

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041824\
 Data File : VW035294.D
 Acq On : 18 Apr 2024 20:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 01:44:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	325020	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	318077	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	164372	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	135617	43.205	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.420%
7) Chloroethane-d5	1.522	69	104532	38.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.680%
11) 1,1-Dichloroethene-d2	2.056	65	59204	43.028	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.060%
21) 2-Butanone-d5	3.789	46	191688	102.969	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.970%
24) Chloroform-d	4.249	84	285186	54.038	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.080%
26) 1,2-Dichloroethane-d4	4.940	65	173842	51.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.760%
32) Benzene-d6	4.960	84	550441	51.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.040%
36) 1,2-Dichloropropane-d6	5.989	67	177818	52.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.820%
41) Toluene-d8	7.243	98	500481	52.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.020%
43) trans-1,3-Dichloroprop...	7.551	79	78722	47.728	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.460%
47) 2-Hexanone-d5	8.024	63	135158	105.365	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.360%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	253187	54.191	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.380%
66) 1,2-Dichlorobenzene-d4	11.557	152	186850	50.630	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	95916	40.717	ug/L	99
3) Chloromethane	1.214	50	123087	40.644	ug/L	99
5) Vinyl chloride	1.285	62	130177	41.003	ug/L	99
6) Bromomethane	1.481	94	56284	23.651	ug/L	98
8) Chloroethane	1.539	64	92755	42.778	ug/L	97
9) Trichlorofluoromethane	1.709	101	186431	44.741	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	120639	47.301	ug/L	97
12) 1,1-Dichloroethene	2.066	96	104918	43.012	ug/L	99
13) Acetone	2.117	43	131804	77.119	ug/L	98
14) Carbon disulfide	2.236	76	267745	38.977	ug/L	100
15) Methyl Acetate	2.375	43	156117	57.965	ug/L	100
16) Methylene chloride	2.445	84	146858	55.564	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	120989	51.303	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	463922	56.006	ug/L	99
19) 1,1-Dichloroethane	3.111	63	272844	56.417	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	148055	55.286	ug/L	97
22) 2-Butanone	3.870	43	180759	91.144	ug/L	97
23) Bromochloromethane	4.146	128	80574	60.136	ug/L	92
25) Chloroform	4.275	83	278181	58.179	ug/L	100

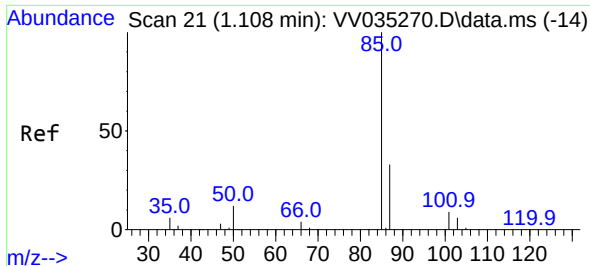
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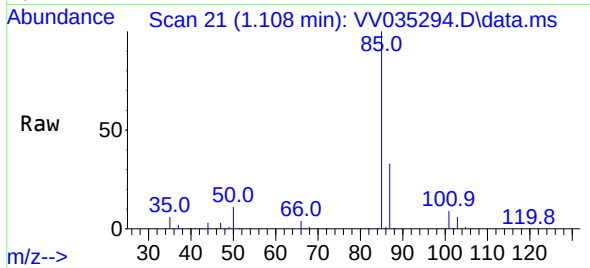
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	215724	56.666	ug/L	97
29) Cyclohexane	4.580	56	182250	45.747	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	225999	54.508	ug/L	99
31) Carbon tetrachloride	4.735	117	192279	54.715	ug/L	99
33) Benzene	5.008	78	557786	53.778	ug/L	100
34) Trichloroethene	5.831	95	141002	50.373	ug/L	99
35) Methylcyclohexane	6.050	83	200448	47.416	ug/L	99
37) 1,2-Dichloropropane	6.091	63	163979	57.208	ug/L	100
38) Bromodichloromethane	6.432	83	211500	57.189	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	229195	50.759	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	402957	110.108	ug/L	100
42) Toluene	7.313	91	592877	54.599	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	223018	53.760	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	162872	60.286	ug/L	98
46) Tetrachloroethene	7.905	164	107713	55.079	ug/L	96
48) 2-Hexanone	8.075	43	306041	98.324	ug/L	97
49) Dibromochloromethane	8.175	129	159383	59.565	ug/L	99
50) 1,2-Dibromoethane	8.281	107	163428	56.187	ug/L	98
51) Chlorobenzene	8.812	112	415737	59.072	ug/L	100
52) Ethylbenzene	8.943	91	635952	52.843	ug/L	100
53) m,p-Xylene	9.072	106	237708	53.635	ug/L	99
54) o-Xylene	9.477	106	241046	54.969	ug/L	99
55) Styrene	9.493	104	423612	57.164	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	270181	61.723	ug/L	99
59) Bromoform	9.664	173	115884	61.521	ug/L	98
60) Isopropylbenzene	9.866	105	644820	54.416	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	200643	56.331	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	409809	53.250	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	514099	54.030	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	304260	54.944	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	322423	57.254	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	347672	63.024	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	48889	49.821	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	211213	52.922	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	191785	52.314	ug/L	99
71) Naphthalene	13.435	128	410302	40.340	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	186747	51.678	ug/L	99

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

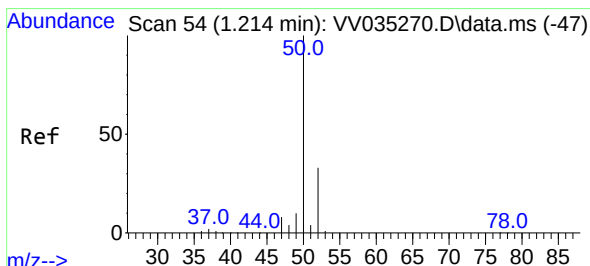
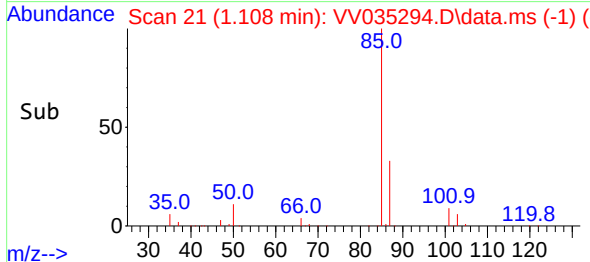
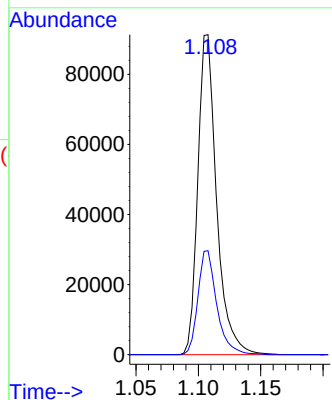


#2
 Dichlorodifluoromethane
 Concen: 40.717 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035294.D
 Acq: 18 Apr 2024 20:20

Instrument :
 MSVOA_V
 ClientSampleId :

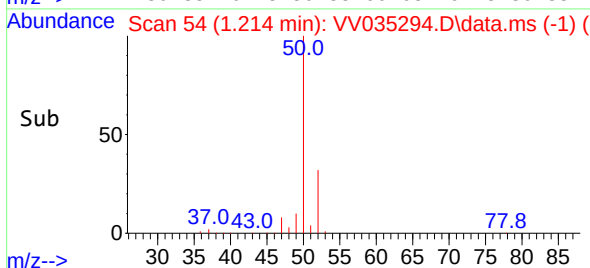
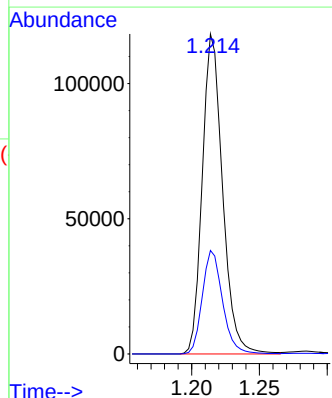
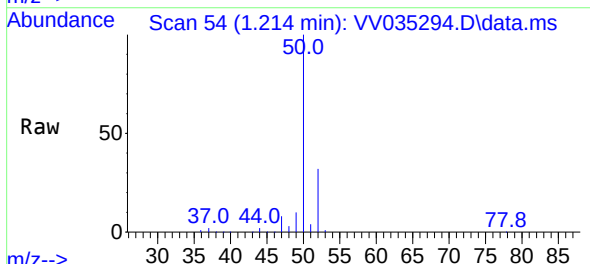


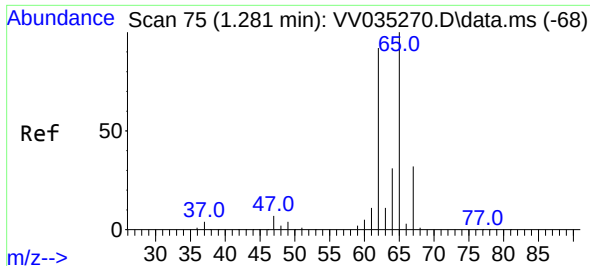
Tgt Ion: 85 Resp: 95916
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.7 38.5



#3
 Chloromethane
 Concen: 40.644 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV035294.D
 Acq: 18 Apr 2024 20:20

Tgt Ion: 50 Resp: 123087
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.8

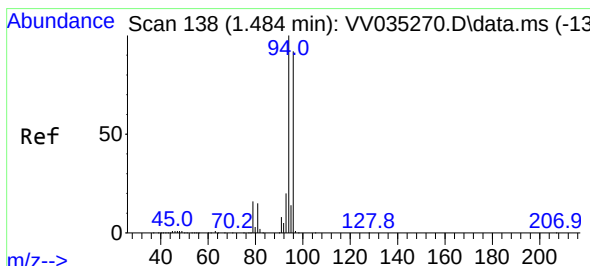
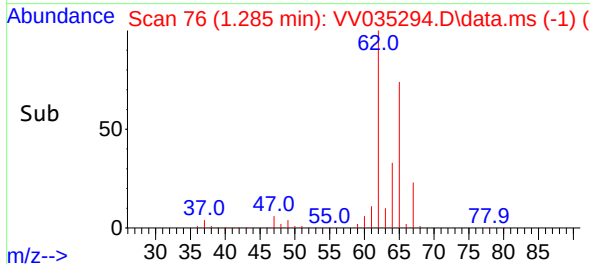
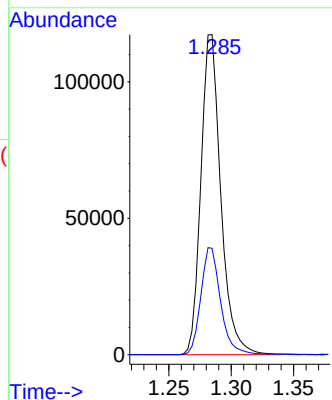
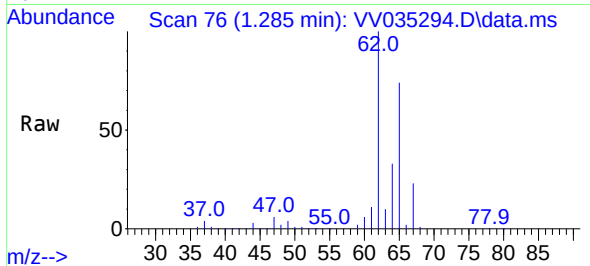




#5
 Vinyl chloride
 Concen: 41.003 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV035294.D
 Acq: 18 Apr 2024 20:20

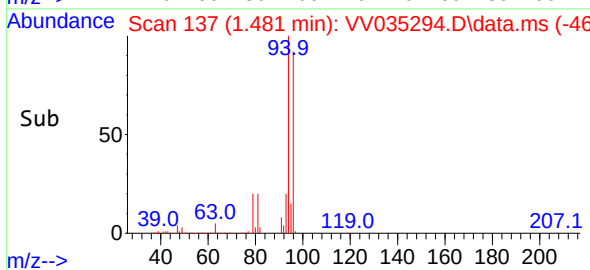
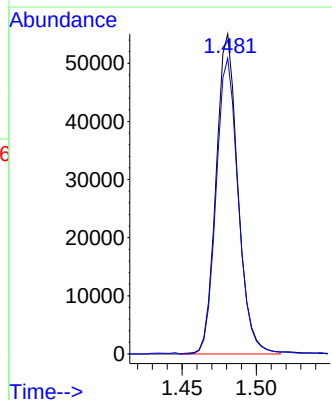
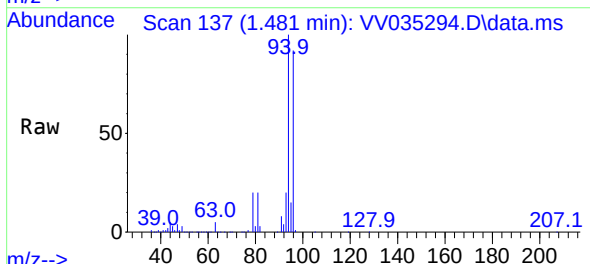
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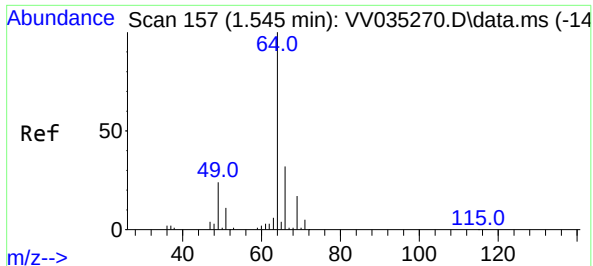
Tgt Ion: 62 Resp: 130177
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.6 43.8



#6
 Bromomethane
 Concen: 23.651 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.007 min
 Lab File: VV035294.D
 Acq: 18 Apr 2024 20:20

Tgt Ion: 94 Resp: 56284
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.3 123.1

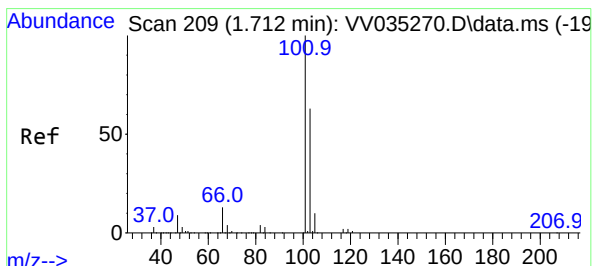
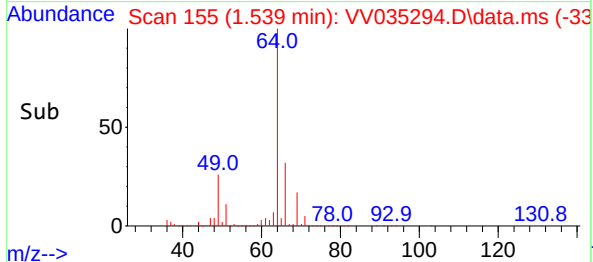
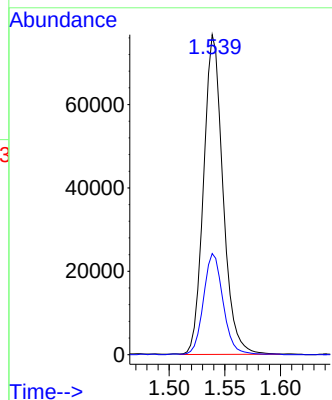
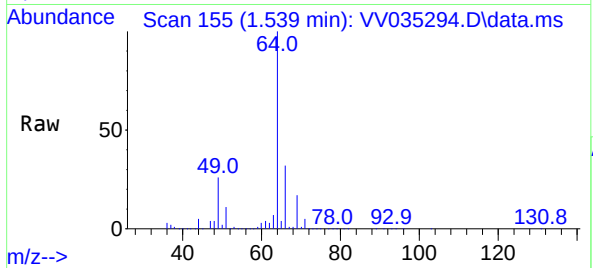




#8
Chloroethane
Concen: 42.778 ug/L
RT: 1.539 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

