

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064889.D
 Acq On : 3 Dec 2020 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 04 02:57:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	211823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	307225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	289492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146976	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	113863	46.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.48%
35) Dibromofluoromethane	7.54	113	100570	54.71	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.42%
50) Toluene-d8	10.06	98	392736	52.29	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.58%
62) 4-Bromofluorobenzene	12.37	95	142252	52.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.84%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	77211	42.058	ug/l	99
3) Chloromethane	2.04	50	99858	41.858	ug/l	100
4) Vinyl Chloride	2.17	62	108463	43.608	ug/l	95
5) Bromomethane	2.52	94	69359	42.504	ug/l	97
6) Chloroethane	2.67	64	70786	46.014	ug/l	99
7) Trichlorofluoromethane	2.99	101	159166	46.294	ug/l	100
8) Diethyl Ether	3.37	74	62069	45.736	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	99545	48.265	ug/l	99
10) Methyl Iodide	3.90	142	117107	43.775	ug/l	99
11) Tert butyl alcohol	4.74	59	75585	196.812	ug/l	100
12) 1,1-Dichloroethene	3.69	96	94663	46.086	ug/l	99
13) Acrolein	3.56	56	71431	304.504	ug/l	98
14) Allyl chloride	4.27	41	149684	44.183	ug/l	99
15) Acrylonitrile	4.93	53	241205	227.351	ug/l	99
16) Acetone	3.78	43	163639	202.143	ug/l	98
17) Carbon Disulfide	4.00	76	235543	44.413	ug/l	99
18) Methyl Acetate	4.28	43	108178	44.447	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	313596	47.603	ug/l	99
20) Methylene Chloride	4.50	84	114977	45.326	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	104550	45.835	ug/l	98
22) Diisopropyl ether	5.90	45	333748	49.218	ug/l	99
23) Vinyl Acetate	5.84	43	1304398	240.548	ug/l	99
24) 1,1-Dichloroethane	5.79	63	193490	47.745	ug/l	98
25) 2-Butanone	6.78	43	289056	220.271	ug/l	98
26) 2,2-Dichloropropane	6.77	77	163992	46.657	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	120160	46.814	ug/l	99
28) Bromochloromethane	7.14	49	85960	46.366	ug/l	96
29) Tetrahydrofuran	7.16	42	196949	217.419	ug/l	99
30) Chloroform	7.32	83	200969	48.088	ug/l	99
31) Cyclohexane	7.61	56	153335	44.675	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	171500	47.780	ug/l	99
36) 1,1-Dichloropropene	7.75	75	146410	51.414	ug/l	99
37) Ethyl Acetate	6.88	43	125951	45.916	ug/l	98
38) Carbon Tetrachloride	7.73	117	154938	52.291	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	158382	51.666	ug/l	95
40) Benzene	8.00	78	453057	51.919	ug/l	98
41) Methacrylonitrile	7.12	41	60836	48.065	ug/l	93
42) 1,2-Dichloroethane	8.08	62	148582	50.474	ug/l	100
43) Isopropyl Acetate	8.12	43	208094	47.145	ug/l	99
44) Trichloroethene	8.80	130	130116	50.536	ug/l	99
45) 1,2-Dichloropropane	9.08	63	121573	53.798	ug/l	100
46) Dibromomethane	9.17	93	79020	52.341	ug/l	99
47) Bromodichloromethane	9.37	83	161045	53.015	ug/l	97
48) Methyl methacrylate	9.16	41	102618	48.654	ug/l	97
49) 1,4-Dioxane	9.16	88	37823	948.822	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	645102	243.445	ug/l	100
52) Toluene	10.12	92	289111	53.798	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	174560	51.593	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	191462	52.794	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	114804	51.951	ug/l	96
56) Ethyl methacrylate	10.40	69	157757	51.732	ug/l	99
57) 1,3-Dichloropropane	10.68	76	189760	52.056	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	444400	264.929	ug/l	100
59) 2-Hexanone	10.72	43	471111	247.032	ug/l	100
60) Dibromochloromethane	10.87	129	132092	53.774	ug/l	100
61) 1,2-Dibromoethane	10.97	107	114975	51.211	ug/l	98
64) Tetrachloroethene	10.60	164	147245	52.280	ug/l	99
65) Chlorobenzene	11.40	112	317689	51.102	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	119898	52.479	ug/l	100
67) Ethyl Benzene	11.48	91	539533	51.950	ug/l	98
68) m/p-Xylenes	11.59	106	426280	108.412	ug/l	99
69) o-Xylene	11.92	106	200670	53.780	ug/l	99
70) Styrene	11.94	104	349710	55.518	ug/l	98
71) Bromoform	12.10	173	91145	49.949	ug/l #	100
73) Isopropylbenzene	12.22	105	535542	52.385	ug/l	100
74) N-amyl acetate	12.04	43	186844	46.441	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	138283	46.149	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	207167	65.450	ug/l #	100
77) Bromobenzene	12.50	156	139217	50.511	ug/l	97
78) n-propylbenzene	12.56	91	618938	53.145	ug/l	99
79) 2-Chlorotoluene	12.65	91	362320	50.329	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	467727	55.043	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	54232	46.959	ug/l	96
82) 4-Chlorotoluene	12.74	91	388525	51.488	ug/l	100
83) tert-Butylbenzene	12.96	119	385511	54.125	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	467732	54.441	ug/l	100
85) sec-Butylbenzene	13.14	105	516220	54.587	ug/l	100
86) p-Isopropyltoluene	13.26	119	486067	56.455	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	252622	51.589	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	249360	48.152	ug/l	100
89) n-Butylbenzene	13.59	91	410331	54.269	ug/l	100
90) Hexachloroethane	13.85	117	81178	54.275	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	247560	51.488	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29214	43.330	ug/l	99

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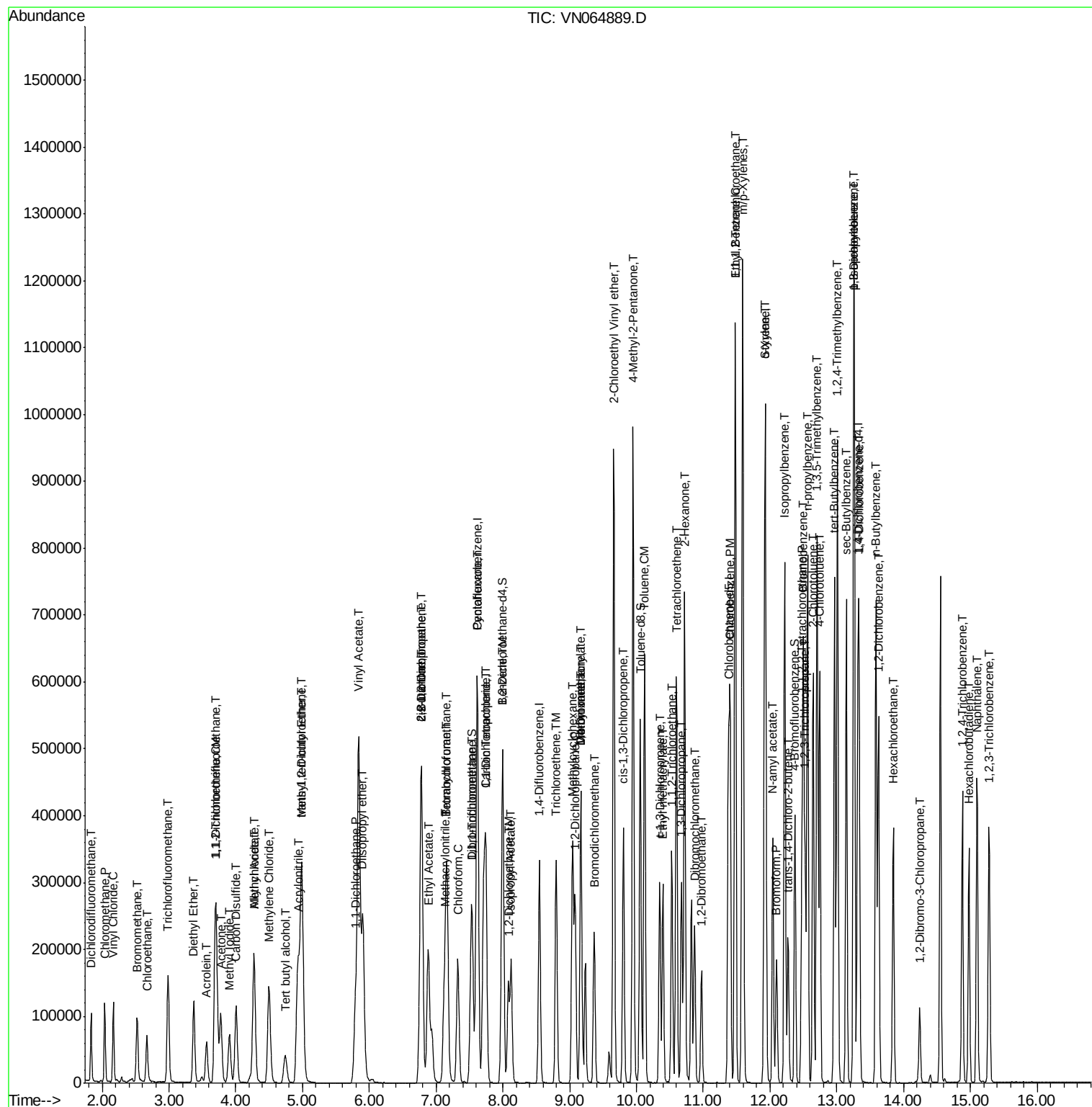
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	144691	48.646	ug/l	100
94) Hexachlorobutadiene	14.98	225	71946	53.688	ug/l	99
95) Naphthalene	15.10	128	403527	45.285	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	138336	48.971	ug/l	99

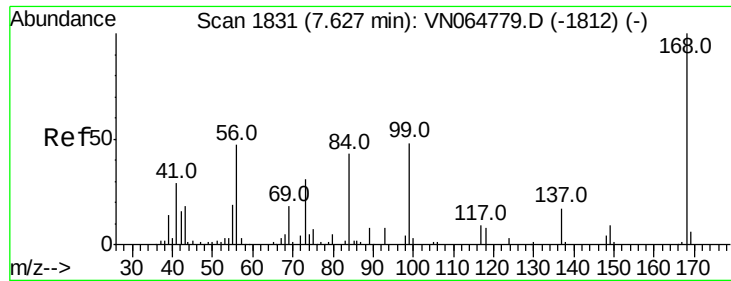
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120320\
Data File : VN064889.D
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

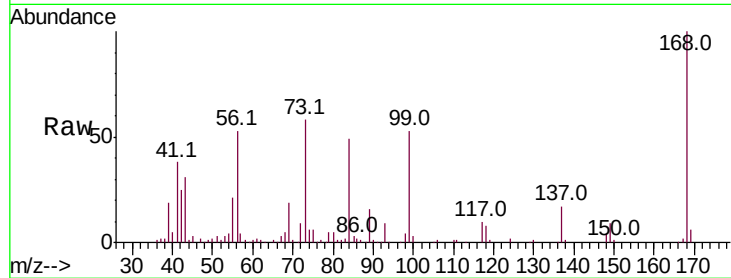
VSTDCCC050

Tot Ion:168 Resp: 211823

Ion Ratio Lower Upper

168 100

99 53.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

60000

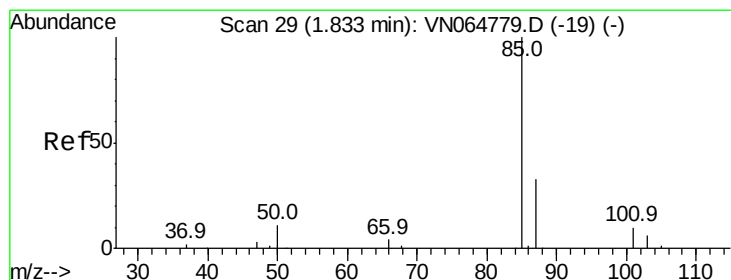
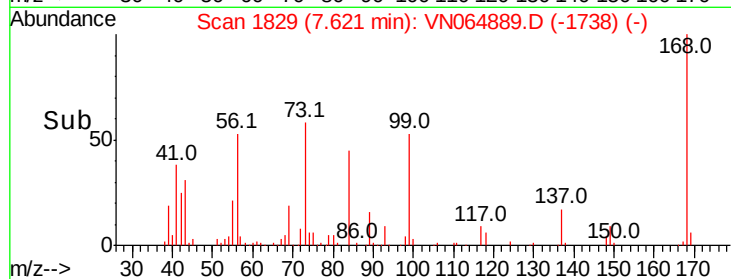
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 42.058 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064889.D

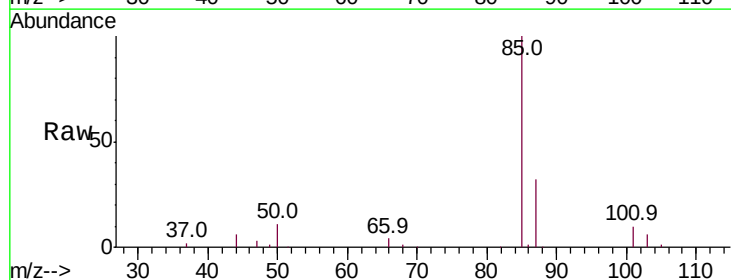
Acq: 3 Dec 2020 10:23

Tgt Ion: 85 Resp: 77211

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

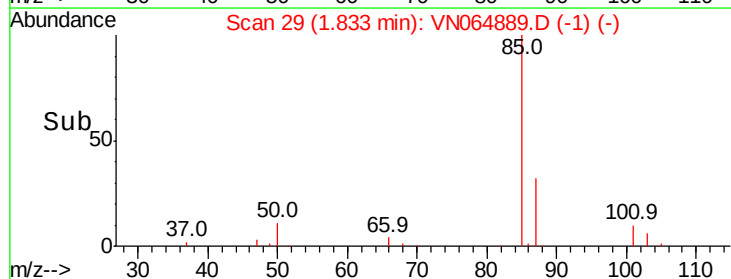
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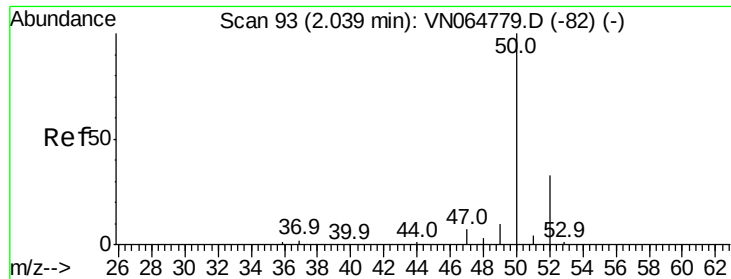
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 41.858 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

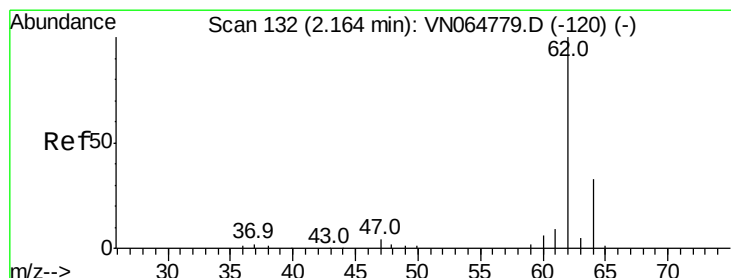
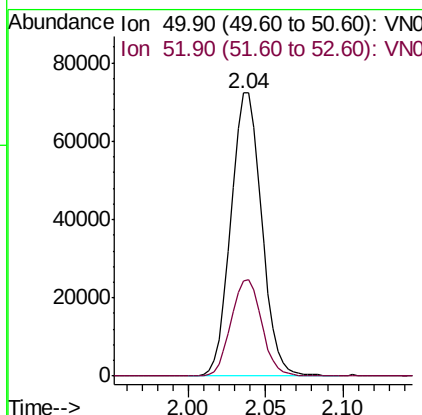
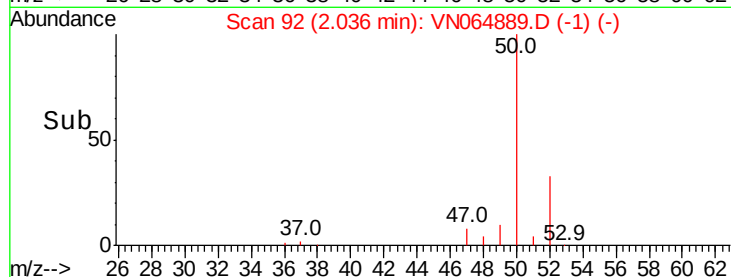
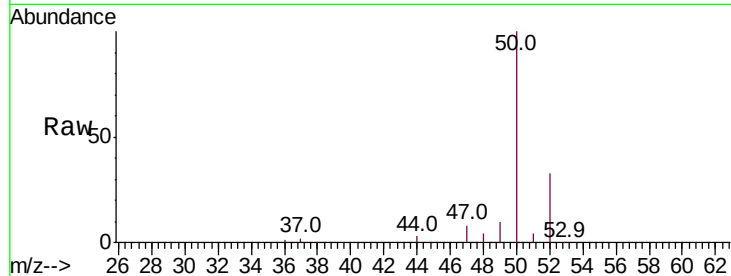
VSTDCCC050

Tot Ion: 50 Resp: 99858

Ion Ratio Lower Upper

50 100

52 33.5 26.6 39.8



#4

Vinyl Chloride

Concen: 43.608 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064889.D

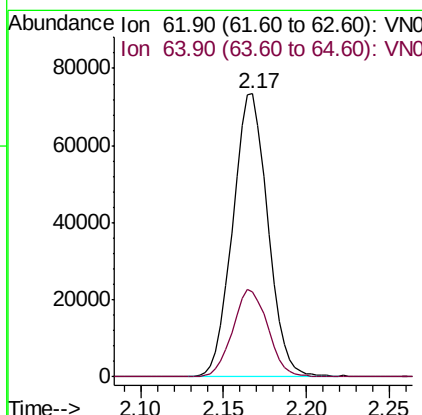
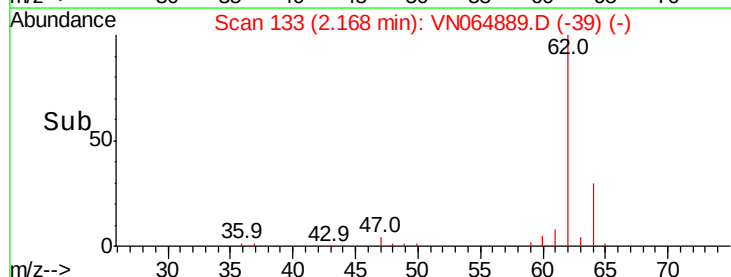
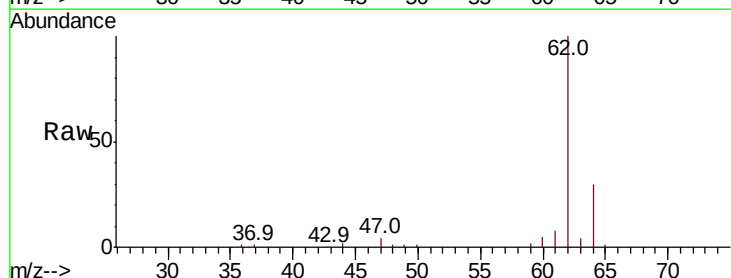
Acq: 3 Dec 2020 10:23

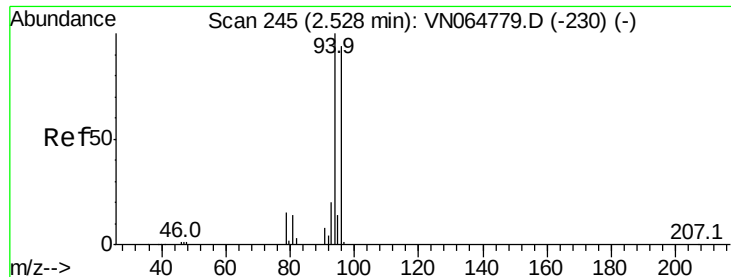
Tgt Ion: 62 Resp: 108463

Ion Ratio Lower Upper

62 100

64 30.2 26.5 39.7





#5

Bromomethane

Concen: 42.504 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

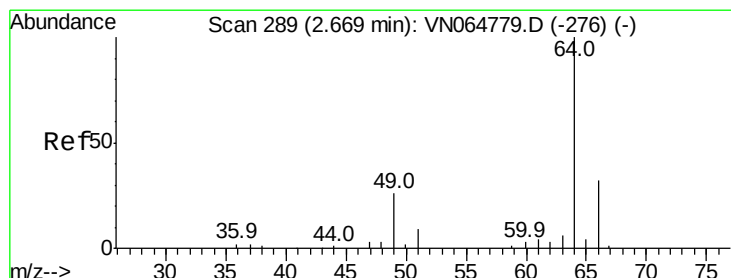
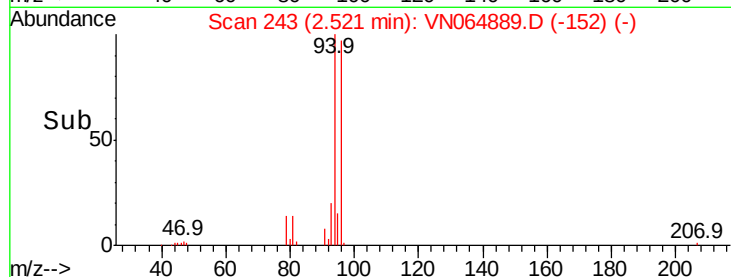
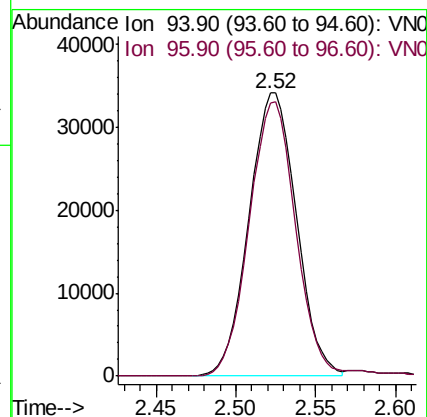
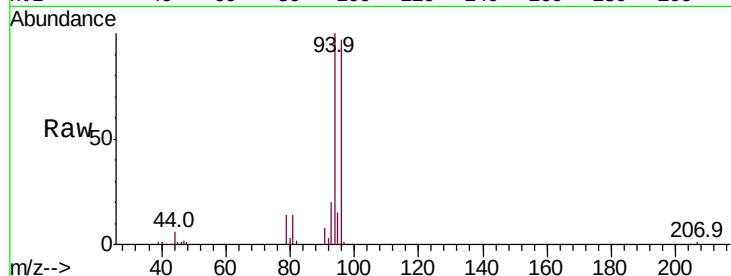
VSTDCCC050

Tot Ion: 94 Resp: 69359

Ion Ratio Lower Upper

94 100

96 96.7 75.4 113.0



#6

Chloroethane

Concen: 46.014 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064889.D

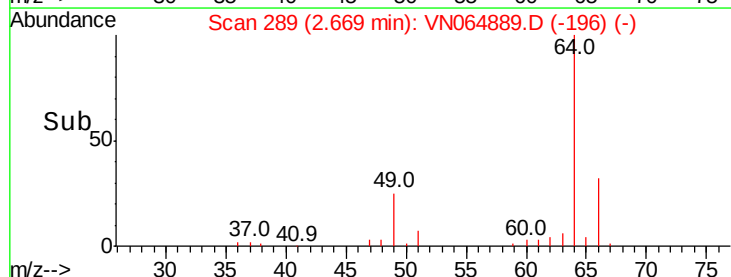
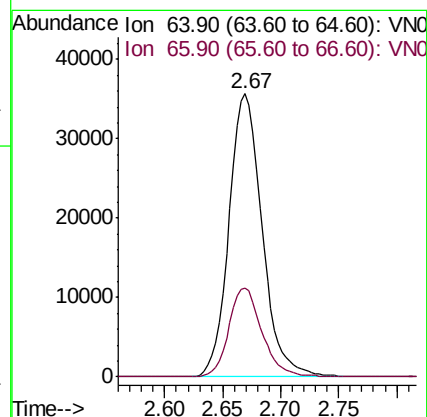
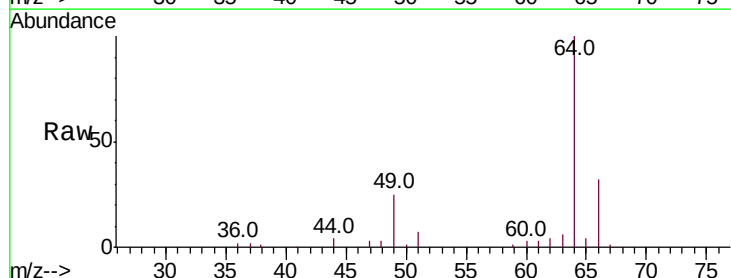
Acq: 3 Dec 2020 10:23

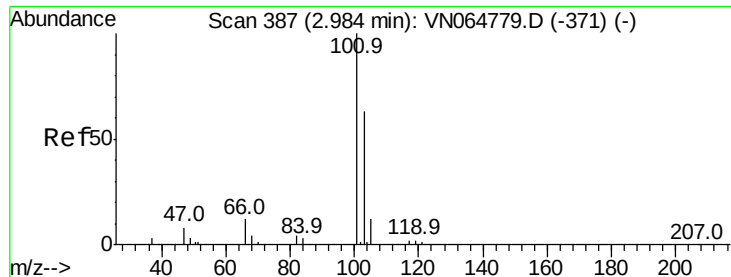
Tgt Ion: 64 Resp: 70786

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4



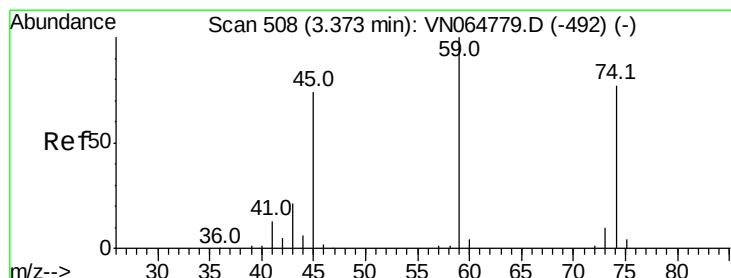
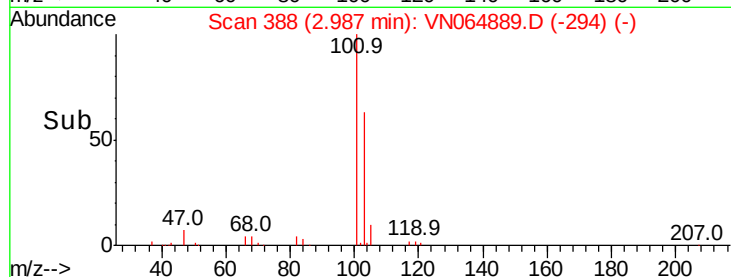
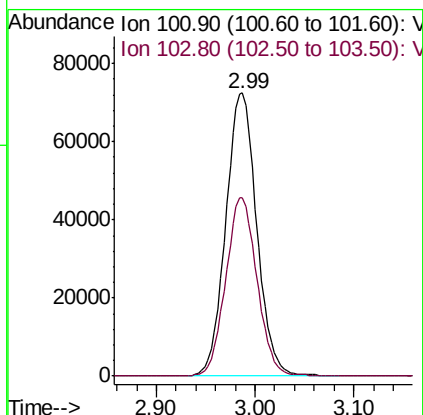
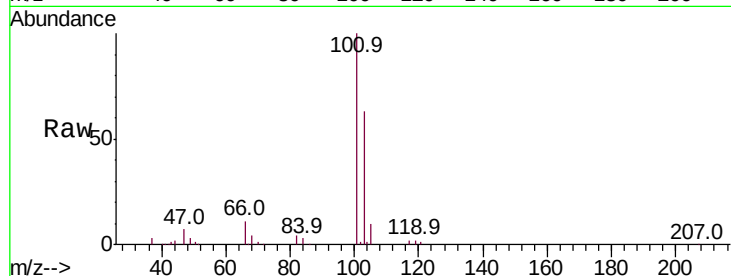


#7

Trichlorofluoromethane
Concen: 46.294 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

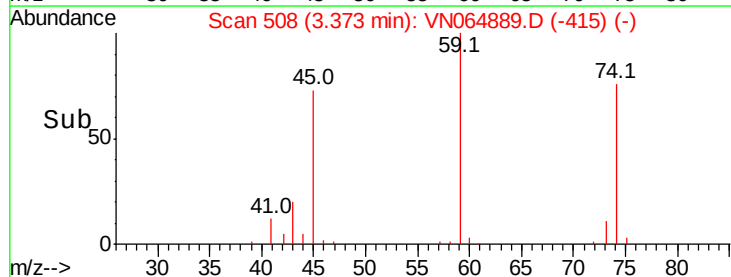
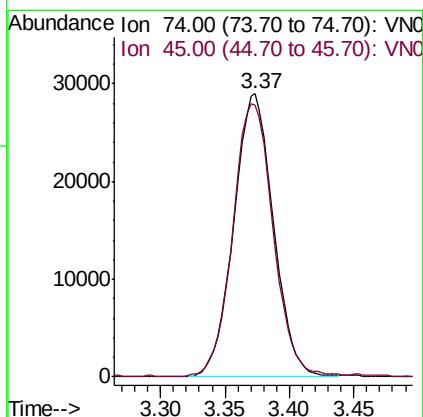
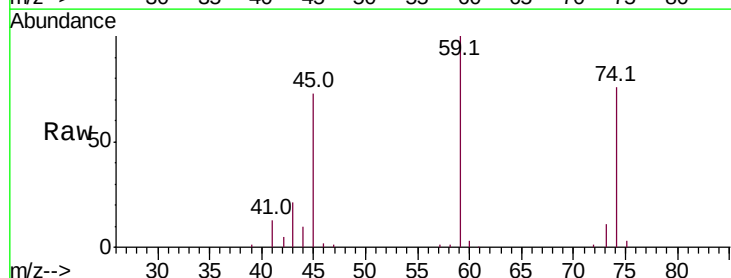
Tot Ion:101 Resp: 159166
Ion Ratio Lower Upper
101 100
103 63.0 50.5 75.7

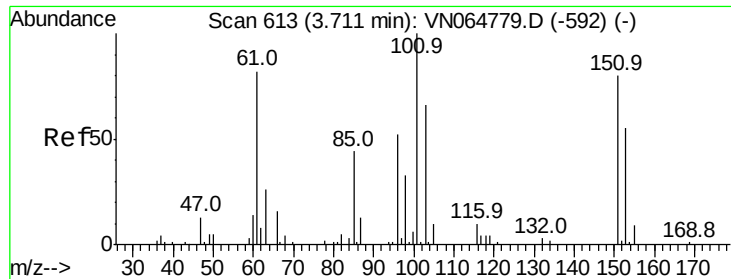


#8

Diethyl Ether
Concen: 45.736 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion: 74 Resp: 62069
Ion Ratio Lower Upper
74 100
45 98.9 48.9 146.8

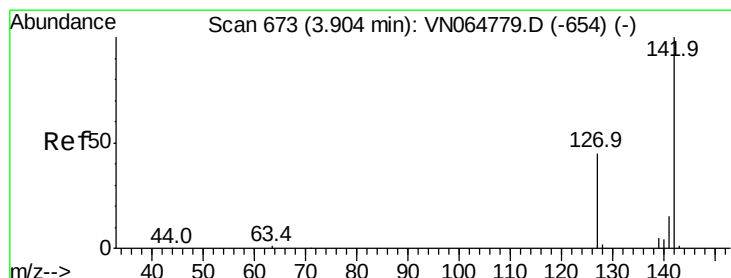
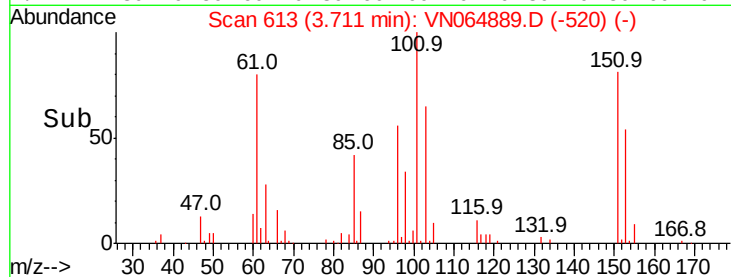
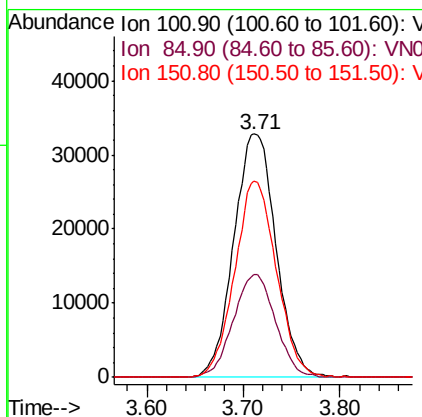
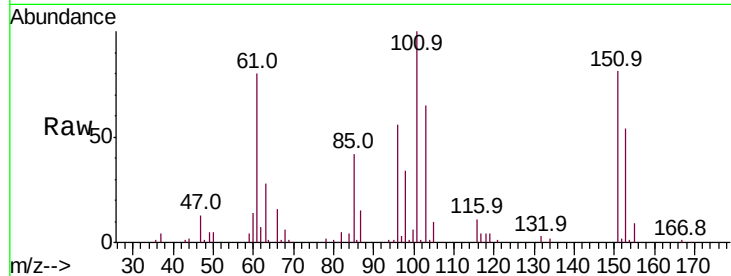




