

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023926.D
 Acq On : 11 Dec 2021 07:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 23:59:00 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	114726	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116482	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70232	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26394	4.279	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.571	69	24356	4.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.114	63	56154	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.902	46	76942	63.855	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.700%
24) Chloroform-d	4.352	84	64909	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.037	65	31509	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.053	84	109702	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.072	67	32918	4.729	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.317	98	98453	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.625	79	13416	4.646	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.091	63	66162	51.183	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28360	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	45561	4.857	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	47758	4.783	ug/L	99
3) Chloromethane	1.243	50	39802	4.665	ug/L	94
5) Vinyl chloride	1.310	62	45002	4.863	ug/L	98
6) Bromomethane	1.523	94	27633	4.699	ug/L	99
8) Chloroethane	1.587	64	28118	4.670	ug/L	97
9) Trichlorofluoromethane	1.754	101	79961	4.973	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	41093	4.852	ug/L	99
12) 1,1-Dichloroethene	2.121	96	37116	4.822	ug/L	95
13) Acetone	2.198	43	51641	53.569	ug/L	76
14) Carbon disulfide	2.297	76	102506	4.591	ug/L	99
15) Methyl Acetate	2.445	43	13126	5.617	ug/L	100
16) Methylene chloride	2.510	84	46281	4.596	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	89129	5.121	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	41111	4.825	ug/L	96
19) 1,1-Dichloroethane	3.191	63	73561	4.810	ug/L	98
21) 2-Butanone	3.989	43	76070	55.228	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	45003	4.990	ug/L	99
23) Bromochloromethane	4.256	128	20689	5.048	ug/L	91
25) Chloroform	4.378	83	80754	4.750	ug/L	99

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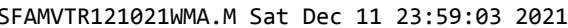
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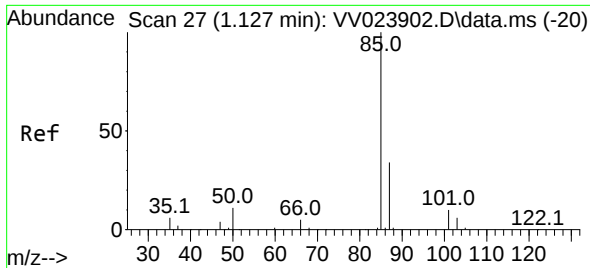
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	44582	4.840	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	78790	5.170	ug/L	98
30) Cyclohexane	4.680	56	58763	4.862	ug/L	98
31) Carbon tetrachloride	4.831	117	69071	4.822	ug/L	96
33) Benzene	5.101	78	164576	4.994	ug/L	100
34) Trichloroethene	5.915	95	44385	4.775	ug/L	97
35) Methylcyclohexane	6.130	83	65908	4.818	ug/L	98
37) 1,2-Dichloropropane	6.175	63	38749	4.947	ug/L	98
38) Bromodichloromethane	6.510	83	55258	4.981	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	56019	4.818	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	197168	52.407	ug/L	98
42) Toluene	7.387	91	187088	5.045	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	48792	4.855	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	28175	4.862	ug/L	98
47) Tetrachloroethene	7.976	164	42001	5.133	ug/L	92
48) 2-Hexanone	8.140	43	141915	52.022	ug/L	98
49) Dibromochloromethane	8.246	129	38645	4.902	ug/L	100
50) 1,2-Dibromoethane	8.352	107	27056	5.029	ug/L	96
51) Chlorobenzene	8.882	112	135312	5.459	ug/L	97
52) Ethylbenzene	9.011	91	199499	5.099	ug/L	100
53) m,p-xylene	9.136	106	80660	5.212	ug/L	98
54) o-xylene	9.542	106	75750	5.062	ug/L	96
55) Styrene	9.561	104	130804	5.251	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	30675	4.835	ug/L	100
59) Bromoform	9.731	173	21859	4.850	ug/L	98
60) Isopropylbenzene	9.931	105	210831	5.113	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	22729	4.751	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	175757	5.138	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	179150	5.257	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	124389	5.898	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	155427	7.338	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	154415	7.992	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5213	4.989	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	85332	4.920	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	80523	5.911	ug/L	97
71) Naphthalene	13.503	128	95170	4.860	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	65591	5.453	ug/L	100

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

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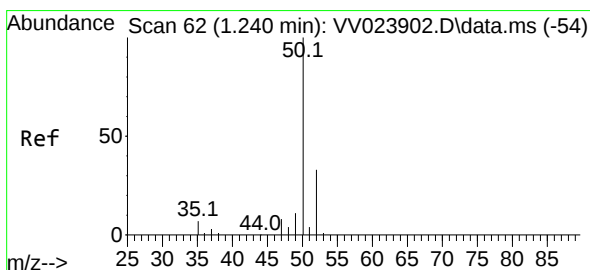
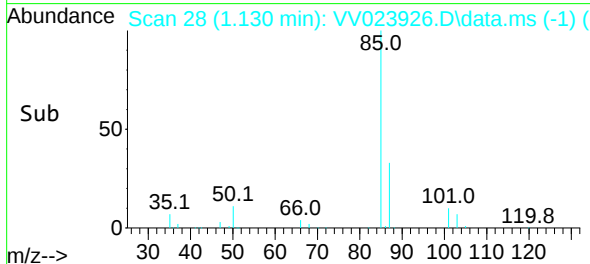
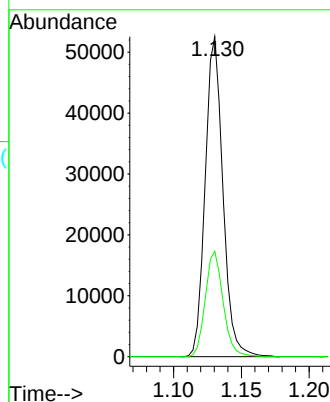
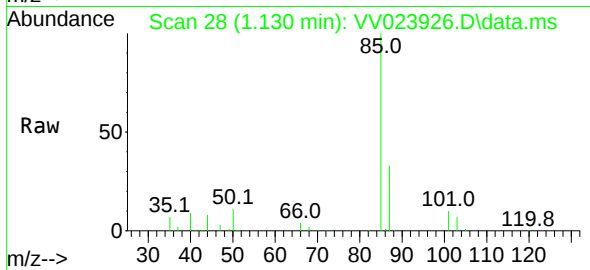




#2
 Dichlorodifluoromethane
 Concen: 4.783 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023926.D
 Acq: 11 Dec 2021 07:48

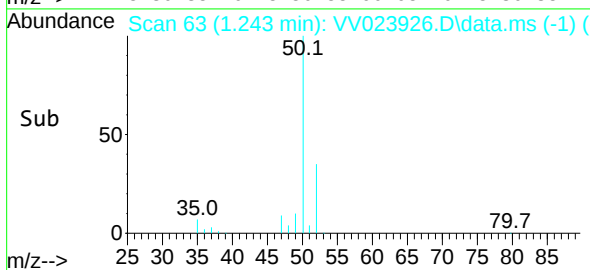
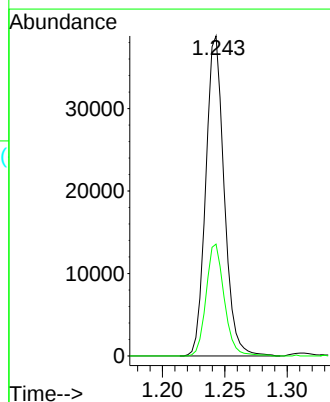
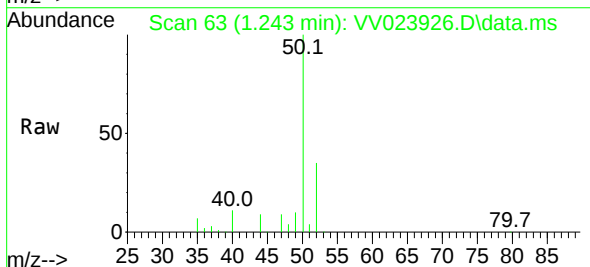
Instrument :
 MSVOA_V
 ClientSampleId :

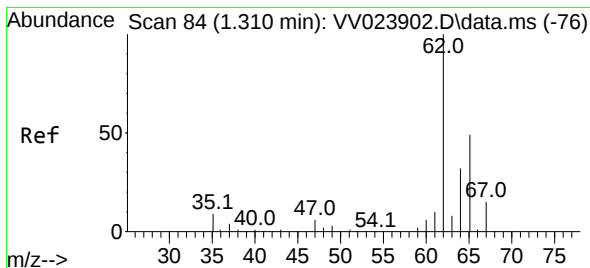
Tgt Ion: 85 Resp: 47758
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.0 39.0



#3
 Chloromethane
 Concen: 4.665 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023926.D
 Acq: 11 Dec 2021 07:48

Tgt Ion: 50 Resp: 39802
 Ion Ratio Lower Upper
 50 100
 52 34.9 22.0 41.0





#5

Vinyl chloride

Concen: 4.863 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

Instrument :

MSVOA_V

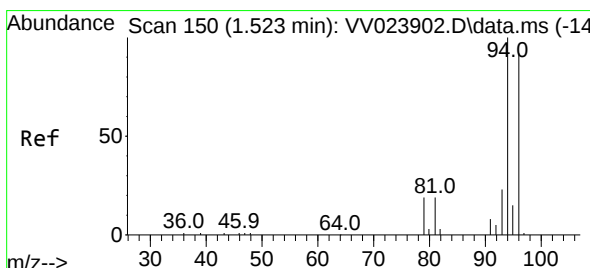
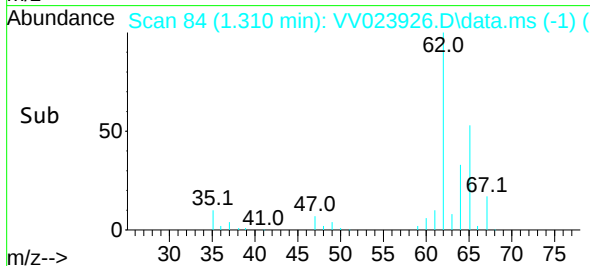
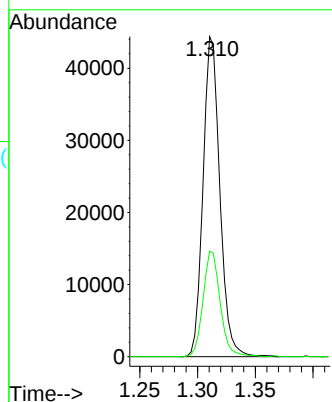
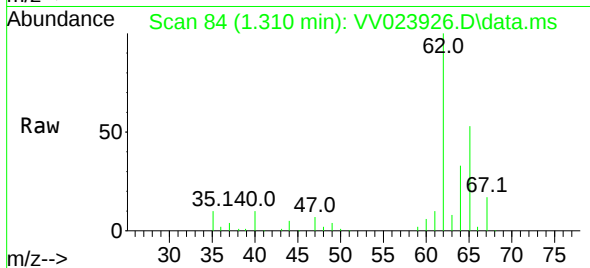
ClientSampleId :

Tgt Ion: 62 Resp: 45002

Ion Ratio Lower Upper

62 100

64 33.0 22.4 41.6



#6

Bromomethane

Concen: 4.699 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.000 min

Lab File: VV023926.D

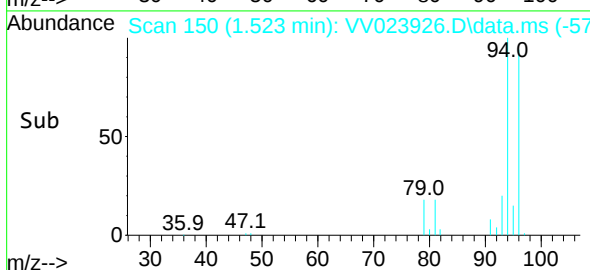
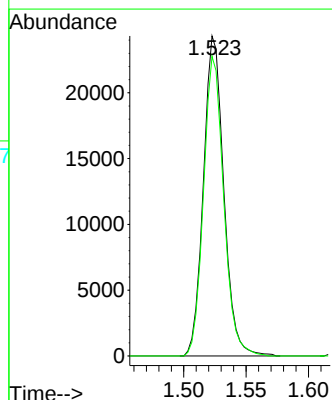
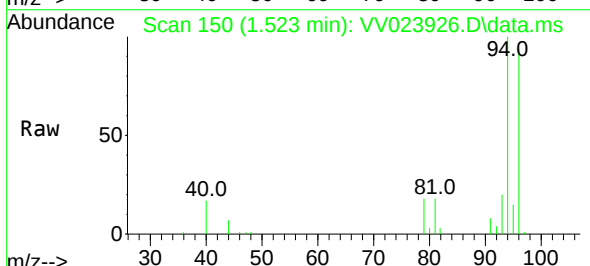
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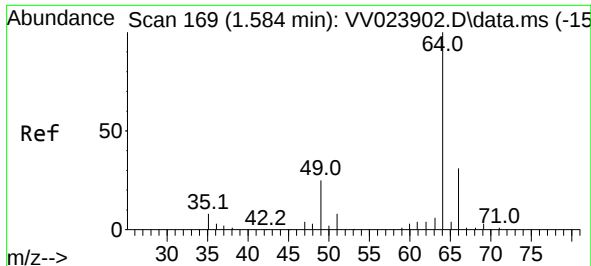
Tgt Ion: 94 Resp: 27633

Ion Ratio Lower Upper

94 100

96 93.6 66.2 123.0





#8

Chloroethane

Concen: 4.670 ug/L

RT: 1.587 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

Instrument :

MSVOA_V

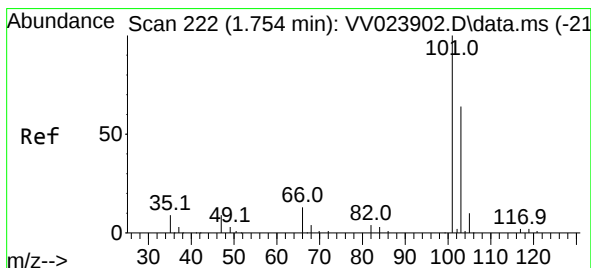
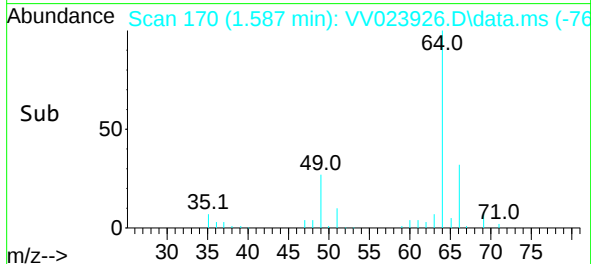
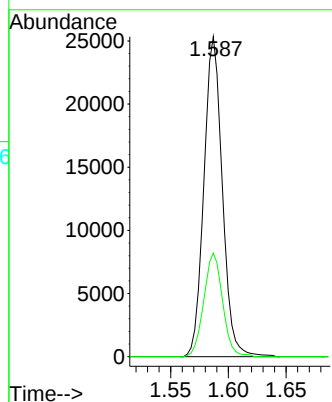
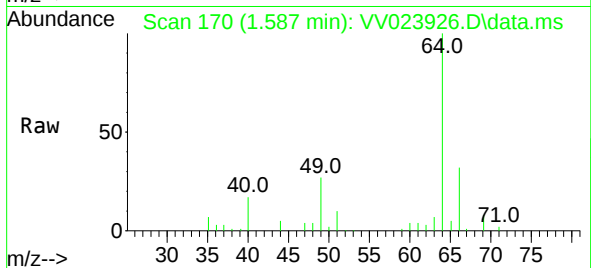
ClientSampleId :

