

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034358.D
 Acq On : 22 Feb 2024 19:45
 Operator : SY/MD
 Sample : P1526-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10A5MSD

Quant Time: Feb 23 01:20:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	76180	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36062	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17138	2.905	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.000%
7) Chloroethane-d5	1.536	69	17957	3.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.060	65	9388	3.299	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	3.809	46	58431	58.969	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.940%
24) Chloroform-d	4.252	84	51056	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.947	65	25286	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	4.963	84	87049	4.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	5.989	67	25370	4.244	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.243	98	79001	4.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.558	79	9311	4.125	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.027	63	44724	55.507	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.020%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19604	5.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	30397	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	27742	3.974	ug/L	98
3) Chloromethane	1.217	50	34710	4.558	ug/L	99
5) Vinyl chloride	1.285	62	32585	4.478	ug/L	93
6) Bromomethane	1.491	94	13106	3.420	ug/L	98
8) Chloroethane	1.552	64	22357	4.504	ug/L	94
9) Trichlorofluoromethane	1.716	101	55630	5.305	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27712	5.056	ug/L	97
12) 1,1-Dichloroethene	2.069	96	27906	5.244	ug/L	92
13) Acetone	2.137	43	43016	57.223	ug/L #	38
14) Carbon disulfide	2.240	76	79840	4.637	ug/L	100
15) Methyl Acetate	2.391	43	9339	5.249	ug/L	98
16) Methylene chloride	2.449	84	28264	5.535	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	62253	5.693	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	28213	5.205	ug/L	97
19) 1,1-Dichloroethane	3.114	63	53360	5.357	ug/L	96
21) 2-Butanone	3.889	43	51561	51.904	ug/L #	48
22) cis-1,2-Dichloroethene	3.818	96	30161	4.904	ug/L	99
23) Bromochloromethane	4.156	128	12121	5.669	ug/L	90
25) Chloroform	4.278	83	54544	5.417	ug/L	98

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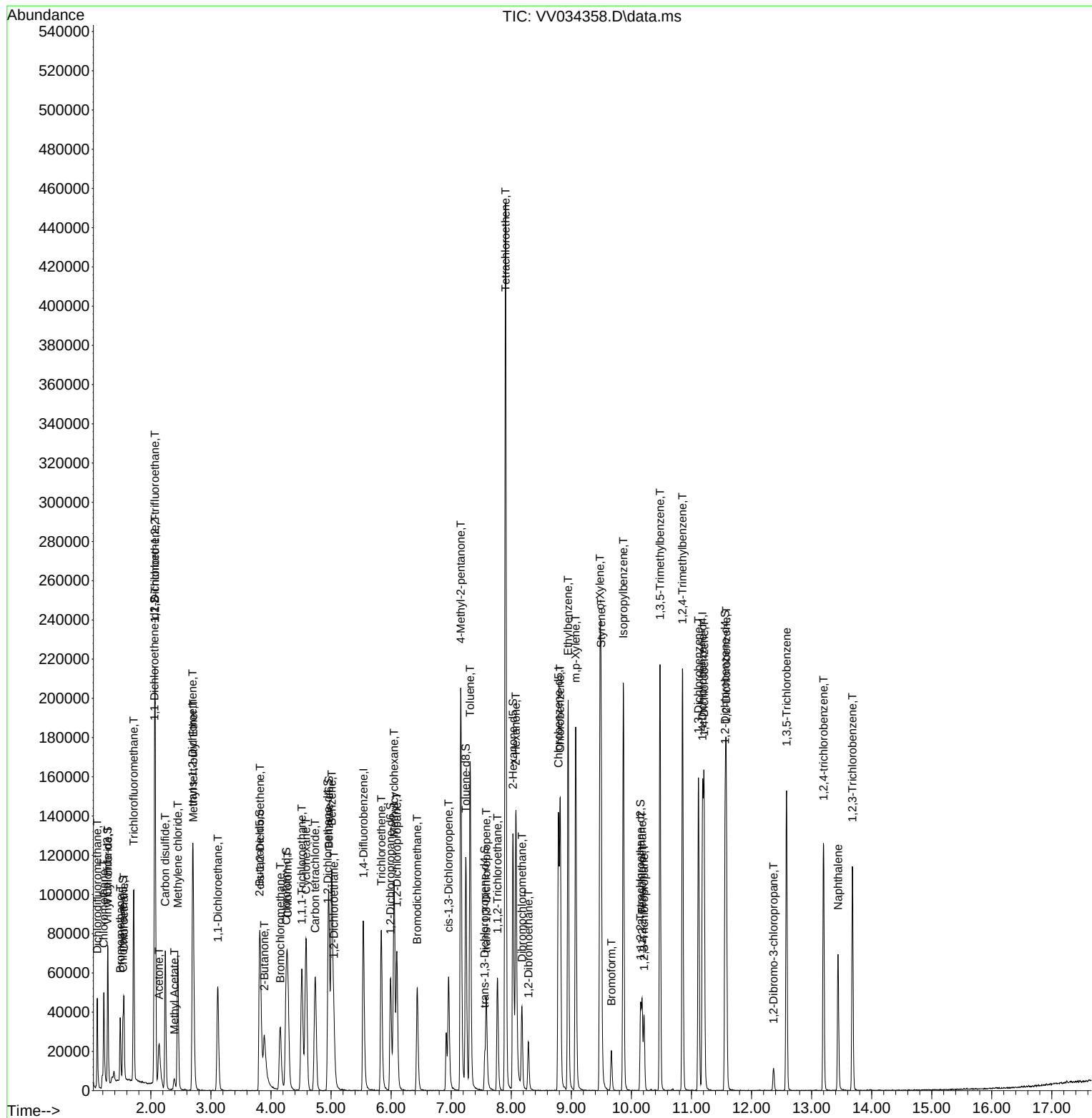
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	31709	5.500	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	51635	5.396	ug/L	99
30) Cyclohexane	4.584	56	41860	4.498	ug/L	95
31) Carbon tetrachloride	4.735	117	44928	5.366	ug/L	98
33) Benzene	5.011	78	110799	5.183	ug/L	100
34) Trichloroethene	5.838	95	29461	4.762	ug/L	96
35) Methylcyclohexane	6.050	83	44681	4.601	ug/L	97
37) 1,2-Dichloropropane	6.095	63	24108	4.656	ug/L	98
38) Bromodichloromethane	6.432	83	35510	5.224	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	34788	4.415	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	139148	56.115	ug/L	99
42) Toluene	7.317	91	121368	5.312	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	28077	4.641	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	17488	5.469	ug/L	97
47) Tetrachloroethene	7.905	164	95788	19.054	ug/L	96
48) 2-Hexanone	8.079	43	97539	55.803	ug/L	98
49) Dibromochloromethane	8.178	129	20502	5.396	ug/L	97
50) 1,2-Dibromoethane	8.288	107	15948	5.557	ug/L	100
51) Chlorobenzene	8.815	112	77298	5.351	ug/L	97
52) Ethylbenzene	8.947	91	136182	5.178	ug/L	100
53) m,p-Xylene	9.072	106	50096	5.041	ug/L	100
54) o-Xylene	9.477	106	50953	5.317	ug/L	97
55) Styrene	9.497	104	79919	5.208	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	20050	5.941	ug/L	97
59) Bromoform	9.667	173	8705	4.382	ug/L	98
60) Isopropylbenzene	9.866	105	128116	4.801	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	14370	5.796	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	114399	5.071	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	112365	5.126	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	61679	5.301	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	58651	5.091	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	55621	5.566	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	2917	5.614	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	43978	4.884	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	36301	5.165	ug/L	100
71) Naphthalene	13.442	128	54375	5.904	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	31721	5.632	ug/L	98

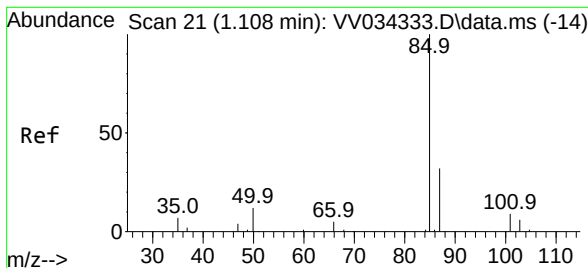
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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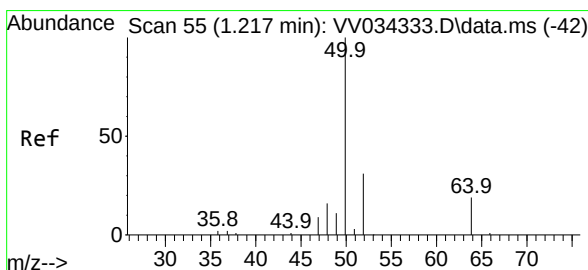
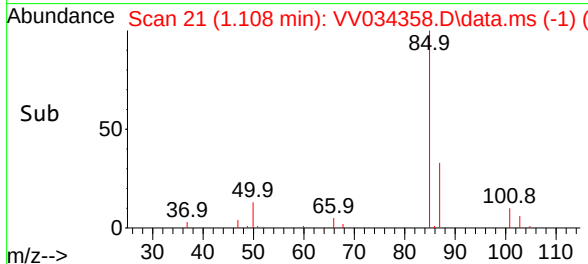
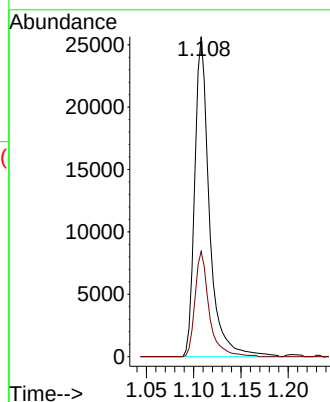
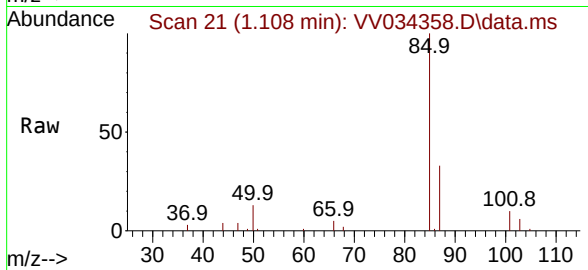




#2
Dichlorodifluoromethane
Concen: 3.974 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

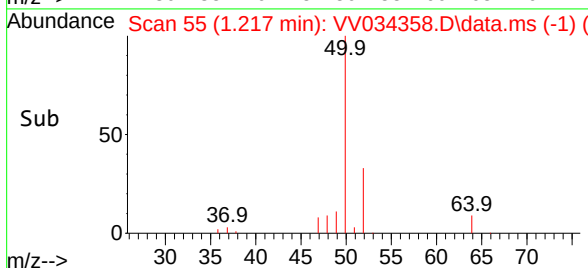
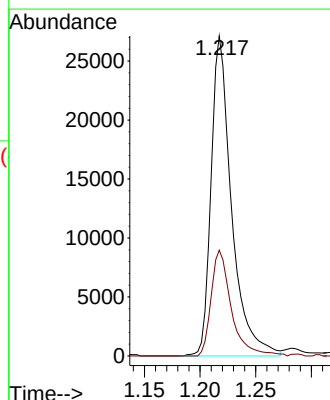
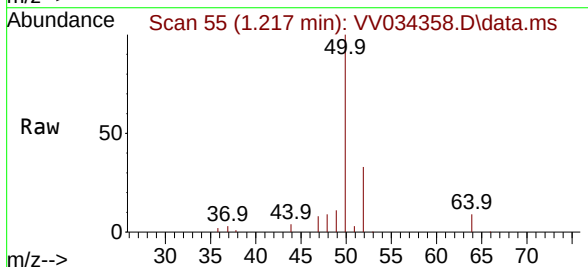
Instrument :
MSVOA_V
ClientSampleId :
E10A5MSD

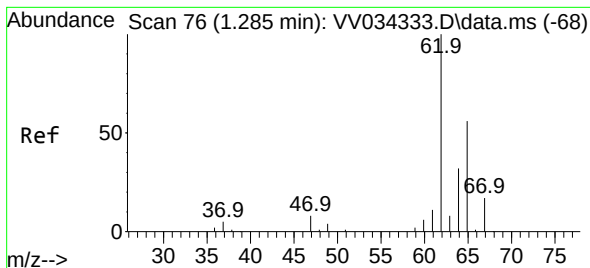
Tgt Ion: 85 Resp: 27742
Ion Ratio Lower Upper
85 100
87 31.7 26.2 39.4



#3
Chloromethane
Concen: 4.558 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 50 Resp: 34710
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.4





#5

Vinyl chloride

Concen: 4.478 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

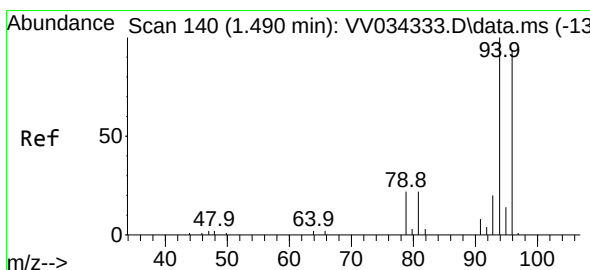
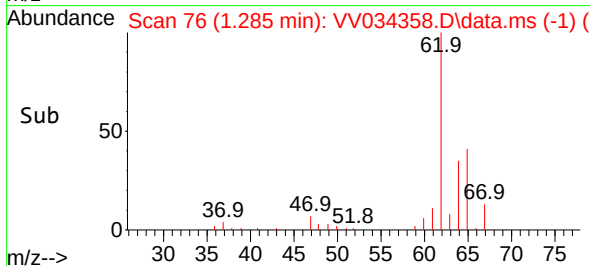
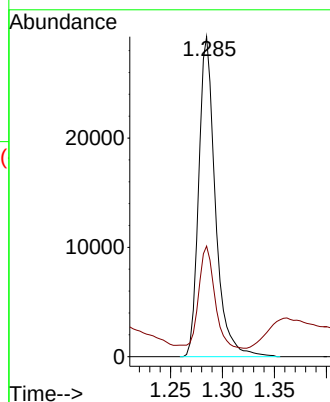
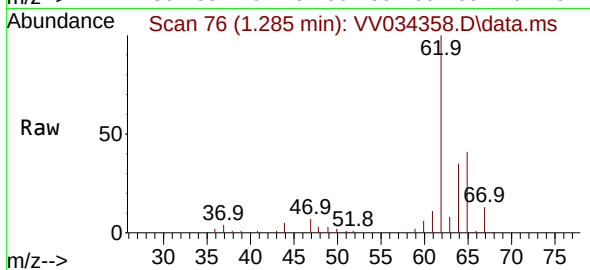
E10A5MSD

Tgt Ion: 62 Resp: 32585

Ion Ratio Lower Upper

62 100

64 34.5 27.2 50.4



#6

Bromomethane

Concen: 3.420 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV034358.D

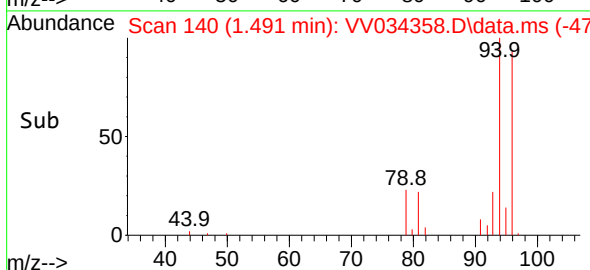
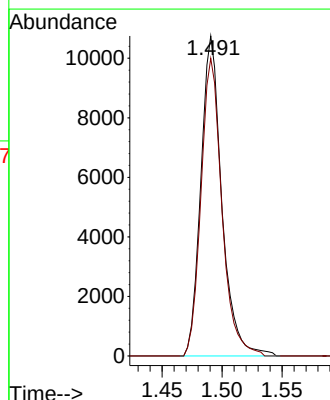
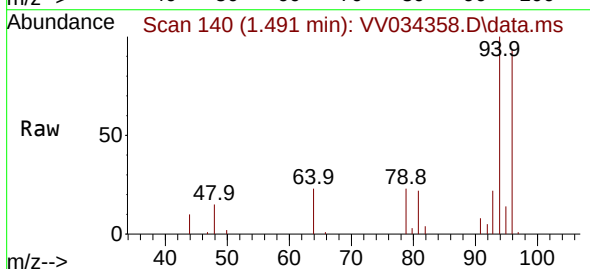
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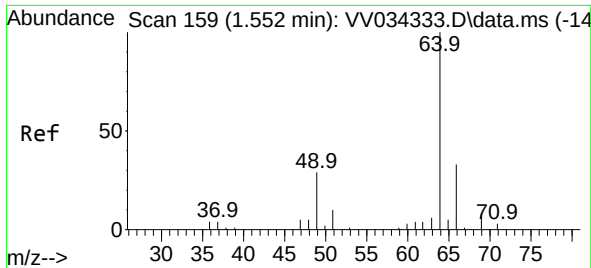
Tgt Ion: 94 Resp: 13106

