

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035125.D
 Acq On : 11 Apr 2024 12:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 11 13:43:33 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	292481	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	293364	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	153924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	145537	51.524	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 103.040%	
7) Chloroethane-d5	1.526	69	123305	50.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 100.520%	
11) 1,1-Dichloroethene-d2	2.057	65	62798	50.718	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.440%	
21) 2-Butanone-d5	3.783	46	217457	129.807	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 129.810%	
24) Chloroform-d	4.246	84	273287	57.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.080%	
26) 1,2-Dichloroethane-d4	4.937	65	175882	58.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.660%	
32) Benzene-d6	4.957	84	531906	53.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.960%	
36) 1,2-Dichloropropane-d6	5.986	67	174511	55.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 111.540%	
41) Toluene-d8	7.240	98	478648	53.935	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.860%	
43) trans-1,3-Dichloroprop...	7.551	79	82032	53.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.840%	
47) 2-Hexanone-d5	8.021	63	126449	106.880	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 106.880%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	255266	59.238	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 118.480%	
66) 1,2-Dichlorobenzene-d4	11.558	152	181999	52.663	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.320%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	93297	44.012	ug/L	99
3) Chloromethane	1.214	50	127791	46.892	ug/L	99
5) Vinyl chloride	1.282	62	132560	46.399	ug/L	99
6) Bromomethane	1.478	94	91638	42.791	ug/L	99
8) Chloroethane	1.542	64	93378	47.857	ug/L	98
9) Trichlorofluoromethane	1.709	101	185777	49.544	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	119943	52.260	ug/L	99
12) 1,1-Dichloroethene	2.066	96	104790	47.739	ug/L	94
13) Acetone	2.111	43	176101	114.500	ug/L	100
14) Carbon disulfide	2.237	76	258039	41.743	ug/L	99
15) Methyl Acetate	2.368	43	169381	69.886	ug/L	99
16) Methylene chloride	2.446	84	139802	58.778	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	109591	51.640	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	448675	60.191	ug/L	98
19) 1,1-Dichloroethane	3.108	63	260109	59.767	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	137162	56.916	ug/L	99
22) 2-Butanone	3.864	43	227580	127.519	ug/L	98
23) Bromochloromethane	4.143	128	71494	59.295	ug/L	95
25) Chloroform	4.272	83	259355	60.276	ug/L	99

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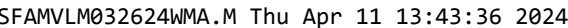
Instrument :
 MSVOA_V
 ClientSampleId :

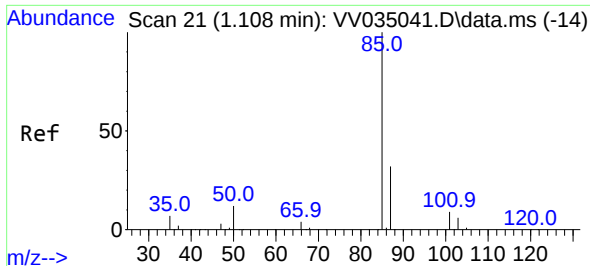
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	211341	61.691	ug/L	98
29) Cyclohexane	4.581	56	172605	46.976	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	202587	52.978	ug/L	99
31) Carbon tetrachloride	4.732	117	172178	53.122	ug/L	100
33) Benzene	5.008	78	518905	54.244	ug/L	100
34) Trichloroethene	5.831	95	131493	50.933	ug/L	98
35) Methylcyclohexane	6.047	83	189030	48.482	ug/L	99
37) 1,2-Dichloropropane	6.092	63	156879	59.342	ug/L	100
38) Bromodichloromethane	6.429	83	197033	57.765	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	234818	56.385	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	442459	131.087	ug/L	98
42) Toluene	7.314	91	546864	54.604	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	221446	57.878	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	153993	61.801	ug/L	99
46) Tetrachloroethene	7.902	164	96197	53.334	ug/L	97
48) 2-Hexanone	8.072	43	353329	123.080	ug/L	98
49) Dibromochloromethane	8.175	129	145579	58.989	ug/L	100
50) 1,2-Dibromoethane	8.281	107	157386	58.668	ug/L	99
51) Chlorobenzene	8.812	112	356140	54.867	ug/L	99
52) Ethylbenzene	8.944	91	590900	53.236	ug/L	99
53) m,p-Xylene	9.072	106	219622	53.729	ug/L	99
54) o-Xylene	9.477	106	221248	54.704	ug/L	99
55) Styrene	9.493	104	393745	57.610	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	257130	63.690	ug/L	99
59) Bromoform	9.664	173	107202	60.774	ug/L	99
60) Isopropylbenzene	9.866	105	584530	52.676	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	204211	61.225	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	377915	52.439	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	482353	54.135	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	281568	54.297	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	284242	53.901	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	295760	57.253	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	55803	60.727	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	201898	54.022	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	181399	52.840	ug/L	99
71) Naphthalene	13.435	128	474026	49.769	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	189948	56.131	ug/L	99

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

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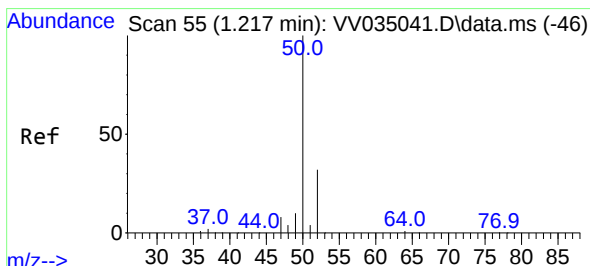
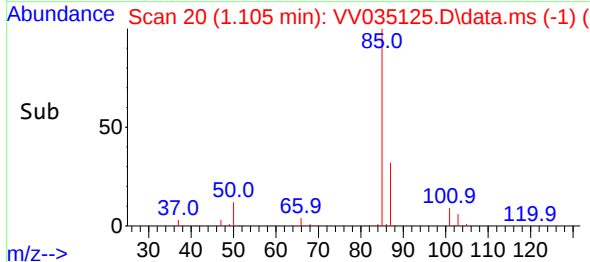
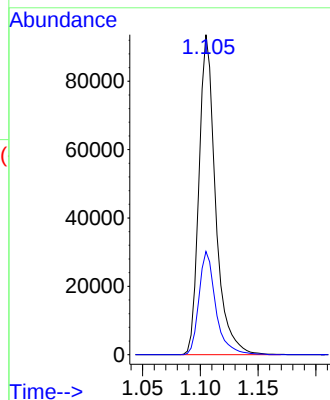
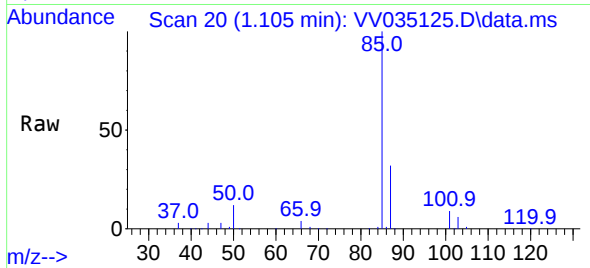




#2
 Dichlorodifluoromethane
 Concen: 44.012 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV035125.D
 Acq: 11 Apr 2024 12:04

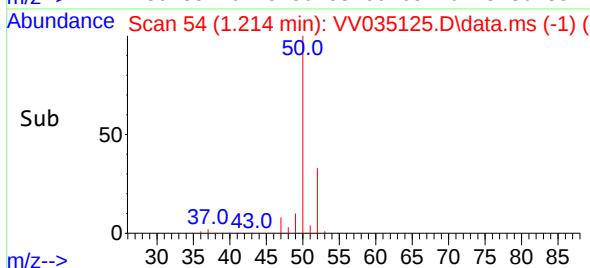
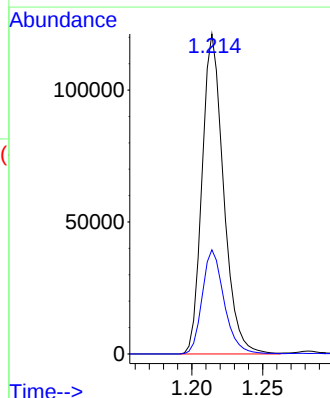
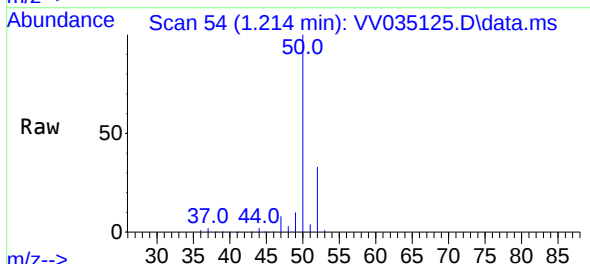
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 85 Resp: 93297
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.7 38.5

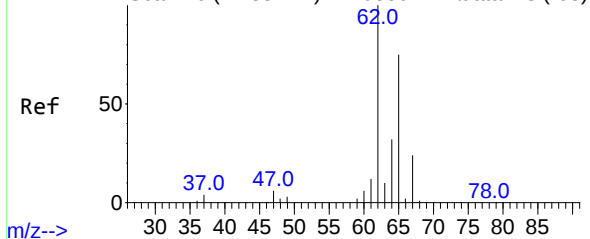


#3
 Chloromethane
 Concen: 46.892 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035125.D
 Acq: 11 Apr 2024 12:04

Tgt Ion: 50 Resp: 127791
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.8



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



#5

Vinyl chloride

Concen: 46.399 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV035125.D

Acq: 11 Apr 2024 12:04

Instrument :

MSVOA_V

ClientSampleId :

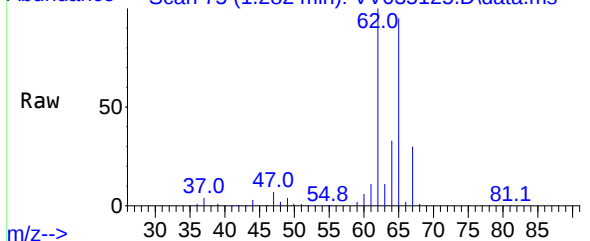
Tgt Ion: 62 Resp: 132560

Ion Ratio Lower Upper

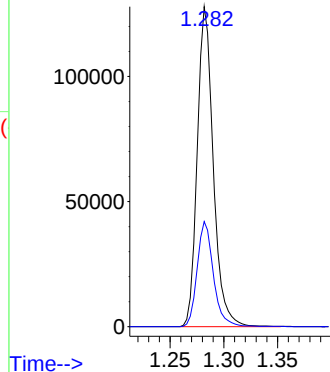
62 100

64 32.8 23.6 43.8

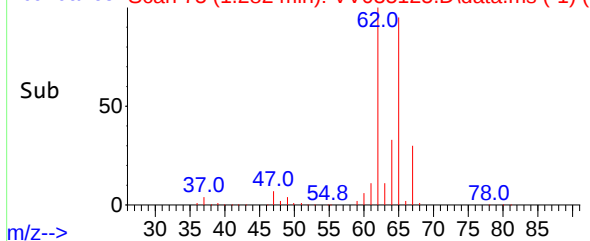
Abundance Scan 75 (1.282 min): VV035125.D\data.ms



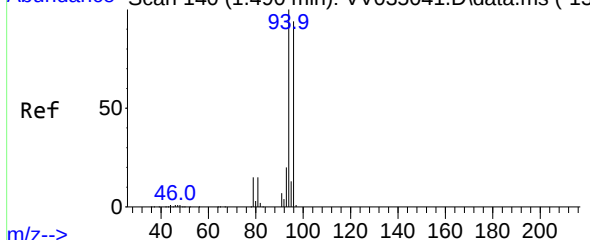
Abundance



Abundance Scan 75 (1.282 min): VV035125.D\data.ms (-1)



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



#6

Bromomethane

Concen: 42.791 ug/L

RT: 1.478 min Scan# 136

Delta R.T. -0.010 min

Lab File: VV035125.D

Acq: 11 Apr 2024 12:04

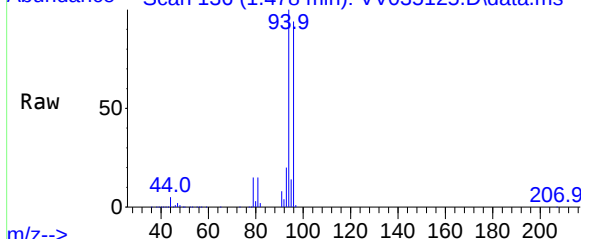
Tgt Ion: 94 Resp: 91638

Ion Ratio Lower Upper

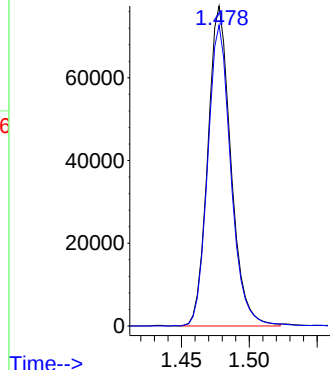
94 100

96 94.0 66.3 123.1

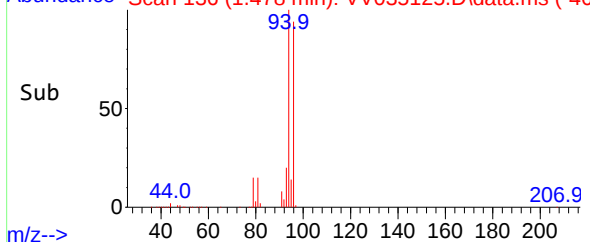
Abundance Scan 136 (1.478 min): VV035125.D\data.ms

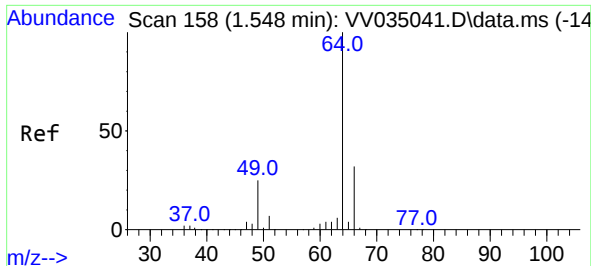


Abundance



Abundance Scan 136 (1.478 min): VV035125.D\data.ms (-46)

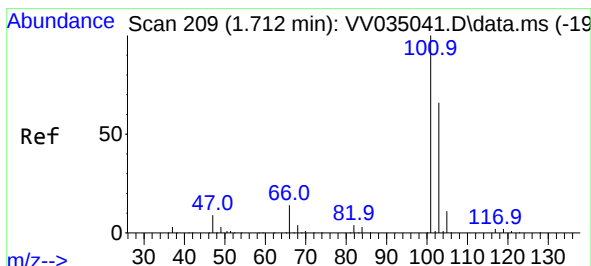
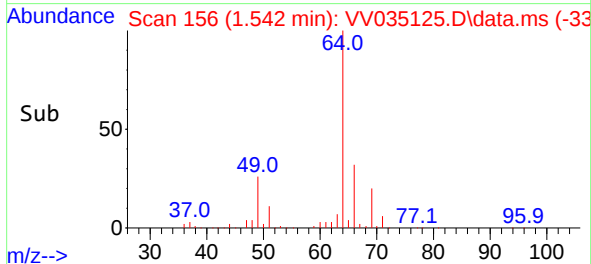
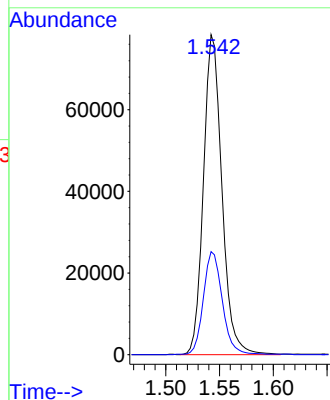
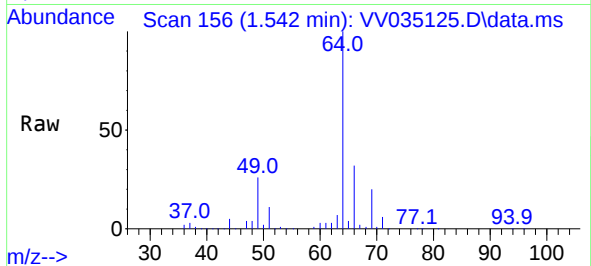




#8
Chloroethane
Concen: 47.857 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

