

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023925.D
 Acq On : 11 Dec 2021 07:00
 Operator : SY/MD
 Sample : M5005-06MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 23:58:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	113940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78479	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	23348	3.812	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.568	69	21800	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.114	63	51873	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.899	46	75720	63.274	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.540%
24) Chloroform-d	4.349	84	62276	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.034	65	29924	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.053	84	101519	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.072	67	31779	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.317	98	90283	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.625	79	12743	4.483	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.088	63	64783	50.909	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	26716	4.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.628	152	45681	4.358	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	47425	4.782	ug/L	100
3) Chloromethane	1.243	50	39107	4.615	ug/L	95
5) Vinyl chloride	1.310	62	42312	4.604	ug/L	99
6) Bromomethane	1.523	94	25363	4.343	ug/L	99
8) Chloroethane	1.587	64	27249	4.557	ug/L	94
9) Trichlorofluoromethane	1.754	101	79592	4.984	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	40428	4.806	ug/L	99
12) 1,1-Dichloroethene	2.121	96	37770	4.941	ug/L	92
13) Acetone	2.188	43	84990	88.771	ug/L	75
14) Carbon disulfide	2.298	76	97833	4.412	ug/L	100
15) Methyl Acetate	2.442	43	26299	11.333	ug/L	# 70
16) Methylene chloride	2.507	84	40421	4.042	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	89444	5.174	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	41168	4.865	ug/L	97
19) 1,1-Dichloroethane	3.191	63	77734	5.118	ug/L	98
21) 2-Butanone	3.982	43	71264	52.095	ug/L	82
22) cis-1,2-Dichloroethene	3.915	96	59163	6.605	ug/L	95
23) Bromochloromethane	4.252	128	19572	4.808	ug/L	94
25) Chloroform	4.378	83	81617	4.834	ug/L	100

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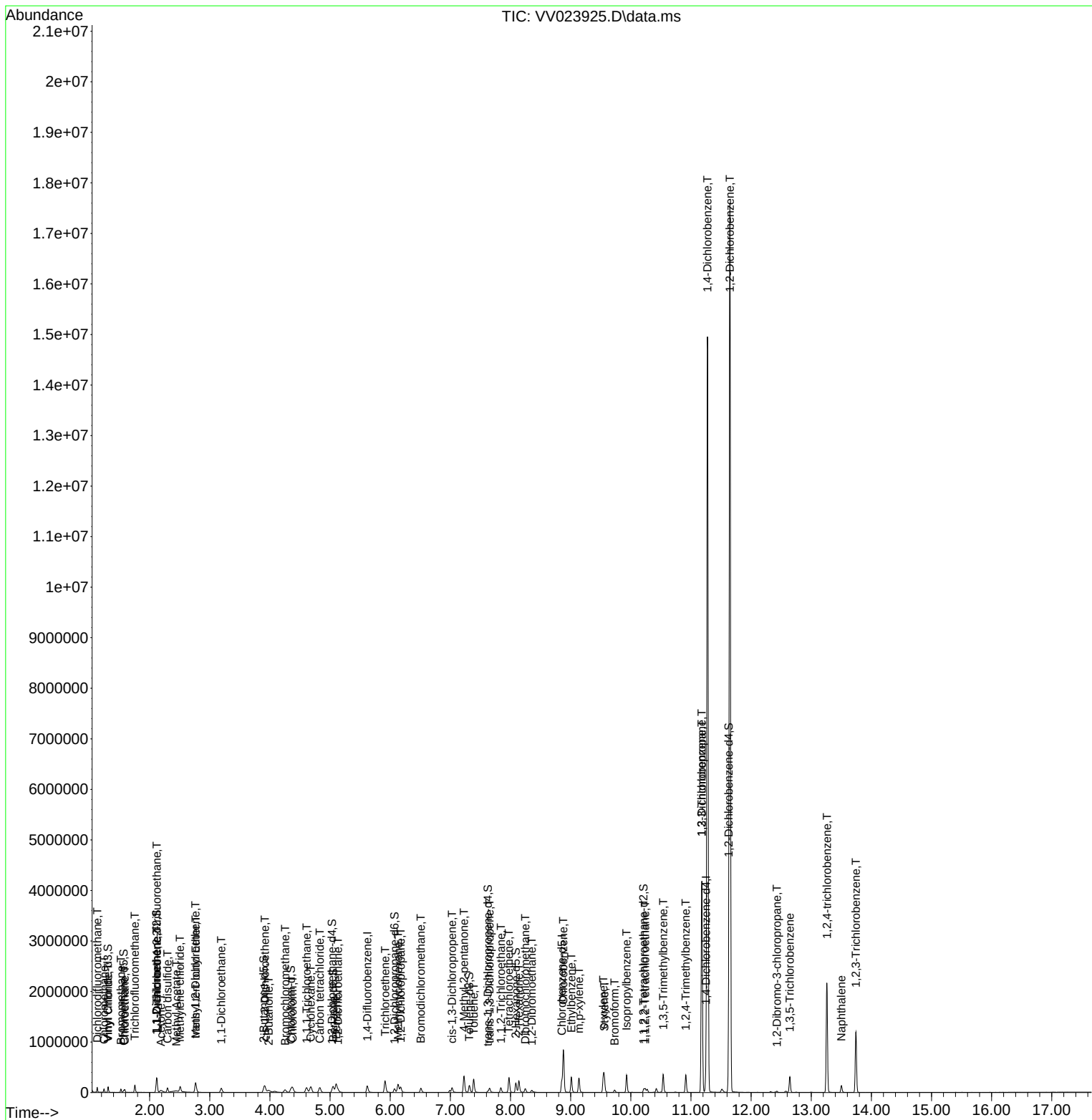
Instrument :
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 ClientSampleId :

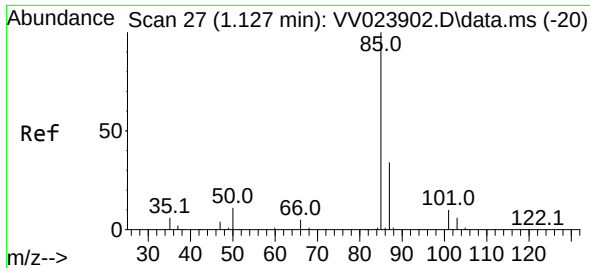
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45380	4.961	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	77622	5.174	ug/L	99
30) Cyclohexane	4.680	56	58375	4.906	ug/L	99
31) Carbon tetrachloride	4.831	117	70161	4.975	ug/L	100
33) Benzene	5.101	78	166131	5.121	ug/L	100
34) Trichloroethene	5.915	95	75827	8.287	ug/L	98
35) Methylcyclohexane	6.130	83	67738	5.030	ug/L	97
37) 1,2-Dichloropropane	6.175	63	39692	5.148	ug/L	100
38) Bromodichloromethane	6.510	83	53528	4.901	ug/L	94
39) cis-1,3-Dichloropropene	7.027	75	54466	4.759	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	202692	54.727	ug/L	98
42) Toluene	7.387	91	188222	5.156	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	47441	4.795	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	27480	4.818	ug/L	97
47) Tetrachloroethene	7.976	164	63086	7.832	ug/L	95
48) 2-Hexanone	8.140	43	139664	52.007	ug/L	97
49) Dibromochloromethane	8.246	129	37698	4.858	ug/L	100
50) 1,2-Dibromoethane	8.352	107	26919	5.083	ug/L #	94
51) Chlorobenzene	8.879	112	450148	18.448	ug/L	99
52) Ethylbenzene	9.011	91	205126	5.325	ug/L	99
53) m,p-xylene	9.140	106	81595	5.356	ug/L	100
54) o-xylene	9.545	106	77441	5.257	ug/L	99
55) Styrene	9.561	104	133382	5.439	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	31239	5.001	ug/L	99
59) Bromoform	9.731	173	21788	4.326	ug/L	95
60) Isopropylbenzene	9.931	105	214232	4.649	ug/L	99
61) 1,2,3-Trichloropropane	11.181	75	466230	87.207	ug/L #	50
62) 1,3,5-Trimethylbenzene	10.538	105	182807	4.783	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	184450	4.844	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	1656573	70.296	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	5777157	244.085	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	6698873	310.277	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	6570	5.627	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	94883	4.895	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	649463	42.663	ug/L	98
71) Naphthalene	13.503	128	105560	4.825	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	352228	26.208	ug/L	99

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

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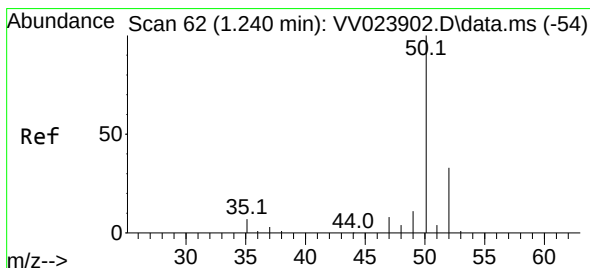
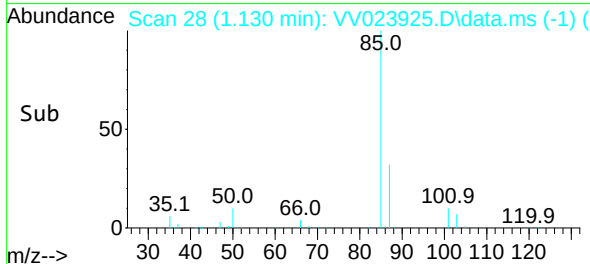
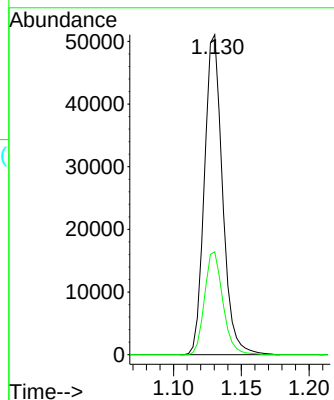
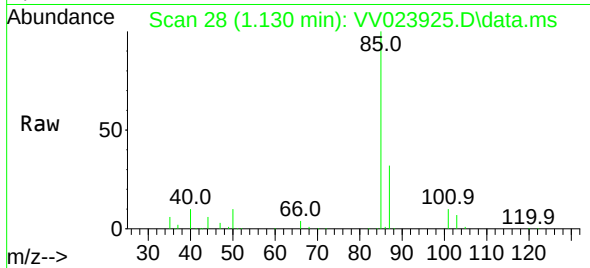




#2
 Dichlorodifluoromethane
 Concen: 4.782 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023925.D
 Acq: 11 Dec 2021 07:00

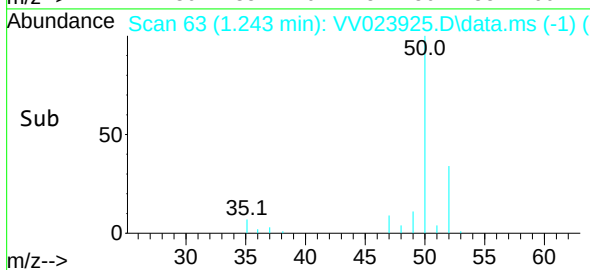
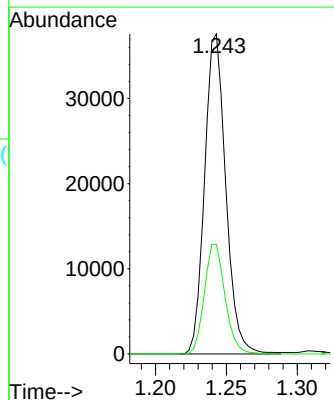
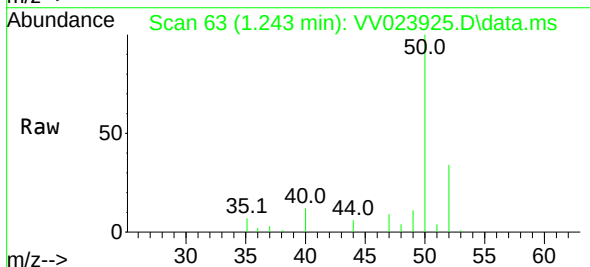
Instrument :
 MSVOA_V
 ClientSampleId :

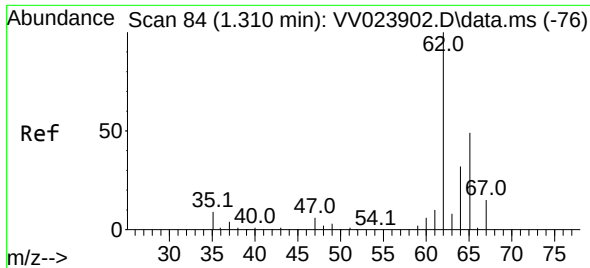
Tgt Ion: 85 Resp: 47425
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 4.615 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023925.D
 Acq: 11 Dec 2021 07:00

Tgt Ion: 50 Resp: 39107
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.0 41.0

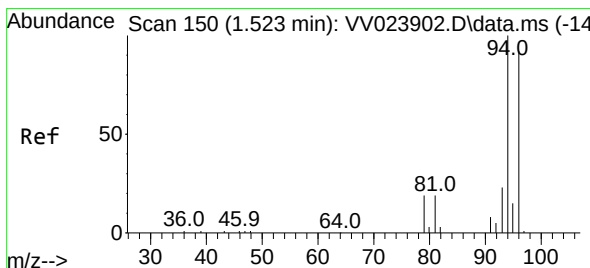
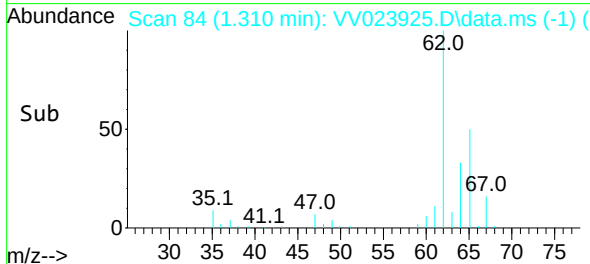
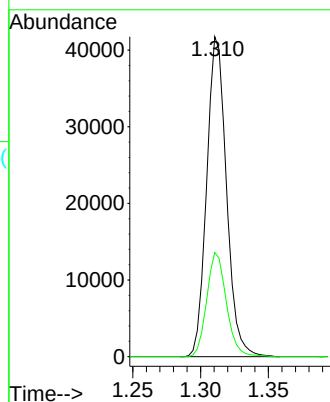
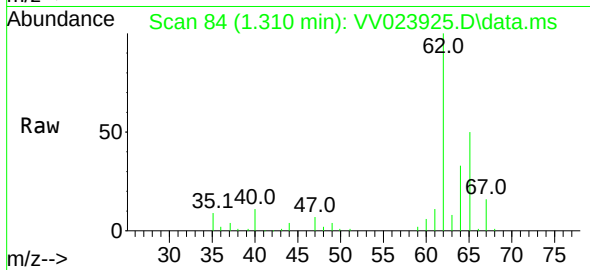




#5
 Vinyl chloride
 Concen: 4.604 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023925.D
 Acq: 11 Dec 2021 07:00

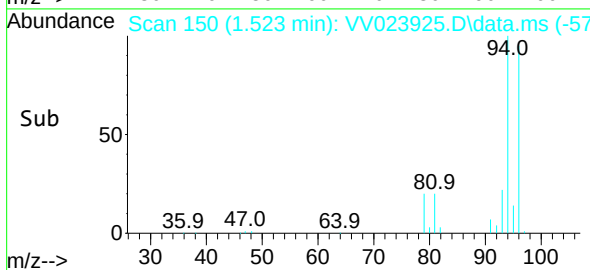
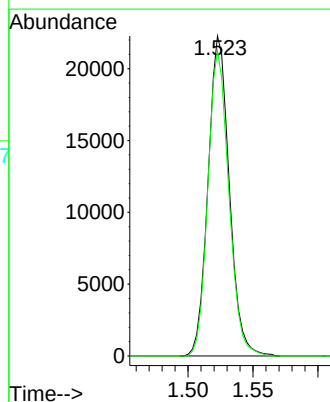
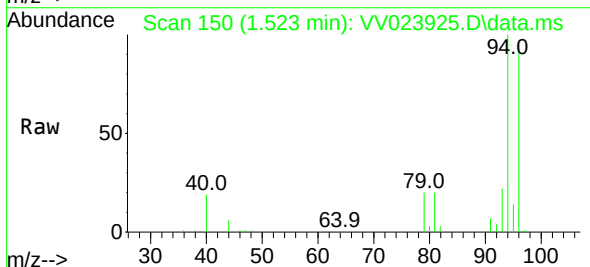
Instrument :
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 ClientSampleId :

