

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
 Data File : VV035417.D
 Acq On : 26 Apr 2024 09:54
 Operator : SY/MD
 Sample : VSTD01042
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 00:03:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:01:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	530546	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	533867	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	262838	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38949	9.135	ug/L	0.00
7) Chloroethane-d5	1.529	69	23826	9.753	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	15845	9.093	ug/L	0.00
21) 2-Butanone-d5	3.825	46	34918	16.053	ug/L	0.03
24) Chloroform-d	4.249	84	66964	9.333	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	38220	9.146	ug/L	0.00
32) Benzene-d6	4.960	84	125259	8.928	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	39353	9.091	ug/L	0.00
41) Toluene-d8	7.243	98	108989	8.619	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	16907	8.349	ug/L	0.01
47) 2-Hexanone-d5	8.043	63	16467	13.486	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.152	84	56224	9.113	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	41363	8.995	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	39155	10.038	ug/L	100
3) Chloromethane	1.217	50	39084	9.875	ug/L	99
5) Vinyl chloride	1.285	62	39734	9.516	ug/L	96
6) Bromomethane	1.487	94	24882	10.175	ug/L	97
8) Chloroethane	1.545	64	19623	10.646	ug/L	98
9) Trichlorofluoromethane	1.706	101	55650	9.868	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	34858	9.866	ug/L	100
12) 1,1-Dichloroethene	2.066	96	30938	9.870	ug/L	99
13) Acetone	2.124	43	49407	19.027	ug/L	97
14) Carbon disulfide	2.236	76	83771	9.621	ug/L	100
15) Methyl Acetate	2.381	43	38330	9.733	ug/L	99
16) Methylene chloride	2.445	84	39368	9.930	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	31439	9.329	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	102879	9.064	ug/L	98
19) 1,1-Dichloroethane	3.111	63	67178	9.630	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	34130	9.002	ug/L	98
22) 2-Butanone	3.899	43	42328	14.699	ug/L	86
23) Bromochloromethane	4.153	128	20627	9.777	ug/L	99
25) Chloroform	4.278	83	70238	9.741	ug/L	99
27) 1,2-Dichloroethane	5.043	62	48653	9.188	ug/L	99
29) Cyclohexane	4.577	56	41571	8.467	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	58950	9.706	ug/L	99
31) Carbon tetrachloride	4.731	117	49937	9.411	ug/L	98
33) Benzene	5.011	78	130914	9.164	ug/L	100
34) Trichloroethene	5.838	95	36601	9.447	ug/L	96
35) Methylcyclohexane	6.047	83	48328	8.621	ug/L	98
37) 1,2-Dichloropropane	6.095	63	37061	9.293	ug/L	98
38) Bromodichloromethane	6.432	83	49889	9.264	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	50311	8.523	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	81555	17.124	ug/L	98
42) Toluene	7.317	91	136483	9.117	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	47284	8.345	ug/L	95

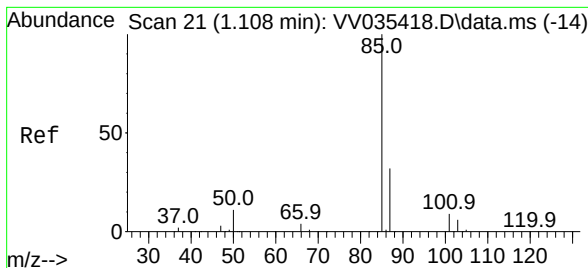
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
 Data File : VV035417.D
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 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:01:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	39092	9.386	ug/L	99
46) Tetrachloroethene	7.905	164	28346	9.326	ug/L	98
48) 2-Hexanone	8.085	43	64009	15.945	ug/L	91
49) Dibromochloromethane	8.175	129	40004	9.396	ug/L	98
50) 1,2-Dibromoethane	8.284	107	39468	9.315	ug/L	96
51) Chlorobenzene	8.812	112	99732	9.448	ug/L	99
52) Ethylbenzene	8.947	91	141139	8.628	ug/L	97
53) m,p-Xylene	9.072	106	52311	8.450	ug/L	96
54) o-Xylene	9.477	106	51630	8.529	ug/L	93
55) Styrene	9.497	104	85977	8.236	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	64056	9.462	ug/L	97
59) Bromoform	9.667	173	29553	9.471	ug/L	99
60) Isopropylbenzene	9.863	105	134371	8.911	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	48871	9.934	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	100966	8.311	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	93252	7.841	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	74115	9.488	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	79644	9.720	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	75532	9.544	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	9797	8.802	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	48267	8.721	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	35444	8.067	ug/L	98
71) Naphthalene	13.438	128	67914	7.137	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	34879	8.147	ug/L	98

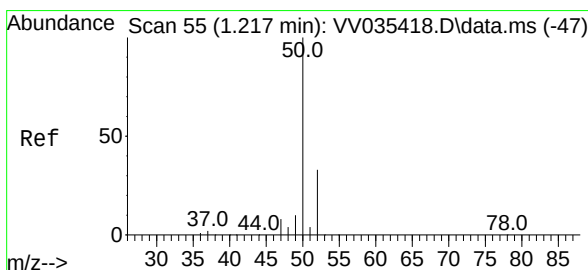
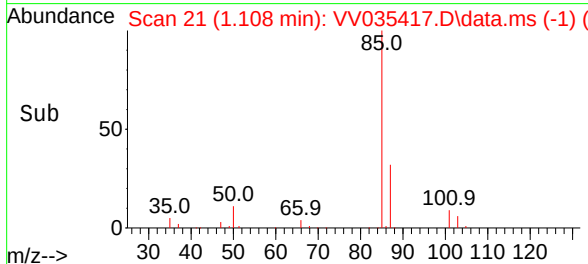
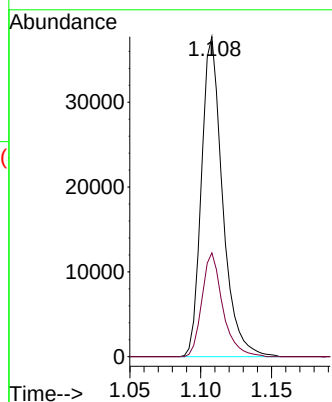
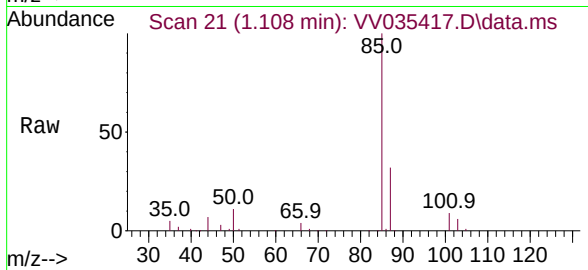
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 10.038 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035417.D
 Acq: 26 Apr 2024 09:54

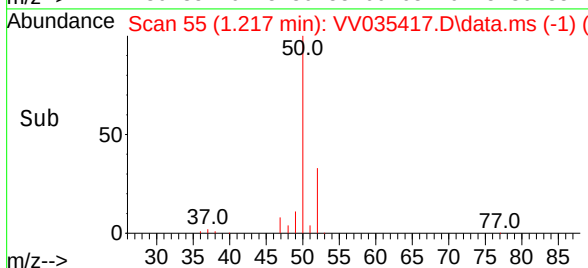
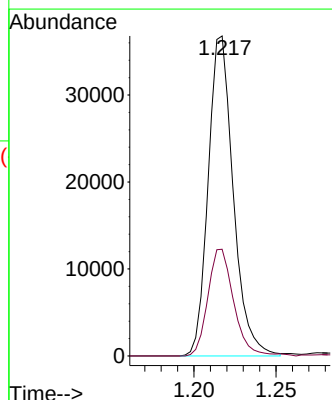
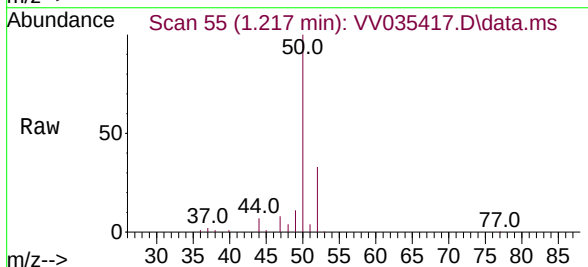
Instrument :
 MSVOA_V
 ClientSampleId :

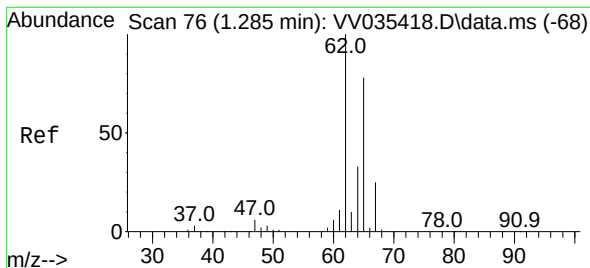
Tgt Ion: 85 Resp: 39155
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.2



#3
 Chloromethane
 Concen: 9.875 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV035417.D
 Acq: 26 Apr 2024 09:54

Tgt Ion: 50 Resp: 39084
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.0 42.8





#5

Vinyl chloride

Concen: 9.516 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

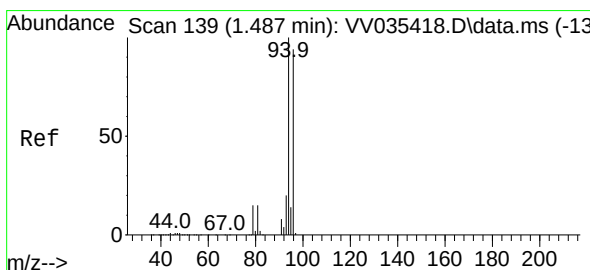
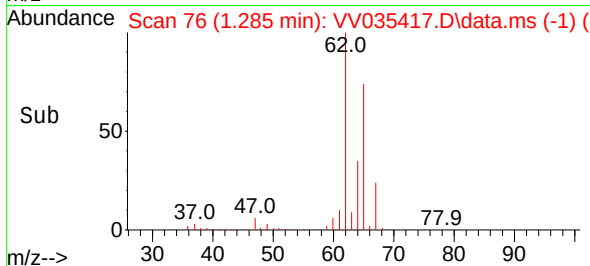
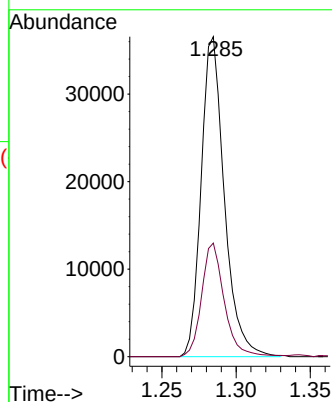
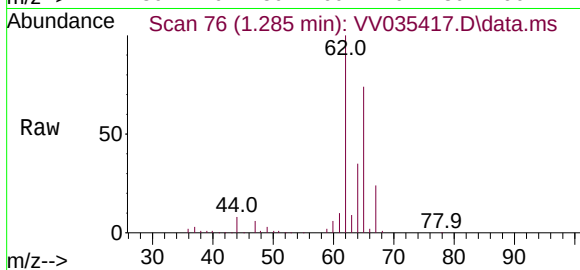
ClientSampleId :

Tgt Ion: 62 Resp: 39734

Ion Ratio Lower Upper

62 100

64 35.5 23.2 43.2



#6

Bromomethane

Concen: 10.175 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV035417.D

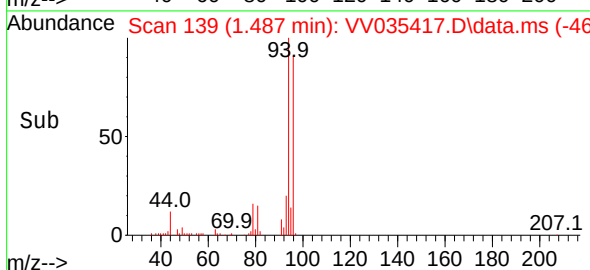
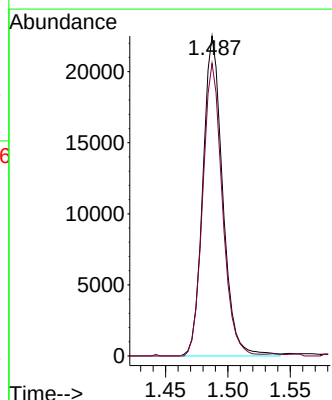
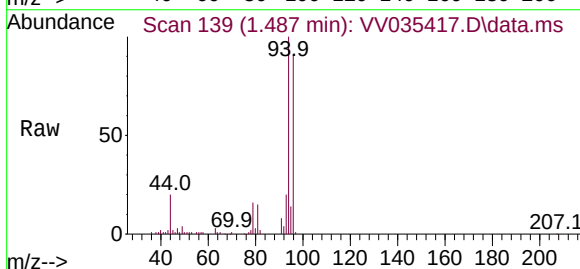
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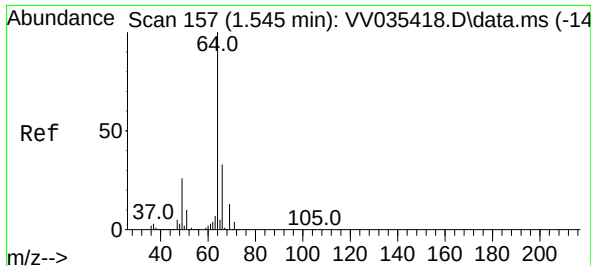
Tgt Ion: 94 Resp: 24882

Ion Ratio Lower Upper

94 100

96 91.5 66.1 122.7

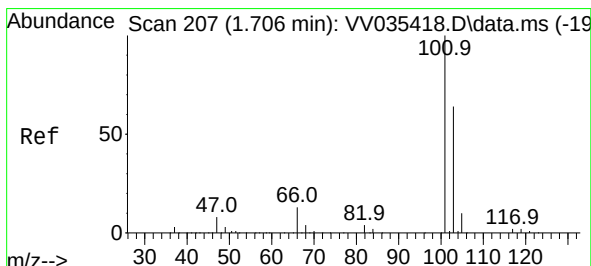
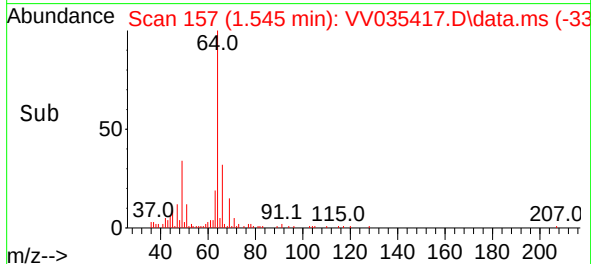
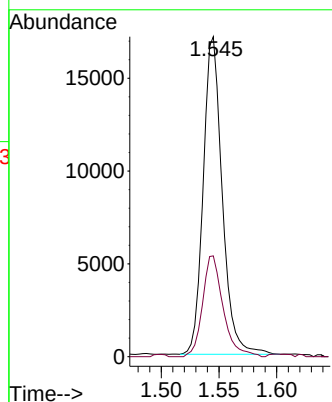
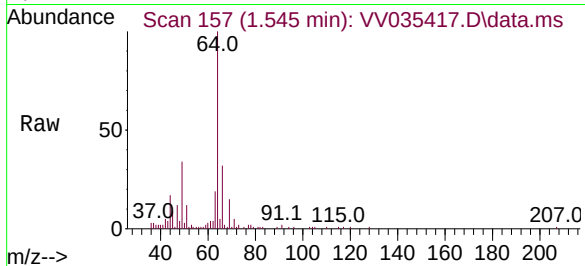




#8
Chloroethane
Concen: 10.646 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

