

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
 Data File : VV034123.D
 Acq On : 09 Feb 2024 19:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 23:18:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 22:58:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	77419	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72120	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37739	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26997	4.503	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.532	69	22429	4.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.060	65	12903	4.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.793	46	44889	44.577	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.160%
24) Chloroform-d	4.252	84	51006	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.947	65	24211	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.963	84	91320	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.992	67	24459	4.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.246	98	87481	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.558	79	10402	4.555	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.024	63	37681	46.217	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.440%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16507	4.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	30790	4.486	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	32354	4.560	ug/L	98
3) Chloromethane	1.214	50	34529	4.462	ug/L	100
5) Vinyl chloride	1.281	62	34191	4.624	ug/L	89
6) Bromomethane	1.487	94	19786	5.081	ug/L	97
8) Chloroethane	1.548	64	22069	4.375	ug/L	97
9) Trichlorofluoromethane	1.712	101	55613	5.219	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27714	4.975	ug/L	99
12) 1,1-Dichloroethene	2.069	96	27118	5.014	ug/L	97
13) Acetone	2.114	43	35985	47.103	ug/L #	38
14) Carbon disulfide	2.240	76	74909	4.281	ug/L	98
15) Methyl Acetate	2.378	43	9452	5.228	ug/L	96
16) Methylene chloride	2.449	84	25177	4.852	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	60426	5.438	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	26098	4.738	ug/L	99
19) 1,1-Dichloroethane	3.111	63	49991	4.939	ug/L	98
21) 2-Butanone	3.873	43	47081	46.635	ug/L #	54
22) cis-1,2-Dichloroethene	3.818	96	28560	4.570	ug/L	98
23) Bromochloromethane	4.150	128	11691	5.381	ug/L	93
25) Chloroform	4.278	83	51866	5.069	ug/L	92

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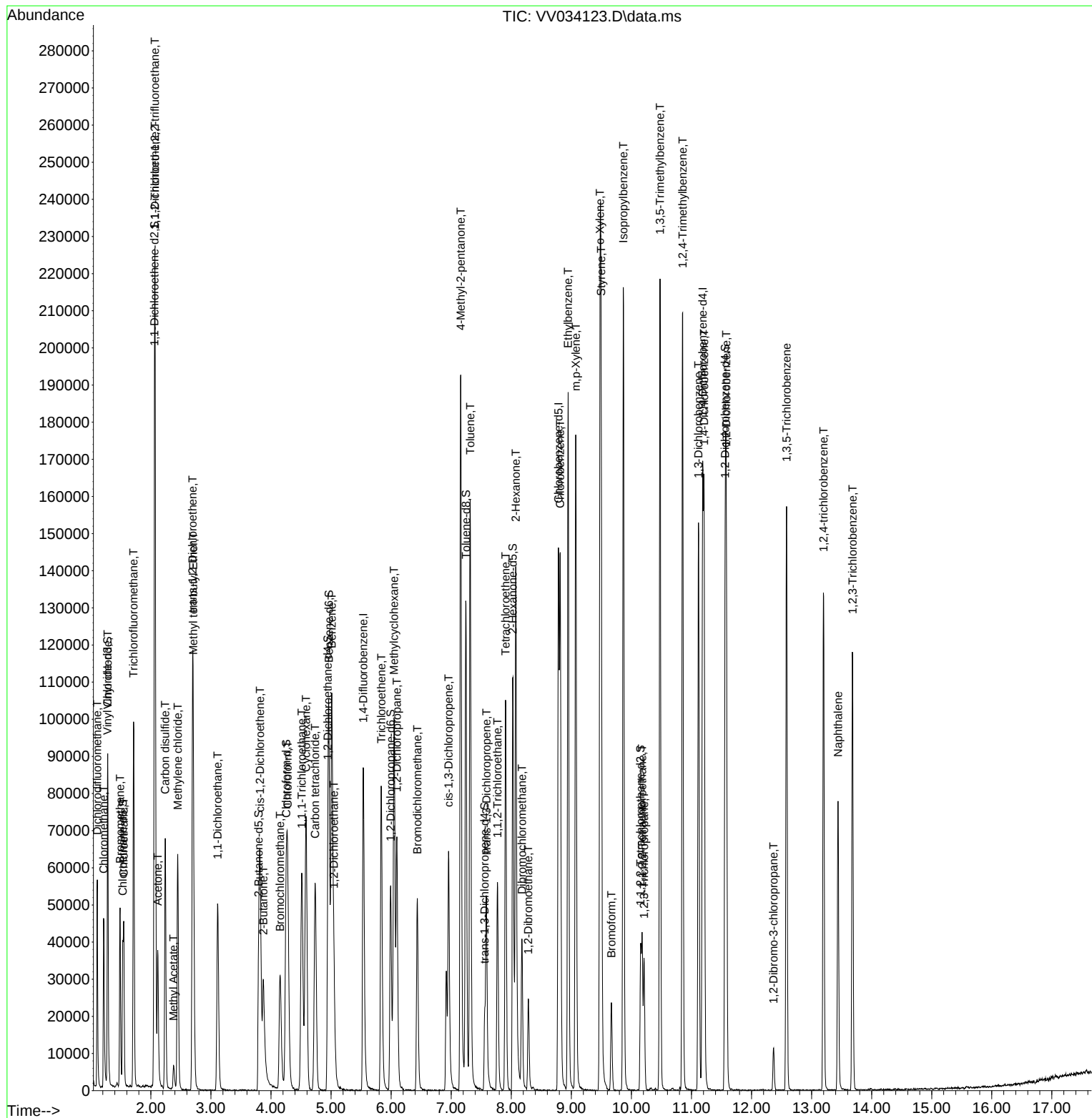
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	32112	5.481	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	49751	5.138	ug/L	98
30) Cyclohexane	4.584	56	40932	4.347	ug/L	98
31) Carbon tetrachloride	4.735	117	43579	5.144	ug/L	98
33) Benzene	5.011	78	103548	4.787	ug/L	100
34) Trichloroethene	5.838	95	28054	4.481	ug/L	96
35) Methylcyclohexane	6.050	83	43234	4.400	ug/L	96
37) 1,2-Dichloropropane	6.095	63	24525	4.680	ug/L	100
38) Bromodichloromethane	6.436	83	35108	5.104	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	38528	4.833	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	128806	51.335	ug/L	98
42) Toluene	7.317	91	113090	4.892	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	30045	4.908	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	16883	5.218	ug/L	96
47) Tetrachloroethene	7.905	164	22442	4.412	ug/L	95
48) 2-Hexanone	8.075	43	88176	49.855	ug/L	98
49) Dibromochloromethane	8.178	129	19369	5.038	ug/L	96
50) 1,2-Dibromoethane	8.284	107	15476	5.329	ug/L #	97
51) Chlorobenzene	8.815	112	71590	4.898	ug/L	98
52) Ethylbenzene	8.947	91	129721	4.875	ug/L	99
53) m,p-Xylene	9.075	106	49065	4.879	ug/L	97
54) o-Xylene	9.477	106	47850	4.935	ug/L	97
55) Styrene	9.497	104	79920	5.147	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	18098	5.300	ug/L	96
59) Bromoform	9.667	173	10346	4.976	ug/L	95
60) Isopropylbenzene	9.866	105	131910	4.724	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	12812	4.938	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	110708	4.690	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	109936	4.793	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	60071	4.934	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	59030	4.896	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	54045	5.168	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	3133	5.762	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	45900	4.871	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	38195	5.193	ug/L	99
71) Naphthalene	13.442	128	61257	6.356	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	33201	5.633	ug/L	98

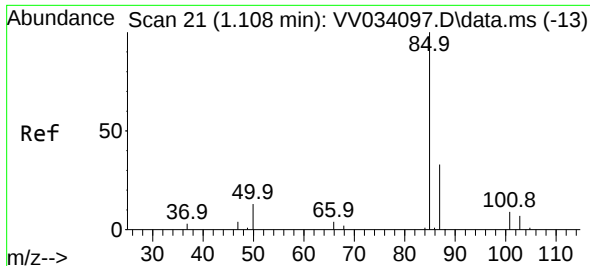
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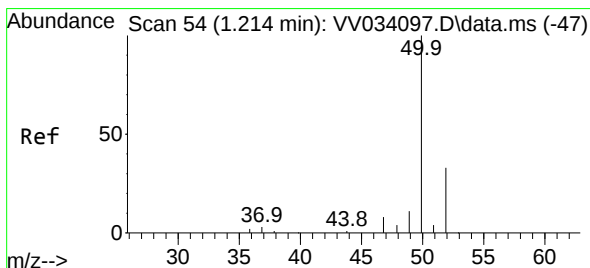
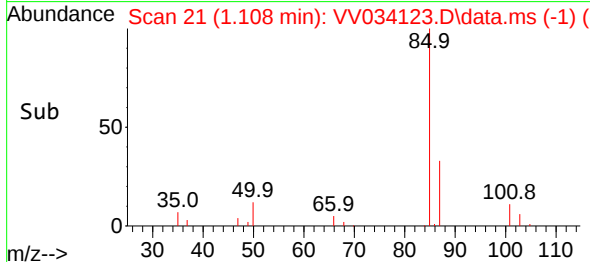
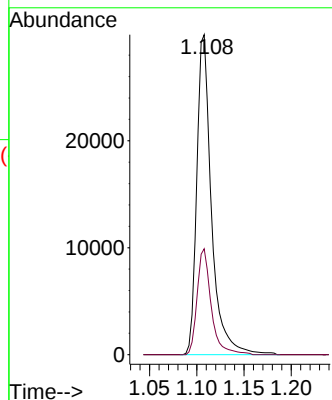
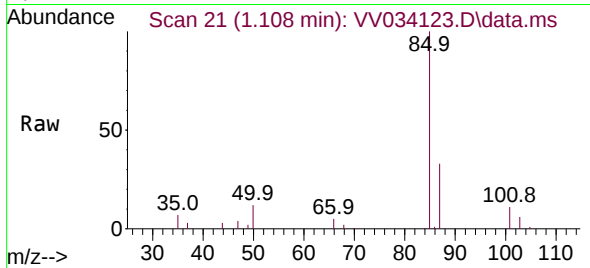




#2
 Dichlorodifluoromethane
 Concen: 4.560 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034123.D
 Acq: 09 Feb 2024 19:40

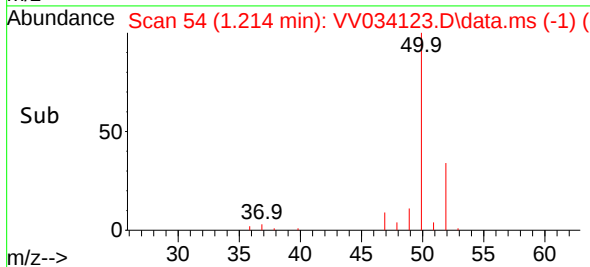
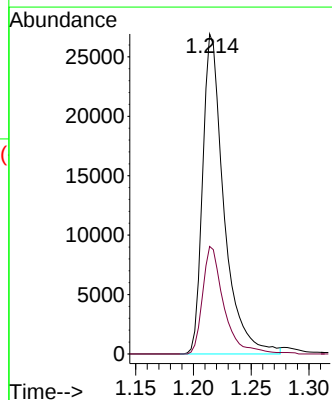
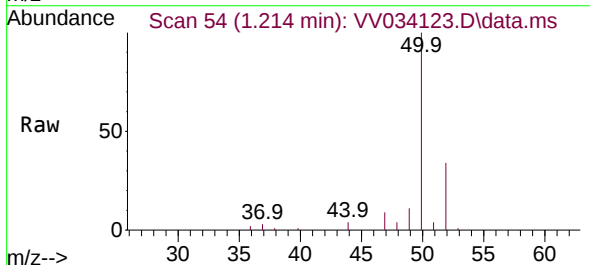
Instrument :
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 ClientSampleId :

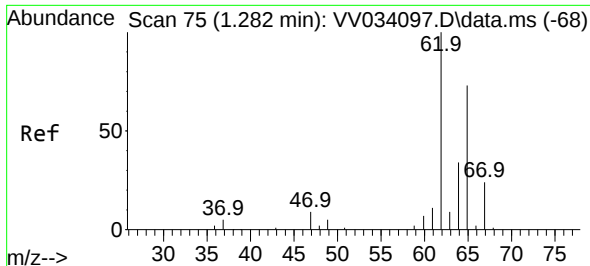
Tgt Ion: 85 Resp: 32354
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.2 39.4



#3
 Chloromethane
 Concen: 4.462 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV034123.D
 Acq: 09 Feb 2024 19:40

Tgt Ion: 50 Resp: 34529
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.4 43.4

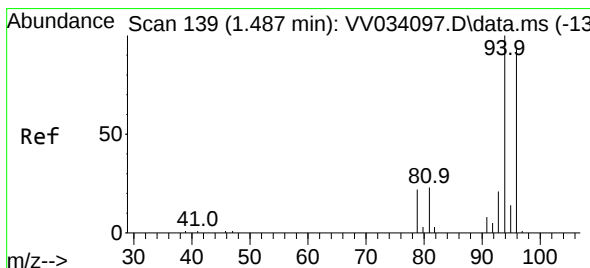
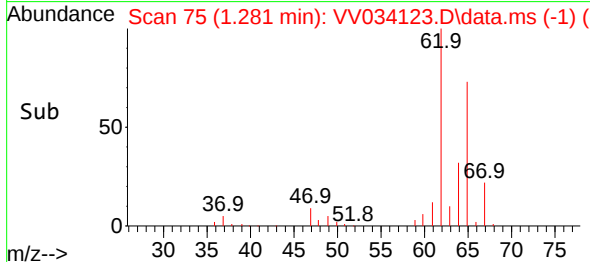
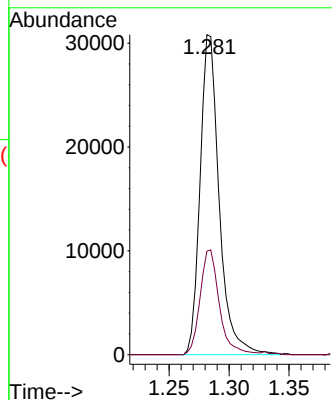
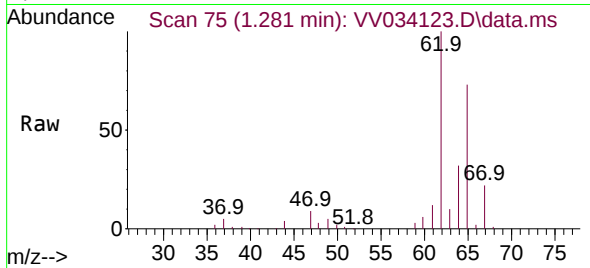




#5
 Vinyl chloride
 Concen: 4.624 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV034123.D
 Acq: 09 Feb 2024 19:40

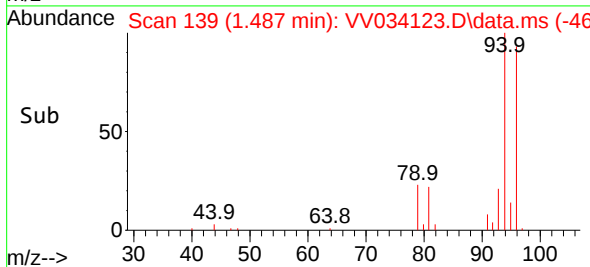
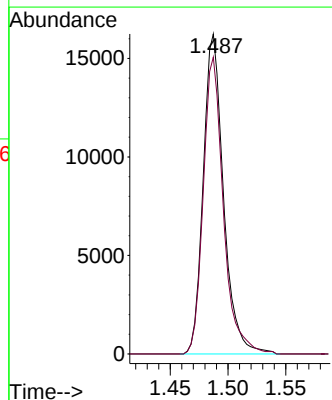
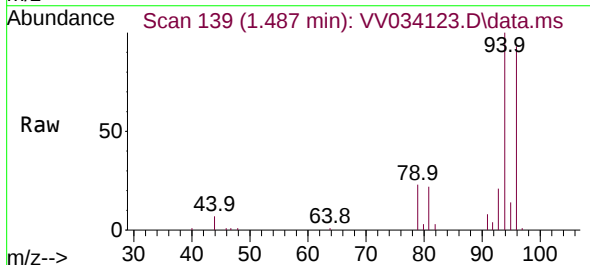
Instrument :
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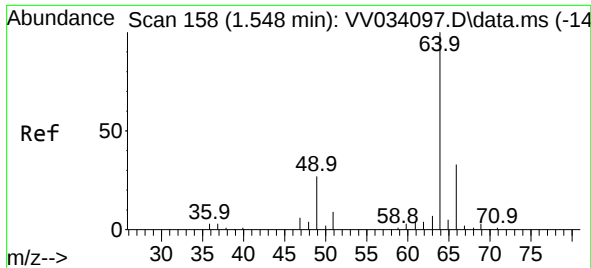
Tgt Ion: 62 Resp: 34191
 Ion Ratio Lower Upper
 62 100
 64 32.3 27.2 50.4



