

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035416.D
 Acq On : 26 Apr 2024 09:29
 Operator : SY/MD
 Sample : VSTD00541
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 00:02:31 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	499692	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	499963	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	232785	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22228	5.535	ug/L	0.00
7) Chloroethane-d5	1.529	69	15311	6.655	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	9239	5.629	ug/L	0.00
21) 2-Butanone-d5	3.844	46	7872	3.842	ug/L	0.05
24) Chloroform-d	4.249	84	36871	5.456	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	20478	5.203	ug/L	0.01
32) Benzene-d6	4.963	84	67122	5.109	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	20921	5.161	ug/L	0.00
41) Toluene-d8	7.246	98	55890	4.720	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	8699	4.587	ug/L	0.02
47) 2-Hexanone-d5	8.050	63	7719	6.750	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	30333	5.250	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	22032	5.410	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	20755	5.650	ug/L	97
3) Chloromethane	1.217	50	21802	5.848	ug/L	96
5) Vinyl chloride	1.285	62	21839	5.553	ug/L	97
6) Bromomethane	1.487	94	12823	5.567	ug/L	92
8) Chloroethane	1.545	64	11020	6.348	ug/L	99
9) Trichlorofluoromethane	1.706	101	30305	5.705	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	18728	5.628	ug/L	99
12) 1,1-Dichloroethene	2.066	96	16505	5.591	ug/L	94
13) Acetone	2.124	43	27590	11.281	ug/L	99
14) Carbon disulfide	2.236	76	46170	5.630	ug/L	99
15) Methyl Acetate	2.381	43	20729	5.589	ug/L	96
16) Methylene chloride	2.445	84	21494	5.756	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	17477	5.506	ug/L	91
18) Methyl tert-butyl Ether	2.703	73	51956	4.860	ug/L	97
19) 1,1-Dichloroethane	3.108	63	36035	5.484	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	17393	4.871	ug/L	98
22) 2-Butanone	3.825	43	109	0.040	ug/L	83
23) Bromochloromethane	4.156	128	10848	5.459	ug/L	97
25) Chloroform	4.275	83	37451	5.514	ug/L	97
27) 1,2-Dichloroethane	5.047	62	27356	5.485	ug/L	96
29) Cyclohexane	4.577	56	20838	4.532	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	30591	5.378	ug/L	99
31) Carbon tetrachloride	4.732	117	27668	5.568	ug/L	96
33) Benzene	5.011	78	69239	5.175	ug/L	100
34) Trichloroethene	5.838	95	19023	5.243	ug/L	96
35) Methylcyclohexane	6.043	83	24637	4.693	ug/L	98
37) 1,2-Dichloropropane	6.098	63	18692	5.005	ug/L	99
38) Bromodichloromethane	6.436	83	27217	5.397	ug/L	95
39) cis-1,3-Dichloropropene	6.963	75	23201	4.197	ug/L	96
40) 4-Methyl-2-pentanone	7.169	43	38974	8.738	ug/L	93
42) Toluene	7.317	91	66999	4.779	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	23566	4.441	ug/L	100

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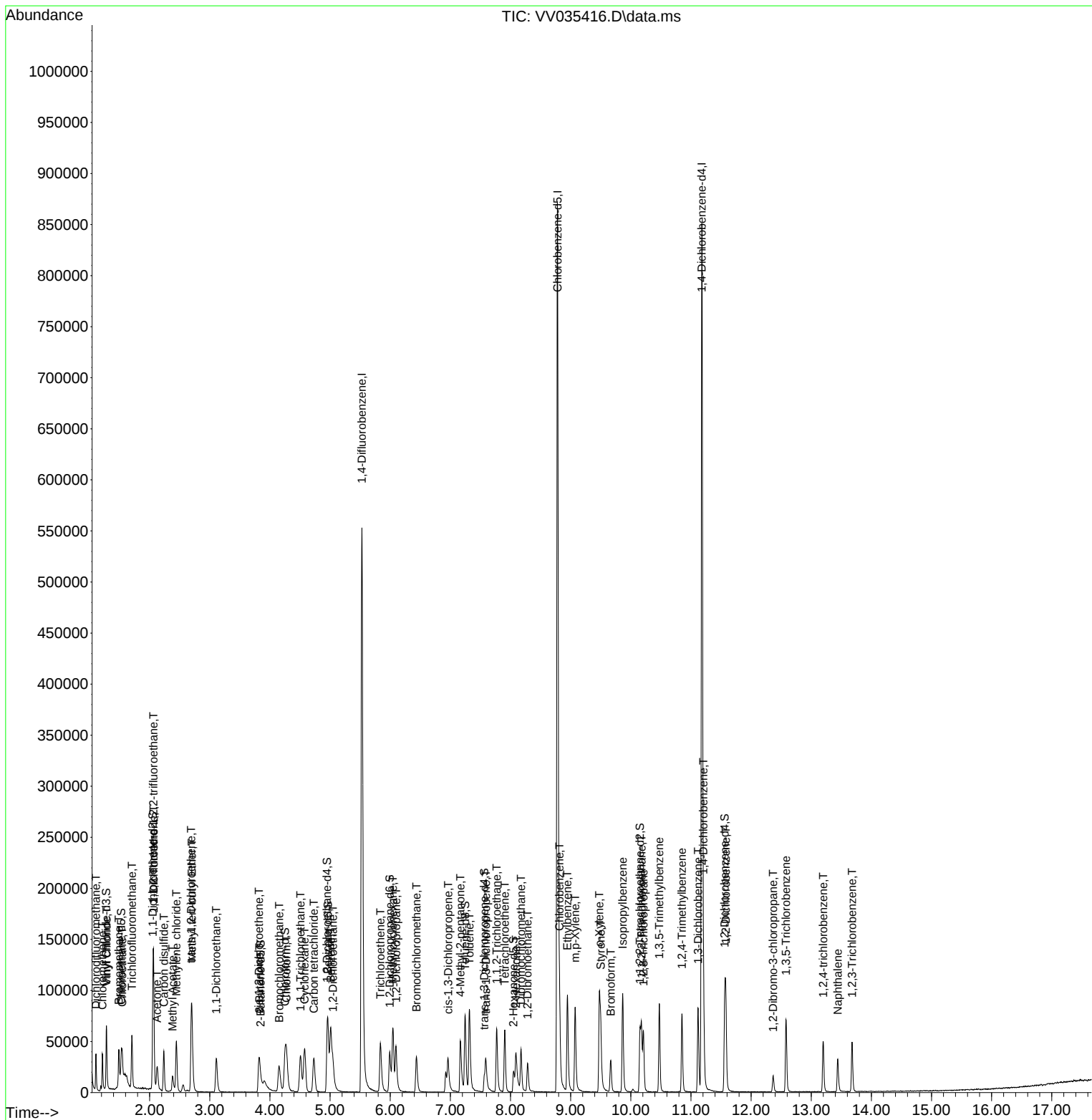
Quant Time: Apr 27 00:02:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
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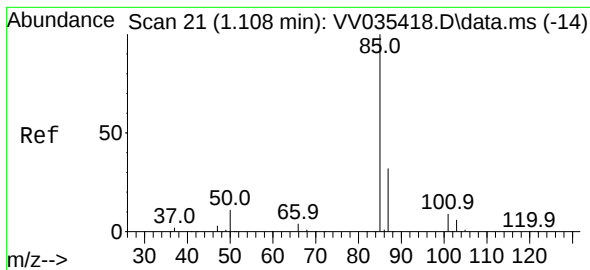
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	21264	5.452	ug/L	98
46) Tetrachloroethene	7.905	164	14838	5.213	ug/L	99
48) 2-Hexanone	8.092	43	29252	7.781	ug/L #	94
49) Dibromochloromethane	8.175	129	20112	5.044	ug/L	94
50) 1,2-Dibromoethane	8.284	107	20154	5.079	ug/L	97
51) Chlorobenzene	8.815	112	52583	5.319	ug/L	98
52) Ethylbenzene	8.947	91	70139	4.579	ug/L	98
53) m,p-Xylene	9.075	106	25883	4.464	ug/L	97
54) o-Xylene	9.477	106	24280	4.283	ug/L	98
55) Styrene	9.500	104	38380	3.926	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	33804	5.332	ug/L	97
59) Bromoform	9.667	173	14782	5.349	ug/L	96
60) Isopropylbenzene	9.866	105	62976	4.716	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	25420	5.834	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	46978	4.366	ug/L	97
63) 1,2,4-Trimethylbenzene	10.850	105	43224	4.103	ug/L	97
64) 1,3-Dichlorobenzene	11.120	146	35700	5.160	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	40423	5.570	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	38145	5.442	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	4842	4.912	ug/L	88
69) 1,3,5-Trichlorobenzene	12.580	180	24678	5.034	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	17427	4.478	ug/L	97
71) Naphthalene	13.442	128	29059	3.448	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	15958	4.209	ug/L	99

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

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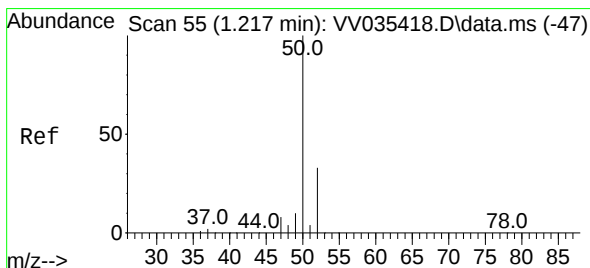
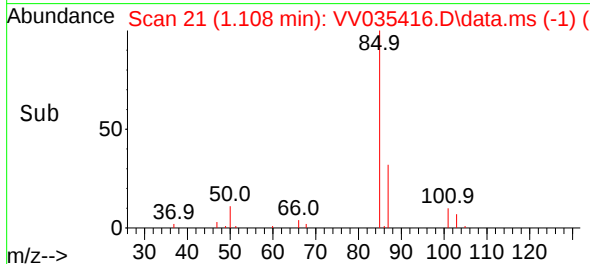
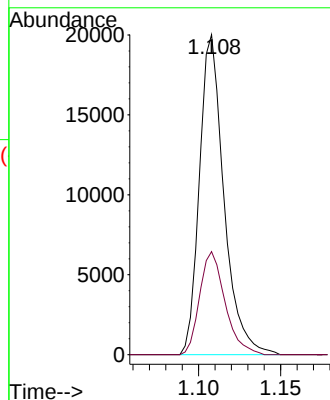
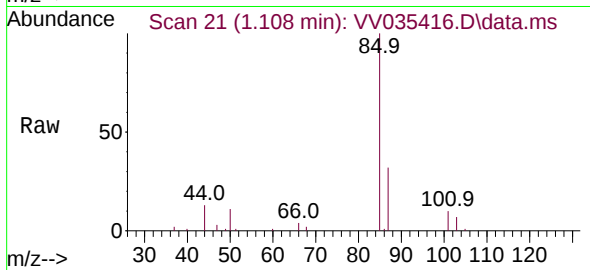




#2
 Dichlorodifluoromethane
 Concen: 5.650 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035416.D
 Acq: 26 Apr 2024 09:29

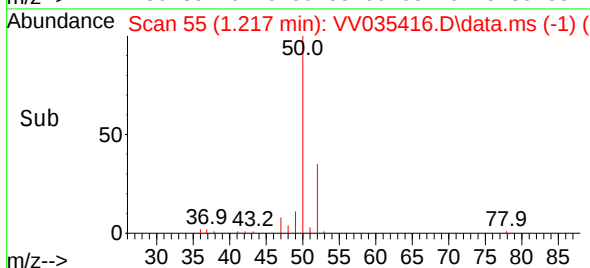
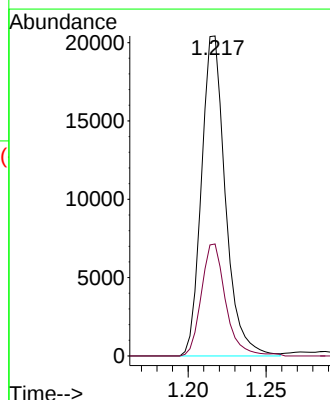
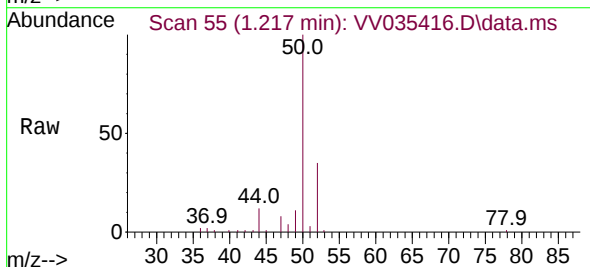
Instrument :
 MSVOA_V
 ClientSampleId :

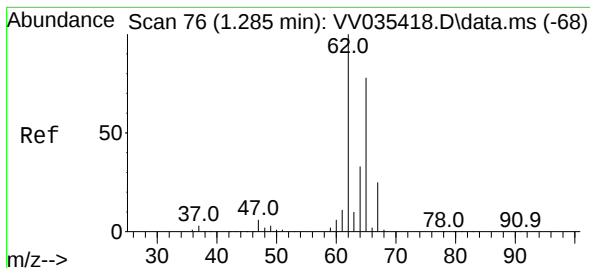
Tgt Ion: 85 Resp: 20755
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.4 38.2



#3
 Chloromethane
 Concen: 5.848 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV035416.D
 Acq: 26 Apr 2024 09:29

Tgt Ion: 50 Resp: 21802
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.0 42.8





#5

Vinyl chloride

Concen: 5.553 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

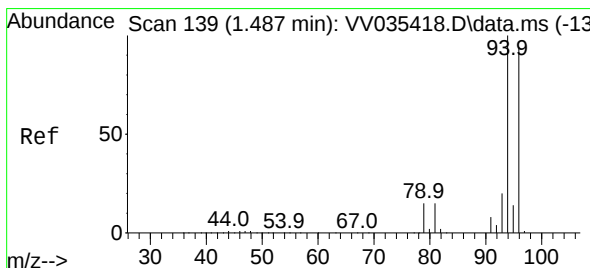
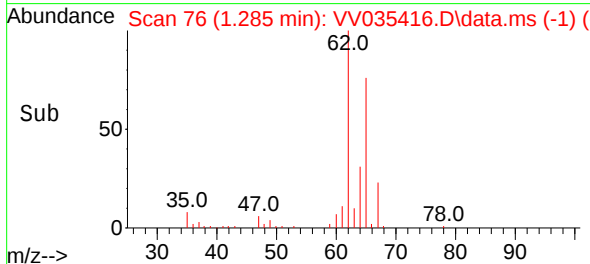
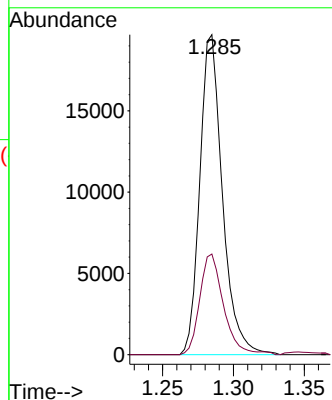
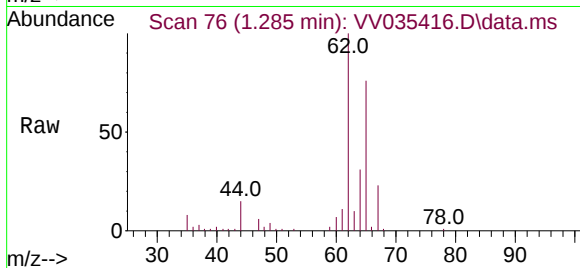
ClientSampleId :

Tgt Ion: 62 Resp: 21839

Ion Ratio Lower Upper

62 100

64 31.4 23.2 43.2



#6

Bromomethane

Concen: 5.567 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035416.D

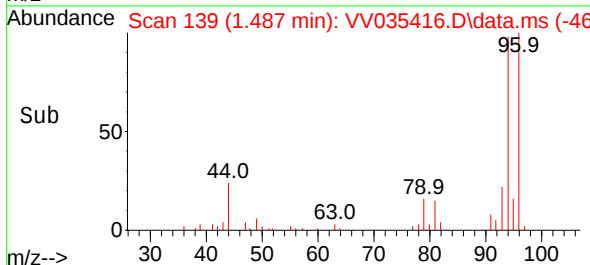
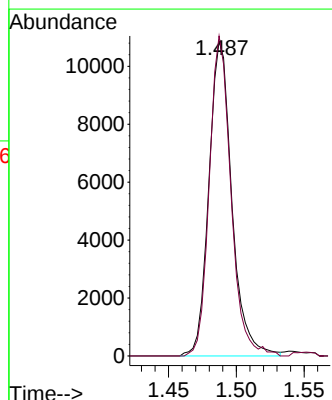
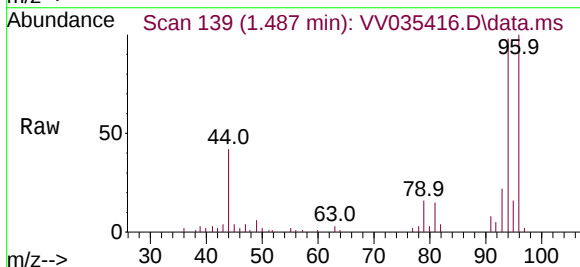
Acq: 26 Apr 2024 09:29