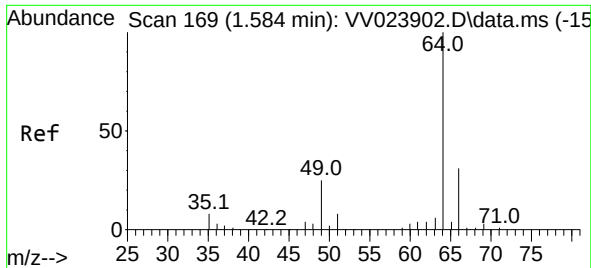
Tgt Ion: 62 Resp: 42312
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.4 41.6



#6
 Bromomethane
 Concen: 4.343 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023925.D
 Acq: 11 Dec 2021 07:00

Tgt Ion: 94 Resp: 25363
 Ion Ratio Lower Upper
 94 100
 96 95.4 66.2 123.0

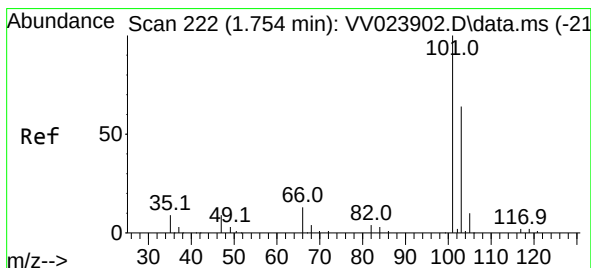
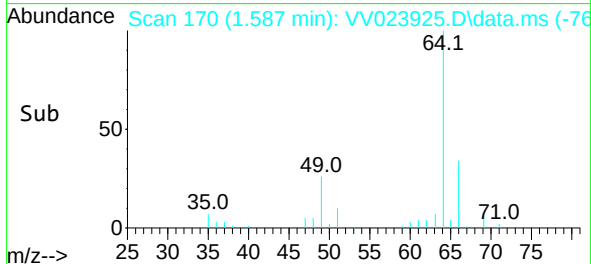
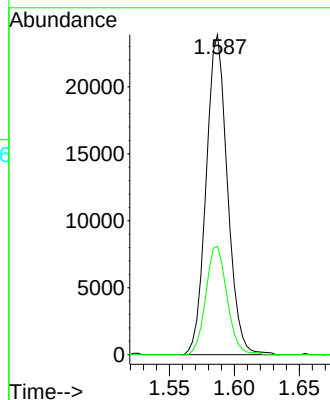
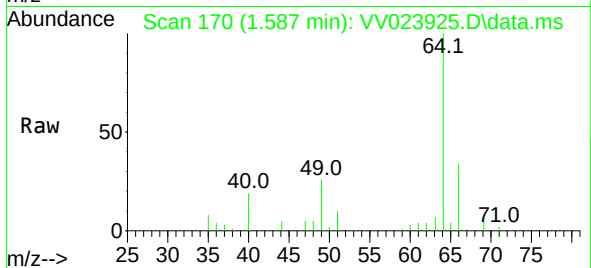




#8
Chloroethane
Concen: 4.557 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

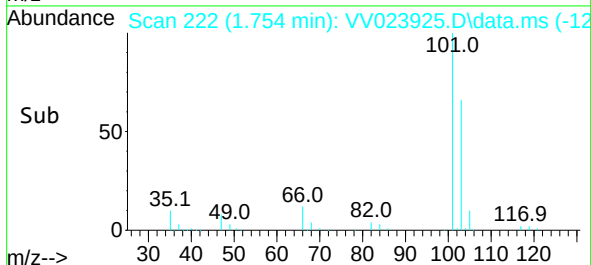
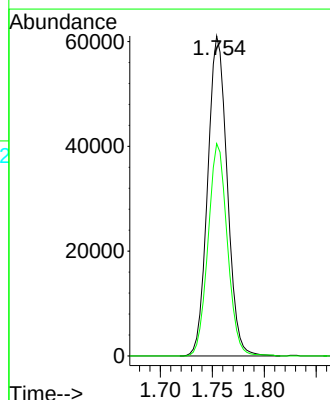
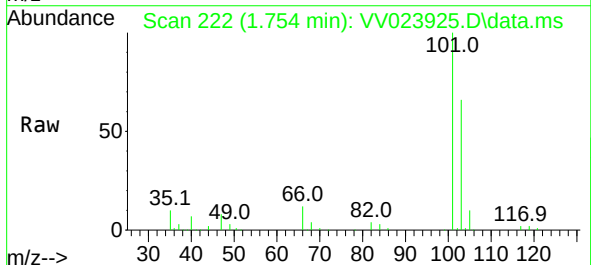
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MSVOA_V
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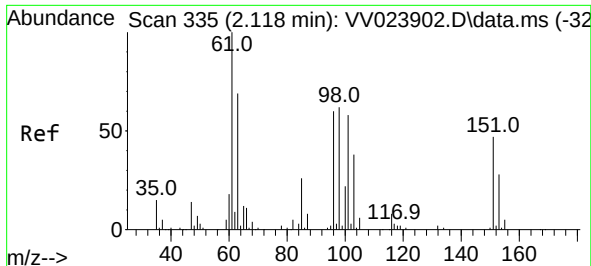
Tgt Ion: 64 Resp: 27249
Ion Ratio Lower Upper
64 100
66 33.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.984 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

Tgt Ion:101 Resp: 79592
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4

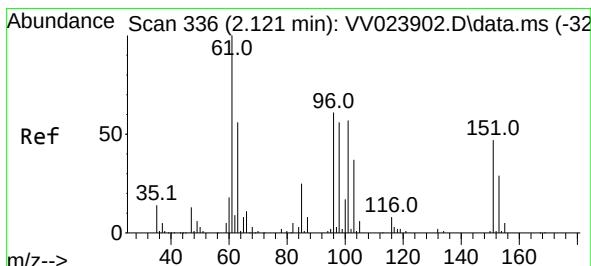
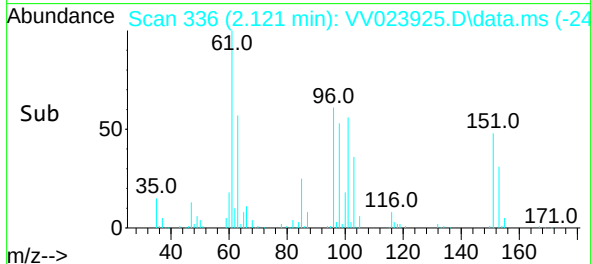
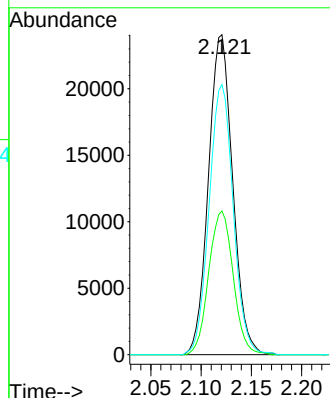
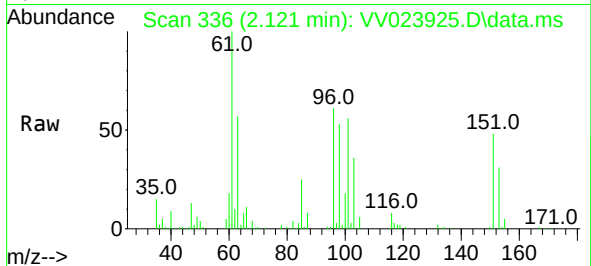




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.806 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023925.D
 Acq: 11 Dec 2021 07:00

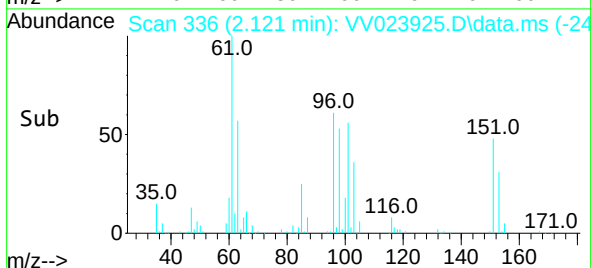
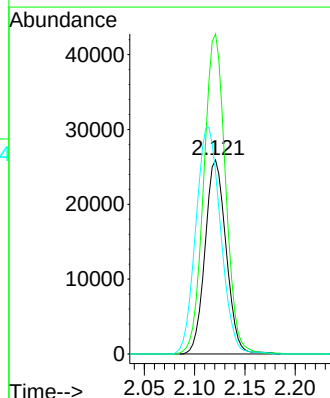
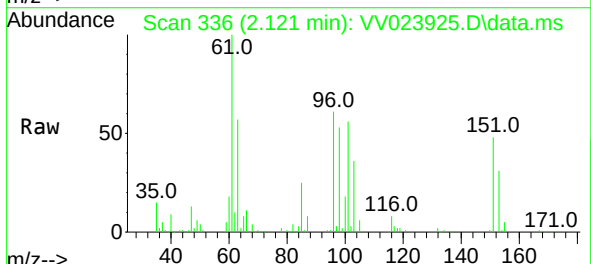
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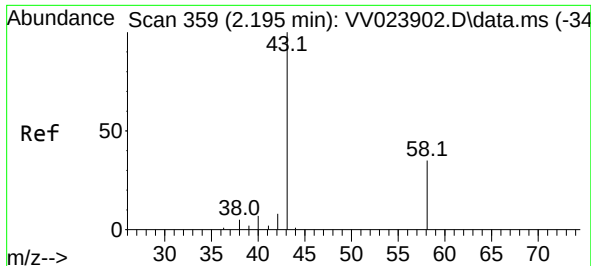
Tgt Ion:101 Resp: 40428
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.0 54.0
 151 84.2 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 4.941 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023925.D
 Acq: 11 Dec 2021 07:00

Tgt Ion: 96 Resp: 37770
 Ion Ratio Lower Upper
 96 100
 61 165.0 116.1 215.5
 63 93.9 79.4 147.4





#13

Acetone

Concen: 88.771 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

Instrument :

MSVOA_V

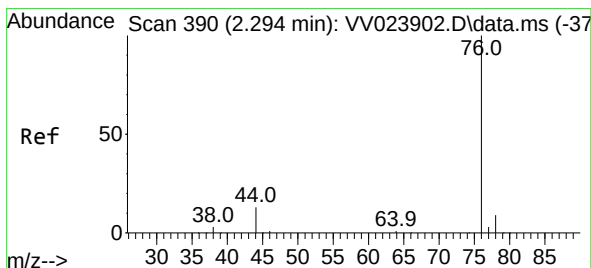
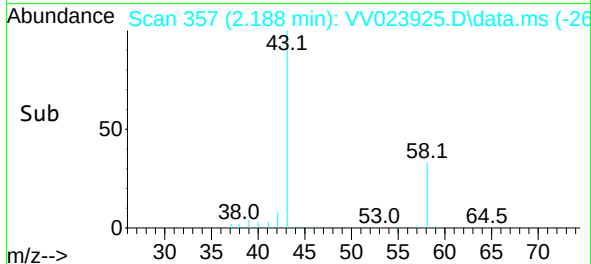
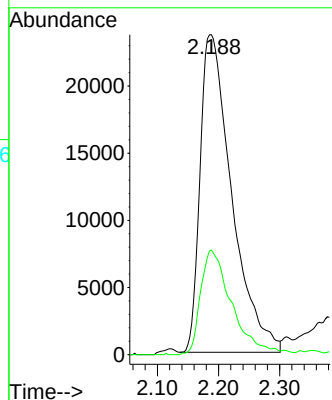
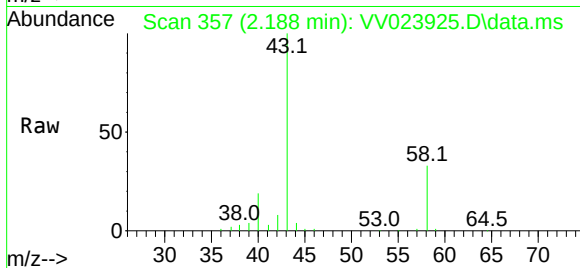
ClientSampleId :

Tgt Ion: 43 Resp: 84990

Ion Ratio Lower Upper

43 100

58 32.2 0.0 41.4



#14

Carbon disulfide

Concen: 4.412 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023925.D

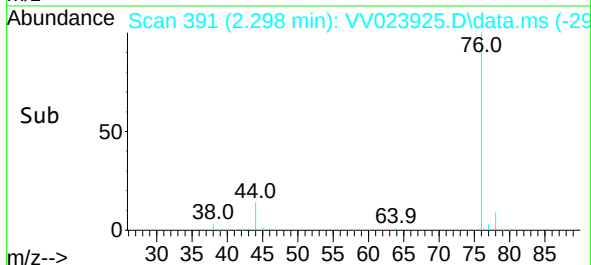
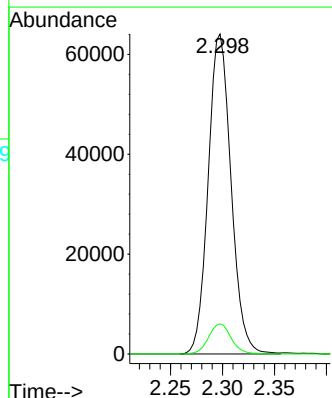
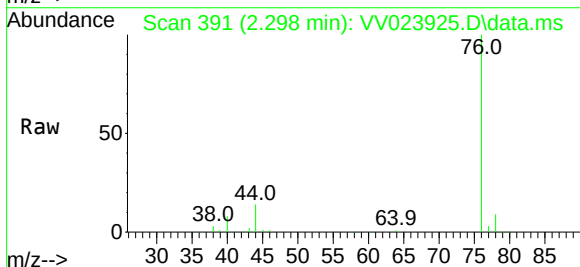
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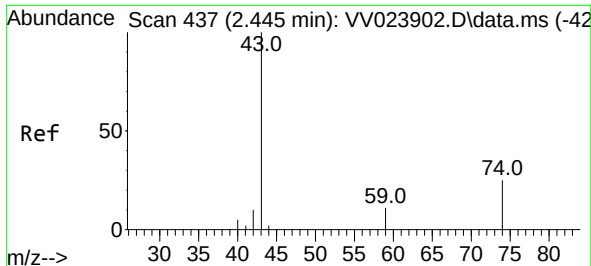
Tgt Ion: 76 Resp: 97833

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

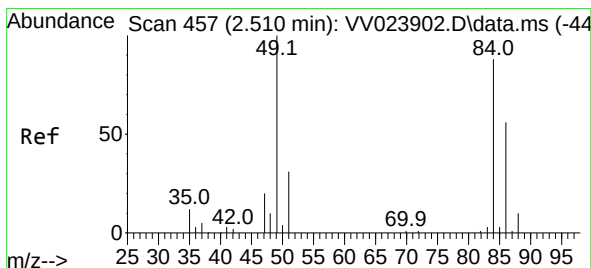
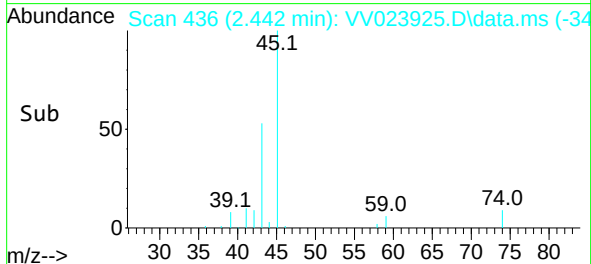
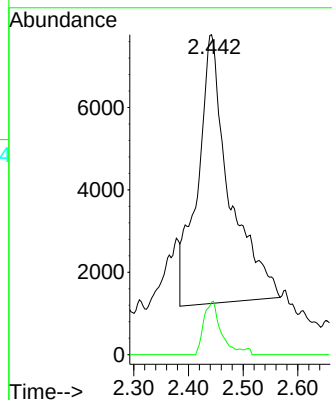
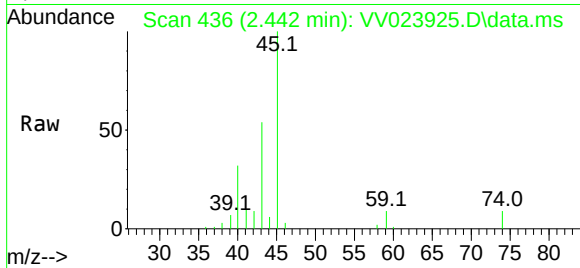




#15
Methyl Acetate
Concen: 11.333 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

