

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041524\
 Data File : VV035199.D
 Acq On : 15 Apr 2024 14:17
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 16 00:26:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:18:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	229124	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	226321	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	117377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104854	4.887	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.532	69	81686	4.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.060	65	43244	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.822	46	191281	52.712	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.420%
24) Chloroform-d	4.249	84	163504	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.947	65	79930	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	4.960	84	326331	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	5.989	67	100661	5.034	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.243	98	298500	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	7.555	79	37116	5.201	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.027	63	157614	53.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.060%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	77172	5.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	101811	4.880	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	104281	4.808	ug/L	98
3) Chloromethane	1.214	50	119782	4.735	ug/L	99
5) Vinyl chloride	1.282	62	123637	4.982	ug/L	100
6) Bromomethane	1.490	94	71888	5.054	ug/L	99
8) Chloroethane	1.552	64	74464	4.874	ug/L	99
9) Trichlorofluoromethane	1.716	101	143232	4.844	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	87848	4.839	ug/L	100
12) 1,1-Dichloroethene	2.069	96	83486	4.800	ug/L	97
13) Acetone	2.143	43	40212	16.444	ug/L #	54
14) Carbon disulfide	2.240	76	278043	5.067	ug/L	100
15) Methyl Acetate	2.388	43	36895	5.728	ug/L	98
16) Methylene chloride	2.445	84	100007	4.565	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	206015	5.247	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	86998	4.895	ug/L	99
19) 1,1-Dichloroethane	3.111	63	172985	4.839	ug/L	99
21) 2-Butanone	3.902	43	195751	48.907	ug/L #	63
22) cis-1,2-Dichloroethene	3.815	96	92047	5.037	ug/L	99
23) Bromochloromethane	4.153	128	40050	4.846	ug/L	89
25) Chloroform	4.275	83	169398	4.874	ug/L	99

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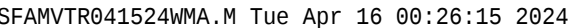
Instrument :
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 ClientSampleId :

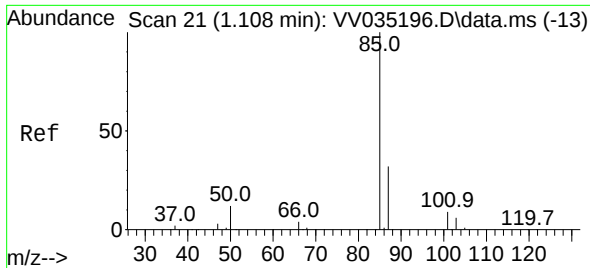
Quant Time: Apr 16 00:26:05 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:18:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	102474	5.027	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	140102	4.919	ug/L	100
30) Cyclohexane	4.584	56	136614	5.035	ug/L	99
31) Carbon tetrachloride	4.735	117	117125	4.819	ug/L	100
33) Benzene	5.011	78	361213	5.077	ug/L	100
34) Trichloroethene	5.834	95	93592	5.001	ug/L	99
35) Methylcyclohexane	6.050	83	142956	5.071	ug/L	98
37) 1,2-Dichloropropane	6.092	63	98452	5.233	ug/L	100
38) Bromodichloromethane	6.432	83	114796	5.012	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	131046	5.240	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	530012	53.472	ug/L	97
42) Toluene	7.313	91	377831	5.121	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	106864	5.285	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	65586	5.024	ug/L	99
47) Tetrachloroethene	7.905	164	71239	4.799	ug/L	96
48) 2-Hexanone	8.075	43	391924	53.450	ug/L	99
49) Dibromochloromethane	8.175	129	66064	4.899	ug/L	100
50) 1,2-Dibromoethane	8.284	107	60102	4.903	ug/L	99
51) Chlorobenzene	8.812	112	242131	5.071	ug/L	100
52) Ethylbenzene	8.947	91	404888	5.122	ug/L	100
53) m,p-Xylene	9.072	106	150344	5.162	ug/L	98
54) o-Xylene	9.477	106	144084	5.126	ug/L	98
55) Styrene	9.493	104	252006	5.328	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	78908	4.932	ug/L	98
59) Bromoform	9.664	173	33522	4.794	ug/L	99
60) Isopropylbenzene	9.866	105	394831	5.236	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	57021	4.838	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	314257	5.161	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	317742	5.281	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	192459	5.072	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	193829	4.890	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	176482	5.009	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	11669	5.016	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	148389	5.152	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	127530	5.309	ug/L	99
71) Naphthalene	13.439	128	225423	6.530	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	116812	5.477	ug/L	99

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

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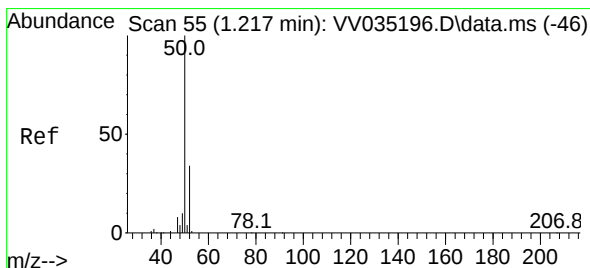
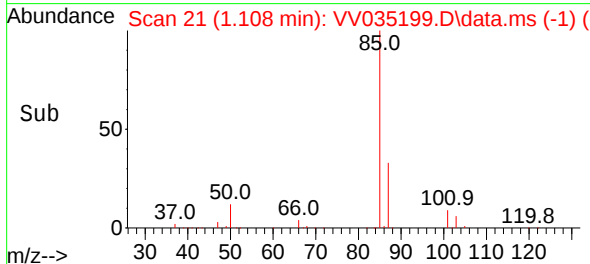
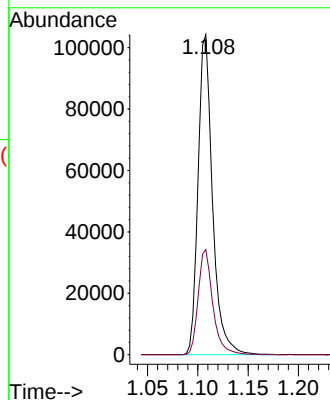
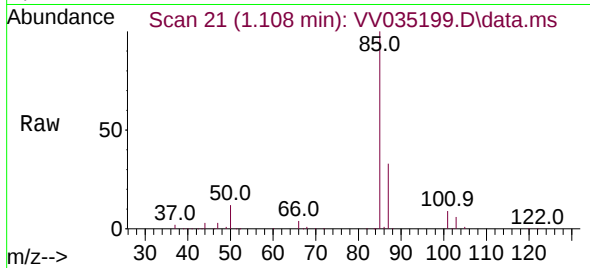




#2
 Dichlorodifluoromethane
 Concen: 4.808 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035199.D
 Acq: 15 Apr 2024 14:17

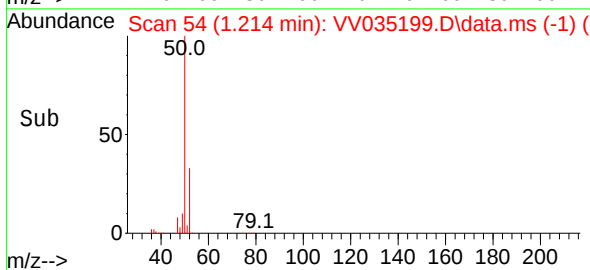
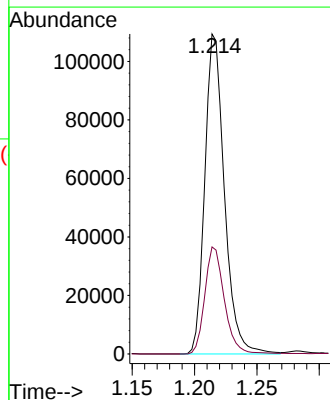
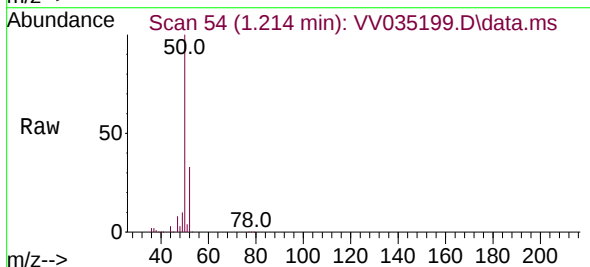
Instrument :
 MSVOA_V
 ClientSampleId :

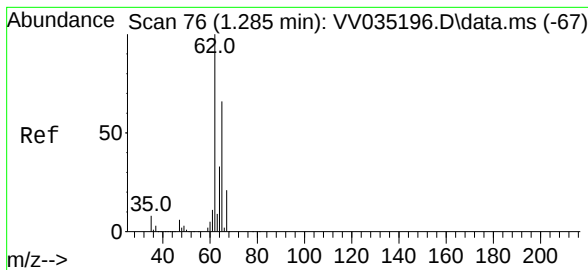
Tgt Ion: 85 Resp: 104281
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.8 38.6



#3
 Chloromethane
 Concen: 4.735 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV035199.D
 Acq: 15 Apr 2024 14:17

Tgt Ion: 50 Resp: 119782
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.7 43.9





#5

Vinyl chloride

Concen: 4.982 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

Instrument :

MSVOA_V

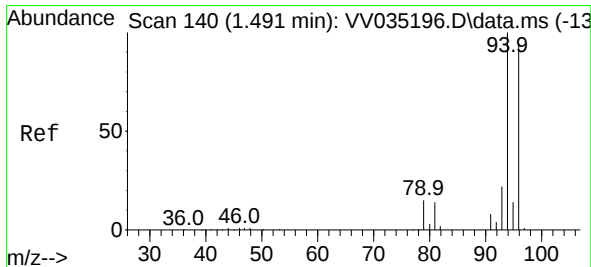
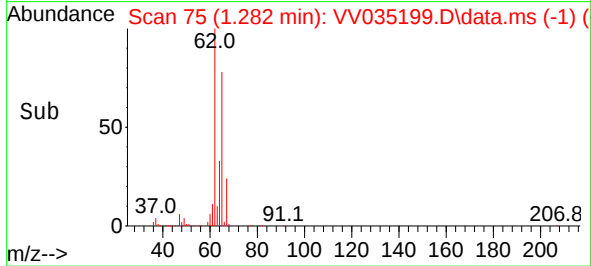
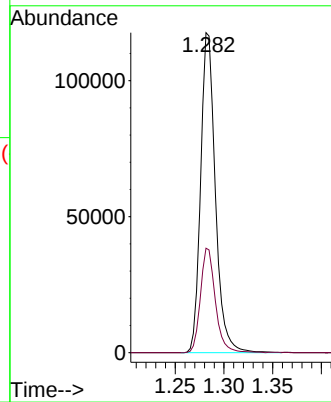
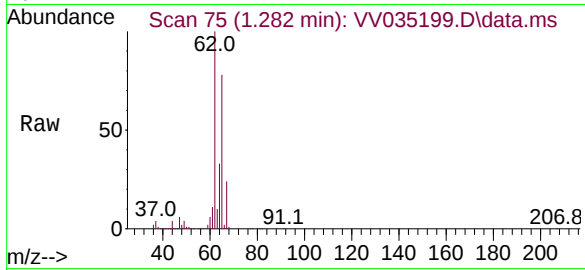
ClientSampleId :

Tgt Ion: 62 Resp: 123637

Ion Ratio Lower Upper

62 100

64 32.6 22.8 42.4



#6

Bromomethane

Concen: 5.054 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV035199.D

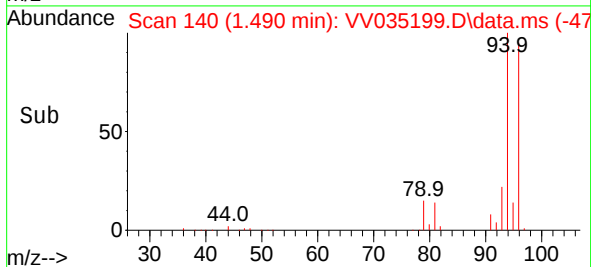
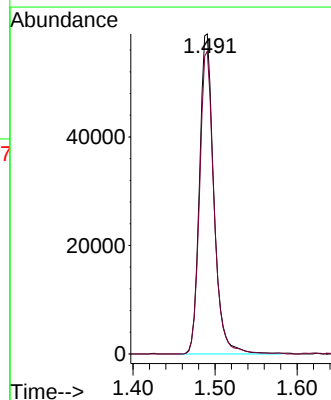
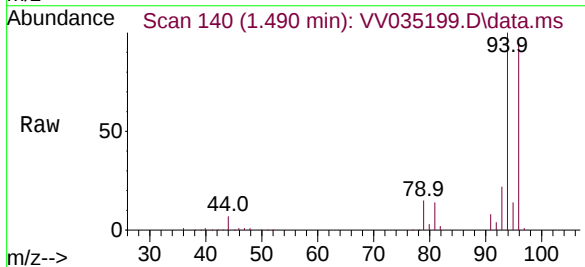
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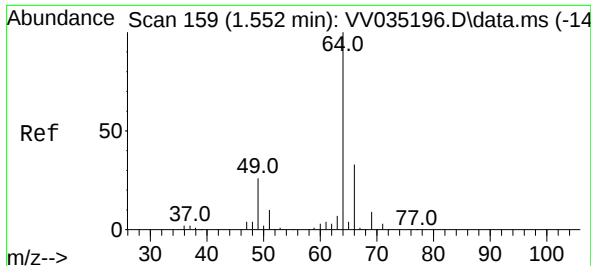
Tgt Ion: 94 Resp: 71888

Ion Ratio Lower Upper

94 100

96 94.6 65.7 122.1

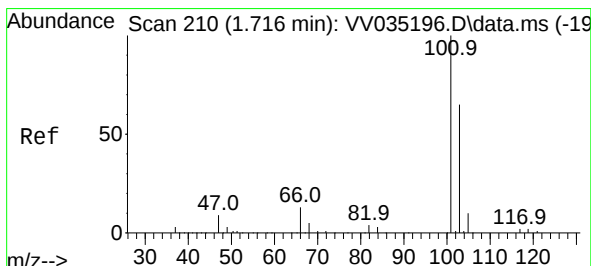
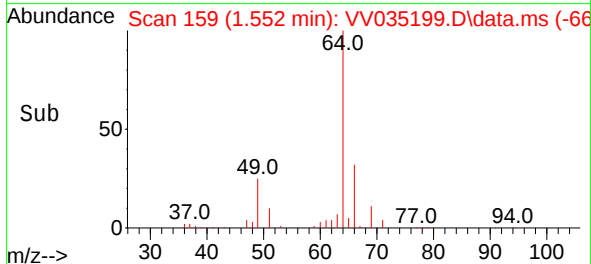
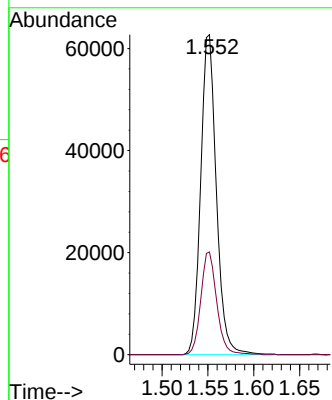
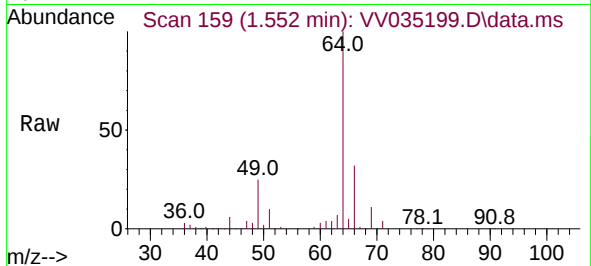




#8
Chloroethane
Concen: 4.874 ug/L
RT: 1.552 min Scan# 159
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

