

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064932.D
 Acq On : 4 Dec 2020 20:31
 Operator : JC/MD
 Sample : L4954-17MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MSD

Quant Time: Dec 05 01:38:02 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	7.63	168	223566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	353657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	322348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153426	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	127743	49.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.30%	
35) Dibromofluoromethane		7.55	113	114387	54.05	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.10%	
50) Toluene-d8		10.06	98	468793	54.22	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.44%	
62) 4-Bromofluorobenzene		12.37	95	154784	50.02	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	76478	39.471	ug/l	98
3) Chloromethane	2.04	50	103475	41.096	ug/l	99
4) Vinyl Chloride	2.17	62	108461	41.317	ug/l	97
5) Bromomethane	2.53	94	70725	41.065	ug/l	99
6) Chloroethane	2.67	64	68952	42.468	ug/l	100
7) Trichlorofluoromethane	2.99	101	161514	44.510	ug/l	99
8) Diethyl Ether	3.38	74	65485	45.719	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	103002	47.318	ug/l	98
10) Methyl Iodide	3.91	142	112178	39.730	ug/l	96
11) Tert butyl alcohol	4.74	59	99185	244.698	ug/l	99
12) 1,1-Dichloroethene	3.69	96	99193	45.755	ug/l	99
13) Acrolein	3.57	56	37117	149.915	ug/l	95
14) Allyl chloride	4.27	41	167503	46.845	ug/l	98
15) Acrylonitrile	4.93	53	280640	250.627	ug/l	99
16) Acetone	3.78	43	221937	259.758	ug/l	98
17) Carbon Disulfide	4.01	76	242824	43.381	ug/l	99
18) Methyl Acetate	4.28	43	120910	47.069	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	352124	50.643	ug/l	# 1
20) Methylene Chloride	4.50	84	120629	45.056	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	108524	45.078	ug/l	95
22) Diisopropyl ether	5.91	45	355584	49.684	ug/l	98
23) Vinyl Acetate	5.85	43	1366075	238.690	ug/l	100
24) 1,1-Dichloroethane	5.80	63	207673	48.553	ug/l	99
25) 2-Butanone	6.79	43	340328	245.720	ug/l	97
26) 2,2-Dichloropropane	6.78	77	163011	43.942	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	130823	48.291	ug/l	98
28) Bromochloromethane	7.15	49	97103	49.625	ug/l	98
29) Tetrahydrofuran	7.17	42	224036	234.330	ug/l	98
30) Chloroform	7.33	83	210782	47.787	ug/l	99
31) Cyclohexane	7.61	56	444217	122.626	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	179198	47.302	ug/l	99
36) 1,1-Dichloropropene	7.75	75	152438	46.503	ug/l	99
37) Ethyl Acetate	6.88	43	135255	42.834	ug/l	100
38) Carbon Tetrachloride	7.73	117	158569	46.490	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064932.D
 Acq On : 4 Dec 2020 20:31
 Operator : JC/MD
 Sample : L4954-17MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MSD

Quant Time: Dec 05 01:38:02 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)
39) Methylcyclohexane	9.05	83	1573351	445.856	ug/l	97
40) Benzene	8.00	78	472801	47.068	ug/l	100
41) Methacrylonitrile	7.12	41	78847	54.116	ug/l #	78
42) 1,2-Dichloroethane	8.09	62	155265	45.819	ug/l	81
43) Isopropyl Acetate	8.13	43	282903	55.678	ug/l	94
44) Trichloroethene	8.80	130	128262	43.276	ug/l	100
45) 1,2-Dichloropropane	9.08	63	139582	53.658	ug/l	99
46) Dibromomethane	9.17	93	83627	48.120	ug/l	98
47) Bromodichloromethane	9.37	83	170791	48.842	ug/l	100
48) Methyl methacrylate	9.16	41	122325	50.383	ug/l	97
49) 1,4-Dioxane	9.17	88	43479	947.507	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	728801	238.921	ug/l	98
52) Toluene	10.12	92	298438	48.243	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	185160	47.541	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	201032	48.155	ug/l	98
55) 1,1,2-Trichloroethane	10.50	97	115642	45.460	ug/l #	21
56) Ethyl methacrylate	10.40	69	239588	68.252	ug/l #	83
57) 1,3-Dichloropropane	10.68	76	202937	48.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	1268	0.657	ug/l #	46
59) 2-Hexanone	10.72	43	548350	249.782	ug/l	99
60) Dibromochloromethane	10.87	129	136636	48.321	ug/l	99
61) 1,2-Dibromoethane	10.98	107	123619	47.832	ug/l	100
64) Tetrachloroethene	10.60	164	127144	40.542	ug/l	98
65) Chlorobenzene	11.41	112	328303	47.427	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	125203	49.215	ug/l	99
67) Ethyl Benzene	11.48	91	582089	50.335	ug/l	99
68) m/p-Xylenes	11.59	106	435888	99.556	ug/l	98
69) o-Xylene	11.92	106	208254	50.124	ug/l	98
70) Styrene	11.94	104	359202	51.212	ug/l	99
71) Bromoform	12.10	173	95784	47.141	ug/l #	100
73) Isopropylbenzene	12.22	105	934046	87.524	ug/l	100
74) N-amyl acetate	12.04	43	214148	50.990	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	165166	52.803	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	219605	66.463	ug/l #	100
77) Bromobenzene	12.50	156	144993	50.395	ug/l	97
78) n-propylbenzene	12.56	91	1090464	89.696	ug/l	98
79) 2-Chlorotoluene	12.65	91	368612	49.050	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	463958	52.304	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	53661	44.511	ug/l	94
82) 4-Chlorotoluene	12.75	91	387803	49.232	ug/l	100
83) tert-Butylbenzene	12.97	119	406860	54.721	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	479491	53.463	ug/l	99
85) sec-Butylbenzene	13.14	105	606826	61.471	ug/l	98
86) p-Isopropyltoluene	13.26	119	471165	52.424	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	248582	48.630	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	249724	46.195	ug/l	99
89) n-Butylbenzene	13.59	91	438387	55.542	ug/l	97
90) Hexachloroethane	13.85	117	101165	64.794	ug/l	81
91) 1,2-Dichlorobenzene	13.62	146	246846	49.181	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32944	46.808	ug/l	93

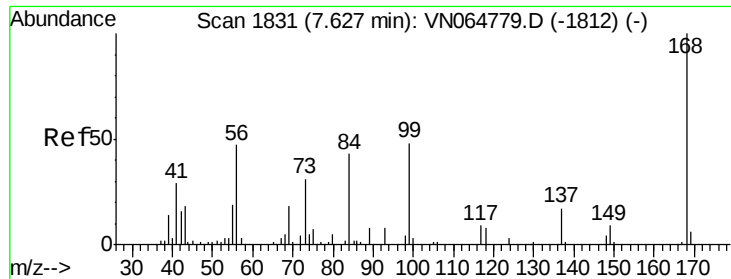
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
Data File : VN064932.D
Acq On : 4 Dec 2020 20:31
Operator : JC/MD
Sample : L4954-17MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

Quant Time: Dec 05 01:38:02 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)
93) 1,2,4-Trichlorobenzene	14.88	180	148649	47.876	ug/l #	90
94) Hexachlorobutadiene	14.98	225	68992	49.350	ug/l	99
95) Naphthalene	15.10	128	810761	87.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	146770	49.750	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

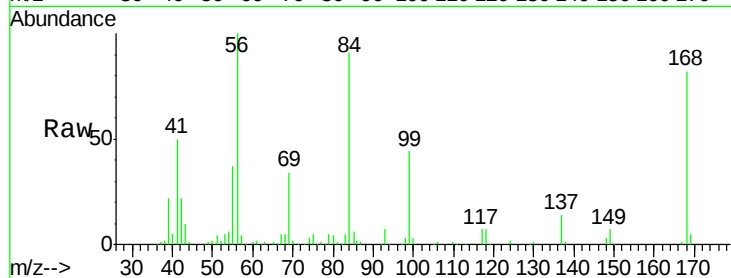
SS013-13-6702-120220MSD

Tot Ion:168 Resp: 223566

Ion Ratio Lower Upper

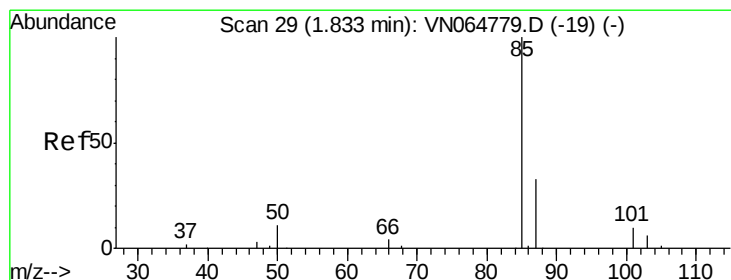
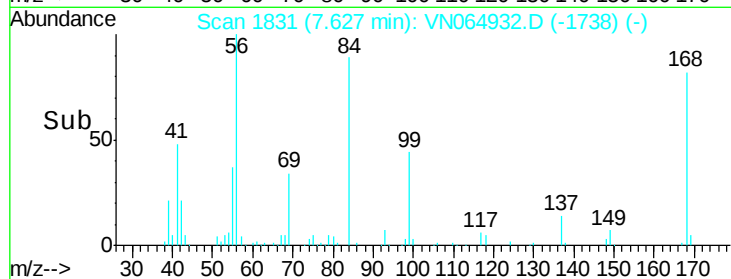
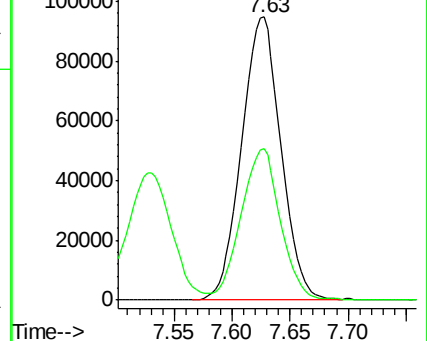
168 100

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



#2

Dichlorodifluoromethane

Concen: 39.471 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064932.D

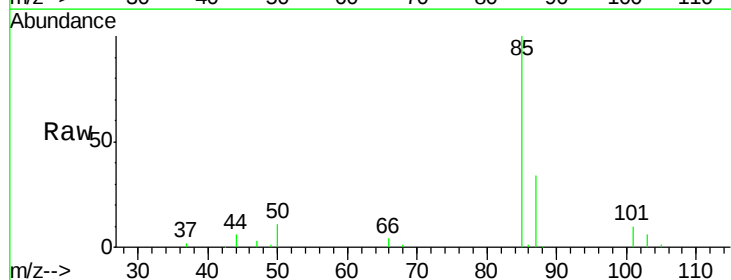
Acq: 4 Dec 2020 20:31

Tgt Ion: 85 Resp: 76478

Ion Ratio Lower Upper

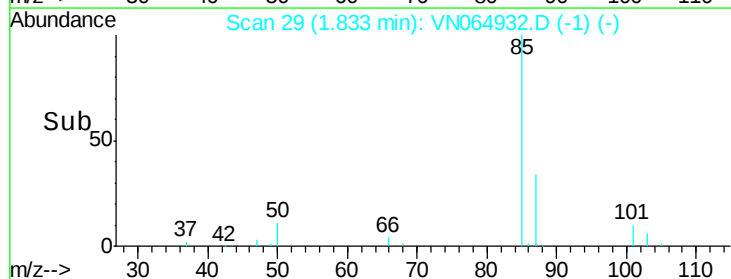
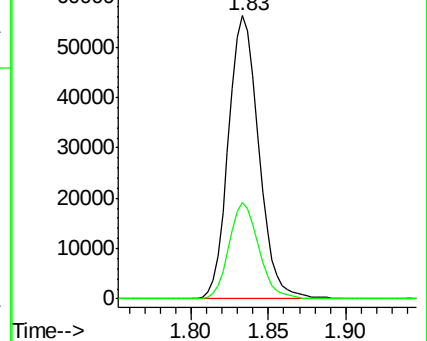
85 100

87 33.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

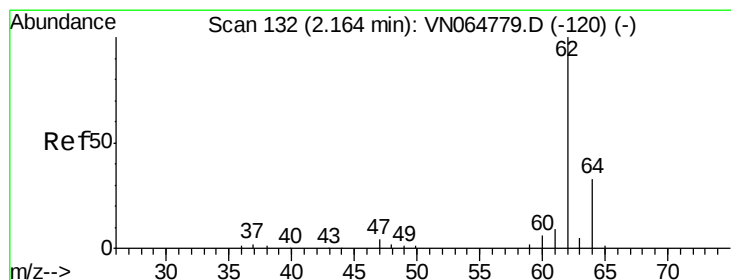
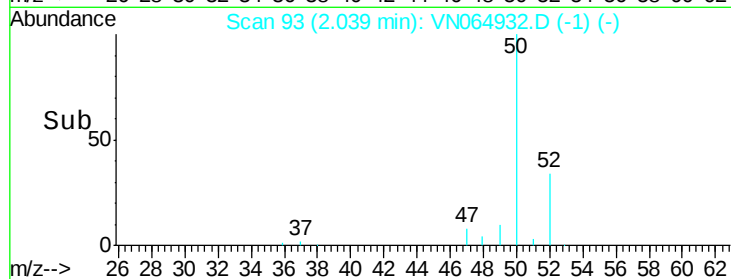
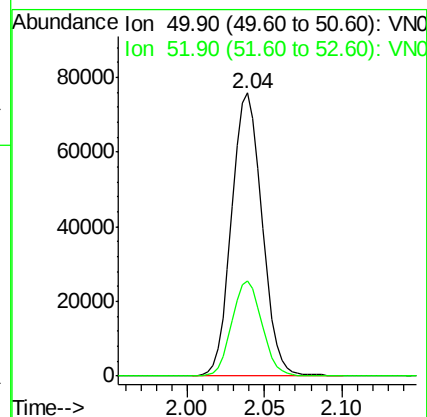
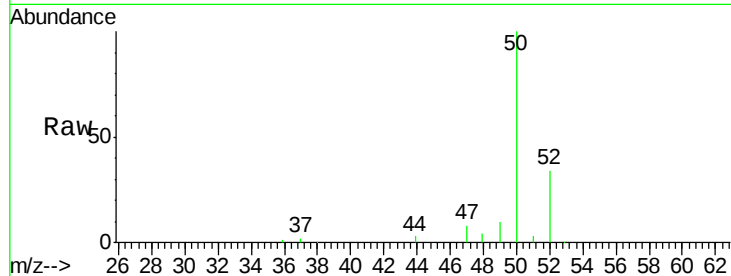




#3
Chloromethane
Concen: 41.096 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

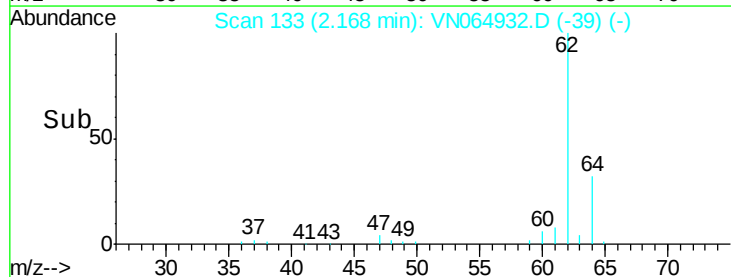
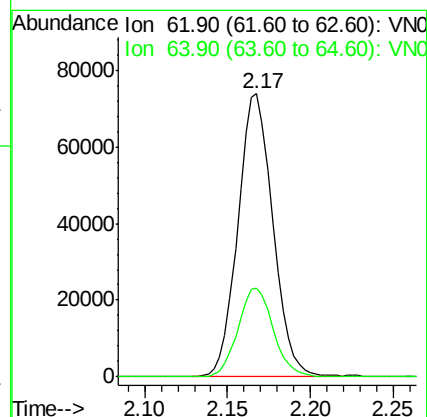
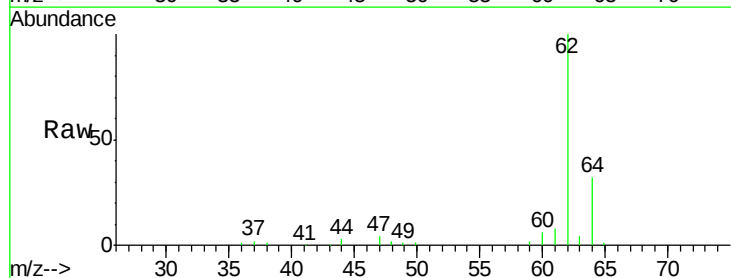
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

Tot Ion: 50 Resp: 103475
Ion Ratio Lower Upper
50 100
52 33.8 26.6 39.8



#4
Vinyl Chloride
Concen: 41.317 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion: 62 Resp: 108461
Ion Ratio Lower Upper
62 100
64 31.6 26.5 39.7





#5

Bromomethane

Concen: 41.065 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

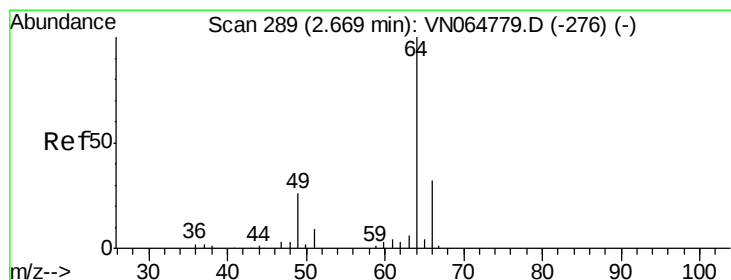
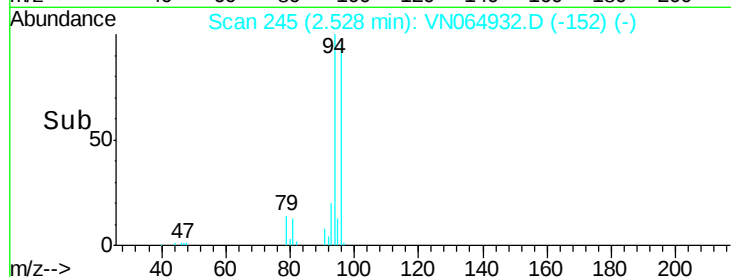
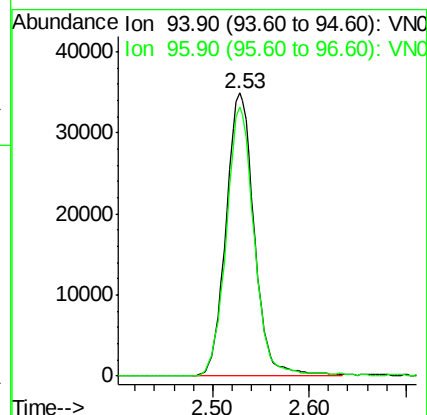
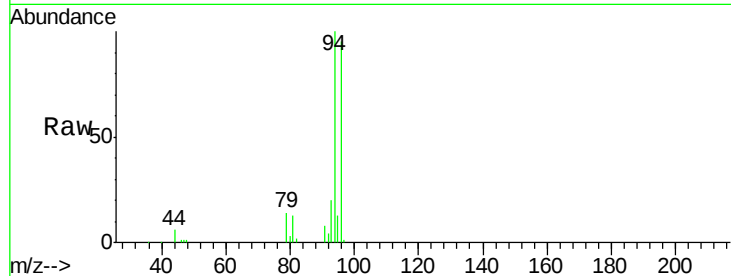
SS013-13-6702-120220MSD

Tot Ion: 94 Resp: 70725

Ion Ratio Lower Upper

94 100

96 95.3 75.4 113.0



#6

Chloroethane

Concen: 42.468 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064932.D

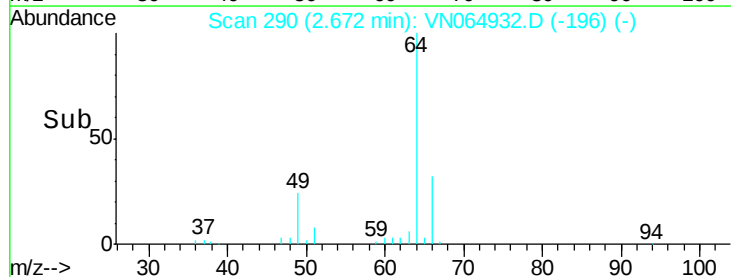
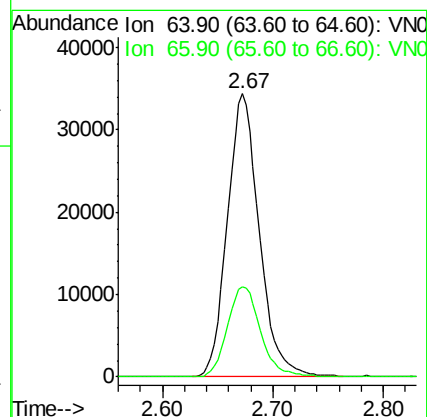
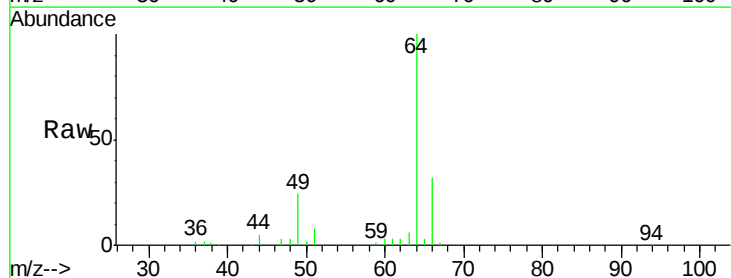
Acq: 4 Dec 2020 20:31

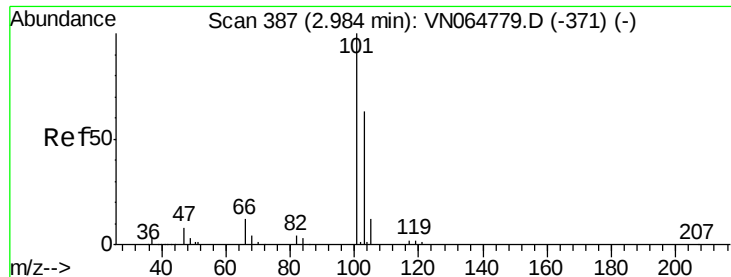
Tgt Ion: 64 Resp: 68952

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



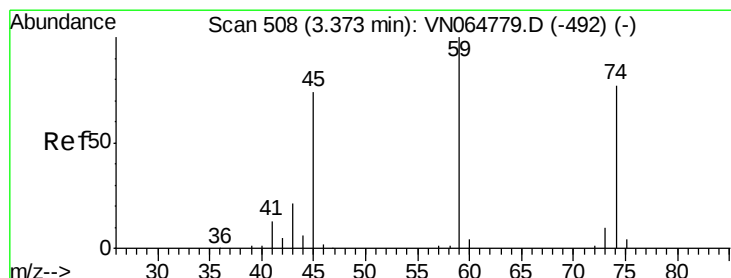
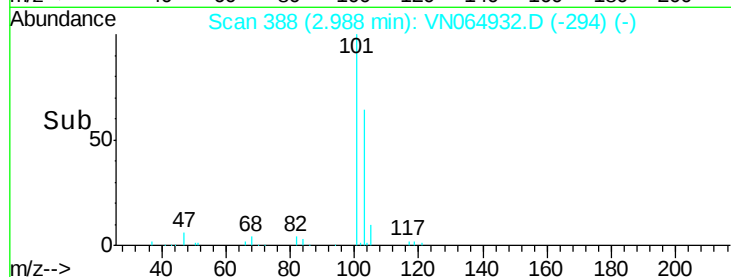
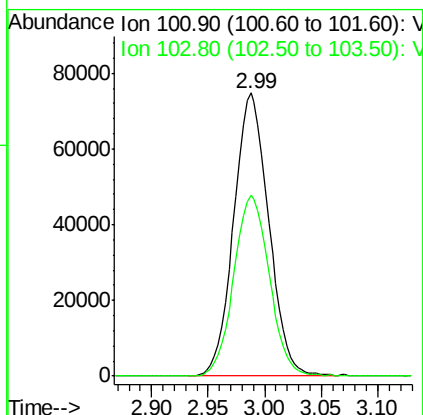
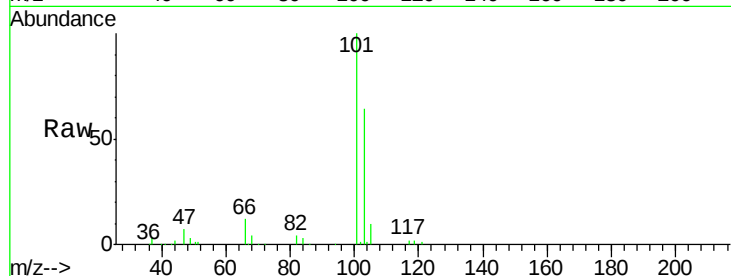


#7

Trichlorofluoromethane
 Concen: 44.510 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MSD

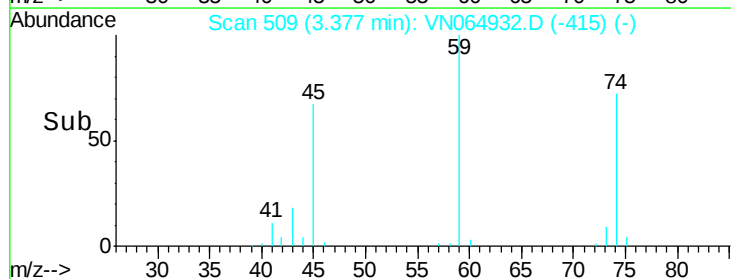
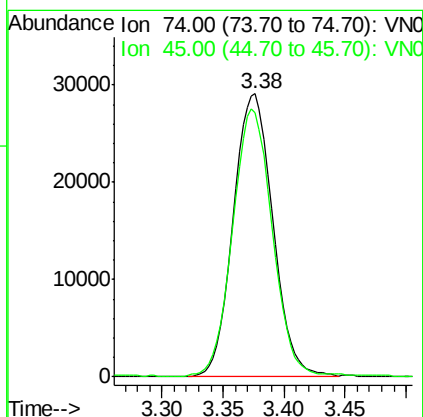
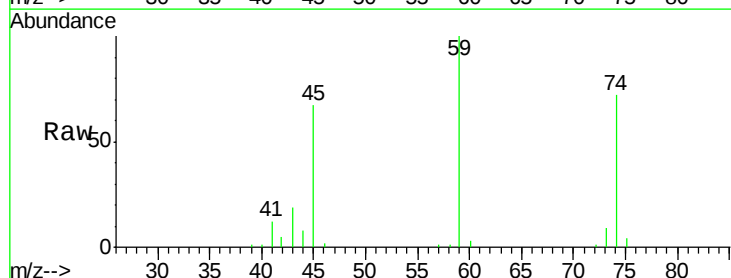
Tot Ion:101 Resp: 161514
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.5 75.7

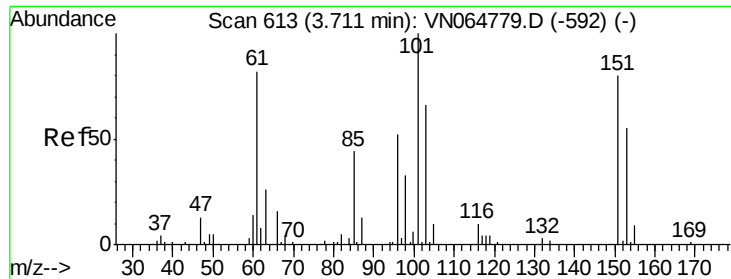


#8

Diethyl Ether
 Concen: 45.719 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

Tgt Ion: 74 Resp: 65485
 Ion Ratio Lower Upper
 74 100
 45 94.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.318 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6702-120220MSD

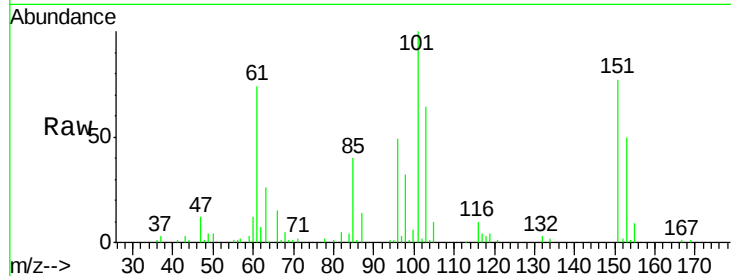
Tot Ion:101 Resp: 103002

Ion Ratio Lower Upper

101 100

85 41.4 34.4 51.6

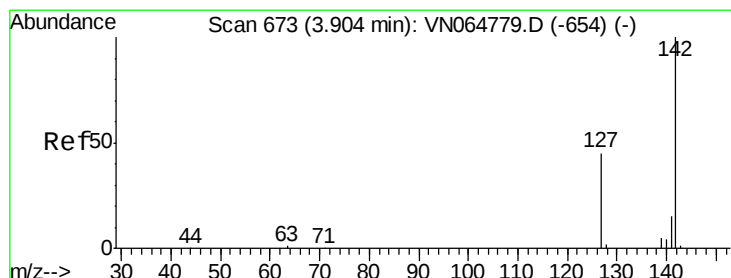
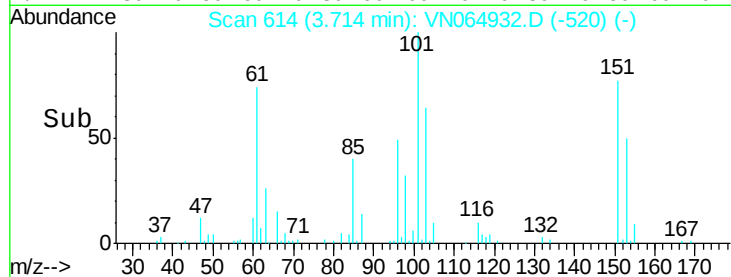
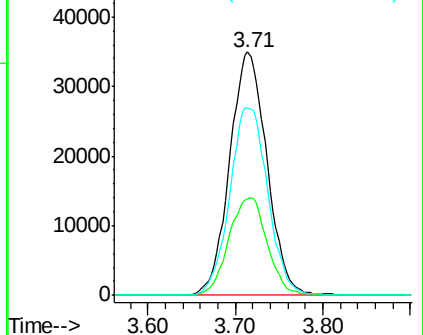
151 79.1 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.730 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

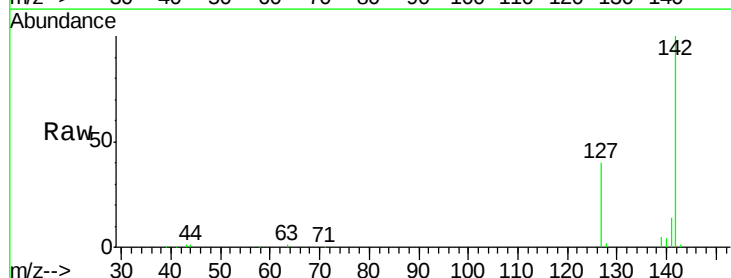
Tgt Ion:142 Resp: 112178

Ion Ratio Lower Upper

142 100

127 40.8 35.0 52.6

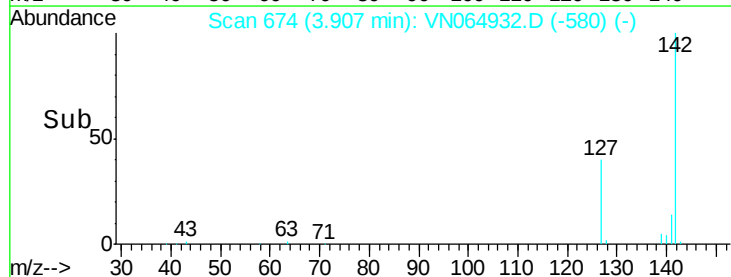
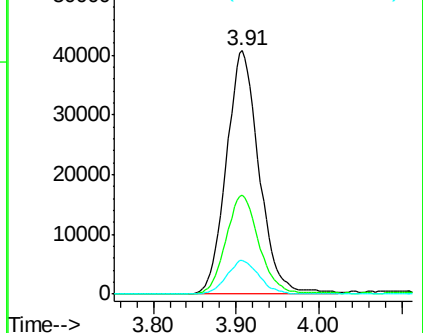
141 13.6 11.8 17.6

