

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034125.D
 Acq On : 12 Feb 2024 08:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 13 00:41:00 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	83893	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	78607	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	40269	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30609	4.711	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.535	69	26413	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.060	65	14449	4.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.799	46	46947	43.023	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.040%
24) Chloroform-d	4.249	84	57719	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.944	65	26465	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	4.960	84	104544	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	5.989	67	28556	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.243	98	100088	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.555	79	11976	4.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.024	63	36772	41.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.760%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	16799	4.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	33419	4.563	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	37838	4.922	ug/L	100
3) Chloromethane	1.217	50	39771	4.743	ug/L	98
5) Vinyl chloride	1.285	62	39322	4.907	ug/L	90
6) Bromomethane	1.490	94	22788	5.400	ug/L	100
8) Chloroethane	1.552	64	24513	4.484	ug/L	99
9) Trichlorofluoromethane	1.716	101	63800	5.525	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	32971	5.462	ug/L	98
12) 1,1-Dichloroethene	2.072	96	30528	5.209	ug/L	93
13) Acetone	2.130	43	38762	46.823	ug/L #	36
14) Carbon disulfide	2.243	76	86816	4.578	ug/L	99
15) Methyl Acetate	2.384	43	8533	4.355	ug/L	94
16) Methylene chloride	2.449	84	28227	5.020	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	61574	5.113	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	28784	4.822	ug/L	98
19) 1,1-Dichloroethane	3.111	63	55600	5.069	ug/L	97
21) 2-Butanone	3.879	43	48282	44.134	ug/L #	47
22) cis-1,2-Dichloroethene	3.815	96	31494	4.650	ug/L	95
23) Bromochloromethane	4.149	128	12307	5.227	ug/L	95
25) Chloroform	4.275	83	56779	5.121	ug/L	98

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 ClientSampleId :

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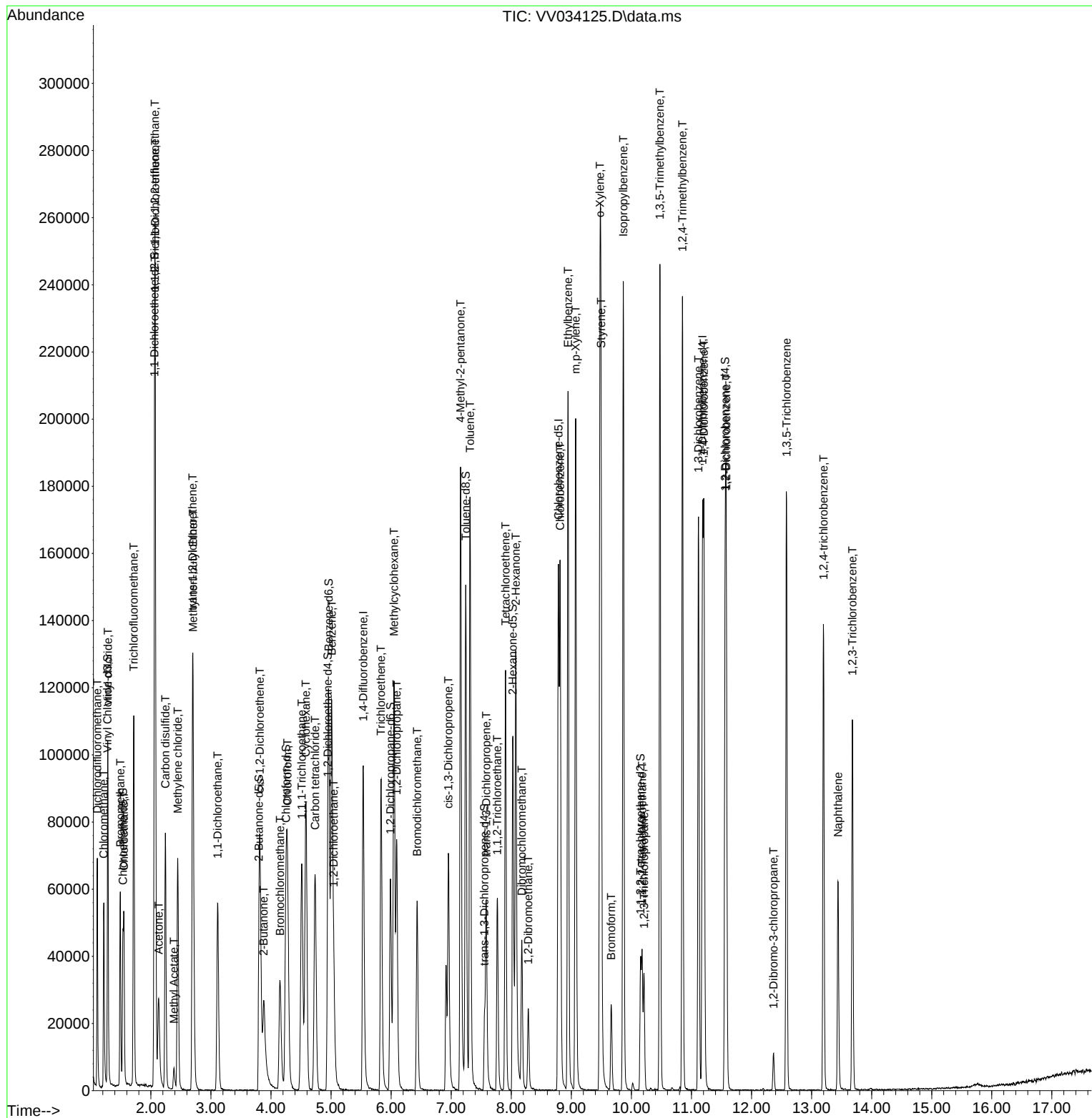
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	32750	5.158	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	56420	5.346	ug/L	99
30) Cyclohexane	4.580	56	48216	4.698	ug/L	97
31) Carbon tetrachloride	4.735	117	49377	5.347	ug/L	98
33) Benzene	5.011	78	116585	4.945	ug/L	100
34) Trichloroethene	5.831	95	32381	4.746	ug/L	97
35) Methylcyclohexane	6.050	83	52144	4.868	ug/L	97
37) 1,2-Dichloropropane	6.092	63	27641	4.840	ug/L	100
38) Bromodichloromethane	6.432	83	37597	5.015	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	42769	4.922	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	124723	45.606	ug/L	98
42) Toluene	7.313	91	126559	5.023	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	33502	5.021	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	17068	4.840	ug/L	99
47) Tetrachloroethene	7.905	164	27225	4.910	ug/L	95
48) 2-Hexanone	8.075	43	87973	45.635	ug/L	99
49) Dibromochloromethane	8.175	129	21041	5.021	ug/L	99
50) 1,2-Dibromoethane	8.284	107	16153	5.103	ug/L	97
51) Chlorobenzene	8.815	112	80423	5.048	ug/L	97
52) Ethylbenzene	8.947	91	146545	5.052	ug/L	99
53) m,p-Xylene	9.072	106	54719	4.992	ug/L	98
54) o-Xylene	9.477	106	53472	5.059	ug/L	98
55) Styrene	9.497	104	85419	5.048	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	17914	4.813	ug/L	97
59) Bromoform	9.664	173	11379	5.129	ug/L	99
60) Isopropylbenzene	9.866	105	149180	5.007	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	13171	4.758	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	127765	5.072	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	123848	5.060	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	66103	5.088	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	63754	4.956	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	56635	5.076	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2877	4.959	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	52359	5.208	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	39917	5.086	ug/L	99
71) Naphthalene	13.442	128	49741	4.836	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	31577	5.021	ug/L	97

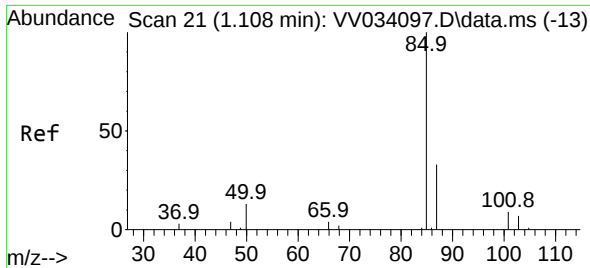
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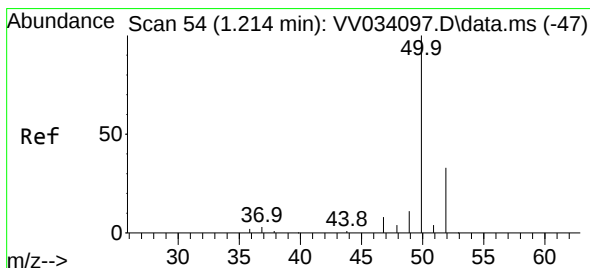
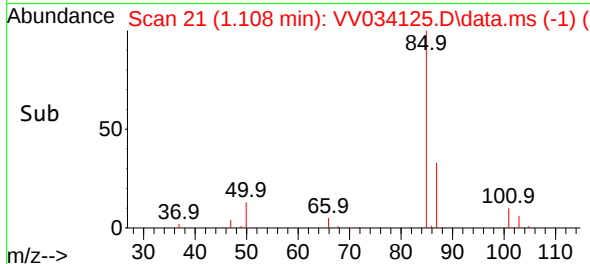
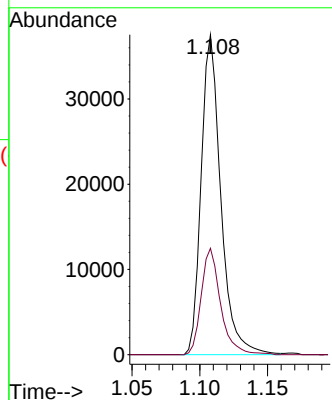
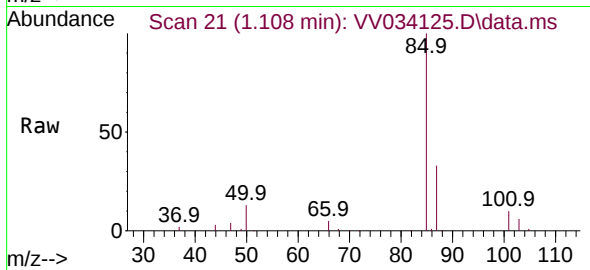




#2
 Dichlorodifluoromethane
 Concen: 4.922 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034125.D
 Acq: 12 Feb 2024 08:57

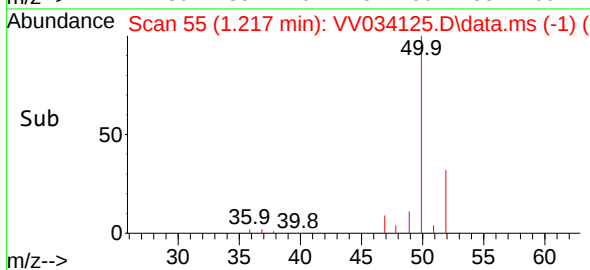
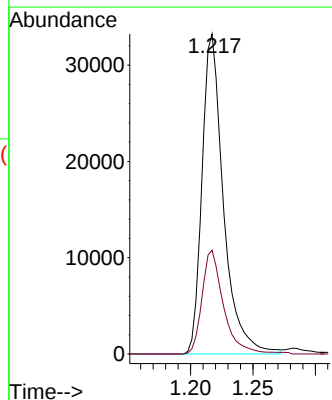
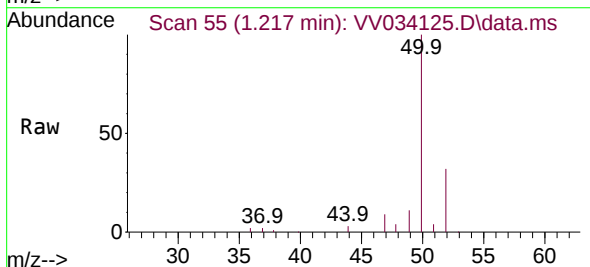
Instrument :
 MSVOA_V
 ClientSampleId :

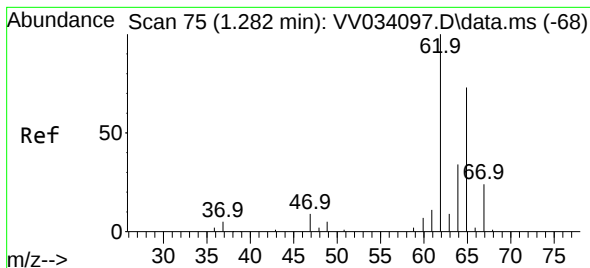
Tgt Ion: 85 Resp: 37838
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 4.743 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV034125.D
 Acq: 12 Feb 2024 08:57

Tgt Ion: 50 Resp: 39771
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.4 43.4





#5

Vinyl chloride

Concen: 4.907 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.003 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

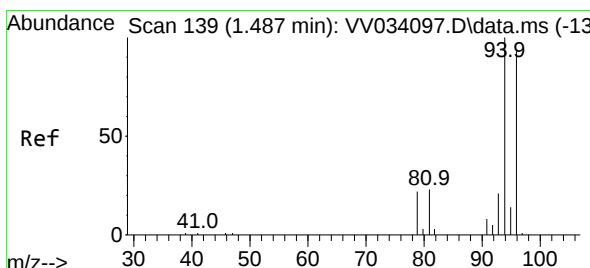
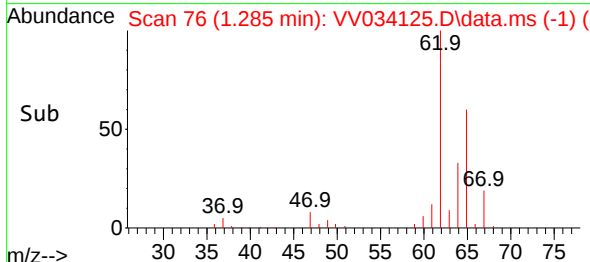
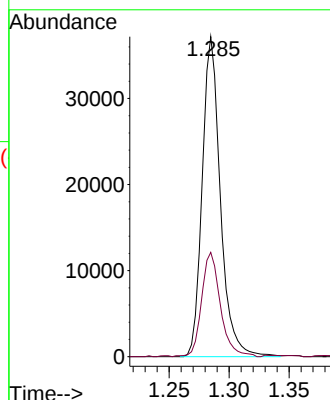
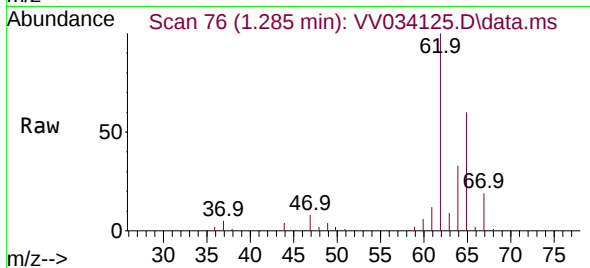
ClientSampleId :

Tgt Ion: 62 Resp: 39322

Ion Ratio Lower Upper

62 100

64 32.6 27.2 50.4



#6

Bromomethane

Concen: 5.400 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.003 min

Lab File: VV034125.D

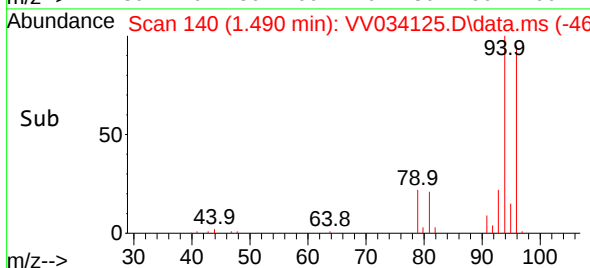
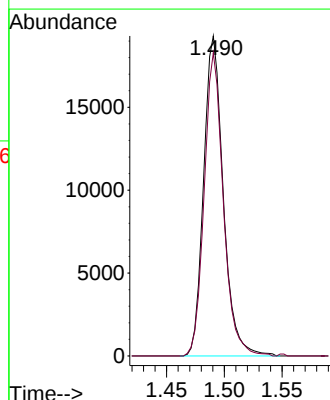
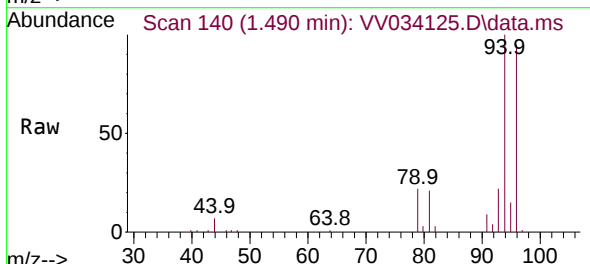
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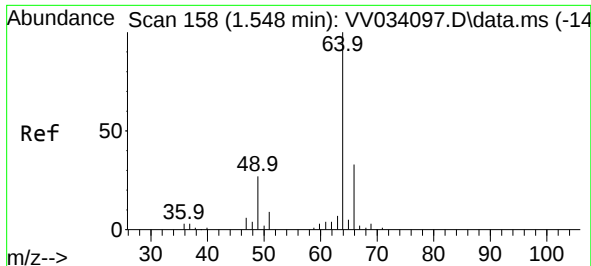
Tgt Ion: 94 Resp: 22788