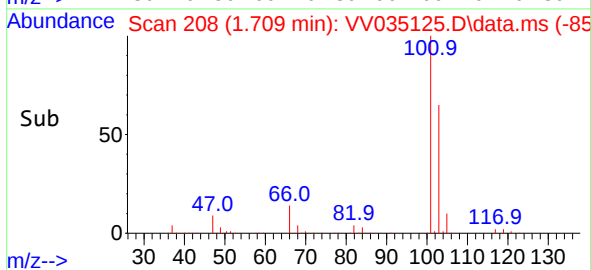
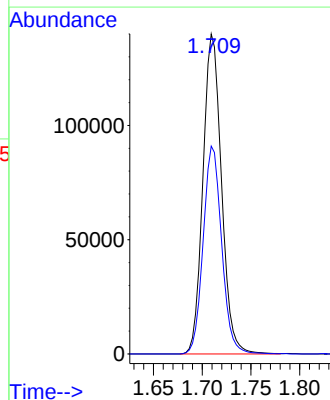
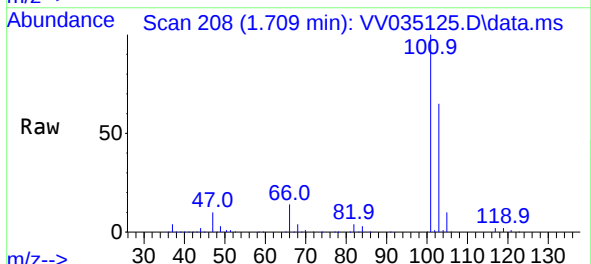
Instrument :
MSVOA_V
ClientSampleId :

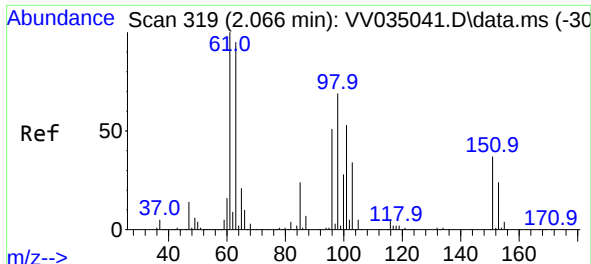
Tgt Ion: 64 Resp: 93378
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 49.544 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Tgt Ion:101 Resp: 185777
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

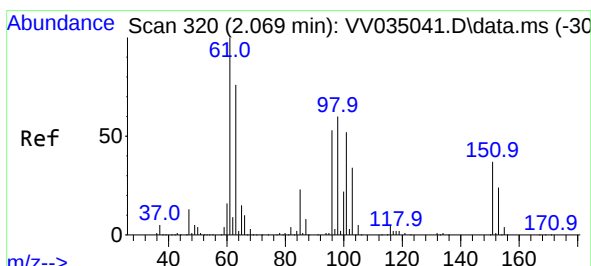
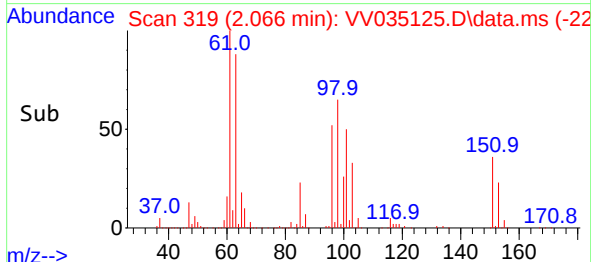
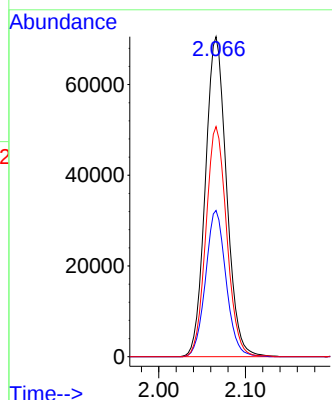
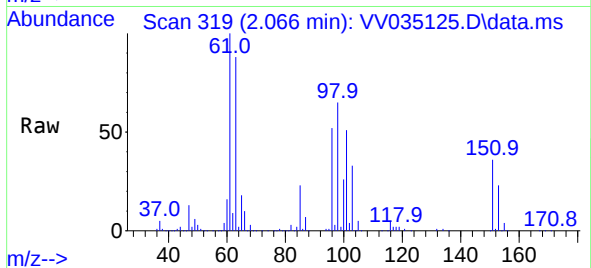




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.260 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

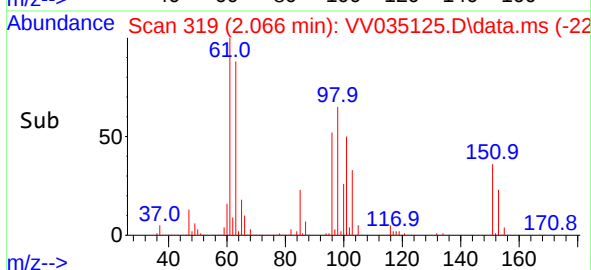
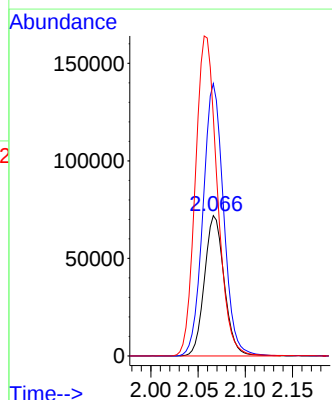
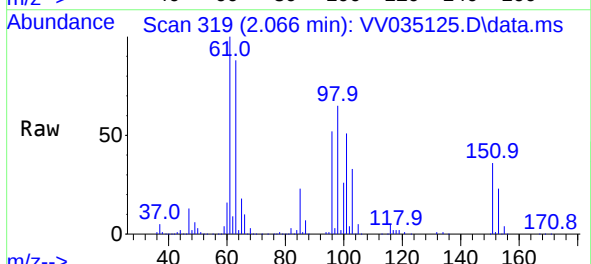
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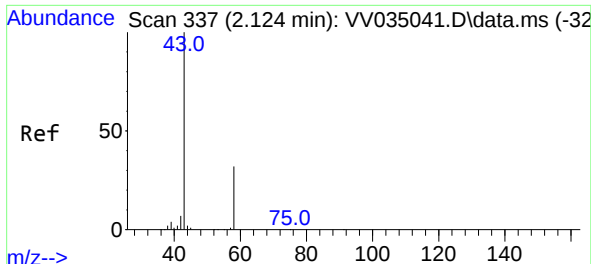
Tgt Ion:101 Resp: 119943
Ion Ratio Lower Upper
101 100
85 44.2 35.3 52.9
151 70.6 55.0 82.4



#12
1,1-Dichloroethene
Concen: 47.739 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Tgt Ion: 96 Resp: 104790
Ion Ratio Lower Upper
96 100
61 194.1 131.5 244.3
63 170.6 111.4 206.8





#13

Acetone

Concen: 114.500 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV035125.D

Acq: 11 Apr 2024 12:04

Instrument :

MSVOA_V

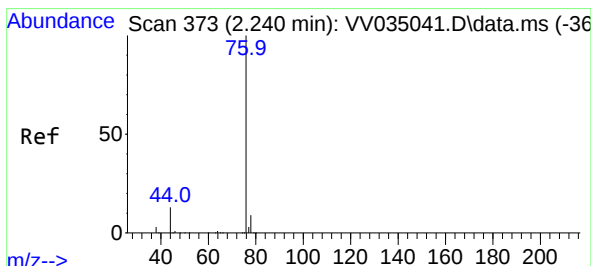
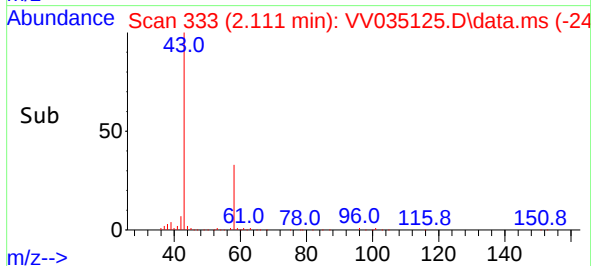
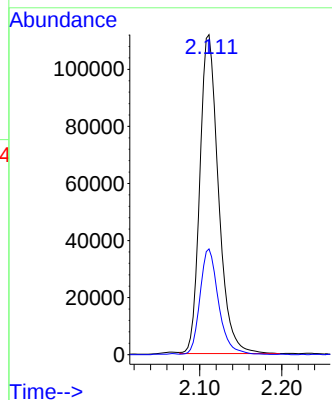
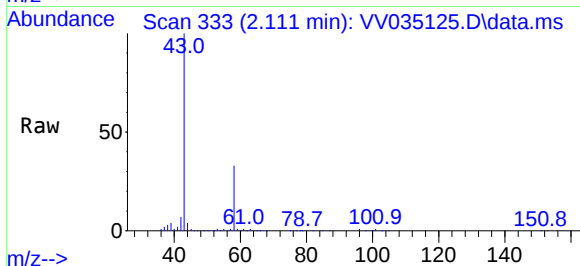
ClientSampleId :

Tgt Ion: 43 Resp: 176101

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.0



#14

Carbon disulfide

Concen: 41.743 ug/L

RT: 2.237 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV035125.D

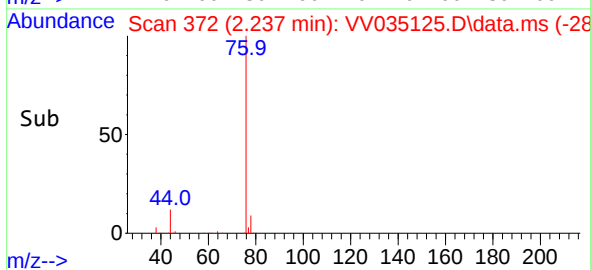
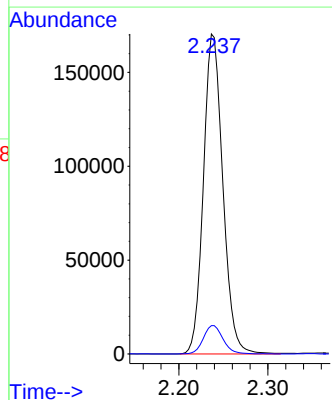
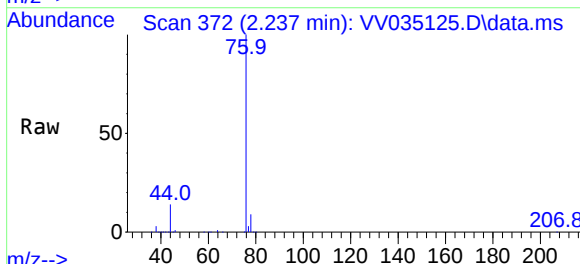
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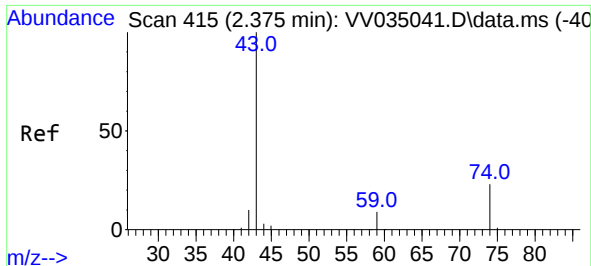
Tgt Ion: 76 Resp: 258039

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

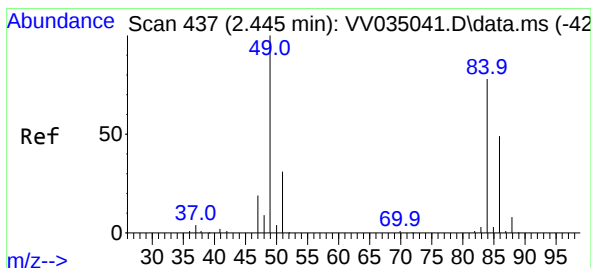
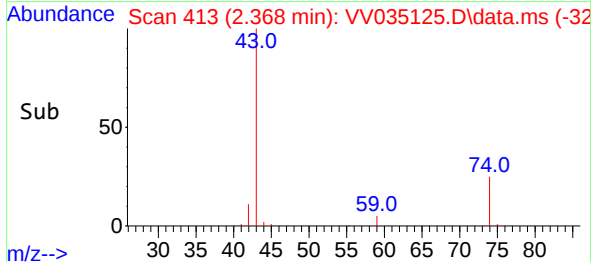
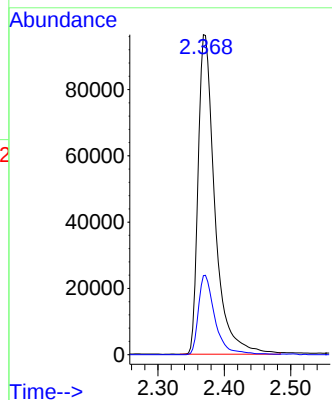
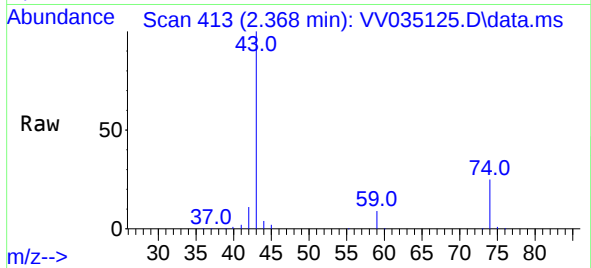




#15
Methyl Acetate
Concen: 69.886 ug/L
RT: 2.368 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

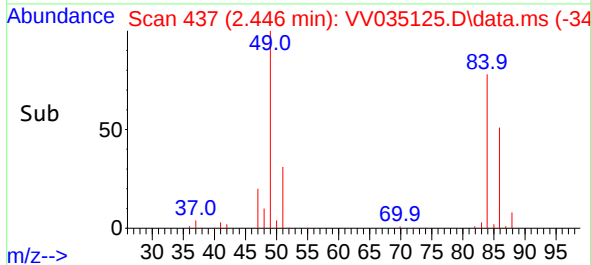
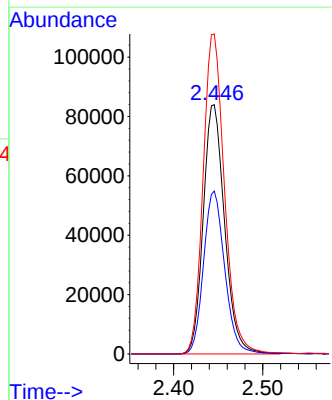
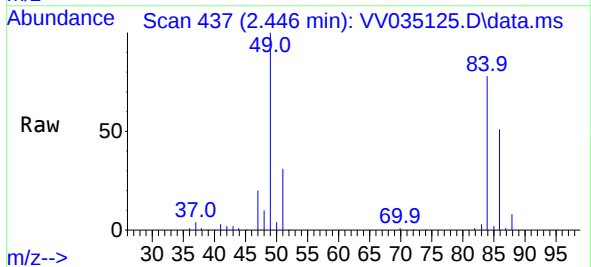
Instrument :
MSVOA_V
ClientSampleId :

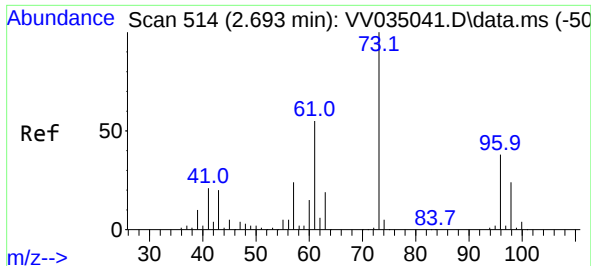
Tgt Ion: 43 Resp: 169381
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.8



#16
Methylene chloride
Concen: 58.778 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

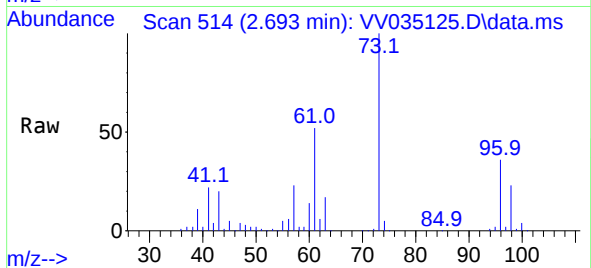
Tgt Ion: 84 Resp: 139802
Ion Ratio Lower Upper
84 100
86 65.3 44.6 82.8
49 128.3 86.9 161.3



