

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121423\
 Data File : VW033324.D
 Acq On : 14 Dec 2023 10:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 15 01:03:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	252023	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	247059	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	156713	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80739	53.590	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 107.180%	
7) Chloroethane-d5	1.532	69	58264	55.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 111.000%	
11) 1,1-Dichloroethene-d2	2.060	65	30837	53.803	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.600%	
21) 2-Butanone-d5	3.783	46	67272	89.900	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 89.900%	
24) Chloroform-d	4.246	84	184343	57.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.320%	
26) 1,2-Dichloroethane-d4	4.937	65	117975	59.348	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 118.700%	
32) Benzene-d6	4.957	84	338284	58.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 117.100%	
36) 1,2-Dichloropropane-d6	5.986	67	84116	54.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 108.280%	
41) Toluene-d8	7.243	98	332218	60.271	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 120.540%#	
43) trans-1,3-Dichloroprop...	7.551	79	48622	49.492	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 98.980%	
47) 2-Hexanone-d5	8.024	63	59206	94.860	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 94.860%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	130213	58.960	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 117.920%	
66) 1,2-Dichlorobenzene-d4	11.561	152	156132	55.996	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	135550	49.205	ug/L	100
3) Chloromethane	1.214	50	87558	48.191	ug/L	98
5) Vinyl chloride	1.285	62	88642	50.871	ug/L	100
6) Bromomethane	1.487	94	53737	47.261	ug/L	96
8) Chloroethane	1.548	64	50323	54.245	ug/L	99
9) Trichlorofluoromethane	1.716	101	155400	54.046	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	72238	53.501	ug/L	95
12) 1,1-Dichloroethene	2.069	96	69431	54.951	ug/L	98
13) Acetone	2.108	43	45638	63.886	ug/L	98
14) Carbon disulfide	2.240	76	208463	45.986	ug/L	99
16) Methylene chloride	2.445	84	93363	55.803	ug/L	90
17) trans-1,2-Dichloroethene	2.693	96	86823	52.336	ug/L	95
18) Methyl tert-butyl Ether	2.699	73	287159	56.981	ug/L	98
19) 1,1-Dichloroethane	3.111	63	145104	52.847	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	101498	57.661	ug/L	92
22) 2-Butanone	3.863	43	65801	72.380	ug/L	96
23) Bromochloromethane	4.146	128	58791	58.166	ug/L	88
25) Chloroform	4.275	83	180414	57.133	ug/L	96
27) 1,2-Dichloroethane	5.037	62	140468	56.292	ug/L	100

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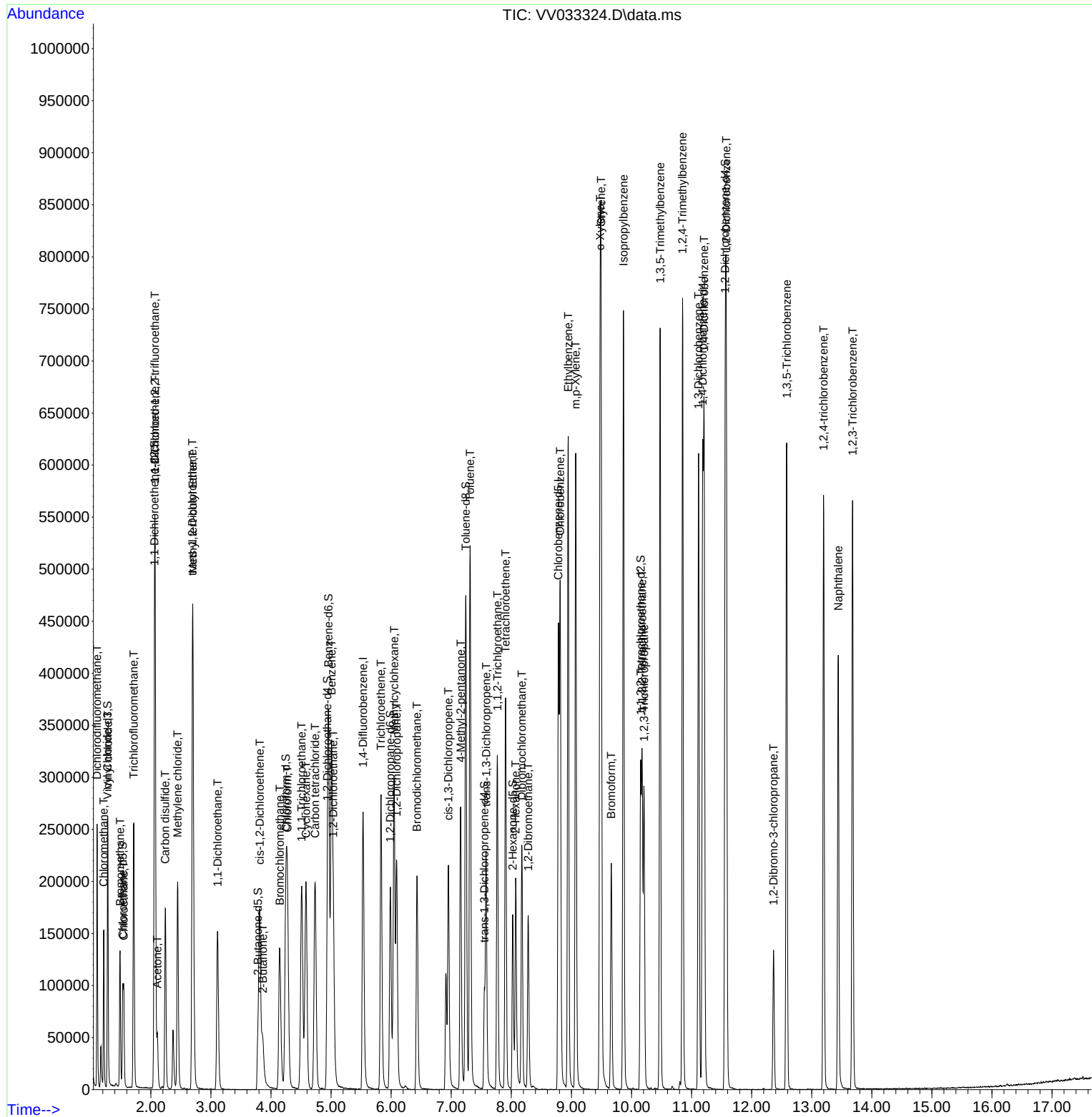
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.584	56	103872	45.519	ug/L	93
30) 1,1,1-Trichloroethane	4.510	97	171319	56.109	ug/L	97
31) Carbon tetrachloride	4.735	117	161069	56.734	ug/L	100
33) Benzene	5.008	78	347274	55.469	ug/L	100
34) Trichloroethene	5.831	95	94877	50.726	ug/L	97
35) Methylcyclohexane	6.050	83	133674	49.243	ug/L	97
37) 1,2-Dichloropropane	6.092	63	77125	53.229	ug/L	98
38) Bromodichloromethane	6.429	83	136399	58.393	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	124837	47.482	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	154304	100.301	ug/L	95
42) Toluene	7.313	91	396806	56.245	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	131352	49.407	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	99593	59.282	ug/L	99
46) Tetrachloroethene	7.905	164	88313	54.926	ug/L	97
48) 2-Hexanone	8.072	43	111447	87.376	ug/L	97
49) Dibromochloromethane	8.175	129	121339	60.503	ug/L	100
50) 1,2-Dibromoethane	8.281	107	105936	59.146	ug/L	99
51) Chlorobenzene	8.812	112	274233	55.276	ug/L	98
52) Ethylbenzene	8.947	91	444817	54.777	ug/L	99
53) m,p-Xylene	9.072	106	175158	54.467	ug/L	93
54) o-Xylene	9.477	106	177926	56.069	ug/L	98
55) Styrene	9.493	104	322974	58.834	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	135434	59.005	ug/L	99
59) Bromoform	9.664	173	99570	58.541	ug/L	99
60) Isopropylbenzene	9.866	105	480620	53.189	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	107577	55.052	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	390121	53.587	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	412102	54.354	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	256740	53.184	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	265220	52.890	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	264598	55.910	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	30411	50.719	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	200874	51.948	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	183854	51.464	ug/L	99
71) Naphthalene	13.442	128	355967	40.858	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	179238	51.995	ug/L	98

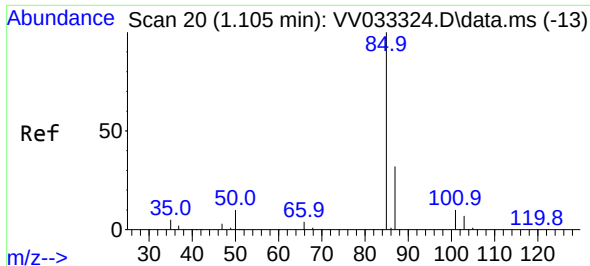
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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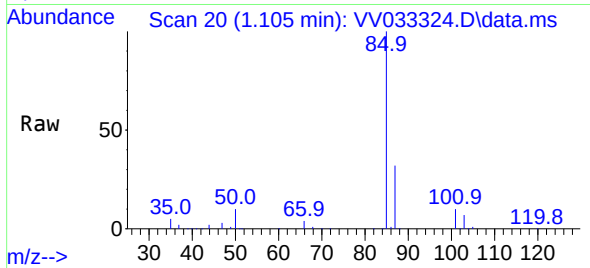
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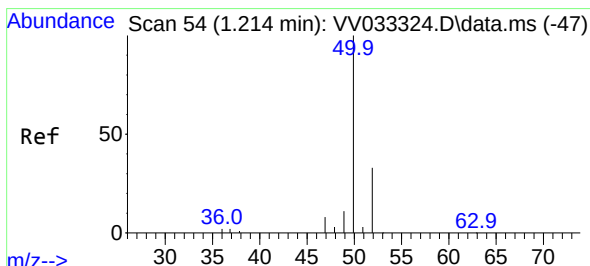
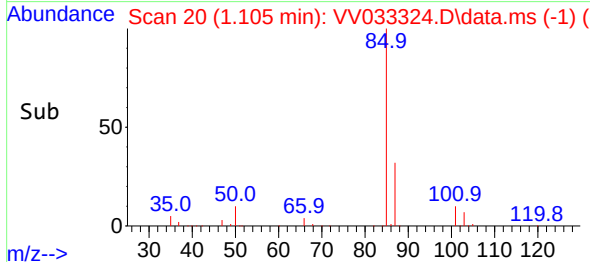
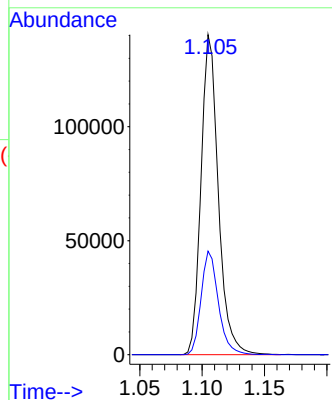


#2
 Dichlorodifluoromethane
 Concen: 49.205 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV033324.D
 Acq: 14 Dec 2023 10:47

Instrument :
 MSVOA_V
 ClientSampleId :

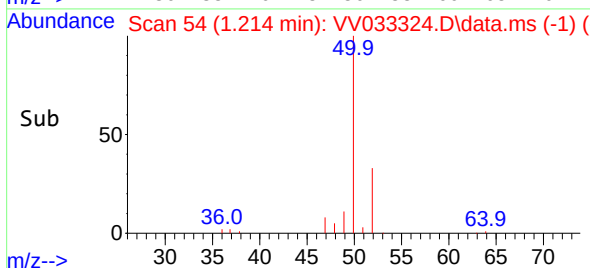
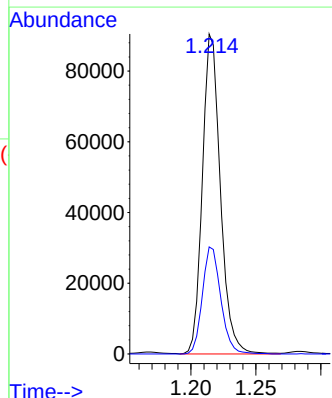
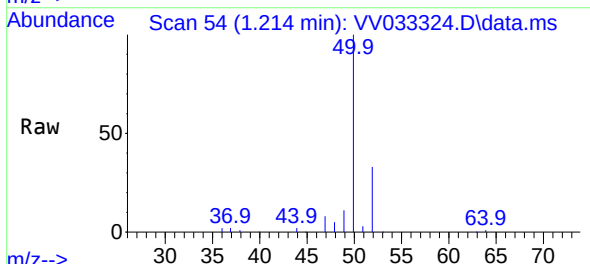


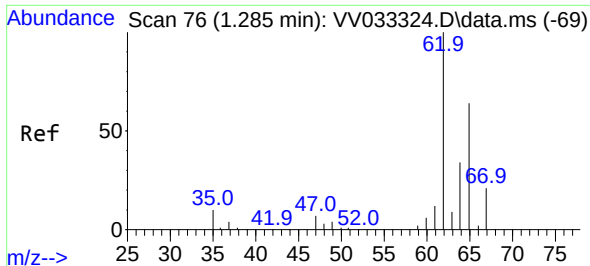
Tgt Ion: 85 Resp: 135550
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 48.191 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV033324.D
 Acq: 14 Dec 2023 10:47

Tgt Ion: 50 Resp: 87558
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.8 42.4

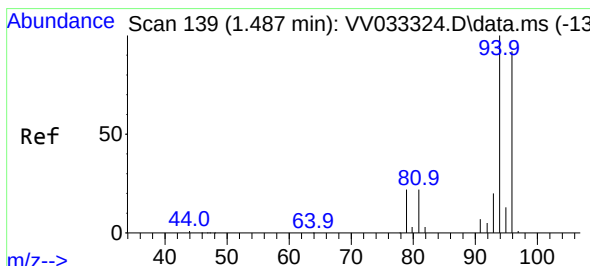
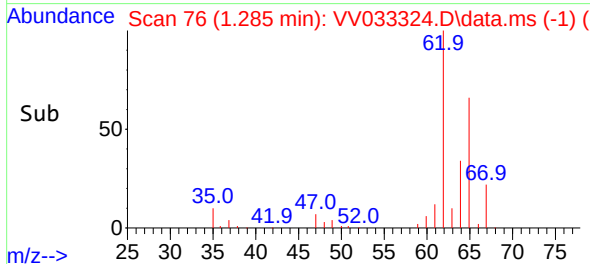
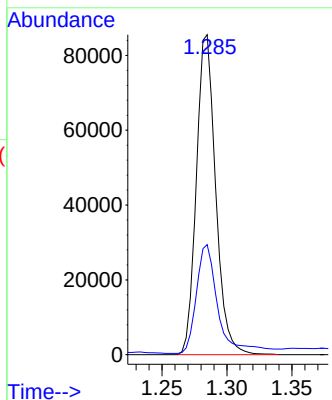
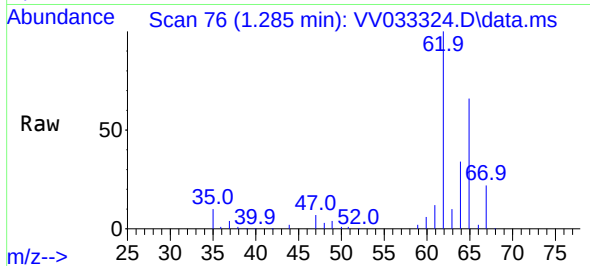




#5
Vinyl chloride
Concen: 50.871 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

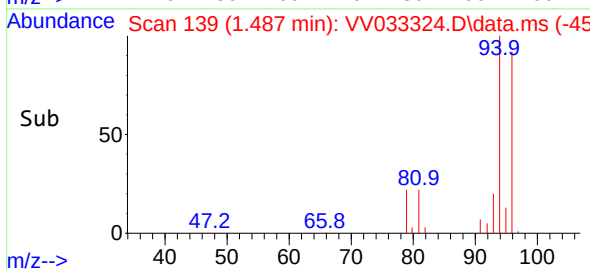
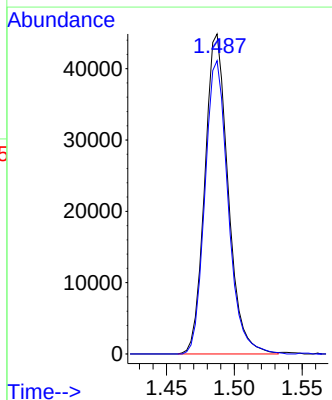
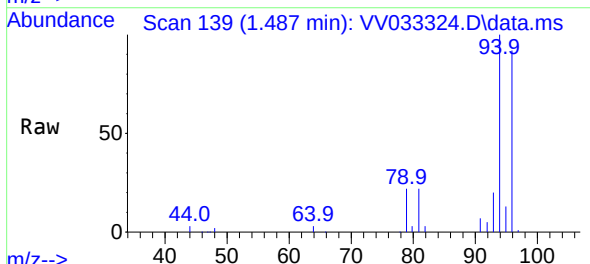
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ClientSampleId :

