

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023737.D
 Acq On : 26 Nov 2021 19:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:56:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 27 03:48:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132376	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72891	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34891	3.211	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.568	69	32488	3.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.111	63	70750	3.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.896	46	62342	47.721	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.440%
24) Chloroform-d	4.349	84	76541	4.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.034	65	40412	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.050	84	149984	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.069	67	44760	4.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.317	98	137177	4.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.625	79	18485	4.561	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.092	63	80056	59.453	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.900%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37785	5.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	58969	4.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	61062	4.862	ug/L	99
3) Chloromethane	1.240	50	53541	4.904	ug/L	98
5) Vinyl chloride	1.311	62	57425	5.008	ug/L	100
6) Bromomethane	1.523	94	30123	4.633	ug/L	99
8) Chloroethane	1.587	64	33924	4.669	ug/L	97
9) Trichlorofluoromethane	1.754	101	95077	5.089	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	48208	5.149	ug/L	98
12) 1,1-Dichloroethene	2.121	96	46687	5.264	ug/L	95
13) Acetone	2.192	43	36060	30.676	ug/L	78
14) Carbon disulfide	2.298	76	145622	4.885	ug/L	100
15) Methyl Acetate	2.439	43	13356	5.006	ug/L	96
16) Methylene chloride	2.510	84	58853	4.650	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	93298	5.133	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	51276	5.076	ug/L	96
19) 1,1-Dichloroethane	3.191	63	85963	5.061	ug/L	98
21) 2-Butanone	3.986	43	61786	41.527	ug/L #	77
22) cis-1,2-Dichloroethene	3.912	96	51631	5.329	ug/L	95
23) Bromochloromethane	4.253	128	23271	5.118	ug/L	98
25) Chloroform	4.378	83	101396	5.358	ug/L	99

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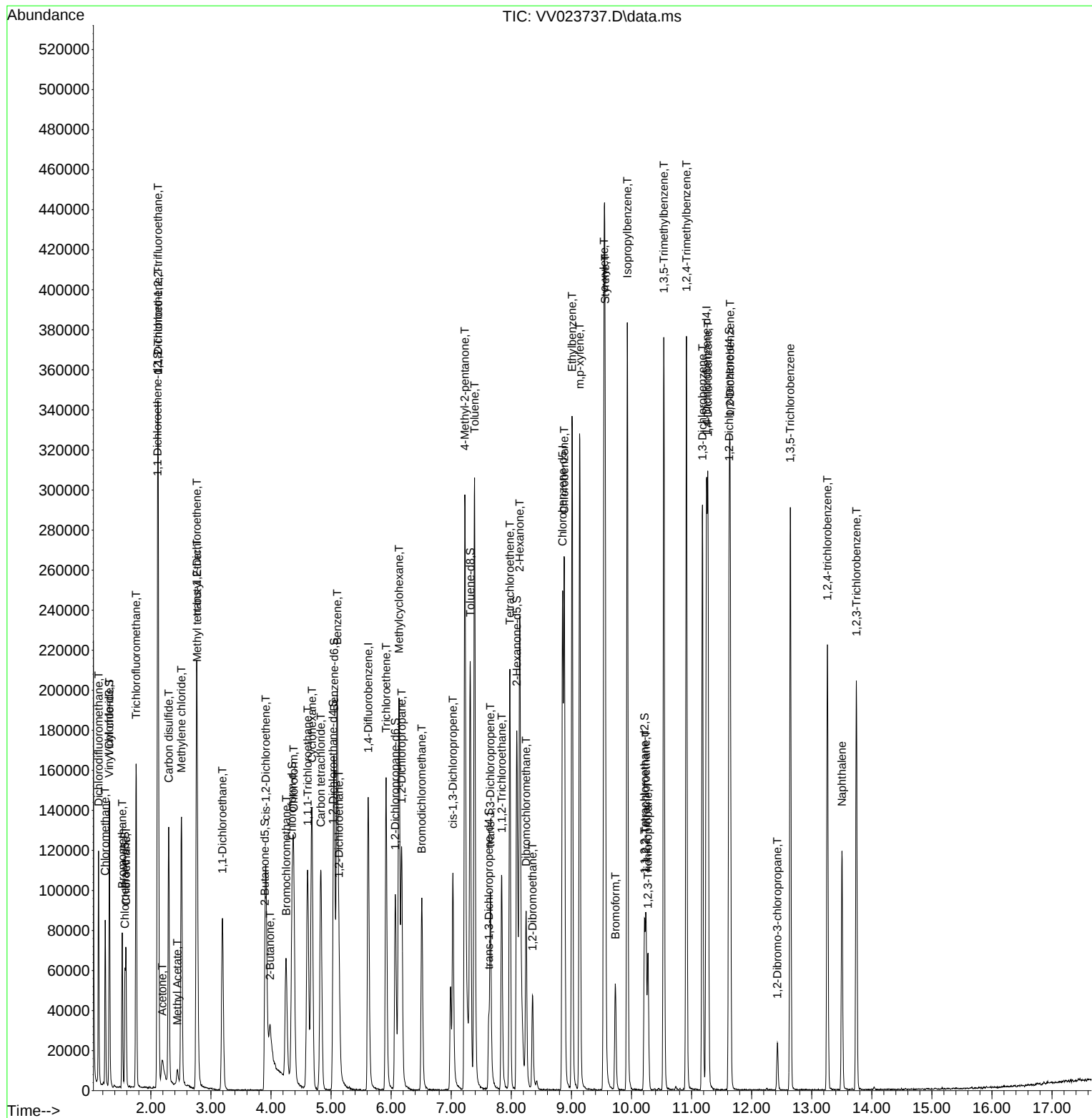
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	52101	5.179	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	90684	5.271	ug/L	98
30) Cyclohexane	4.680	56	72630	5.059	ug/L	98
31) Carbon tetrachloride	4.831	117	82161	5.213	ug/L	98
33) Benzene	5.101	78	196915	5.246	ug/L	100
34) Trichloroethene	5.915	95	52299	5.201	ug/L	98
35) Methylcyclohexane	6.130	83	79931	5.099	ug/L	100
37) 1,2-Dichloropropane	6.175	63	45020	5.046	ug/L	100
38) Bromodichloromethane	6.510	83	63980	5.284	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	65489	5.158	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	234270	55.005	ug/L	99
42) Toluene	7.387	91	226147	5.556	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	56888	5.331	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	34613	5.603	ug/L	98
47) Tetrachloroethene	7.976	164	47071	5.143	ug/L	96
48) 2-Hexanone	8.140	43	173310	55.055	ug/L	98
49) Dibromochloromethane	8.246	129	45196	5.339	ug/L	97
50) 1,2-Dibromoethane	8.352	107	32563	5.405	ug/L	94
51) Chlorobenzene	8.883	112	143770	5.327	ug/L	99
52) Ethylbenzene	9.011	91	230756	5.423	ug/L	99
53) m,p-xylene	9.137	106	92428	5.458	ug/L	98
54) o-xylene	9.545	106	89087	5.532	ug/L	98
55) Styrene	9.561	104	153494	5.657	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	38975	5.670	ug/L	98
59) Bromoform	9.731	173	25322	5.260	ug/L	98
60) Isopropylbenzene	9.931	105	238999	5.491	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26616	5.149	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	196818	5.435	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	198890	5.553	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	120314	5.407	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	119153	5.328	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	108931	5.349	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5436	5.295	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	92483	5.323	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	70612	5.238	ug/L	100
71) Naphthalene	13.503	128	93930	5.178	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	61787	5.290	ug/L	100

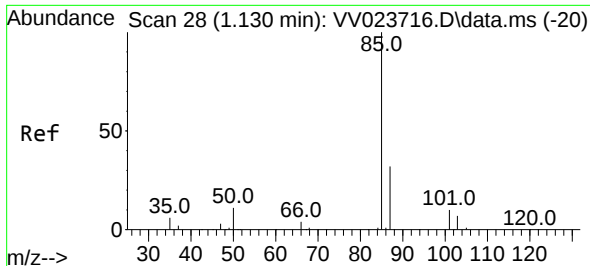
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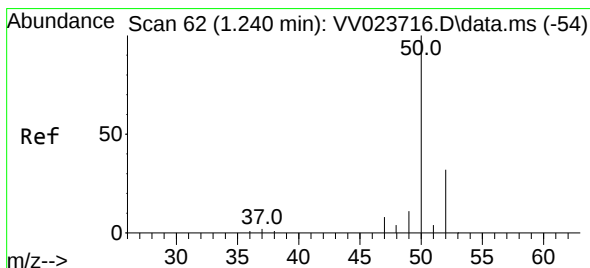
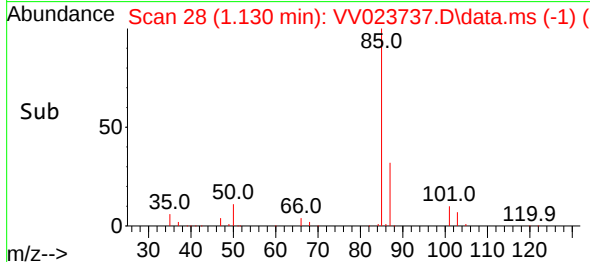
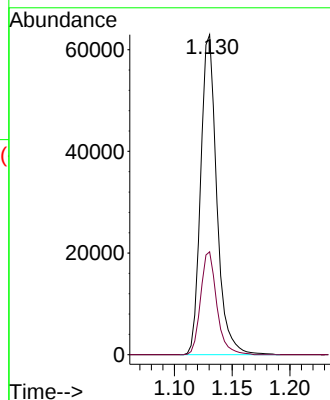
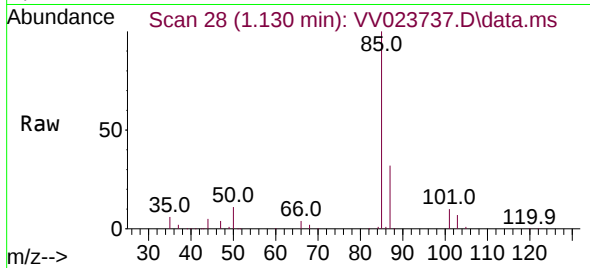




#2
 Dichlorodifluoromethane
 Concen: 4.862 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV023737.D
 Acq: 26 Nov 2021 19:45

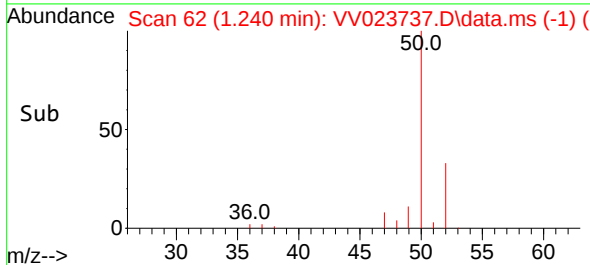
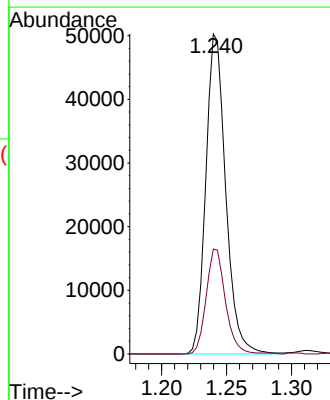
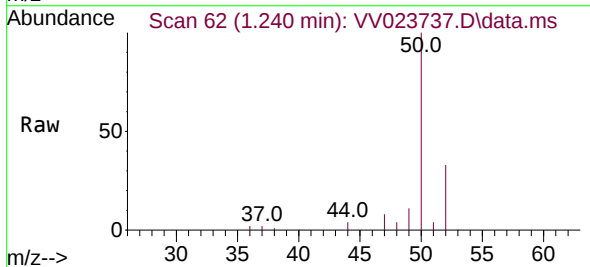
Instrument :
 MSVOA_V
 ClientSampleId :

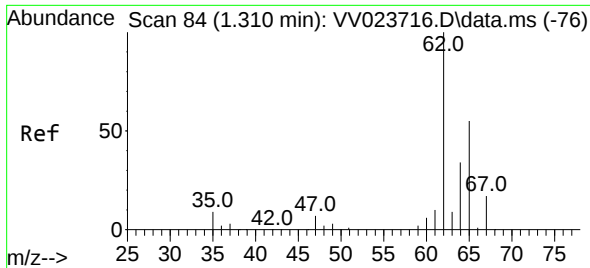
Tgt Ion: 85 Resp: 61062
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 4.904 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023737.D
 Acq: 26 Nov 2021 19:45

Tgt Ion: 50 Resp: 53541
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.0 41.0

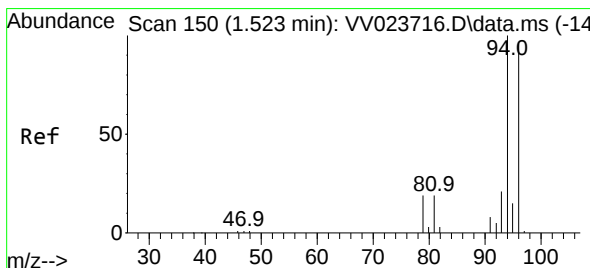
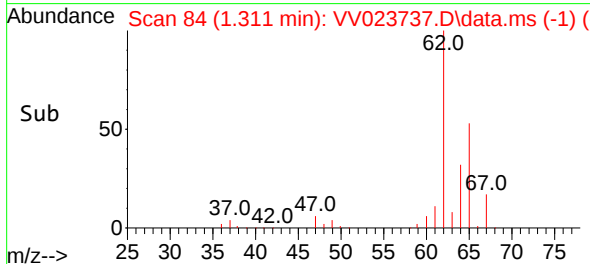
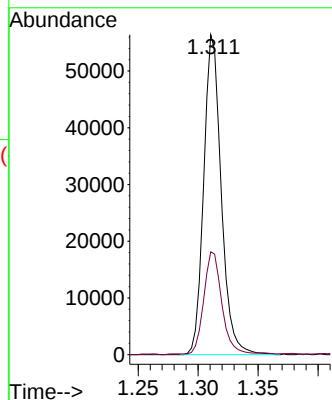
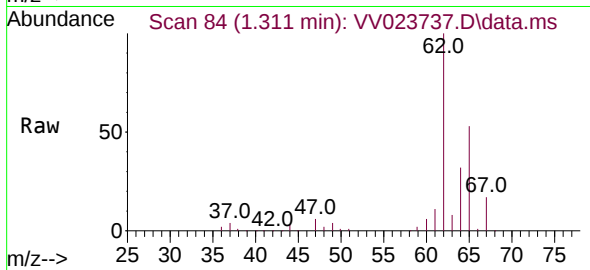




#5
 Vinyl chloride
 Concen: 5.008 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023737.D
 Acq: 26 Nov 2021 19:45

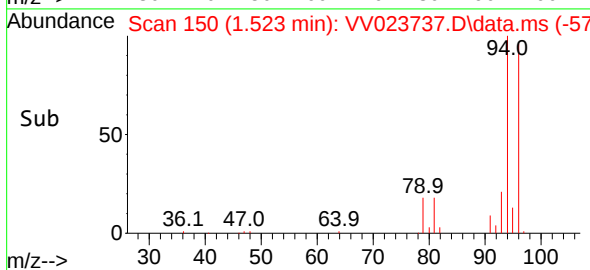
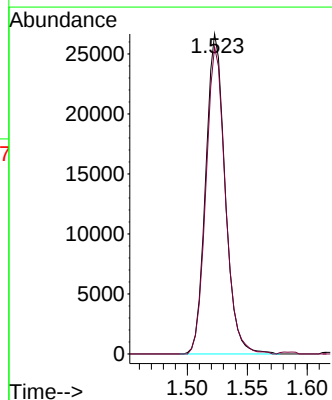
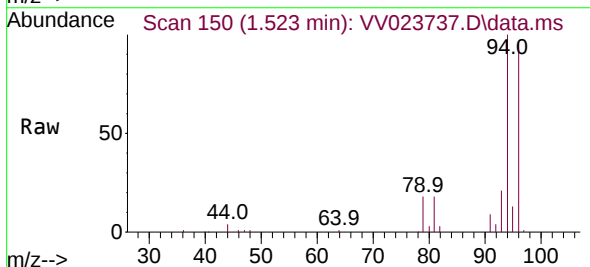
Instrument :
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 ClientSampleId :

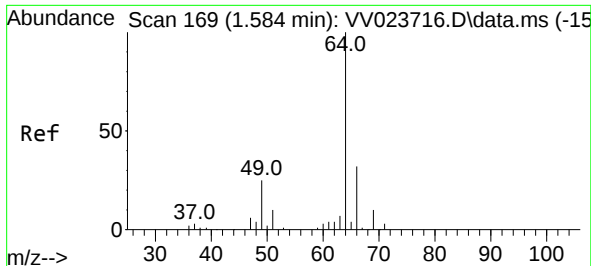
Tgt Ion: 62 Resp: 57425
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.4 41.6