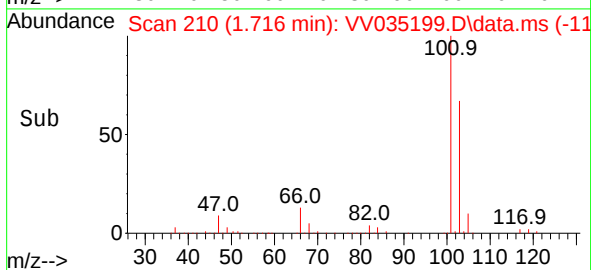
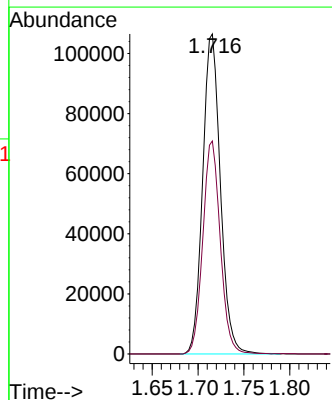
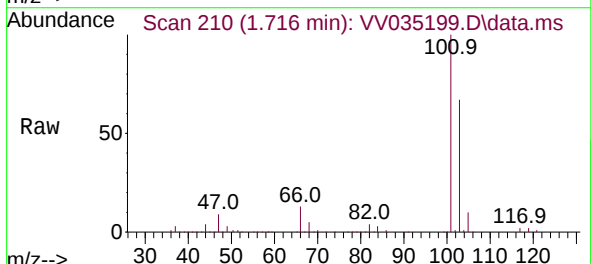
Instrument :
MSVOA_V
ClientSampleId :

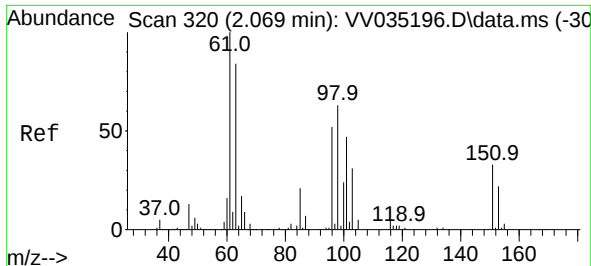
Tgt Ion: 64 Resp: 74464
Ion Ratio Lower Upper
64 100
66 32.1 23.0 42.6



#9
Trichlorofluoromethane
Concen: 4.844 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

Tgt Ion:101 Resp: 143232
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

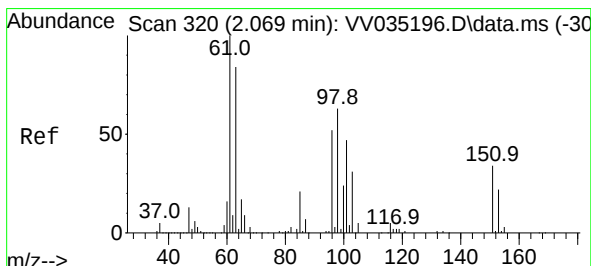
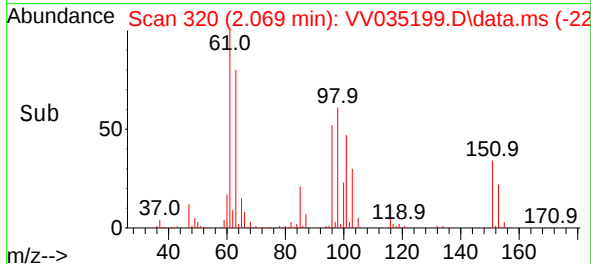
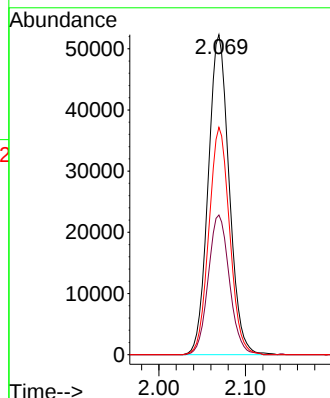
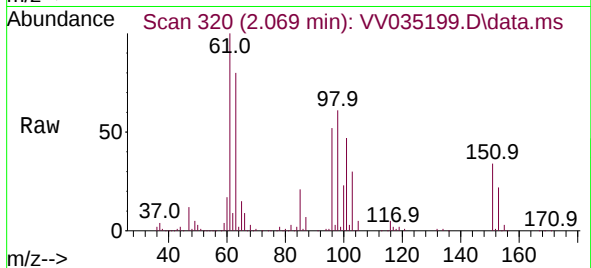




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.839 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV035199.D
 Acq: 15 Apr 2024 14:17

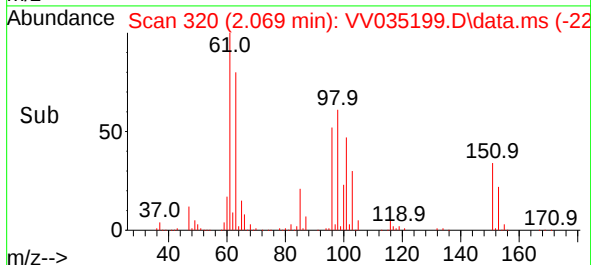
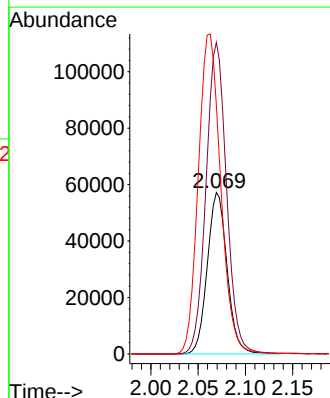
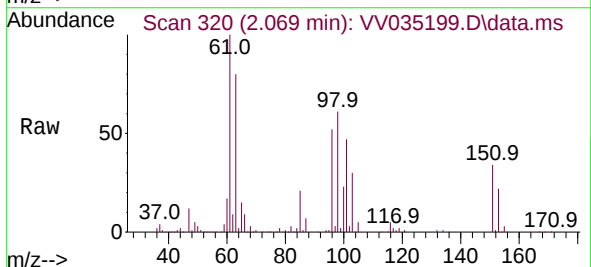
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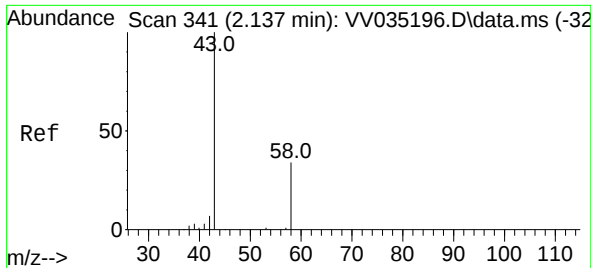
Tgt Ion:101 Resp: 87848
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.8 53.6
 151 70.4 56.2 84.2



#12
 1,1-Dichloroethene
 Concen: 4.800 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV035199.D
 Acq: 15 Apr 2024 14:17

Tgt Ion: 96 Resp: 83486
 Ion Ratio Lower Upper
 96 100
 61 193.0 133.5 247.9
 63 154.1 112.5 208.9





#13

Acetone

Concen: 16.444 ug/L

RT: 2.143 min Scan# 341

Delta R.T. 0.006 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

Instrument :

MSVOA_V

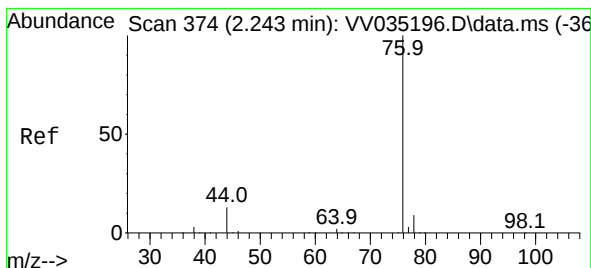
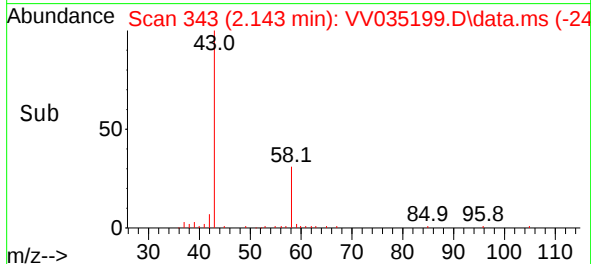
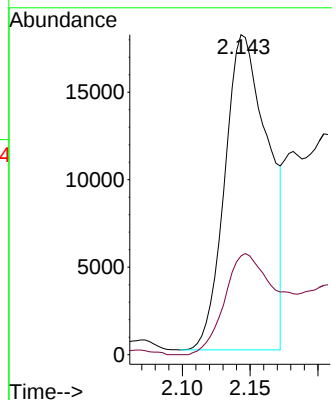
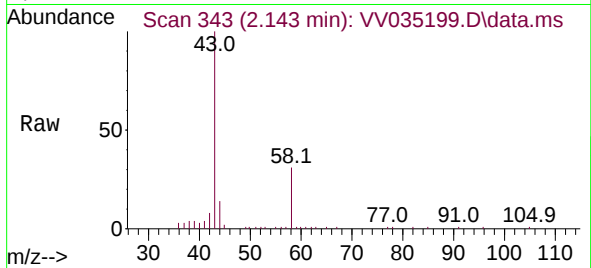
ClientSampleId :

Tgt Ion: 43 Resp: 40212

Ion Ratio Lower Upper

43 100

58 40.5 0.0 39.2#



#14

Carbon disulfide

Concen: 5.067 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV035199.D

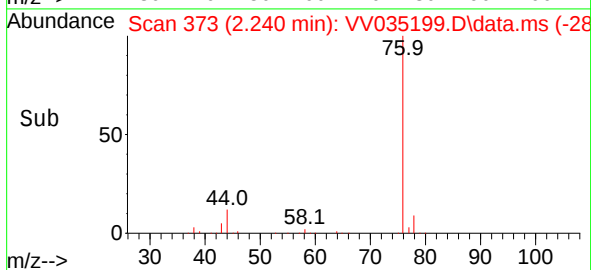
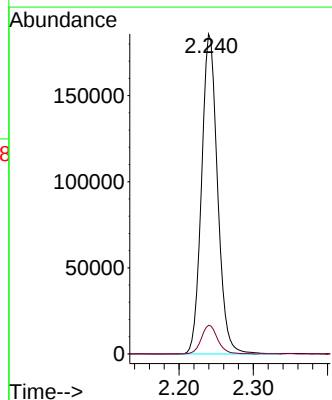
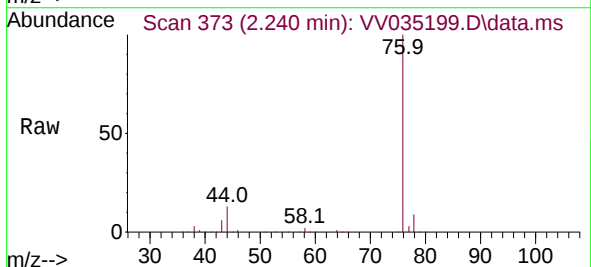
Acq: 15 Apr 2024 14:17

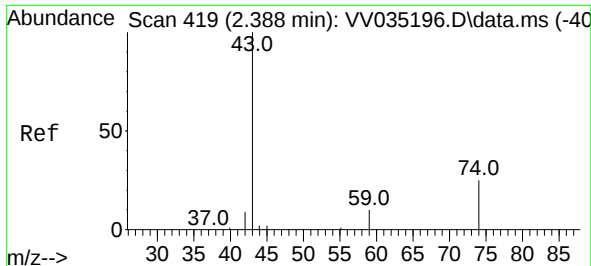
Tgt Ion: 76 Resp: 278043

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8





#15

Methyl Acetate

Concen: 5.728 ug/L

RT: 2.388 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

Instrument :

MSVOA_V

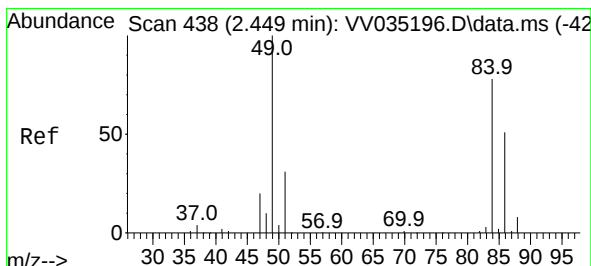
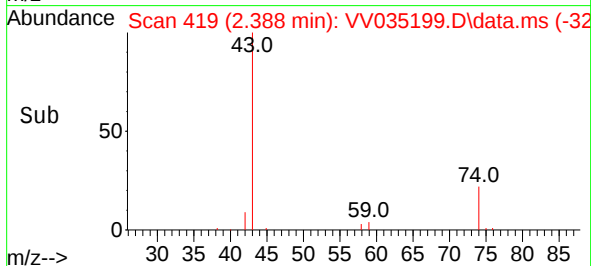
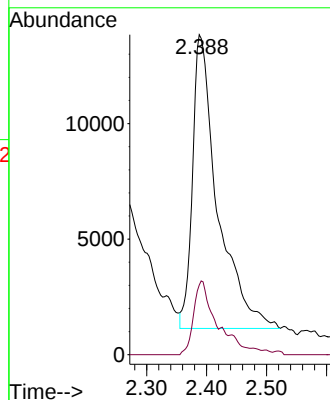
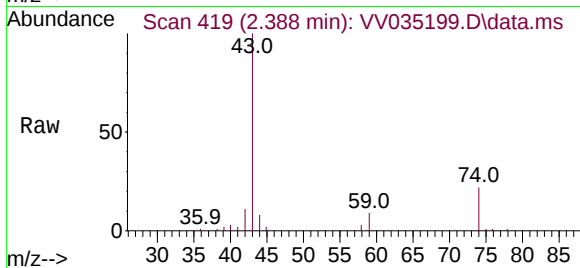
ClientSampleId :

Tgt Ion: 43 Resp: 36895

Ion Ratio Lower Upper

43 100

74 24.1 18.3 27.5



#16

Methylene chloride

Concen: 4.565 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.003 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

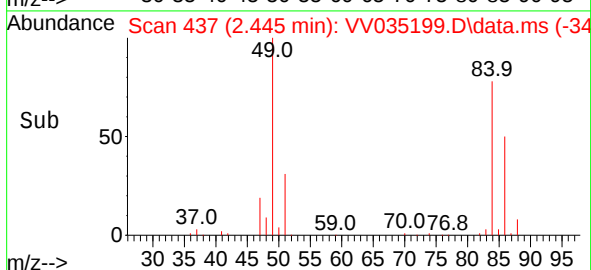
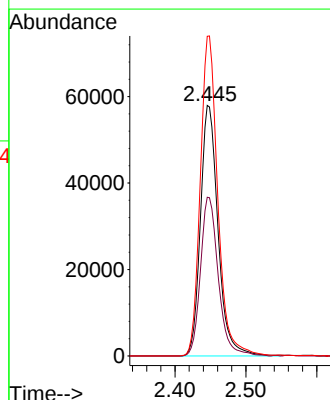
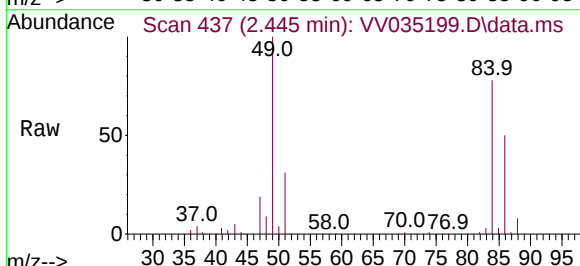
Tgt Ion: 84 Resp: 100007

