

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063269.D
 Acq On : 5 Sep 2020 5:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 05 07:34:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	316839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	588985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	565326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	264949	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	265542	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.55	113	197595	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
50) Toluene-d8	10.06	98	767536	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.38	95	273470	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	138117	44.263	ug/l	96
3) Chloromethane	2.03	50	194795	42.872	ug/l	98
4) Vinyl Chloride	2.17	62	224017	44.633	ug/l	98
5) Bromomethane	2.53	94	203919	48.266	ug/l	100
6) Chloroethane	2.67	64	207033	51.880	ug/l	98
7) Trichlorofluoromethane	2.98	101	361687	52.422	ug/l	98
8) Diethyl Ether	3.37	74	114648	47.742	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	162609	47.665	ug/l	99
10) Methyl Iodide	3.91	142	219301	47.133	ug/l	100
11) Tert butyl alcohol	4.72	59	146757	230.834	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	167545	48.198	ug/l	99
13) Acrolein	3.56	56	66188	271.971	ug/l	98
14) Allyl chloride	4.28	41	281181	45.544	ug/l	96
15) Acrylonitrile	4.93	53	436232	245.004	ug/l	99
16) Acetone	3.77	43	375068	254.741	ug/l	98
17) Carbon Disulfide	4.01	76	441659	42.686	ug/l	100
18) Methyl Acetate	4.28	43	211213	55.948	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	630878	48.922	ug/l	99
20) Methylene Chloride	4.50	84	204240	49.326	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	193020	50.259	ug/l	93
22) Diisopropyl ether	5.90	45	689282	49.822	ug/l	95
23) Vinyl Acetate	5.84	43	2792448	252.960	ug/l	100
24) 1,1-Dichloroethane	5.80	63	373998	49.037	ug/l	99
25) 2-Butanone	6.78	43	603274	264.618	ug/l	99
26) 2,2-Dichloropropane	6.78	77	210469	30.458	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	233822	50.089	ug/l	93
28) Bromochloromethane	7.15	49	200017	50.197	ug/l	100
29) Tetrahydrofuran	7.16	42	406863	258.101	ug/l	99
30) Chloroform	7.33	83	395900	49.615	ug/l	99
31) Cyclohexane	7.61	56	299043	44.293	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	353209	51.368	ug/l	99
36) 1,1-Dichloropropene	7.75	75	285820	50.479	ug/l	98
37) Ethyl Acetate	6.88	43	268696	50.253	ug/l #	96
38) Carbon Tetrachloride	7.74	117	285205	49.668	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	277348	43.601	ug/l	99
40) Benzene	8.00	78	860773	51.732	ug/l	99
41) Methacrylonitrile	7.12	41	117032	49.063	ug/l	93
42) 1,2-Dichloroethane	8.08	62	325337	52.343	ug/l	98
43) Isopropyl Acetate	8.13	43	478832	51.854	ug/l #	92
44) Trichloroethene	8.80	130	224825	55.706	ug/l	99
45) 1,2-Dichloropropane	9.08	63	225154	51.108	ug/l	95
46) Dibromomethane	9.17	93	157133	53.822	ug/l	99
47) Bromodichloromethane	9.37	83	324175	51.803	ug/l	99
48) Methyl methacrylate	9.17	41	221322	53.167	ug/l	95
49) 1,4-Dioxane	9.17	88	67129	1042.598	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1425176	284.016	ug/l	99
52) Toluene	10.13	92	567529	54.754	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	330280	48.250	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	349944	48.703	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	215575	54.307	ug/l	98
56) Ethyl methacrylate	10.40	69	319049	52.814	ug/l	98
57) 1,3-Dichloropropane	10.68	76	374951	53.022	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	798709	255.320	ug/l	100
59) 2-Hexanone	10.72	43	1042807	295.703	ug/l	99
60) Dibromochloromethane	10.87	129	236477	53.884	ug/l	98
61) 1,2-Dibromoethane	10.98	107	224448	54.392	ug/l	99
64) Tetrachloroethene	10.60	164	224431	55.284	ug/l	95
65) Chlorobenzene	11.41	112	581218	51.045	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	213484	50.499	ug/l	98
67) Ethyl Benzene	11.49	91	1093370	52.637	ug/l	99
68) m/p-Xylenes	11.60	106	803874	104.490	ug/l	98
69) o-Xylene	11.92	106	385398	51.856	ug/l	98
70) Styrene	11.94	104	678542	53.124	ug/l	99
71) Bromoform	12.10	173	148896	51.899	ug/l #	99
73) Isopropylbenzene	12.23	105	1033722	50.869	ug/l	99
74) N-amyl acetate	12.05	43	438527	52.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	294852	50.327	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	389564	74.834	ug/l #	100
77) Bromobenzene	12.50	156	262019	57.012	ug/l	84
78) n-propylbenzene	12.57	91	1209190	51.422	ug/l	99
79) 2-Chlorotoluene	12.65	91	715901	50.830	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	853317	50.448	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	84569	39.265	ug/l	92
82) 4-Chlorotoluene	12.75	91	745470	51.035	ug/l	100
83) tert-Butylbenzene	12.97	119	697237	48.064	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	870339	51.048	ug/l	98
85) sec-Butylbenzene	13.15	105	925565	48.956	ug/l	99
86) p-Isopropyltoluene	13.26	119	826052	49.213	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	440292	52.150	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	440958	50.440	ug/l	99
89) n-Butylbenzene	13.59	91	721901	46.554	ug/l	99
90) Hexachloroethane	13.85	117	138317	44.515	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	438151	53.478	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	64239	49.873	ug/l	96

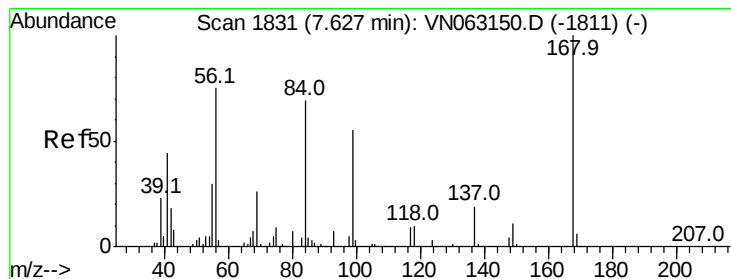
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	215379	47.053	ug/l	98
94) Hexachlorobutadiene	14.98	225	73341	42.891	ug/l	98
95) Naphthalene	15.10	128	794892	52.051	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	208914	46.847	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

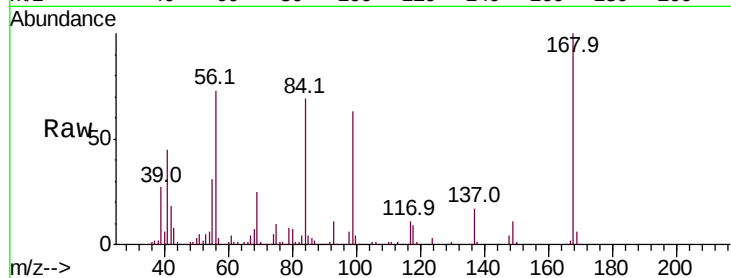
VSTDCCC050EC

Tot Ion:168 Resp: 316839

Ion Ratio Lower Upper

168 100

99 63.1 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN063150.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN063150.D (-1811) (-)

7.62

150000

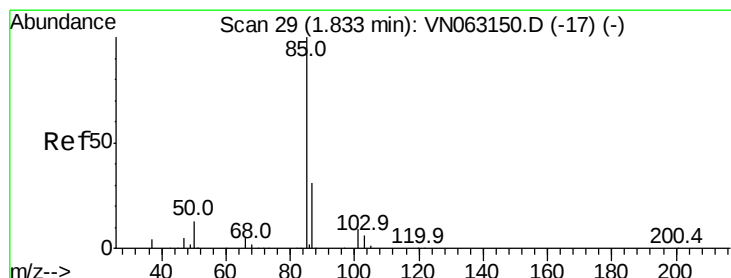
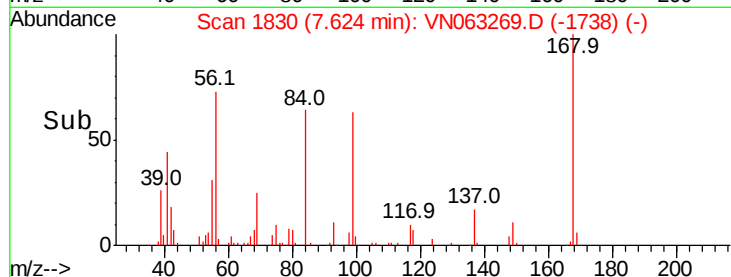
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 44.263 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063269.D

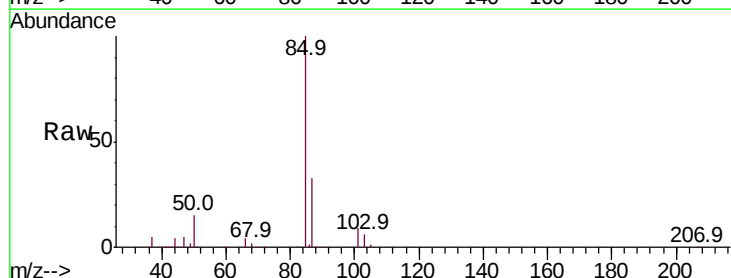
Acq: 5 Sep 2020 5:11

Tgt Ion: 85 Resp: 138117

Ion Ratio Lower Upper

85 100

87 33.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN063150.D (-17) (-)

Ion 86.90 (86.60 to 87.60): VN063150.D (-17) (-)

1.83

120000

100000

80000

60000

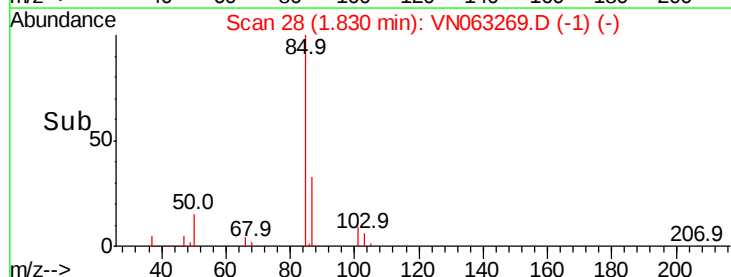
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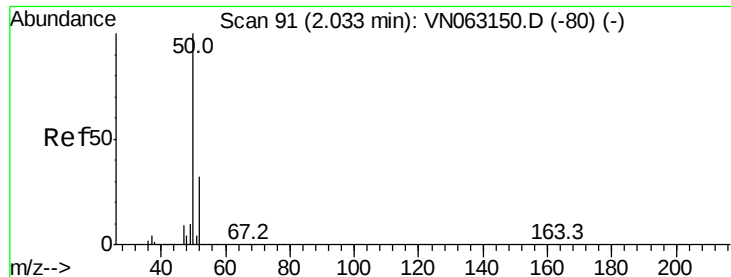
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 42.872 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

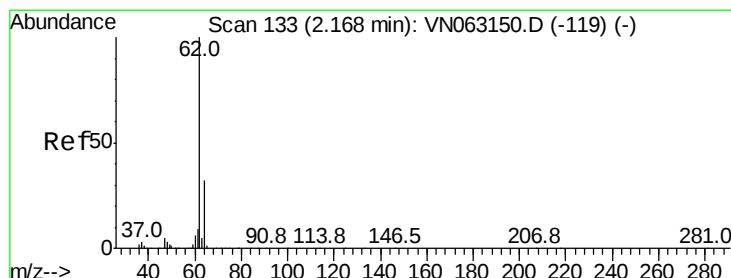
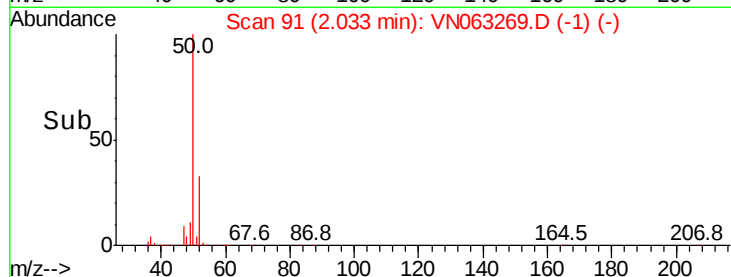
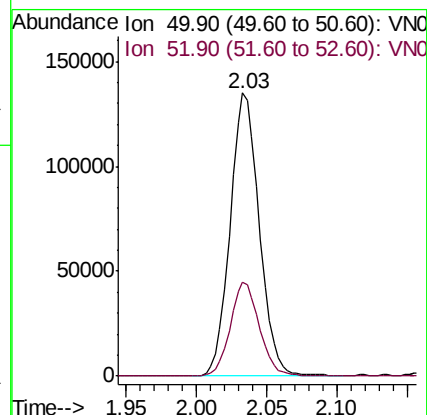
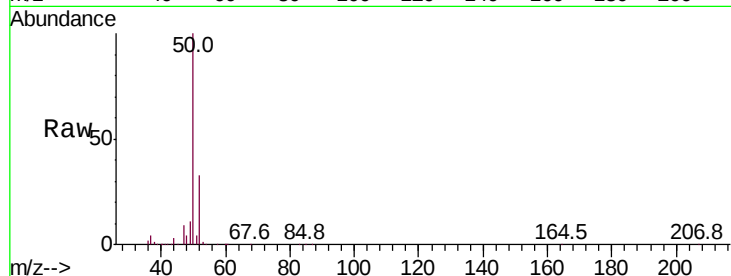
VSTDCCC050EC

Tot Ion: 50 Resp: 194795

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.6



#4

Vinyl Chloride

Concen: 44.633 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063269.D

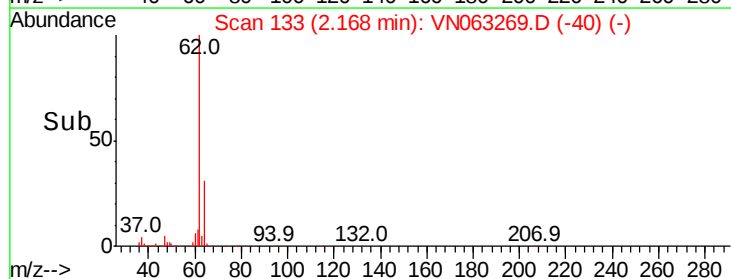
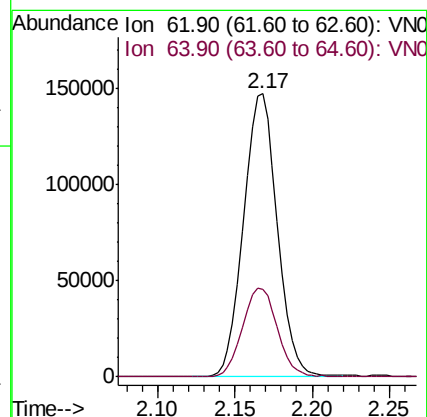
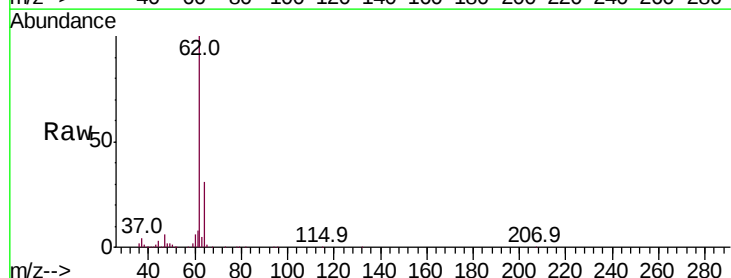
Acq: 5 Sep 2020 5:11

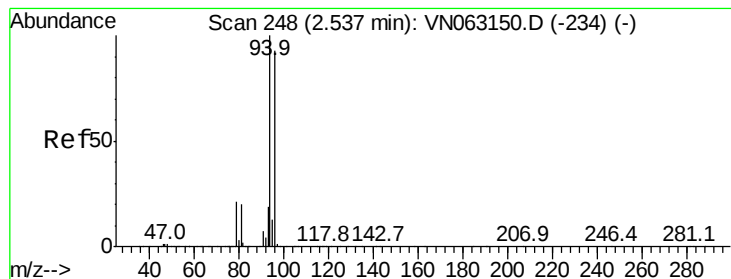
Tgt Ion: 62 Resp: 224017

Ion Ratio Lower Upper

62 100

64 31.2 25.8 38.8





#5

Bromomethane

Concen: 48.266 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.01 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

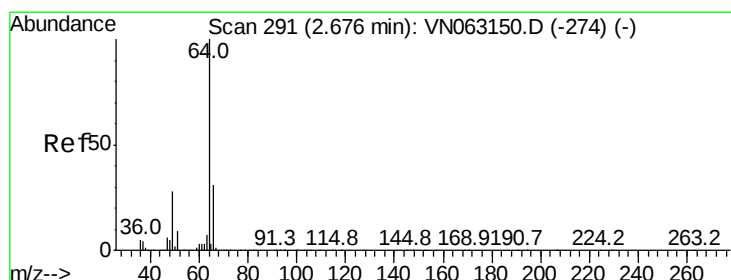
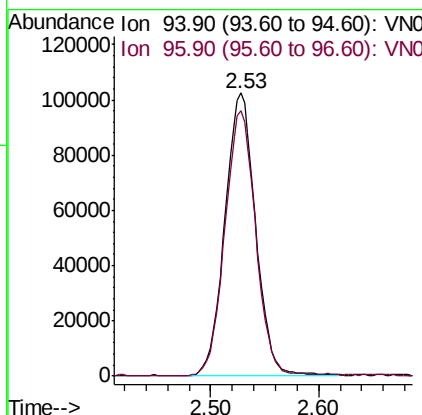
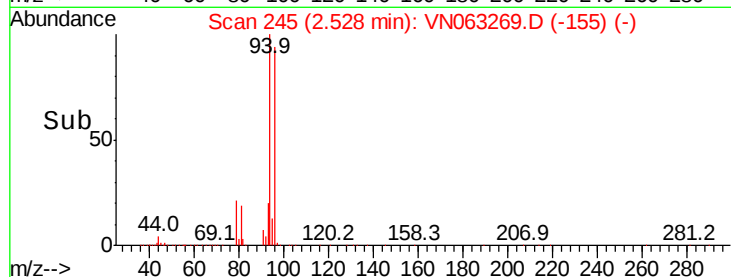
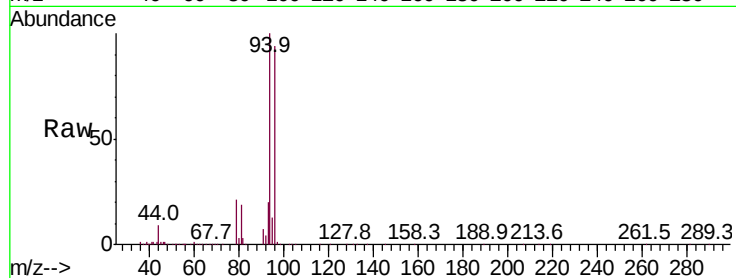
VSTDCCC050EC

Tot Ion: 94 Resp: 203919

Ion Ratio Lower Upper

94 100

96 93.3 74.4 111.6



#6

Chloroethane

Concen: 51.880 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063269.D

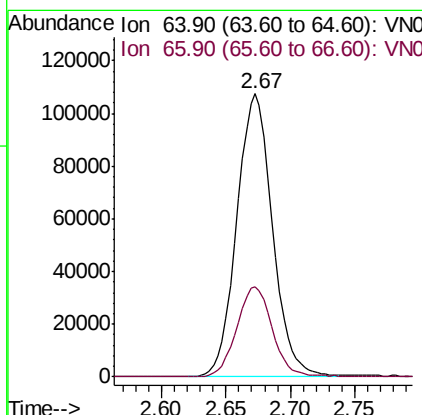
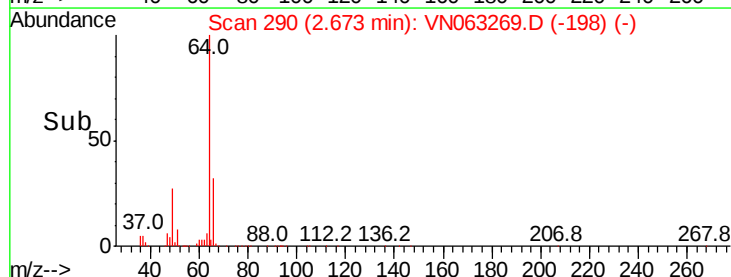
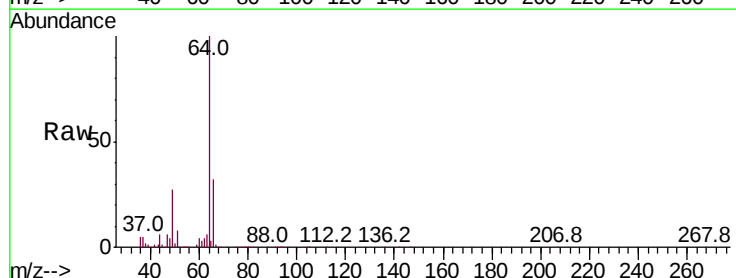
Acq: 5 Sep 2020 5:11

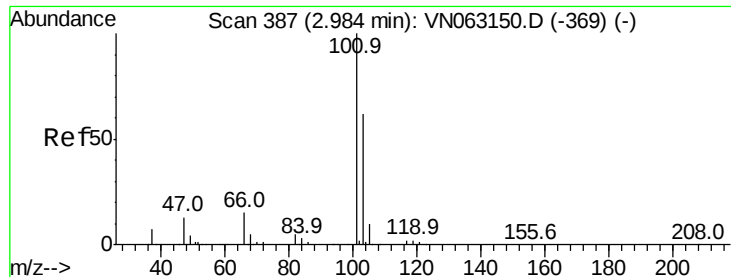
Tgt Ion: 64 Resp: 207033

Ion Ratio Lower Upper

64 100

66 31.9 24.7 37.1



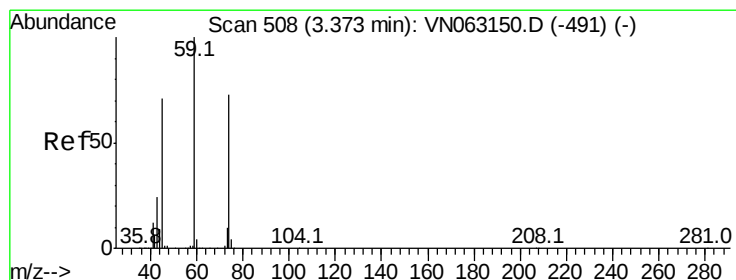
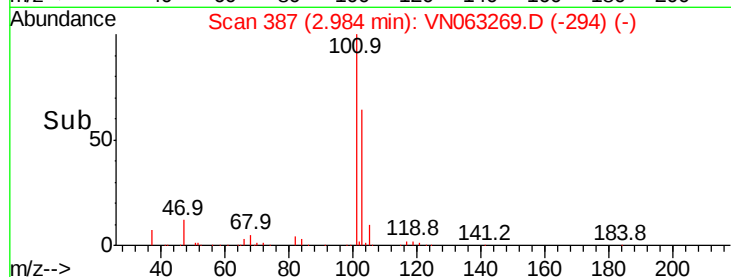
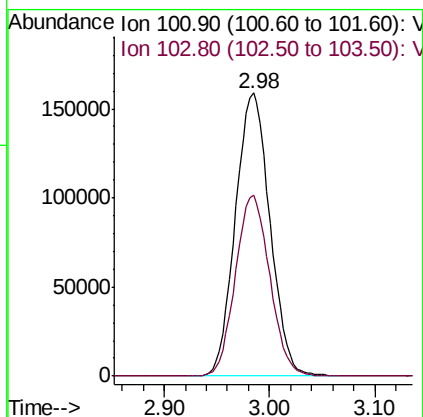
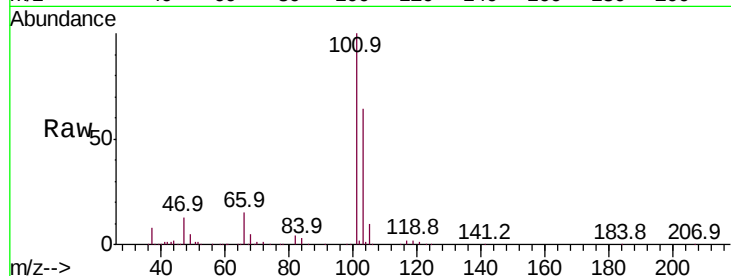


#7

Trichlorofluoromethane
Concen: 52.422 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

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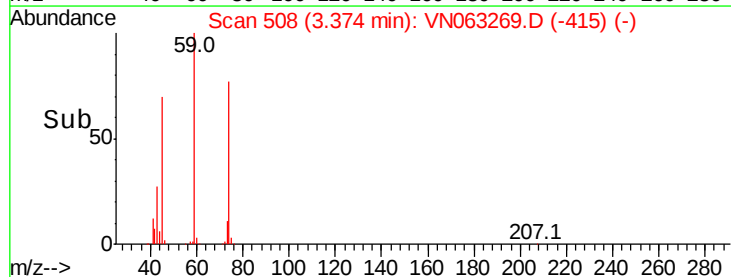
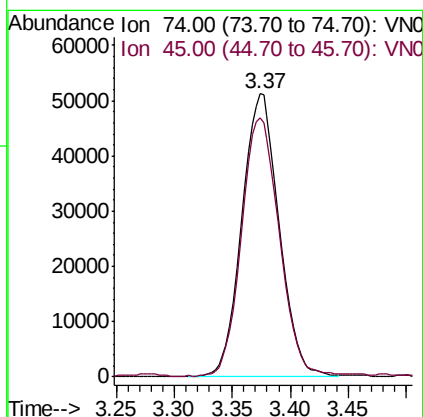
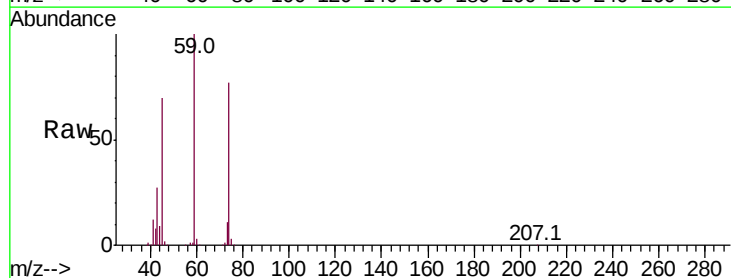
Tot Ion:101 Resp: 361687
Ion Ratio Lower Upper
101 100
103 63.6 49.7 74.5

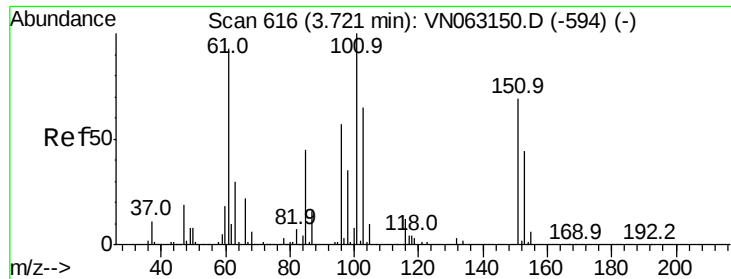


#8

Diethyl Ether
Concen: 47.742 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion: 74 Resp: 114648
Ion Ratio Lower Upper
74 100
45 92.1 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.665 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

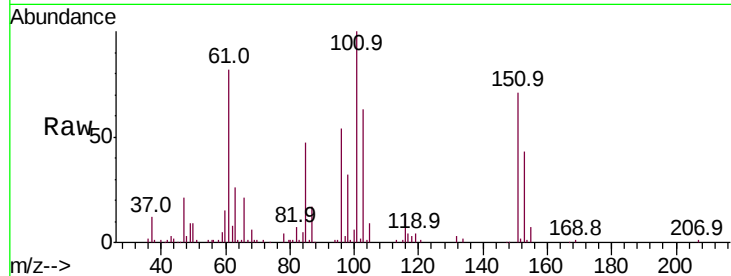
Tot Ion:101 Resp: 162609

Ion Ratio Lower Upper

101 100

85 48.0 37.8 56.8

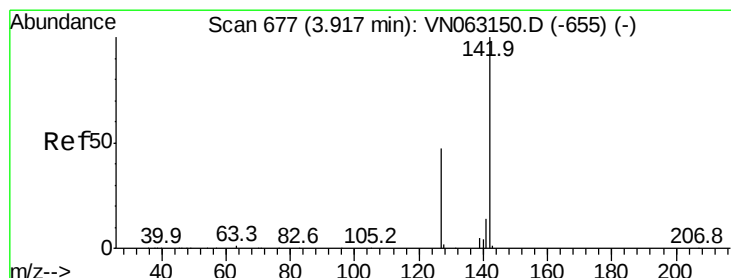
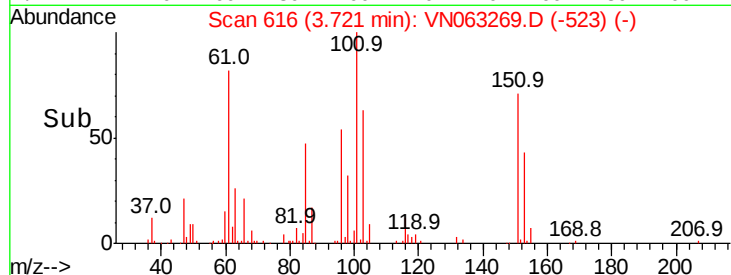
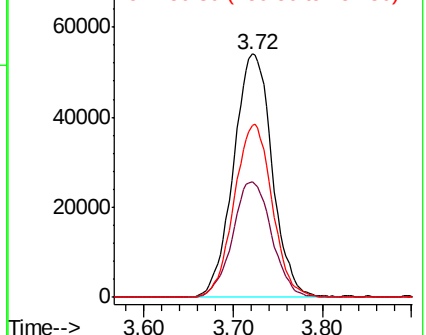
151 70.0 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.133 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

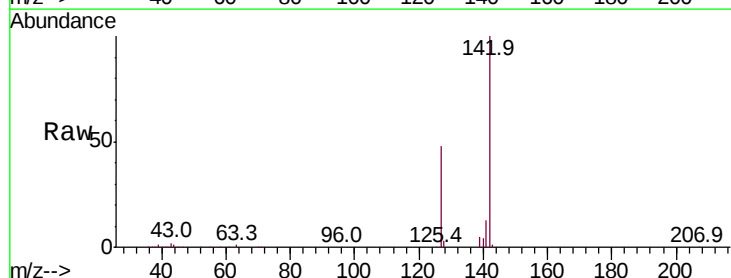
Tgt Ion:142 Resp: 219301

Ion Ratio Lower Upper

142 100

127 47.2 37.6 56.4

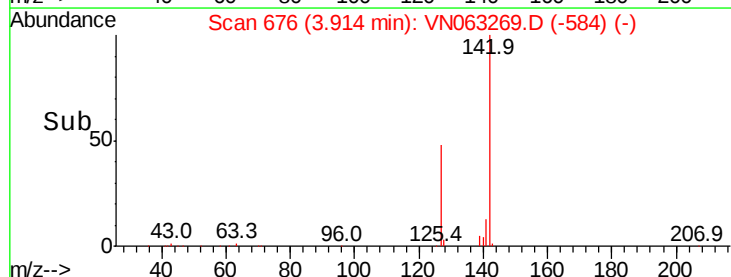
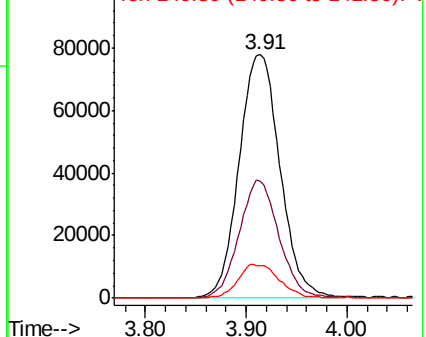
141 14.0 11.3 16.9

