

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041624\
 Data File : VW035252.D
 Acq On : 16 Apr 2024 19:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 02:53:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	189565	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	200725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	101958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80968	4.562	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.532	69	67365	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.060	65	34290	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.818	46	185842	61.900	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.800%
24) Chloroform-d	4.249	84	146237	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	4.944	65	72541	5.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.960	84	278557	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	5.989	67	88736	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.243	98	255730	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	7.555	79	31098	4.913	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.027	63	137436	52.137	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.280%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	68623	5.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	88523	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	96151	5.358	ug/L	100
3) Chloromethane	1.214	50	109741	5.243	ug/L	97
5) Vinyl chloride	1.282	62	112268	5.468	ug/L	100
6) Bromomethane	1.487	94	52973	4.502	ug/L	100
8) Chloroethane	1.548	64	77512	6.132	ug/L	96
9) Trichlorofluoromethane	1.712	101	132608	5.421	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	77164	5.137	ug/L	99
12) 1,1-Dichloroethene	2.069	96	77383	5.377	ug/L	87
13) Acetone	2.143	43	134138	66.302	ug/L	73
14) Carbon disulfide	2.240	76	248847	5.482	ug/L	99
15) Methyl Acetate	2.388	43	31801	5.967	ug/L	95
16) Methylene chloride	2.446	84	103629	5.718	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	178550	5.497	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	78879	5.364	ug/L	97
19) 1,1-Dichloroethane	3.111	63	163517	5.529	ug/L	100
21) 2-Butanone	3.896	43	190735	57.599	ug/L #	67
22) cis-1,2-Dichloroethene	3.815	96	85350	5.645	ug/L	93
23) Bromochloromethane	4.150	128	37120	5.429	ug/L	91
25) Chloroform	4.275	83	158069	5.497	ug/L	99

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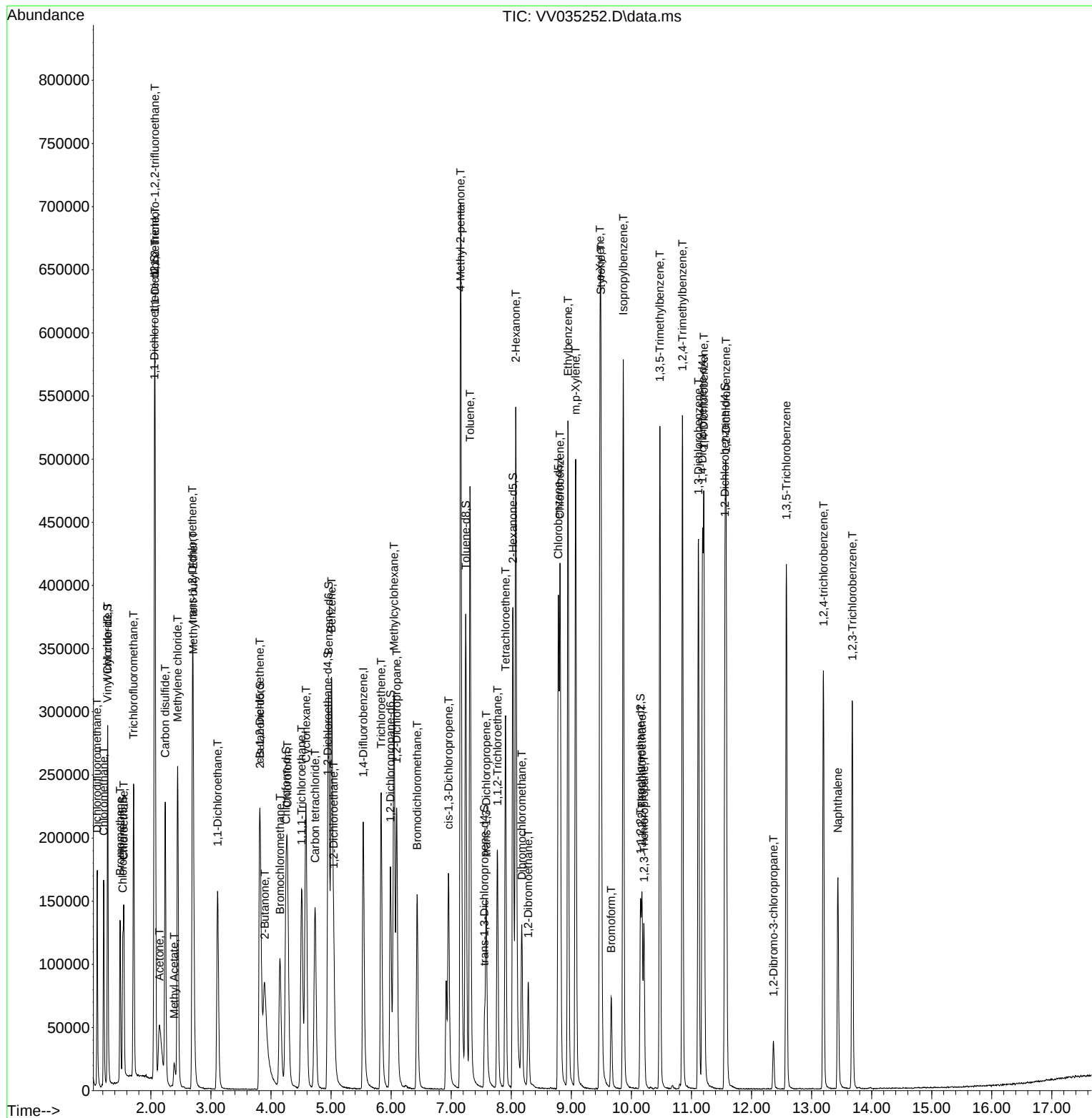
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	98791	5.858	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	130441	5.164	ug/L	99
30) Cyclohexane	4.584	56	120662	5.014	ug/L	99
31) Carbon tetrachloride	4.735	117	110600	5.131	ug/L	99
33) Benzene	5.008	78	335067	5.310	ug/L	100
34) Trichloroethene	5.834	95	85631	5.159	ug/L	98
35) Methylcyclohexane	6.050	83	123182	4.927	ug/L	99
37) 1,2-Dichloropropane	6.092	63	92307	5.532	ug/L	100
38) Bromodichloromethane	6.433	83	106126	5.224	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	111671	5.035	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	477759	54.347	ug/L	99
42) Toluene	7.314	91	353167	5.397	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	92008	5.131	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	61313	5.296	ug/L	98
47) Tetrachloroethene	7.905	164	65978	5.011	ug/L	97
48) 2-Hexanone	8.076	43	357707	55.004	ug/L	99
49) Dibromochloromethane	8.175	129	62431	5.220	ug/L	99
50) 1,2-Dibromoethane	8.285	107	58026	5.337	ug/L	94
51) Chlorobenzene	8.812	112	224638	5.304	ug/L	98
52) Ethylbenzene	8.944	91	367484	5.241	ug/L	100
53) m,p-Xylene	9.072	106	136939	5.301	ug/L	97
54) o-Xylene	9.477	106	132242	5.304	ug/L	96
55) Styrene	9.493	104	234513	5.591	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	72975	5.143	ug/L	98
59) Bromoform	9.664	173	32272	5.314	ug/L	99
60) Isopropylbenzene	9.866	105	359253	5.485	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	52042	5.084	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	271115	5.126	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	275554	5.273	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	172287	5.227	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	172894	5.022	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	158236	5.170	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	10969	5.428	ug/L	84
69) 1,3,5-Trichlorobenzene	12.580	180	126052	5.038	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	101013	4.841	ug/L	99
71) Naphthalene	13.439	128	136415	4.549	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	91749	4.953	ug/L	98

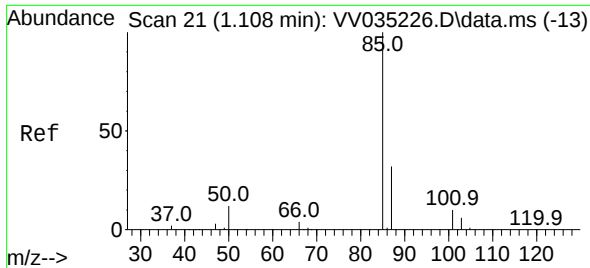
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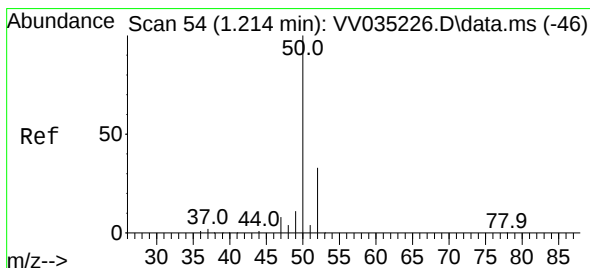
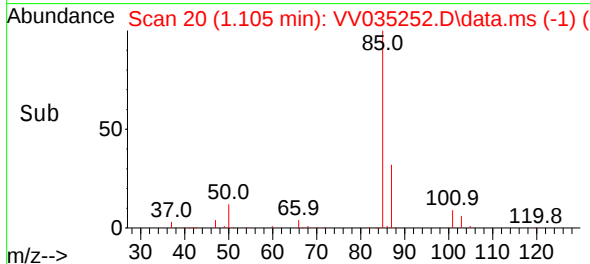
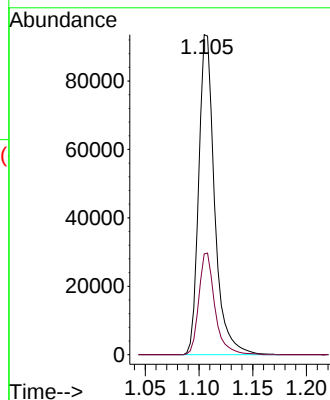
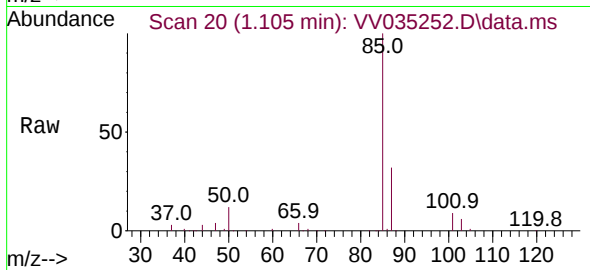




#2
 Dichlorodifluoromethane
 Concen: 5.358 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV035252.D
 Acq: 16 Apr 2024 19:57

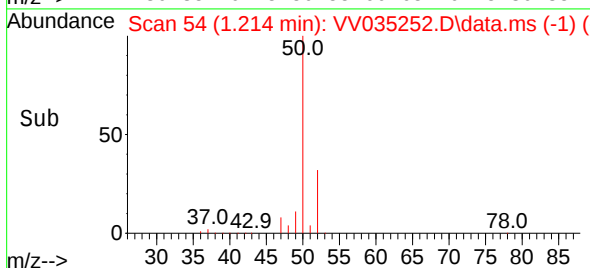
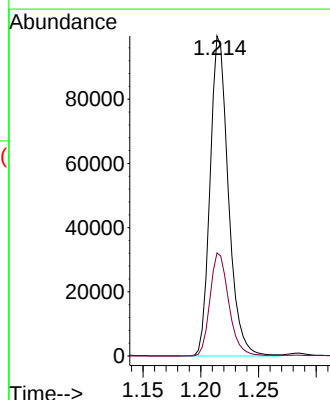
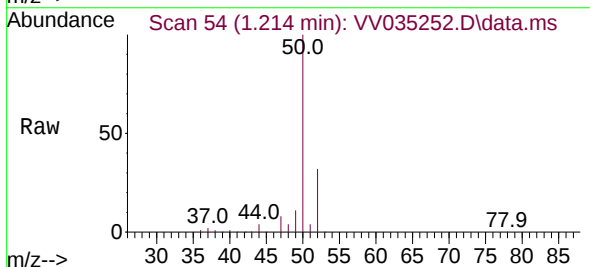
Instrument :
 MSVOA_V
 ClientSampleId :

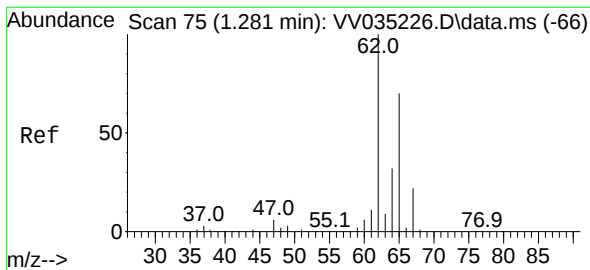
Tgt Ion: 85 Resp: 96151
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 5.243 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035252.D
 Acq: 16 Apr 2024 19:57

Tgt Ion: 50 Resp: 109741
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.7 43.9





#5

Vinyl chloride

Concen: 5.468 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

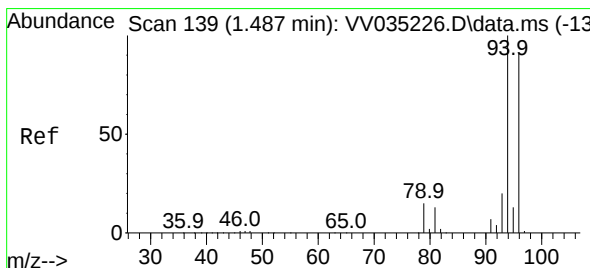
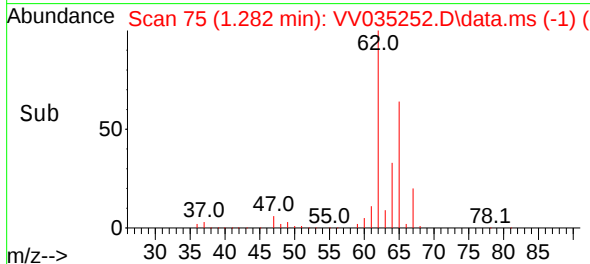
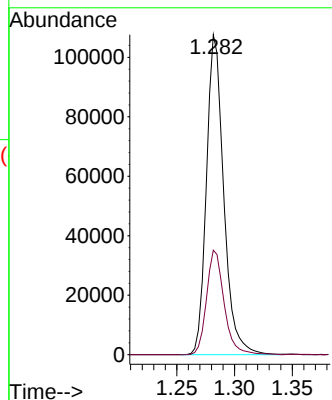
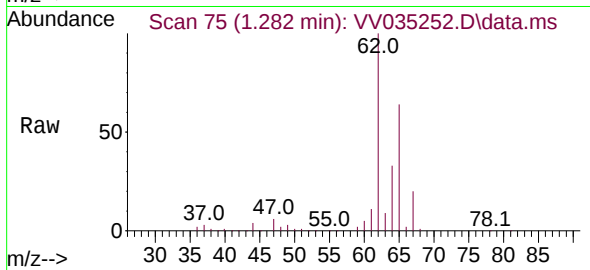
ClientSampleId :

Tgt Ion: 62 Resp: 112268

Ion Ratio Lower Upper

62 100

64 32.6 22.8 42.4



#6

Bromomethane

Concen: 4.502 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035252.D

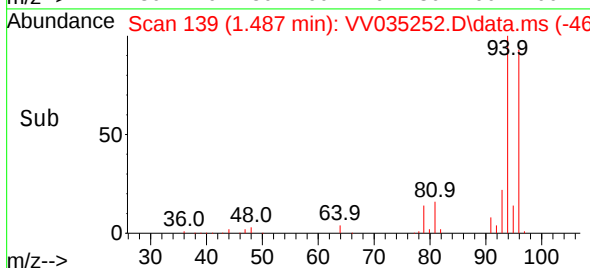
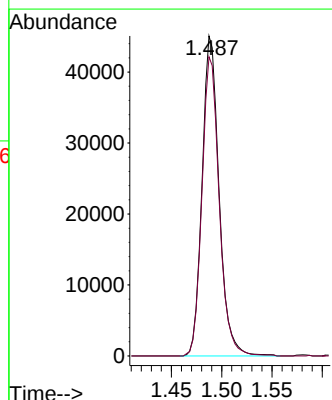
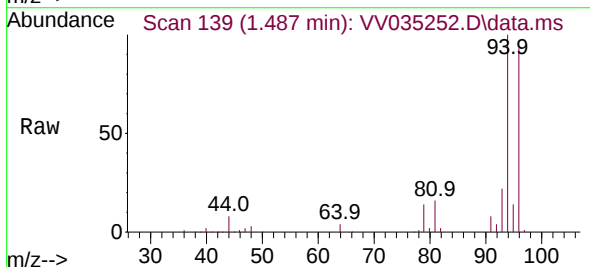
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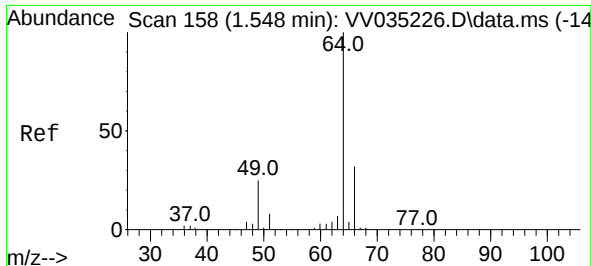
Tgt Ion: 94 Resp: 52973