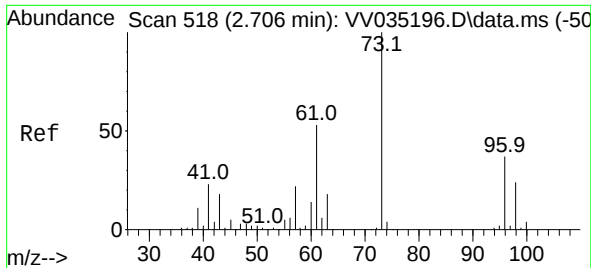
Ion Ratio Lower Upper

84 100

86 63.3 45.6 84.6

49 127.6 89.5 166.1

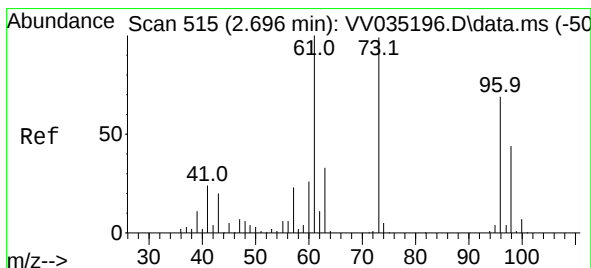
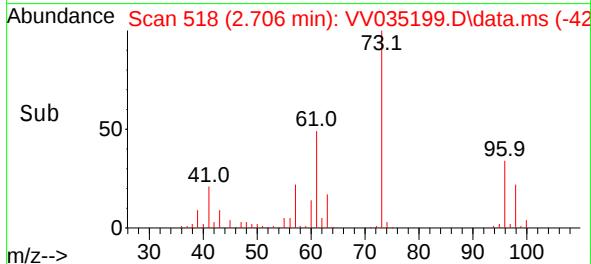
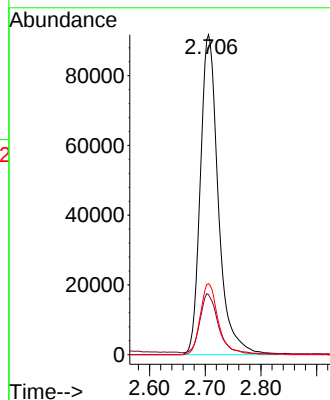
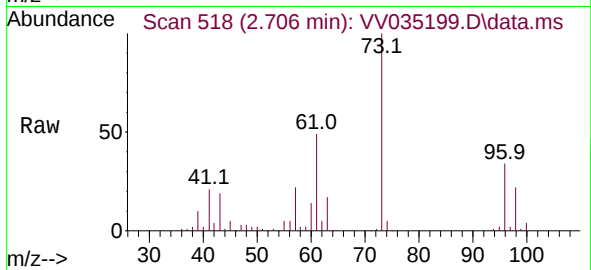




#17
Methyl tert-butyl Ether
Concen: 5.247 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

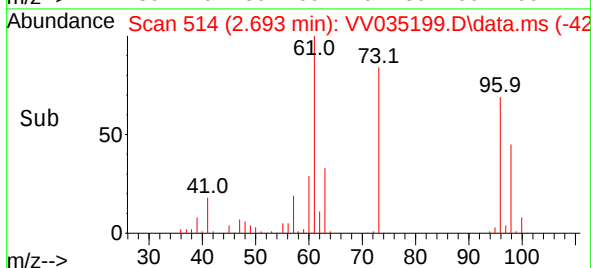
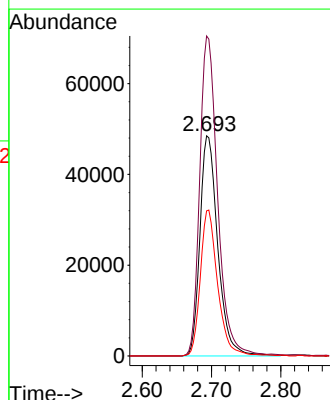
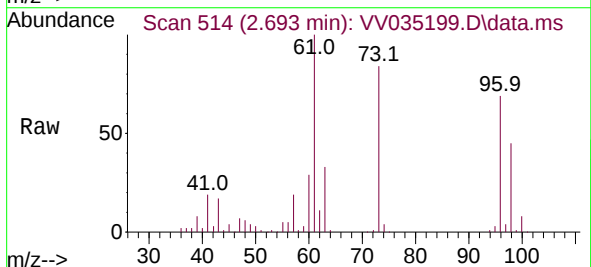
Instrument :
MSVOA_V
ClientSampleId :

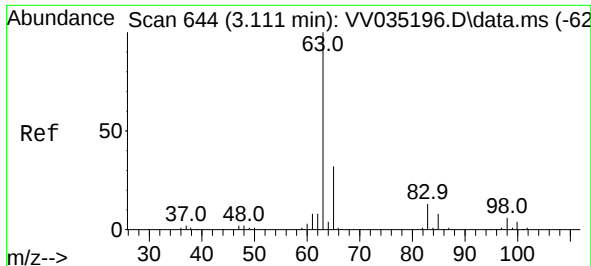
Tgt Ion: 73 Resp: 206015
Ion Ratio Lower Upper
73 100
43 18.8 15.7 23.5
57 22.3 18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 4.895 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

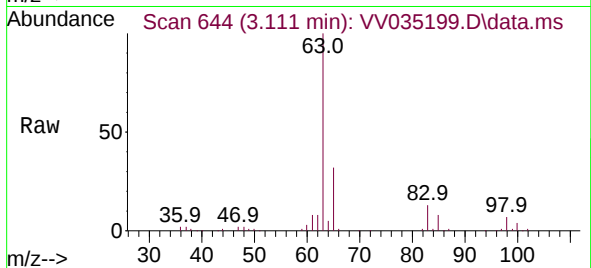
Tgt Ion: 96 Resp: 86998
Ion Ratio Lower Upper
96 100
61 145.4 101.8 189.2
98 65.9 44.7 82.9



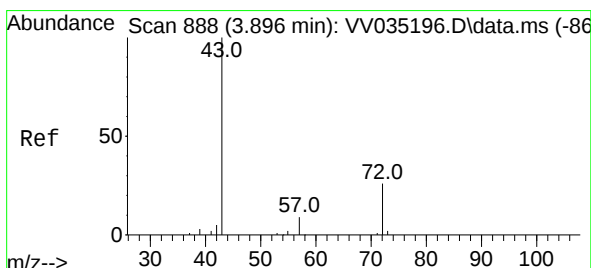
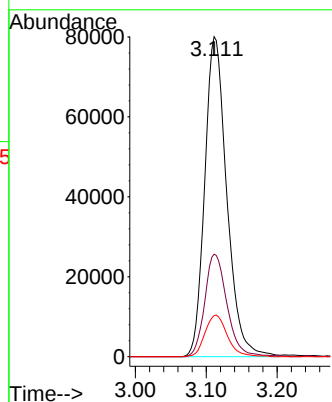
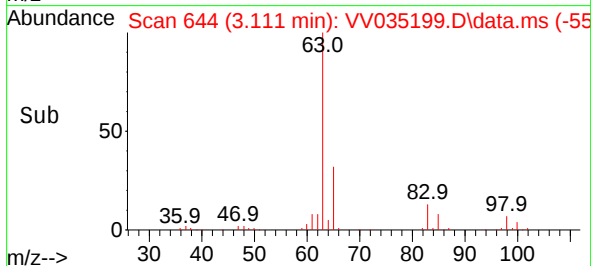


#19
1,1-Dichloroethane
Concen: 4.839 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

Instrument :
MSVOA_V
ClientSampleId :

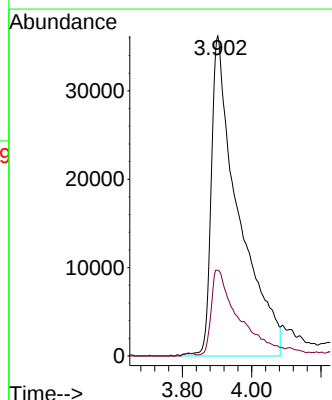
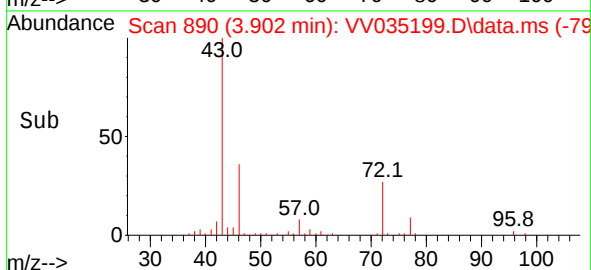
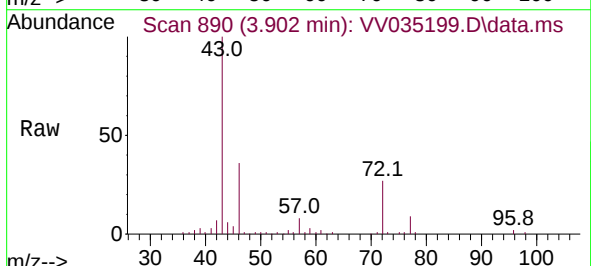


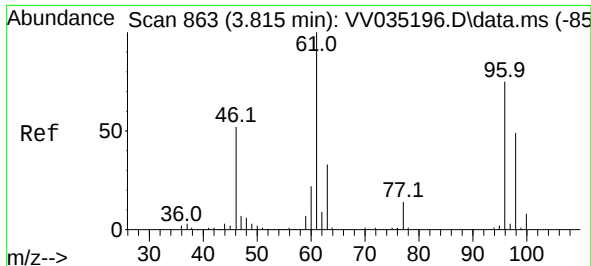
Tgt Ion: 63 Resp: 172985
Ion Ratio Lower Upper
63 100
65 32.0 22.2 41.2
83 12.9 9.4 17.4



#21
2-Butanone
Concen: 48.907 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.006 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

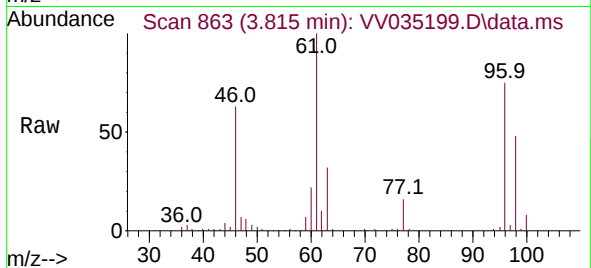
Tgt Ion: 43 Resp: 195751
Ion Ratio Lower Upper
43 100
72 27.1 6.3 18.8#



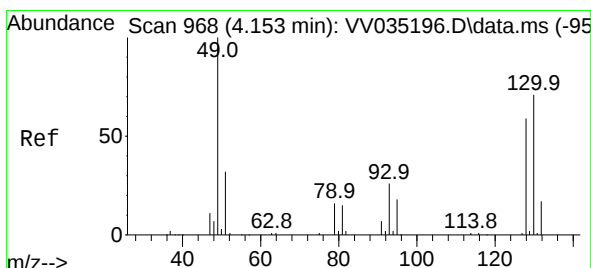
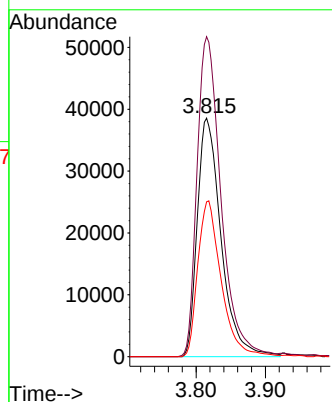
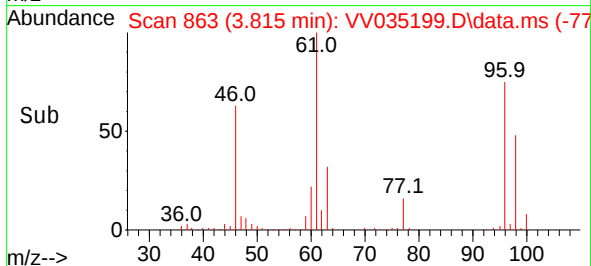


#22
 cis-1,2-Dichloroethene
 Concen: 5.037 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV035199.D
 Acq: 15 Apr 2024 14:17

Instrument :
 MSVOA_V
 ClientSampleId :

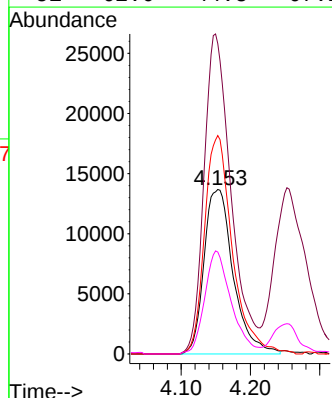
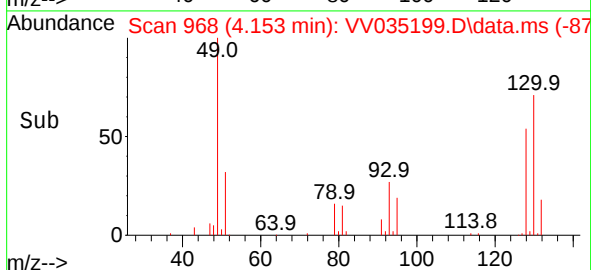
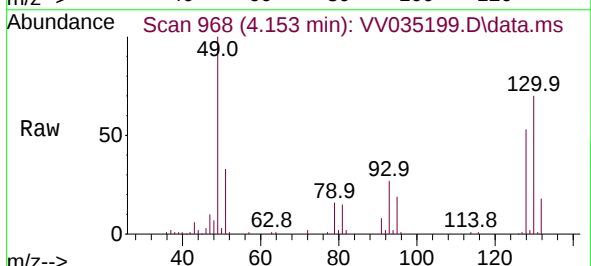


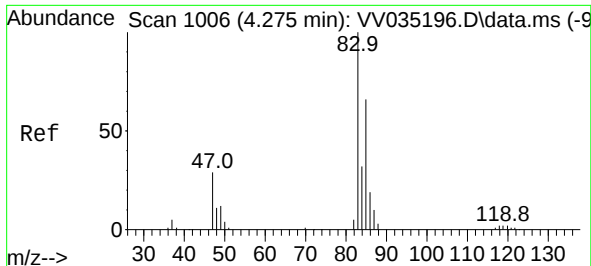
Tgt Ion: 96 Resp: 92047
 Ion Ratio Lower Upper
 96 100
 61 134.2 92.8 172.4
 98 64.9 45.5 84.5



#23
 Bromochloromethane
 Concen: 4.846 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VV035199.D
 Acq: 15 Apr 2024 14:17

Tgt Ion:128 Resp: 40050
 Ion Ratio Lower Upper
 128 100
 49 188.7 119.8 222.4
 130 132.8 85.2 158.2
 51 62.0 44.8 67.2





#25

Chloroform

Concen: 4.874 ug/L

RT: 4.275 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

Instrument :

MSVOA_V

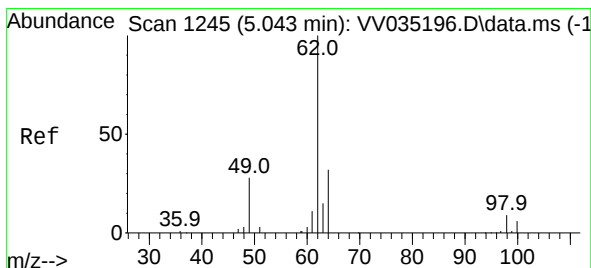
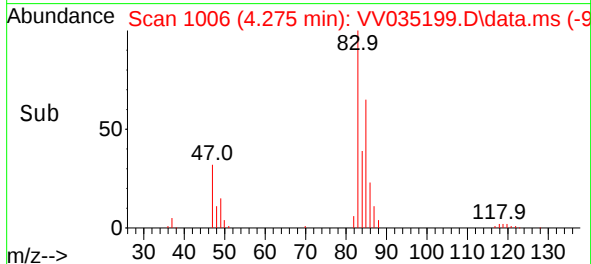
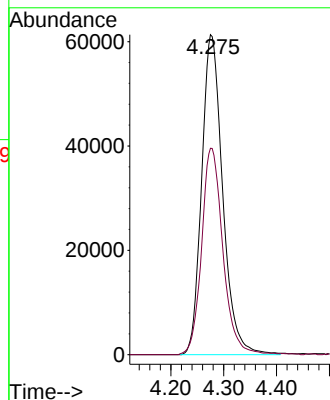
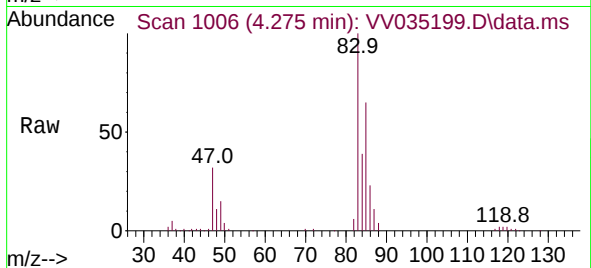
ClientSampleId :

Tgt Ion: 83 Resp: 169398

Ion Ratio Lower Upper

83 100

85 64.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 5.027 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VV035199.D

