

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034304.D
 Acq On : 21 Feb 2024 05:32
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 05:50:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	78847	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	74557	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	25060	4.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.536	69	21295	3.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.060	65	11764	3.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.825	46	40342	39.336	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.680%
24) Chloroform-d	4.252	84	49458	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	4.947	65	23365	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	4.960	84	90988	4.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	5.989	67	24003	3.839	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.243	98	82466	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.558	79	7862	3.330	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.600%
46) 2-Hexanone-d5	8.030	63	31393	37.246	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15540	4.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	27547	4.290	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	27148	3.757	ug/L	99
3) Chloromethane	1.217	50	32575	4.133	ug/L	97
5) Vinyl chloride	1.285	62	32125	4.266	ug/L	91
6) Bromomethane	1.490	94	15532	3.916	ug/L	100
8) Chloroethane	1.552	64	22714	4.421	ug/L	93
9) Trichlorofluoromethane	1.716	101	55375	5.102	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27828	4.905	ug/L	98
12) 1,1-Dichloroethene	2.069	96	28245	5.128	ug/L	99
13) Acetone	2.391	43	6672	8.575	ug/L	98
14) Carbon disulfide	2.243	76	80878	4.538	ug/L	100
15) Methyl Acetate	2.391	43	7216	3.919	ug/L	98
16) Methylene chloride	2.449	84	26667	5.046	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	55548	4.908	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	27806	4.956	ug/L	98
19) 1,1-Dichloroethane	3.111	63	51989	5.043	ug/L	98
21) 2-Butanone	3.902	43	44045	42.838	ug/L #	64
22) cis-1,2-Dichloroethene	3.815	96	28772	4.520	ug/L	99
23) Bromochloromethane	4.150	128	11461	5.179	ug/L	94
25) Chloroform	4.278	83	53290	5.114	ug/L	97

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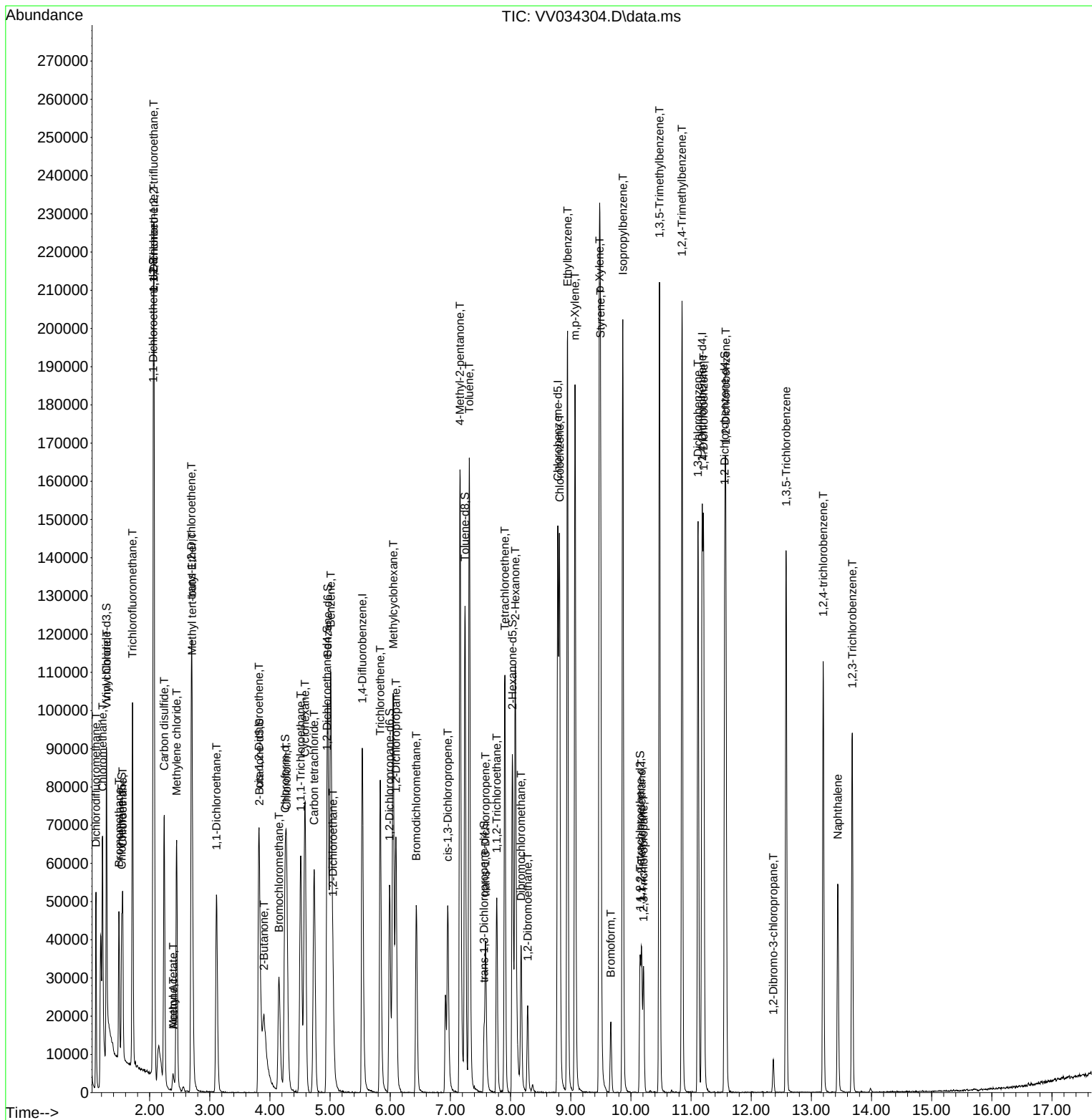
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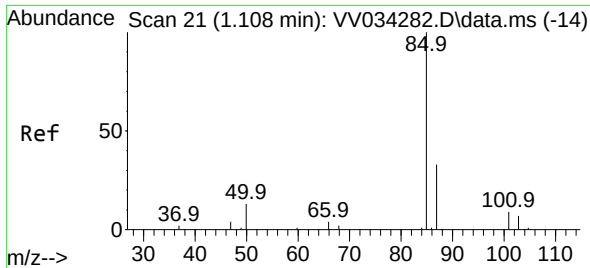
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	29686	4.975	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	51259	5.121	ug/L	98
30) Cyclohexane	4.584	56	41809	4.295	ug/L	94
31) Carbon tetrachloride	4.735	117	44015	5.025	ug/L	98
33) Benzene	5.011	78	110183	4.927	ug/L	100
34) Trichloroethene	5.834	95	29134	4.502	ug/L	97
35) Methylcyclohexane	6.050	83	43895	4.321	ug/L	98
37) 1,2-Dichloropropane	6.095	63	25735	4.751	ug/L	99
38) Bromodichloromethane	6.432	83	33908	4.769	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	30601	3.713	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	117118	45.151	ug/L	98
42) Toluene	7.313	91	119157	4.986	ug/L	96
44) trans-1,3-Dichloropropene	7.583	75	23486	3.711	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	15244	4.558	ug/L	96
47) Tetrachloroethene	7.905	164	23048	4.383	ug/L	97
48) 2-Hexanone	8.079	43	81226	44.424	ug/L	98
49) Dibromochloromethane	8.175	129	18434	4.638	ug/L	100
50) 1,2-Dibromoethane	8.284	107	14573	4.854	ug/L	100
51) Chlorobenzene	8.815	112	73927	4.892	ug/L	100
52) Ethylbenzene	8.947	91	134283	4.881	ug/L	100
53) m,p-Xylene	9.072	106	50220	4.831	ug/L	98
54) o-Xylene	9.477	106	49463	4.934	ug/L	98
55) Styrene	9.497	104	75951	4.732	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	16612	4.706	ug/L #	95
59) Bromoform	9.667	173	8263	4.248	ug/L	96
60) Isopropylbenzene	9.866	105	127462	4.879	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12246	5.045	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	110512	5.004	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	107827	5.025	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	57393	5.039	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	55245	4.898	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	51110	5.224	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2444	4.805	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	41104	4.663	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	32840	4.772	ug/L	99
71) Naphthalene	13.439	128	43371	4.810	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	26949	4.887	ug/L	99

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

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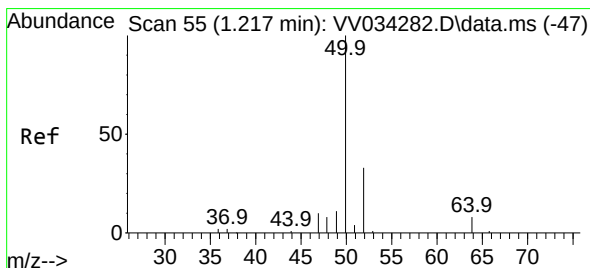
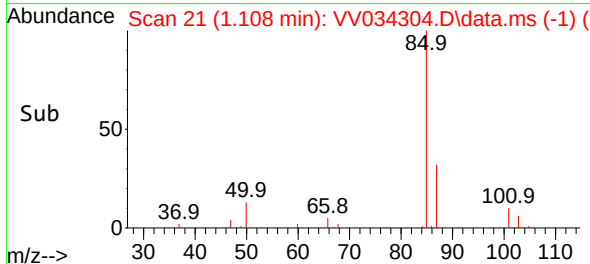
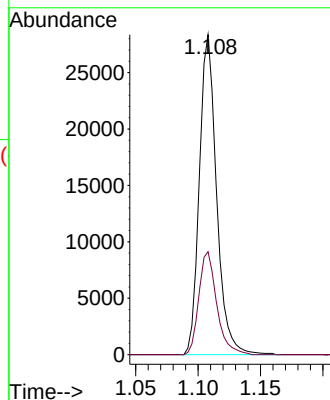
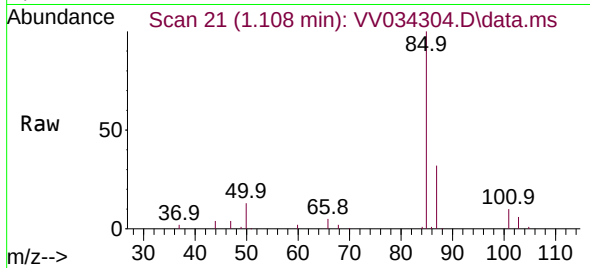




#2
 Dichlorodifluoromethane
 Concen: 3.757 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034304.D
 Acq: 21 Feb 2024 05:32

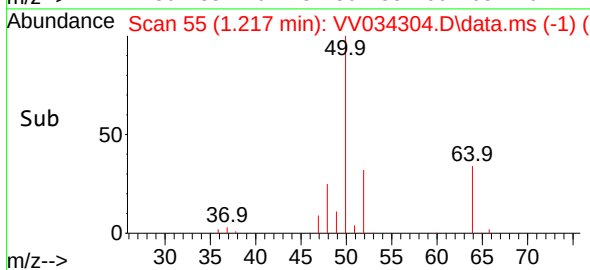
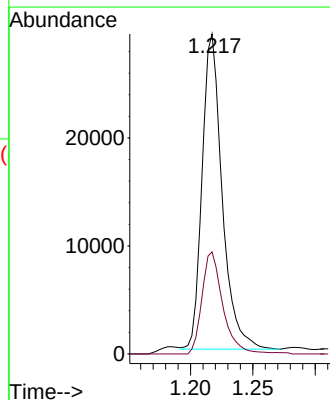
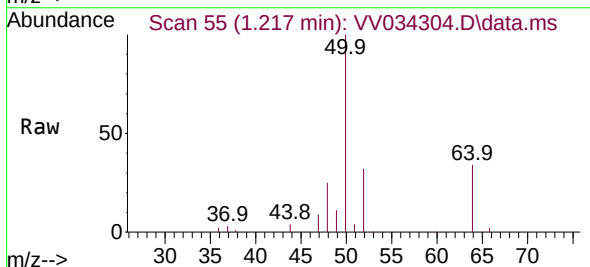
Instrument :
 MSVOA_V
 ClientSampleId :

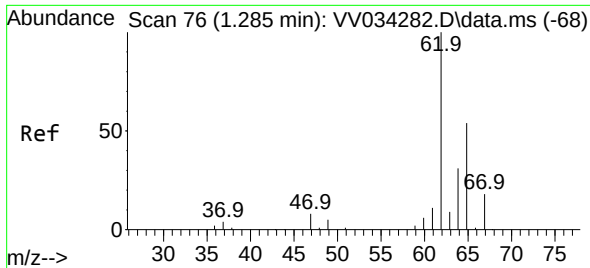
Tgt Ion: 85 Resp: 27148
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.2 39.4



#3
 Chloromethane
 Concen: 4.133 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034304.D
 Acq: 21 Feb 2024 05:32

Tgt Ion: 50 Resp: 32575
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.4 43.4

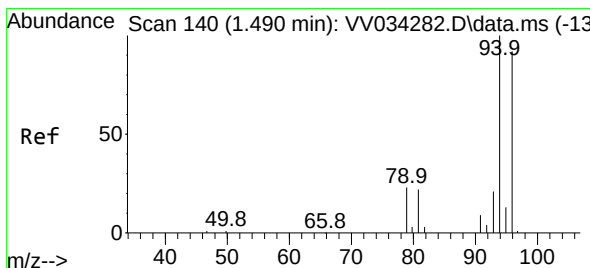
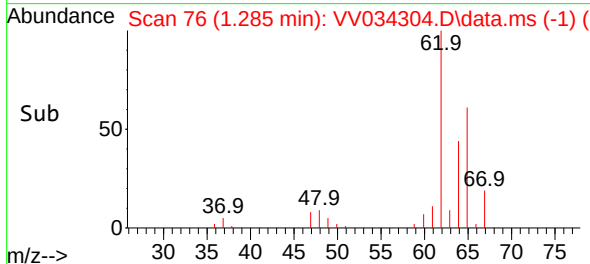
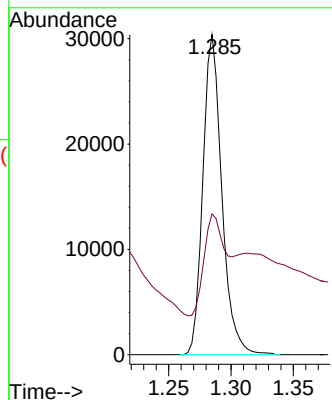
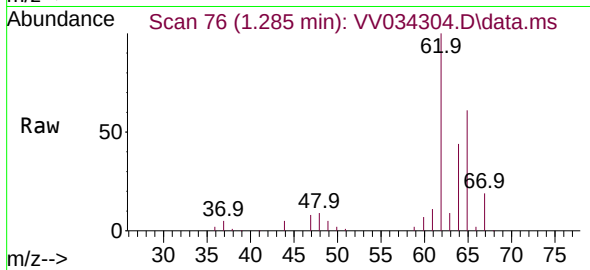




#5
 Vinyl chloride
 Concen: 4.266 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV034304.D
 Acq: 21 Feb 2024 05:32

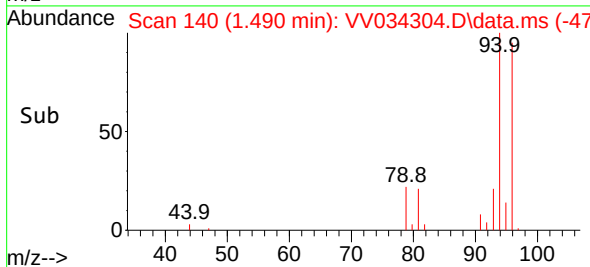
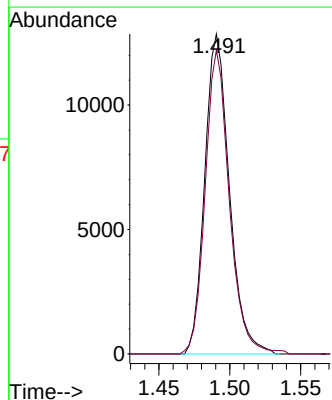
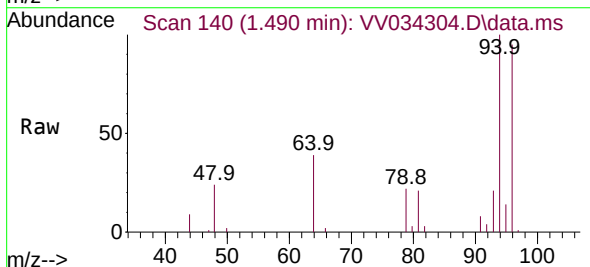
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 ClientSampleId :

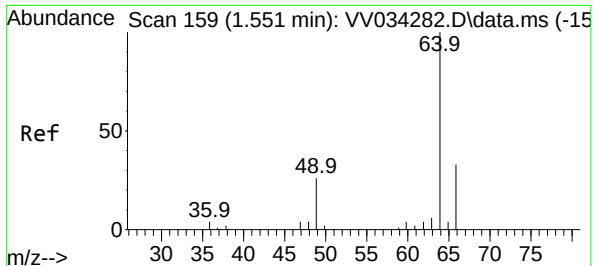
Tgt Ion: 62 Resp: 32125
 Ion Ratio Lower Upper
 62 100
 64 44.0 27.2 50.4