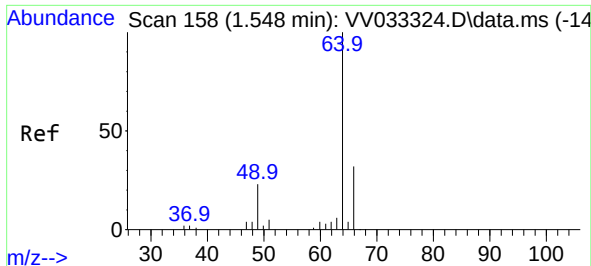
Tgt Ion: 62 Resp: 88642
Ion Ratio Lower Upper
62 100
64 34.4 24.2 45.0



#6
Bromomethane
Concen: 47.261 ug/L
RT: 1.487 min Scan# 139
Delta R.T. 0.003 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion: 94 Resp: 53737
Ion Ratio Lower Upper
94 100
96 91.6 67.1 124.7

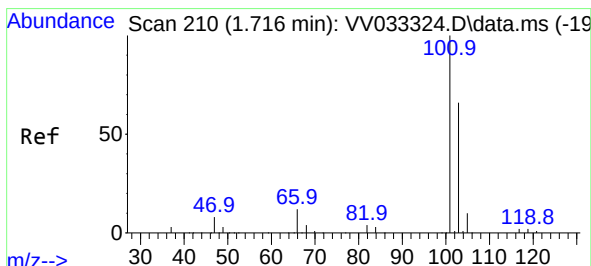
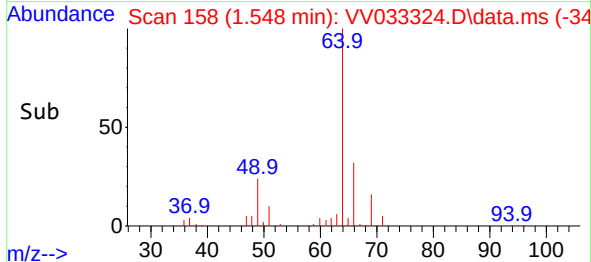
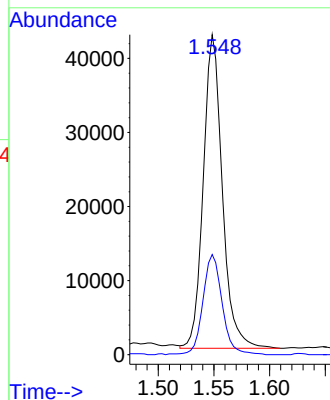
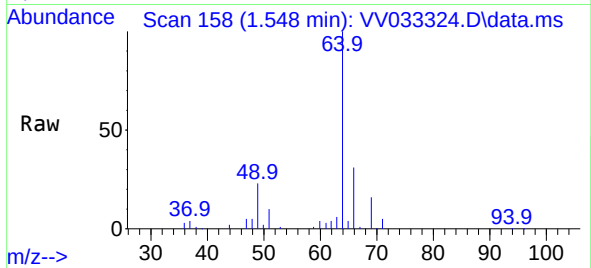




#8
Chloroethane
Concen: 54.245 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

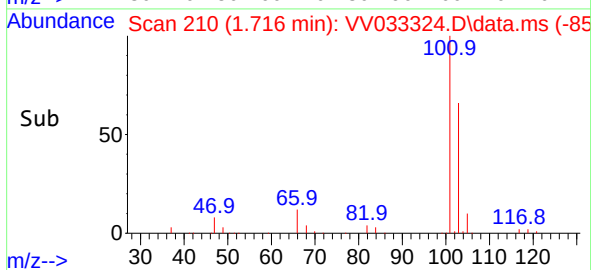
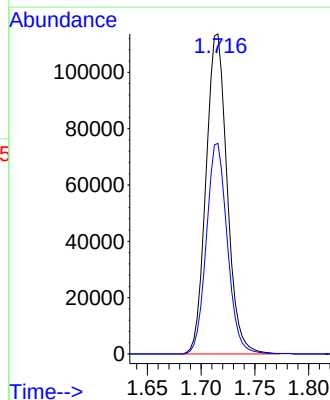
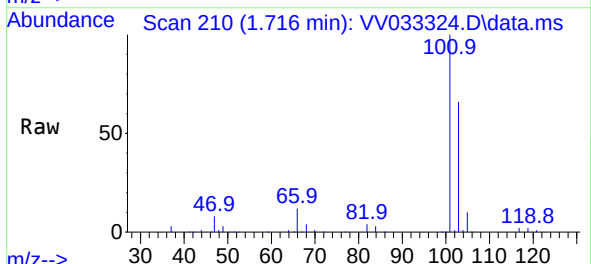
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MSVOA_V
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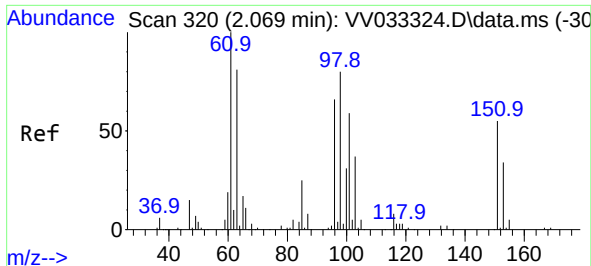
Tgt Ion: 64 Resp: 50323
Ion Ratio Lower Upper
64 100
66 31.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 54.046 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion:101 Resp: 155400
Ion Ratio Lower Upper
101 100
103 65.3 51.3 76.9

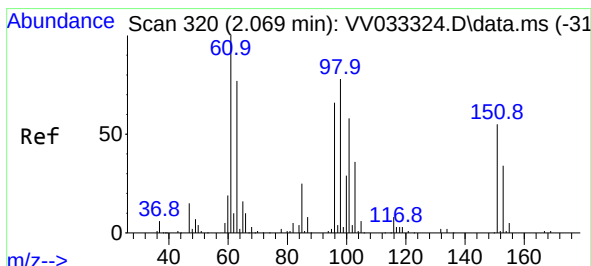
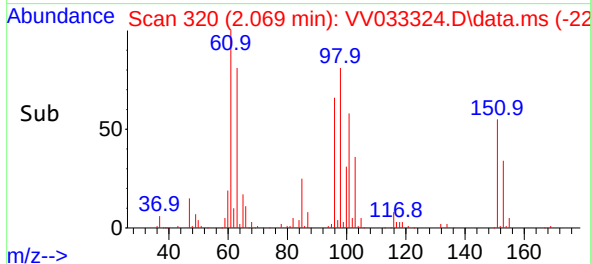
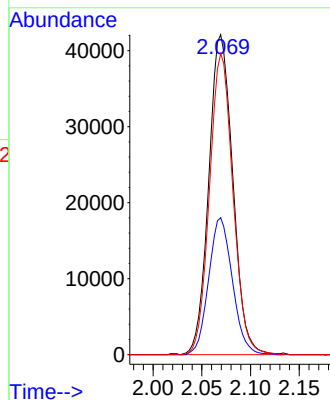
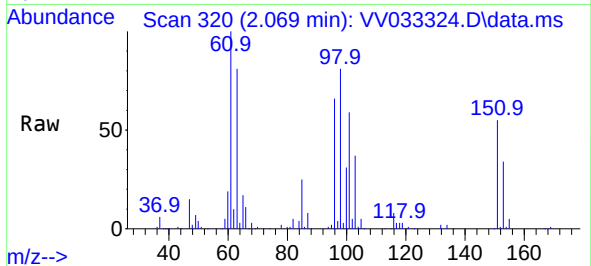




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.501 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033324.D
 Acq: 14 Dec 2023 10:47

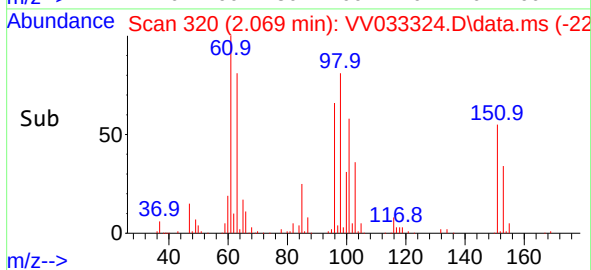
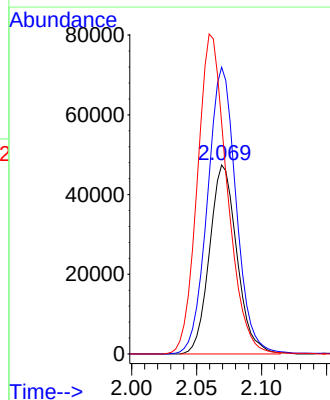
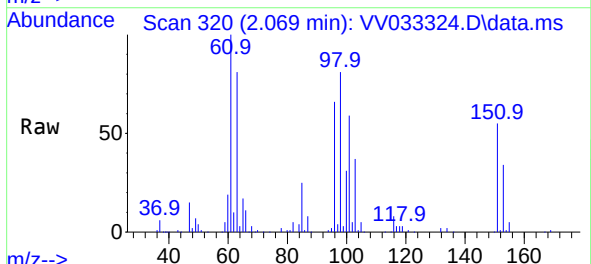
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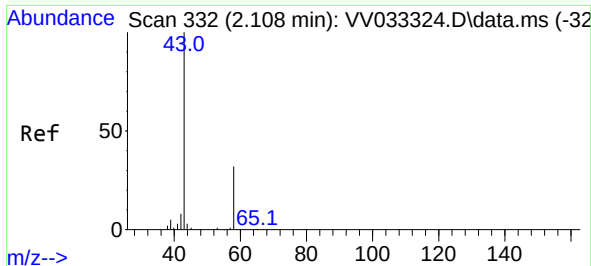
Tgt Ion:101 Resp: 72238
 Ion Ratio Lower Upper
 101 100
 85 42.3 36.0 54.0
 151 91.9 69.1 103.7



#12
 1,1-Dichloroethene
 Concen: 54.951 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV033324.D
 Acq: 14 Dec 2023 10:47

Tgt Ion: 96 Resp: 69431
 Ion Ratio Lower Upper
 96 100
 61 151.7 109.1 202.7
 63 122.5 85.3 158.3





#13

Acetone

Concen: 63.886 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033324.D

Acq: 14 Dec 2023 10:47

Instrument :

MSVOA_V

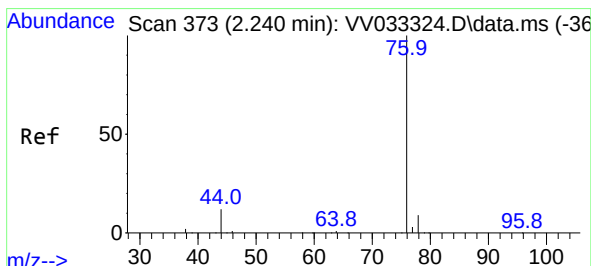
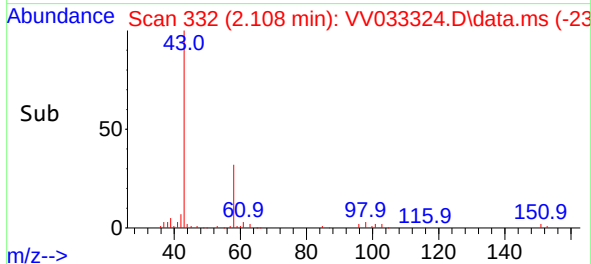
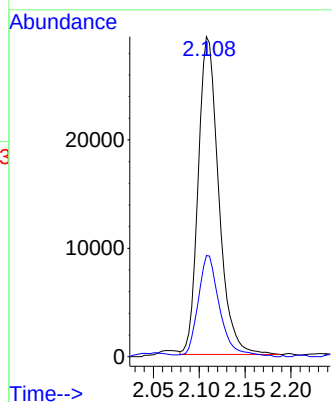
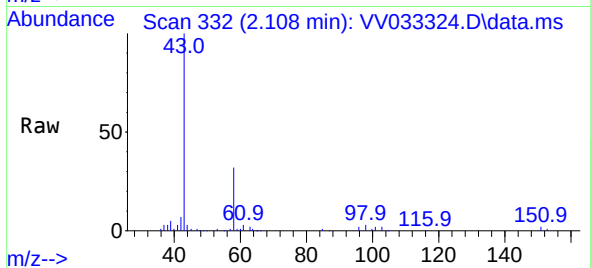
ClientSampleId :

Tgt Ion: 43 Resp: 45638

Ion Ratio Lower Upper

43 100

58 32.7 0.0 62.8



#14

Carbon disulfide

Concen: 45.986 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033324.D

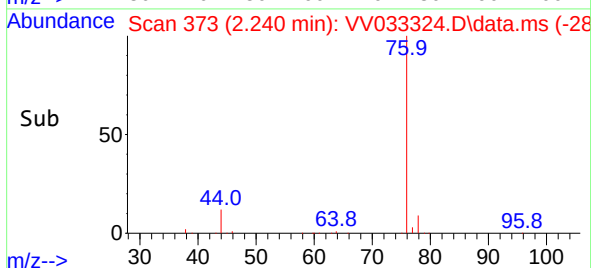
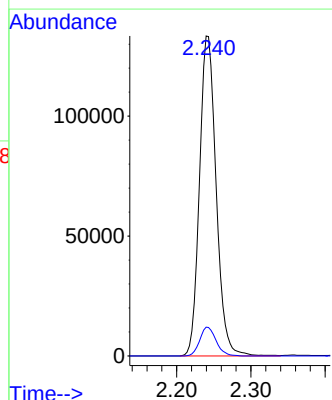
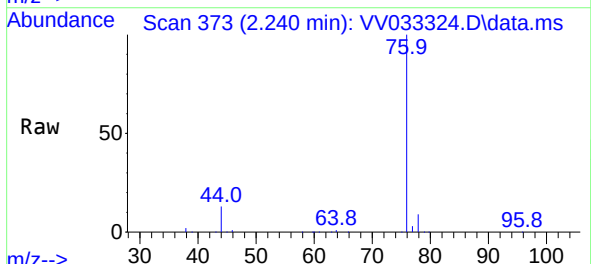
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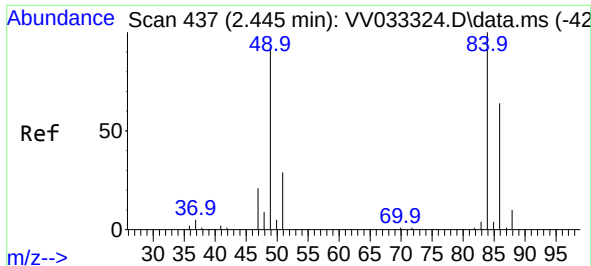
Tgt Ion: 76 Resp: 208463

Ion Ratio Lower Upper

76 100

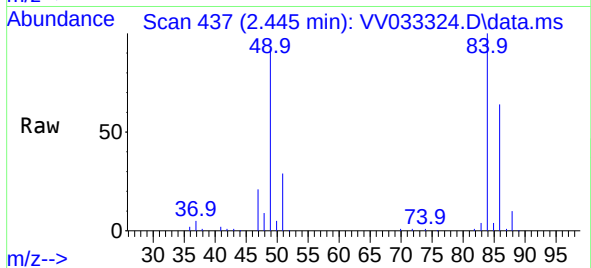
78 9.0 7.4 11.0



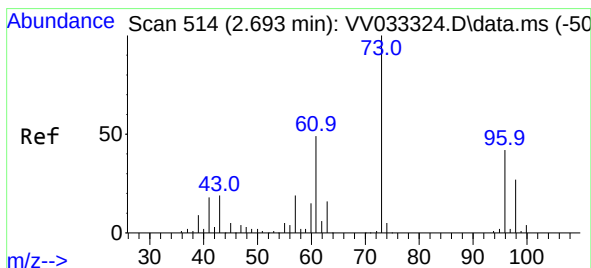
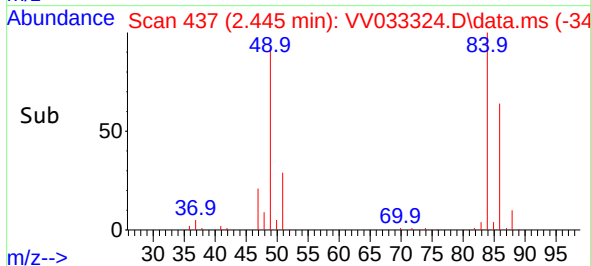
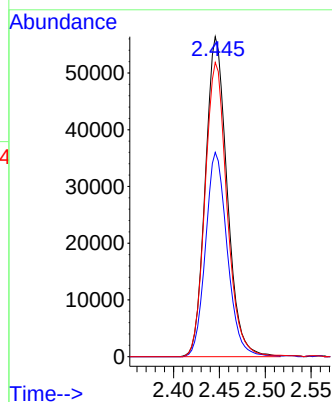