Ion Ratio Lower Upper

94 100

96 94.7 66.6 123.8





#8

Chloroethane

Concen: 4.484 ug/L

RT: 1.552 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

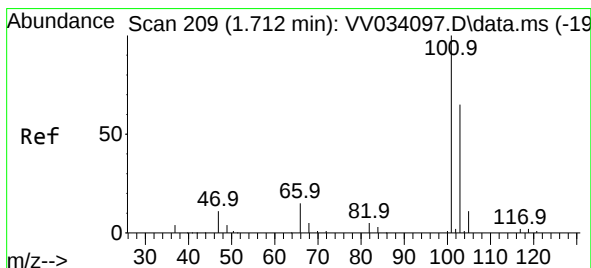
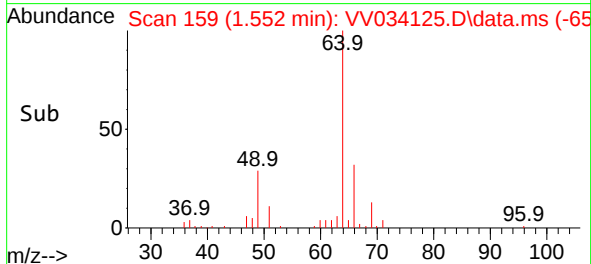
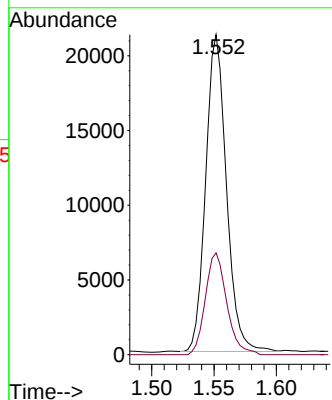
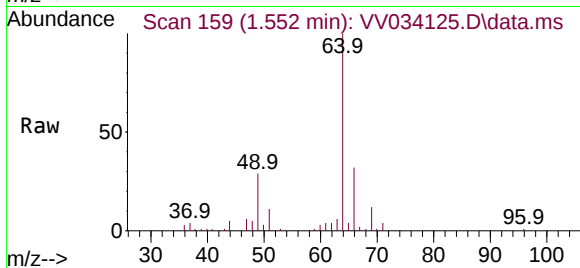
ClientSampleId :

Tgt Ion: 64 Resp: 24513

Ion Ratio Lower Upper

64 100

66 31.8 22.0 41.0



#9

Trichlorofluoromethane

Concen: 5.525 ug/L

RT: 1.716 min Scan# 210

Delta R.T. 0.003 min

Lab File: VV034125.D

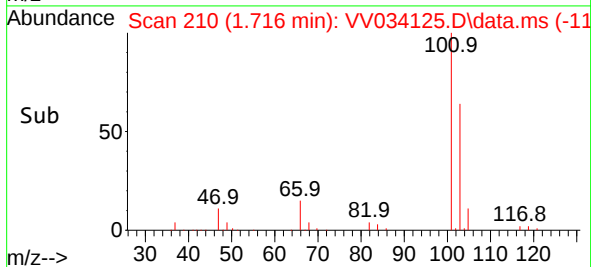
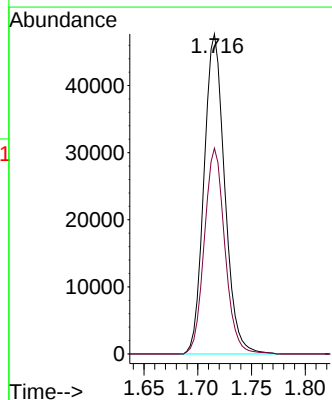
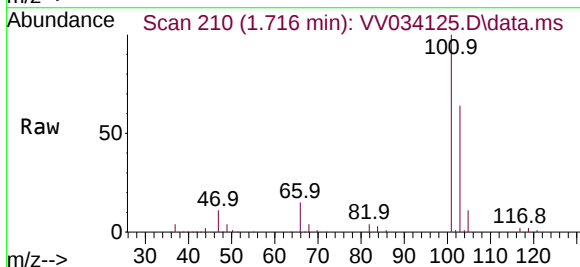
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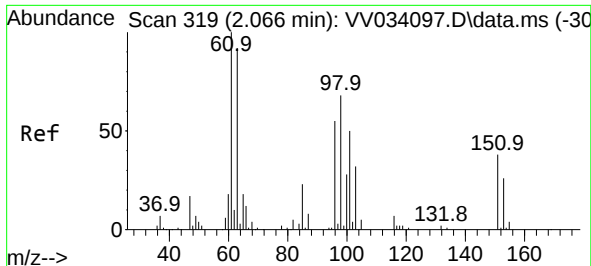
Tgt Ion:101 Resp: 63800

Ion Ratio Lower Upper

101 100

103 63.7 51.0 76.4

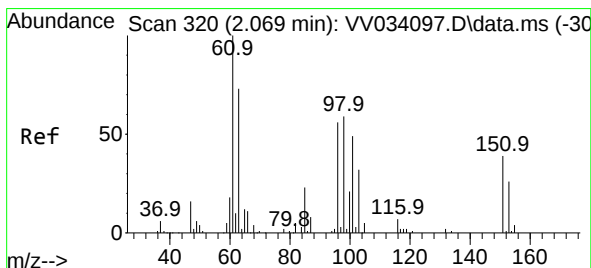
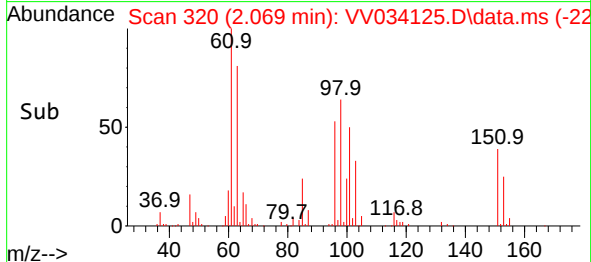
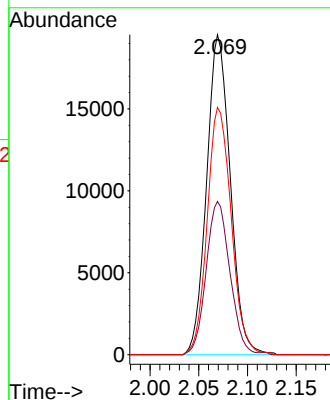
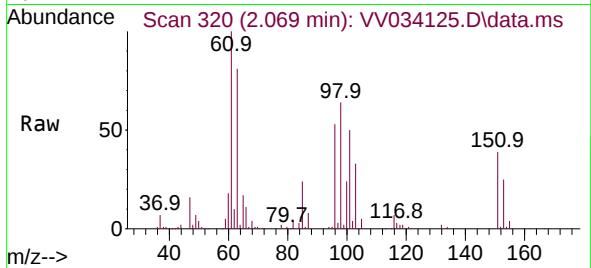




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.462 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

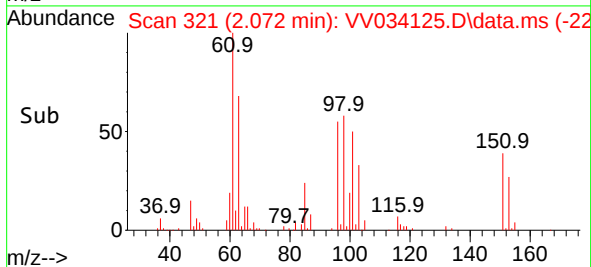
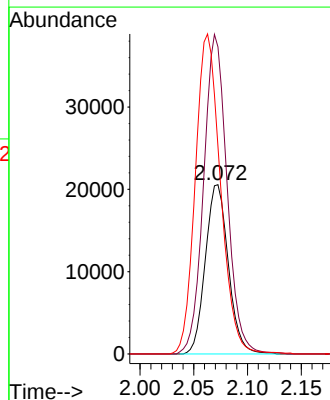
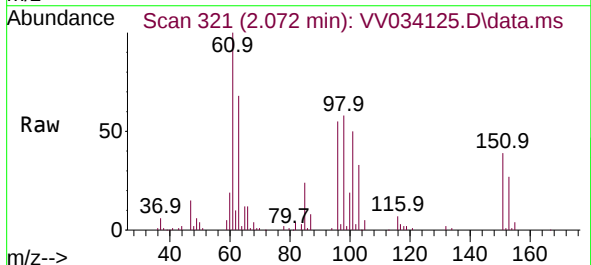
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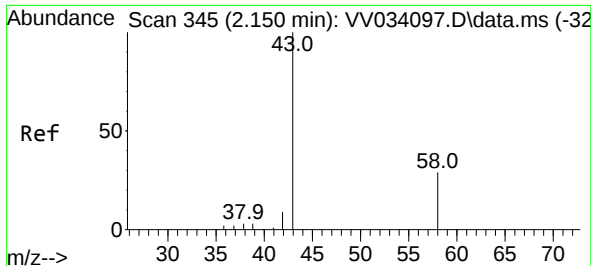
Tgt Ion:101 Resp: 32971
Ion Ratio Lower Upper
101 100
85 48.0 37.1 55.7
151 78.6 61.7 92.5



#12
1,1-Dichloroethene
Concen: 5.209 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

Tgt Ion: 96 Resp: 30528
Ion Ratio Lower Upper
96 100
61 181.3 128.8 239.2
63 122.6 97.9 181.9





#13

Acetone

Concen: 46.823 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

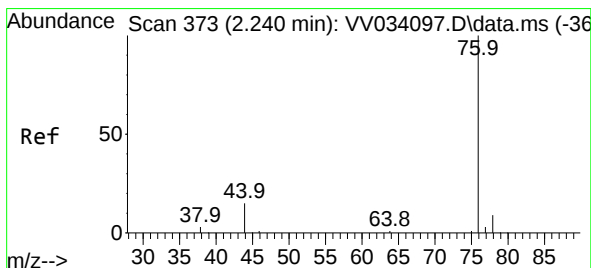
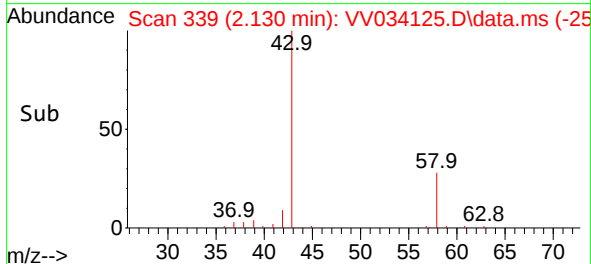
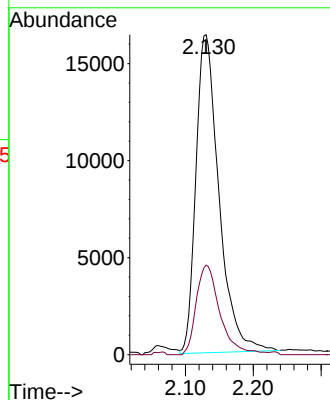
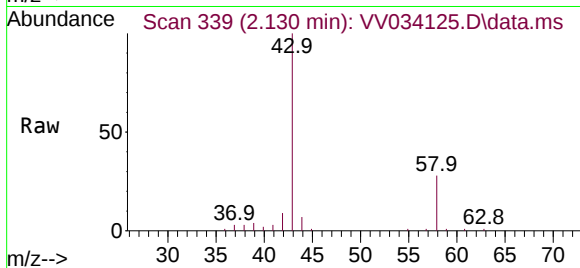
ClientSampleId :

Tgt Ion: 43 Resp: 38762

Ion Ratio Lower Upper

43 100

58 29.0 0.0 13.8#



#14

Carbon disulfide

Concen: 4.578 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

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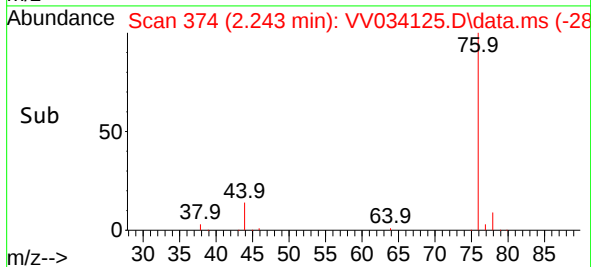
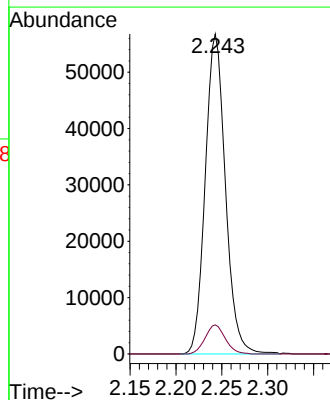
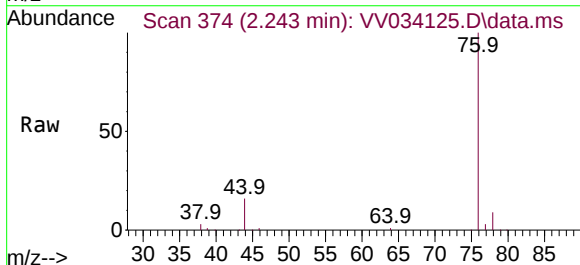
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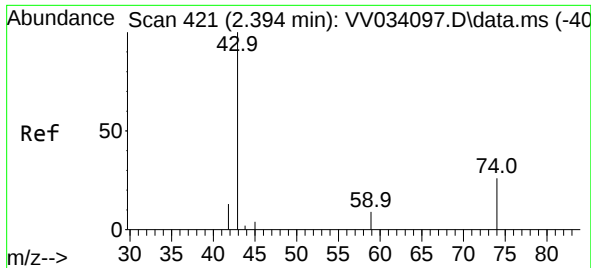
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Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

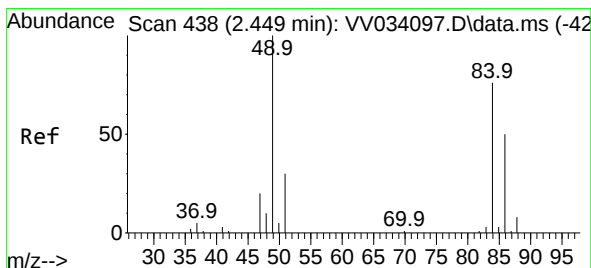
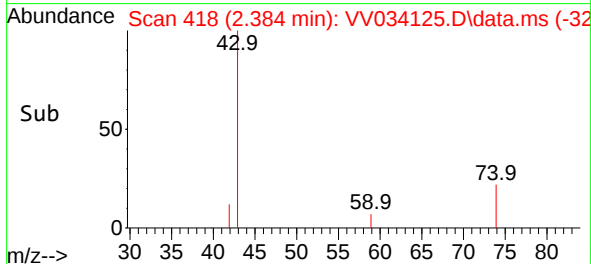
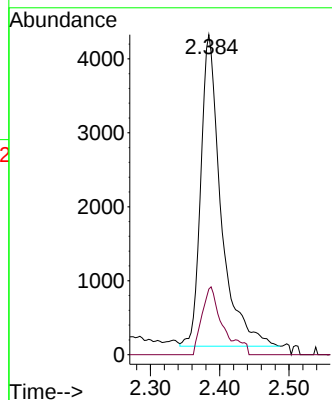
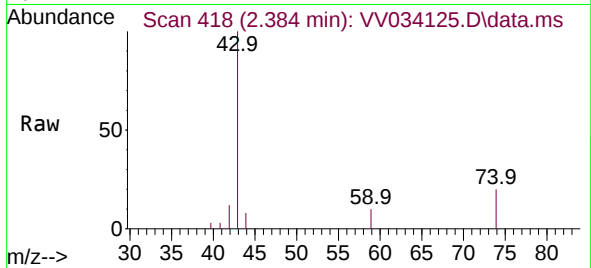




#15
Methyl Acetate
Concen: 4.355 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.010 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