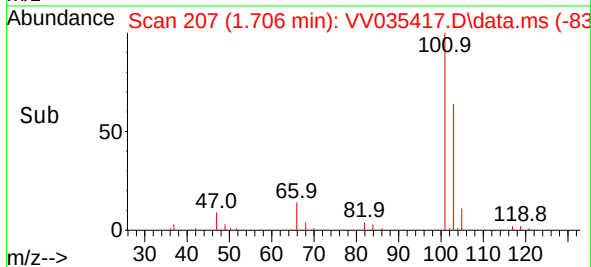
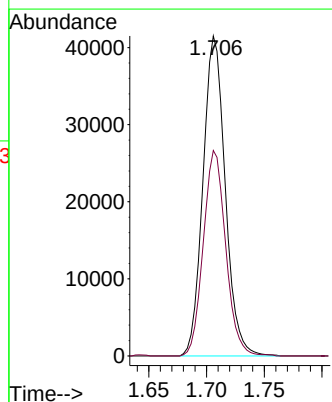
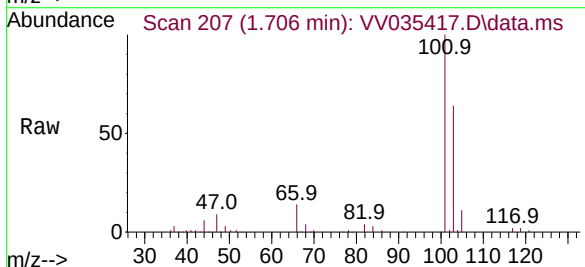
Instrument :
MSVOA_V
ClientSampleId :

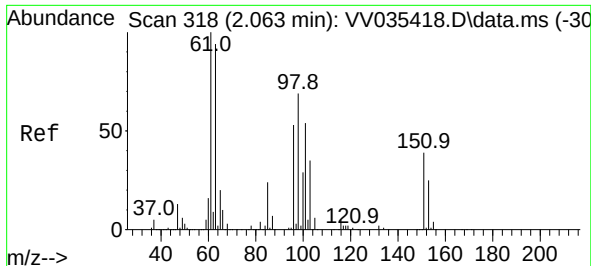
Tgt Ion: 64 Resp: 19623
Ion Ratio Lower Upper
64 100
66 31.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 9.868 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

Tgt Ion:101 Resp: 55650
Ion Ratio Lower Upper
101 100
103 64.6 51.2 76.8





#10

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

Concen: 9.866 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

ClientSampleId :

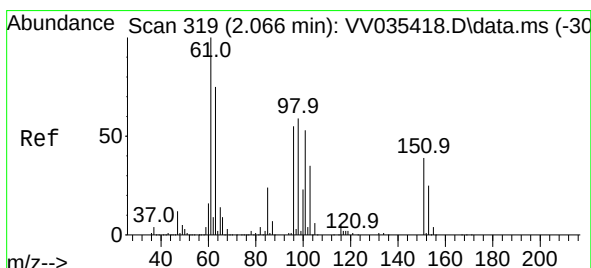
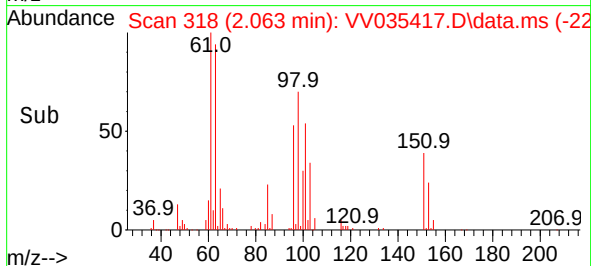
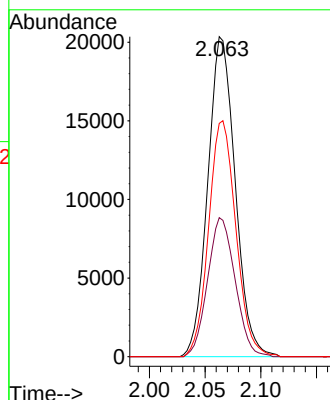
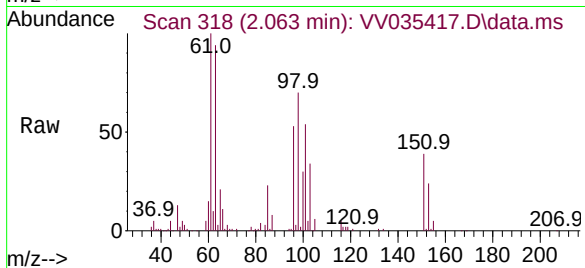
Tgt Ion:101 Resp: 34858

Ion Ratio Lower Upper

101 100

85 43.6 35.0 52.6

151 73.5 58.6 87.8



#12

1,1-Dichloroethene

Concen: 9.870 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

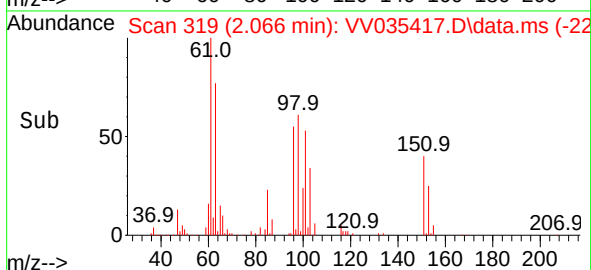
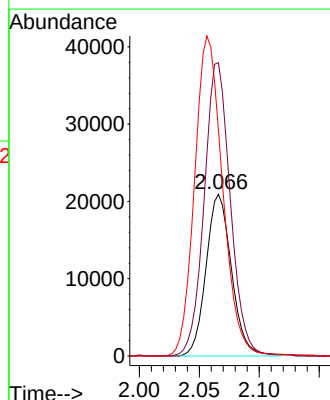
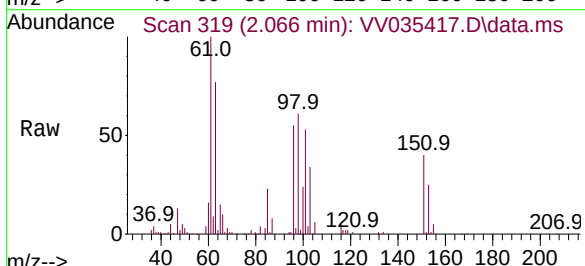
Tgt Ion: 96 Resp: 30938

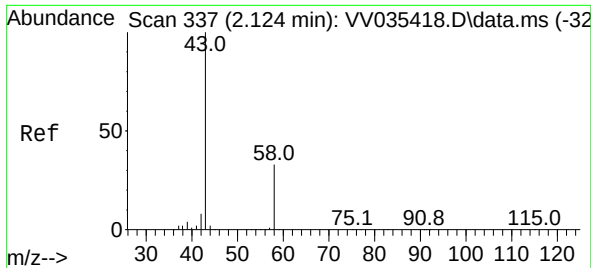
Ion Ratio Lower Upper

96 100

61 181.5 128.2 238.0

63 139.6 96.9 179.9





#13

Acetone

Concen: 19.027 ug/L

RT: 2.124 min Scan# 337

Delta R.T. -0.000 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

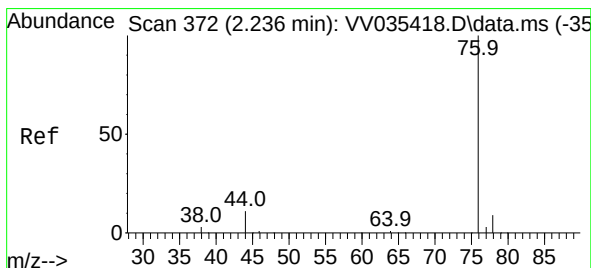
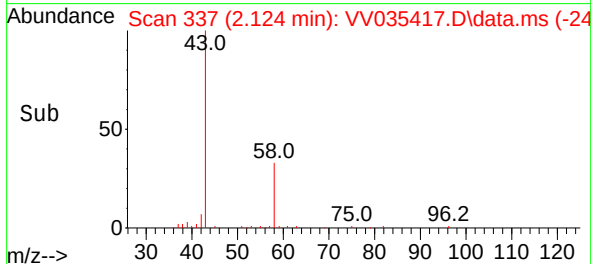
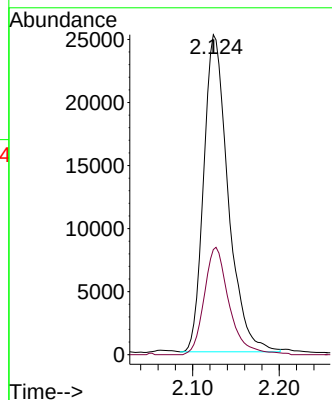
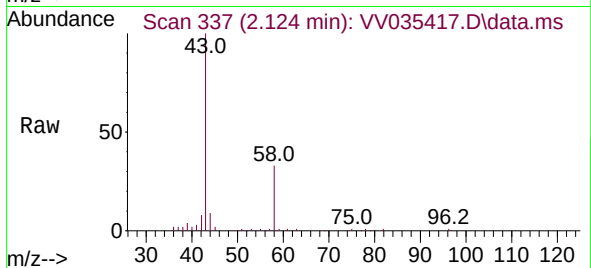
ClientSampleId :

Tgt Ion: 43 Resp: 49407

Ion Ratio Lower Upper

43 100

58 34.4 0.0 65.8



#14

Carbon disulfide

Concen: 9.621 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV035417.D

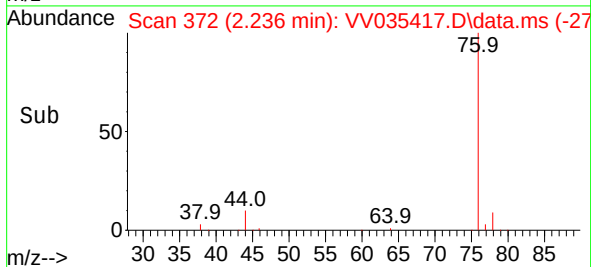
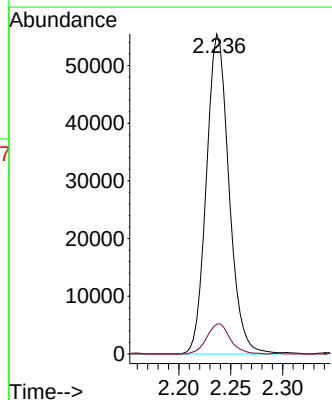
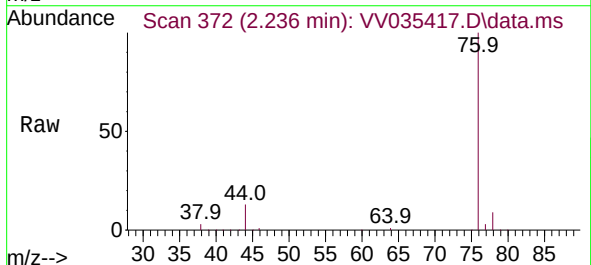
Acq: 26 Apr 2024 09:54

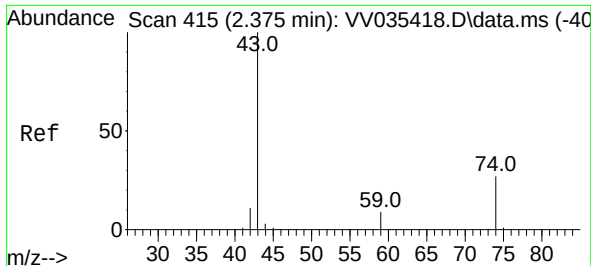
Tgt Ion: 76 Resp: 83771

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 9.733 ug/L

RT: 2.381 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

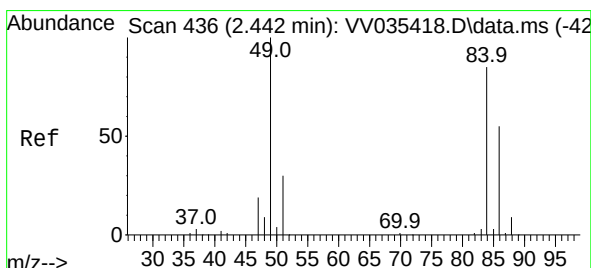
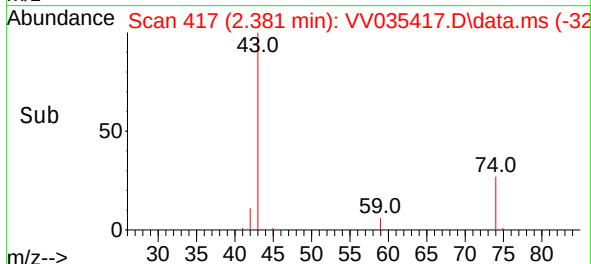
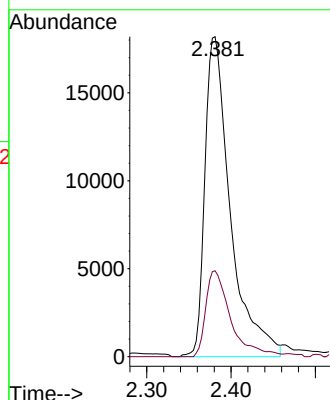
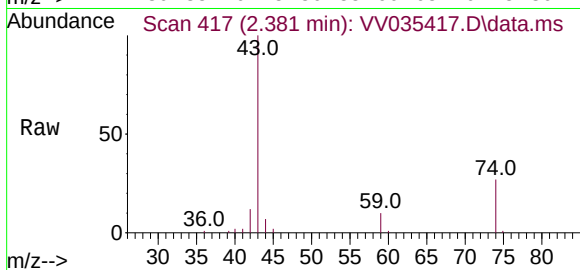
ClientSampleId :

Tgt Ion: 43 Resp: 38330

Ion Ratio Lower Upper

43 100

74 26.2 20.6 30.8



#16

Methylene chloride

Concen: 9.930 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

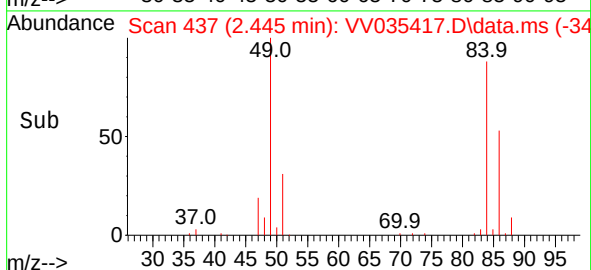
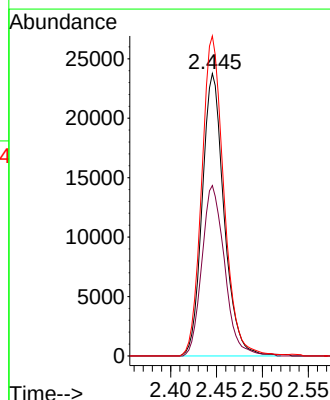
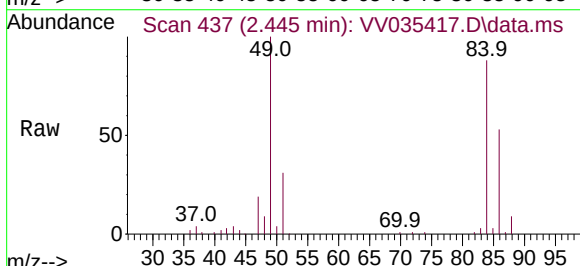
Tgt Ion: 84 Resp: 39368

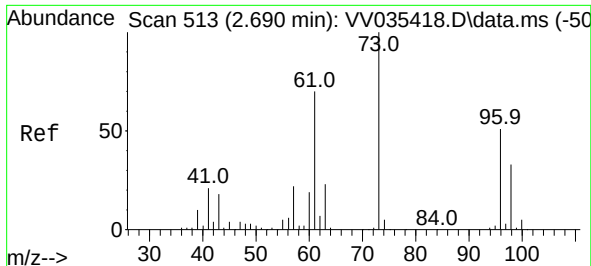
Ion Ratio Lower Upper

84 100

86 60.3 45.1 83.9

49 113.3 82.3 152.8

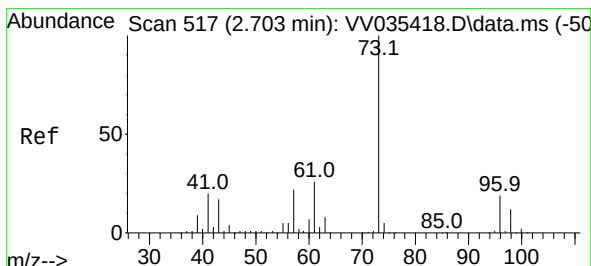
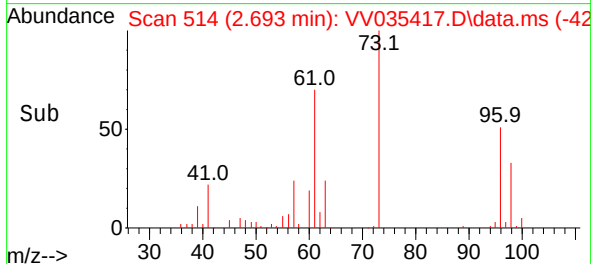
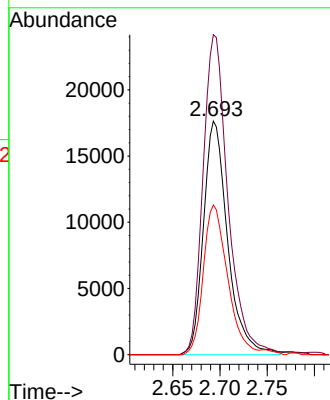
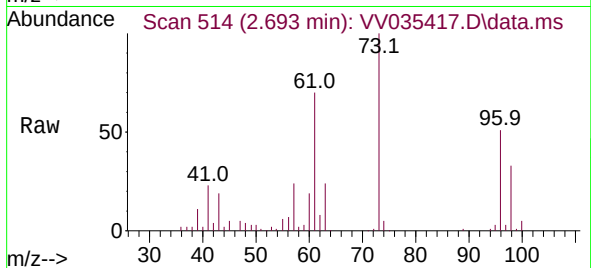




