

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035101.D
 Acq On : 10 Apr 2024 12:04
 Operator : SY/MD
 Sample : P1968-03MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 11 06:57:04 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	5.532	114	288407	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	271633	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	130080	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104173	37.401	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.800%
7) Chloroethane-d5	1.523	69	99308	41.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.100%
11) 1,1-Dichloroethene-d2	2.056	65	47442	38.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.720%
21) 2-Butanone-d5	3.783	46	224135	135.683	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.680%#
24) Chloroform-d	4.246	84	238577	50.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.900%
26) 1,2-Dichloroethane-d4	4.937	65	158648	53.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.720%
32) Benzene-d6	4.957	84	435113	47.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.380%
36) 1,2-Dichloropropane-d6	5.986	67	151844	52.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.820%
41) Toluene-d8	7.243	98	366562	44.609	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.220%
43) trans-1,3-Dichloroprop...	7.551	79	65728	46.663	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.320%
47) 2-Hexanone-d5	8.021	63	141771	129.417	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.420%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	236965	59.390	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.780%
66) 1,2-Dichlorobenzene-d4	11.558	152	137965	47.239	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	77106	36.887	ug/L	99
3) Chloromethane	1.214	50	132800	49.419	ug/L	99
5) Vinyl chloride	1.282	62	124983	44.365	ug/L	98
6) Bromomethane	1.478	94	67574	32.000	ug/L	99
8) Chloroethane	1.542	64	94732	49.236	ug/L	98
9) Trichlorofluoromethane	1.709	101	152332	41.198	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	91381	40.378	ug/L	99
12) 1,1-Dichloroethene	2.066	96	93880	43.373	ug/L	96
13) Acetone	2.114	43	190439	125.572	ug/L	97
14) Carbon disulfide	2.236	76	222896	36.568	ug/L	100
15) Methyl Acetate	2.372	43	199041	83.284	ug/L	99
16) Methylene chloride	2.446	84	148485	63.311	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	101829	48.660	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	524697	71.384	ug/L	98
19) 1,1-Dichloroethane	3.108	63	263771	61.465	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	138811	58.414	ug/L	99
22) 2-Butanone	3.863	43	258873	147.102	ug/L	97
23) Bromochloromethane	4.146	128	76637	64.459	ug/L	96
25) Chloroform	4.272	83	260523	61.403	ug/L	98

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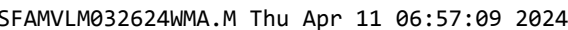
Instrument :
 MSVOA_V
 ClientSampleId :

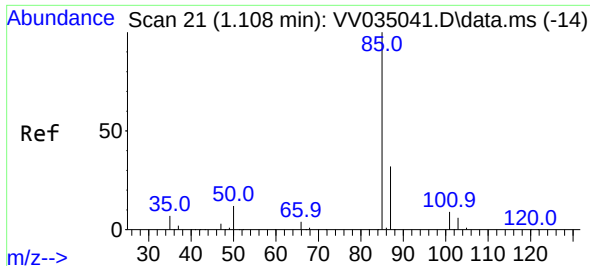
Quant Time: Apr 11 06:57:04 2024
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 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	224663	66.506	ug/L	100
29) Cyclohexane	4.580	56	132009	38.802	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	183094	51.711	ug/L	100
31) Carbon tetrachloride	4.732	117	141446	47.132	ug/L	99
33) Benzene	5.008	78	486968	54.978	ug/L	100
34) Trichloroethene	5.831	95	113000	47.271	ug/L	98
35) Methylcyclohexane	6.047	83	135211	37.453	ug/L	97
37) 1,2-Dichloropropane	6.092	63	153572	62.738	ug/L	100
38) Bromodichloromethane	6.429	83	202537	64.129	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	210989	54.716	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	497793	159.280	ug/L	100
42) Toluene	7.313	91	463307	49.962	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	212673	60.032	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	159678	69.210	ug/L	99
46) Tetrachloroethene	7.905	164	72702	43.533	ug/L	98
48) 2-Hexanone	8.072	43	410697	154.509	ug/L	98
49) Dibromochloromethane	8.175	129	150153	65.710	ug/L	100
50) 1,2-Dibromoethane	8.281	107	161624	65.068	ug/L	97
51) Chlorobenzene	8.812	112	298579	49.679	ug/L	99
52) Ethylbenzene	8.944	91	468159	45.552	ug/L	99
53) m,p-Xylene	9.072	106	171324	45.266	ug/L	100
54) o-Xylene	9.477	106	181362	48.430	ug/L	100
55) Styrene	9.493	104	321263	50.765	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	273488	73.161	ug/L	99
59) Bromoform	9.664	173	114233	76.631	ug/L	99
60) Isopropylbenzene	9.866	105	445917	47.551	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	218398	77.480	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	292073	47.957	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	369158	49.025	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	221533	50.551	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	223965	50.255	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	241723	55.370	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	62822	80.897	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	155294	49.169	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	148795	51.287	ug/L	99
71) Naphthalene	13.435	128	568802	70.666	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	170120	59.487	ug/L	99

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

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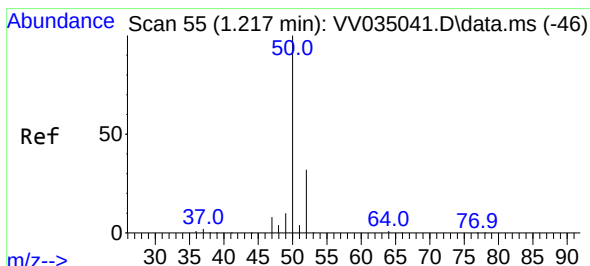
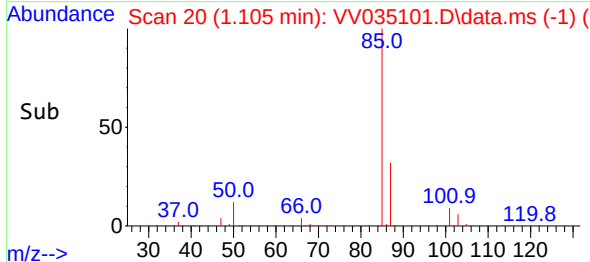
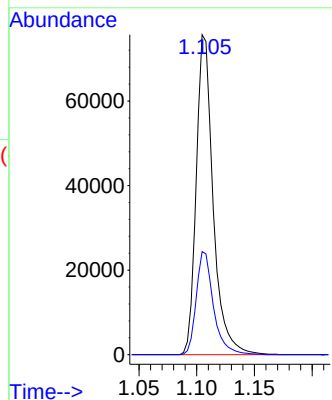
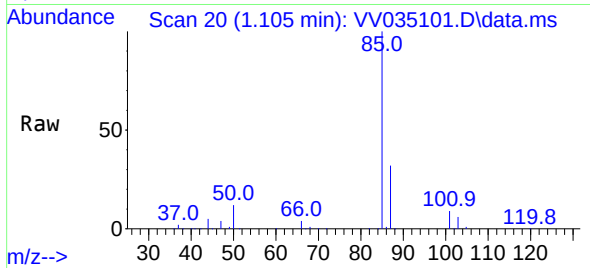




#2
Dichlorodifluoromethane
Concen: 36.887 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

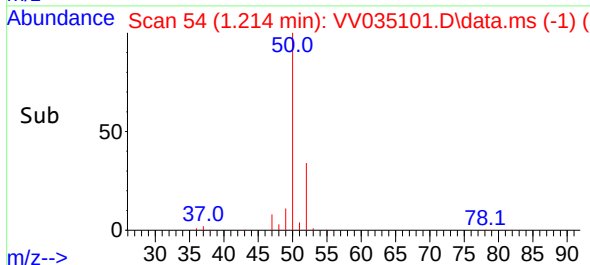
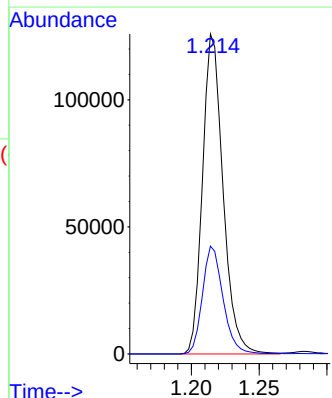
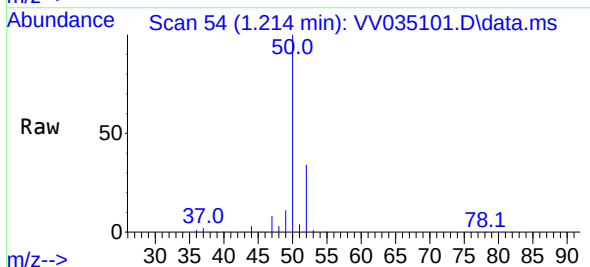
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 77106
Ion Ratio Lower Upper
85 100
87 32.8 25.7 38.5

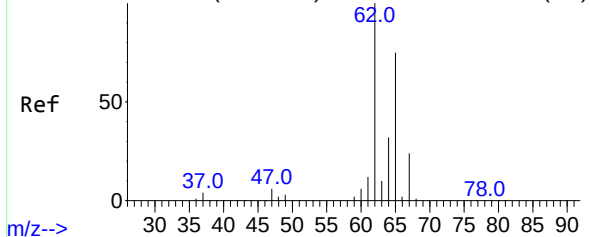


#3
Chloromethane
Concen: 49.419 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion: 50 Resp: 132800
Ion Ratio Lower Upper
50 100
52 33.7 23.0 42.8



Abundance Scan 76 (1.285 min): VV035041.D\data.ms (-68)



#5

Vinyl chloride

Concen: 44.365 ug/L

RT: 1.282 min Scan# 70

Delta R.T. -0.003 min

Lab File: VV035101.D

Acq: 10 Apr 2024 12:04

Instrument :

MSVOA_V

ClientSampleId :

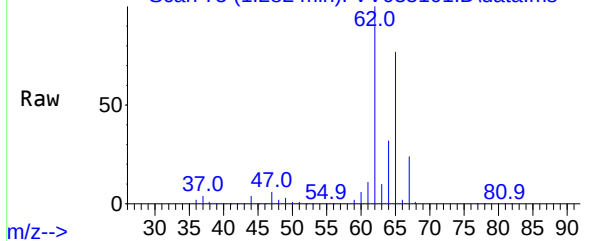
Tgt Ion: 62 Resp: 124983

Ion Ratio Lower Upper

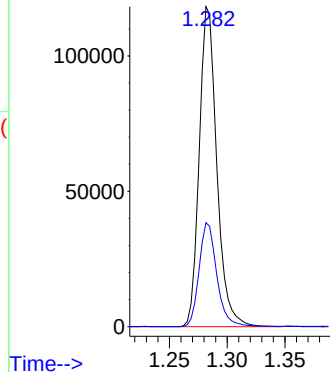
62 100

64 32.5 23.6 43.8

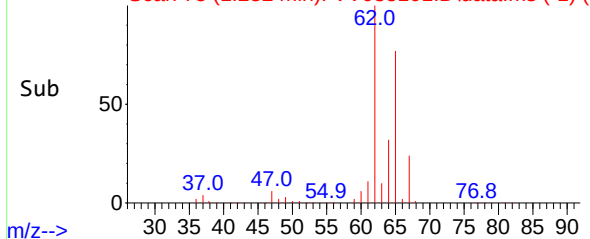
Abundance Scan 75 (1.282 min): VV035101.D\data.ms



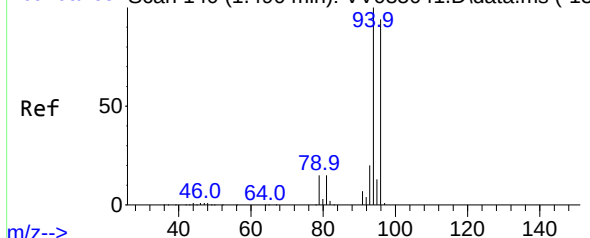
Abundance



Abundance Scan 75 (1.282 min): VV035101.D\data.ms (-1)



Abundance Scan 140 (1.490 min): VV035041.D\data.ms (-13)



#6

Bromomethane

Concen: 32.000 ug/L

RT: 1.478 min Scan# 136

Delta R.T. -0.010 min

Lab File: VV035101.D

Acq: 10 Apr 2024 12:04

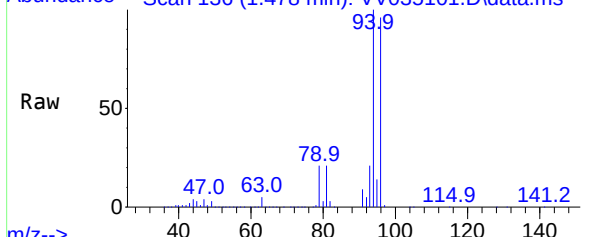
Tgt Ion: 94 Resp: 67574

Ion Ratio Lower Upper

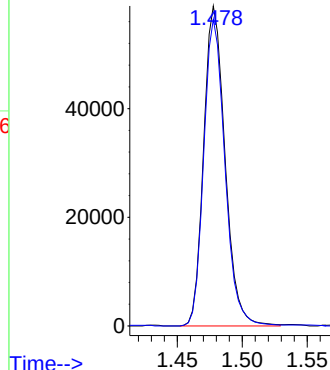
94 100

96 95.8 66.3 123.1

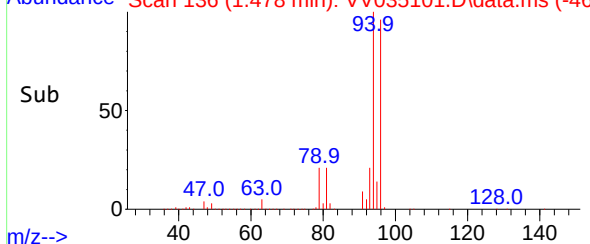
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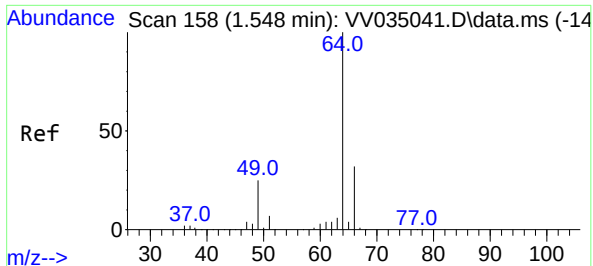


Abundance



Abundance Scan 136 (1.478 min): VV035101.D\data.ms (-46)

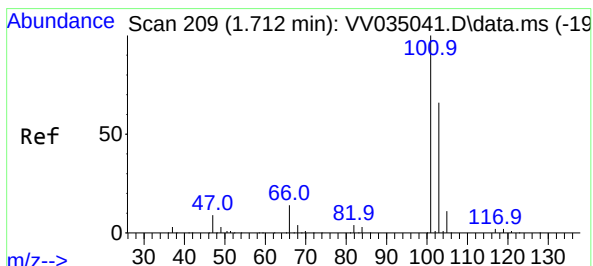
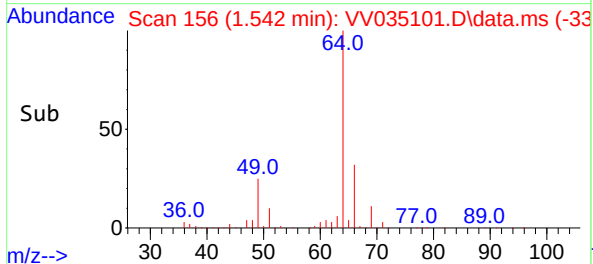
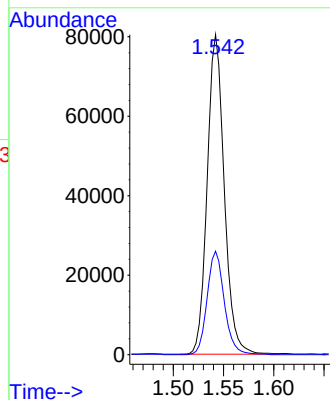
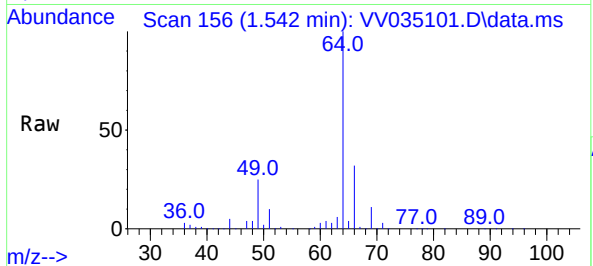