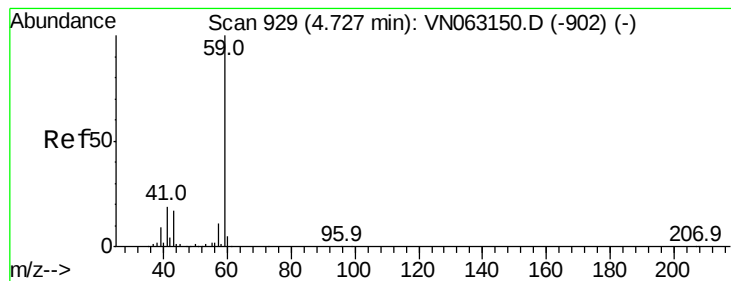


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 230.834 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

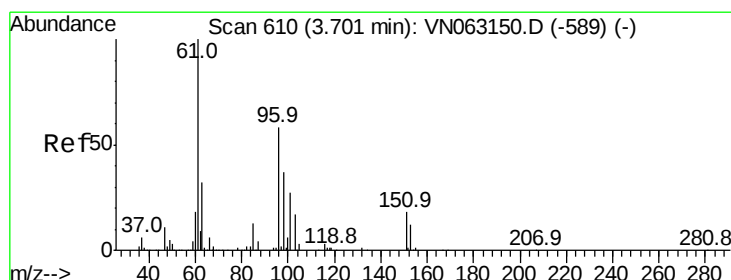
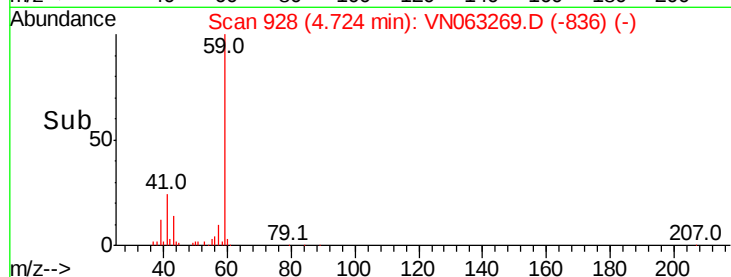
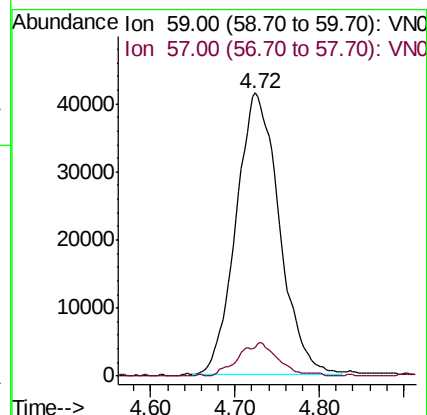
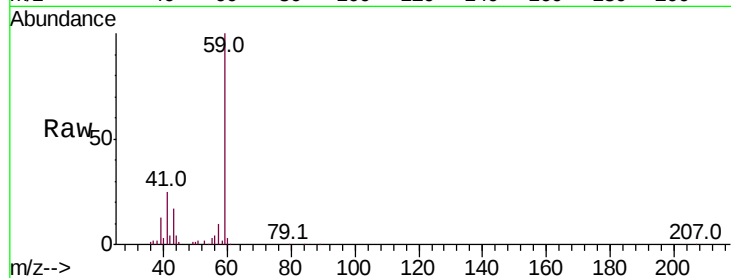
VSTDCCC050EC

Tot Ion: 59 Resp: 146757

Ion Ratio Lower Upper

59 100

57 4.4 8.4 12.6#



#12

1,1-Dichloroethene

Concen: 48.198 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

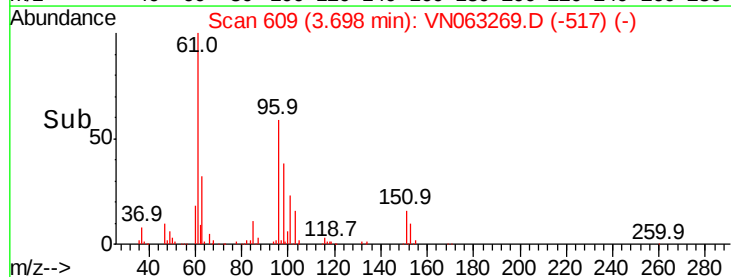
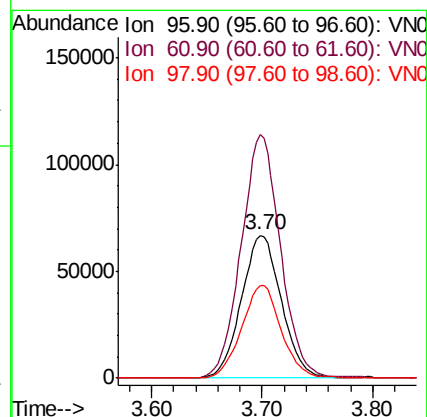
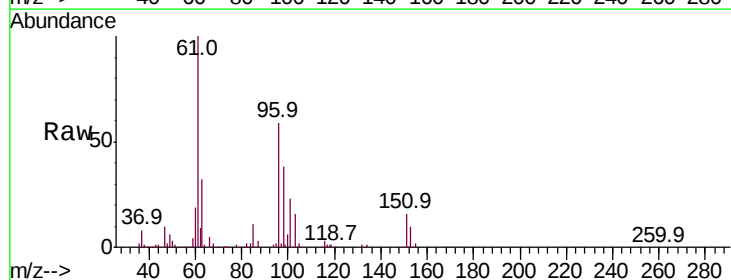
Tgt Ion: 96 Resp: 167545

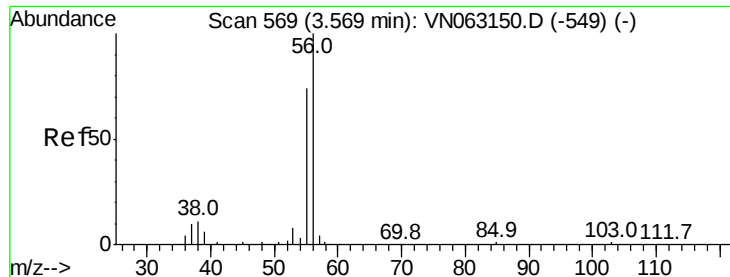
Ion Ratio Lower Upper

96 100

61 170.4 137.4 206.2

98 65.0 50.5 75.7





#13

Acrolein

Concen: 271.971 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

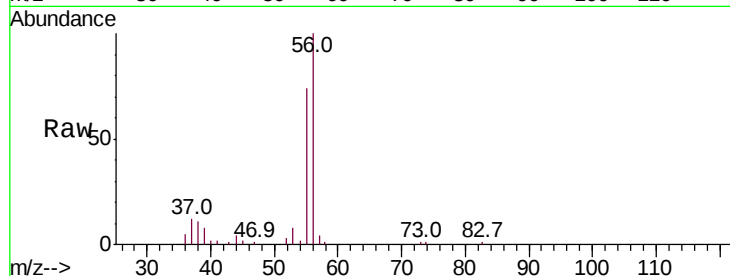
VSTDCCC050EC

Tot Ion: 56 Resp: 66188

Ion Ratio Lower Upper

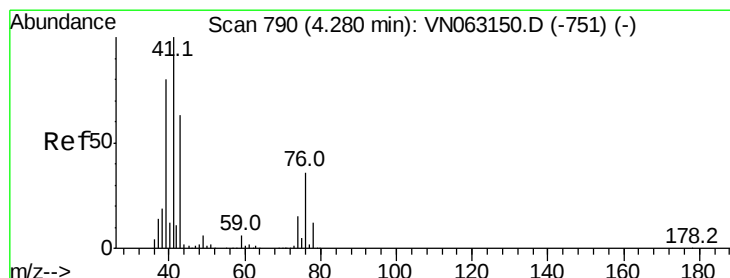
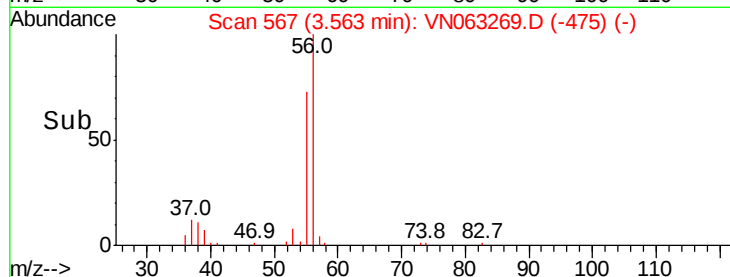
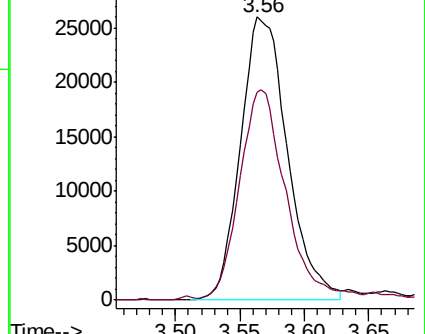
56 100

55 71.1 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 45.544 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

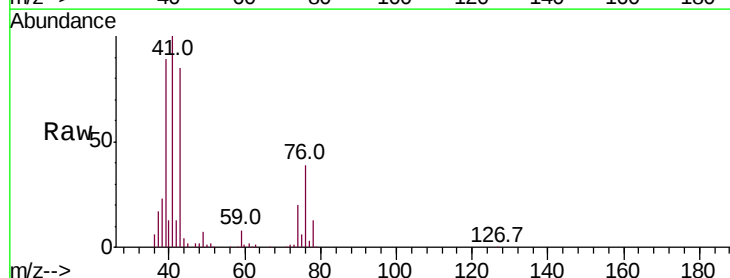
Tgt Ion: 41 Resp: 281181

Ion Ratio Lower Upper

41 100

39 79.5 60.2 90.2

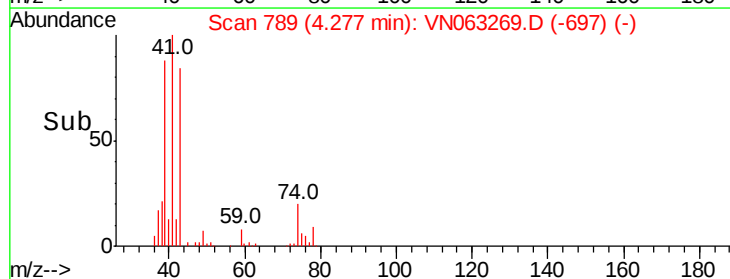
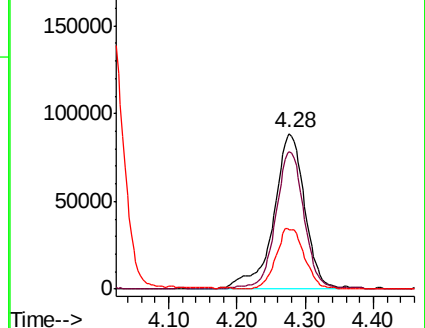
76 34.7 27.7 41.5

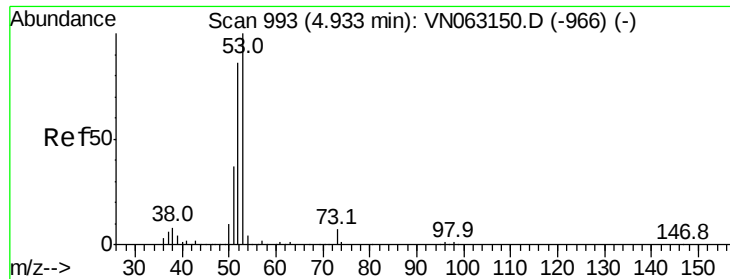


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 245.004 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

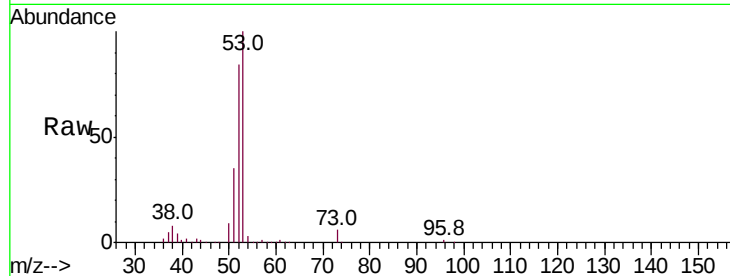
Tot Ion: 53 Resp: 436232

Ion Ratio Lower Upper

53 100

52 84.2 67.2 100.8

51 37.1 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063269.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063269.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063269.D (-899) (-)

4.93

150000

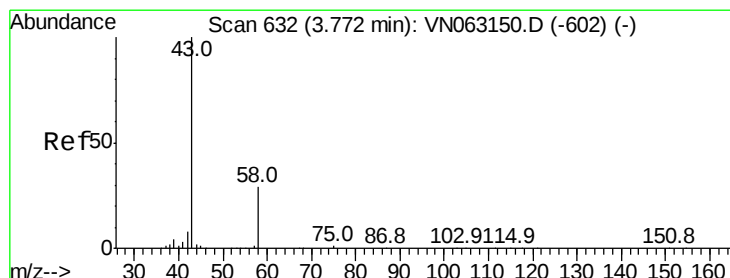
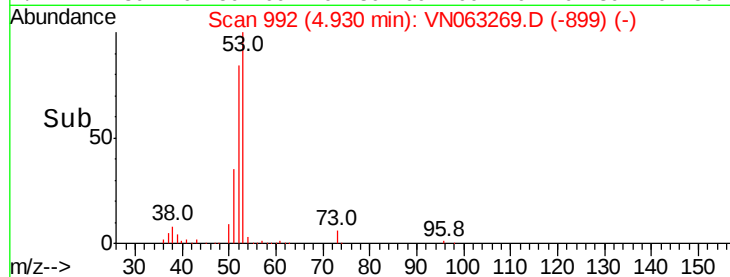
100000

50000

0

4.80 4.90 5.00

Time-->



#16

Acetone

Concen: 254.741 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063269.D

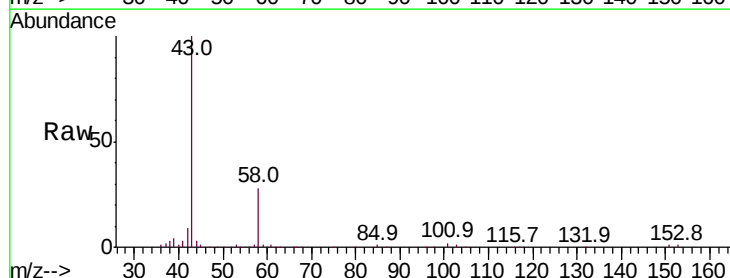
Acq: 5 Sep 2020 5:11

Tgt Ion: 43 Resp: 375068

Ion Ratio Lower Upper

43 100

58 28.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063269.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063269.D (-539) (-)

3.77

150000

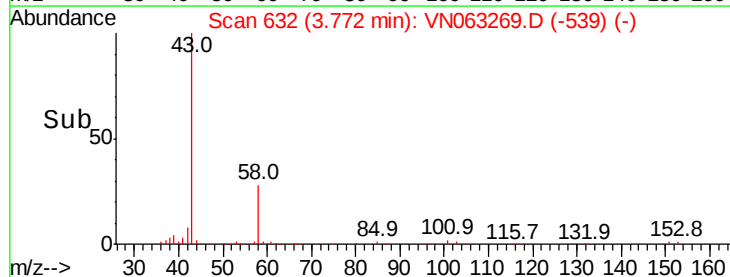
100000

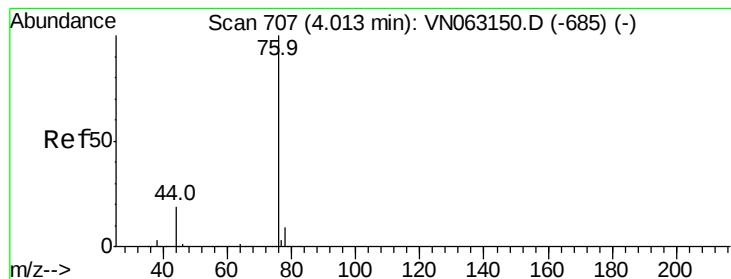
50000

0

3.60 3.70 3.80 3.90

Time-->





#17

Carbon Disulfide

Concen: 42.686 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

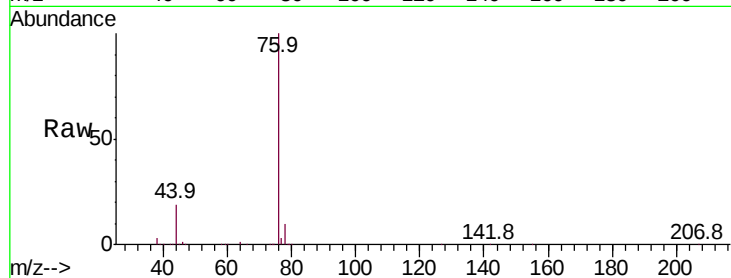
VSTDCCC050EC

Tot Ion: 76 Resp: 441659

Ion Ratio Lower Upper

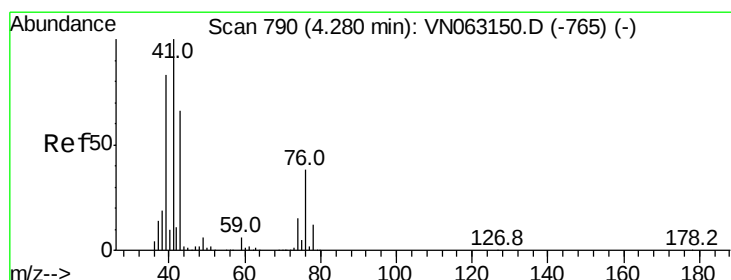
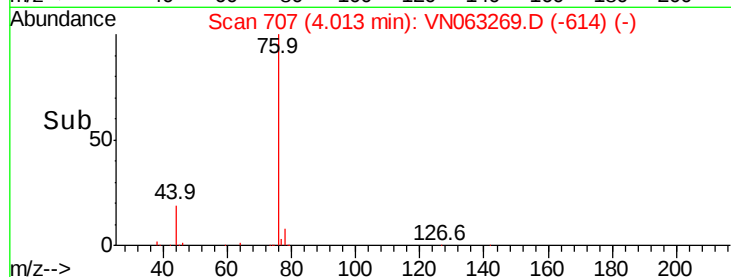
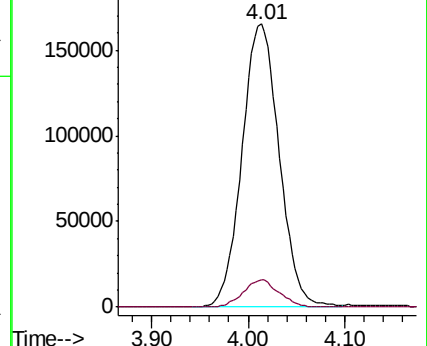
76 100

78 9.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 55.948 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063269.D

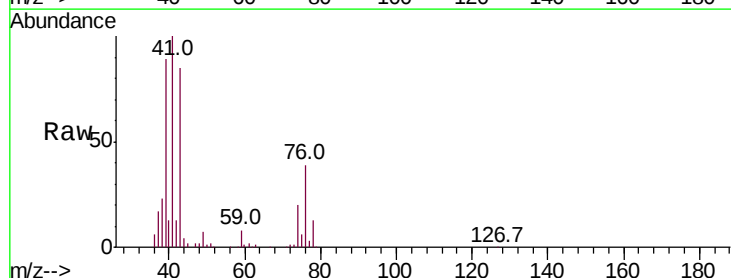
Acq: 5 Sep 2020 5:11

Tgt Ion: 43 Resp: 211213

Ion Ratio Lower Upper

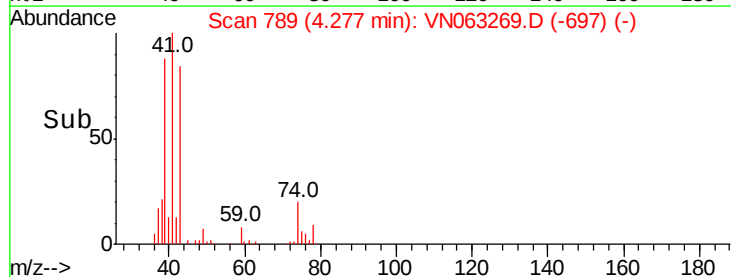
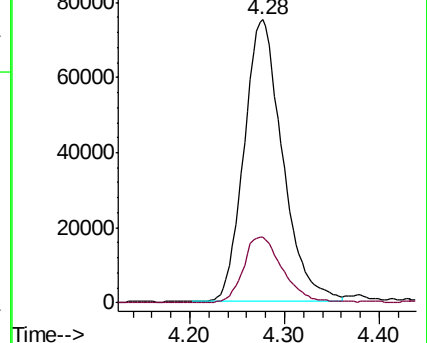
43 100

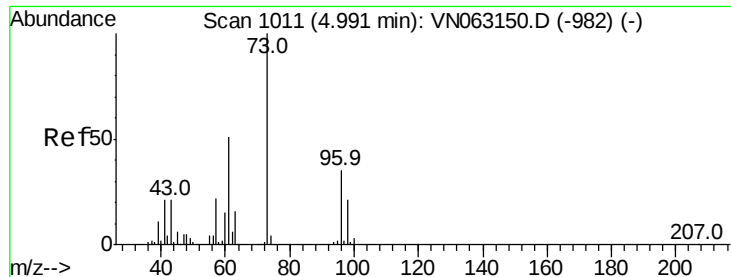
74 24.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

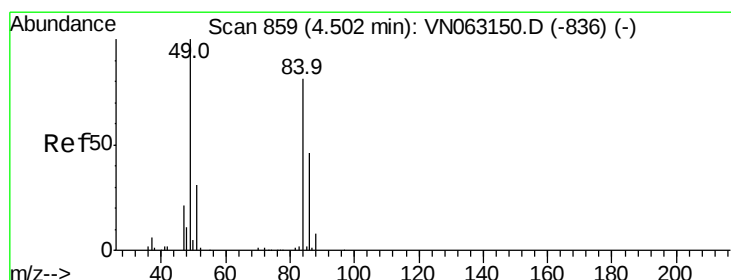
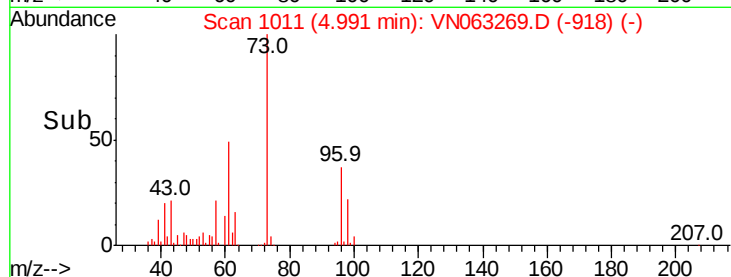
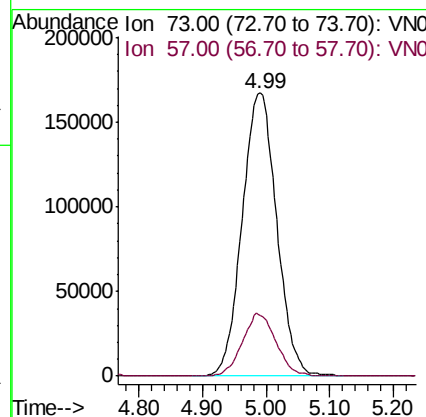
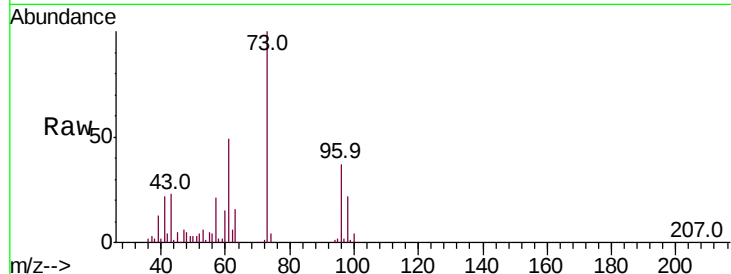




#19
Methvl tert-butvl Ether
Concen: 48.922 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

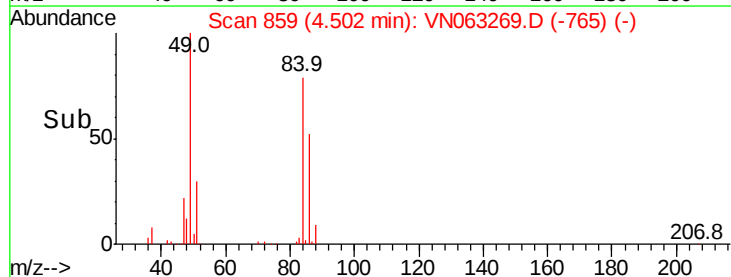
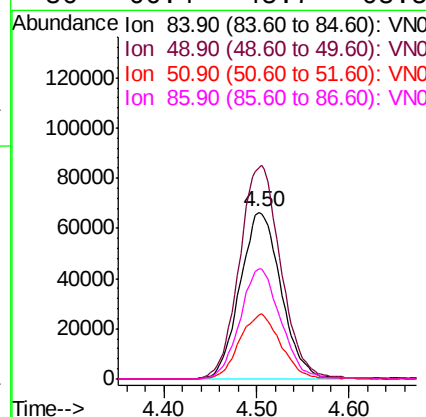
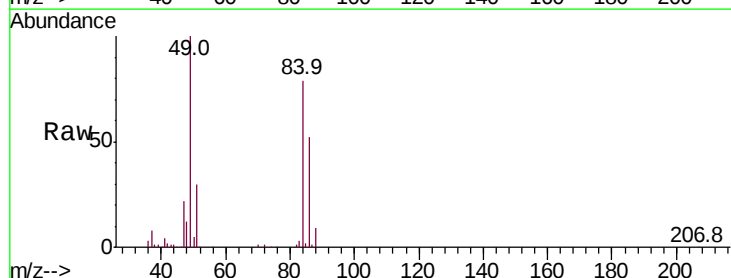
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

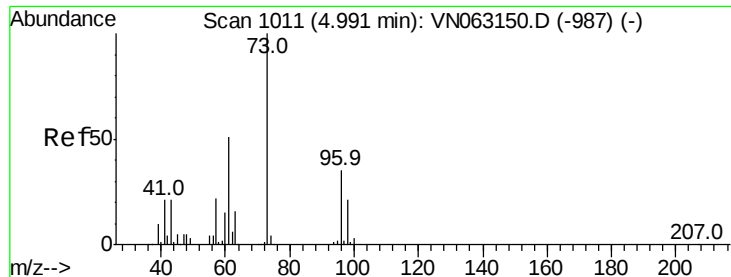
Tot Ion: 73 Resp: 630878
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4



#20
Methylene Chloride
Concen: 49.326 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion: 84 Resp: 204240
Ion Ratio Lower Upper
84 100
49 126.6 98.4 147.6
51 38.5 30.4 45.6
86 66.4 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 50.259 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

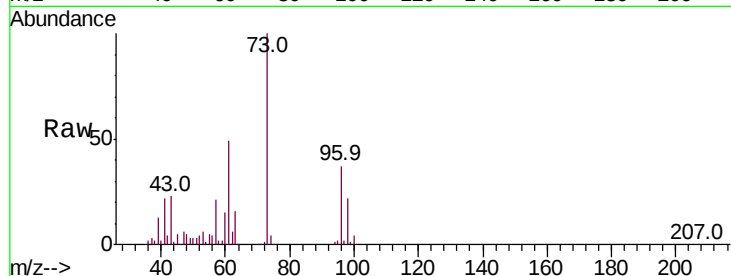
Tot Ion: 96 Resp: 193020

Ion Ratio Lower Upper

96 100

61 133.1 116.2 174.4

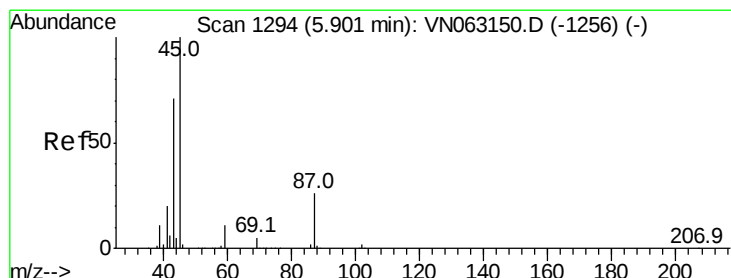
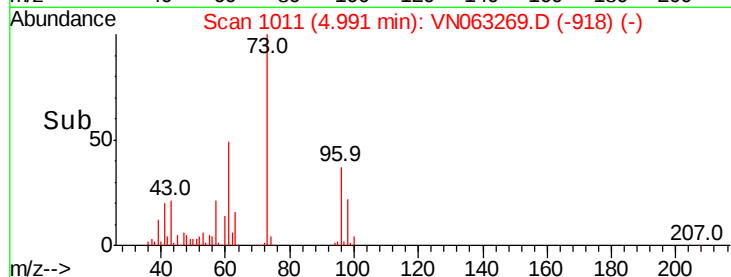
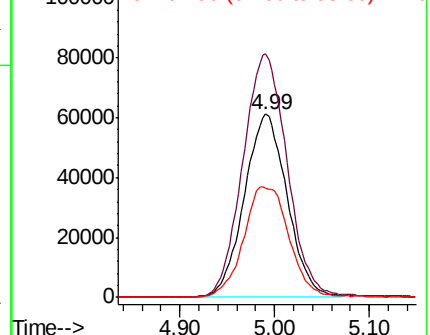
98 59.8 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN063150.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN063150.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN063150.D (-987) (-)



#22

Diisopropyl ether

Concen: 49.822 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Tgt Ion: 45 Resp: 689282

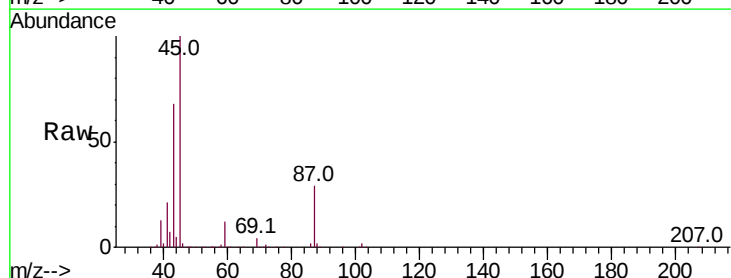
Ion Ratio Lower Upper

45 100

43 66.2 56.8 85.2

87 28.4 21.1 31.7

59 11.7 8.9 13.3

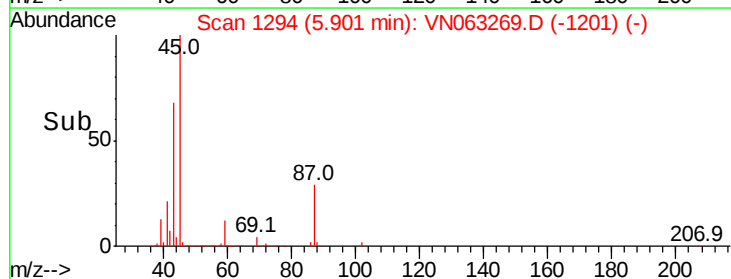
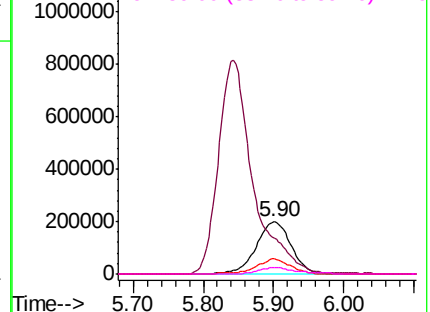


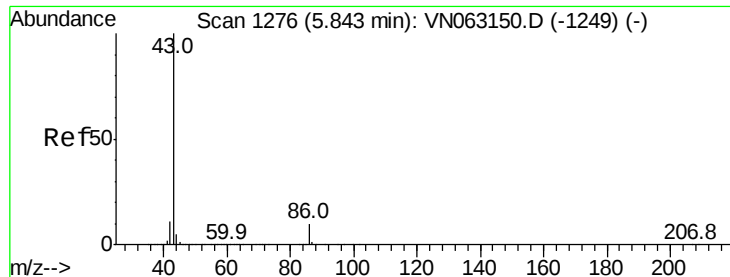
Abundance Ion 45.00 (44.70 to 45.70): VN063150.D (-1256) (-)

Ion 43.00 (42.70 to 43.70): VN063150.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN063150.D (-1256) (-)