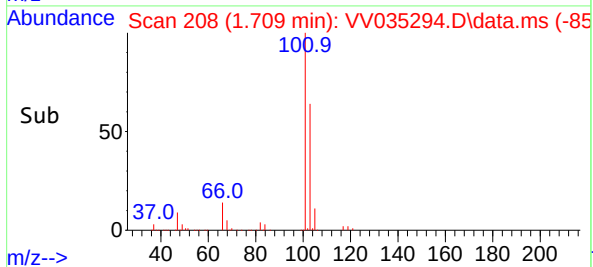
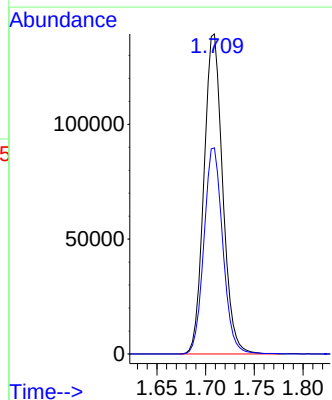
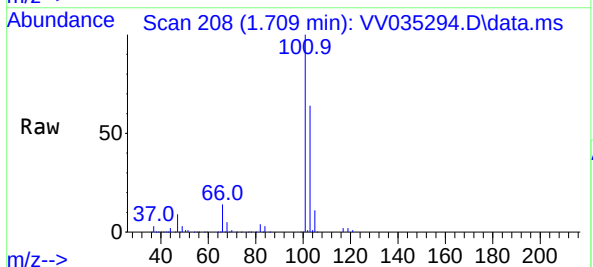
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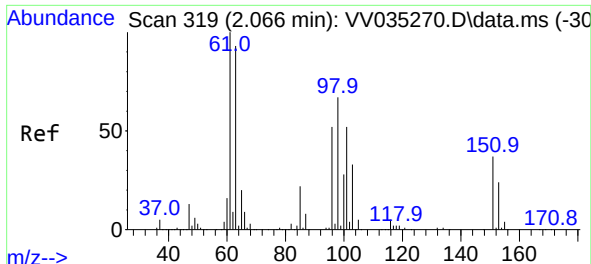
Tgt Ion: 64 Resp: 92755
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 44.741 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion:101 Resp: 186431
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

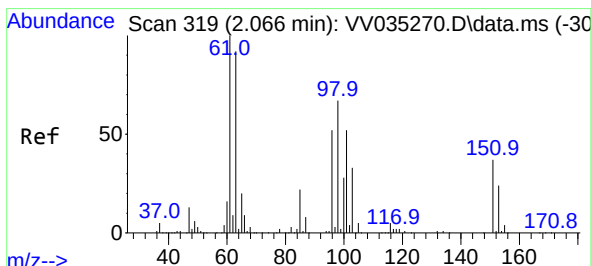
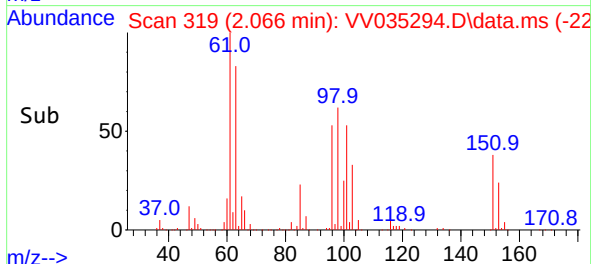
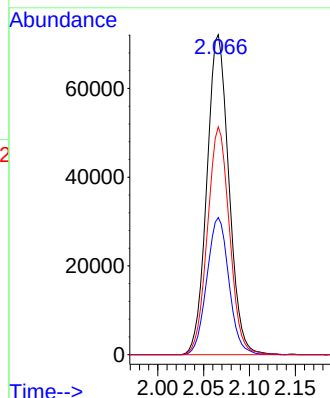
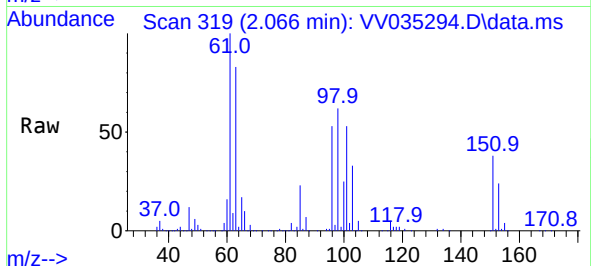




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.301 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

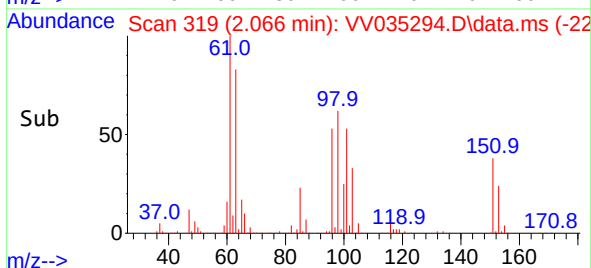
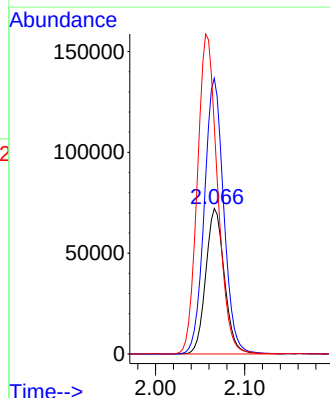
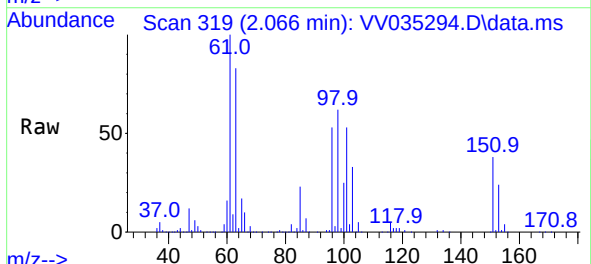
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MSVOA_V
ClientSampleId :

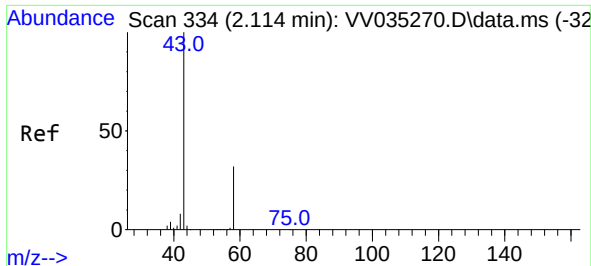
Tgt Ion:101 Resp: 120639
Ion Ratio Lower Upper
101 100
85 42.9 35.3 52.9
151 71.1 55.0 82.4



#12
1,1-Dichloroethene
Concen: 43.012 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion: 96 Resp: 104918
Ion Ratio Lower Upper
96 100
61 189.5 131.5 244.3
63 157.1 111.4 206.8





#13

Acetone

Concen: 77.119 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

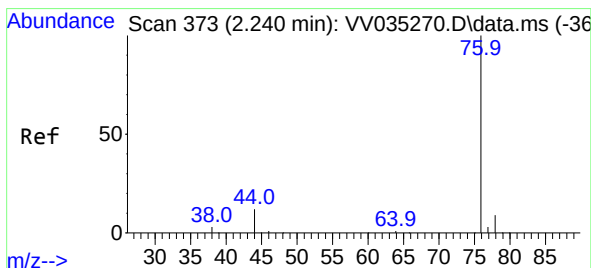
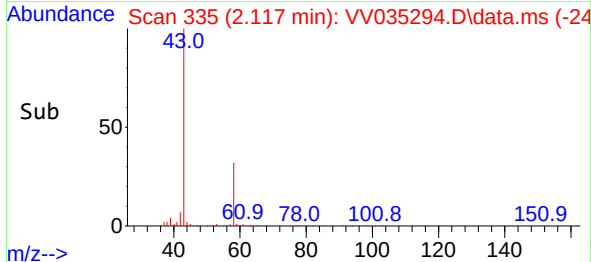
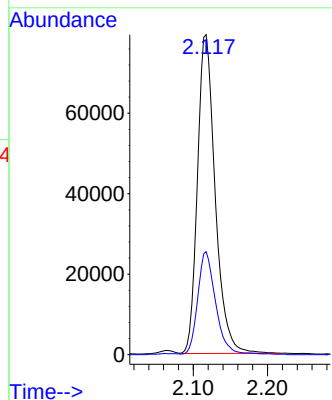
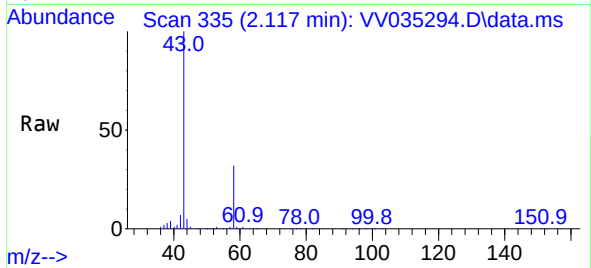
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 131804

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	66.0



#14

Carbon disulfide

Concen: 38.977 ug/L

RT: 2.236 min Scan# 372

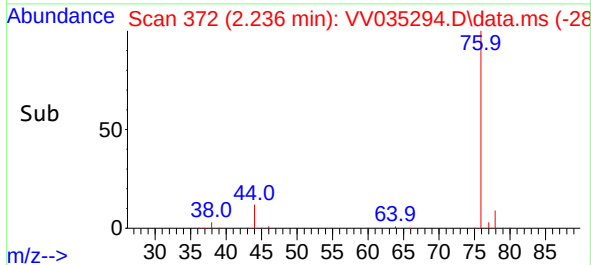
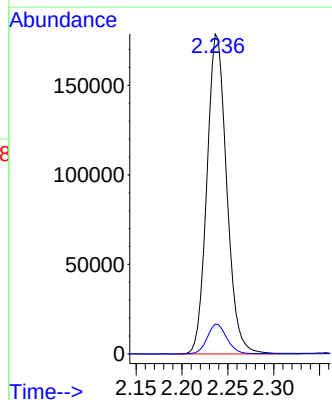
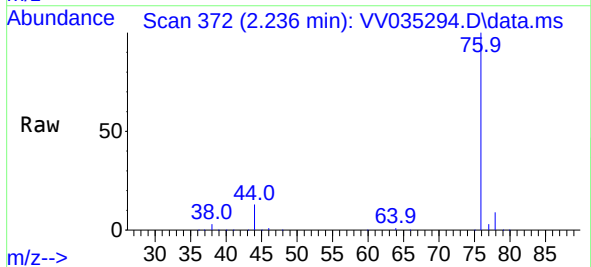
Delta R.T. -0.003 min

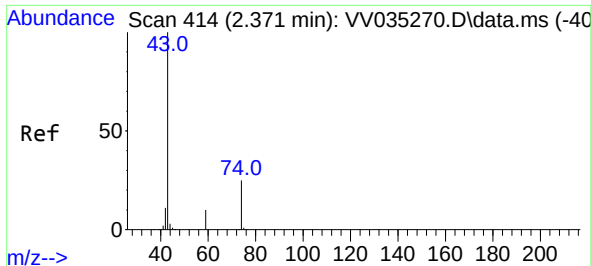
Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

Tgt Ion: 76 Resp: 267745

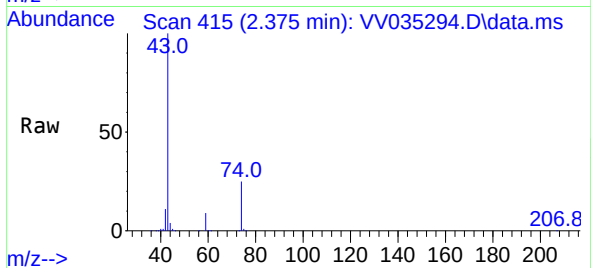
Ion	Ratio	Lower	Upper
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78	9.4	7.4	11.0



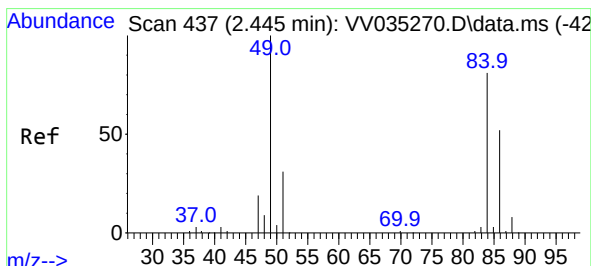
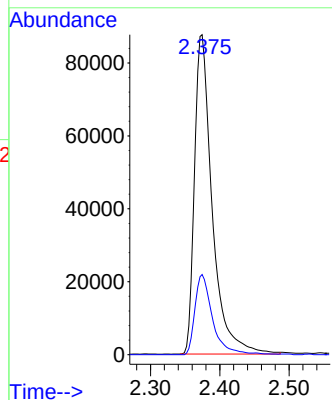
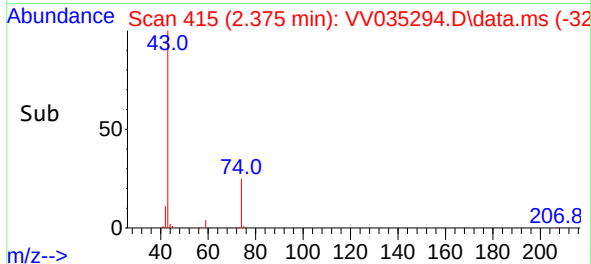


#15
Methyl Acetate
Concen: 57.965 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Instrument :
MSVOA_V
ClientSampleId :

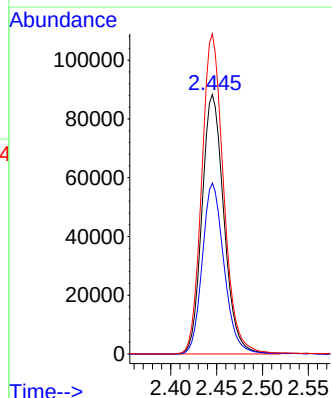
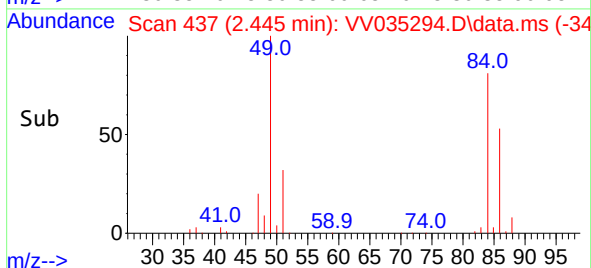
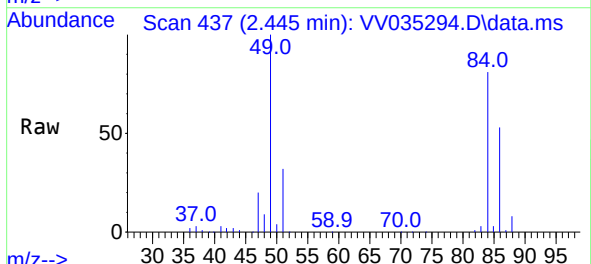


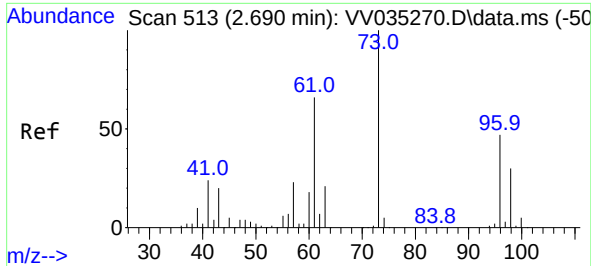
Tgt Ion: 43 Resp: 156117
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.8



#16
Methylene chloride
Concen: 55.564 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion: 84 Resp: 146858
Ion Ratio Lower Upper
84 100
86 65.9 44.6 82.8
49 123.3 86.9 161.3

