

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
 Data File : VV037504.D
 Acq On : 24 Sep 2024 14:42
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 25 03:00:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 25 02:58:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	360414	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	348309	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	182417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	90370	4.274	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.529	69	82945	3.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.053	65	41383	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.805	46	277635	43.935	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.880%
24) Chloroform-d	4.239	84	215929	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	4.937	65	101161	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	4.950	84	408803	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.982	67	125744	4.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.236	98	382688	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.551	79	46942	4.914	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.021	63	244913	52.473	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.940%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	109025	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	144894	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	151353	4.521	ug/L	100
3) Chloromethane	1.214	50	142967	4.002	ug/L	98
5) Vinyl chloride	1.278	62	154011	4.387	ug/L	98
6) Bromomethane	1.484	94	84179	3.997	ug/L	98
8) Chloroethane	1.545	64	94979	4.499	ug/L	100
9) Trichlorofluoromethane	1.709	101	207399	4.749	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	125630	4.750	ug/L	98
12) 1,1-Dichloroethene	2.063	96	116125	4.598	ug/L	97
13) Acetone	2.143	43	189952	43.172	ug/L	99
14) Carbon disulfide	2.233	76	349683	4.391	ug/L	100
15) Methyl Acetate	2.387	43	47137	4.677	ug/L	98
16) Methylene chloride	2.442	84	133910	4.612	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	302613	5.040	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	133648	5.029	ug/L	98
19) 1,1-Dichloroethane	3.104	63	241382	4.757	ug/L	99
21) 2-Butanone	3.889	43	293332	43.864	ug/L	94
22) cis-1,2-Dichloroethene	3.805	96	144275	5.022	ug/L	97
23) Bromochloromethane	4.140	128	62217	5.001	ug/L	98
25) Chloroform	4.265	83	247535	4.842	ug/L	97

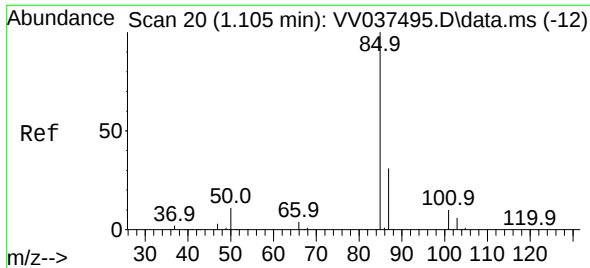
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	138072	4.774	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	212293	5.140	ug/L	98
30) Cyclohexane	4.571	56	203211	5.072	ug/L	99
31) Carbon tetrachloride	4.725	117	180490	5.134	ug/L	99
33) Benzene	5.002	78	524657	4.999	ug/L	100
34) Trichloroethene	5.825	95	142874	5.052	ug/L	98
35) Methylcyclohexane	6.040	83	222445	5.174	ug/L	99
37) 1,2-Dichloropropane	6.085	63	130384	4.883	ug/L	98
38) Bromodichloromethane	6.426	83	165690	4.957	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	193968	5.015	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	736362	48.171	ug/L	96
42) Toluene	7.307	91	565835	5.183	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	152892	4.899	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	98324	5.145	ug/L	98
47) Tetrachloroethene	7.899	164	109269	5.398	ug/L	97
48) 2-Hexanone	8.072	43	534822	47.868	ug/L	97
49) Dibromochloromethane	8.169	129	100830	5.036	ug/L	99
50) 1,2-Dibromoethane	8.278	107	91758	5.082	ug/L	99
51) Chlorobenzene	8.808	112	373561	5.139	ug/L	98
52) Ethylbenzene	8.940	91	639762	5.251	ug/L	99
53) m,p-Xylene	9.066	106	241034	5.377	ug/L	100
54) o-Xylene	9.471	106	236453	5.328	ug/L	98
55) Styrene	9.490	104	403378	5.361	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	116418	5.043	ug/L	96
59) Bromoform	9.661	173	49888	4.675	ug/L	98
60) Isopropylbenzene	9.860	105	642851	5.265	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	78898	4.753	ug/L	96
62) 1,3,5-Trimethylbenzene	10.471	105	516717	5.337	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	521233	5.359	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	300681	5.209	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	306686	5.181	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	272503	5.092	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	16214	4.710	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	218654	5.312	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	184364	5.441	ug/L	99
71) Naphthalene	13.435	128	281736	5.441	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	156163	5.570	ug/L	97