Ion Ratio Lower Upper

94 100

96 93.5 65.7 122.1

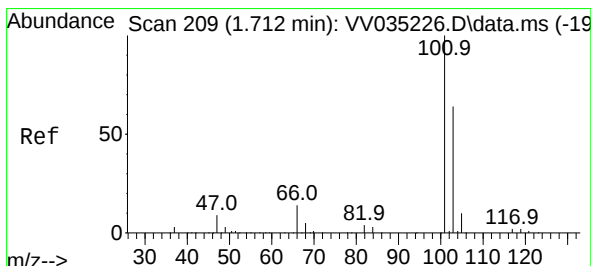
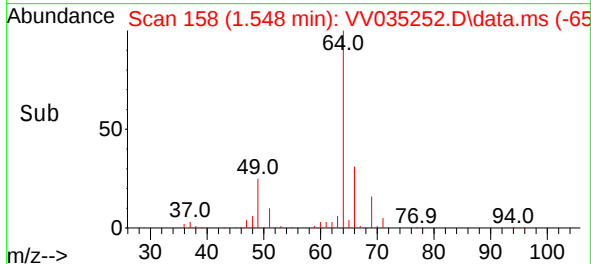
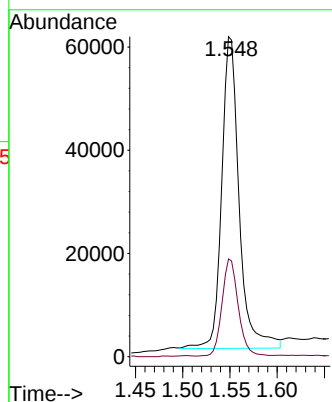
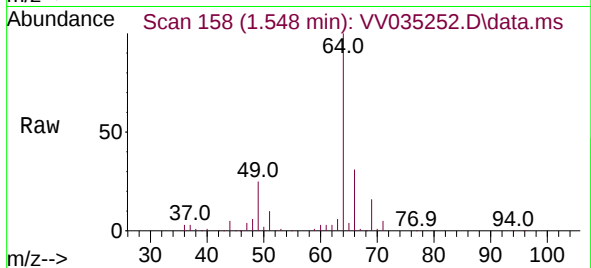




#8
Chloroethane
Concen: 6.132 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

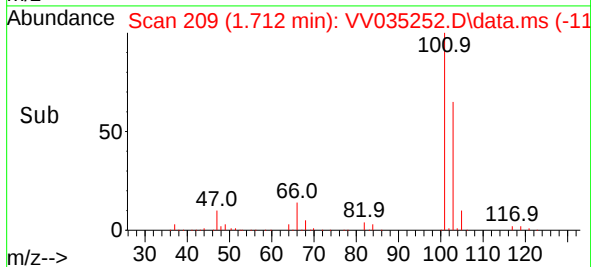
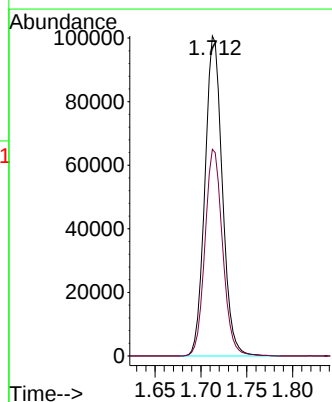
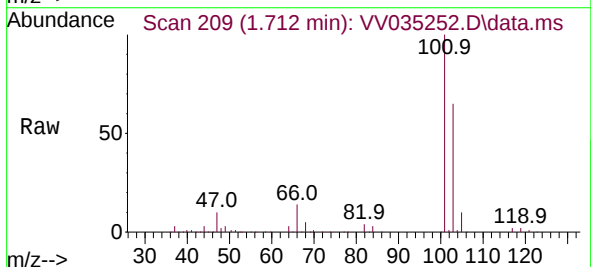
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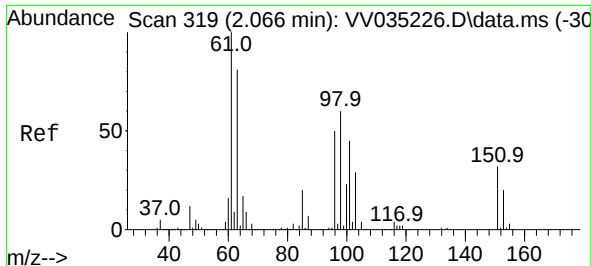
Tgt Ion: 64 Resp: 77512
Ion Ratio Lower Upper
64 100
66 30.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 5.421 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

Tgt Ion:101 Resp: 132608
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.2





#10

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

Concen: 5.137 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV035252.D

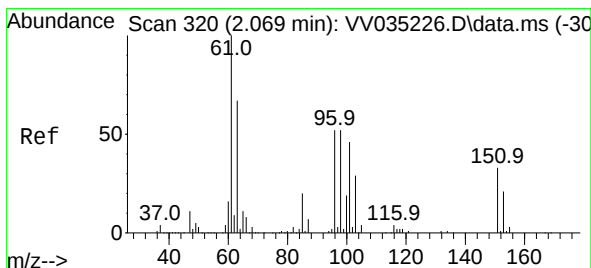
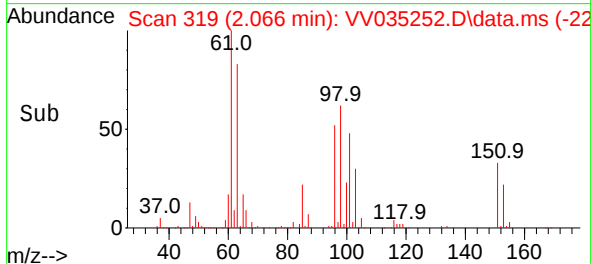
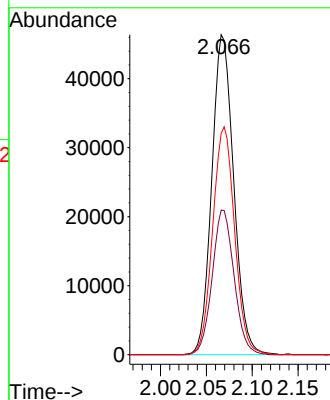
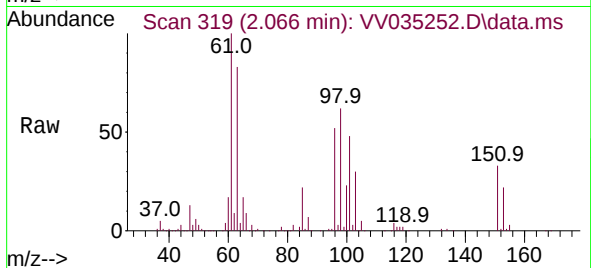
Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	77164
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.8	53.6
151	71.4	56.2	84.2



#12

1,1-Dichloroethene

Concen: 5.377 ug/L

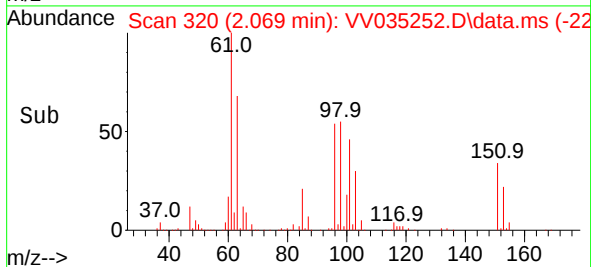
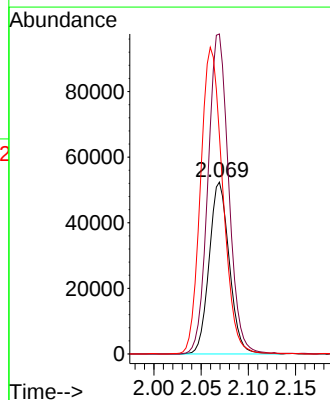
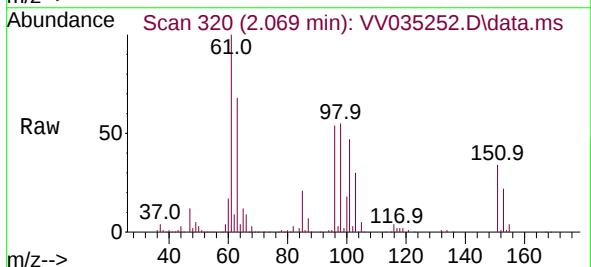
RT: 2.069 min Scan# 320

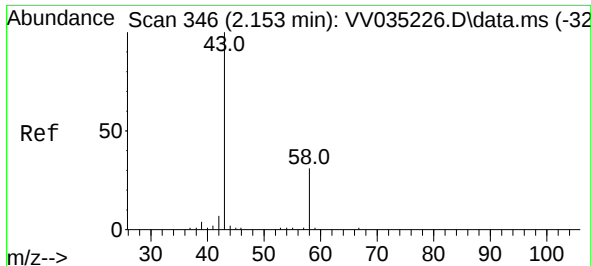
Delta R.T. 0.000 min

Lab File: VV035252.D

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Tgt Ion:	96	Resp:	77383
Ion Ratio	Lower	Upper	
96	100		
61	186.3	133.5	247.9
63	127.4	112.5	208.9





#13

Acetone

Concen: 66.302 ug/L

RT: 2.143 min Scan# 346

Delta R.T. -0.010 min

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MSVOA_V

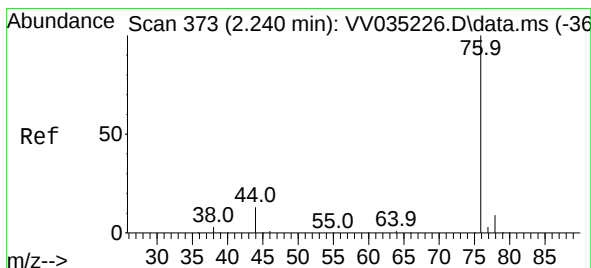
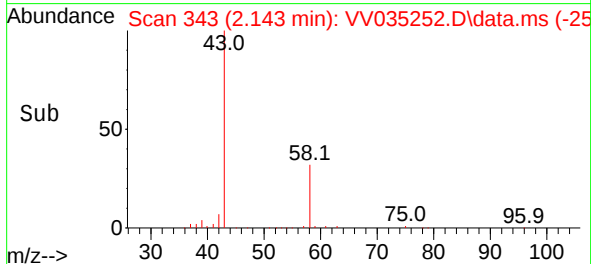
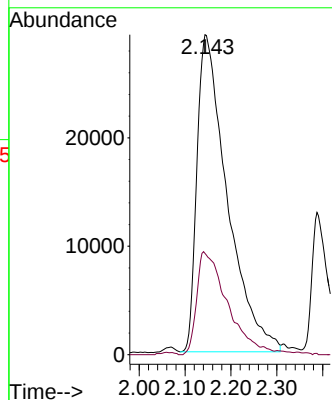
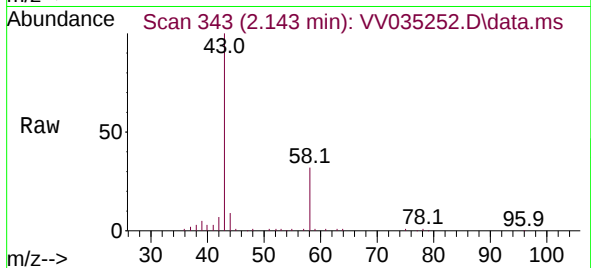
ClientSampleId :

Tgt Ion: 43 Resp: 134138

Ion Ratio Lower Upper

43 100

58 32.1 0.0 39.2



#14

Carbon disulfide

Concen: 5.482 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

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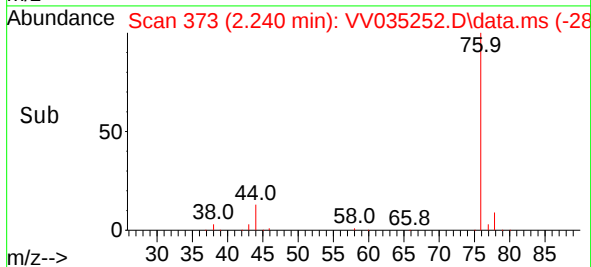
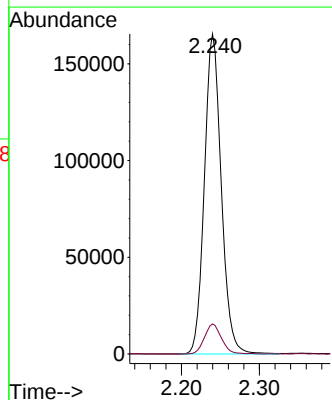
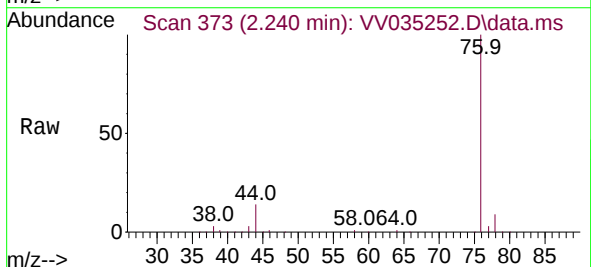
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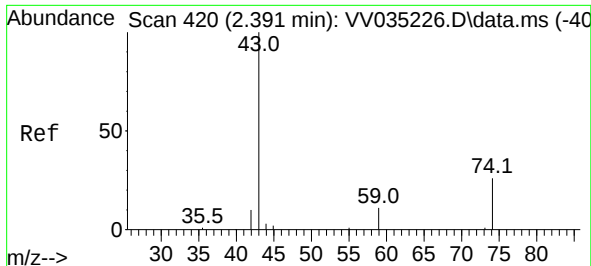
Tgt Ion: 76 Resp: 248847

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8





#15

Methyl Acetate

Concen: 5.967 ug/L

RT: 2.388 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

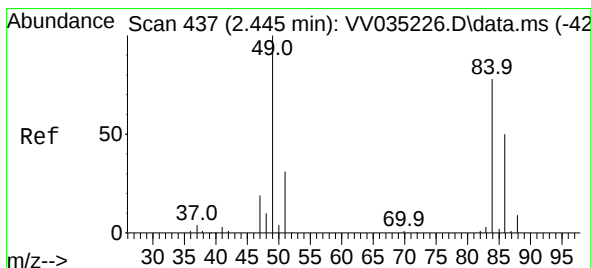
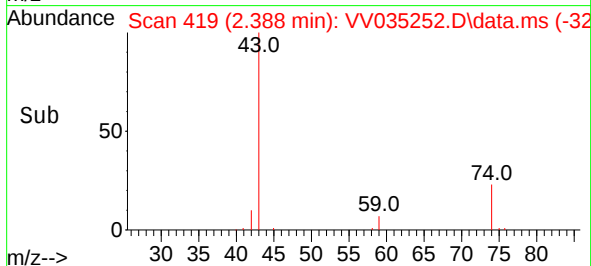
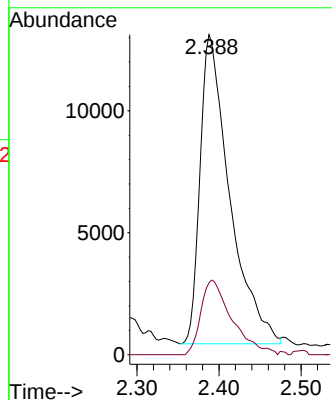
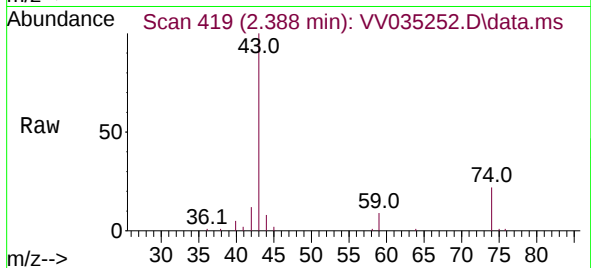
ClientSampleId :

