

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041724\
 Data File : VV035268.D
 Acq On : 17 Apr 2024 15:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 18 00:43:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 18 00:40:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	199862	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	205978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	108734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	53635	2.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.532	69	46390	3.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.800%#
11) 1,1-Dichloroethene-d2	2.056	65	23272	2.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.600%#
20) 2-Butanone-d5	3.831	46	117600	37.152	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.300%
24) Chloroform-d	4.249	84	116048	3.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	4.944	65	51334	3.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
32) Benzene-d6	4.960	84	208131	3.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	5.989	67	63031	3.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.200%
41) Toluene-d8	7.239	98	191725	3.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	7.558	79	21747	3.348	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.000%
46) 2-Hexanone-d5	8.027	63	85674	31.672	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.340%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	50965	3.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	67946	3.515	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	103258	5.458	ug/L	100
3) Chloromethane	1.214	50	104206	4.722	ug/L	99
5) Vinyl chloride	1.281	62	105420	4.870	ug/L	100
6) Bromomethane	1.487	94	49971	4.028	ug/L	98
8) Chloroethane	1.548	64	65235	4.895	ug/L	98
9) Trichlorofluoromethane	1.712	101	129607	5.025	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	78232	4.940	ug/L	98
12) 1,1-Dichloroethene	2.066	96	74271	4.895	ug/L	83
13) Acetone	2.159	43	107614	50.451	ug/L	75
14) Carbon disulfide	2.236	76	249353	5.210	ug/L	100
15) Methyl Acetate	2.391	43	30837	5.488	ug/L	99
16) Methylene chloride	2.445	84	94897	4.966	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	167884	4.902	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	83081	5.359	ug/L	96
19) 1,1-Dichloroethane	3.108	63	163773	5.252	ug/L	99
21) 2-Butanone	3.905	43	142098	40.700	ug/L #	67
22) cis-1,2-Dichloroethene	3.812	96	83542	5.241	ug/L	96
23) Bromochloromethane	4.149	128	38513	5.342	ug/L	93
25) Chloroform	4.275	83	162187	5.349	ug/L	100

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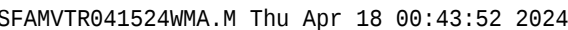
Instrument :
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 ClientSampleId :

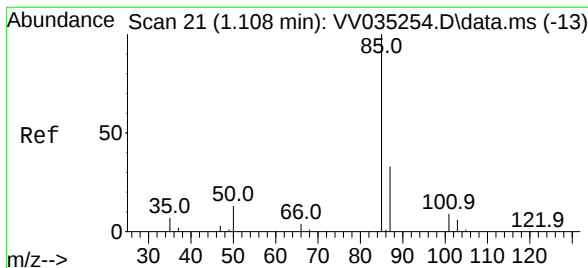
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	90426	5.086	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	137536	5.306	ug/L	98
30) Cyclohexane	4.580	56	121082	4.903	ug/L	97
31) Carbon tetrachloride	4.731	117	116970	5.288	ug/L	100
33) Benzene	5.008	78	340360	5.257	ug/L	100
34) Trichloroethene	5.831	95	88664	5.206	ug/L	97
35) Methylcyclohexane	6.047	83	130949	5.104	ug/L	99
37) 1,2-Dichloropropane	6.092	63	92038	5.375	ug/L	99
38) Bromodichloromethane	6.432	83	107373	5.151	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	108263	4.757	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	395659	43.860	ug/L #	98
42) Toluene	7.313	91	365272	5.439	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	87643	4.763	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	59378	4.998	ug/L	97
47) Tetrachloroethene	7.902	164	72290	5.351	ug/L	99
48) 2-Hexanone	8.075	43	286221	42.890	ug/L	98
49) Dibromochloromethane	8.175	129	61029	4.973	ug/L	100
50) 1,2-Dibromoethane	8.281	107	55689	4.991	ug/L	95
51) Chlorobenzene	8.812	112	225268	5.183	ug/L	98
52) Ethylbenzene	8.943	91	371972	5.170	ug/L	100
53) m,p-Xylene	9.072	106	141648	5.344	ug/L	95
54) o-Xylene	9.477	106	134025	5.239	ug/L	92
55) Styrene	9.493	104	237871	5.526	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	69837	4.797	ug/L	98
59) Bromoform	9.664	173	29814	4.603	ug/L	97
60) Isopropylbenzene	9.866	105	363029	5.197	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	49262	4.512	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	280744	4.977	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	281445	5.050	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	183815	5.229	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	185876	5.062	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	163012	4.994	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	8693	4.034	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	137192	5.142	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	103526	4.652	ug/L	99
71) Naphthalene	13.438	128	113605	3.553	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	91867	4.650	ug/L	99

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

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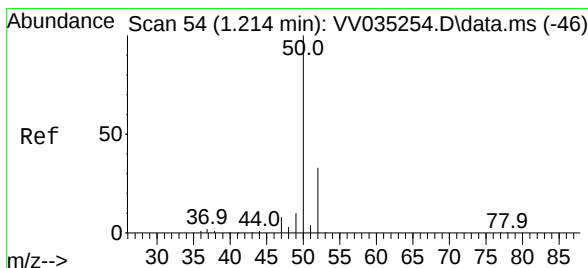
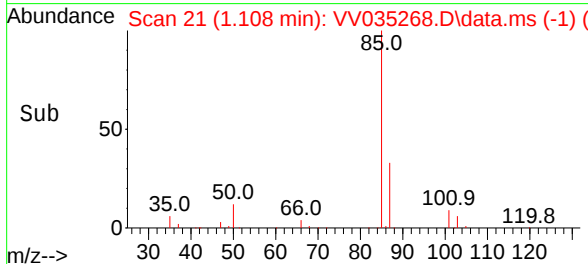
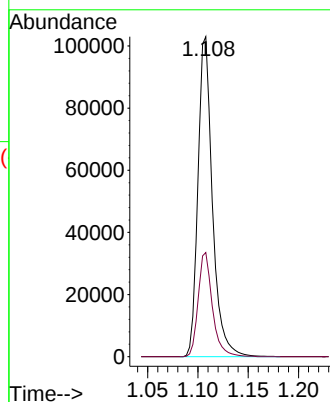
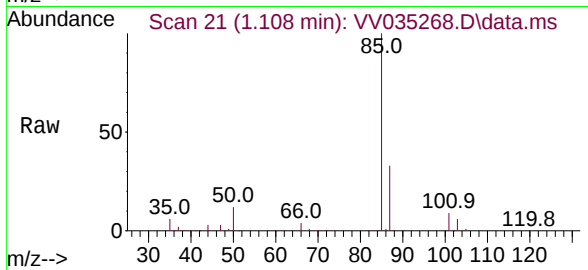




#2
 Dichlorodifluoromethane
 Concen: 5.458 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035268.D
 Acq: 17 Apr 2024 15:04

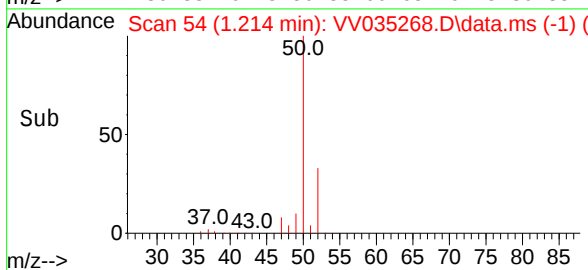
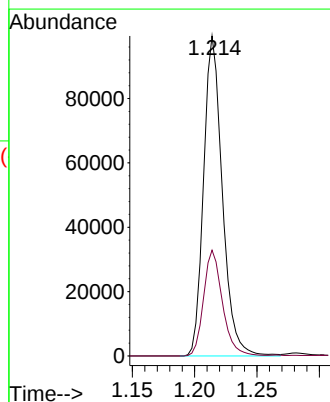
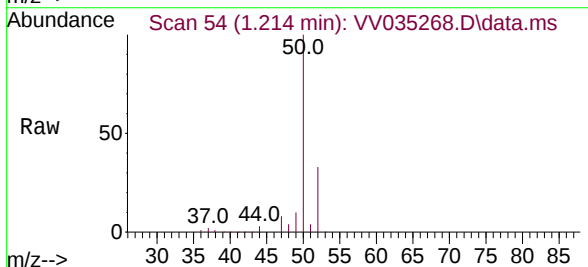
Instrument :
 MSVOA_V
 ClientSampleId :

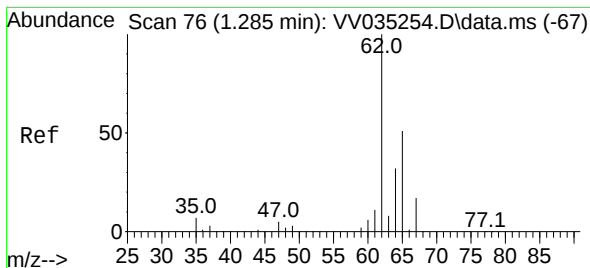
Tgt Ion: 85 Resp: 103258
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 4.722 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035268.D
 Acq: 17 Apr 2024 15:04

Tgt Ion: 50 Resp: 104206
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 43.9





#5

Vinyl chloride

Concen: 4.870 ug/L

RT: 1.281 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

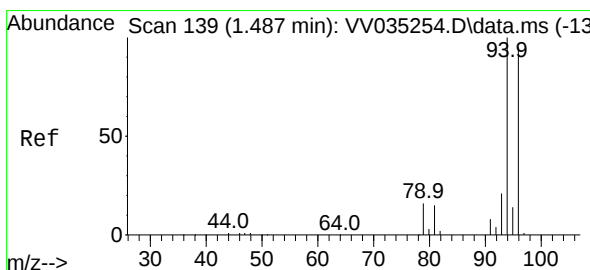
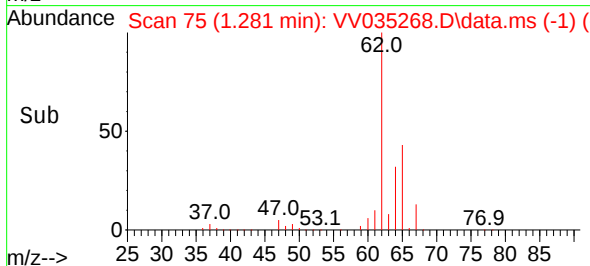
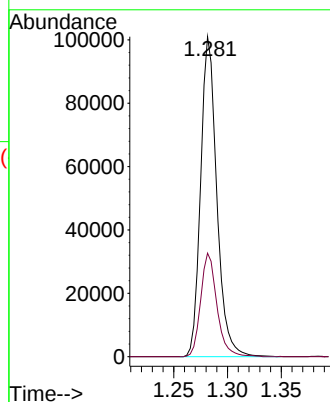
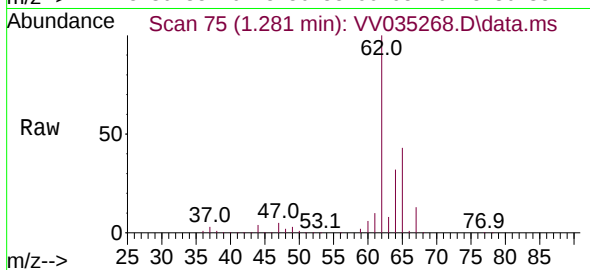
ClientSampleId :

Tgt Ion: 62 Resp: 105420

Ion Ratio Lower Upper

62 100

64 32.3 22.8 42.4



#6

Bromomethane

Concen: 4.028 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035268.D

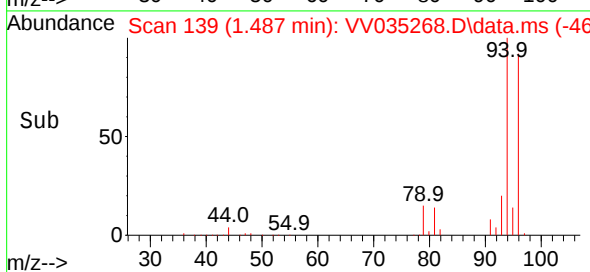
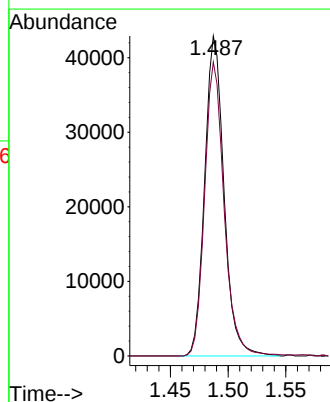
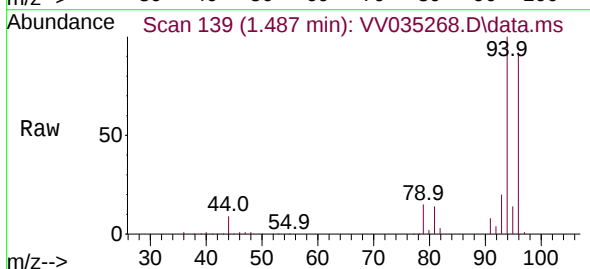
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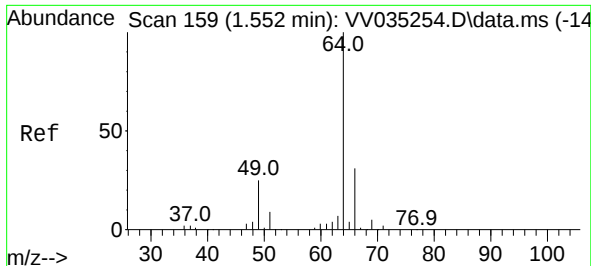
Tgt Ion: 94 Resp: 49971

Ion Ratio Lower Upper

94 100

96 91.8 65.7 122.1

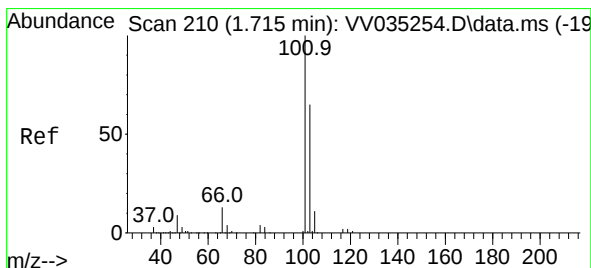
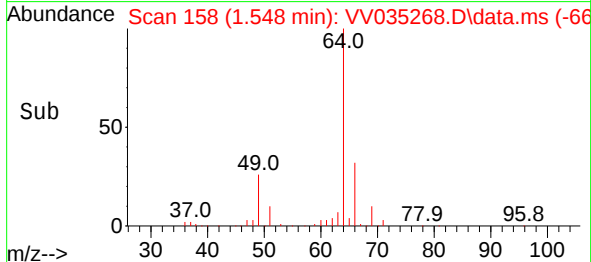
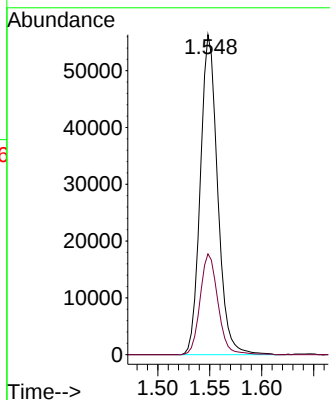
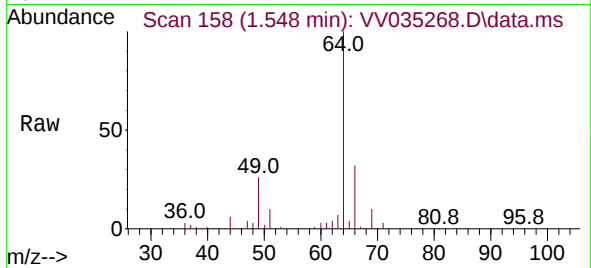




#8
Chloroethane
Concen: 4.895 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