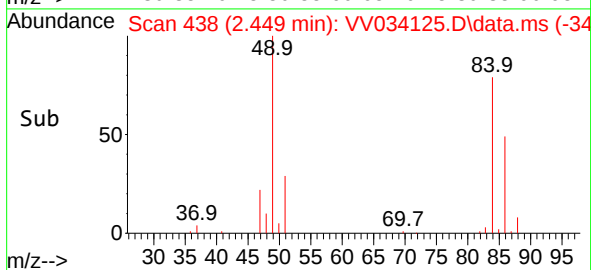
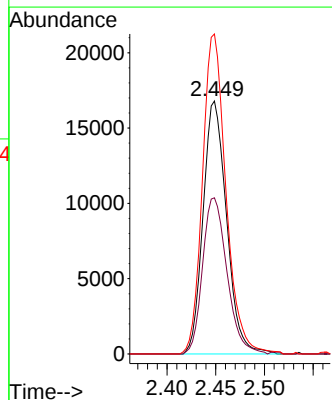
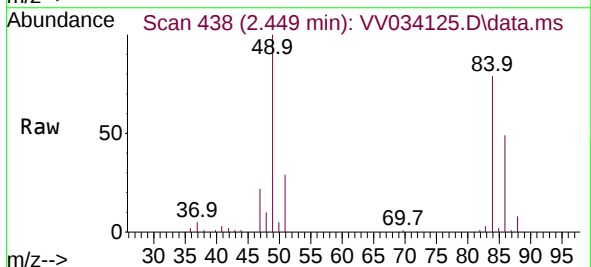
Instrument :
MSVOA_V
ClientSampleId :

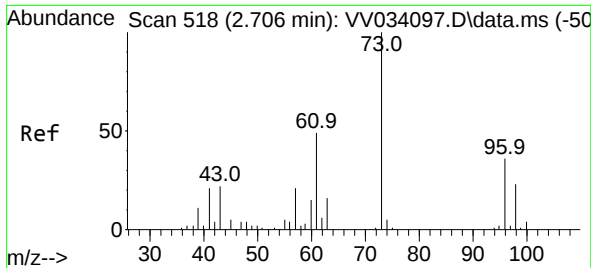
Tgt Ion: 43 Resp: 8533
Ion Ratio Lower Upper
43 100
74 20.1 18.2 27.4



#16
Methylene chloride
Concen: 5.020 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

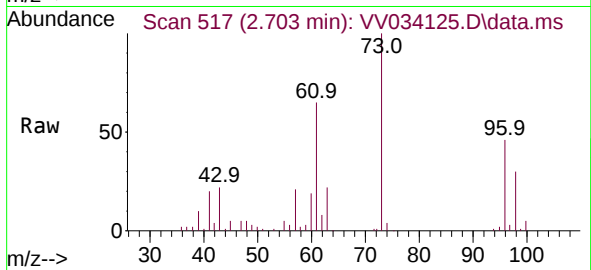
Tgt Ion: 84 Resp: 28227
Ion Ratio Lower Upper
84 100
86 61.7 44.7 83.1
49 126.5 93.7 173.9



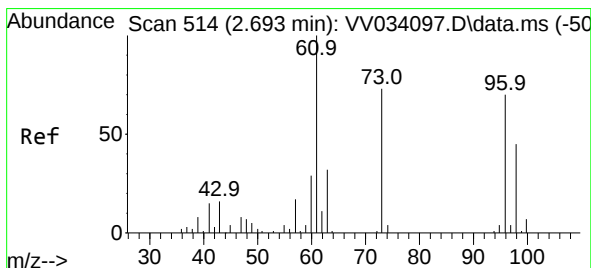
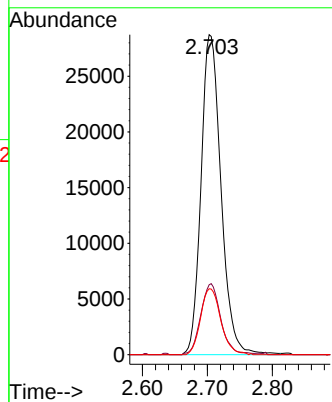
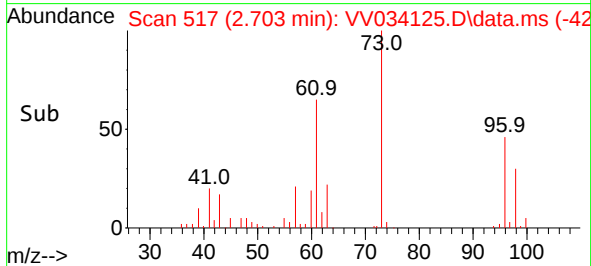


#17
Methyl tert-butyl Ether
Concen: 5.113 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

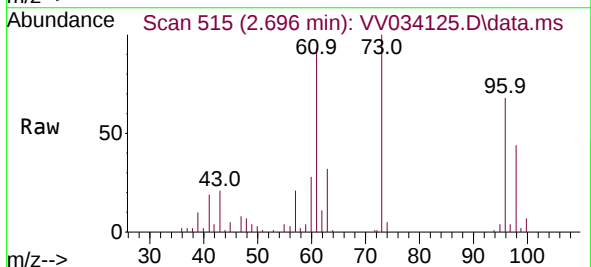
Instrument :
MSVOA_V
ClientSampleId :



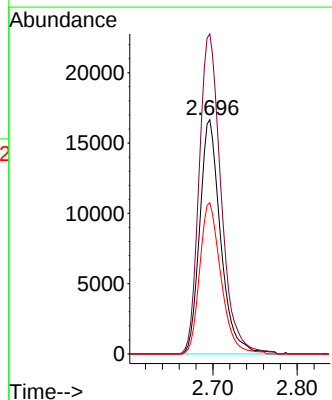
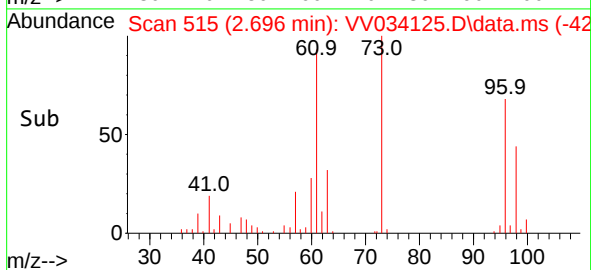
Tgt Ion: 73	Resp: 61574
Ion Ratio	Lower Upper
73 100	
43 22.2	17.7 26.5
57 20.9	17.9 26.9

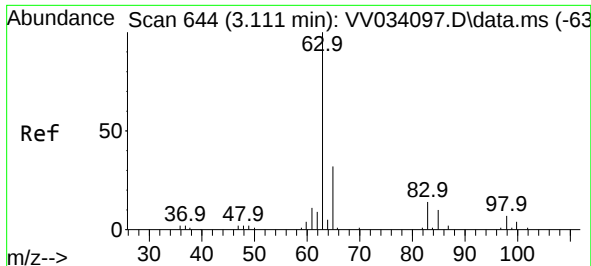


#18
trans-1,2-Dichloroethene
Concen: 4.822 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57



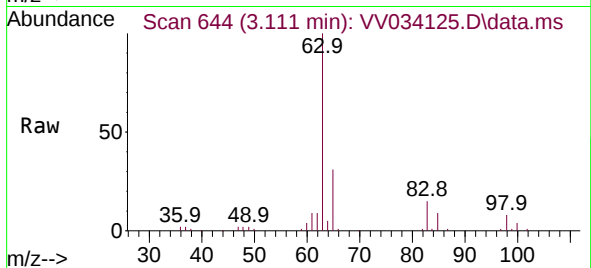
Tgt Ion: 96	Resp: 28784
Ion Ratio	Lower Upper
96 100	
61 136.6	97.6 181.4
98 64.6	44.4 82.5



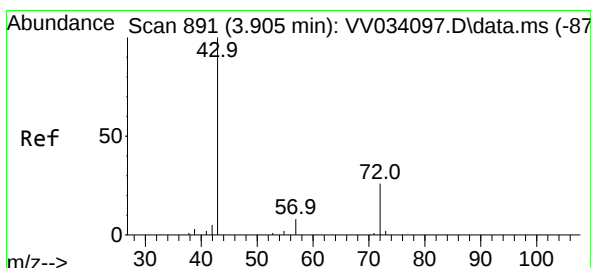
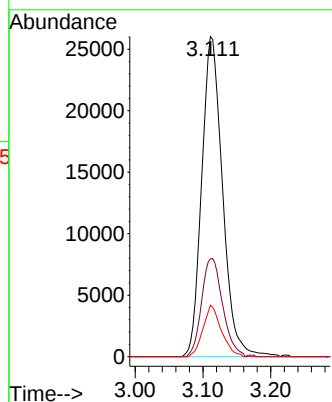
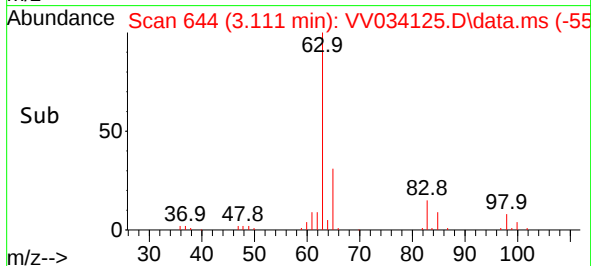


#19
1,1-Dichloroethane
Concen: 5.069 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

Instrument :
MSVOA_V
ClientSampleId :

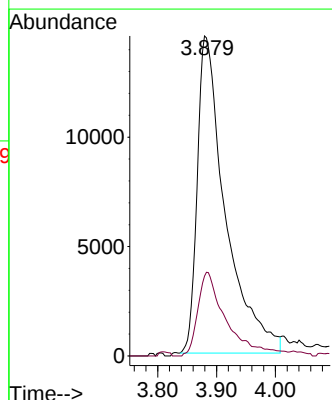
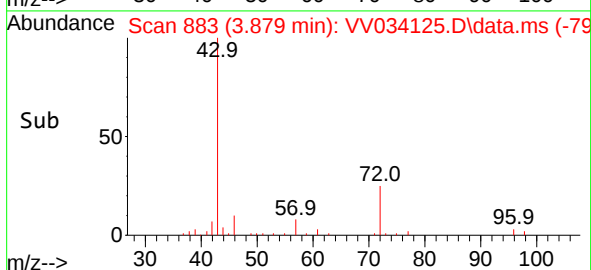
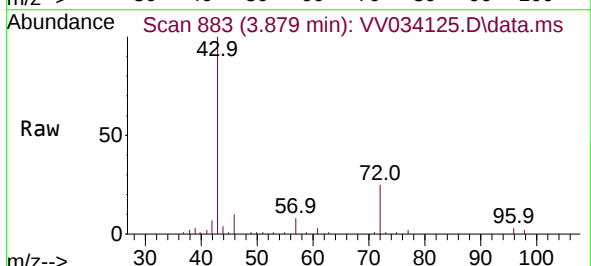


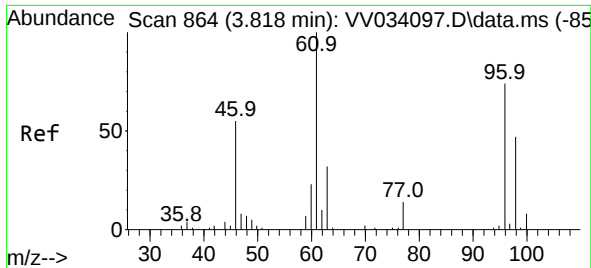
Tgt Ion:	63	Resp:	55600
Ion	Ratio	Lower	Upper
63	100		
65	30.6	20.8	38.6
83	16.1	9.4	17.4



#21
2-Butanone
Concen: 44.134 ug/L
RT: 3.879 min Scan# 883
Delta R.T. -0.026 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

Tgt Ion:	43	Resp:	48282
Ion	Ratio	Lower	Upper
43	100		
72	26.6	4.0	11.9





#22

cis-1,2-Dichloroethene

Concen: 4.650 ug/L

RT: 3.815 min Scan# 864

Delta R.T. -0.003 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

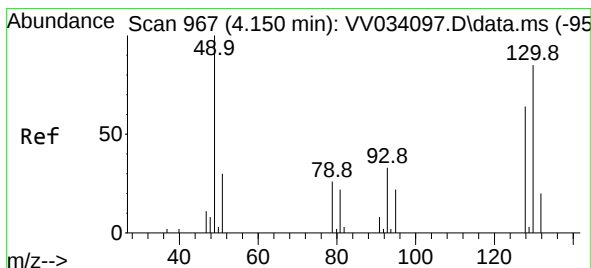
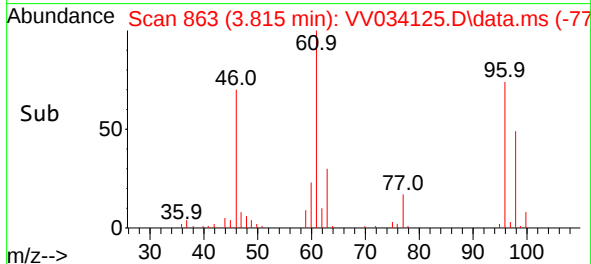
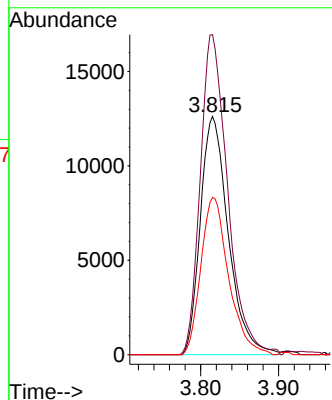
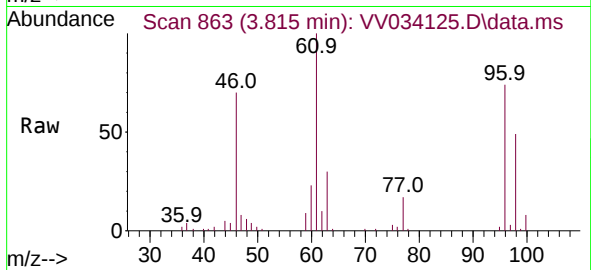
Tgt Ion: 96 Resp: 31494

Ion Ratio Lower Upper

96 100

61 134.4 90.3 167.7

98 66.0 43.2 80.2



#23

Bromochloromethane

Concen: 5.227 ug/L

RT: 4.149 min Scan# 967

Delta R.T. -0.000 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Tgt Ion: 128 Resp: 12307

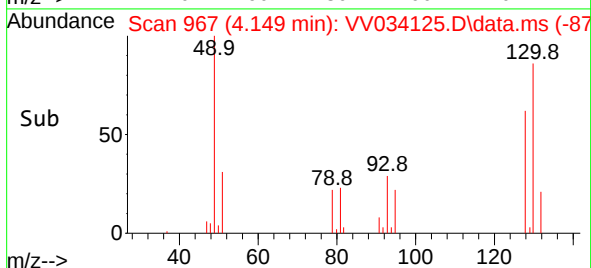
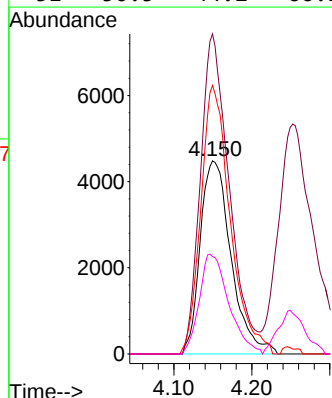
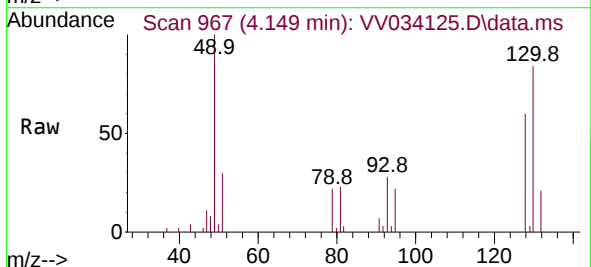
Ion Ratio Lower Upper

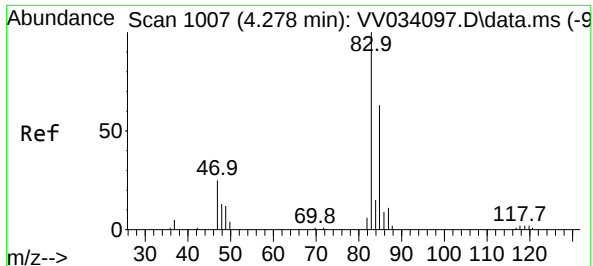
128 100

49 165.7 120.5 223.7

130 139.0 93.4 173.4

51 50.5 44.2 66.2

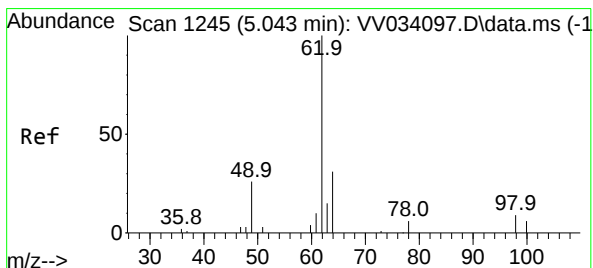
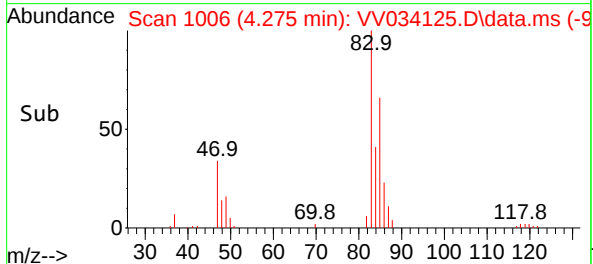
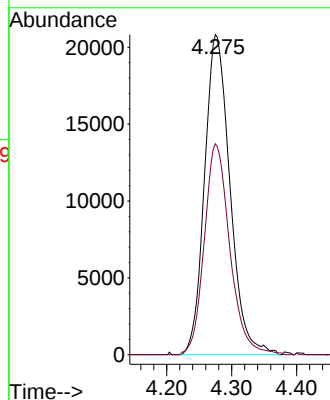
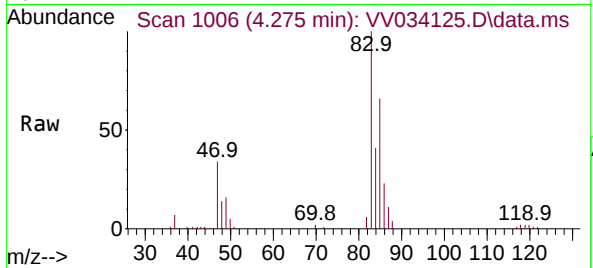