#8
Chloroethane
Concen: 49.236 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

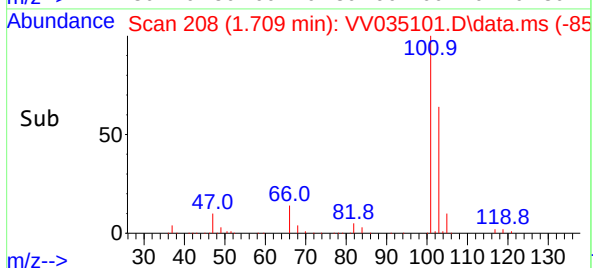
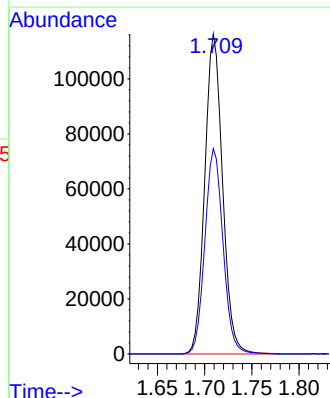
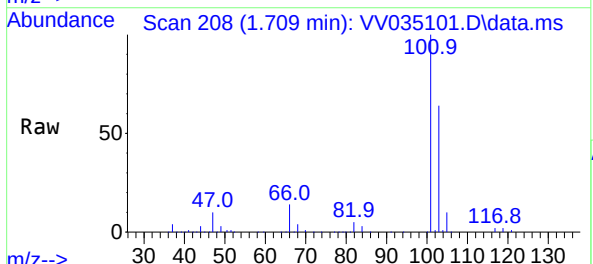
Instrument :
MSVOA_V
ClientSampleId :

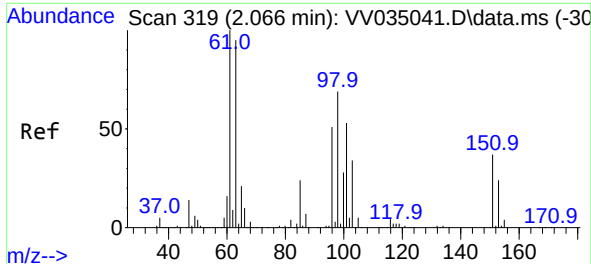
Tgt Ion: 64 Resp: 94732
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 41.198 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion:101 Resp: 152332
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

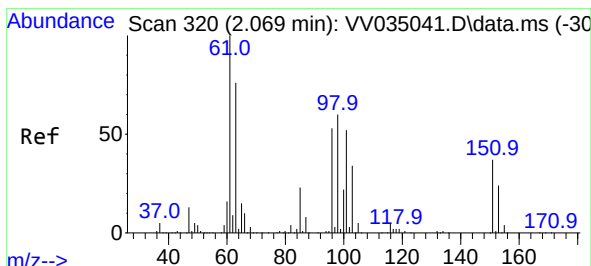
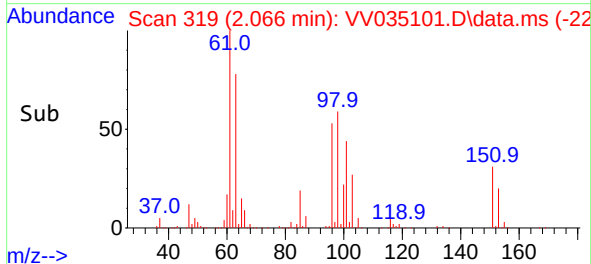
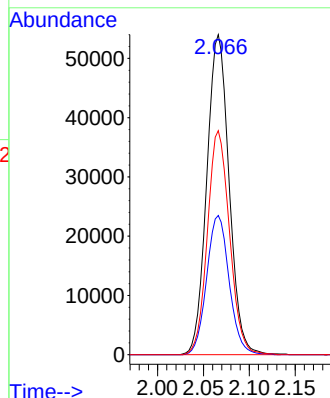
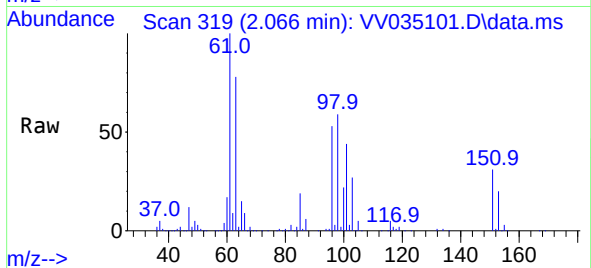




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 40.378 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

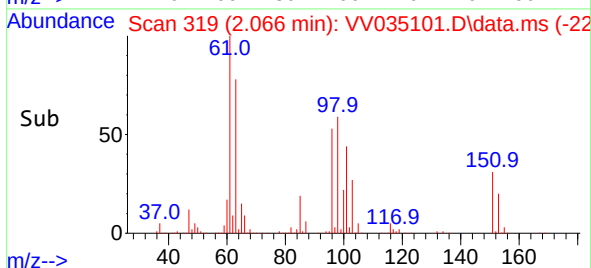
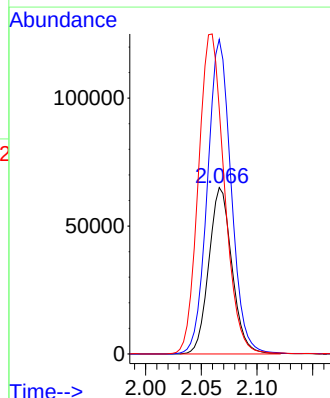
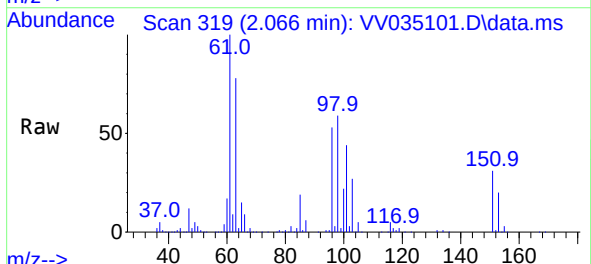
Instrument :
MSVOA_V
ClientSampleId :

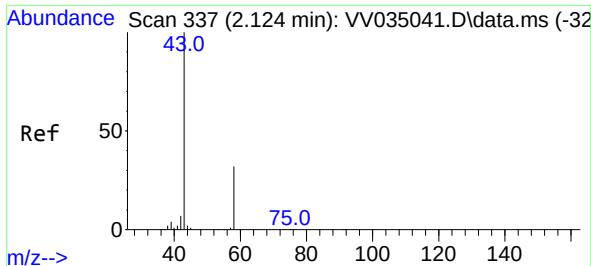
Tgt Ion:101 Resp: 91381
Ion Ratio Lower Upper
101 100
85 44.0 35.3 52.9
151 69.5 55.0 82.4



#12
1,1-Dichloroethene
Concen: 43.373 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion: 96 Resp: 93880
Ion Ratio Lower Upper
96 100
61 189.1 131.5 244.3
63 147.5 111.4 206.8





#13

Acetone

Concen: 125.572 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV035101.D

Acq: 10 Apr 2024 12:04

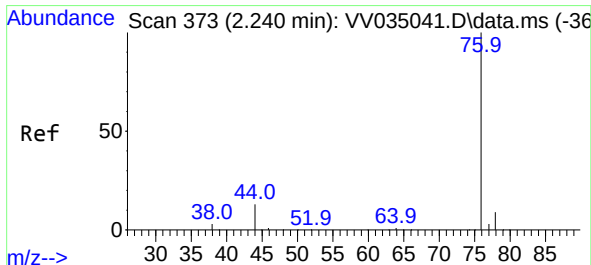
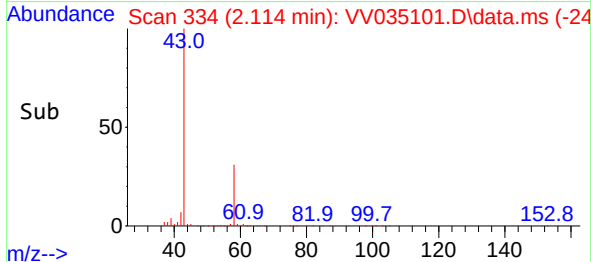
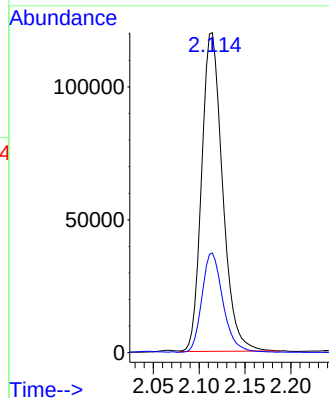
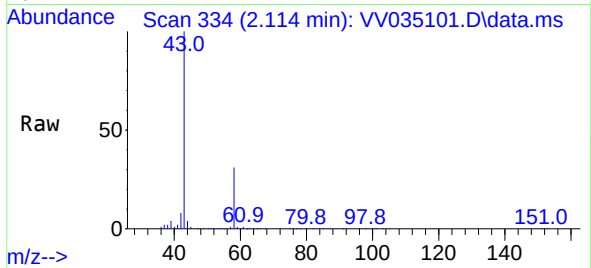
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 190439

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	66.0



#14

Carbon disulfide

Concen: 36.568 ug/L

RT: 2.236 min Scan# 372

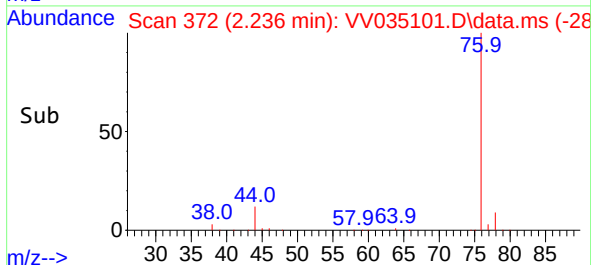
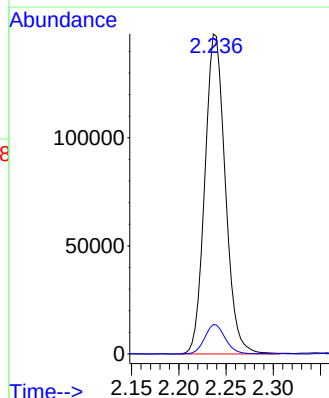
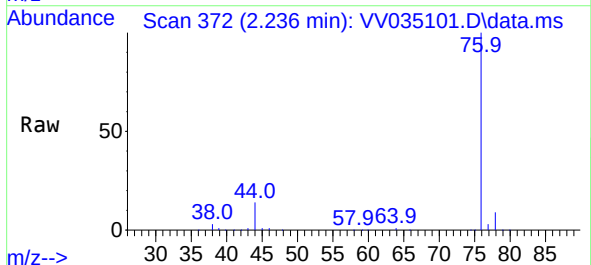
Delta R.T. -0.003 min

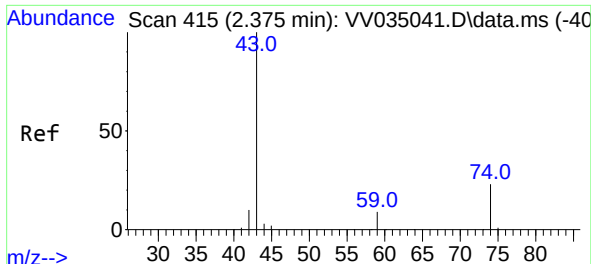
Lab File: VV035101.D

Acq: 10 Apr 2024 12:04

Tgt Ion: 76 Resp: 222896

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

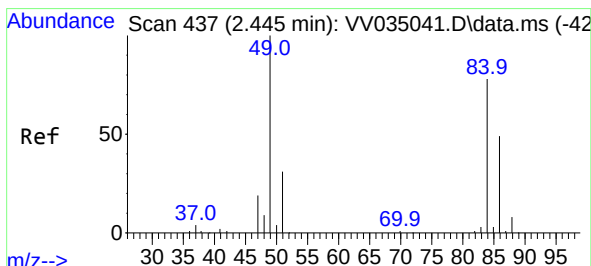
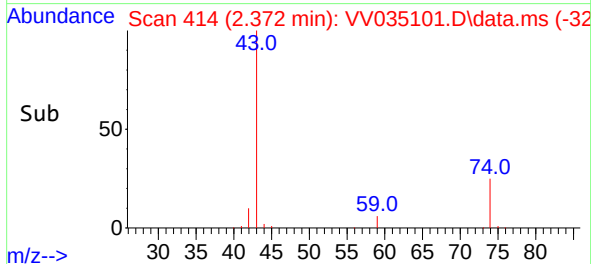
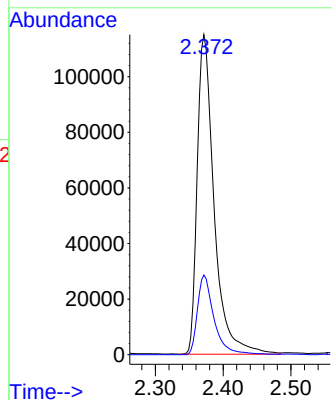
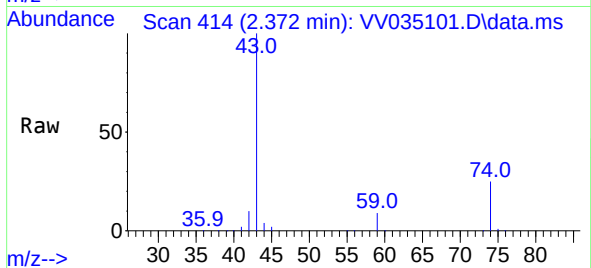




#15
Methyl Acetate
Concen: 83.284 ug/L
RT: 2.372 min Scan# 415
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

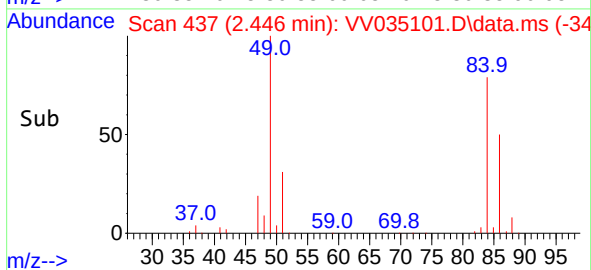
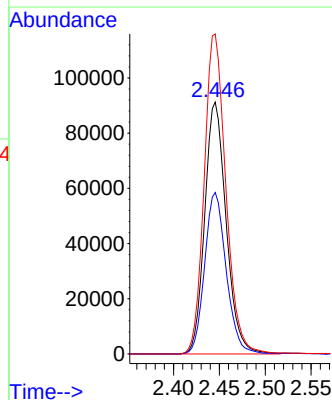
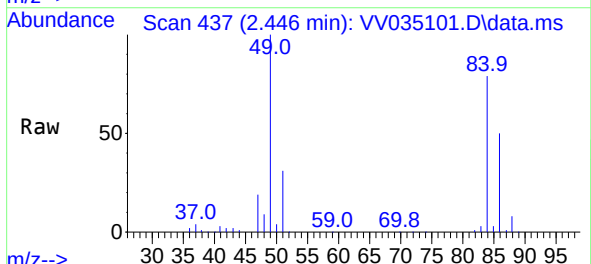
Instrument :
MSVOA_V
ClientSampleId :

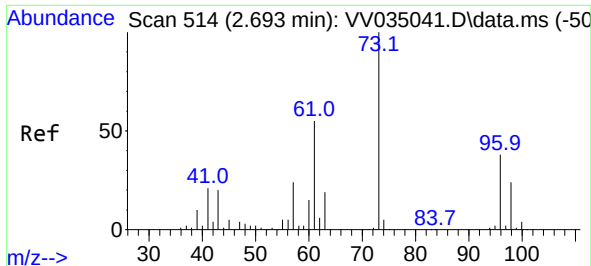
Tgt Ion: 43 Resp: 199041
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.8



#16
Methylene chloride
Concen: 63.311 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