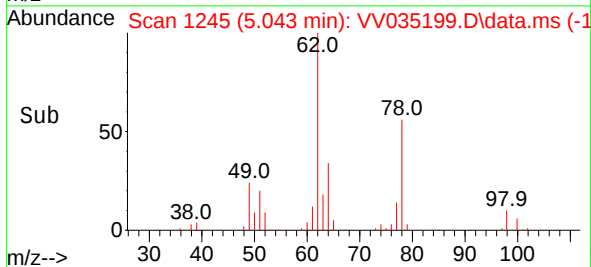
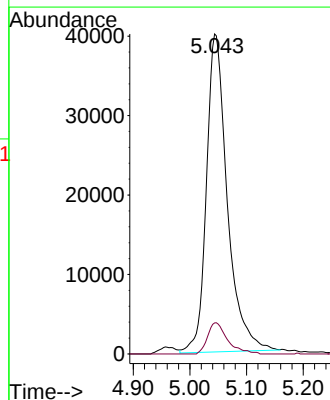
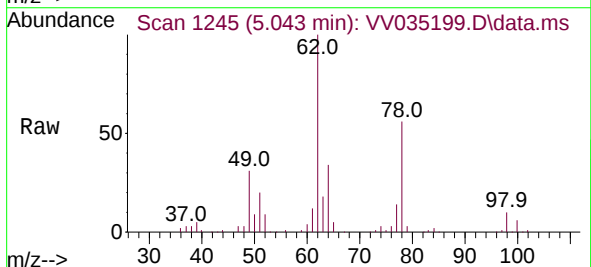
Acq: 15 Apr 2024 14:17

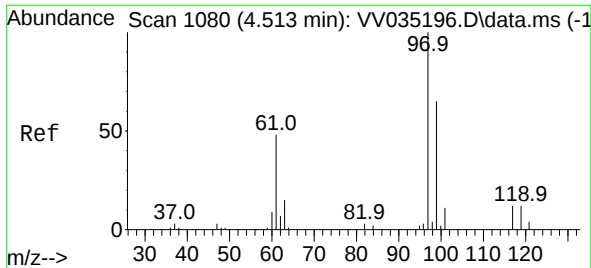
Tgt Ion: 62 Resp: 102474

Ion Ratio Lower Upper

62 100

98 9.7 7.3 10.9

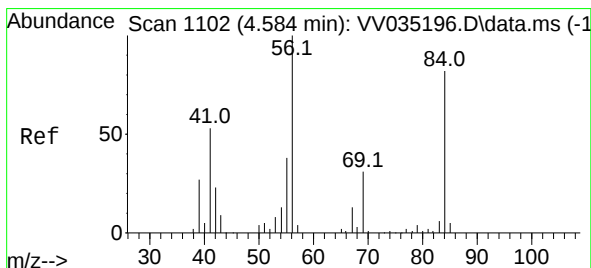
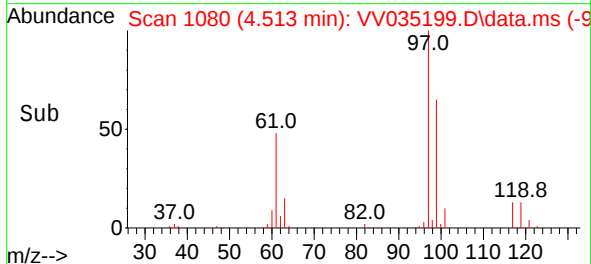
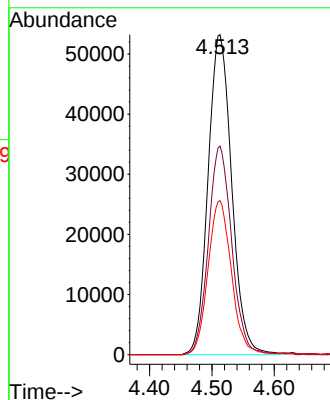
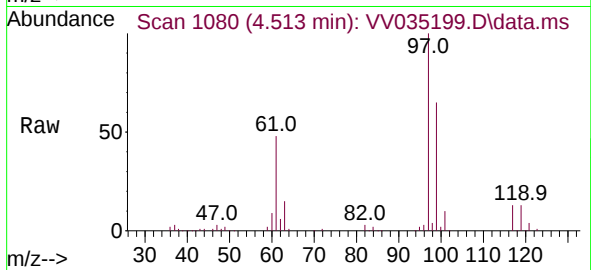




#29
1,1,1-Trichloroethane
Concen: 4.919 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

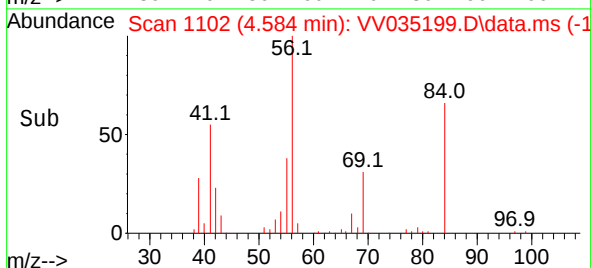
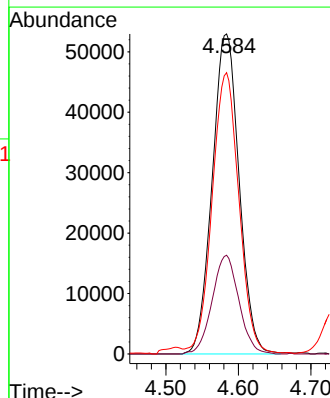
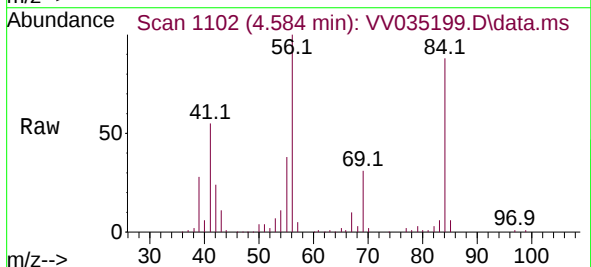
Instrument :
MSVOA_V
ClientSampleId :

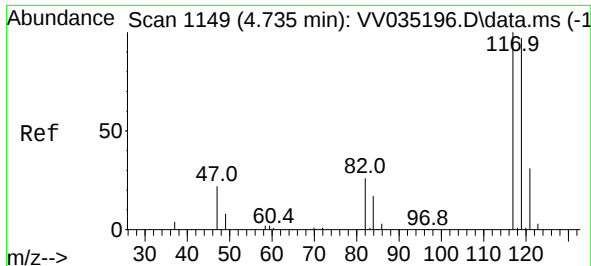
Tgt Ion: 97 Resp: 140102
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 48.0 38.3 57.5



#30
Cyclohexane
Concen: 5.035 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

Tgt Ion: 56 Resp: 136614
Ion Ratio Lower Upper
56 100
69 30.6 24.8 37.2
84 87.6 69.4 104.2

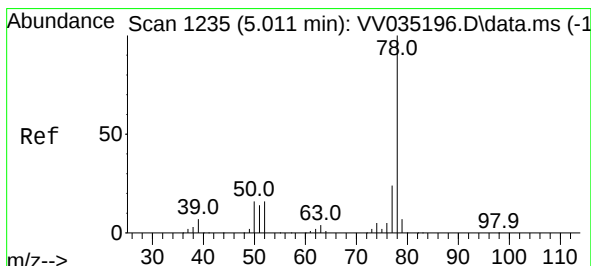
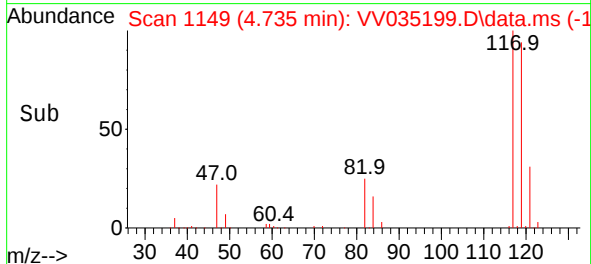
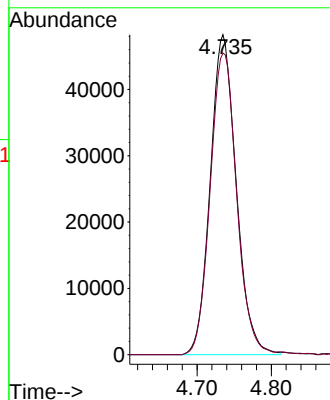
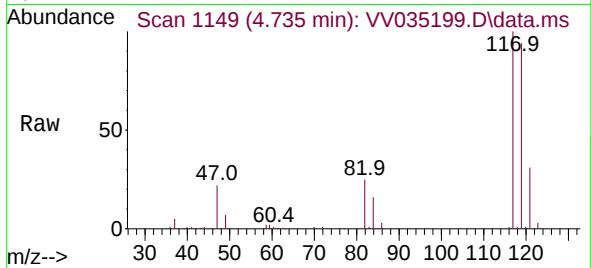




#31
Carbon tetrachloride
Concen: 4.819 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

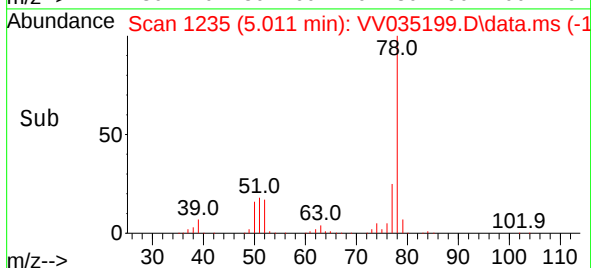
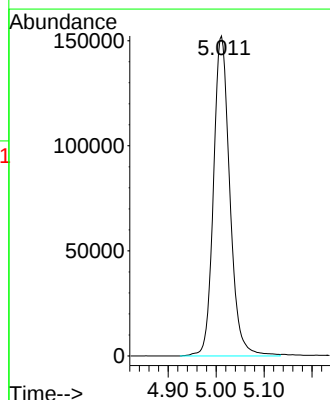
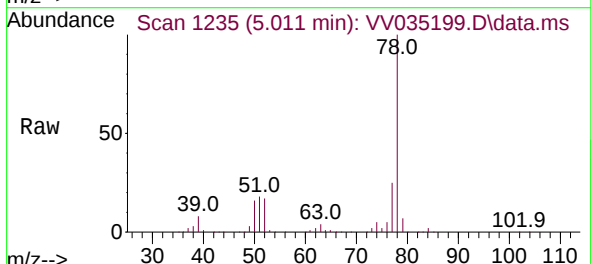
Instrument :
MSVOA_V
ClientSampleId :

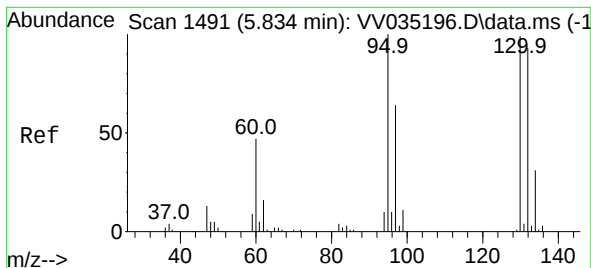
Tgt Ion:117 Resp: 117125
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6



#33
Benzene
Concen: 5.077 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

Tgt Ion: 78 Resp: 361213





#34

Trichloroethene

Concen: 5.001 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 93592

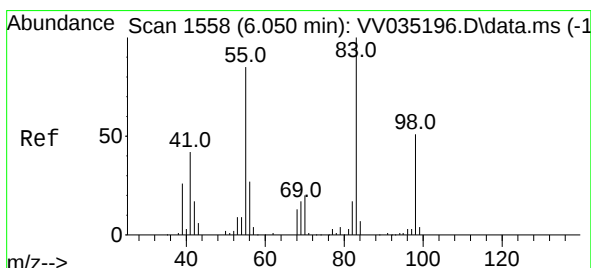
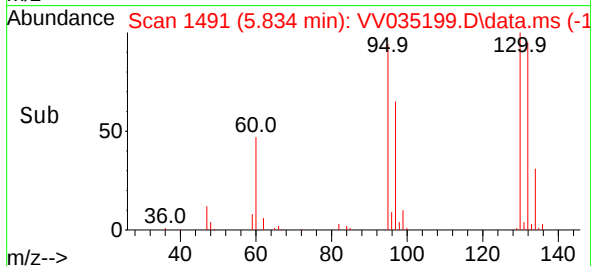
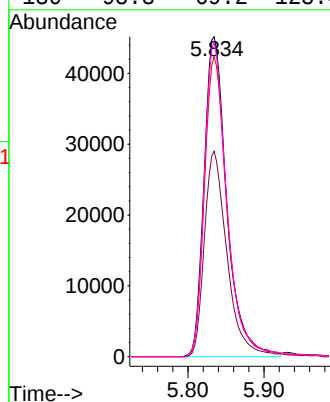
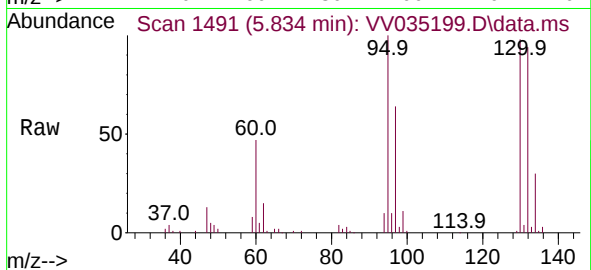
Ion Ratio Lower Upper

95 100

97 64.2 44.7 82.9

132 93.7 64.8 120.3

130 98.3 69.2 128.4



#35

Methylcyclohexane

Concen: 5.071 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

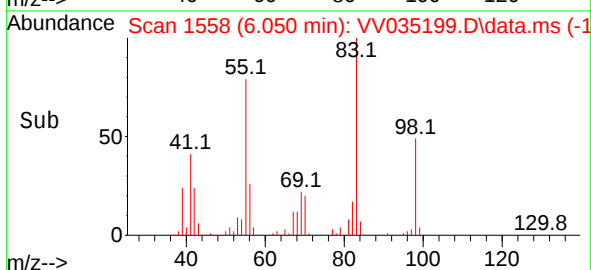
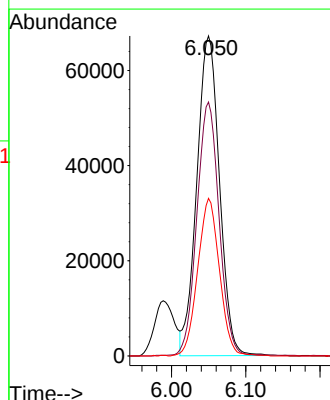
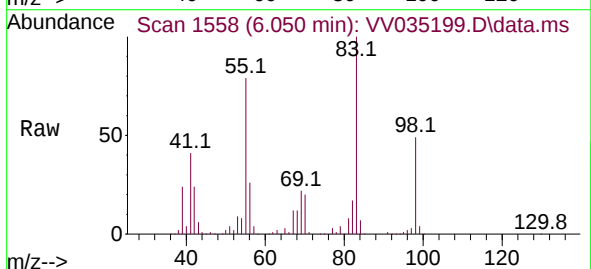
Tgt Ion: 83 Resp: 142956

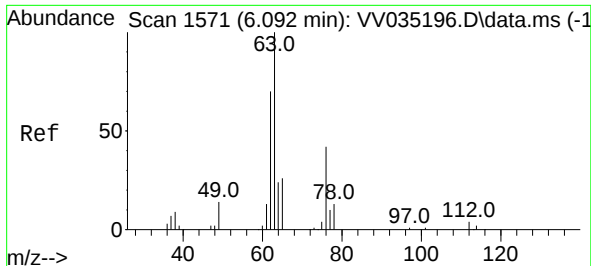
Ion Ratio Lower Upper

83 100

55 77.2 63.8 95.6

98 47.3 37.4 56.2

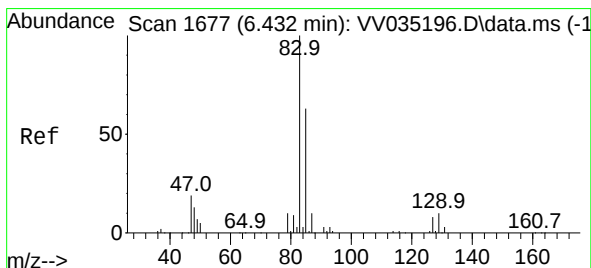
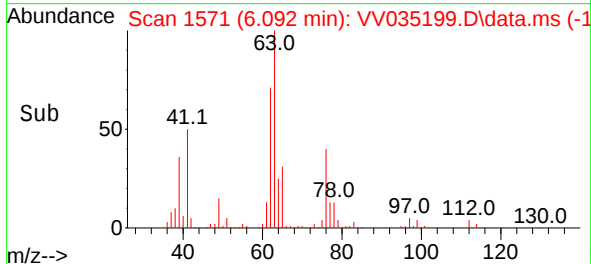
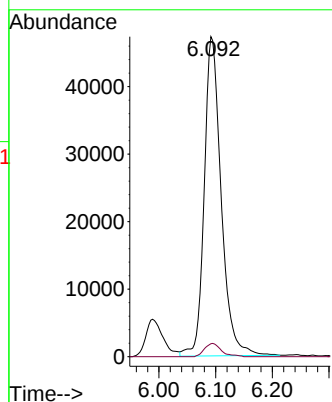
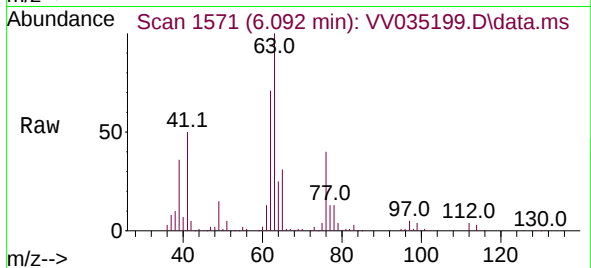




