

Data File : VV013538.D
Acq On : 08 Nov 2019 13:00
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV34

Quant Time: Nov 08 22:24:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 08 22:19:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	501500	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	469174	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	259842	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110991	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.58	69	98857	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	210560	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	3.95	46	407917	53.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.66%
24) Chloroform-d	4.39	84	288190	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.08	65	150819	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.09	84	516850	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.11	67	177883	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.35	98	450719	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
43) trans-1,3-Dichloropropene-	7.66	79	64343	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.13	63	282314	57.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.36%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	134929	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	214869	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	224376	4.573 ug/L	100
3) Chloromethane	1.25	50	205178	4.678 ug/L	100
5) Vinyl chloride	1.32	62	213965	5.068 ug/L	99
6) Bromomethane	1.53	94	107884	4.853 ug/L	97
8) Chloroethane	1.60	64	105487	4.526 ug/L	95
9) Trichlorofluoromethane	1.77	101	253495	4.461 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	150576	4.728 ug/L	99
12) 1,1-Dichloroethene	2.14	96	148155	4.912 ug/L	95
13) Acetone	2.22	43	213140	46.367 ug/L	98
14) Carbon disulfide	2.31	76	448796	4.951 ug/L	100
15) Methyl Acetate	2.47	43	71875	5.230 ug/L	98
16) Methylene chloride	2.53	84	187053	4.735 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	391094	4.908 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	188013	5.024 ug/L	96
19) 1,1-Dichloroethane	3.22	63	352713	5.051 ug/L	99
21) 2-Butanone	4.04	43	446450	53.097 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	198796	5.151 ug/L #	96

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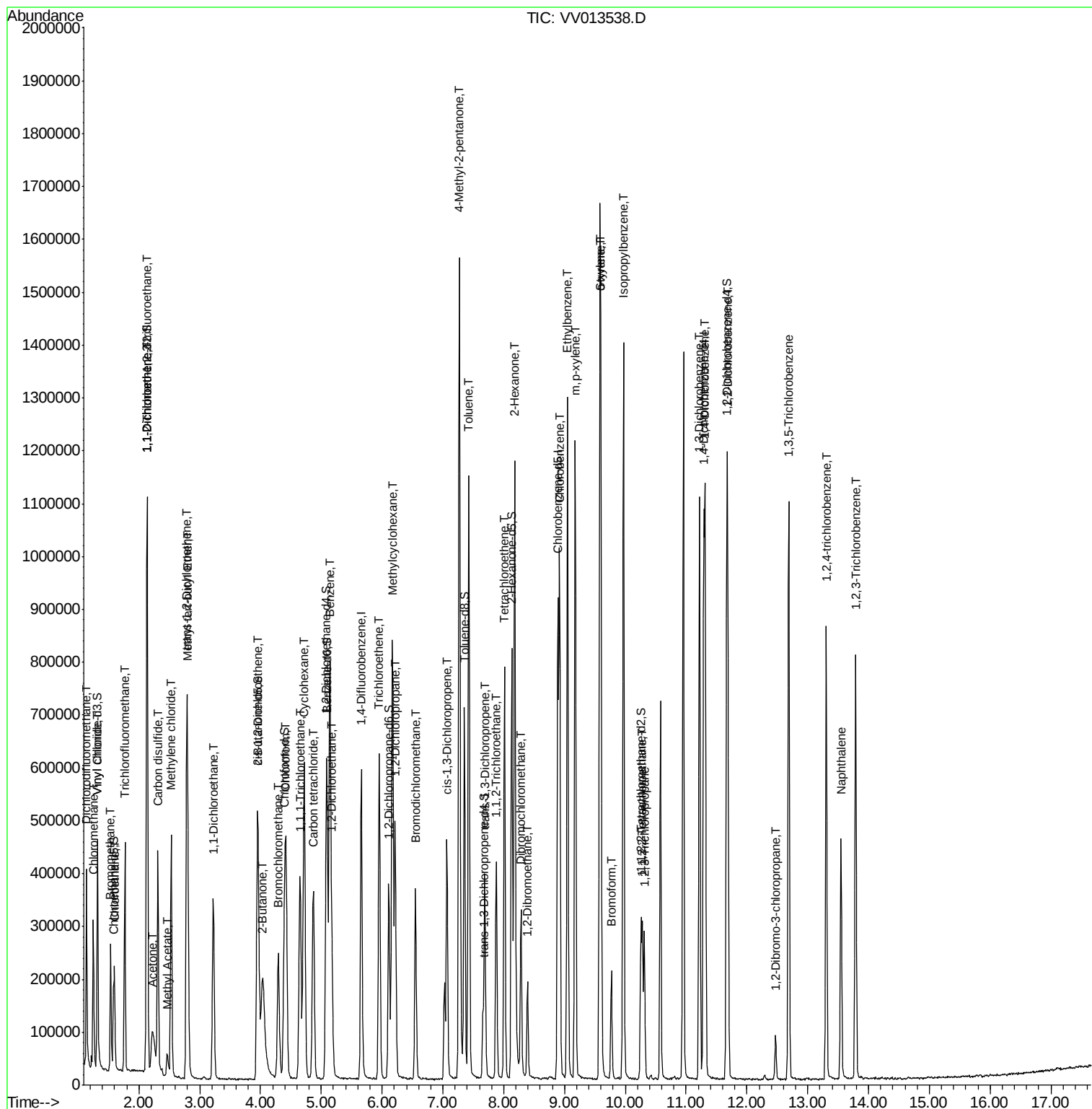
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	85889	4.806	ug/L	97
25) Chloroform	4.42	83	373140	4.900	ug/L	97
27) 1,2-Dichloroethane	5.17	62	208793	5.078	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	304648	5.237	ug/L	97
30) Cyclohexane	4.72	56	323237	5.521	ug/L	99
31) Carbon tetrachloride	4.87	117	275067	5.273	ug/L	100
33) Benzene	5.14	78	771592	5.293	ug/L	100
34) Trichloroethene	5.95	95	205461	5.227	ug/L	99
35) Methylcyclohexane	6.17	83	329741	5.519	ug/L	99
37) 1,2-Dichloropropane	6.22	63	195022	5.439	ug/L	99
38) Bromodichloromethane	6.55	83	241186	5.211	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	265997	5.340	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1097434	53.212	ug/L	100
42) Toluene	7.42	91	818783	5.400	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	208966	5.335	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	125431	5.090	ug/L	99
47) Tetrachloroethene	8.01	164	184864	5.379	ug/L	99
48) 2-Hexanone	8.18	43	799573	54.757	ug/L	98
49) Dibromochloromethane	8.28	129	159314	5.183	ug/L	100
50) 1,2-Dibromoethane	8.39	107	118525	5.151	ug/L	98
51) Chlorobenzene	8.92	112	524120	5.240	ug/L	99
52) Ethylbenzene	9.05	91	876290	5.395	ug/L	100
53) m,p-xylene	9.18	106	331265	5.468	ug/L	99
54) o-xylene	9.58	106	312888	5.376	ug/L	99
55) Styrene	9.60	104	546670	5.540	ug/L	98
56) Isopropylbenzene	9.97	105	891204	5.673	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	136813	5.201	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	111816	5.253	ug/L	98
61) Bromoform	9.77	173	94700	5.142	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	445912	5.115	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	441837	5.074	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	400152	5.018	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	19560	4.816	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	354663	5.215	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	276759	5.107	ug/L	99
69) Naphthalene	13.55	128	361633	4.941	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	261343	5.138	ug/L	99

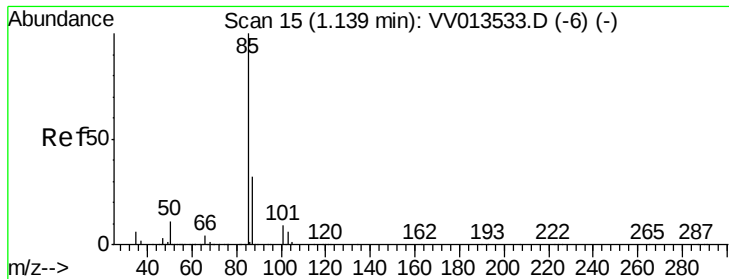
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.573 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

Instrument :

MSVOA_V

ClientSampleId :

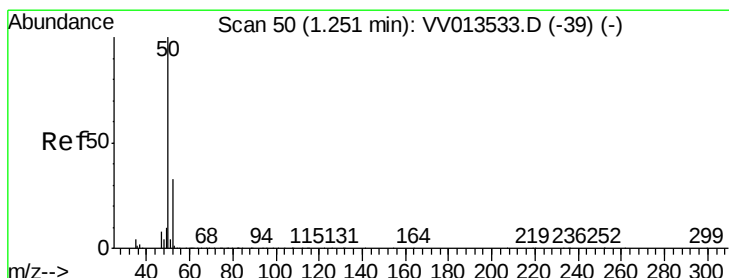
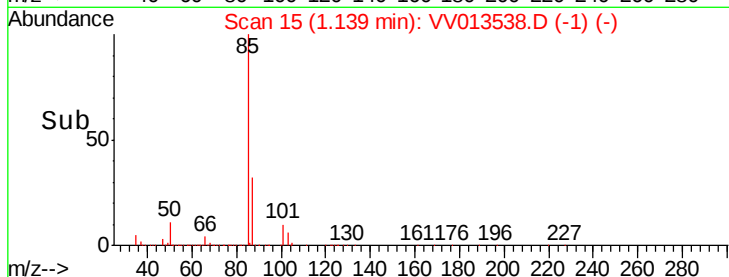
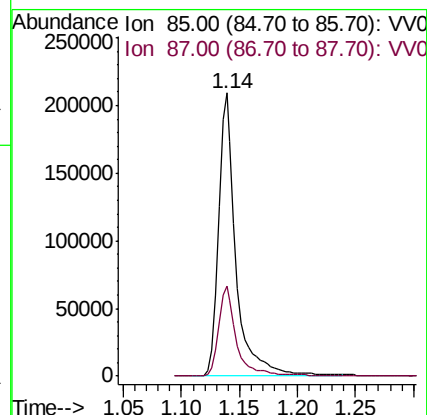
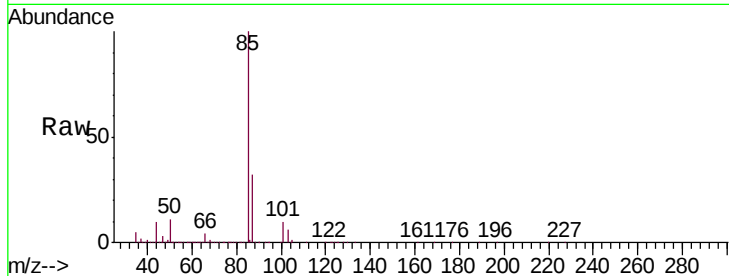
VICV34

Tgt Ion: 85 Resp: 224376

Ion Ratio Lower Upper

85 100

87 32.6 26.0 39.0



#3

Chloromethane

Concen: 4.678 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV013538.D

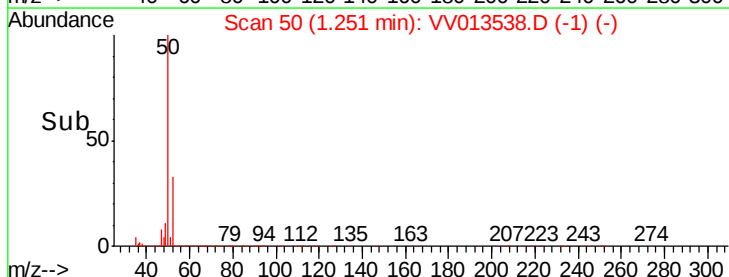
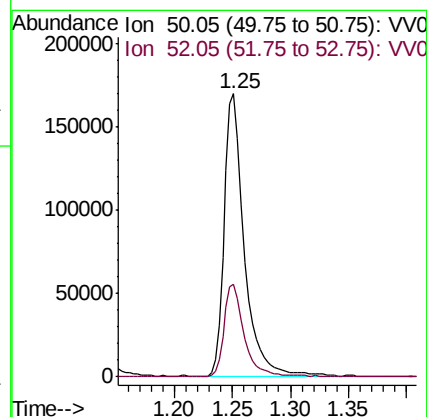
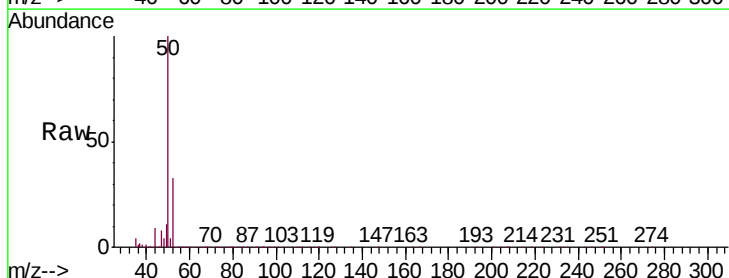
Acq: 08 Nov 2019 13:00

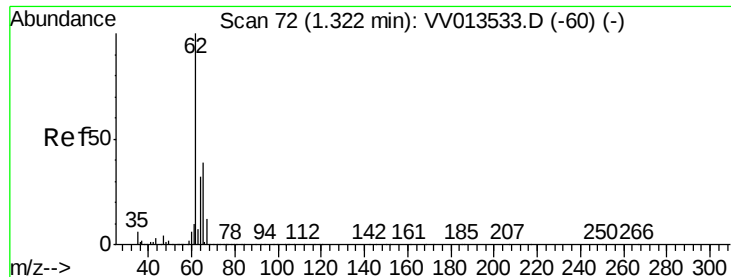
Tgt Ion: 50 Resp: 205178

Ion Ratio Lower Upper

50 100

52 32.9 23.0 42.6





#5

Vinyl chloride

Concen: 5.068 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

Instrument :

MSVOA_V

ClientSampleId :

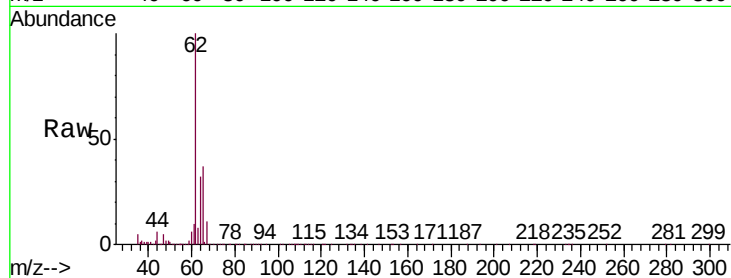
VICV34

Tgt Ion: 62 Resp: 213965

Ion Ratio Lower Upper

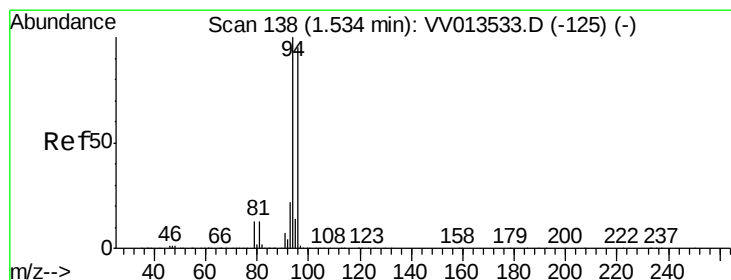
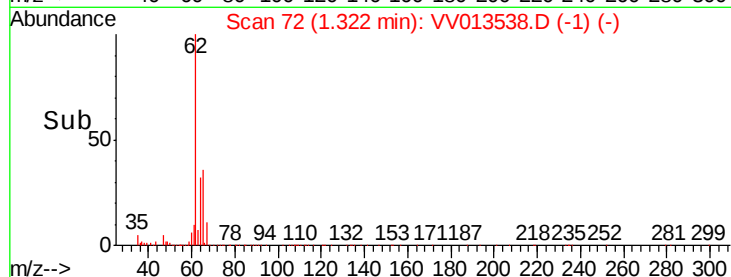
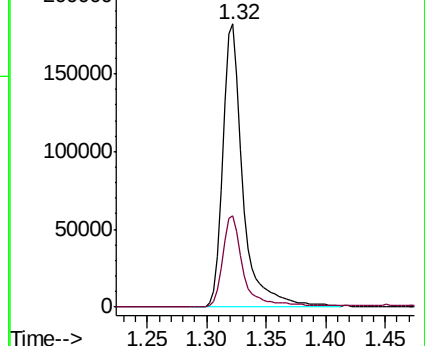
62 100

64 32.4 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 4.853 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV013538.D

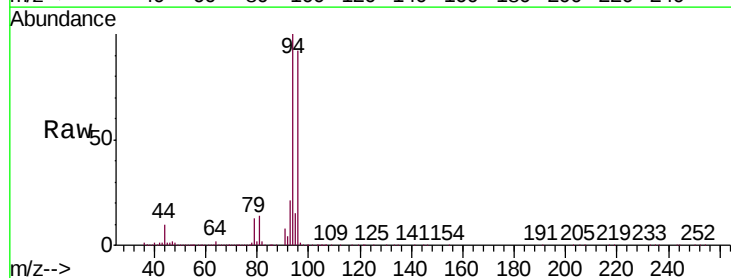
Acq: 08 Nov 2019 13:00

Tgt Ion: 94 Resp: 107884

Ion Ratio Lower Upper

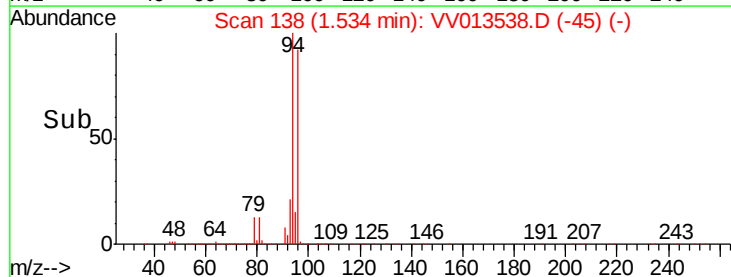
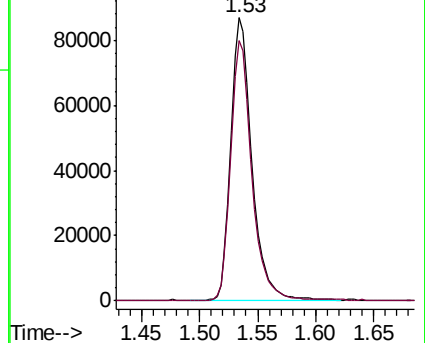
94 100

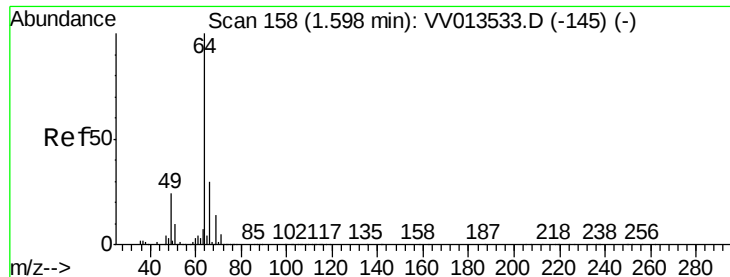
96 92.2 66.4 123.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

