

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021924\
 Data File : VW034229.D
 Acq On : 19 Feb 2024 08:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 20 01:43:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 19 00:41:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	81600	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	73514	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36887	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29113	4.607	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.536	69	25300	4.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.060	65	14209	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.835	46	10867	10.239	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	20.480%#
24) Chloroform-d	4.249	84	53647	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.944	65	24832	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	4.960	84	101013	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	5.989	67	26238	4.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.240	98	93965	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.555	79	10586	4.547	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.031	63	30007	36.107	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.220%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	14050	3.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	29861	4.451	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	31115	4.161	ug/L	98
3) Chloromethane	1.217	50	34628	4.245	ug/L	100
5) Vinyl chloride	1.285	62	35332	4.533	ug/L	90
6) Bromomethane	1.491	94	18007	4.387	ug/L	96
8) Chloroethane	1.552	64	23256	4.374	ug/L	98
9) Trichlorofluoromethane	1.716	101	60944	5.426	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	31982	5.447	ug/L	98
12) 1,1-Dichloroethene	2.069	96	29940	5.252	ug/L	98
13) Acetone	2.156	43	32123	39.894	ug/L	93
14) Carbon disulfide	2.240	76	86930	4.713	ug/L	100
15) Methyl Acetate	2.391	43	5387	2.827	ug/L #	80
16) Methylene chloride	2.449	84	28617	5.232	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	54840	4.682	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	29521	5.084	ug/L	98
19) 1,1-Dichloroethane	3.111	63	53019	4.970	ug/L	95
21) 2-Butanone	3.918	43	39810	37.413	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	30732	4.665	ug/L	95
23) Bromochloromethane	4.150	128	11503	5.023	ug/L	91
25) Chloroform	4.275	83	55677	5.163	ug/L	97

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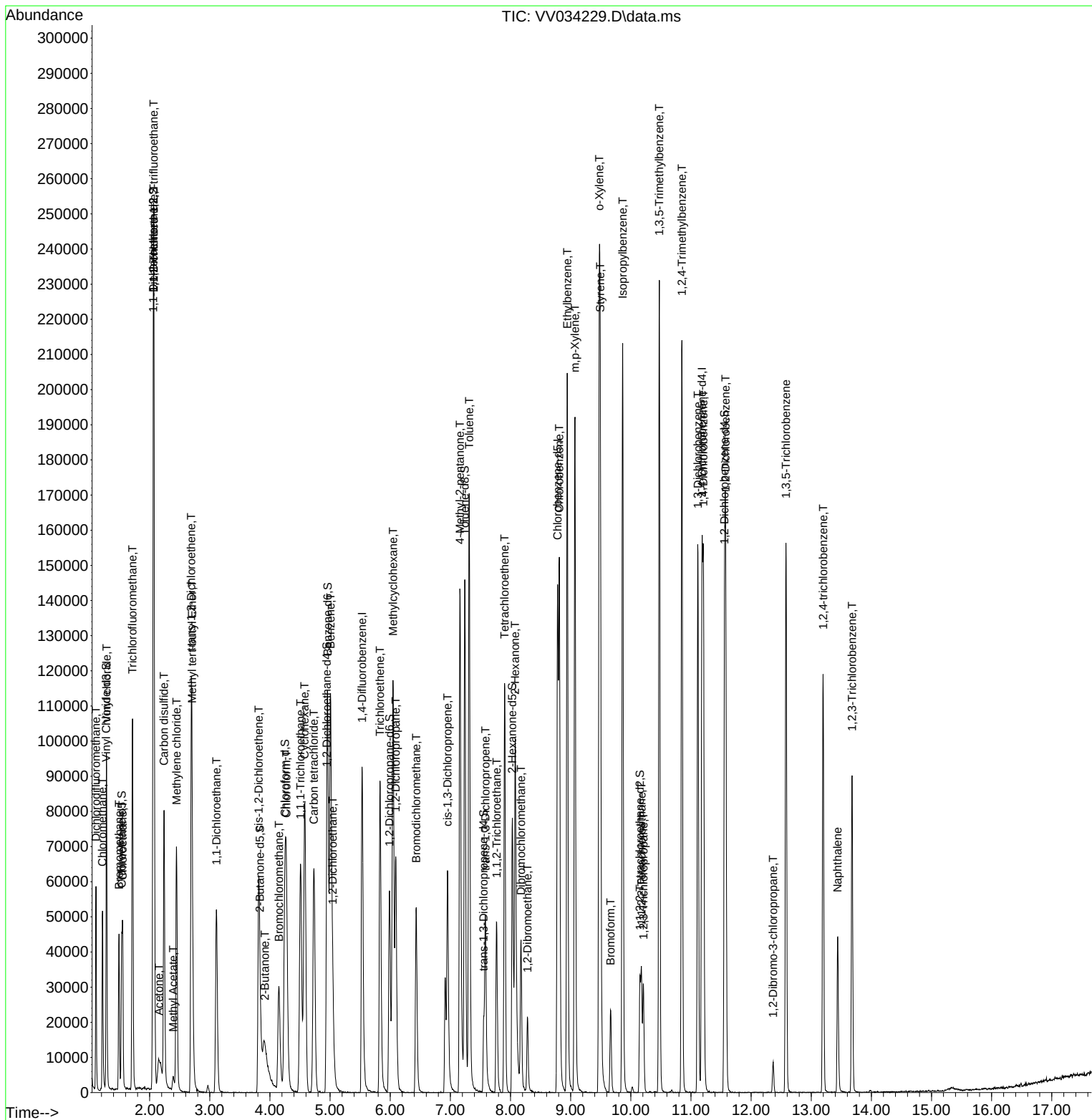
Instrument :
 MSVOA_V
 ClientSampleId :

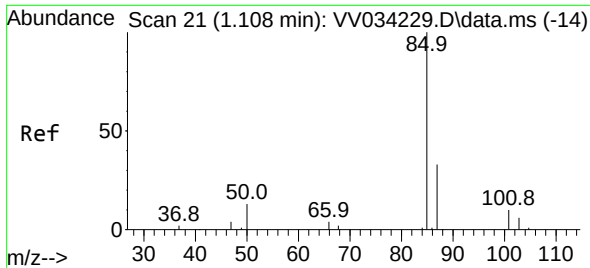
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	30783	4.985	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	55098	5.582	ug/L	99
30) Cyclohexane	4.577	56	45444	4.734	ug/L	95
31) Carbon tetrachloride	4.732	117	48565	5.624	ug/L	96
33) Benzene	5.008	78	112702	5.111	ug/L	100
34) Trichloroethene	5.831	95	31158	4.883	ug/L	96
35) Methylcyclohexane	6.047	83	49378	4.930	ug/L	95
37) 1,2-Dichloropropane	6.092	63	23574	4.414	ug/L #	97
38) Bromodichloromethane	6.432	83	35364	5.044	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	38527	4.741	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	106252	41.543	ug/L	99
42) Toluene	7.313	91	123627	5.246	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	29389	4.710	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	15307	4.641	ug/L	96
47) Tetrachloroethene	7.902	164	24993	4.820	ug/L	96
48) 2-Hexanone	8.079	43	73949	41.018	ug/L	98
49) Dibromochloromethane	8.175	129	20416	5.209	ug/L	99
50) 1,2-Dibromoethane	8.281	107	13783	4.656	ug/L #	99
51) Chlorobenzene	8.812	112	77263	5.186	ug/L	96
52) Ethylbenzene	8.944	91	141896	5.231	ug/L	99
53) m,p-Xylene	9.072	106	53488	5.218	ug/L	98
54) o-Xylene	9.477	106	51923	5.253	ug/L	96
55) Styrene	9.493	104	80842	5.108	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	14670	4.214	ug/L #	95
59) Bromoform	9.664	173	10412	5.124	ug/L	98
60) Isopropylbenzene	9.866	105	134561	4.930	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	11331	4.468	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	118925	5.154	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	113949	5.082	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	60566	5.089	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	57853	4.909	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	51663	5.055	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	2314	4.354	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	46427	5.041	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	34491	4.797	ug/L	98
71) Naphthalene	13.439	128	35412	3.759	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	26849	4.661	ug/L	99

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

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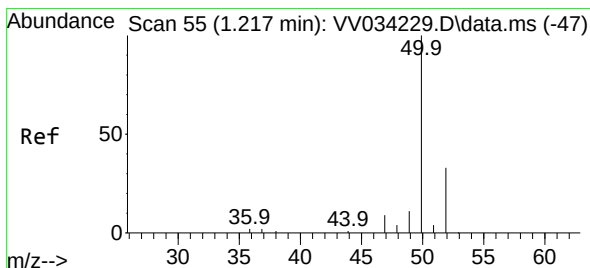
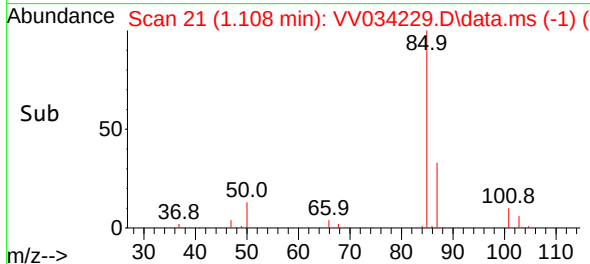
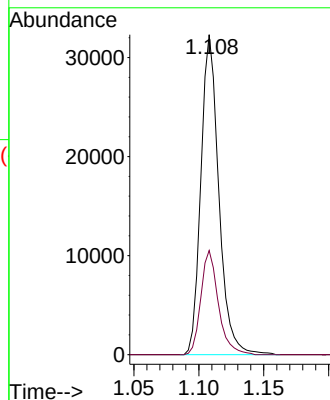
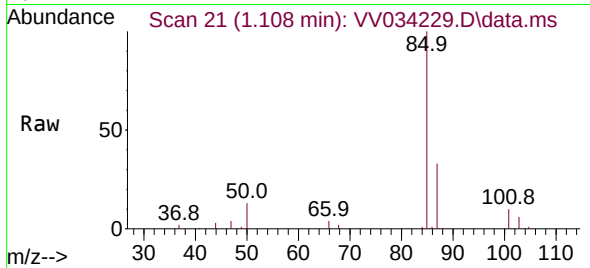




#2
Dichlorodifluoromethane
Concen: 4.161 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

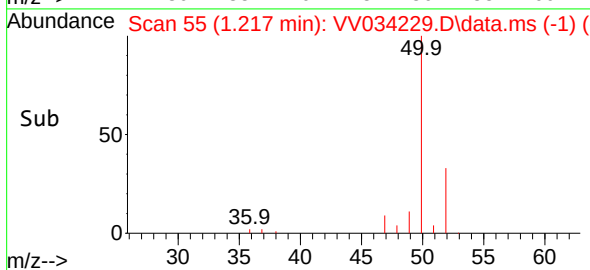
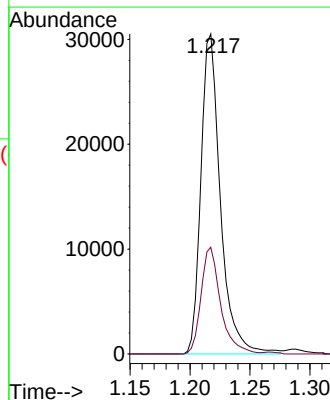
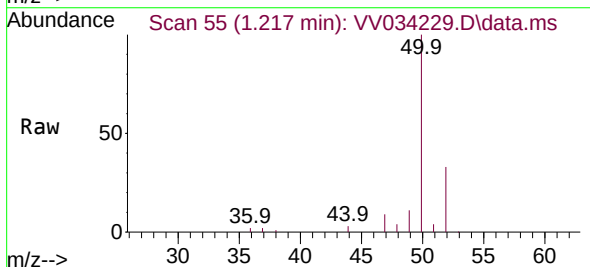
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MSVOA_V
ClientSampleId :

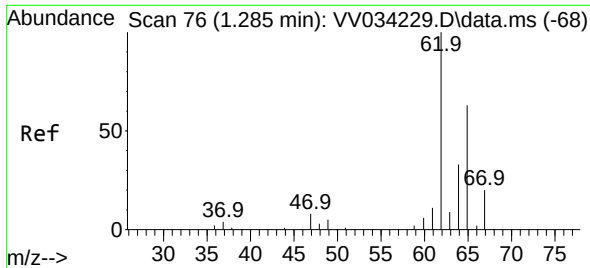
Tgt Ion: 85 Resp: 31115
Ion Ratio Lower Upper
85 100
87 31.7 26.2 39.4



#3
Chloromethane
Concen: 4.245 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.003 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt Ion: 50 Resp: 34628
Ion Ratio Lower Upper
50 100
52 33.3 23.4 43.4

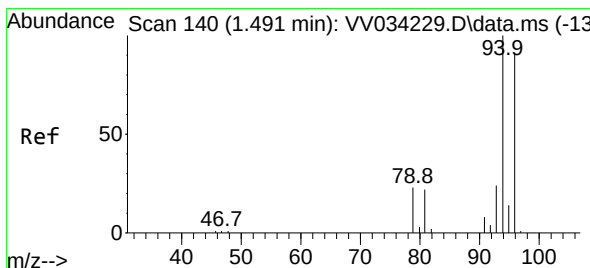
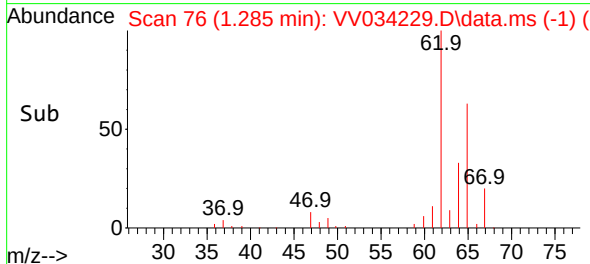
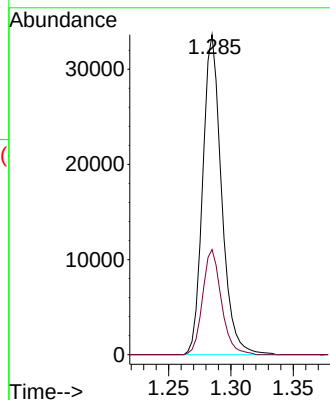
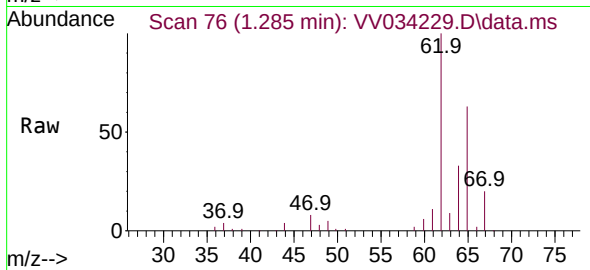




#5
 Vinyl chloride
 Concen: 4.533 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV034229.D
 Acq: 19 Feb 2024 08:52

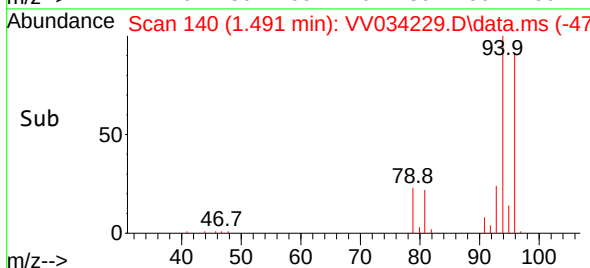
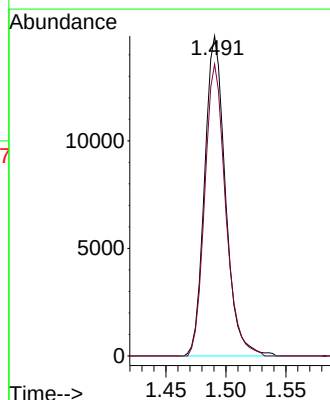
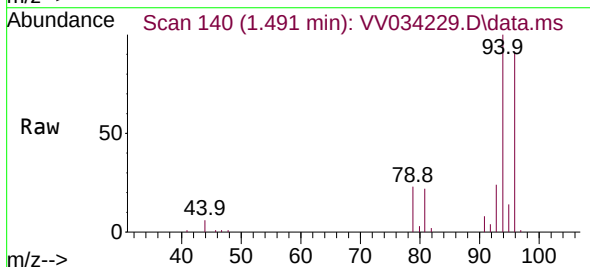
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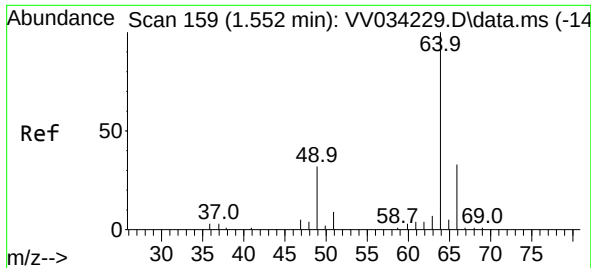
Tgt Ion: 62 Resp: 35332
 Ion Ratio Lower Upper
 62 100
 64 32.8 27.2 50.4