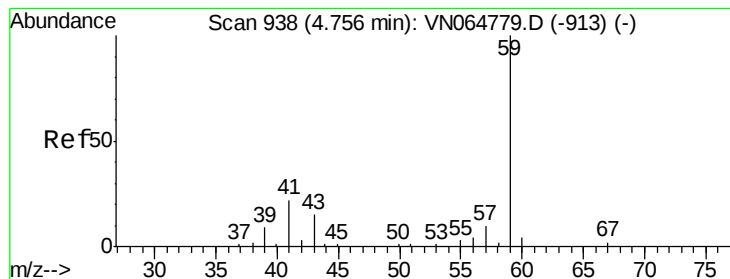


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 244.698 ug/l

RT: 4.74 min Scan# 934

Delta R.T. -0.01 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

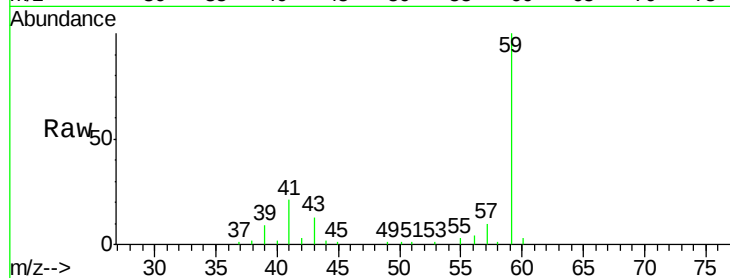
SS013-13-6702-120220MSD

Tot Ion: 59 Resp: 99185

Ion Ratio Lower Upper

59 100

57 10.3 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

30000

25000

20000

15000

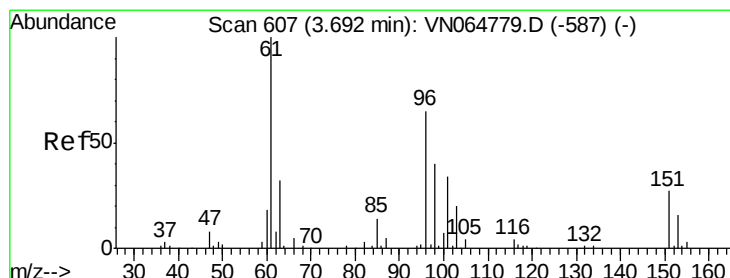
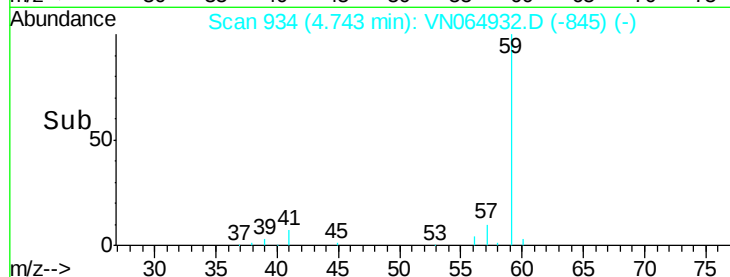
10000

5000

0

4.60 4.70 4.80 4.90

Time-->



#12

1,1-Dichloroethene

Concen: 45.755 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

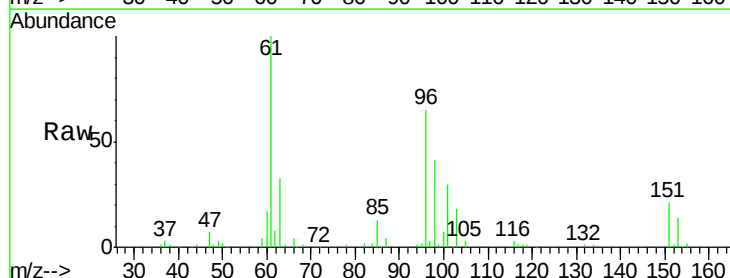
Tgt Ion: 96 Resp: 99193

Ion Ratio Lower Upper

96 100

61 154.8 123.4 185.2

98 64.2 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

80000

60000

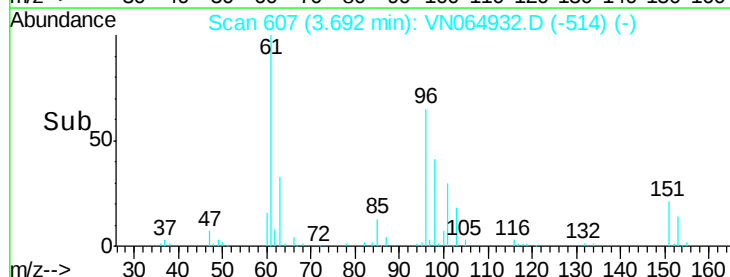
40000

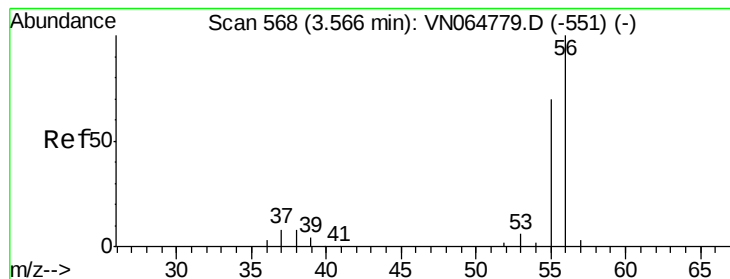
20000

0

3.60 3.70 3.80

Time-->





#13

Acrolein

Concen: 149.915 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

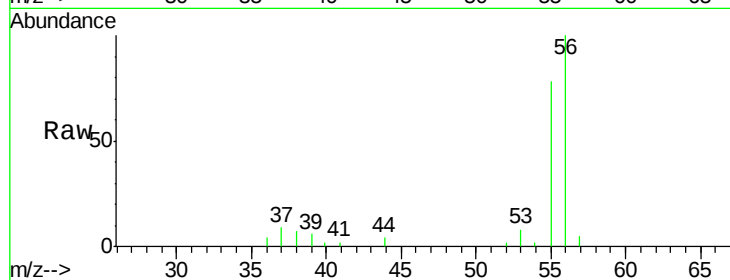
SS013-13-6702-120220MSD

Tot Ion: 56 Resp: 37117

Ion Ratio Lower Upper

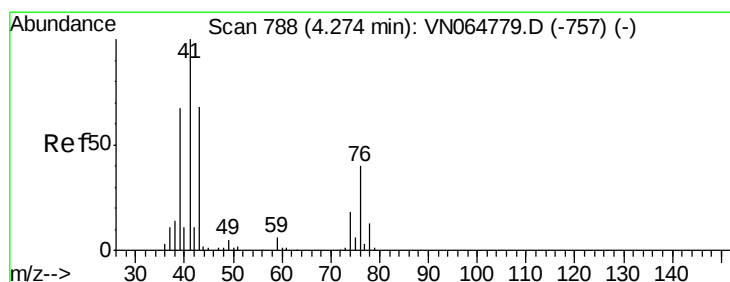
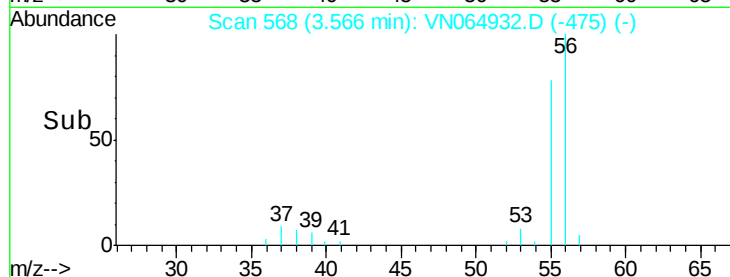
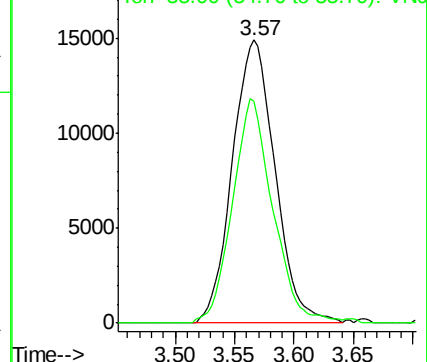
56 100

55 74.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 46.845 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

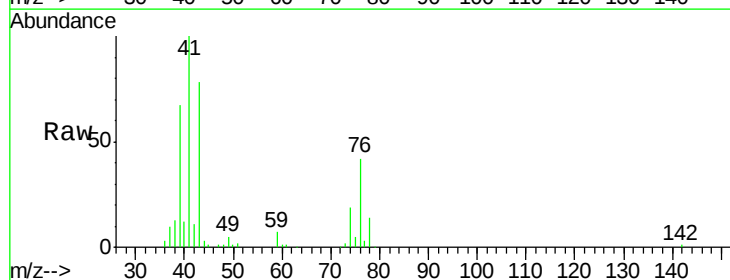
Tgt Ion: 41 Resp: 167503

Ion Ratio Lower Upper

41 100

39 61.6 50.9 76.3

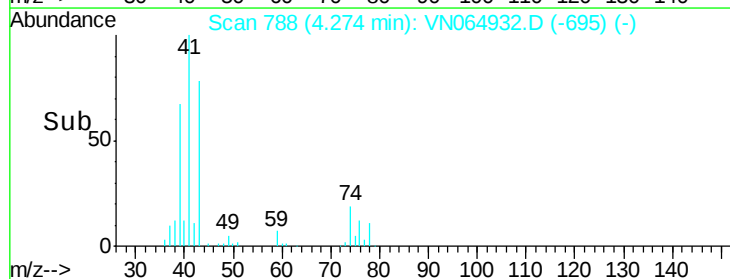
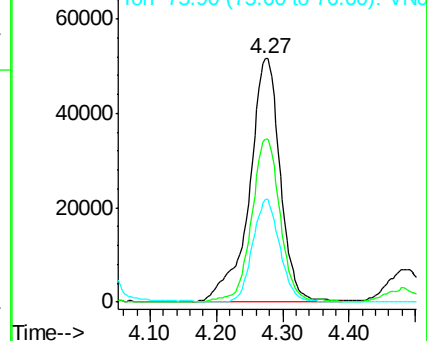
76 36.9 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 250.627 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6702-120220MSD

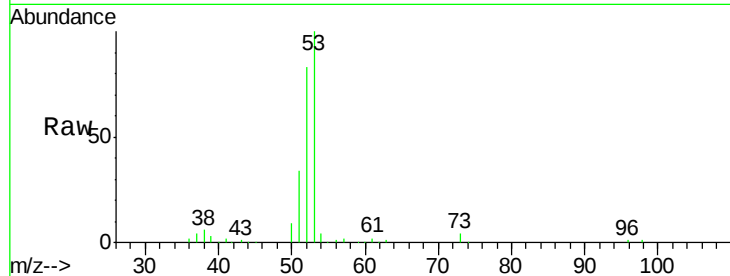
Tot Ion: 53 Resp: 280640

Ion Ratio Lower Upper

53 100

52 80.6 65.5 98.3

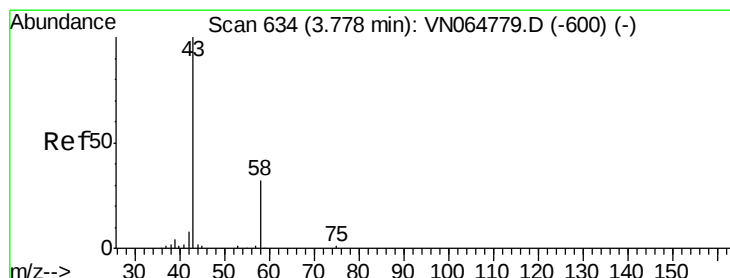
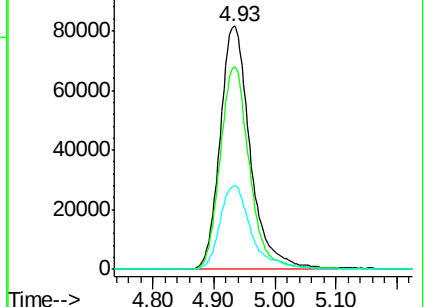
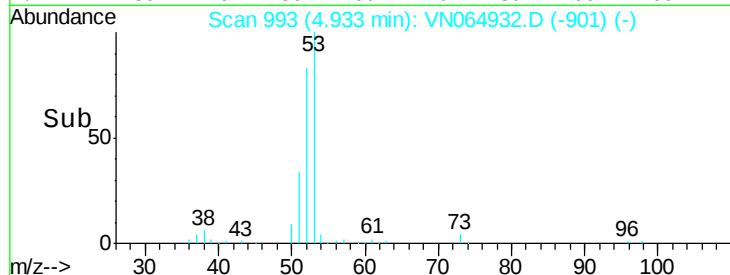
51 35.5 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064932.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064932.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064932.D (-901) (-)



#16

Acetone

Concen: 259.758 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064932.D

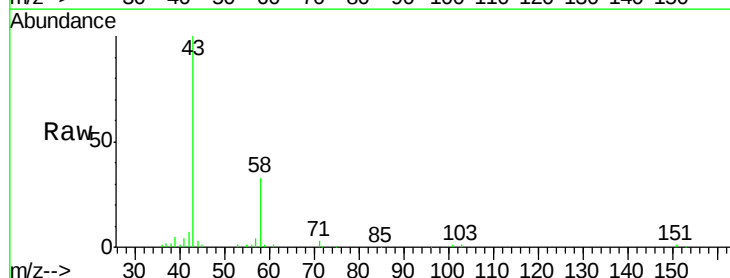
Acq: 4 Dec 2020 20:31

Tgt Ion: 43 Resp: 221937

Ion Ratio Lower Upper

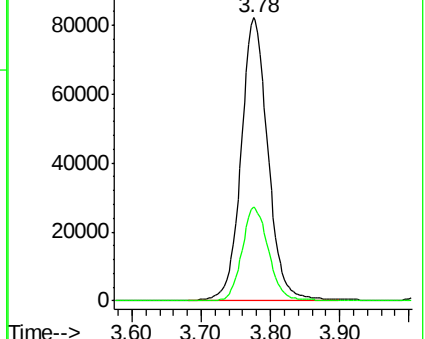
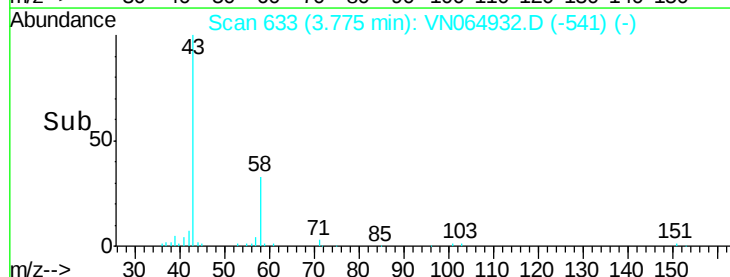
43 100

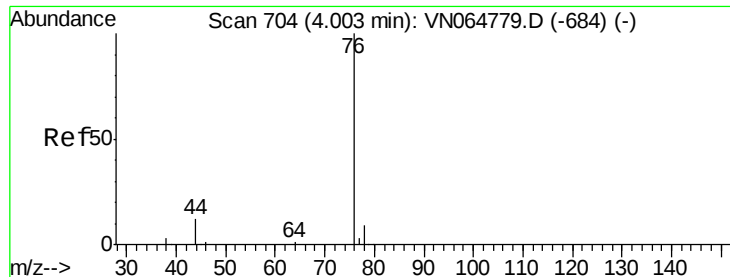
58 33.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064932.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064932.D (-541) (-)

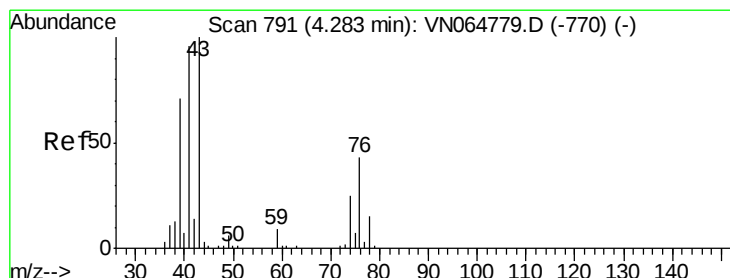
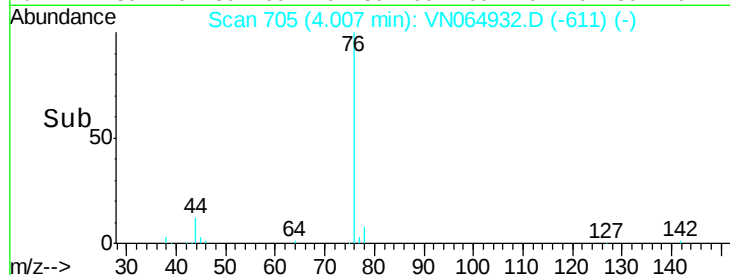
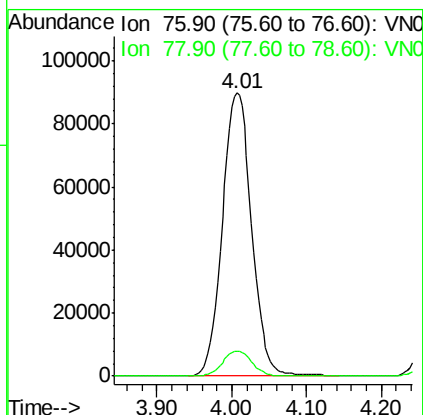
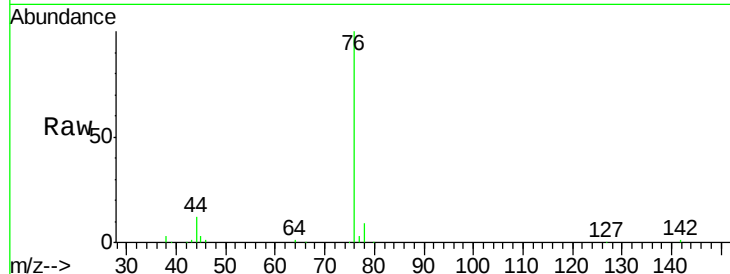




#17
Carbon Disulfide
Concen: 43.381 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

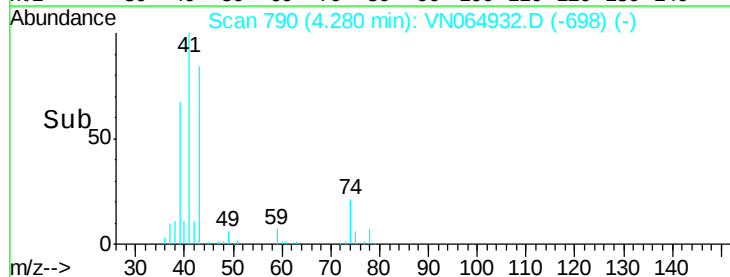
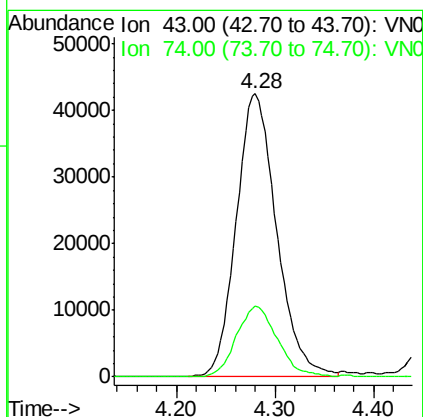
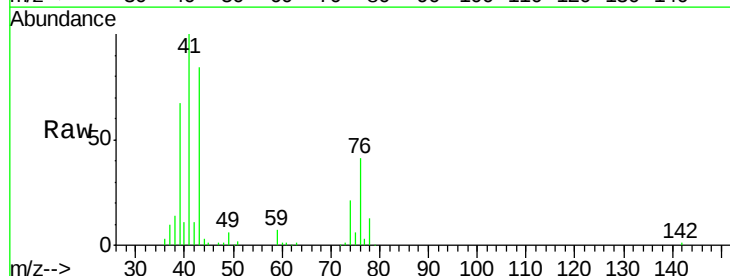
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

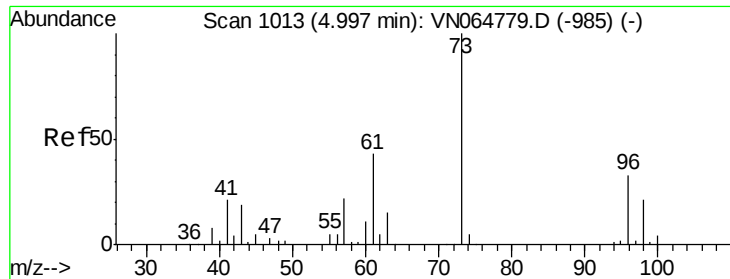
Tot Ion: 76 Resp: 242824
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 47.069 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion: 43 Resp: 120910
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2

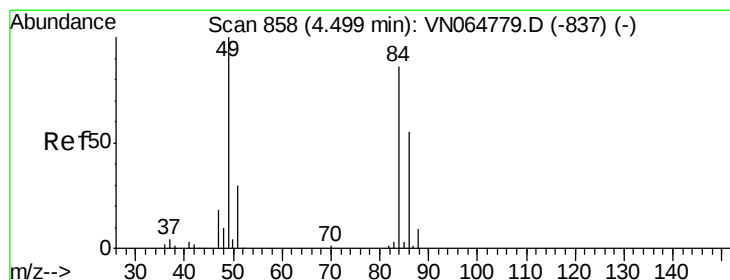
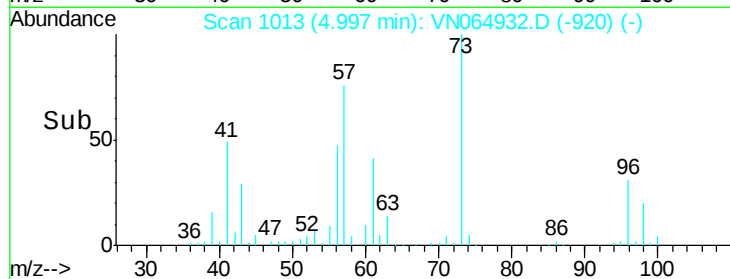
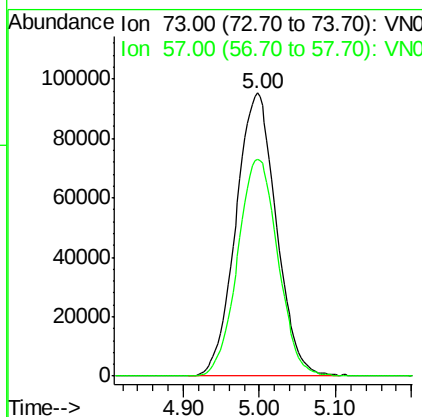
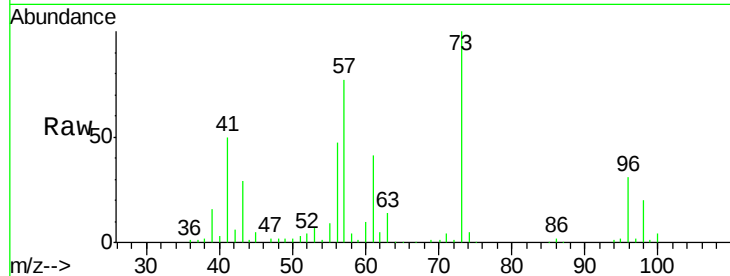




#19
Methvl tert-butvl Ether
Concen: 50.643 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

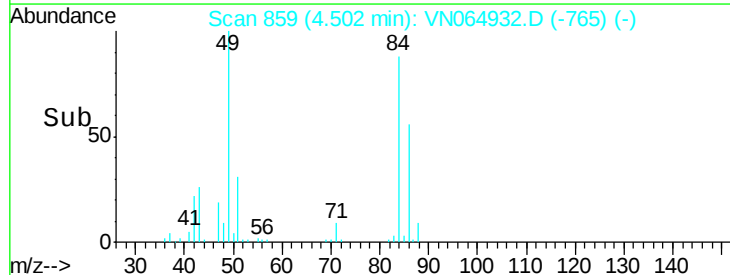
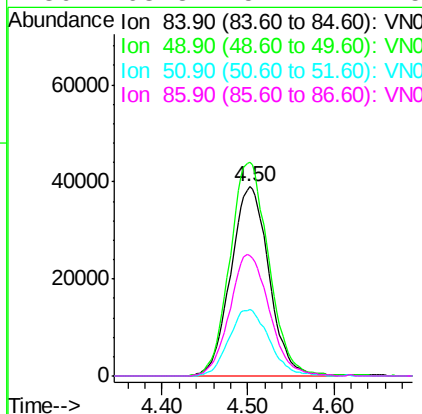
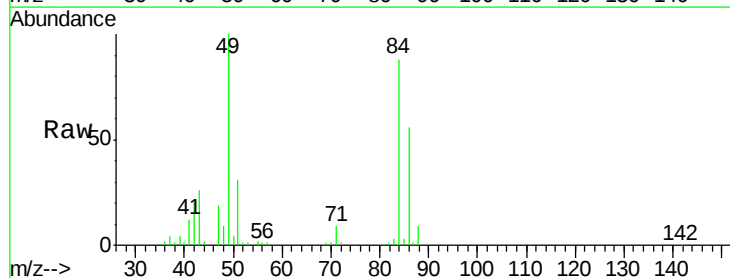
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

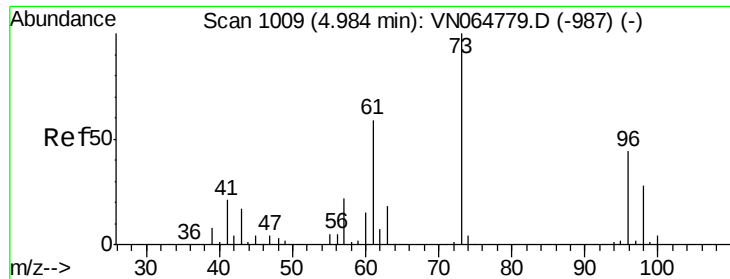
Tot Ion: 73 Resp: 352124
Ion Ratio Lower Upper
73 100
57 76.6 17.4 26.0#



#20
Methylene Chloride
Concen: 45.056 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion: 84 Resp: 120629
Ion Ratio Lower Upper
84 100
49 113.0 93.4 140.0
51 35.0 28.2 42.4
86 63.8 51.7 77.5

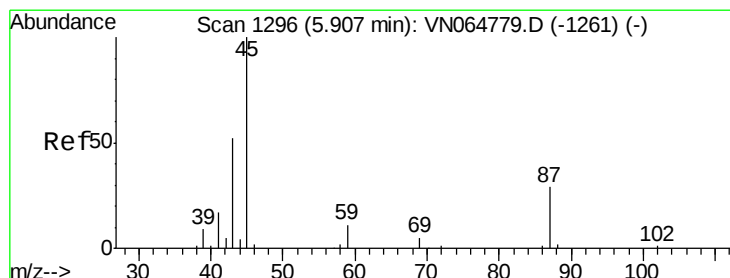
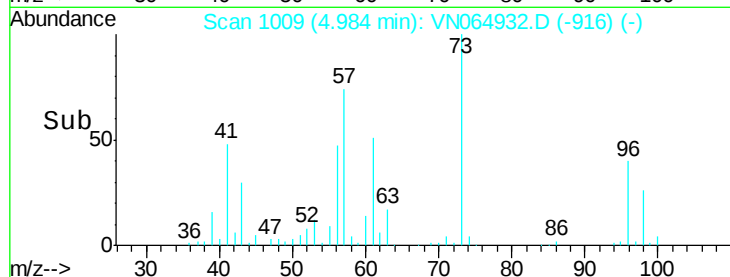
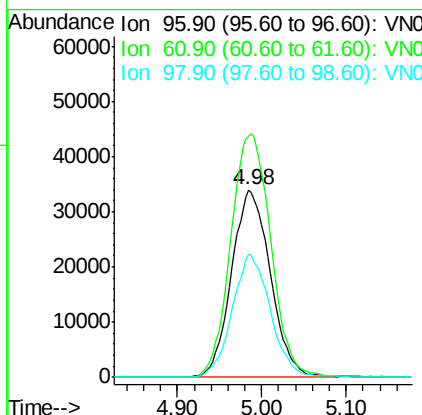
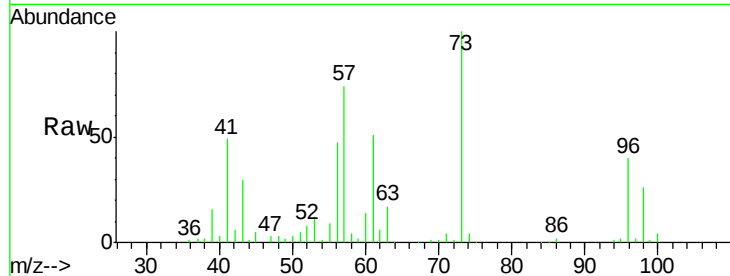




#21
trans-1,2-Dichloroethene
Concen: 45.078 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

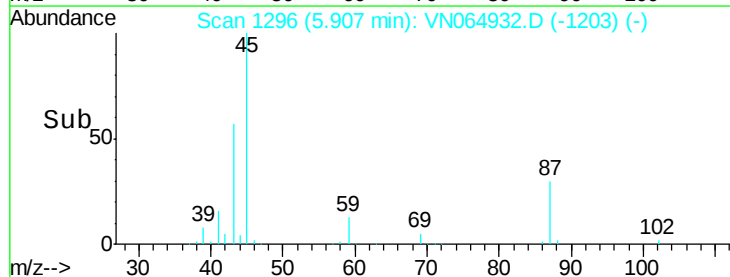
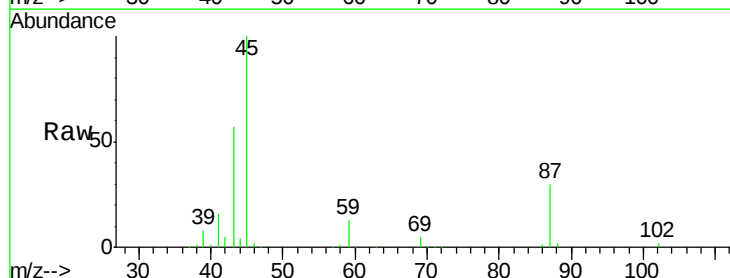
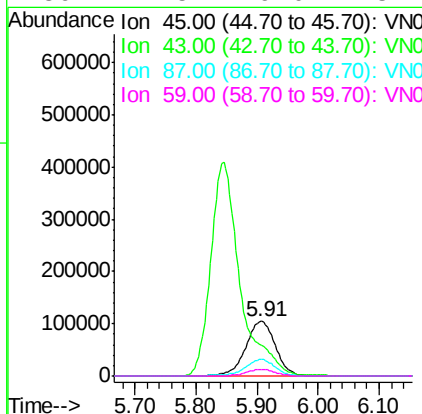
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

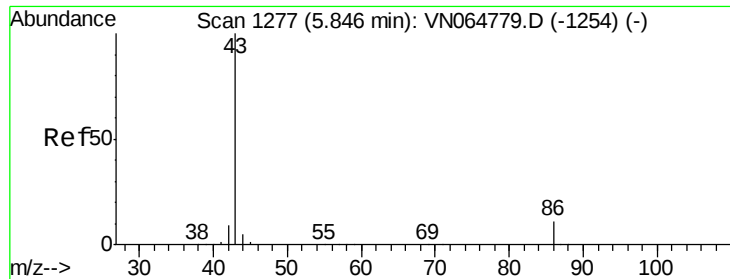
Tot Ion: 96 Resp: 108524
Ion Ratio Lower Upper
96 100
61 128.5 108.4 162.6
98 65.7 51.3 76.9



#22
Diisopropyl ether
Concen: 49.684 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion: 45 Resp: 355584
Ion Ratio Lower Upper
45 100
43 56.2 46.2 69.2
87 30.2 24.1 36.1
59 12.5 9.0 13.4