Tgt Ion: 43 Resp: 31801

Ion Ratio Lower Upper

43 100

74 25.3 18.3 27.5



#16

Methylene chloride

Concen: 5.718 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

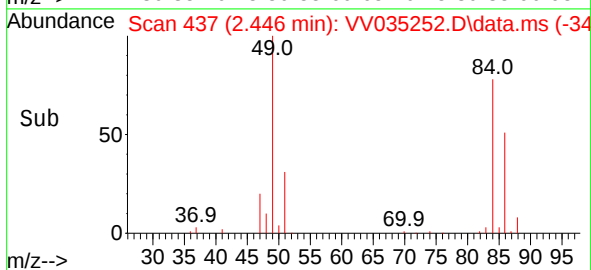
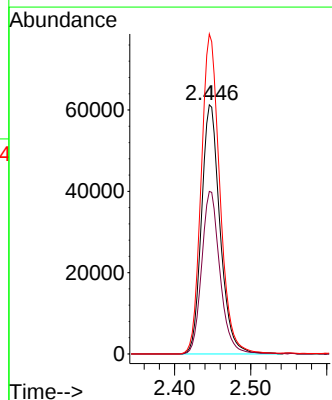
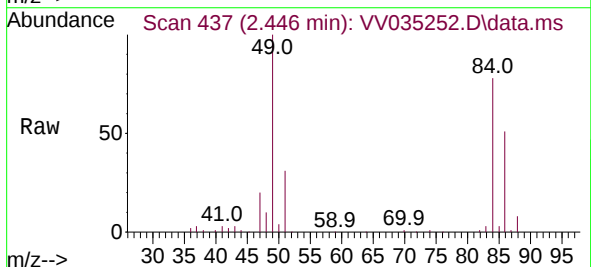
Tgt Ion: 84 Resp: 103629

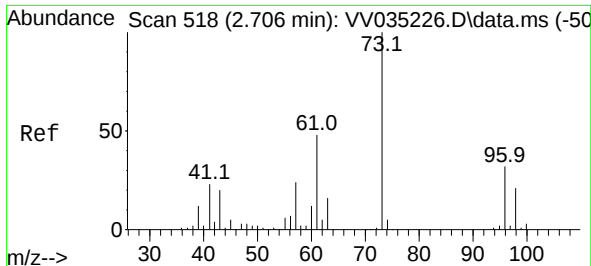
Ion Ratio Lower Upper

84 100

86 65.3 45.6 84.6

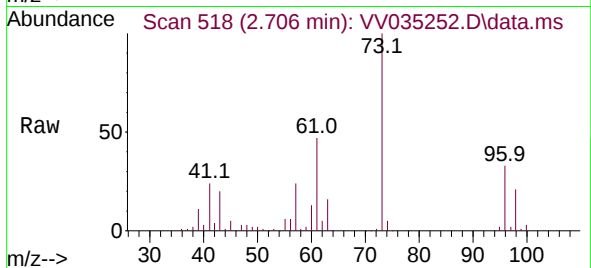
49 128.5 89.5 166.1



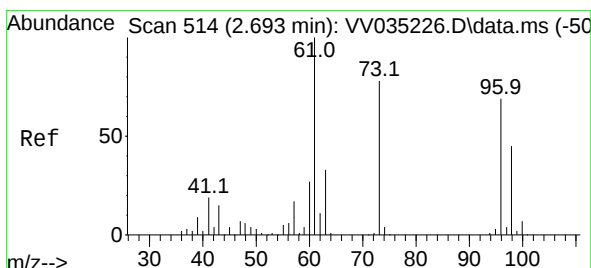
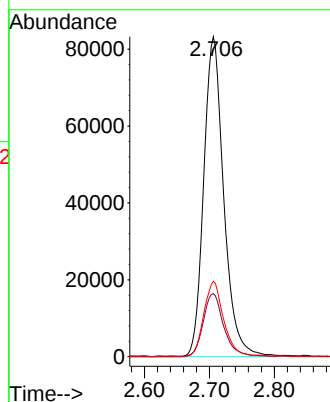
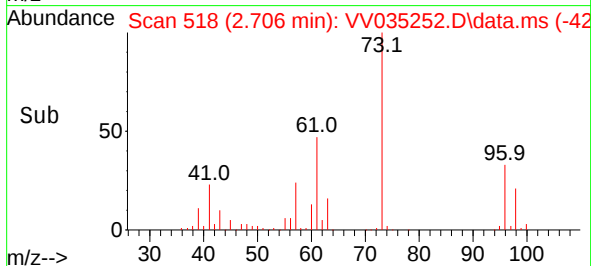


#17
Methyl tert-butyl Ether
Concen: 5.497 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

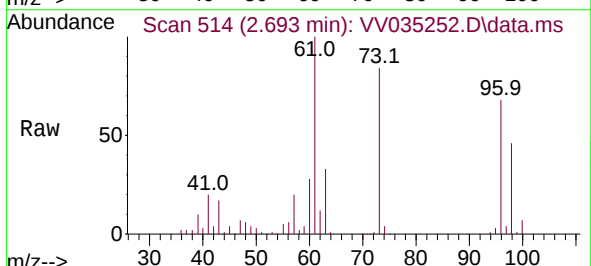
Instrument :
MSVOA_V
ClientSampleId :



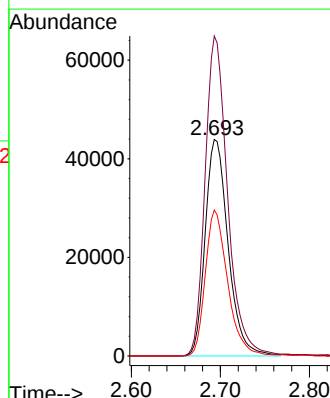
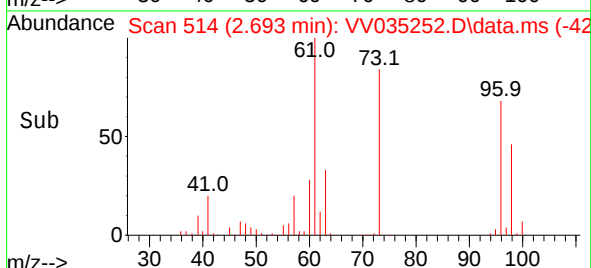
Tgt Ion: 73 Resp: 178550
Ion Ratio Lower Upper
73 100
43 19.5 15.7 23.5
57 23.5 18.1 27.1

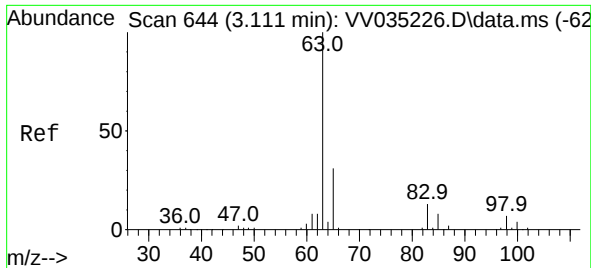


#18
trans-1,2-Dichloroethene
Concen: 5.364 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57



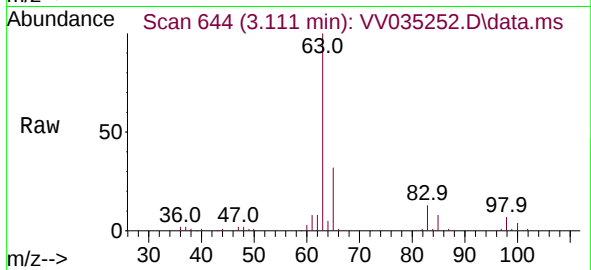
Tgt Ion: 96 Resp: 78879
Ion Ratio Lower Upper
96 100
61 147.8 101.8 189.2
98 67.4 44.7 82.9



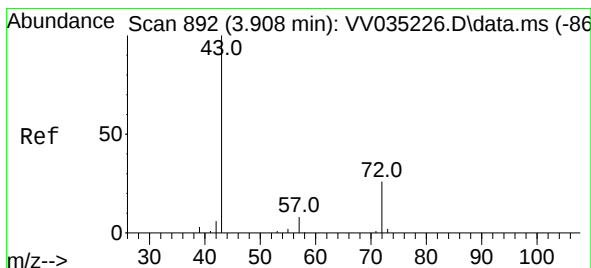
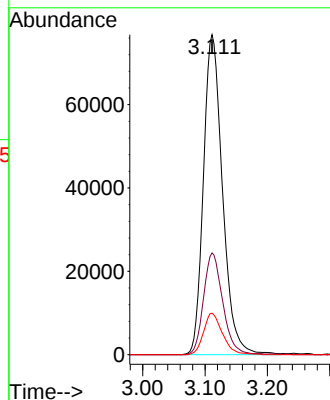
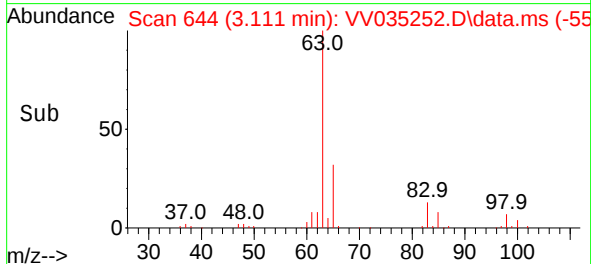


#19
1,1-Dichloroethane
Concen: 5.529 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

Instrument :
MSVOA_V
ClientSampleId :

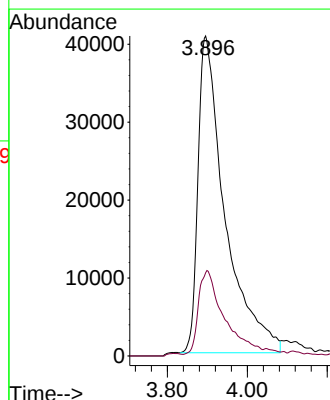
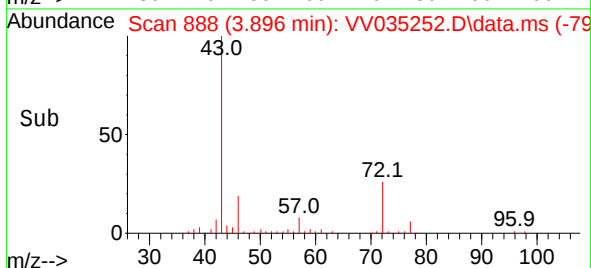
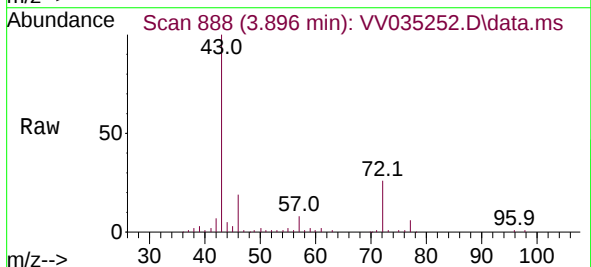


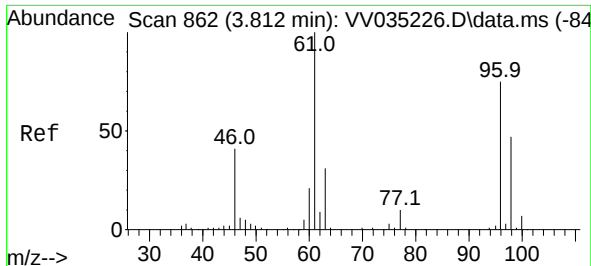
Tgt Ion: 63 Resp: 163517
Ion Ratio Lower Upper
63 100
65 31.8 22.2 41.2
83 13.0 9.4 17.4



#21
2-Butanone
Concen: 57.599 ug/L
RT: 3.896 min Scan# 888
Delta R.T. -0.013 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 43 Resp: 190735
Ion Ratio Lower Upper
43 100
72 25.4 6.3 18.8#





#22

cis-1,2-Dichloroethene

Concen: 5.645 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

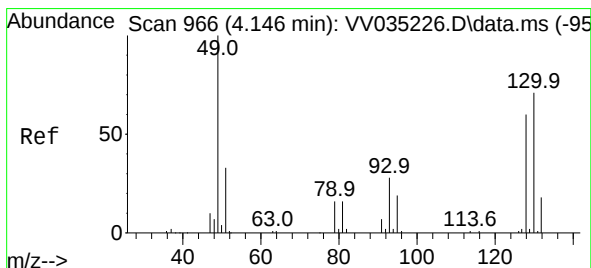
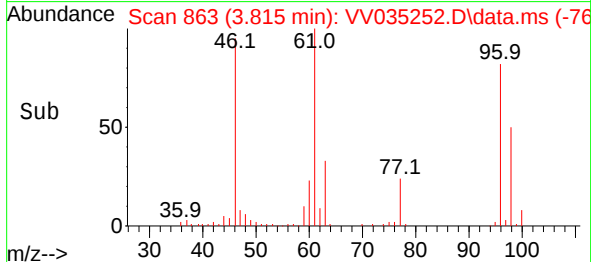
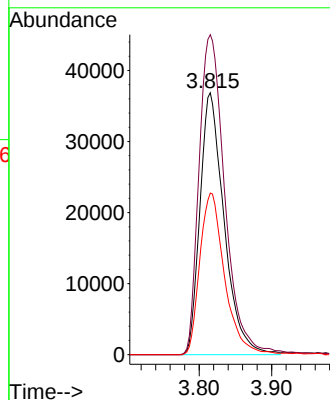
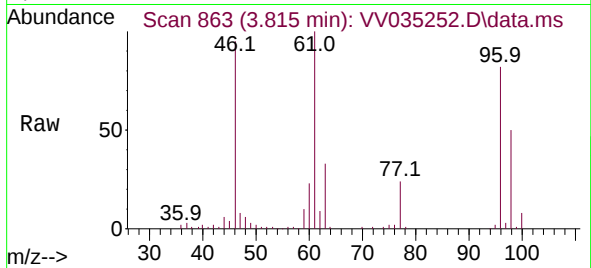
Tgt Ion: 96 Resp: 85350

Ion Ratio Lower Upper

96 100

61 122.2 92.8 172.4

98 61.7 45.5 84.5



#23

Bromochloromethane

Concen: 5.429 ug/L

RT: 4.150 min Scan# 967

Delta R.T. 0.003 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Tgt Ion: 128 Resp: 37120

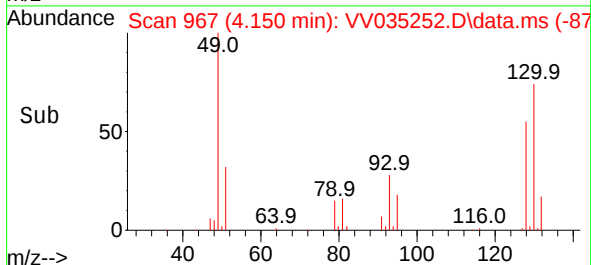
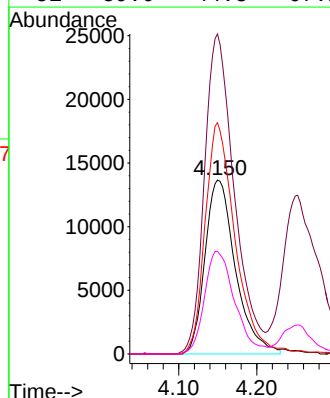
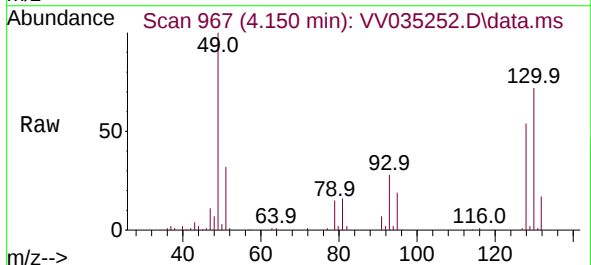
Ion Ratio Lower Upper