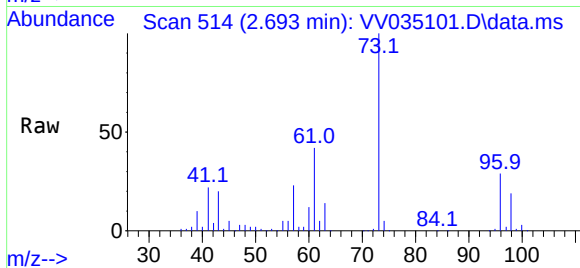
Tgt Ion: 84 Resp: 148485
Ion Ratio Lower Upper
84 100
86 64.1 44.6 82.8
49 127.0 86.9 161.3



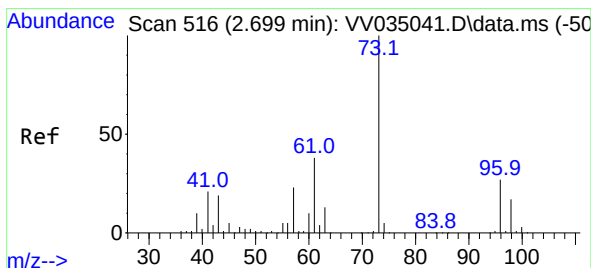
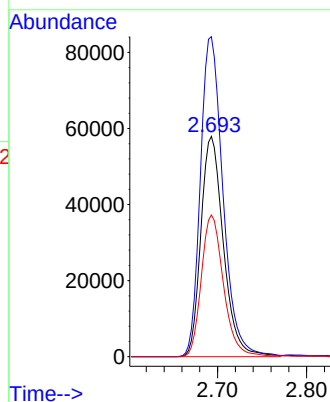
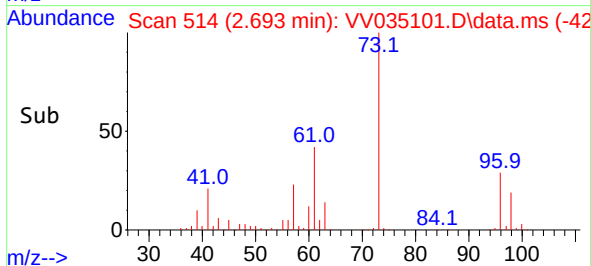


#17
trans-1,2-Dichloroethene
Concen: 48.660 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

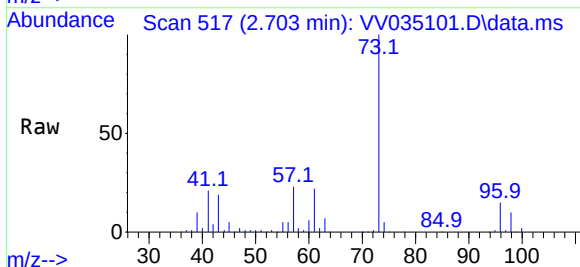
Instrument :
MSVOA_V
ClientSampleId :



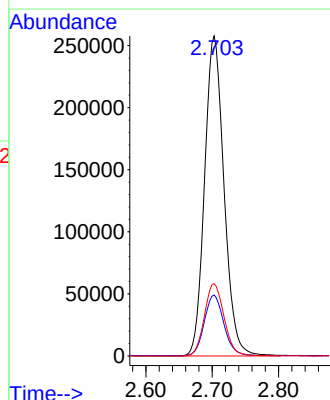
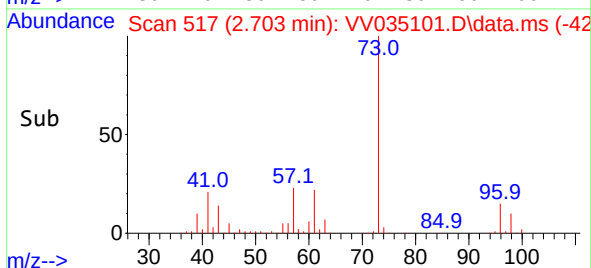
Tgt Ion: 96 Resp: 101829
Ion Ratio Lower Upper
96 100
61 145.3 99.0 183.8
98 64.4 44.3 82.3

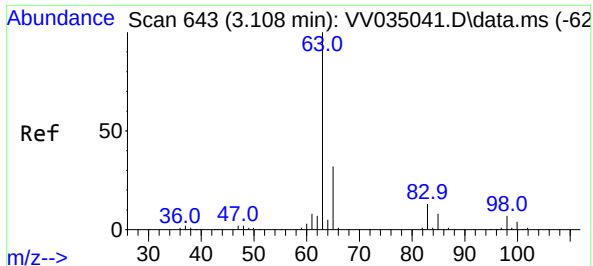


#18
Methyl tert-butyl Ether
Concen: 71.384 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04



Tgt Ion: 73 Resp: 524697
Ion Ratio Lower Upper
73 100
43 19.0 14.6 21.8
57 22.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 61.465 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV035101.D

Acq: 10 Apr 2024 12:04

Instrument :

MSVOA_V

ClientSampleId :

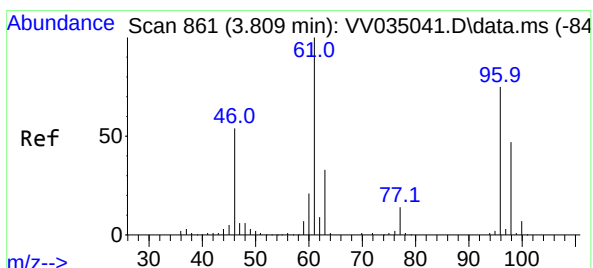
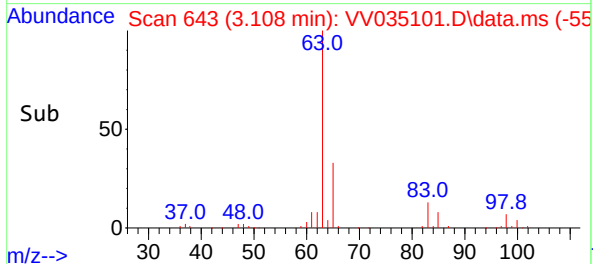
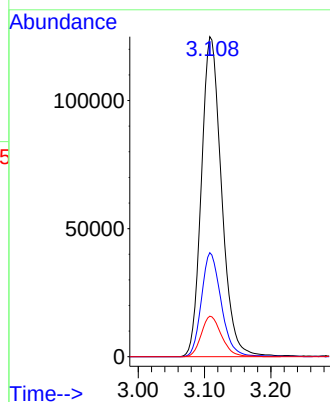
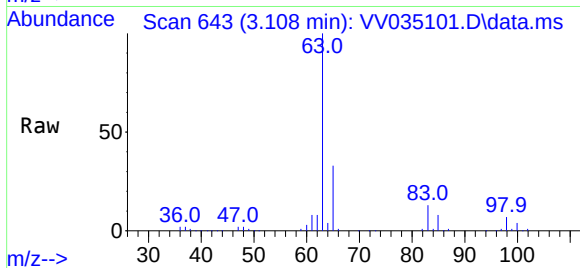
Tgt Ion: 63 Resp: 263771

Ion Ratio Lower Upper

63 100

65 32.5 23.0 42.6

83 12.6 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 58.414 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV035101.D

Acq: 10 Apr 2024 12:04

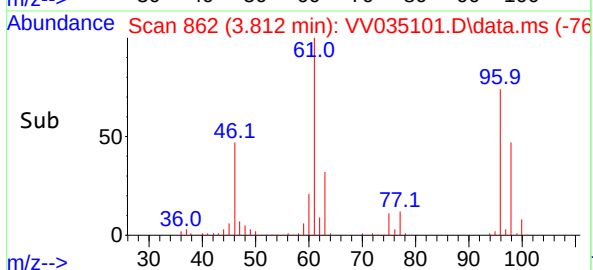
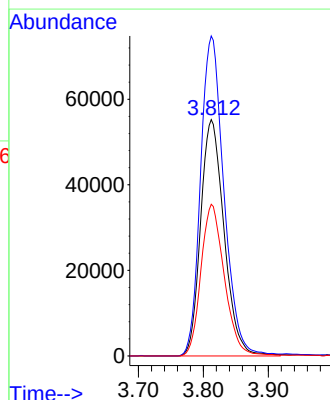
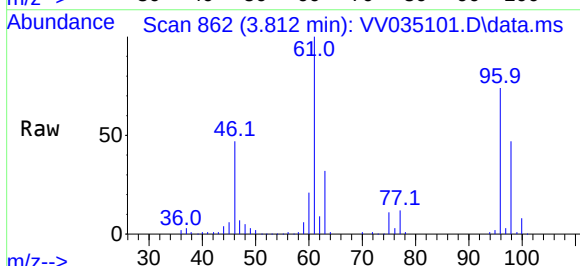
Tgt Ion: 96 Resp: 138811

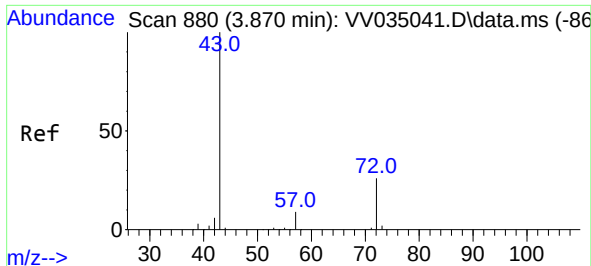
Ion Ratio Lower Upper

96 100

61 135.4 94.9 176.3

98 64.2 45.6 84.8

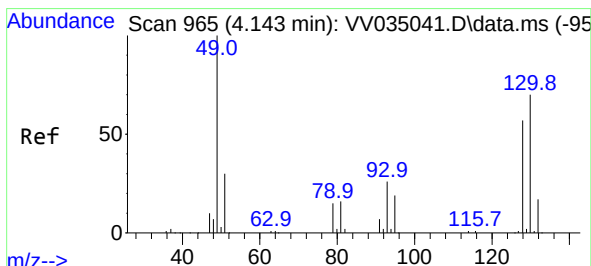
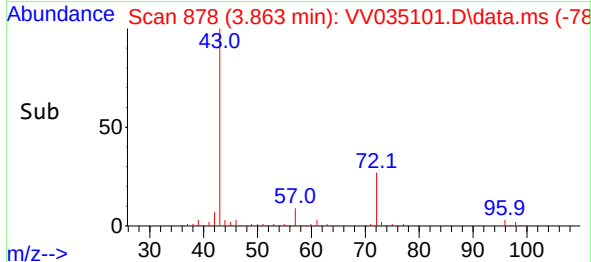
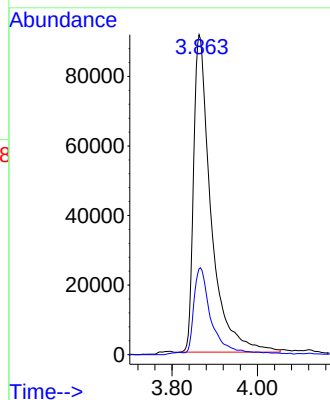
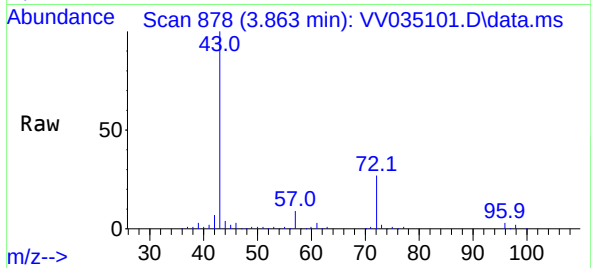




#22
2-Butanone
Concen: 147.102 ug/L
RT: 3.863 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

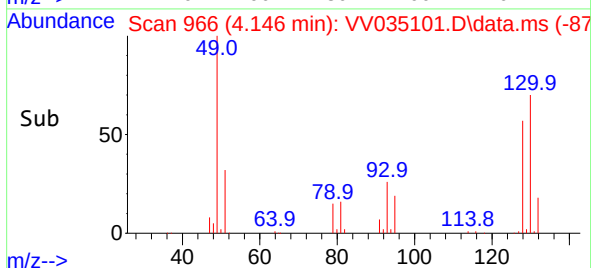
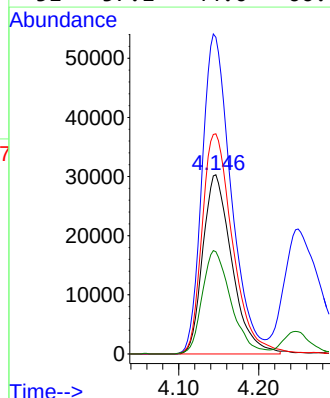
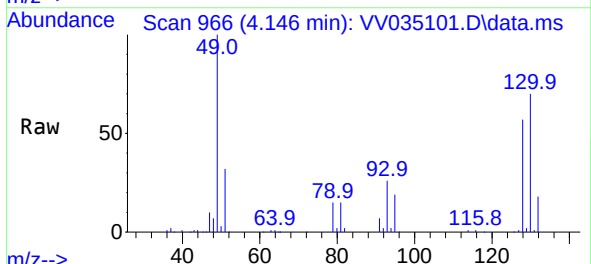
Instrument :
MSVOA_V
ClientSampleId :

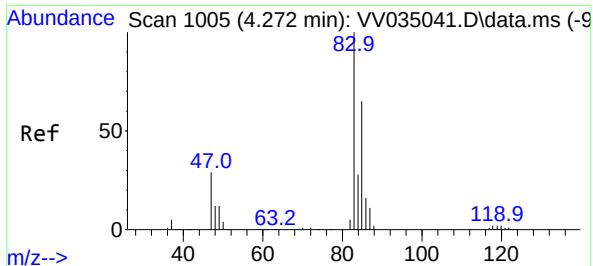
Tgt Ion: 43 Resp: 258873
Ion Ratio Lower Upper
43 100
72 25.0 13.2 39.6



#23
Bromochloromethane
Concen: 64.459 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion:128 Resp: 76637
Ion Ratio Lower Upper
128 100
49 176.8 123.8 229.8
130 122.9 93.2 173.0
51 57.1 44.0 66.0

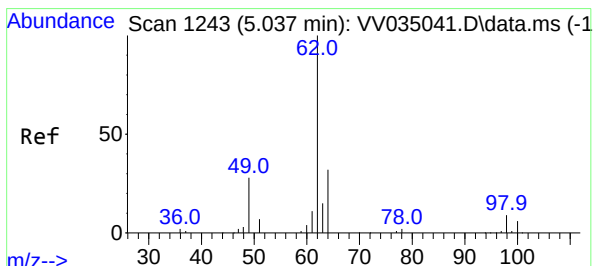
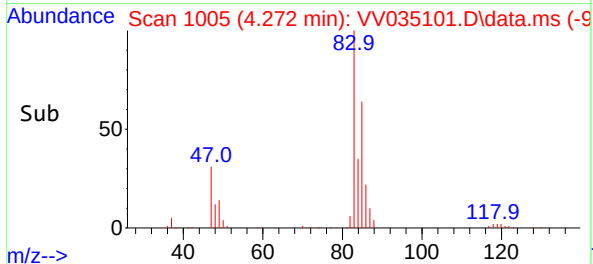
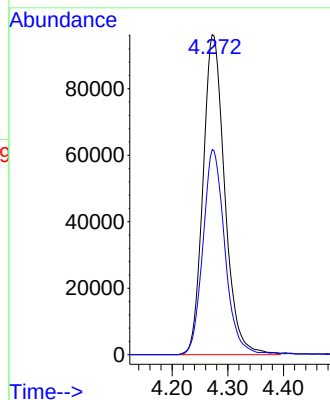
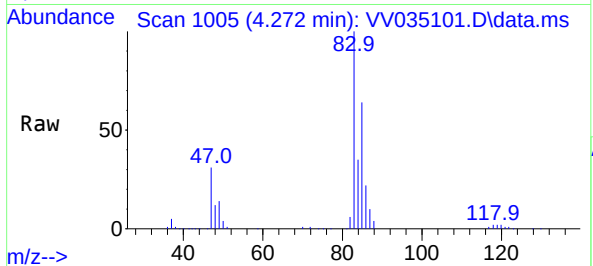




#25
Chloroform
Concen: 61.403 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