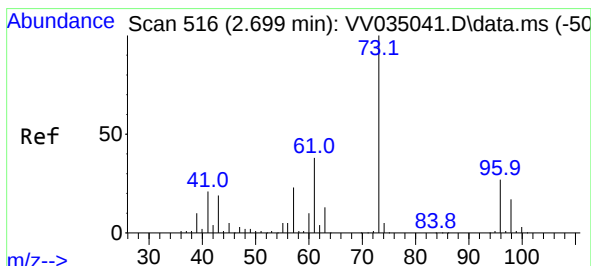
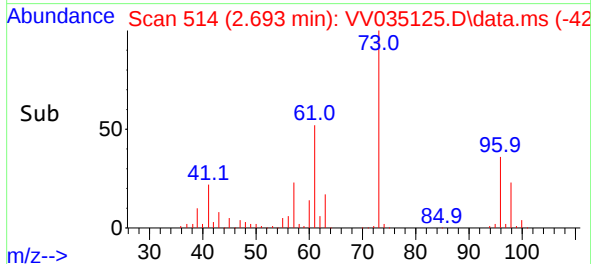
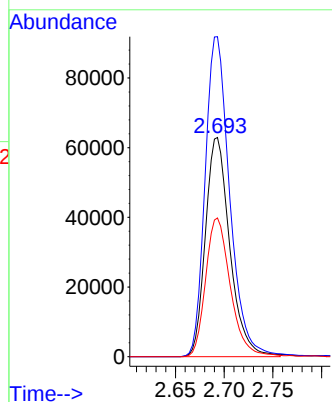


#17
trans-1,2-Dichloroethene
Concen: 51.640 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

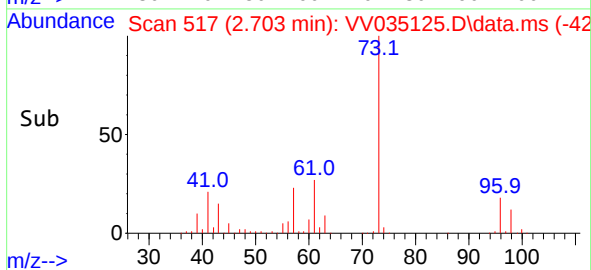
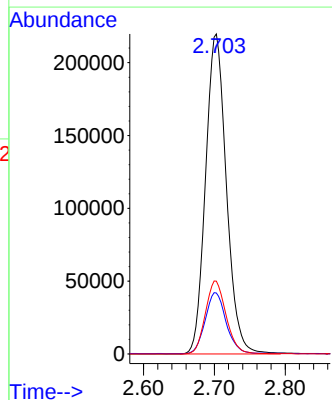
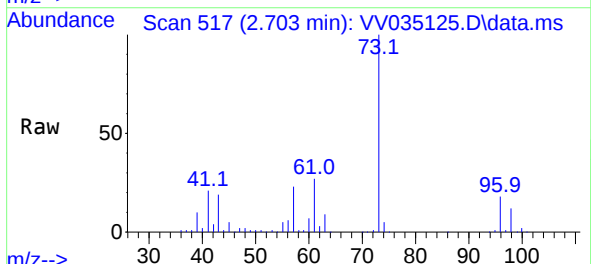


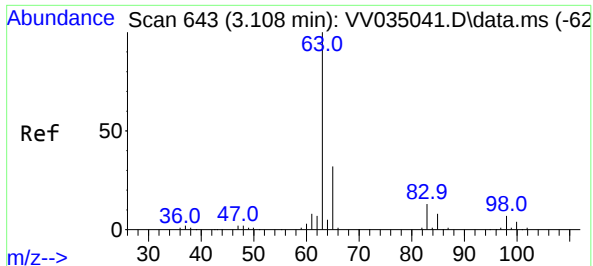
Tgt Ion: 96 Resp: 109591
Ion Ratio Lower Upper
96 100
61 145.9 99.0 183.8
98 63.3 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 60.191 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Tgt Ion: 73 Resp: 448675
Ion Ratio Lower Upper
73 100
43 19.2 14.6 21.8
57 22.7 17.6 26.4





#19

1,1-Dichloroethane

Concen: 59.767 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV035125.D

Acq: 11 Apr 2024 12:04

Instrument :

MSVOA_V

ClientSampleId :

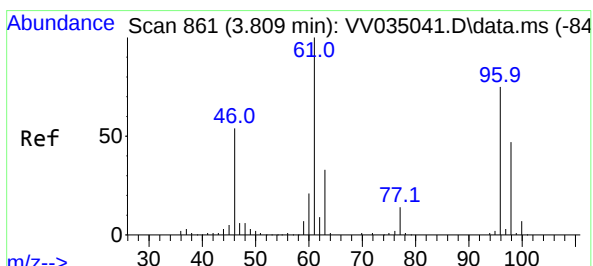
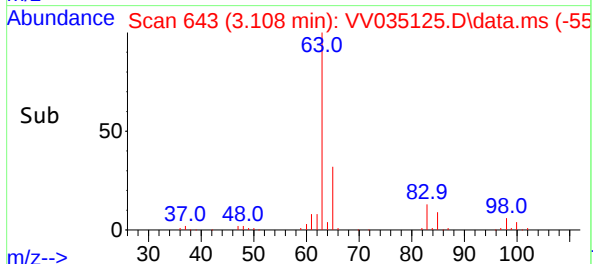
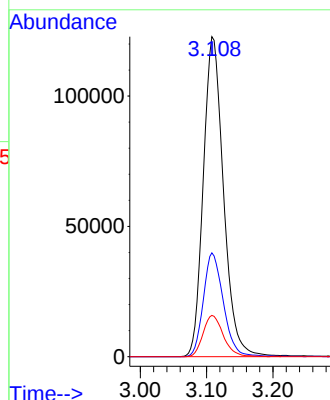
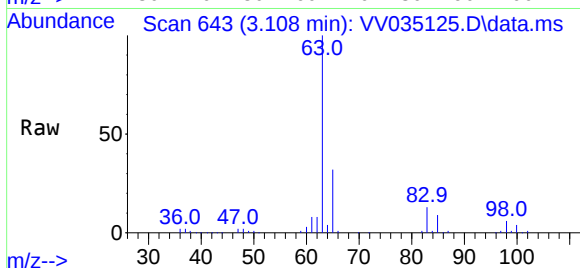
Tgt Ion: 63 Resp: 260109

Ion Ratio Lower Upper

63 100

65 32.4 23.0 42.6

83 12.9 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 56.916 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV035125.D

Acq: 11 Apr 2024 12:04

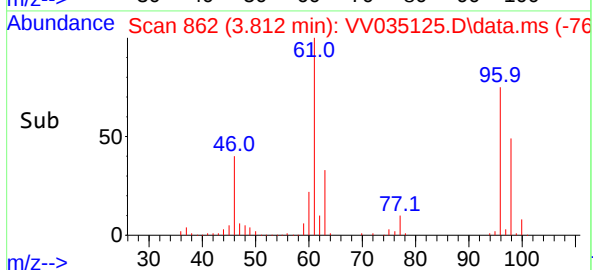
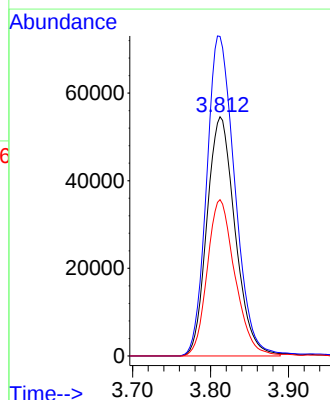
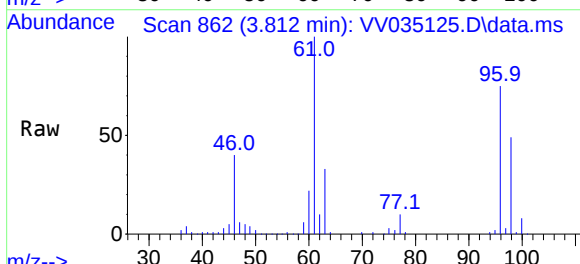
Tgt Ion: 96 Resp: 137162

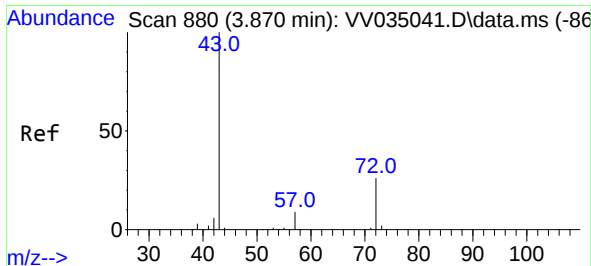
Ion Ratio Lower Upper

96 100

61 133.6 94.9 176.3

98 65.3 45.6 84.8

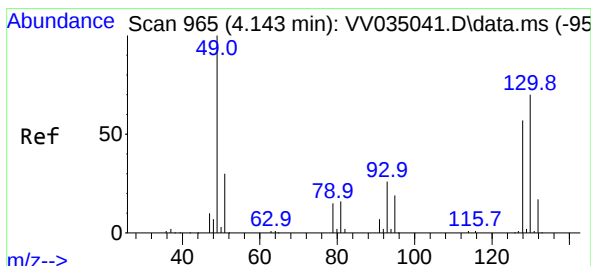
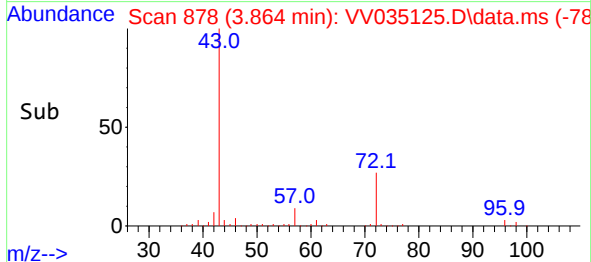
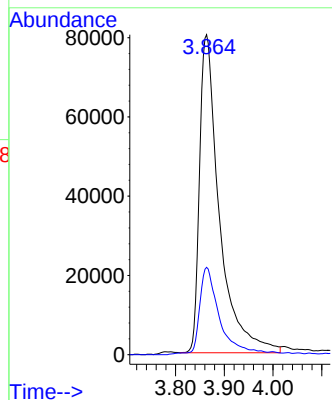
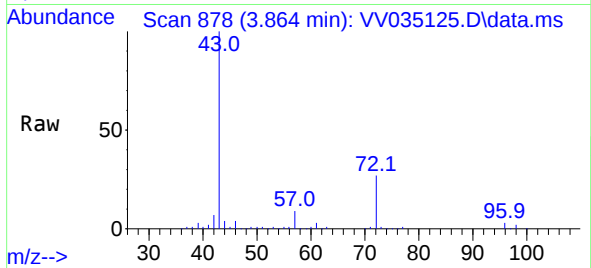




#22
2-Butanone
Concen: 127.519 ug/L
RT: 3.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

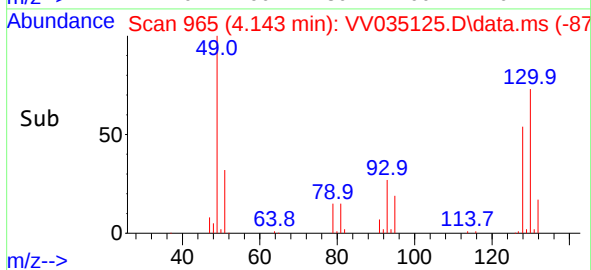
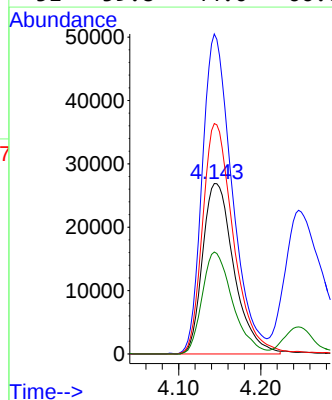
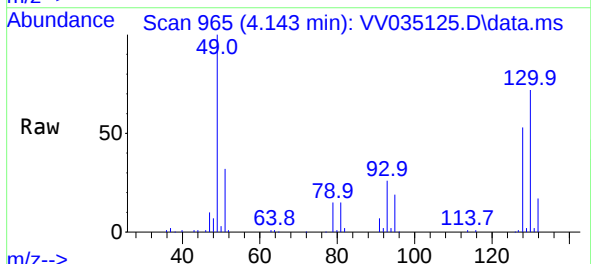
Instrument :
MSVOA_V
ClientSampleId :

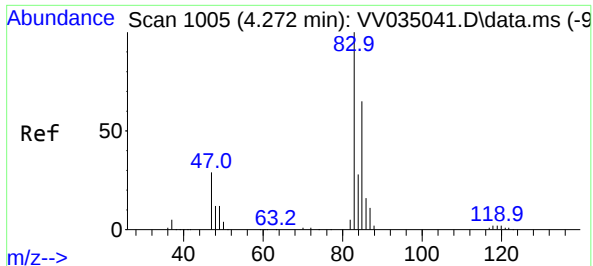
Tgt Ion: 43 Resp: 227580
Ion Ratio Lower Upper
43 100
72 25.1 13.2 39.6



#23
Bromochloromethane
Concen: 59.295 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Tgt Ion:128 Resp: 71494
Ion Ratio Lower Upper
128 100
49 187.7 123.8 229.8
130 135.2 93.2 173.0
51 59.8 44.0 66.0

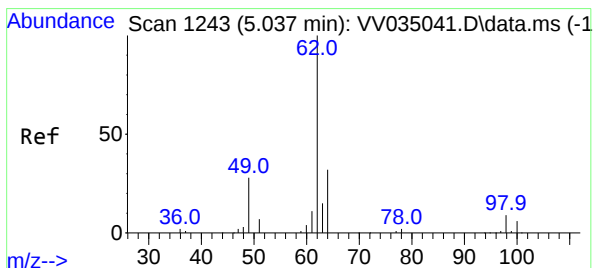
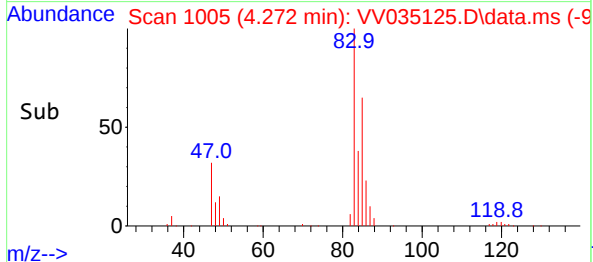
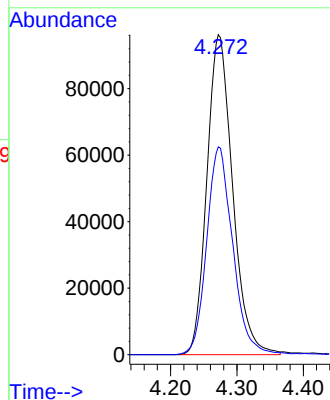
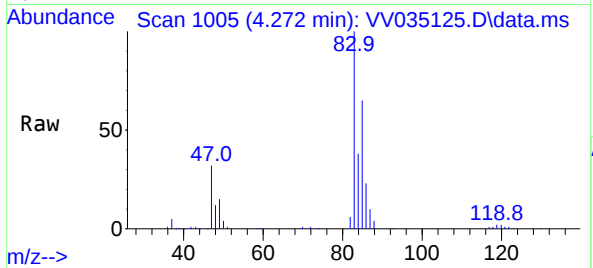




#25
Chloroform
Concen: 60.276 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