#6
 Bromomethane
 Concen: 3.916 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV034304.D
 Acq: 21 Feb 2024 05:32

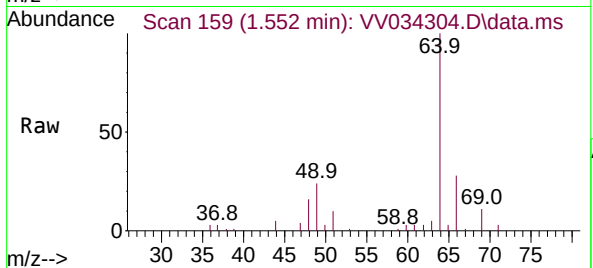
Tgt Ion: 94 Resp: 15532
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.6 123.8



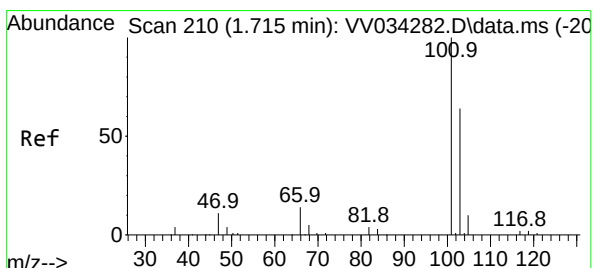
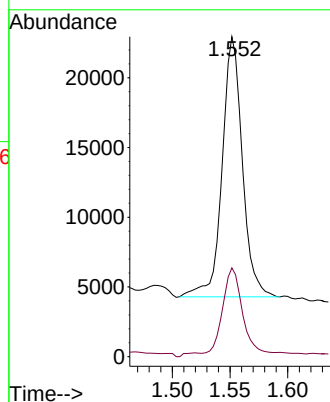
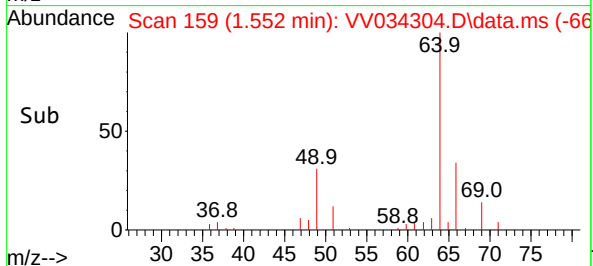


#8
Chloroethane
Concen: 4.421 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Instrument :
MSVOA_V
ClientSampleId :

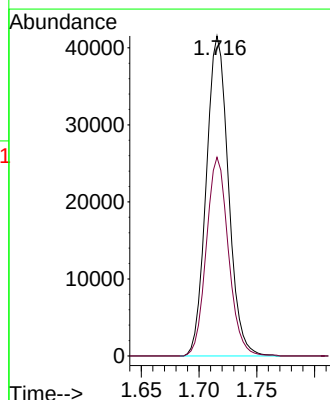
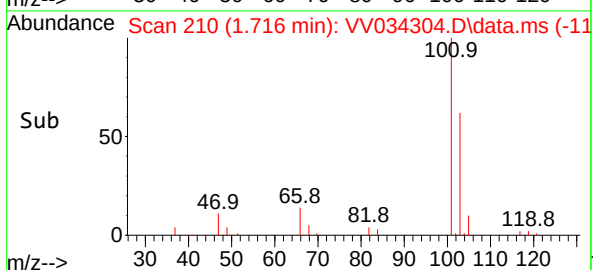
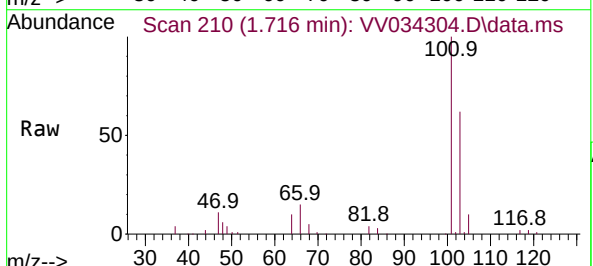


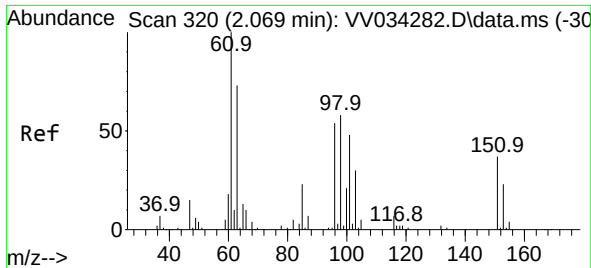
Tgt Ion: 64 Resp: 22714
Ion Ratio Lower Upper
64 100
66 27.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.102 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Tgt Ion: 101 Resp: 55375
Ion Ratio Lower Upper
101 100
103 62.0 51.0 76.4

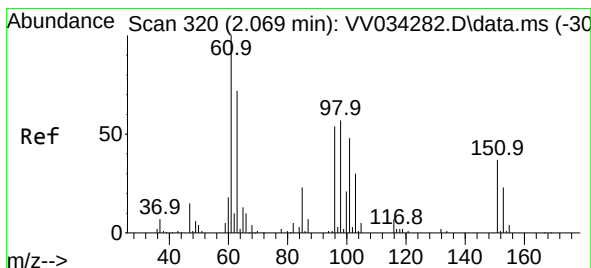
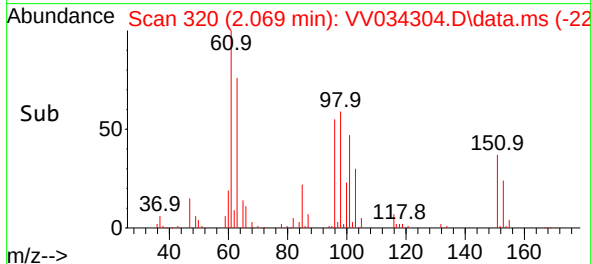
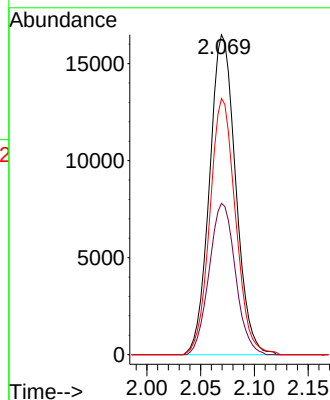
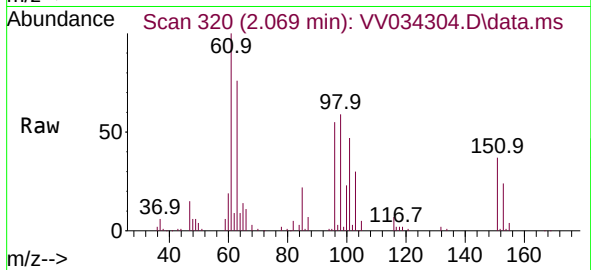




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.905 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034304.D
 Acq: 21 Feb 2024 05:32

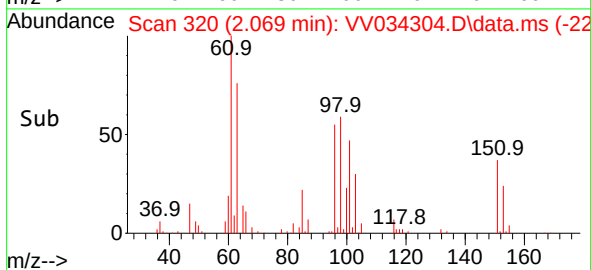
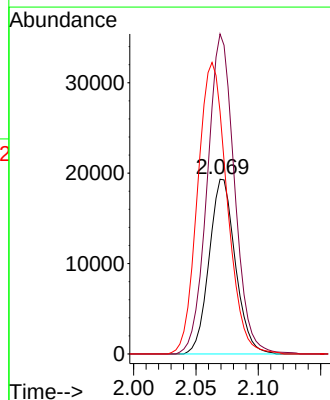
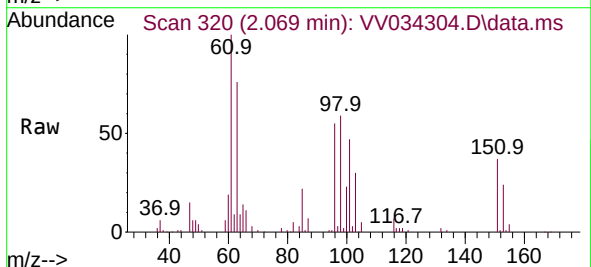
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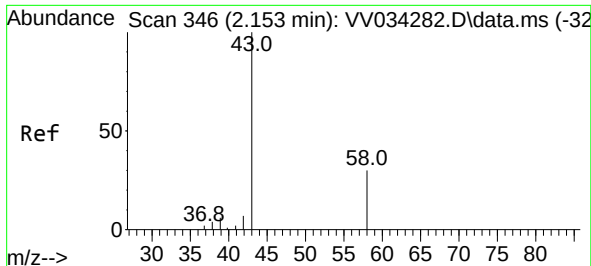
Tgt Ion:101 Resp: 27828
 Ion Ratio Lower Upper
 101 100
 85 47.5 37.1 55.7
 151 79.0 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.128 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034304.D
 Acq: 21 Feb 2024 05:32

Tgt Ion: 96 Resp: 28245
 Ion Ratio Lower Upper
 96 100
 61 183.2 128.8 239.2
 63 138.7 97.9 181.9





#13

Acetone

Concen: 8.575 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.238 min

Lab File: VV034304.D

Acq: 21 Feb 2024 05:32

Instrument :

MSVOA_V

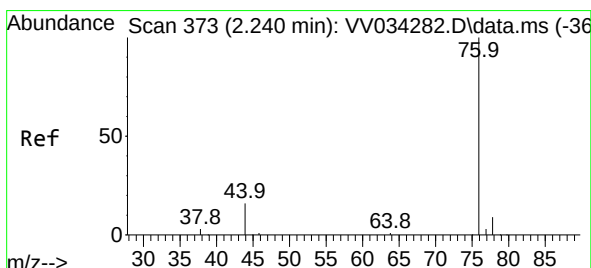
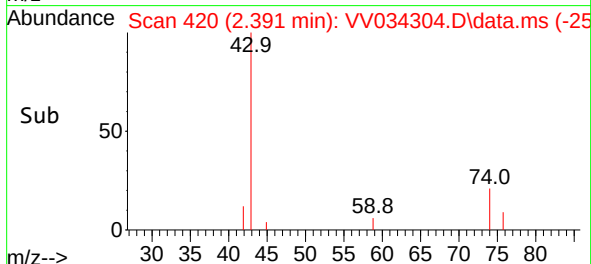
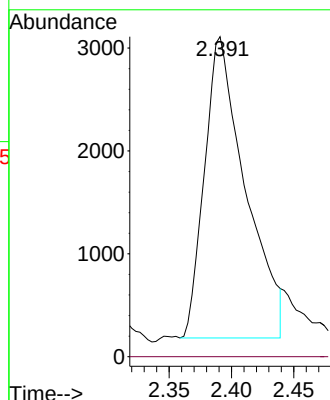
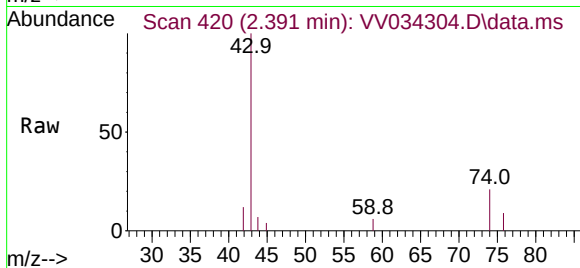
ClientSampleId :

Tgt Ion: 43 Resp: 6672

Ion Ratio Lower Upper

43 100

58 6.1 0.0 13.8



#14

Carbon disulfide

Concen: 4.538 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034304.D

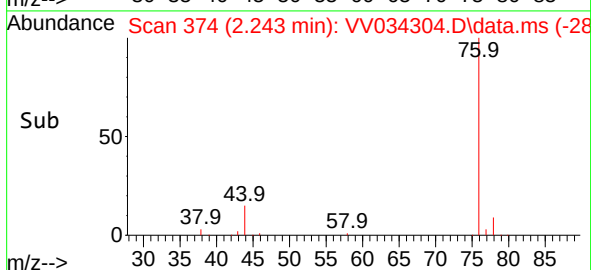
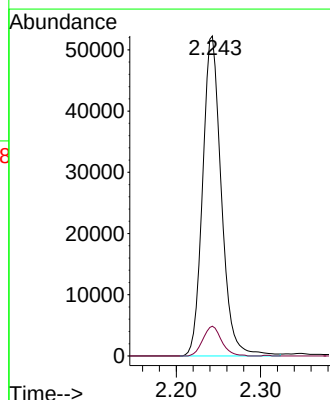
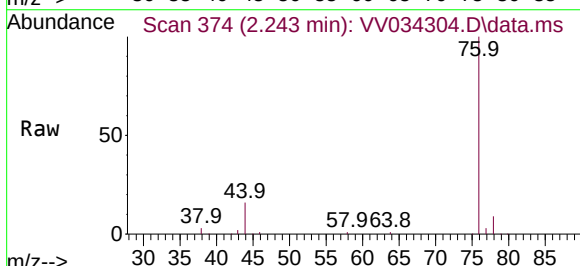
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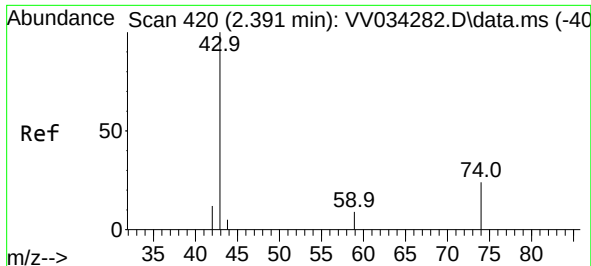
Tgt Ion: 76 Resp: 80878

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

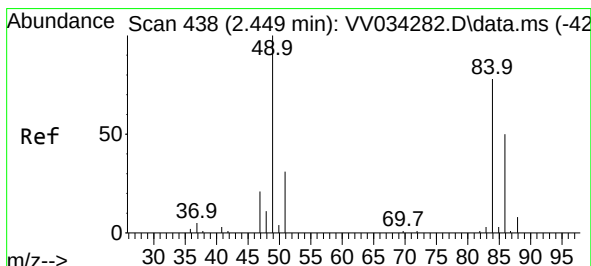
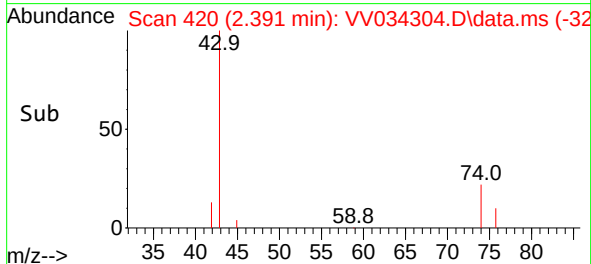
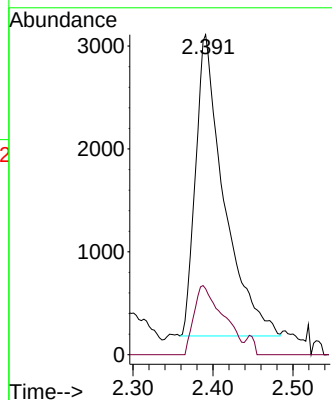
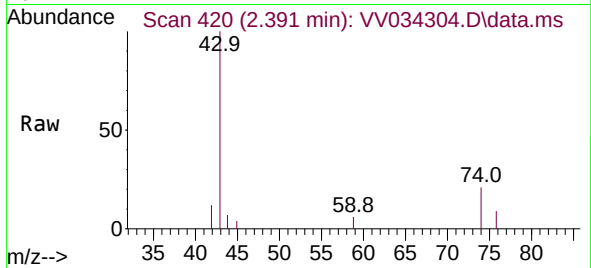




#15
Methyl Acetate
Concen: 3.919 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