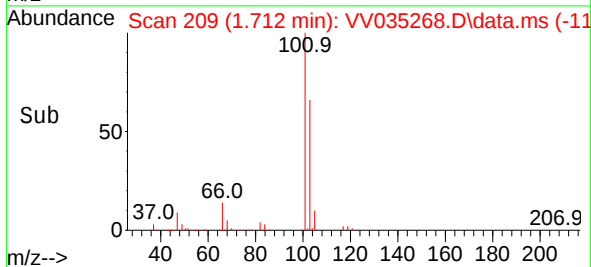
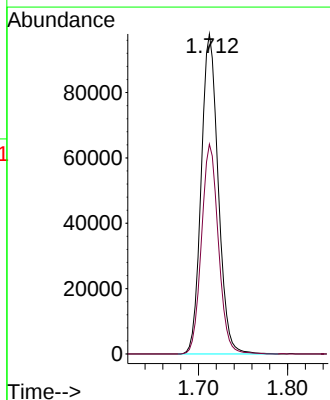
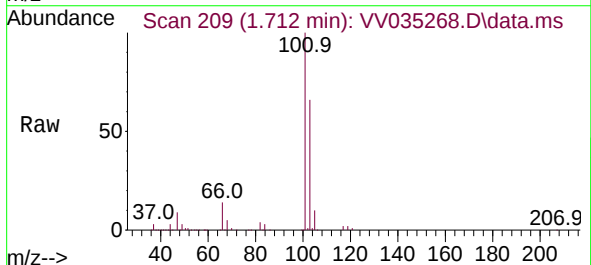
Instrument :
MSVOA_V
ClientSampleId :

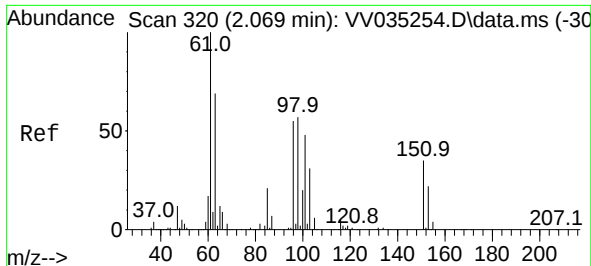
Tgt Ion: 64 Resp: 65235
Ion Ratio Lower Upper
64 100
66 31.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 5.025 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Tgt Ion:101 Resp: 129607
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

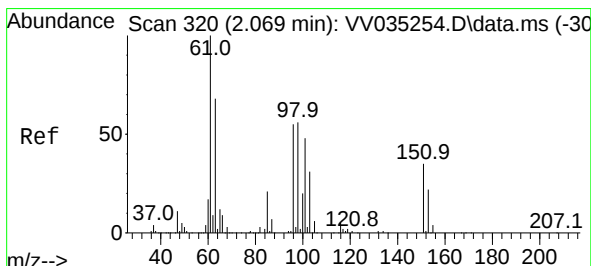
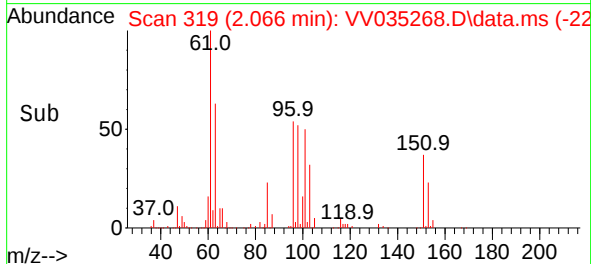
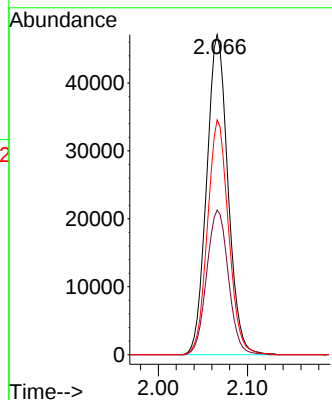
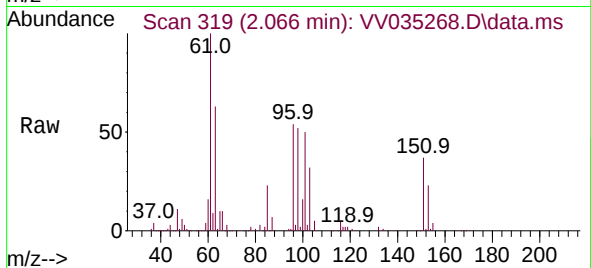




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.940 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV035268.D
 Acq: 17 Apr 2024 15:04

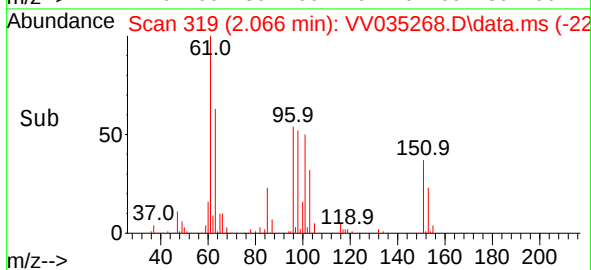
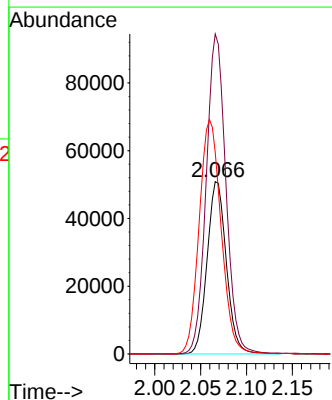
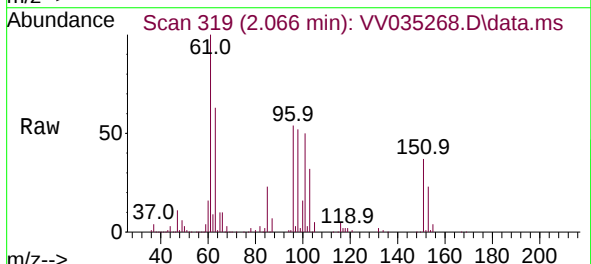
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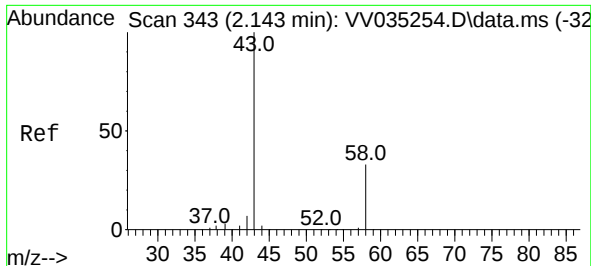
Tgt Ion:101 Resp: 78232
 Ion Ratio Lower Upper
 101 100
 85 45.9 35.8 53.6
 151 72.4 56.2 84.2



#12
 1,1-Dichloroethene
 Concen: 4.895 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV035268.D
 Acq: 17 Apr 2024 15:04

Tgt Ion: 96 Resp: 74271
 Ion Ratio Lower Upper
 96 100
 61 185.7 133.5 247.9
 63 117.0 112.5 208.9





#13

Acetone

Concen: 50.451 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.016 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

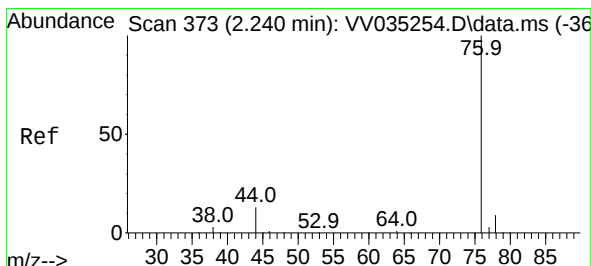
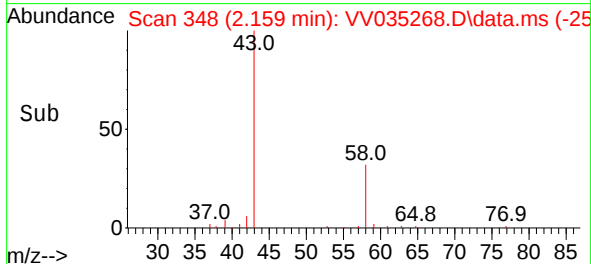
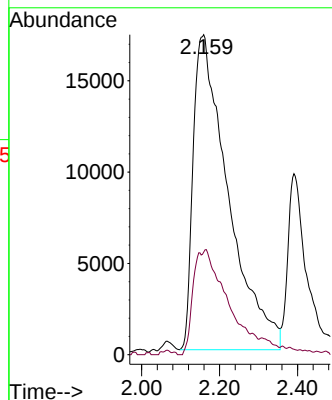
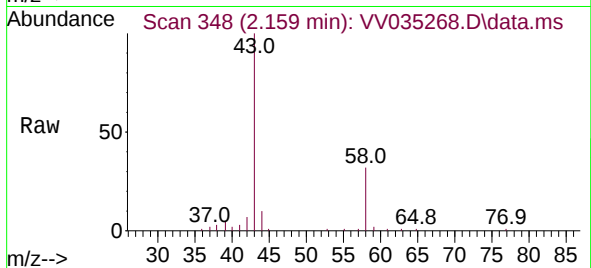
ClientSampleId :

Tgt Ion: 43 Resp: 107614

Ion Ratio Lower Upper

43 100

58 8.4 0.0 39.2



#14

Carbon disulfide

Concen: 5.210 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV035268.D

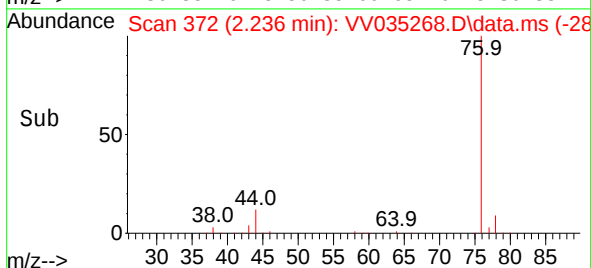
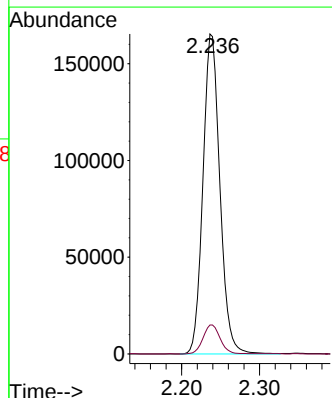
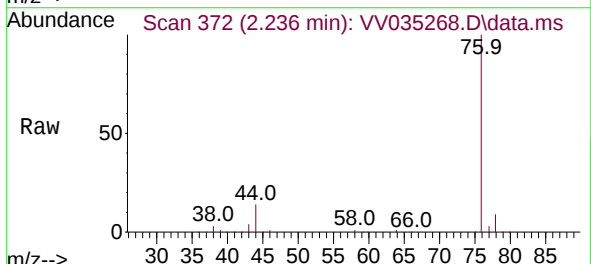
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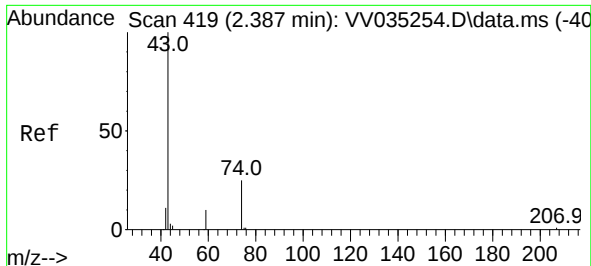
Tgt Ion: 76 Resp: 249353

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8





#15

Methyl Acetate

Concen: 5.488 ug/L

RT: 2.391 min Scan# 419

Delta R.T. 0.003 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

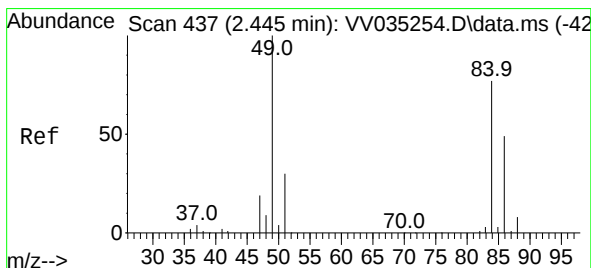
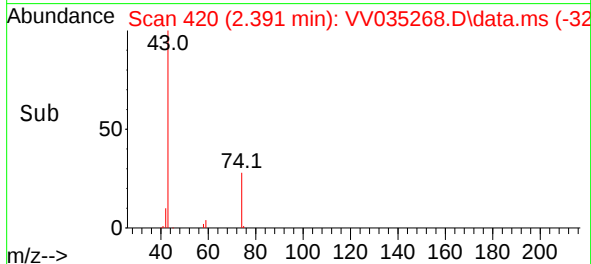
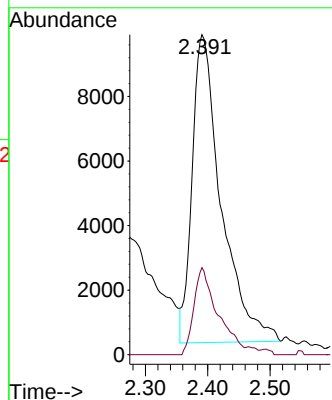
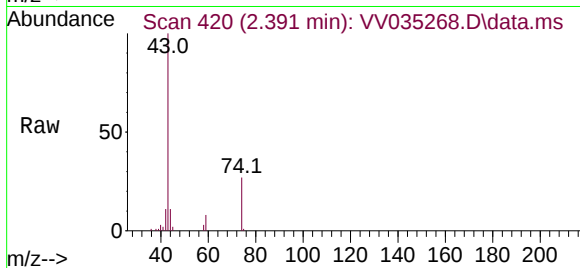
ClientSampleId :

Tgt Ion: 43 Resp: 30837

Ion Ratio Lower Upper

43 100

74 23.3 18.3 27.5



#16

Methylene chloride

Concen: 4.966 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

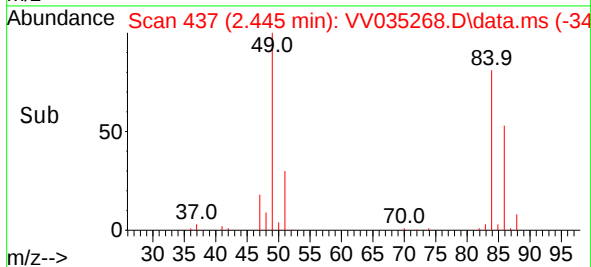
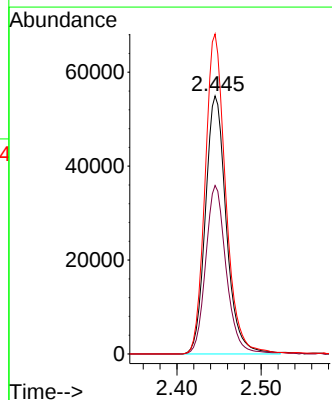
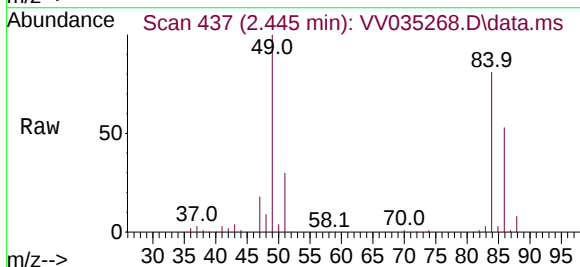
Tgt Ion: 84 Resp: 94897