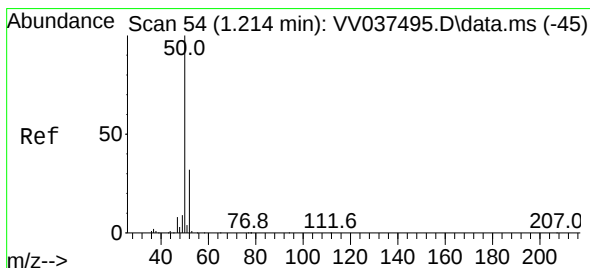
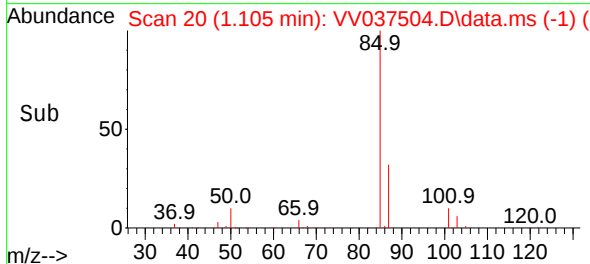
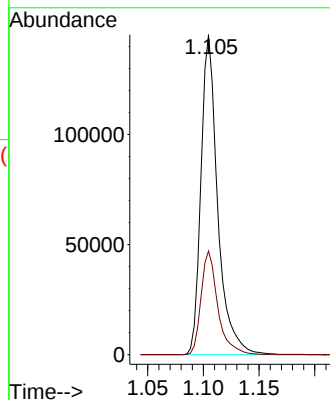
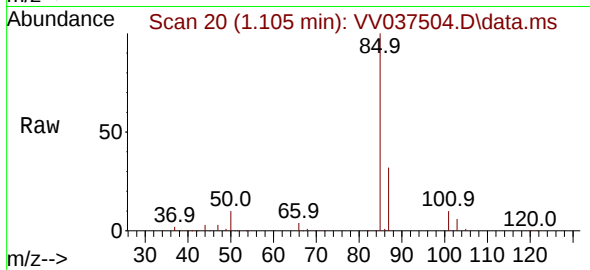
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.521 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV037504.D
 Acq: 24 Sep 2024 14:42

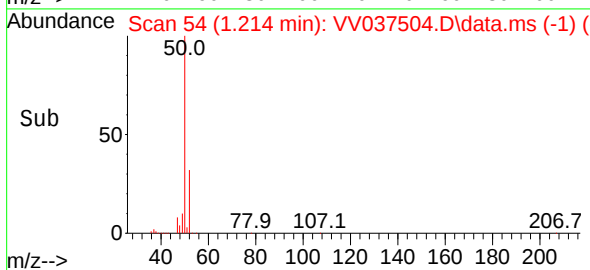
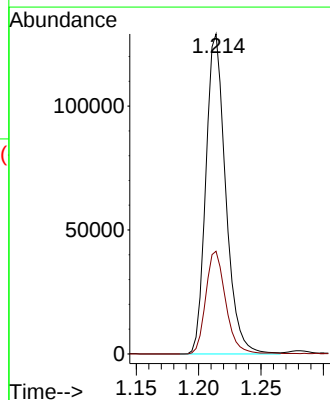
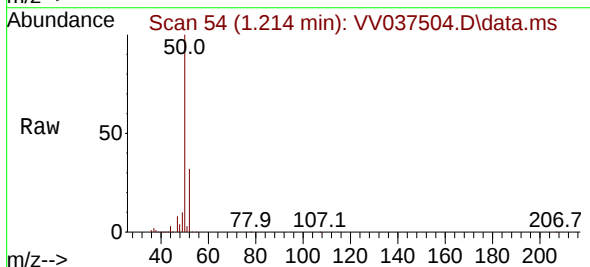
Instrument :
 MSVOA_V
 ClientSampleId :

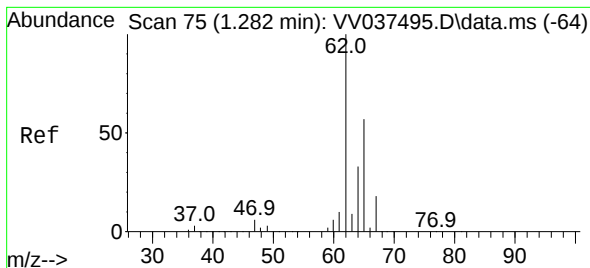
Tgt Ion: 85 Resp: 151353
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 4.002 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV037504.D
 Acq: 24 Sep 2024 14:42

Tgt Ion: 50 Resp: 142967
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.3 43.3





#5

Vinyl chloride

Concen: 4.387 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

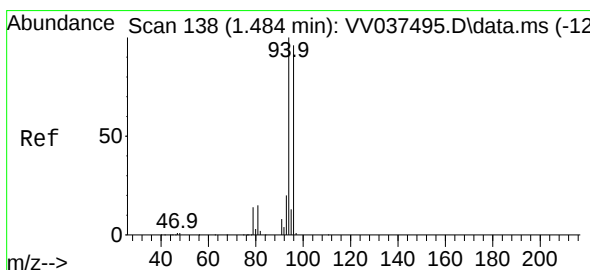
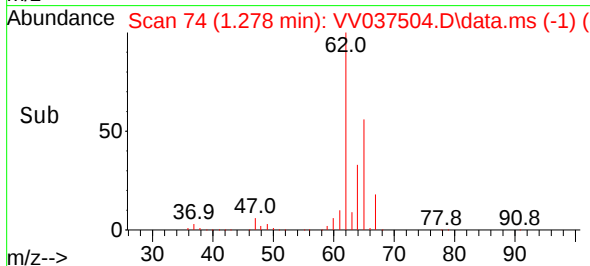
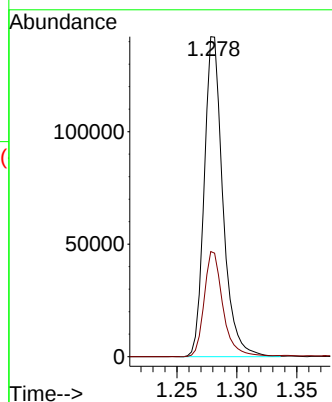
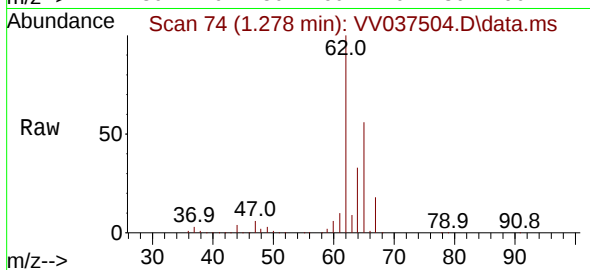
ClientSampleId :