#17
trans-1,2-Dichloroethene
Concen: 9.329 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

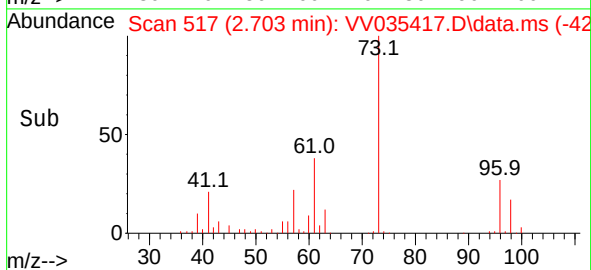
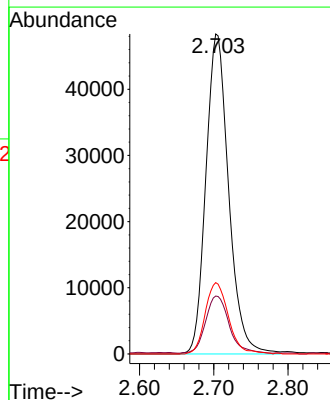
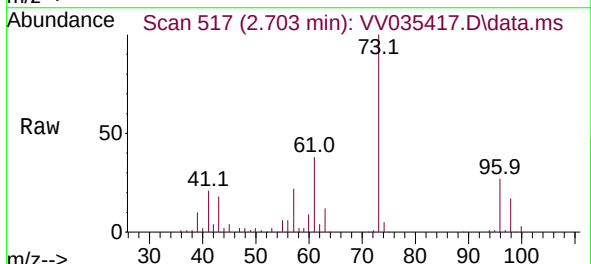
Instrument :
MSVOA_V
ClientSampleId :

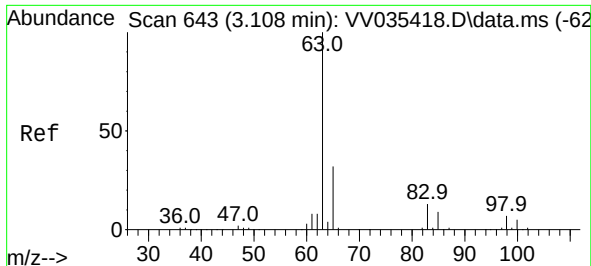
Tgt Ion: 96 Resp: 31439
Ion Ratio Lower Upper
96 100
61 137.0 96.4 179.0
98 64.1 45.2 84.0



#18
Methyl tert-butyl Ether
Concen: 9.064 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

Tgt Ion: 73 Resp: 102879
Ion Ratio Lower Upper
73 100
43 18.4 13.9 20.9
57 22.3 17.4 26.0

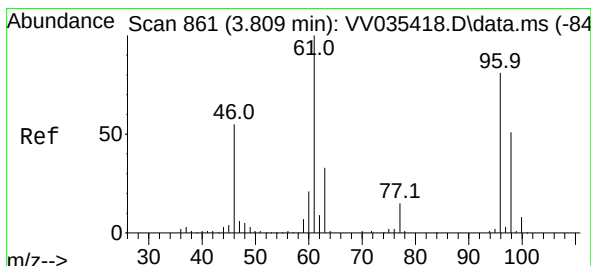
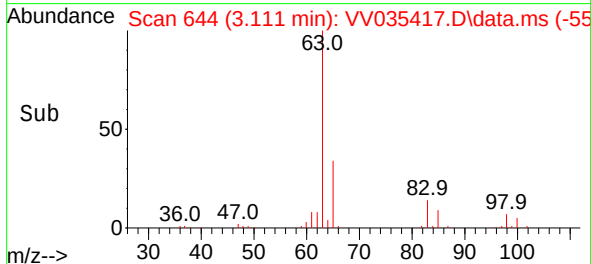
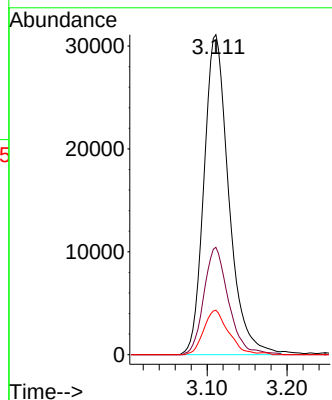
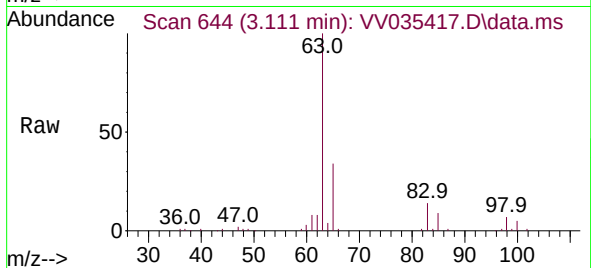




#19
1,1-Dichloroethane
Concen: 9.630 ug/L
RT: 3.111 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

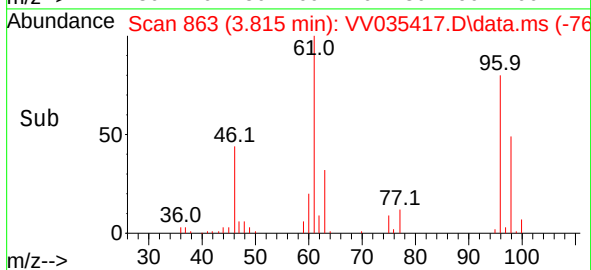
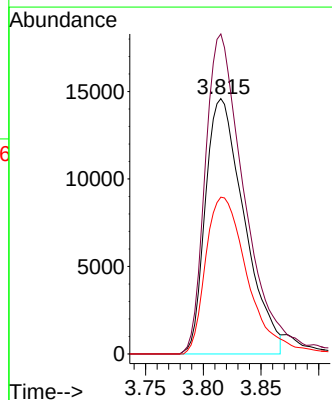
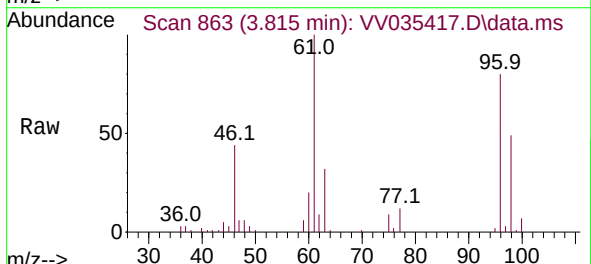
Instrument :
MSVOA_V
ClientSampleId :

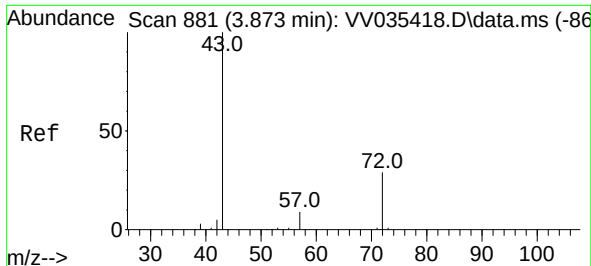
Tgt Ion: 63 Resp: 67178
Ion Ratio Lower Upper
63 100
65 33.6 22.1 41.1
83 13.9 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 9.002 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

Tgt Ion: 96 Resp: 34130
Ion Ratio Lower Upper
96 100
61 125.3 86.9 161.5
98 61.4 44.6 82.8

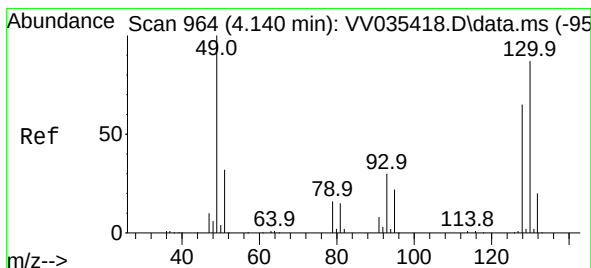
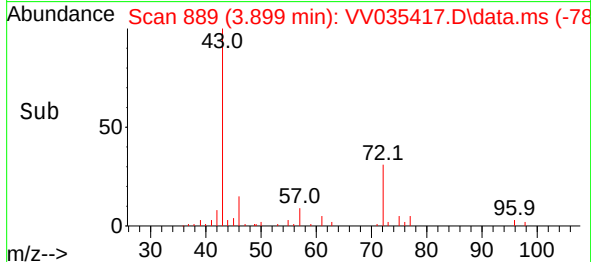
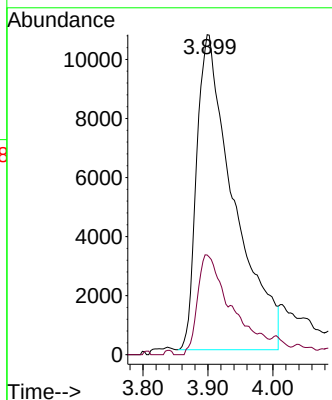
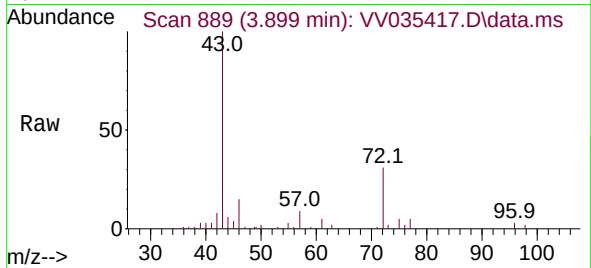




#22
2-Butanone
Concen: 14.699 ug/L
RT: 3.899 min Scan# 881
Delta R.T. 0.026 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

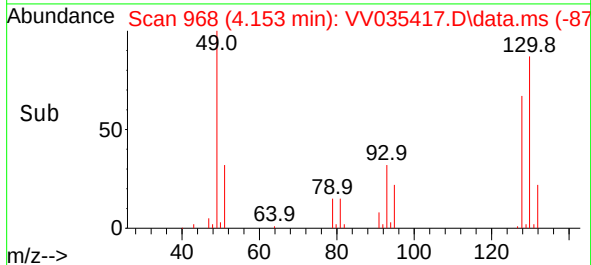
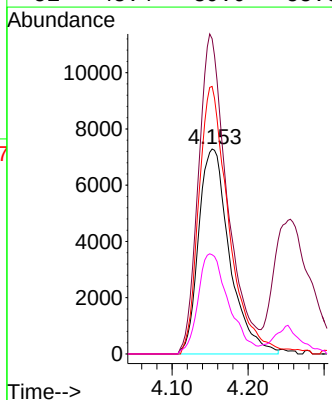
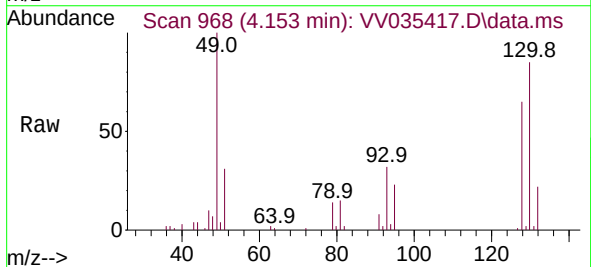
Instrument :
MSVOA_V
ClientSampleId :

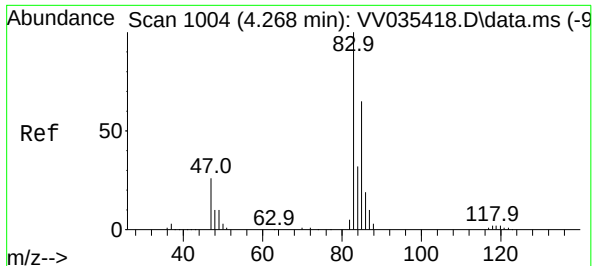
Tgt Ion: 43 Resp: 42328
Ion Ratio Lower Upper
43 100
72 20.3 13.8 41.4



#23
Bromochloromethane
Concen: 9.777 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.013 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

Tgt Ion: 128 Resp: 20627
Ion Ratio Lower Upper
128 100
49 153.8 107.7 200.1
130 130.5 93.4 173.4
51 48.4 39.0 58.6





#25

Chloroform

Concen: 9.741 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

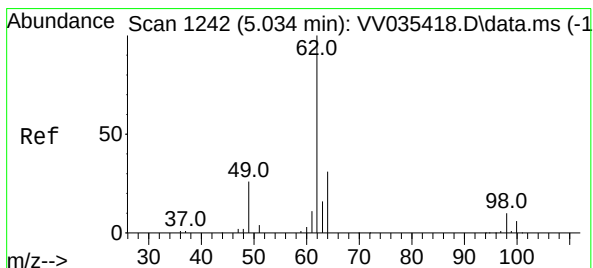
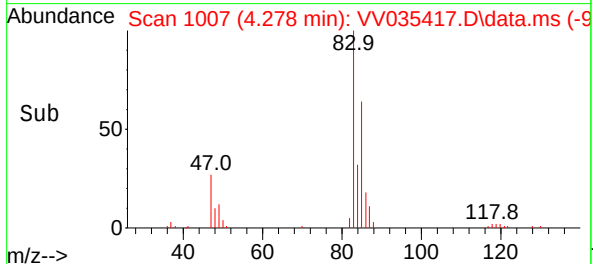
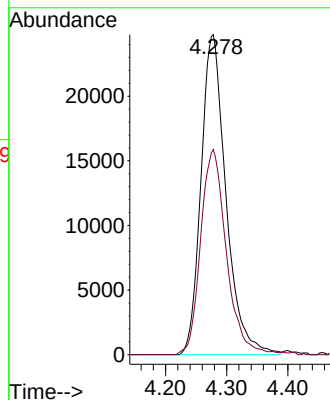
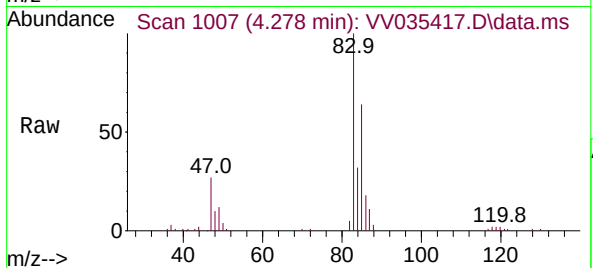
ClientSampleId :

Tgt Ion: 83 Resp: 70238

Ion Ratio Lower Upper

83 100

85 64.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 9.188 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.010 min

Lab File: VV035417.D

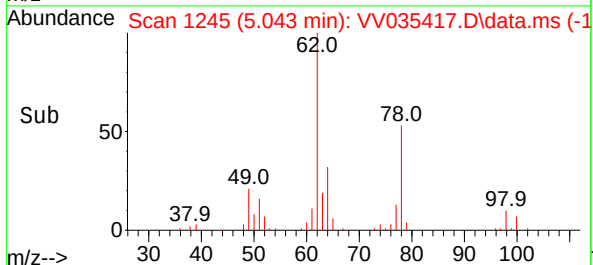
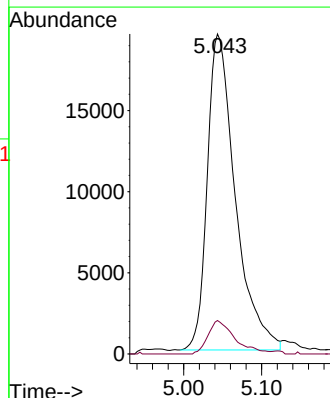
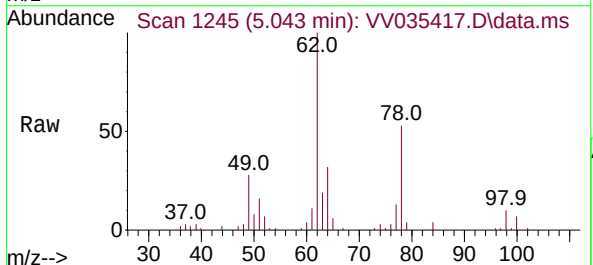
Acq: 26 Apr 2024 09:54