#6
 Bromomethane
 Concen: 5.081 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV034123.D
 Acq: 09 Feb 2024 19:40

Tgt Ion: 94 Resp: 19786
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.6 123.8

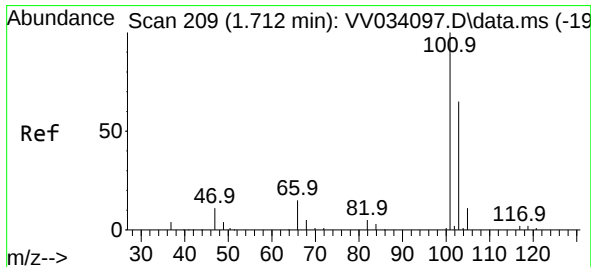
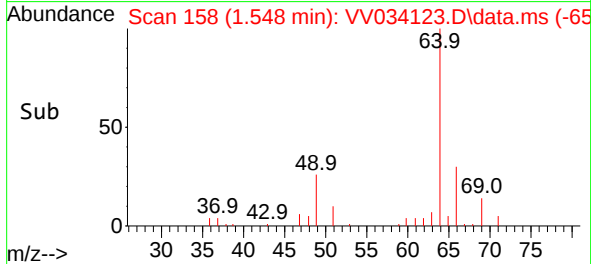
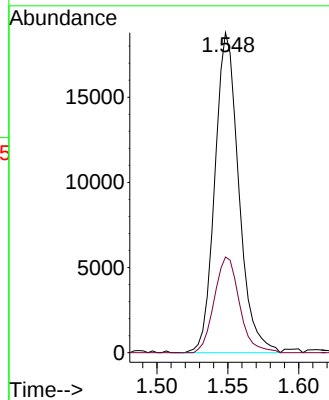
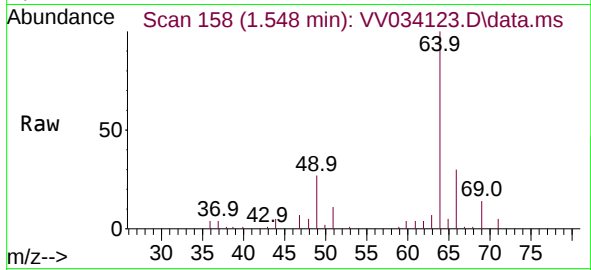




#8
Chloroethane
Concen: 4.375 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

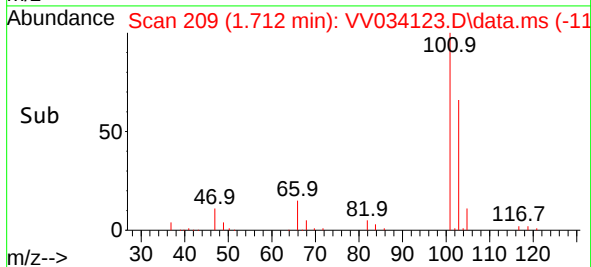
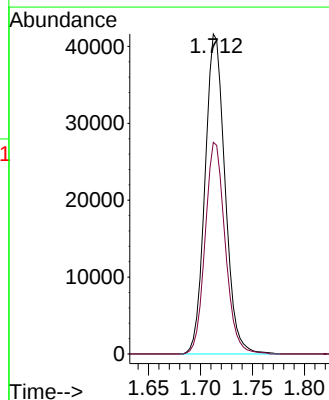
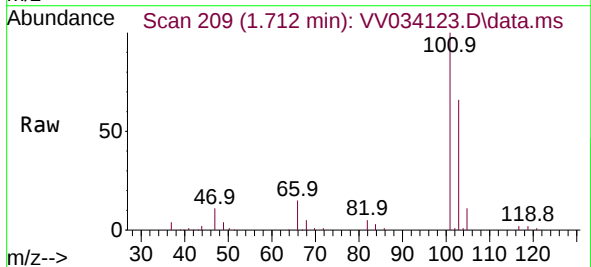
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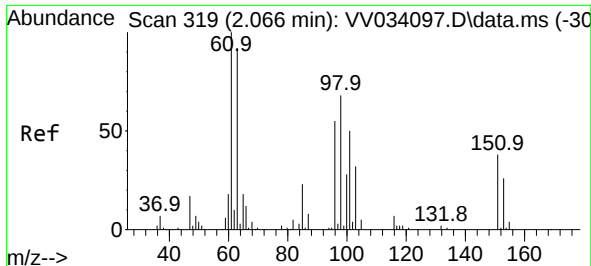
Tgt Ion: 64 Resp: 22069
Ion Ratio Lower Upper
64 100
66 29.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.219 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Tgt Ion:101 Resp: 55613
Ion Ratio Lower Upper
101 100
103 66.2 51.0 76.4

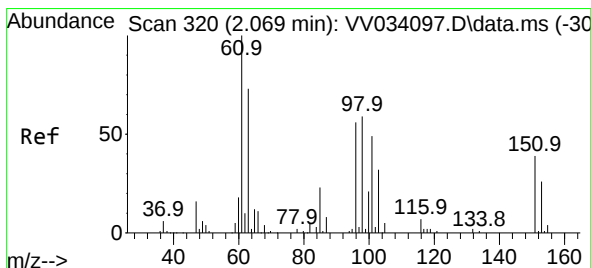
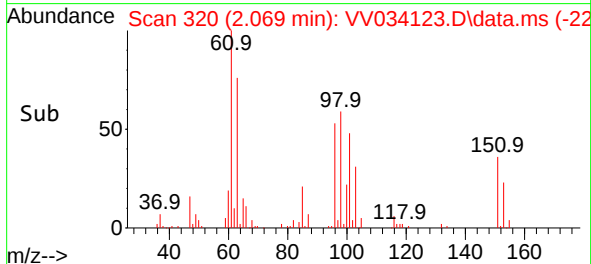
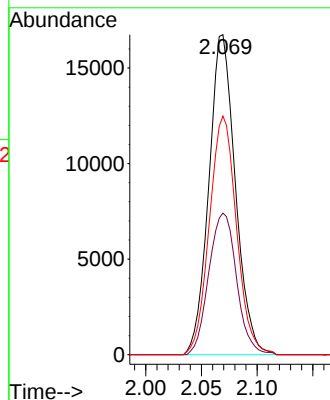
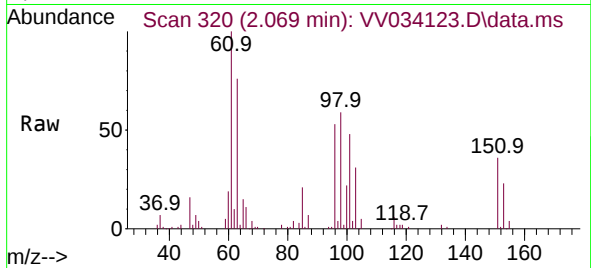




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.975 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

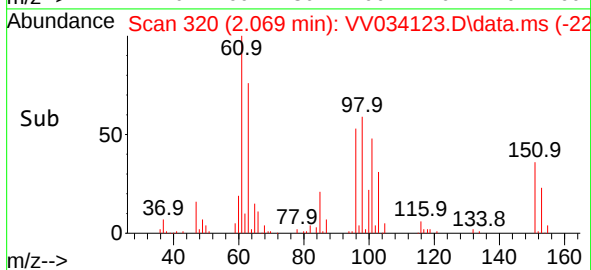
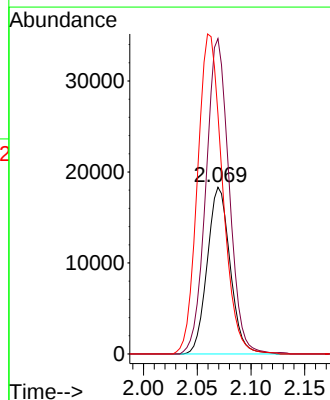
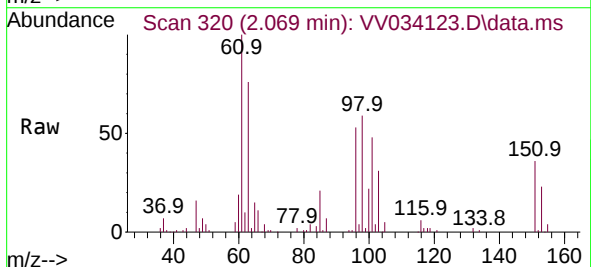
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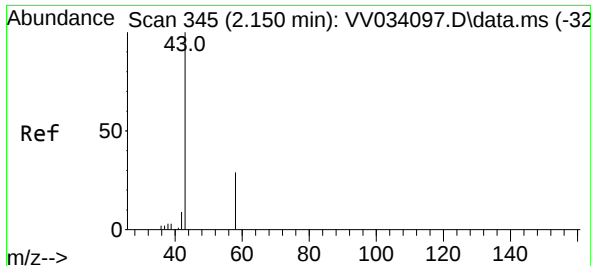
Tgt Ion:101 Resp: 27714
Ion Ratio Lower Upper
101 100
85 46.3 37.1 55.7
151 76.3 61.7 92.5



#12
1,1-Dichloroethene
Concen: 5.014 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Tgt Ion: 96 Resp: 27118
Ion Ratio Lower Upper
96 100
61 189.2 128.8 239.2
63 143.8 97.9 181.9





#13

Acetone

Concen: 47.103 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.035 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

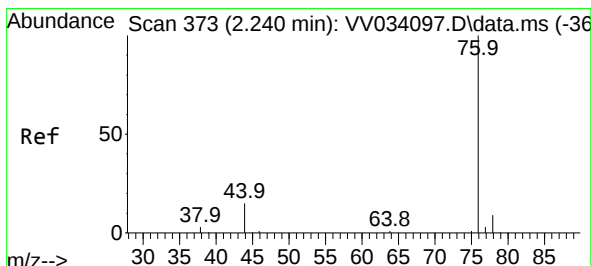
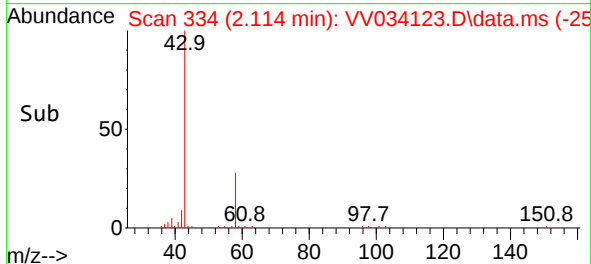
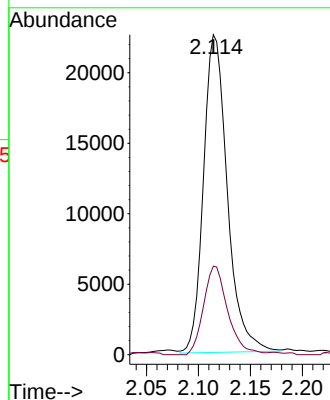
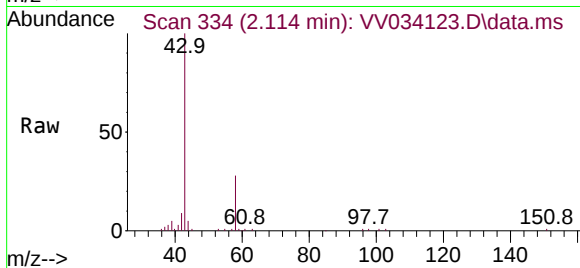
ClientSampleId :

Tgt Ion: 43 Resp: 35985

Ion Ratio Lower Upper

43 100

58 28.1 0.0 13.8#



#14

Carbon disulfide

Concen: 4.281 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

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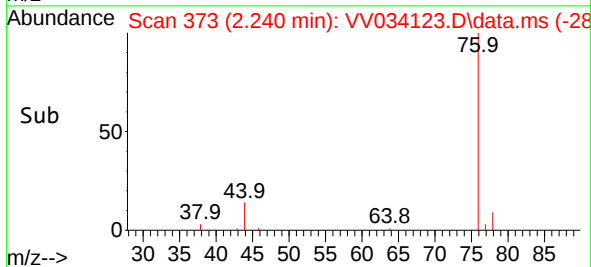
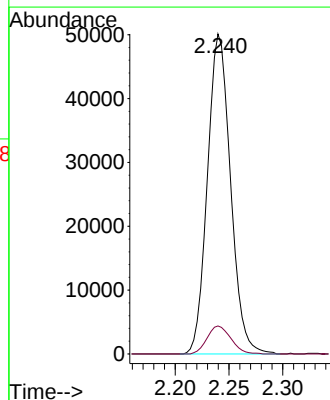
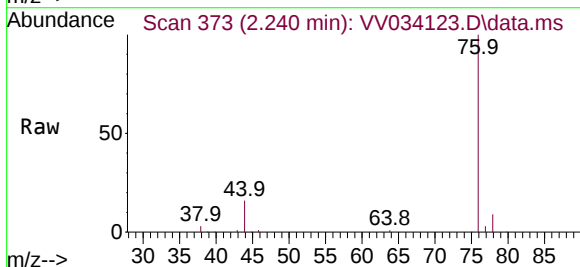
Acq: 09 Feb 2024 19:40

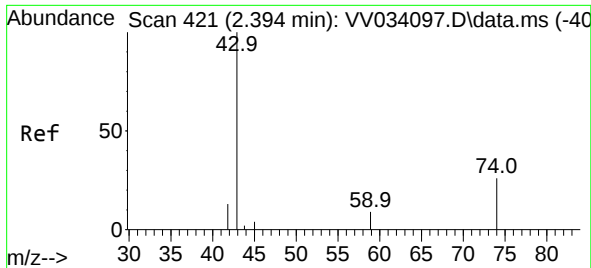
Tgt Ion: 76 Resp: 74909

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3





#15

Methyl Acetate

Concen: 5.228 ug/L

RT: 2.378 min Scan# 41

Delta R.T. -0.016 min

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MSVOA_V

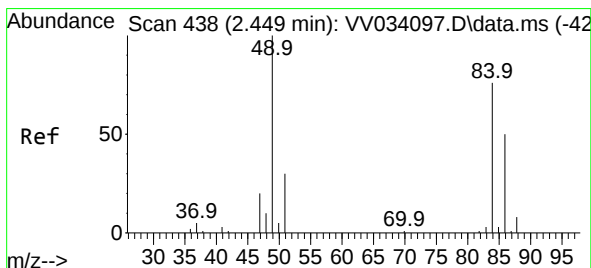
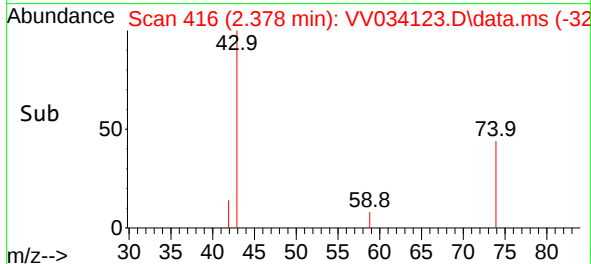
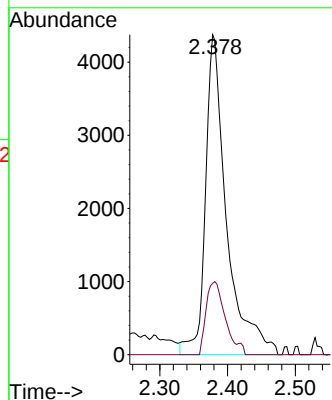
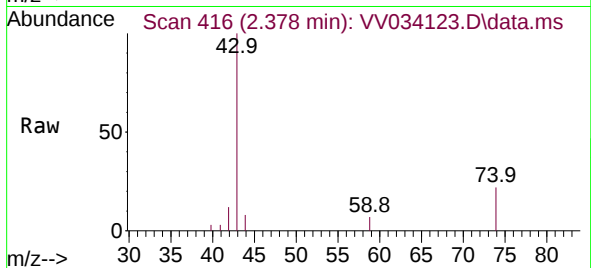
ClientSampleId :