Tgt Ion: 64 Resp: 28118

Ion Ratio Lower Upper

64 100

66 32.4 21.4 39.8



#9

Trichlorofluoromethane

Concen: 4.973 ug/L

RT: 1.754 min Scan# 222

Delta R.T. 0.000 min

Lab File: VV023926.D

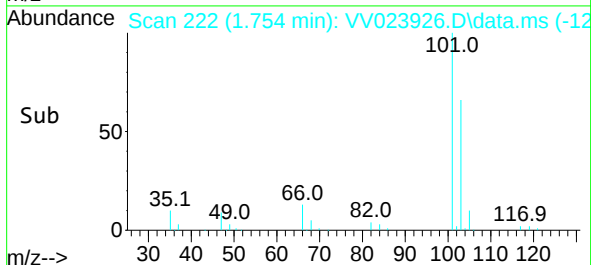
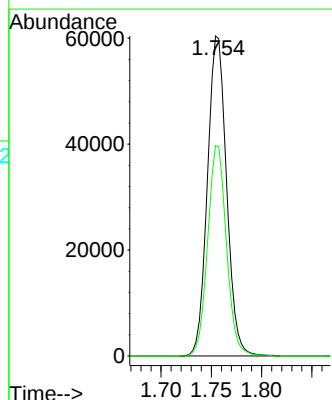
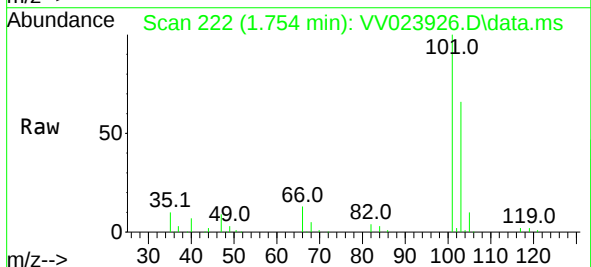
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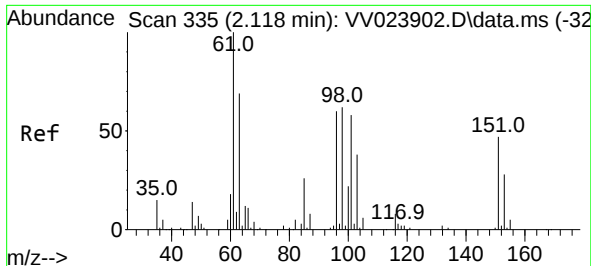
Tgt Ion:101 Resp: 79961

Ion Ratio Lower Upper

101 100

103 64.6 51.6 77.4

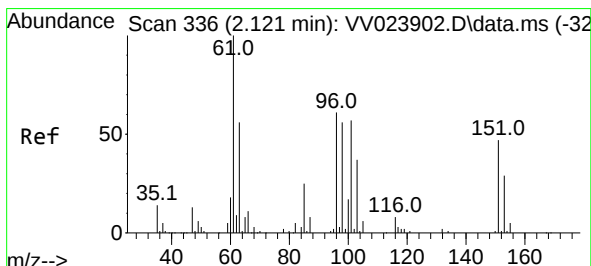
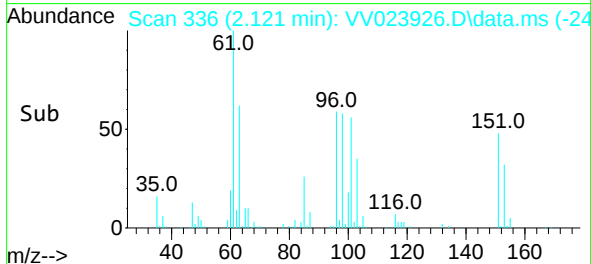
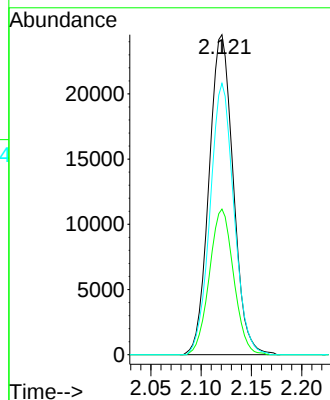
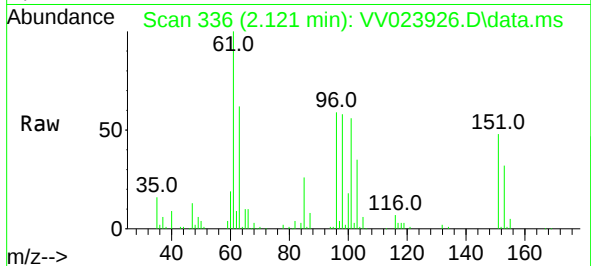




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.852 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

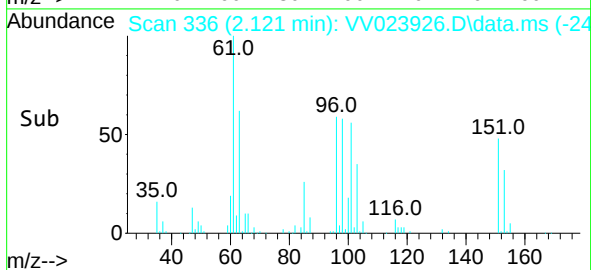
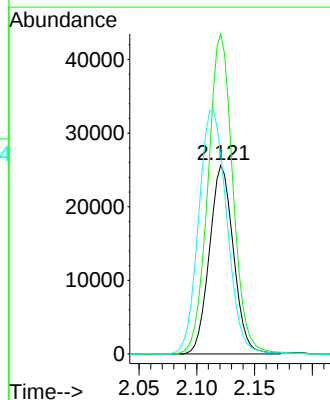
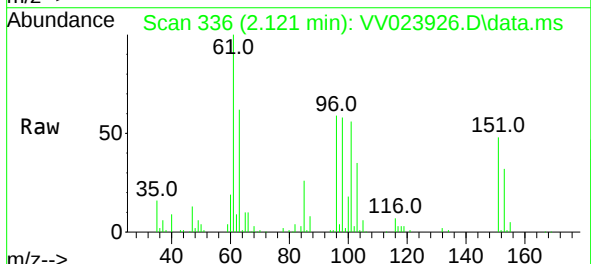
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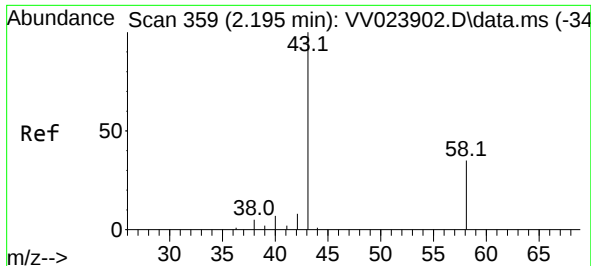
Tgt Ion:101 Resp: 41093
Ion Ratio Lower Upper
101 100
85 45.5 36.0 54.0
151 83.5 66.4 99.6



#12
1,1-Dichloroethene
Concen: 4.822 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

Tgt Ion: 96 Resp: 37116
Ion Ratio Lower Upper
96 100
61 169.6 116.1 215.5
63 105.4 79.4 147.4





#13

Acetone

Concen: 53.569 ug/L

RT: 2.198 min Scan# 30

Delta R.T. 0.007 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

Instrument :

MSVOA_V

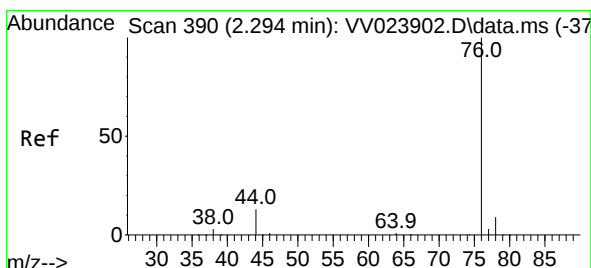
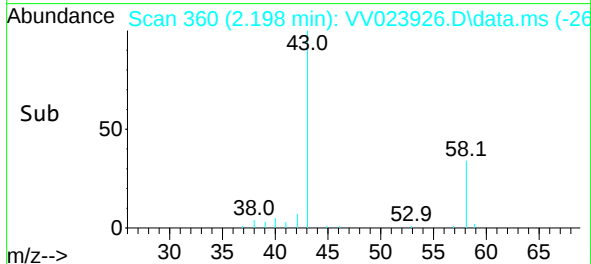
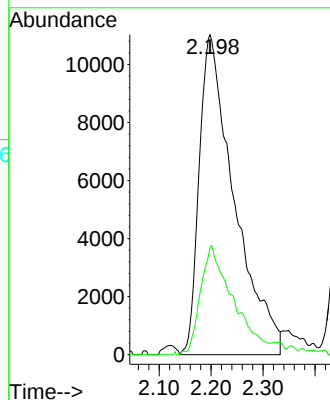
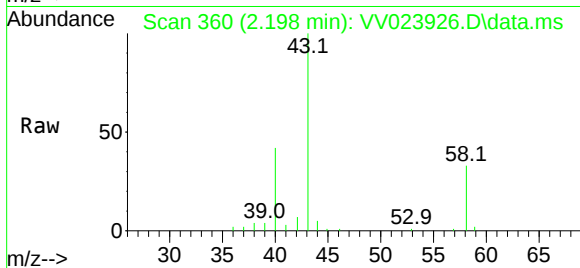
ClientSampleId :

Tgt Ion: 43 Resp: 51641

Ion Ratio Lower Upper

43 100

58 31.8 0.0 41.4



#14

Carbon disulfide

Concen: 4.591 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023926.D

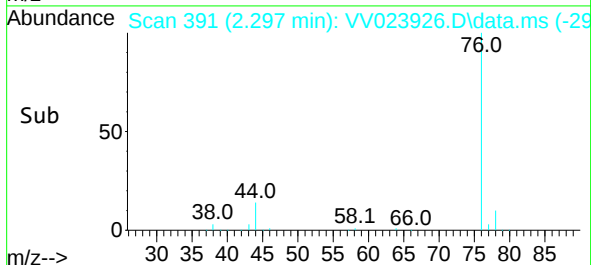
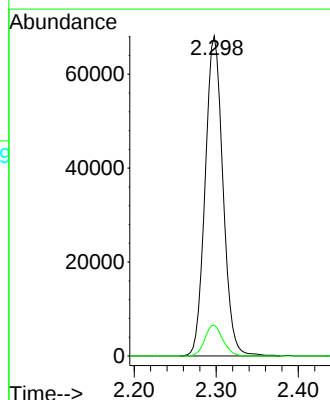
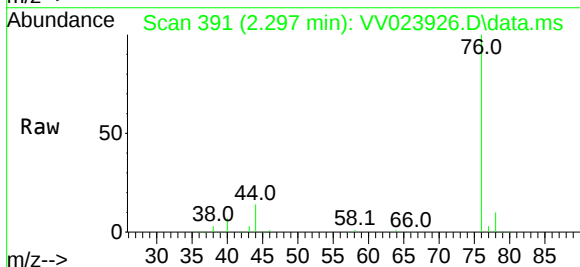
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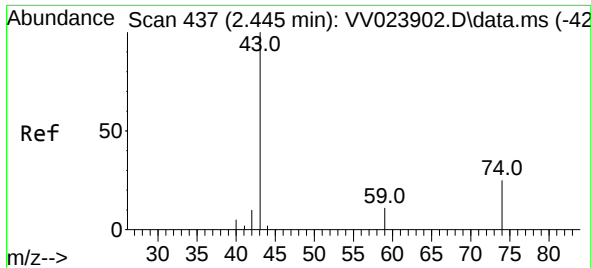
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Ion Ratio Lower Upper

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78 9.7 7.5 11.3

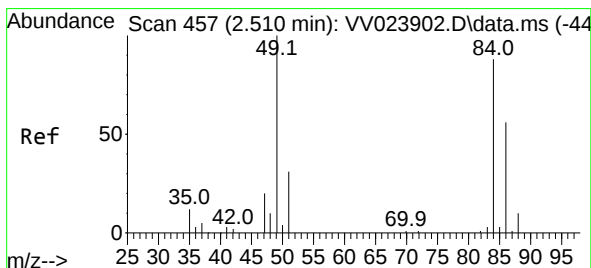
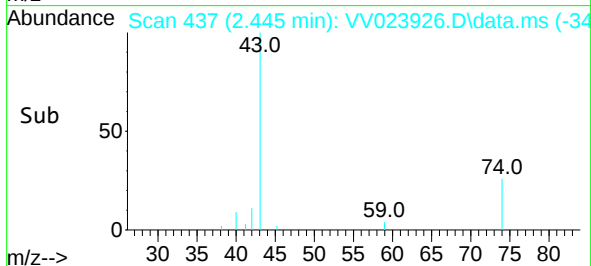
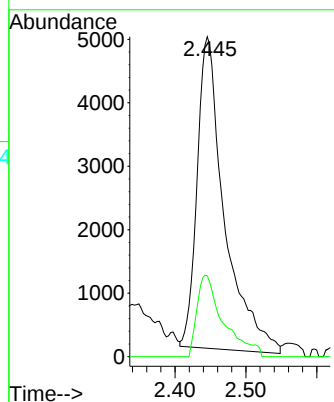
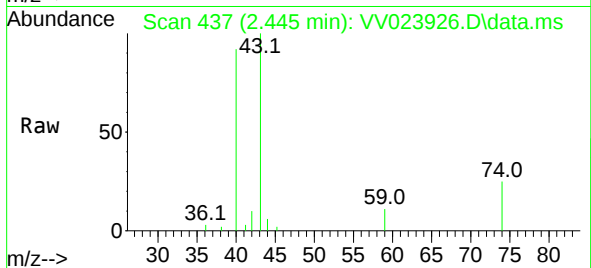




#15
Methyl Acetate
Concen: 5.617 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

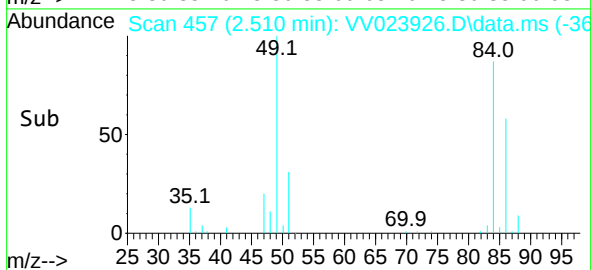
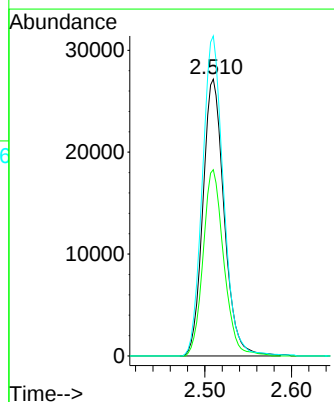
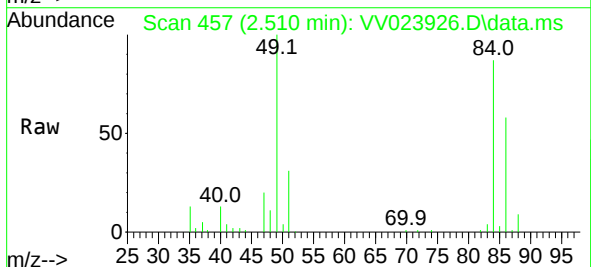
Instrument :
MSVOA_V
ClientSampleId :

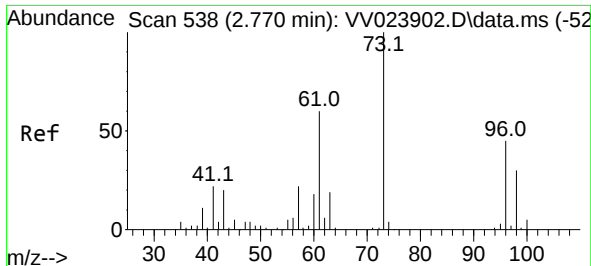
Tgt Ion: 43 Resp: 13126
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2



#16
Methylene chloride
Concen: 4.596 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

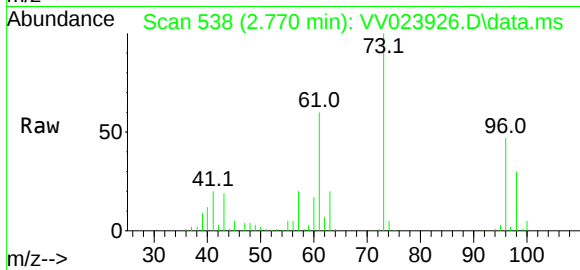
Tgt Ion: 84 Resp: 46281
Ion Ratio Lower Upper
84 100
86 67.3 42.6 79.0
49 115.6 79.7 147.9



