

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037463.D
 Acq On : 21 Sep 2024 04:32
 Operator : SY/MD
 Sample : P4130-05MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:56:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	345659	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	352838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	182027	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	90222	4.449	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.529	69	81681	3.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.053	65	41972	4.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	3.796	46	280986	46.364	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	4.243	84	212996	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	4.940	65	100583	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	4.953	84	402121	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.985	67	151948	5.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.236	98	377113	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.551	79	43611	4.506	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.021	63	253706	53.659	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.320%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	110447	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	145557	4.498	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	147276	4.587	ug/L	99
3) Chloromethane	1.214	50	145021	4.233	ug/L	100
5) Vinyl chloride	1.281	62	153699	4.565	ug/L	97
6) Bromomethane	1.484	94	74379	3.682	ug/L	99
8) Chloroethane	1.545	64	101358	5.006	ug/L	96
9) Trichlorofluoromethane	1.709	101	205142	4.898	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	119147	4.697	ug/L	97
12) 1,1-Dichloroethene	2.066	96	115424	4.765	ug/L	95
13) Acetone	2.127	43	229278	54.334	ug/L	97
14) Carbon disulfide	2.236	76	352485	4.615	ug/L	99
15) Methyl Acetate	2.432	43	3707210	383.571	ug/L #	49
16) Methylene chloride	2.442	84	147693	5.304	ug/L #	55
17) Methyl tert-butyl Ether	2.699	73	397316	6.900	ug/L #	81
18) trans-1,2-Dichloroethene	2.690	96	129785	5.092	ug/L	95
19) 1,1-Dichloroethane	3.104	63	239211	4.915	ug/L	99
21) 2-Butanone	3.876	43	288980	45.058	ug/L	94
22) cis-1,2-Dichloroethene	3.809	96	144457	5.243	ug/L	95
23) Bromochloromethane	4.143	128	62253	5.217	ug/L	95
25) Chloroform	4.268	83	254388	5.189	ug/L	89

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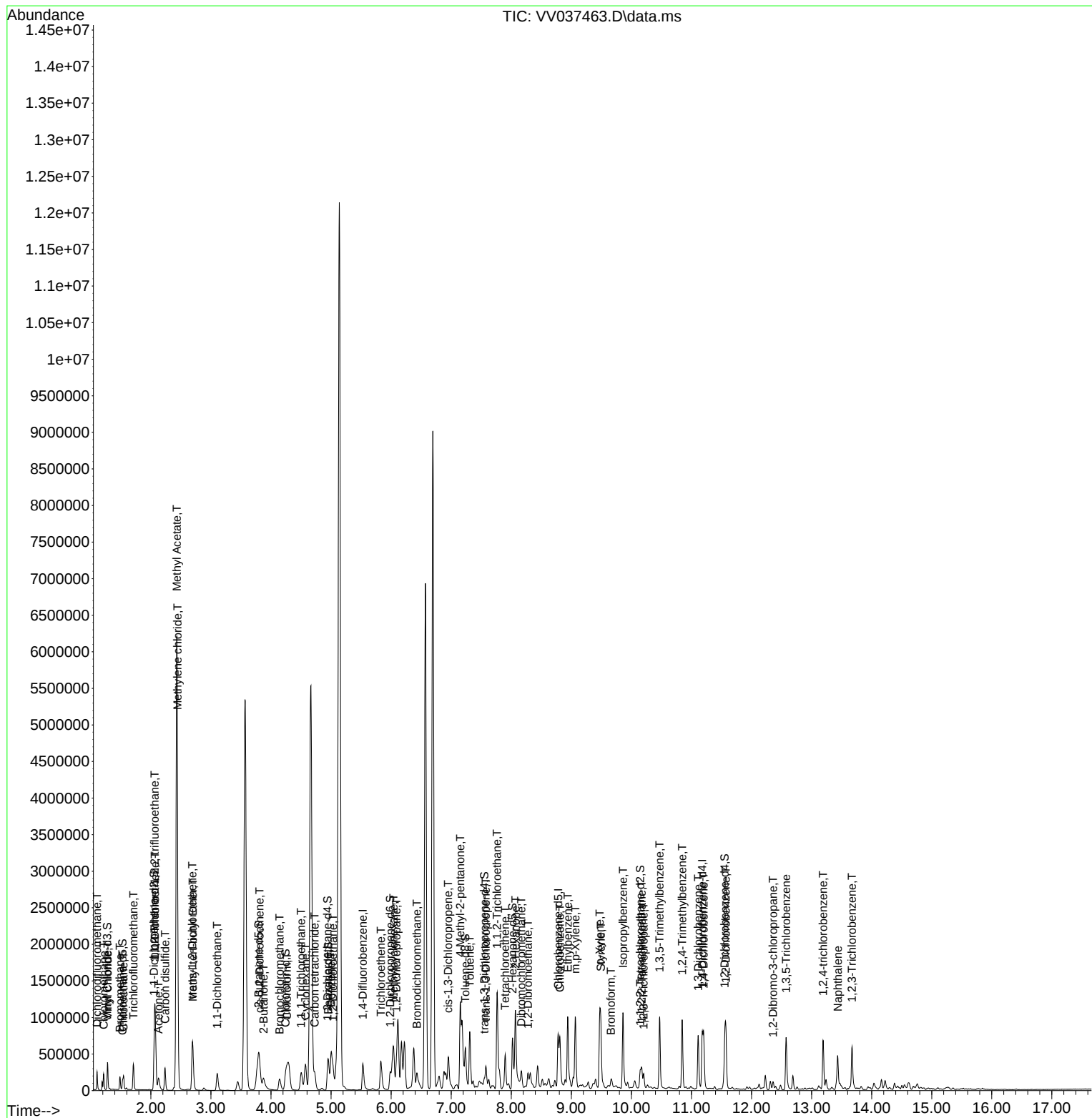
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 ClientSampleId :

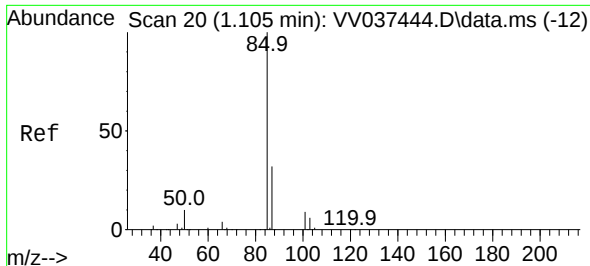
Quant Time: Sep 21 04:56:51 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	223540	8.058	ug/L	96
29) 1,1,1-Trichloroethane	4.503	97	207701	4.964	ug/L	97
30) Cyclohexane	4.574	56	196501	4.841	ug/L	98
31) Carbon tetrachloride	4.725	117	176381	4.953	ug/L	98
33) Benzene	5.002	78	529466	4.980	ug/L	100
34) Trichloroethene	5.828	95	139878	4.883	ug/L	99
35) Methylcyclohexane	6.040	83	307472	7.060	ug/L #	91
37) 1,2-Dichloropropane	6.088	63	132284	4.891	ug/L #	26
38) Bromodichloromethane	6.429	83	217461	6.422	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	181877	4.642	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	901666	58.228	ug/L	97
42) Toluene	7.310	91	566030	5.118	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	139548	4.414	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	102811	5.311	ug/L	95
47) Tetrachloroethene	7.899	164	104716	5.107	ug/L	98
48) 2-Hexanone	8.072	43	585803	51.758	ug/L	98
49) Dibromochloromethane	8.169	129	97136	4.789	ug/L	99
50) 1,2-Dibromoethane	8.278	107	102063	5.580	ug/L	96
51) Chlorobenzene	8.808	112	376455	5.112	ug/L	100
52) Ethylbenzene	8.940	91	647876	5.249	ug/L	99
53) m,p-Xylene	9.069	106	245844	5.414	ug/L	97
54) o-Xylene	9.474	106	243480	5.416	ug/L	93
55) Styrene	9.490	104	410906	5.391	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	126111	5.392	ug/L	98
59) Bromoform	9.660	173	43933	4.126	ug/L	100
60) Isopropylbenzene	9.860	105	650892	5.342	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	84891	5.125	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	531154	5.498	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	527737	5.438	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	298890	5.189	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	301865	5.111	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	277616	5.199	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.358	75	17869	5.202	ug/L	90
69) 1,3,5-Trichlorobenzene	12.577	180	216549	5.272	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	192675	5.699	ug/L	98
71) Naphthalene	13.435	128	351797	6.808	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.673	180	169549	6.060	ug/L #	92

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

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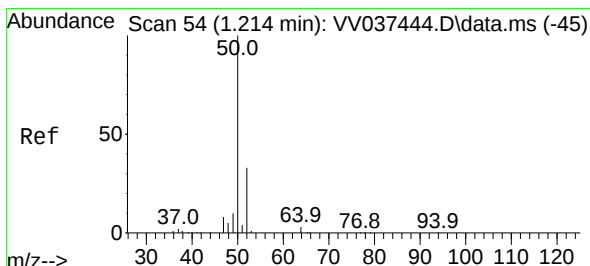
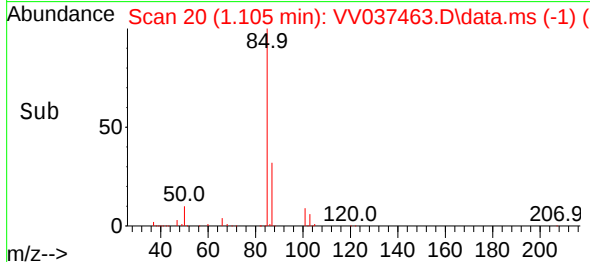
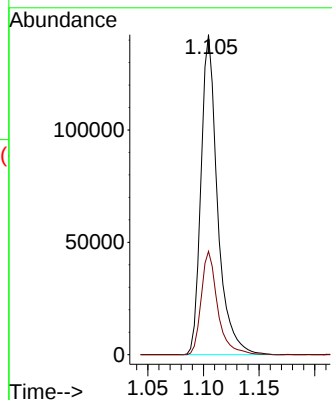
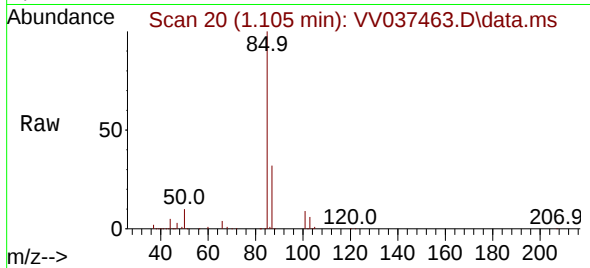




#2
Dichlorodifluoromethane
Concen: 4.587 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

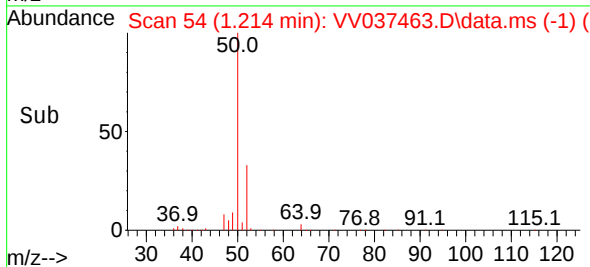
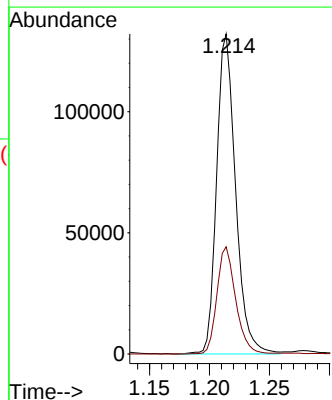
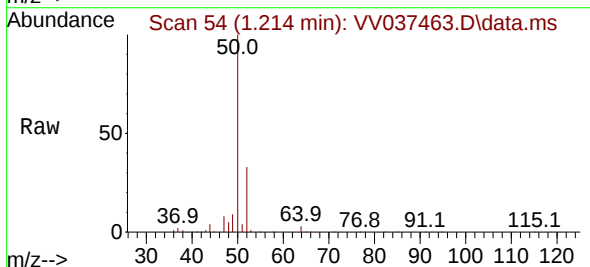
Instrument :
MSVOA_V
ClientSampleId :

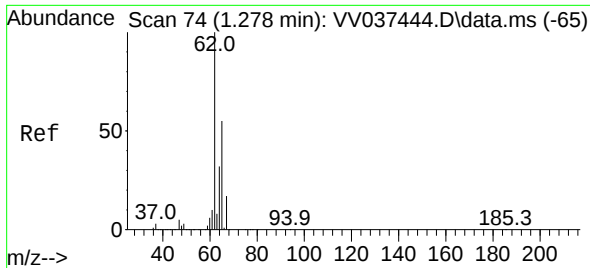
Tgt Ion: 85 Resp: 147276
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.8



#3
Chloromethane
Concen: 4.233 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

Tgt Ion: 50 Resp: 145021
Ion Ratio Lower Upper
50 100
52 33.5 23.3 43.3

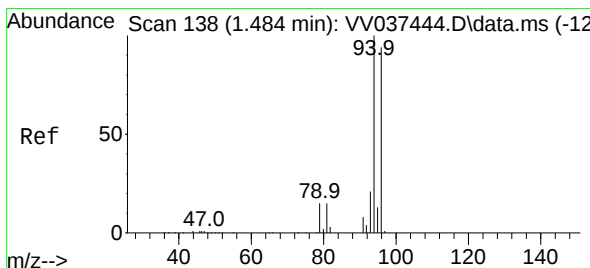
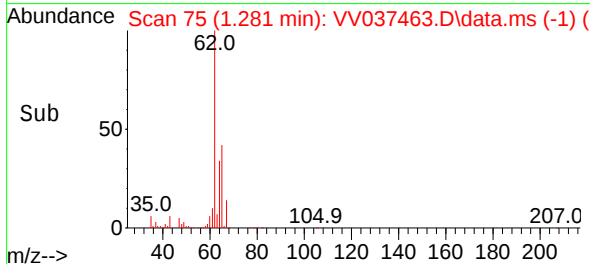
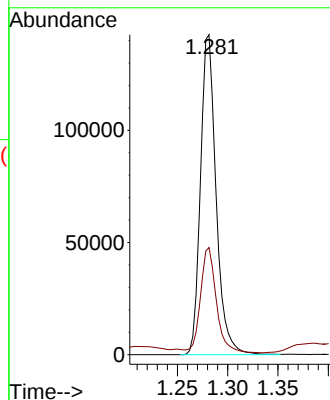
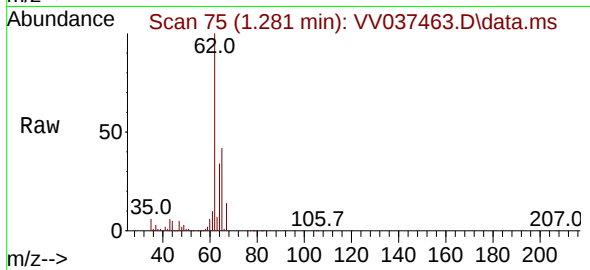




#5
 Vinyl chloride
 Concen: 4.565 ug/L
 RT: 1.281 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV037463.D
 Acq: 21 Sep 2024 04:32

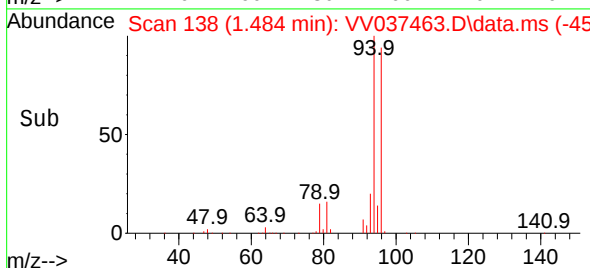
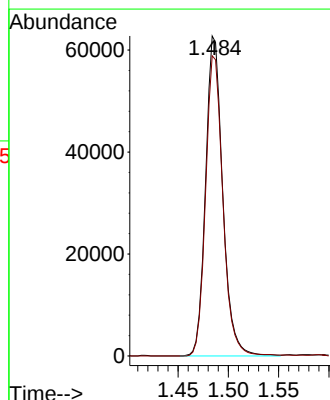
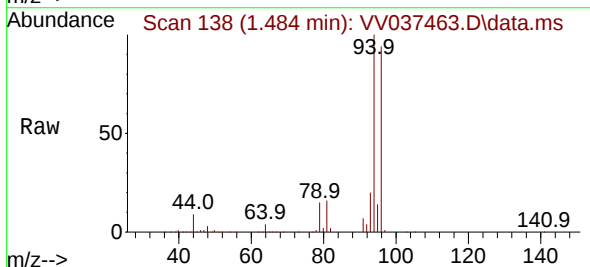
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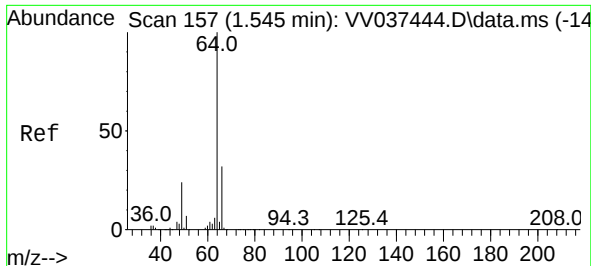
Tgt Ion: 62 Resp: 153699
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.4 41.6