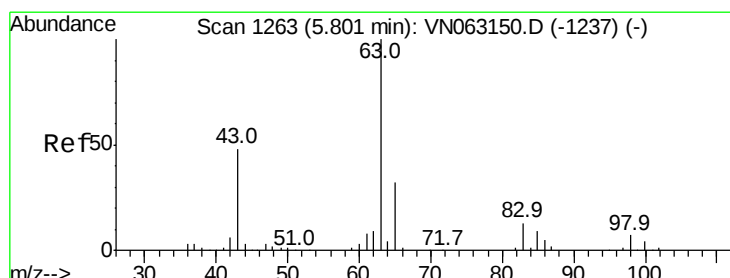
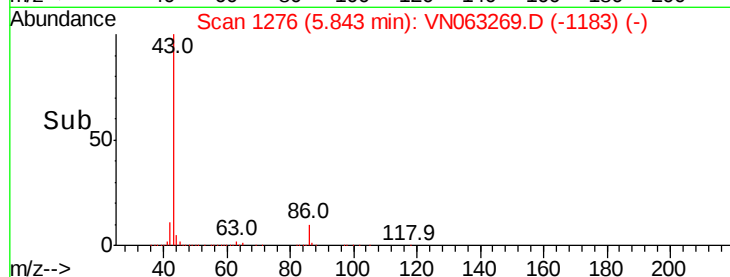
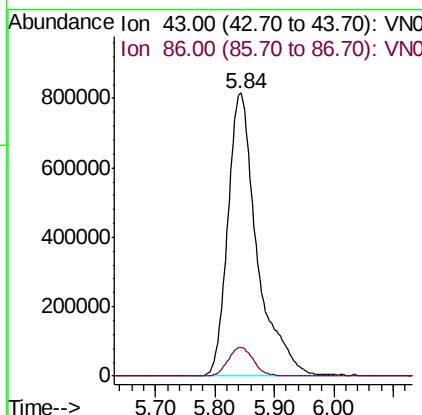
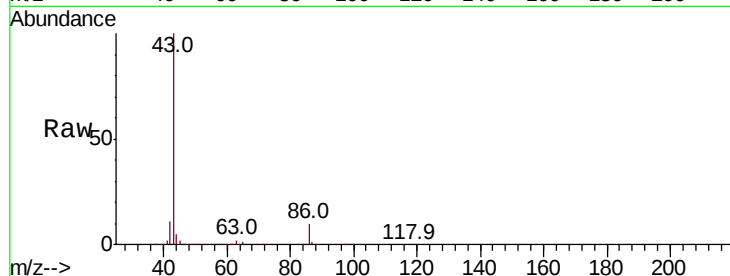




#23
 Vinyl Acetate
 Concen: 252.960 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063269.D
 Acq: 5 Sep 2020 5:11

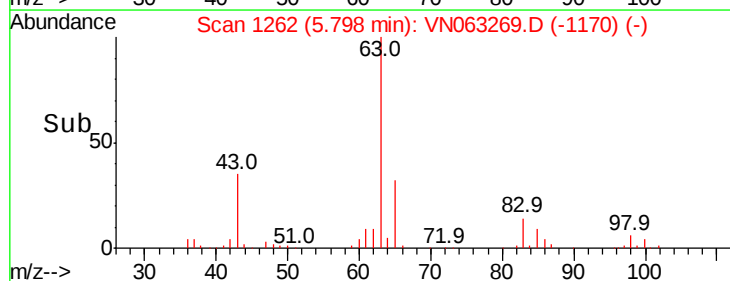
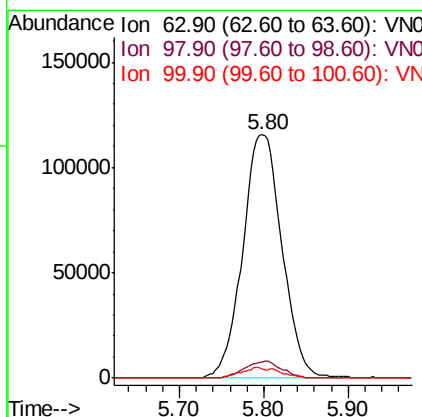
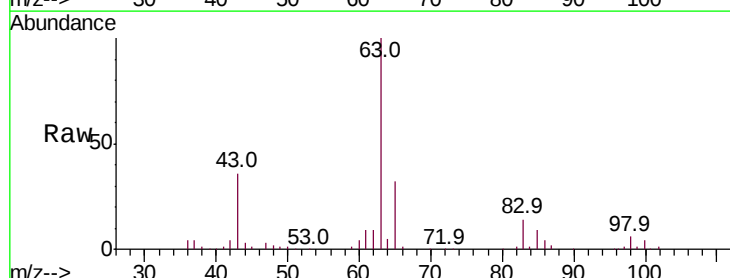
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

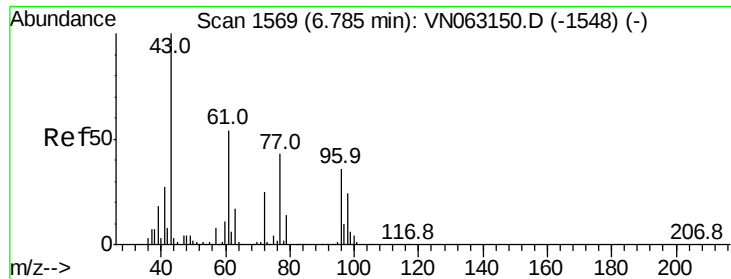
Tot Ion: 43 Resp: 2792448
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 49.037 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063269.D
 Acq: 5 Sep 2020 5:11

Tgt Ion: 63 Resp: 373998
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.0 2.3 6.8





#25

2-Butanone

Concen: 264.618 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

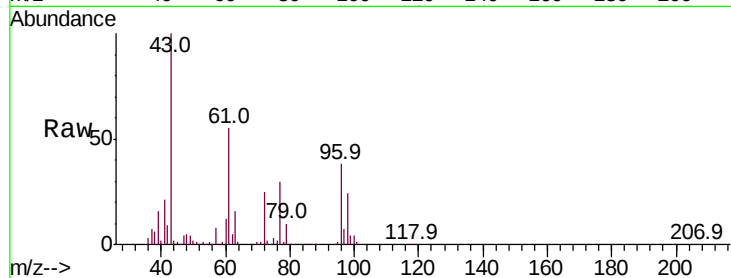
VSTDCCC050EC

Tot Ion: 43 Resp: 603274

Ion Ratio Lower Upper

43 100

72 24.9 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1548) (-)

Ion 72.00 (71.70 to 72.70): VN063150.D (-1548) (-)

6.78

250000

200000

150000

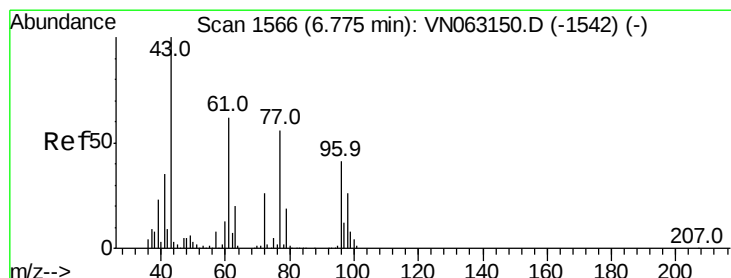
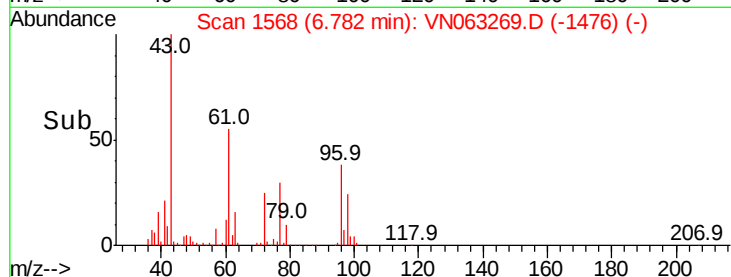
100000

50000

0

6.70 6.80

Time-->



#26

2,2-Dichloropropane

Concen: 30.458 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063269.D

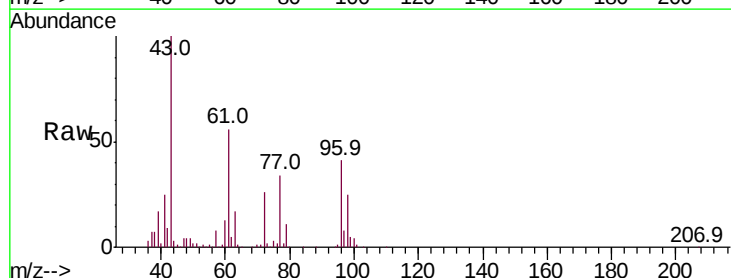
Acq: 5 Sep 2020 5:11

Tgt Ion: 77 Resp: 210469

Ion Ratio Lower Upper

77 100

97 22.8 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN063150.D (-1542) (-)

Ion 96.90 (96.60 to 97.60): VN063150.D (-1542) (-)

6.78

60000

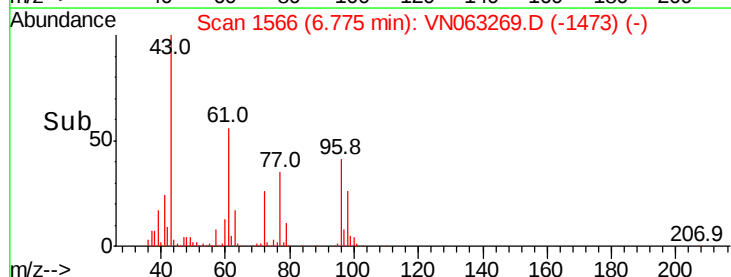
40000

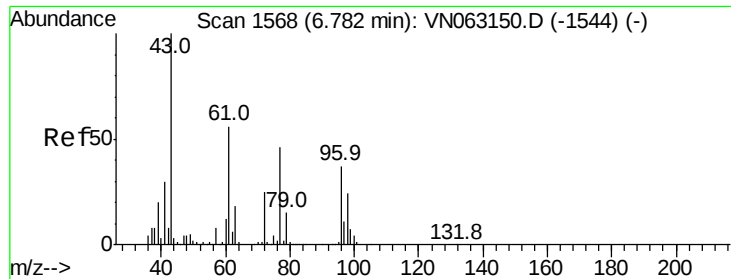
20000

0

6.70 6.80 6.90

Time-->

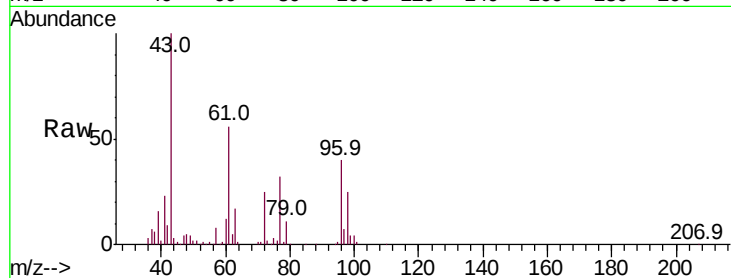




#27
 cis-1,2-Dichloroethene
 Concen: 50.089 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063269.D
 Acq: 5 Sep 2020 5:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	303.2
98	63.1	0.0	129.0

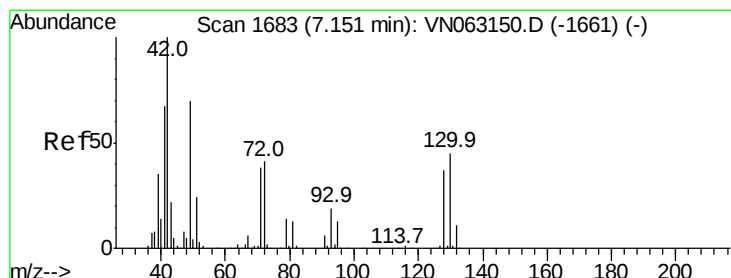
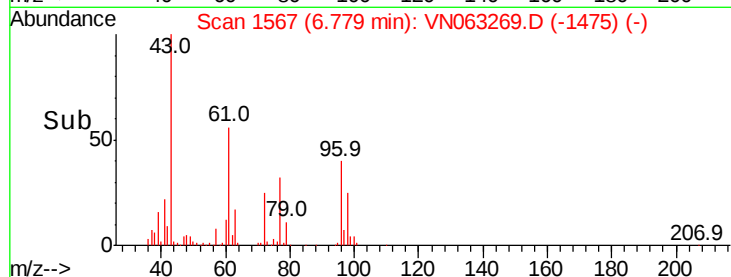
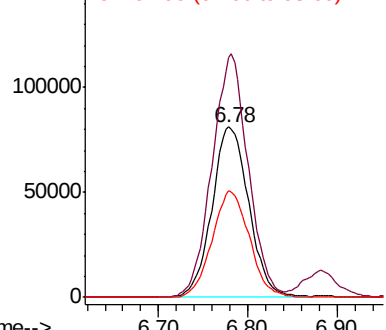


Abundance

Ion 95.90 (95.60 to 96.60): VN0

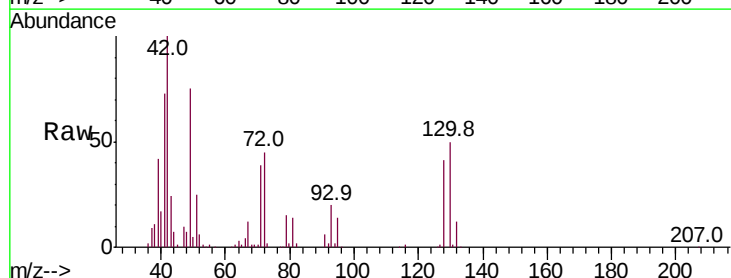
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28
 Bromochloromethane
 Concen: 50.197 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063269.D
 Acq: 5 Sep 2020 5:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.0
130	68.1	54.4	81.6

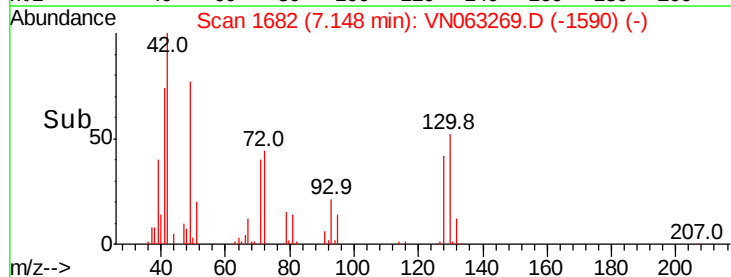
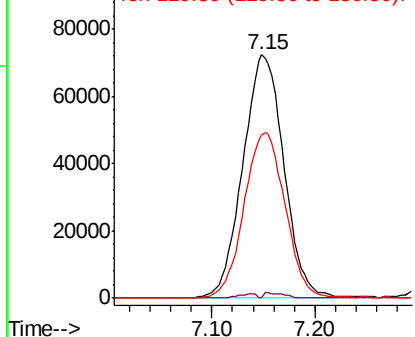


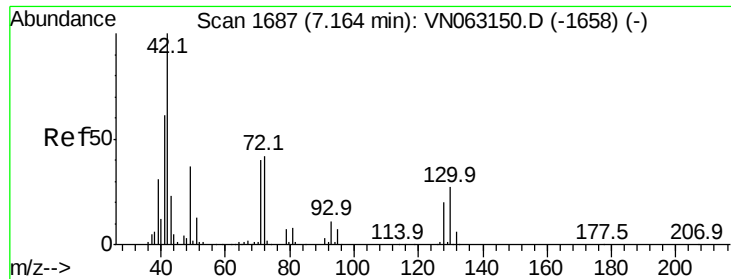
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

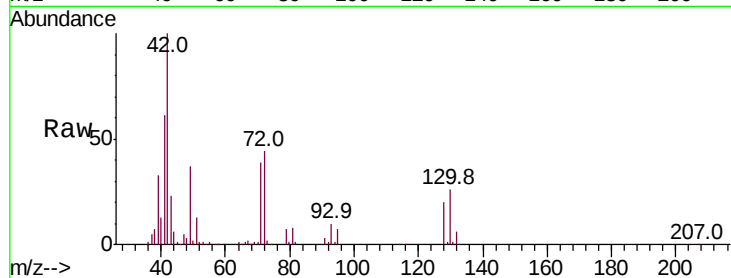




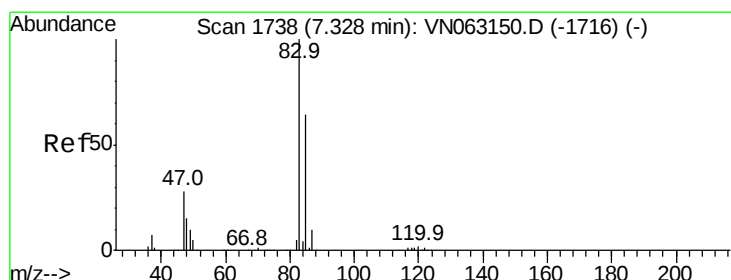
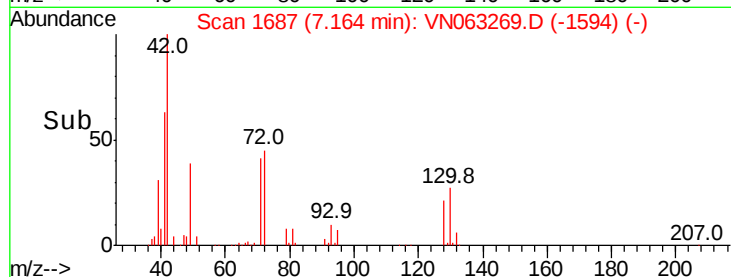
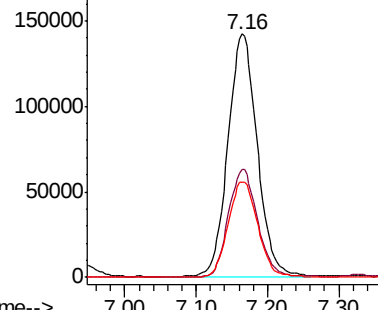
#29
Tetrahydrofuran
Concen: 258.101 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 406863
Ion Ratio Lower Upper
42 100
72 43.7 33.9 50.9
71 39.6 31.9 47.9

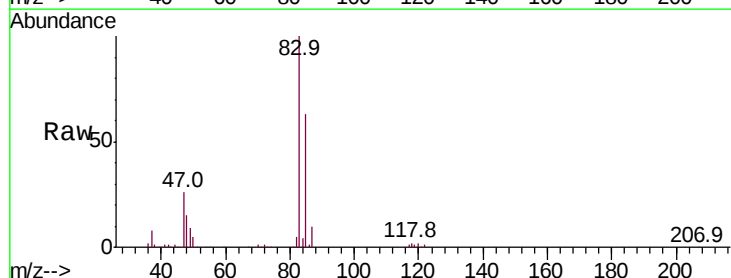


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

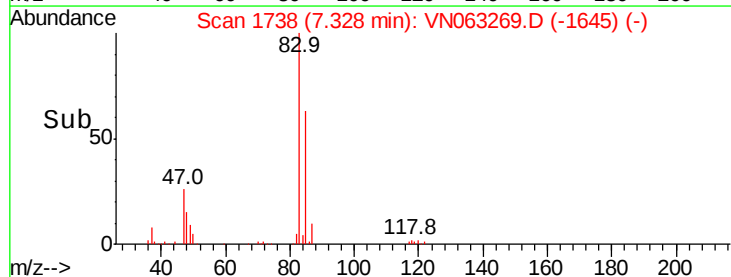
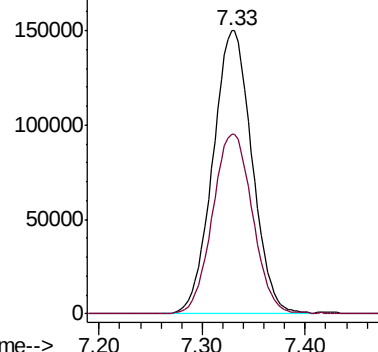


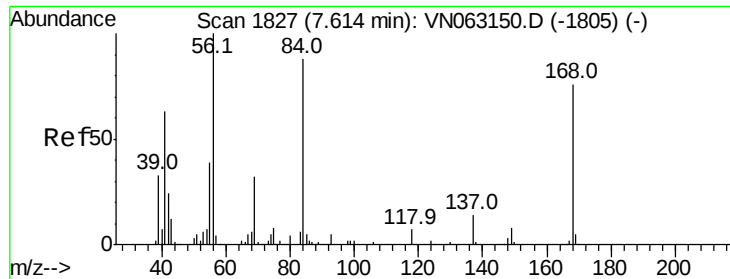
#30
Chloroform
Concen: 49.615 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion: 83 Resp: 395900
Ion Ratio Lower Upper
83 100
85 63.4 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

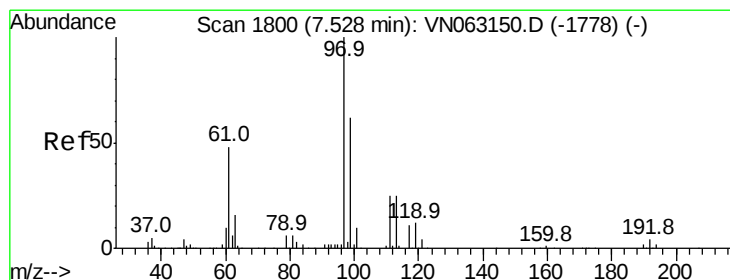
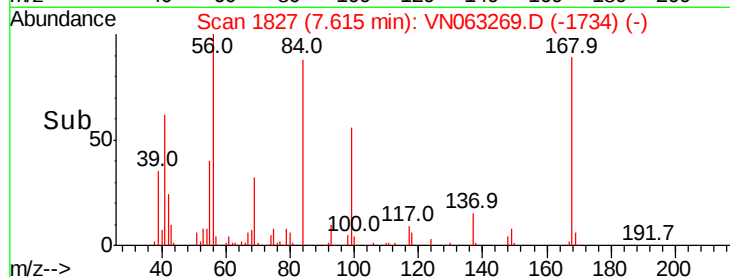
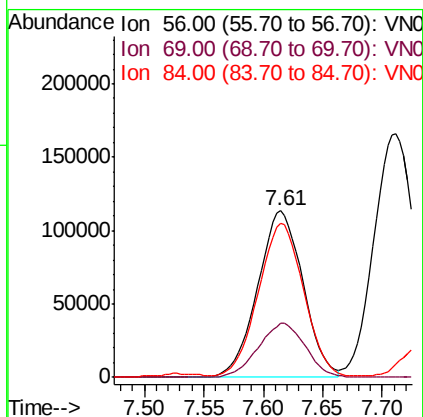
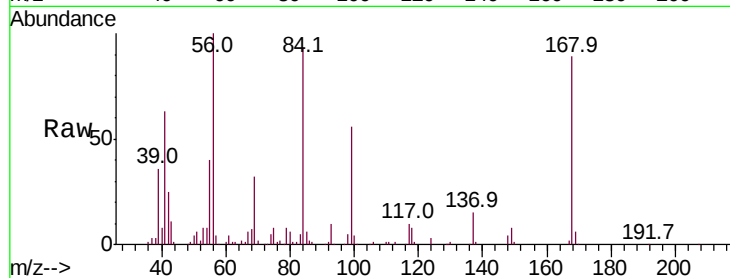




#31
Cyclohexane
Concen: 44.293 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

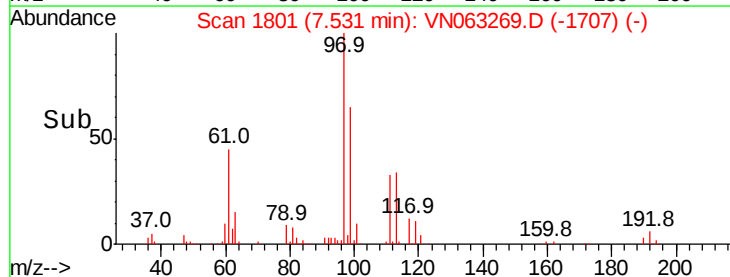
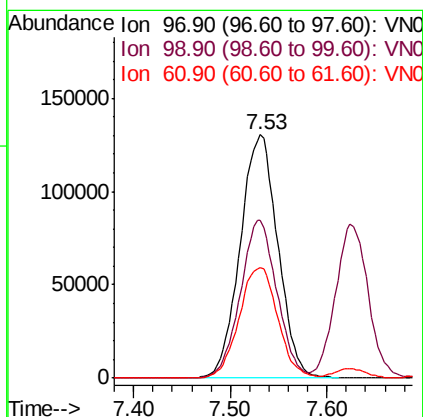
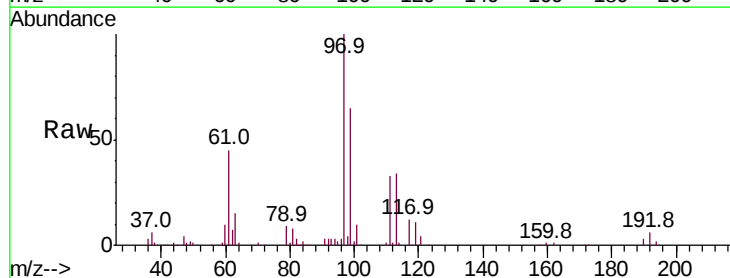
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

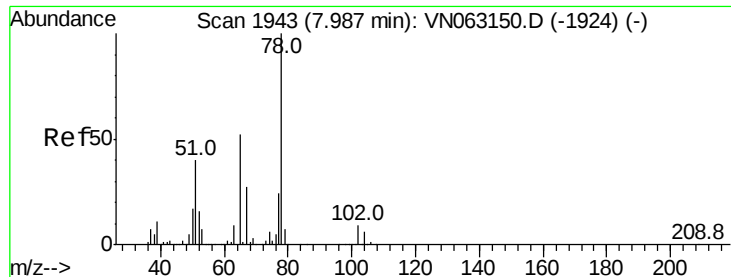
Tot Ion: 56 Resp: 299043
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.0
84 90.9 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 51.368 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion: 97 Resp: 353209
Ion Ratio Lower Upper
97 100
99 62.9 50.8 76.2
61 46.6 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 51.269 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

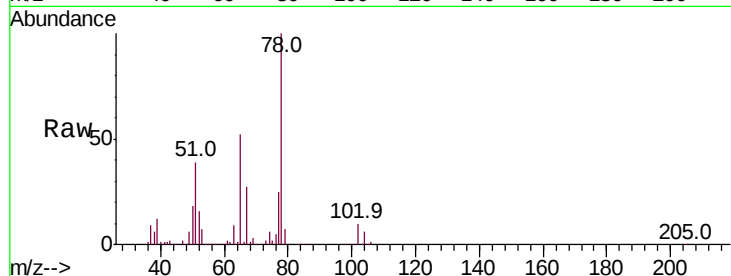
VSTDCCC050EC

Tot Ion: 65 Resp: 265542

Ion Ratio Lower Upper

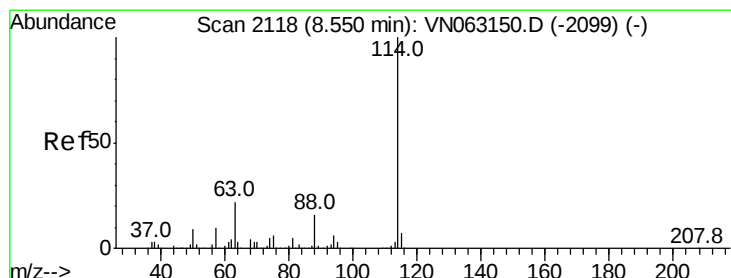
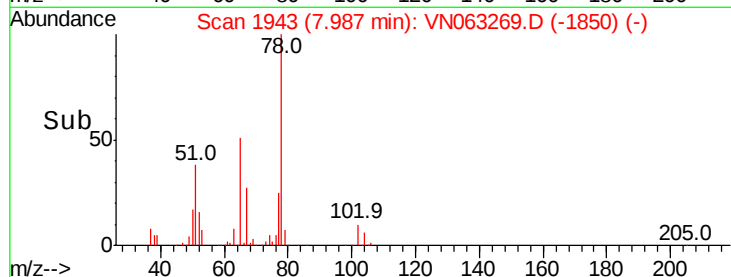
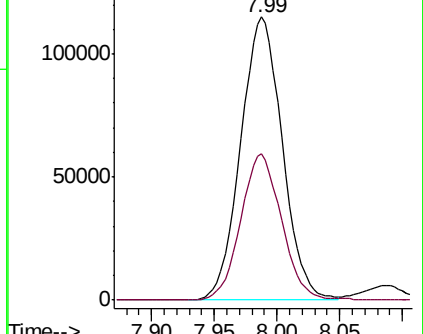
65 100

67 50.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

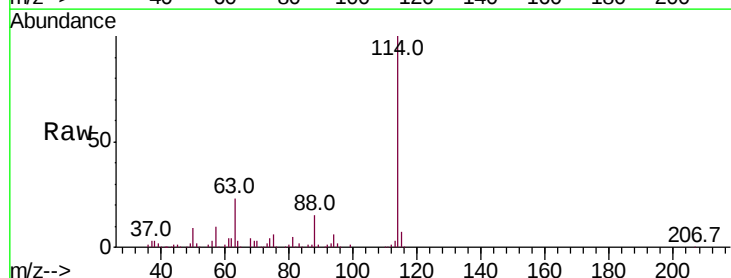
Tgt Ion: 114 Resp: 588985

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.0

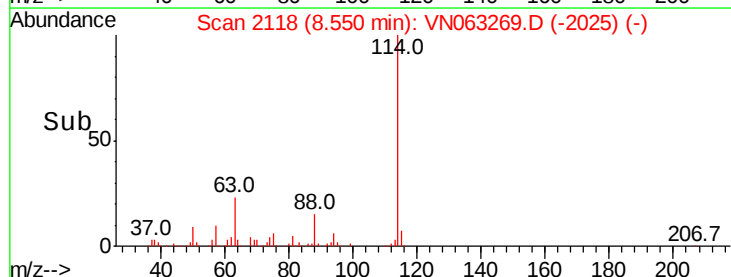
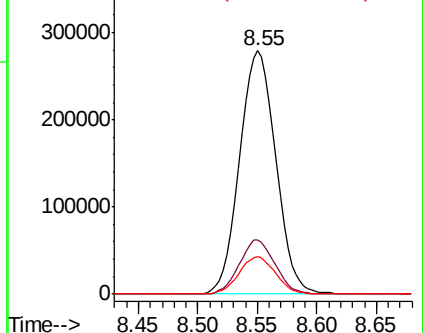
88 15.2 0.0 31.6

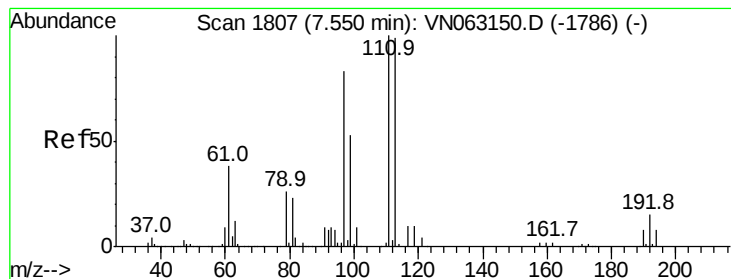


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 52.293 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