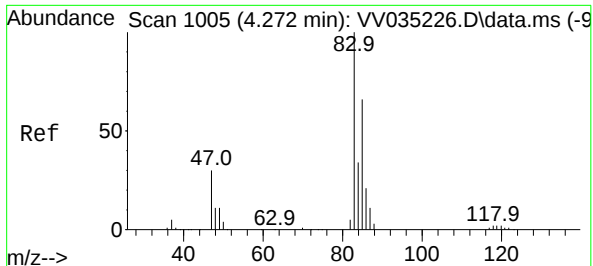
128 100

49 183.9 119.8 222.4

130 132.9 85.2 158.2

51 59.0 44.8 67.2





#25

Chloroform

Concen: 5.497 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

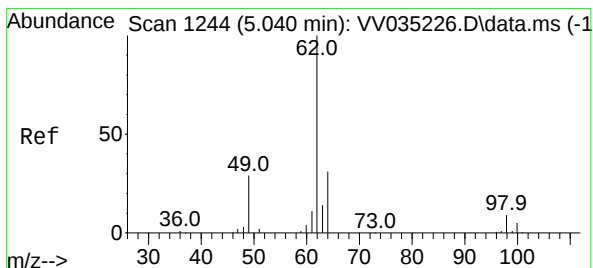
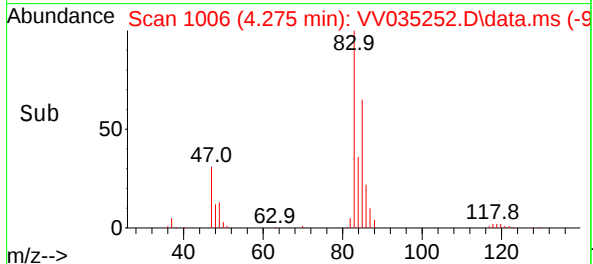
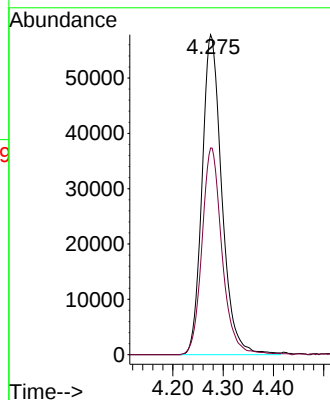
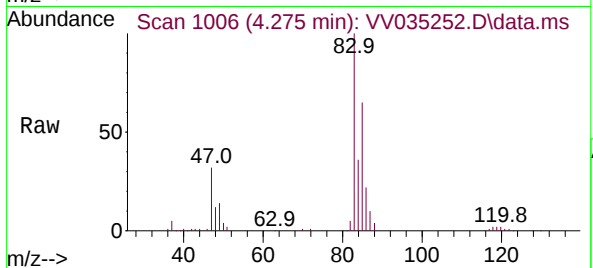
ClientSampleId :

Tgt Ion: 83 Resp: 158069

Ion Ratio Lower Upper

83 100

85 64.6 46.0 85.4



#27

1,2-Dichloroethane

Concen: 5.858 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.003 min

Lab File: VV035252.D

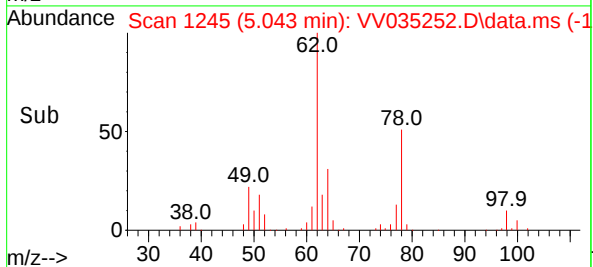
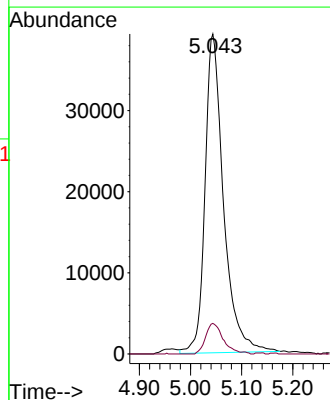
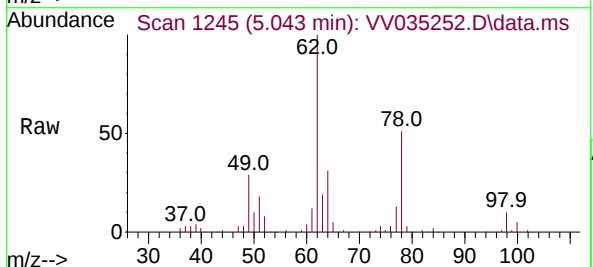
Acq: 16 Apr 2024 19:57

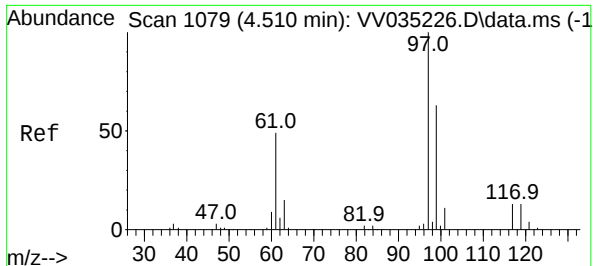
Tgt Ion: 62 Resp: 98791

Ion Ratio Lower Upper

62 100

98 9.6 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 5.164 ug/L

RT: 4.510 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

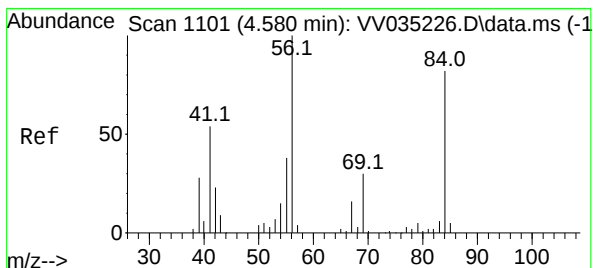
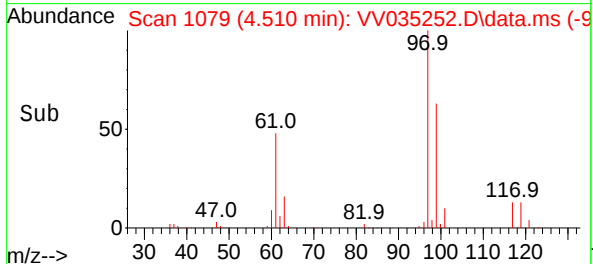
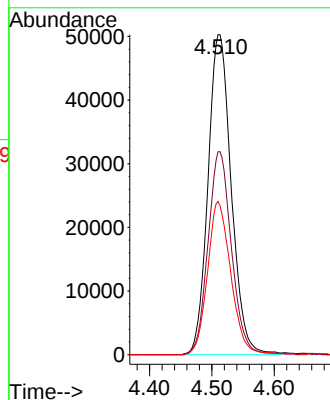
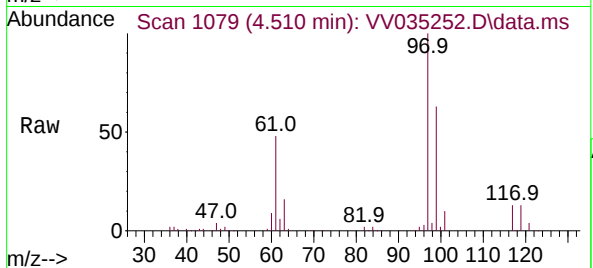
Tgt Ion: 97 Resp: 130441

Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 47.6 38.3 57.5



#30

Cyclohexane

Concen: 5.014 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

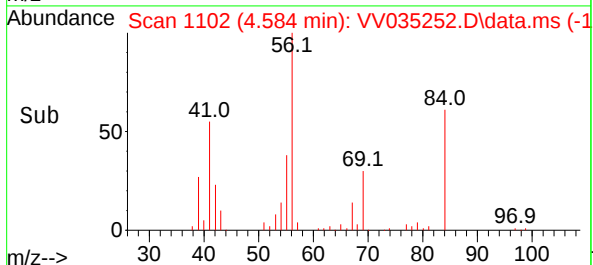
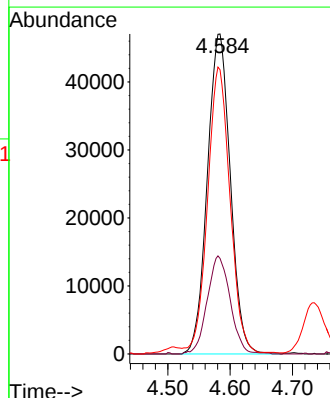
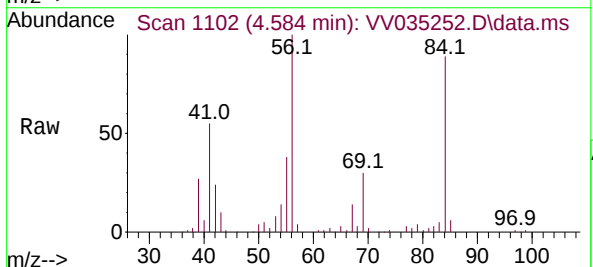
Tgt Ion: 56 Resp: 120662

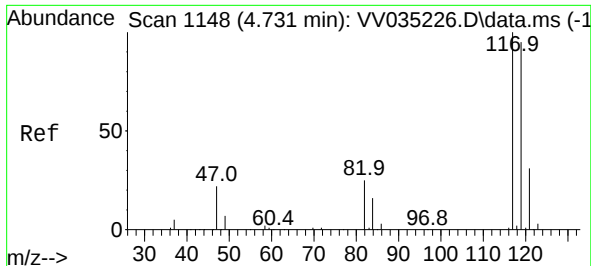
Ion Ratio Lower Upper

56 100

69 30.6 24.8 37.2

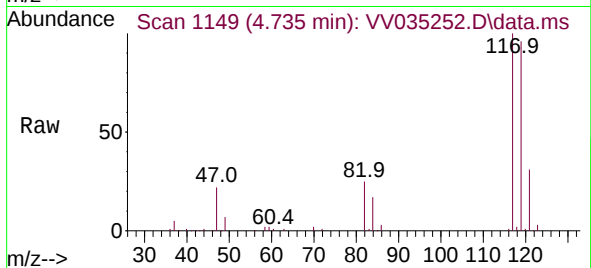
84 86.3 69.4 104.2



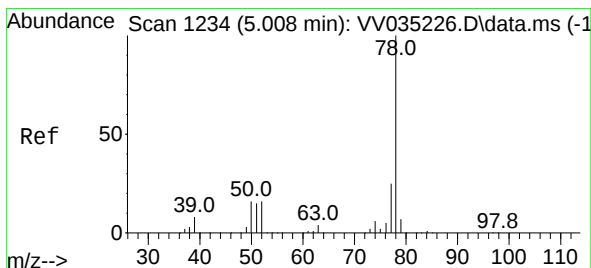
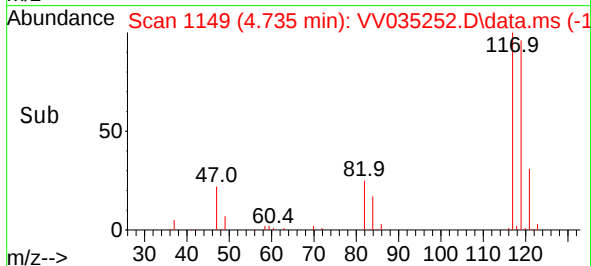
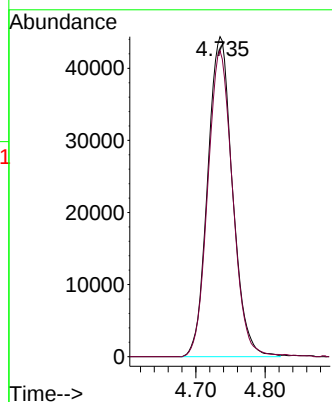


#31
Carbon tetrachloride
Concen: 5.131 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

Instrument :
MSVOA_V
ClientSampleId :

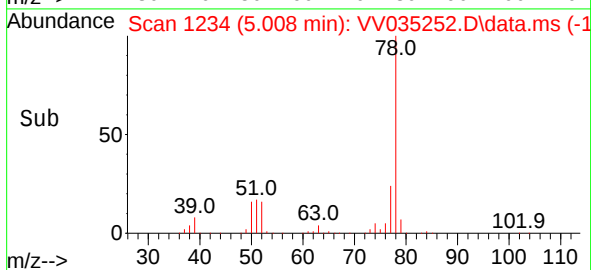
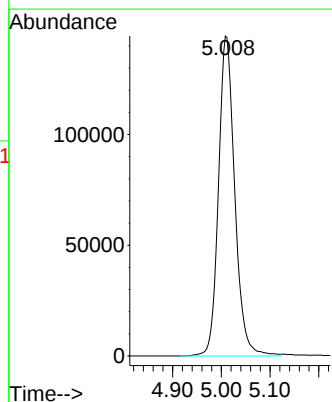
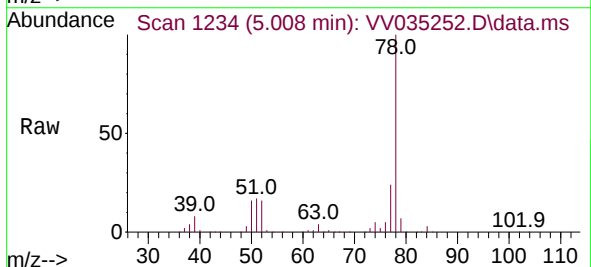


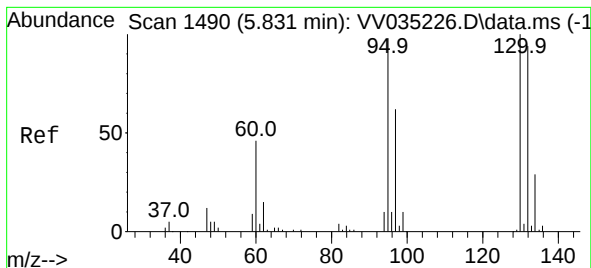
Tgt Ion:117 Resp: 110600
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.6



#33
Benzene
Concen: 5.310 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 78 Resp: 335067





#34

Trichloroethene

Concen: 5.159 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 85631

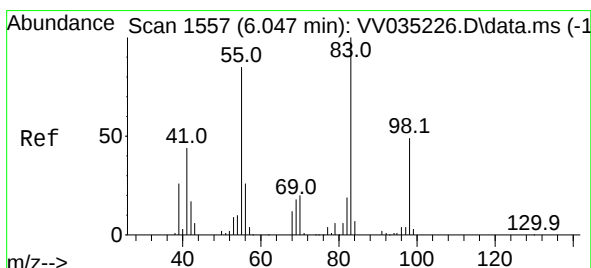
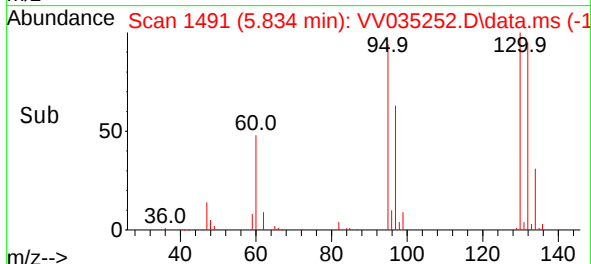
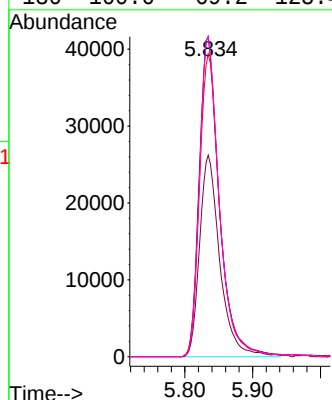
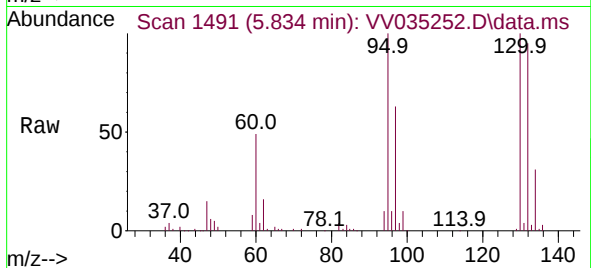
Ion Ratio Lower Upper

95 100

97 63.0 44.7 82.9

132 94.7 64.8 120.3

130 100.0 69.2 128.4



#35

Methylcyclohexane

Concen: 4.927 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

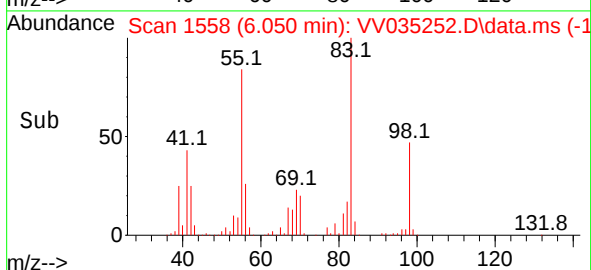
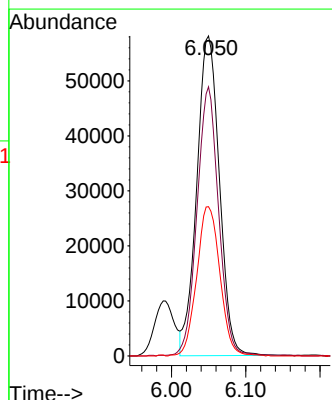
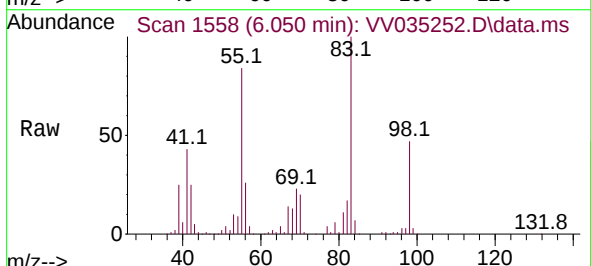
Tgt Ion: 83 Resp: 123182