#6
 Bromomethane
 Concen: 3.682 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV037463.D
 Acq: 21 Sep 2024 04:32

Tgt Ion: 94 Resp: 74379
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.3 121.3

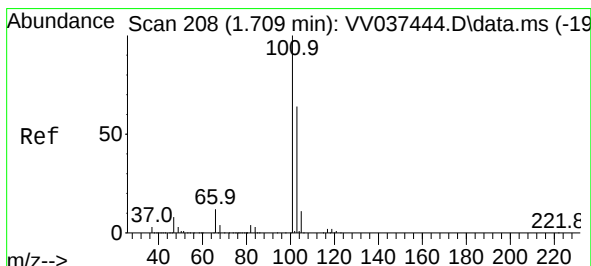
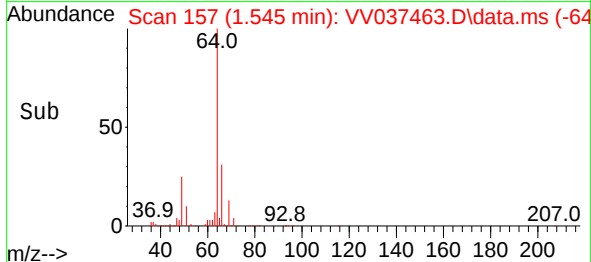
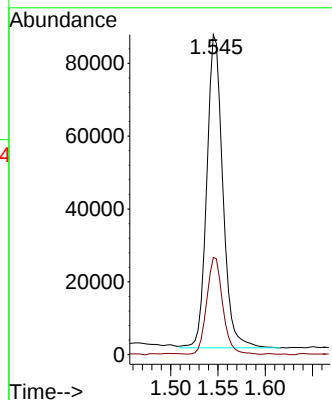
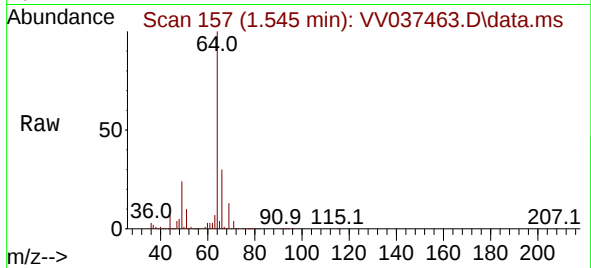




#8
Chloroethane
Concen: 5.006 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

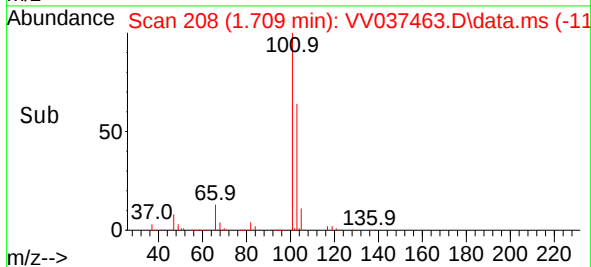
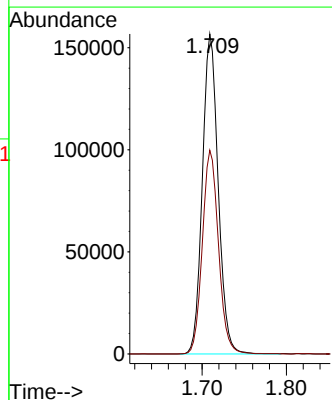
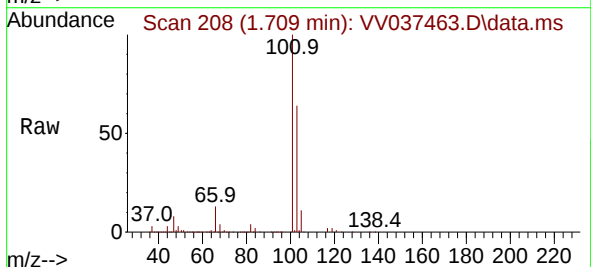
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ClientSampleId :

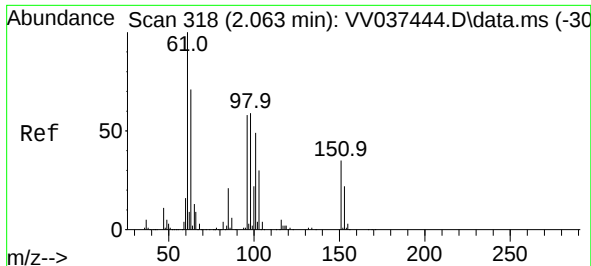
Tgt Ion: 64 Resp: 101358
Ion Ratio Lower Upper
64 100
66 30.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.898 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

Tgt Ion:101 Resp: 205142
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

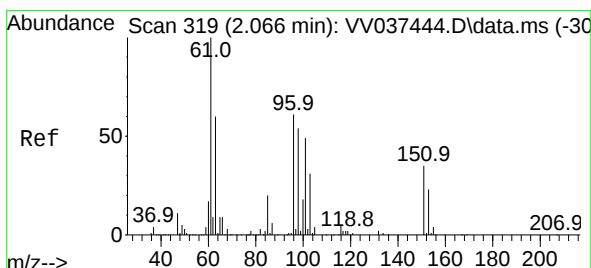
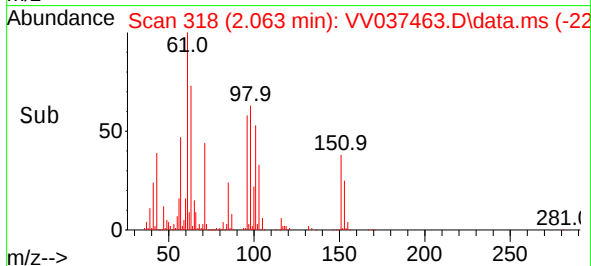
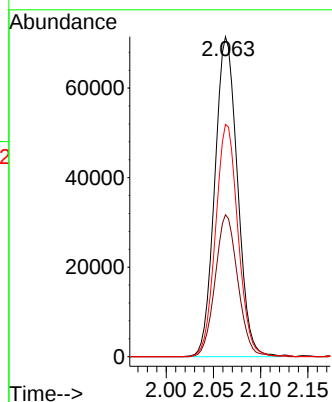
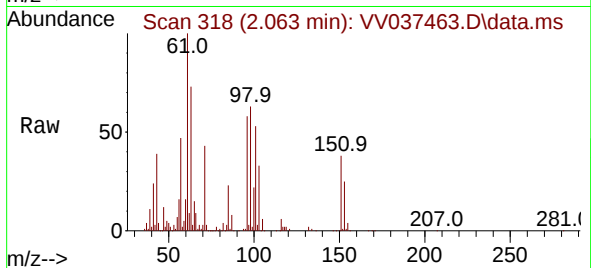




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.697 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

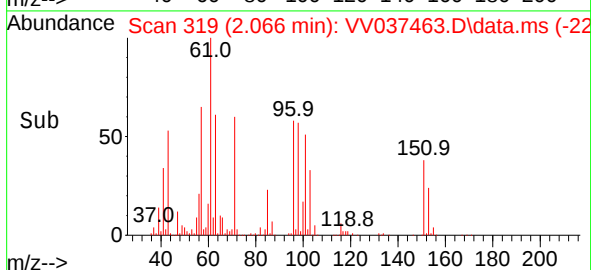
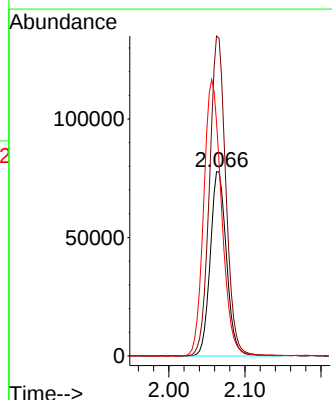
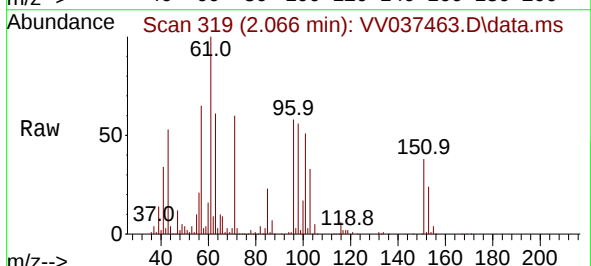
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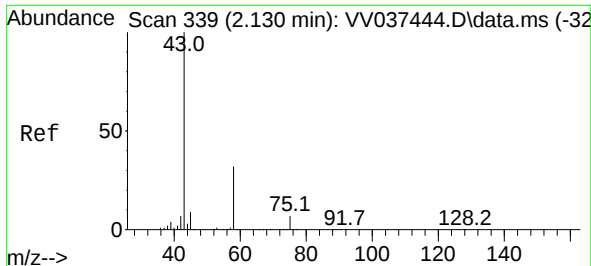
Tgt Ion:101 Resp: 119147
Ion Ratio Lower Upper
101 100
85 44.5 35.1 52.7
151 72.0 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.765 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

Tgt Ion: 96 Resp: 115424
Ion Ratio Lower Upper
96 100
61 172.4 119.9 222.7
63 104.9 81.4 151.2





#13

Acetone

Concen: 54.334 ug/L

RT: 2.127 min Scan# 34

Delta R.T. -0.003 min MSVOA_V

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

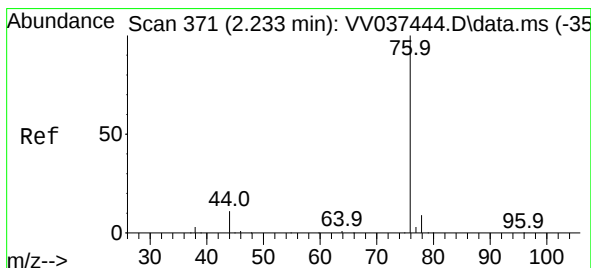
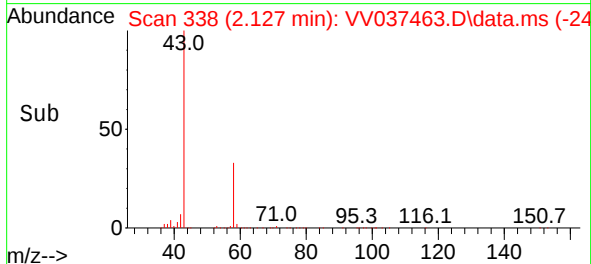
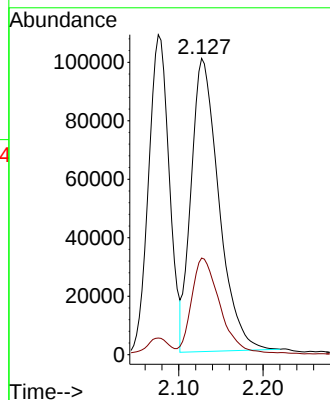
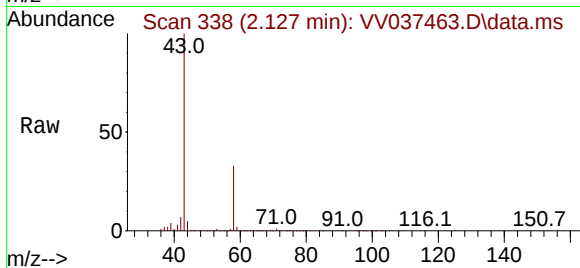
ClientSampleId :

Tgt Ion: 43 Resp: 229278

Ion Ratio Lower Upper

43 100

58 32.9 0.0 69.2



#14

Carbon disulfide

Concen: 4.615 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV037463.D

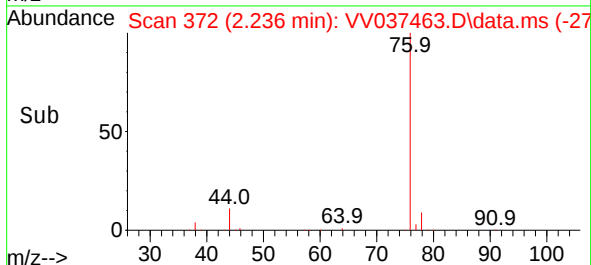
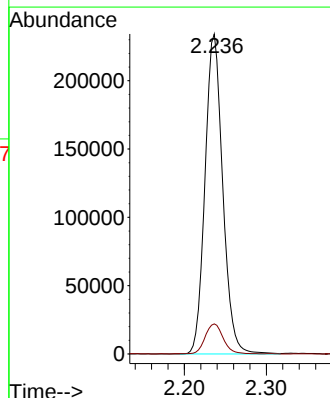
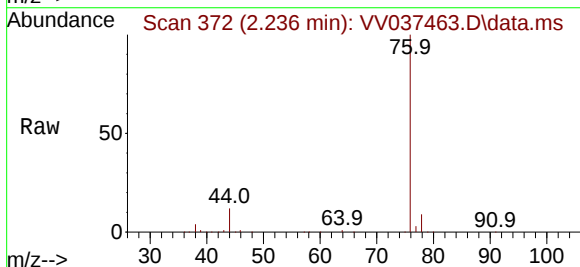
Acq: 21 Sep 2024 04:32

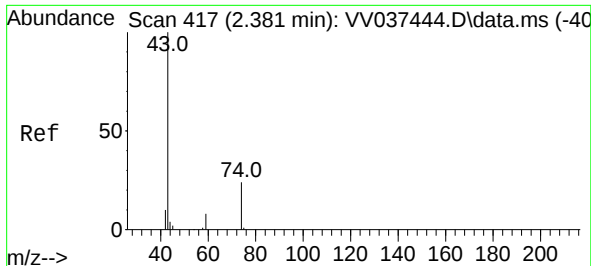
Tgt Ion: 76 Resp: 352485

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 383.571 ug/L

RT: 2.432 min Scan# 41

Delta R.T. 0.051 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

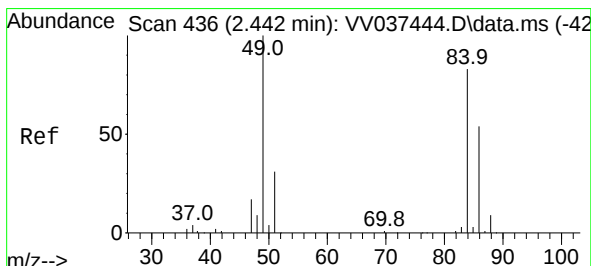
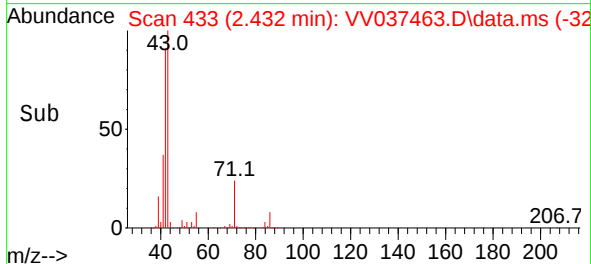
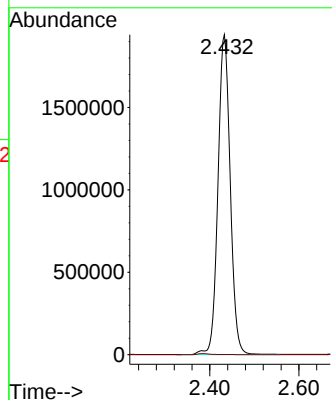
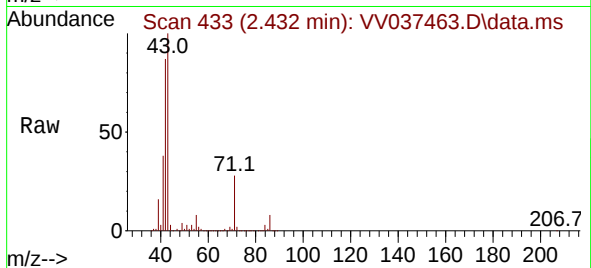
ClientSampleId :