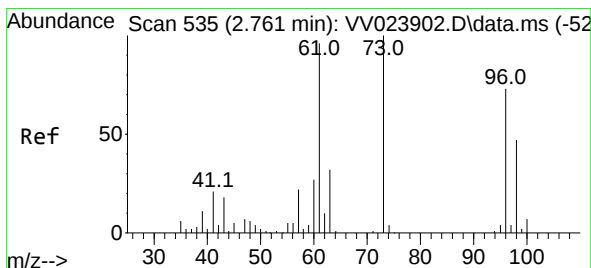
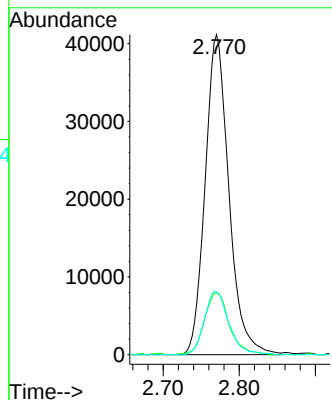
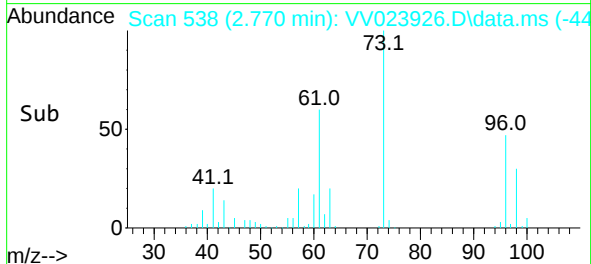


#17
Methyl tert-butyl Ether
Concen: 5.121 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

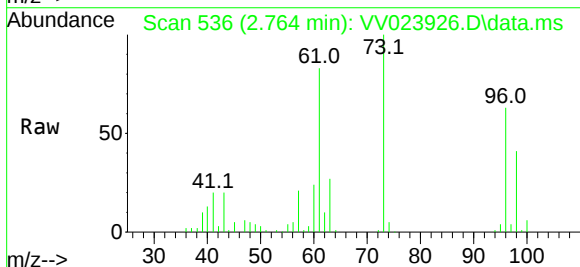
Instrument :
MSVOA_V
ClientSampleId :



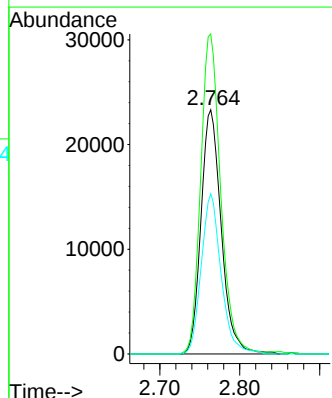
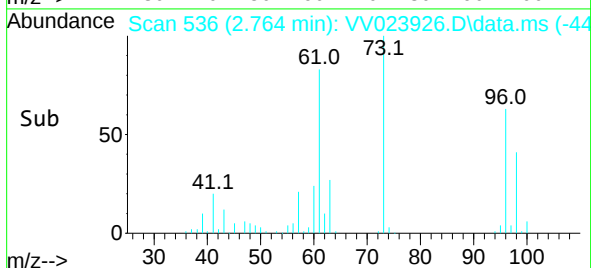
Tgt Ion: 73 Resp: 89129
Ion Ratio Lower Upper
73 100
43 20.4 15.5 23.3
57 20.4 17.1 25.7

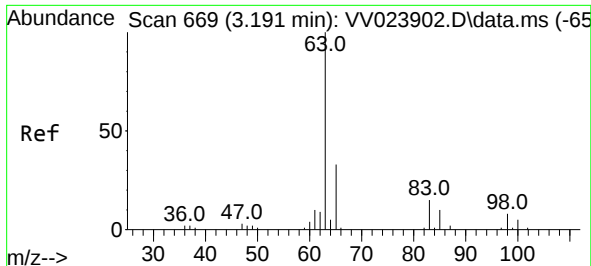


#18
trans-1,2-Dichloroethene
Concen: 4.825 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48



Tgt Ion: 96 Resp: 41111
Ion Ratio Lower Upper
96 100
61 131.1 88.2 163.8
98 65.6 44.9 83.5





#19

1,1-Dichloroethane

Concen: 4.810 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

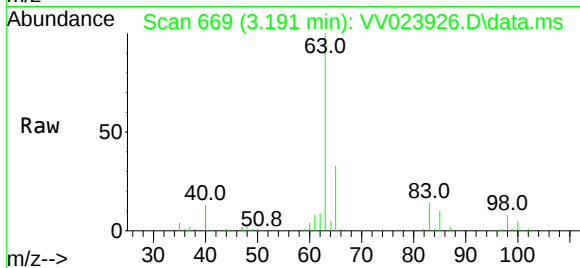
Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

Instrument :

MSVOA_V

ClientSampleId :



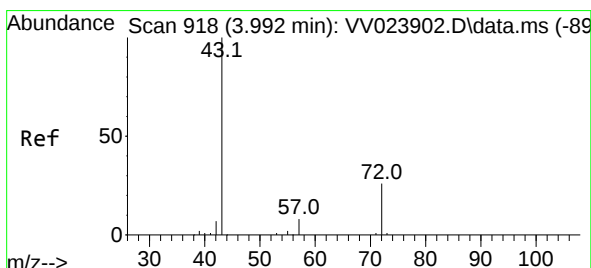
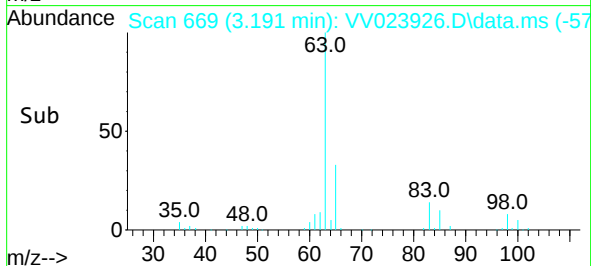
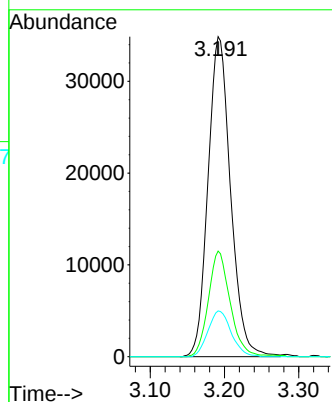
Tgt Ion: 63 Resp: 73561

Ion Ratio Lower Upper

63 100

65 33.0 22.3 41.3

83 14.3 10.7 19.9



#21

2-Butanone

Concen: 55.228 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.000 min

Lab File: VV023926.D

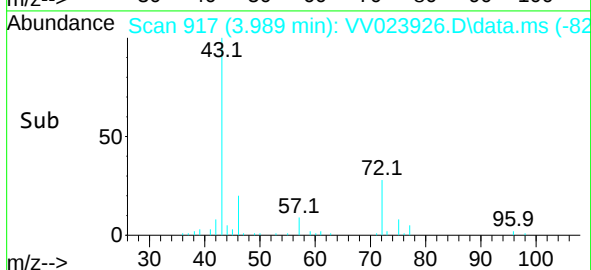
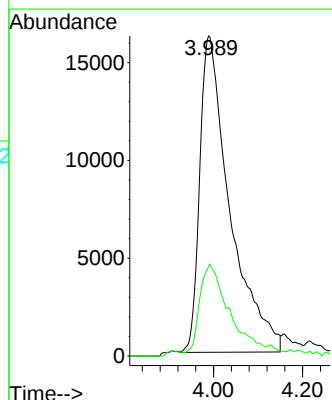
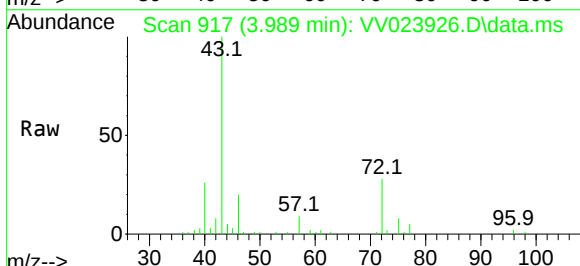
Acq: 11 Dec 2021 07:48

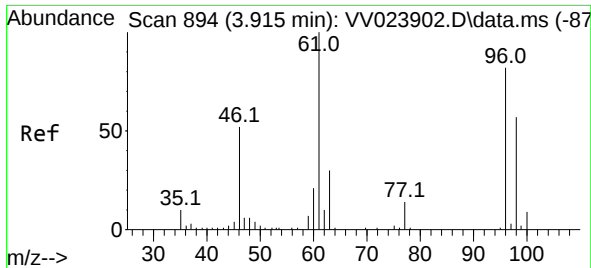
Tgt Ion: 43 Resp: 76070

Ion Ratio Lower Upper

43 100

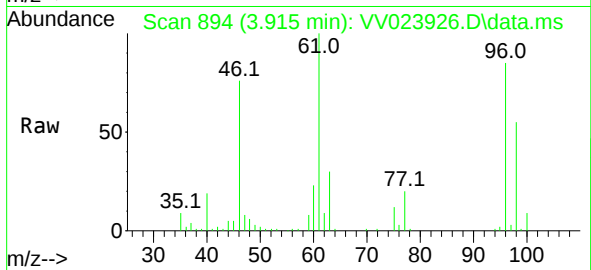
72 27.5 11.1 33.1





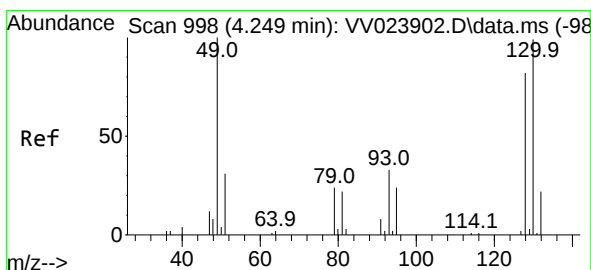
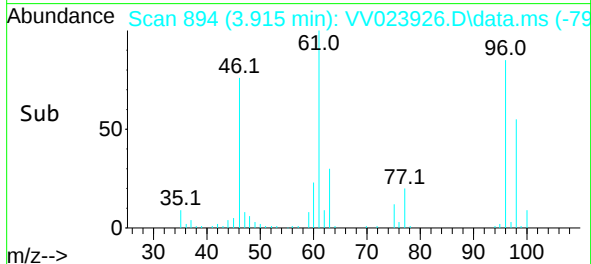
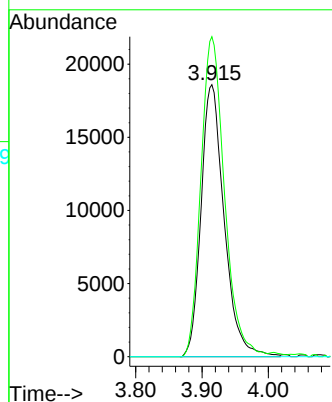
#22
 cis-1,2-Dichloroethene
 Concen: 4.990 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV023926.D
 Acq: 11 Dec 2021 07:48

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 45003

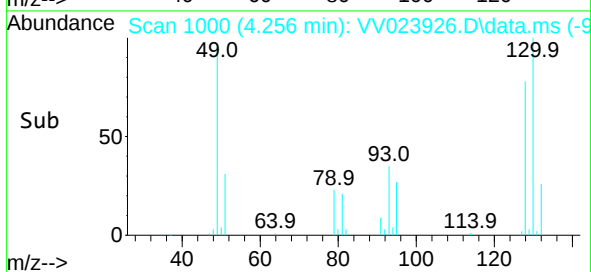
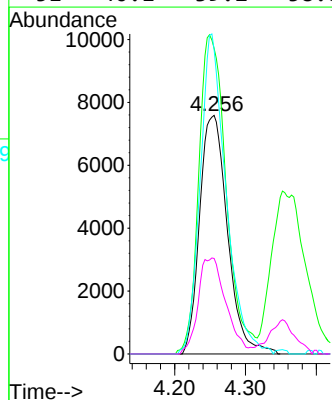
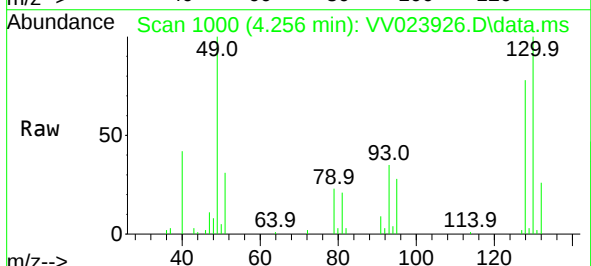
Ion	Ratio	Lower	Upper
96	100		
61	117.6	83.4	154.8
68	0.0	0.0	0.0

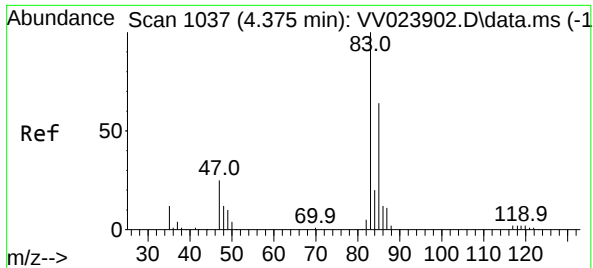


#23
 Bromochloromethane
 Concen: 5.048 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.013 min
 Lab File: VV023926.D
 Acq: 11 Dec 2021 07:48

Tgt Ion: 128 Resp: 20689

Ion	Ratio	Lower	Upper
128	100		
49	128.1	100.2	186.2
130	127.6	92.5	171.7
51	40.1	39.2	58.8

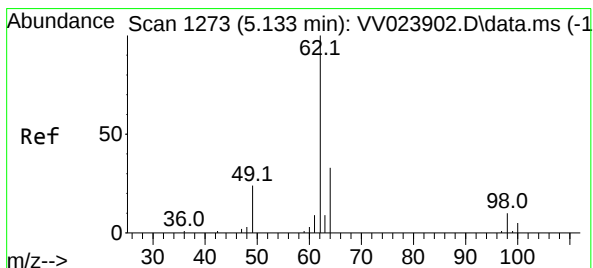
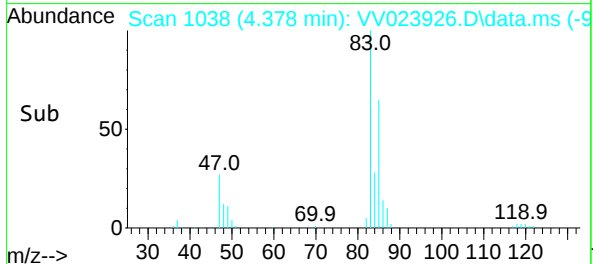
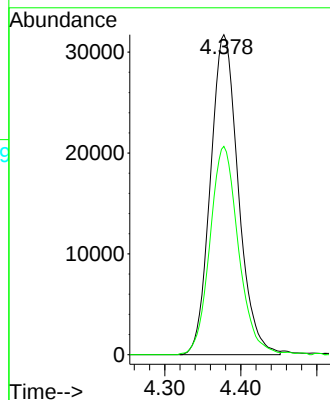
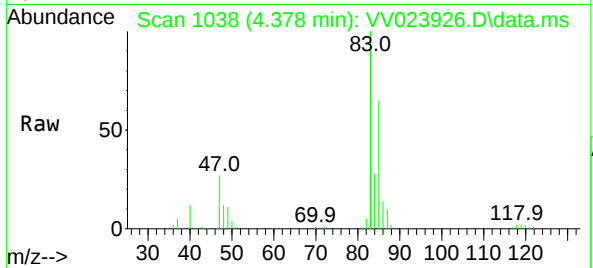




#25
Chloroform
Concen: 4.750 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

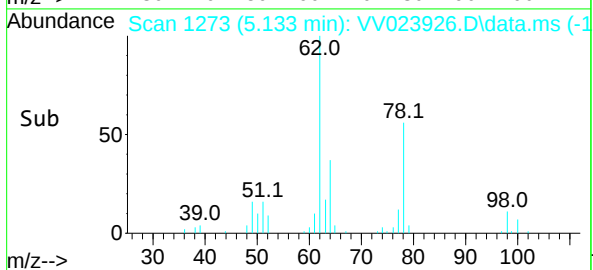
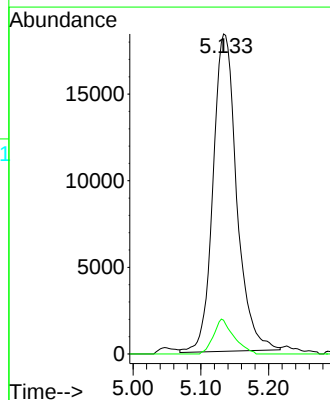
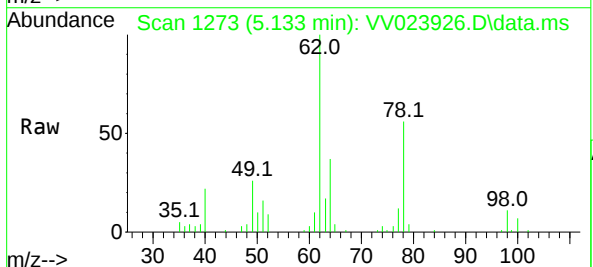
Instrument :
MSVOA_V
ClientSampleId :