Ion Ratio Lower Upper

94 100

96 93.0 66.6 123.8

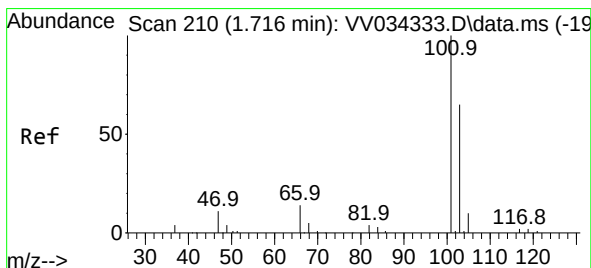
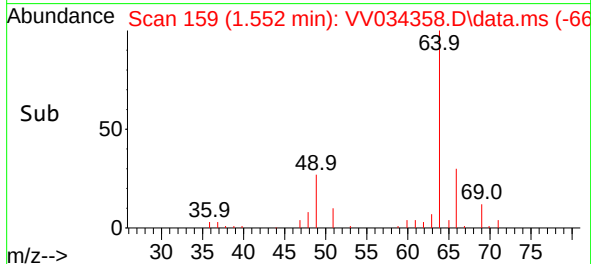
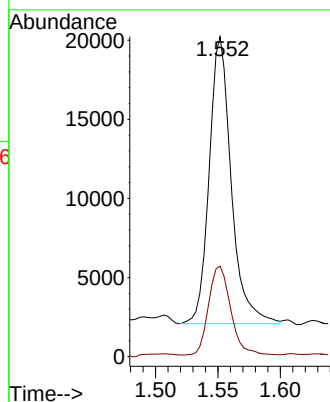
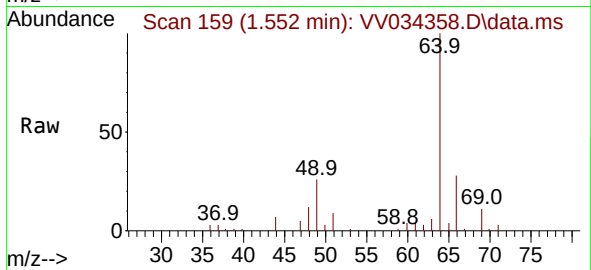




#8
Chloroethane
Concen: 4.504 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

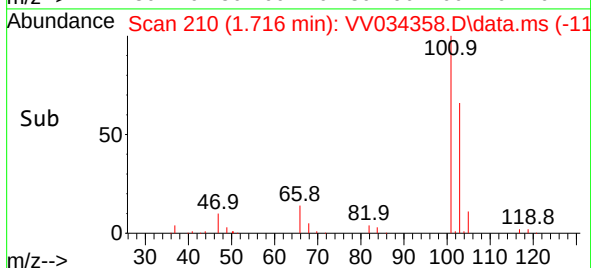
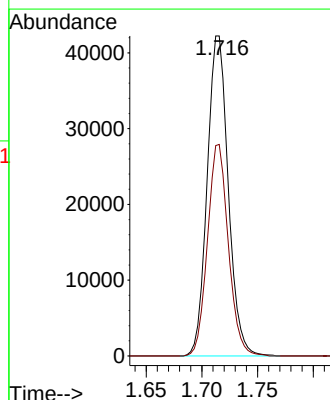
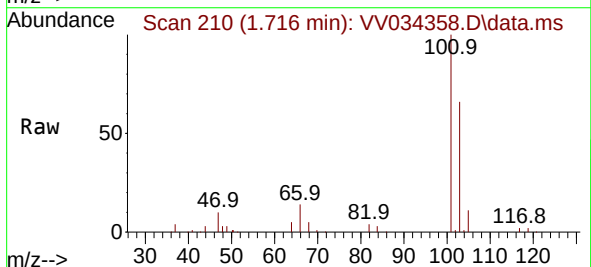
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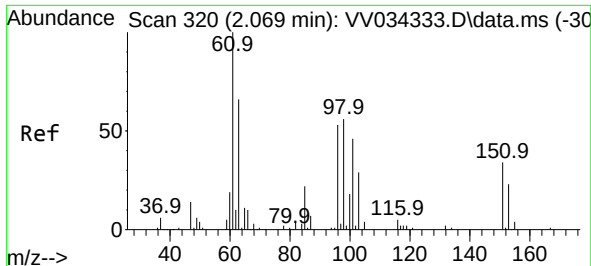
Tgt Ion: 64 Resp: 22357
Ion Ratio Lower Upper
64 100
66 28.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.305 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Tgt Ion:101 Resp: 55630
Ion Ratio Lower Upper
101 100
103 65.4 51.0 76.4





#10

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

Concen: 5.056 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

E10A5MSD

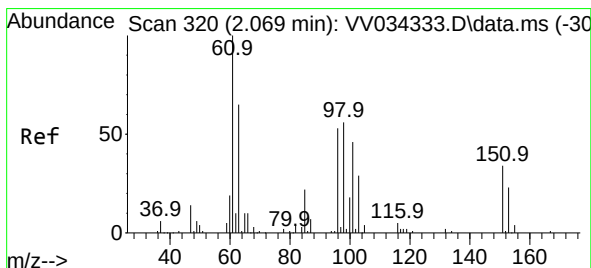
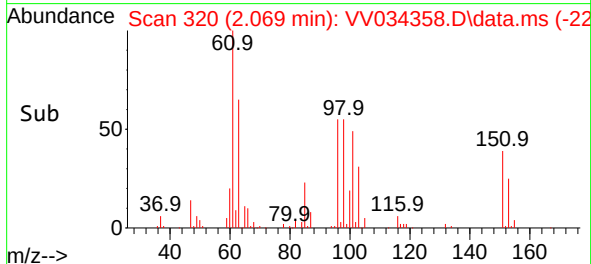
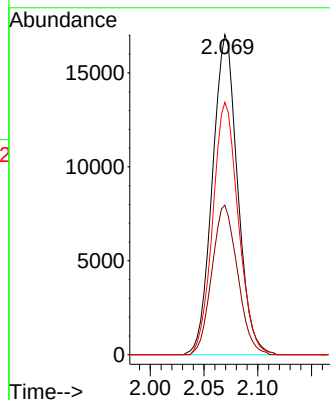
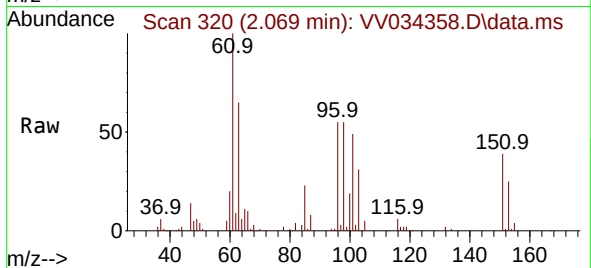
Tgt Ion:101 Resp: 27712

Ion Ratio Lower Upper

101 100

85 47.6 37.1 55.7

151 80.1 61.7 92.5



#12

1,1-Dichloroethene

Concen: 5.244 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

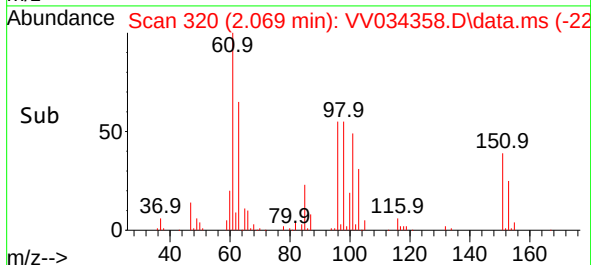
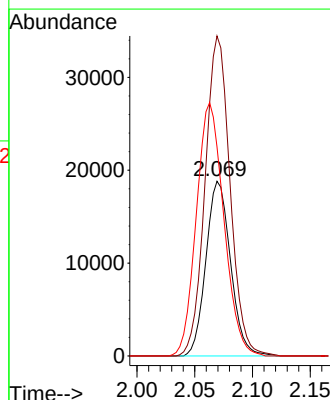
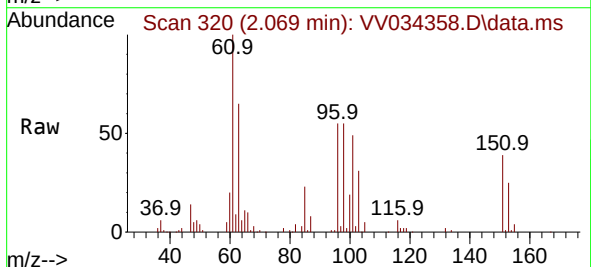
Tgt Ion: 96 Resp: 27906

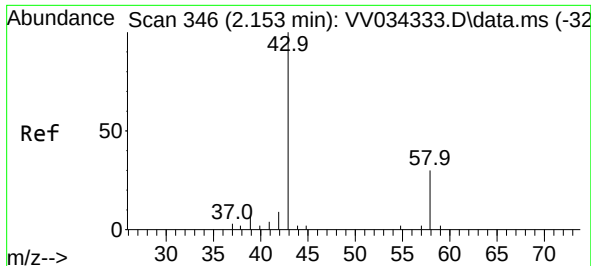
Ion Ratio Lower Upper

96 100

61 183.2 128.8 239.2

63 119.7 97.9 181.9





#13

Acetone

Concen: 57.223 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.016 min

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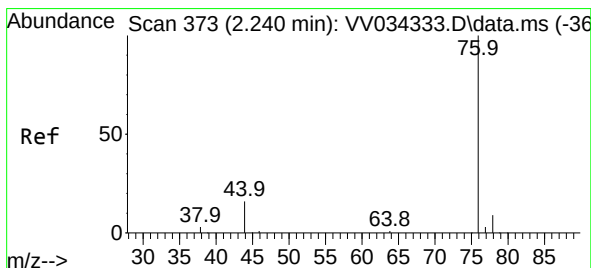
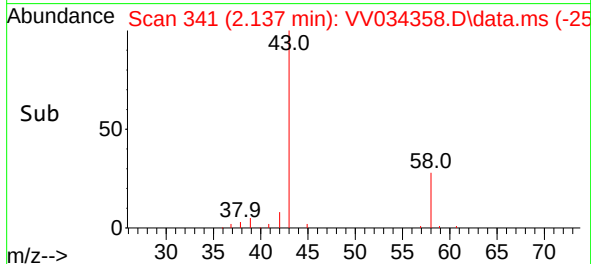
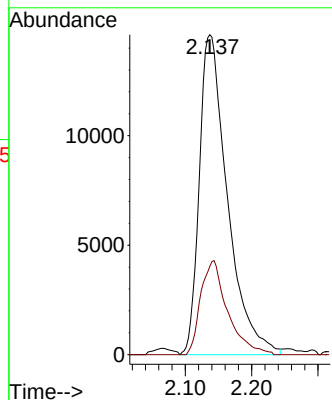
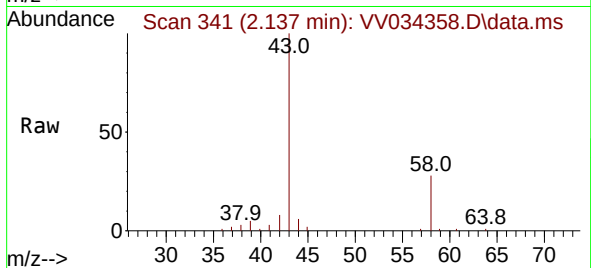
E10A5MSD

Tgt Ion: 43 Resp: 43016

Ion Ratio Lower Upper

43 100

58 28.2 0.0 13.8#



#14

Carbon disulfide

Concen: 4.637 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

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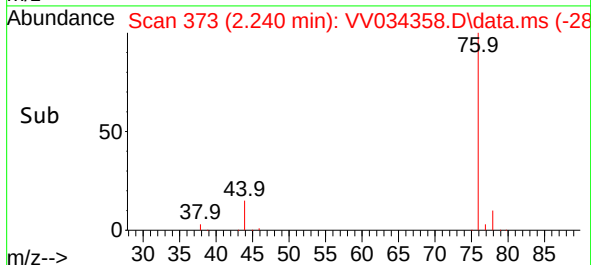
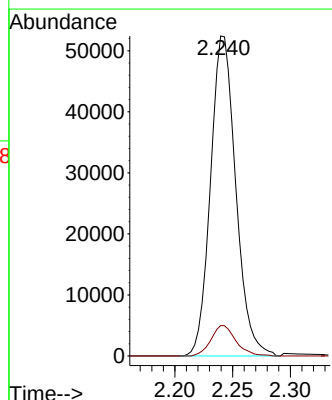
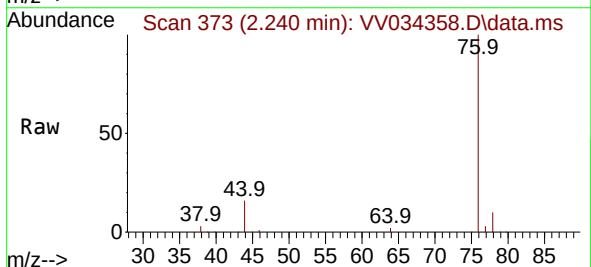
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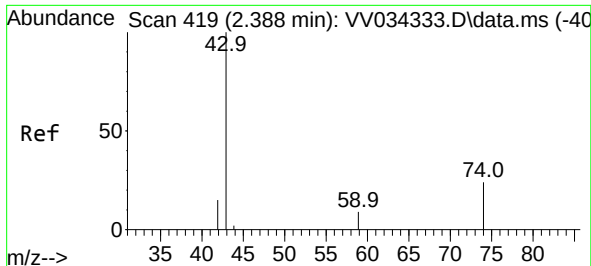
Tgt Ion: 76 Resp: 79840

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

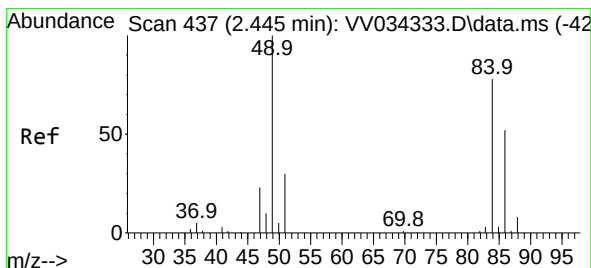
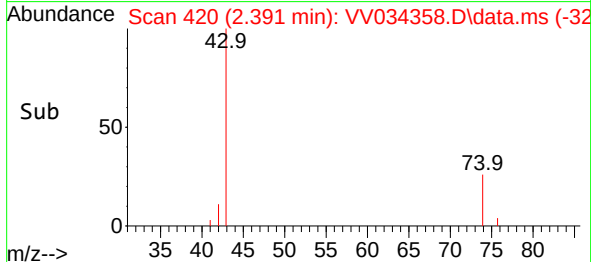
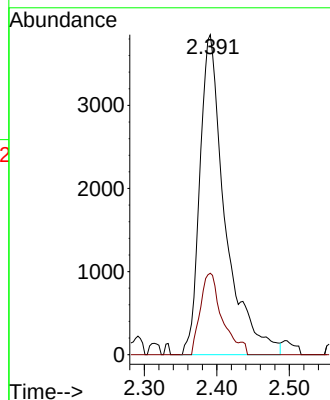
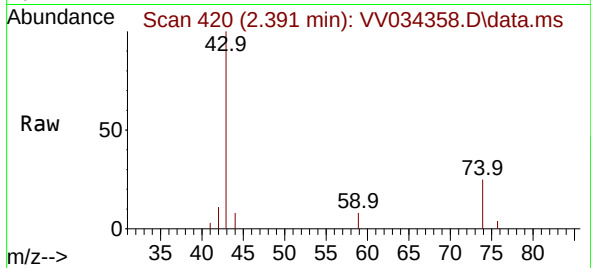




#15
Methyl Acetate
Concen: 5.249 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