Tgt Ion: 43 Resp: 3707210

Ion Ratio Lower Upper

43 100

74 0.3 21.0 31.4#



#16

Methylene chloride

Concen: 5.304 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

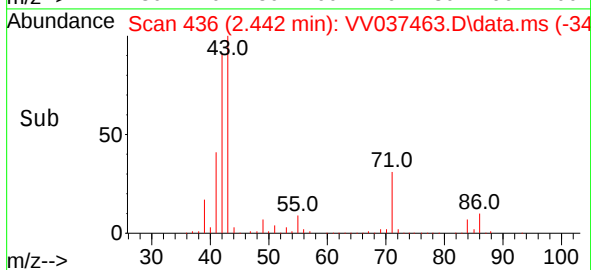
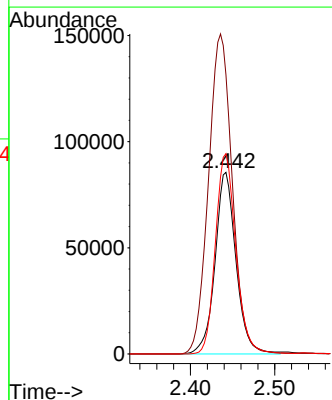
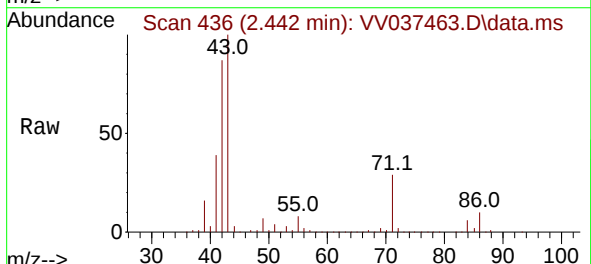
Tgt Ion: 84 Resp: 147693

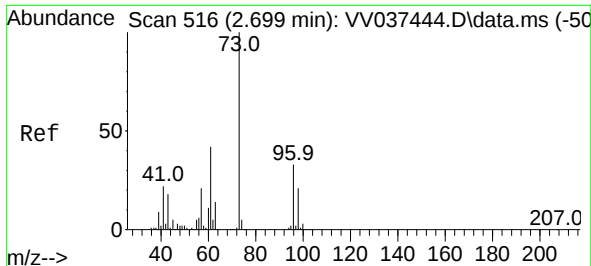
Ion Ratio Lower Upper

84 100

86 153.7 44.0 81.8#

49 110.3 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 6.900 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

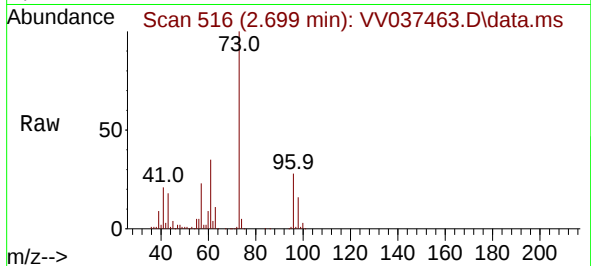
Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

ClientSampleId :



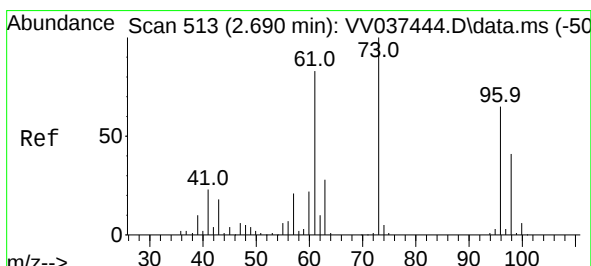
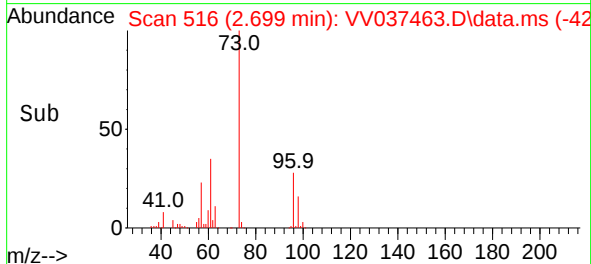
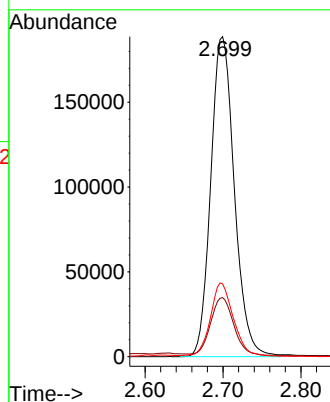
Tgt Ion: 73 Resp: 397316

Ion Ratio Lower Upper

73 100

43 0.0 14.5 21.7#

57 22.2 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 5.092 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

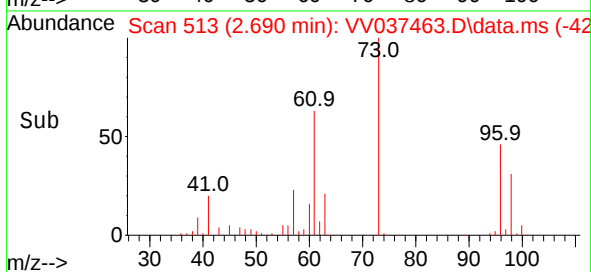
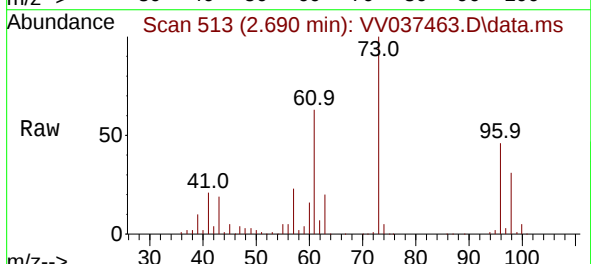
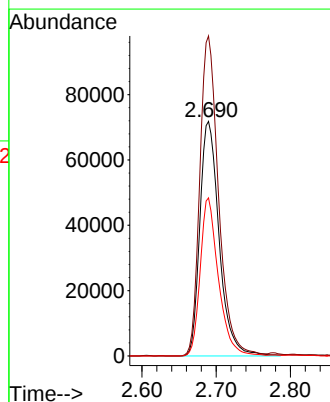
Tgt Ion: 96 Resp: 129785

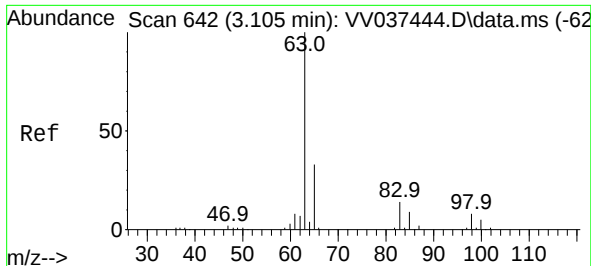
Ion Ratio Lower Upper

96 100

61 136.5 92.8 172.4

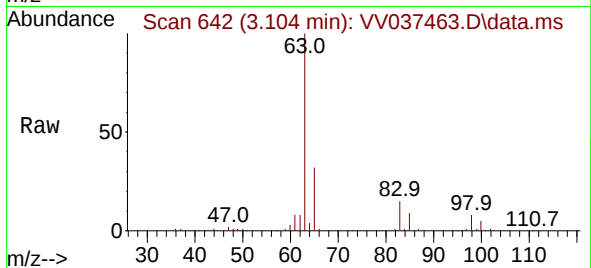
98 67.4 43.0 79.8



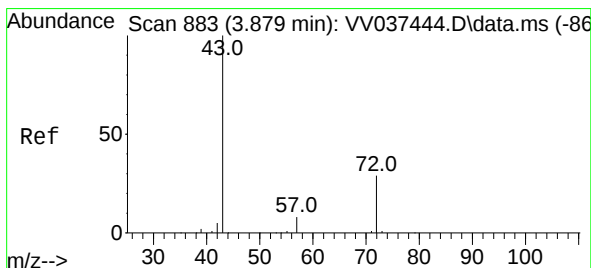
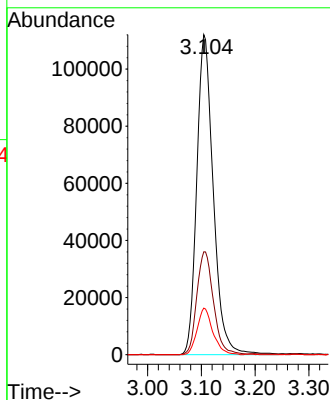
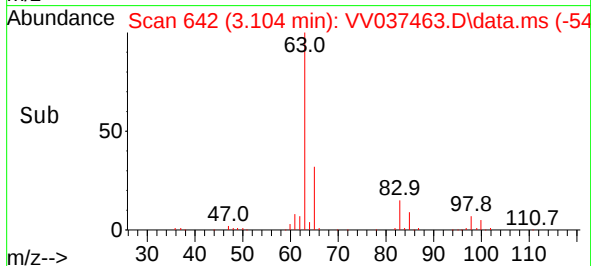


#19
1,1-Dichloroethane
Concen: 4.915 ug/L
RT: 3.104 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

Instrument :
MSVOA_V
ClientSampleId :

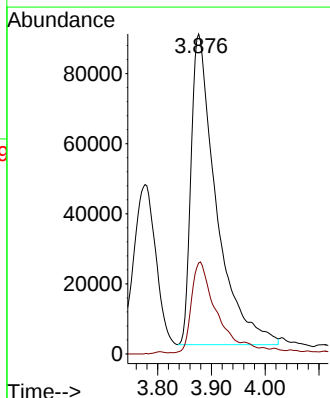
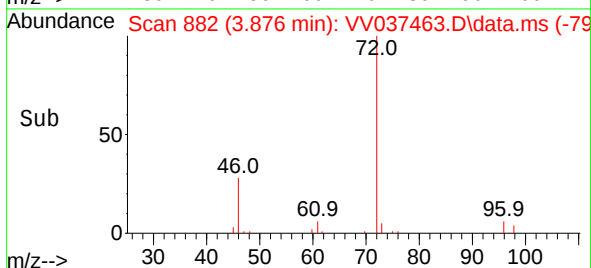
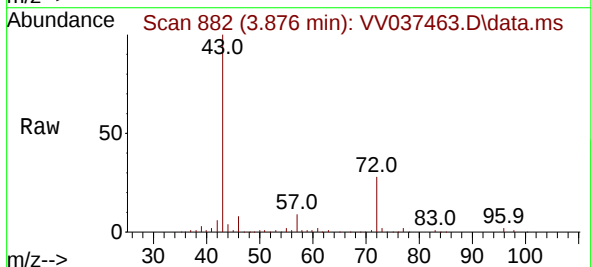


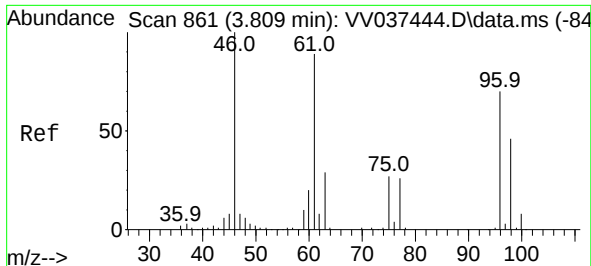
Tgt Ion: 63 Resp: 239211
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.7
83 14.5 8.9 16.5



#21
2-Butanone
Concen: 45.058 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.003 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

Tgt Ion: 43 Resp: 288980
Ion Ratio Lower Upper
43 100
72 27.3 12.2 36.6

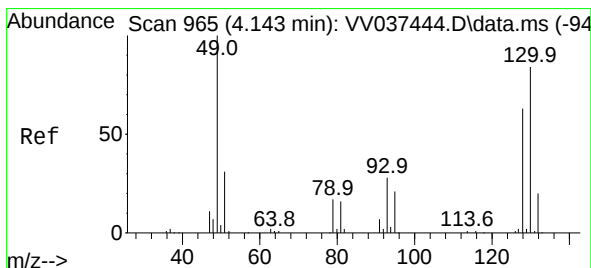
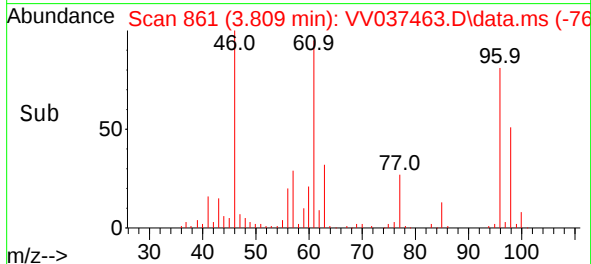
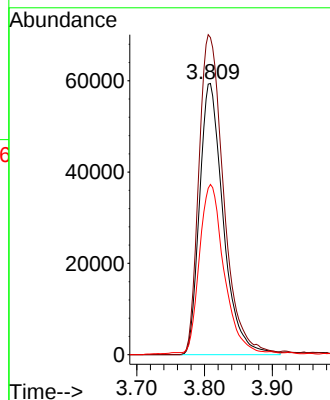
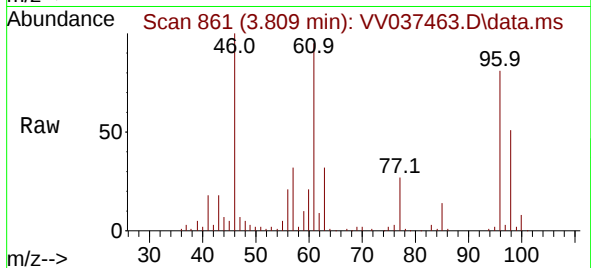




#22
 cis-1,2-Dichloroethene
 Concen: 5.243 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. -0.000 min
 Lab File: VV037463.D
 Acq: 21 Sep 2024 04:32

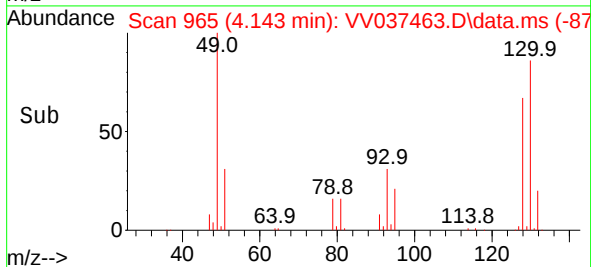
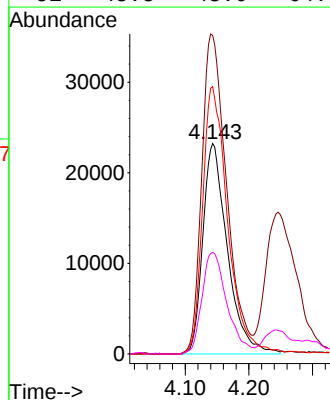
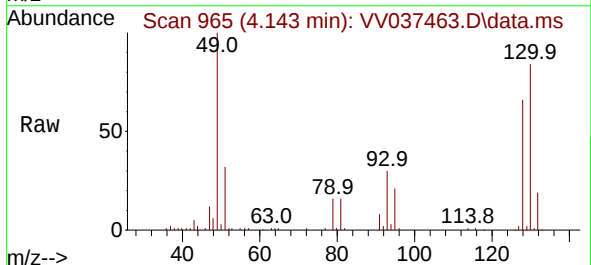
Instrument :
 MSVOA_V
 ClientSampleId :

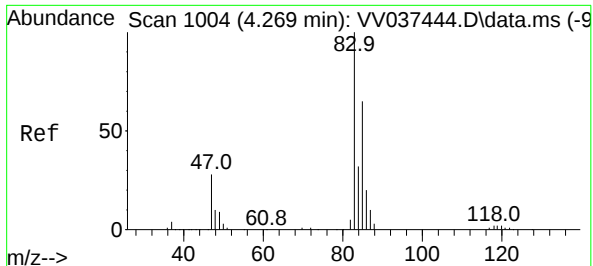
Tgt Ion: 96 Resp: 144457
 Ion Ratio Lower Upper
 96 100
 61 117.0 87.6 162.6
 98 62.8 44.9 83.5



#23
 Bromochloromethane
 Concen: 5.217 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. -0.000 min
 Lab File: VV037463.D
 Acq: 21 Sep 2024 04:32

Tgt Ion:128 Resp: 62253
 Ion Ratio Lower Upper
 128 100
 49 151.4 114.0 211.8
 130 127.0 89.3 165.9
 51 48.3 43.0 64.4