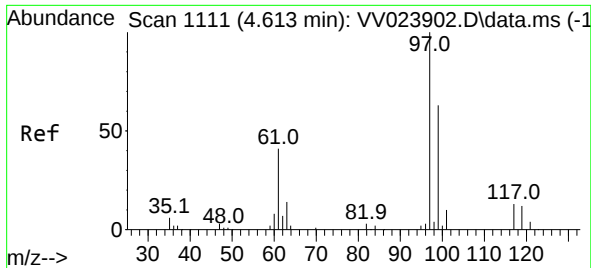
Tgt Ion: 83 Resp: 80754
Ion Ratio Lower Upper
83 100
85 65.1 45.2 84.0



#27
1,2-Dichloroethane
Concen: 4.840 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

Tgt Ion: 62 Resp: 44582
Ion Ratio Lower Upper
62 100
98 10.6 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.170 ug/L

RT: 4.609 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

Instrument :

MSVOA_V

ClientSampleId :

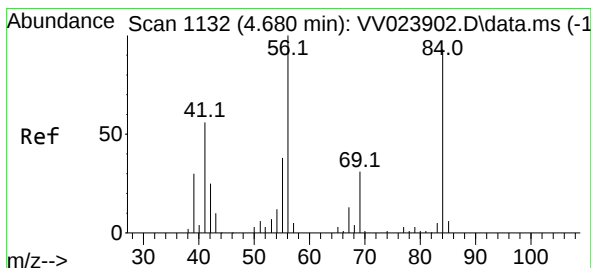
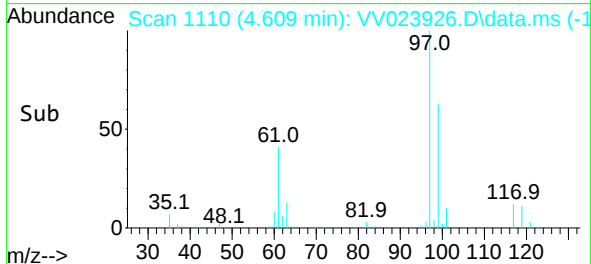
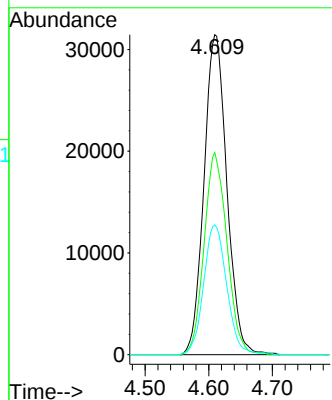
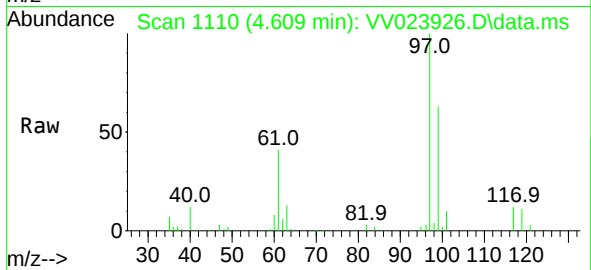
Tgt Ion: 97 Resp: 78790

Ion Ratio Lower Upper

97 100

99 63.0 51.9 77.9

61 40.8 33.2 49.8



#30

Cyclohexane

Concen: 4.862 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

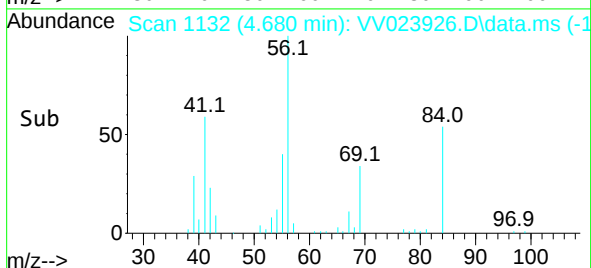
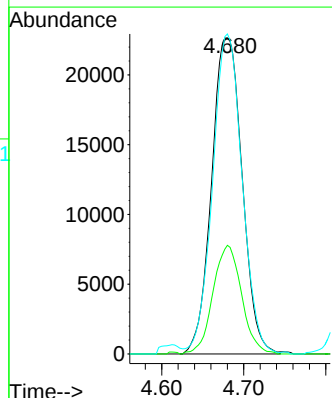
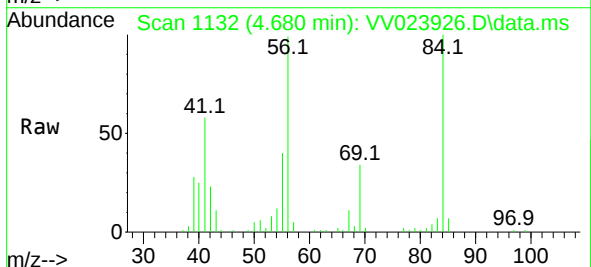
Tgt Ion: 56 Resp: 58763

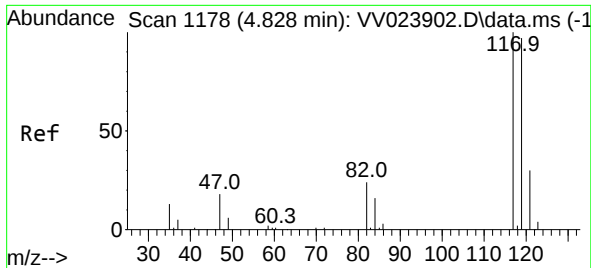
Ion Ratio Lower Upper

56 100

69 32.1 24.8 37.2

84 97.2 75.9 113.9

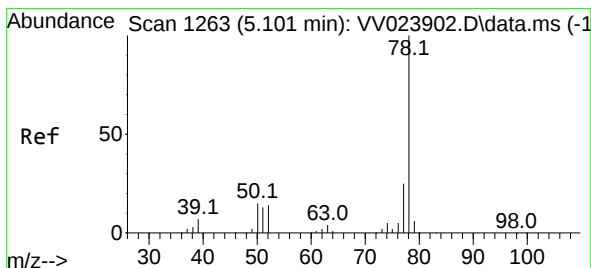
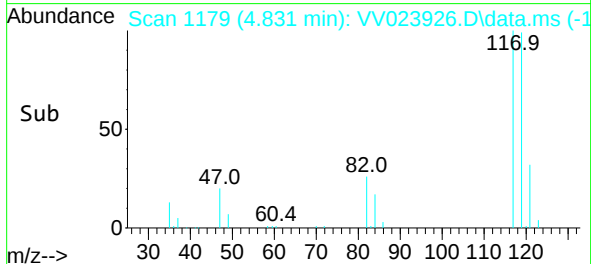
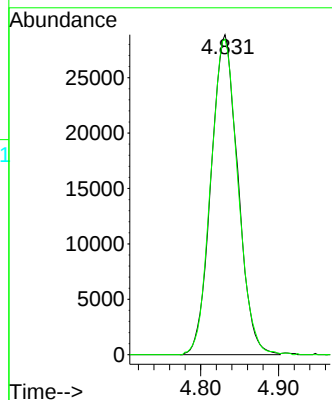
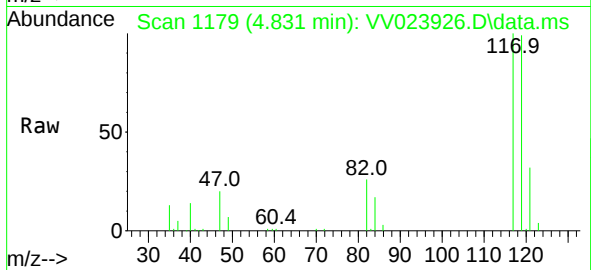




#31
Carbon tetrachloride
Concen: 4.822 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

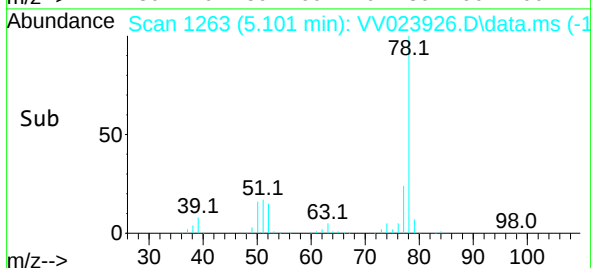
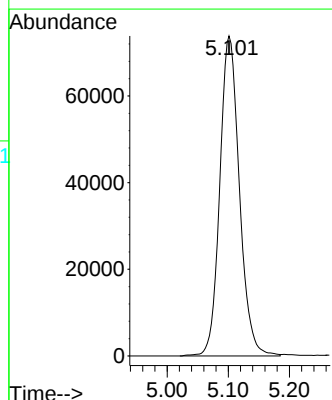
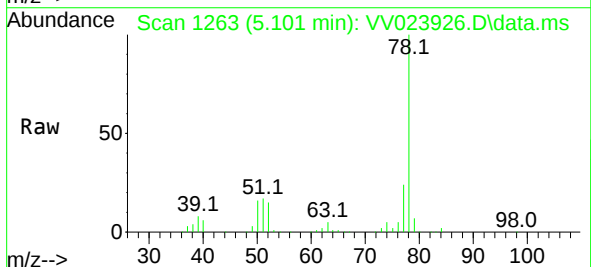
Instrument :
MSVOA_V
ClientSampleId :

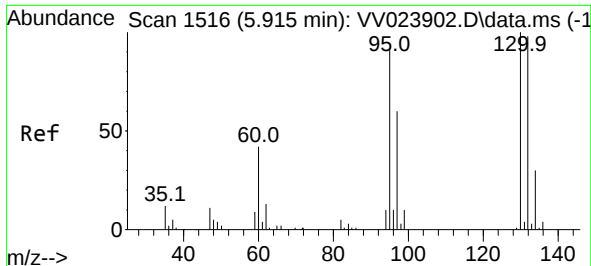
Tgt Ion:117 Resp: 69071
Ion Ratio Lower Upper
117 100
119 99.9 76.6 114.8



#33
Benzene
Concen: 4.994 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

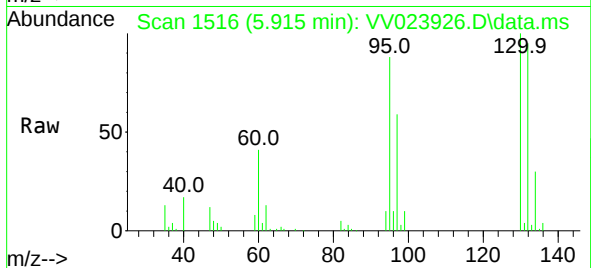
Tgt Ion: 78 Resp: 164576



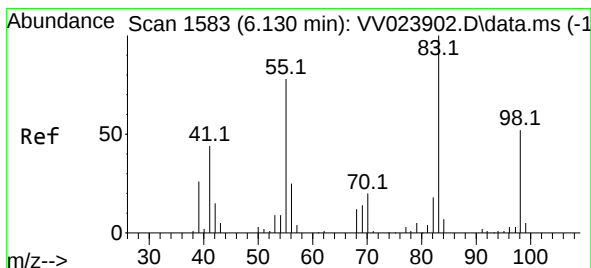
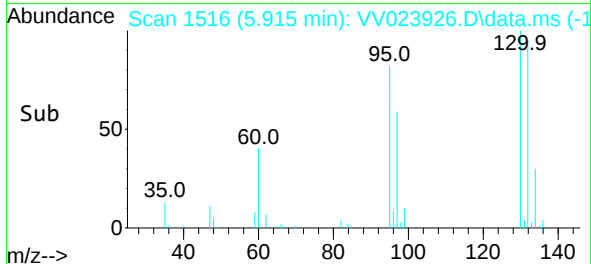
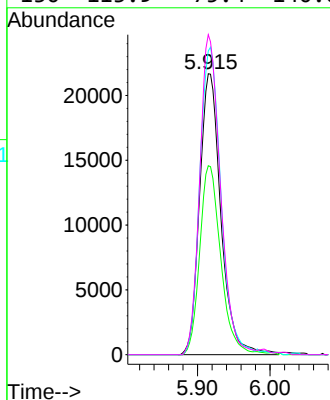


#34
Trichloroethene
Concen: 4.775 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

Instrument :
MSVOA_V
ClientSampleId :

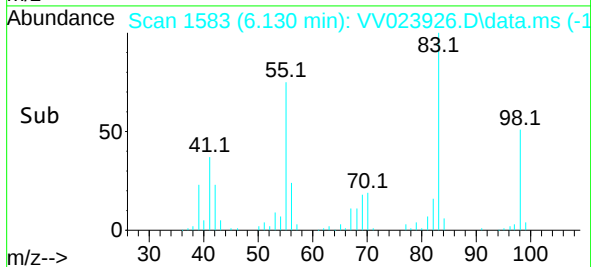
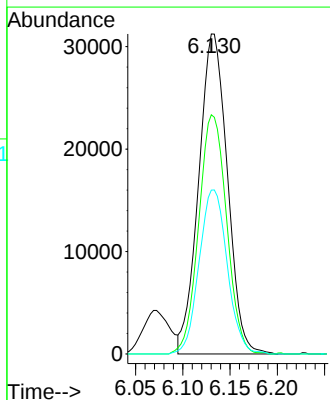
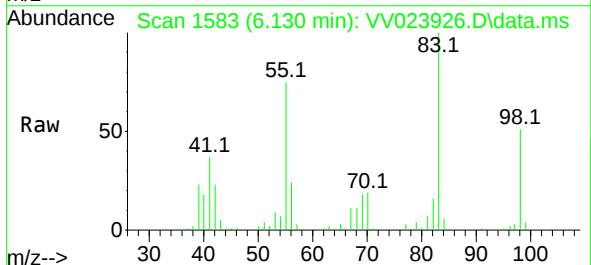


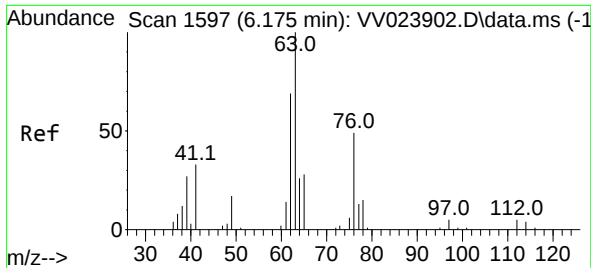
Tgt Ion: 95 Resp: 44385
Ion Ratio Lower Upper
95 100
97 67.2 45.2 84.0
132 108.0 76.1 141.3
130 113.9 75.4 140.0



#35
Methylcyclohexane
Concen: 4.818 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

Tgt Ion: 83 Resp: 65908
Ion Ratio Lower Upper
83 100
55 72.7 60.2 90.2
98 50.3 41.0 61.4





#37

1,2-Dichloropropane

Concen: 4.947 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

Instrument :

MSVOA_V

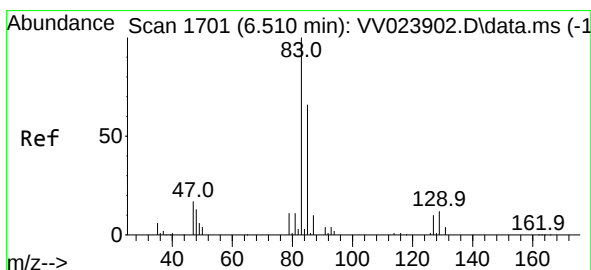
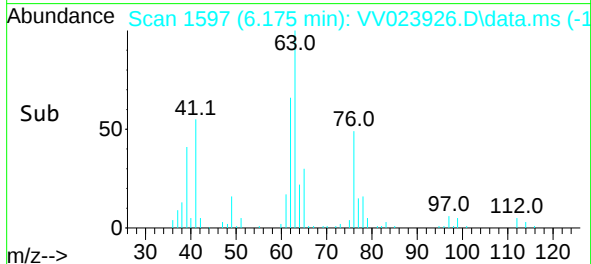
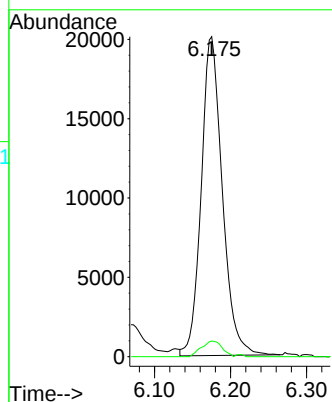
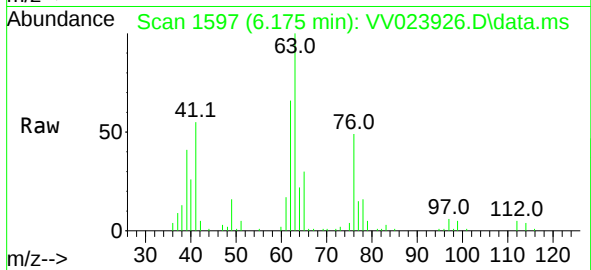
ClientSampleId :