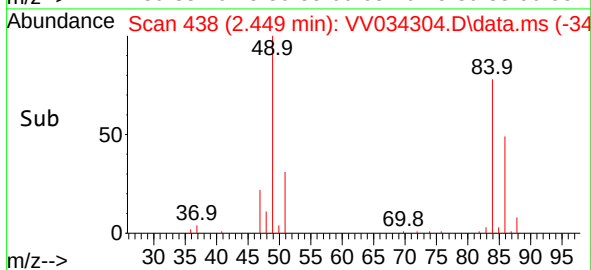
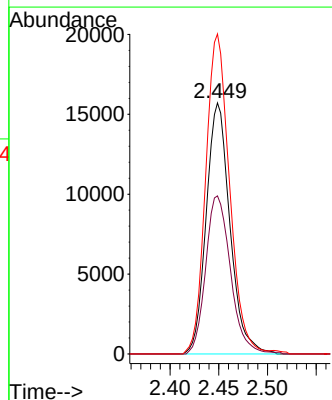
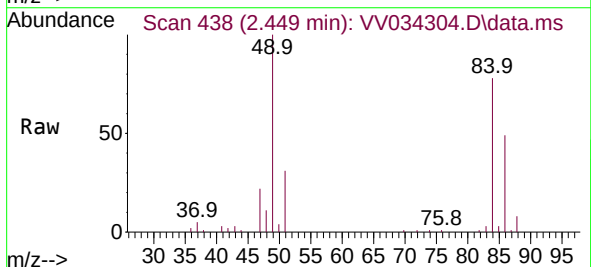
Instrument :
MSVOA_V
ClientSampleId :

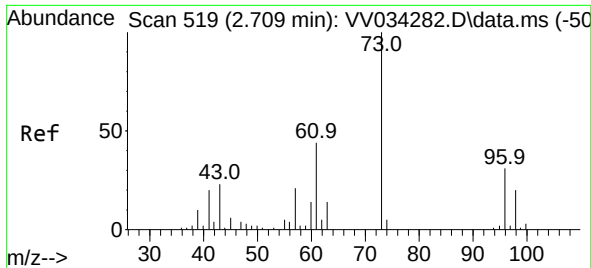
Tgt Ion: 43 Resp: 7216
Ion Ratio Lower Upper
43 100
74 23.8 18.2 27.4



#16
Methylene chloride
Concen: 5.046 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

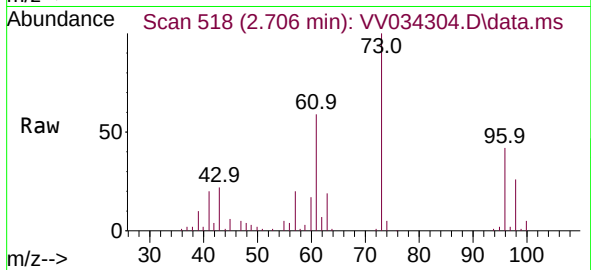
Tgt Ion: 84 Resp: 26667
Ion Ratio Lower Upper
84 100
86 63.0 44.7 83.1
49 127.5 93.7 173.9



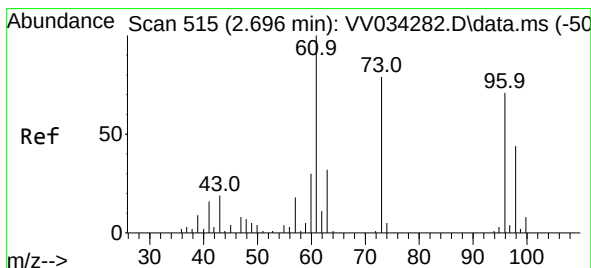
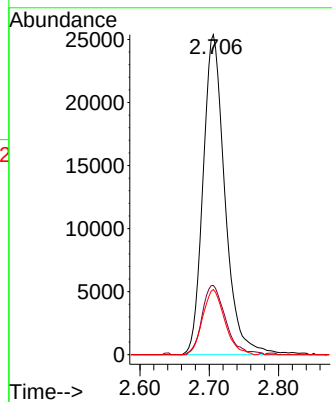
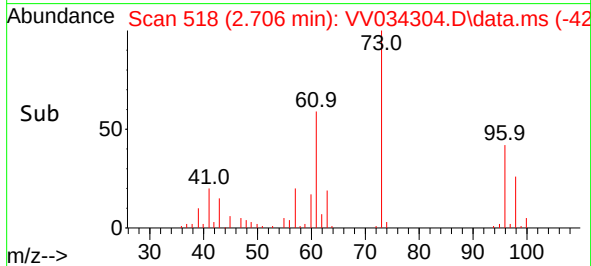


#17
Methyl tert-butyl Ether
Concen: 4.908 ug/L
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

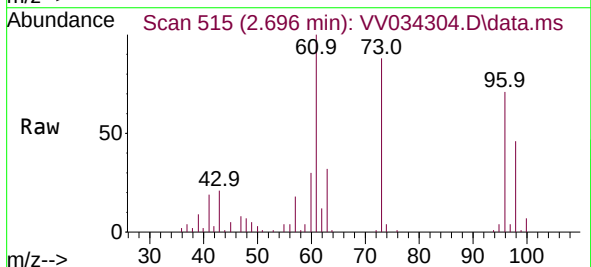
Instrument :
MSVOA_V
ClientSampleId :



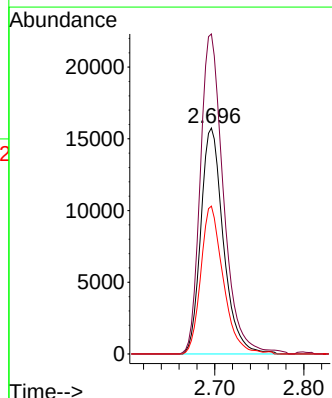
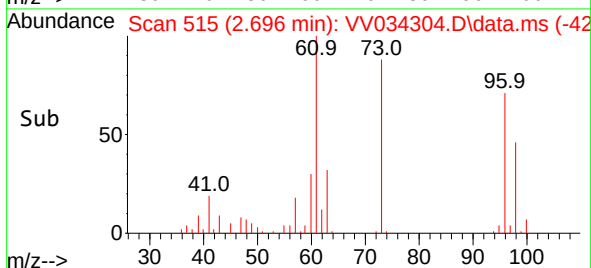
Tgt Ion: 73 Resp: 55548
Ion Ratio Lower Upper
73 100
43 23.3 17.7 26.5
57 20.5 17.9 26.9

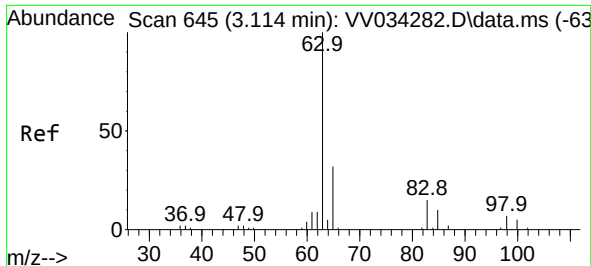


#18
trans-1,2-Dichloroethene
Concen: 4.956 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32



Tgt Ion: 96 Resp: 27806
Ion Ratio Lower Upper
96 100
61 141.7 97.6 181.4
98 65.5 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.043 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV034304.D

Acq: 21 Feb 2024 05:32

Instrument :

MSVOA_V

ClientSampleId :

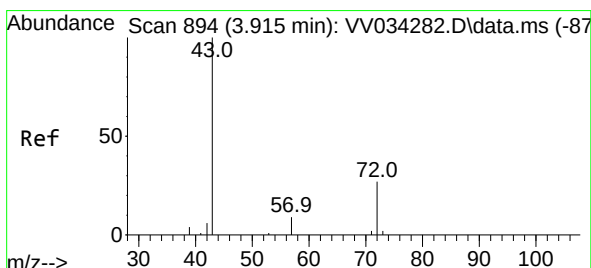
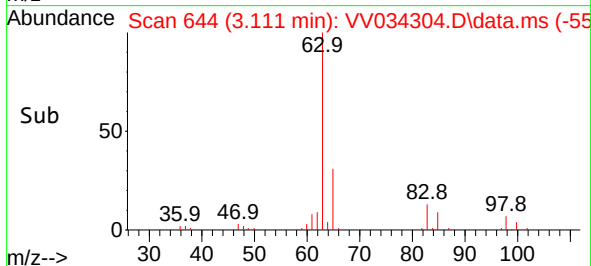
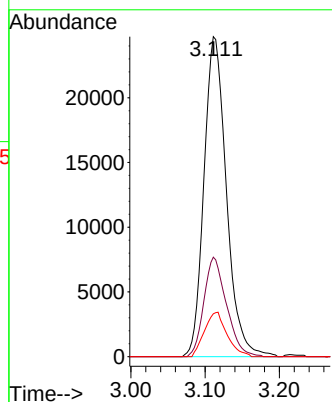
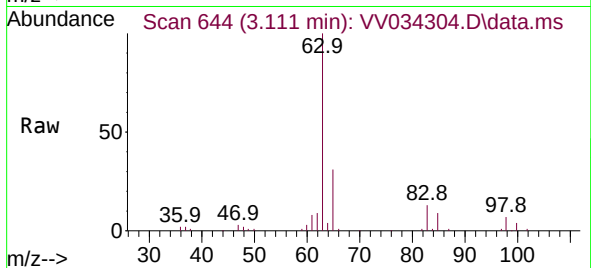
Tgt Ion: 63 Resp: 51989

Ion Ratio Lower Upper

63 100

65 31.1 20.8 38.6

83 13.4 9.4 17.4



#21

2-Butanone

Concen: 42.838 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.013 min

Lab File: VV034304.D

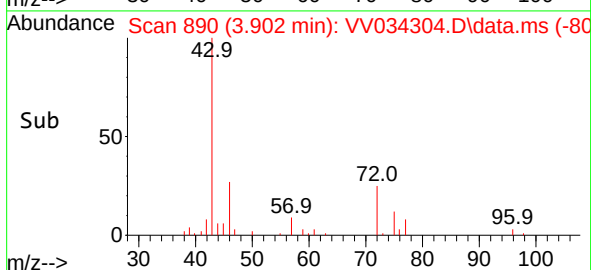
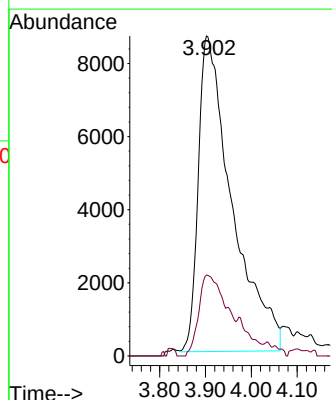
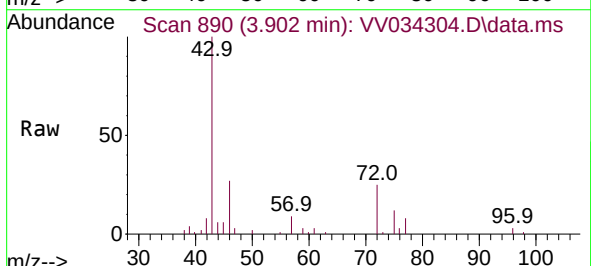
Acq: 21 Feb 2024 05:32

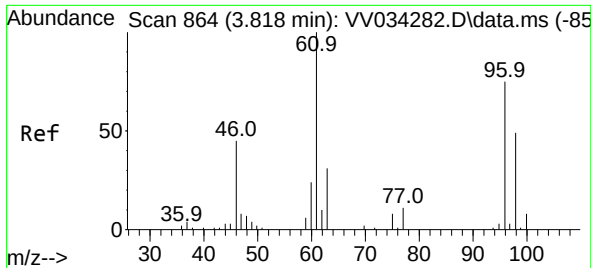
Tgt Ion: 43 Resp: 44045

Ion Ratio Lower Upper

43 100

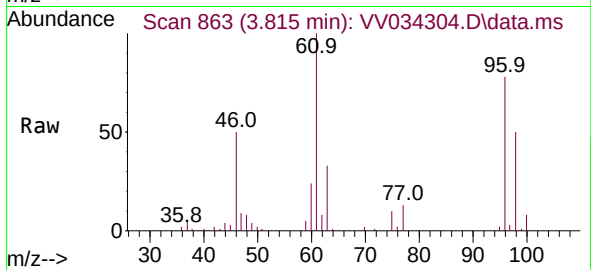
72 20.6 4.0 11.9#





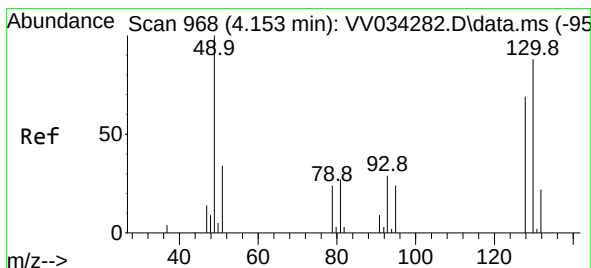
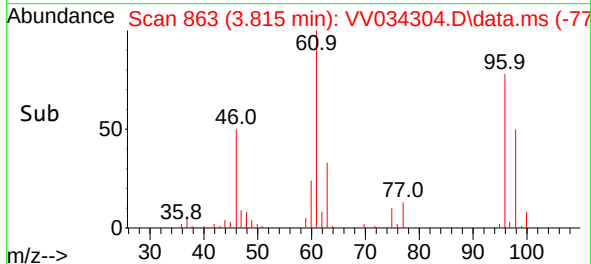
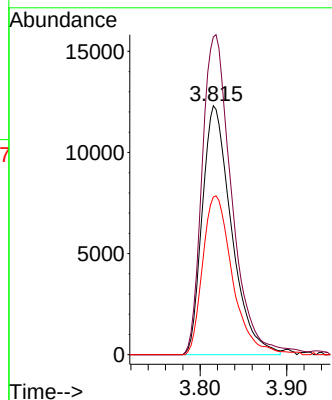
#22
 cis-1,2-Dichloroethene
 Concen: 4.520 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.003 min
 Lab File: VV034304.D
 Acq: 21 Feb 2024 05:32

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 28772

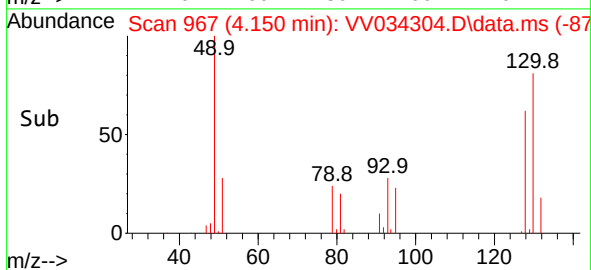
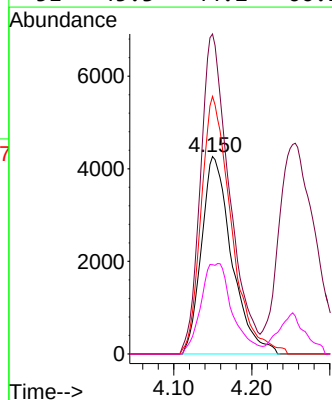
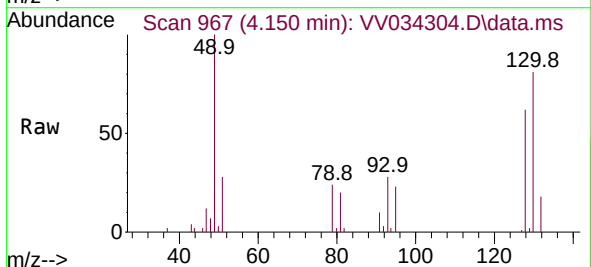
Ion	Ratio	Lower	Upper
96	100		
61	127.7	90.3	167.7
98	63.3	43.2	80.2

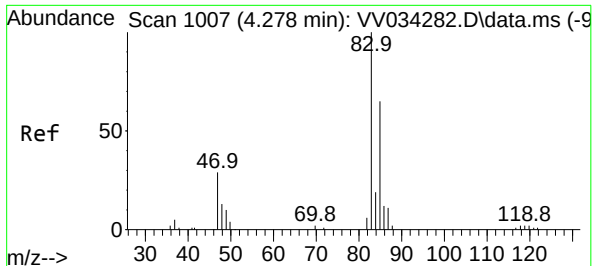


#23
 Bromochloromethane
 Concen: 5.179 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV034304.D
 Acq: 21 Feb 2024 05:32

Tgt Ion: 128 Resp: 11461

Ion	Ratio	Lower	Upper
128	100		
49	162.1	120.5	223.7
130	130.5	93.4	173.4
51	45.3	44.2	66.2