#6
 Bromomethane
 Concen: 4.387 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV034229.D
 Acq: 19 Feb 2024 08:52

Tgt Ion: 94 Resp: 18007
 Ion Ratio Lower Upper
 94 100
 96 91.2 66.6 123.8

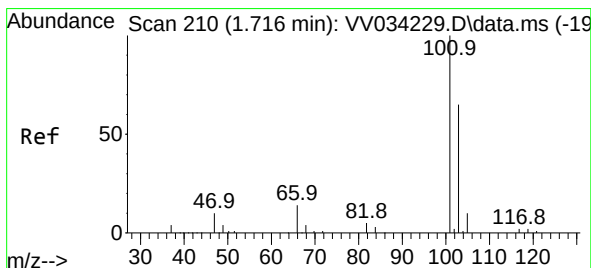
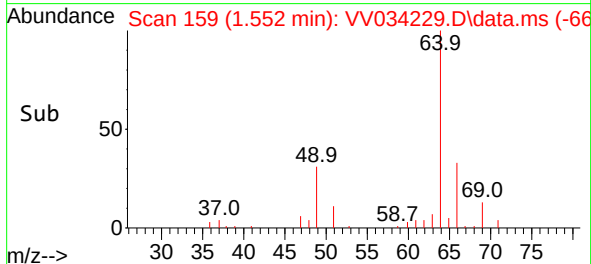
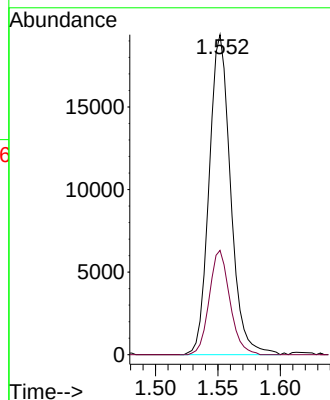
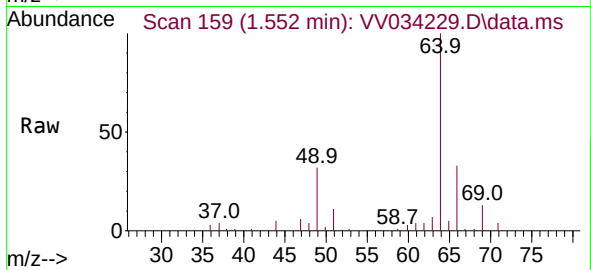




#8
Chloroethane
Concen: 4.374 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

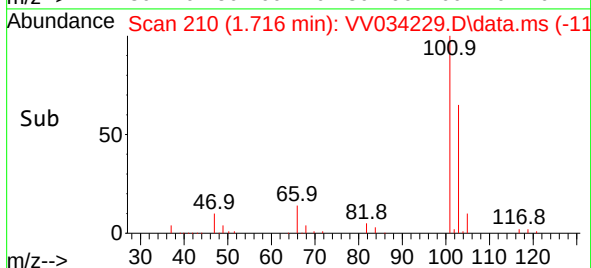
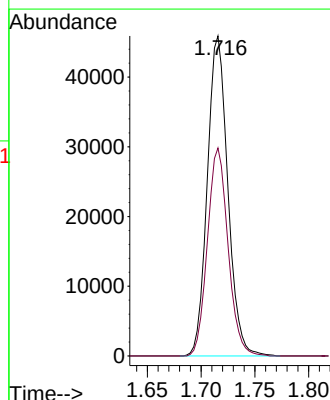
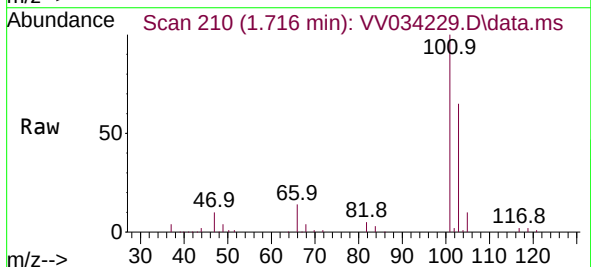
Instrument :
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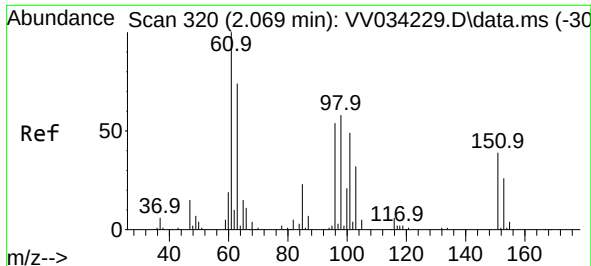
Tgt Ion: 64 Resp: 23256
Ion Ratio Lower Upper
64 100
66 32.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.426 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt Ion:101 Resp: 60944
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.4

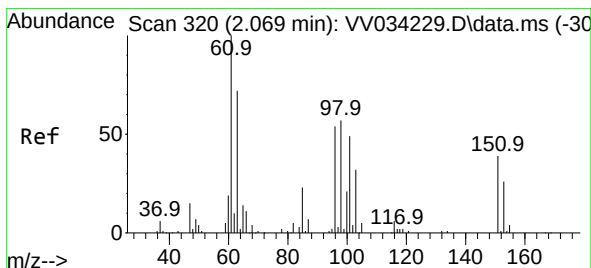
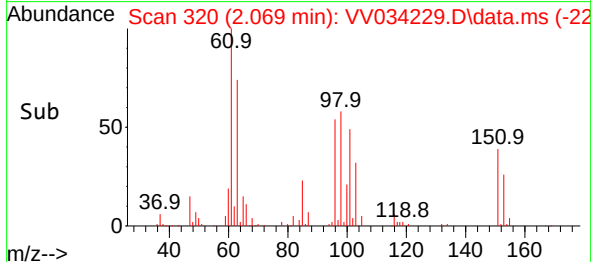
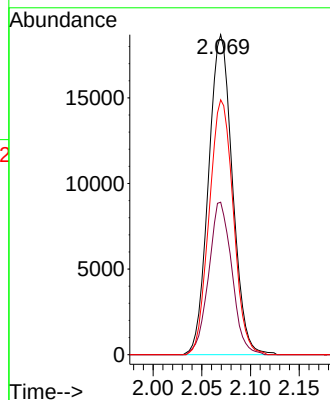
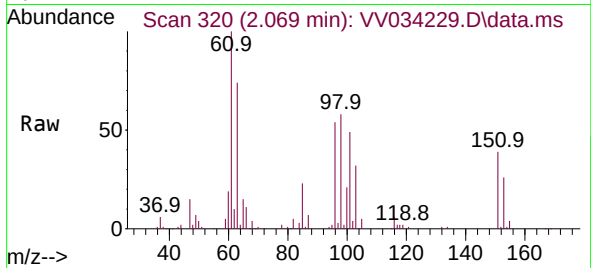




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.447 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034229.D
 Acq: 19 Feb 2024 08:52

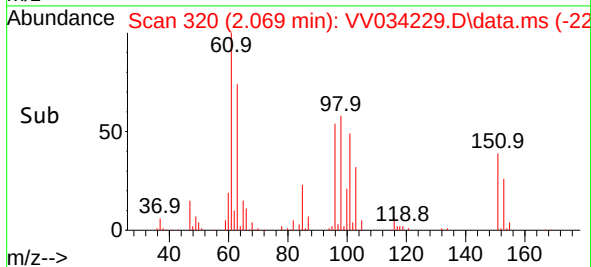
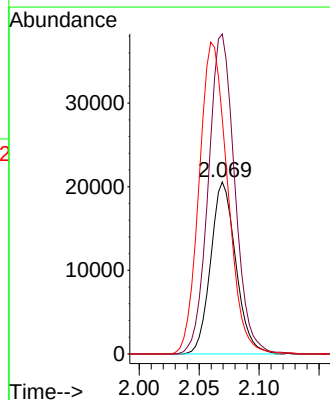
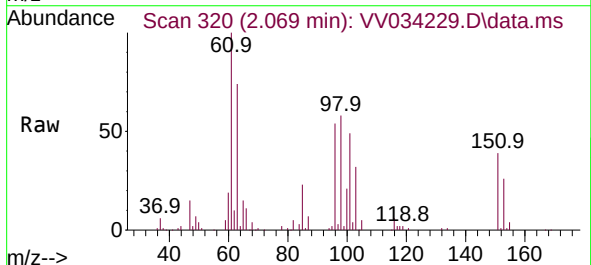
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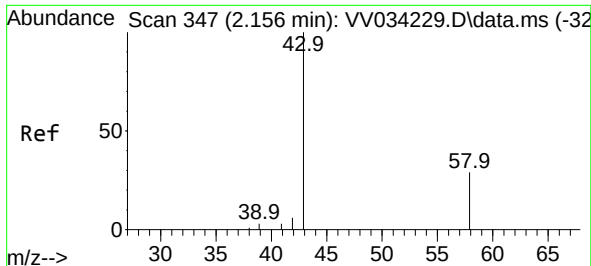
Tgt Ion:101 Resp: 31982
 Ion Ratio Lower Upper
 101 100
 85 46.0 37.1 55.7
 151 80.1 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.252 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034229.D
 Acq: 19 Feb 2024 08:52

Tgt Ion: 96 Resp: 29940
 Ion Ratio Lower Upper
 96 100
 61 186.0 128.8 239.2
 63 136.8 97.9 181.9





#13

Acetone

Concen: 39.894 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.019 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

Instrument :

MSVOA_V

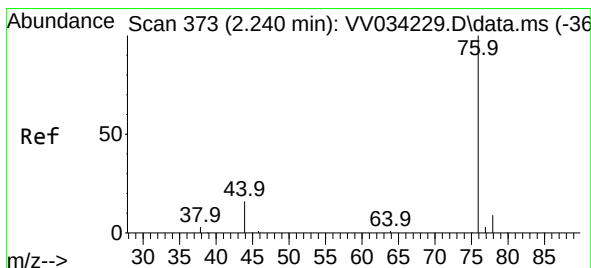
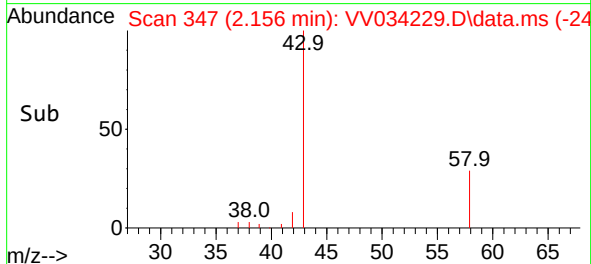
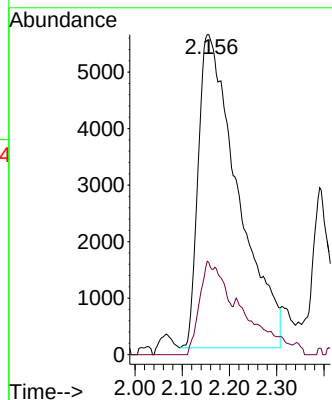
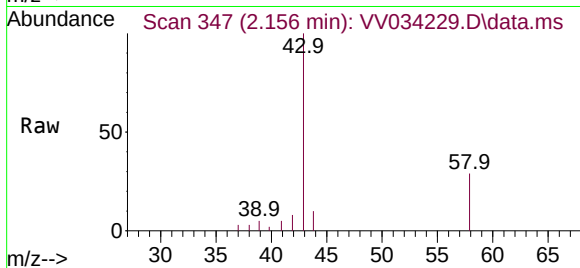
ClientSampleId :

Tgt Ion: 43 Resp: 32123

Ion Ratio Lower Upper

43 100

58 9.3 0.0 13.8



#14

Carbon disulfide

Concen: 4.713 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034229.D

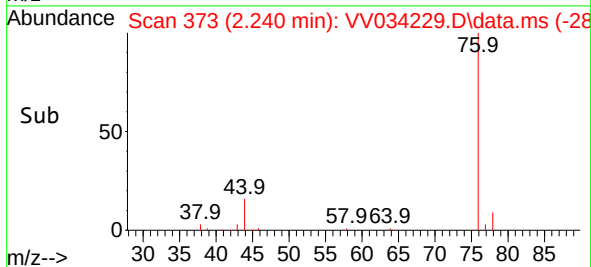
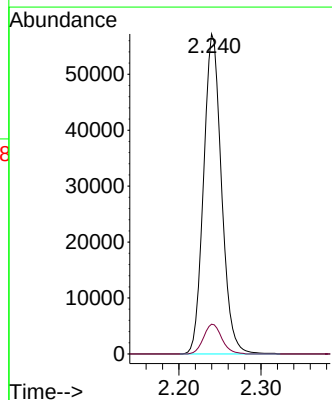
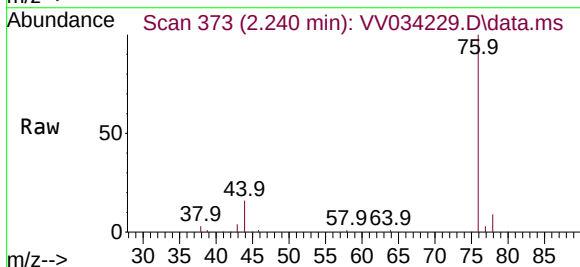
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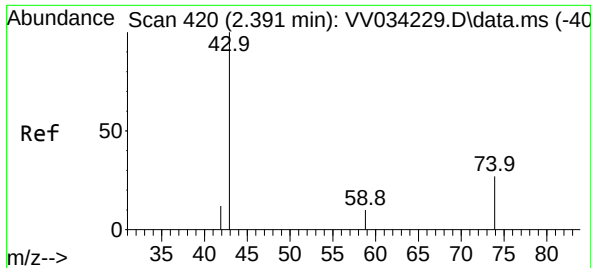
Tgt Ion: 76 Resp: 86930

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

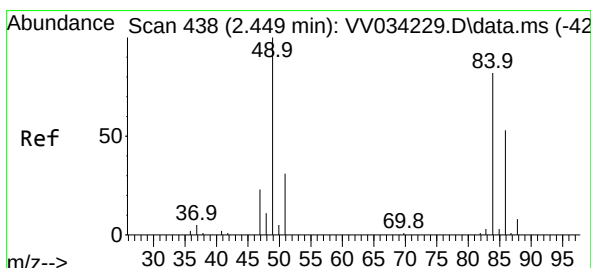
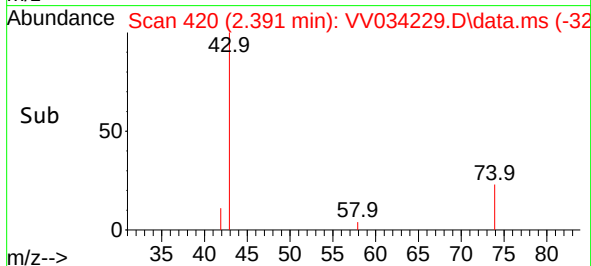
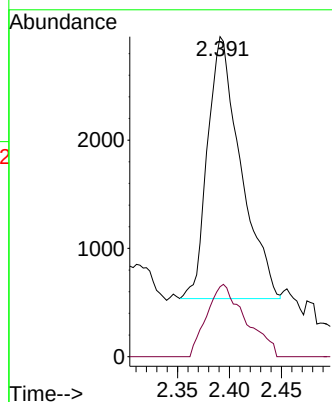
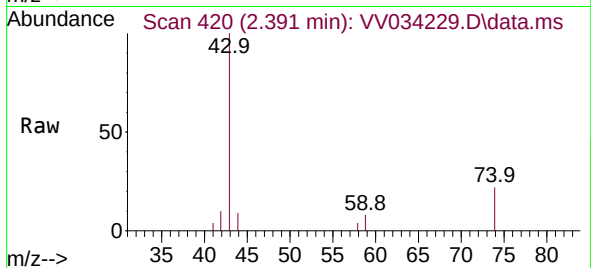




#15
Methyl Acetate
Concen: 2.827 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