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.265 ug/l
 RT: 3.71 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

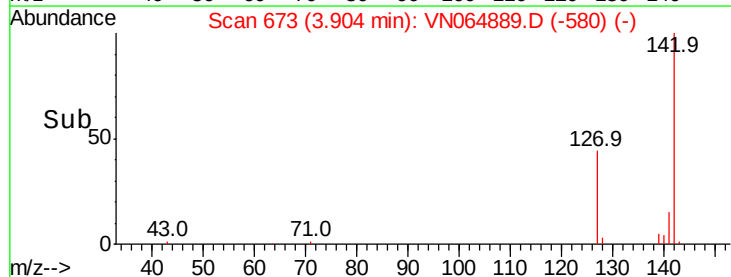
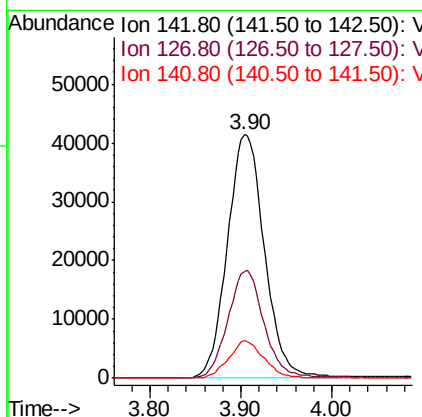
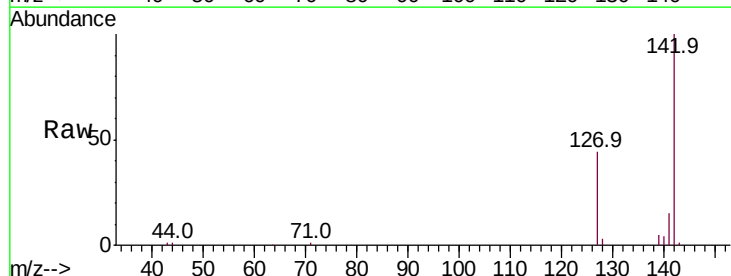
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

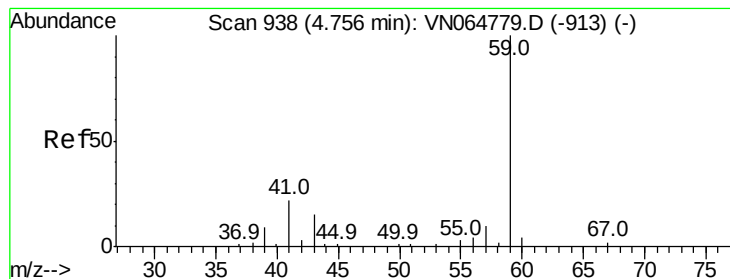
Tot Ion:101 Resp: 99545
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.4 51.6
 151 79.5 64.0 96.0



#10
 Methyl Iodide
 Concen: 43.775 ug/l
 RT: 3.90 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Tgt Ion:142 Resp: 117107
 Ion Ratio Lower Upper
 142 100
 127 43.1 35.0 52.6
 141 14.4 11.8 17.6



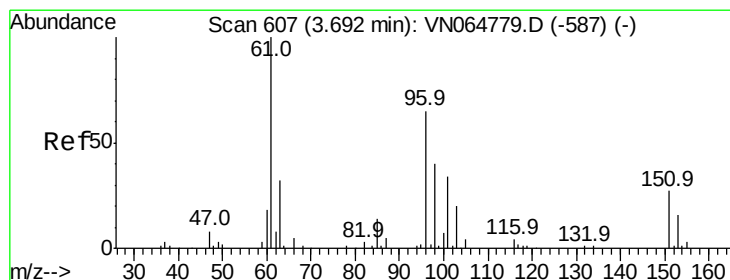
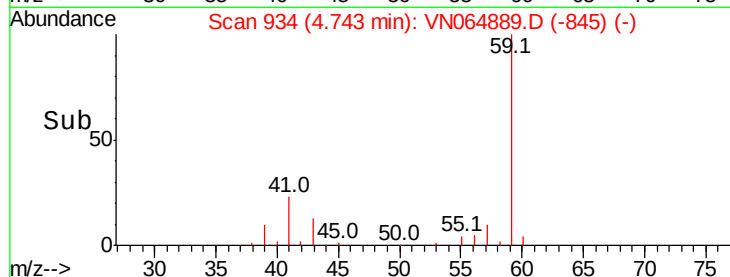
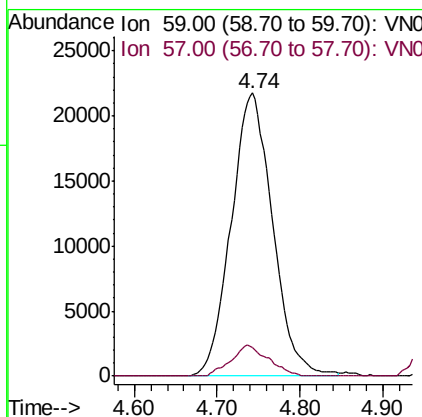
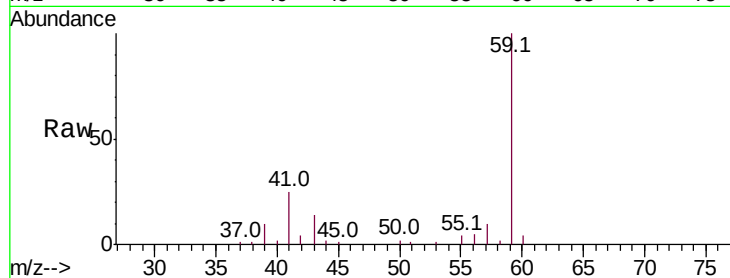


#11

Tert butyl alcohol
 Concen: 196.812 ug/l
 RT: 4.74 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

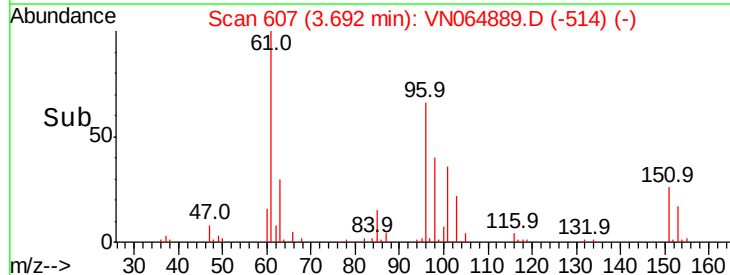
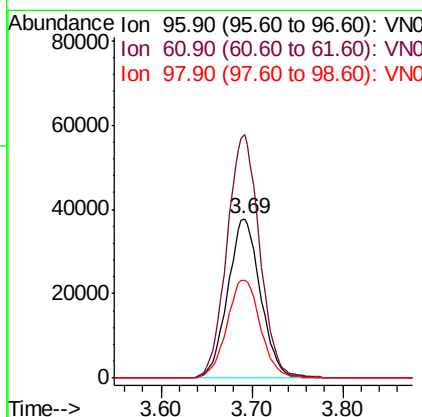
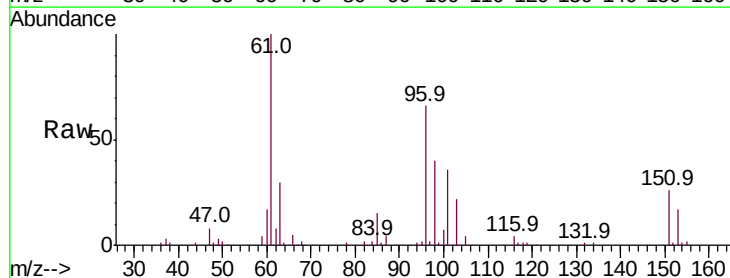
Tot Ion: 59 Resp: 75585
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.9 11.9

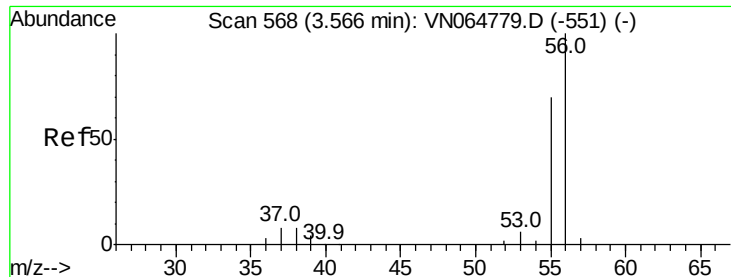


#12

1,1-Dichloroethene
 Concen: 46.086 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Tgt Ion: 96 Resp: 94663
 Ion Ratio Lower Upper
 96 100
 61 152.4 123.4 185.2
 98 61.4 49.8 74.8

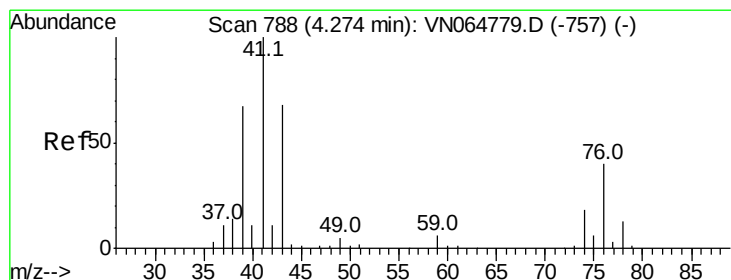
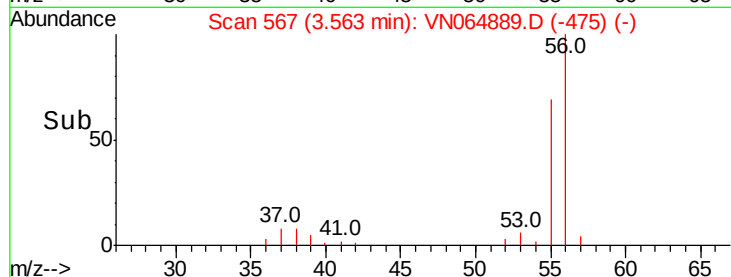
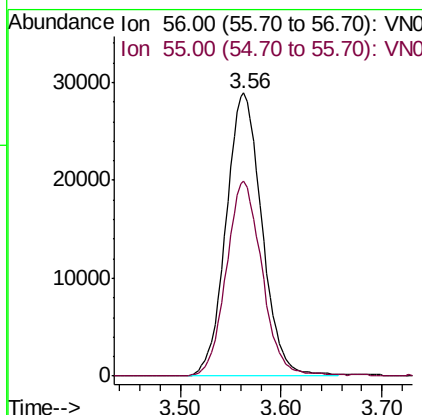
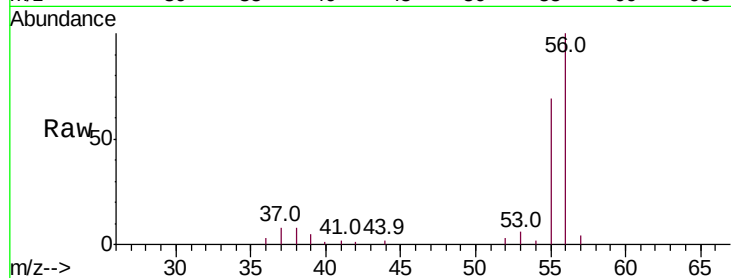




#13
Acrolein
Concen: 304.504 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

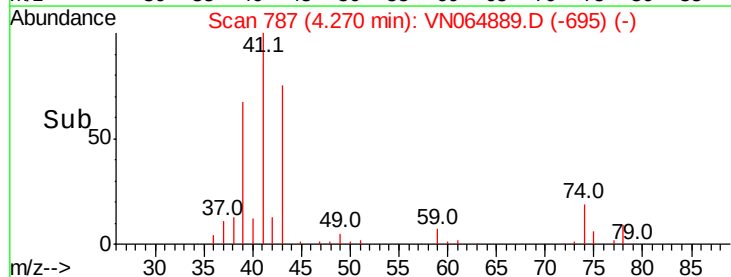
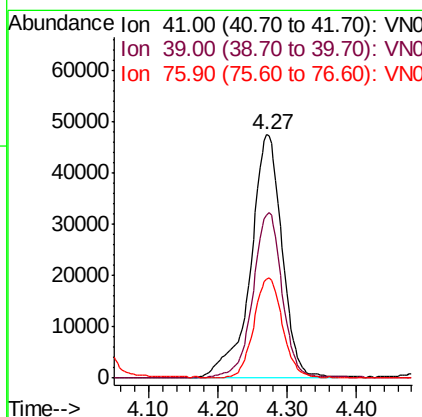
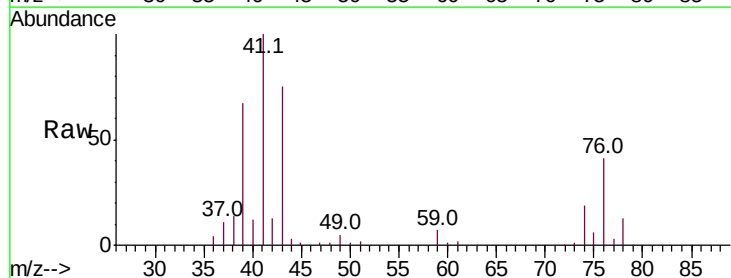
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

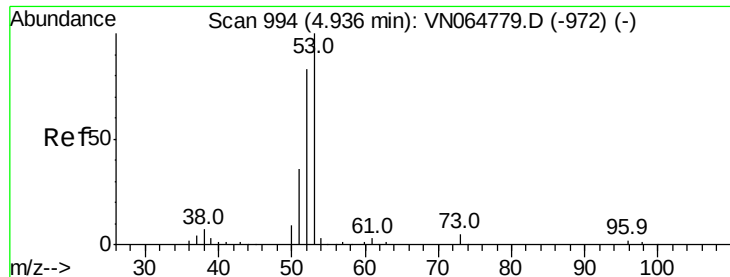
Tot Ion: 56 Resp: 71431
Ion Ratio Lower Upper
56 100
55 68.9 56.5 84.7



#14
Allyl chloride
Concen: 44.183 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion: 41 Resp: 149684
Ion Ratio Lower Upper
41 100
39 63.0 50.9 76.3
76 36.5 29.0 43.4





#15

Acrylonitrile

Concen: 227.351 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

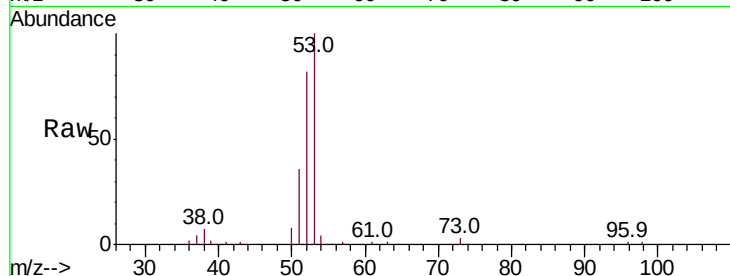
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 241205

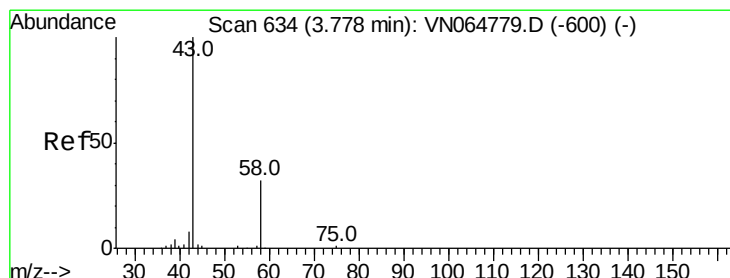
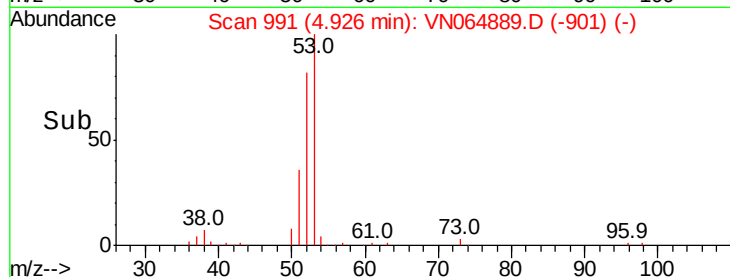
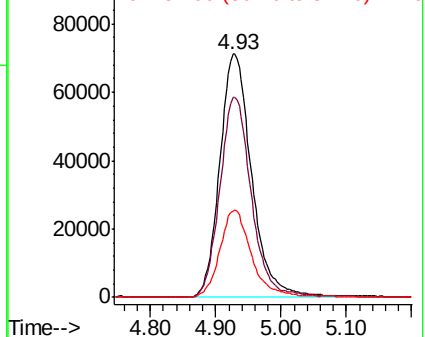
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.5	98.3
51	35.5	28.6	43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 202.143 ug/l

RT: 3.78 min Scan# 633

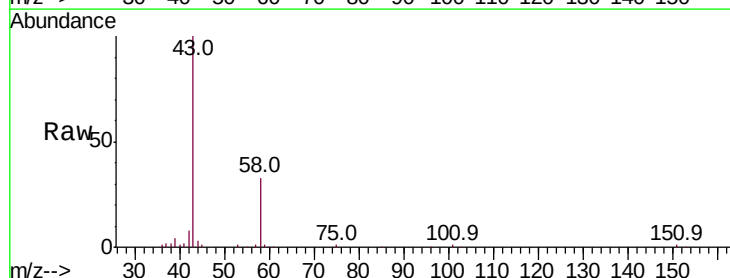
Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

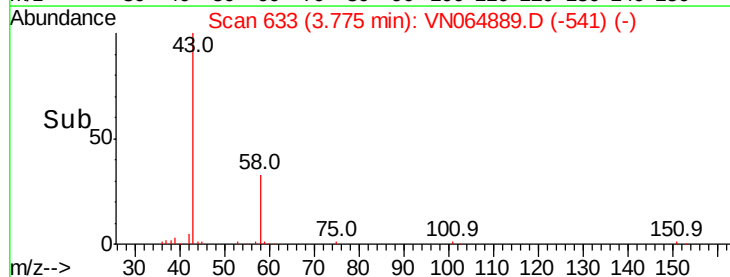
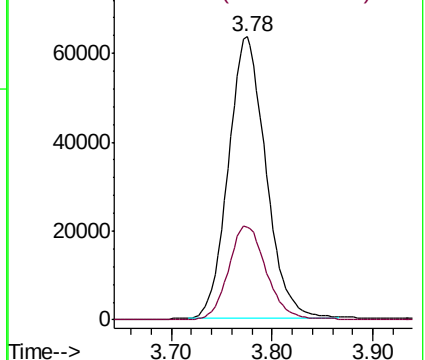
Tgt Ion: 43 Resp: 163639

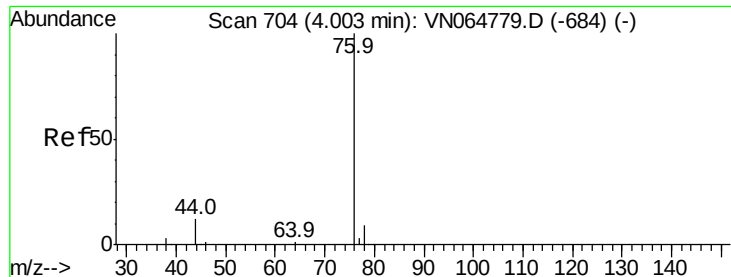
Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.7	38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 44.413 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

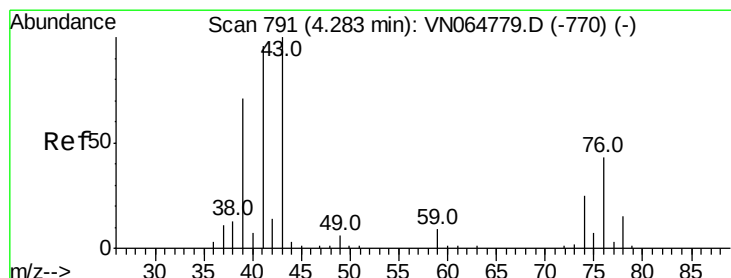
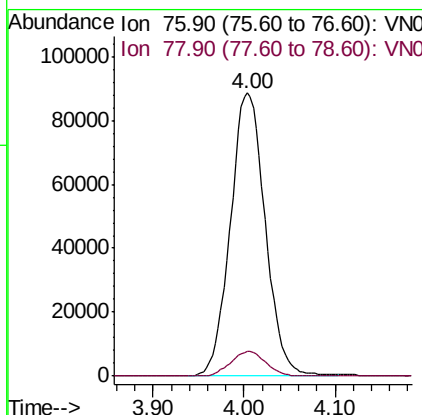
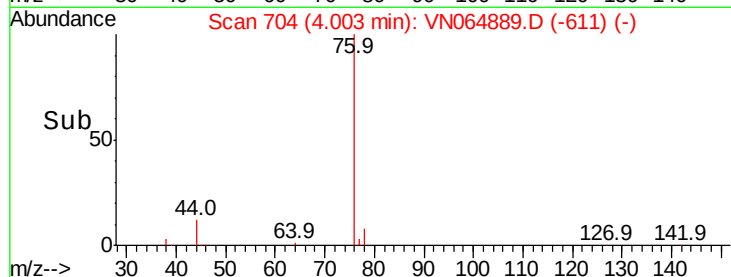
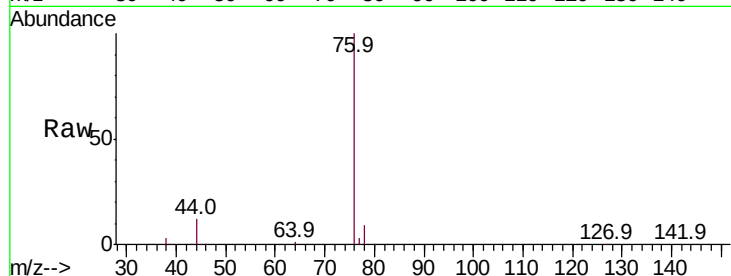
VSTDCCC050

Tot Ion: 76 Resp: 235543

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



#18

Methyl Acetate

Concen: 44.447 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN064889.D

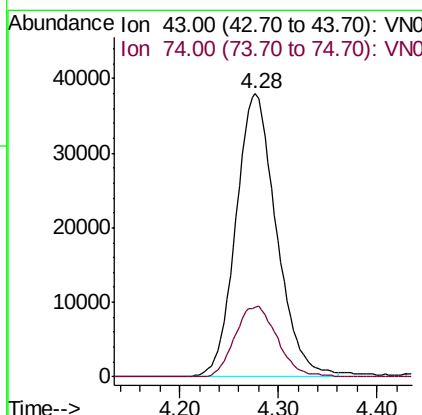
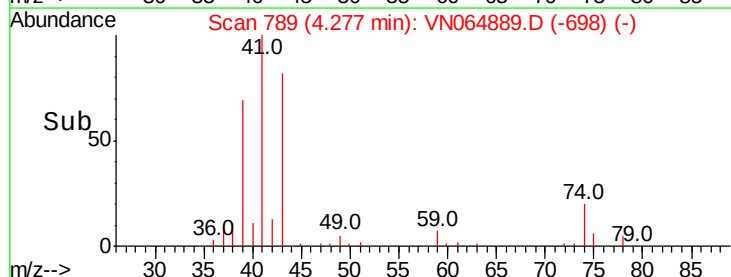
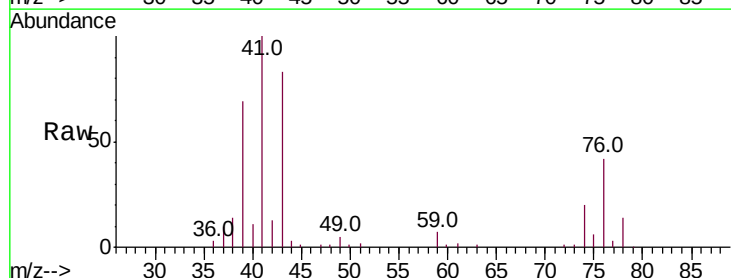
Acq: 3 Dec 2020 10:23

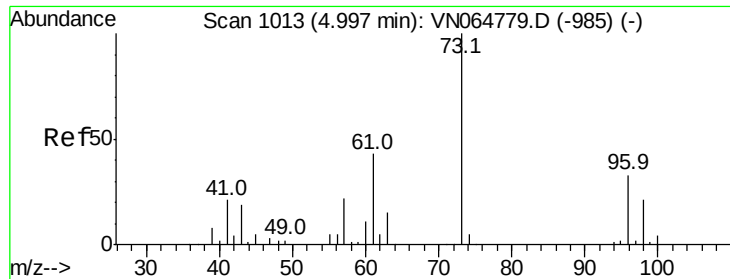
Tgt Ion: 43 Resp: 108178

Ion Ratio Lower Upper

43 100

74 26.0 20.2 30.2

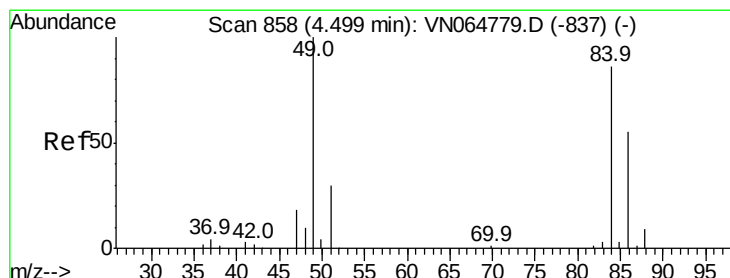
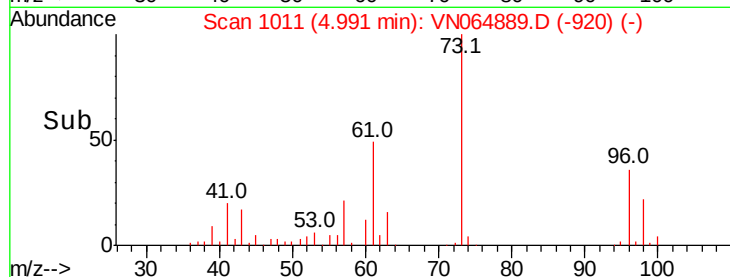
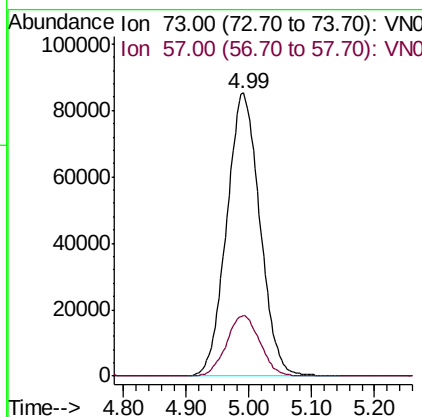
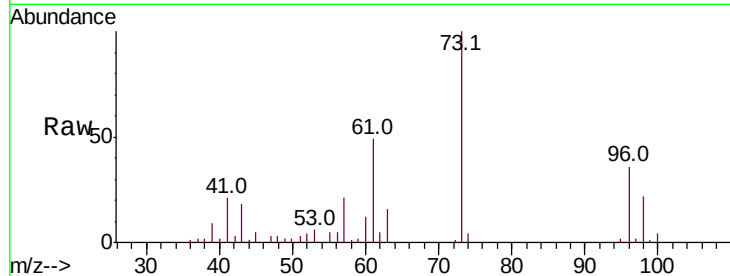




#19
Methyl tert-butyl Ether
Concen: 47.603 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

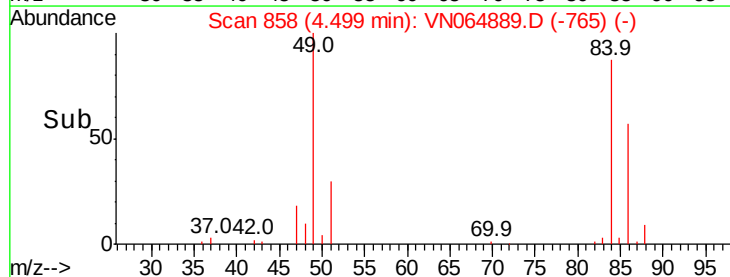
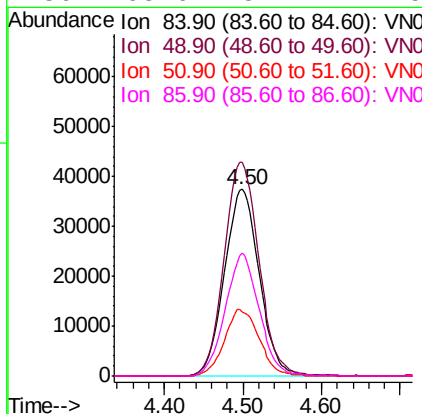
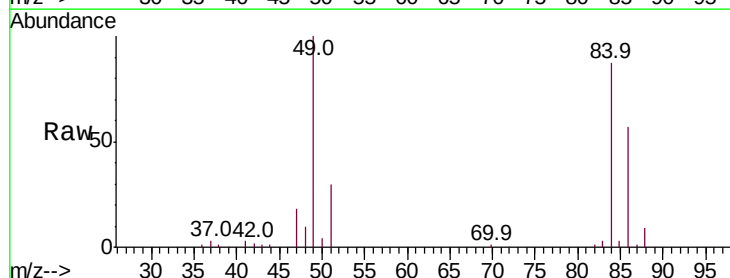
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

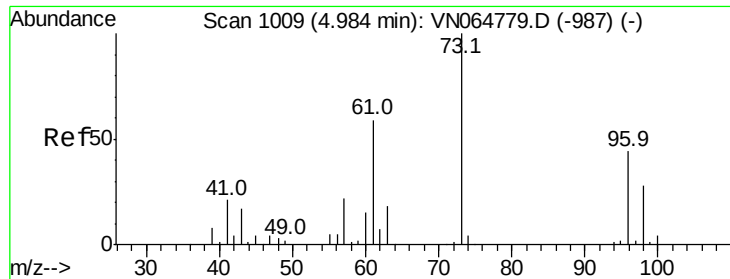
Tot Ion: 73 Resp: 313596
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0



#20
Methylene Chloride
Concen: 45.326 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion: 84 Resp: 114977
Ion Ratio Lower Upper
84 100
49 114.5 93.4 140.0
51 34.4 28.2 42.4
86 65.6 51.7 77.5

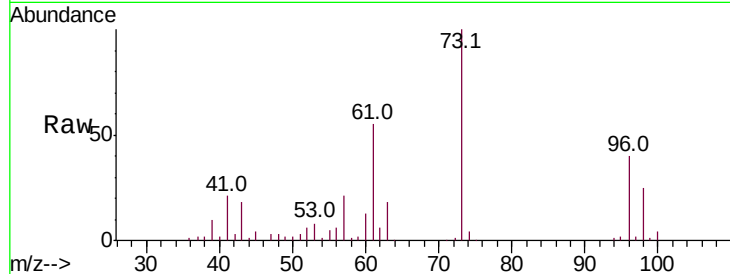




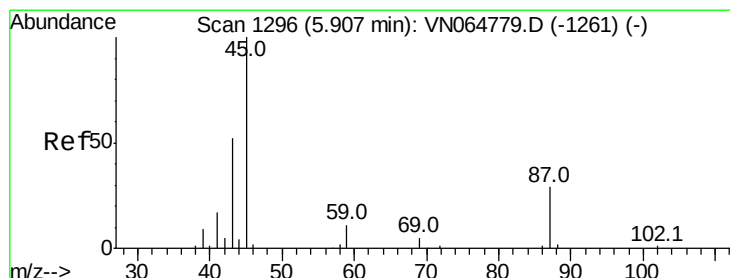
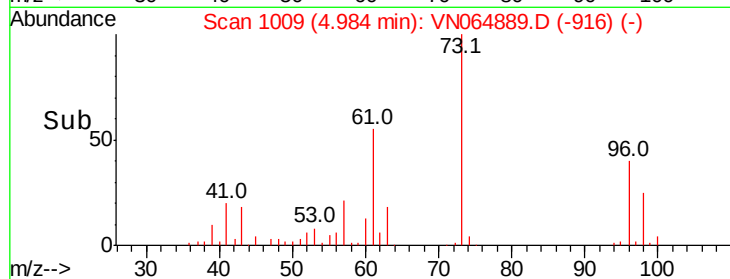
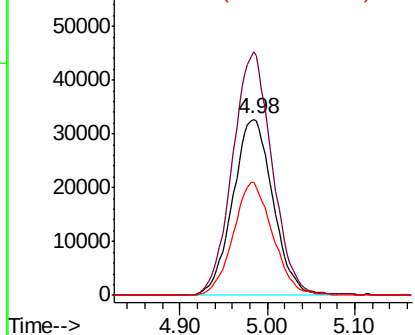
#21
trans-1,2-Dichloroethene
Concen: 45.835 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 104550
Ion Ratio Lower Upper
96 100
61 138.0 108.4 162.6
98 63.9 51.3 76.9