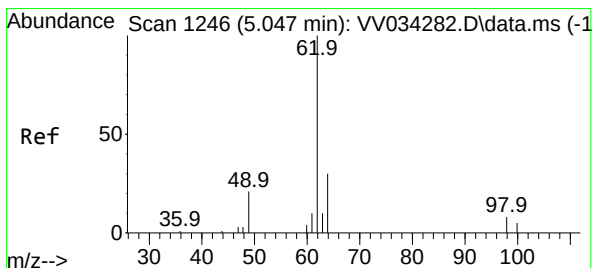
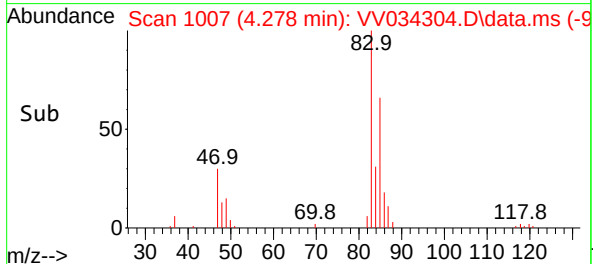
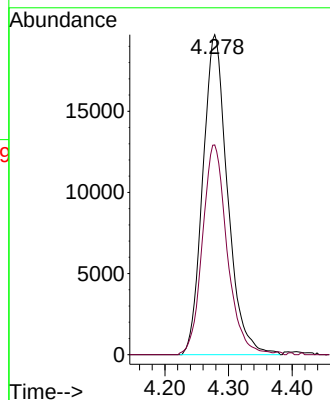
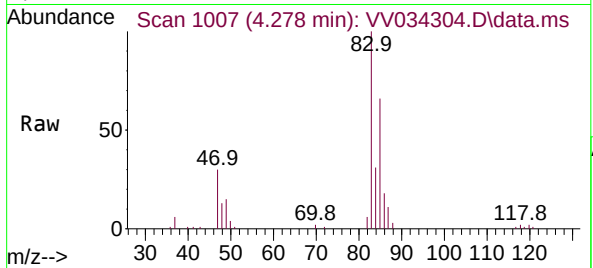




#25
Chloroform
Concen: 5.114 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

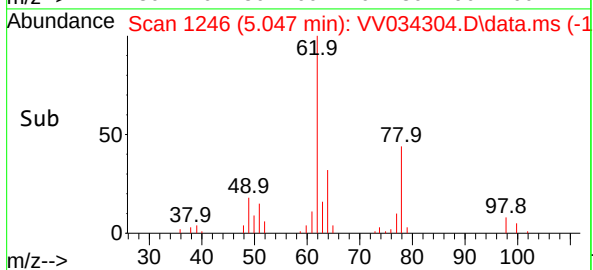
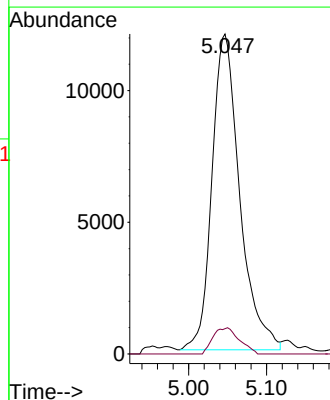
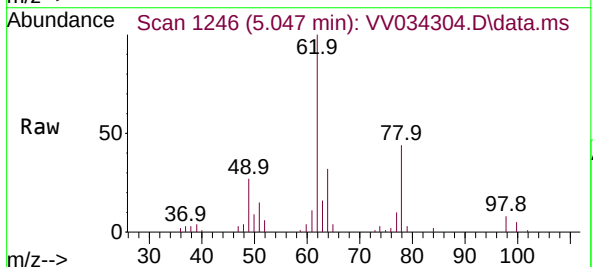
Instrument :
MSVOA_V
ClientSampleId :

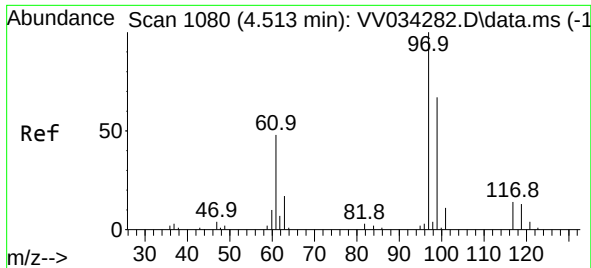
Tgt Ion: 83 Resp: 53290
Ion Ratio Lower Upper
83 100
85 65.6 47.5 88.1



#27
1,2-Dichloroethane
Concen: 4.975 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

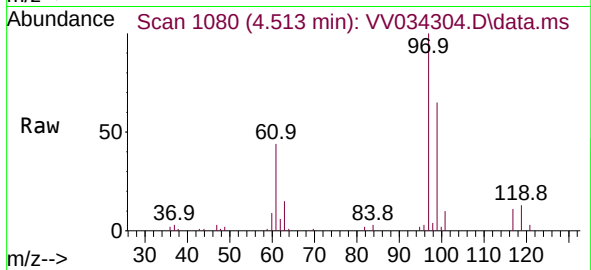
Tgt Ion: 62 Resp: 29686
Ion Ratio Lower Upper
62 100
98 7.9 6.9 10.3



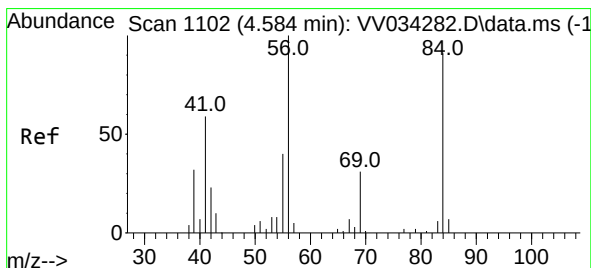
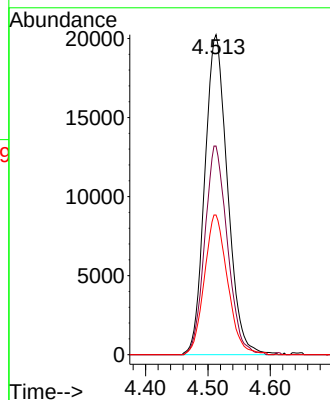
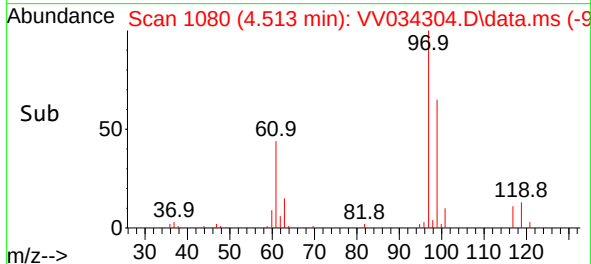


#29
1,1,1-Trichloroethane
Concen: 5.121 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Instrument :
MSVOA_V
ClientSampleId :

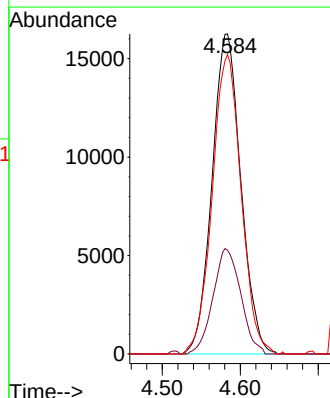
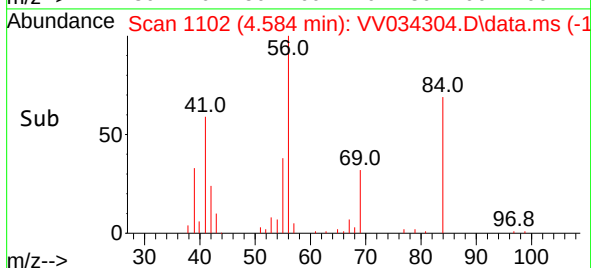
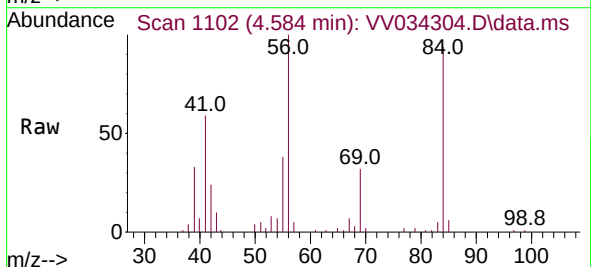


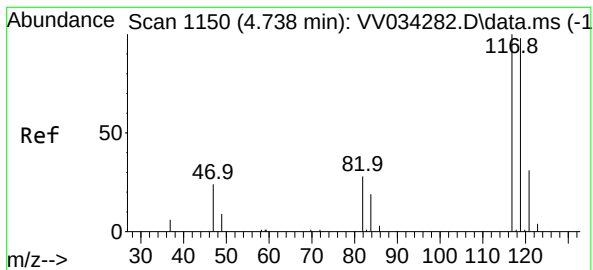
Tgt Ion: 97 Resp: 51259
Ion Ratio Lower Upper
97 100
99 65.1 50.6 75.8
61 44.7 36.8 55.2



#30
Cyclohexane
Concen: 4.295 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Tgt Ion: 56 Resp: 41809
Ion Ratio Lower Upper
56 100
69 31.7 24.2 36.2
84 93.5 70.0 105.0

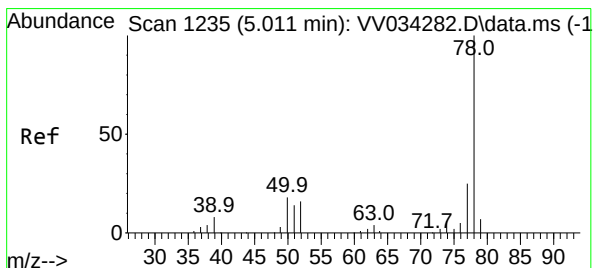
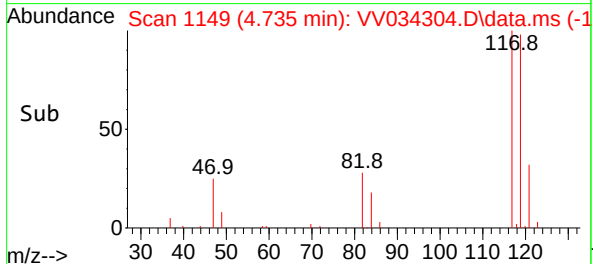
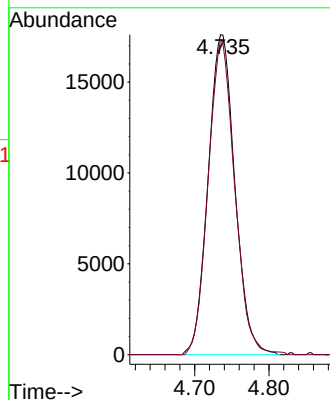
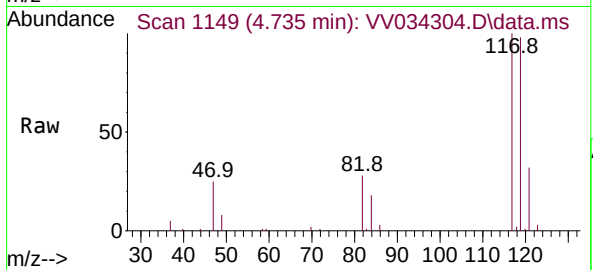




#31
Carbon tetrachloride
Concen: 5.025 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

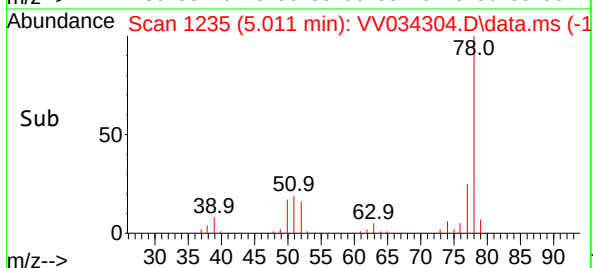
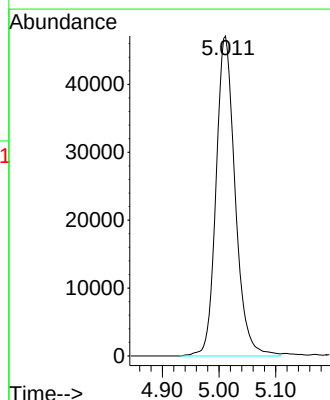
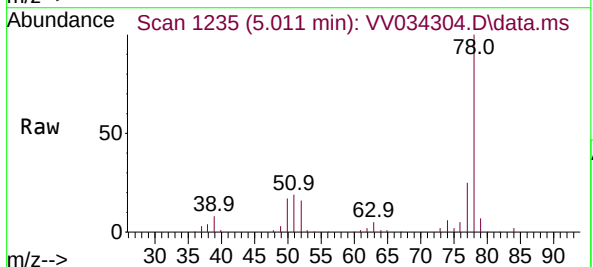
Instrument :
MSVOA_V
ClientSampleId :

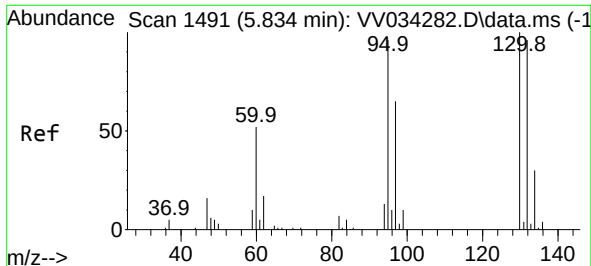
Tgt Ion:117 Resp: 44015
Ion Ratio Lower Upper
117 100
119 97.0 76.1 114.1



#33
Benzene
Concen: 4.927 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

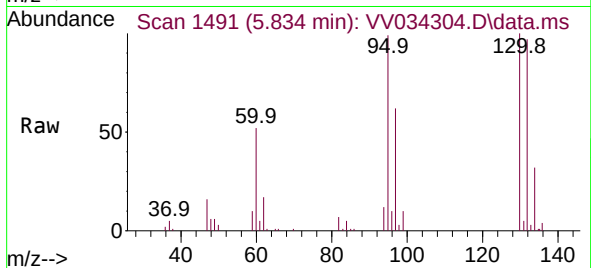
Tgt Ion: 78 Resp: 110183





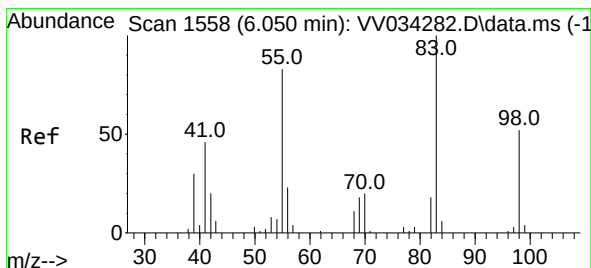
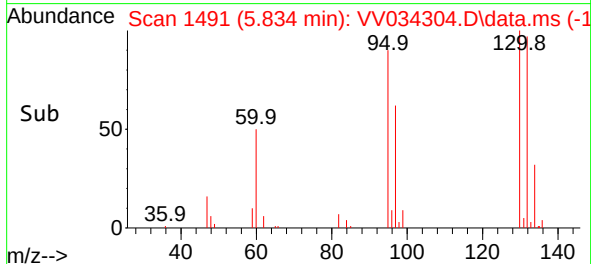
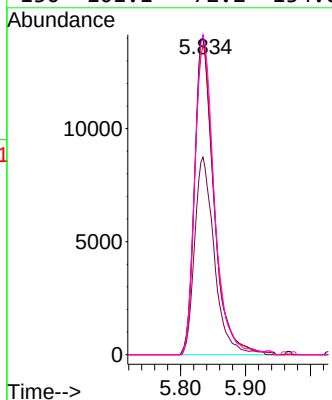
#34
Trichloroethene
Concen: 4.502 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 29134

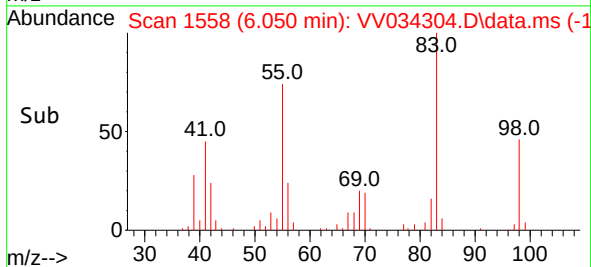
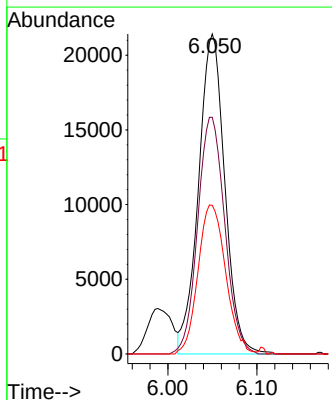
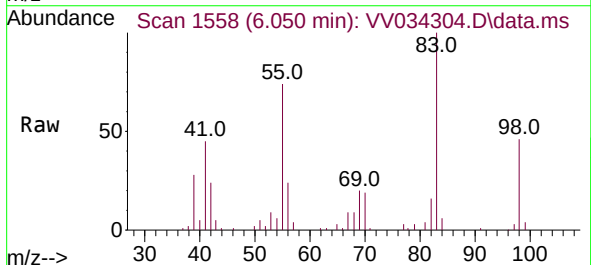
Ion	Ratio	Lower	Upper
95	100		
97	62.4	45.1	83.7
132	97.8	66.0	122.6
130	101.1	72.2	134.0

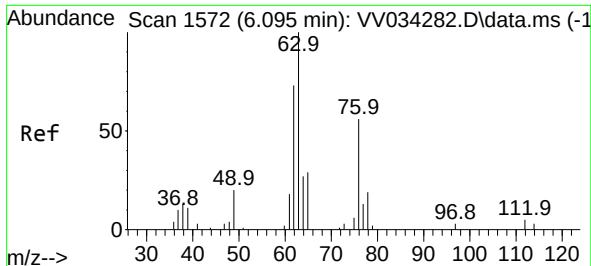


#35
Methylcyclohexane
Concen: 4.321 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Tgt Ion: 83 Resp: 43895