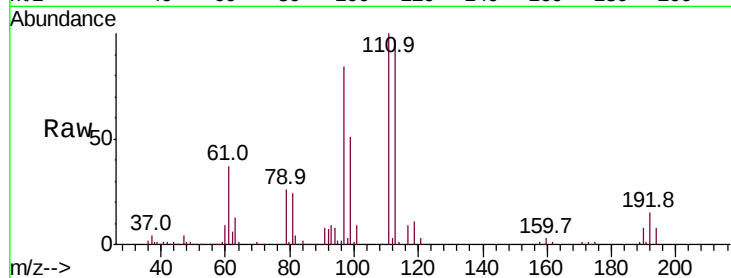
Tot Ion:113 Resp: 197595

Ion Ratio Lower Upper

113 100

111 103.6 80.7 121.1

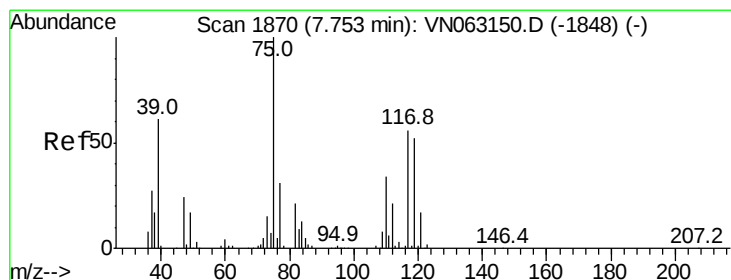
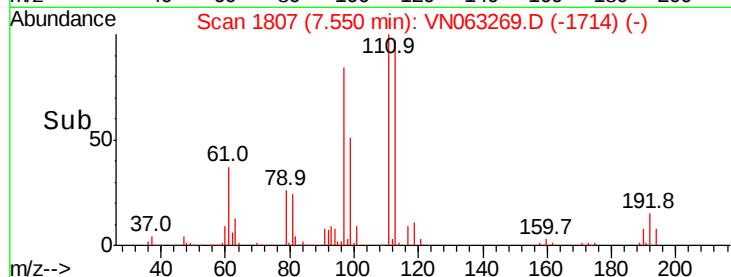
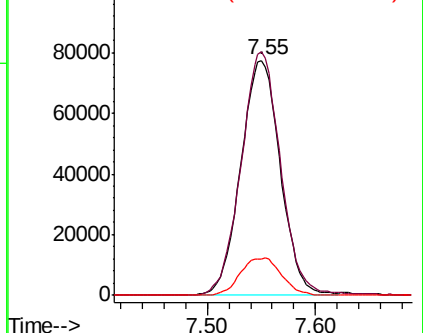
192 16.5 12.6 19.0



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: 50.479 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

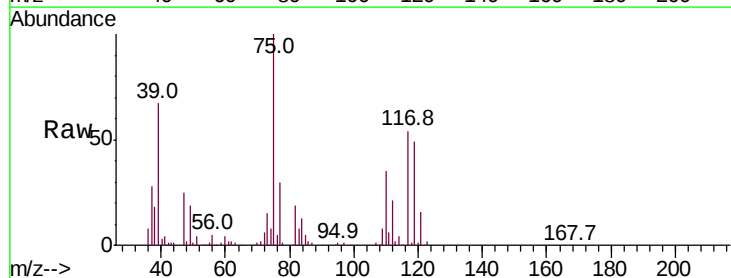
Tgt Ion: 75 Resp: 285820

Ion Ratio Lower Upper

75 100

110 34.4 16.6 49.8

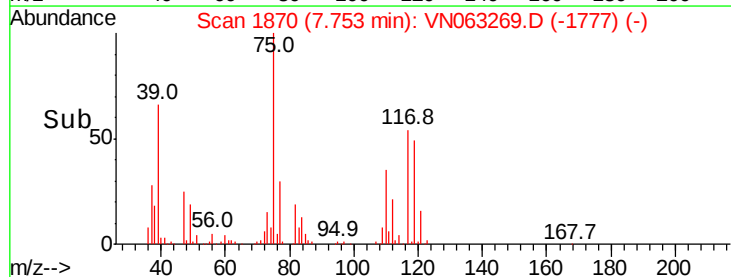
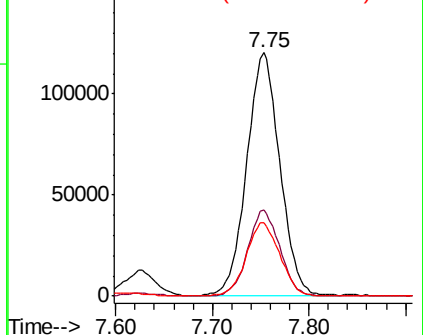
77 31.0 25.4 38.2

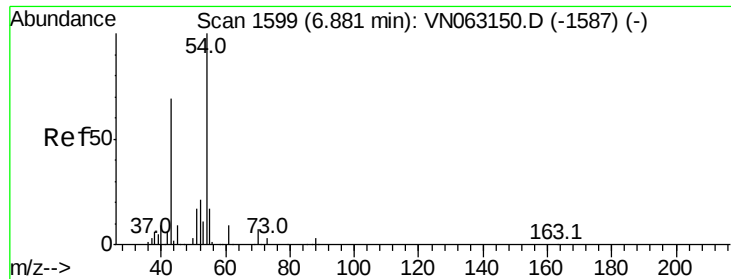


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

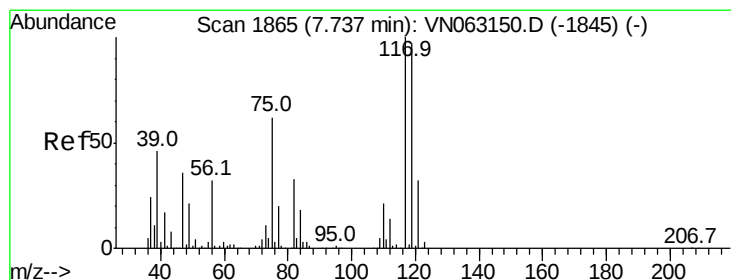
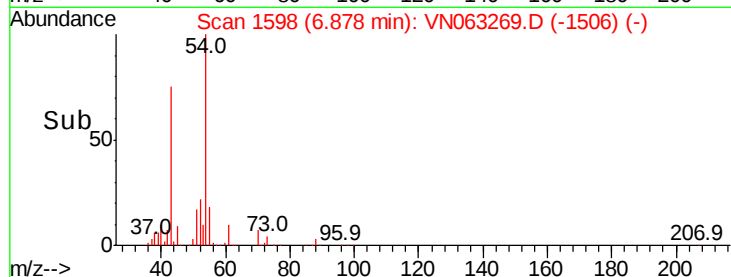
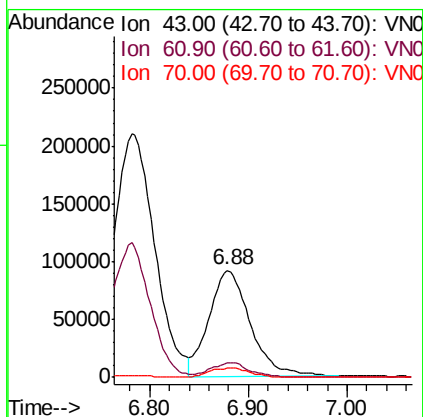
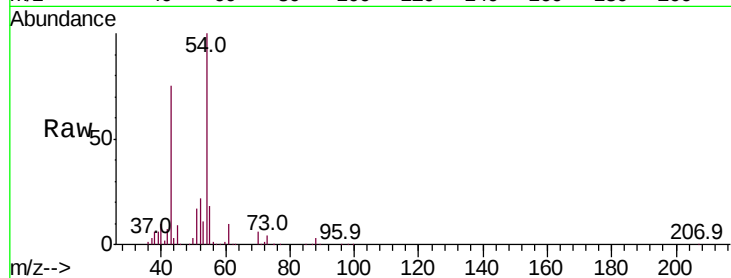




#37
Ethyl Acetate
Concen: 50.253 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

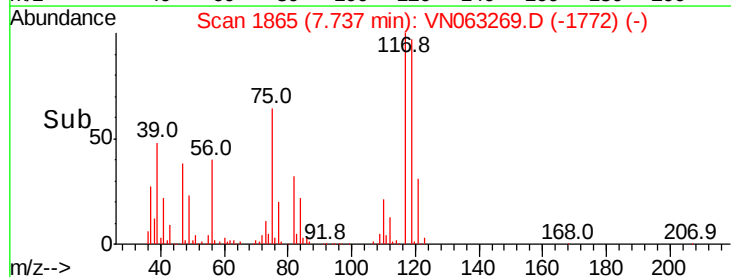
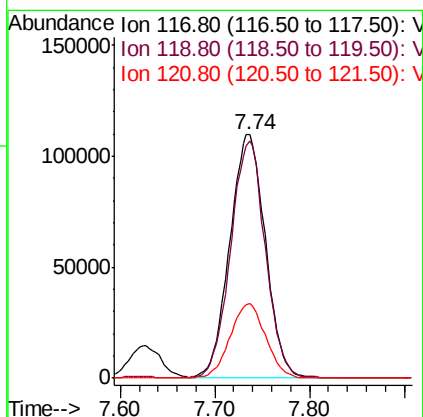
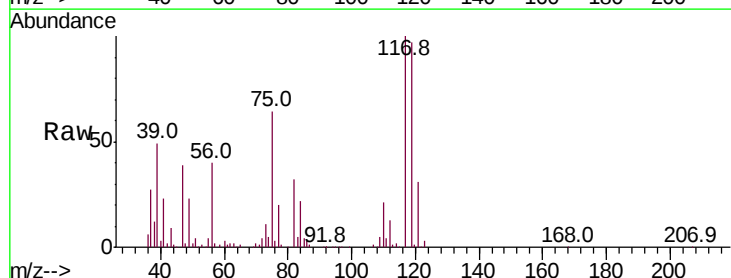
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

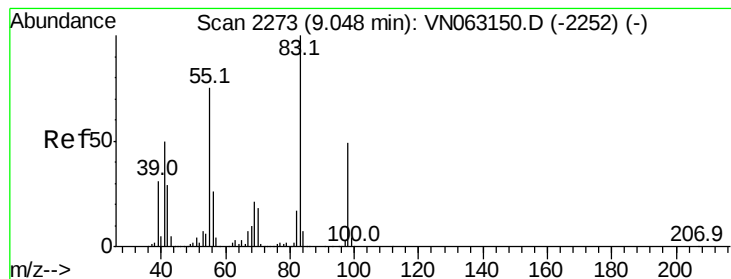
Tot Ion: 43 Resp: 268696
Ion Ratio Lower Upper
43 100
61 12.3 10.2 15.4
70 8.4 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 49.668 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion: 117 Resp: 285205
Ion Ratio Lower Upper
117 100
119 97.1 77.2 115.8
121 30.9 25.6 38.4





#39

Methvlcvclohexane

Concen: 43.601 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

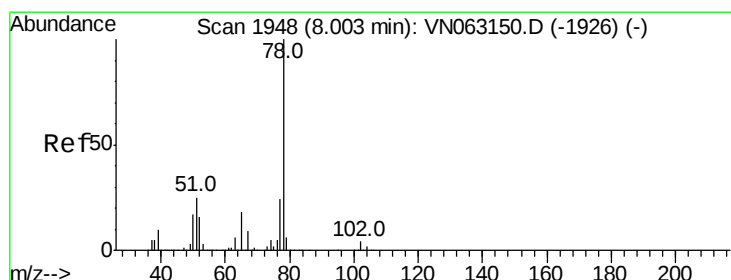
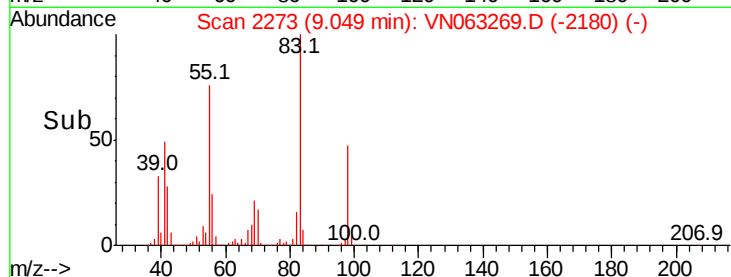
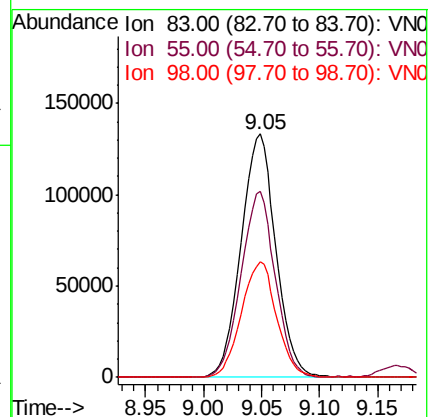
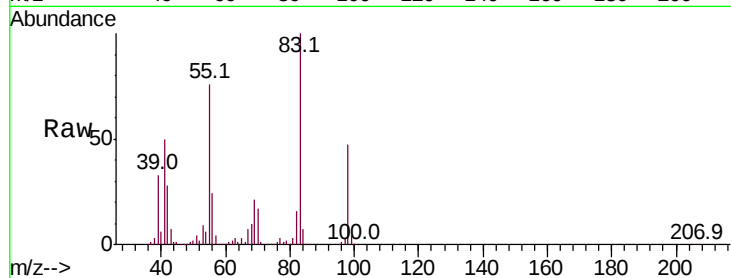
Tot Ion: 83 Resp: 277348

Ion Ratio Lower Upper

83 100

55 76.2 60.3 90.5

98 47.5 38.9 58.3



#40

Benzene

Concen: 51.732 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063269.D

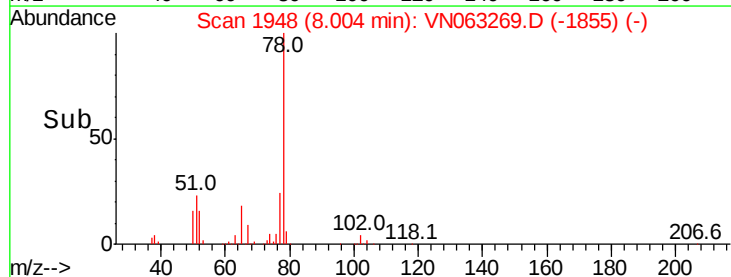
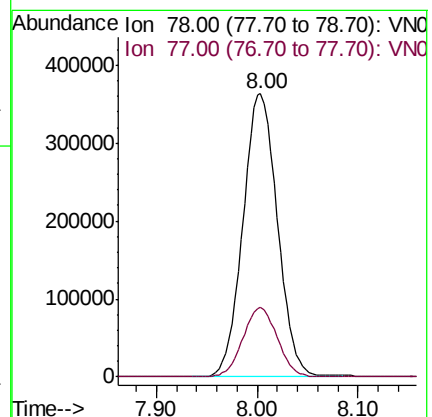
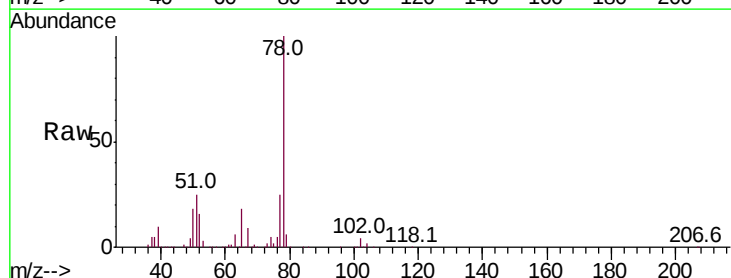
Acq: 5 Sep 2020 5:11

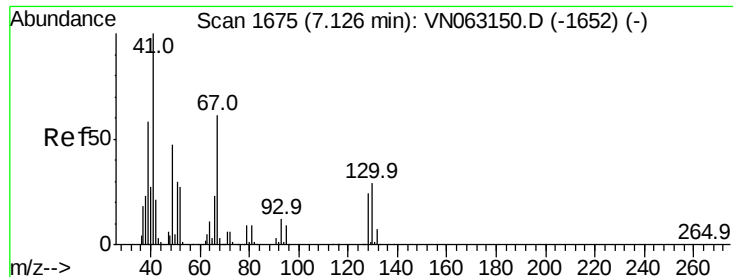
Tgt Ion: 78 Resp: 860773

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

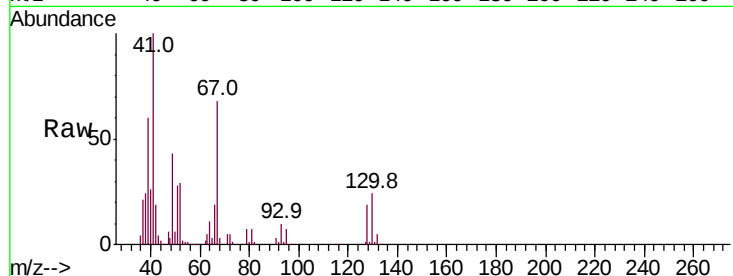




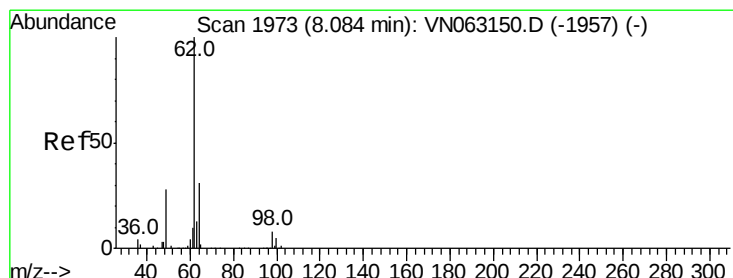
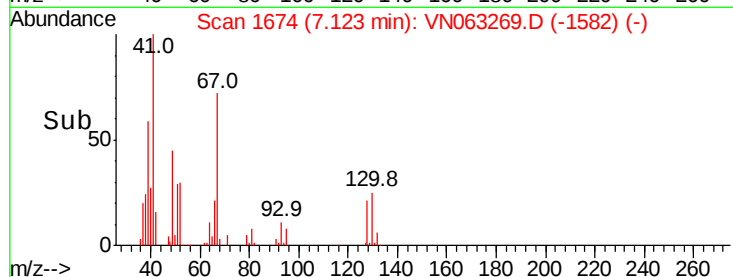
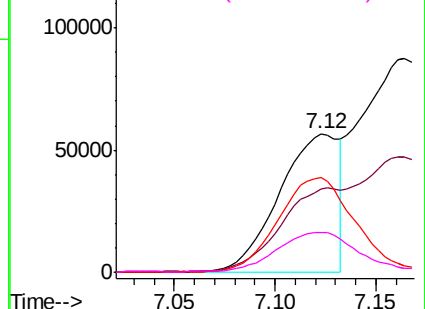
#41
Methacrylonitrile
Concen: 49.063 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	117032
Ion	Ratio	Lower	Upper
41	100		
39	59.0	46.6	70.0
67	88.8	62.6	94.0
52	38.9	28.0	42.0

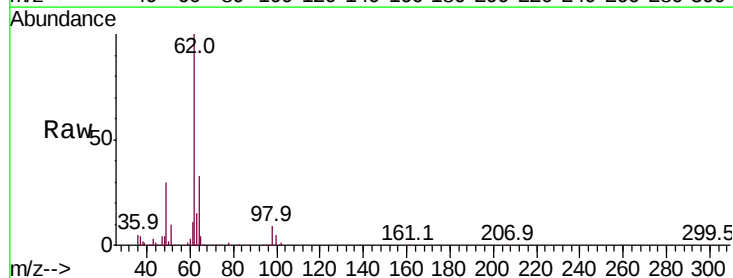


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

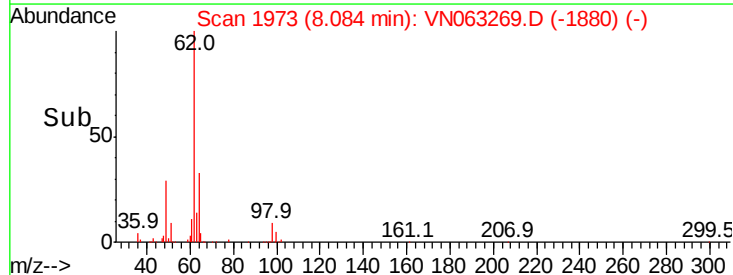
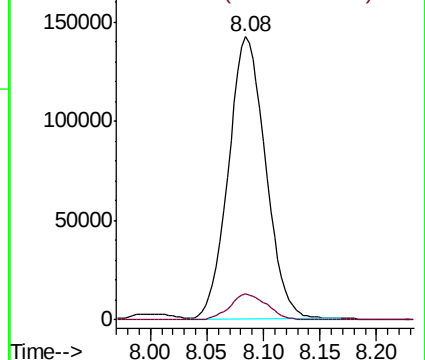


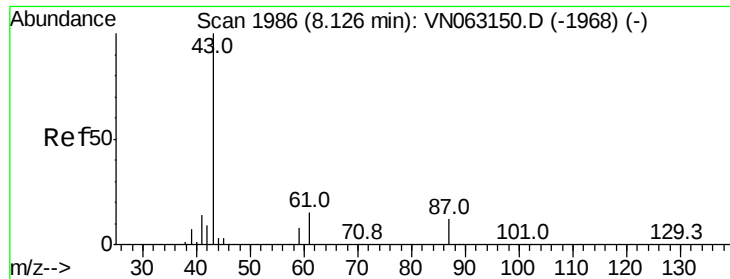
#42
1,2-Dichloroethane
Concen: 52.343 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion:	62	Resp:	325337
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 51.854 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

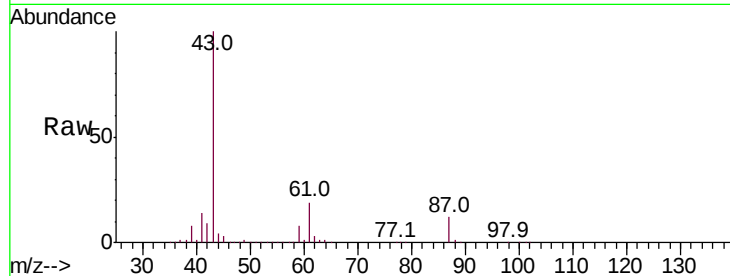
Tot Ion: 43 Resp: 478832

Ion Ratio Lower Upper

43 100

61 19.3 20.2 30.4#

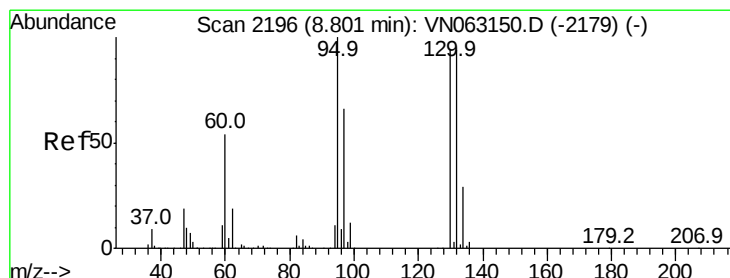
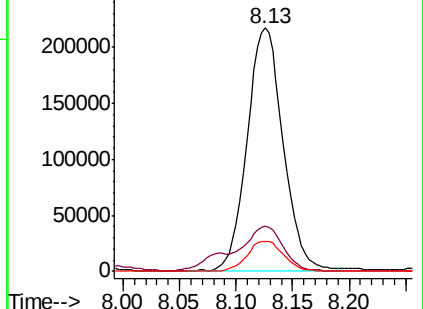
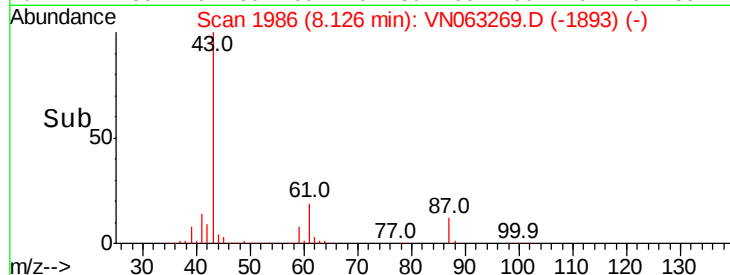
87 12.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063269.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063269.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063269.D (-1893) (-)



#44

Trichloroethene

Concen: 55.706 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063269.D

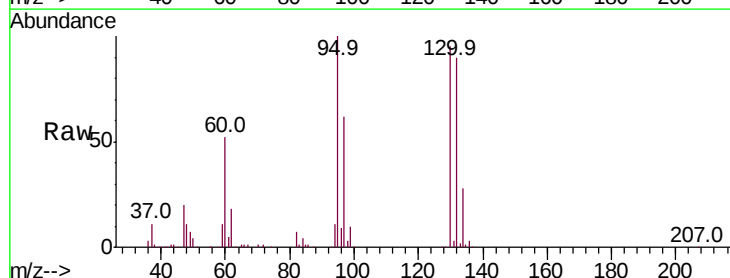
Acq: 5 Sep 2020 5:11

Tgt Ion:130 Resp: 224825

Ion Ratio Lower Upper

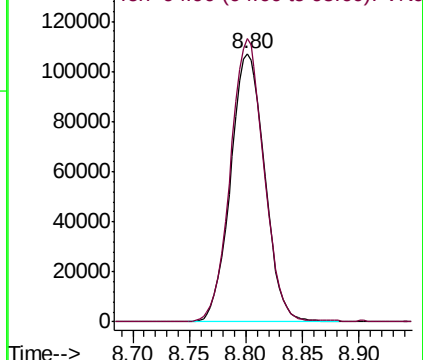
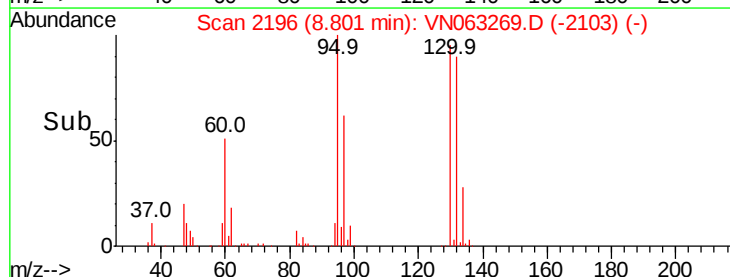
130 100

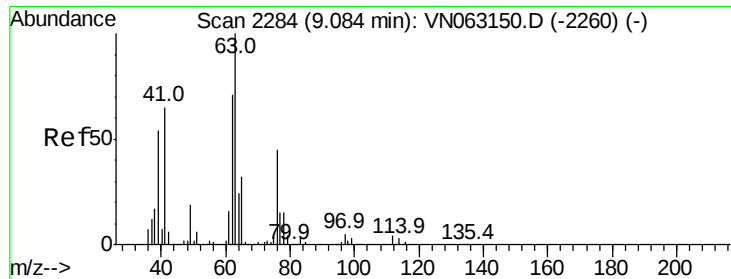
95 105.5 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063269.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063269.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 51.108 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

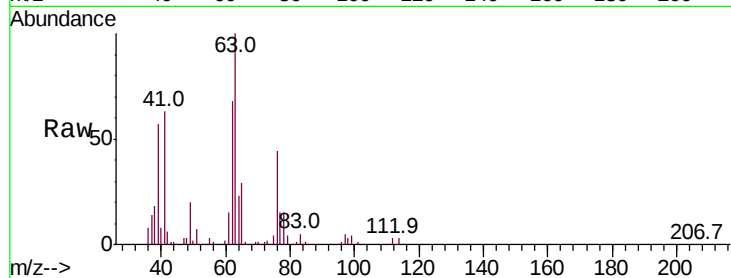
VSTDCCC050EC

Tot Ion: 63 Resp: 225154

Ion Ratio Lower Upper

63 100

65 29.1 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

120000

100000

80000

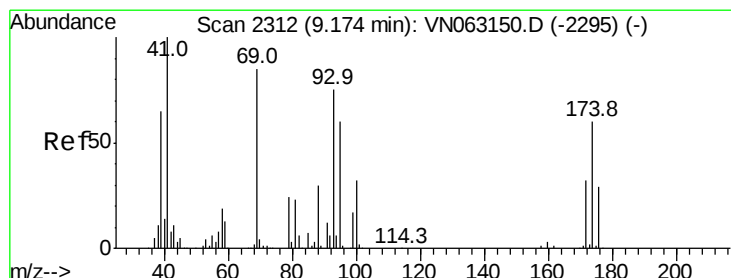
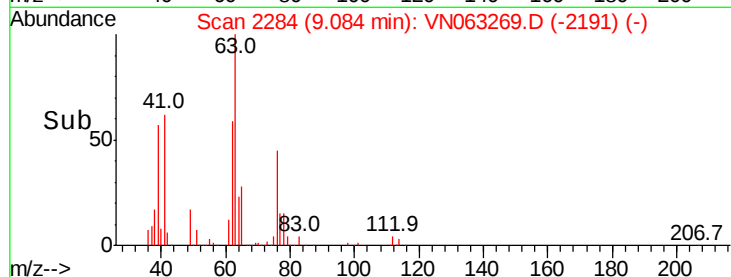
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 53.822 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

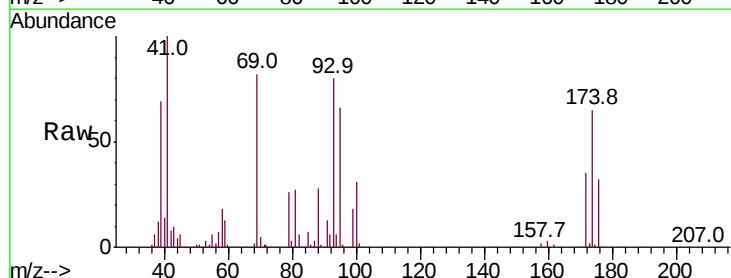
Tgt Ion: 93 Resp: 157133

Ion Ratio Lower Upper

93 100

95 81.6 65.2 97.8

174 82.0 64.6 97.0



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.17

100000

80000

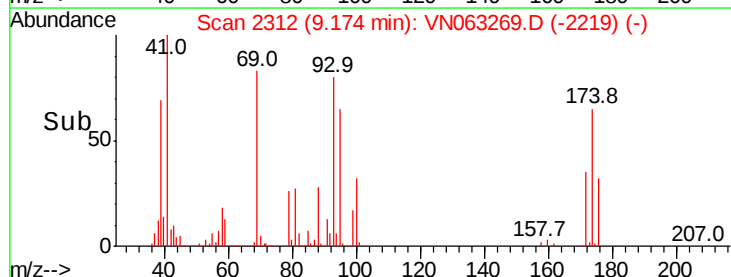
60000

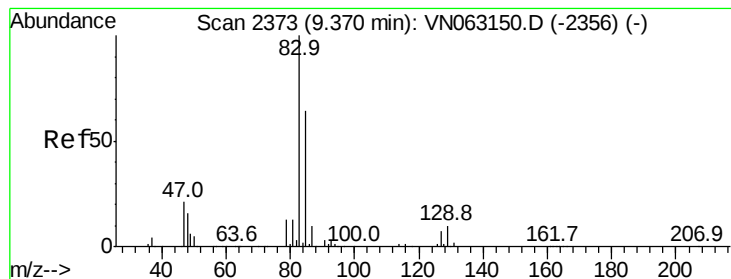
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 51.803 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

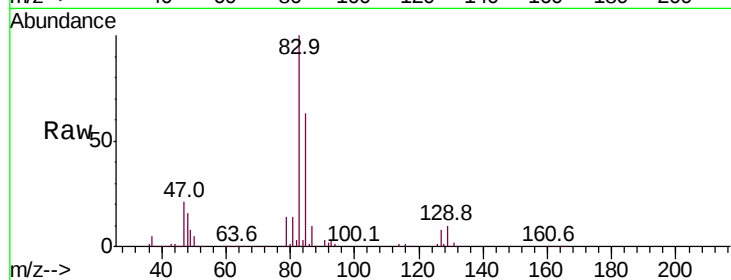
Tot Ion: 83 Resp: 324175

Ion Ratio Lower Upper

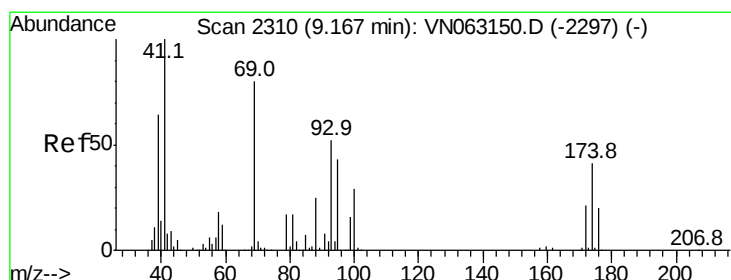
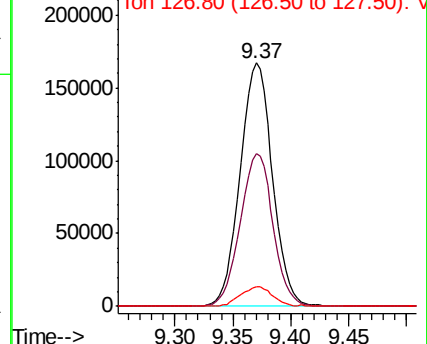
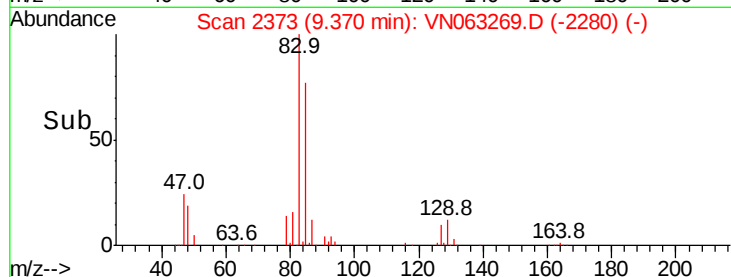
83 100

