

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020624\
 Data File : VW034016.D
 Acq On : 06 Feb 2024 17:29
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 07 04:42:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 07 00:49:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	91423	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	84571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	44344	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23917	3.378	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.532	69	22502	3.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.060	65	12224	3.580	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.822	46	14514	12.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	24.420%#
24) Chloroform-d	4.252	84	52719	4.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	4.950	65	24933	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	4.963	84	95376	3.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	5.992	67	27389	3.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.246	98	89663	3.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	7.558	79	10348	3.864	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.027	63	43725	45.735	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.460%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	18244	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	32435	4.022	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	35935	4.289	ug/L	100
3) Chloromethane	1.214	50	39720	4.346	ug/L	99
5) Vinyl chloride	1.281	62	38731	4.435	ug/L	88
6) Bromomethane	1.487	94	19107	4.155	ug/L	96
8) Chloroethane	1.548	64	24238	4.069	ug/L	97
9) Trichlorofluoromethane	1.712	101	60162	4.781	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	30069	4.571	ug/L	100
12) 1,1-Dichloroethene	2.069	96	29830	4.671	ug/L	92
13) Acetone	2.394	43	6966	7.722	ug/L	98
14) Carbon disulfide	2.240	76	82395	3.987	ug/L	100
15) Methyl Acetate	2.394	43	9630	4.510	ug/L #	74
16) Methylene chloride	2.449	84	27493	4.486	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	63767	4.859	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	29141	4.480	ug/L	98
19) 1,1-Dichloroethane	3.114	63	55311	4.627	ug/L	96
21) 2-Butanone	3.905	43	49574	41.583	ug/L #	50
22) cis-1,2-Dichloroethene	3.818	96	31418	4.257	ug/L	96
23) Bromochloromethane	4.153	128	12534	4.885	ug/L	89
25) Chloroform	4.278	83	57201	4.734	ug/L	98

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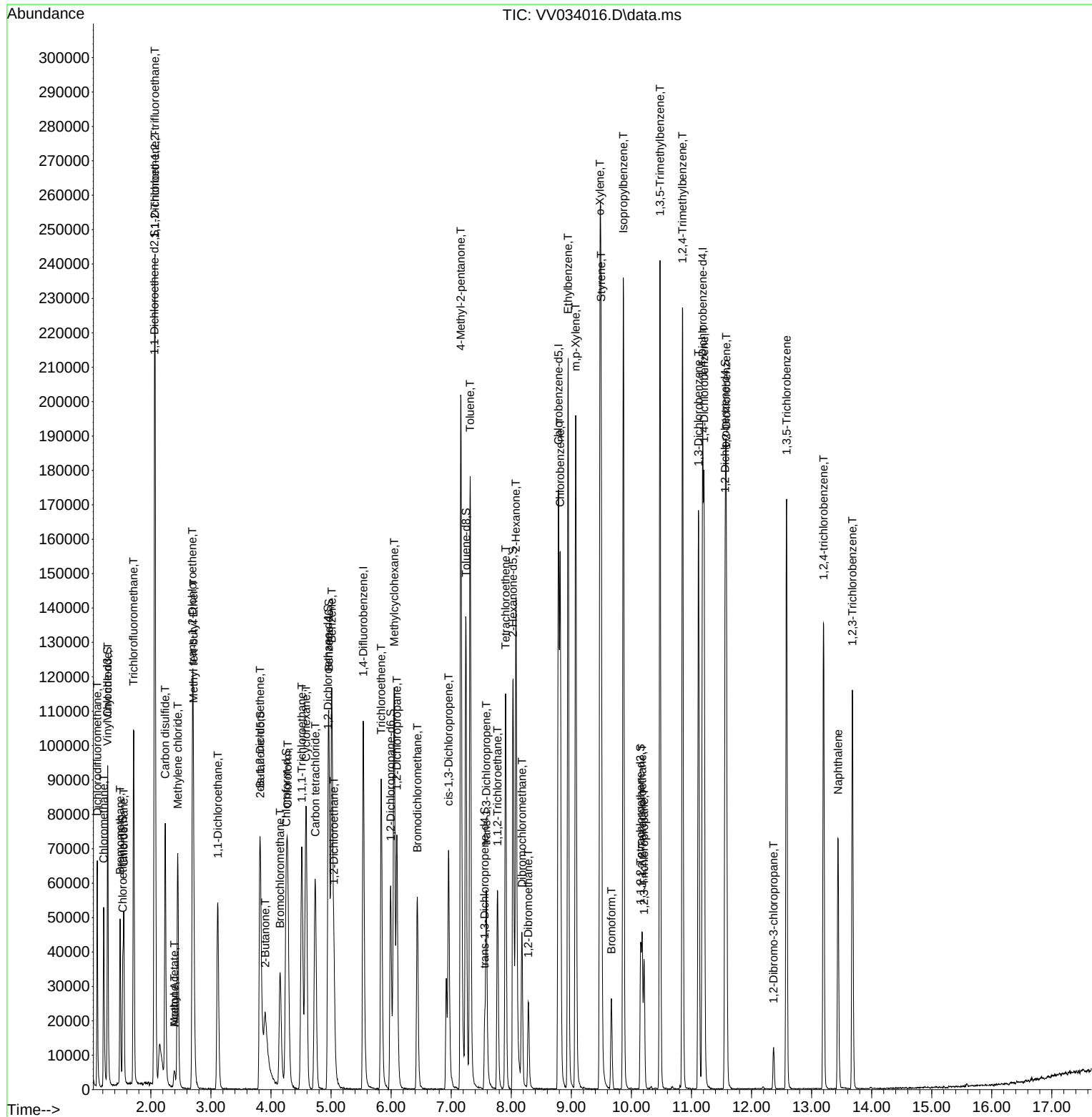
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	34996	5.058	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	59208	5.215	ug/L	99
30) Cyclohexane	4.584	56	47172	4.272	ug/L	99
31) Carbon tetrachloride	4.738	117	47288	4.760	ug/L	99
33) Benzene	5.011	78	115492	4.553	ug/L	100
34) Trichloroethene	5.834	95	31893	4.344	ug/L	98
35) Methylcyclohexane	6.053	83	49333	4.281	ug/L	100
37) 1,2-Dichloropropane	6.095	63	27567	4.486	ug/L	100
38) Bromodichloromethane	6.436	83	38661	4.793	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	42595	4.556	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	144441	49.091	ug/L	99
42) Toluene	7.317	91	127081	4.688	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	34494	4.805	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	18249	4.810	ug/L	97
47) Tetrachloroethene	7.905	164	25713	4.311	ug/L	94
48) 2-Hexanone	8.079	43	100316	48.368	ug/L	100
49) Dibromochloromethane	8.178	129	21622	4.796	ug/L	95
50) 1,2-Dibromoethane	8.284	107	16861	4.951	ug/L #	97
51) Chlorobenzene	8.815	112	79108	4.615	ug/L	97
52) Ethylbenzene	8.947	91	146069	4.681	ug/L	98
53) m,p-Xylene	9.072	106	53991	4.579	ug/L	99
54) o-Xylene	9.477	106	52374	4.606	ug/L	98
55) Styrene	9.497	104	87066	4.782	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	19784	4.941	ug/L	97
59) Bromoform	9.667	173	11149	4.564	ug/L	100
60) Isopropylbenzene	9.866	105	148397	4.523	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	14223	4.665	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	125365	4.519	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	122094	4.530	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	65537	4.581	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	62762	4.430	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	57325	4.665	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	3318	5.193	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	50831	4.591	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	40286	4.661	ug/L	97
71) Naphthalene	13.442	128	57106	5.042	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	33143	4.786	ug/L	99

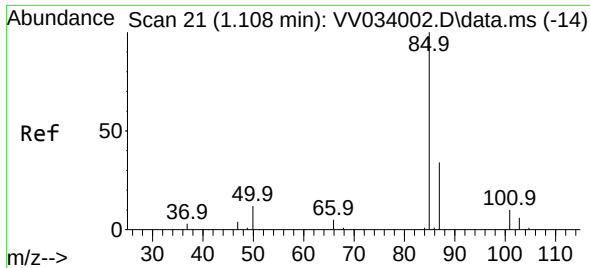
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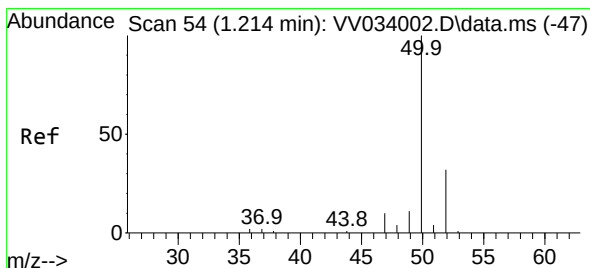
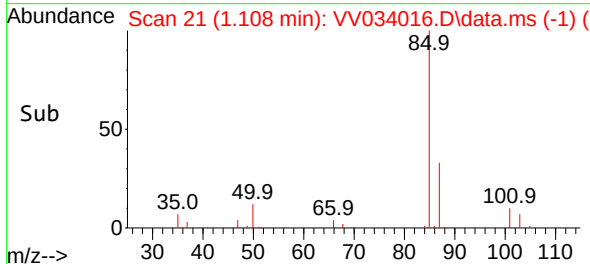
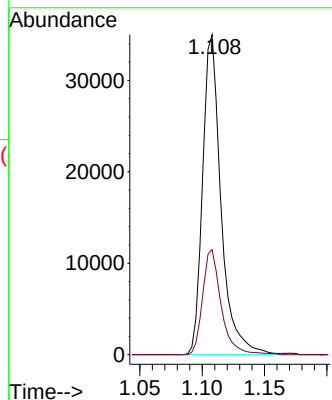
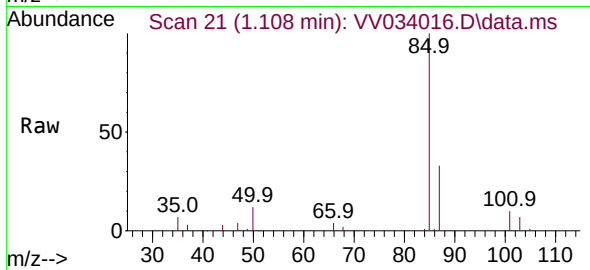




#2
Dichlorodifluoromethane
Concen: 4.289 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

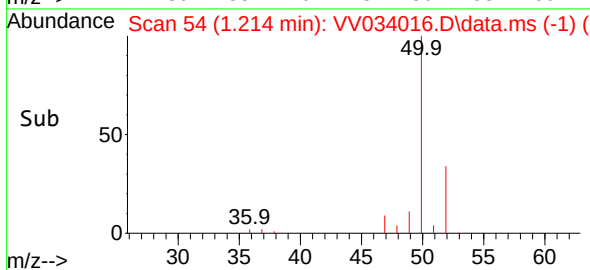
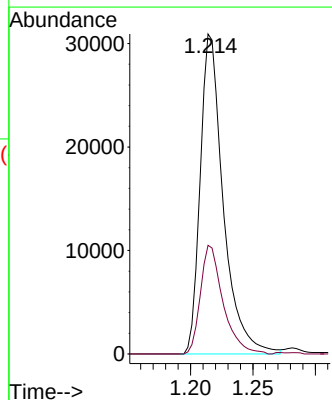
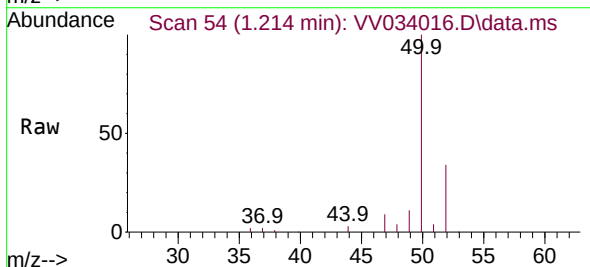
Instrument :
MSVOA_V
ClientSampleId :

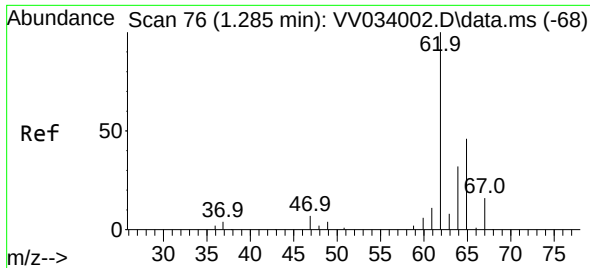
Tgt Ion: 85 Resp: 35935
Ion Ratio Lower Upper
85 100
87 33.0 26.2 39.4



#3
Chloromethane
Concen: 4.346 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion: 50 Resp: 39720
Ion Ratio Lower Upper
50 100
52 33.9 23.4 43.4



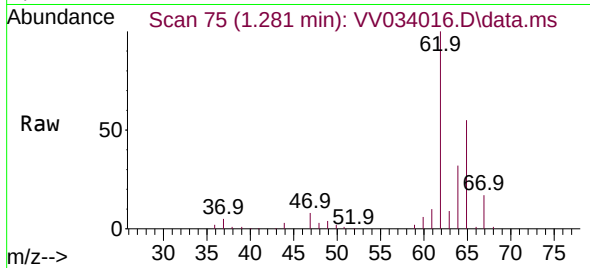


#5
Vinyl chloride
Concen: 4.435 ug/L
RT: 1.281 min Scan# 71
Delta R.T. -0.004 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

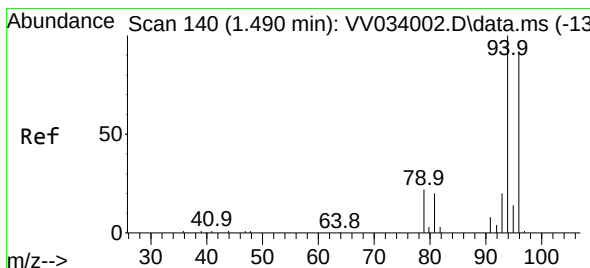
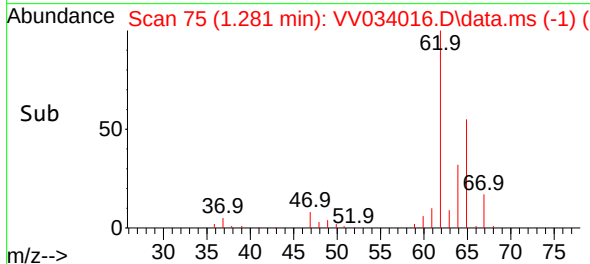
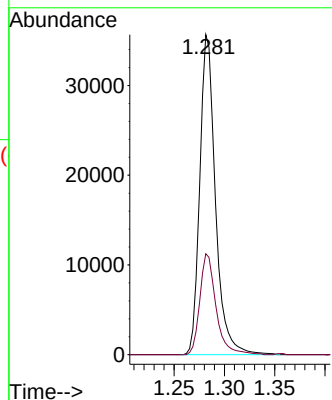
Instrument :

MSVOA_V

ClientSampleId :

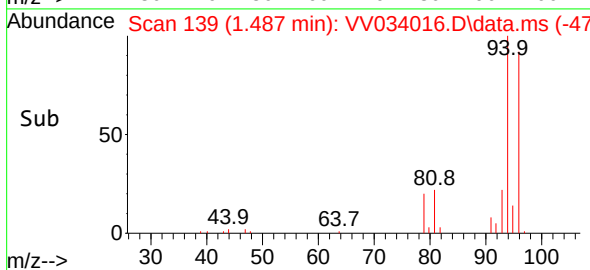
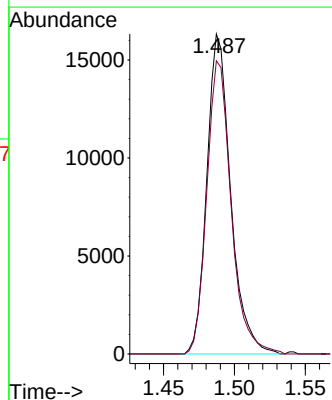
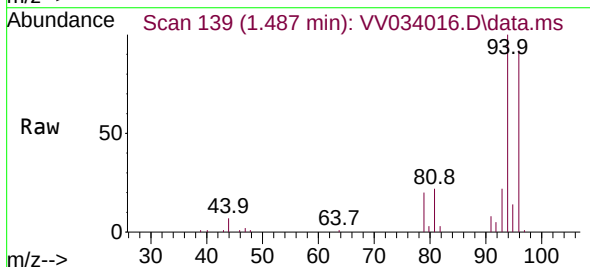


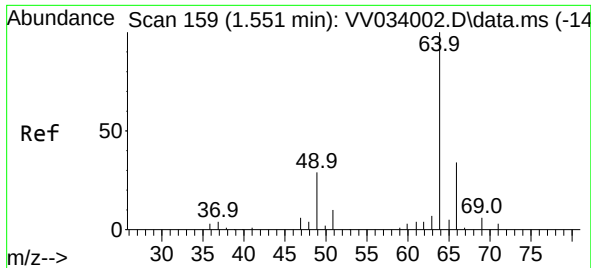
Tgt Ion: 62 Resp: 38731
Ion Ratio Lower Upper
62 100
64 31.6 27.2 50.4