Ion	Ratio	Lower	Upper
83	100		
55	76.2	63.5	95.3
98	49.0	39.0	58.4

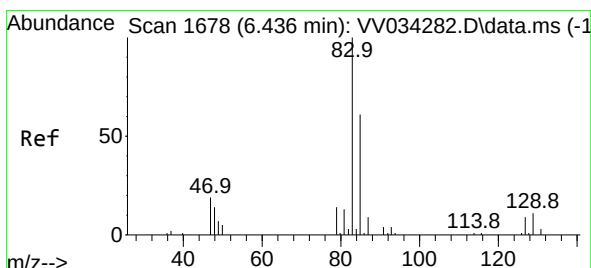
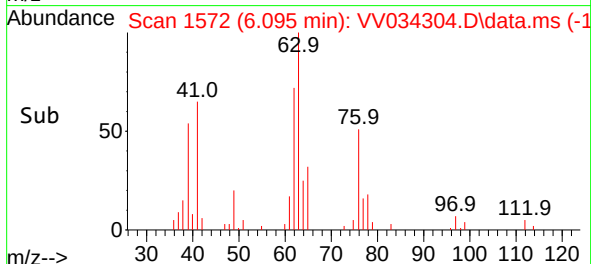
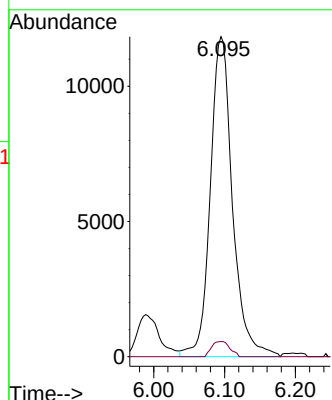
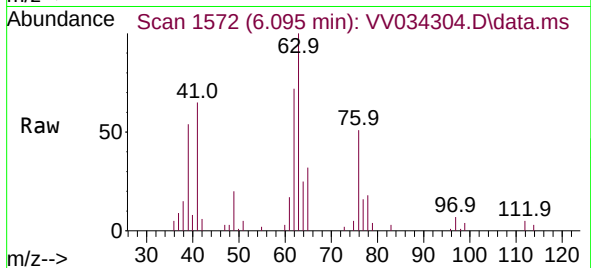




#37
1,2-Dichloropropane
Concen: 4.751 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

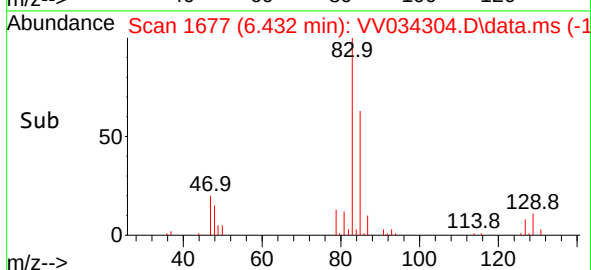
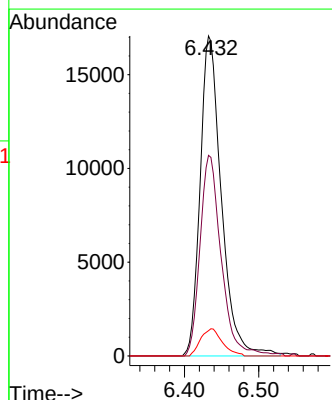
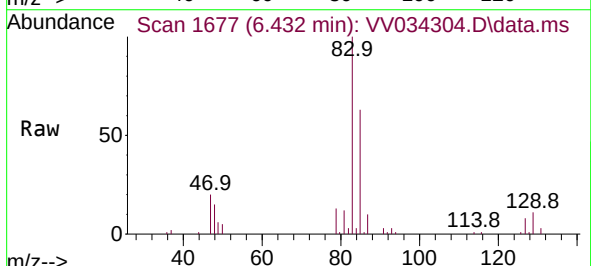
Instrument :
MSVOA_V
ClientSampleId :

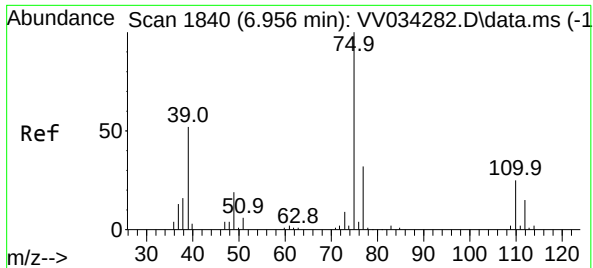
Tgt Ion: 63 Resp: 25735
Ion Ratio Lower Upper
63 100
112 3.9 3.4 5.0



#38
Bromodichloromethane
Concen: 4.769 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.003 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Tgt Ion: 83 Resp: 33908
Ion Ratio Lower Upper
83 100
85 62.7 45.4 84.2
127 7.9 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 3.713 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV034304.D

Acq: 21 Feb 2024 05:32

Instrument :

MSVOA_V

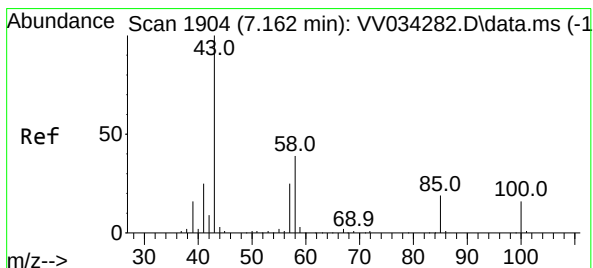
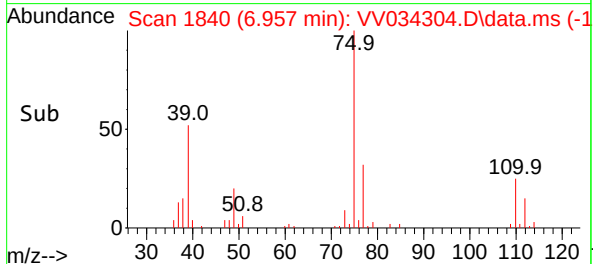
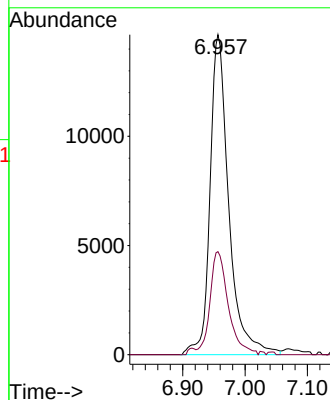
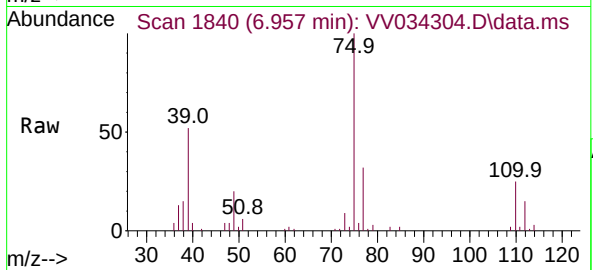
ClientSampleId :

Tgt Ion: 75 Resp: 30601

Ion Ratio Lower Upper

75 100

77 32.2 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 45.151 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV034304.D

Acq: 21 Feb 2024 05:32

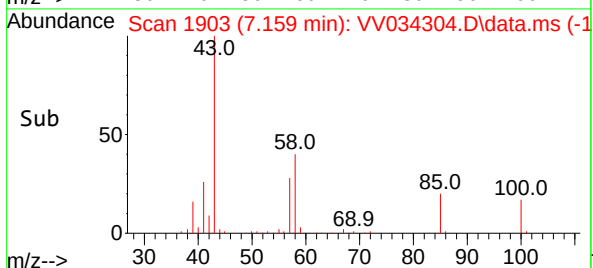
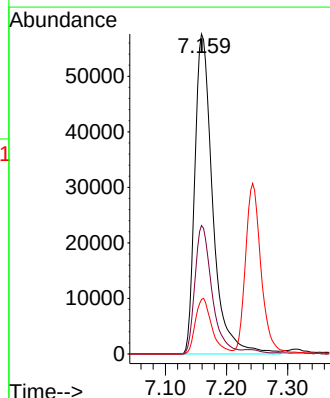
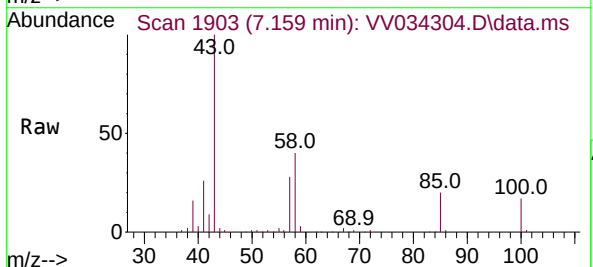
Tgt Ion: 43 Resp: 117118

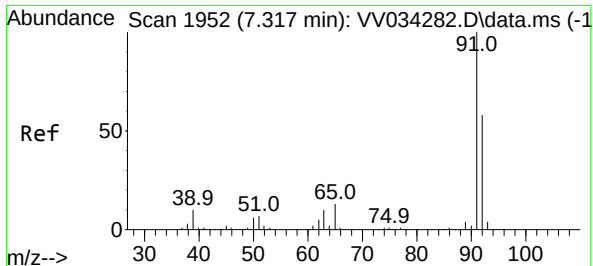
Ion Ratio Lower Upper

43 100

58 38.4 30.2 45.2

100 16.1 12.1 18.1





#42

Toluene

Concen: 4.986 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV034304.D

Acq: 21 Feb 2024 05:32

Instrument :

MSVOA_V

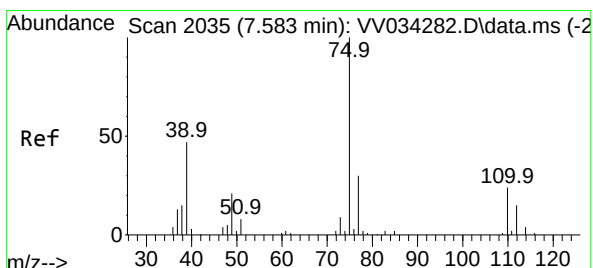
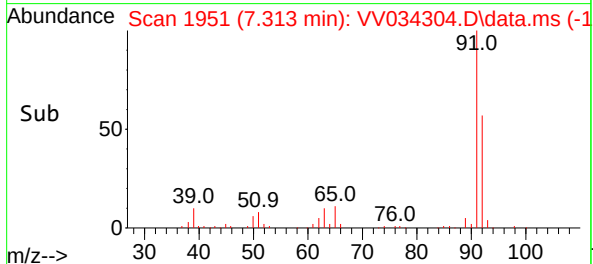
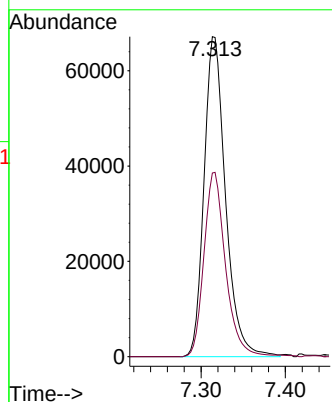
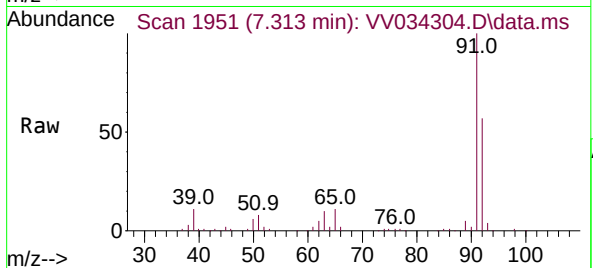
ClientSampleId :

Tgt Ion: 91 Resp: 119157

Ion Ratio Lower Upper

91 100

92 57.4 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 3.711 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034304.D

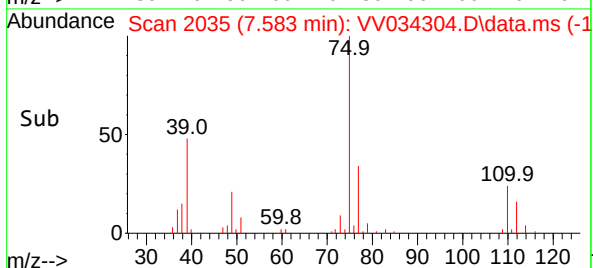
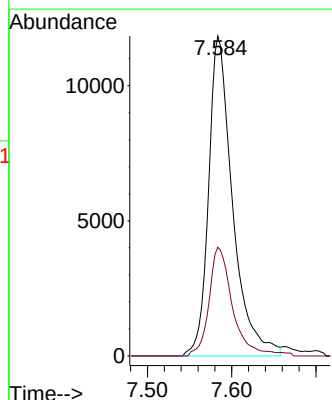
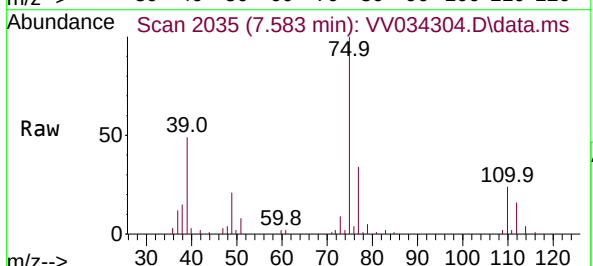
Acq: 21 Feb 2024 05:32

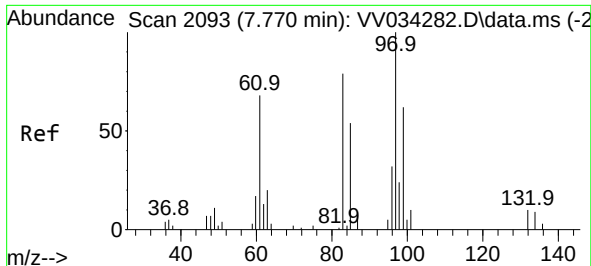
Tgt Ion: 75 Resp: 23486

Ion Ratio Lower Upper

75 100

77 34.0 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 4.558 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

Lab File: VV034304.D

Acq: 21 Feb 2024 05:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 15244

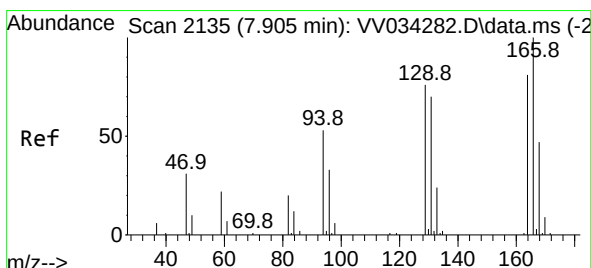
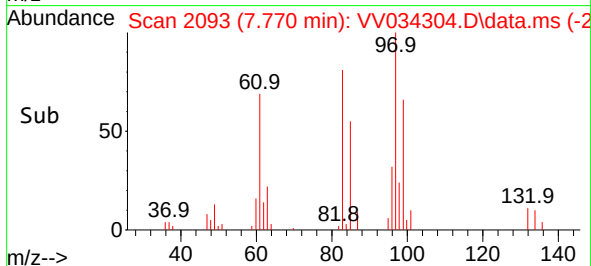
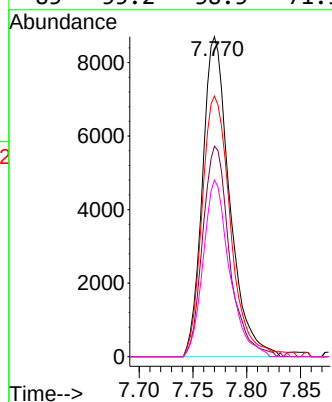
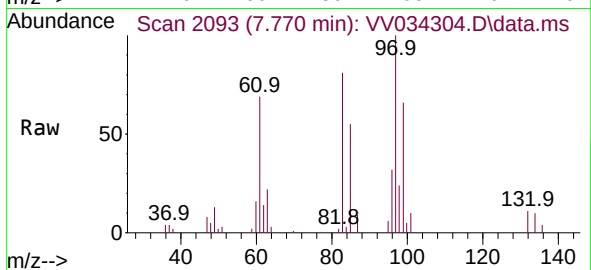
Ion Ratio Lower Upper