Tgt Ion: 63 Resp: 38749

Ion Ratio Lower Upper

63 100

112 4.8 4.3 6.5



#38

Bromodichloromethane

Concen: 4.981 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

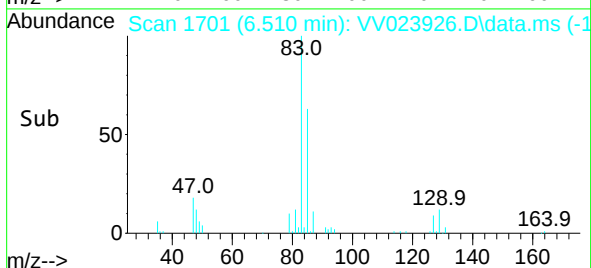
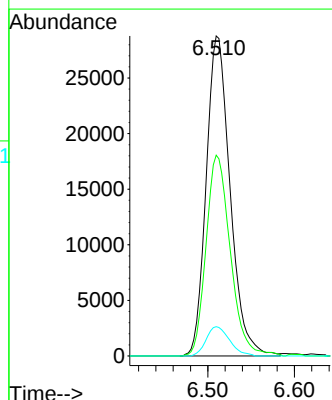
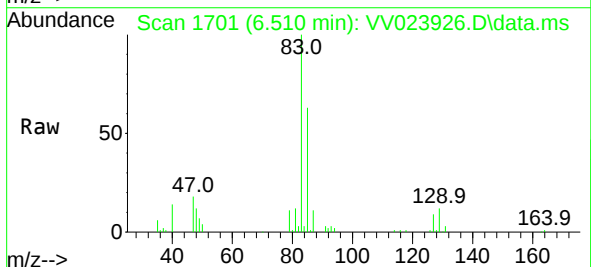
Tgt Ion: 83 Resp: 55258

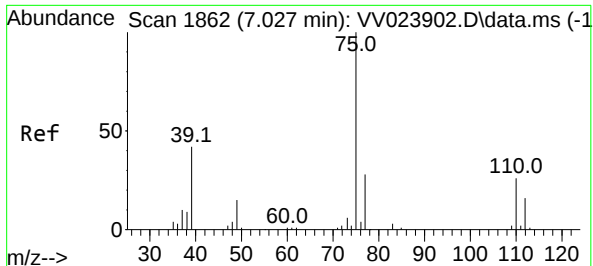
Ion Ratio Lower Upper

83 100

85 62.8 44.0 81.8

127 9.2 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.818 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

Instrument :

MSVOA_V

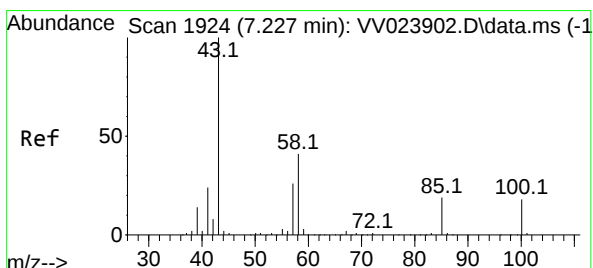
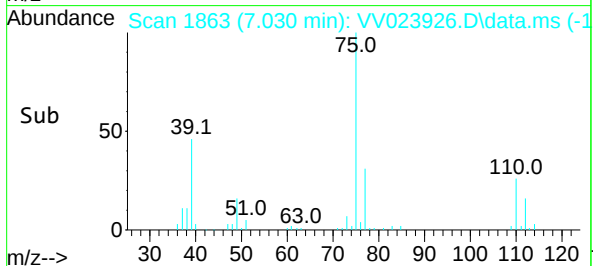
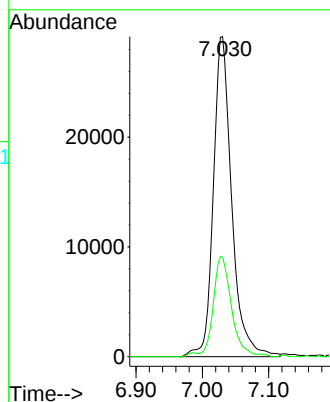
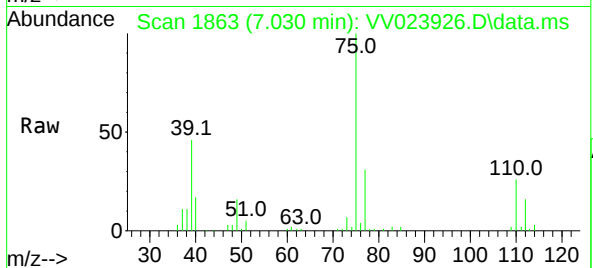
ClientSampleId :

Tgt Ion: 75 Resp: 56019

Ion Ratio Lower Upper

75 100

77 31.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 52.407 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

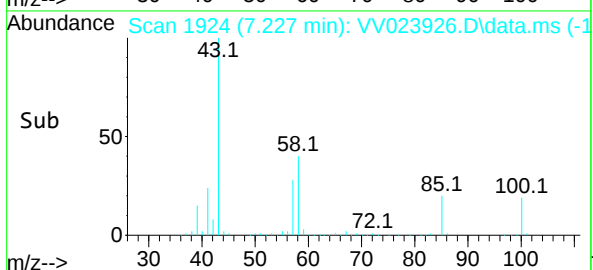
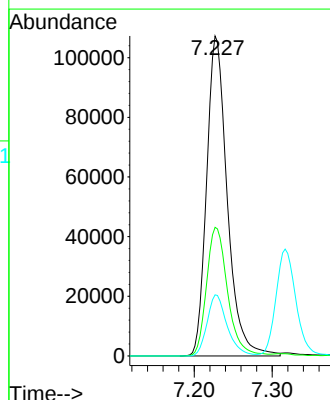
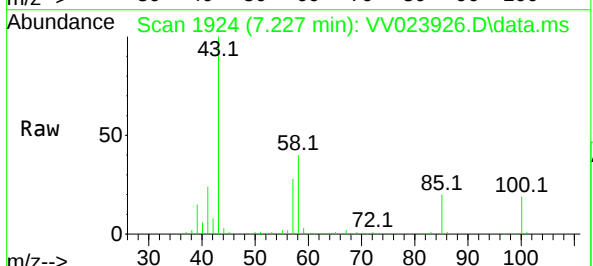
Tgt Ion: 43 Resp: 197168

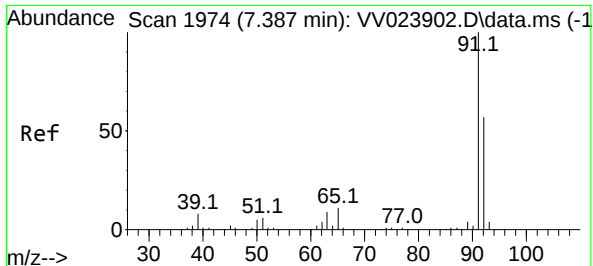
Ion Ratio Lower Upper

43 100

58 41.1 32.3 48.5

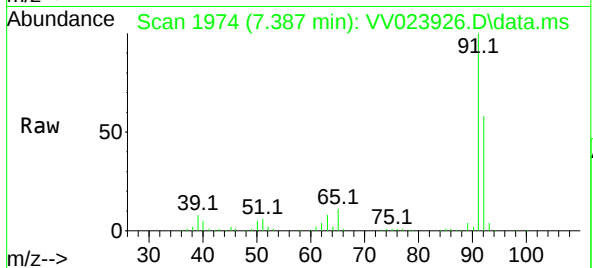
100 18.6 13.0 19.6



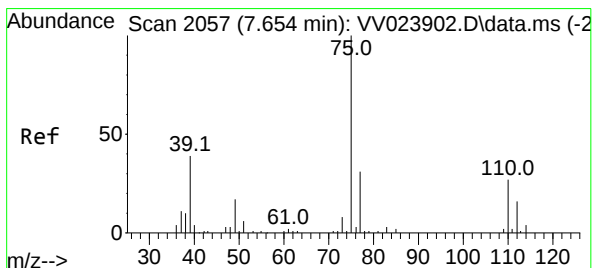
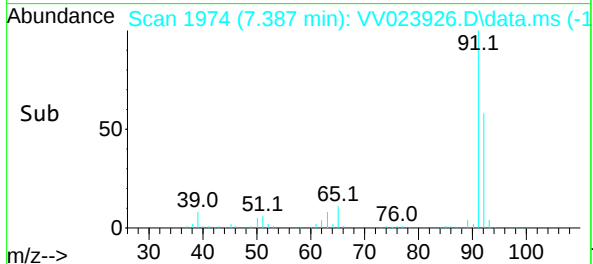
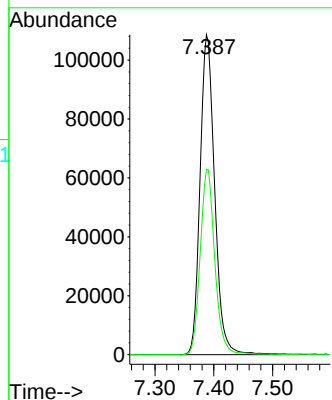


#42
Toluene
Concen: 5.045 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

Instrument :
MSVOA_V
ClientSampleId :

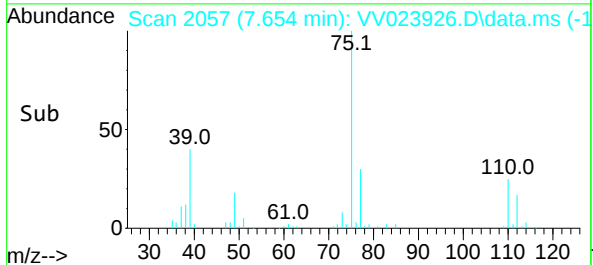
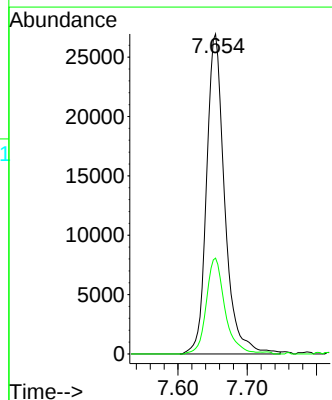
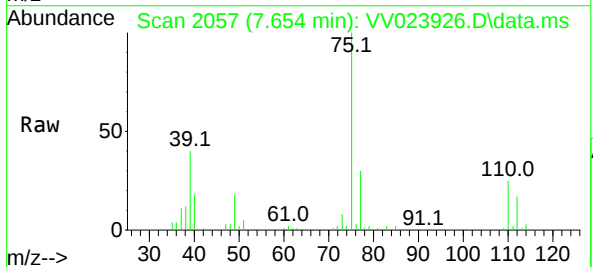


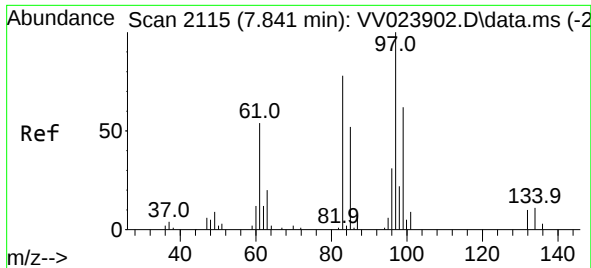
Tgt Ion: 91 Resp: 187088
Ion Ratio Lower Upper
91 100
92 57.9 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 4.855 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

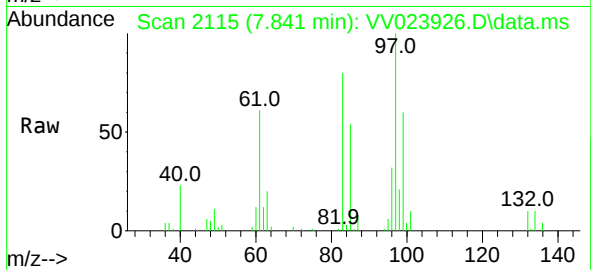
Tgt Ion: 75 Resp: 48792
Ion Ratio Lower Upper
75 100
77 29.9 21.8 40.4



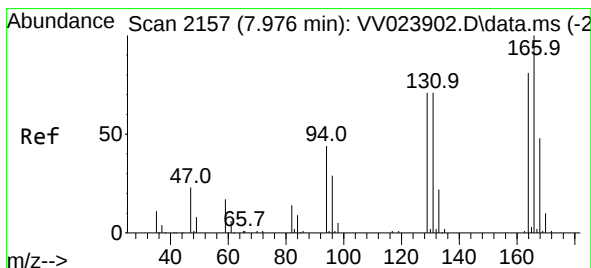
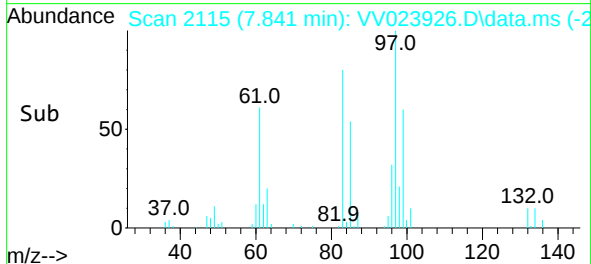
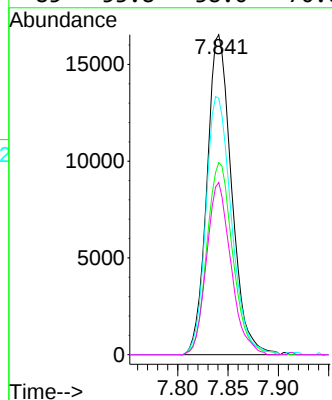


#45
1,1,2-Trichloroethane
Concen: 4.862 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

Instrument :
MSVOA_V
ClientSampleId :

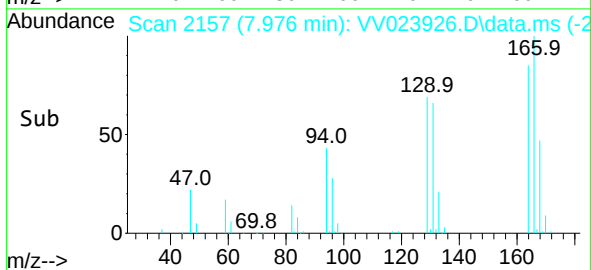
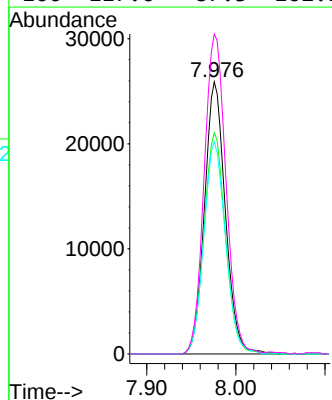
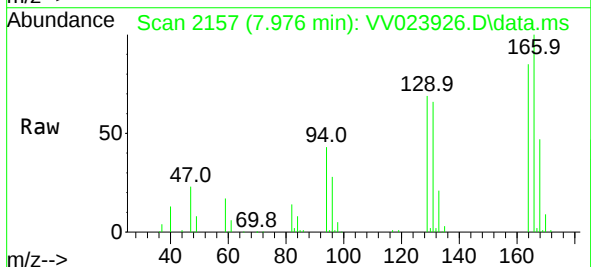