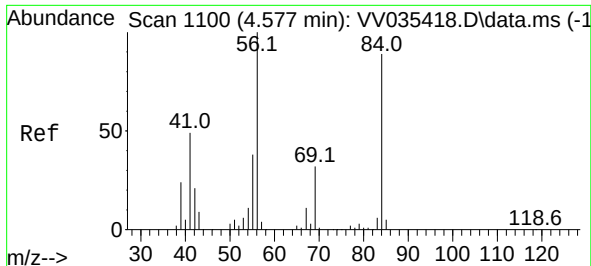
Tgt Ion: 62 Resp: 48653

Ion Ratio Lower Upper

62 100

98 10.5 8.0 12.0





#29

Cyclohexane

Concen: 8.467 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

ClientSampleId :

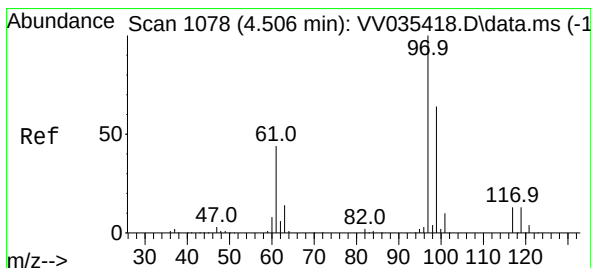
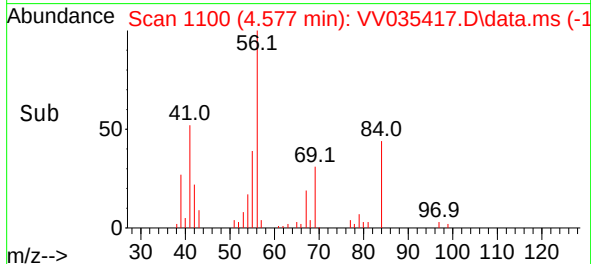
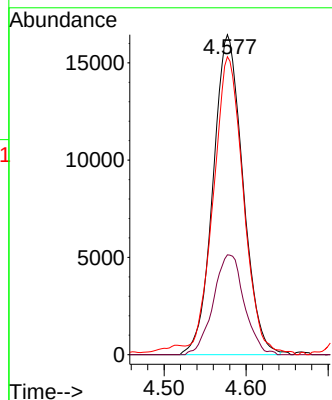
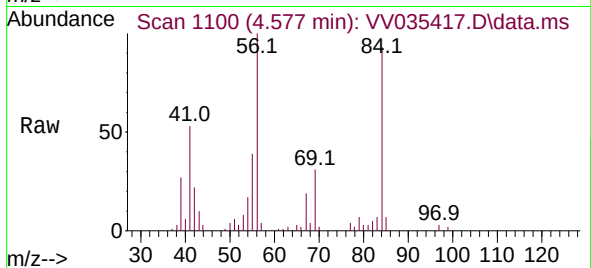
Tgt Ion: 56 Resp: 41571

Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.2

84 91.8 73.5 110.3



#30

1,1,1-Trichloroethane

Concen: 9.706 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

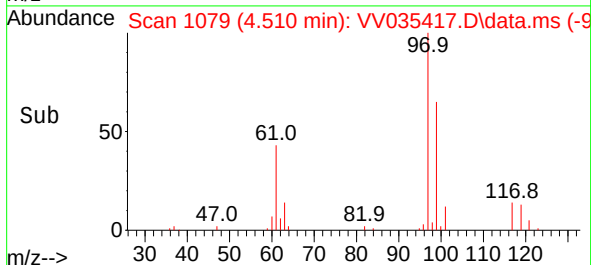
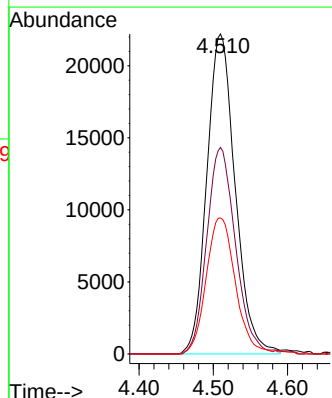
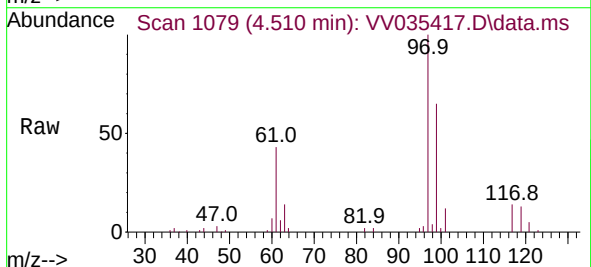
Tgt Ion: 97 Resp: 58950

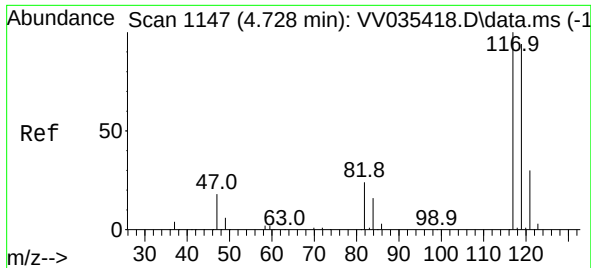
Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 43.7 35.4 53.2

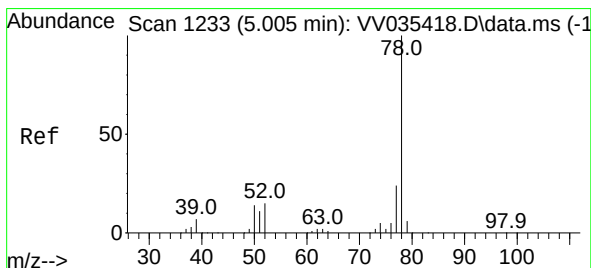
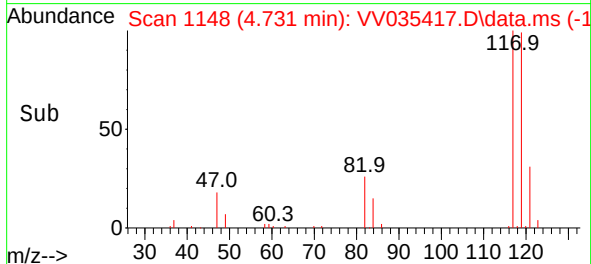
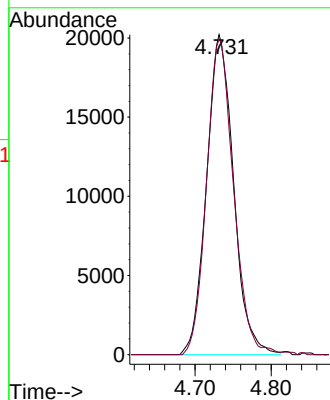
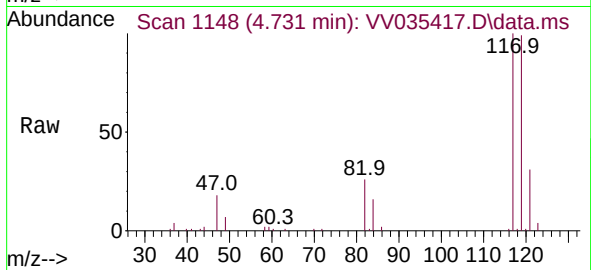




#31
Carbon tetrachloride
Concen: 9.411 ug/L
RT: 4.731 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

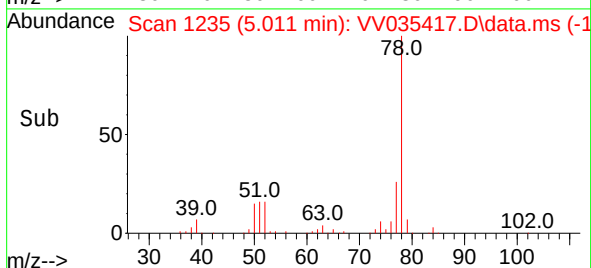
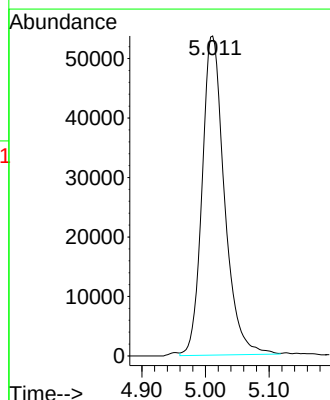
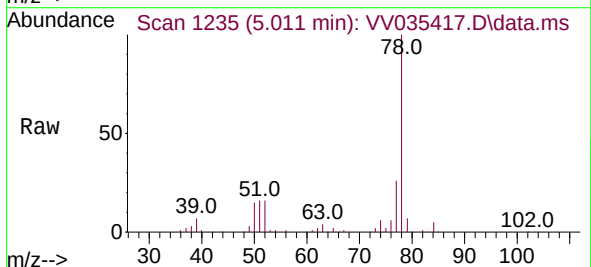
Instrument :
MSVOA_V
ClientSampleId :

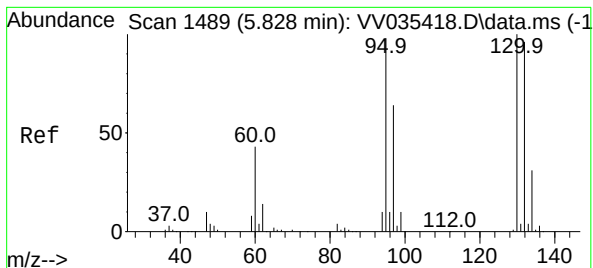
Tgt Ion:117 Resp: 49937
Ion Ratio Lower Upper
117 100
119 97.2 76.4 114.6



#33
Benzene
Concen: 9.164 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

Tgt Ion: 78 Resp: 130914





#34

Trichloroethene

Concen: 9.447 ug/L

RT: 5.838 min Scan# 1489

Delta R.T. 0.010 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 36601

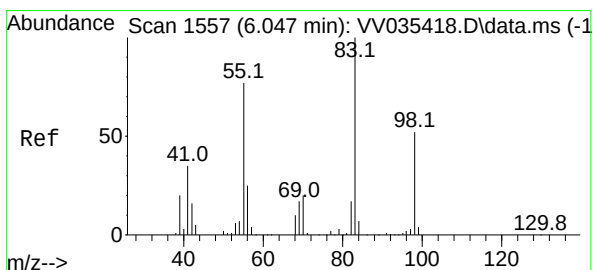
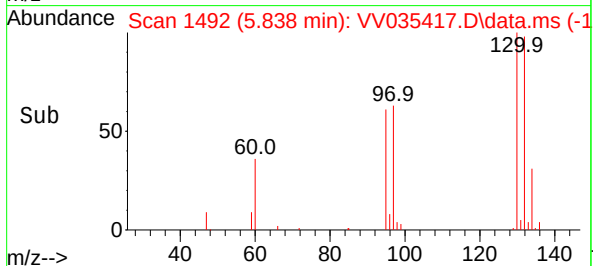
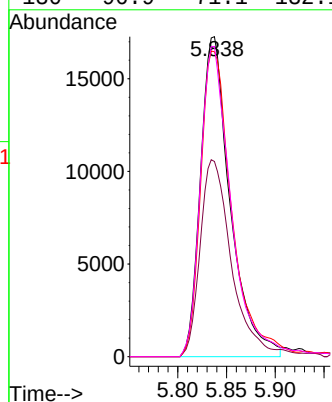
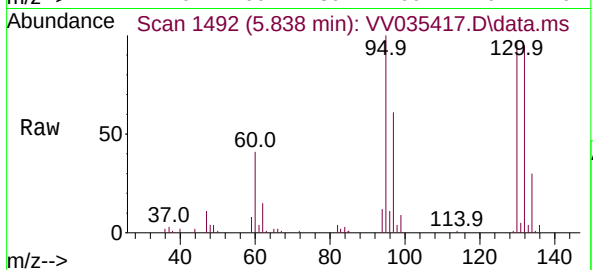
Ion Ratio Lower Upper

95 100

97 61.0 45.8 85.0

132 95.3 68.0 126.2

130 96.9 71.1 132.1



#35

Methylcyclohexane

Concen: 8.621 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

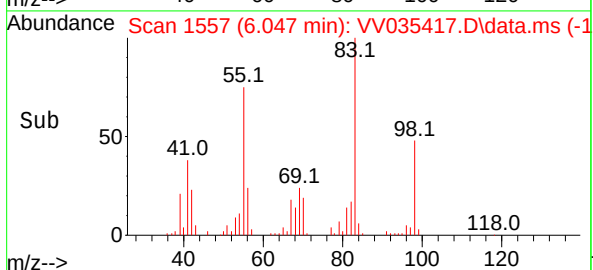
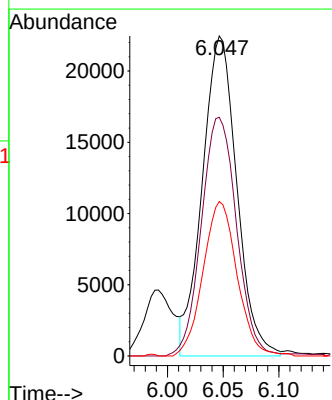
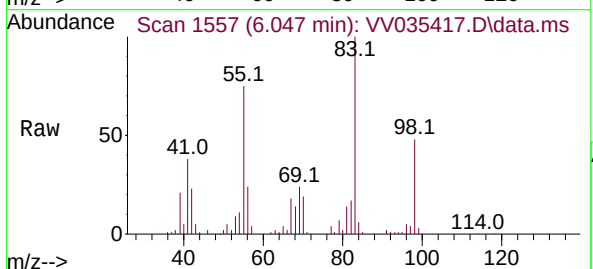
Tgt Ion: 83 Resp: 48328

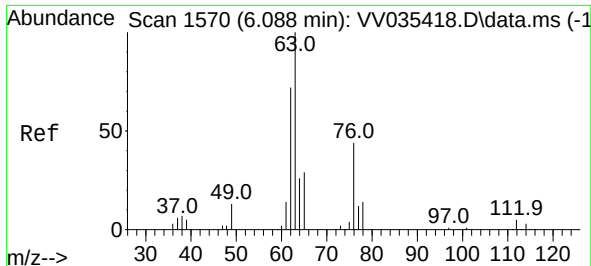
Ion Ratio Lower Upper

83 100

55 76.1 59.7 89.5

98 47.5 39.0 58.6





#37

1,2-Dichloropropane

Concen: 9.293 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

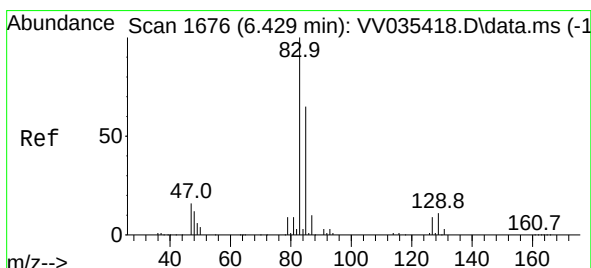
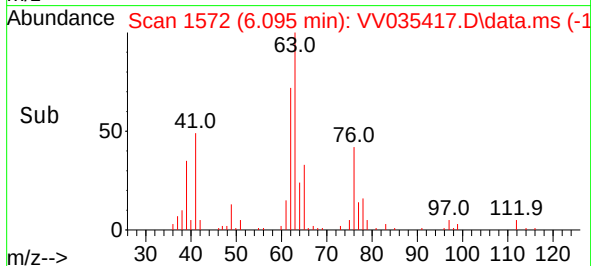
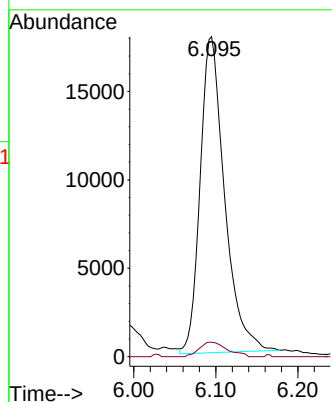
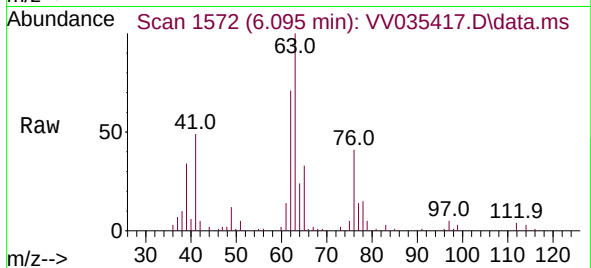
ClientSampleId :