#25
Chloroform
Concen: 5.121 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.003 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

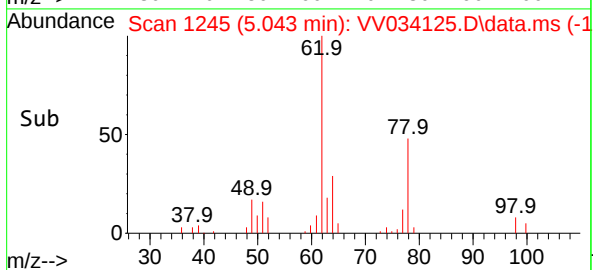
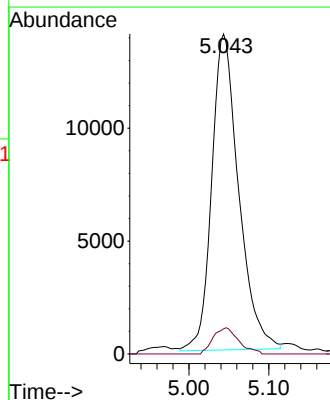
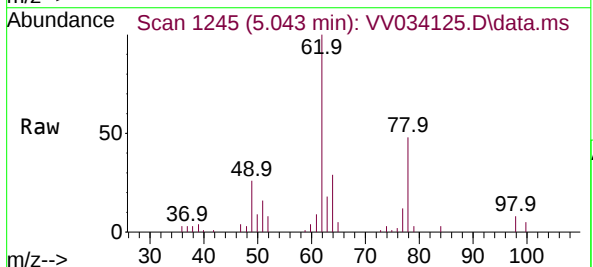
Instrument :
MSVOA_V
ClientSampleId :

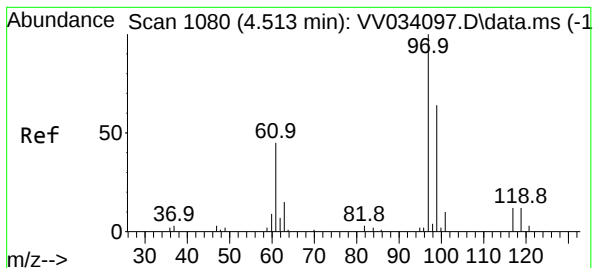
Tgt Ion: 83 Resp: 56779
Ion Ratio Lower Upper
83 100
85 65.9 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.158 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

Tgt Ion: 62 Resp: 32750
Ion Ratio Lower Upper
62 100
98 7.8 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.346 ug/L

RT: 4.513 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

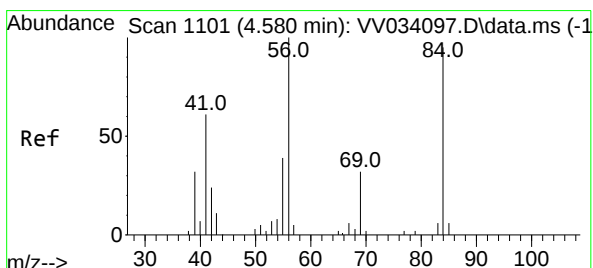
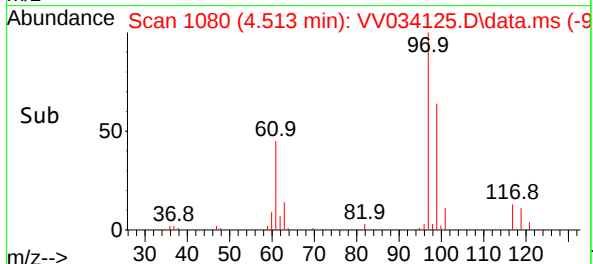
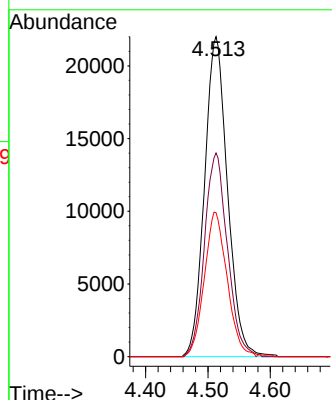
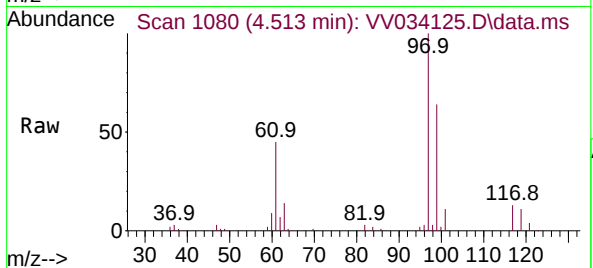
Tgt Ion: 97 Resp: 56420

Ion Ratio Lower Upper

97 100

99 63.7 50.6 75.8

61 44.8 36.8 55.2



#30

Cyclohexane

Concen: 4.698 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

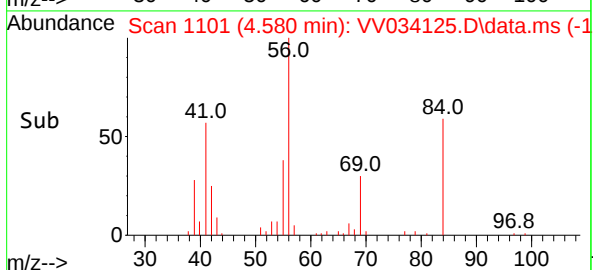
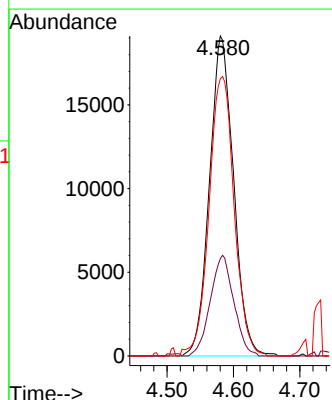
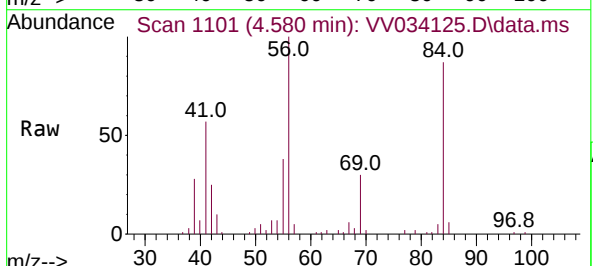
Tgt Ion: 56 Resp: 48216

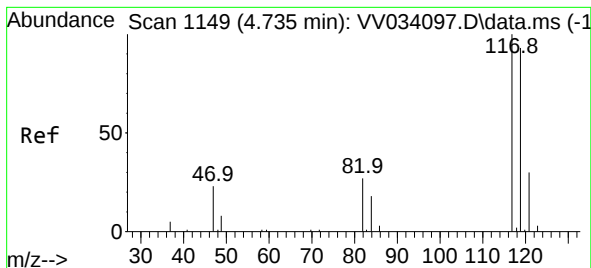
Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 91.0 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.347 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

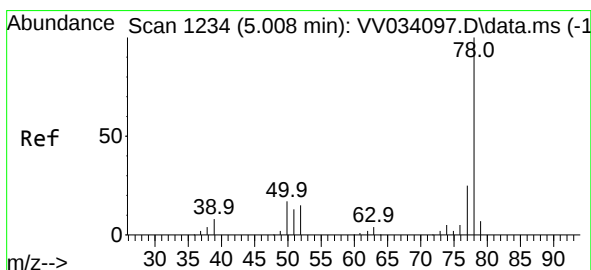
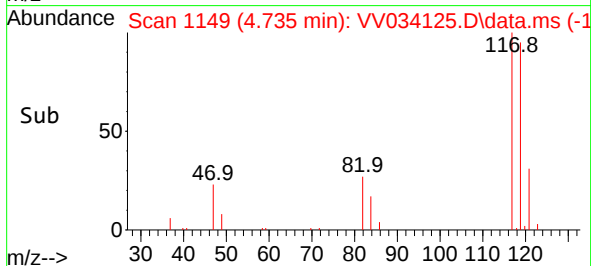
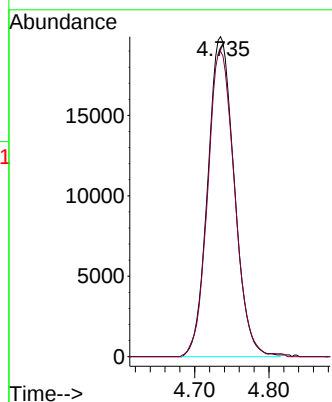
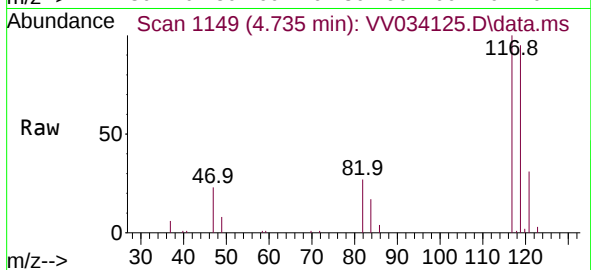
ClientSampleId :

Tgt Ion:117 Resp: 49377

Ion Ratio Lower Upper

117 100

119 96.7 76.1 114.1



#33

Benzene

Concen: 4.945 ug/L

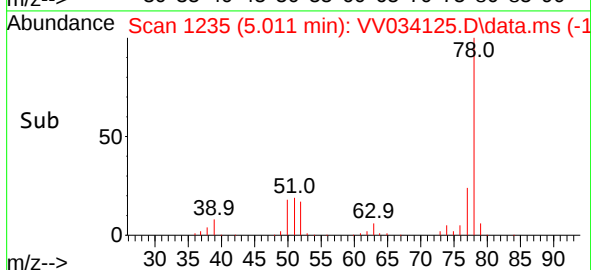
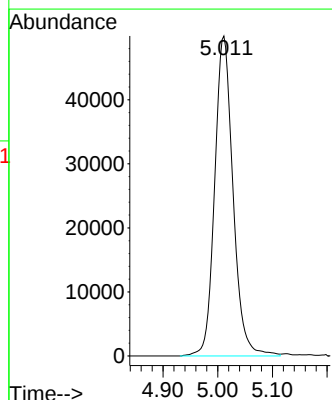
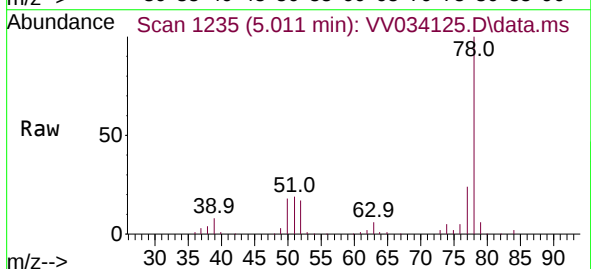
RT: 5.011 min Scan# 1235

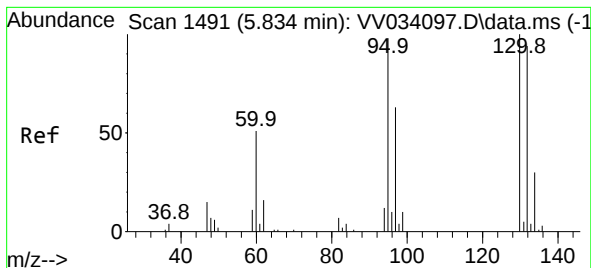
Delta R.T. 0.003 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Tgt Ion: 78 Resp: 116585





#34

Trichloroethene

Concen: 4.746 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

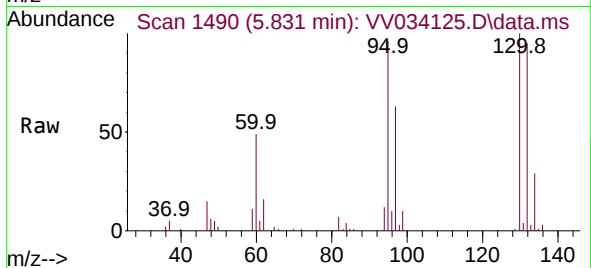
Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 32381

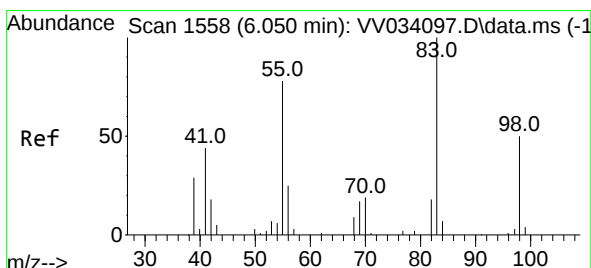
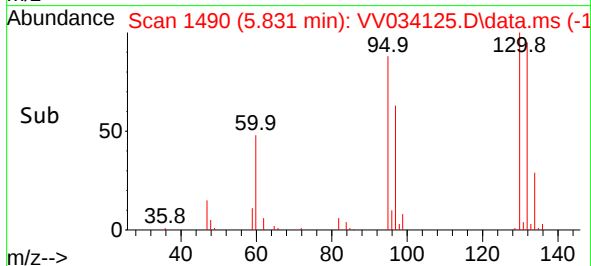
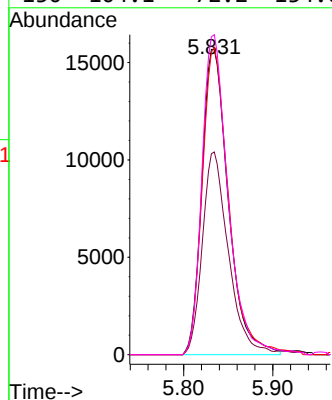
Ion Ratio Lower Upper

95 100

97 65.8 45.1 83.7

132 99.1 66.0 122.6

130 104.1 72.2 134.0



#35

Methylcyclohexane

Concen: 4.868 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

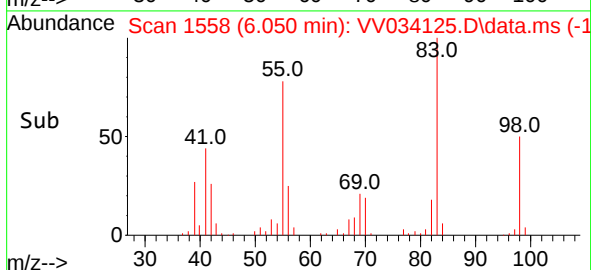
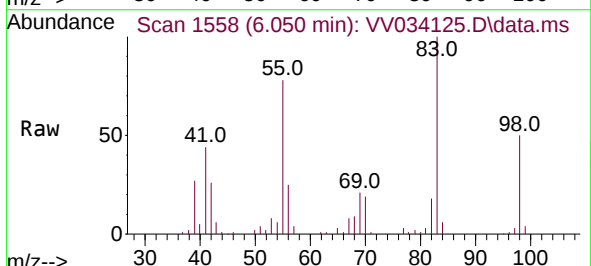
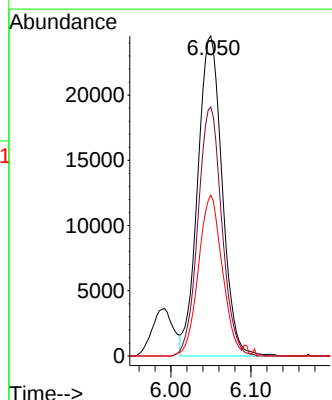
Tgt Ion: 83 Resp: 52144