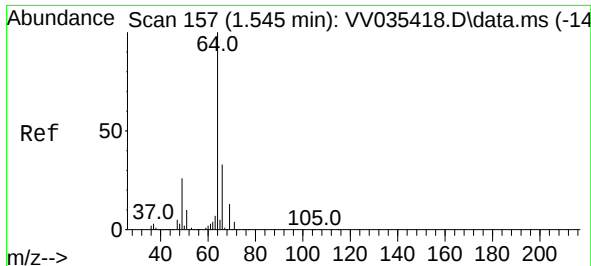
Tgt Ion: 94 Resp: 12823

Ion Ratio Lower Upper

94 100

96 101.7 66.1 122.7

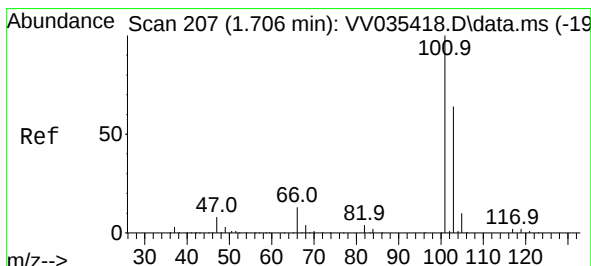
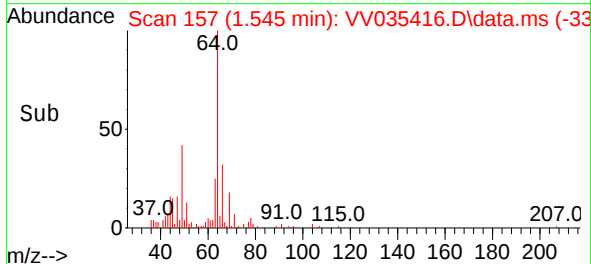
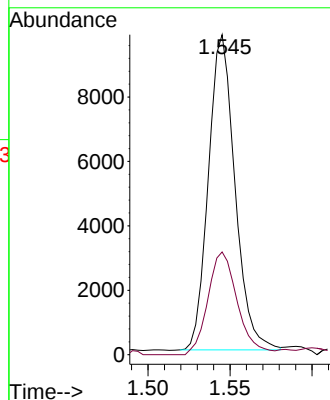
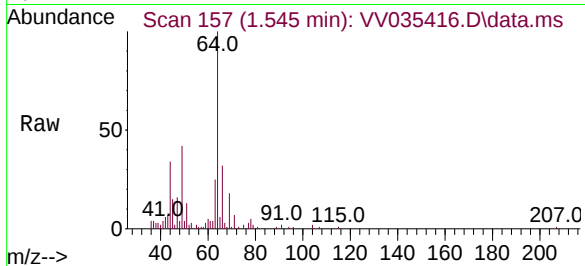




#8
Chloroethane
Concen: 6.348 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

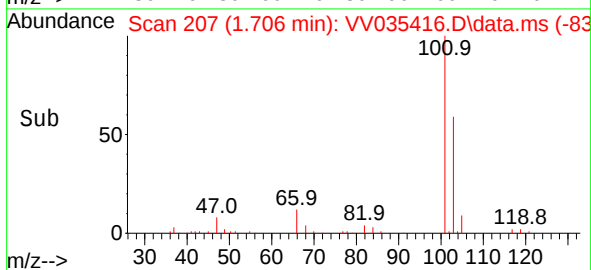
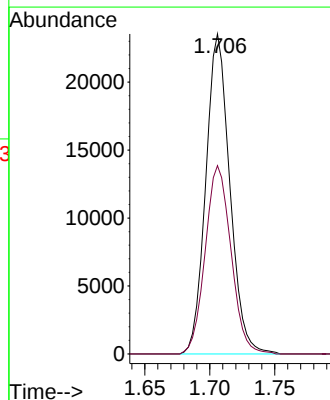
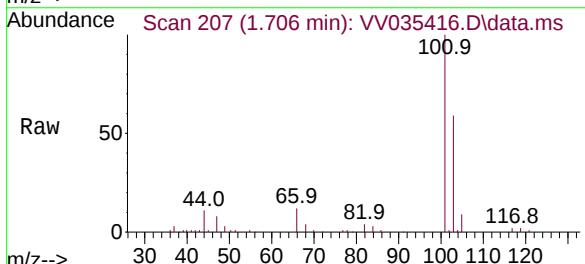
Instrument :
MSVOA_V
ClientSampleId :

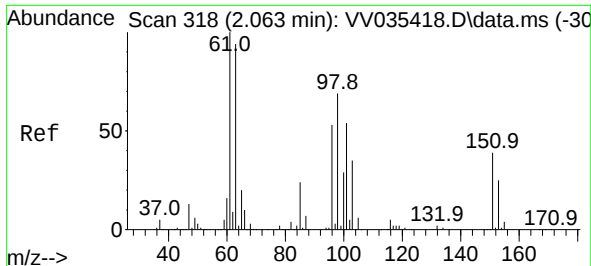
Tgt Ion: 64 Resp: 11020
Ion Ratio Lower Upper
64 100
66 32.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.705 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Tgt Ion:101 Resp: 30305
Ion Ratio Lower Upper
101 100
103 63.1 51.2 76.8





#10

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

Concen: 5.628 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

ClientSampleId :

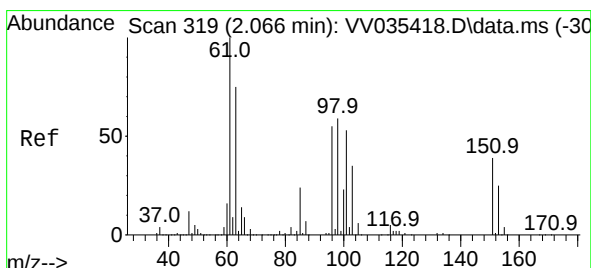
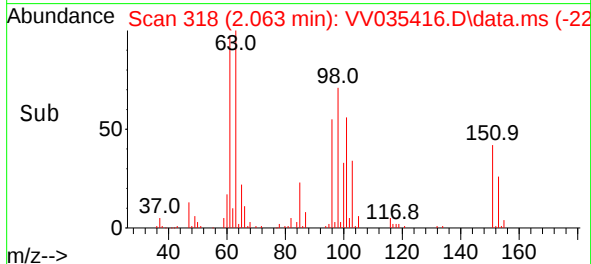
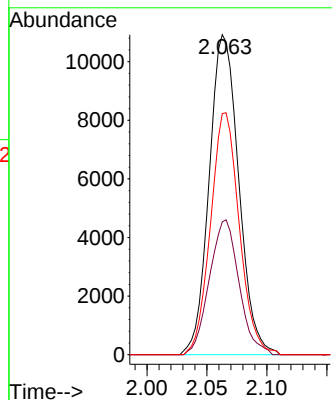
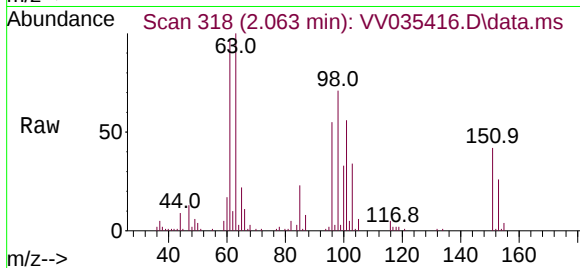
Tgt Ion:101 Resp: 18728

Ion Ratio Lower Upper

101 100

85 42.2 35.0 52.6

151 73.5 58.6 87.8



#12

1,1-Dichloroethene

Concen: 5.591 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

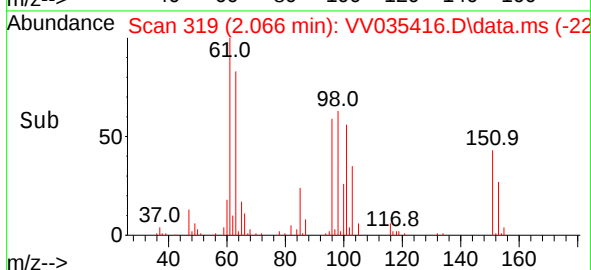
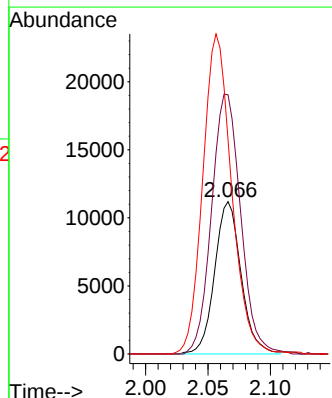
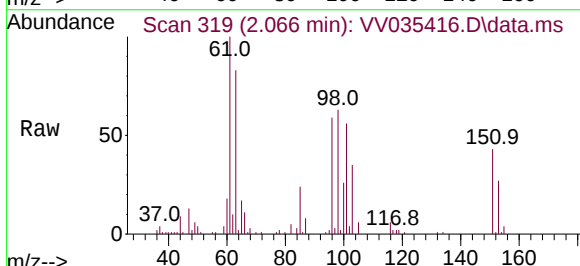
Tgt Ion: 96 Resp: 16505

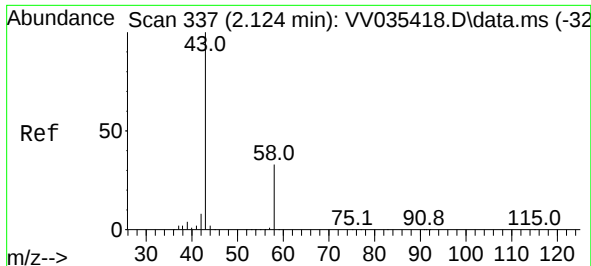
Ion Ratio Lower Upper

96 100

61 170.0 128.2 238.0

63 140.5 96.9 179.9





#13

Acetone

Concen: 11.281 ug/L

RT: 2.124 min Scan# 337

Delta R.T. 0.000 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

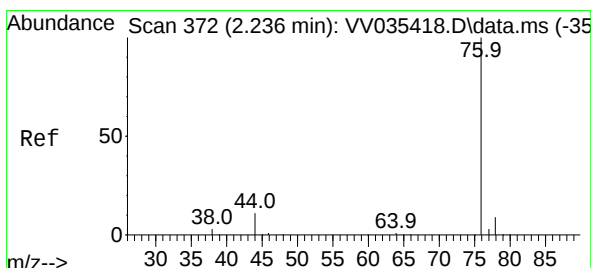
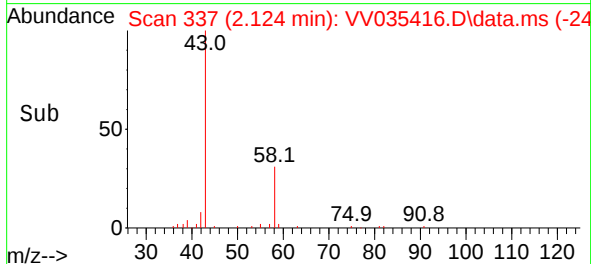
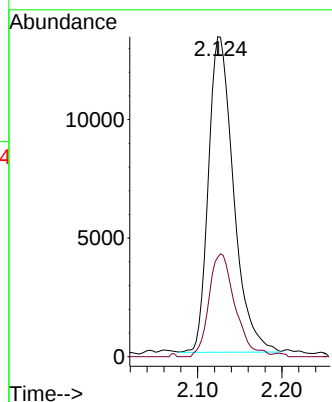
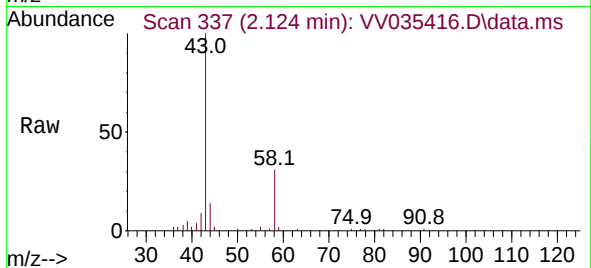
ClientSampleId :

Tgt Ion: 43 Resp: 27590

Ion Ratio Lower Upper

43 100

58 33.2 0.0 65.8



#14

Carbon disulfide

Concen: 5.630 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035416.D

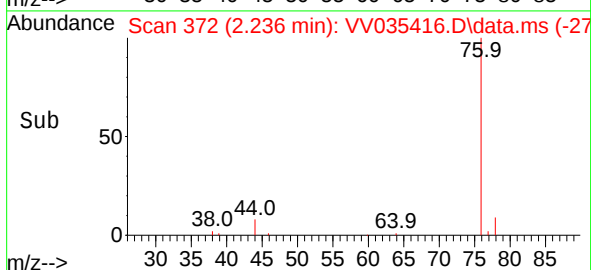
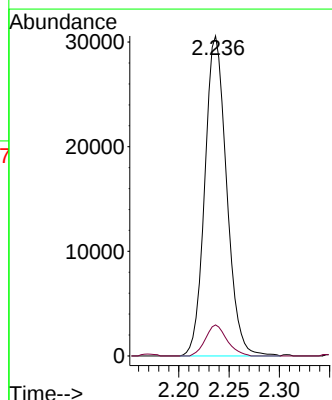
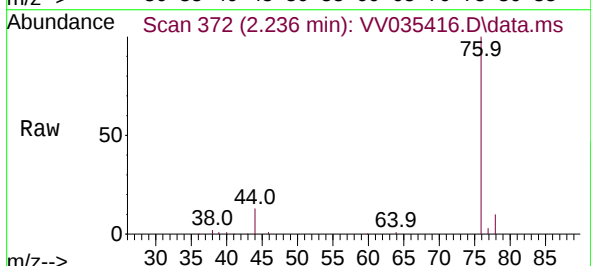
Acq: 26 Apr 2024 09:29

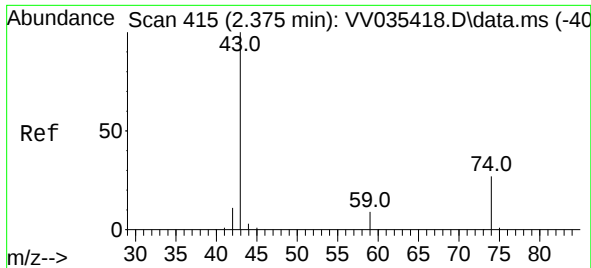
Tgt Ion: 76 Resp: 46170

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0





#15

Methyl Acetate

Concen: 5.589 ug/L

RT: 2.381 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

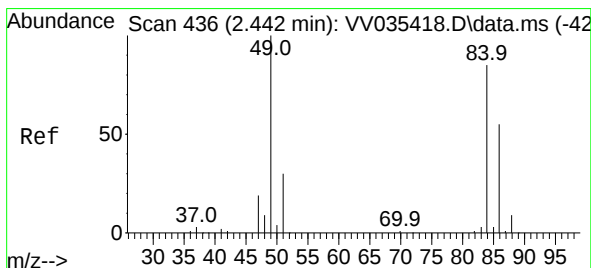
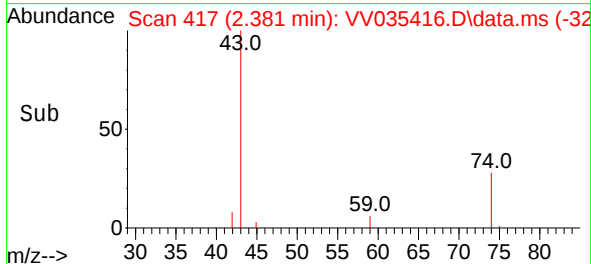
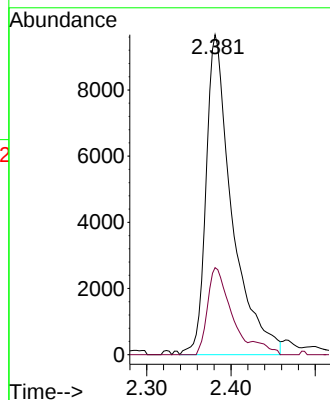
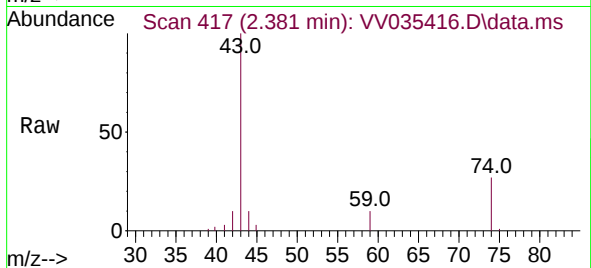
ClientSampleId :