Tgt Ion: 63 Resp: 37061

Ion Ratio Lower Upper

63 100

112 5.2 3.5 5.3



#38

Bromodichloromethane

Concen: 9.264 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

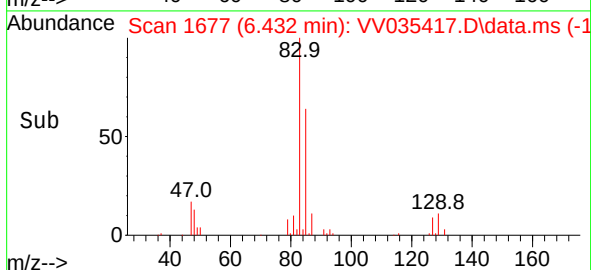
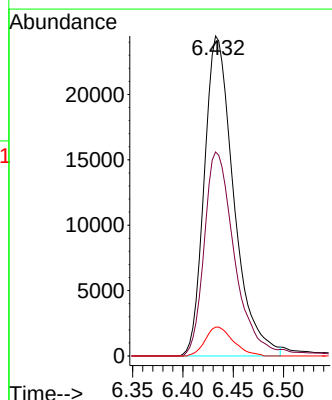
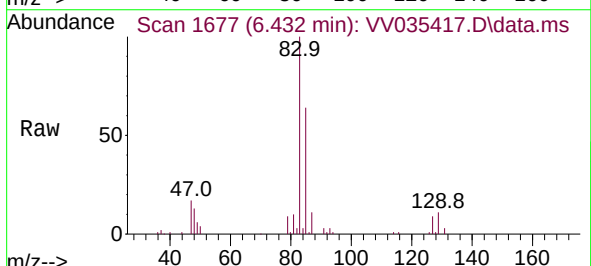
Tgt Ion: 83 Resp: 49889

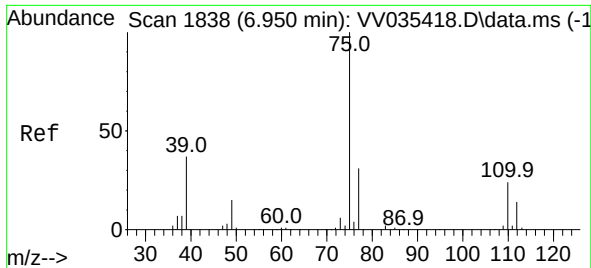
Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.9

127 9.0 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 8.523 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

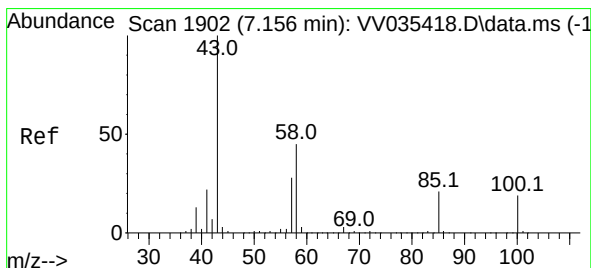
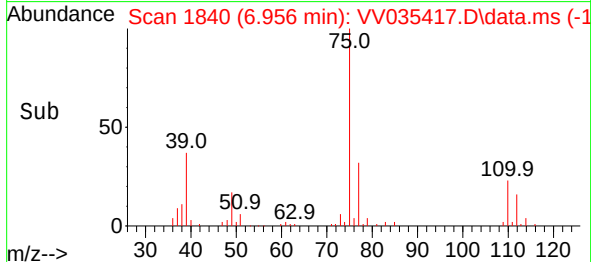
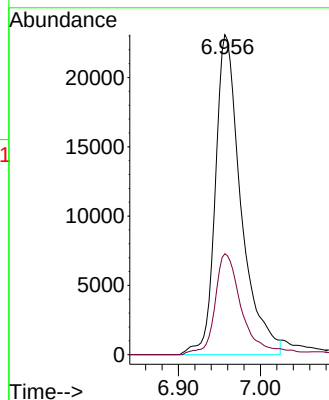
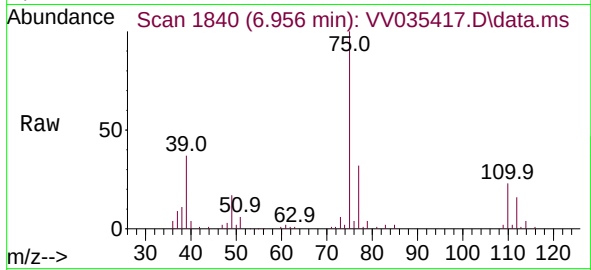
ClientSampleId :

Tgt Ion: 75 Resp: 50311

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 17.124 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

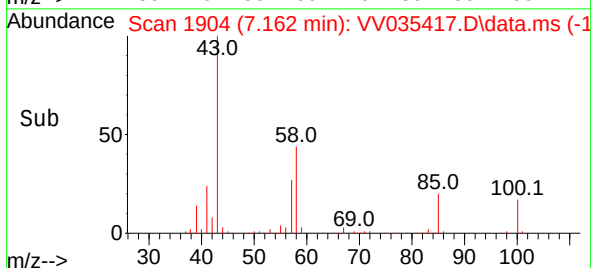
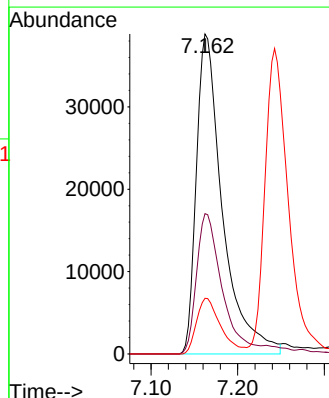
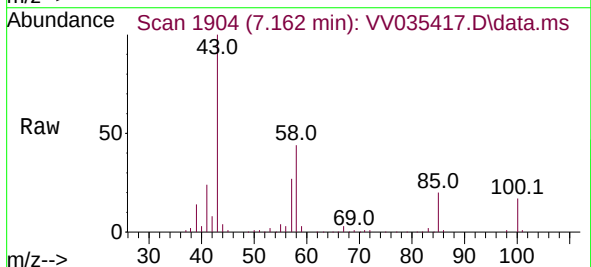
Tgt Ion: 43 Resp: 81555

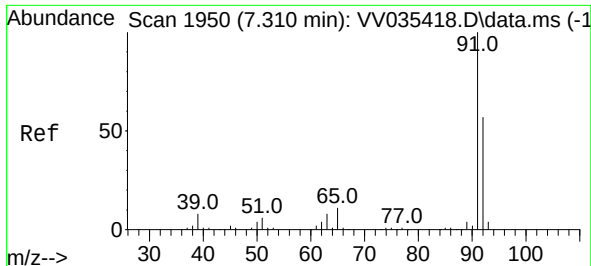
Ion Ratio Lower Upper

43 100

58 42.6 35.0 52.4

100 16.3 14.3 21.5





#42

Toluene

Concen: 9.117 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

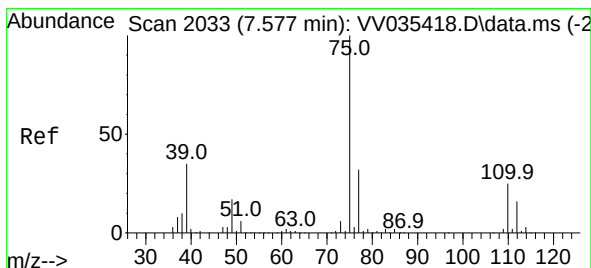
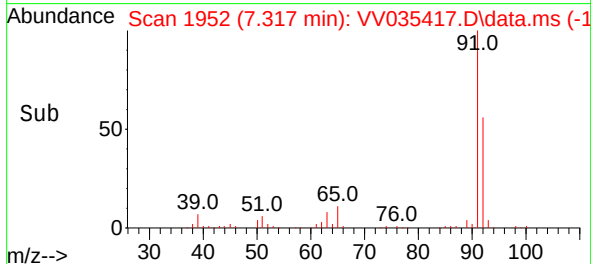
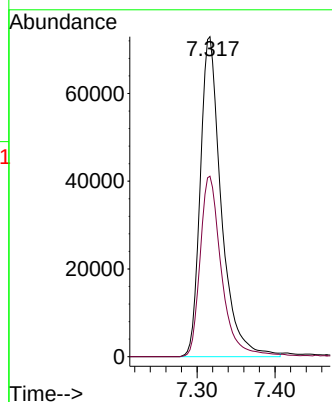
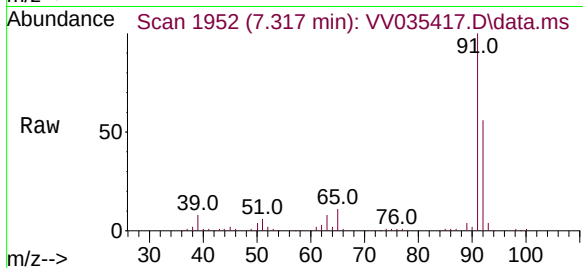
ClientSampleId :

Tgt Ion: 91 Resp: 136483

Ion Ratio Lower Upper

91 100

92 56.4 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 8.345 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.006 min

Lab File: VV035417.D

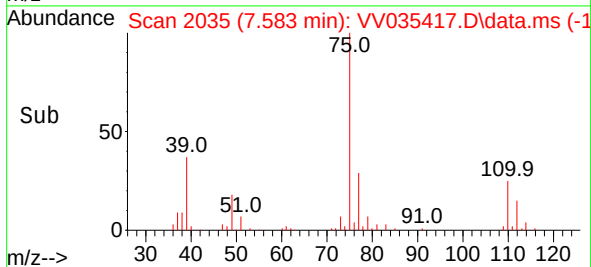
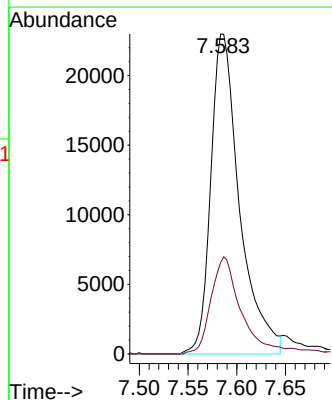
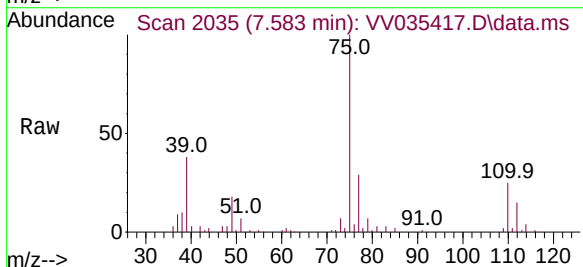
Acq: 26 Apr 2024 09:54

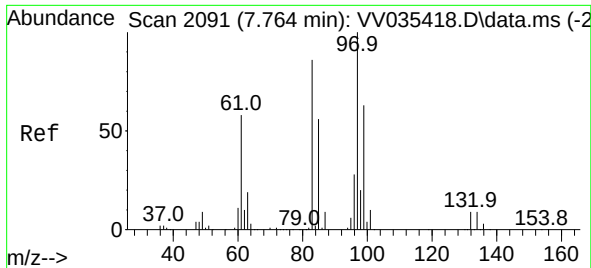
Tgt Ion: 75 Resp: 47284

Ion Ratio Lower Upper

75 100

77 28.6 22.1 41.1

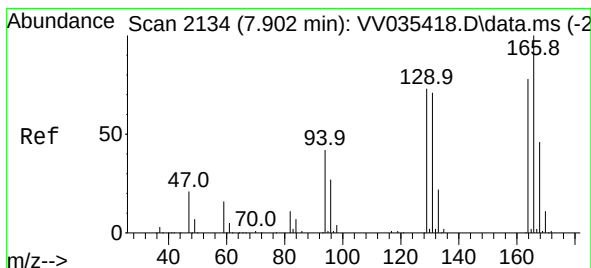
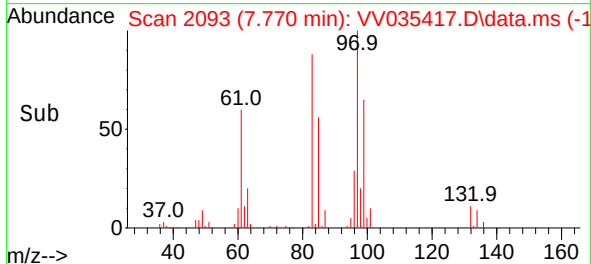
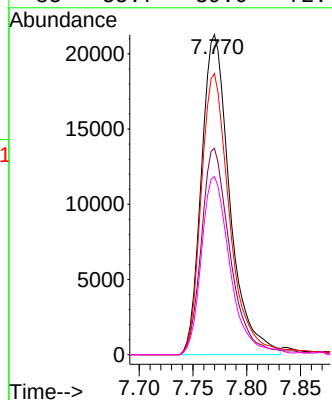
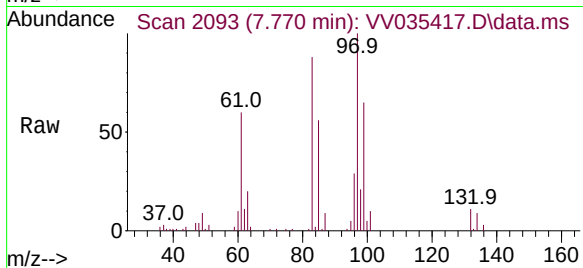




#45
1,1,2-Trichloroethane
Concen: 9.386 ug/L
RT: 7.770 min Scan# 2091
Delta R.T. 0.006 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

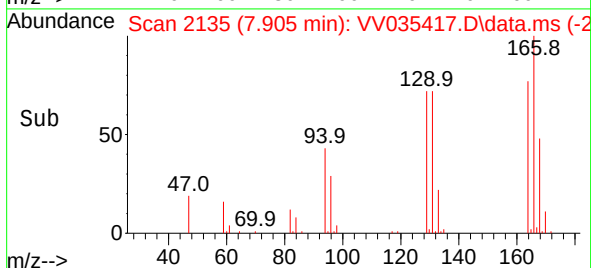
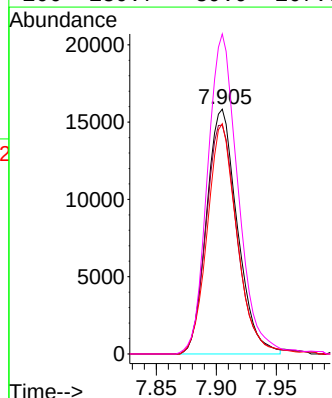
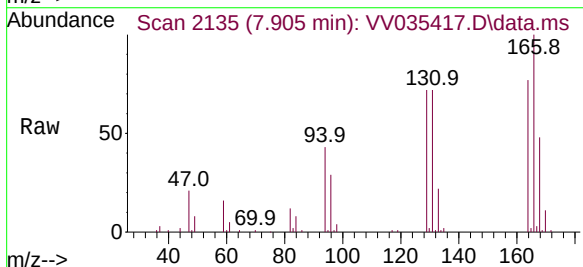
Instrument :
MSVOA_V
ClientSampleId :