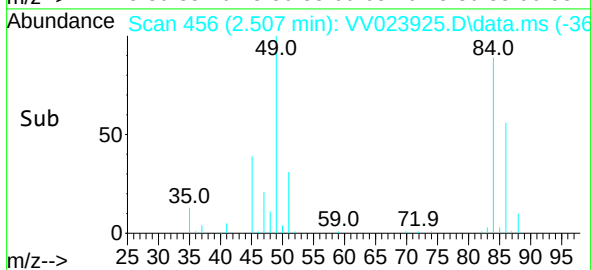
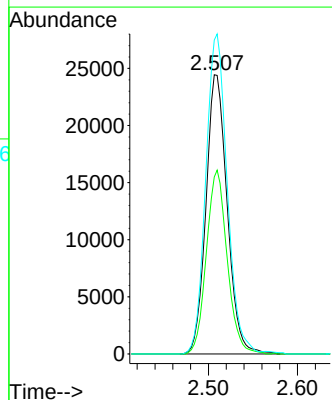
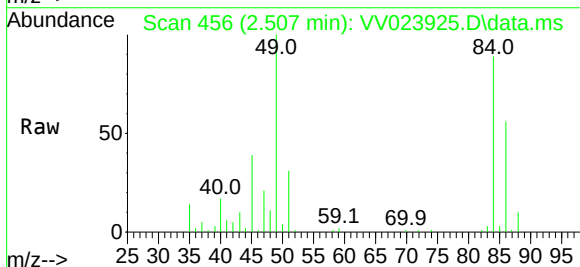
Instrument :
MSVOA_V
ClientSampleId :

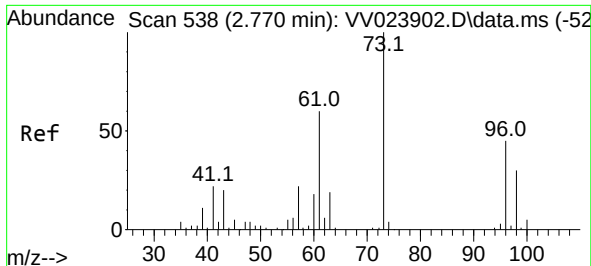
Tgt Ion: 43 Resp: 26299
Ion Ratio Lower Upper
43 100
74 10.4 20.2 30.2#



#16
Methylene chloride
Concen: 4.042 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

Tgt Ion: 84 Resp: 40421
Ion Ratio Lower Upper
84 100
86 63.4 42.6 79.0
49 112.4 79.7 147.9

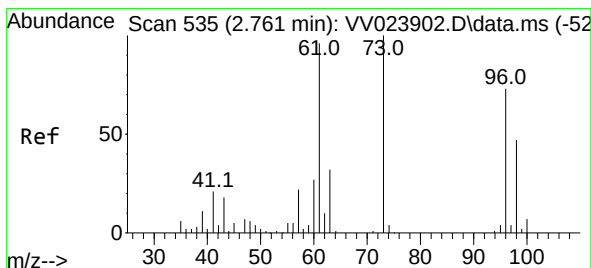
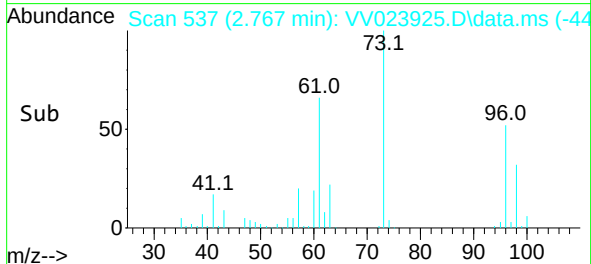
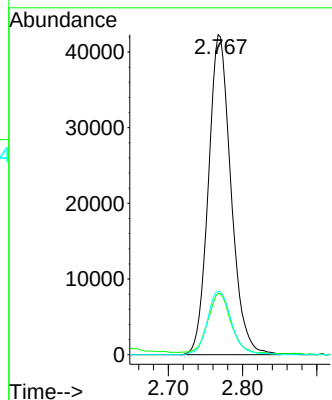
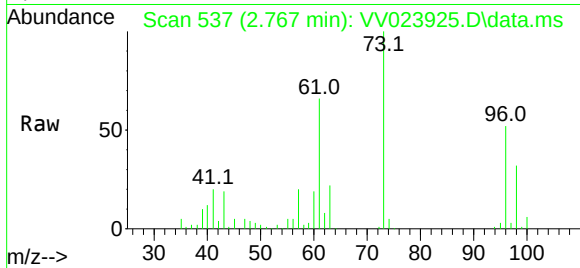




#17
Methyl tert-butyl Ether
Concen: 5.174 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

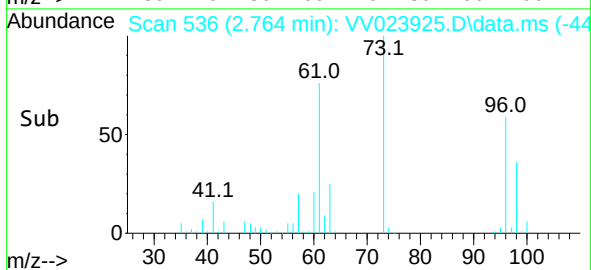
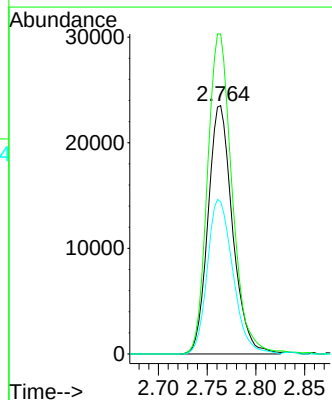
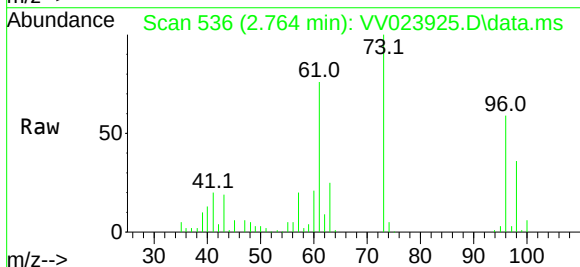
Instrument :
MSVOA_V
ClientSampleId :

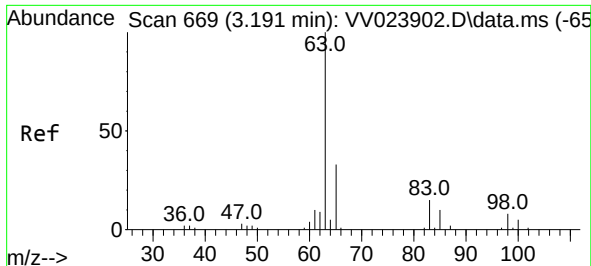
Tgt Ion: 73 Resp: 89444
Ion Ratio Lower Upper
73 100
43 18.5 15.5 23.3
57 20.9 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.865 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

Tgt Ion: 96 Resp: 41168
Ion Ratio Lower Upper
96 100
61 128.9 88.2 163.8
98 61.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.118 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

Instrument :

MSVOA_V

ClientSampleId :

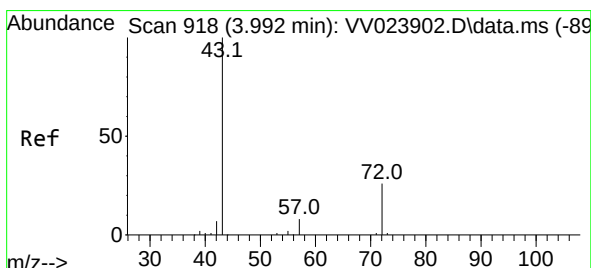
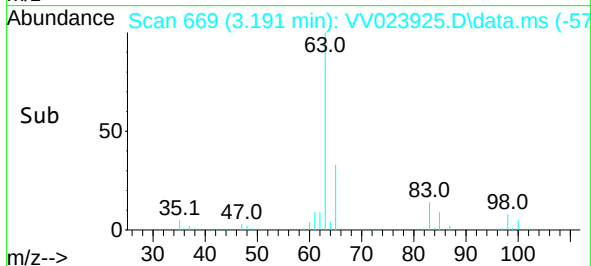
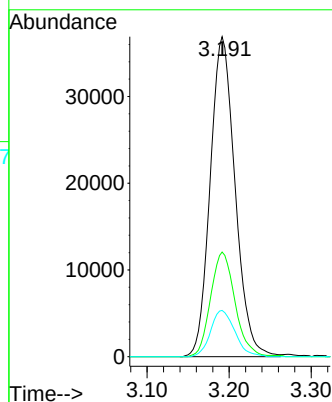
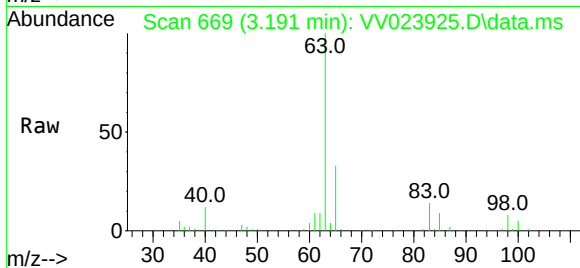
Tgt Ion: 63 Resp: 77734

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.3

83 14.5 10.7 19.9



#21

2-Butanone

Concen: 52.095 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.006 min

Lab File: VV023925.D

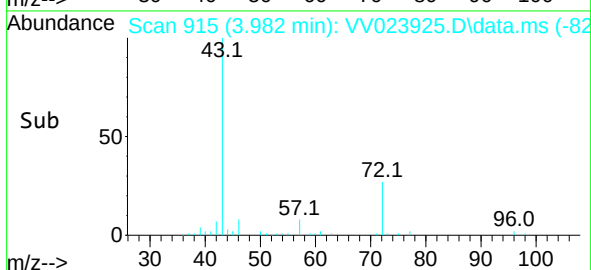
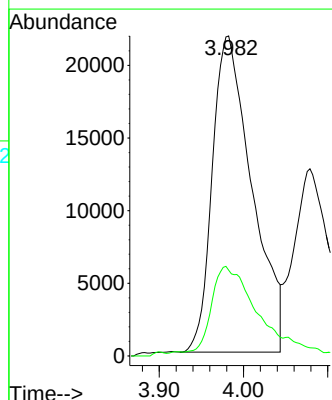
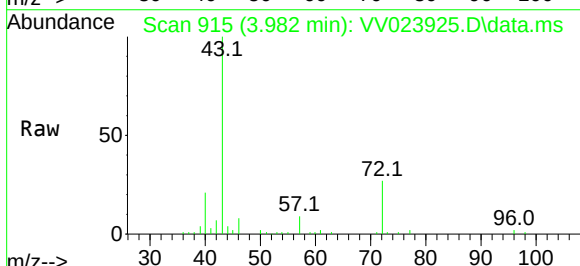
Acq: 11 Dec 2021 07:00

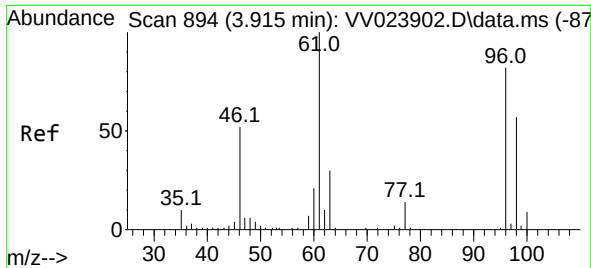
Tgt Ion: 43 Resp: 71264

Ion Ratio Lower Upper

43 100

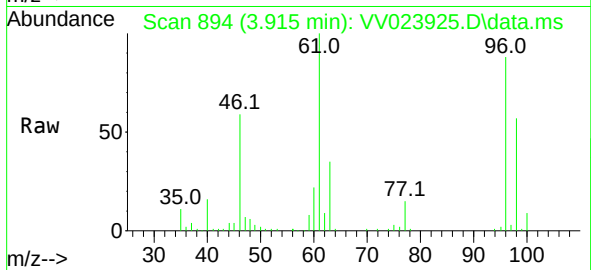
72 30.7 11.1 33.1





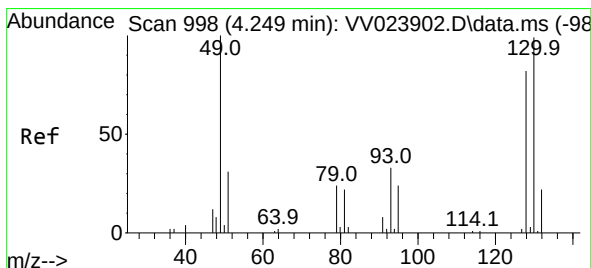
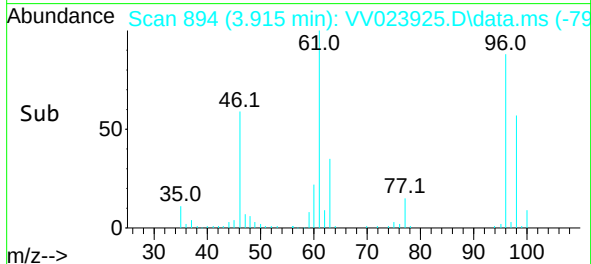
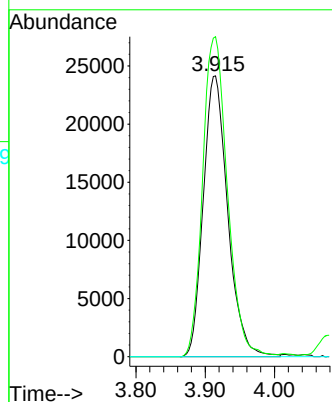
#22
 cis-1,2-Dichloroethene
 Concen: 6.605 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.007 min
 Lab File: VV023925.D
 Acq: 11 Dec 2021 07:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 59163

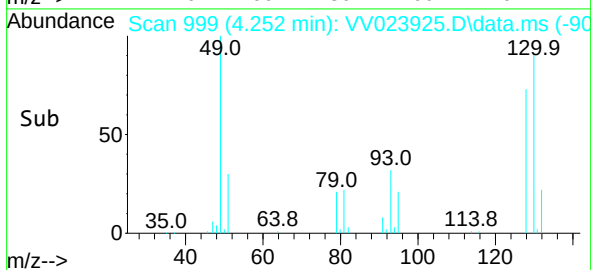
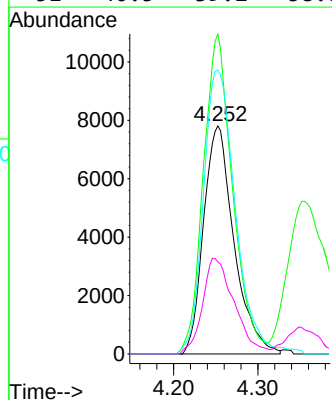
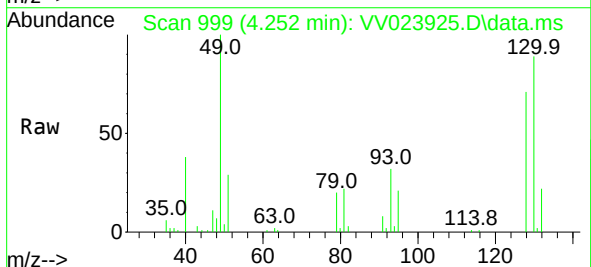
Ion	Ratio	Lower	Upper
96	100		
61	114.0	83.4	154.8
68	0.0	0.0	0.0

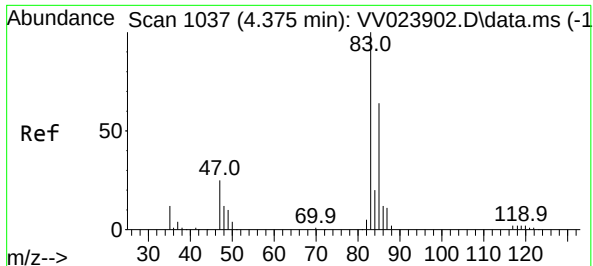


#23
 Bromochloromethane
 Concen: 4.808 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV023925.D
 Acq: 11 Dec 2021 07:00

Tgt Ion: 128 Resp: 19572

Ion	Ratio	Lower	Upper
128	100		
49	140.3	100.2	186.2
130	124.5	92.5	171.7
51	40.5	39.2	58.8





#25

Chloroform

Concen: 4.834 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

Instrument :

MSVOA_V

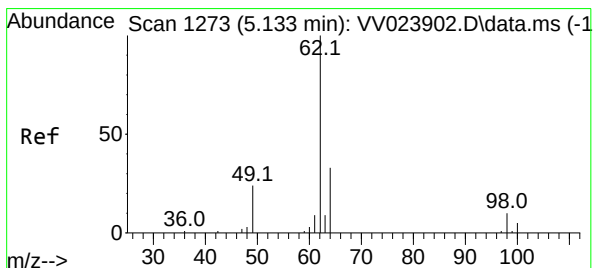
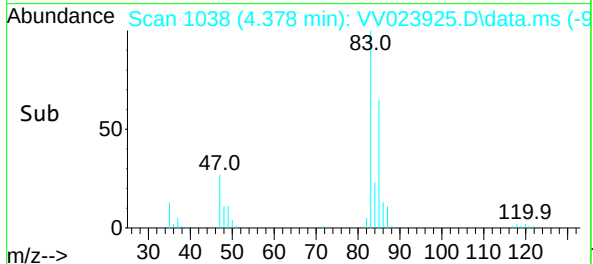
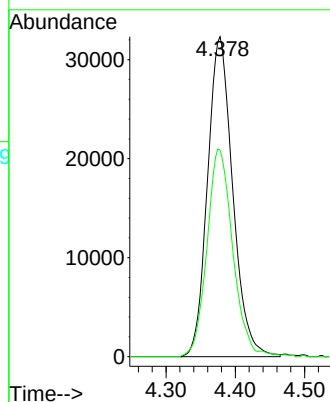
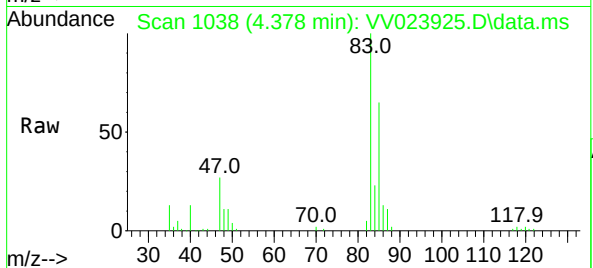
ClientSampleId :