#16
Methylene chloride
Concen: 55.803 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Instrument :
MSVOA_V
ClientSampleId :

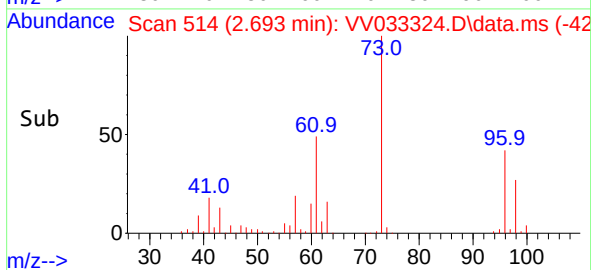
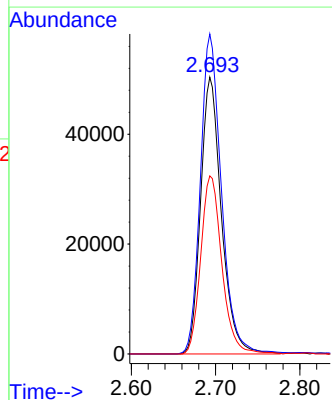
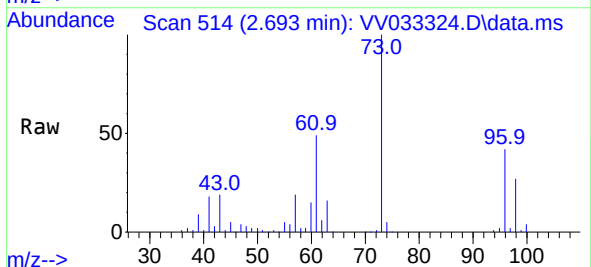


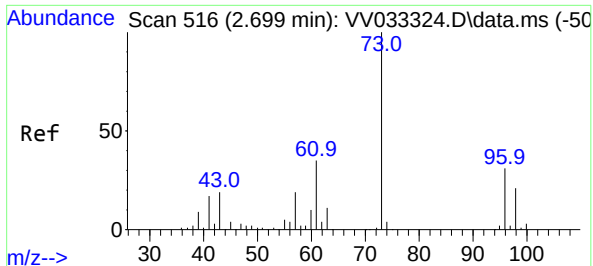
Tgt Ion: 84 Resp: 93363
Ion Ratio Lower Upper
84 100
86 63.9 45.9 85.3
49 91.9 75.5 140.1



#17
trans-1,2-Dichloroethene
Concen: 52.336 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion: 96 Resp: 86823
Ion Ratio Lower Upper
96 100
61 115.6 86.5 160.6
98 64.4 45.1 83.7





#18

Methyl tert-butyl Ether

Concen: 56.981 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

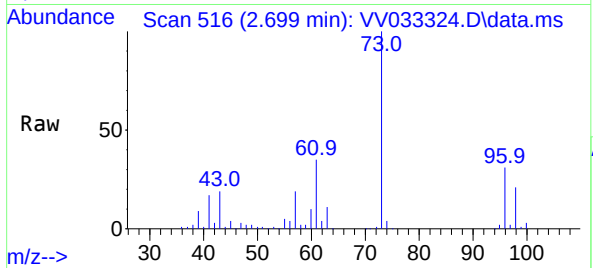
Lab File: VV033324.D

Acq: 14 Dec 2023 10:47

Instrument :

MSVOA_V

ClientSampleId :



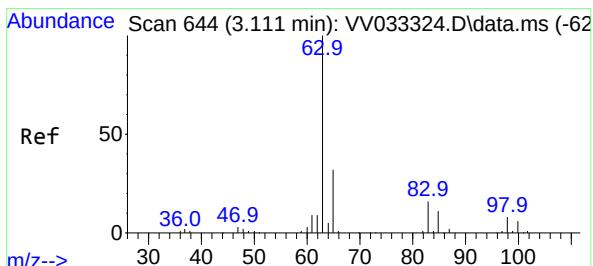
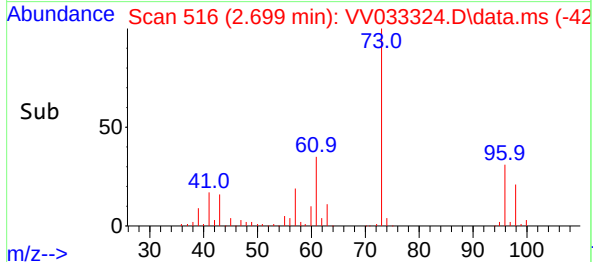
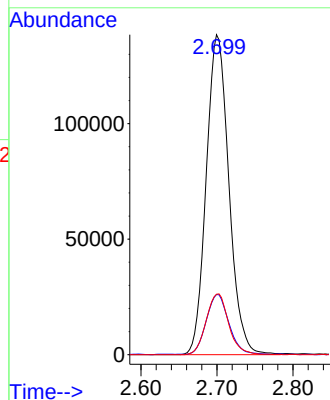
Tgt Ion: 73 Resp: 287159

Ion Ratio Lower Upper

73 100

43 18.7 15.4 23.2

57 18.8 16.1 24.1



#19

1,1-Dichloroethane

Concen: 52.847 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV033324.D

Acq: 14 Dec 2023 10:47

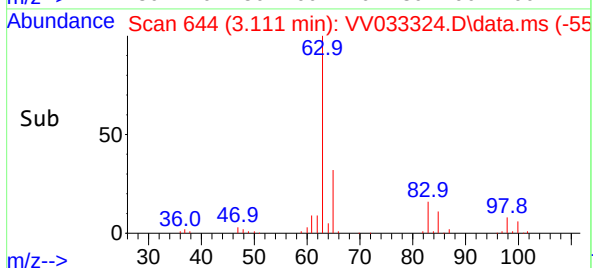
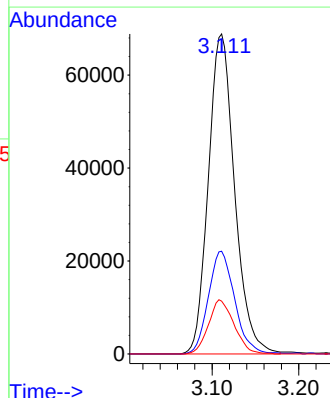
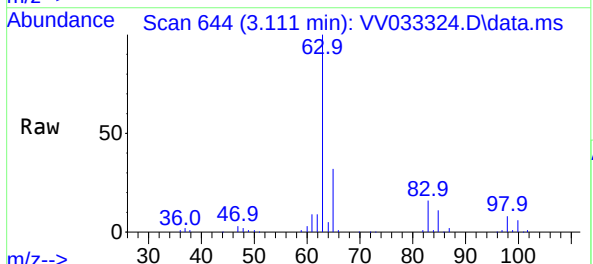
Tgt Ion: 63 Resp: 145104

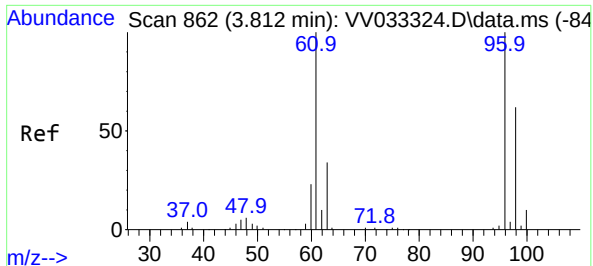
Ion Ratio Lower Upper

63 100

65 32.1 23.0 42.6

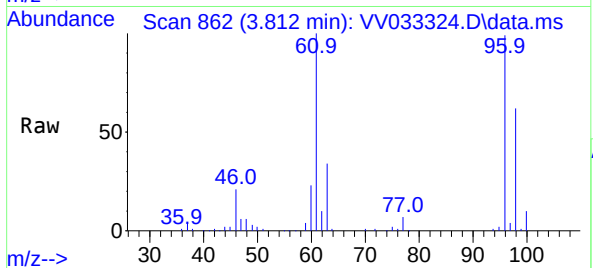
83 16.5 11.4 21.2



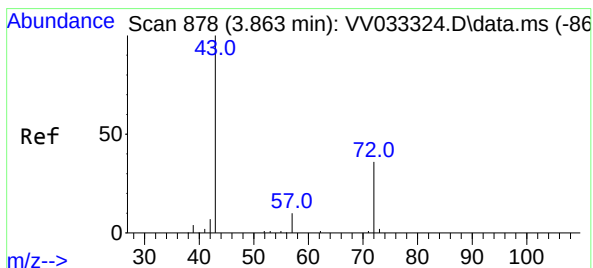
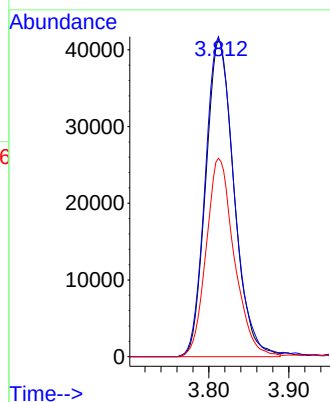
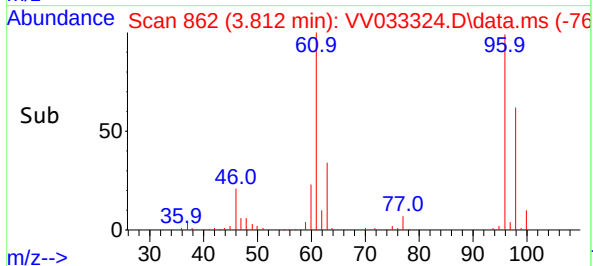


#20
cis-1,2-Dichloroethene
Concen: 57.661 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Instrument :
MSVOA_V
ClientSampleId :

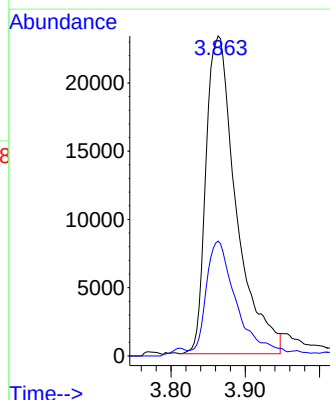
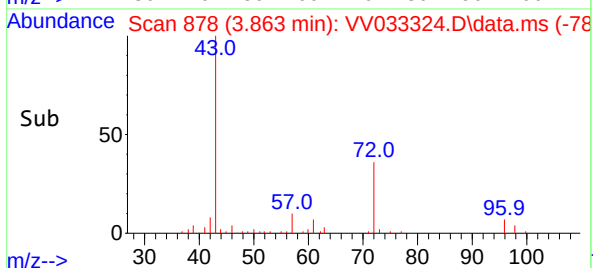
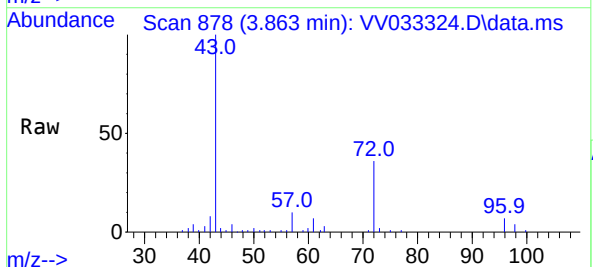


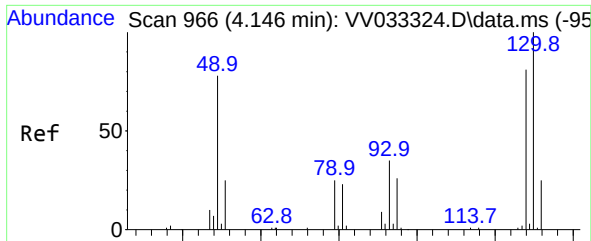
Tgt Ion: 96 Resp: 101498
Ion Ratio Lower Upper
96 100
61 100.6 79.1 146.9
98 62.4 45.1 83.7



#22
2-Butanone
Concen: 72.380 ug/L
RT: 3.863 min Scan# 878
Delta R.T. 0.006 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion: 43 Resp: 65801
Ion Ratio Lower Upper
43 100
72 31.6 14.6 43.8





#23

Bromochloromethane

Concen: 58.166 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

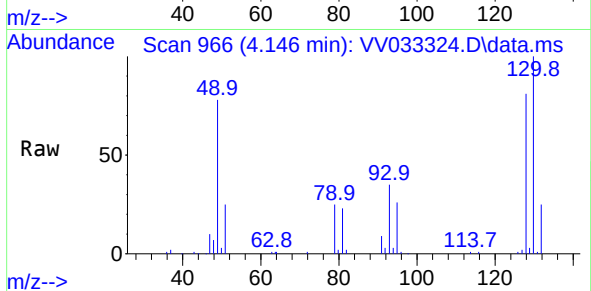
Lab File: VV033324.D

Acq: 14 Dec 2023 10:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 58791

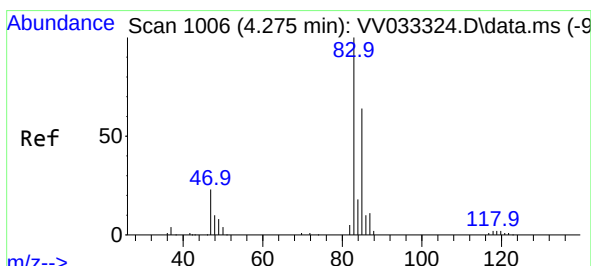
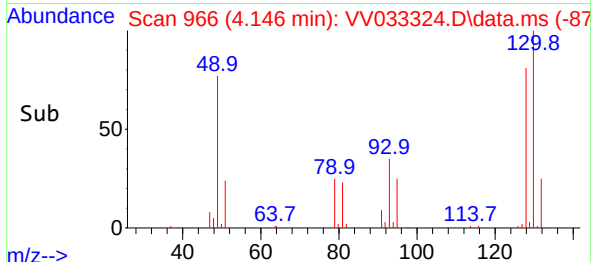
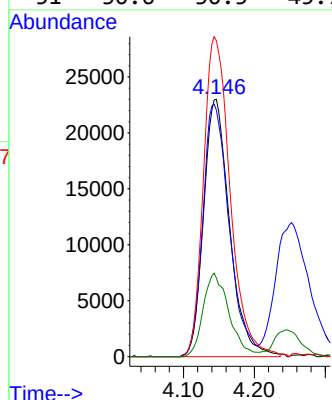
Ion Ratio Lower Upper

128 100

49 95.9 81.7 151.7

130 122.8 90.1 167.3

51 30.6 30.5 45.7



#25

Chloroform

Concen: 57.133 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV033324.D

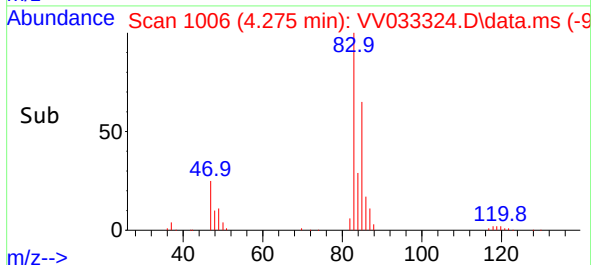
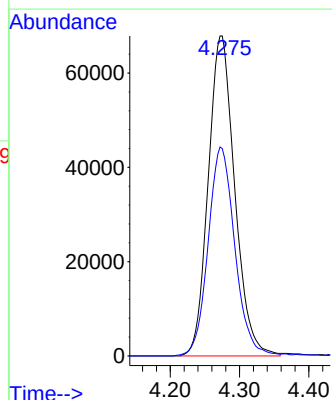
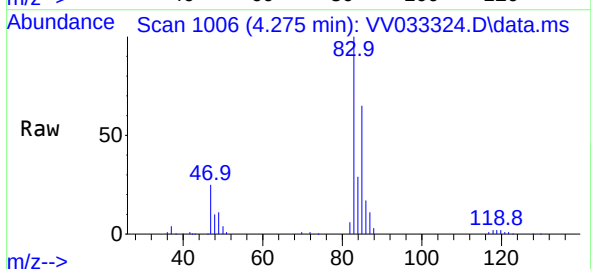
Acq: 14 Dec 2023 10:47