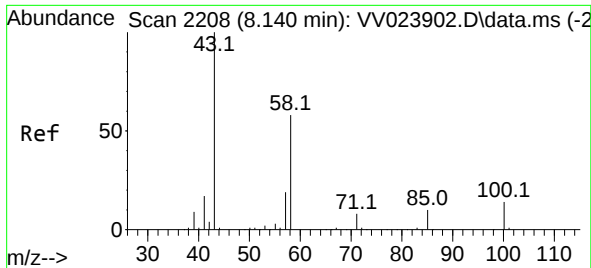
Tgt Ion: 97	Resp: 28175
Ion Ratio	Lower Upper
97 100	
99 60.1	43.1 80.1
83 80.1	57.9 107.5
85 53.8	38.0 70.6



#47
Tetrachloroethene
Concen: 5.133 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

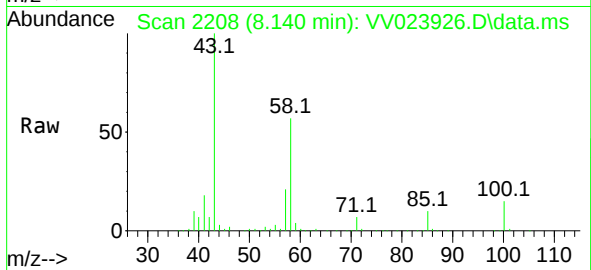
Tgt	Ion:164	Resp:	42001
Ion	Ratio	Lower	Upper
164	100		
129	81.2	62.6	116.2
131	77.9	61.0	113.4
166	117.6	87.3	162.1



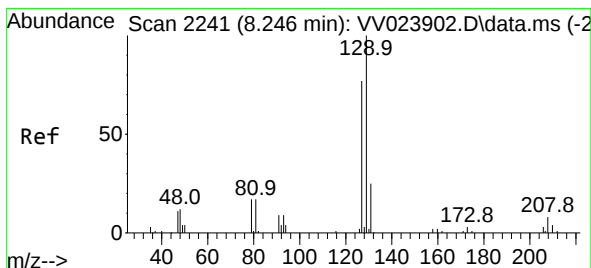
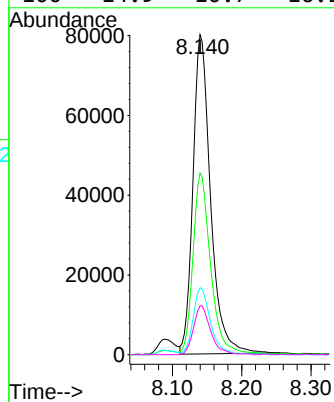
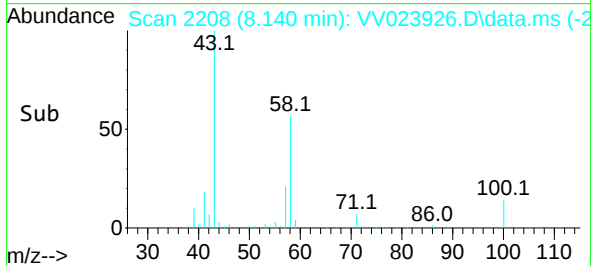


#48
2-Hexanone
Concen: 52.022 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

Instrument :
MSVOA_V
ClientSampleId :

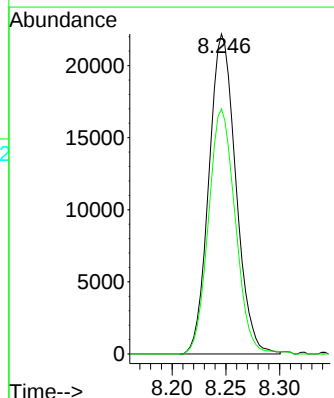
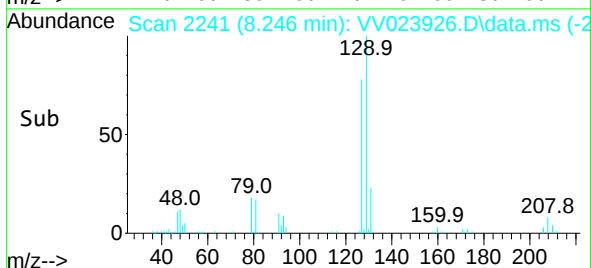
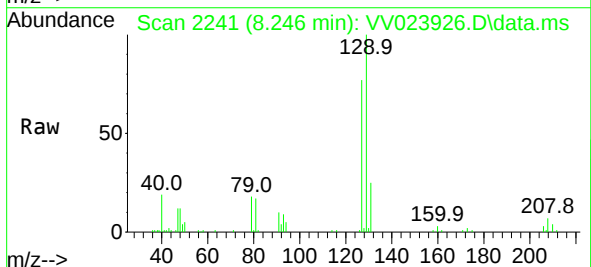


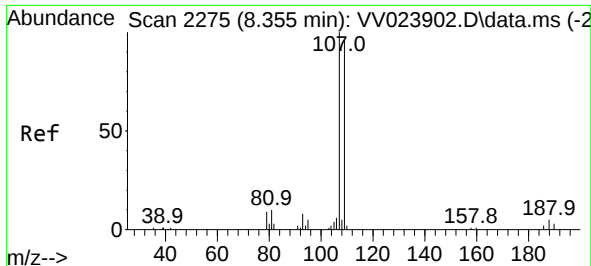
Tgt Ion: 43 Resp: 141915
Ion Ratio Lower Upper
43 100
58 56.7 44.5 66.7
57 21.0 15.1 22.7
100 14.9 10.7 16.1



#49
Dibromochloromethane
Concen: 4.902 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

Tgt Ion: 129 Resp: 38645
Ion Ratio Lower Upper
129 100
127 76.6 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.029 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023926.D

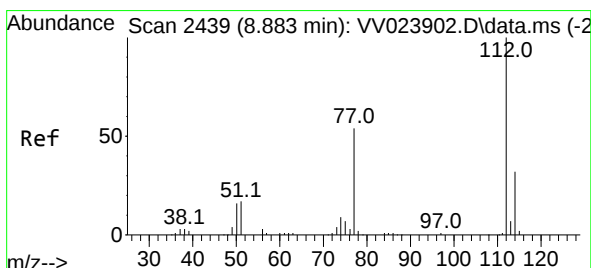
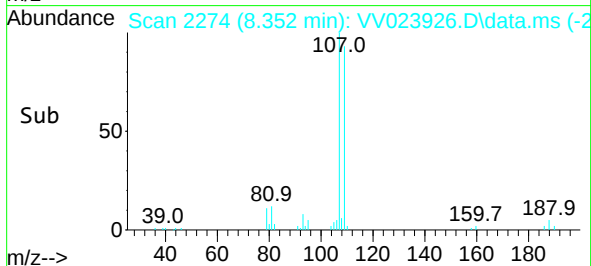
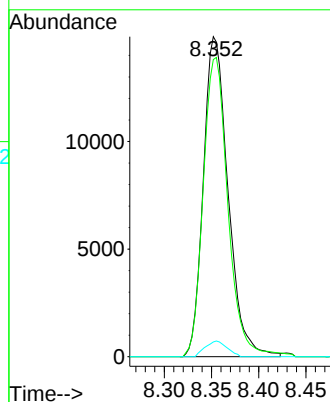
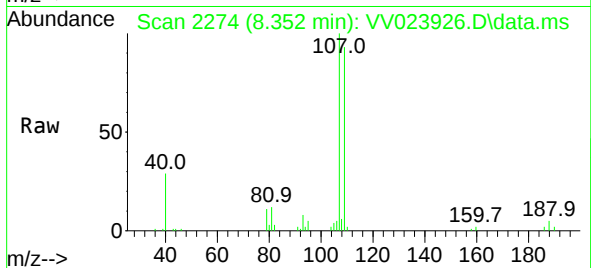
Acq: 11 Dec 2021 07:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	27056
Ion	Ratio	Lower	Upper
107	100		
109	92.8	62.5	116.1
188	4.6	3.4	5.2



#51

Chlorobenzene

Concen: 5.459 ug/L

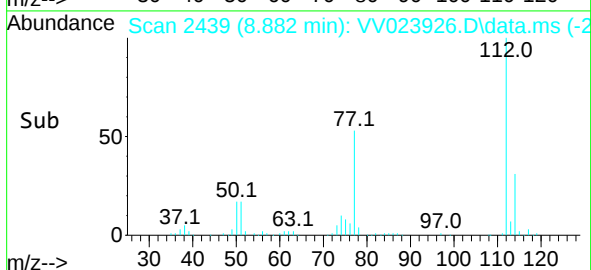
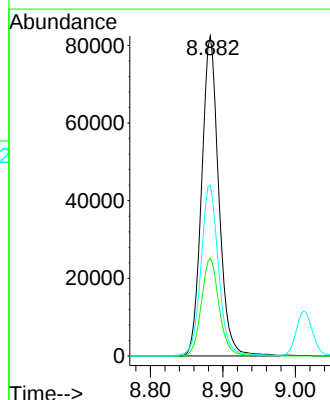
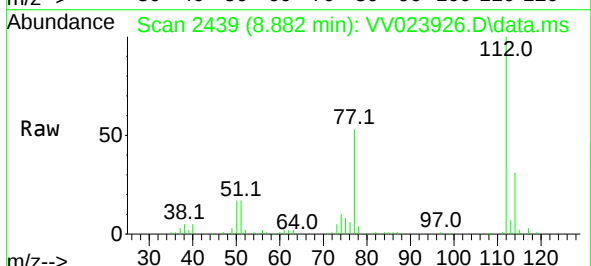
RT: 8.882 min Scan# 2439

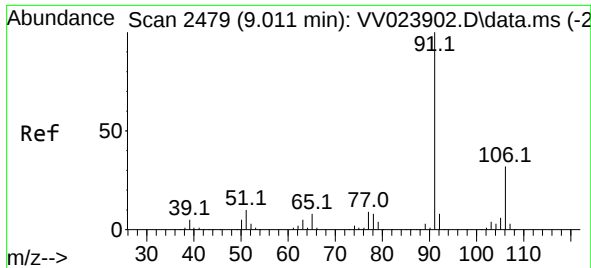
Delta R.T. 0.003 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

Tgt Ion:	112	Resp:	135312
Ion	Ratio	Lower	Upper
112	100		
114	30.6	23.3	43.3
77	53.3	43.3	64.9

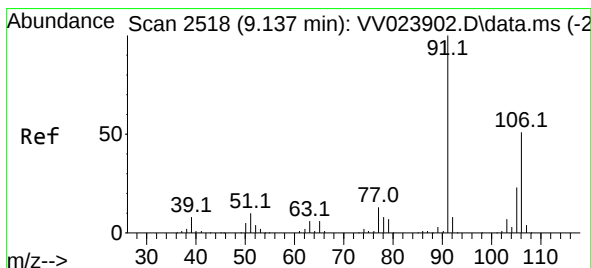
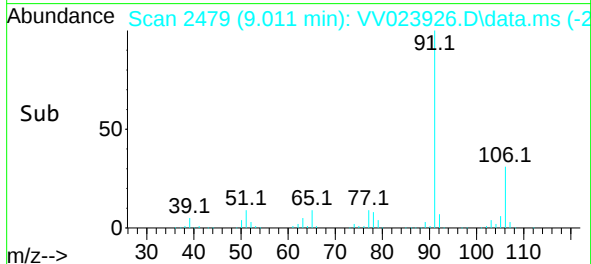
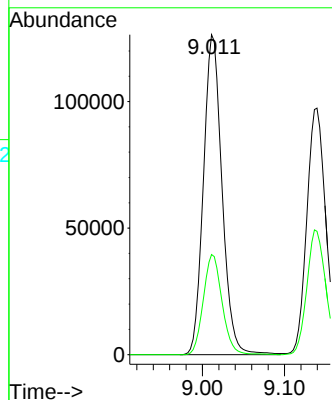
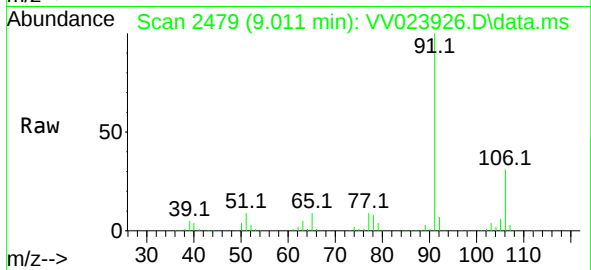




#52
Ethylbenzene
Concen: 5.099 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

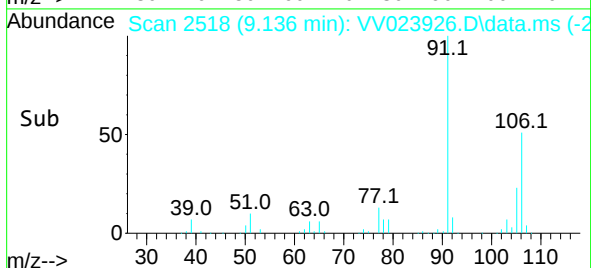
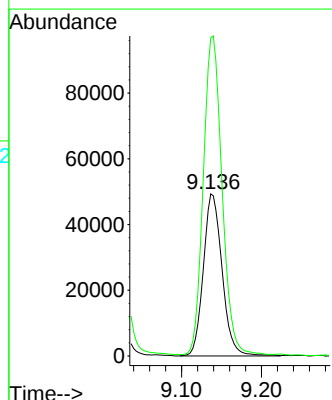
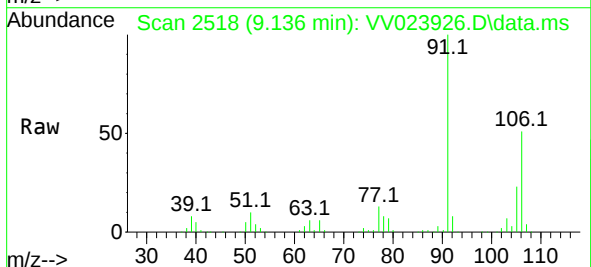
Instrument :
MSVOA_V
ClientSampleId :

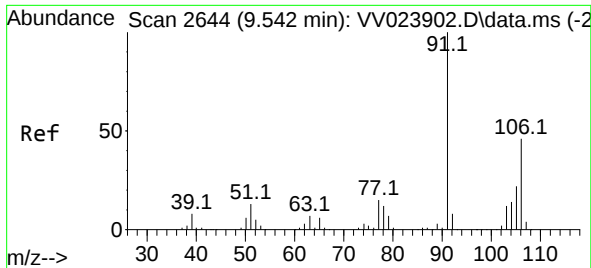
Tgt Ion: 91 Resp: 199499
Ion Ratio Lower Upper
91 100
106 31.3 22.0 41.0



#53
m,p-xylene
Concen: 5.212 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

Tgt Ion: 106 Resp: 80660
Ion Ratio Lower Upper
106 100
91 196.4 139.5 259.1

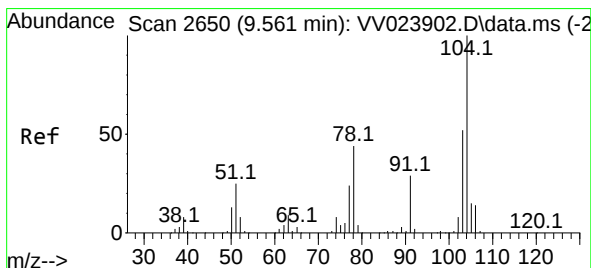
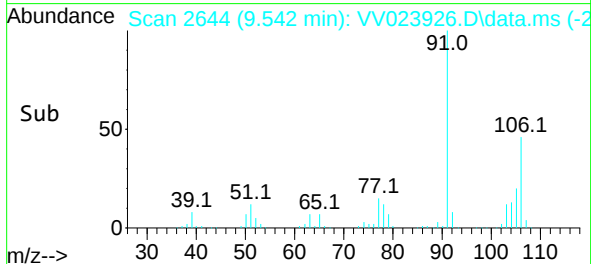
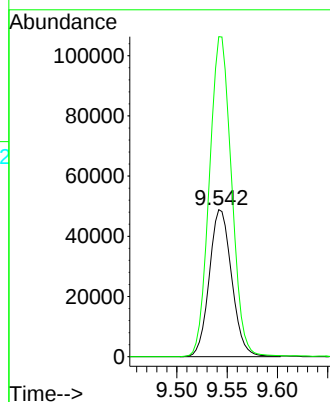
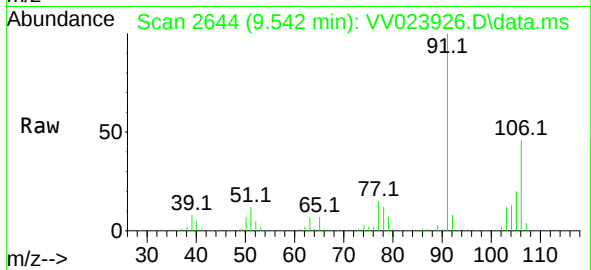