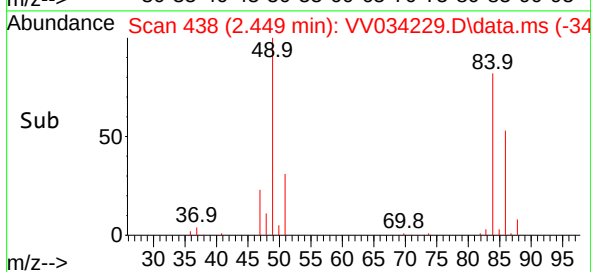
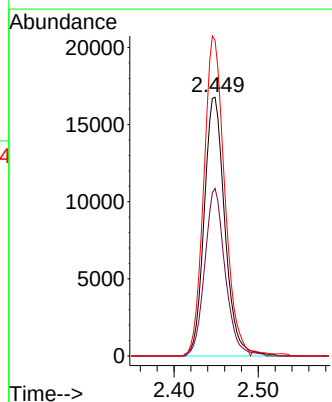
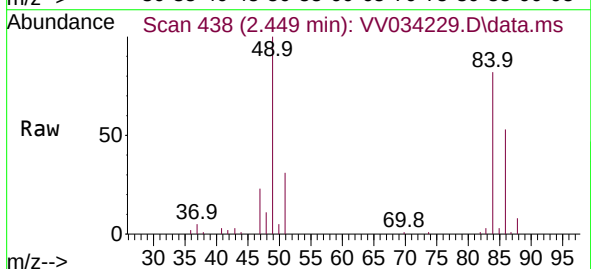
Instrument :
MSVOA_V
ClientSampleId :

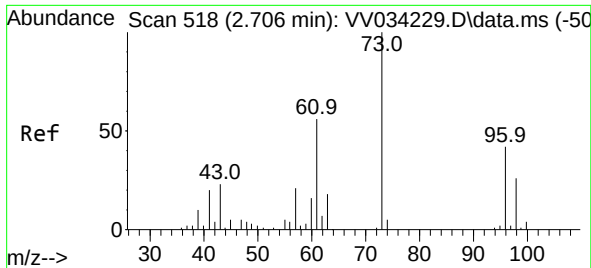
Tgt Ion: 43 Resp: 5387
Ion Ratio Lower Upper
43 100
74 32.4 18.2 27.4#



#16
Methylene chloride
Concen: 5.232 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt Ion: 84 Resp: 28617
Ion Ratio Lower Upper
84 100
86 64.7 44.7 83.1
49 121.8 93.7 173.9

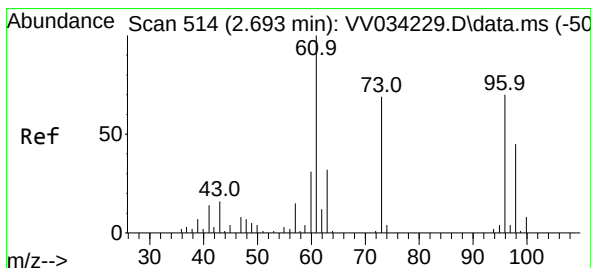
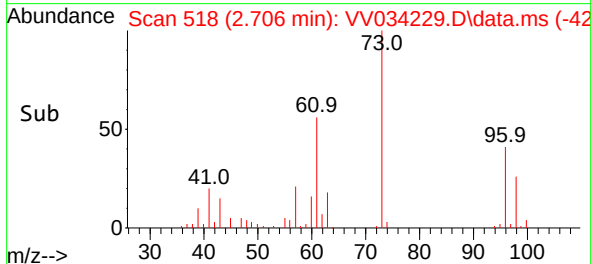
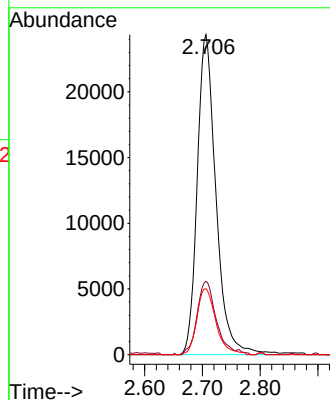
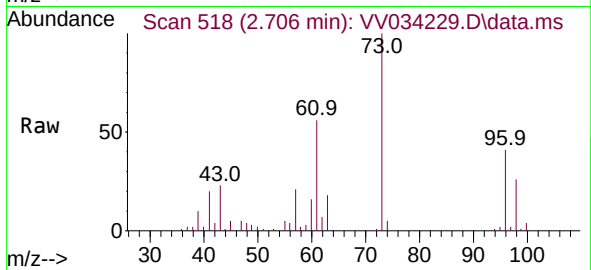




#17
Methyl tert-butyl Ether
Concen: 4.682 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

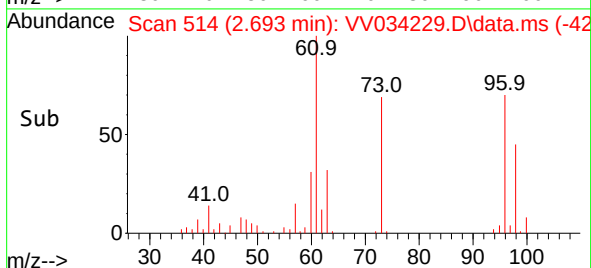
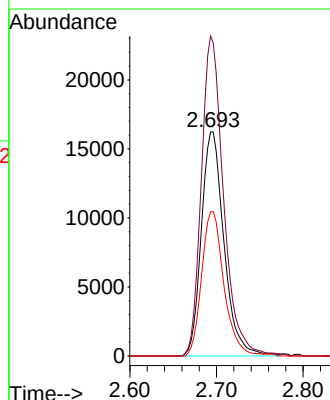
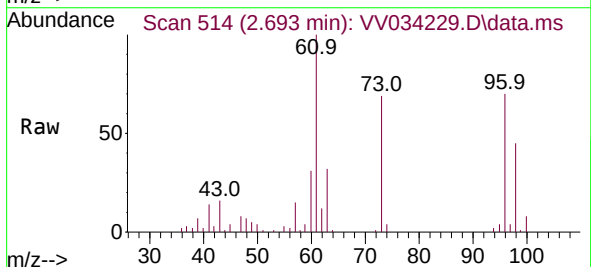
Instrument :
MSVOA_V
ClientSampleId :

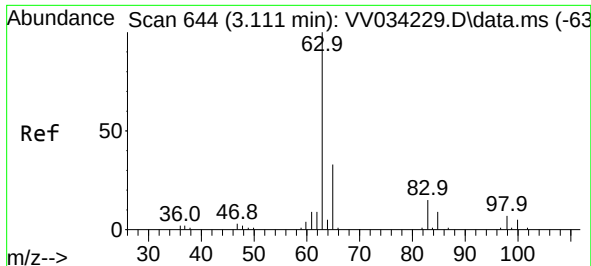
Tgt Ion: 73 Resp: 54840
Ion Ratio Lower Upper
73 100
43 23.1 17.7 26.5
57 21.0 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.084 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt Ion: 96 Resp: 29521
Ion Ratio Lower Upper
96 100
61 142.8 97.6 181.4
98 64.3 44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.970 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

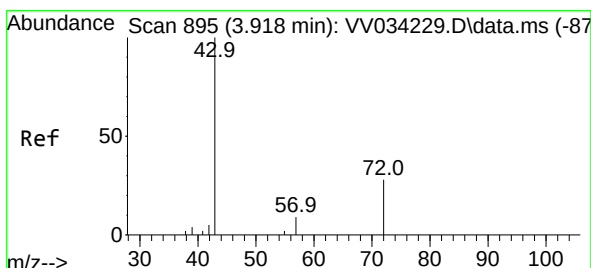
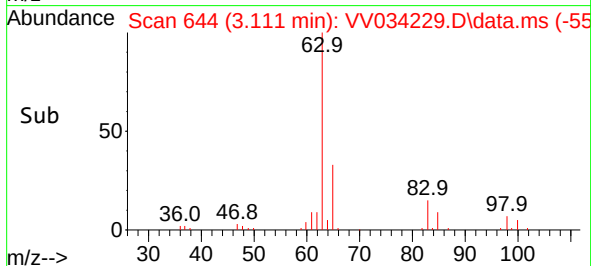
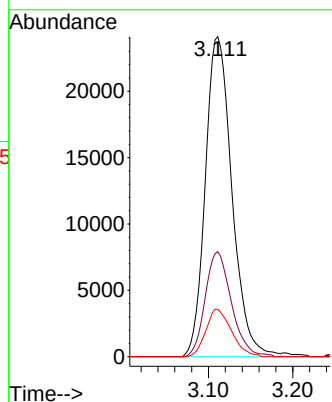
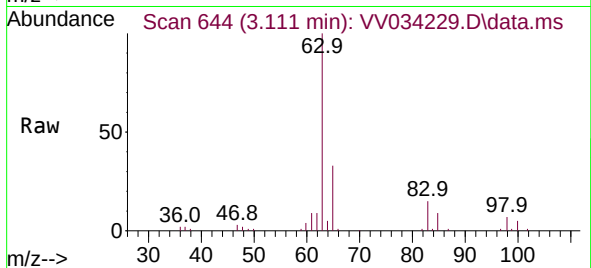
Tgt Ion: 63 Resp: 53019

Ion Ratio Lower Upper

63 100

65 32.8 20.8 38.6

83 14.8 9.4 17.4



#21

2-Butanone

Concen: 37.413 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.019 min

Lab File: VV034229.D

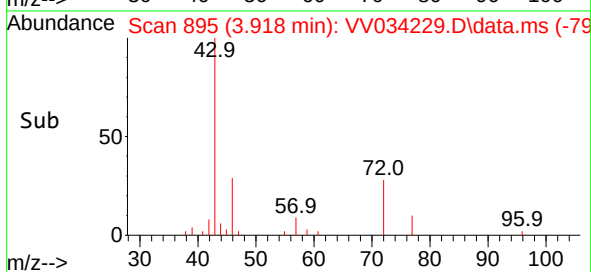
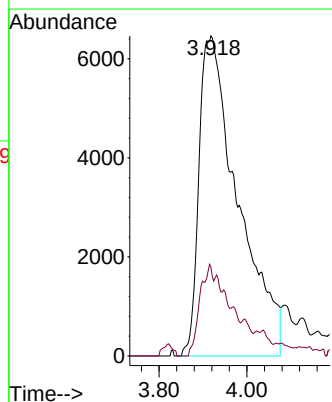
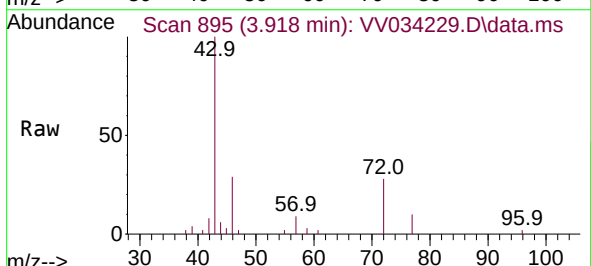
Acq: 19 Feb 2024 08:52

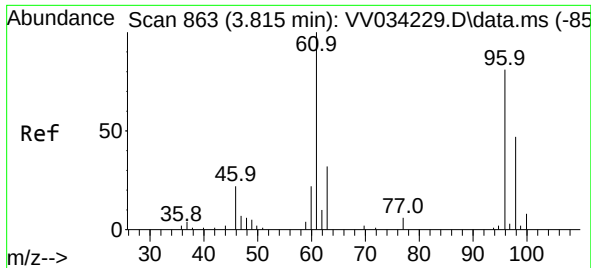
Tgt Ion: 43 Resp: 39810

Ion Ratio Lower Upper

43 100

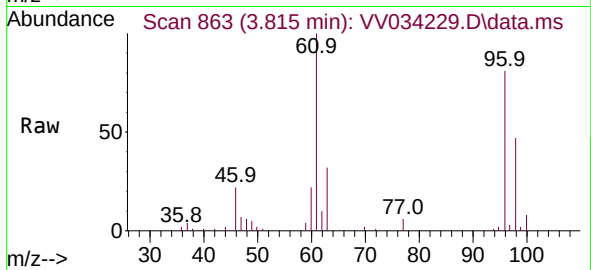
72 9.8 4.0 11.9





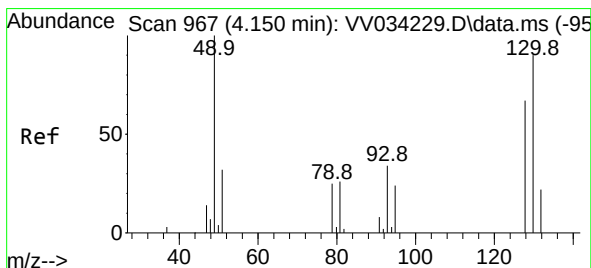
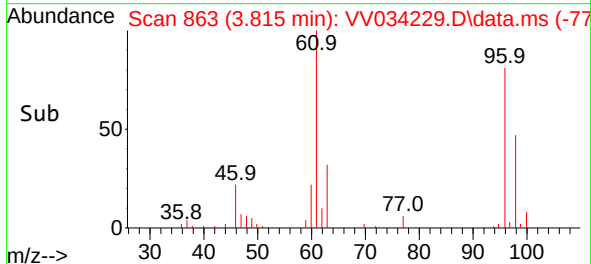
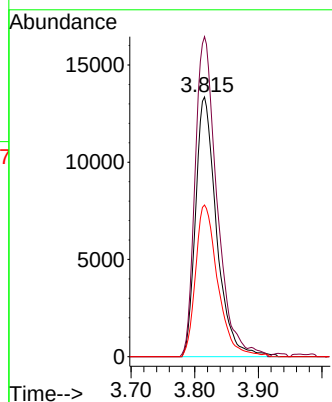
#22
 cis-1,2-Dichloroethene
 Concen: 4.665 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV034229.D
 Acq: 19 Feb 2024 08:52

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 30732

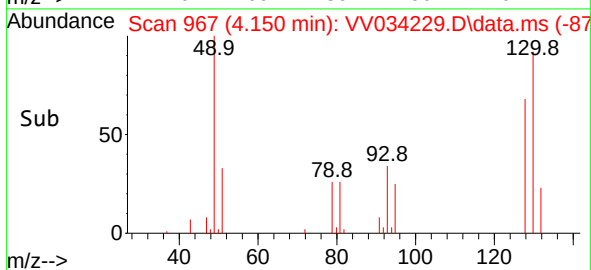
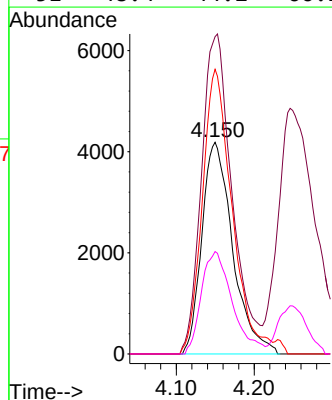
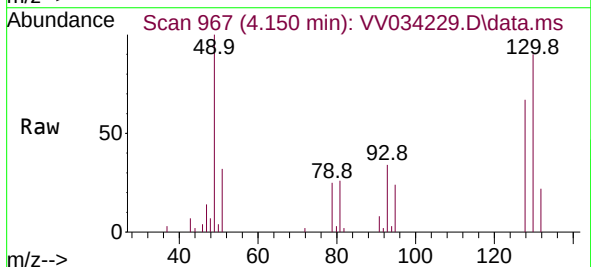
Ion	Ratio	Lower	Upper
96	100		
61	123.2	90.3	167.7
98	58.4	43.2	80.2

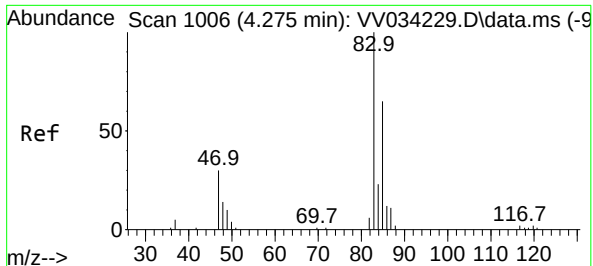


#23
 Bromochloromethane
 Concen: 5.023 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. 0.003 min
 Lab File: VV034229.D
 Acq: 19 Feb 2024 08:52

Tgt Ion: 128 Resp: 11503

Ion	Ratio	Lower	Upper
128	100		
49	149.9	120.5	223.7
130	134.5	93.4	173.4
51	48.4	44.2	66.2





#25

Chloroform

Concen: 5.163 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

Instrument :