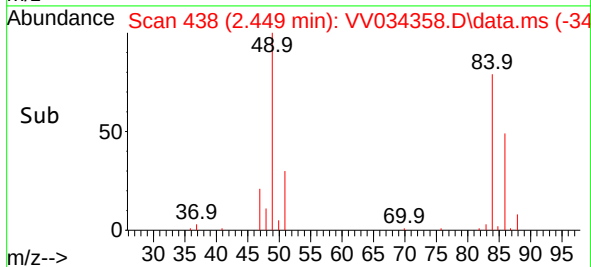
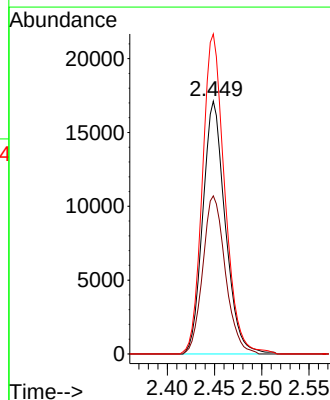
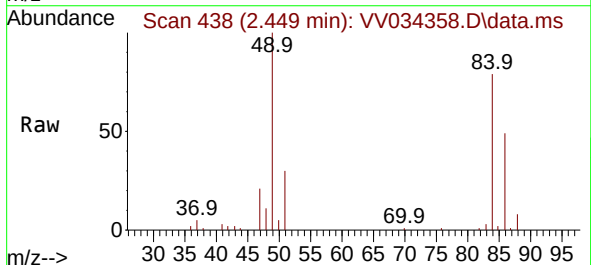
Instrument :
MSVOA_V
ClientSampleId :
E10A5MSD

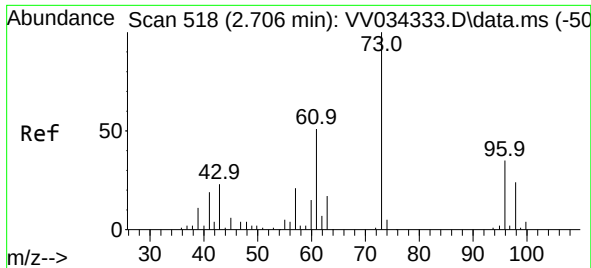
Tgt Ion: 43 Resp: 9339
Ion Ratio Lower Upper
43 100
74 22.0 18.2 27.4



#16
Methylene chloride
Concen: 5.535 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 84 Resp: 28264
Ion Ratio Lower Upper
84 100
86 62.5 44.7 83.1
49 126.6 93.7 173.9

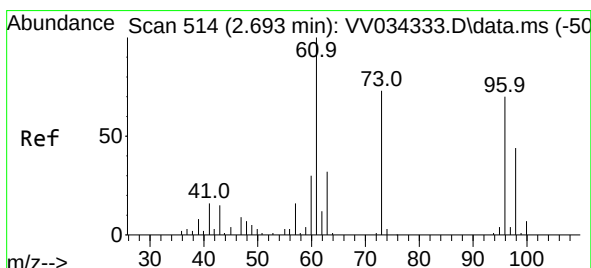
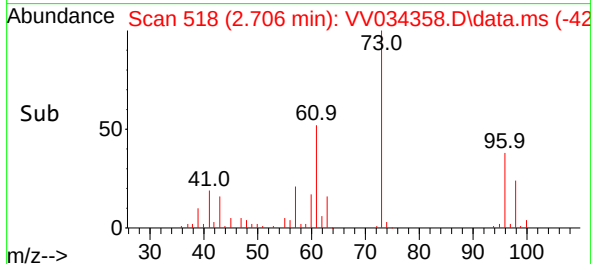
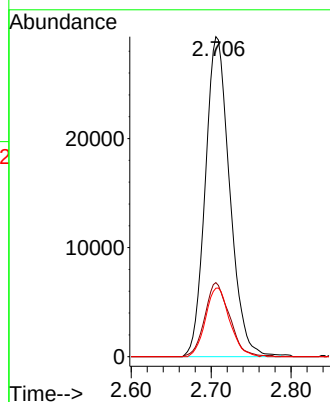
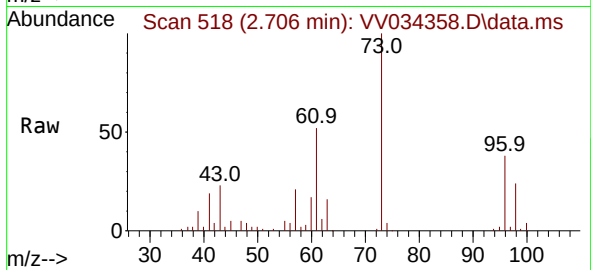




#17
Methyl tert-butyl Ether
Concen: 5.693 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

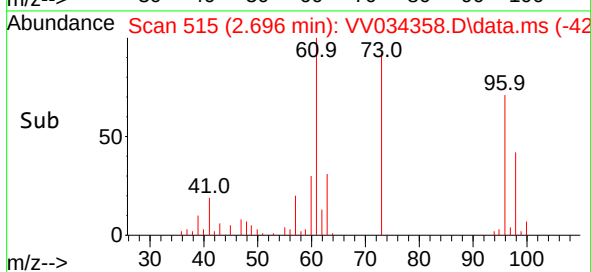
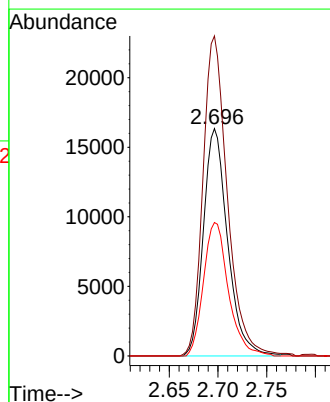
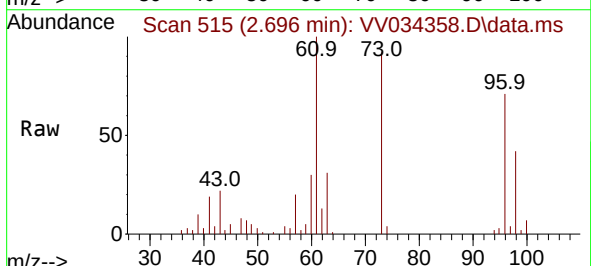
Instrument :
MSVOA_V
ClientSampleId :
E10A5MSD

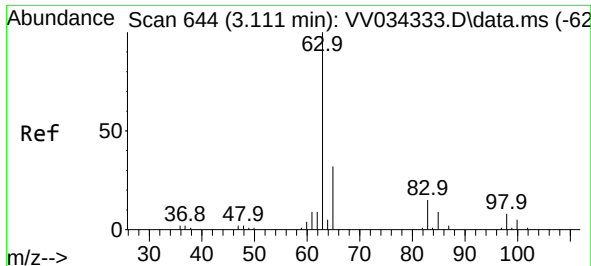
Tgt Ion: 73 Resp: 62253
Ion Ratio Lower Upper
73 100
43 23.5 17.7 26.5
57 21.2 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.205 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 96 Resp: 28213
Ion Ratio Lower Upper
96 100
61 140.8 97.6 181.4
98 58.7 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.357 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

E10A5MSD

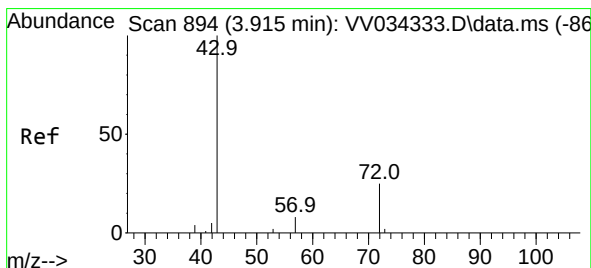
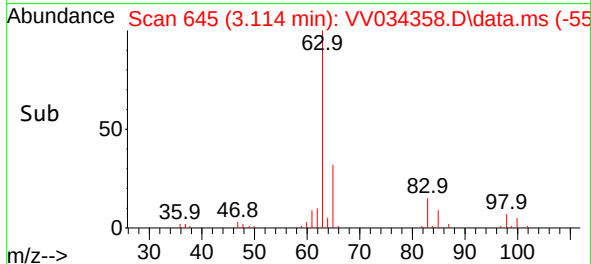
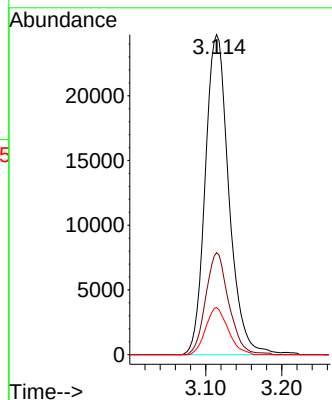
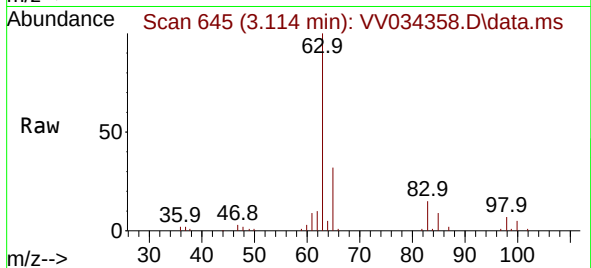
Tgt Ion: 63 Resp: 53360

Ion Ratio Lower Upper

63 100

65 31.9 20.8 38.6

83 14.7 9.4 17.4



#21

2-Butanone

Concen: 51.904 ug/L

RT: 3.889 min Scan# 886

Delta R.T. -0.026 min

Lab File: VV034358.D

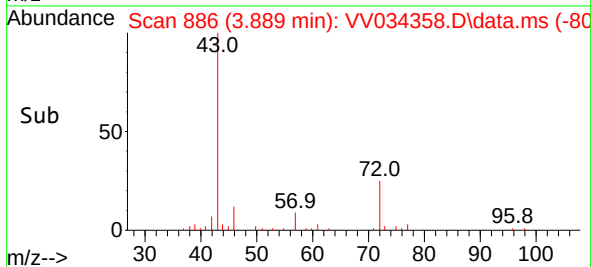
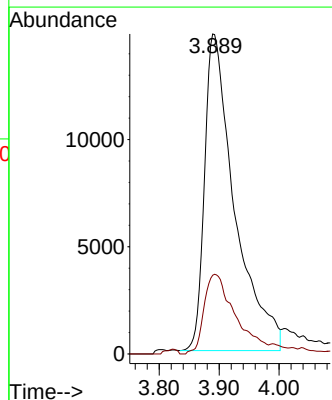
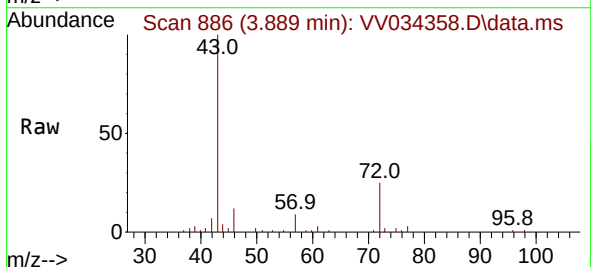
Acq: 22 Feb 2024 19:45

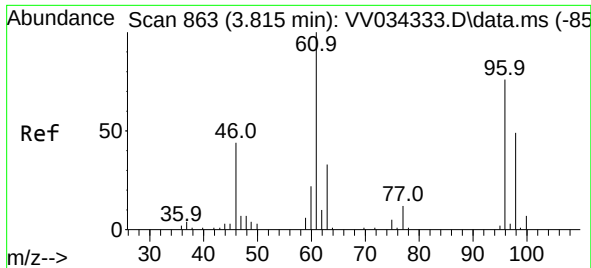
Tgt Ion: 43 Resp: 51561

Ion Ratio Lower Upper

43 100

72 26.2 4.0 11.9#

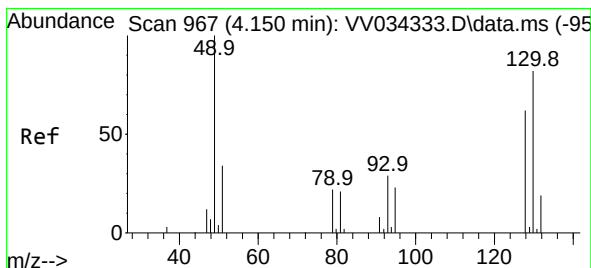
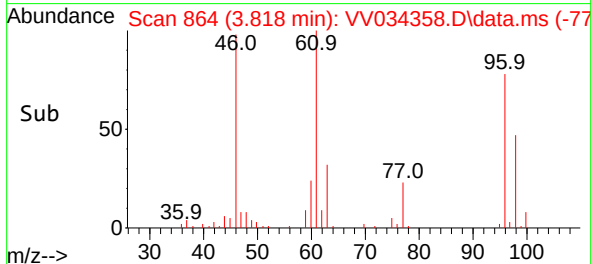
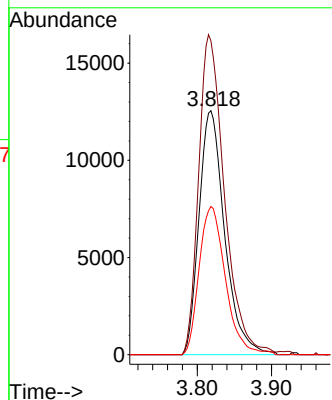
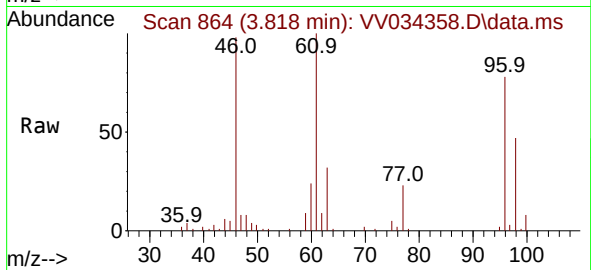




#22
 cis-1,2-Dichloroethene
 Concen: 4.904 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV034358.D
 Acq: 22 Feb 2024 19:45

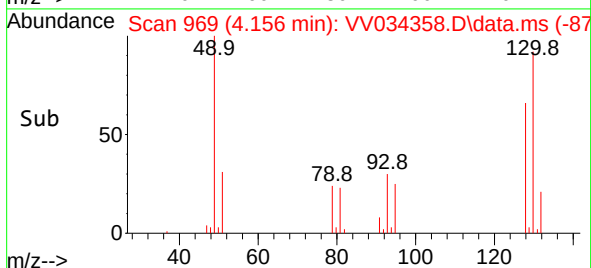
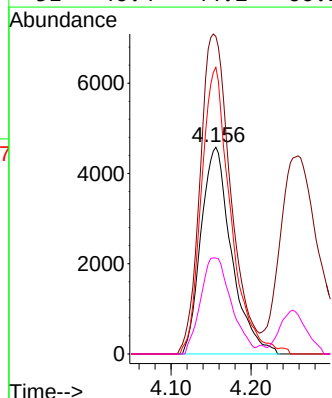
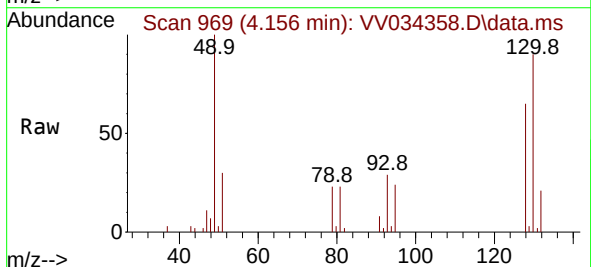
Instrument :
 MSVOA_V
 ClientSampleId :
 E10A5MSD

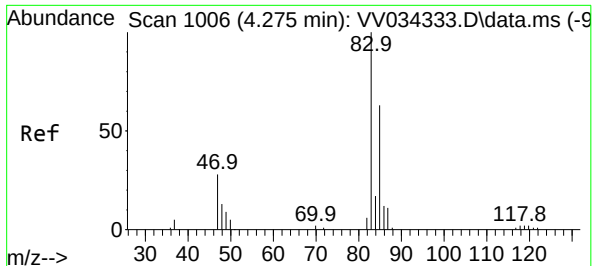
Tgt Ion: 96 Resp: 30161
 Ion Ratio Lower Upper
 96 100
 61 128.6 90.3 167.7
 98 60.7 43.2 80.2



#23
 Bromochloromethane
 Concen: 5.669 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.007 min
 Lab File: VV034358.D
 Acq: 22 Feb 2024 19:45

Tgt Ion: 128 Resp: 12121
 Ion Ratio Lower Upper
 128 100
 49 153.5 120.5 223.7
 130 138.6 93.4 173.4
 51 46.4 44.2 66.2