#6
 Bromomethane
 Concen: 4.633 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023737.D
 Acq: 26 Nov 2021 19:45

Tgt Ion: 94 Resp: 30123
 Ion Ratio Lower Upper
 94 100
 96 96.0 66.2 123.0

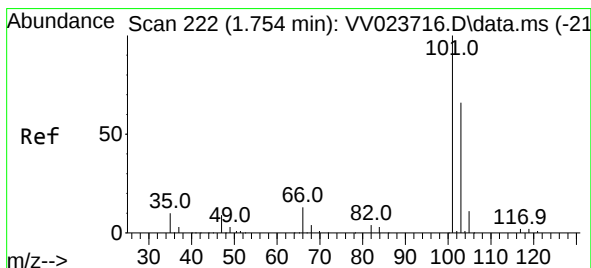
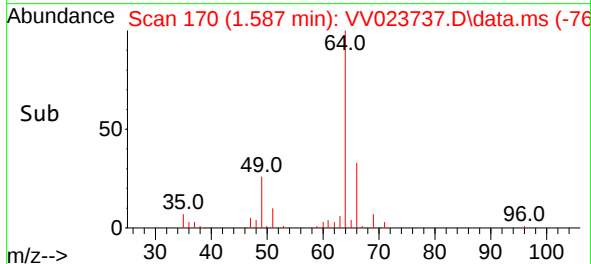
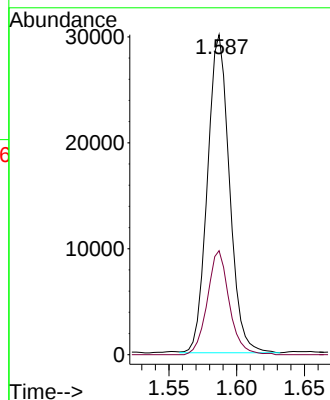
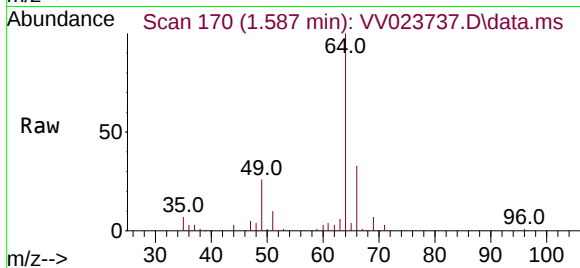




#8
Chloroethane
Concen: 4.669 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

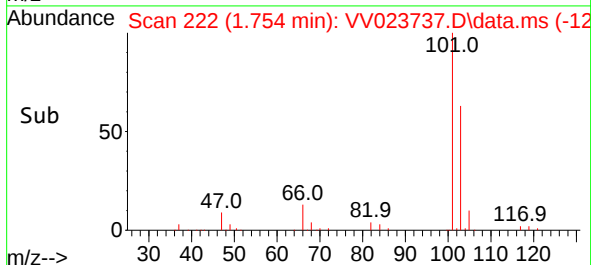
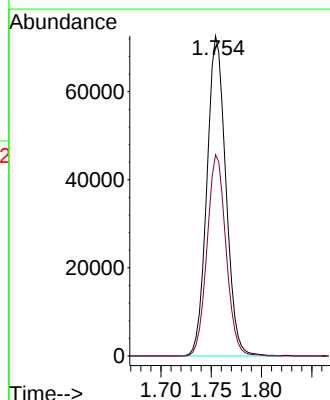
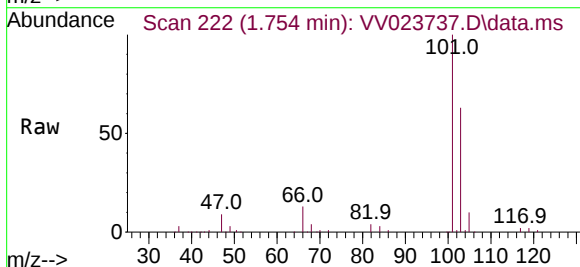
Instrument :
MSVOA_V
ClientSampleId :

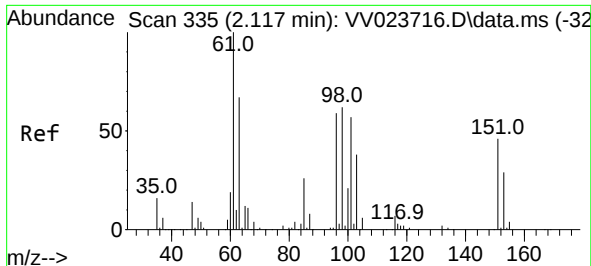
Tgt Ion: 64 Resp: 33924
Ion Ratio Lower Upper
64 100
66 32.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.089 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

Tgt Ion:101 Resp: 95077
Ion Ratio Lower Upper
101 100
103 62.9 51.6 77.4

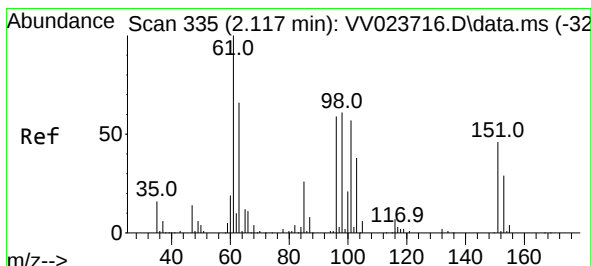
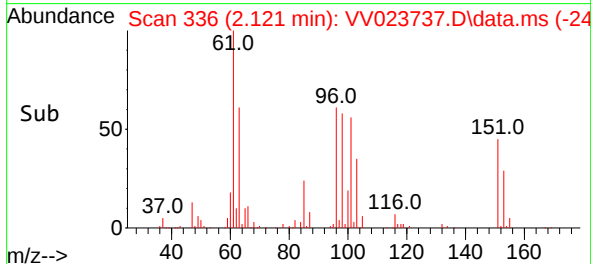
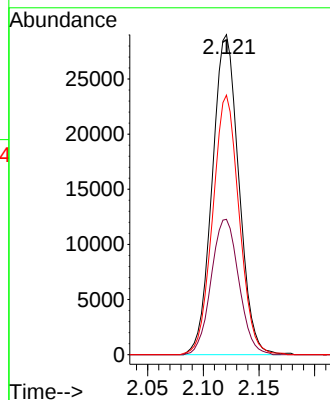
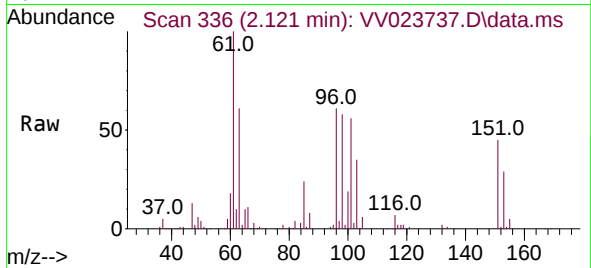




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.149 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023737.D
 Acq: 26 Nov 2021 19:45

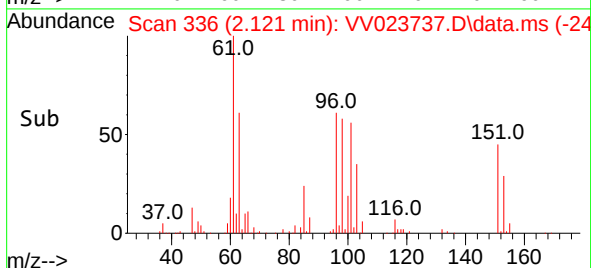
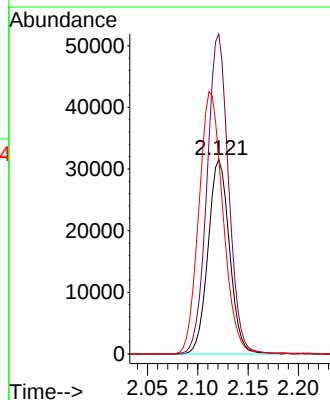
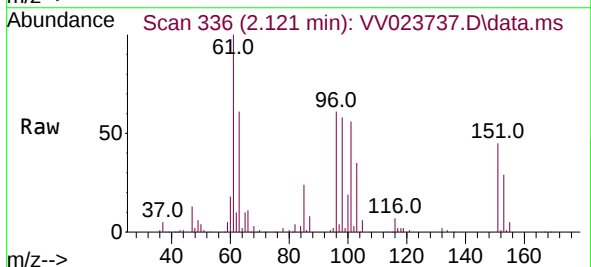
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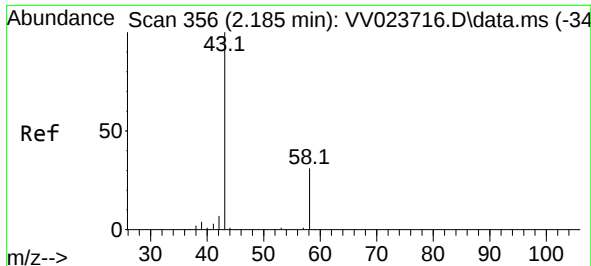
Tgt Ion:101 Resp: 48208
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.0 54.0
 151 80.7 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.264 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023737.D
 Acq: 26 Nov 2021 19:45

Tgt Ion: 96 Resp: 46687
 Ion Ratio Lower Upper
 96 100
 61 164.6 116.1 215.5
 63 100.5 79.4 147.4





#13

Acetone

Concen: 30.676 ug/L

RT: 2.192 min Scan# 358

Delta R.T. 0.007 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

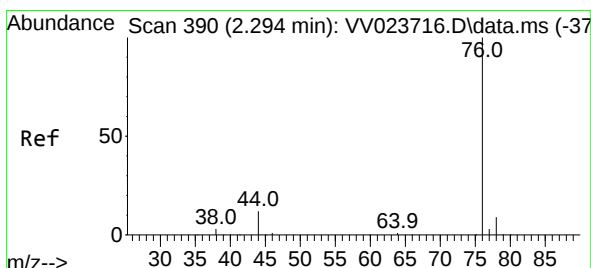
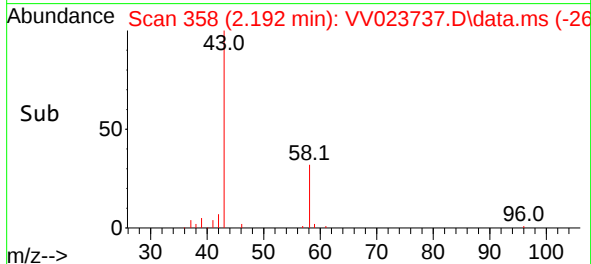
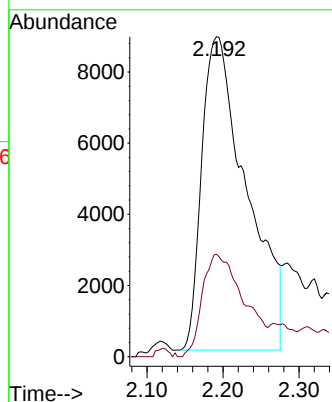
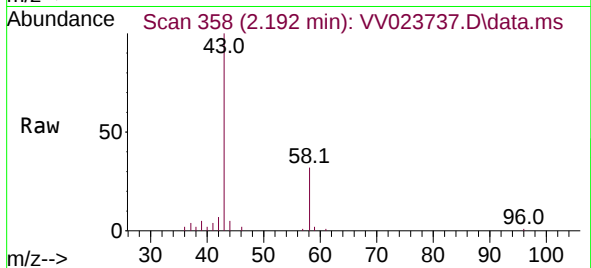
ClientSampleId :

Tgt Ion: 43 Resp: 36060

Ion Ratio Lower Upper

43 100

58 30.7 0.0 41.4



#14

Carbon disulfide

Concen: 4.885 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023737.D

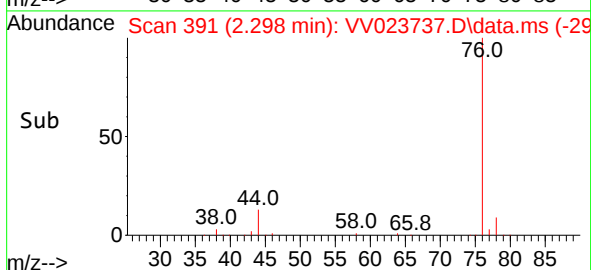
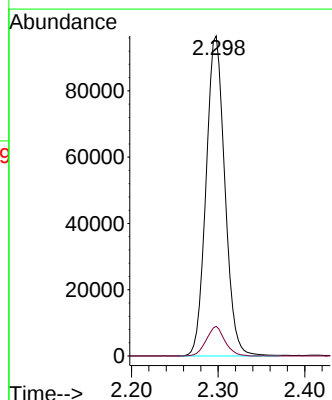
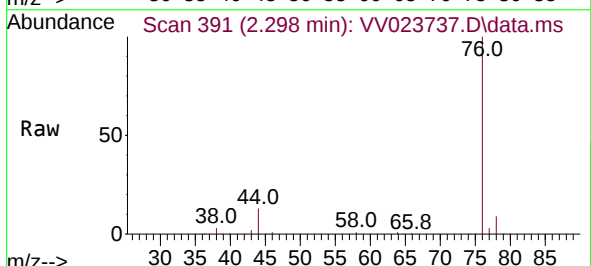
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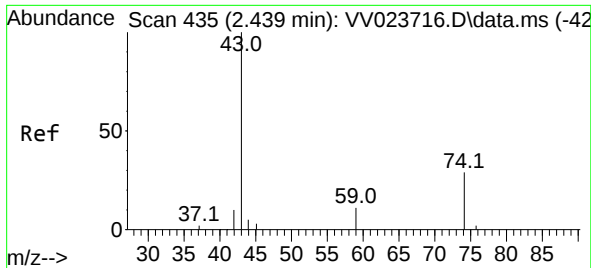
Tgt Ion: 76 Resp: 145622

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

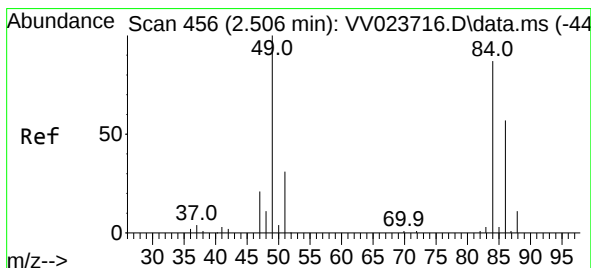
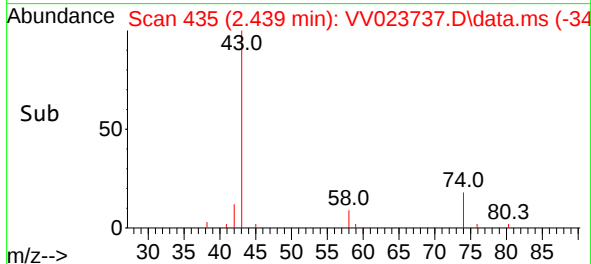
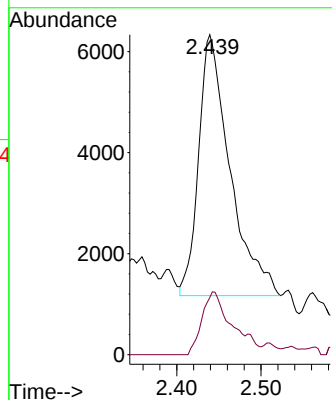
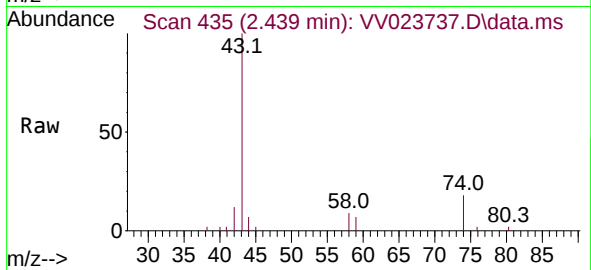




#15
Methyl Acetate
Concen: 5.006 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