Tgt Ion: 43 Resp: 20729

Ion Ratio Lower Upper

43 100

74 23.5 20.6 30.8



#16

Methylene chloride

Concen: 5.756 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

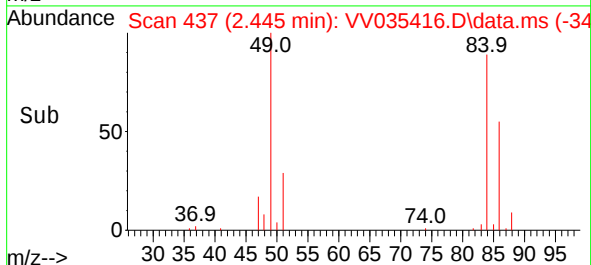
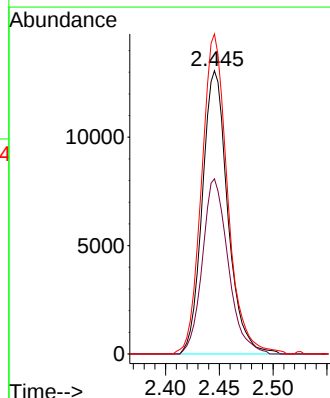
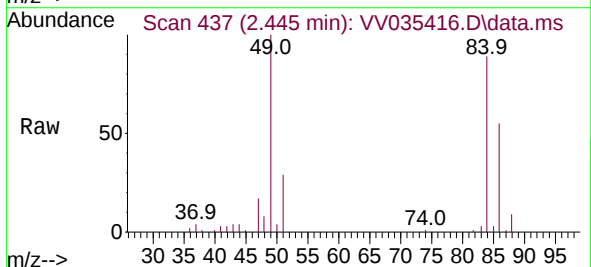
Tgt Ion: 84 Resp: 21494

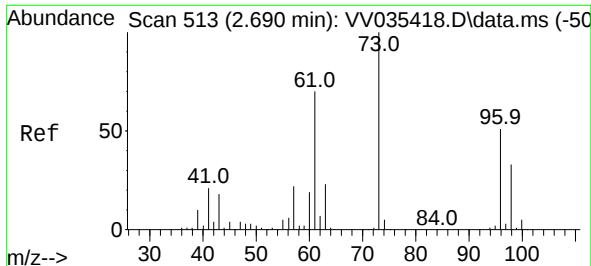
Ion Ratio Lower Upper

84 100

86 61.9 45.1 83.9

49 113.0 82.3 152.8





#17

trans-1,2-Dichloroethene

Concen: 5.506 ug/L

RT: 2.693 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

ClientSampleId :

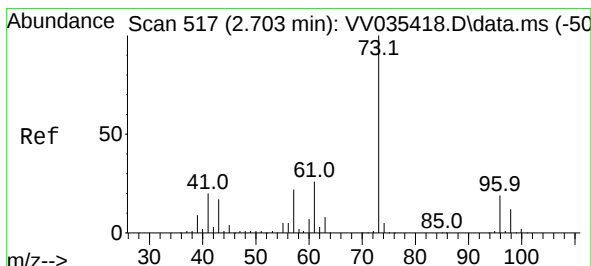
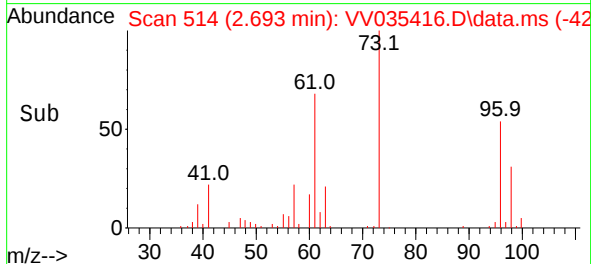
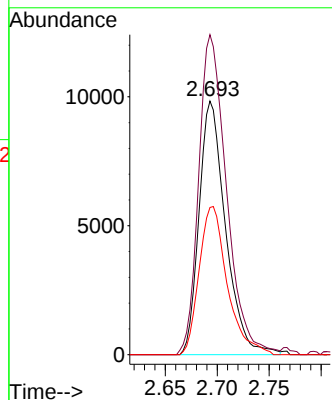
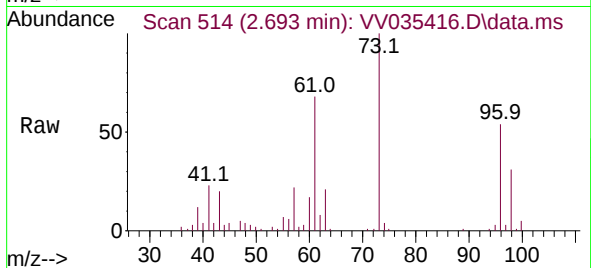
Tgt Ion: 96 Resp: 17477

Ion Ratio Lower Upper

96 100

61 126.2 96.4 179.0

98 58.1 45.2 84.0



#18

Methyl tert-butyl Ether

Concen: 4.860 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

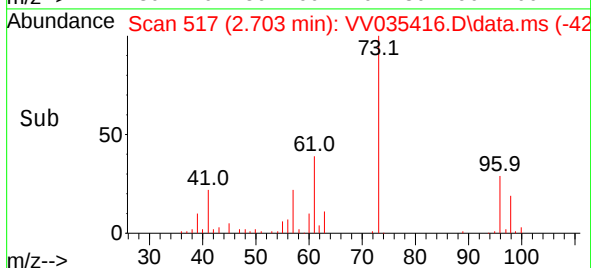
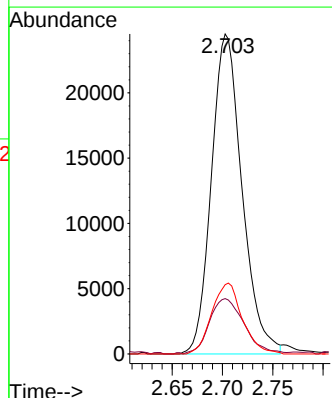
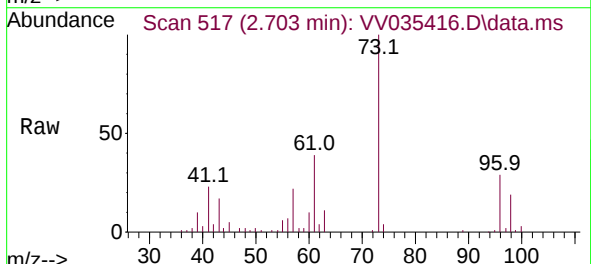
Tgt Ion: 73 Resp: 51956

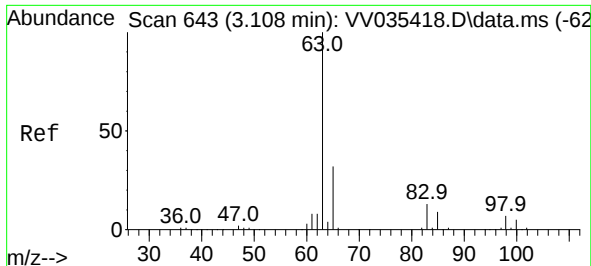
Ion Ratio Lower Upper

73 100

43 19.6 13.9 20.9

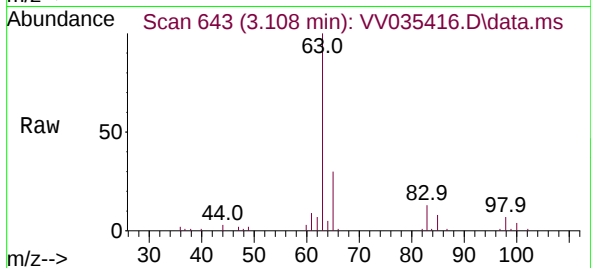
57 22.1 17.4 26.0



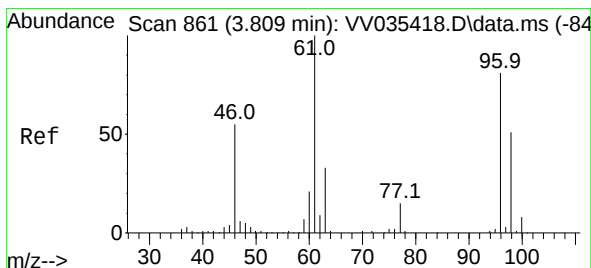
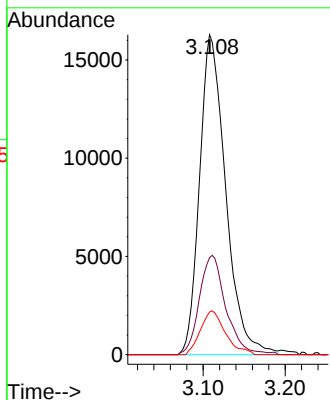
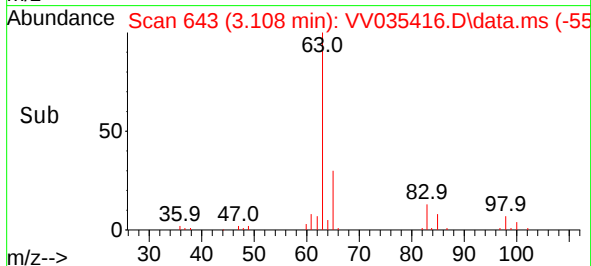


#19
1,1-Dichloroethane
Concen: 5.484 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

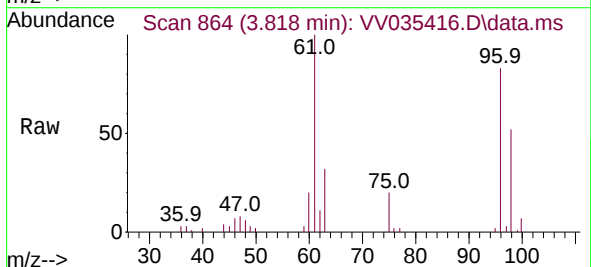
Instrument :
MSVOA_V
ClientSampleId :



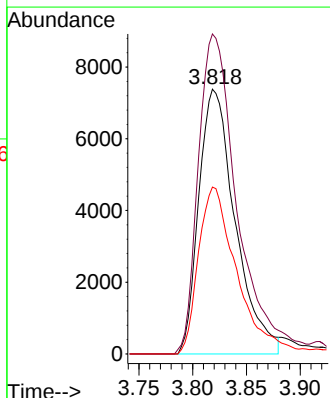
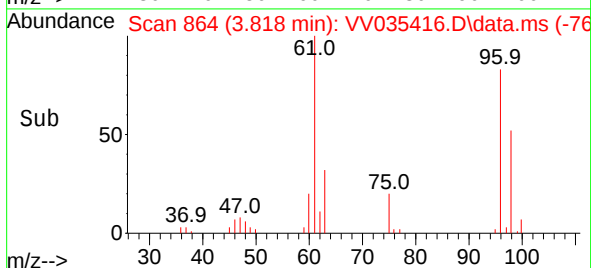
Tgt Ion:	63	Resp:	36035
Ion Ratio	Lower	Upper	
63	100		
65	30.3	22.1	41.1
83	13.4	9.3	17.3

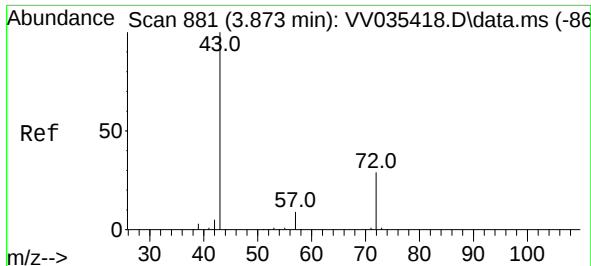


#20
cis-1,2-Dichloroethene
Concen: 4.871 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29



Tgt Ion:	96	Resp:	17393
Ion Ratio	Lower	Upper	
96	100		
61	120.8	86.9	161.5
98	63.0	44.6	82.8





#22

2-Butanone

Concen: 0.040 ug/L

RT: 3.825 min Scan# 80

Delta R.T. -0.048 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

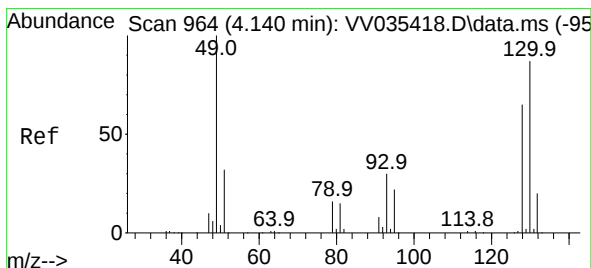
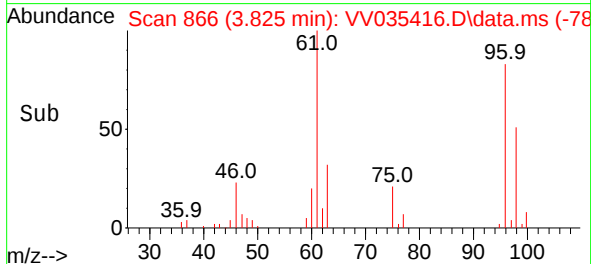
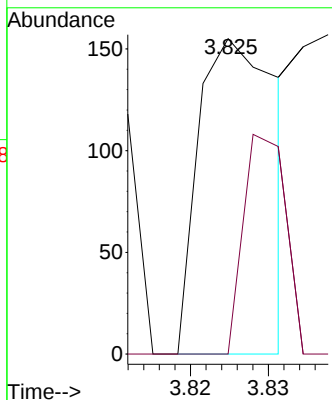
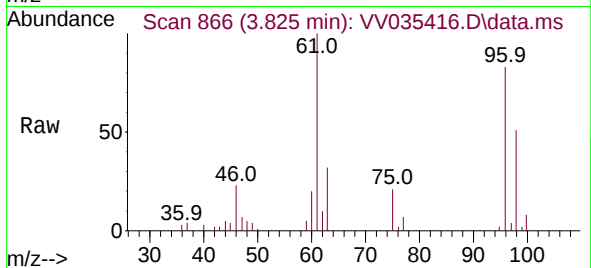
ClientSampleId :

Tgt Ion: 43 Resp: 109

Ion Ratio Lower Upper

43 100

72 36.7 13.8 41.4



#23

Bromochloromethane

Concen: 5.459 ug/L

RT: 4.156 min Scan# 969

Delta R.T. 0.016 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Tgt Ion: 128 Resp: 10848

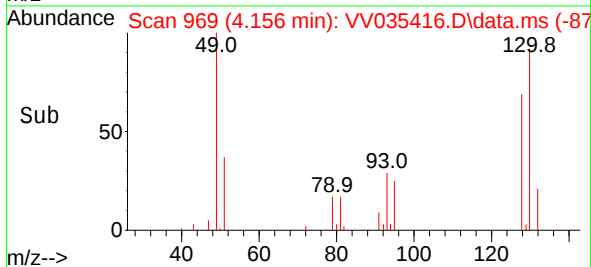
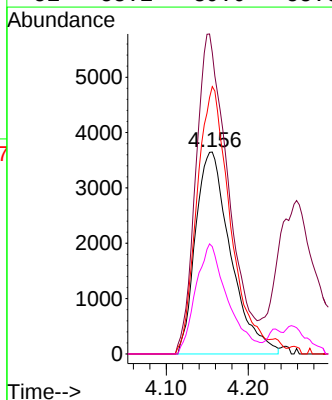
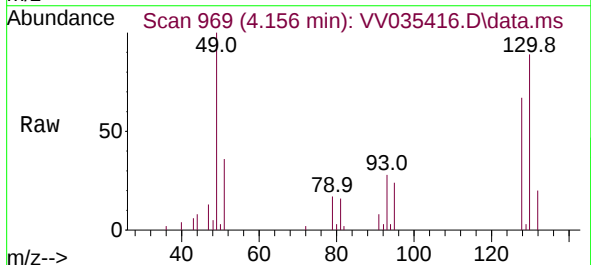
Ion Ratio Lower Upper