#25

Chloroform

Concen: 5.417 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

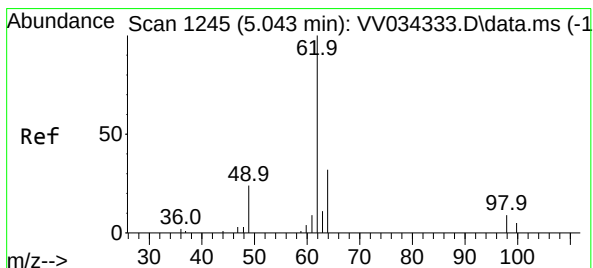
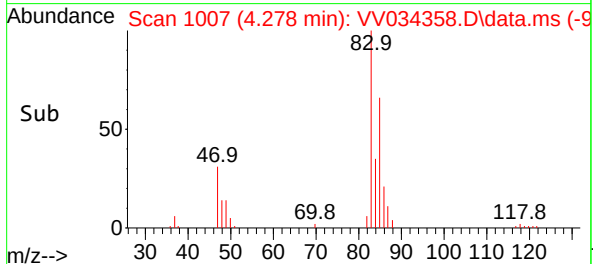
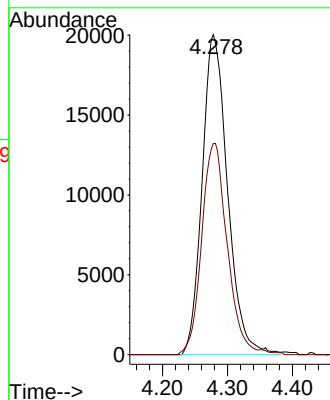
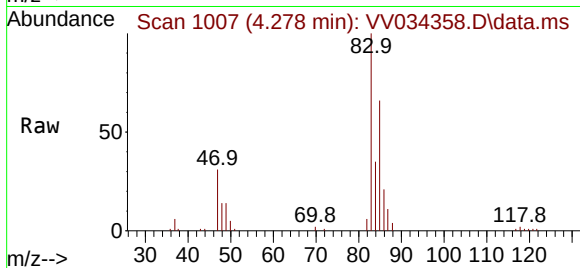
E10A5MSD

Tgt Ion: 83 Resp: 54544

Ion Ratio Lower Upper

83 100

85 66.0 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.500 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV034358.D

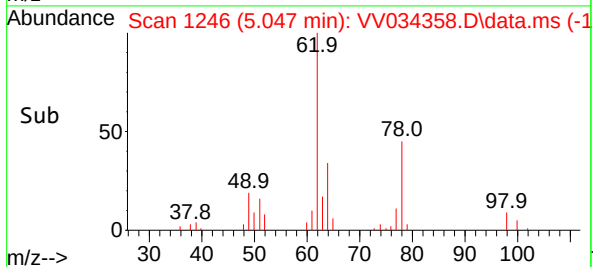
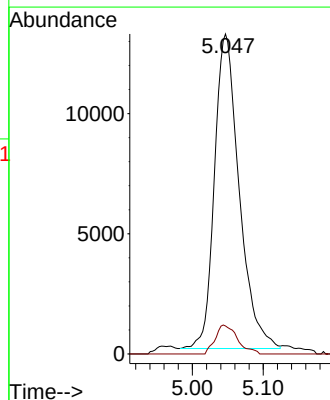
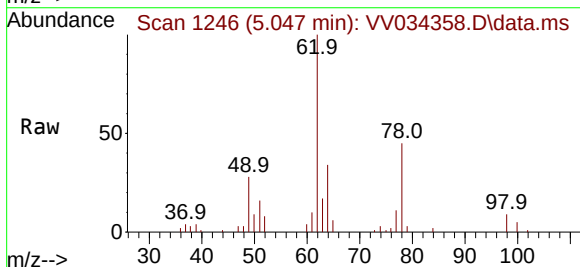
Acq: 22 Feb 2024 19:45

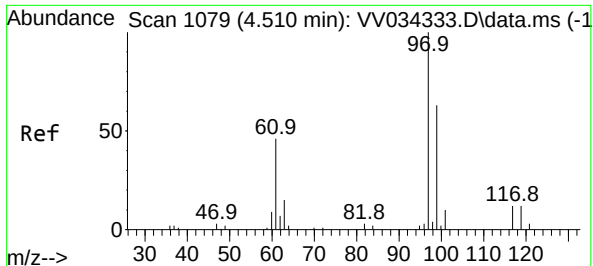
Tgt Ion: 62 Resp: 31709

Ion Ratio Lower Upper

62 100

98 8.8 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.396 ug/L

RT: 4.513 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

E10A5MSD

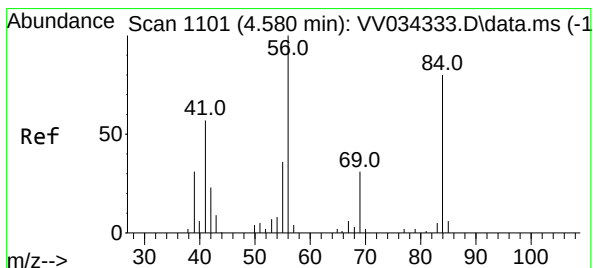
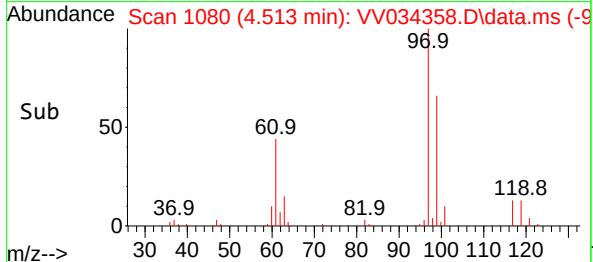
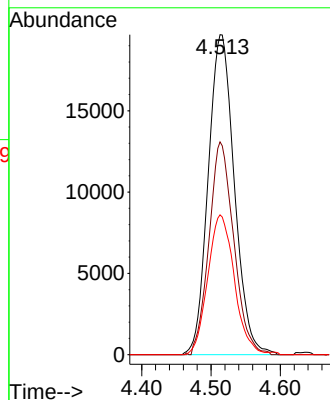
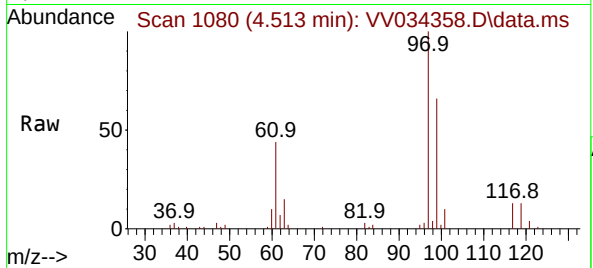
Tgt Ion: 97 Resp: 51635

Ion Ratio Lower Upper

97 100

99 63.0 50.6 75.8

61 44.3 36.8 55.2



#30

Cyclohexane

Concen: 4.498 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

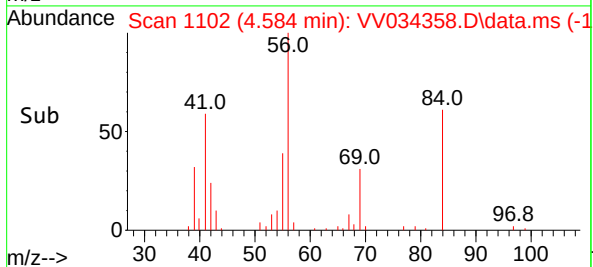
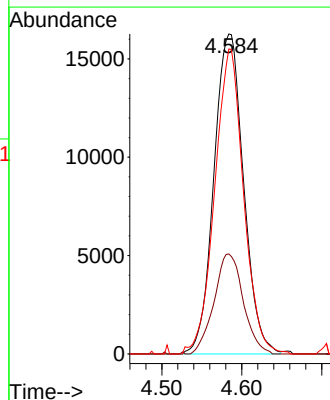
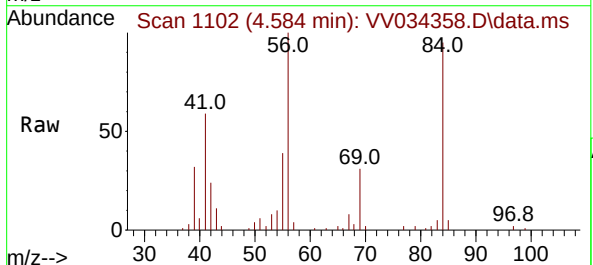
Tgt Ion: 56 Resp: 41860

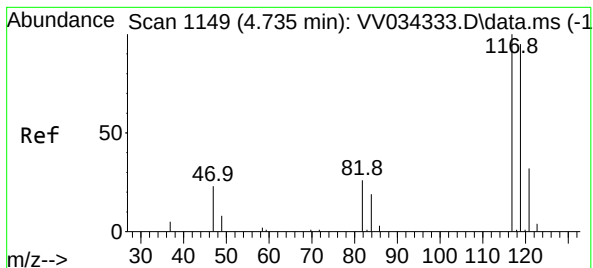
Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.2

84 92.9 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.366 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

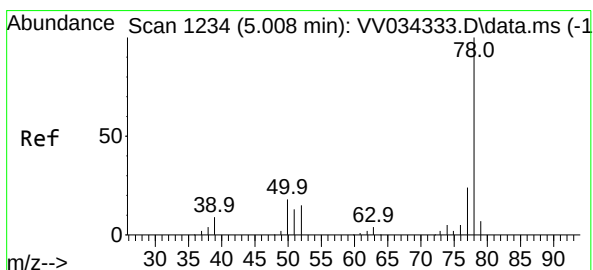
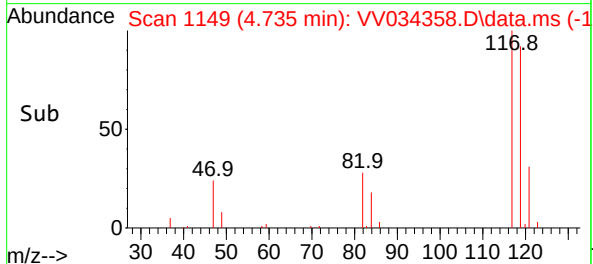
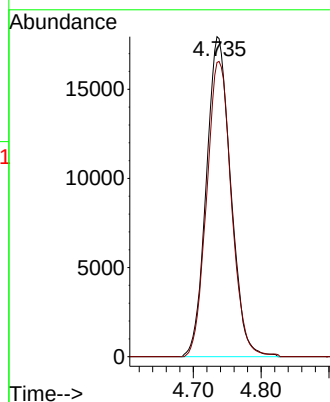
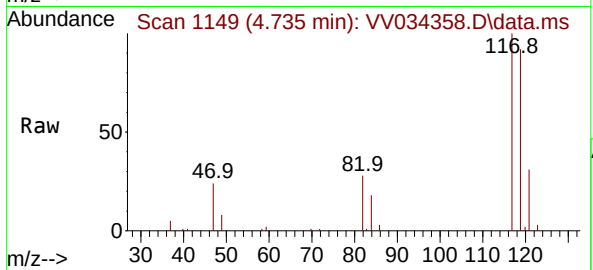
E10A5MSD

Tgt Ion:117 Resp: 44928

Ion Ratio Lower Upper

117 100

119 93.4 76.1 114.1



#33

Benzene

Concen: 5.183 ug/L

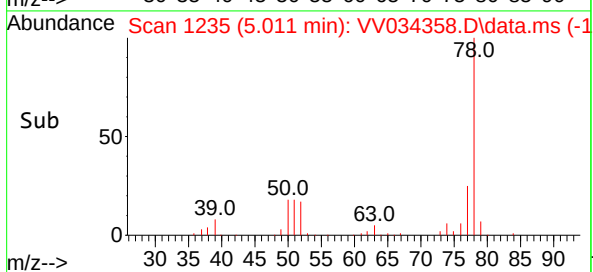
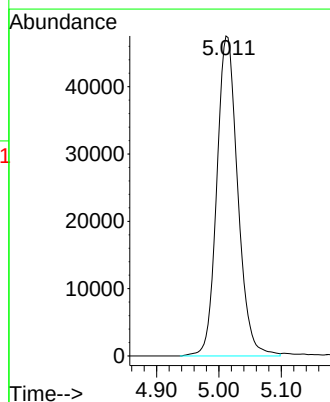
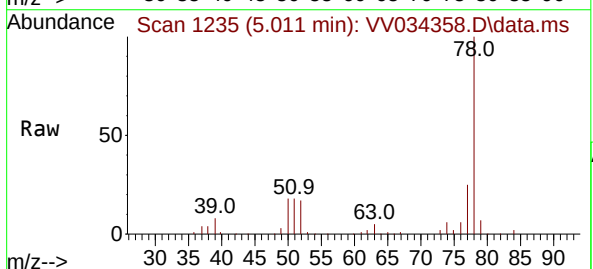
RT: 5.011 min Scan# 1235

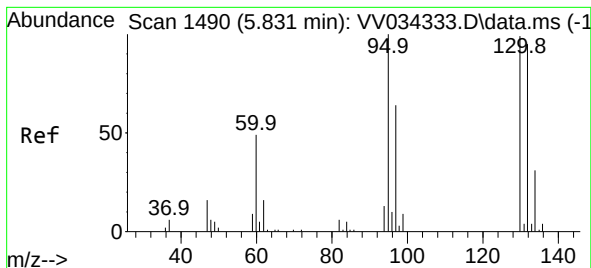
Delta R.T. 0.003 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Tgt Ion: 78 Resp: 110799





#34

Trichloroethene

Concen: 4.762 ug/L

RT: 5.838 min Scan# 1490

Delta R.T. 0.007 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

E10A5MSD

Tgt Ion: 95 Resp: 29461

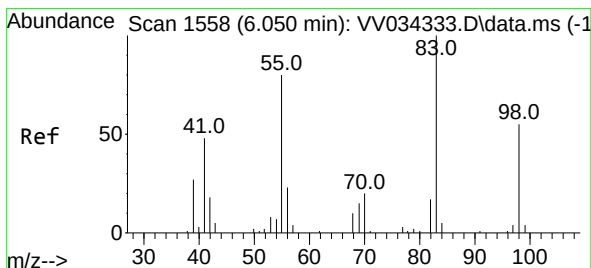
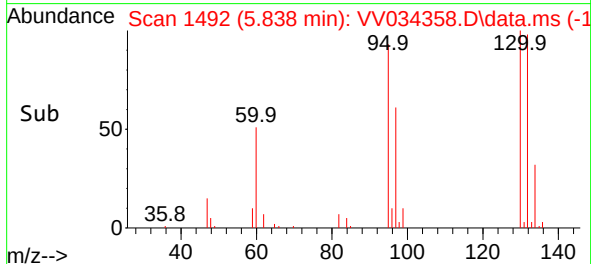
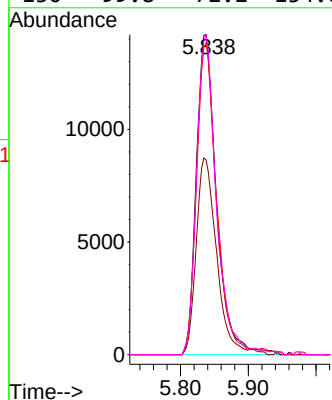
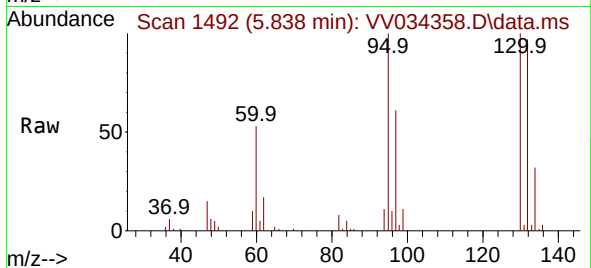
Ion Ratio Lower Upper

95 100

97 60.9 45.1 83.7

132 97.4 66.0 122.6

130 99.8 72.2 134.0



#35

Methylcyclohexane

Concen: 4.601 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

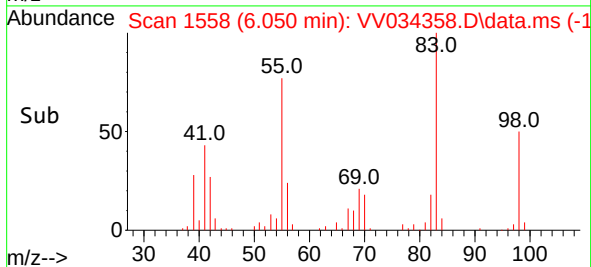
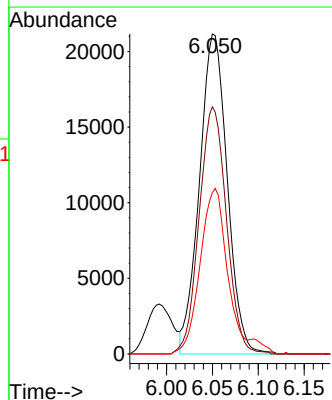
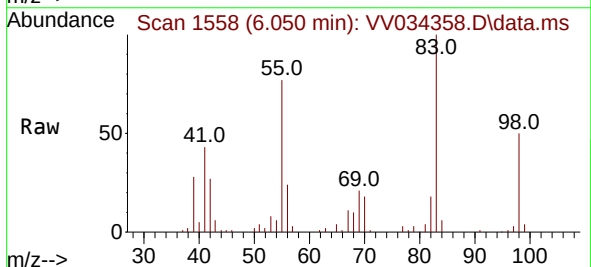
Tgt Ion: 83 Resp: 44681