MSVOA_V

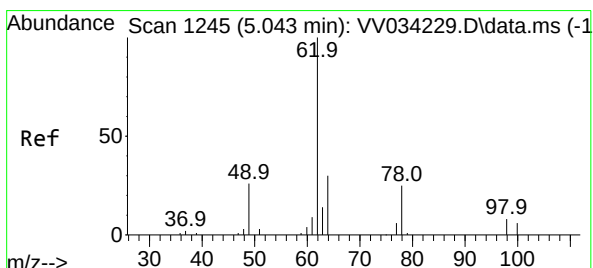
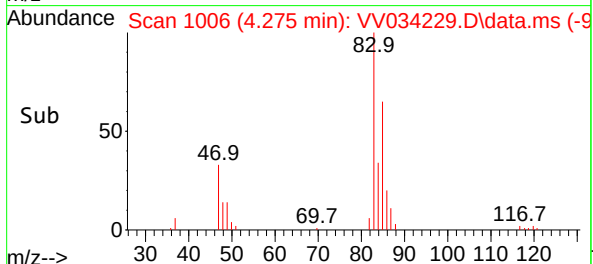
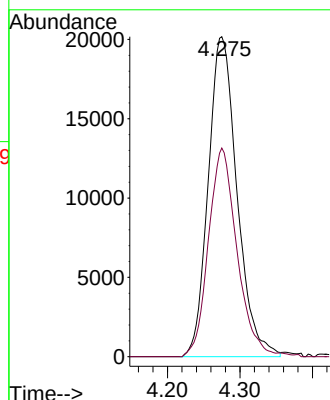
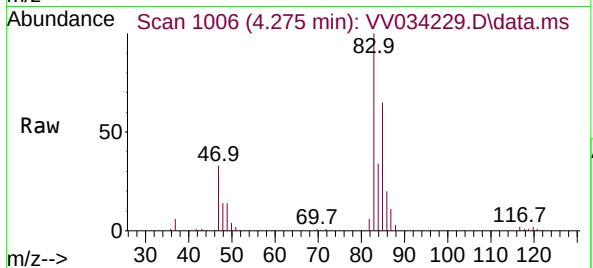
ClientSampleId :

Tgt Ion: 83 Resp: 55677

Ion Ratio Lower Upper

83 100

85 65.2 47.5 88.1



#27

1,2-Dichloroethane

Concen: 4.985 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV034229.D

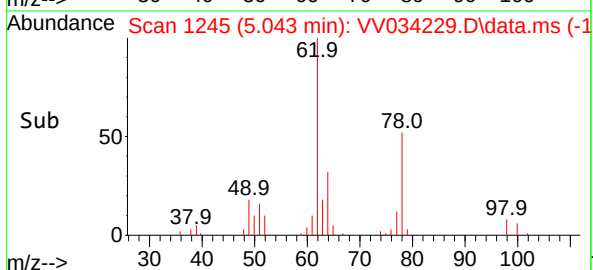
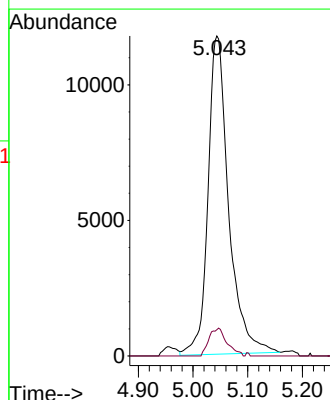
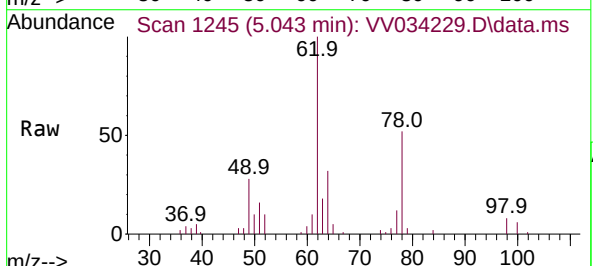
Acq: 19 Feb 2024 08:52

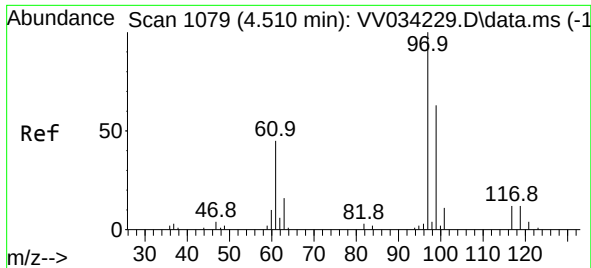
Tgt Ion: 62 Resp: 30783

Ion Ratio Lower Upper

62 100

98 8.2 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.582 ug/L

RT: 4.510 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

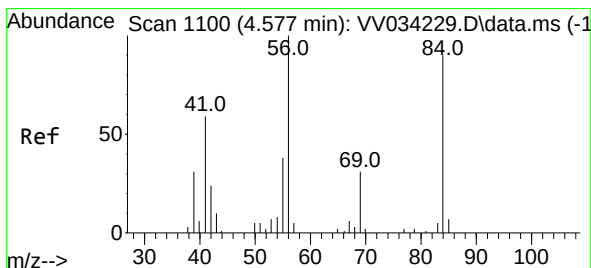
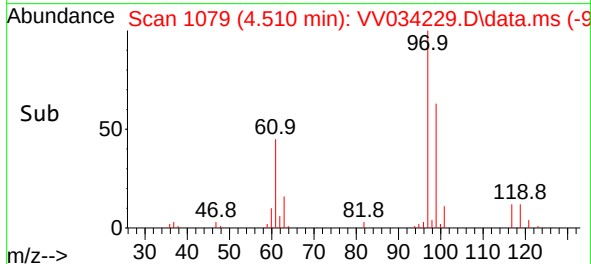
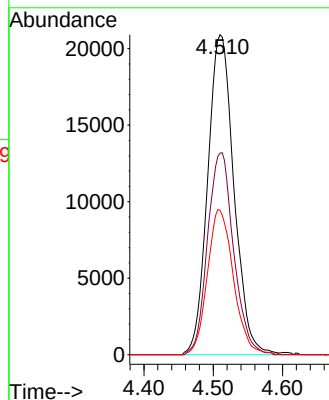
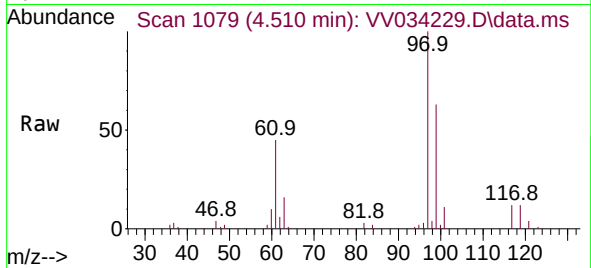
Tgt Ion: 97 Resp: 55098

Ion Ratio Lower Upper

97 100

99 62.5 50.6 75.8

61 45.0 36.8 55.2



#30

Cyclohexane

Concen: 4.734 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

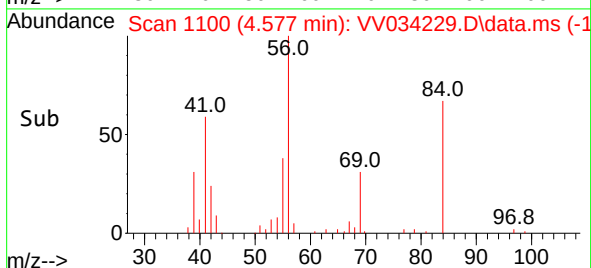
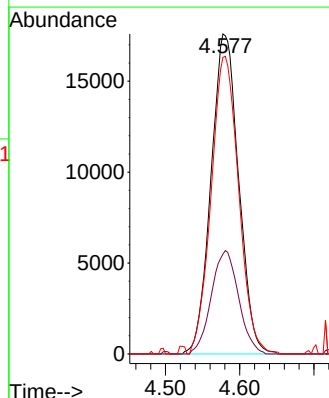
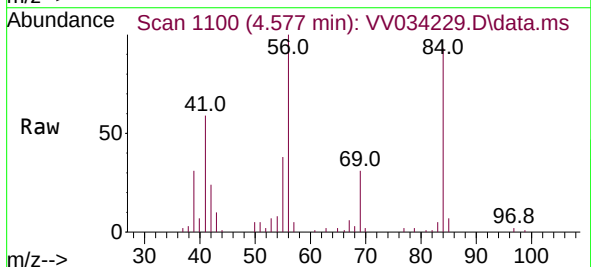
Tgt Ion: 56 Resp: 45444

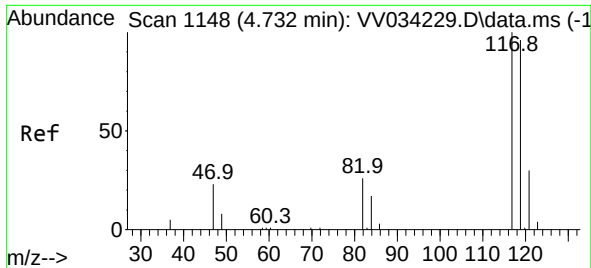
Ion Ratio Lower Upper

56 100

69 31.9 24.2 36.2

84 92.6 70.0 105.0

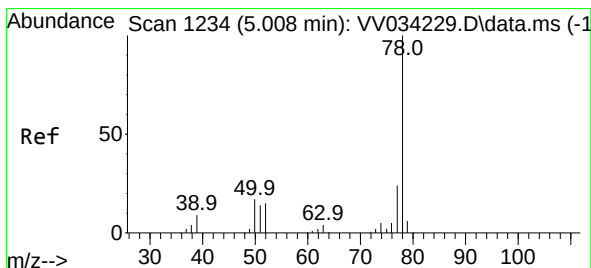
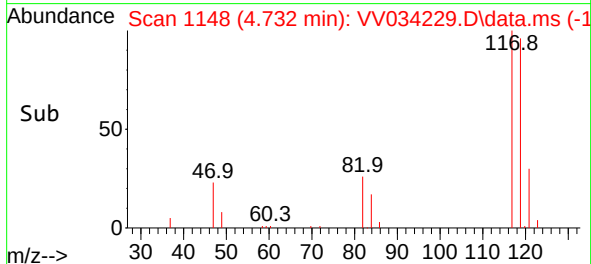
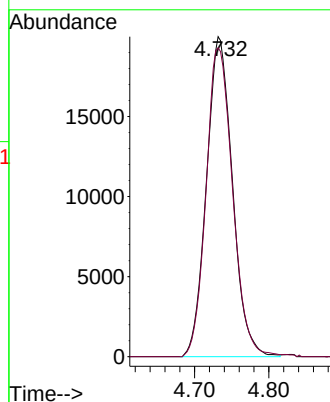
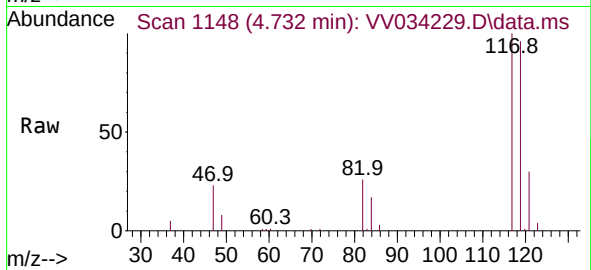




#31
Carbon tetrachloride
Concen: 5.624 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

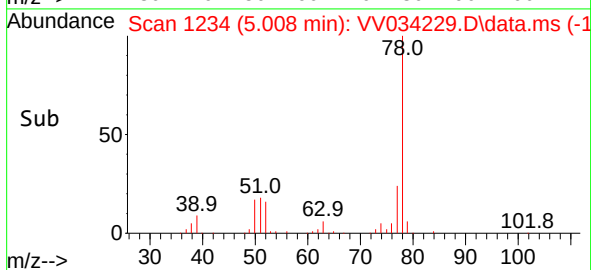
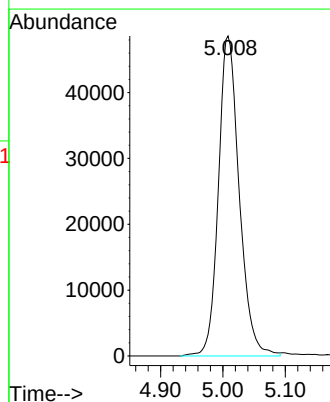
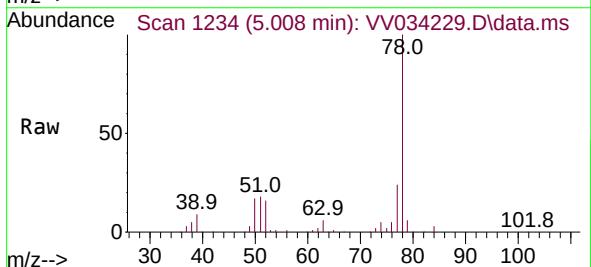
Instrument :
MSVOA_V
ClientSampleId :

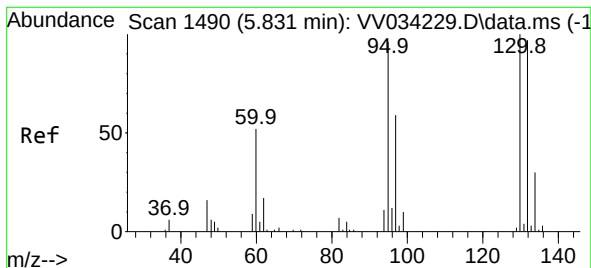
Tgt Ion:117 Resp: 48565
Ion Ratio Lower Upper
117 100
119 98.6 76.1 114.1



#33
Benzene
Concen: 5.111 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt Ion: 78 Resp: 112702





#34

Trichloroethene

Concen: 4.883 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.003 min

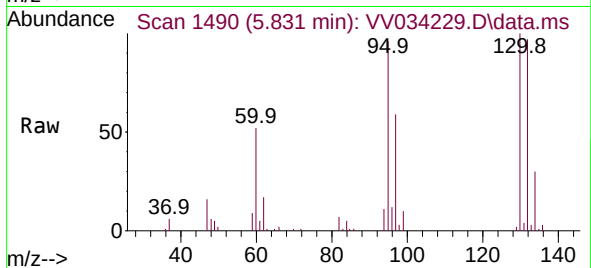
Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 31158

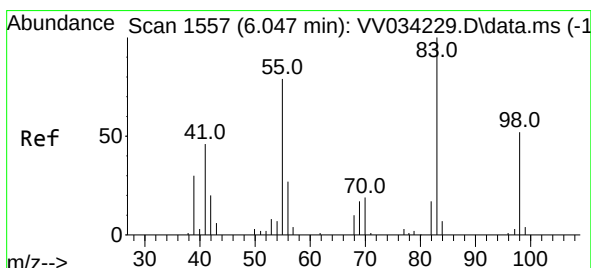
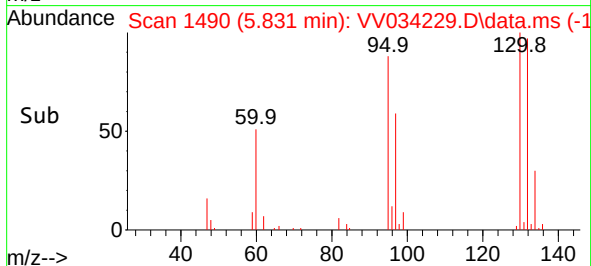
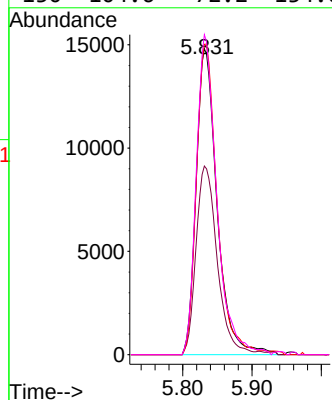
Ion Ratio Lower Upper

95 100

97 61.7 45.1 83.7

132 101.4 66.0 122.6

130 104.6 72.2 134.0



#35

Methylcyclohexane

Concen: 4.930 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

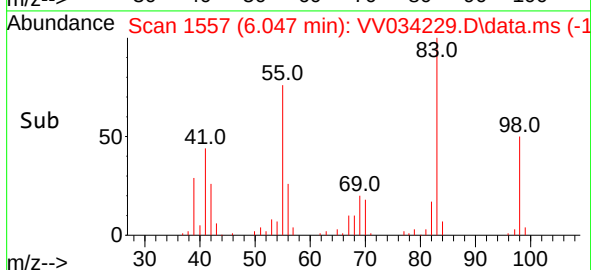
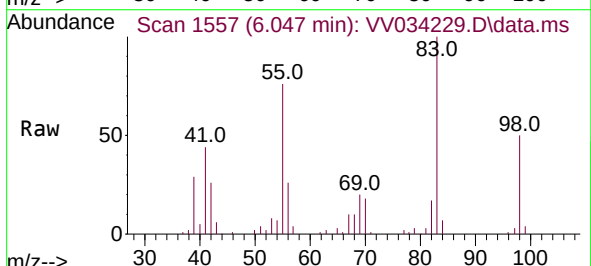
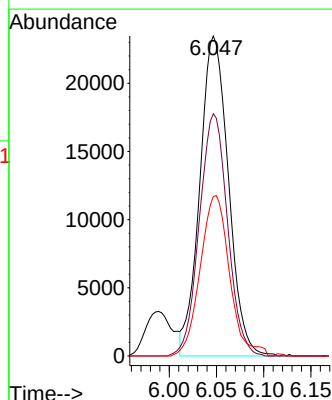
Tgt Ion: 83 Resp: 49378