#37
1,2-Dichloropropane
Concen: 5.233 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

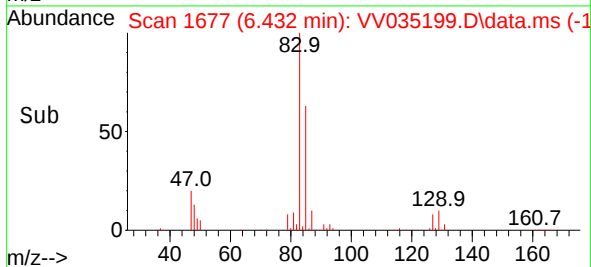
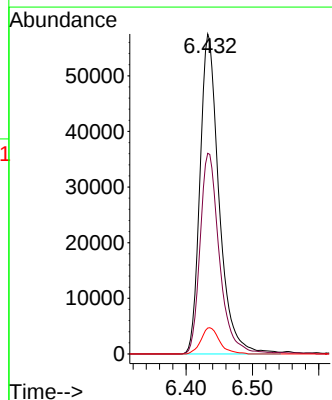
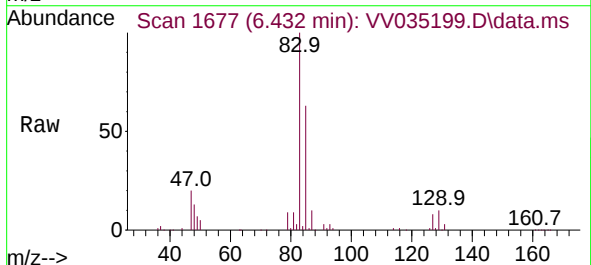
Instrument :
MSVOA_V
ClientSampleId :

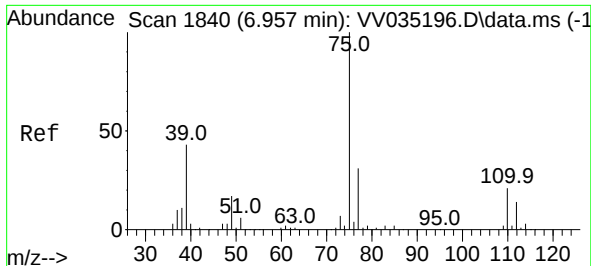
Tgt Ion: 63 Resp: 98452
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 5.012 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

Tgt Ion: 83 Resp: 114796
Ion Ratio Lower Upper
83 100
85 62.7 43.8 81.4
127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.240 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

Instrument :

MSVOA_V

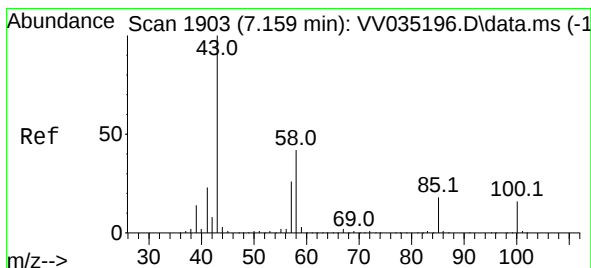
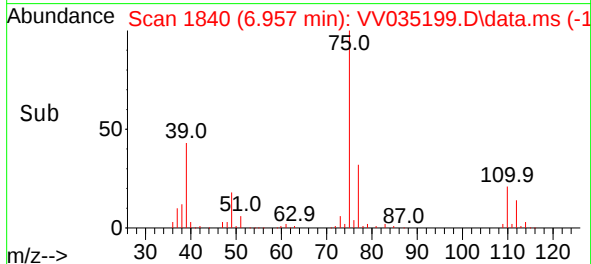
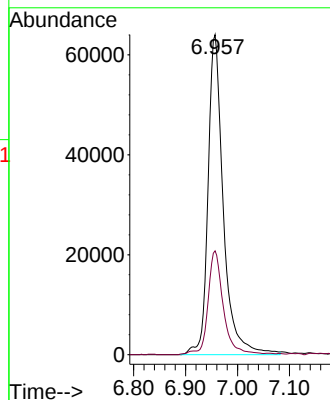
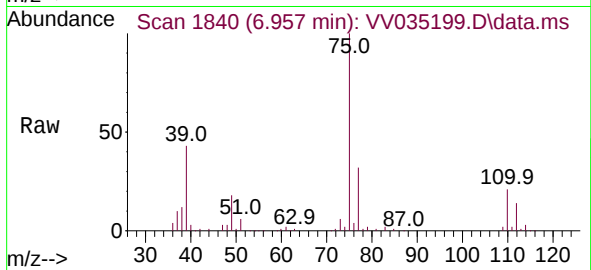
ClientSampleId :

Tgt Ion: 75 Resp: 131046

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 53.472 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

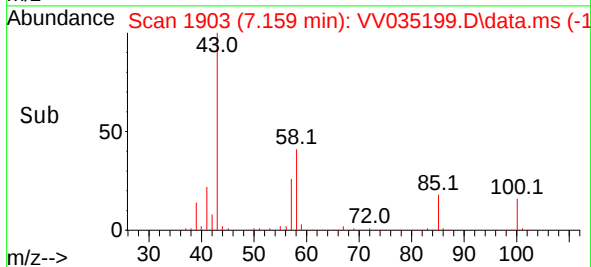
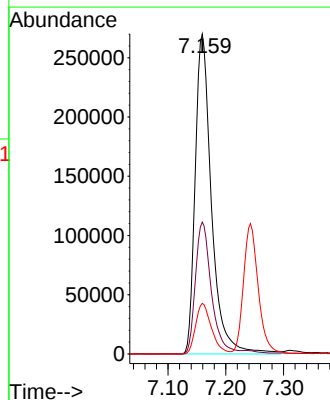
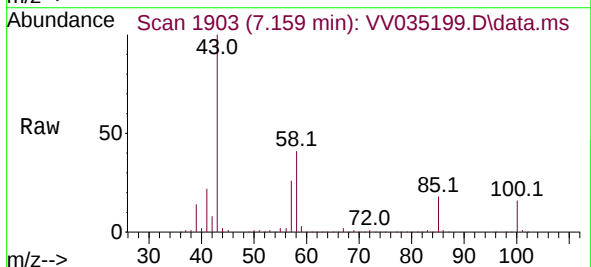
Tgt Ion: 43 Resp: 530012

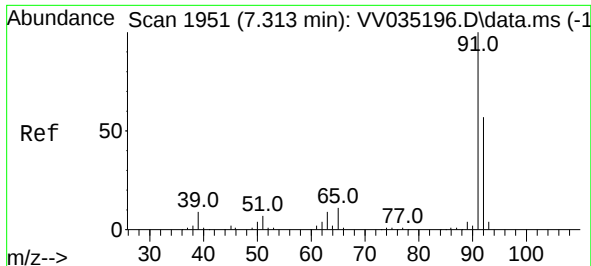
Ion Ratio Lower Upper

43 100

58 40.3 33.4 50.0

100 15.3 10.6 15.8





#42

Toluene

Concen: 5.121 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

Instrument :

MSVOA_V

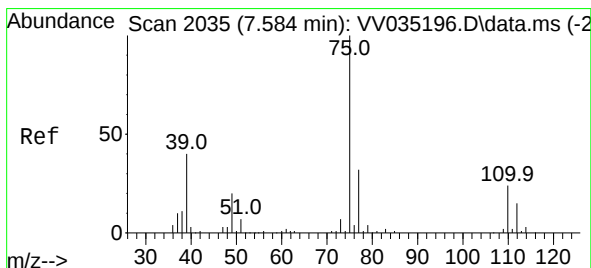
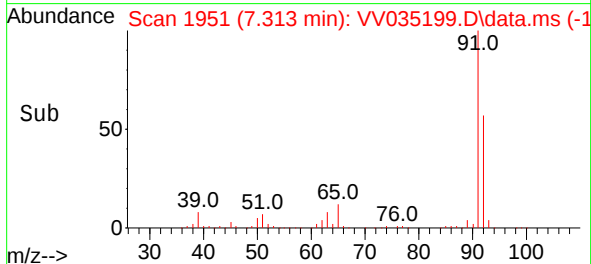
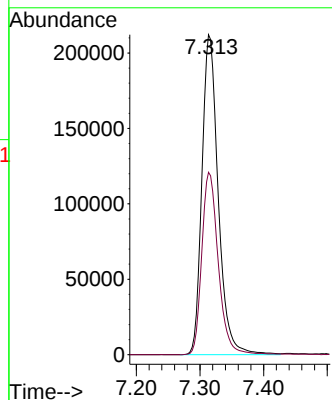
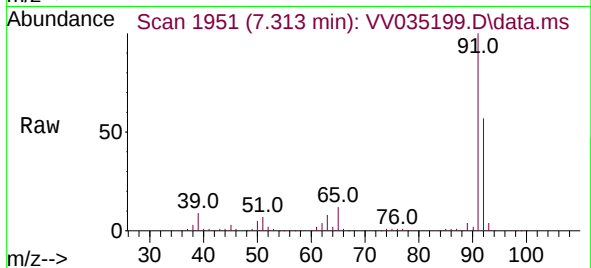
ClientSampleId :

Tgt Ion: 91 Resp: 377831

Ion Ratio Lower Upper

91 100

92 57.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.285 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV035199.D

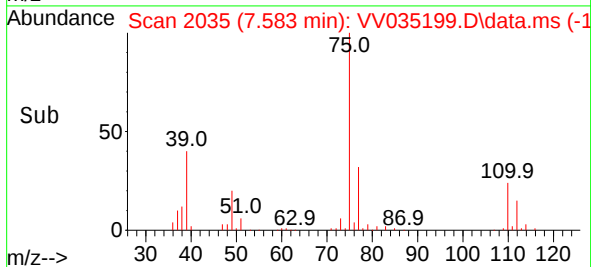
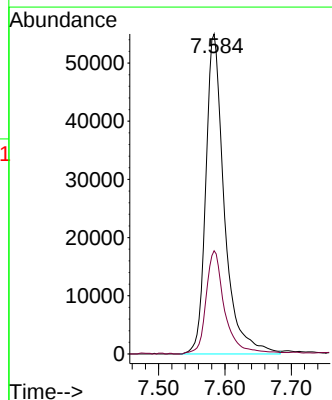
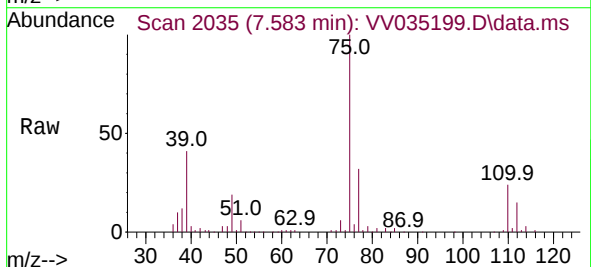
Acq: 15 Apr 2024 14:17

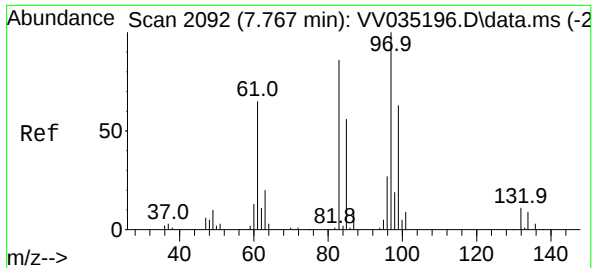
Tgt Ion: 75 Resp: 106864

Ion Ratio Lower Upper

75 100

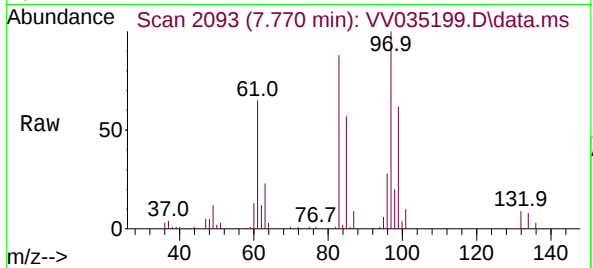
77 32.3 22.3 41.3



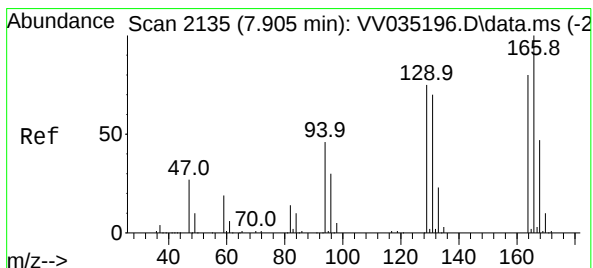
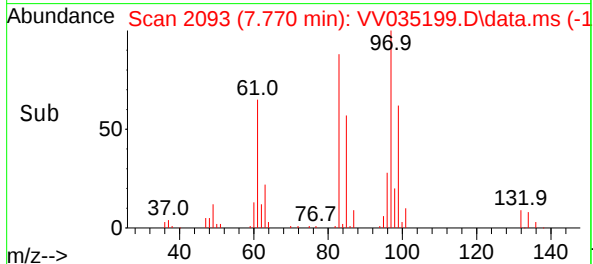
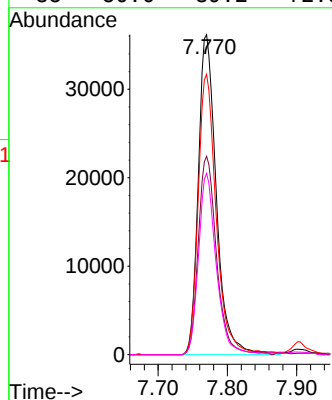


#45
1,1,2-Trichloroethane
Concen: 5.024 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

Instrument :
MSVOA_V
ClientSampleId :

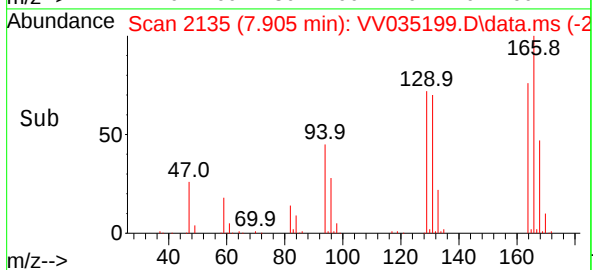
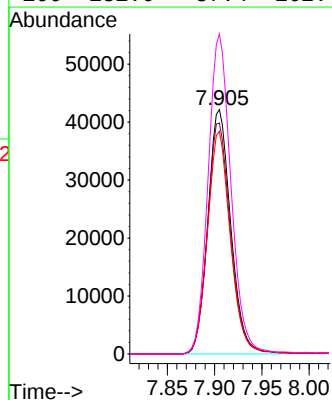
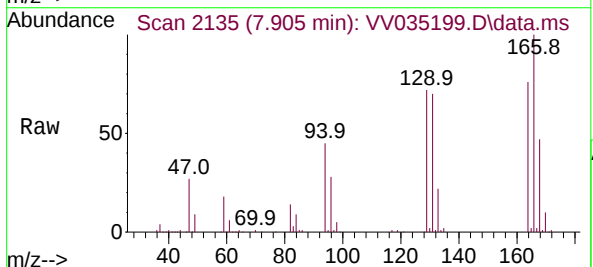