#6
Bromomethane
Concen: 4.155 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion: 94 Resp: 19107
Ion Ratio Lower Upper
94 100
96 91.6 66.6 123.8

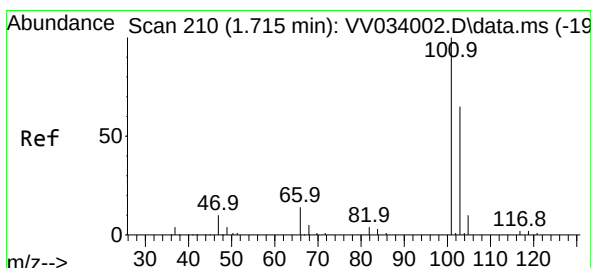
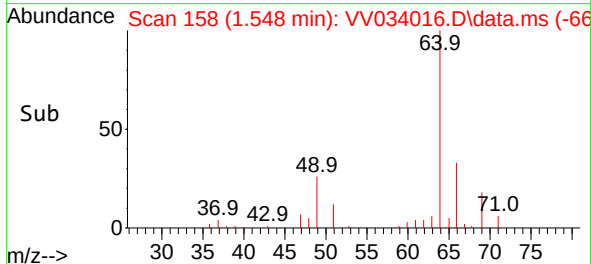
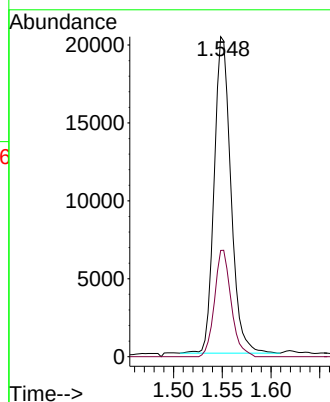
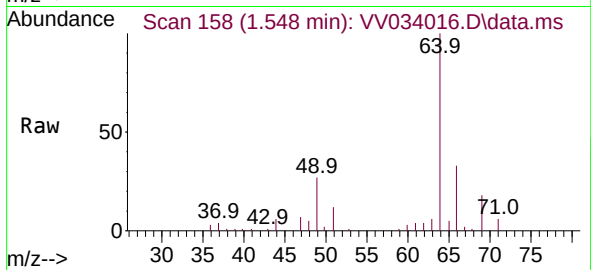




#8
Chloroethane
Concen: 4.069 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

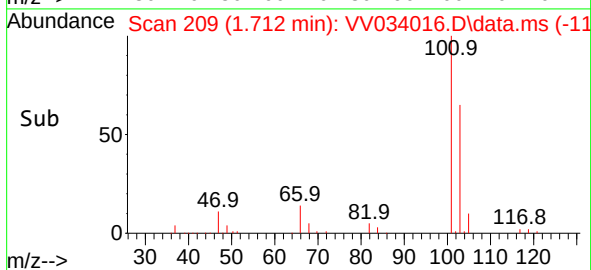
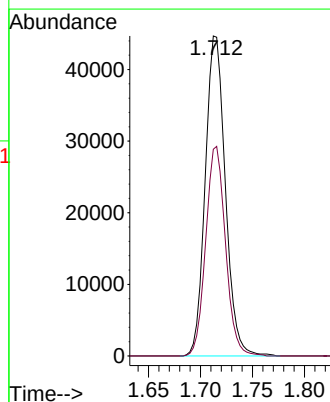
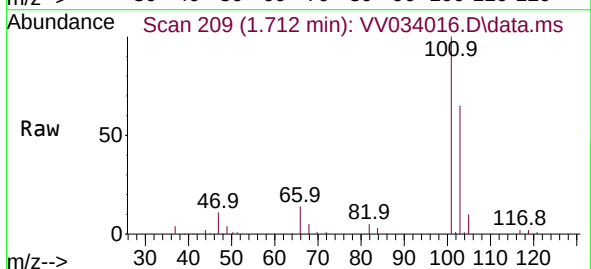
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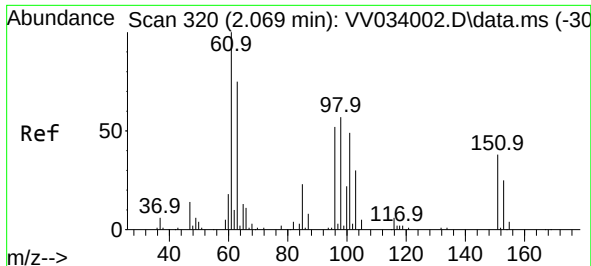
Tgt Ion: 64 Resp: 24238
Ion Ratio Lower Upper
64 100
66 33.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 4.781 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion:101 Resp: 60162
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.4





#10

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

Concen: 4.571 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034016.D

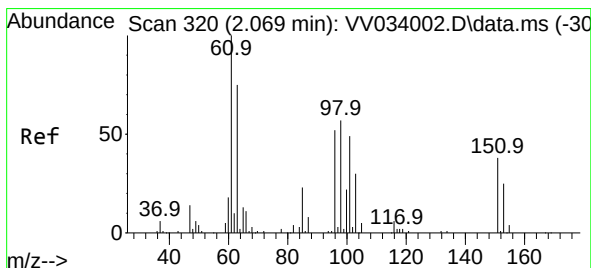
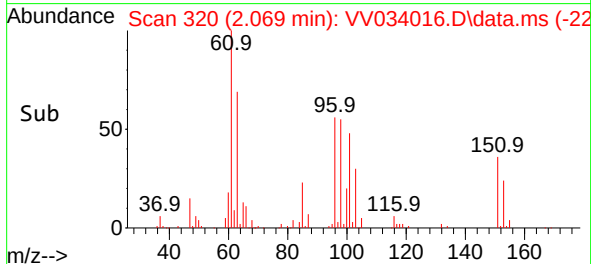
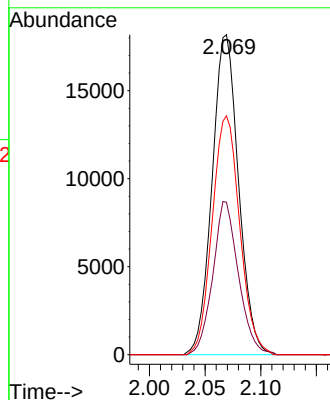
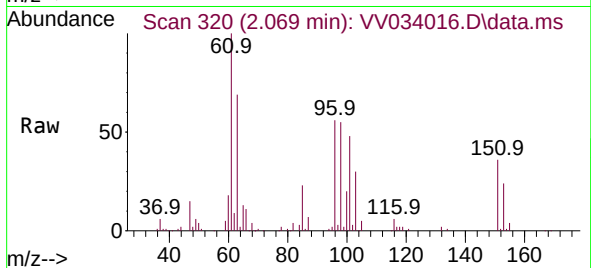
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Tgt Ion:	101	Resp:	30069
Ion	Ratio	Lower	Upper
101	100		
85	46.2	37.1	55.7
151	77.5	61.7	92.5



#12

1,1-Dichloroethene

Concen: 4.671 ug/L

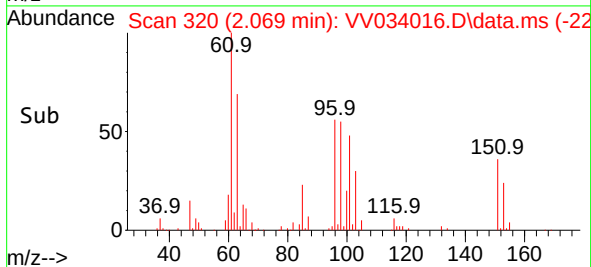
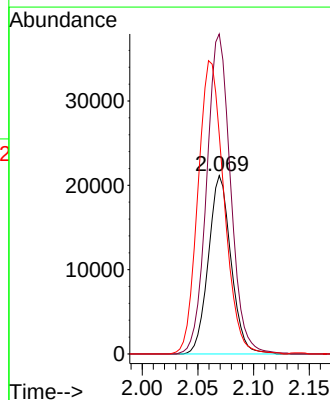
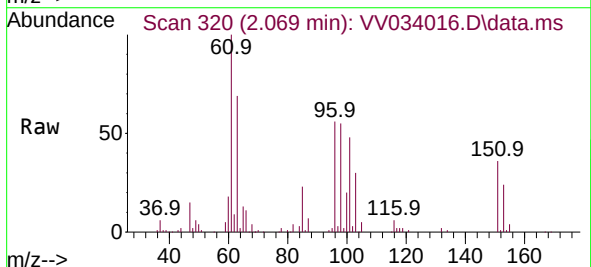
RT: 2.069 min Scan# 320

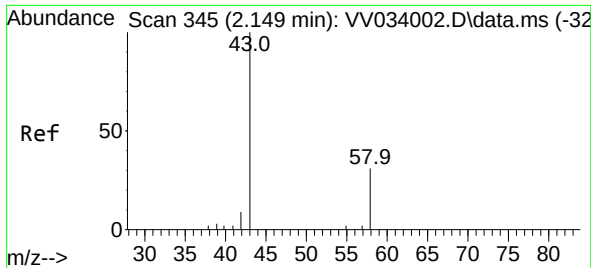
Delta R.T. 0.000 min

Lab File: VV034016.D

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Tgt Ion:	96	Resp:	29830
Ion	Ratio	Lower	Upper
96	100		
61	179.4	128.8	239.2
63	123.1	97.9	181.9





#13

Acetone

Concen: 7.722 ug/L

RT: 2.394 min Scan# 41

Delta R.T. 0.245 min

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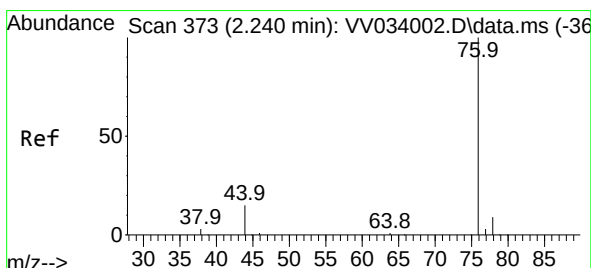
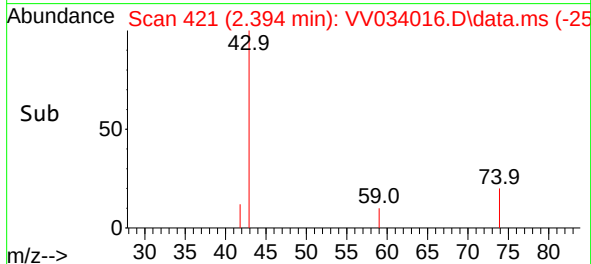
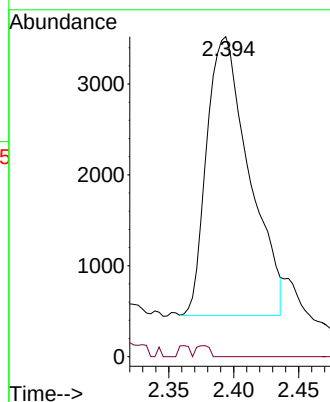
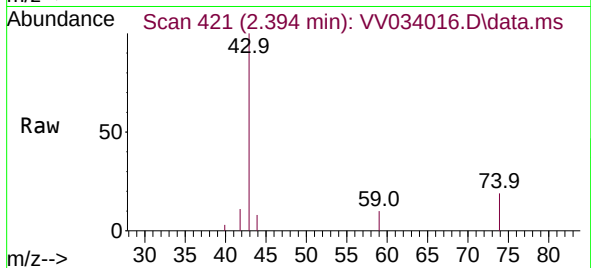
ClientSampleId :

Tgt Ion: 43 Resp: 6966

Ion Ratio Lower Upper

43 100

58 7.6 0.0 13.8



#14

Carbon disulfide

Concen: 3.987 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

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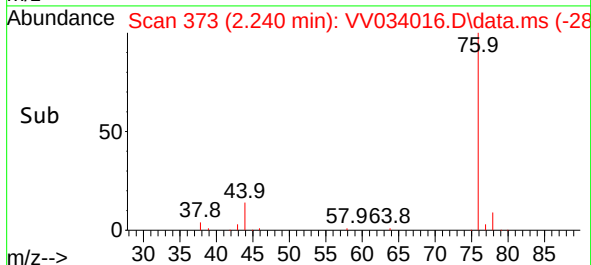
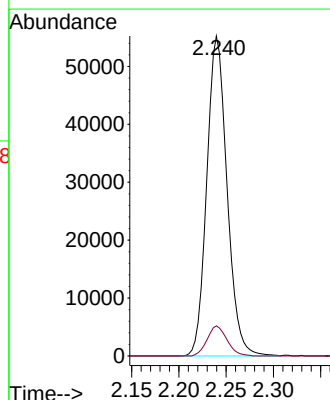
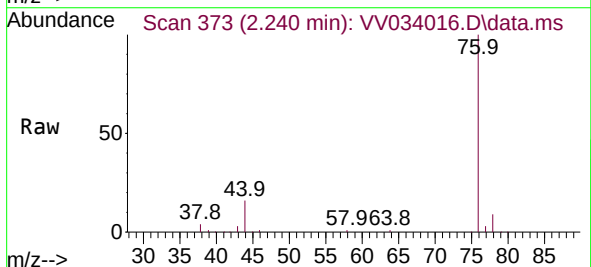
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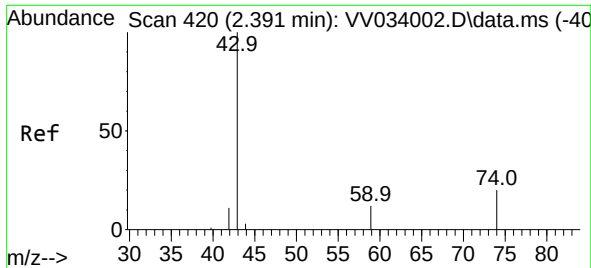
Tgt Ion: 76 Resp: 82395

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

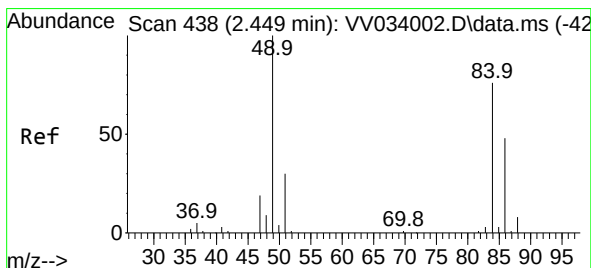
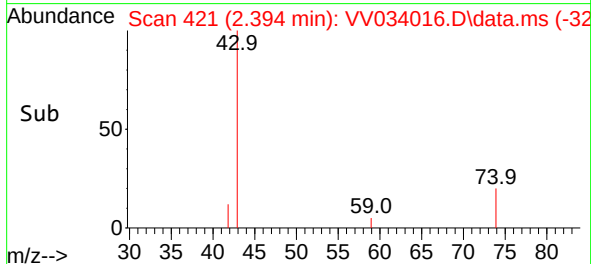
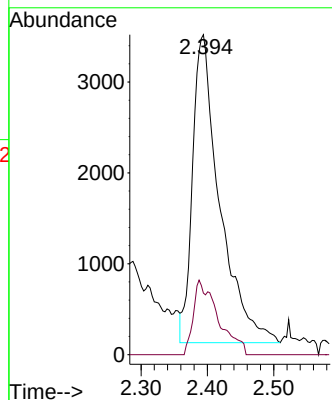
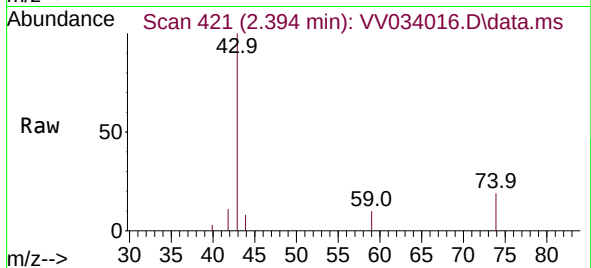




#15
Methyl Acetate
Concen: 4.510 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