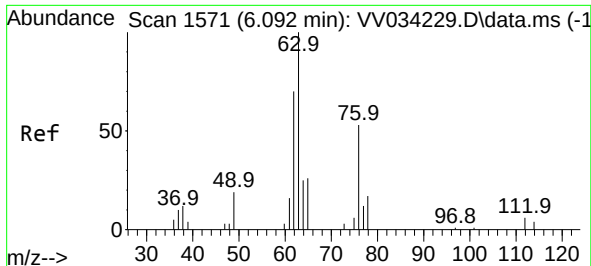
Ion Ratio Lower Upper

83 100

55 74.7 63.5 95.3

98 51.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.414 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

Instrument :

MSVOA_V

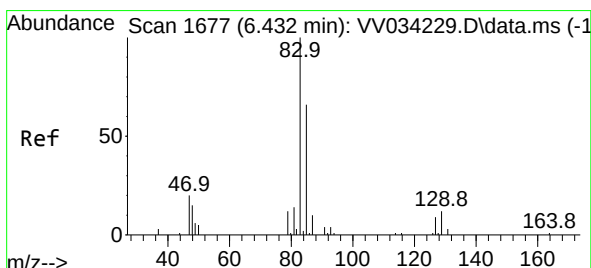
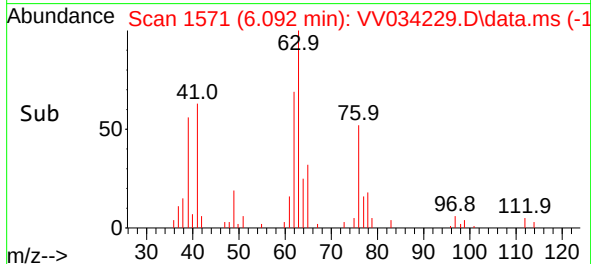
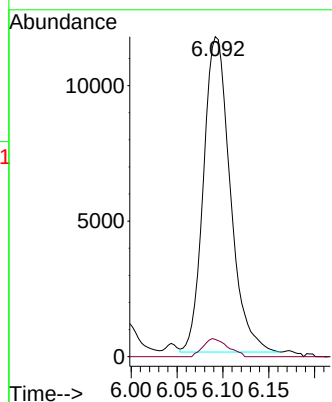
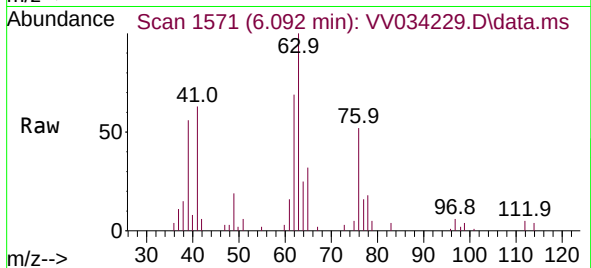
ClientSampleId :

Tgt Ion: 63 Resp: 23574

Ion Ratio Lower Upper

63 100

112 5.3 3.4 5.0#



#38

Bromodichloromethane

Concen: 5.044 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

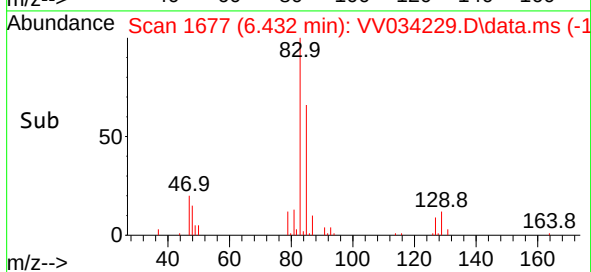
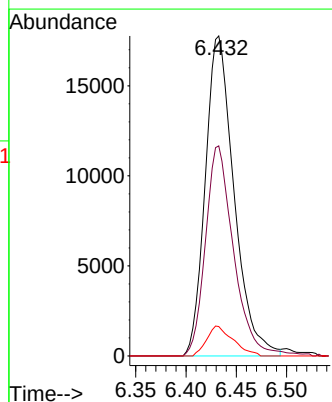
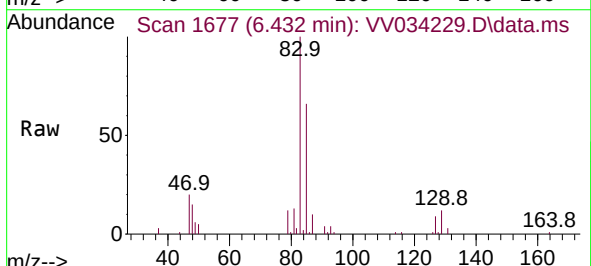
Tgt Ion: 83 Resp: 35364

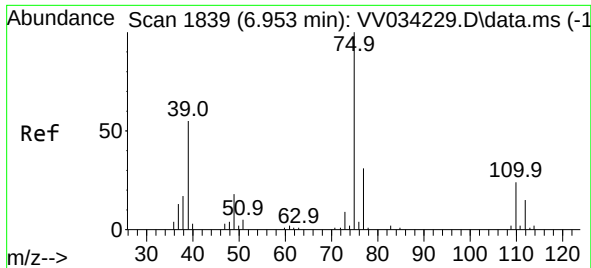
Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.2

127 9.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.741 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

Instrument :

MSVOA_V

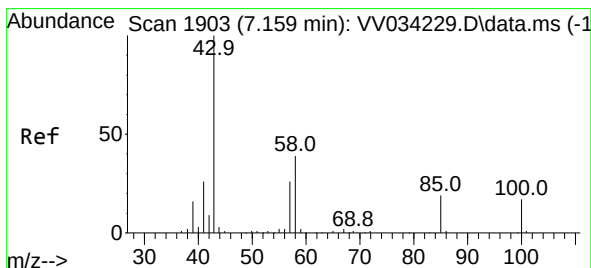
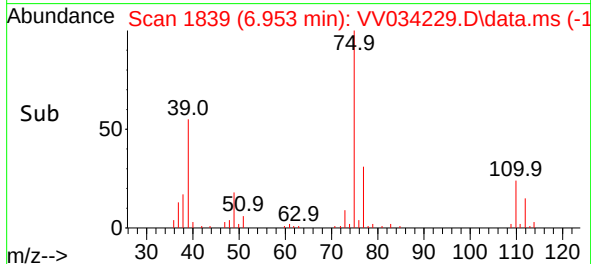
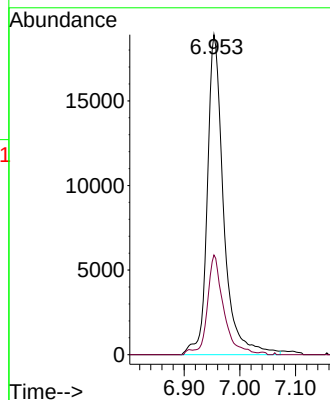
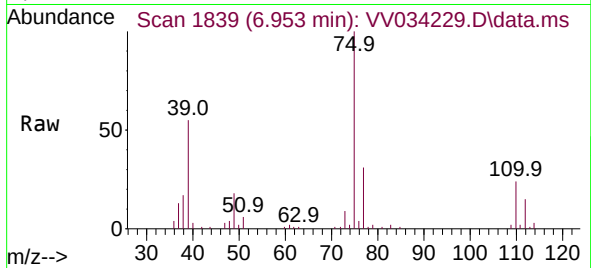
ClientSampleId :

Tgt Ion: 75 Resp: 38527

Ion Ratio Lower Upper

75 100

77 31.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 41.543 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

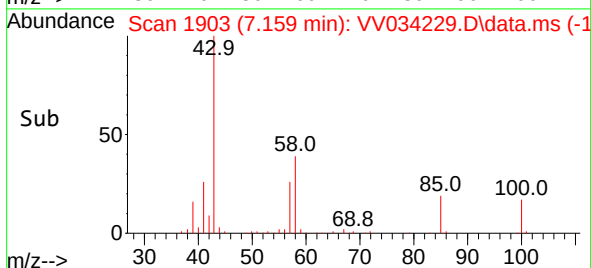
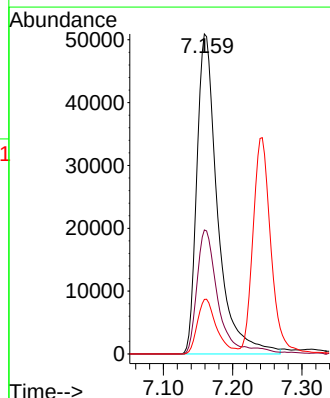
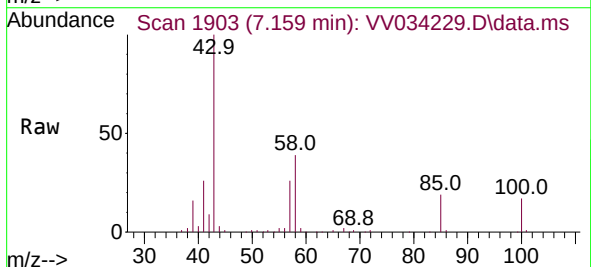
Tgt Ion: 43 Resp: 106252

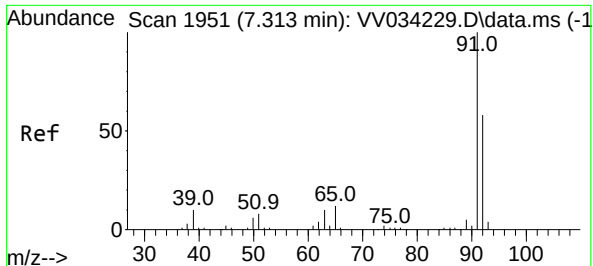
Ion Ratio Lower Upper

43 100

58 37.9 30.2 45.2

100 15.9 12.1 18.1





#42

Toluene

Concen: 5.246 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

Instrument :

MSVOA_V

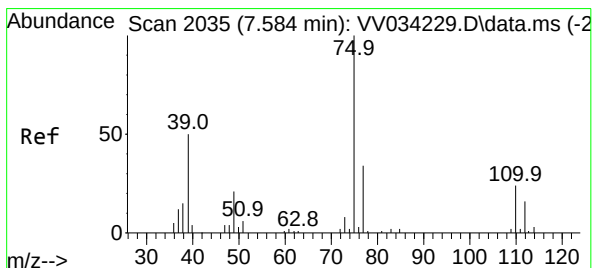
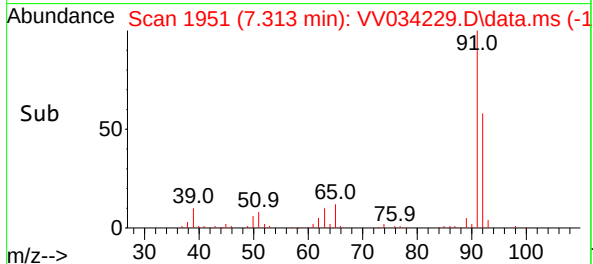
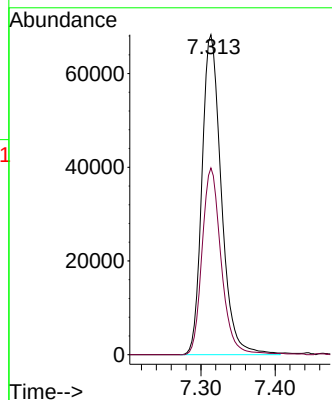
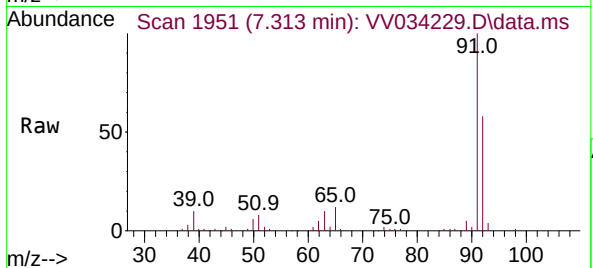
ClientSampleId :

Tgt Ion: 91 Resp: 123627

Ion Ratio Lower Upper

91 100

92 58.3 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.710 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034229.D

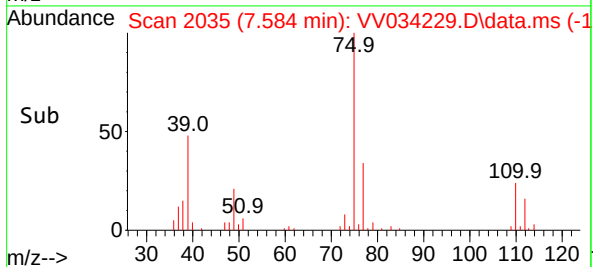
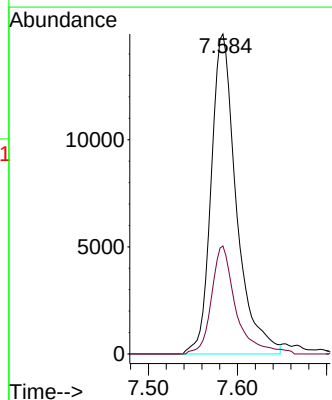
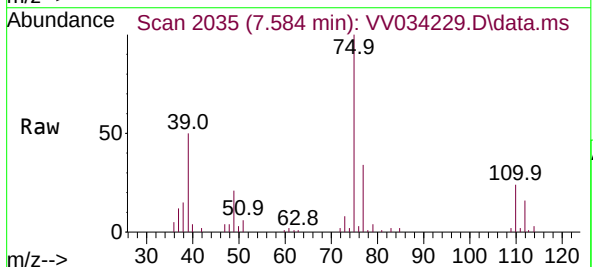
Acq: 19 Feb 2024 08:52

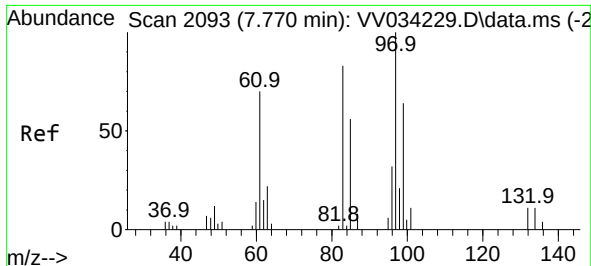
Tgt Ion: 75 Resp: 29389

Ion Ratio Lower Upper

75 100

77 33.7 22.2 41.2

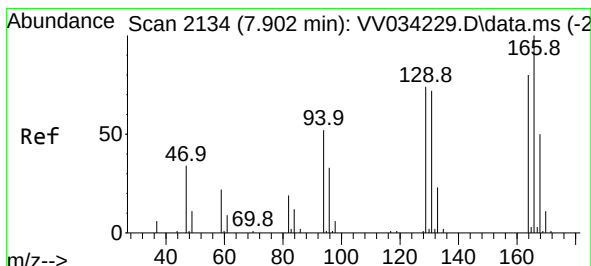
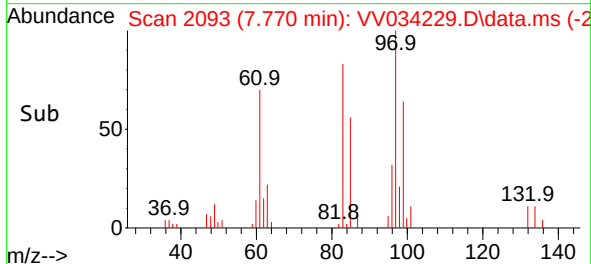
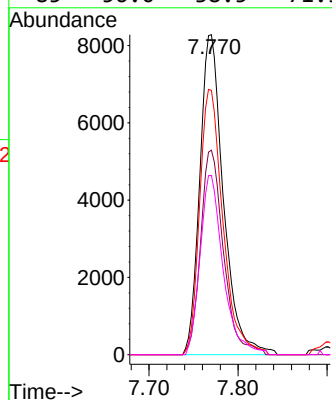
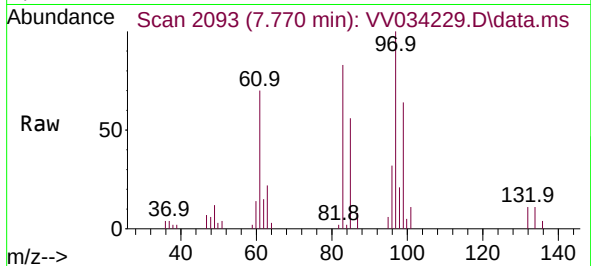




#45
1,1,2-Trichloroethane
Concen: 4.641 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