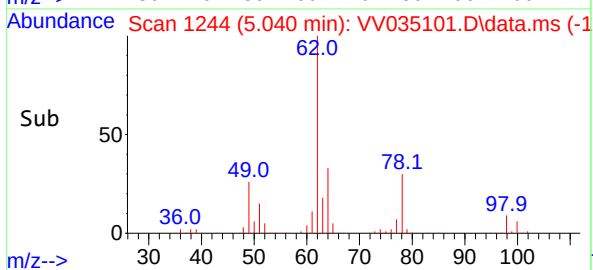
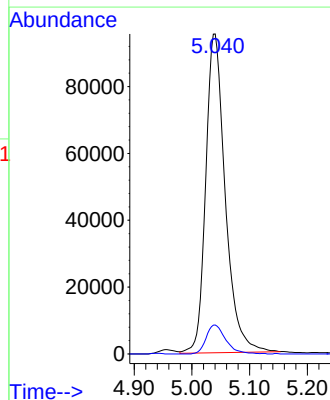
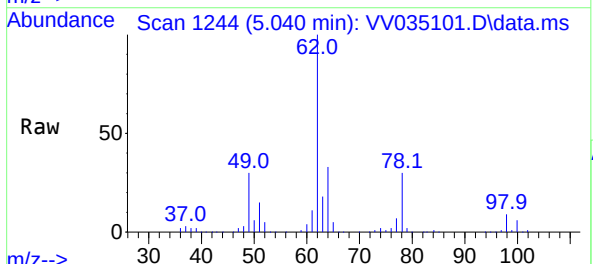
Instrument :
MSVOA_V
ClientSampleId :

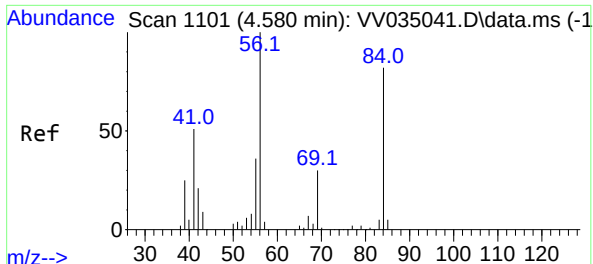
Tgt Ion: 83 Resp: 260523
Ion Ratio Lower Upper
83 100
85 64.1 46.0 85.4



#27
1,2-Dichloroethane
Concen: 66.506 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

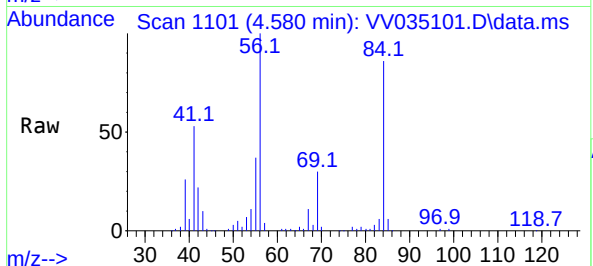
Tgt Ion: 62 Resp: 224663
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8



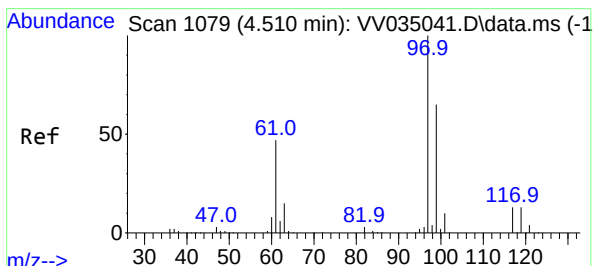
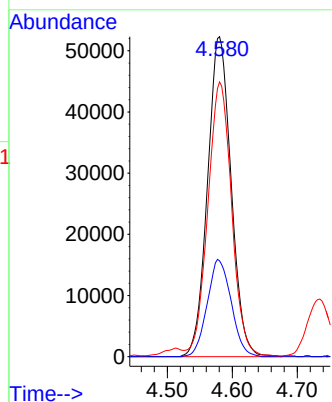
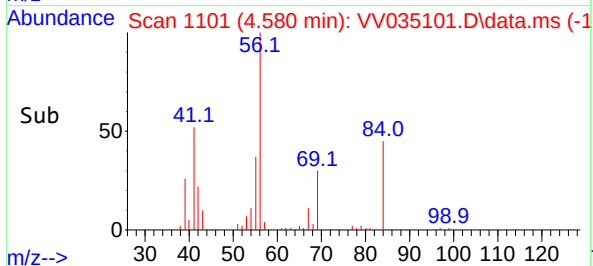


#29
Cyclohexane
Concen: 38.802 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

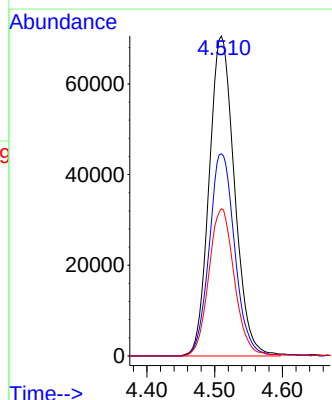
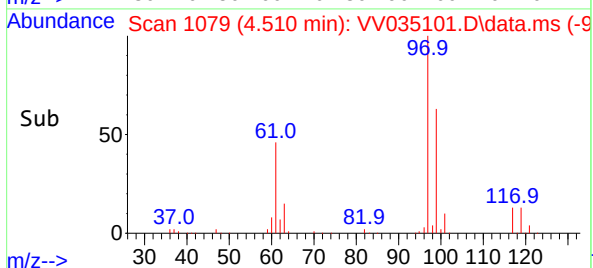
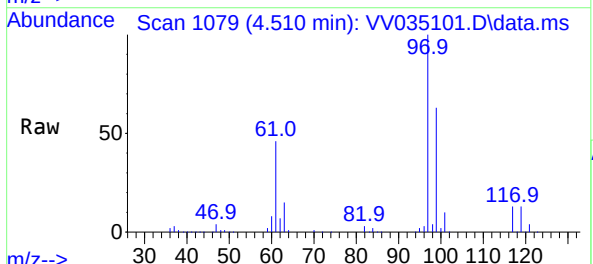


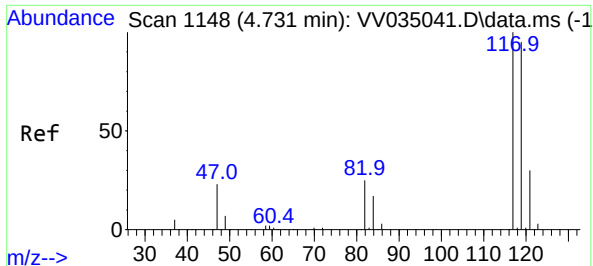
Tgt Ion: 56 Resp: 132009
Ion Ratio Lower Upper
56 100
69 30.9 24.2 36.2
84 85.3 69.8 104.8



#30
1,1,1-Trichloroethane
Concen: 51.711 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion: 97 Resp: 183094
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 46.2 36.8 55.2

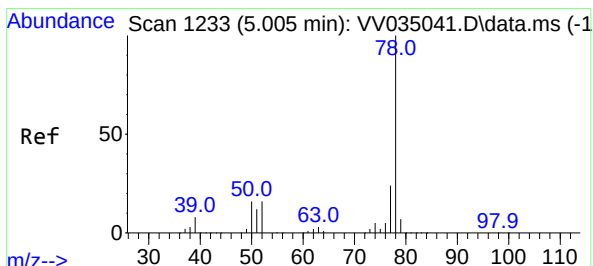
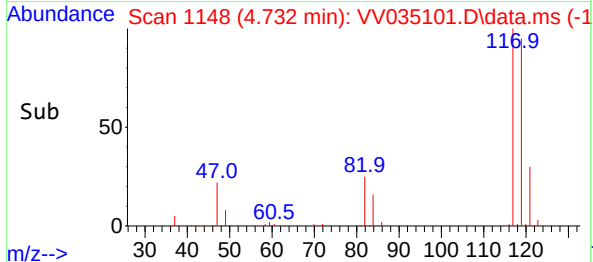
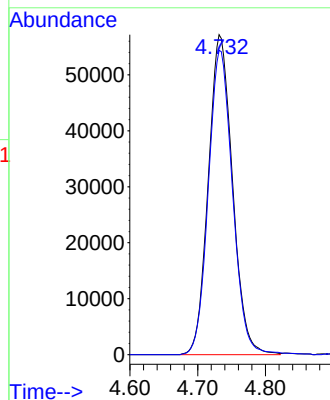
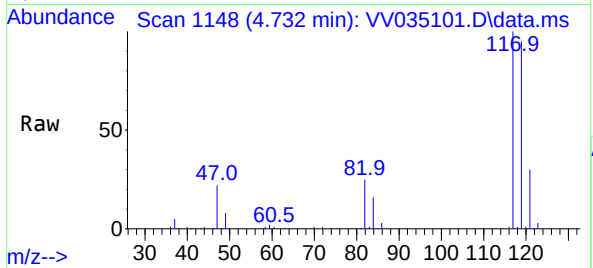




#31
Carbon tetrachloride
Concen: 47.132 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

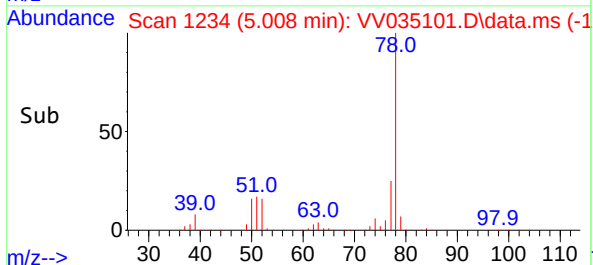
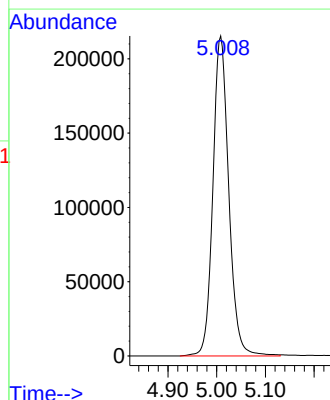
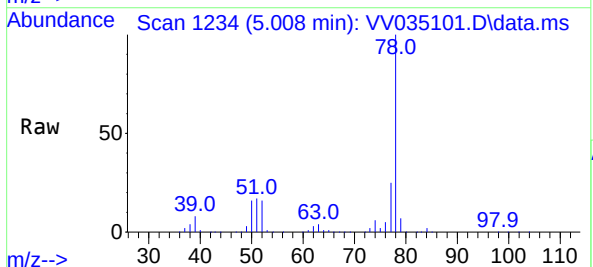
Instrument :
MSVOA_V
ClientSampleId :

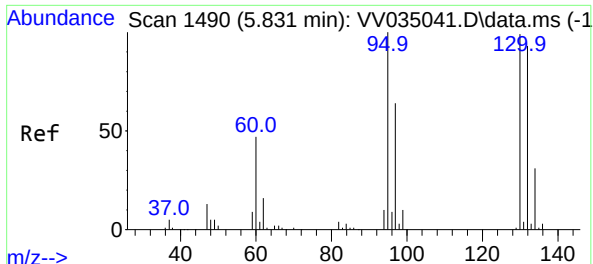
Tgt Ion:117 Resp: 141446
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7



#33
Benzene
Concen: 54.978 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion: 78 Resp: 486968

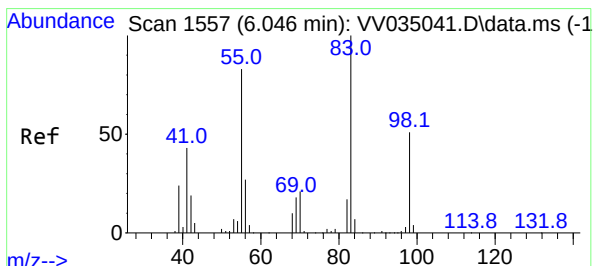
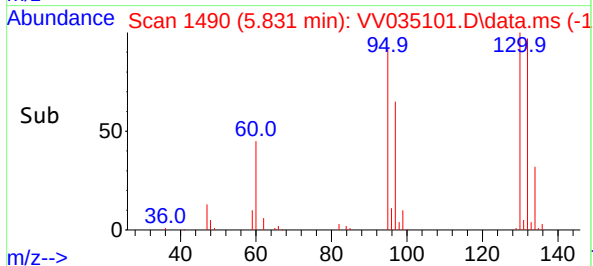
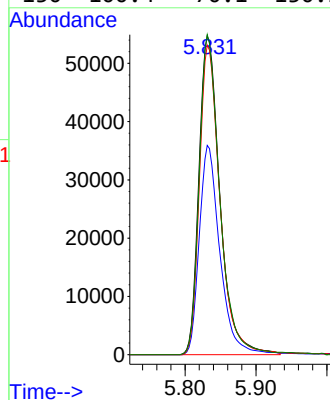
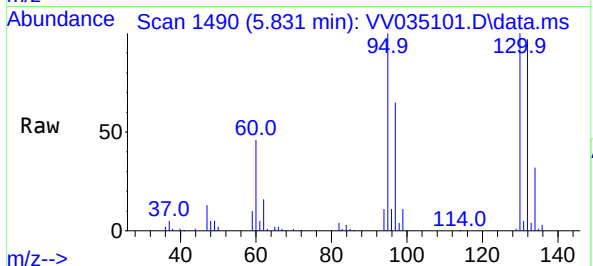




#34
Trichloroethene
Concen: 47.271 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

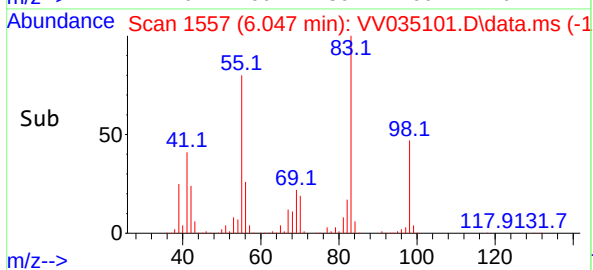
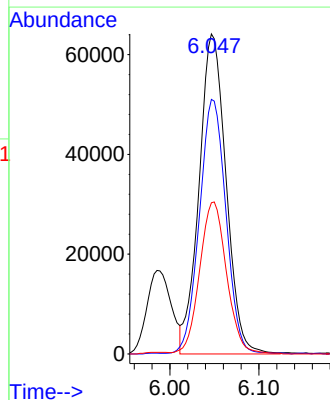
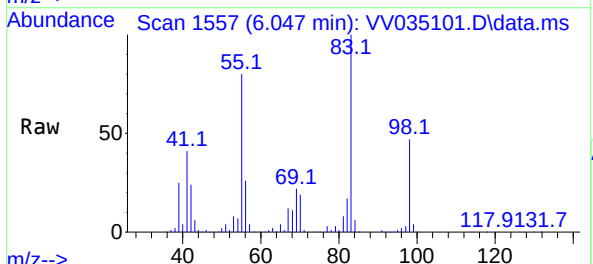
Instrument :
MSVOA_V
ClientSampleId :

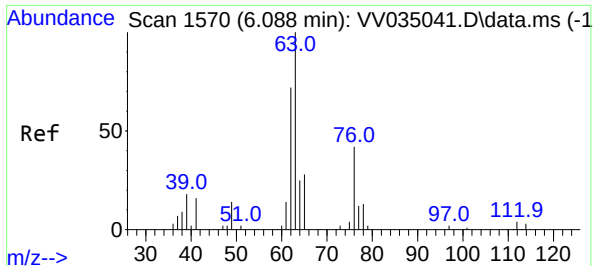
Tgt Ion: 95 Resp: 113000
Ion Ratio Lower Upper
95 100
97 65.6 45.3 84.1
132 97.1 65.3 121.3
130 100.4 70.1 130.3



#35
Methylcyclohexane
Concen: 37.453 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion: 83 Resp: 135211
Ion Ratio Lower Upper
83 100
55 78.3 60.0 90.0
98 47.5 37.6 56.4