#25

Chloroform

Concen: 5.189 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

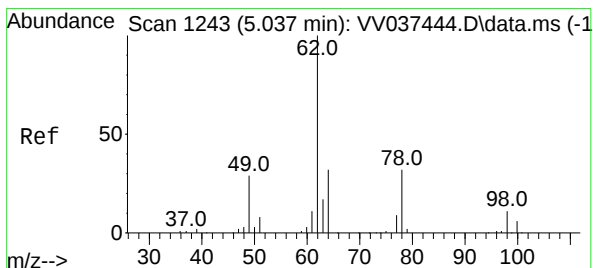
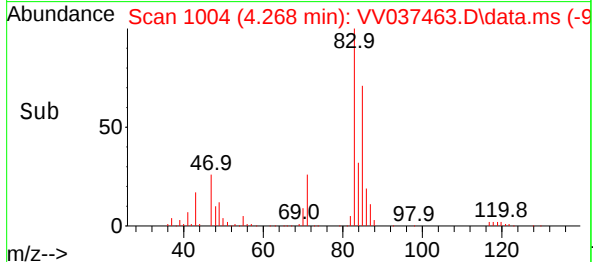
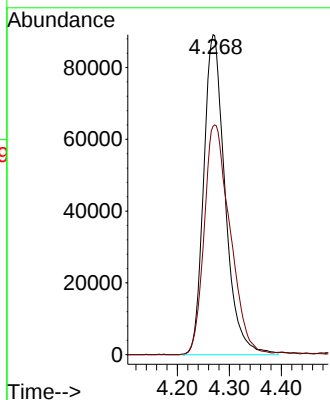
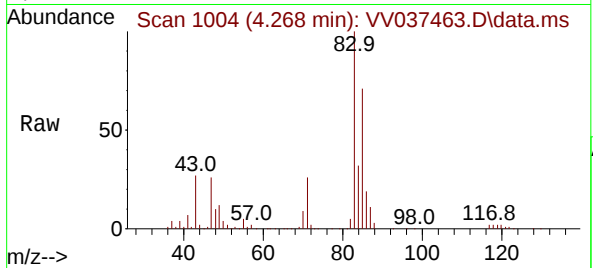
ClientSampleId :

Tgt Ion: 83 Resp: 254388

Ion Ratio Lower Upper

83 100

85 71.4 43.8 81.4



#27

1,2-Dichloroethane

Concen: 8.058 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV037463.D

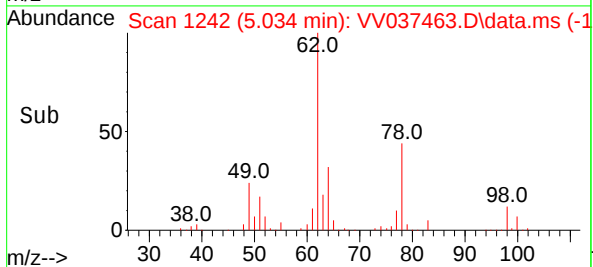
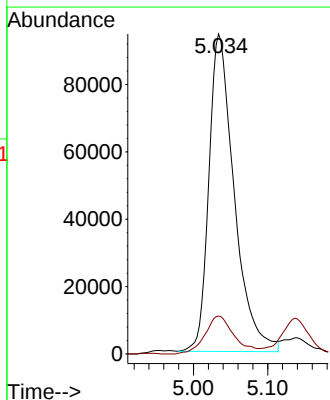
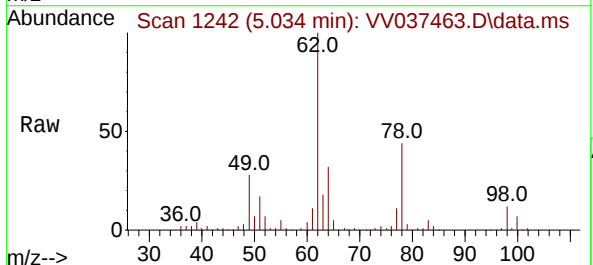
Acq: 21 Sep 2024 04:32

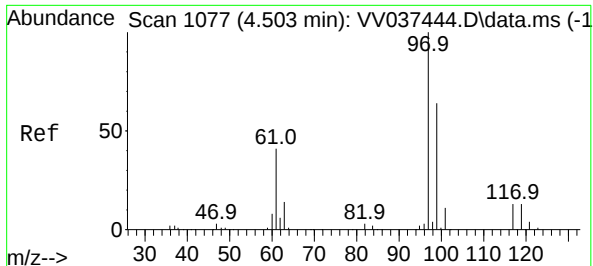
Tgt Ion: 62 Resp: 223540

Ion Ratio Lower Upper

62 100

98 11.8 8.2 12.4

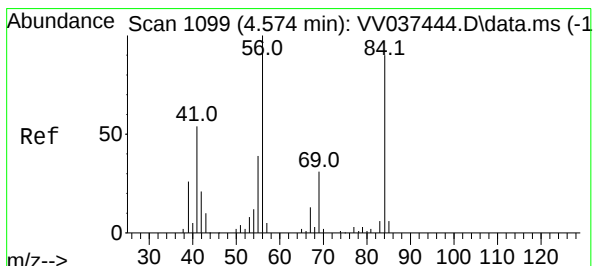
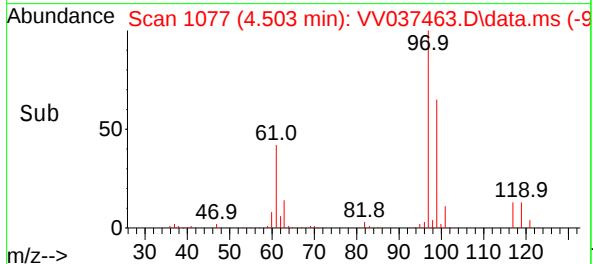
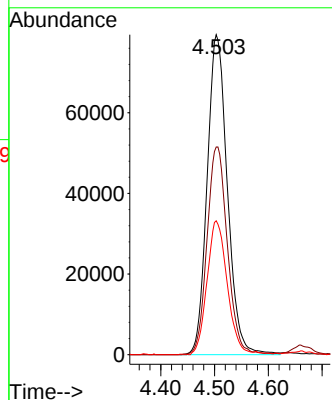
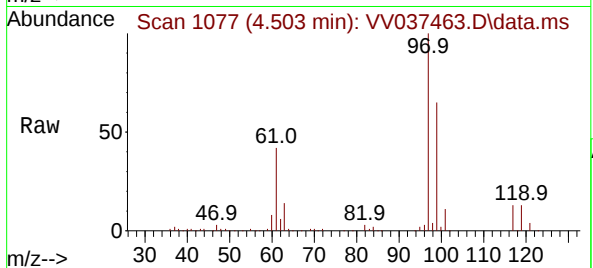




#29
1,1,1-Trichloroethane
Concen: 4.964 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

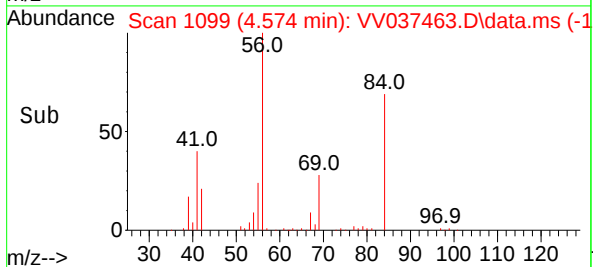
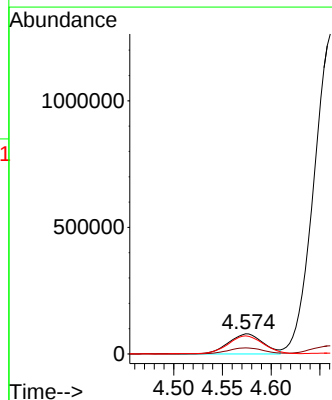
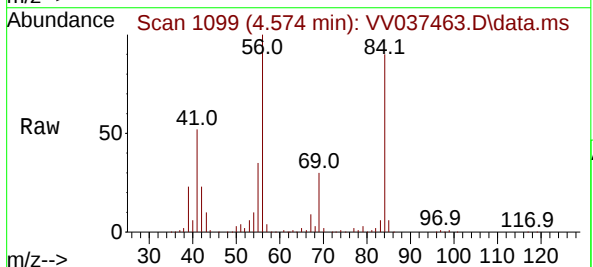
Instrument :
MSVOA_V
ClientSampleId :

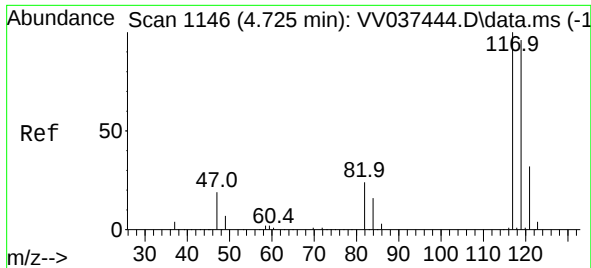
Tgt Ion: 97 Resp: 207701
Ion Ratio Lower Upper
97 100
99 65.2 50.0 75.0
61 41.6 34.3 51.5



#30
Cyclohexane
Concen: 4.841 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

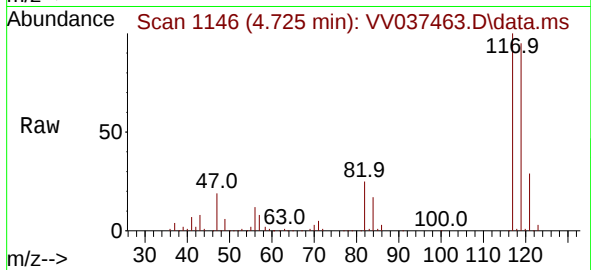
Tgt Ion: 56 Resp: 196501
Ion Ratio Lower Upper
56 100
69 31.5 24.1 36.1
84 92.5 73.1 109.7



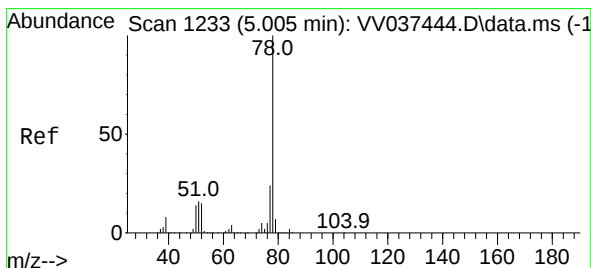
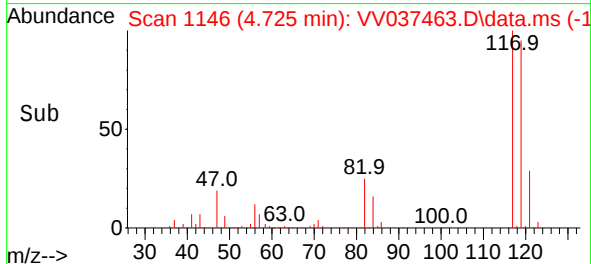
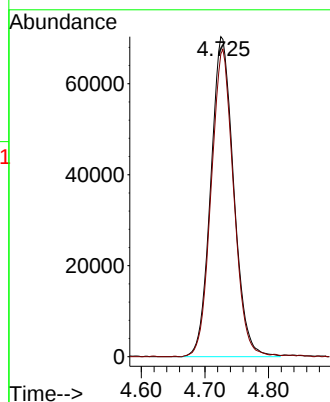


#31
Carbon tetrachloride
Concen: 4.953 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

Instrument :
MSVOA_V
ClientSampleId :

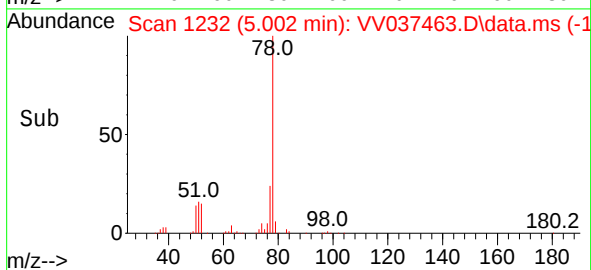
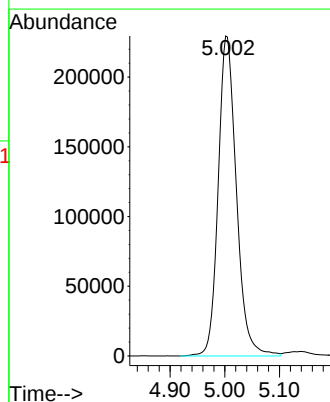
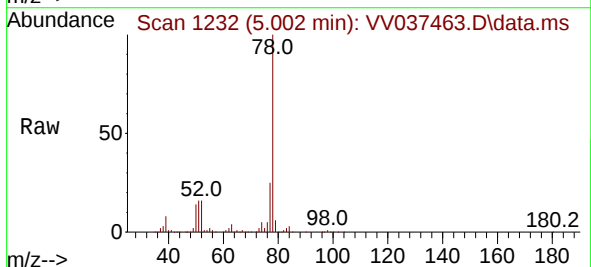


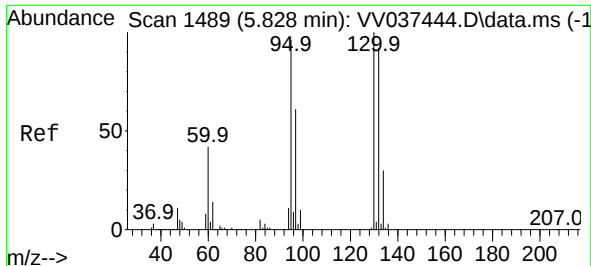
Tgt Ion:117 Resp: 176381
Ion Ratio Lower Upper
117 100
119 93.8 76.2 114.4



#33
Benzene
Concen: 4.980 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

Tgt Ion: 78 Resp: 529466





#34

Trichloroethene

Concen: 4.883 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 139878

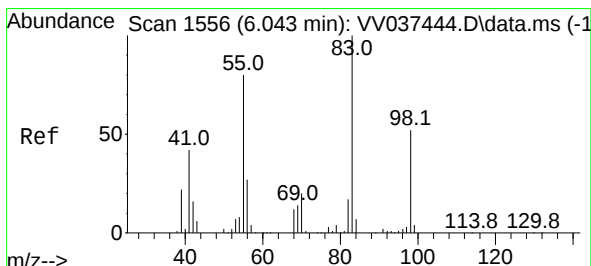
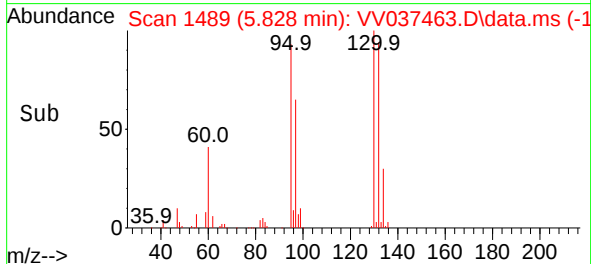
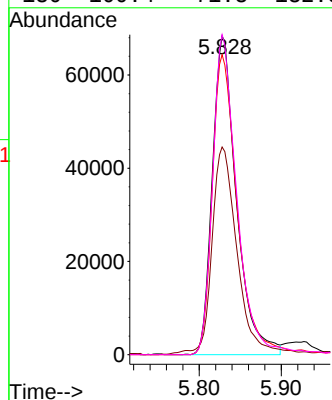
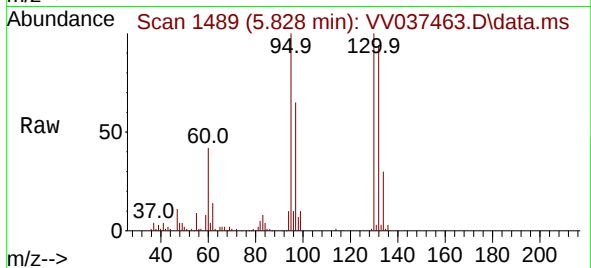
Ion Ratio Lower Upper

95 100

97 65.2 46.5 86.5

132 94.1 65.5 121.7

130 100.4 71.3 132.3



#35

Methylcyclohexane

Concen: 7.060 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

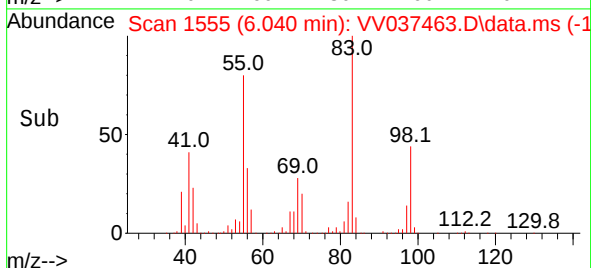
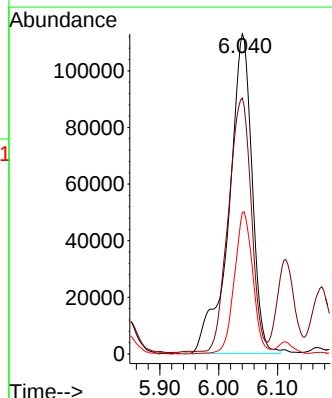
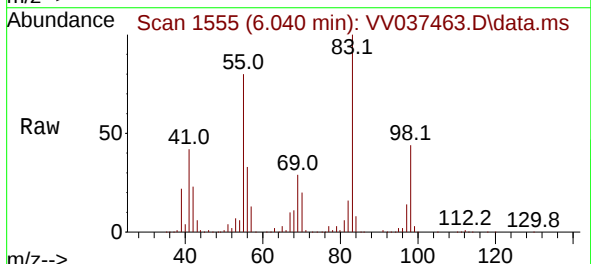
Tgt Ion: 83 Resp: 307472