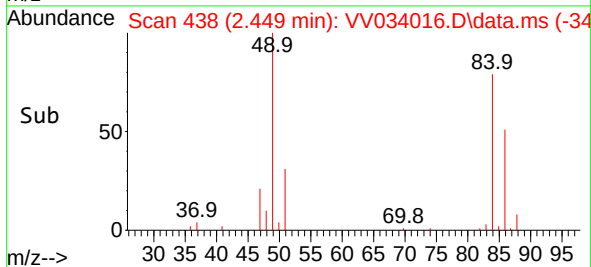
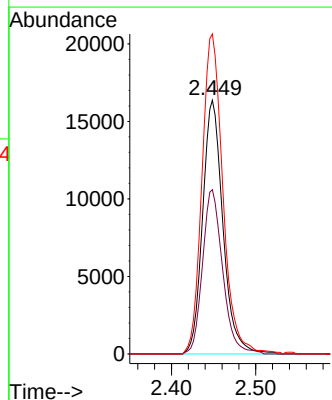
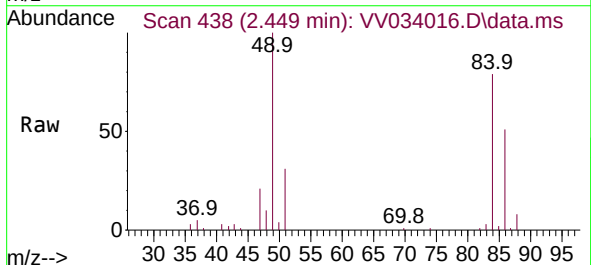
Instrument :
MSVOA_V
ClientSampleId :

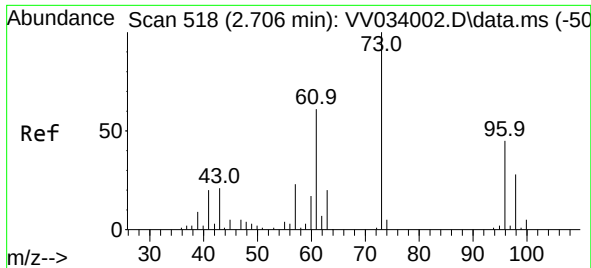
Tgt Ion: 43 Resp: 9630
Ion Ratio Lower Upper
43 100
74 10.3 18.2 27.4#



#16
Methylene chloride
Concen: 4.486 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion: 84 Resp: 27493
Ion Ratio Lower Upper
84 100
86 64.8 44.7 83.1
49 126.1 93.7 173.9

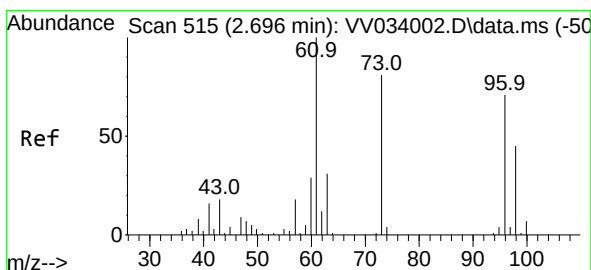
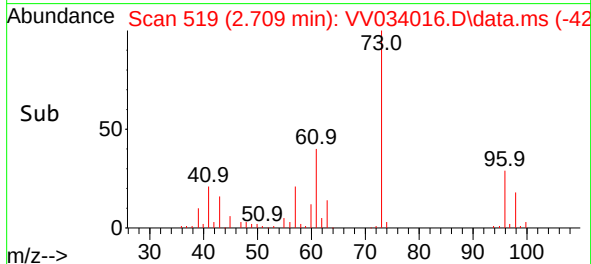
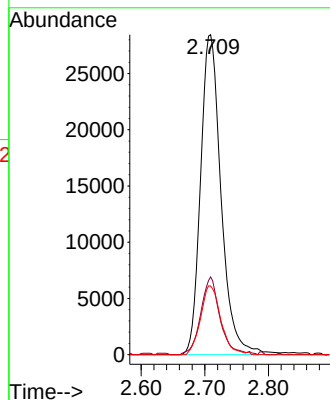
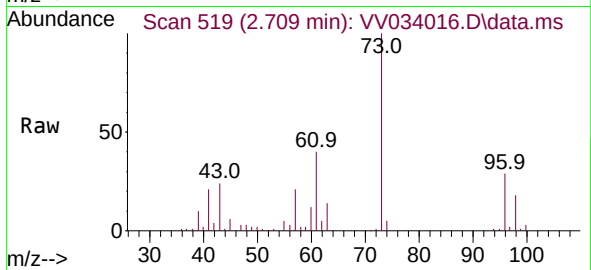




#17
Methyl tert-butyl Ether
Concen: 4.859 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

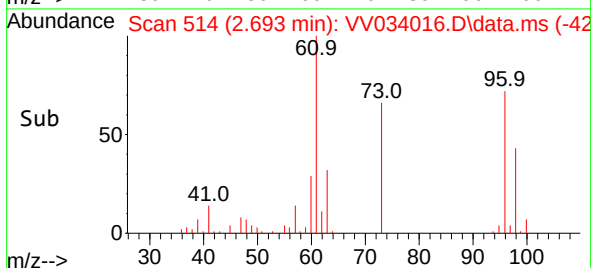
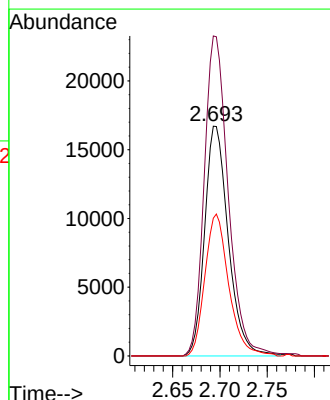
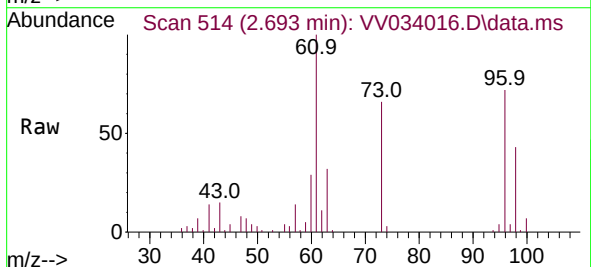
Instrument :
MSVOA_V
ClientSampleId :

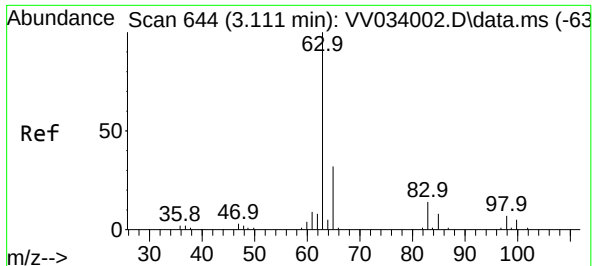
Tgt Ion: 73 Resp: 63767
Ion Ratio Lower Upper
73 100
43 22.7 17.7 26.5
57 21.1 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.480 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion: 96 Resp: 29141
Ion Ratio Lower Upper
96 100
61 139.3 97.6 181.4
98 60.0 44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.627 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

Instrument :

MSVOA_V

ClientSampleId :

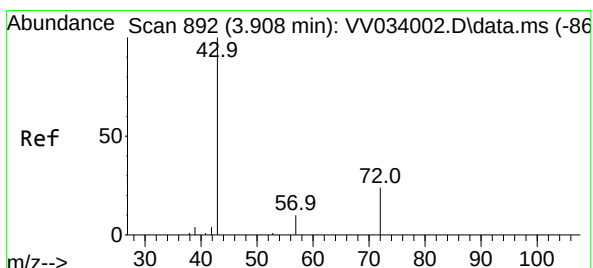
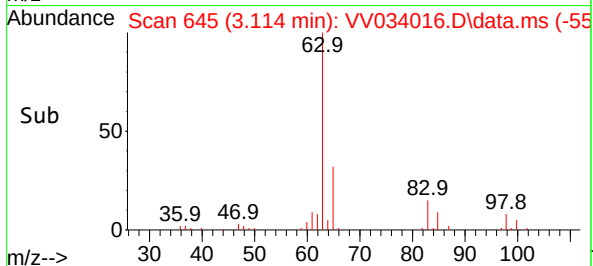
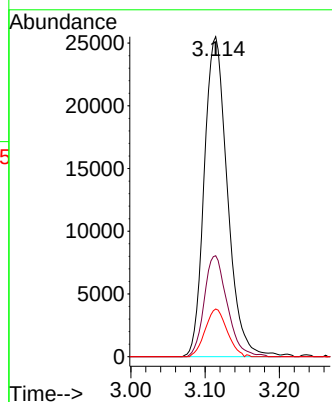
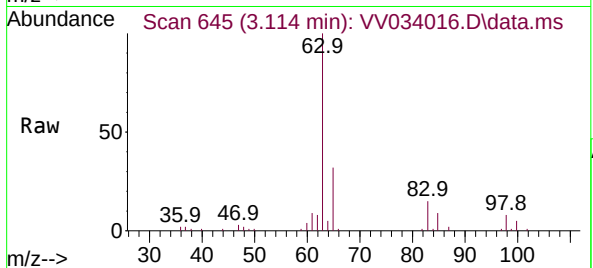
Tgt Ion: 63 Resp: 55311

Ion Ratio Lower Upper

63 100

65 31.5 20.8 38.6

83 14.9 9.4 17.4



#21

2-Butanone

Concen: 41.583 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV034016.D

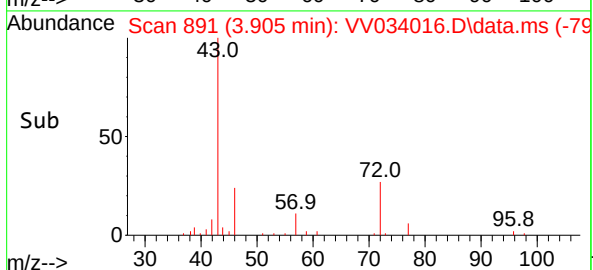
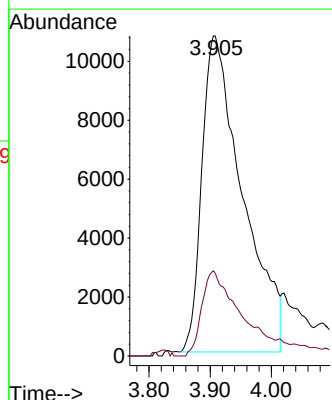
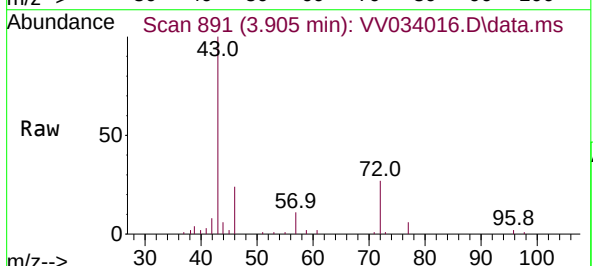
Acq: 06 Feb 2024 17:29

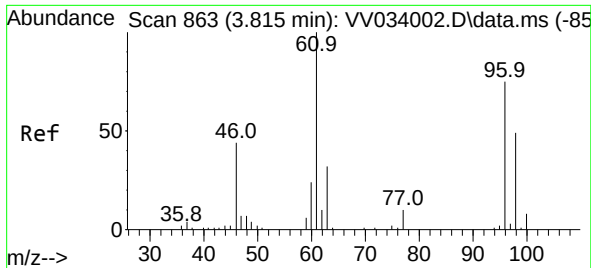
Tgt Ion: 43 Resp: 49574

Ion Ratio Lower Upper

43 100

72 25.4 4.0 11.9#

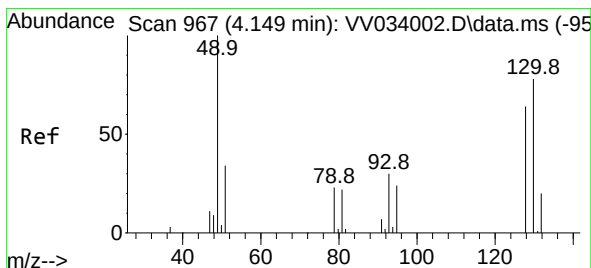
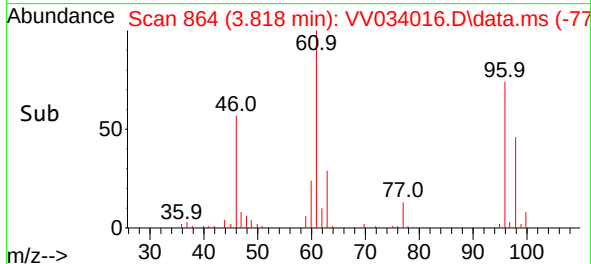
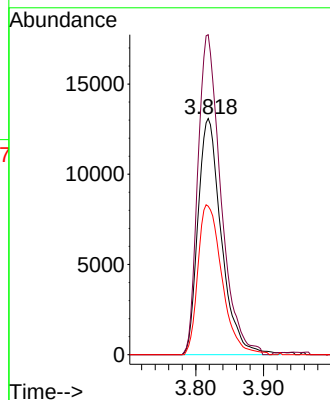
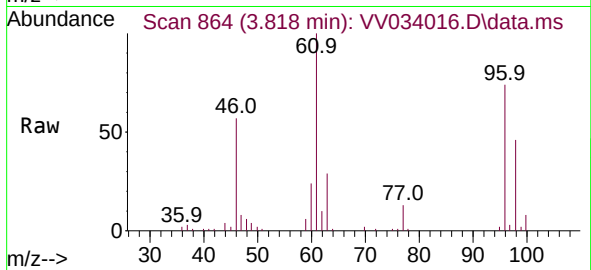




#22
 cis-1,2-Dichloroethene
 Concen: 4.257 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV034016.D
 Acq: 06 Feb 2024 17:29

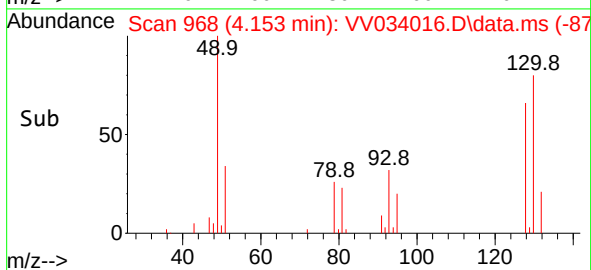
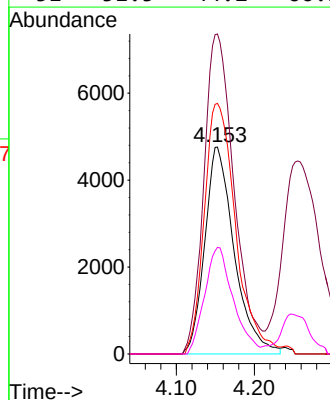
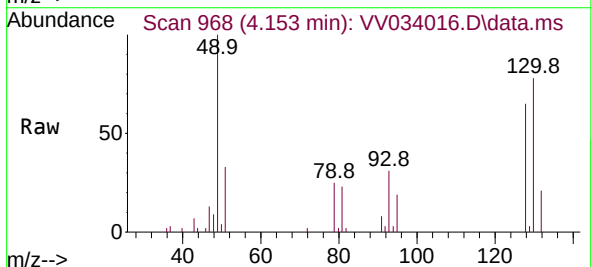
Instrument :
 MSVOA_V
 ClientSampleId :

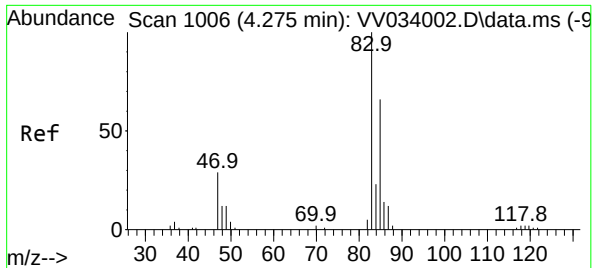
Tgt Ion: 96 Resp: 31418
 Ion Ratio Lower Upper
 96 100
 61 135.5 90.3 167.7
 98 62.9 43.2 80.2



#23
 Bromochloromethane
 Concen: 4.885 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.004 min
 Lab File: VV034016.D
 Acq: 06 Feb 2024 17:29

Tgt Ion: 128 Resp: 12534
 Ion Ratio Lower Upper
 128 100
 49 154.7 120.5 223.7
 130 121.1 93.4 173.4
 51 51.5 44.2 66.2