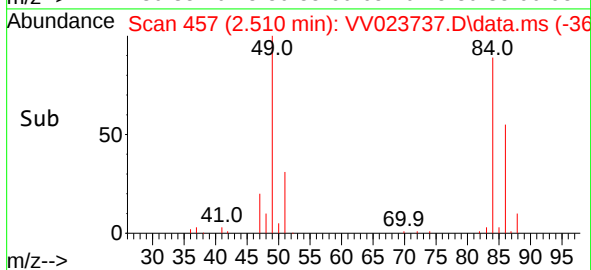
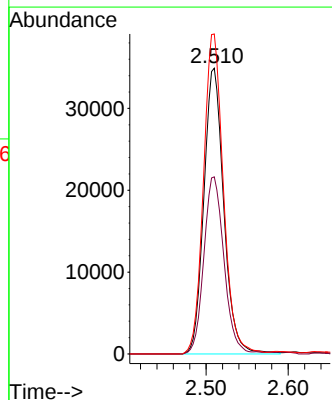
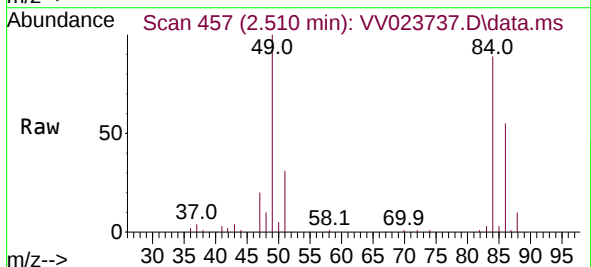
Instrument :
MSVOA_V
ClientSampleId :

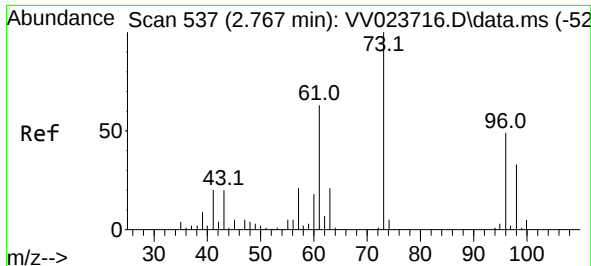
Tgt Ion: 43 Resp: 13356
Ion Ratio Lower Upper
43 100
74 23.3 20.2 30.2



#16
Methylene chloride
Concen: 4.650 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

Tgt Ion: 84 Resp: 58853
Ion Ratio Lower Upper
84 100
86 62.0 42.6 79.0
49 112.0 79.7 147.9

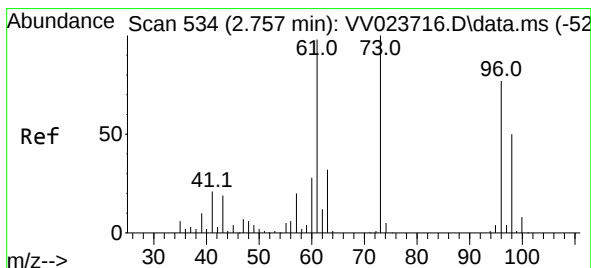
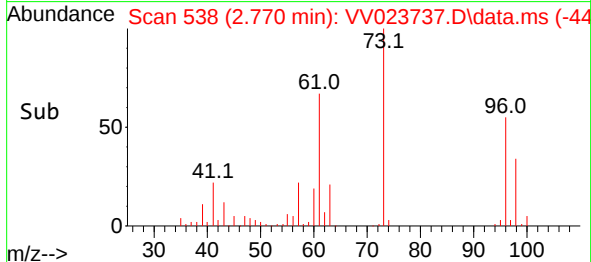
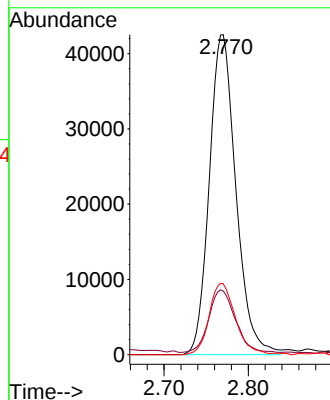
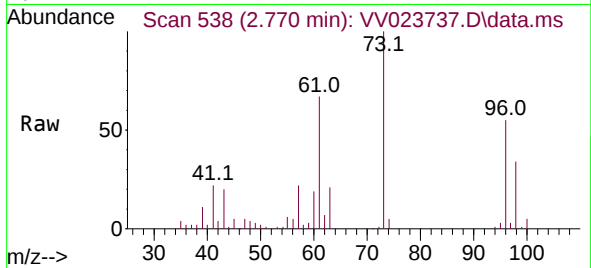




#17
Methyl tert-butyl Ether
Concen: 5.133 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

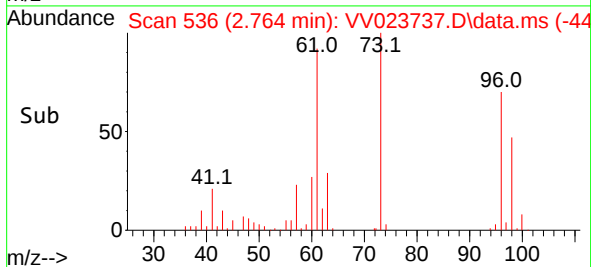
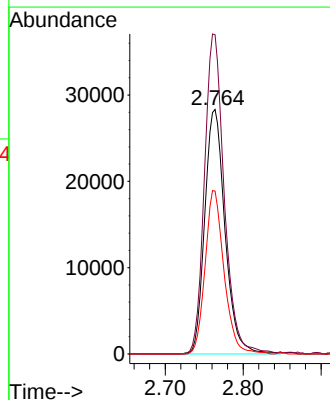
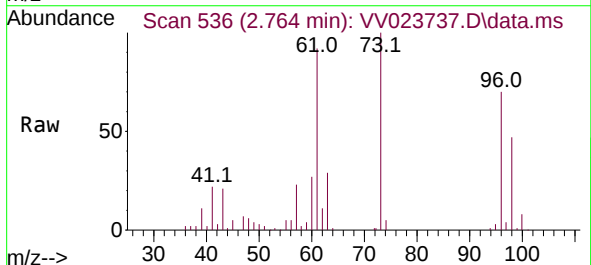
Instrument :
MSVOA_V
ClientSampleId :

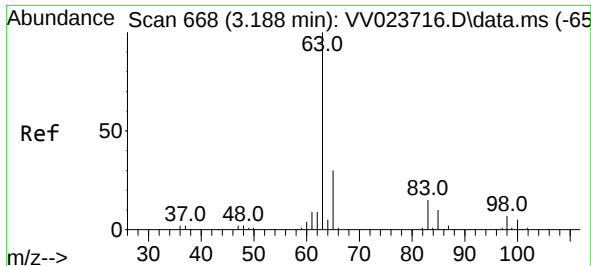
Tgt Ion: 73	Resp:	93298
Ion Ratio	Lower	Upper
73	100	
43	19.3	15.5 23.3
57	22.0	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.076 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

Tgt Ion: 96	Resp:	51276
Ion Ratio	Lower	Upper
96	100	
61	130.6	88.2 163.8
98	66.6	44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.061 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023737.D

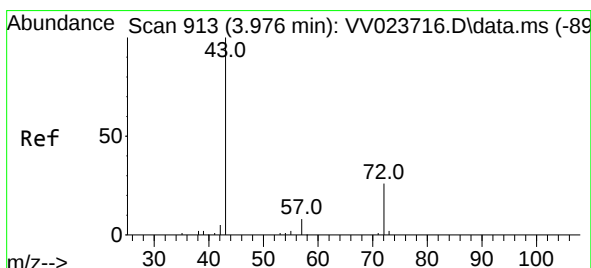
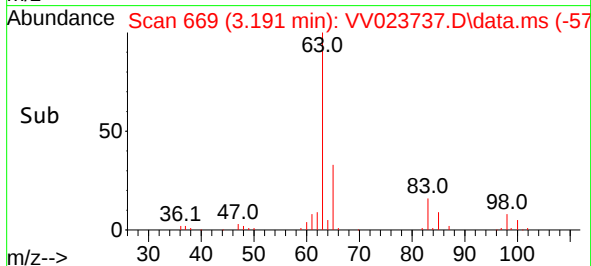
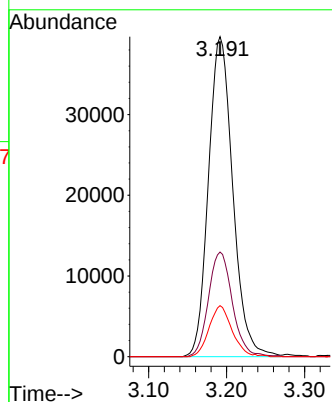
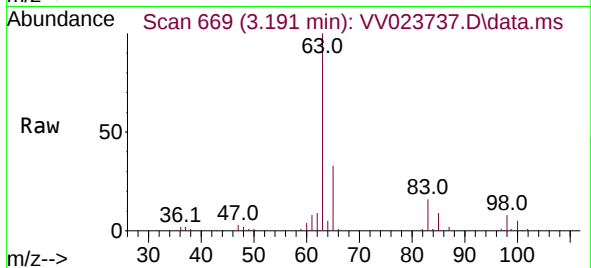
Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	85963
Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.3	41.3
83	15.9	10.7	19.9



#21

2-Butanone

Concen: 41.527 ug/L

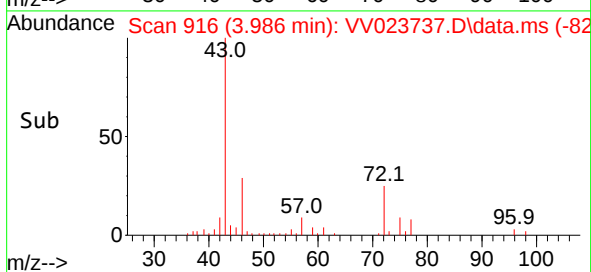
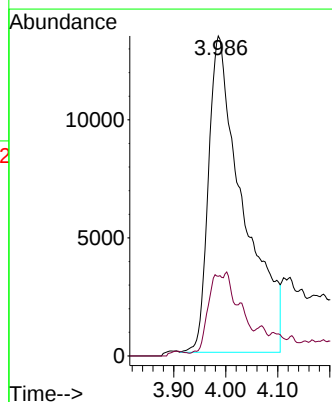
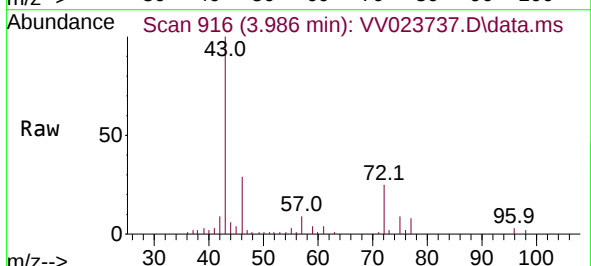
RT: 3.986 min Scan# 916

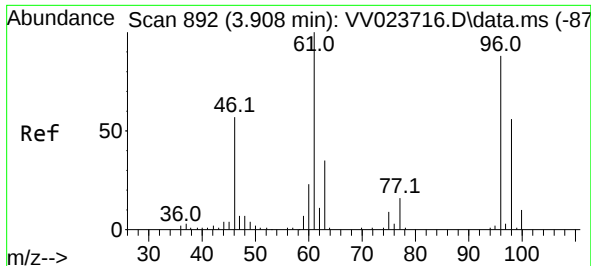
Delta R.T. 0.010 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

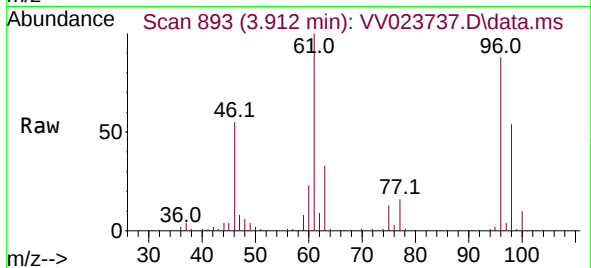
Tgt Ion:	43	Resp:	61786
Ion	Ratio	Lower	Upper
43	100		
72	10.9	11.1	33.1#



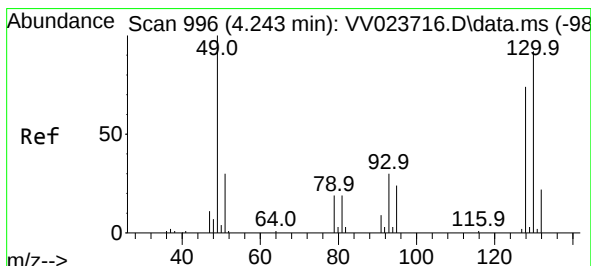
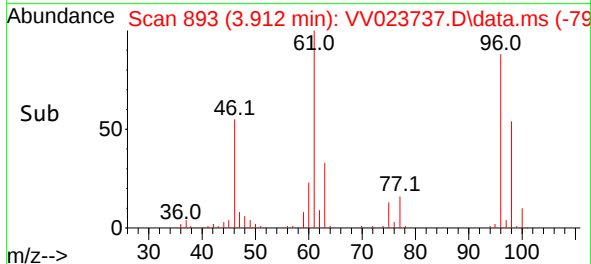
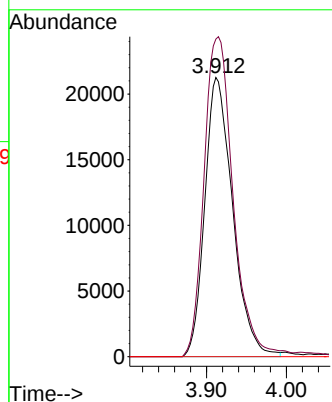


#22
 cis-1,2-Dichloroethene
 Concen: 5.329 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV023737.D
 Acq: 26 Nov 2021 19:45

Instrument :
 MSVOA_V
 ClientSampleId :

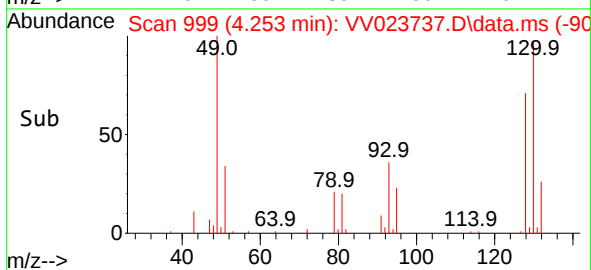
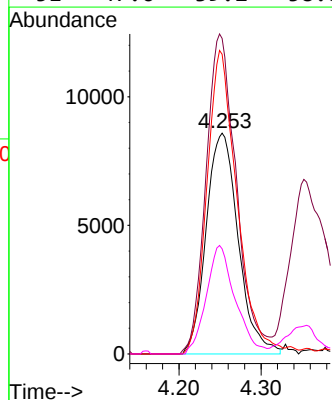
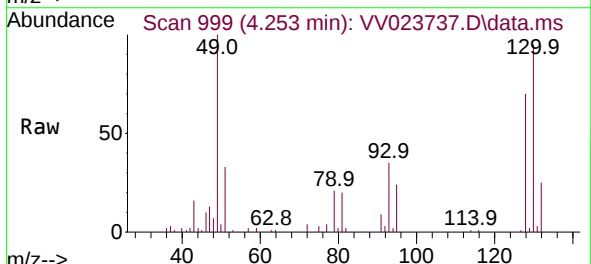


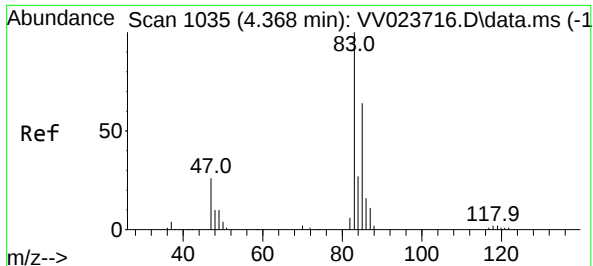
Tgt Ion: 96 Resp: 51631
 Ion Ratio Lower Upper
 96 100
 61 113.7 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.118 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV023737.D
 Acq: 26 Nov 2021 19:45

Tgt Ion: 128 Resp: 23271
 Ion Ratio Lower Upper
 128 100
 49 142.9 100.2 186.2
 130 135.7 92.5 171.7
 51 47.6 39.2 58.8