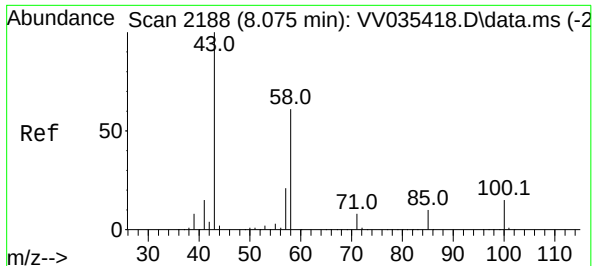
Tgt Ion:	97	Resp:	39092
Ion	Ratio	Lower	Upper
97	100		
99	64.5	44.3	82.3
83	87.9	60.5	112.3
85	55.7	39.0	72.4



#46
Tetrachloroethene
Concen: 9.326 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

Tgt Ion:	164	Resp:	28346
Ion	Ratio	Lower	Upper
164	100		
129	93.5	65.7	122.1
131	94.1	63.6	118.0
166	130.7	89.9	167.0

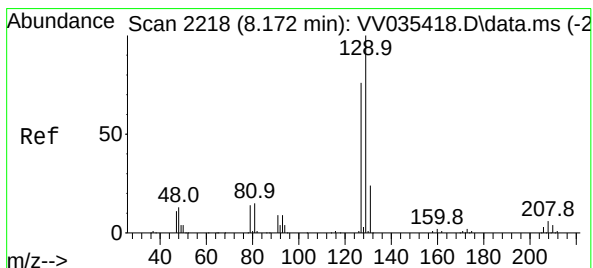
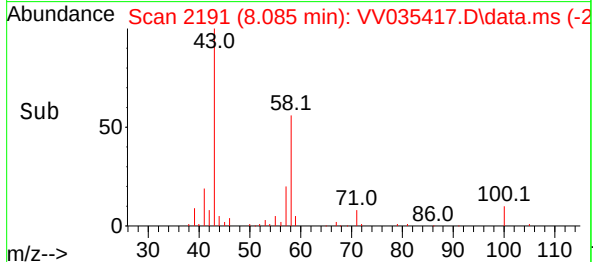
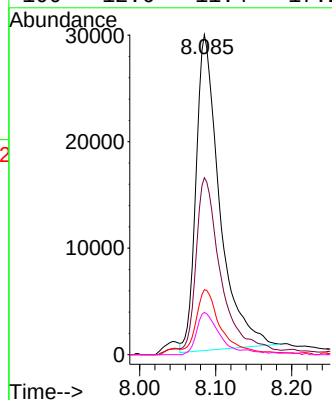
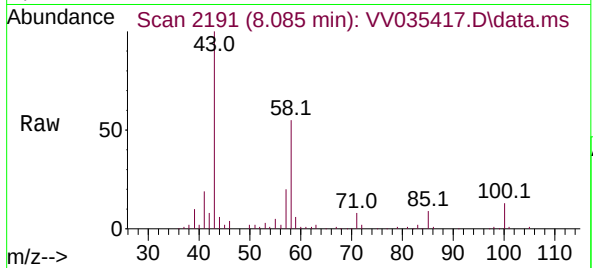




#48
2-Hexanone
Concen: 15.945 ug/L
RT: 8.085 min Scan# 2188
Delta R.T. 0.010 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

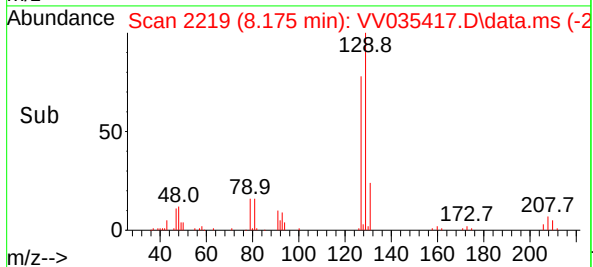
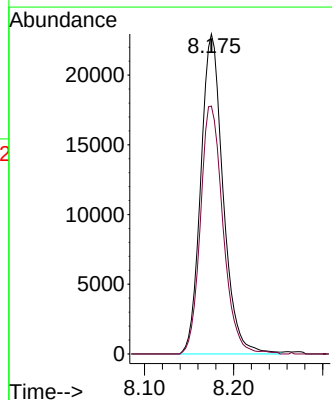
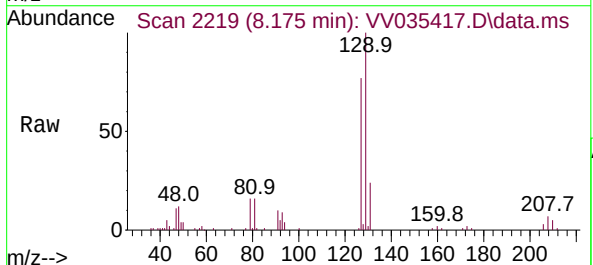
Instrument :
MSVOA_V
ClientSampleId :

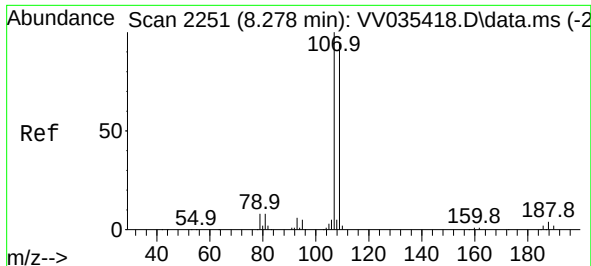
Tgt Ion: 43	Resp: 64009
Ion Ratio	Lower Upper
43	100
58	52.9 49.4 74.0
57	19.8 17.1 25.7
100	12.6 11.4 17.2



#49
Dibromochloromethane
Concen: 9.396 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

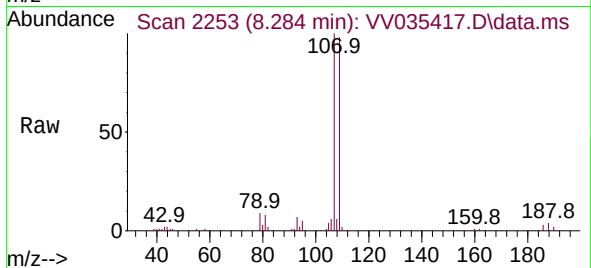
Tgt Ion: 129	Resp: 40004
Ion Ratio	Lower Upper
129	100
127	77.4 53.1 98.5



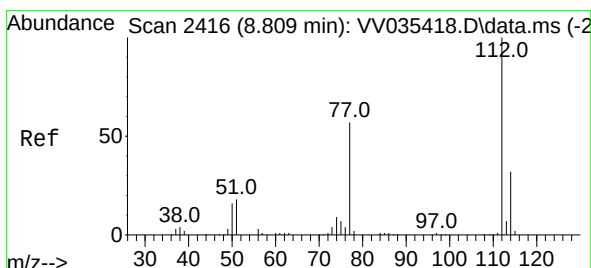
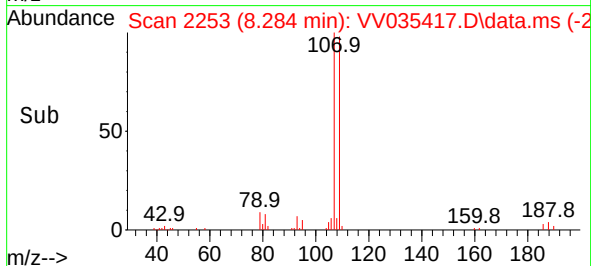
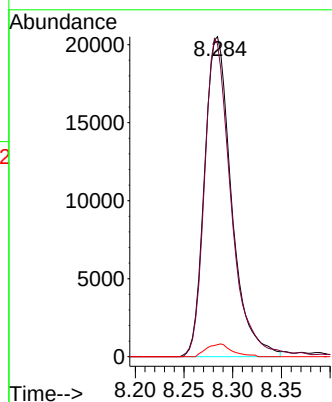


#50
1,2-Dibromoethane
Concen: 9.315 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

Instrument :
MSVOA_V
ClientSampleId :

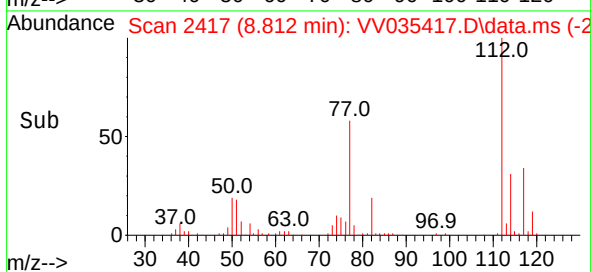
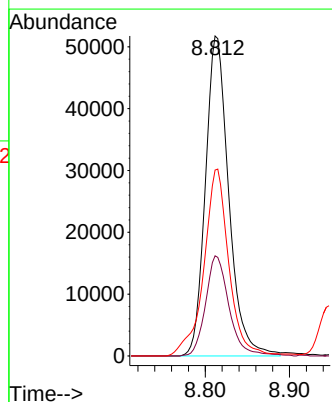
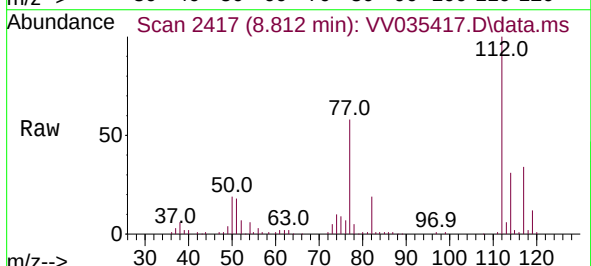


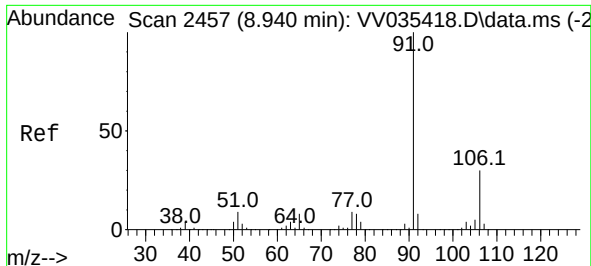
Tgt Ion:107 Resp: 39468
Ion Ratio Lower Upper
107 100
109 97.8 65.7 122.1
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 9.448 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

Tgt Ion:112 Resp: 99732
Ion Ratio Lower Upper
112 100
114 31.3 22.4 41.6
77 58.1 45.6 68.4





#52

Ethylbenzene

Concen: 8.628 ug/L

RT: 8.947 min Scan# 2457

Delta R.T. 0.006 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

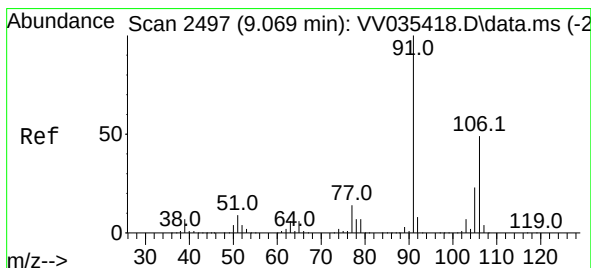
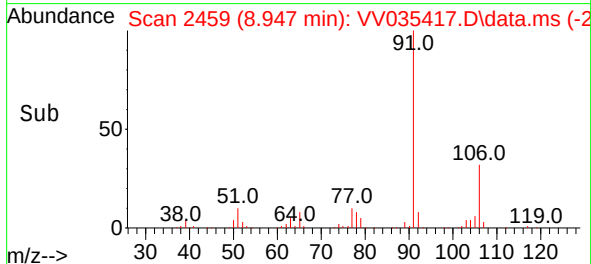
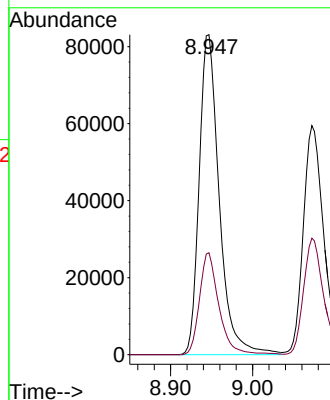
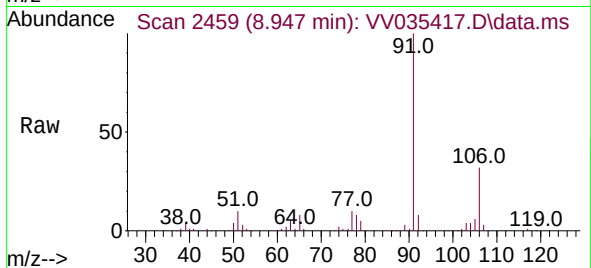
ClientSampleId :

Tgt Ion: 91 Resp: 141139

Ion Ratio Lower Upper

91 100

106 31.9 21.3 39.5



#53

m,p-Xylene

Concen: 8.450 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV035417.D

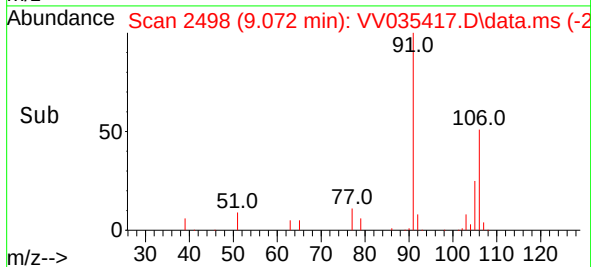
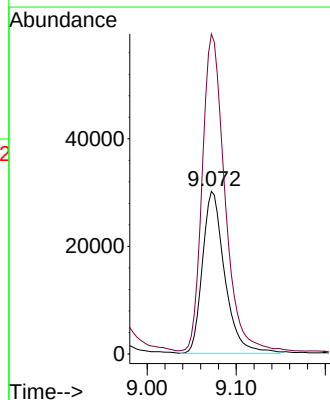
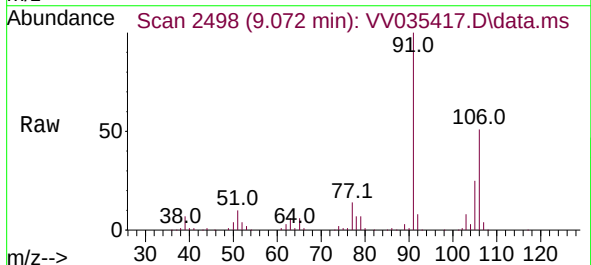
Acq: 26 Apr 2024 09:54

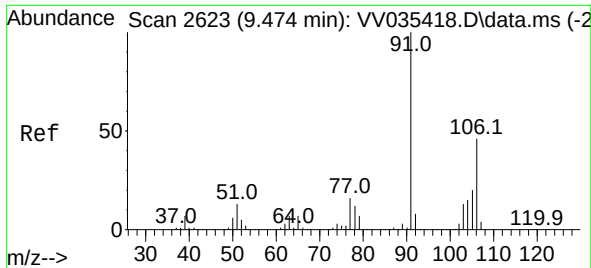
Tgt Ion:106 Resp: 52311

Ion Ratio Lower Upper

106 100

91 196.7 142.2 264.0

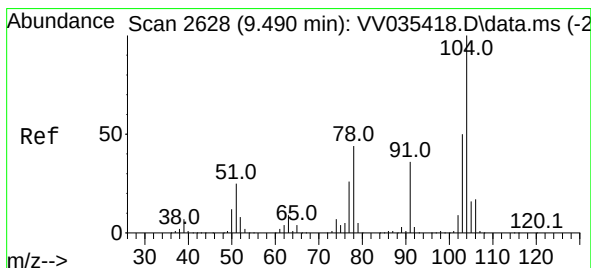
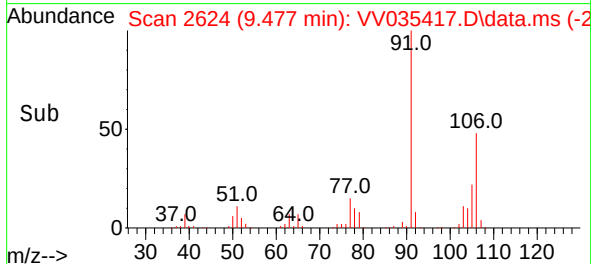
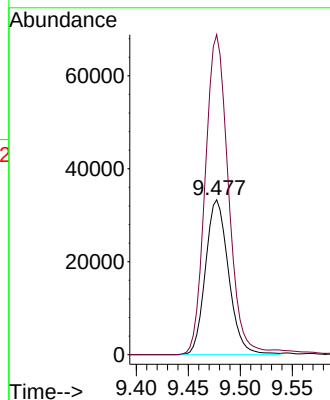
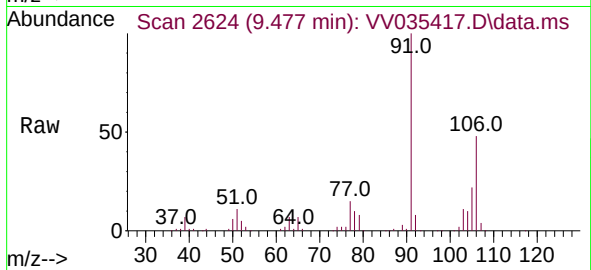