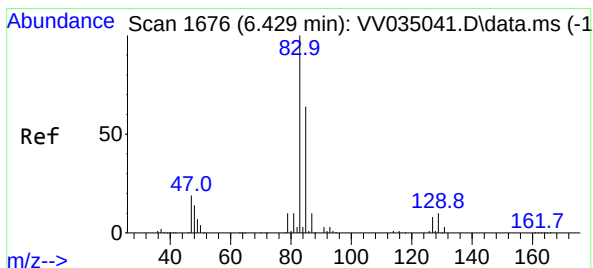
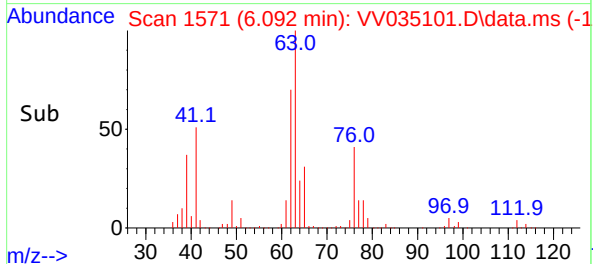
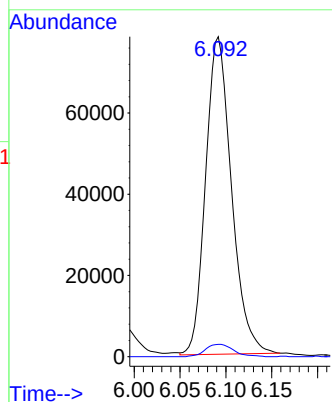
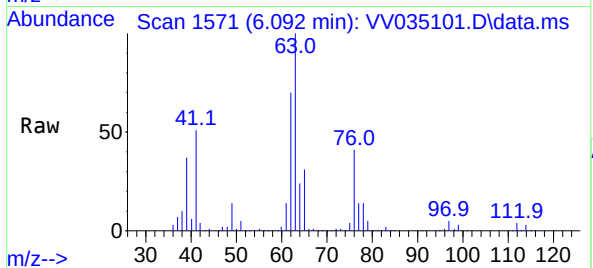




#37
1,2-Dichloropropane
Concen: 62.738 ug/L
RT: 6.092 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

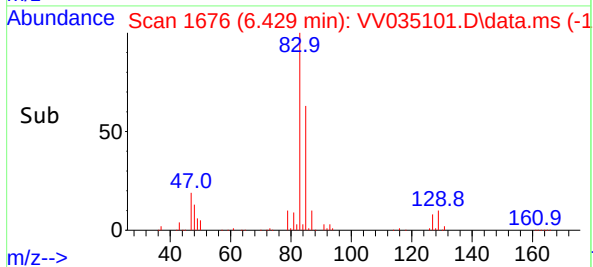
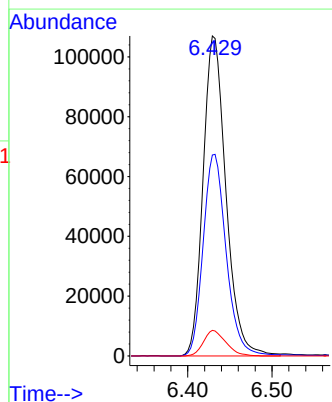
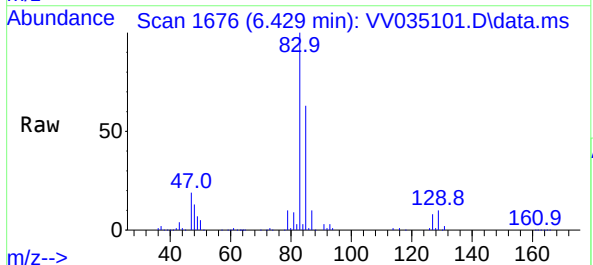
Instrument :
MSVOA_V
ClientSampleId :

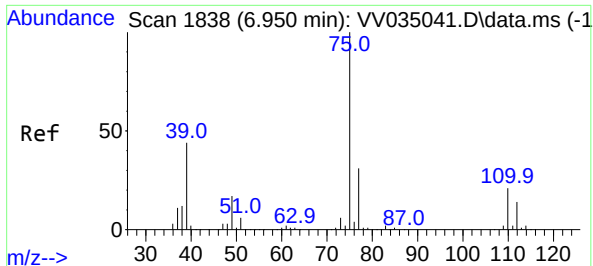
Tgt Ion: 63 Resp: 153572
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 64.129 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion: 83 Resp: 202537
Ion Ratio Lower Upper
83 100
85 62.8 43.7 81.1
127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 54.716 ug/L

RT: 6.953 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV035101.D

Acq: 10 Apr 2024 12:04

Instrument :

MSVOA_V

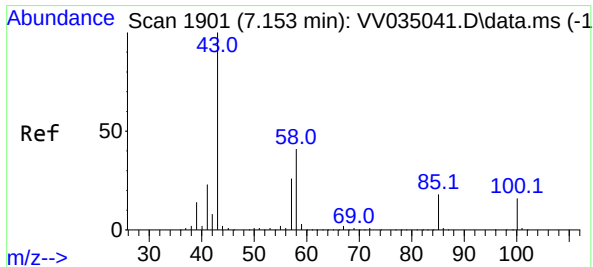
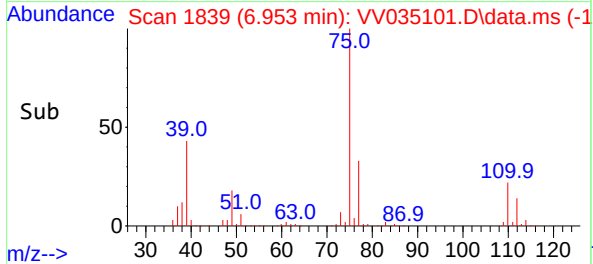
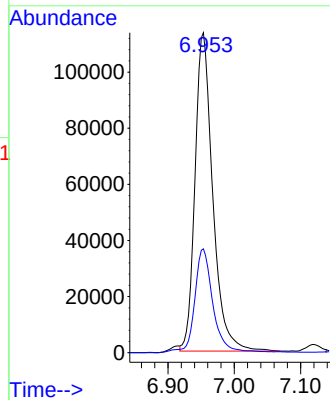
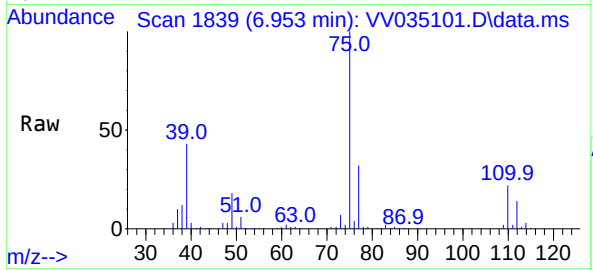
ClientSampleId :

Tgt Ion: 75 Resp: 210989

Ion Ratio Lower Upper

75 100

77 32.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 159.280 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV035101.D

Acq: 10 Apr 2024 12:04

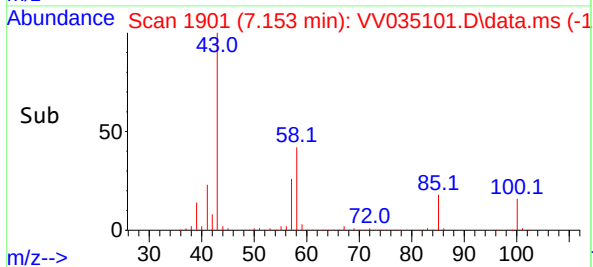
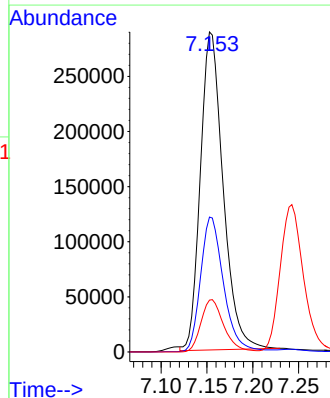
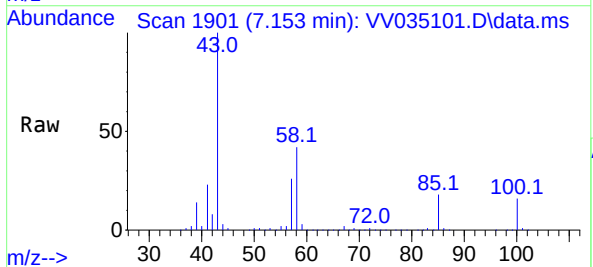
Tgt Ion: 43 Resp: 497793

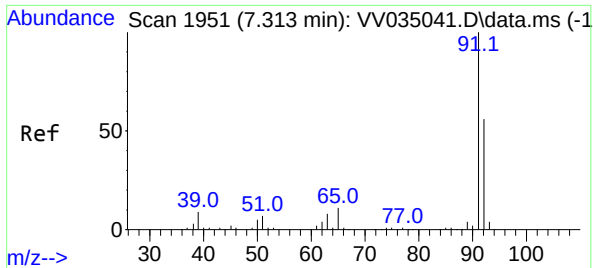
Ion Ratio Lower Upper

43 100

58 42.5 33.8 50.8

100 16.5 13.0 19.4

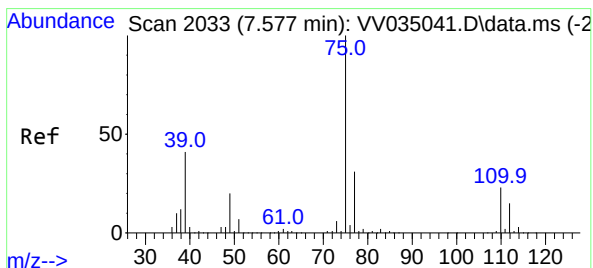
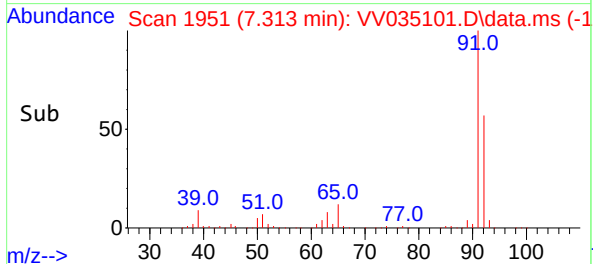
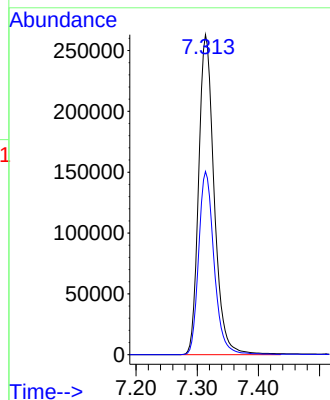
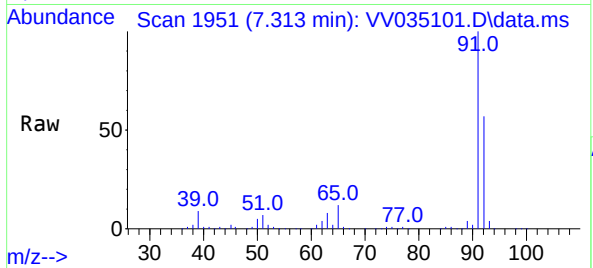




#42
Toluene
Concen: 49.962 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

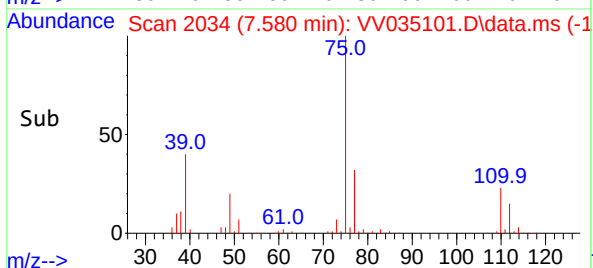
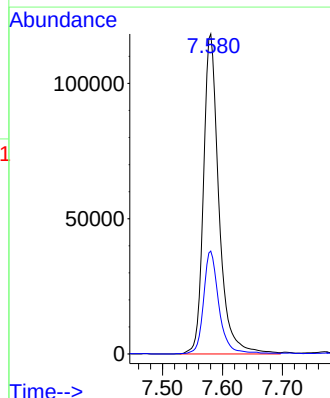
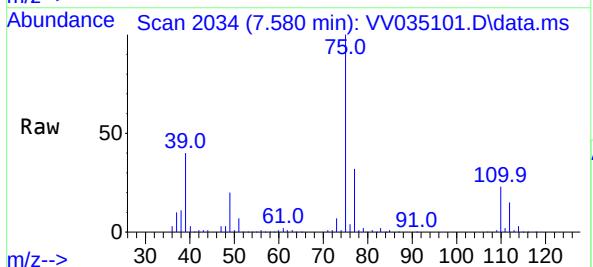
Instrument :
MSVOA_V
ClientSampleId :

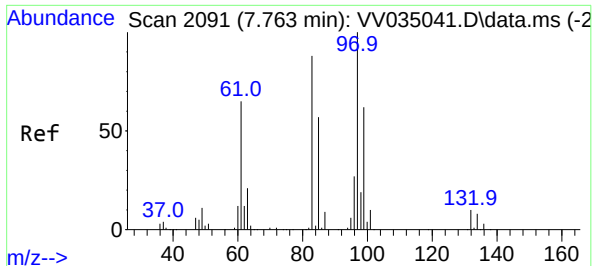
Tgt Ion: 91 Resp: 463307
Ion Ratio Lower Upper
91 100
92 57.3 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 60.032 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion: 75 Resp: 212673
Ion Ratio Lower Upper
75 100
77 32.1 21.7 40.3



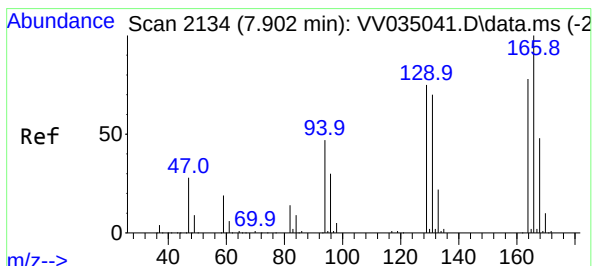
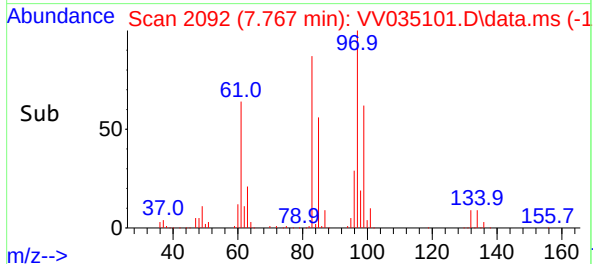
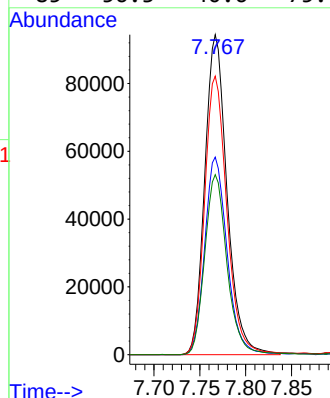
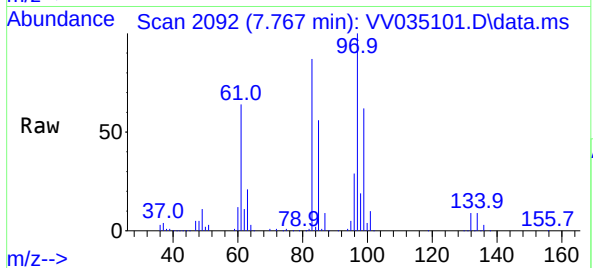


#45
1,1,2-Trichloroethane
Concen: 69.210 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 159678

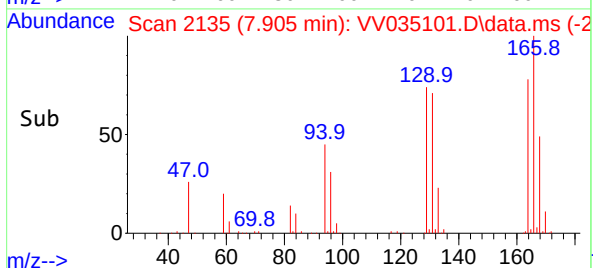
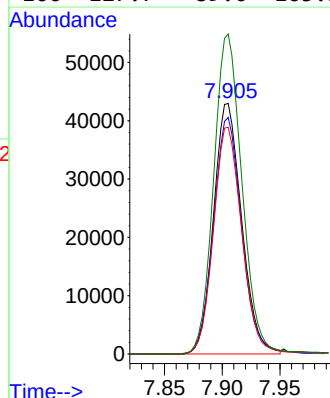
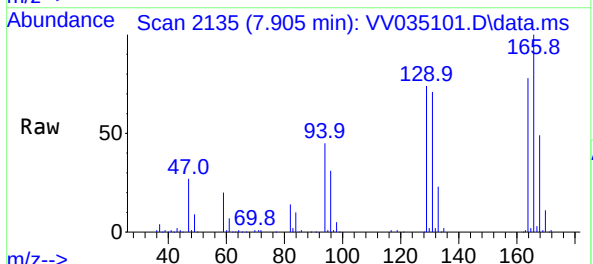
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.3	80.3
83	87.1	61.6	114.4
85	56.3	40.6	75.4