#25

Chloroform

Concen: 5.358 ug/L

RT: 4.378 min Scan# 1035

Delta R.T. 0.010 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

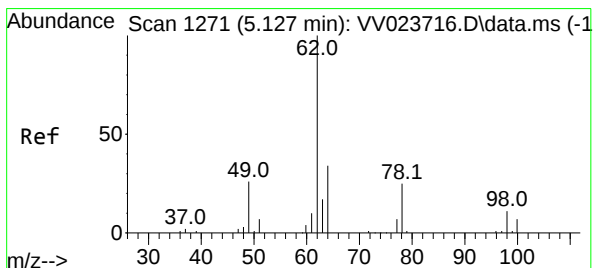
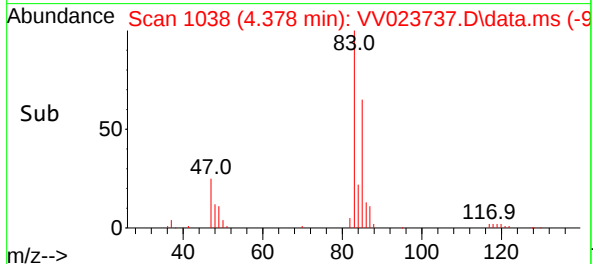
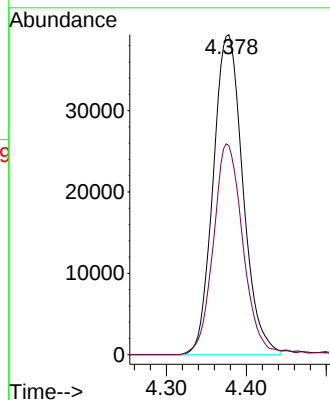
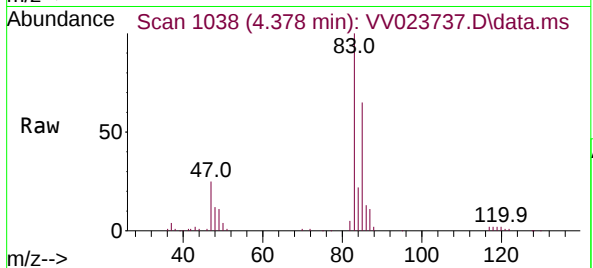
ClientSampleId :

Tgt Ion: 83 Resp: 101396

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.179 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV023737.D

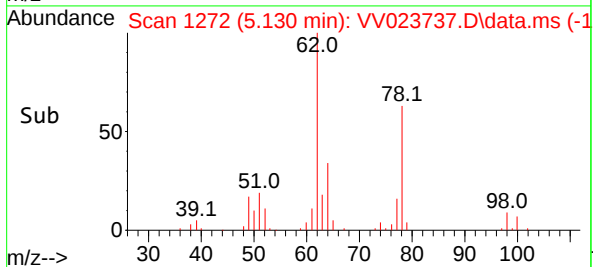
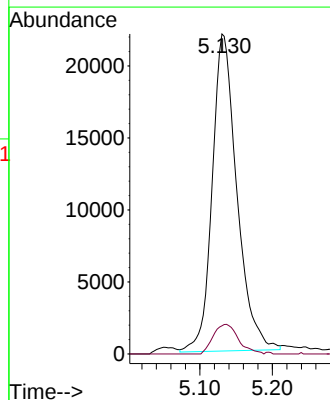
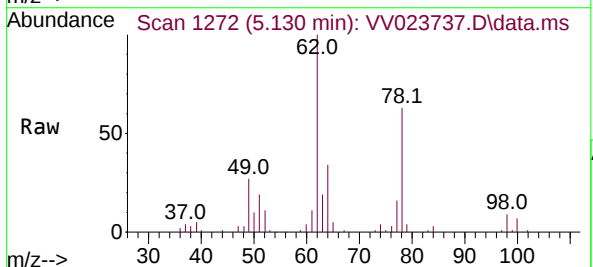
Acq: 26 Nov 2021 19:45

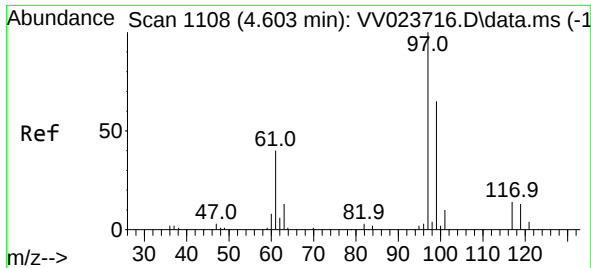
Tgt Ion: 62 Resp: 52101

Ion Ratio Lower Upper

62 100

98 8.8 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.271 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV023737.D

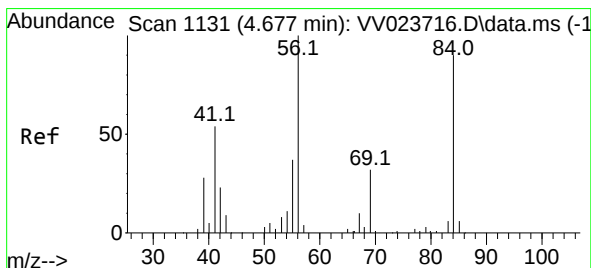
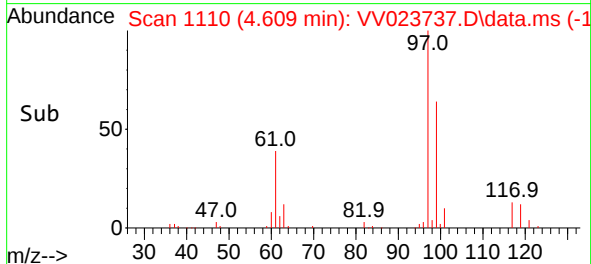
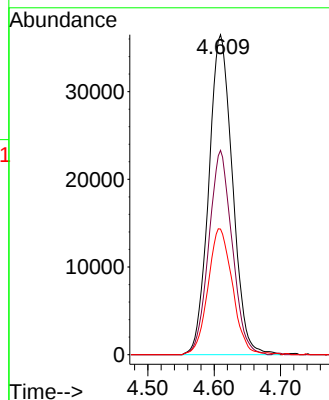
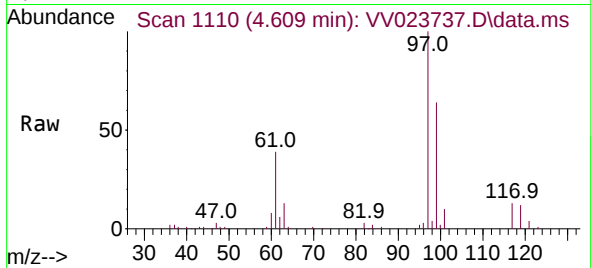
Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 90684
Ion Ratio	Lower Upper
97 100	
99 62.9	51.9 77.9
61 40.5	33.2 49.8



#30

Cyclohexane

Concen: 5.059 ug/L

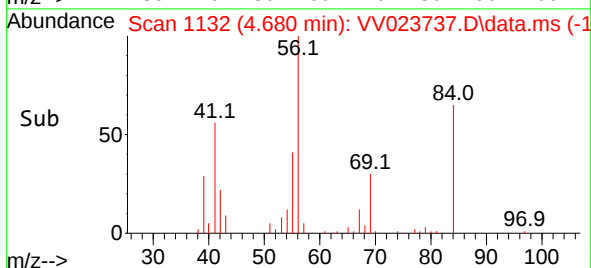
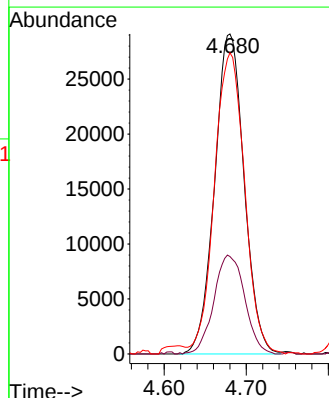
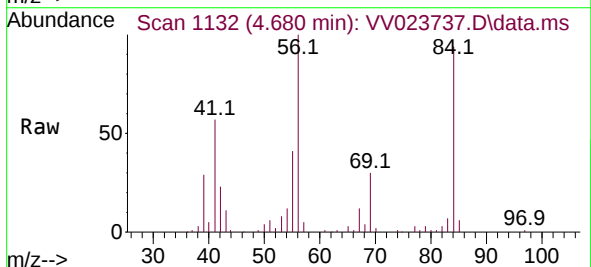
RT: 4.680 min Scan# 1132

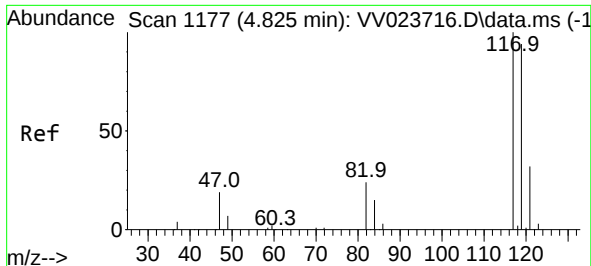
Delta R.T. 0.003 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Tgt Ion: 56	Resp: 72630
Ion Ratio	Lower Upper
56 100	
69 32.3	24.8 37.2
84 96.5	75.9 113.9

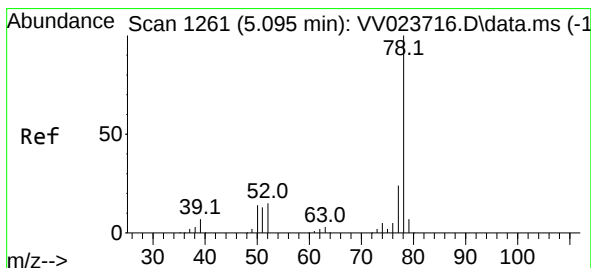
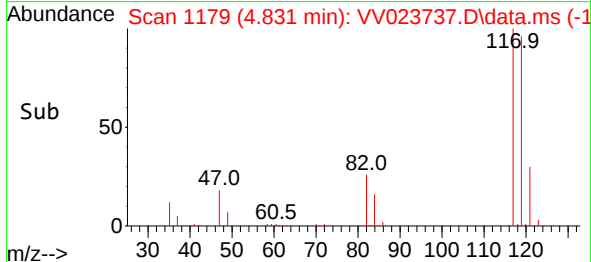
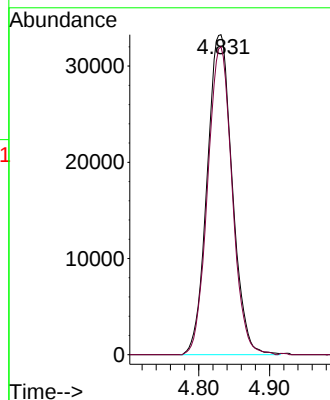
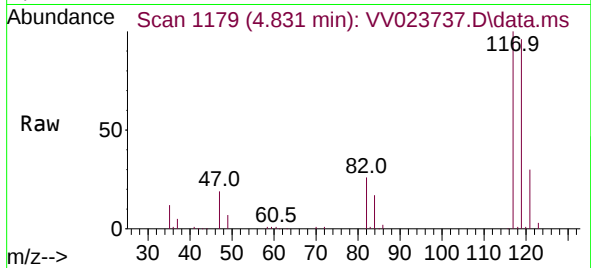




#31
Carbon tetrachloride
Concen: 5.213 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.007 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

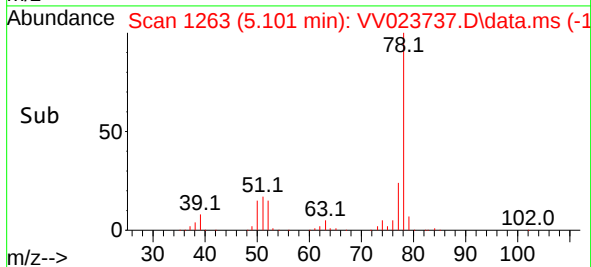
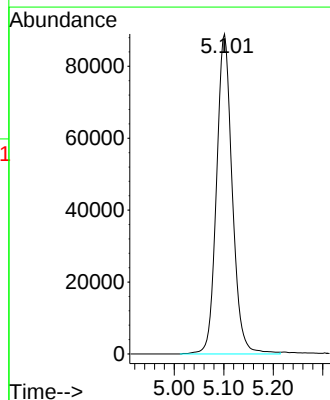
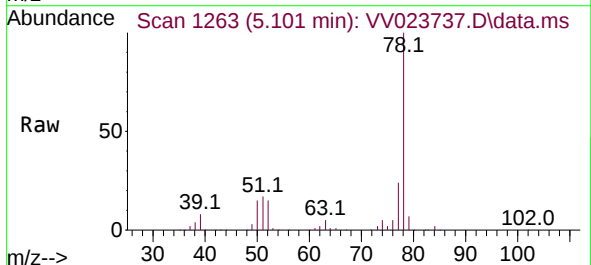
Instrument :
MSVOA_V
ClientSampleId :

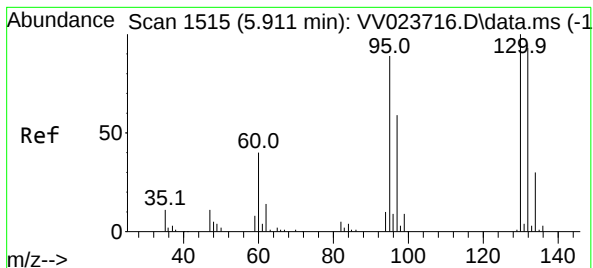
Tgt Ion:117 Resp: 82161
Ion Ratio Lower Upper
117 100
119 93.4 76.6 114.8



#33
Benzene
Concen: 5.246 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

Tgt Ion: 78 Resp: 196915





#34

Trichloroethene

Concen: 5.201 ug/L

RT: 5.915 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 52299

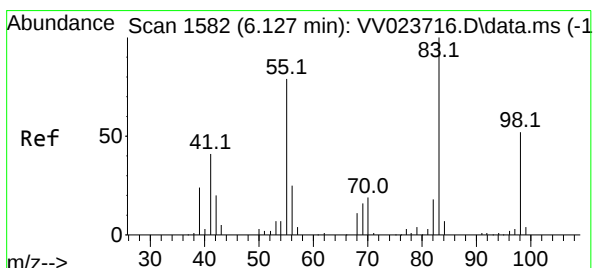
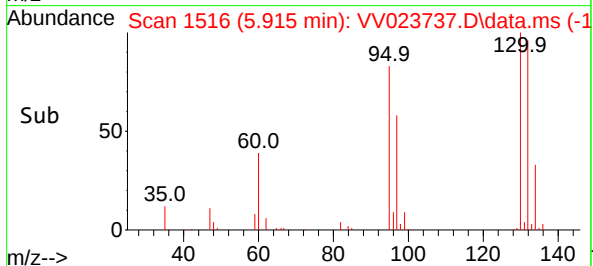
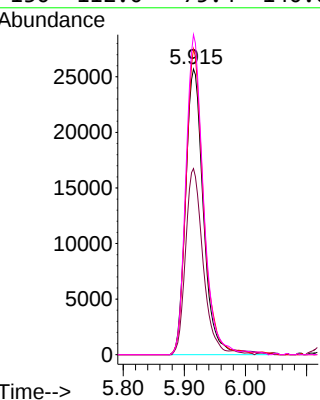
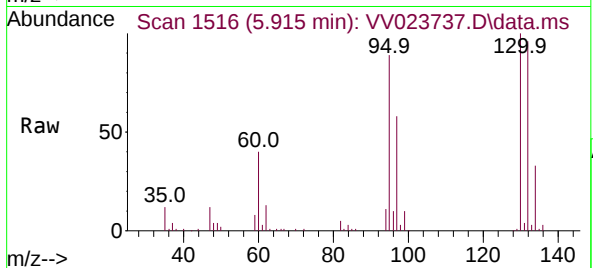
Ion Ratio Lower Upper

95 100

97 65.2 45.2 84.0

132 107.1 76.1 141.3

130 112.0 75.4 140.0



#35

Methylcyclohexane

Concen: 5.099 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

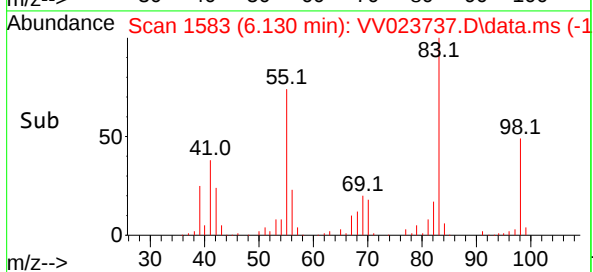
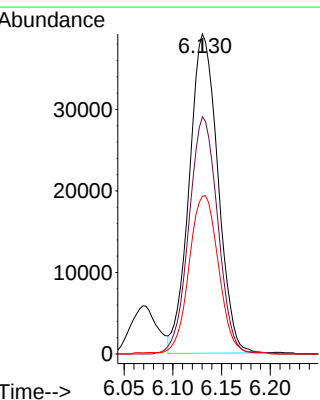
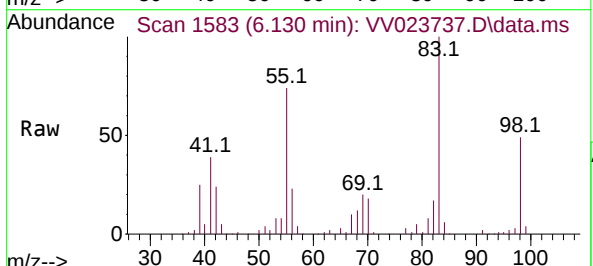
Tgt Ion: 83 Resp: 79931