Tgt Ion: 43 Resp: 9452

Ion Ratio Lower Upper

43 100

74 20.8 18.2 27.4



#16

Methylene chloride

Concen: 4.852 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

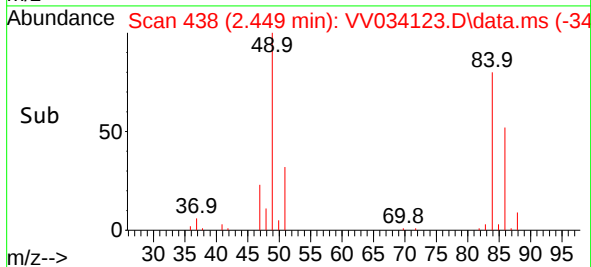
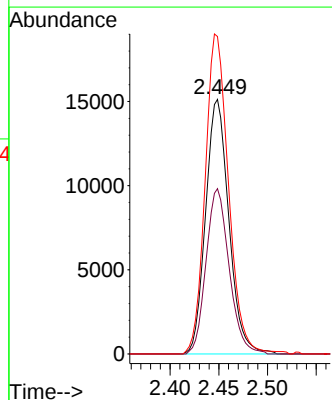
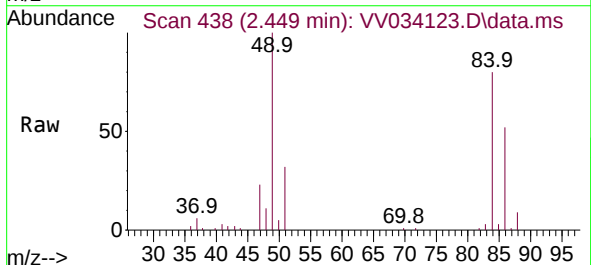
Tgt Ion: 84 Resp: 25177

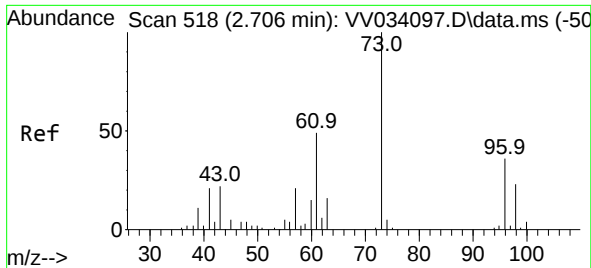
Ion Ratio Lower Upper

84 100

86 64.9 44.7 83.1

49 124.7 93.7 173.9

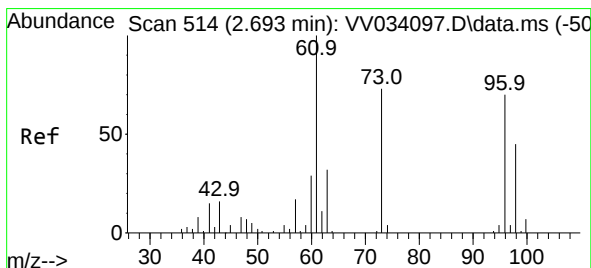
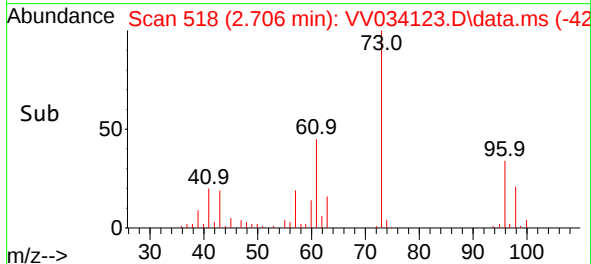
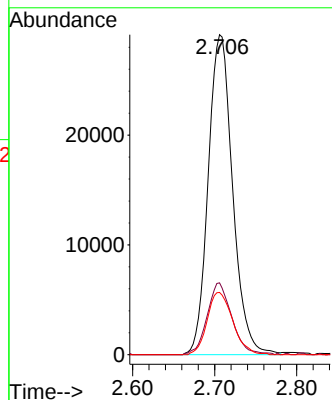
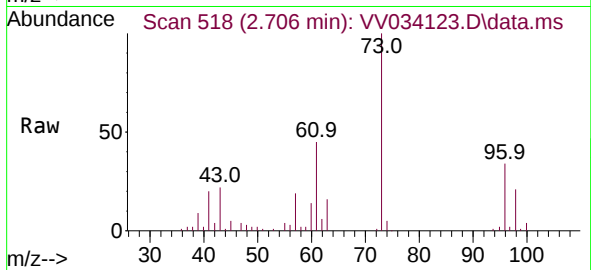




#17
Methyl tert-butyl Ether
Concen: 5.438 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

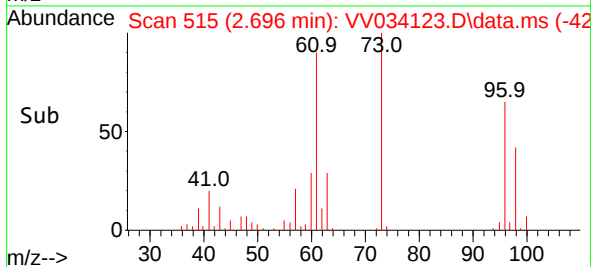
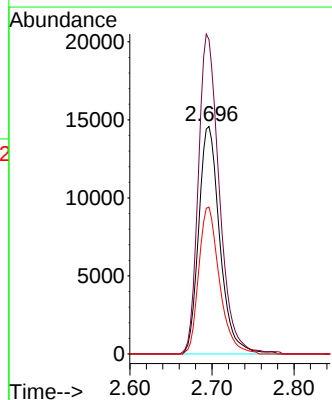
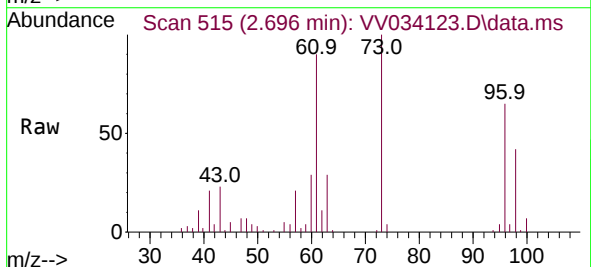
Instrument :
MSVOA_V
ClientSampleId :

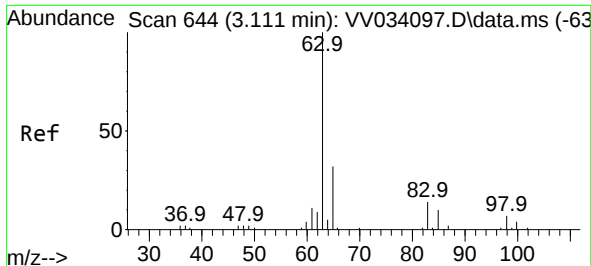
Tgt Ion: 73 Resp: 60426
Ion Ratio Lower Upper
73 100
43 22.6 17.7 26.5
57 20.4 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.738 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Tgt Ion: 96 Resp: 26098
Ion Ratio Lower Upper
96 100
61 138.1 97.6 181.4
98 64.5 44.4 82.5

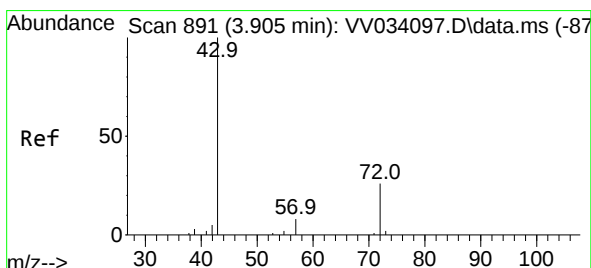
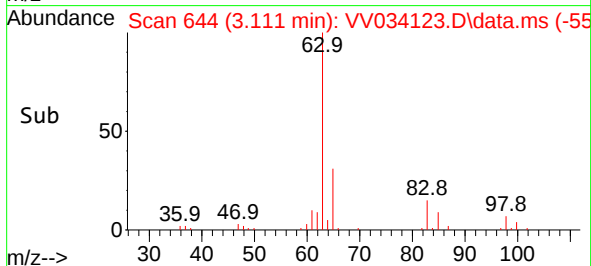
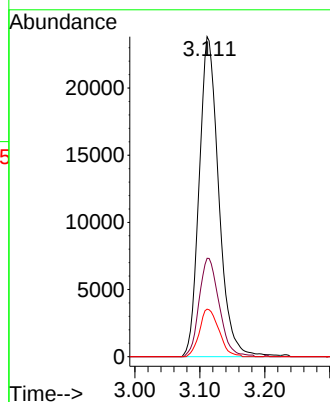
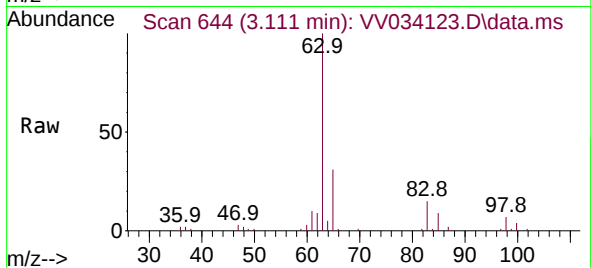




#19
1,1-Dichloroethane
Concen: 4.939 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

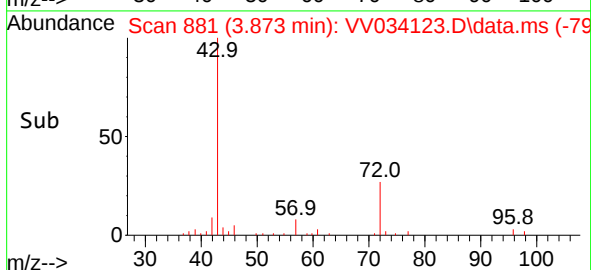
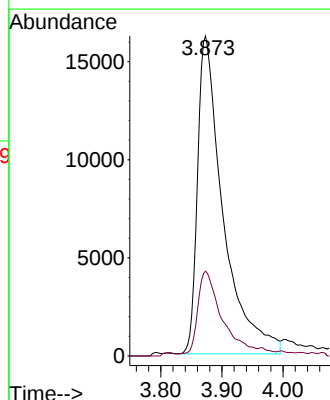
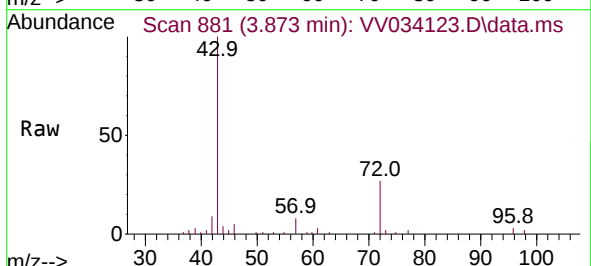
Instrument :
MSVOA_V
ClientSampleId :

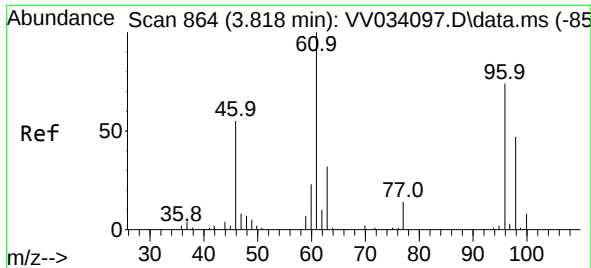
Tgt Ion:	63	Resp:	49991
Ion	Ratio	Lower	Upper
63	100		
65	30.8	20.8	38.6
83	14.8	9.4	17.4



#21
2-Butanone
Concen: 46.635 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.032 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

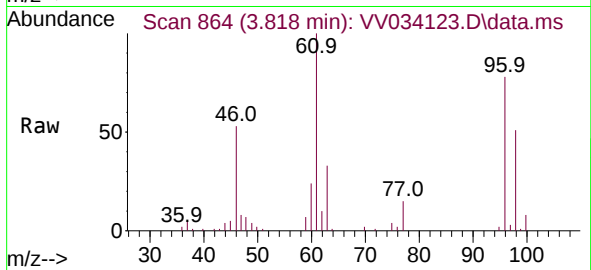
Tgt Ion:	43	Resp:	47081
Ion	Ratio	Lower	Upper
43	100		
72	24.1	4.0	11.9





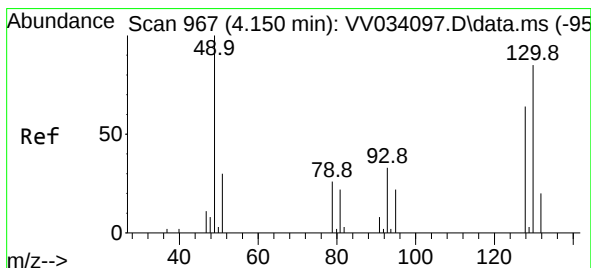
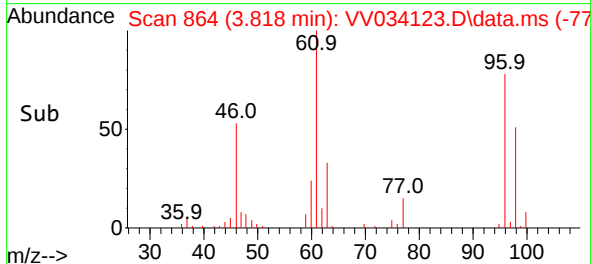
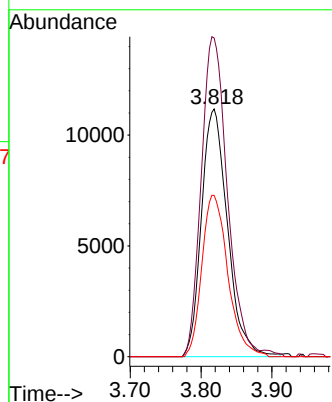
#22
 cis-1,2-Dichloroethene
 Concen: 4.570 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV034123.D
 Acq: 09 Feb 2024 19:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 28560

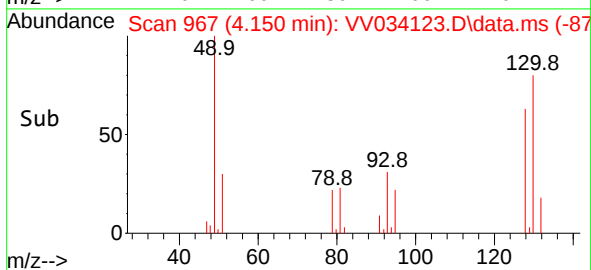
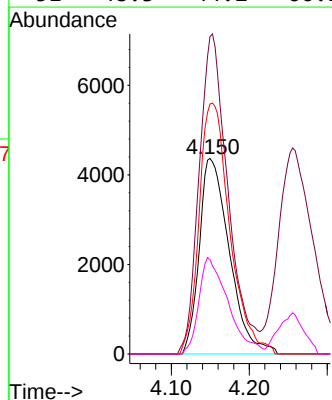
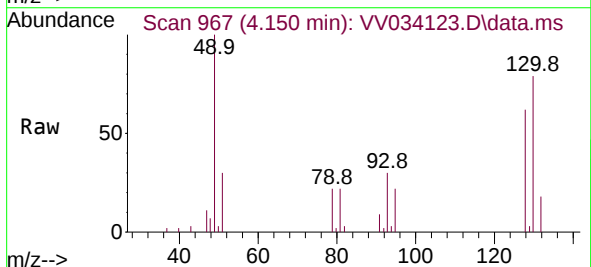
Ion	Ratio	Lower	Upper
96	100		
61	128.6	90.3	167.7
98	65.1	43.2	80.2

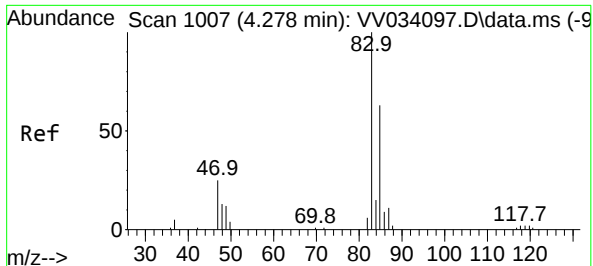


#23
 Bromochloromethane
 Concen: 5.381 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VV034123.D
 Acq: 09 Feb 2024 19:40

Tgt Ion: 128 Resp: 11691

Ion	Ratio	Lower	Upper
128	100		
49	162.3	120.5	223.7
130	127.9	93.4	173.4
51	48.3	44.2	66.2