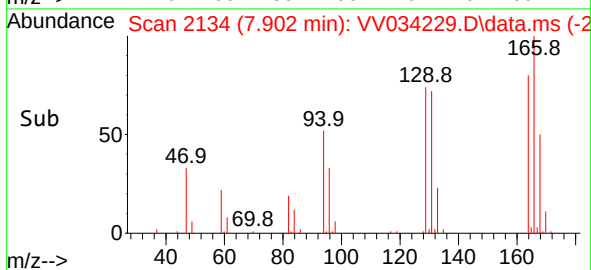
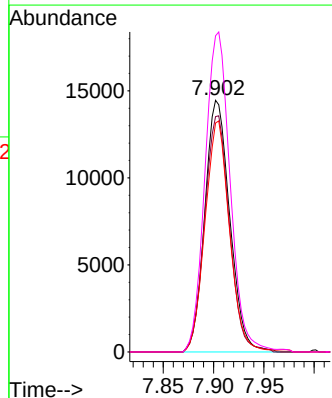
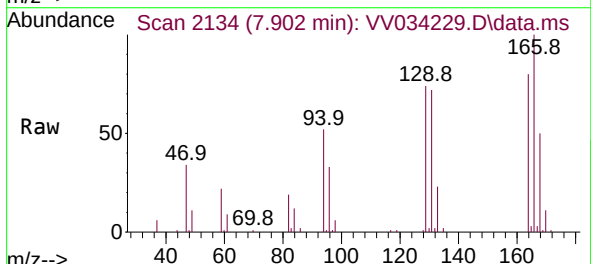
Instrument :
MSVOA_V
ClientSampleId :

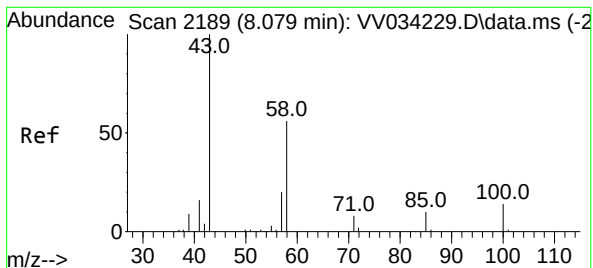
Tgt Ion: 97	Resp: 15307
Ion Ratio	Lower Upper
97 100	
99 63.9	45.6 84.6
83 82.6	62.3 115.7
85 56.0	38.5 71.5



#47
Tetrachloroethene
Concen: 4.820 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt	Ion:164	Resp:	24993
Ion	Ratio	Lower	Upper
164	100		
129	93.5	67.8	125.8
131	91.0	63.0	117.0
166	125.6	92.6	172.0





#48

2-Hexanone

Concen: 41.018 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 73949

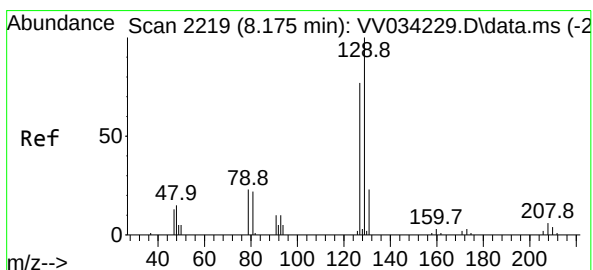
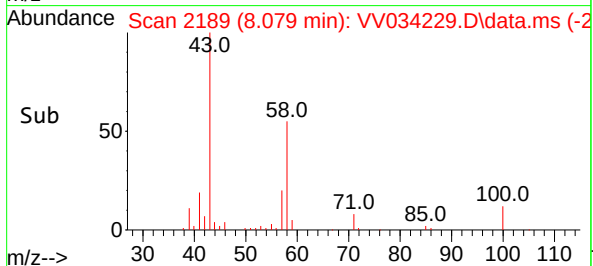
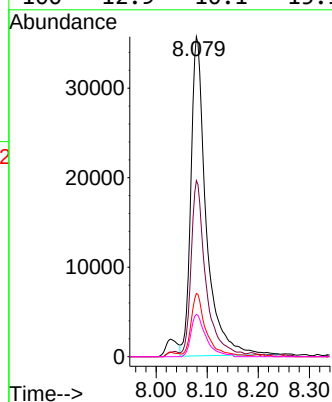
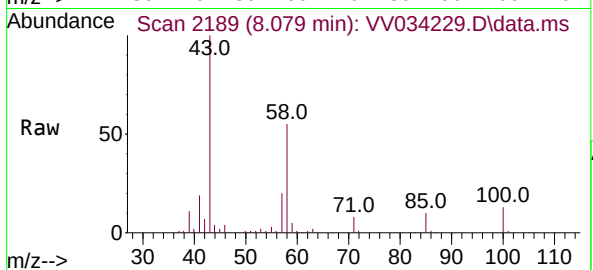
Ion Ratio Lower Upper

43 100

58 51.6 42.6 64.0

57 18.6 15.5 23.3

100 12.9 10.1 15.1



#49

Dibromochloromethane

Concen: 5.209 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV034229.D

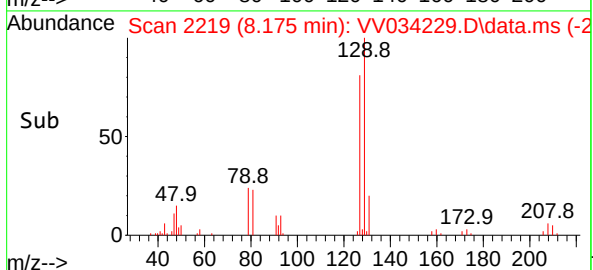
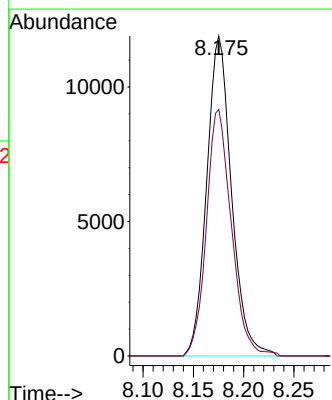
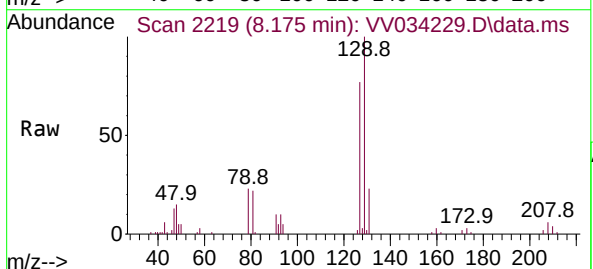
Acq: 19 Feb 2024 08:52

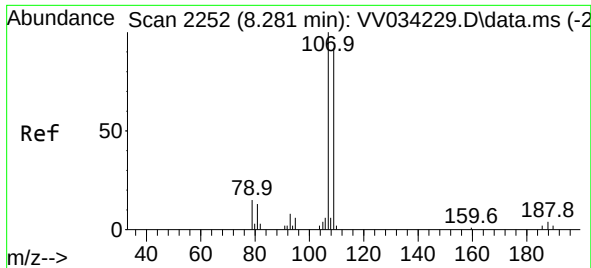
Tgt Ion: 129 Resp: 20416

Ion Ratio Lower Upper

129 100

127 77.0 53.5 99.5

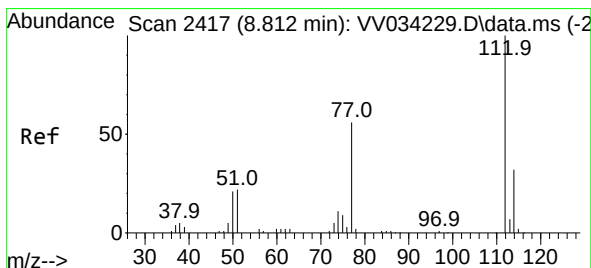
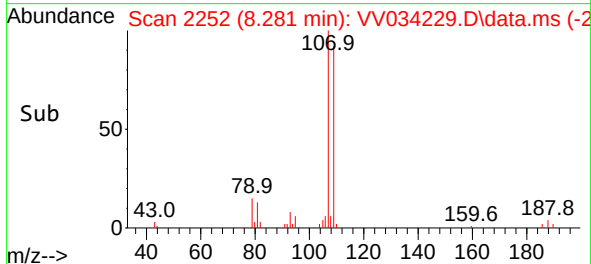
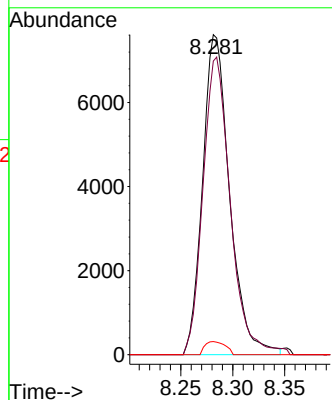
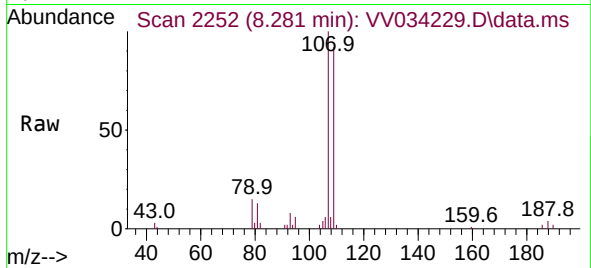




#50
1,2-Dibromoethane
Concen: 4.656 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

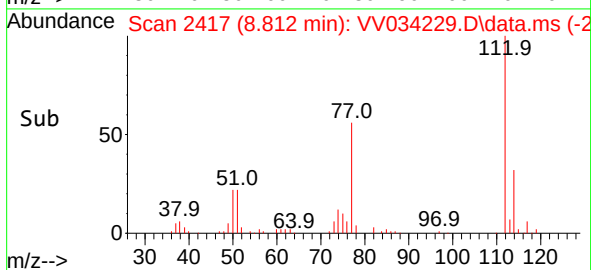
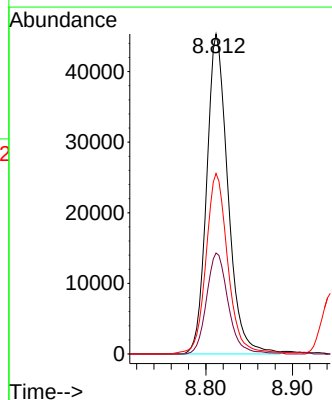
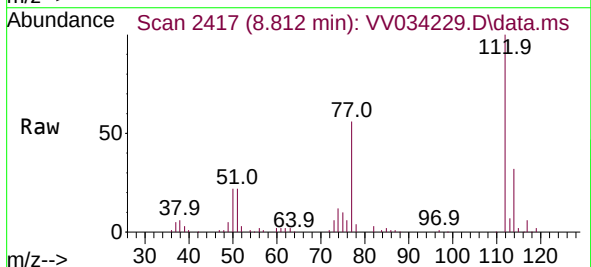
Instrument :
MSVOA_V
ClientSampleId :

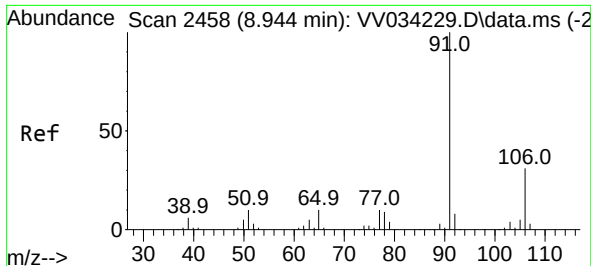
Tgt Ion:107 Resp: 13783
Ion Ratio Lower Upper
107 100
109 91.7 64.5 119.9
188 4.1 2.6 4.0#



#51
Chlorobenzene
Concen: 5.186 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.003 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt Ion:112 Resp: 77263
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.7
77 56.4 48.1 72.1

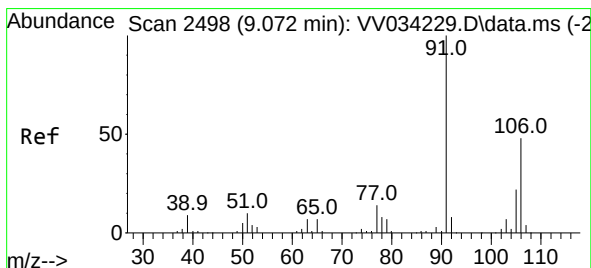
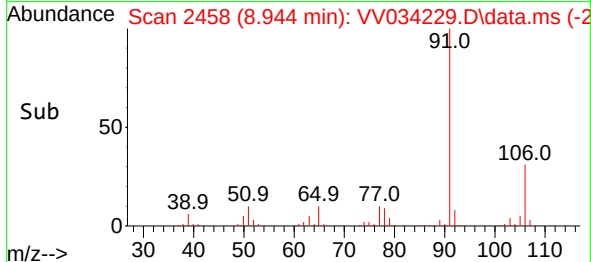
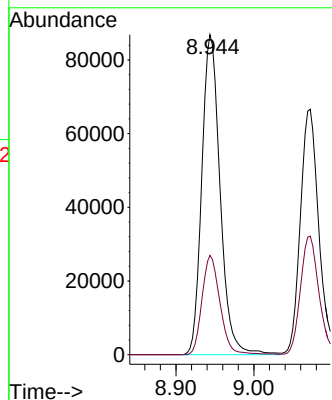
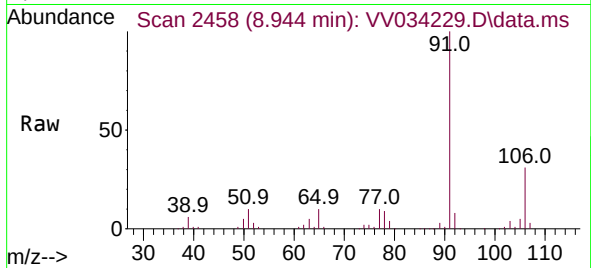




#52
Ethylbenzene
Concen: 5.231 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

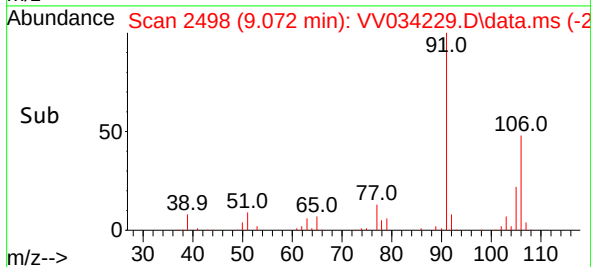
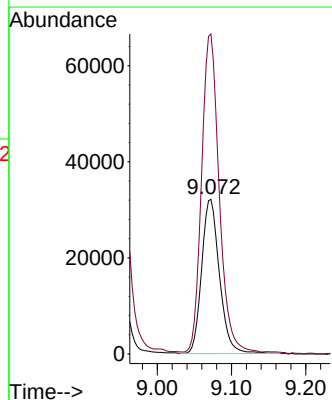
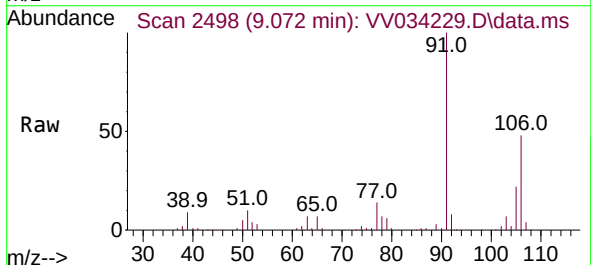
Instrument :
MSVOA_V
ClientSampleId :

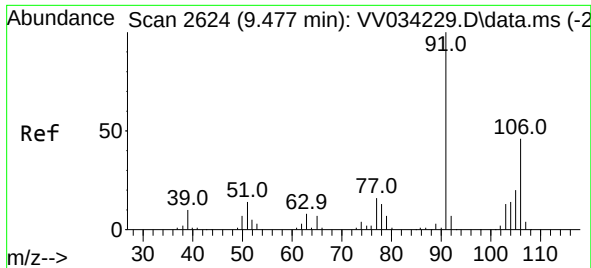
Tgt Ion: 91 Resp: 141896
Ion Ratio Lower Upper
91 100
106 31.0 21.4 39.8



#53
m,p-Xylene
Concen: 5.218 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt Ion: 106 Resp: 53488
Ion Ratio Lower Upper
106 100
91 207.0 147.5 273.9