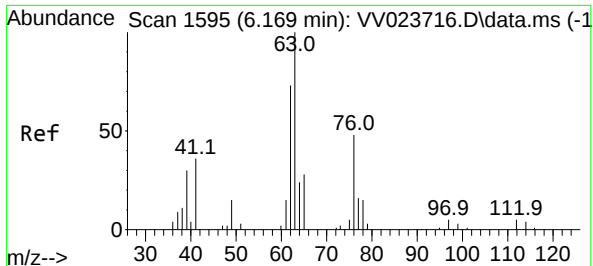
Ion Ratio Lower Upper

83 100

55 74.8 60.2 90.2

98 51.2 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.046 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

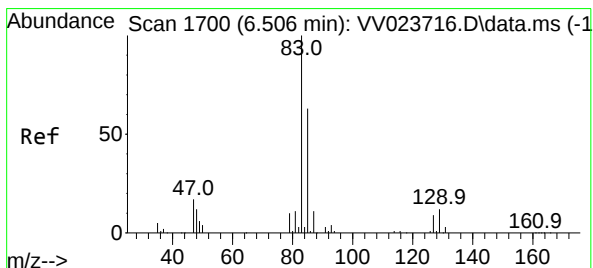
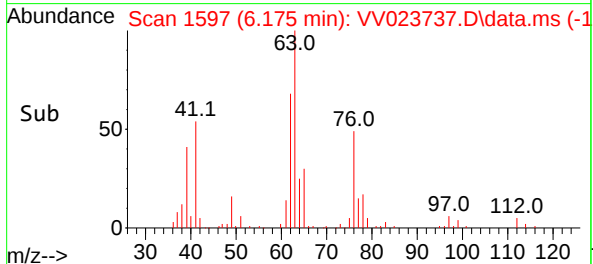
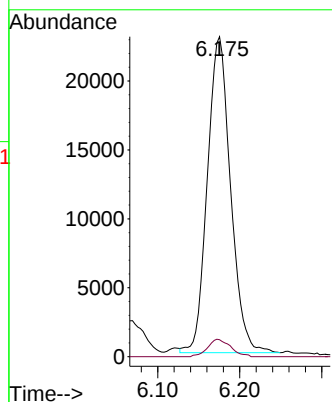
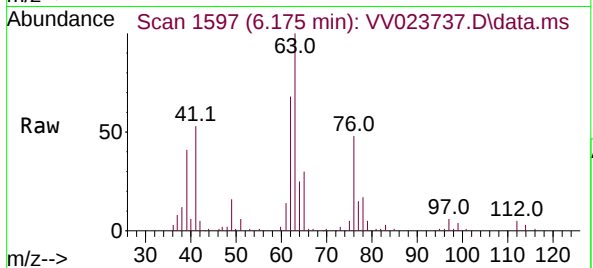
ClientSampleId :

Tgt Ion: 63 Resp: 45020

Ion Ratio Lower Upper

63 100

112 5.5 4.3 6.5



#38

Bromodichloromethane

Concen: 5.284 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

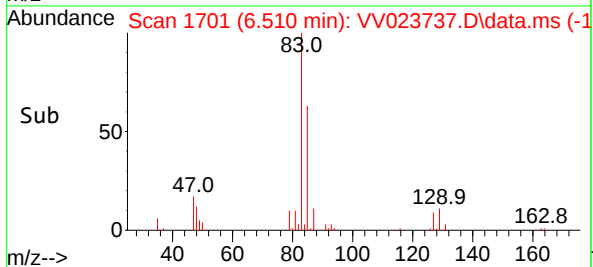
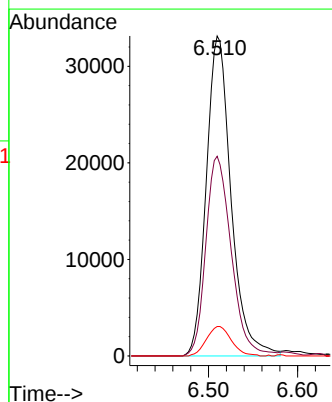
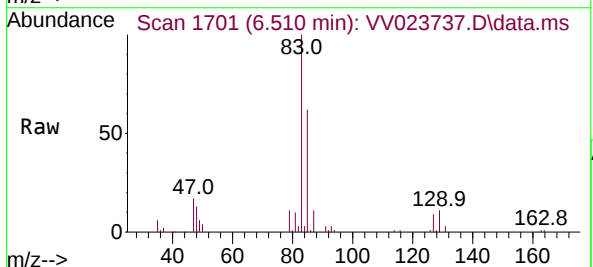
Tgt Ion: 83 Resp: 63980

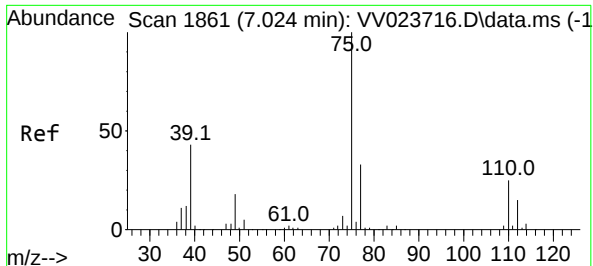
Ion Ratio Lower Upper

83 100

85 62.4 44.0 81.8

127 9.2 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.158 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

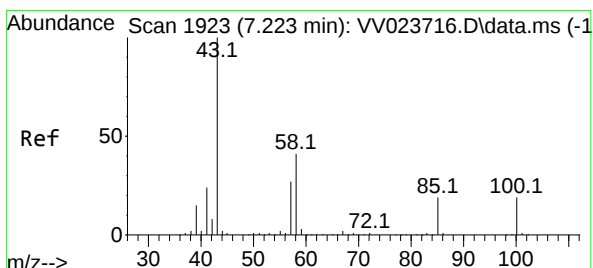
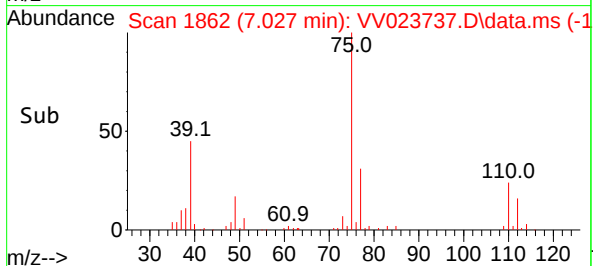
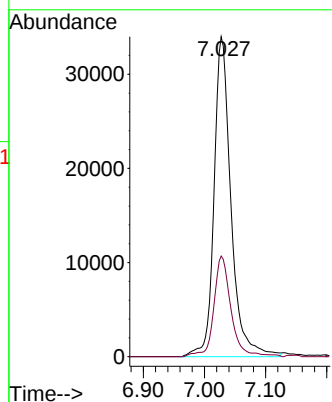
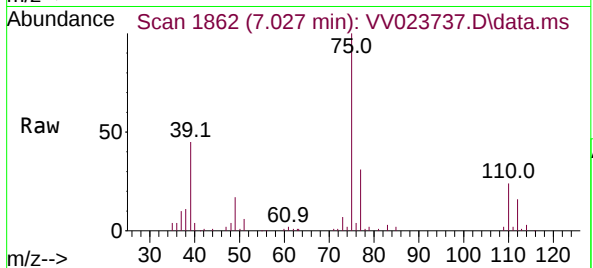
ClientSampleId :

Tgt Ion: 75 Resp: 65489

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 55.005 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

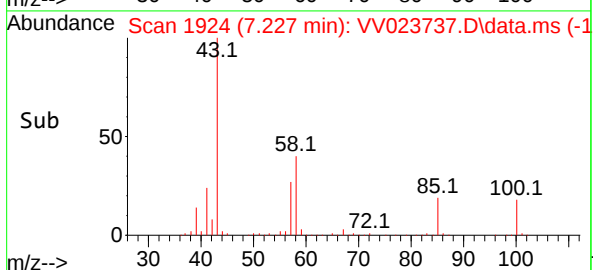
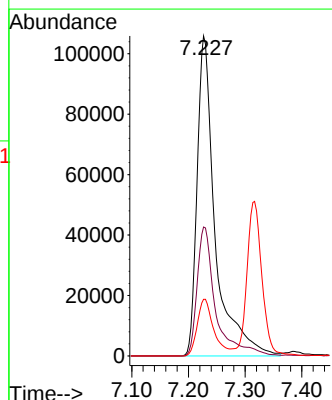
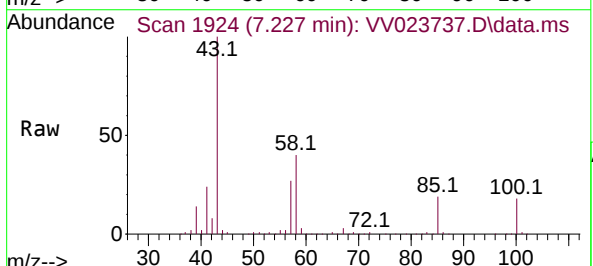
Tgt Ion: 43 Resp: 234270

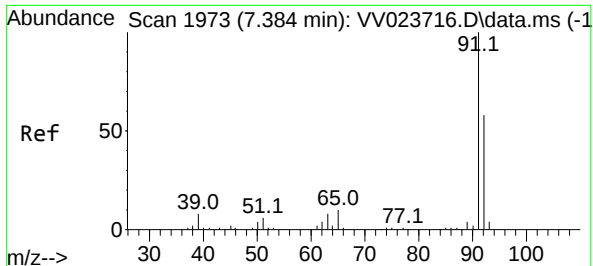
Ion Ratio Lower Upper

43 100

58 41.2 32.3 48.5

100 16.2 13.0 19.6





#42

Toluene

Concen: 5.556 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

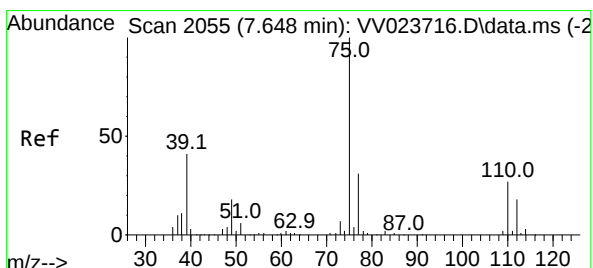
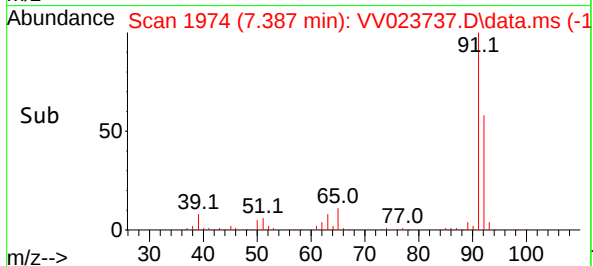
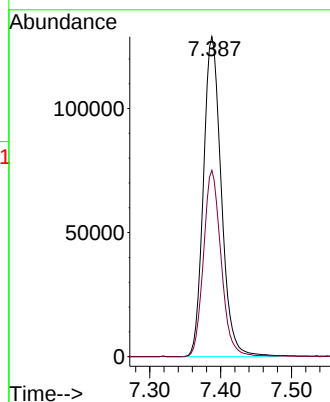
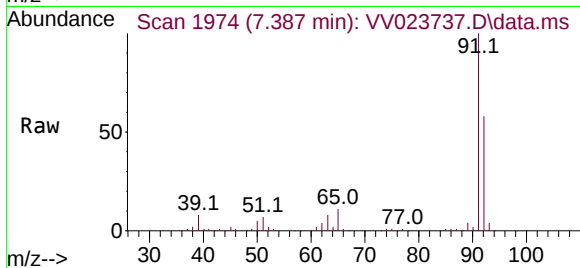
ClientSampleId :

Tgt Ion: 91 Resp: 226147

Ion Ratio Lower Upper

91 100

92 58.2 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.331 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV023737.D

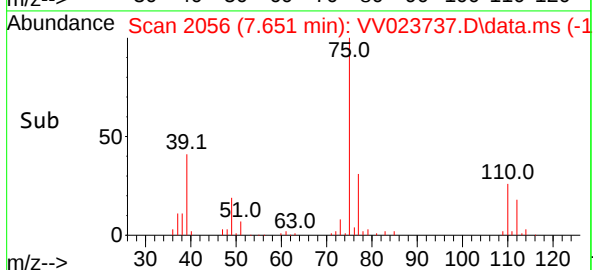
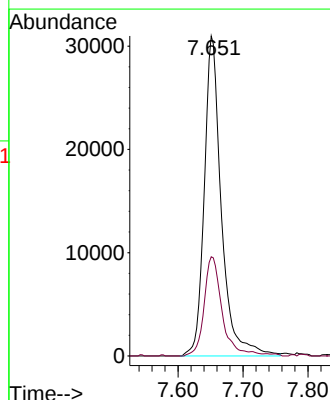
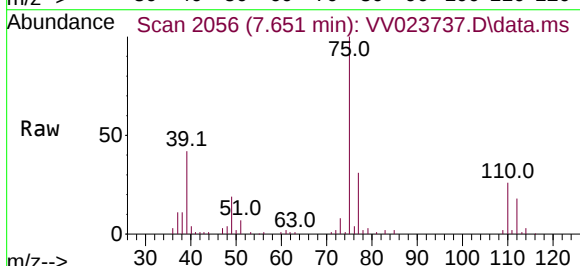
Acq: 26 Nov 2021 19:45

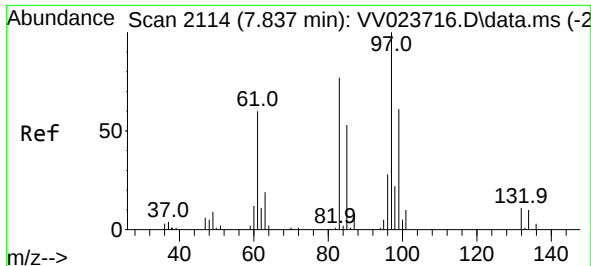
Tgt Ion: 75 Resp: 56888

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.603 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 34613

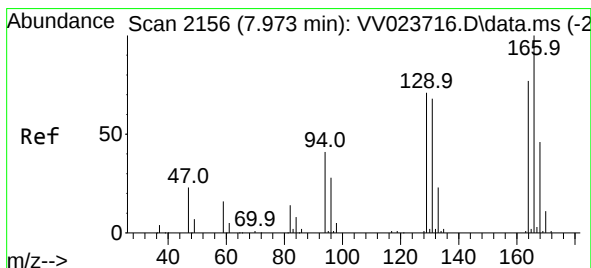
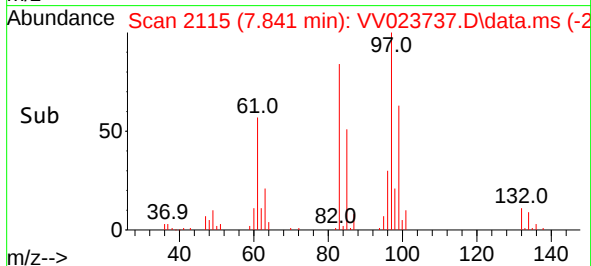
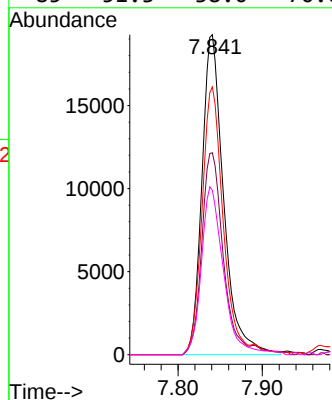
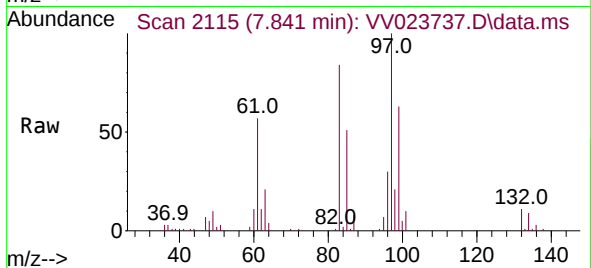
Ion Ratio Lower Upper

97 100

99 63.1 43.1 80.1

83 83.7 57.9 107.5

85 51.3 38.0 70.6



#47

Tetrachloroethene

Concen: 5.143 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Tgt Ion: 164 Resp: 47071