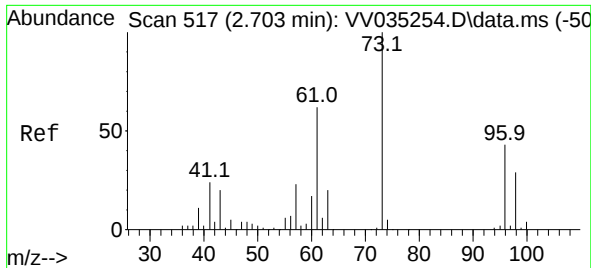
Ion Ratio Lower Upper

84 100

86 65.3 45.6 84.6

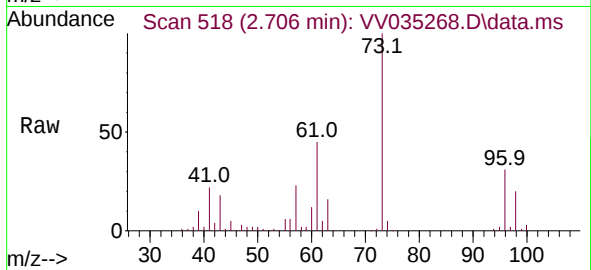
49 124.0 89.5 166.1



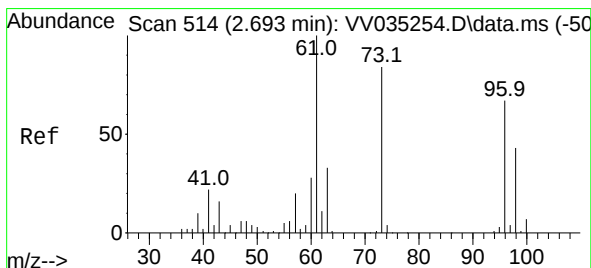
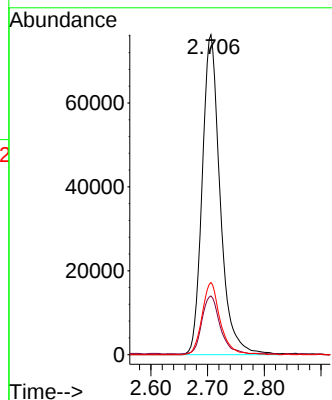
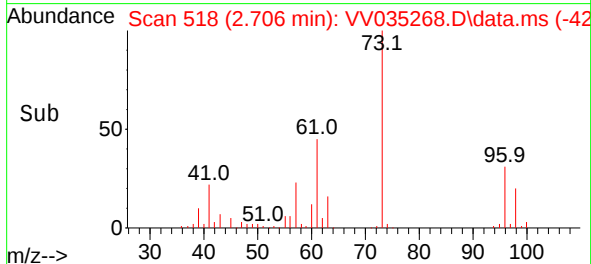


#17
Methyl tert-butyl Ether
Concen: 4.902 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Instrument :
MSVOA_V
ClientSampleId :

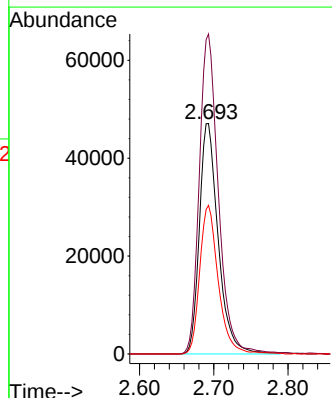
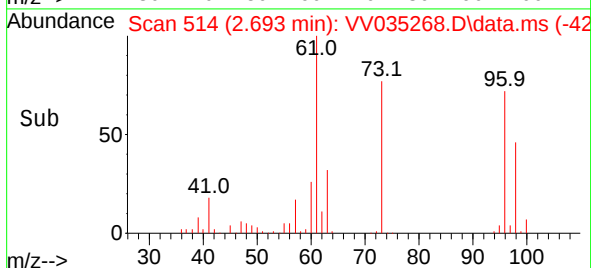
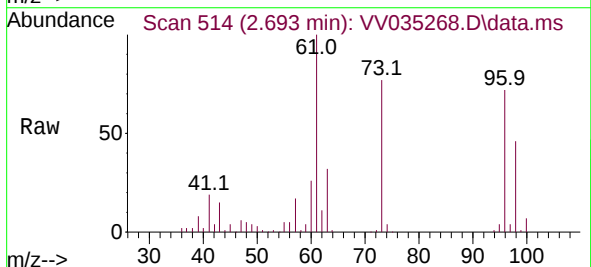


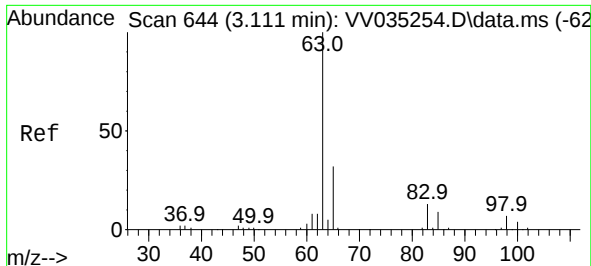
Tgt Ion: 73 Resp: 167884
Ion Ratio Lower Upper
73 100
43 18.3 15.7 23.5
57 22.7 18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 5.359 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Tgt Ion: 96 Resp: 83081
Ion Ratio Lower Upper
96 100
61 138.9 101.8 189.2
98 64.5 44.7 82.9





#19

1,1-Dichloroethane

Concen: 5.252 ug/L

RT: 3.108 min Scan# 644

Delta R.T. -0.003 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

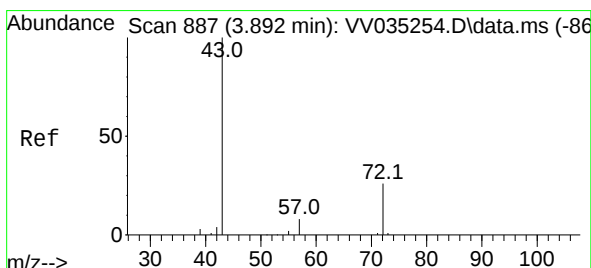
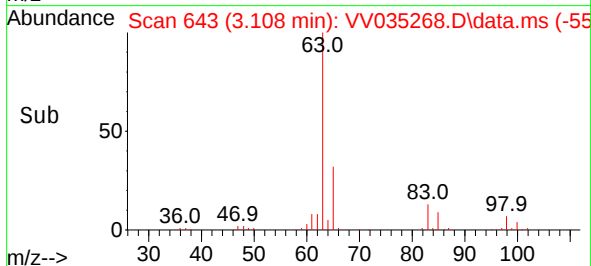
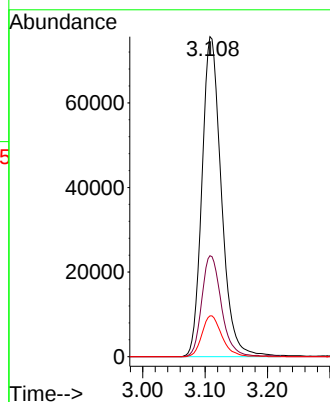
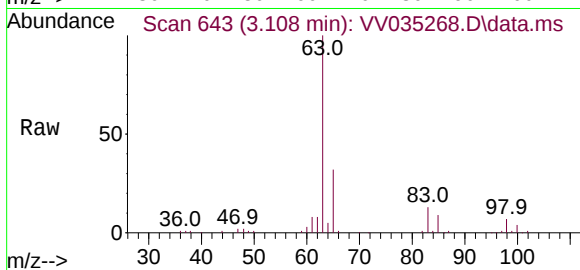
Tgt Ion: 63 Resp: 163773

Ion Ratio Lower Upper

63 100

65 31.5 22.2 41.2

83 12.8 9.4 17.4



#21

2-Butanone

Concen: 40.700 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.013 min

Lab File: VV035268.D

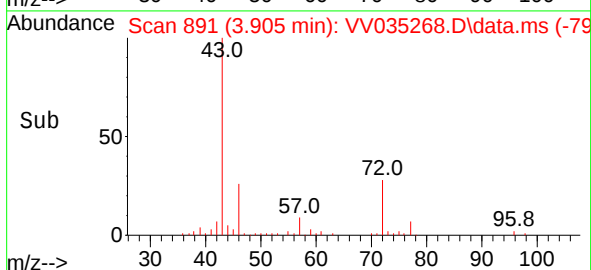
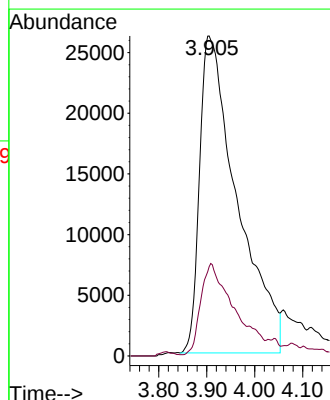
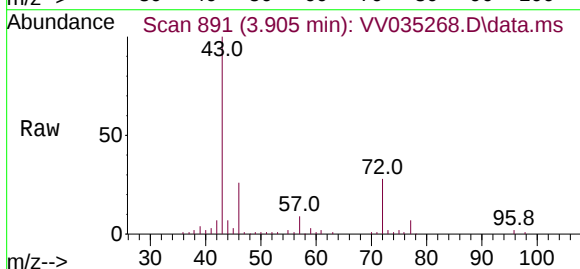
Acq: 17 Apr 2024 15:04

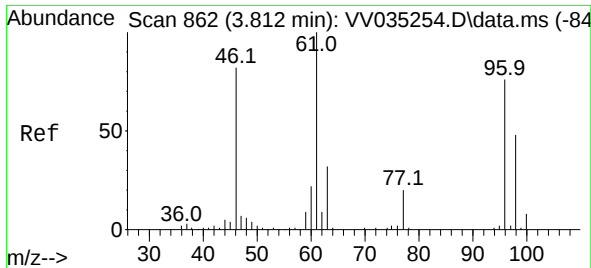
Tgt Ion: 43 Resp: 142098

Ion Ratio Lower Upper

43 100

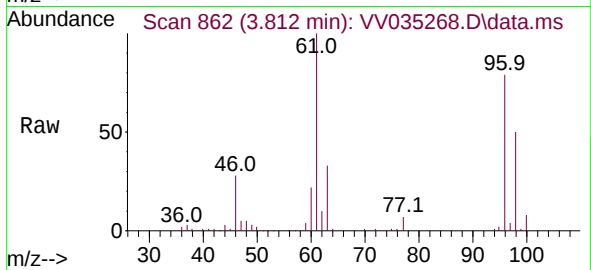
72 25.5 6.3 18.8#



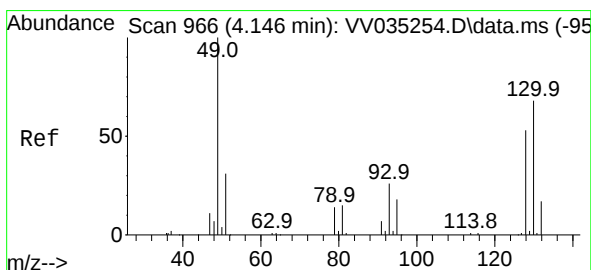
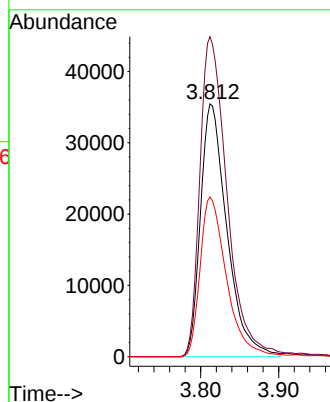
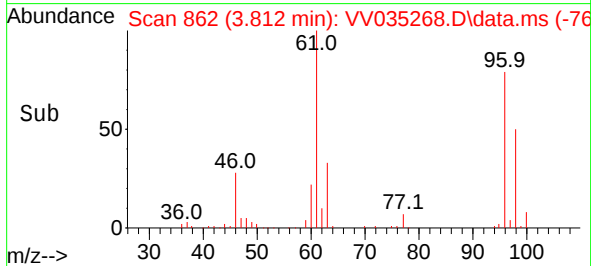


#22
 cis-1,2-Dichloroethene
 Concen: 5.241 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. 0.000 min
 Lab File: VV035268.D
 Acq: 17 Apr 2024 15:04

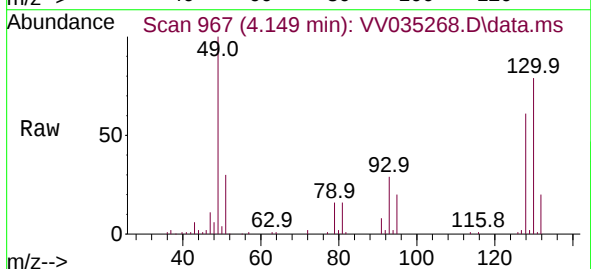
Instrument :
 MSVOA_V
 ClientSampleId :



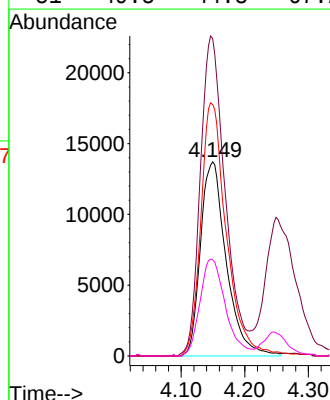
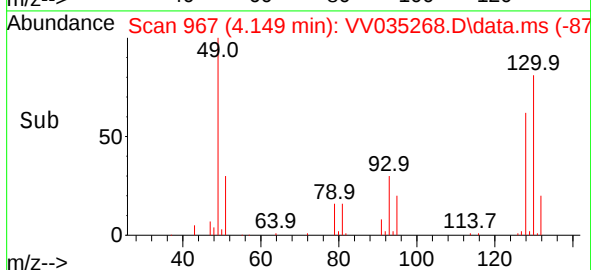
Tgt Ion: 96 Resp: 83542
 Ion Ratio Lower Upper
 96 100
 61 126.5 92.8 172.4
 98 63.2 45.5 84.5

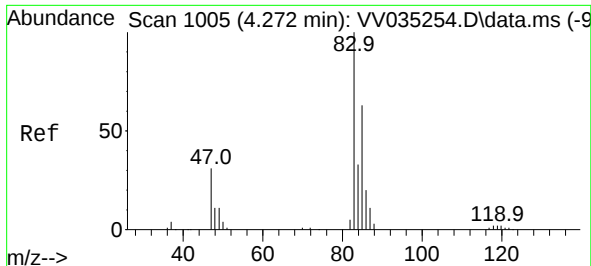


#23
 Bromochloromethane
 Concen: 5.342 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. 0.003 min
 Lab File: VV035268.D
 Acq: 17 Apr 2024 15:04



Tgt Ion: 128 Resp: 38513
 Ion Ratio Lower Upper
 128 100
 49 163.5 119.8 222.4
 130 129.7 85.2 158.2
 51 49.5 44.8 67.2





#25

Chloroform

Concen: 5.349 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

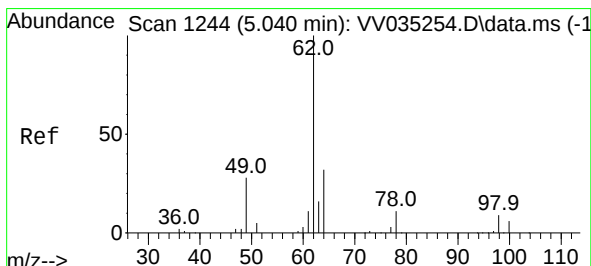
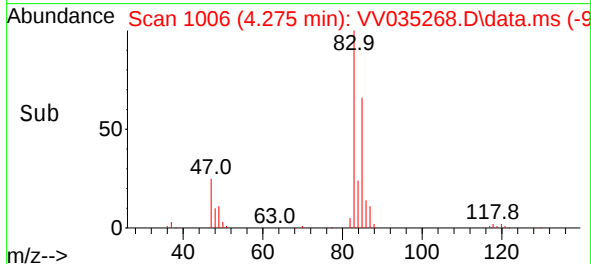
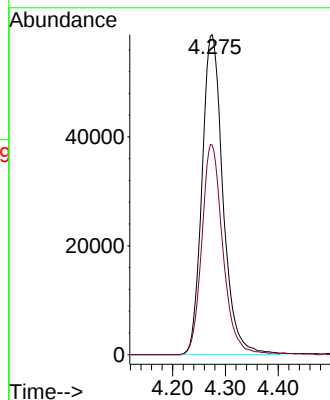
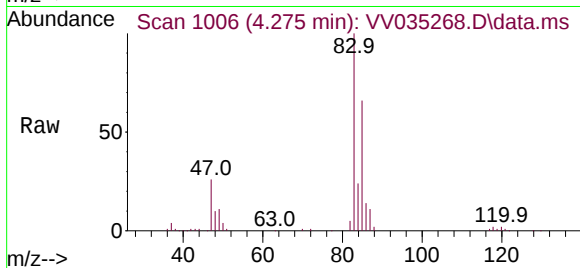
ClientSampleId :

Tgt Ion: 83 Resp: 162187

Ion Ratio Lower Upper

83 100

85 65.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 5.086 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VV035268.D