97 100

99 65.8 45.6 84.6

83 81.4 62.3 115.7

85 55.2 38.5 71.5



#47

Tetrachloroethene

Concen: 4.383 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV034304.D

Acq: 21 Feb 2024 05:32

Tgt Ion:164 Resp: 23048

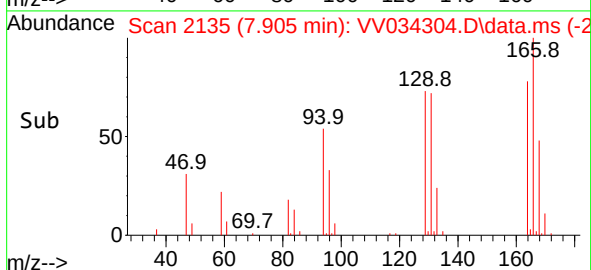
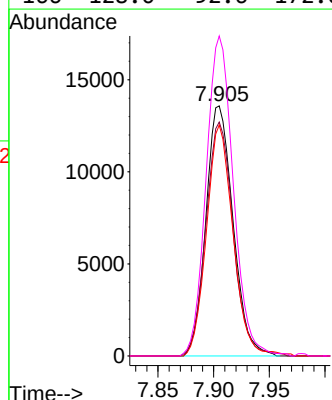
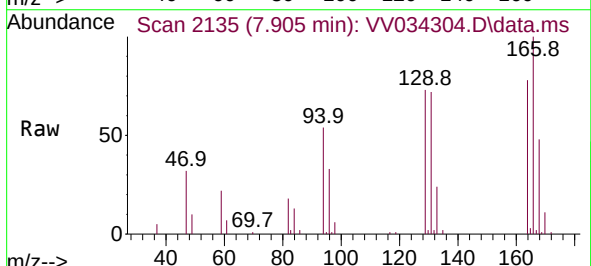
Ion Ratio Lower Upper

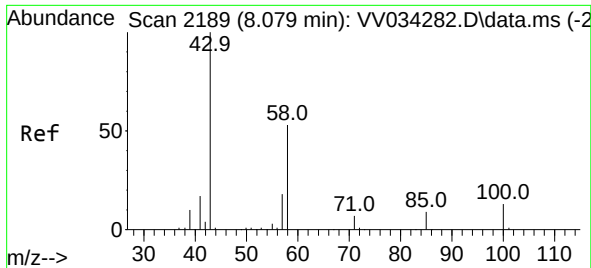
164 100

129 93.6 67.8 125.8

131 92.4 63.0 117.0

166 128.0 92.6 172.0

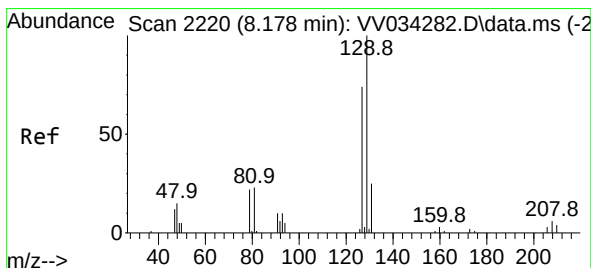
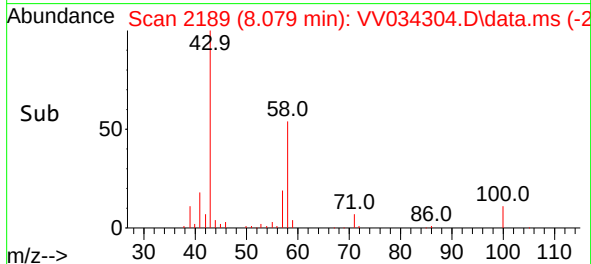
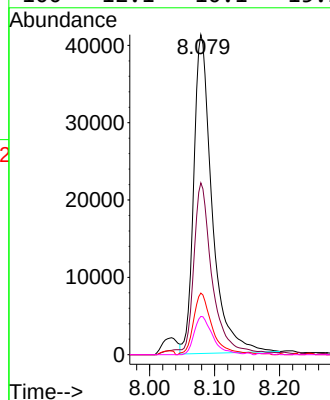
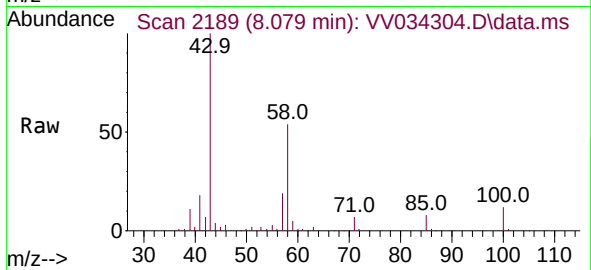




#48
2-Hexanone
Concen: 44.424 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

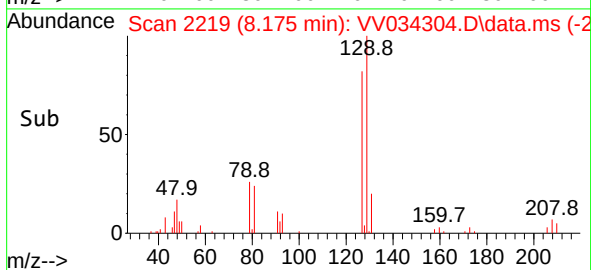
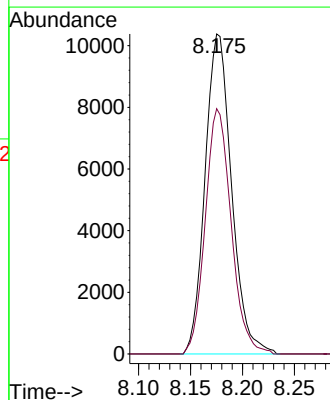
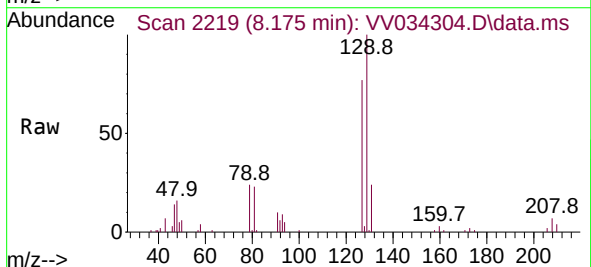
Instrument :
MSVOA_V
ClientSampleId :

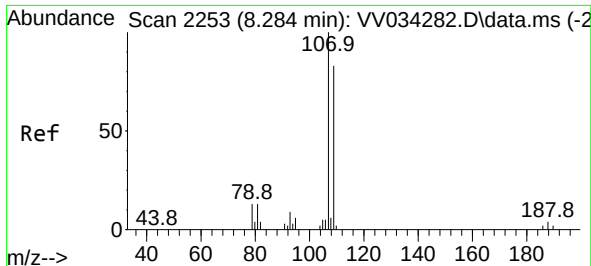
Tgt Ion: 43	Resp: 81226
Ion Ratio	Lower Upper
43	100
58	55.6 42.6 64.0
57	19.4 15.5 23.3
100	12.1 10.1 15.1



#49
Dibromochloromethane
Concen: 4.638 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.003 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Tgt Ion: 129	Resp: 18434
Ion Ratio	Lower Upper
129	100
127	76.7 53.5 99.5

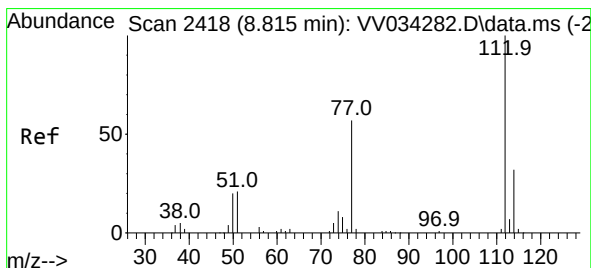
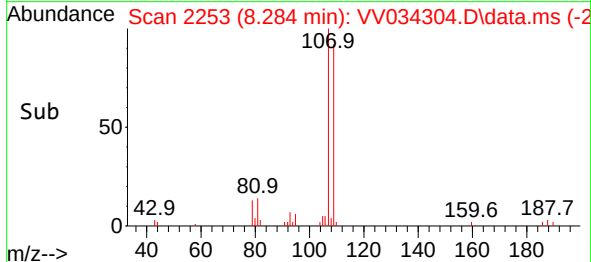
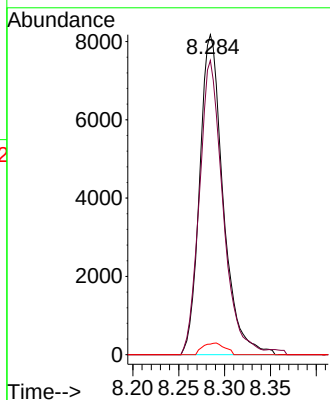
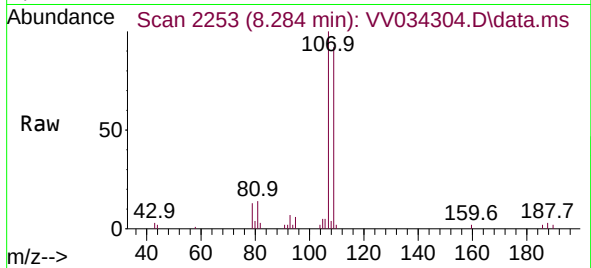




#50
 1,2-Dibromoethane
 Concen: 4.854 ug/L
 RT: 8.284 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034304.D
 Acq: 21 Feb 2024 05:32

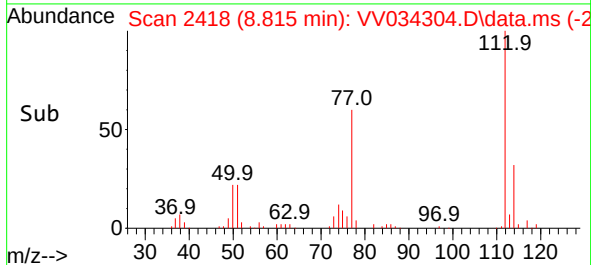
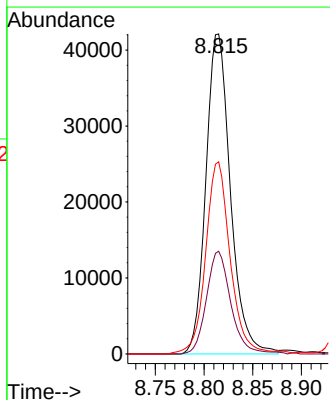
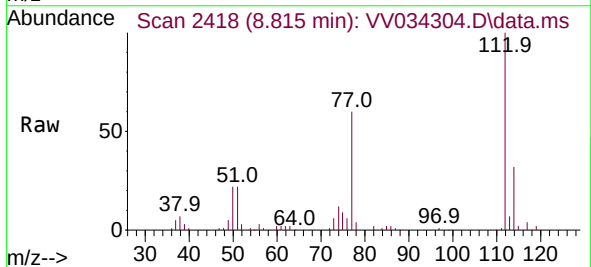
Instrument :
 MSVOA_V
 ClientSampleId :

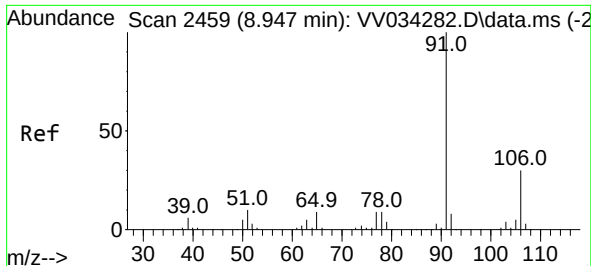
Tgt Ion:107 Resp: 14573
 Ion Ratio Lower Upper
 107 100
 109 91.9 64.5 119.9
 188 3.3 2.6 4.0



#51
 Chlorobenzene
 Concen: 4.892 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. 0.000 min
 Lab File: VV034304.D
 Acq: 21 Feb 2024 05:32

Tgt Ion:112 Resp: 73927
 Ion Ratio Lower Upper
 112 100
 114 32.1 22.5 41.7
 77 60.0 48.1 72.1

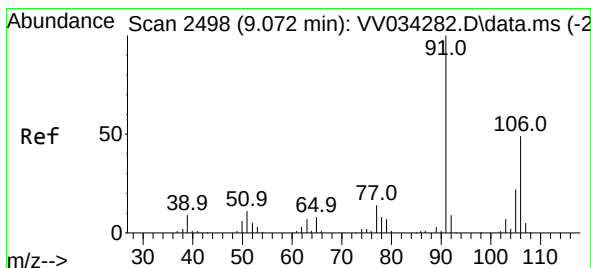
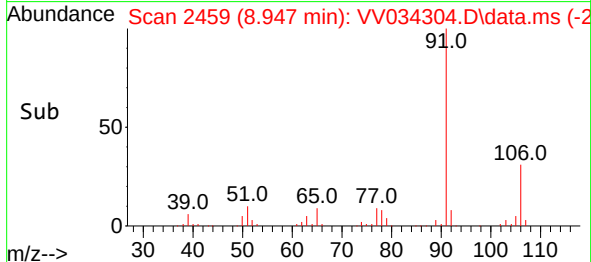
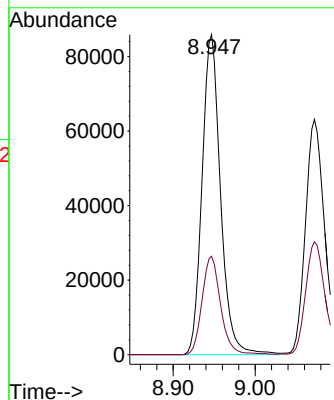
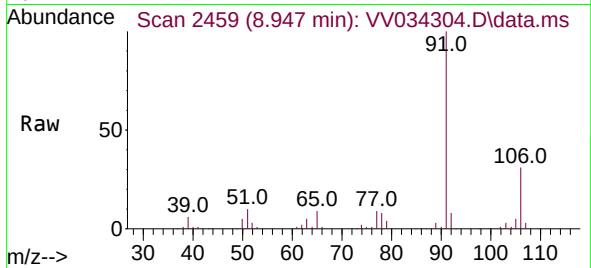




#52
Ethylbenzene
Concen: 4.881 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

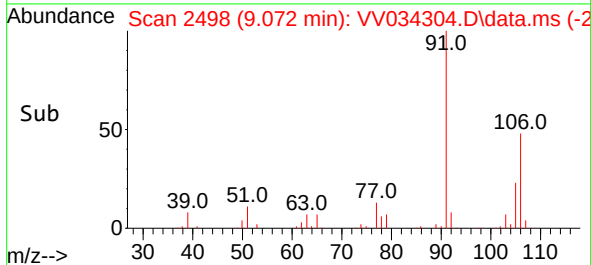
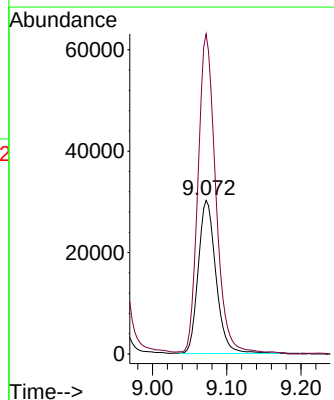
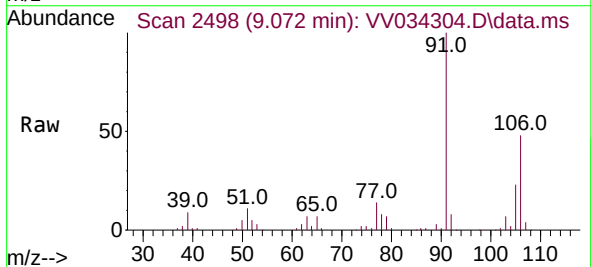
Instrument :
MSVOA_V
ClientSampleId :

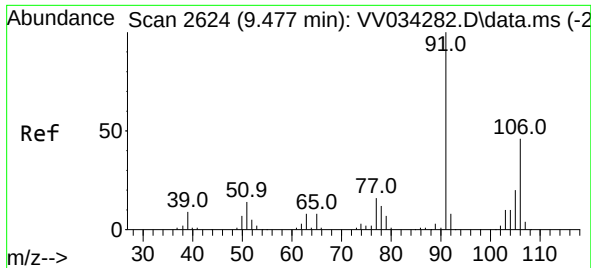
Tgt Ion: 91 Resp: 134283
Ion Ratio Lower Upper
91 100
106 30.7 21.4 39.8



#53
m,p-Xylene
Concen: 4.831 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Tgt Ion:106 Resp: 50220
Ion Ratio Lower Upper
106 100
91 208.2 147.5 273.9