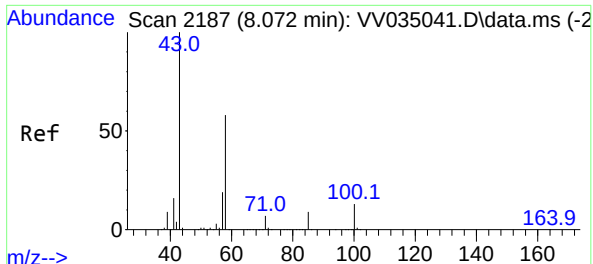


#46
Tetrachloroethene
Concen: 43.533 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion: 164 Resp: 72702

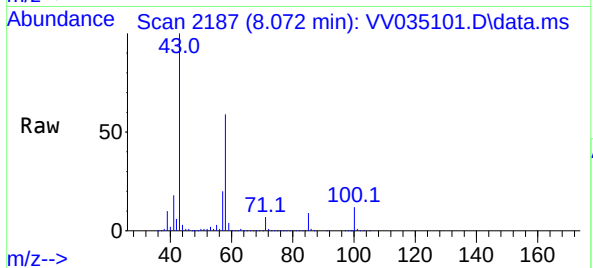
Ion	Ratio	Lower	Upper
164	100		
129	94.3	68.6	127.4
131	90.5	65.7	122.1
166	127.7	89.0	165.2





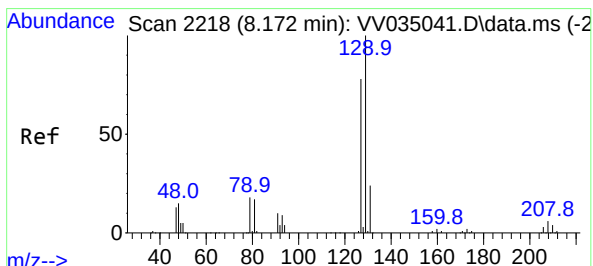
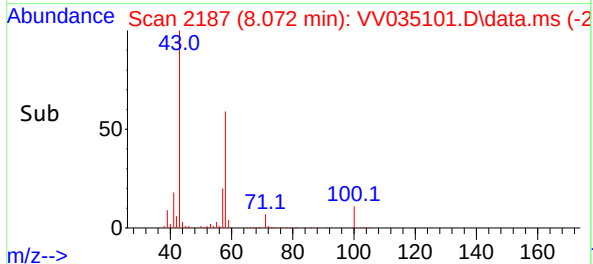
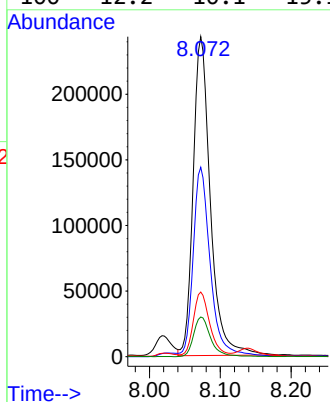
#48
2-Hexanone
Concen: 154.509 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 410697

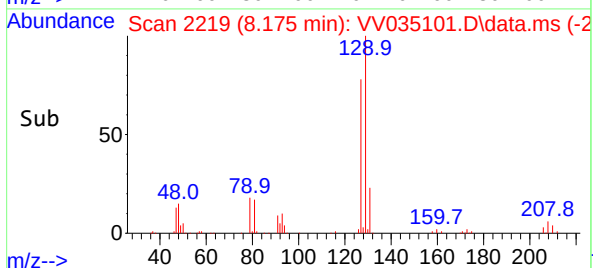
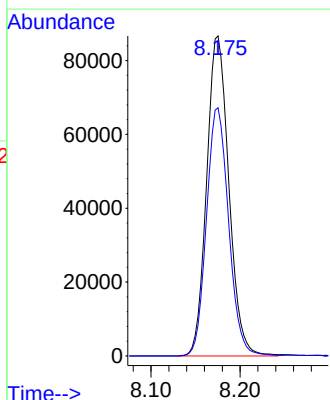
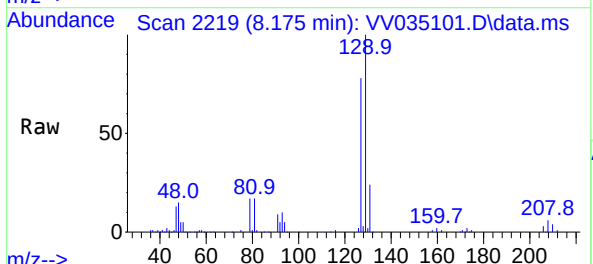
Ion	Ratio	Lower	Upper
43	100		
58	58.8	45.4	68.2
57	19.1	16.2	24.4
100	12.2	10.1	15.1

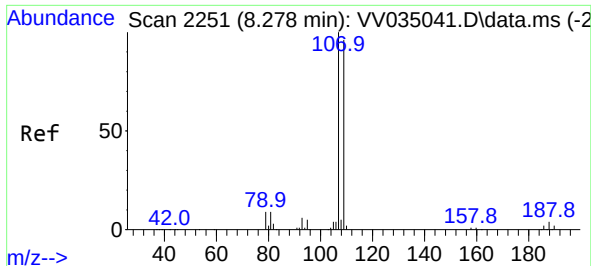


#49
Dibromochloromethane
Concen: 65.710 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion: 129 Resp: 150153

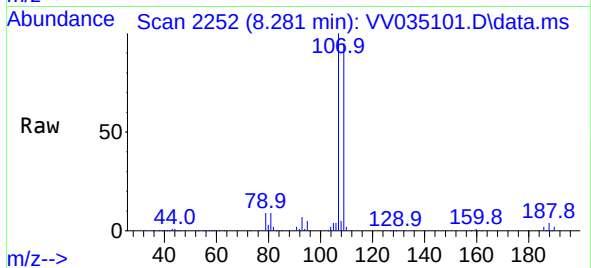
Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.1	100.5



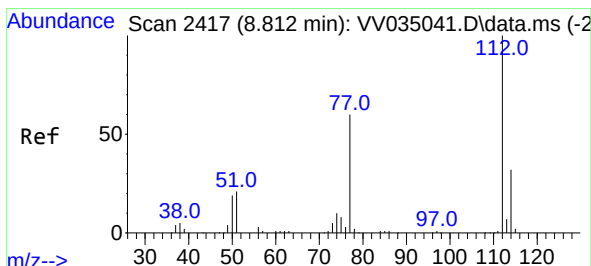
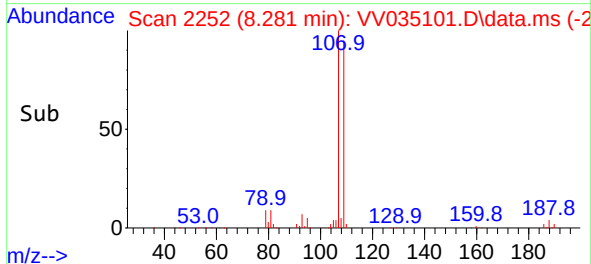
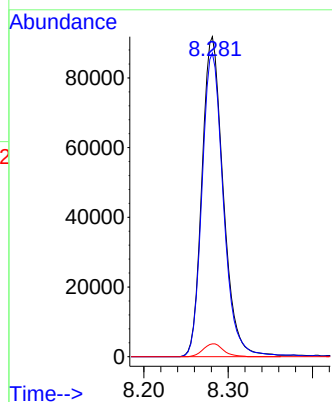


#50
1,2-Dibromoethane
Concen: 65.068 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

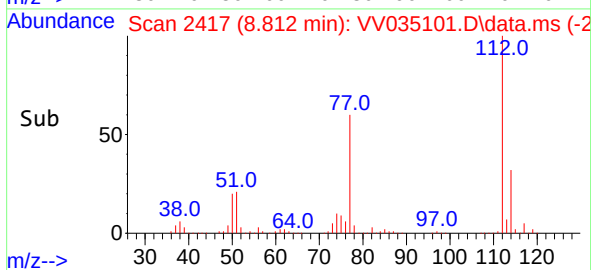
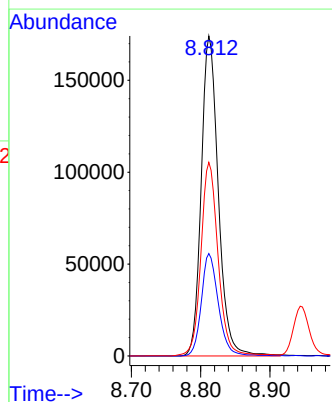
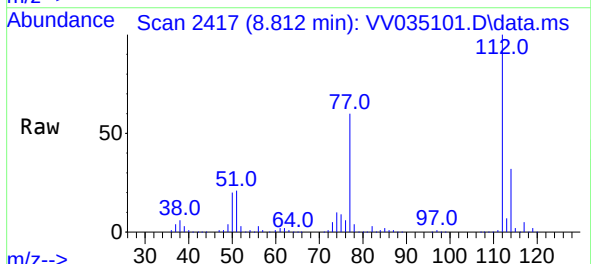


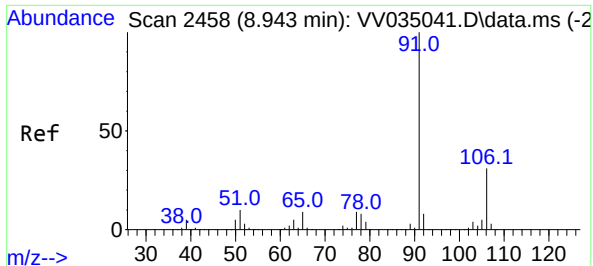
Tgt Ion:107 Resp: 161624
Ion Ratio Lower Upper
107 100
109 94.9 64.5 119.9
188 4.0 2.8 4.2



#51
Chlorobenzene
Concen: 49.679 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion:112 Resp: 298579
Ion Ratio Lower Upper
112 100
114 32.0 22.0 41.0
77 60.5 47.4 71.2





#52

Ethylbenzene

Concen: 45.552 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035101.D

Acq: 10 Apr 2024 12:04

Instrument :

MSVOA_V

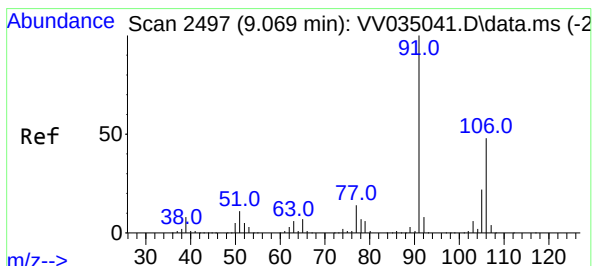
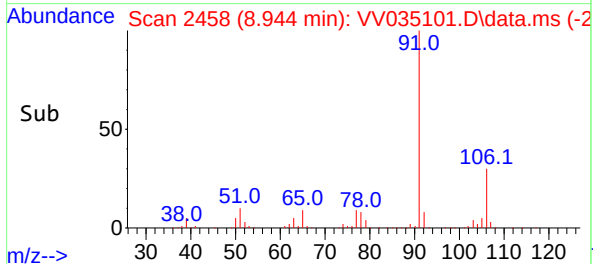
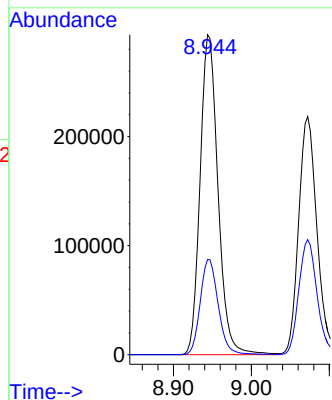
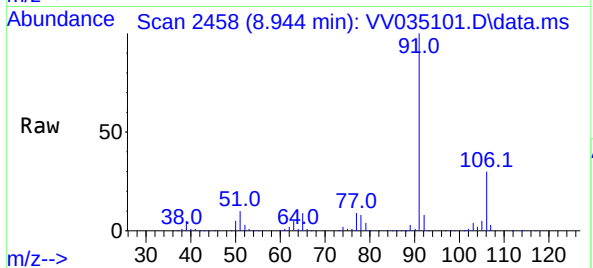
ClientSampleId :

Tgt Ion: 91 Resp: 468159

Ion Ratio Lower Upper

91 100

106 29.8 21.3 39.5



#53

m,p-Xylene

Concen: 45.266 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV035101.D

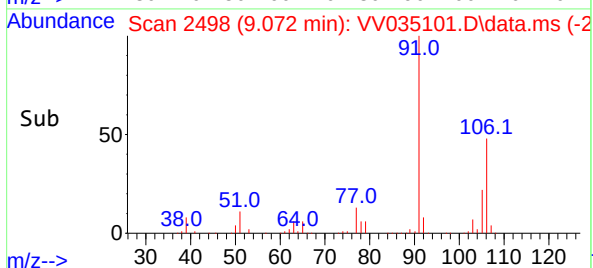
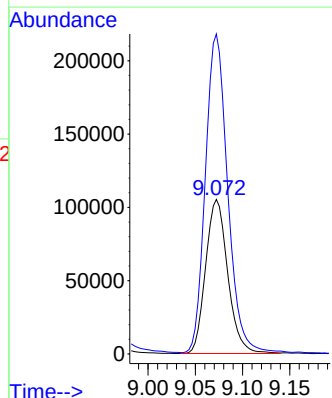
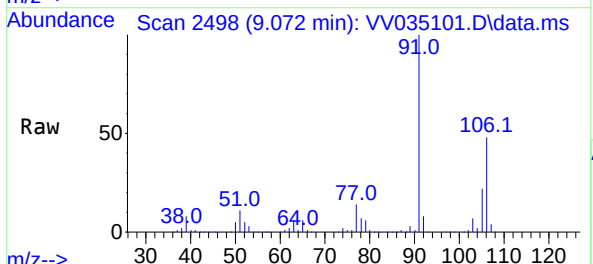
Acq: 10 Apr 2024 12:04

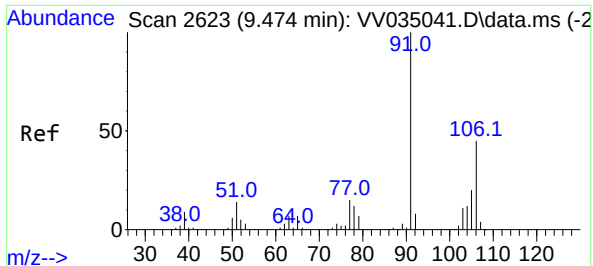
Tgt Ion: 106 Resp: 171324

Ion Ratio Lower Upper

106 100

91 207.1 144.8 269.0

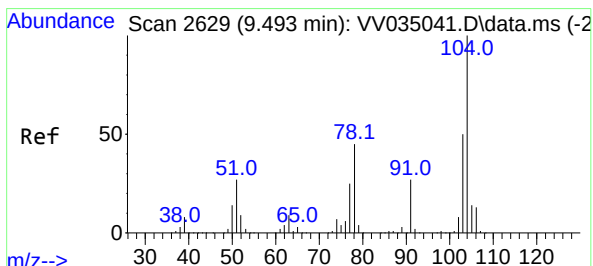
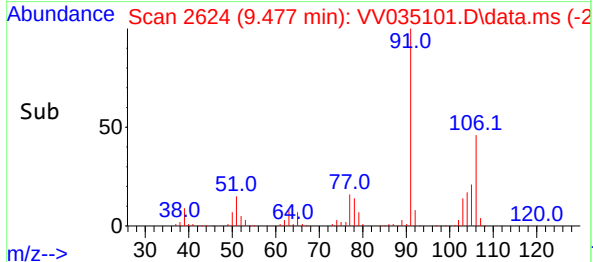
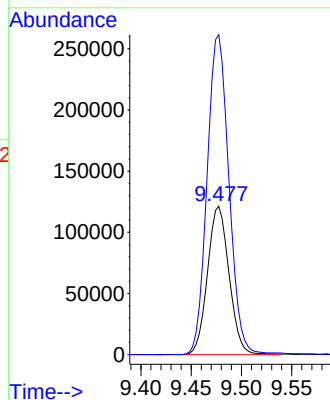
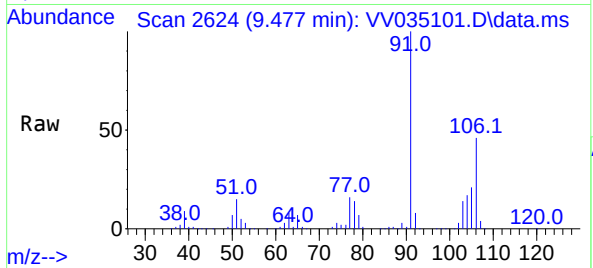