Tgt Ion: 62 Resp: 154011

Ion Ratio Lower Upper

62 100

64 32.8 22.4 41.6



#6

Bromomethane

Concen: 3.997 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV037504.D

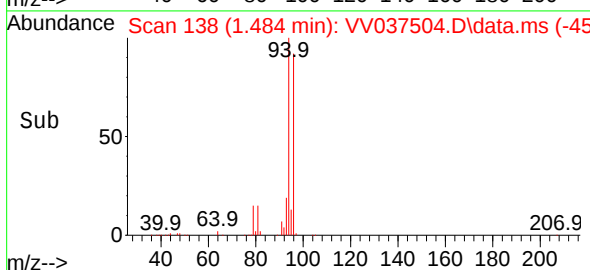
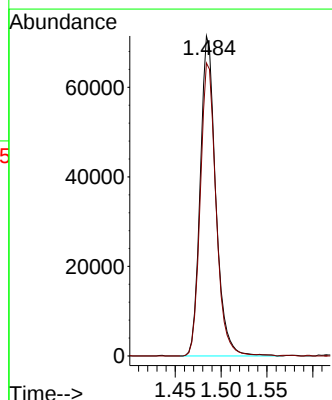
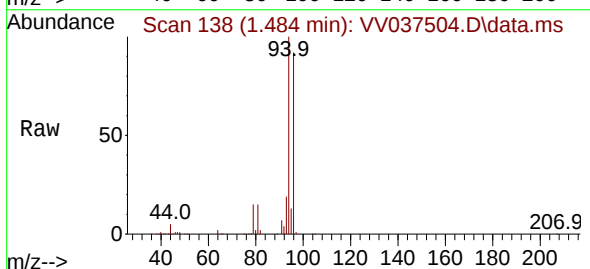
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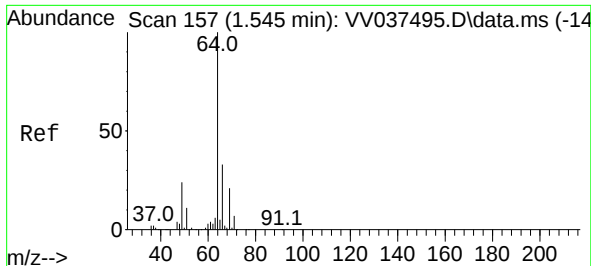
Tgt Ion: 94 Resp: 84179

Ion Ratio Lower Upper

94 100

96 91.5 65.3 121.3

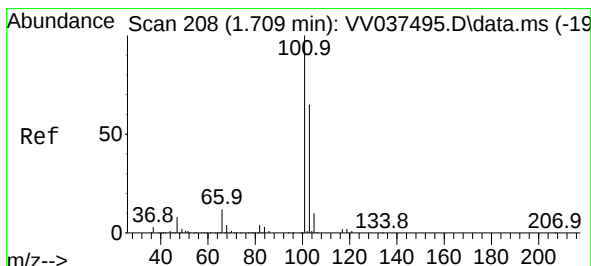
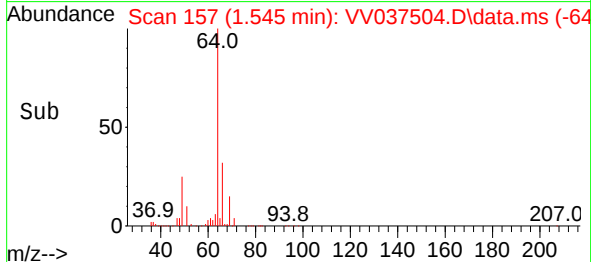
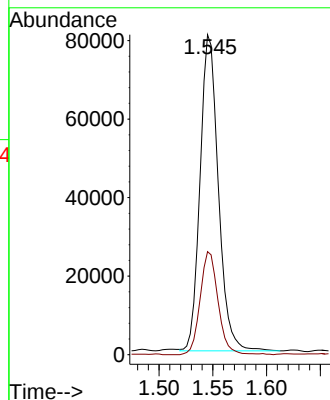
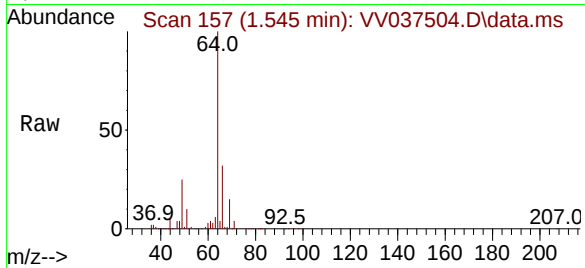




#8
Chloroethane
Concen: 4.499 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