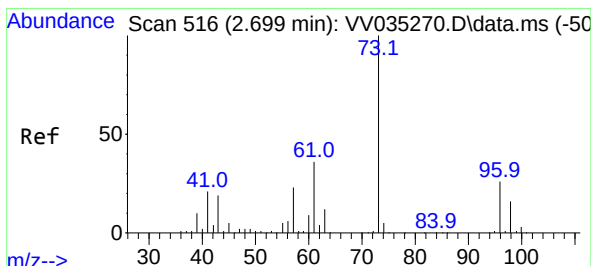
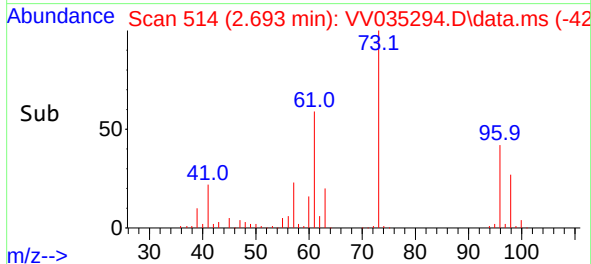
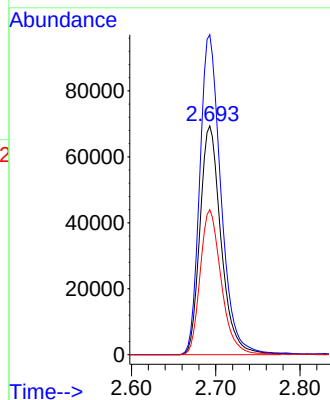
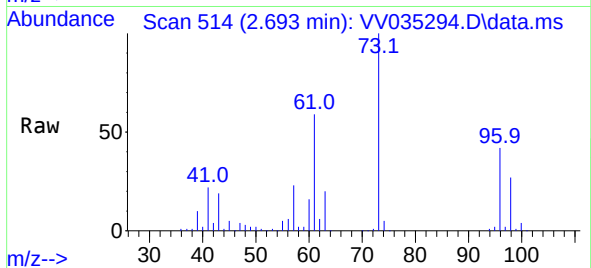




#17
trans-1,2-Dichloroethene
Concen: 51.303 ug/L
RT: 2.693 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

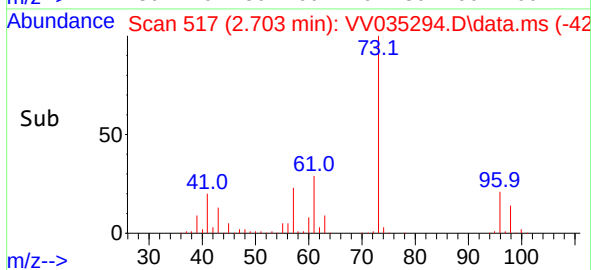
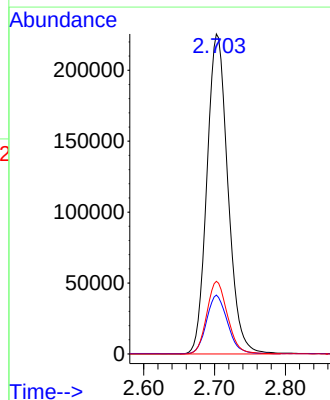
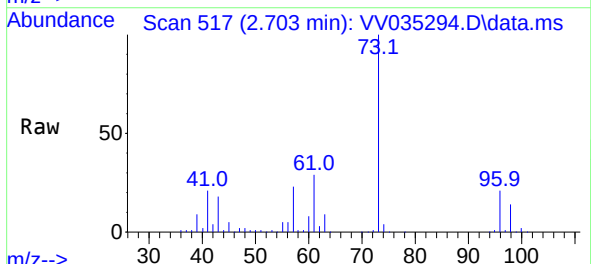
Instrument :
MSVOA_V
ClientSampleId :

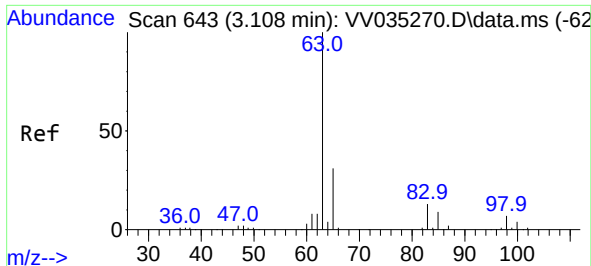
Tgt Ion: 96 Resp: 120989
Ion Ratio Lower Upper
96 100
61 139.9 99.0 183.8
98 63.4 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 56.006 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion: 73 Resp: 463922
Ion Ratio Lower Upper
73 100
43 18.1 14.6 21.8
57 22.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 56.417 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

Instrument :

MSVOA_V

ClientSampleId :

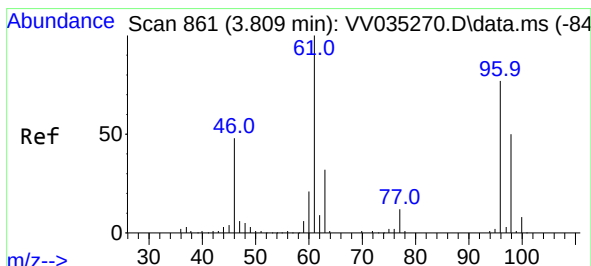
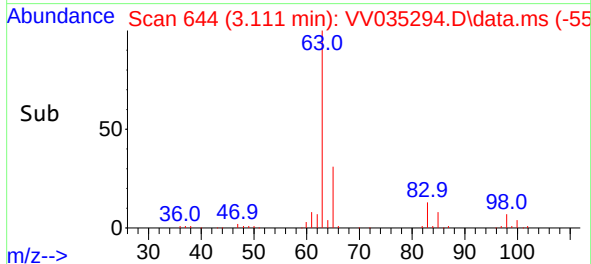
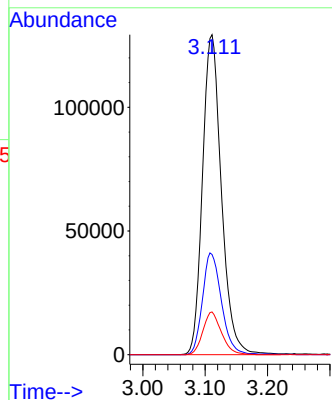
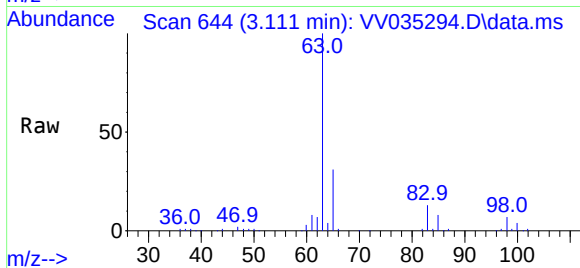
Tgt Ion: 63 Resp: 272844

Ion Ratio Lower Upper

63 100

65 31.3 23.0 42.6

83 13.4 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 55.286 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

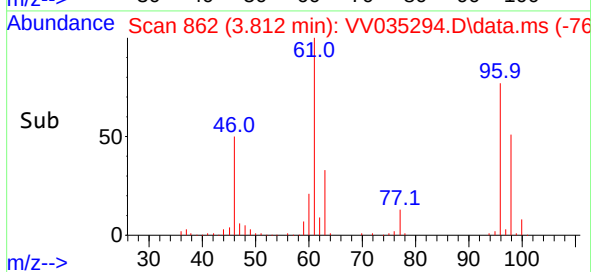
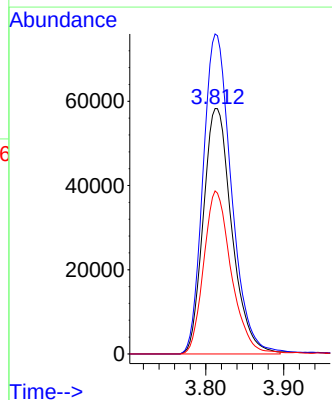
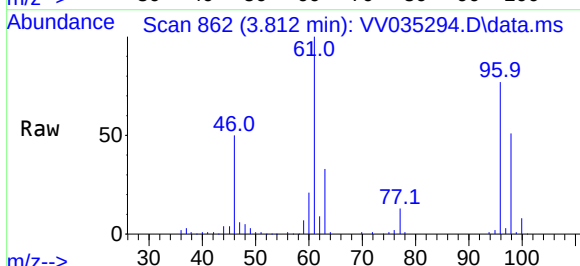
Tgt Ion: 96 Resp: 148055

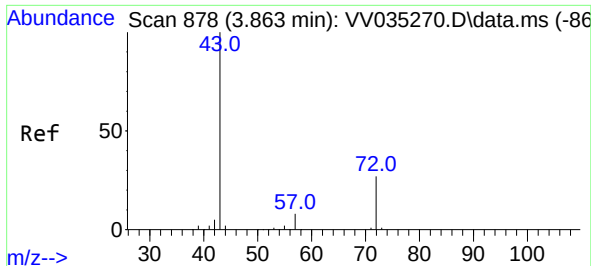
Ion Ratio Lower Upper

96 100

61 130.3 94.9 176.3

98 66.4 45.6 84.8

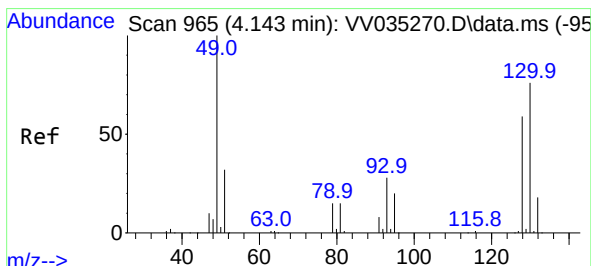
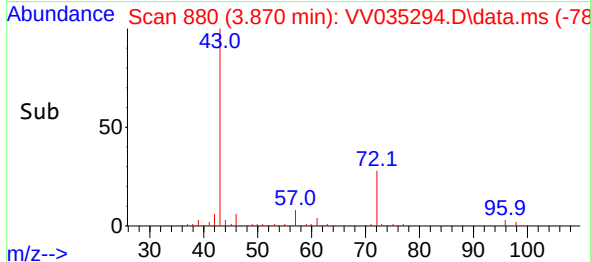
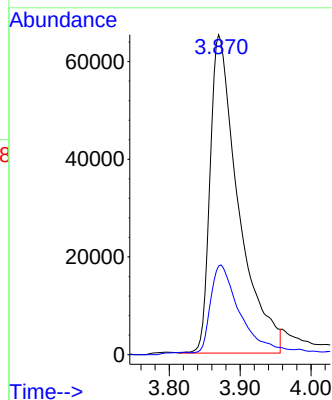
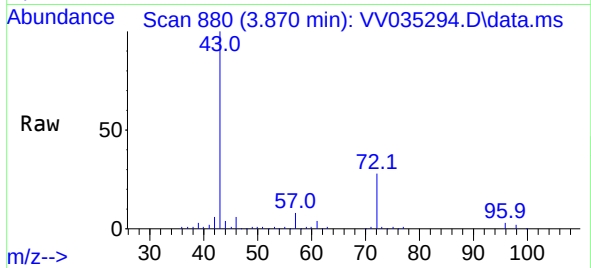




#22
2-Butanone
Concen: 91.144 ug/L
RT: 3.870 min Scan# 878
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

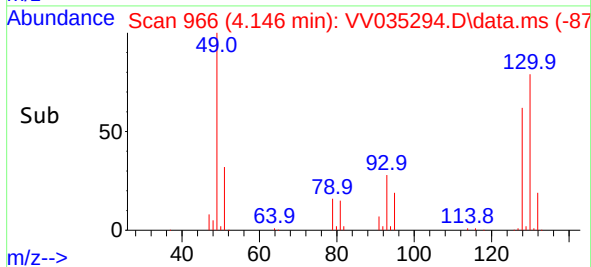
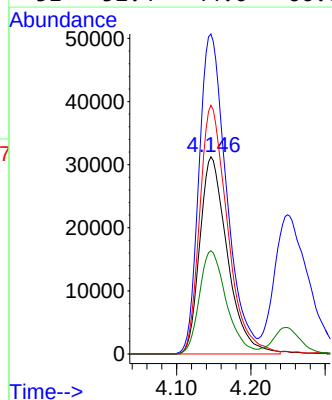
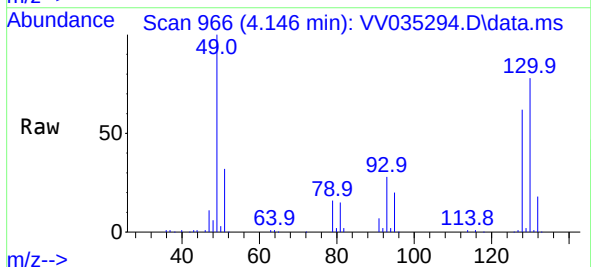
Instrument :
MSVOA_V
ClientSampleId :

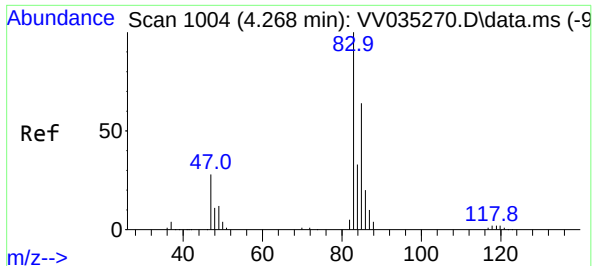
Tgt Ion: 43 Resp: 180759
Ion Ratio Lower Upper
43 100
72 28.1 13.2 39.6



#23
Bromochloromethane
Concen: 60.136 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion:128 Resp: 80574
Ion Ratio Lower Upper
128 100
49 162.3 123.8 229.8
130 126.1 93.2 173.0
51 52.4 44.0 66.0





#25

Chloroform

Concen: 58.179 ug/L

RT: 4.275 min Scan# 1004

Delta R.T. 0.003 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

Instrument :

MSVOA_V

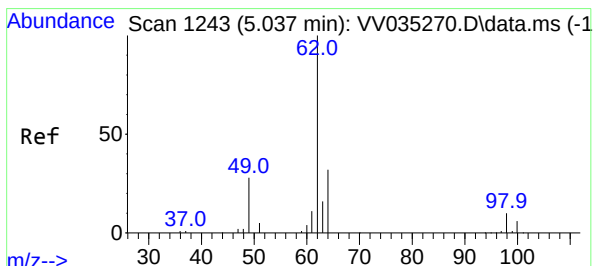
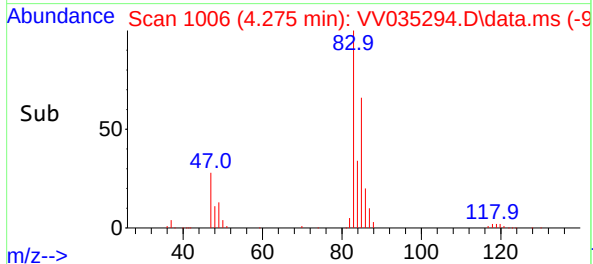
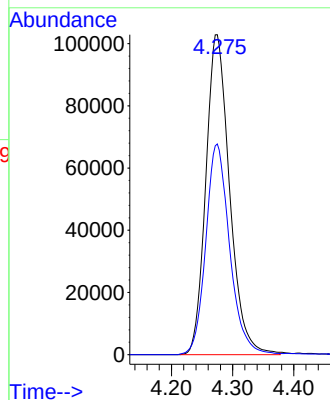
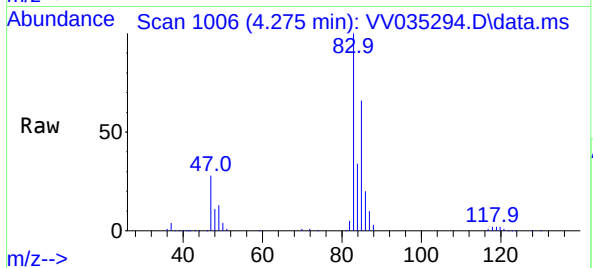
ClientSampleId :