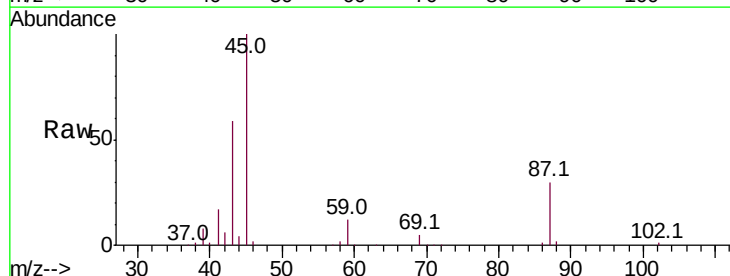


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

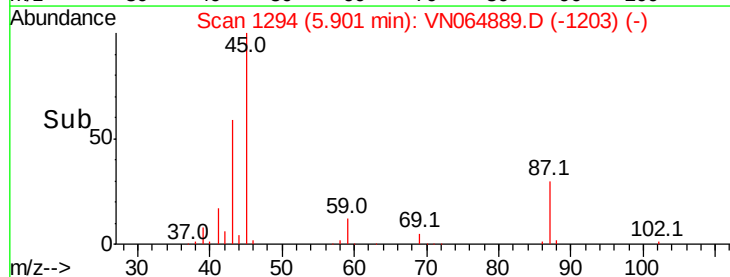
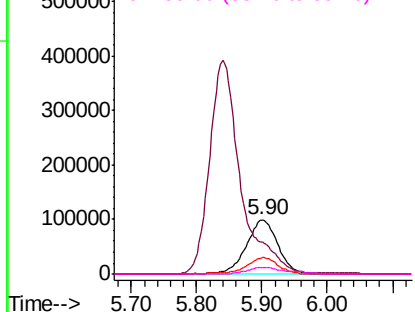


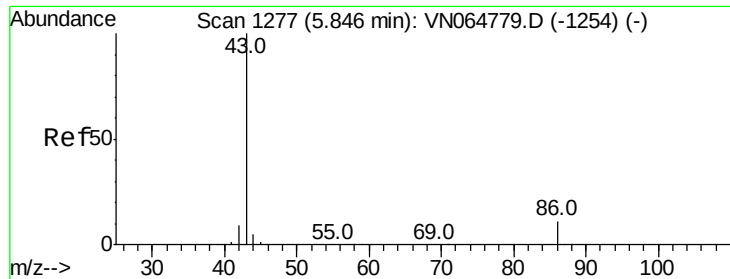
#22
Diisopropyl ether
Concen: 49.218 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion: 45 Resp: 333748
Ion Ratio Lower Upper
45 100
43 57.2 46.2 69.2
87 30.2 24.1 36.1
59 11.7 9.0 13.4



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





#23

Vinyl Acetate

Concen: 240.548 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

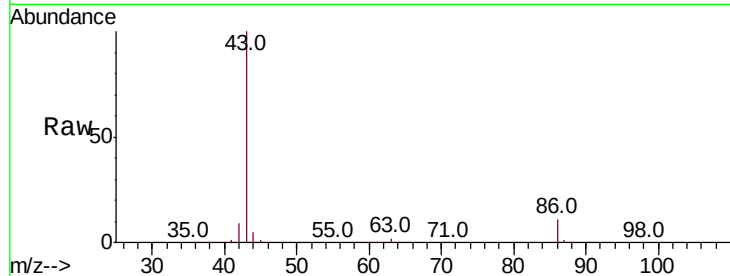
VSTDCCC050

Tot Ion: 43 Resp: 1304398

Ion Ratio Lower Upper

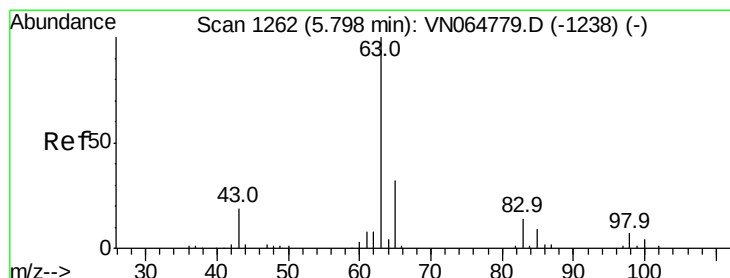
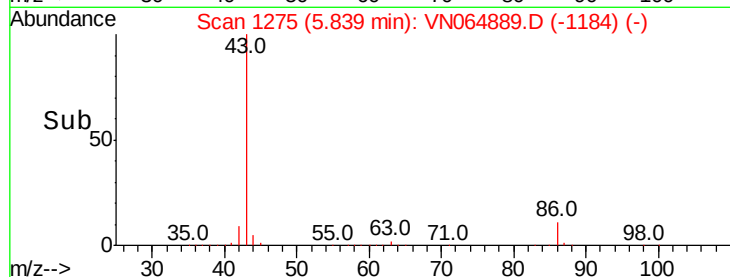
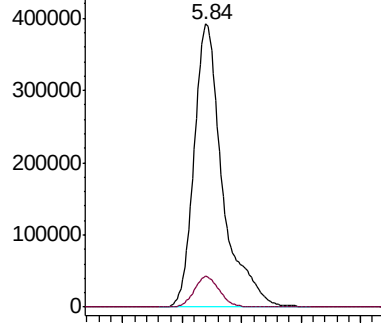
43 100

86 10.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.745 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

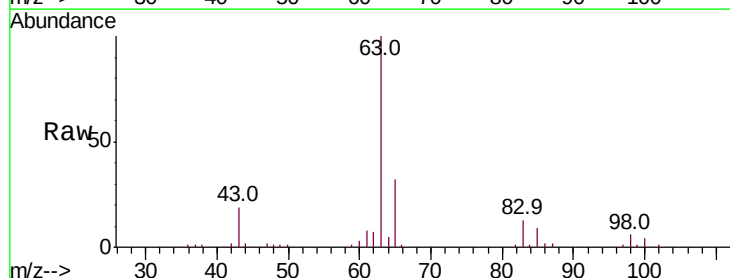
Tgt Ion: 63 Resp: 193490

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

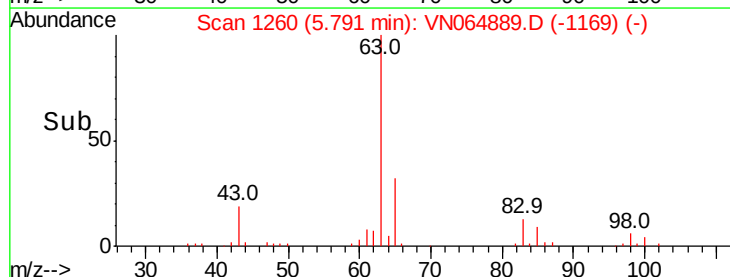
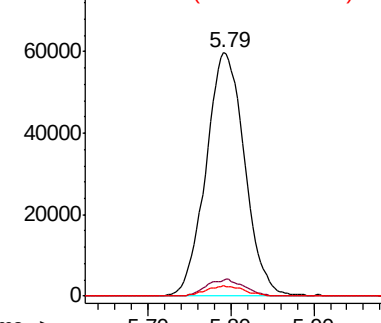
100 4.1 2.3 6.8

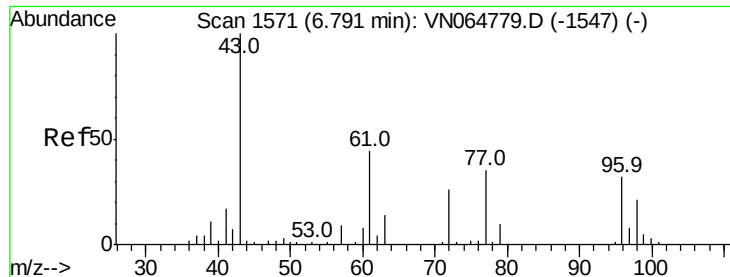


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 220.271 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

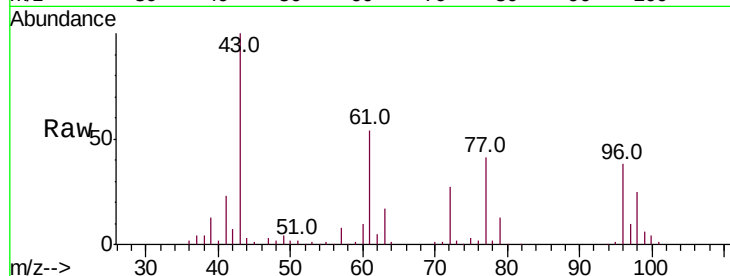
VSTDCCC050

Tot Ion: 43 Resp: 289056

Ion Ratio Lower Upper

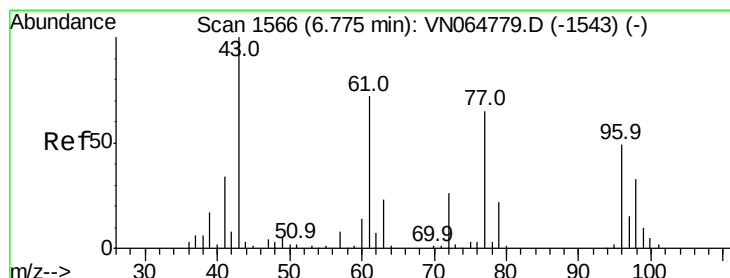
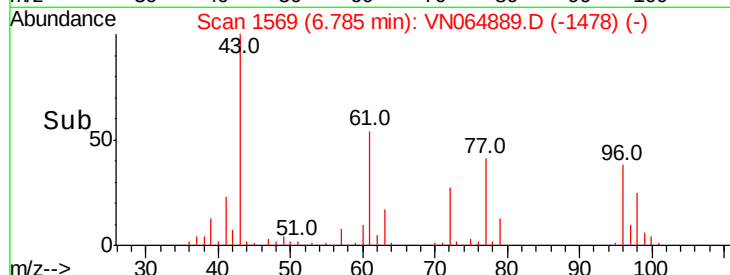
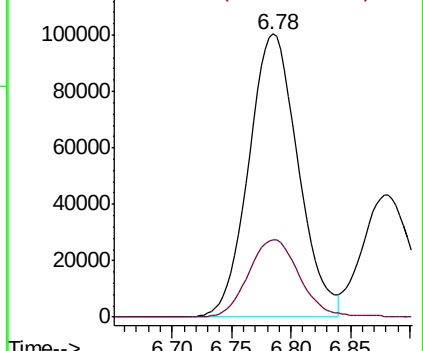
43 100

72 27.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1547) (-)



#26

2,2-Dichloropropane

Concen: 46.657 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064889.D

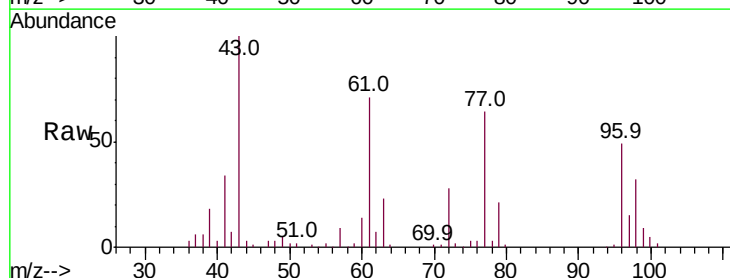
Acq: 3 Dec 2020 10:23

Tgt Ion: 77 Resp: 163992

Ion Ratio Lower Upper

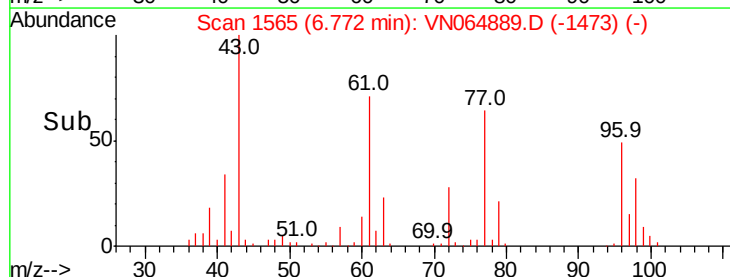
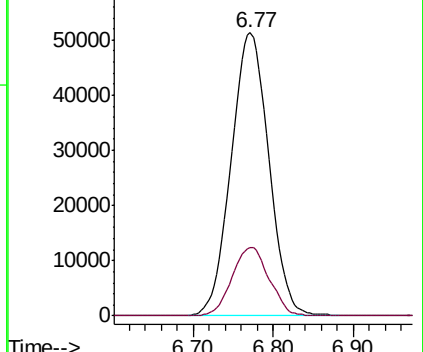
77 100

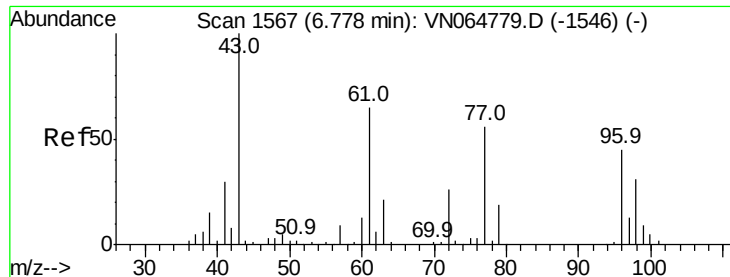
97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN064779.D (-1547) (-)

Ion 96.90 (96.60 to 97.60): VN064779.D (-1547) (-)





#27

cis-1,2-Dichloroethene

Concen: 46.814 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

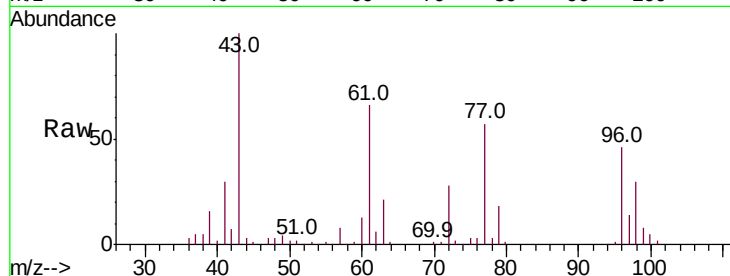
Tot Ion: 96 Resp: 120160

Ion Ratio Lower Upper

96 100

61 143.9 0.0 285.8

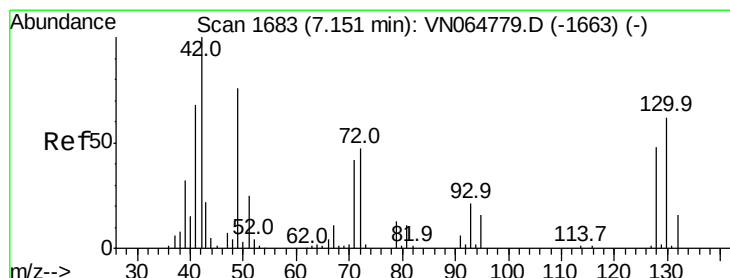
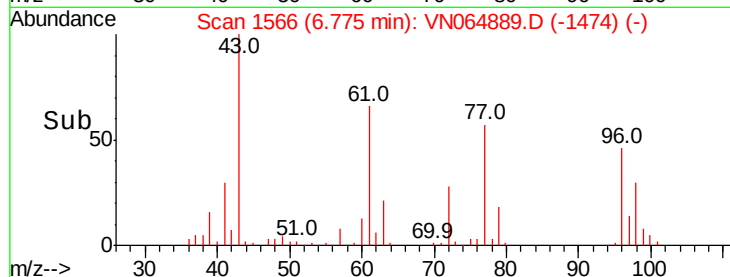
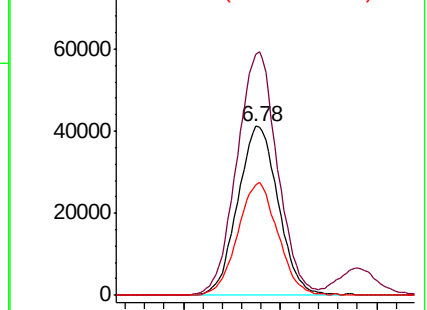
98 65.9 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1546) (-)



#28

Bromochloromethane

Concen: 46.366 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

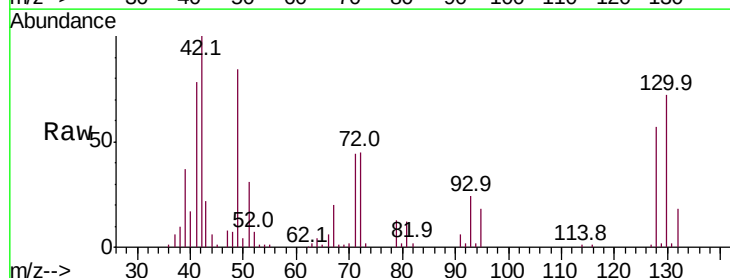
Tgt Ion: 49 Resp: 85960

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

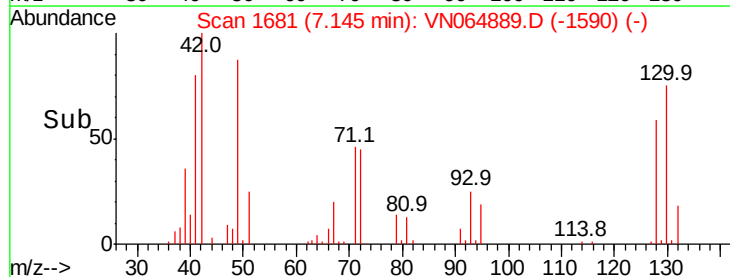
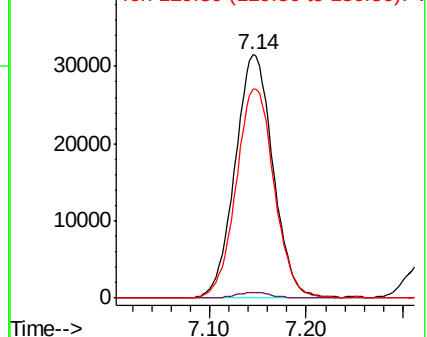
130 86.3 66.2 99.2

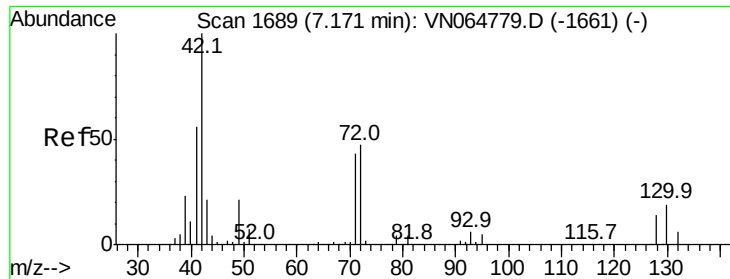


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN064779.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN064779.D (-1663) (-)





#29

Tetrahydrofuran

Concen: 217.419 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.01 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

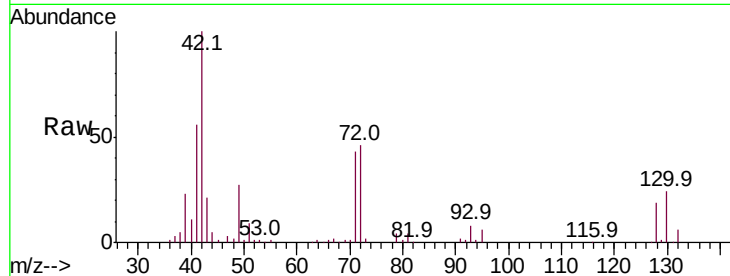
Tot Ion: 42 Resp: 196949

Ion Ratio Lower Upper

42 100

72 45.5 36.6 54.8

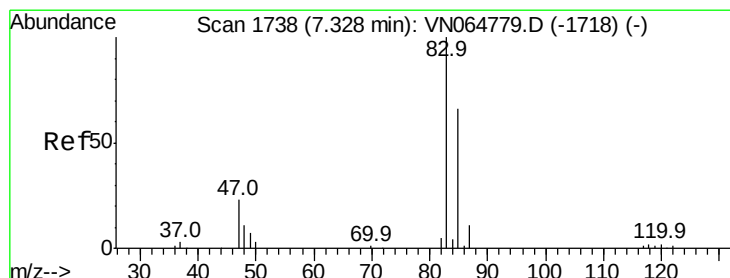
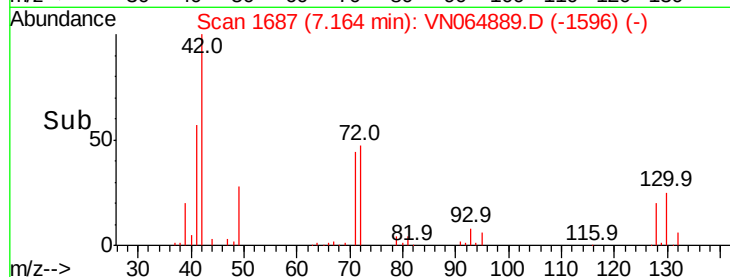
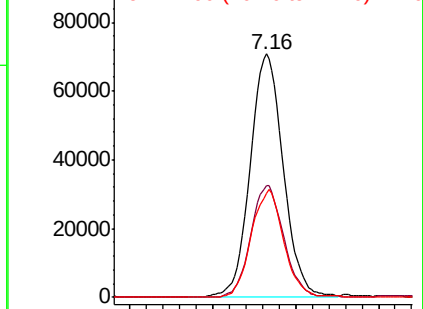
71 43.7 33.6 50.4



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: 48.088 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064889.D

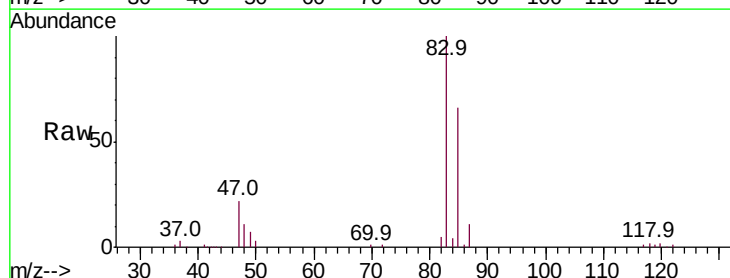
Acq: 3 Dec 2020 10:23

Tgt Ion: 83 Resp: 200969

Ion Ratio Lower Upper

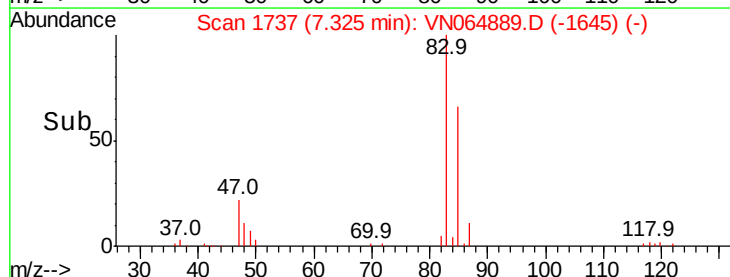
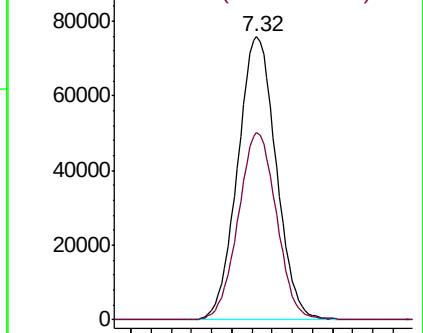
83 100

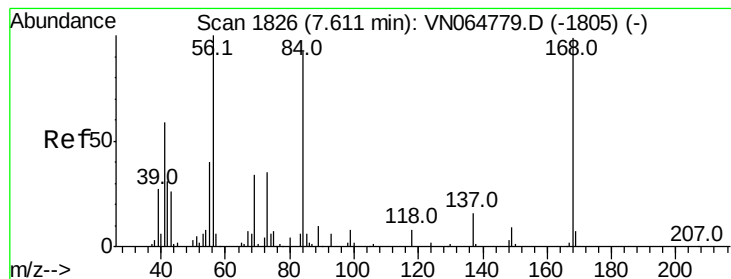
85 66.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 44.675 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

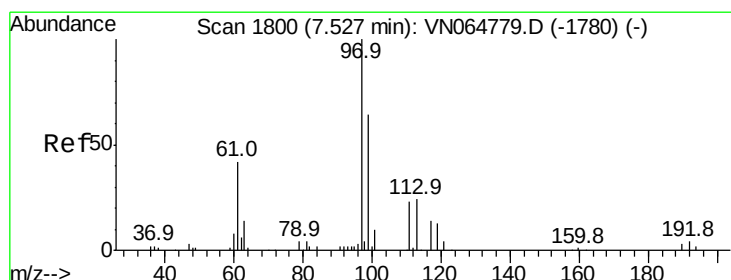
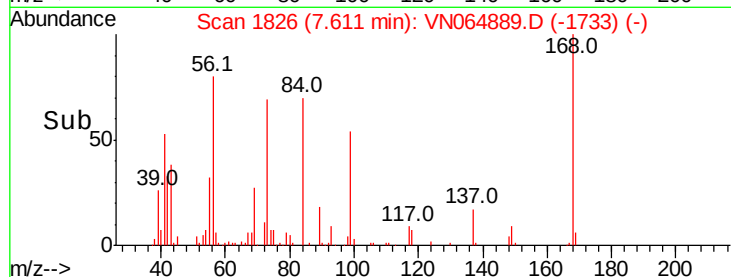
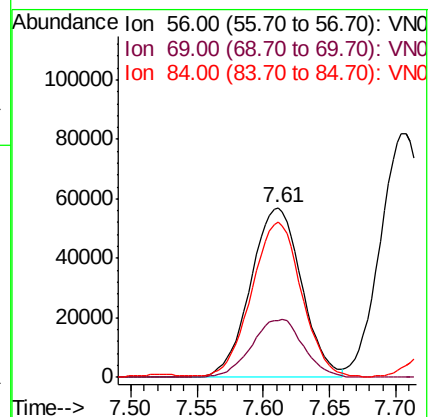
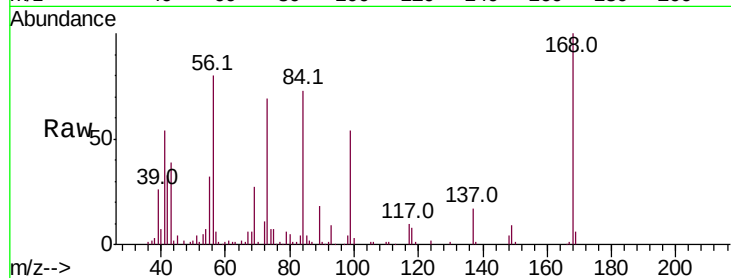
Tot Ion: 56 Resp: 153335

Ion Ratio Lower Upper

56 100

69 33.5 27.5 41.3

84 90.5 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 47.780 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

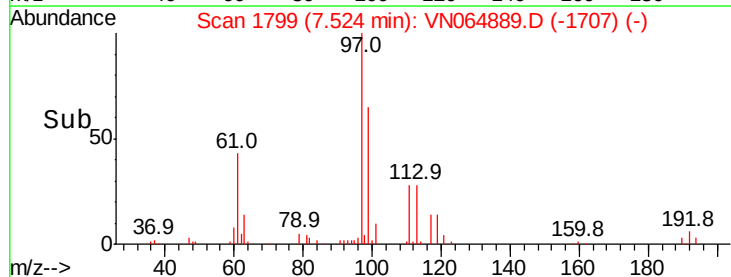
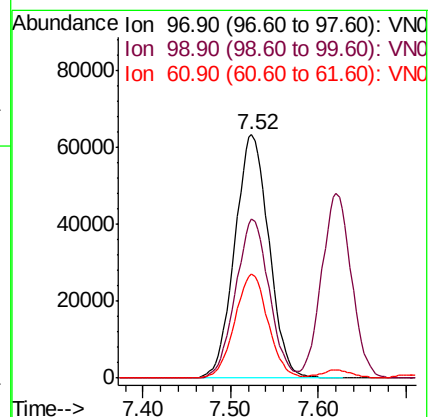
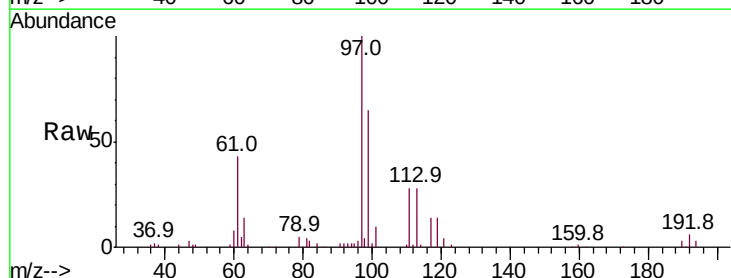
Tgt Ion: 97 Resp: 171500

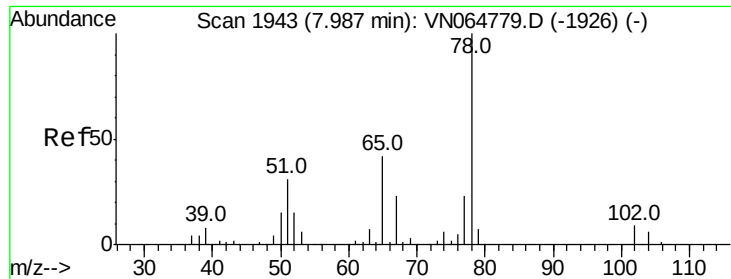
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 41.6 33.9 50.9

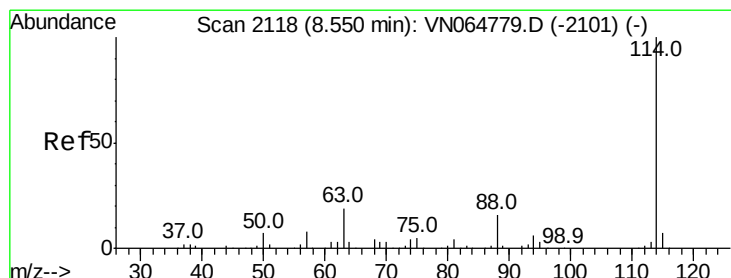
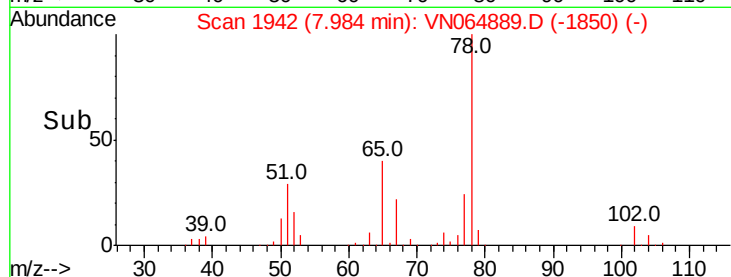
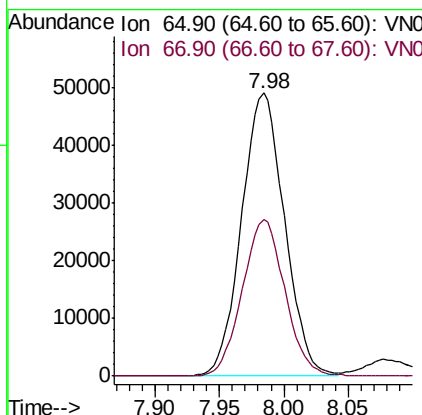
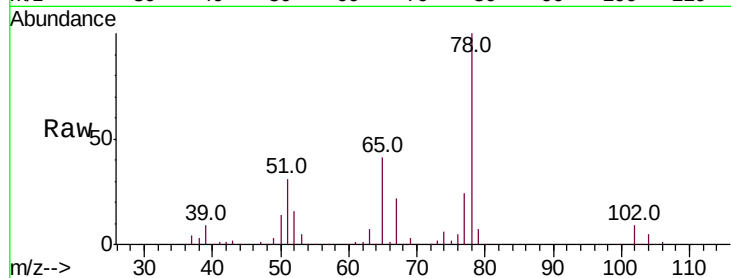




#33
 1,2-Dichloroethane-d4
 Concen: 46.237 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