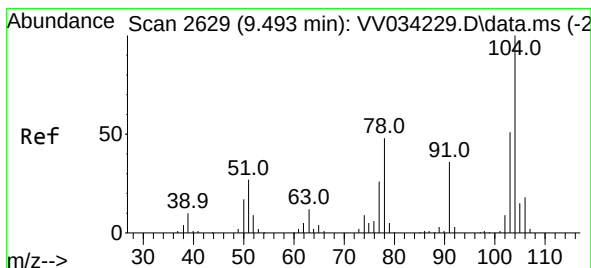
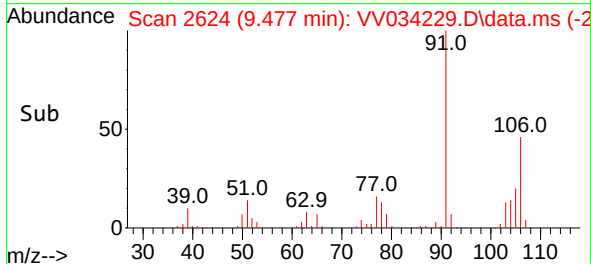
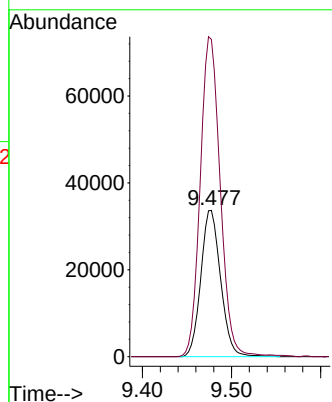
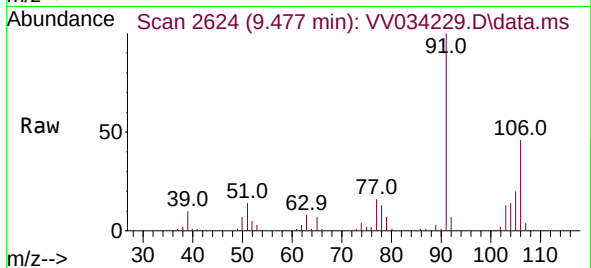




#54
o-Xylene
Concen: 5.253 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

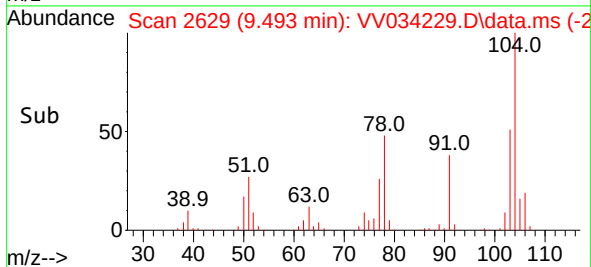
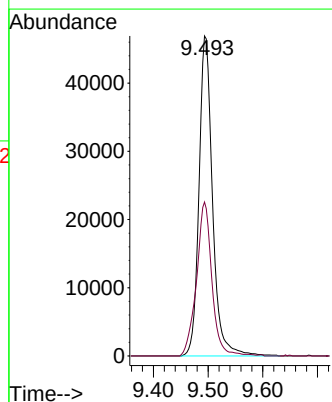
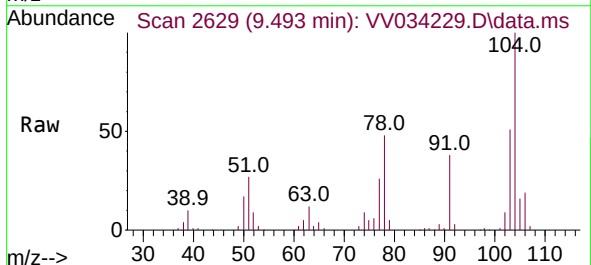
Instrument :
MSVOA_V
ClientSampleId :

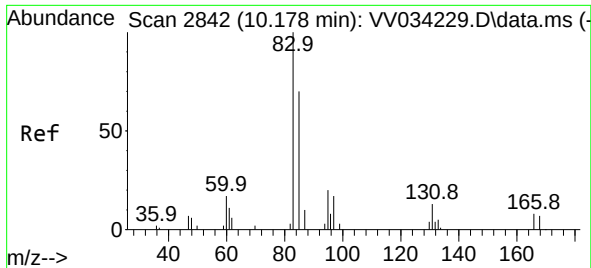
Tgt Ion:106 Resp: 51923
Ion Ratio Lower Upper
106 100
91 216.9 156.2 290.0



#55
Styrene
Concen: 5.108 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt Ion:104 Resp: 80842
Ion Ratio Lower Upper
104 100
78 48.1 32.9 61.1

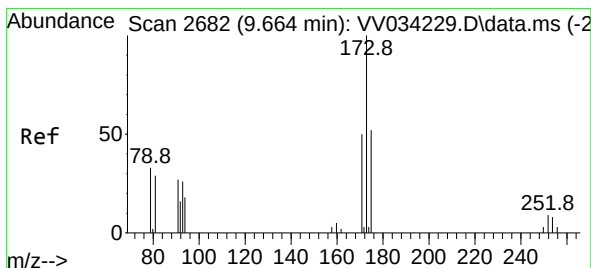
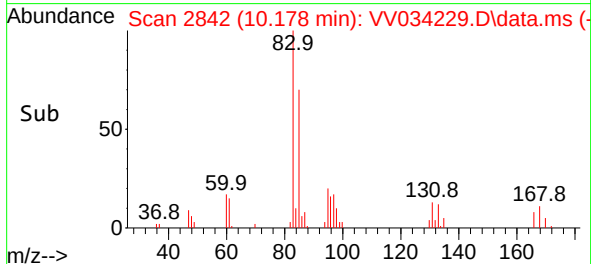
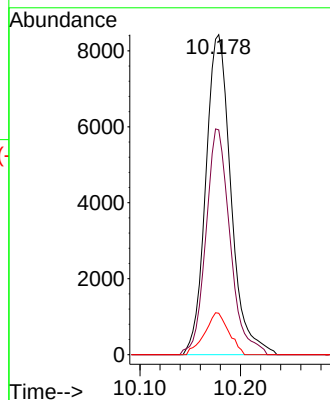
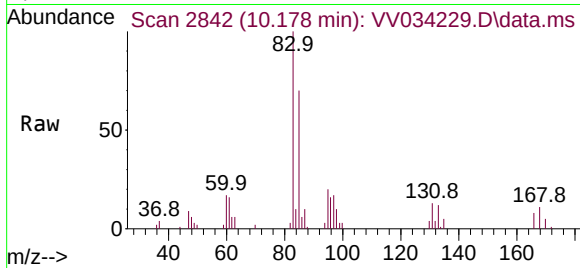




#57
1,1,2,2-Tetrachloroethane
Concen: 4.214 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

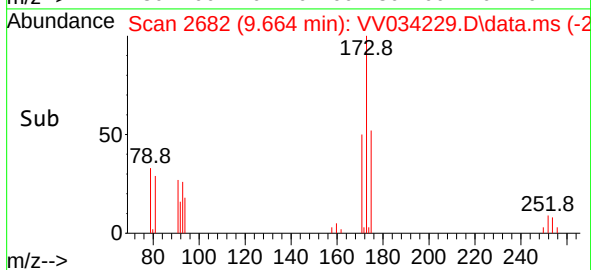
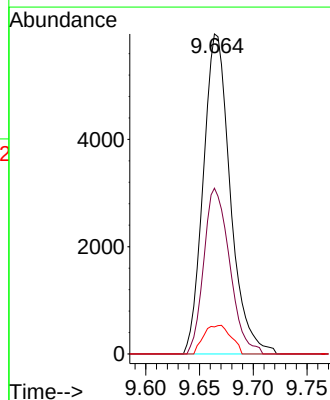
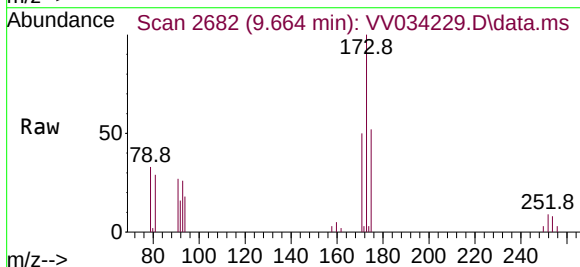
Instrument :
MSVOA_V
ClientSampleId :

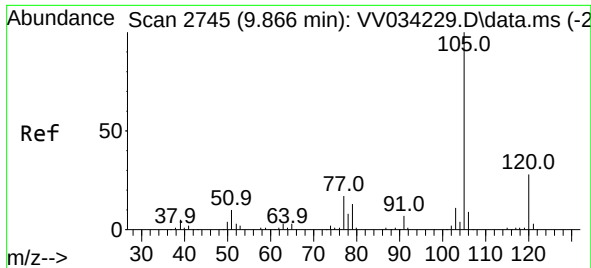
Tgt Ion: 83 Resp: 14670
Ion Ratio Lower Upper
83 100
85 70.2 46.5 86.3
131 12.9 8.4 12.6#



#59
Bromoform
Concen: 5.124 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.003 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt Ion: 173 Resp: 10412
Ion Ratio Lower Upper
173 100
175 49.7 38.6 57.8
254 9.0 7.2 10.8

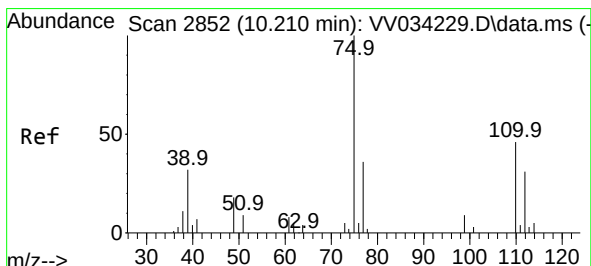
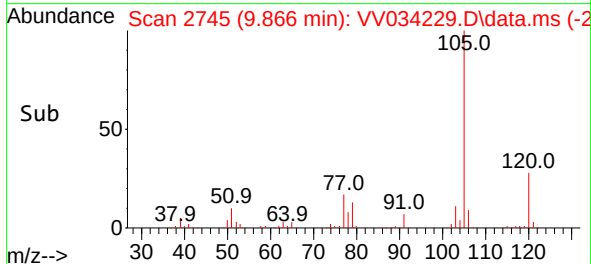
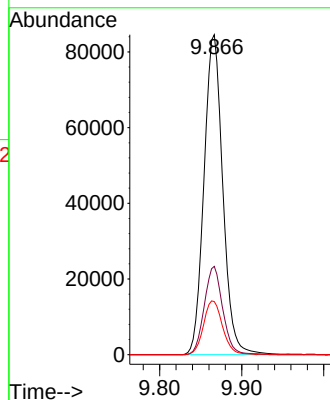
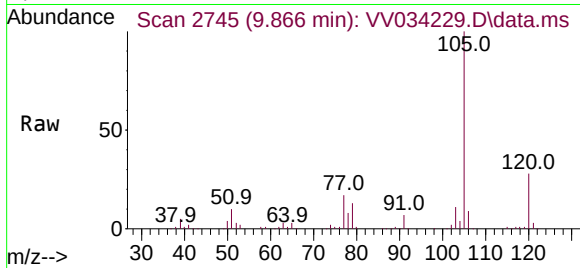




#60
Isopropylbenzene
Concen: 4.930 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

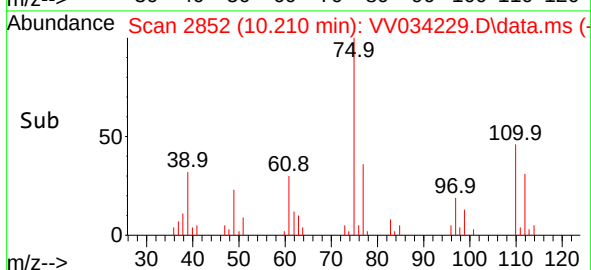
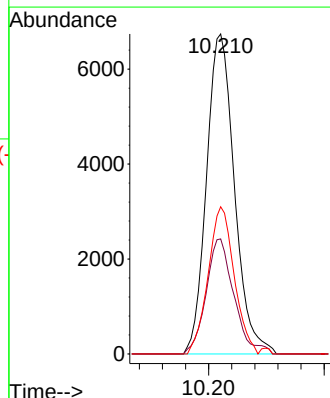
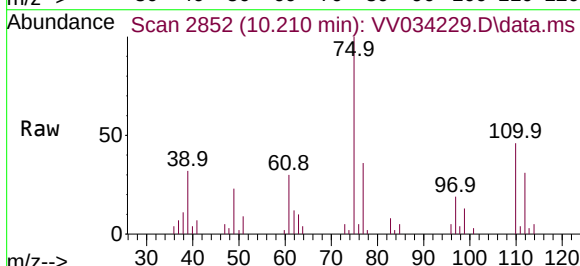
Instrument :
MSVOA_V
ClientSampleId :

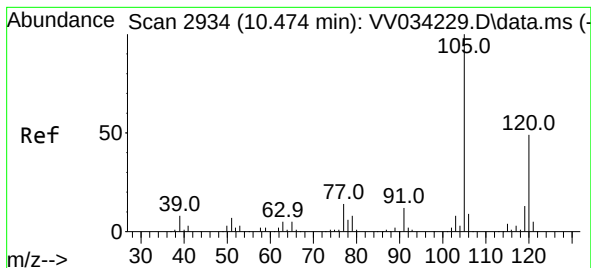
Tgt Ion:105 Resp: 134561
Ion Ratio Lower Upper
105 100
120 27.1 20.7 31.1
77 17.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.468 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt Ion: 75 Resp: 11331
Ion Ratio Lower Upper
75 100
77 35.8 26.9 40.3
110 42.8 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 5.154 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034229.D

Acq: 19 Feb 2024 08:52

Instrument :

MSVOA_V

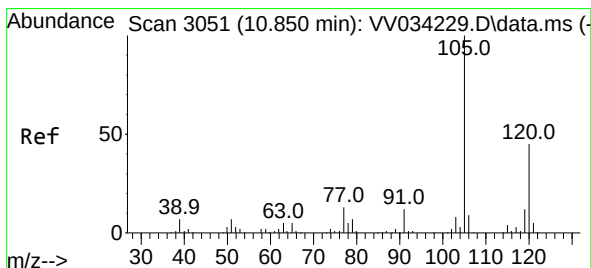
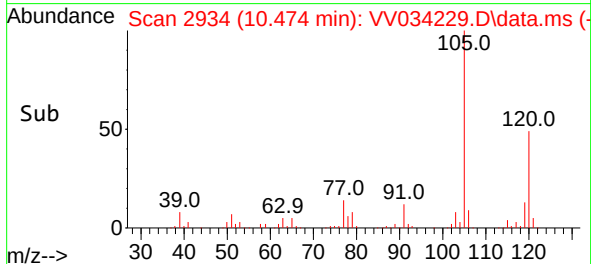
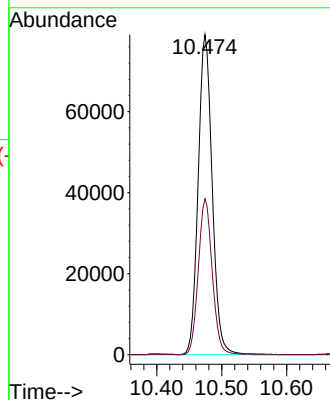
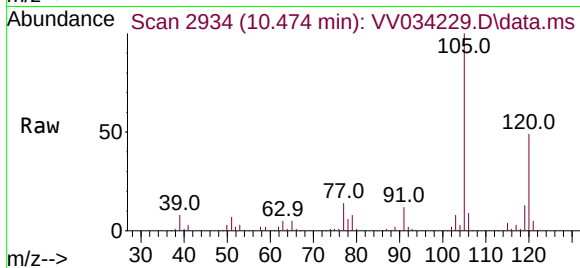
ClientSampleId :

Tgt Ion:105 Resp: 118925

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.082 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034229.D

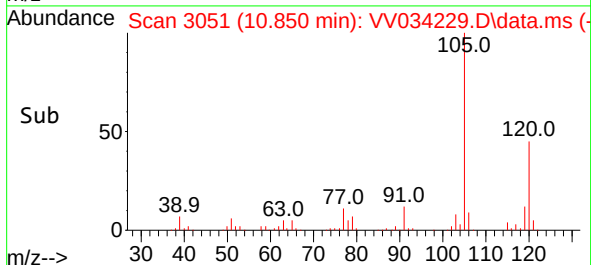
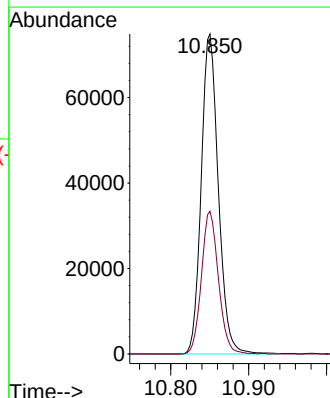
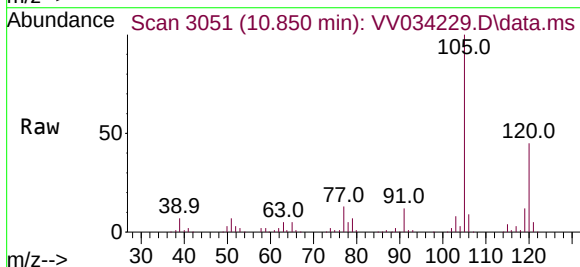
Acq: 19 Feb 2024 08:52