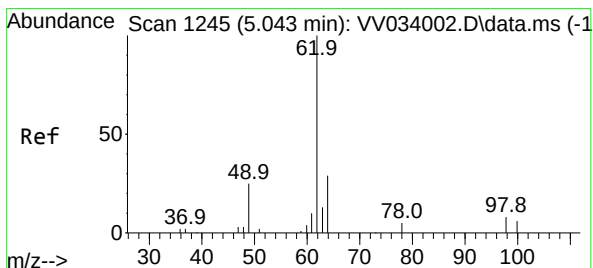
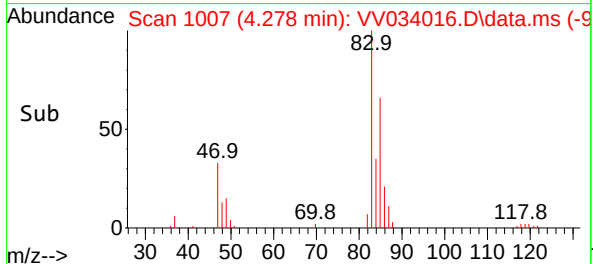
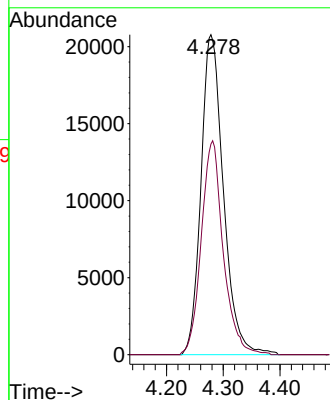
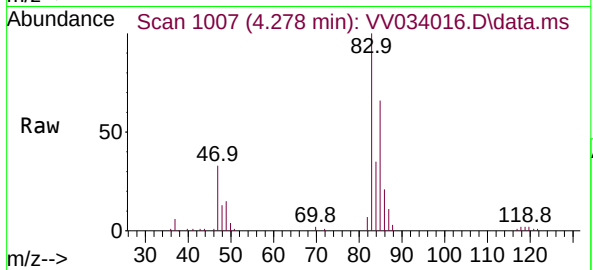




#25
Chloroform
Concen: 4.734 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

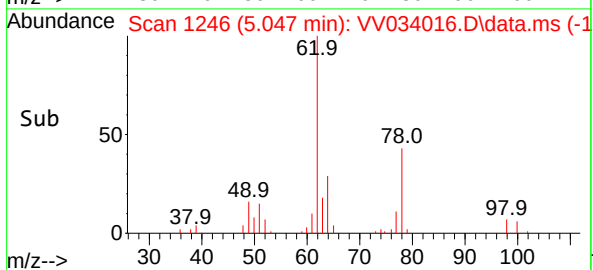
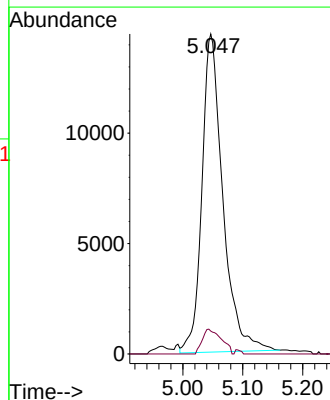
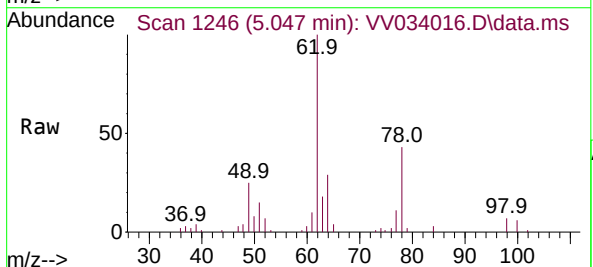
Instrument :
MSVOA_V
ClientSampleId :

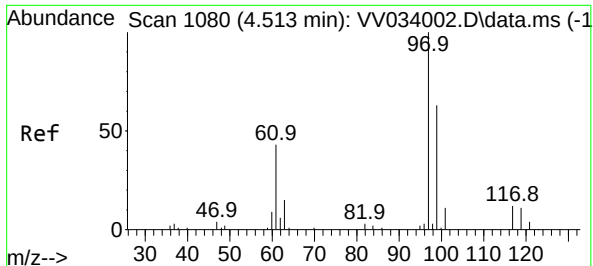
Tgt Ion: 83 Resp: 57201
Ion Ratio Lower Upper
83 100
85 65.8 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.058 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.004 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion: 62 Resp: 34996
Ion Ratio Lower Upper
62 100
98 7.2 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.215 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

Instrument :

MSVOA_V

ClientSampleId :

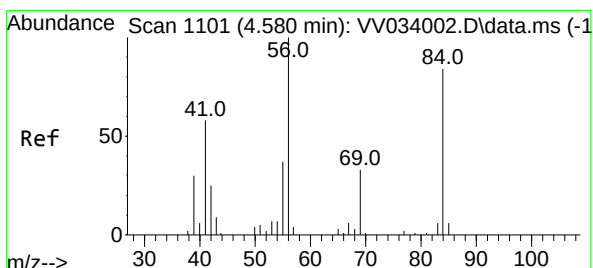
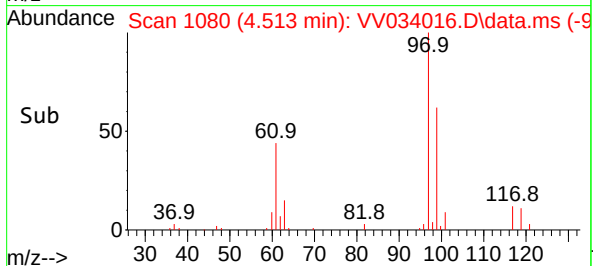
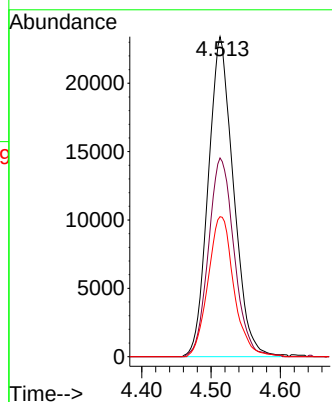
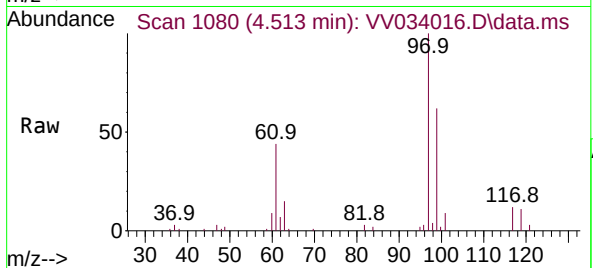
Tgt Ion: 97 Resp: 59208

Ion Ratio Lower Upper

97 100

99 63.2 50.6 75.8

61 44.8 36.8 55.2



#30

Cyclohexane

Concen: 4.272 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.004 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

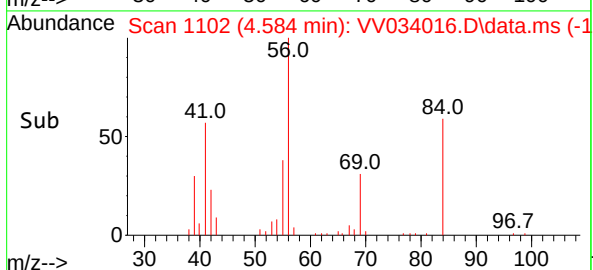
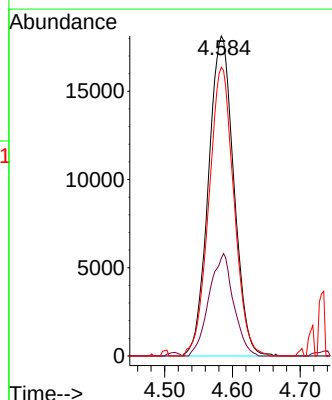
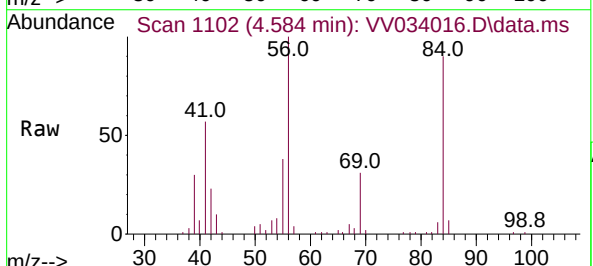
Tgt Ion: 56 Resp: 47172

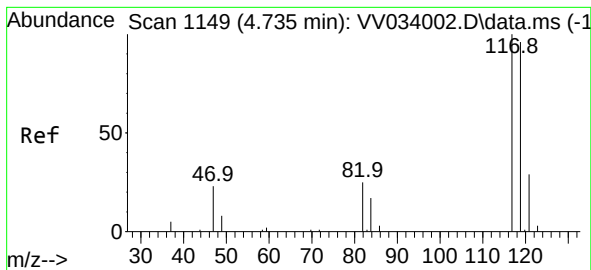
Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.2

84 89.0 70.0 105.0





#31

Carbon tetrachloride

Concen: 4.760 ug/L

RT: 4.738 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

Instrument :

MSVOA_V

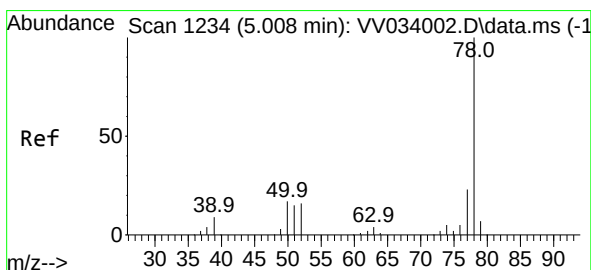
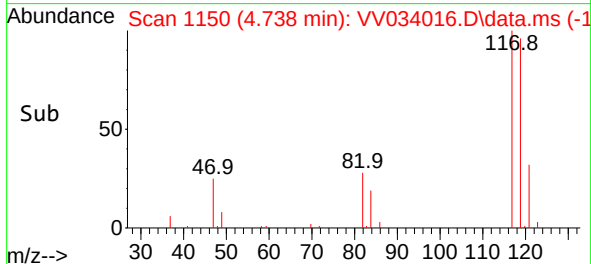
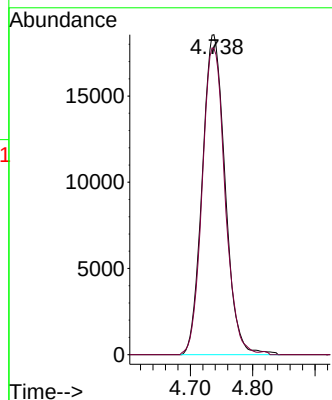
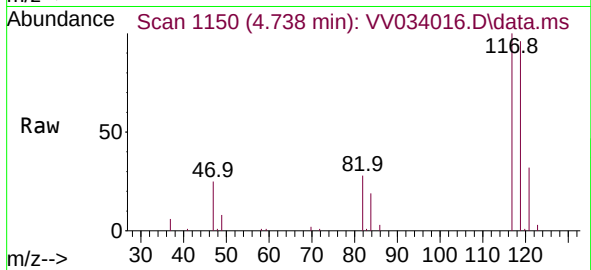
ClientSampleId :

Tgt Ion:117 Resp: 47288

Ion Ratio Lower Upper

117 100

119 95.7 76.1 114.1



#33

Benzene

Concen: 4.553 ug/L

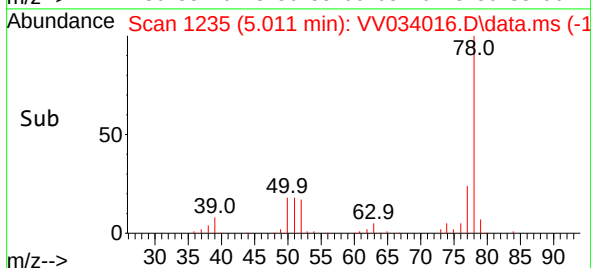
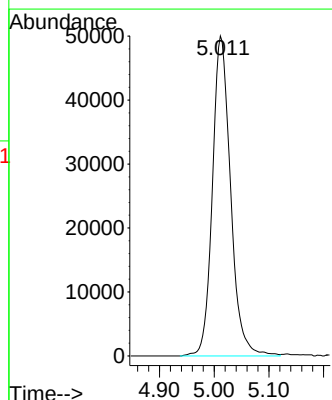
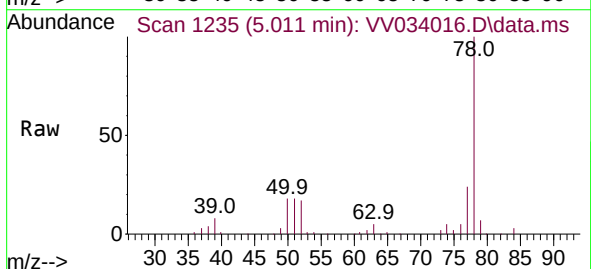
RT: 5.011 min Scan# 1235

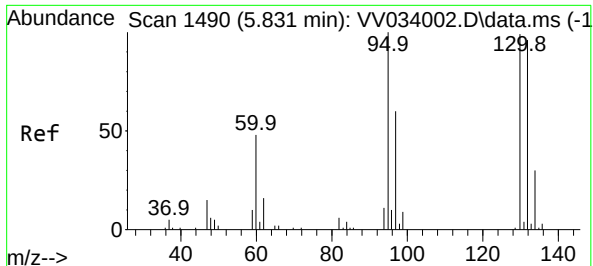
Delta R.T. 0.003 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

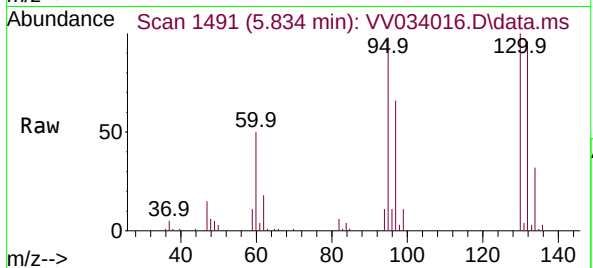
Tgt Ion: 78 Resp: 115492



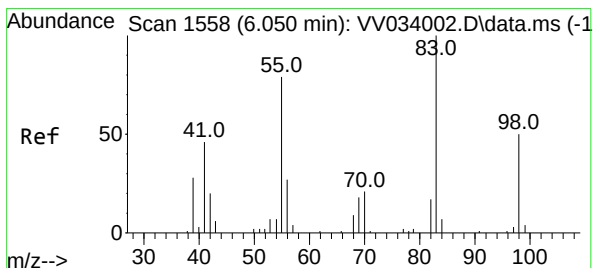
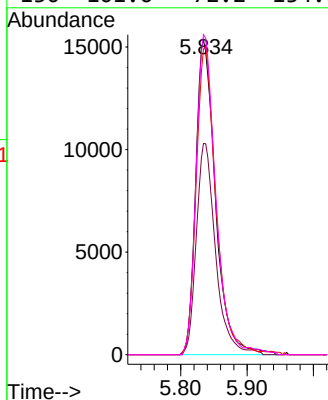
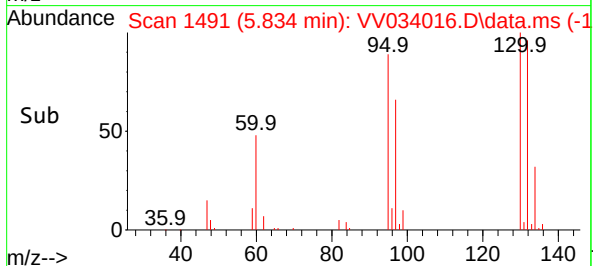


#34
Trichloroethene
Concen: 4.344 ug/L
RT: 5.834 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Instrument :
MSVOA_V
ClientSampleId :

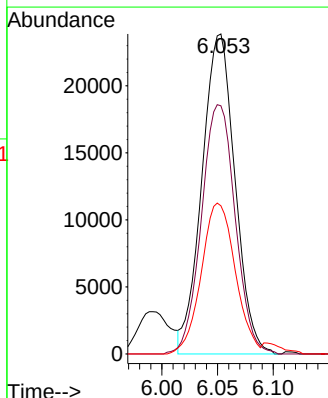
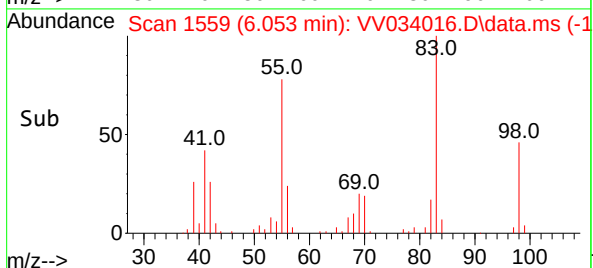
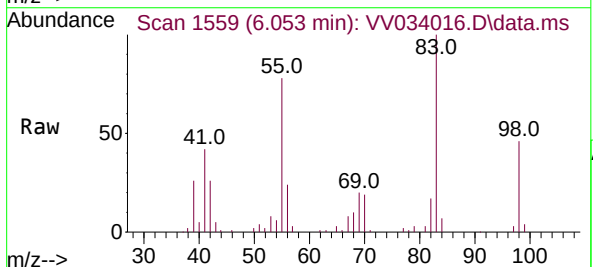