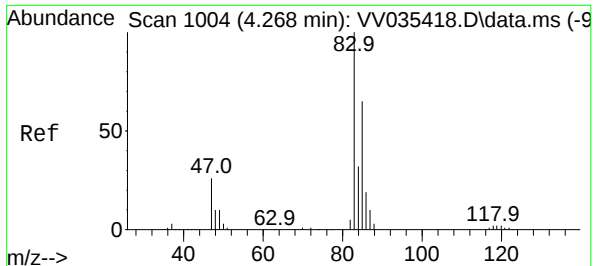
128 100

49 149.2 107.7 200.1

130 132.4 93.4 173.4

51 53.1 39.0 58.6

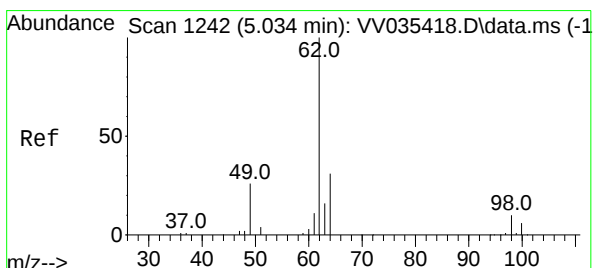
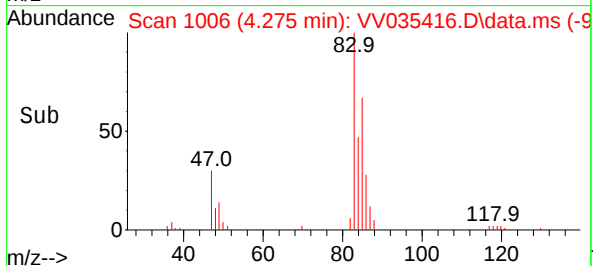
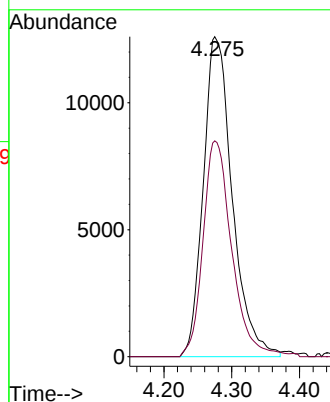
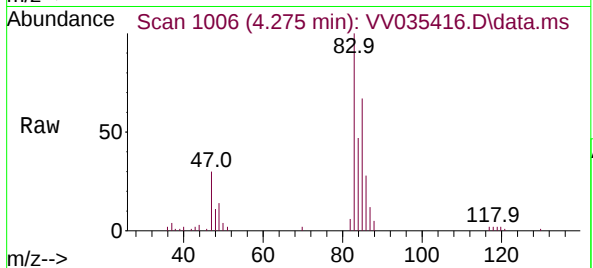




#25
Chloroform
Concen: 5.514 ug/L
RT: 4.275 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

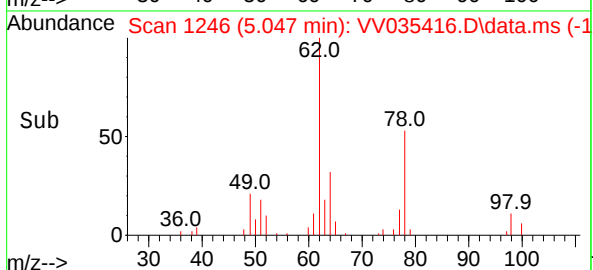
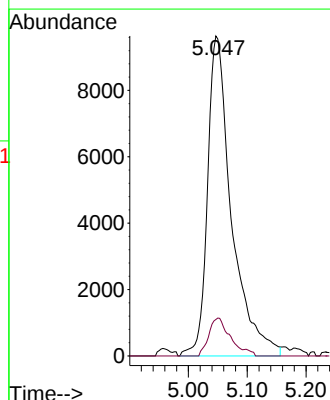
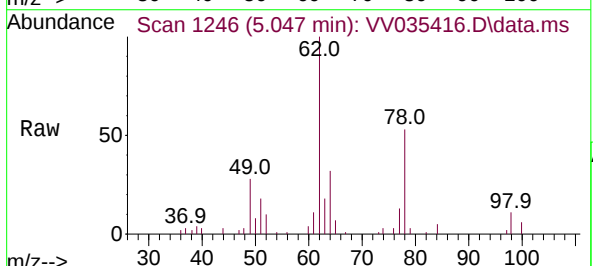
Instrument :
MSVOA_V
ClientSampleId :

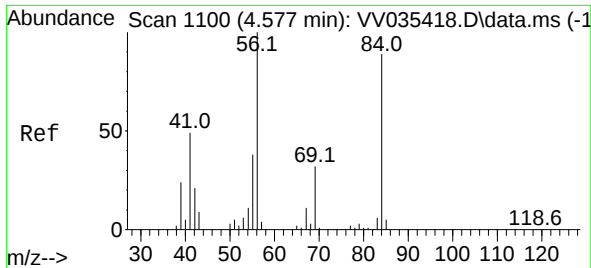
Tgt Ion: 83 Resp: 37451
Ion Ratio Lower Upper
83 100
85 67.5 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.485 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.013 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Tgt Ion: 62 Resp: 27356
Ion Ratio Lower Upper
62 100
98 11.4 8.0 12.0





#29

Cyclohexane

Concen: 4.532 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

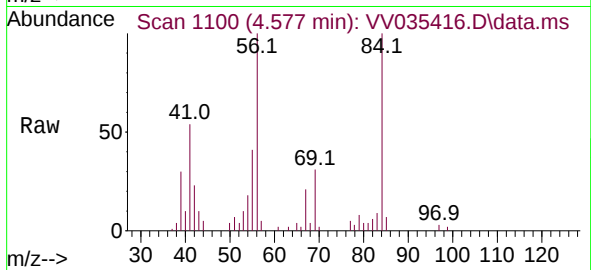
Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

ClientSampleId :



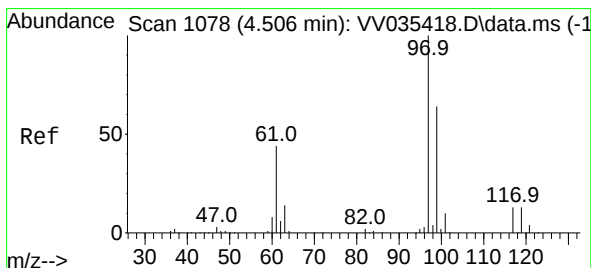
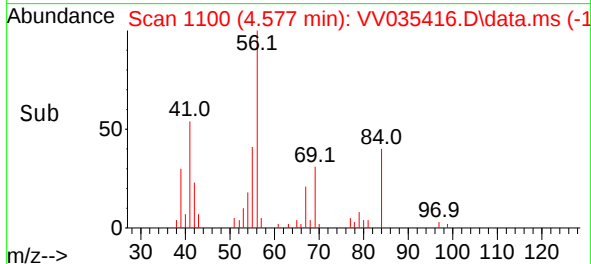
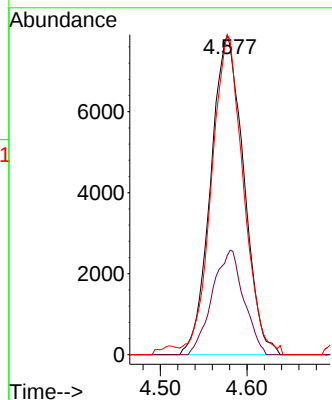
Tgt Ion: 56 Resp: 20838

Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.2

84 95.9 73.5 110.3



#30

1,1,1-Trichloroethane

Concen: 5.378 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

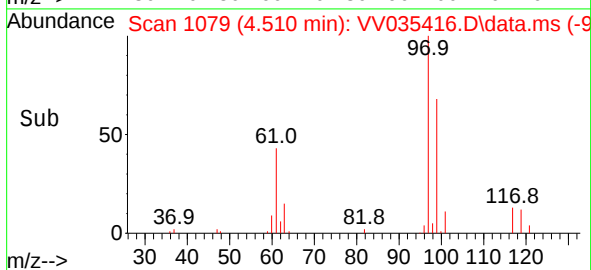
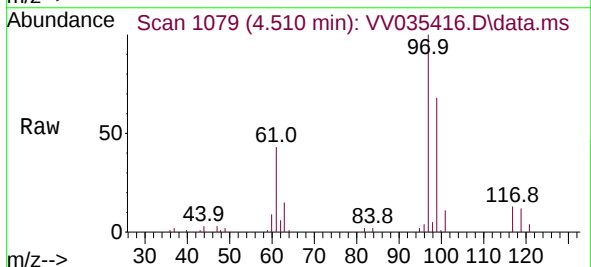
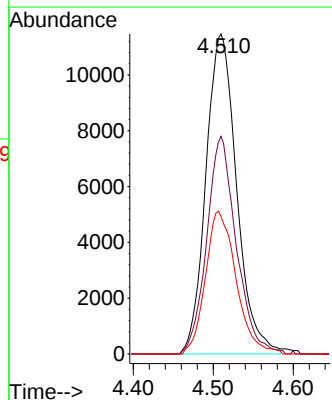
Tgt Ion: 97 Resp: 30591

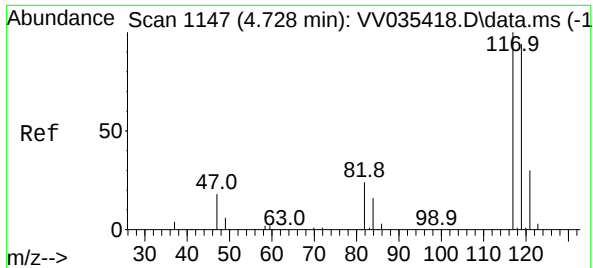
Ion Ratio Lower Upper

97 100

99 65.4 51.3 76.9

61 44.2 35.4 53.2

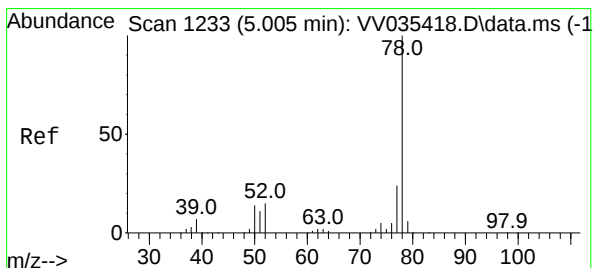
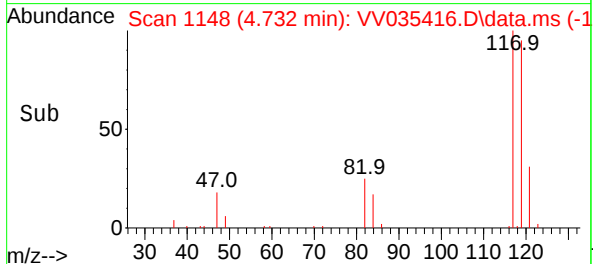
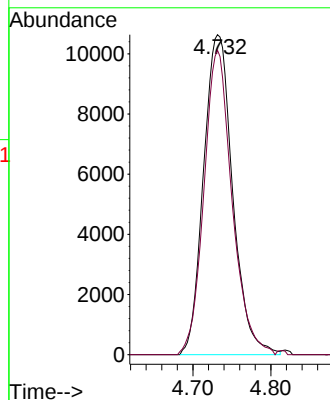
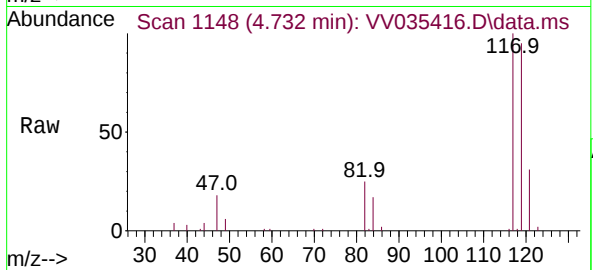




#31
Carbon tetrachloride
Concen: 5.568 ug/L
RT: 4.732 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

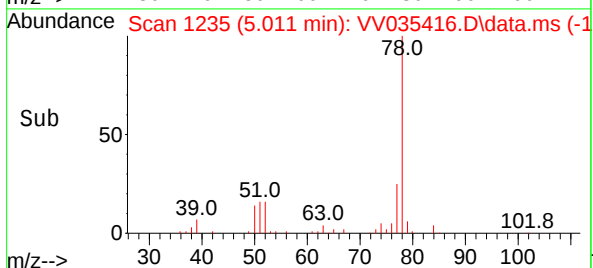
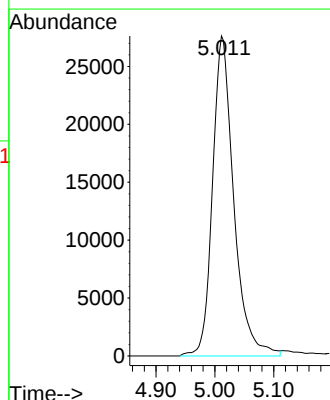
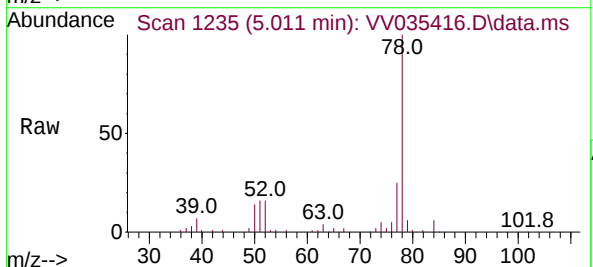
Instrument :
MSVOA_V
ClientSampleId :

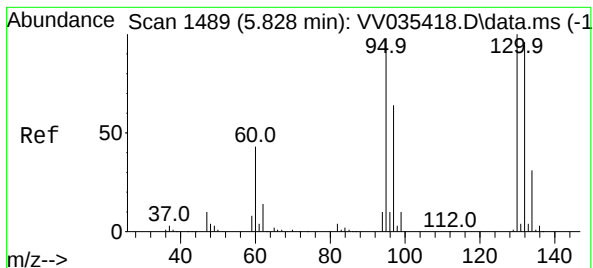
Tgt Ion:117 Resp: 27668
Ion Ratio Lower Upper
117 100
119 91.9 76.4 114.6



#33
Benzene
Concen: 5.175 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Tgt Ion: 78 Resp: 69239





#34

Trichloroethene

Concen: 5.243 ug/L

RT: 5.838 min Scan# 1489

Delta R.T. 0.010 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 19023

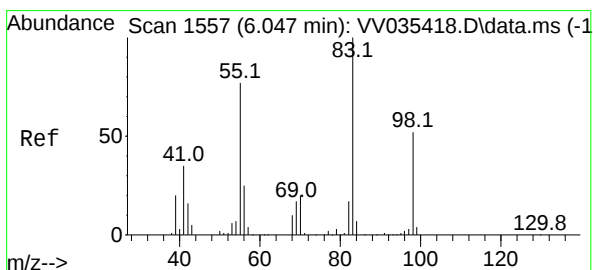
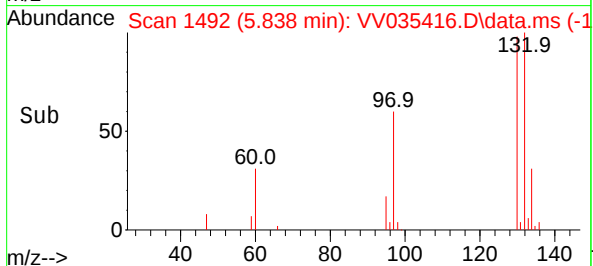
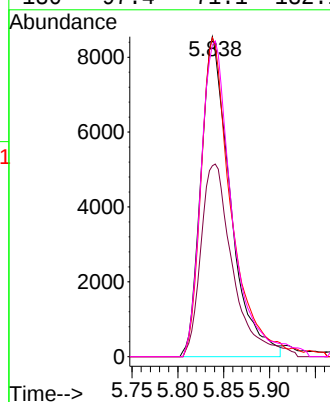
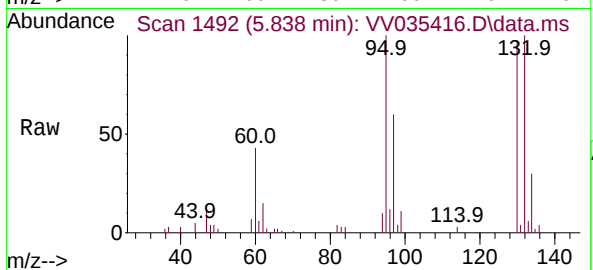
Ion Ratio Lower Upper

95 100

97 59.7 45.8 85.0

132 99.7 68.0 126.2

130 97.4 71.1 132.1



#35

Methylcyclohexane

Concen: 4.693 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

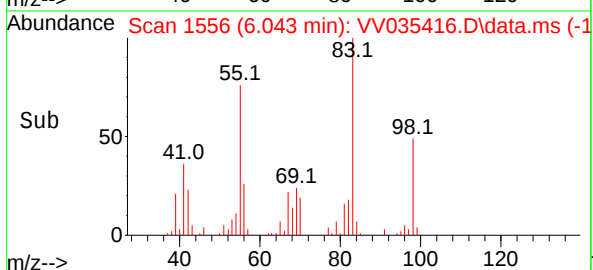
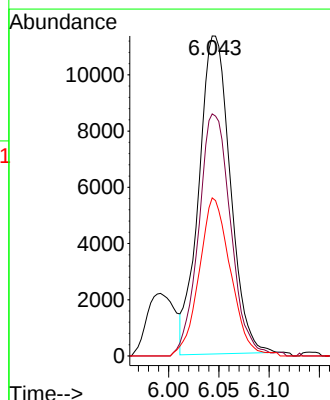
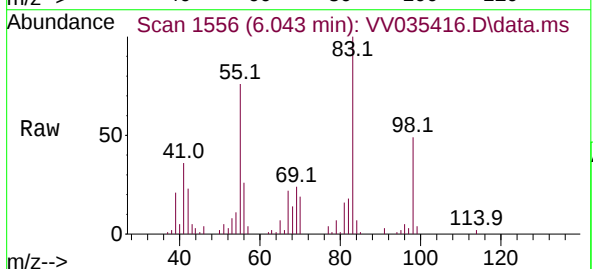
Tgt Ion: 83 Resp: 24637