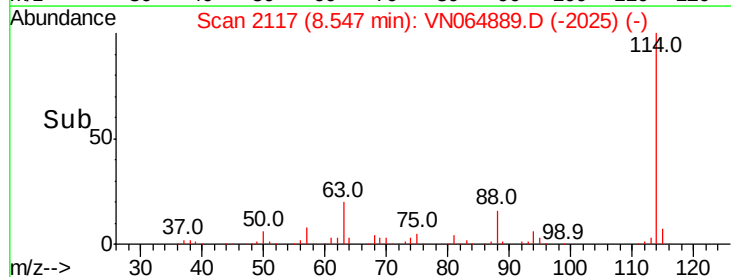
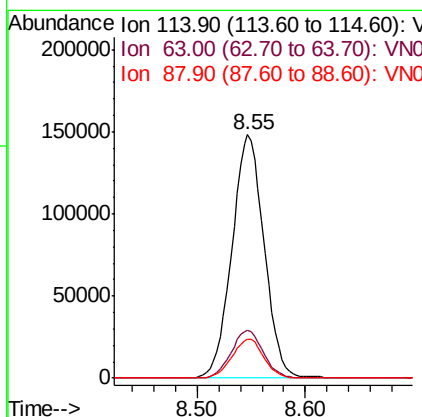
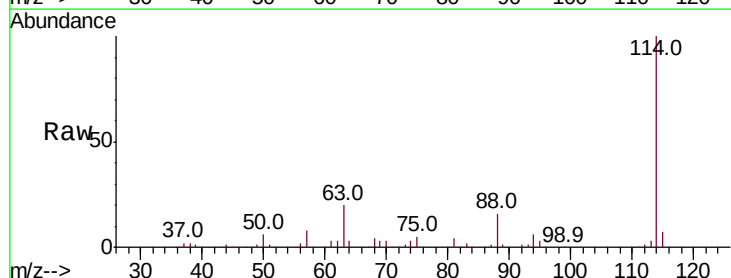
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

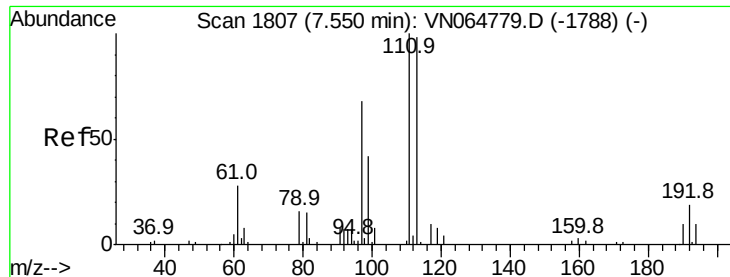
Tot Ion: 65 Resp: 113863
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Tgt Ion: 114 Resp: 307225
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.9 0.0 32.6

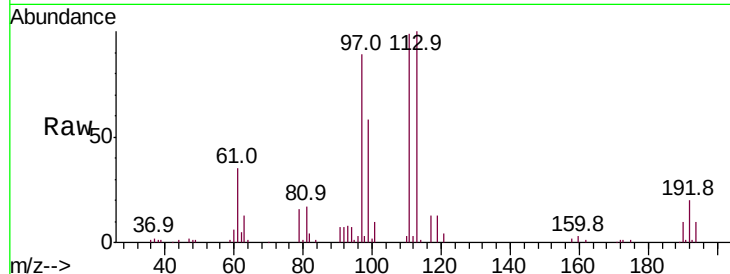




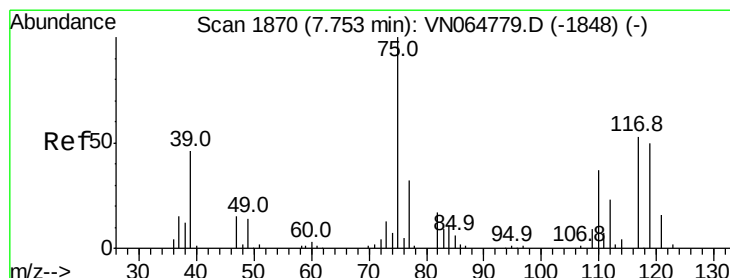
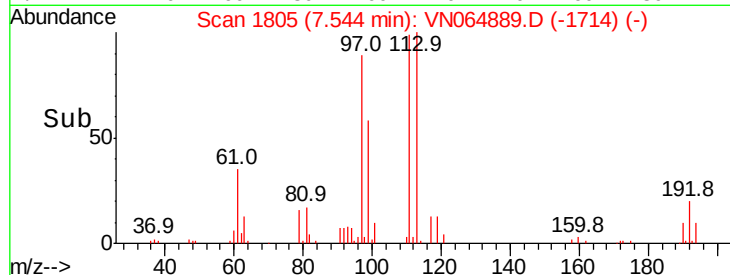
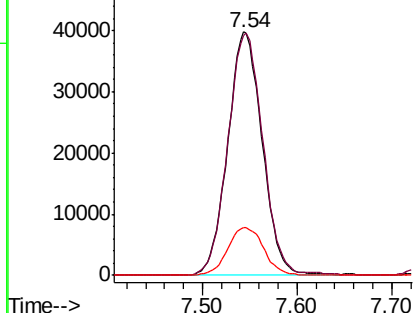
#35
 Dibromofluoromethane
 Concen: 54.707 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 100570
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.6 122.4
 192 20.5 16.2 24.2

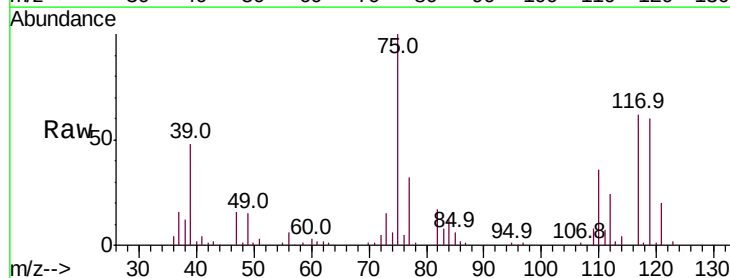


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

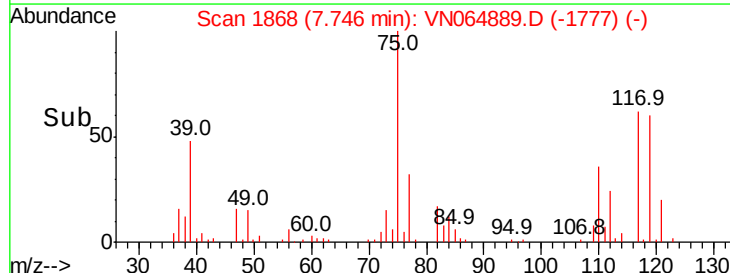
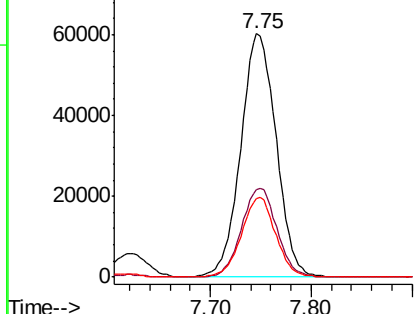


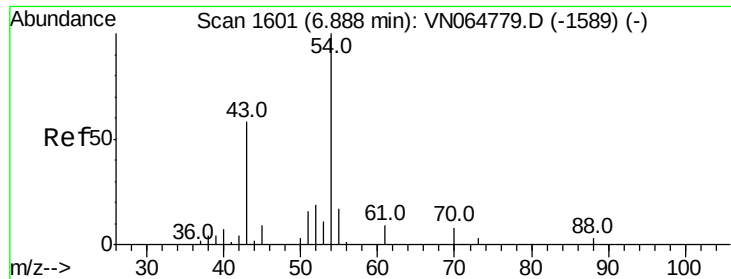
#36
 1,1-Dichloropropene
 Concen: 51.414 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Tgt Ion: 75 Resp: 146410
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.8 53.3
 77 31.8 25.0 37.4



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

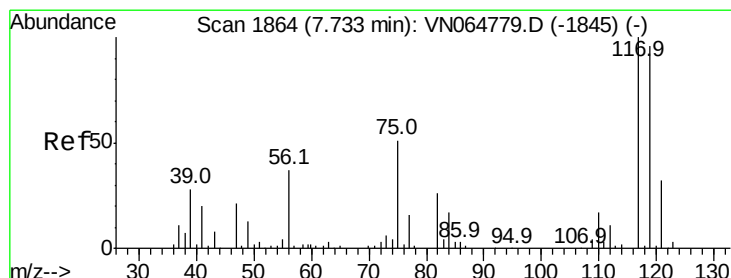
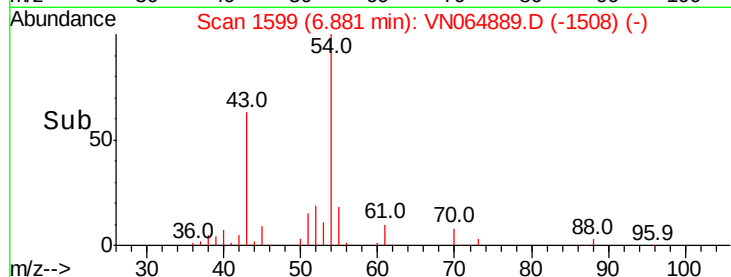
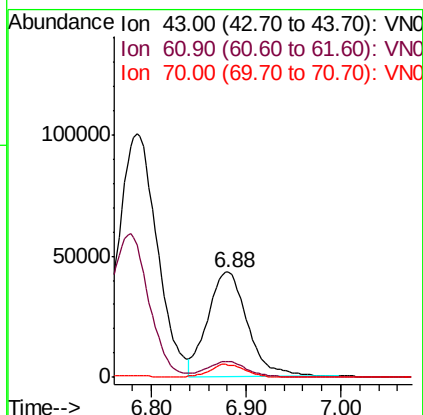
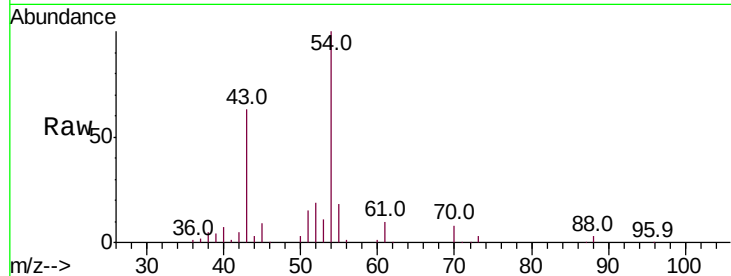




#37
Ethyl Acetate
Concen: 45.916 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

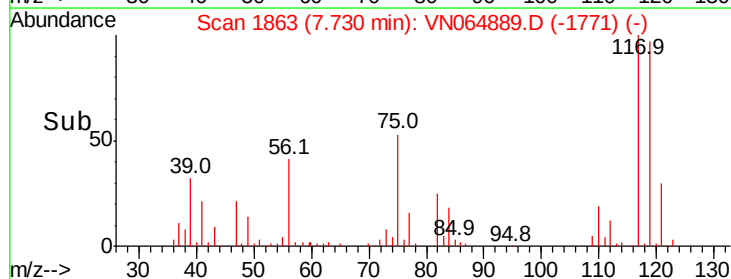
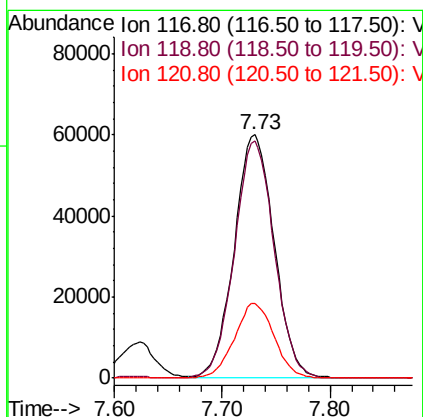
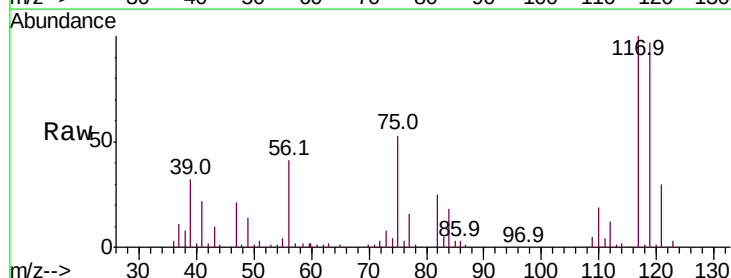
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

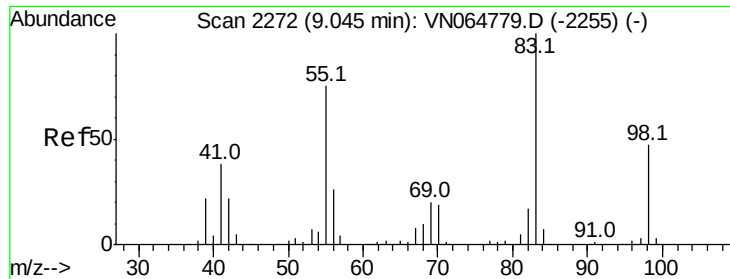
Tot Ion: 43 Resp: 125951
Ion Ratio Lower Upper
43 100
61 14.7 12.8 19.2
70 11.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 52.291 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion: 117 Resp: 154938
Ion Ratio Lower Upper
117 100
119 97.1 76.7 115.1
121 30.4 25.4 38.2

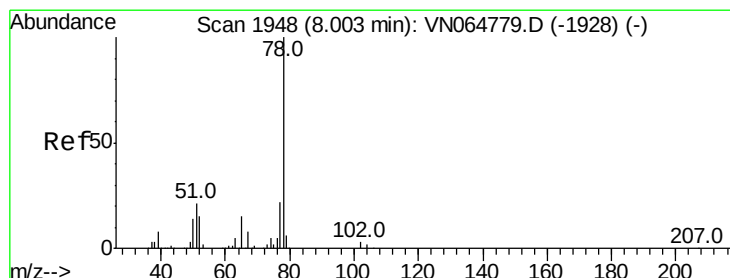
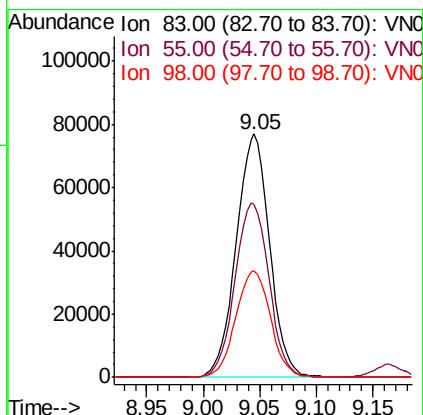
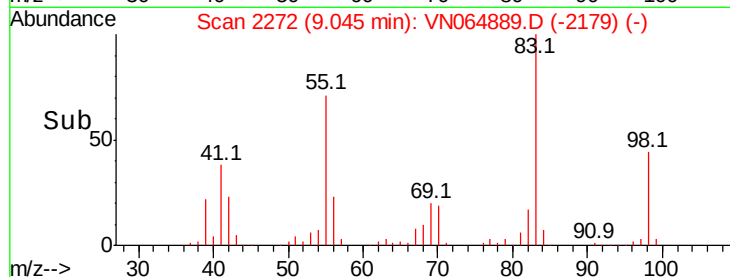
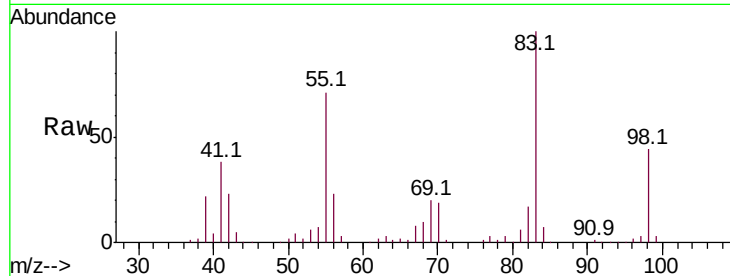




#39
Methylvlcyclohexane
Concen: 51.666 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

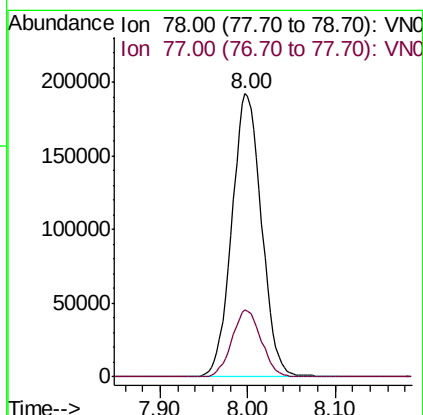
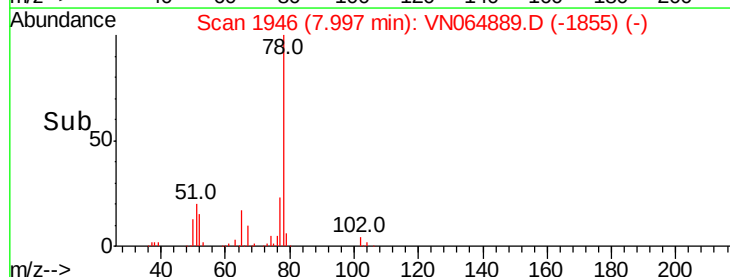
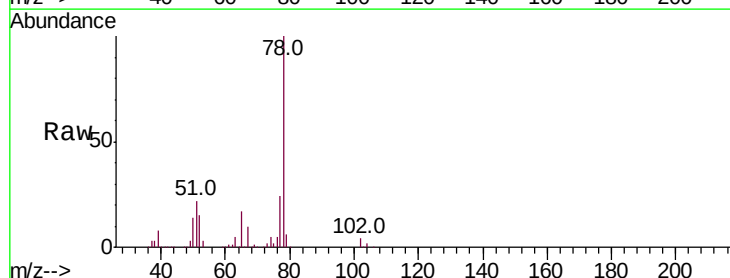
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

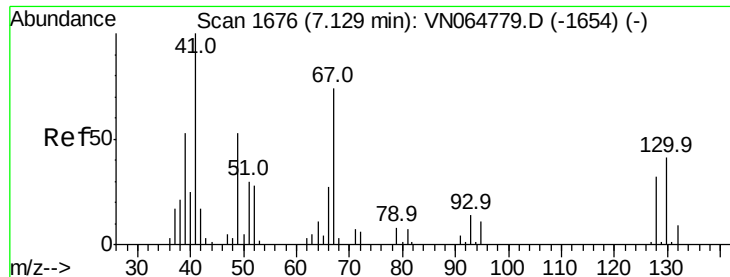
Tot Ion: 83 Resp: 158382
Ion Ratio Lower Upper
83 100
55 71.3 60.2 90.2
98 43.8 37.4 56.2



#40
Benzene
Concen: 51.919 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion: 78 Resp: 453057
Ion Ratio Lower Upper
78 100
77 23.6 17.9 26.9





#41

Methacrylonitrile

Concen: 48.065 ug/l

RT: 7.12 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 60836

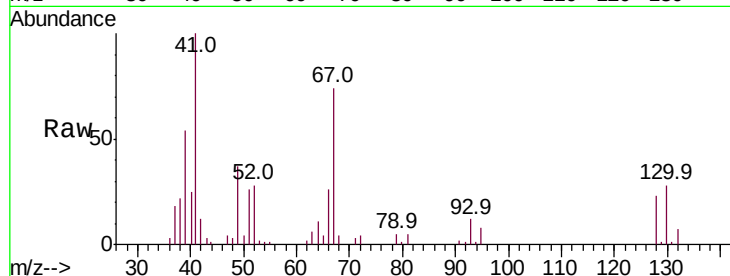
Ion Ratio Lower Upper

41 100

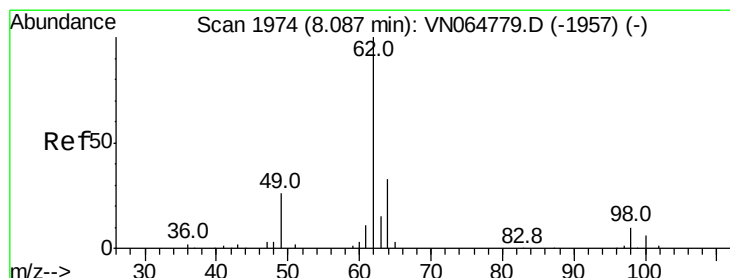
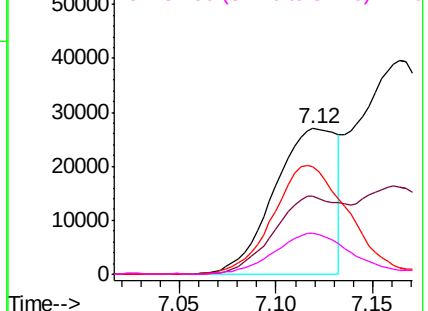
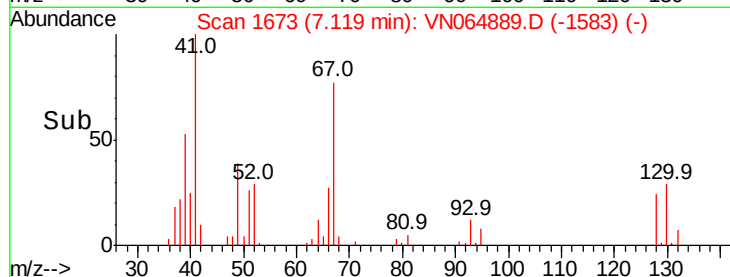
39 60.5 51.0 76.6

67 90.3 79.8 119.8

52 35.2 31.5 47.3



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



#42

1,2-Dichloroethane

Concen: 50.474 ug/l

RT: 8.08 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VN064889.D

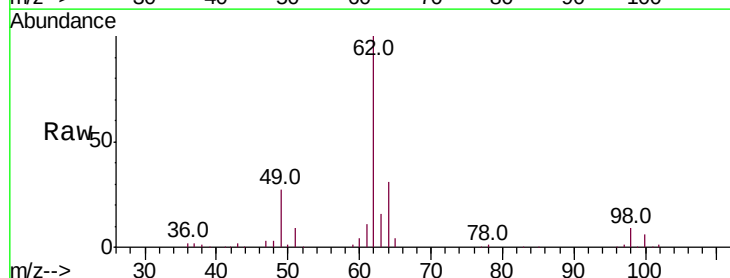
Acq: 3 Dec 2020 10:23

Tgt Ion: 62 Resp: 148582

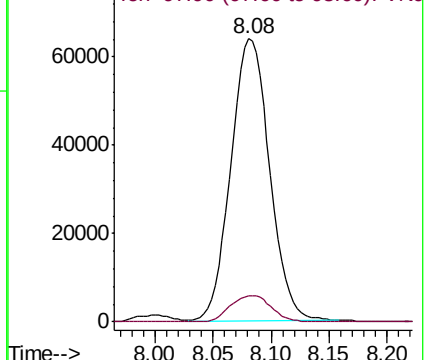
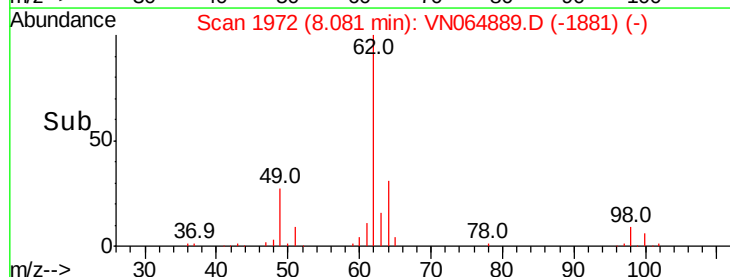
Ion Ratio Lower Upper

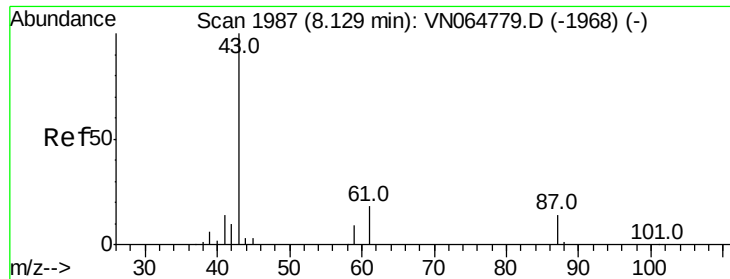
62 100

98 9.8 0.0 19.6



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





#43

Isopropyl Acetate

Concen: 47.145 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

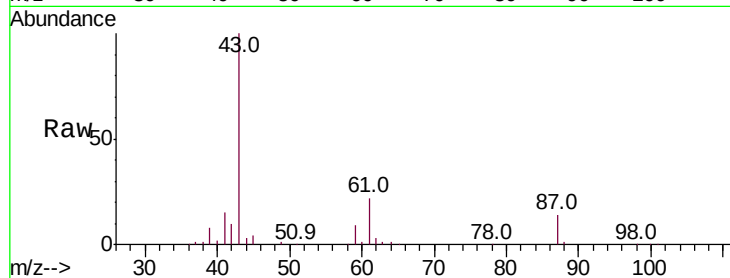
Tot Ion: 43 Resp: 208094

Ion Ratio Lower Upper

43 100

61 22.0 17.2 25.8

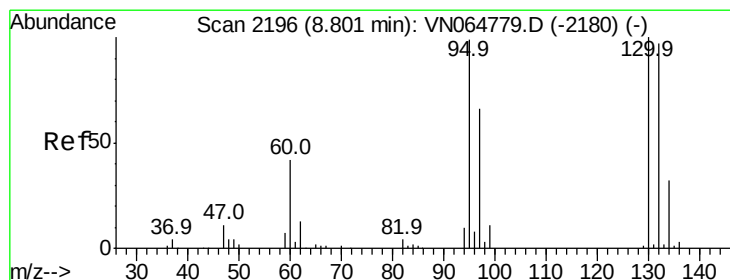
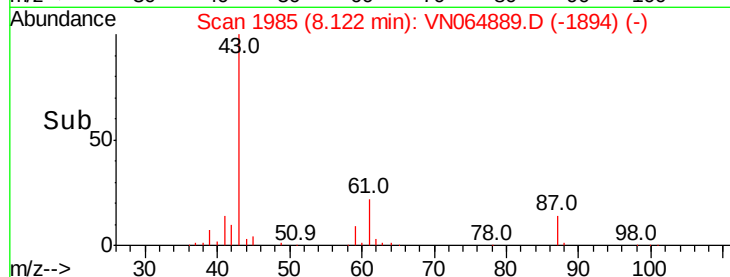
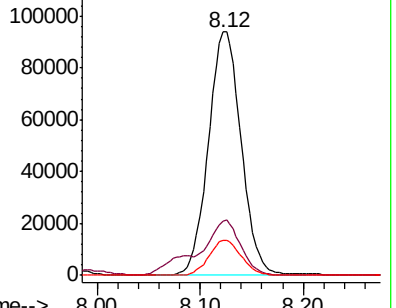
87 14.0 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 50.536 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064889.D

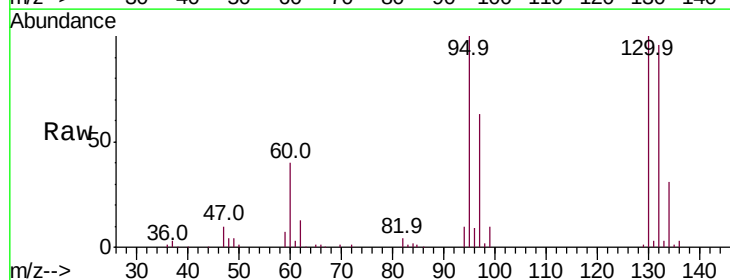
Acq: 3 Dec 2020 10:23

Tgt Ion:130 Resp: 130116

Ion Ratio Lower Upper

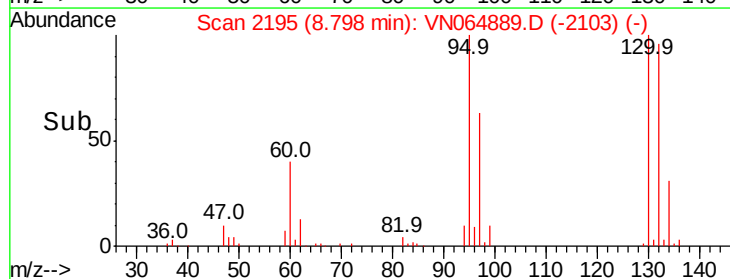
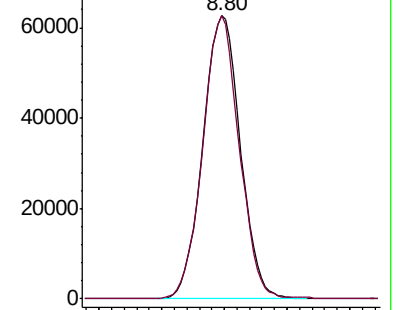
130 100

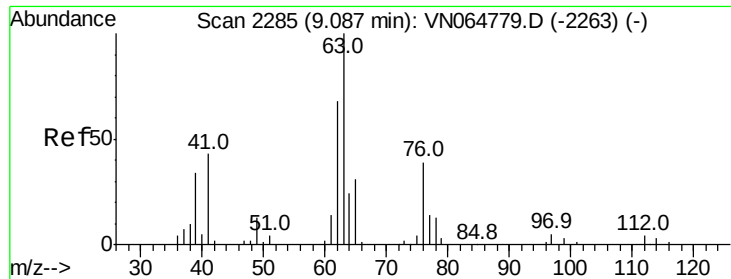
95 100.1 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)

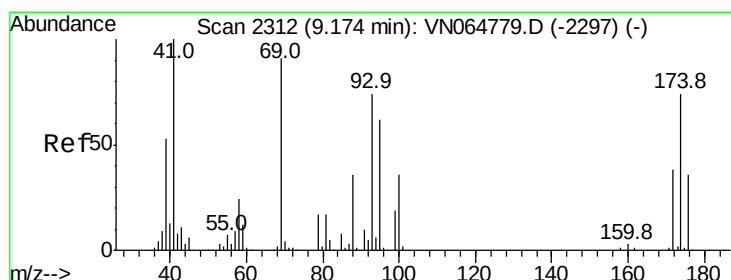
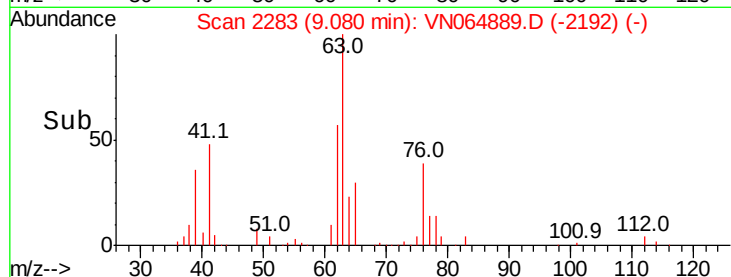
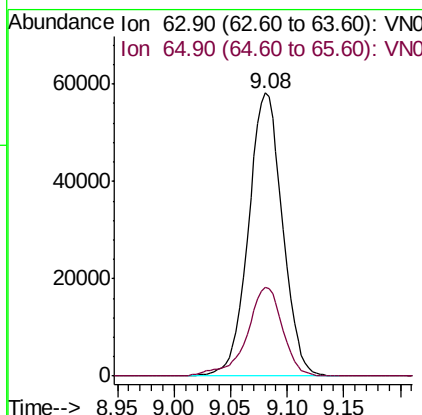
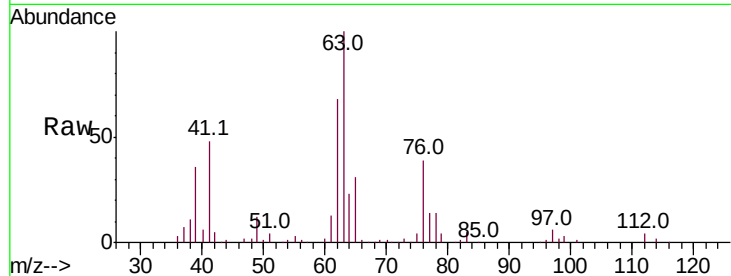




#45
 1,2-Dichloropropane
 Concen: 53.798 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