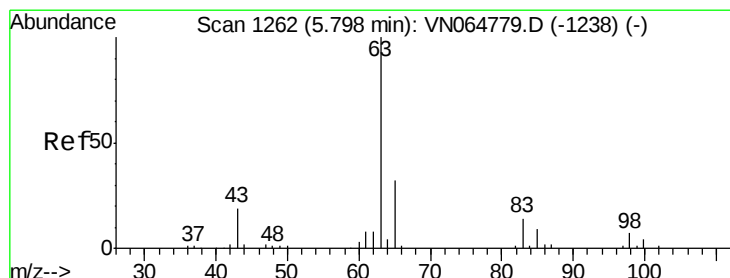
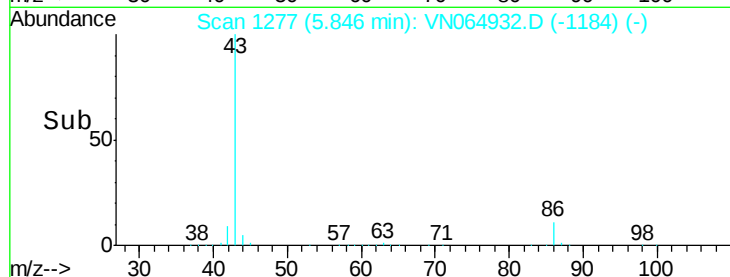
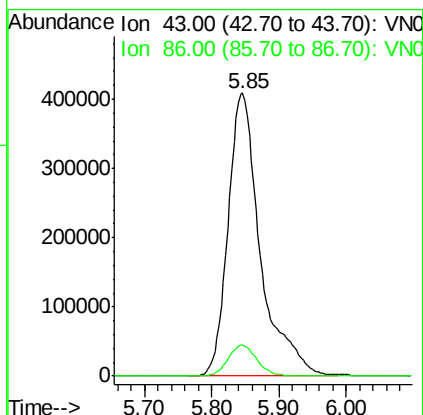
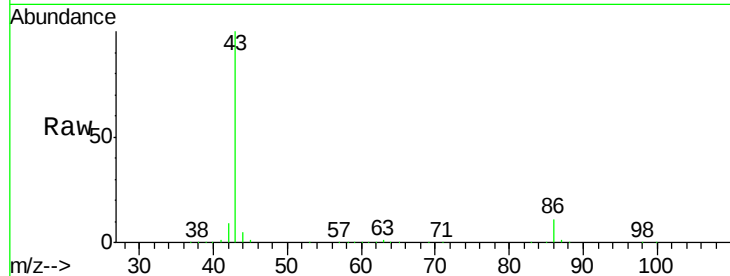




#23
 Vinyl Acetate
 Concen: 238.690 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

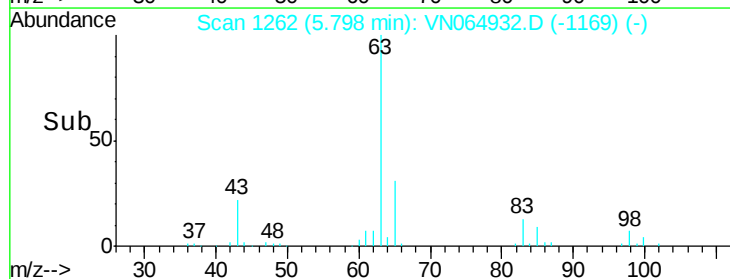
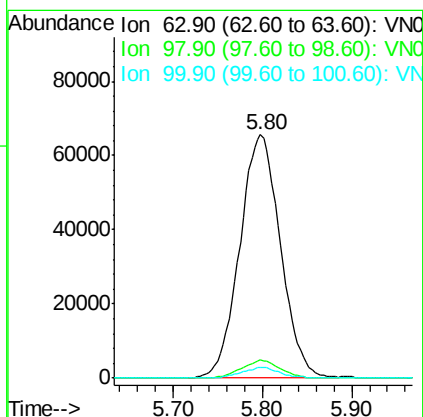
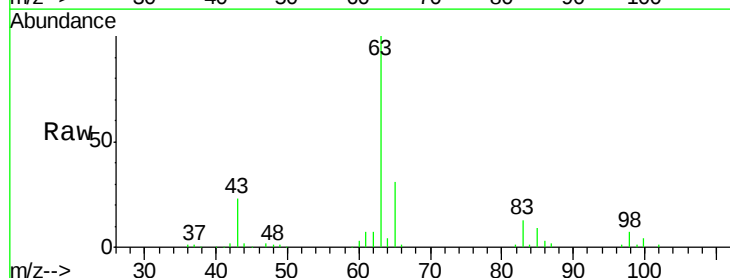
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MSD

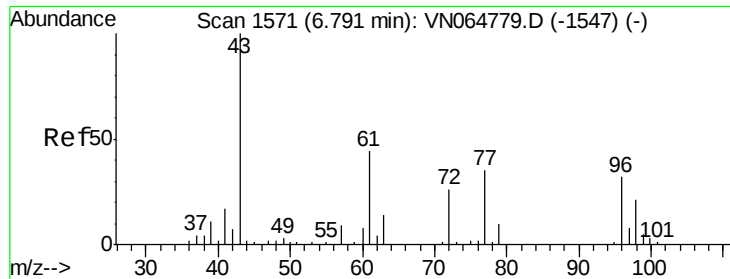
Tot Ion: 43 Resp: 1366075
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 48.553 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

Tgt Ion: 63 Resp: 207673
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 245.720 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

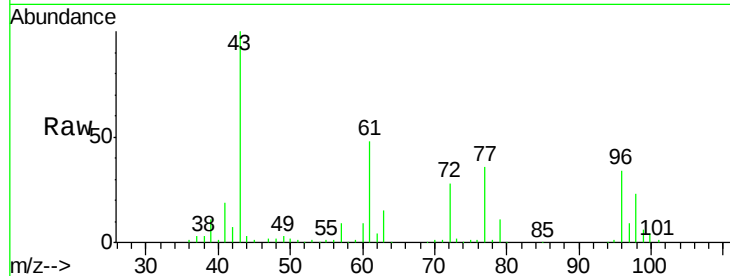
SS013-13-6702-120220MSD

Tot Ion: 43 Resp: 340328

Ion Ratio Lower Upper

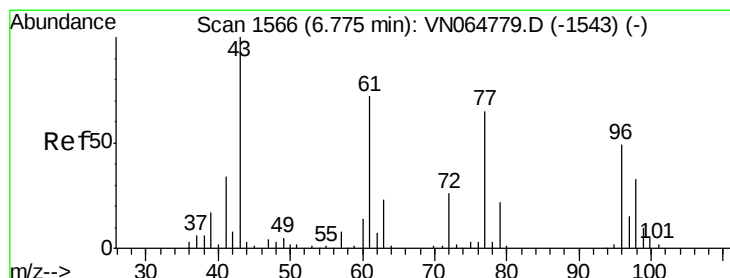
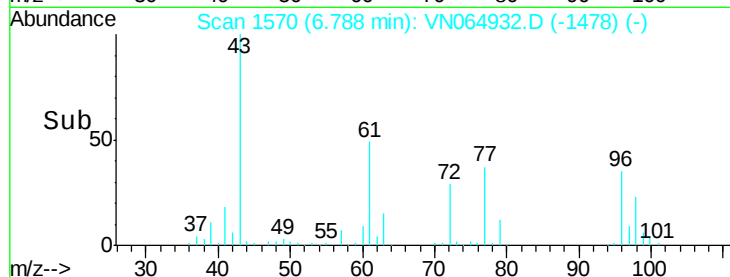
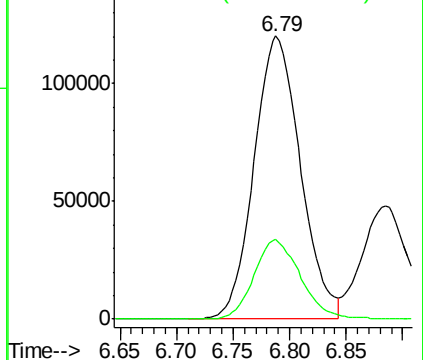
43 100

72 28.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 43.942 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064932.D

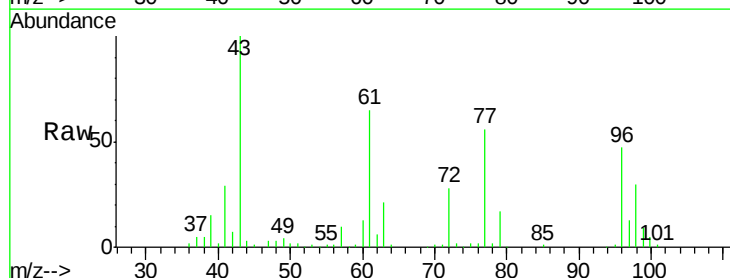
Acq: 4 Dec 2020 20:31

Tgt Ion: 77 Resp: 163011

Ion Ratio Lower Upper

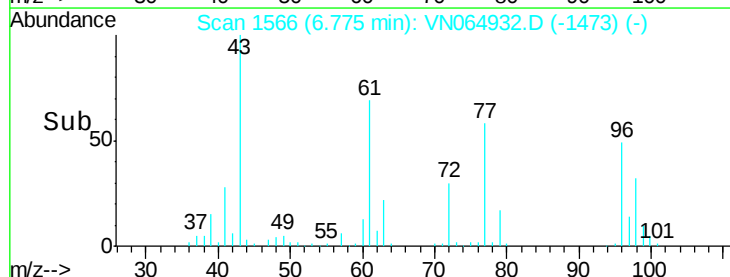
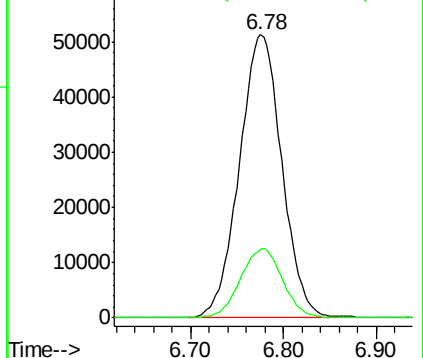
77 100

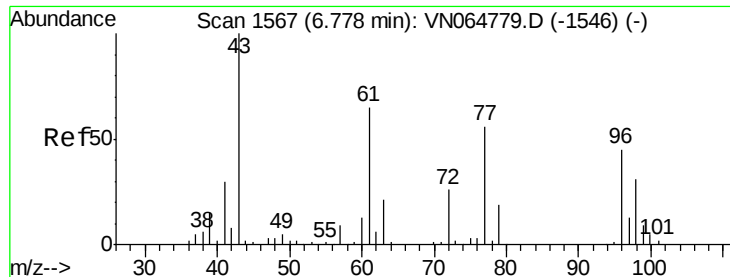
97 24.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 48.291 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6702-120220MSD

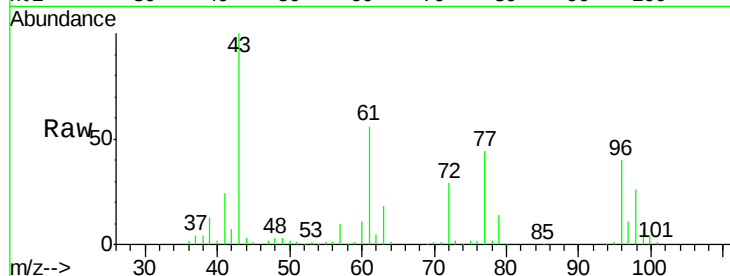
Tot Ion: 96 Resp: 130823

Ion Ratio Lower Upper

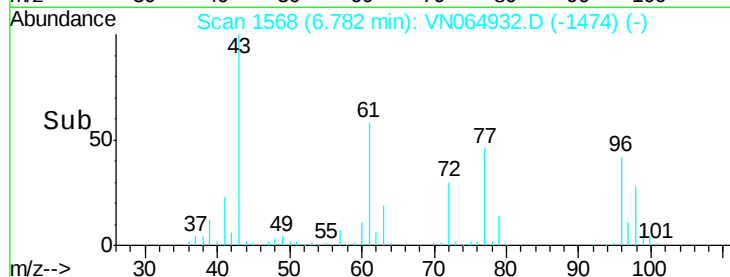
96 100

61 140.2 0.0 285.8

98 65.5 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064932.D (-1474) (-)

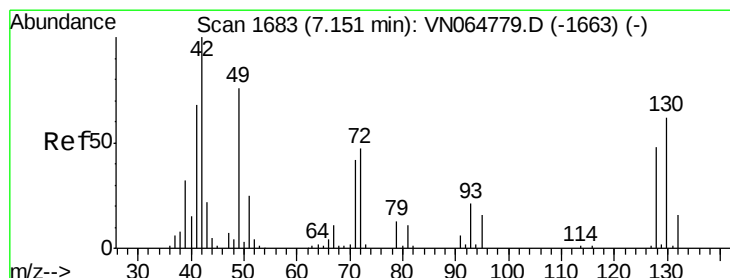


Ion 60.90 (60.60 to 61.60): VN064932.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064932.D (-1474) (-)

6.78

Time-->



#28

Bromochloromethane

Concen: 49.625 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

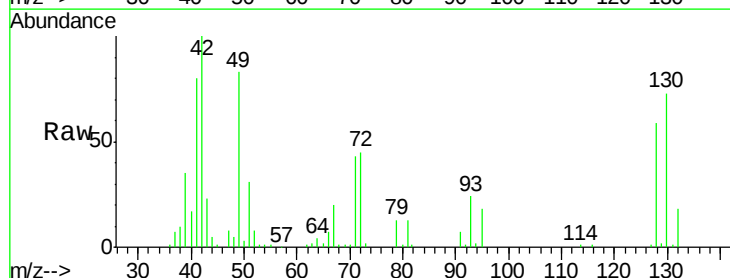
Tgt Ion: 49 Resp: 97103

Ion Ratio Lower Upper

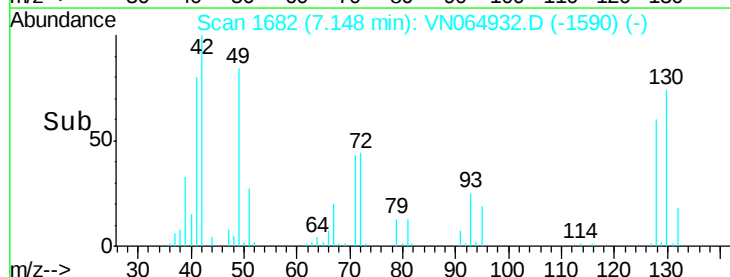
49 100

129 2.1 0.0 3.8

130 84.8 66.2 99.2



Abundance Ion 48.90 (48.60 to 49.60): VN064932.D (-1590) (-)

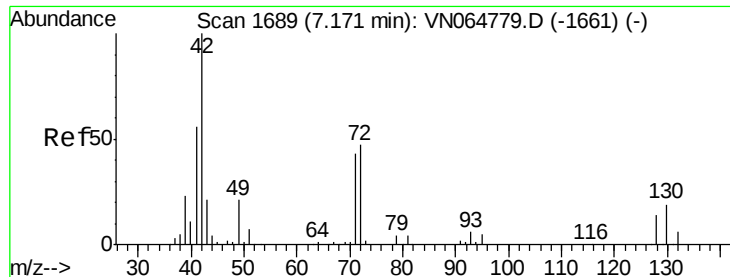


Ion 128.80 (128.50 to 129.50): VN064932.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064932.D (-1590) (-)

7.15

Time-->



#29

Tetrahydrofuran

Concen: 234.330 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6702-120220MSD

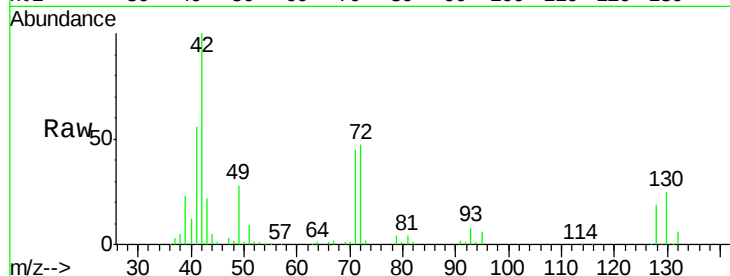
Tot Ion: 42 Resp: 224036

Ion Ratio Lower Upper

42 100

72 46.4 36.6 54.8

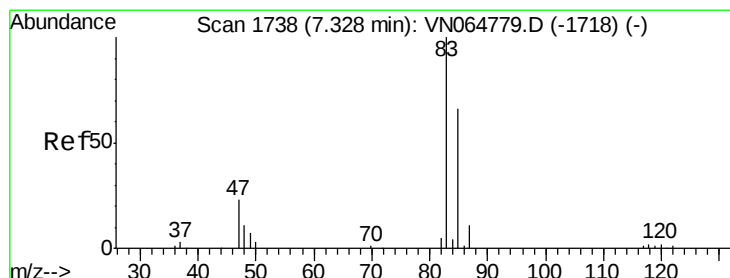
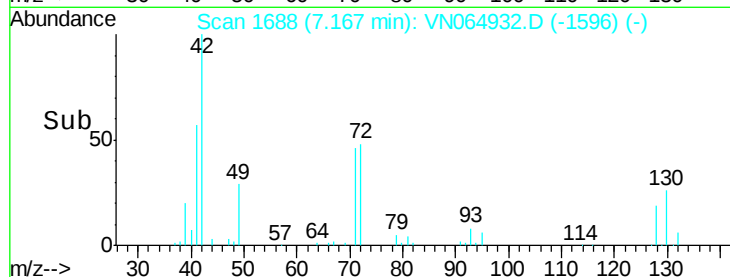
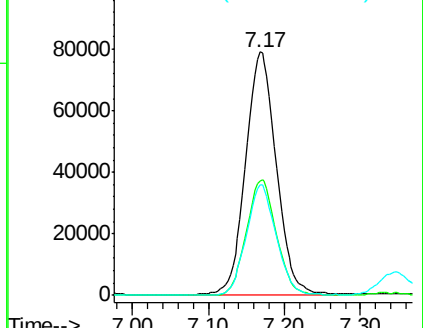
71 44.1 33.6 50.4



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: 47.787 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064932.D

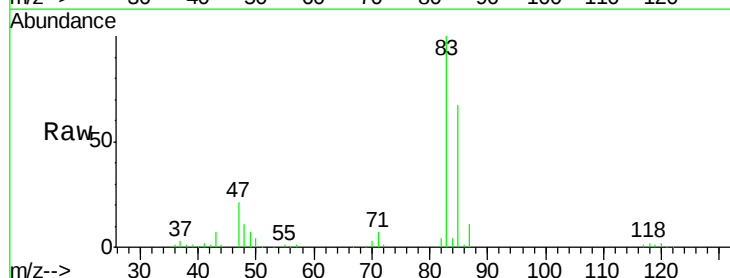
Acq: 4 Dec 2020 20:31

Tgt Ion: 83 Resp: 210782

Ion Ratio Lower Upper

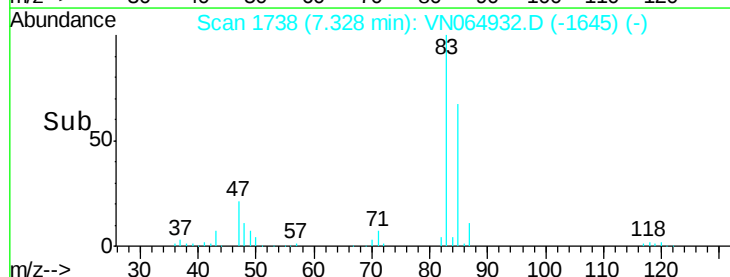
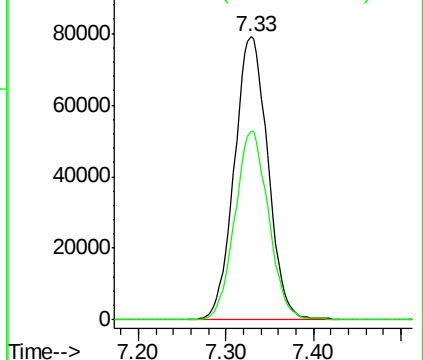
83 100

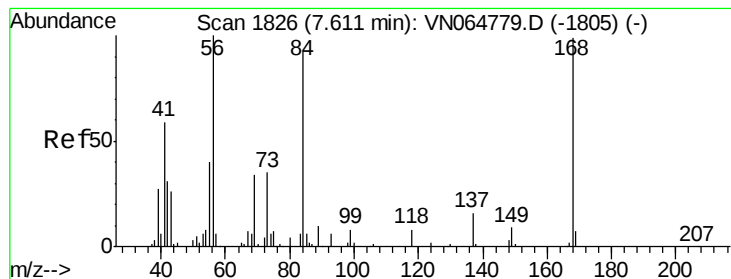
85 66.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 122.626 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6702-120220MSD

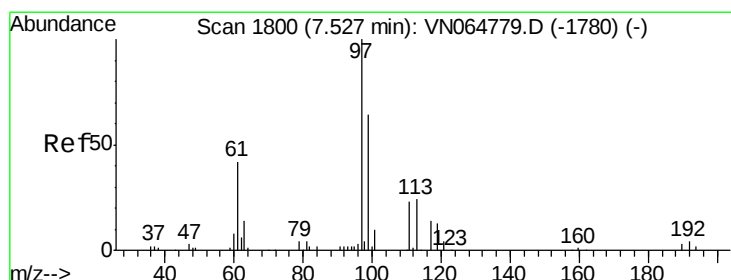
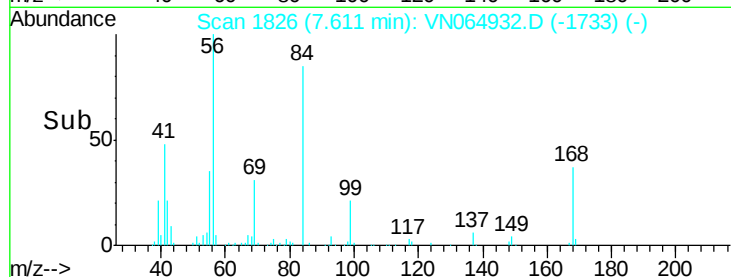
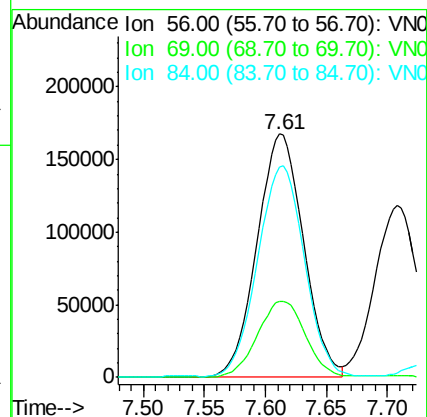
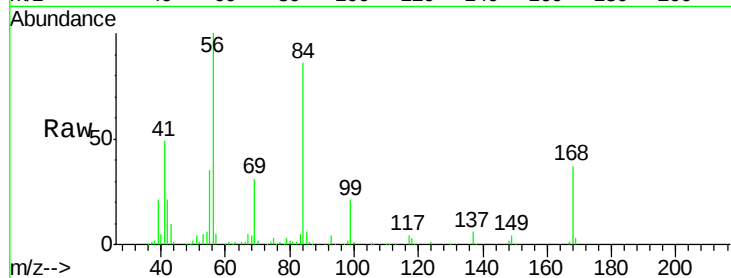
Tot Ion: 56 Resp: 444217

Ion Ratio Lower Upper

56 100

69 31.1 27.5 41.3

84 85.8 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 47.302 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

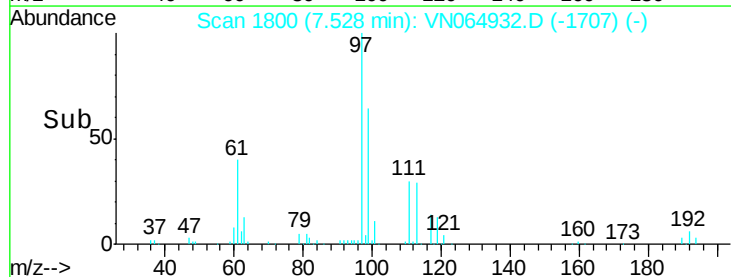
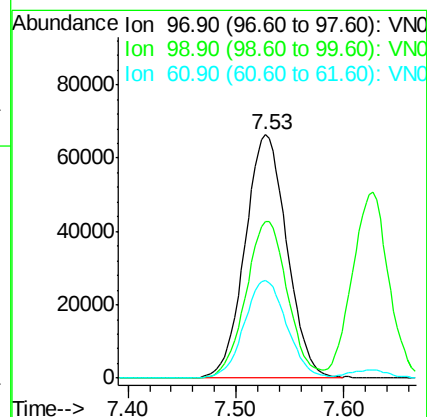
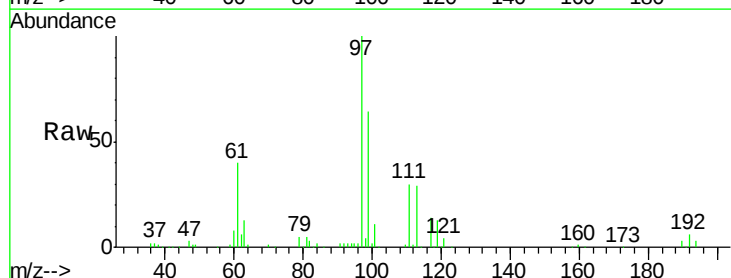
Tgt Ion: 97 Resp: 179198

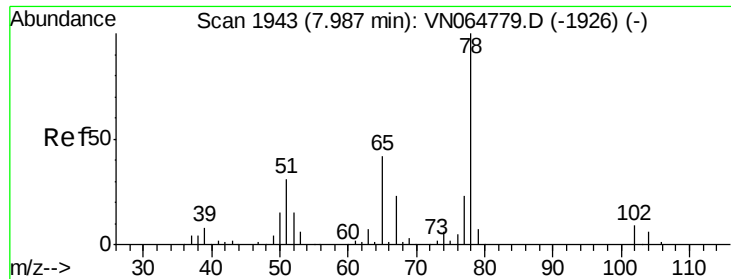
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 40.8 33.9 50.9

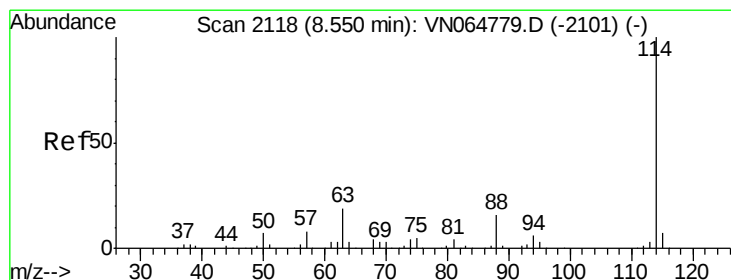
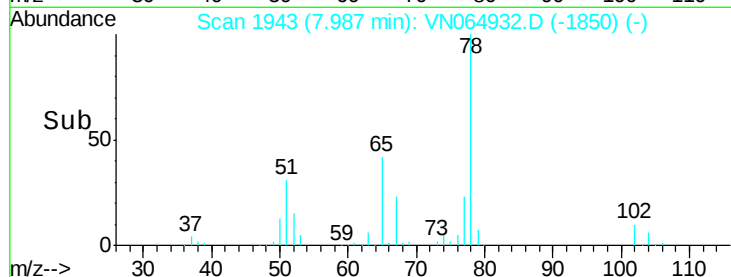
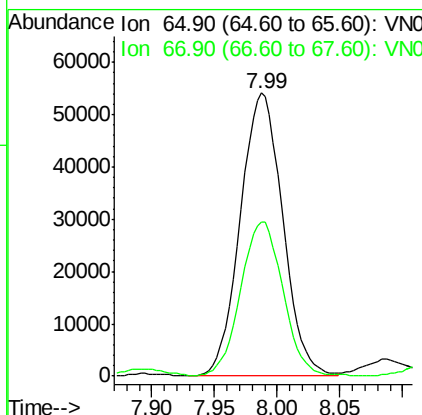
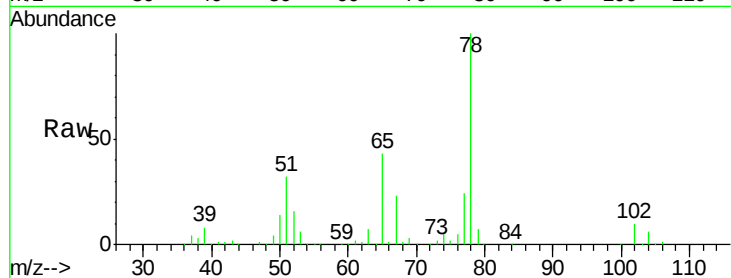




#33
 1,2-Dichloroethane-d4
 Concen: 49.149 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

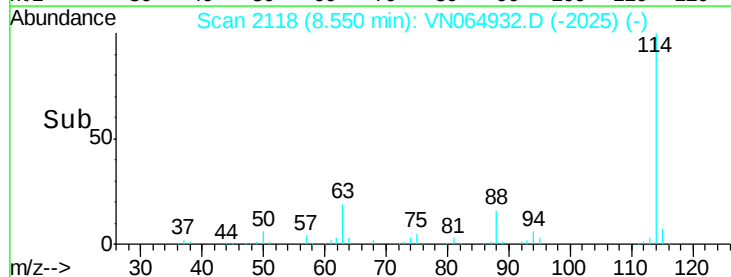
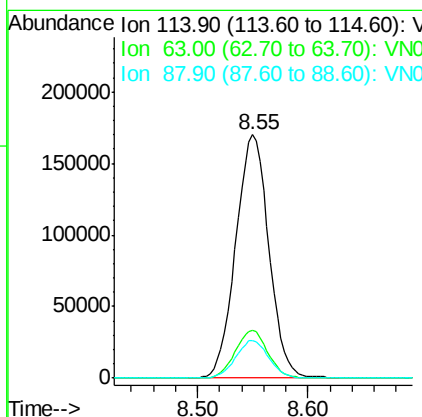
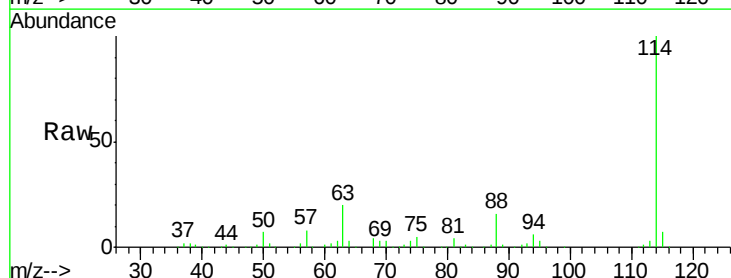
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MSD

Tot Ion: 65 Resp: 127743
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

Tgt Ion: 114 Resp: 353657
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.6 0.0 32.6