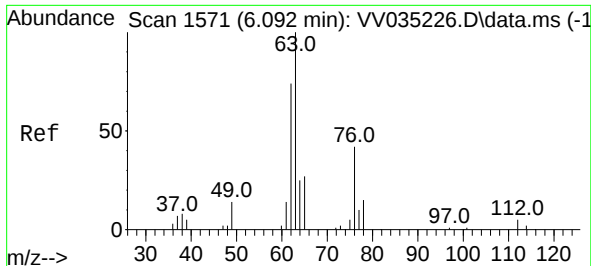
Ion Ratio Lower Upper

83 100

55 80.8 63.8 95.6

98 47.9 37.4 56.2

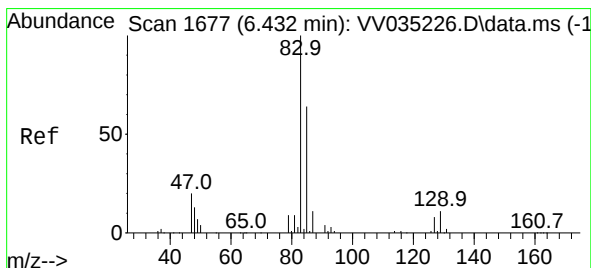
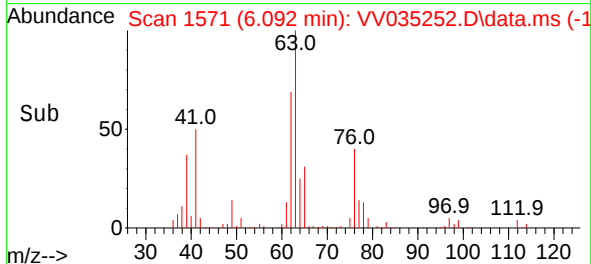
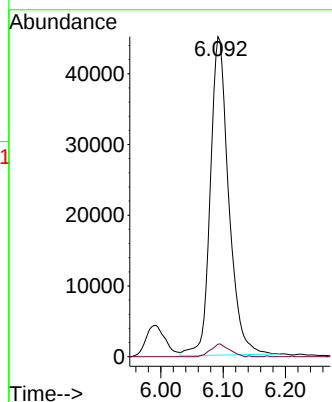
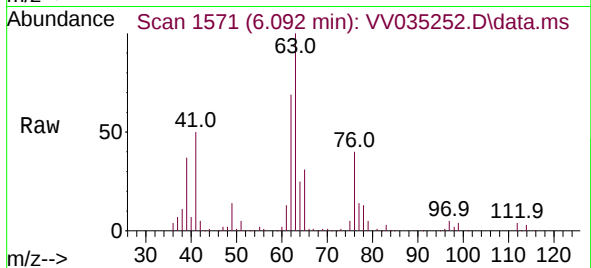




#37
1,2-Dichloropropane
Concen: 5.532 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

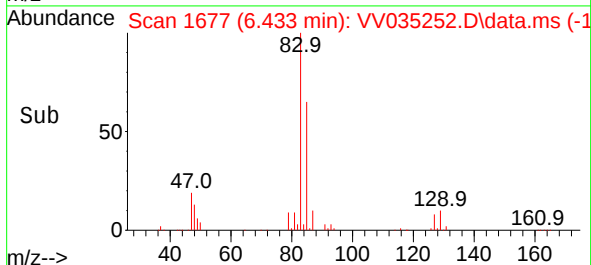
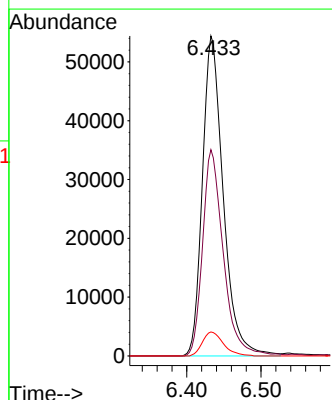
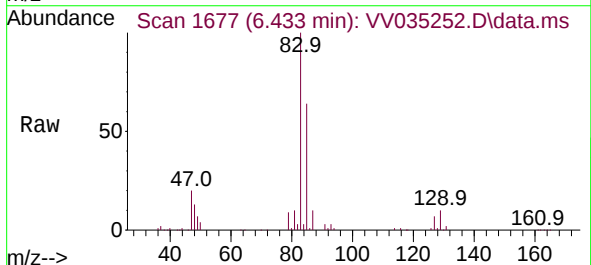
Instrument :
MSVOA_V
ClientSampleId :

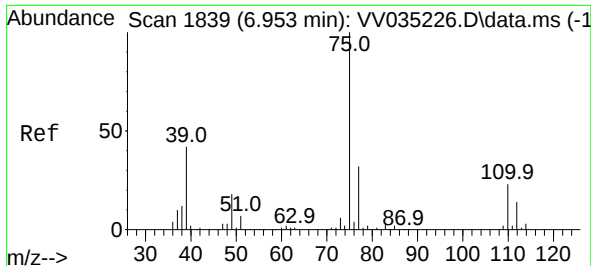
Tgt Ion: 63 Resp: 92307
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 5.224 ug/L
RT: 6.433 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 83 Resp: 106126
Ion Ratio Lower Upper
83 100
85 64.4 43.8 81.4
127 7.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.035 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

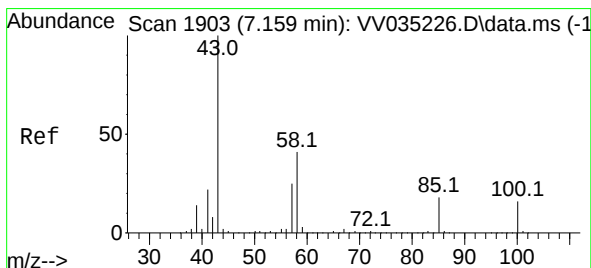
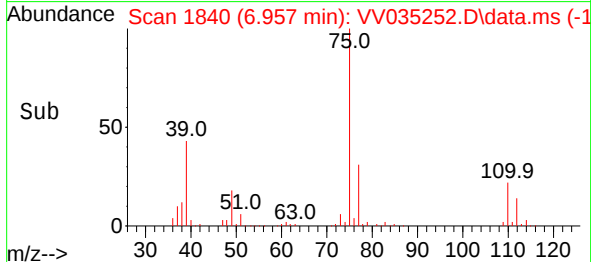
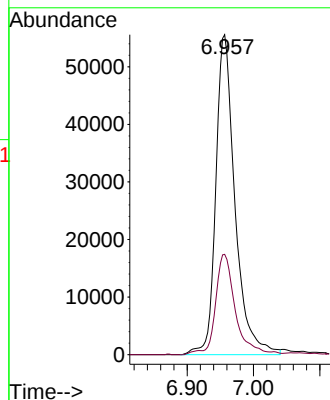
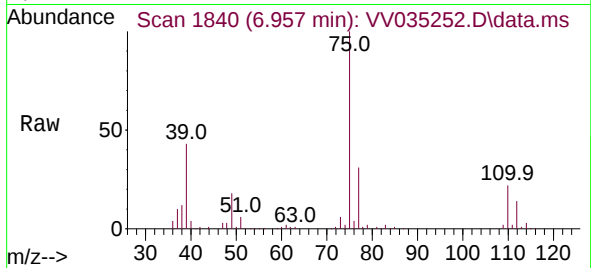
ClientSampleId :

Tgt Ion: 75 Resp: 111671

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 54.347 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

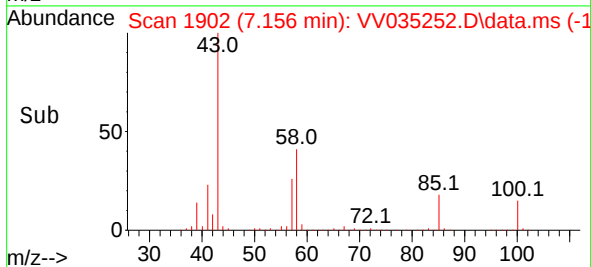
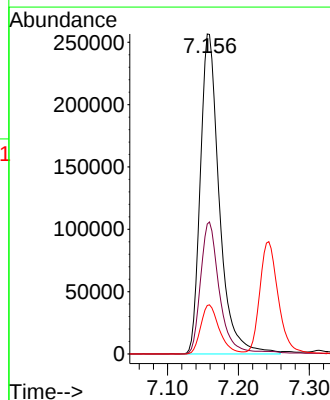
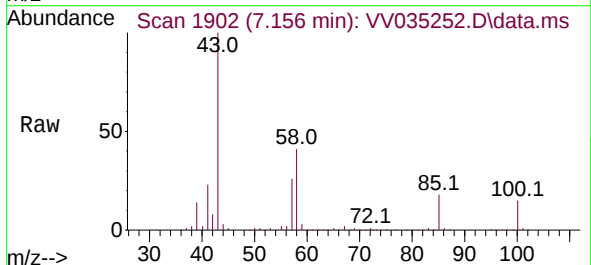
Tgt Ion: 43 Resp: 477759

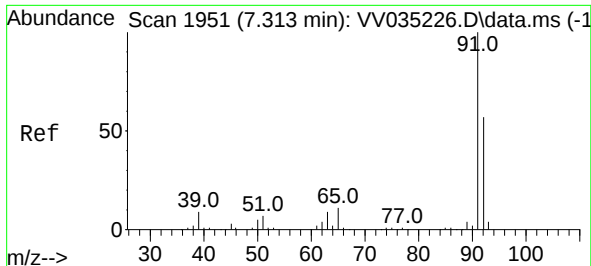
Ion Ratio Lower Upper

43 100

58 41.6 33.4 50.0

100 15.0 10.6 15.8





#42

Toluene

Concen: 5.397 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

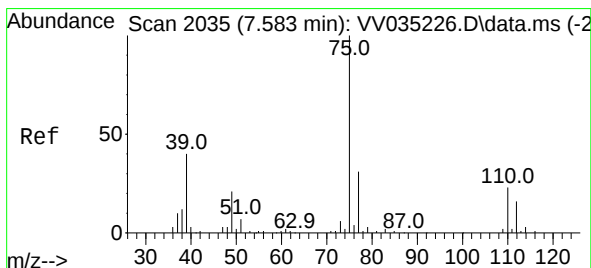
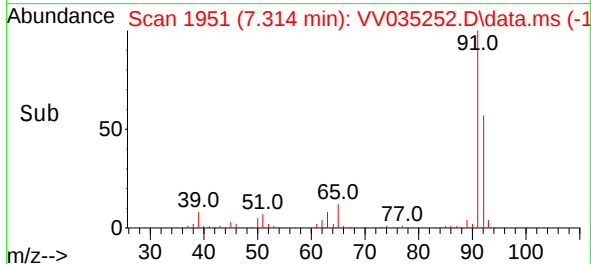
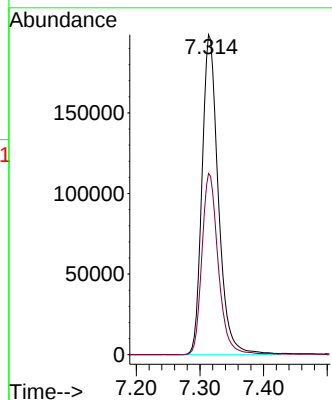
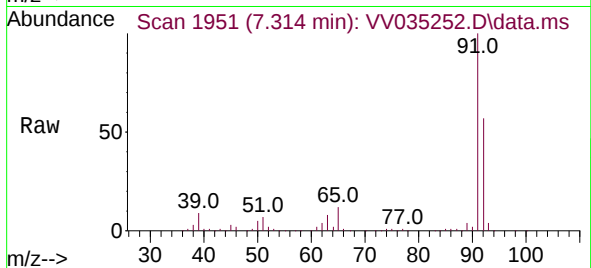
ClientSampleId :

Tgt Ion: 91 Resp: 353167

Ion Ratio Lower Upper

91 100

92 56.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.131 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV035252.D

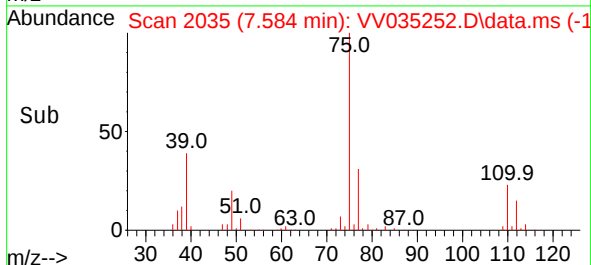
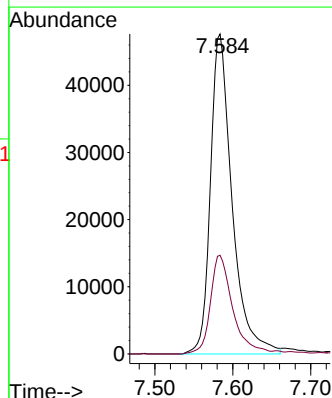
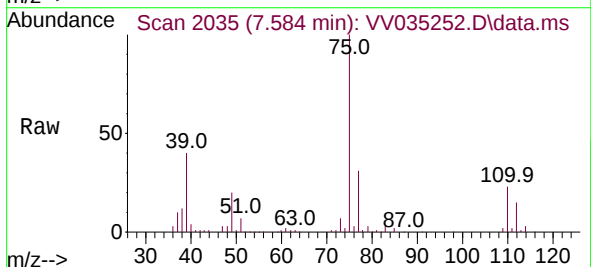
Acq: 16 Apr 2024 19:57

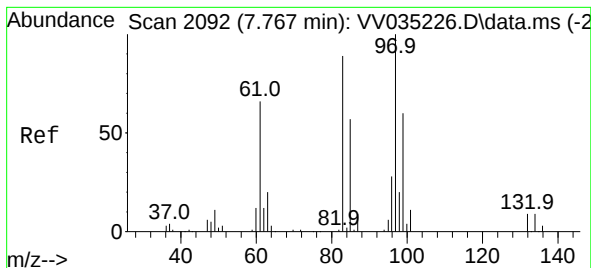
Tgt Ion: 75 Resp: 92008

Ion Ratio Lower Upper

75 100

77 30.8 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 5.296 ug/L

RT: 7.770 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 61313

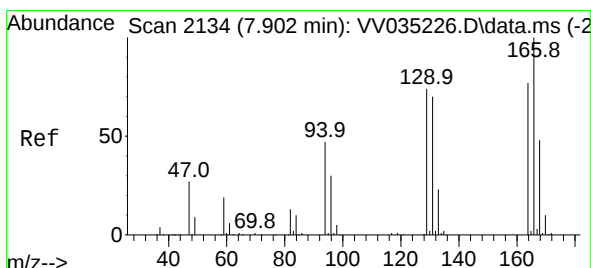
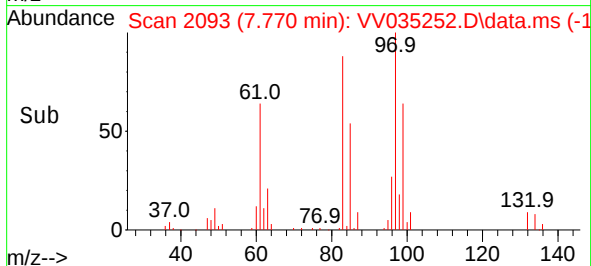
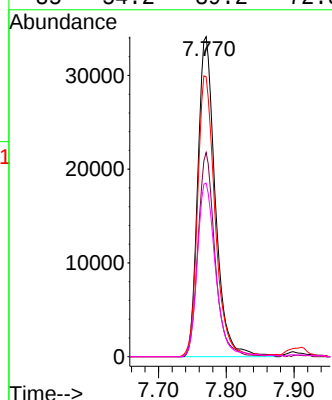
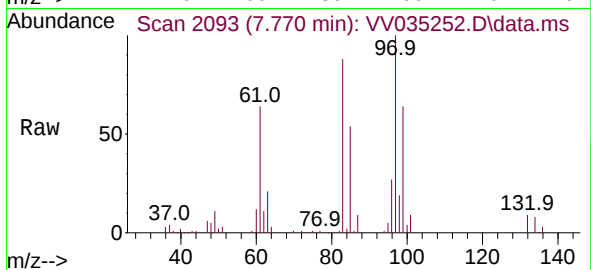
Ion Ratio Lower Upper

97 100

99 63.8 44.2 82.2

83 87.5 60.2 111.8

85 54.2 39.2 72.8



#47

Tetrachloroethene

Concen: 5.011 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Tgt Ion: 164 Resp: 65978