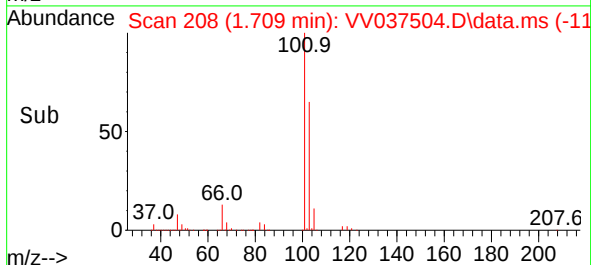
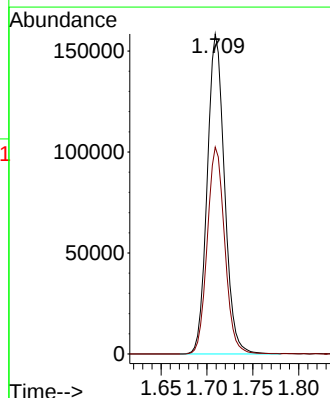
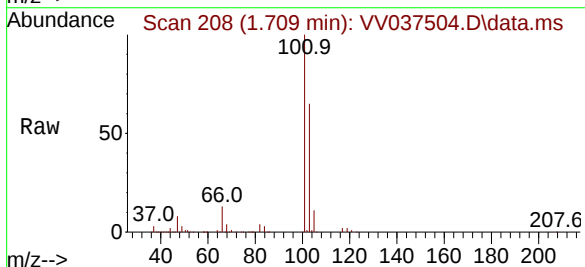
Instrument :
MSVOA_V
ClientSampleId :

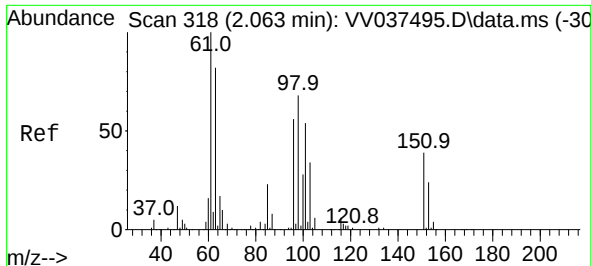
Tgt Ion: 64 Resp: 94979
Ion Ratio Lower Upper
64 100
66 32.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.749 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

Tgt Ion:101 Resp: 207399
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

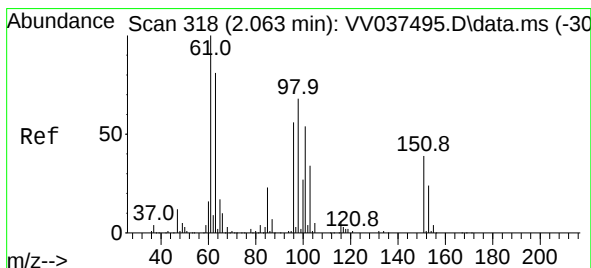
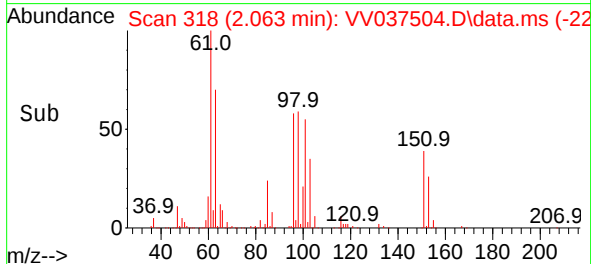
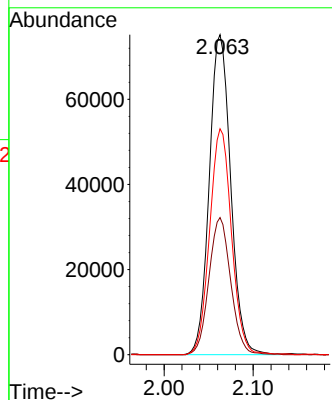
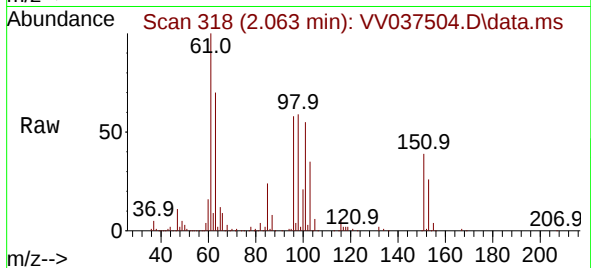




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.750 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV037504.D
 Acq: 24 Sep 2024 14:42