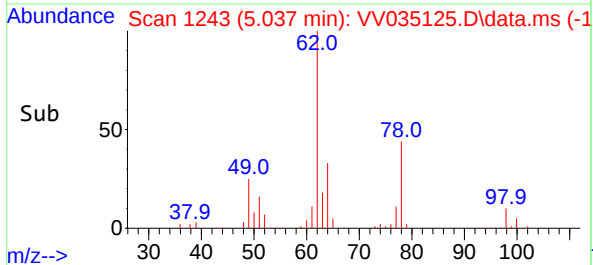
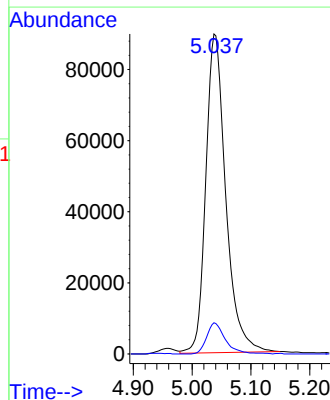
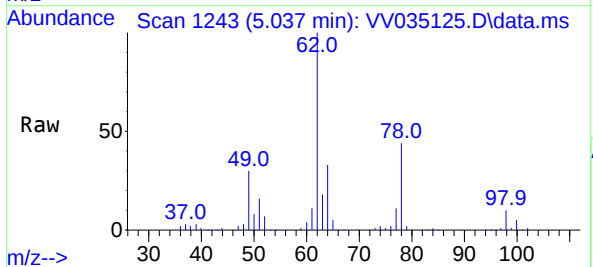
Instrument :
MSVOA_V
ClientSampleId :

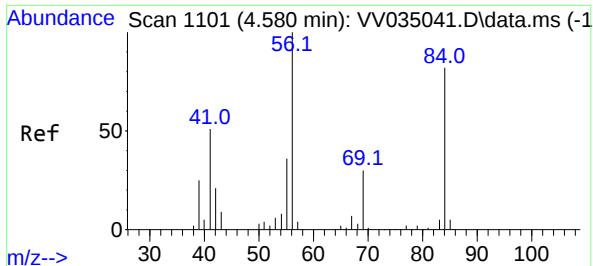
Tgt Ion: 83 Resp: 259355
Ion Ratio Lower Upper
83 100
85 65.0 46.0 85.4



#27
1,2-Dichloroethane
Concen: 61.691 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

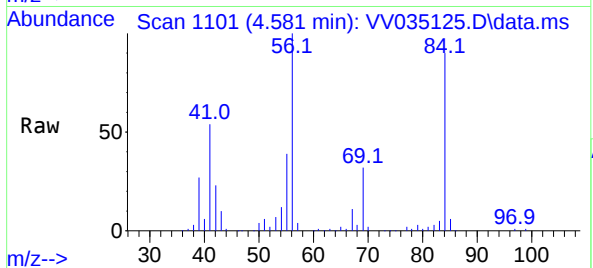
Tgt Ion: 62 Resp: 211341
Ion Ratio Lower Upper
62 100
98 9.7 7.2 10.8



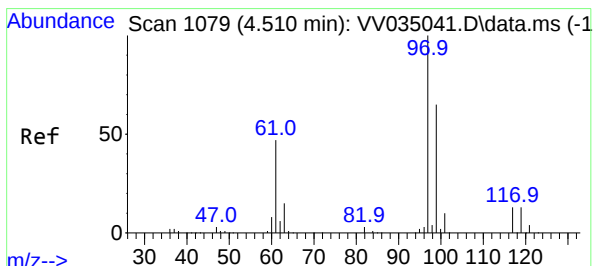
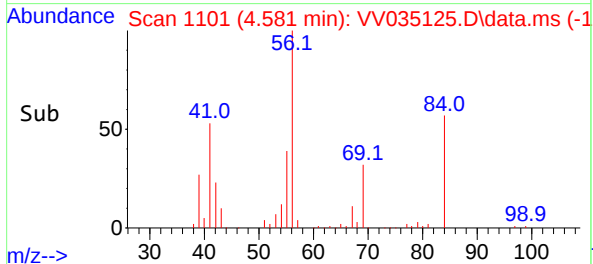
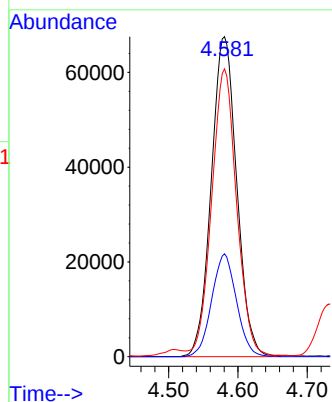


#29
Cyclohexane
Concen: 46.976 ug/L
RT: 4.581 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

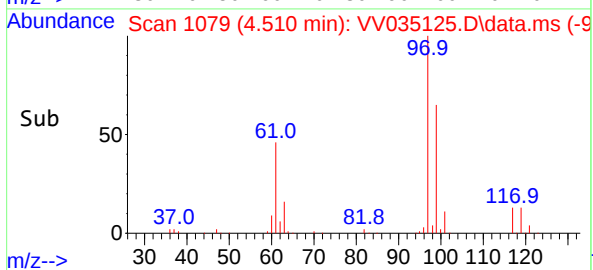
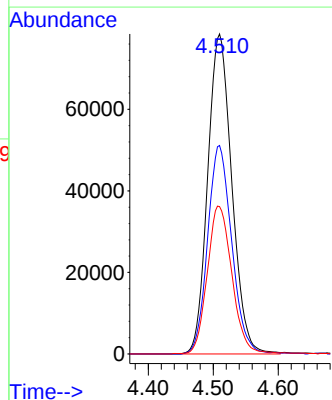
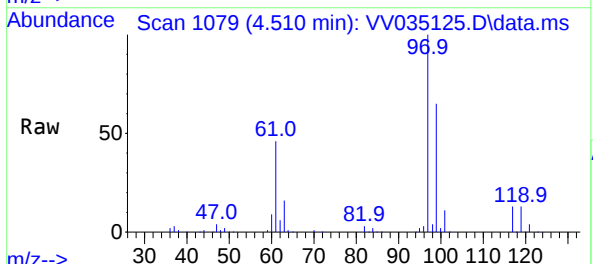


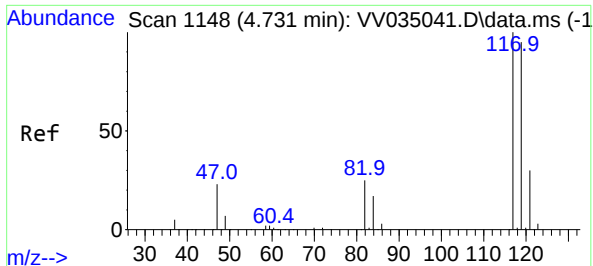
Tgt Ion: 56 Resp: 172605
Ion Ratio Lower Upper
56 100
69 31.2 24.2 36.2
84 86.9 69.8 104.8



#30
1,1,1-Trichloroethane
Concen: 52.978 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

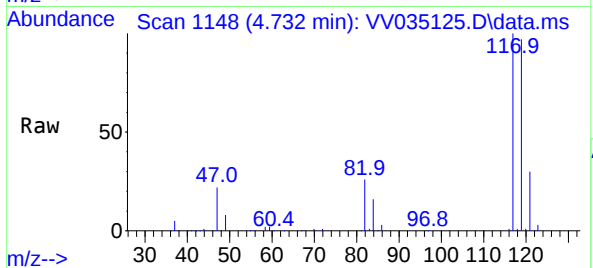
Tgt Ion: 97 Resp: 202587
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 46.6 36.8 55.2



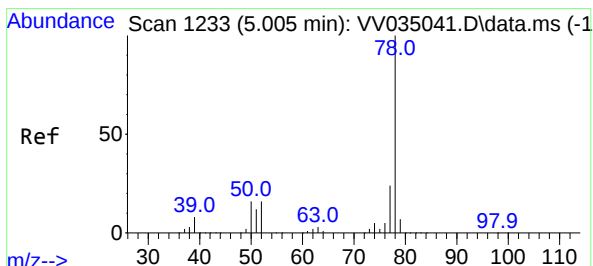
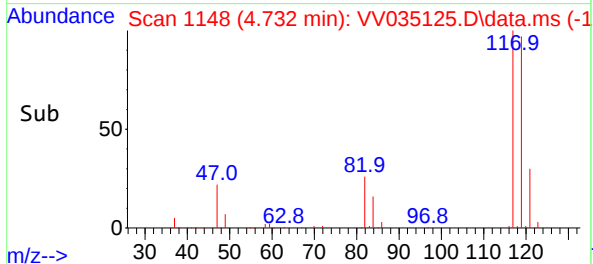
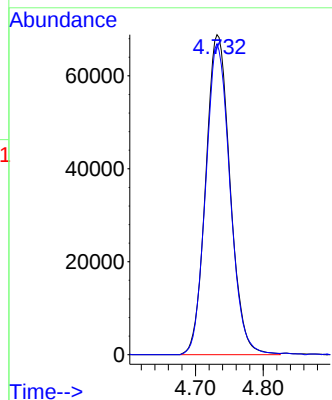


#31
Carbon tetrachloride
Concen: 53.122 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

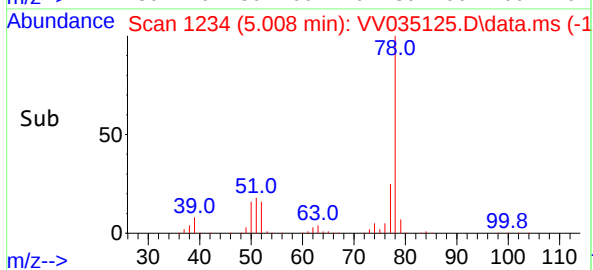
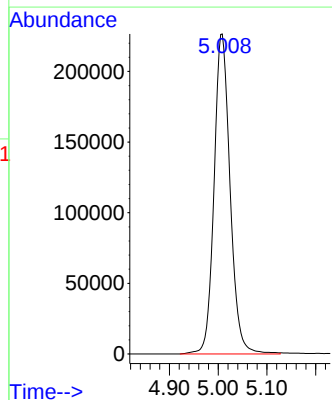
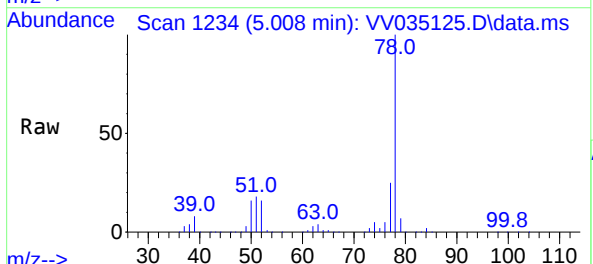


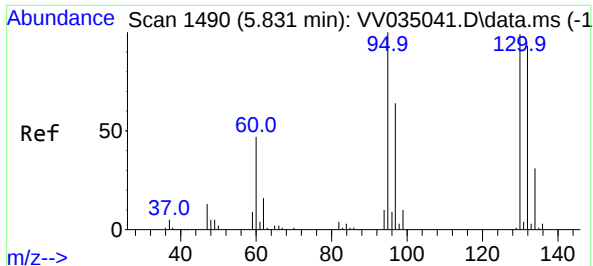
Tgt Ion:117 Resp: 172178
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7



#33
Benzene
Concen: 54.244 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

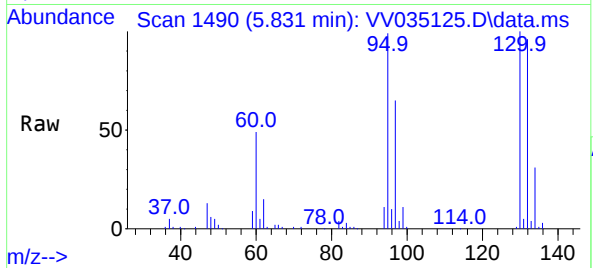
Tgt Ion: 78 Resp: 518905



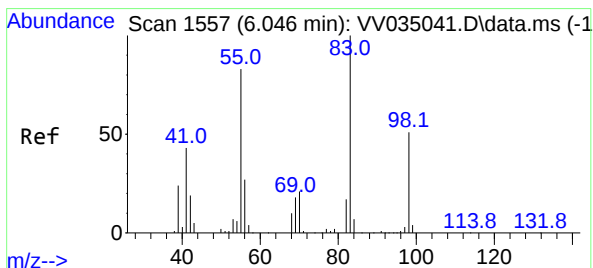
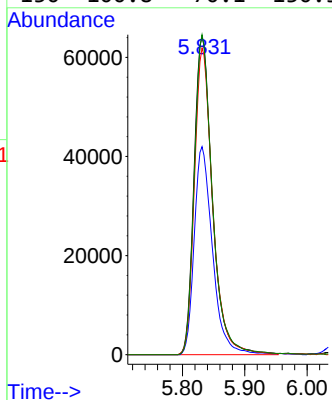


#34
Trichloroethene
Concen: 50.933 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

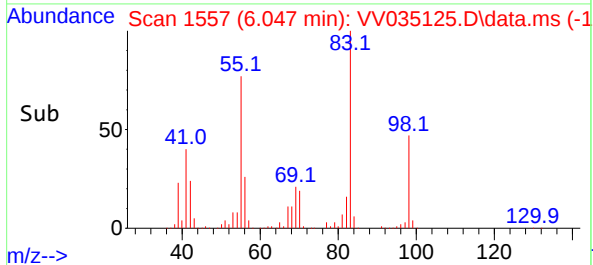
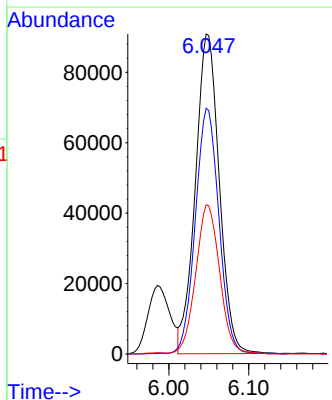
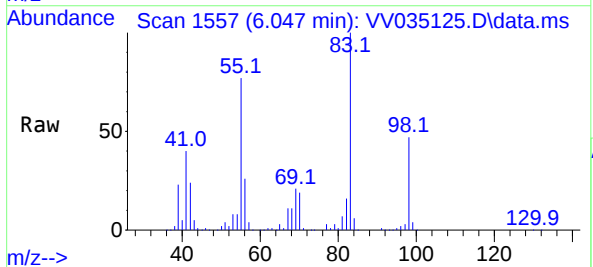


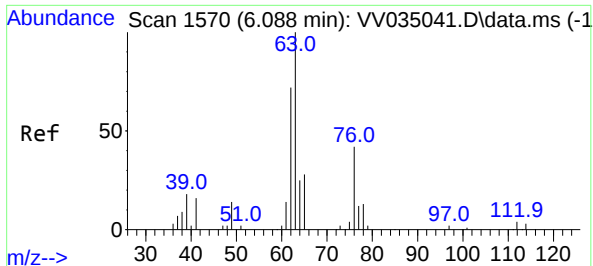
Tgt Ion: 95 Resp: 131493
Ion Ratio Lower Upper
95 100
97 65.5 45.3 84.1
132 96.6 65.3 121.3
130 100.8 70.1 130.3



#35
Methylcyclohexane
Concen: 48.482 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Tgt Ion: 83 Resp: 189030
Ion Ratio Lower Upper
83 100
55 75.7 60.0 90.0
98 46.9 37.6 56.4

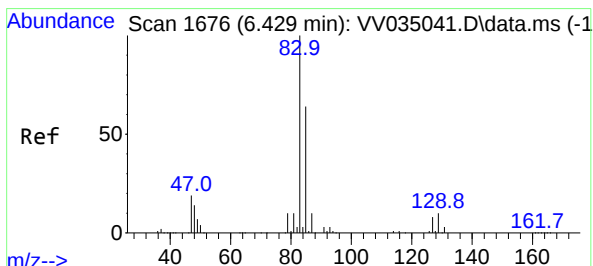
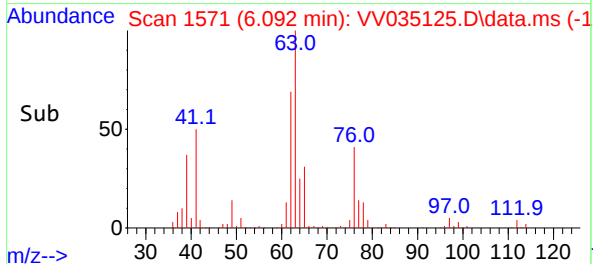
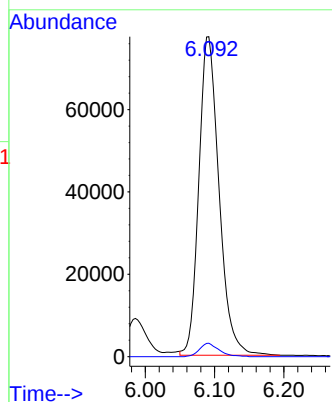
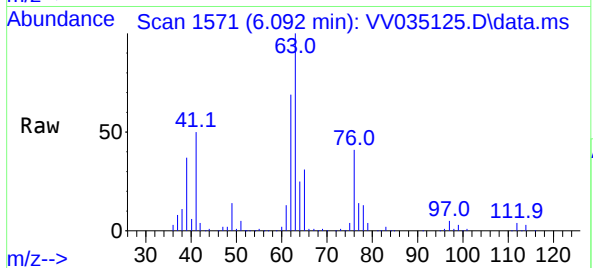