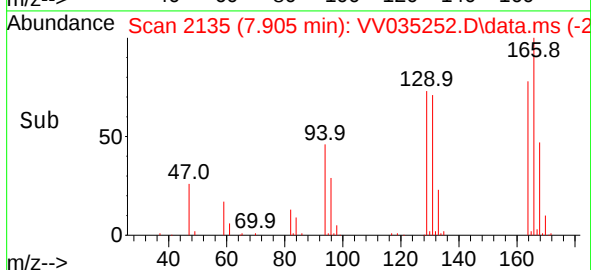
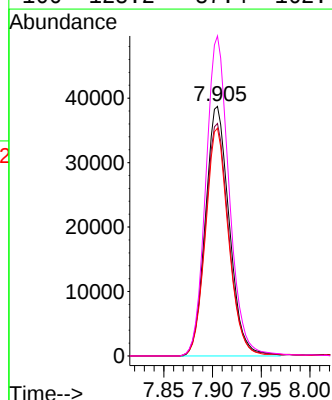
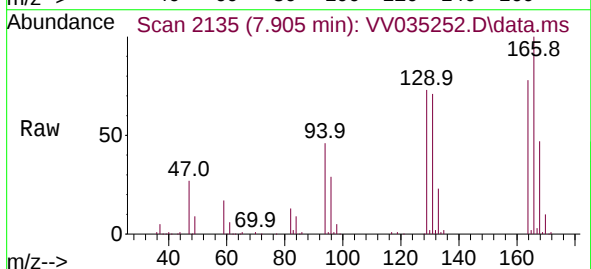
Ion Ratio Lower Upper

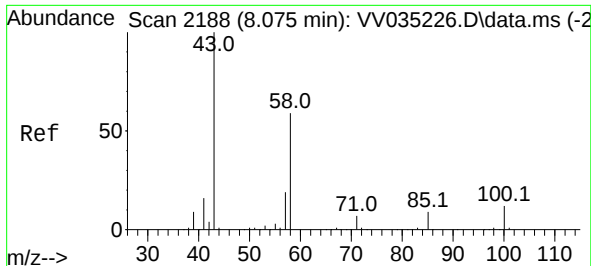
164 100

129 93.1 65.3 121.3

131 91.3 60.9 113.1

166 128.2 87.4 162.4





#48

2-Hexanone

Concen: 55.004 ug/L

RT: 8.076 min Scan# 2188

Delta R.T. 0.000 min

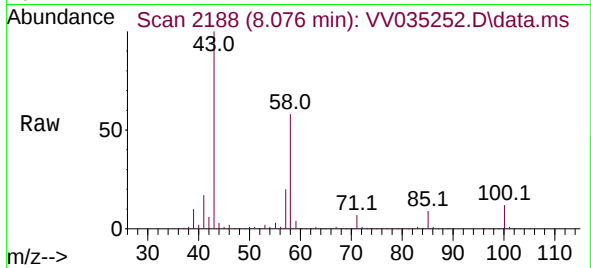
Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 357707

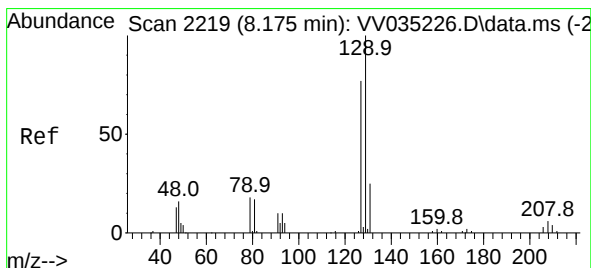
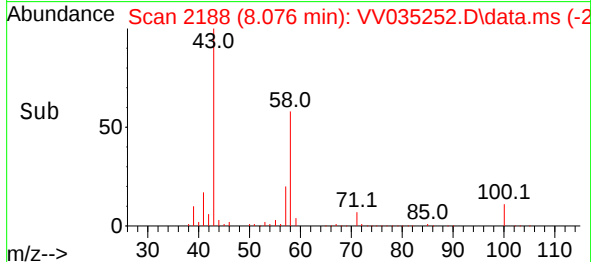
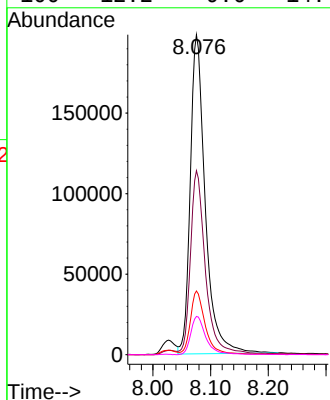
Ion Ratio Lower Upper

43 100

58 57.8 45.2 67.8

57 19.9 15.5 23.3

100 12.2 9.6 14.4



#49

Dibromochloromethane

Concen: 5.220 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV035252.D

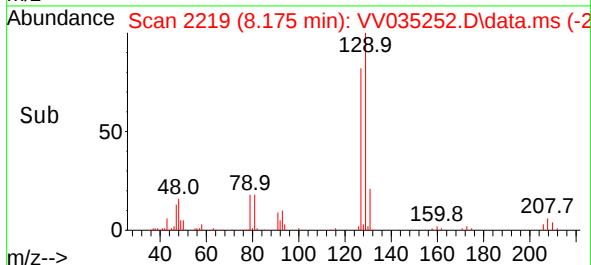
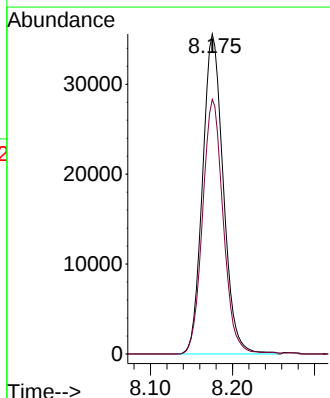
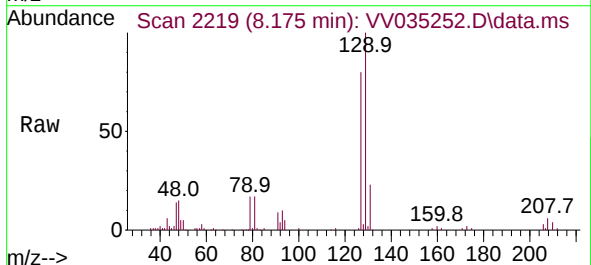
Acq: 16 Apr 2024 19:57

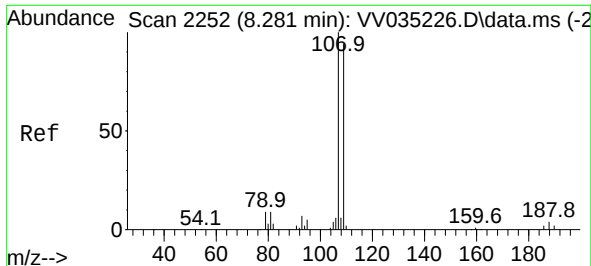
Tgt Ion: 129 Resp: 62431

Ion Ratio Lower Upper

129 100

127 79.6 55.2 102.6

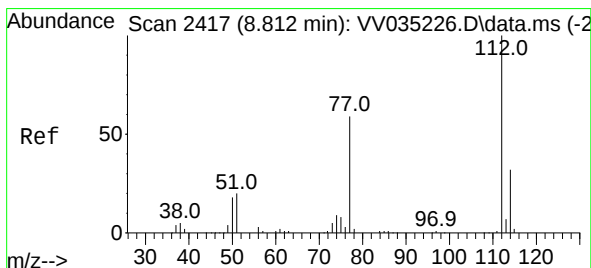
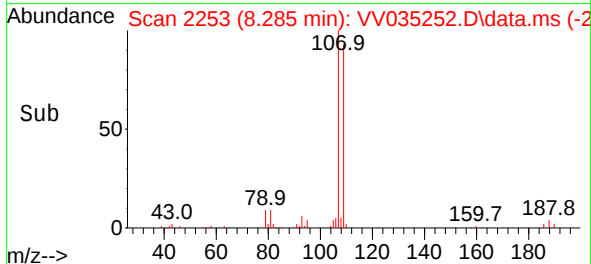
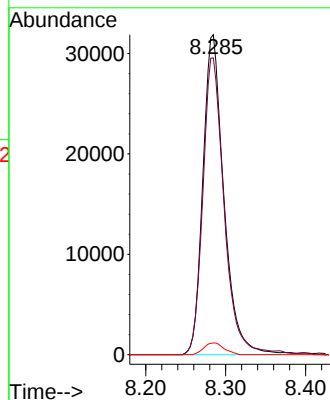
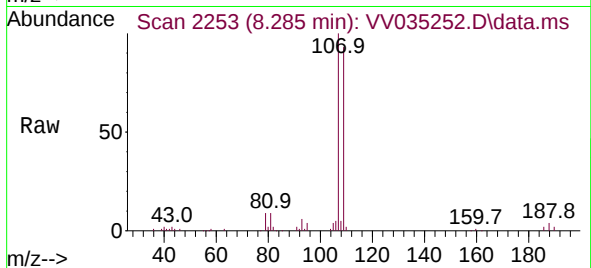




#50
1,2-Dibromoethane
Concen: 5.337 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

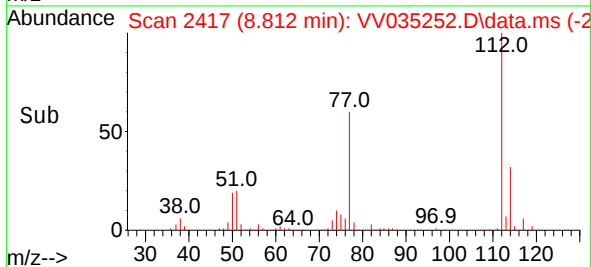
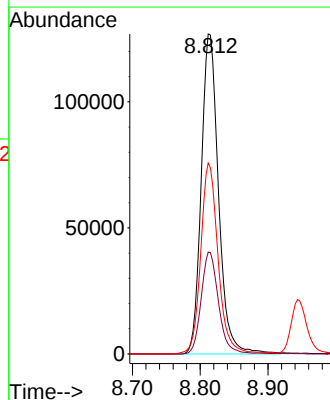
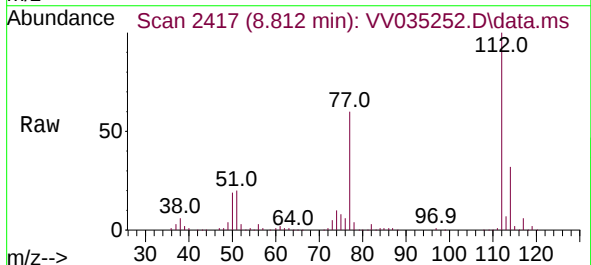
Instrument :
MSVOA_V
ClientSampleId :

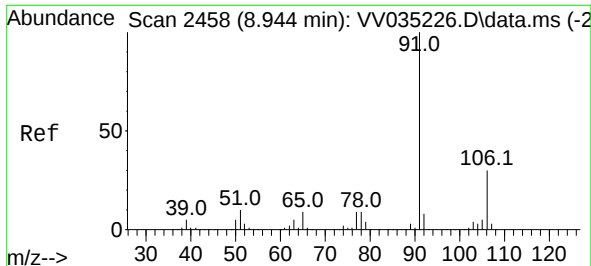
Tgt Ion:107 Resp: 58026
Ion Ratio Lower Upper
107 100
109 92.7 69.1 128.3
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 5.304 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

Tgt Ion:112 Resp: 224638
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 59.7 49.0 73.6

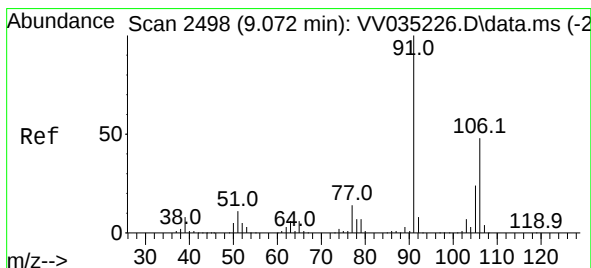
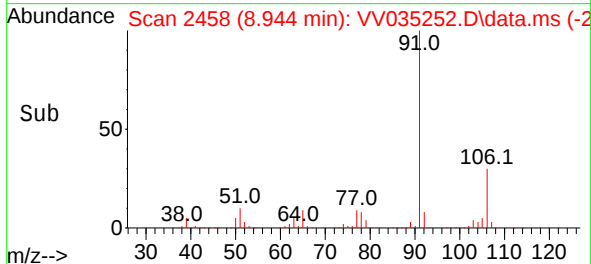
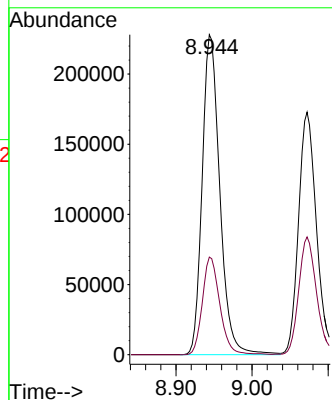
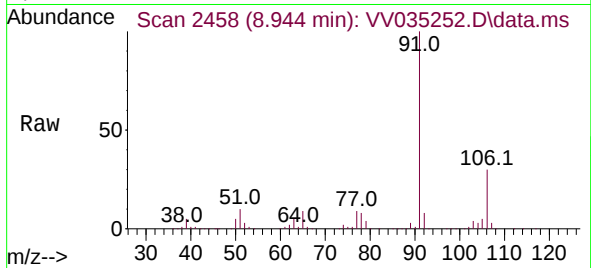




#52
Ethylbenzene
Concen: 5.241 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

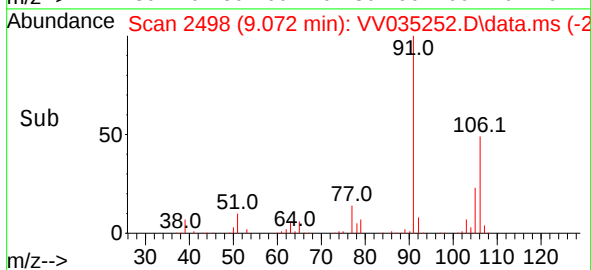
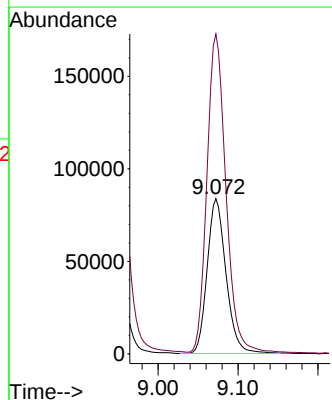
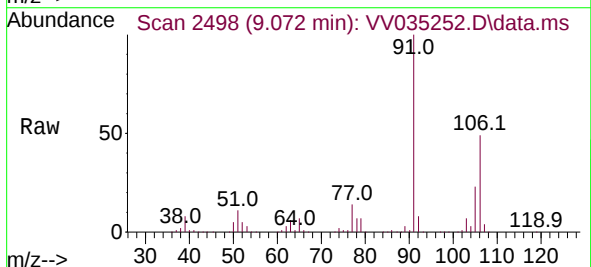
Instrument :
MSVOA_V
ClientSampleId :

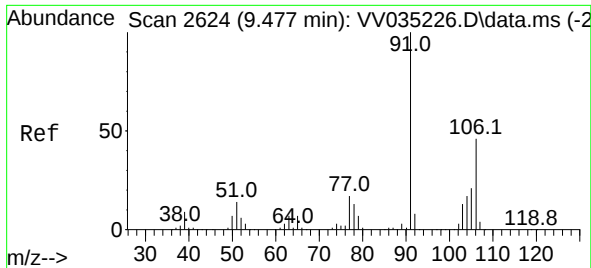
Tgt Ion: 91 Resp: 367484
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 5.301 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 106 Resp: 136939
Ion Ratio Lower Upper
106 100
91 206.0 147.1 273.3