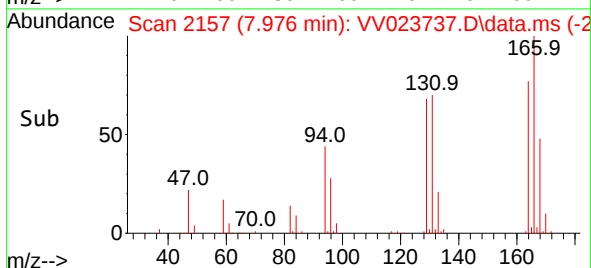
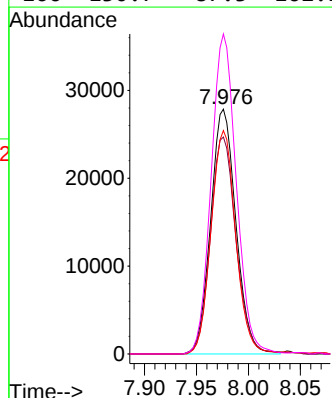
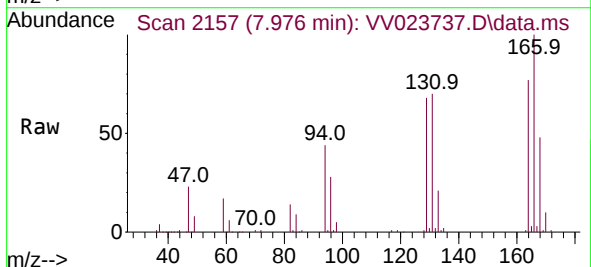
Ion Ratio Lower Upper

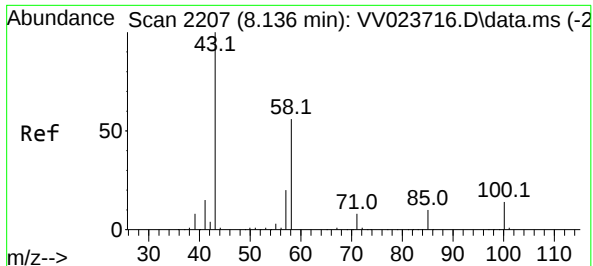
164 100

129 88.6 62.6 116.2

131 91.2 61.0 113.4

166 130.7 87.3 162.1

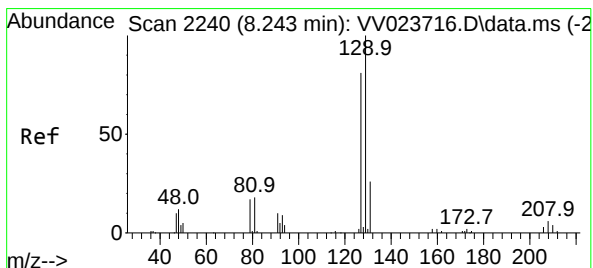
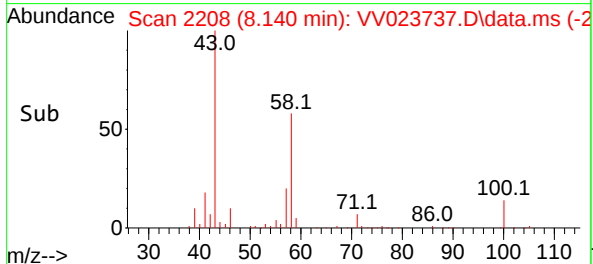
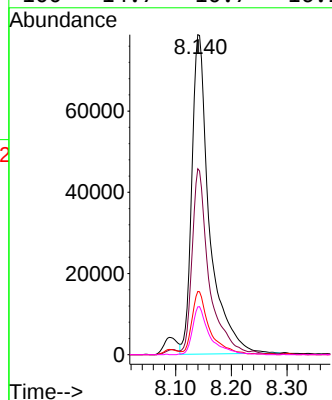
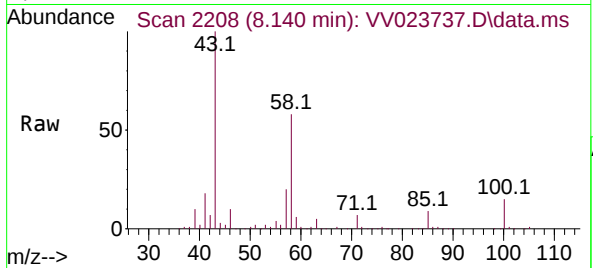




#48
2-Hexanone
Concen: 55.055 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

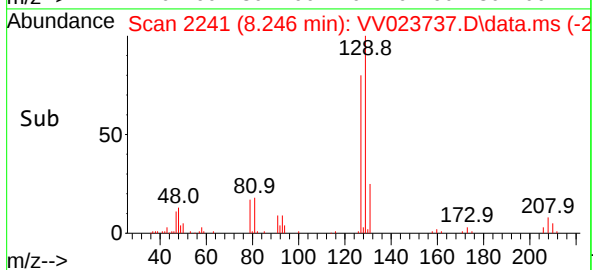
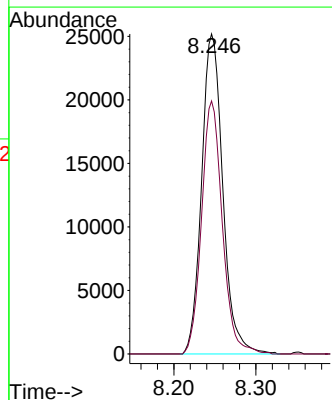
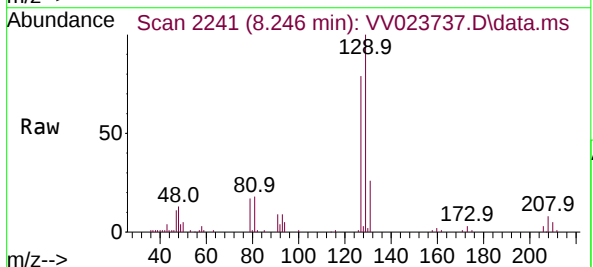
Instrument :
MSVOA_V
ClientSampleId :

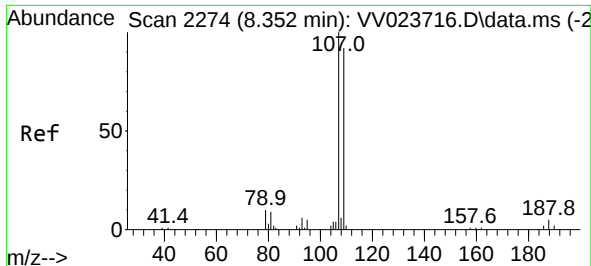
Tgt Ion: 43 Resp: 173310
Ion Ratio Lower Upper
43 100
58 53.8 44.5 66.7
57 19.2 15.1 22.7
100 14.7 10.7 16.1



#49
Dibromochloromethane
Concen: 5.339 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

Tgt Ion: 129 Resp: 45196
Ion Ratio Lower Upper
129 100
127 79.0 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.405 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023737.D

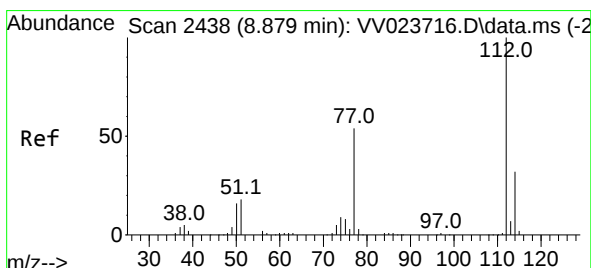
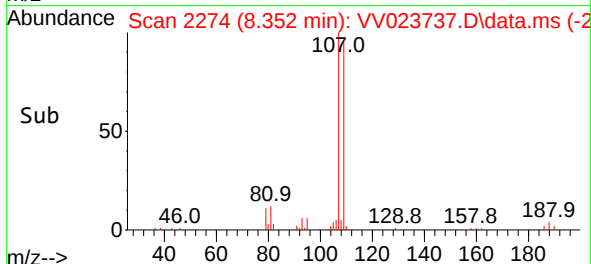
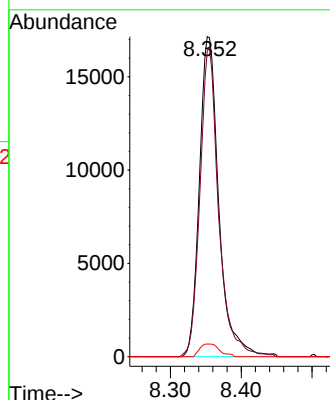
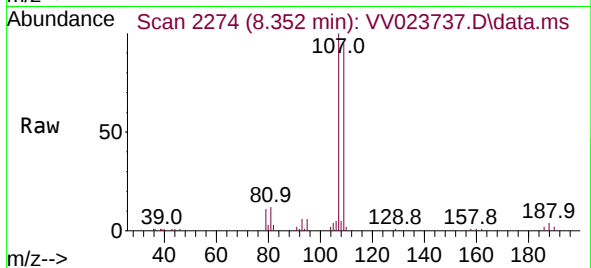
Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	32563
Ion	Ratio	Lower	Upper
107	100		
109	95.4	62.5	116.1
188	4.0	3.4	5.2



#51

Chlorobenzene

Concen: 5.327 ug/L

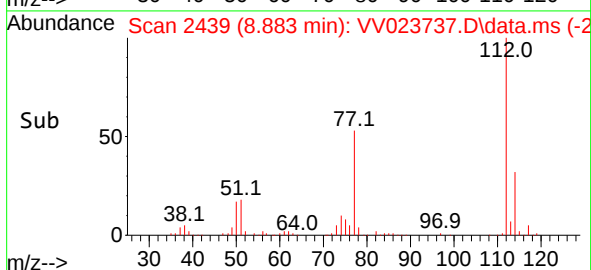
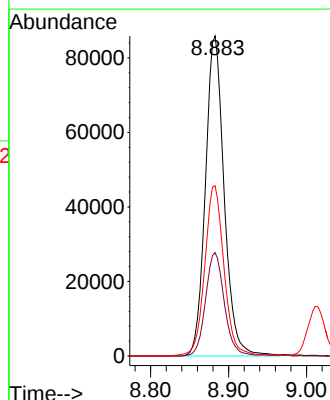
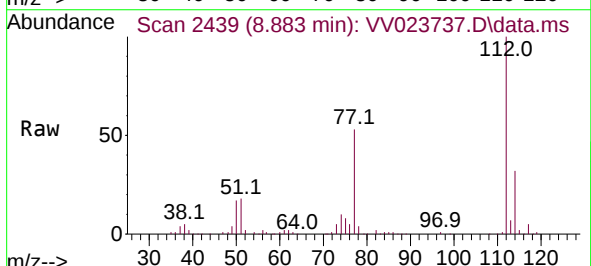
RT: 8.883 min Scan# 2439

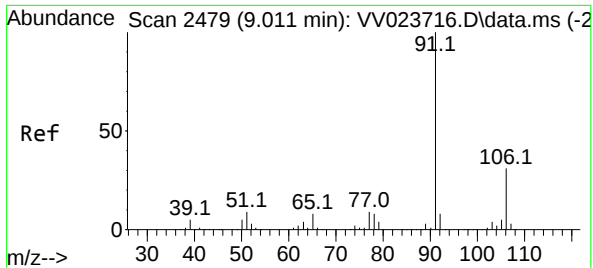
Delta R.T. 0.003 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Tgt Ion:	112	Resp:	143770
Ion	Ratio	Lower	Upper
112	100		
114	32.3	23.3	43.3
77	53.2	43.3	64.9





#52

Ethylbenzene

Concen: 5.423 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

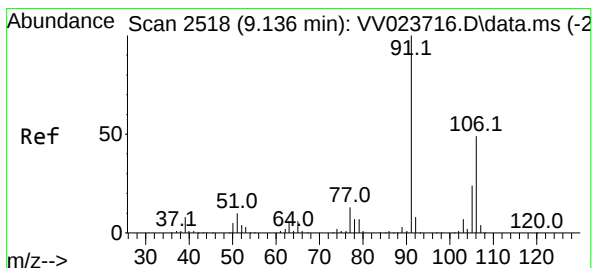
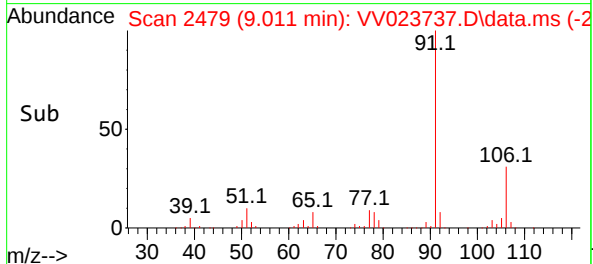
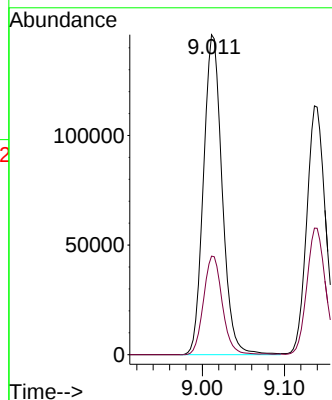
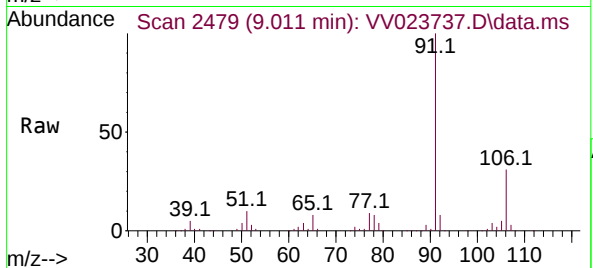
ClientSampleId :

Tgt Ion: 91 Resp: 230756

Ion Ratio Lower Upper

91 100

106 30.8 22.0 41.0



#53

m,p-xylene

Concen: 5.458 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV023737.D

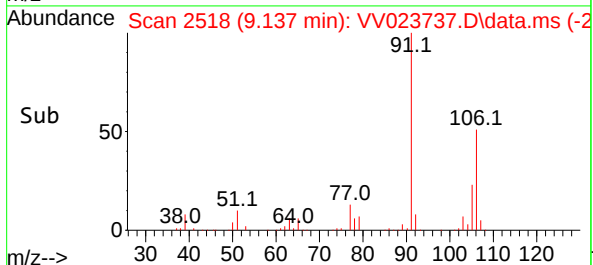
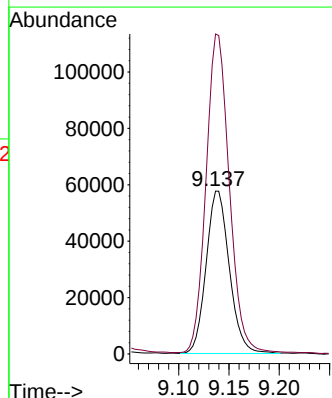
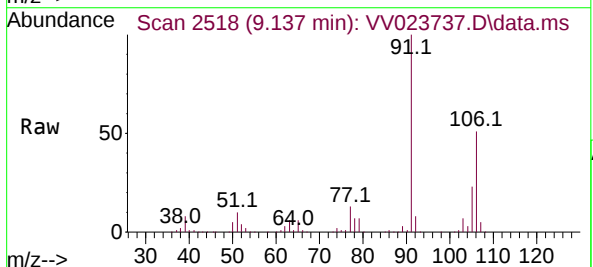
Acq: 26 Nov 2021 19:45