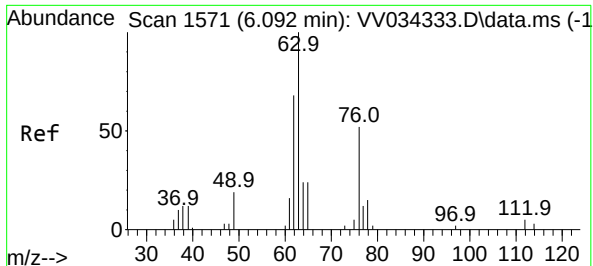
Ion Ratio Lower Upper

83 100

55 75.6 63.5 95.3

98 50.1 39.0 58.4

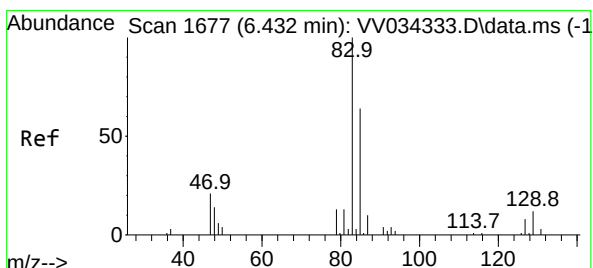
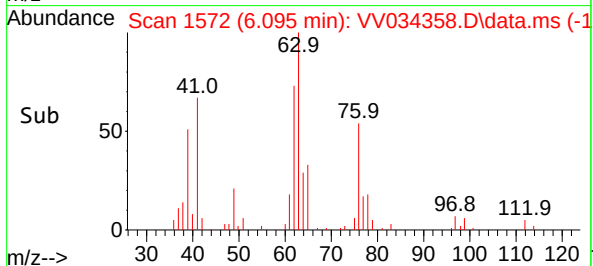
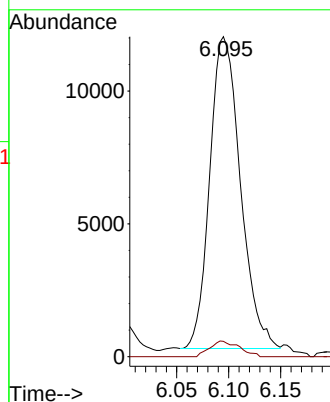
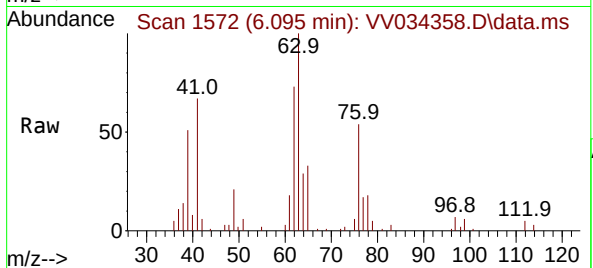




#37
1,2-Dichloropropane
Concen: 4.656 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

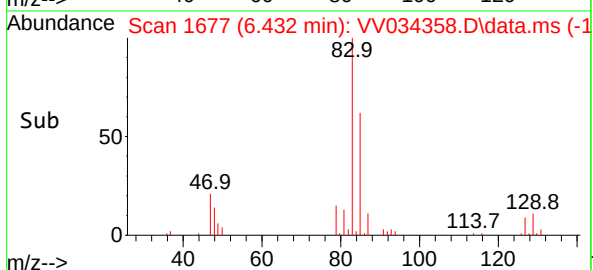
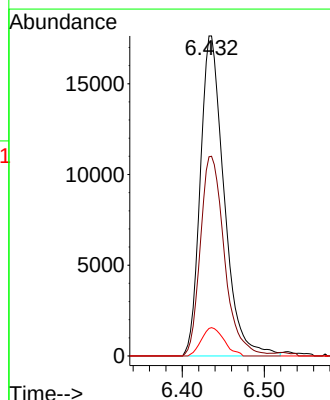
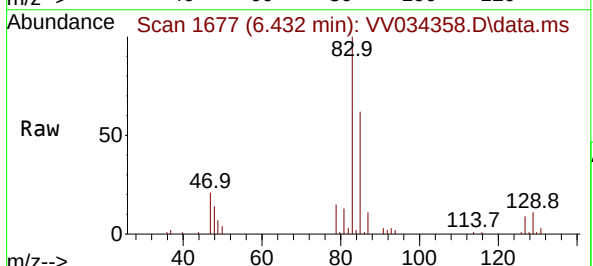
Instrument :
MSVOA_V
ClientSampleId :
E10A5MSD

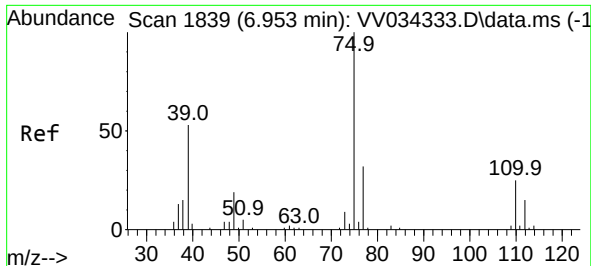
Tgt Ion: 63 Resp: 24108
Ion Ratio Lower Upper
63 100
112 4.8 3.4 5.0



#38
Bromodichloromethane
Concen: 5.224 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 83 Resp: 35510
Ion Ratio Lower Upper
83 100
85 62.2 45.4 84.2
127 8.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.415 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

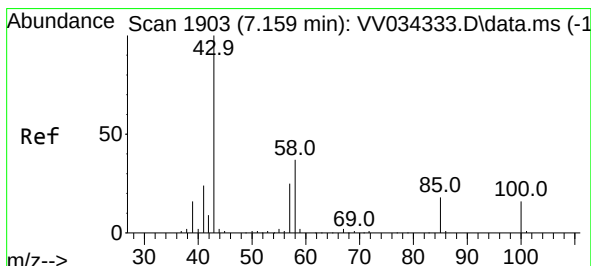
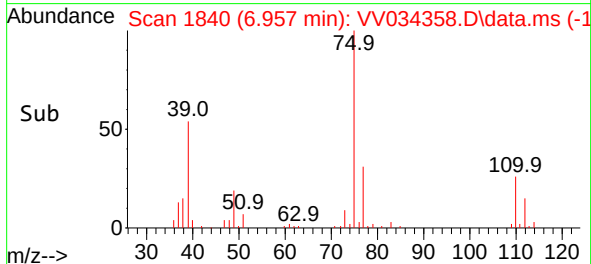
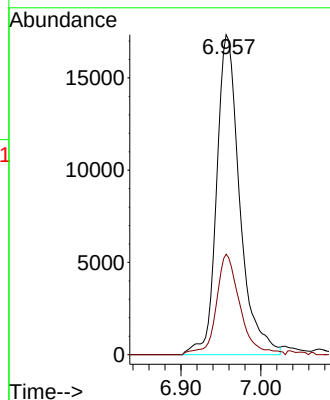
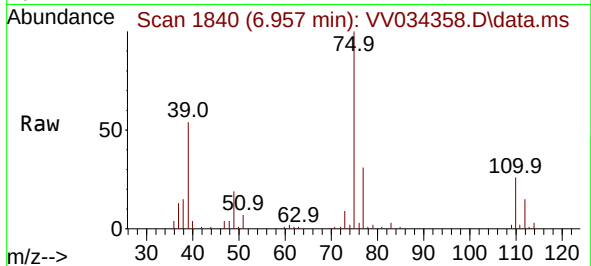
E10A5MSD

Tgt Ion: 75 Resp: 34788

Ion Ratio Lower Upper

75 100

77 31.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 56.115 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

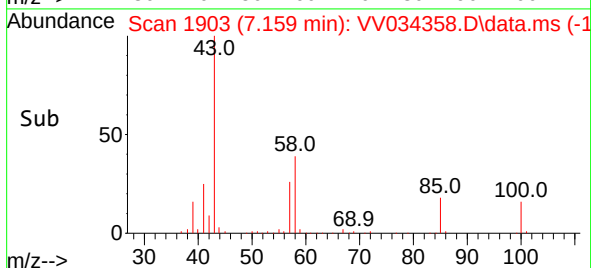
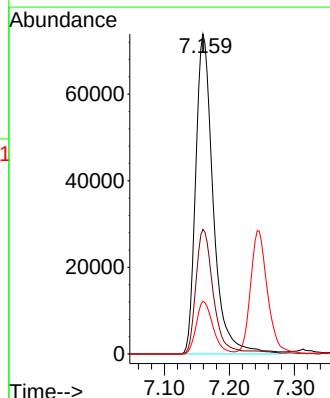
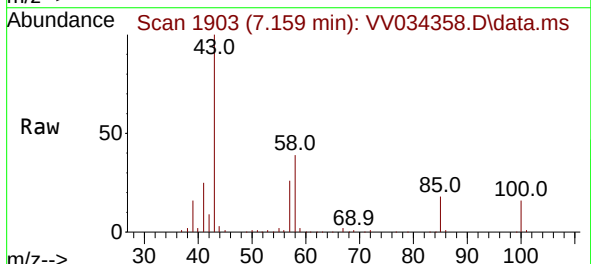
Tgt Ion: 43 Resp: 139148

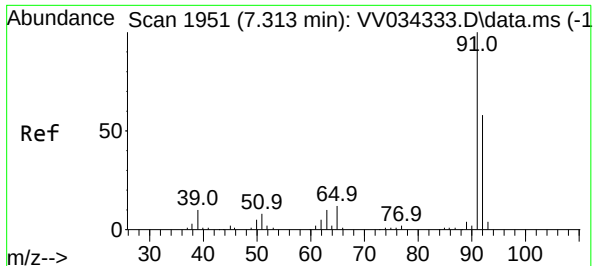
Ion Ratio Lower Upper

43 100

58 38.4 30.2 45.2

100 15.8 12.1 18.1





#42

Toluene

Concen: 5.312 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

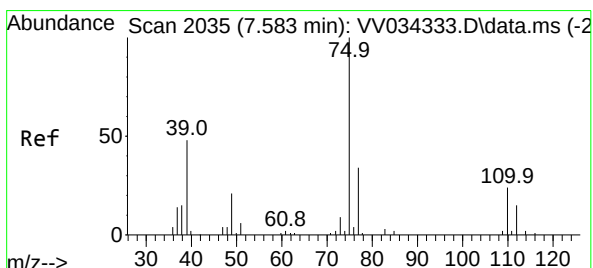
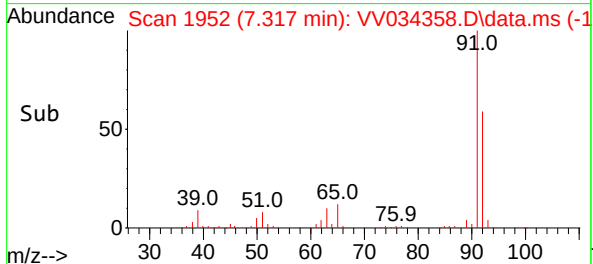
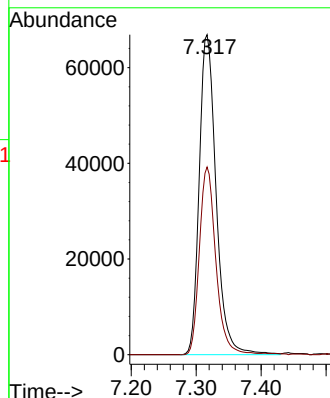
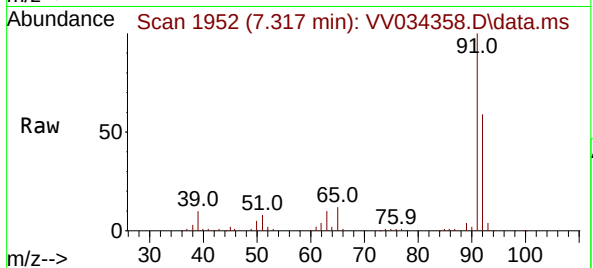
E10A5MSD

Tgt Ion: 91 Resp: 121368

Ion Ratio Lower Upper

91 100

92 58.7 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.641 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034358.D

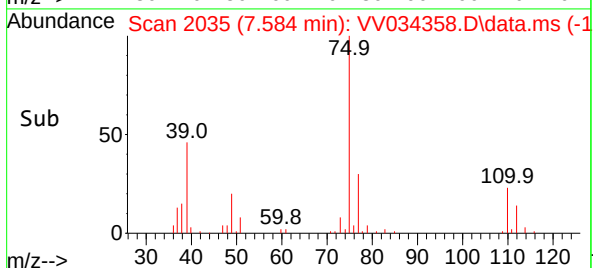
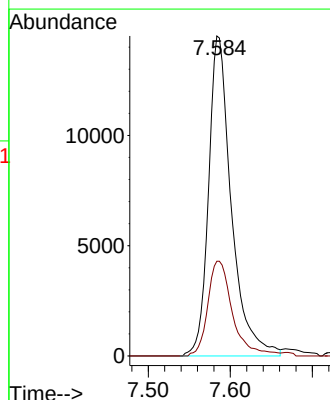
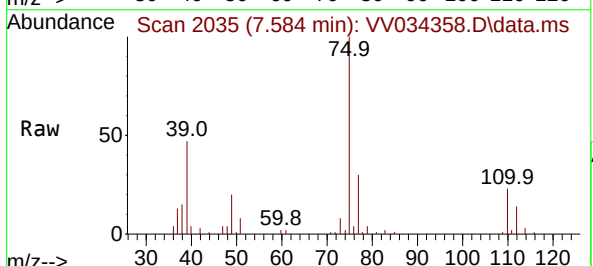
Acq: 22 Feb 2024 19:45

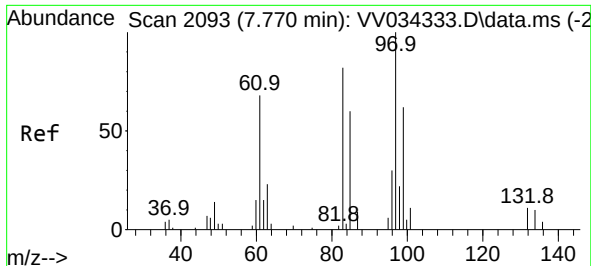
Tgt Ion: 75 Resp: 28077

Ion Ratio Lower Upper

75 100

77 29.6 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.469 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

E10A5MSD

Tgt Ion: 97 Resp: 17488

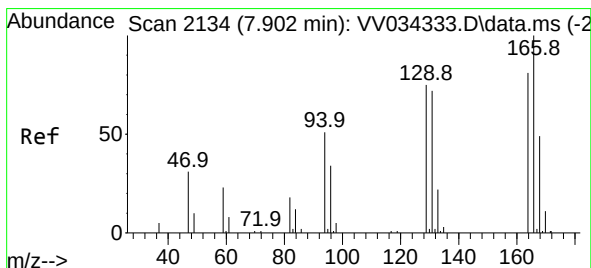
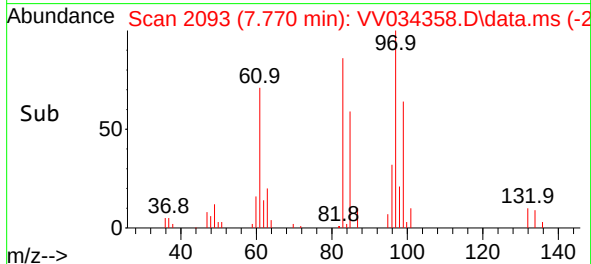
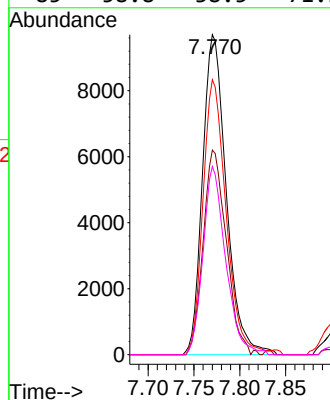
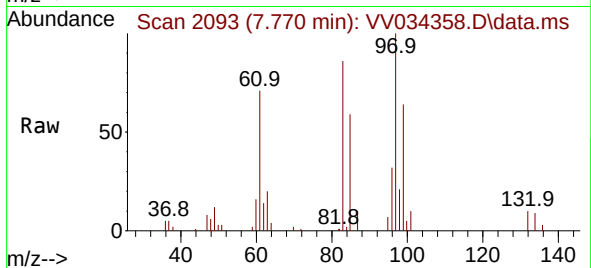
Ion Ratio Lower Upper

97 100

99 63.9 45.6 84.6

83 85.9 62.3 115.7

85 58.8 38.5 71.5



#47

Tetrachloroethene

Concen: 19.054 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Tgt Ion:164 Resp: 95788