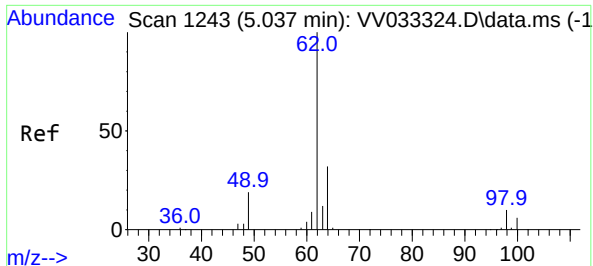
Tgt Ion: 83 Resp: 180414

Ion Ratio Lower Upper

83 100

85 64.8 43.5 80.7

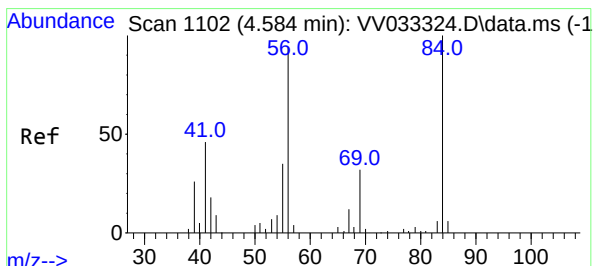
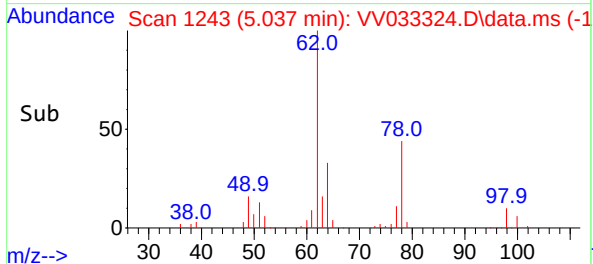
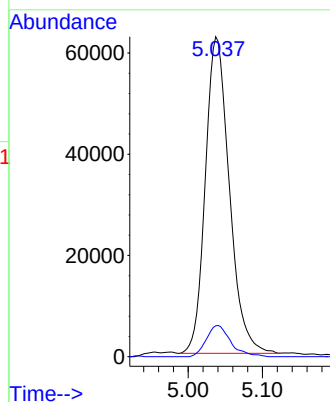
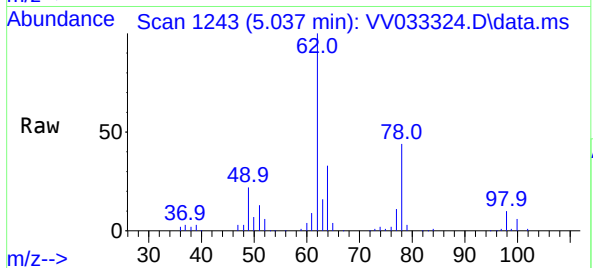




#27
1,2-Dichloroethane
Concen: 56.292 ug/L
RT: 5.037 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

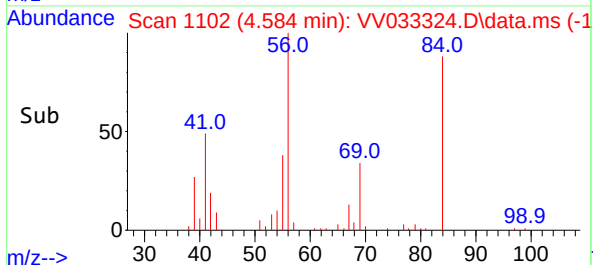
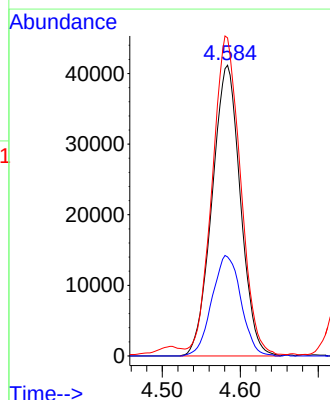
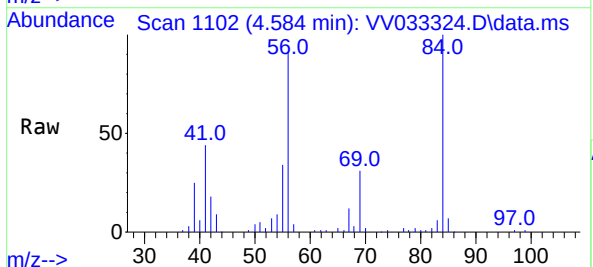
Instrument :
MSVOA_V
ClientSampleId :

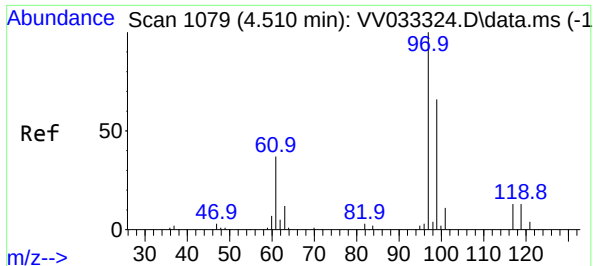
Tgt Ion: 62 Resp: 140468
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.8



#29
Cyclohexane
Concen: 45.519 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion: 56 Resp: 103872
Ion Ratio Lower Upper
56 100
69 35.4 26.9 40.3
84 109.4 80.6 121.0

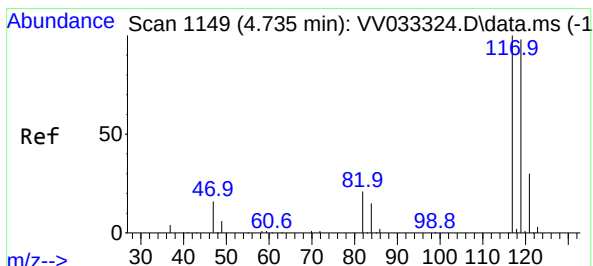
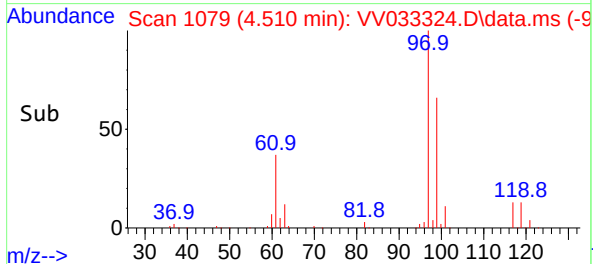
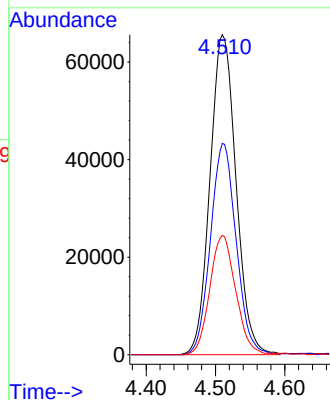
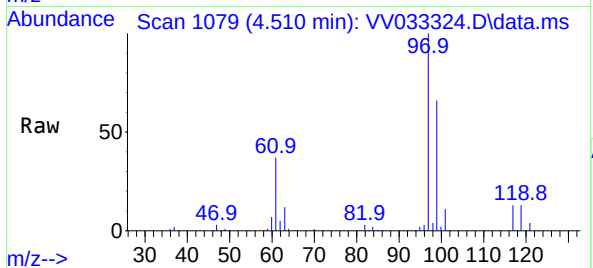




#30
1,1,1-Trichloroethane
Concen: 56.109 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

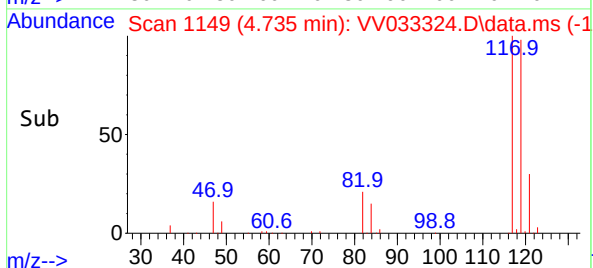
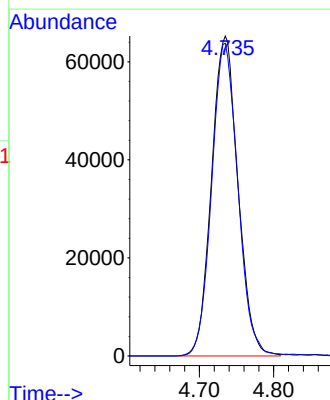
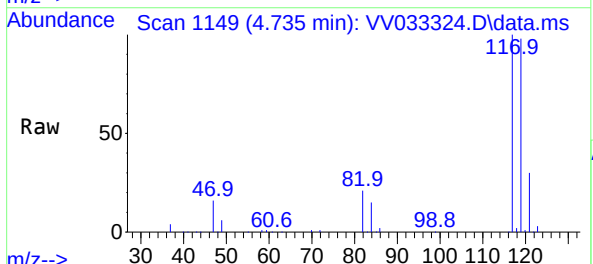
Instrument :
MSVOA_V
ClientSampleId :

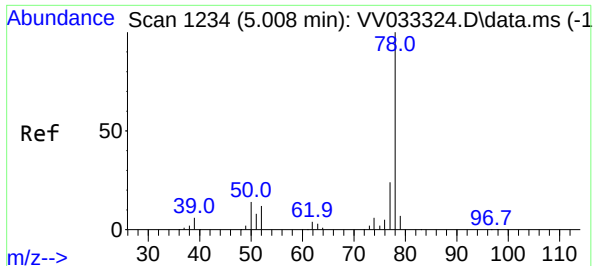
Tgt Ion: 97 Resp: 171319
Ion Ratio Lower Upper
97 100
99 65.1 51.3 76.9
61 37.0 31.8 47.8



#31
Carbon tetrachloride
Concen: 56.734 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion: 117 Resp: 161069
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3

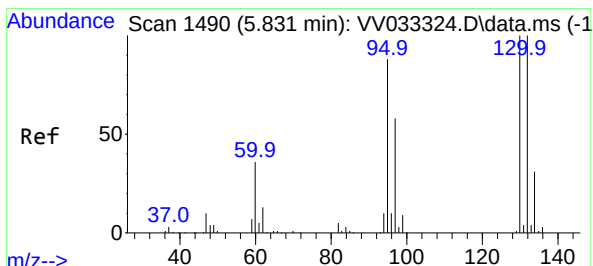
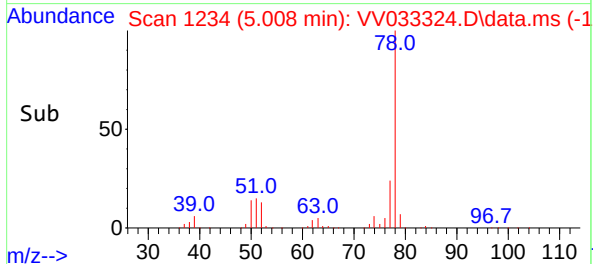
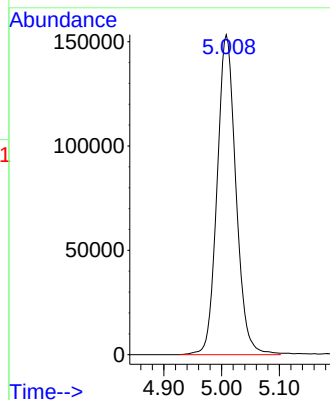
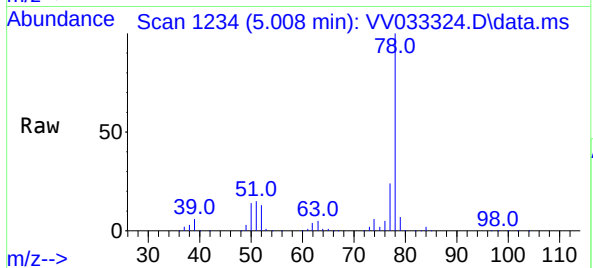




#33
Benzene
Concen: 55.469 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Instrument :
MSVOA_V
ClientSampleId :

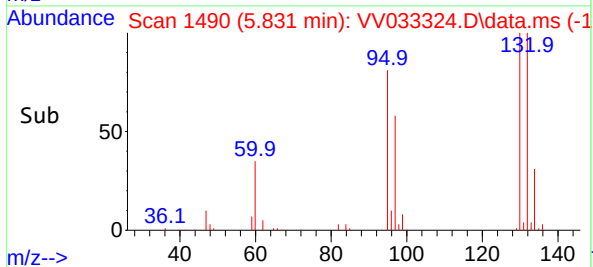
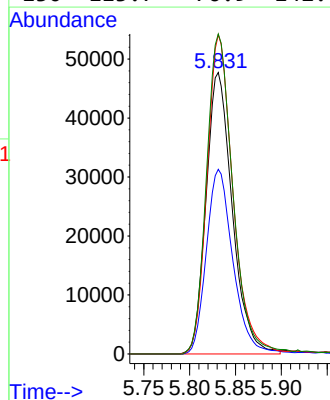
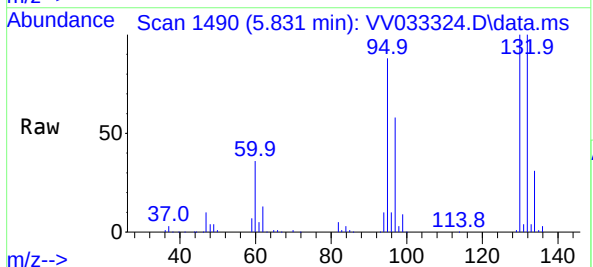
Tgt Ion: 78 Resp: 347274

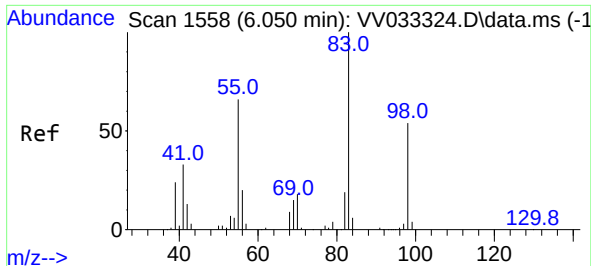


#34
Trichloroethene
Concen: 50.726 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion: 95 Resp: 94877

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.8	85.0
132	113.4	77.4	143.8
130	113.7	76.9	142.7

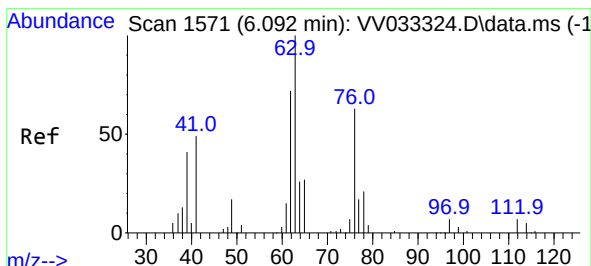
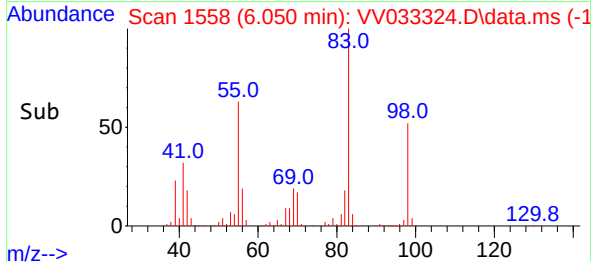
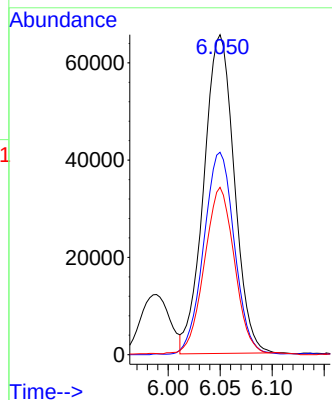
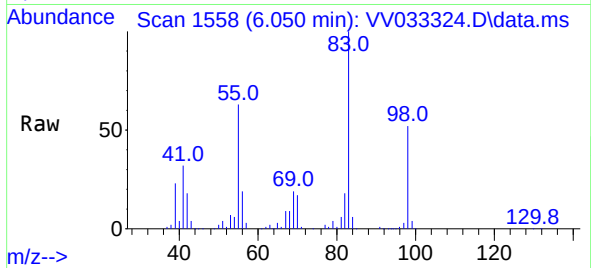




#35
Methylcyclohexane
Concen: 49.243 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

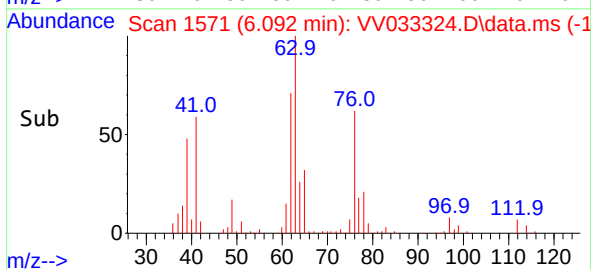
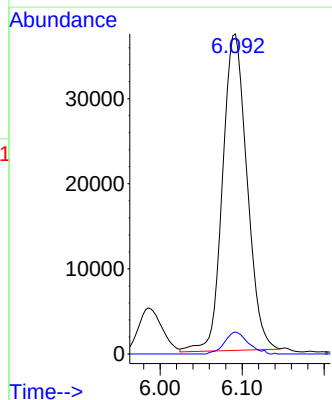
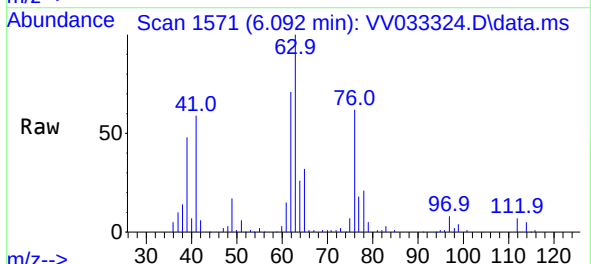
Instrument :
MSVOA_V
ClientSampleId :