#37
1,2-Dichloropropane
Concen: 59.342 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

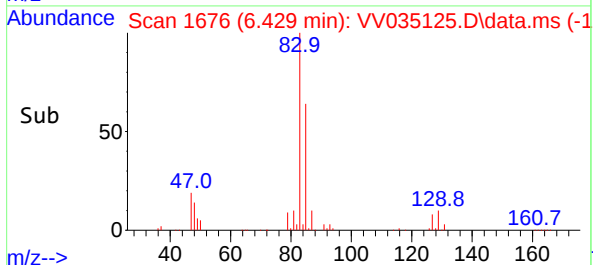
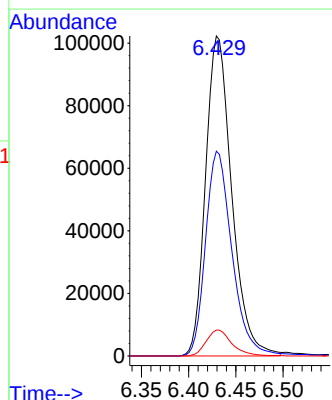
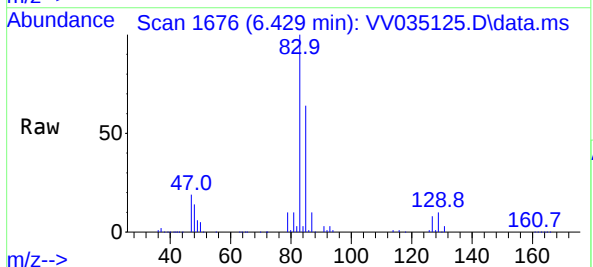
Instrument :
MSVOA_V
ClientSampleId :

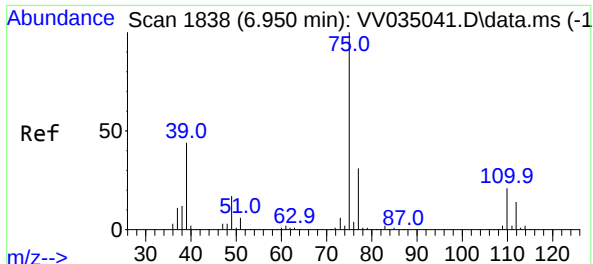
Tgt Ion: 63 Resp: 156879
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 57.765 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Tgt Ion: 83 Resp: 197033
Ion Ratio Lower Upper
83 100
85 64.0 43.7 81.1
127 8.1 6.4 9.6

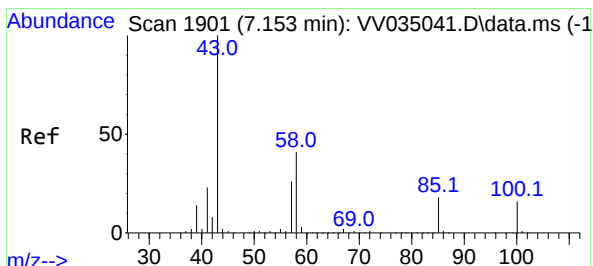
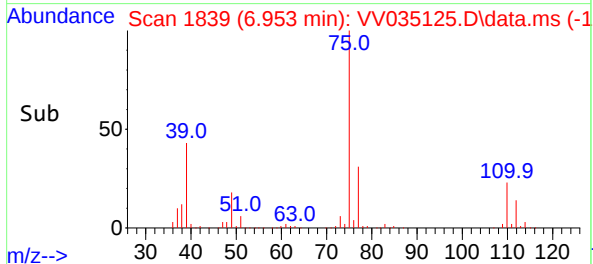
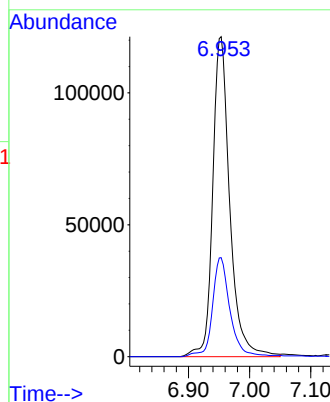
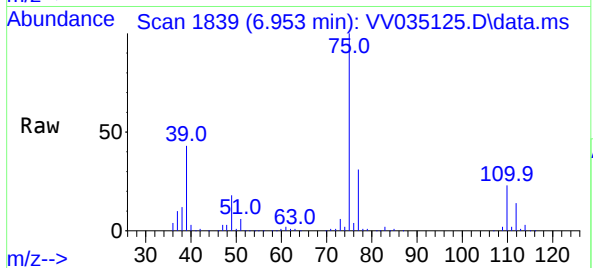




#39
 cis-1,3-Dichloropropene
 Concen: 56.385 ug/L
 RT: 6.953 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV035125.D
 Acq: 11 Apr 2024 12:04

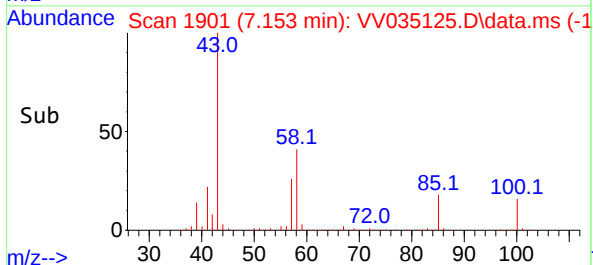
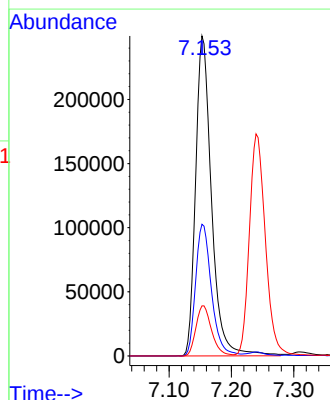
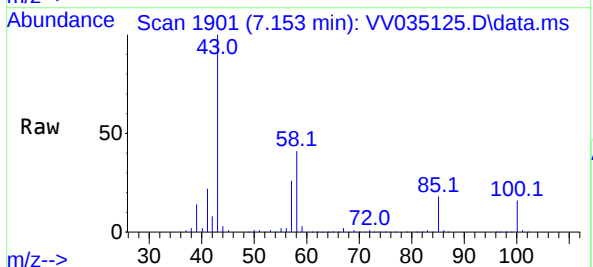
Instrument :
 MSVOA_V
 ClientSampleId :

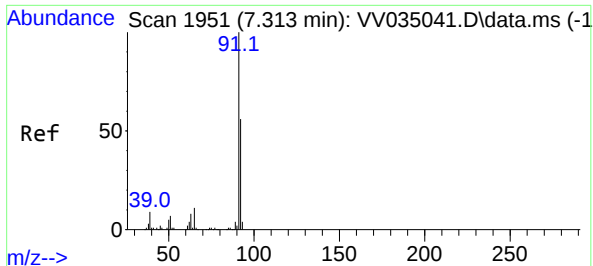
Tgt Ion: 75 Resp: 234818
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 131.087 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV035125.D
 Acq: 11 Apr 2024 12:04

Tgt Ion: 43 Resp: 442459
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.8 50.8
 100 15.5 13.0 19.4





#42

Toluene

Concen: 54.604 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035125.D

Acq: 11 Apr 2024 12:04

Instrument :

MSVOA_V

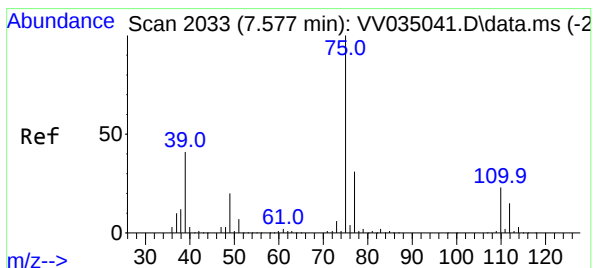
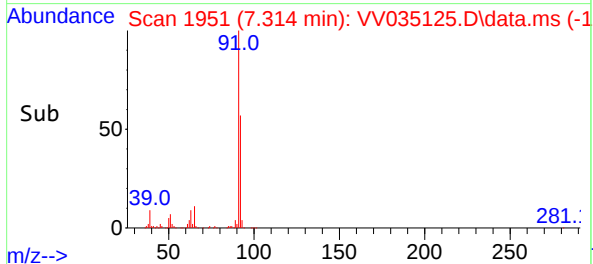
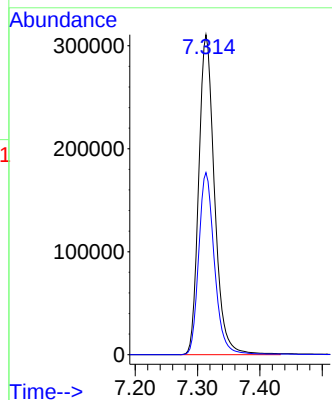
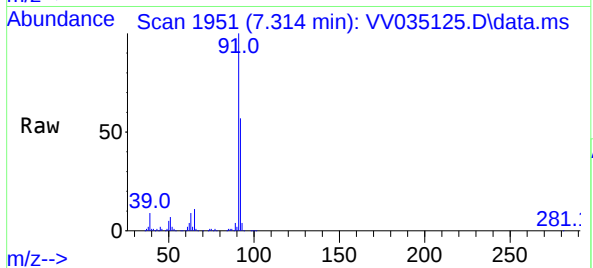
ClientSampleId :

Tgt Ion: 91 Resp: 546864

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 57.878 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035125.D

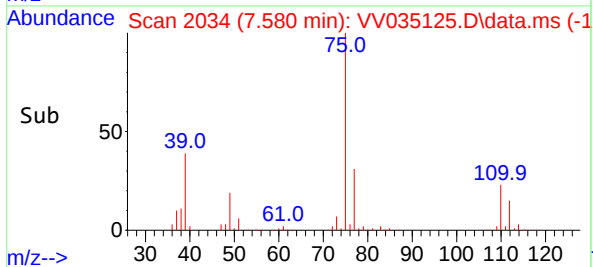
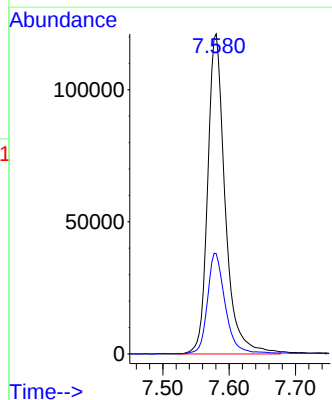
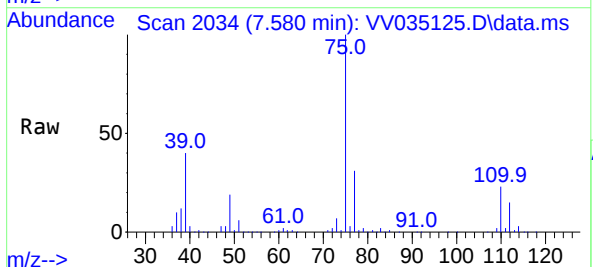
Acq: 11 Apr 2024 12:04

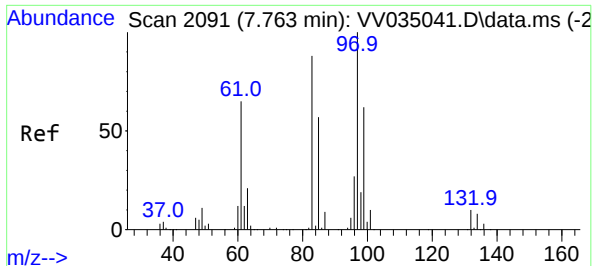
Tgt Ion: 75 Resp: 221446

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3



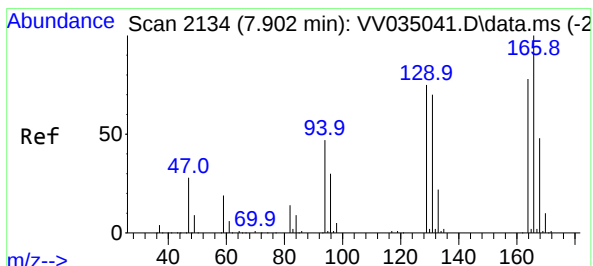
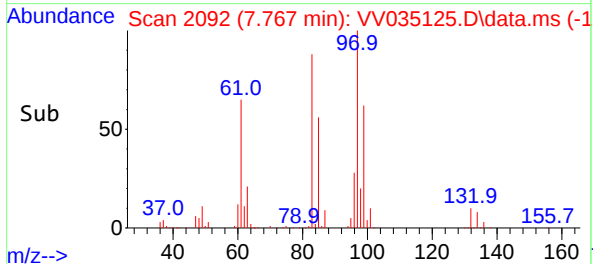
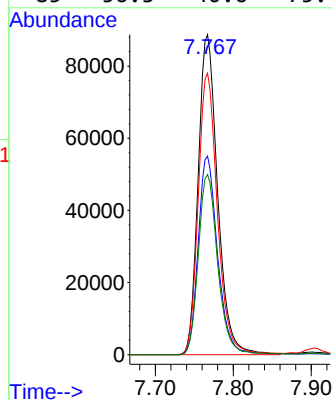
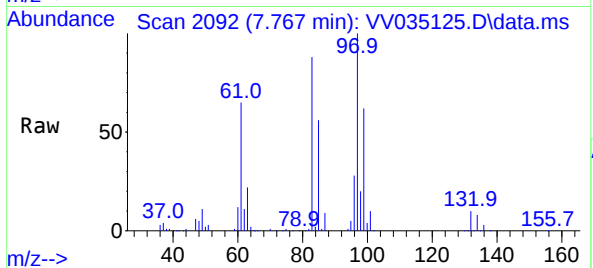


#45
1,1,2-Trichloroethane
Concen: 61.801 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 153993

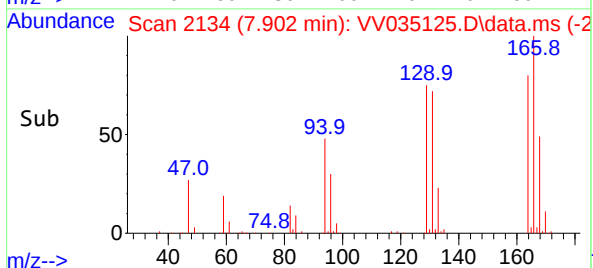
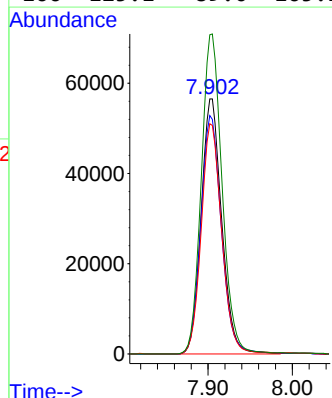
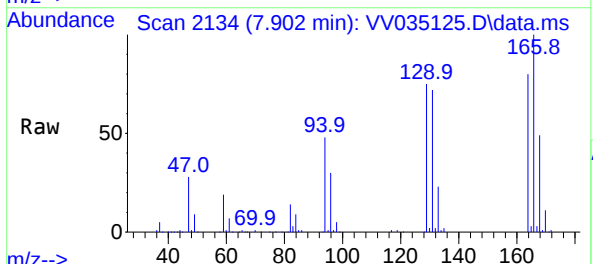
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.3
83	88.0	61.6	114.4
85	56.3	40.6	75.4