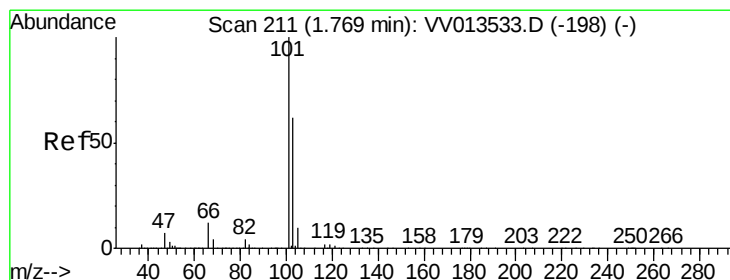
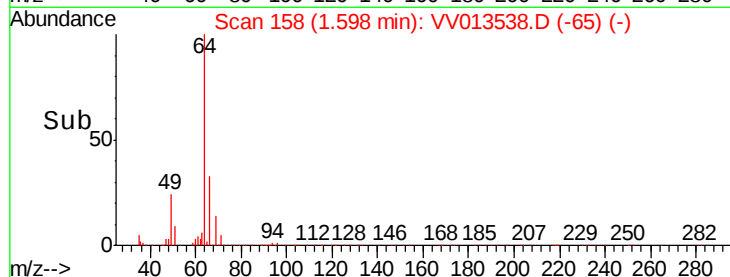
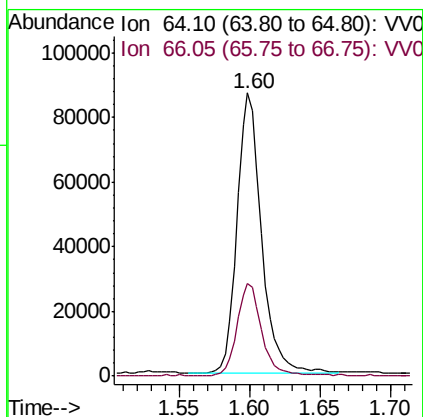
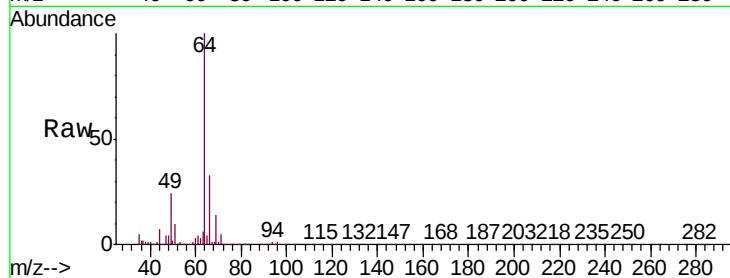




#8
Chloroethane
Concen: 4.526 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

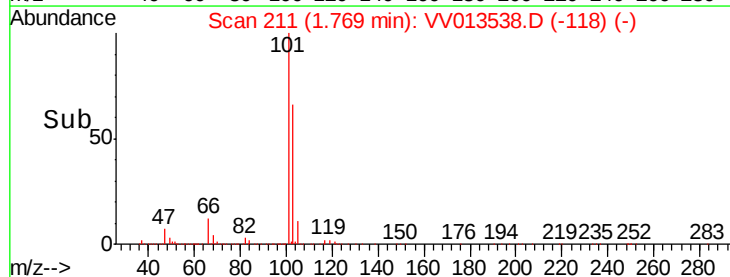
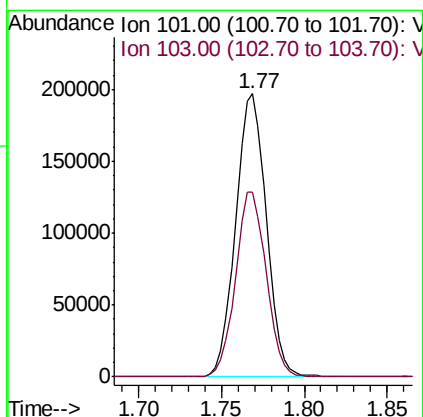
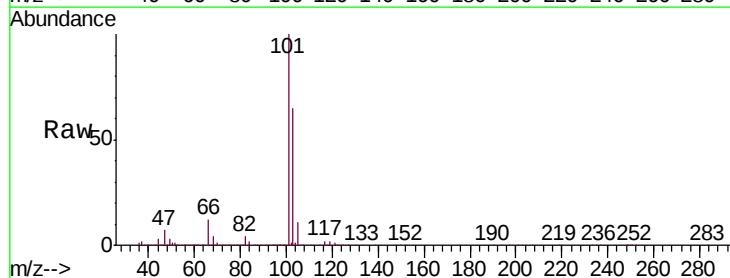
Instrument :
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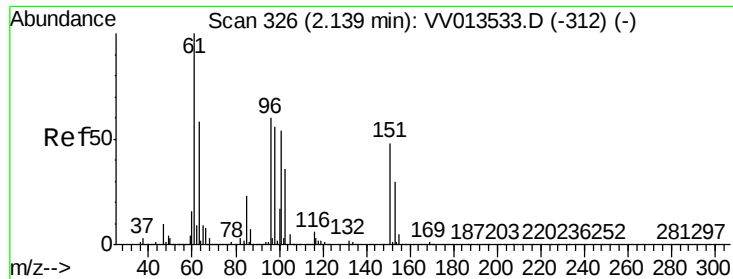
Tgt Ion: 64 Resp: 105487
Ion Ratio Lower Upper
64 100
66 32.8 21.1 39.3



#9
Trichlorofluoromethane
Concen: 4.461 ug/L
RT: 1.77 min Scan# 211
Delta R.T. 0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Tgt Ion: 101 Resp: 253495
Ion Ratio Lower Upper
101 100
103 65.3 50.5 75.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.728 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

Instrument :

MSVOA_V

ClientSampleId :

VICV34

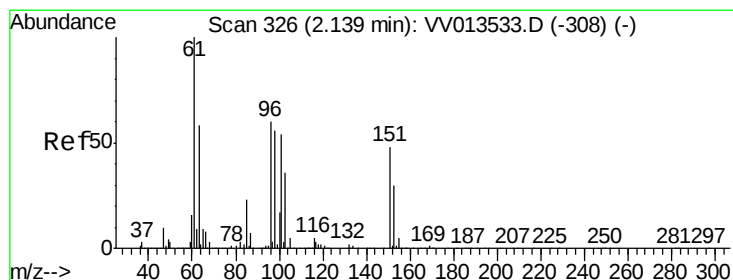
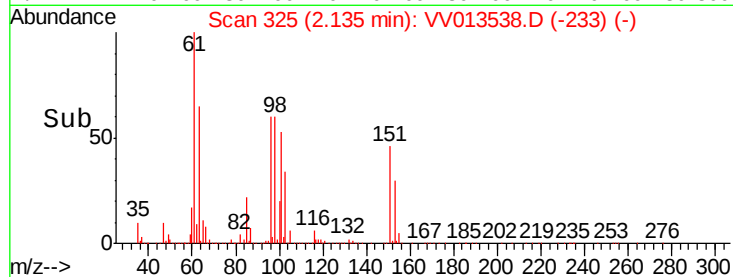
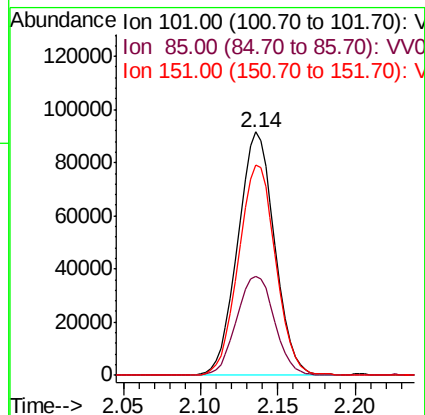
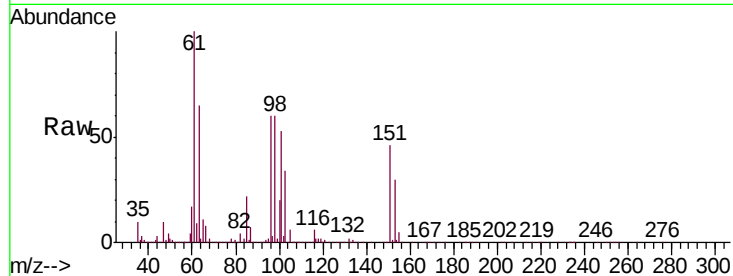
Tgt Ion: 101 Resp: 150576

Ion Ratio Lower Upper

101 100

85 42.1 33.8 50.8

151 88.1 69.5 104.3



#12

1,1-Dichloroethene

Concen: 4.912 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

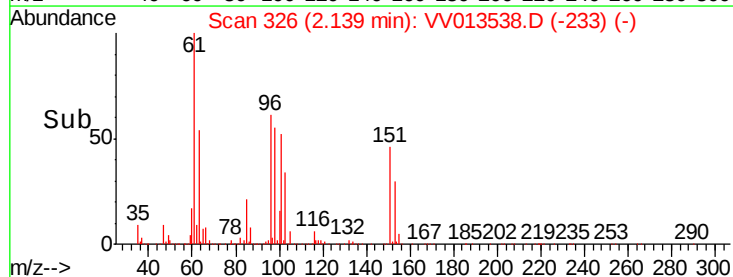
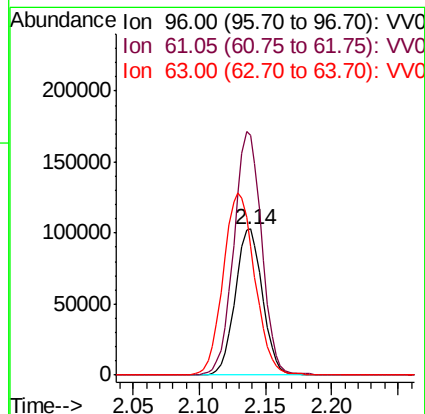
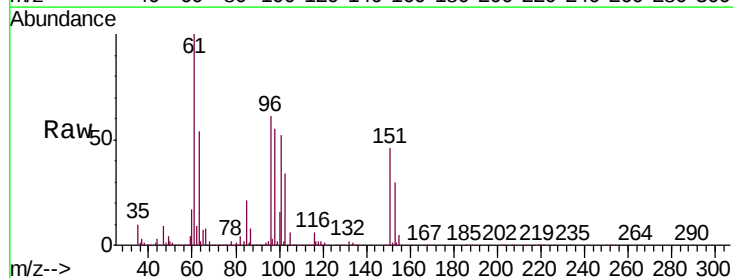
Tgt Ion: 96 Resp: 148155

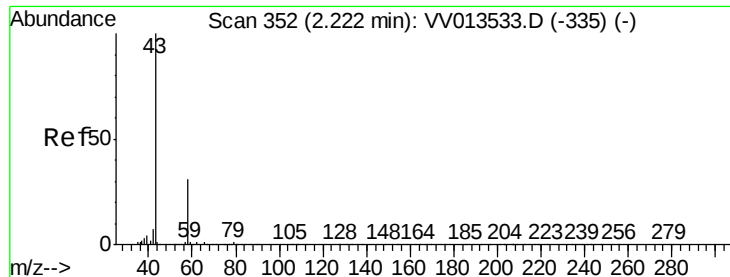
Ion Ratio Lower Upper

96 100

61 164.5 117.1 217.5

63 88.2 68.5 127.1





#13

Acetone

Concen: 46.367 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

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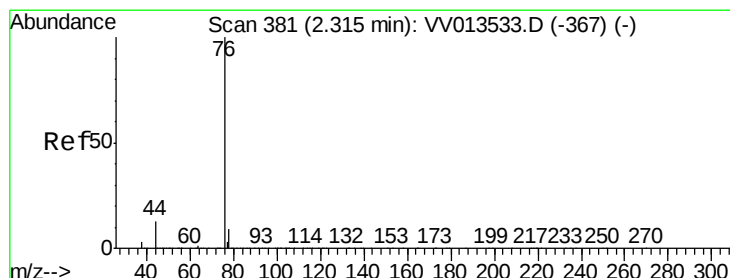
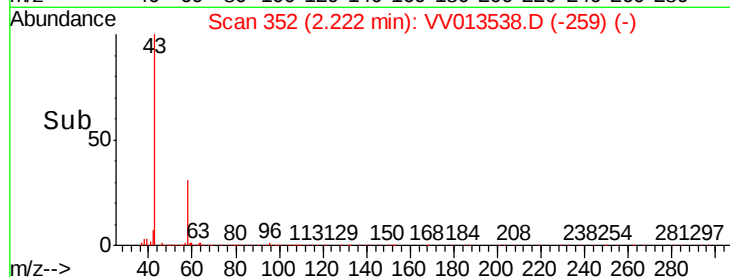
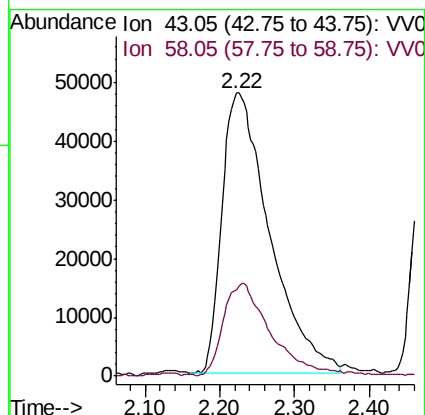
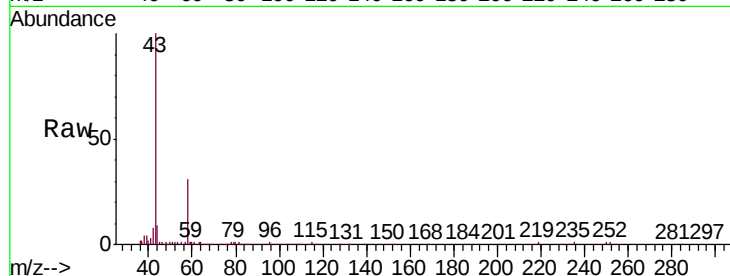
VICV34

Tgt Ion: 43 Resp: 213140

Ion Ratio Lower Upper

43 100

58 31.6 0.0 60.8



#14

Carbon disulfide

Concen: 4.951 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV013538.D

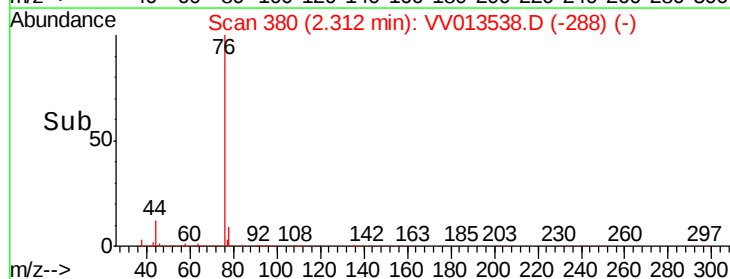
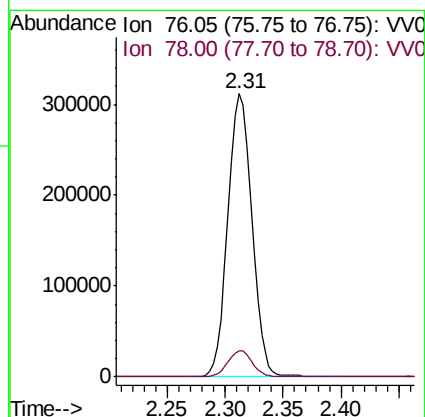
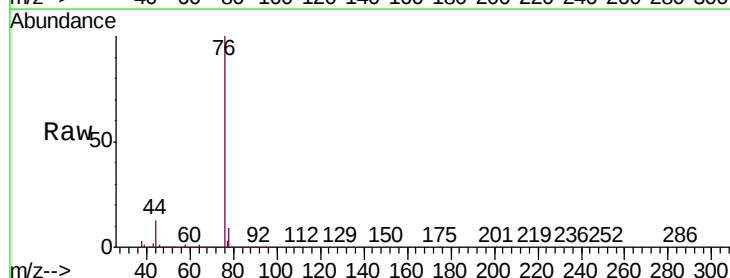
Acq: 08 Nov 2019 13:00

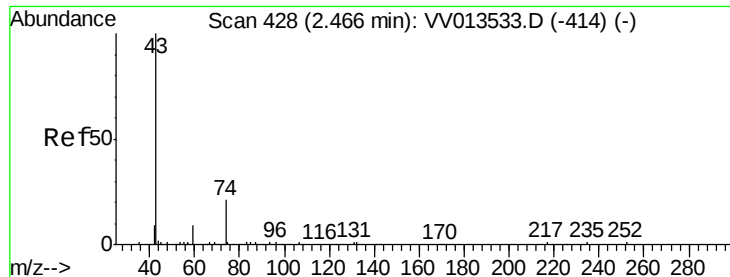
Tgt Ion: 76 Resp: 448796

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

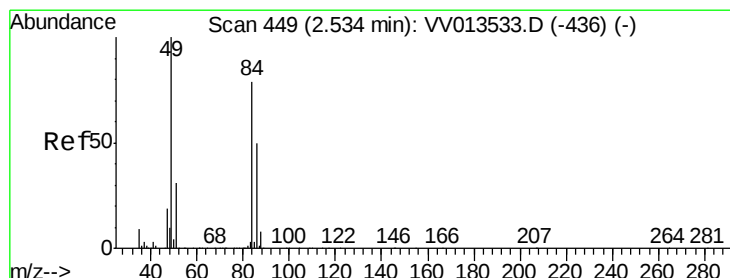
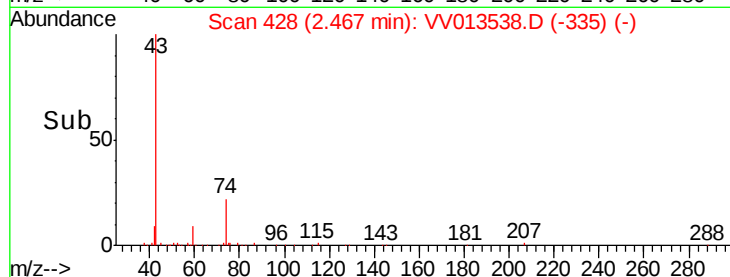
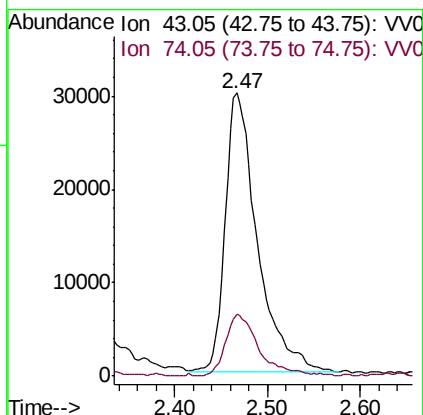
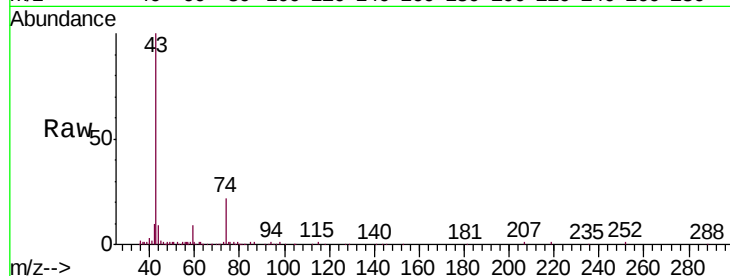




#15
Methyl Acetate
Concen: 5.230 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