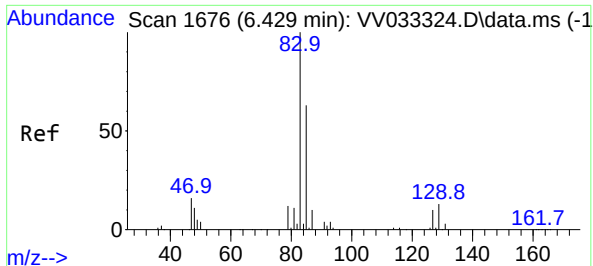
Tgt Ion: 83 Resp: 133674
Ion Ratio Lower Upper
83 100
55 64.1 54.8 82.2
98 51.6 41.4 62.0



#37
1,2-Dichloropropane
Concen: 53.229 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

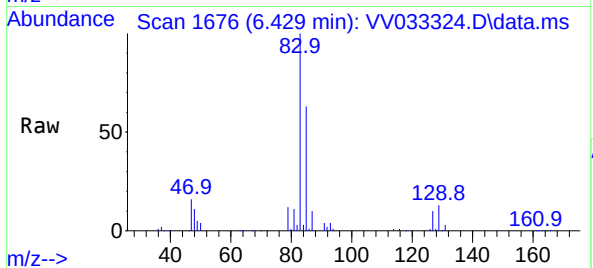
Tgt Ion: 63 Resp: 77125
Ion Ratio Lower Upper
63 100
112 6.5 4.6 6.8



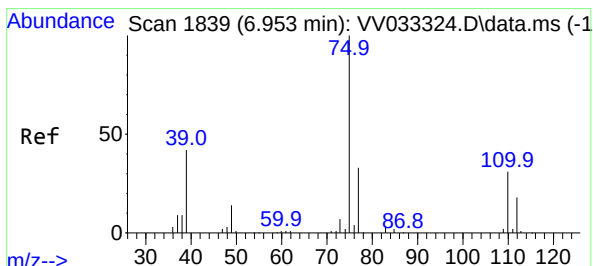
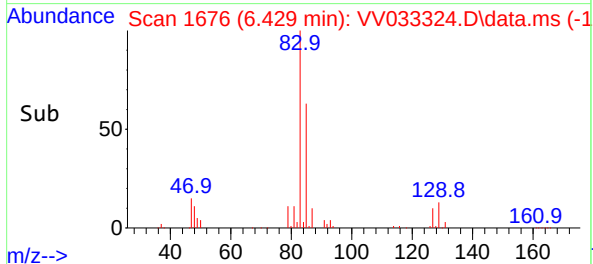
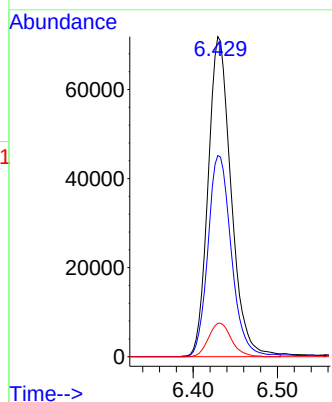


#38
Bromodichloromethane
Concen: 58.393 ug/L
RT: 6.429 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Instrument :
MSVOA_V
ClientSampleId :

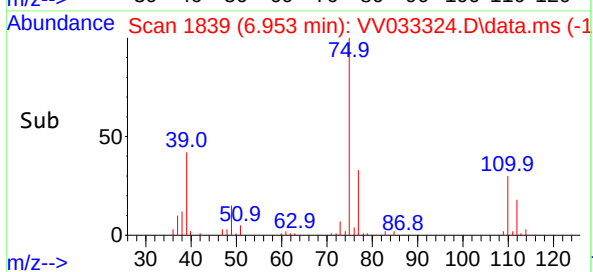
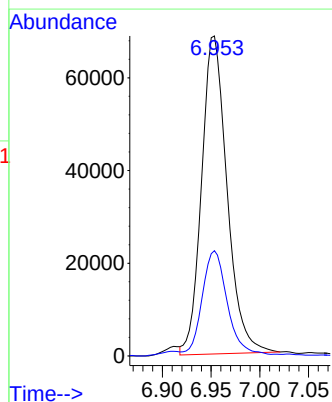
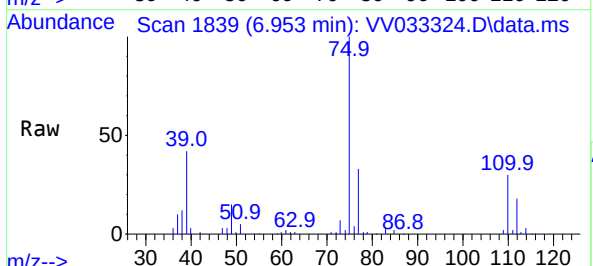


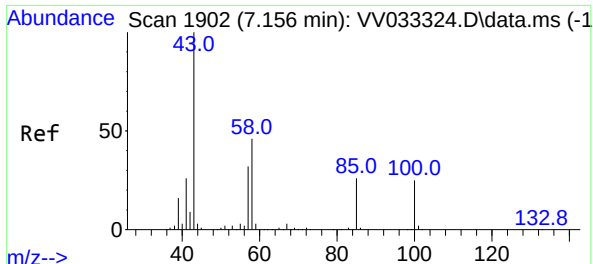
Tgt Ion: 83 Resp: 136399
Ion Ratio Lower Upper
83 100
85 62.9 45.6 84.6
127 10.4 7.4 11.2



#39
cis-1,3-Dichloropropene
Concen: 47.482 ug/L
RT: 6.953 min Scan# 1839
Delta R.T. 0.003 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion: 75 Resp: 124837
Ion Ratio Lower Upper
75 100
77 32.9 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 100.301 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV033324.D

Acq: 14 Dec 2023 10:47

Instrument :

MSVOA_V

ClientSampleId :

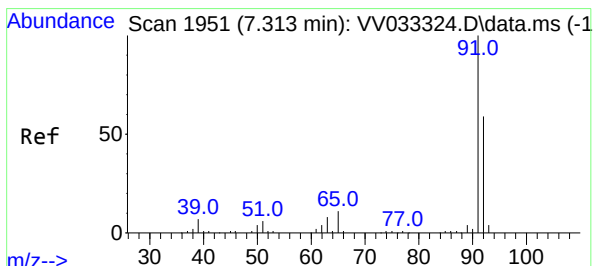
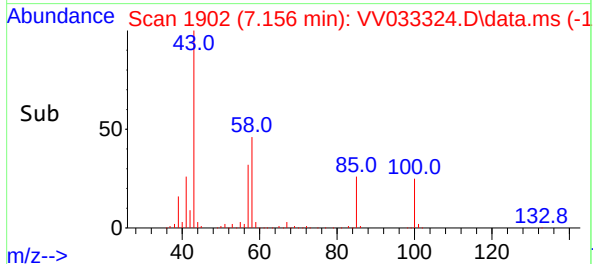
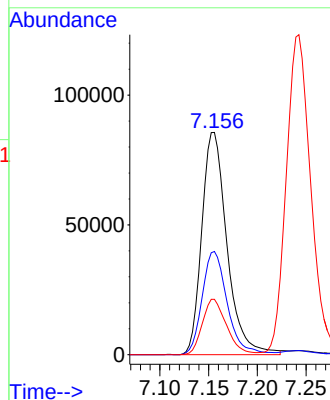
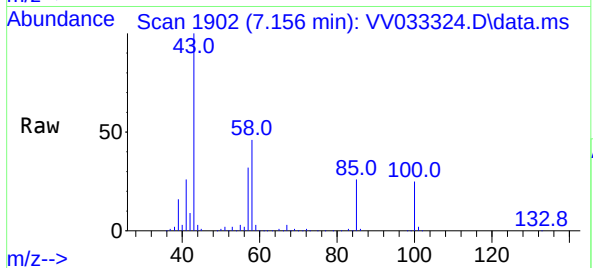
Tgt Ion: 43 Resp: 154304

Ion Ratio Lower Upper

43 100

58 46.4 34.5 51.7

100 24.0 17.0 25.6



#42

Toluene

Concen: 56.245 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV033324.D

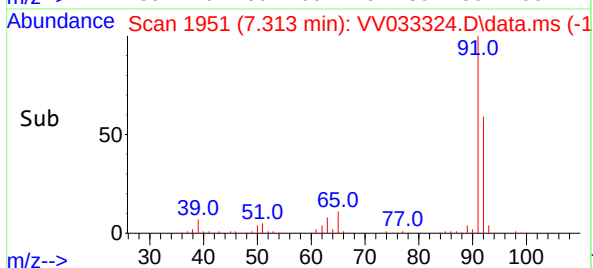
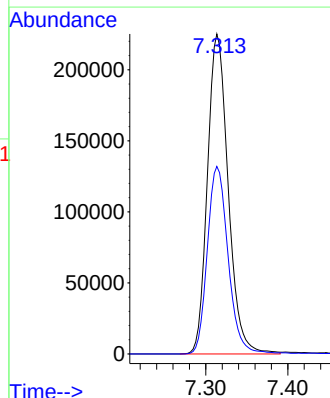
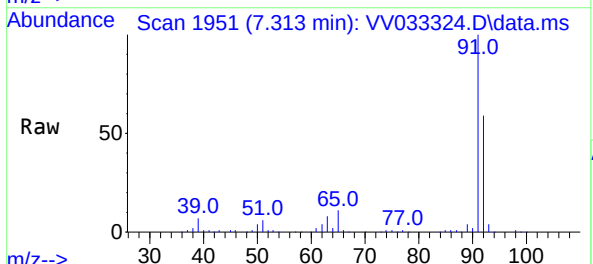
Acq: 14 Dec 2023 10:47

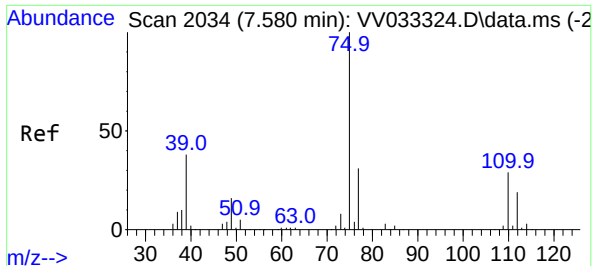
Tgt Ion: 91 Resp: 396806

Ion Ratio Lower Upper

91 100

92 58.6 41.3 76.7

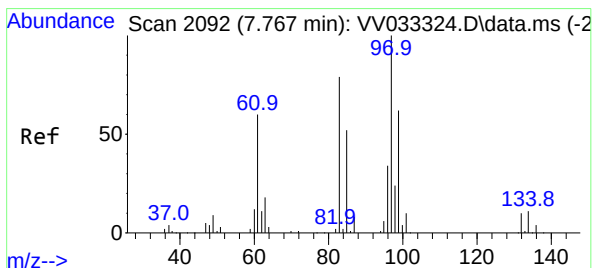
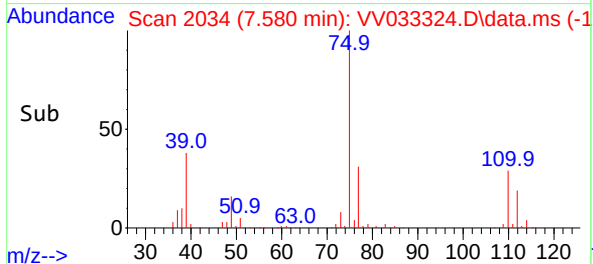
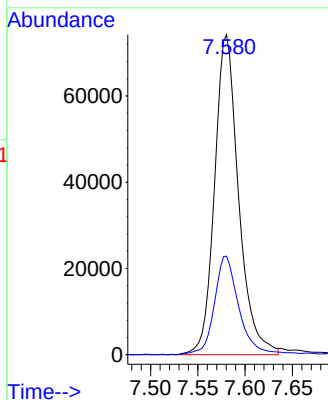
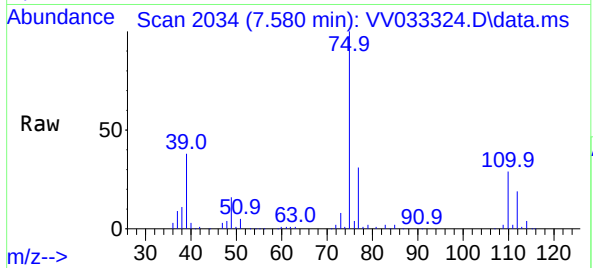




#44
trans-1,3-Dichloropropene
Concen: 49.407 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

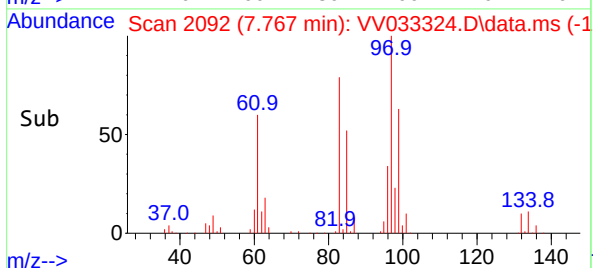
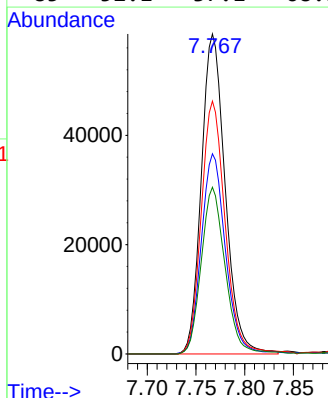
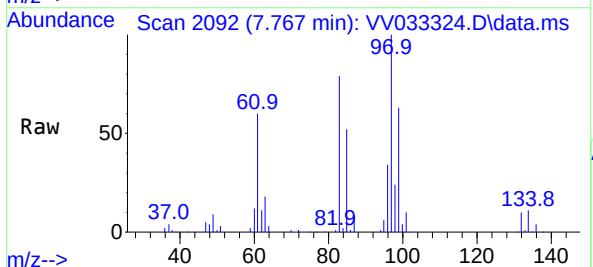
Instrument :
MSVOA_V
ClientSampleId :

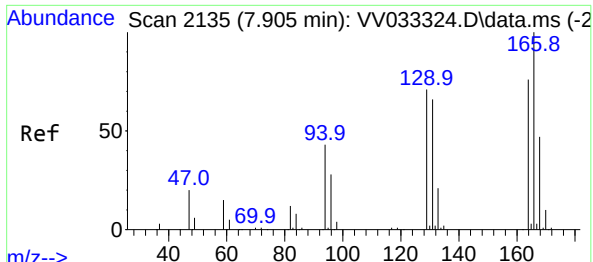
Tgt Ion: 75 Resp: 131352
Ion Ratio Lower Upper
75 100
77 30.8 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 59.282 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

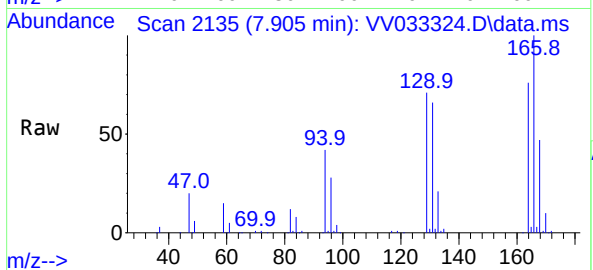
Tgt Ion: 97 Resp: 99593
Ion Ratio Lower Upper
97 100
99 62.6 43.2 80.2
83 79.0 55.8 103.6
85 52.1 37.1 68.9



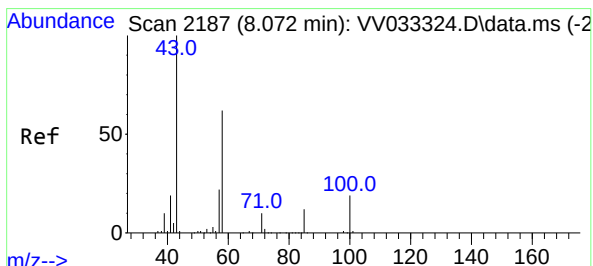
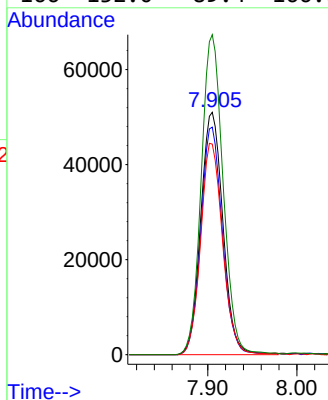
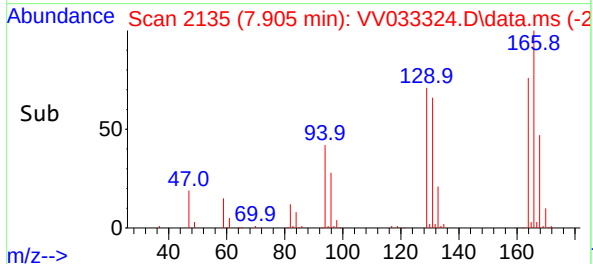