Tgt Ion: 83 Resp: 81617

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.961 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023925.D

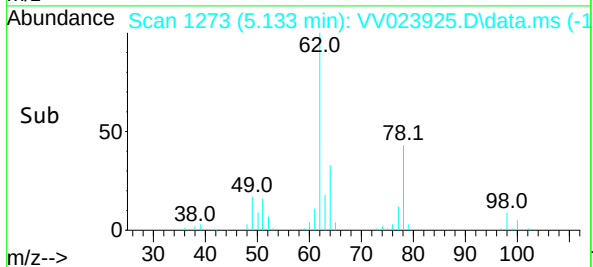
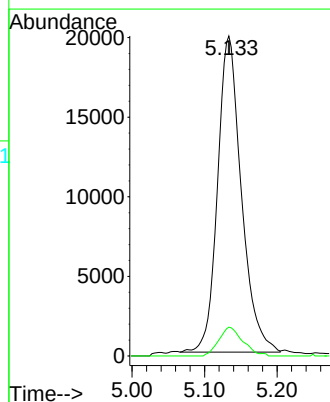
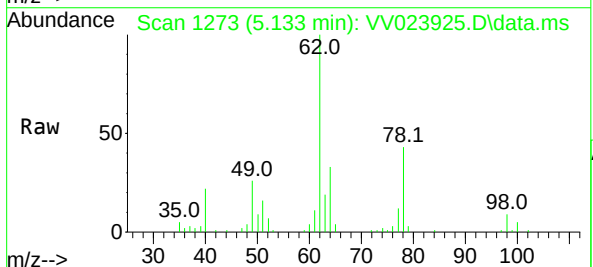
Acq: 11 Dec 2021 07:00

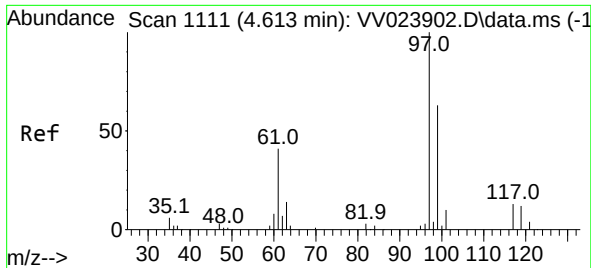
Tgt Ion: 62 Resp: 45380

Ion Ratio Lower Upper

62 100

98 9.0 8.1 12.1

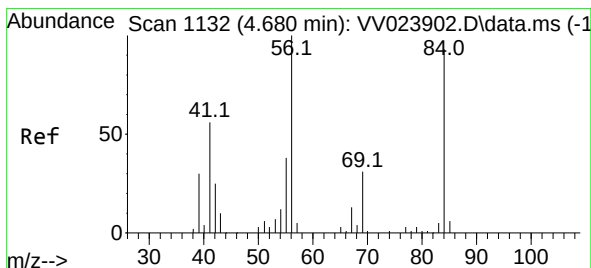
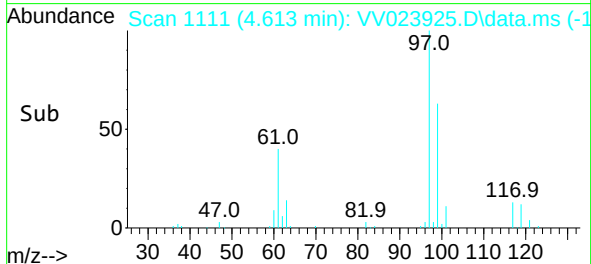
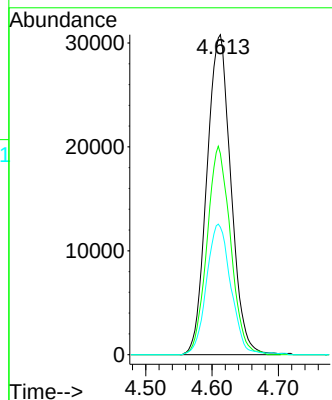
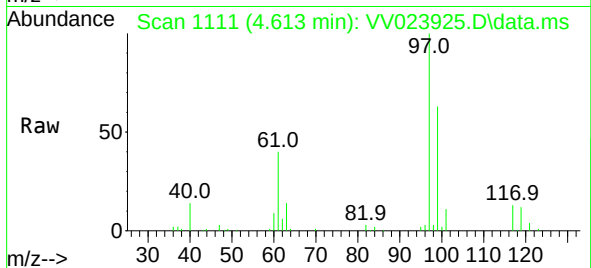




#29
1,1,1-Trichloroethane
Concen: 5.174 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.007 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

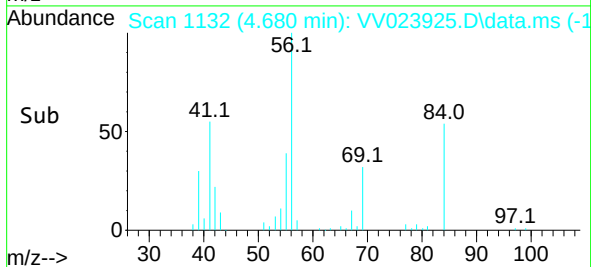
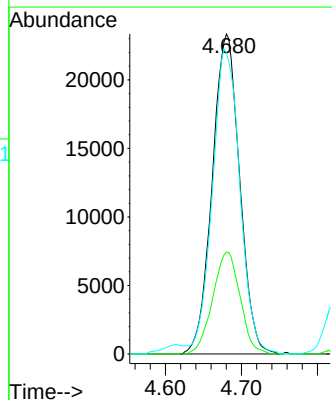
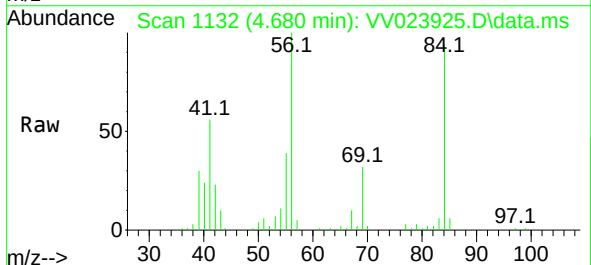
Instrument :
MSVOA_V
ClientSampleId :

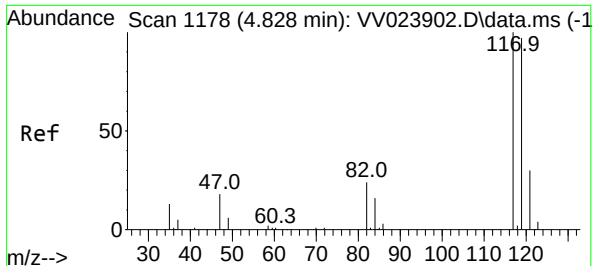
Tgt Ion:	97	Resp:	77622
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.9	77.9
61	41.2	33.2	49.8



#30
Cyclohexane
Concen: 4.906 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.007 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

Tgt Ion:	56	Resp:	58375
Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.8	37.2
84	95.8	75.9	113.9

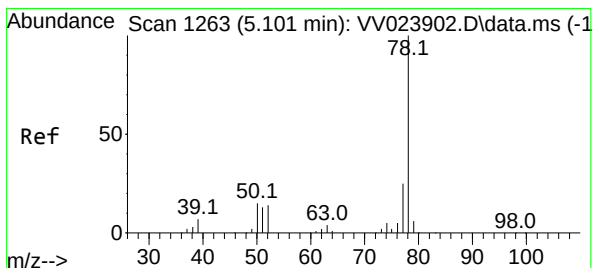
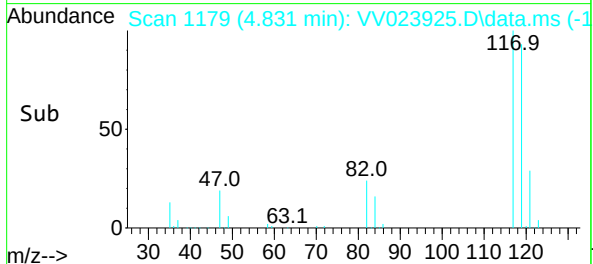
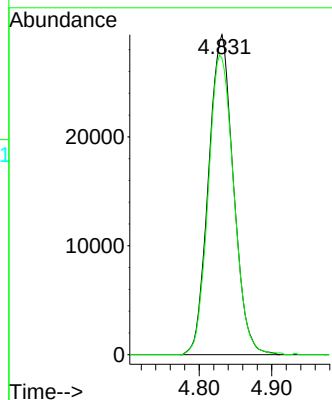
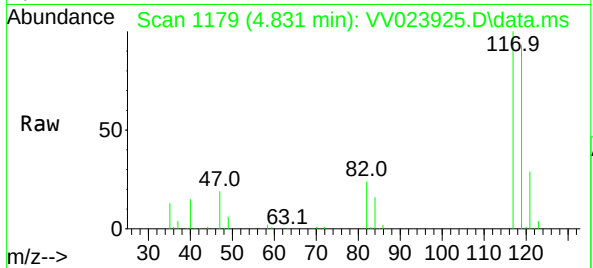




#31
Carbon tetrachloride
Concen: 4.975 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.007 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

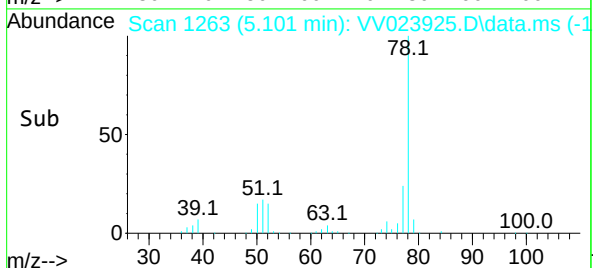
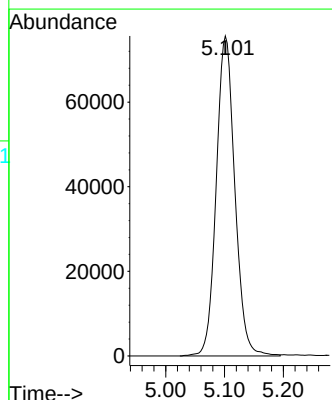
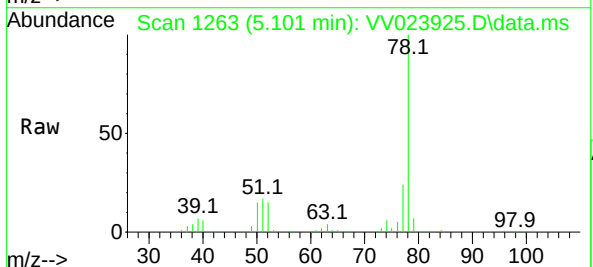
Instrument :
MSVOA_V
ClientSampleId :

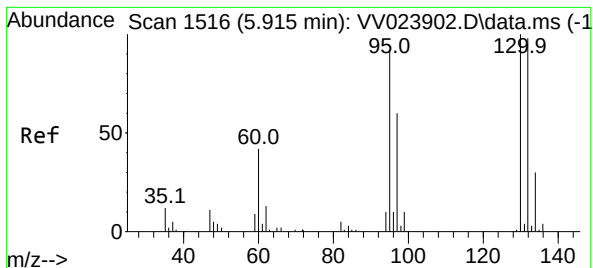
Tgt Ion:117 Resp: 70161
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8



#33
Benzene
Concen: 5.121 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

Tgt Ion: 78 Resp: 166131





#34

Trichloroethene

Concen: 8.287 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

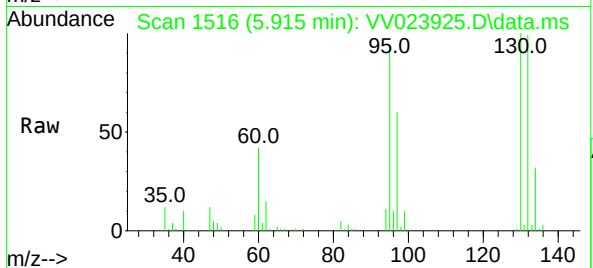
Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 75827

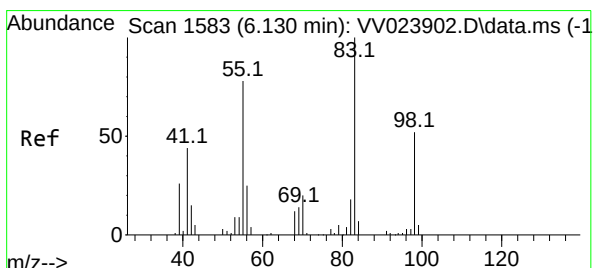
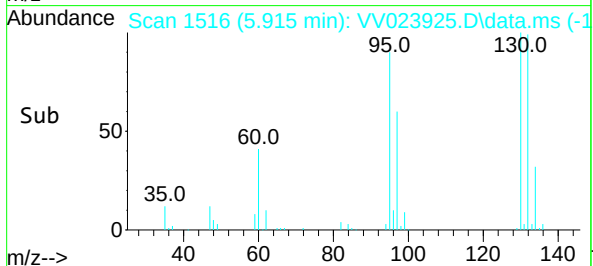
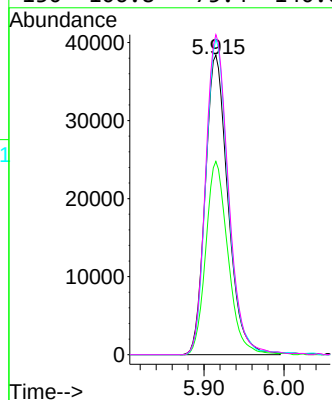
Ion Ratio Lower Upper

95 100

97 64.5 45.2 84.0

132 105.3 76.1 141.3

130 106.8 75.4 140.0



#35

Methylcyclohexane

Concen: 5.030 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

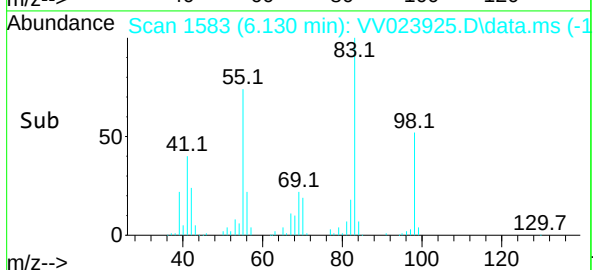
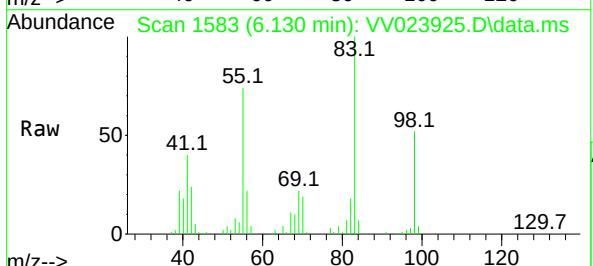
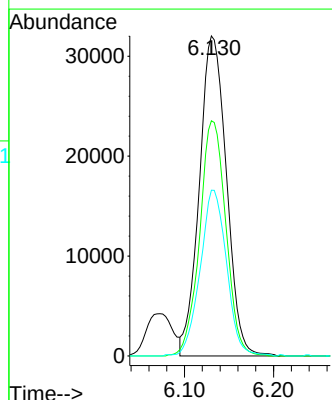
Tgt Ion: 83 Resp: 67738

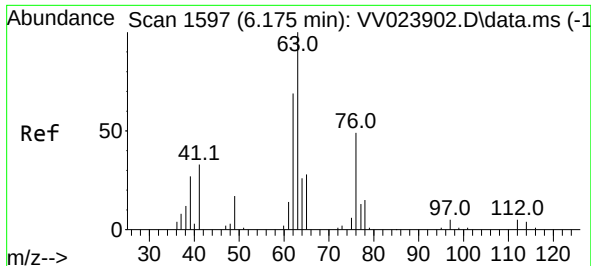
Ion Ratio Lower Upper

83 100

55 71.0 60.2 90.2

98 50.6 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.148 ug/L

RT: 6.175 min Scan# 1597

Delta R.T. 0.007 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

Instrument :