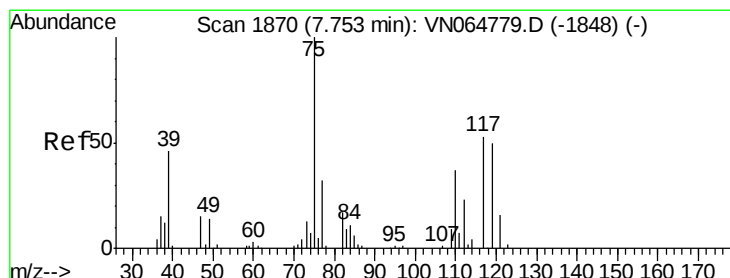
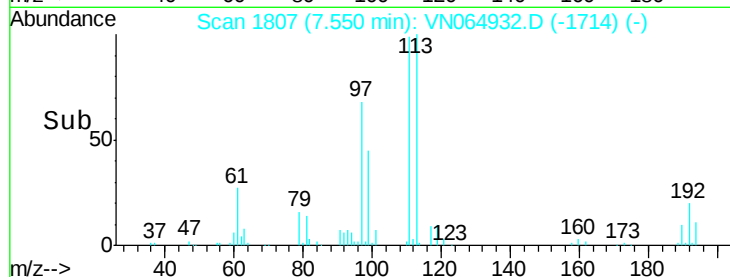
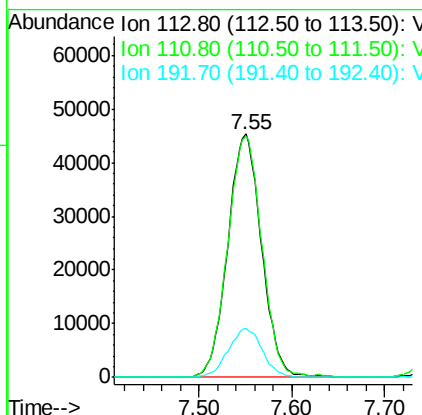
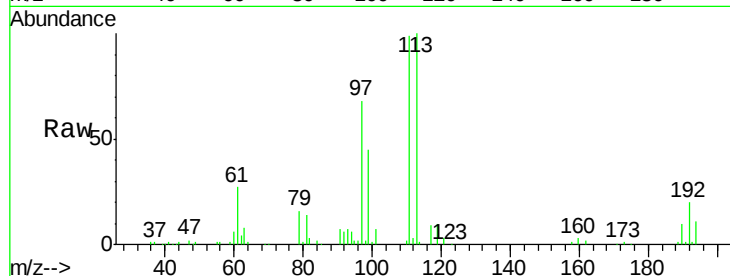




#35
 Dibromofluoromethane
 Concen: 54.054 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

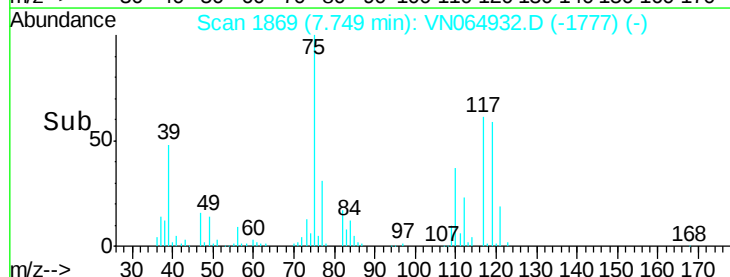
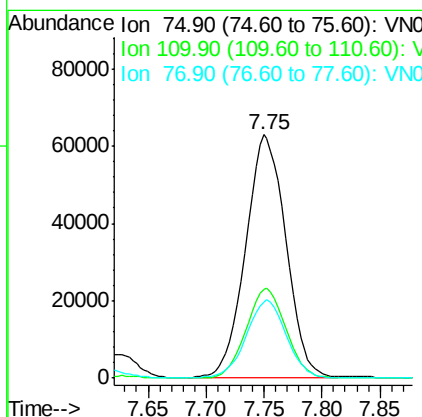
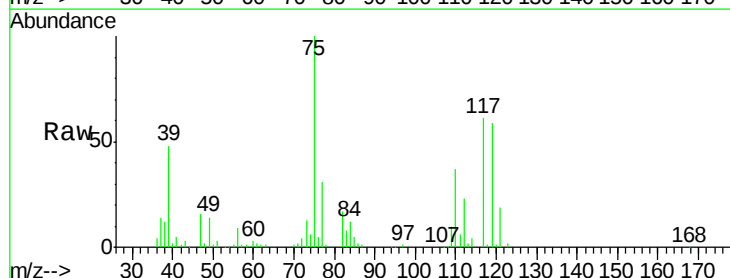
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MSD

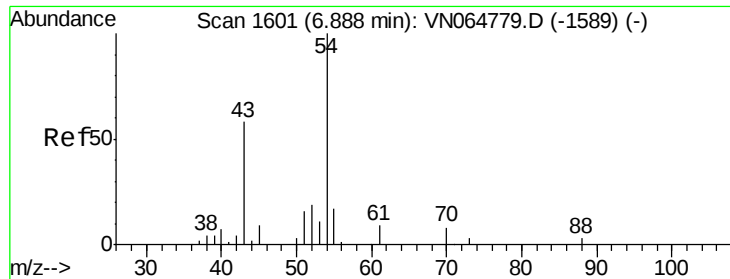
Tot Ion:113 Resp: 114387
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.6 122.4
 192 20.2 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 46.503 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

Tgt Ion: 75 Resp: 152438
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.8 53.3
 77 32.0 25.0 37.4

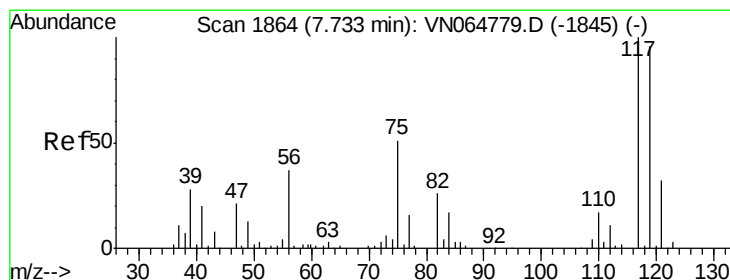
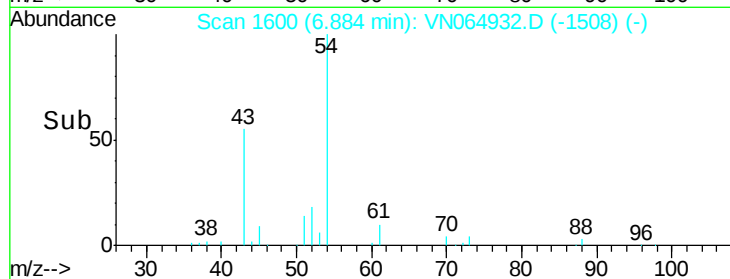
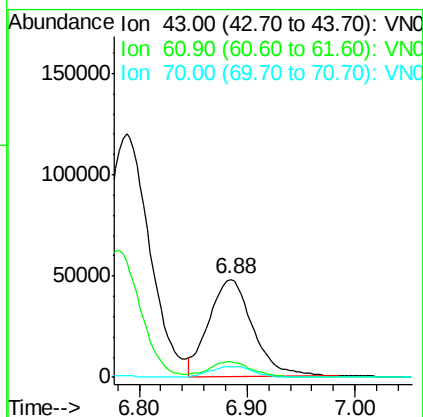
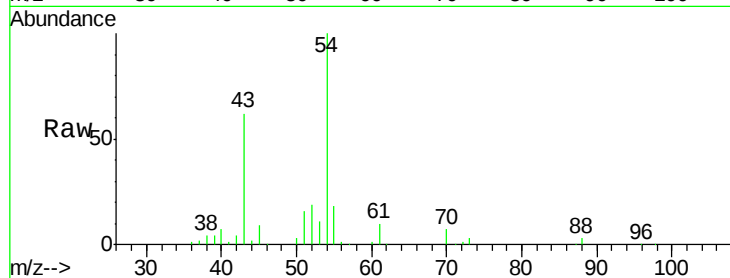




#37
Ethyl Acetate
Concen: 42.834 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

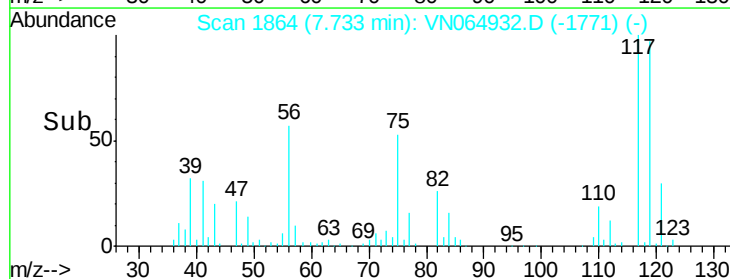
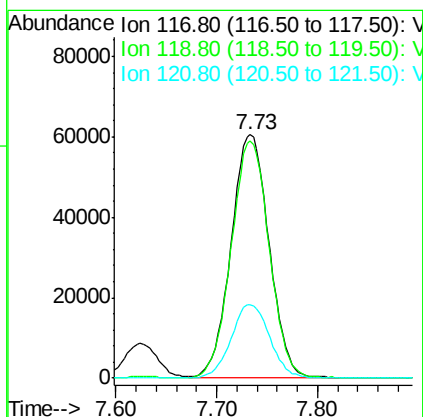
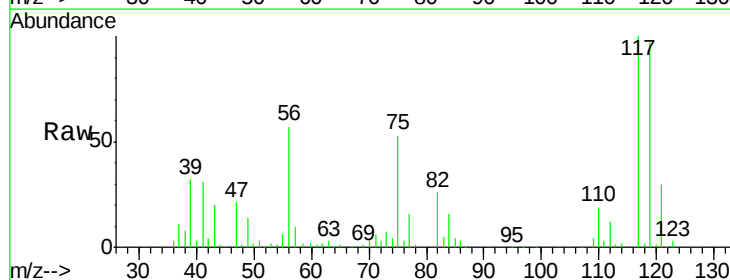
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

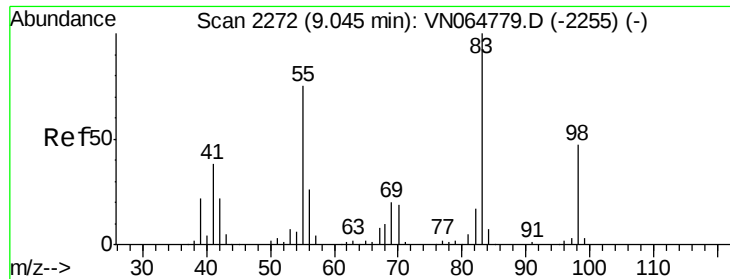
Tot Ion: 43 Resp: 135255
Ion Ratio Lower Upper
43 100
61 16.0 12.8 19.2
70 11.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 46.490 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion: 117 Resp: 158569
Ion Ratio Lower Upper
117 100
119 97.3 76.7 115.1
121 30.3 25.4 38.2

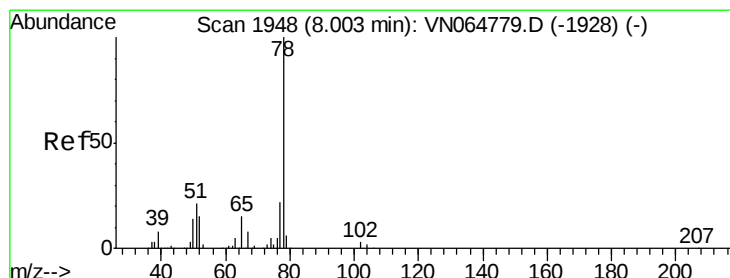
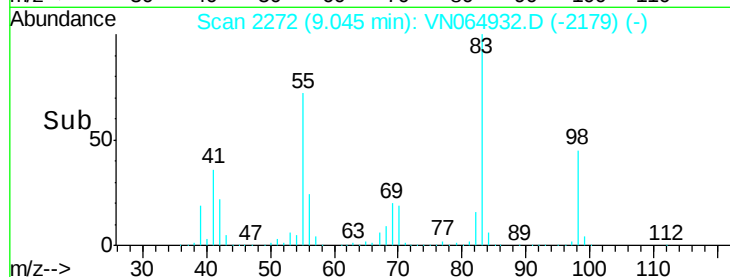
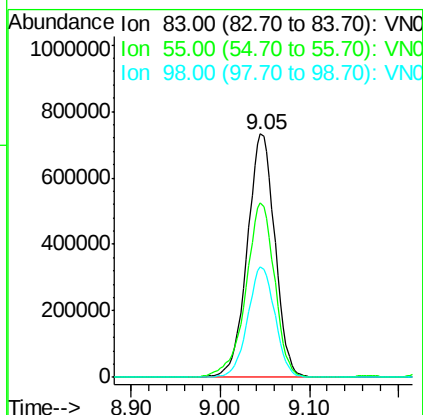
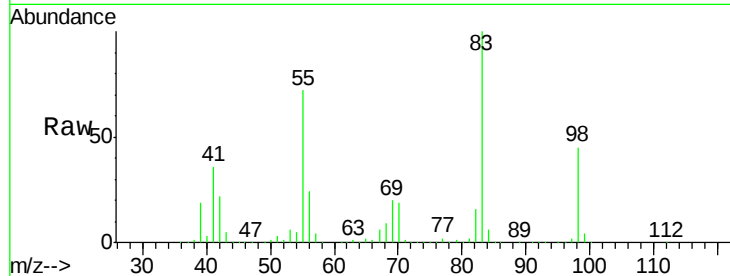




#39
Methvlcvclohexane
Concen: 445.856 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

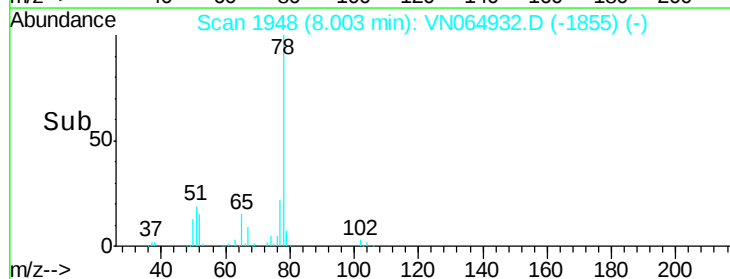
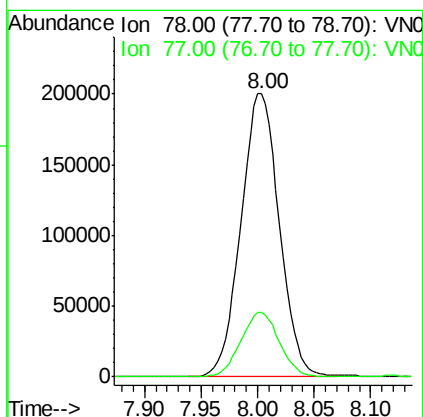
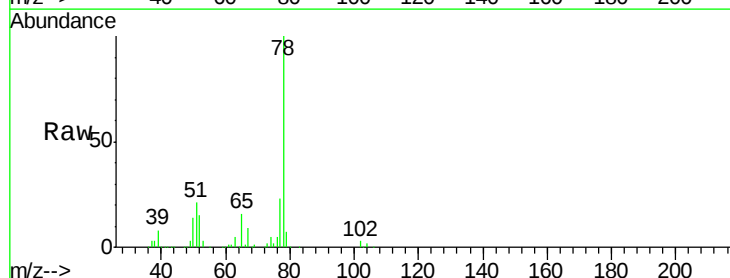
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

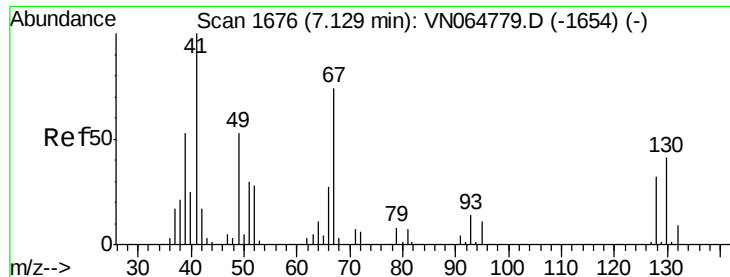
Tot Ion: 83 Resp: 1573351
Ion Ratio Lower Upper
83 100
55 71.8 60.2 90.2
98 45.2 37.4 56.2



#40
Benzene
Concen: 47.068 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion: 78 Resp: 472801
Ion Ratio Lower Upper
78 100
77 22.6 17.9 26.9

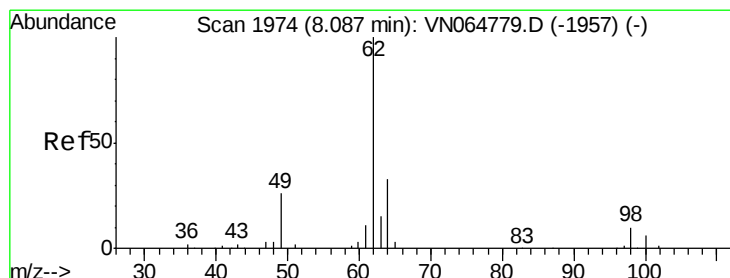
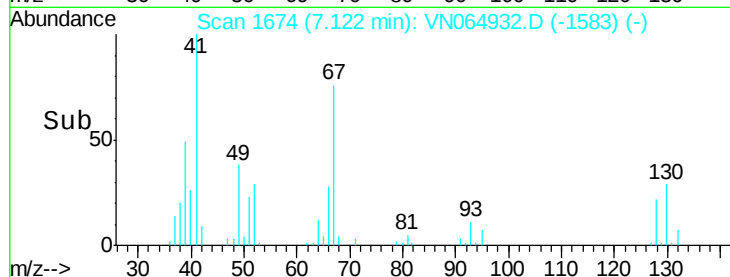
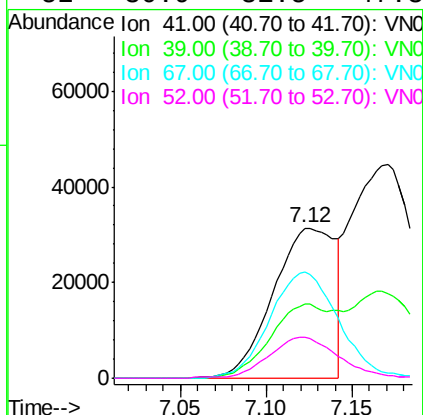
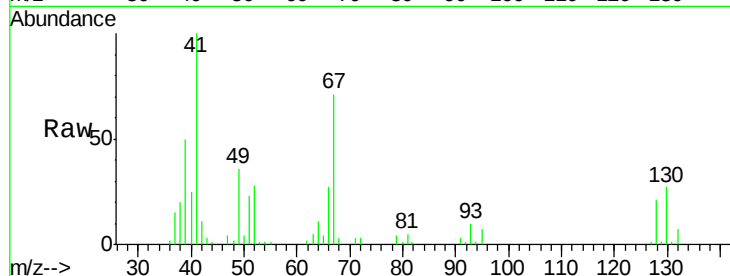




#41
Methacrylonitrile
Concen: 54.116 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

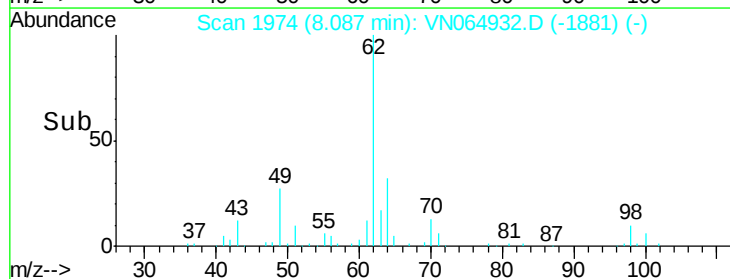
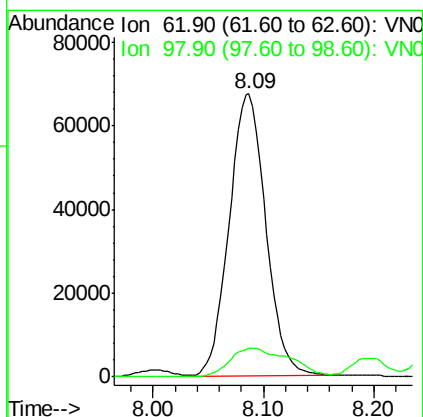
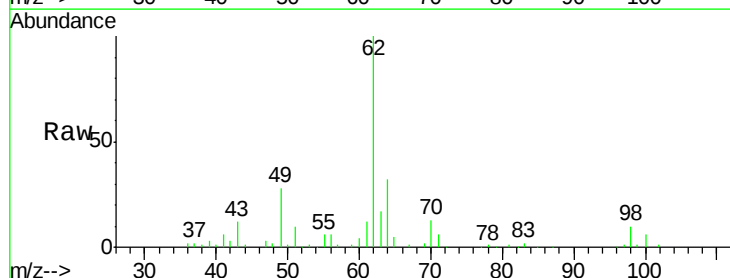
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

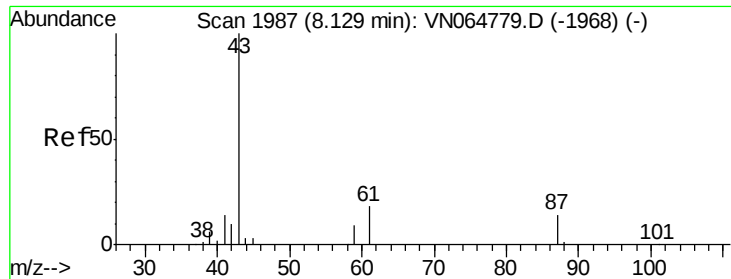
Tot Ion: 41 Resp: 78847
Ion Ratio Lower Upper
41 100
39 43.4 51.0 76.6#
67 78.2 79.8 119.8#
52 30.9 31.5 47.3#



#42
1,2-Dichloroethane
Concen: 45.819 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion: 62 Resp: 155265
Ion Ratio Lower Upper
62 100
98 16.7 0.0 19.6





#43

Isopropyl Acetate

Concen: 55.678 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6702-120220MSD

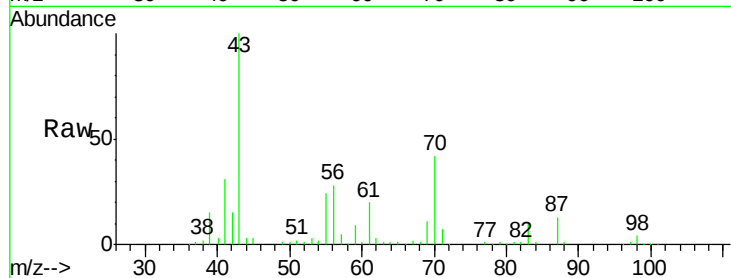
Tot Ion: 43 Resp: 282903

Ion Ratio Lower Upper

43 100

61 24.5 17.2 25.8

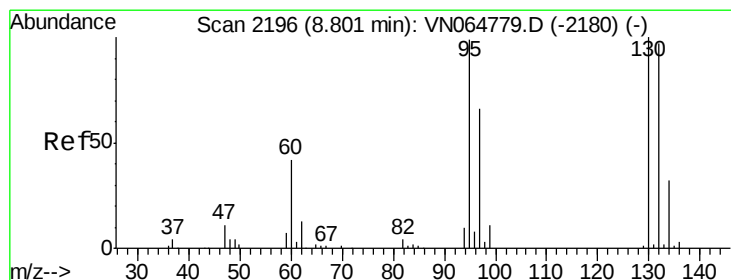
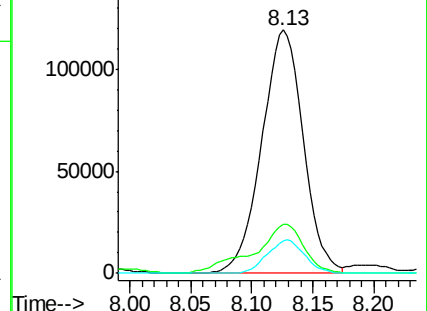
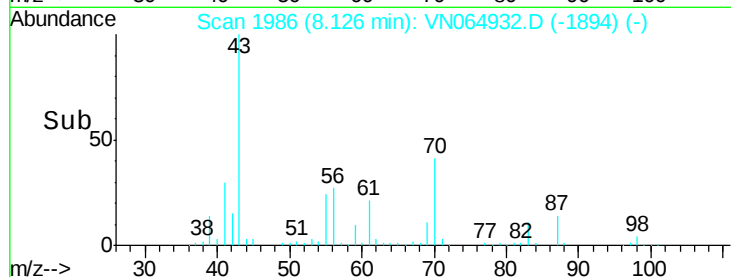
87 12.3 11.4 17.0



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: 43.276 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064932.D

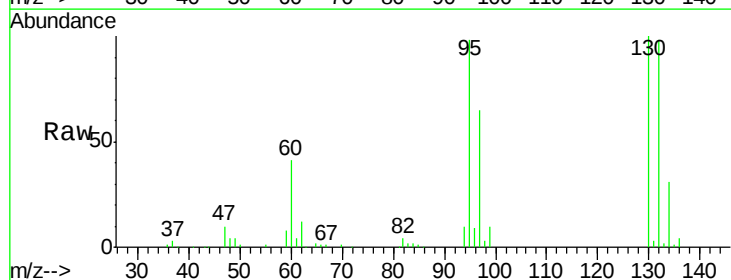
Acq: 4 Dec 2020 20:31

Tgt Ion:130 Resp: 128262

Ion Ratio Lower Upper

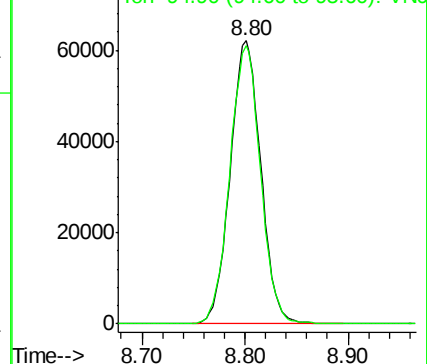
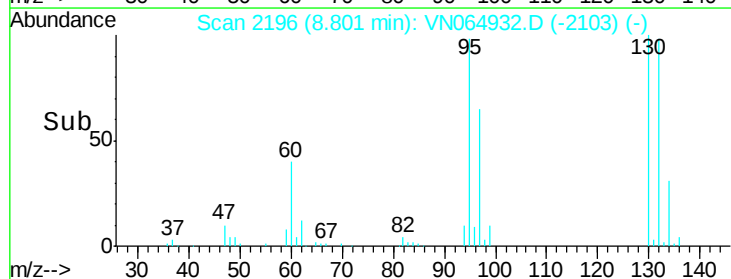
130 100

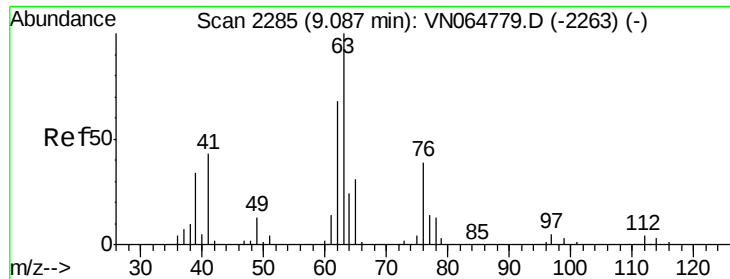
95 98.5 0.0 197.8



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

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

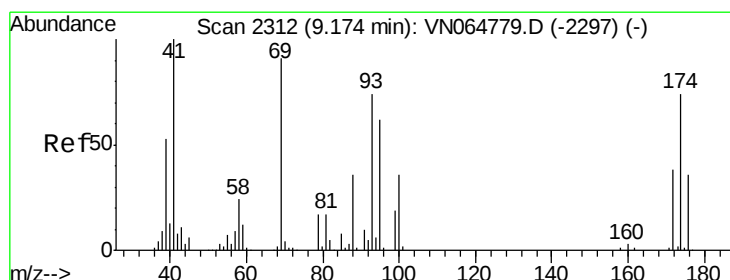
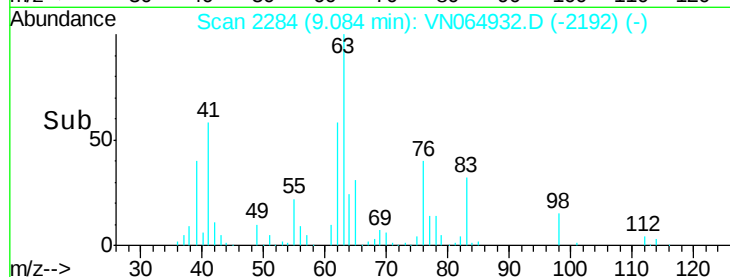
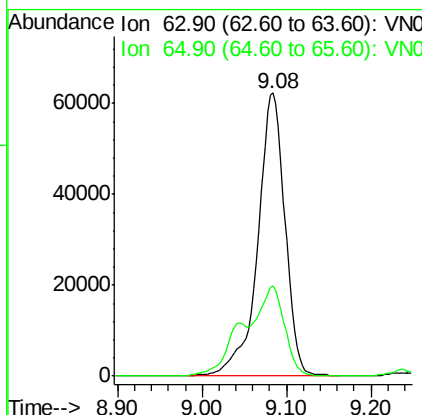
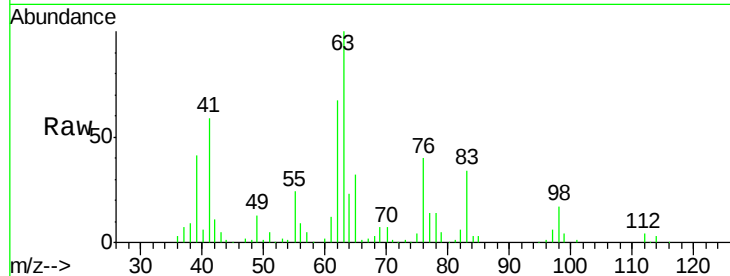




#45
 1,2-Dichloropropane
 Concen: 53.658 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

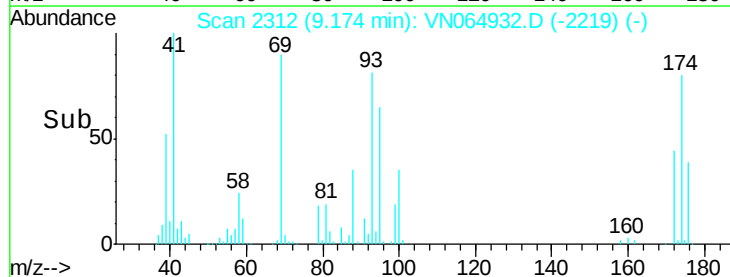
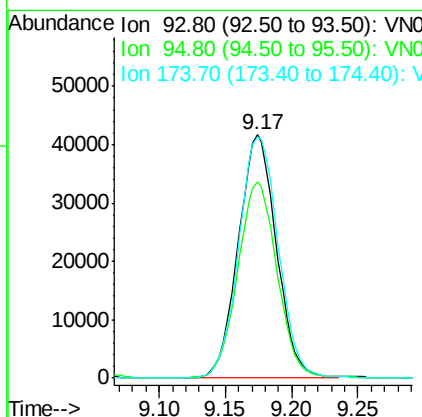
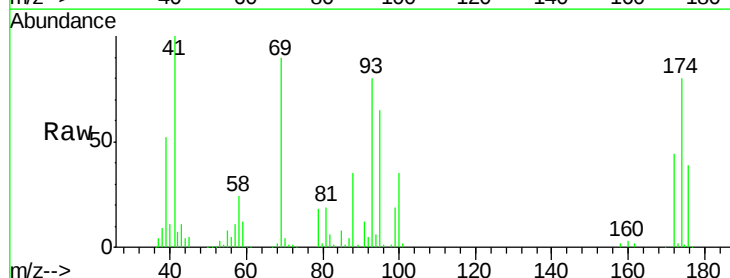
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MSD

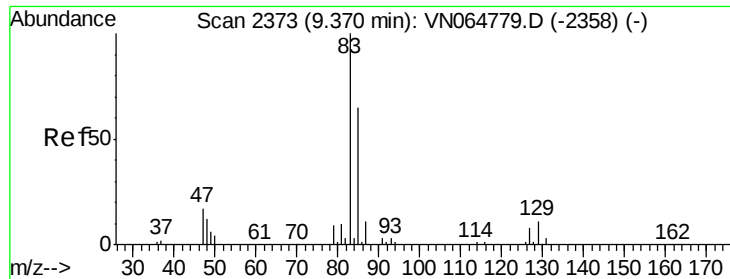
Tot Ion: 63 Resp: 139582
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.0 37.4



#46
 Dibromomethane
 Concen: 48.120 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

Tgt Ion: 93 Resp: 83627
 Ion Ratio Lower Upper
 93 100
 95 83.2 68.8 103.2
 174 102.6 83.1 124.7





#47

Bromodichloromethane

Concen: 48.842 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6702-120220MSD