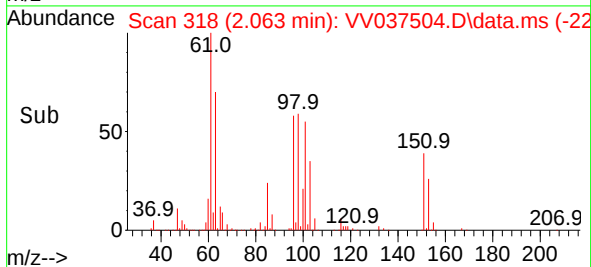
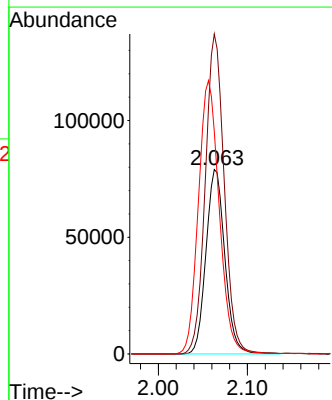
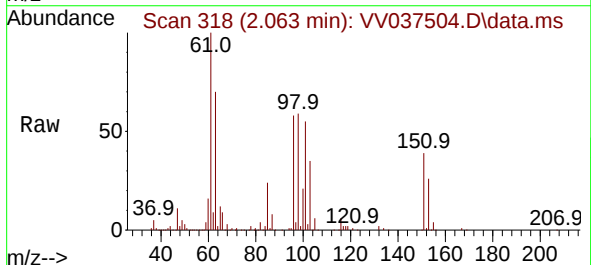
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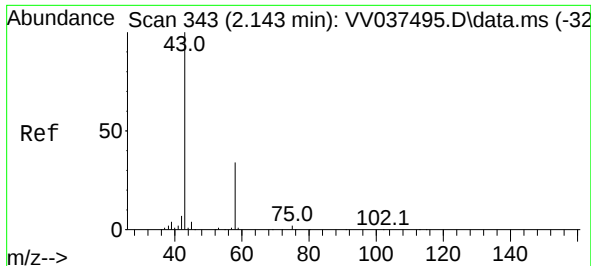
Tgt Ion:101 Resp: 125630
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.1 52.7
 151 72.0 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.598 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV037504.D
 Acq: 24 Sep 2024 14:42

Tgt Ion: 96 Resp: 116125
 Ion Ratio Lower Upper
 96 100
 61 173.4 119.9 222.7
 63 120.7 81.4 151.2





#13

Acetone

Concen: 43.172 ug/L

RT: 2.143 min Scan# 343

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

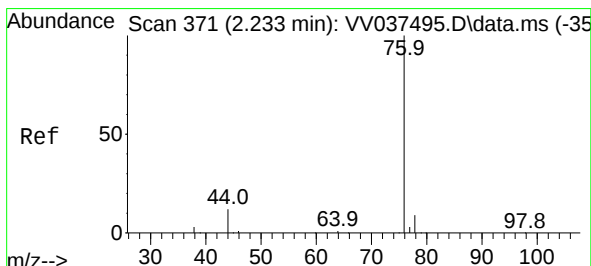
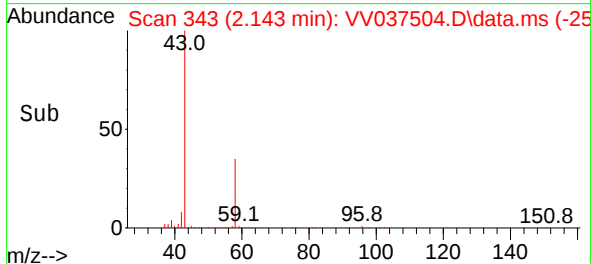
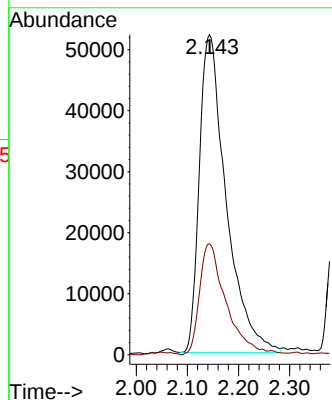
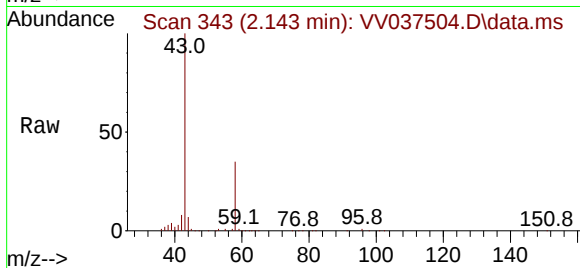
ClientSampleId :

Tgt Ion: 43 Resp: 189952

Ion Ratio Lower Upper

43 100

58 34.1 0.0 69.2



#14

Carbon disulfide

Concen: 4.391 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV037504.D

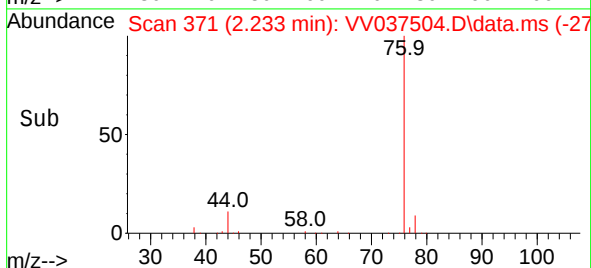
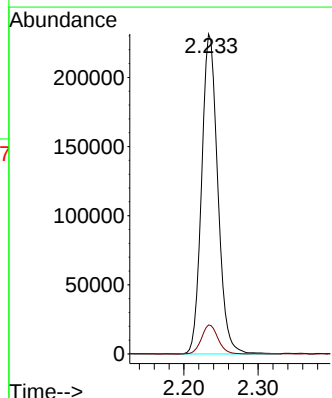
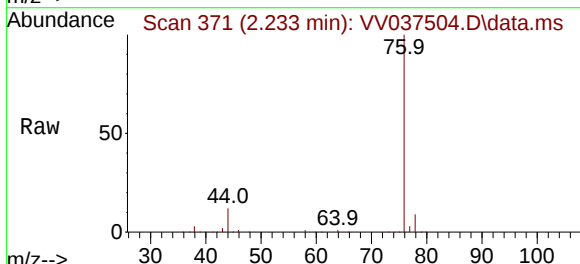
Acq: 24 Sep 2024 14:42