#25

Chloroform

Concen: 5.069 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

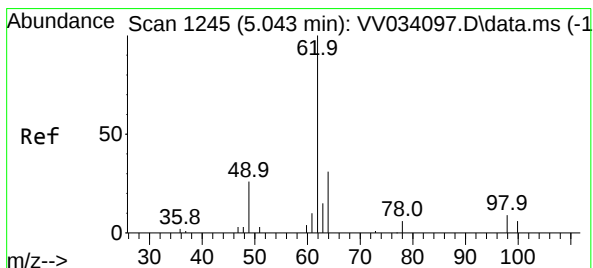
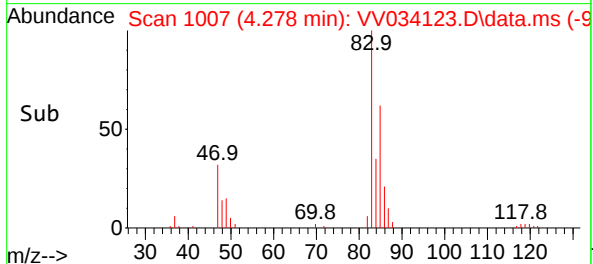
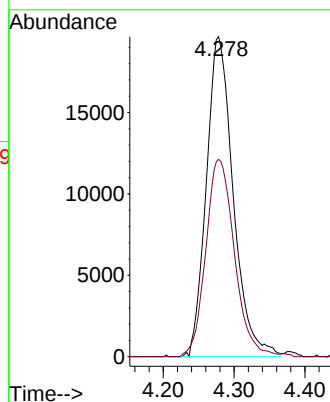
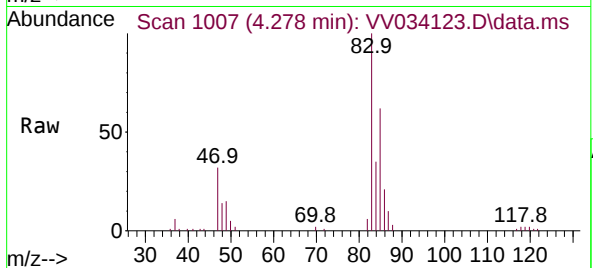
ClientSampleId :

Tgt Ion: 83 Resp: 51866

Ion Ratio Lower Upper

83 100

85 61.7 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.481 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV034123.D

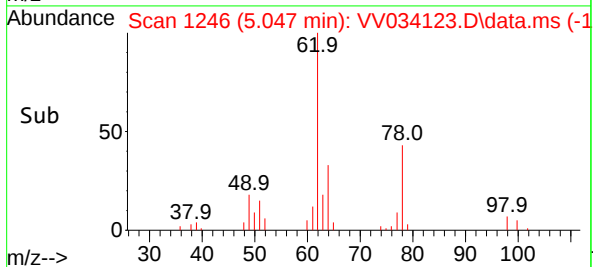
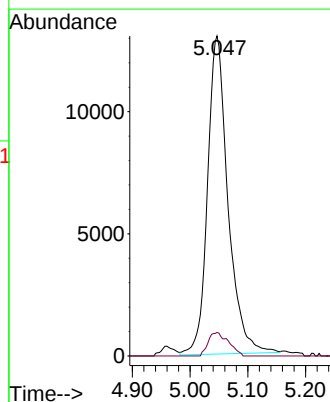
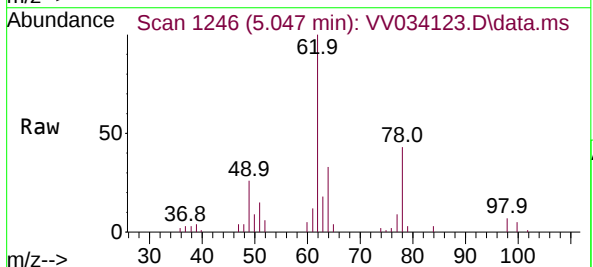
Acq: 09 Feb 2024 19:40

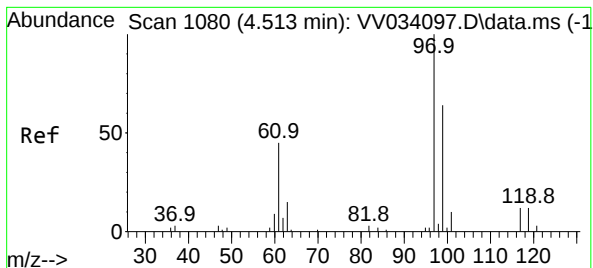
Tgt Ion: 62 Resp: 32112

Ion Ratio Lower Upper

62 100

98 7.4 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.138 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

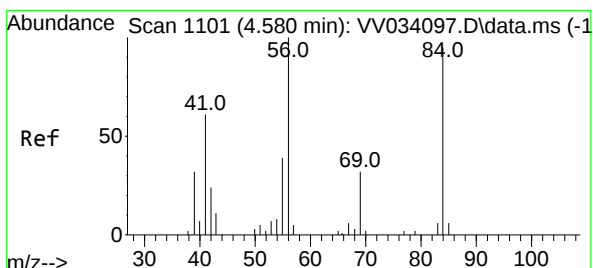
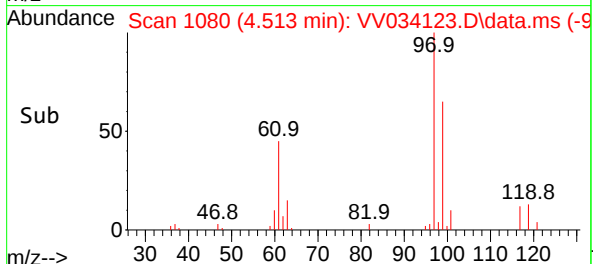
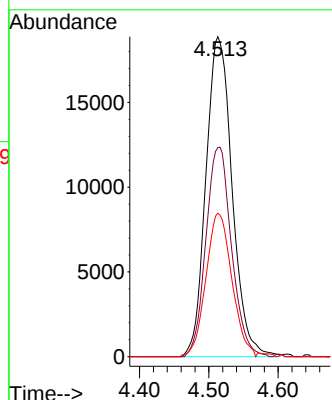
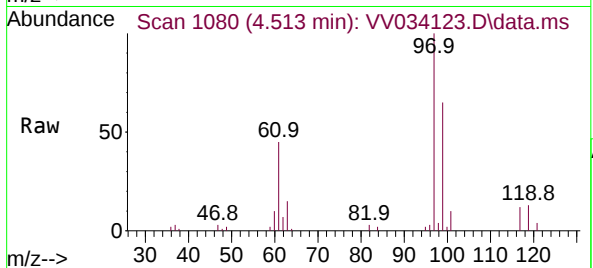
Tgt Ion: 97 Resp: 49751

Ion Ratio Lower Upper

97 100

99 63.8 50.6 75.8

61 44.2 36.8 55.2



#30

Cyclohexane

Concen: 4.347 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

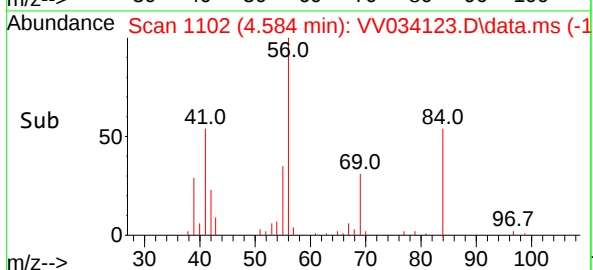
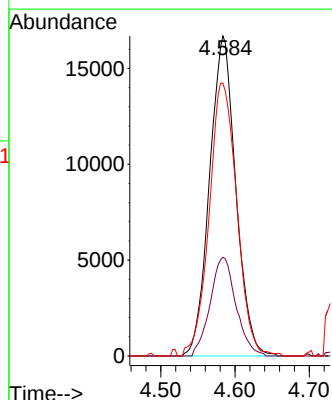
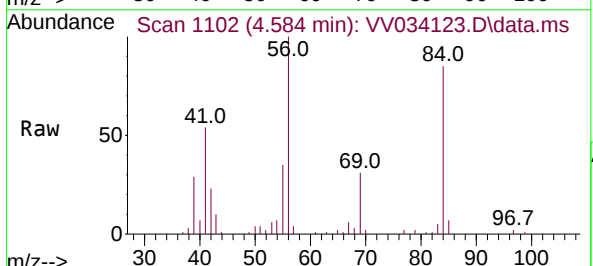
Tgt Ion: 56 Resp: 40932

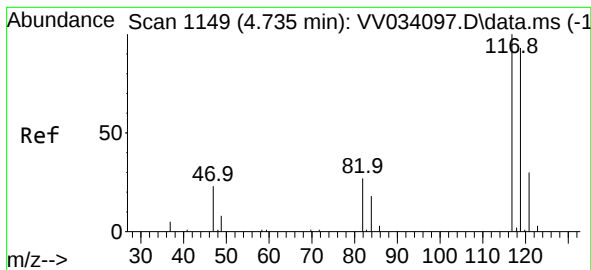
Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.2

84 90.1 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.144 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

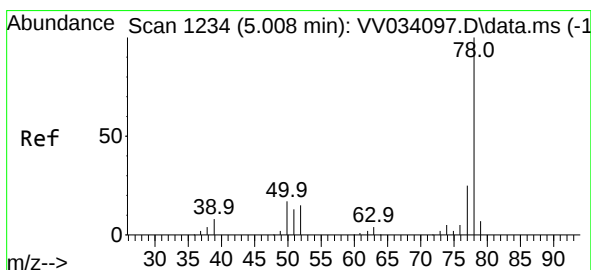
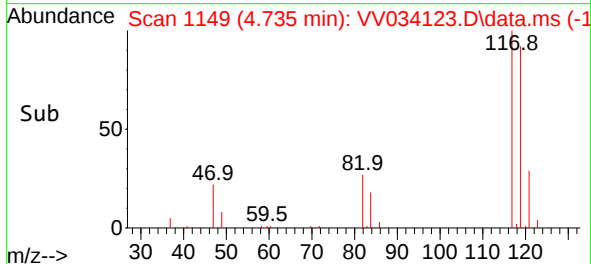
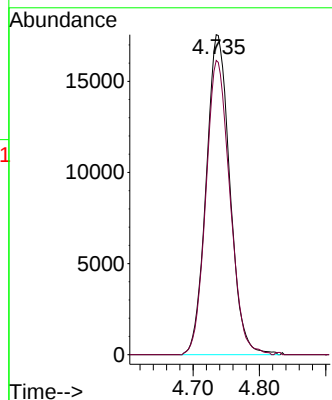
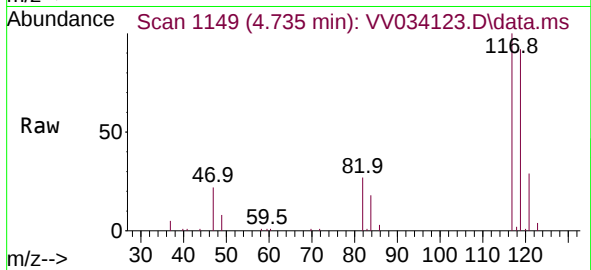
ClientSampleId :

Tgt Ion:117 Resp: 43579

Ion Ratio Lower Upper

117 100

119 93.3 76.1 114.1



#33

Benzene

Concen: 4.787 ug/L

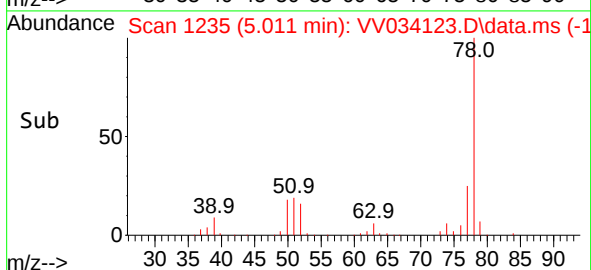
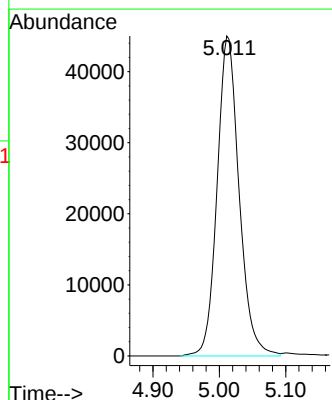
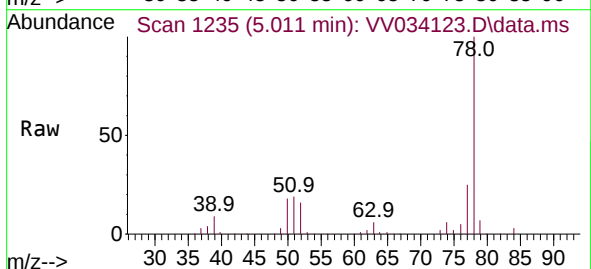
RT: 5.011 min Scan# 1235

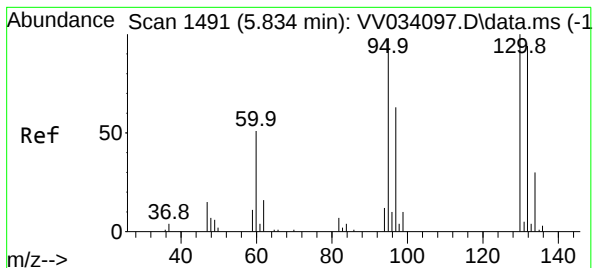
Delta R.T. 0.003 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Tgt Ion: 78 Resp: 103548





#34

Trichloroethene

Concen: 4.481 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 28054

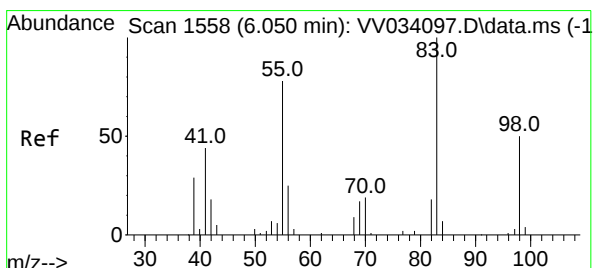
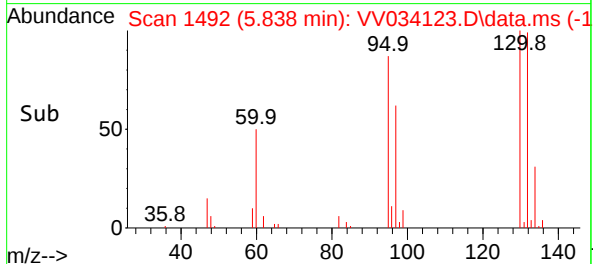
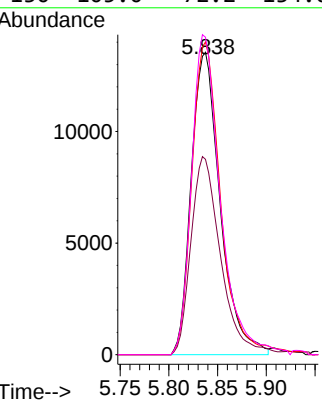
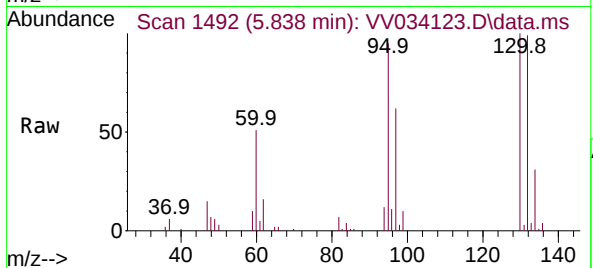
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.7

132 103.4 66.0 122.6

130 105.0 72.2 134.0



#35

Methylcyclohexane

Concen: 4.400 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

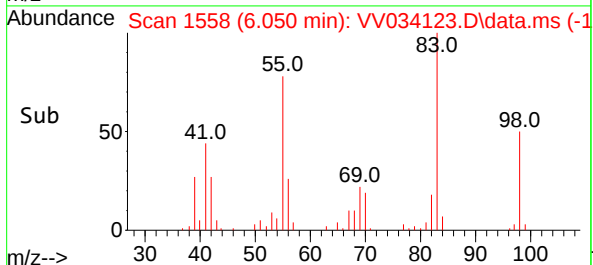
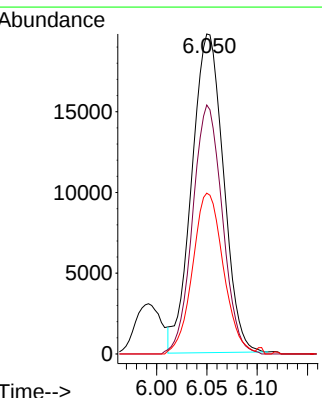
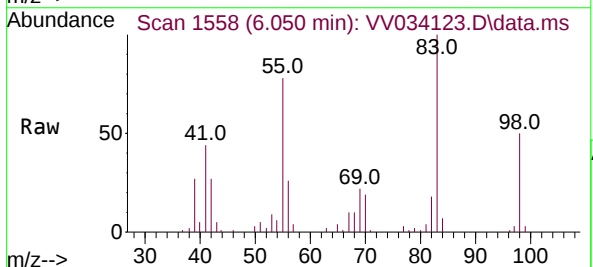
Tgt Ion: 83 Resp: 43234