85 62.9 51.0 76.6

127 7.8 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063269.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.167 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

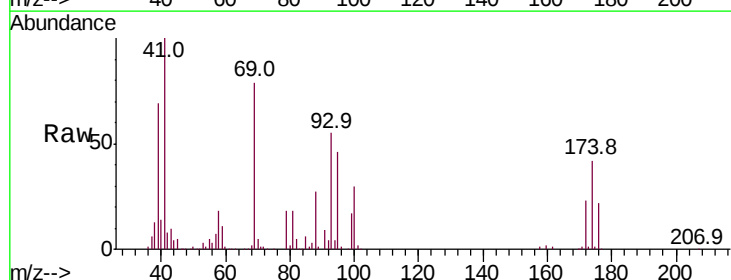
Tgt Ion: 41 Resp: 221322

Ion Ratio Lower Upper

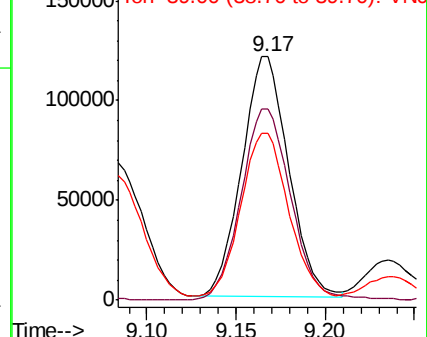
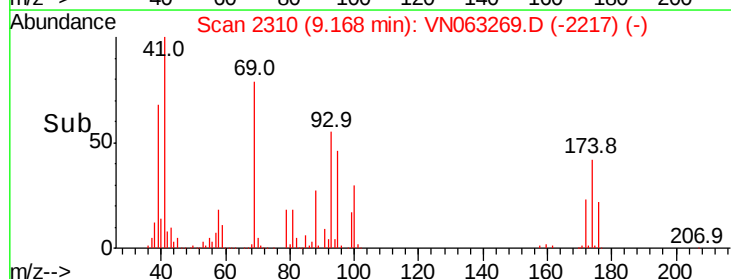
41 100

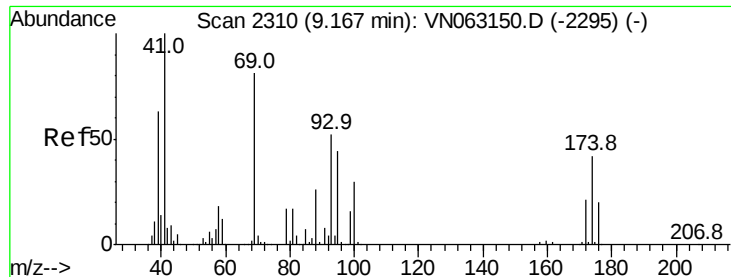
69 84.8 65.9 98.9

39 71.6 52.0 78.0



Abundance Ion 41.00 (40.70 to 41.70): VN063269.D (-2217) (-)

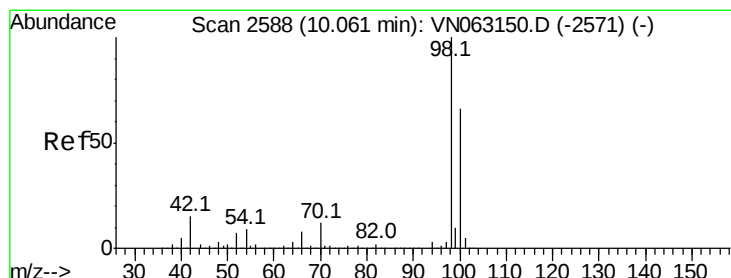
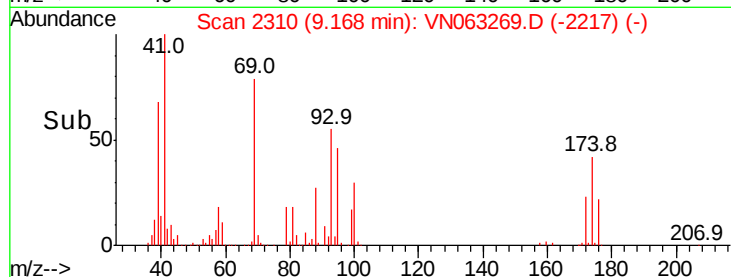
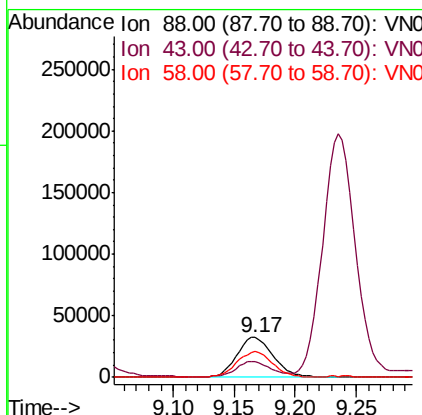
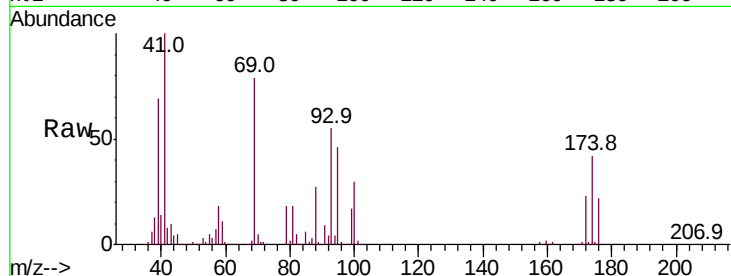




#49
1,4-Dioxane
Concen: 1042.598 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

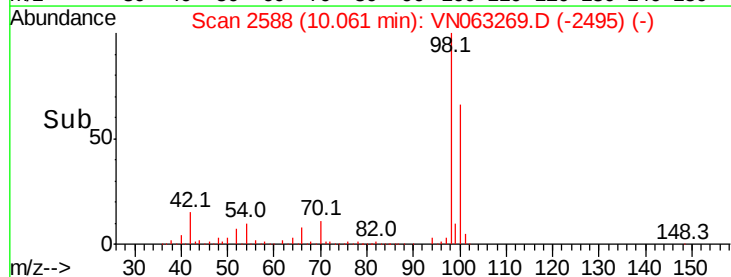
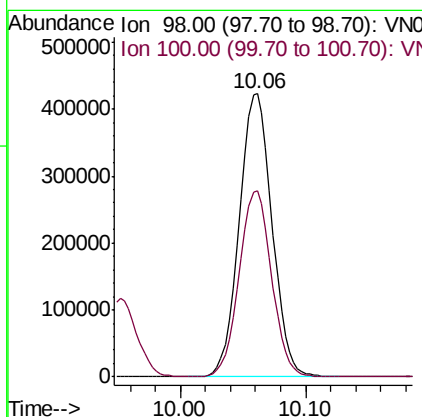
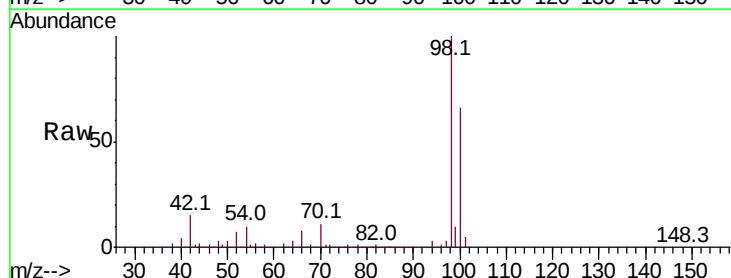
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

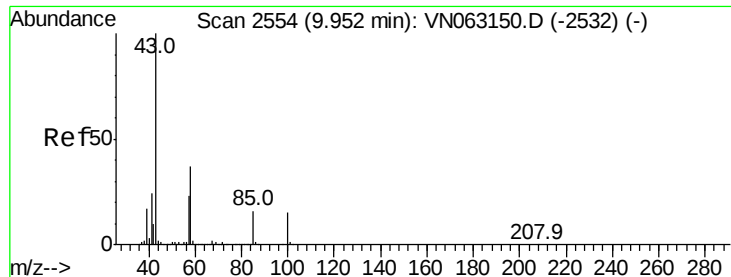
Tot Ion: 88 Resp: 67129
Ion Ratio Lower Upper
88 100
43 35.4 28.6 42.8
58 63.8 53.2 79.8



#50
Toluene-d8
Concen: 52.773 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion: 98 Resp: 767536
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 284.016 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

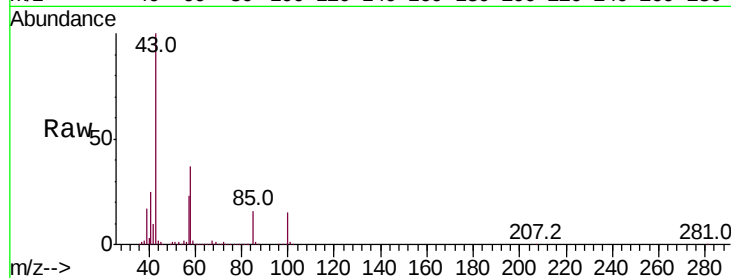
VSTDCCC050EC

Tot Ion: 43 Resp: 1425176

Ion Ratio Lower Upper

43 100

58 37.0 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2532) (-)

9.95

800000

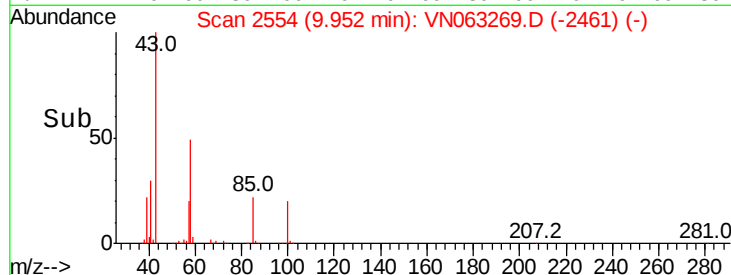
600000

400000

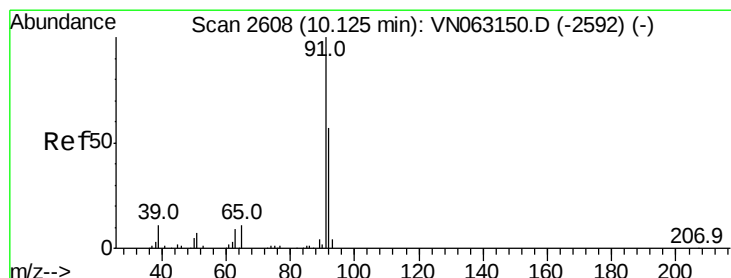
200000

0

Time-->



Time-->



#52

Toluene

Concen: 54.754 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063269.D

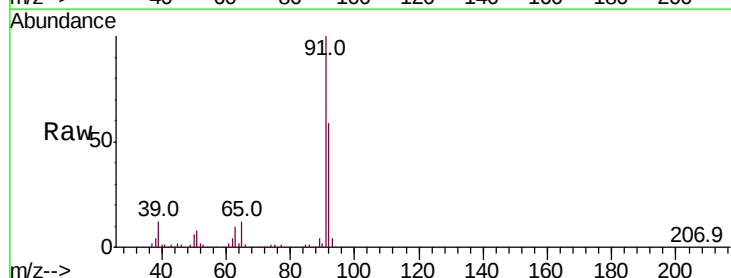
Acq: 5 Sep 2020 5:11

Tgt Ion: 92 Resp: 567529

Ion Ratio Lower Upper

92 100

91 170.0 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063150.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063150.D (-2592) (-)

10.13

600000

500000

400000

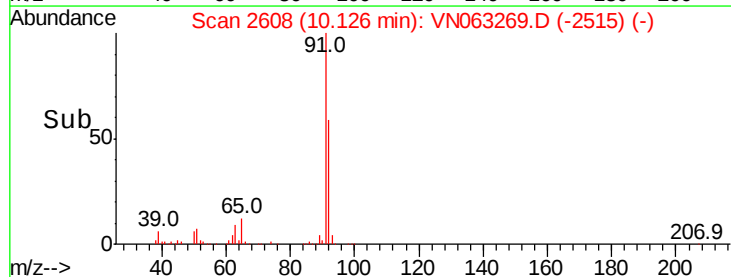
300000

200000

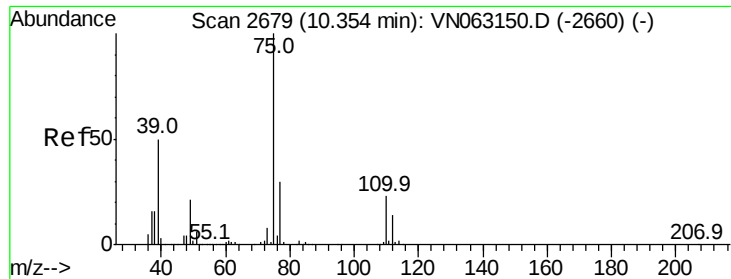
100000

0

Time-->



Time-->



#53

t-1,3-Dichloropropene

Concen: 48.250 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

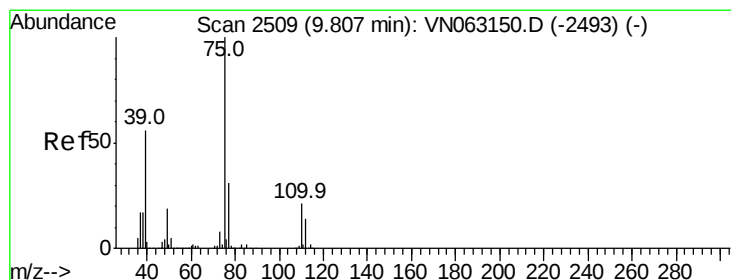
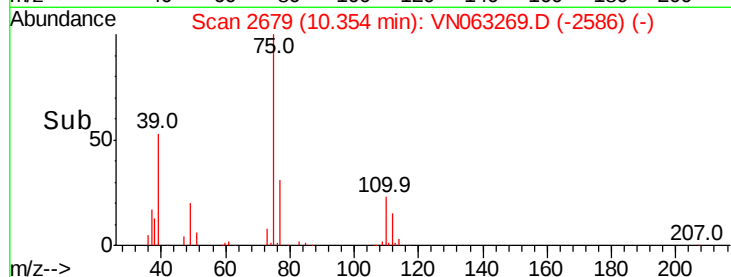
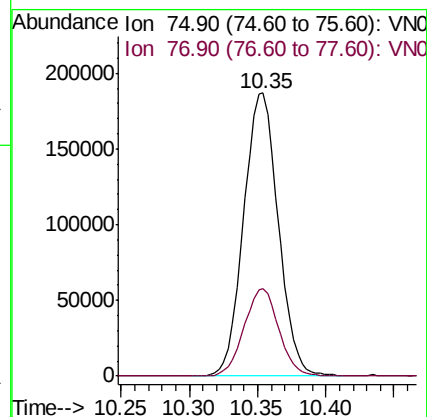
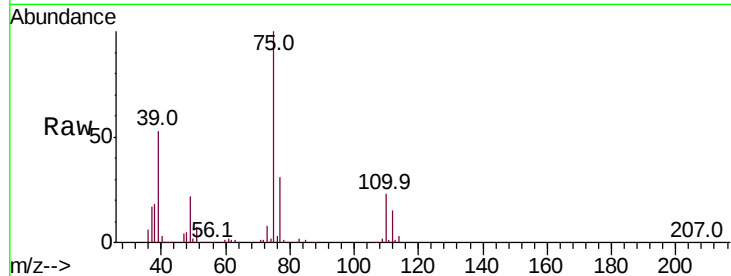
VSTDCCC050EC

Tot Ion: 75 Resp: 330280

Ion Ratio Lower Upper

75 100

77 30.9 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 48.703 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

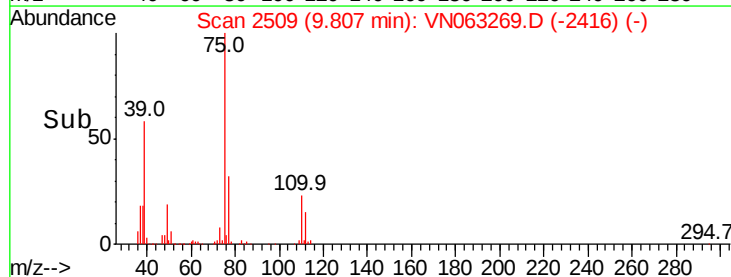
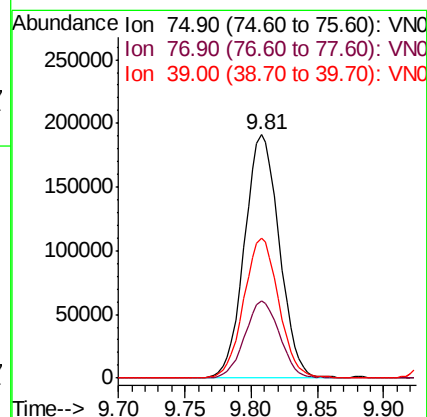
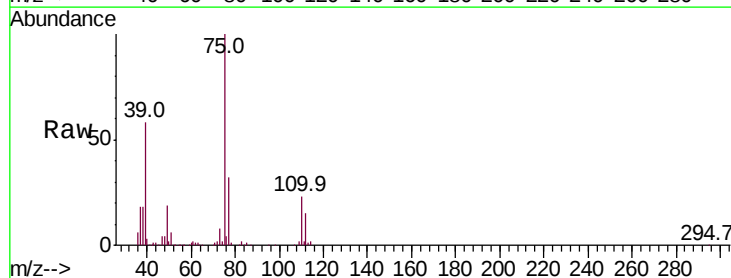
Tgt Ion: 75 Resp: 349944

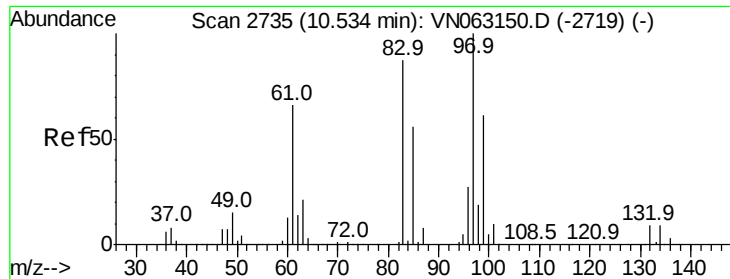
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 57.5 45.0 67.6

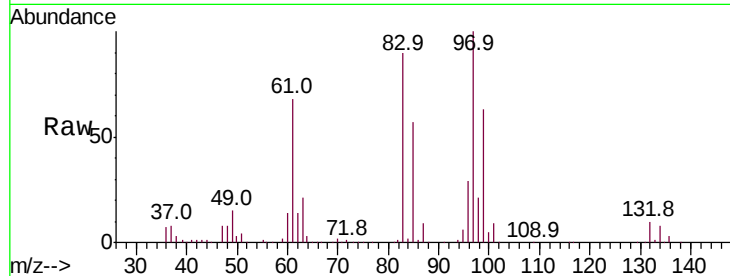




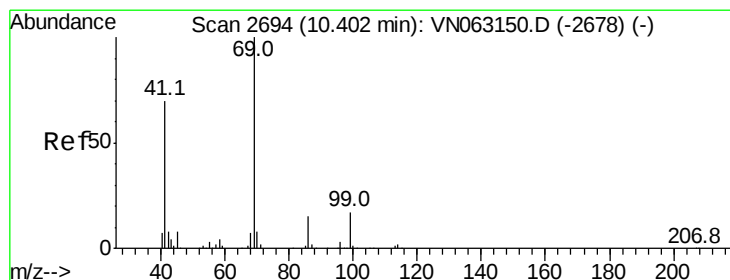
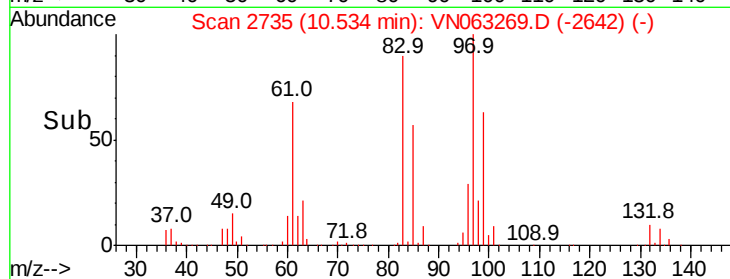
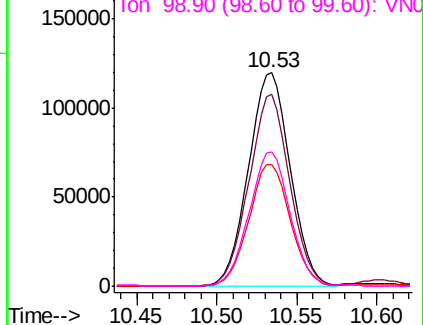
#55
 1,1,2-Trichloroethane
 Concen: 54.307 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063269.D
 Acq: 5 Sep 2020 5:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	215575
Ion	Ratio	Lower	Upper
97	100		
83	90.0	69.8	104.8
85	56.8	44.9	67.3
99	63.0	48.8	73.2

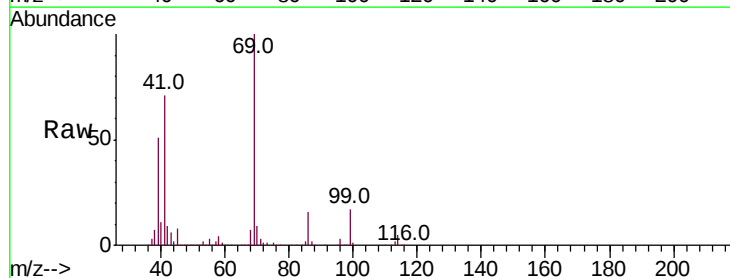


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

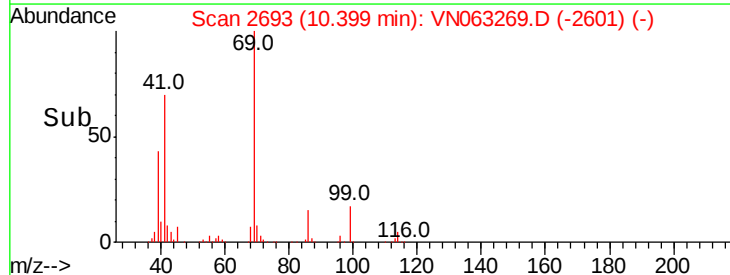
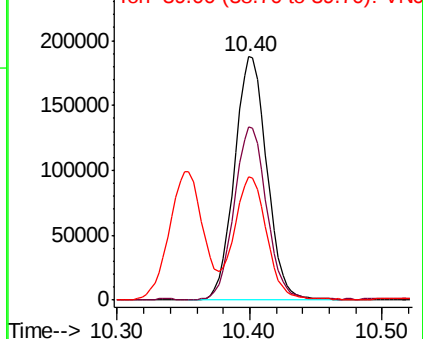


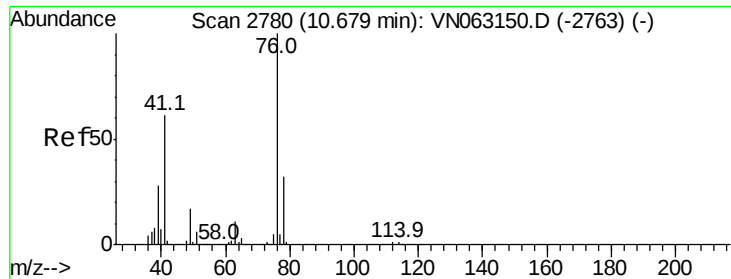
#56
 Ethyl methacrylate
 Concen: 52.814 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063269.D
 Acq: 5 Sep 2020 5:11

Tgt Ion:	69	Resp:	319049
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.5	83.3
39	50.0	38.2	57.2



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: 53.022 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

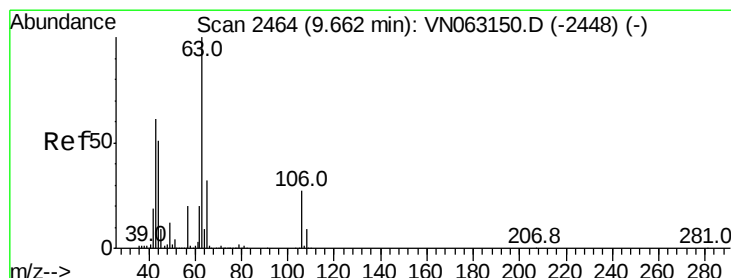
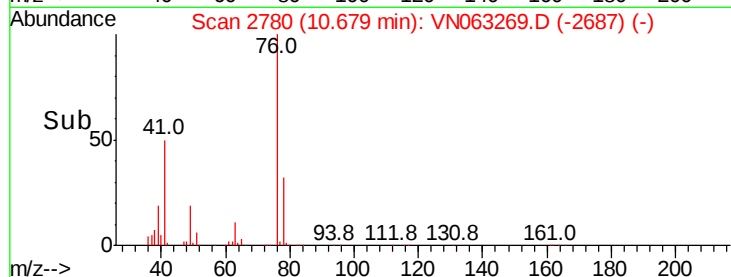
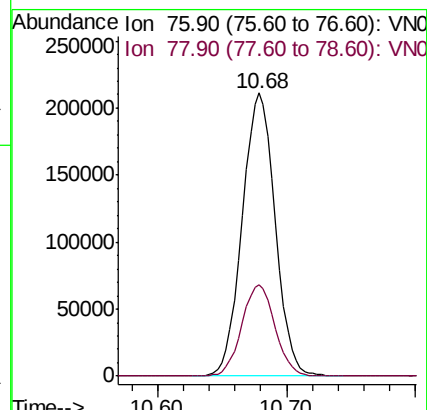
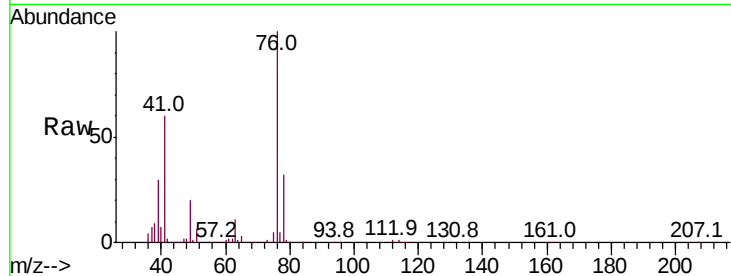
VSTDCCC050EC

Tot Ion: 76 Resp: 374951

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 255.320 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063269.D

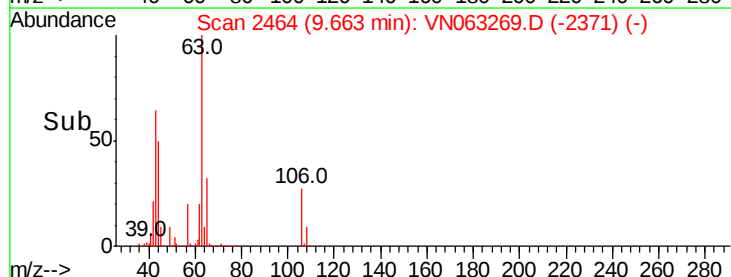
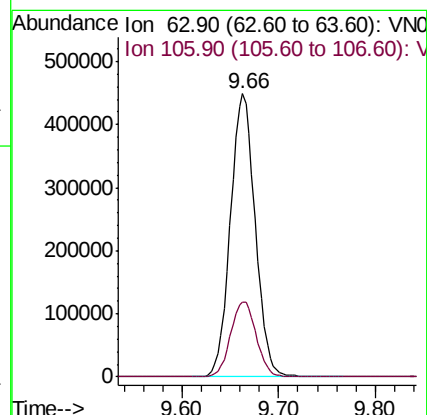
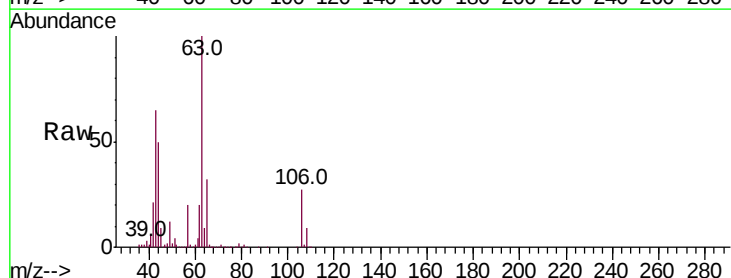
Acq: 5 Sep 2020 5:11

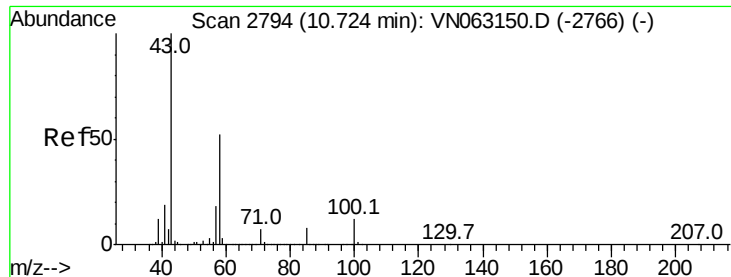
Tgt Ion: 63 Resp: 798709

Ion Ratio Lower Upper

63 100

106 27.4 21.8 32.6

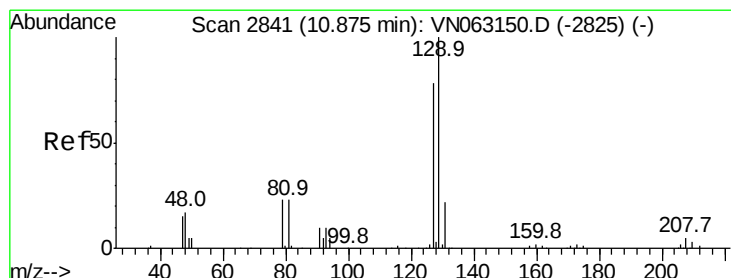
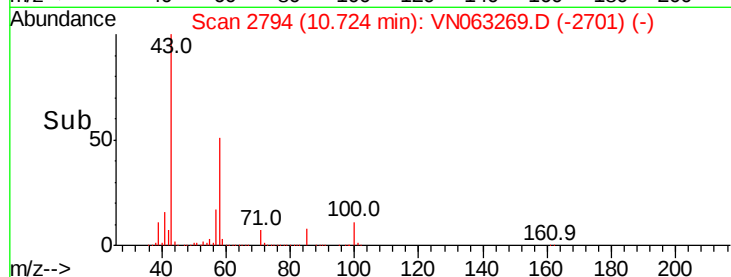
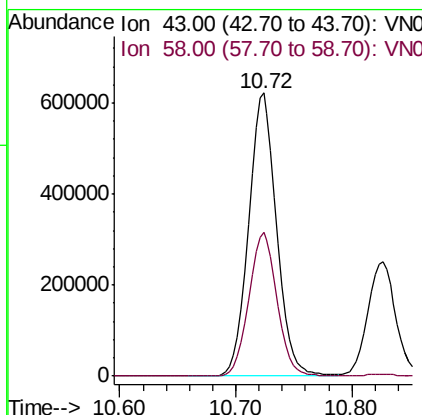
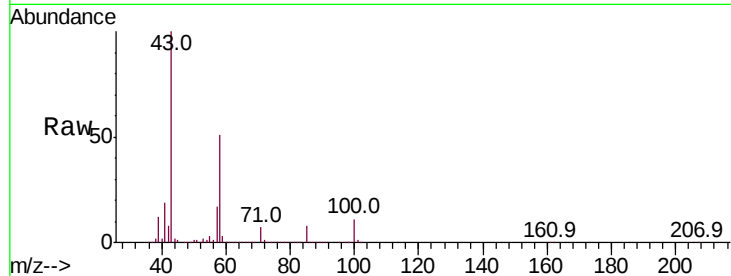