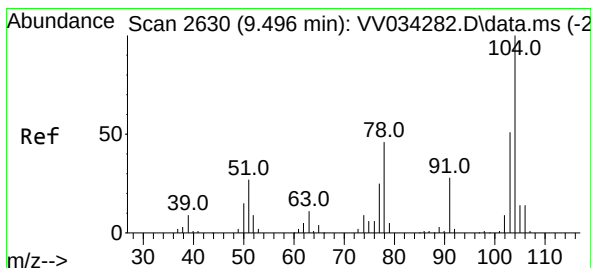
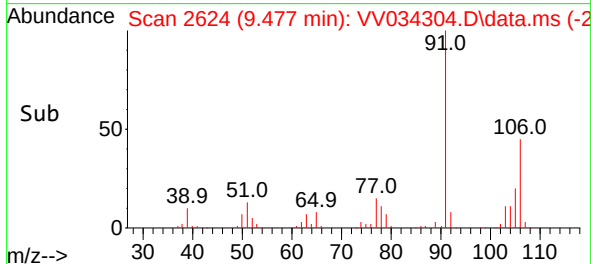
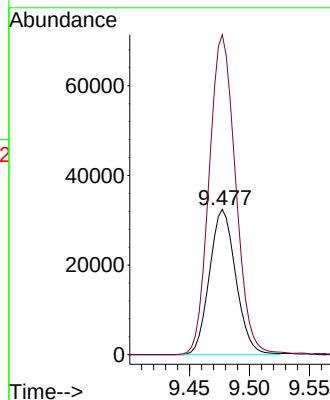
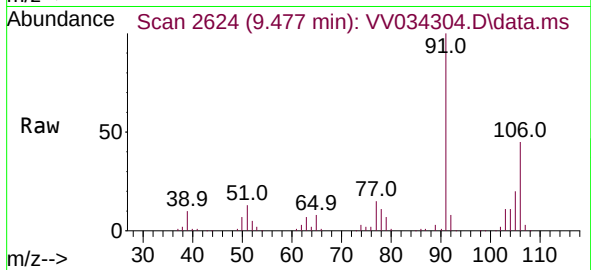




#54
o-Xylene
Concen: 4.934 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

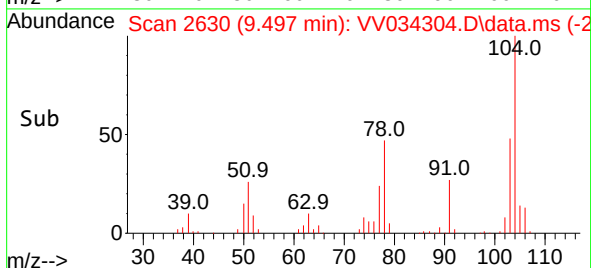
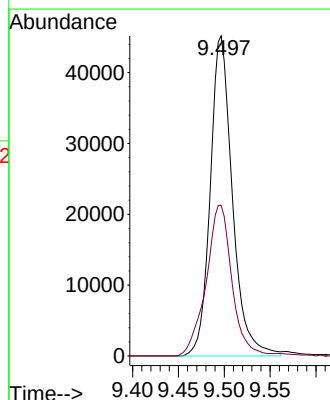
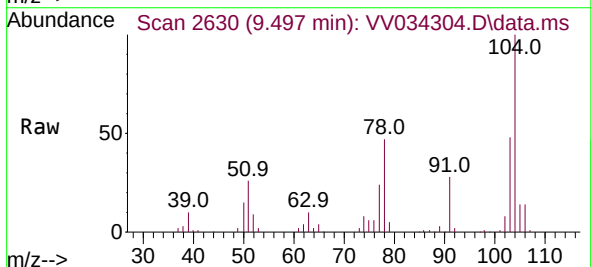
Instrument :
MSVOA_V
ClientSampleId :

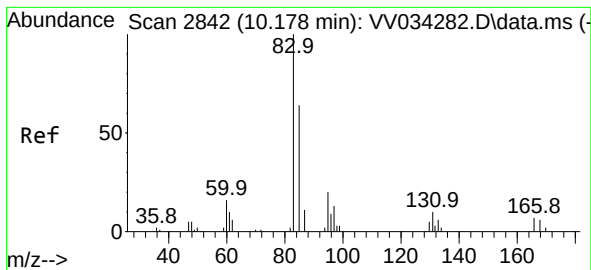
Tgt Ion:106 Resp: 49463
Ion Ratio Lower Upper
106 100
91 220.3 156.2 290.0



#55
Styrene
Concen: 4.732 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Tgt Ion:104 Resp: 75951
Ion Ratio Lower Upper
104 100
78 47.1 32.9 61.1

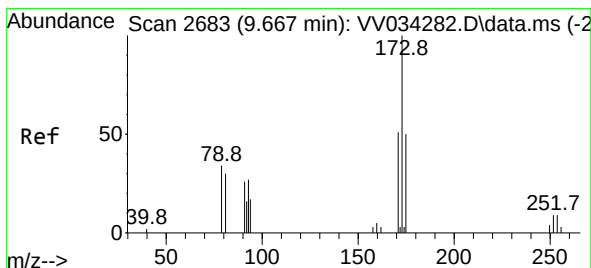
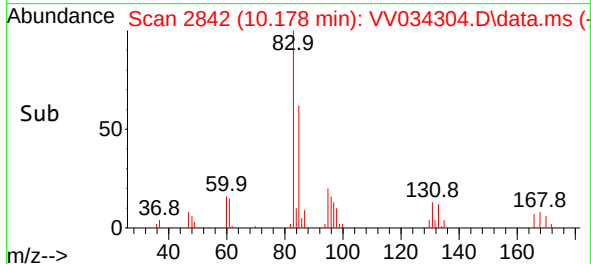
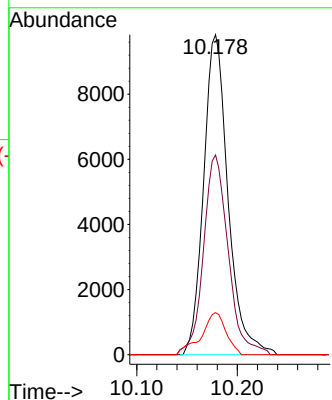
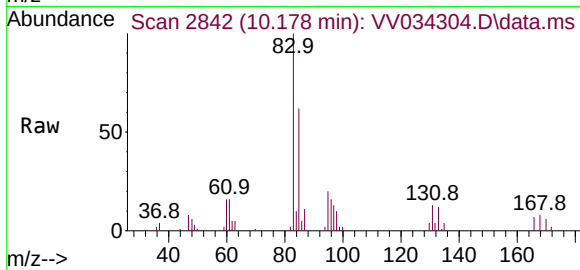




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.706 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. 0.000 min
 Lab File: VV034304.D
 Acq: 21 Feb 2024 05:32

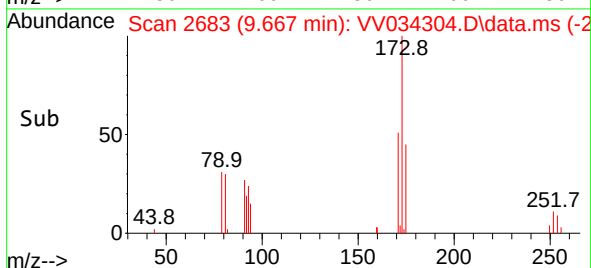
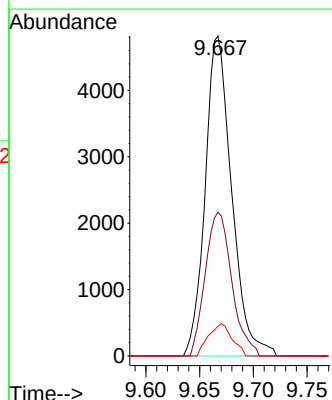
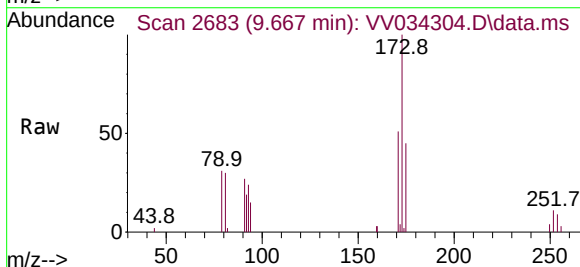
Instrument :
 MSVOA_V
 ClientSampleId :

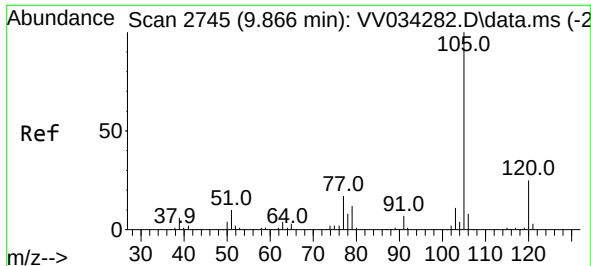
Tgt Ion: 83 Resp: 16612
 Ion Ratio Lower Upper
 83 100
 85 62.4 46.5 86.3
 131 13.2 8.4 12.6#



#59
 Bromoform
 Concen: 4.248 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. 0.000 min
 Lab File: VV034304.D
 Acq: 21 Feb 2024 05:32

Tgt Ion: 173 Resp: 8263
 Ion Ratio Lower Upper
 173 100
 175 44.9 38.6 57.8
 254 8.9 7.2 10.8

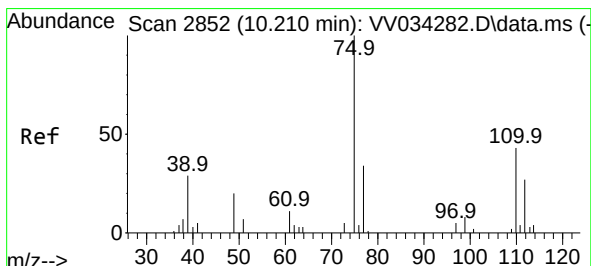
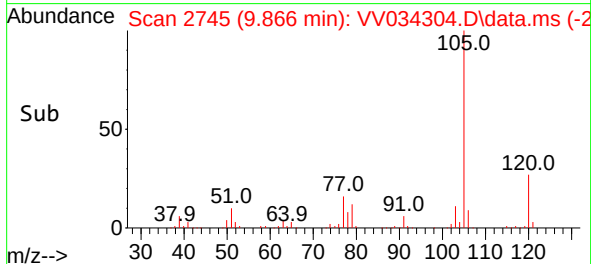
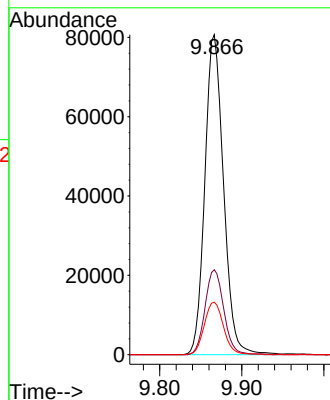
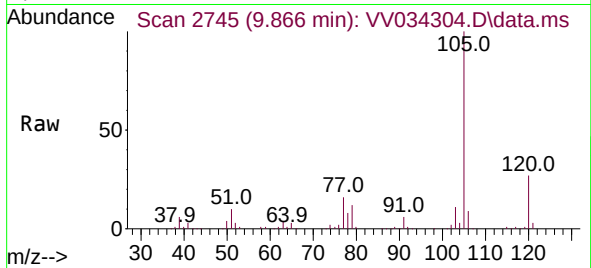




#60
Isopropylbenzene
Concen: 4.879 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

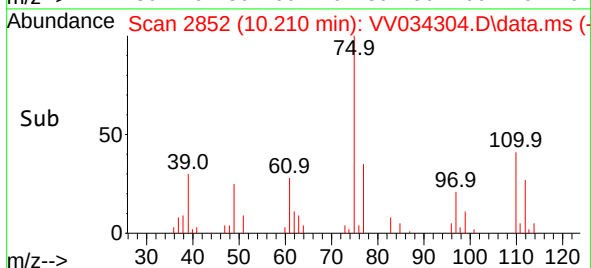
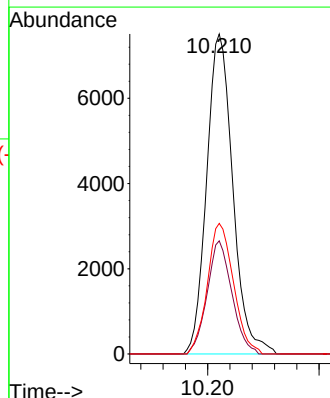
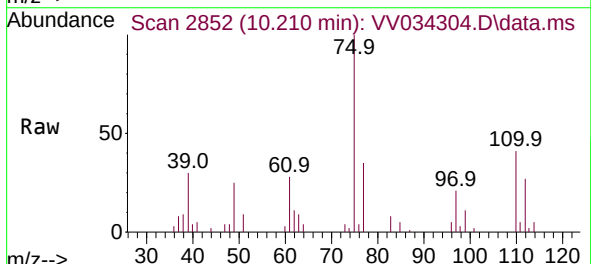
Instrument :
MSVOA_V
ClientSampleId :

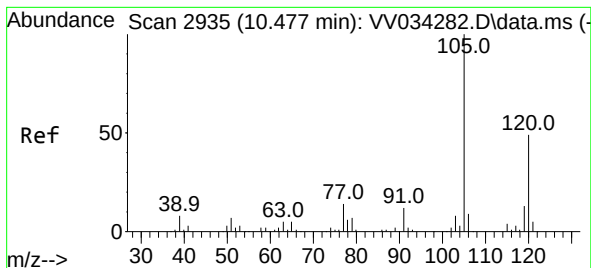
Tgt Ion:105 Resp: 127462
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 16.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.045 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Tgt Ion: 75 Resp: 12246
Ion Ratio Lower Upper
75 100
77 33.5 26.9 40.3
110 40.7 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 5.004 ug/L

RT: 10.474 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV034304.D

Acq: 21 Feb 2024 05:32

Instrument :

MSVOA_V

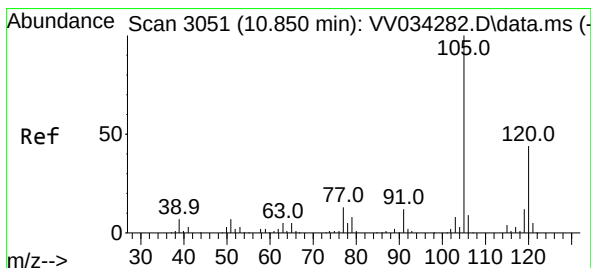
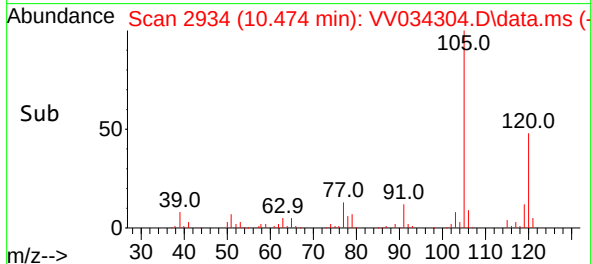
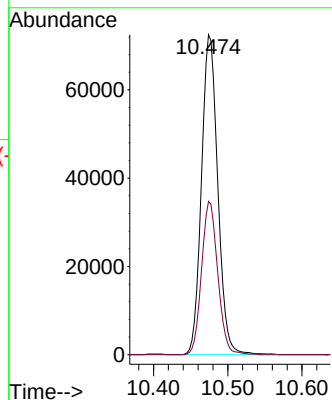
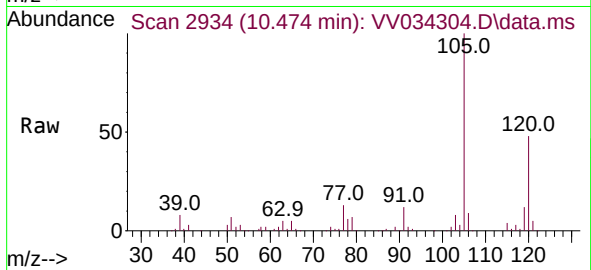
ClientSampleId :

Tgt Ion:105 Resp: 110512

Ion Ratio Lower Upper

105 100

120 47.5 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.025 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034304.D

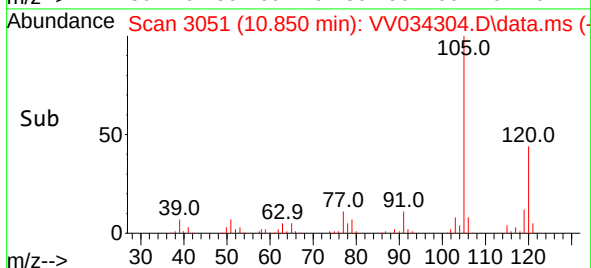
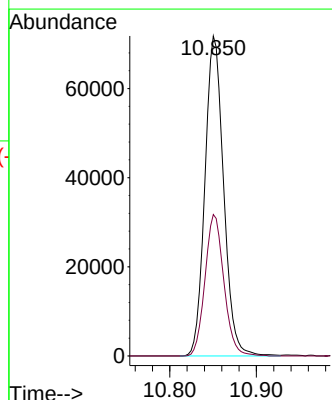
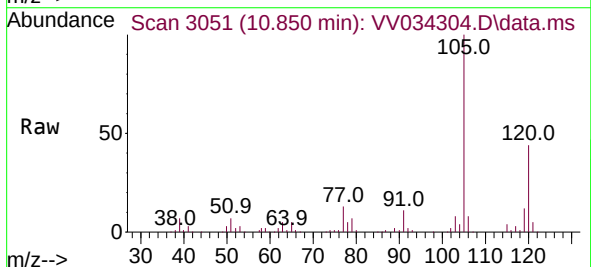
Acq: 21 Feb 2024 05:32