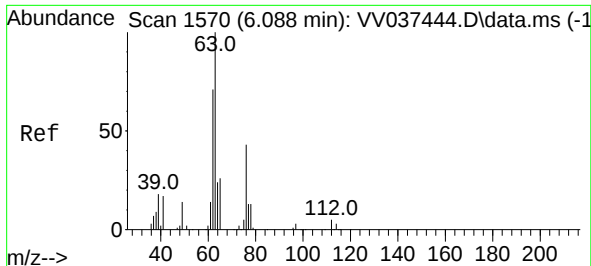
Ion Ratio Lower Upper

83 100

55 77.7 60.3 90.5

98 35.8 38.2 57.4#

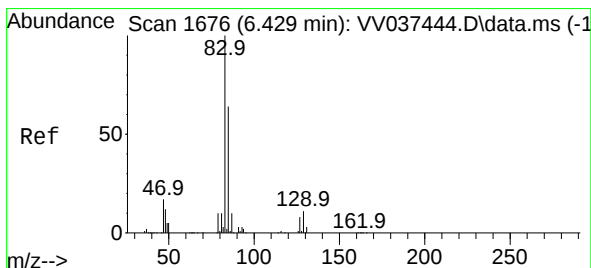
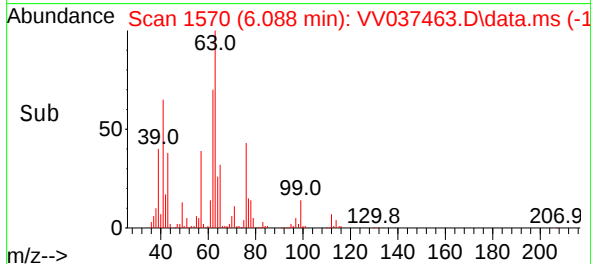
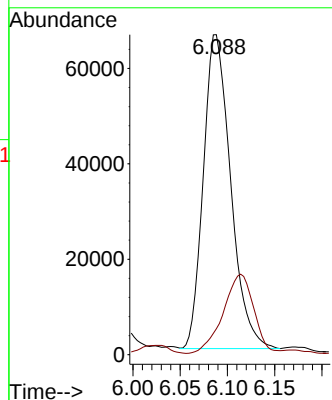
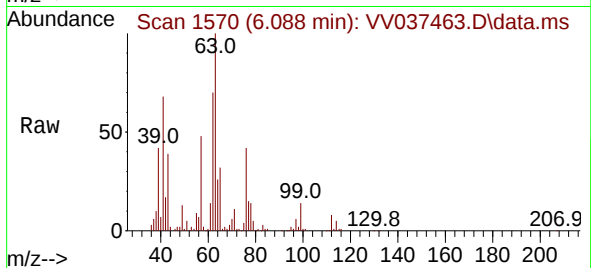




#37
1,2-Dichloropropane
Concen: 4.891 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

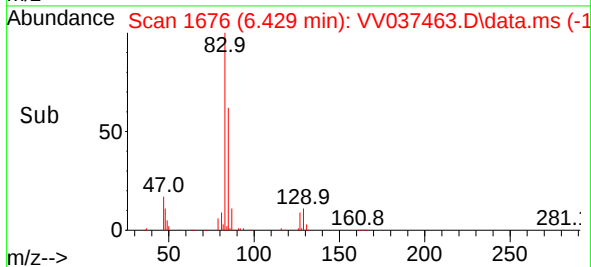
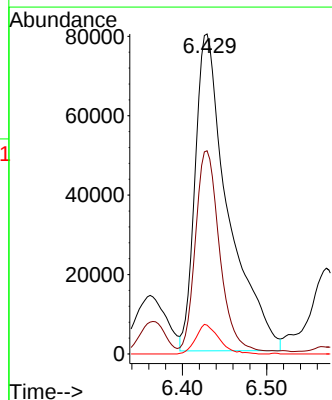
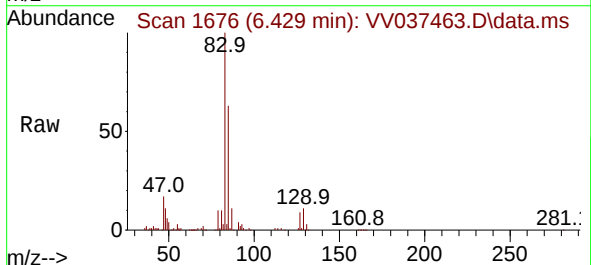
Instrument :
MSVOA_V
ClientSampleId :

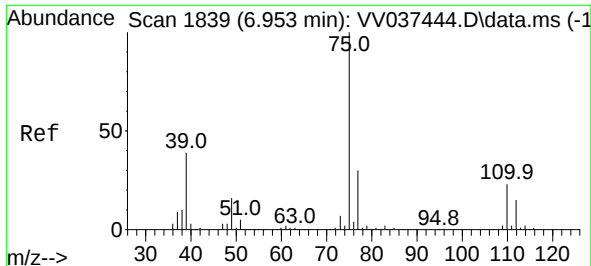
Tgt Ion: 63 Resp: 132284
Ion Ratio Lower Upper
63 100
112 29.2 3.7 5.5#



#38
Bromodichloromethane
Concen: 6.422 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

Tgt Ion: 83 Resp: 217461
Ion Ratio Lower Upper
83 100
85 63.5 43.7 81.1
127 9.0 6.7 10.1

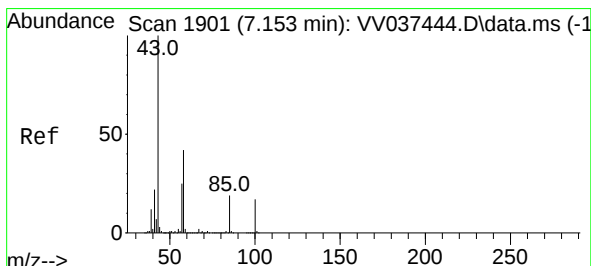
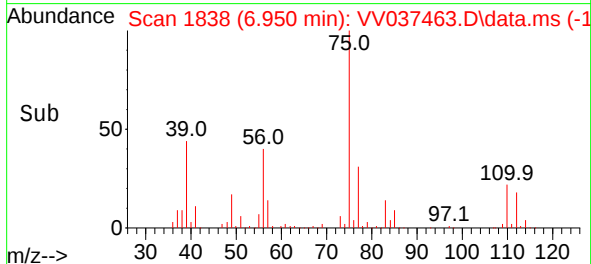
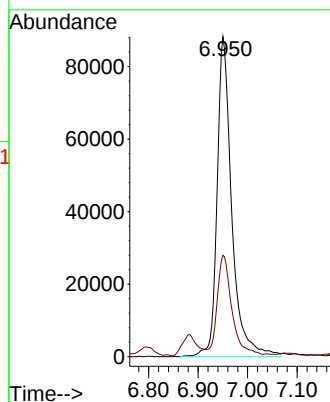
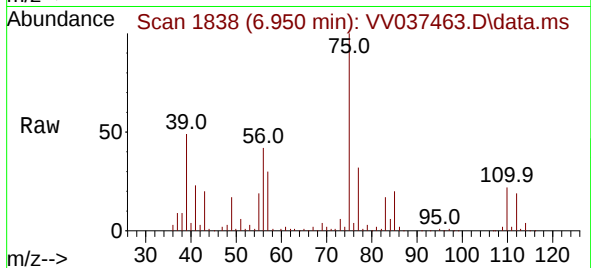




#39
 cis-1,3-Dichloropropene
 Concen: 4.642 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV037463.D
 Acq: 21 Sep 2024 04:32

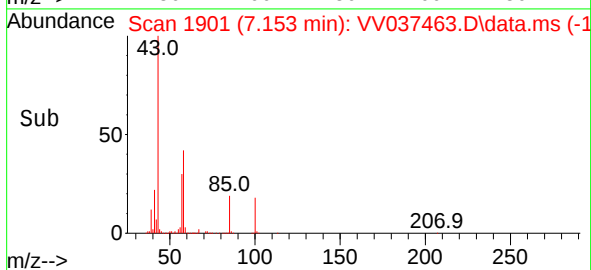
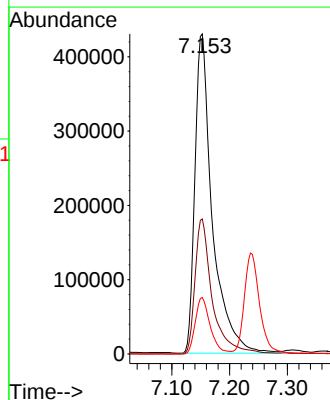
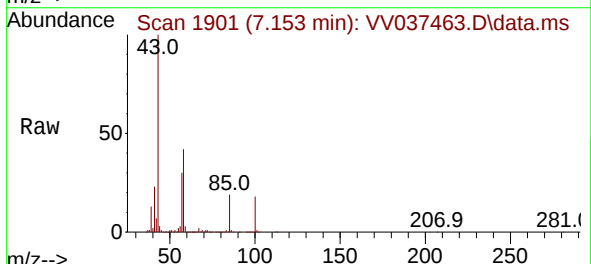
Instrument :
 MSVOA_V
 ClientSampleId :

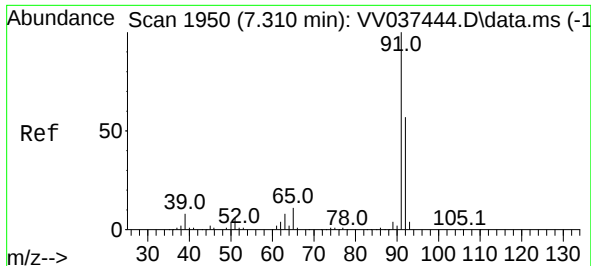
Tgt Ion: 75 Resp: 181877
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 58.228 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV037463.D
 Acq: 21 Sep 2024 04:32

Tgt Ion: 43 Resp: 901666
 Ion Ratio Lower Upper
 43 100
 58 41.8 31.7 47.5
 100 15.1 12.6 19.0





#42

Toluene

Concen: 5.118 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

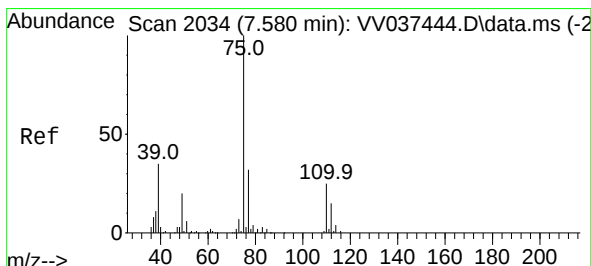
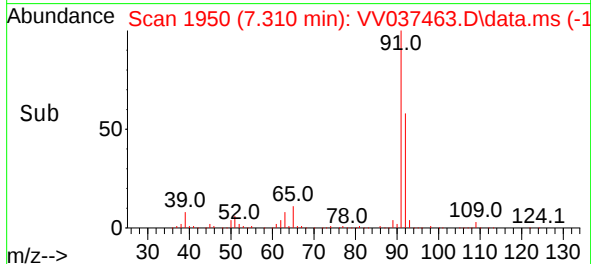
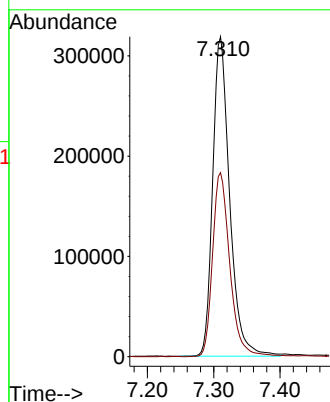
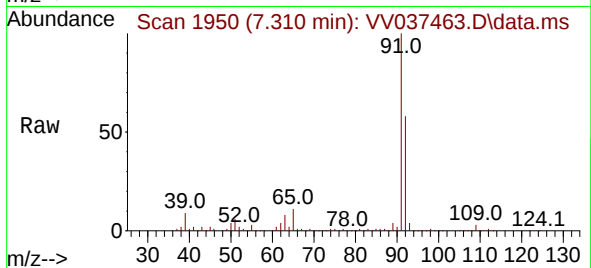
ClientSampleId :

Tgt Ion: 91 Resp: 566030

Ion Ratio Lower Upper

91 100

92 57.5 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 4.414 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV037463.D

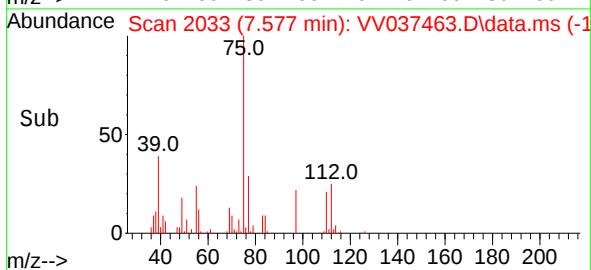
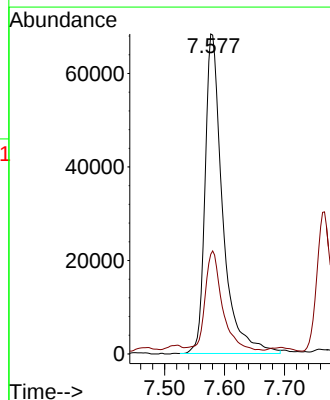
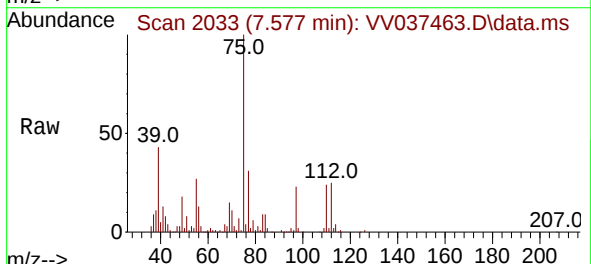
Acq: 21 Sep 2024 04:32

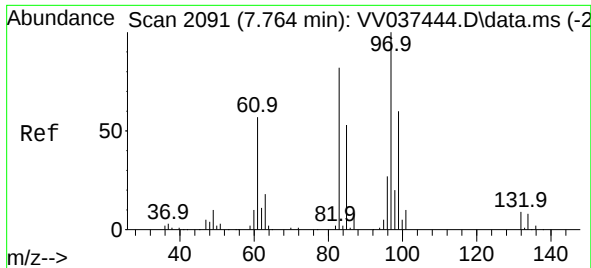
Tgt Ion: 75 Resp: 139548

Ion Ratio Lower Upper

75 100

77 31.1 20.9 38.9

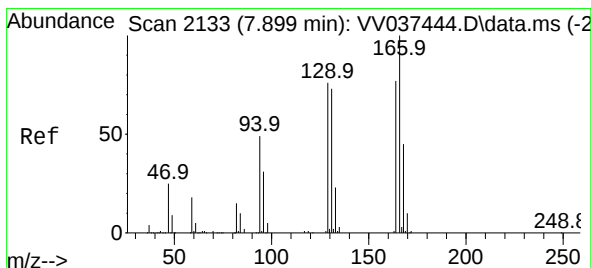
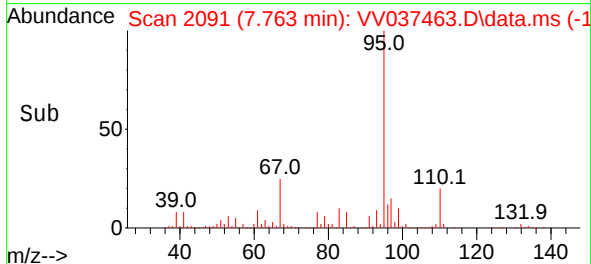
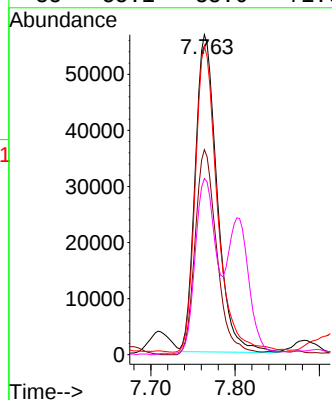
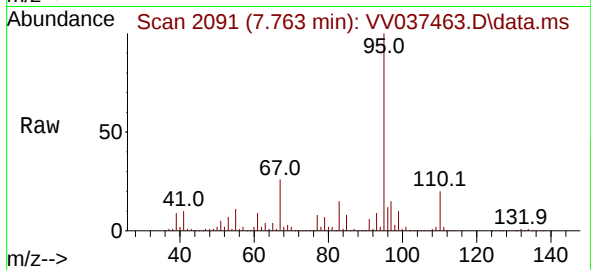




#45
1,1,2-Trichloroethane
Concen: 5.311 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