MSVOA_V

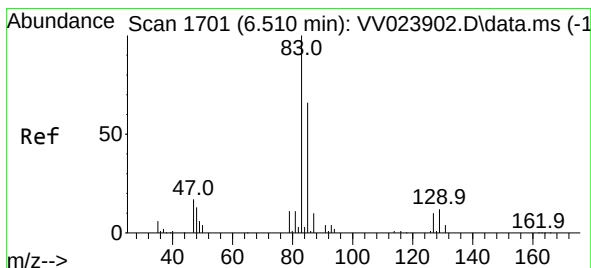
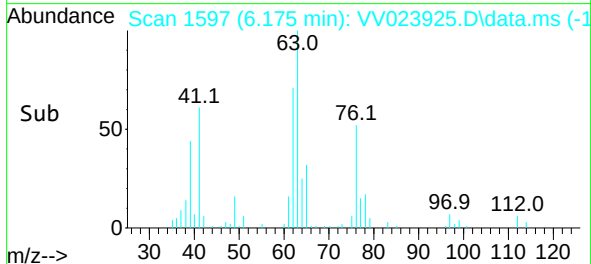
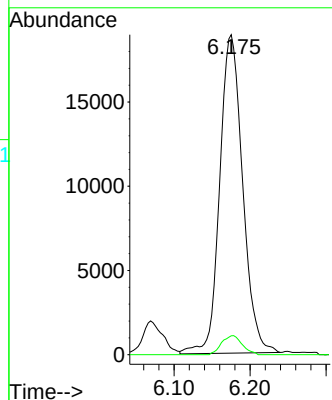
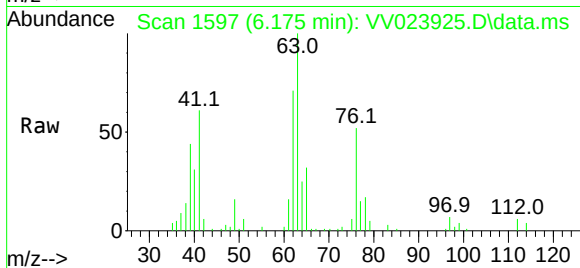
ClientSampleId :

Tgt Ion: 63 Resp: 39692

Ion Ratio Lower Upper

63 100

112 5.4 4.3 6.5



#38

Bromodichloromethane

Concen: 4.901 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

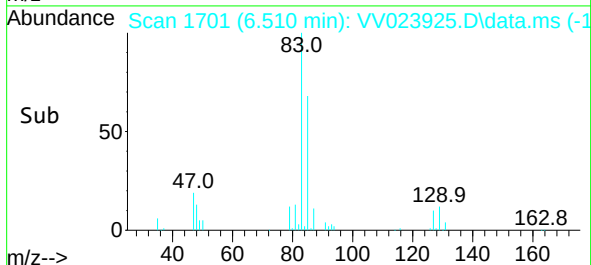
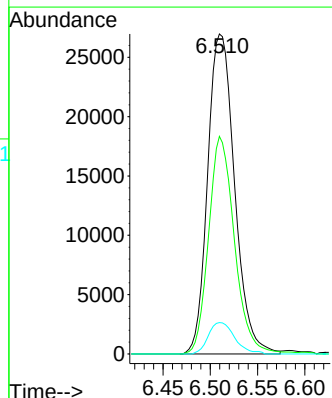
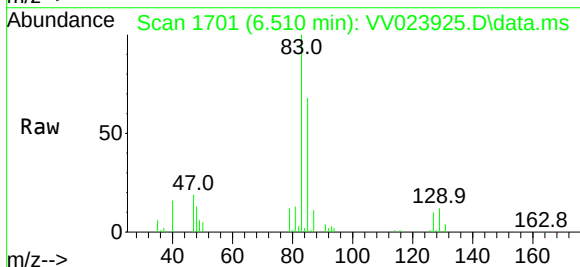
Tgt Ion: 83 Resp: 53528

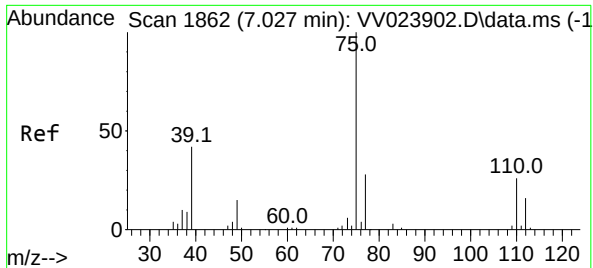
Ion Ratio Lower Upper

83 100

85 68.0 44.0 81.8

127 9.8 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.759 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

Instrument :

MSVOA_V

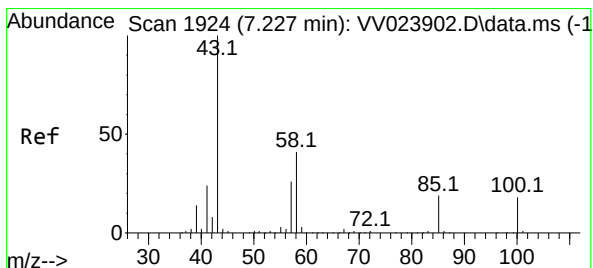
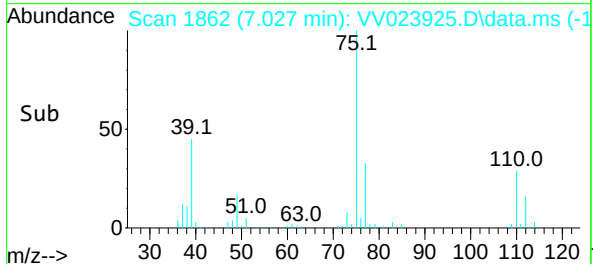
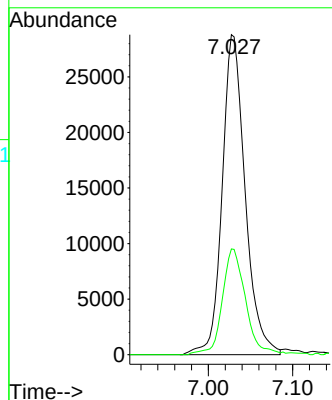
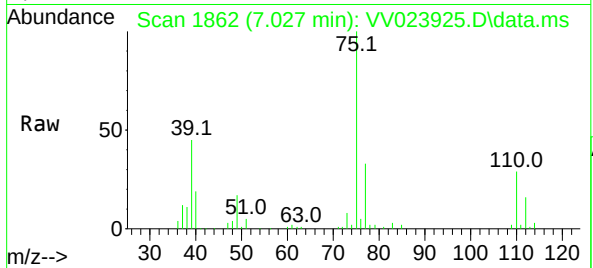
ClientSampleId :

Tgt Ion: 75 Resp: 54466

Ion Ratio Lower Upper

75 100

77 33.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 54.727 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

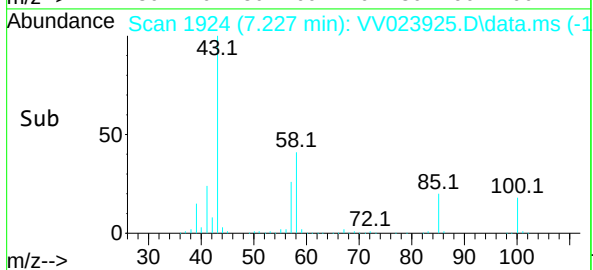
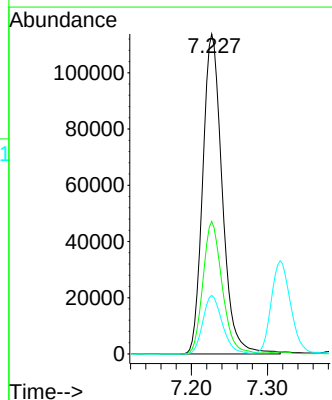
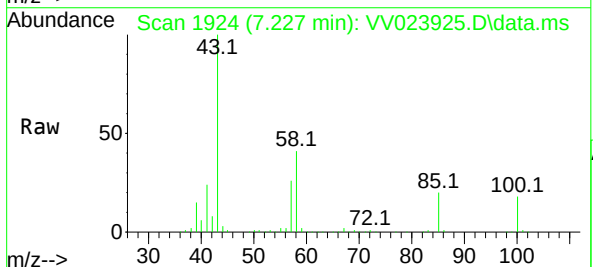
Tgt Ion: 43 Resp: 202692

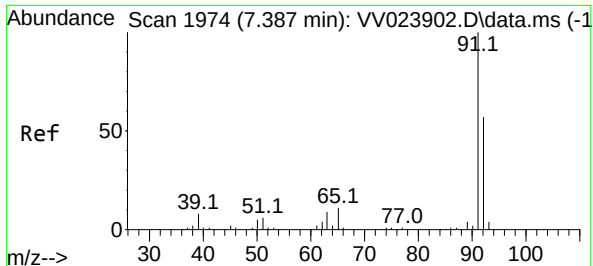
Ion Ratio Lower Upper

43 100

58 40.9 32.3 48.5

100 18.2 13.0 19.6





#42

Toluene

Concen: 5.156 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

Instrument :

MSVOA_V

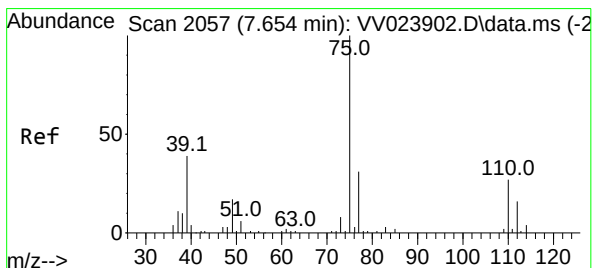
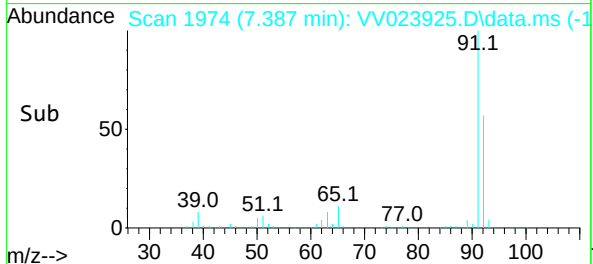
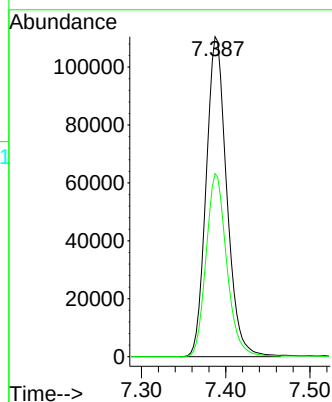
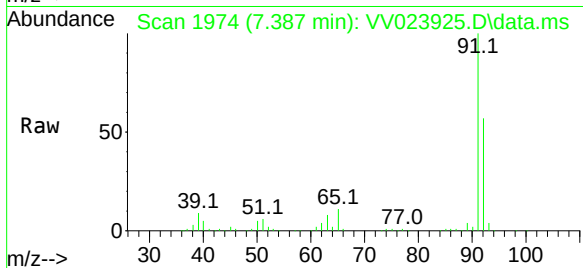
ClientSampleId :

Tgt Ion: 91 Resp: 188222

Ion Ratio Lower Upper

91 100

92 57.2 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.795 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023925.D

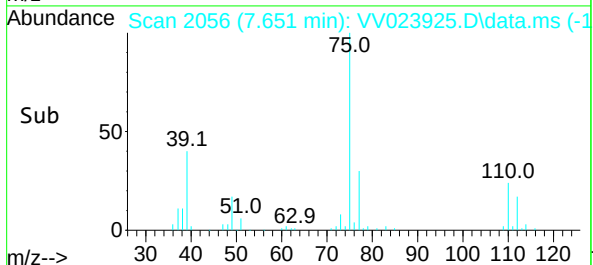
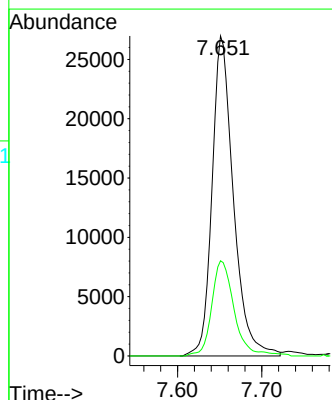
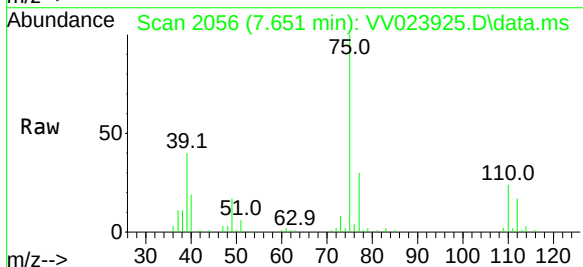
Acq: 11 Dec 2021 07:00

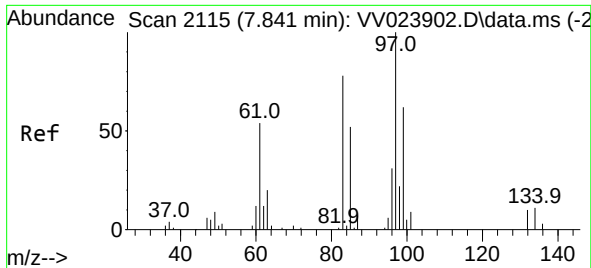
Tgt Ion: 75 Resp: 47441

Ion Ratio Lower Upper

75 100

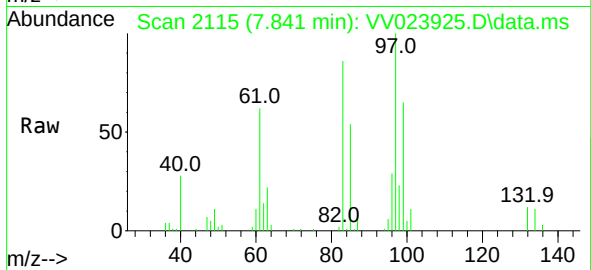
77 29.7 21.8 40.4





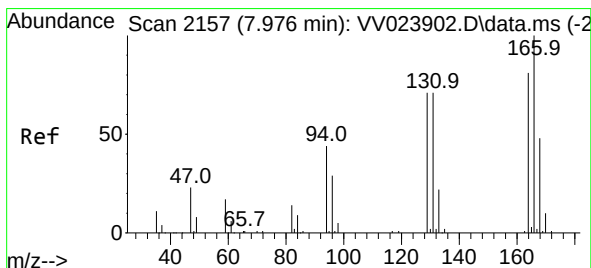
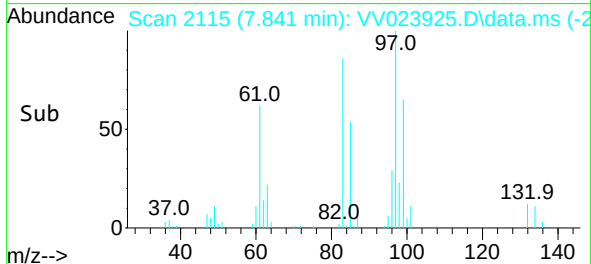
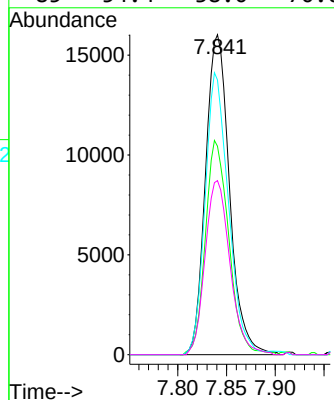
#45
 1,1,2-Trichloroethane
 Concen: 4.818 ug/L
 RT: 7.841 min Scan# 2115
 Delta R.T. 0.003 min
 Lab File: VV023925.D
 Acq: 11 Dec 2021 07:00

Instrument :
 MSVOA_V
 ClientSampleId :

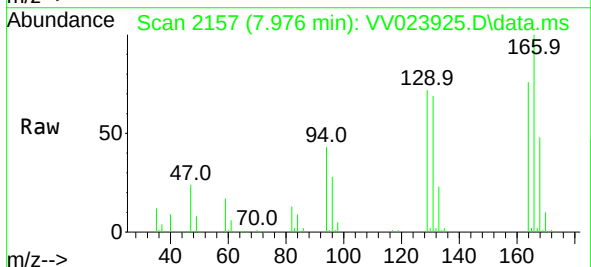


Tgt Ion: 97 Resp: 27480

Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.1	80.1
83	85.8	57.9	107.5
85	54.4	38.0	70.6