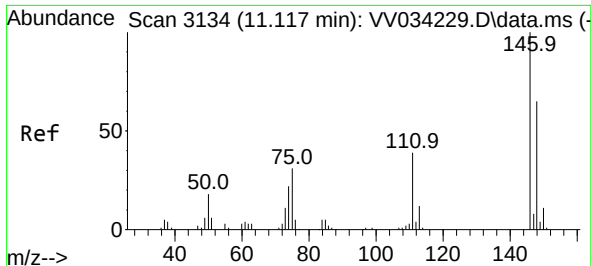
Tgt Ion:105 Resp: 113949

Ion Ratio Lower Upper

105 100

120 44.3 36.2 54.2

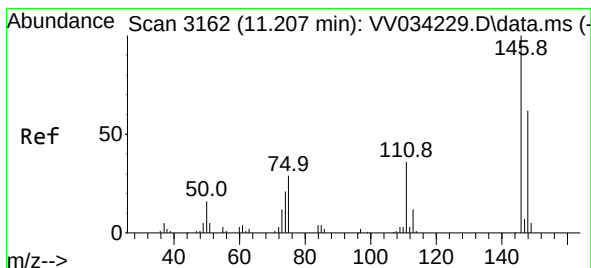
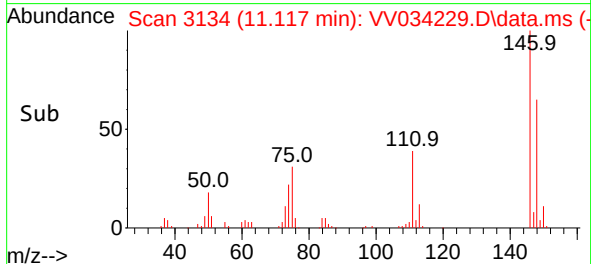
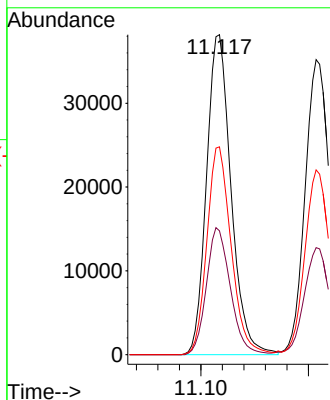
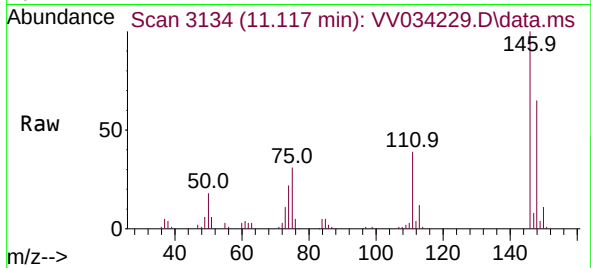




#64
1,3-Dichlorobenzene
Concen: 5.089 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

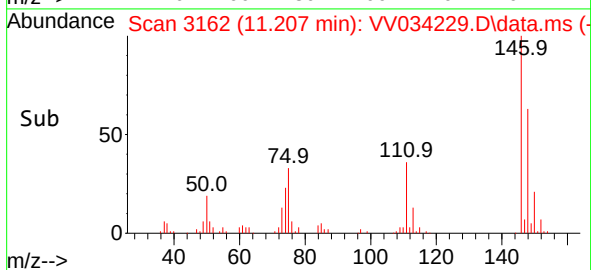
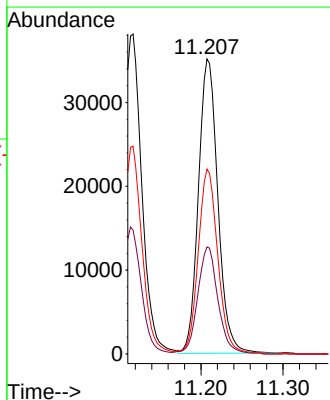
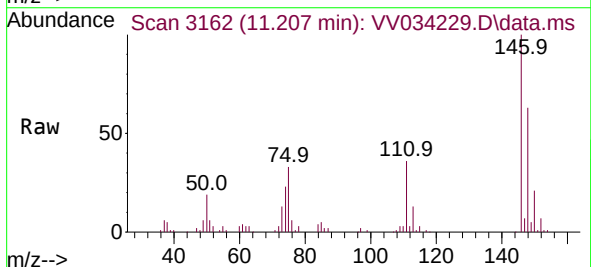
Instrument :
MSVOA_V
ClientSampleId :

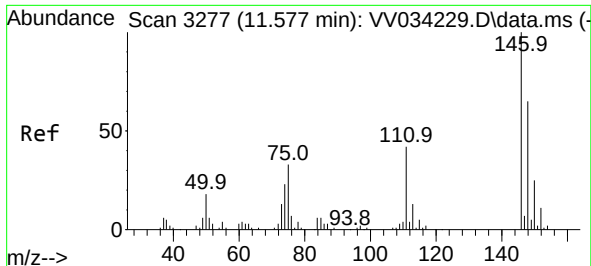
Tgt Ion:146 Resp: 60566
Ion Ratio Lower Upper
146 100
111 38.7 28.5 52.9
148 65.0 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.909 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt Ion:146 Resp: 57853
Ion Ratio Lower Upper
146 100
111 36.3 27.6 51.4
148 62.6 44.8 83.2

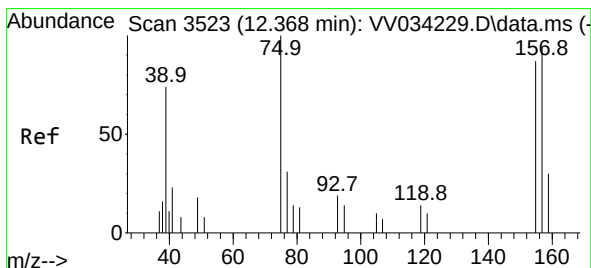
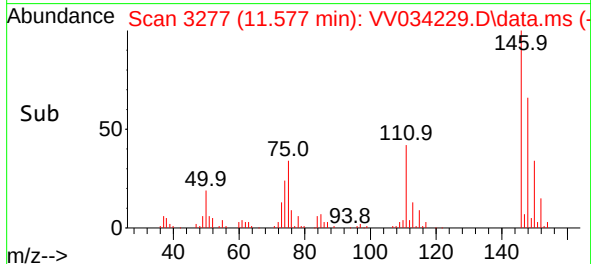
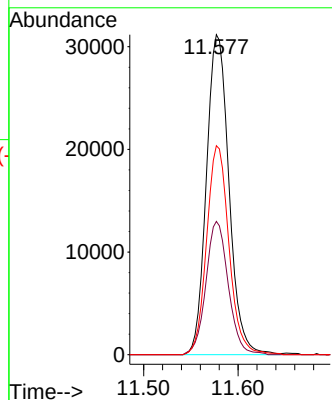
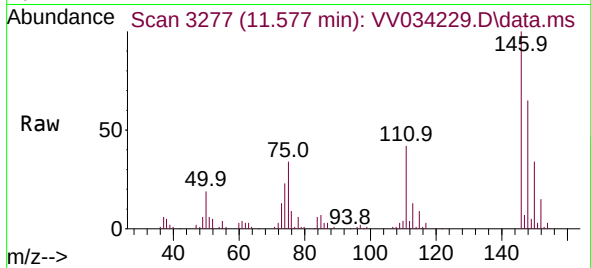




#67
1,2-Dichlorobenzene
Concen: 5.055 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

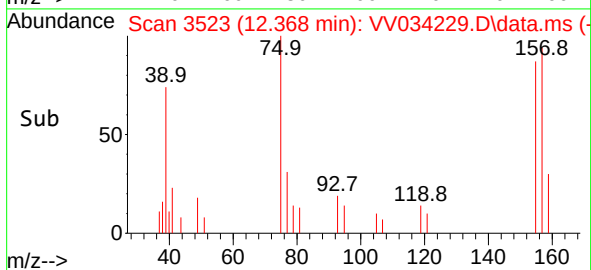
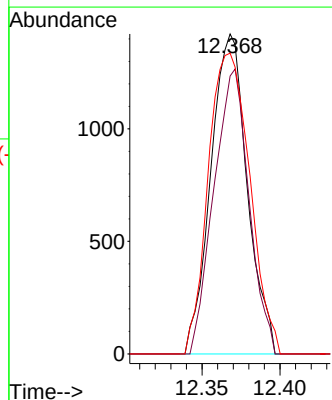
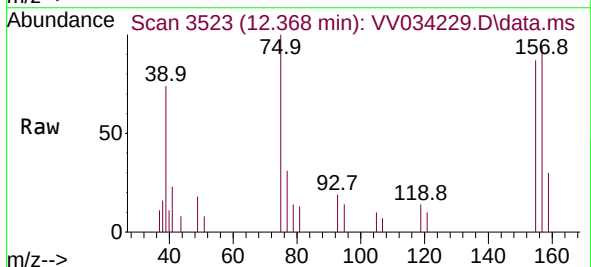
Instrument :
MSVOA_V
ClientSampleId :

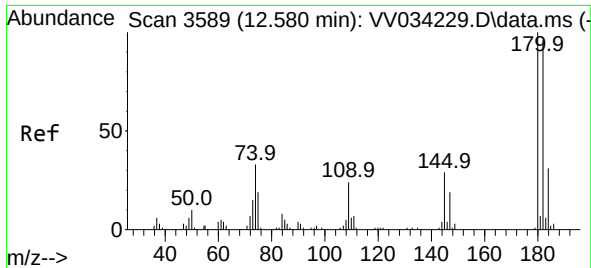
Tgt Ion:146 Resp: 51663
Ion Ratio Lower Upper
146 100
111 41.7 31.2 46.8
148 65.3 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.354 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

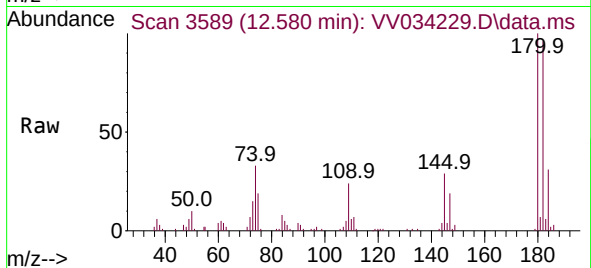
Tgt Ion: 75 Resp: 2314
Ion Ratio Lower Upper
75 100
155 86.8 68.9 103.3
157 94.0 84.6 127.0



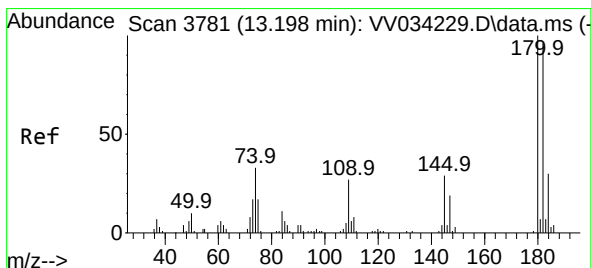
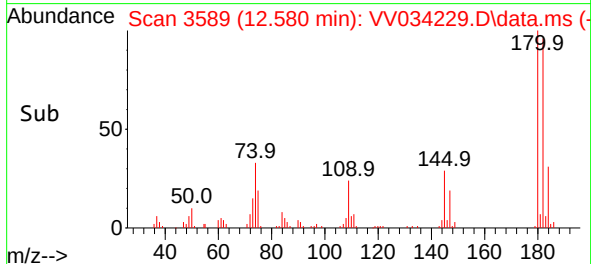
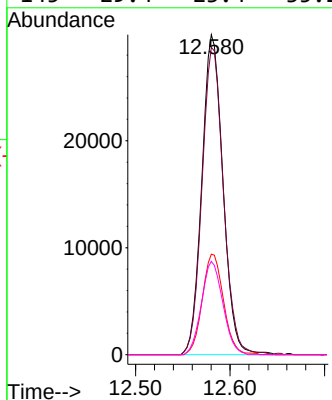


#69
 1,3,5-Trichlorobenzene
 Concen: 5.041 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. -0.003 min
 Lab File: VV034229.D
 Acq: 19 Feb 2024 08:52

Instrument :
 MSVOA_V
 ClientSampleId :

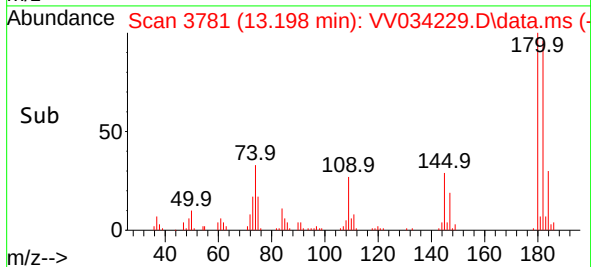
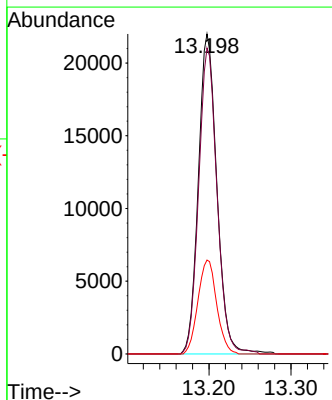
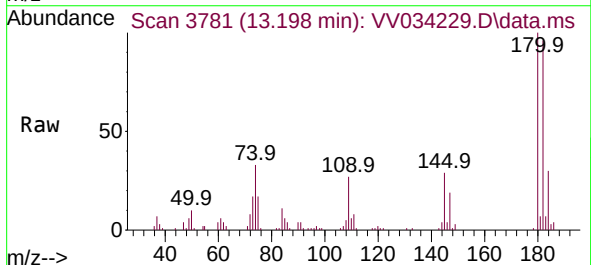


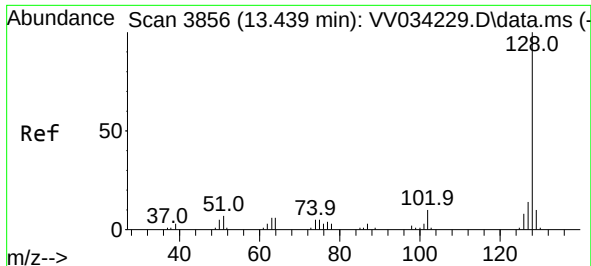
Tgt Ion:180 Resp: 46427
 Ion Ratio Lower Upper
 180 100
 182 97.4 77.0 115.4
 184 31.5 23.8 35.6
 145 29.4 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.797 ug/L
 RT: 13.198 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV034229.D
 Acq: 19 Feb 2024 08:52

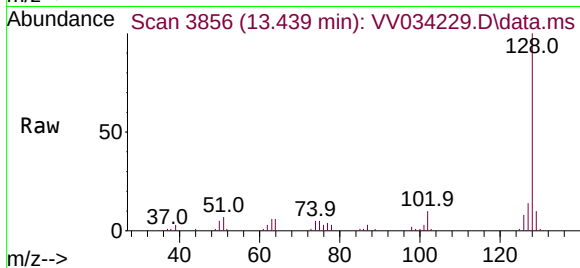
Tgt Ion:180 Resp: 34491
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.8 115.2
 145 29.7 24.8 37.2



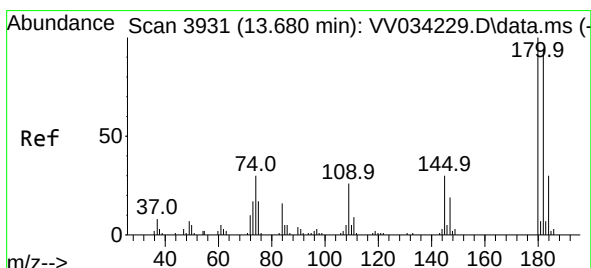
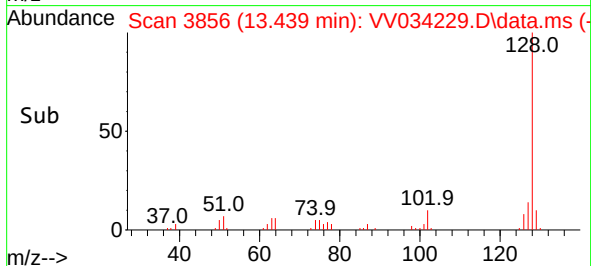
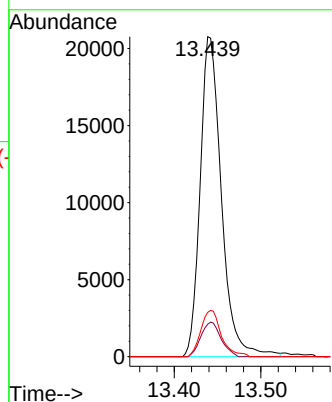


#71
Naphthalene
Concen: 3.759 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. -0.003 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 35412
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 13.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.661 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV034229.D
Acq: 19 Feb 2024 08:52

Tgt Ion:180 Resp: 26849
Ion Ratio Lower Upper
180 100
182 92.7 75.0 112.6
145 30.8 25.2 37.8