#54
o-xylene
Concen: 5.062 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

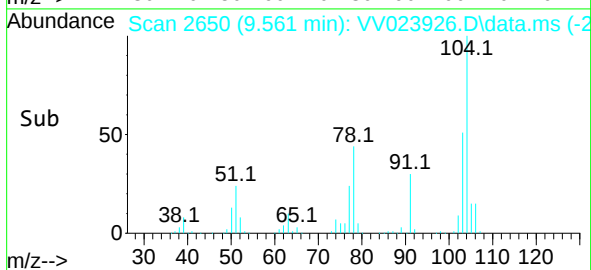
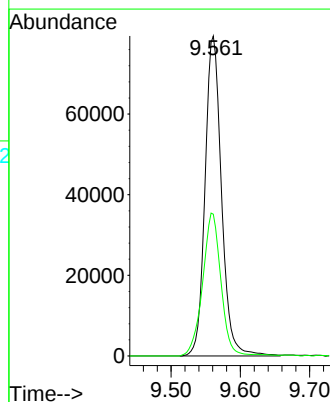
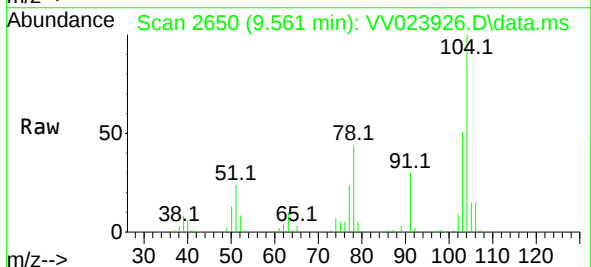
Instrument :
MSVOA_V
ClientSampleId :

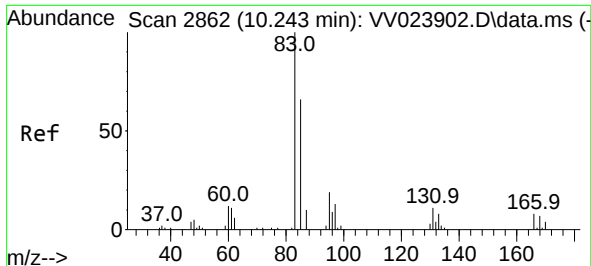
Tgt Ion:106 Resp: 75750
Ion Ratio Lower Upper
106 100
91 217.7 147.9 274.7



#55
Styrene
Concen: 5.251 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

Tgt Ion:104 Resp: 130804
Ion Ratio Lower Upper
104 100
78 44.3 31.0 57.6

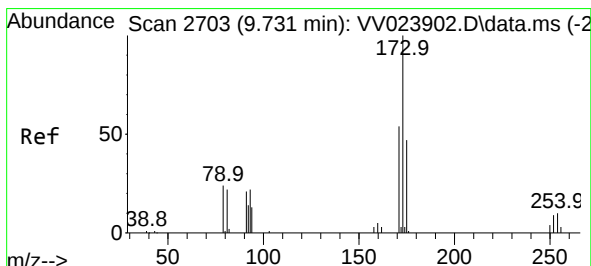
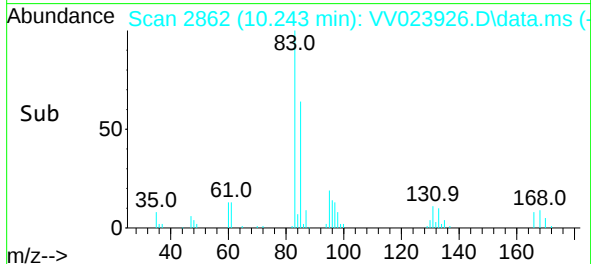
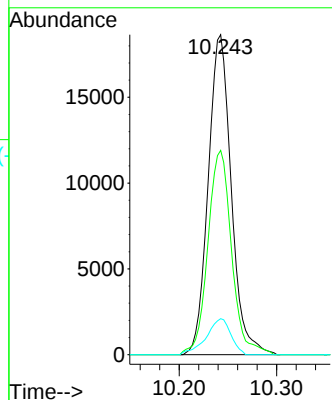
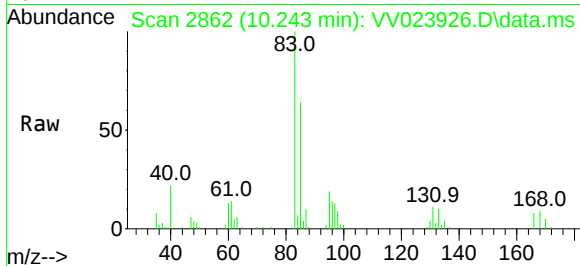




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.835 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. 0.003 min
 Lab File: VV023926.D
 Acq: 11 Dec 2021 07:48

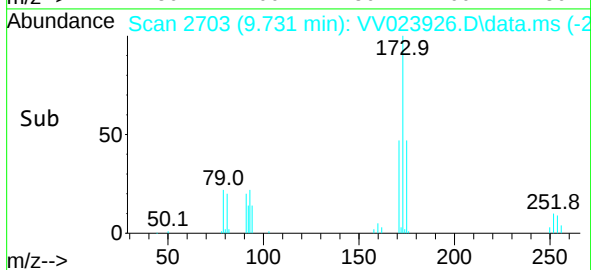
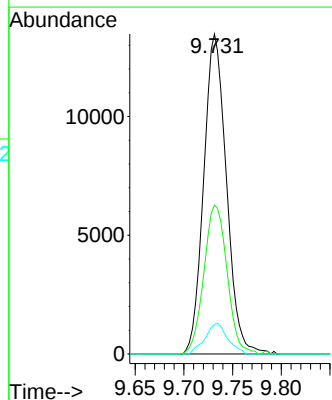
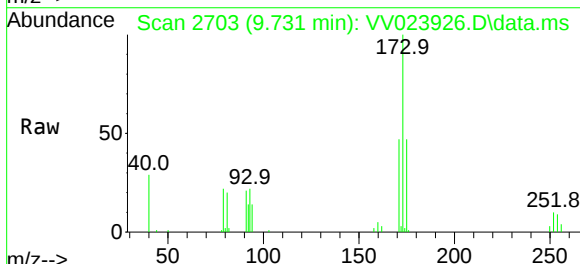
Instrument :
 MSVOA_V
 ClientSampleId :

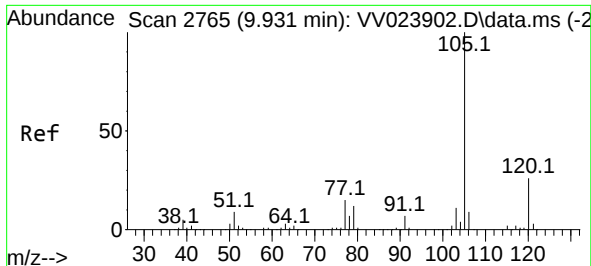
Tgt Ion: 83 Resp: 30675
 Ion Ratio Lower Upper
 83 100
 85 63.8 44.6 82.8
 131 11.2 8.3 12.5



#59
 Bromoform
 Concen: 4.850 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV023926.D
 Acq: 11 Dec 2021 07:48

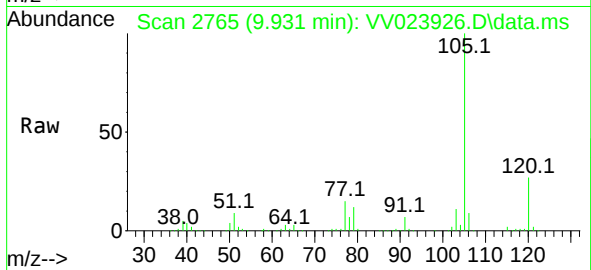
Tgt Ion: 173 Resp: 21859
 Ion Ratio Lower Upper
 173 100
 175 47.5 39.4 59.2
 254 9.5 7.4 11.0



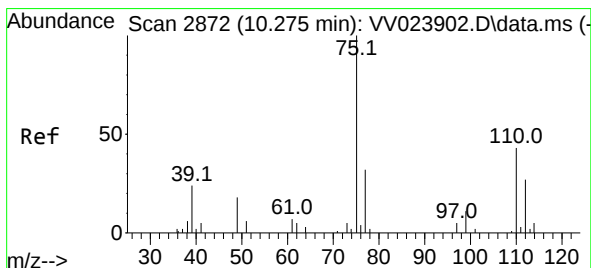
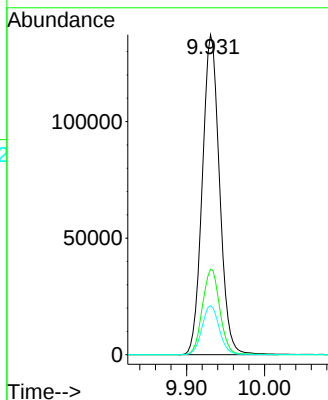
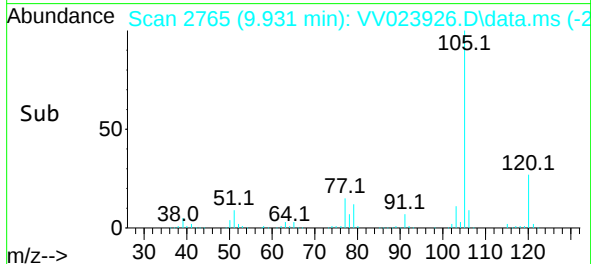


#60
Isopropylbenzene
Concen: 5.113 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

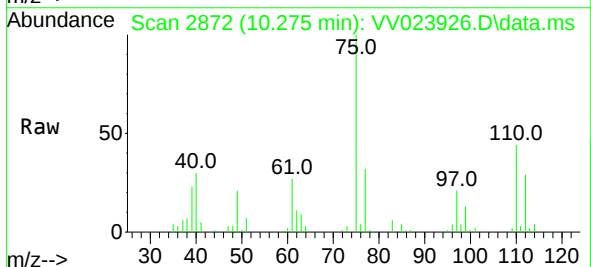
Instrument :
MSVOA_V
ClientSampleId :



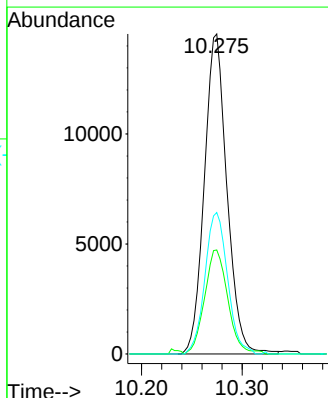
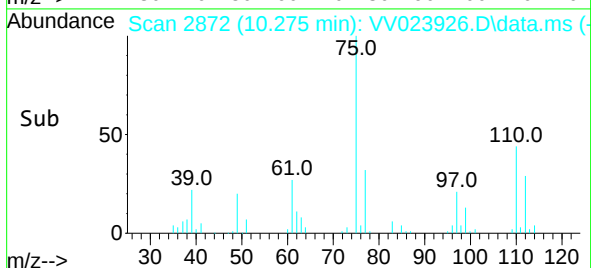
Tgt Ion:105 Resp: 210831
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.0
77 15.3 12.2 18.4

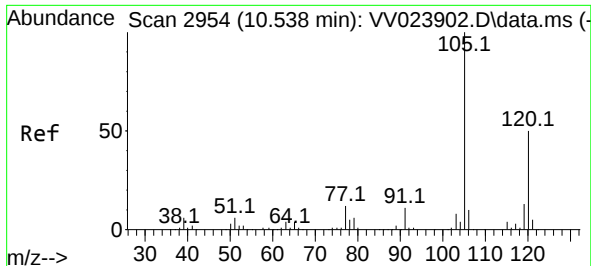


#61
1,2,3-Trichloropropane
Concen: 4.751 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48



Tgt Ion: 75 Resp: 22729
Ion Ratio Lower Upper
75 100
77 33.3 26.4 39.6
110 44.1 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.138 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

Instrument :

MSVOA_V

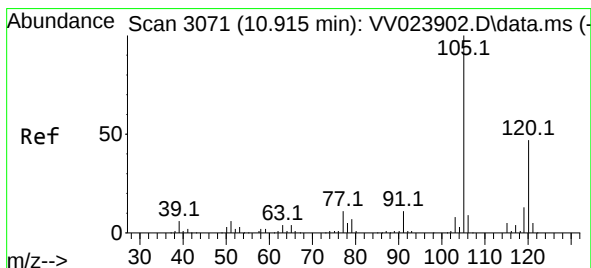
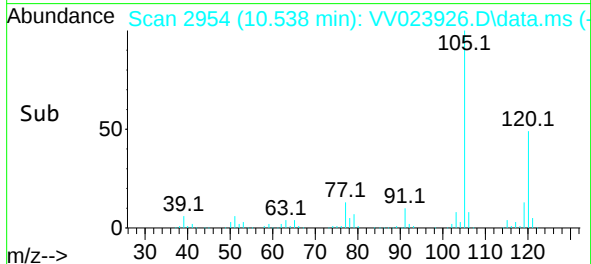
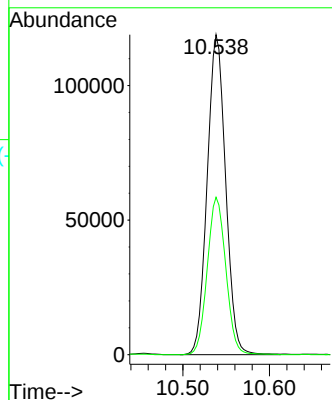
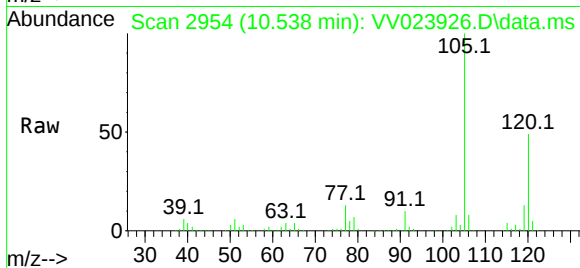
ClientSampleId :

Tgt Ion:105 Resp: 175757

Ion Ratio Lower Upper

105 100

120 49.5 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.257 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023926.D

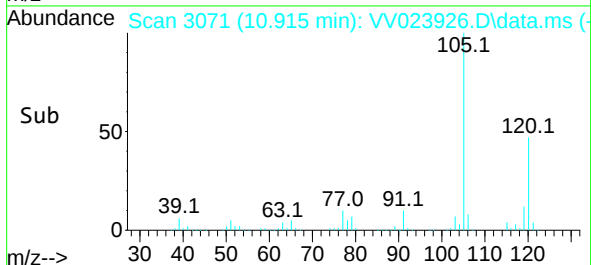
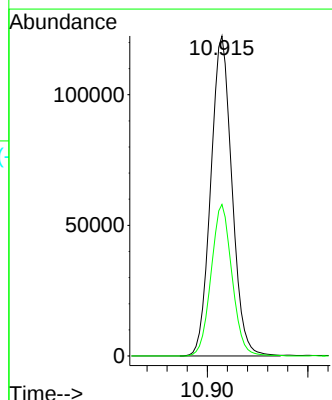
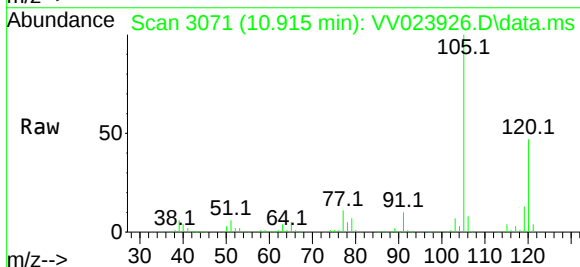
Acq: 11 Dec 2021 07:48