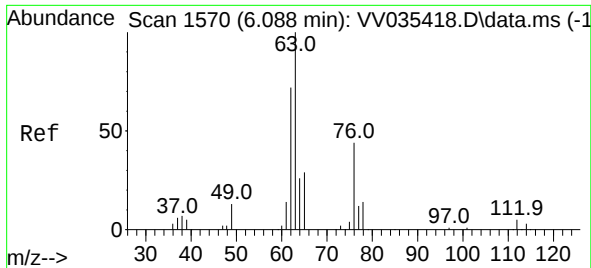
Ion Ratio Lower Upper

83 100

55 77.2 59.7 89.5

98 49.3 39.0 58.6

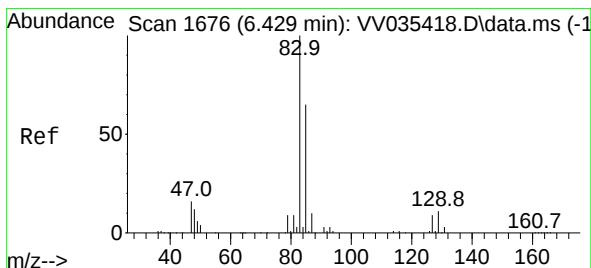
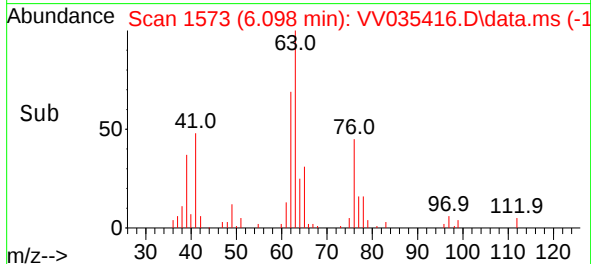
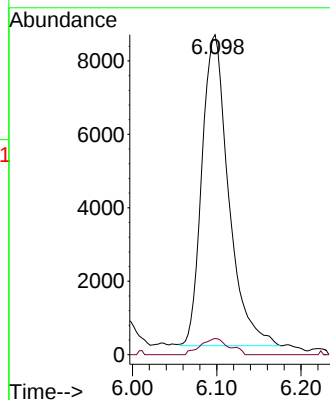
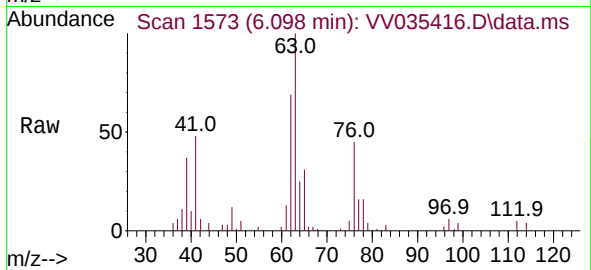




#37
1,2-Dichloropropane
Concen: 5.005 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

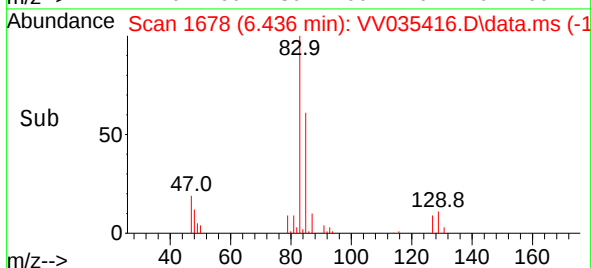
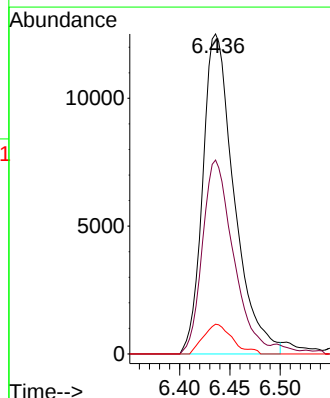
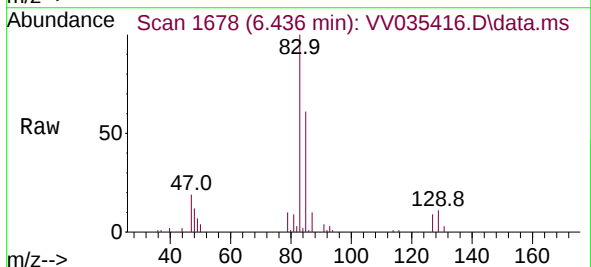
Instrument :
MSVOA_V
ClientSampleId :

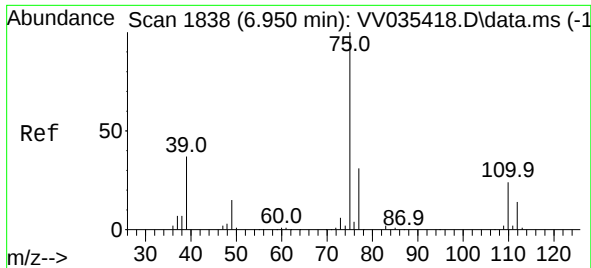
Tgt Ion: 63 Resp: 18692
Ion Ratio Lower Upper
63 100
112 4.8 3.5 5.3



#38
Bromodichloromethane
Concen: 5.397 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Tgt Ion: 83 Resp: 27217
Ion Ratio Lower Upper
83 100
85 60.6 45.1 83.9
127 9.3 7.0 10.4

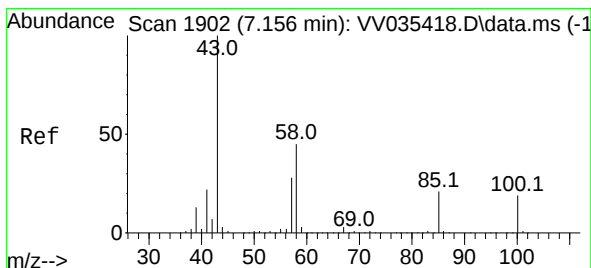
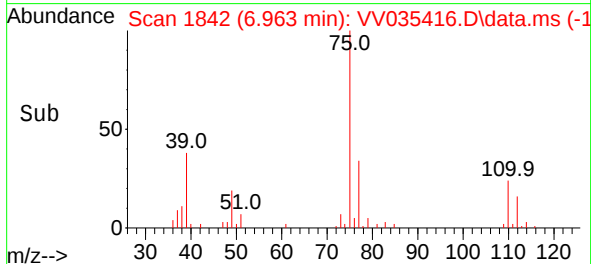
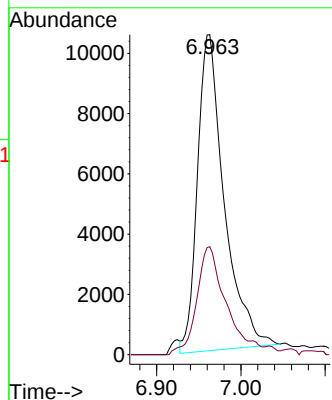
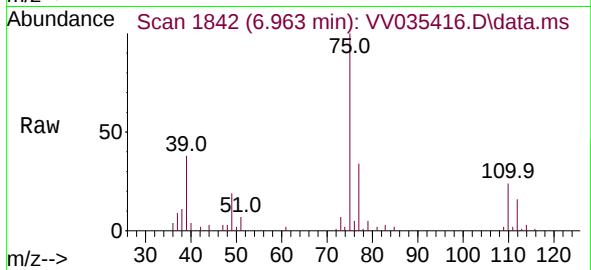




#39
 cis-1,3-Dichloropropene
 Concen: 4.197 ug/L
 RT: 6.963 min Scan# 1842
 Delta R.T. 0.013 min
 Lab File: VV035416.D
 Acq: 26 Apr 2024 09:29

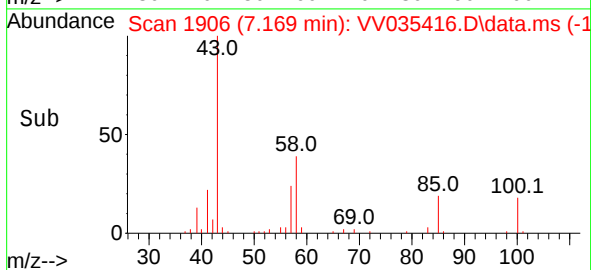
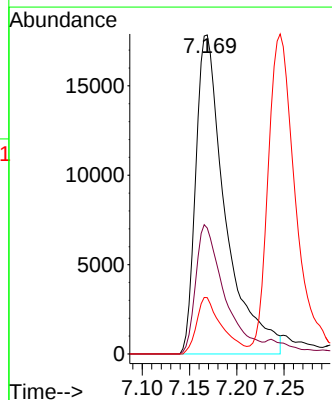
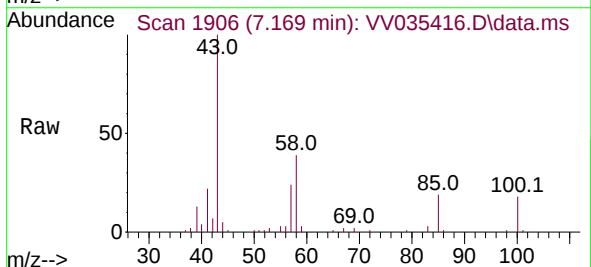
Instrument :
 MSVOA_V
 ClientSampleId :

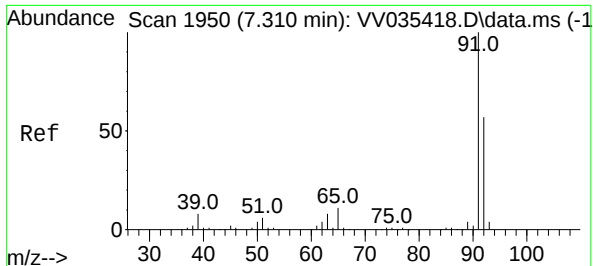
Tgt Ion: 75 Resp: 23201
 Ion Ratio Lower Upper
 75 100
 77 33.8 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 8.738 ug/L
 RT: 7.169 min Scan# 1906
 Delta R.T. 0.013 min
 Lab File: VV035416.D
 Acq: 26 Apr 2024 09:29

Tgt Ion: 43 Resp: 38974
 Ion Ratio Lower Upper
 43 100
 58 39.0 35.0 52.4
 100 15.2 14.3 21.5





#42

Toluene

Concen: 4.779 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

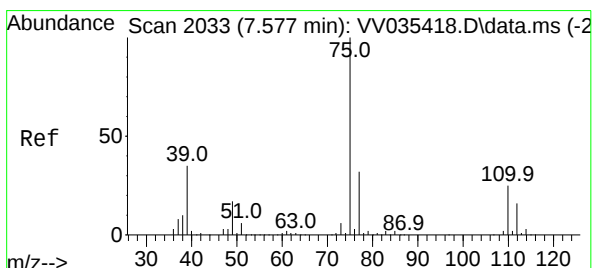
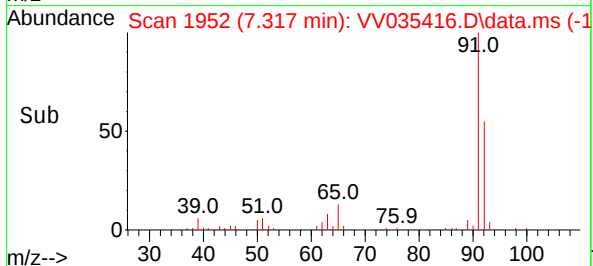
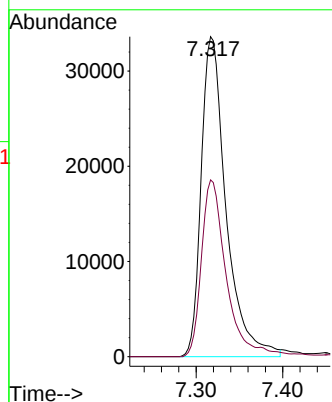
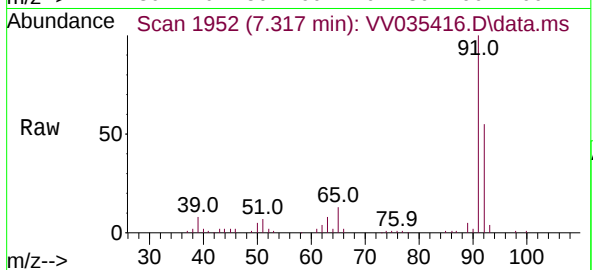
ClientSampleId :

Tgt Ion: 91 Resp: 66999

Ion Ratio Lower Upper

91 100

92 55.2 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 4.441 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV035416.D

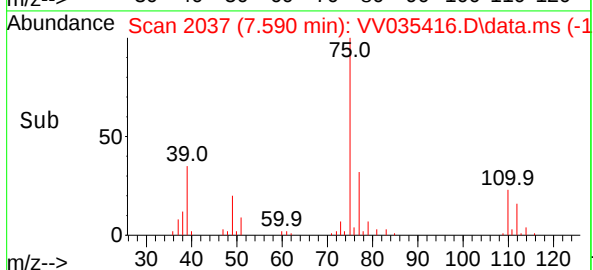
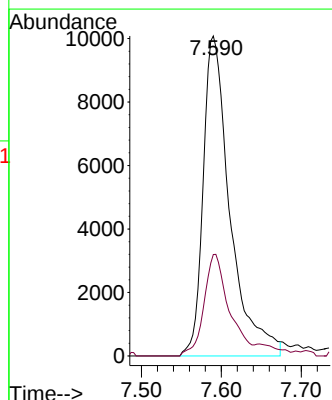
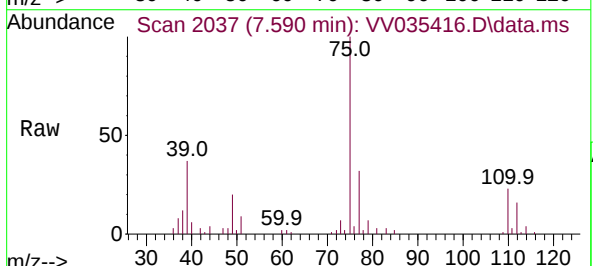
Acq: 26 Apr 2024 09:29

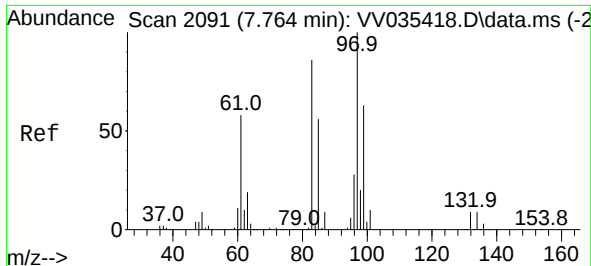
Tgt Ion: 75 Resp: 23566

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1

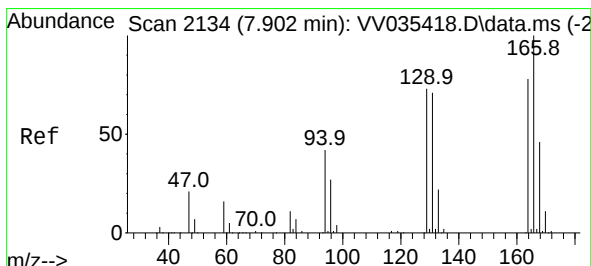
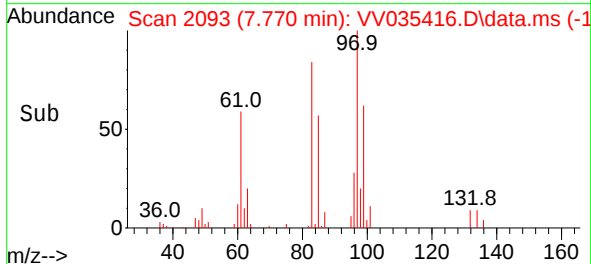
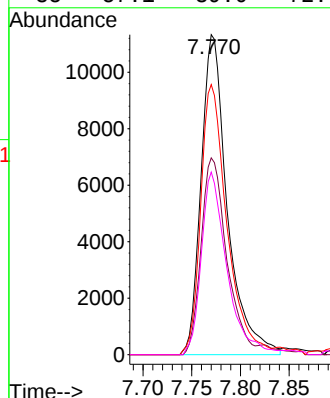
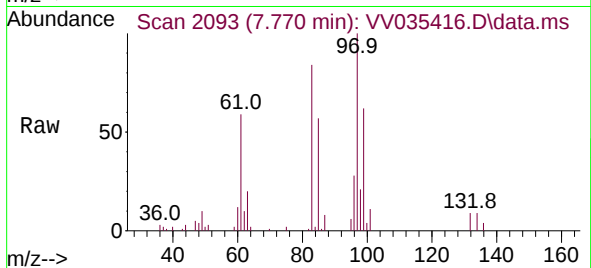




#45
1,1,2-Trichloroethane
Concen: 5.452 ug/L
RT: 7.770 min Scan# 2091
Delta R.T. 0.006 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