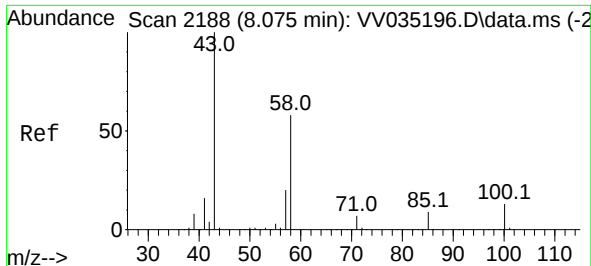
Tgt Ion:	97	Resp:	65586
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.2	82.2
83	87.6	60.2	111.8
85	56.6	39.2	72.8



#47
Tetrachloroethene
Concen: 4.799 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

Tgt Ion:	164	Resp:	71239
Ion	Ratio	Lower	Upper
164	100		
129	94.5	65.3	121.3
131	91.1	60.9	113.1
166	131.0	87.4	162.4





#48

2-Hexanone

Concen: 53.450 ug/L

RT: 8.075 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 391924

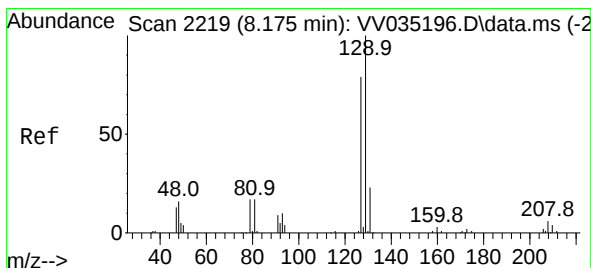
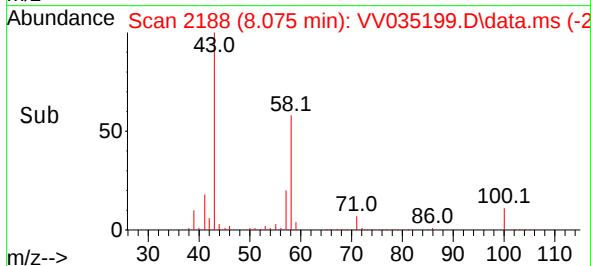
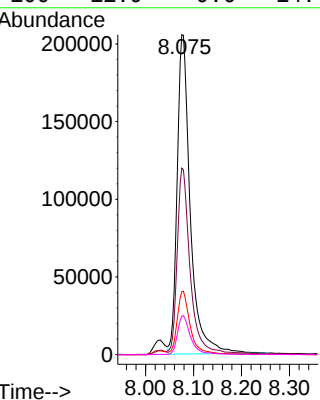
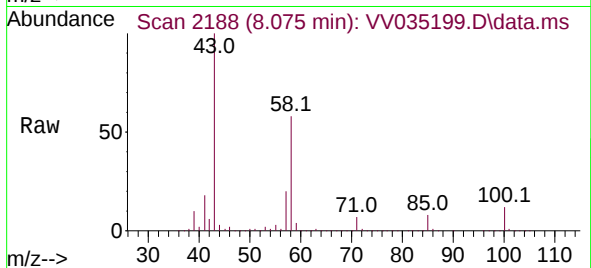
Ion Ratio Lower Upper

43 100

58 57.8 45.2 67.8

57 18.9 15.5 23.3

100 11.9 9.6 14.4



#49

Dibromochloromethane

Concen: 4.899 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV035199.D

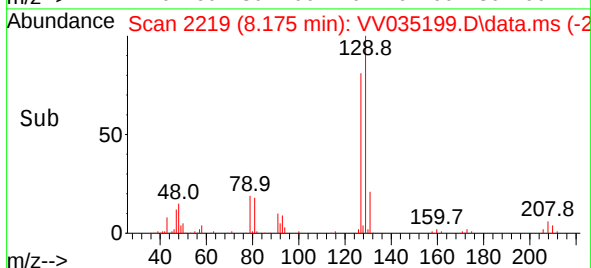
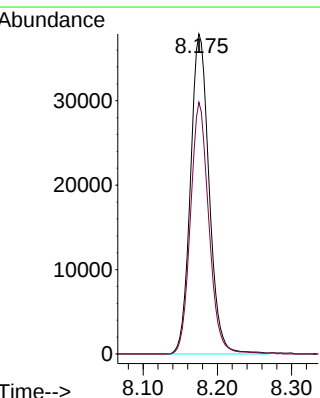
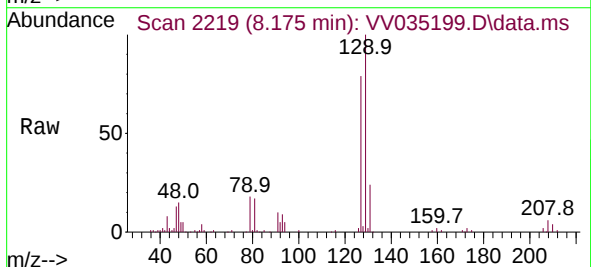
Acq: 15 Apr 2024 14:17

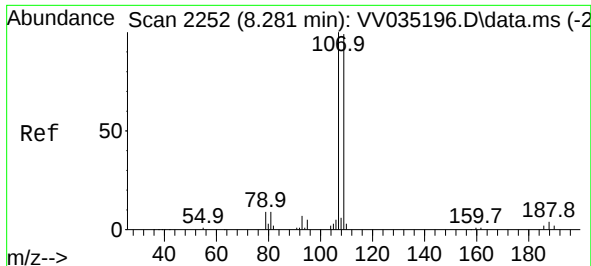
Tgt Ion:129 Resp: 66064

Ion Ratio Lower Upper

129 100

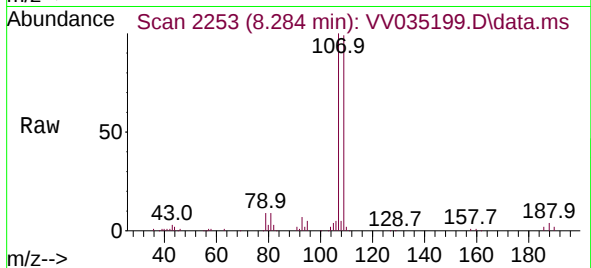
127 78.6 55.2 102.6



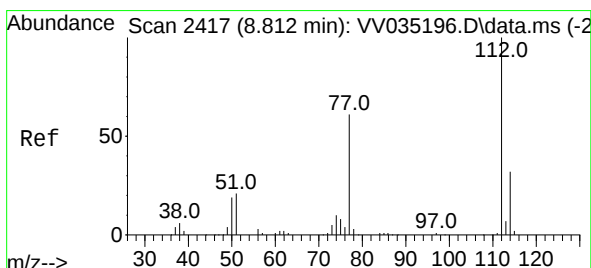
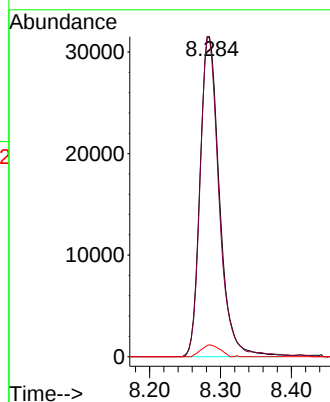
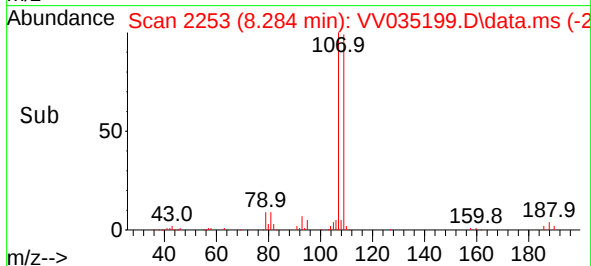


#50
1,2-Dibromoethane
Concen: 4.903 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

Instrument :
MSVOA_V
ClientSampleId :

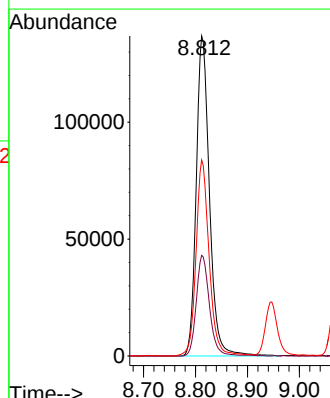
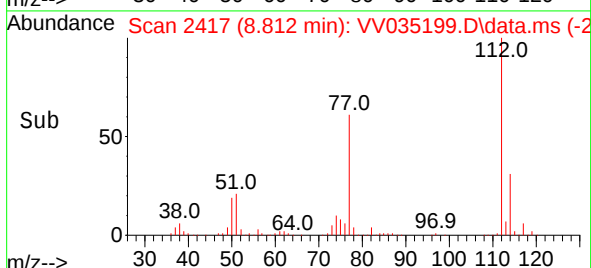
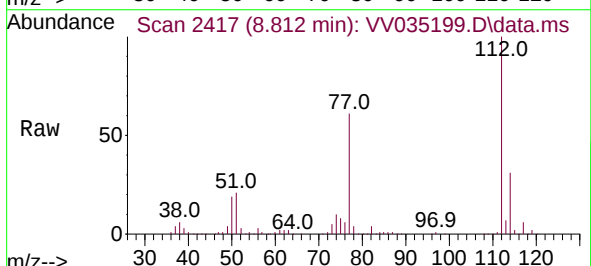


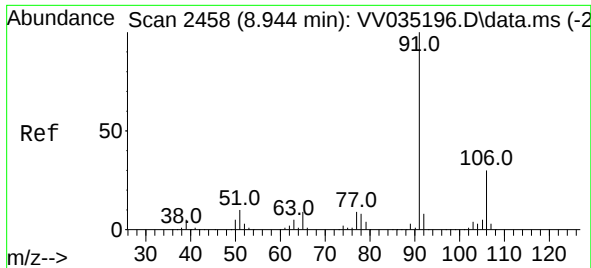
Tgt Ion:107 Resp: 60102
Ion Ratio Lower Upper
107 100
109 99.4 69.1 128.3
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 5.071 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

Tgt Ion:112 Resp: 242131
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 61.2 49.0 73.6

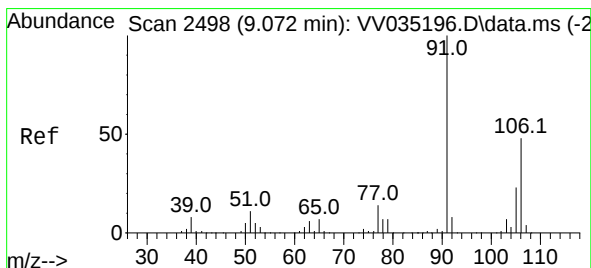
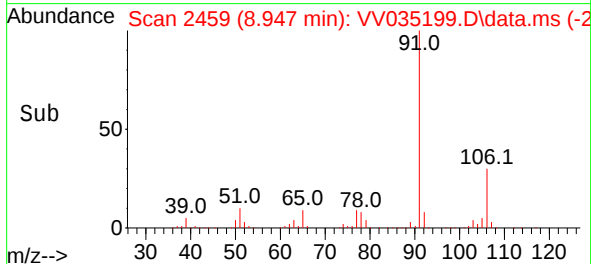
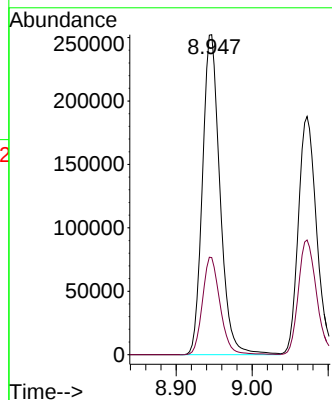
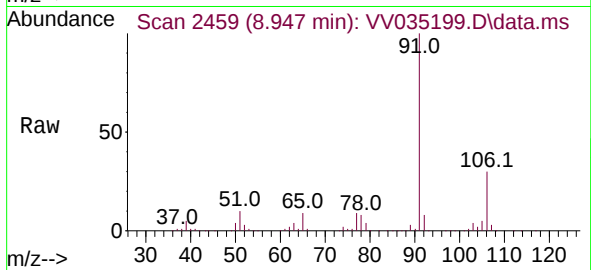




#52
Ethylbenzene
Concen: 5.122 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

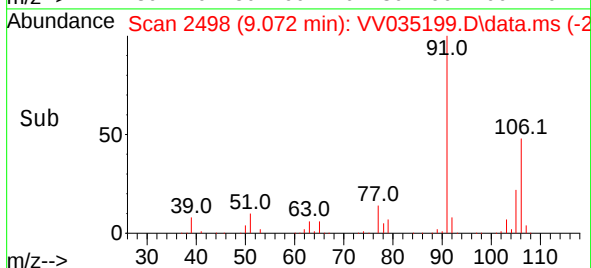
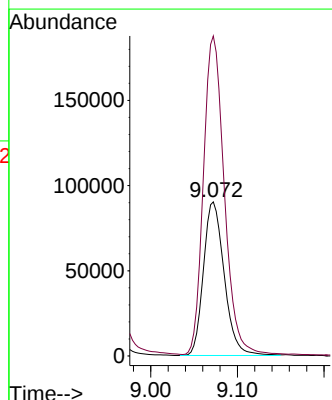
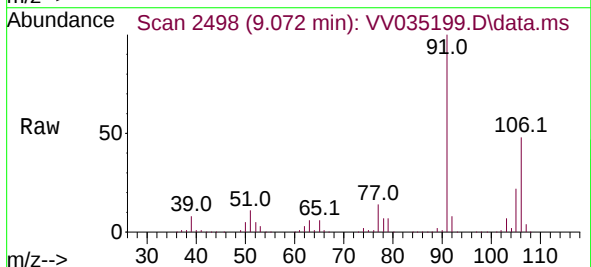
Instrument :
MSVOA_V
ClientSampleId :

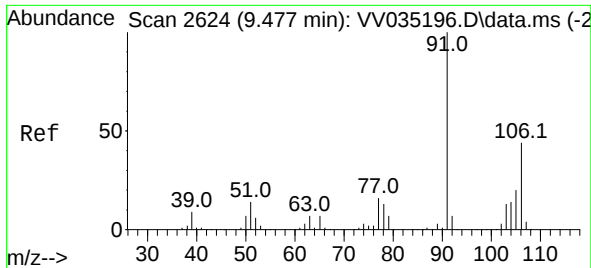
Tgt Ion: 91 Resp: 404888
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 5.162 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

Tgt Ion:106 Resp: 150344
Ion Ratio Lower Upper
106 100
91 207.6 147.1 273.3

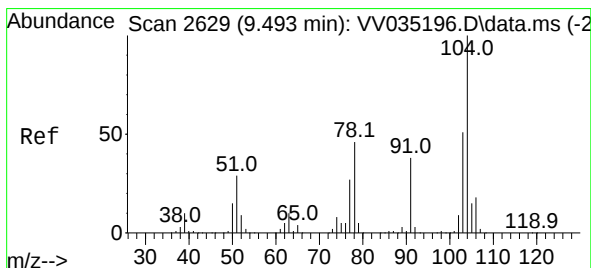
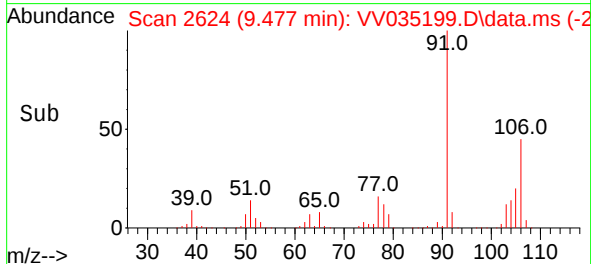
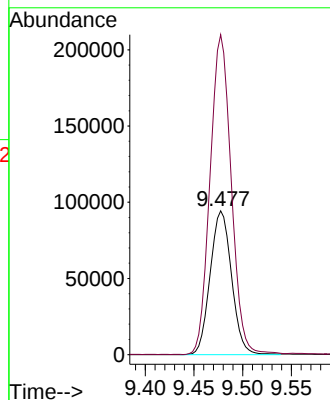
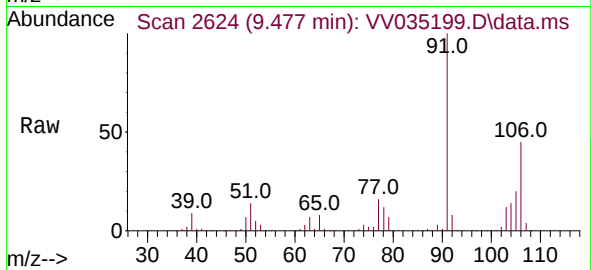