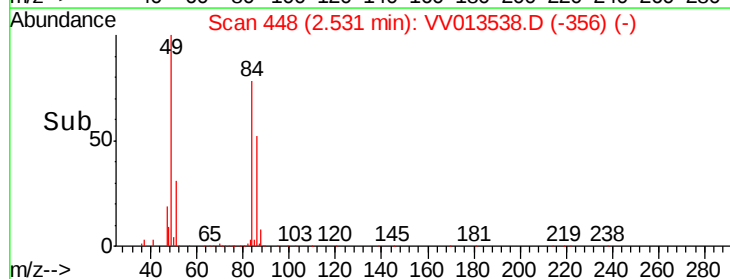
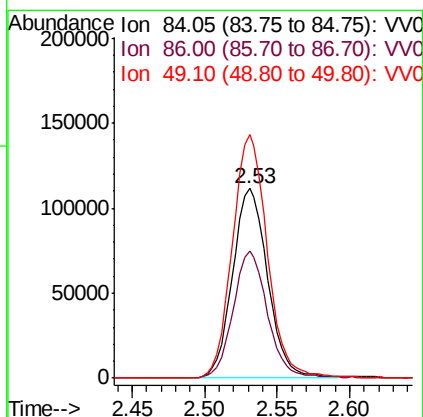
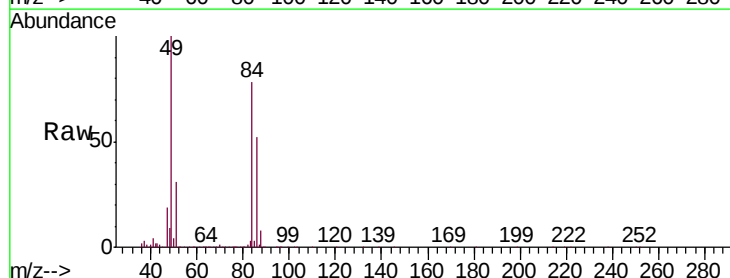
Instrument :
MSVOA_V
ClientSampleId :
VICV34

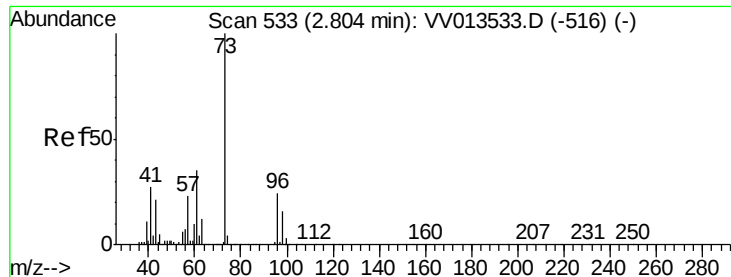
Tgt Ion: 43 Resp: 71875
Ion Ratio Lower Upper
43 100
74 23.0 19.4 29.0



#16
Methylene chloride
Concen: 4.735 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Tgt Ion: 84 Resp: 187053
Ion Ratio Lower Upper
84 100
86 66.9 44.2 82.2
49 128.4 88.8 164.8

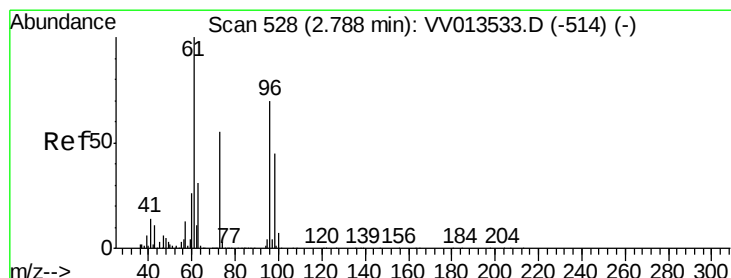
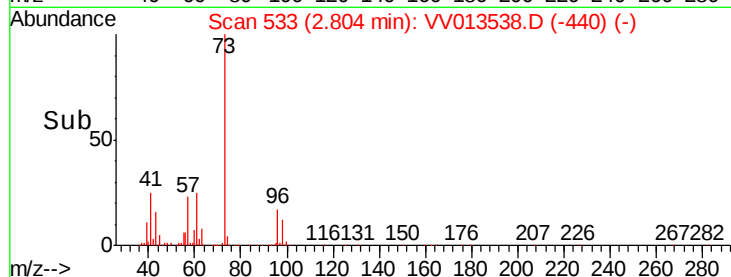
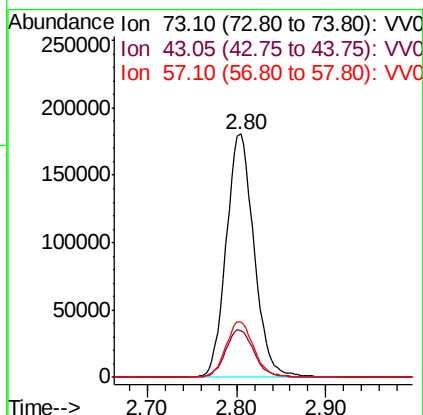
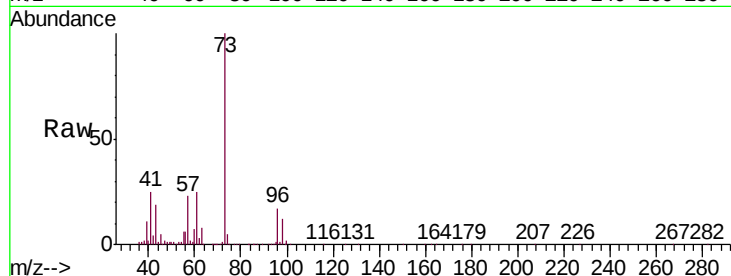




#17
Methyl tert-butyl Ether
Concen: 4.908 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

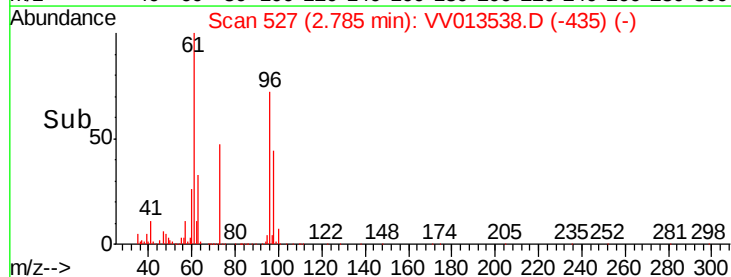
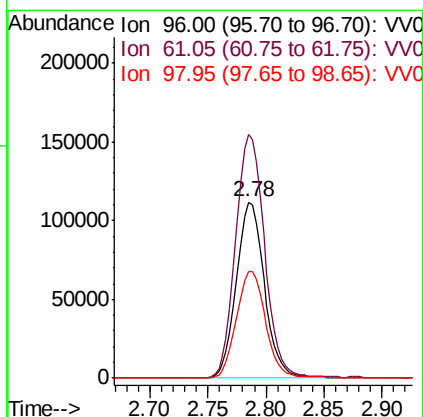
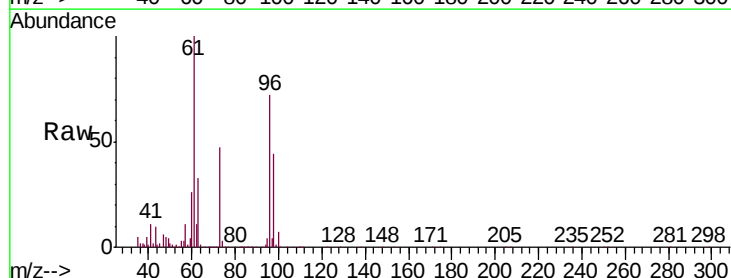
Instrument :
MSVOA_V
ClientSampleId :
VICV34

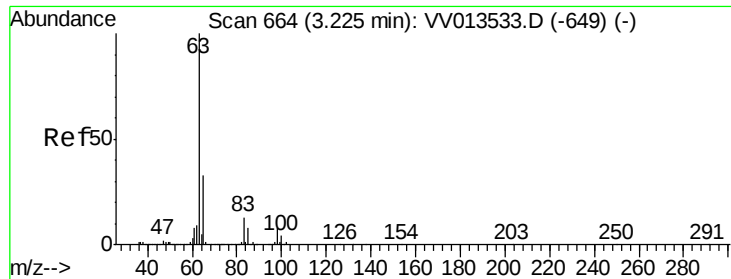
Tgt Ion: 73 Resp: 391094
Ion Ratio Lower Upper
73 100
43 19.7 16.4 24.6
57 22.7 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 5.024 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Tgt Ion: 96 Resp: 188013
Ion Ratio Lower Upper
96 100
61 138.4 100.0 185.8
98 60.6 45.3 84.1

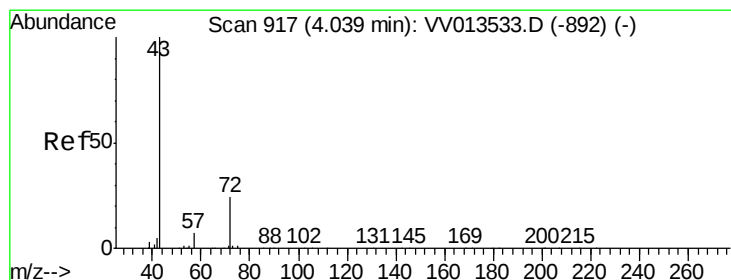
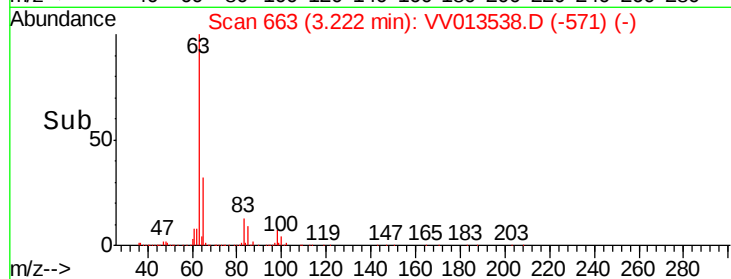
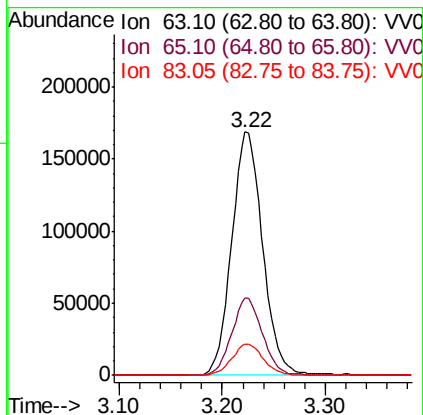
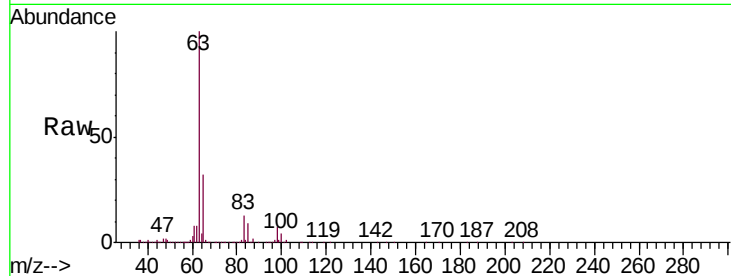




#19
 1,1-Dichloroethane
 Concen: 5.051 ug/L
 RT: 3.22 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VV013538.D
 Acq: 08 Nov 2019 13:00

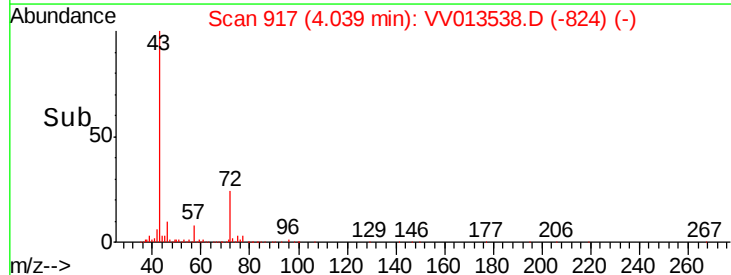
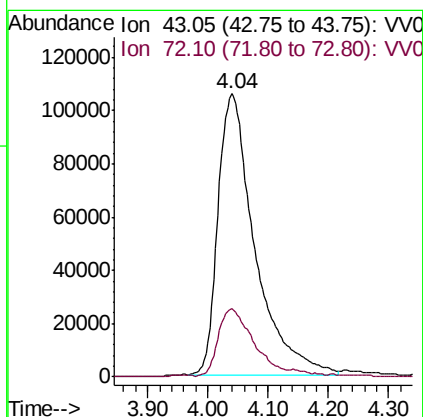
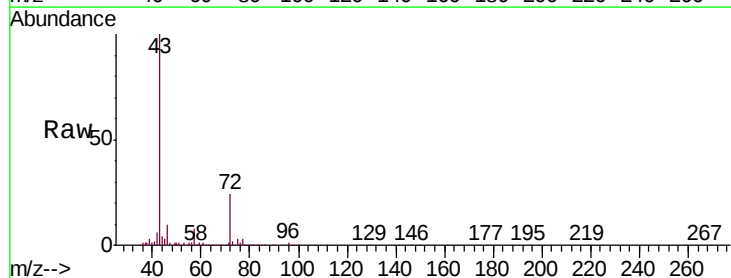
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

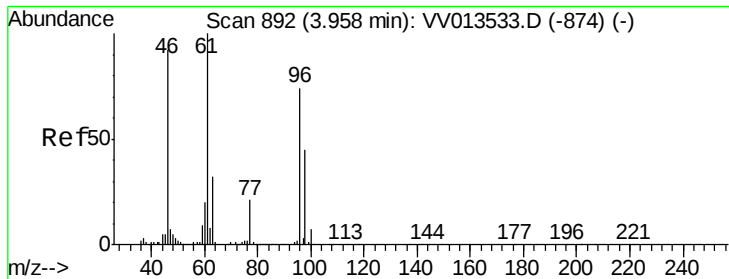
Tgt Ion: 63 Resp: 352713
 Ion Ratio Lower Upper
 63 100
 65 31.8 22.9 42.5
 83 12.8 9.1 16.9



#21
 2-Butanone
 Concen: 53.097 ug/L
 RT: 4.04 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VV013538.D
 Acq: 08 Nov 2019 13:00

Tgt Ion: 43 Resp: 446450
 Ion Ratio Lower Upper
 43 100
 72 22.7 11.6 34.7



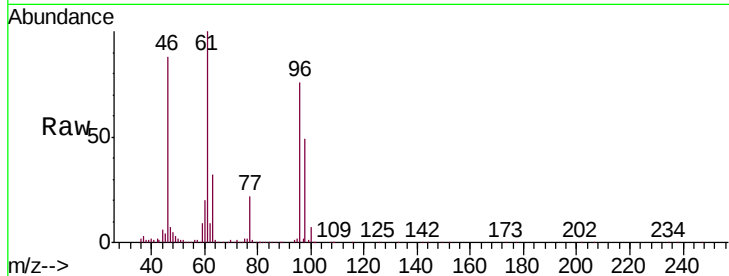


#22

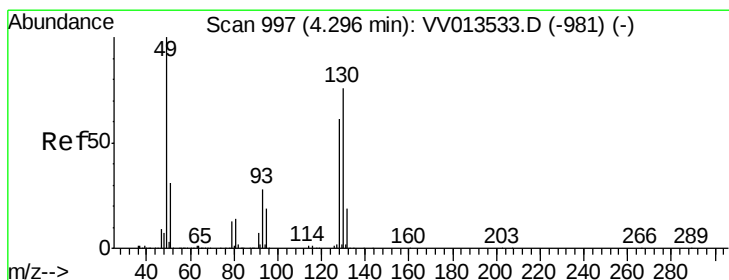
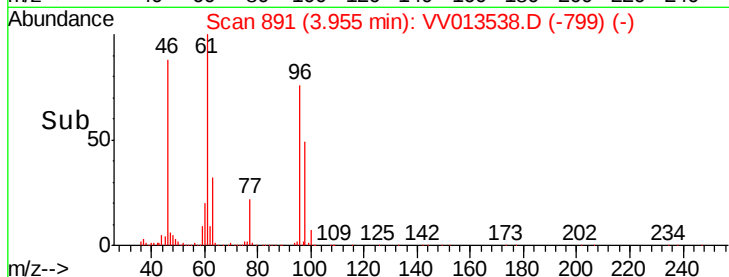
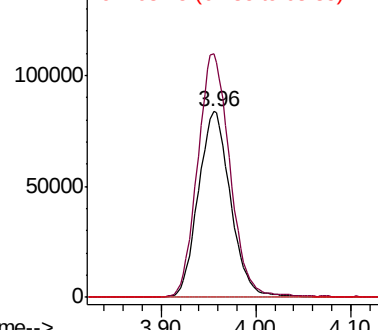
cis-1,2-Dichloroethene
Concen: 5.151 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Instrument :
MSVOA_V
ClientSampled :
VICV34

Tgt Ion: 96 Resp: 198796
Ion Ratio Lower Upper
96 100
61 131.0 94.6 175.8
68 0.0 0.1 0.3#



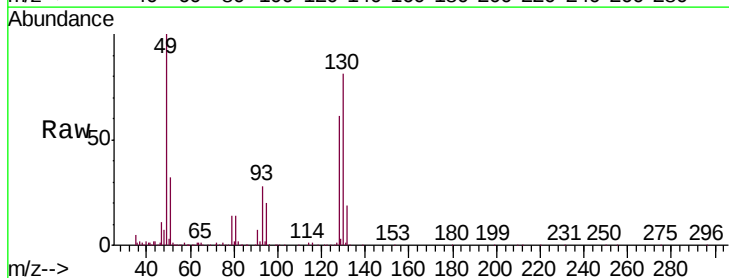
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



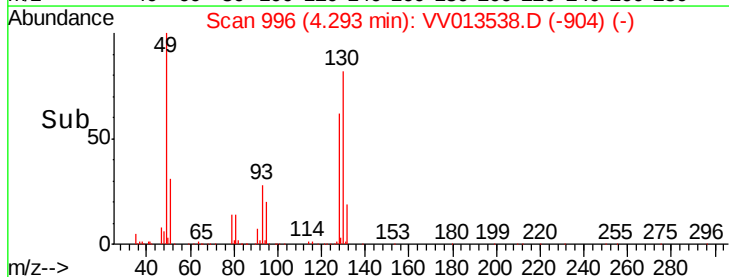
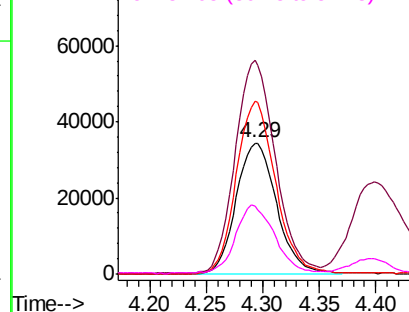
#23

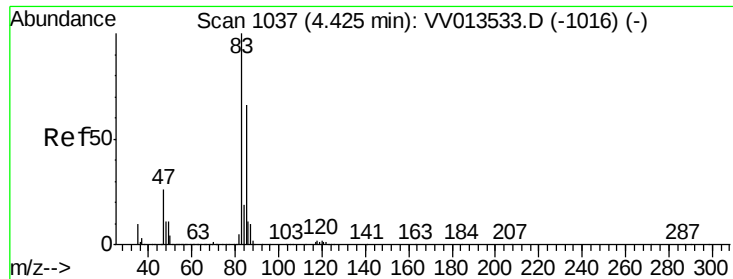
Bromochloromethane
Concen: 4.806 ug/L
RT: 4.29 min Scan# 996
Delta R.T. -0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Tgt Ion: 128 Resp: 85889
Ion Ratio Lower Upper
128 100
49 163.4 115.9 215.3
130 132.2 87.6 162.6
51 51.9 40.6 61.0



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0





#25

Chloroform

Concen: 4.900 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

Instrument :