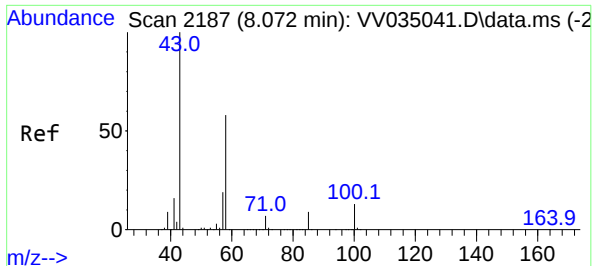


#46
Tetrachloroethene
Concen: 53.334 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Tgt Ion: 164 Resp: 96197

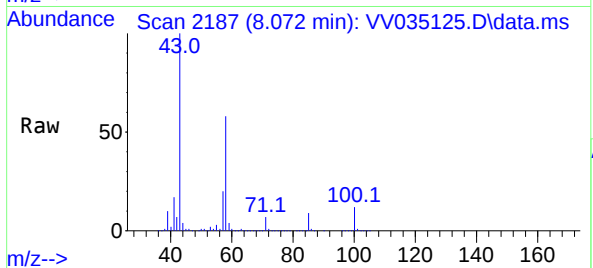
Ion	Ratio	Lower	Upper
164	100		
129	93.4	68.6	127.4
131	90.3	65.7	122.1
166	125.1	89.0	165.2



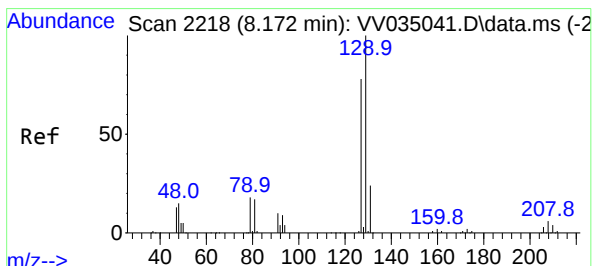
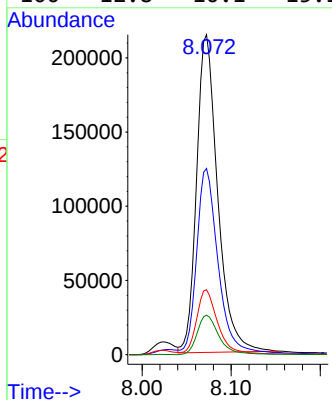
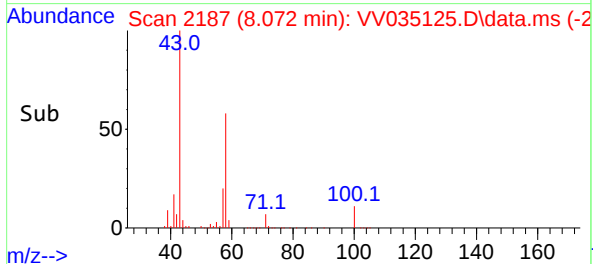


#48
2-Hexanone
Concen: 123.080 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

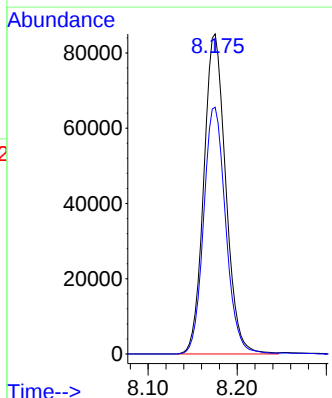
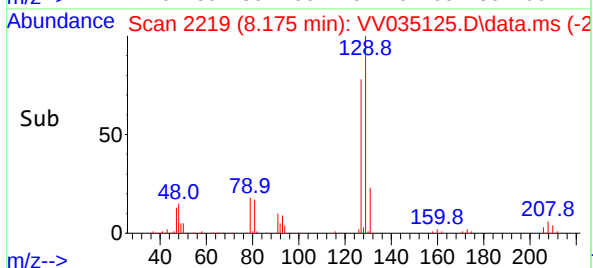
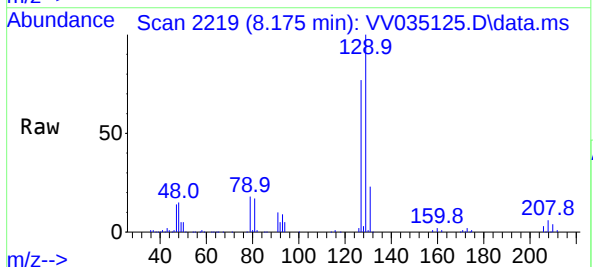


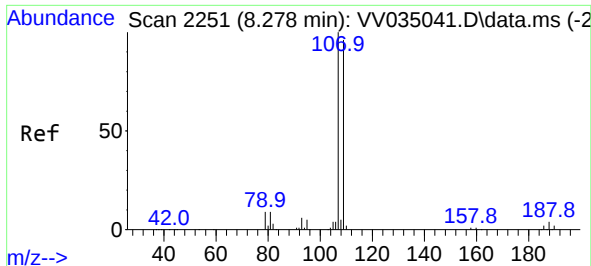
Tgt Ion: 43 Resp: 353329
Ion Ratio Lower Upper
43 100
58 59.2 45.4 68.2
57 20.1 16.2 24.4
100 12.8 10.1 15.1



#49
Dibromochloromethane
Concen: 58.989 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

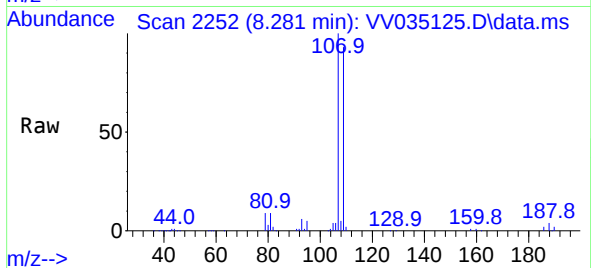
Tgt Ion: 129 Resp: 145579
Ion Ratio Lower Upper
129 100
127 77.1 54.1 100.5



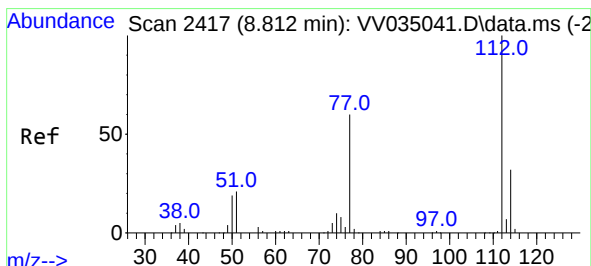
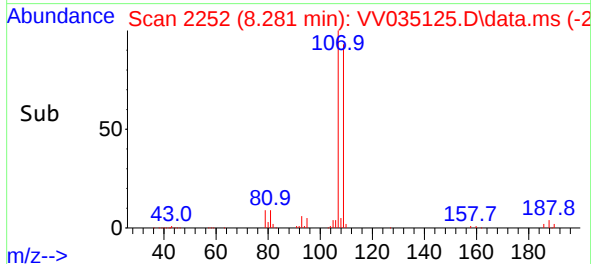
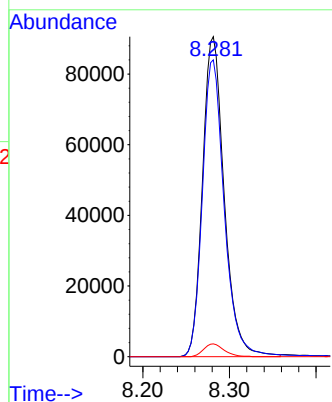


#50
1,2-Dibromoethane
Concen: 58.668 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

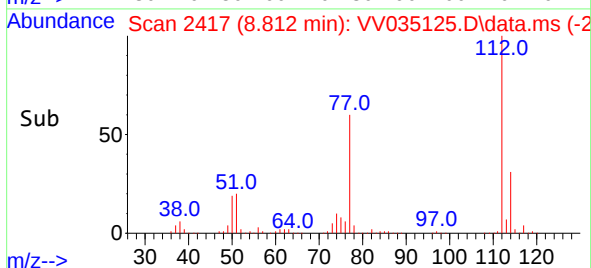
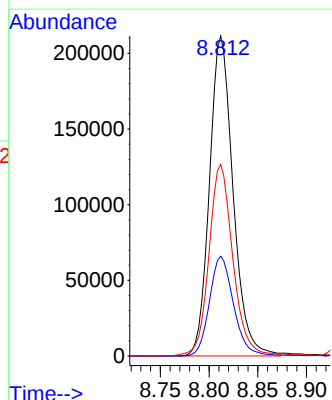
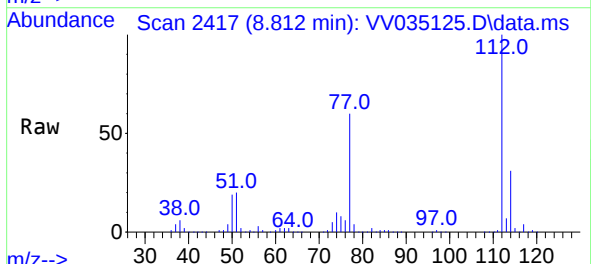


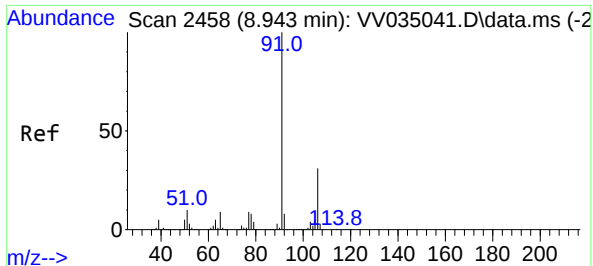
Tgt Ion:107 Resp: 157386
Ion Ratio Lower Upper
107 100
109 92.7 64.5 119.9
188 4.0 2.8 4.2



#51
Chlorobenzene
Concen: 54.867 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Tgt Ion:112 Resp: 356140
Ion Ratio Lower Upper
112 100
114 31.2 22.0 41.0
77 59.9 47.4 71.2

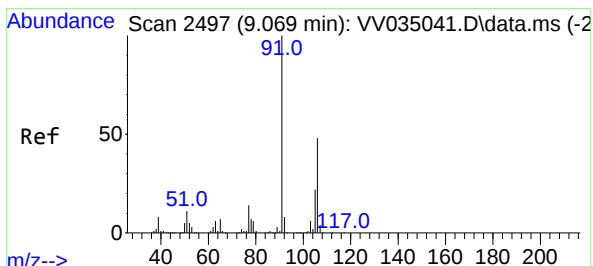
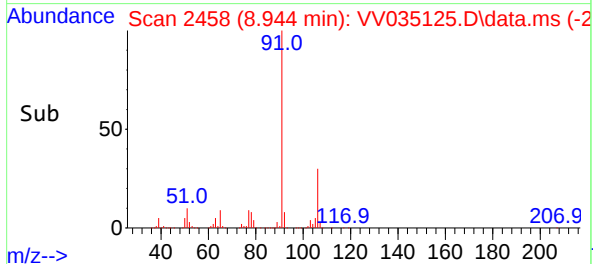
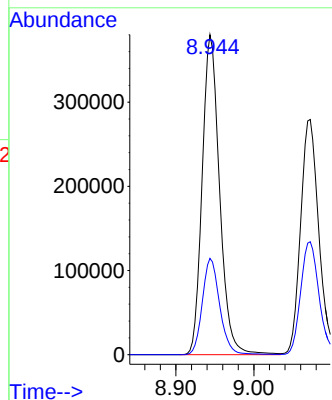
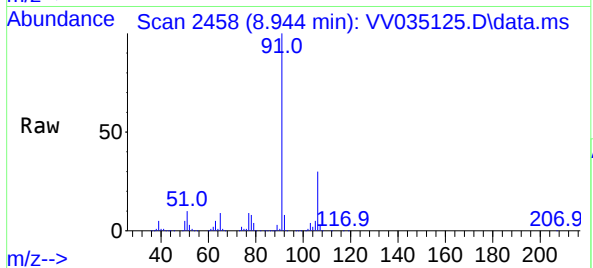




#52
Ethylbenzene
Concen: 53.236 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

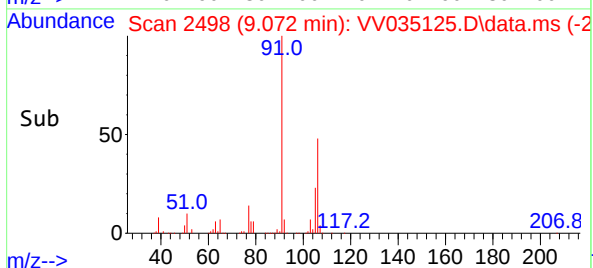
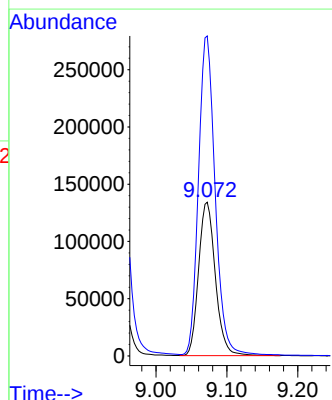
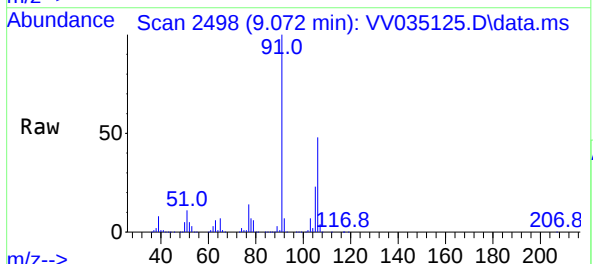
Instrument :
MSVOA_V
ClientSampleId :

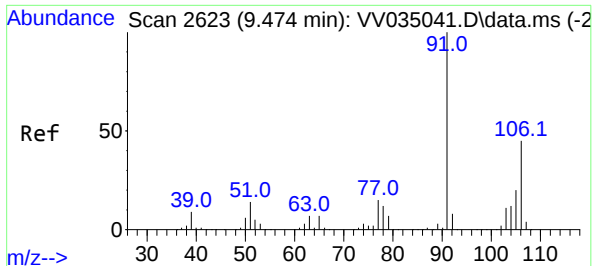
Tgt Ion: 91 Resp: 590900
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



#53
m,p-Xylene
Concen: 53.729 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Tgt Ion: 106 Resp: 219622
Ion Ratio Lower Upper
106 100
91 208.2 144.8 269.0





#54

o-Xylene

Concen: 54.704 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV035125.D

Acq: 11 Apr 2024 12:04

Instrument :

MSVOA_V

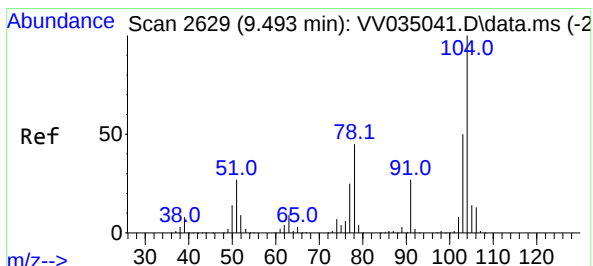
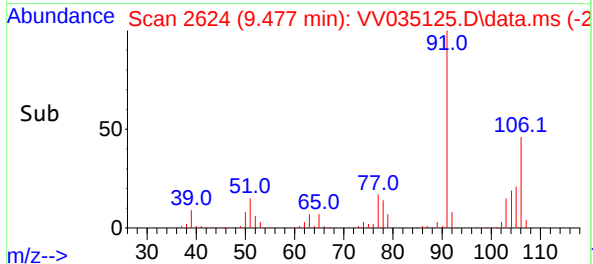
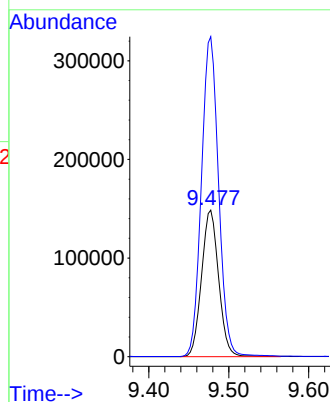
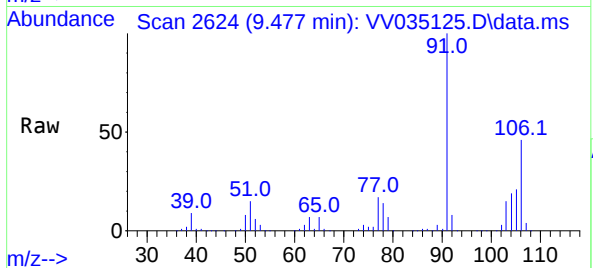
ClientSampleId :