Tgt Ion: 83 Resp: 278181

Ion Ratio Lower Upper

83 100

85 65.8 46.0 85.4



#27

1,2-Dichloroethane

Concen: 56.666 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV035294.D

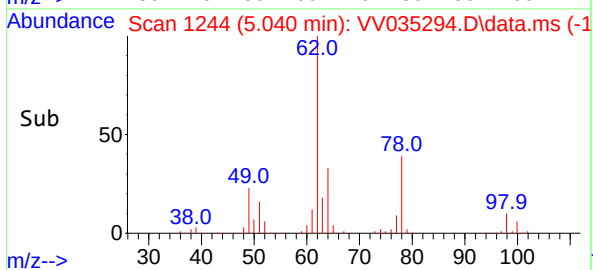
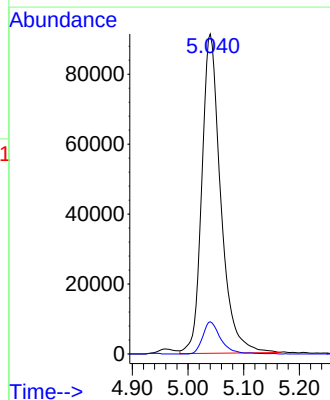
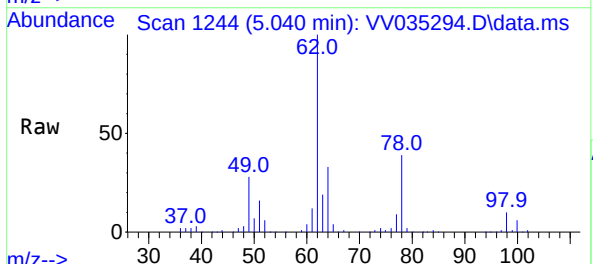
Acq: 18 Apr 2024 20:20

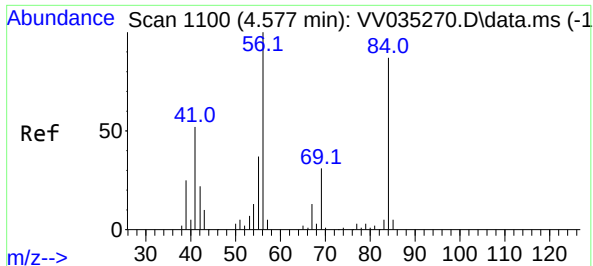
Tgt Ion: 62 Resp: 215724

Ion Ratio Lower Upper

62 100

98 10.0 7.2 10.8





#29

Cyclohexane

Concen: 45.747 ug/L

RT: 4.580 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

Instrument :

MSVOA_V

ClientSampleId :

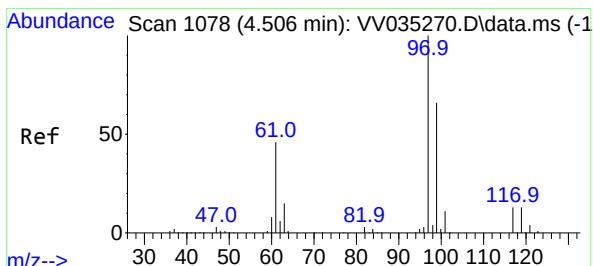
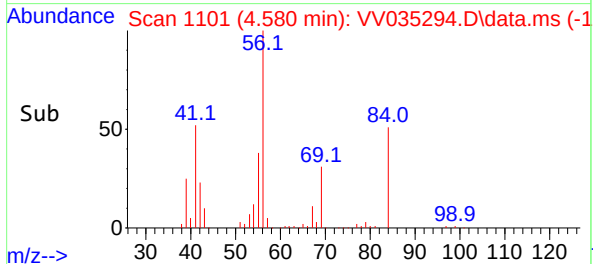
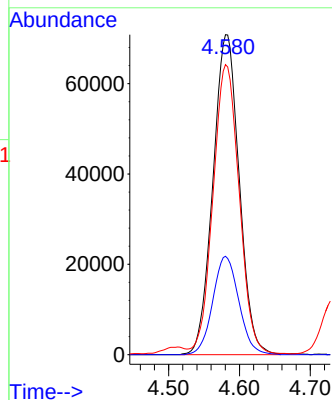
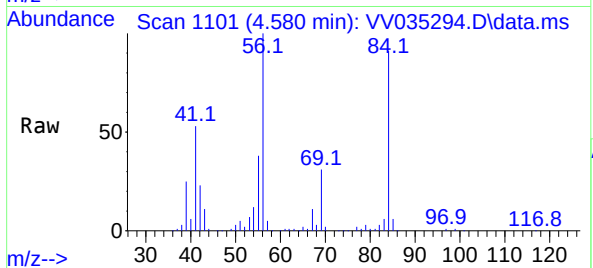
Tgt Ion: 56 Resp: 182250

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 89.4 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 54.508 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

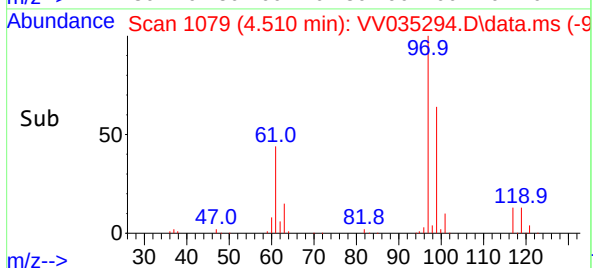
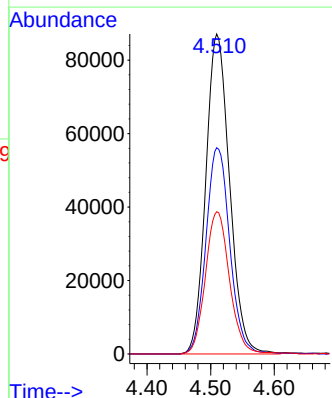
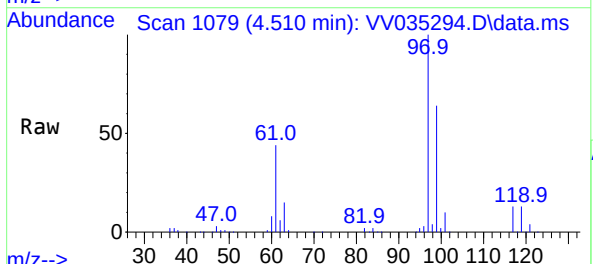
Tgt Ion: 97 Resp: 225999

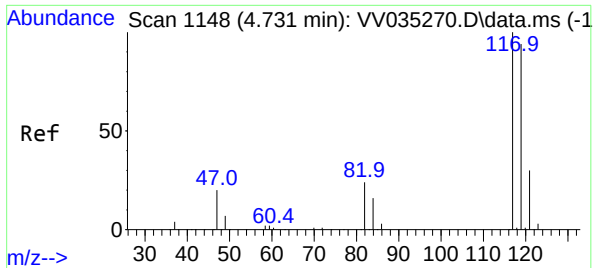
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 44.9 36.8 55.2

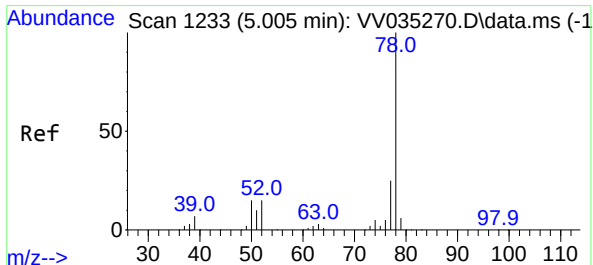
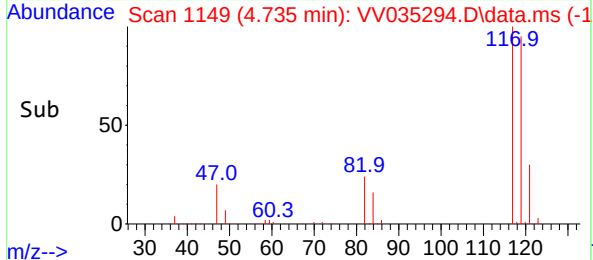
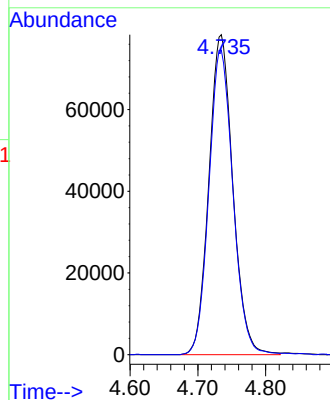
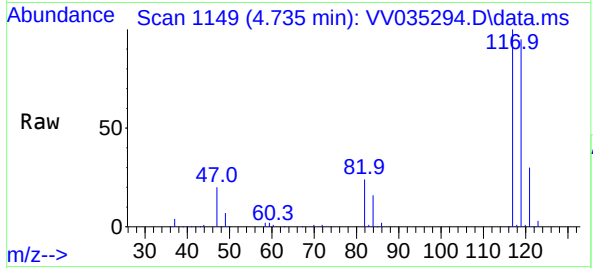




#31
Carbon tetrachloride
Concen: 54.715 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

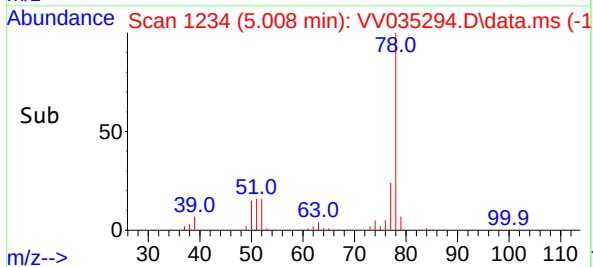
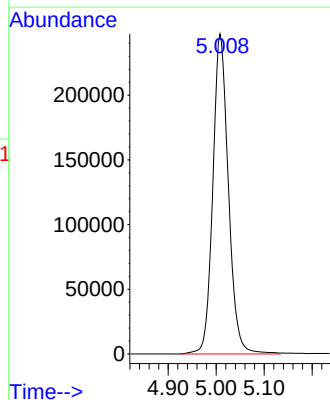
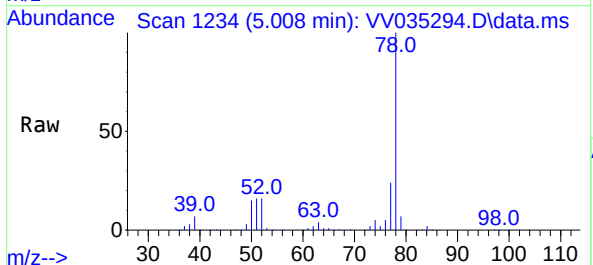
Instrument :
MSVOA_V
ClientSampleId :

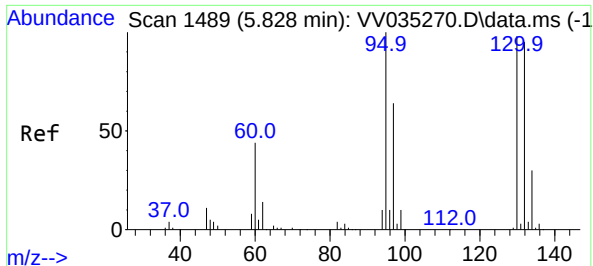
Tgt Ion:117 Resp: 192279
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7



#33
Benzene
Concen: 53.778 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion: 78 Resp: 557786



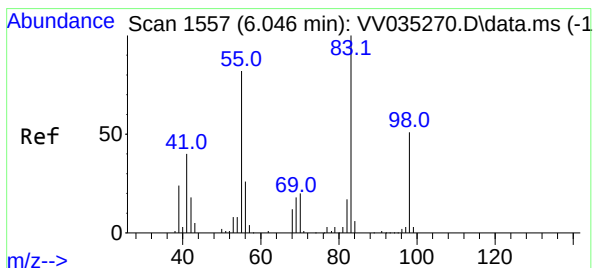
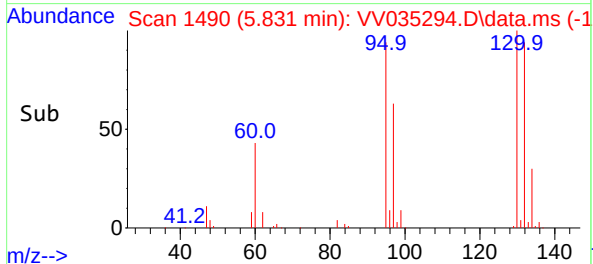
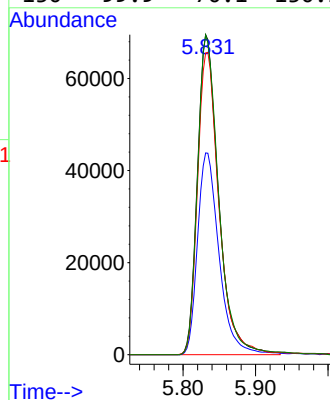
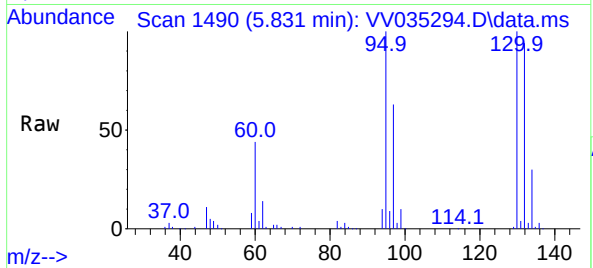


#34
Trichloroethene
Concen: 50.373 ug/L
RT: 5.831 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 141002

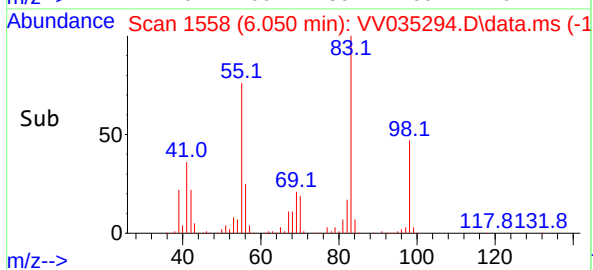
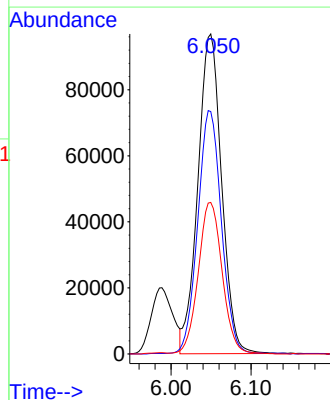
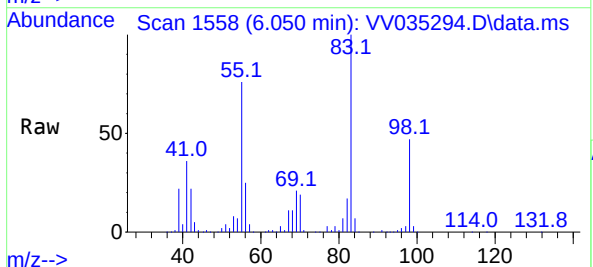
Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.3	84.1
132	94.3	65.3	121.3
130	99.9	70.1	130.3

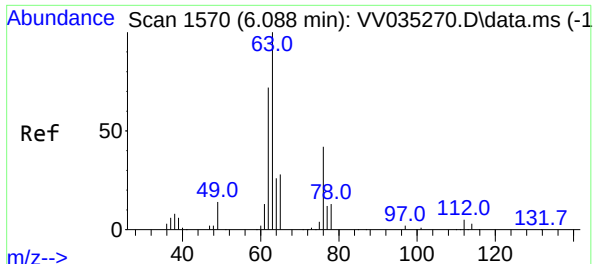


#35
Methylcyclohexane
Concen: 47.416 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion: 83 Resp: 200448

Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.0	90.0
98	47.8	37.6	56.4

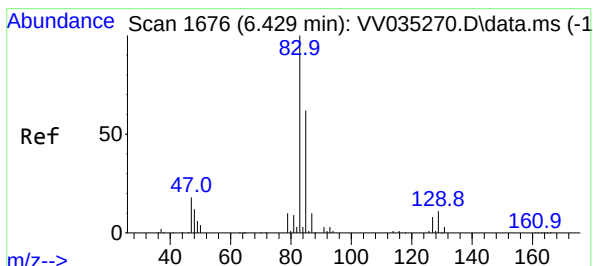
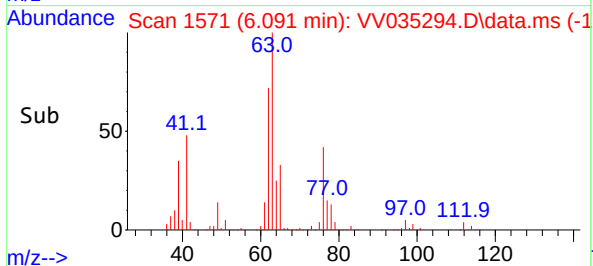
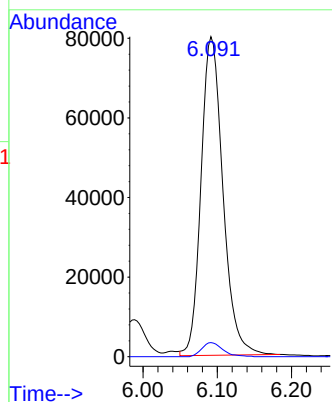
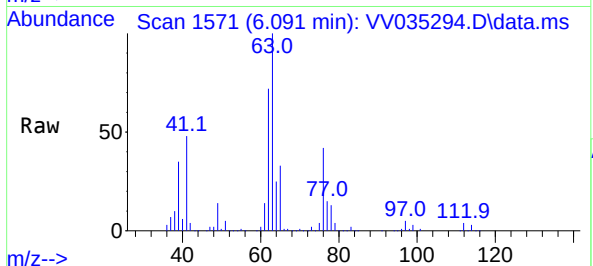




#37
1,2-Dichloropropane
Concen: 57.208 ug/L
RT: 6.091 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

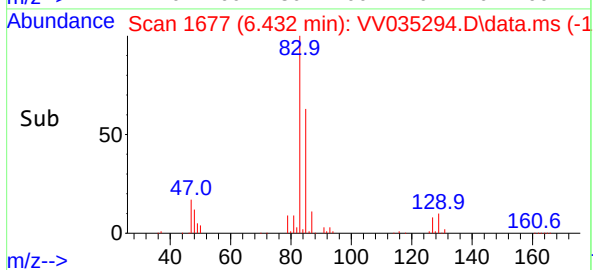
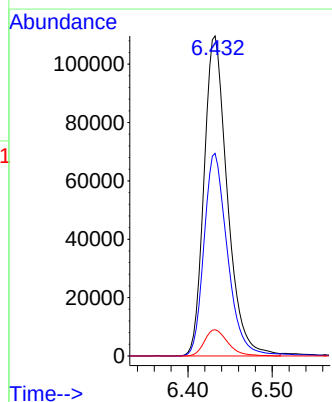
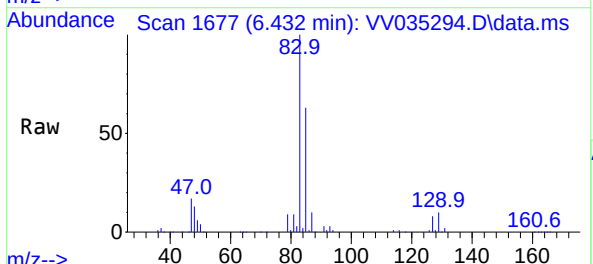
Instrument :
MSVOA_V
ClientSampleId :

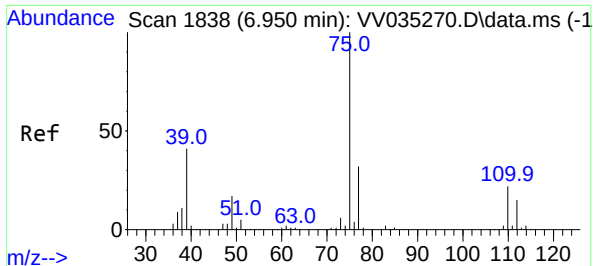
Tgt Ion: 63 Resp: 163979
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 57.189 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion: 83 Resp: 211500
Ion Ratio Lower Upper
83 100
85 63.3 43.7 81.1
127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 50.759 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

Instrument :

MSVOA_V

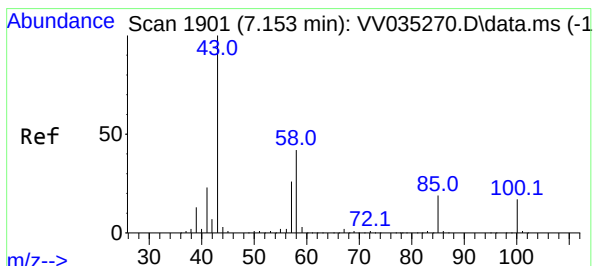
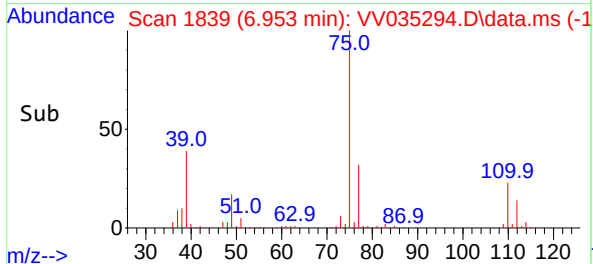
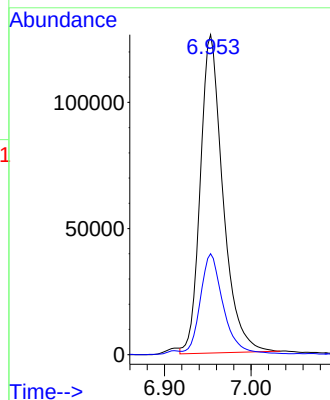
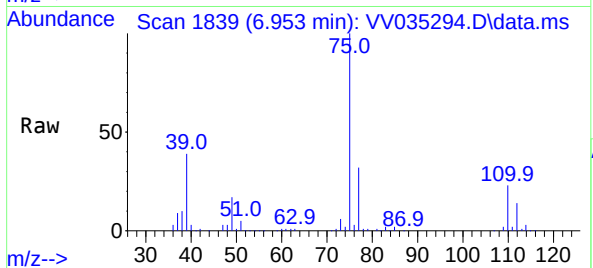
ClientSampleId :

Tgt Ion: 75 Resp: 229195

Ion Ratio Lower Upper

75 100

77 31.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 110.108 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

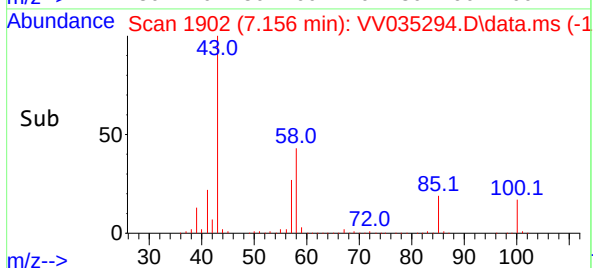
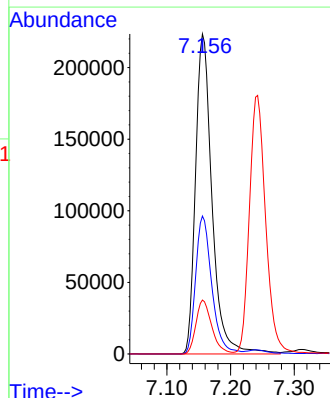
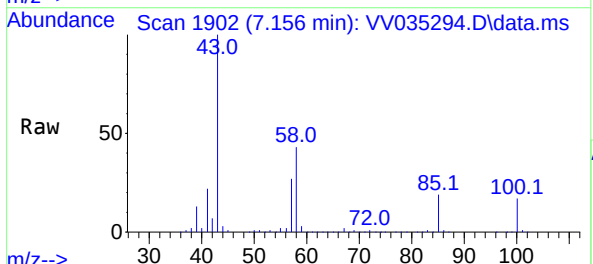
Tgt Ion: 43 Resp: 402957

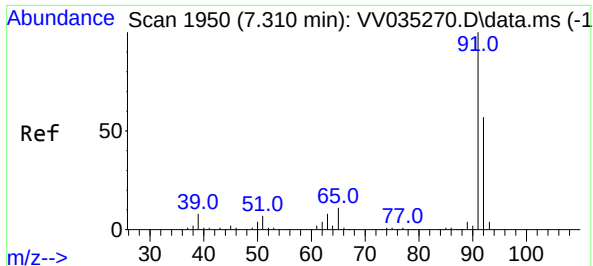
Ion Ratio Lower Upper

43 100

58 42.0 33.8 50.8

100 16.2 13.0 19.4





#42

Toluene

Concen: 54.599 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

Instrument :

MSVOA_V

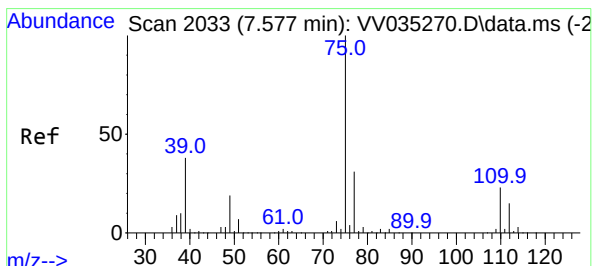
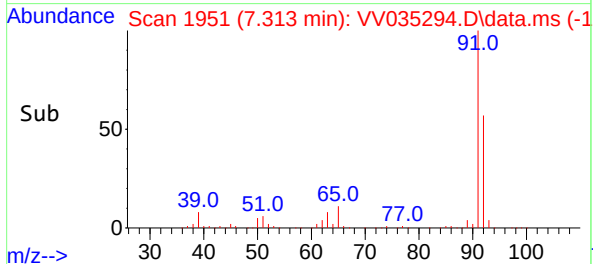
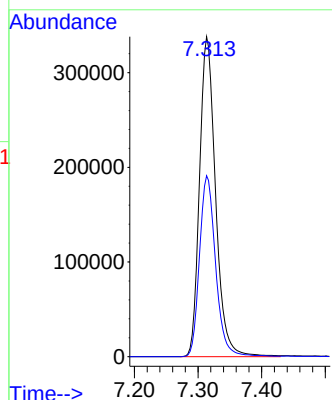
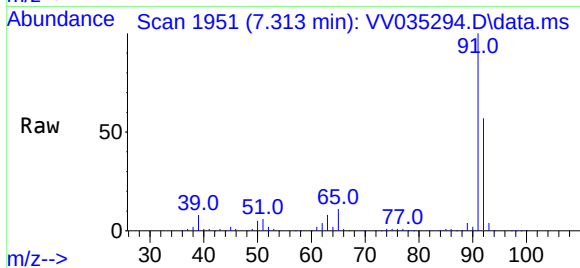
ClientSampleId :

Tgt Ion: 91 Resp: 592877

Ion Ratio Lower Upper

91 100

92 56.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 53.760 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035294.D

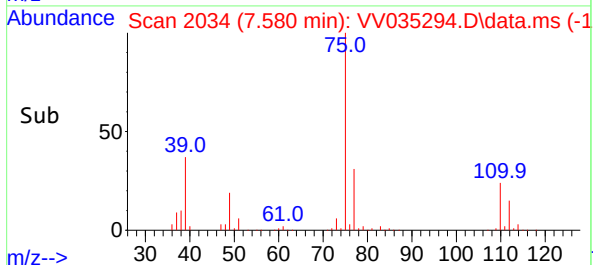
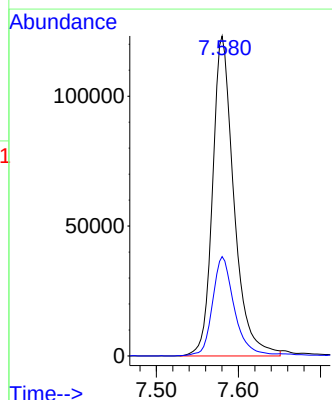
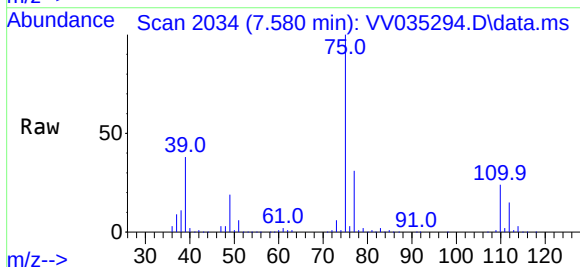
Acq: 18 Apr 2024 20:20

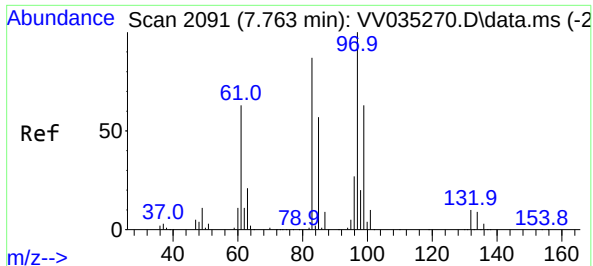
Tgt Ion: 75 Resp: 223018

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 60.286 ug/L

RT: 7.767 min Scan# 2091

Delta R.T. 0.003 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 162872

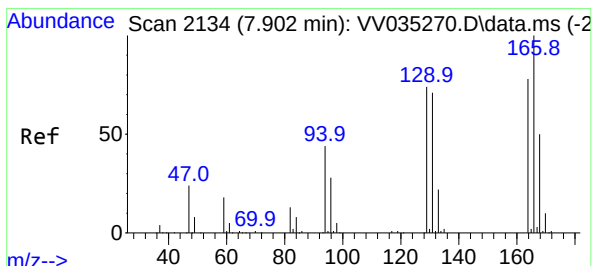
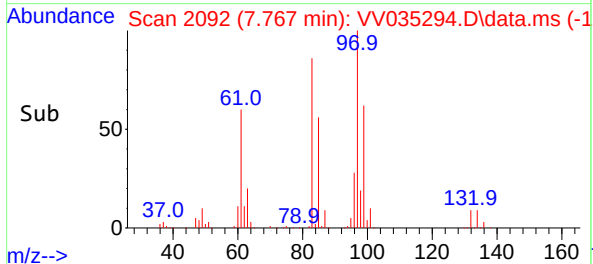
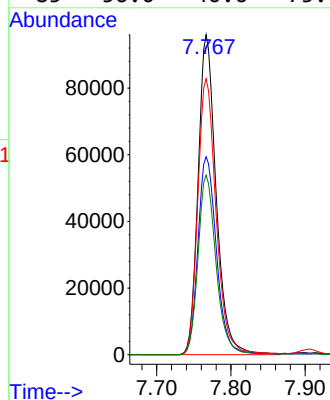
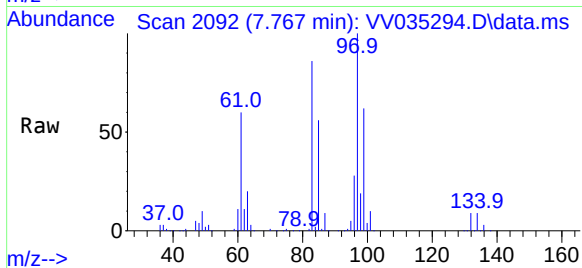
Ion Ratio Lower Upper

97 100

99 61.8 43.3 80.3

83 86.2 61.6 114.4

85 56.0 40.6 75.4



#46

Tetrachloroethene

Concen: 55.079 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

Tgt Ion:164 Resp: 107713

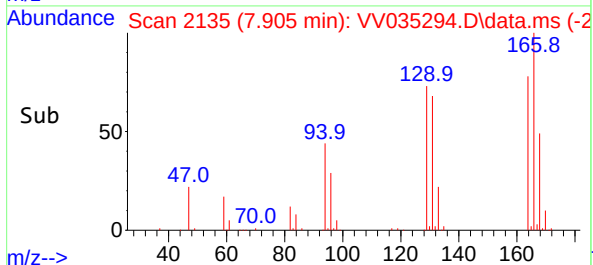
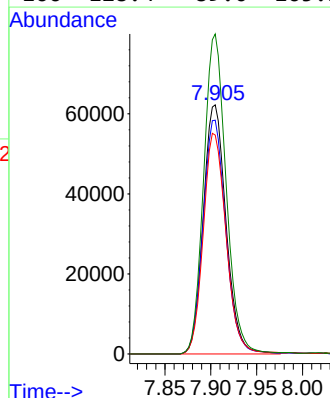
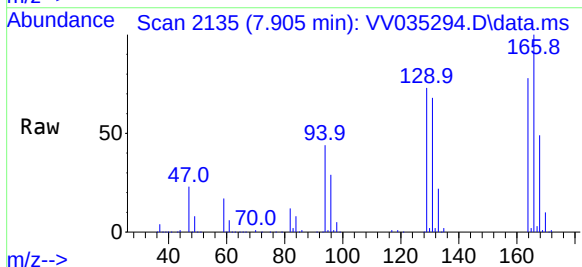
Ion Ratio Lower Upper