MSVOA_V

ClientSampled :

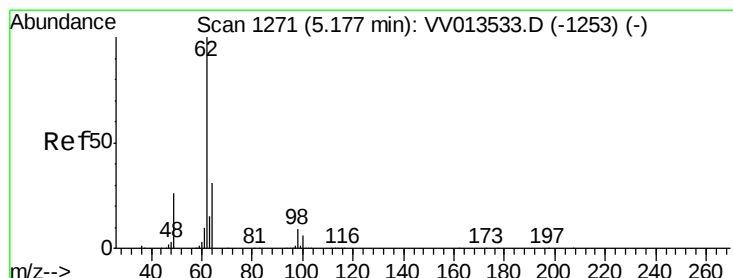
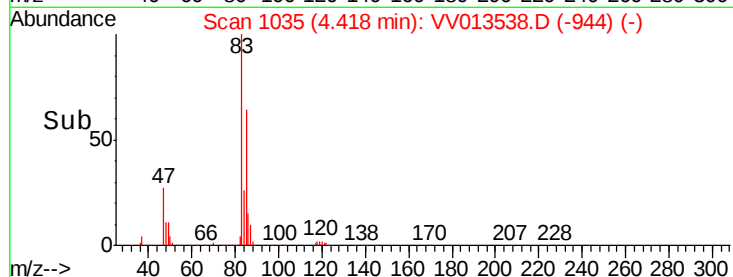
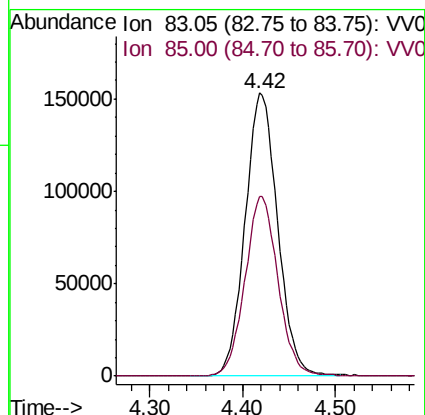
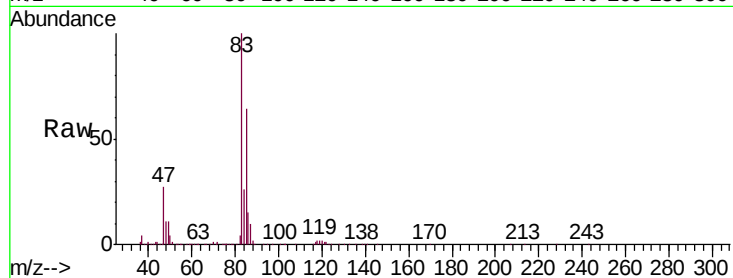
VICV34

Tgt Ion: 83 Resp: 373140

Ion Ratio Lower Upper

83 100

85 63.6 46.3 86.1



#27

1,2-Dichloroethane

Concen: 5.078 ug/L

RT: 5.17 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VV013538.D

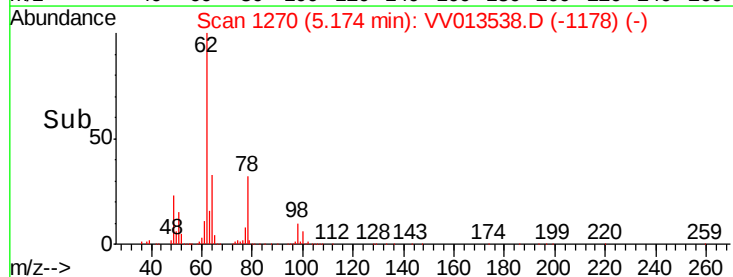
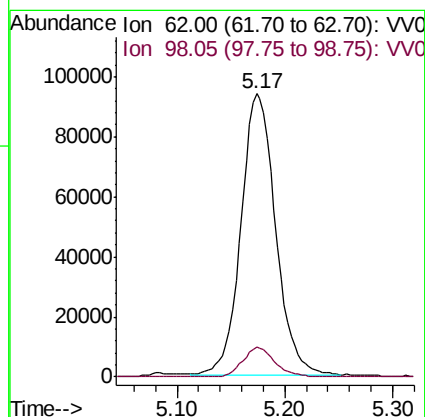
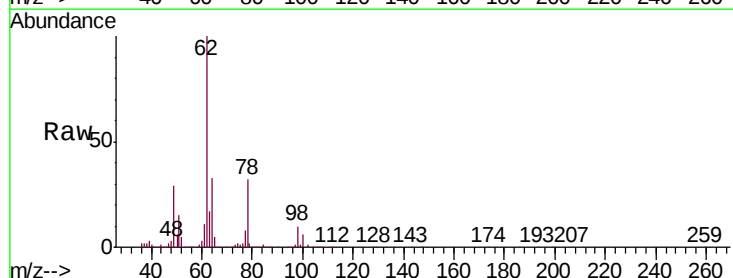
Acq: 08 Nov 2019 13:00

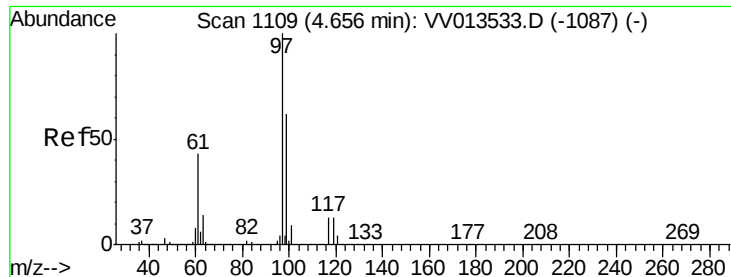
Tgt Ion: 62 Resp: 208793

Ion Ratio Lower Upper

62 100

98 10.4 7.4 11.0

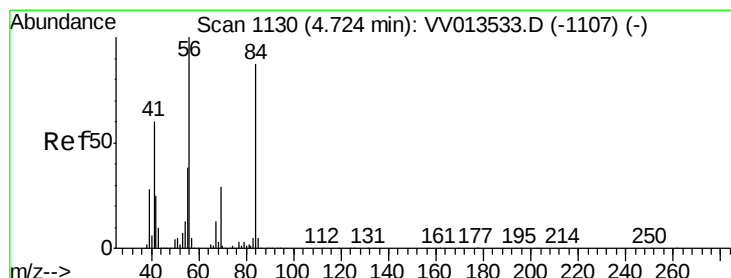
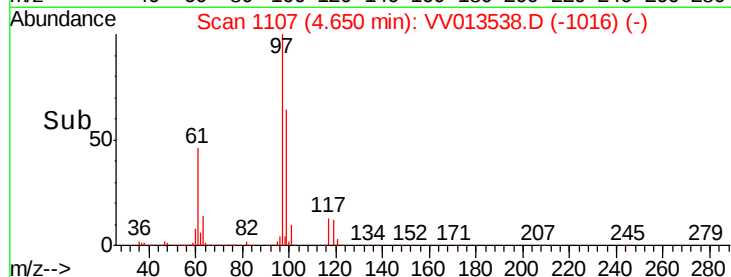
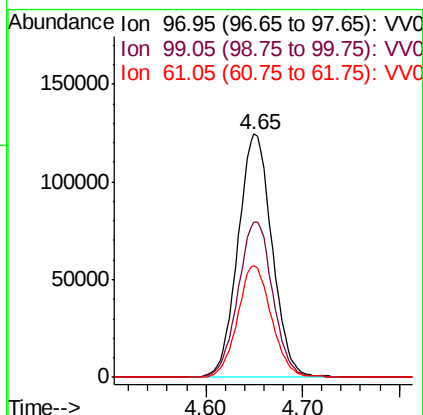
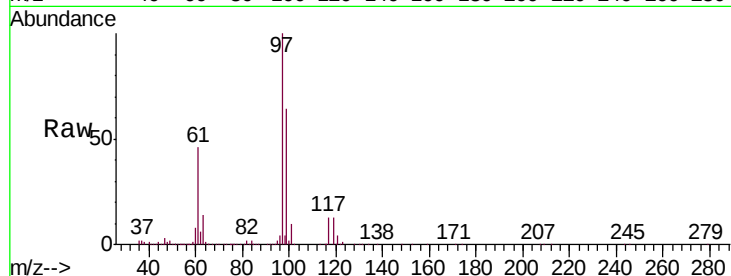




#29
 1,1,1-Trichloroethane
 Concen: 5.237 ug/L
 RT: 4.65 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VV013538.D
 Acq: 08 Nov 2019 13:00

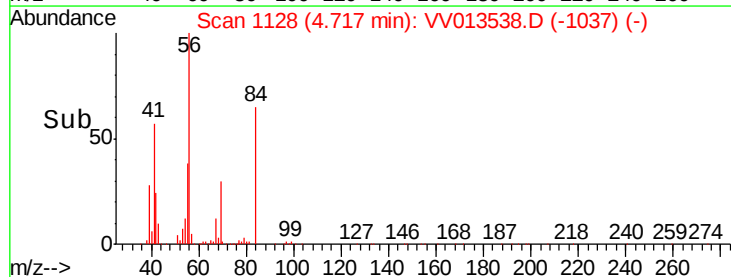
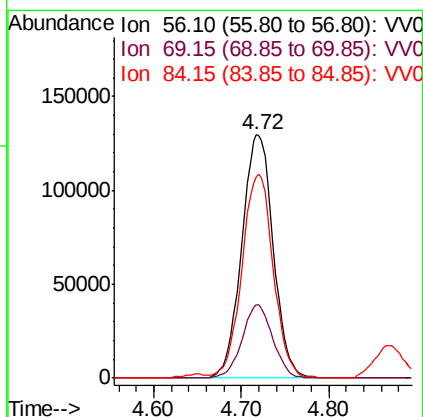
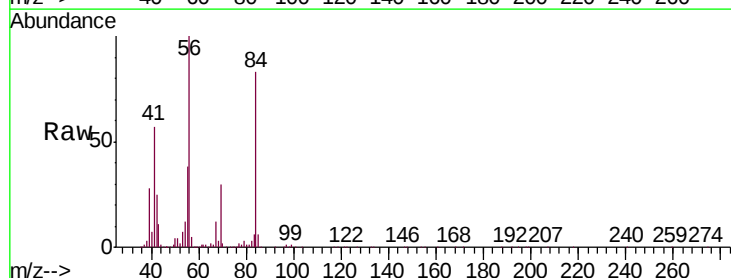
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

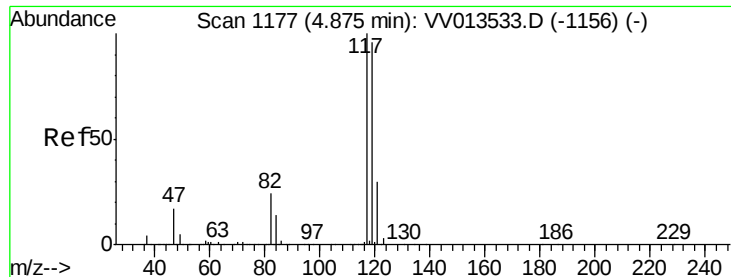
Tgt Ion	Resp	Lower	Upper
97	304648		
99	65.3	50.4	75.6
61	46.0	35.5	53.3



#30
 Cyclohexane
 Concen: 5.521 ug/L
 RT: 4.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VV013538.D
 Acq: 08 Nov 2019 13:00

Tgt Ion	Resp	Lower	Upper
56	323237		
69	29.2	22.9	34.3
84	82.9	67.2	100.8

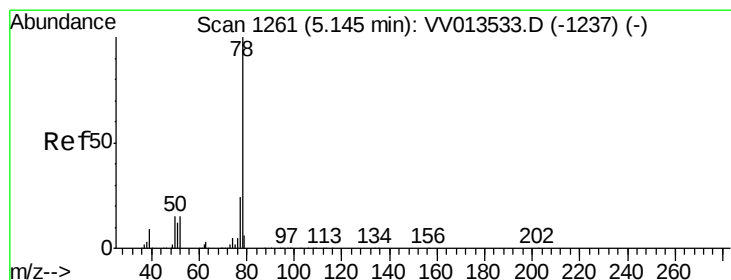
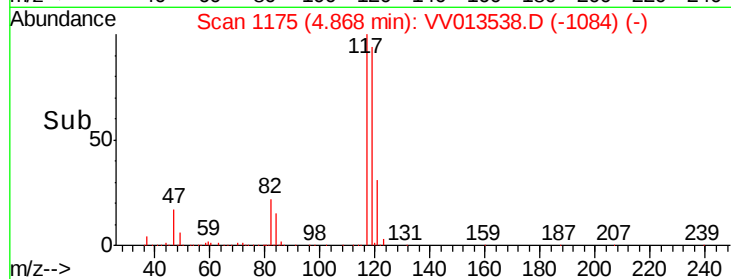
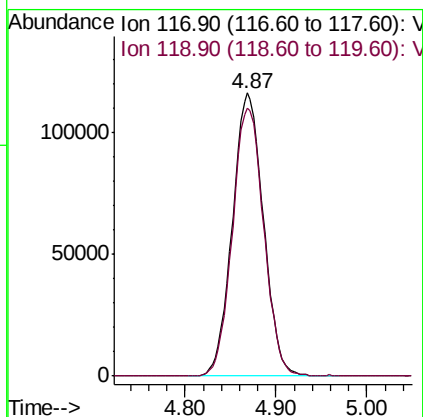
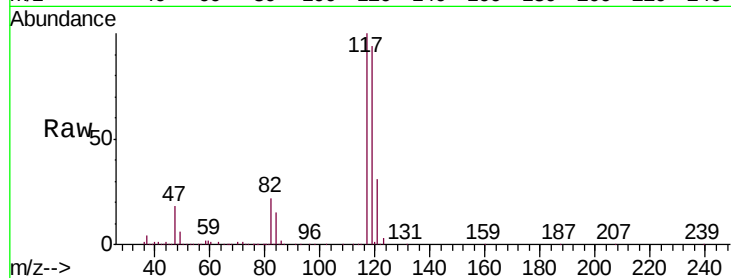




#31
Carbon tetrachloride
Concen: 5.273 ug/L
RT: 4.87 min Scan# 1175
Delta R.T. -0.01 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

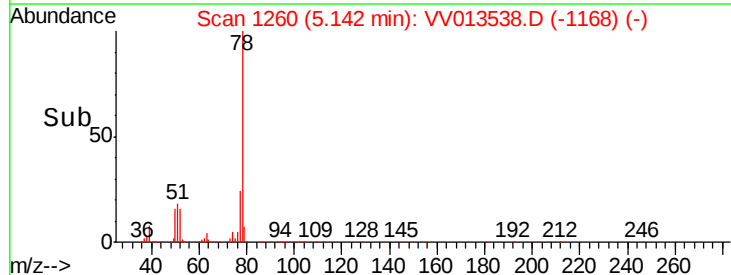
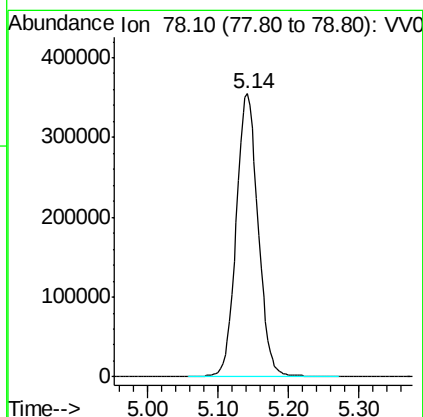
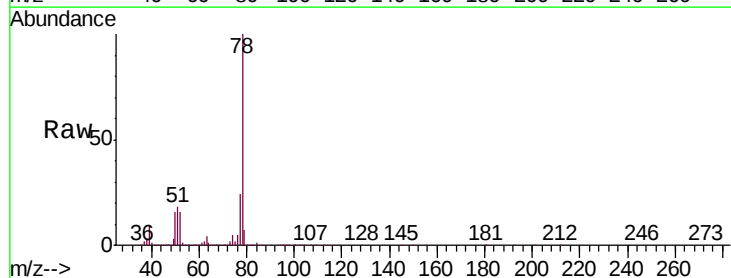
Instrument :
MSVOA_V
ClientSampled :
VICV34

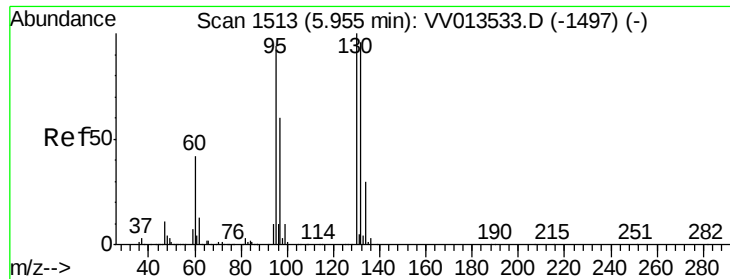
Tgt Ion:117 Resp: 275067
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.4



#33
Benzene
Concen: 5.293 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Tgt Ion: 78 Resp: 771592

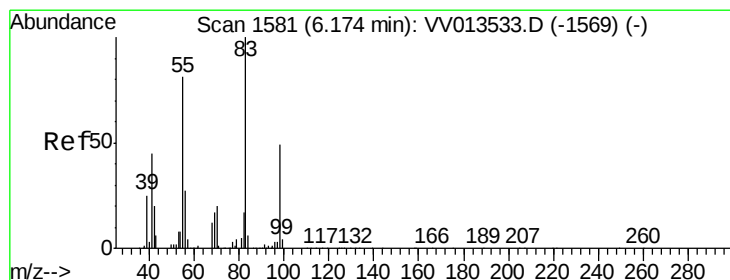
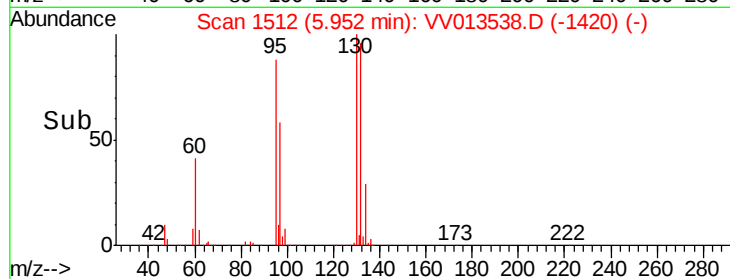
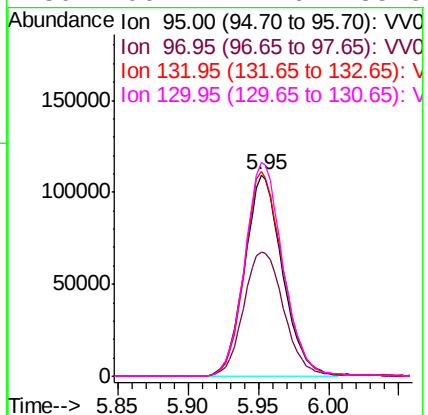
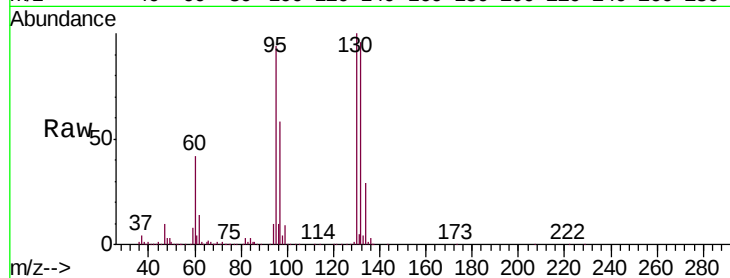