#54
o-Xylene
Concen: 8.529 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

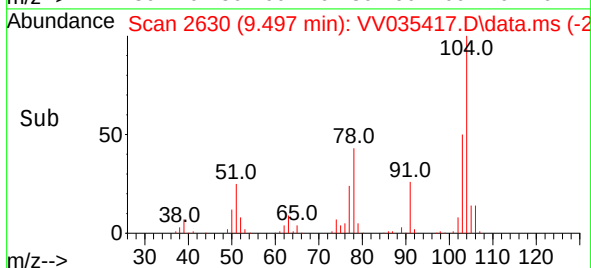
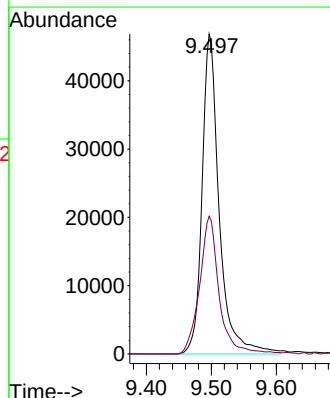
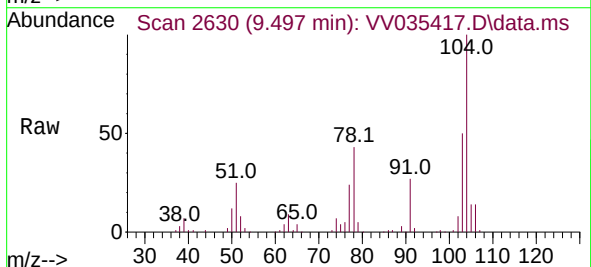
Instrument :
MSVOA_V
ClientSampleId :

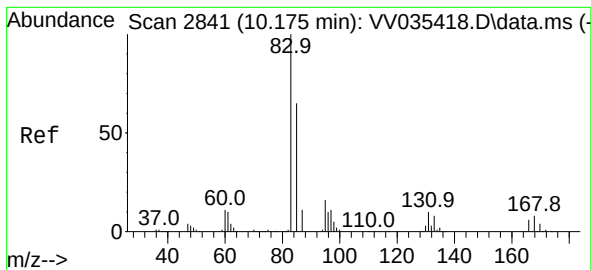
Tgt Ion:106 Resp: 51630
Ion Ratio Lower Upper
106 100
91 206.5 152.7 283.5



#55
Styrene
Concen: 8.236 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.006 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

Tgt Ion:104 Resp: 85977
Ion Ratio Lower Upper
104 100
78 43.1 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 9.462 ug/L

RT: 10.178 min Scan# 2841

Delta R.T. 0.003 min

Lab File: VV035417.D

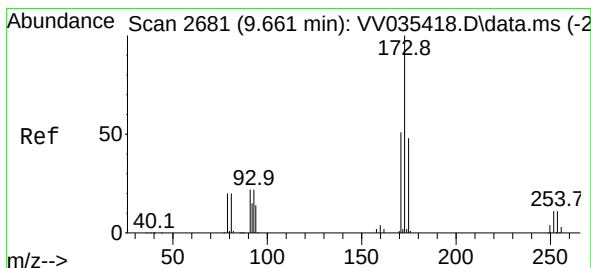
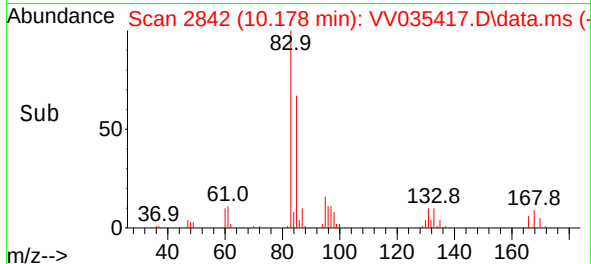
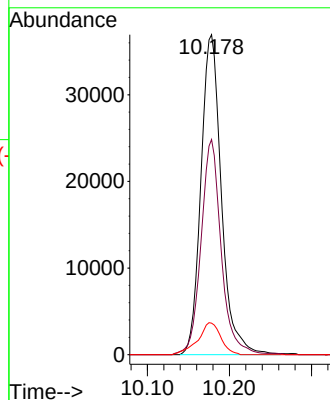
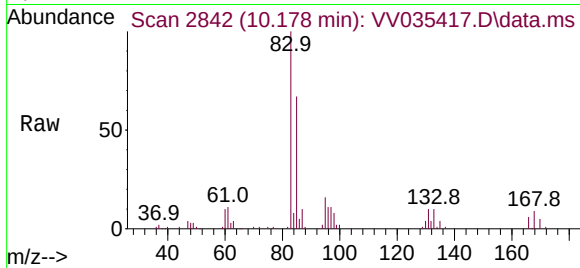
Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	64056
Ion Ratio	Lower	Upper	
83	100		
85	67.3	45.4	84.2
131	9.9	7.9	11.9



#59

Bromoform

Concen: 9.471 ug/L

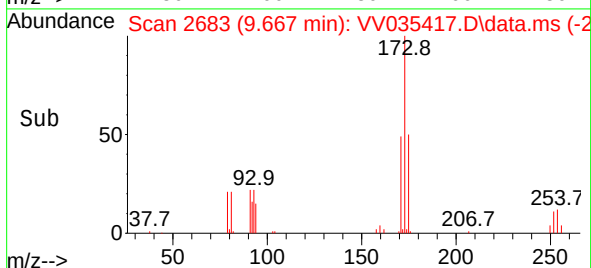
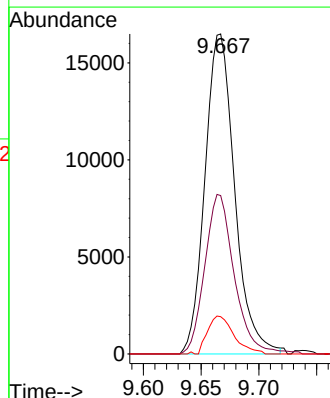
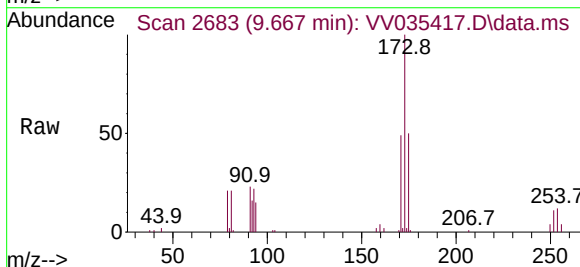
RT: 9.667 min Scan# 2683

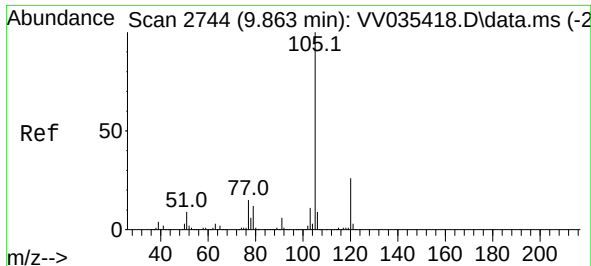
Delta R.T. 0.006 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

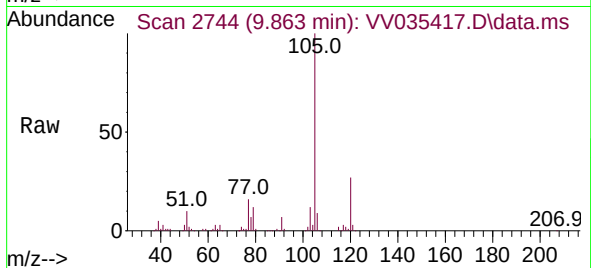
Tgt Ion:	173	Resp:	29553
Ion Ratio	Lower	Upper	
173	100		
175	49.4	38.6	58.0
254	10.5	8.7	13.1



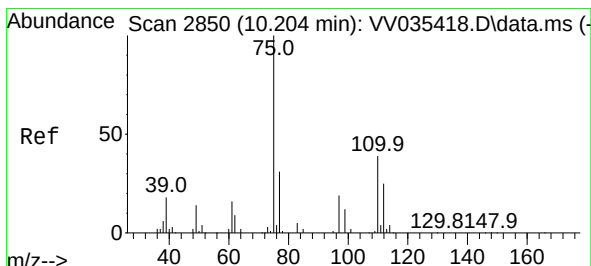
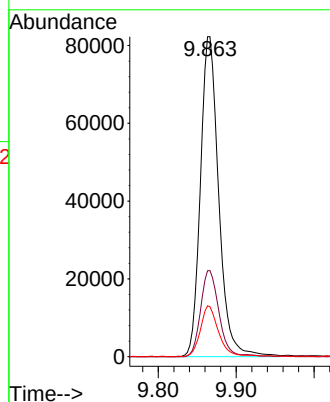
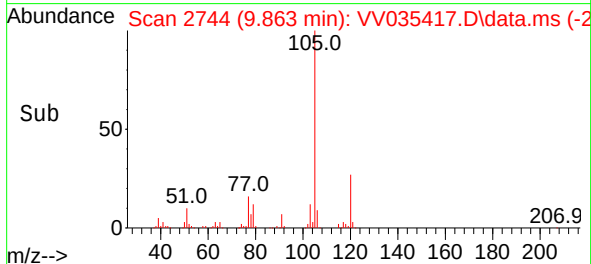


#60
Isopropylbenzene
Concen: 8.911 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

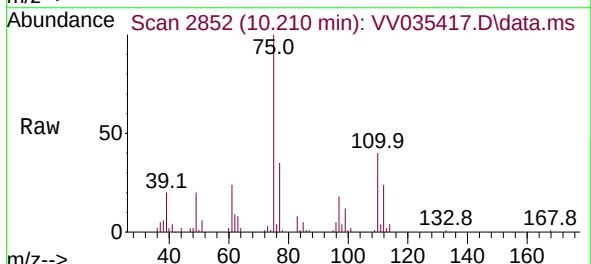
Instrument :
MSVOA_V
ClientSampleId :



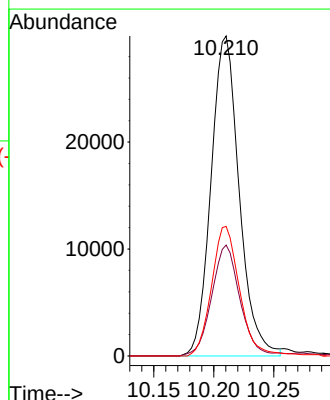
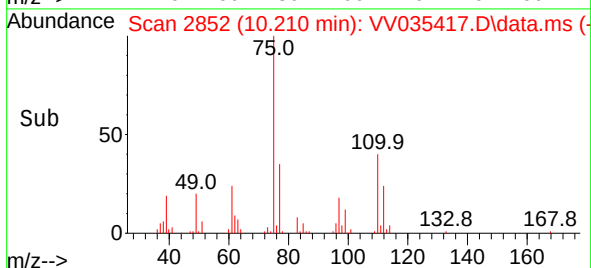
Tgt Ion:105 Resp: 134371
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.5 12.4 18.6

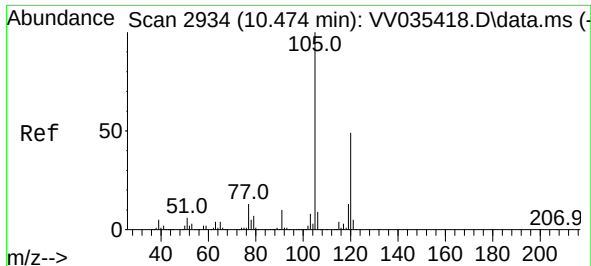


#61
1,2,3-Trichloropropane
Concen: 9.934 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.006 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54



Tgt Ion: 75 Resp: 48871
Ion Ratio Lower Upper
75 100
77 34.5 25.3 37.9
110 40.2 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 8.311 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

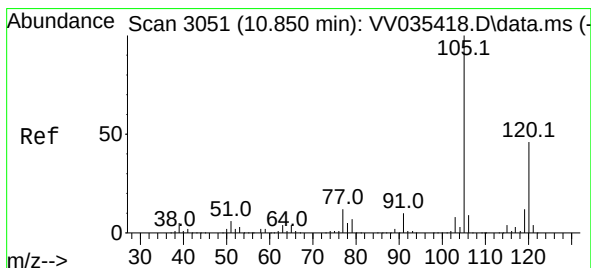
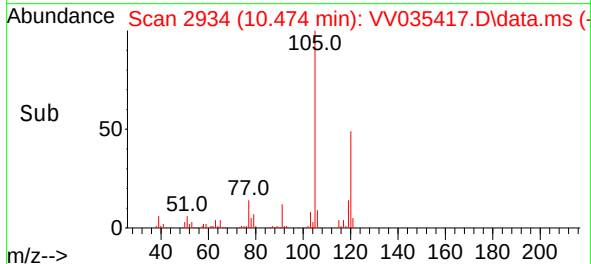
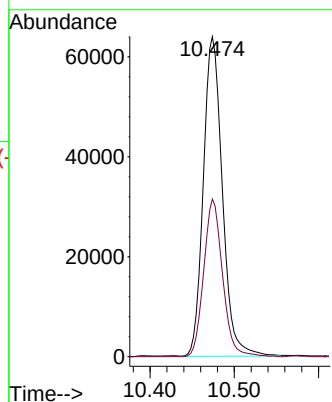
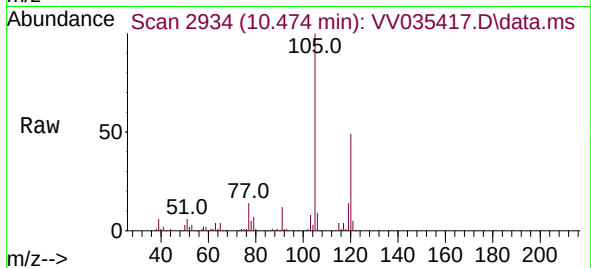
ClientSampleId :

Tgt Ion:105 Resp: 100966

Ion Ratio Lower Upper

105 100

120 48.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 7.841 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035417.D

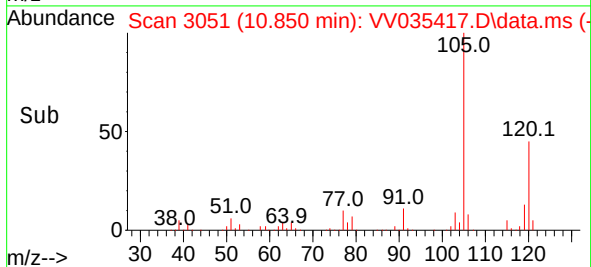
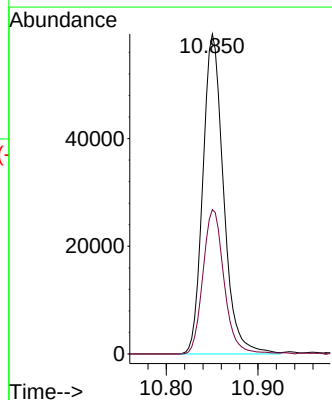
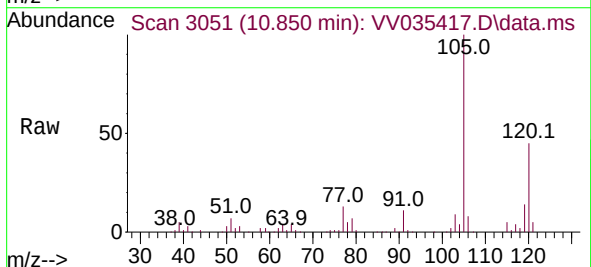
Acq: 26 Apr 2024 09:54