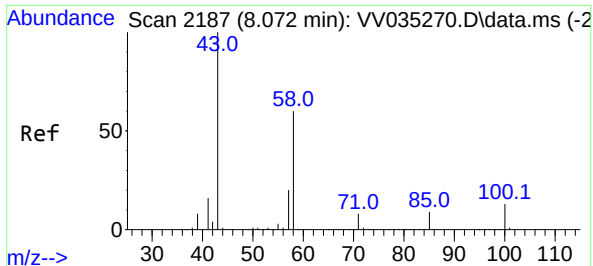
164 100

129 93.8 68.6 127.4

131 87.9 65.7 122.1

166 128.4 89.0 165.2



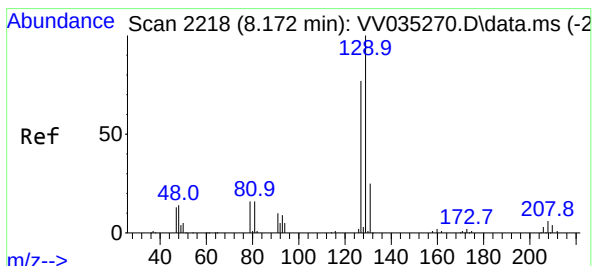
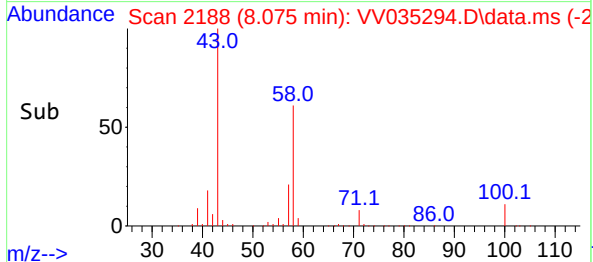
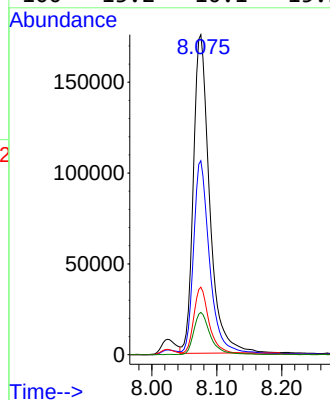
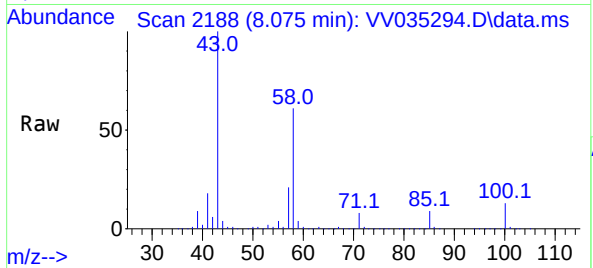


#48
2-Hexanone
Concen: 98.324 ug/L
RT: 8.075 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 306041

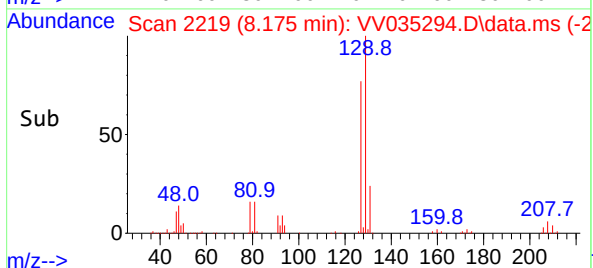
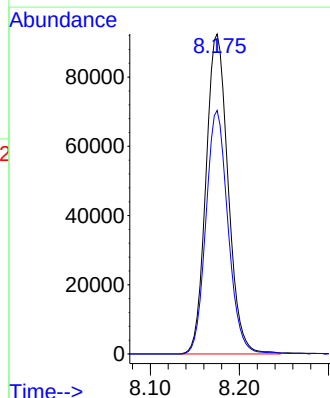
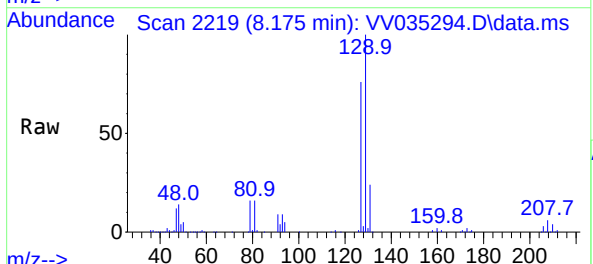
Ion	Ratio	Lower	Upper
43	100		
58	60.0	45.4	68.2
57	20.0	16.2	24.4
100	13.2	10.1	15.1

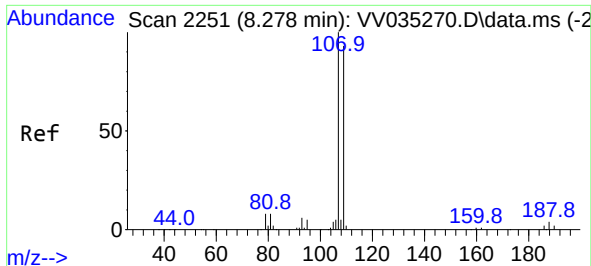


#49
Dibromochloromethane
Concen: 59.565 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion: 129 Resp: 159383

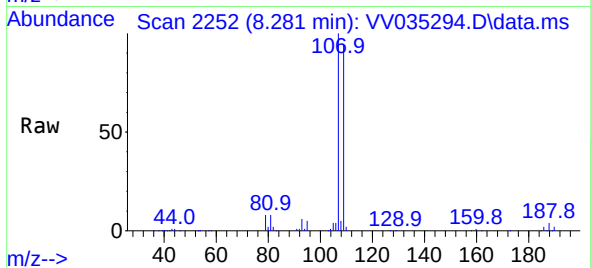
Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.1	100.5



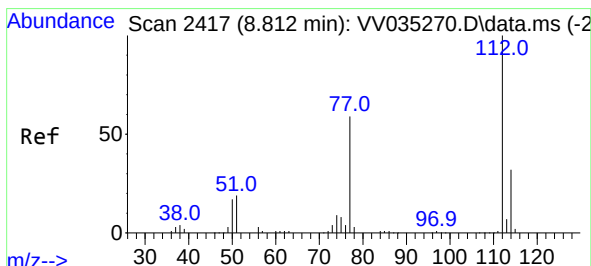
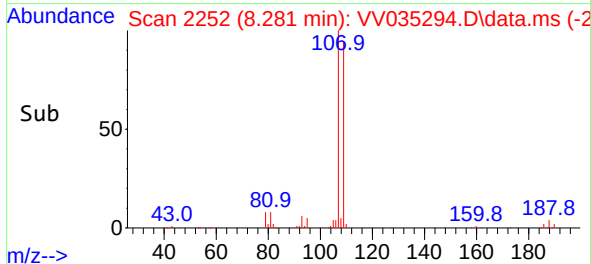
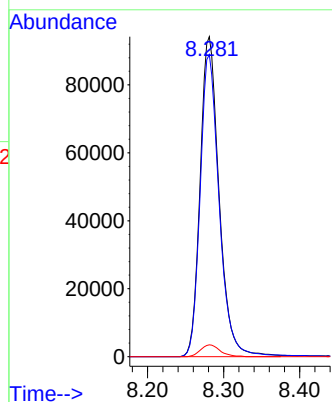


#50
1,2-Dibromoethane
Concen: 56.187 ug/L
RT: 8.281 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Instrument :
MSVOA_V
ClientSampleId :

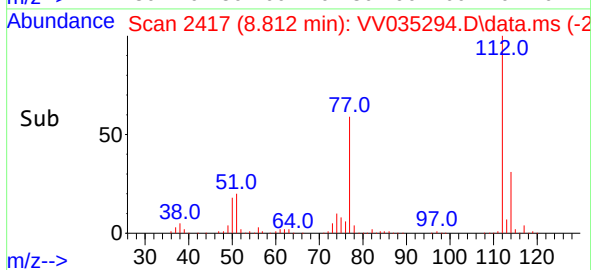
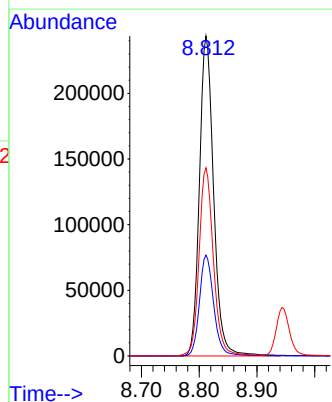
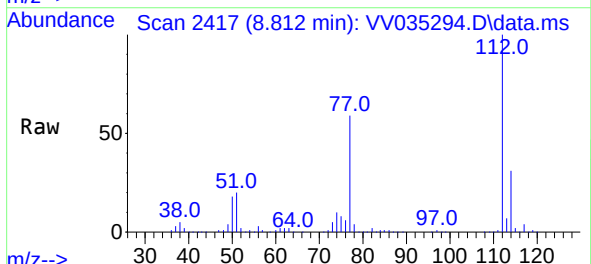


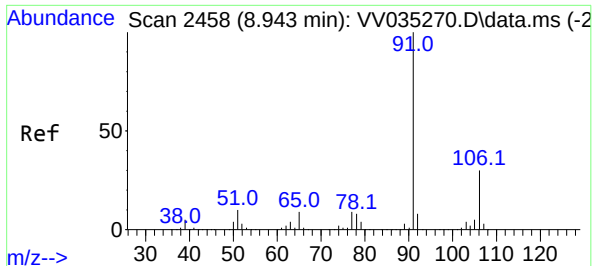
Tgt Ion:107 Resp: 163428
Ion Ratio Lower Upper
107 100
109 94.4 64.5 119.9
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 59.072 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion:112 Resp: 415737
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 58.8 47.4 71.2

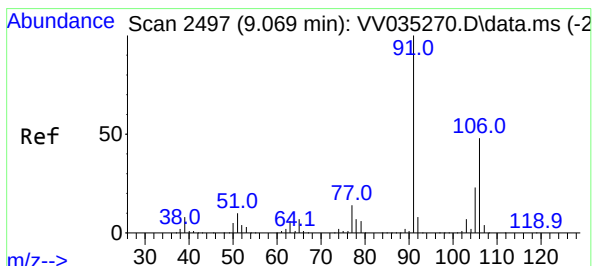
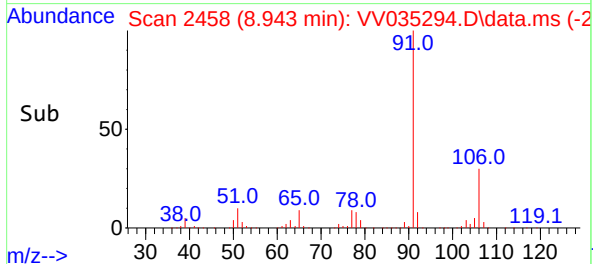
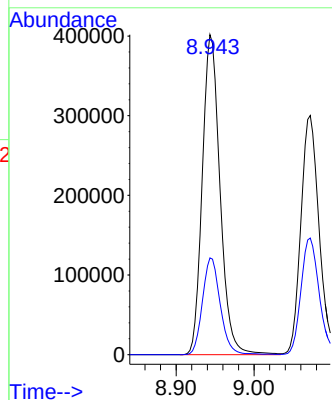
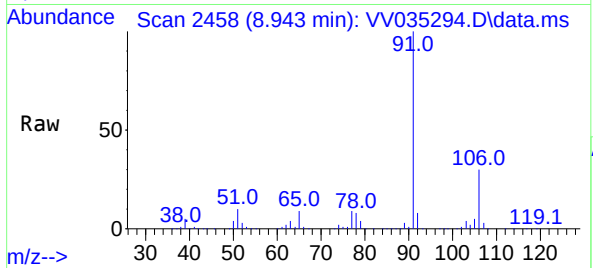




#52
Ethylbenzene
Concen: 52.843 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

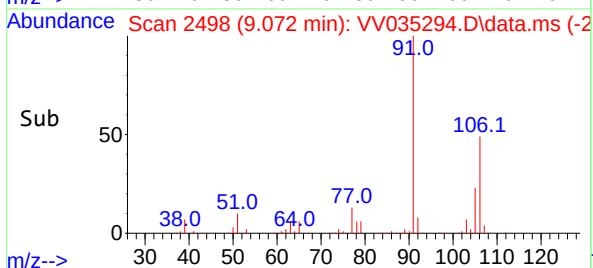
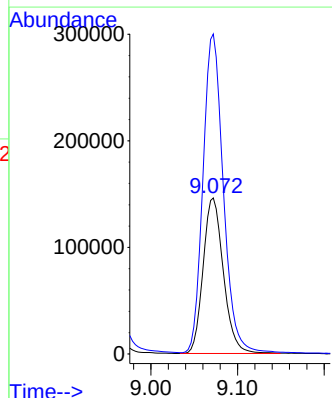
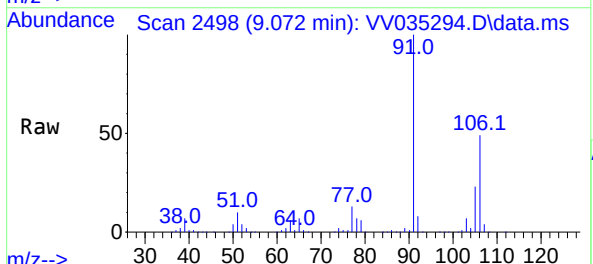
Instrument :
MSVOA_V
ClientSampleId :

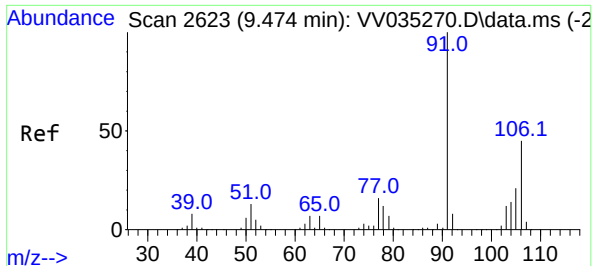
Tgt Ion: 91 Resp: 635952
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5



#53
m,p-Xylene
Concen: 53.635 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion: 106 Resp: 237708
Ion Ratio Lower Upper
106 100
91 205.2 144.8 269.0

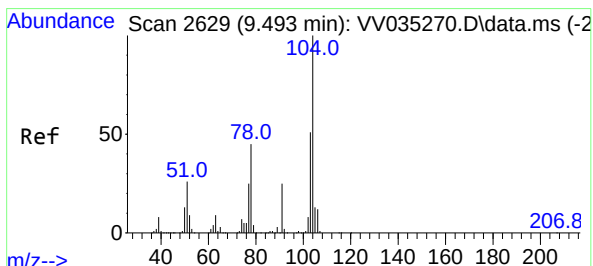
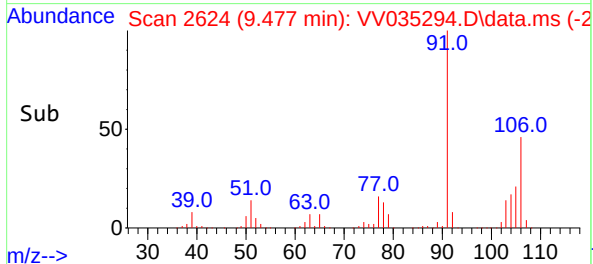
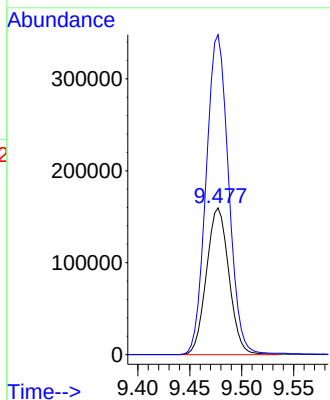
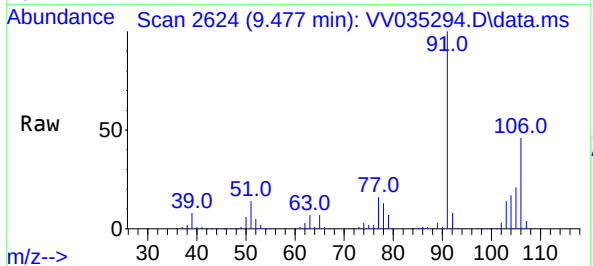