#46
Tetrachloroethene
Concen: 54.926 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

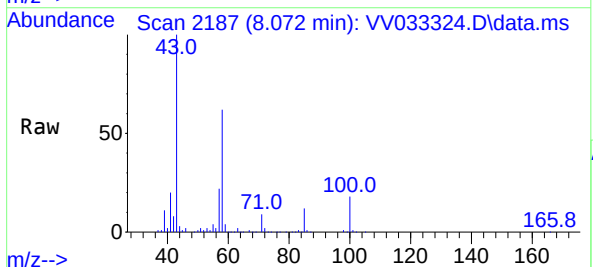
Instrument :
MSVOA_V
ClientSampleId :



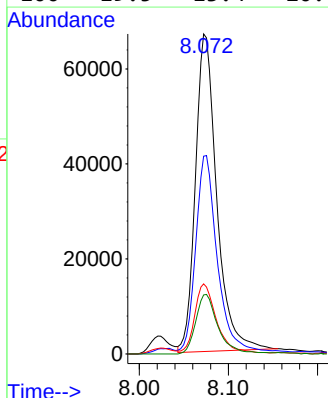
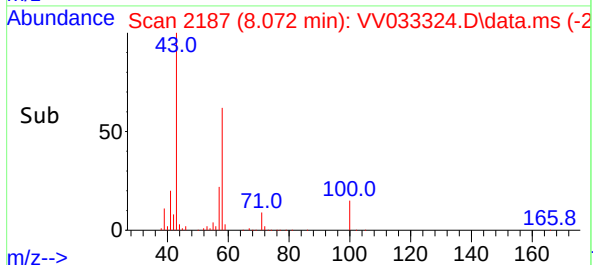
Tgt Ion:164 Resp: 88313
Ion Ratio Lower Upper
164 100
129 93.9 65.6 121.8
131 86.9 64.7 120.1
166 132.0 89.4 166.0

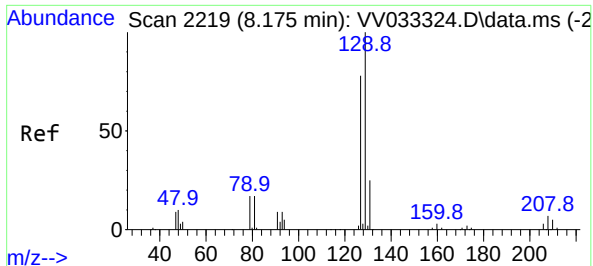


#48
2-Hexanone
Concen: 87.376 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47



Tgt Ion: 43 Resp: 111447
Ion Ratio Lower Upper
43 100
58 61.9 47.9 71.9
57 22.7 17.4 26.0
100 19.5 13.4 20.0





#49

Dibromochloromethane

Concen: 60.503 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV033324.D

Acq: 14 Dec 2023 10:47

Instrument :

MSVOA_V

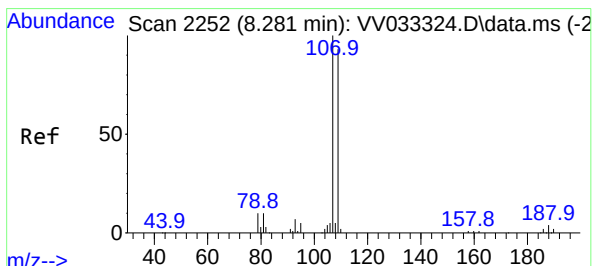
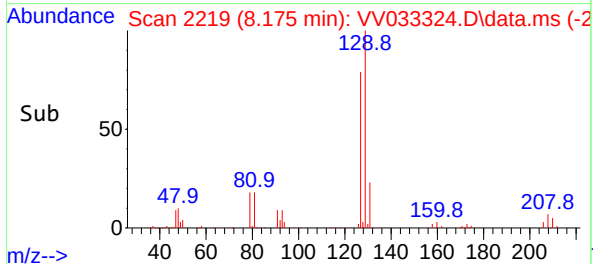
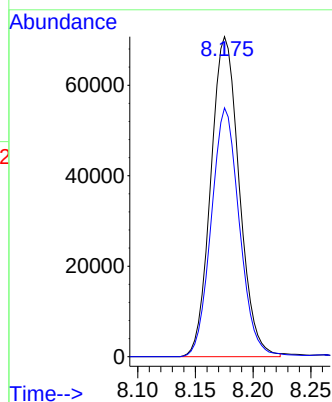
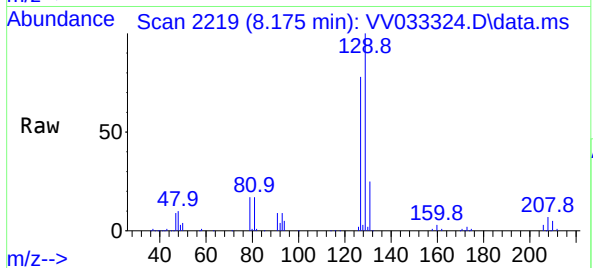
ClientSampleId :

Tgt Ion:129 Resp: 121339

Ion Ratio Lower Upper

129 100

127 77.7 54.1 100.5



#50

1,2-Dibromoethane

Concen: 59.146 ug/L

RT: 8.281 min Scan# 2252

Delta R.T. 0.000 min

Lab File: VV033324.D

Acq: 14 Dec 2023 10:47

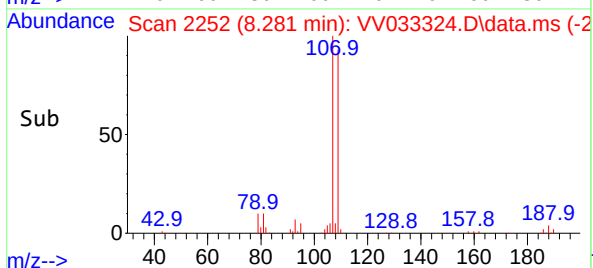
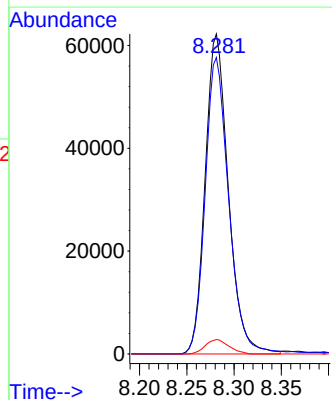
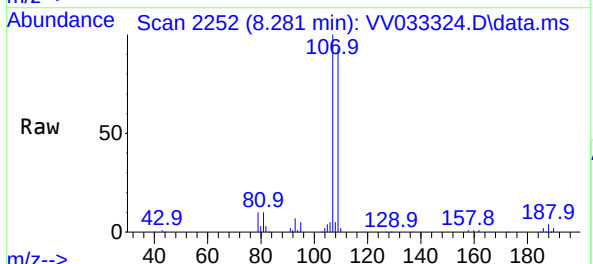
Tgt Ion:107 Resp: 105936

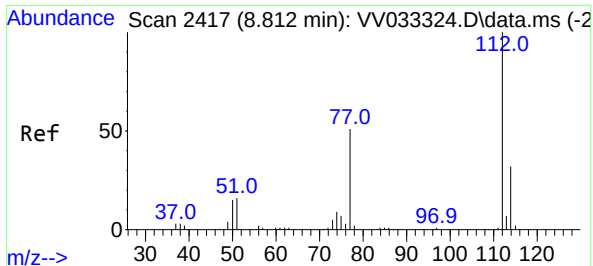
Ion Ratio Lower Upper

107 100

109 92.6 65.2 121.2

188 4.5 3.8 5.6

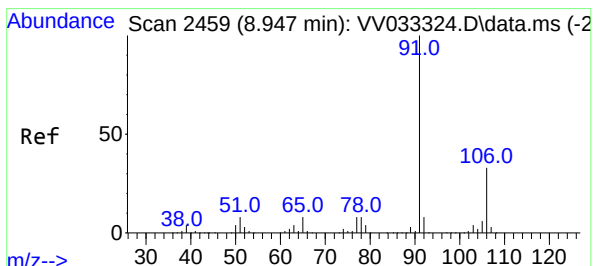
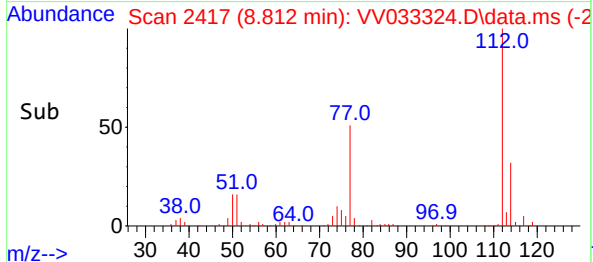
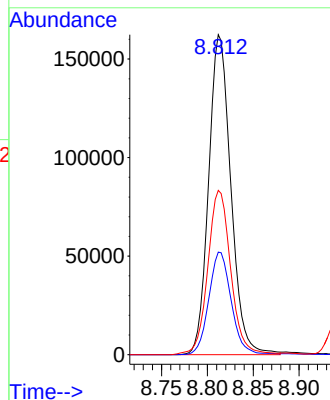
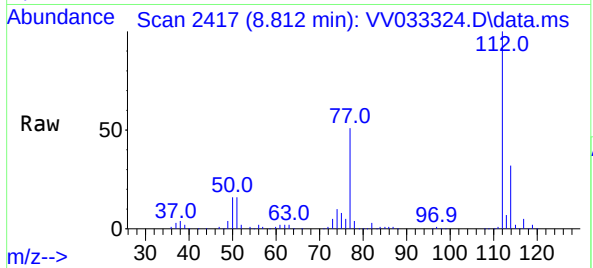




#51
Chlorobenzene
Concen: 55.276 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

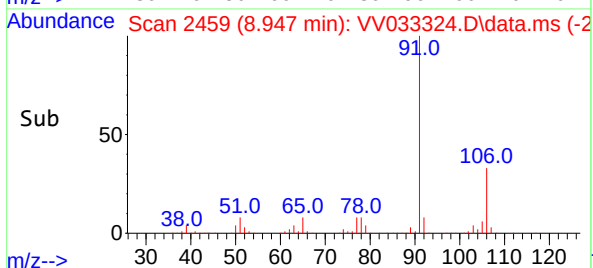
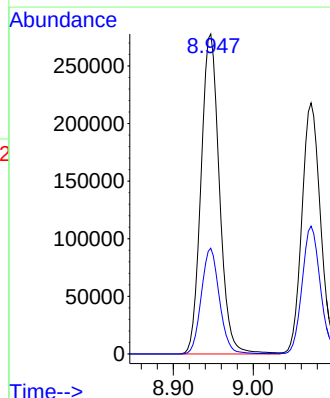
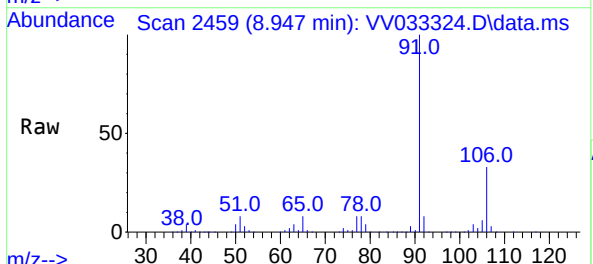
Instrument :
MSVOA_V
ClientSampleId :

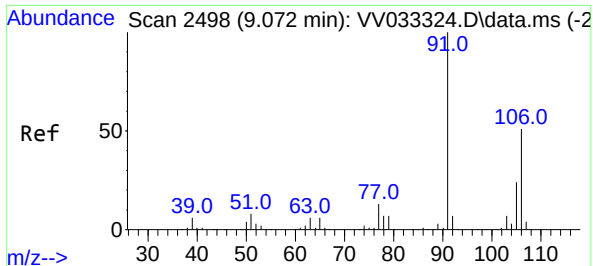
Tgt Ion:112 Resp: 274233
Ion Ratio Lower Upper
112 100
114 32.0 22.9 42.5
77 51.4 42.6 64.0



#52
Ethylbenzene
Concen: 54.777 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion: 91 Resp: 444817
Ion Ratio Lower Upper
91 100
106 33.1 22.6 42.0

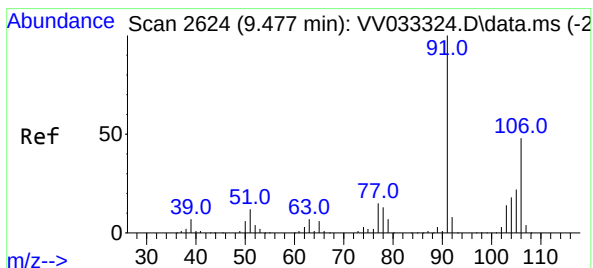
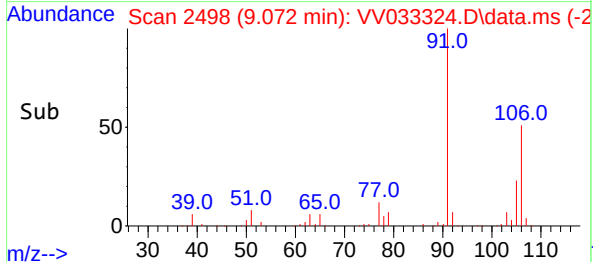
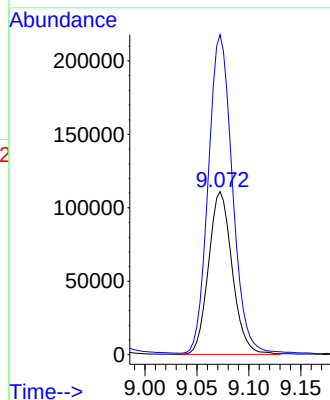
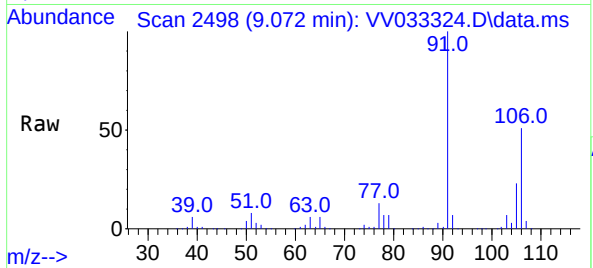




#53
m,p-Xylene
Concen: 54.467 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

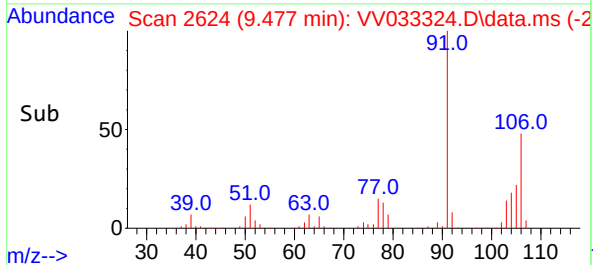
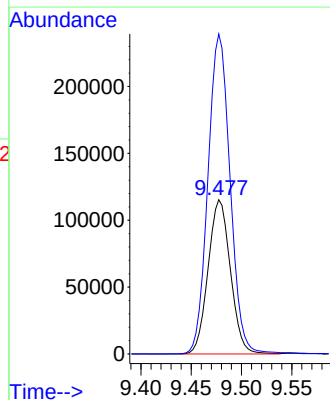
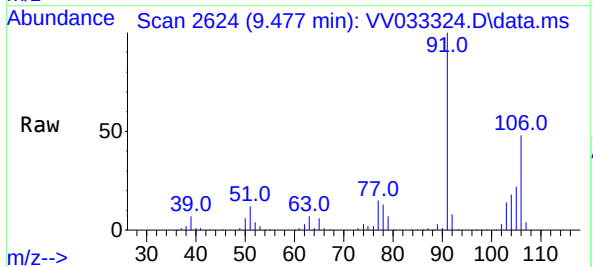
Instrument :
MSVOA_V
ClientSampleId :

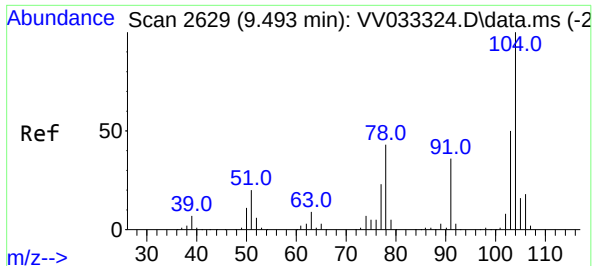
Tgt Ion:106 Resp: 175158
Ion Ratio Lower Upper
106 100
91 196.3 145.2 269.6