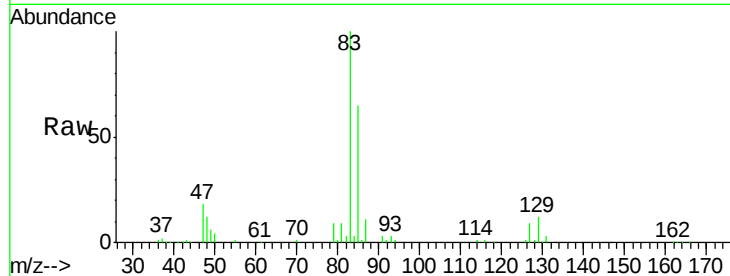
Tot Ion: 83 Resp: 170791

Ion Ratio Lower Upper

83 100

85 65.1 51.8 77.8

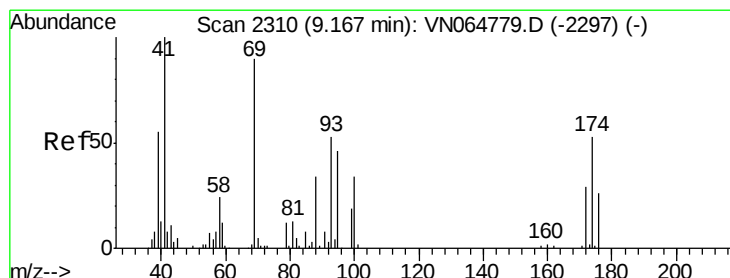
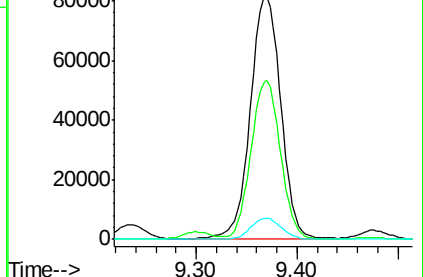
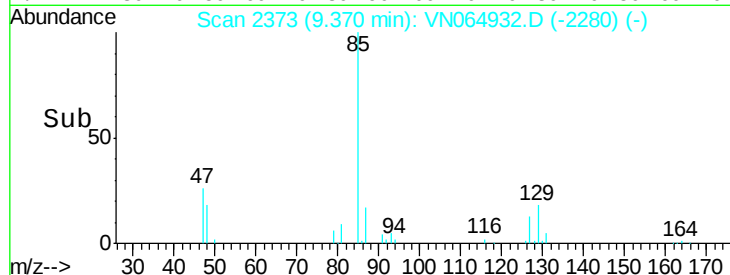
127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064932.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064932.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064932.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.383 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

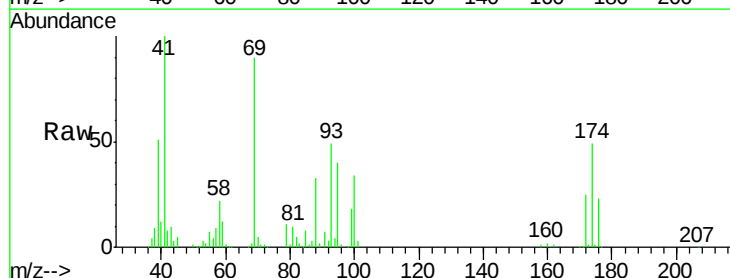
Tgt Ion: 41 Resp: 122325

Ion Ratio Lower Upper

41 100

69 86.7 71.8 107.8

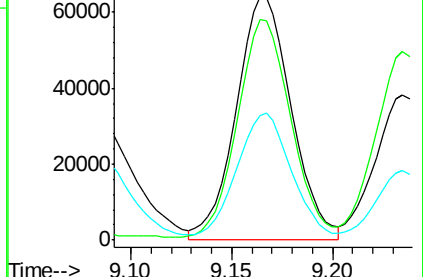
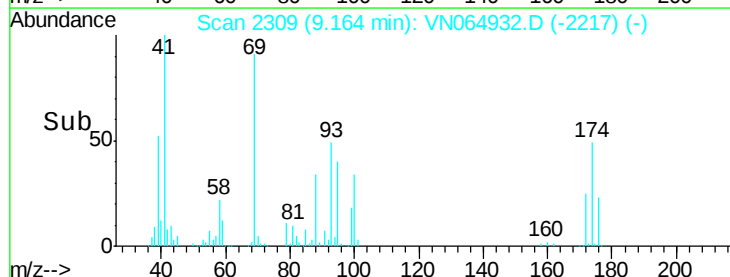
39 52.6 44.1 66.1

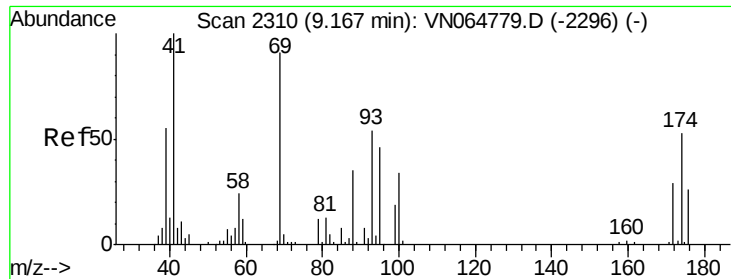


Abundance Ion 41.00 (40.70 to 41.70): VN064932.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064932.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064932.D (-2217) (-)

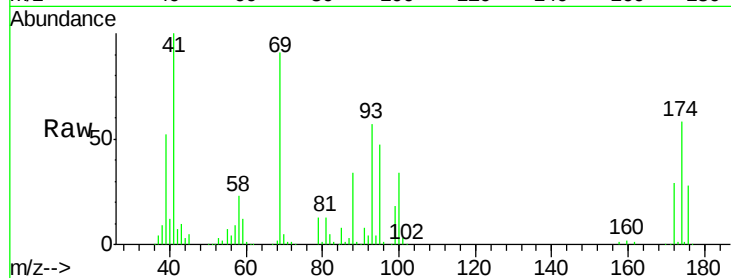




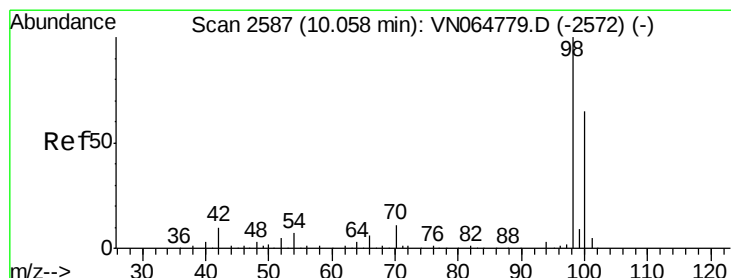
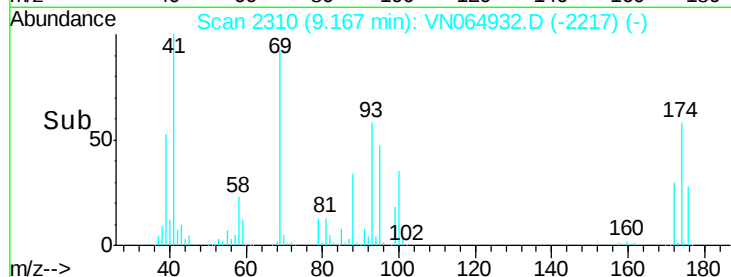
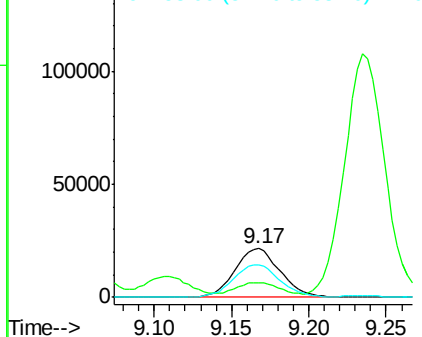
#49
 1,4-Dioxane
 Concen: 947.507 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MSD

Tot Ion: 88 Resp: 43479
 Ion Ratio Lower Upper
 88 100
 43 30.1 24.2 36.4
 58 68.5 52.5 78.7

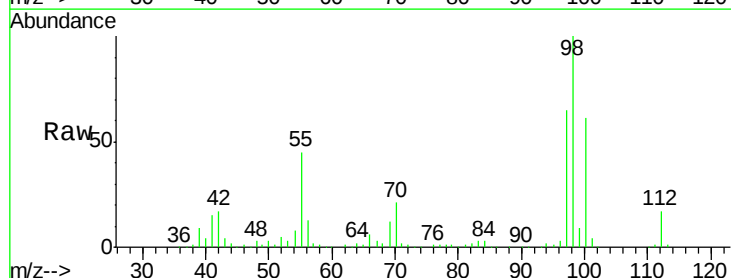


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

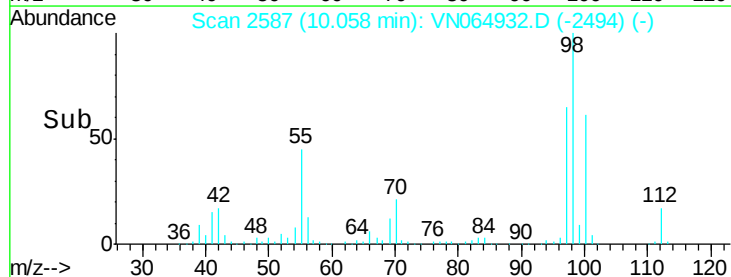
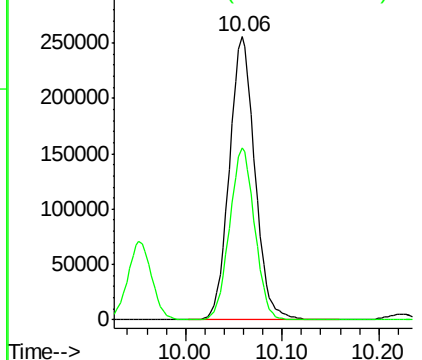


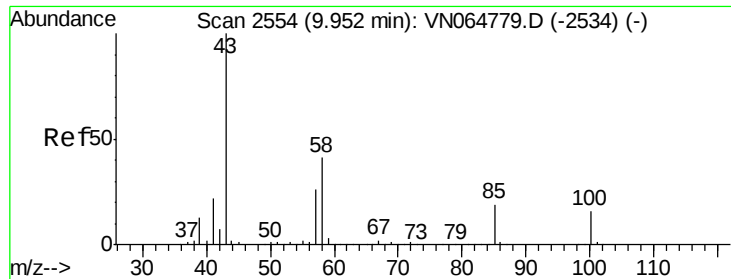
#50
 Toluene-d8
 Concen: 54.218 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

Tgt Ion: 98 Resp: 468793
 Ion Ratio Lower Upper
 98 100
 100 59.8 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: 238.921 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

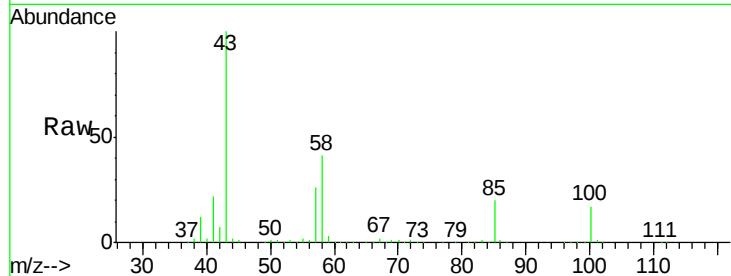
SS013-13-6702-120220MSD

Tot Ion: 43 Resp: 728801

Ion Ratio Lower Upper

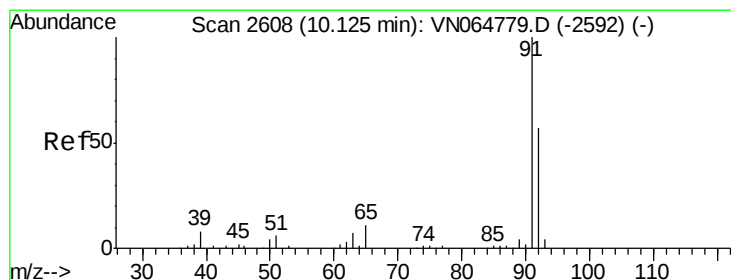
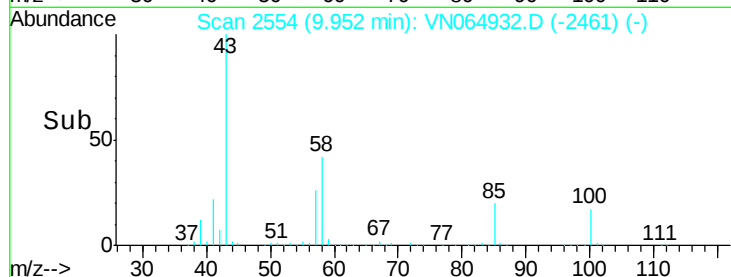
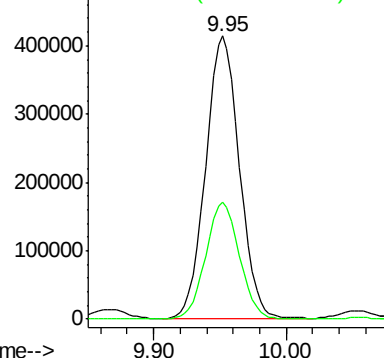
43 100

58 41.5 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 48.243 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064932.D

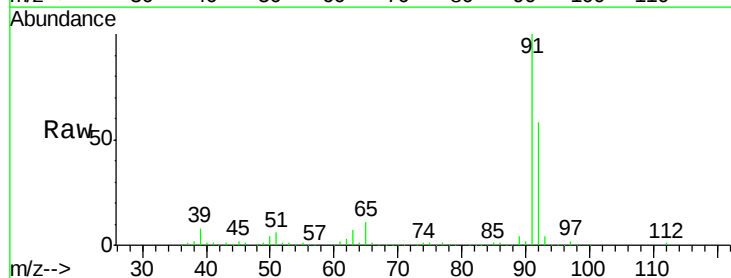
Acq: 4 Dec 2020 20:31

Tgt Ion: 92 Resp: 298438

Ion Ratio Lower Upper

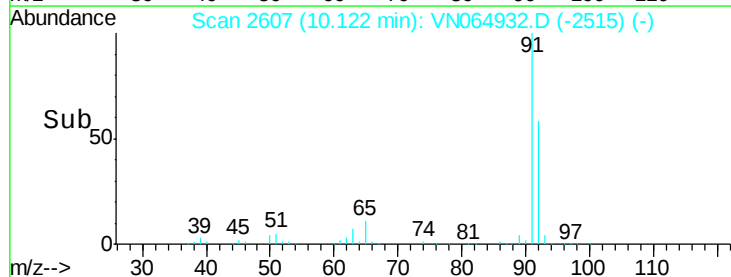
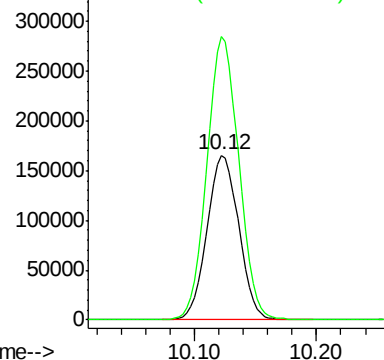
92 100

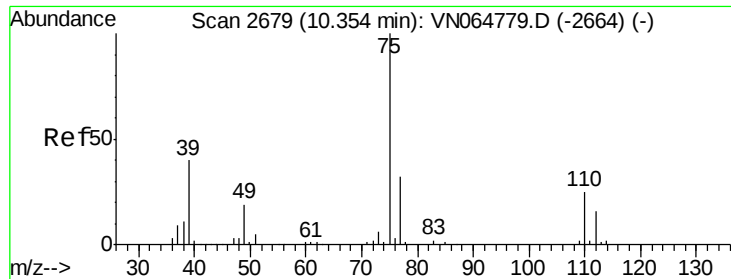
91 171.6 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 47.541 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

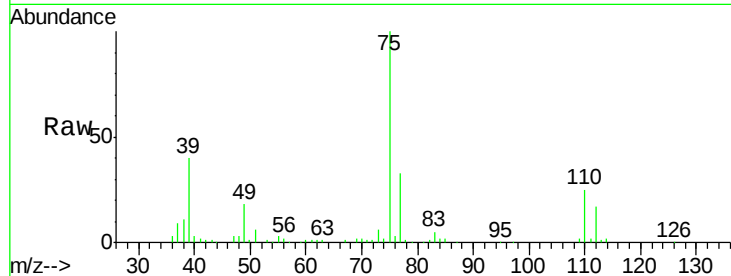
SS013-13-6702-120220MSD

Tot Ion: 75 Resp: 185160

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

120000

100000

80000

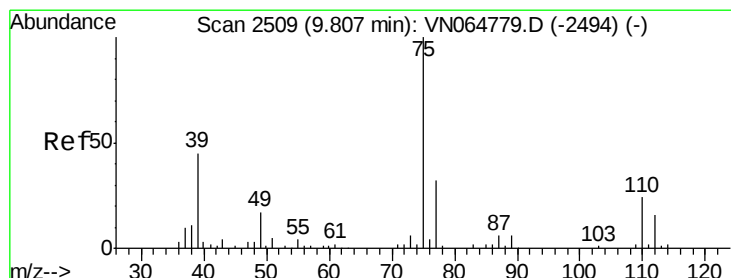
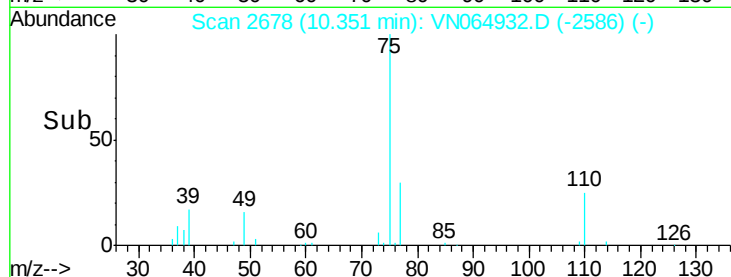
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.155 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

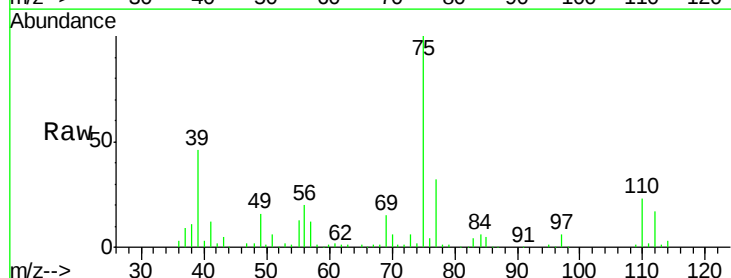
Tgt Ion: 75 Resp: 201032

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

39 46.4 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

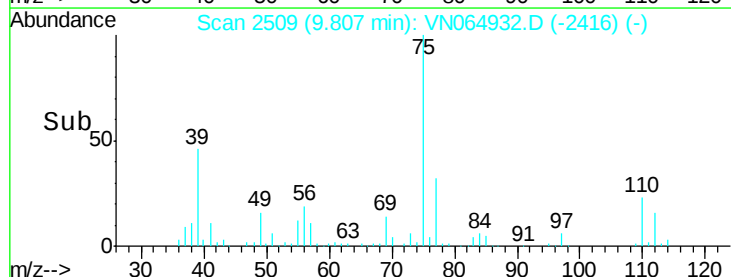
150000

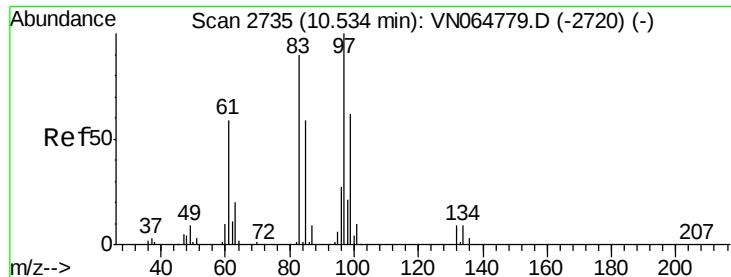
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 45.460 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6702-120220MSD

Tot Ion: 97 Resp: 115642

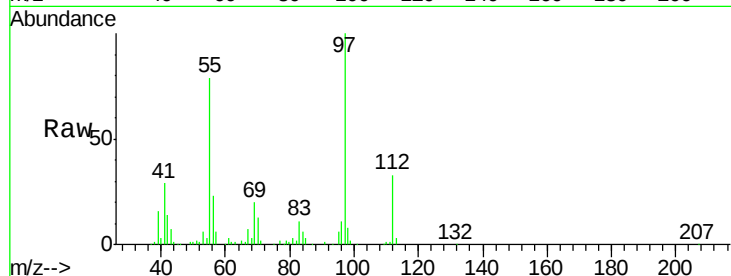
Ion Ratio Lower Upper

97 100

83 11.0 72.1 108.1#

85 3.0 46.8 70.2#

99 2.0 49.6 74.4#

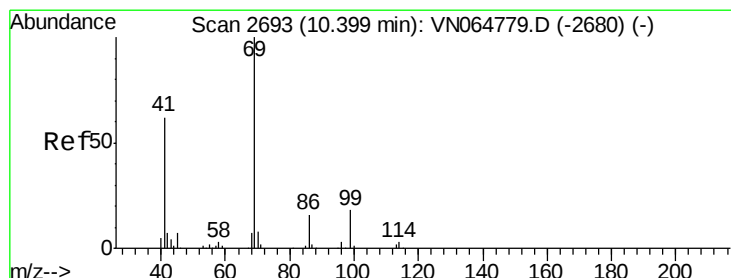
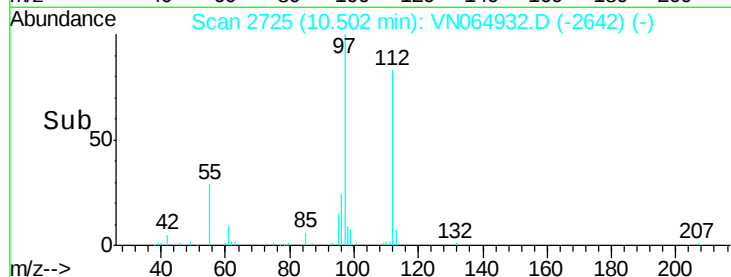
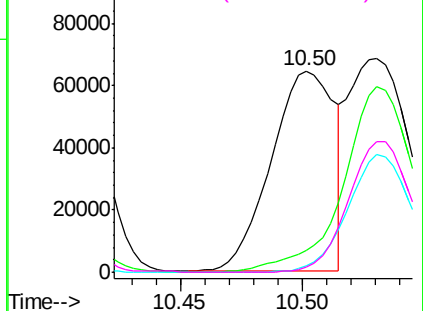


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 68.252 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

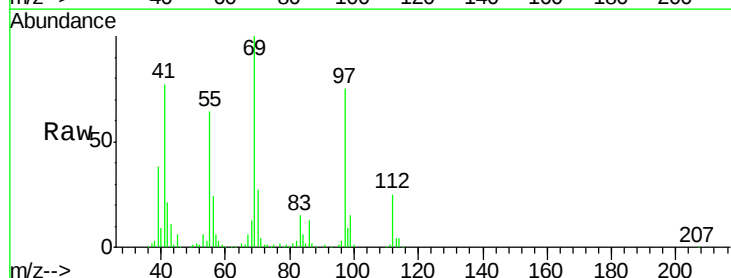
Tgt Ion: 69 Resp: 239588

Ion Ratio Lower Upper

69 100

41 76.9 49.4 74.0#

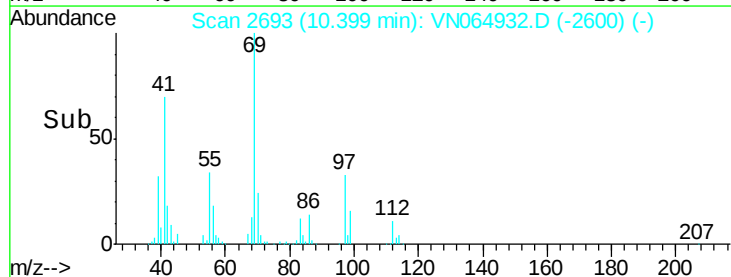
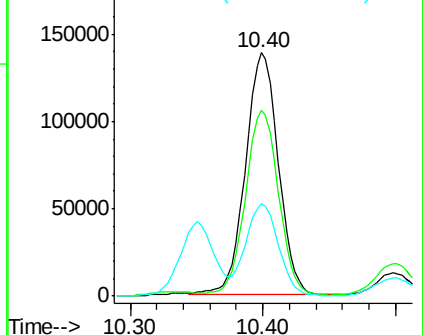
39 38.4 25.9 38.9

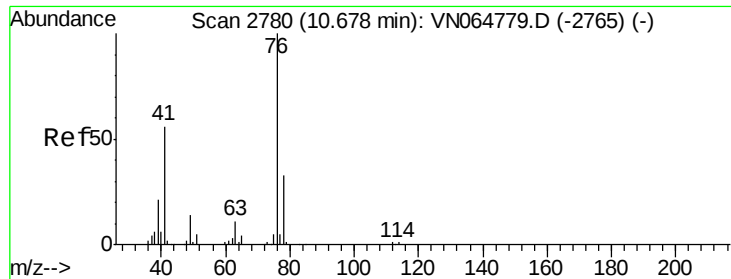


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

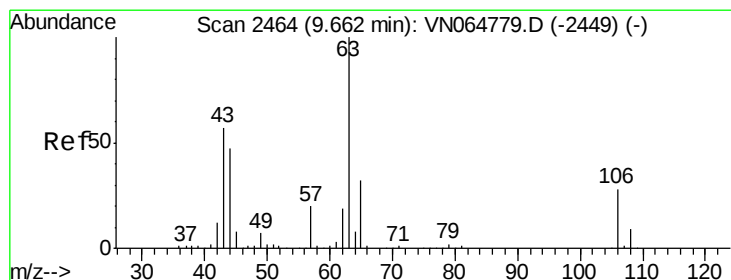
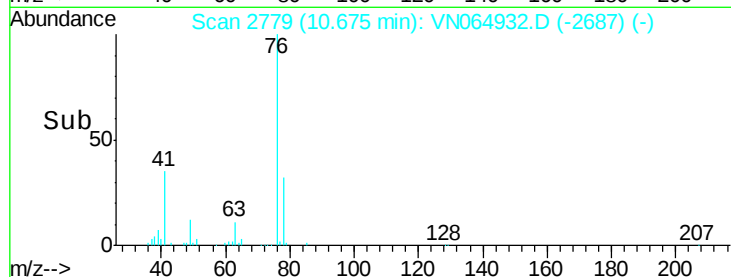
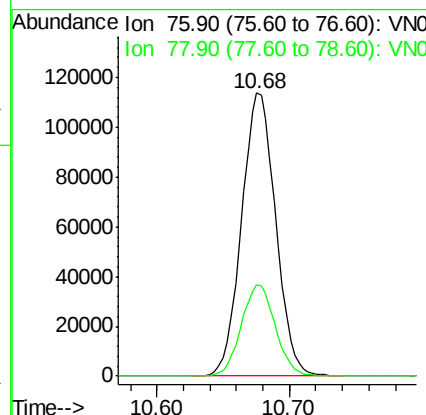
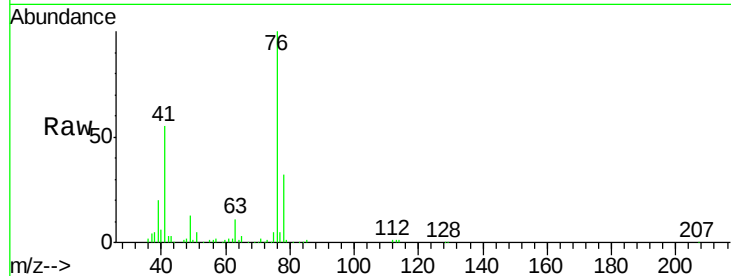




#57
 1,3-Dichloropropane
 Concen: 48.362 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

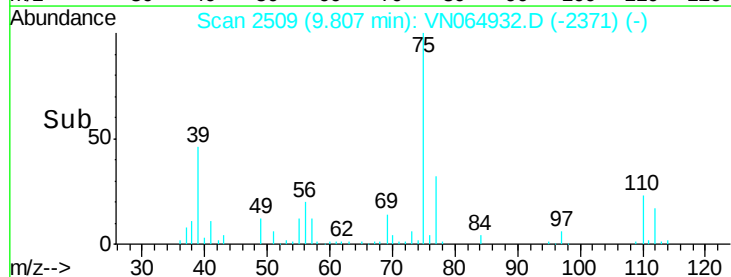
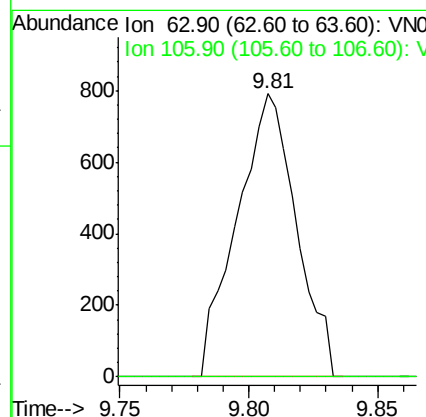
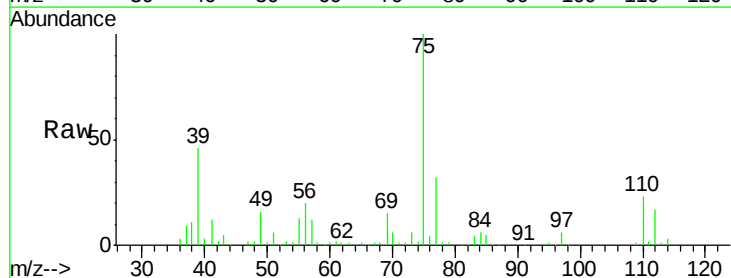
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MSD

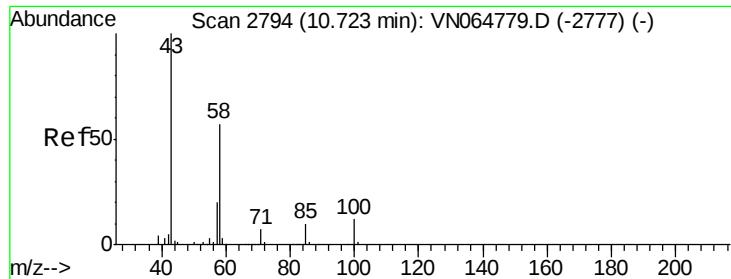
Tot Ion: 76 Resp: 202937
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.657 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.14 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

Tgt Ion: 63 Resp: 1268
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#

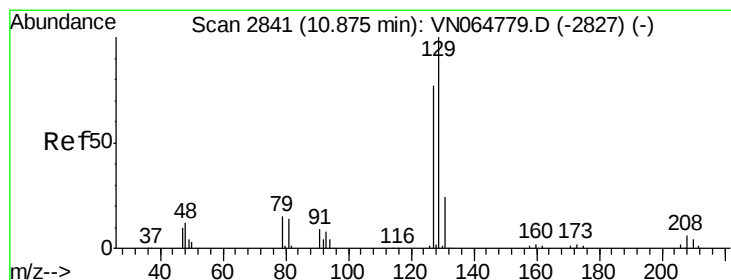
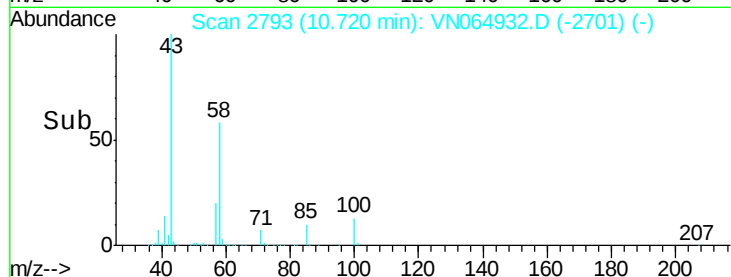
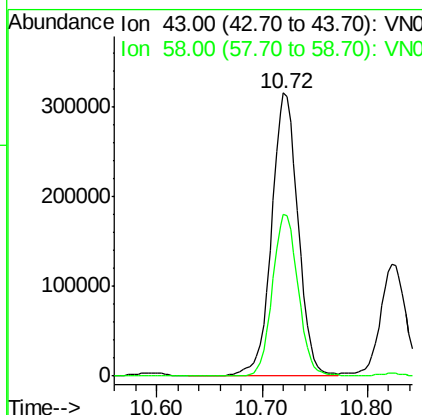
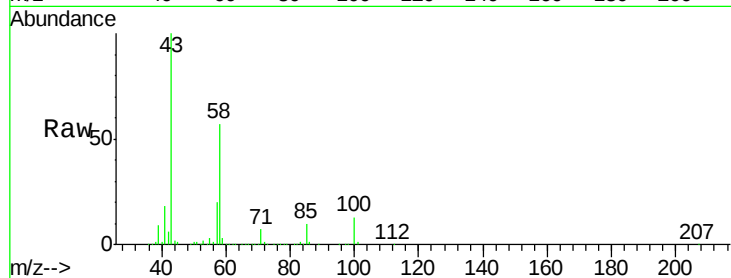