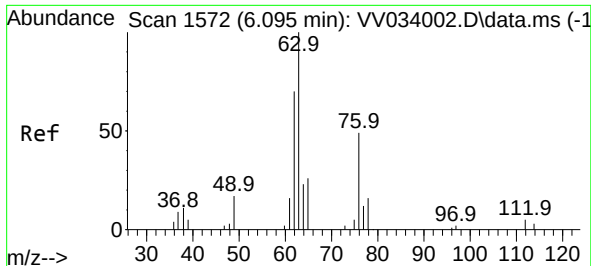
Tgt Ion: 95 Resp: 31893
Ion Ratio Lower Upper
95 100
97 67.1 45.1 83.7
132 97.0 66.0 122.6
130 101.6 72.2 134.0



#35
Methylcyclohexane
Concen: 4.281 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion: 83 Resp: 49333
Ion Ratio Lower Upper
83 100
55 79.7 63.5 95.3
98 48.5 39.0 58.4

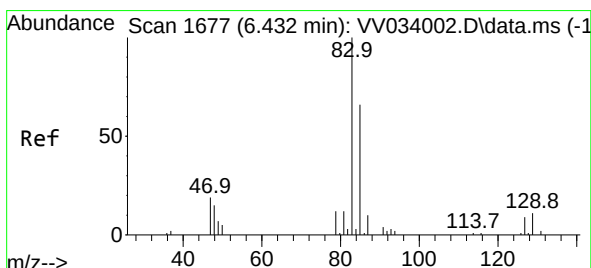
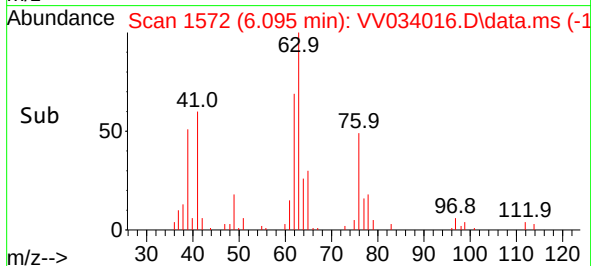
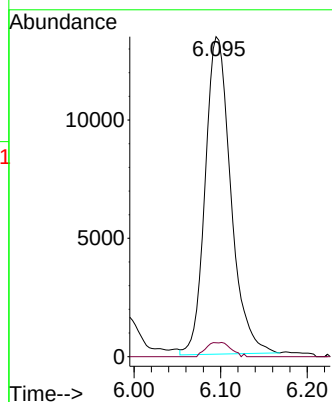
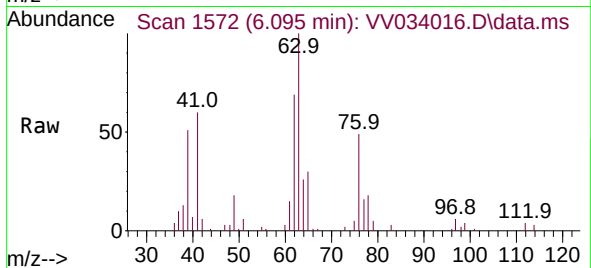




#37
1,2-Dichloropropane
Concen: 4.486 ug/L
RT: 6.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

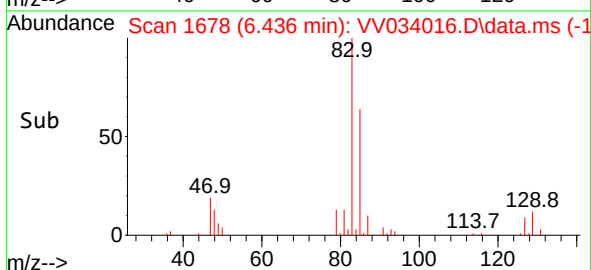
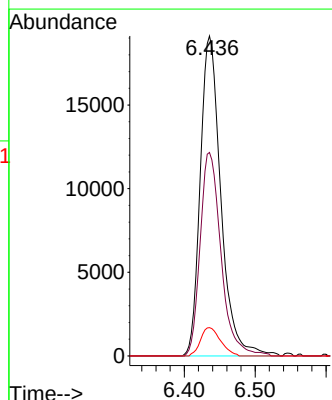
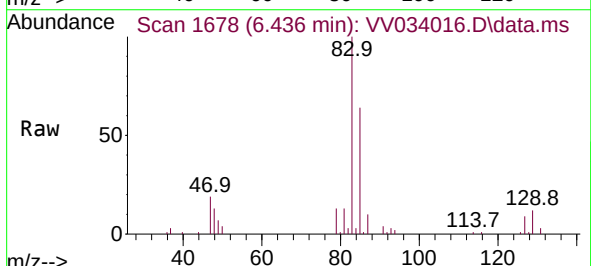
Instrument :
MSVOA_V
ClientSampleId :

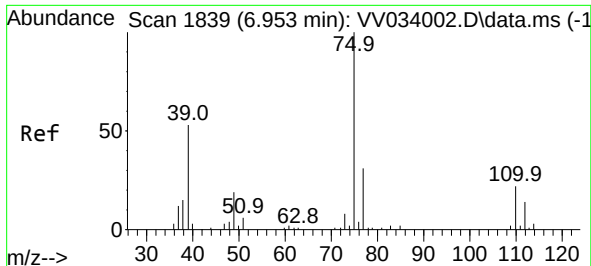
Tgt Ion: 63 Resp: 27567
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.0



#38
Bromodichloromethane
Concen: 4.793 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.004 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion: 83 Resp: 38661
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.2
127 8.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.556 ug/L

RT: 6.956 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

Instrument :

MSVOA_V

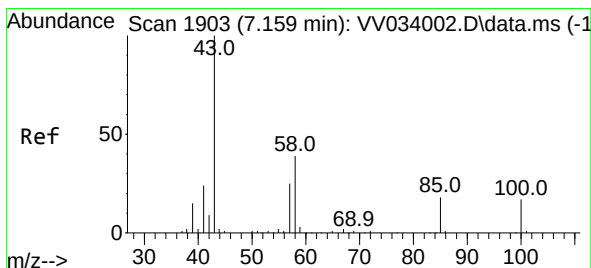
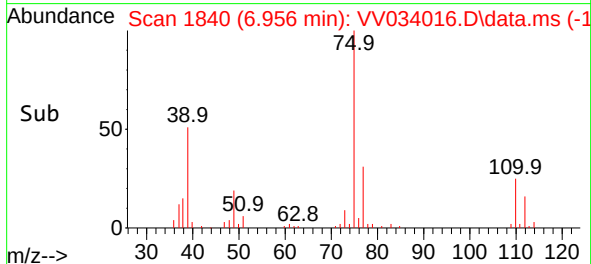
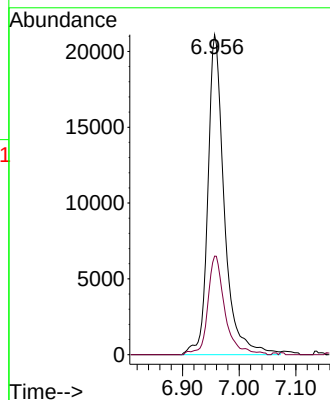
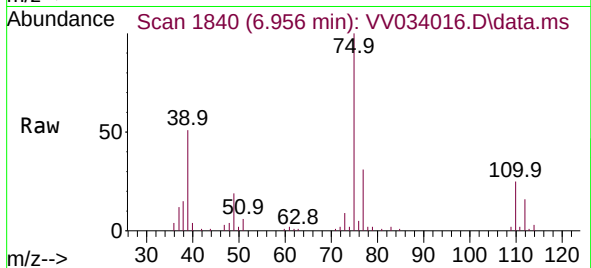
ClientSampleId :

Tgt Ion: 75 Resp: 42595

Ion Ratio Lower Upper

75 100

77 30.8 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 49.091 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

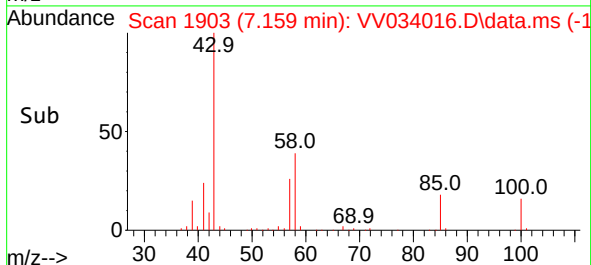
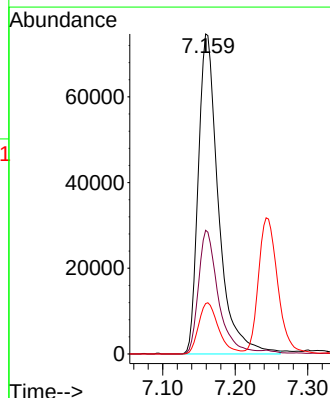
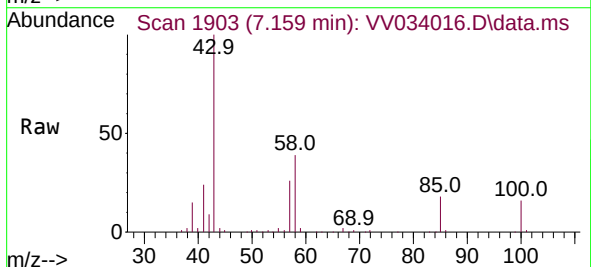
Tgt Ion: 43 Resp: 144441

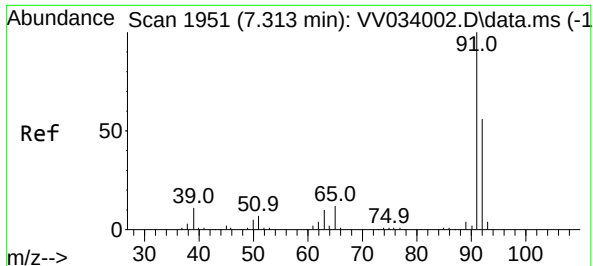
Ion Ratio Lower Upper

43 100

58 38.1 30.2 45.2

100 15.8 12.1 18.1

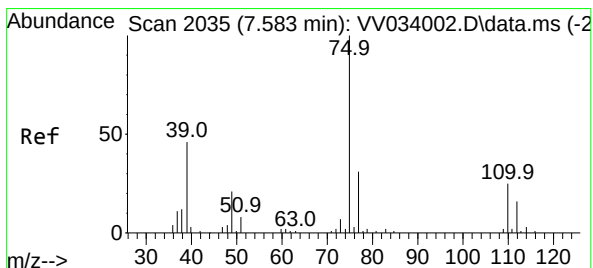
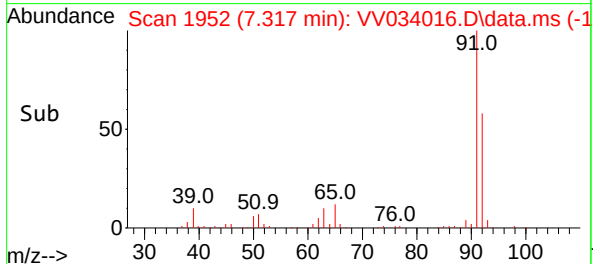
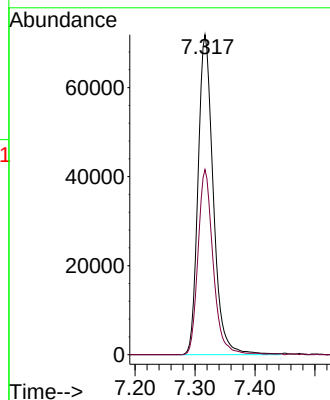
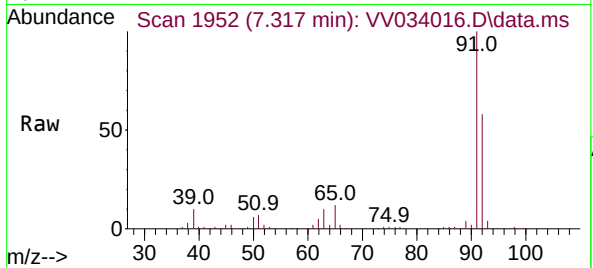




#42
Toluene
Concen: 4.688 ug/L
RT: 7.317 min Scan# 1951
Delta R.T. 0.004 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

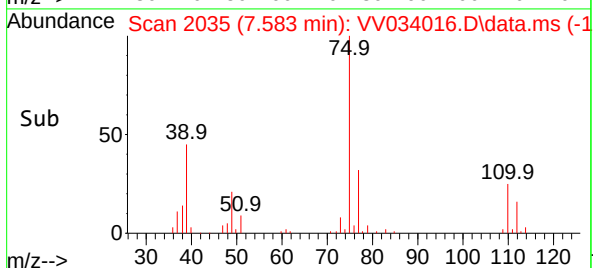
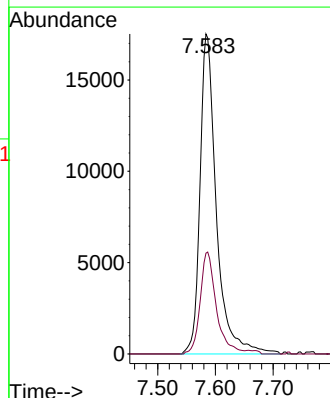
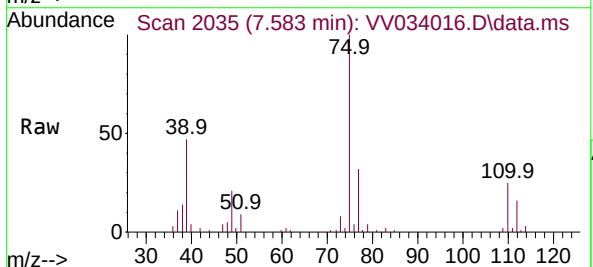
Instrument :
MSVOA_V
ClientSampleId :

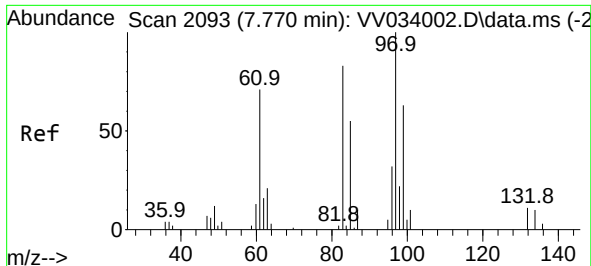
Tgt Ion: 91 Resp: 127081
Ion Ratio Lower Upper
91 100
92 57.8 42.1 78.3



#44
trans-1,3-Dichloropropene
Concen: 4.805 ug/L
RT: 7.583 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion: 75 Resp: 34494
Ion Ratio Lower Upper
75 100
77 31.5 22.2 41.2

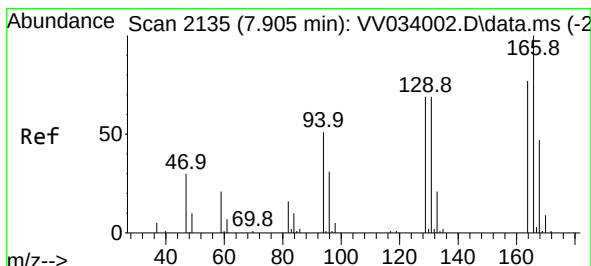
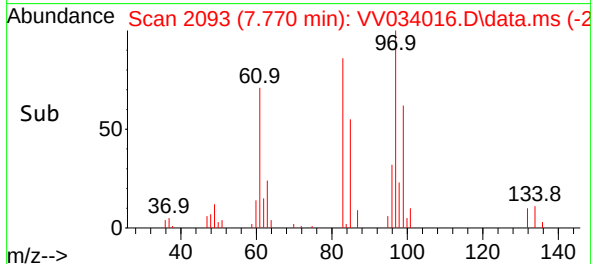
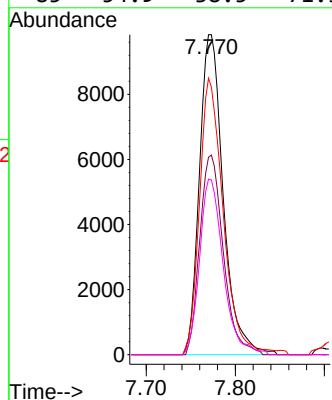
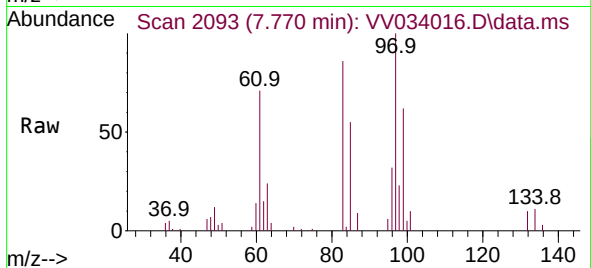




#45
1,1,2-Trichloroethane
Concen: 4.810 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