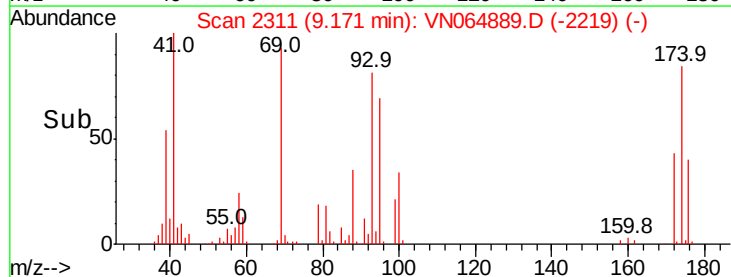
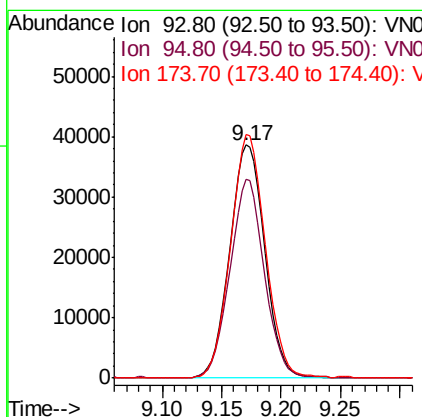
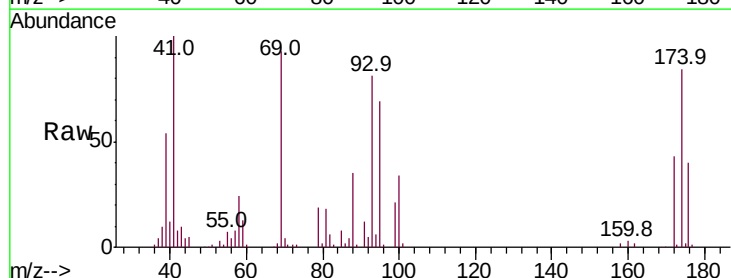
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

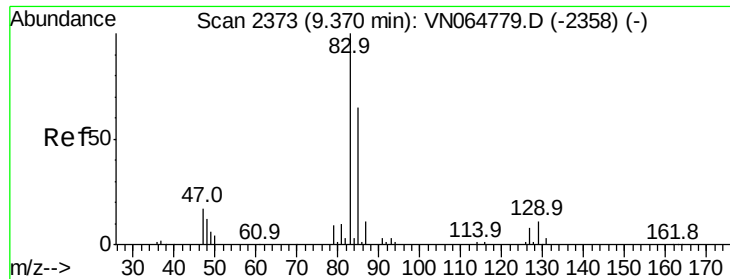
Tot Ion: 63 Resp: 121573
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.4



#46
 Dibromomethane
 Concen: 52.341 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Tgt Ion: 93 Resp: 79020
 Ion Ratio Lower Upper
 93 100
 95 83.2 68.8 103.2
 174 103.8 83.1 124.7





#47

Bromodichloromethane

Concen: 53.015 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

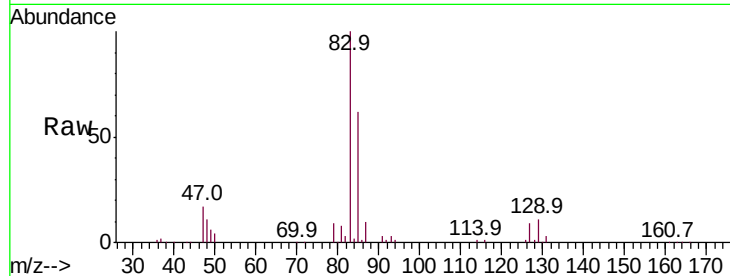
Tot Ion: 83 Resp: 161045

Ion Ratio Lower Upper

83 100

85 62.5 51.8 77.8

127 9.2 6.8 10.2

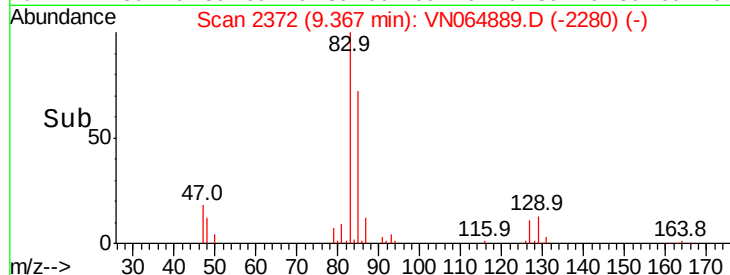


Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)

Time-->

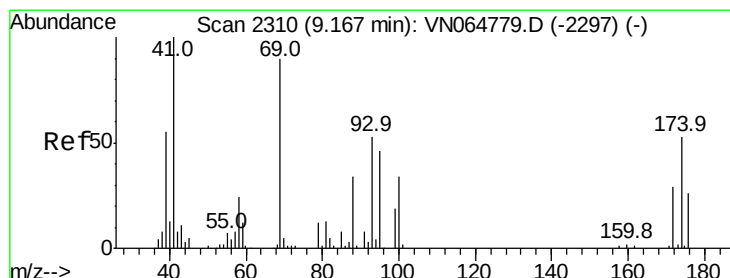


Abundance Ion 82.90 (82.60 to 83.60): VN064889.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064889.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064889.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 48.654 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

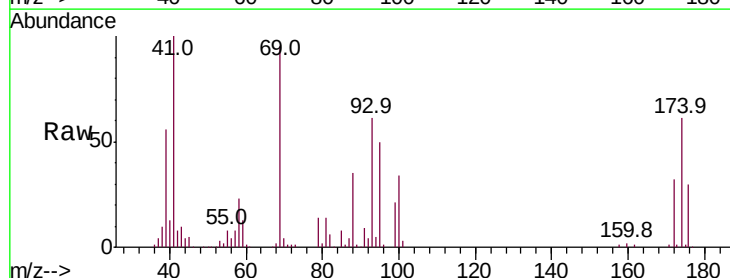
Tgt Ion: 41 Resp: 102618

Ion Ratio Lower Upper

41 100

69 94.0 71.8 107.8

39 55.1 44.1 66.1

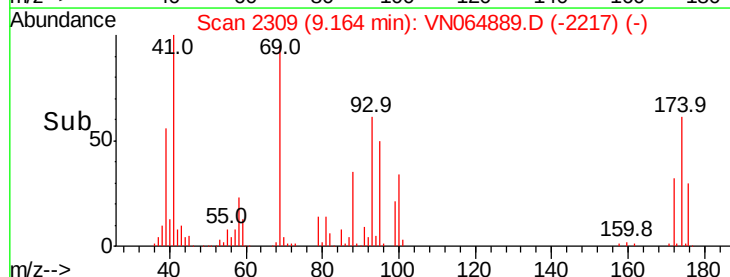


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)

Time-->

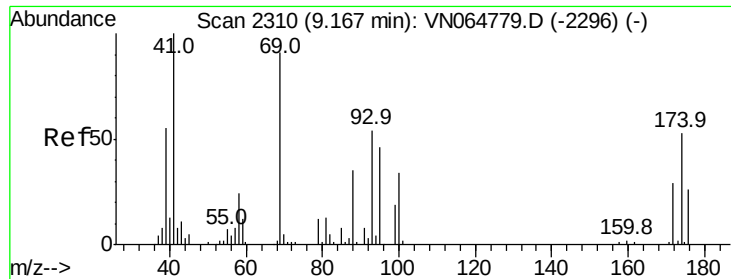


Abundance Ion 41.00 (40.70 to 41.70): VN064889.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064889.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064889.D (-2217) (-)

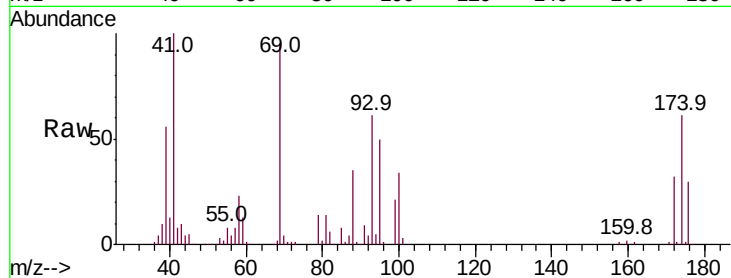
Time-->



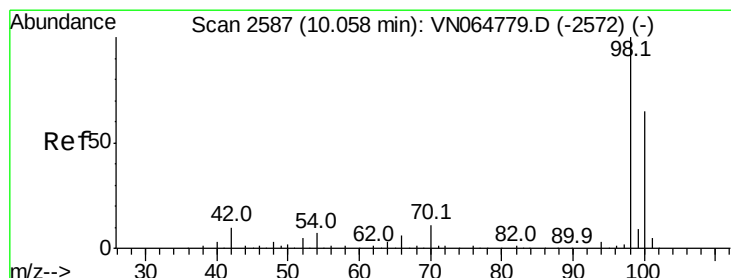
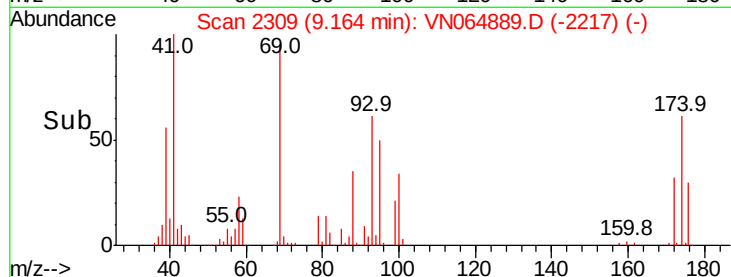
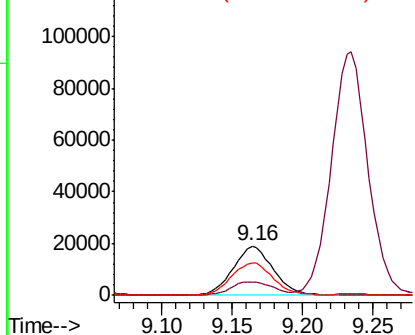
#49
 1,4-Dioxane
 Concen: 948.822 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 37823
 Ion Ratio Lower Upper
 88 100
 43 29.3 24.2 36.4
 58 69.1 52.5 78.7

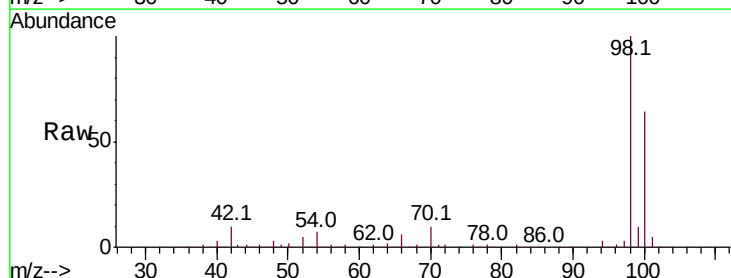


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

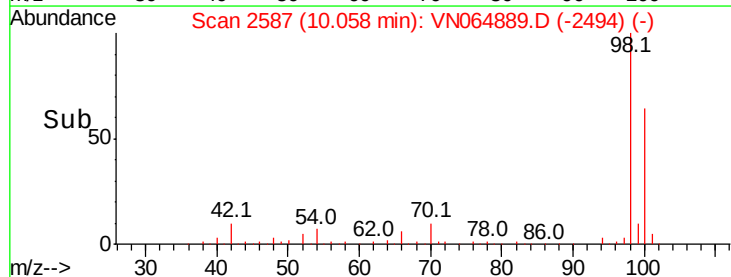
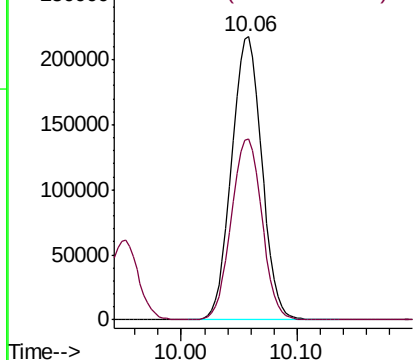


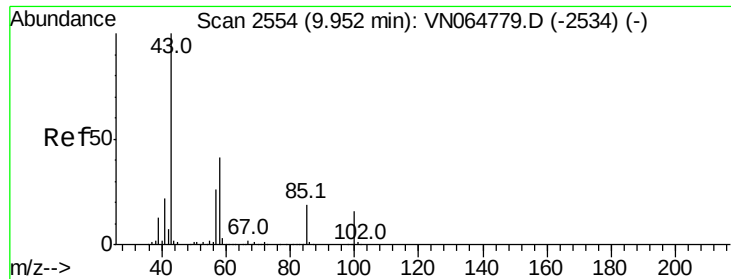
#50
 Toluene-d8
 Concen: 52.286 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Tgt Ion: 98 Resp: 392736
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

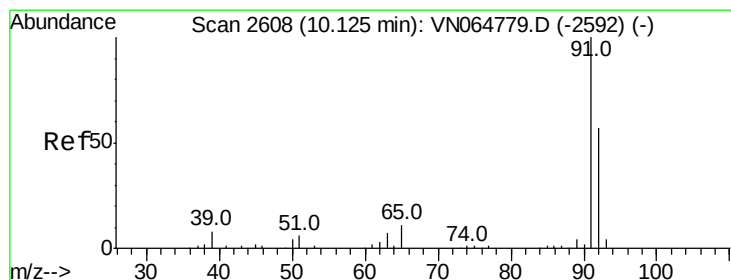
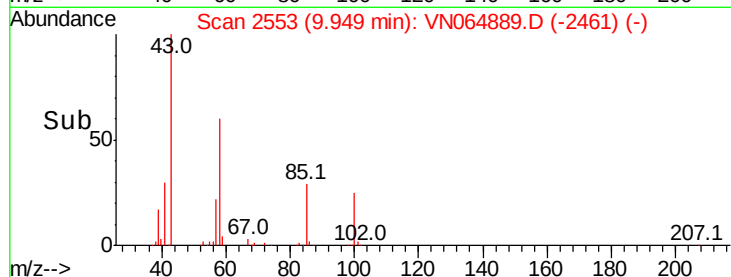
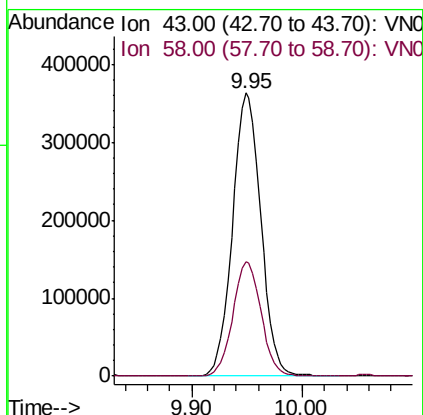
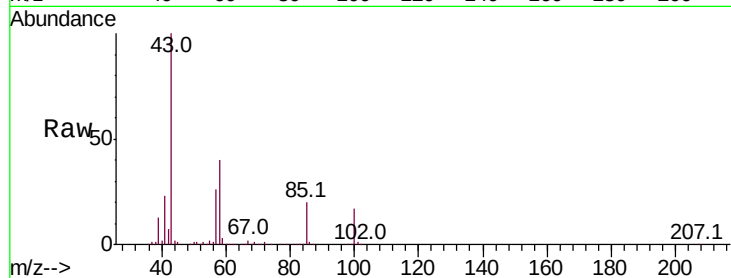




#51
4-Methyl-2-Pentanone
Concen: 243.445 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

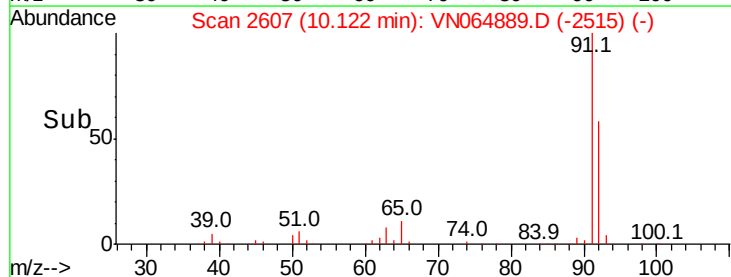
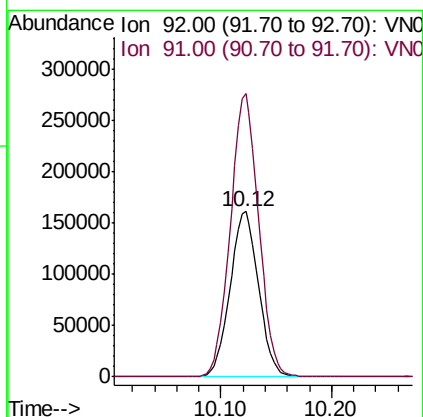
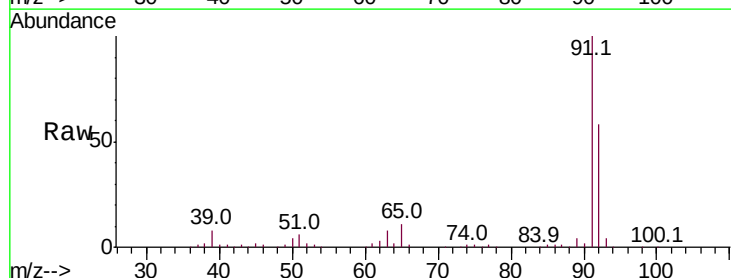
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

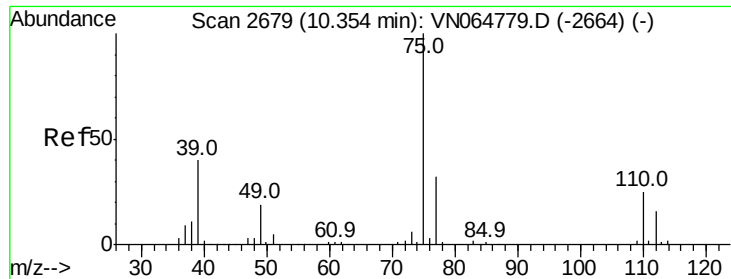
Tot Ion: 43 Resp: 645102
Ion Ratio Lower Upper
43 100
58 40.3 32.4 48.6



#52
Toluene
Concen: 53.798 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion: 92 Resp: 289111
Ion Ratio Lower Upper
92 100
91 170.3 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 51.593 ug/l

RT: 10.35 min Scan# 2677

Delta R.T. -0.01 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

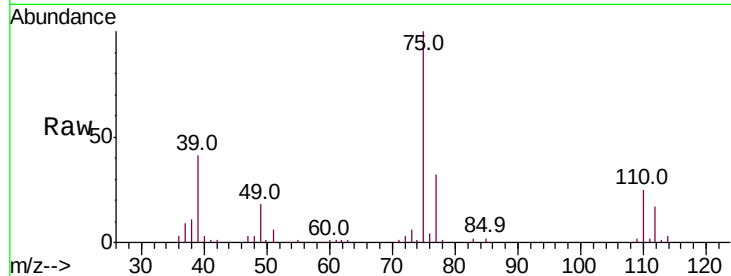
VSTDCCC050

Tot Ion: 75 Resp: 174560

Ion Ratio Lower Upper

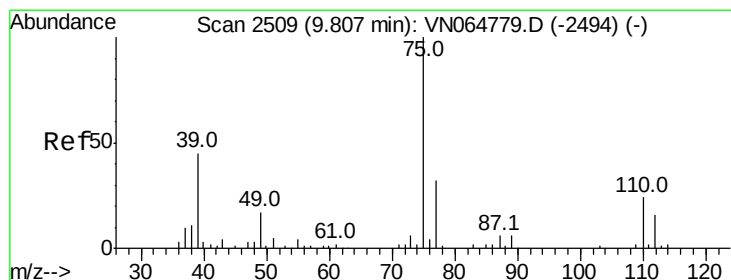
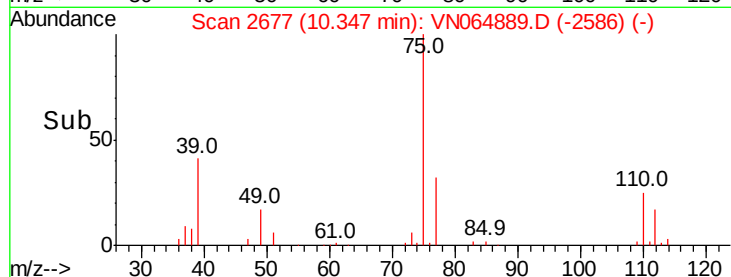
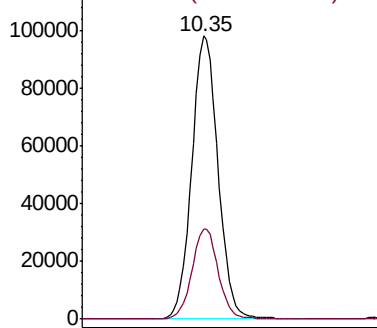
75 100

77 31.8 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 52.794 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

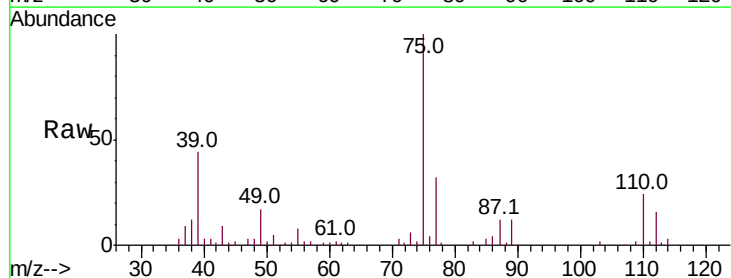
Tgt Ion: 75 Resp: 191462

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

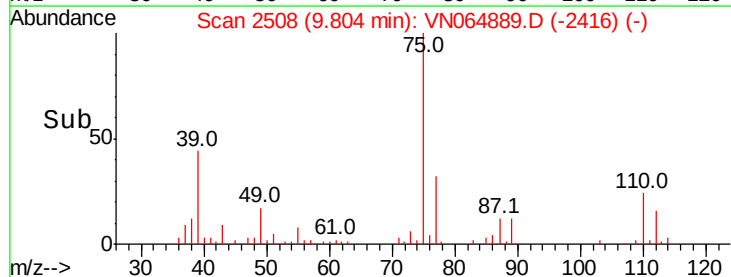
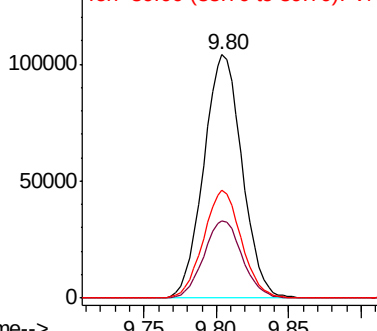
39 44.2 35.6 53.4

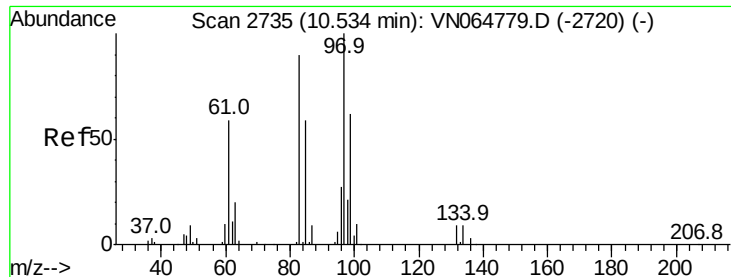


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



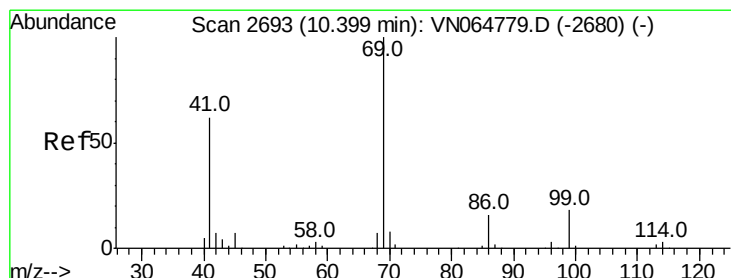
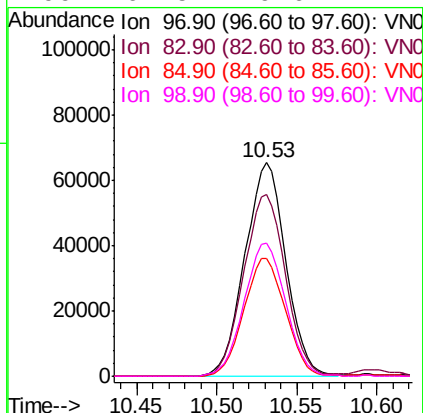
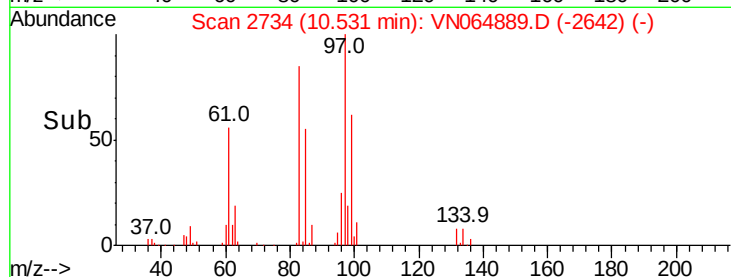
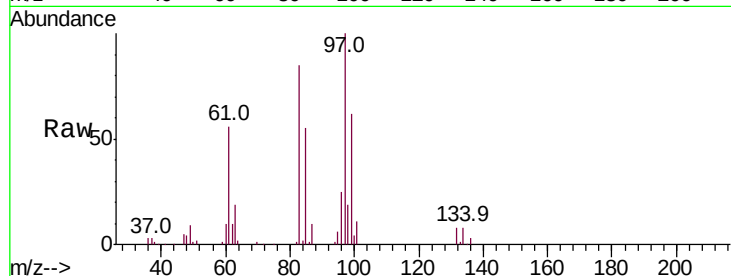


#55
 1,1,2-Trichloroethane
 Concen: 51.951 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 114804

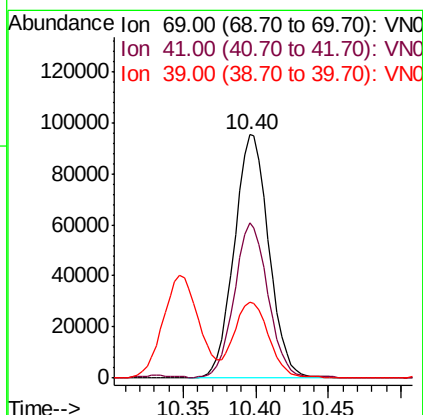
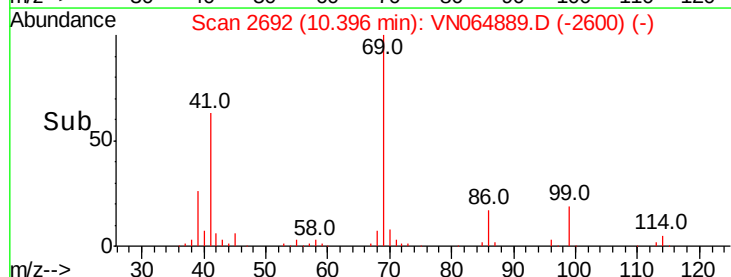
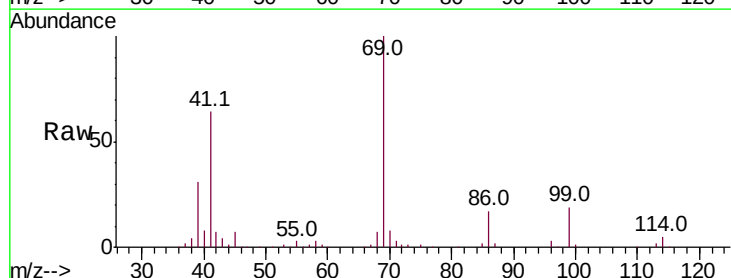
Ion	Ratio	Lower	Upper
97	100		
83	85.0	72.1	108.1
85	55.3	46.8	70.2
99	62.5	49.6	74.4

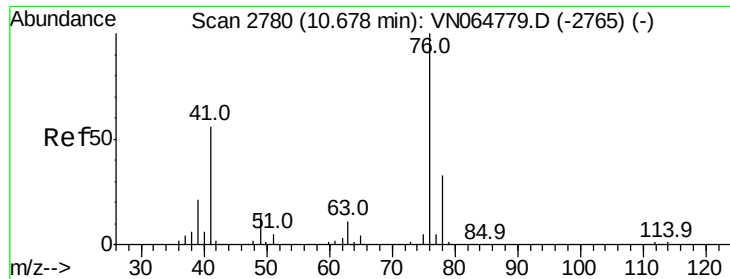


#56
 Ethyl methacrylate
 Concen: 51.732 ug/l
 RT: 10.40 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Tgt Ion: 69 Resp: 157757

Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.4	74.0
39	31.0	25.9	38.9

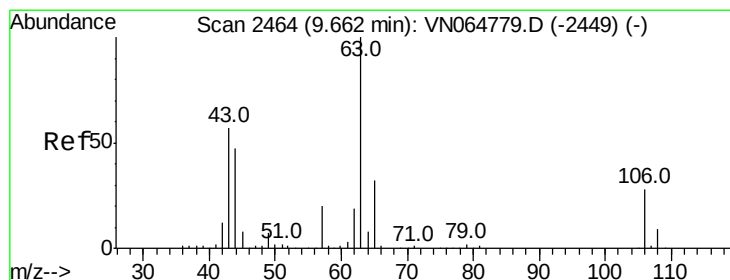
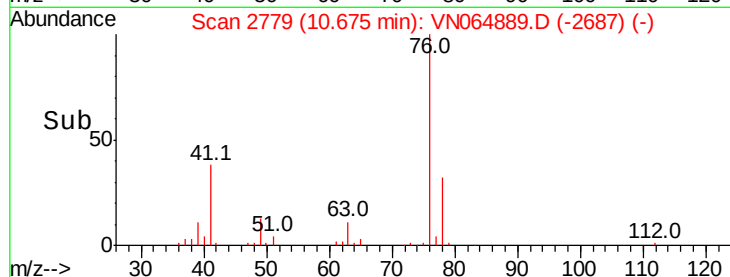
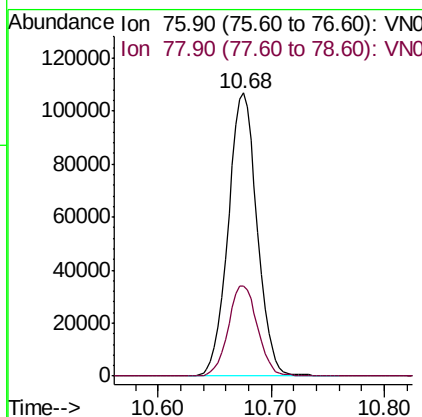
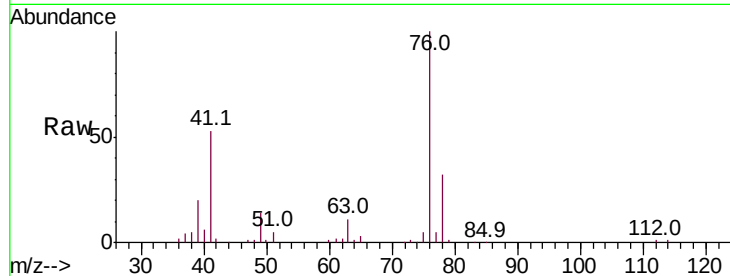




#57
 1,3-Dichloropropane
 Concen: 52.056 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

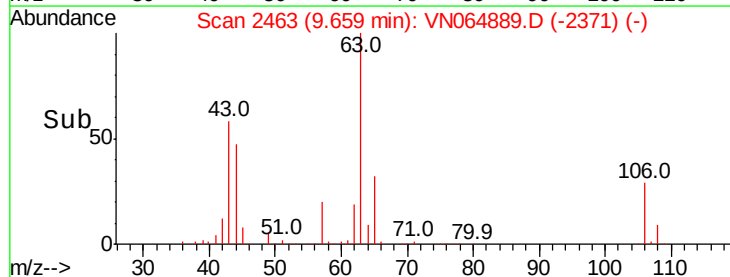
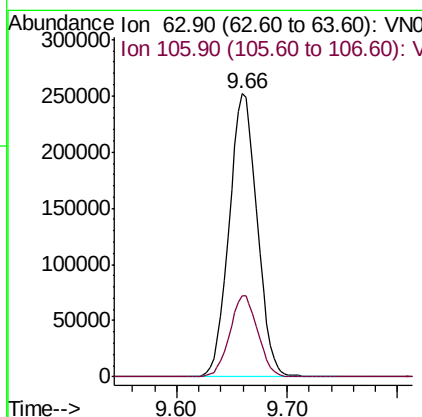
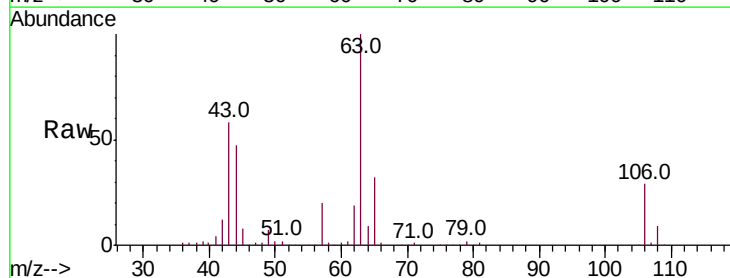
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