#59
2-Hexanone
Concen: 249.782 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

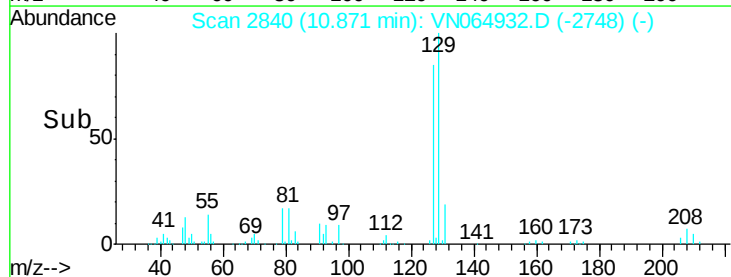
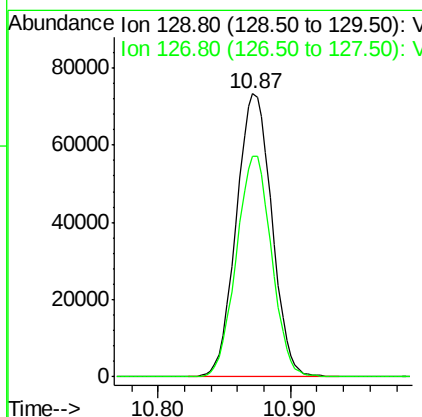
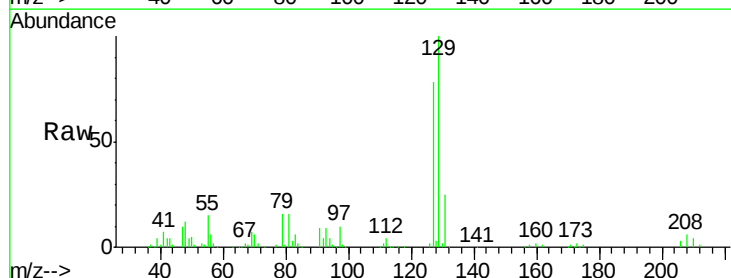
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

Tot Ion: 43 Resp: 548350
Ion Ratio Lower Upper
43 100
58 55.8 28.3 84.9



#60
Dibromochloromethane
Concen: 48.321 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion: 129 Resp: 136636
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.832 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

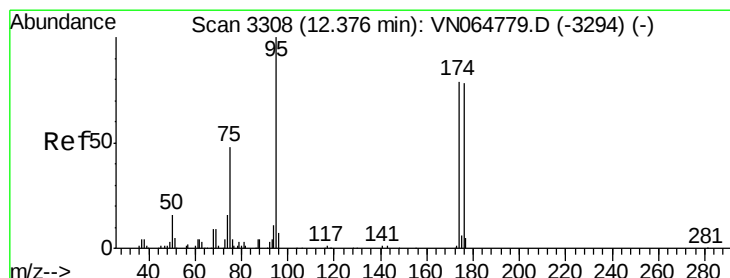
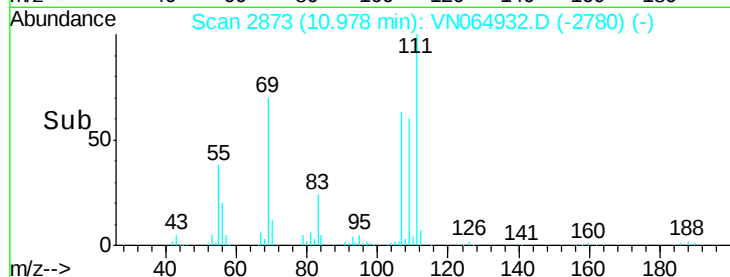
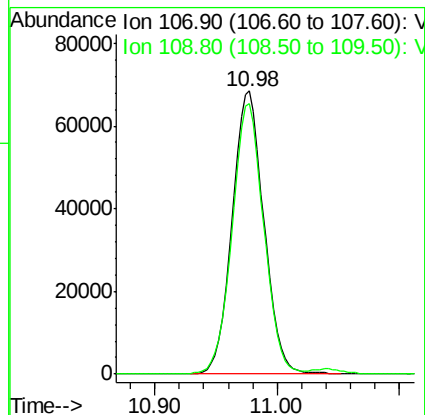
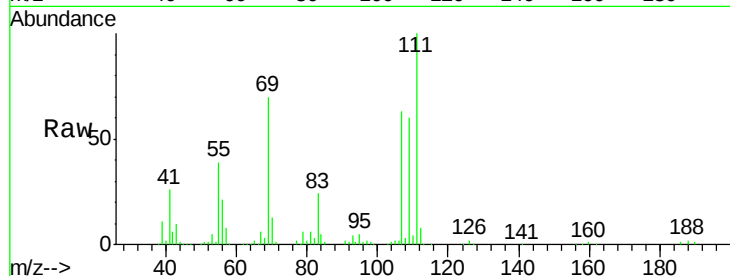
SS013-13-6702-120220MSD

Tot Ion:107 Resp: 123619

Ion Ratio Lower Upper

107 100

109 95.5 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 50.020 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

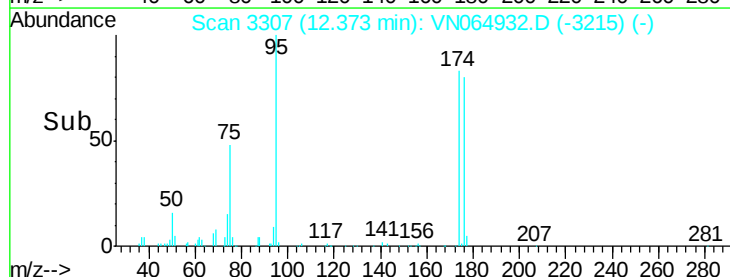
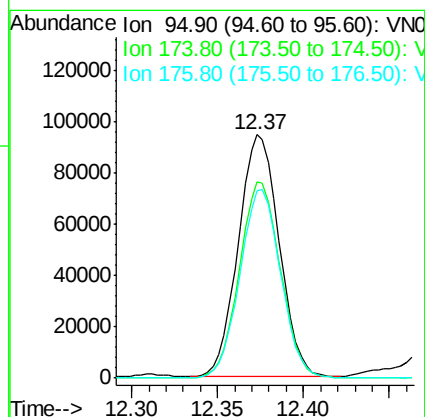
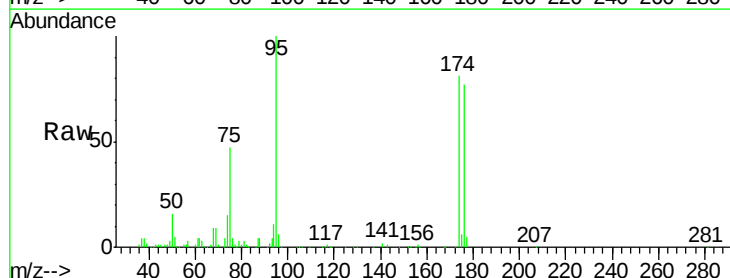
Tgt Ion: 95 Resp: 154784

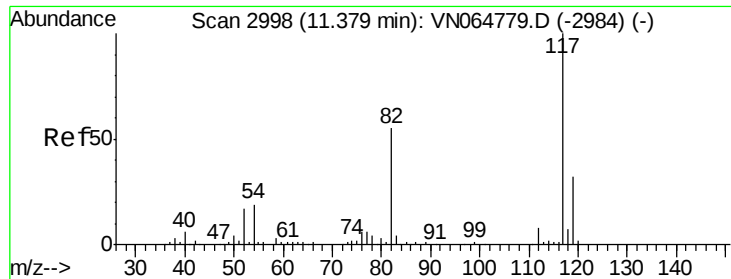
Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.4

176 78.5 0.0 158.4

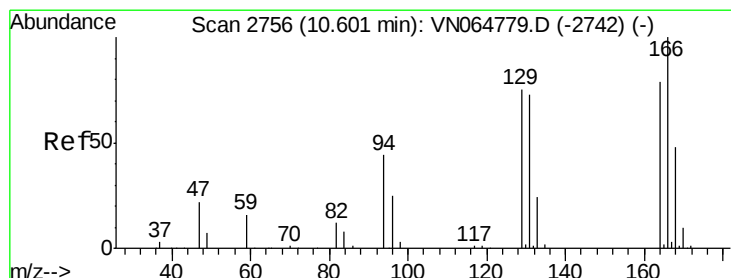
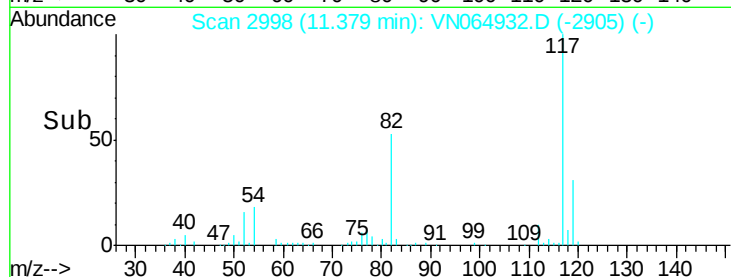
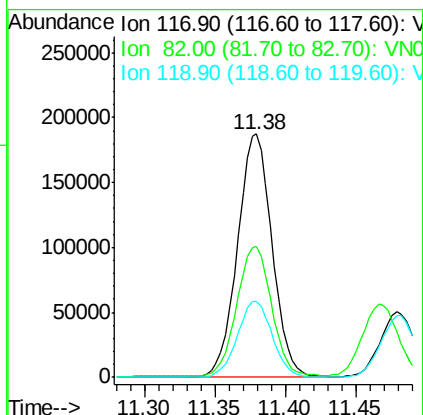
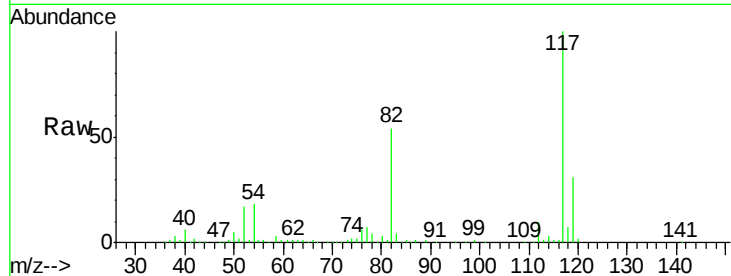




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

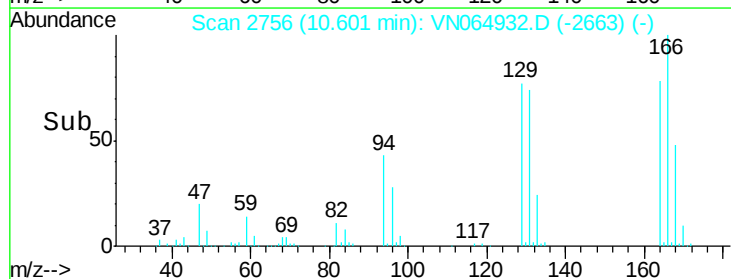
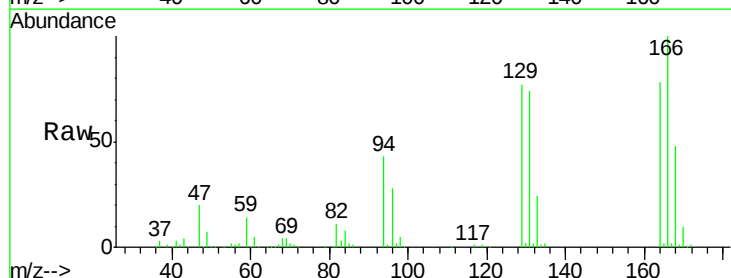
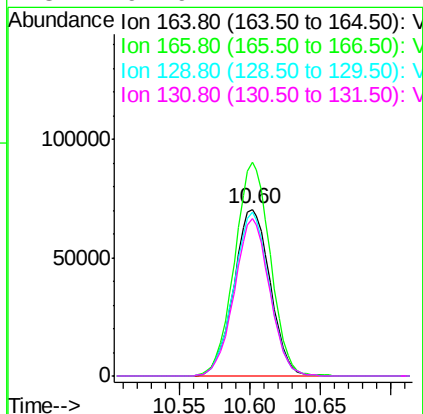
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

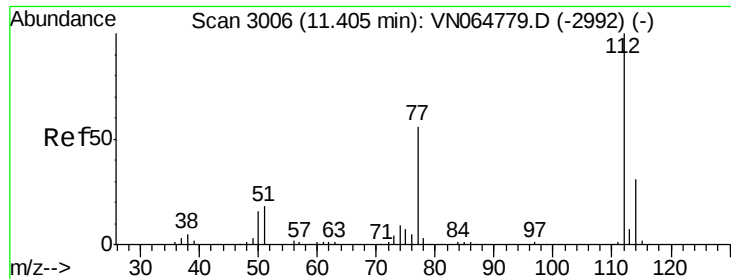
Tot Ion:117 Resp: 322348
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 31.1 25.8 38.6



#64
Tetrachloroethene
Concen: 40.542 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion:164 Resp: 127144
Ion Ratio Lower Upper
164 100
166 128.2 101.4 152.0
129 98.2 76.1 114.1
131 94.9 74.2 111.2

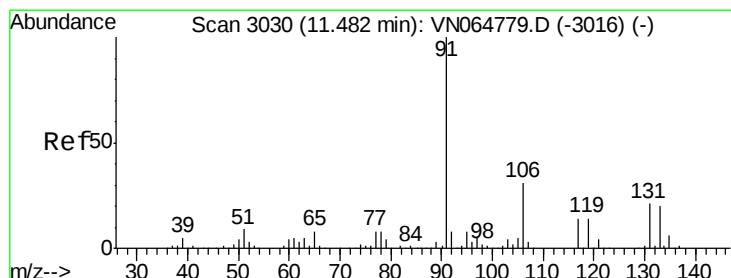
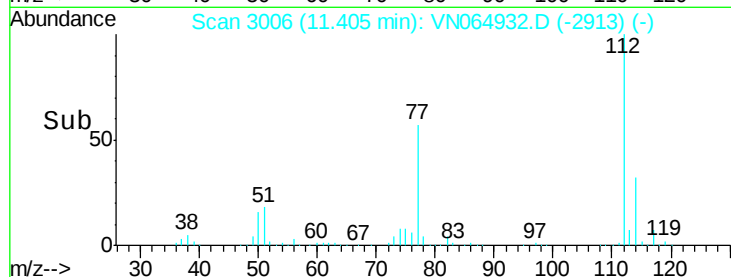
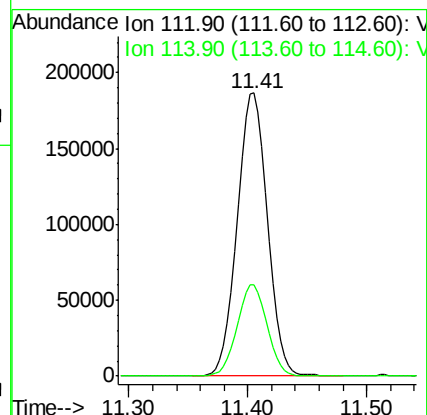
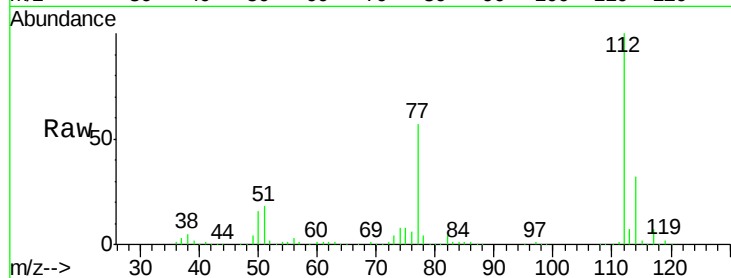




#65
Chlorobenzene
Concen: 47.427 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

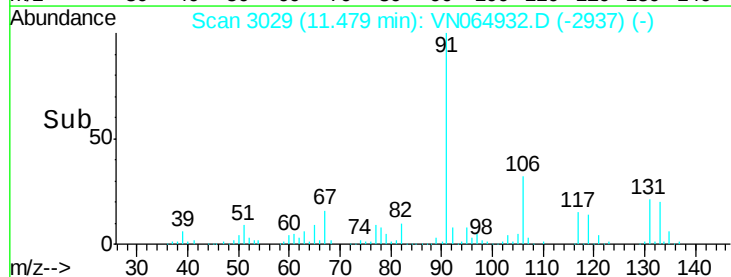
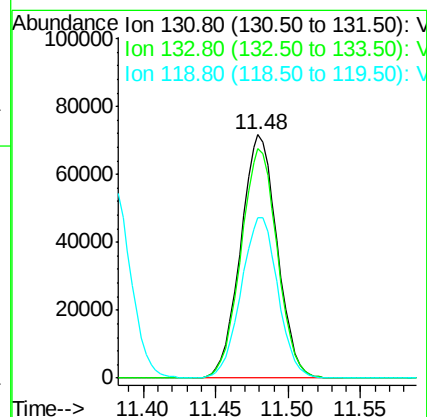
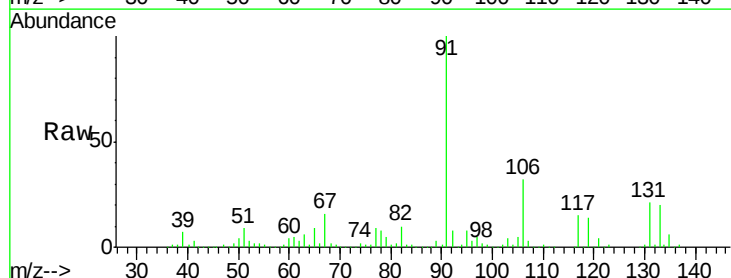
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

Tot Ion:112 Resp: 328303
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.215 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion:131 Resp: 125203
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 66.7 33.3 99.8

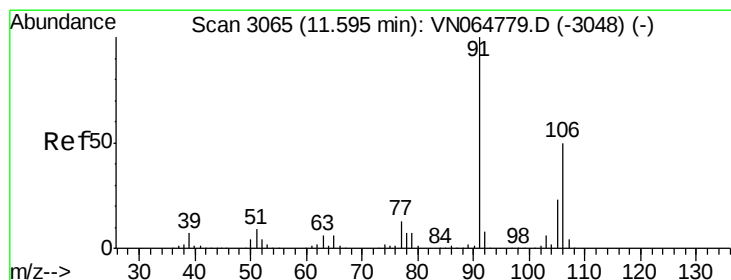
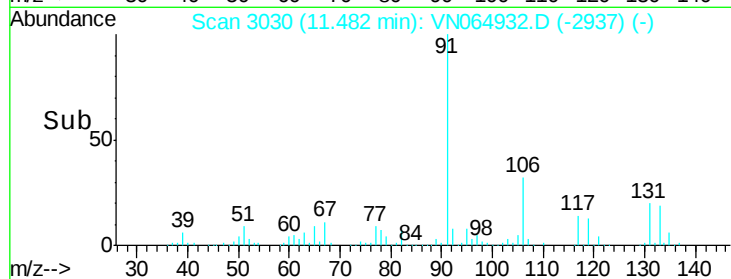
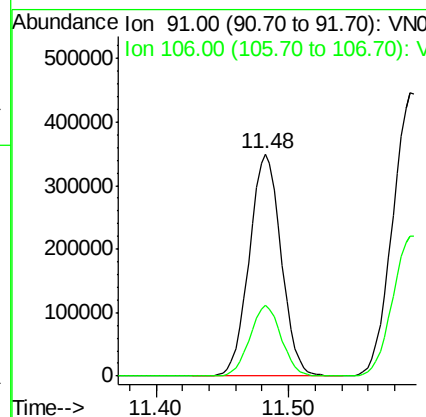
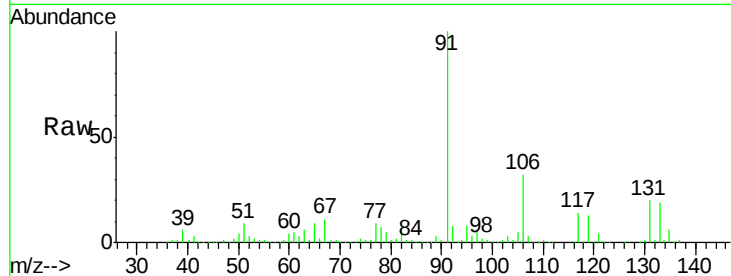




#67
Ethyl Benzene
Concen: 50.335 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

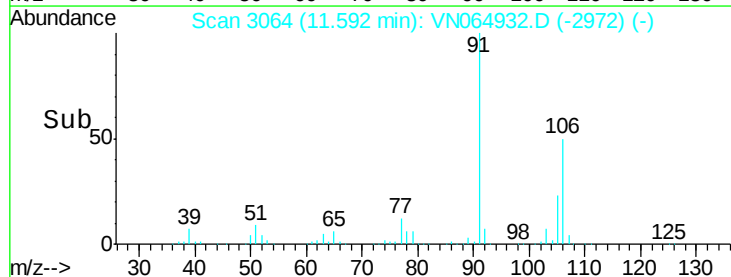
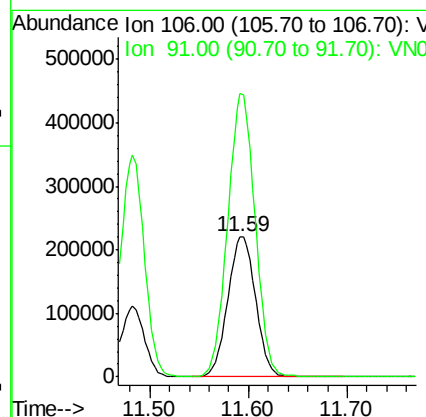
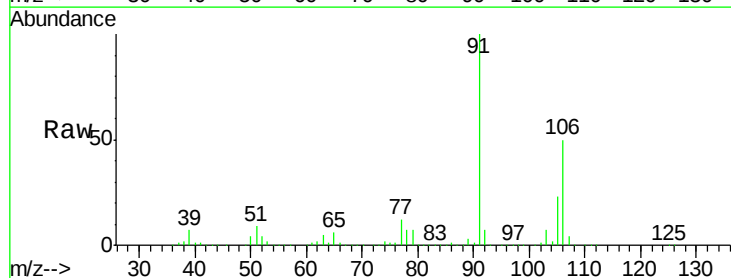
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

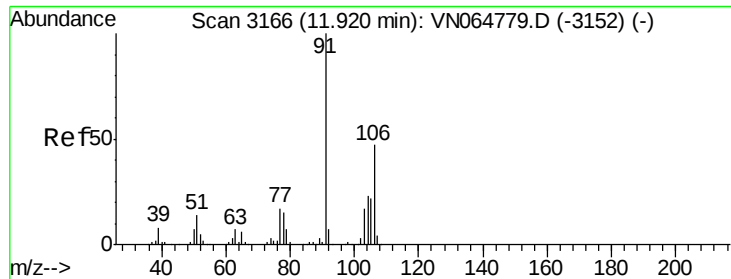
Tot Ion: 91 Resp: 582089
Ion Ratio Lower Upper
91 100
106 31.8 25.2 37.8



#68
m/p-Xylenes
Concen: 99.556 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion: 106 Resp: 435888
Ion Ratio Lower Upper
106 100
91 198.8 161.0 241.4

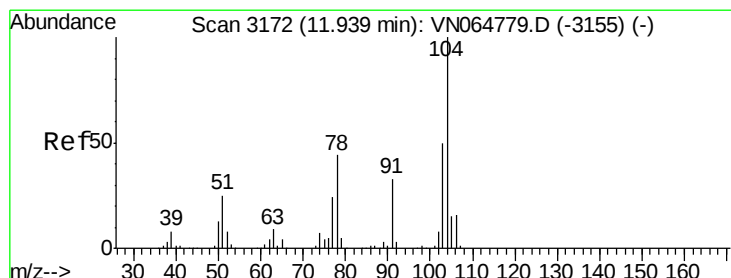
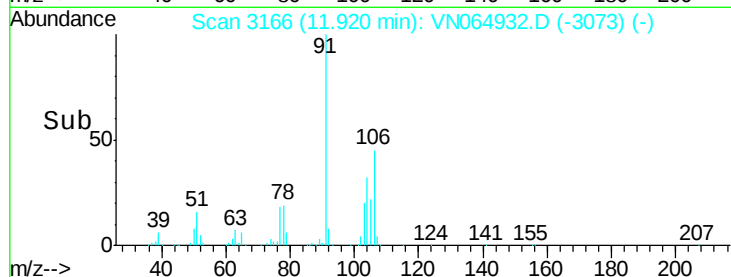
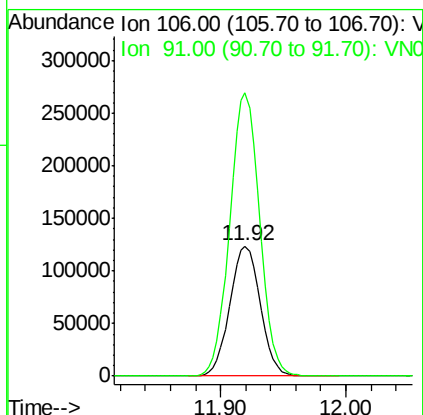
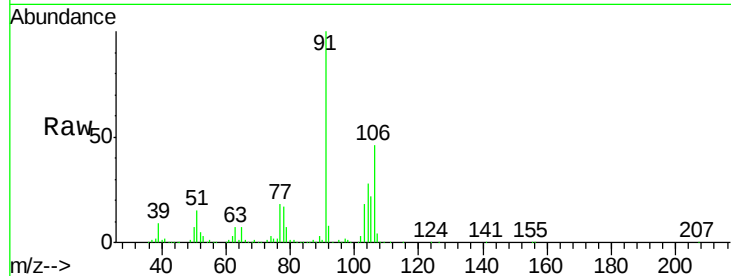




#69
o-Xylene
Concen: 50.124 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

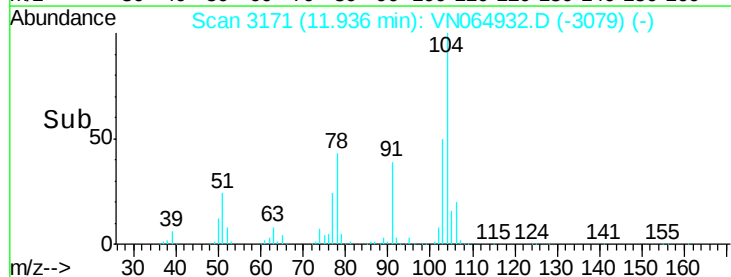
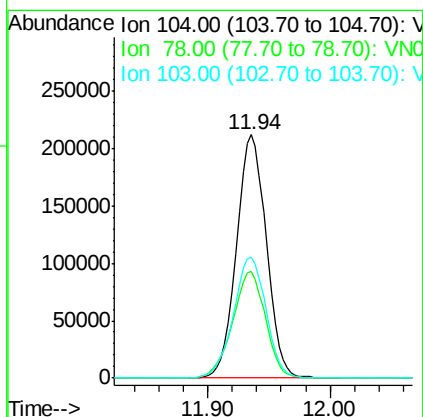
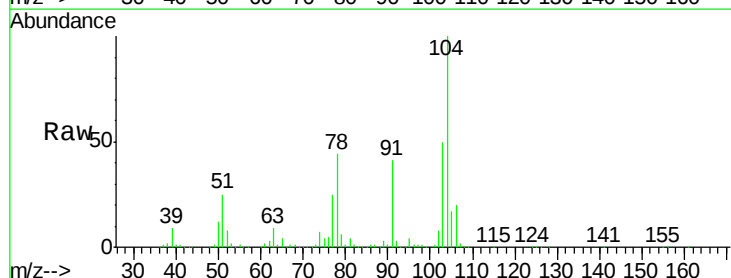
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

Tot Ion:106 Resp: 208254
Ion Ratio Lower Upper
106 100
91 213.7 105.5 316.5



#70
Styrene
Concen: 51.212 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion:104 Resp: 359202
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 54.4 44.3 66.5





#71

Bromoform

Concen: 47.141 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6702-120220MSD

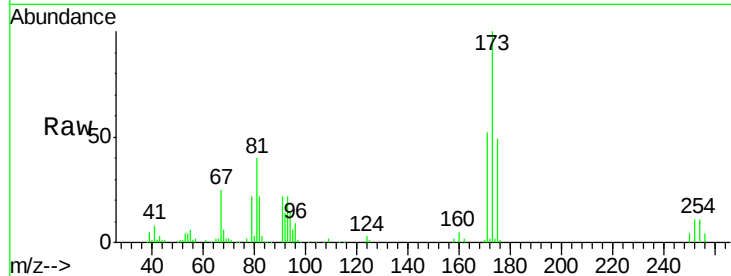
Tot Ion:173 Resp: 95784

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

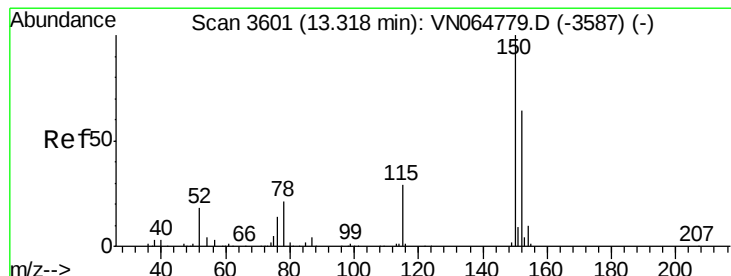
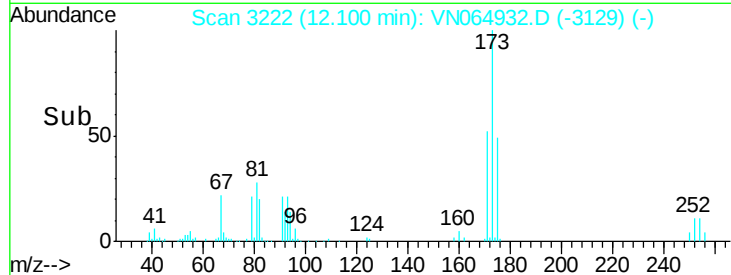
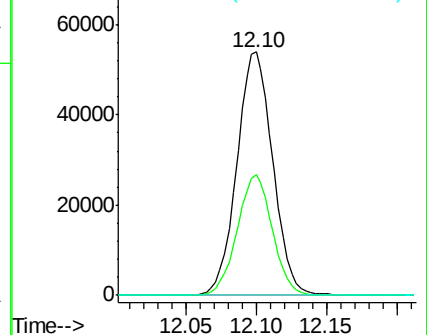
254 0.0 0.0 0.0#