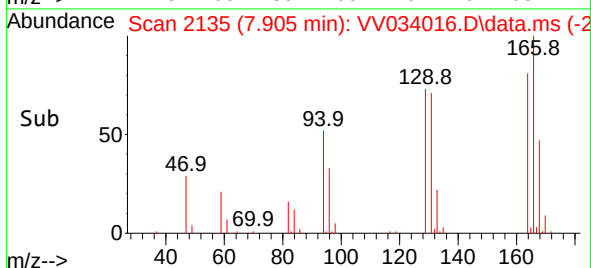
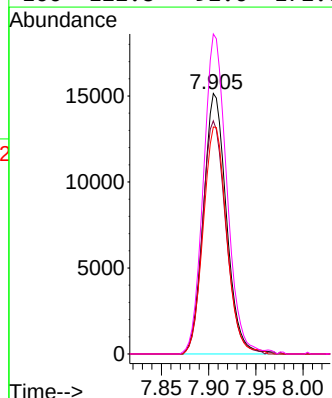
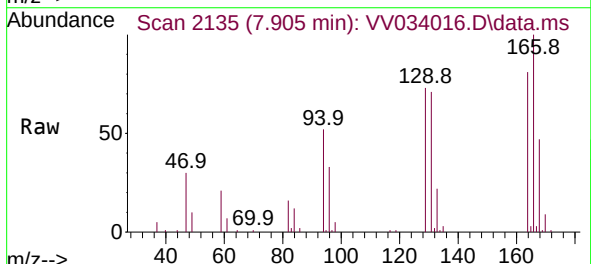
Instrument :
MSVOA_V
ClientSampleId :

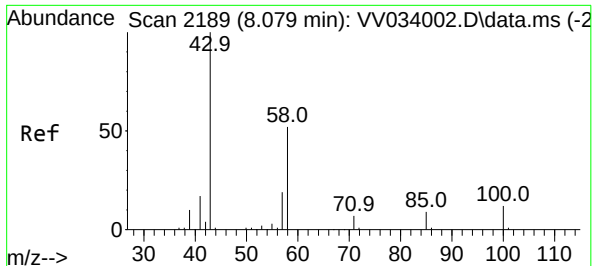
Tgt Ion: 97	Resp: 18249
Ion Ratio	Lower Upper
97 100	
99 61.7	45.6 84.6
83 86.4	62.3 115.7
85 54.9	38.5 71.5



#47
Tetrachloroethene
Concen: 4.311 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

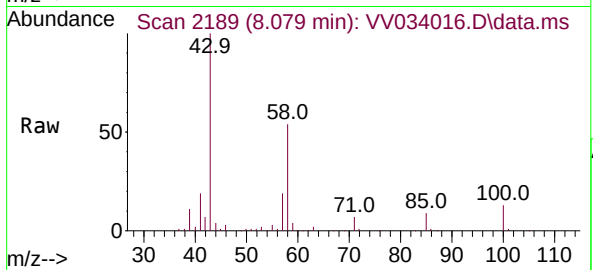
Tgt	Ion:164	Resp:	25713
Ion	Ratio	Lower	Upper
164	100		
129	89.5	67.8	125.8
131	87.1	63.0	117.0
166	122.8	92.6	172.0



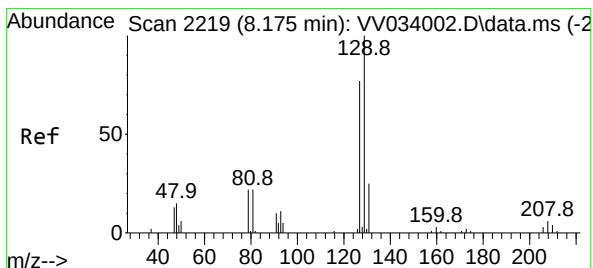
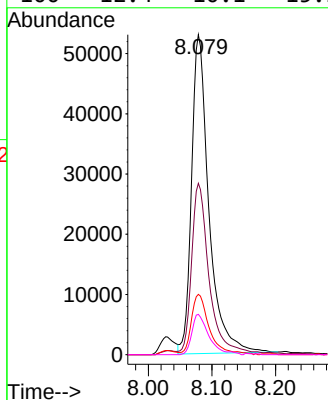
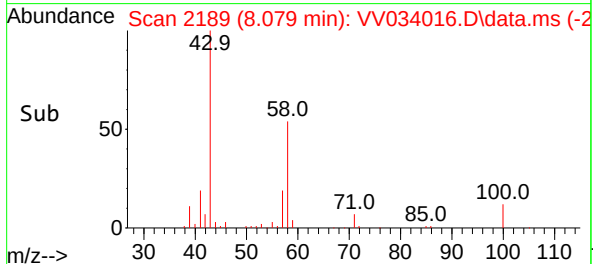


#48
2-Hexanone
Concen: 48.368 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Instrument :
MSVOA_V
ClientSampleId :

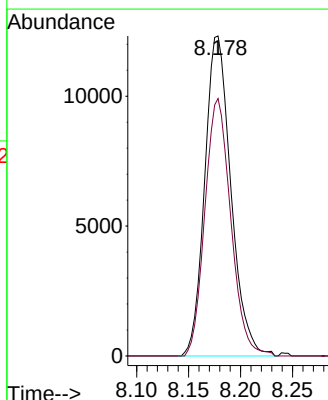
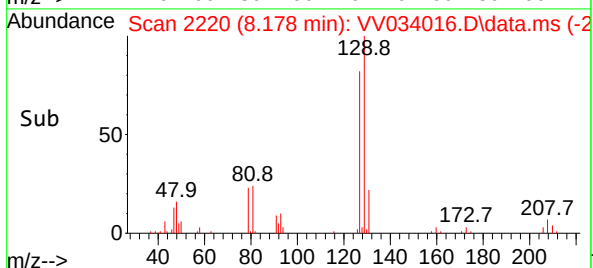
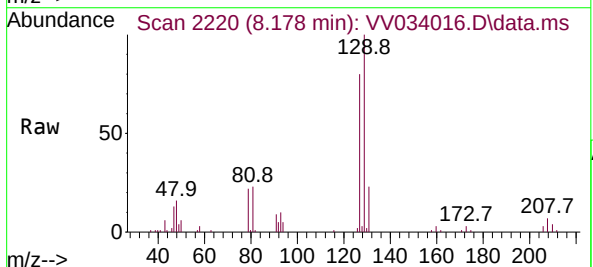


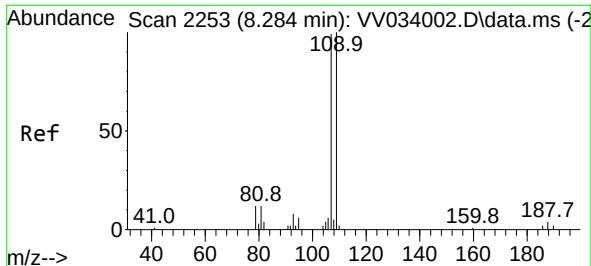
Tgt Ion: 43 Resp: 100316
Ion Ratio Lower Upper
43 100
58 53.1 42.6 64.0
57 19.7 15.5 23.3
100 12.4 10.1 15.1



#49
Dibromochloromethane
Concen: 4.796 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion: 129 Resp: 21622
Ion Ratio Lower Upper
129 100
127 80.4 53.5 99.5





#50

1,2-Dibromoethane

Concen: 4.951 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034016.D

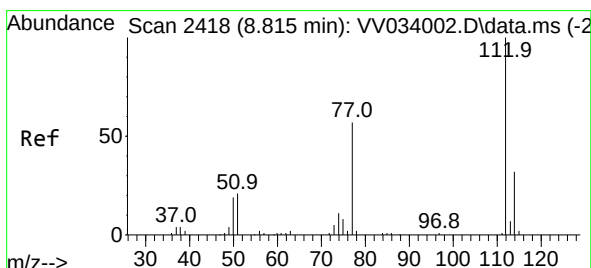
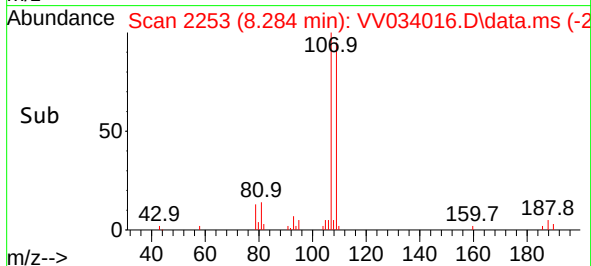
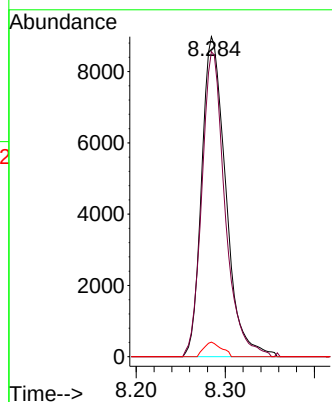
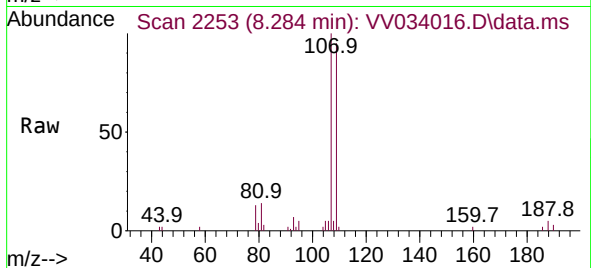
Acq: 06 Feb 2024 17:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	16861
Ion	Ratio	Lower	Upper
107	100		
109	95.3	64.5	119.9
188	4.5	2.6	4.0#



#51

Chlorobenzene

Concen: 4.615 ug/L

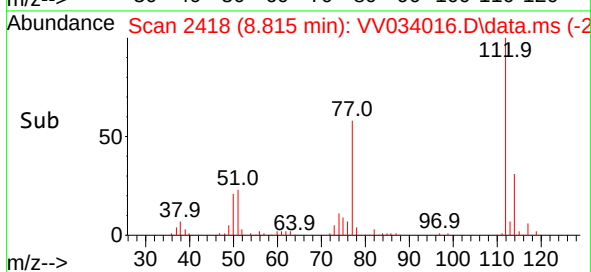
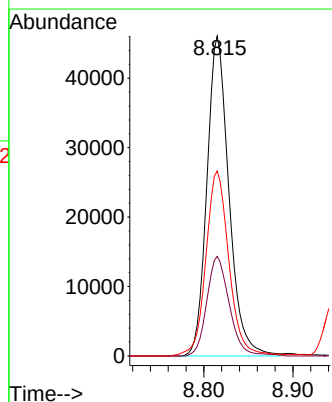
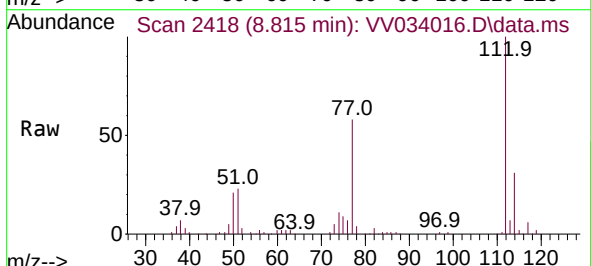
RT: 8.815 min Scan# 2418

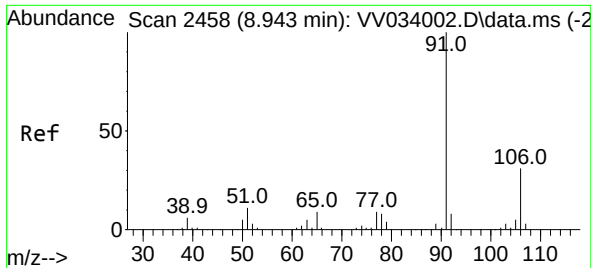
Delta R.T. -0.000 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

Tgt Ion:	112	Resp:	79108
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.5	41.7
77	57.8	48.1	72.1

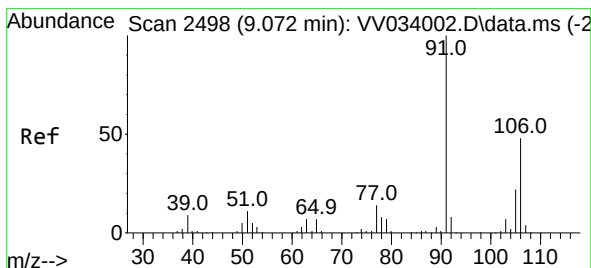
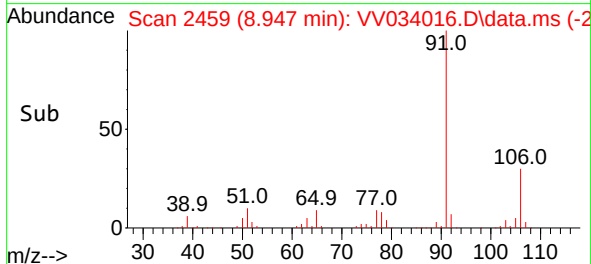
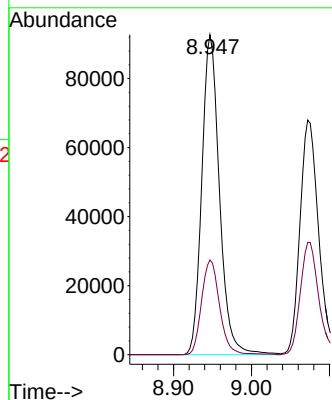
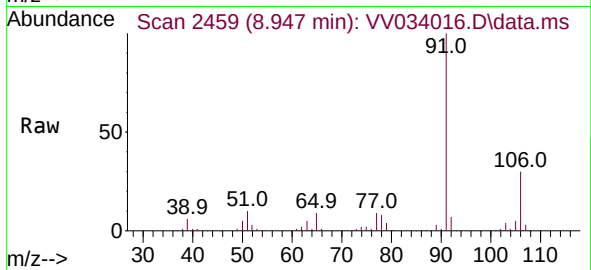




#52
Ethylbenzene
Concen: 4.681 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.004 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

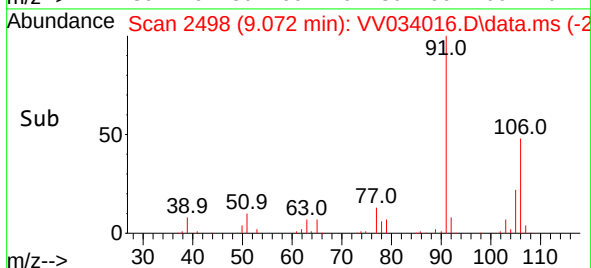
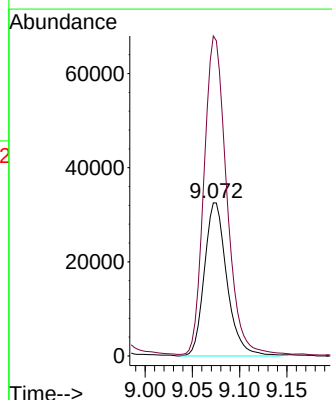
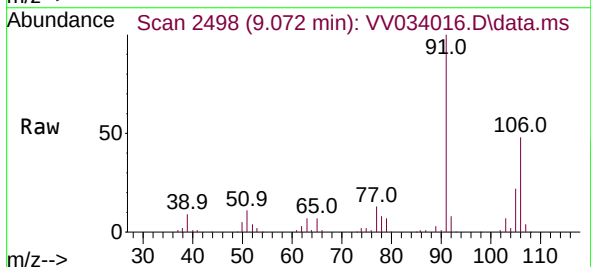
Instrument :
MSVOA_V
ClientSampleId :

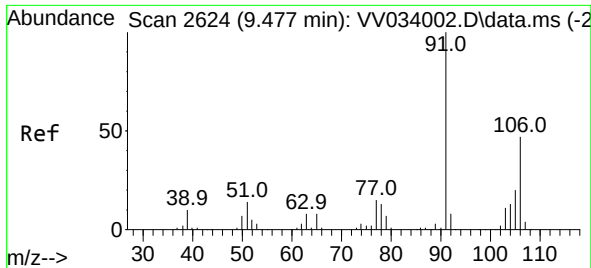
Tgt Ion: 91 Resp: 146069
Ion Ratio Lower Upper
91 100
106 29.6 21.4 39.8



#53
m,p-Xylene
Concen: 4.579 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion: 106 Resp: 53991
Ion Ratio Lower Upper
106 100
91 209.1 147.5 273.9