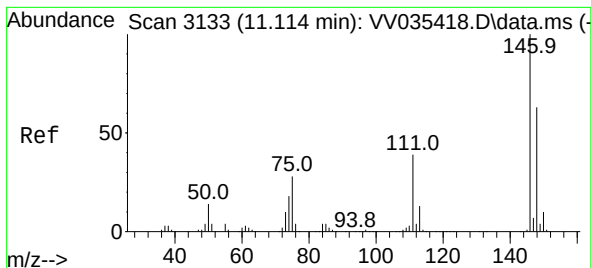
Tgt Ion:105 Resp: 93252

Ion Ratio Lower Upper

105 100

120 46.0 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 9.488 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

ClientSampleId :

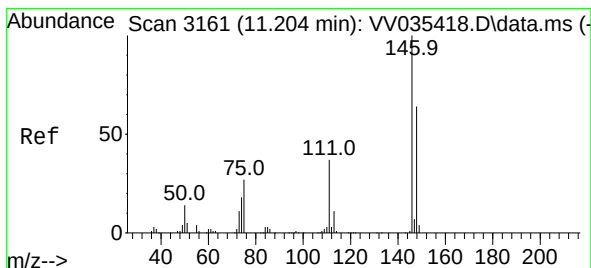
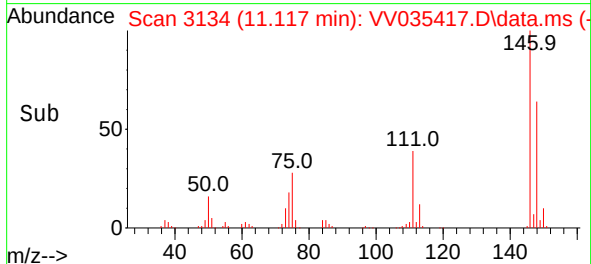
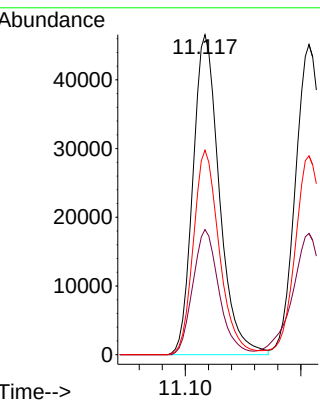
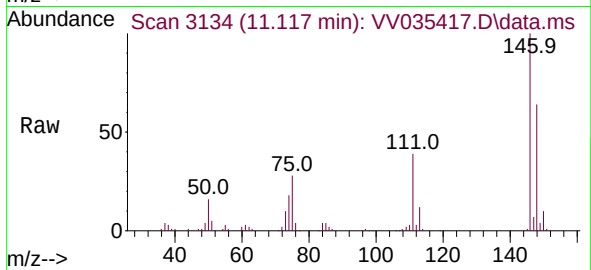
Tgt Ion:146 Resp: 74115

Ion Ratio Lower Upper

146 100

111 39.1 27.0 50.2

148 63.9 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 9.720 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

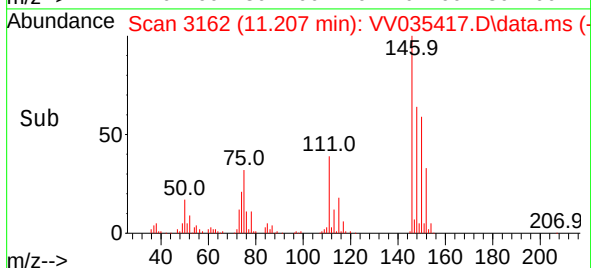
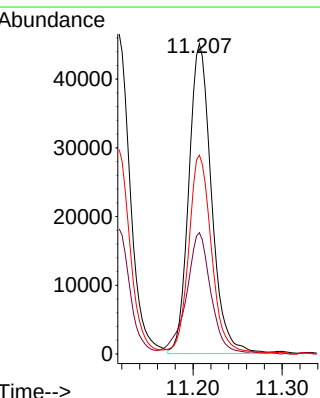
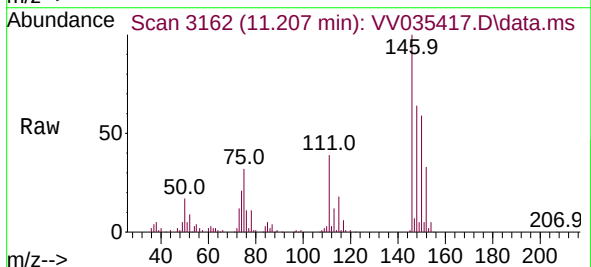
Tgt Ion:146 Resp: 79644

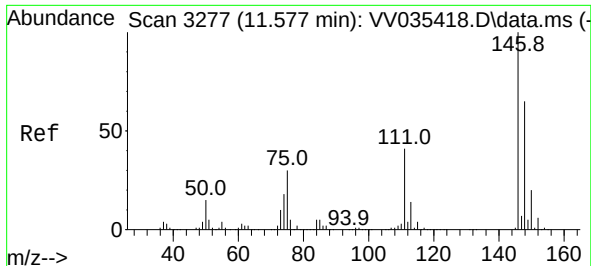
Ion Ratio Lower Upper

146 100

111 39.1 26.5 49.1

148 64.1 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 9.544 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

ClientSampleId :

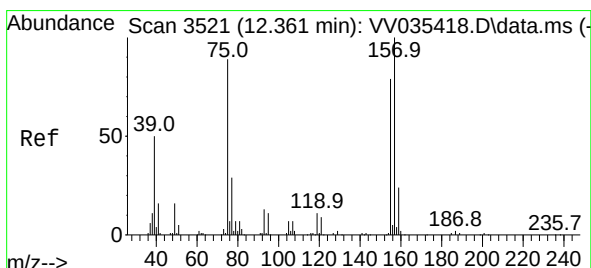
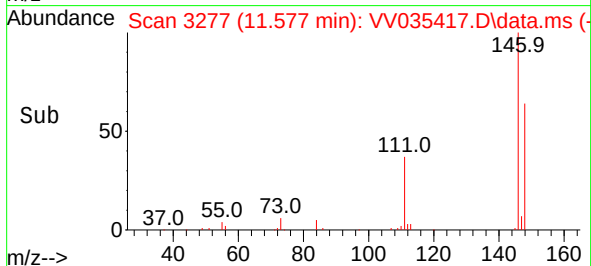
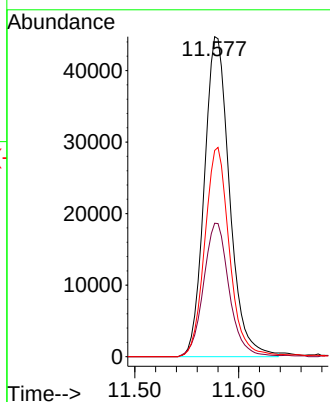
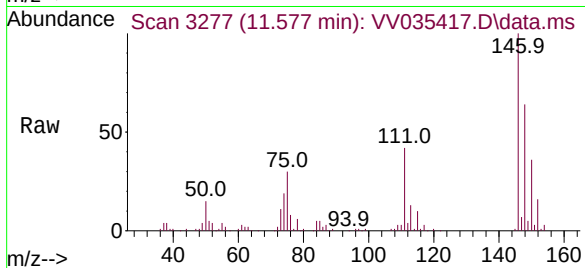
Tgt Ion:146 Resp: 75532

Ion Ratio Lower Upper

146 100

111 41.7 33.3 49.9

148 64.4 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 8.802 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

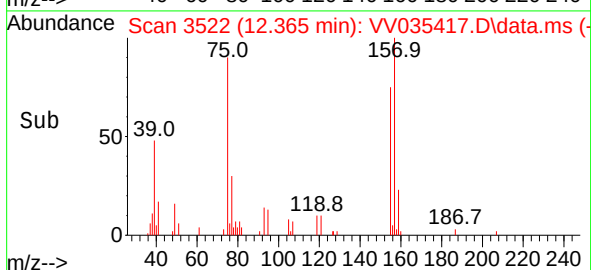
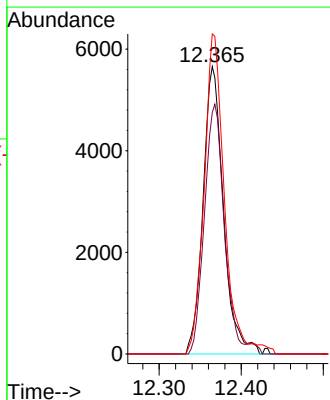
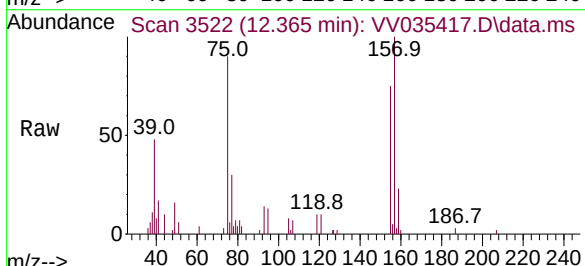
Tgt Ion: 75 Resp: 9797

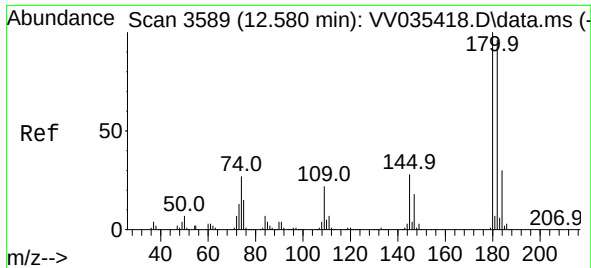
Ion Ratio Lower Upper

75 100

155 84.0 70.6 106.0

157 111.3 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 8.721 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

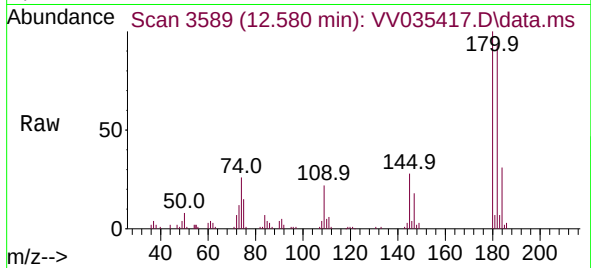
Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 48267

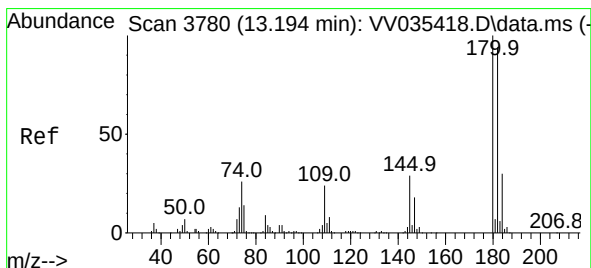
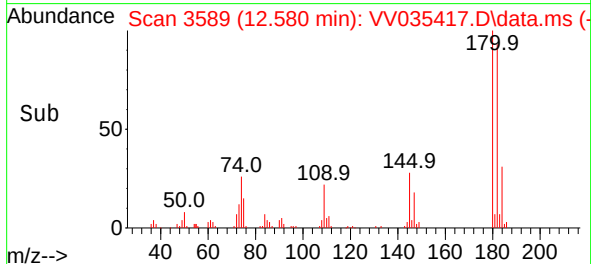
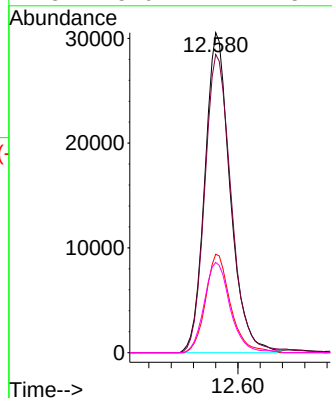
Ion Ratio Lower Upper

180 100

182 97.0 76.2 114.2

184 30.3 23.8 35.6

145 28.6 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 8.067 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035417.D

Acq: 26 Apr 2024 09:54

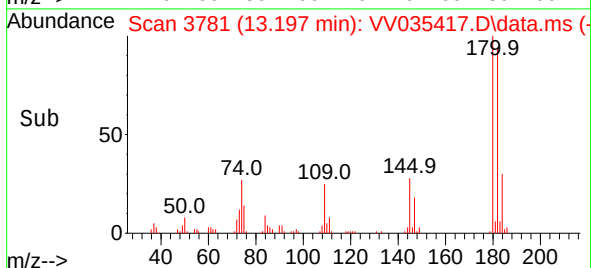
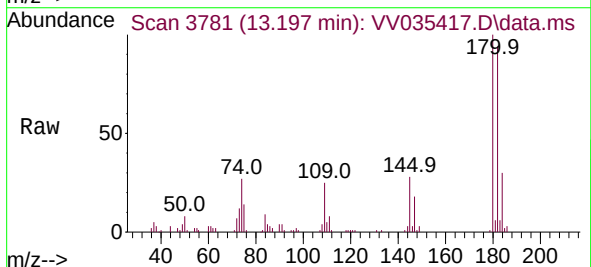
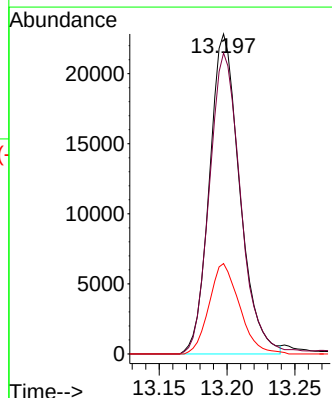
Tgt Ion:180 Resp: 35444

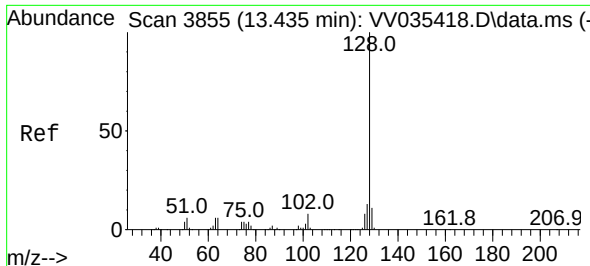
Ion Ratio Lower Upper

180 100

182 96.5 75.1 112.7

145 28.4 23.2 34.8

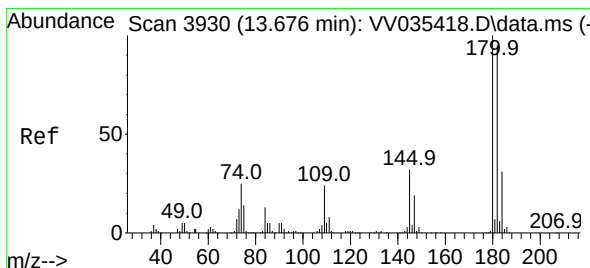
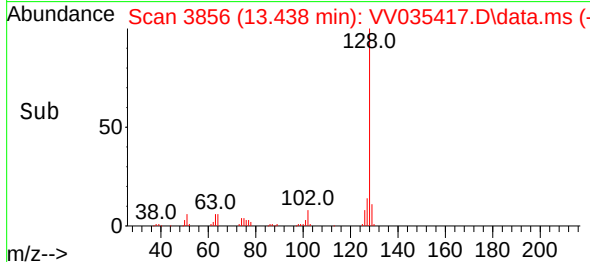
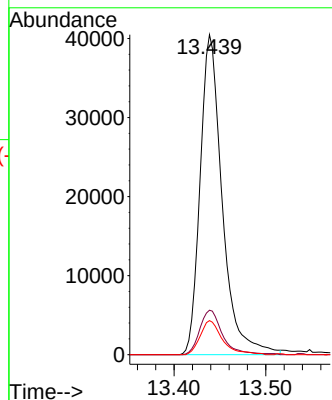
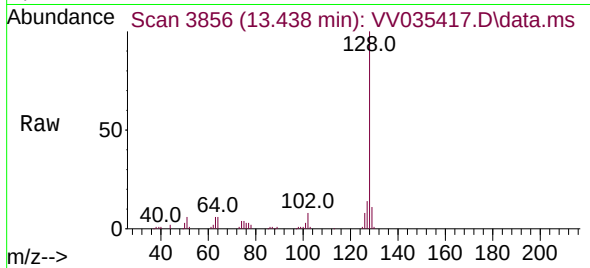




#71
Naphthalene
Concen: 7.137 ug/L
RT: 13.438 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 67914
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 10.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 8.147 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035417.D
Acq: 26 Apr 2024 09:54

Tgt Ion:180 Resp: 34879
Ion Ratio Lower Upper
180 100
182 98.1 76.6 115.0
145 30.0 24.7 37.1