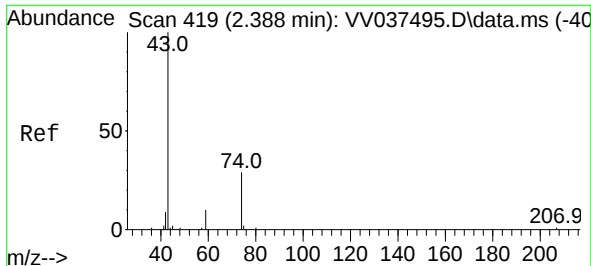
Tgt Ion: 76 Resp: 349683

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 4.677 ug/L

RT: 2.387 min Scan# 419

Delta R.T. -0.000 min

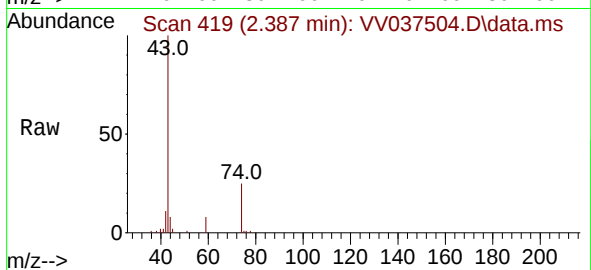
Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :

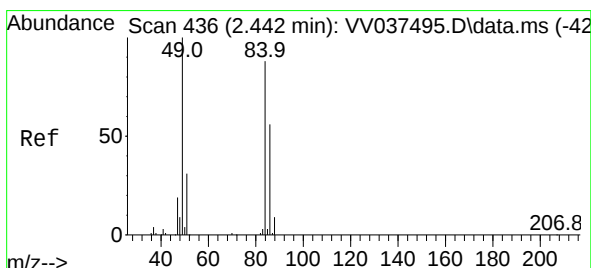
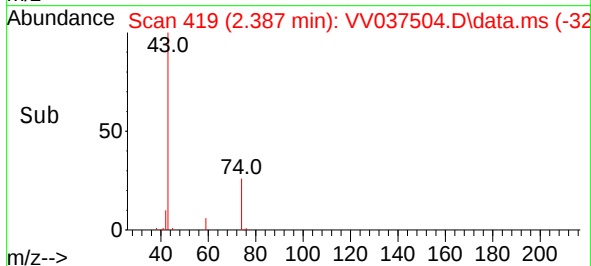
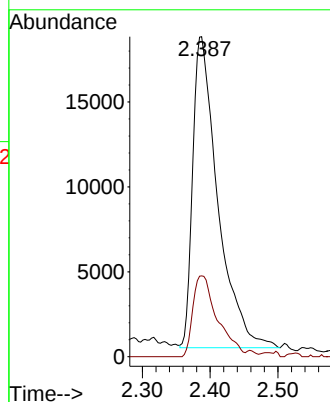


Tgt Ion: 43 Resp: 47137

Ion Ratio Lower Upper

43 100

74 25.4 21.0 31.4



#16

Methylene chloride

Concen: 4.612 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

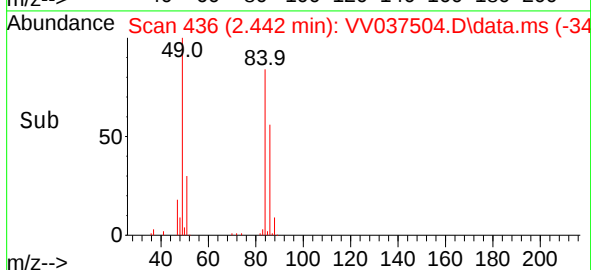
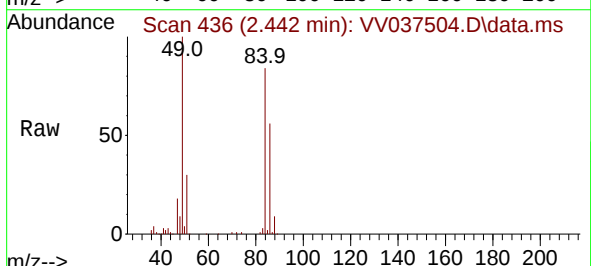
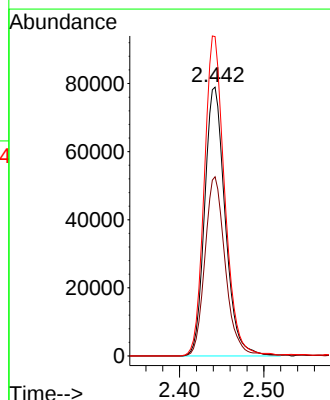
Tgt Ion: 84 Resp: 133910