#59
2-Hexanone
Concen: 295.703 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

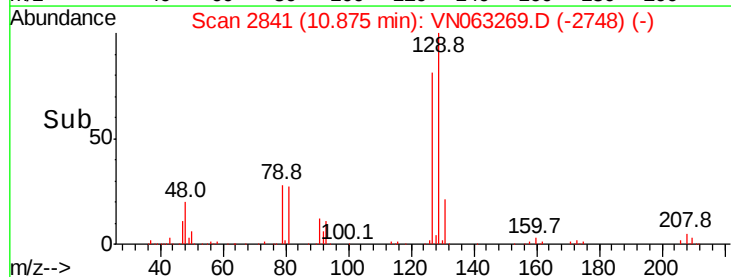
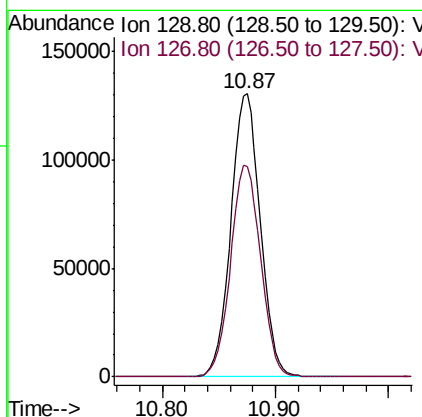
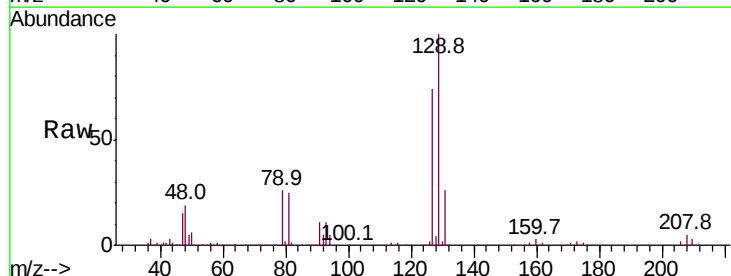
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

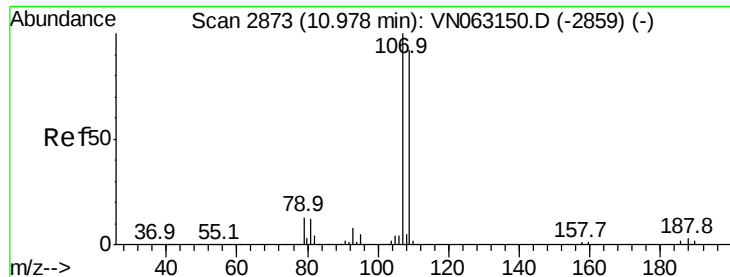
Tot Ion: 43 Resp: 1042807
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8



#60
Dibromochloromethane
Concen: 53.884 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion: 129 Resp: 236477
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 54.392 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

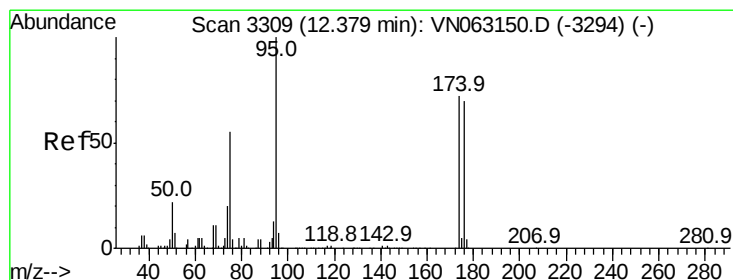
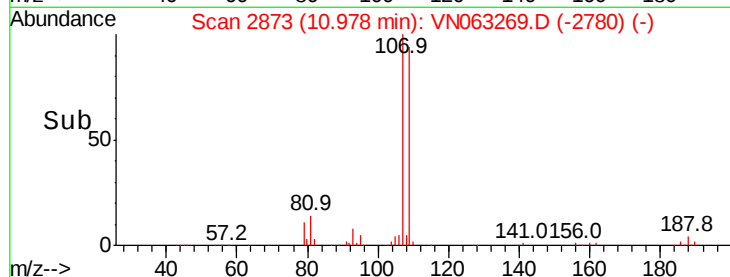
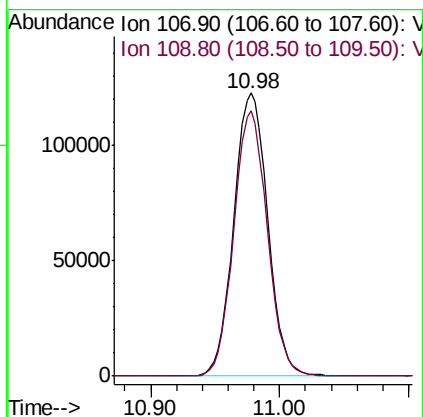
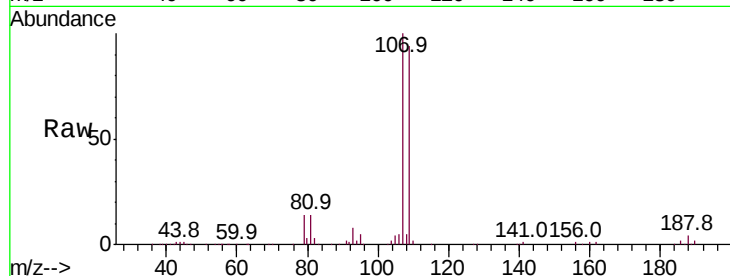
VSTDCCC050EC

Tot Ion:107 Resp: 224448

Ion Ratio Lower Upper

107 100

109 92.8 73.4 110.0



#62

4-Bromofluorobenzene

Concen: 53.753 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

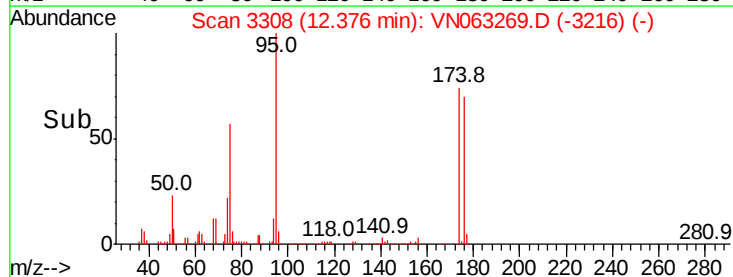
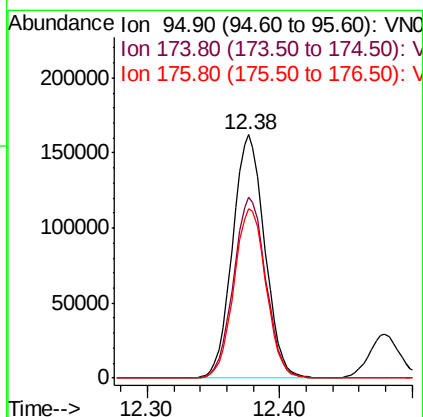
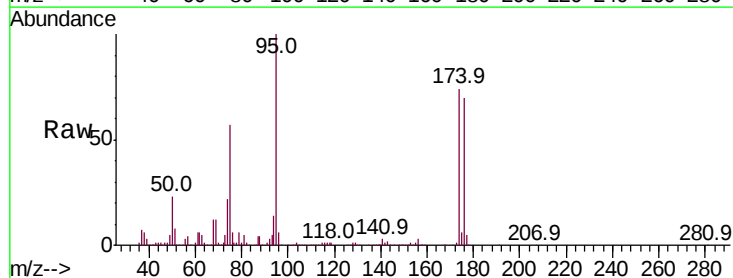
Tgt Ion: 95 Resp: 273470

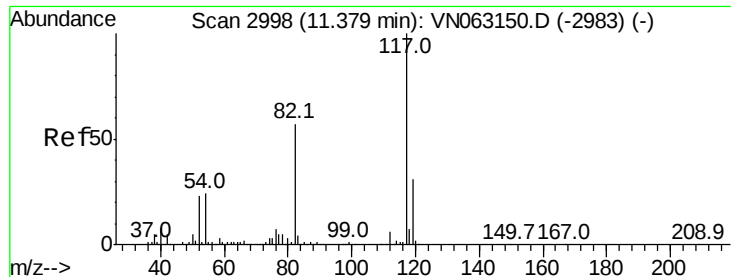
Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.8

176 69.5 0.0 138.4

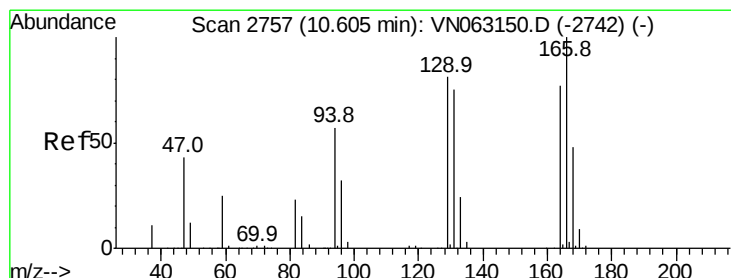
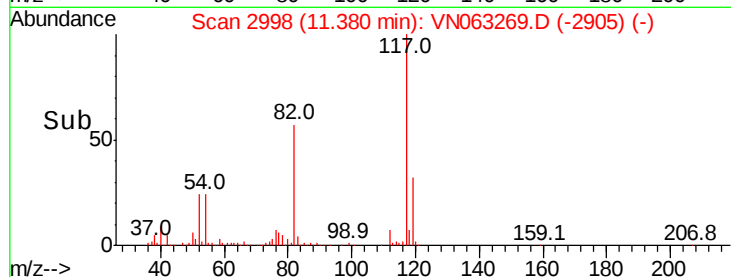
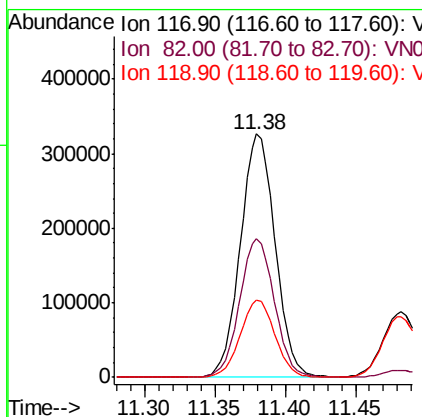
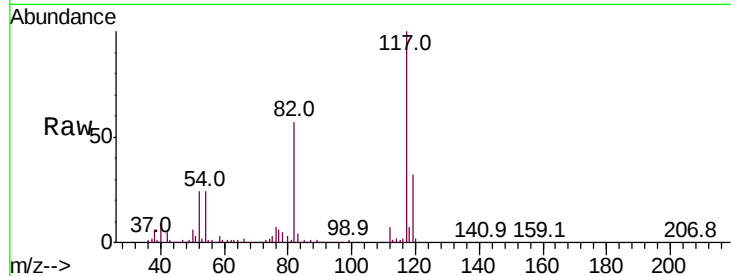




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

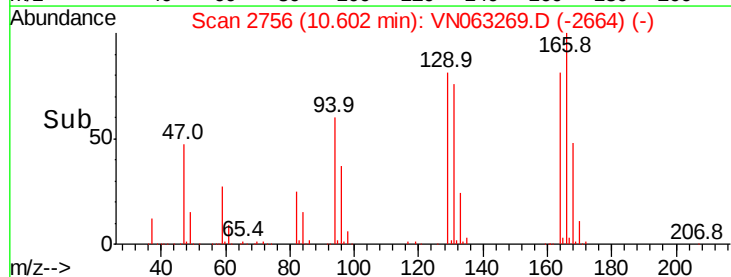
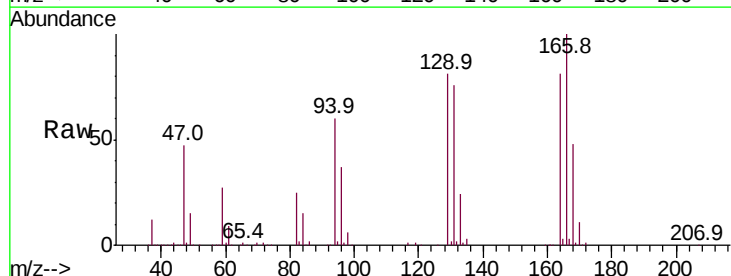
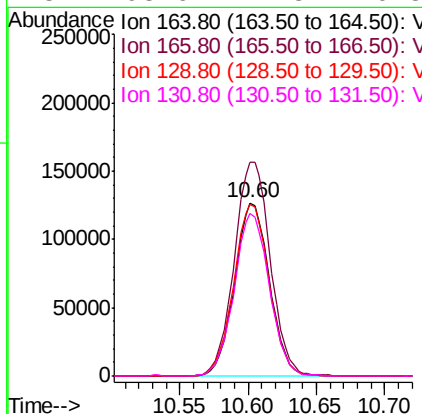
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

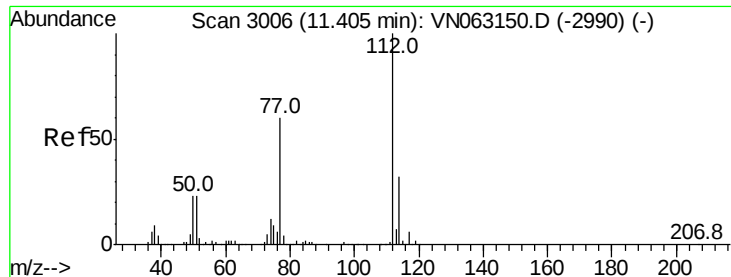
Tot Ion:117 Resp: 565326
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.0
119 31.7 24.6 37.0



#64
Tetrachloroethene
Concen: 55.284 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion:164 Resp: 224431
Ion Ratio Lower Upper
164 100
166 123.1 103.4 155.2
129 99.4 83.4 125.0
131 93.6 77.8 116.8

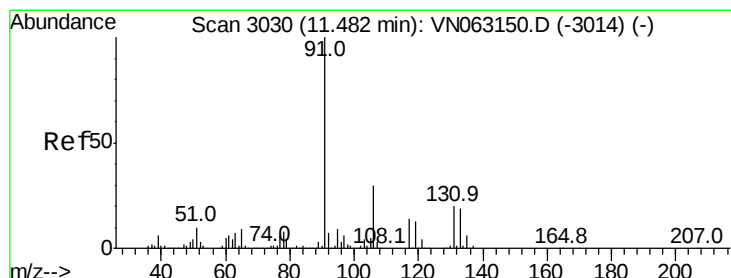
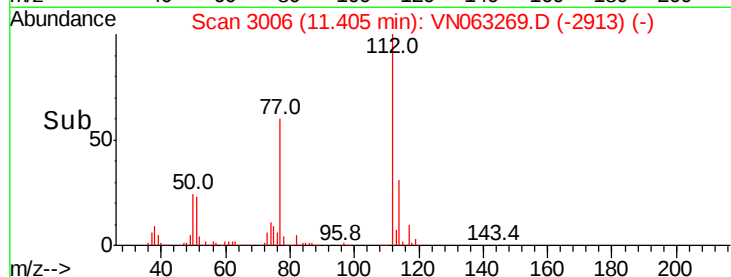
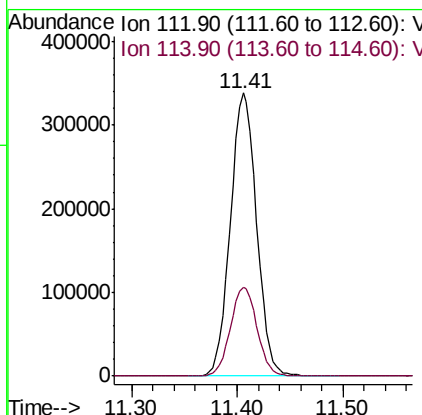
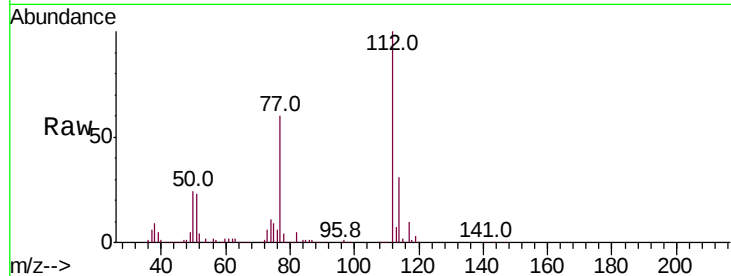




#65
Chlorobenzene
Concen: 51.045 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

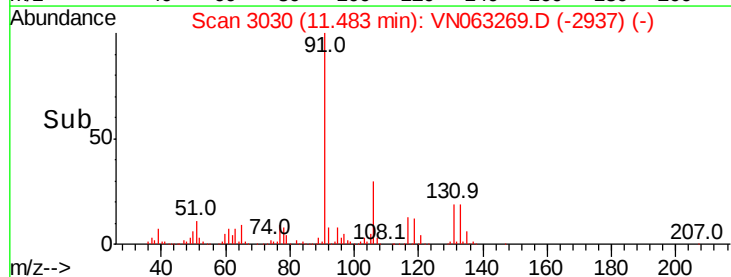
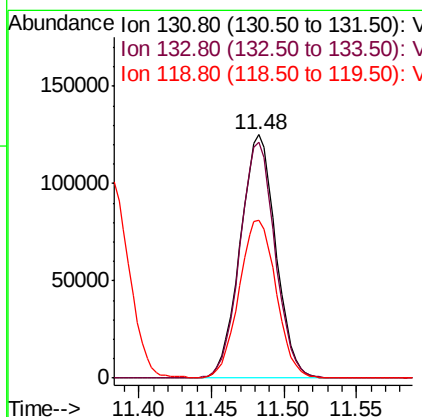
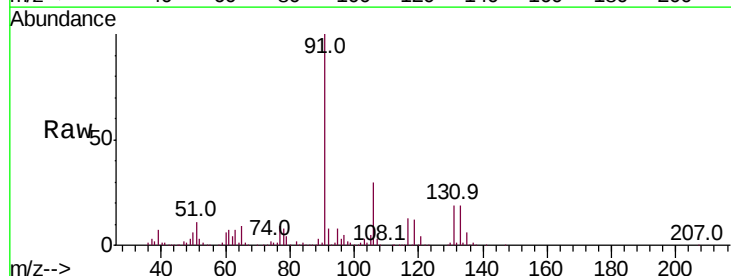
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

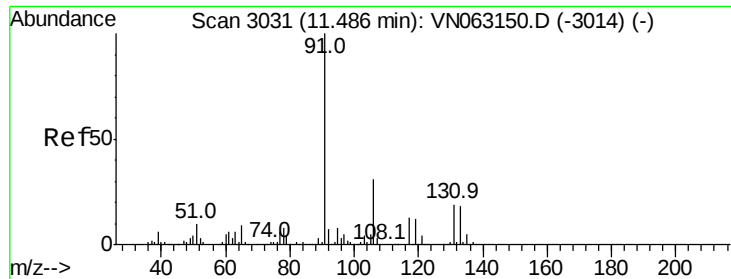
Tot Ion:112 Resp: 581218
Ion Ratio Lower Upper
112 100
114 31.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.499 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion:131 Resp: 213484
Ion Ratio Lower Upper
131 100
133 96.2 47.3 142.0
119 67.7 32.4 97.0





#67

Ethyl Benzene

Concen: 52.637 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

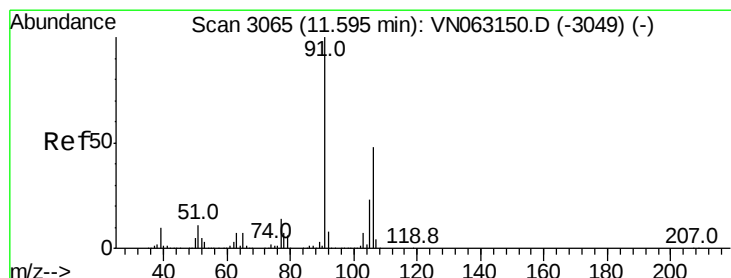
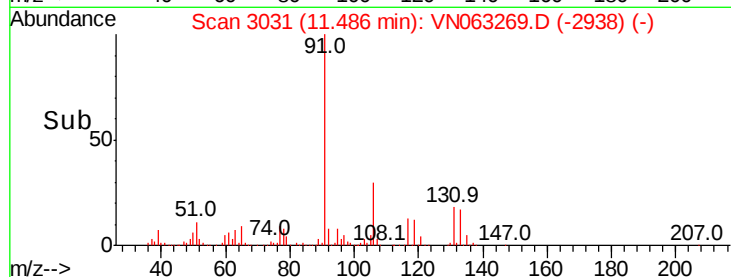
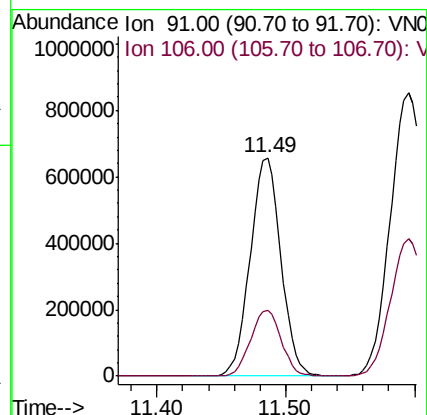
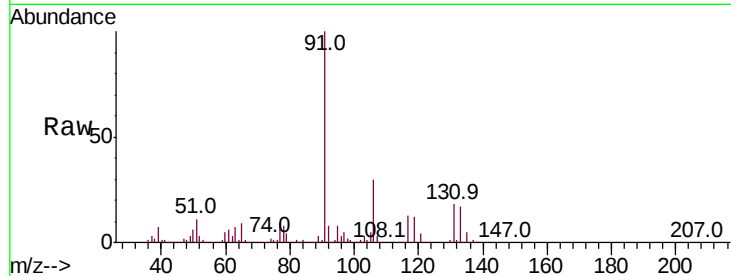
VSTDCCC050EC

Tot Ion: 91 Resp: 1093370

Ion Ratio Lower Upper

91 100

106 30.1 24.4 36.6



#68

m/p-Xylenes

Concen: 104.490 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063269.D

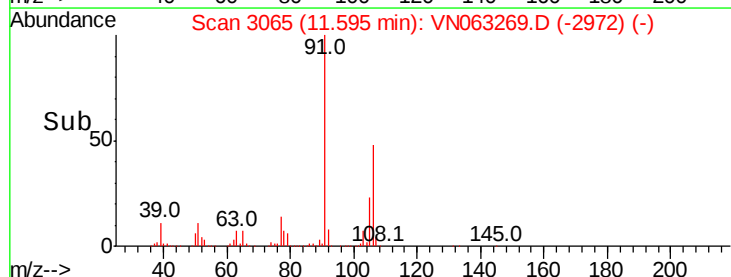
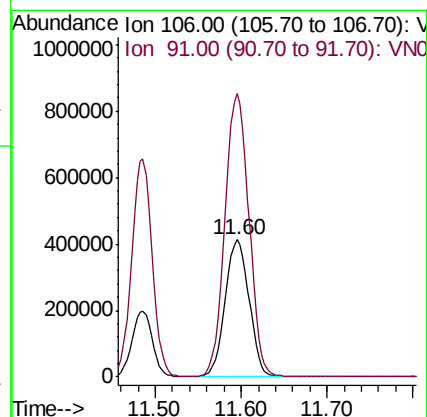
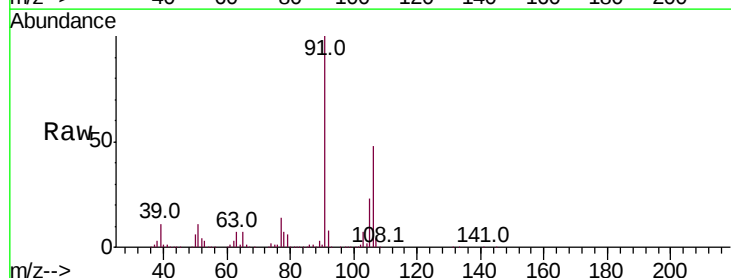
Acq: 5 Sep 2020 5:11

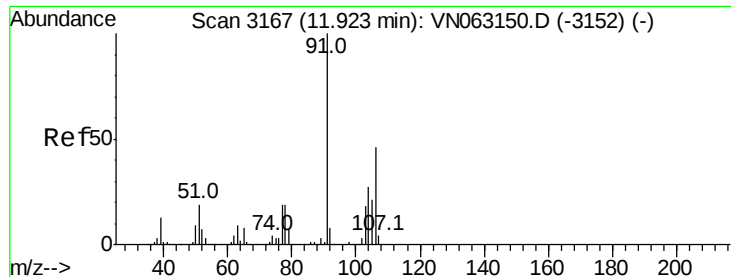
Tgt Ion: 106 Resp: 803874

Ion Ratio Lower Upper

106 100

91 205.8 166.7 250.1

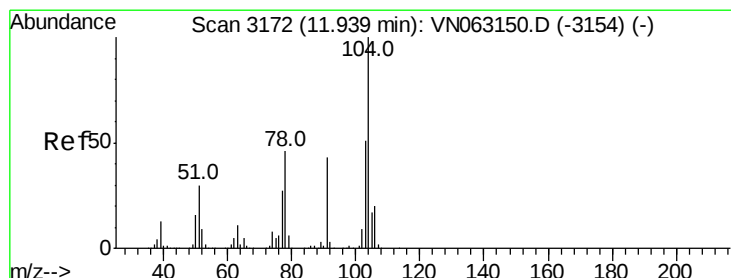
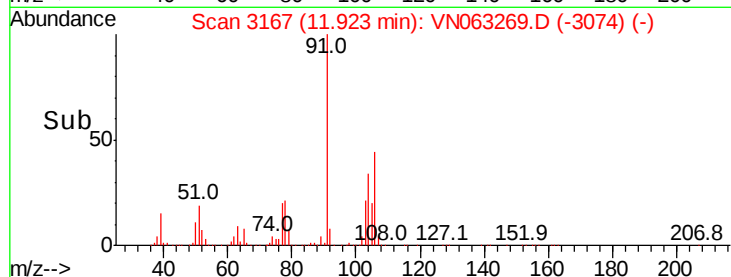
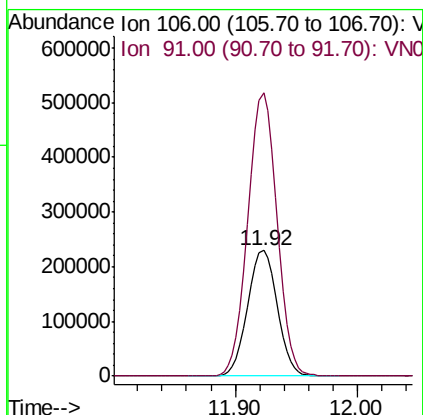
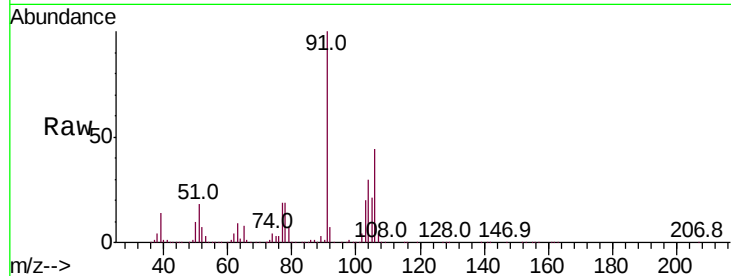




#69
o-Xylene
Concen: 51.856 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

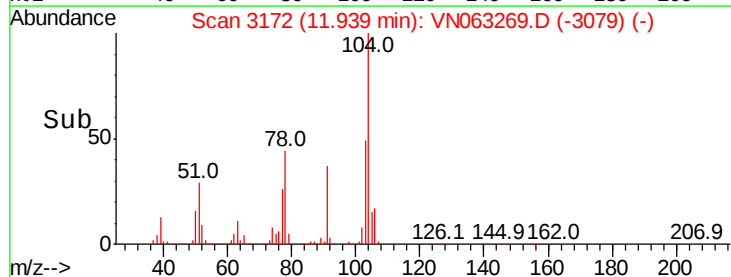
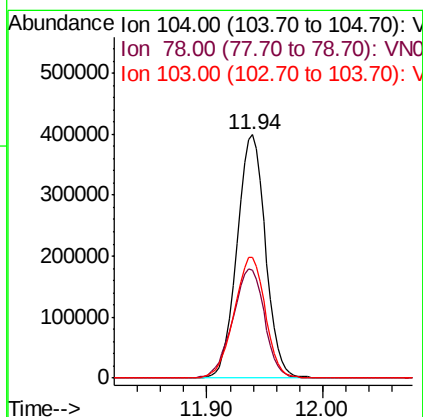
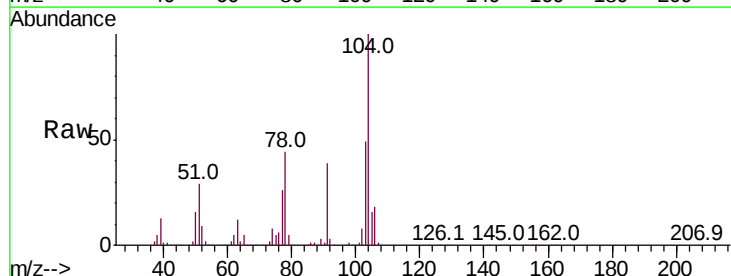
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

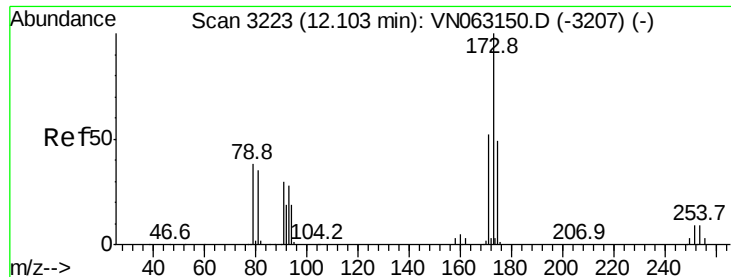
Tot Ion:106 Resp: 385398
Ion Ratio Lower Upper
106 100
91 221.0 108.6 325.6



#70
Styrene
Concen: 53.124 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion:104 Resp: 678542
Ion Ratio Lower Upper
104 100
78 50.0 41.0 61.6
103 54.4 43.8 65.8

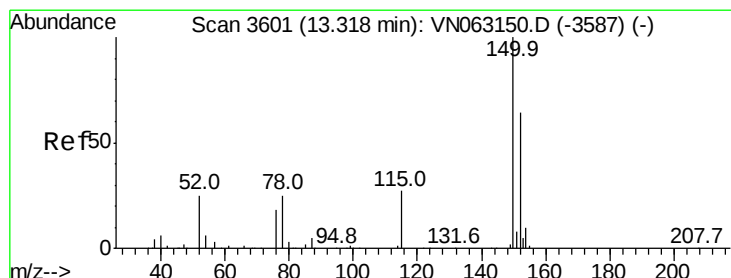
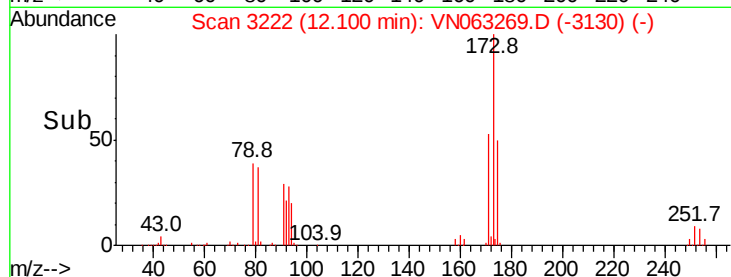
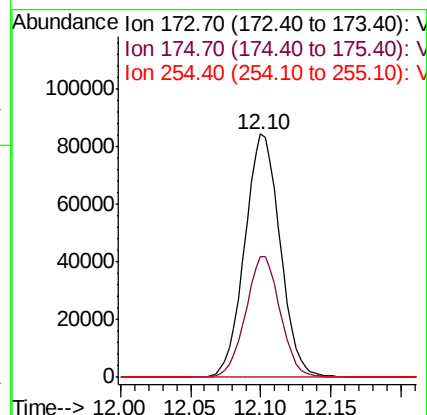
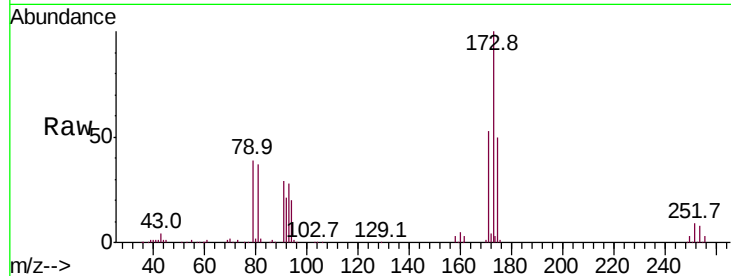