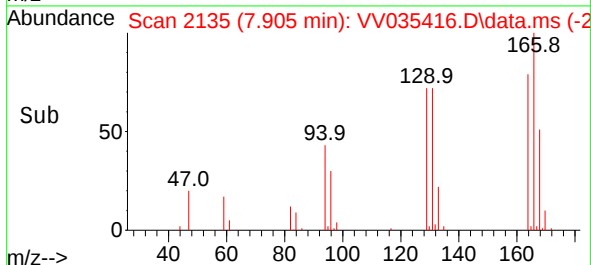
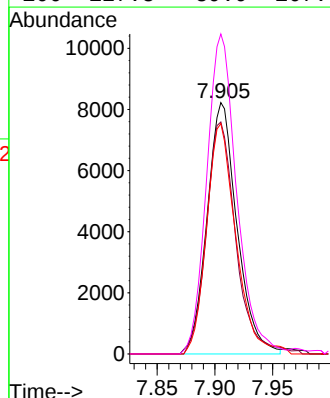
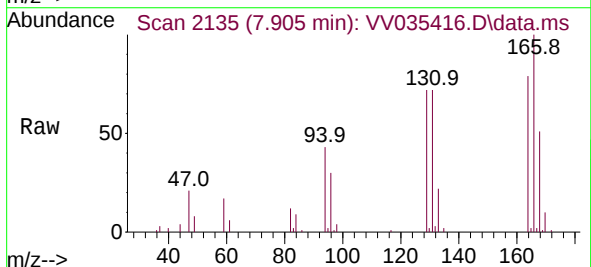
Instrument :
MSVOA_V
ClientSampleId :

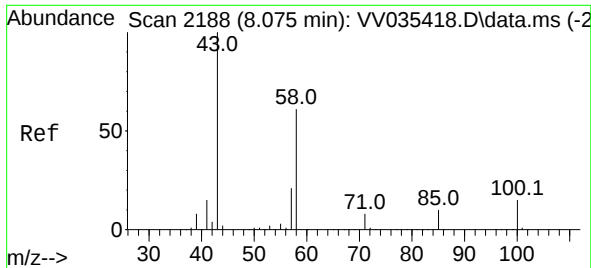
Tgt Ion:	97	Resp:	21264
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.3	82.3
83	84.4	60.5	112.3
85	57.1	39.0	72.4



#46
Tetrachloroethene
Concen: 5.213 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Tgt Ion:	164	Resp:	14838
Ion	Ratio	Lower	Upper
164	100		
129	92.3	65.7	122.1
131	91.6	63.6	118.0
166	127.3	89.9	167.0

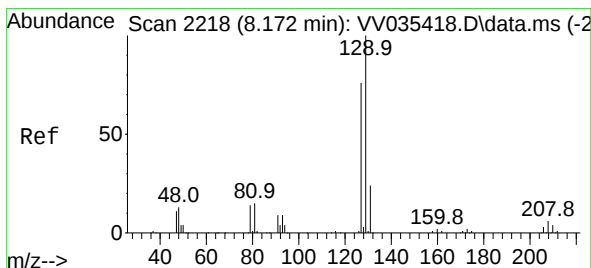
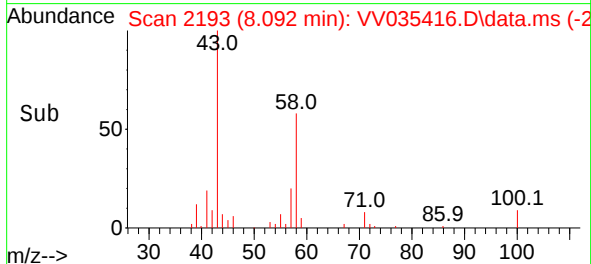
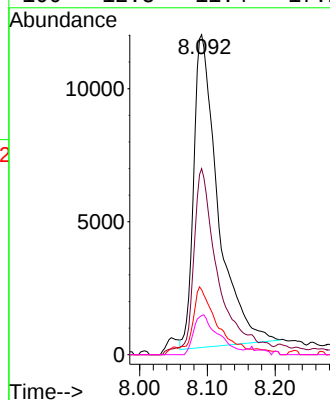
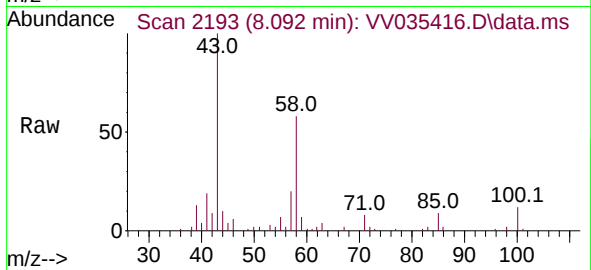




#48
2-Hexanone
Concen: 7.781 ug/L
RT: 8.092 min Scan# 2188
Delta R.T. 0.016 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

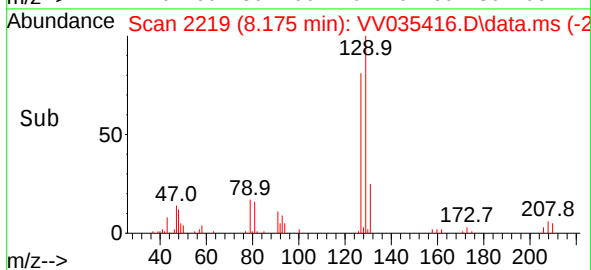
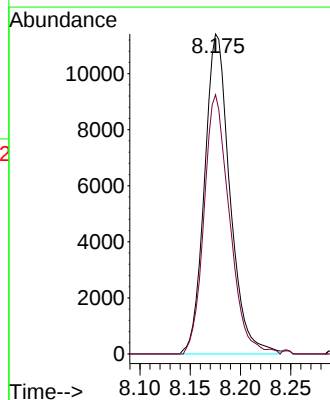
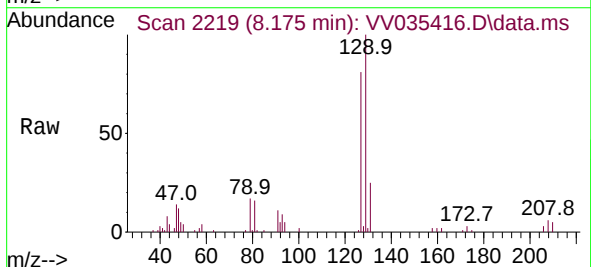
Instrument :
MSVOA_V
ClientSampleId :

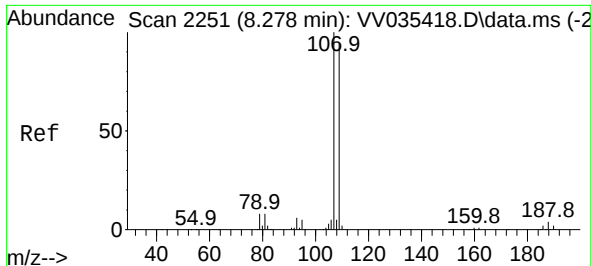
Tgt Ion:	43	Resp:	29252
Ion	Ratio	Lower	Upper
43	100		
58	57.4	49.4	74.0
57	16.6	17.1	25.7#
100	12.8	11.4	17.2



#49
Dibromochloromethane
Concen: 5.044 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Tgt Ion:	129	Resp:	20112
Ion	Ratio	Lower	Upper
129	100		
127	81.0	53.1	98.5





#50

1,2-Dibromoethane

Concen: 5.079 ug/L

RT: 8.284 min Scan# 2418

Delta R.T. 0.006 min

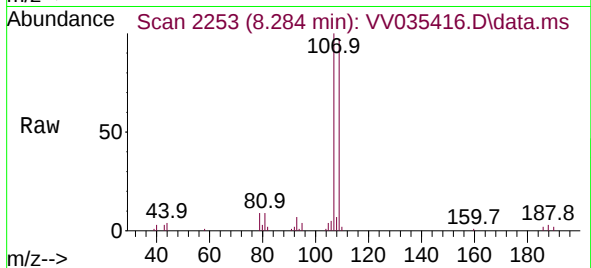
Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

ClientSampleId :



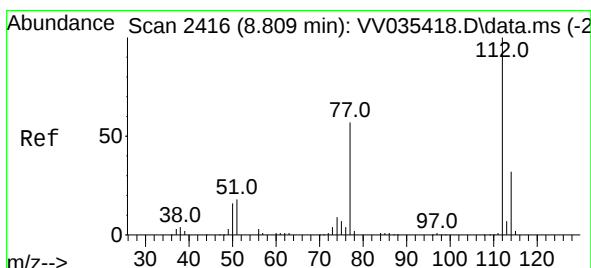
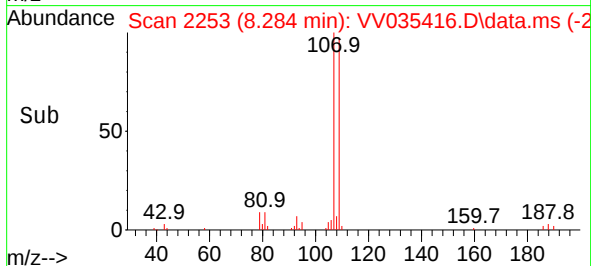
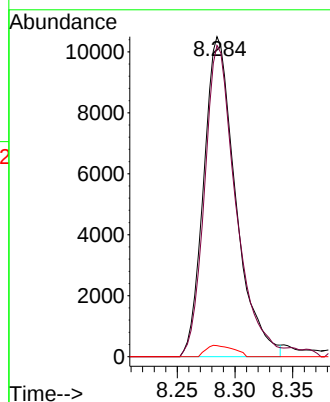
Tgt Ion:107 Resp: 20154

Ion Ratio Lower Upper

107 100

109 97.2 65.7 122.1

188 3.4 3.1 4.7



#51

Chlorobenzene

Concen: 5.319 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.006 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

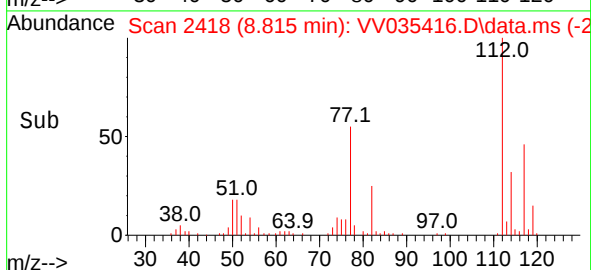
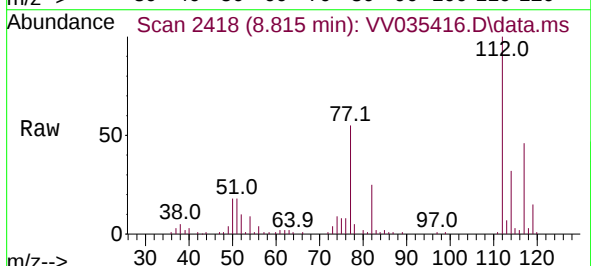
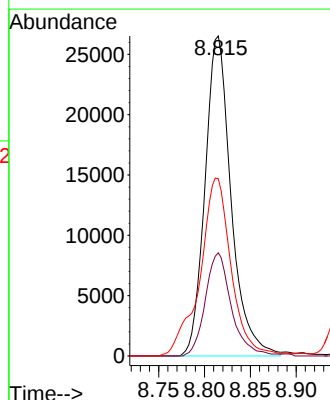
Tgt Ion:112 Resp: 52583

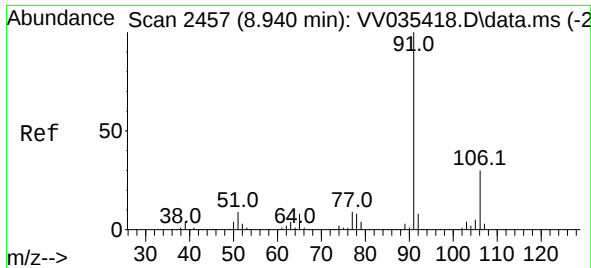
Ion Ratio Lower Upper

112 100

114 32.3 22.4 41.6

77 55.4 45.6 68.4

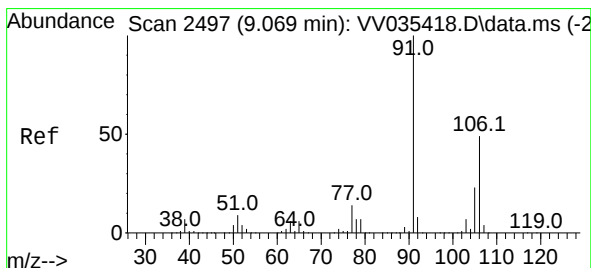
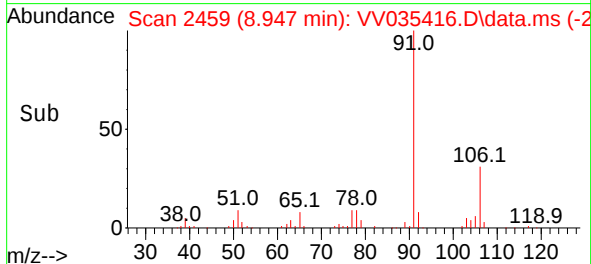
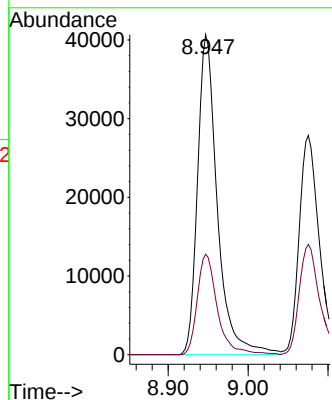
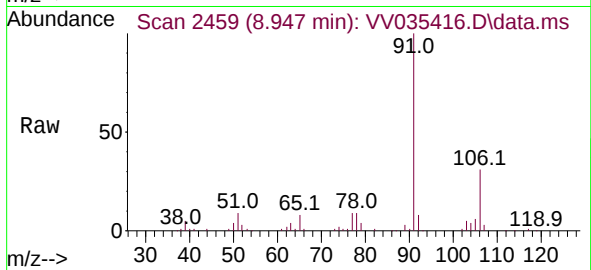




#52
Ethylbenzene
Concen: 4.579 ug/L
RT: 8.947 min Scan# 2457
Delta R.T. 0.006 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

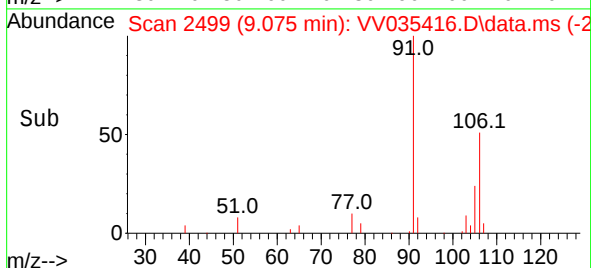
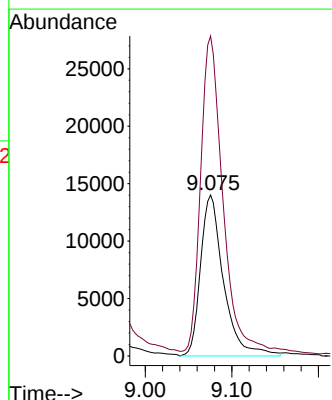
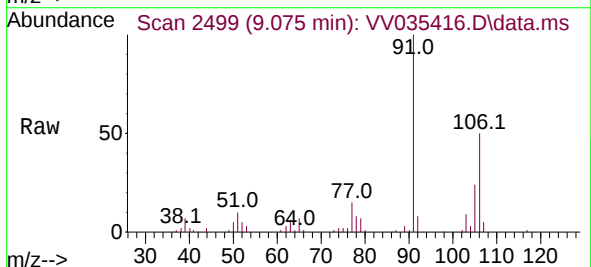
Instrument :
MSVOA_V
ClientSampleId :

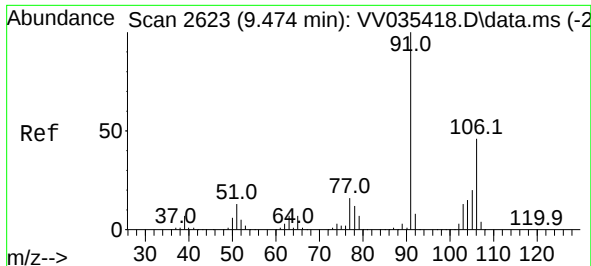
Tgt Ion: 91 Resp: 70139
Ion Ratio Lower Upper
91 100
106 31.4 21.3 39.5



#53
m,p-Xylene
Concen: 4.464 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.006 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Tgt Ion: 106 Resp: 25883
Ion Ratio Lower Upper
106 100
91 198.8 142.2 264.0