#54
o-Xylene
Concen: 48.430 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

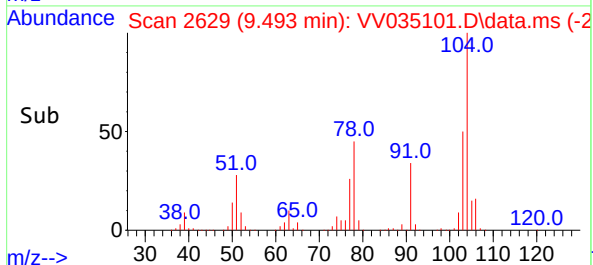
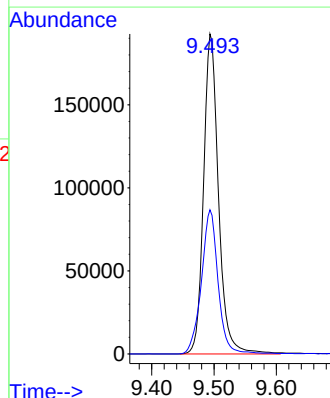
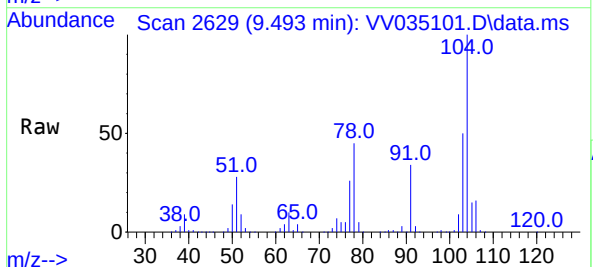
Instrument :
MSVOA_V
ClientSampleId :

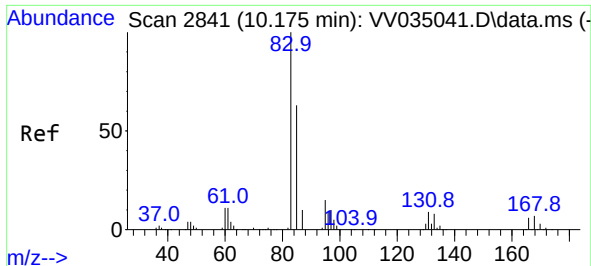
Tgt Ion:106 Resp: 181362
Ion Ratio Lower Upper
106 100
91 215.5 151.3 280.9



#55
Styrene
Concen: 50.765 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

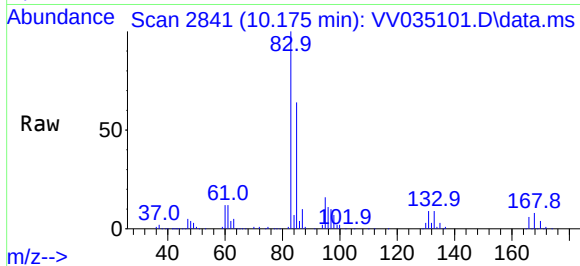
Tgt Ion:104 Resp: 321263
Ion Ratio Lower Upper
104 100
78 45.1 31.5 58.5



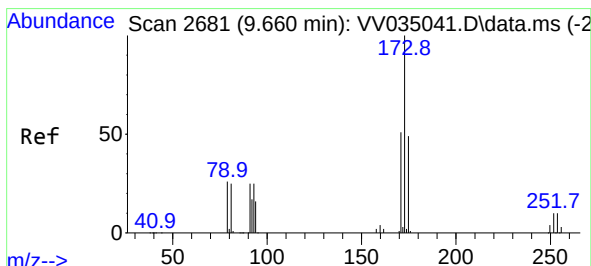
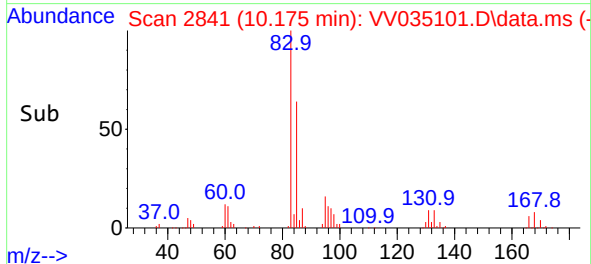
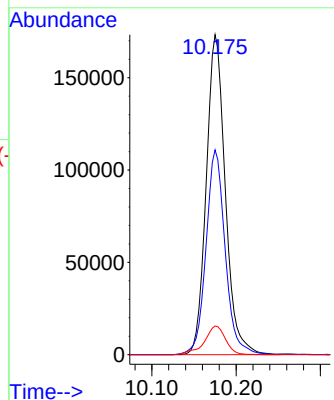


#57
1,1,2,2-Tetrachloroethane
Concen: 73.161 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

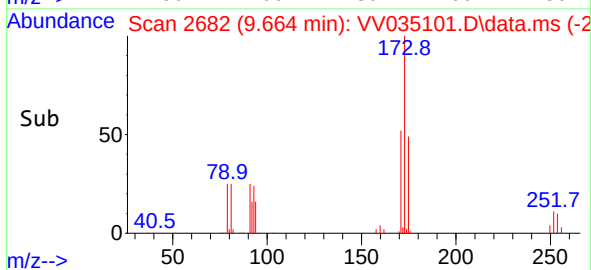
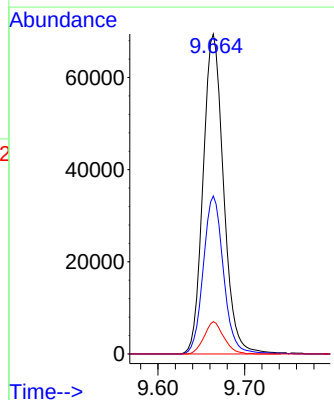
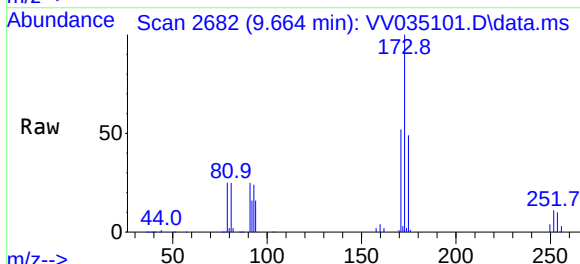


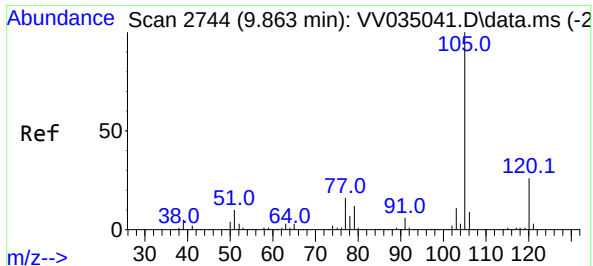
Tgt Ion: 83 Resp: 273488
Ion Ratio Lower Upper
83 100
85 64.0 44.5 82.7
131 8.9 6.9 10.3



#59
Bromoform
Concen: 76.631 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion:173 Resp: 114233
Ion Ratio Lower Upper
173 100
175 48.7 39.3 58.9
254 9.6 7.5 11.3



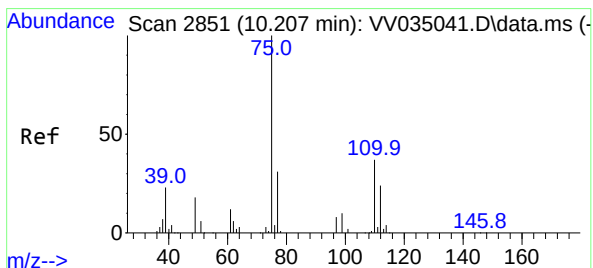
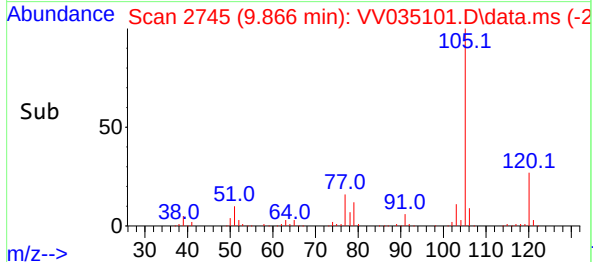
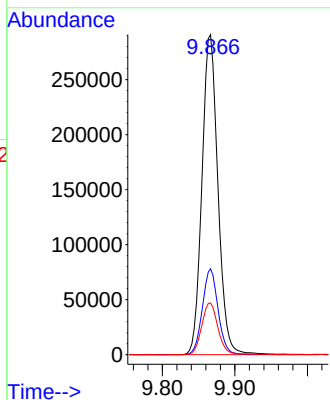
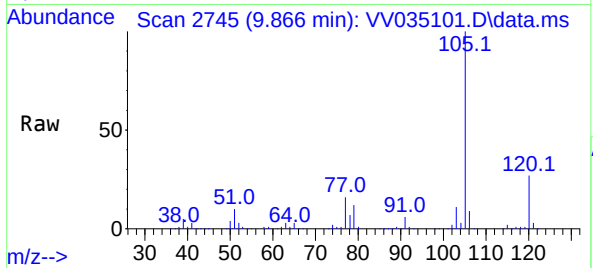


#60
Isopropylbenzene
Concen: 47.551 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 445917

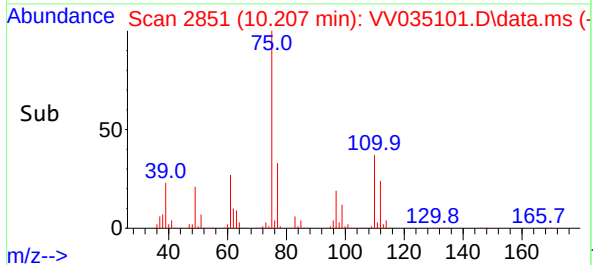
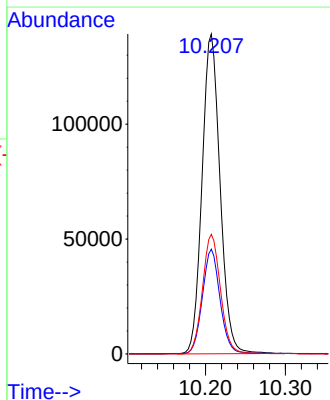
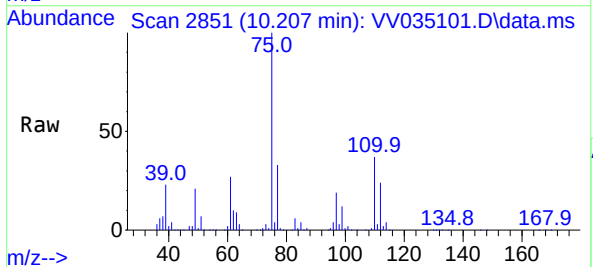
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.0	31.6
77	16.3	13.1	19.7

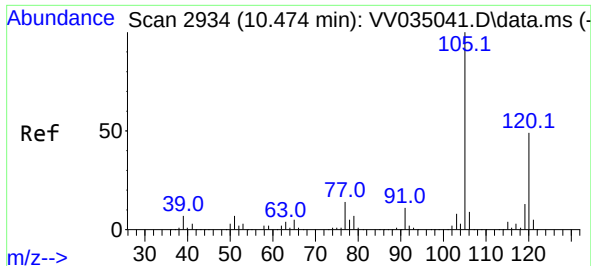


#61
1,2,3-Trichloropropane
Concen: 77.480 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion: 75 Resp: 218398

Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.0	39.0
110	37.6	30.5	45.7





#62

1,3,5-Trimethylbenzene

Concen: 47.957 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035101.D

Acq: 10 Apr 2024 12:04

Instrument :

MSVOA_V

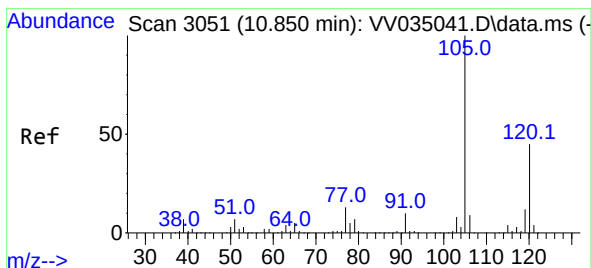
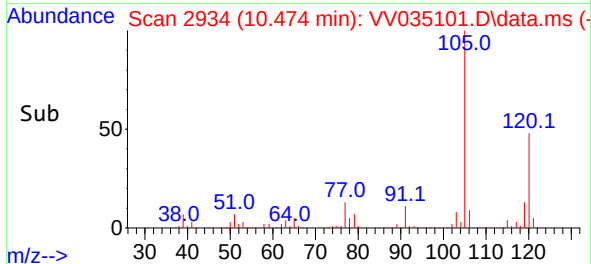
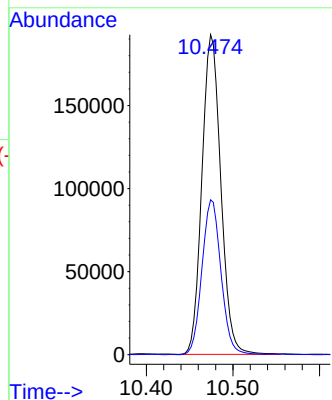
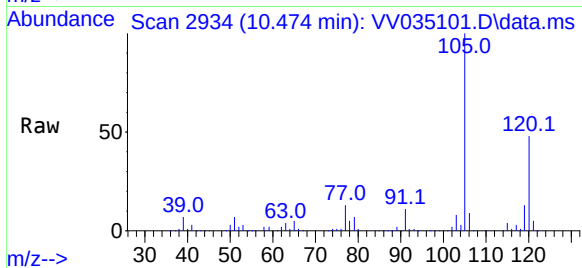
ClientSampleId :

Tgt Ion:105 Resp: 292073

Ion Ratio Lower Upper

105 100

120 48.7 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 49.025 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035101.D

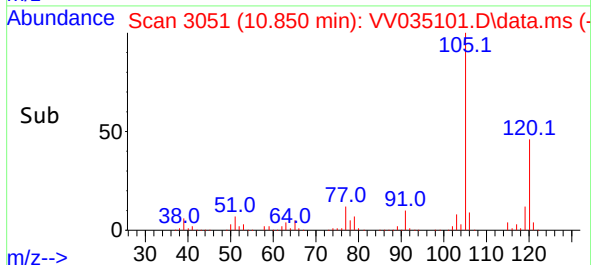
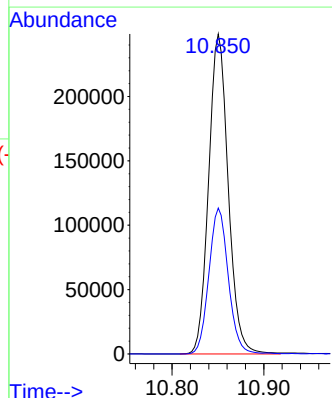
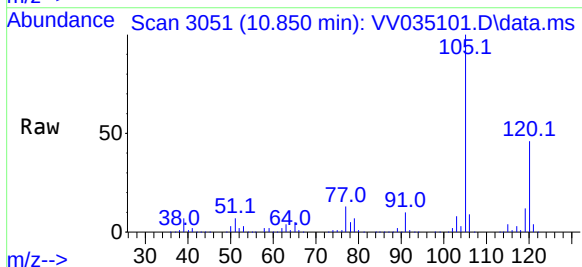
Acq: 10 Apr 2024 12:04