#34
 Trichloroethene
 Concen: 5.227 ug/L
 RT: 5.95 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: VV013538.D
 Acq: 08 Nov 2019 13:00

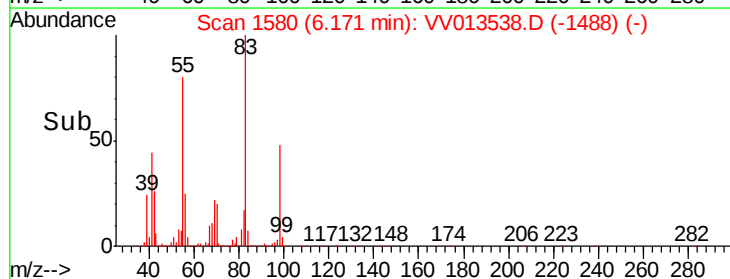
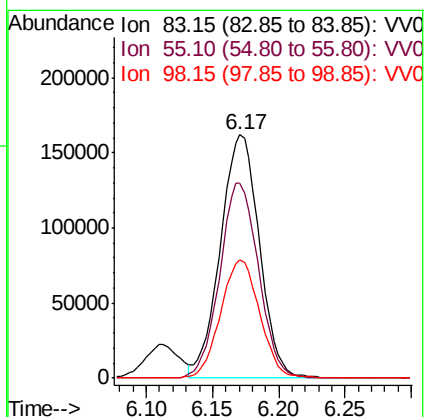
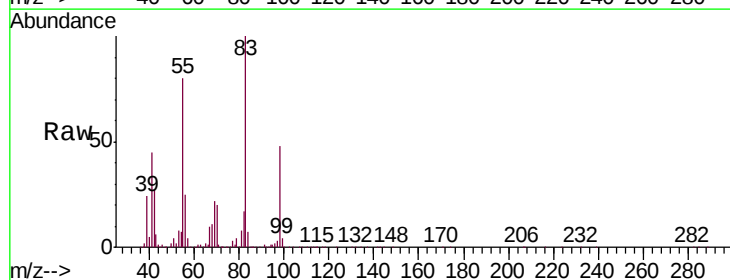
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

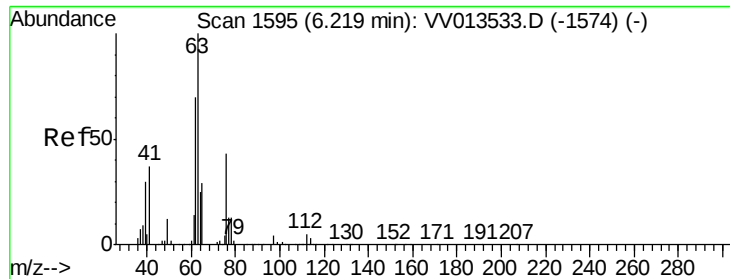
Tgt Ion:	95	Resp:	205461
Ion	Ratio	Lower	Upper
95	100		
97	62.0	44.7	83.1
132	102.1	71.6	133.0
130	106.2	74.6	138.6



#35
 Methylcyclohexane
 Concen: 5.519 ug/L
 RT: 6.17 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: VV013538.D
 Acq: 08 Nov 2019 13:00

Tgt Ion:	83	Resp:	329741
Ion	Ratio	Lower	Upper
83	100		
55	79.8	63.8	95.8
98	49.2	38.4	57.6





#37

1,2-Dichloropropane

Concen: 5.439 ug/L

RT: 6.22 min Scan# 1594

Delta R.T. -0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

Instrument :

MSVOA_V

ClientSampled :

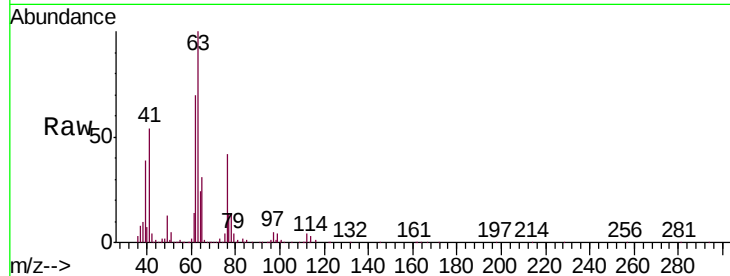
VICV34

Tgt Ion: 63 Resp: 195022

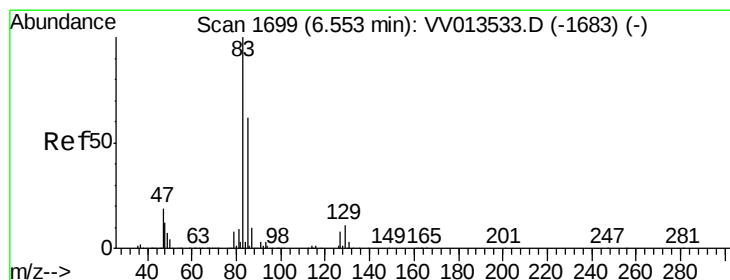
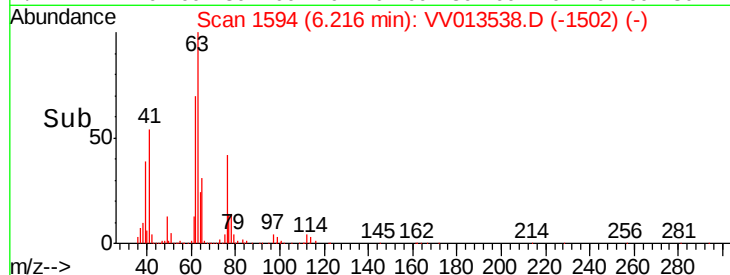
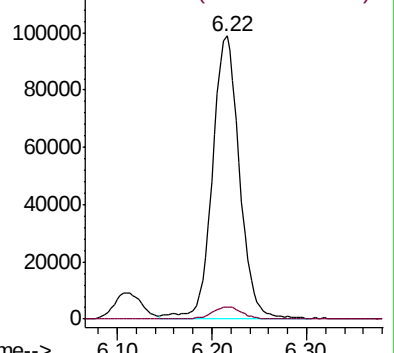
Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.6



Abundance Ion 63.10 (62.80 to 63.80): VV013538.D (-1574) (-)



#38

Bromodichloromethane

Concen: 5.211 ug/L

RT: 6.55 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

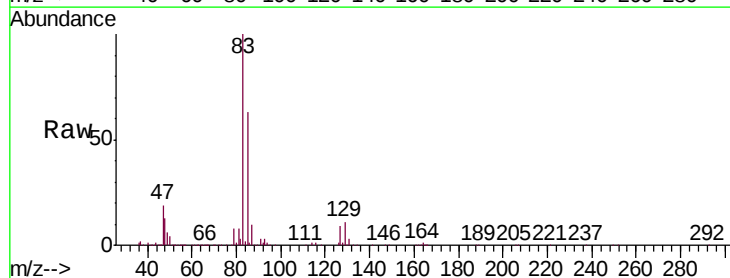
Tgt Ion: 83 Resp: 241186

Ion Ratio Lower Upper

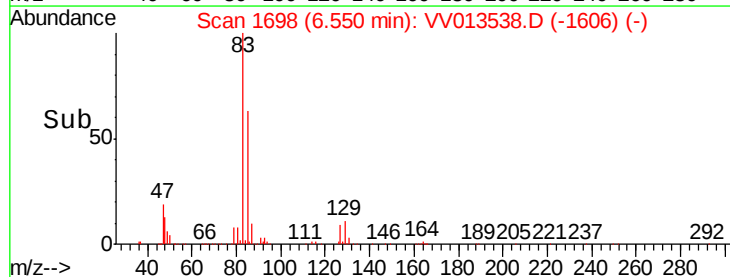
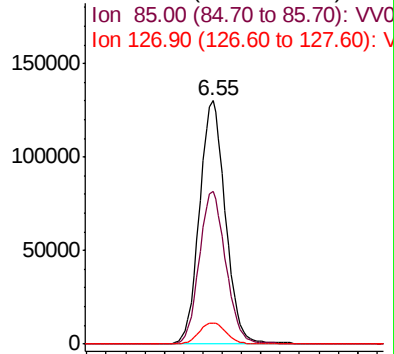
83 100

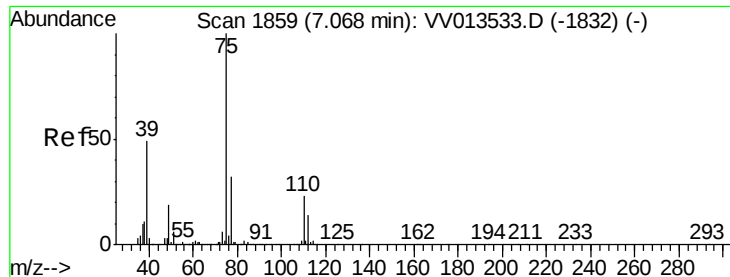
85 62.8 43.6 81.0

127 8.8 6.5 9.7



Abundance Ion 82.95 (82.65 to 83.65): VV013538.D (-1606) (-)





#39

cis-1,3-Dichloropropene

Concen: 5.340 ug/L

RT: 7.06 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

Instrument :

MSVOA_V

ClientSampleId :

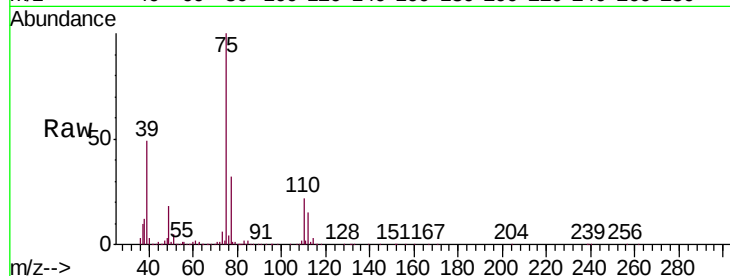
VICV34

Tgt Ion: 75 Resp: 265997

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

150000

100000

50000

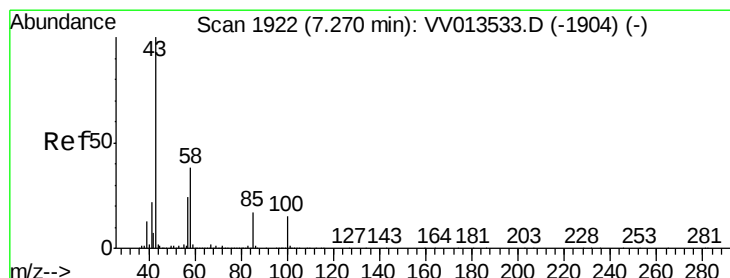
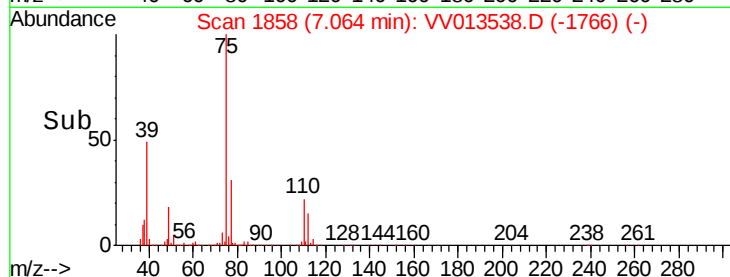
0

7.06

7.10

7.20

Time-->



#40

4-Methyl-2-pentanone

Concen: 53.212 ug/L

RT: 7.27 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

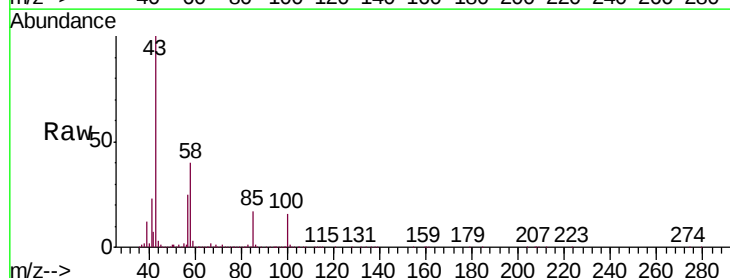
Tgt Ion: 43 Resp: 1097434

Ion Ratio Lower Upper

43 100

58 38.3 30.6 45.8

100 15.1 12.0 18.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0

800000

600000

400000

200000

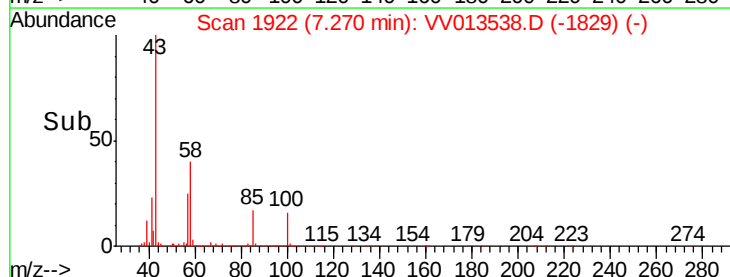
0

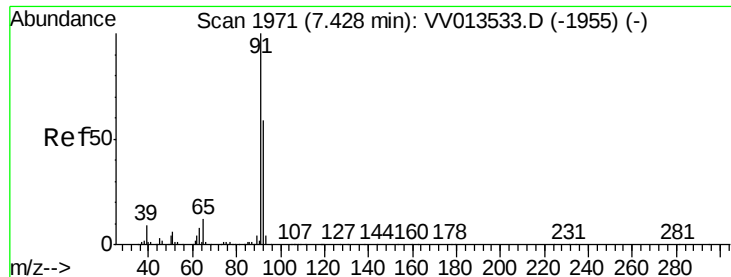
7.27

7.30

7.40

Time-->





#42

Toluene

Concen: 5.400 ug/L

RT: 7.42 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

Instrument :

MSVOA_V

ClientSampled :

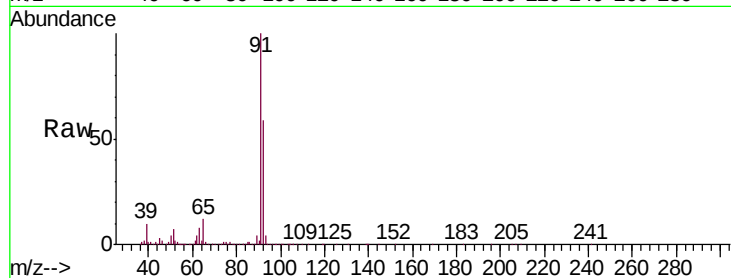
VICV34

Tgt Ion: 91 Resp: 818783

Ion Ratio Lower Upper

91 100

92 58.7 41.4 77.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.42

500000

400000

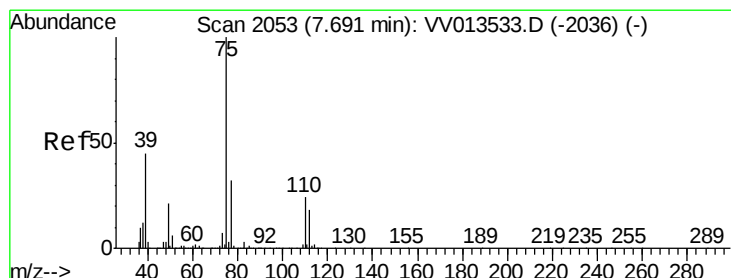
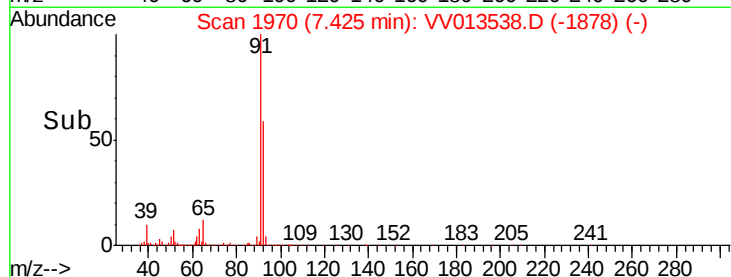
300000

200000

100000

0

Time--> 7.30 7.40 7.50



#44

trans-1,3-Dichloropropene

Concen: 5.335 ug/L

RT: 7.69 min Scan# 2052

Delta R.T. -0.00 min

Lab File: VV013538.D

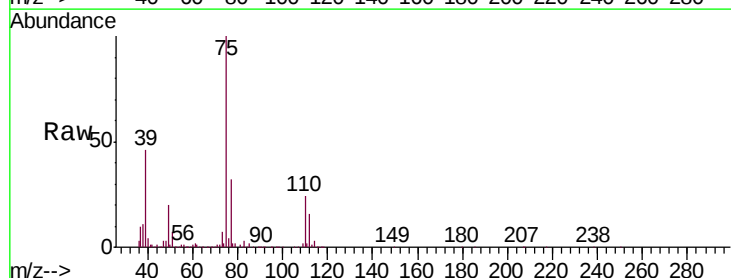
Acq: 08 Nov 2019 13:00

Tgt Ion: 75 Resp: 208966

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

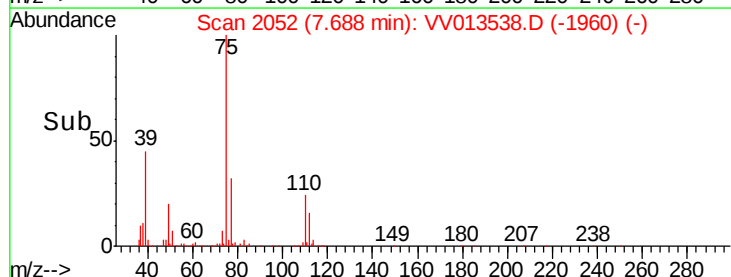
7.69

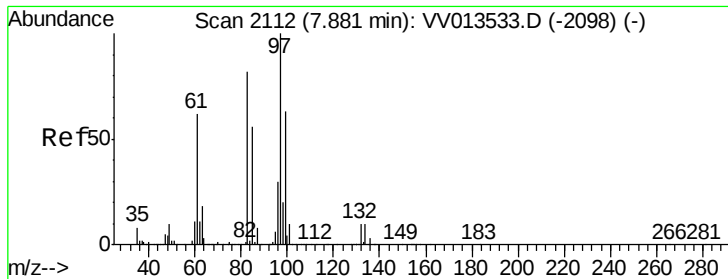
100000

50000

0

Time--> 7.60 7.70 7.80

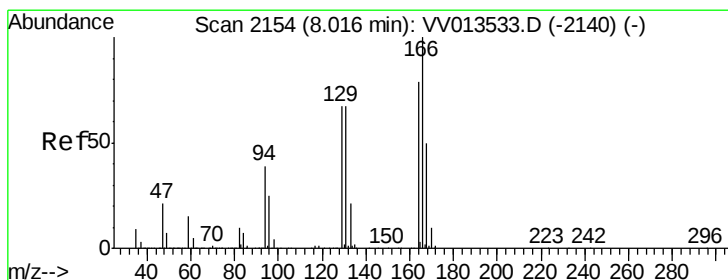
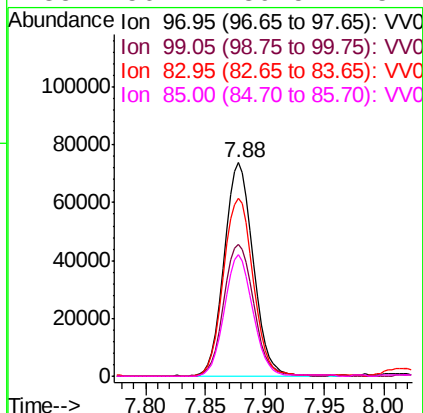
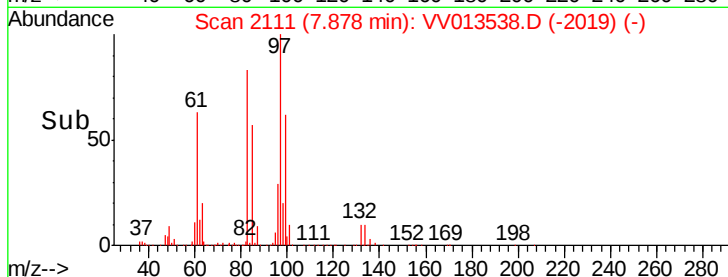
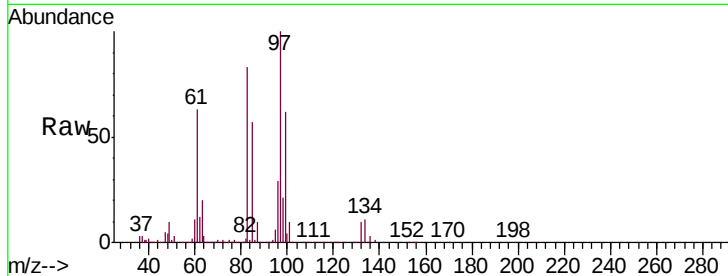