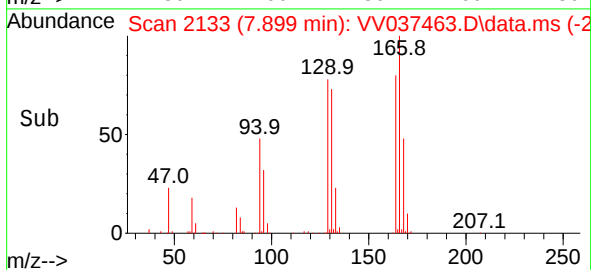
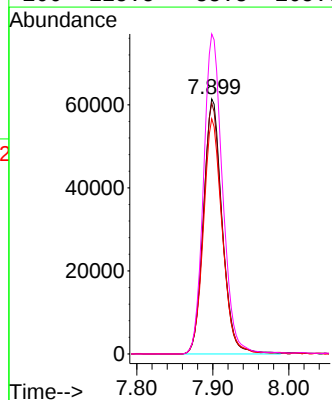
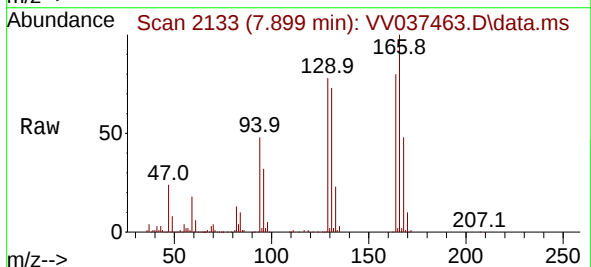
Instrument :
MSVOA_V
ClientSampleId :

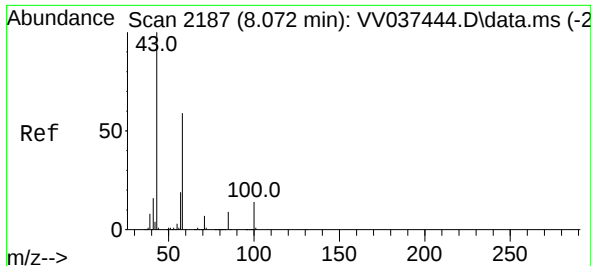
Tgt Ion:	97	Resp:	102811
Ion Ratio	Lower	Upper	
97	100		
99	64.0	43.1	80.1
83	96.5	61.0	113.4
85	55.1	38.6	71.6



#47
Tetrachloroethene
Concen: 5.107 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

Tgt Ion:	164	Resp:	104716
Ion Ratio	Lower	Upper	
164	100		
129	98.4	69.2	128.4
131	92.2	66.6	123.8
166	125.5	88.8	165.0





#48

2-Hexanone

Concen: 51.758 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 585803

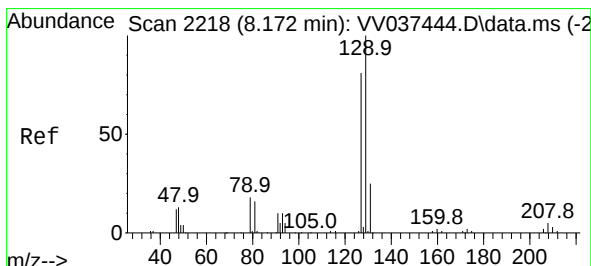
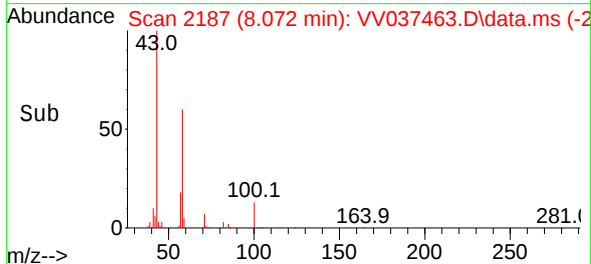
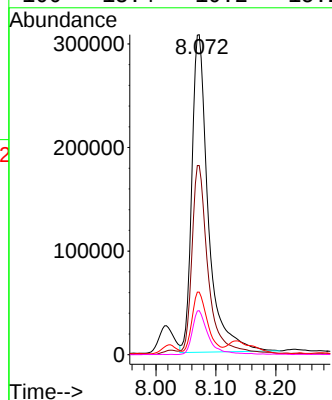
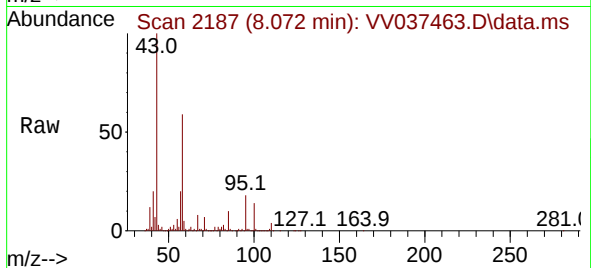
Ion Ratio Lower Upper

43 100

58 58.3 45.5 68.3

57 18.5 15.3 22.9

100 13.4 10.2 15.2



#49

Dibromochloromethane

Concen: 4.789 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.003 min

Lab File: VV037463.D

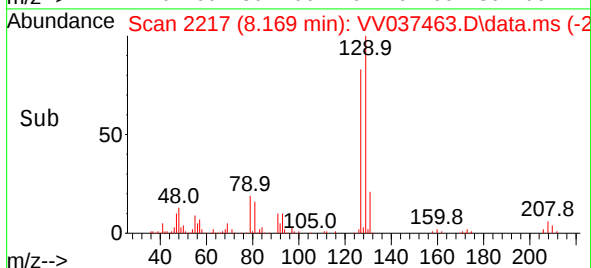
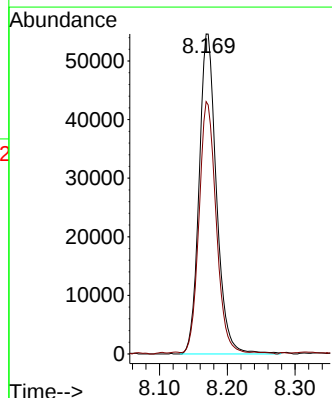
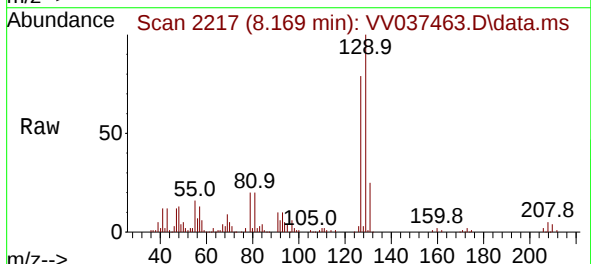
Acq: 21 Sep 2024 04:32

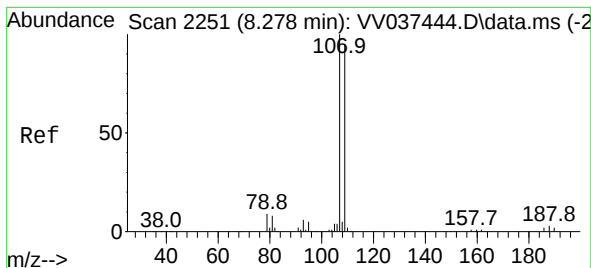
Tgt Ion: 129 Resp: 97136

Ion Ratio Lower Upper

129 100

127 78.8 54.5 101.1





#50

1,2-Dibromoethane

Concen: 5.580 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min

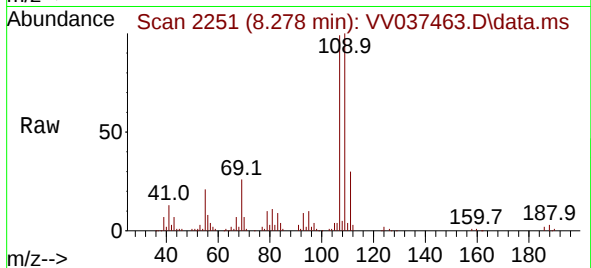
Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

ClientSampleId :



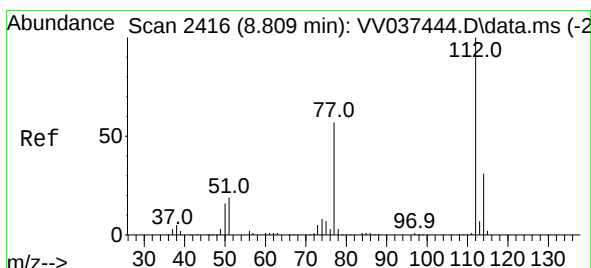
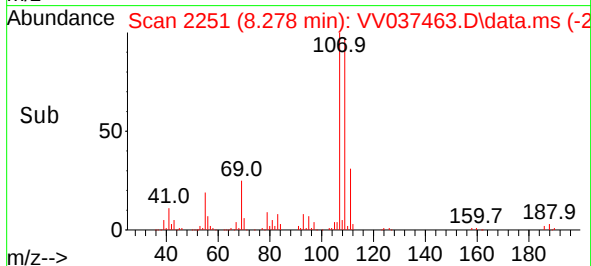
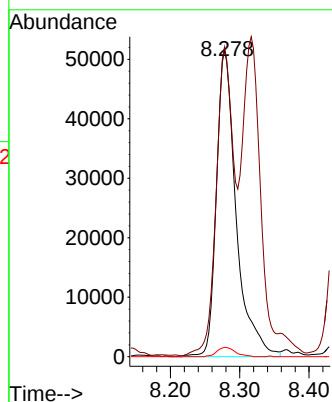
Tgt Ion:107 Resp: 102063

Ion Ratio Lower Upper

107 100

109 101.0 68.1 126.5

188 3.0 2.7 4.1



#51

Chlorobenzene

Concen: 5.112 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

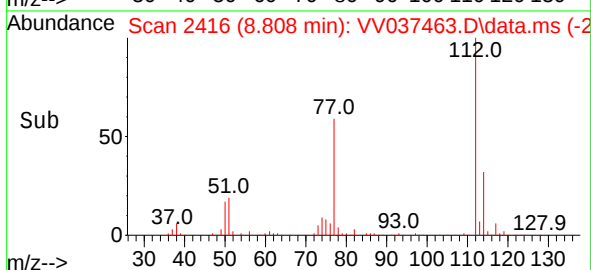
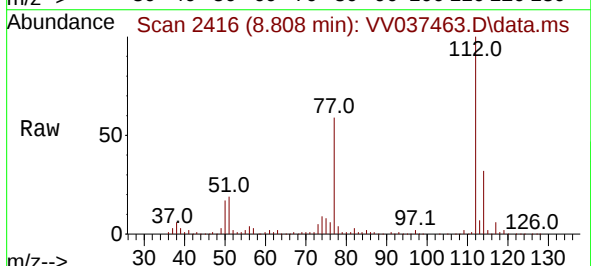
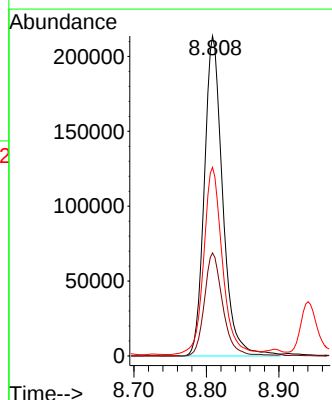
Tgt Ion:112 Resp: 376455

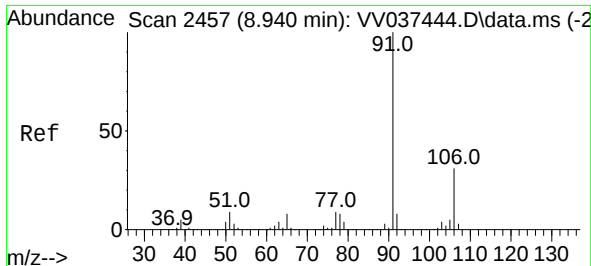
Ion Ratio Lower Upper

112 100

114 32.2 22.6 42.0

77 58.9 47.0 70.6





#52

Ethylbenzene

Concen: 5.249 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

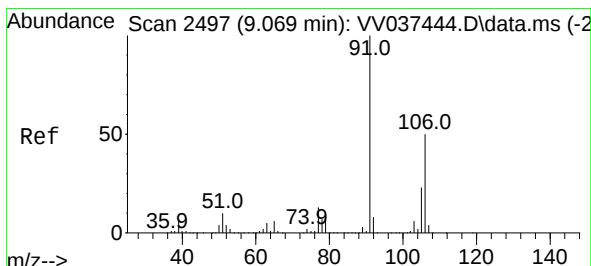
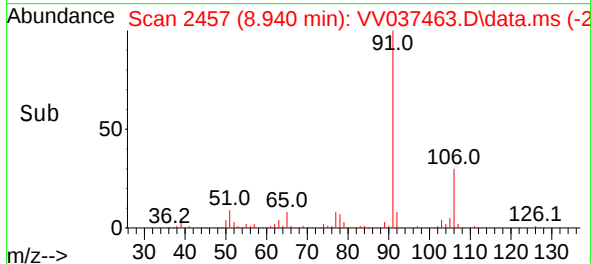
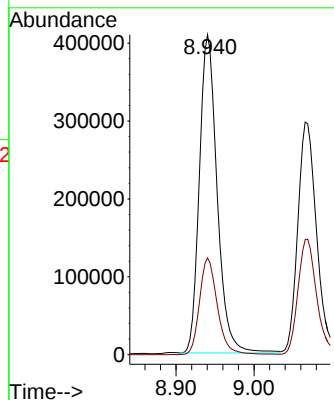
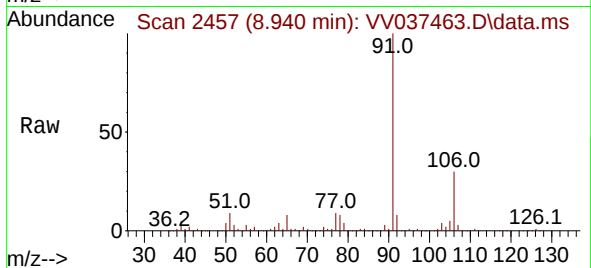
ClientSampleId :

Tgt Ion: 91 Resp: 647876

Ion Ratio Lower Upper

91 100

106 30.3 21.7 40.3



#53

m,p-Xylene

Concen: 5.414 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.000 min

Lab File: VV037463.D

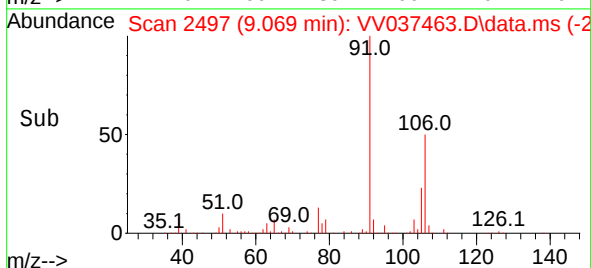
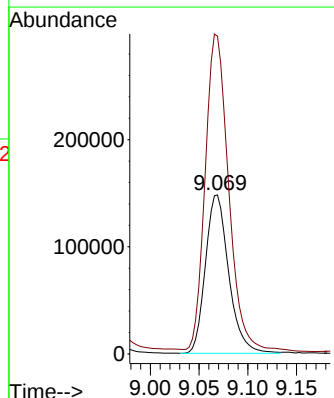
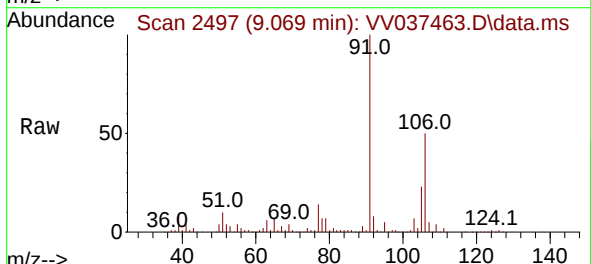
Acq: 21 Sep 2024 04:32