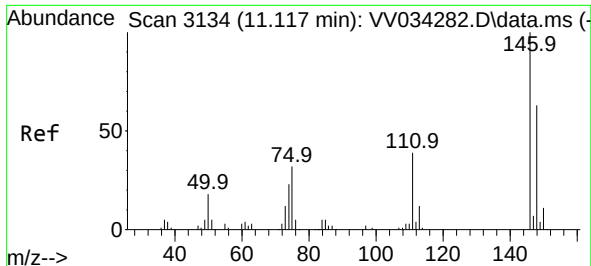
Tgt Ion:105 Resp: 107827

Ion Ratio Lower Upper

105 100

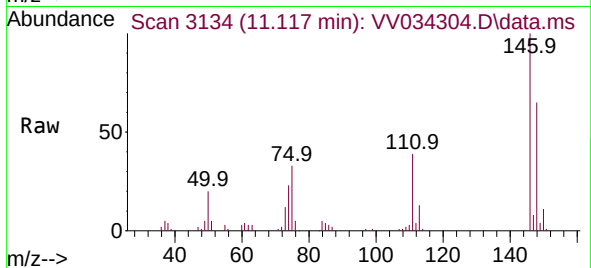
120 44.5 36.2 54.2



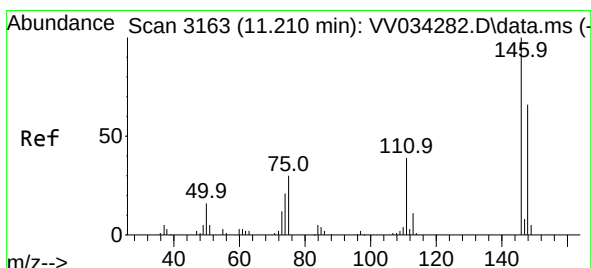
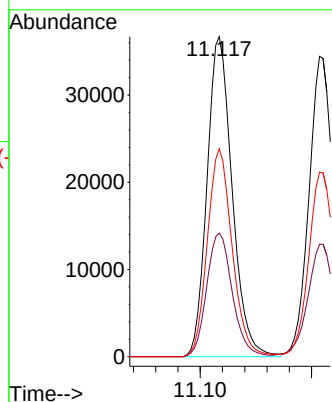
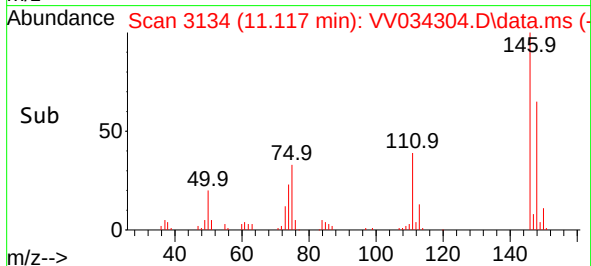


#64
1,3-Dichlorobenzene
Concen: 5.039 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

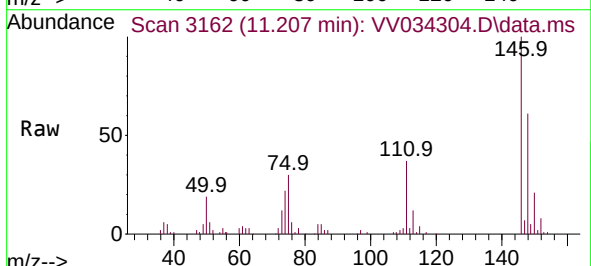
Instrument :
MSVOA_V
ClientSampleId :



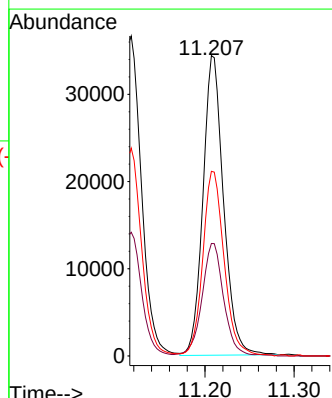
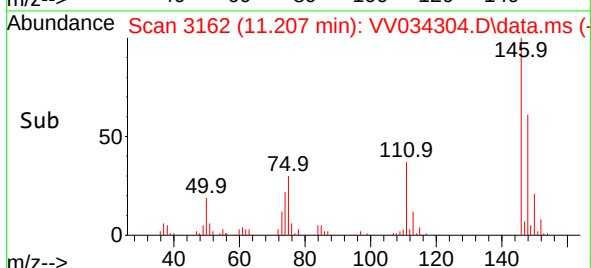
Tgt Ion:146 Resp: 57393
Ion Ratio Lower Upper
146 100
111 38.6 28.5 52.9
148 65.0 44.4 82.4

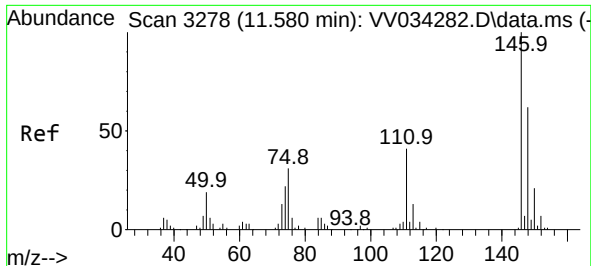


#65
1,4-Dichlorobenzene
Concen: 4.898 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32



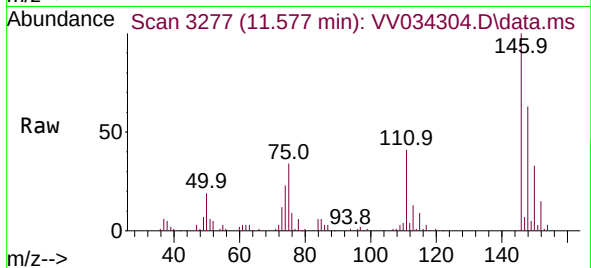
Tgt Ion:146 Resp: 55245
Ion Ratio Lower Upper
146 100
111 37.4 27.6 51.4
148 61.5 44.8 83.2



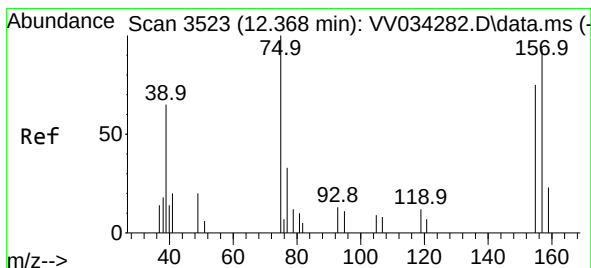
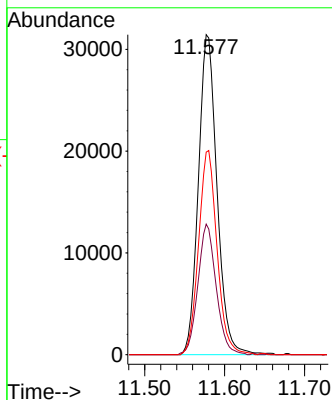
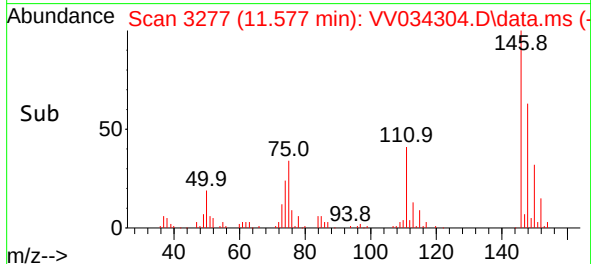


#67
1,2-Dichlorobenzene
Concen: 5.224 ug/L
RT: 11.577 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

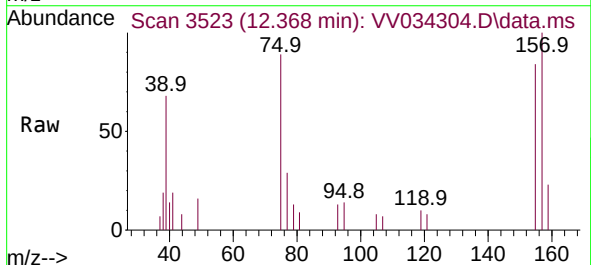
Instrument :
MSVOA_V
ClientSampleId :



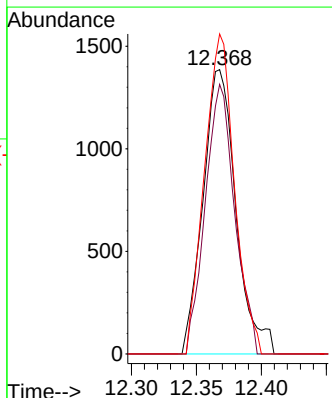
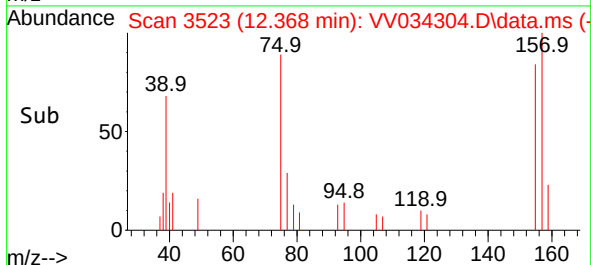
Tgt Ion:146 Resp: 51110
Ion Ratio Lower Upper
146 100
111 40.8 31.2 46.8
148 63.3 49.8 74.8

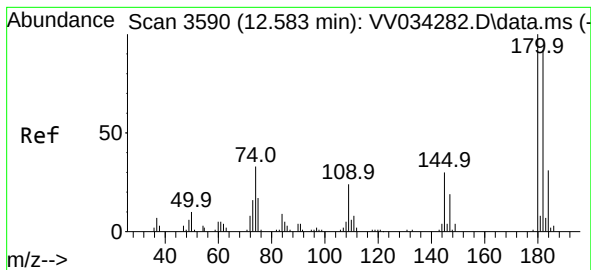


#68
1,2-Dibromo-3-chloropropane
Concen: 4.805 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32



Tgt Ion: 75 Resp: 2444
Ion Ratio Lower Upper
75 100
155 94.8 68.9 103.3
157 112.6 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 4.663 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.003 min

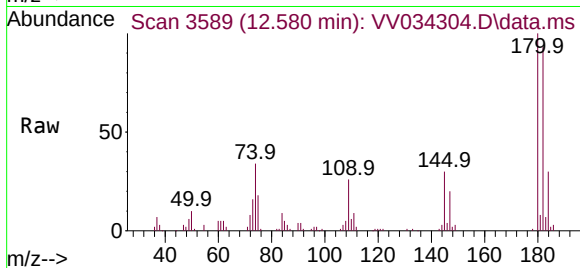
Lab File: VV034304.D

Acq: 21 Feb 2024 05:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 41104

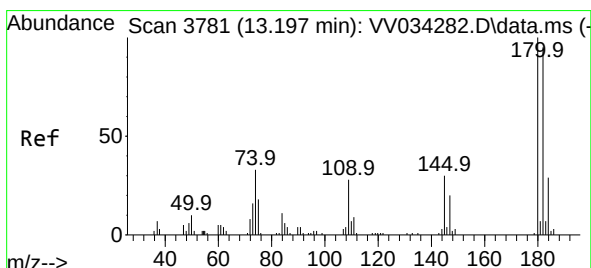
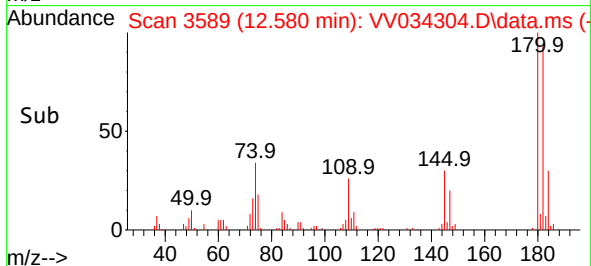
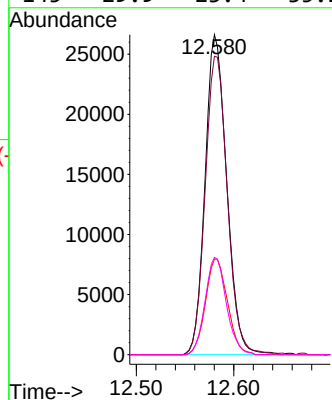
Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.4

184 30.4 23.8 35.6

145 29.9 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 4.772 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034304.D

Acq: 21 Feb 2024 05:32

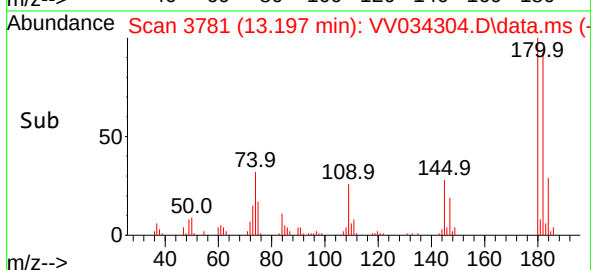
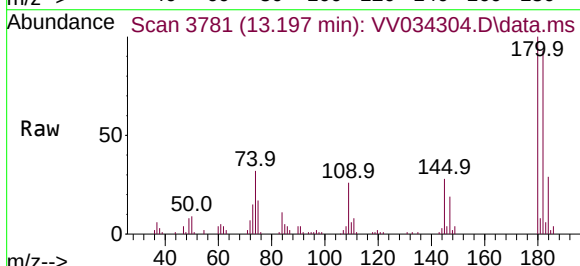
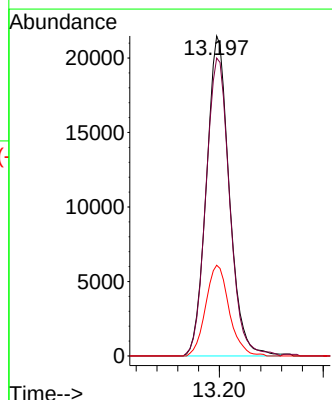
Tgt Ion:180 Resp: 32840

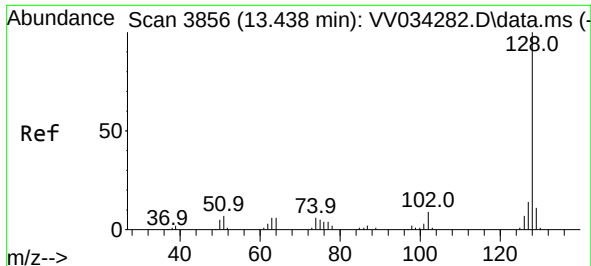
Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

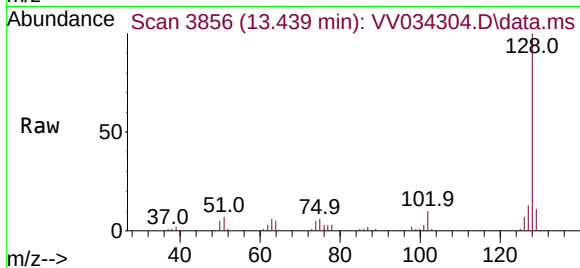
145 29.1 24.8 37.2



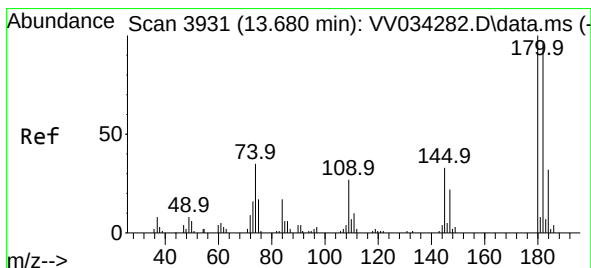
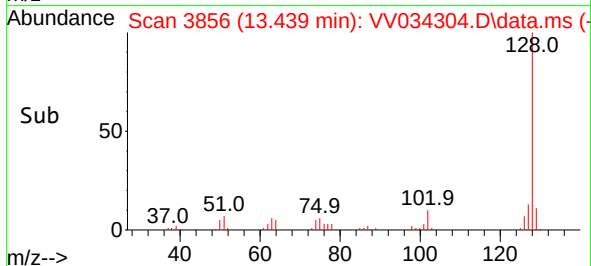
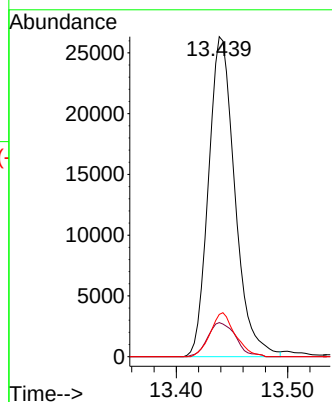


#71
Naphthalene
Concen: 4.810 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 43371
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.887 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV034304.D
Acq: 21 Feb 2024 05:32

Tgt Ion:180 Resp: 26949
Ion Ratio Lower Upper
180 100
182 94.8 75.0 112.6
145 31.6 25.2 37.8