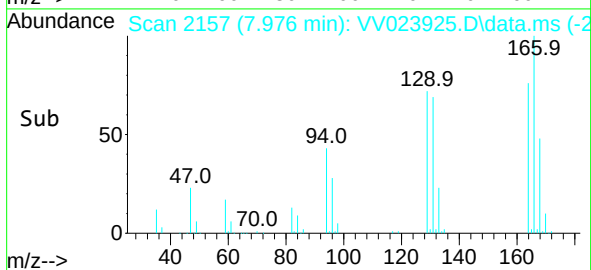
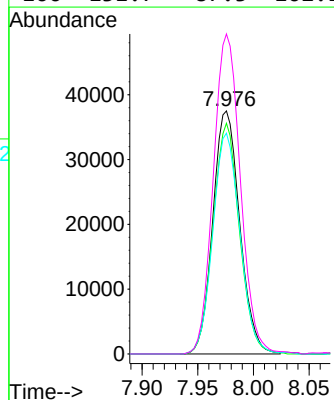


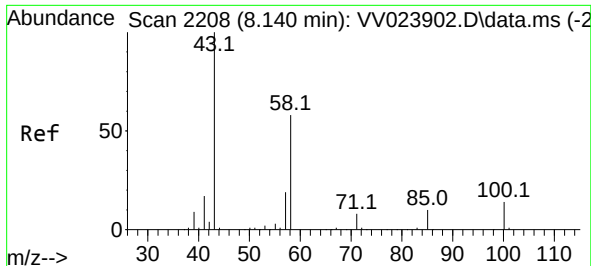
#47
 Tetrachloroethene
 Concen: 7.832 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.000 min
 Lab File: VV023925.D
 Acq: 11 Dec 2021 07:00



Tgt Ion: 164 Resp: 63086

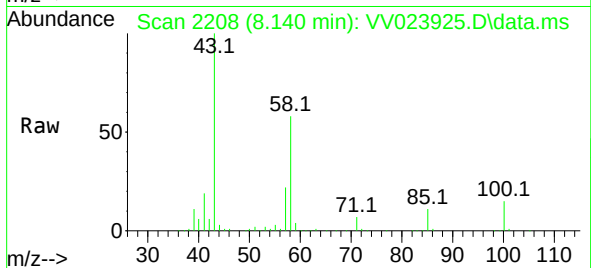
Ion	Ratio	Lower	Upper
164	100		
129	94.9	62.6	116.2
131	90.8	61.0	113.4
166	131.7	87.3	162.1



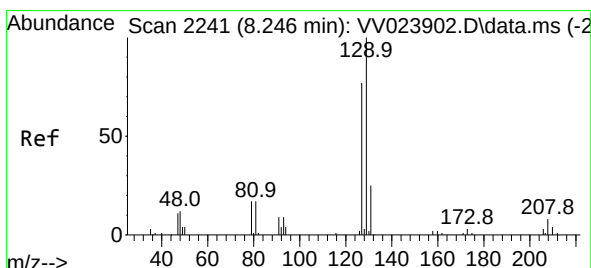
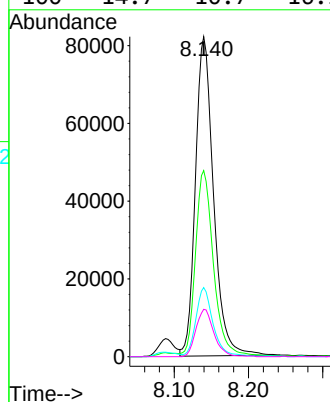
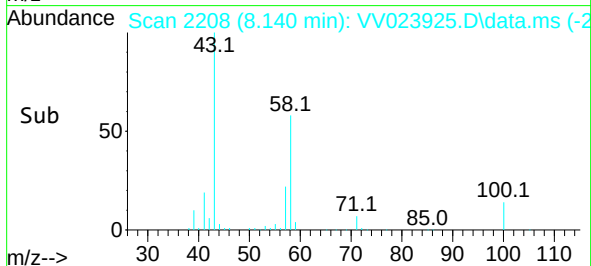


#48
2-Hexanone
Concen: 52.007 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

Instrument :
MSVOA_V
ClientSampleId :

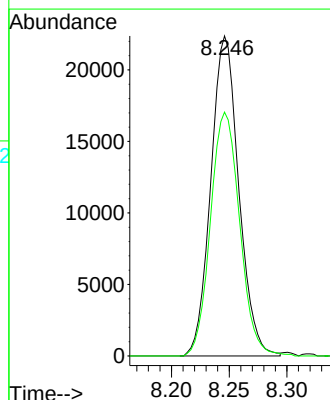
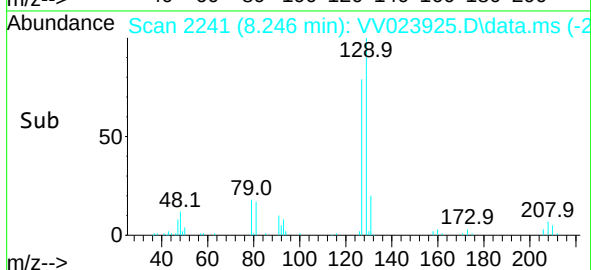
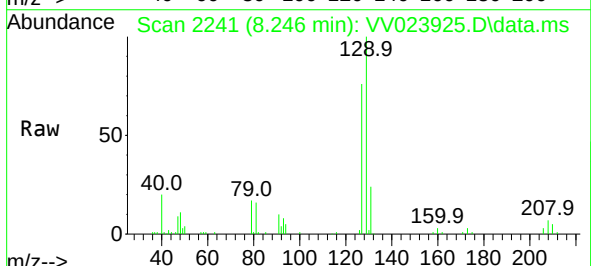


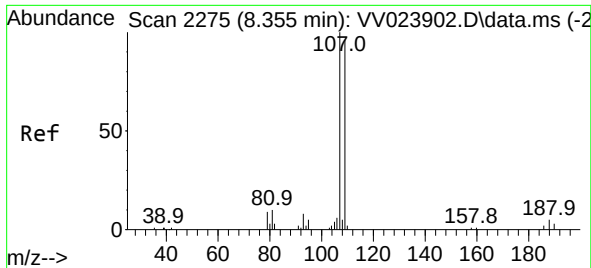
Tgt Ion: 43 Resp: 139664
Ion Ratio Lower Upper
43 100
58 58.0 44.5 66.7
57 20.3 15.1 22.7
100 14.7 10.7 16.1



#49
Dibromochloromethane
Concen: 4.858 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

Tgt Ion: 129 Resp: 37698
Ion Ratio Lower Upper
129 100
127 76.2 53.5 99.3

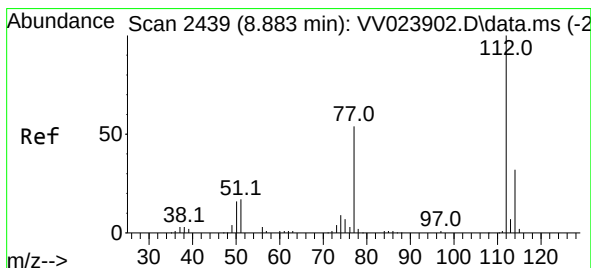
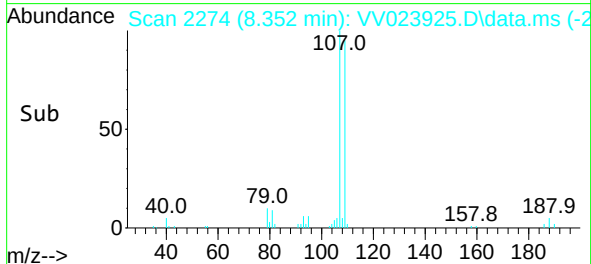
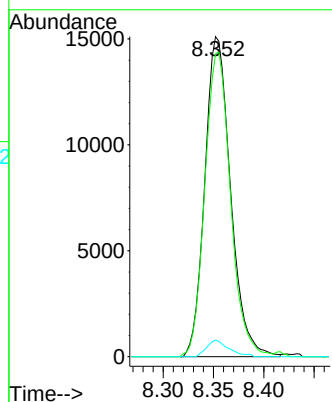
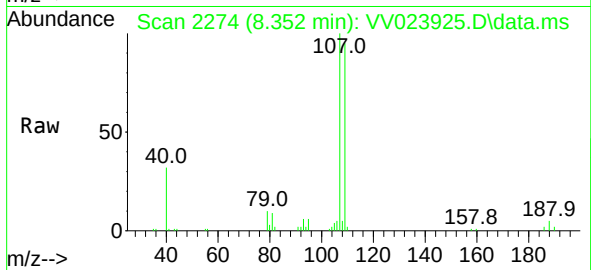




#50
1,2-Dibromoethane
Concen: 5.083 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

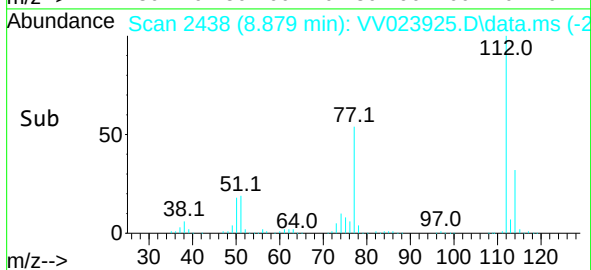
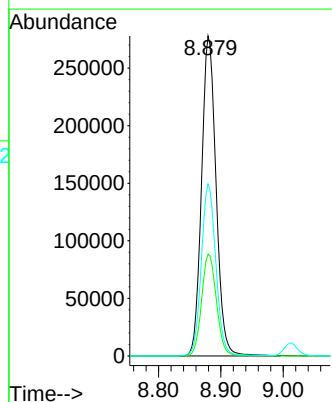
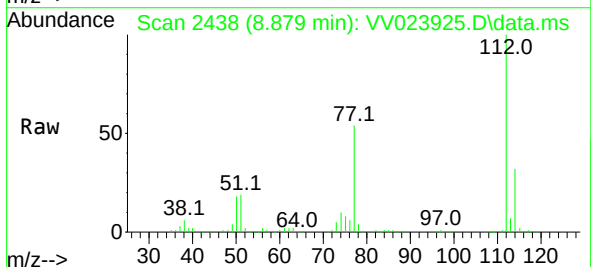
Instrument :
MSVOA_V
ClientSampleId :

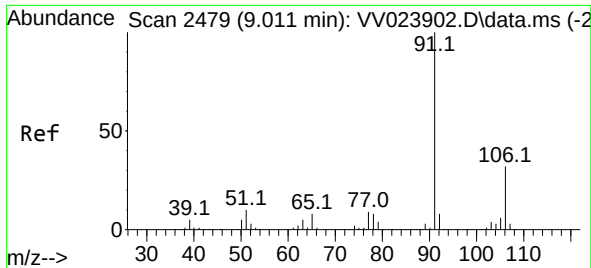
Tgt Ion:107 Resp: 26919
Ion Ratio Lower Upper
107 100
109 94.7 62.5 116.1
188 5.2 3.4 5.2#



#51
Chlorobenzene
Concen: 18.448 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

Tgt Ion:112 Resp: 450148
Ion Ratio Lower Upper
112 100
114 31.8 23.3 43.3
77 53.8 43.3 64.9

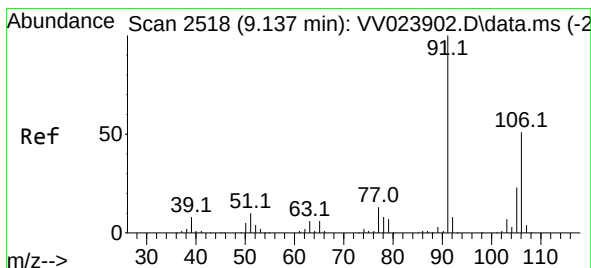
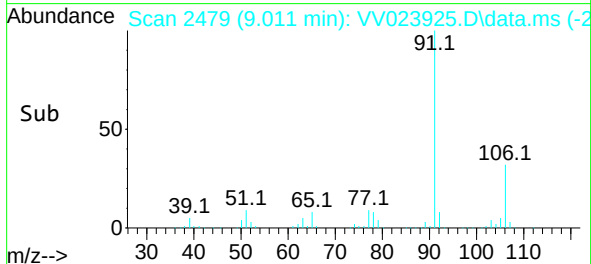
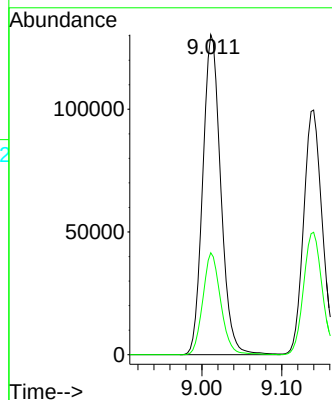
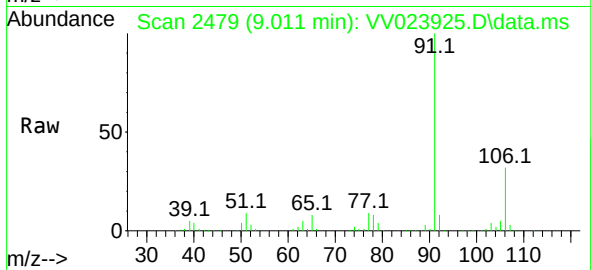




#52
Ethylbenzene
Concen: 5.325 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

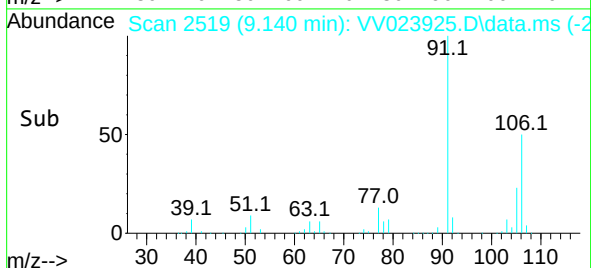
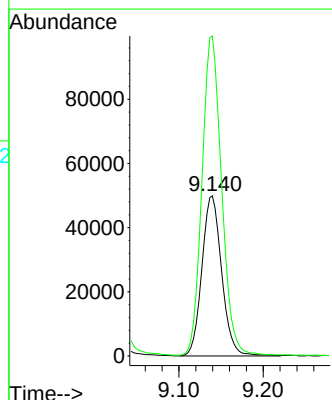
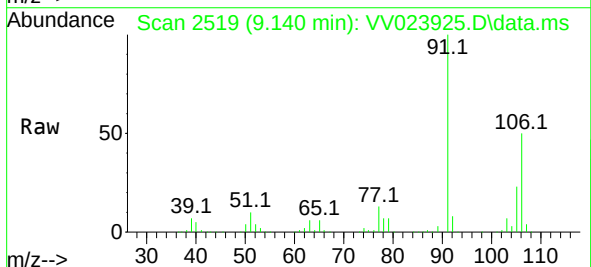
Instrument :
MSVOA_V
ClientSampleId :

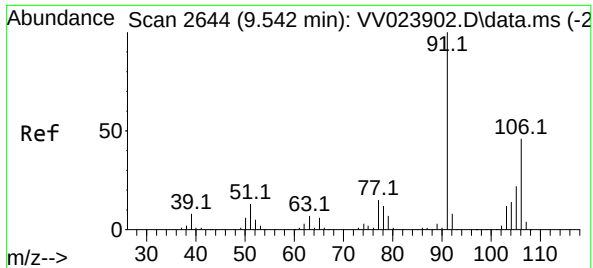
Tgt Ion: 91 Resp: 205126
Ion Ratio Lower Upper
91 100
106 31.9 22.0 41.0



#53
m,p-xylene
Concen: 5.356 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

Tgt Ion: 106 Resp: 81595
Ion Ratio Lower Upper
106 100
91 199.8 139.5 259.1

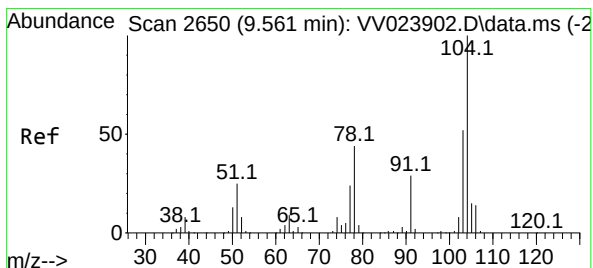
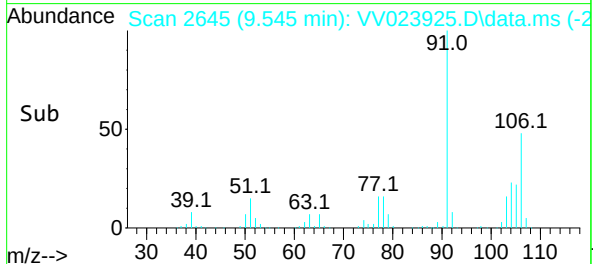
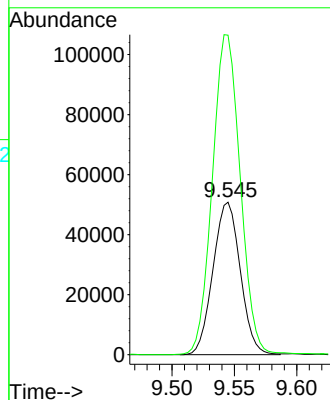
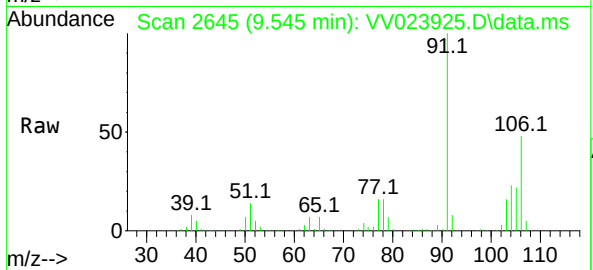