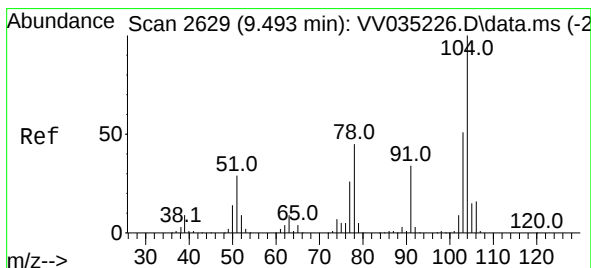
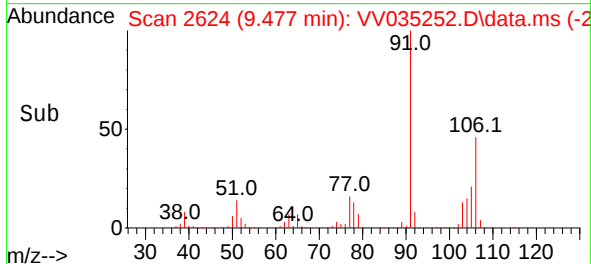
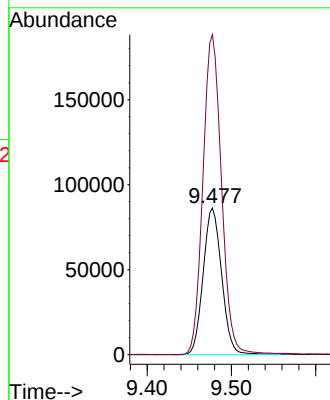
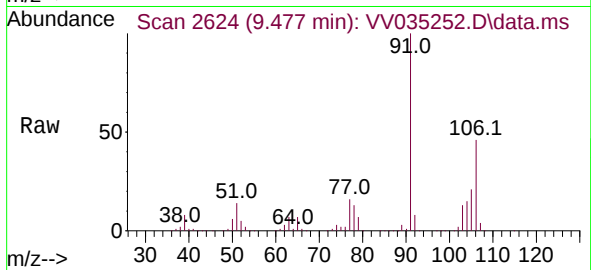




#54
o-Xylene
Concen: 5.304 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

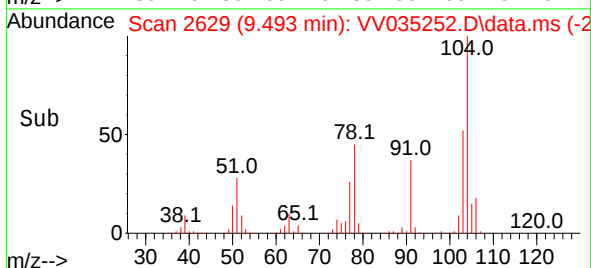
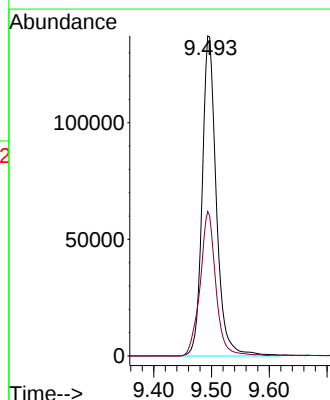
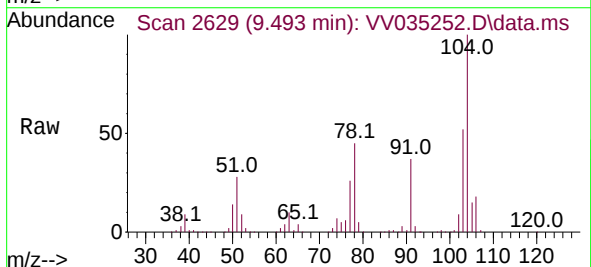
Instrument :
MSVOA_V
ClientSampleId :

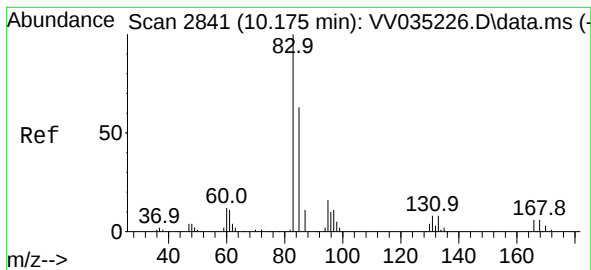
Tgt Ion:106 Resp: 132242
Ion Ratio Lower Upper
106 100
91 218.2 157.7 292.9



#55
Styrene
Concen: 5.591 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

Tgt Ion:104 Resp: 234513
Ion Ratio Lower Upper
104 100
78 45.2 32.4 60.2

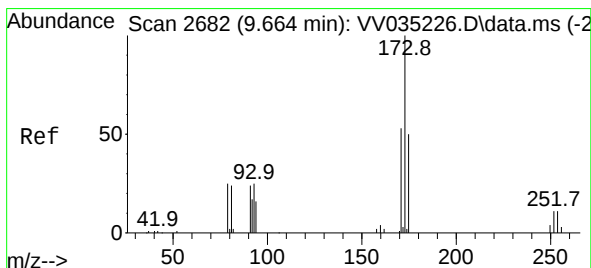
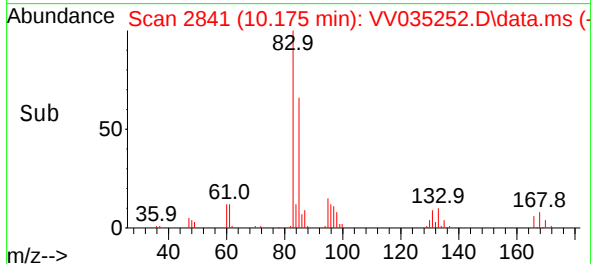
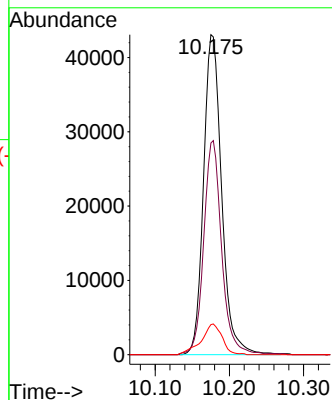
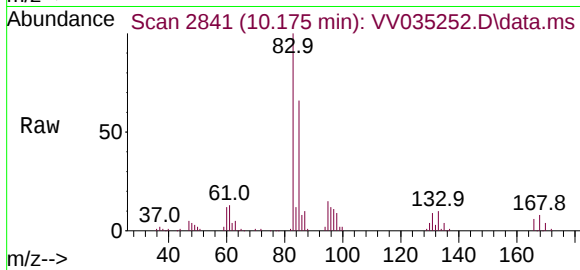




#57
1,1,2,2-Tetrachloroethane
Concen: 5.143 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

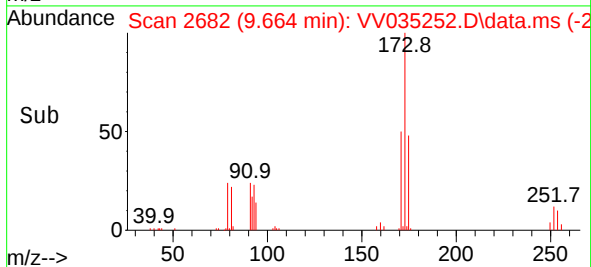
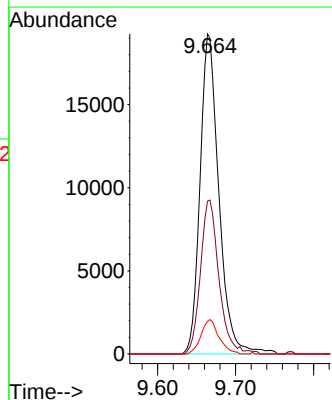
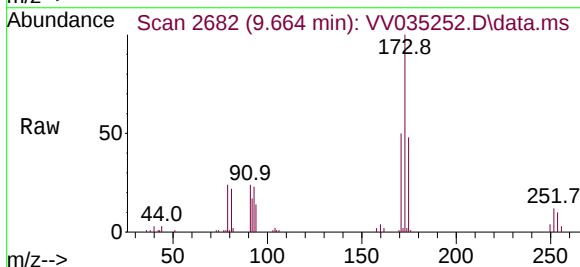
Instrument :
MSVOA_V
ClientSampleId :

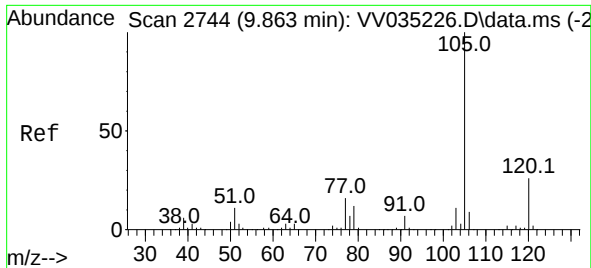
Tgt Ion: 83 Resp: 72975
Ion Ratio Lower Upper
83 100
85 66.1 44.9 83.5
131 9.4 7.8 11.6



#59
Bromoform
Concen: 5.314 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

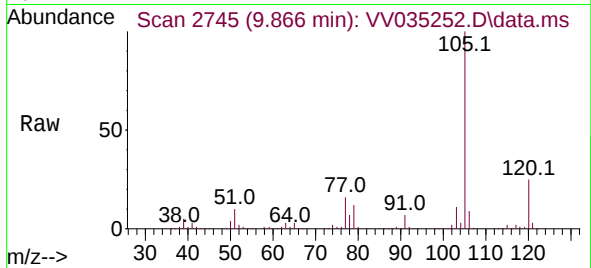
Tgt Ion: 173 Resp: 32272
Ion Ratio Lower Upper
173 100
175 47.3 38.6 57.8
254 10.2 8.2 12.2



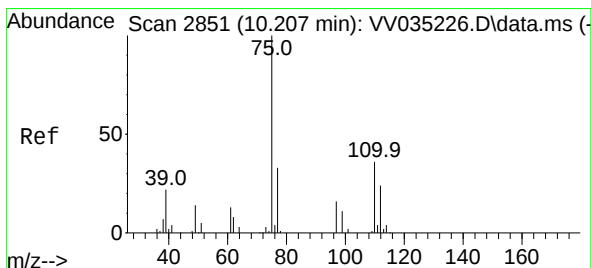
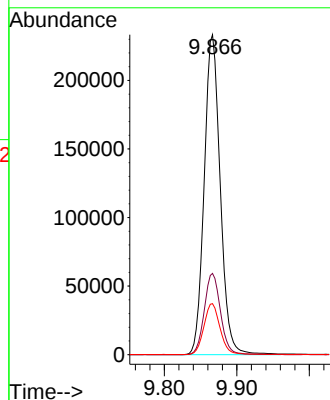
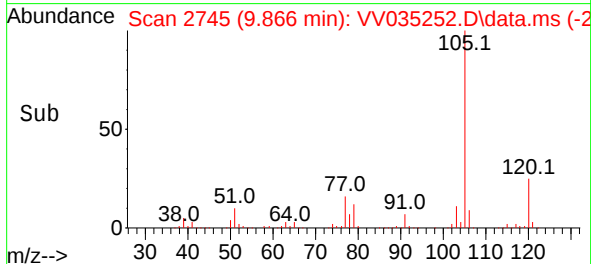


#60
Isopropylbenzene
Concen: 5.485 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57

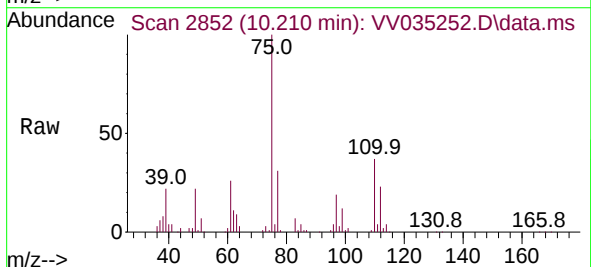
Instrument :
MSVOA_V
ClientSampleId :



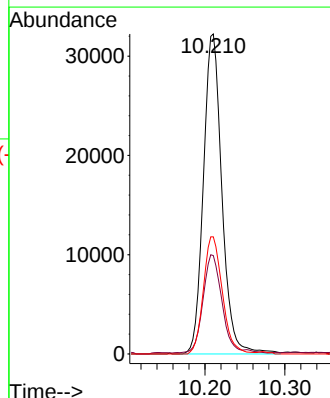
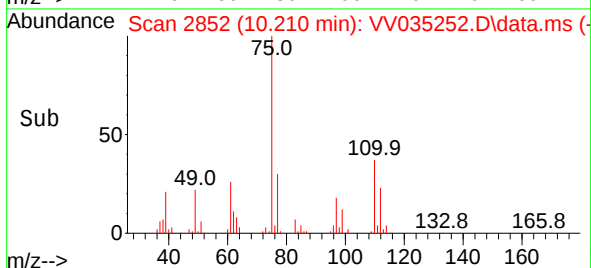
Tgt Ion:105 Resp: 359253
Ion Ratio Lower Upper
105 100
120 25.7 21.1 31.7
77 15.9 13.1 19.7

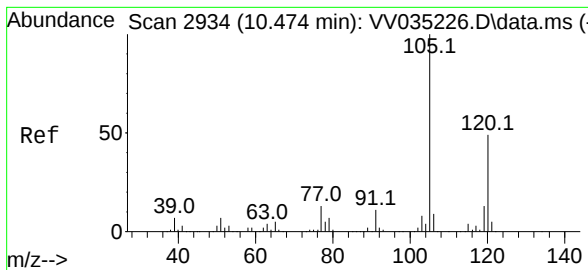


#61
1,2,3-Trichloropropane
Concen: 5.084 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035252.D
Acq: 16 Apr 2024 19:57



Tgt Ion: 75 Resp: 52042
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
110 37.5 29.6 44.4

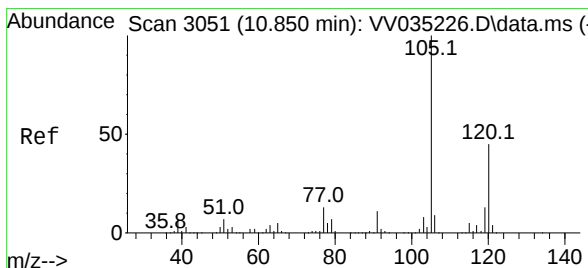
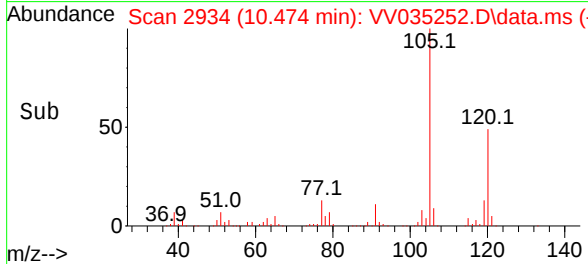
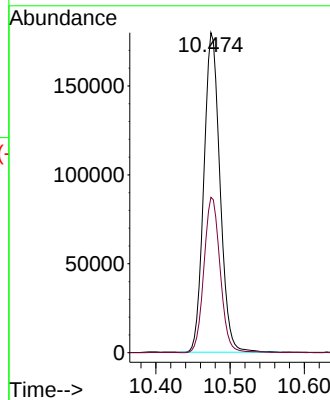
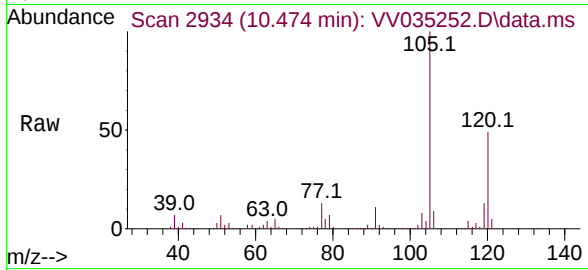




#62
 1,3,5-Trimethylbenzene
 Concen: 5.126 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.000 min
 Lab File: VV035252.D
 Acq: 16 Apr 2024 19:57

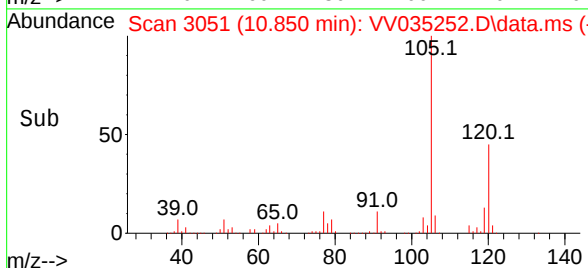
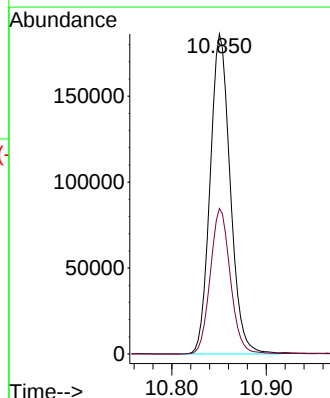
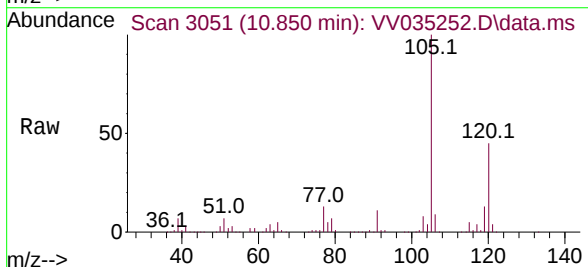
Instrument :
 MSVOA_V
 ClientSampleId :