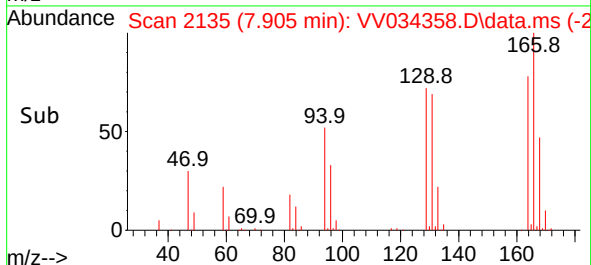
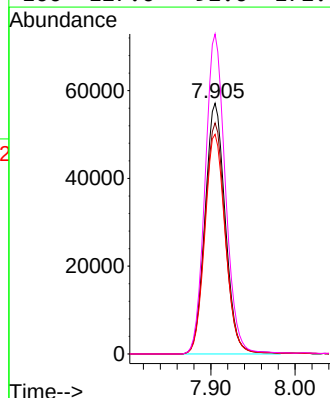
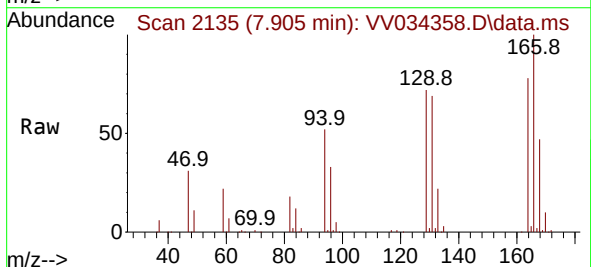
Ion Ratio Lower Upper

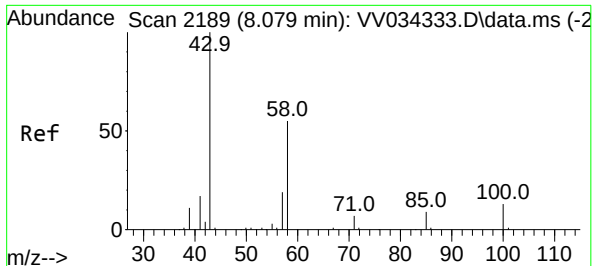
164 100

129 92.1 67.8 125.8

131 87.6 63.0 117.0

166 127.6 92.6 172.0

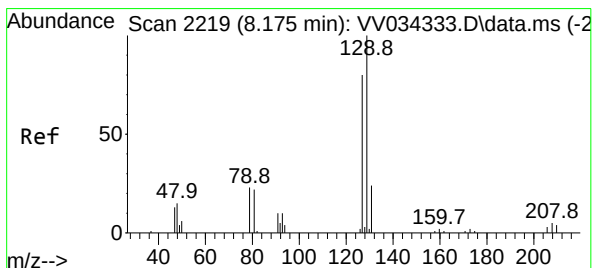
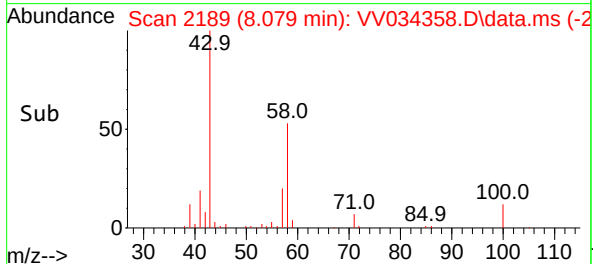
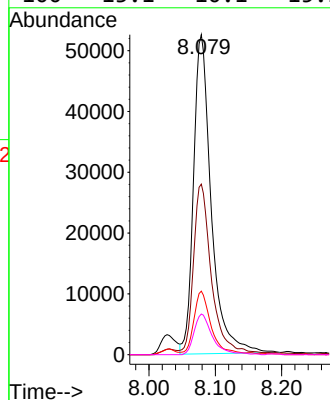
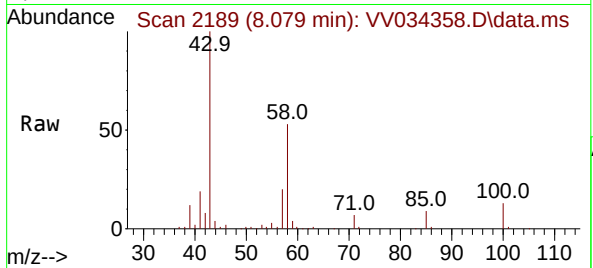




#48
2-Hexanone
Concen: 55.803 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

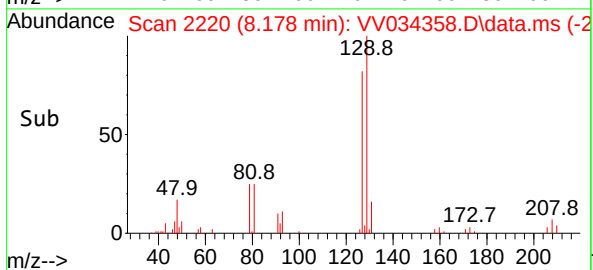
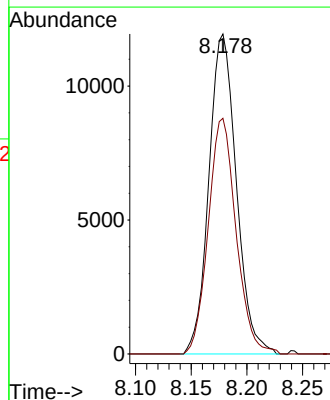
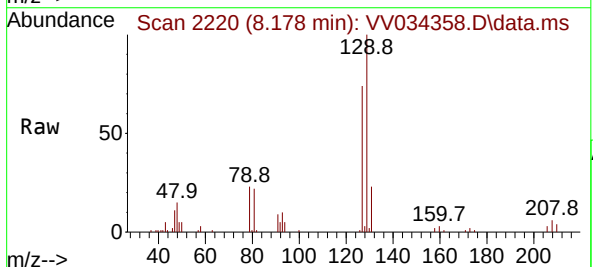
Instrument :
MSVOA_V
ClientSampleId :
E10A5MSD

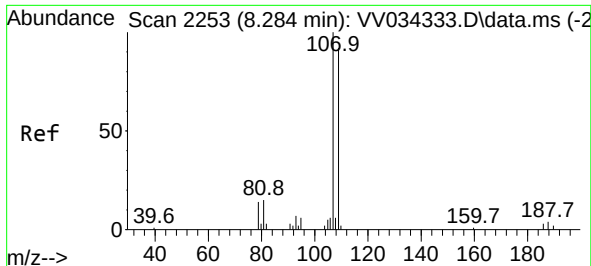
Tgt Ion:	43	Resp:	97539
Ion	Ratio	Lower	Upper
43	100		
58	54.6	42.6	64.0
57	18.2	15.5	23.3
100	13.1	10.1	15.1



#49
Dibromochloromethane
Concen: 5.396 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Tgt Ion:	129	Resp:	20502
Ion	Ratio	Lower	Upper
129	100		
127	73.7	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.557 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

E10A5MSD

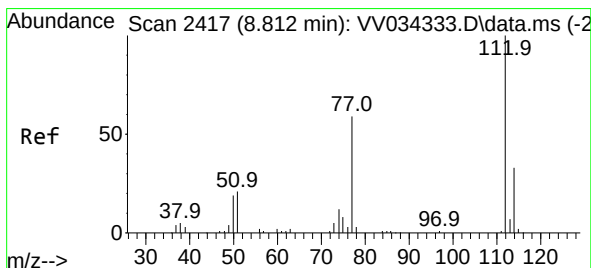
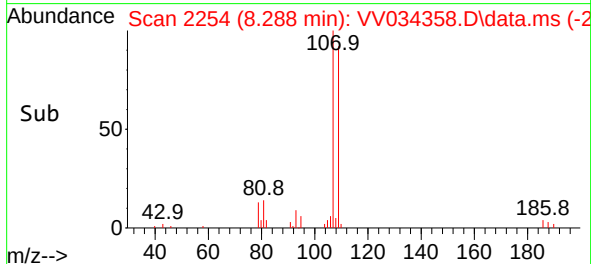
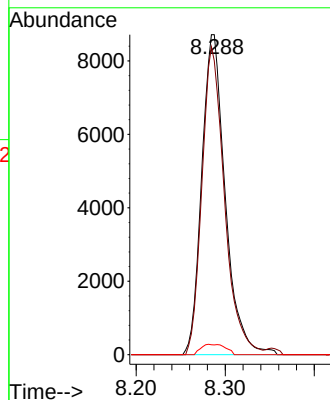
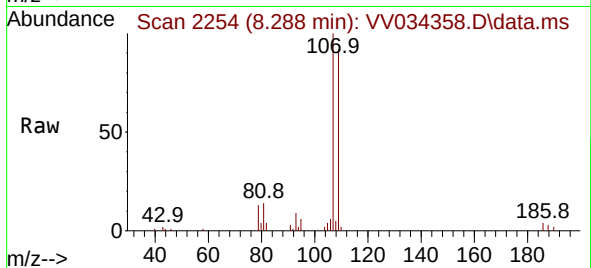
Tgt Ion:107 Resp: 15948

Ion Ratio Lower Upper

107 100

109 91.9 64.5 119.9

188 3.1 2.6 4.0



#51

Chlorobenzene

Concen: 5.351 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

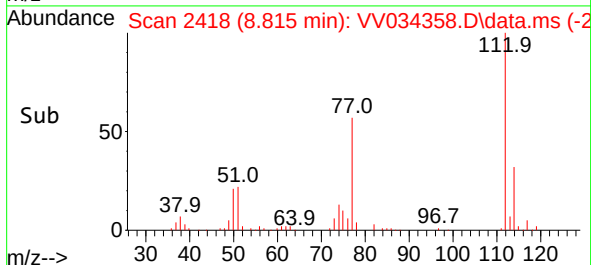
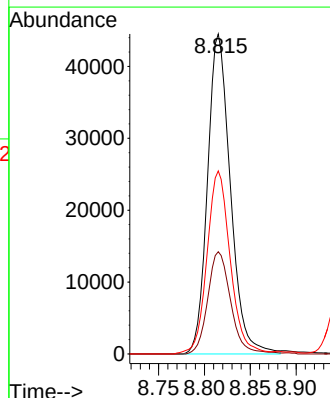
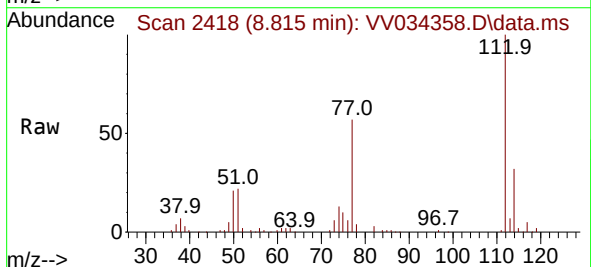
Tgt Ion:112 Resp: 77298

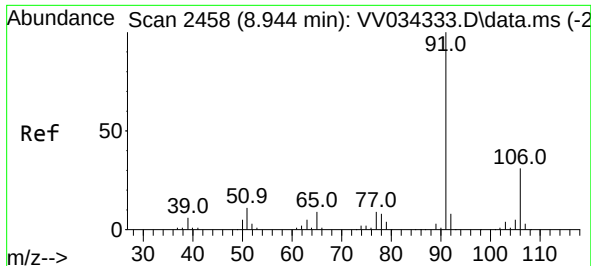
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.7

77 57.2 48.1 72.1





#52

Ethylbenzene

Concen: 5.178 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

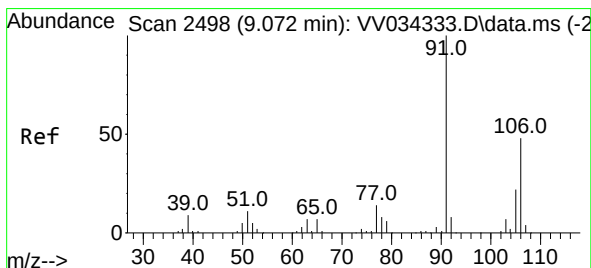
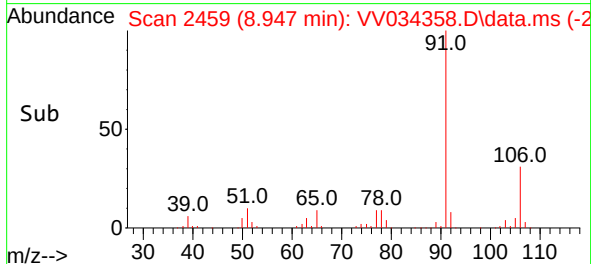
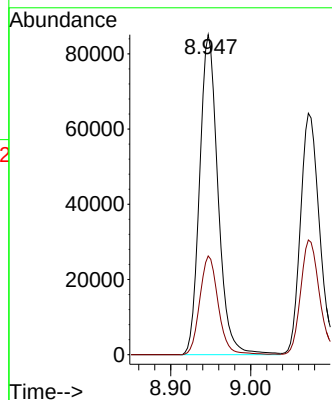
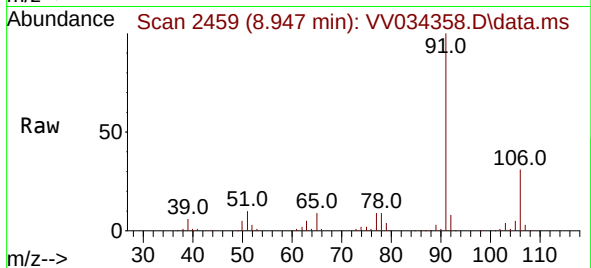
E10A5MSD

Tgt Ion: 91 Resp: 136182

Ion Ratio Lower Upper

91 100

106 30.8 21.4 39.8



#53

m,p-Xylene

Concen: 5.041 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV034358.D

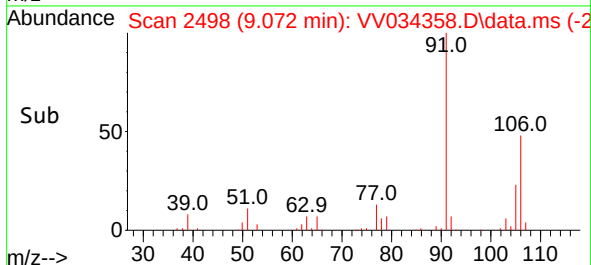
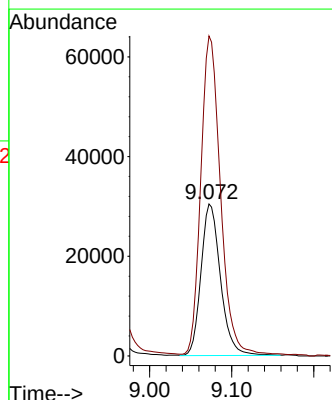
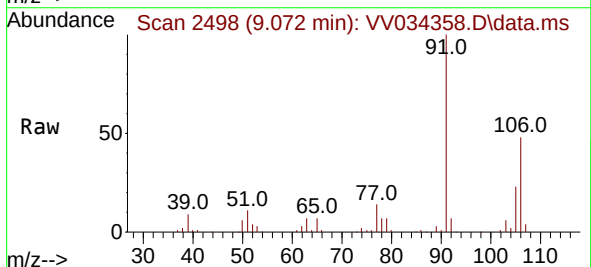
Acq: 22 Feb 2024 19:45

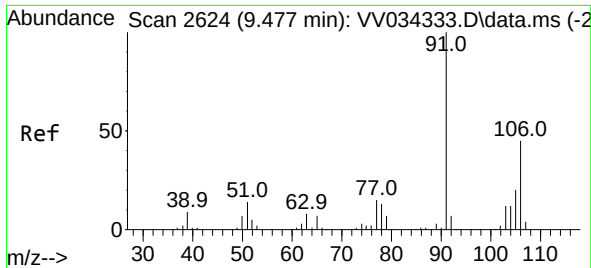
Tgt Ion:106 Resp: 50096

Ion Ratio Lower Upper

106 100

91 210.5 147.5 273.9

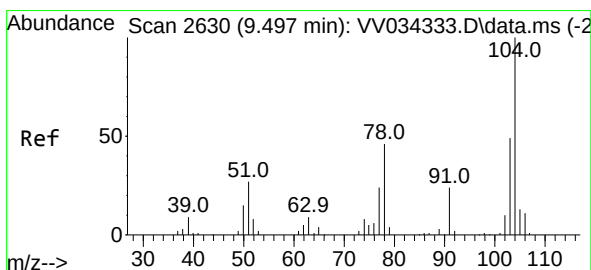
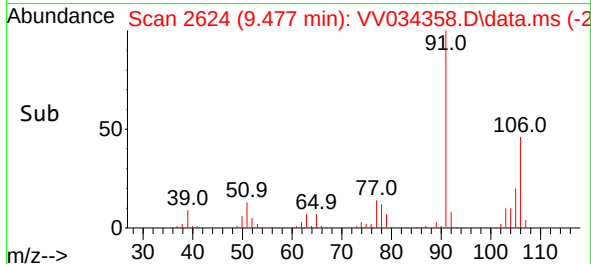
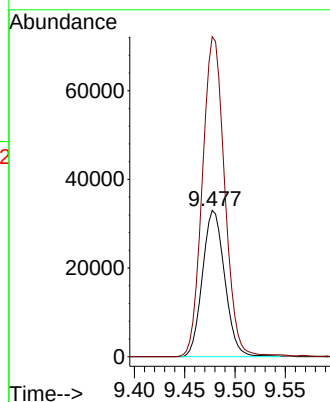
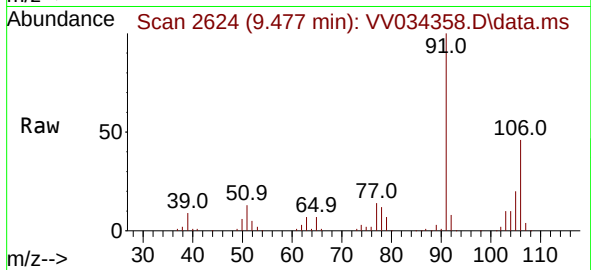