Tgt Ion:106 Resp: 221248

Ion Ratio Lower Upper

106 100

91 218.4 151.3 280.9



#55

Styrene

Concen: 57.610 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV035125.D

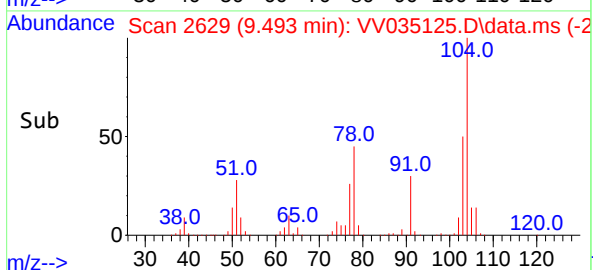
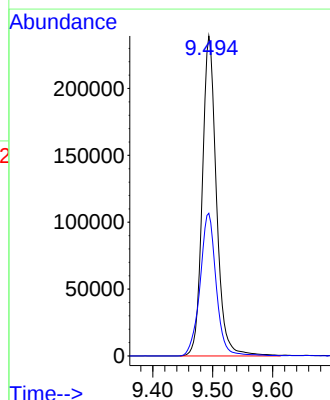
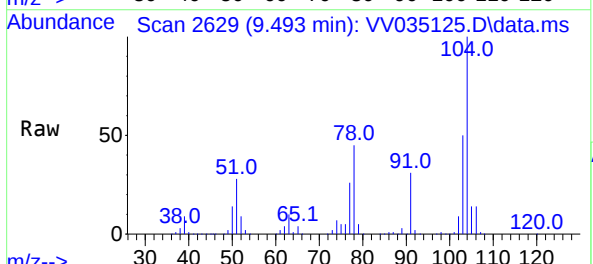
Acq: 11 Apr 2024 12:04

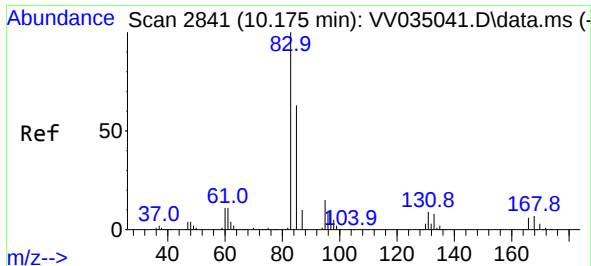
Tgt Ion:104 Resp: 393745

Ion Ratio Lower Upper

104 100

78 44.6 31.5 58.5

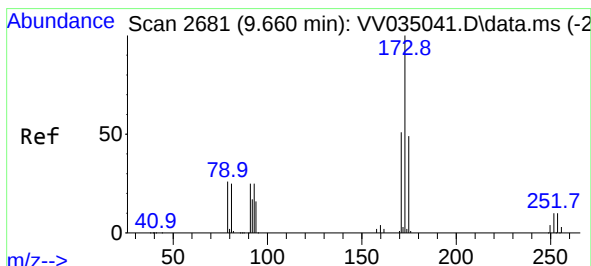
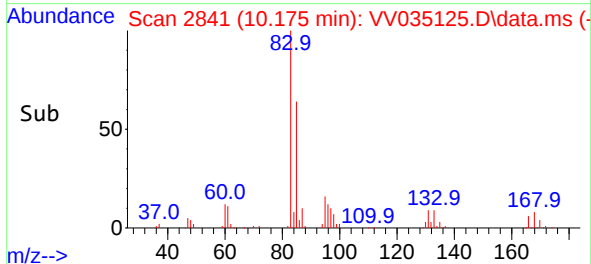
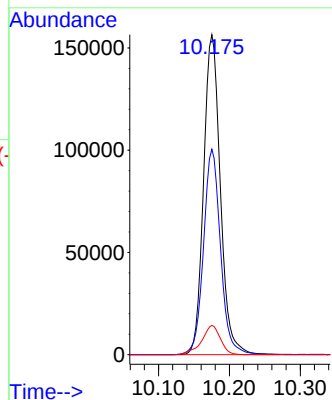
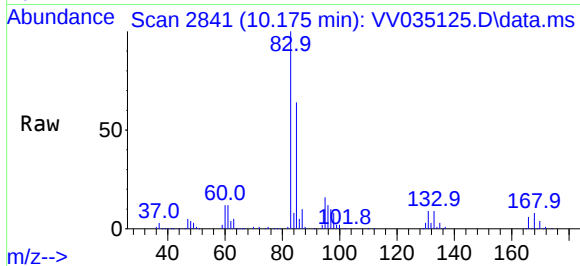




#57
1,1,2-Tetrachloroethane
Concen: 63.690 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

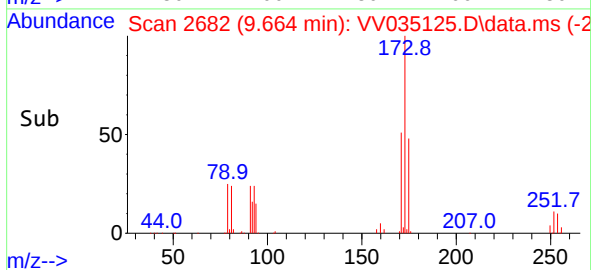
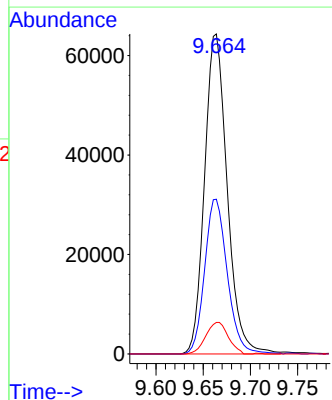
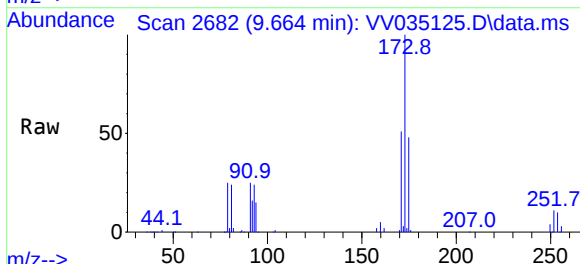
Instrument :
MSVOA_V
ClientSampleId :

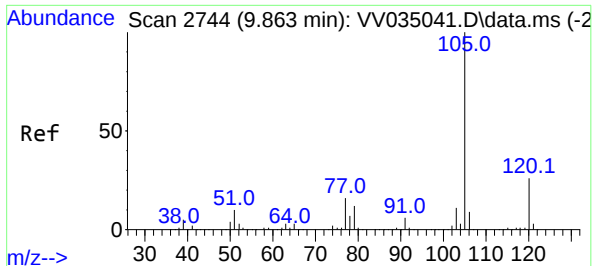
Tgt Ion: 83 Resp: 257130
Ion Ratio Lower Upper
83 100
85 64.2 44.5 82.7
131 9.2 6.9 10.3



#59
Bromoform
Concen: 60.774 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

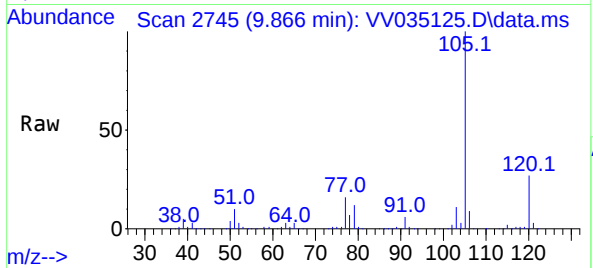
Tgt Ion: 173 Resp: 107202
Ion Ratio Lower Upper
173 100
175 48.3 39.3 58.9
254 9.8 7.5 11.3



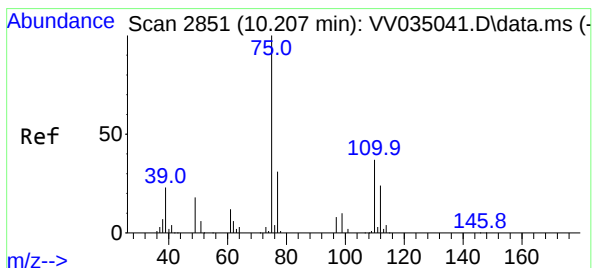
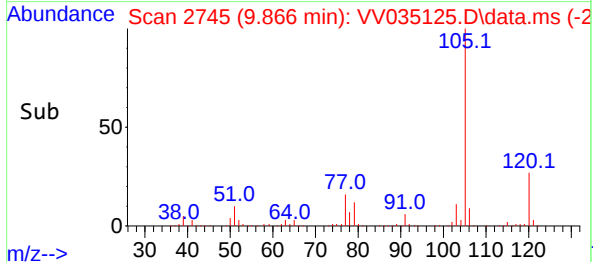
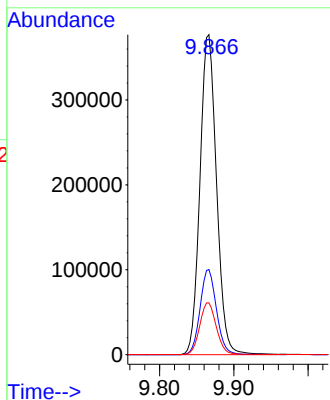


#60
Isopropylbenzene
Concen: 52.676 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

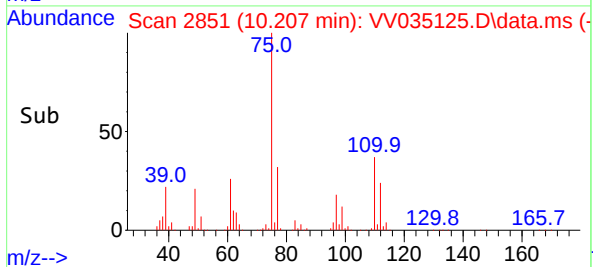
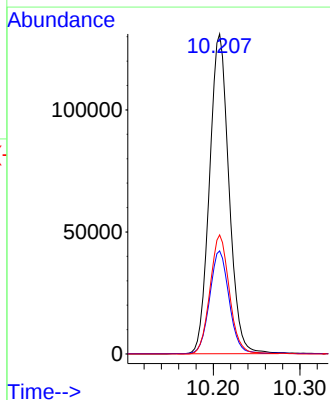
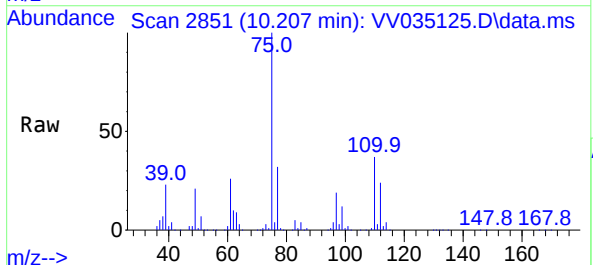


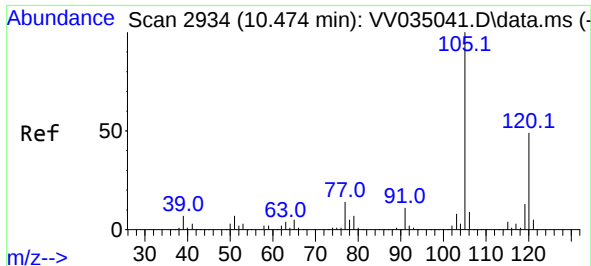
Tgt Ion:105 Resp: 584530
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 16.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 61.225 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Tgt Ion: 75 Resp: 204211
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 37.1 30.5 45.7

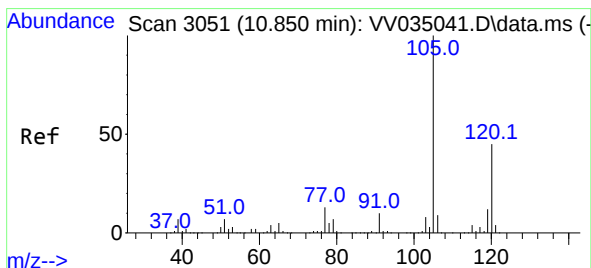
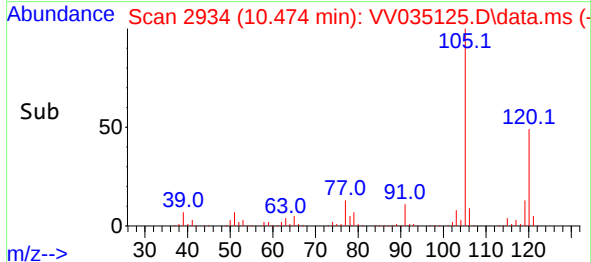
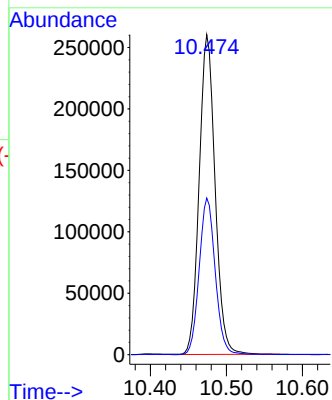
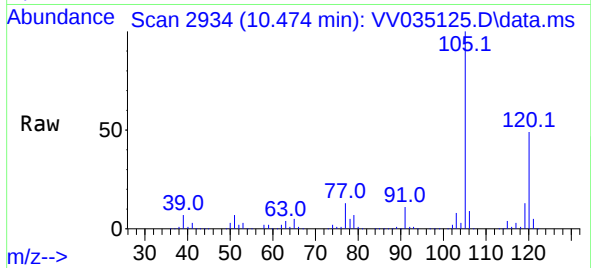




#62
1,3,5-Trimethylbenzene
Concen: 52.439 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

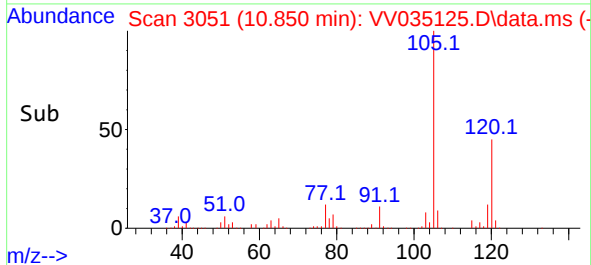
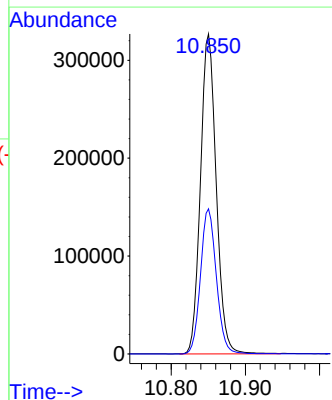
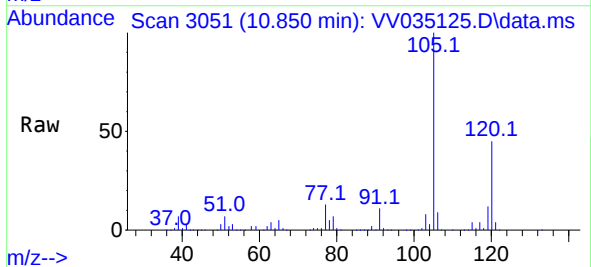
Instrument :
MSVOA_V
ClientSampleId :

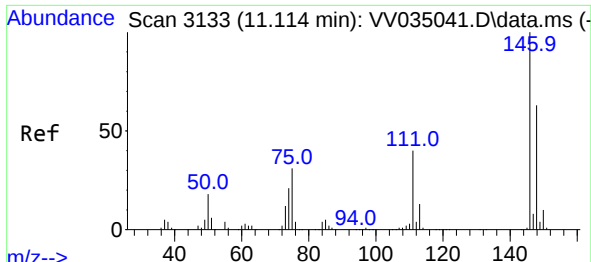
Tgt Ion:105 Resp: 377915
Ion Ratio Lower Upper
105 100
120 49.3 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 54.135 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