#54
o-Xylene
Concen: 54.969 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

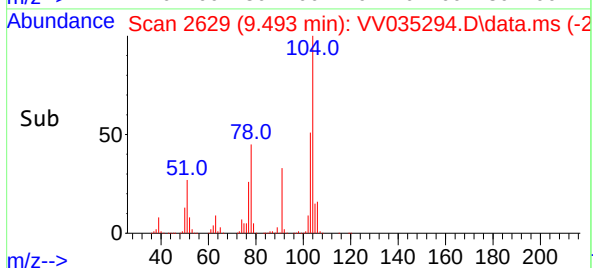
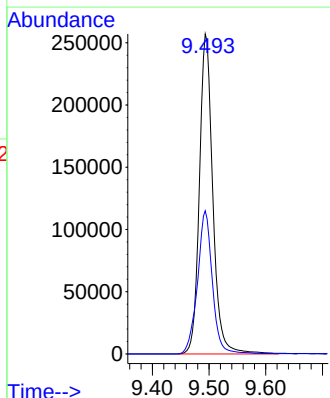
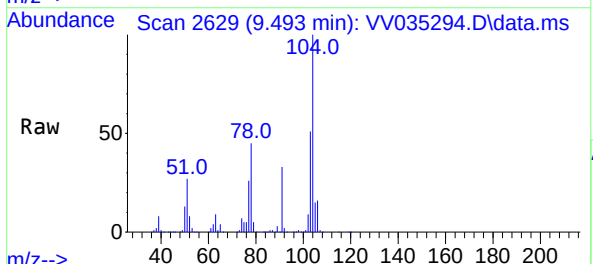
Instrument :
MSVOA_V
ClientSampleId :

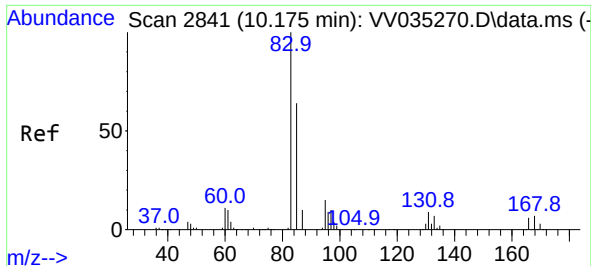
Tgt Ion:106 Resp: 241046
Ion Ratio Lower Upper
106 100
91 217.7 151.3 280.9



#55
Styrene
Concen: 57.164 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

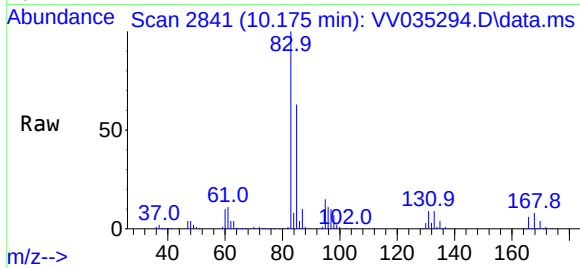
Tgt Ion:104 Resp: 423612
Ion Ratio Lower Upper
104 100
78 44.8 31.5 58.5



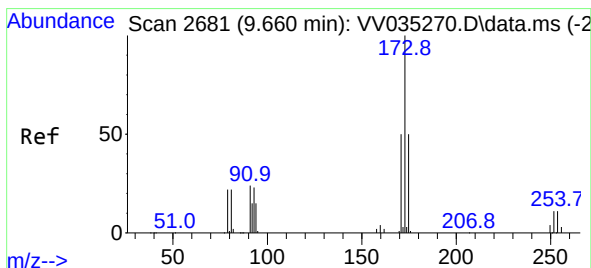
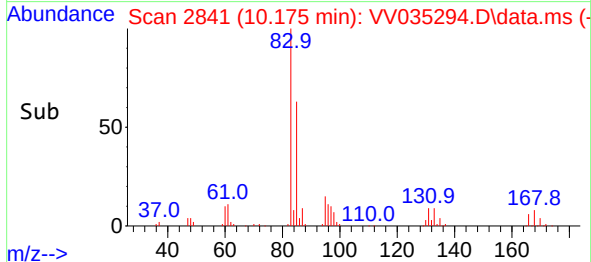
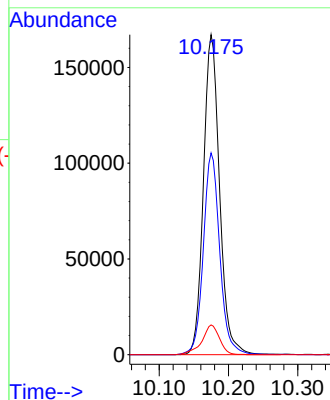


#57
1,1,2,2-Tetrachloroethane
Concen: 61.723 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Instrument :
MSVOA_V
ClientSampleId :

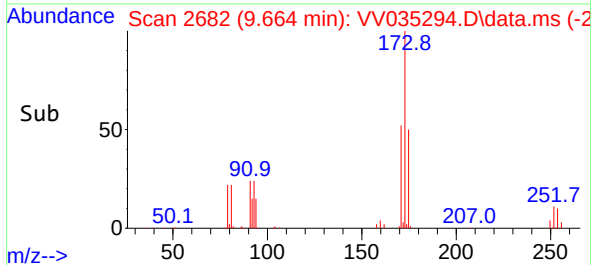
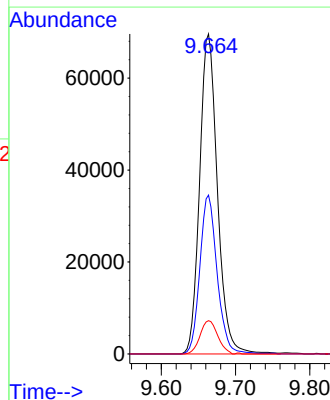
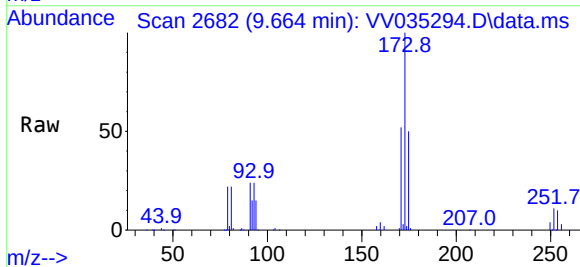


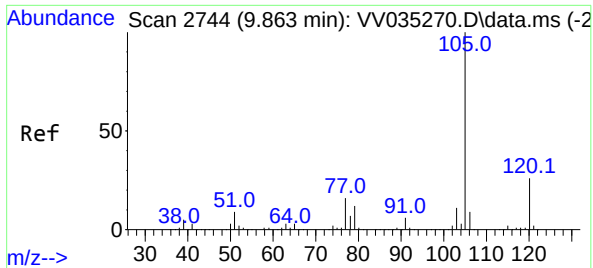
Tgt Ion: 83 Resp: 270181
Ion Ratio Lower Upper
83 100
85 63.0 44.5 82.7
131 9.3 6.9 10.3



#59
Bromoform
Concen: 61.521 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

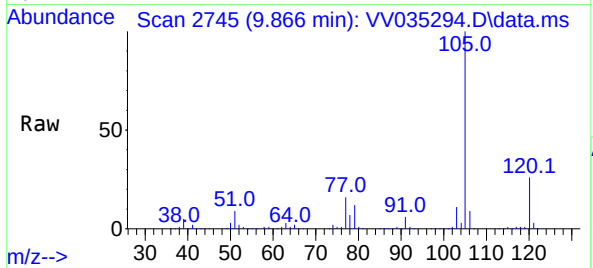
Tgt Ion: 173 Resp: 115884
Ion Ratio Lower Upper
173 100
175 48.1 39.3 58.9
254 10.3 7.5 11.3



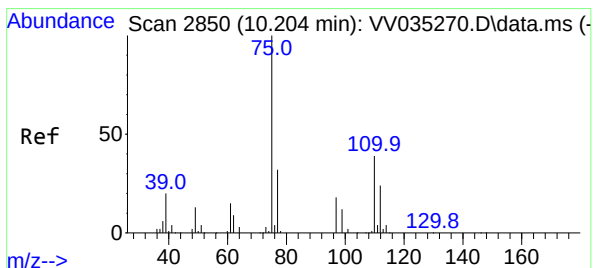
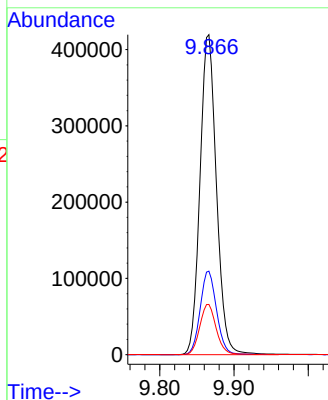
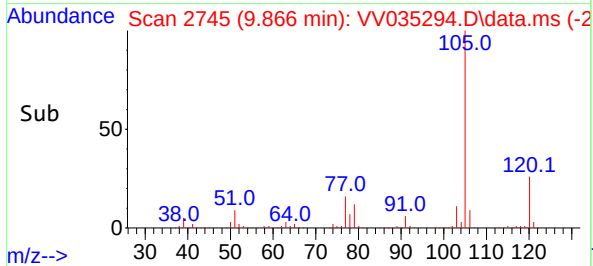


#60
Isopropylbenzene
Concen: 54.416 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

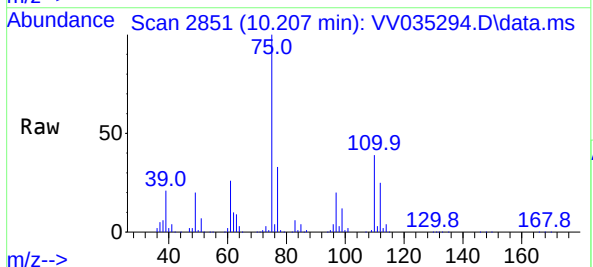
Instrument :
MSVOA_V
ClientSampleId :



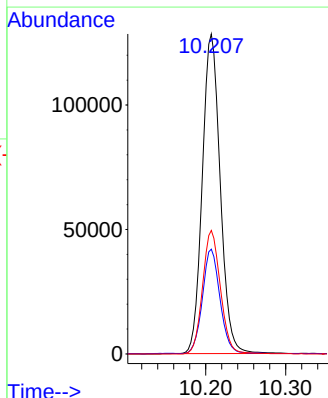
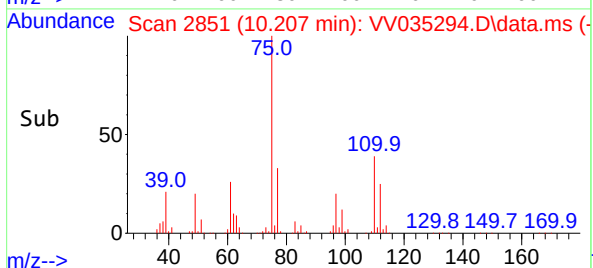
Tgt Ion:105 Resp: 644820
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 15.8 13.1 19.7

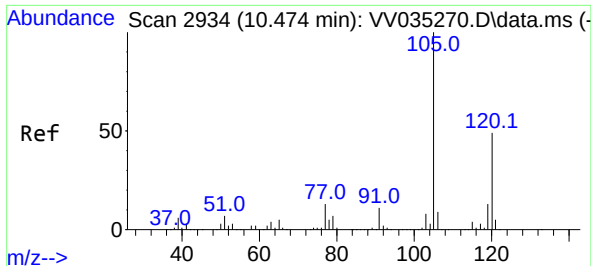


#61
1,2,3-Trichloropropane
Concen: 56.331 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20



Tgt Ion: 75 Resp: 200643
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0
110 38.5 30.5 45.7

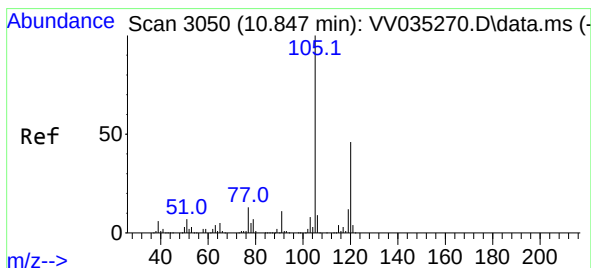
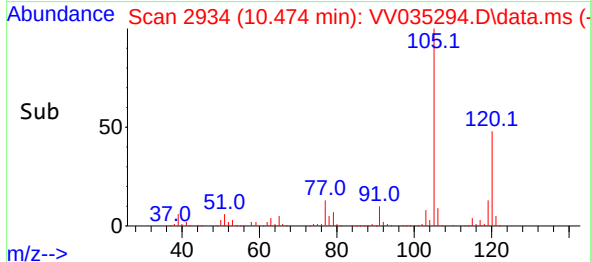
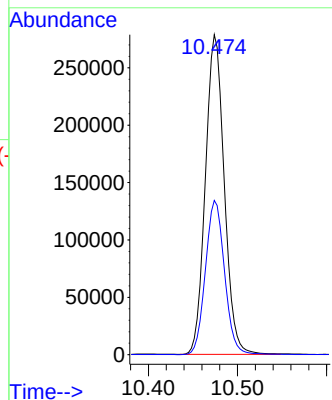
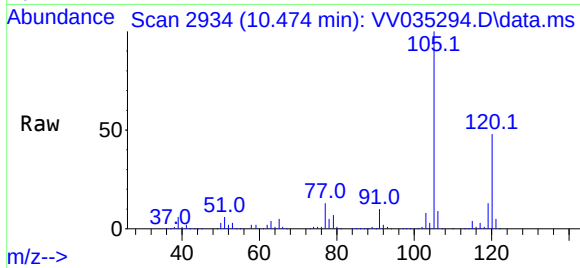




#62
1,3,5-Trimethylbenzene
Concen: 53.250 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

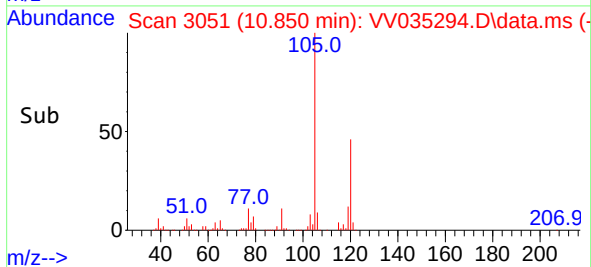
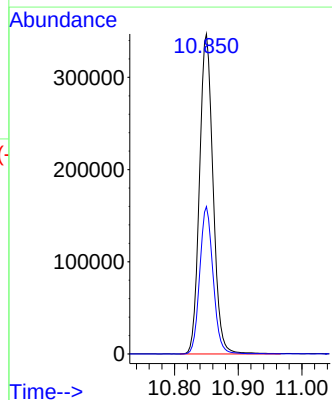
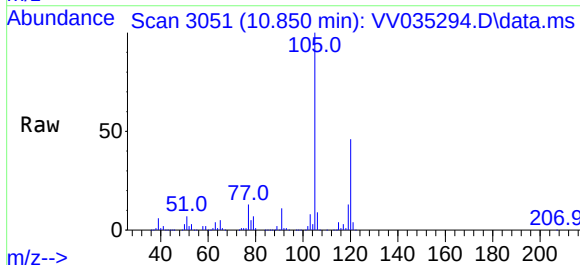
Instrument :
MSVOA_V
ClientSampleId :

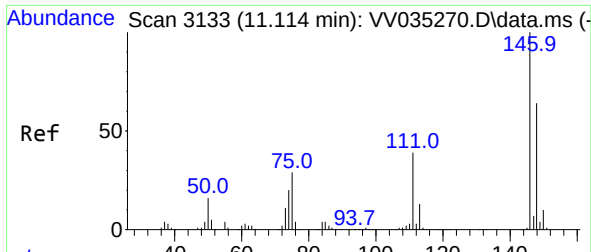
Tgt Ion:105 Resp: 409809
Ion Ratio Lower Upper
105 100
120 49.0 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 54.030 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion:105 Resp: 514099
Ion Ratio Lower Upper
105 100
120 45.2 35.9 53.9