#45
 1,1,2-Trichloroethane
 Concen: 5.090 ug/L
 RT: 7.88 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VV013538.D
 Acq: 08 Nov 2019 13:00

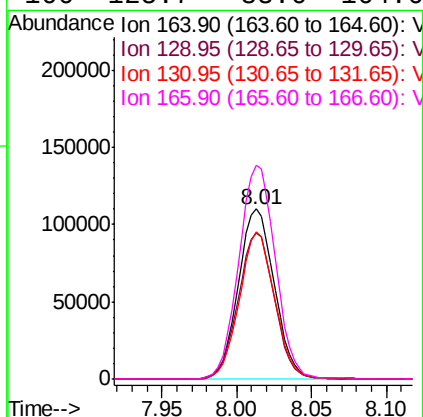
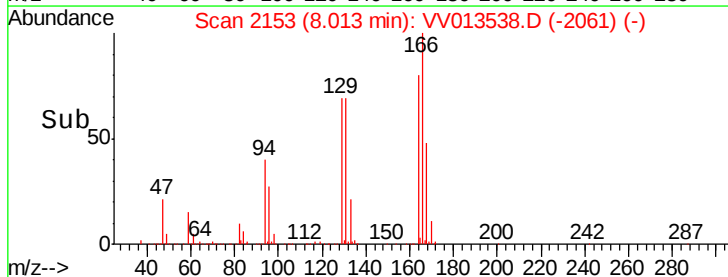
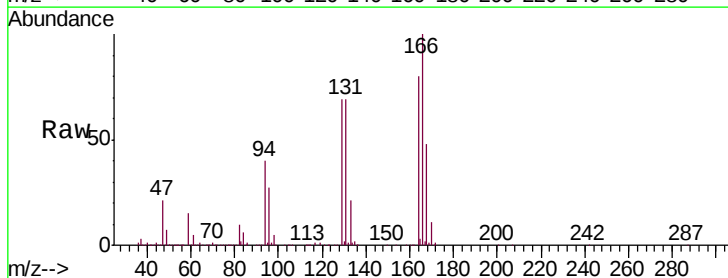
Instrument :
 MSVOA_V
 ClientSampled :
 VICV34

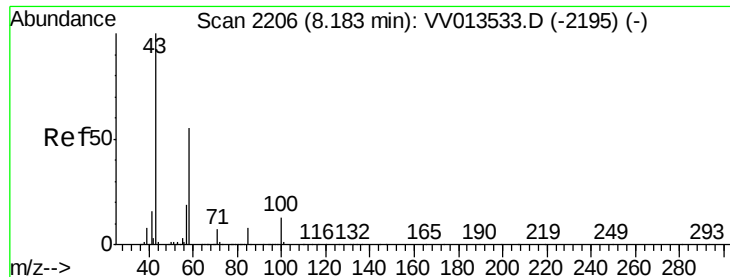
Tgt Ion:	97	Resp:	125431
Ion	Ratio	Lower	Upper
97	100		
99	61.6	44.4	82.5
83	83.3	57.5	106.7
85	56.7	39.5	73.4



#47
 Tetrachloroethene
 Concen: 5.379 ug/L
 RT: 8.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VV013538.D
 Acq: 08 Nov 2019 13:00

Tgt Ion:	164	Resp:	184864
Ion	Ratio	Lower	Upper
164	100		
129	86.2	59.6	110.8
131	87.0	59.1	109.9
166	125.7	88.6	164.6

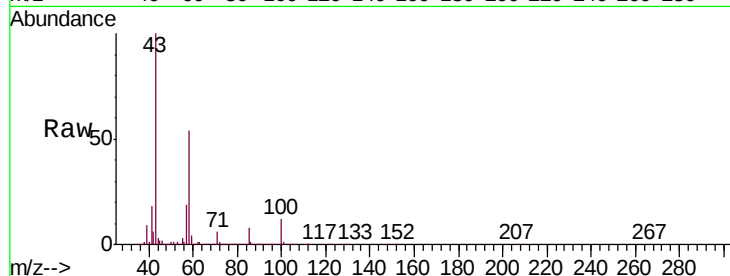




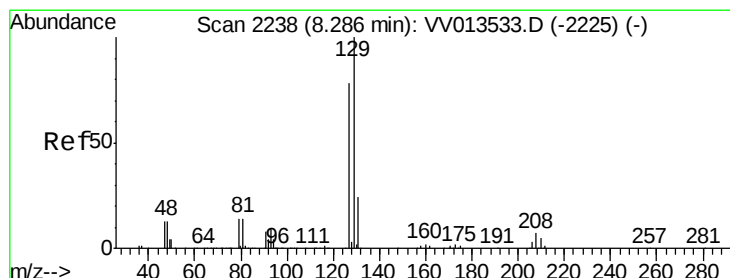
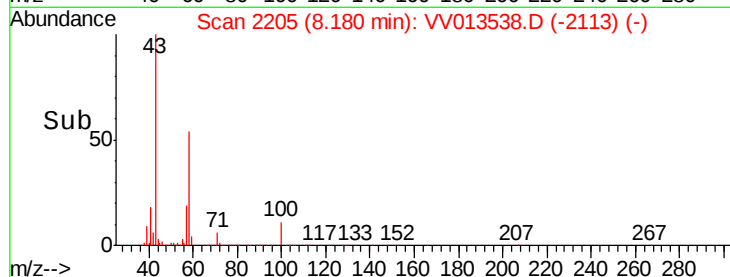
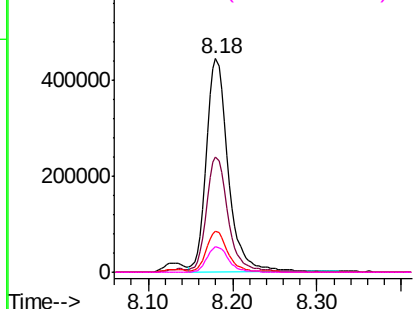
#48
2-Hexanone
Concen: 54.757 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Instrument :
MSVOA_V
ClientSampleId :
VICV34

Tgt Ion: 43 Resp: 799573
Ion Ratio Lower Upper
43 100
58 53.3 43.8 65.8
57 18.6 15.0 22.6
100 11.8 9.8 14.6

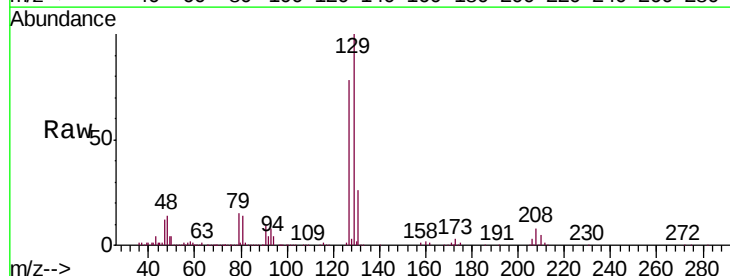


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

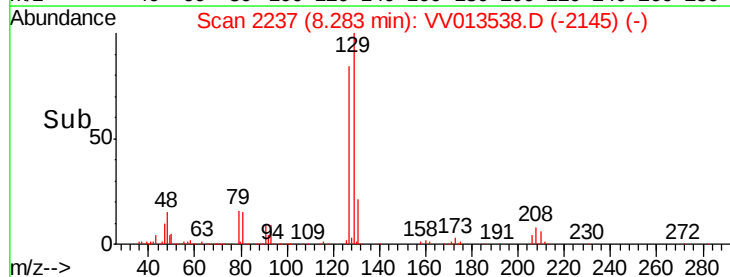
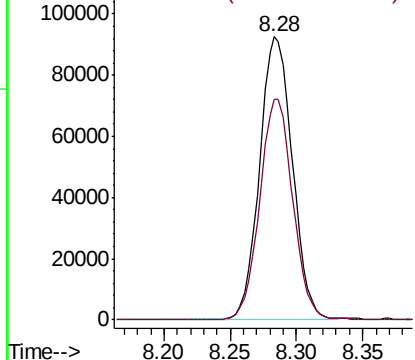


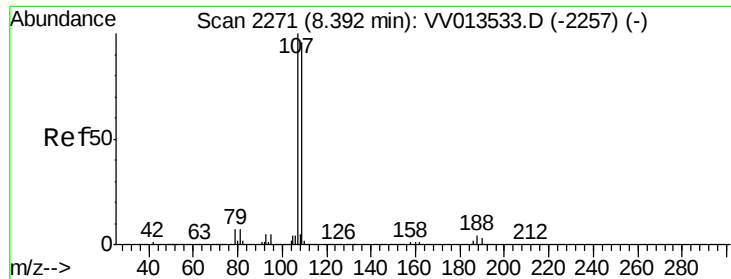
#49
Dibromochloromethane
Concen: 5.183 ug/L
RT: 8.28 min Scan# 2237
Delta R.T. -0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Tgt Ion: 129 Resp: 159314
Ion Ratio Lower Upper
129 100
127 78.0 54.7 101.7



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

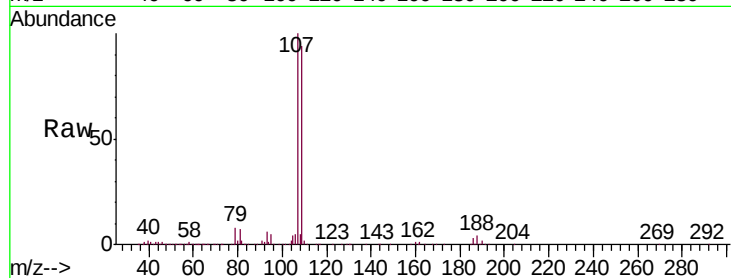




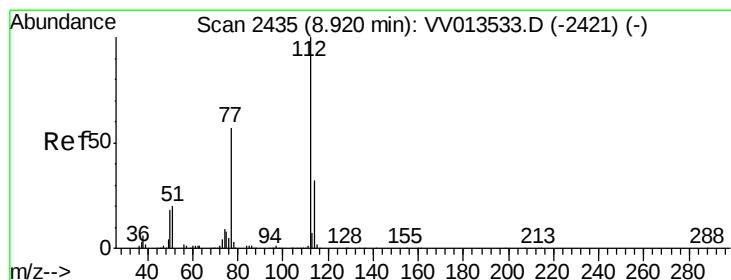
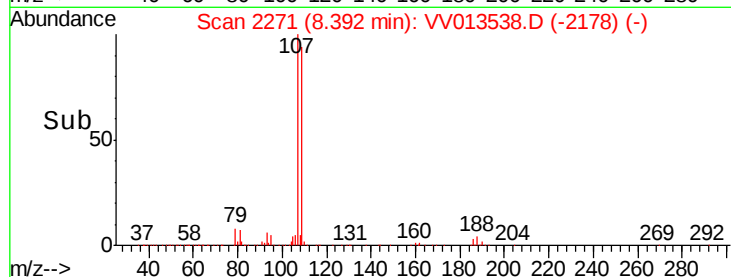
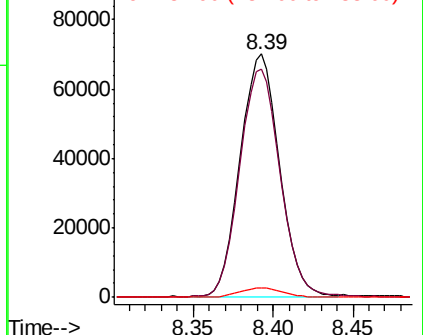
#50
1,2-Dibromoethane
Concen: 5.151 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Instrument :
MSVOA_V
ClientSampleId :
VICV34

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.9	66.9	124.3
188	4.1	3.4	5.0

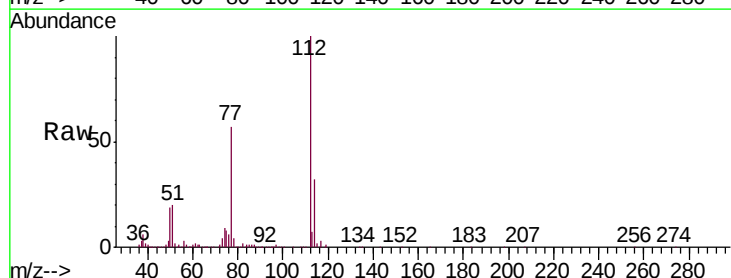


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

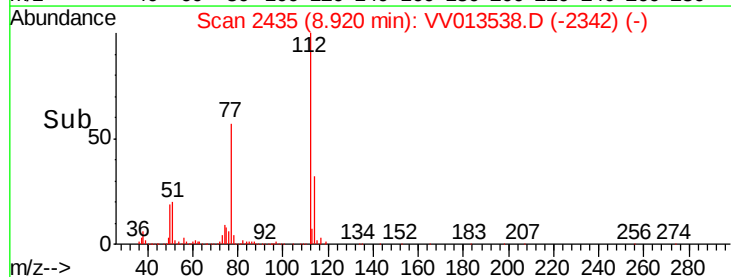
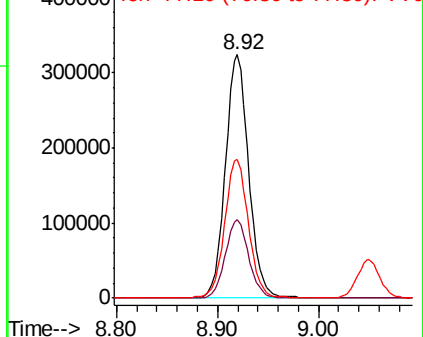


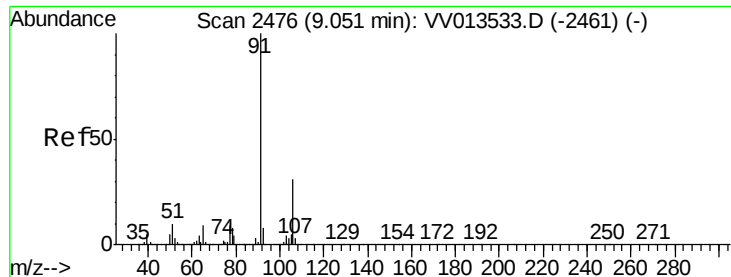
#51
Chlorobenzene
Concen: 5.240 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.6	42.0
77	57.1	46.2	69.2



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.395 ug/L

RT: 9.05 min Scan# 2475

Delta R.T. -0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

Instrument :

MSVOA_V

ClientSampleId :

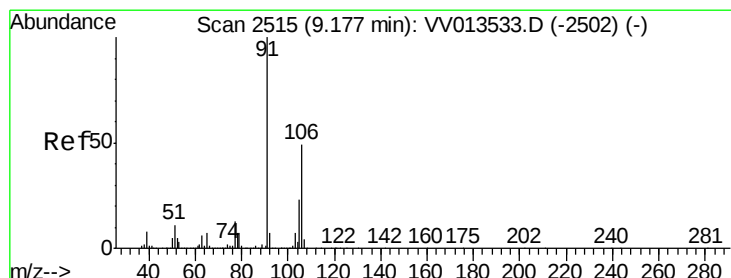
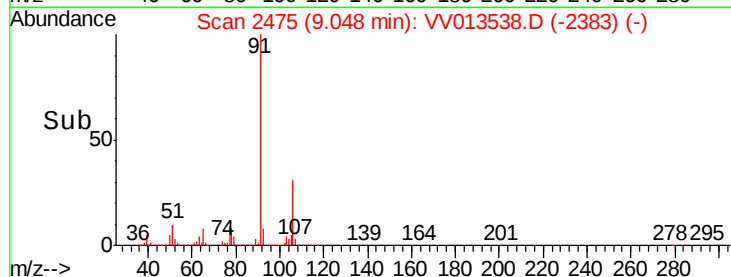
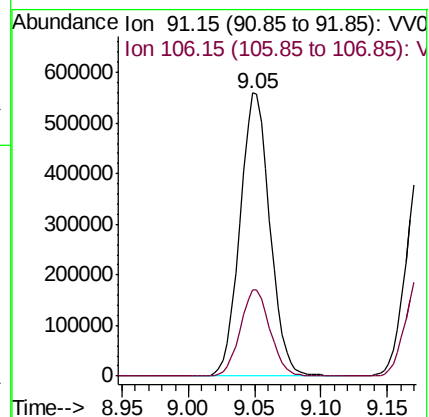
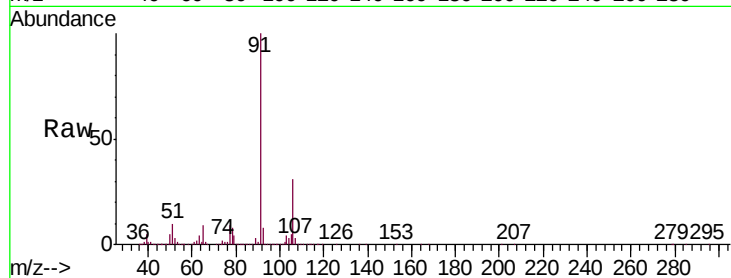
VICV34

Tgt Ion: 91 Resp: 876290

Ion Ratio Lower Upper

91 100

106 30.7 21.6 40.0



#53

m,p-xylene

Concen: 5.468 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. 0.00 min

Lab File: VV013538.D

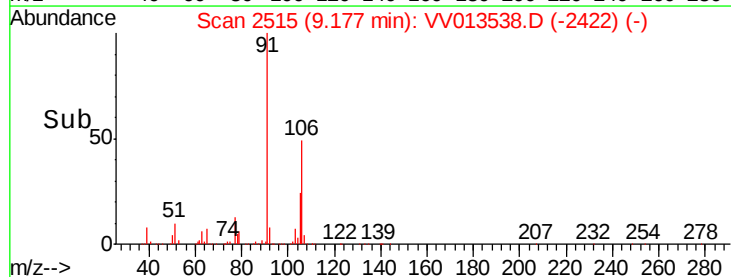
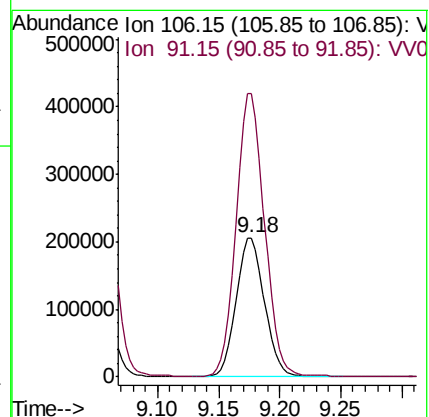
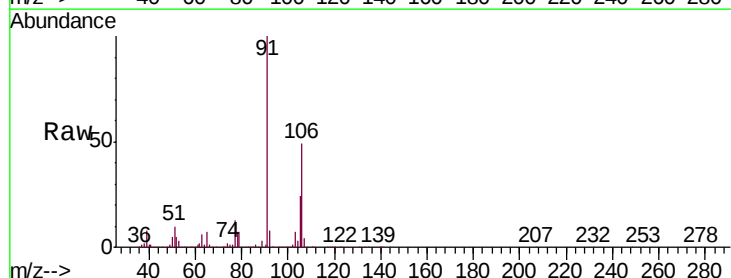
Acq: 08 Nov 2019 13:00