#54
o-Xylene
Concen: 56.069 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion:106 Resp: 177926
Ion Ratio Lower Upper
106 100
91 207.5 147.8 274.6

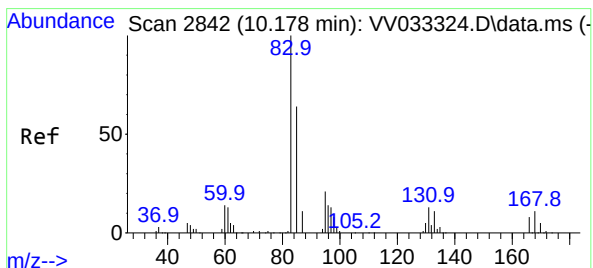
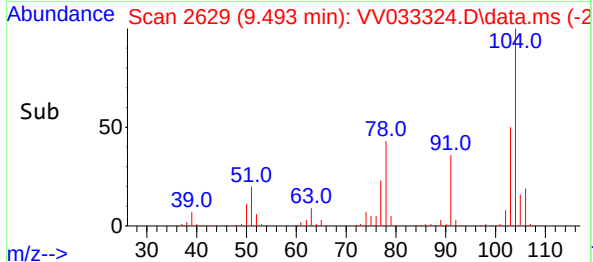
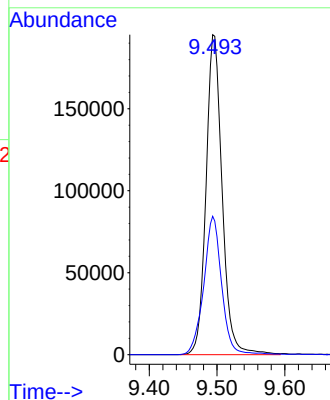
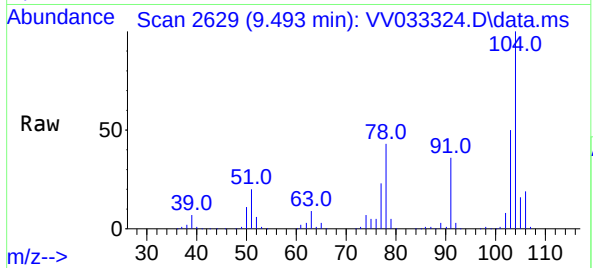




#55
Styrene
Concen: 58.834 ug/L
RT: 9.493 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

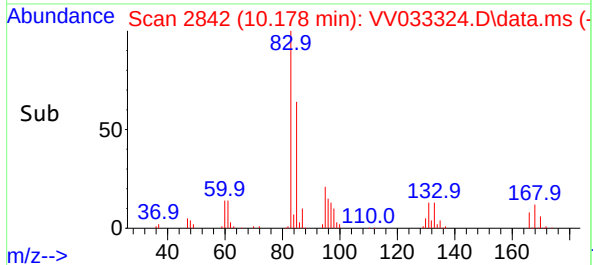
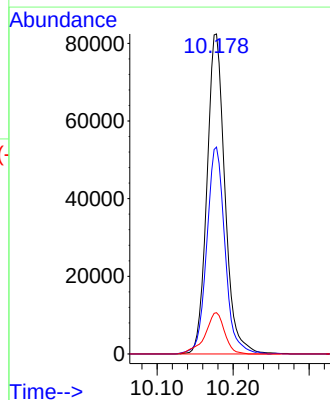
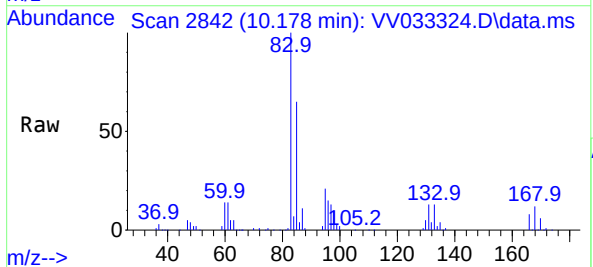
Instrument :
MSVOA_V
ClientSampleId :

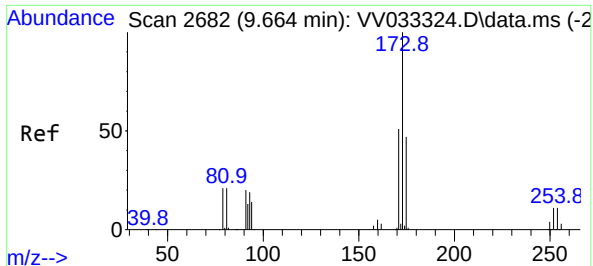
Tgt Ion:104 Resp: 322974
Ion Ratio Lower Upper
104 100
78 43.2 30.2 56.0



#57
1,1,2,2-Tetrachloroethane
Concen: 59.005 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

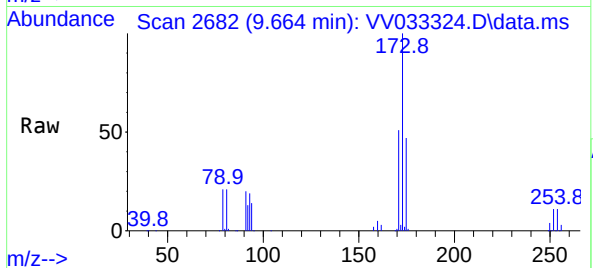
Tgt Ion: 83 Resp: 135434
Ion Ratio Lower Upper
83 100
85 64.6 45.5 84.5
131 12.9 9.7 14.5



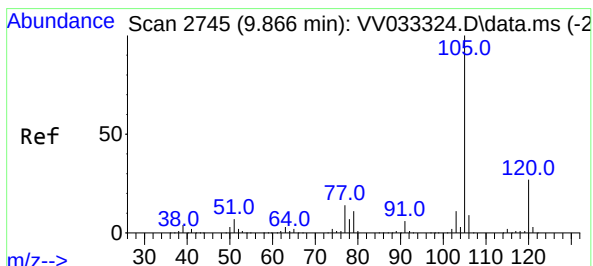
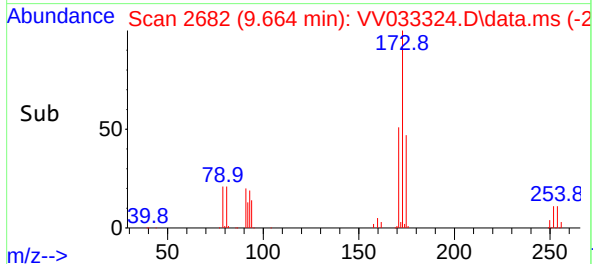
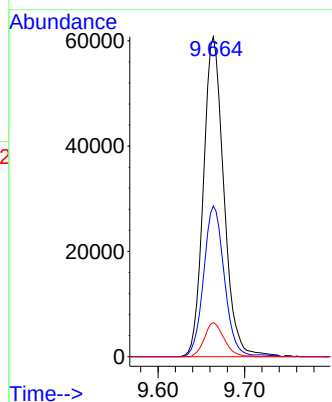


#59
Bromoform
Concen: 58.541 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Instrument :
MSVOA_V
ClientSampleId :

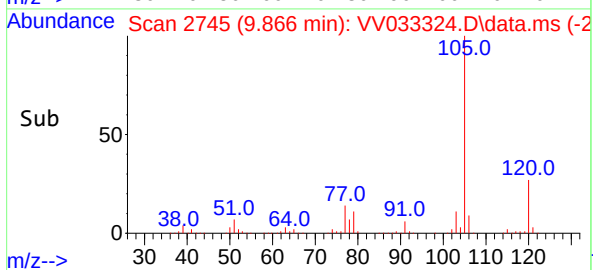
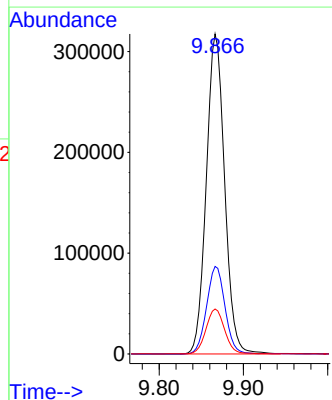
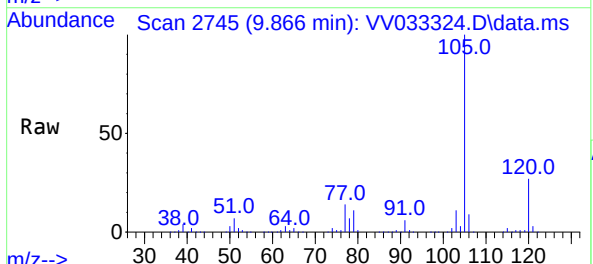


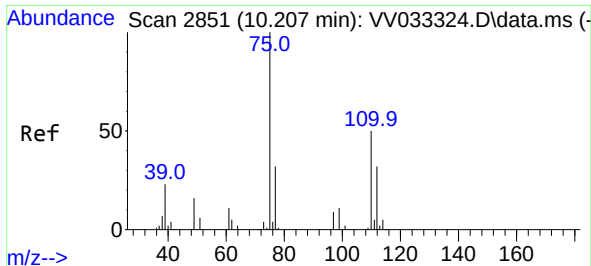
Tgt Ion:173 Resp: 99570
Ion Ratio Lower Upper
173 100
175 47.5 38.7 58.1
254 10.3 8.0 12.0



#60
Isopropylbenzene
Concen: 53.189 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion:105 Resp: 480620
Ion Ratio Lower Upper
105 100
120 27.5 21.3 31.9
77 14.2 12.0 18.0

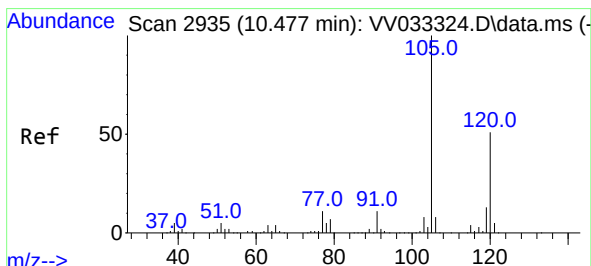
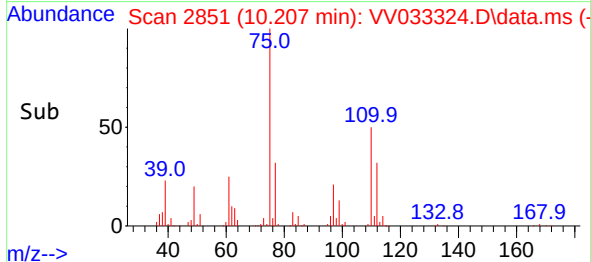
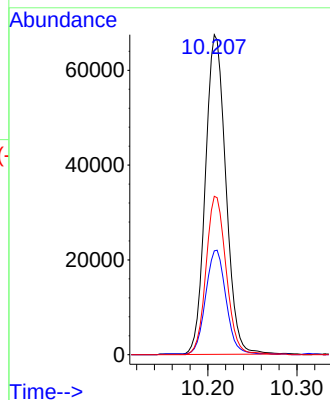
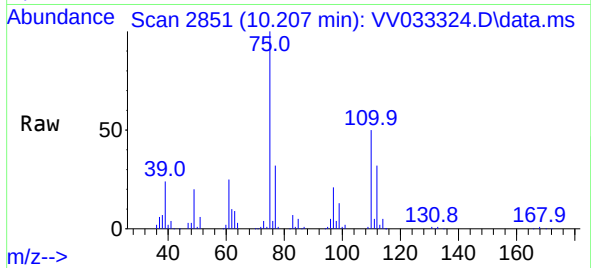




#61
1,2,3-Trichloropropane
Concen: 55.052 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

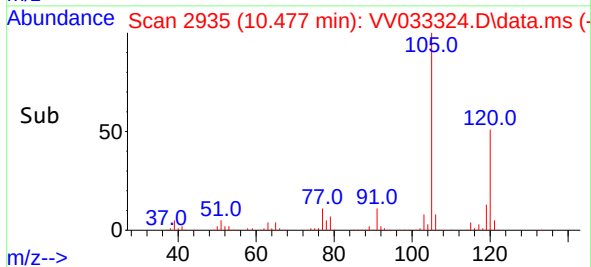
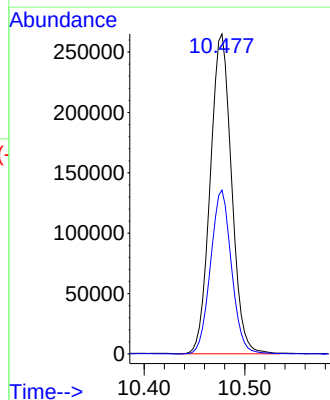
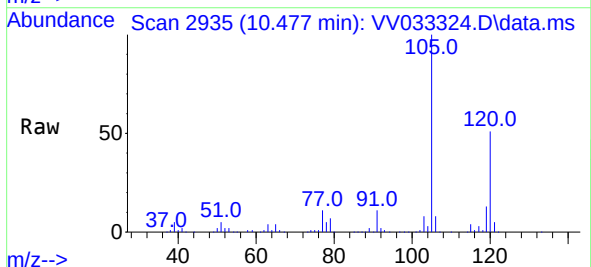
Instrument :
MSVOA_V
ClientSampleId :

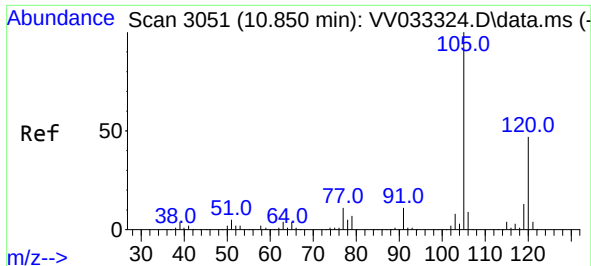
Tgt Ion: 75 Resp: 107577
Ion Ratio Lower Upper
75 100
77 32.5 27.0 40.6
110 48.9 38.1 57.1



#62
1,3,5-Trimethylbenzene
Concen: 53.587 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion:105 Resp: 390121
Ion Ratio Lower Upper
105 100
120 50.6 39.7 59.5

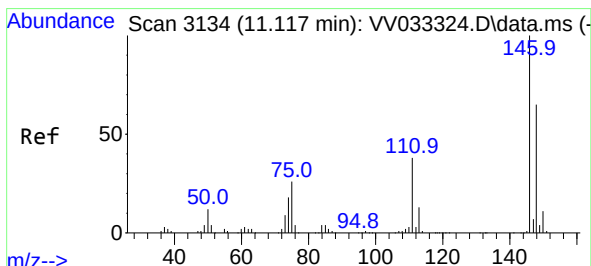
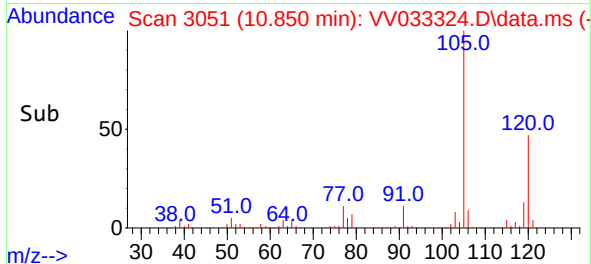
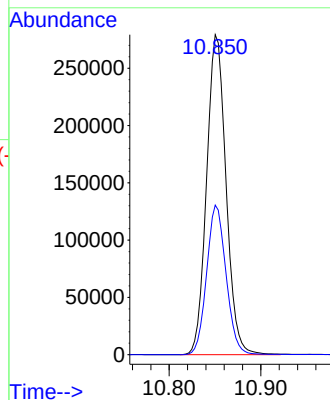
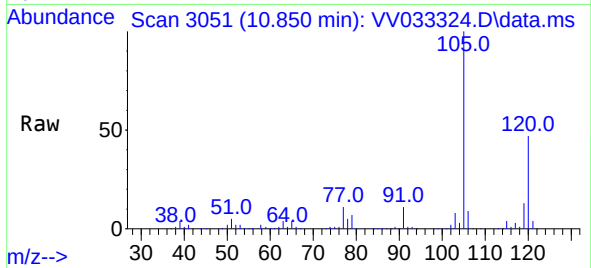




#63
1,2,4-Trimethylbenzene
Concen: 54.354 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