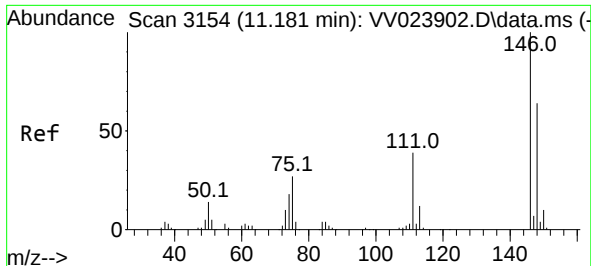
Tgt Ion:105 Resp: 179150

Ion Ratio Lower Upper

105 100

120 46.7 36.7 55.1

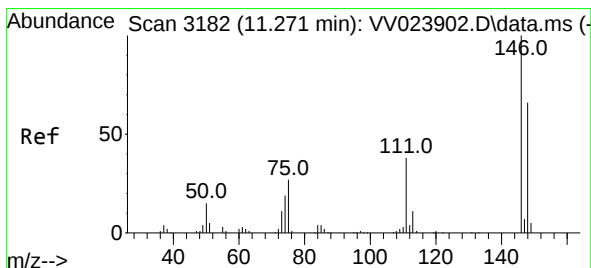
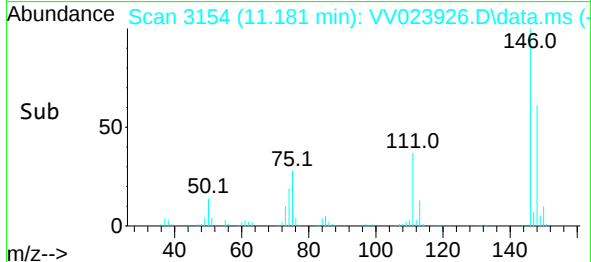
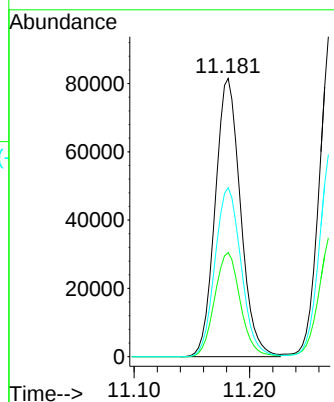
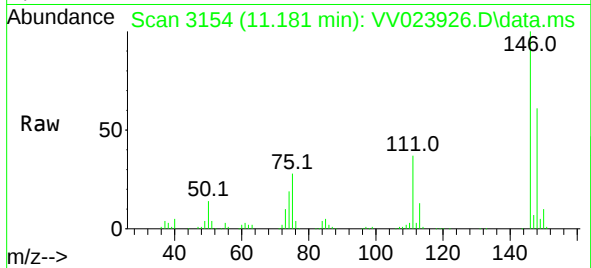




#64
1,3-Dichlorobenzene
Concen: 5.898 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

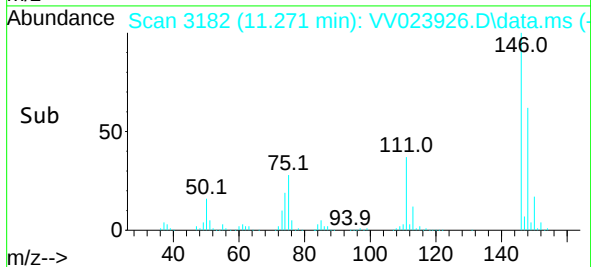
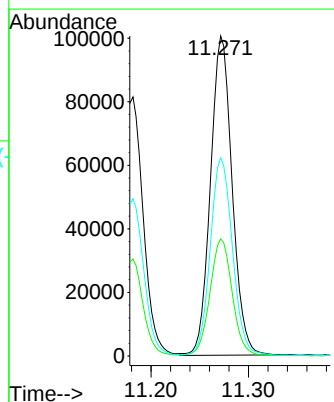
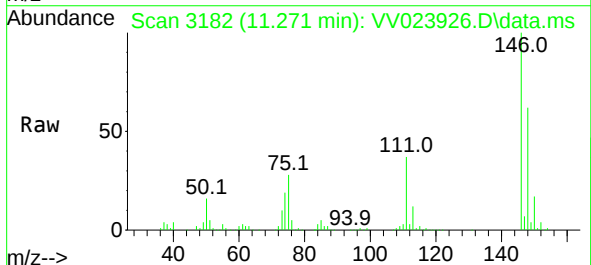
Instrument :
MSVOA_V
ClientSampleId :

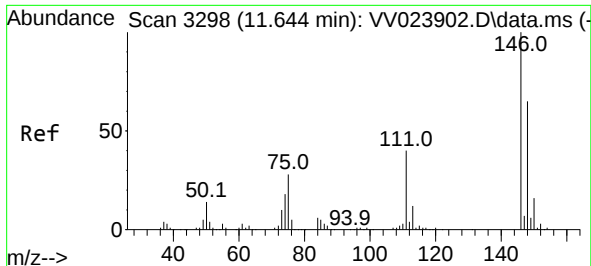
Tgt Ion:146 Resp: 124389
Ion Ratio Lower Upper
146 100
111 37.4 26.3 48.9
148 60.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 7.338 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023926.D
Acq: 11 Dec 2021 07:48

Tgt Ion:146 Resp: 155427
Ion Ratio Lower Upper
146 100
111 36.6 25.6 47.6
148 61.9 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 7.992 ug/L

RT: 11.641 min Scan# 3298

Delta R.T. 0.000 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

Instrument :

MSVOA_V

ClientSampleId :

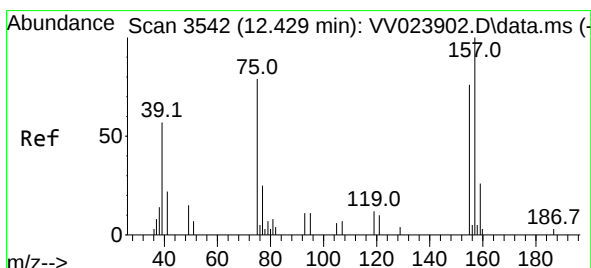
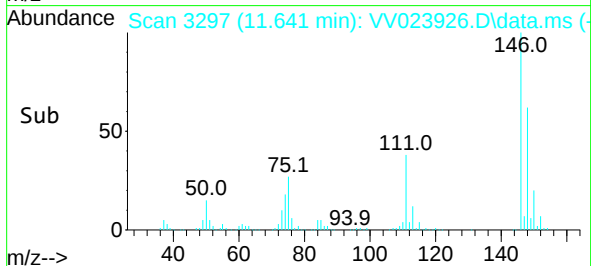
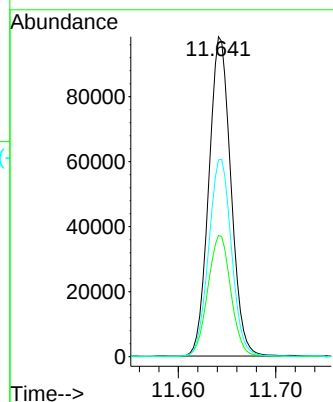
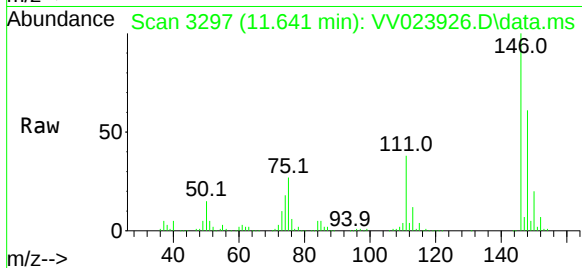
Tgt Ion:146 Resp: 154415

Ion Ratio Lower Upper

146 100

111 37.9 31.9 47.9

148 61.5 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.989 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.003 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

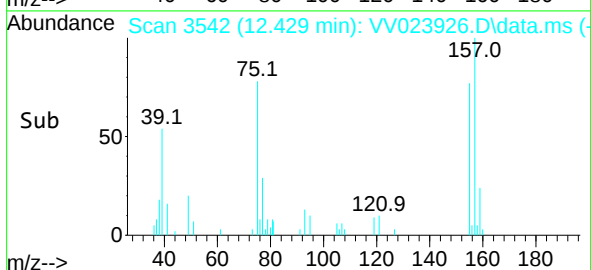
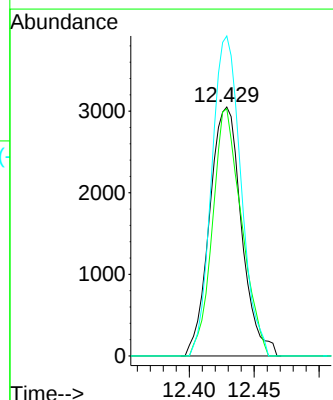
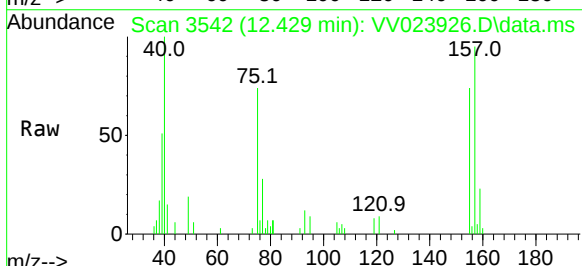
Tgt Ion: 75 Resp: 5213

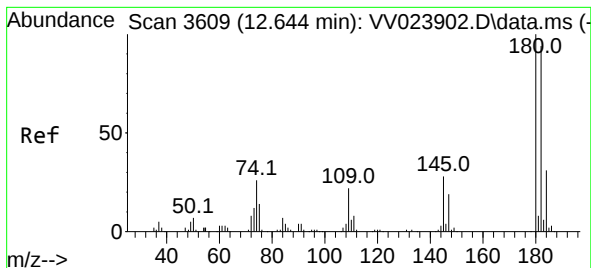
Ion Ratio Lower Upper

75 100

155 99.2 71.7 107.5

157 128.5 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 4.920 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

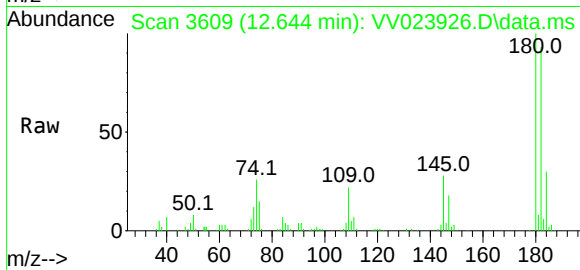
Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 85332

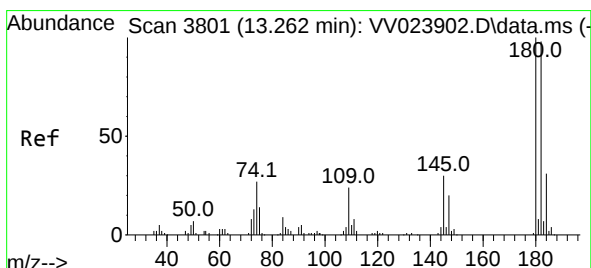
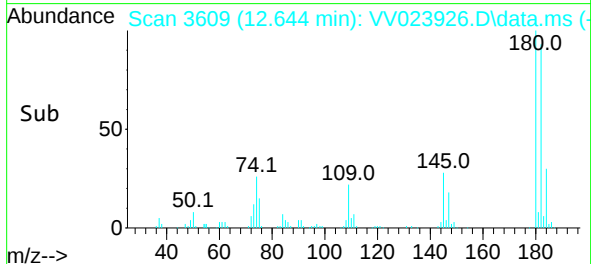
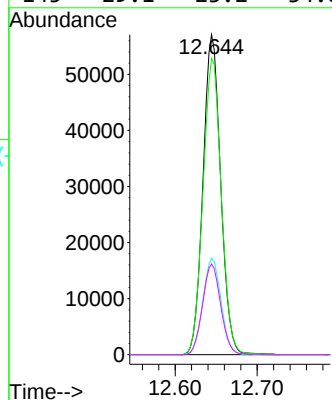
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

184 30.8 24.2 36.4

145 29.1 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.911 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

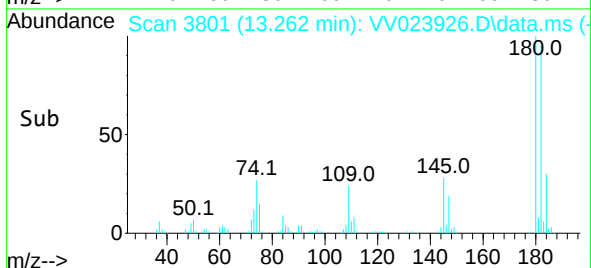
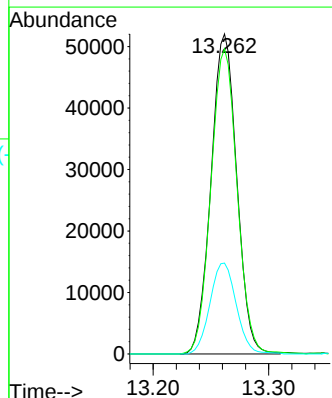
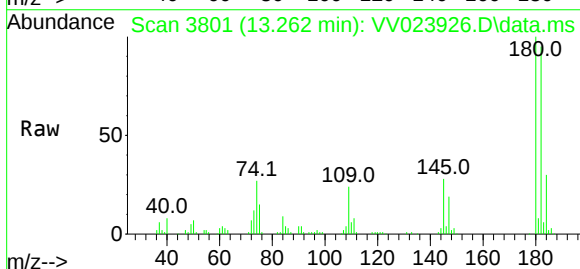
Tgt Ion:180 Resp: 80523

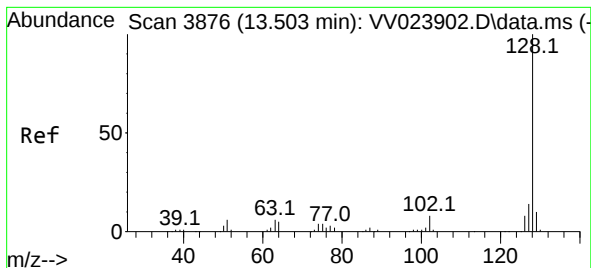
Ion Ratio Lower Upper

180 100

182 97.0 74.4 111.6

145 29.1 23.3 34.9





#71

Naphthalene

Concen: 4.860 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023926.D

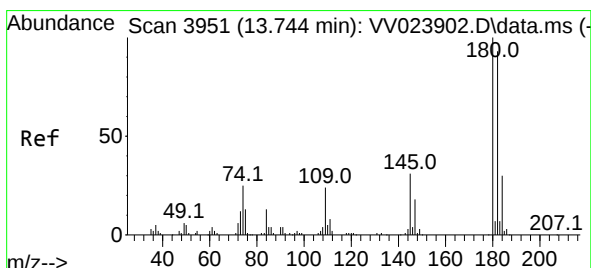
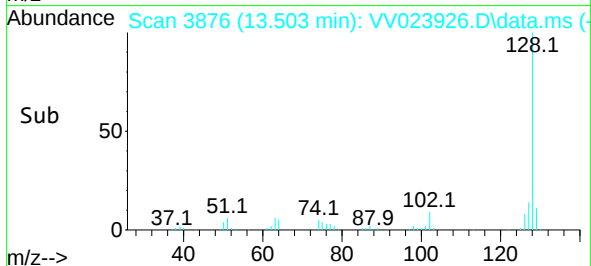
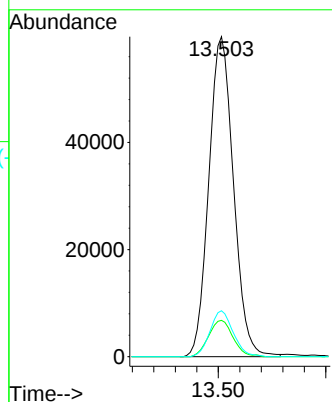
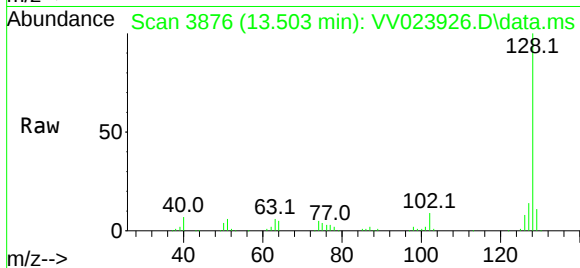
Acq: 11 Dec 2021 07:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	95170
Ion Ratio	Lower	Upper
128	100	
129	11.3	9.0 13.4
127	13.5	10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.453 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.003 min

Lab File: VV023926.D

Acq: 11 Dec 2021 07:48

Tgt Ion:180	Resp:	65591
Ion Ratio	Lower	Upper
180	100	
182	95.8	76.8 115.2
145	31.8	25.8 38.6