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: VN064932.D

Acq: 4 Dec 2020 20:31

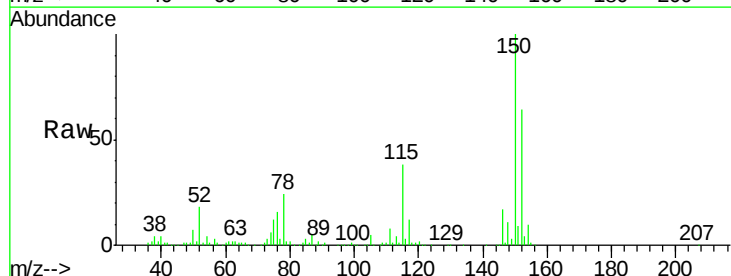
Tgt Ion:152 Resp: 153426

Ion Ratio Lower Upper

152 100

115 57.8 29.7 89.1

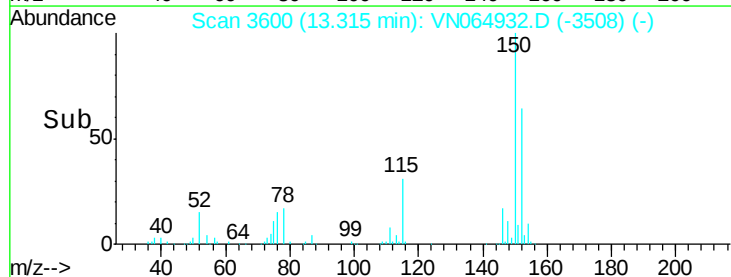
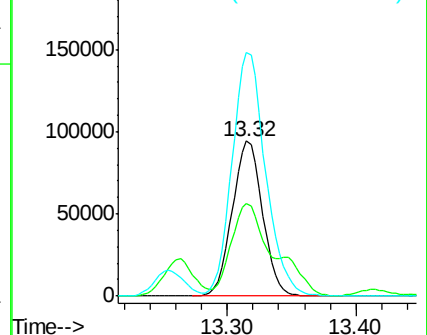
150 173.7 0.0 350.6

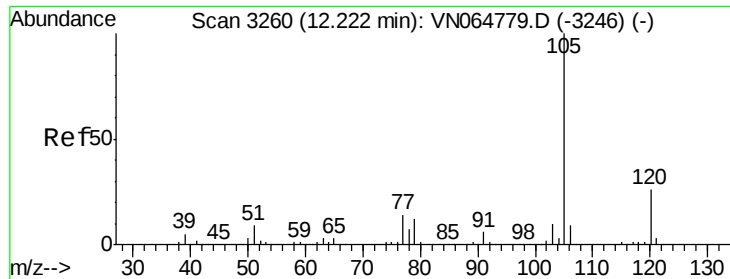


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 87.524 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

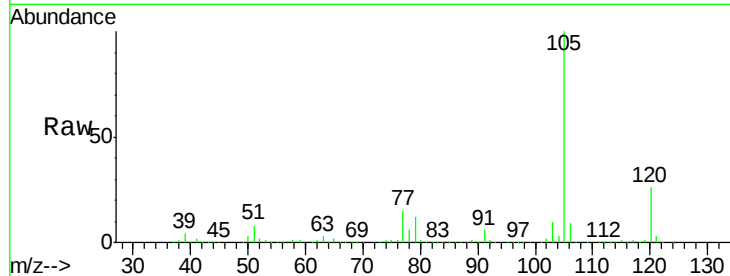
SS013-13-6702-120220MSD

Tot Ion:105 Resp: 934046

Ion Ratio Lower Upper

105 100

120 26.8 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

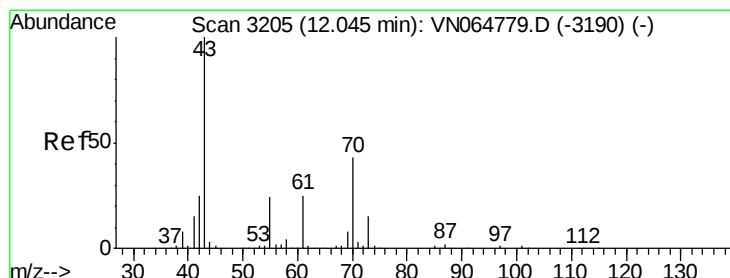
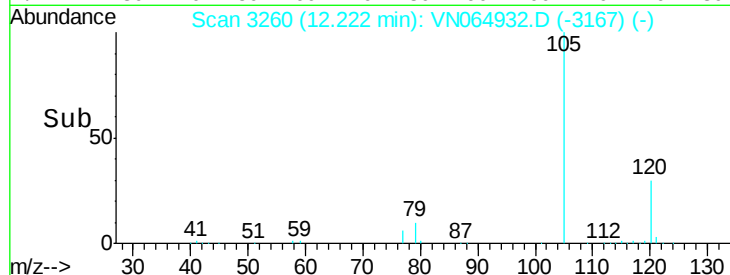
600000

400000

200000

0

Time--> 12.10 12.20 12.30



#74

N-ethyl acetate

Concen: 50.990 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Tgt Ion: 43 Resp: 214148

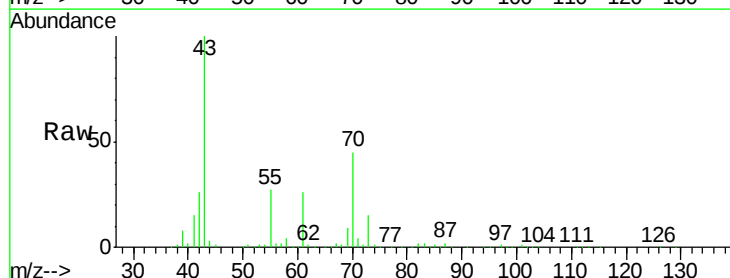
Ion Ratio Lower Upper

43 100

70 44.9 34.5 51.7

55 28.2 20.4 30.6

61 25.8 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

200000

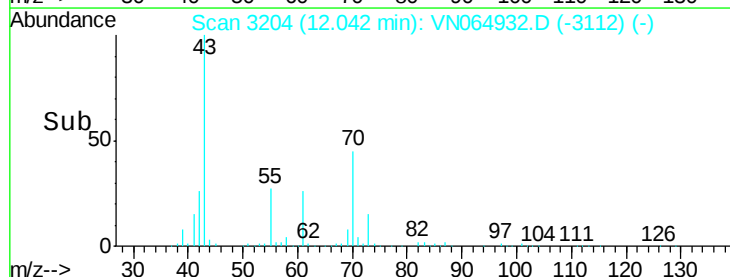
150000

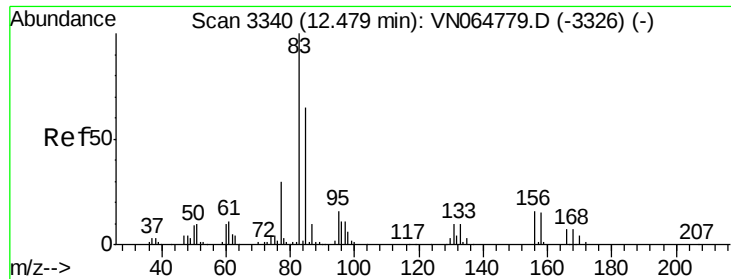
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 52.803 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6702-120220MSD

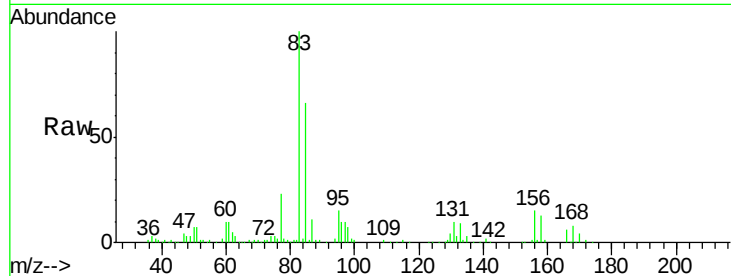
Tot Ion: 83 Resp: 165166

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

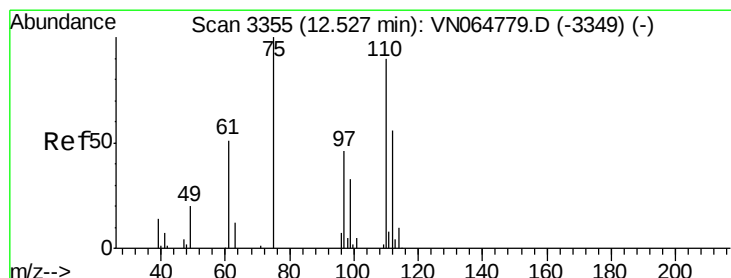
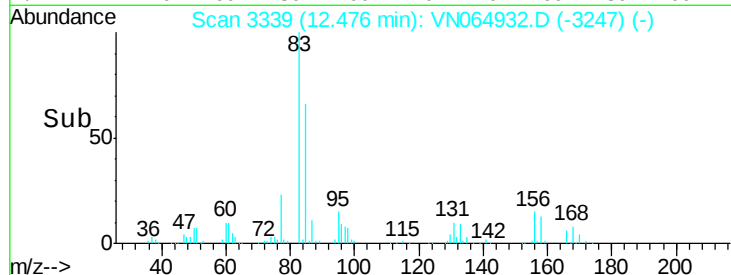
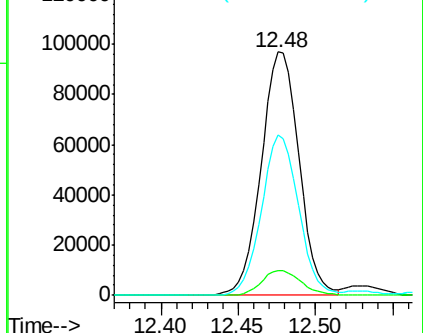
85 64.3 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 66.463 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064932.D

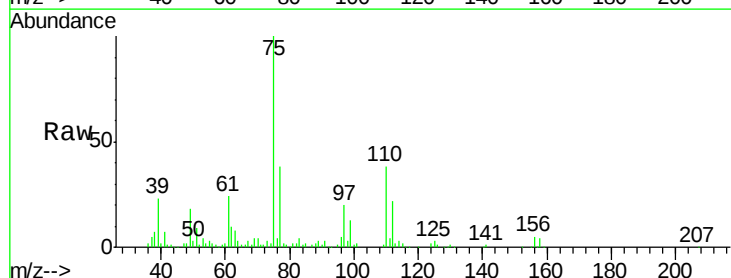
Acq: 4 Dec 2020 20:31

Tgt Ion: 75 Resp: 219605

Ion Ratio Lower Upper

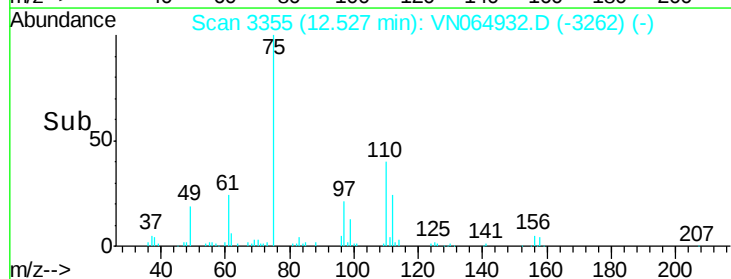
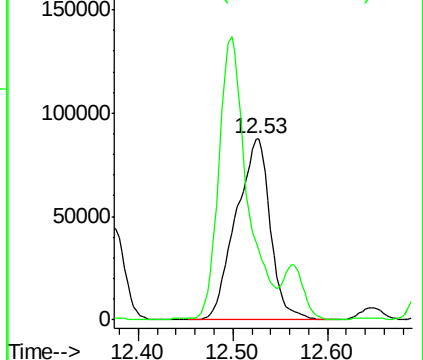
75 100

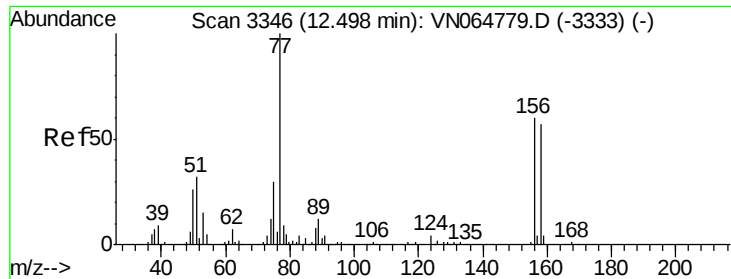
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.395 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6702-120220MSD

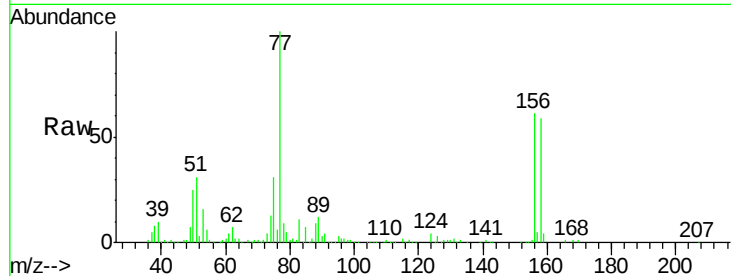
Tot Ion:156 Resp: 144993

Ion Ratio Lower Upper

156 100

77 197.0 101.3 303.7

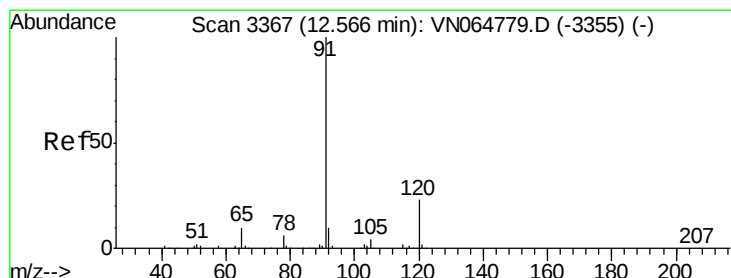
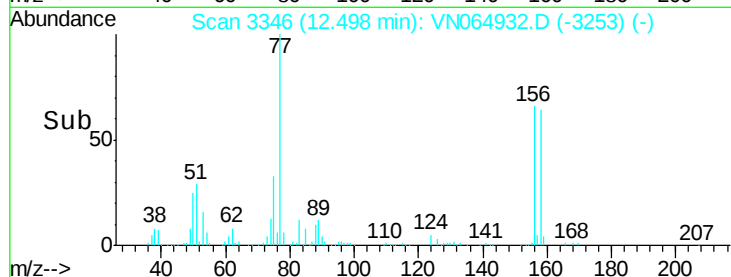
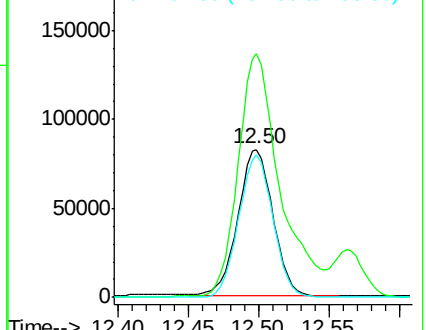
158 94.5 48.2 144.6



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: 89.696 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064932.D

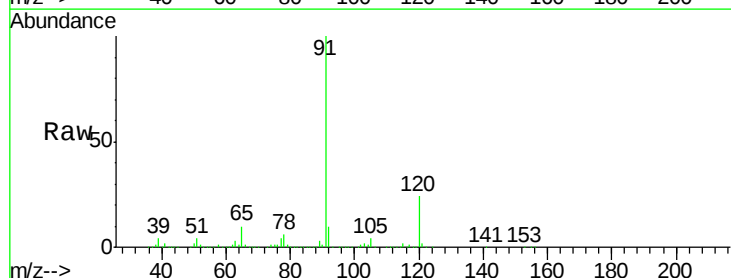
Acq: 4 Dec 2020 20:31

Tgt Ion: 91 Resp: 1090464

Ion Ratio Lower Upper

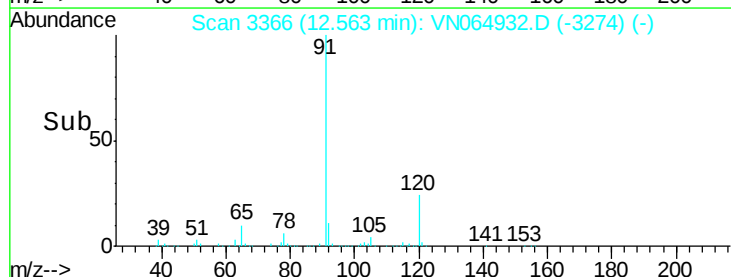
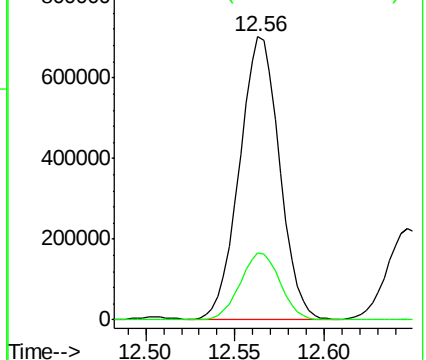
91 100

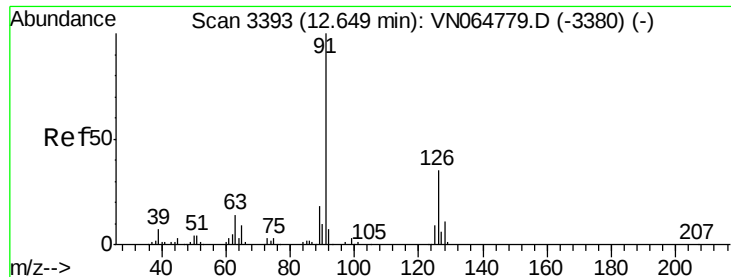
120 23.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.050 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

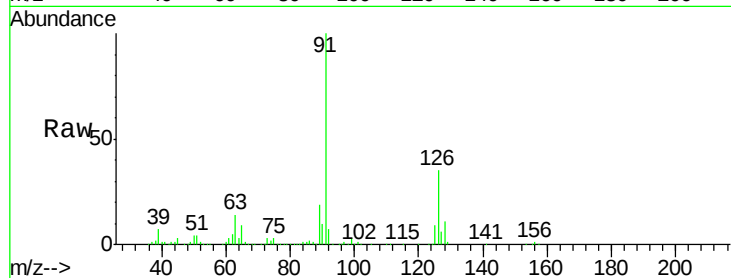
SS013-13-6702-120220MSD

Tot Ion: 91 Resp: 368612

Ion Ratio Lower Upper

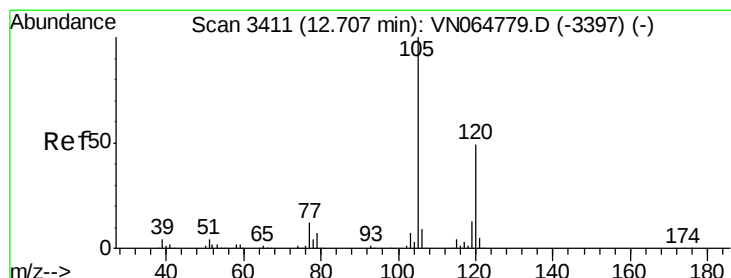
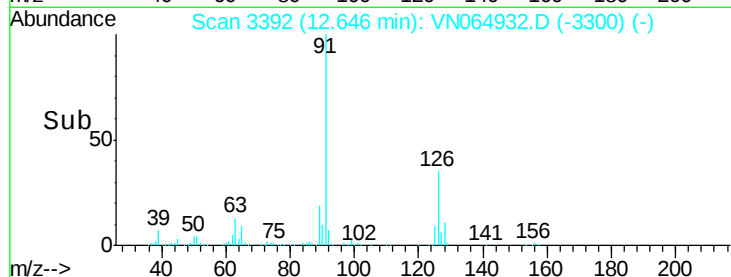
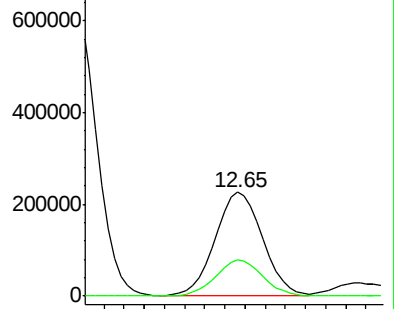
91 100

126 34.9 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.304 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064932.D

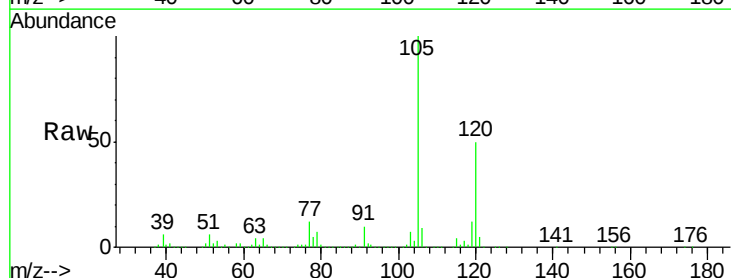
Acq: 4 Dec 2020 20:31

Tgt Ion: 105 Resp: 463958

Ion Ratio Lower Upper

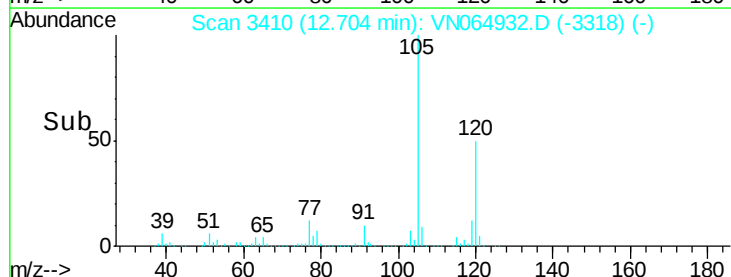
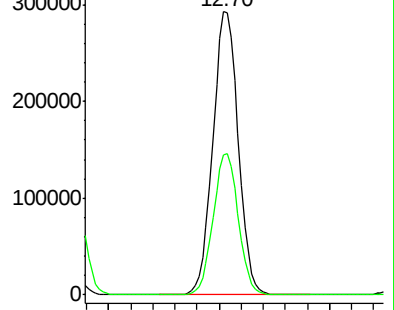
105 100

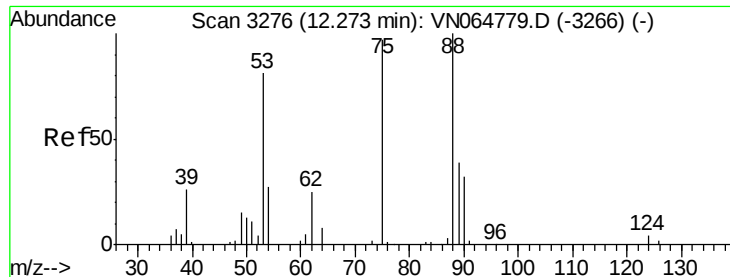
120 49.4 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)

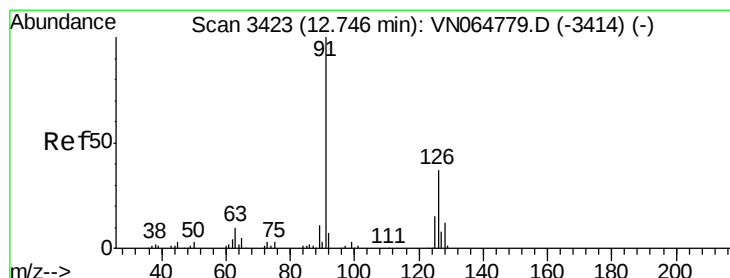
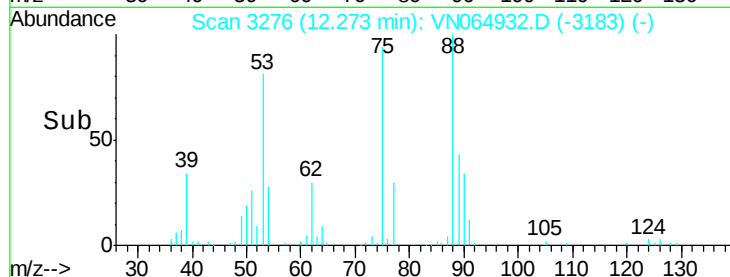
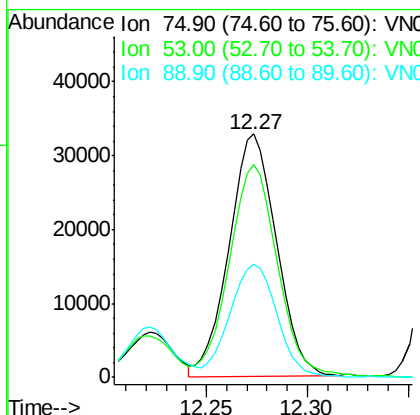
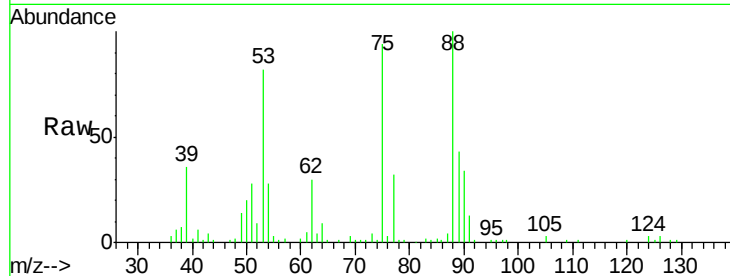




#81
trans-1,4-Dichloro-2-butene
Concen: 44.511 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

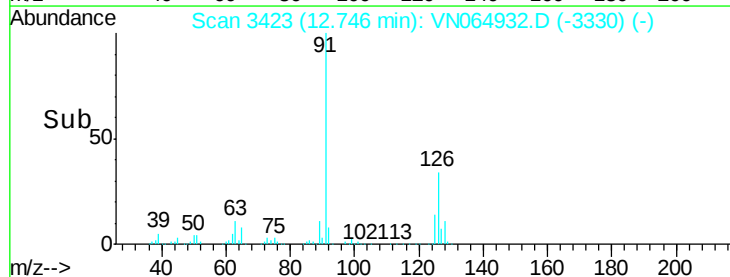
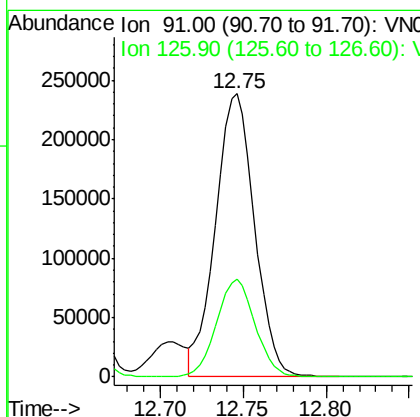
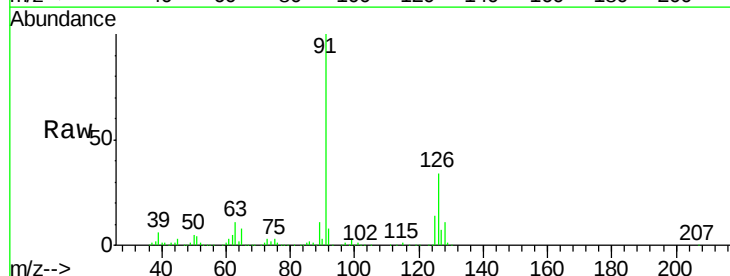
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

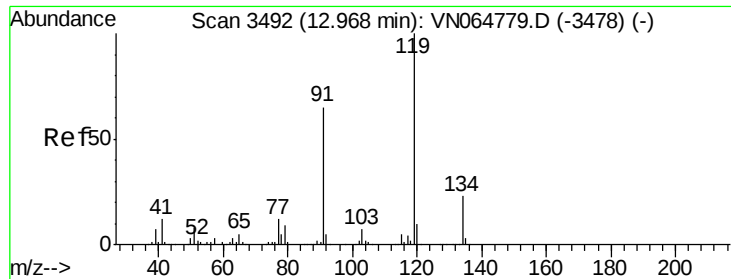
Tot Ion: 75 Resp: 53661
Ion Ratio Lower Upper
75 100
53 90.6 67.0 100.4
89 46.6 39.6 59.4



#82
4-Chlorotoluene
Concen: 49.232 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion: 91 Resp: 387803
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.7

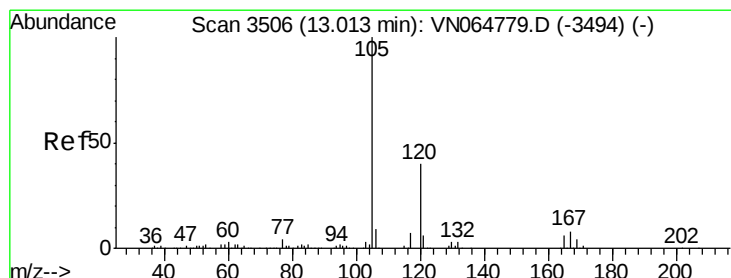
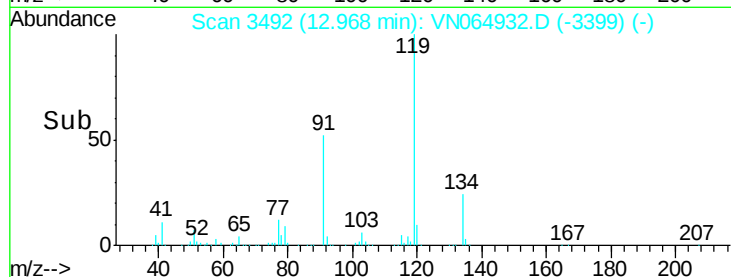
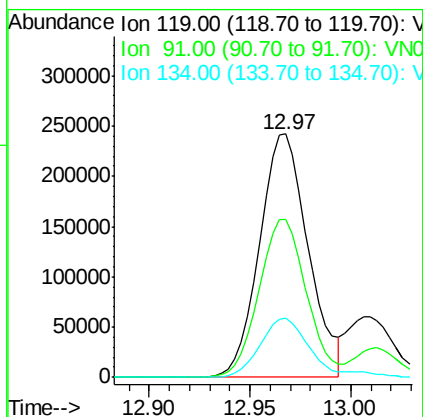
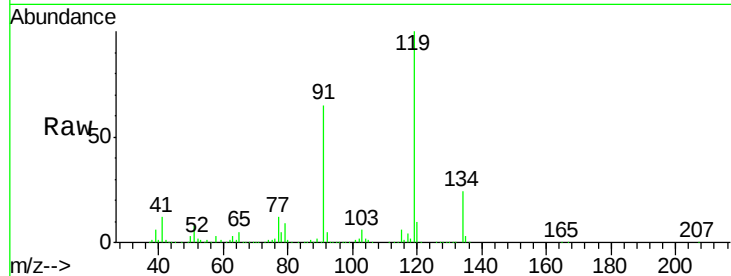




#83
tert-Butylbenzene
Concen: 54.721 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

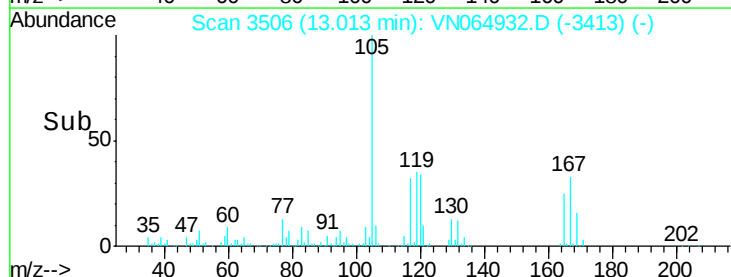
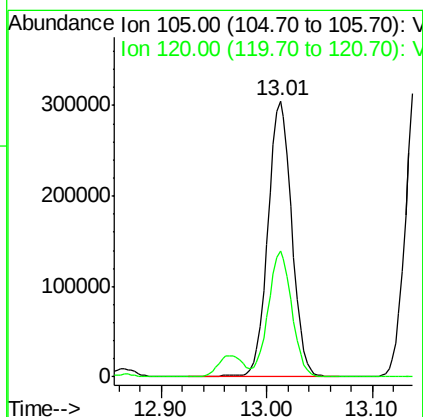
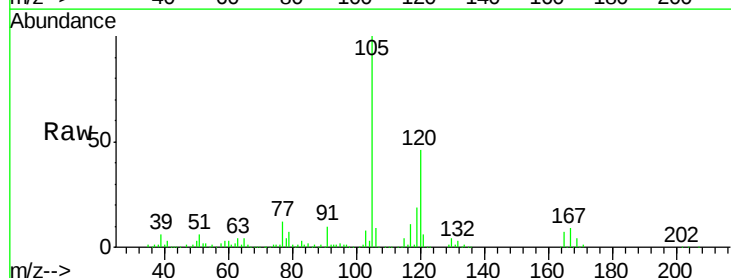
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