#71
Bromoform
Concen: 51.899 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

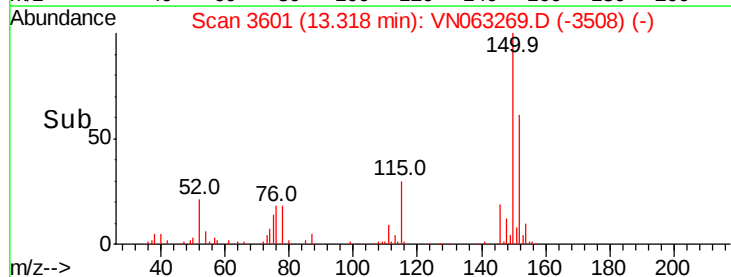
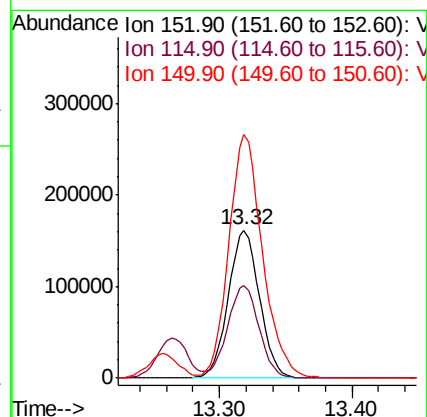
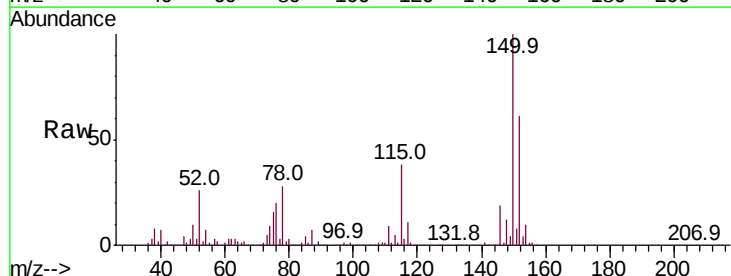
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

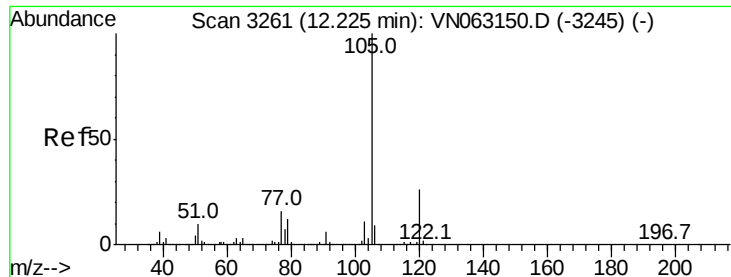
Tot Ion:173 Resp: 148896
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion:152 Resp: 264949
Ion Ratio Lower Upper
152 100
115 62.3 32.0 96.2
150 176.7 0.0 353.0





#73

Isopropylbenzene

Concen: 50.869 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

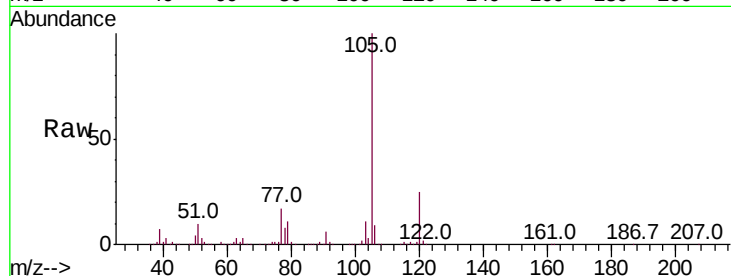
VSTDCCC050EC

Tot Ion:105 Resp: 1033722

Ion Ratio Lower Upper

105 100

120 25.2 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

600000

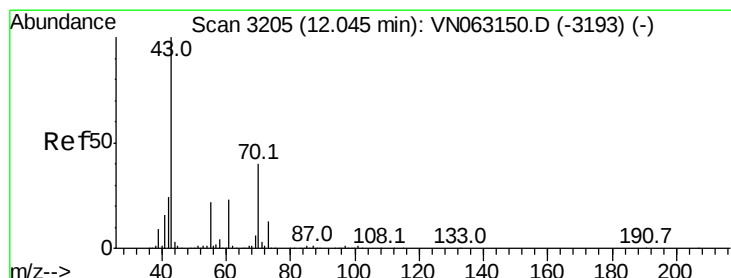
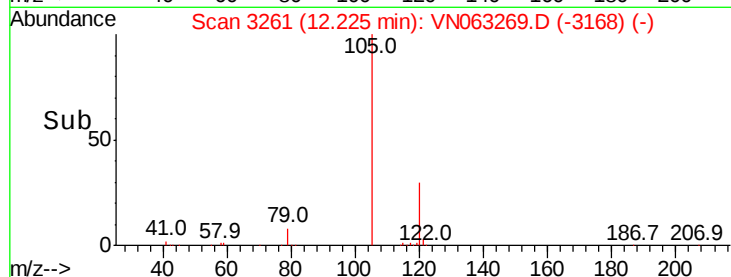
400000

200000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 52.098 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Tgt Ion: 43 Resp: 438527

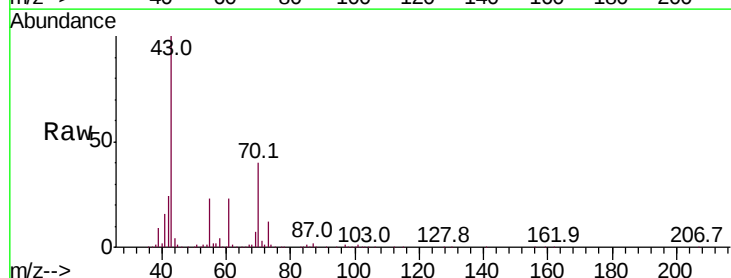
Ion Ratio Lower Upper

43 100

70 39.7 32.1 48.1

55 22.1 17.4 26.0

61 22.9 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

300000

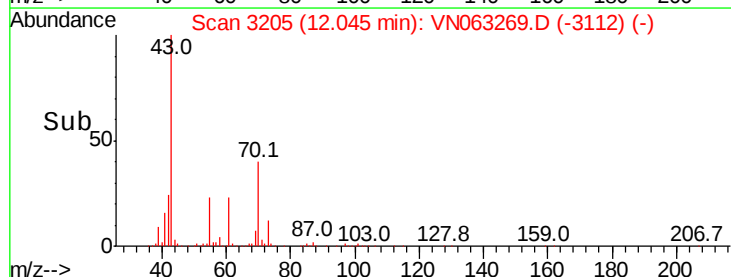
200000

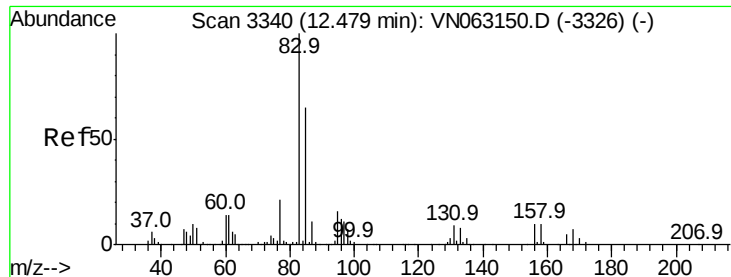
100000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 50.327 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

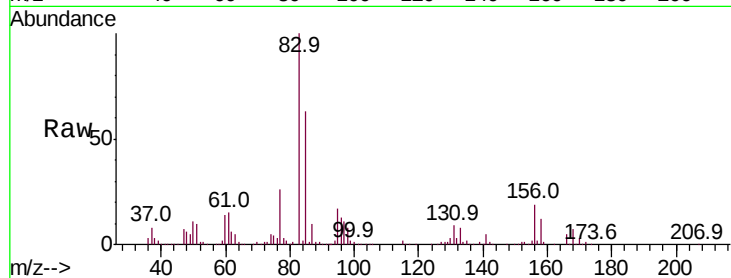
Tot Ion: 83 Resp: 294852

Ion Ratio Lower Upper

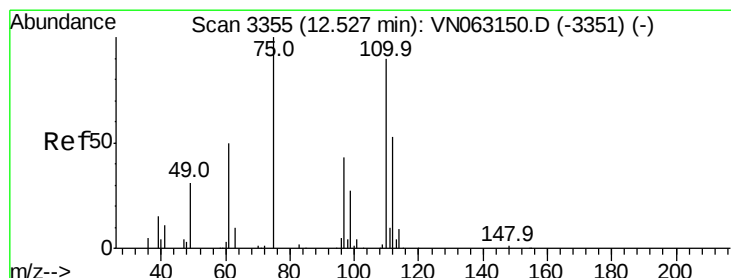
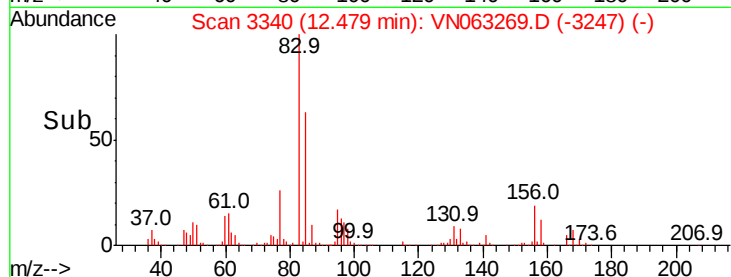
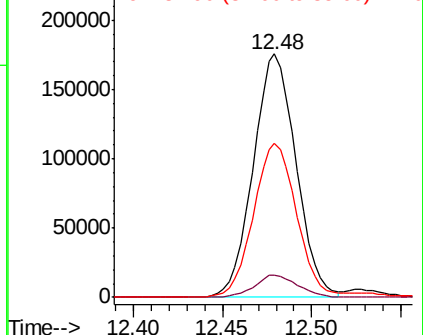
83 100

131 9.2 4.7 14.0

85 63.7 32.7 98.1



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



#76

1,2,3-Trichloropropane

Concen: 74.834 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063269.D

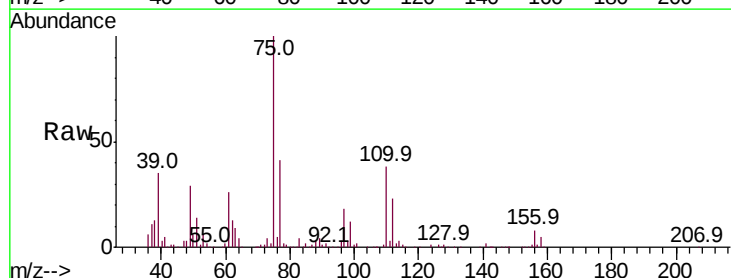
Acq: 5 Sep 2020 5:11

Tgt Ion: 75 Resp: 389564

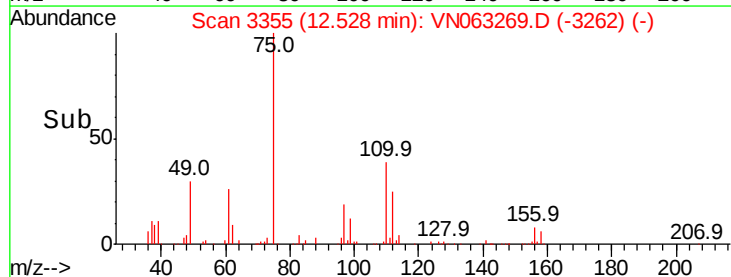
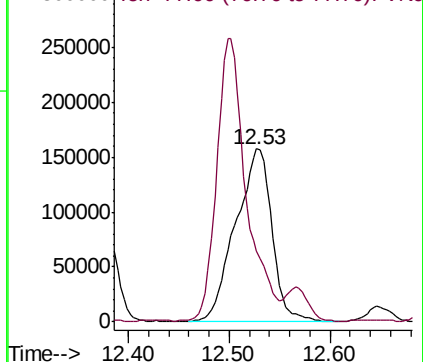
Ion Ratio Lower Upper

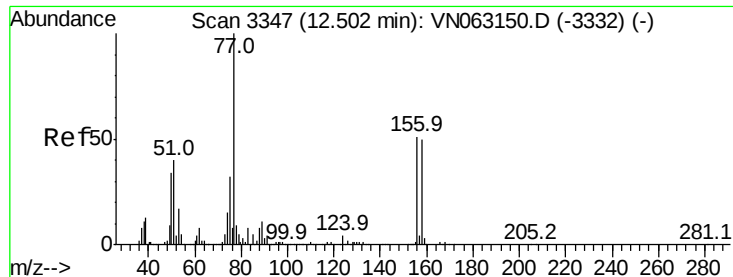
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 57.012 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

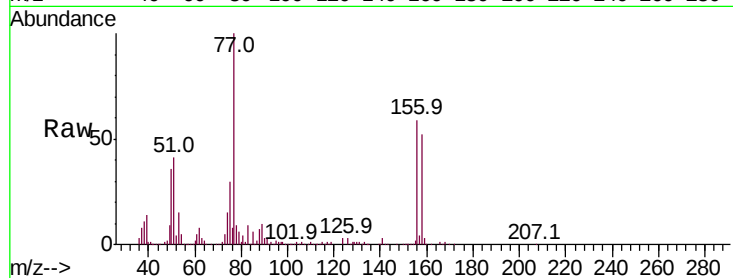
Tot Ion:156 Resp: 262019

Ion Ratio Lower Upper

156 100

77 199.9 116.1 348.3

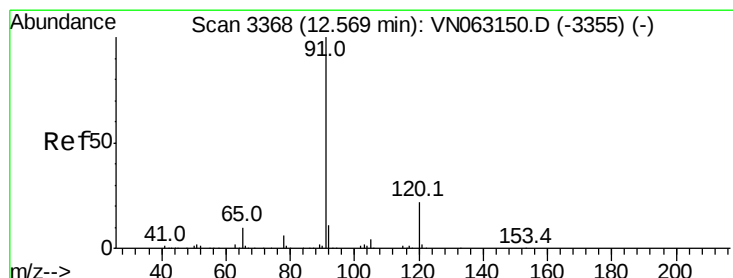
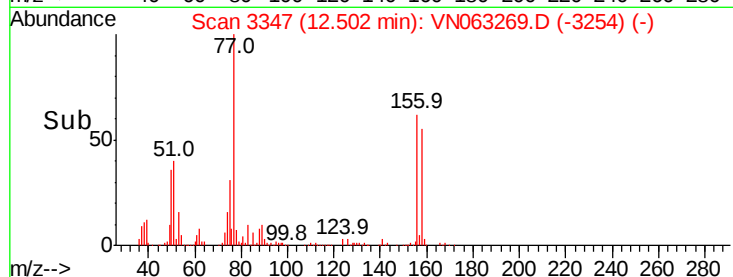
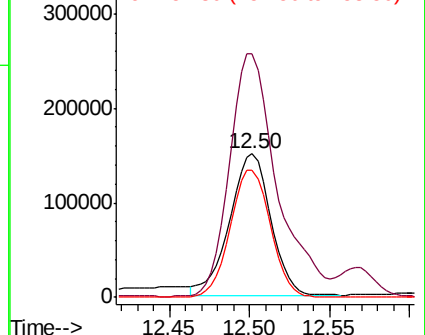
158 88.4 48.8 146.4



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: 51.422 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063269.D

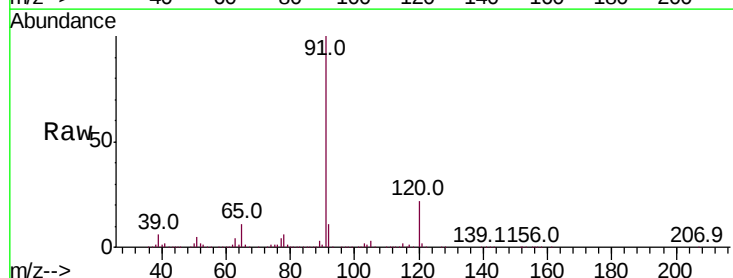
Acq: 5 Sep 2020 5:11

Tgt Ion: 91 Resp: 1209190

Ion Ratio Lower Upper

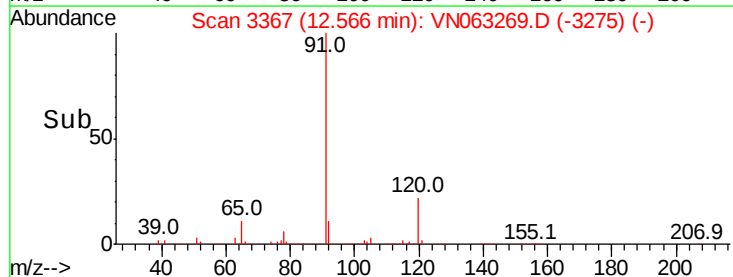
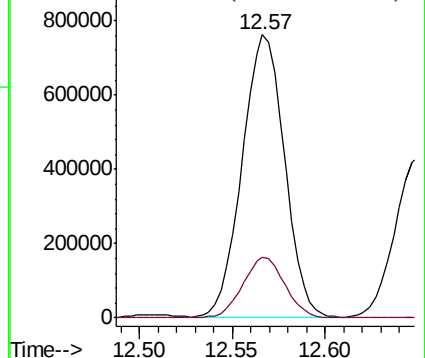
91 100

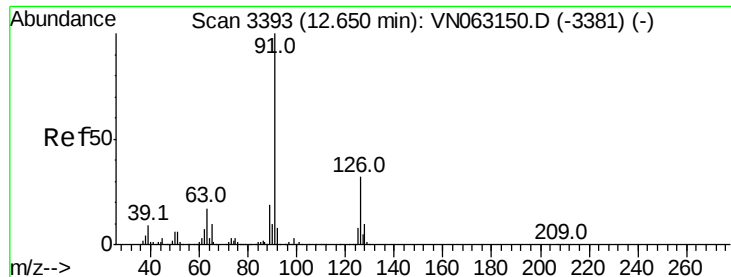
120 21.4 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

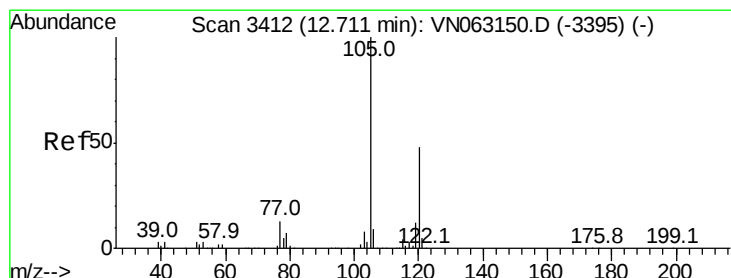
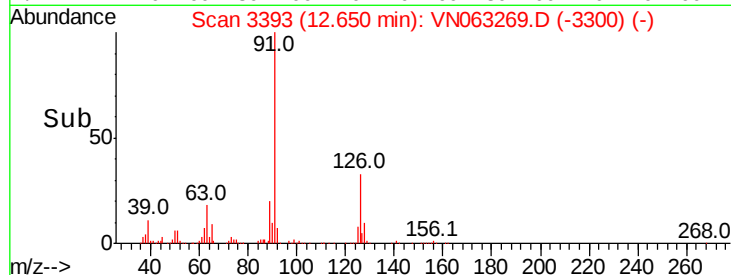
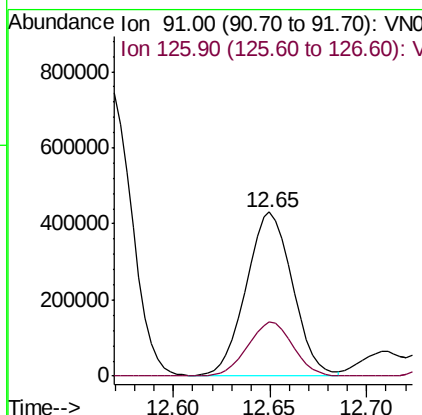
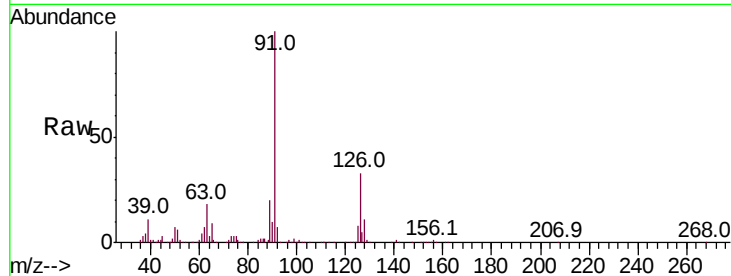




#79
 2-Chlorotoluene
 Concen: 50.830 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063269.D
 Acq: 5 Sep 2020 5:11

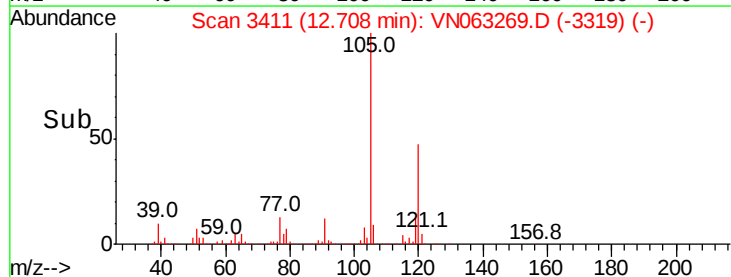
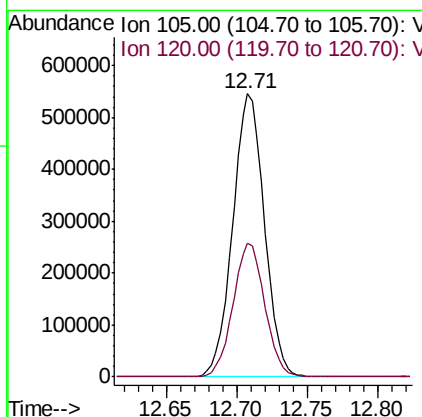
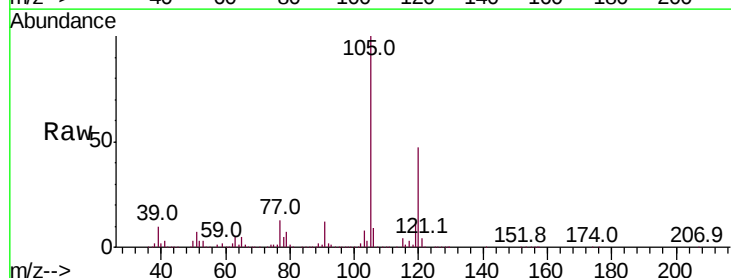
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

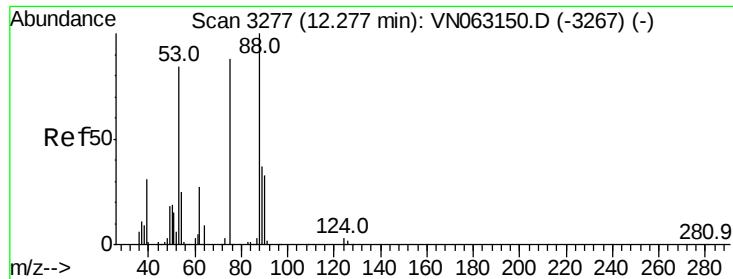
Tot Ion: 91 Resp: 715901
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.448 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063269.D
 Acq: 5 Sep 2020 5:11

Tgt Ion: 105 Resp: 853317
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 39.265 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

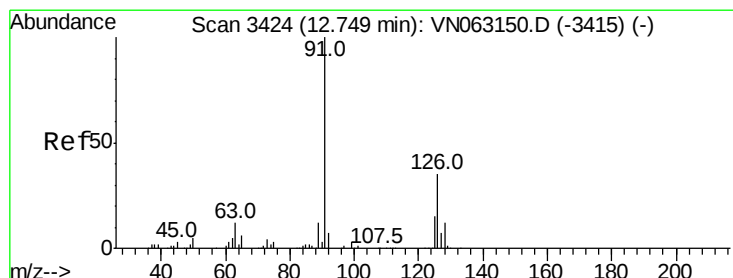
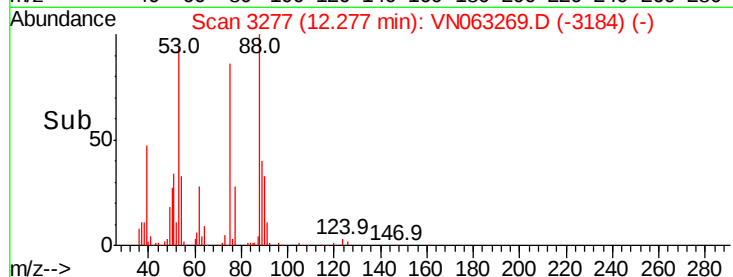
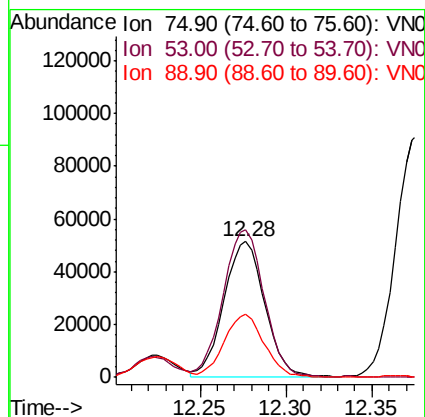
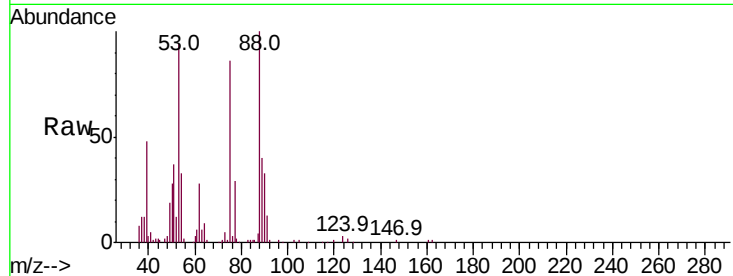
Tot Ion: 75 Resp: 84569

Ion Ratio Lower Upper

75 100

53 109.2 78.7 118.1

89 45.6 35.3 52.9



#82

4-Chlorotoluene

Concen: 51.035 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063269.D

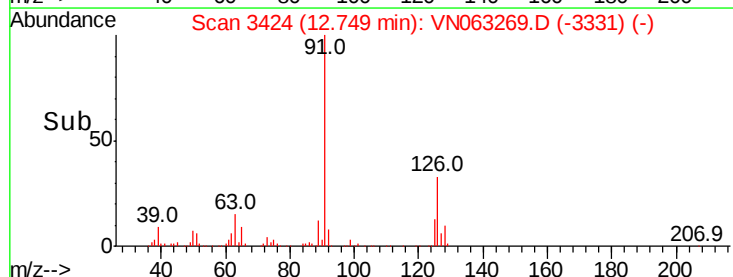
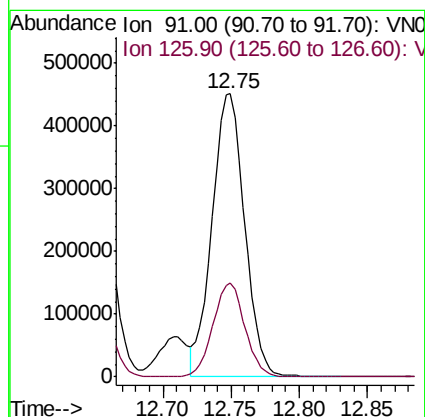
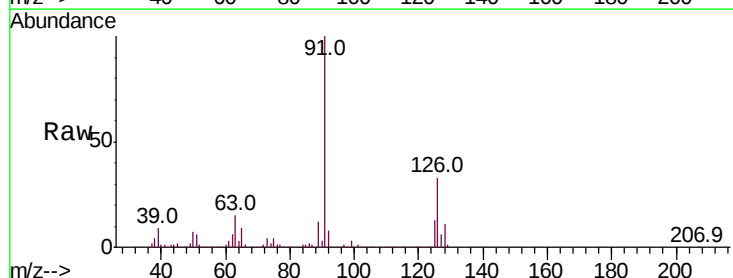
Acq: 5 Sep 2020 5:11

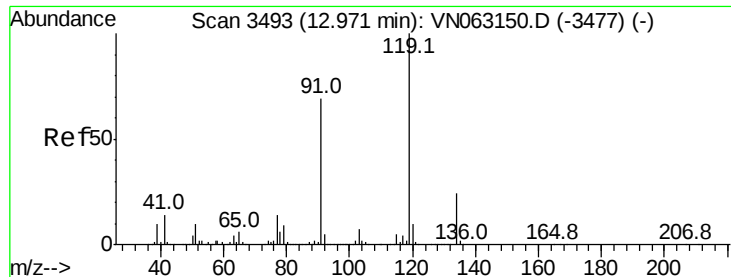
Tgt Ion: 91 Resp: 745470

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.5





#83

tert-Butylbenzene

Concen: 48.064 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

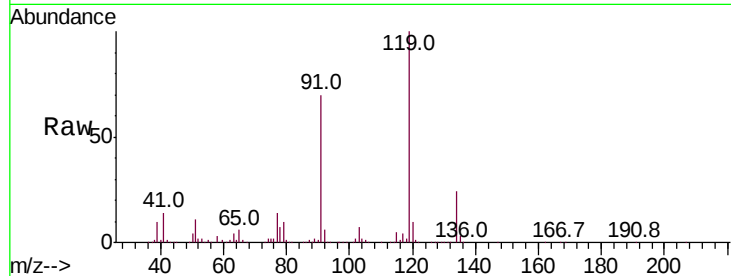
Tot Ion:119 Resp: 697237

Ion Ratio Lower Upper

119 100

91 68.2 33.7 101.0

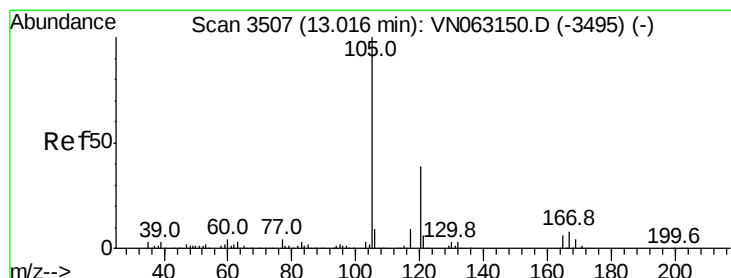
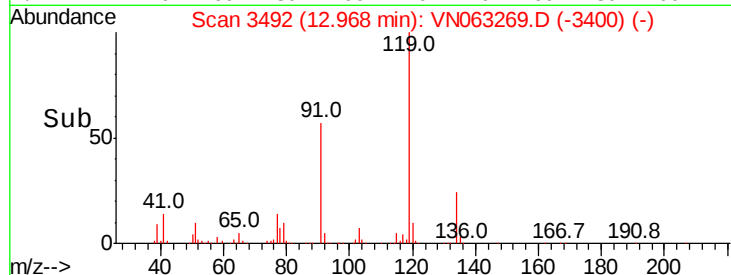
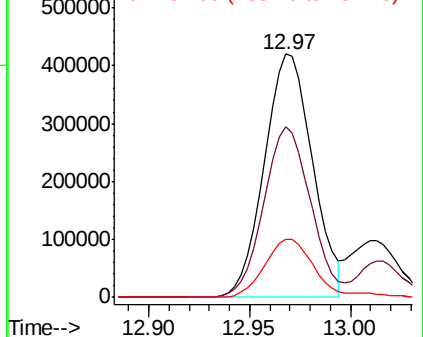
134 25.2 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.048 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063269.D