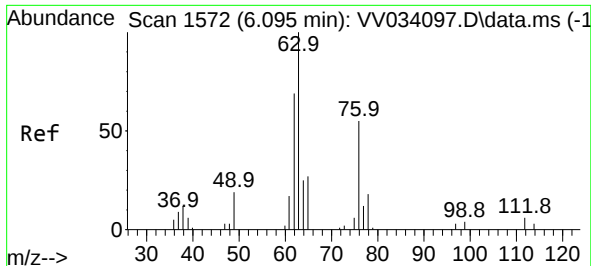
Ion Ratio Lower Upper

83 100

55 75.9 63.5 95.3

98 49.0 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.840 ug/L

RT: 6.092 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

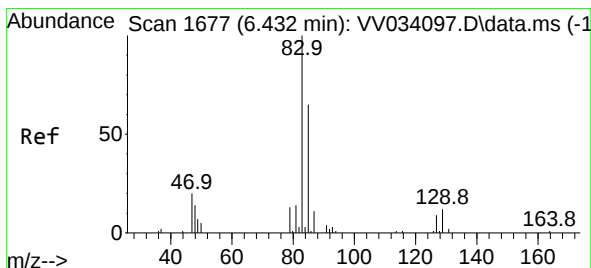
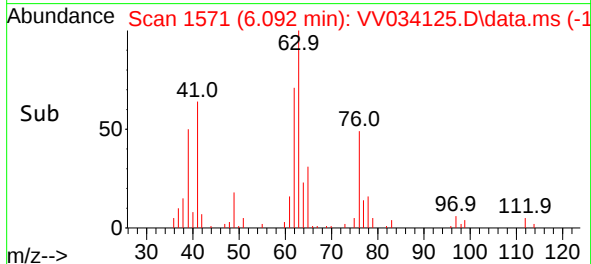
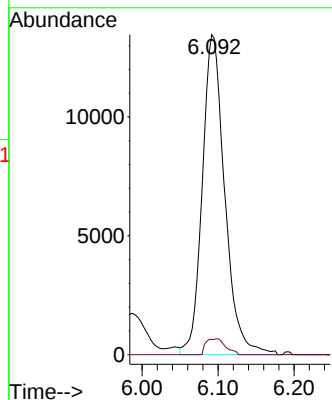
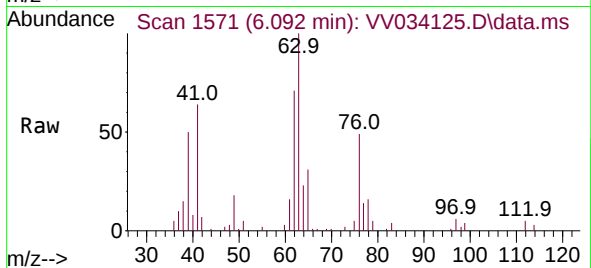
ClientSampleId :

Tgt Ion: 63 Resp: 27641

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.0



#38

Bromodichloromethane

Concen: 5.015 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

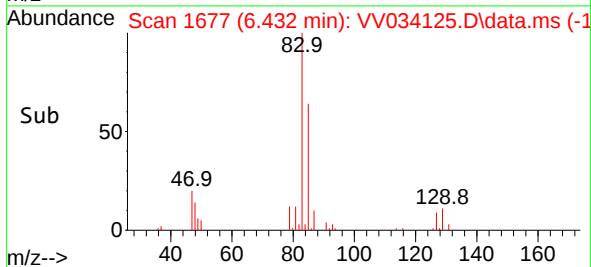
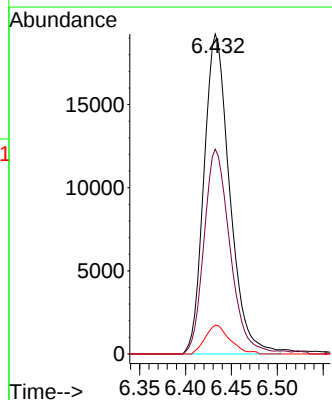
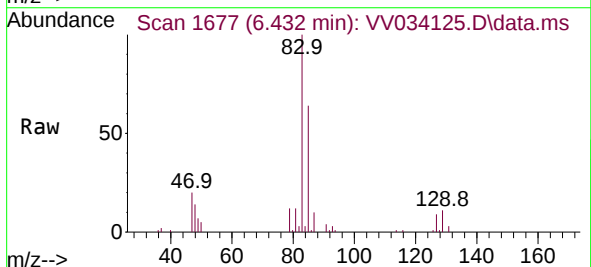
Tgt Ion: 83 Resp: 37597

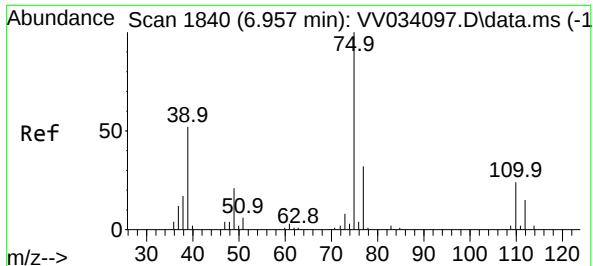
Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.2

127 9.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.922 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

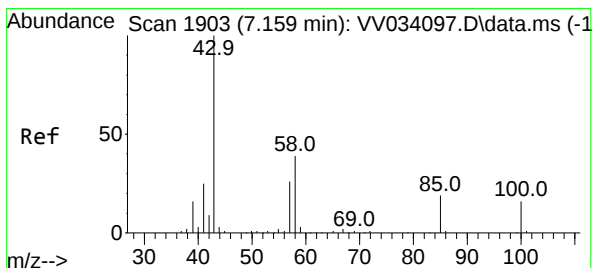
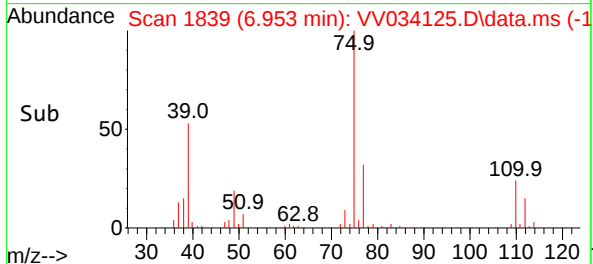
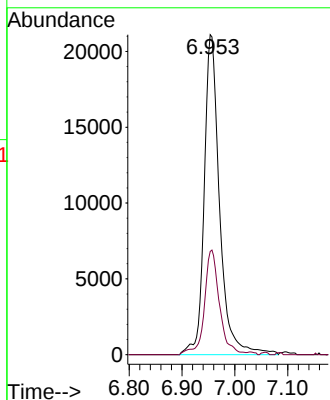
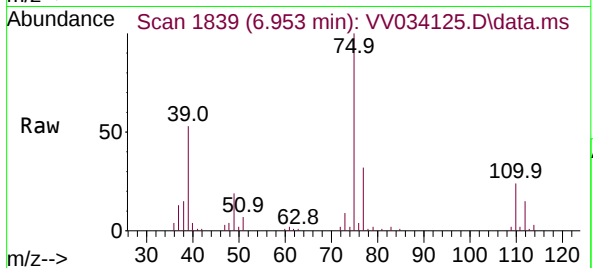
ClientSampleId :

Tgt Ion: 75 Resp: 42769

Ion Ratio Lower Upper

75 100

77 32.3 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 45.606 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

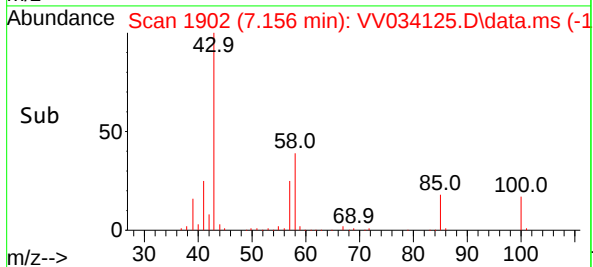
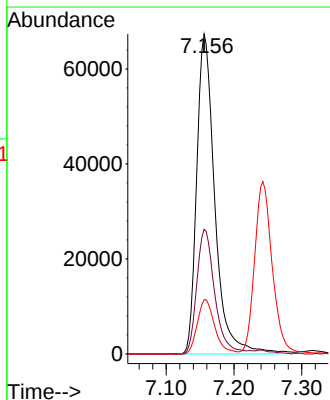
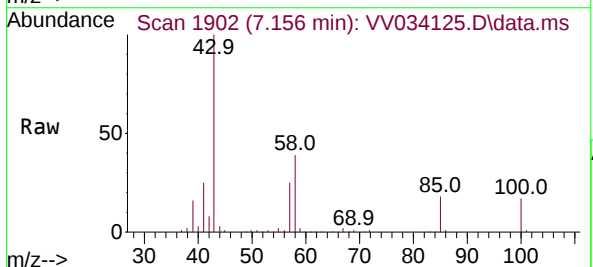
Tgt Ion: 43 Resp: 124723

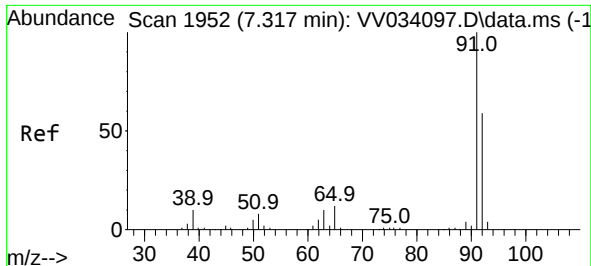
Ion Ratio Lower Upper

43 100

58 38.5 30.2 45.2

100 16.5 12.1 18.1





#42

Toluene

Concen: 5.023 ug/L

RT: 7.313 min Scan# 1952

Delta R.T. -0.003 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

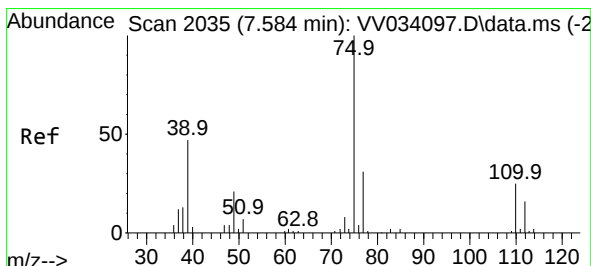
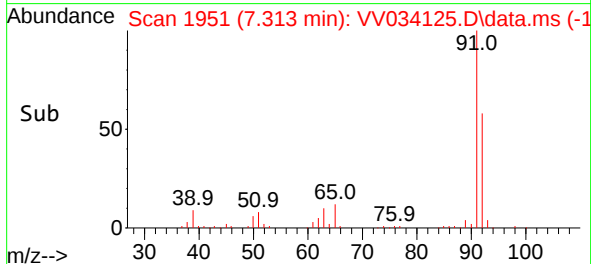
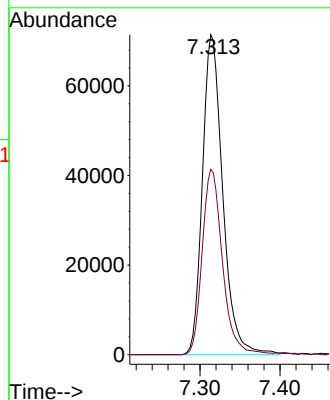
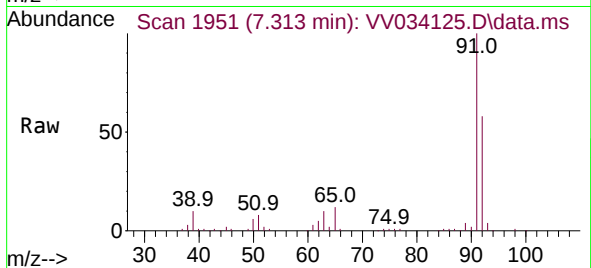
ClientSampleId :

Tgt Ion: 91 Resp: 126559

Ion Ratio Lower Upper

91 100

92 57.9 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.021 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034125.D

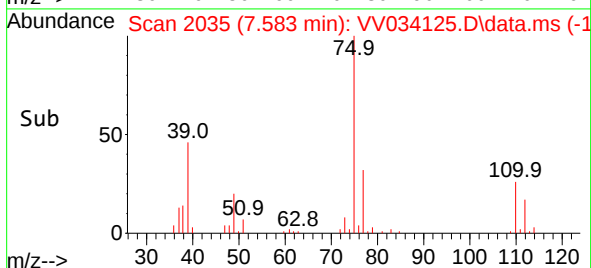
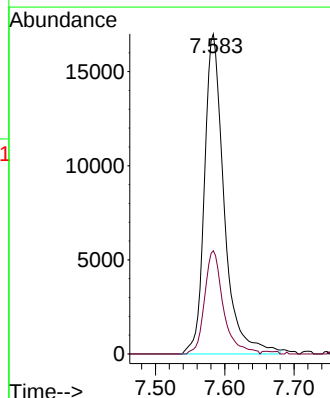
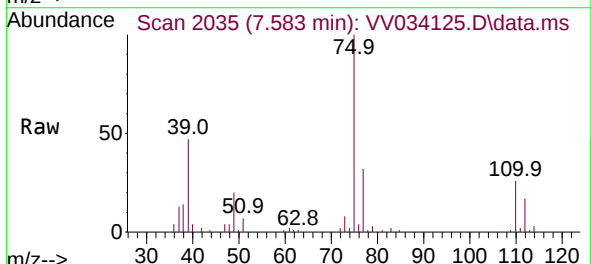
Acq: 12 Feb 2024 08:57

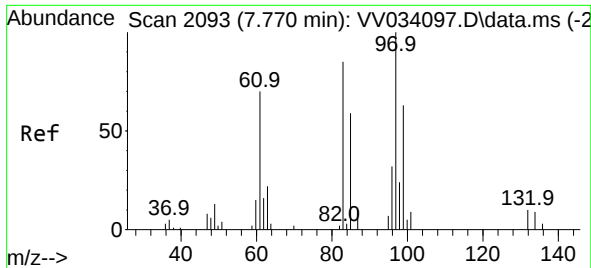
Tgt Ion: 75 Resp: 33502

Ion Ratio Lower Upper

75 100

77 32.3 22.2 41.2

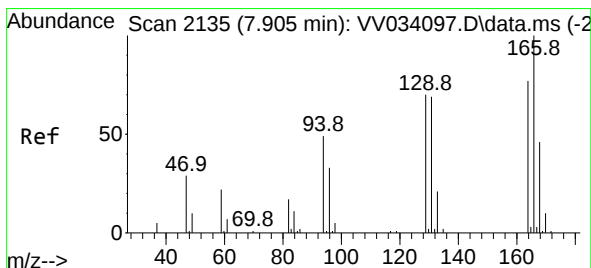
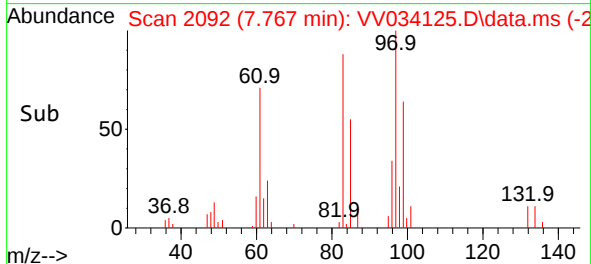
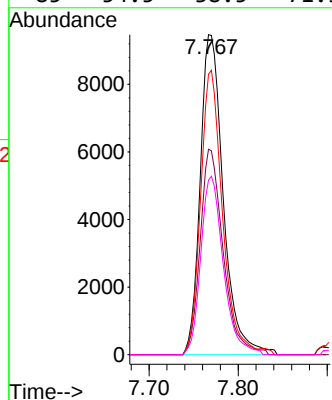
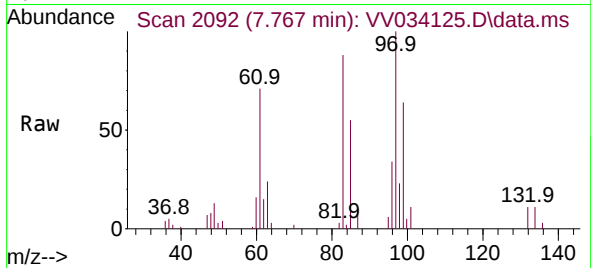




#45
1,1,2-Trichloroethane
Concen: 4.840 ug/L
RT: 7.767 min Scan# 2093
Delta R.T. -0.003 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

