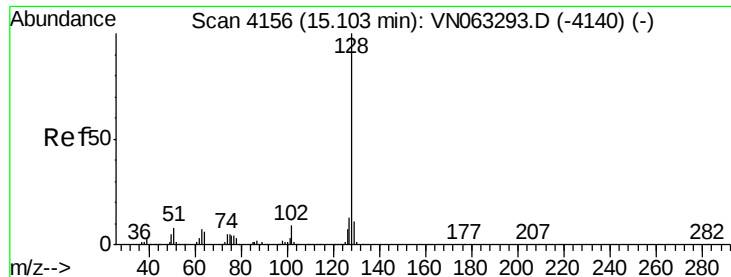
Tot Ion:180 Resp: 287902
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.0 144.2
 145 32.3 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 43.934 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063355.D
 Acq: 14 Sep 2020 20:30

Tgt Ion:225 Resp: 111477
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.3 93.9
 227 63.0 31.2 93.6





#95

Naphthalene

Concen: 44.685 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

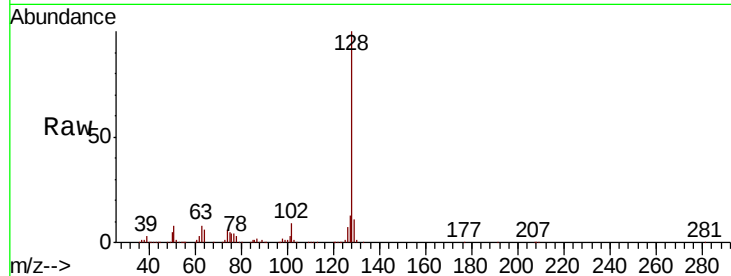
Tot Ion:128 Resp: 943355

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

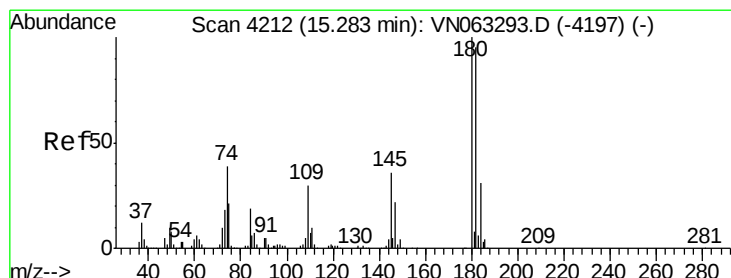
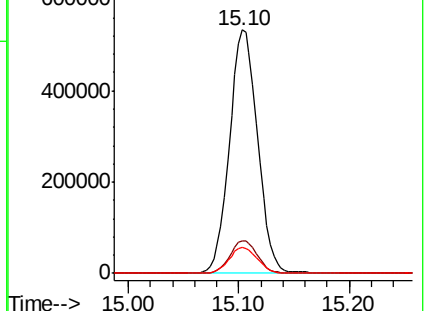
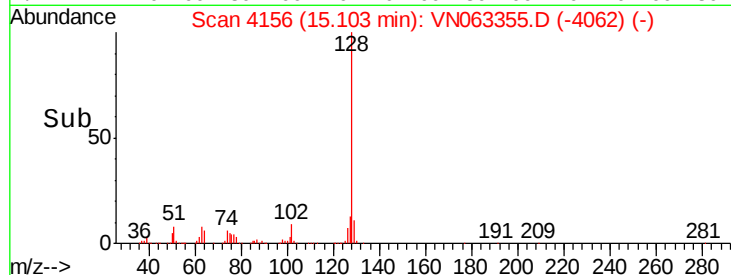
129 10.7 8.6 12.8



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: 43.217 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063355.D

Acq: 14 Sep 2020 20:30

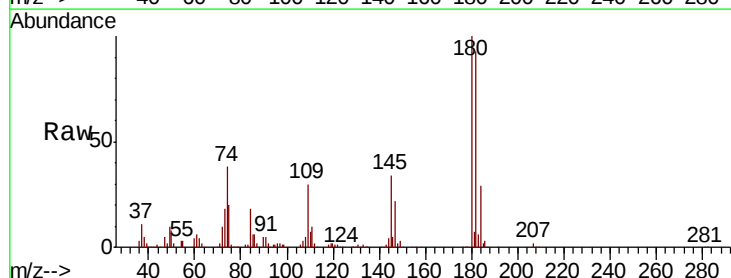
Tgt Ion:180 Resp: 272762

Ion Ratio Lower Upper

180 100

182 95.9 47.4 142.3

145 34.7 17.2 51.6



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