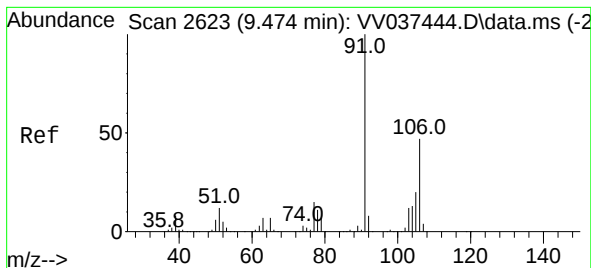
Tgt Ion: 106 Resp: 245844

Ion Ratio Lower Upper

106 100

91 199.8 143.3 266.1





#54

o-Xylene

Concen: 5.416 ug/L

RT: 9.474 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

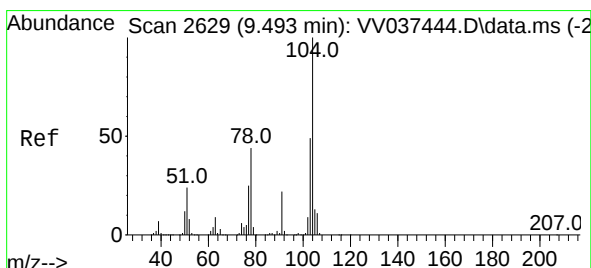
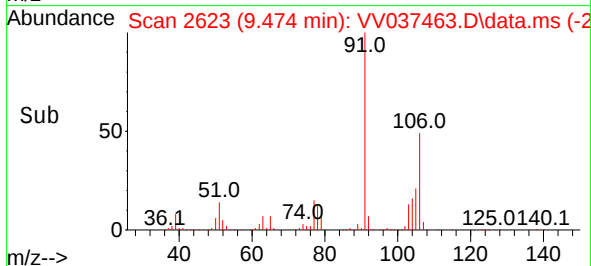
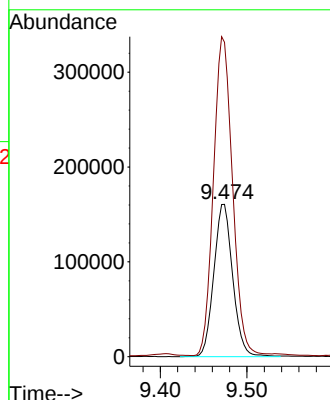
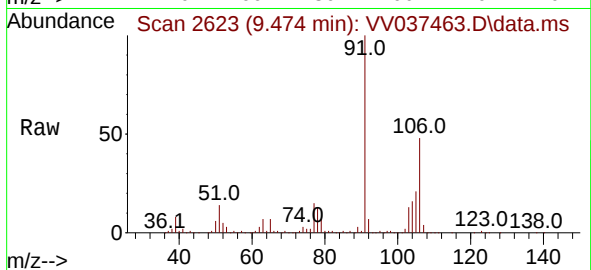
ClientSampleId :

Tgt Ion:106 Resp: 243480

Ion Ratio Lower Upper

106 100

91 206.3 151.8 282.0



#55

Styrene

Concen: 5.391 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.003 min

Lab File: VV037463.D

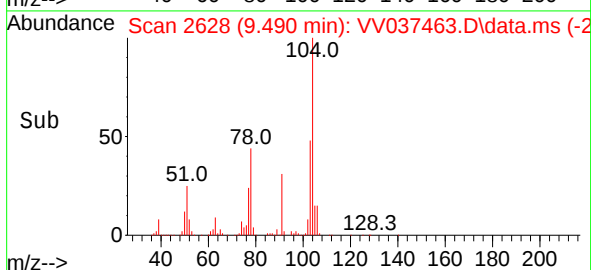
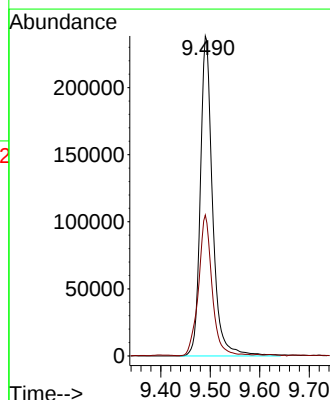
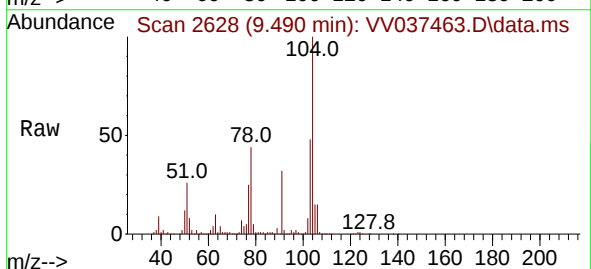
Acq: 21 Sep 2024 04:32

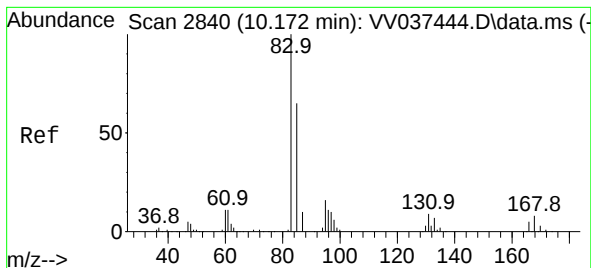
Tgt Ion:104 Resp: 410906

Ion Ratio Lower Upper

104 100

78 44.0 29.2 54.2

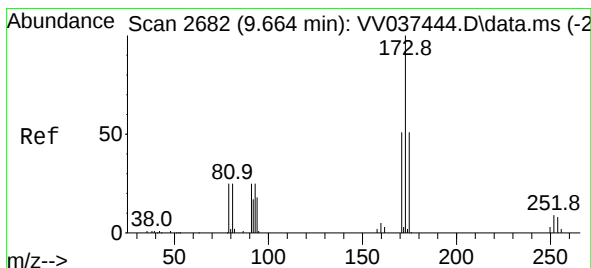
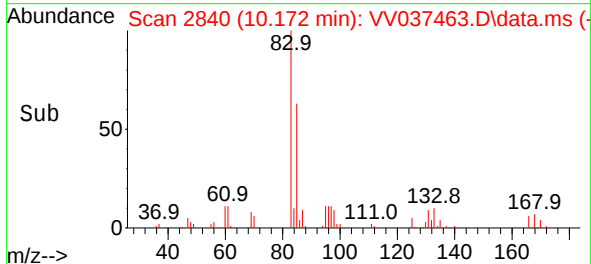
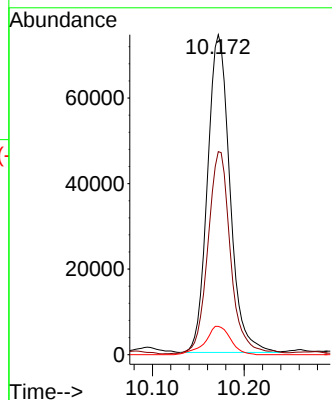
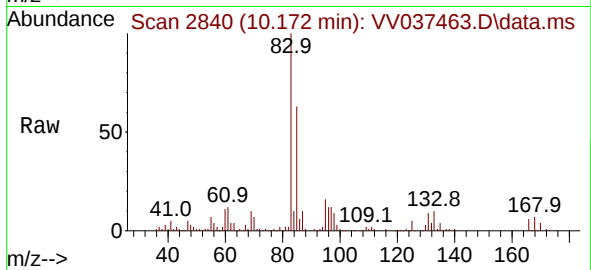




#57
1,1,2,2-Tetrachloroethane
Concen: 5.392 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

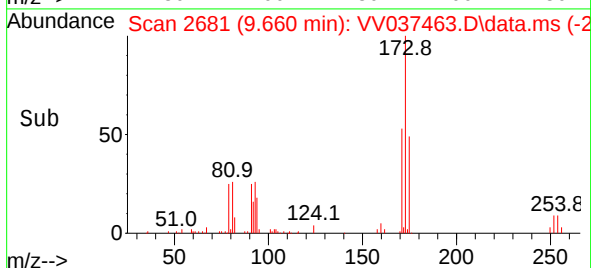
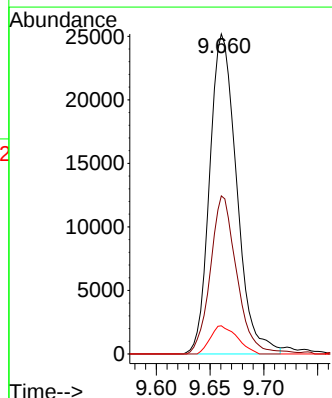
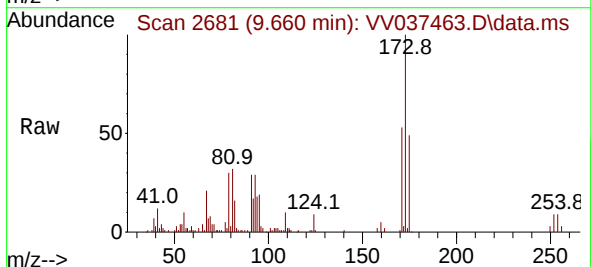
Instrument :
MSVOA_V
ClientSampleId :

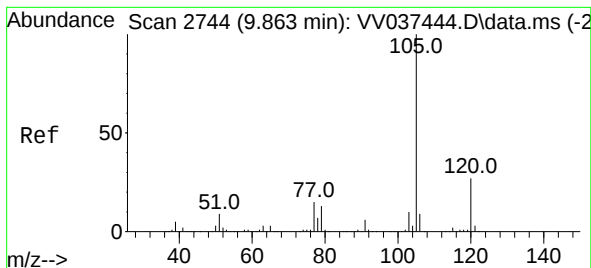
Tgt Ion: 83 Resp: 126111
Ion Ratio Lower Upper
83 100
85 63.5 43.2 80.2
131 8.8 6.9 10.3



#59
Bromoform
Concen: 4.126 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

Tgt Ion: 173 Resp: 43933
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 8.7 6.8 10.2





#60

Isopropylbenzene

Concen: 5.342 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

ClientSampleId :

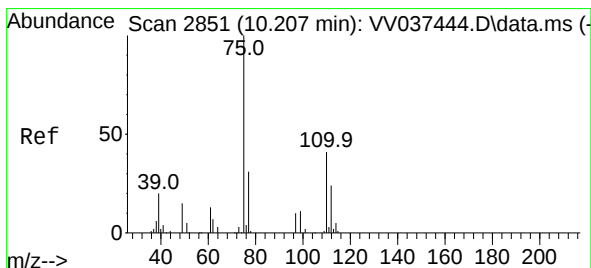
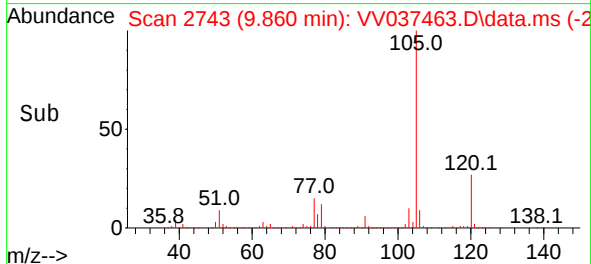
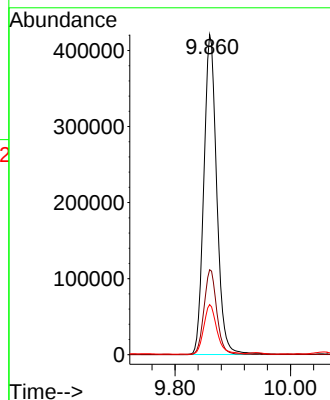
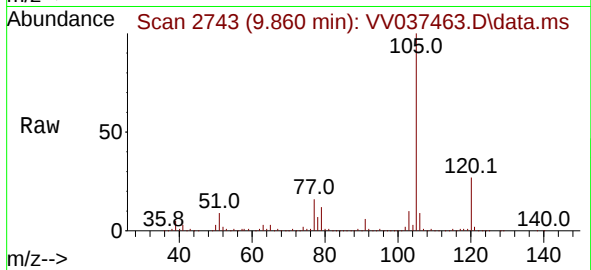
Tgt Ion:105 Resp: 650892

Ion Ratio Lower Upper

105 100

120 26.4 20.2 30.4

77 15.8 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 5.125 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. -0.003 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

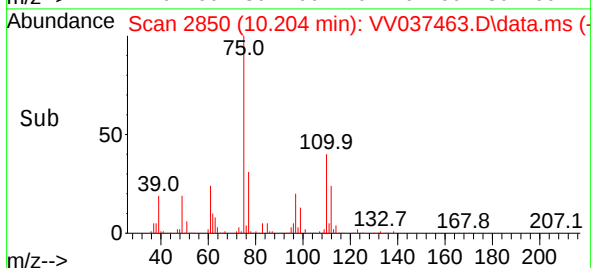
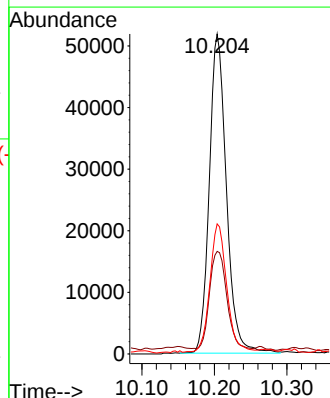
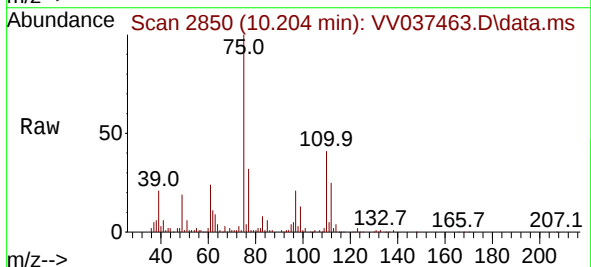
Tgt Ion: 75 Resp: 84891

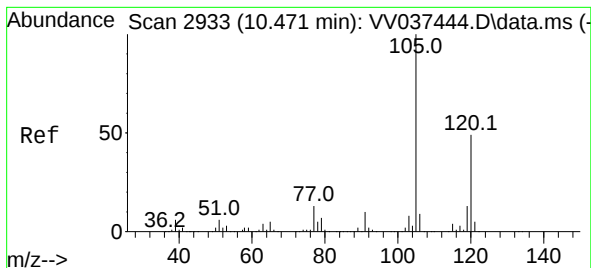
Ion Ratio Lower Upper

75 100

77 30.2 25.6 38.4

110 39.5 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 5.498 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

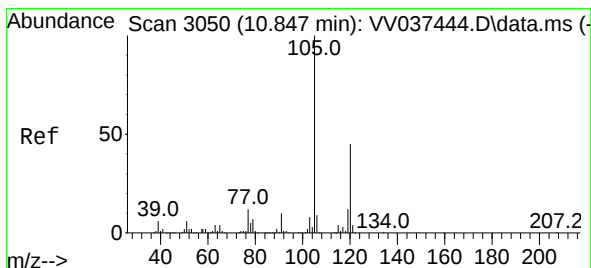
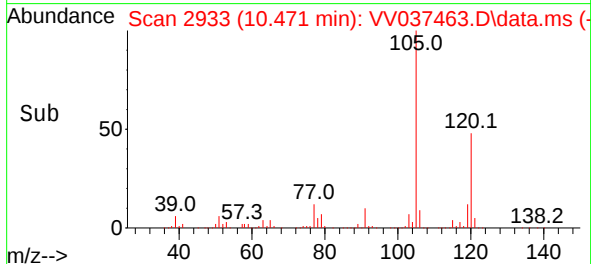
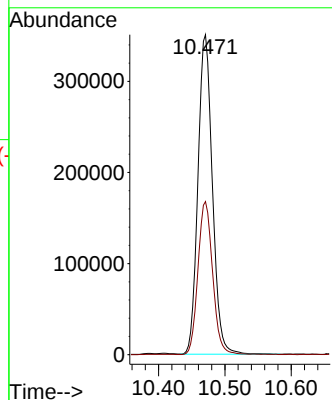
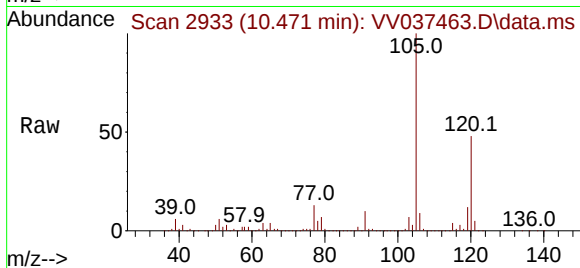
ClientSampleId :

Tgt Ion:105 Resp: 531154

Ion Ratio Lower Upper

105 100

120 48.5 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.438 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV037463.D

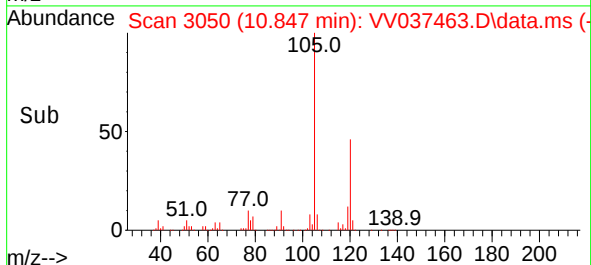
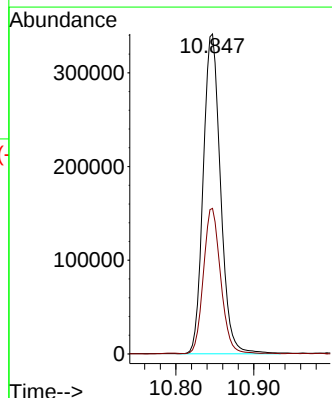
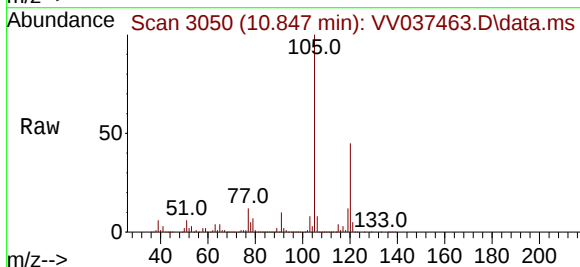
Acq: 21 Sep 2024 04:32