#54
o-xylene
Concen: 5.257 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

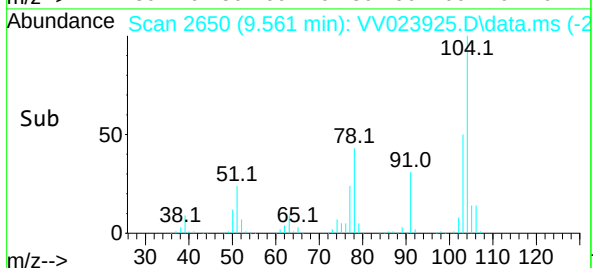
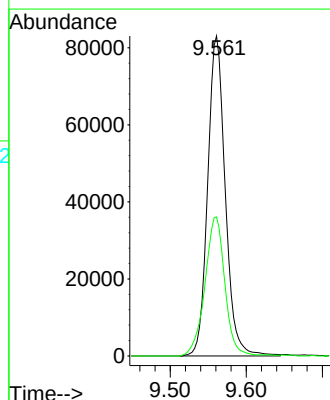
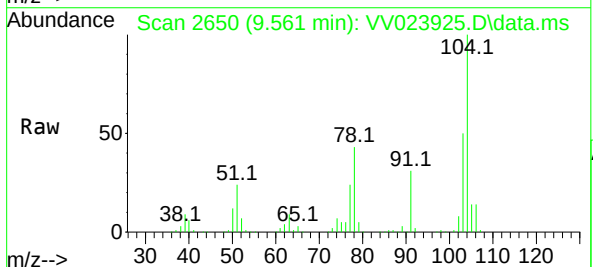
Instrument :
MSVOA_V
ClientSampleId :

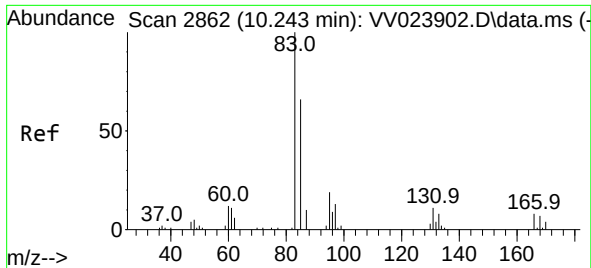
Tgt Ion:106 Resp: 77441
Ion Ratio Lower Upper
106 100
91 209.5 147.9 274.7



#55
Styrene
Concen: 5.439 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

Tgt Ion:104 Resp: 133382
Ion Ratio Lower Upper
104 100
78 43.5 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.001 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

Instrument :

MSVOA_V

ClientSampleId :

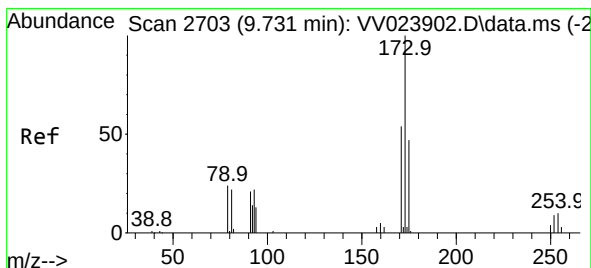
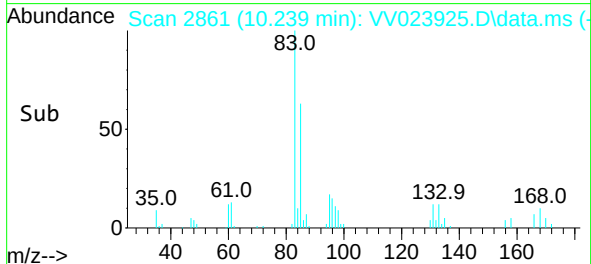
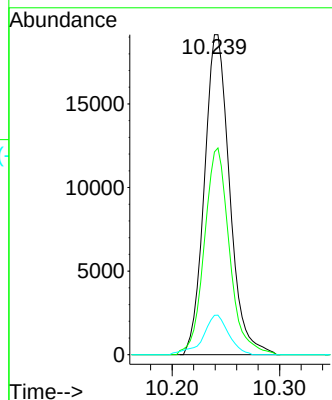
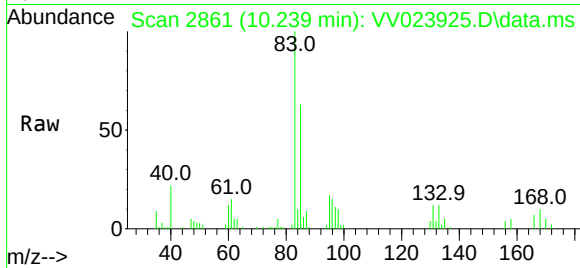
Tgt Ion: 83 Resp: 31239

Ion Ratio Lower Upper

83 100

85 63.4 44.6 82.8

131 12.3 8.3 12.5



#59

Bromoform

Concen: 4.326 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

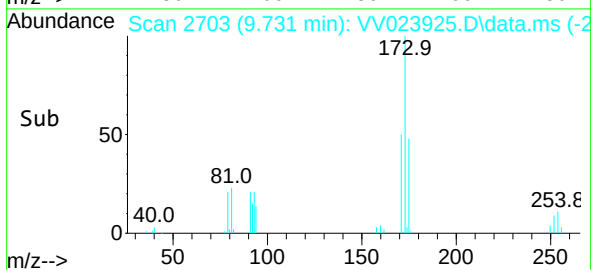
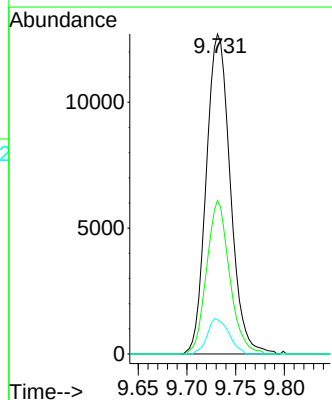
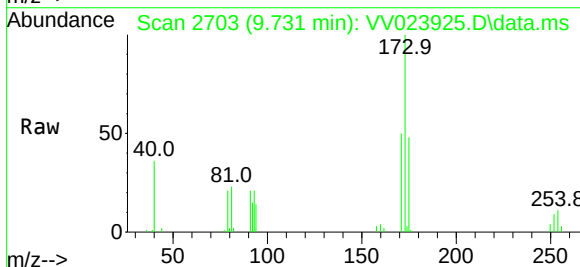
Tgt Ion: 173 Resp: 21788

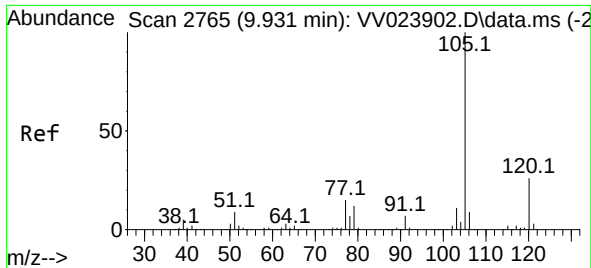
Ion Ratio Lower Upper

173 100

175 45.8 39.4 59.2

254 9.9 7.4 11.0

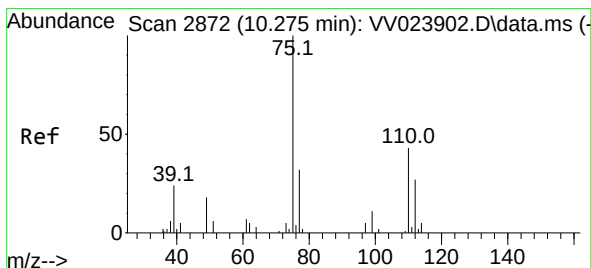
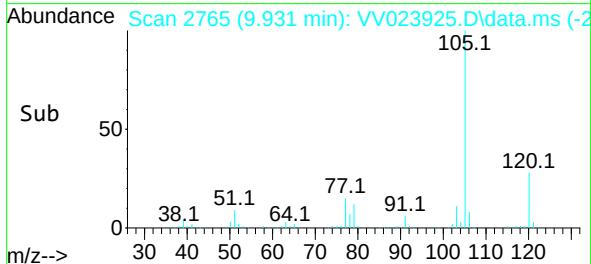
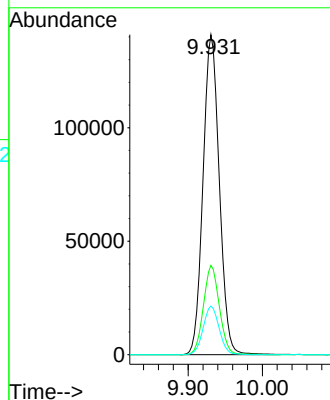
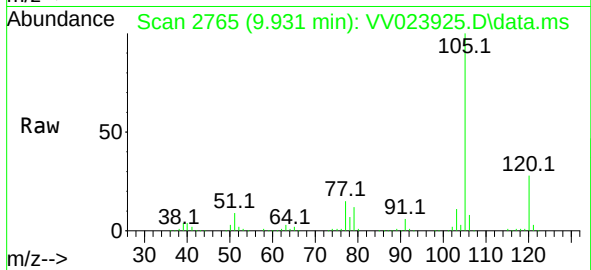




#60
Isopropylbenzene
Concen: 4.649 ug/L
RT: 9.931 min Scan# 214232
Delta R.T. 0.000 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

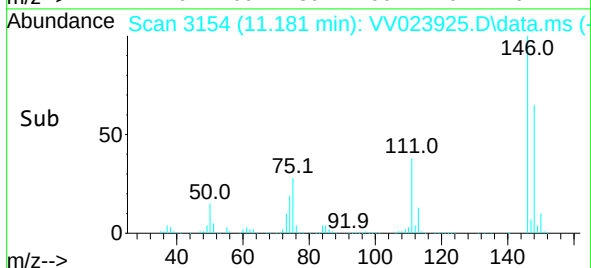
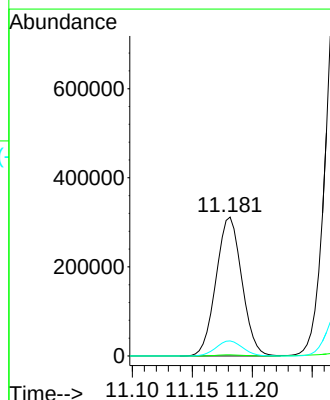
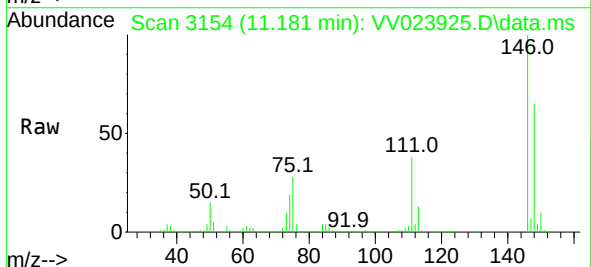
Instrument :
MSVOA_V
ClientSampleId :

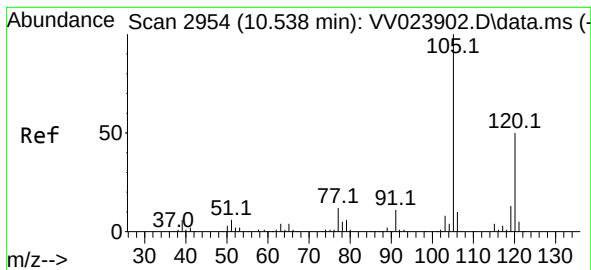
Tgt Ion:105 Resp: 214232
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.0
77 14.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 87.207 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.910 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

Tgt Ion: 75 Resp: 466230
Ion Ratio Lower Upper
75 100
77 4.7 26.4 39.6#
110 11.1 34.2 51.2#





#62

1,3,5-Trimethylbenzene

Concen: 4.783 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

Instrument :

MSVOA_V

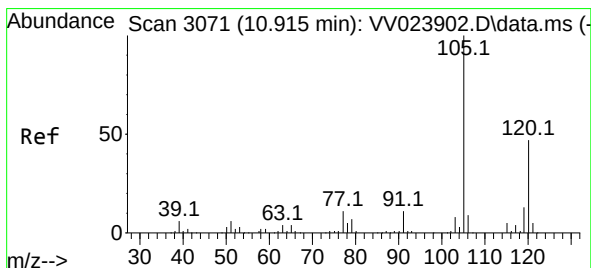
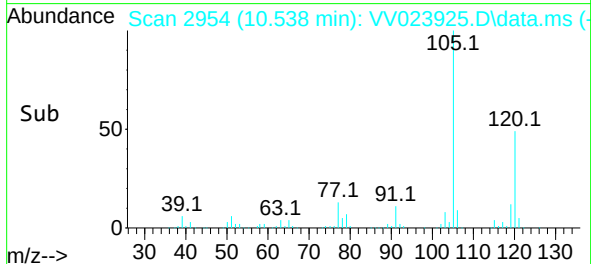
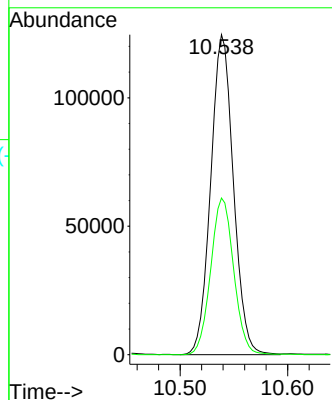
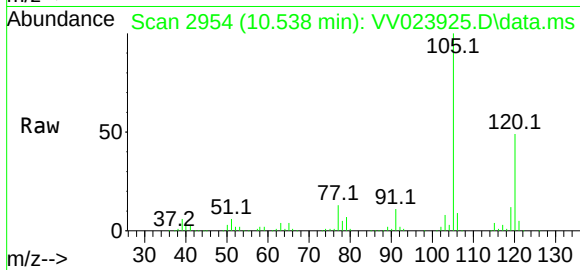
ClientSampleId :

Tgt Ion:105 Resp: 182807

Ion Ratio Lower Upper

105 100

120 49.7 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.844 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023925.D

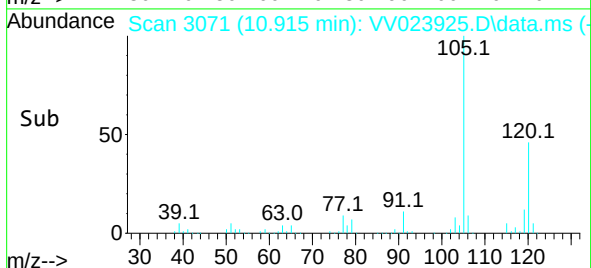
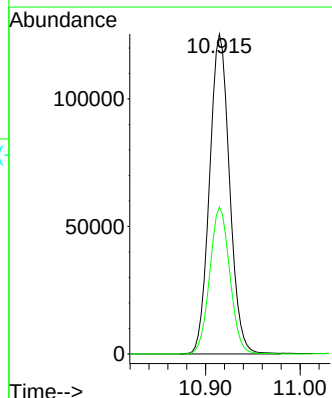
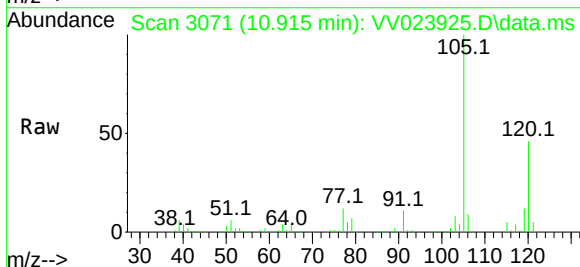
Acq: 11 Dec 2021 07:00