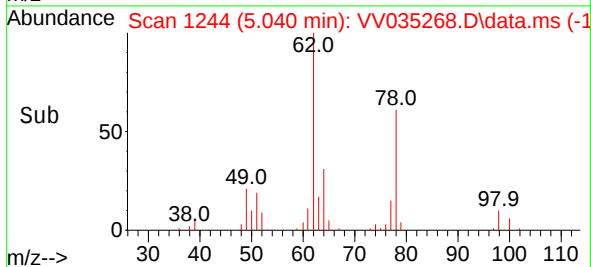
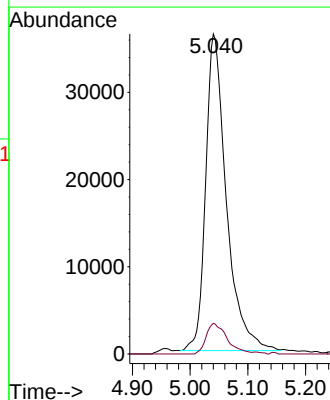
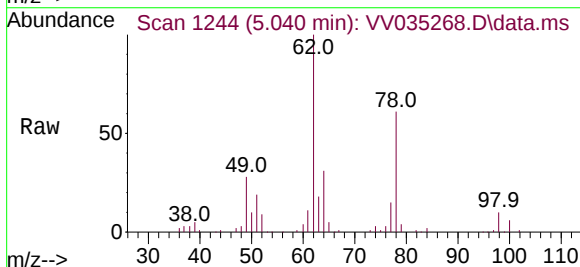
Acq: 17 Apr 2024 15:04

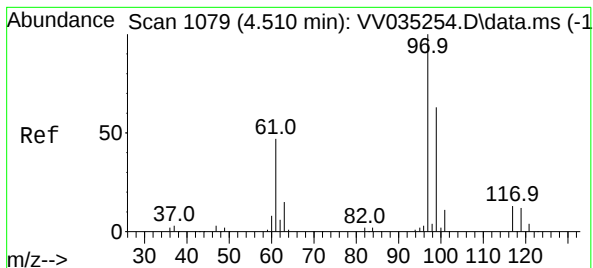
Tgt Ion: 62 Resp: 90426

Ion Ratio Lower Upper

62 100

98 9.6 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 5.306 ug/L

RT: 4.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

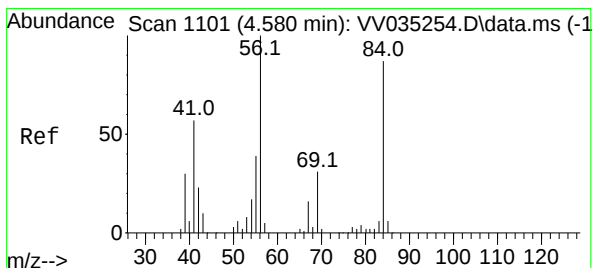
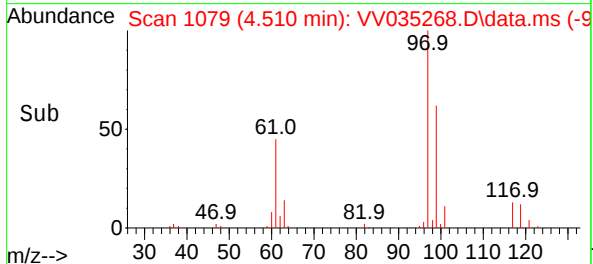
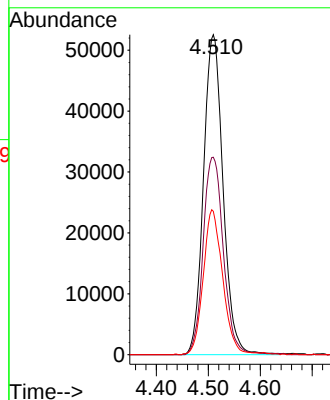
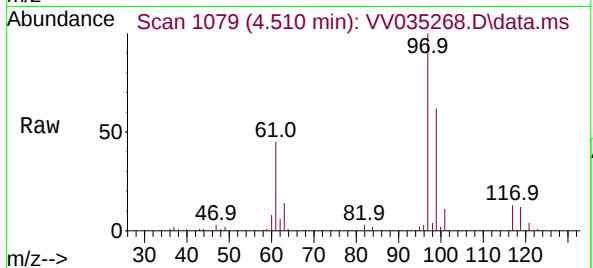
Tgt Ion: 97 Resp: 137536

Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 45.1 38.3 57.5



#30

Cyclohexane

Concen: 4.903 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

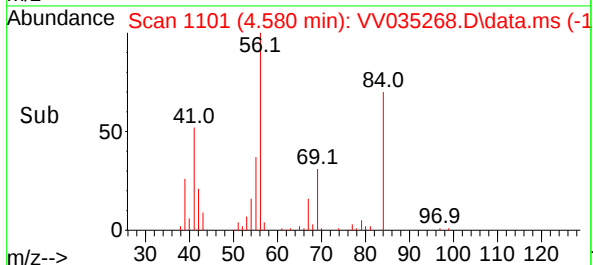
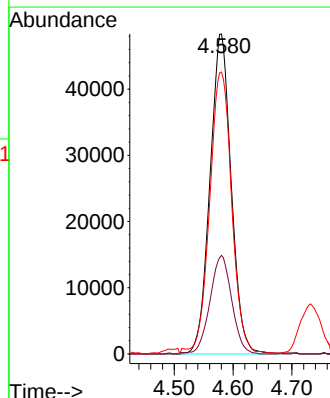
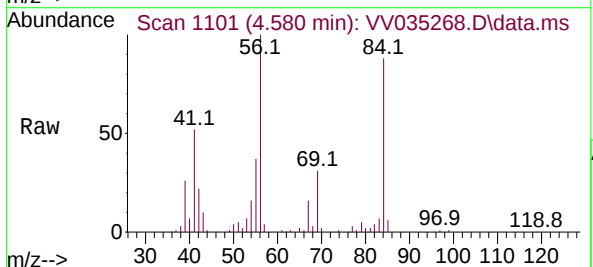
Tgt Ion: 56 Resp: 121082

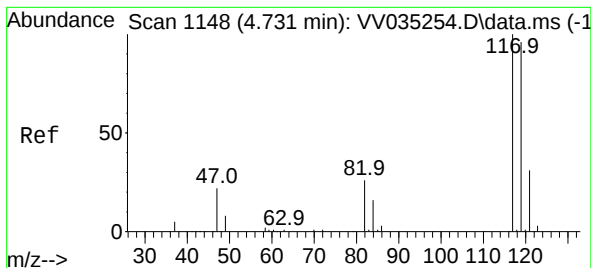
Ion Ratio Lower Upper

56 100

69 31.5 24.8 37.2

84 90.5 69.4 104.2





#31

Carbon tetrachloride

Concen: 5.288 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

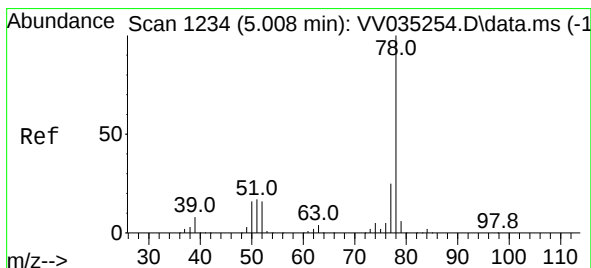
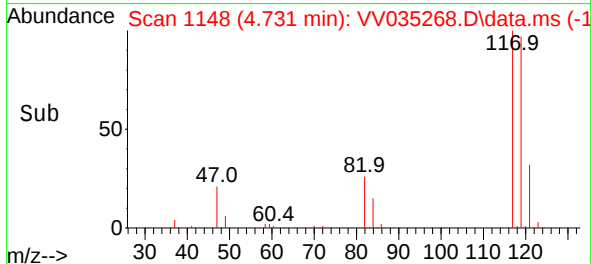
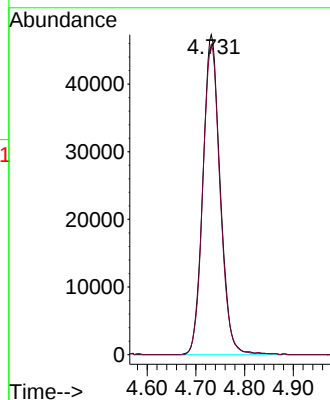
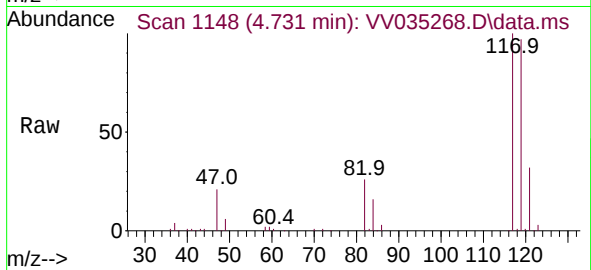
ClientSampleId :

Tgt Ion:117 Resp: 116970

Ion Ratio Lower Upper

117 100

119 96.5 77.0 115.6



#33

Benzene

Concen: 5.257 ug/L

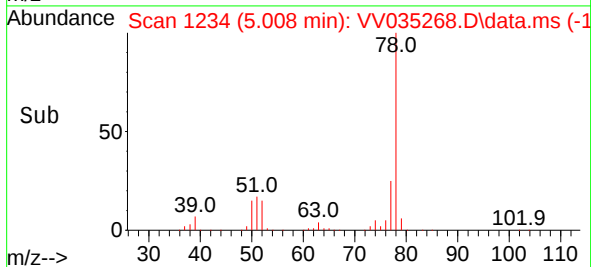
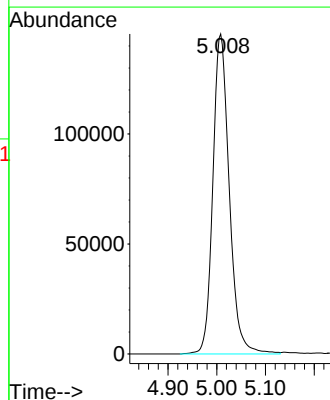
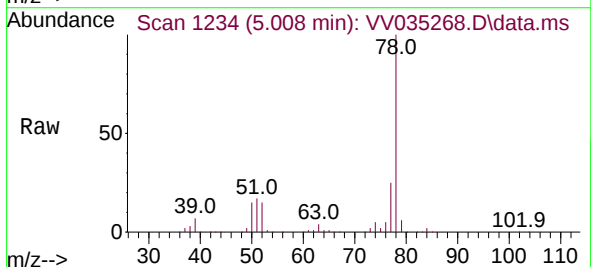
RT: 5.008 min Scan# 1234

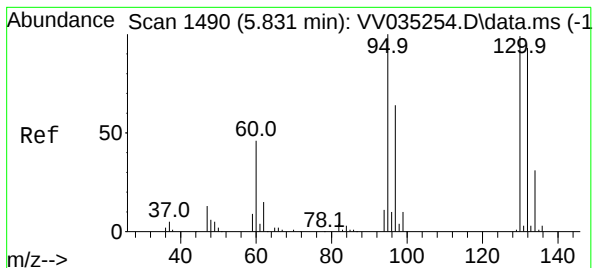
Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Tgt Ion: 78 Resp: 340360





#34

Trichloroethene

Concen: 5.206 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

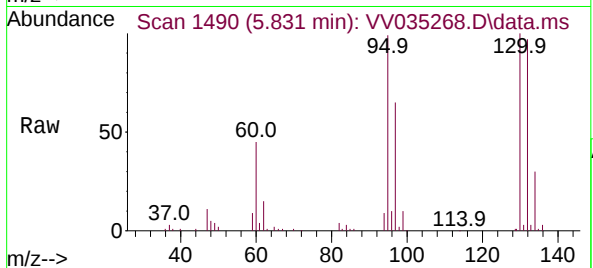
Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 88664

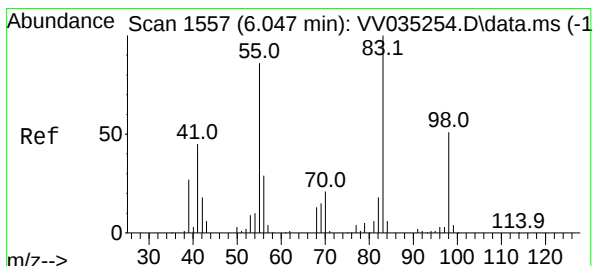
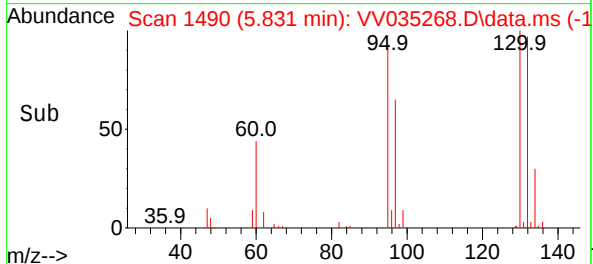
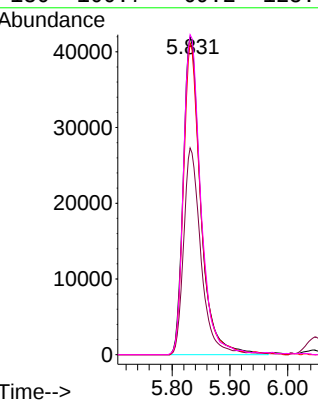
Ion Ratio Lower Upper

95 100

97 65.1 44.7 82.9

132 98.1 64.8 120.3

130 100.7 69.2 128.4



#35

Methylcyclohexane

Concen: 5.104 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

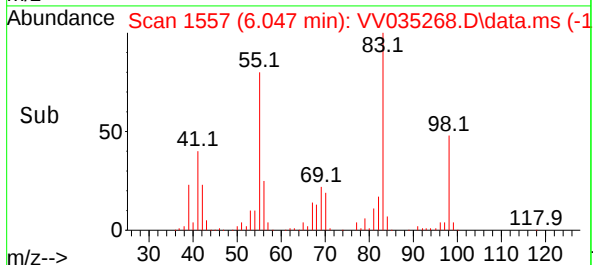
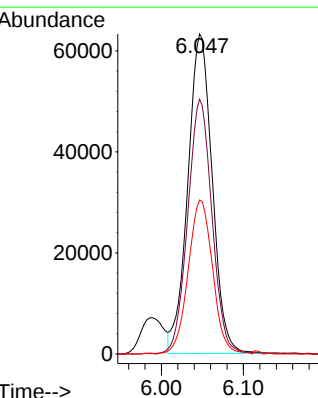
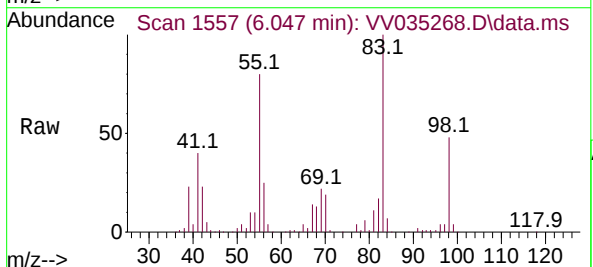
Tgt Ion: 83 Resp: 130949

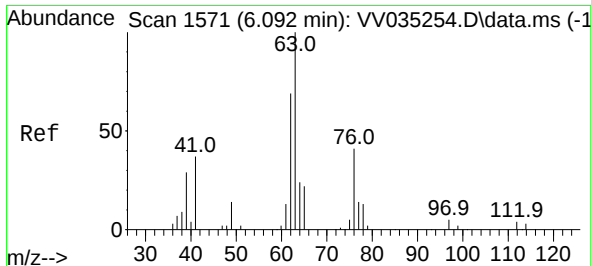
Ion Ratio Lower Upper

83 100

55 78.8 63.8 95.6

98 48.2 37.4 56.2

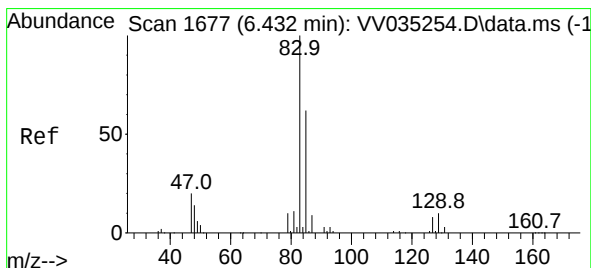
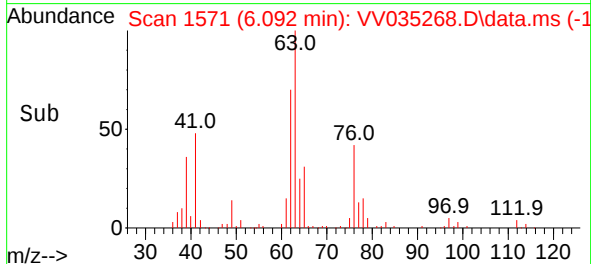
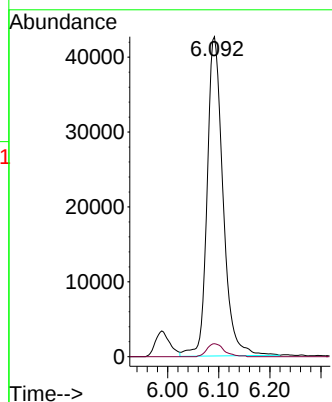
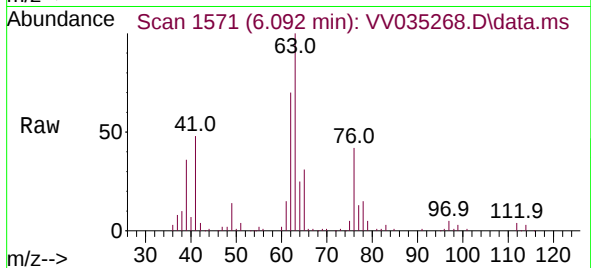