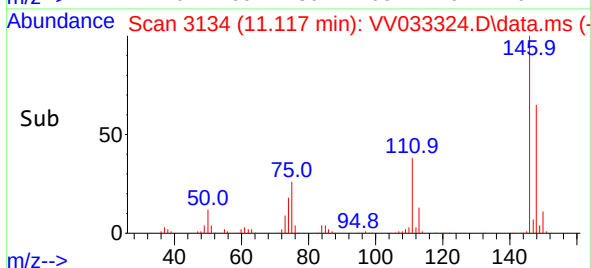
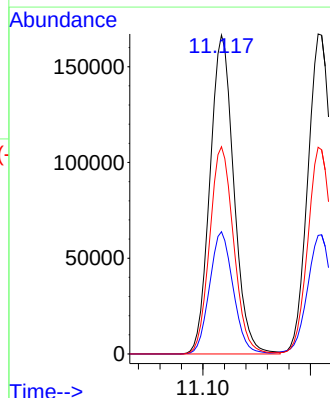
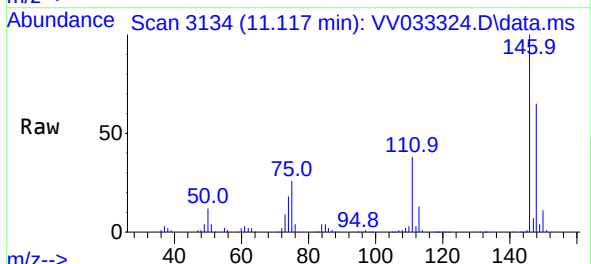
Instrument :
MSVOA_V
ClientSampleId :

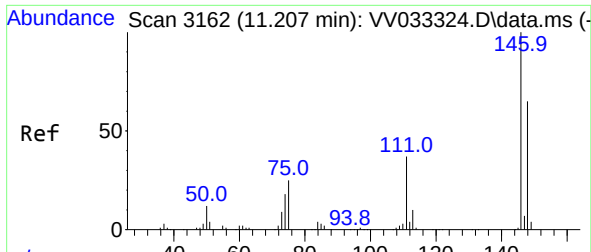
Tgt Ion:105 Resp: 412102
Ion Ratio Lower Upper
105 100
120 46.6 36.7 55.1



#64
1,3-Dichlorobenzene
Concen: 53.184 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

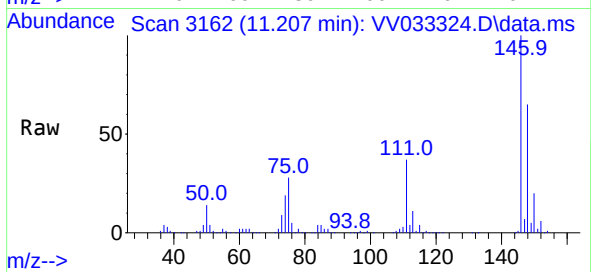
Tgt Ion:146 Resp: 256740
Ion Ratio Lower Upper
146 100
111 38.3 26.2 48.6
148 65.0 44.5 82.7



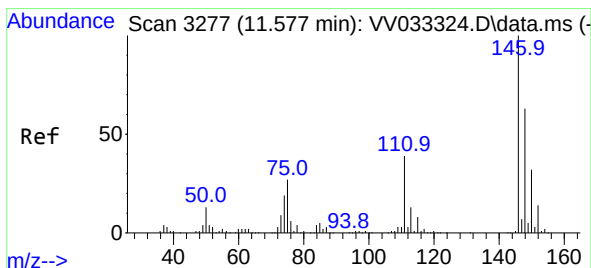
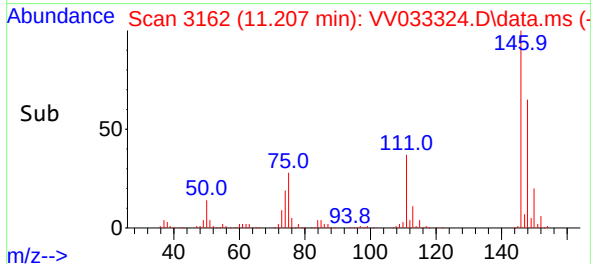
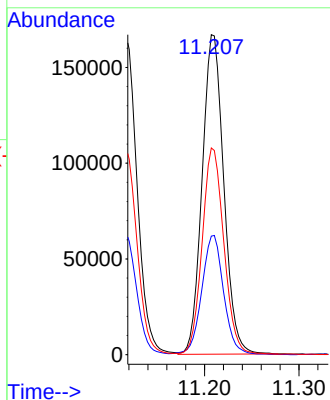


#65
1,4-Dichlorobenzene
Concen: 52.890 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Instrument :
MSVOA_V
ClientSampleId :

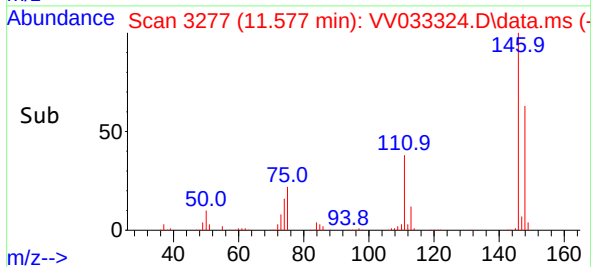
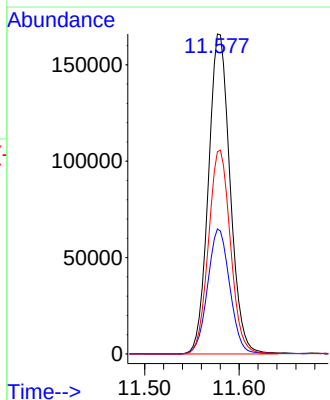
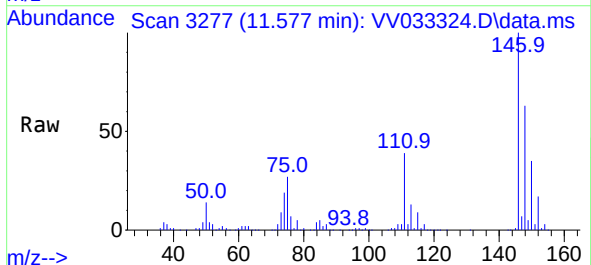


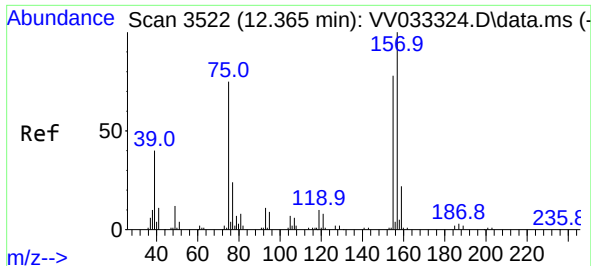
Tgt Ion:146 Resp: 265220
Ion Ratio Lower Upper
146 100
111 37.1 25.9 48.1
148 64.6 44.9 83.5



#67
1,2-Dichlorobenzene
Concen: 55.910 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Tgt Ion:146 Resp: 264598
Ion Ratio Lower Upper
146 100
111 39.1 32.4 48.6
148 63.2 51.8 77.8

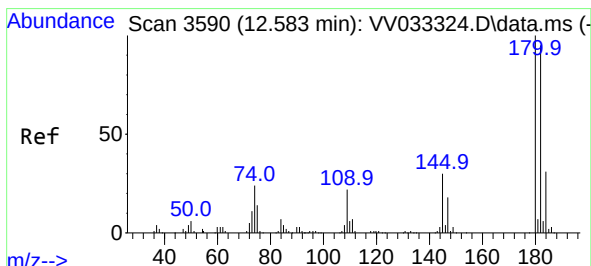
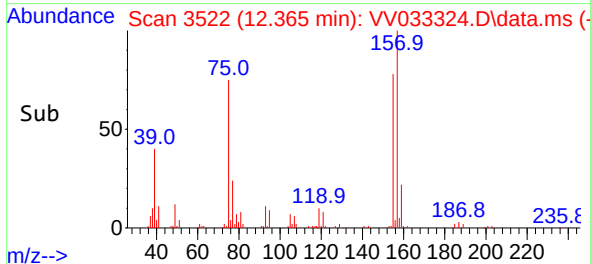
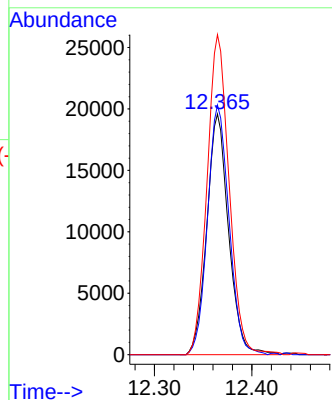
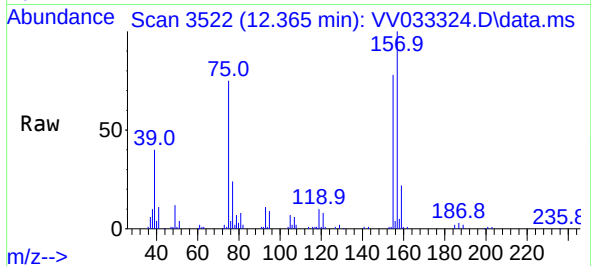




#68
1,2-Dibromo-3-chloropropane
Concen: 50.719 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

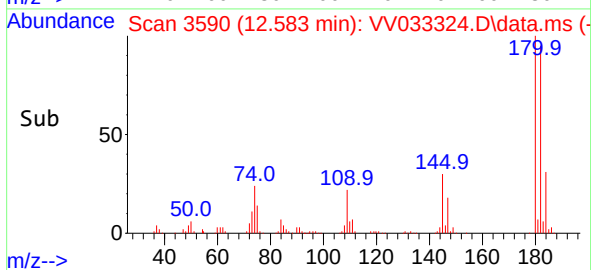
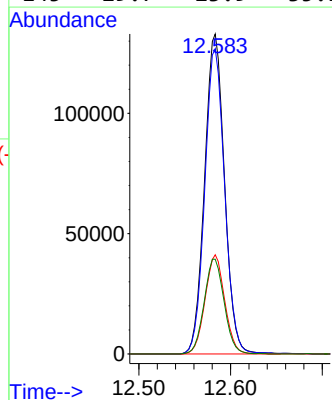
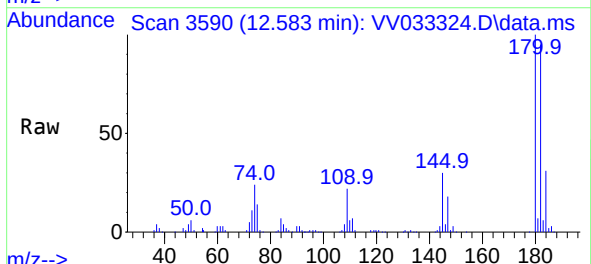
Instrument :
MSVOA_V
ClientSampleId :

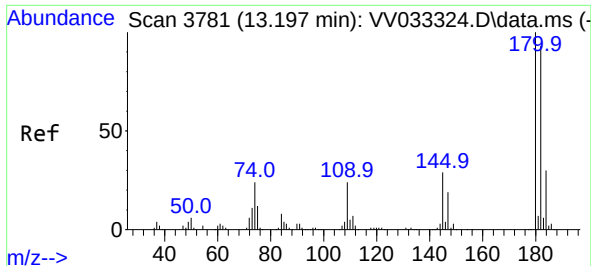
Tgt Ion: 75 Resp: 30411
Ion Ratio Lower Upper
75 100
155 103.8 75.8 113.6
157 133.0 95.4 143.0



#69
1,3,5-Trichlorobenzene
Concen: 51.948 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

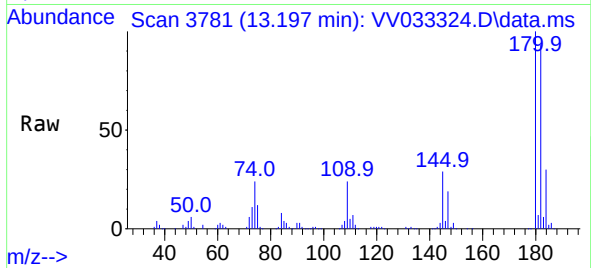
Tgt Ion:180 Resp: 200874
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.4
184 30.5 24.2 36.4
145 29.7 23.9 35.9



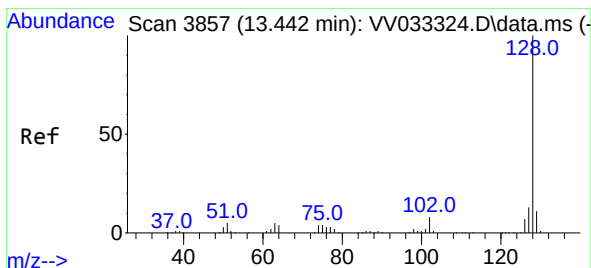
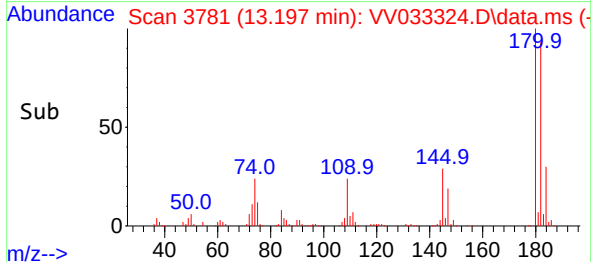
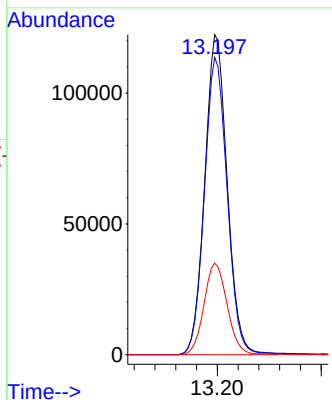


#70
1,2,4-trichlorobenzene
Concen: 51.464 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Instrument :
MSVOA_V
ClientSampleId :

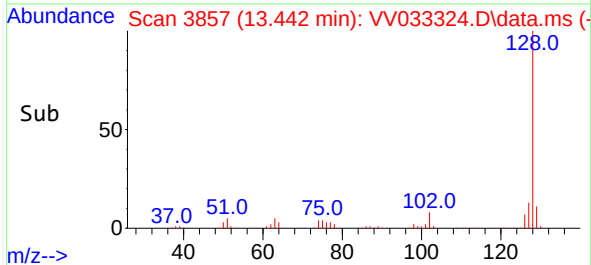
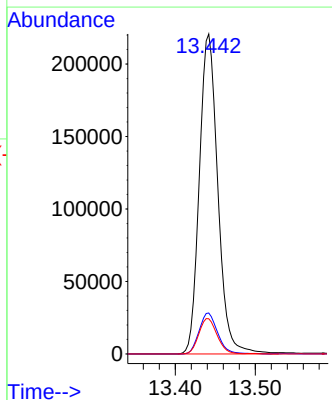
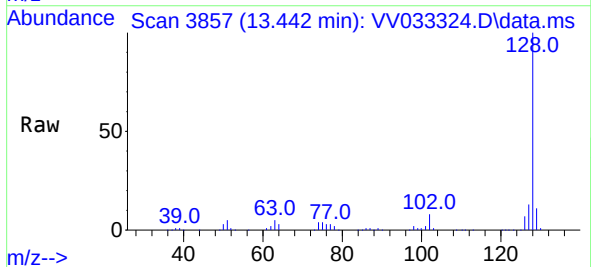


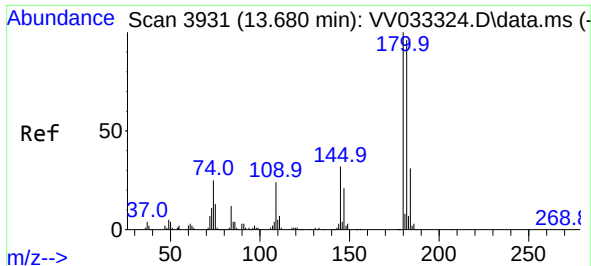
Tgt Ion:180 Resp: 183854
Ion Ratio Lower Upper
180 100
182 93.6 76.3 114.5
145 29.3 23.4 35.0



#71
Naphthalene
Concen: 40.858 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

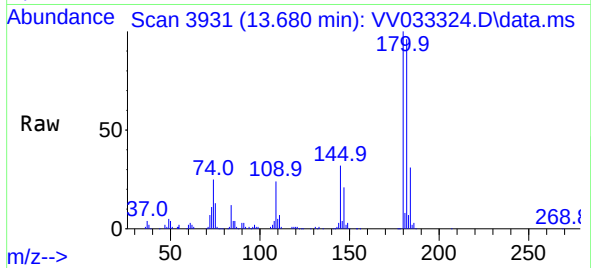
Tgt Ion:128 Resp: 355967
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.6 13.0





#72
1,2,3-Trichlorobenzene
Concen: 51.995 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV033324.D
Acq: 14 Dec 2023 10:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 179238
Ion Ratio Lower Upper
180 100
182 95.6 75.2 112.8
145 32.2 24.9 37.3