#54
o-Xylene
Concen: 5.126 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

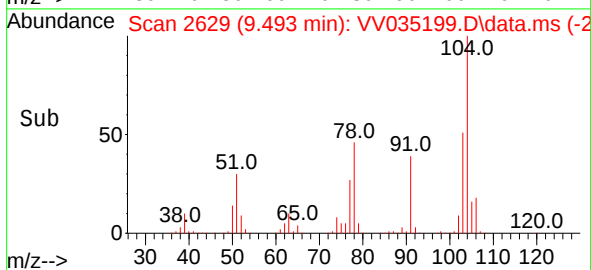
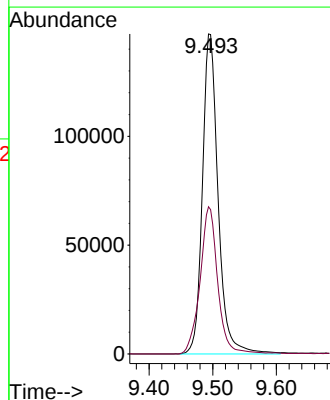
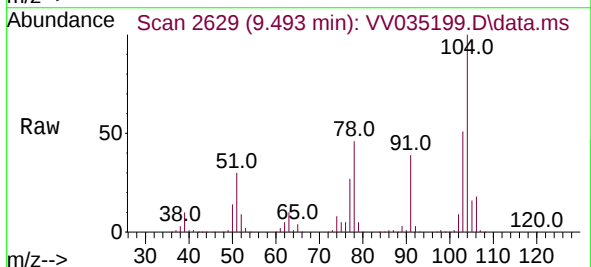
Instrument :
MSVOA_V
ClientSampleId :

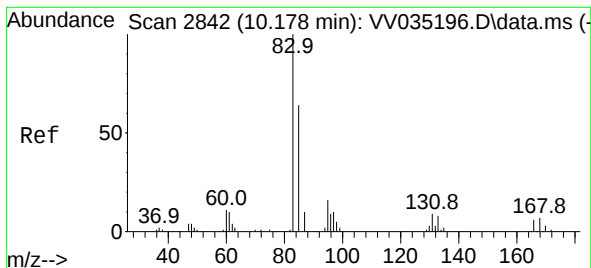
Tgt Ion:106 Resp: 144084
Ion Ratio Lower Upper
106 100
91 222.5 157.7 292.9



#55
Styrene
Concen: 5.328 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

Tgt Ion:104 Resp: 252006
Ion Ratio Lower Upper
104 100
78 46.0 32.4 60.2

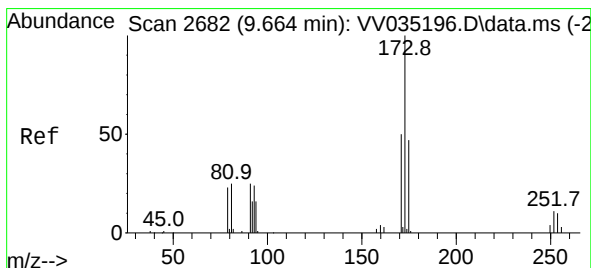
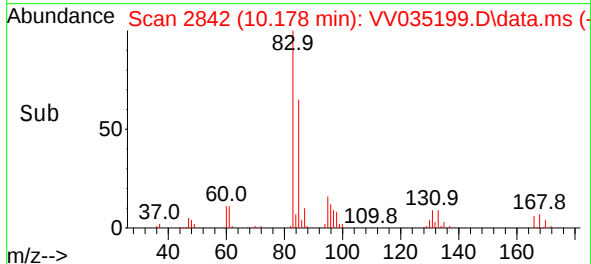
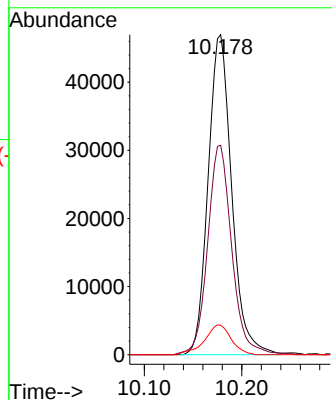
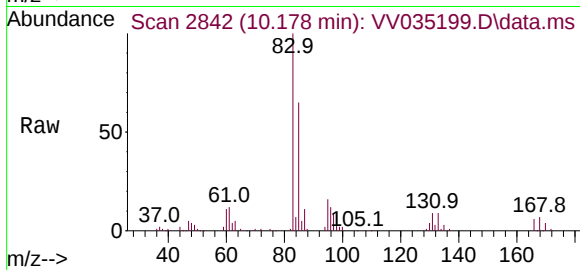




#57
1,1,2,2-Tetrachloroethane
Concen: 4.932 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

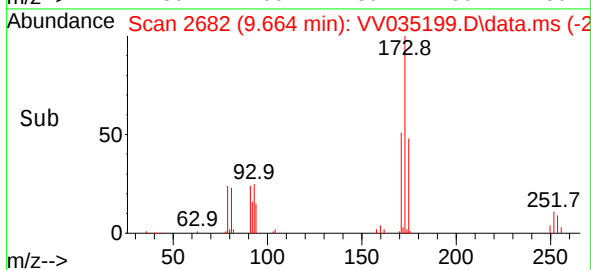
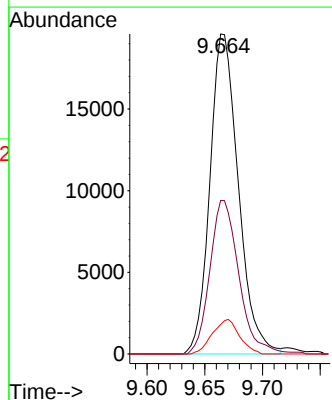
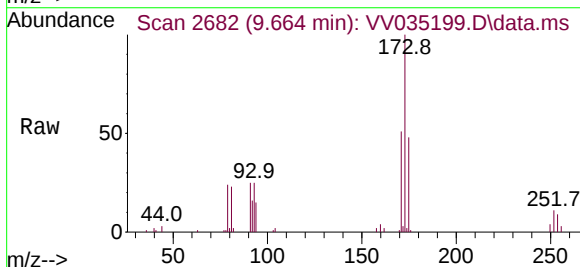
Instrument :
MSVOA_V
ClientSampleId :

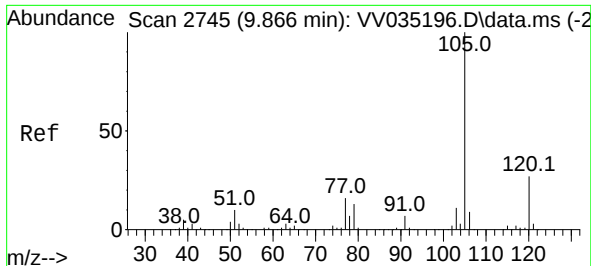
Tgt Ion: 83 Resp: 78908
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.5
131 9.2 7.8 11.6



#59
Bromoform
Concen: 4.794 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

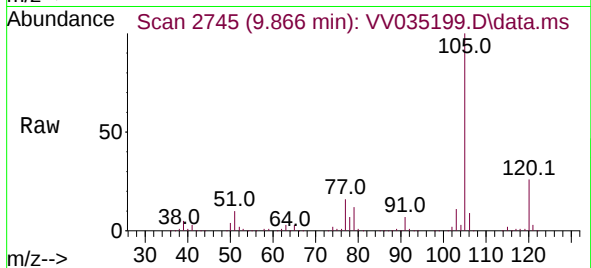
Tgt Ion: 173 Resp: 33522
Ion Ratio Lower Upper
173 100
175 49.0 38.6 57.8
254 10.2 8.2 12.2



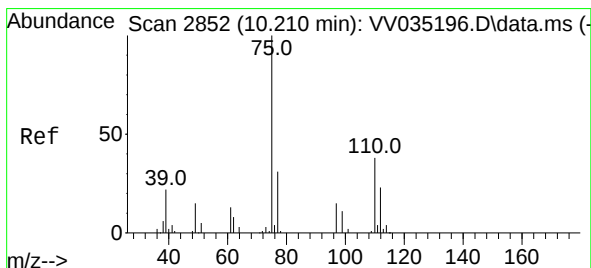
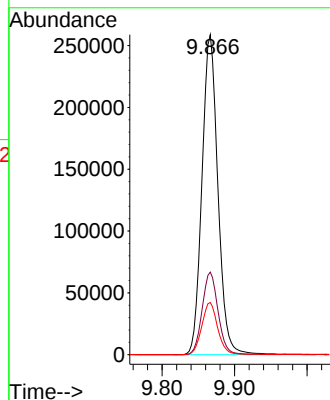
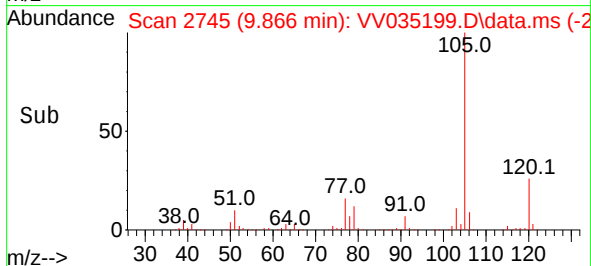


#60
Isopropylbenzene
Concen: 5.236 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

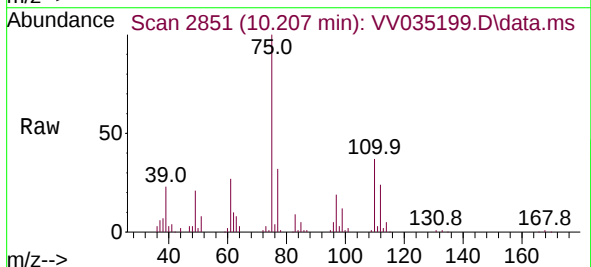
Instrument :
MSVOA_V
ClientSampleId :



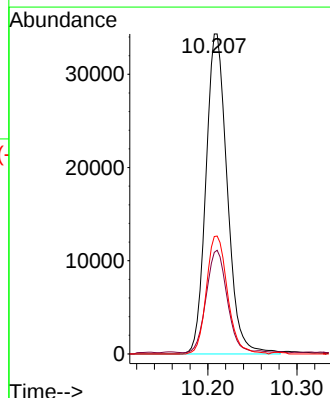
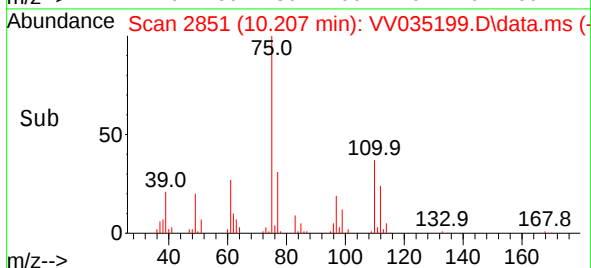
Tgt Ion:105 Resp: 394831
Ion Ratio Lower Upper
105 100
120 25.8 21.1 31.7
77 16.3 13.1 19.7

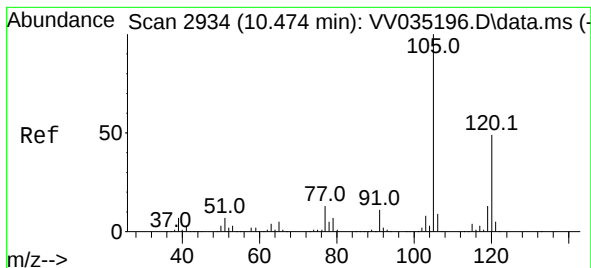


#61
1,2,3-Trichloropropane
Concen: 4.838 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17



Tgt Ion: 75 Resp: 57021
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
110 36.5 29.6 44.4

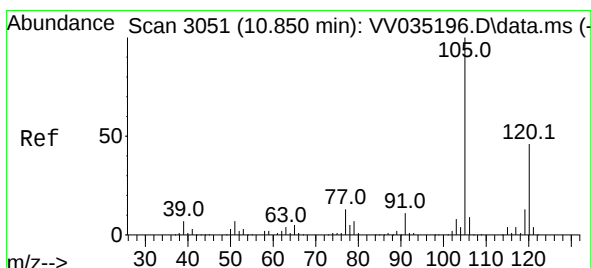
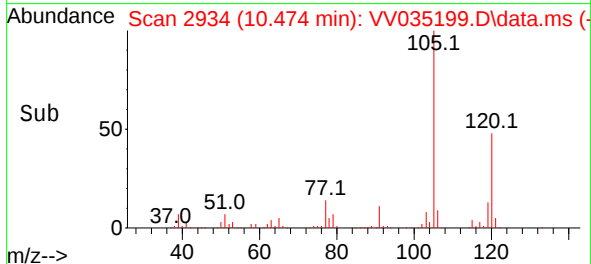
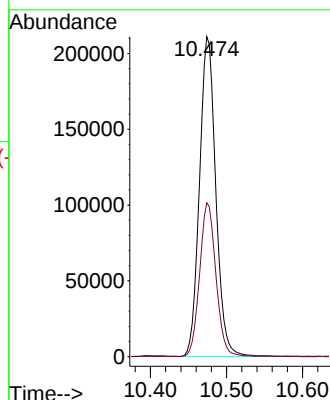
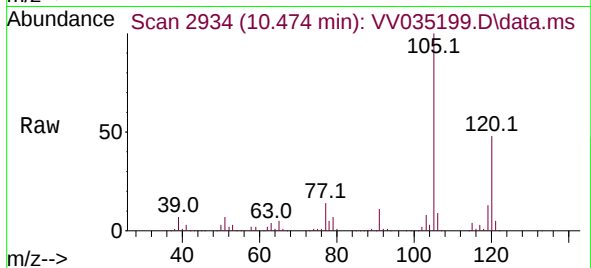




#62
1,3,5-Trimethylbenzene
Concen: 5.161 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

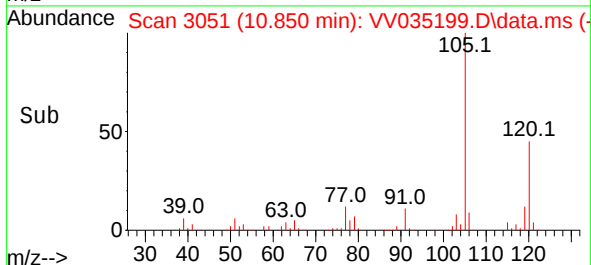
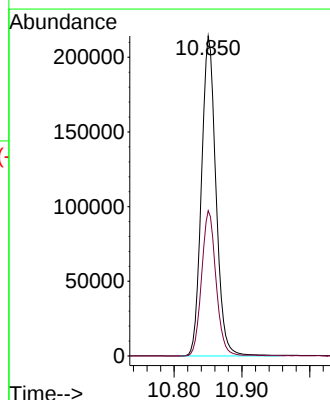
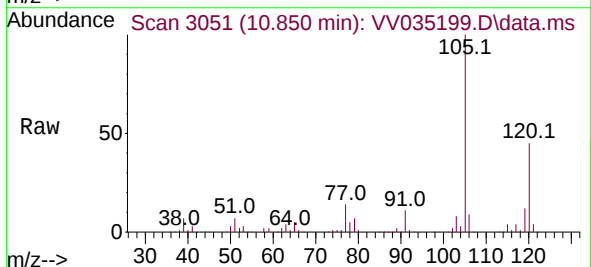
Instrument :
MSVOA_V
ClientSampleId :

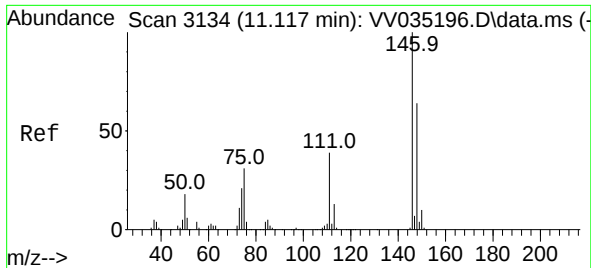
Tgt Ion:105 Resp: 314257
Ion Ratio Lower Upper
105 100
120 48.0 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 5.281 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV035199.D
Acq: 15 Apr 2024 14:17