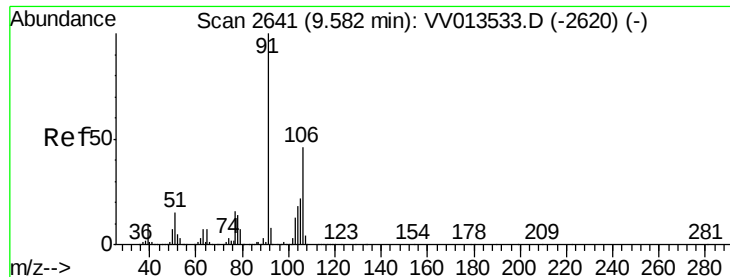
Tgt Ion: 106 Resp: 331265

Ion Ratio Lower Upper

106 100

91 203.6 142.0 263.6

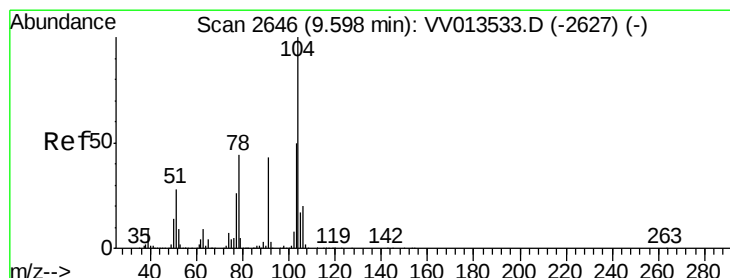
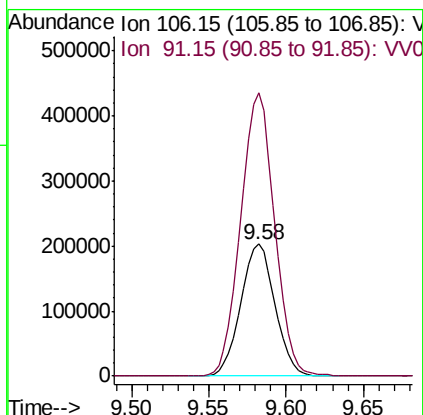
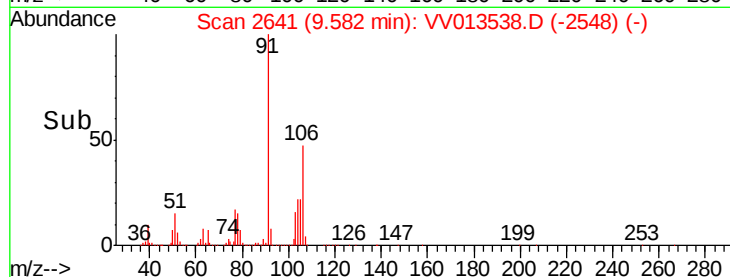
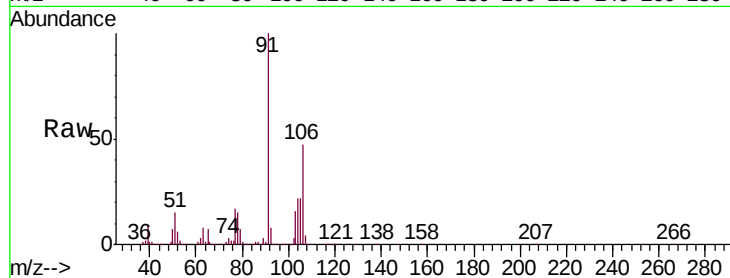




#54
o-xylene
Concen: 5.376 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

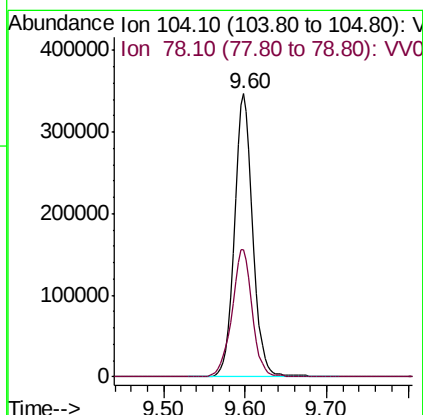
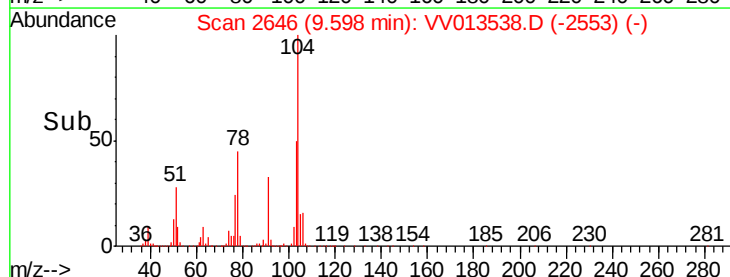
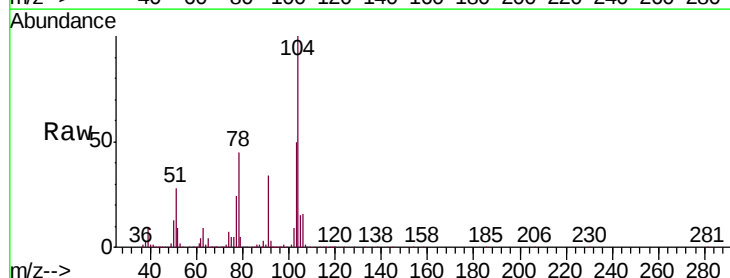
Instrument :
MSVOA_V
ClientSampleId :
VICV34

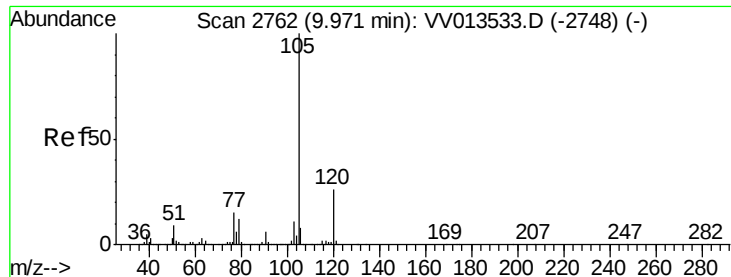
Tgt Ion:106 Resp: 312888
Ion Ratio Lower Upper
106 100
91 214.0 150.8 280.0



#55
Styrene
Concen: 5.540 ug/L
RT: 9.60 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Tgt Ion:104 Resp: 546670
Ion Ratio Lower Upper
104 100
78 45.1 30.8 57.2

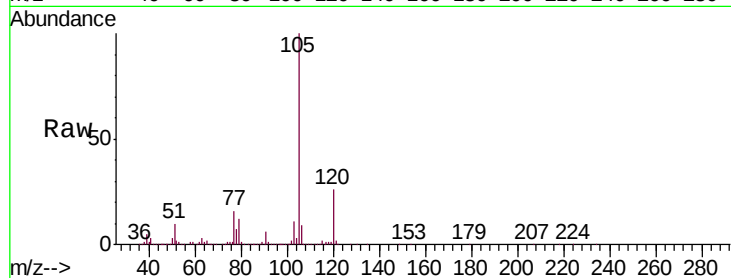




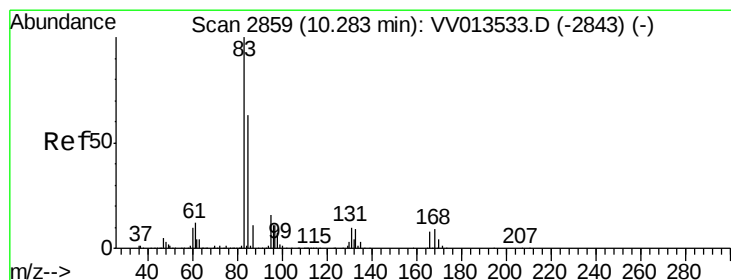
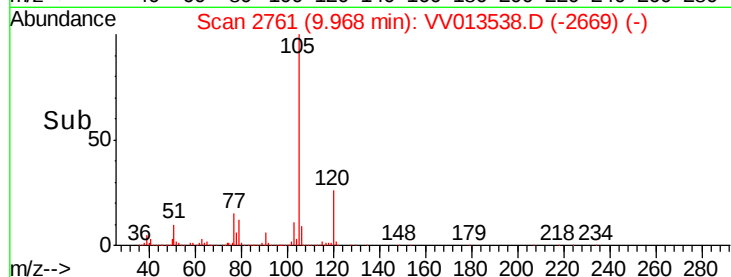
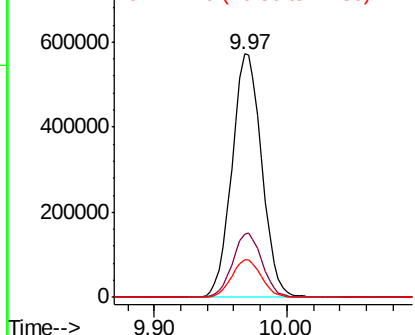
#56
Isopropylbenzene
Concen: 5.673 ug/L
RT: 9.97 min Scan# 2761
Delta R.T. -0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Instrument :
MSVOA_V
ClientSampleId :
VICV34

Tgt Ion:	105	Resp:	891204
Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.9	31.3
77	15.5	12.3	18.5

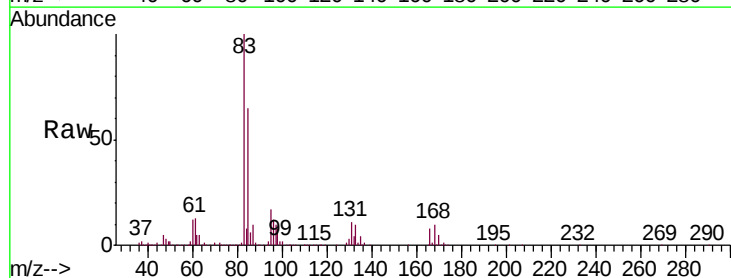


Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): V

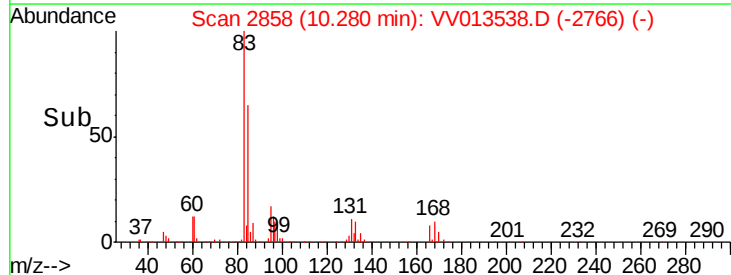
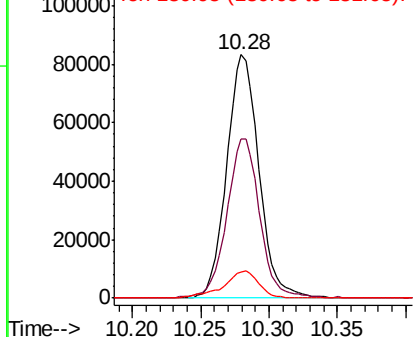


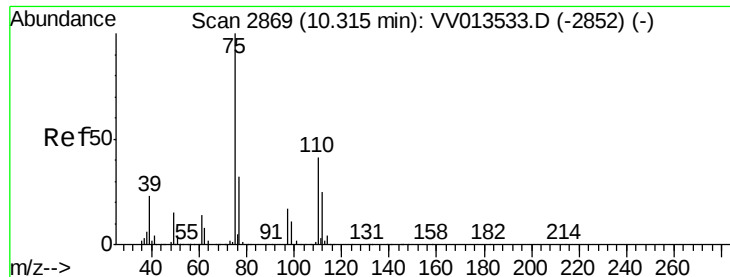
#58
1,1,2,2-Tetrachloroethane
Concen: 5.201 ug/L
RT: 10.28 min Scan# 2858
Delta R.T. -0.00 min
Lab File: VV013538.D
Acq: 08 Nov 2019 13:00

Tgt Ion:	83	Resp:	136813
Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.1	81.9
131	10.9	8.5	12.7



Abundance Ion 82.95 (82.65 to 83.65): VV0
Ion 85.00 (84.70 to 85.70): VV0
Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 5.253 ug/L

RT: 10.31 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

Instrument :

MSVOA_V

ClientSampled :

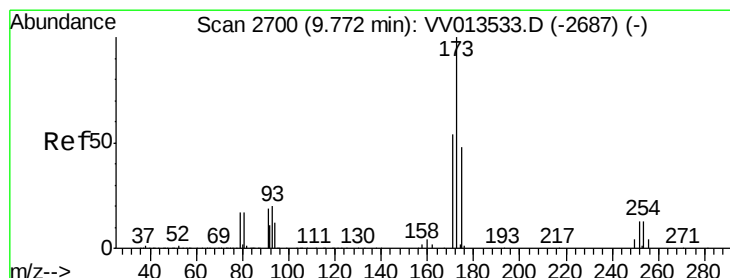
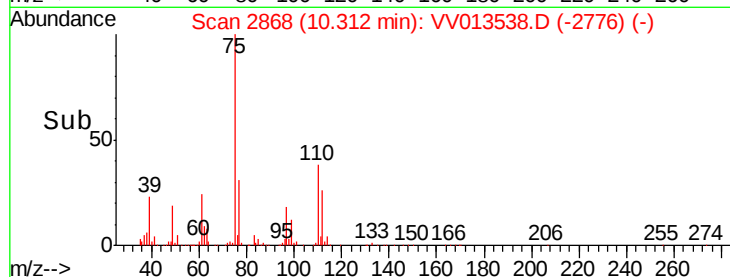
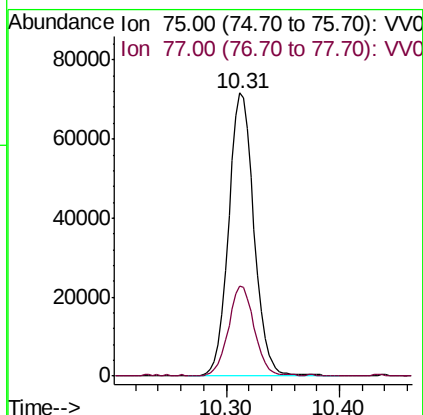
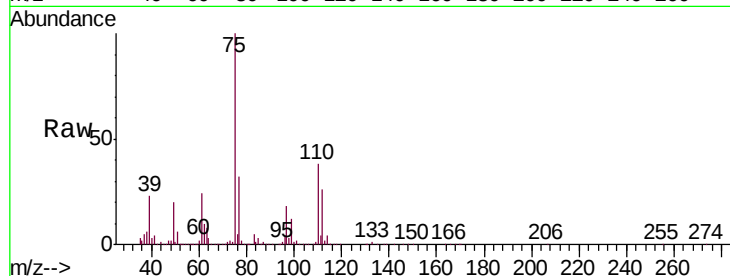
VICV34

Tgt Ion: 75 Resp: 111816

Ion Ratio Lower Upper

75 100

77 32.0 26.3 39.5



#61

Bromoform

Concen: 5.142 ug/L

RT: 9.77 min Scan# 2700

Delta R.T. 0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

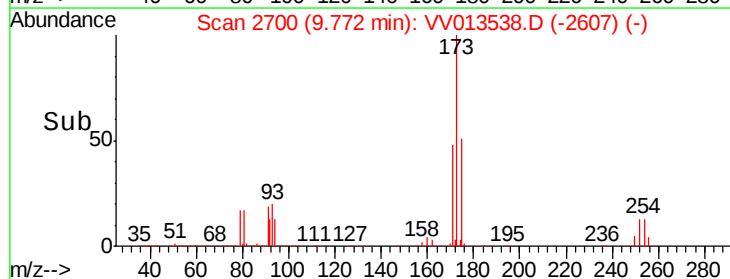
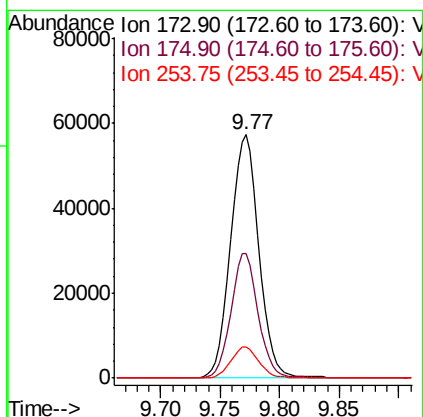
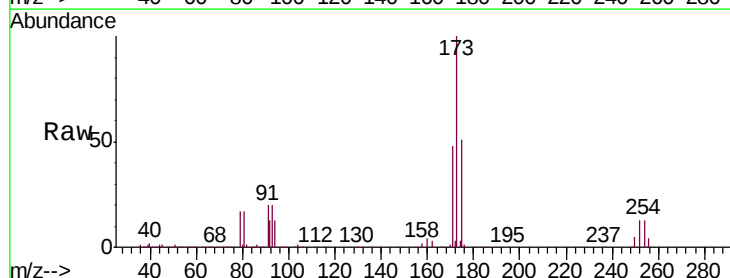
Tgt Ion: 173 Resp: 94700