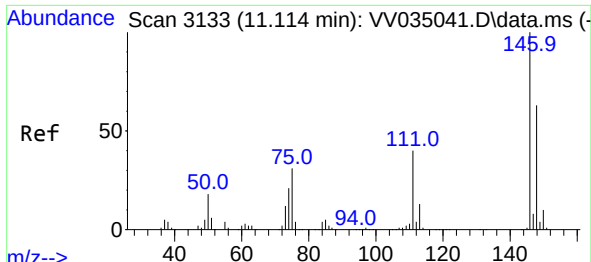
Tgt Ion:105 Resp: 369158

Ion Ratio Lower Upper

105 100

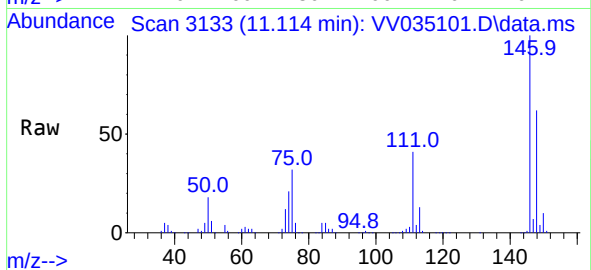
120 45.1 35.9 53.9



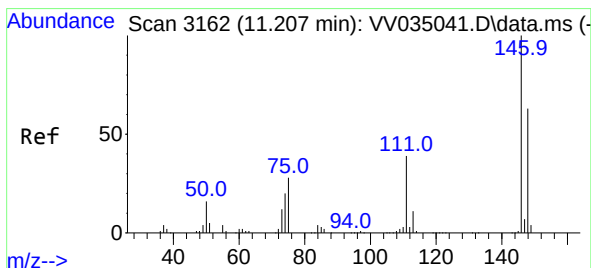
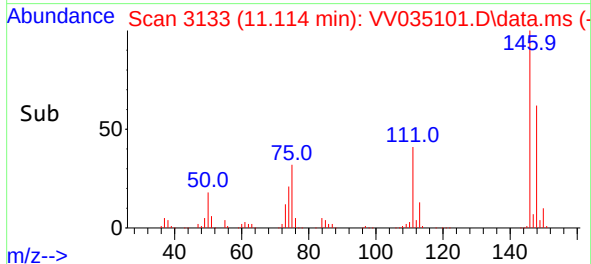
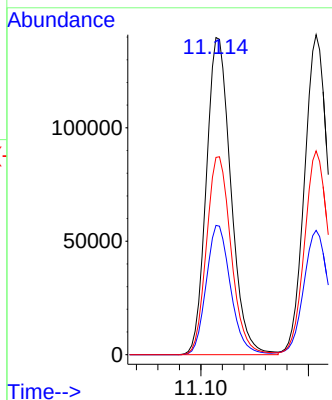


#64
1,3-Dichlorobenzene
Concen: 50.551 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

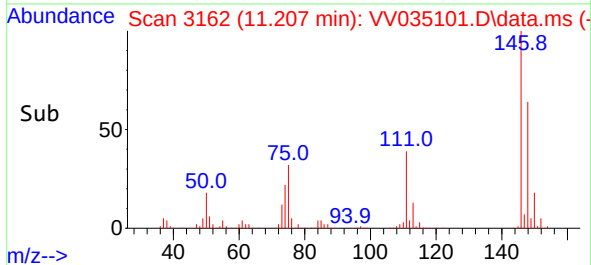
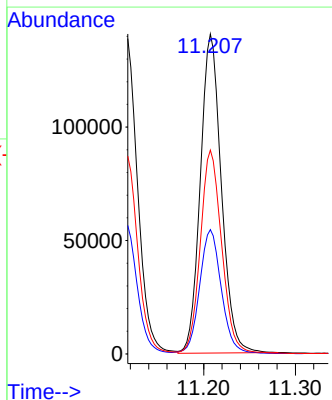
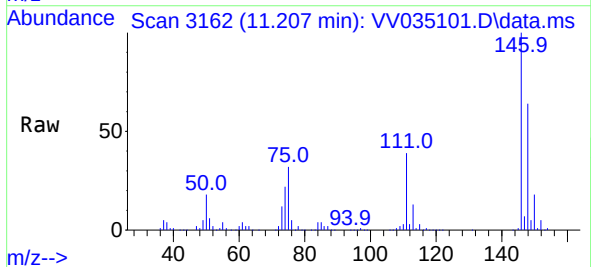


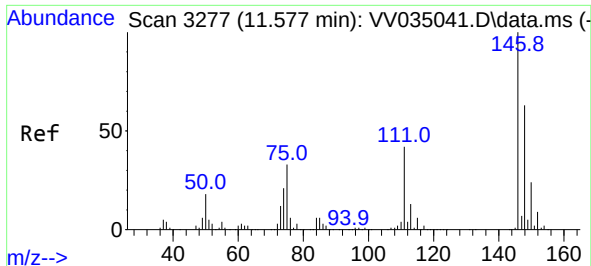
Tgt Ion:146 Resp: 221533
Ion Ratio Lower Upper
146 100
111 40.8 28.7 53.3
148 62.2 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 50.255 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

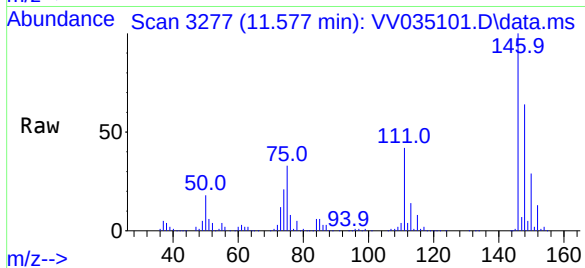
Tgt Ion:146 Resp: 223965
Ion Ratio Lower Upper
146 100
111 38.8 27.4 50.8
148 63.7 44.2 82.2



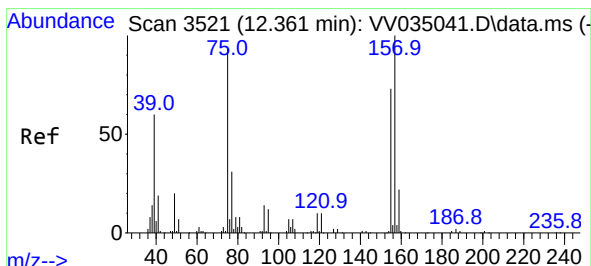
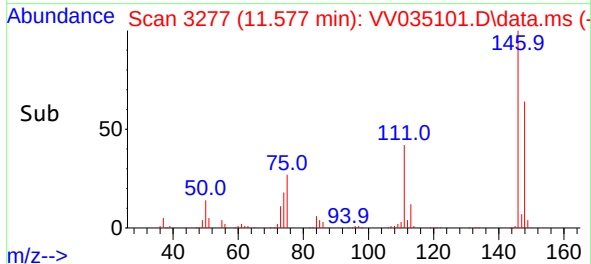
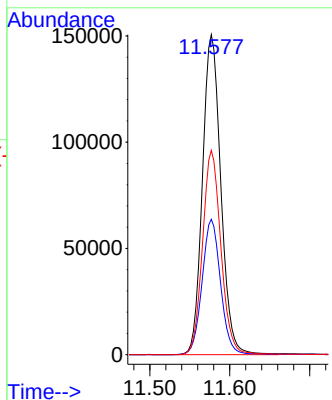


#67
1,2-Dichlorobenzene
Concen: 55.370 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

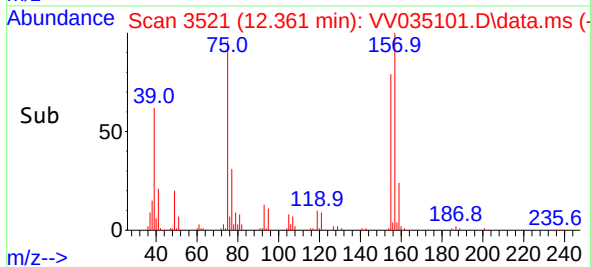
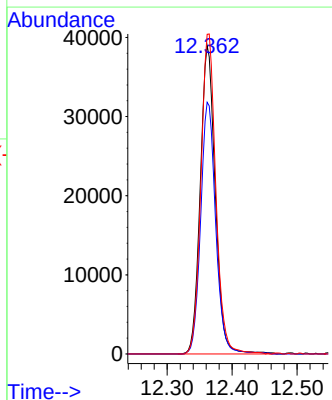
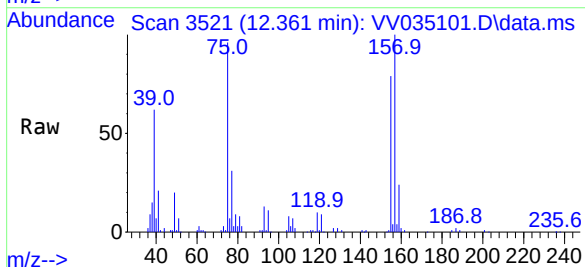


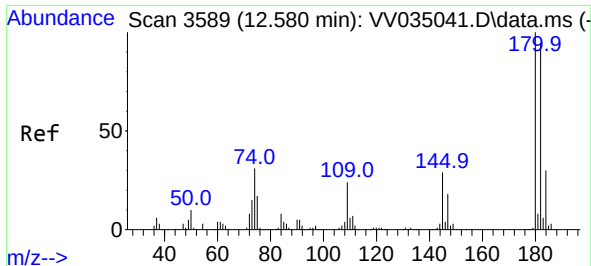
Tgt Ion:146 Resp: 241723
Ion Ratio Lower Upper
146 100
111 42.3 34.6 52.0
148 63.8 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 80.897 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

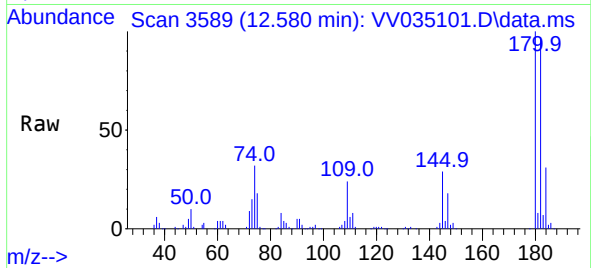
Tgt Ion: 75 Resp: 62822
Ion Ratio Lower Upper
75 100
155 81.6 63.0 94.6
157 103.7 81.0 121.4



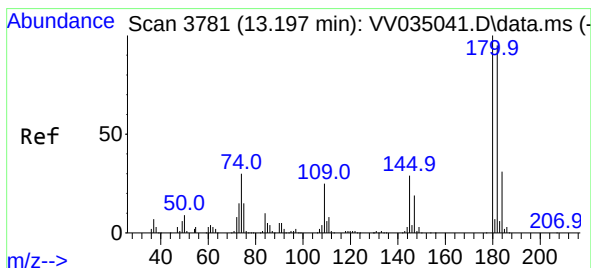
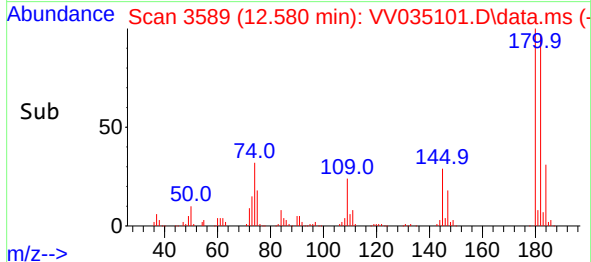
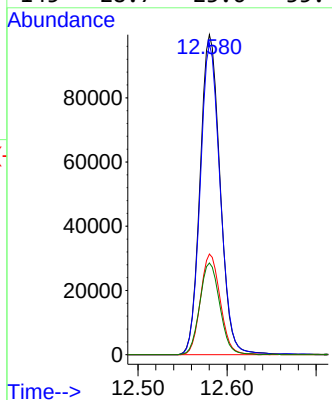


#69
1,3,5-Trichlorobenzene
Concen: 49.169 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

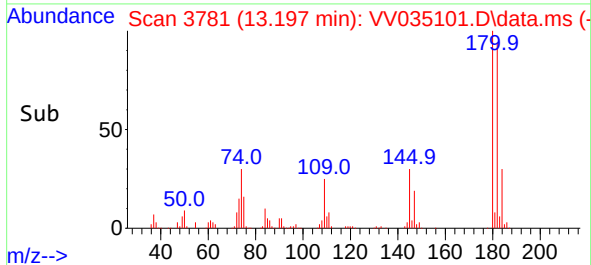
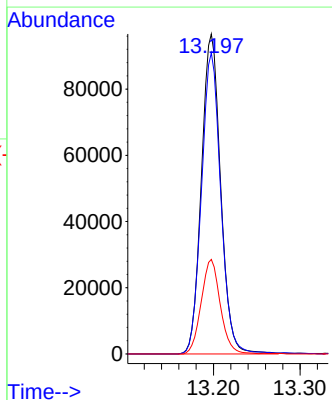
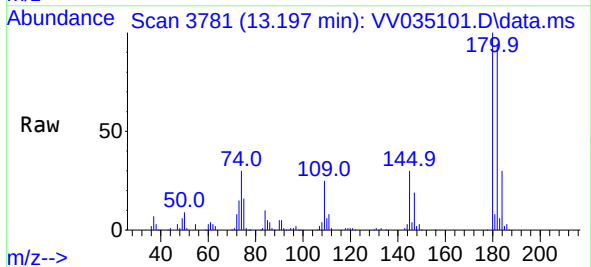


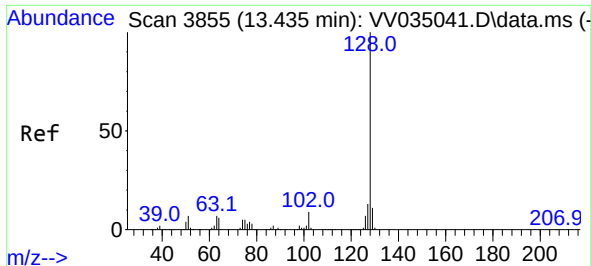
Tgt Ion:180 Resp: 155294
Ion Ratio Lower Upper
180 100
182 96.7 74.7 112.1
184 30.9 24.0 36.0
145 28.7 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 51.287 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.003 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

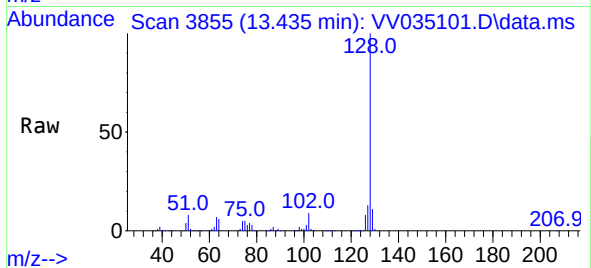
Tgt Ion:180 Resp: 148795
Ion Ratio Lower Upper
180 100
182 94.1 75.6 113.4
145 29.3 24.1 36.1



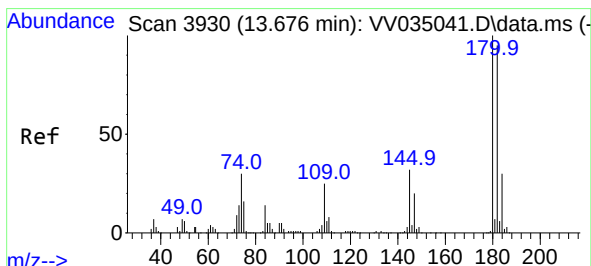
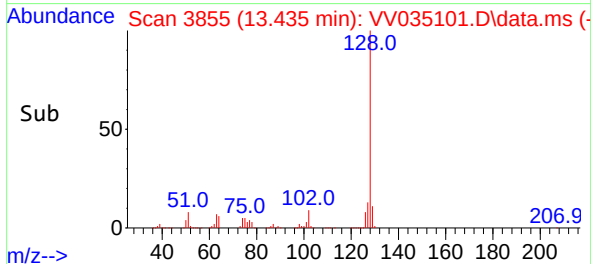
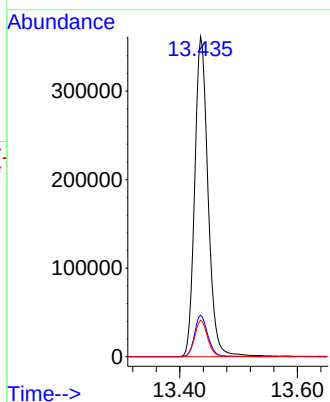


#71
Naphthalene
Concen: 70.666 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 568802
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 59.487 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035101.D
Acq: 10 Apr 2024 12:04

Tgt Ion:180 Resp: 170120
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.2
145 30.6 25.8 38.6