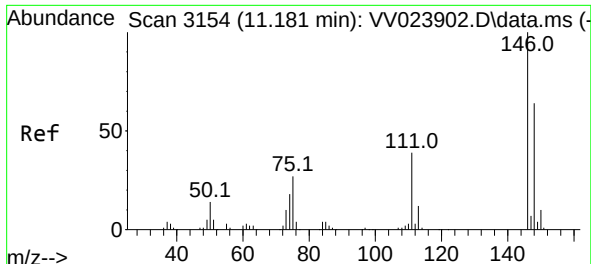
Tgt Ion:105 Resp: 184450

Ion Ratio Lower Upper

105 100

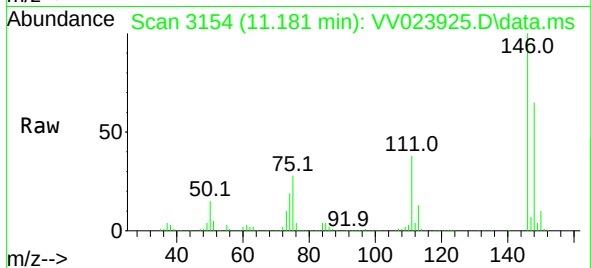
120 46.1 36.7 55.1



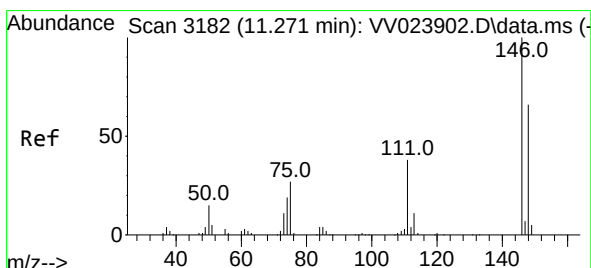
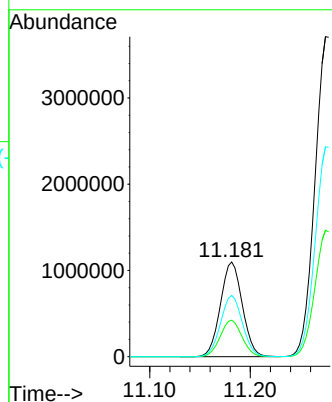
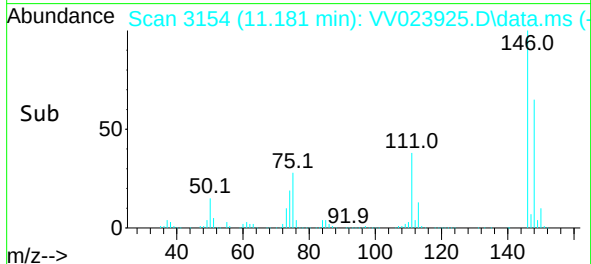


#64
1,3-Dichlorobenzene
Concen: 70.296 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

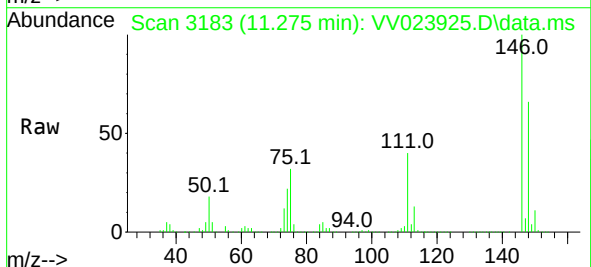
Instrument :
MSVOA_V
ClientSampleId :



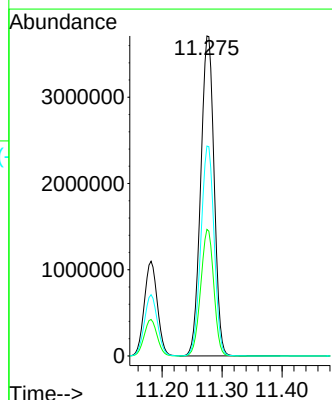
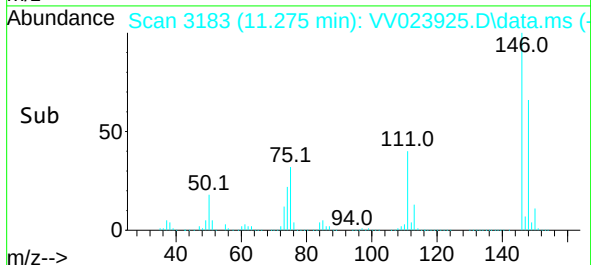
Tgt Ion:146 Resp: 1656573
Ion Ratio Lower Upper
146 100
111 38.5 26.3 48.9
148 64.7 44.4 82.5

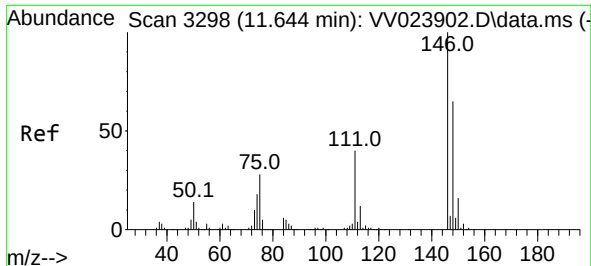


#65
1,4-Dichlorobenzene
Concen: 244.085 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00



Tgt Ion:146 Resp: 5777157
Ion Ratio Lower Upper
146 100
111 39.5 25.6 47.6
148 65.6 44.8 83.2

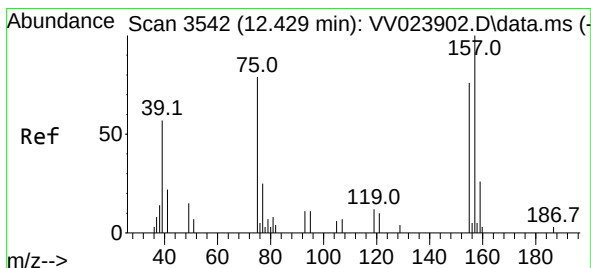
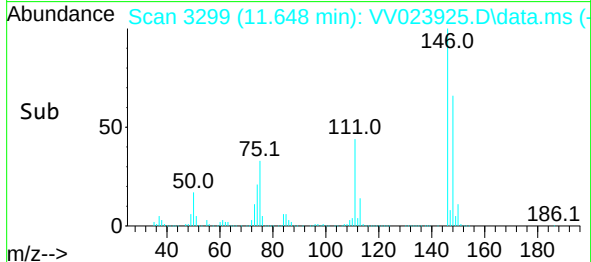
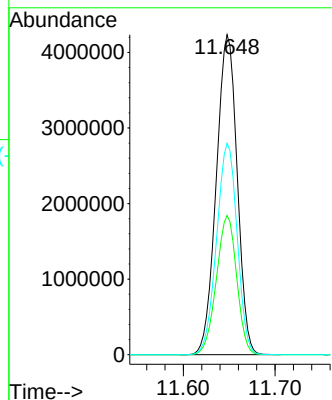
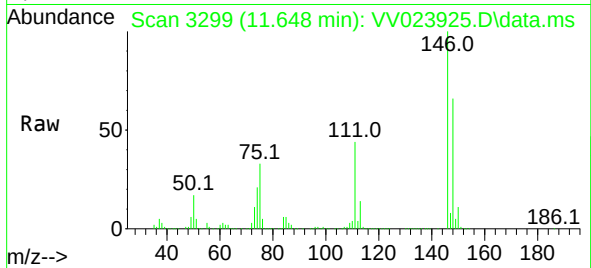




#67
1,2-Dichlorobenzene
Concen: 310.277 ug/L
RT: 11.648 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

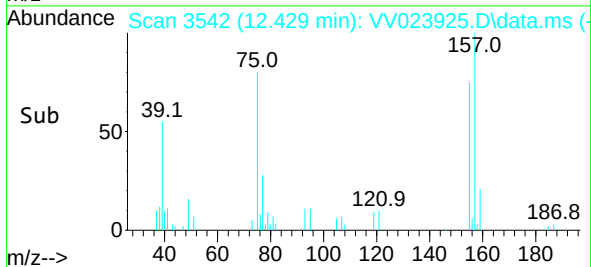
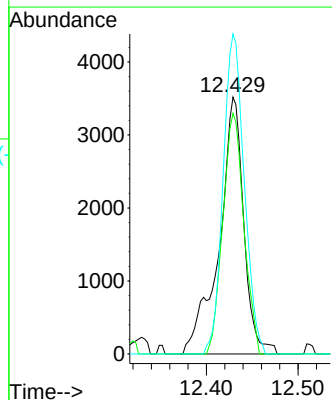
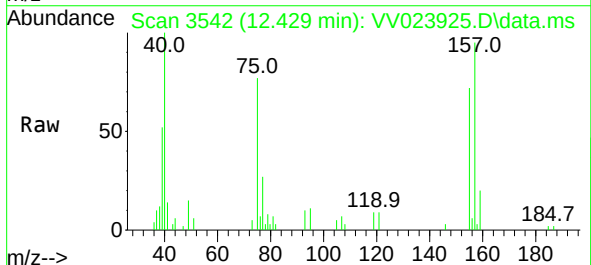
Instrument :
MSVOA_V
ClientSampleId :

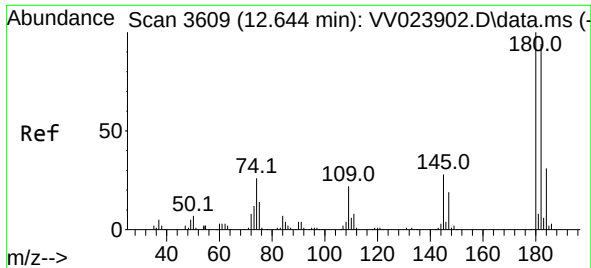
Tgt Ion:146 Resp: 6698873
Ion Ratio Lower Upper
146 100
111 43.5 31.9 47.9
148 66.1 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.627 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV023925.D
Acq: 11 Dec 2021 07:00

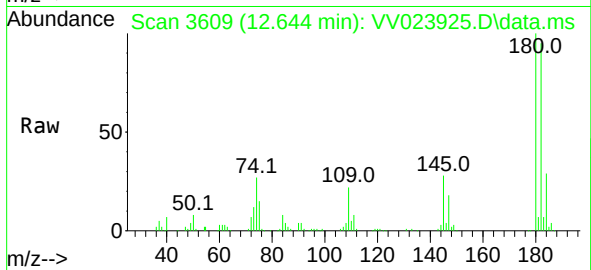
Tgt Ion: 75 Resp: 6570
Ion Ratio Lower Upper
75 100
155 93.7 71.7 107.5
157 124.6 103.3 154.9



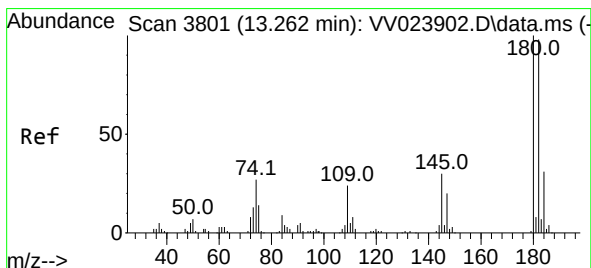
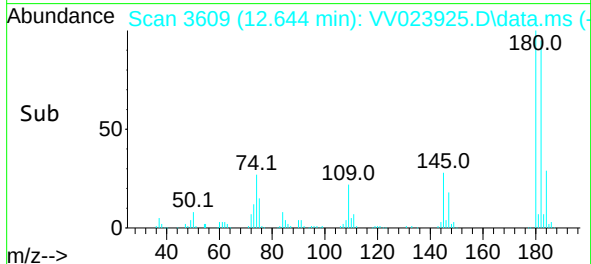
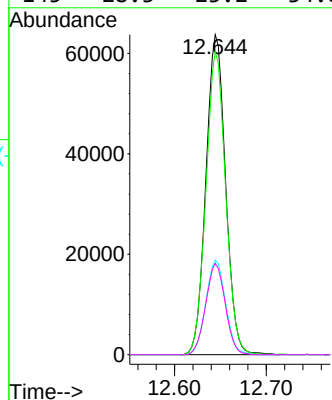


#69
 1,3,5-Trichlorobenzene
 Concen: 4.895 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023925.D
 Acq: 11 Dec 2021 07:00

Instrument :
 MSVOA_V
 ClientSampleId :

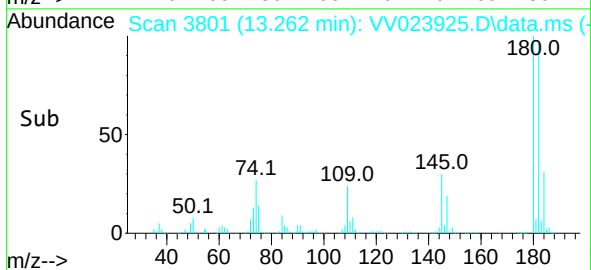
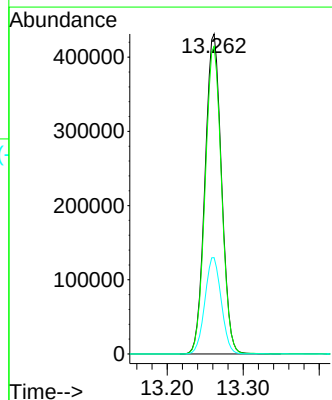
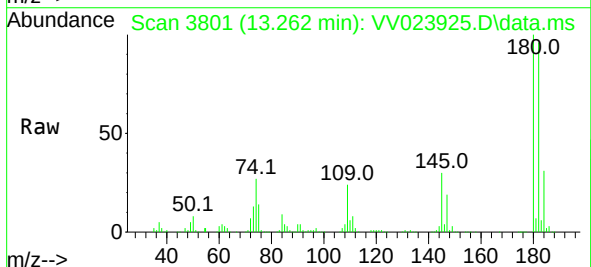


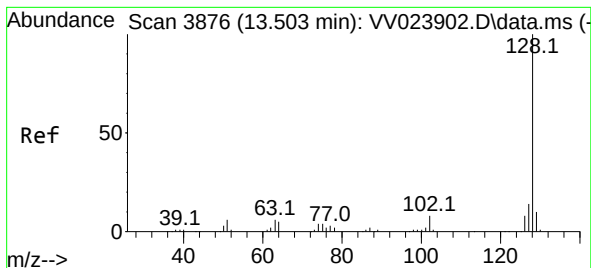
Tgt Ion:180 Resp: 94883
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.4 114.6
 184 29.8 24.2 36.4
 145 28.3 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 42.663 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023925.D
 Acq: 11 Dec 2021 07:00

Tgt Ion:180 Resp: 649463
 Ion Ratio Lower Upper
 180 100
 182 95.4 74.4 111.6
 145 30.0 23.3 34.9





#71

Naphthalene

Concen: 4.825 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

Instrument :

MSVOA_V

ClientSampleId :

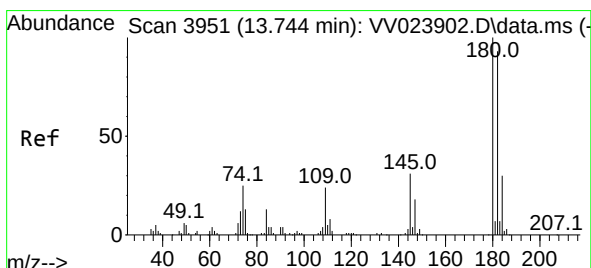
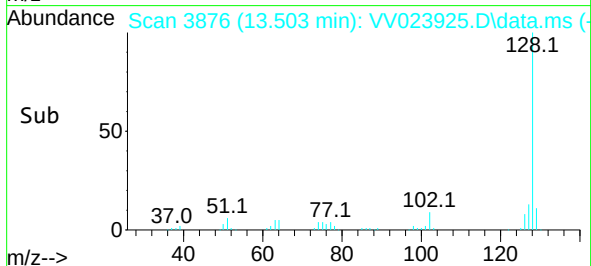
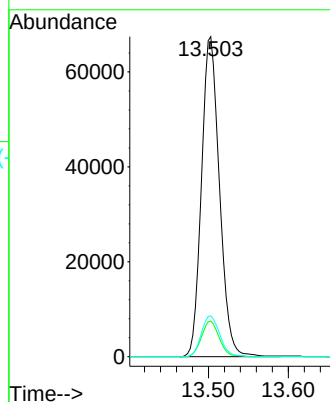
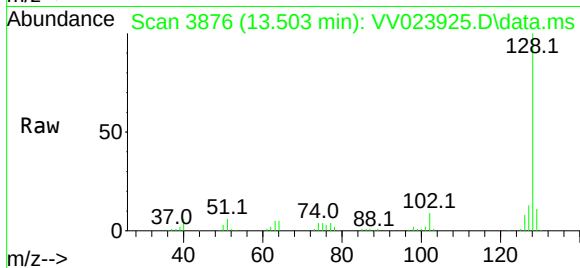
Tgt Ion:128 Resp: 105560

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.1 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 26.208 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023925.D

Acq: 11 Dec 2021 07:00

Tgt Ion:180 Resp: 352228

Ion Ratio Lower Upper

180 100

182 97.2 76.8 115.2

145 32.0 25.8 38.6