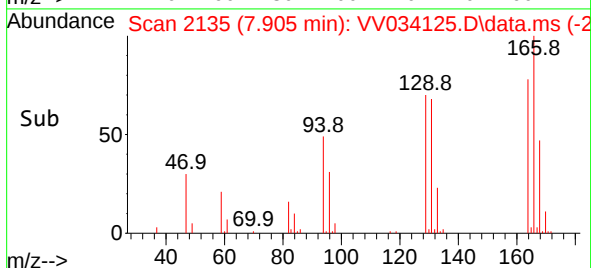
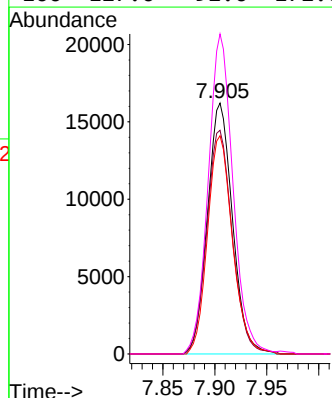
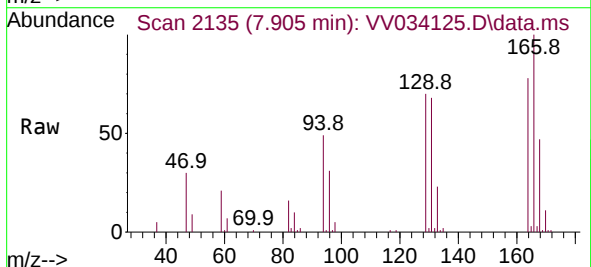
Instrument :
MSVOA_V
ClientSampleId :

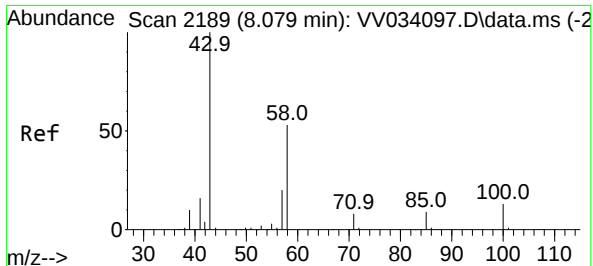
Tgt Ion: 97 Resp: 17068
Ion Ratio Lower Upper
97 100
99 64.2 45.6 84.6
83 87.6 62.3 115.7
85 54.5 38.5 71.5



#47
Tetrachloroethene
Concen: 4.910 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

Tgt Ion:164 Resp: 27225
Ion Ratio Lower Upper
164 100
129 89.2 67.8 125.8
131 87.0 63.0 117.0
166 127.6 92.6 172.0





#48

2-Hexanone

Concen: 45.635 ug/L

RT: 8.075 min Scan# 2189

Delta R.T. -0.003 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 87973

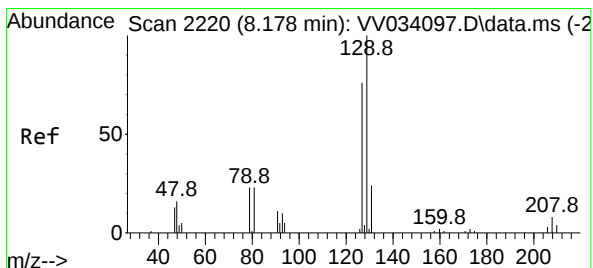
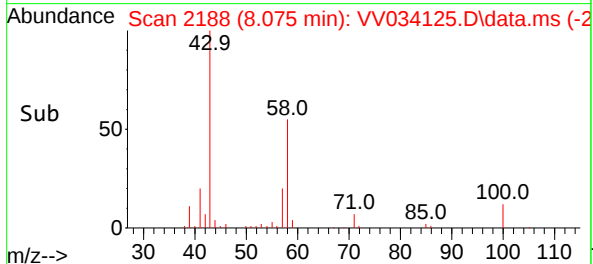
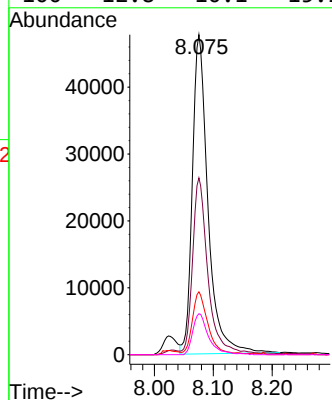
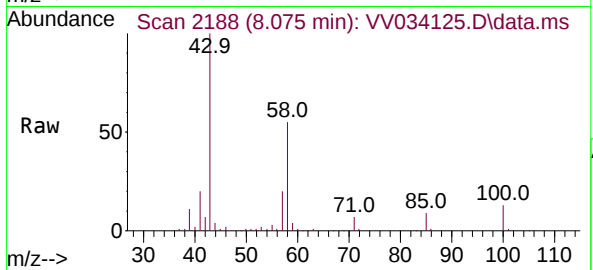
Ion Ratio Lower Upper

43 100

58 53.5 42.6 64.0

57 18.5 15.5 23.3

100 12.8 10.1 15.1



#49

Dibromochloromethane

Concen: 5.021 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.003 min

Lab File: VV034125.D

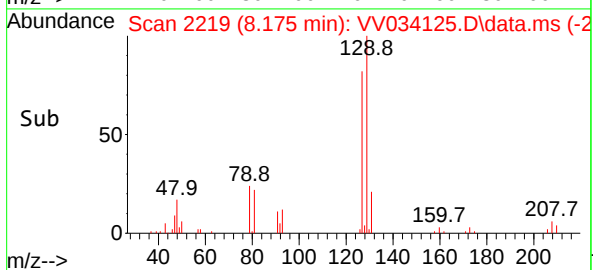
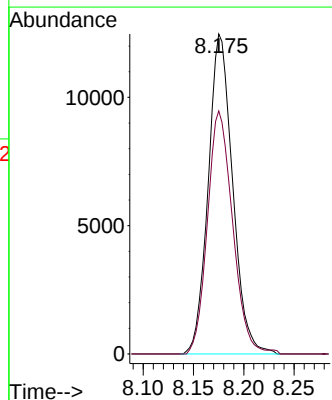
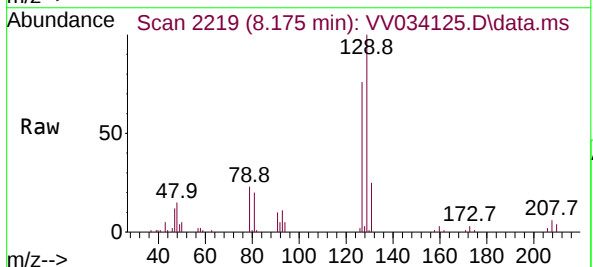
Acq: 12 Feb 2024 08:57

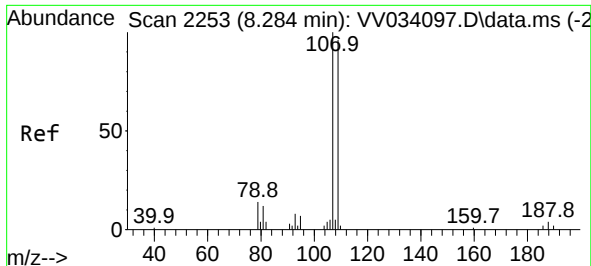
Tgt Ion: 129 Resp: 21041

Ion Ratio Lower Upper

129 100

127 75.9 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.103 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034125.D

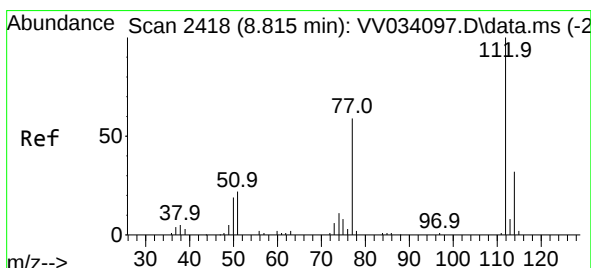
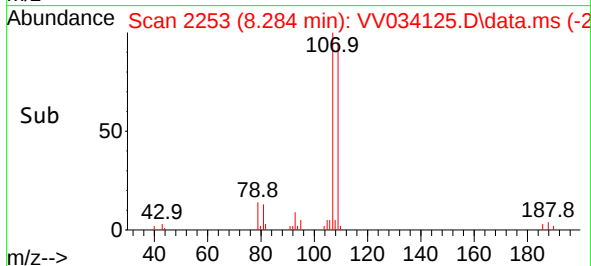
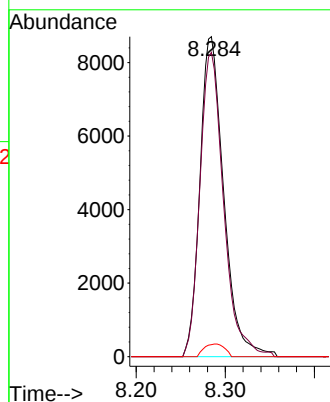
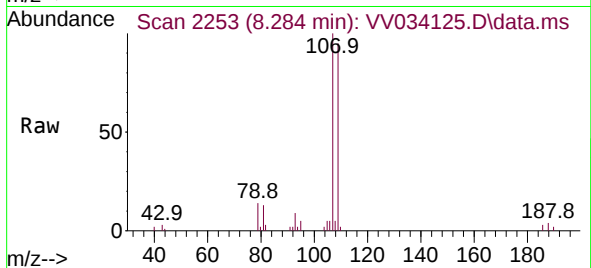
Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	16153
Ion	Ratio	Lower Upper
107	100	
109	95.1	64.5 119.9
188	3.8	2.6 4.0



#51

Chlorobenzene

Concen: 5.048 ug/L

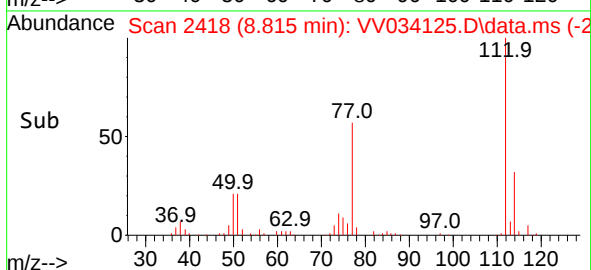
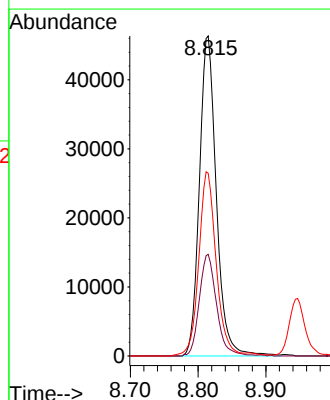
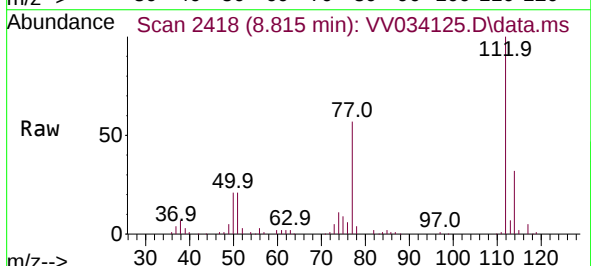
RT: 8.815 min Scan# 2418

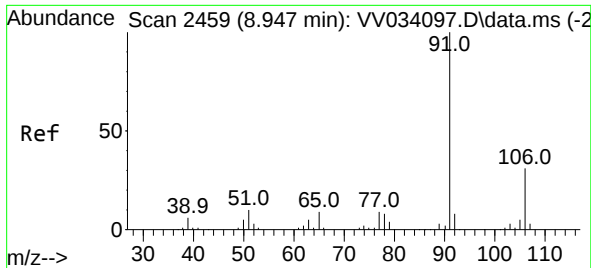
Delta R.T. -0.000 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Tgt Ion:112	Resp:	80423
Ion	Ratio	Lower Upper
112	100	
114	31.7	22.5 41.7
77	57.1	48.1 72.1

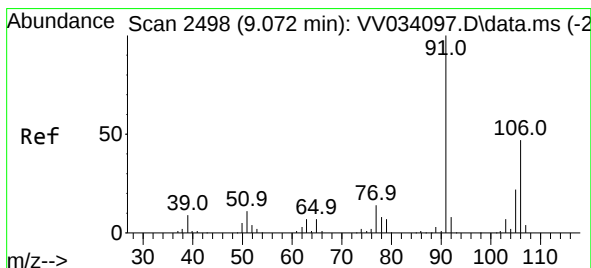
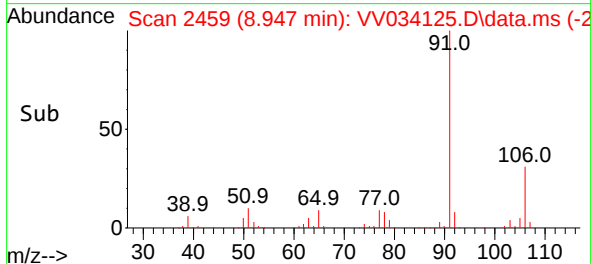
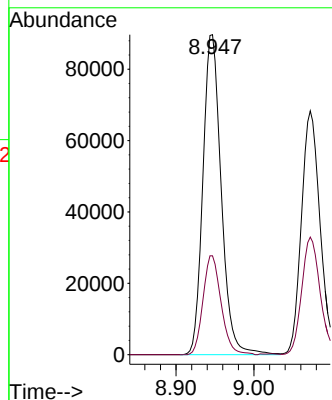
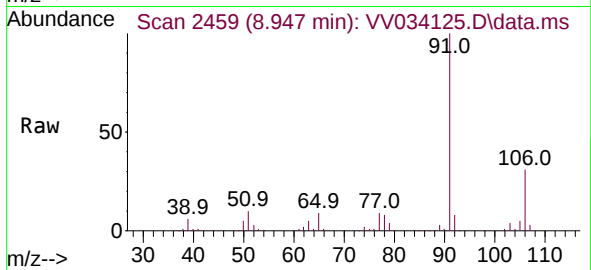




#52
Ethylbenzene
Concen: 5.052 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

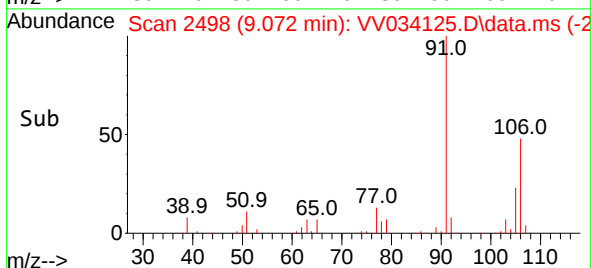
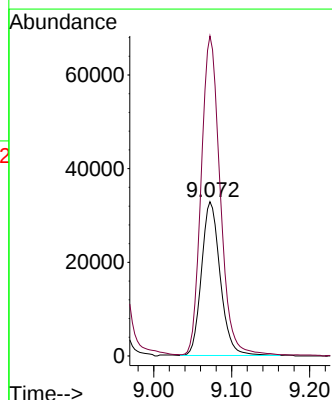
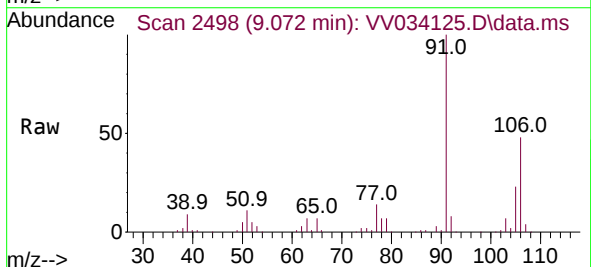
Instrument :
MSVOA_V
ClientSampleId :

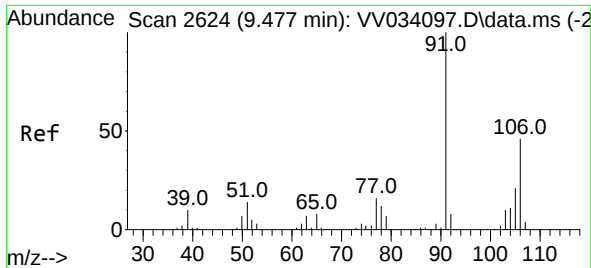
Tgt Ion: 91 Resp: 146545
Ion Ratio Lower Upper
91 100
106 30.9 21.4 39.8



#53
m,p-Xylene
Concen: 4.992 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