#54

o-Xylene

Concen: 4.283 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

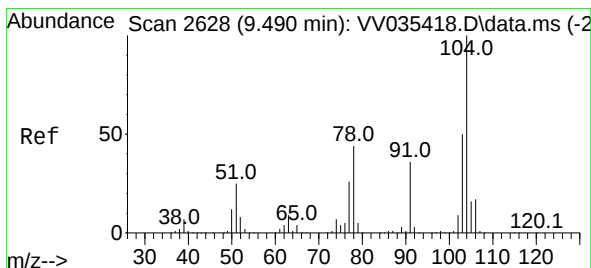
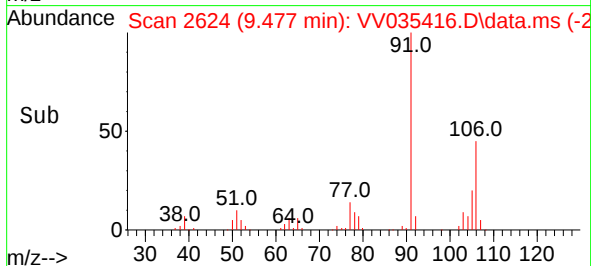
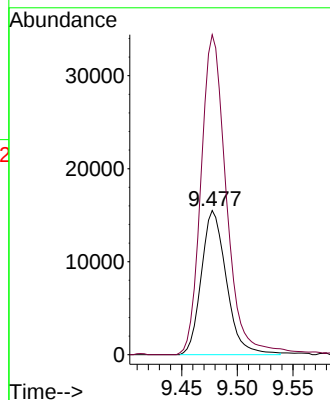
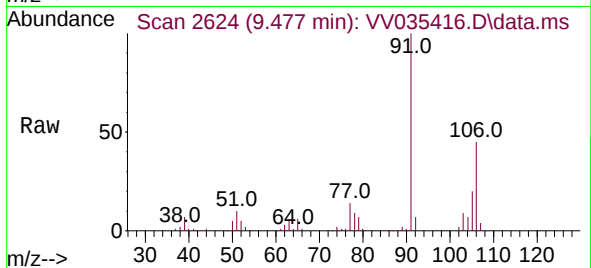
ClientSampleId :

Tgt Ion:106 Resp: 24280

Ion Ratio Lower Upper

106 100

91 222.0 152.7 283.5



#55

Styrene

Concen: 3.926 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. 0.010 min

Lab File: VV035416.D

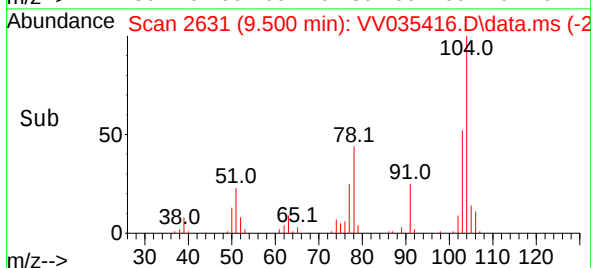
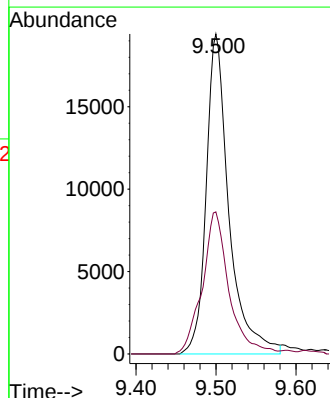
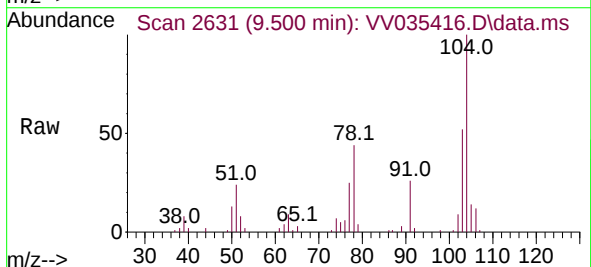
Acq: 26 Apr 2024 09:29

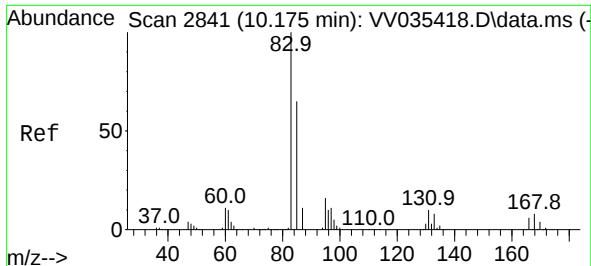
Tgt Ion:104 Resp: 38380

Ion Ratio Lower Upper

104 100

78 44.4 30.9 57.3

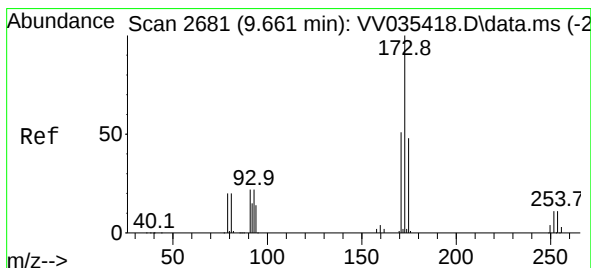
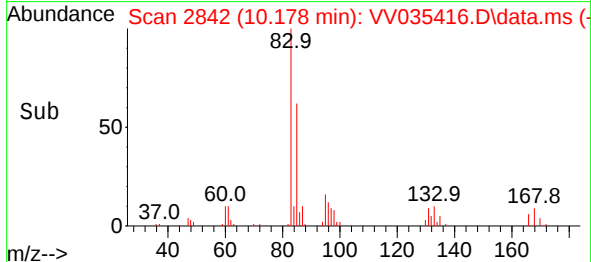
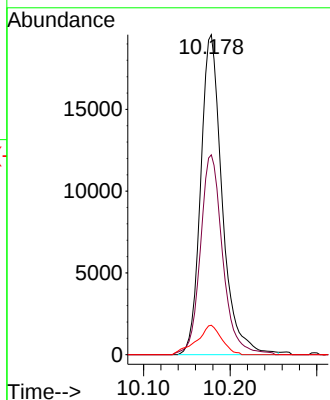
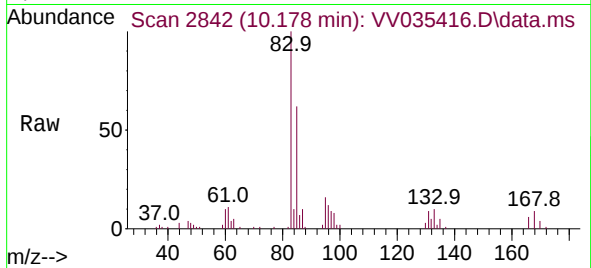




#57
1,1,2,2-Tetrachloroethane
Concen: 5.332 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.003 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

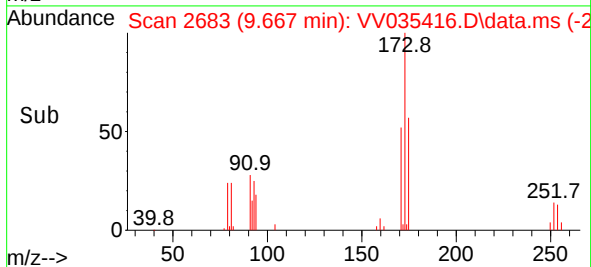
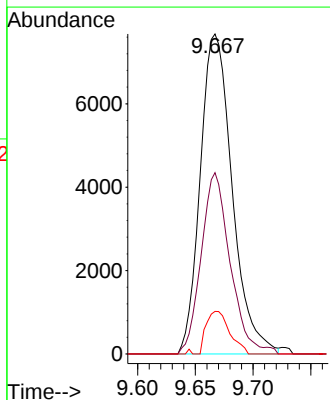
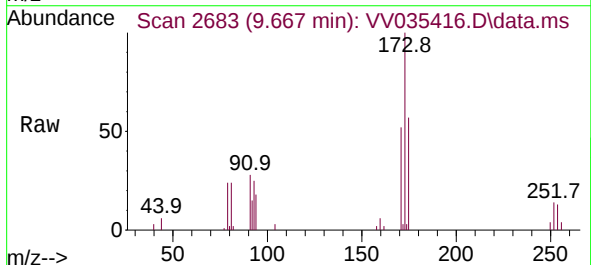
Instrument :
MSVOA_V
ClientSampleId :

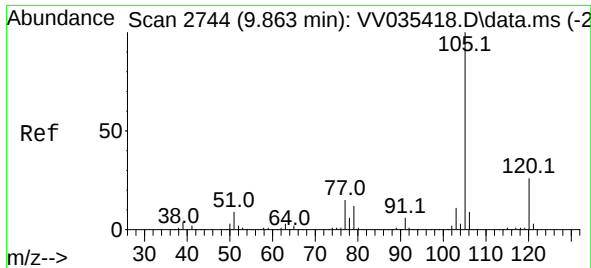
Tgt Ion: 83 Resp: 33804
Ion Ratio Lower Upper
83 100
85 62.4 45.4 84.2
131 9.2 7.9 11.9



#59
Bromoform
Concen: 5.349 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.006 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Tgt Ion: 173 Resp: 14782
Ion Ratio Lower Upper
173 100
175 50.8 38.6 58.0
254 9.8 8.7 13.1

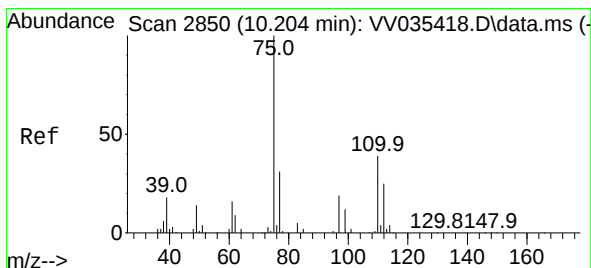
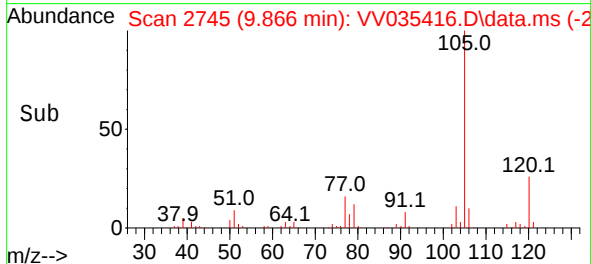
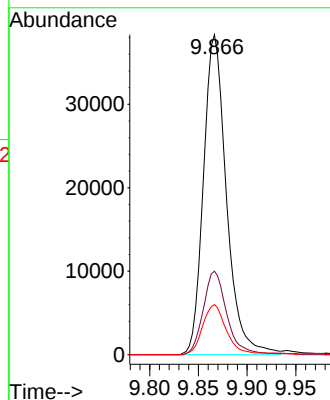
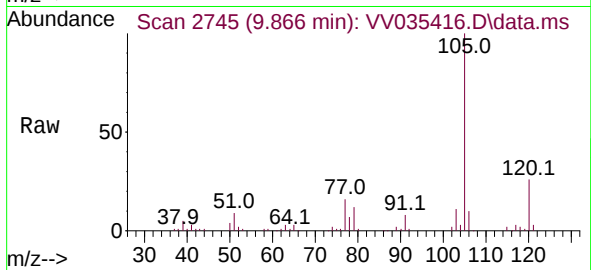




#60
Isopropylbenzene
Concen: 4.716 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

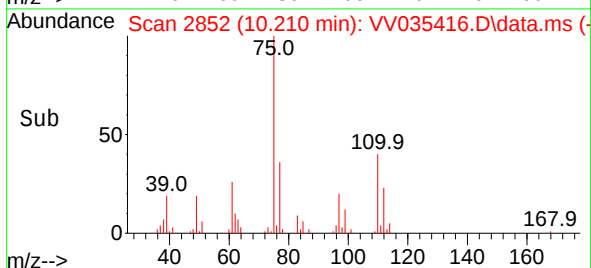
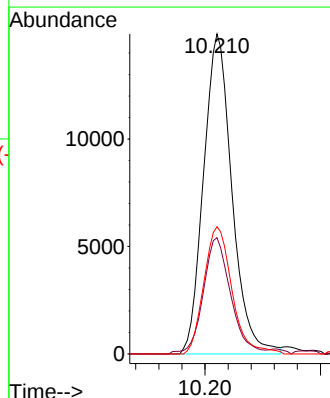
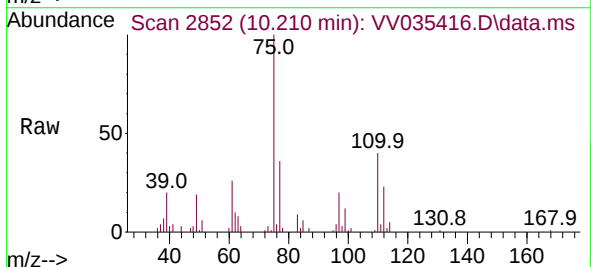
Instrument :
MSVOA_V
ClientSampleId :

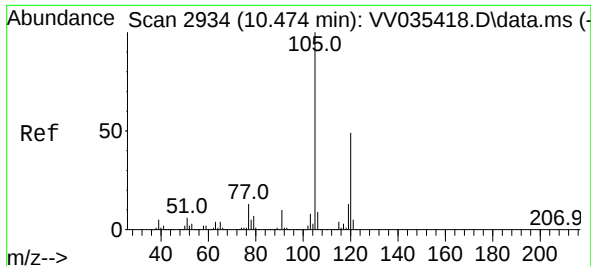
Tgt Ion:105 Resp: 62976
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.9 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.834 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.006 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Tgt Ion: 75 Resp: 25420
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9
110 39.2 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 4.366 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

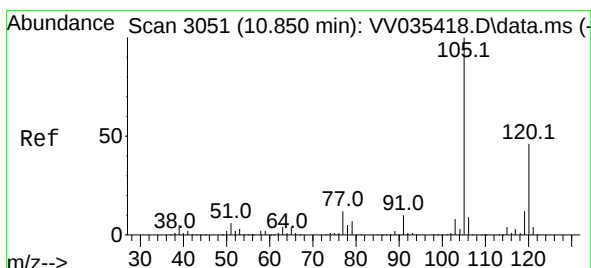
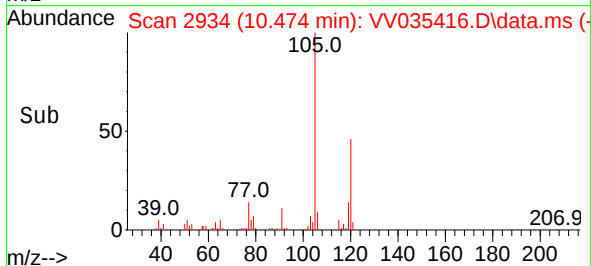
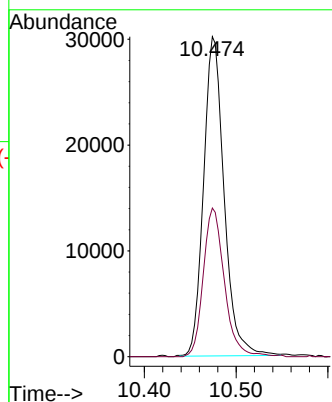
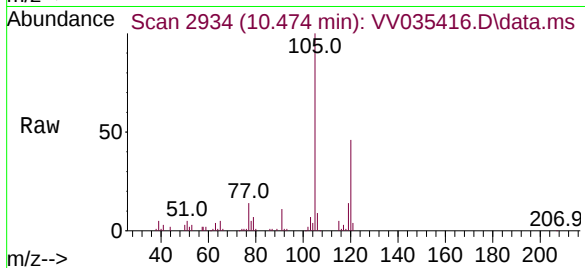
ClientSampleId :

Tgt Ion:105 Resp: 46978

Ion Ratio Lower Upper

105 100

120 47.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.103 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035416.D

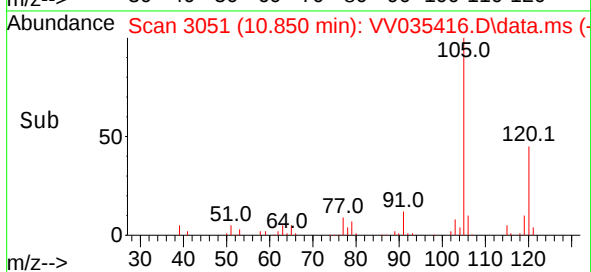
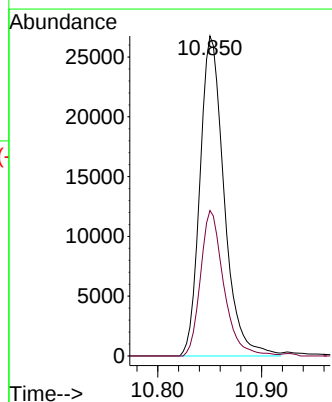
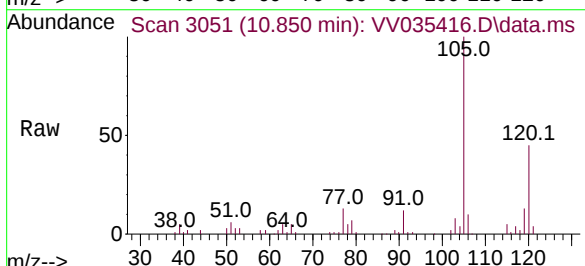
Acq: 26 Apr 2024 09:29