#37
1,2-Dichloropropane
Concen: 5.375 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

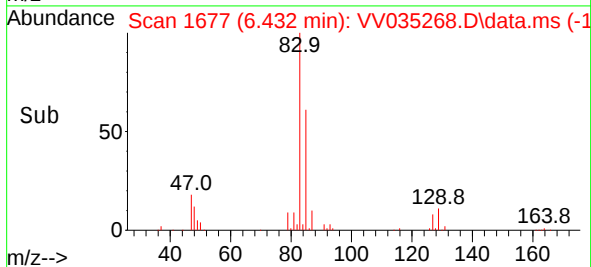
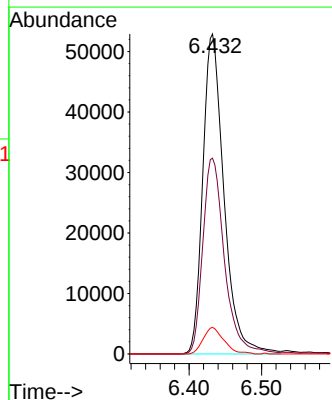
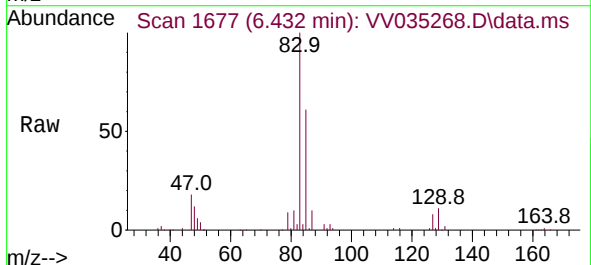
Instrument :
MSVOA_V
ClientSampleId :

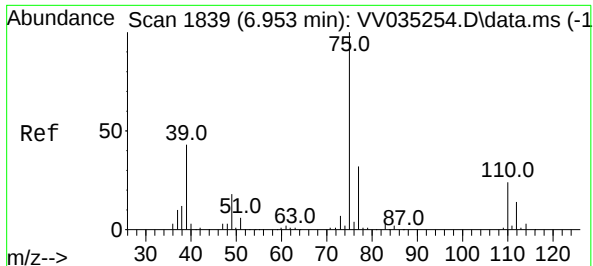
Tgt Ion: 63 Resp: 92038
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 5.151 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Tgt Ion: 83 Resp: 107373
Ion Ratio Lower Upper
83 100
85 61.2 43.8 81.4
127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.757 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

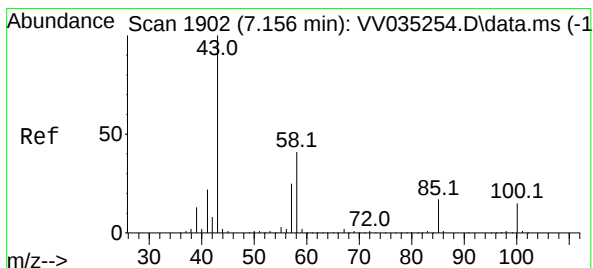
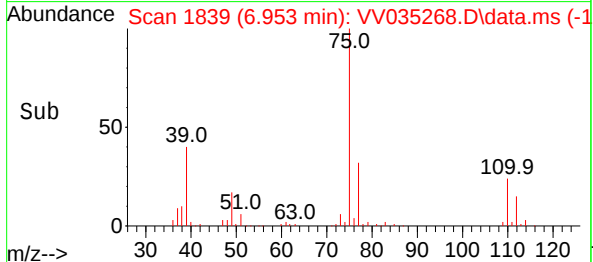
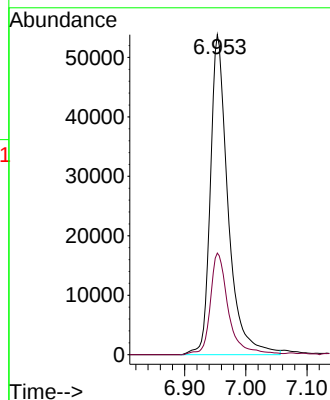
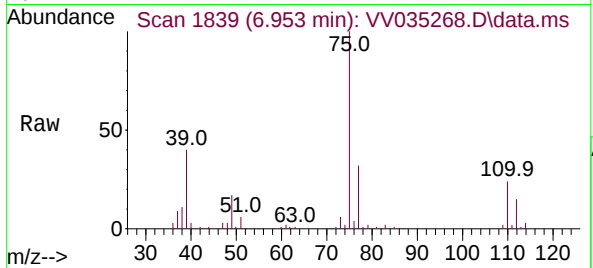
ClientSampleId :

Tgt Ion: 75 Resp: 108263

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 43.860 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

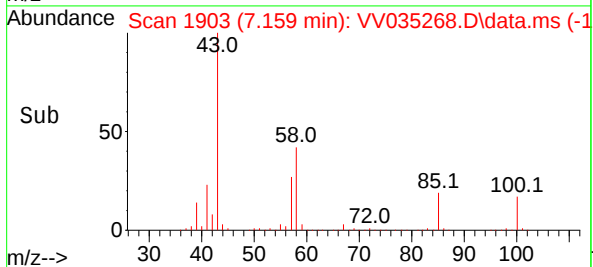
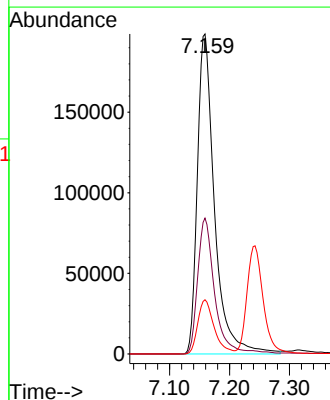
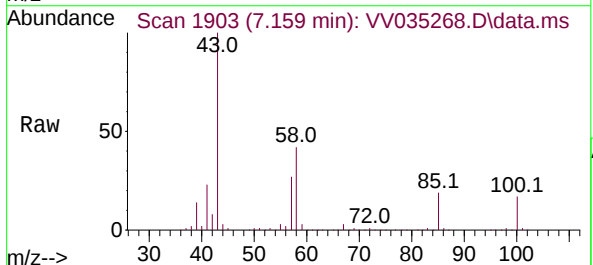
Tgt Ion: 43 Resp: 395659

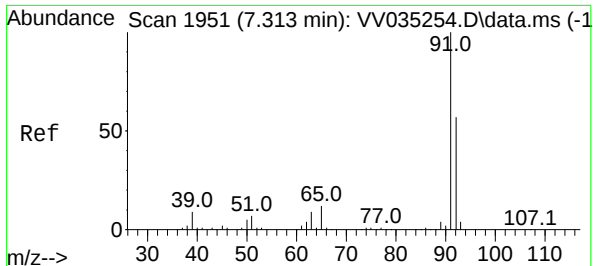
Ion Ratio Lower Upper

43 100

58 42.1 33.4 50.0

100 16.2 10.6 15.8#





#42

Toluene

Concen: 5.439 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

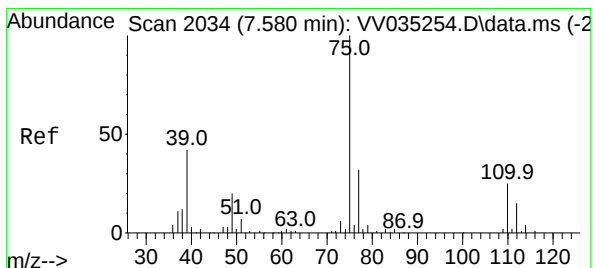
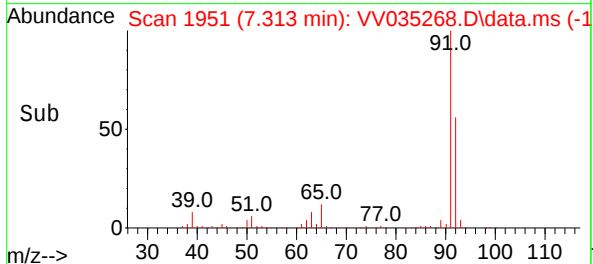
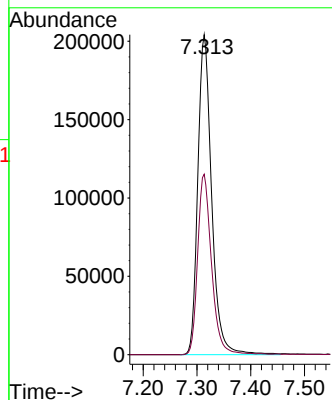
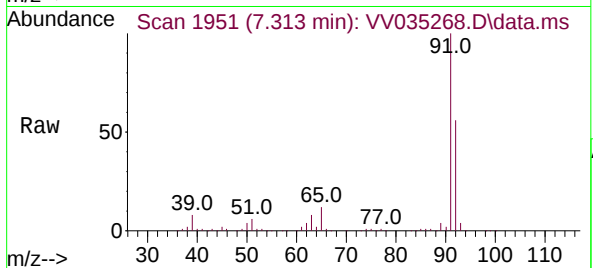
ClientSampleId :

Tgt Ion: 91 Resp: 365272

Ion Ratio Lower Upper

91 100

92 56.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.763 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV035268.D

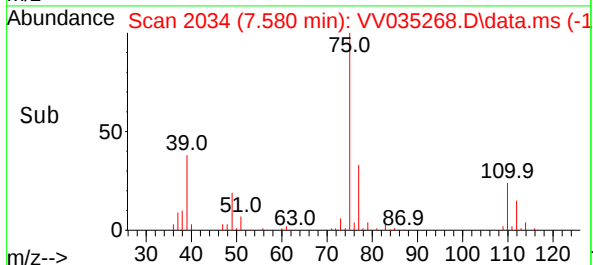
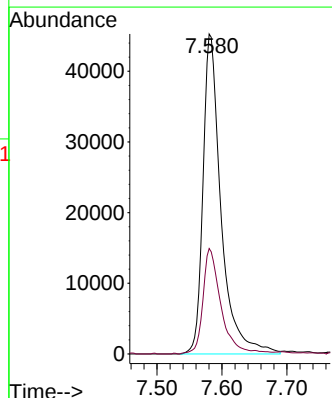
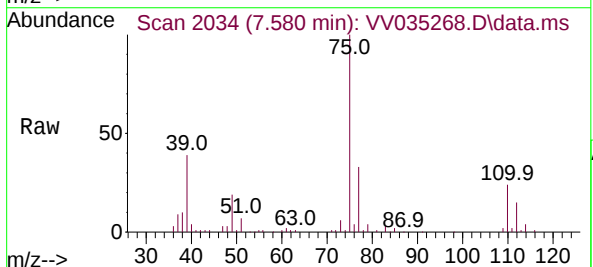
Acq: 17 Apr 2024 15:04

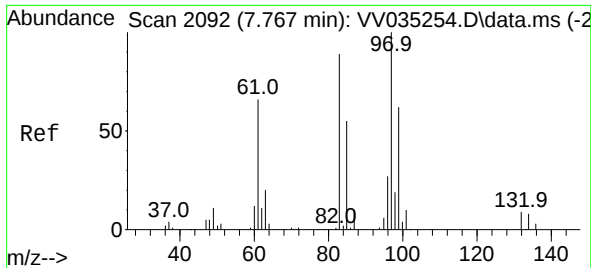
Tgt Ion: 75 Resp: 87643

Ion Ratio Lower Upper

75 100

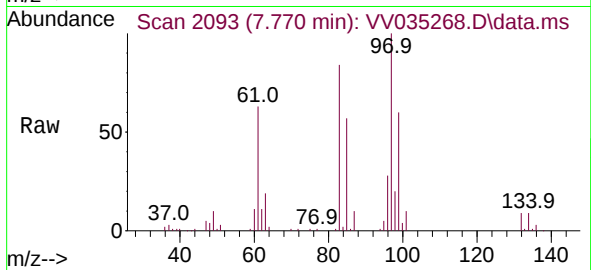
77 33.0 22.3 41.3



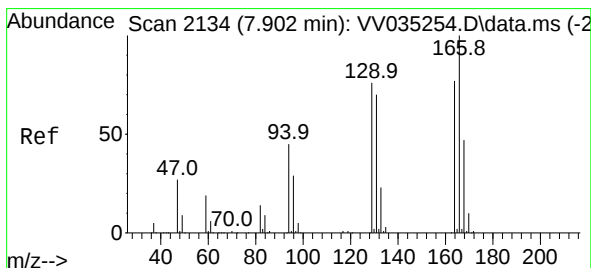
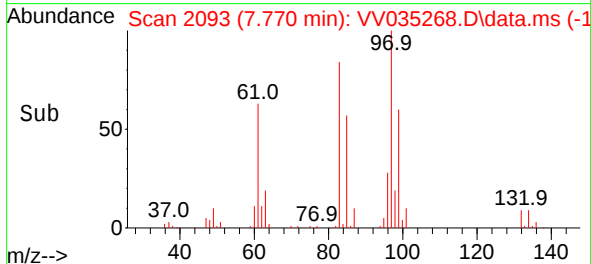
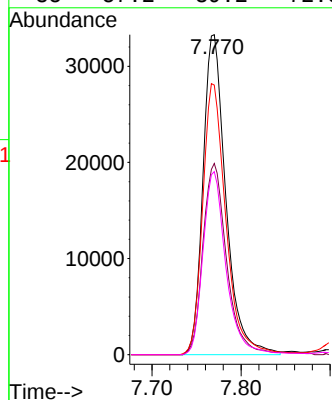


#45
1,1,2-Trichloroethane
Concen: 4.998 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Instrument :
MSVOA_V
ClientSampleId :

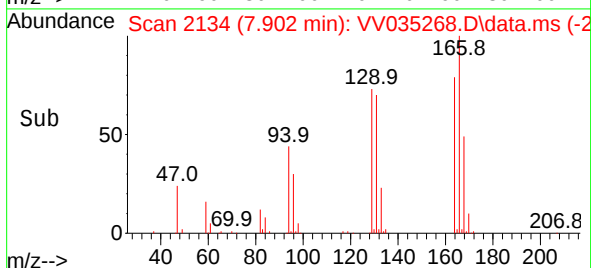
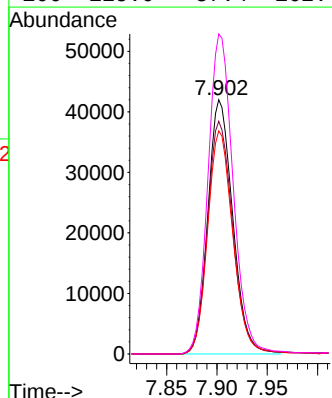
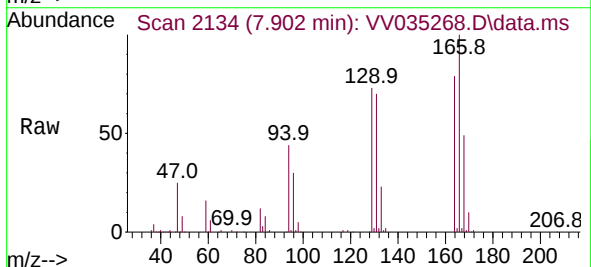