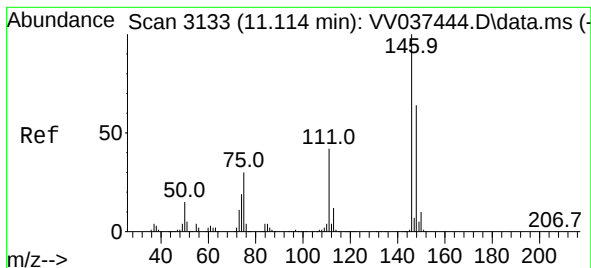
Tgt Ion:105 Resp: 527737

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.189 ug/L

RT: 11.111 min Scan# 3133

Delta R.T. -0.003 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

ClientSampleId :

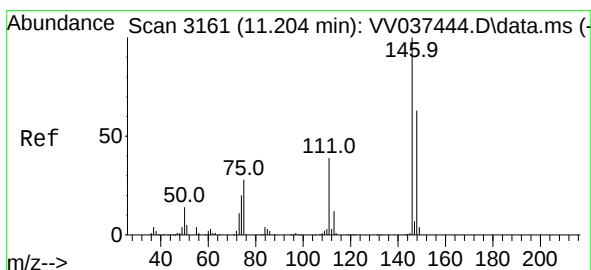
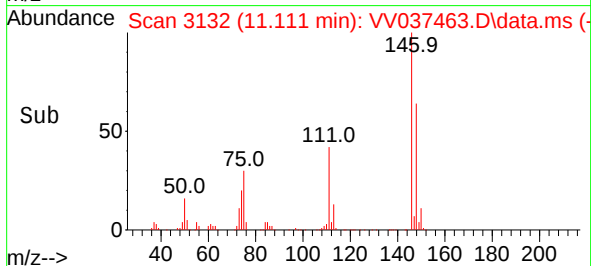
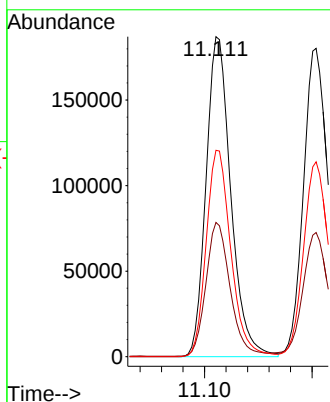
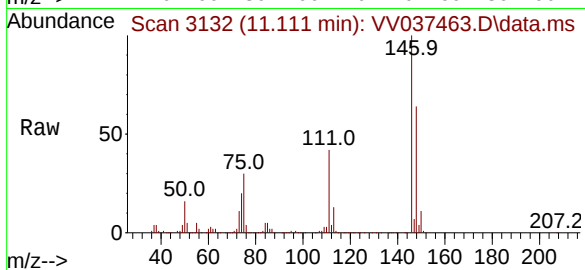
Tgt Ion:146 Resp: 298890

Ion Ratio Lower Upper

146 100

111 42.0 28.8 53.4

148 64.5 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 5.111 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

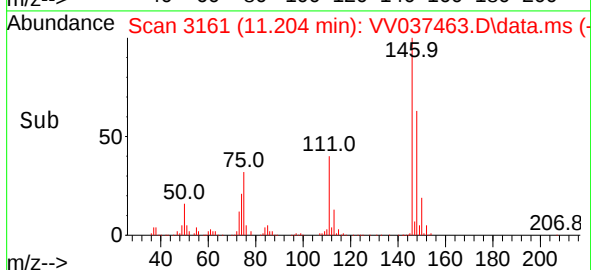
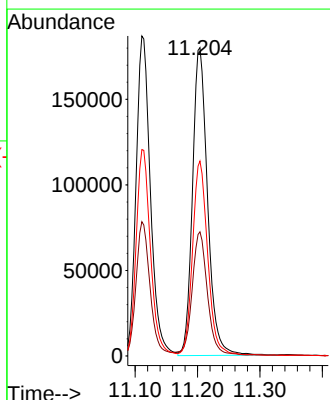
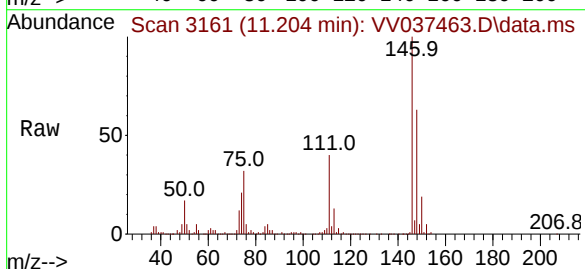
Tgt Ion:146 Resp: 301865

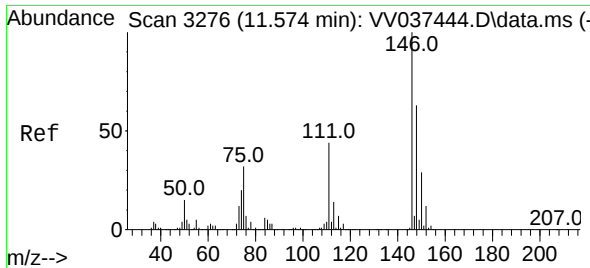
Ion Ratio Lower Upper

146 100

111 40.3 28.2 52.4

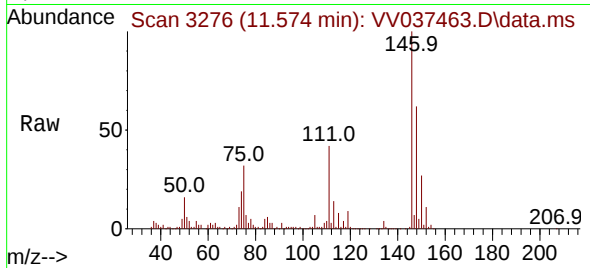
148 63.2 45.8 85.0



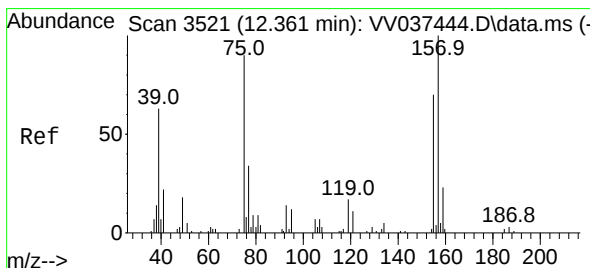
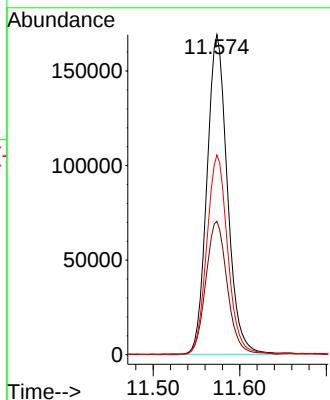
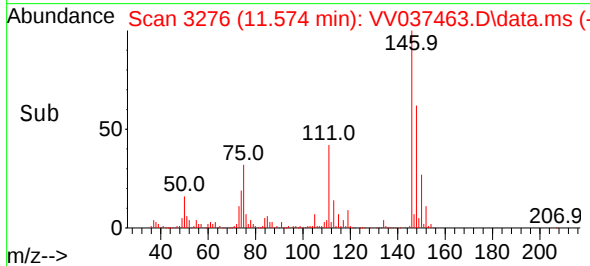


#67
1,2-Dichlorobenzene
Concen: 5.199 ug/L
RT: 11.574 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32

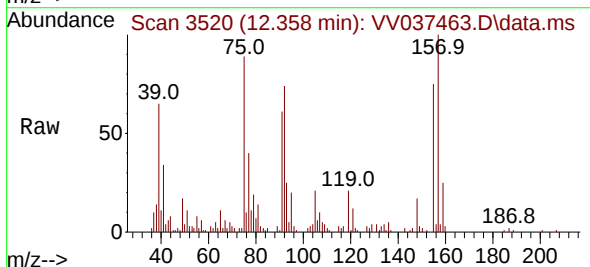
Instrument :
MSVOA_V
ClientSampleId :



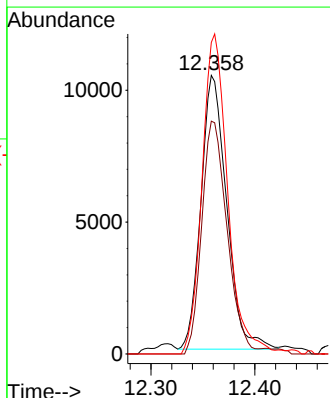
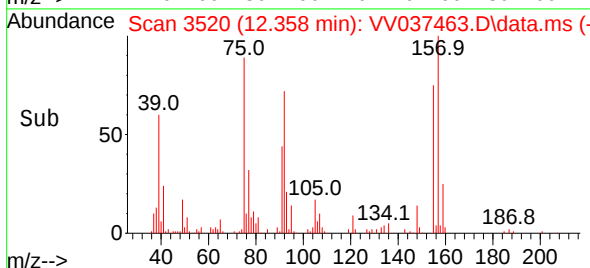
Tgt Ion:146 Resp: 277616
Ion Ratio Lower Upper
146 100
111 41.7 34.4 51.6
148 62.4 51.8 77.6

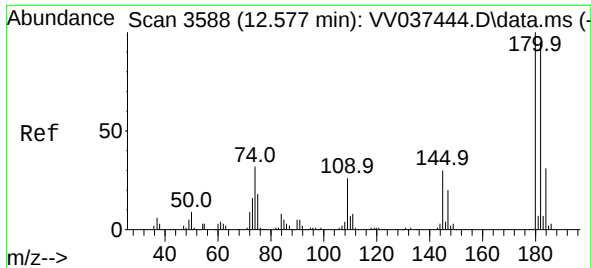


#68
1,2-Dibromo-3-chloropropane
Concen: 5.202 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.003 min
Lab File: VV037463.D
Acq: 21 Sep 2024 04:32



Tgt Ion: 75 Resp: 17869
Ion Ratio Lower Upper
75 100
155 83.6 60.6 90.8
157 111.8 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 5.272 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

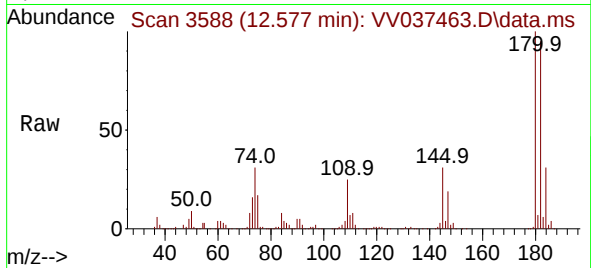
Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 216549

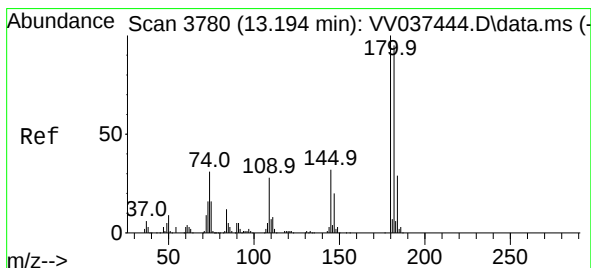
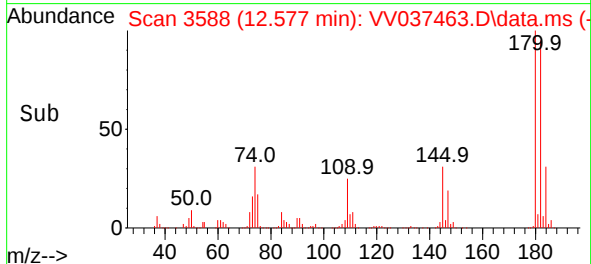
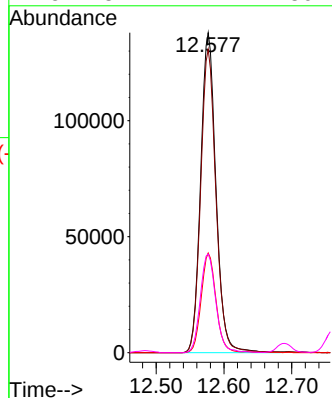
Ion Ratio Lower Upper

180 100

182 94.4 74.3 111.5

184 29.9 24.3 36.5

145 31.4 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 5.699 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

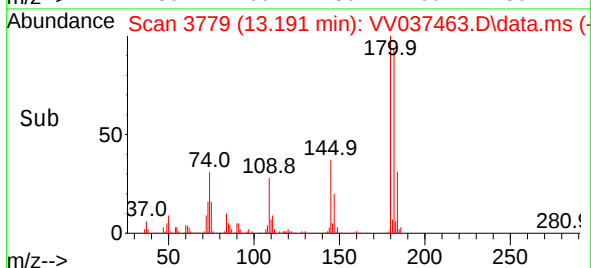
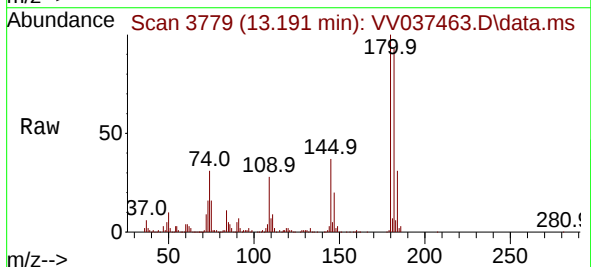
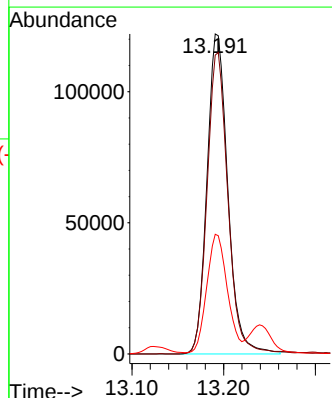
Tgt Ion:180 Resp: 192675

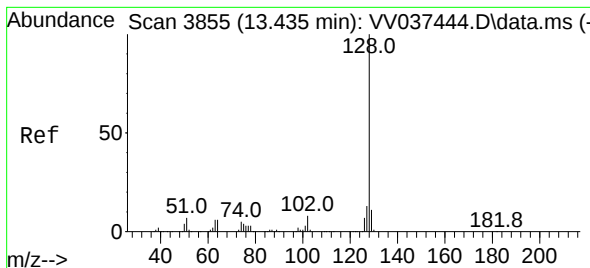
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.0

145 37.0 25.8 38.6





#71

Naphthalene

Concen: 6.808 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Instrument :

MSVOA_V

ClientSampleId :

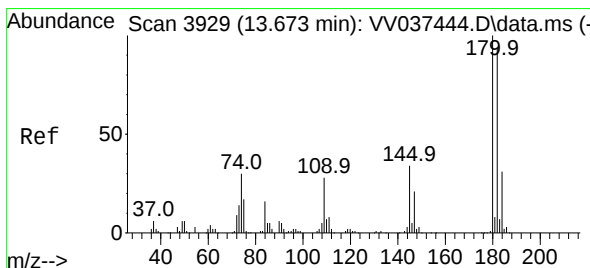
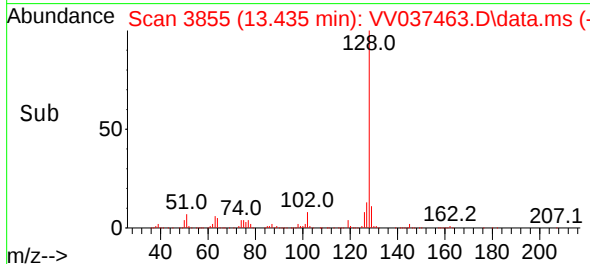
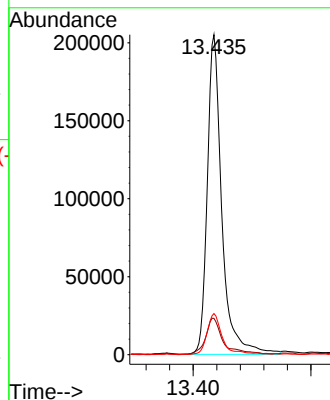
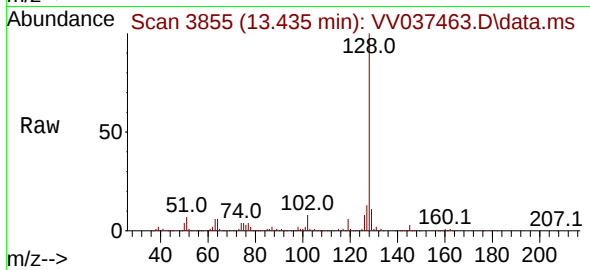
Tgt Ion:128 Resp: 351797

Ion Ratio Lower Upper

128 100

129 13.4 8.6 12.8#

127 13.7 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 6.060 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037463.D

Acq: 21 Sep 2024 04:32

Tgt Ion:180 Resp: 169549

Ion Ratio Lower Upper

180 100

182 95.2 73.4 110.0

145 45.0 27.2 40.8#