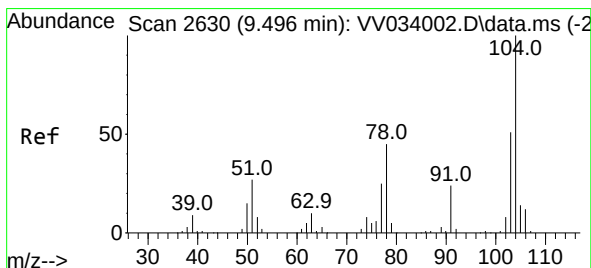
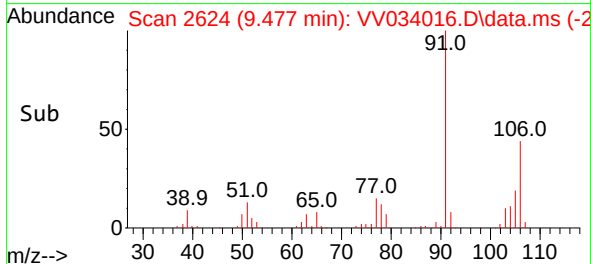
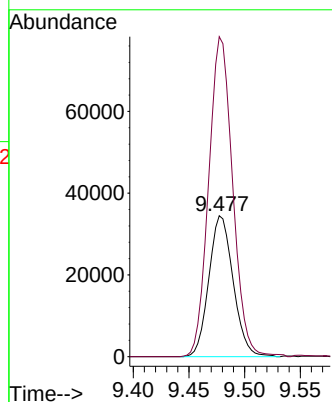
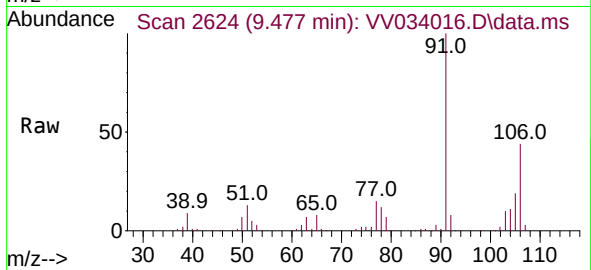




#54
o-Xylene
Concen: 4.606 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

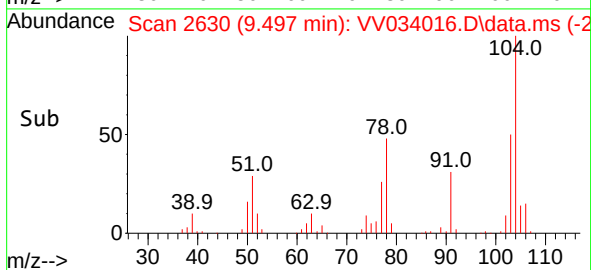
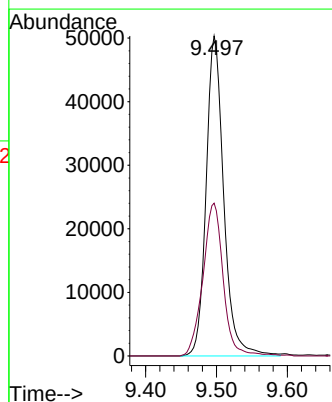
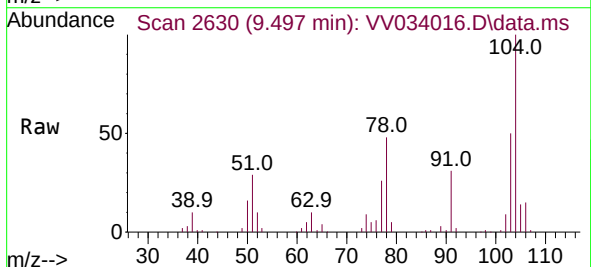
Instrument :
MSVOA_V
ClientSampleId :

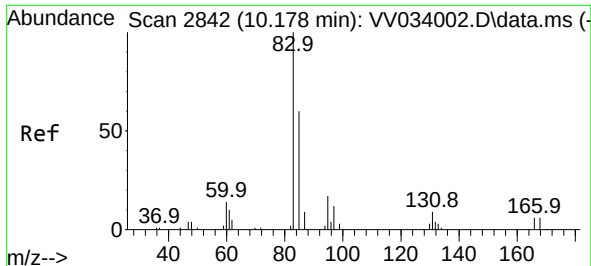
Tgt Ion:106 Resp: 52374
Ion Ratio Lower Upper
106 100
91 227.0 156.2 290.0



#55
Styrene
Concen: 4.782 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.001 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion:104 Resp: 87066
Ion Ratio Lower Upper
104 100
78 47.7 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.941 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

Instrument :

MSVOA_V

ClientSampleId :

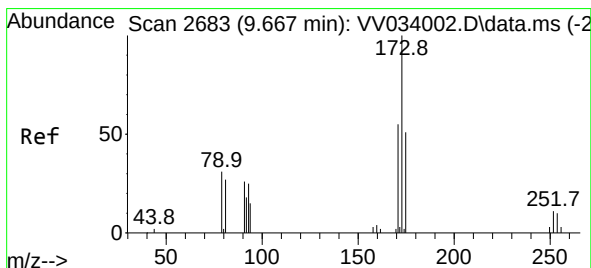
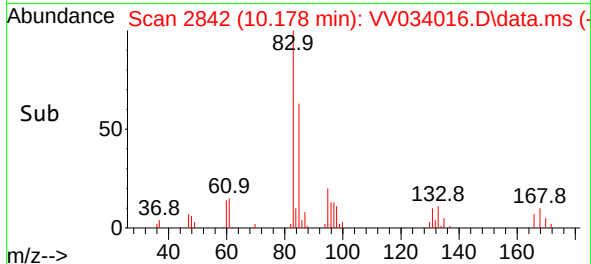
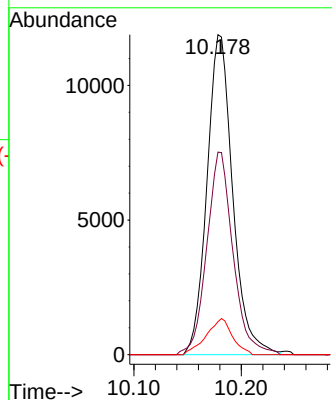
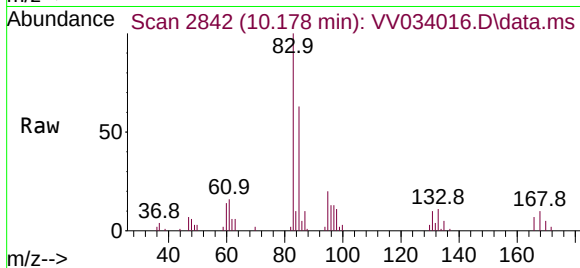
Tgt Ion: 83 Resp: 19784

Ion Ratio Lower Upper

83 100

85 63.3 46.5 86.3

131 10.3 8.4 12.6



#59

Bromoform

Concen: 4.564 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. -0.000 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

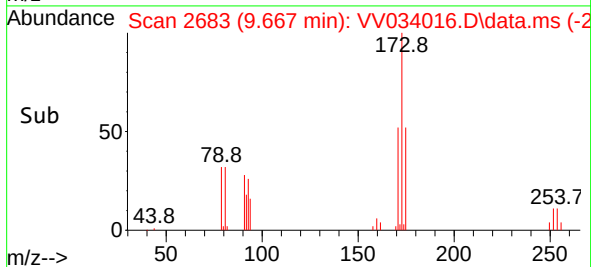
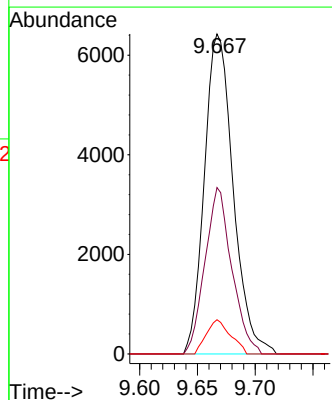
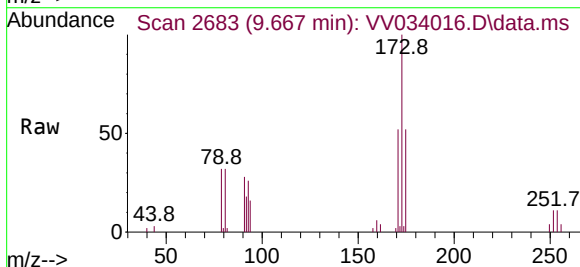
Tgt Ion: 173 Resp: 11149

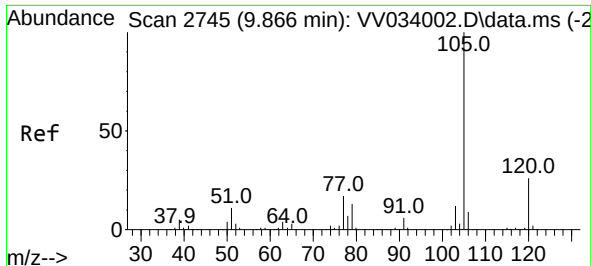
Ion Ratio Lower Upper

173 100

175 48.3 38.6 57.8

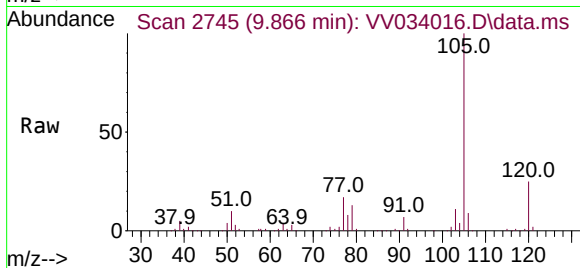
254 8.9 7.2 10.8



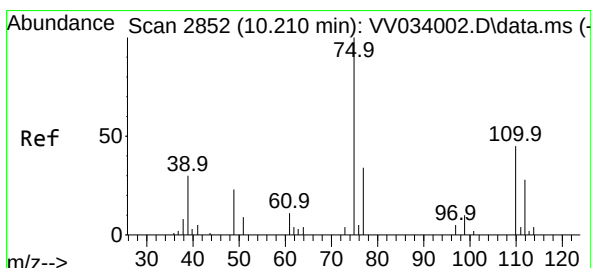
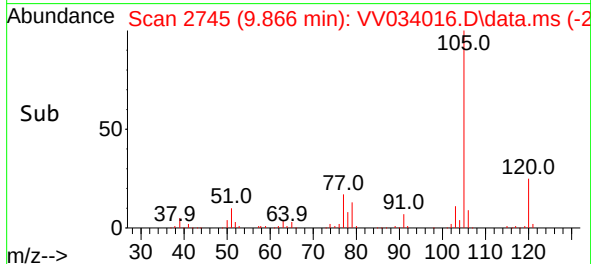
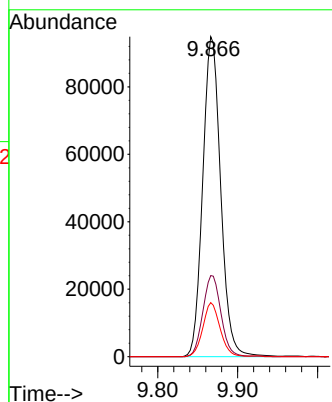


#60
Isopropylbenzene
Concen: 4.523 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Instrument :
MSVOA_V
ClientSampleId :

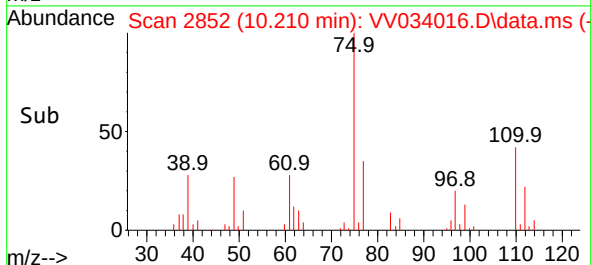
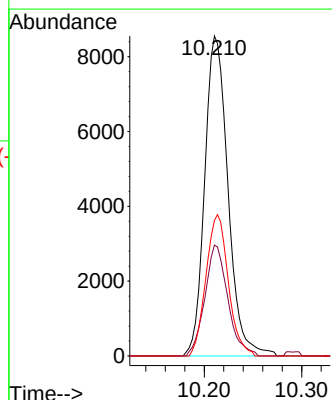
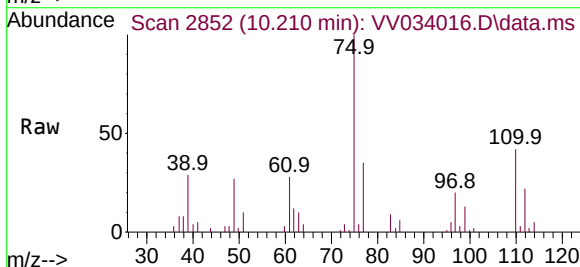


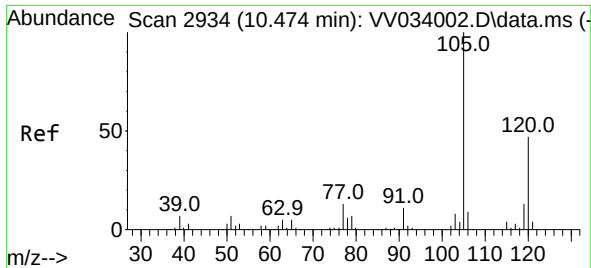
Tgt Ion:105 Resp: 148397
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.665 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion: 75 Resp: 14223
Ion Ratio Lower Upper
75 100
77 34.1 26.9 40.3
110 42.3 33.3 49.9

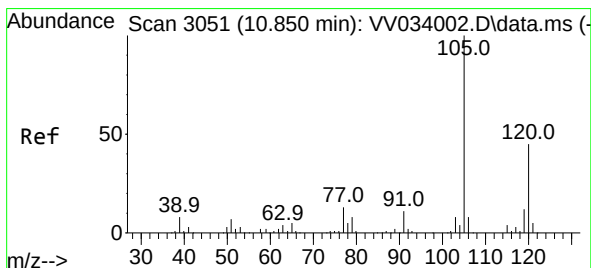
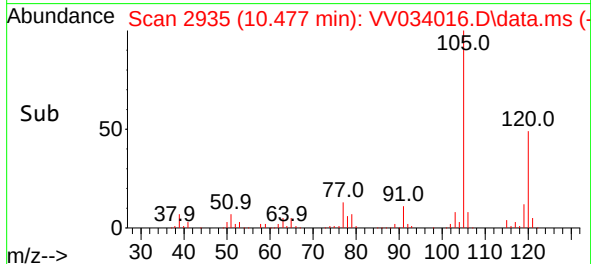
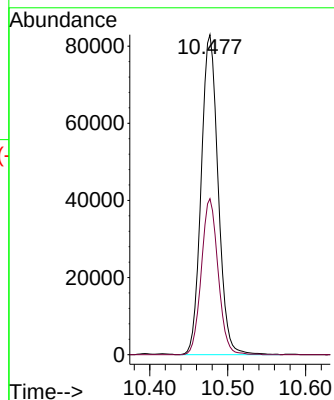
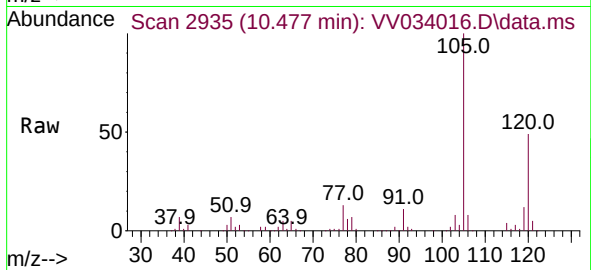




#62
 1,3,5-Trimethylbenzene
 Concen: 4.519 ug/L
 RT: 10.477 min Scan# 2934
 Delta R.T. 0.003 min
 Lab File: VV034016.D
 Acq: 06 Feb 2024 17:29

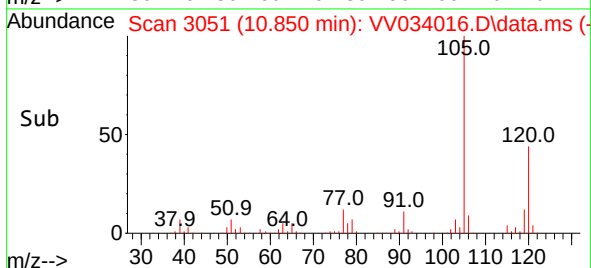
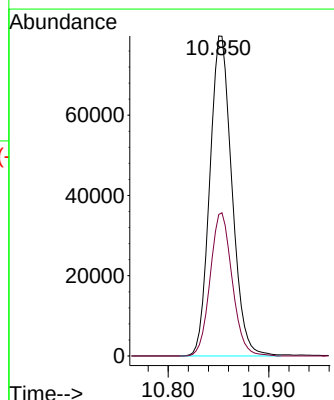
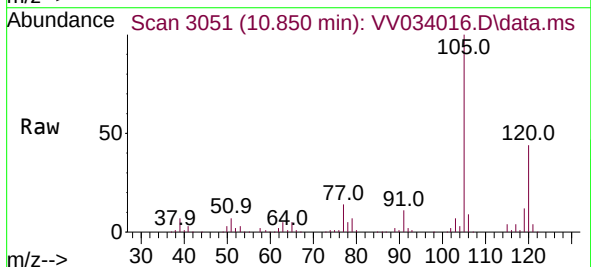
Instrument :
 MSVOA_V
 ClientSampleId :