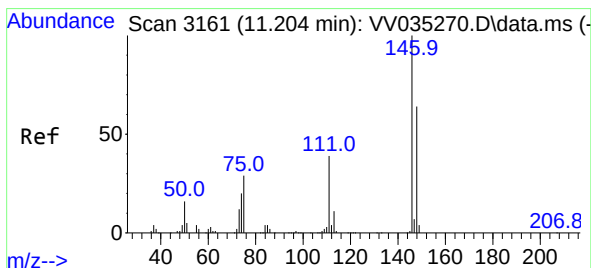
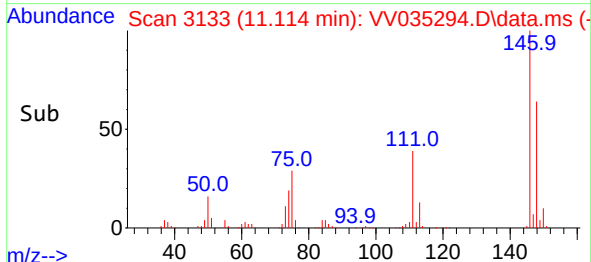
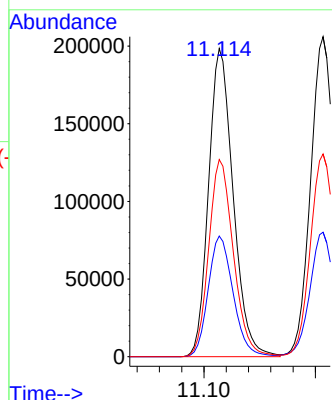
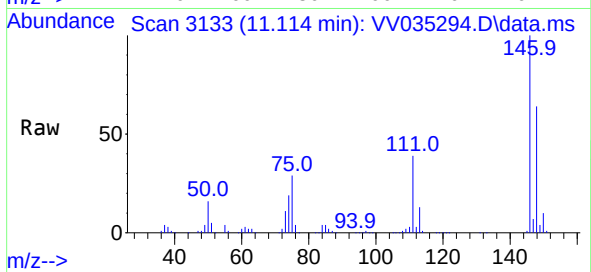




#64
1,3-Dichlorobenzene
Concen: 54.944 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

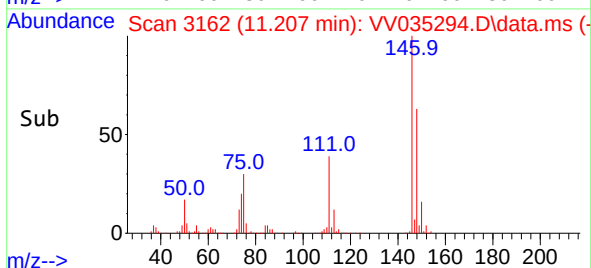
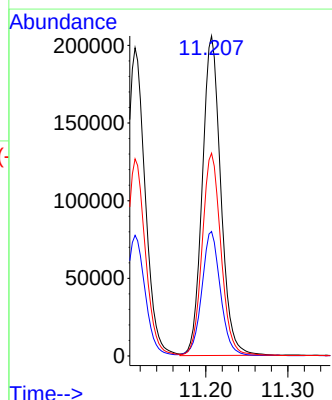
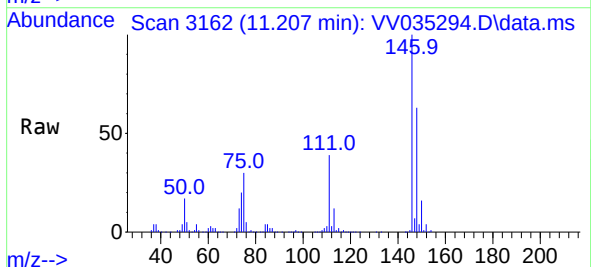
Instrument :
MSVOA_V
ClientSampleId :

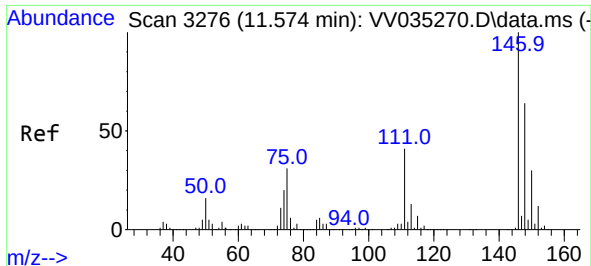
Tgt Ion:146 Resp: 304260
Ion Ratio Lower Upper
146 100
111 39.1 28.7 53.3
148 64.0 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 57.254 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion:146 Resp: 322423
Ion Ratio Lower Upper
146 100
111 38.9 27.4 50.8
148 63.3 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 63.024 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

Instrument :

MSVOA_V

ClientSampleId :

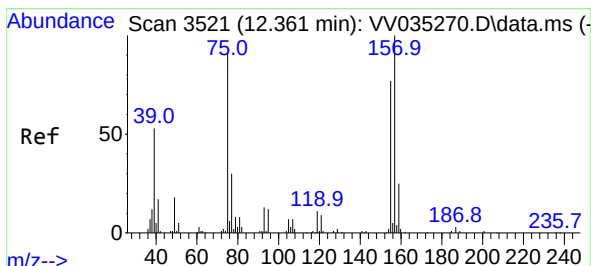
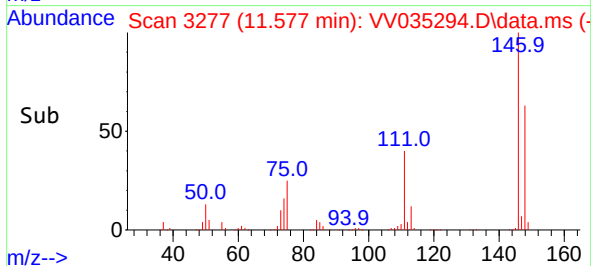
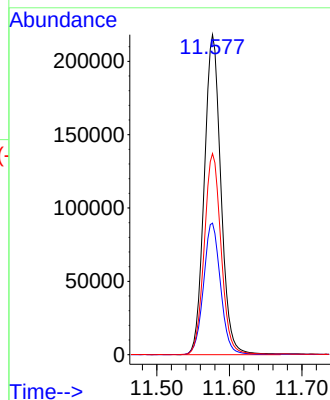
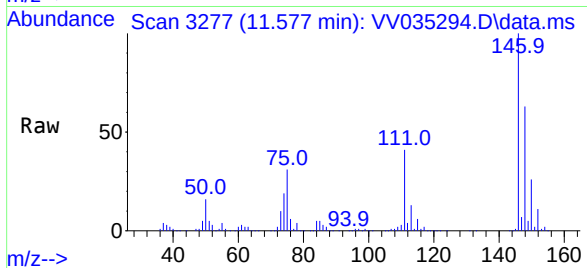
Tgt Ion:146 Resp: 347672

Ion Ratio Lower Upper

146 100

111 41.1 34.6 52.0

148 62.8 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 49.821 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

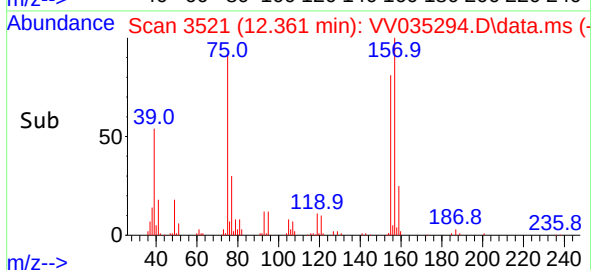
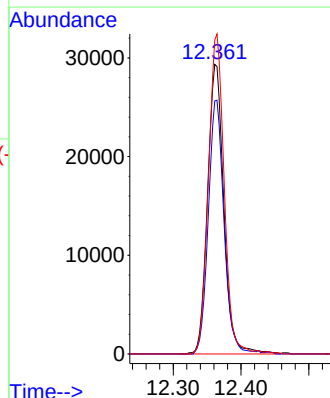
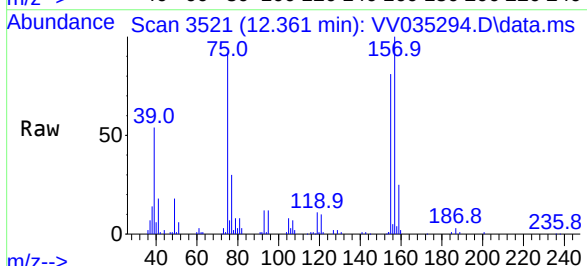
Tgt Ion: 75 Resp: 48889

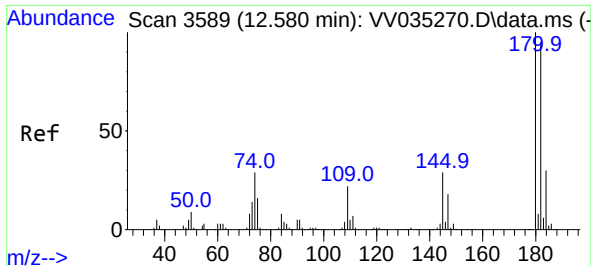
Ion Ratio Lower Upper

75 100

155 87.4 63.0 94.6

157 108.4 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 52.922 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 211213

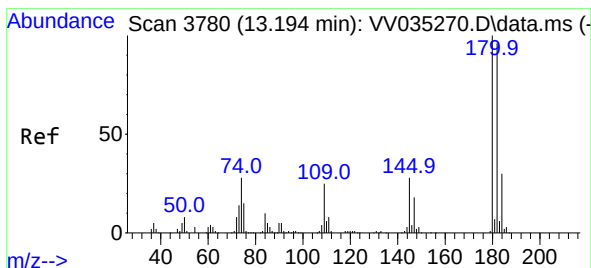
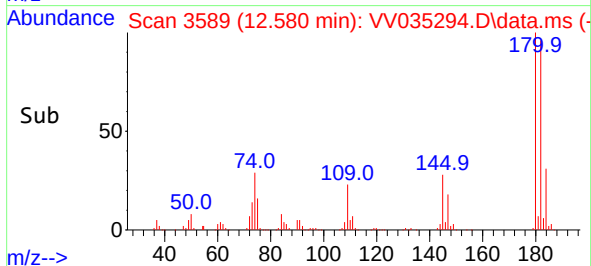
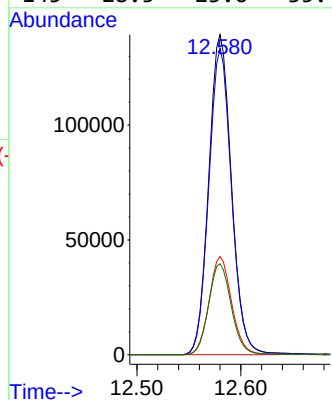
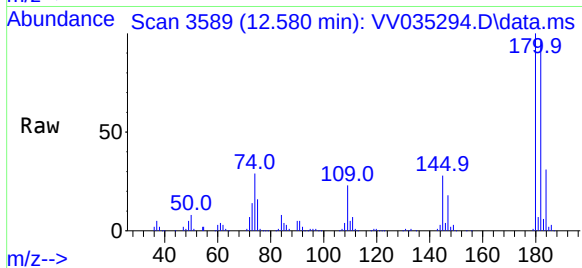
Ion Ratio Lower Upper

180 100

182 95.7 74.7 112.1

184 30.4 24.0 36.0

145 28.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 52.314 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV035294.D

Acq: 18 Apr 2024 20:20

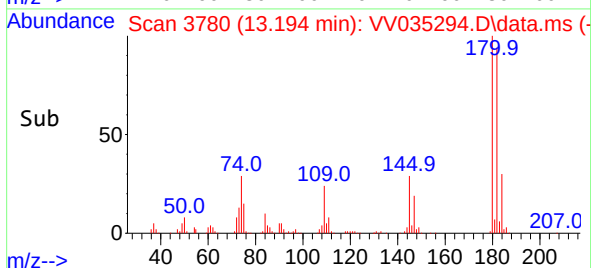
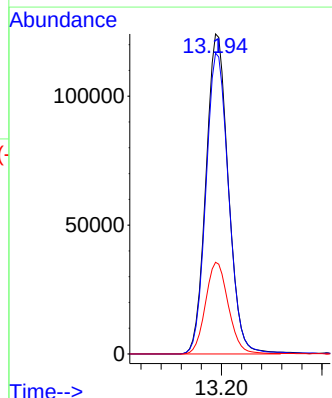
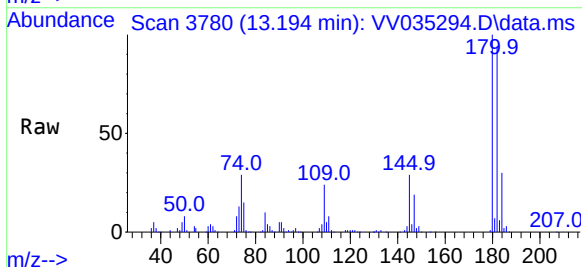
Tgt Ion:180 Resp: 191785

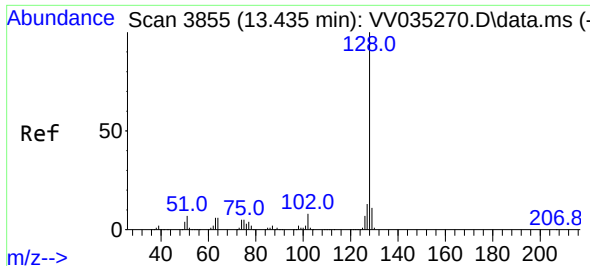
Ion Ratio Lower Upper

180 100

182 95.5 75.6 113.4

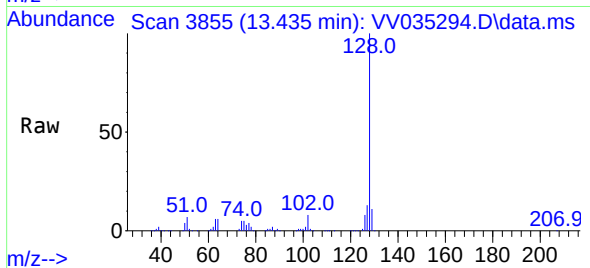
145 29.3 24.1 36.1



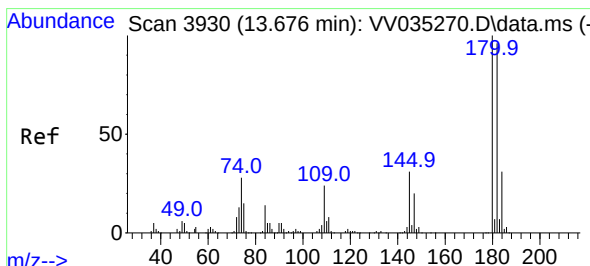
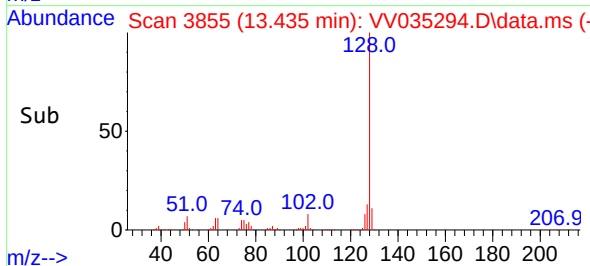
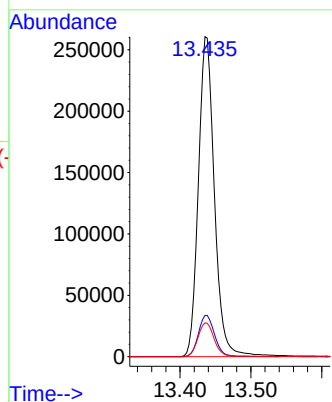


#71
Naphthalene
Concen: 40.340 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 410302
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.678 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.000 min
Lab File: VV035294.D
Acq: 18 Apr 2024 20:20

Tgt Ion:180 Resp: 186747
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.2
145 31.2 25.8 38.6