Tgt Ion: 106 Resp: 54719
Ion Ratio Lower Upper
106 100
91 207.4 147.5 273.9

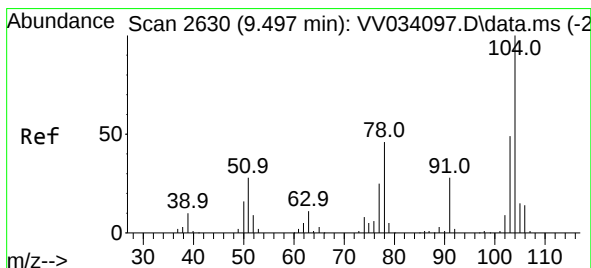
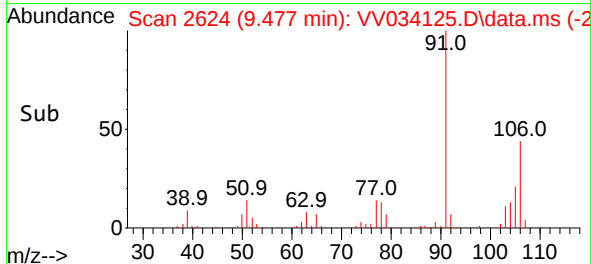
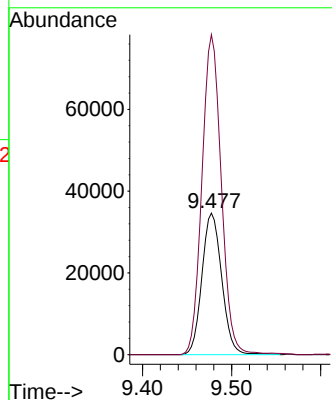
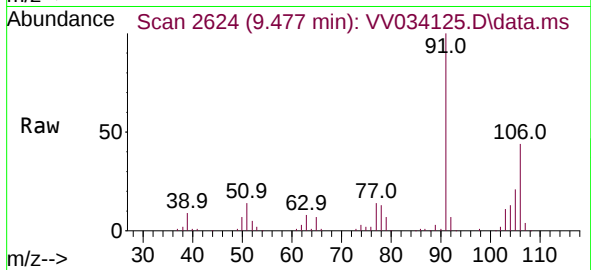




#54
o-Xylene
Concen: 5.059 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

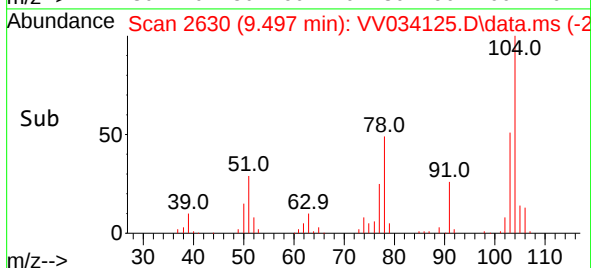
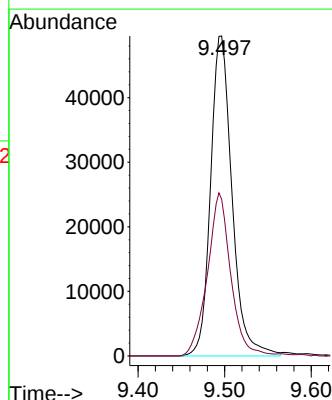
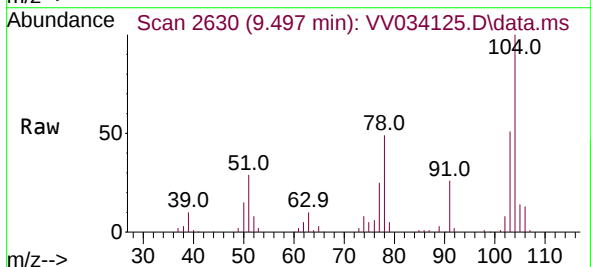
Instrument :
MSVOA_V
ClientSampleId :

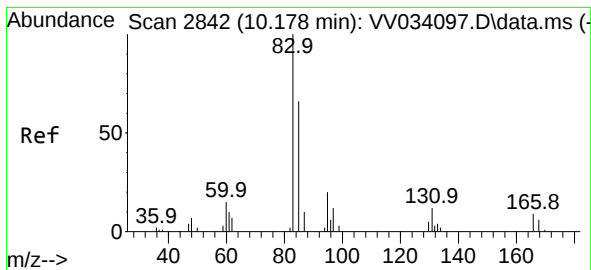
Tgt Ion:106 Resp: 53472
Ion Ratio Lower Upper
106 100
91 226.0 156.2 290.0



#55
Styrene
Concen: 5.048 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

Tgt Ion:104 Resp: 85419
Ion Ratio Lower Upper
104 100
78 49.0 32.9 61.1

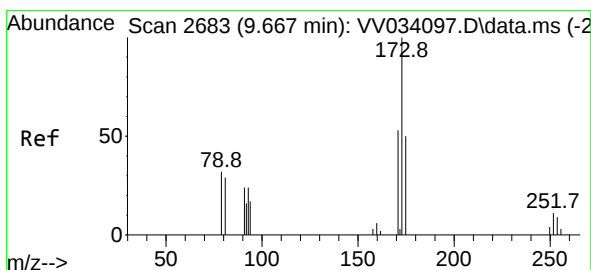
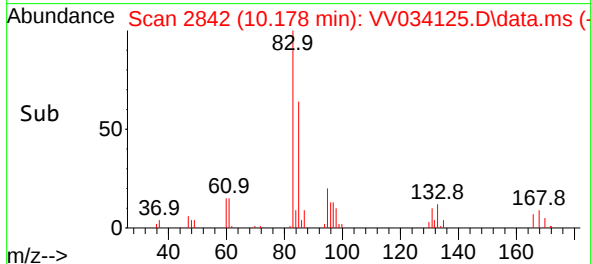
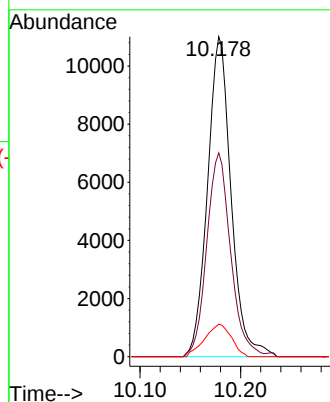
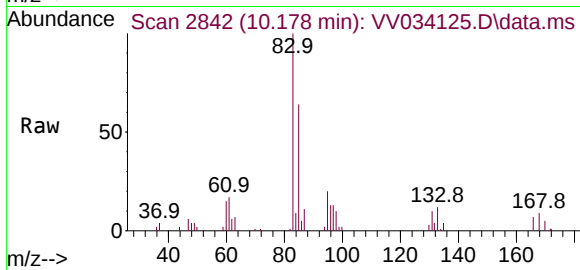




#57
1,1,2,2-Tetrachloroethane
Concen: 4.813 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

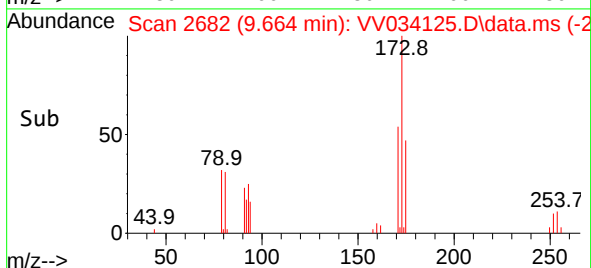
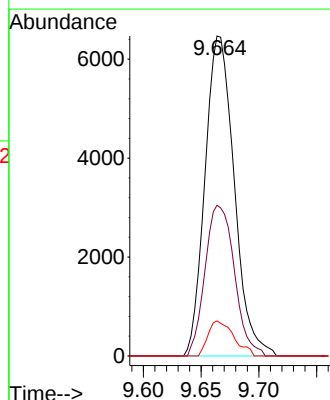
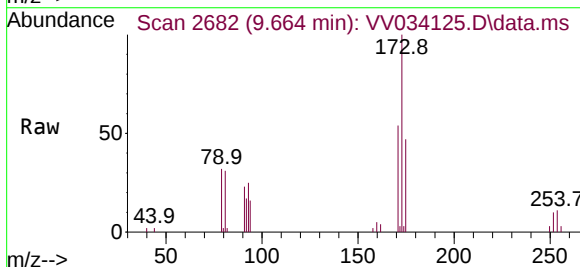
Instrument :
MSVOA_V
ClientSampleId :

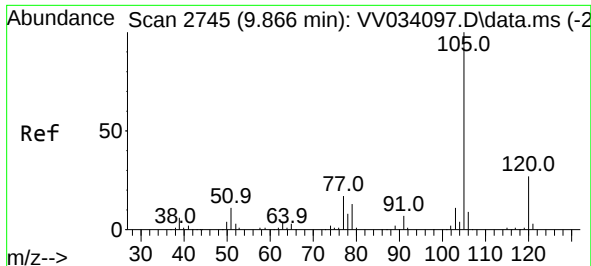
Tgt Ion:	83	Resp:	17914
Ion	Ratio	Lower	Upper
83	100		
85	63.7	46.5	86.3
131	10.1	8.4	12.6



#59
Bromoform
Concen: 5.129 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.003 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

Tgt Ion:	173	Resp:	11379
Ion	Ratio	Lower	Upper
173	100		
175	47.3	38.6	57.8
254	9.6	7.2	10.8

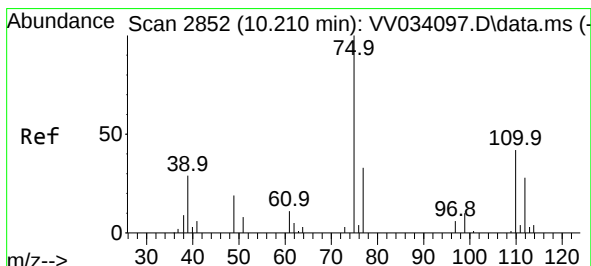
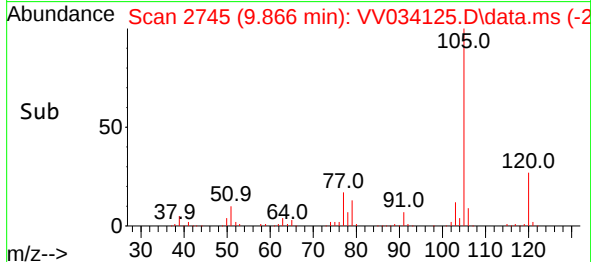
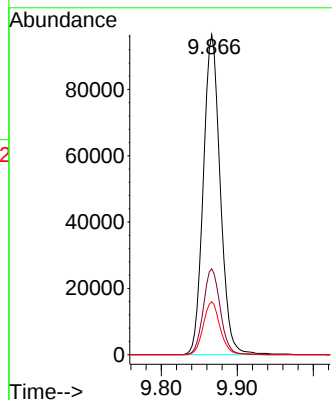
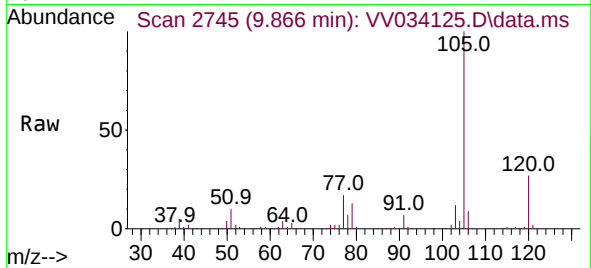




#60
Isopropylbenzene
Concen: 5.007 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

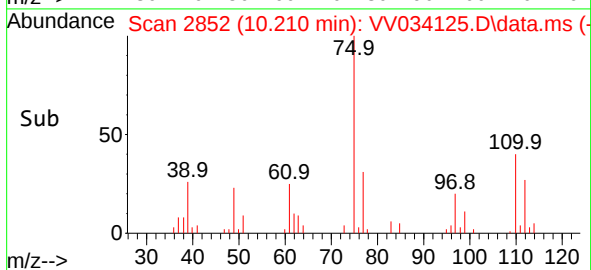
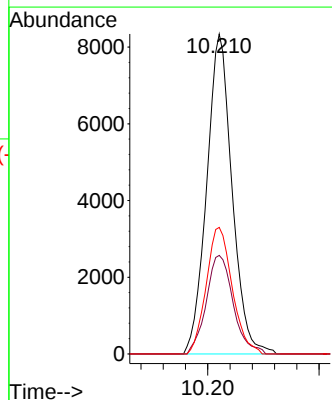
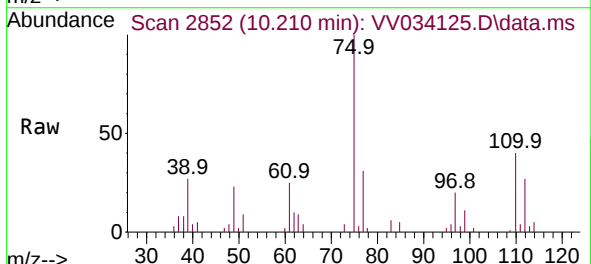
Instrument :
MSVOA_V
ClientSampleId :

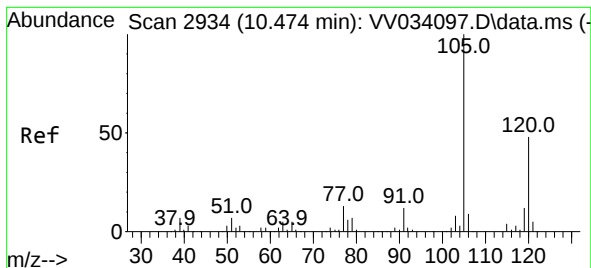
Tgt Ion:105 Resp: 149180
Ion Ratio Lower Upper
105 100
120 26.9 20.7 31.1
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.758 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

Tgt Ion: 75 Resp: 13171
Ion Ratio Lower Upper
75 100
77 32.7 26.9 40.3
110 40.6 33.3 49.9

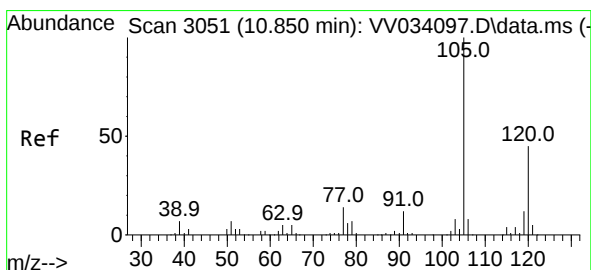
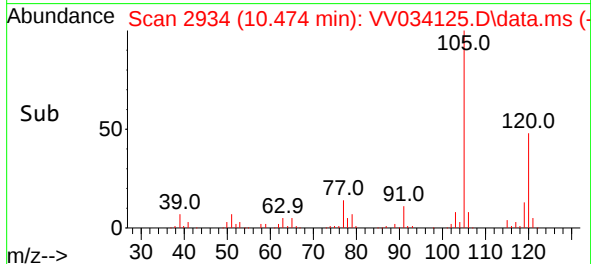
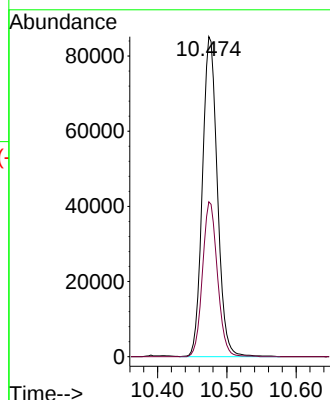
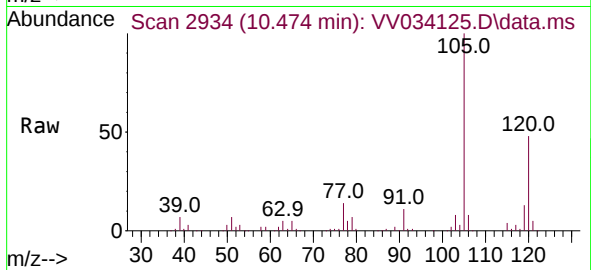




#62
1,3,5-Trimethylbenzene
Concen: 5.072 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

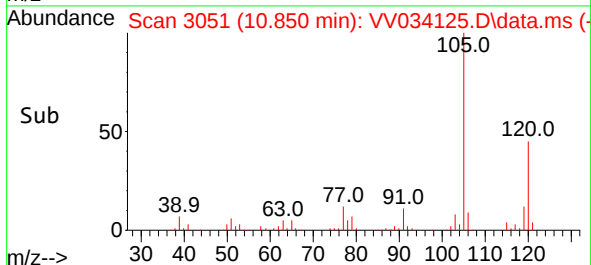
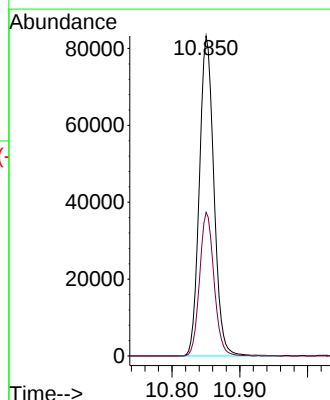
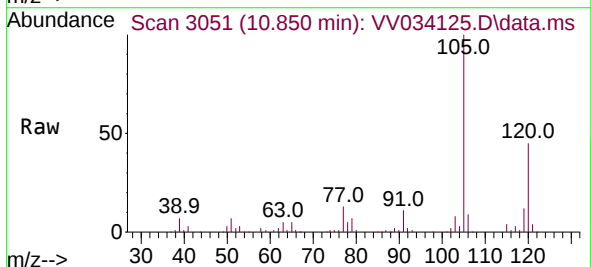
Instrument :
MSVOA_V
ClientSampleId :