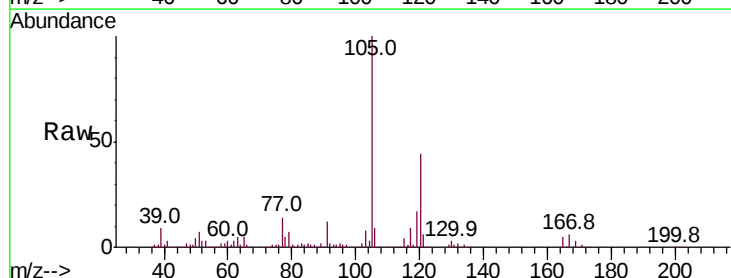
Acq: 5 Sep 2020 5:11

Tgt Ion:105 Resp: 870339

Ion Ratio Lower Upper

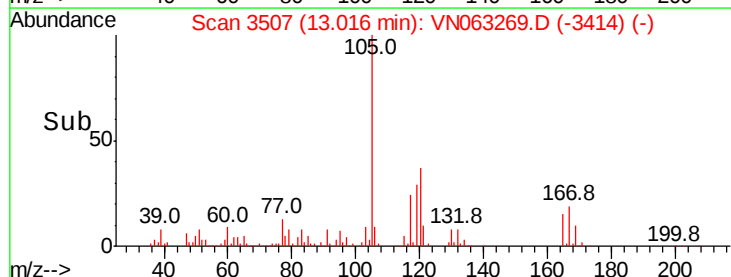
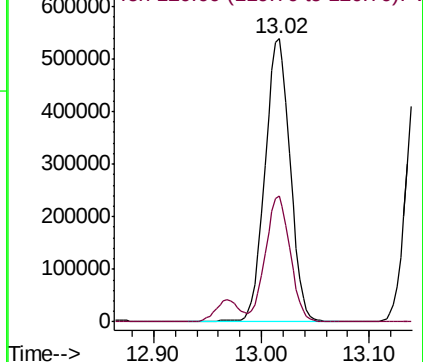
105 100

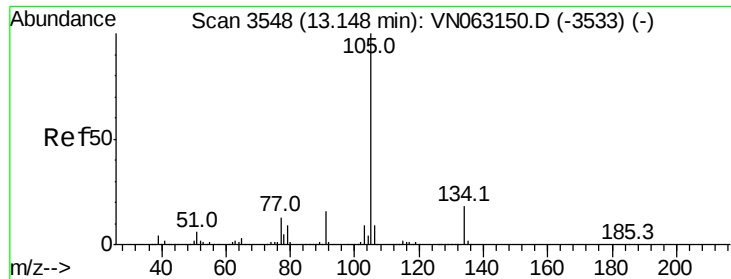
120 43.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.956 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

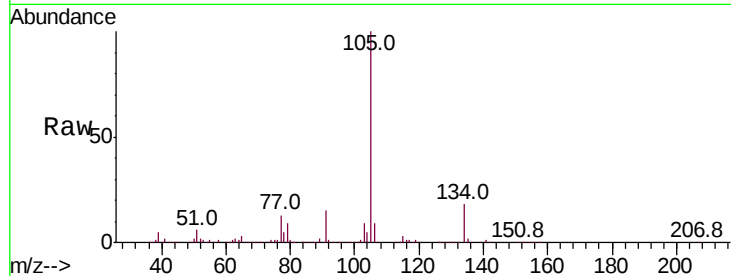
VSTDCCC050EC

Tot Ion:105 Resp: 925565

Ion Ratio Lower Upper

105 100

134 18.4 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

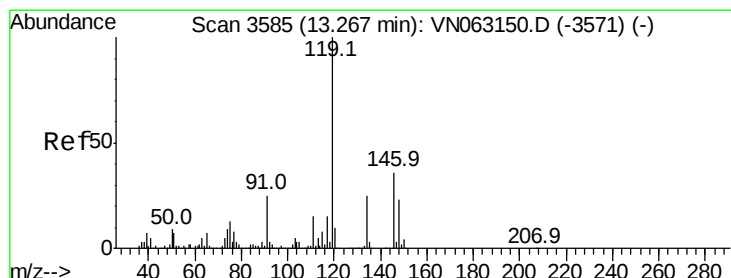
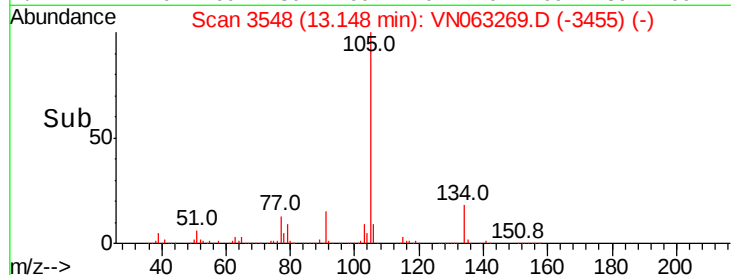
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.213 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

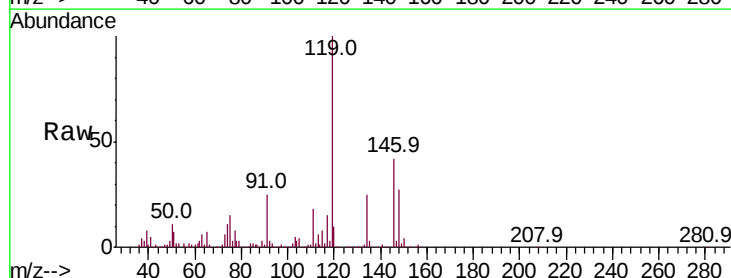
Tgt Ion:119 Resp: 826052

Ion Ratio Lower Upper

119 100

134 25.4 12.4 37.4

91 25.4 12.2 36.6



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

13.26

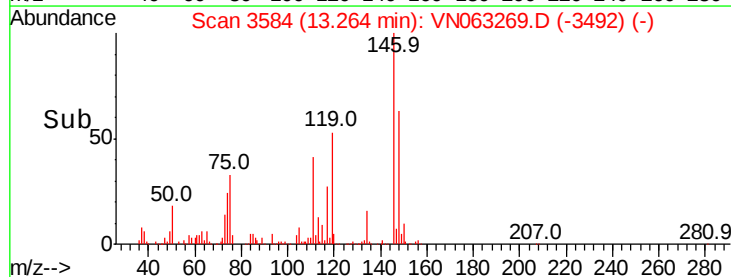
600000

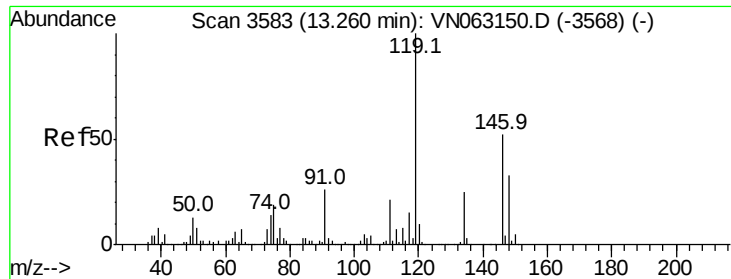
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 52.150 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

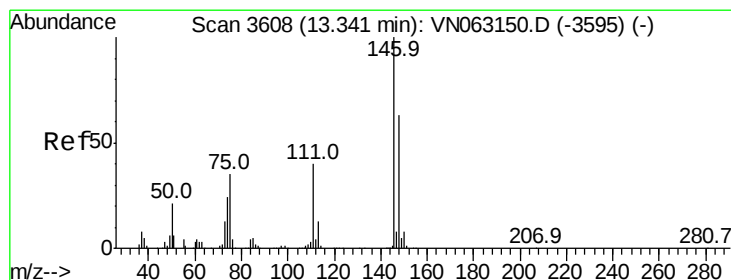
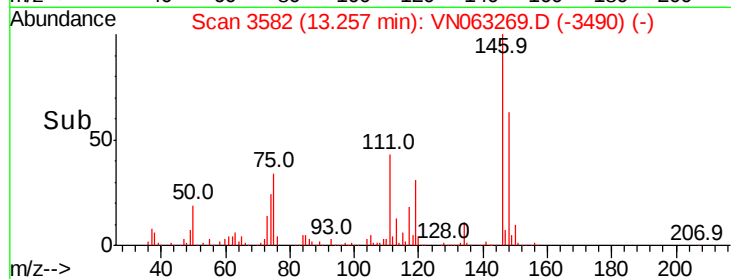
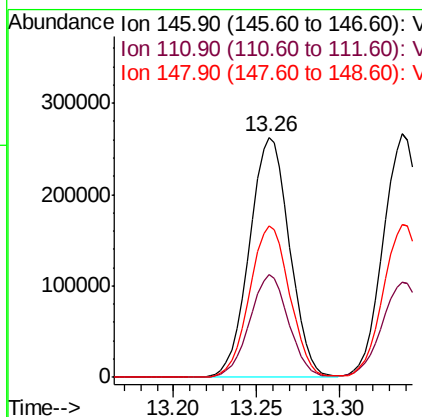
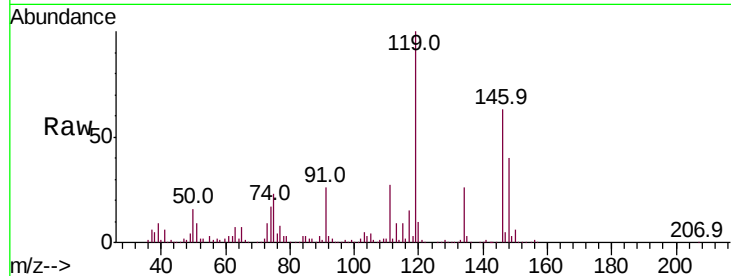
Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 440292

Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.3	63.7
148	63.4	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 50.440 ug/l

RT: 13.34 min Scan# 3607

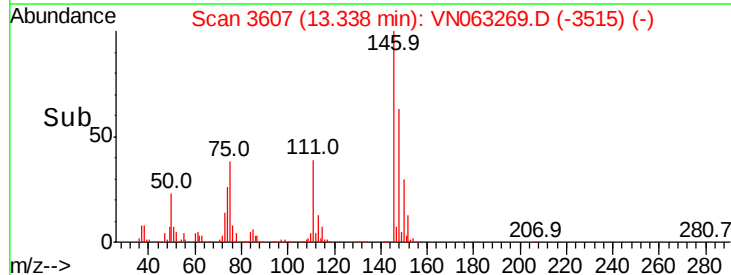
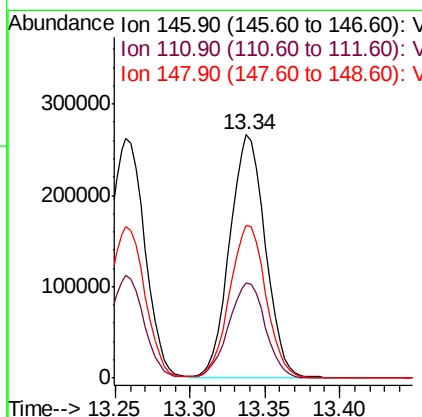
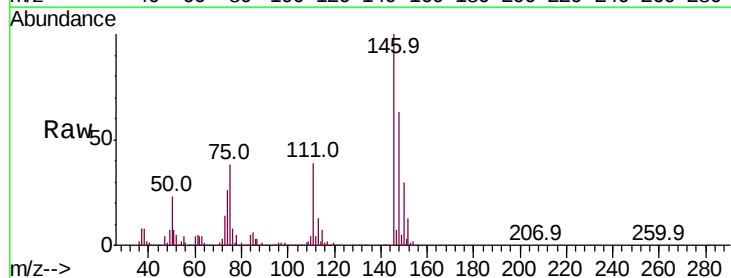
Delta R.T. -0.00 min

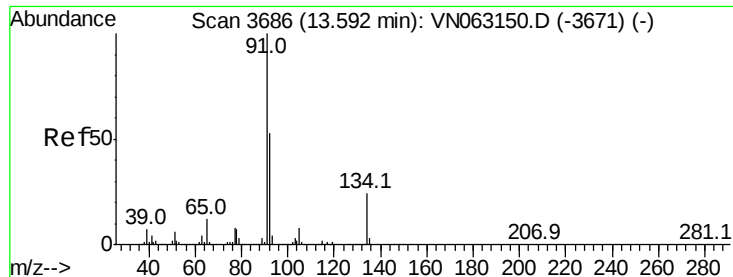
Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Tgt Ion:146 Resp: 440958

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.5
148	63.9	31.9	95.7

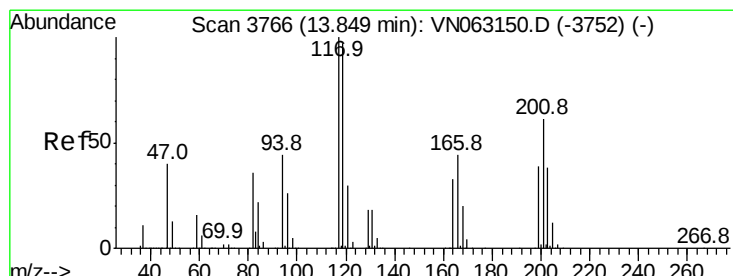
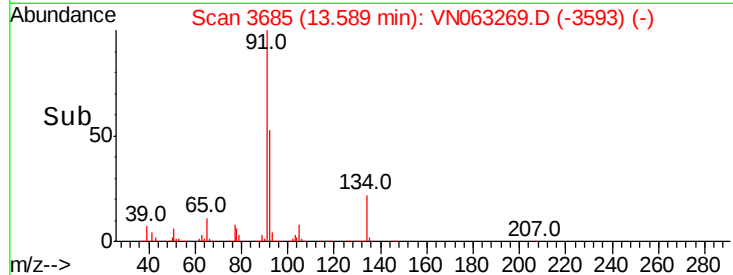
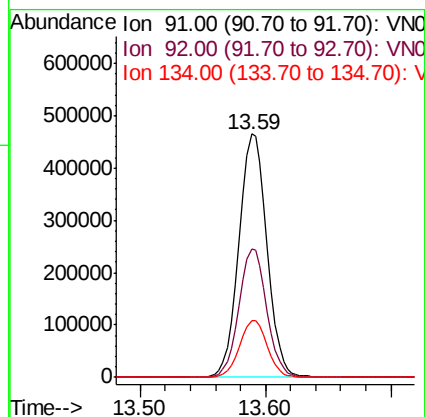
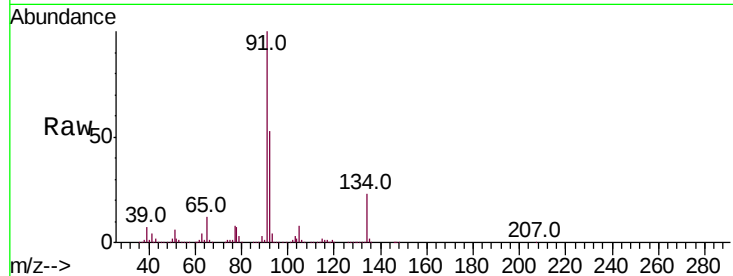




#89
n-Butylbenzene
Concen: 46.554 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

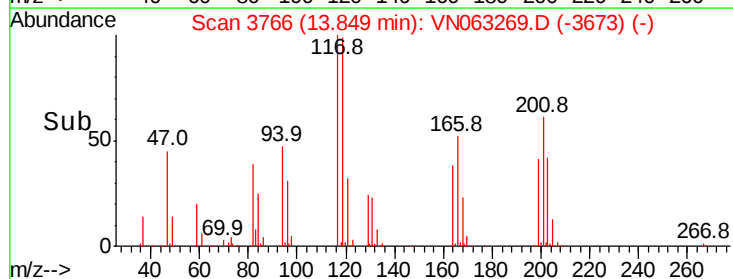
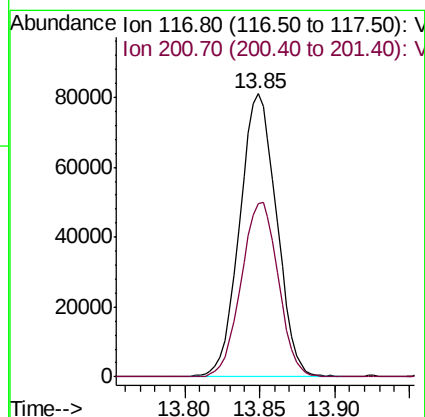
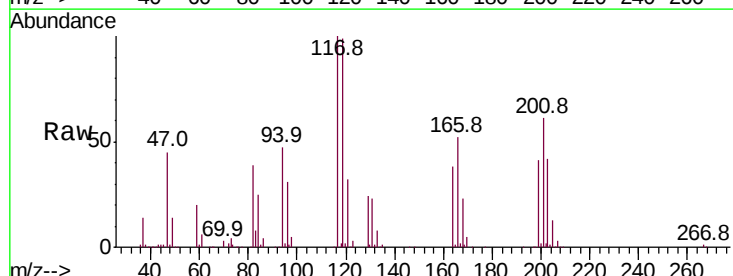
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

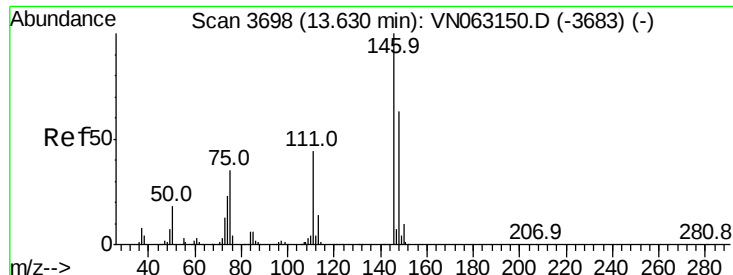
Tot Ion: 91 Resp: 721901
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.8
134 23.2 12.0 36.0



#90
Hexachloroethane
Concen: 44.515 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063269.D
Acq: 5 Sep 2020 5:11

Tgt Ion: 117 Resp: 138317
Ion Ratio Lower Upper
117 100
201 62.1 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 53.478 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

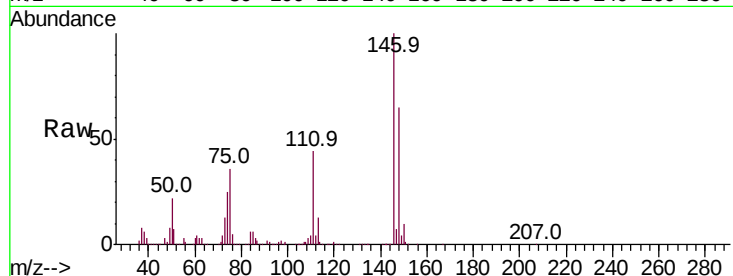
Tot Ion:146 Resp: 438151

Ion Ratio Lower Upper

146 100

111 42.7 22.0 66.0

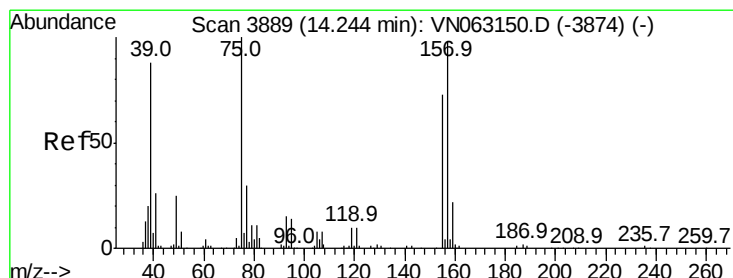
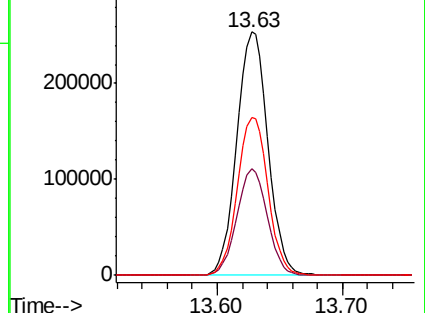
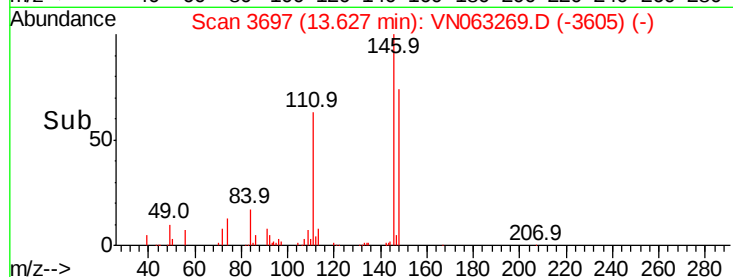
148 63.8 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.873 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

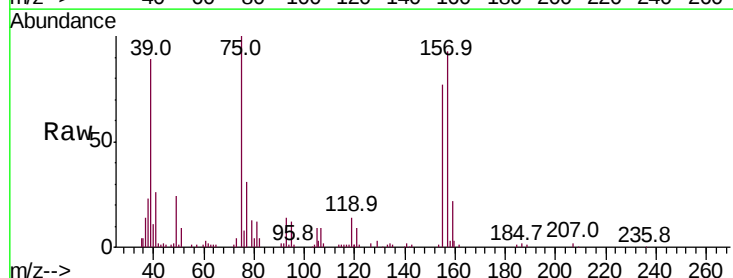
Tgt Ion: 75 Resp: 64239

Ion Ratio Lower Upper

75 100

155 75.3 36.1 108.5

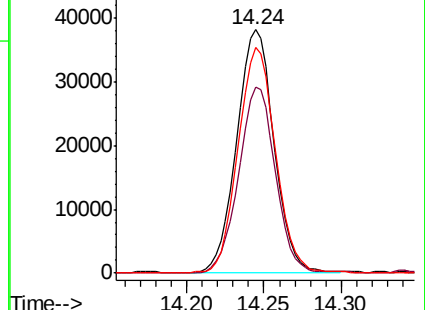
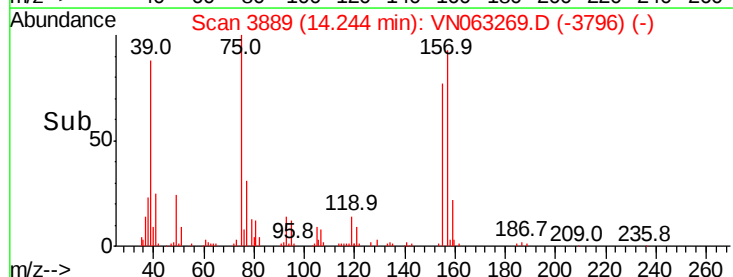
157 92.6 48.4 145.0

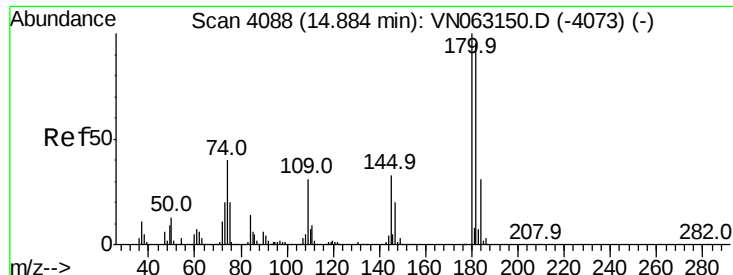


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

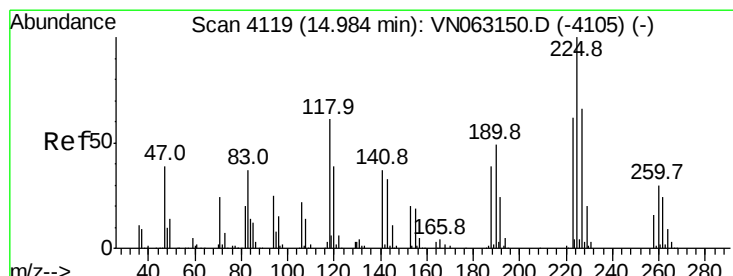
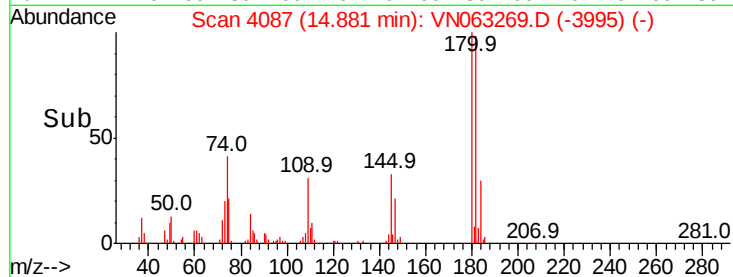
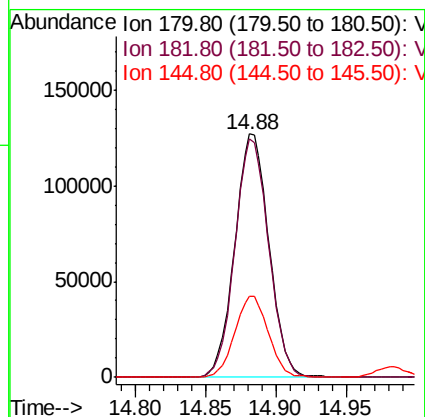
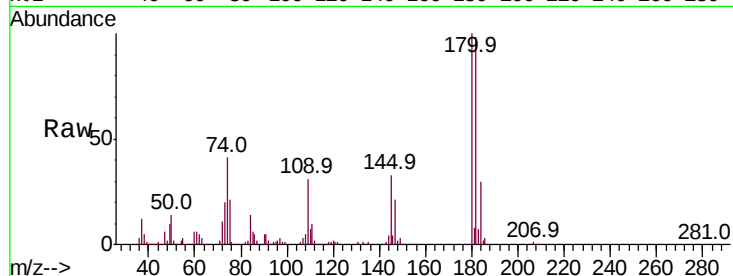




#93
 1,2,4-Trichlorobenzene
 Concen: 47.053 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063269.D
 Acq: 5 Sep 2020 5:11

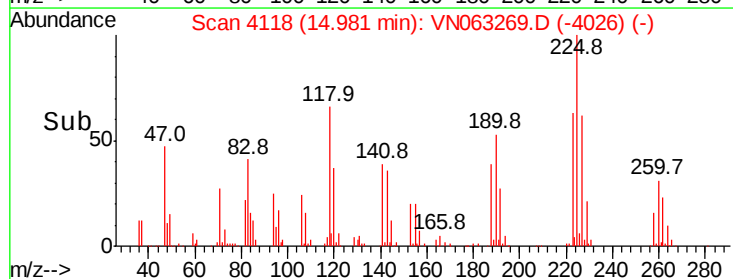
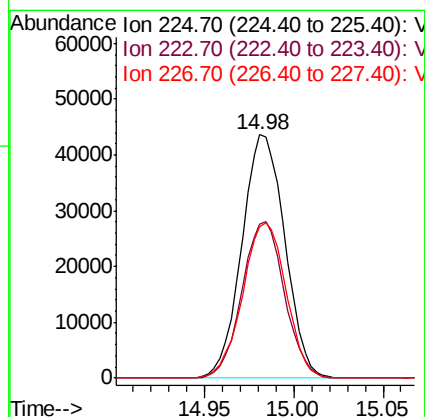
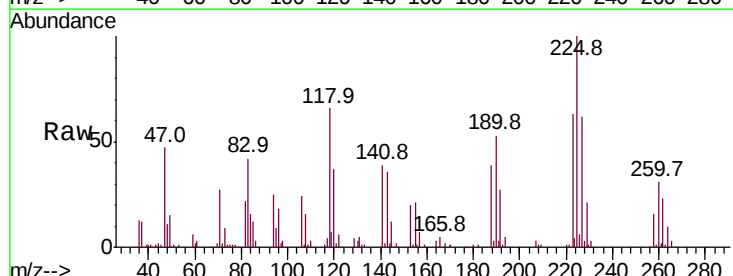
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

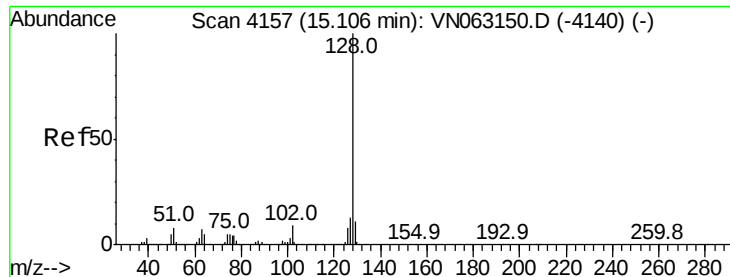
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.5	142.5
145	32.6	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 42.891 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063269.D
 Acq: 5 Sep 2020 5:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.9	92.7
227	64.5	32.9	98.7





#95

Naphthalene

Concen: 52.051 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

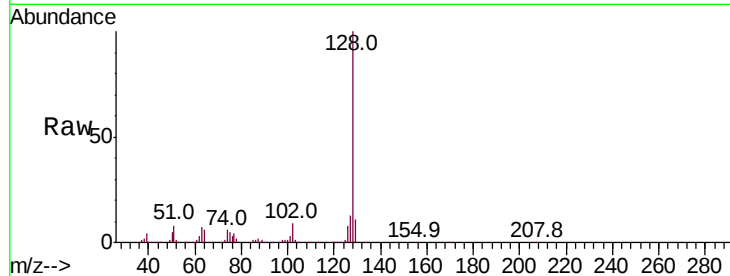
Tot Ion:128 Resp: 794892

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

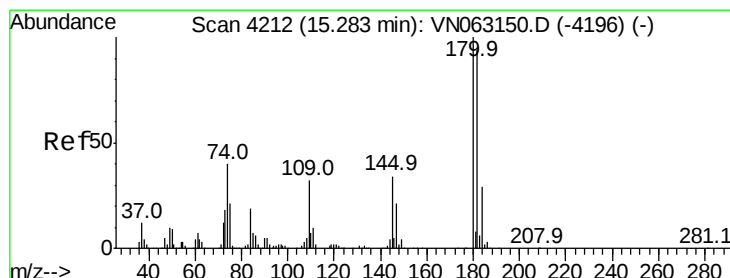
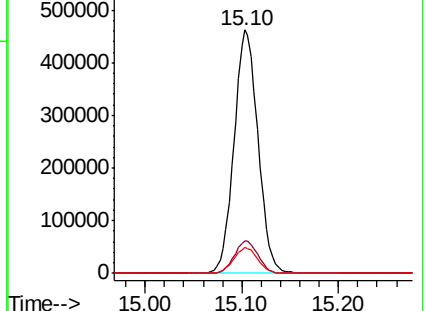
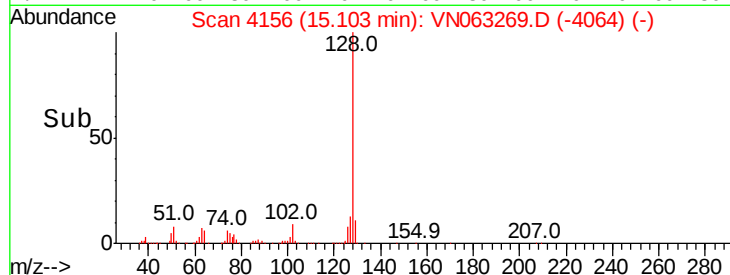
129 10.6 8.6 13.0



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: 46.847 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063269.D

Acq: 5 Sep 2020 5:11

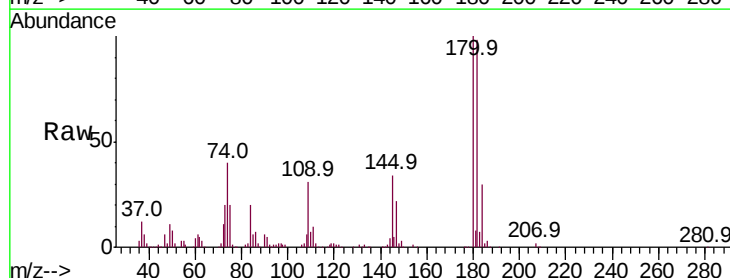
Tgt Ion:180 Resp: 208914

Ion Ratio Lower Upper

180 100

182 96.6 47.5 142.5

145 34.0 17.3 52.0



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