Tgt Ion:105 Resp: 317742
Ion Ratio Lower Upper
105 100
120 45.2 36.0 54.0

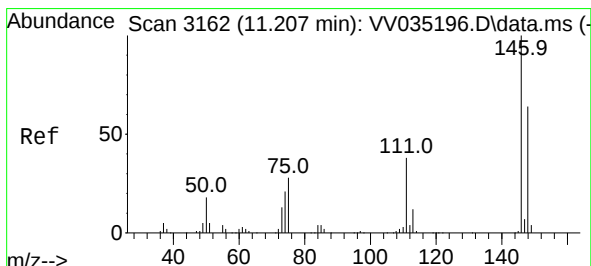
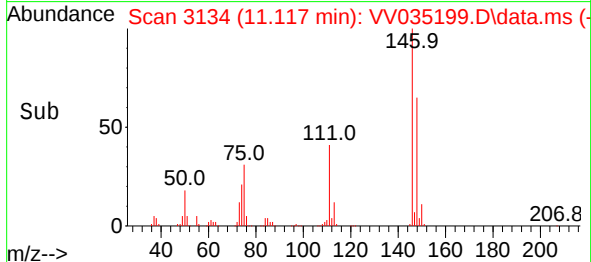
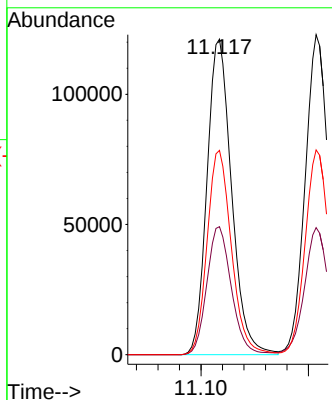
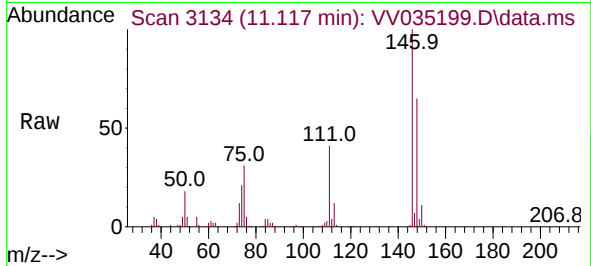




#64
 1,3-Dichlorobenzene
 Concen: 5.072 ug/L
 RT: 11.117 min Scan# 3134
 Delta R.T. -0.000 min
 Lab File: VV035199.D
 Acq: 15 Apr 2024 14:17

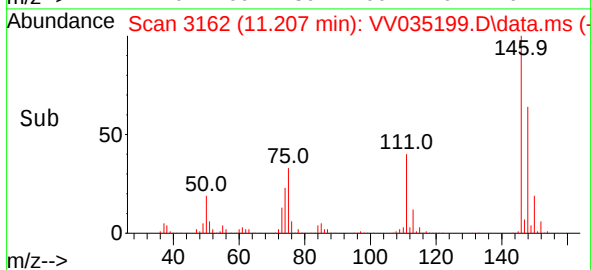
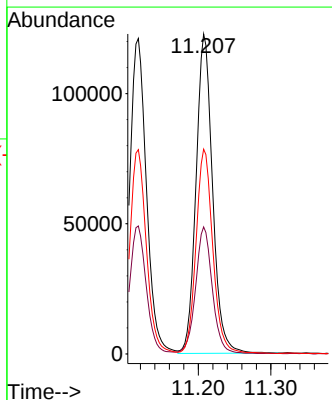
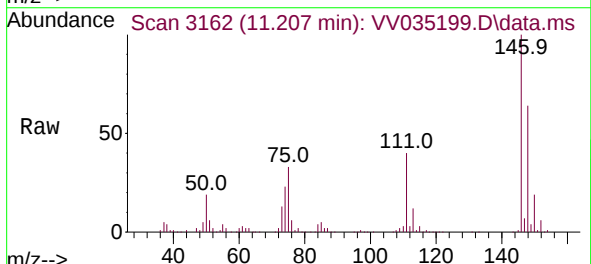
Instrument :
 MSVOA_V
 ClientSampleId :

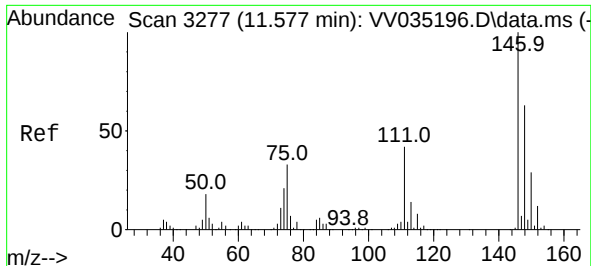
Tgt Ion:146 Resp: 192459
 Ion Ratio Lower Upper
 146 100
 111 40.6 27.6 51.2
 148 64.8 44.7 83.1



#65
 1,4-Dichlorobenzene
 Concen: 4.890 ug/L
 RT: 11.207 min Scan# 3162
 Delta R.T. -0.000 min
 Lab File: VV035199.D
 Acq: 15 Apr 2024 14:17

Tgt Ion:146 Resp: 193829
 Ion Ratio Lower Upper
 146 100
 111 39.7 27.1 50.3
 148 64.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.009 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

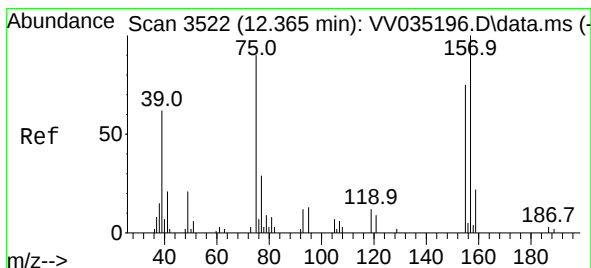
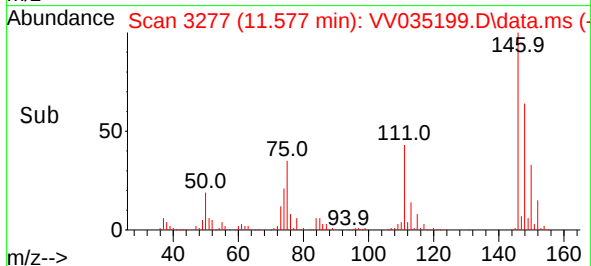
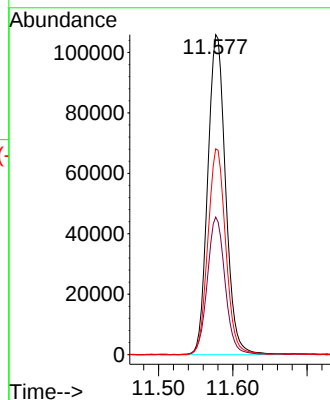
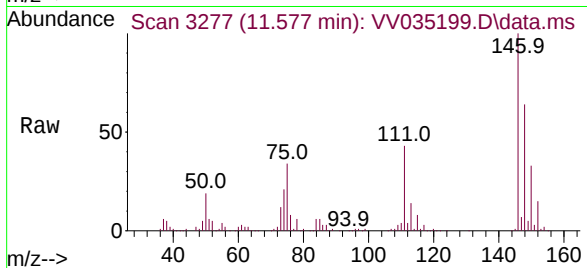
Tgt Ion:146 Resp: 176482

Ion Ratio Lower Upper

146 100

111 43.0 33.7 50.5

148 64.4 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.016 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

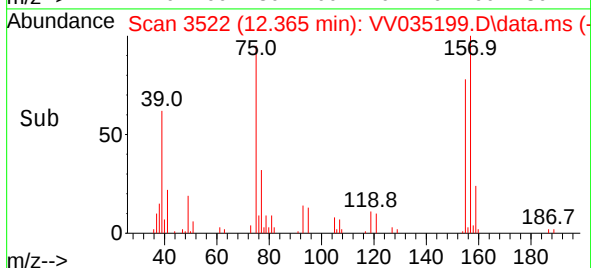
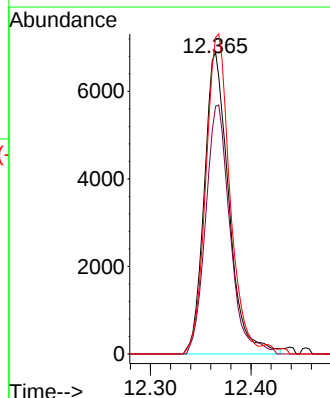
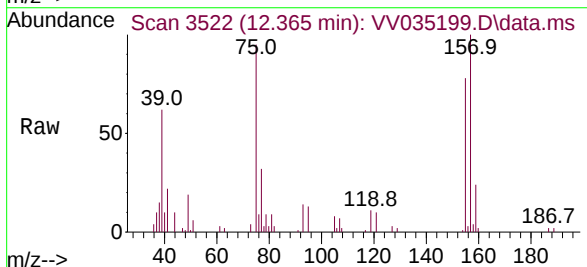
Tgt Ion: 75 Resp: 11669

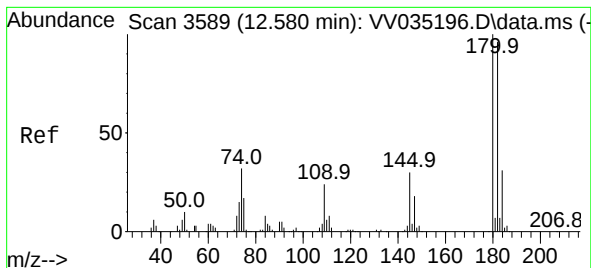
Ion Ratio Lower Upper

75 100

155 82.1 66.8 100.2

157 104.9 88.8 133.2





#69

1,3,5-Trichlorobenzene

Concen: 5.152 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

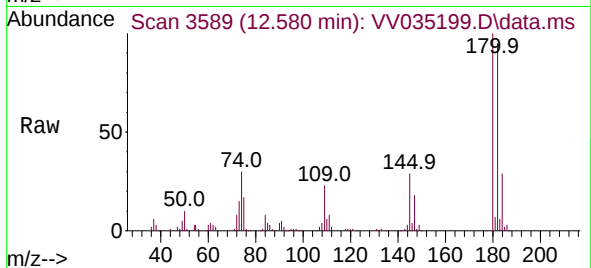
Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 148389

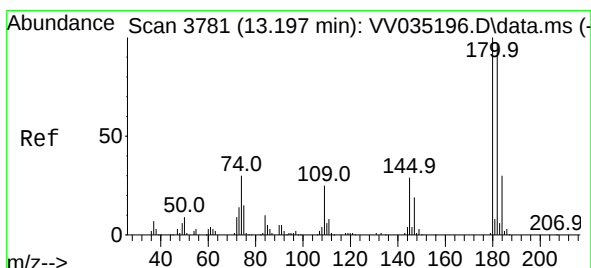
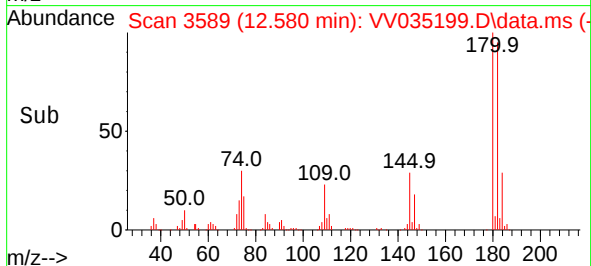
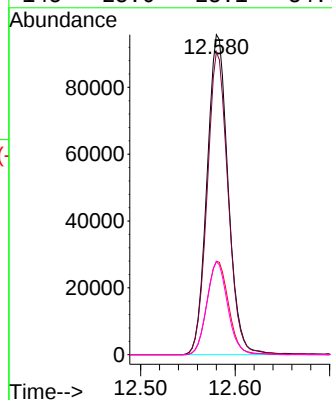
Ion Ratio Lower Upper

180 100

182 94.0 75.4 113.2

184 29.9 24.0 36.0

145 28.6 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.309 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

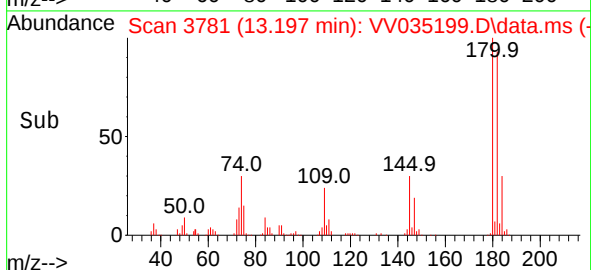
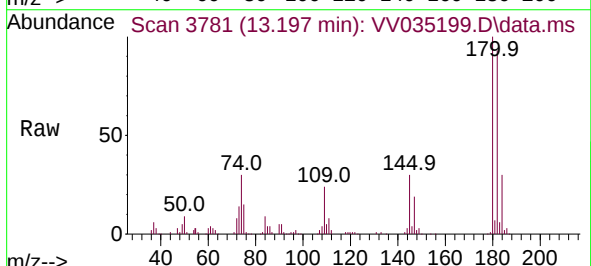
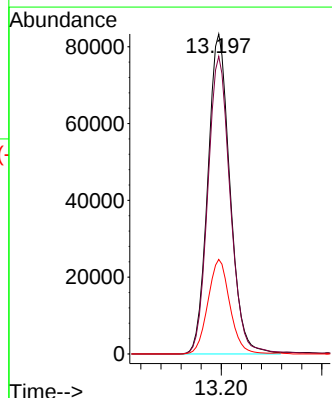
Tgt Ion:180 Resp: 127530

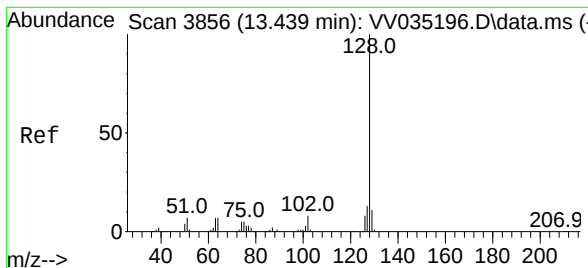
Ion Ratio Lower Upper

180 100

182 94.4 76.9 115.3

145 29.3 23.5 35.3





#71

Naphthalene

Concen: 6.530 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

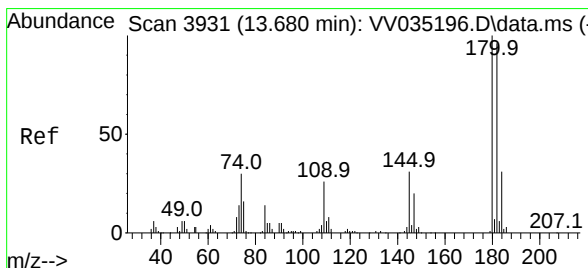
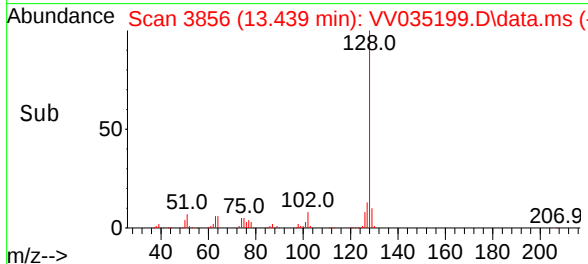
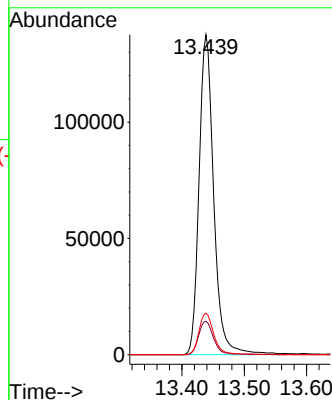
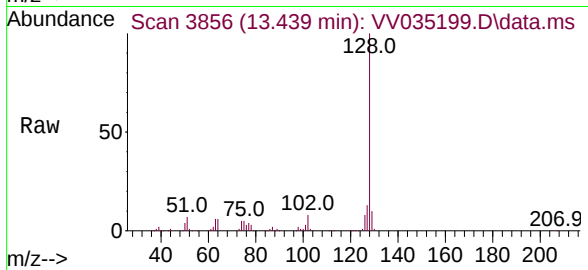
Tgt Ion:128 Resp: 225423

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.0 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.477 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV035199.D

Acq: 15 Apr 2024 14:17

Tgt Ion:180 Resp: 116812

Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

145 32.0 25.3 37.9