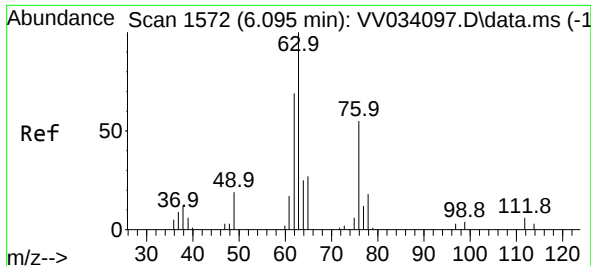
Ion Ratio Lower Upper

83 100

55 73.4 63.5 95.3

98 49.0 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.680 ug/L

RT: 6.095 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

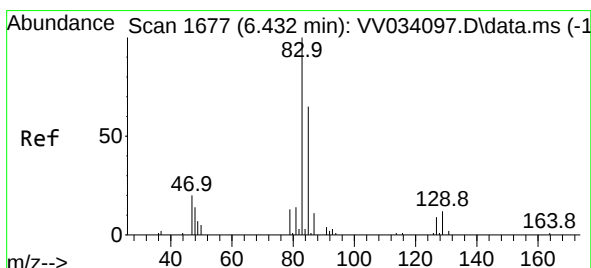
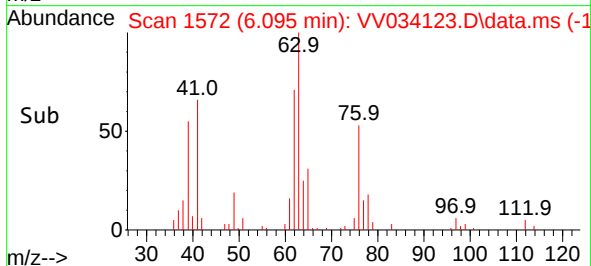
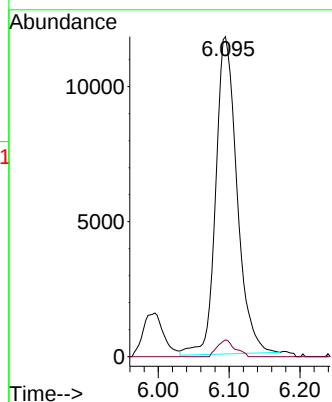
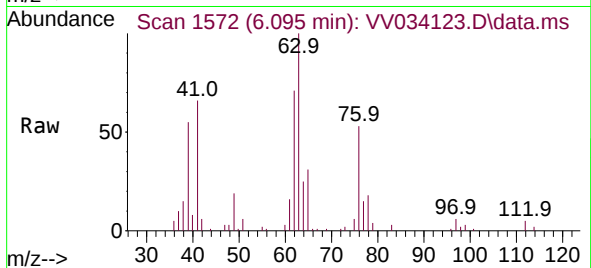
ClientSampleId :

Tgt Ion: 63 Resp: 24525

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.0



#38

Bromodichloromethane

Concen: 5.104 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

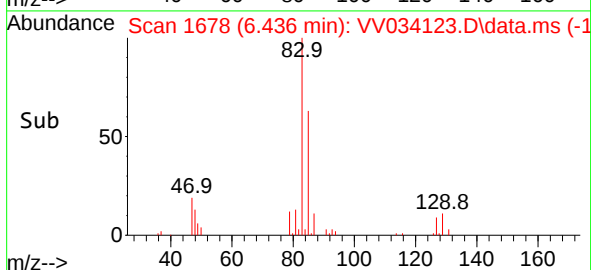
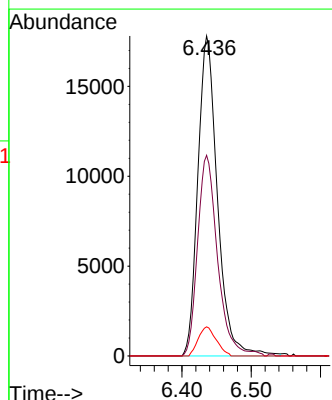
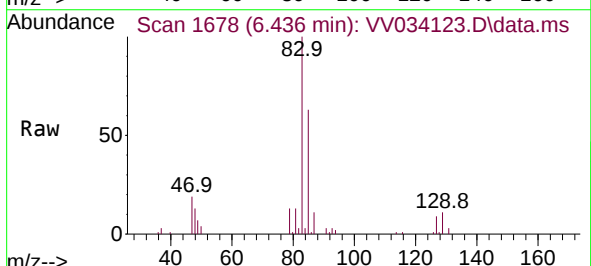
Tgt Ion: 83 Resp: 35108

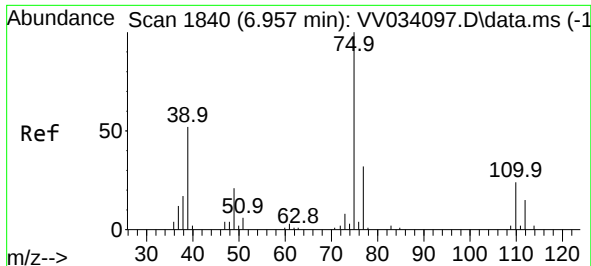
Ion Ratio Lower Upper

83 100

85 62.7 45.4 84.2

127 9.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.833 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

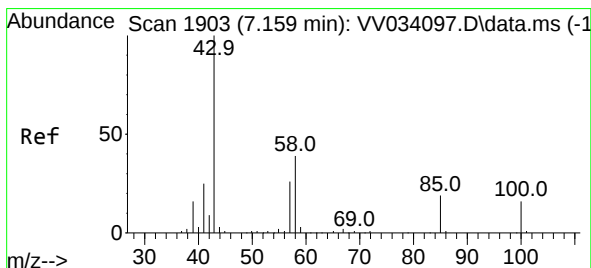
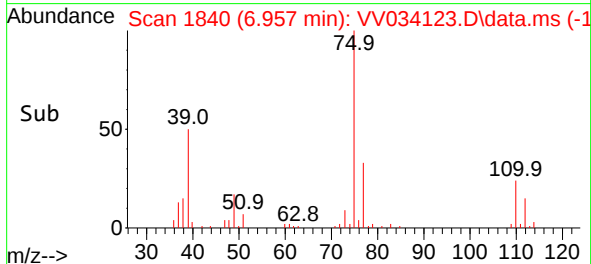
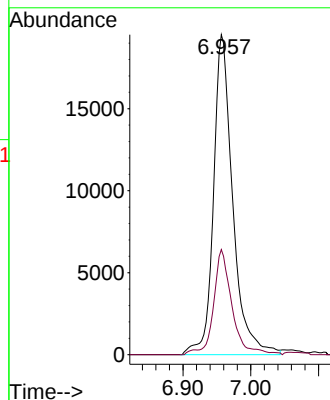
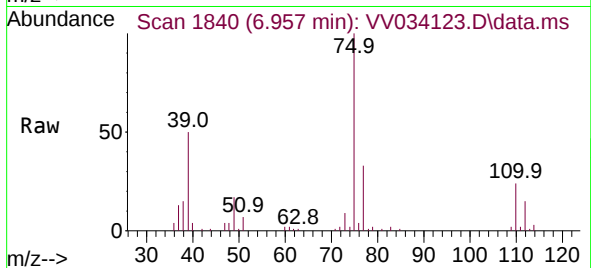
ClientSampleId :

Tgt Ion: 75 Resp: 38528

Ion Ratio Lower Upper

75 100

77 32.8 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 51.335 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

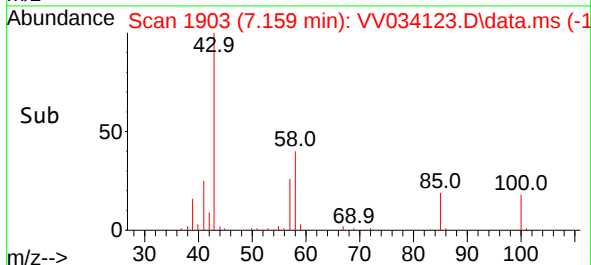
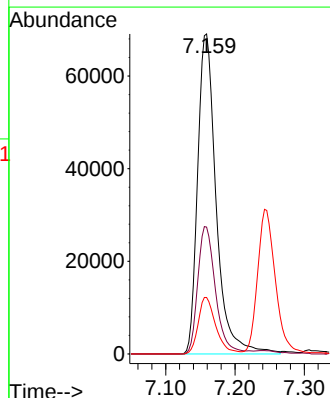
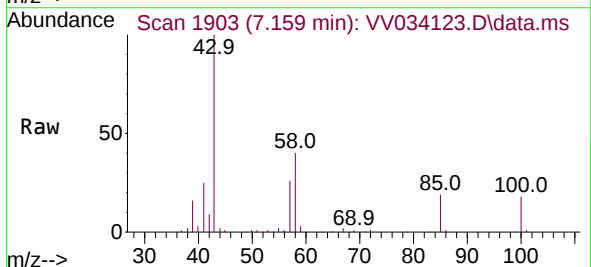
Tgt Ion: 43 Resp: 128806

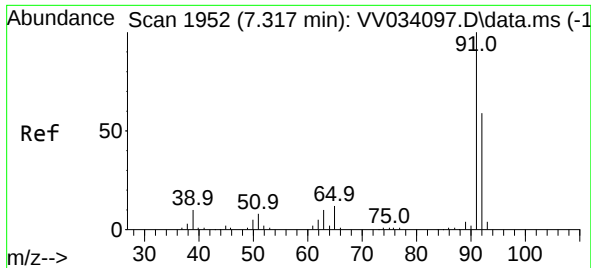
Ion Ratio Lower Upper

43 100

58 38.4 30.2 45.2

100 16.8 12.1 18.1





#42

Toluene

Concen: 4.892 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

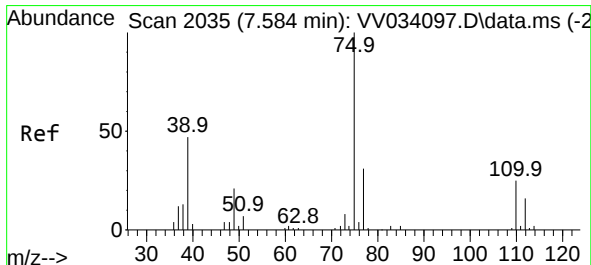
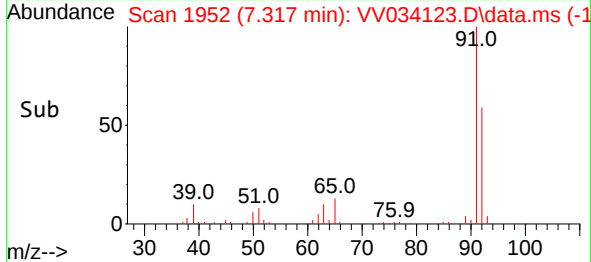
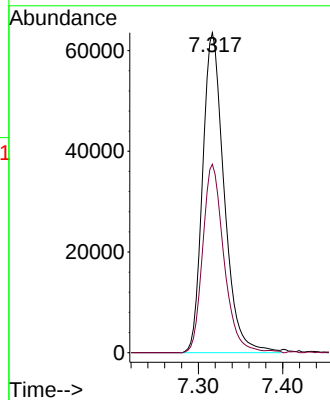
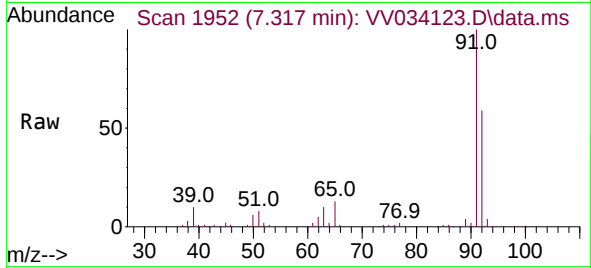
ClientSampleId :

Tgt Ion: 91 Resp: 113090

Ion Ratio Lower Upper

91 100

92 58.9 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.908 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV034123.D

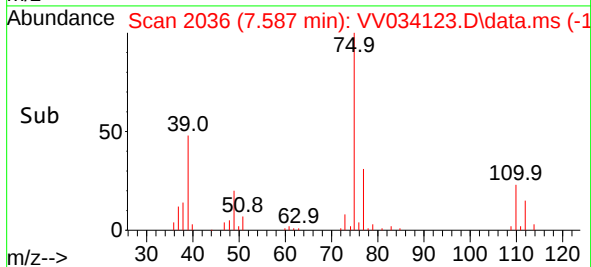
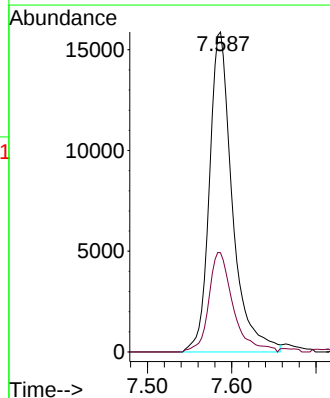
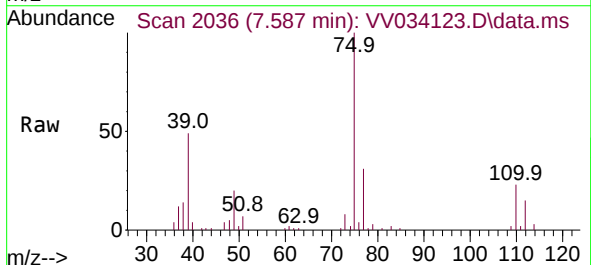
Acq: 09 Feb 2024 19:40

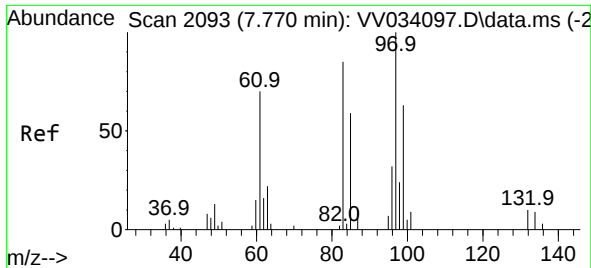
Tgt Ion: 75 Resp: 30045

Ion Ratio Lower Upper

75 100

77 31.0 22.2 41.2



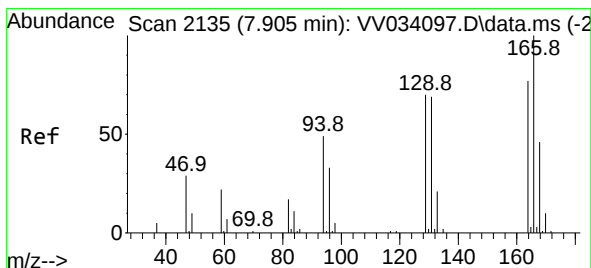
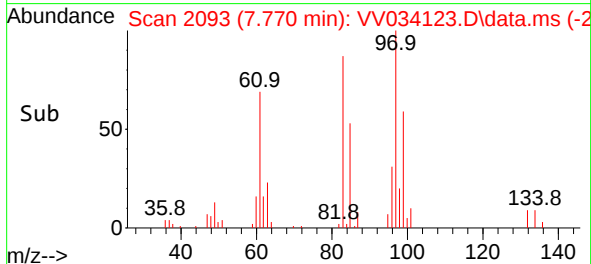
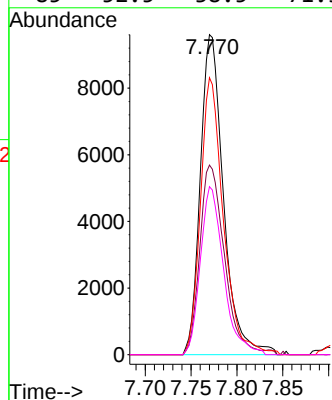
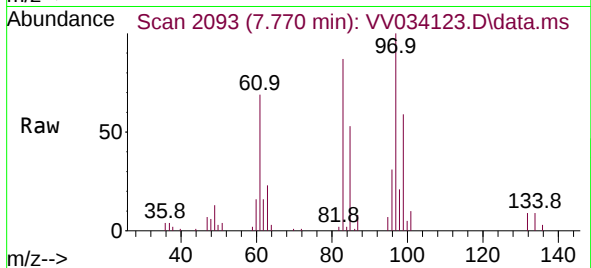


#45
1,1,2-Trichloroethane
Concen: 5.218 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 16883