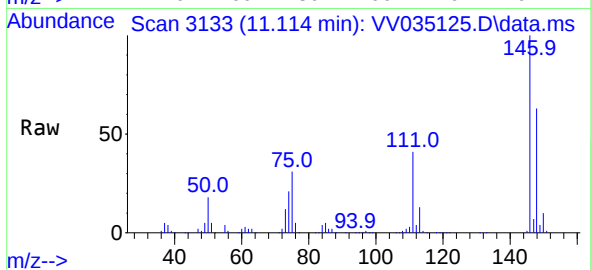
Tgt Ion:105 Resp: 482353
Ion Ratio Lower Upper
105 100
120 45.6 35.9 53.9



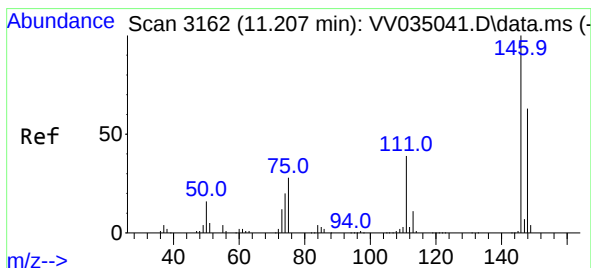
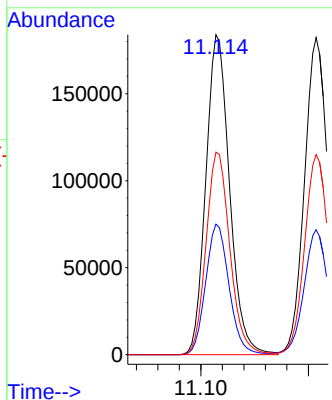
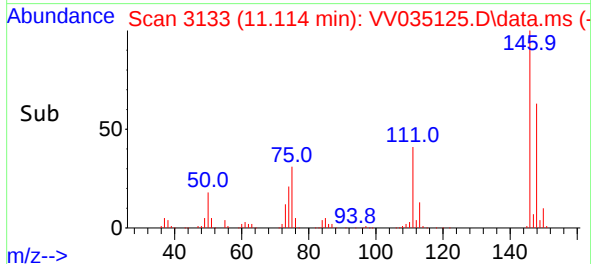


#64
1,3-Dichlorobenzene
Concen: 54.297 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

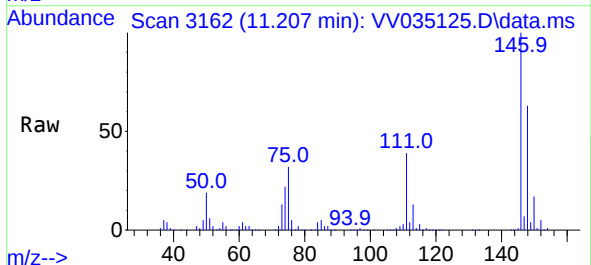
Instrument :
MSVOA_V
ClientSampleId :



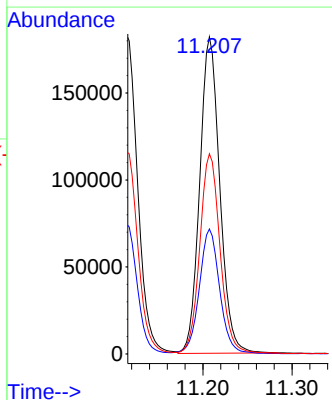
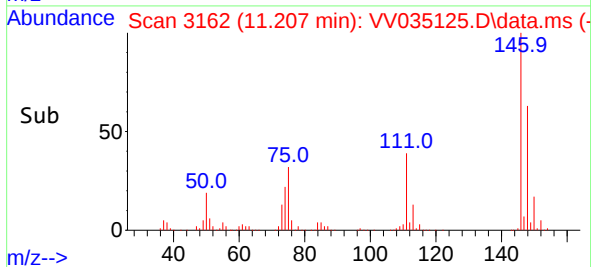
Tgt Ion:146 Resp: 281568
Ion Ratio Lower Upper
146 100
111 40.8 28.7 53.3
148 63.3 44.0 81.8

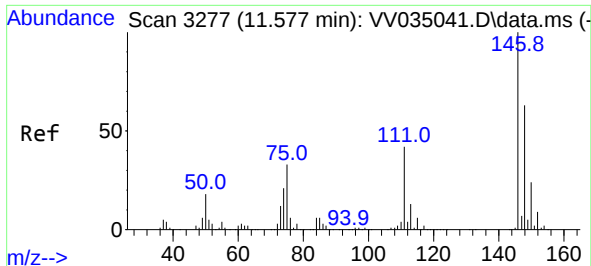


#65
1,4-Dichlorobenzene
Concen: 53.901 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04



Tgt Ion:146 Resp: 284242
Ion Ratio Lower Upper
146 100
111 39.4 27.4 50.8
148 63.1 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 57.253 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035125.D

Acq: 11 Apr 2024 12:04

Instrument :

MSVOA_V

ClientSampleId :

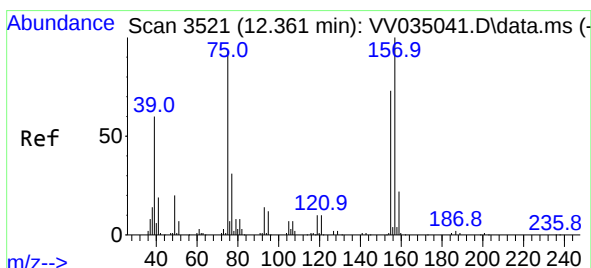
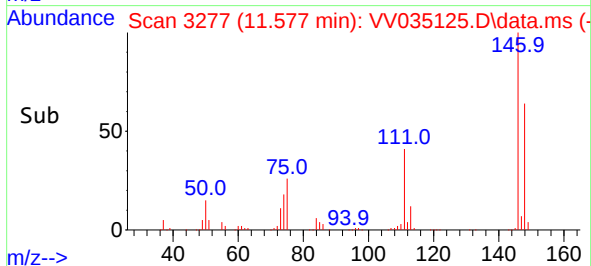
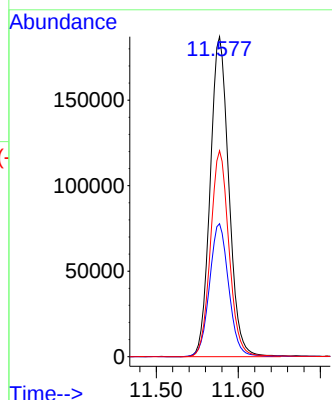
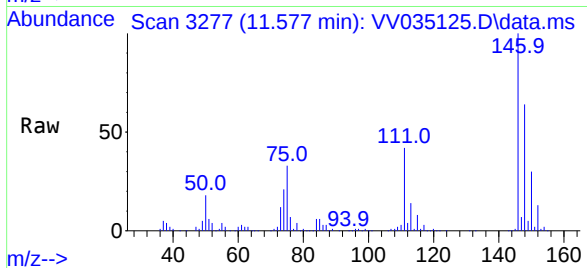
Tgt Ion:146 Resp: 295760

Ion Ratio Lower Upper

146 100

111 41.6 34.6 52.0

148 64.4 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 60.727 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035125.D

Acq: 11 Apr 2024 12:04

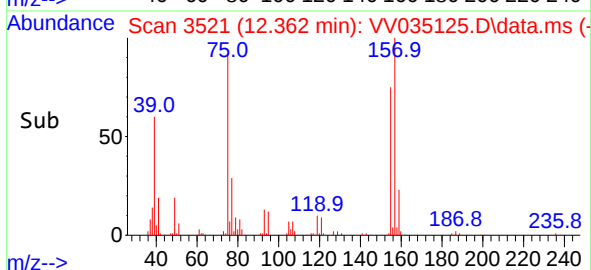
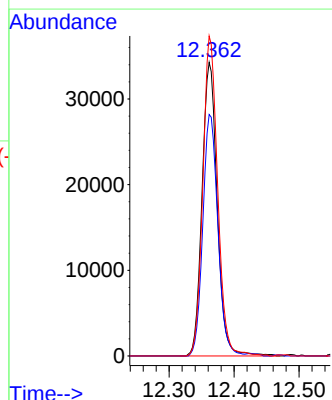
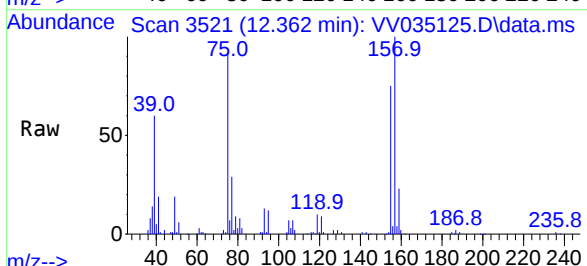
Tgt Ion: 75 Resp: 55803

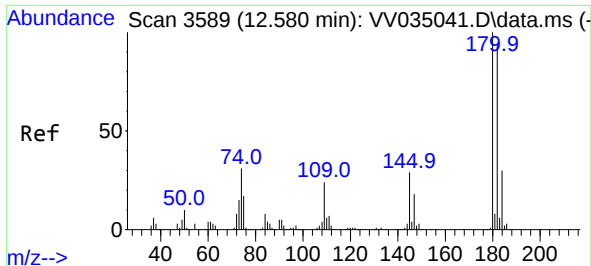
Ion Ratio Lower Upper

75 100

155 82.3 63.0 94.6

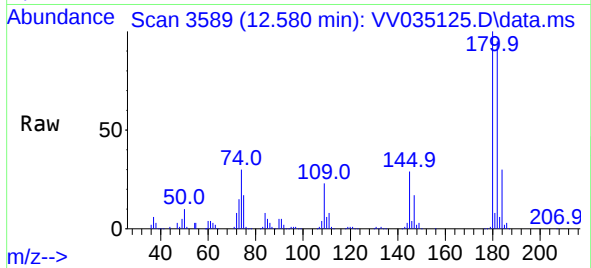
157 109.0 81.0 121.4



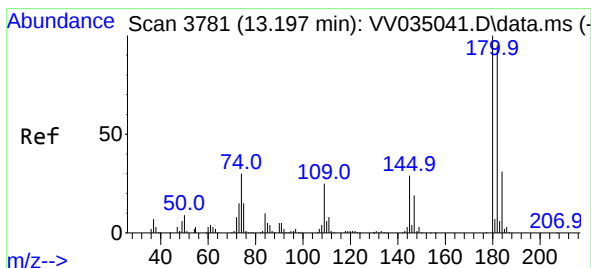
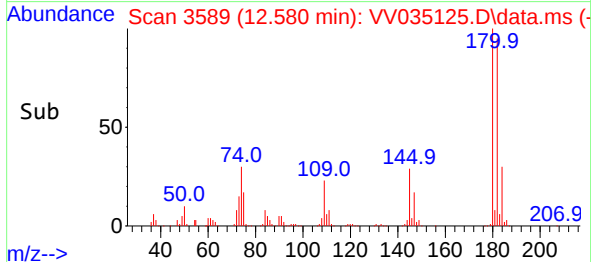
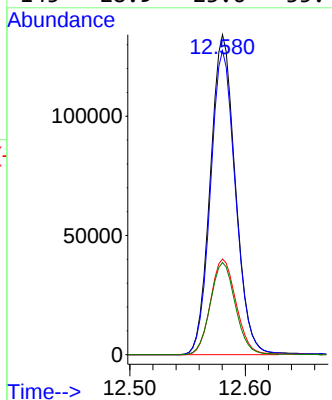


#69
1,3,5-Trichlorobenzene
Concen: 54.022 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :

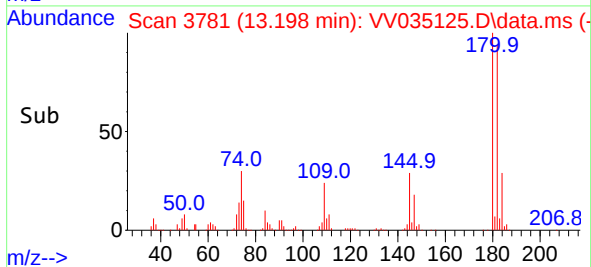
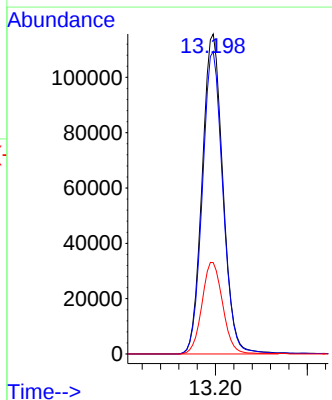
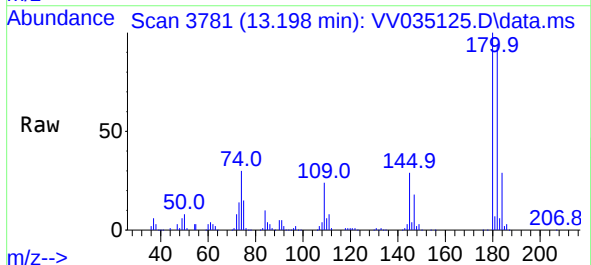


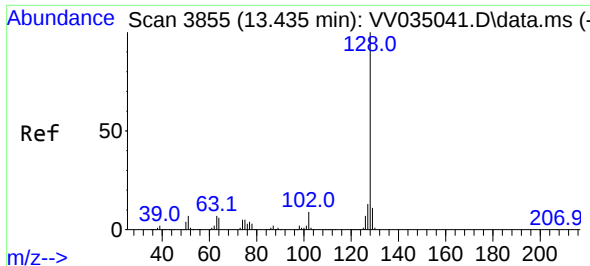
Tgt Ion:180 Resp: 201898
Ion Ratio Lower Upper
180 100
182 95.2 74.7 112.1
184 30.6 24.0 36.0
145 28.9 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 52.840 ug/L
RT: 13.198 min Scan# 3781
Delta R.T. 0.003 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

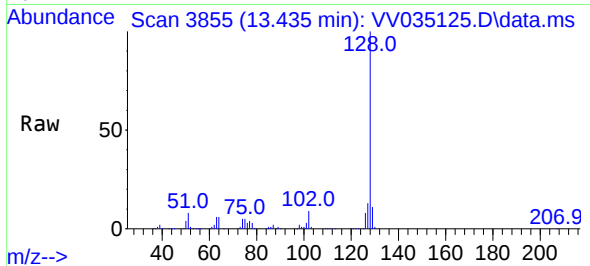
Tgt Ion:180 Resp: 181399
Ion Ratio Lower Upper
180 100
182 93.9 75.6 113.4
145 28.6 24.1 36.1



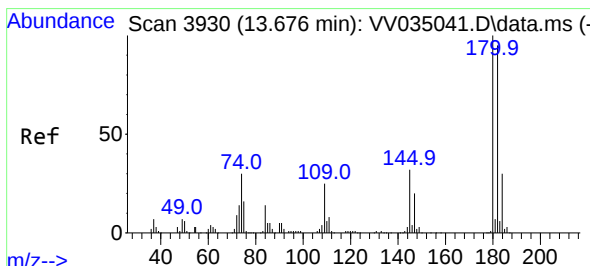
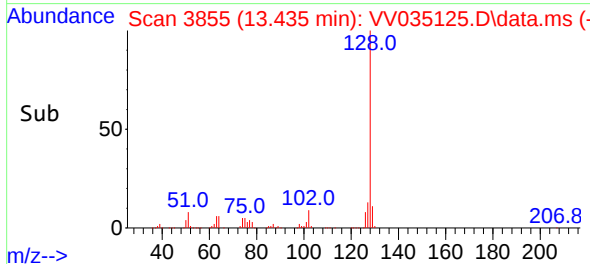
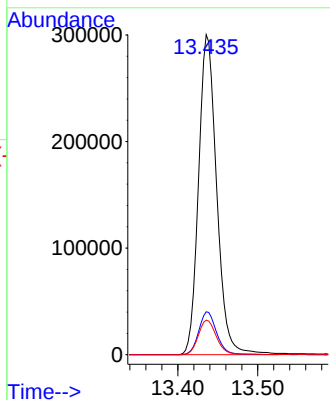


#71
Naphthalene
Concen: 49.769 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 474026
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 56.131 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035125.D
Acq: 11 Apr 2024 12:04

Tgt Ion:180 Resp: 189948
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.2
145 31.3 25.8 38.6