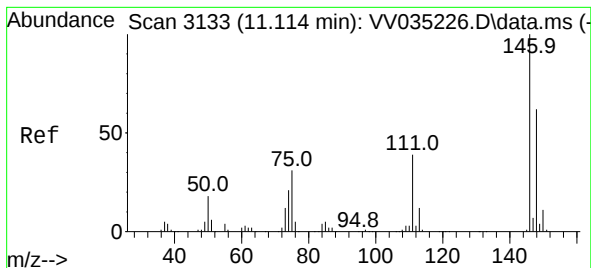
Tgt Ion:105 Resp: 271115
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.273 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.000 min
 Lab File: VV035252.D
 Acq: 16 Apr 2024 19:57

Tgt Ion:105 Resp: 275554
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 5.227 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

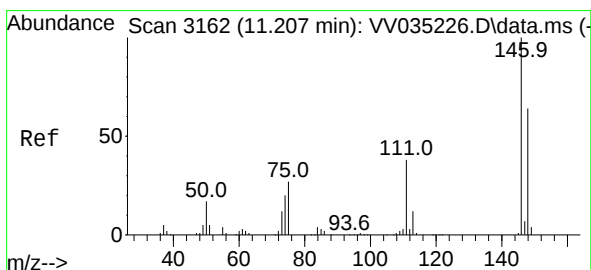
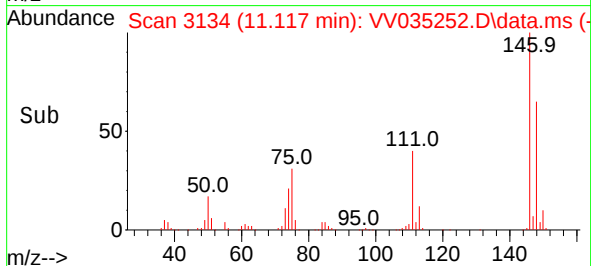
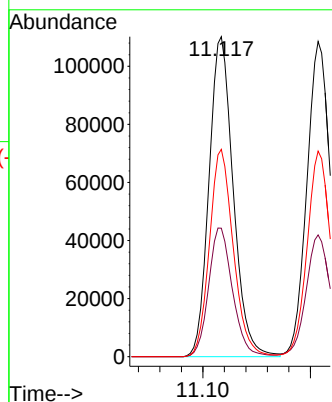
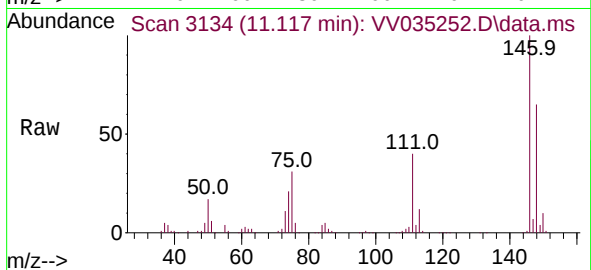
Tgt Ion:146 Resp: 172287

Ion Ratio Lower Upper

146 100

111 40.2 27.6 51.2

148 64.8 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.022 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

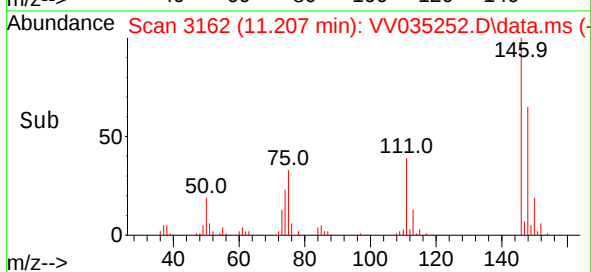
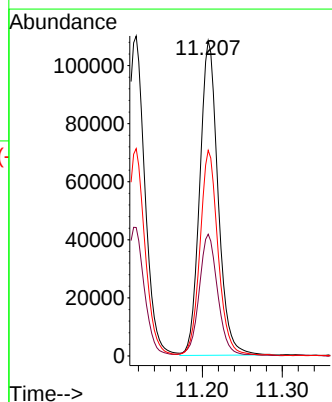
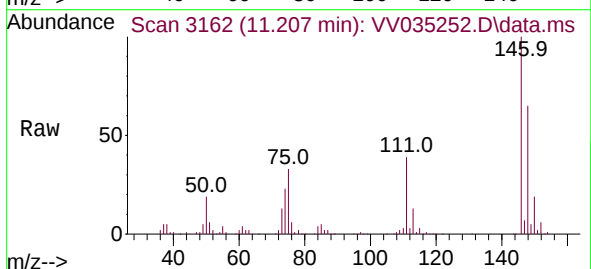
Tgt Ion:146 Resp: 172894

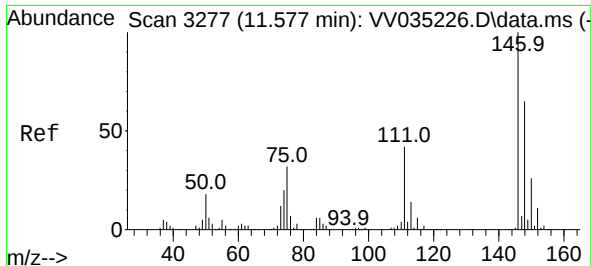
Ion Ratio Lower Upper

146 100

111 38.6 27.1 50.3

148 65.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.170 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

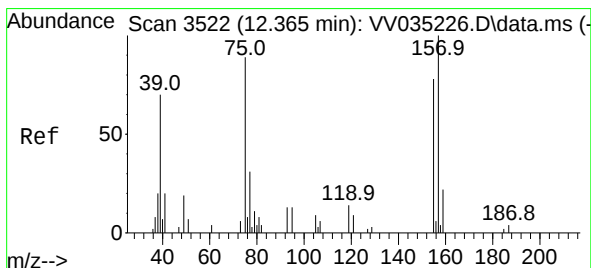
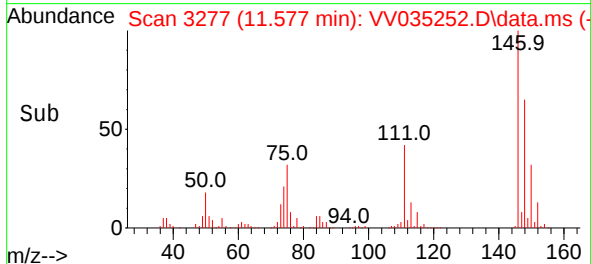
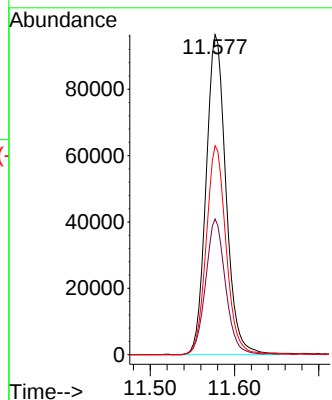
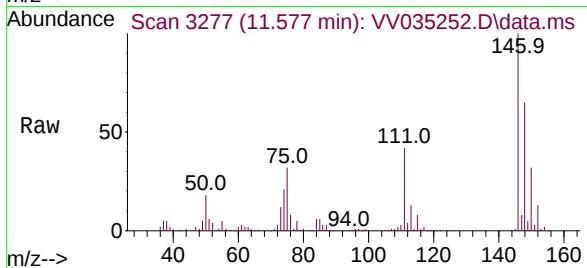
Tgt Ion:146 Resp: 158236

Ion Ratio Lower Upper

146 100

111 42.4 33.7 50.5

148 65.3 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.428 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

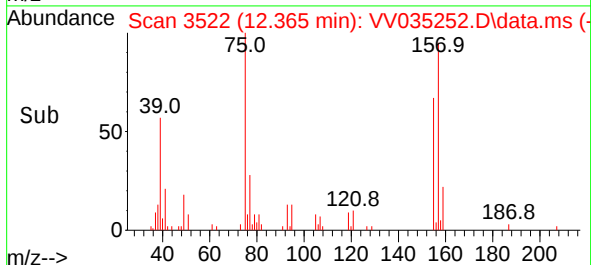
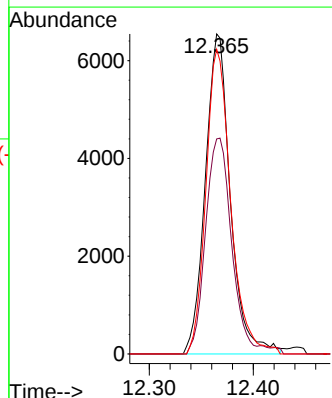
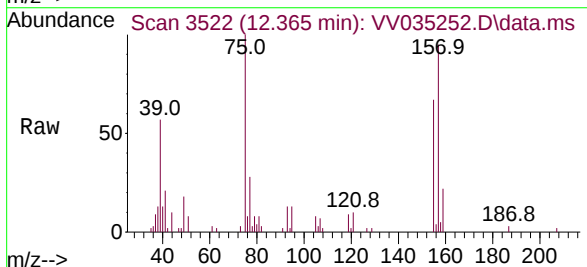
Tgt Ion: 75 Resp: 10969

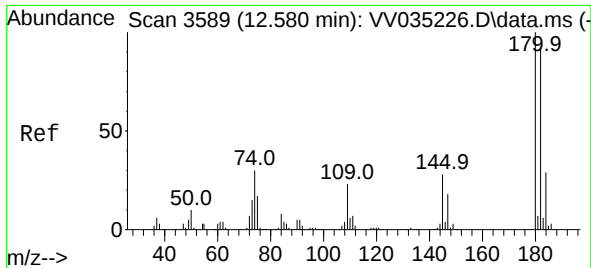
Ion Ratio Lower Upper

75 100

155 67.2 66.8 100.2

157 95.2 88.8 133.2





#69

1,3,5-Trichlorobenzene

Concen: 5.038 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

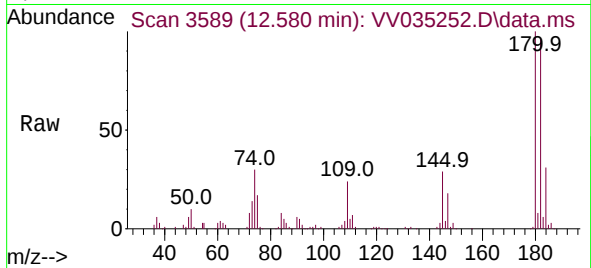
Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 126052

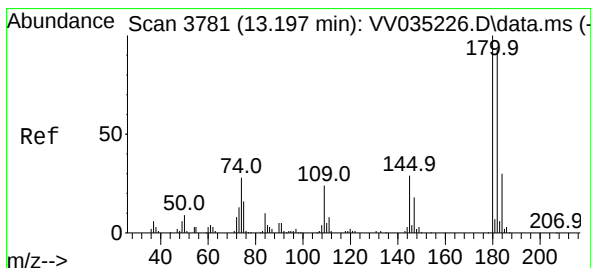
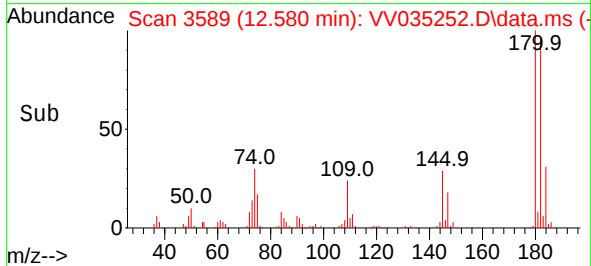
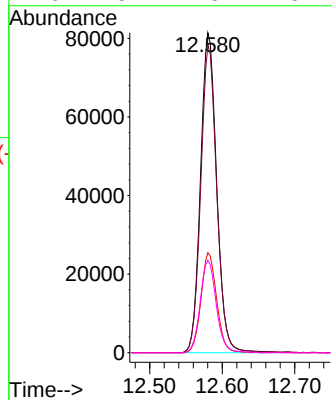
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

184 30.2 24.0 36.0

145 28.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.841 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

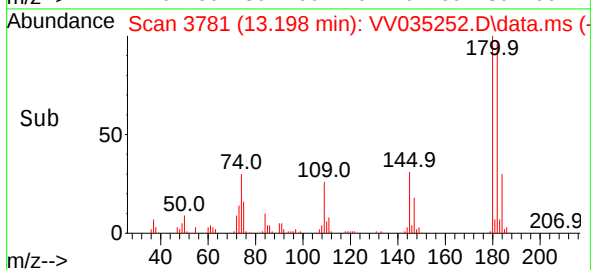
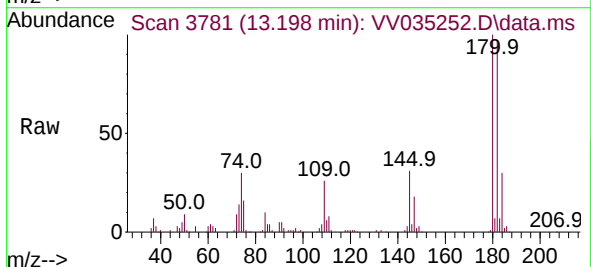
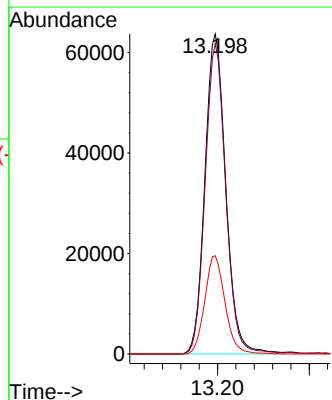
Tgt Ion:180 Resp: 101013

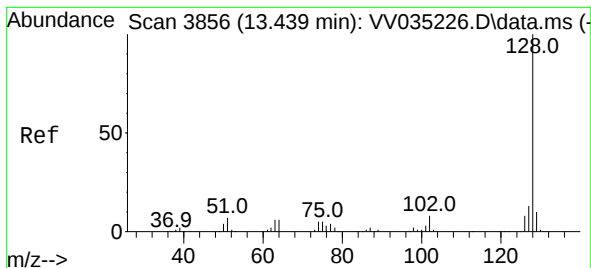
Ion Ratio Lower Upper

180 100

182 95.1 76.9 115.3

145 29.7 23.5 35.3





#71

Naphthalene

Concen: 4.549 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_V

ClientSampleId :

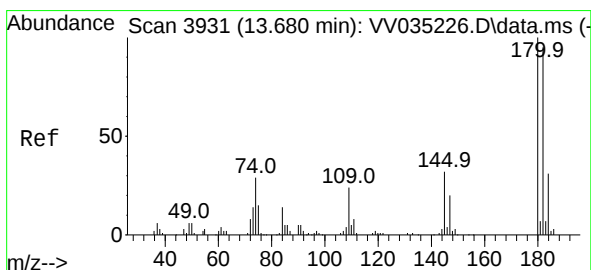
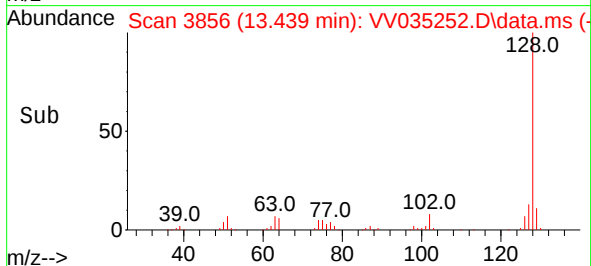
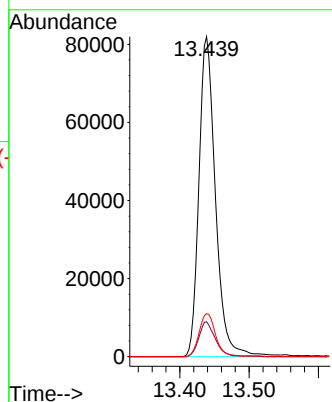
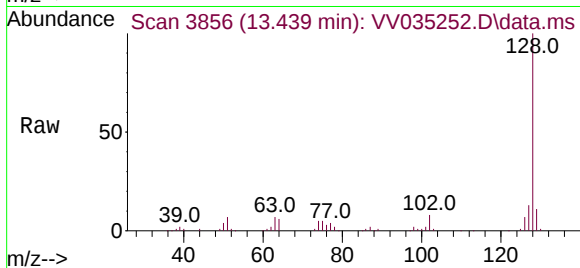
Tgt Ion:128 Resp: 136415

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.4 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.953 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV035252.D

Acq: 16 Apr 2024 19:57

Tgt Ion:180 Resp: 91749

Ion Ratio Lower Upper

180 100

182 97.8 75.9 113.9

145 31.3 25.3 37.9