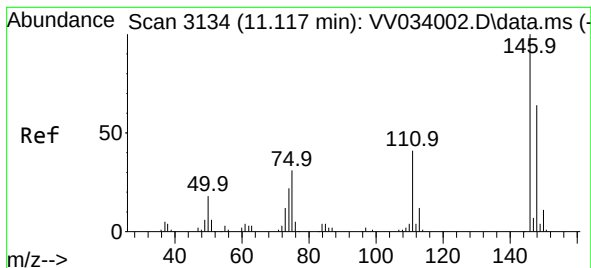
Tgt Ion:105 Resp: 125365
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.530 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.000 min
 Lab File: VV034016.D
 Acq: 06 Feb 2024 17:29

Tgt Ion:105 Resp: 122094
 Ion Ratio Lower Upper
 105 100
 120 44.4 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 4.581 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

Instrument :

MSVOA_V

ClientSampleId :

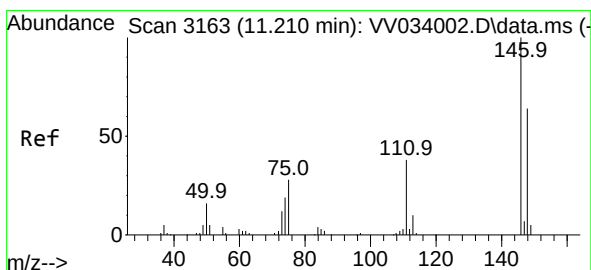
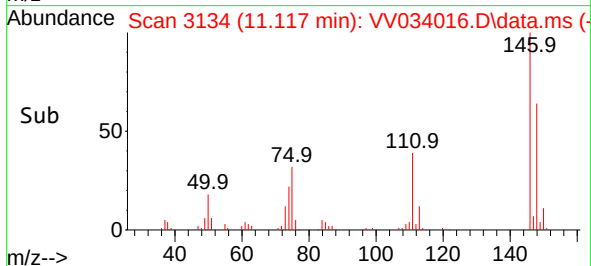
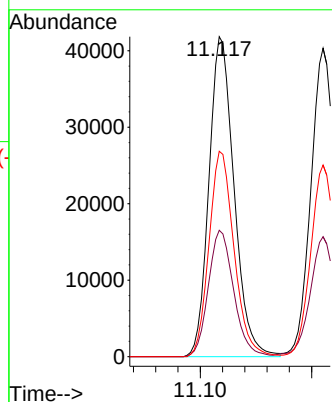
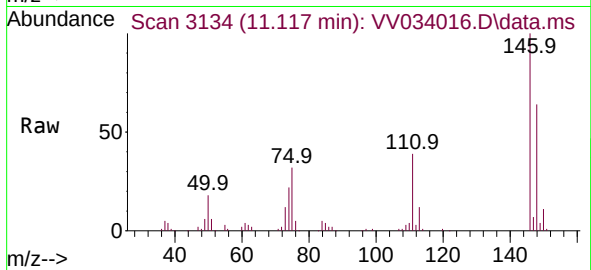
Tgt Ion:146 Resp: 65537

Ion Ratio Lower Upper

146 100

111 39.5 28.5 52.9

148 64.2 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 4.430 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

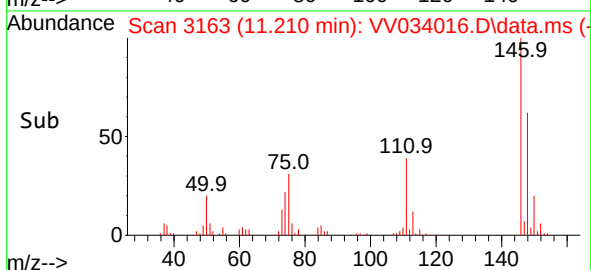
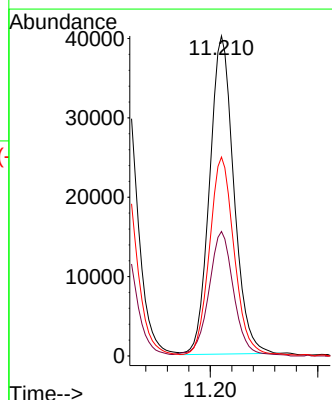
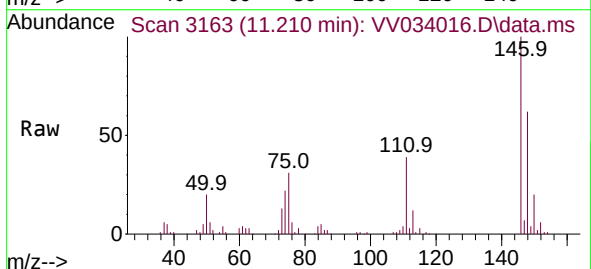
Tgt Ion:146 Resp: 62762

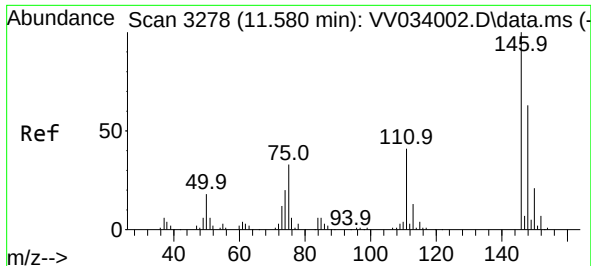
Ion Ratio Lower Upper

146 100

111 38.9 27.6 51.4

148 62.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.665 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

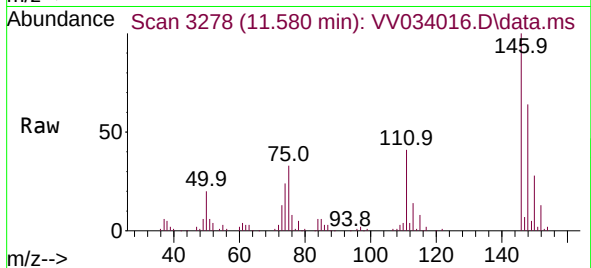
Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

Instrument :

MSVOA_V

ClientSampleId :



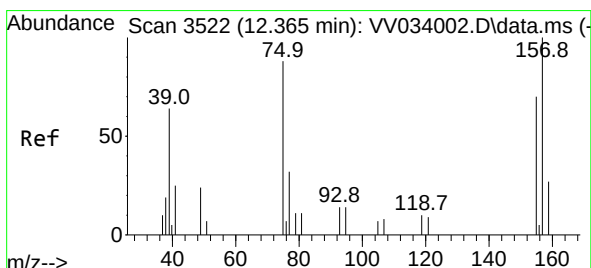
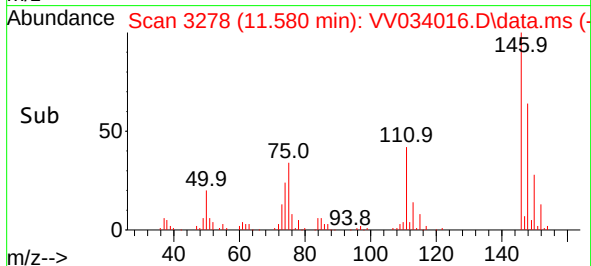
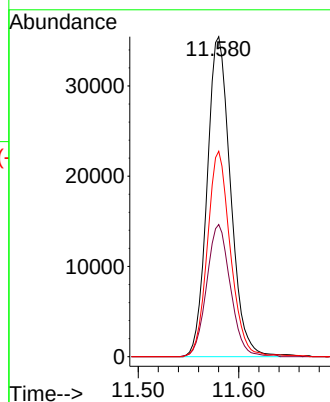
Tgt Ion:146 Resp: 57325

Ion Ratio Lower Upper

146 100

111 41.3 31.2 46.8

148 64.2 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.193 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

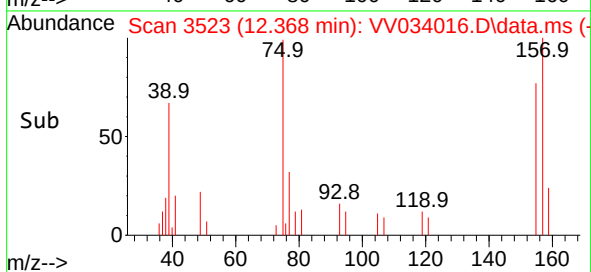
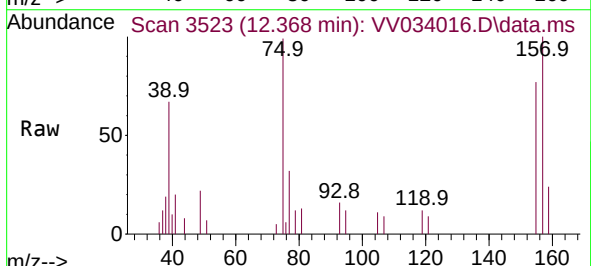
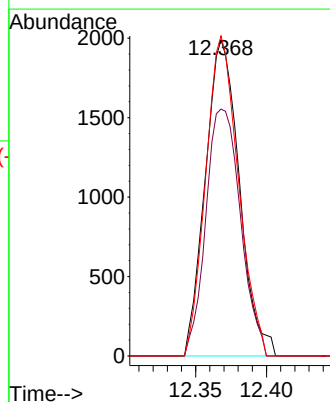
Tgt Ion: 75 Resp: 3318

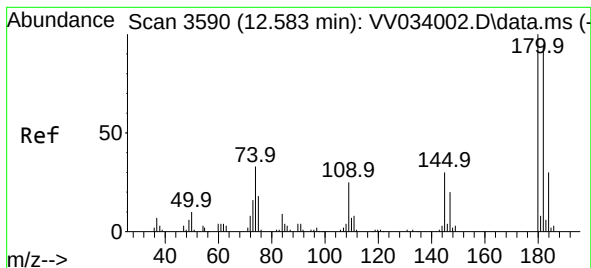
Ion Ratio Lower Upper

75 100

155 78.1 68.9 103.3

157 101.3 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 4.591 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

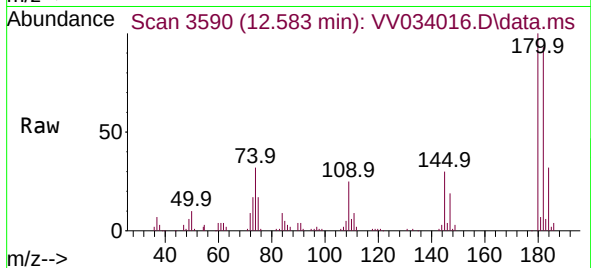
Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 50831

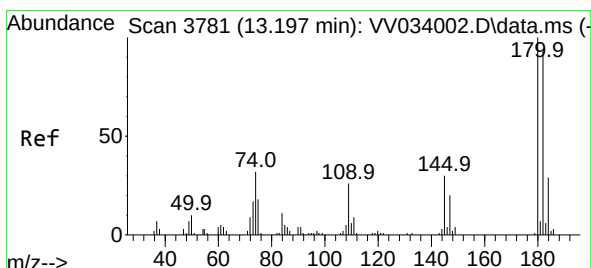
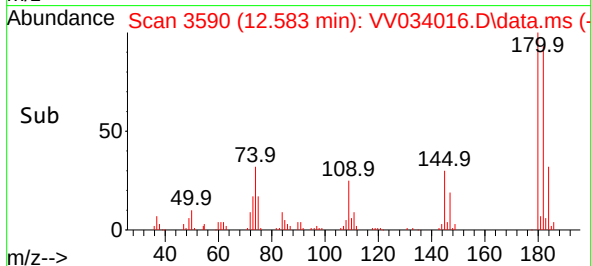
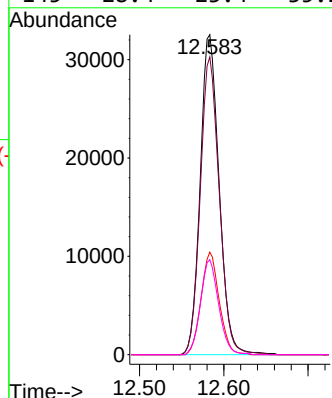
Ion Ratio Lower Upper

180 100

182 93.5 77.0 115.4

184 30.8 23.8 35.6

145 28.4 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 4.661 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.004 min

Lab File: VV034016.D

Acq: 06 Feb 2024 17:29

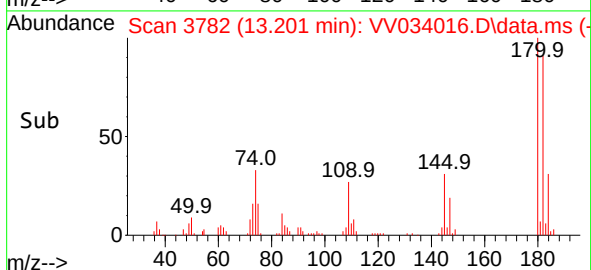
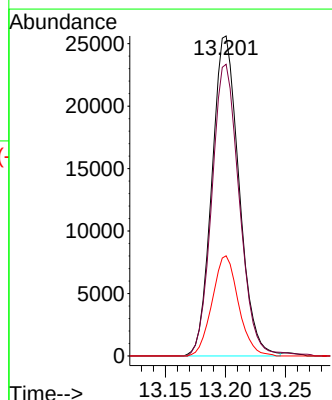
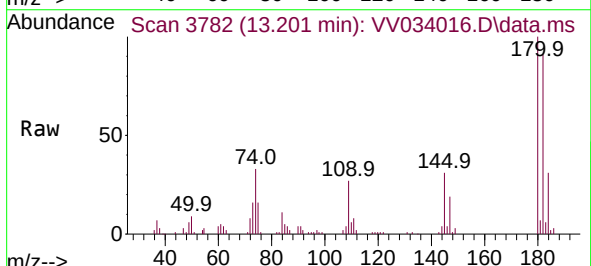
Tgt Ion:180 Resp: 40286

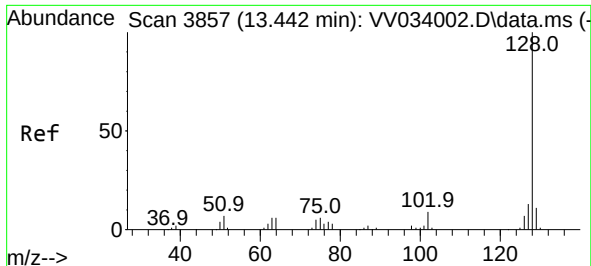
Ion Ratio Lower Upper

180 100

182 92.6 76.8 115.2

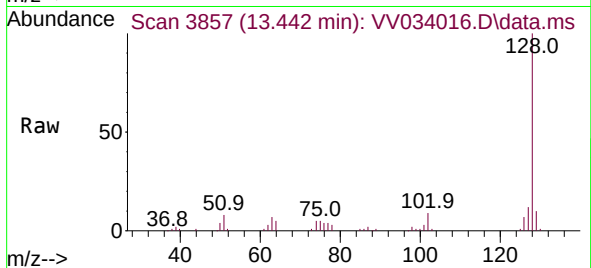
145 30.3 24.8 37.2



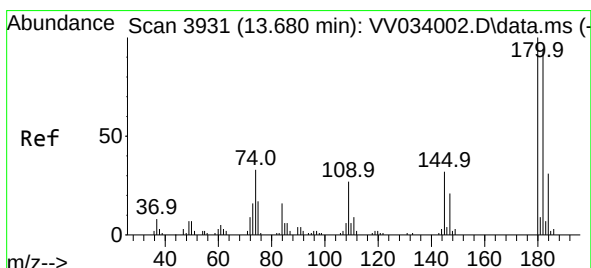
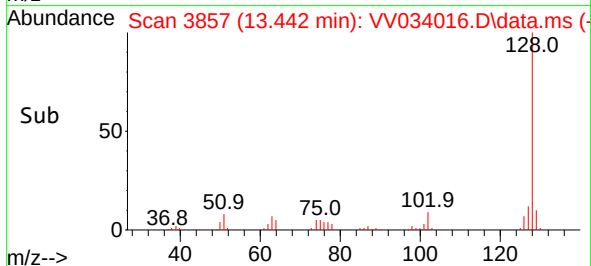
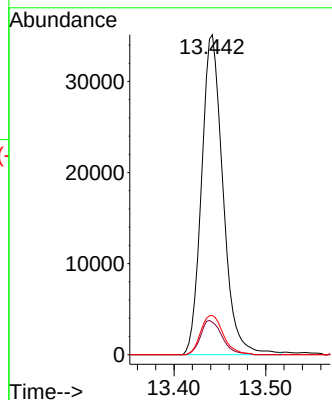


#71
Naphthalene
Concen: 5.042 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 57106
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.786 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV034016.D
Acq: 06 Feb 2024 17:29

Tgt Ion:180 Resp: 33143
Ion Ratio Lower Upper
180 100
182 95.0 75.0 112.6
145 31.7 25.2 37.8