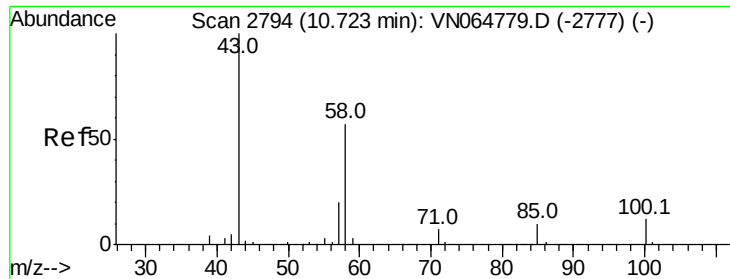
Tot Ion: 76 Resp: 189760
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.929 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Tgt Ion: 63 Resp: 444400
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.7 34.1

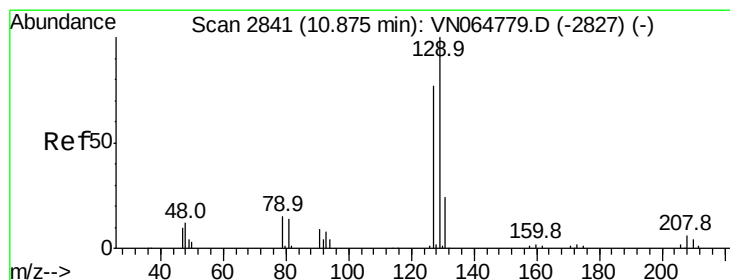
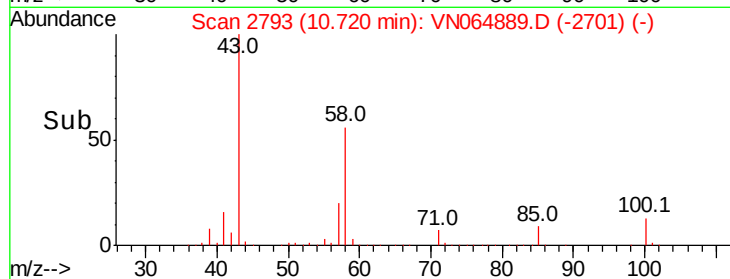
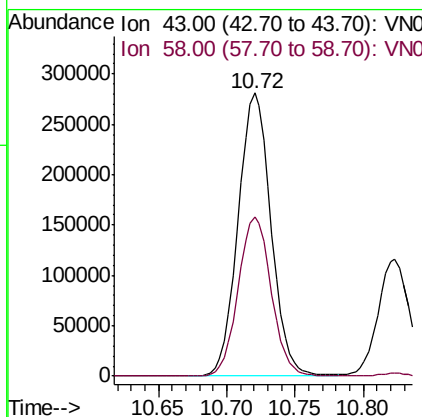
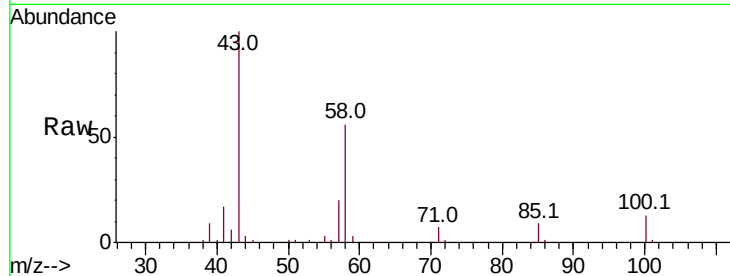




#59
2-Hexanone
Concen: 247.032 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

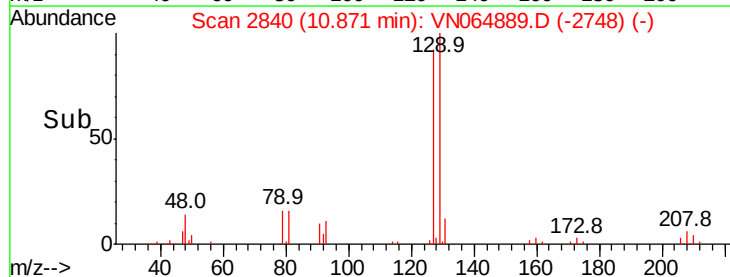
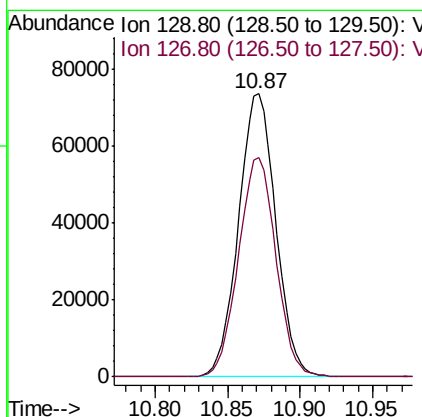
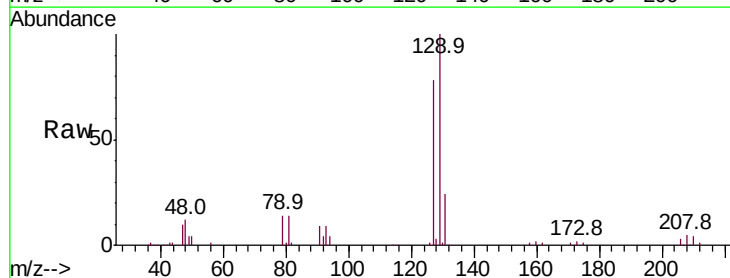
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

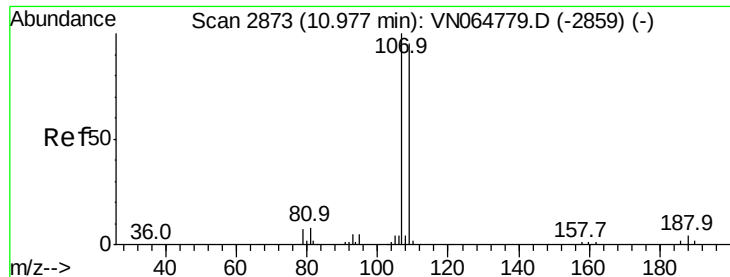
Tot Ion: 43 Resp: 471111
Ion Ratio Lower Upper
43 100
58 56.6 28.3 84.9



#60
Dibromochloromethane
Concen: 53.774 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion: 129 Resp: 132092
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.211 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

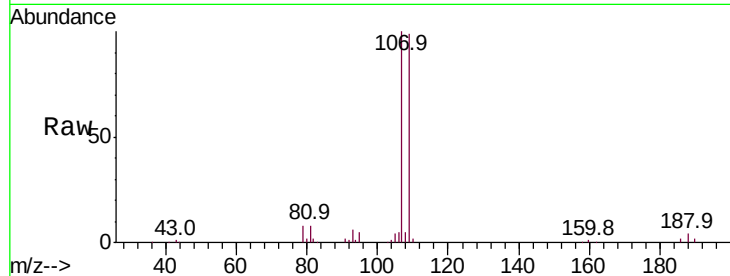
VSTDCCC050

Tot Ion:107 Resp: 114975

Ion Ratio Lower Upper

107 100

109 97.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.97

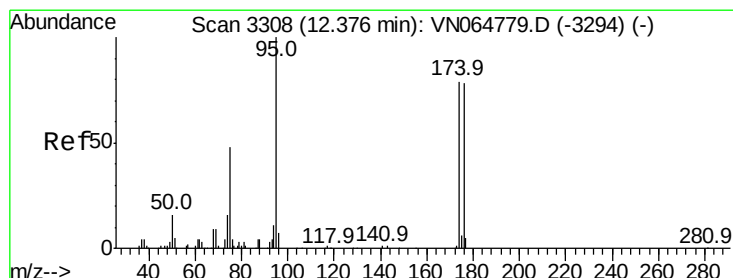
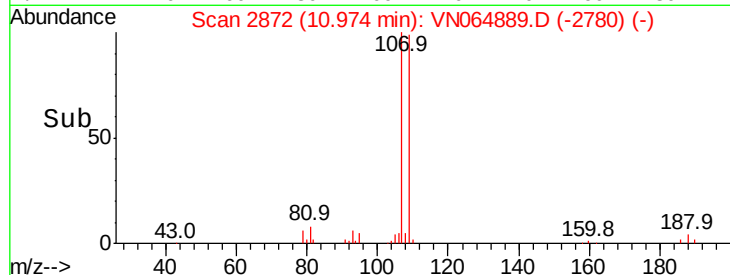
60000

40000

20000

0

Time--> 10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 52.918 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

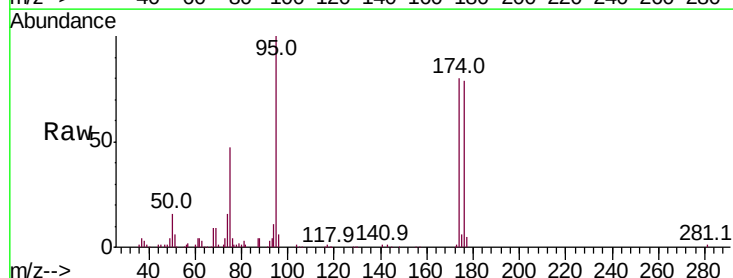
Tgt Ion: 95 Resp: 142252

Ion Ratio Lower Upper

95 100

174 81.6 0.0 160.4

176 78.9 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.37

120000

100000

80000

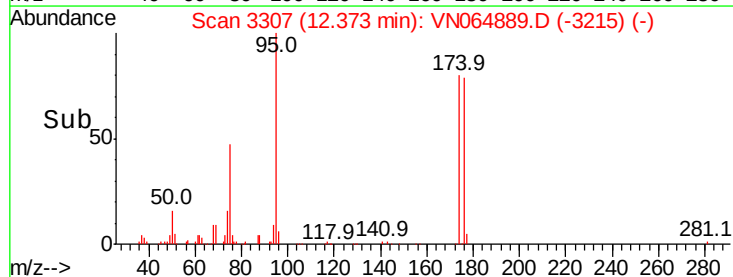
60000

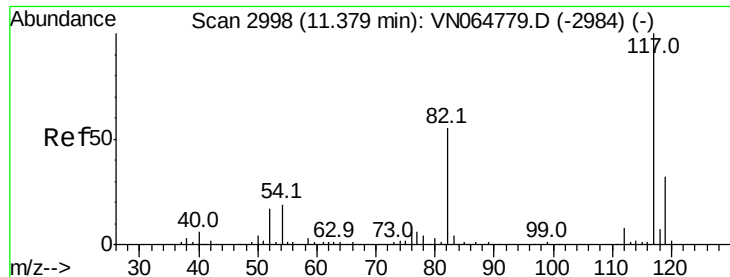
40000

20000

0

Time--> 12.30 12.35 12.40 12.45

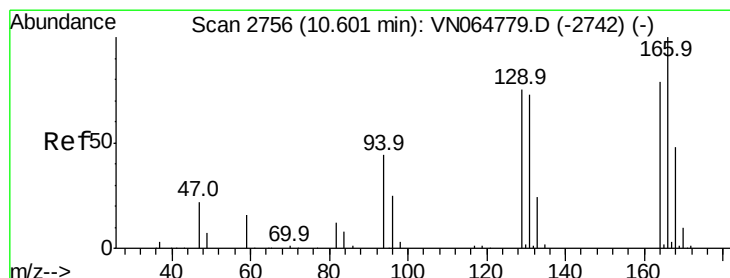
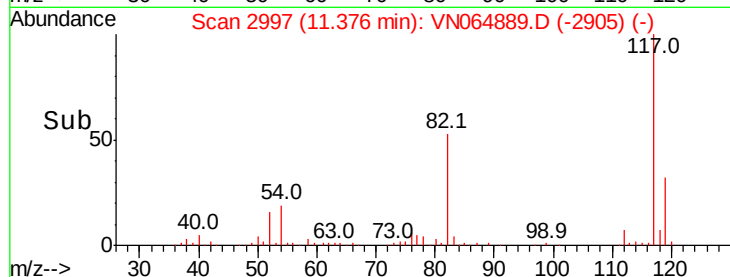
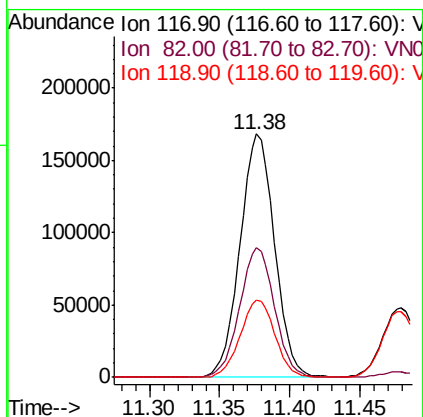
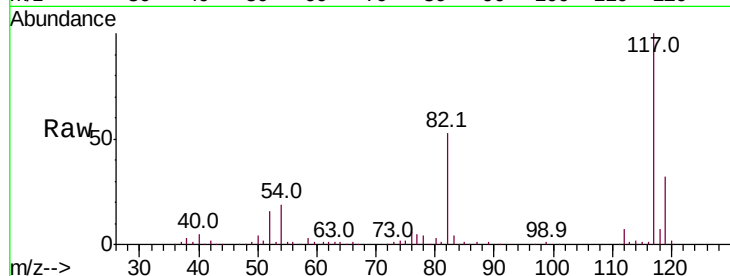




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

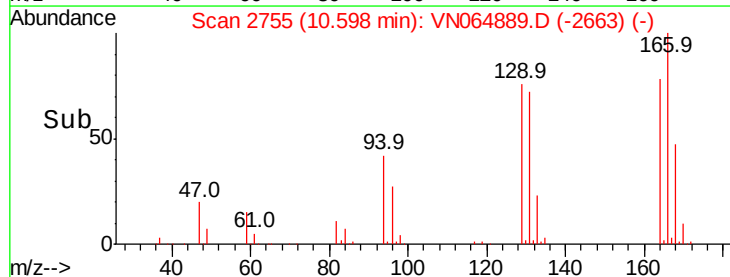
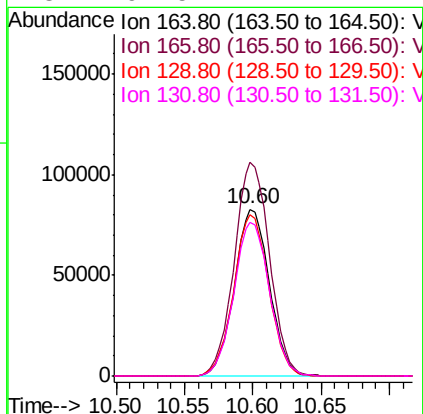
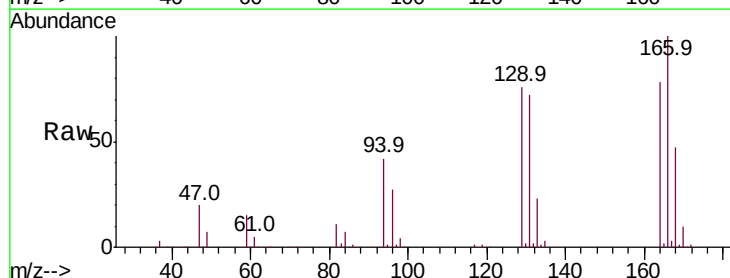
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

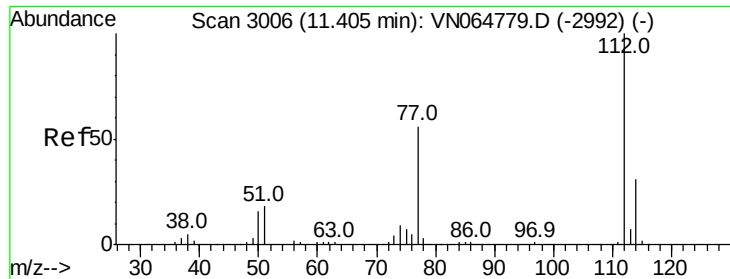
Tot Ion:117 Resp: 289492
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 52.280 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion:164 Resp: 147245
Ion Ratio Lower Upper
164 100
166 128.3 101.4 152.0
129 97.1 76.1 114.1
131 92.5 74.2 111.2

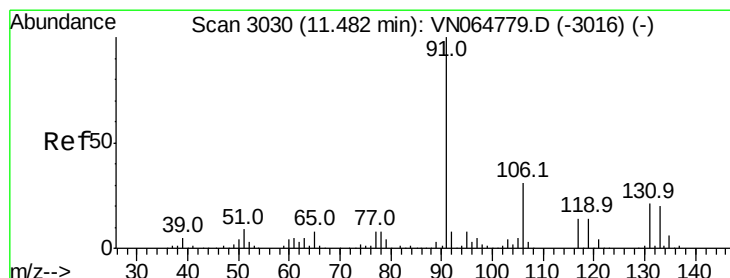
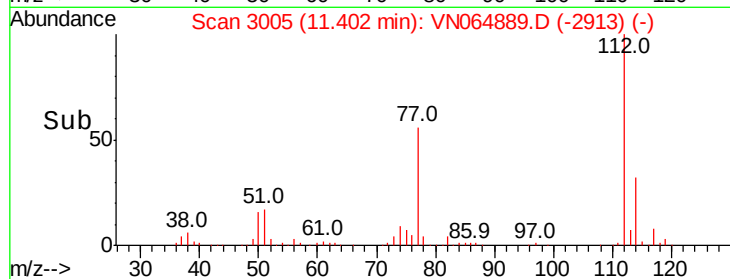
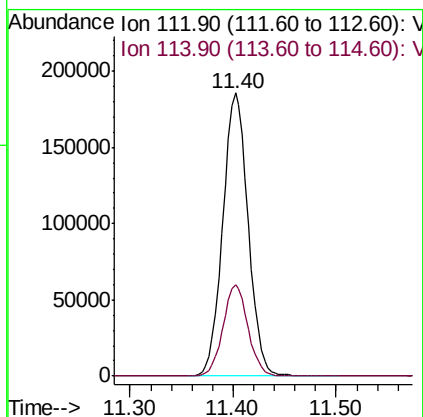
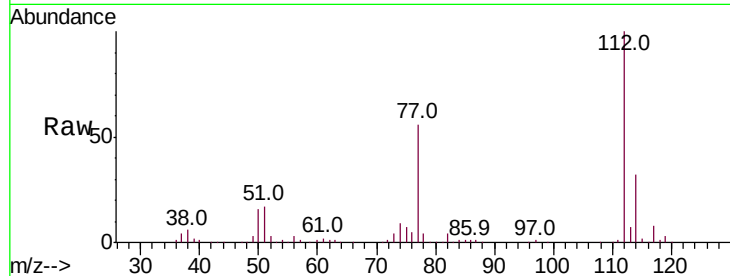




#65
Chlorobenzene
Concen: 51.102 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

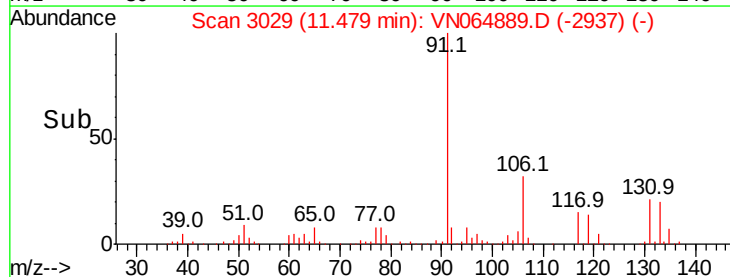
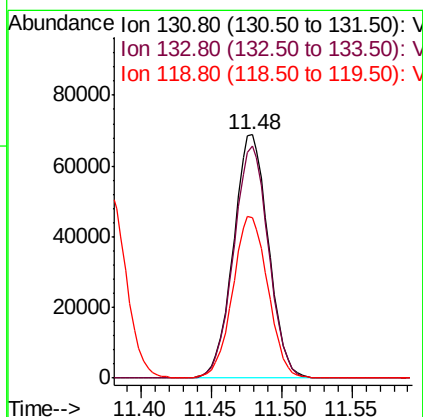
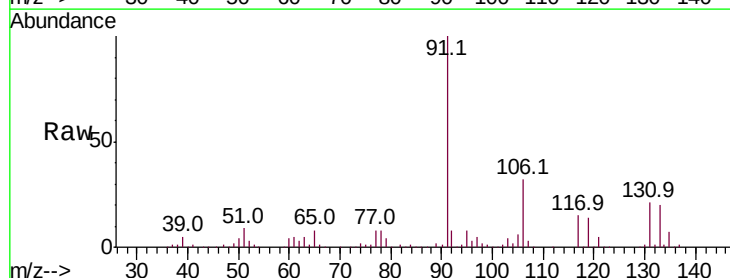
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

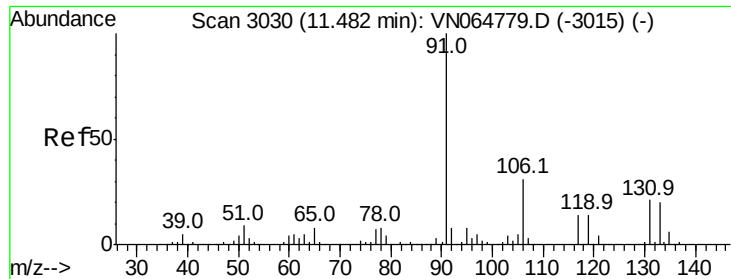
Tot Ion:112 Resp: 317689
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.479 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion:131 Resp: 119898
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 66.9 33.3 99.8

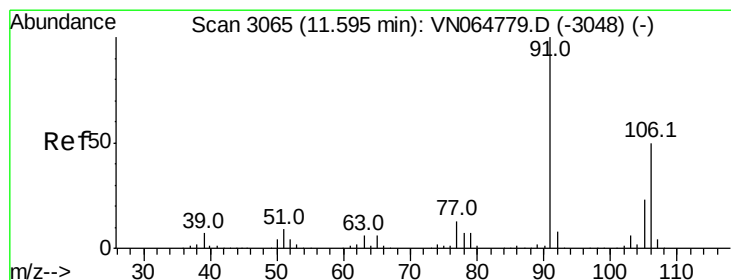
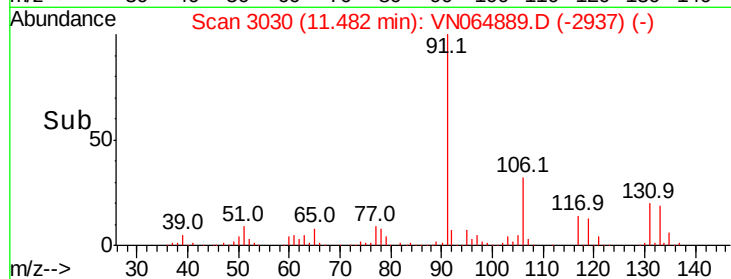
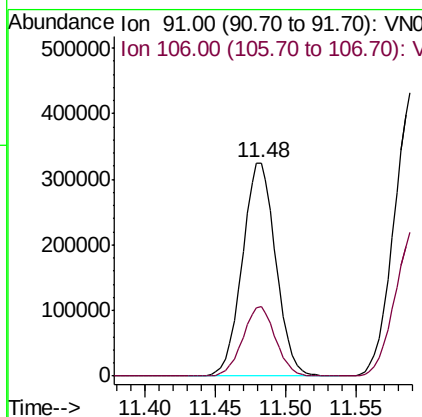
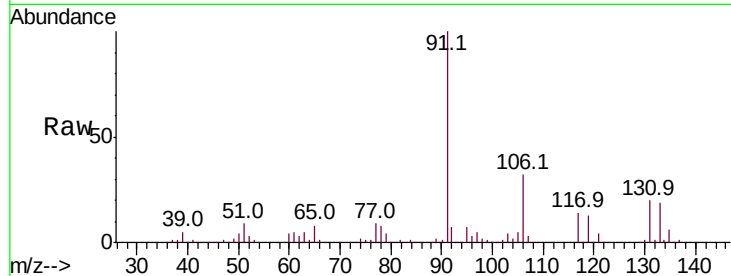




#67
Ethyl Benzene
Concen: 51.950 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

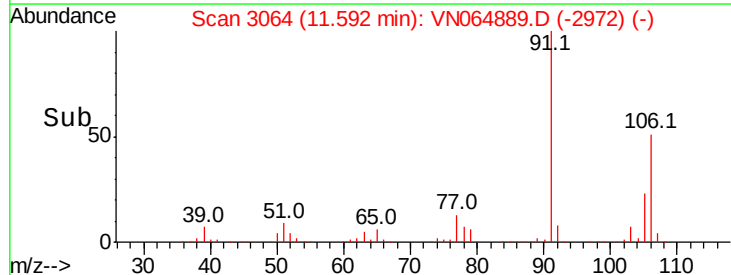
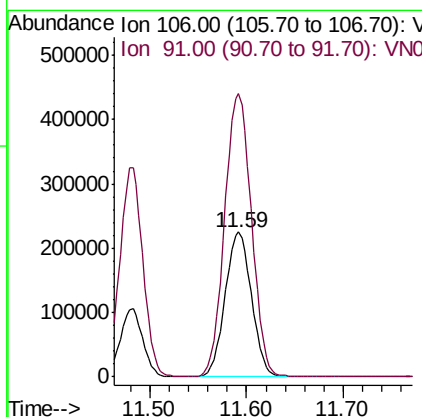
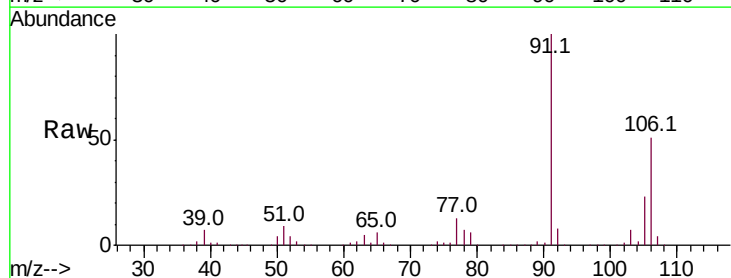
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

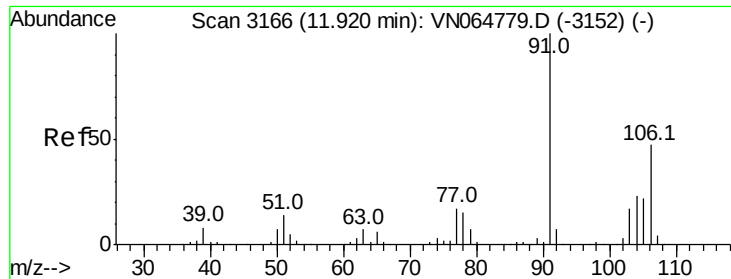
Tot Ion: 91 Resp: 539533
Ion Ratio Lower Upper
91 100
106 32.4 25.2 37.8



#68
m/p-Xylenes
Concen: 108.412 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion: 106 Resp: 426280
Ion Ratio Lower Upper
106 100
91 199.0 161.0 241.4

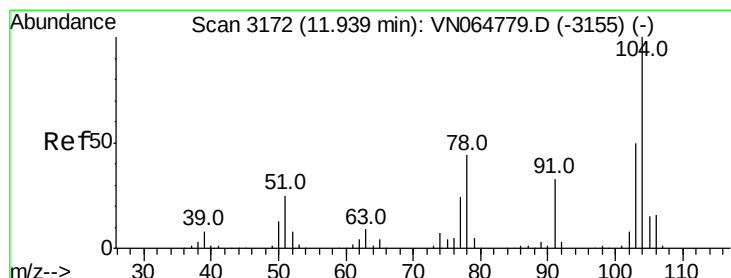
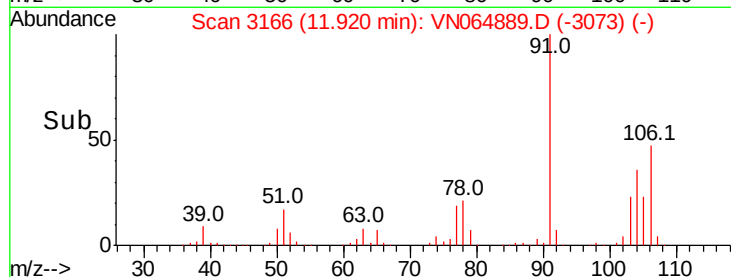
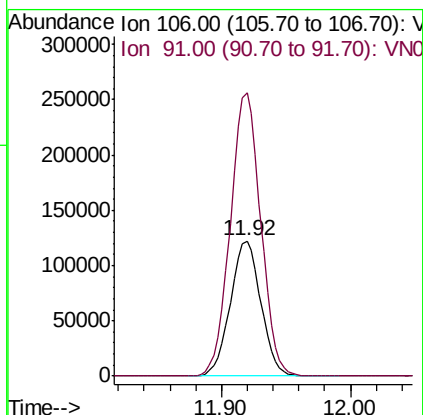
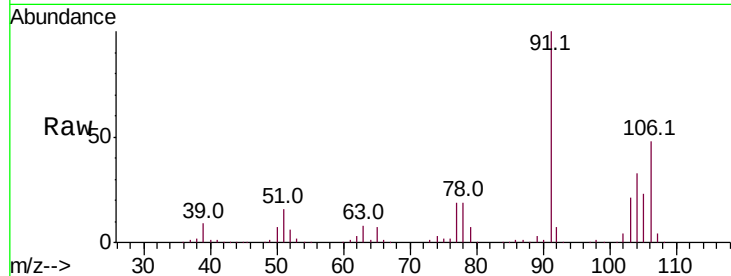




#69
o-Xylene
Concen: 53.780 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

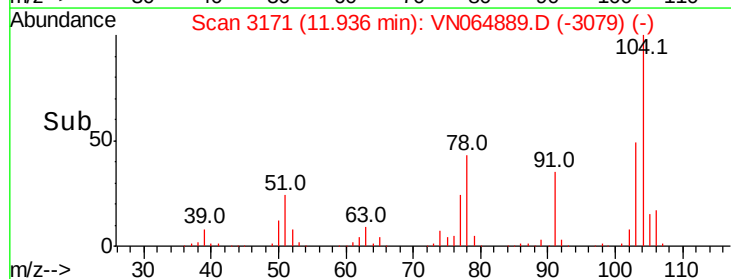
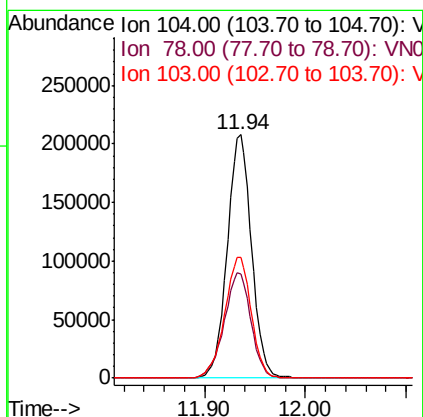
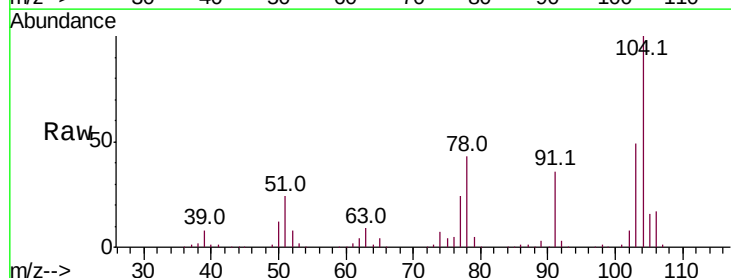
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

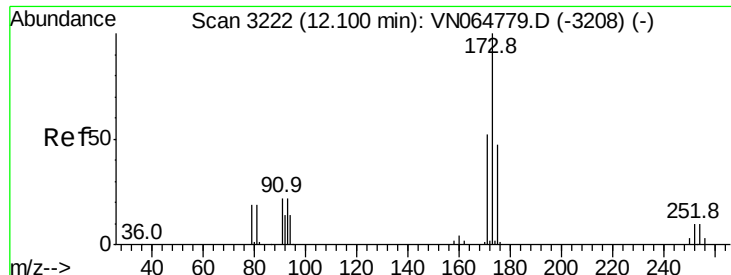
Tot Ion:106 Resp: 200670
Ion Ratio Lower Upper
106 100
91 209.1 105.5 316.5



#70
Styrene
Concen: 55.518 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion:104 Resp: 349710
Ion Ratio Lower Upper
104 100
78 47.4 39.0 58.6
103 54.3 44.3 66.5