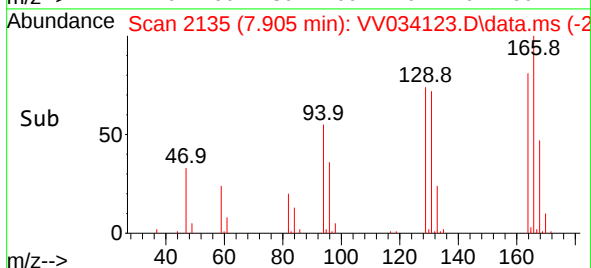
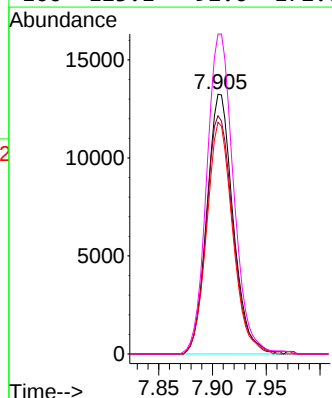
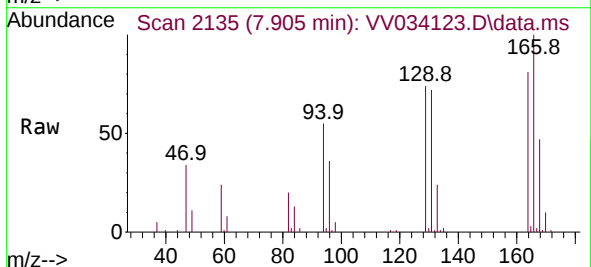
Ion	Ratio	Lower	Upper
97	100		
99	59.3	45.6	84.6
83	86.5	62.3	115.7
85	52.5	38.5	71.5

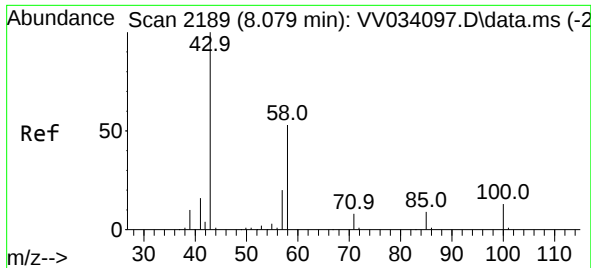


#47
Tetrachloroethene
Concen: 4.412 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Tgt Ion: 164 Resp: 22442

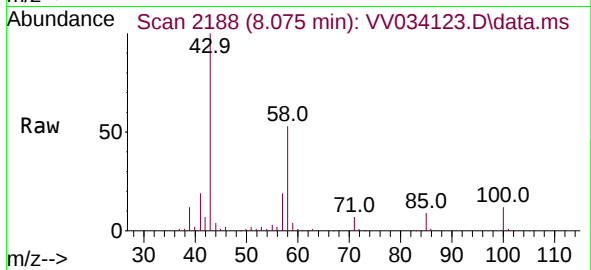
Ion	Ratio	Lower	Upper
164	100		
129	91.7	67.8	125.8
131	89.2	63.0	117.0
166	123.1	92.6	172.0



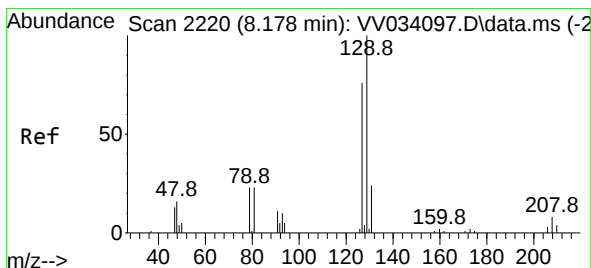
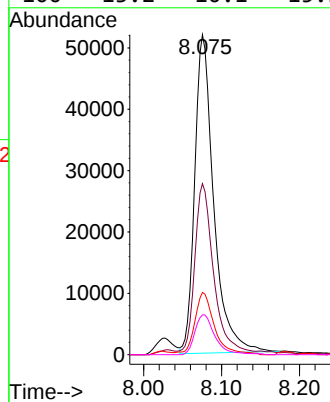
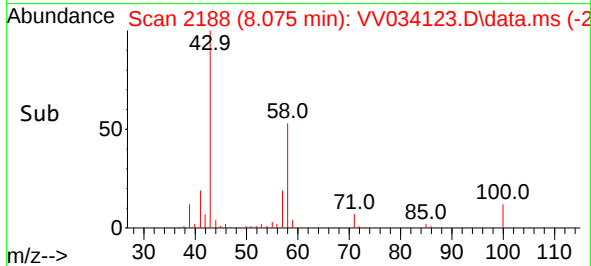


#48
2-Hexanone
Concen: 49.855 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Instrument :
MSVOA_V
ClientSampleId :

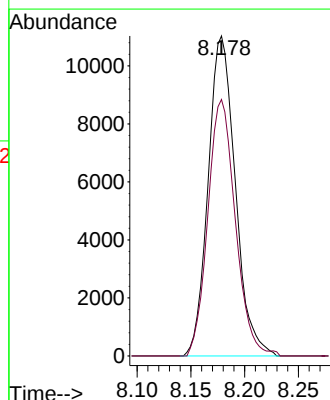
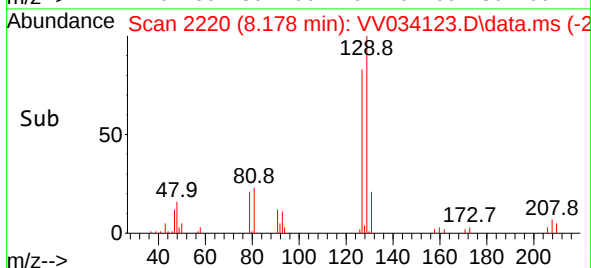
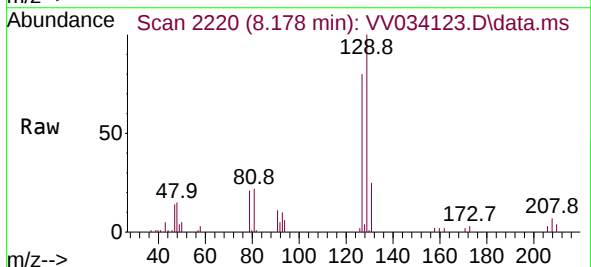


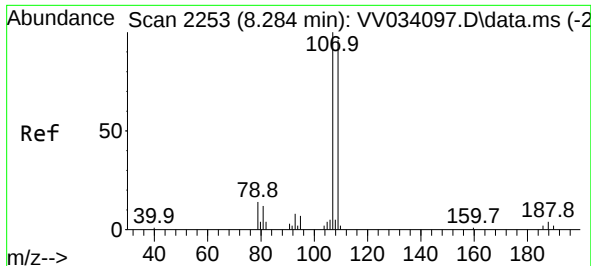
Tgt Ion: 43 Resp: 88176
Ion Ratio Lower Upper
43 100
58 51.5 42.6 64.0
57 20.3 15.5 23.3
100 13.2 10.1 15.1



#49
Dibromochloromethane
Concen: 5.038 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Tgt Ion: 129 Resp: 19369
Ion Ratio Lower Upper
129 100
127 80.1 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.329 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034123.D

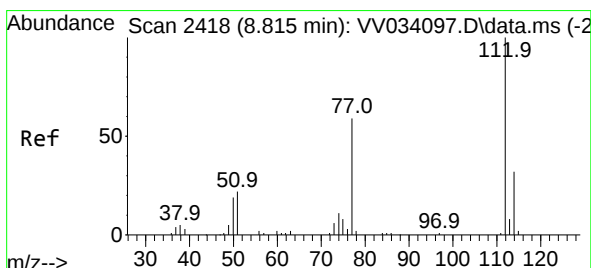
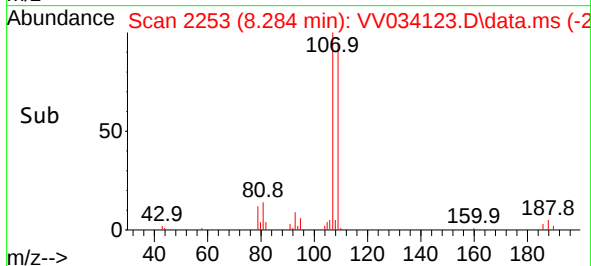
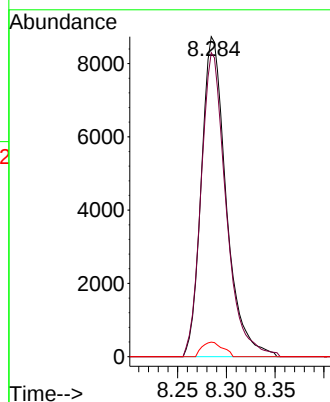
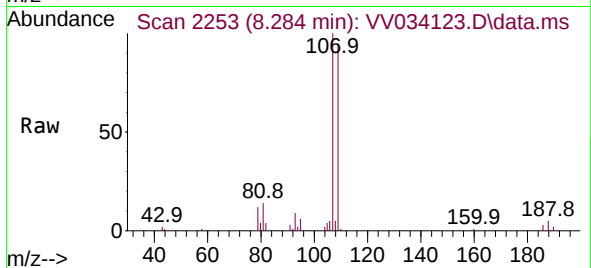
Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	15476
Ion	Ratio	Lower	Upper
107	100		
109	95.0	64.5	119.9
188	4.6	2.6	4.0#



#51

Chlorobenzene

Concen: 4.898 ug/L

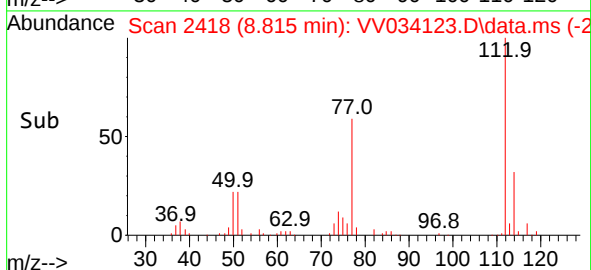
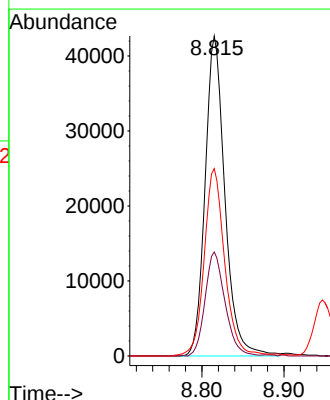
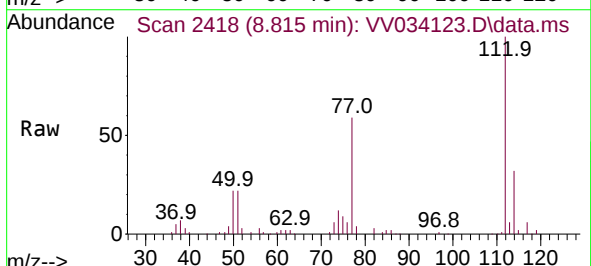
RT: 8.815 min Scan# 2418

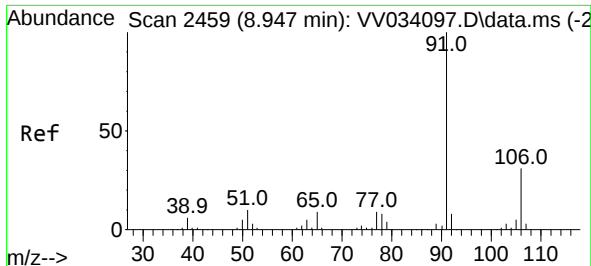
Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Tgt Ion:	112	Resp:	71590
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.5	41.7
77	58.5	48.1	72.1





#52

Ethylbenzene

Concen: 4.875 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

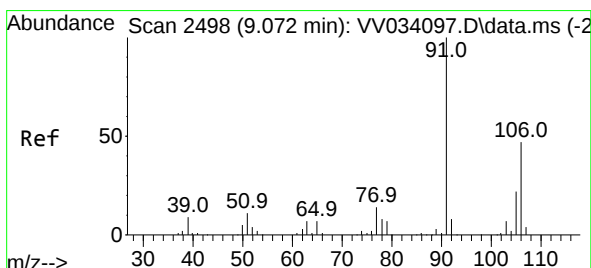
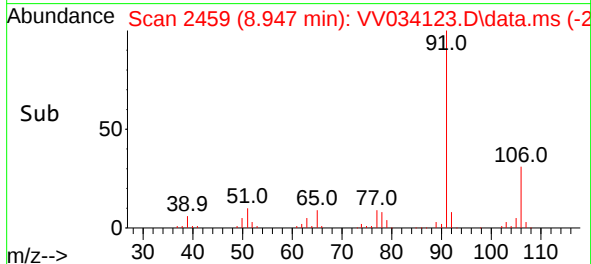
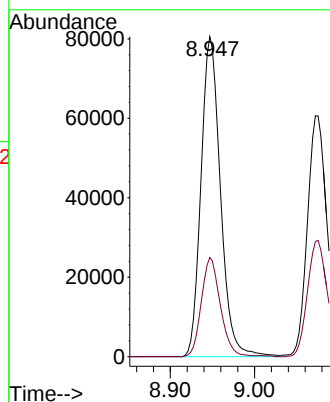
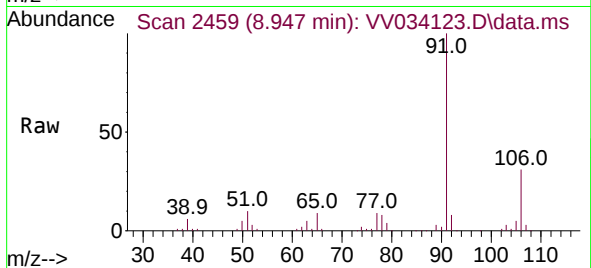
ClientSampleId :

Tgt Ion: 91 Resp: 129721

Ion Ratio Lower Upper

91 100

106 31.0 21.4 39.8



#53

m,p-Xylene

Concen: 4.879 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.003 min

Lab File: VV034123.D

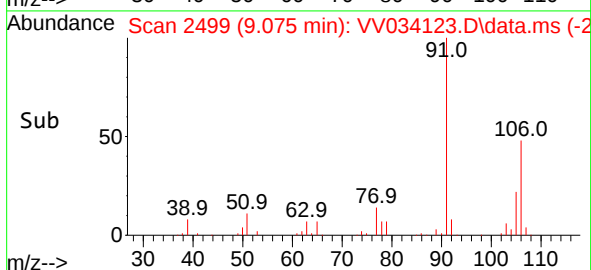
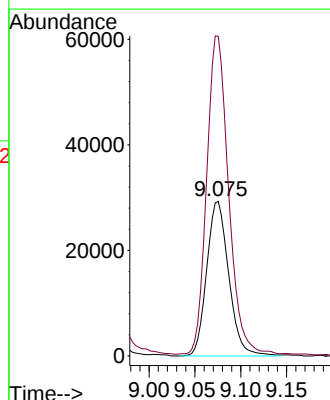
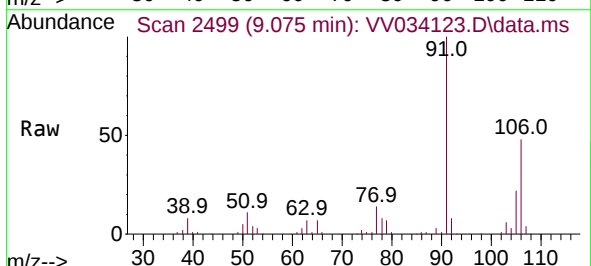
Acq: 09 Feb 2024 19:40

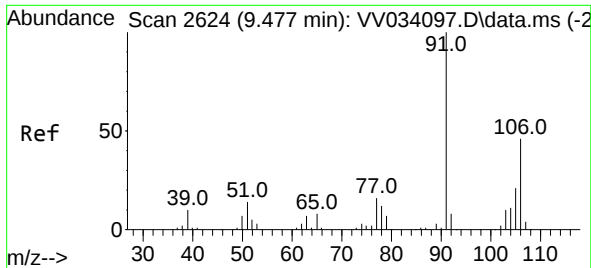
Tgt Ion:106 Resp: 49065

Ion Ratio Lower Upper

106 100

91 206.8 147.5 273.9

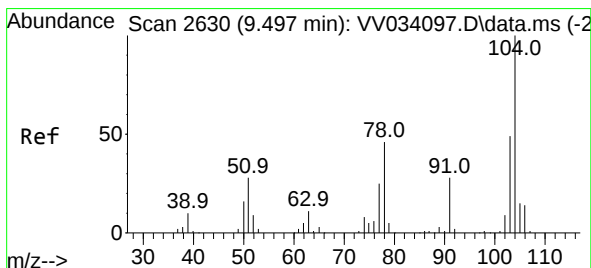
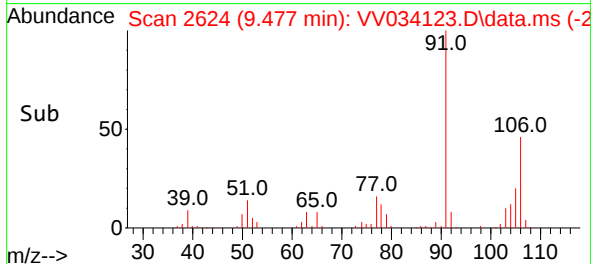
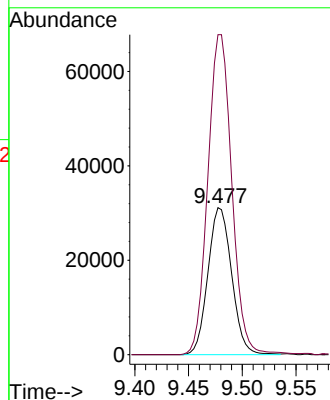
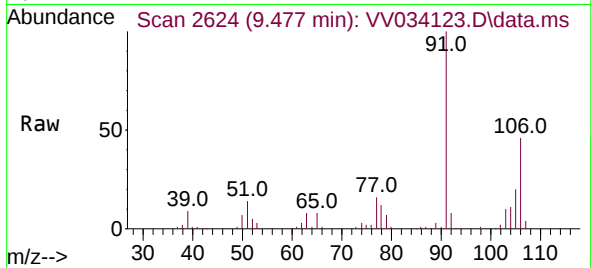