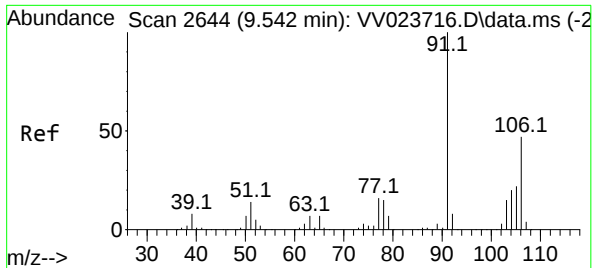
Tgt Ion: 106 Resp: 92428

Ion Ratio Lower Upper

106 100

91 196.5 139.5 259.1

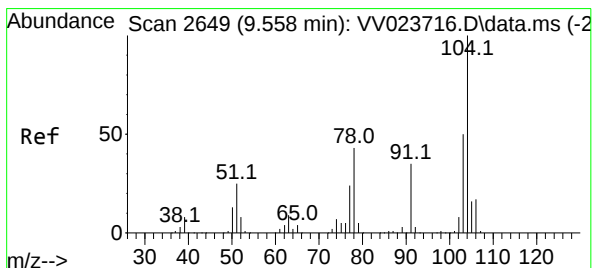
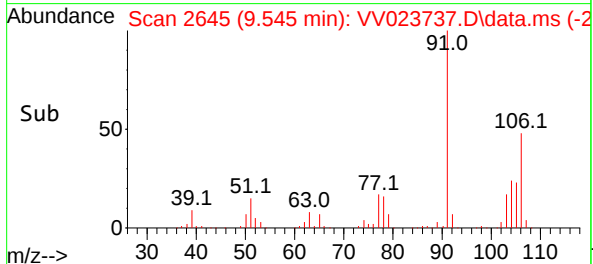
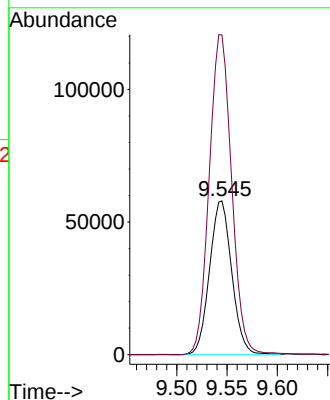
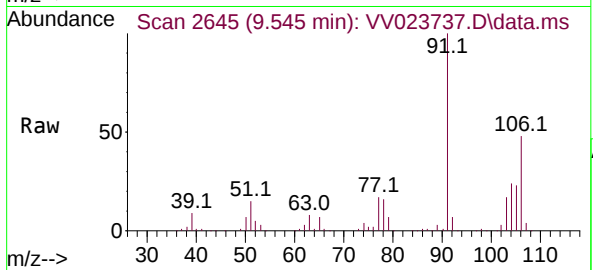




#54
o-xylene
Concen: 5.532 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

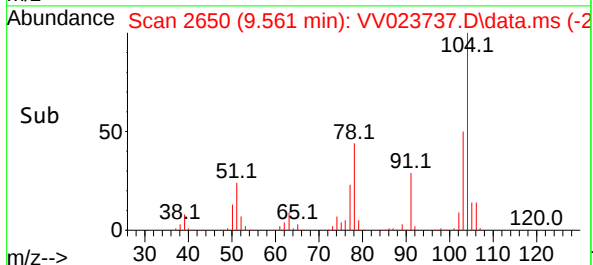
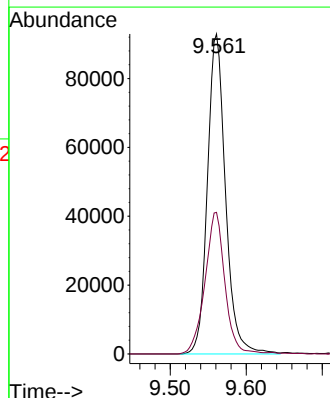
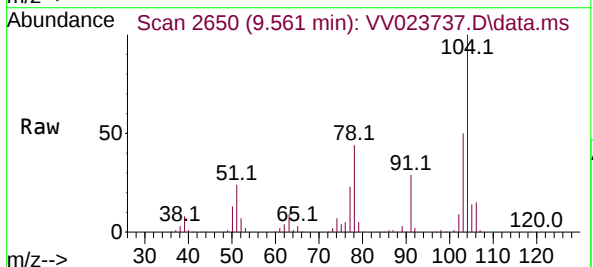
Instrument :
MSVOA_V
ClientSampleId :

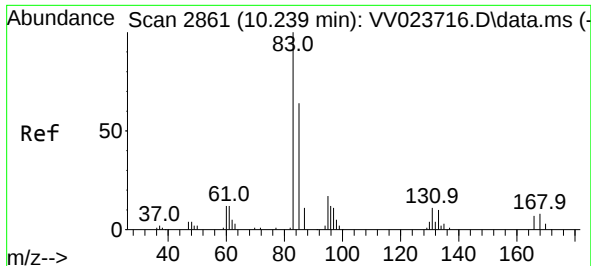
Tgt Ion:106 Resp: 89087
Ion Ratio Lower Upper
106 100
91 207.8 147.9 274.7



#55
Styrene
Concen: 5.657 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

Tgt Ion:104 Resp: 153494
Ion Ratio Lower Upper
104 100
78 44.3 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.670 ug/L

RT: 10.243 min Scan# 2862

Delta R.T. 0.003 min

Lab File: VV023737.D

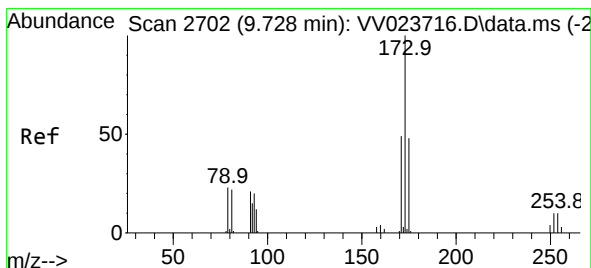
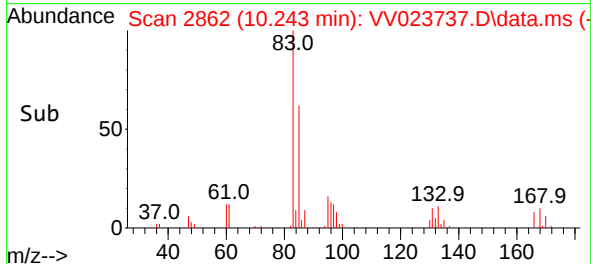
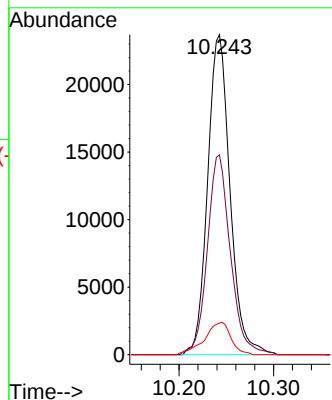
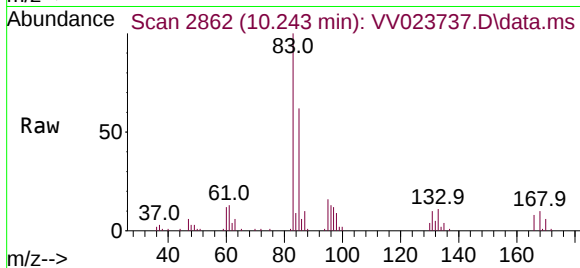
Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	38975
Ion	Ratio	Lower	Upper
83	100		
85	62.5	44.6	82.8
131	9.9	8.3	12.5



#59

Bromoform

Concen: 5.260 ug/L

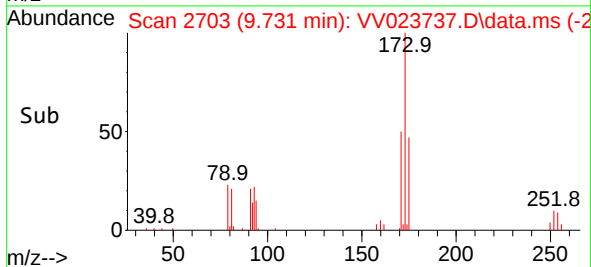
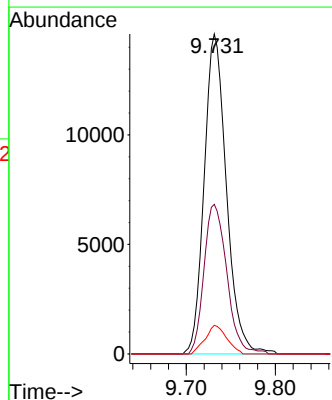
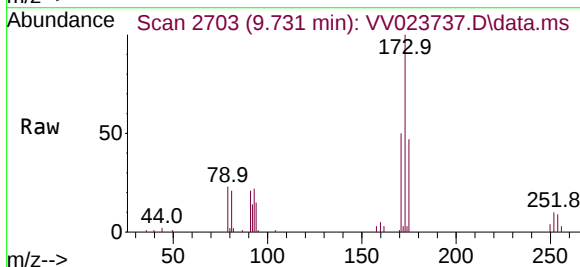
RT: 9.731 min Scan# 2703

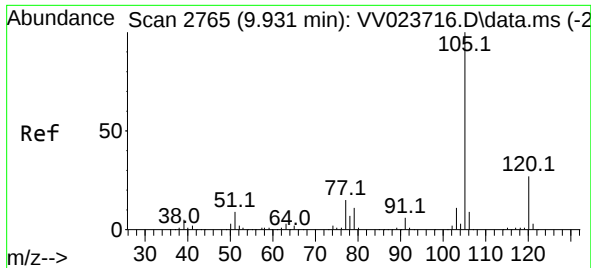
Delta R.T. 0.003 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Tgt Ion:	173	Resp:	25322
Ion	Ratio	Lower	Upper
173	100		
175	47.9	39.4	59.2
254	8.6	7.4	11.0

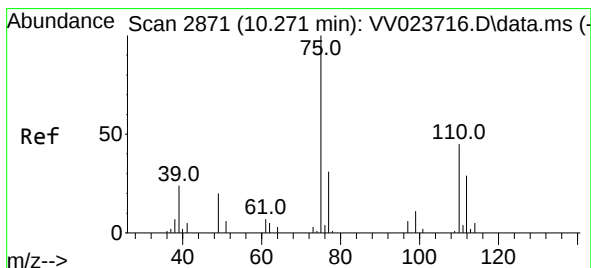
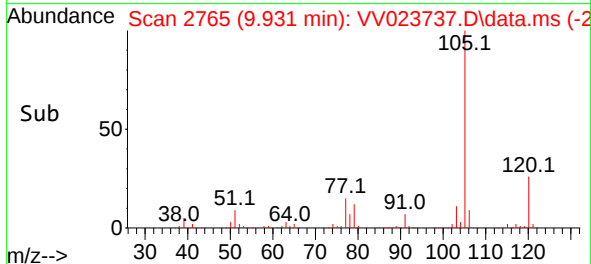
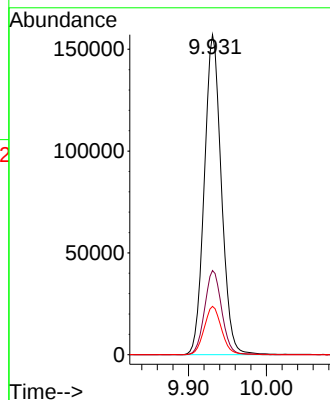
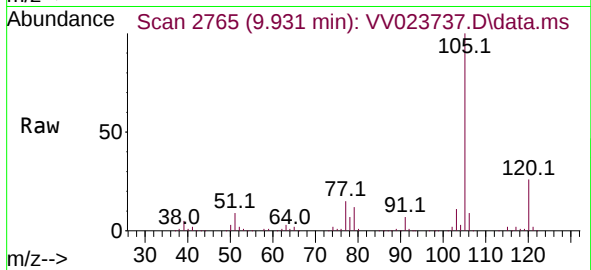




#60
Isopropylbenzene
Concen: 5.491 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

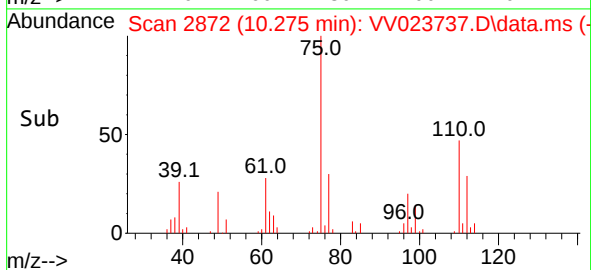
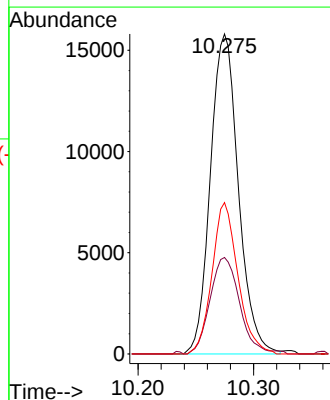
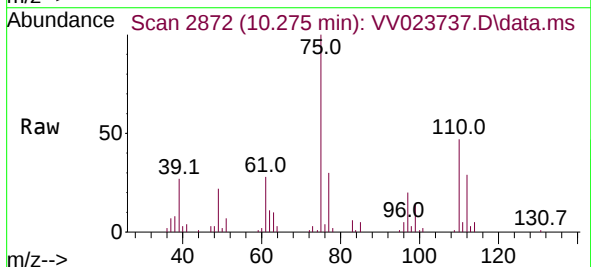
Instrument :
MSVOA_V
ClientSampleId :

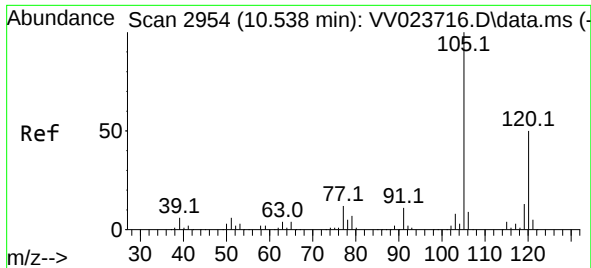
Tgt Ion:105 Resp: 238999
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 15.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.149 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

Tgt Ion: 75 Resp: 26616
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
110 43.8 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.435 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

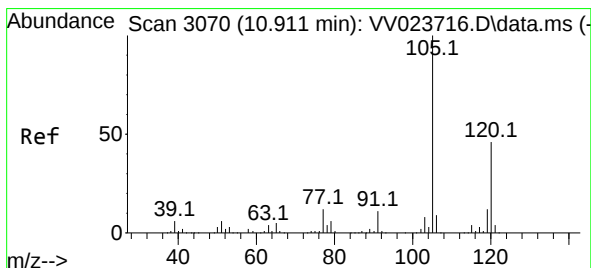
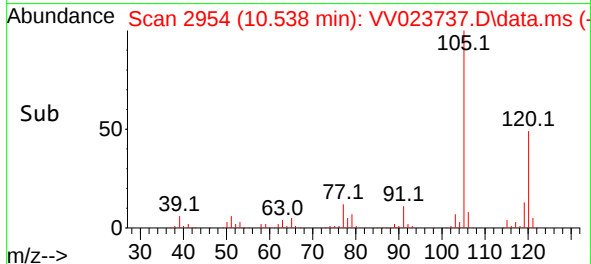
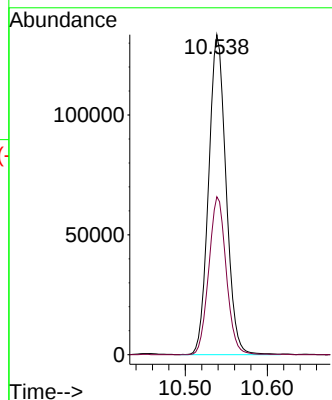
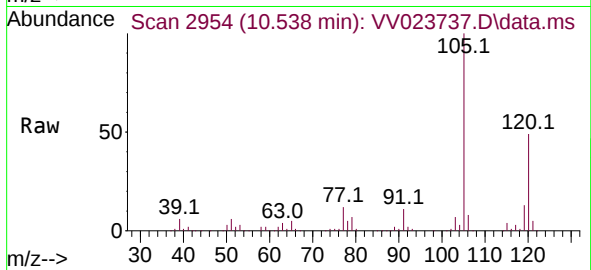
ClientSampleId :

Tgt Ion:105 Resp: 196818

Ion Ratio Lower Upper

105 100

120 49.4 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.553 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV023737.D

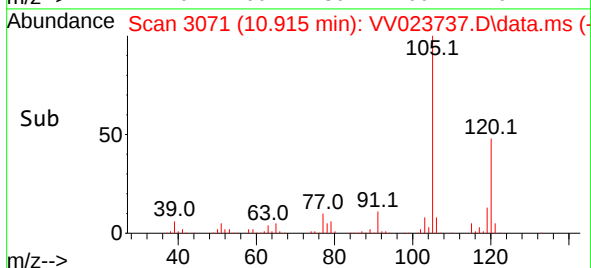
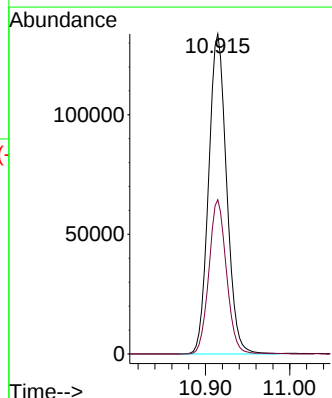
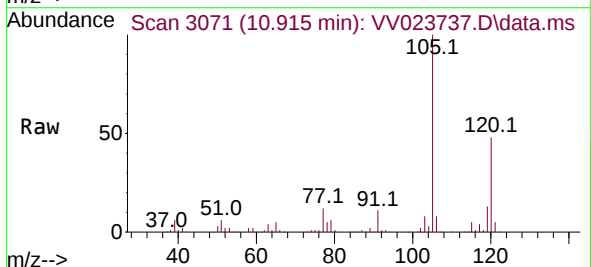
Acq: 26 Nov 2021 19:45