#71

Bromoform

Concen: 49.949 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

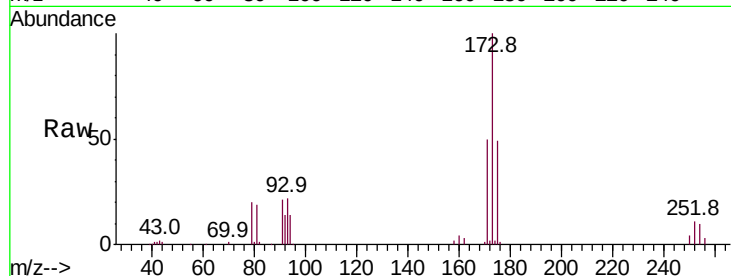
Tot Ion:173 Resp: 91145

Ion Ratio Lower Upper

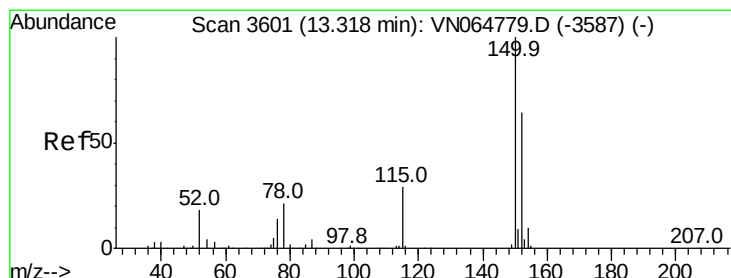
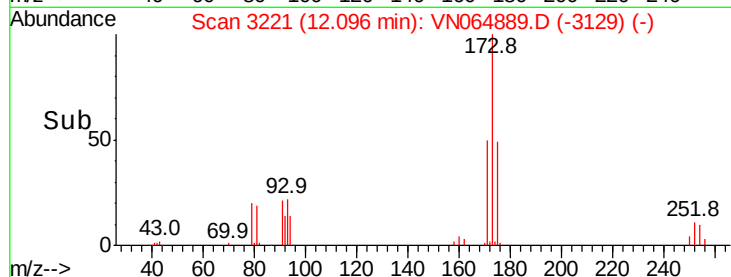
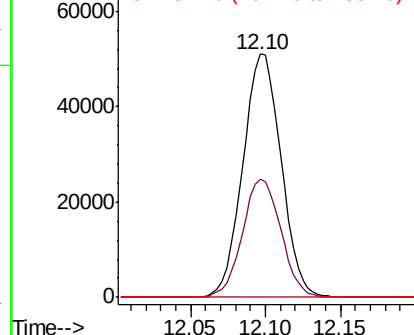
173 100

175 48.6 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

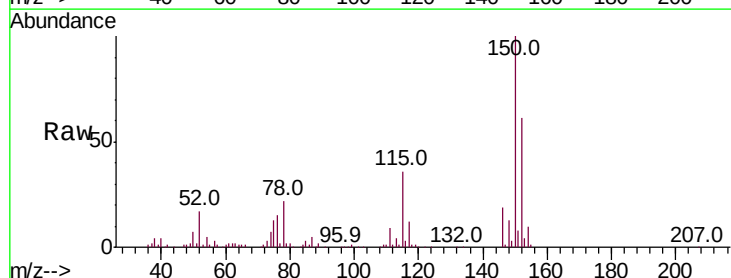
Tgt Ion:152 Resp: 146976

Ion Ratio Lower Upper

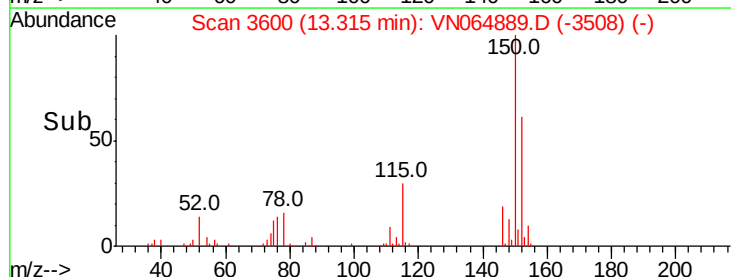
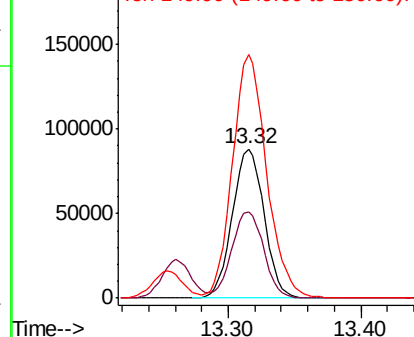
152 100

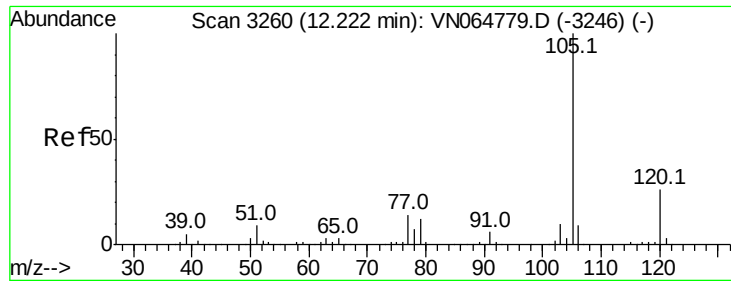
115 58.3 29.7 89.1

150 175.1 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.385 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

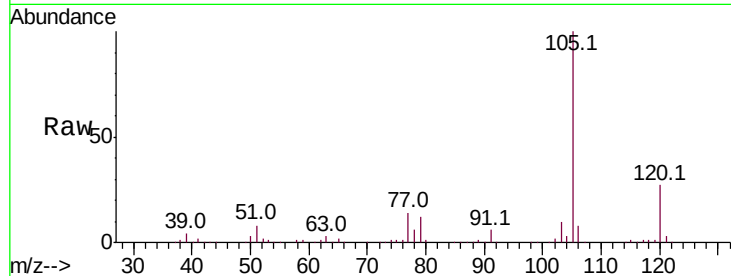
VSTDCCC050

Tot Ion:105 Resp: 535542

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

300000

200000

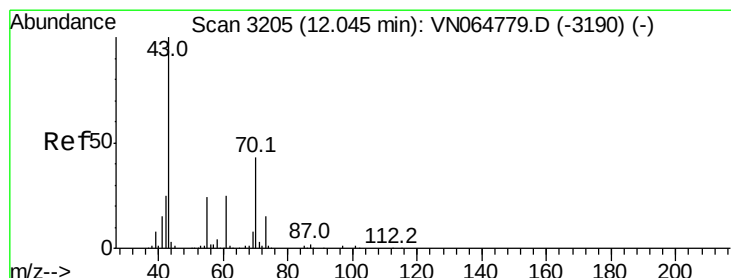
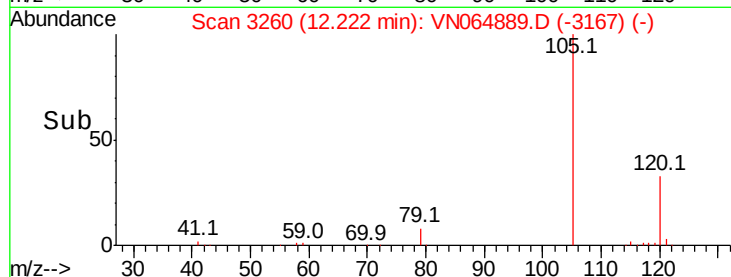
100000

0

Time-->

12.20

12.30



#74

N-ethyl acetate

Concen: 46.441 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Tgt Ion: 43 Resp: 186844

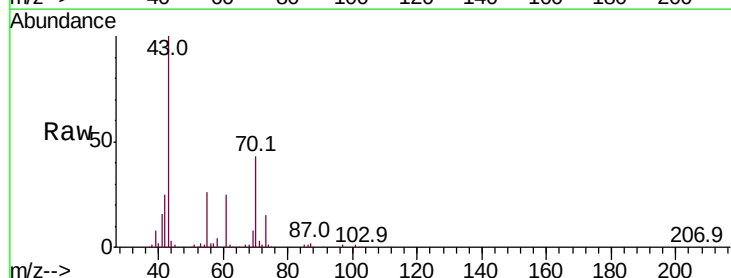
Ion Ratio Lower Upper

43 100

70 44.7 34.5 51.7

55 26.7 20.4 30.6

61 25.4 20.0 30.0



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

12.04

150000

100000

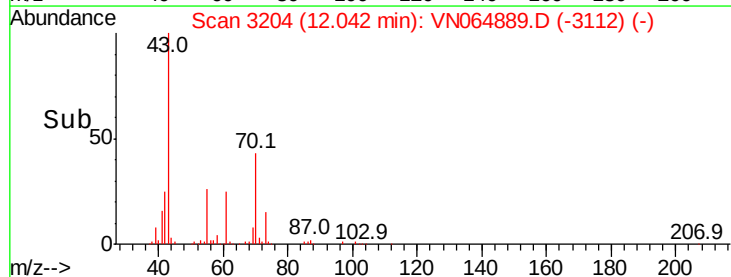
50000

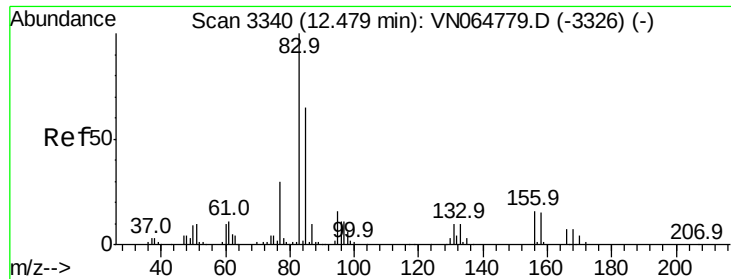
0

Time-->

12.00

12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 46.149 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

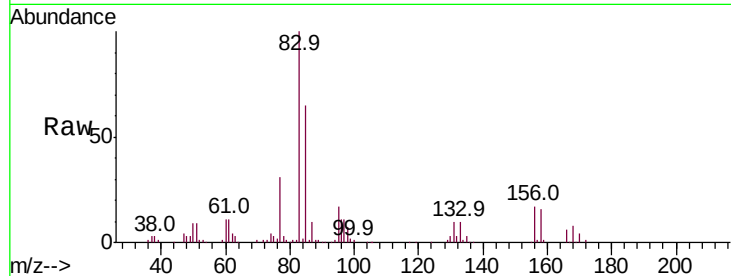
Tot Ion: 83 Resp: 138283

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

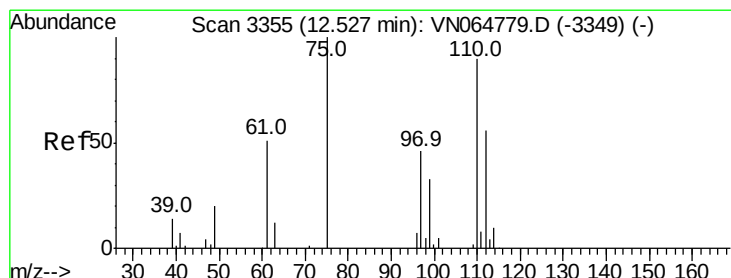
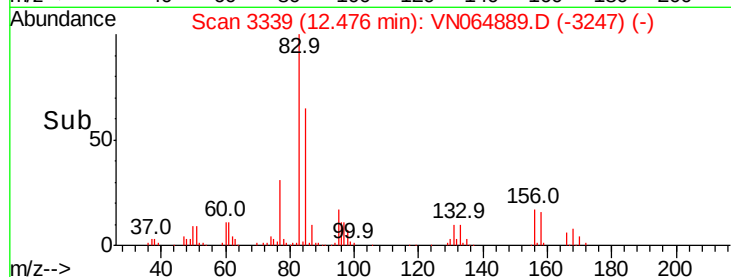
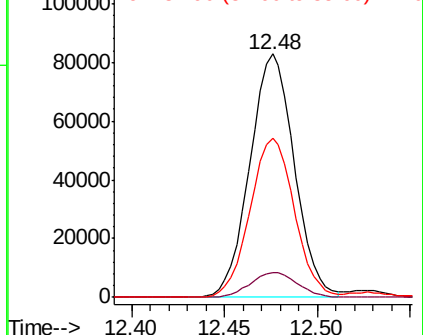
85 65.1 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 65.450 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064889.D

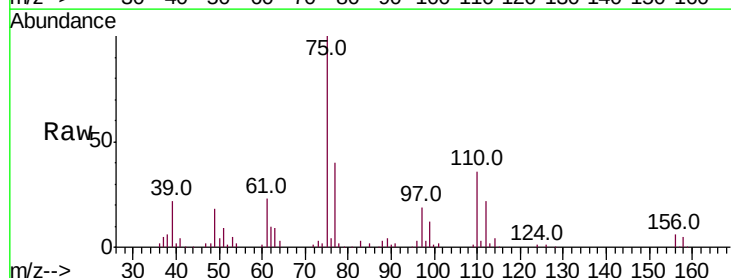
Acq: 3 Dec 2020 10:23

Tgt Ion: 75 Resp: 207167

Ion Ratio Lower Upper

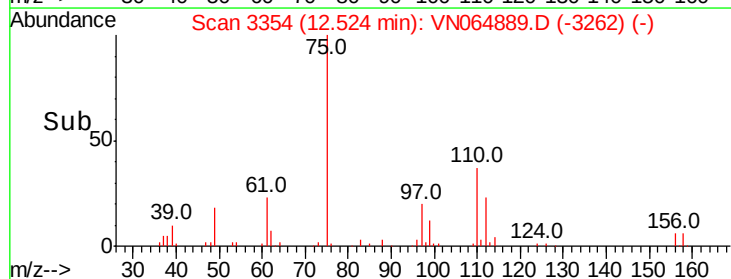
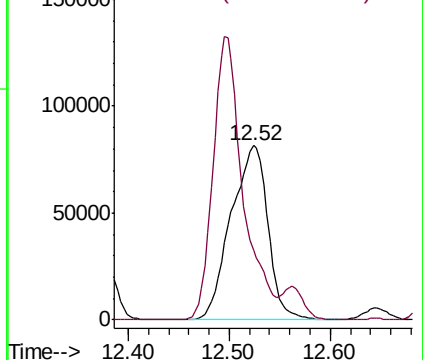
75 100

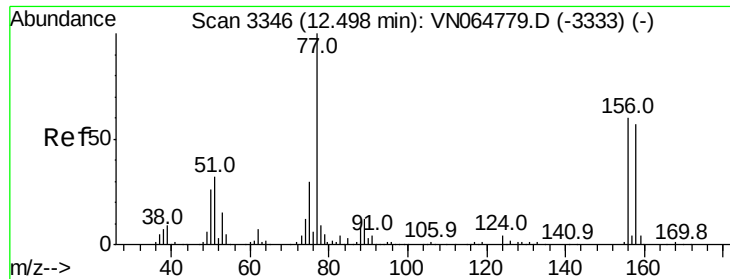
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 50.511 ug/l

RT: 12.50 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

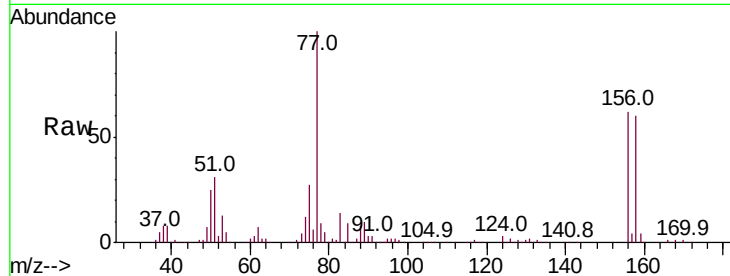
Tot Ion:156 Resp: 139217

Ion Ratio Lower Upper

156 100

77 196.2 101.3 303.7

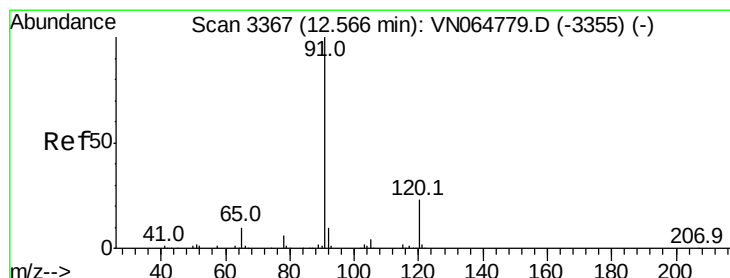
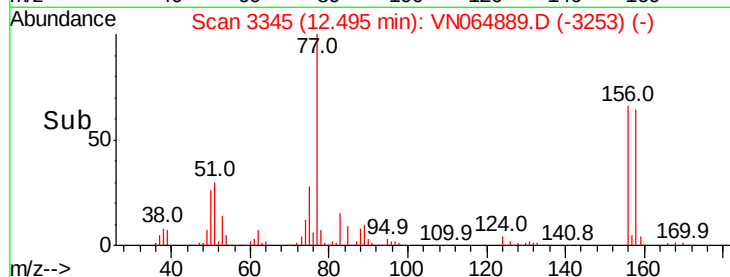
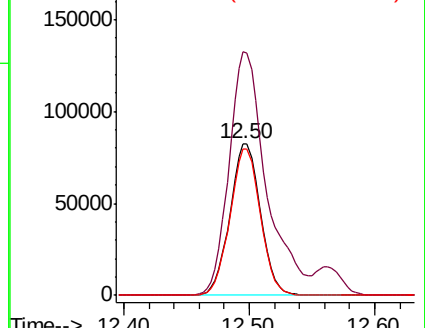
158 96.3 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.145 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064889.D

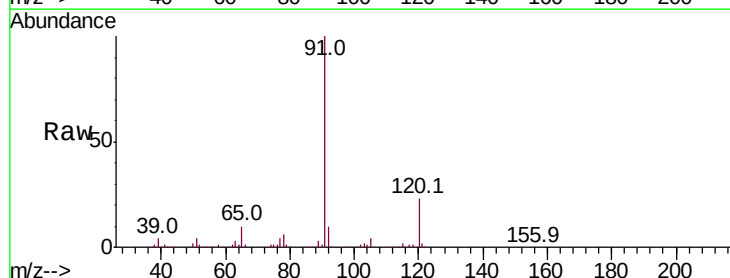
Acq: 3 Dec 2020 10:23

Tgt Ion: 91 Resp: 618938

Ion Ratio Lower Upper

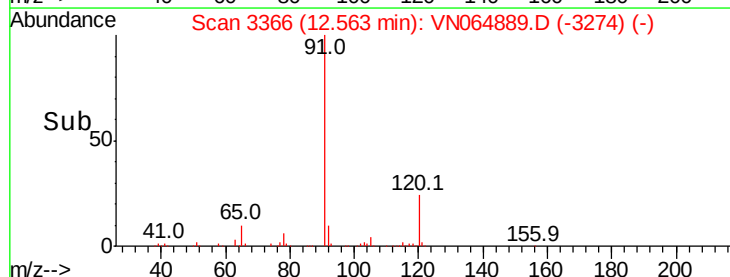
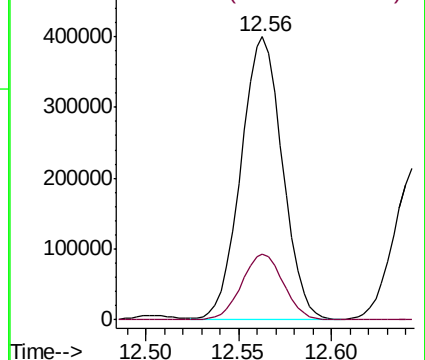
91 100

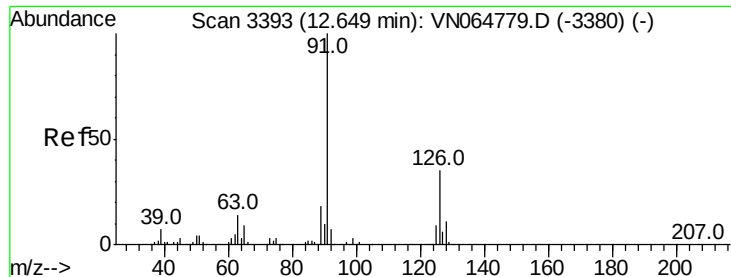
120 23.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.329 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

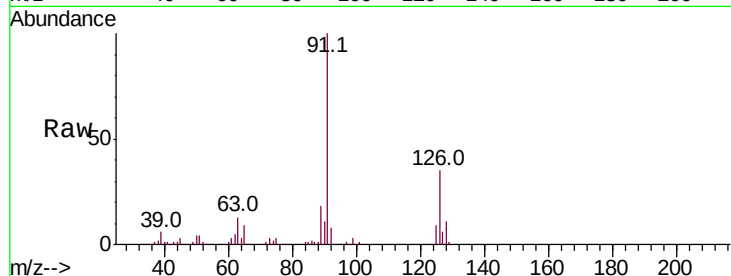
VSTDCCC050

Tot Ion: 91 Resp: 362320

Ion Ratio Lower Upper

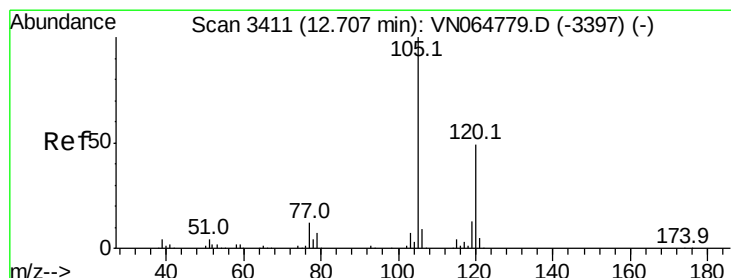
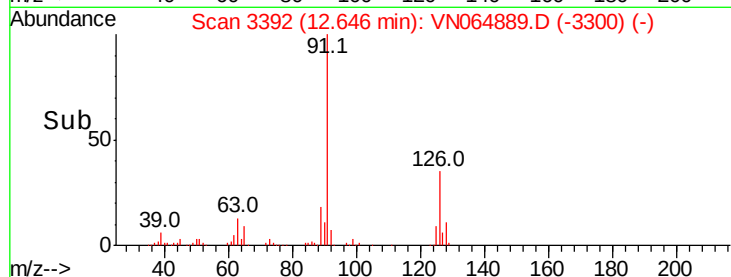
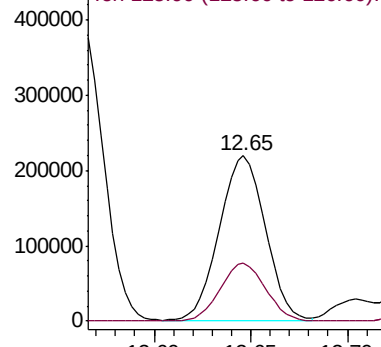
91 100

126 35.1 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.043 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064889.D

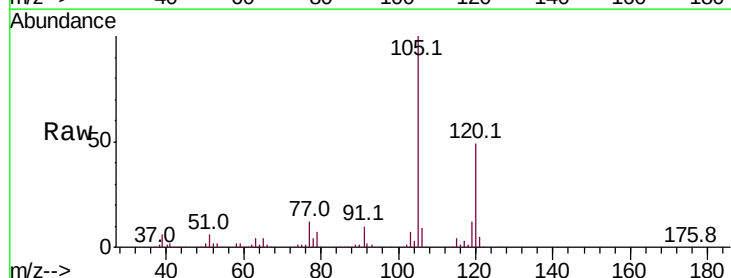
Acq: 3 Dec 2020 10:23

Tgt Ion:105 Resp: 467727

Ion Ratio Lower Upper

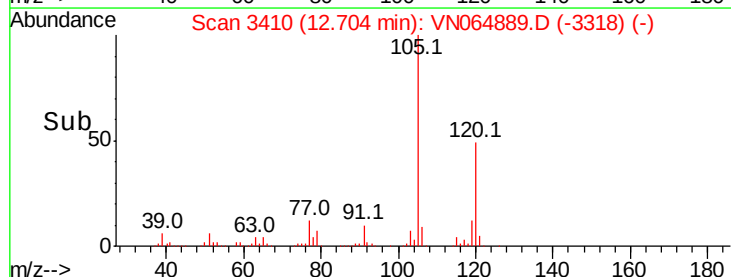
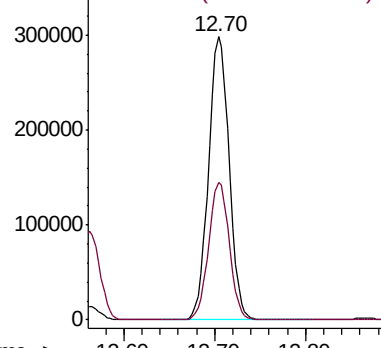
105 100

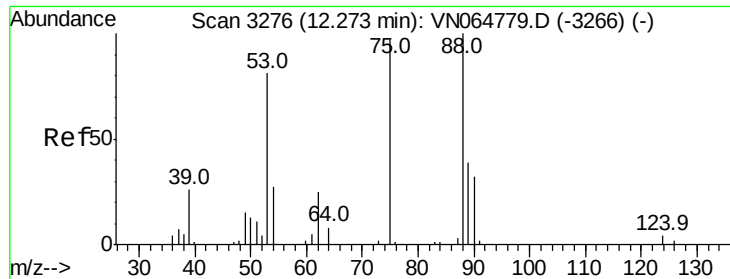
120 48.9 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

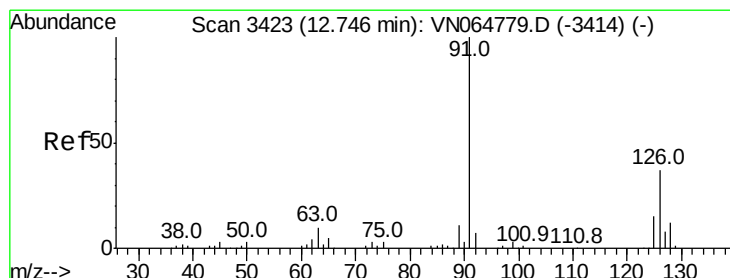
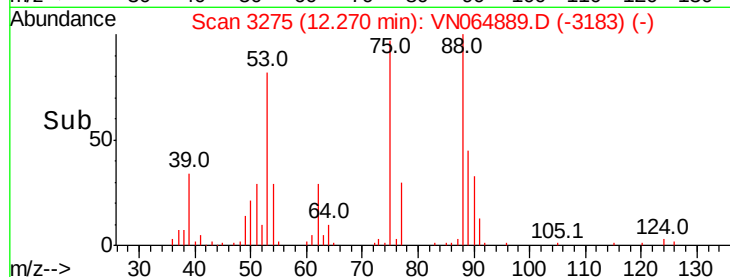
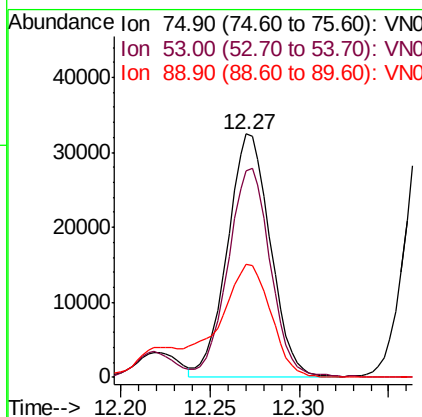
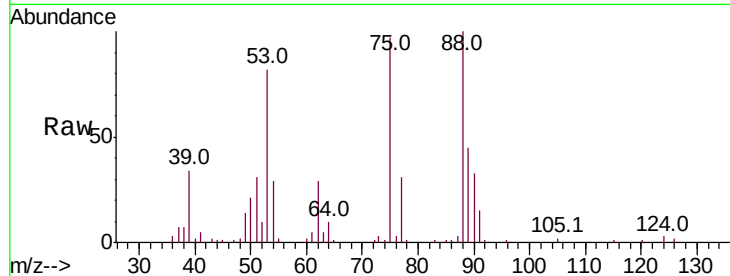




#81
trans-1,4-Dichloro-2-butene
Concen: 46.959 ug/l
RT: 12.27 min Scan# 3275
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

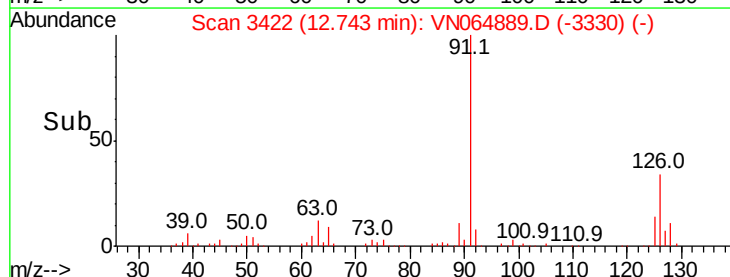
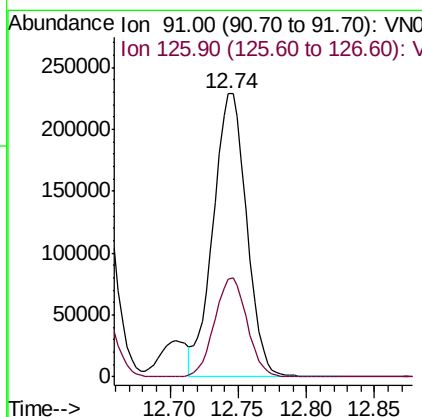
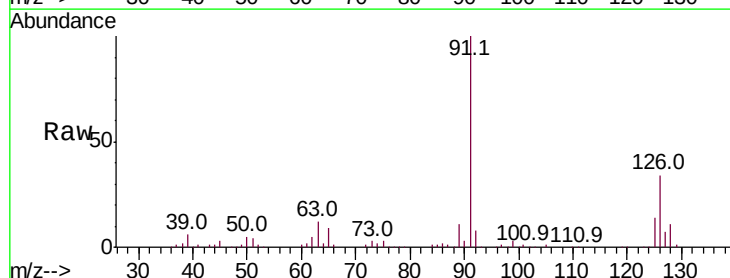
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

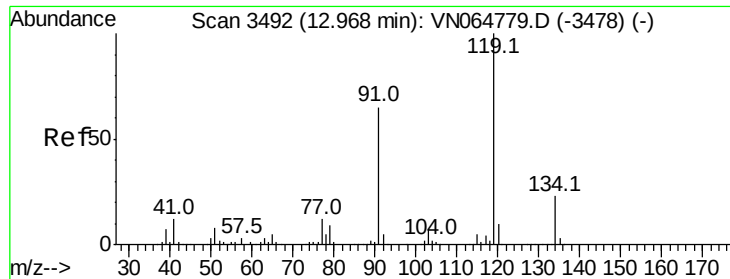
Tot Ion: 75 Resp: 54232
Ion Ratio Lower Upper
75 100
53 85.1 67.0 100.4
89 54.5 39.6 59.4



#82
4-Chlorotoluene
Concen: 51.488 ug/l
RT: 12.74 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion: 91 Resp: 388525
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7

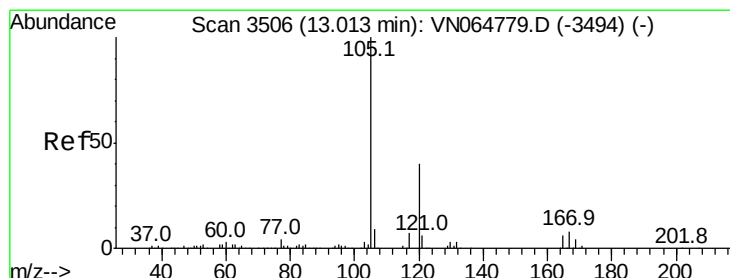
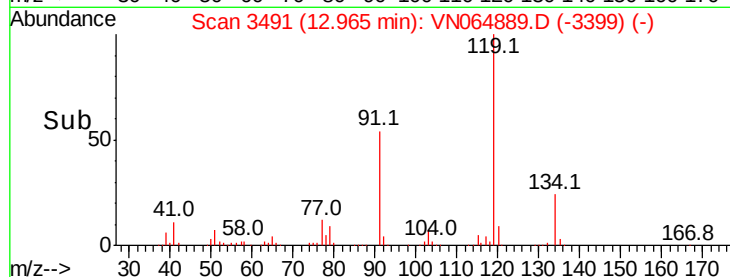
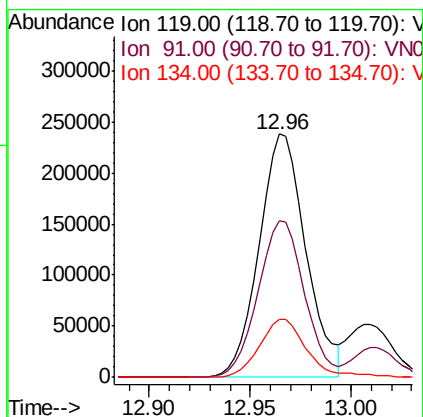
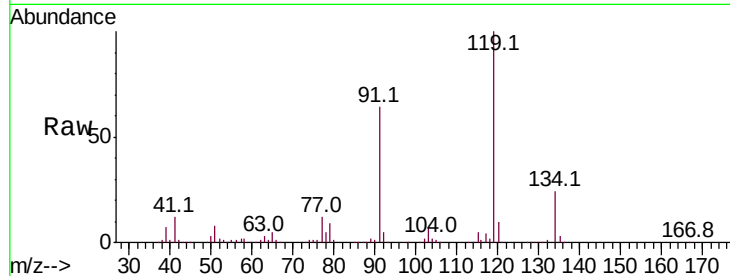