#54
o-Xylene
Concen: 4.935 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

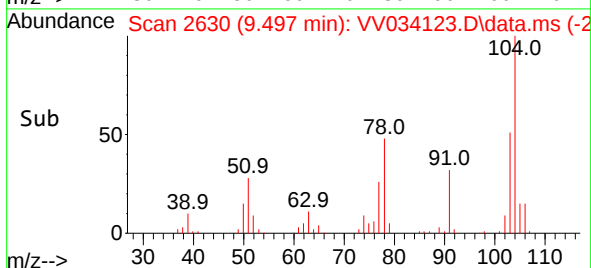
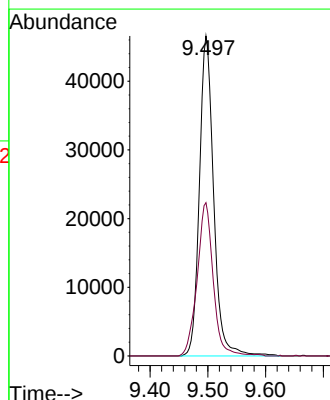
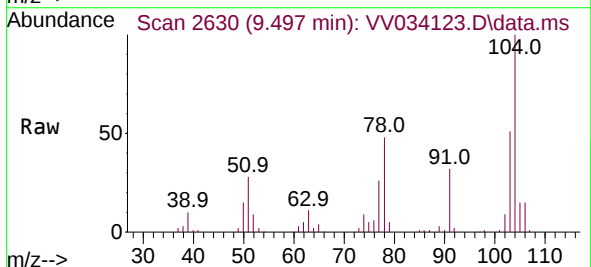
Instrument :
MSVOA_V
ClientSampleId :

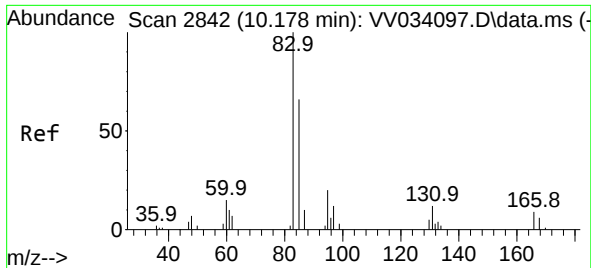
Tgt Ion:106 Resp: 47850
Ion Ratio Lower Upper
106 100
91 217.6 156.2 290.0



#55
Styrene
Concen: 5.147 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Tgt Ion:104 Resp: 79920
Ion Ratio Lower Upper
104 100
78 47.9 32.9 61.1

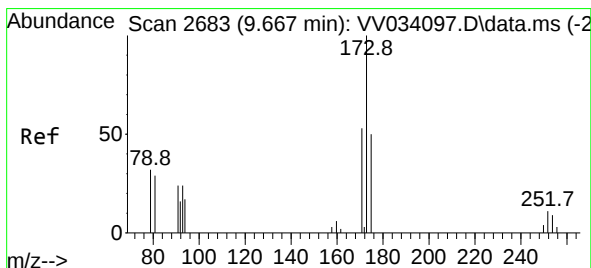
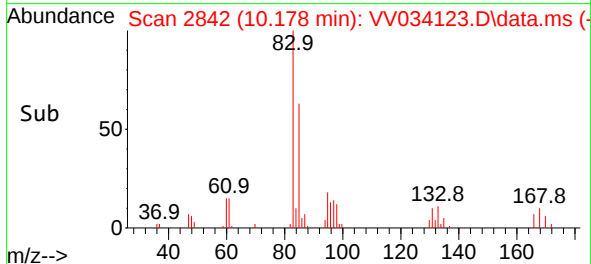
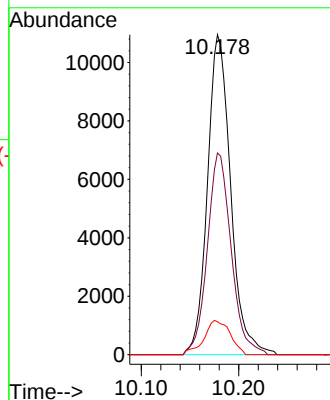
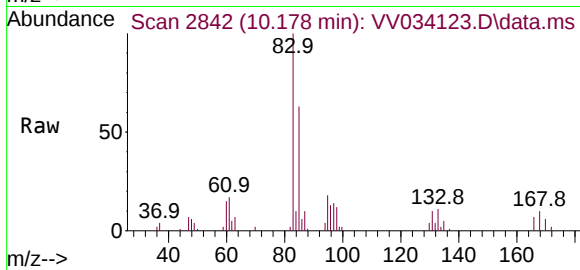




#57
1,1,2,2-Tetrachloroethane
Concen: 5.300 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

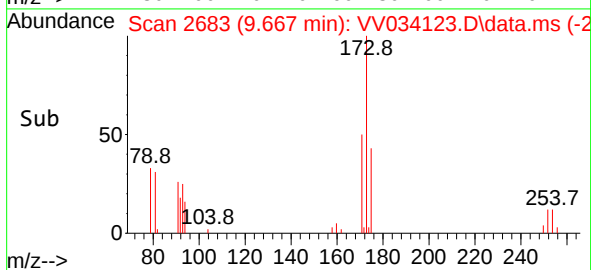
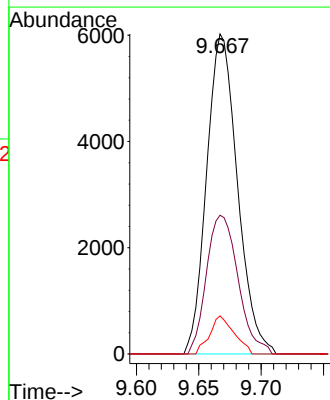
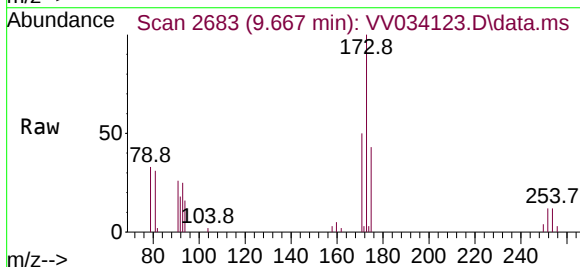
Instrument :
MSVOA_V
ClientSampleId :

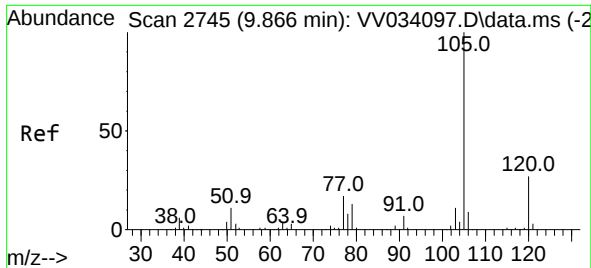
Tgt Ion:	83	Resp:	18098
Ion	Ratio	Lower	Upper
83	100		
85	63.1	46.5	86.3
131	10.3	8.4	12.6



#59
Bromoform
Concen: 4.976 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Tgt Ion:	173	Resp:	10346
Ion	Ratio	Lower	Upper
173	100		
175	44.5	38.6	57.8
254	9.4	7.2	10.8

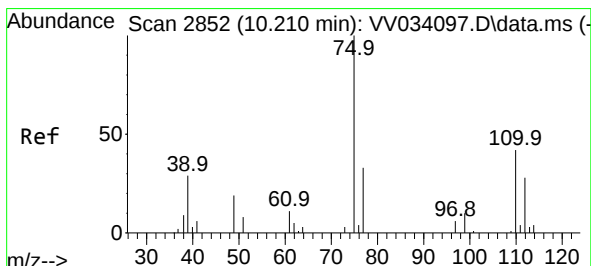
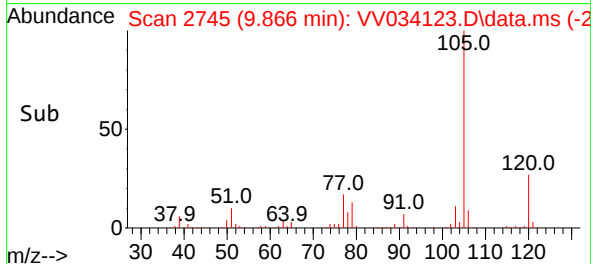
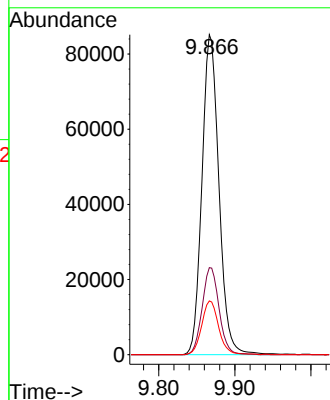
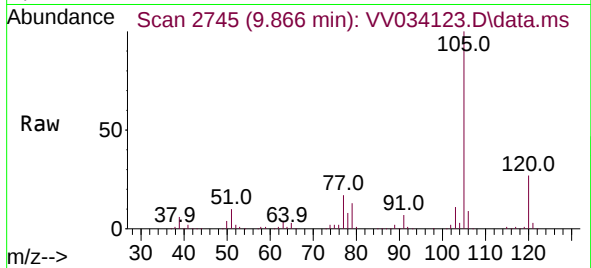




#60
Isopropylbenzene
Concen: 4.724 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

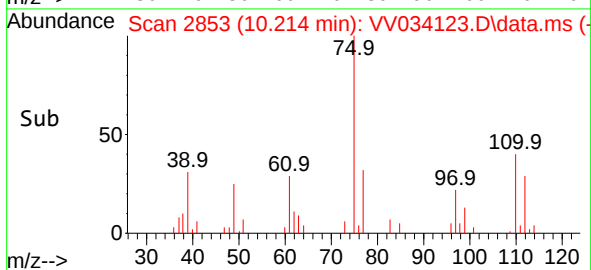
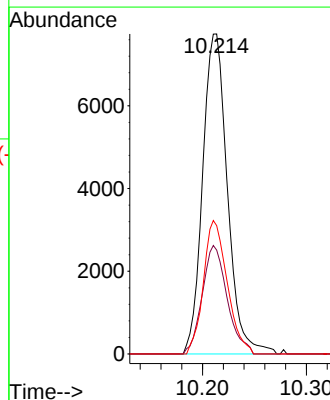
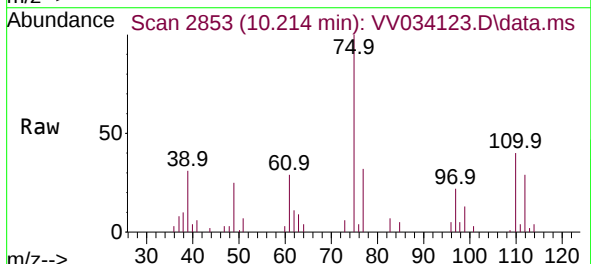
Instrument :
MSVOA_V
ClientSampleId :

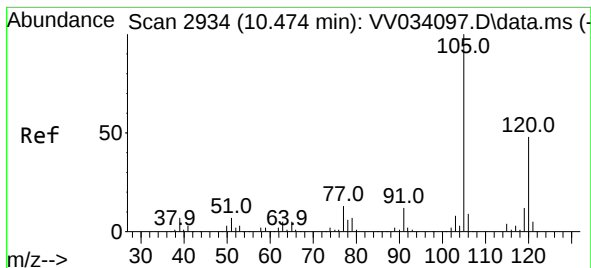
Tgt Ion:105 Resp: 131910
Ion Ratio Lower Upper
105 100
120 27.1 20.7 31.1
77 16.8 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.938 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Tgt Ion: 75 Resp: 12812
Ion Ratio Lower Upper
75 100
77 34.0 26.9 40.3
110 40.0 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 4.690 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

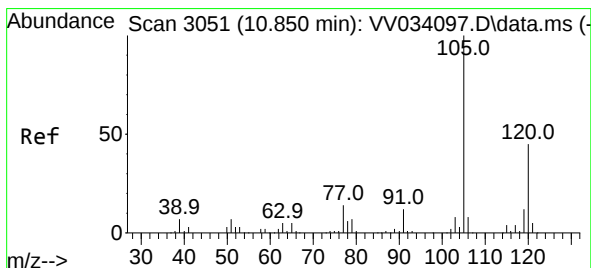
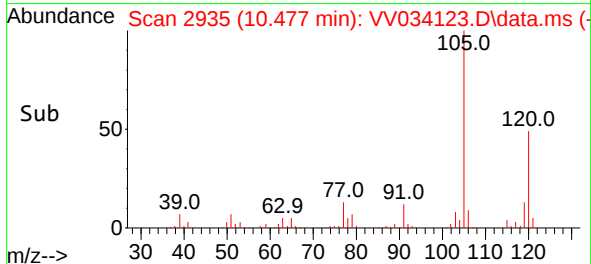
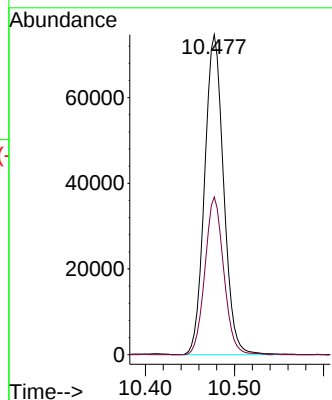
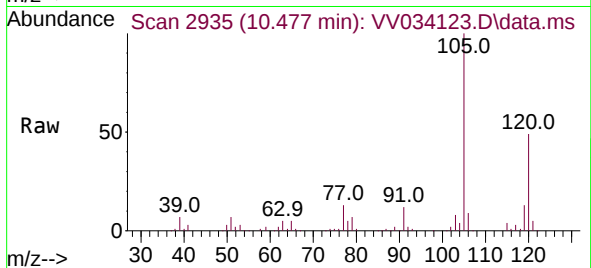
ClientSampleId :

Tgt Ion:105 Resp: 110708

Ion Ratio Lower Upper

105 100

120 48.7 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.793 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034123.D

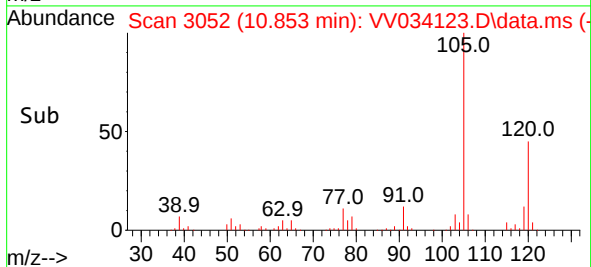
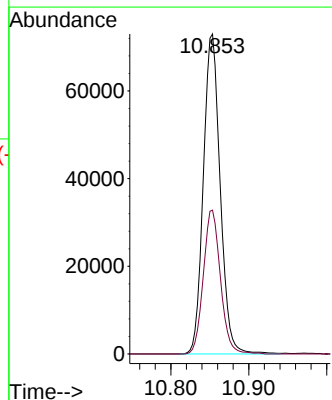
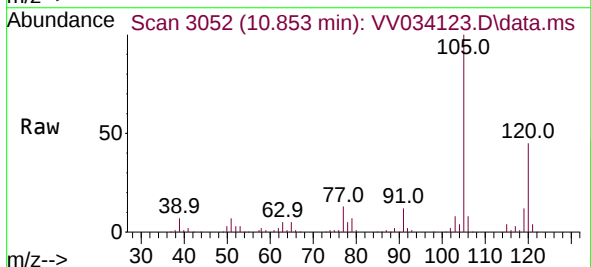
Acq: 09 Feb 2024 19:40