#54
o-Xylene
Concen: 5.317 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

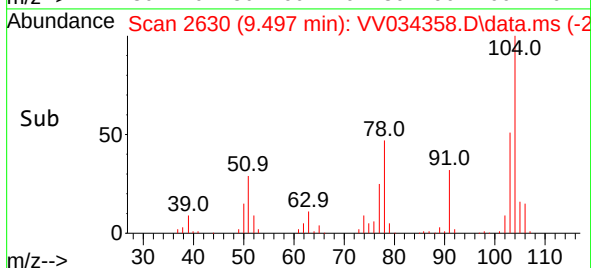
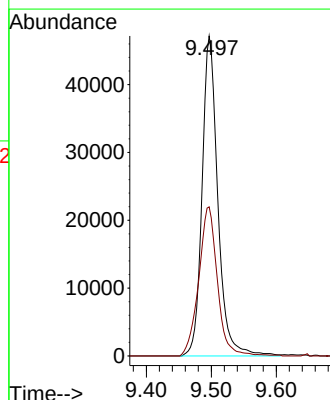
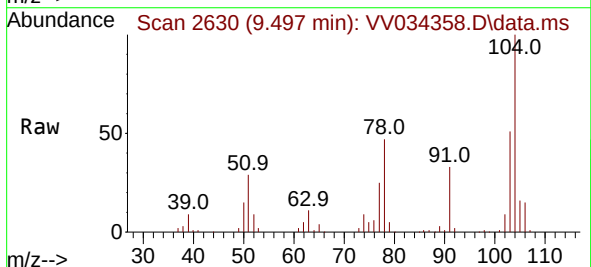
Instrument :
MSVOA_V
ClientSampleId :
E10A5MSD

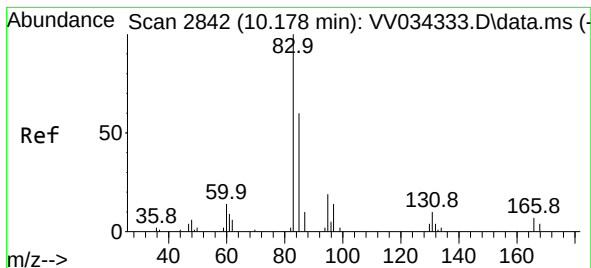
Tgt Ion:106 Resp: 50953
Ion Ratio Lower Upper
106 100
91 218.8 156.2 290.0



#55
Styrene
Concen: 5.208 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Tgt Ion:104 Resp: 79919
Ion Ratio Lower Upper
104 100
78 46.6 32.9 61.1

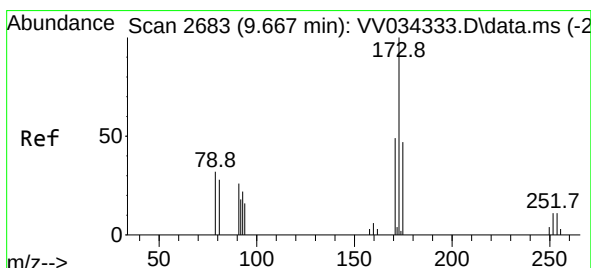
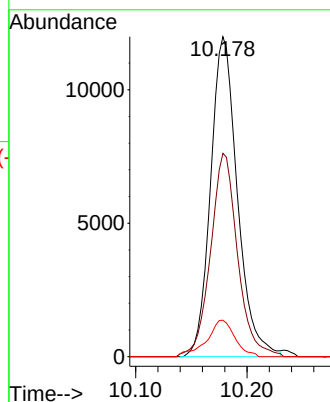
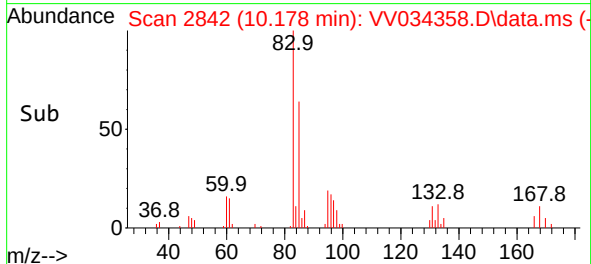
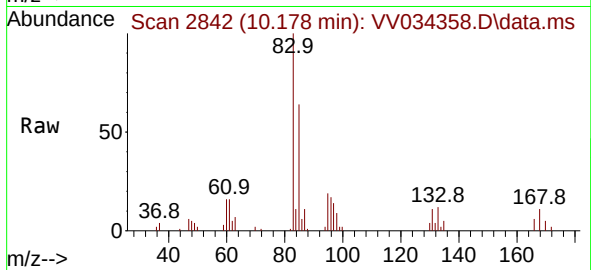




#57
1,1,2-Tetrachloroethane
Concen: 5.941 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

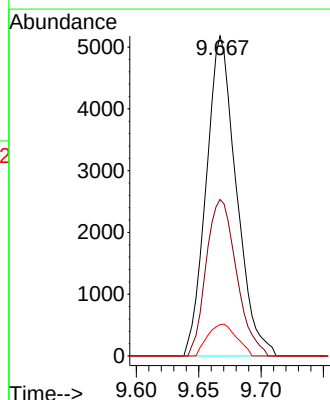
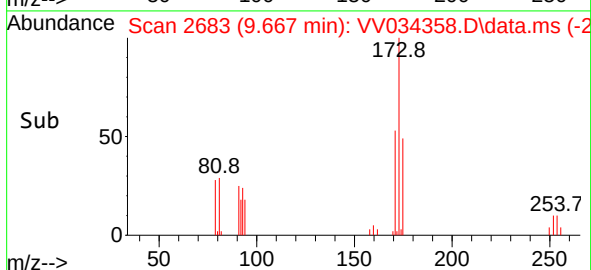
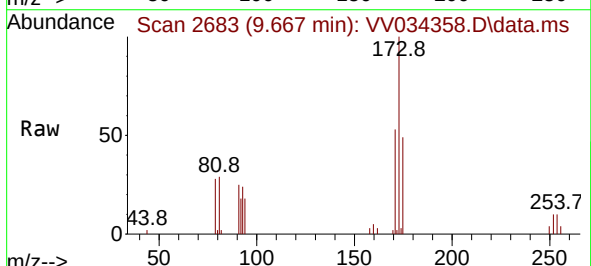
Instrument :
MSVOA_V
ClientSampleId :
E10A5MSD

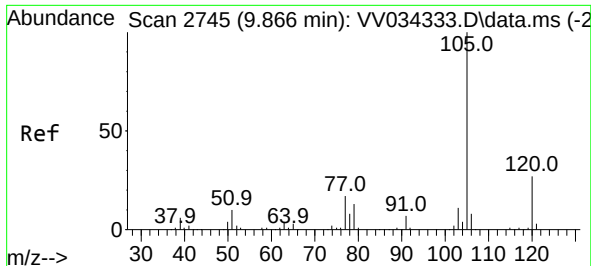
Tgt Ion: 83 Resp: 20050
Ion Ratio Lower Upper
83 100
85 63.5 46.5 86.3
131 11.4 8.4 12.6



#59
Bromoform
Concen: 4.382 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 173 Resp: 8705
Ion Ratio Lower Upper
173 100
175 49.2 38.6 57.8
254 9.6 7.2 10.8

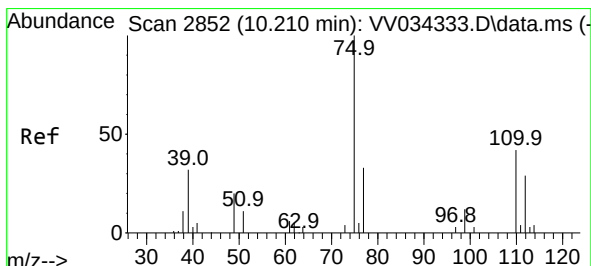
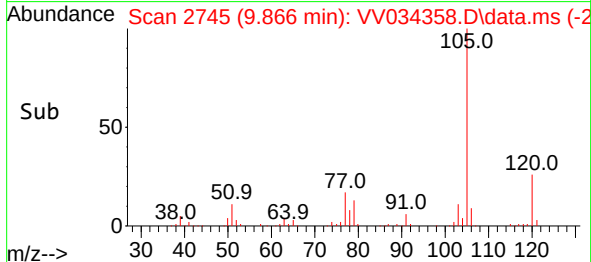
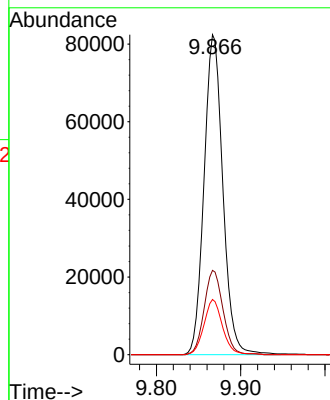
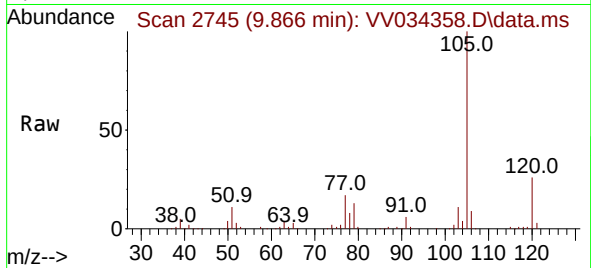




#60
Isopropylbenzene
Concen: 4.801 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

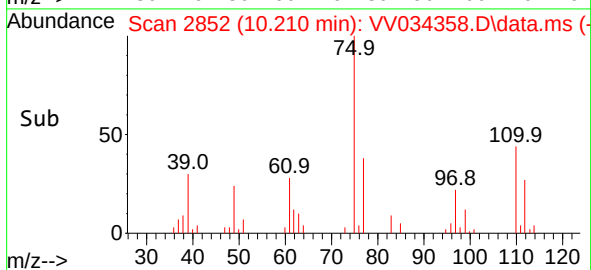
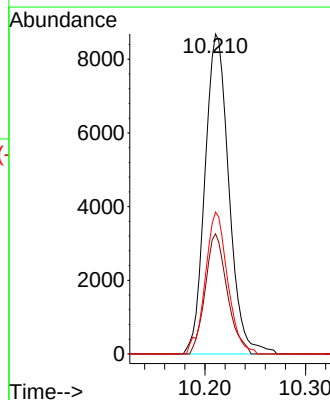
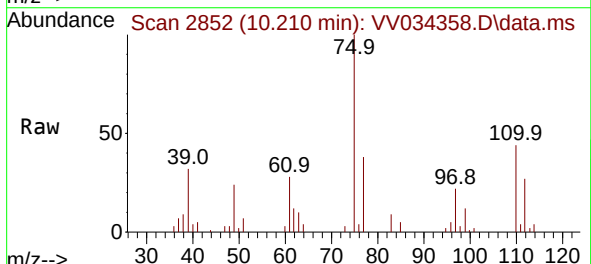
Instrument :
MSVOA_V
ClientSampleId :
E10A5MSD

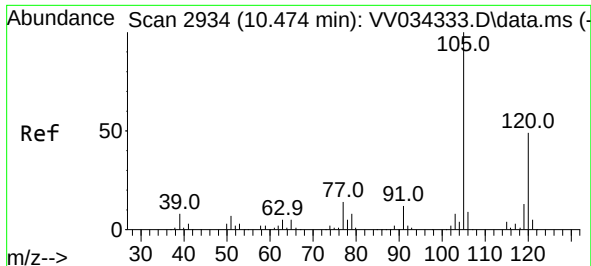
Tgt Ion:105 Resp: 128116
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 17.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.796 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 75 Resp: 14370
Ion Ratio Lower Upper
75 100
77 34.5 26.9 40.3
110 41.5 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 5.071 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034358.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_V

ClientSampleId :

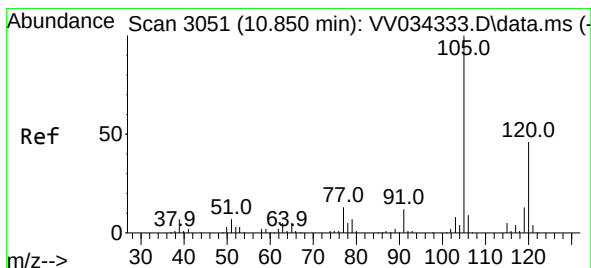
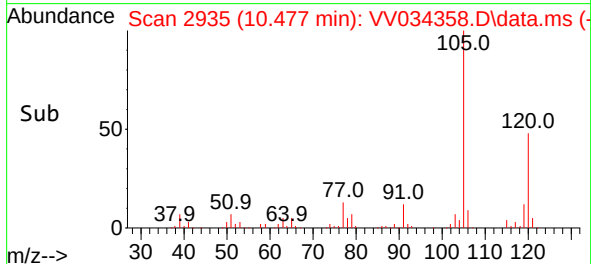
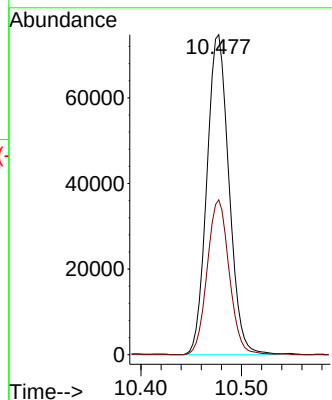
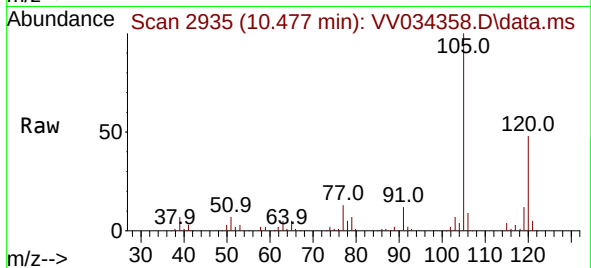
E10A5MSD

Tgt Ion:105 Resp: 114399

Ion Ratio Lower Upper

105 100

120 48.1 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.126 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034358.D

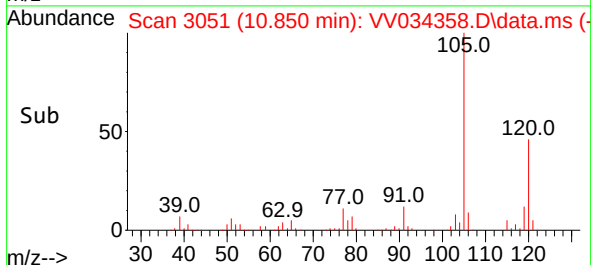
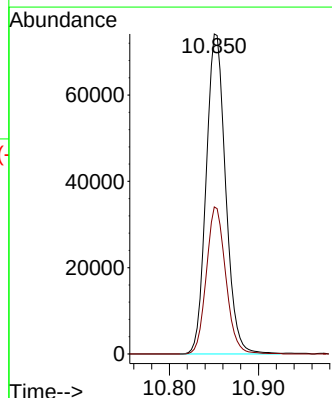
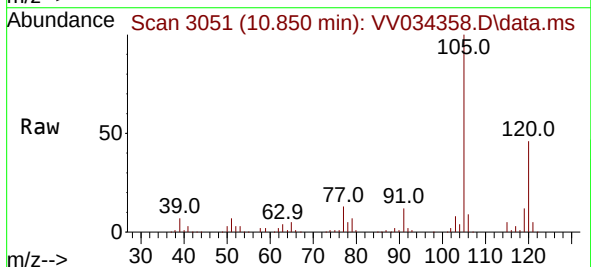
Acq: 22 Feb 2024 19:45