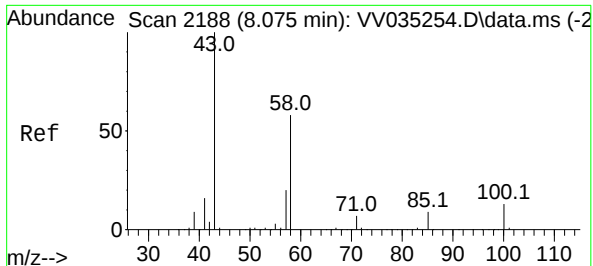
Tgt Ion:	97	Resp:	59378
Ion	Ratio	Lower	Upper
97	100		
99	59.7	44.2	82.2
83	84.2	60.2	111.8
85	57.2	39.2	72.8



#47
Tetrachloroethene
Concen: 5.351 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Tgt Ion:	164	Resp:	72290
Ion	Ratio	Lower	Upper
164	100		
129	91.5	65.3	121.3
131	87.8	60.9	113.1
166	125.9	87.4	162.4



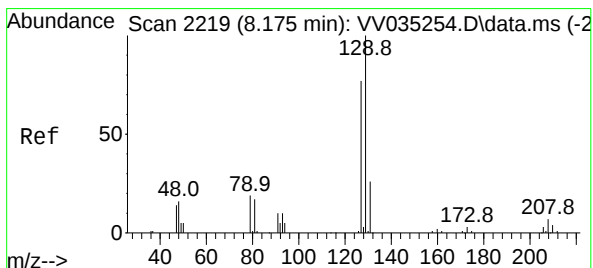
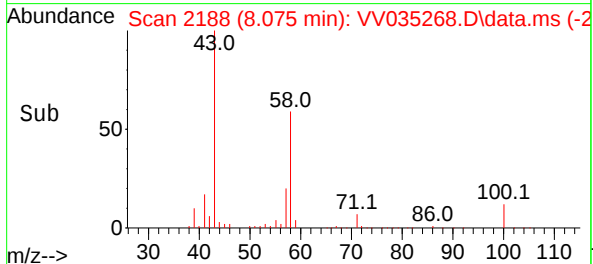
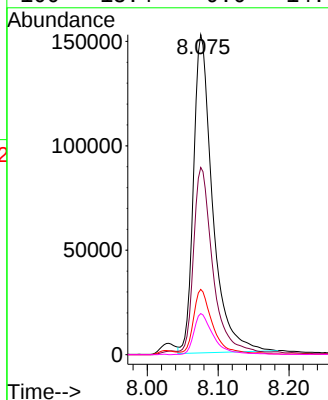
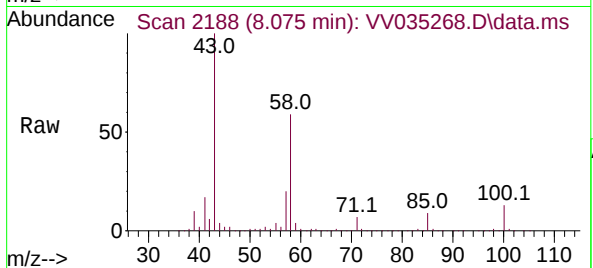


#48
2-Hexanone
Concen: 42.890 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 286221

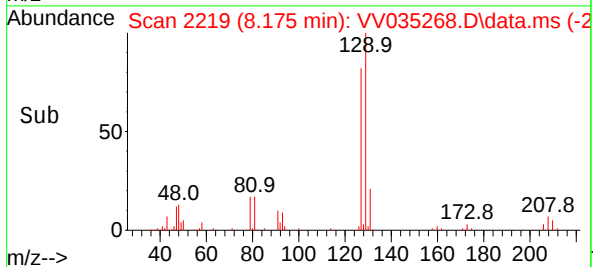
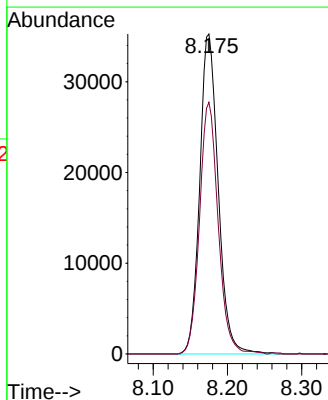
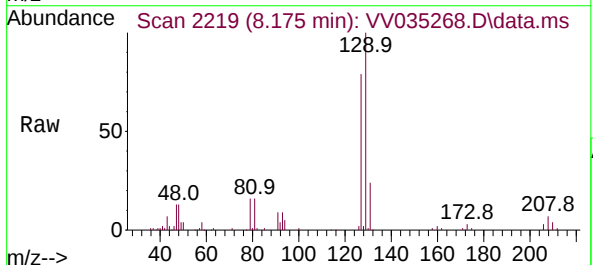
Ion	Ratio	Lower	Upper
43	100		
58	58.1	45.2	67.8
57	19.5	15.5	23.3
100	13.4	9.6	14.4

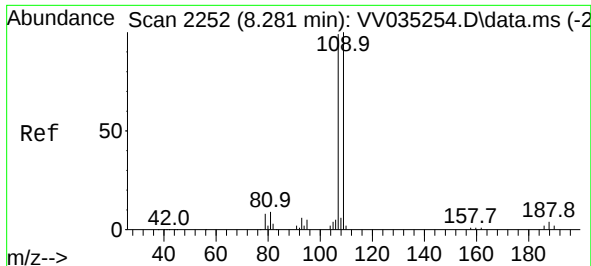


#49
Dibromochloromethane
Concen: 4.973 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Tgt Ion: 129 Resp: 61029

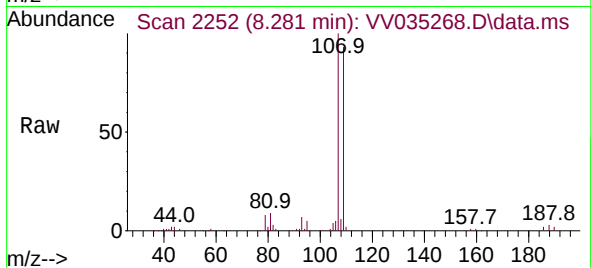
Ion	Ratio	Lower	Upper
129	100		
127	78.7	55.2	102.6



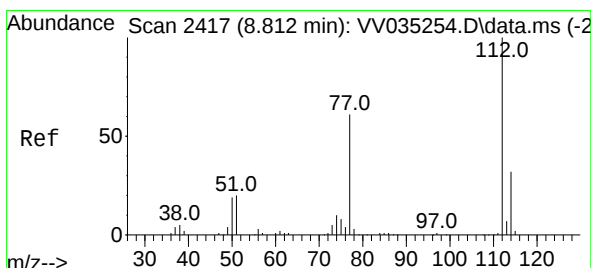
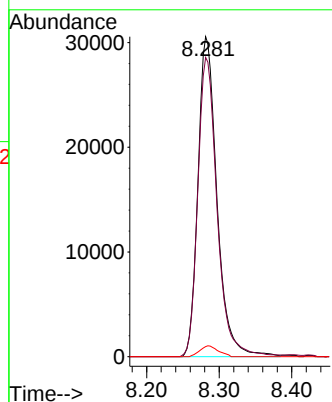
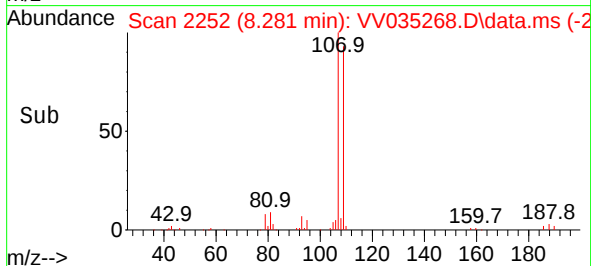


#50
1,2-Dibromoethane
Concen: 4.991 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Instrument :
MSVOA_V
ClientSampleId :

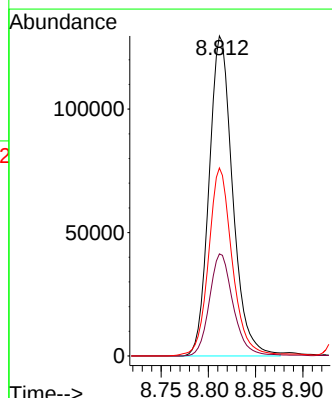
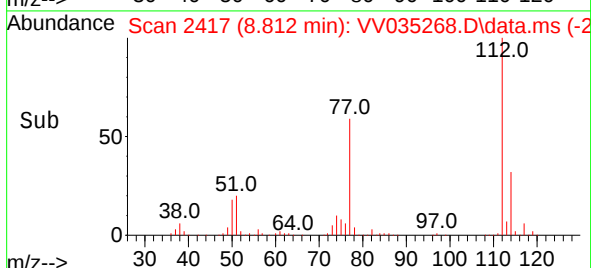
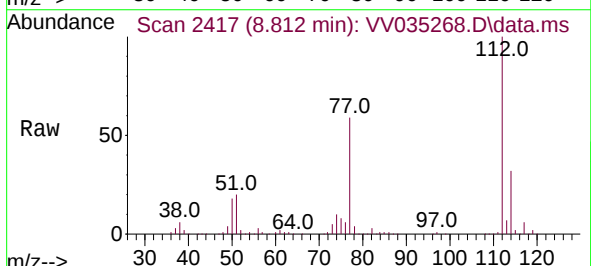


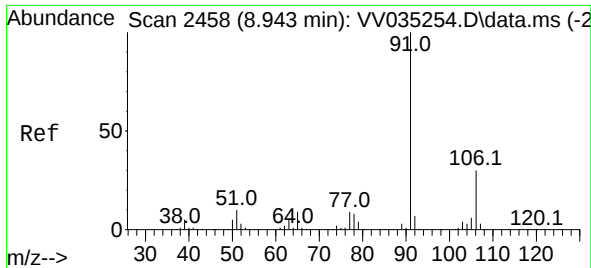
Tgt Ion:107 Resp: 55689
Ion Ratio Lower Upper
107 100
109 93.5 69.1 128.3
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 5.183 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Tgt Ion:112 Resp: 225268
Ion Ratio Lower Upper
112 100
114 31.9 22.0 41.0
77 58.7 49.0 73.6

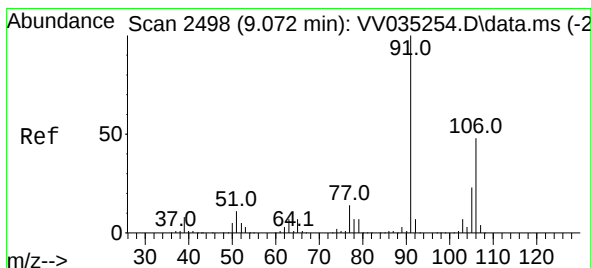
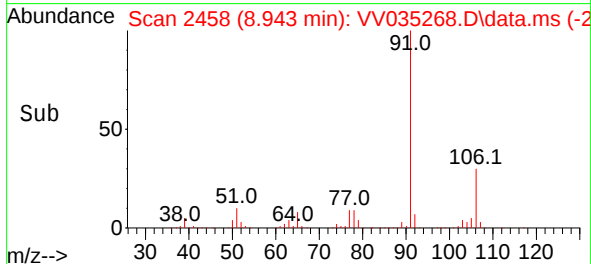
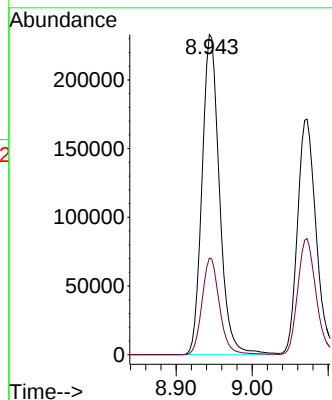
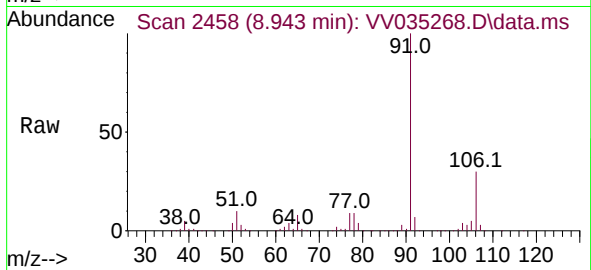




#52
Ethylbenzene
Concen: 5.170 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

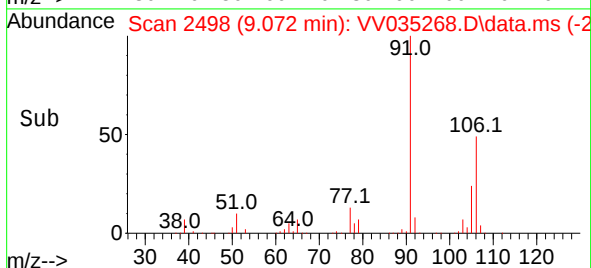
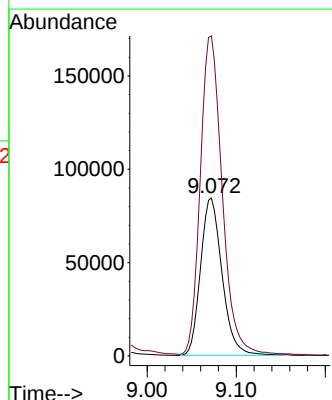
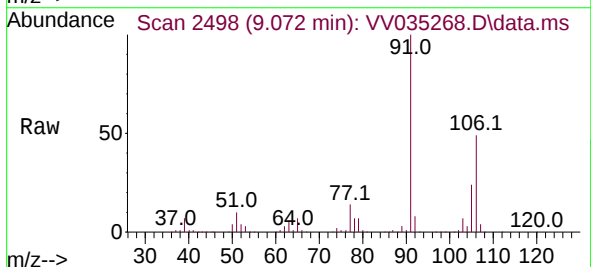
Instrument :
MSVOA_V
ClientSampleId :

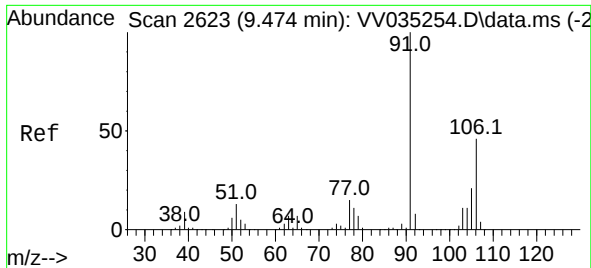
Tgt Ion: 91 Resp: 371972
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



#53
m,p-Xylene
Concen: 5.344 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Tgt Ion: 106 Resp: 141648
Ion Ratio Lower Upper
106 100
91 202.7 147.1 273.3

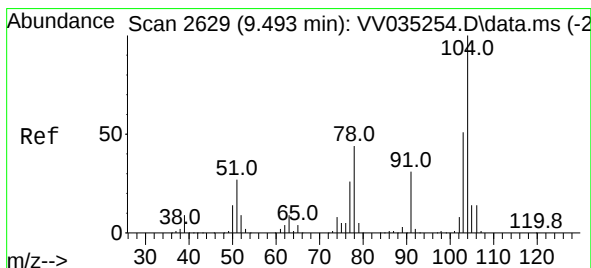
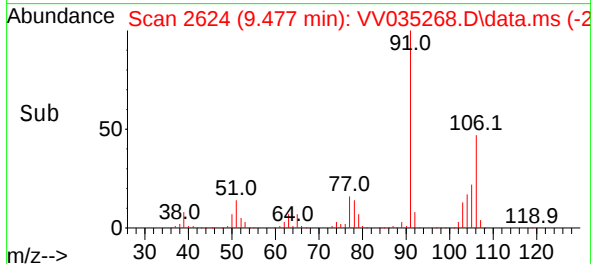
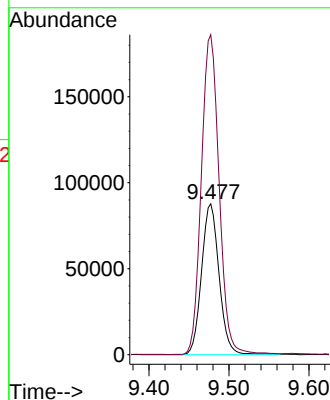
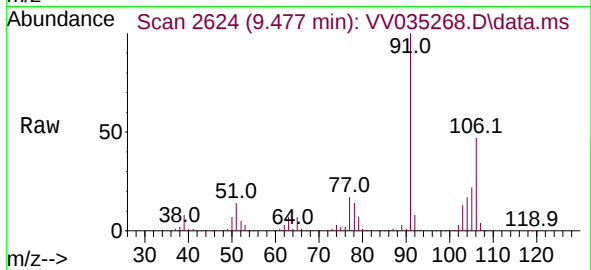