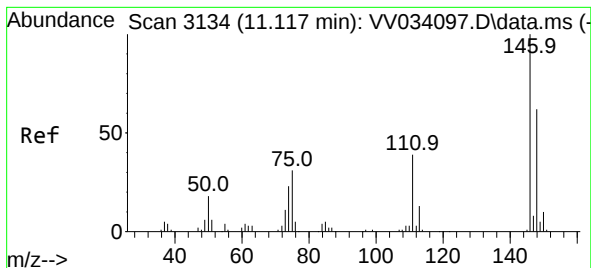
Tgt Ion:105 Resp: 109936

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 4.934 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

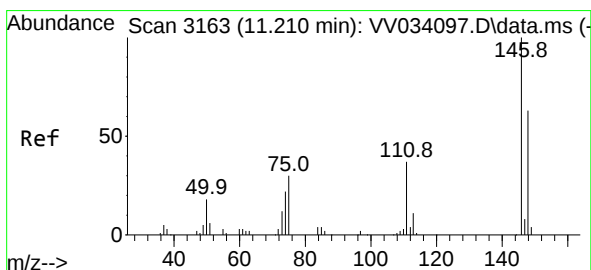
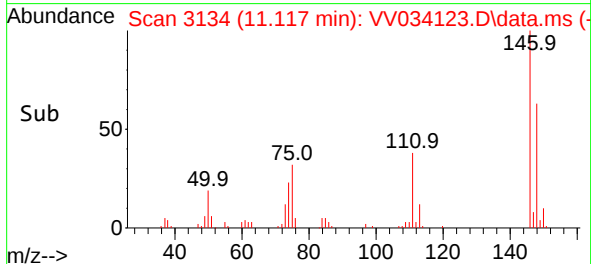
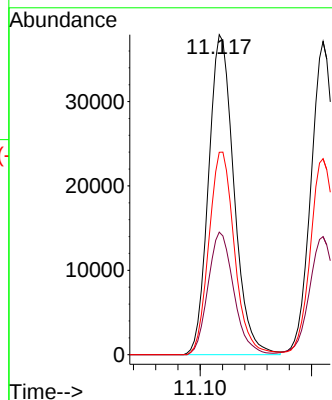
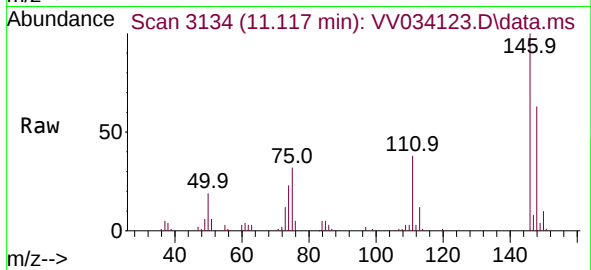
Tgt Ion:146 Resp: 60071

Ion Ratio Lower Upper

146 100

111 38.3 28.5 52.9

148 63.2 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 4.896 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

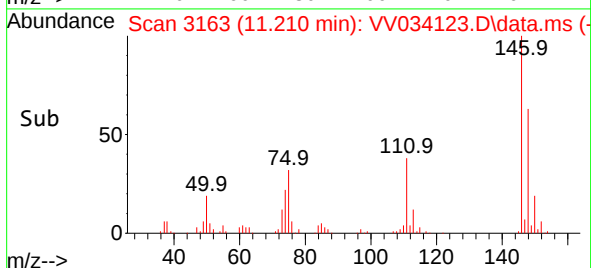
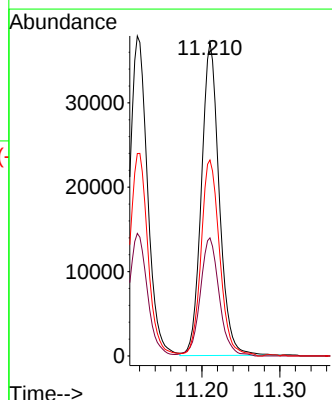
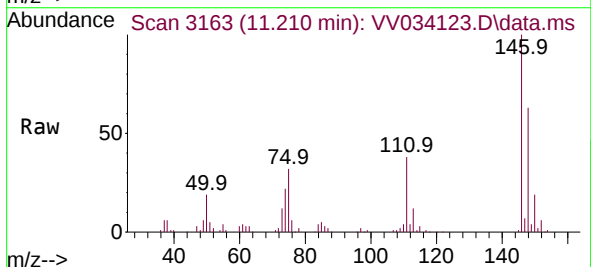
Tgt Ion:146 Resp: 59030

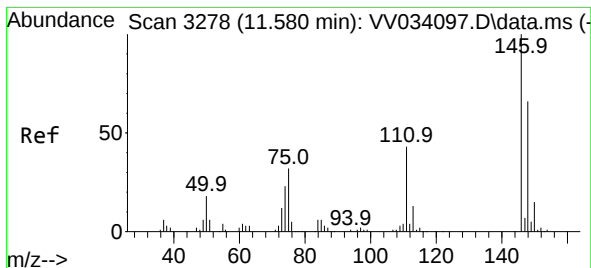
Ion Ratio Lower Upper

146 100

111 37.7 27.6 51.4

148 62.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.168 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

Instrument :

MSVOA_V

ClientSampleId :

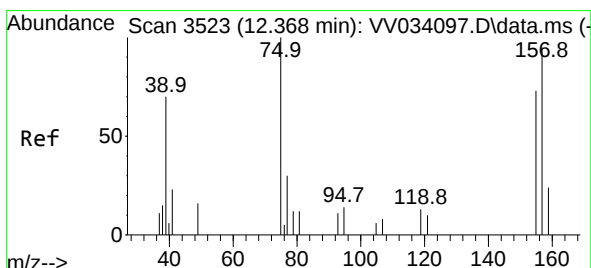
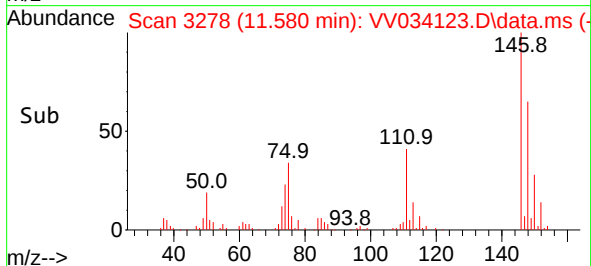
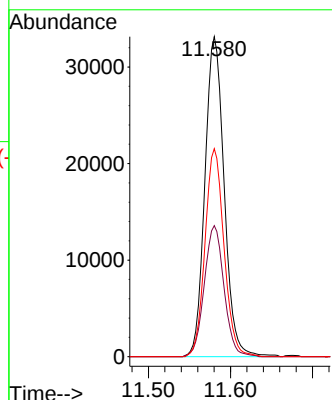
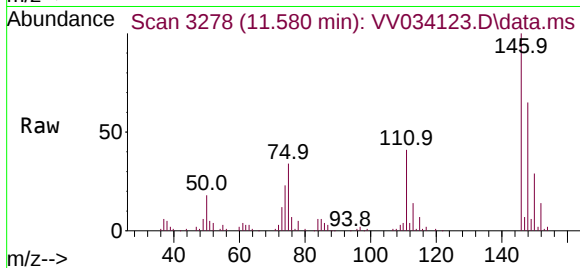
Tgt Ion:146 Resp: 54045

Ion Ratio Lower Upper

146 100

111 41.0 31.2 46.8

148 65.0 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.762 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV034123.D

Acq: 09 Feb 2024 19:40

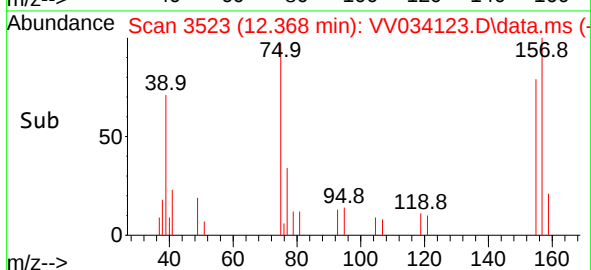
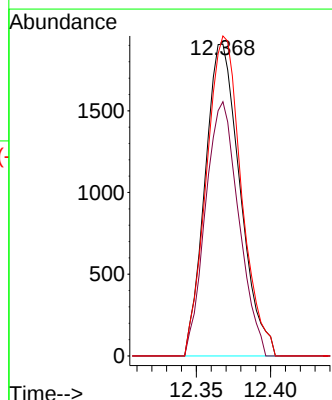
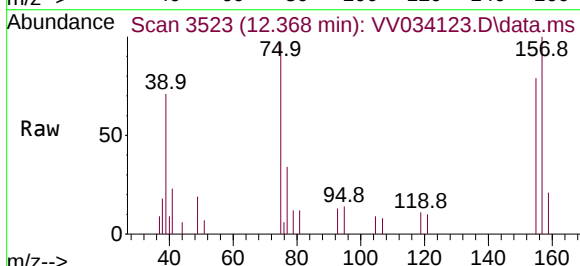
Tgt Ion: 75 Resp: 3133

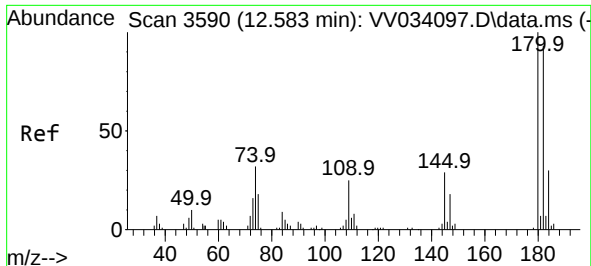
Ion Ratio Lower Upper

75 100

155 81.6 68.9 103.3

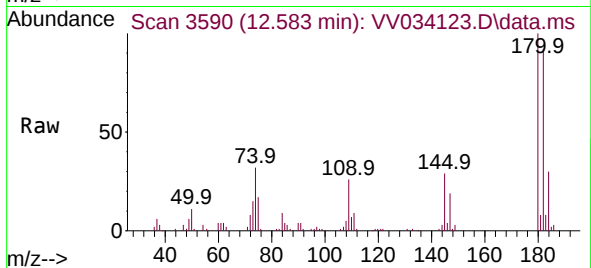
157 102.6 84.6 127.0



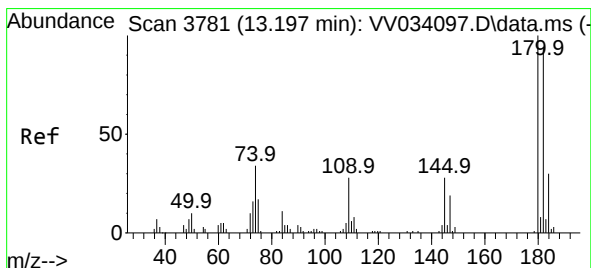
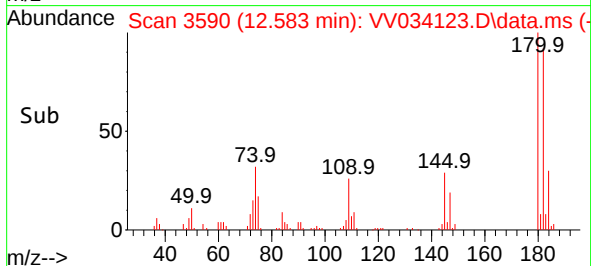
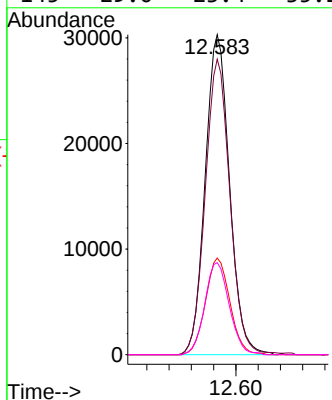


#69
1,3,5-Trichlorobenzene
Concen: 4.871 ug/L
RT: 12.583 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Instrument :
MSVOA_V
ClientSampleId :

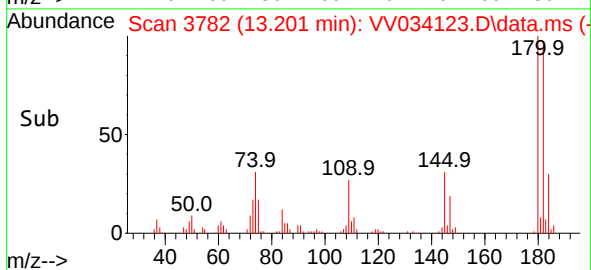
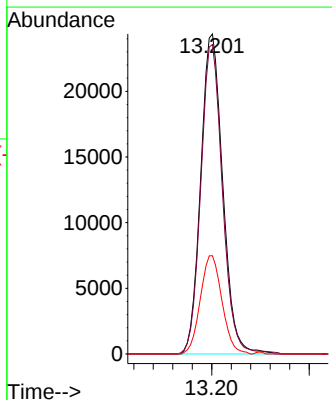
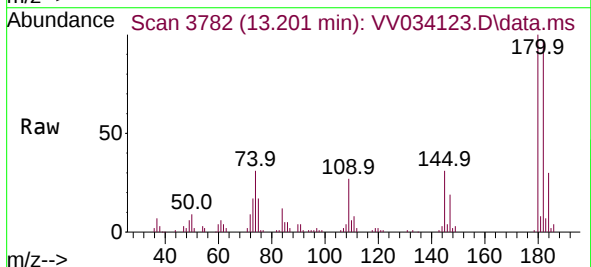


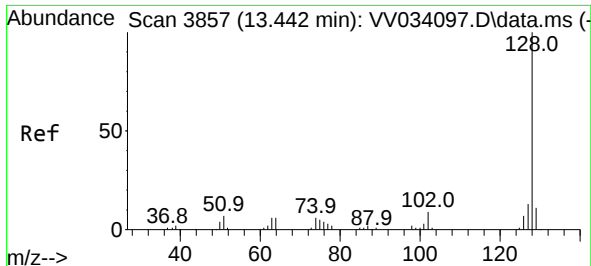
Tgt Ion:180 Resp: 45900
Ion Ratio Lower Upper
180 100
182 93.6 77.0 115.4
184 30.4 23.8 35.6
145 29.0 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 5.193 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Tgt Ion:180 Resp: 38195
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
145 30.2 24.8 37.2



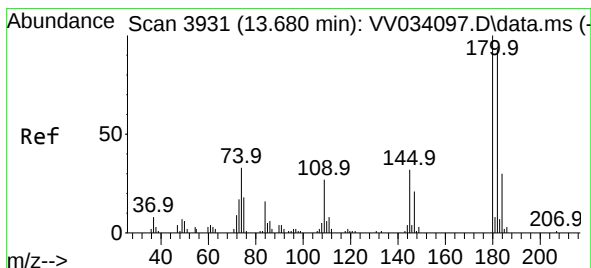
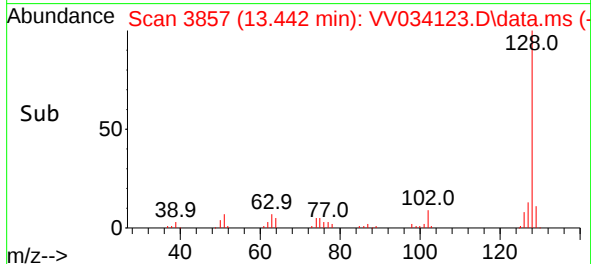
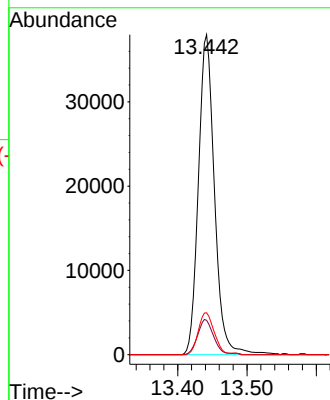
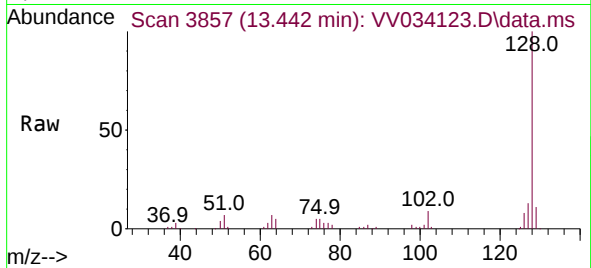


#71
Naphthalene

Concen: 6.356 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 61257
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.633 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV034123.D
Acq: 09 Feb 2024 19:40

Tgt Ion:180 Resp: 33201
Ion Ratio Lower Upper
180 100
182 94.8 75.0 112.6
145 33.8 25.2 37.8