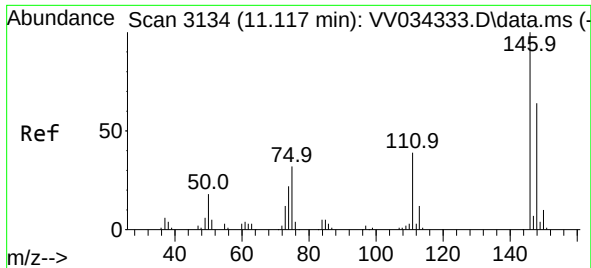
Tgt Ion:105 Resp: 112365

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.2

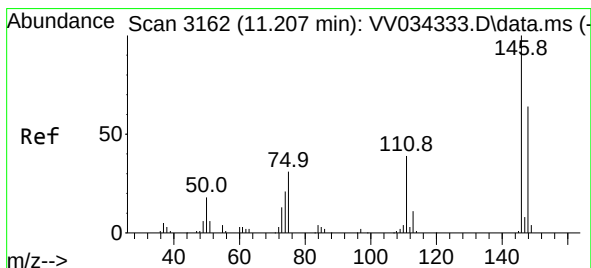
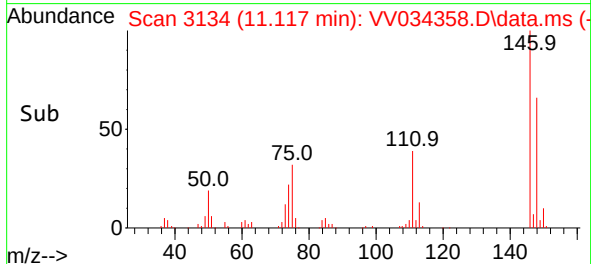
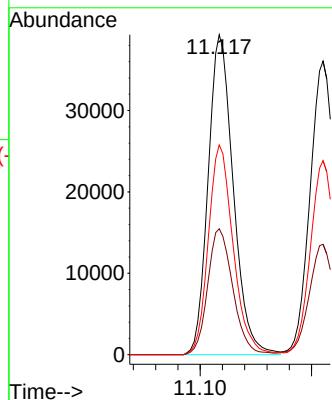
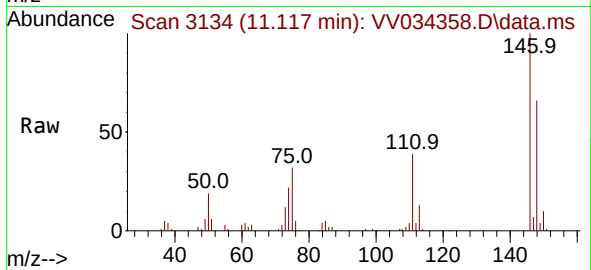




#64
1,3-Dichlorobenzene
Concen: 5.301 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

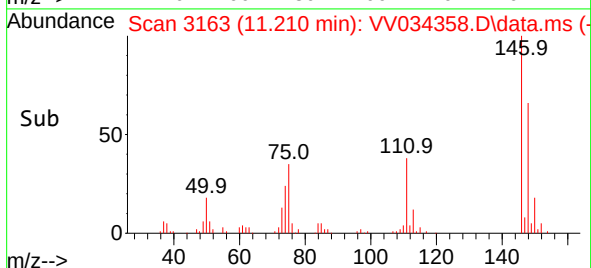
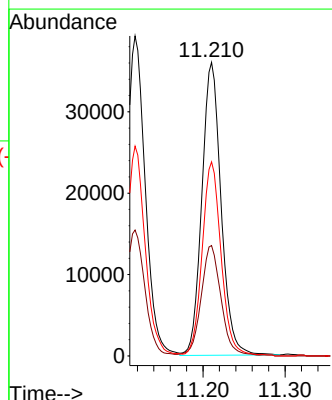
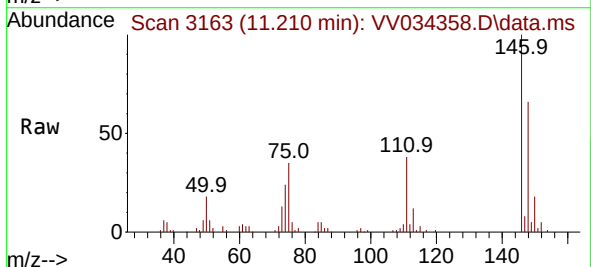
Instrument :
MSVOA_V
ClientSampleId :
E10A5MSD

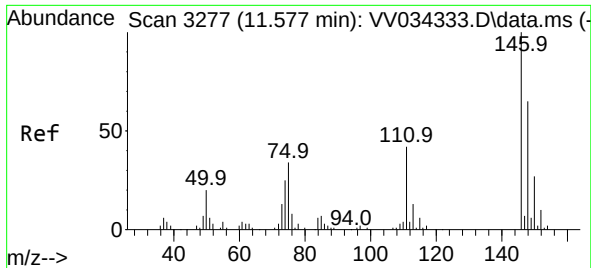
Tgt Ion:146 Resp: 61679
Ion Ratio Lower Upper
146 100
111 39.4 28.5 52.9
148 65.6 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.091 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Tgt Ion:146 Resp: 58651
Ion Ratio Lower Upper
146 100
111 37.6 27.6 51.4
148 66.1 44.8 83.2

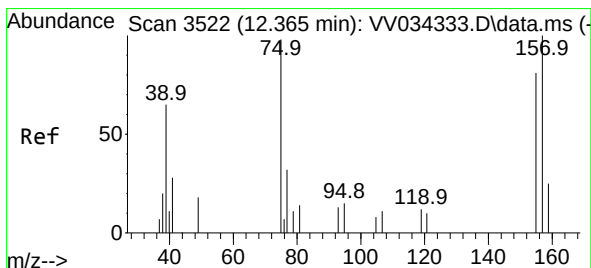
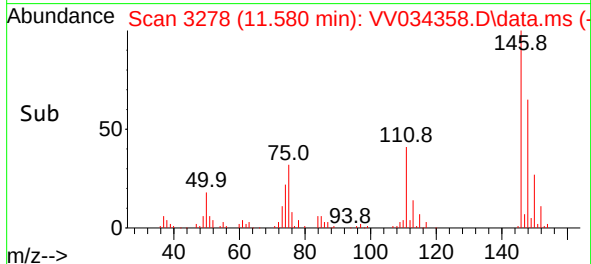
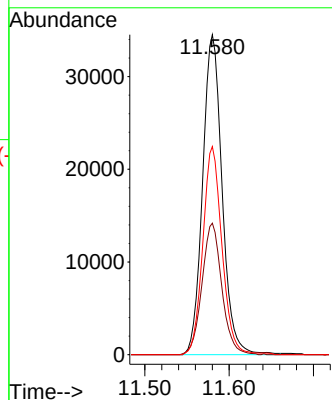
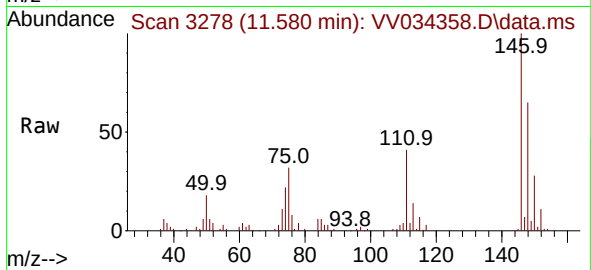




#67
1,2-Dichlorobenzene
Concen: 5.566 ug/L
RT: 11.580 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

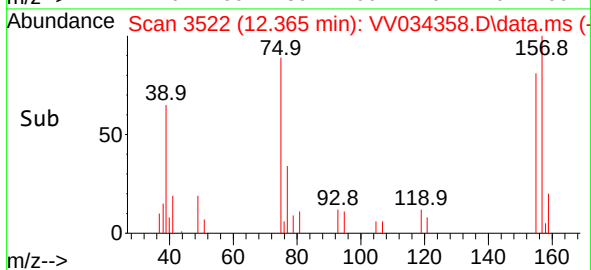
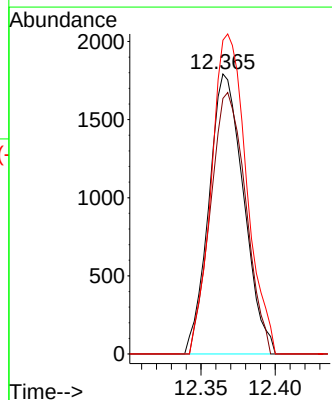
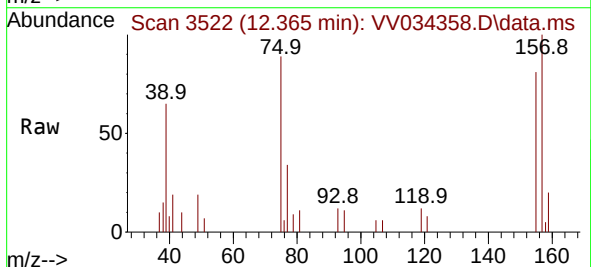
Instrument :
MSVOA_V
ClientSampleId :
E10A5MSD

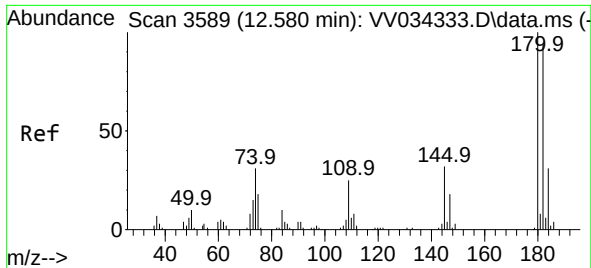
Tgt Ion:146 Resp: 55621
Ion Ratio Lower Upper
146 100
111 41.1 31.2 46.8
148 65.1 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.614 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 75 Resp: 2917
Ion Ratio Lower Upper
75 100
155 91.2 68.9 103.3
157 112.1 84.6 127.0

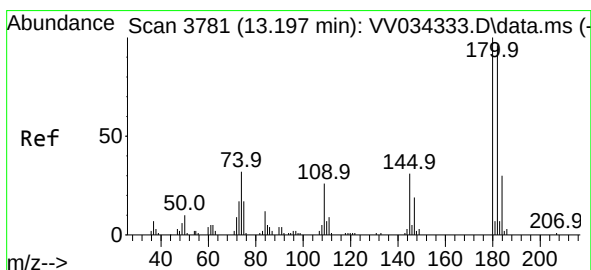
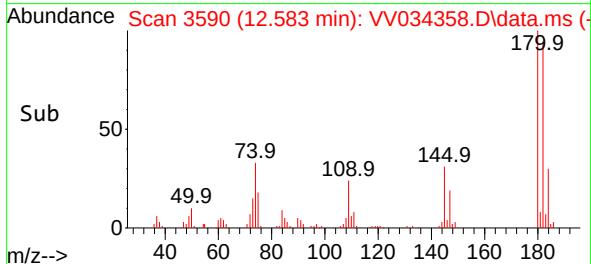
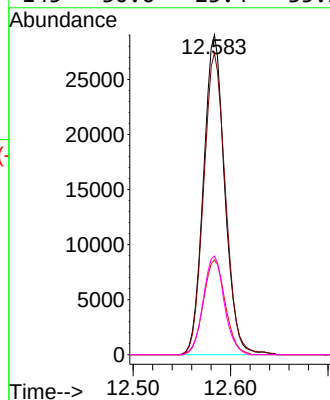
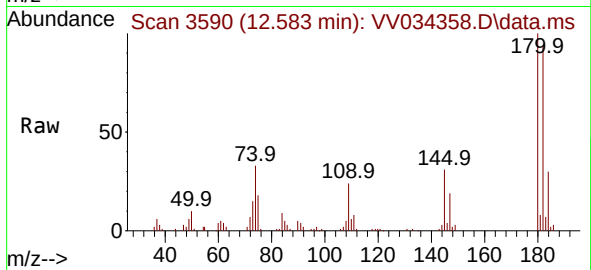




#69
 1,3,5-Trichlorobenzene
 Concen: 4.884 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. 0.003 min
 Lab File: VV034358.D
 Acq: 22 Feb 2024 19:45

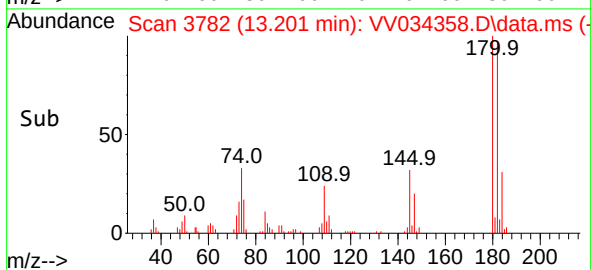
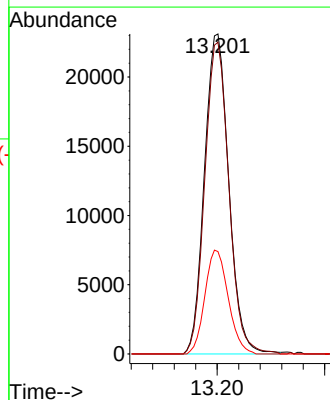
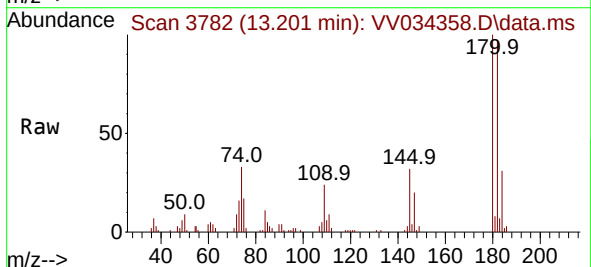
Instrument :
 MSVOA_V
 ClientSampleId :
 E10A5MSD

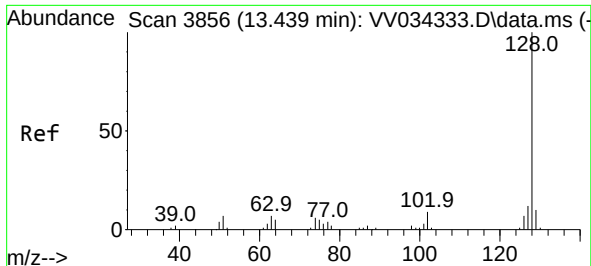
Tgt Ion:	180	Resp:	43978
Ion Ratio	Lower	Upper	
180	100		
182	97.0	77.0	115.4
184	30.6	23.8	35.6
145	30.6	23.4	35.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.165 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV034358.D
 Acq: 22 Feb 2024 19:45

Tgt Ion:	180	Resp:	36301
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.8	115.2
145	31.1	24.8	37.2

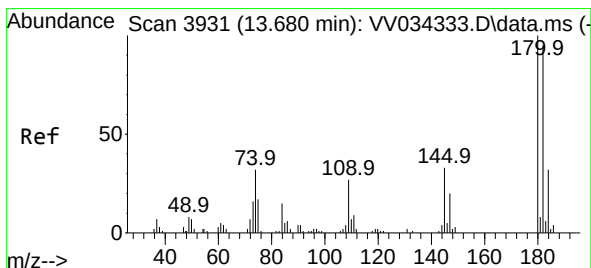
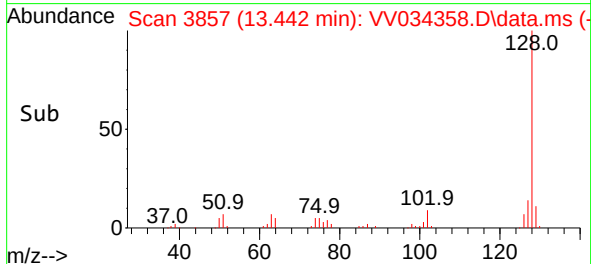
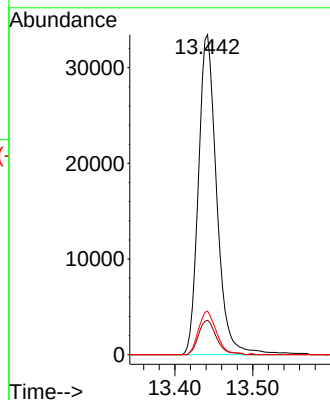
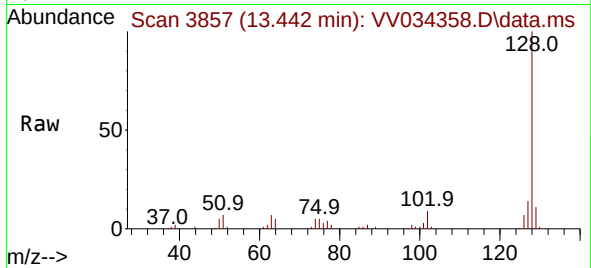




#71
Naphthalene
Concen: 5.904 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Instrument :
MSVOA_V
ClientSampleId :
E10A5MSD

Tgt Ion:128 Resp: 54375
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.4 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.632 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV034358.D
Acq: 22 Feb 2024 19:45

Tgt Ion:180 Resp: 31721
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.6
145 33.6 25.2 37.8