#54
o-Xylene
Concen: 5.239 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

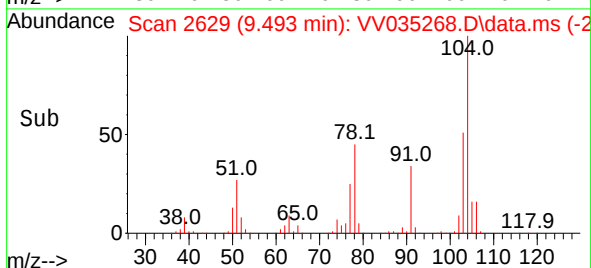
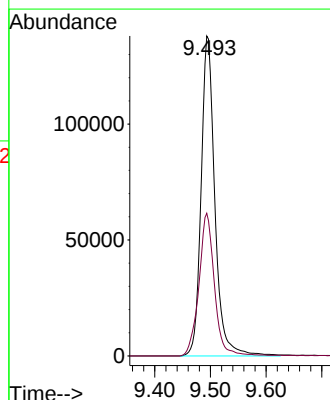
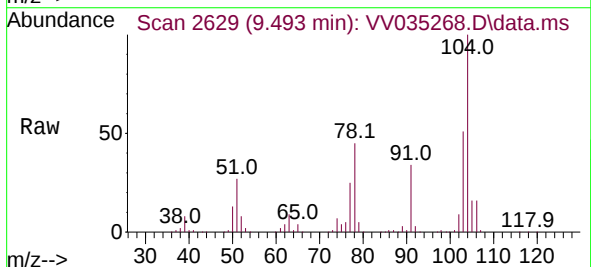
Instrument :
MSVOA_V
ClientSampleId :

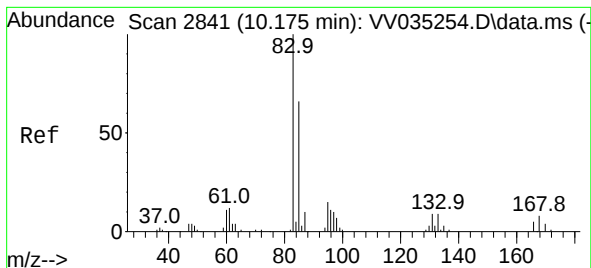
Tgt Ion:106 Resp: 134025
Ion Ratio Lower Upper
106 100
91 212.2 157.7 292.9



#55
Styrene
Concen: 5.526 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Tgt Ion:104 Resp: 237871
Ion Ratio Lower Upper
104 100
78 44.6 32.4 60.2

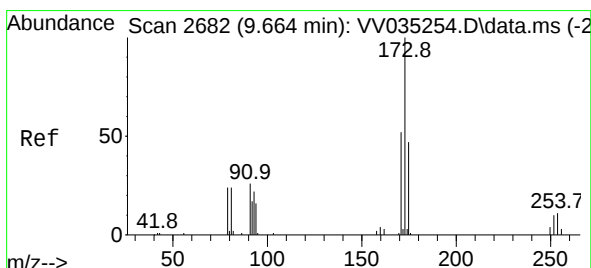
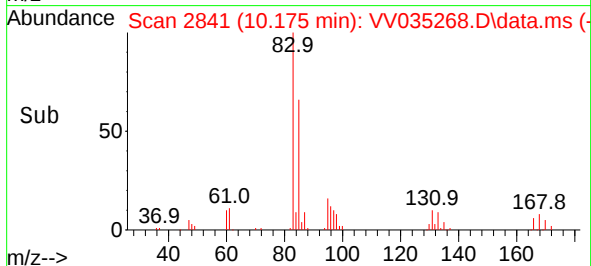
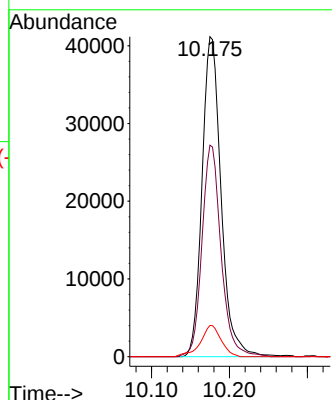
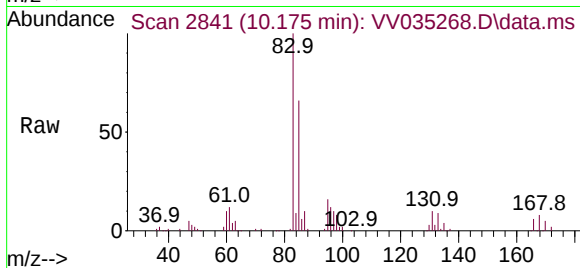




#57
1,1,2,2-Tetrachloroethane
Concen: 4.797 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

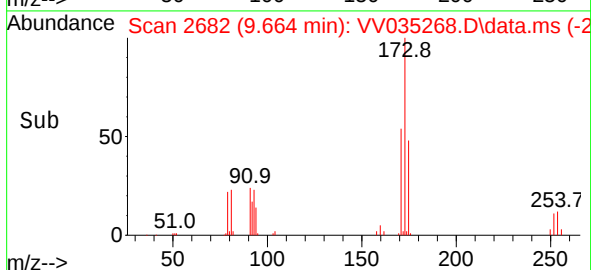
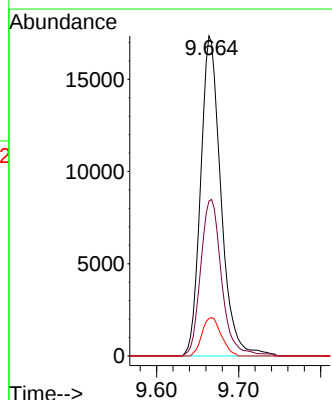
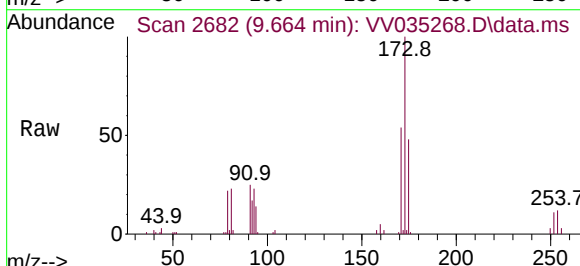
Instrument :
MSVOA_V
ClientSampleId :

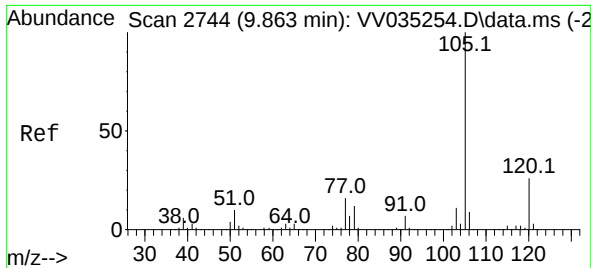
Tgt Ion: 83 Resp: 69837
Ion Ratio Lower Upper
83 100
85 66.1 44.9 83.5
131 9.7 7.8 11.6



#59
Bromoform
Concen: 4.603 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Tgt Ion: 173 Resp: 29814
Ion Ratio Lower Upper
173 100
175 50.5 38.6 57.8
254 11.4 8.2 12.2

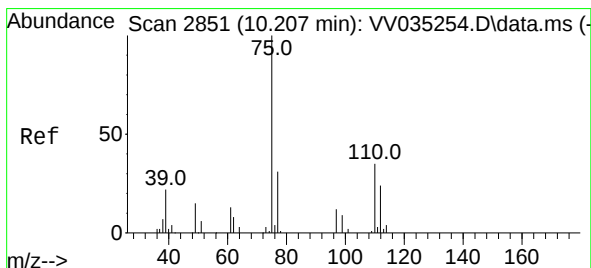
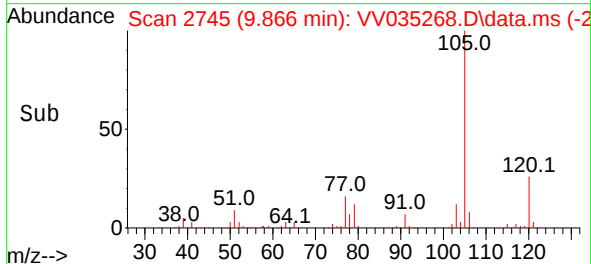
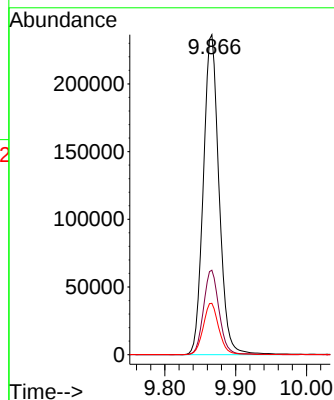
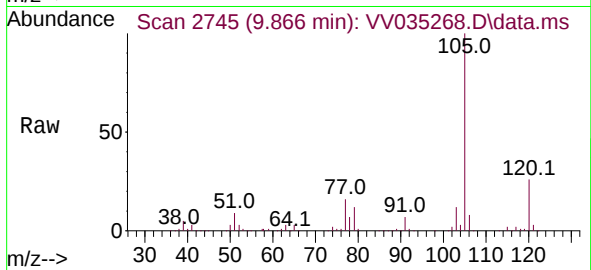




#60
Isopropylbenzene
Concen: 5.197 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

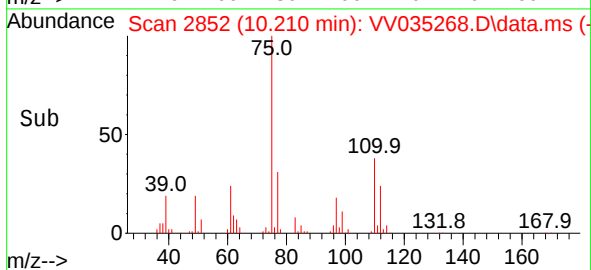
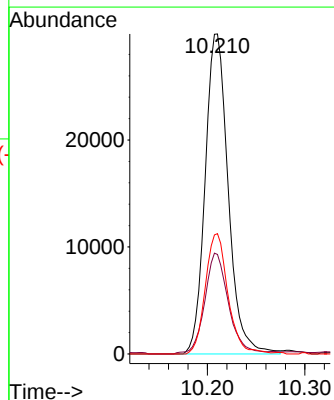
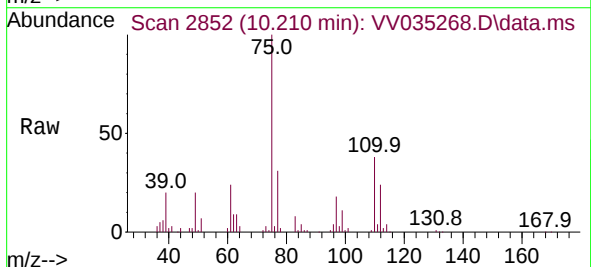
Instrument :
MSVOA_V
ClientSampleId :

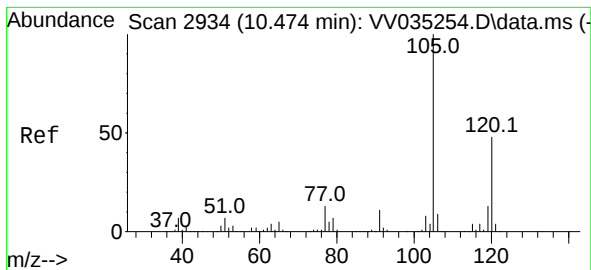
Tgt Ion:105 Resp: 363029
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 16.1 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 4.512 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035268.D
Acq: 17 Apr 2024 15:04

Tgt Ion: 75 Resp: 49262
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
110 36.8 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 4.977 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

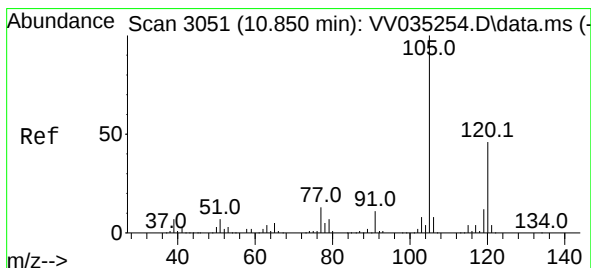
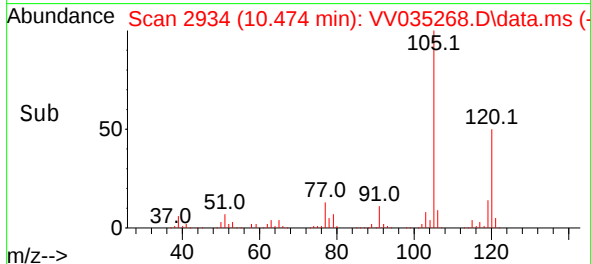
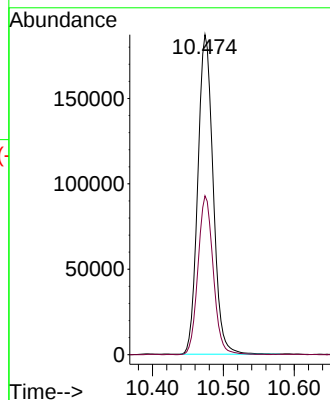
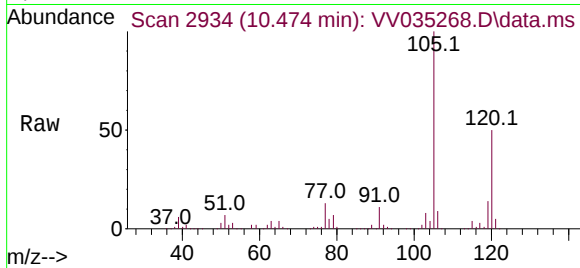
ClientSampleId :

Tgt Ion:105 Resp: 280744

Ion Ratio Lower Upper

105 100

120 49.7 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 5.050 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035268.D

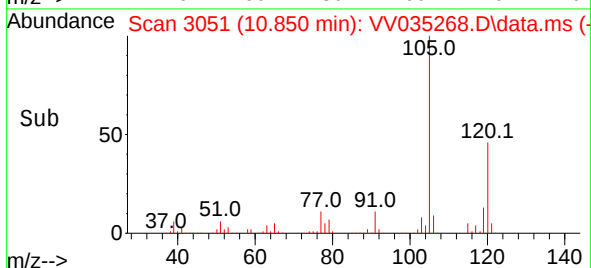
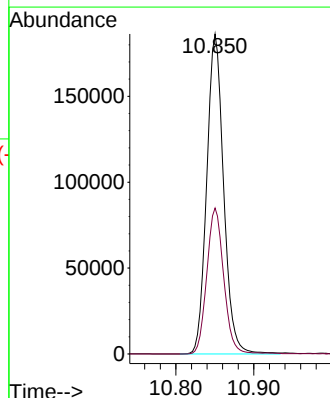
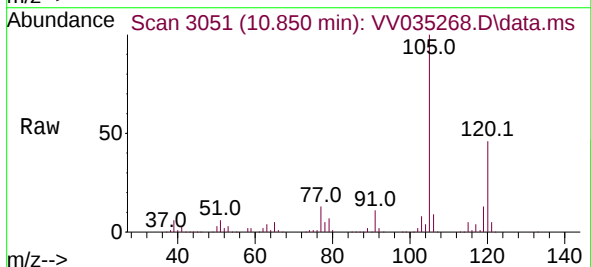
Acq: 17 Apr 2024 15:04