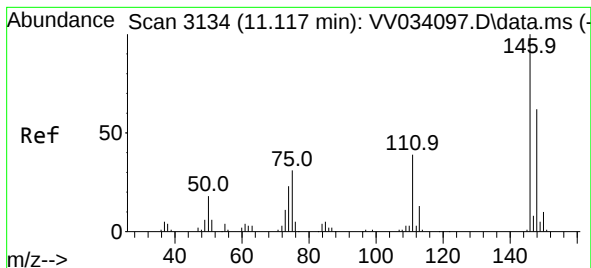
Tgt Ion:105 Resp: 127765
Ion Ratio Lower Upper
105 100
120 48.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.060 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

Tgt Ion:105 Resp: 123848
Ion Ratio Lower Upper
105 100
120 44.4 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.088 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

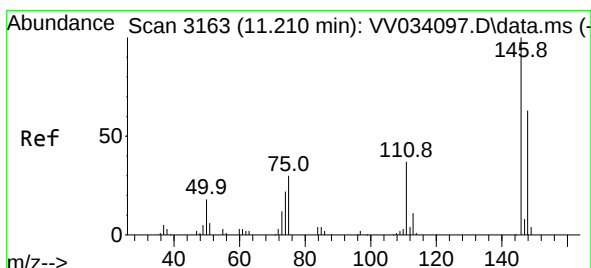
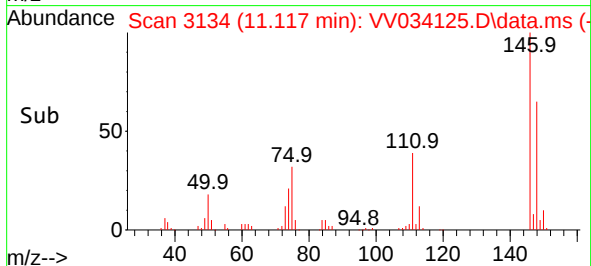
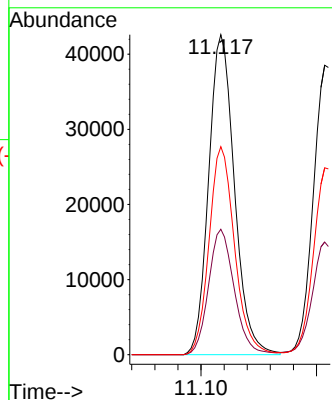
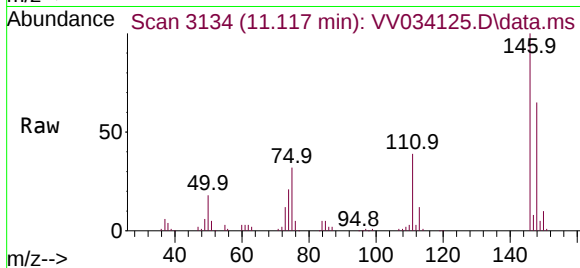
Tgt Ion:146 Resp: 66103

Ion Ratio Lower Upper

146 100

111 39.2 28.5 52.9

148 65.0 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 4.956 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

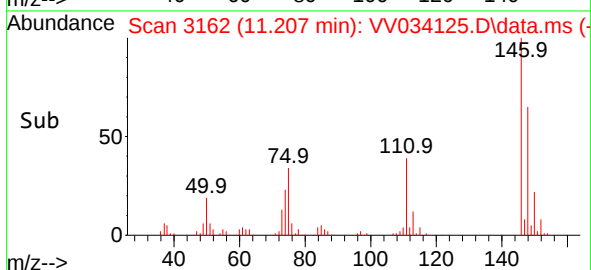
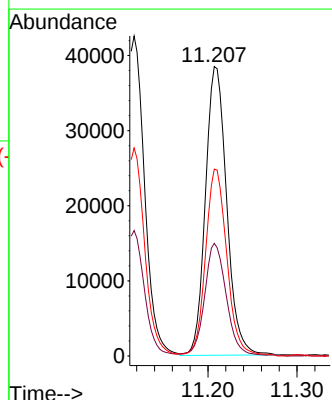
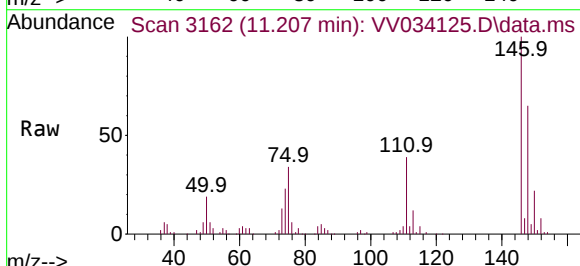
Tgt Ion:146 Resp: 63754

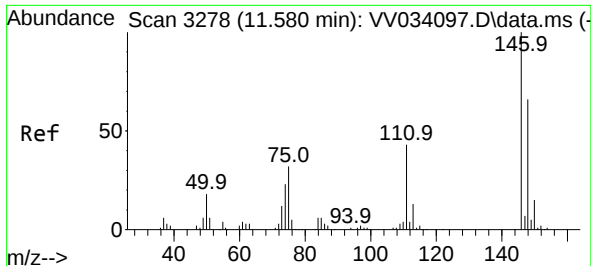
Ion Ratio Lower Upper

146 100

111 38.9 27.6 51.4

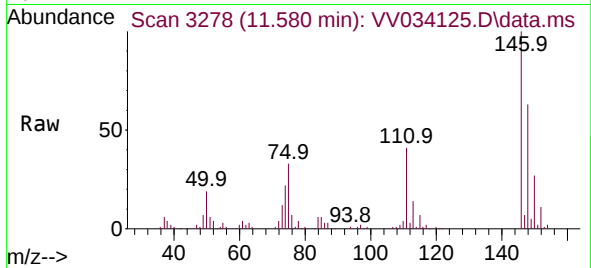
148 64.6 44.8 83.2



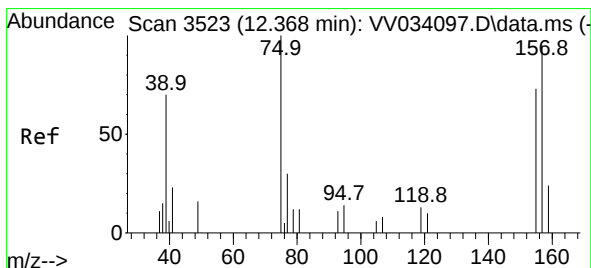
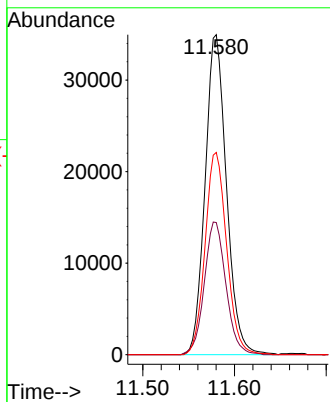
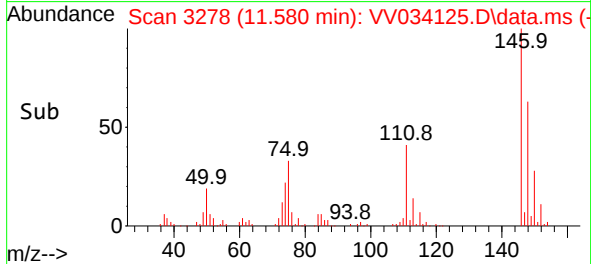


#67
1,2-Dichlorobenzene
Concen: 5.076 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

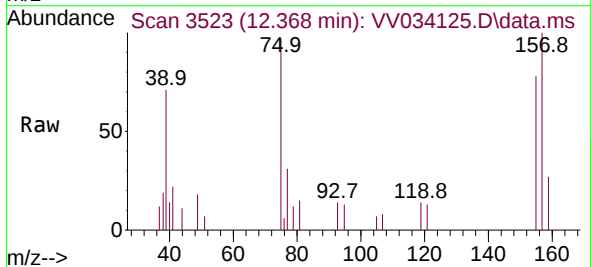
Instrument :
MSVOA_V
ClientSampleId :



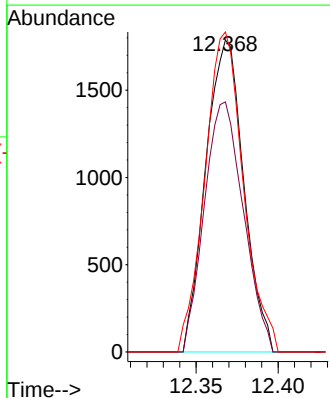
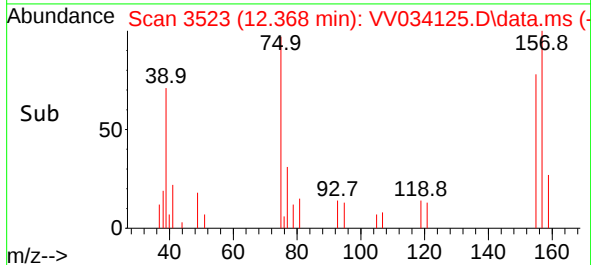
Tgt Ion:146 Resp: 56635
Ion Ratio Lower Upper
146 100
111 41.3 31.2 46.8
148 63.2 49.8 74.8

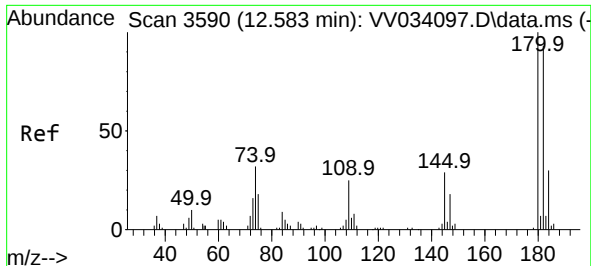


#68
1,2-Dibromo-3-chloropropane
Concen: 4.959 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57



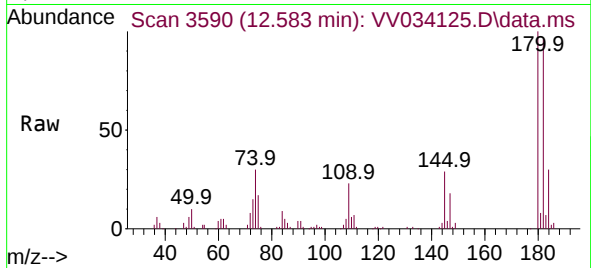
Tgt Ion: 75 Resp: 2877
Ion Ratio Lower Upper
75 100
155 80.1 68.9 103.3
157 102.6 84.6 127.0



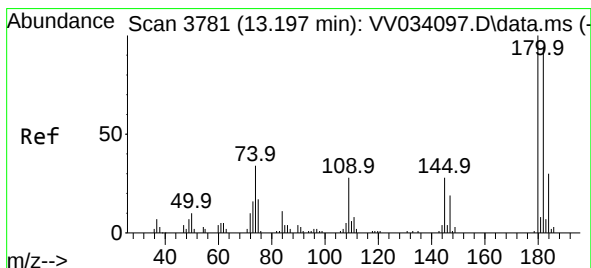
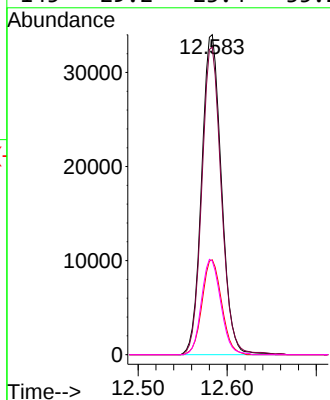
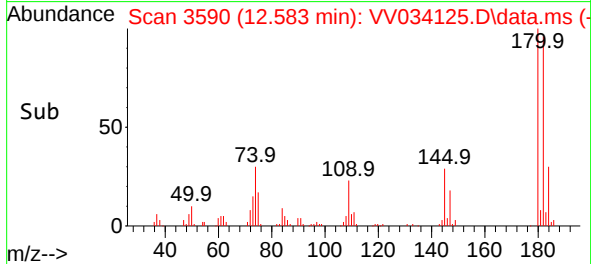


#69
1,3,5-Trichlorobenzene
Concen: 5.208 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57

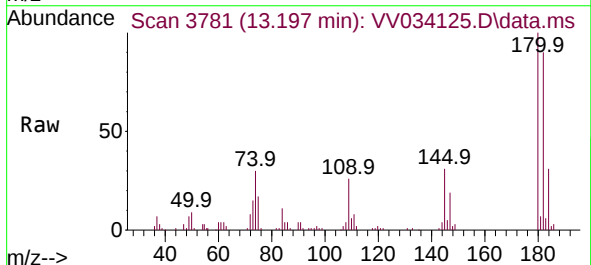
Instrument :
MSVOA_V
ClientSampleId :



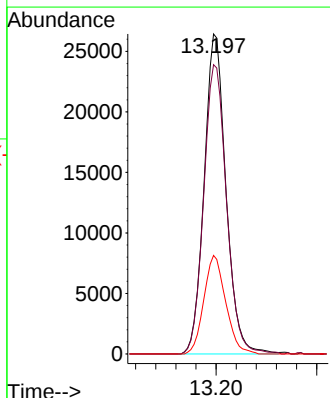
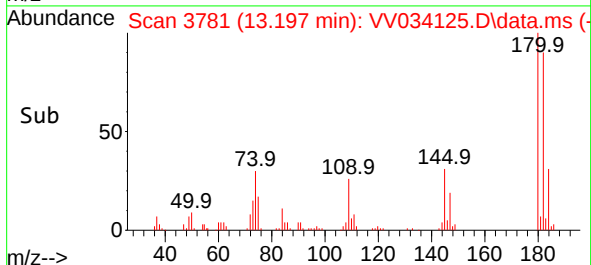
Tgt Ion:180 Resp: 52359
Ion Ratio Lower Upper
180 100
182 95.0 77.0 115.4
184 29.3 23.8 35.6
145 29.2 23.4 35.2

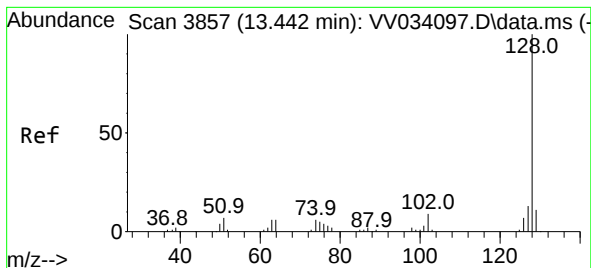


#70
1,2,4-trichlorobenzene
Concen: 5.086 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV034125.D
Acq: 12 Feb 2024 08:57



Tgt Ion:180 Resp: 39917
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 30.7 24.8 37.2





#71

Naphthalene

Concen: 4.836 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

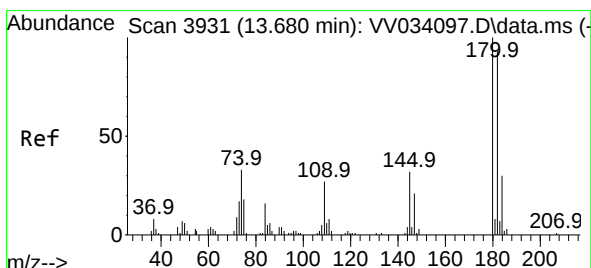
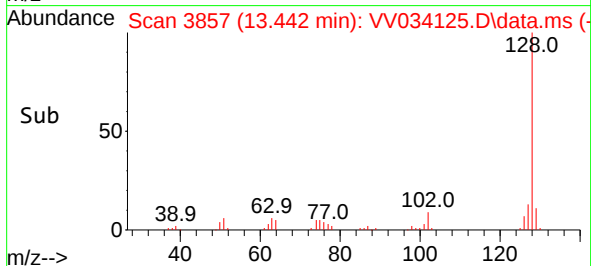
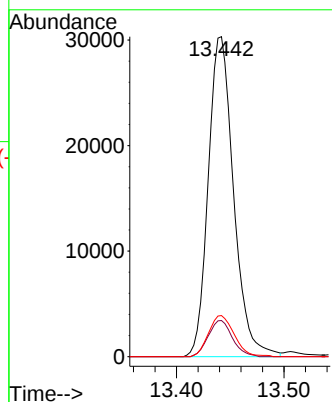
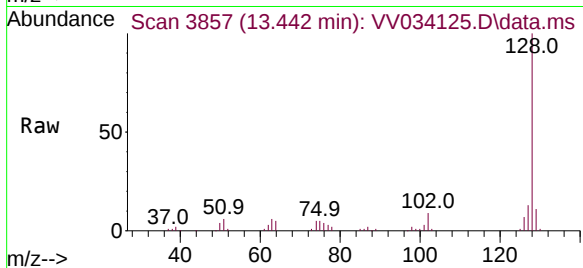
Tgt Ion:128 Resp: 49741

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.021 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034125.D

Acq: 12 Feb 2024 08:57

Tgt Ion:180 Resp: 31577

Ion Ratio Lower Upper

180 100

182 96.8 75.0 112.6

145 32.3 25.2 37.8