#83
 tert-Butylbenzene
 Concen: 54.125 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

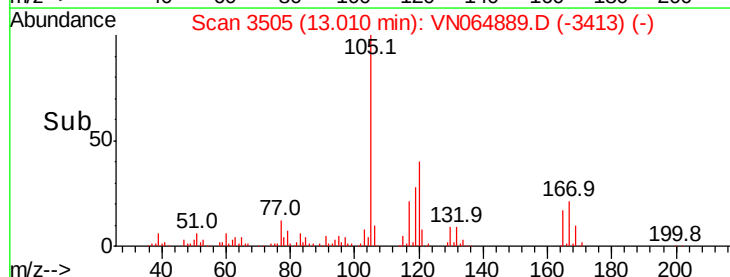
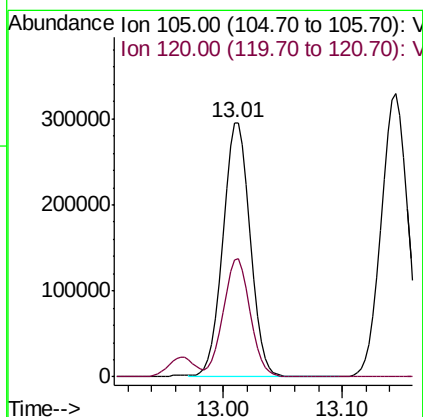
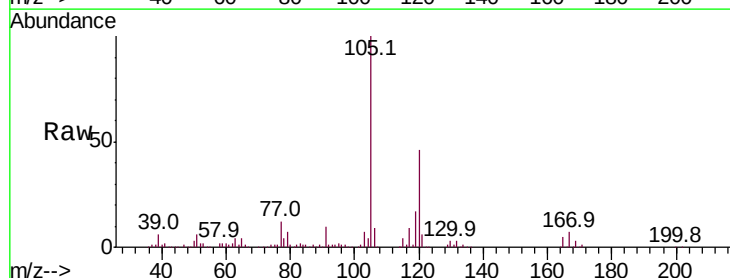
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

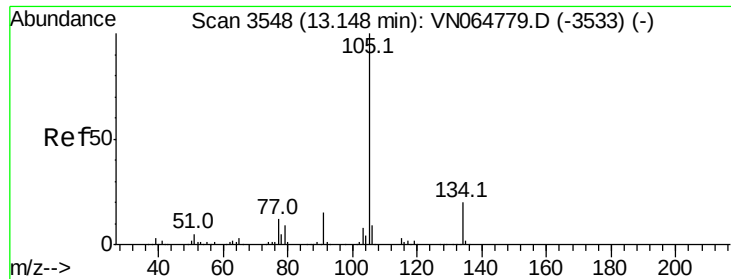
Tot Ion:119 Resp: 385511
 Ion Ratio Lower Upper
 119 100
 91 63.7 32.3 96.8
 134 24.3 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 54.441 ug/l
 RT: 13.01 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Tgt Ion:105 Resp: 467732
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 54.587 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

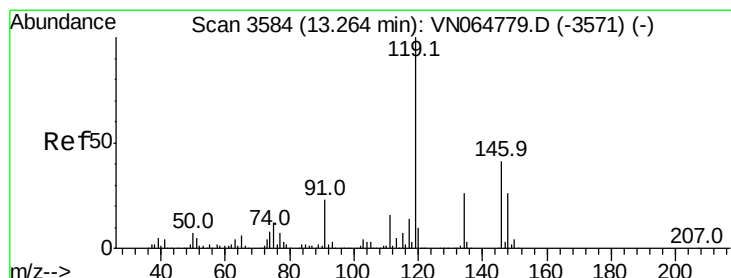
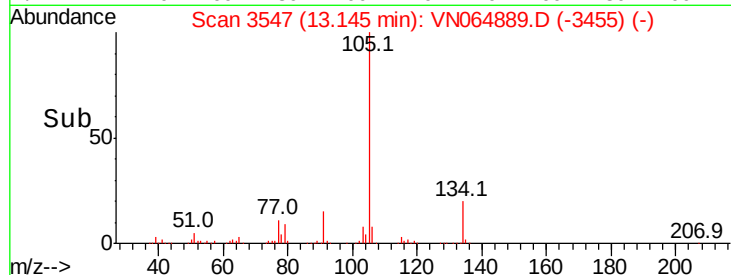
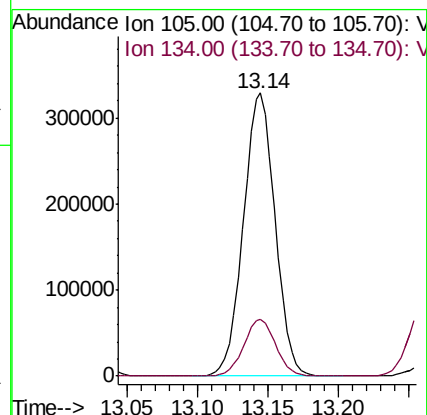
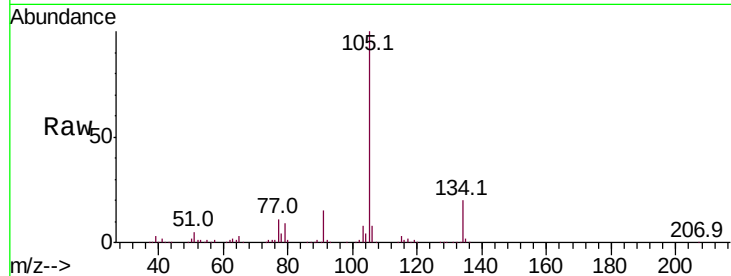
VSTDCCC050

Tot Ion:105 Resp: 516220

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 56.455 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

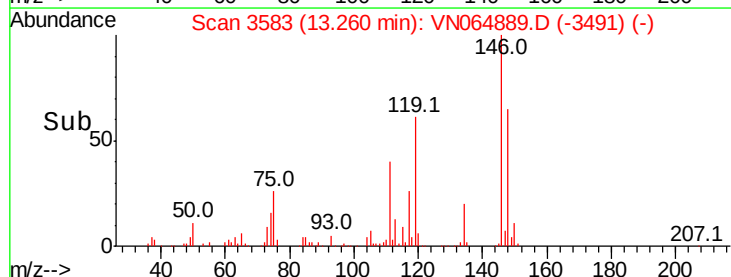
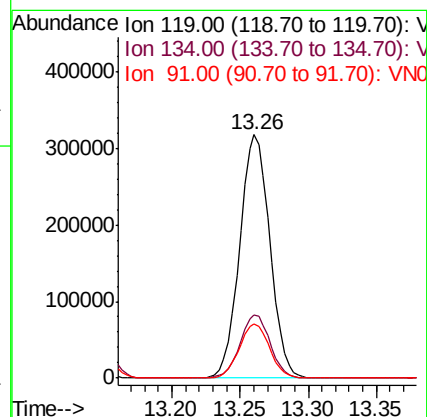
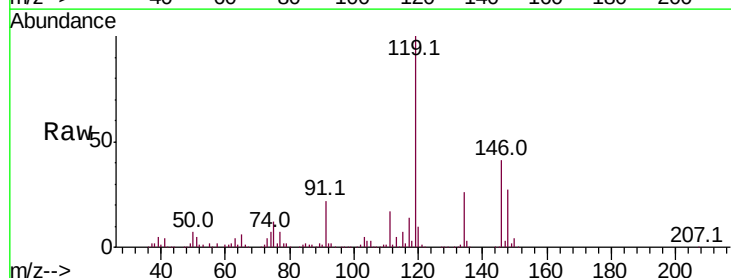
Tgt Ion:119 Resp: 486067

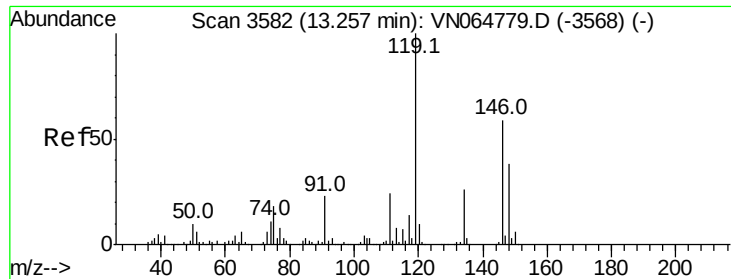
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.6 11.5 34.5

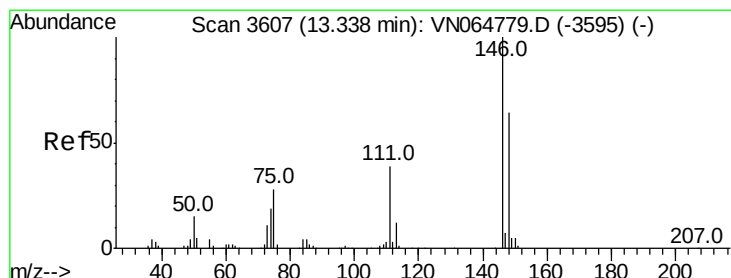
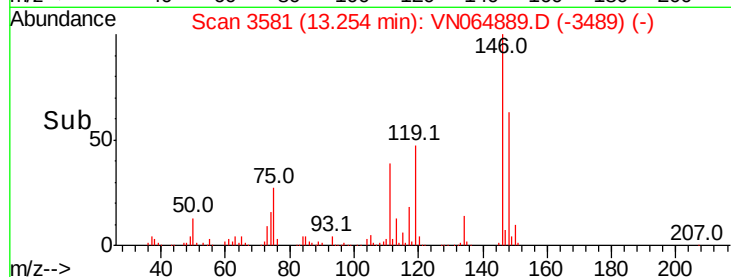
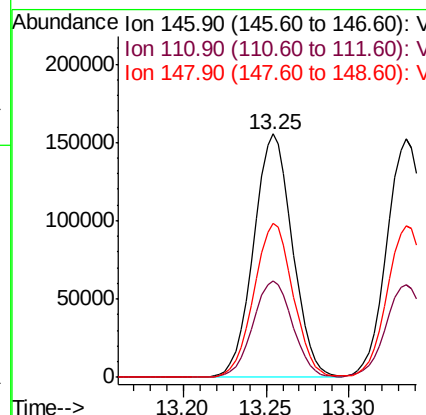
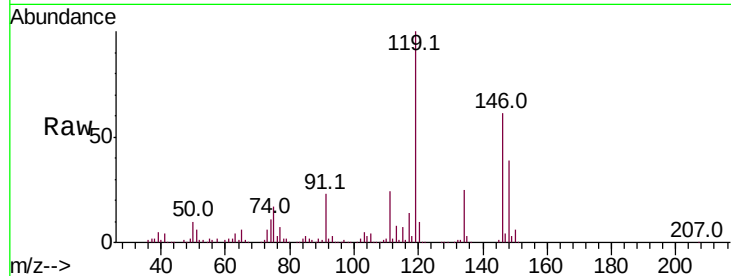




#87
 1,3-Dichlorobenzene
 Concen: 51.589 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

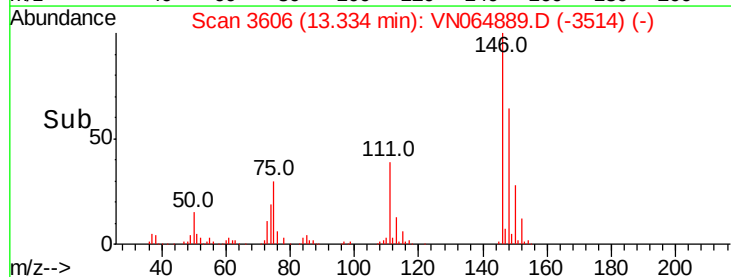
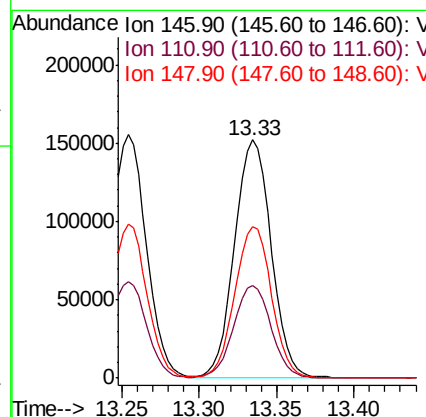
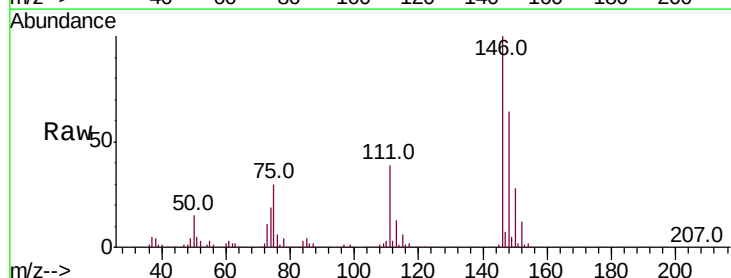
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

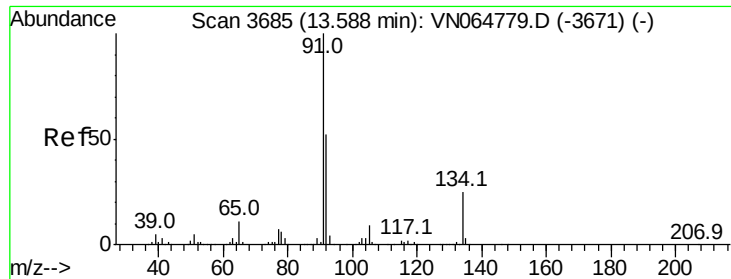
Tot Ion:146 Resp: 252622
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.9
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.152 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Tgt Ion:146 Resp: 249360
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.3
 148 63.6 31.9 95.5

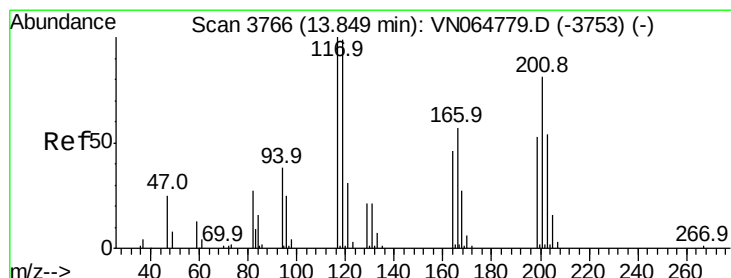
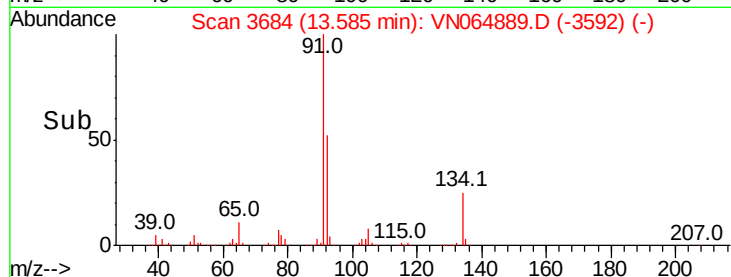
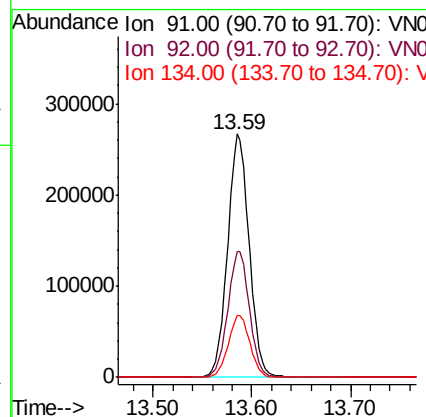
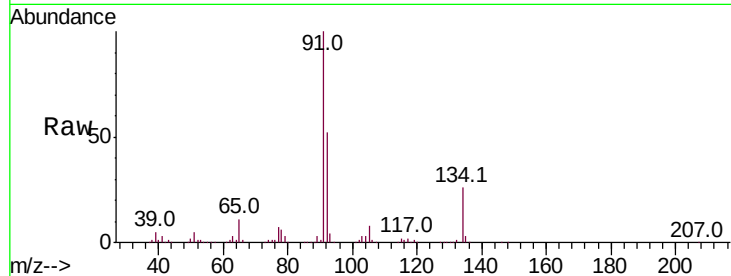




#89
n-Butylbenzene
Concen: 54.269 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

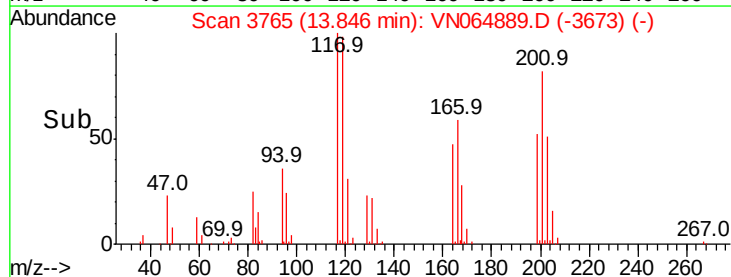
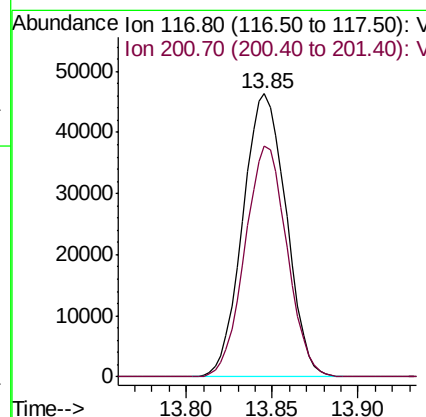
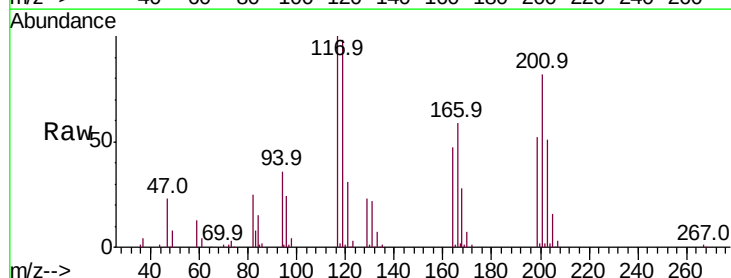
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

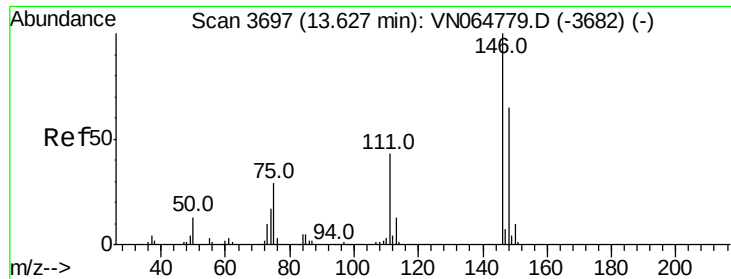
Tot Ion: 91 Resp: 410331
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 25.7 12.9 38.6



#90
Hexachloroethane
Concen: 54.275 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064889.D
Acq: 3 Dec 2020 10:23

Tgt Ion: 117 Resp: 81178
Ion Ratio Lower Upper
117 100
201 79.3 40.1 120.3

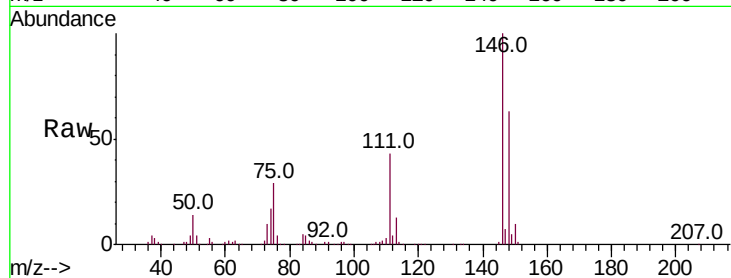




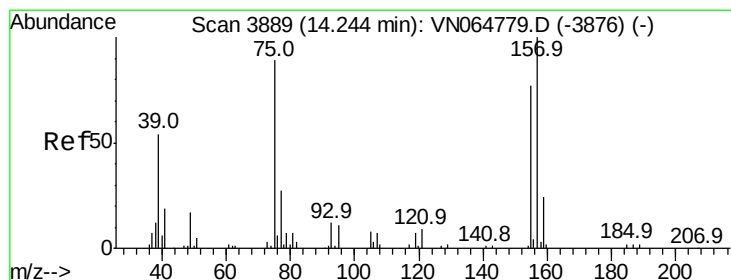
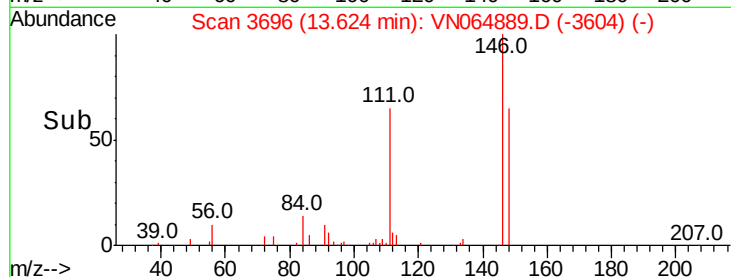
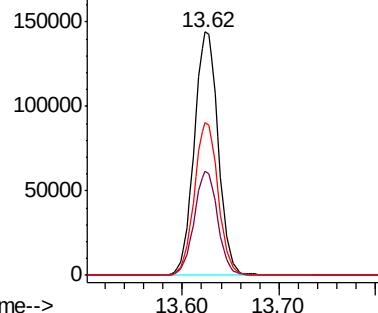
#91
 1,2-Dichlorobenzene
 Concen: 51.488 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 247560
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.1
 148 62.4 32.0 96.2

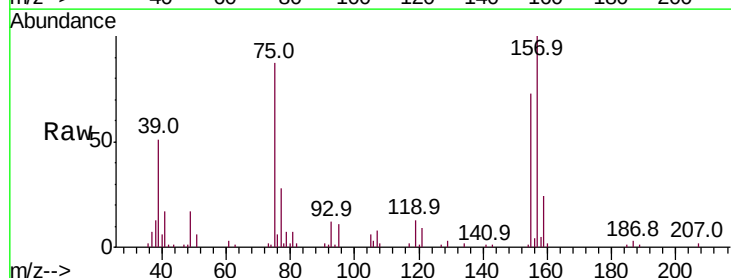


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

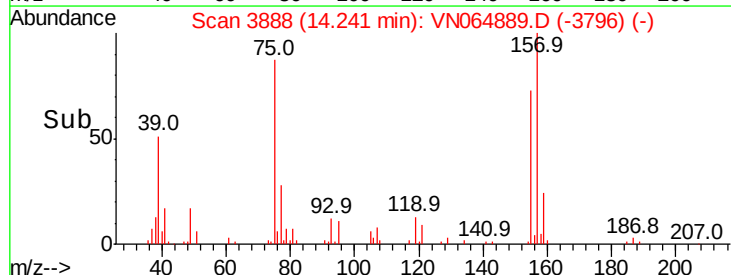
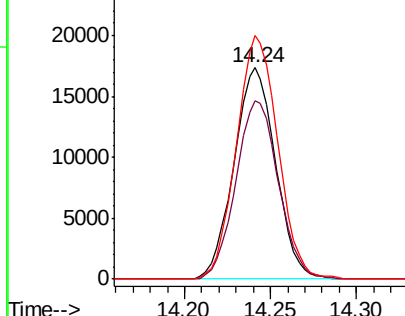


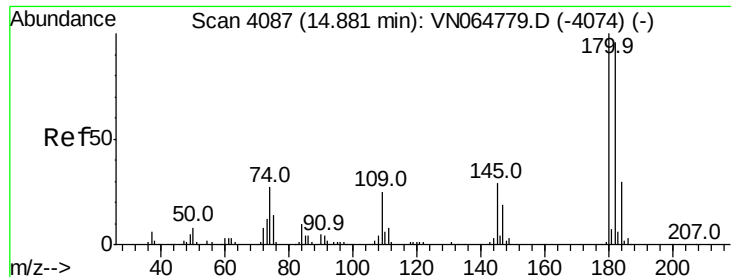
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.330 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Tgt Ion: 75 Resp: 29214
 Ion Ratio Lower Upper
 75 100
 155 86.2 42.8 128.3
 157 114.7 56.4 169.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

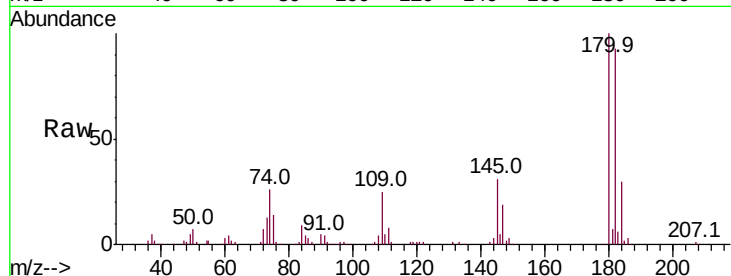




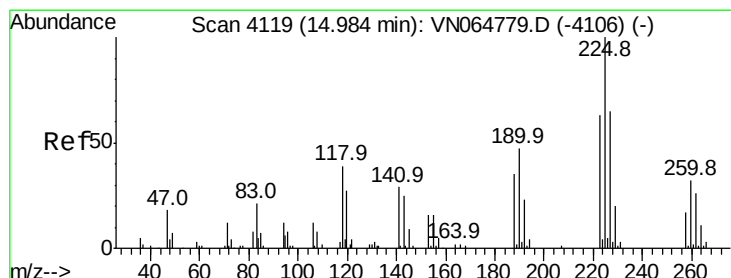
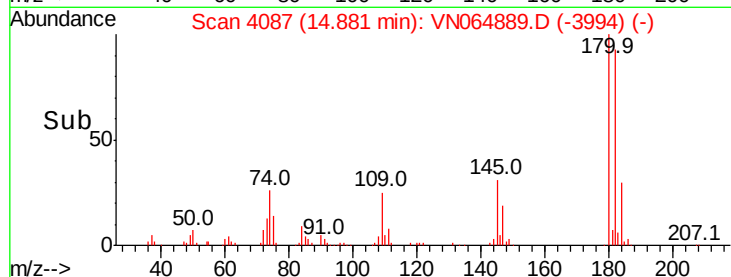
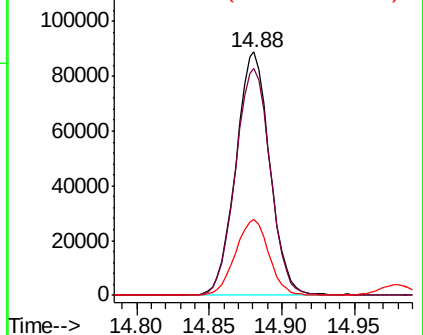
#93
 1,2,4-Trichlorobenzene
 Concen: 48.646 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 144691
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 30.6 15.3 45.8

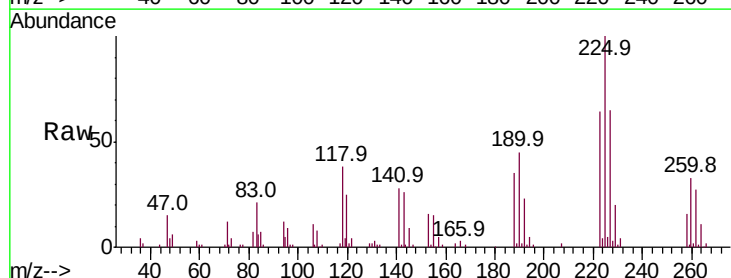


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

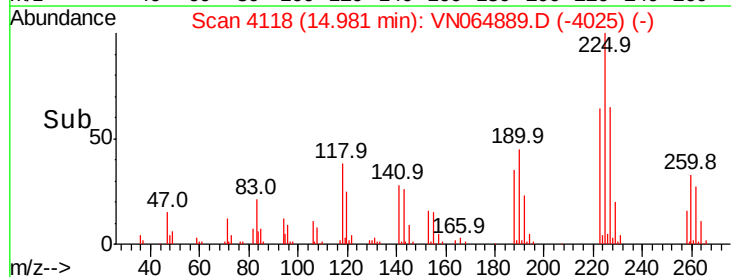
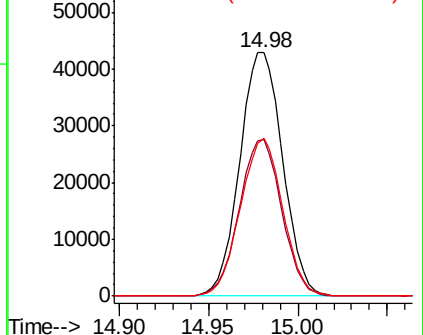


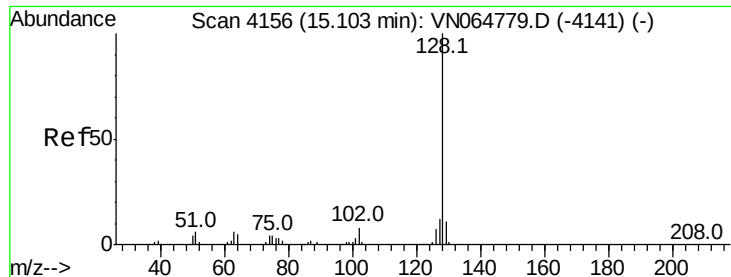
#94
 Hexachlorobutadiene
 Concen: 53.688 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064889.D
 Acq: 3 Dec 2020 10:23

Tgt Ion:225 Resp: 71946
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.0 93.0
 227 63.9 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 45.285 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

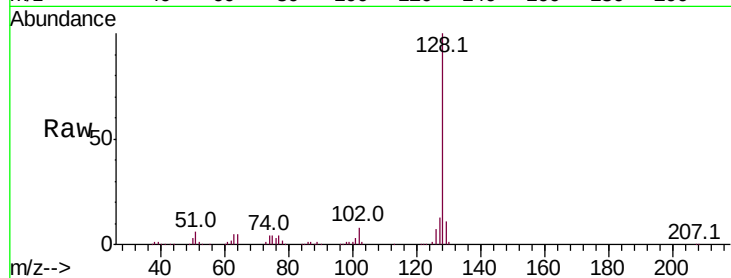
Tot Ion:128 Resp: 403527

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

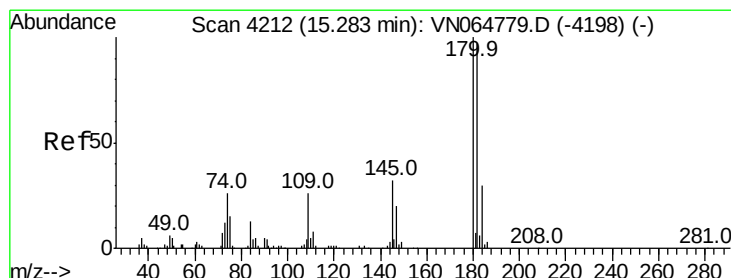
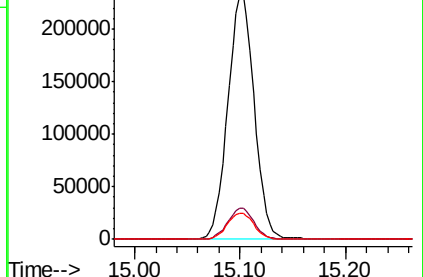
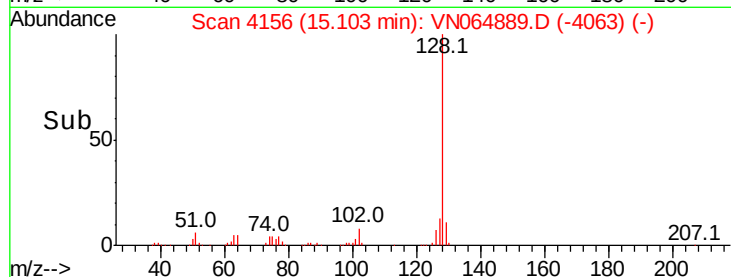
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.971 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064889.D

Acq: 3 Dec 2020 10:23

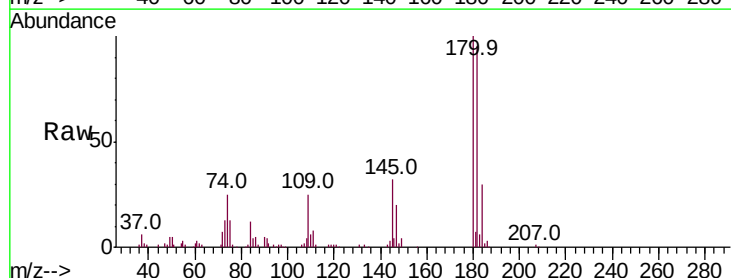
Tgt Ion:180 Resp: 138336

Ion Ratio Lower Upper

180 100

182 94.6 48.1 144.4

145 32.2 16.4 49.1



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