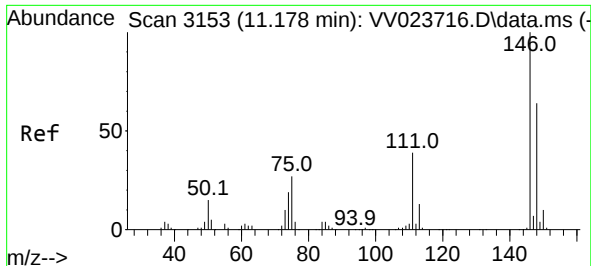
Tgt Ion:105 Resp: 198890

Ion Ratio Lower Upper

105 100

120 46.9 36.7 55.1

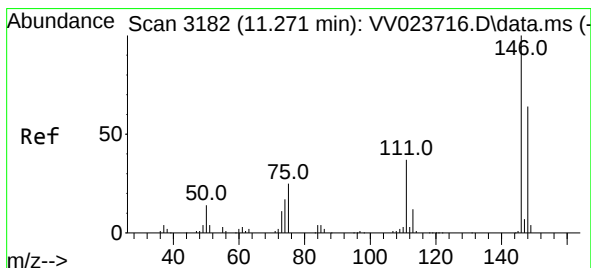
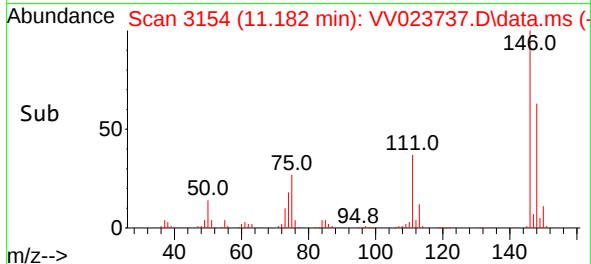
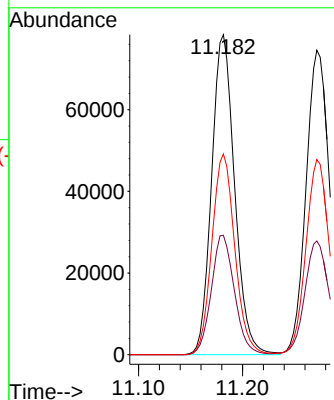
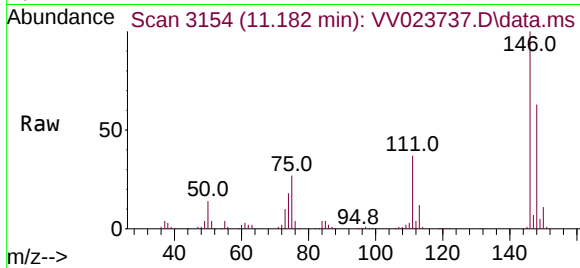




#64
1,3-Dichlorobenzene
Concen: 5.407 ug/L
RT: 11.182 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

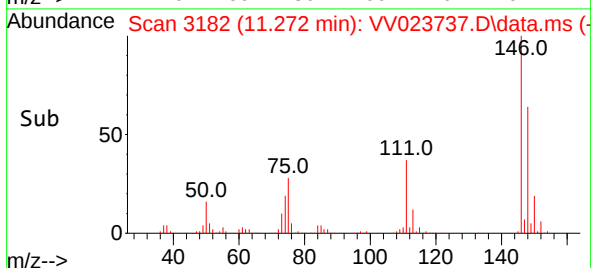
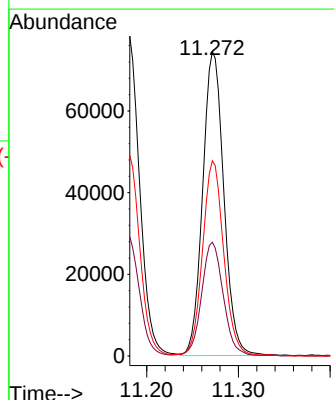
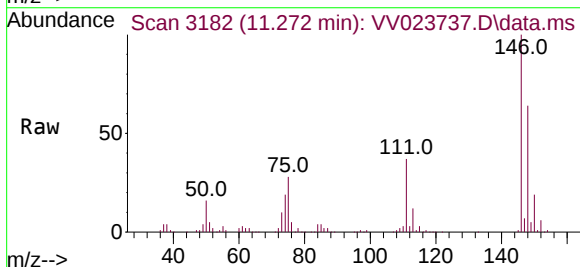
Instrument :
MSVOA_V
ClientSampleId :

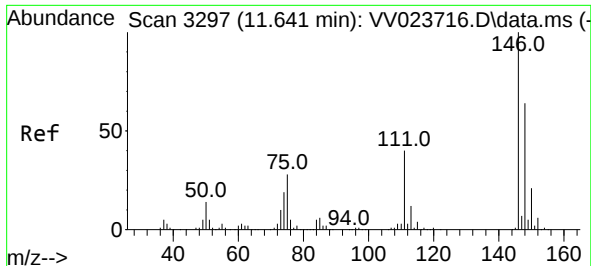
Tgt Ion:146 Resp: 120314
Ion Ratio Lower Upper
146 100
111 37.3 26.3 48.9
148 62.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.328 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

Tgt Ion:146 Resp: 119153
Ion Ratio Lower Upper
146 100
111 37.4 25.6 47.6
148 64.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.349 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

ClientSampleId :

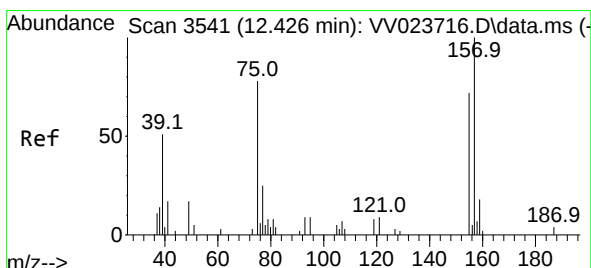
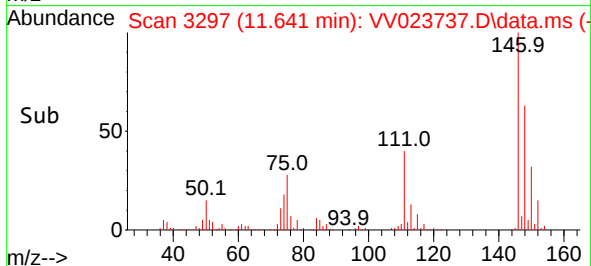
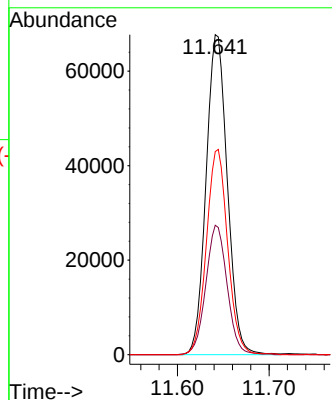
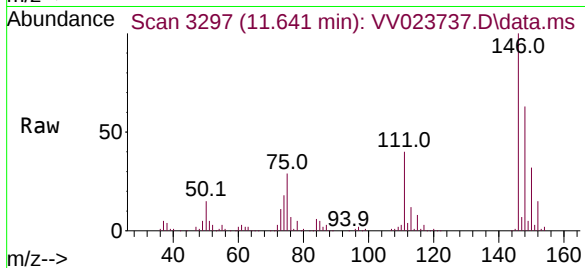
Tgt Ion:146 Resp: 108931

Ion Ratio Lower Upper

146 100

111 40.4 31.9 47.9

148 63.5 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.295 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

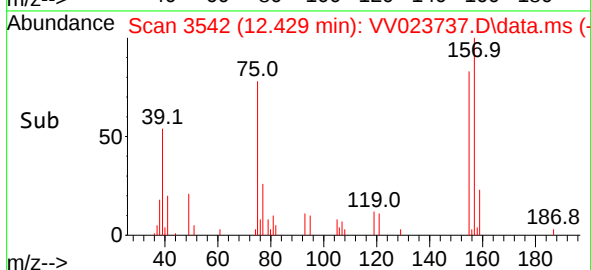
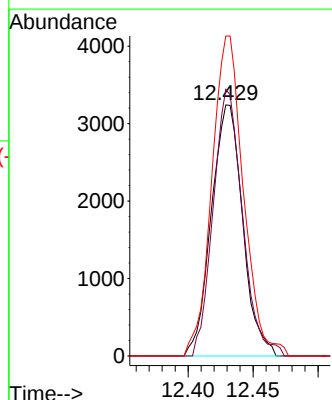
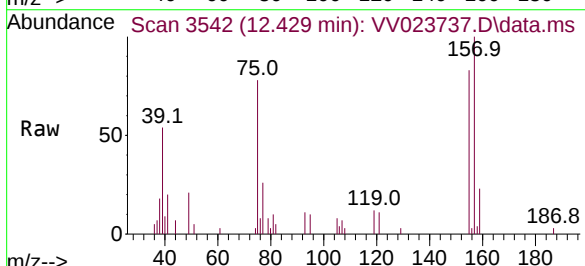
Tgt Ion: 75 Resp: 5436

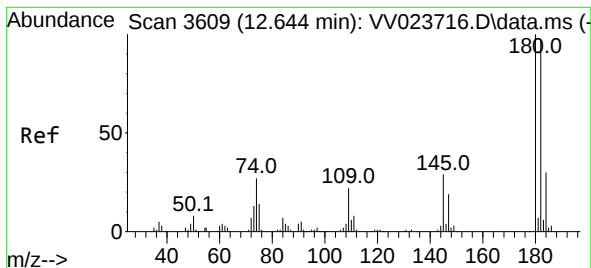
Ion Ratio Lower Upper

75 100

155 106.2 71.7 107.5

157 127.4 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.323 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 92483

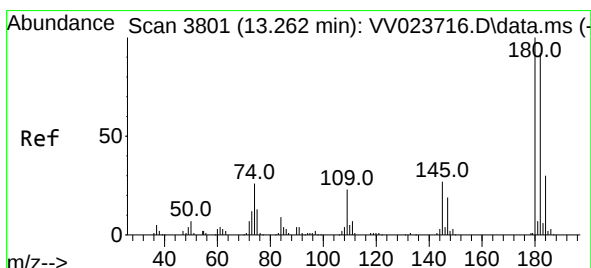
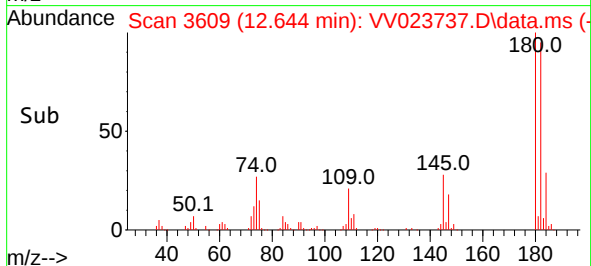
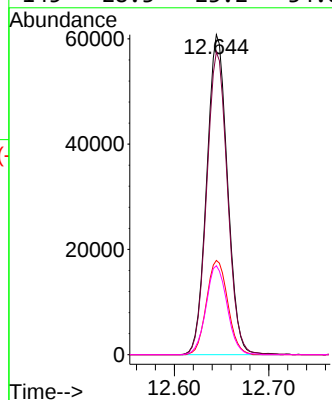
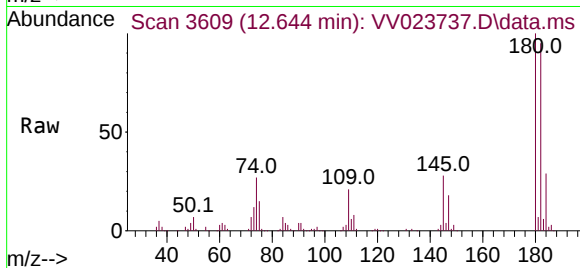
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

184 30.3 24.2 36.4

145 28.3 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.238 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023737.D

Acq: 26 Nov 2021 19:45

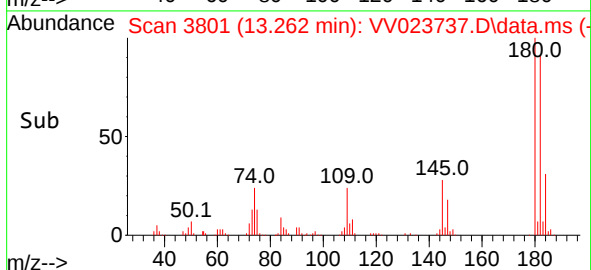
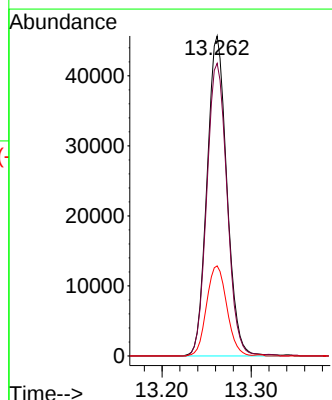
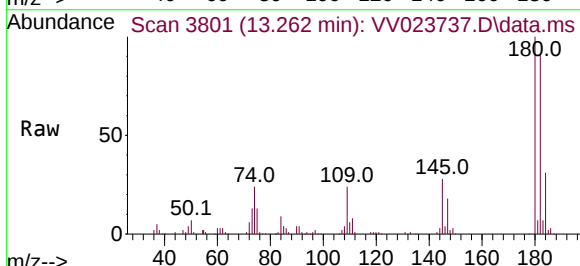
Tgt Ion:180 Resp: 70612

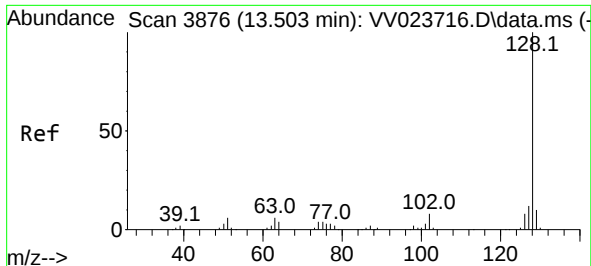
Ion Ratio Lower Upper

180 100

182 93.1 74.4 111.6

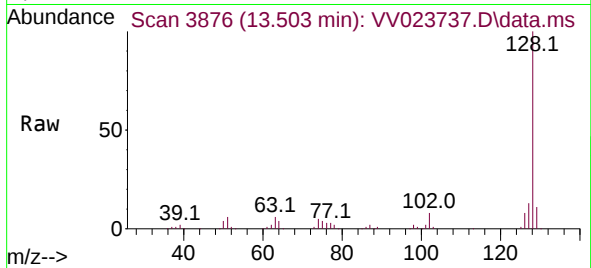
145 28.8 23.3 34.9



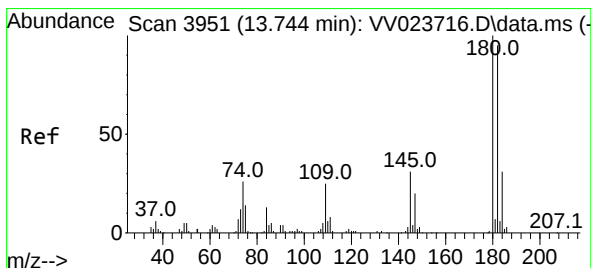
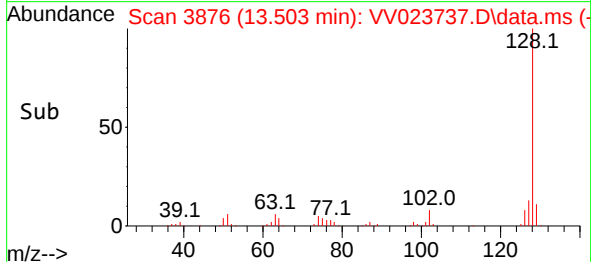
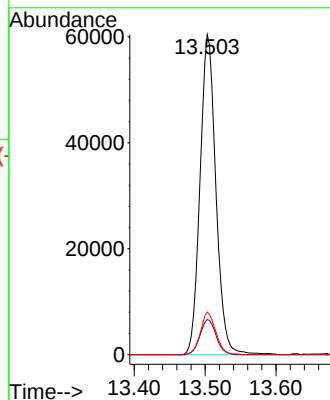


#71
Naphthalene
Concen: 5.178 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 93930
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.290 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023737.D
Acq: 26 Nov 2021 19:45

Tgt Ion:180 Resp: 61787
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 32.0 25.8 38.6