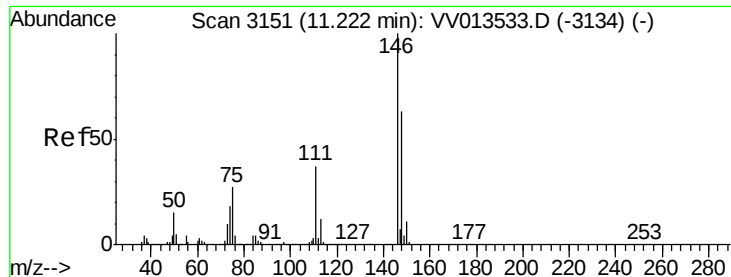
Ion Ratio Lower Upper

173 100

175 48.5 38.8 58.2

254 12.7 11.2 16.8





#62

1,3-Dichlorobenzene

Concen: 5.115 ug/L

RT: 11.22 min Scan# 3151

Delta R.T. 0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

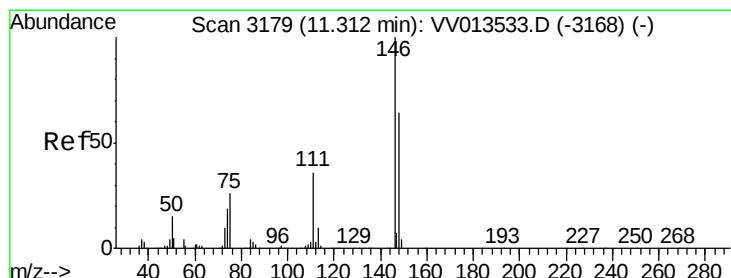
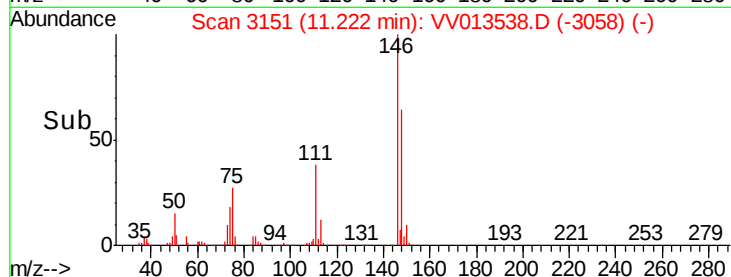
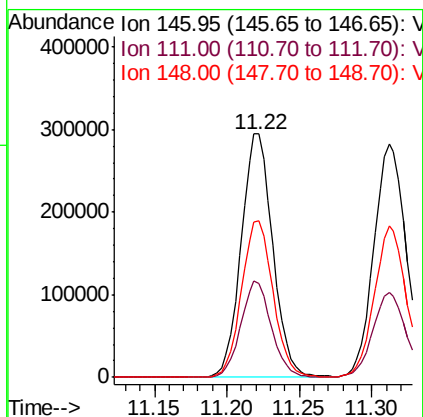
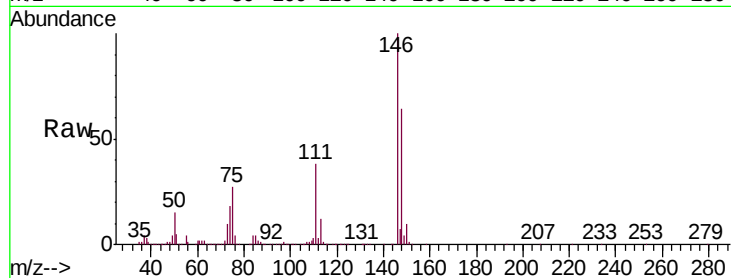
Instrument :

MSVOA_V

ClientSampleId :

VICV34

Tgt Ion:	146	Resp:	445912
Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.2	48.6
148	64.2	44.2	82.0



#63

1,4-Dichlorobenzene

Concen: 5.074 ug/L

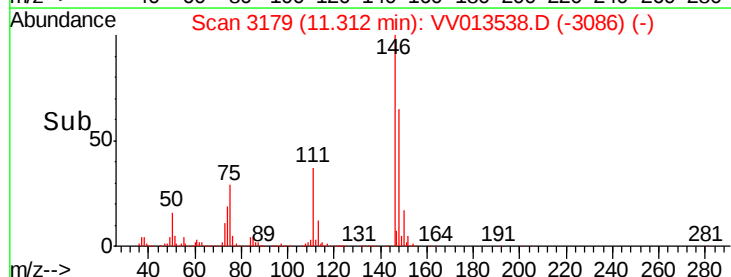
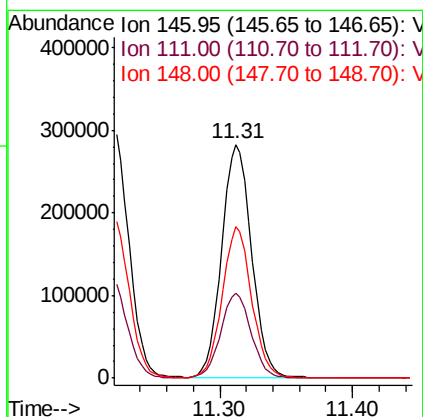
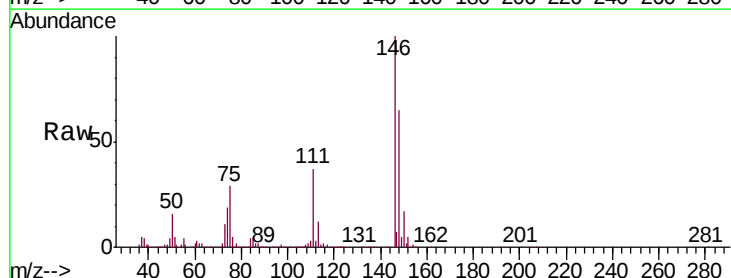
RT: 11.31 min Scan# 3179

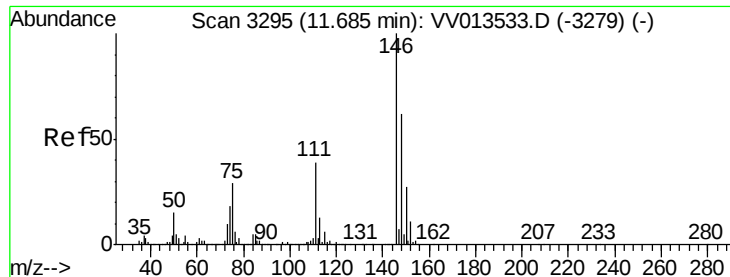
Delta R.T. 0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

Tgt Ion:	146	Resp:	441837
Ion	Ratio	Lower	Upper
146	100		
111	36.5	25.2	46.8
148	64.6	44.7	82.9

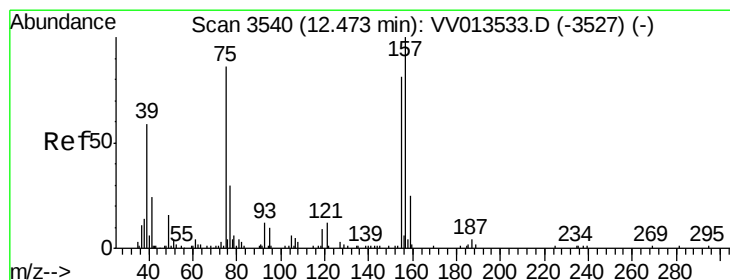
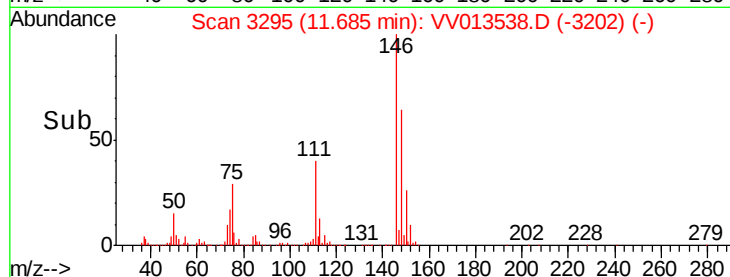
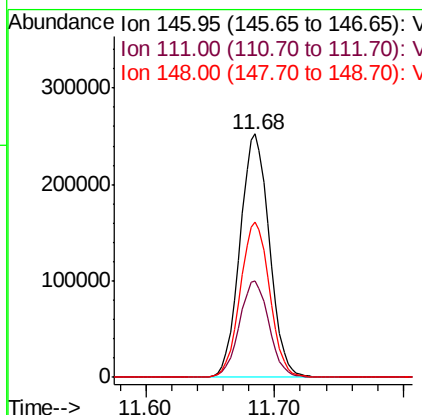
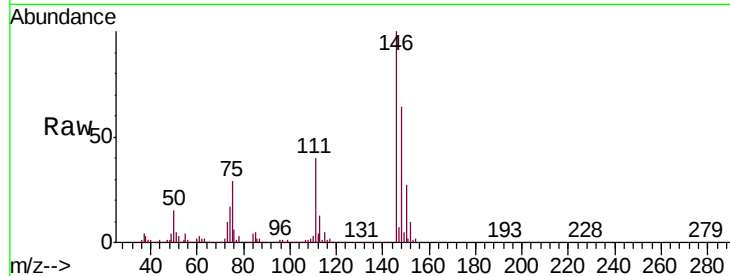




#65
 1,2-Dichlorobenzene
 Concen: 5.018 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. 0.00 min
 Lab File: VV013538.D
 Acq: 08 Nov 2019 13:00

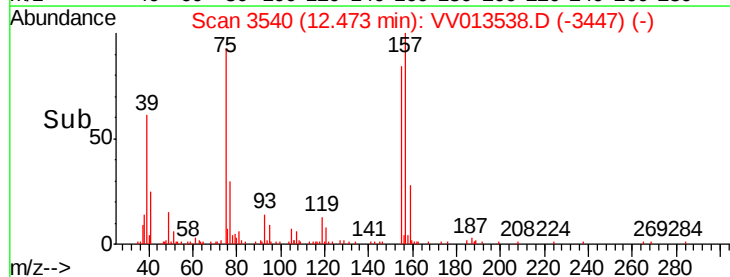
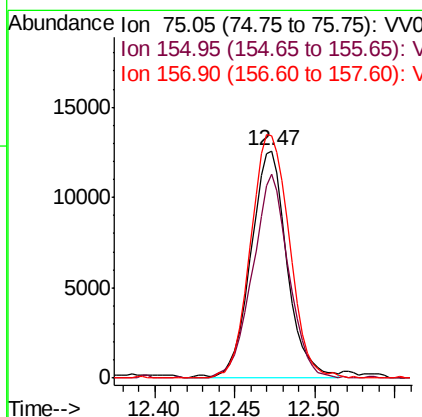
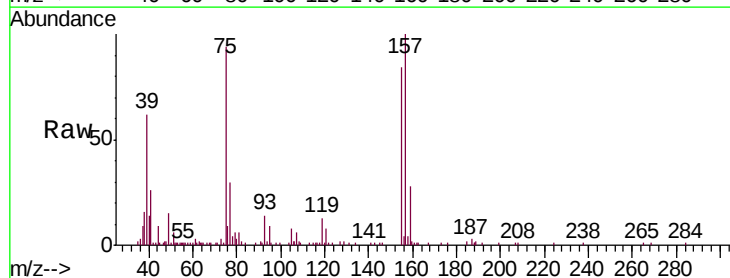
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

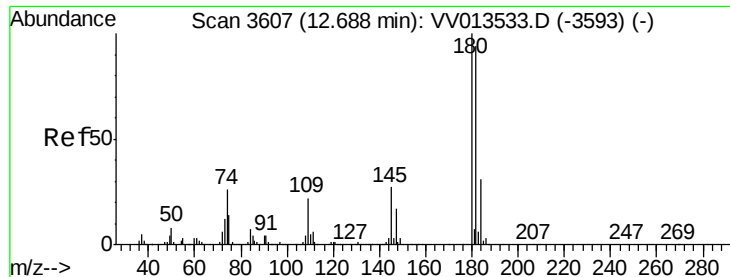
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	31.2	46.8
148	63.9	49.4	74.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.816 ug/L
 RT: 12.47 min Scan# 3540
 Delta R.T. 0.00 min
 Lab File: VV013538.D
 Acq: 08 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	75.0	112.6
157	106.5	92.2	138.4

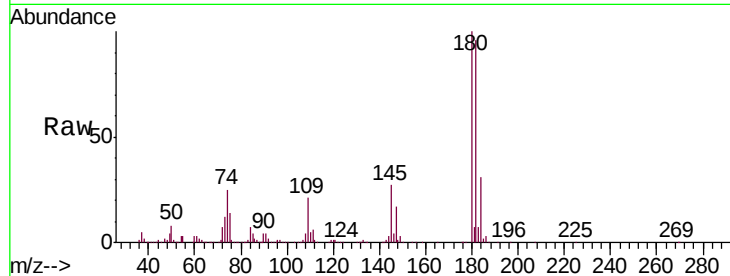




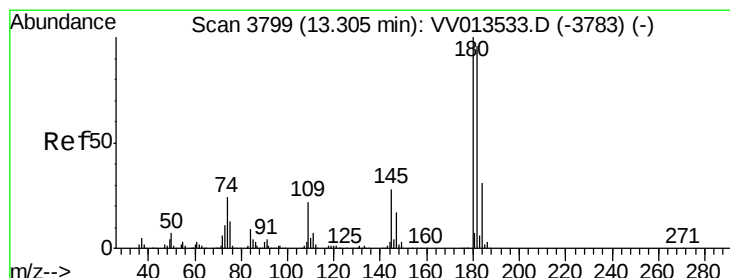
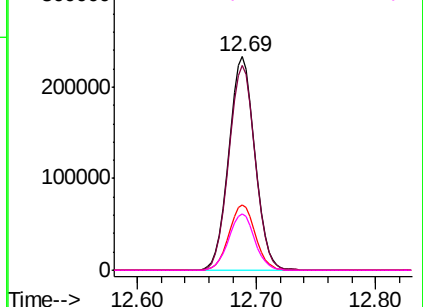
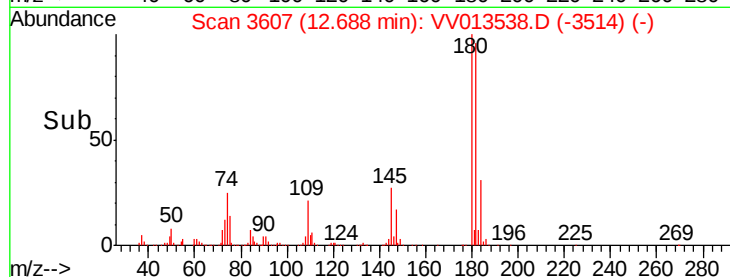
#67
 1,3,5-Trichlorobenzene
 Concen: 5.215 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VV013538.D
 Acq: 08 Nov 2019 13:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

Tgt Ion:	180	Resp:	354663
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.8	115.2
184	31.0	25.0	37.6
145	26.3	22.1	33.1

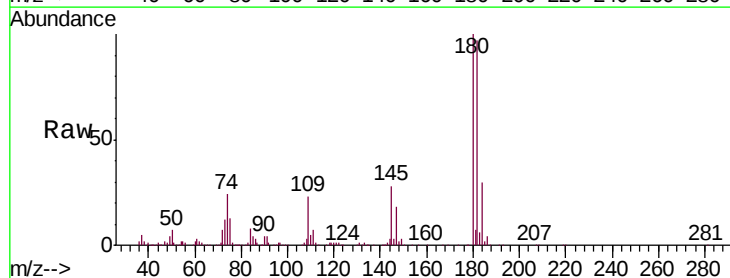


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

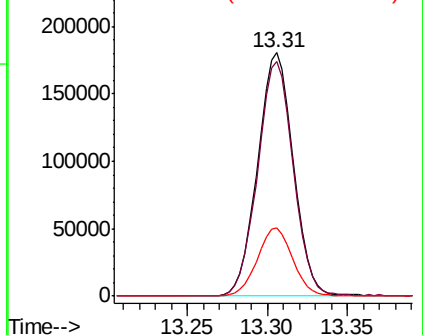
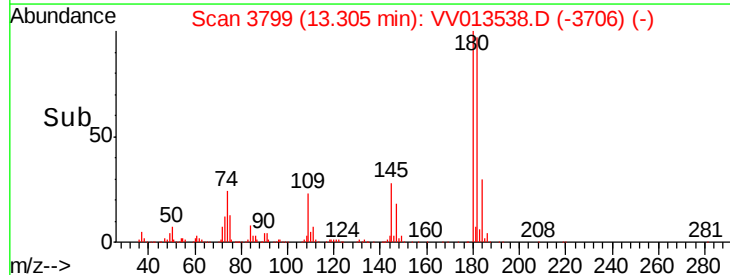


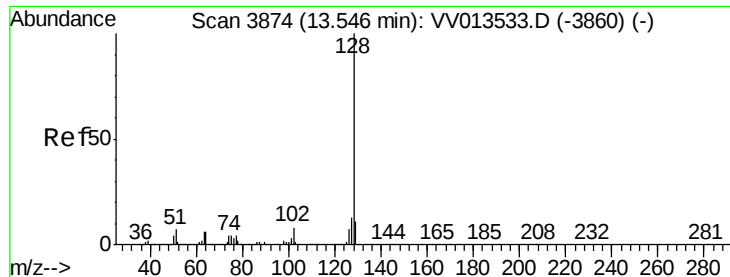
#68
 1,2,4-trichlorobenzene
 Concen: 5.107 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV013538.D
 Acq: 08 Nov 2019 13:00

Tgt Ion:	180	Resp:	276759
Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.6	115.0
145	28.0	22.2	33.4



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 4.941 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. 0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

Instrument :

MSVOA_V

ClientSampleId :

VICV34

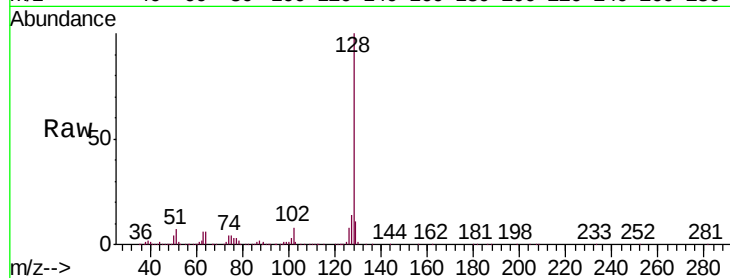
Tgt Ion:128 Resp: 361633

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

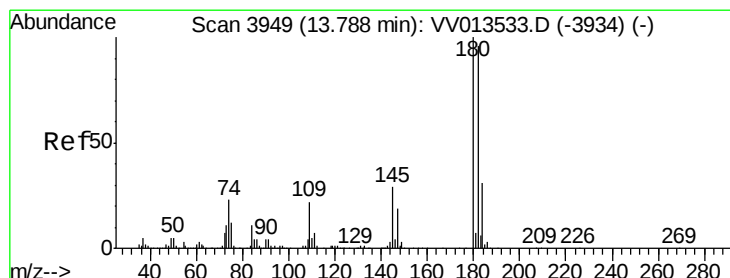
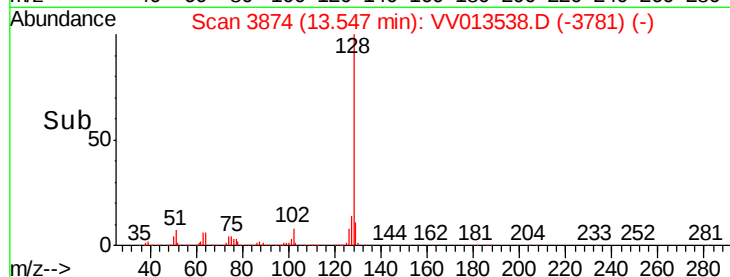
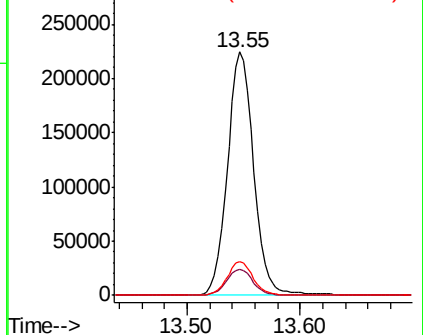
127 13.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.138 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. 0.00 min

Lab File: VV013538.D

Acq: 08 Nov 2019 13:00

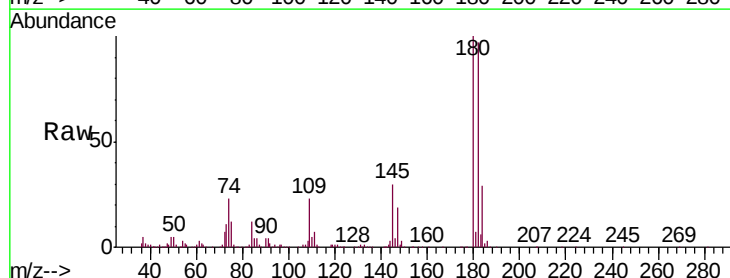
Tgt Ion:180 Resp: 261343

Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.4

145 29.1 23.2 34.8



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