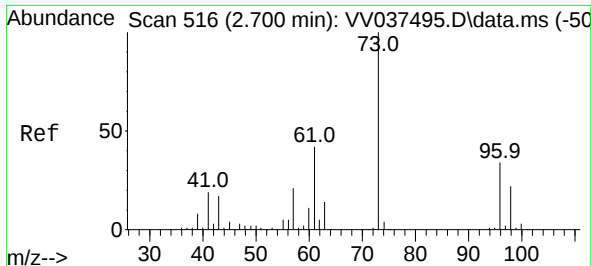
Ion Ratio Lower Upper

84 100

86 66.6 44.0 81.8

49 118.8 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 5.040 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :

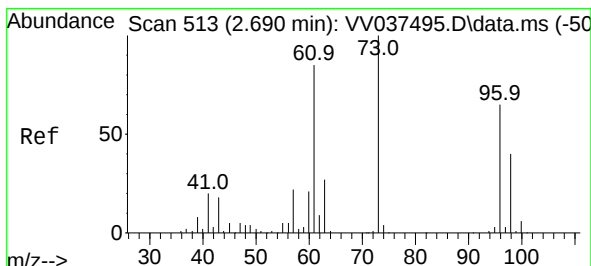
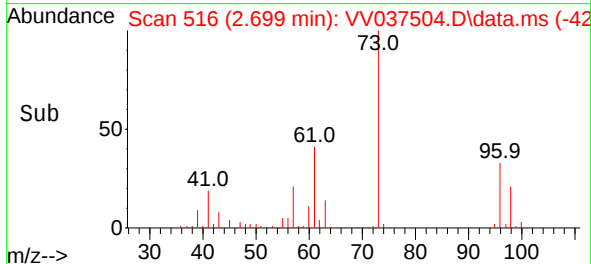
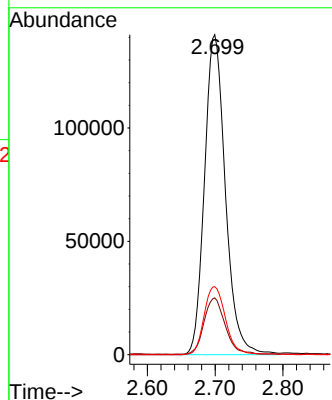
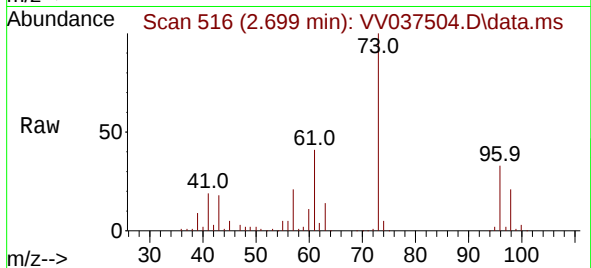
Tgt Ion: 73 Resp: 302613

Ion Ratio Lower Upper

73 100

43 17.6 14.5 21.7

57 21.7 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 5.029 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.003 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

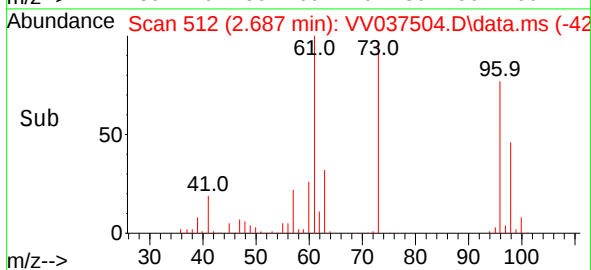
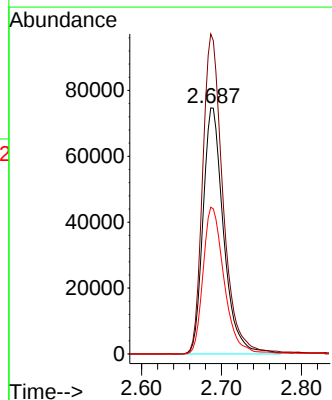
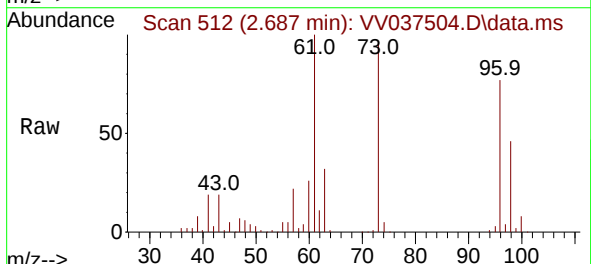
Tgt Ion: 96 Resp: 133648