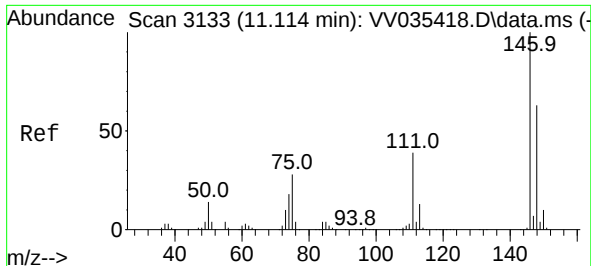
Tgt Ion:105 Resp: 43224

Ion Ratio Lower Upper

105 100

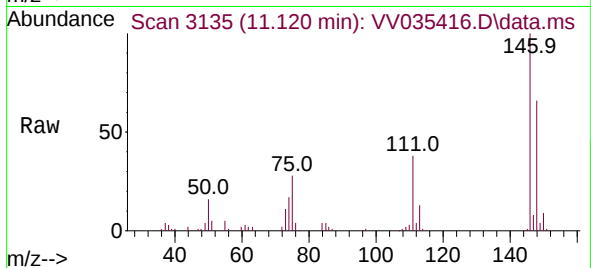
120 43.6 36.7 55.1



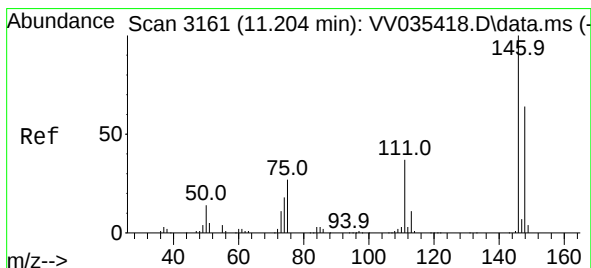
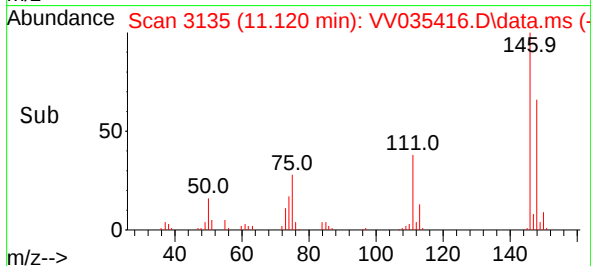
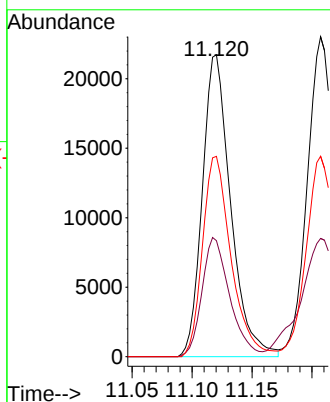


#64
1,3-Dichlorobenzene
Concen: 5.160 ug/L
RT: 11.120 min Scan# 3133
Delta R.T. 0.006 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Instrument :
MSVOA_V
ClientSampleId :

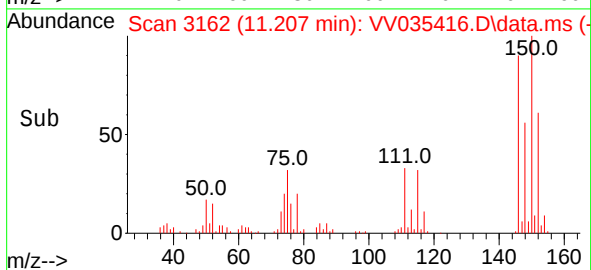
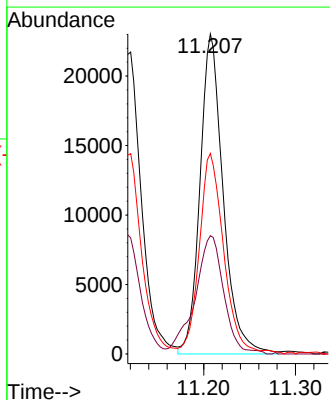
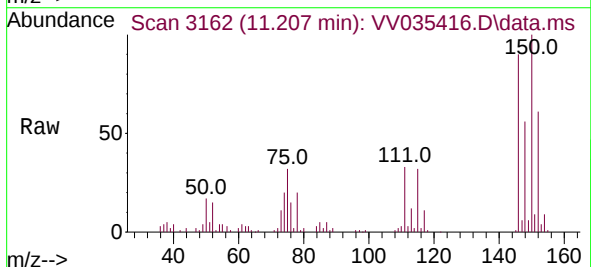


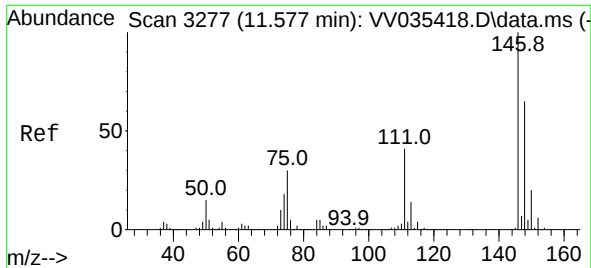
Tgt Ion:146 Resp: 35700
Ion Ratio Lower Upper
146 100
111 38.4 27.0 50.2
148 66.3 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.570 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Tgt Ion:146 Resp: 40423
Ion Ratio Lower Upper
146 100
111 37.0 26.5 49.1
148 62.7 45.0 83.6

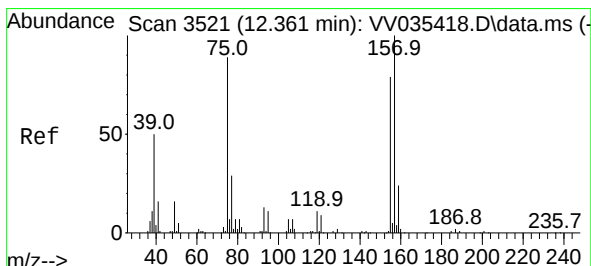
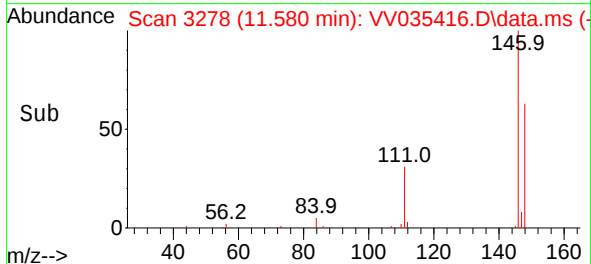
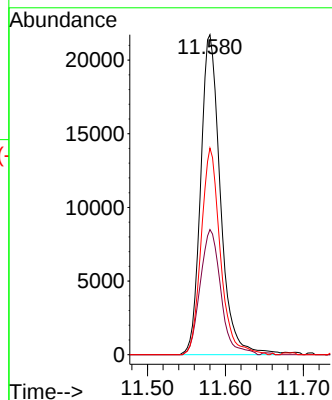
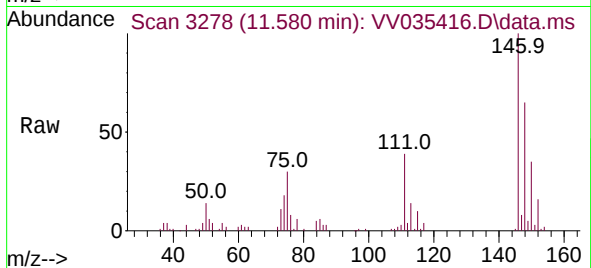




#67
1,2-Dichlorobenzene
Concen: 5.442 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

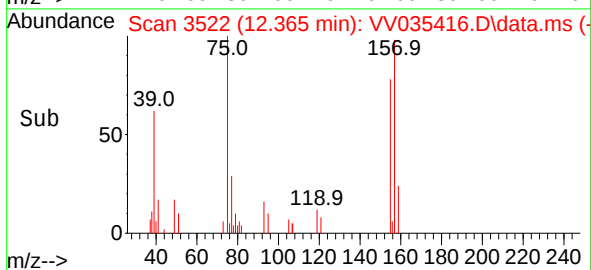
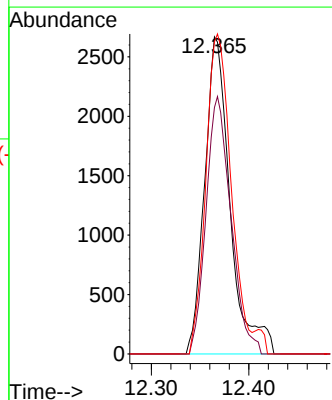
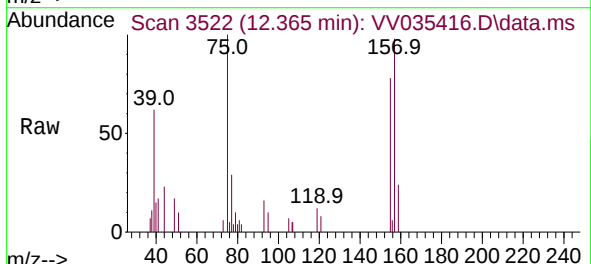
Instrument :
MSVOA_V
ClientSampleId :

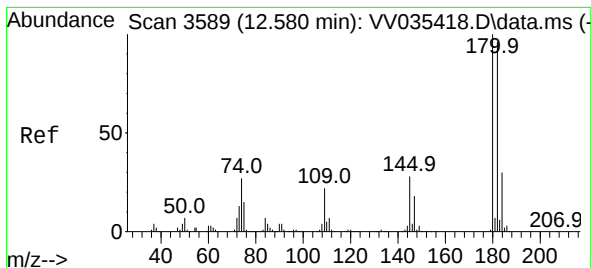
Tgt Ion:146 Resp: 38145
Ion Ratio Lower Upper
146 100
111 39.1 33.3 49.9
148 64.6 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.912 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.003 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Tgt Ion: 75 Resp: 4842
Ion Ratio Lower Upper
75 100
155 77.7 70.6 106.0
157 98.4 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 5.034 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

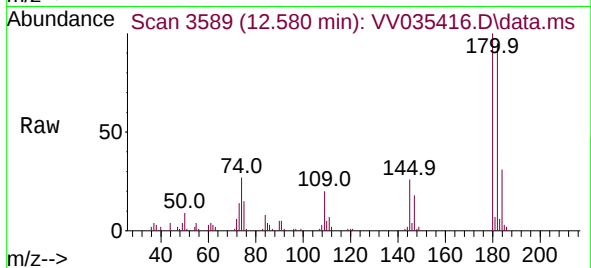
Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 24678

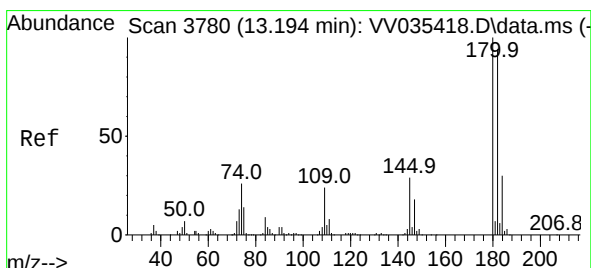
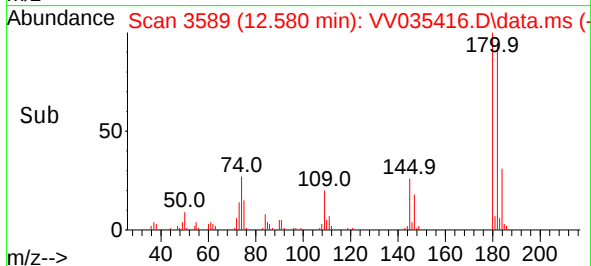
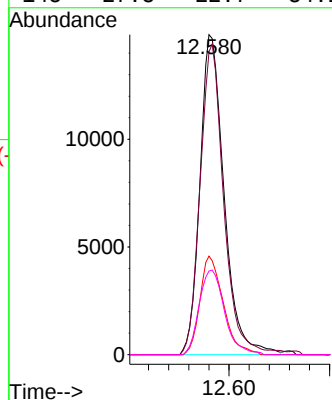
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

184 29.9 23.8 35.6

145 27.8 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 4.478 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV035416.D

Acq: 26 Apr 2024 09:29

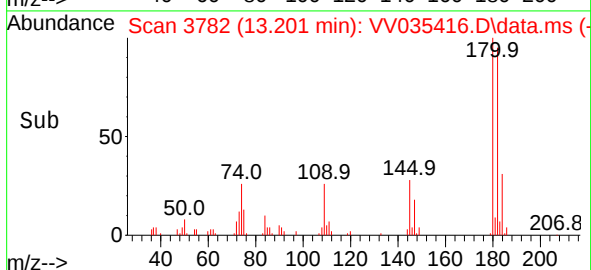
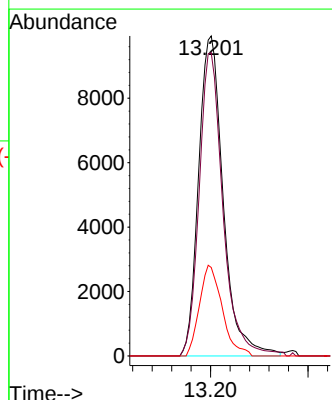
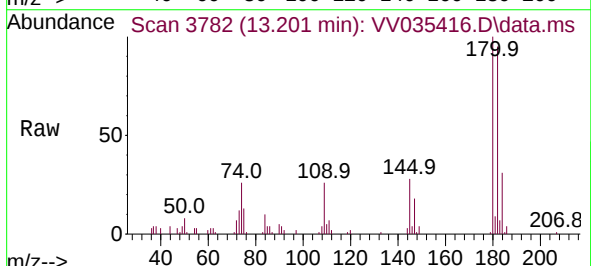
Tgt Ion:180 Resp: 17427

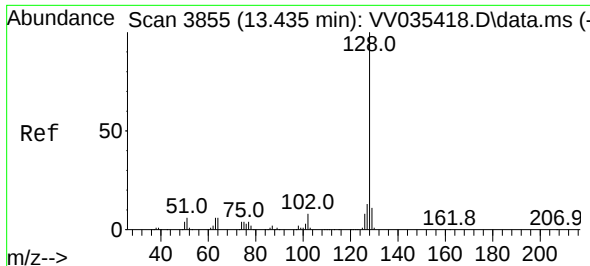
Ion Ratio Lower Upper

180 100

182 91.3 75.1 112.7

145 26.1 23.2 34.8

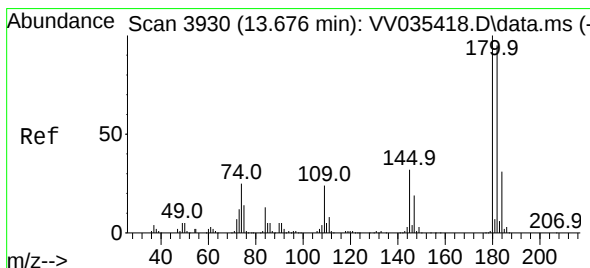
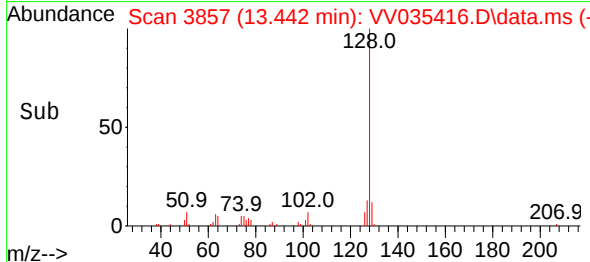
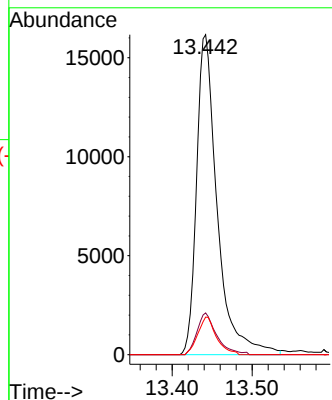
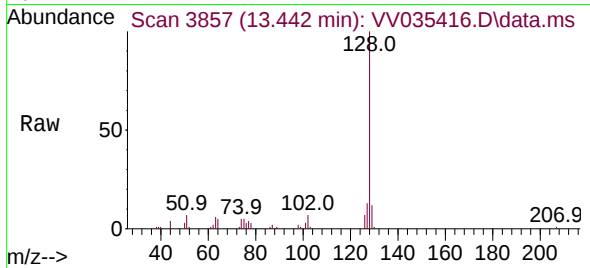




#71
Naphthalene
Concen: 3.448 ug/L
RT: 13.442 min Scan# 3855
Delta R.T. 0.006 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	29059
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.5	15.7
129	10.6	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 4.209 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035416.D
Acq: 26 Apr 2024 09:29

Tgt Ion:	180	Resp:	15958
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.6	115.0
145	30.6	24.7	37.1