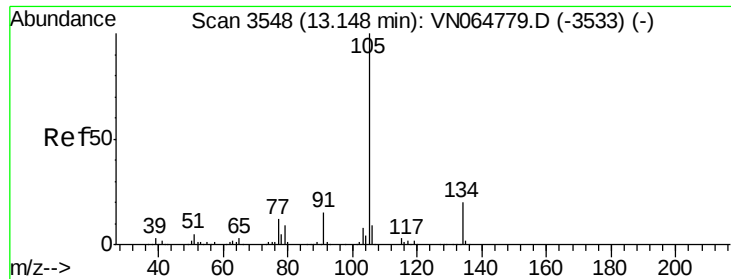
Tot Ion:119 Resp: 406860
Ion Ratio Lower Upper
119 100
91 62.8 32.3 96.8
134 25.3 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 53.463 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion:105 Resp: 479491
Ion Ratio Lower Upper
105 100
120 45.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 61.471 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

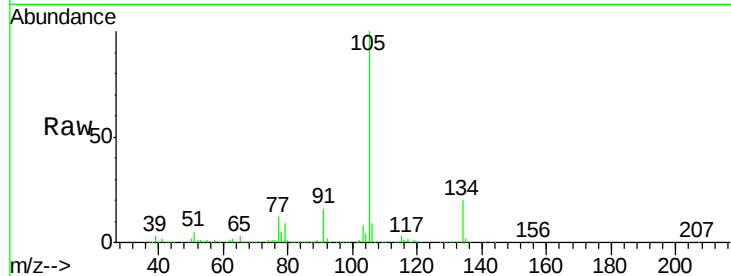
SS013-13-6702-120220MSD

Tot Ion:105 Resp: 606826

Ion Ratio Lower Upper

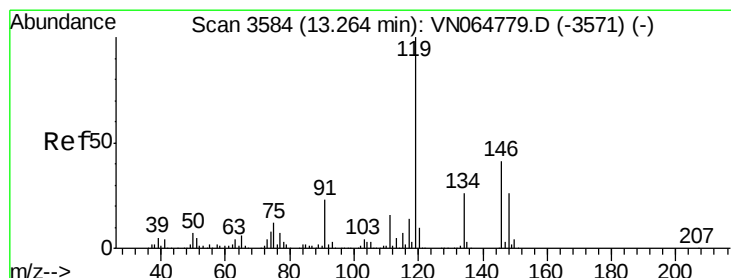
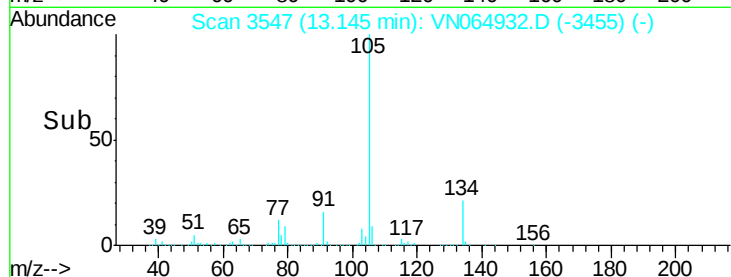
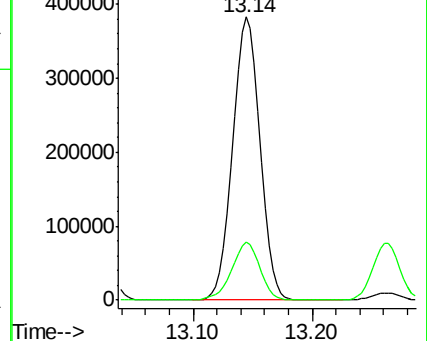
105 100

134 21.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.424 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

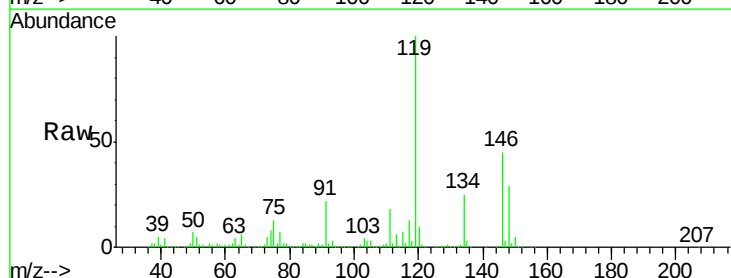
Tgt Ion:119 Resp: 471165

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

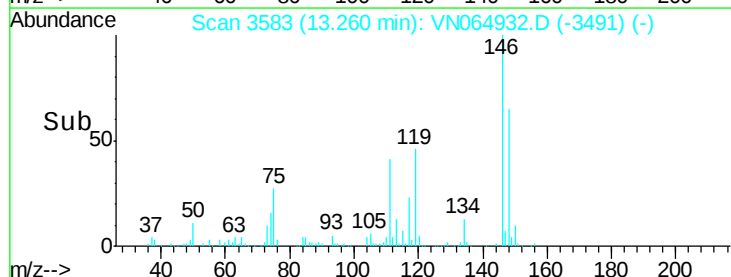
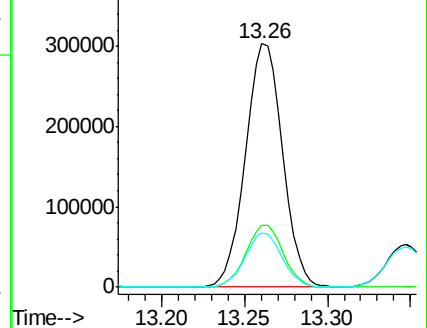
91 22.0 11.5 34.5

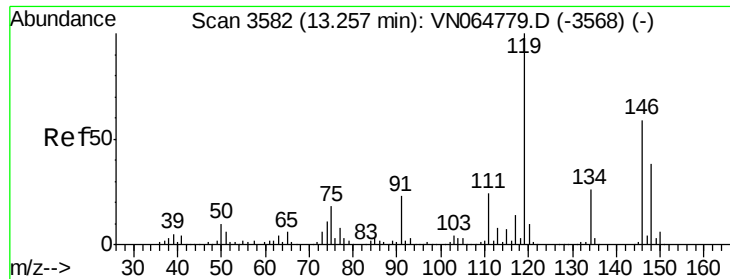


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

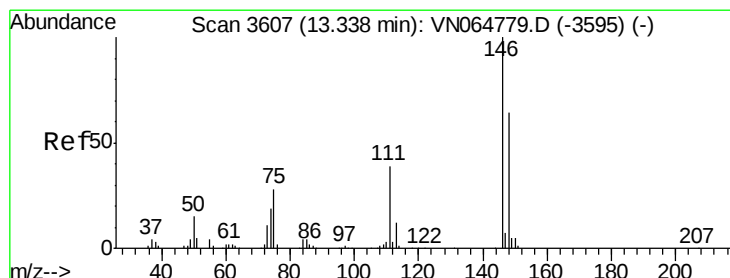
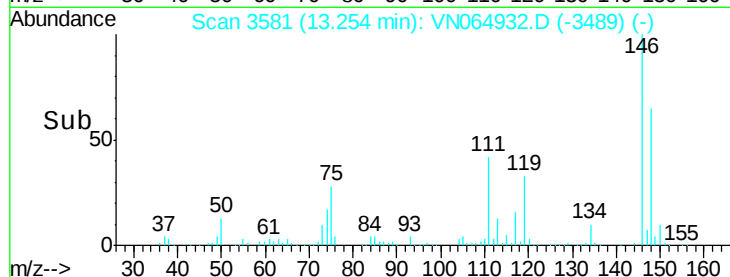
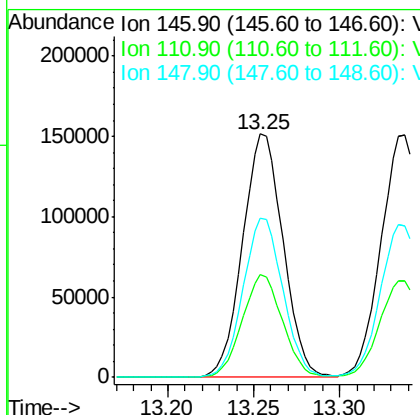
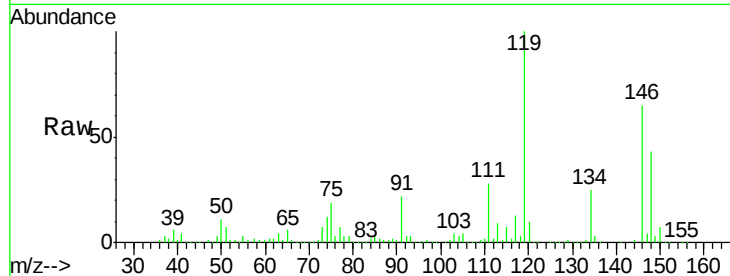




#87
 1,3-Dichlorobenzene
 Concen: 48.630 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

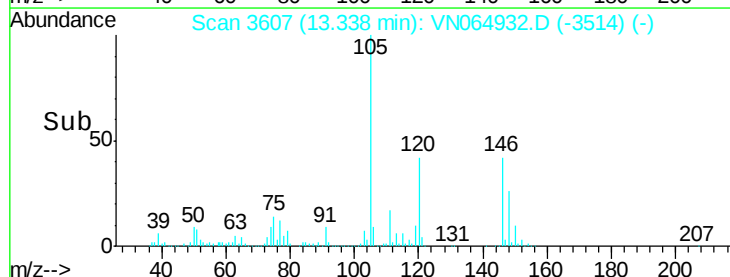
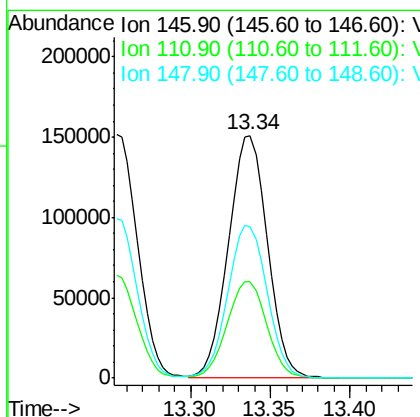
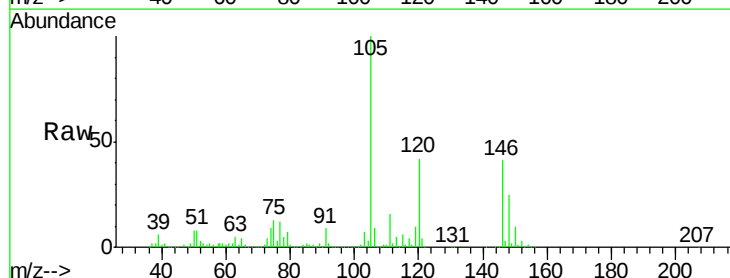
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MSD

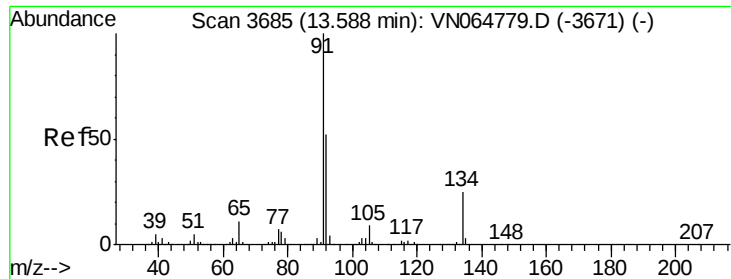
Tot Ion:146 Resp: 248582
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.9
 148 64.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.195 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

Tgt Ion:146 Resp: 249724
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.8 59.3
 148 64.0 31.9 95.5

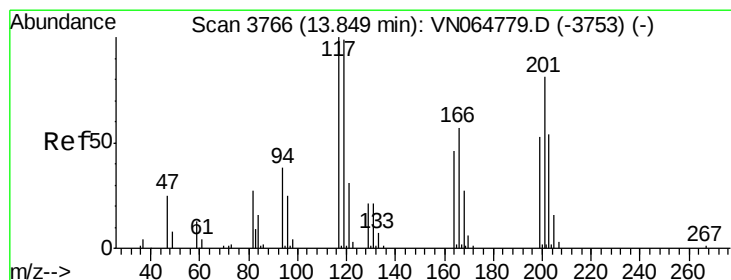
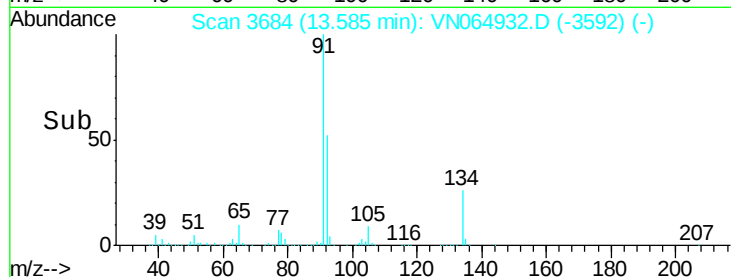
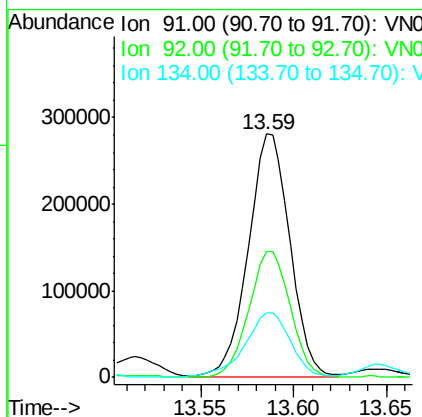
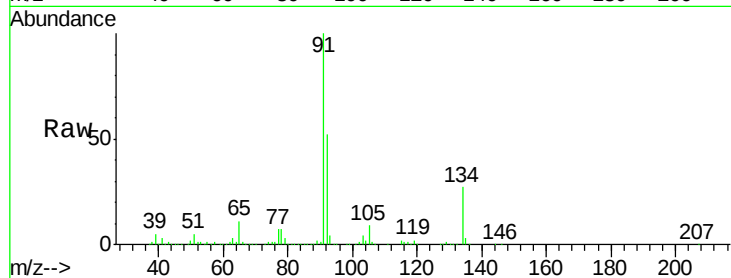




#89
n-Butylbenzene
Concen: 55.542 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

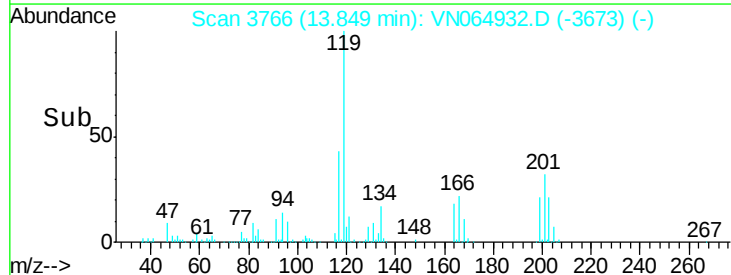
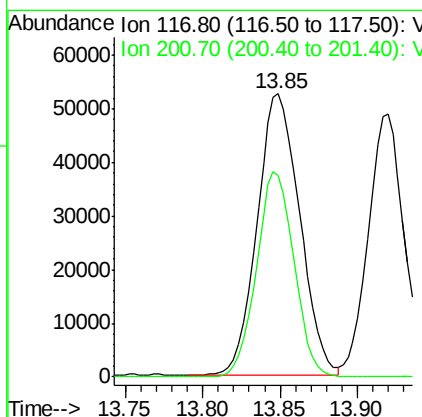
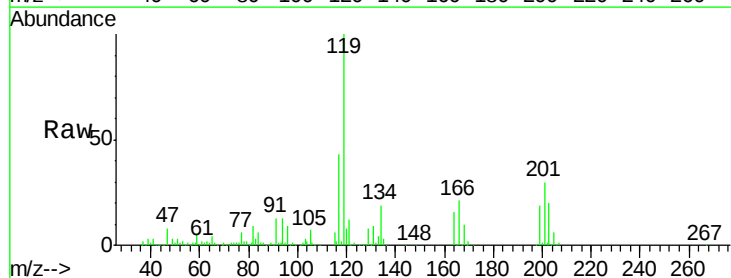
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6702-120220MSD

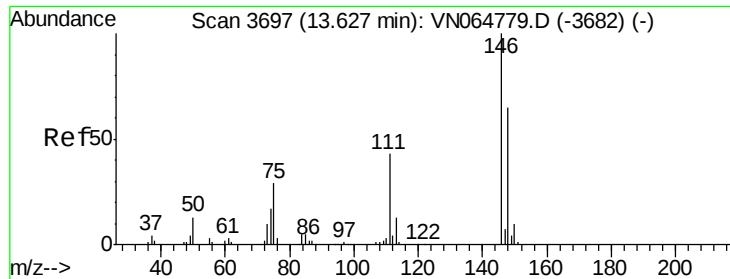
Tot Ion: 91 Resp: 438387
Ion Ratio Lower Upper
91 100
92 51.3 26.0 78.0
134 29.2 12.9 38.6



#90
Hexachloroethane
Concen: 64.794 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064932.D
Acq: 4 Dec 2020 20:31

Tgt Ion: 117 Resp: 101165
Ion Ratio Lower Upper
117 100
201 63.8 40.1 120.3

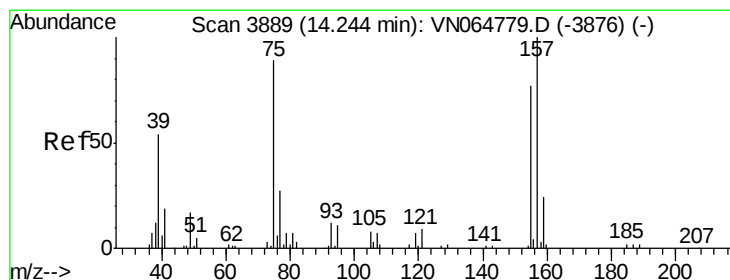
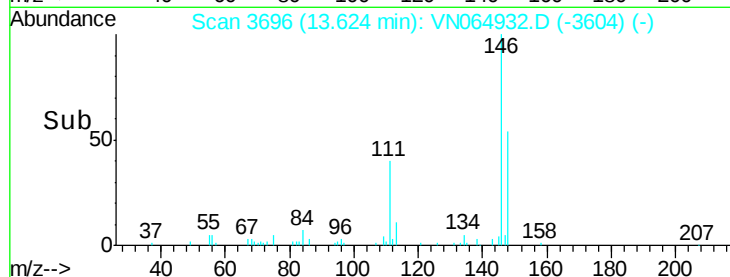
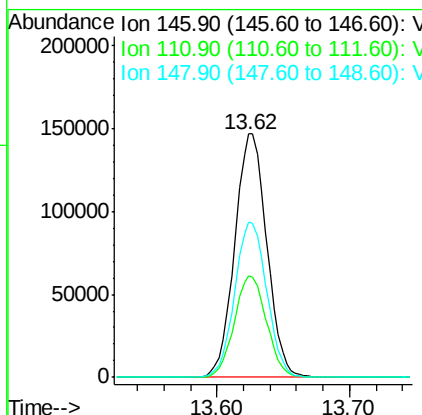
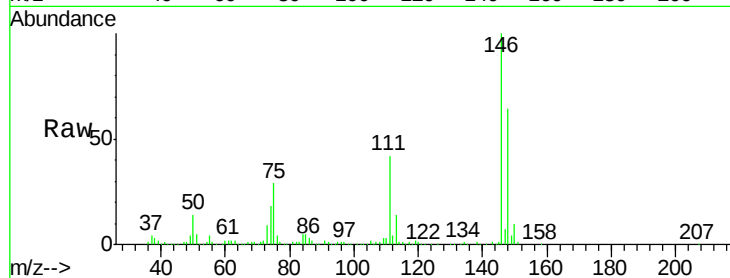




#91
 1,2-Dichlorobenzene
 Concen: 49.181 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

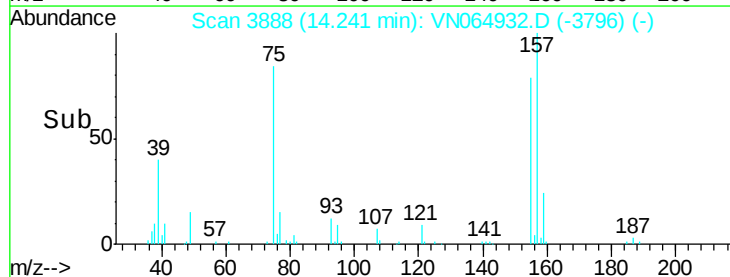
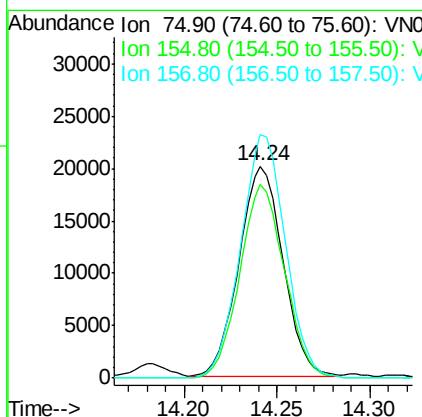
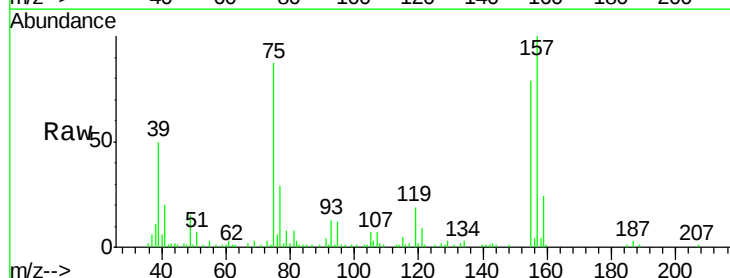
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MSD

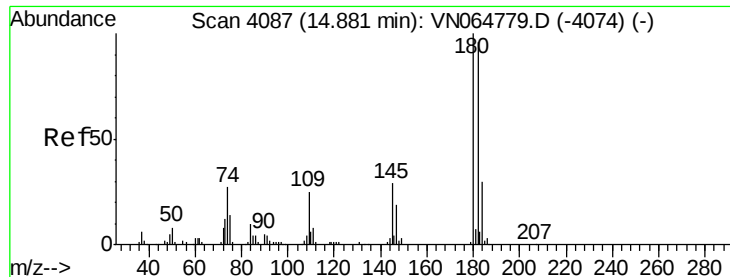
Tot Ion:146 Resp: 246846
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.1
 148 63.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.808 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

Tgt Ion: 75 Resp: 32944
 Ion Ratio Lower Upper
 75 100
 155 93.6 42.8 128.3
 157 118.1 56.4 169.1

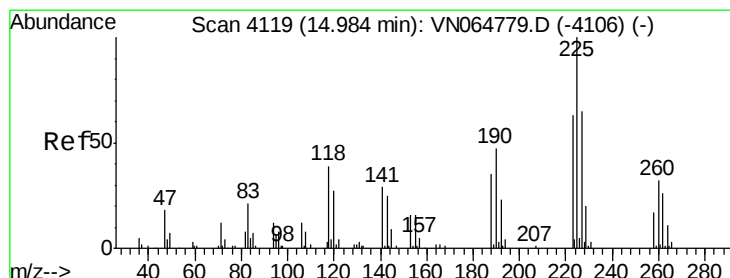
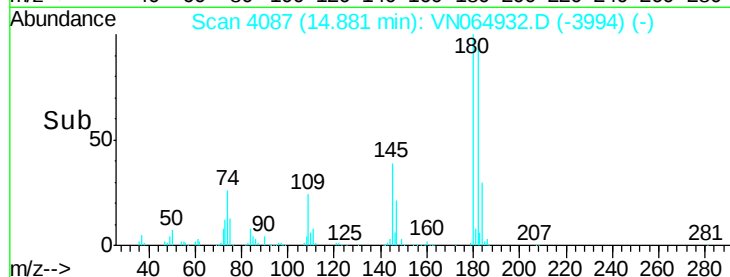
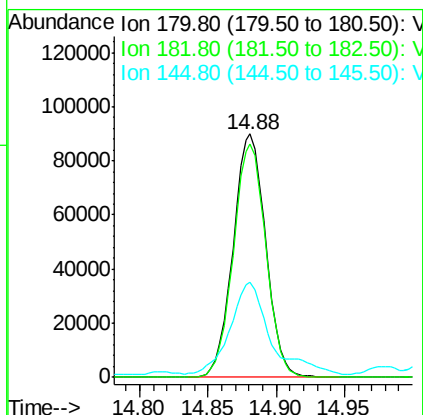
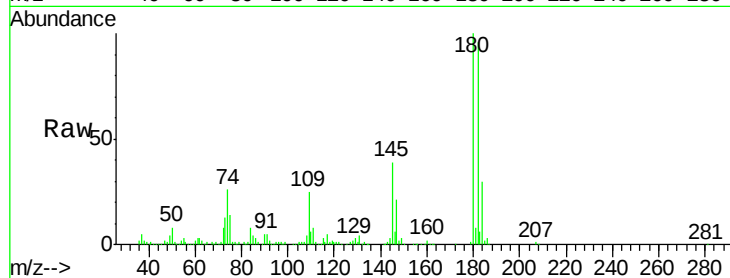




#93
 1,2,4-Trichlorobenzene
 Concen: 47.876 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

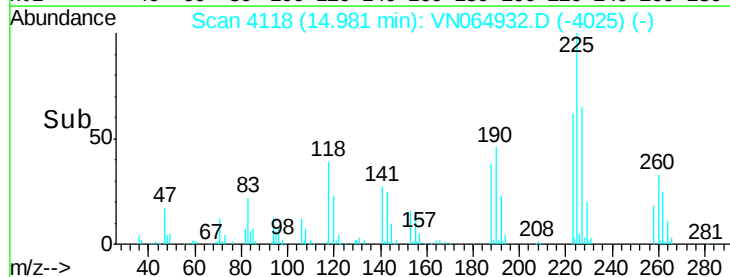
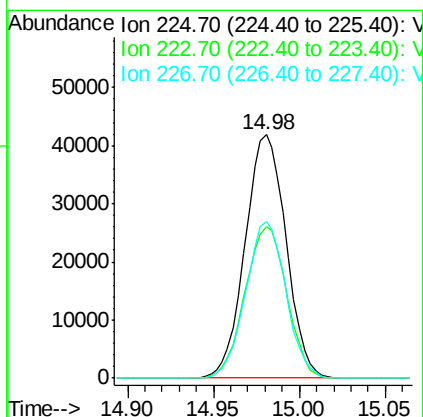
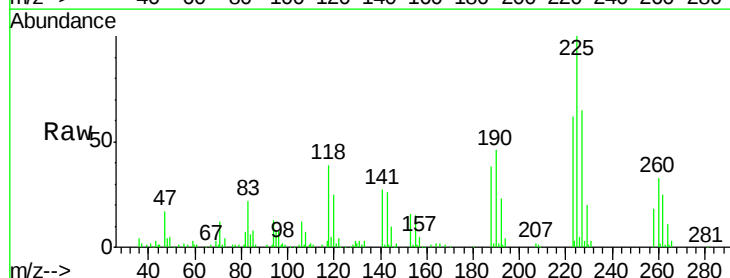
Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6702-120220MSD

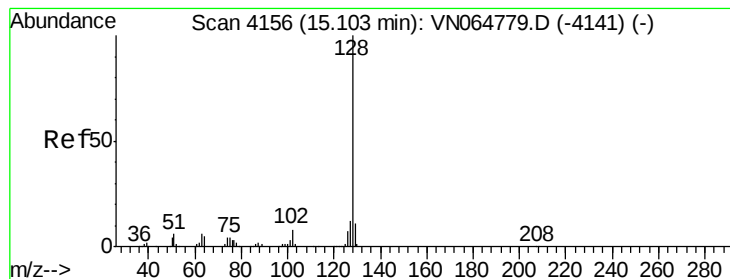
Tot Ion:180 Resp: 148649
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.9
 145 51.5 15.3 45.8#



#94
 Hexachlorobutadiene
 Concen: 49.350 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064932.D
 Acq: 4 Dec 2020 20:31

Tgt Ion:225 Resp: 68992
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.0 93.0
 227 63.3 32.0 96.0





#95

Naphthalene

Concen: 87.162 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6702-120220MSD

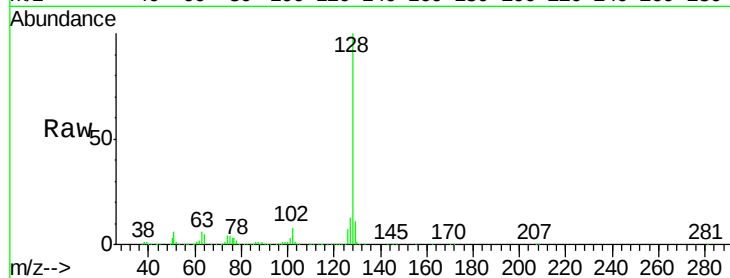
Tot Ion:128 Resp: 810761

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

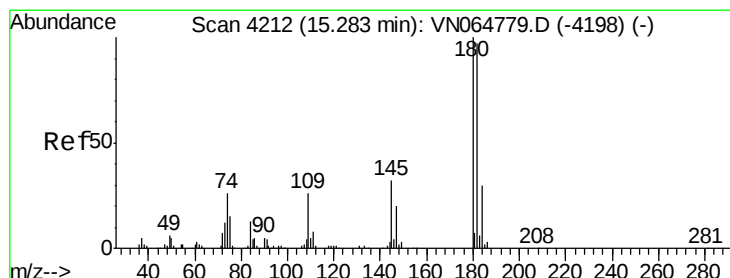
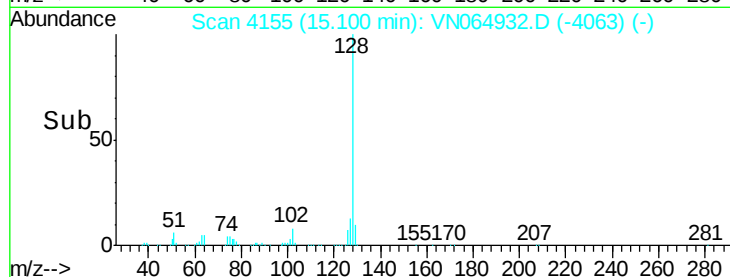
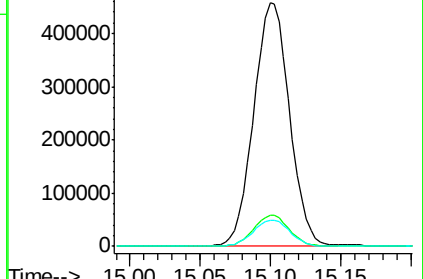
129 10.9 8.7 13.1



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: 49.750 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064932.D

Acq: 4 Dec 2020 20:31

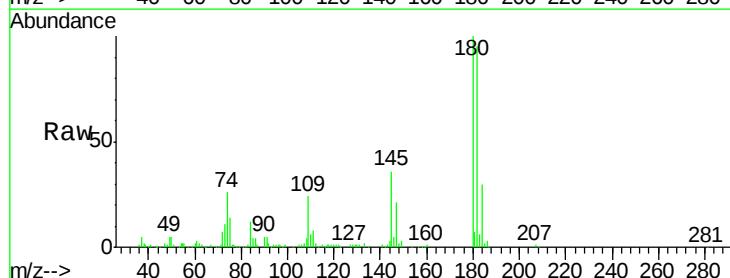
Tgt Ion:180 Resp: 146770

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.4

145 42.5 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