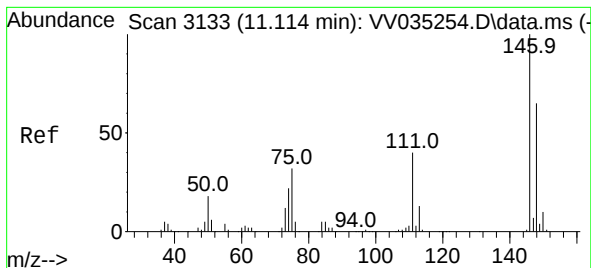
Tgt Ion:105 Resp: 281445

Ion Ratio Lower Upper

105 100

120 45.8 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 5.229 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

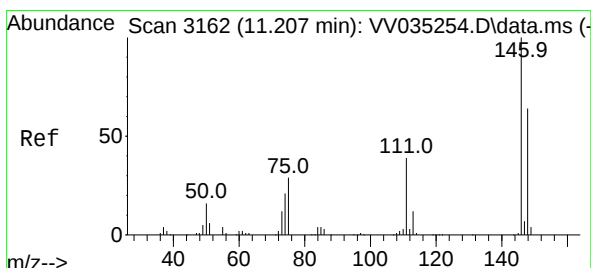
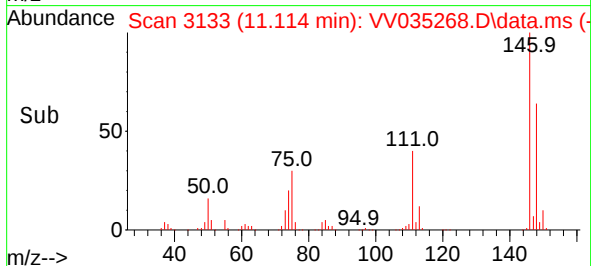
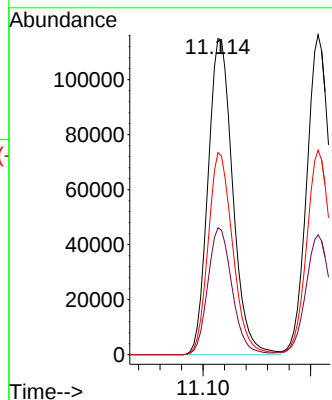
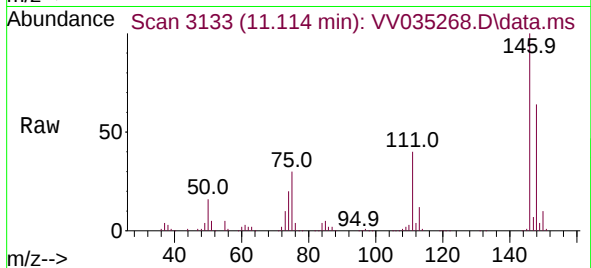
Tgt Ion:146 Resp: 183815

Ion Ratio Lower Upper

146 100

111 40.1 27.6 51.2

148 63.9 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.062 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

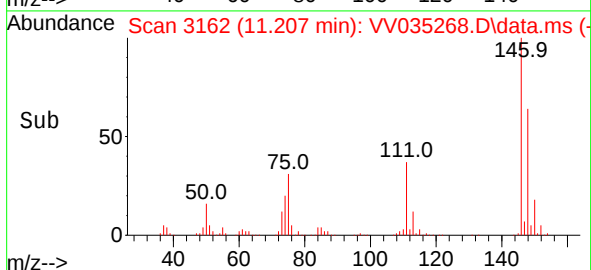
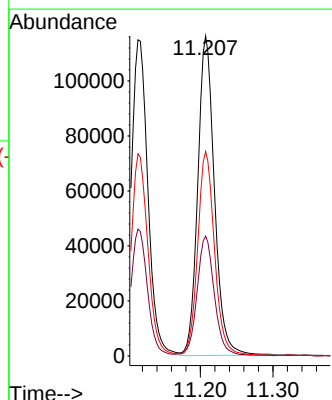
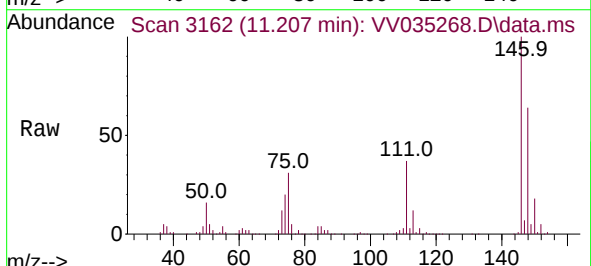
Tgt Ion:146 Resp: 185876

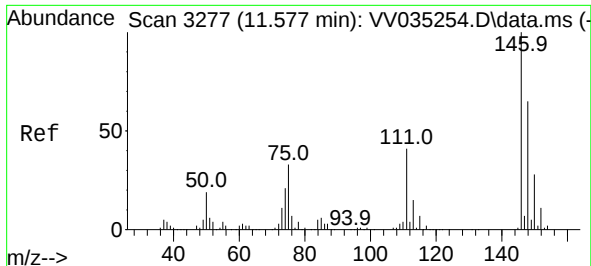
Ion Ratio Lower Upper

146 100

111 37.5 27.1 50.3

148 63.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.994 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

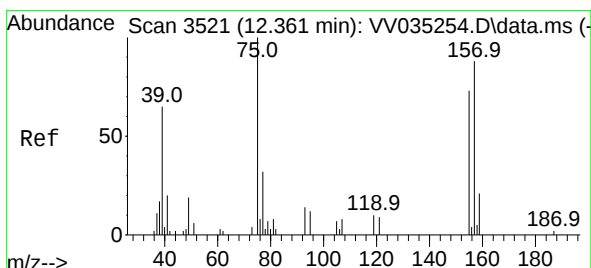
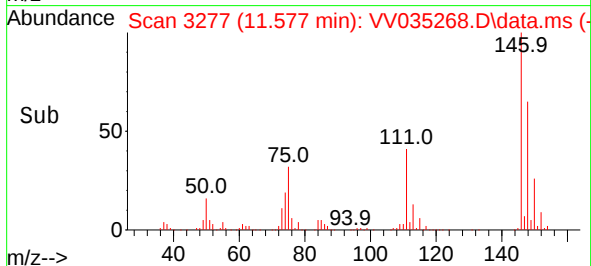
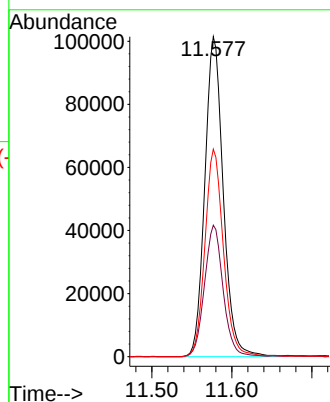
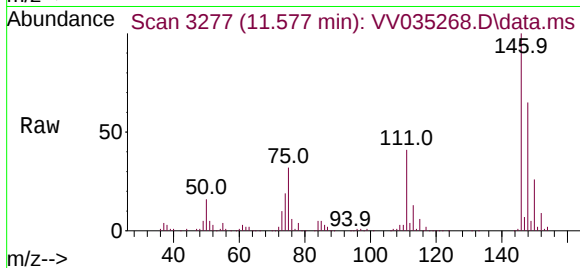
Tgt Ion:146 Resp: 163012

Ion Ratio Lower Upper

146 100

111 41.1 33.7 50.5

148 64.8 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.034 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

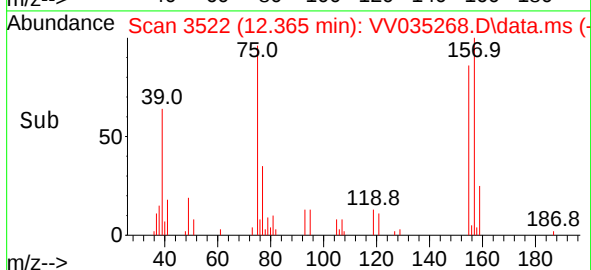
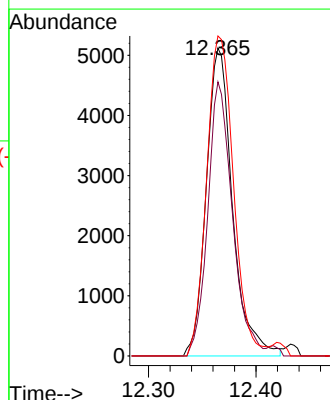
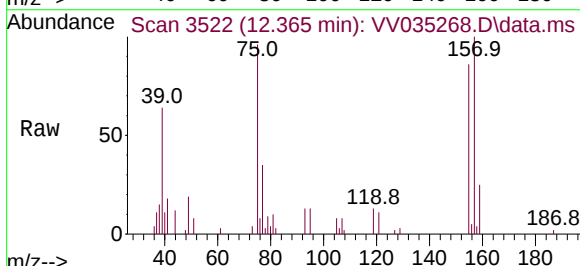
Tgt Ion: 75 Resp: 8693

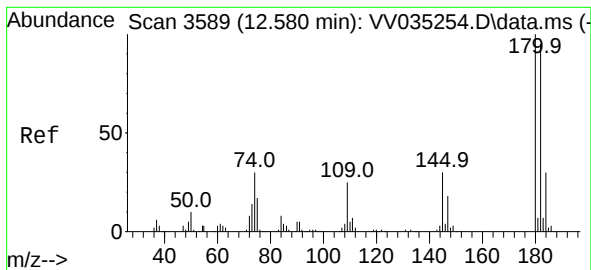
Ion Ratio Lower Upper

75 100

155 89.0 66.8 100.2

157 103.9 88.8 133.2





#69

1,3,5-Trichlorobenzene

Concen: 5.142 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

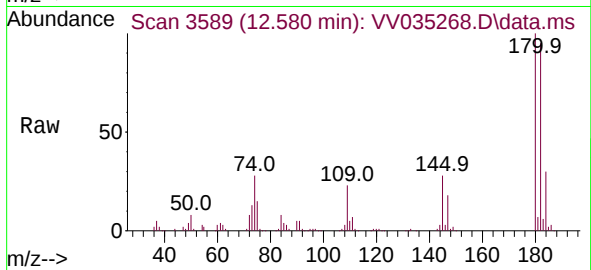
Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 137192

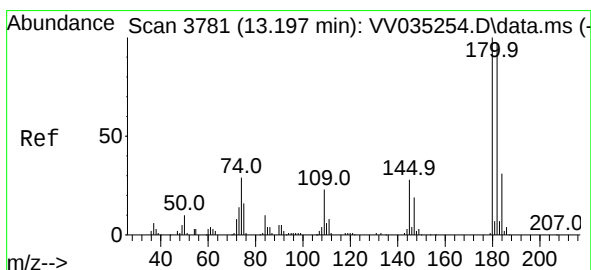
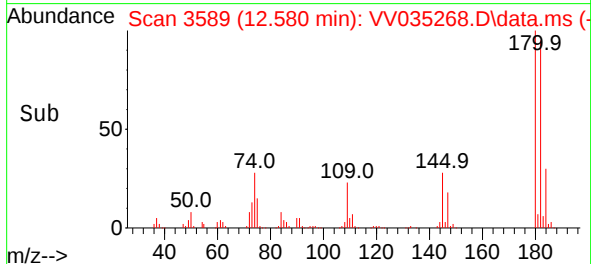
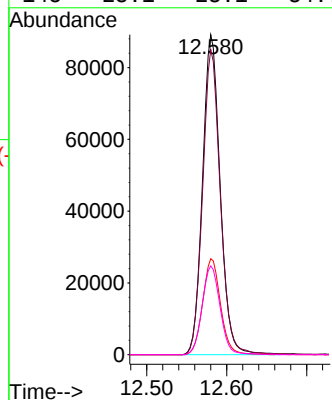
Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.2

184 30.4 24.0 36.0

145 28.1 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.652 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

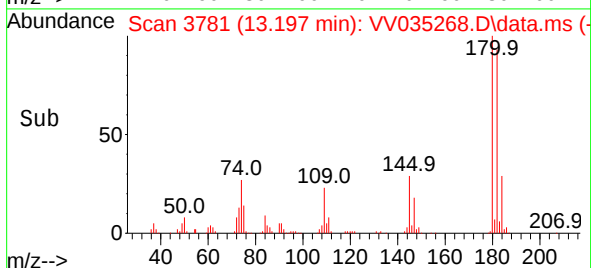
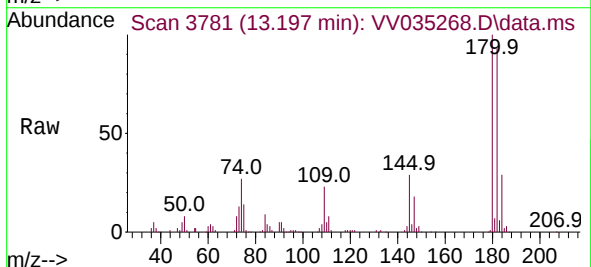
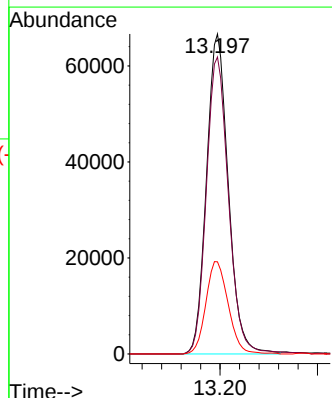
Tgt Ion:180 Resp: 103526

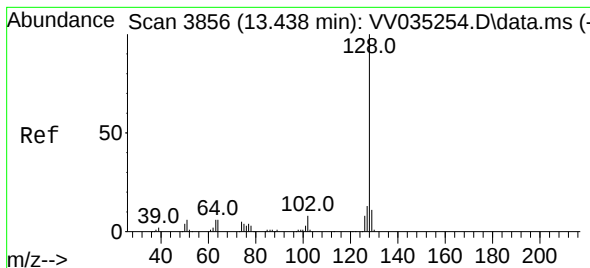
Ion Ratio Lower Upper

180 100

182 94.7 76.9 115.3

145 29.5 23.5 35.3





#71

Naphthalene

Concen: 3.553 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

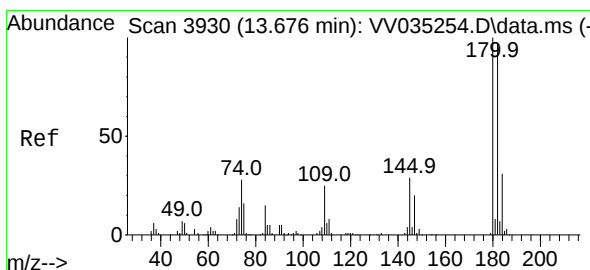
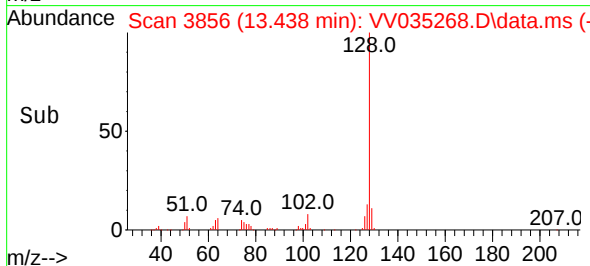
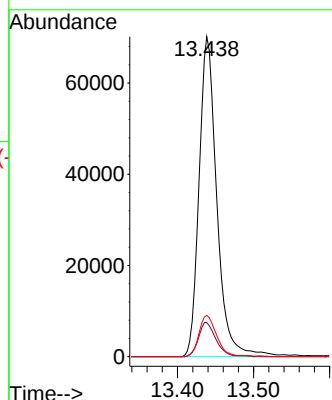
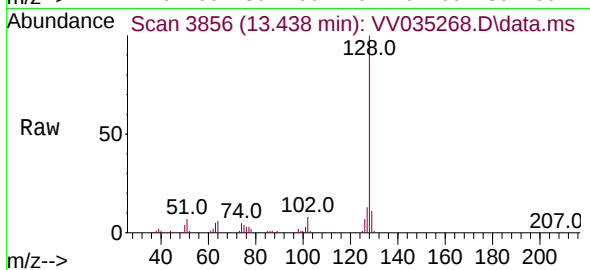
Tgt Ion:128 Resp: 113605

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 12.8 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.650 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035268.D

Acq: 17 Apr 2024 15:04

Tgt Ion:180 Resp: 91867

Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

145 30.5 25.3 37.9