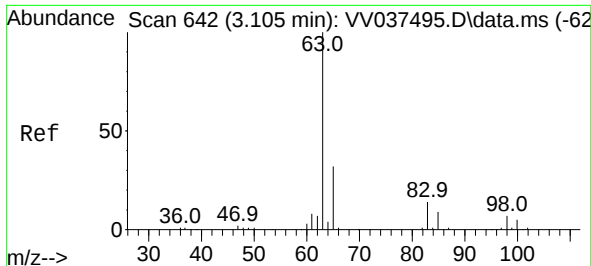
Ion Ratio Lower Upper

96 100

61 130.1 92.8 172.4

98 59.7 43.0 79.8

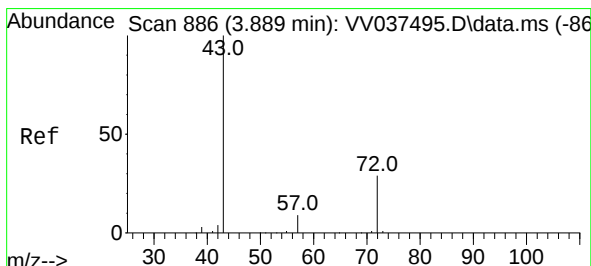
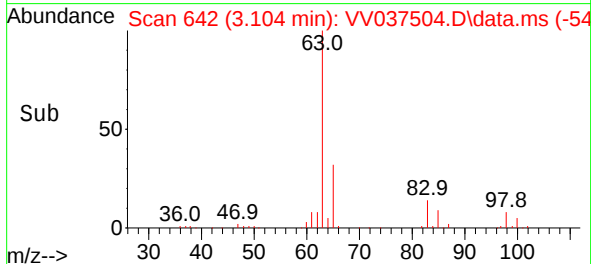
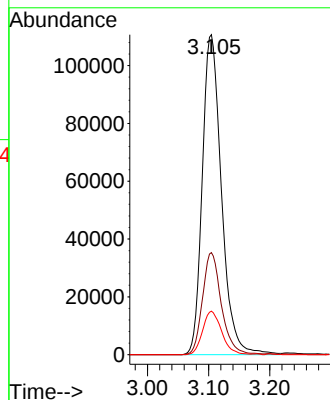
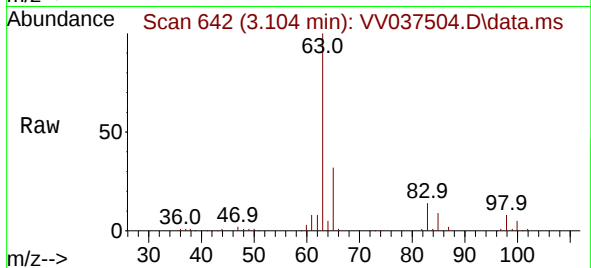




#19
1,1-Dichloroethane
Concen: 4.757 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

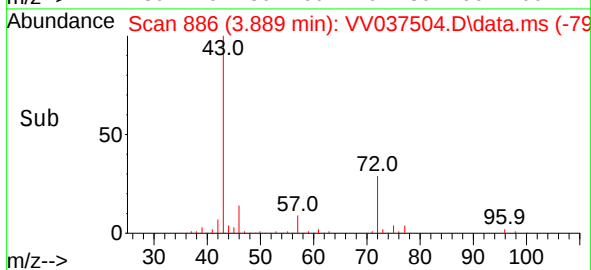
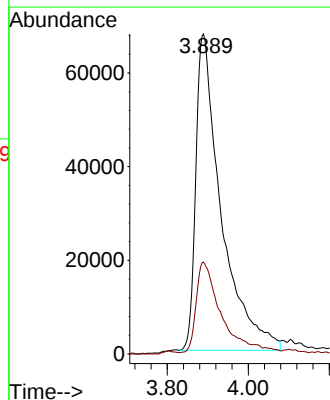
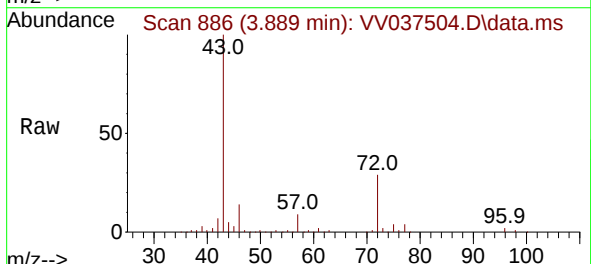
Instrument :
MSVOA_V
ClientSampleId :

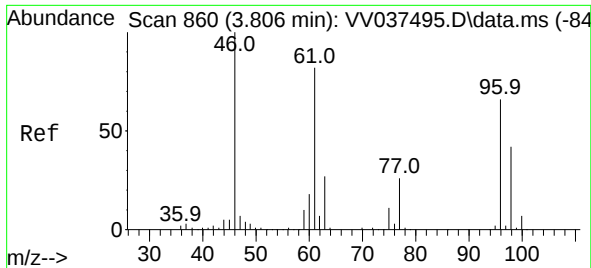
Tgt Ion: 63 Resp: 241382
Ion Ratio Lower Upper
63 100
65 31.9 22.5 41.7
83 13.6 8.9 16.5



#21
2-Butanone
Concen: 43.864 ug/L
RT: 3.889 min Scan# 886
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

Tgt Ion: 43 Resp: 293332
Ion Ratio Lower Upper
43 100
72 27.4 12.2 36.6

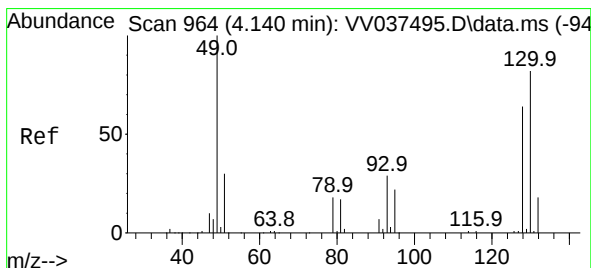
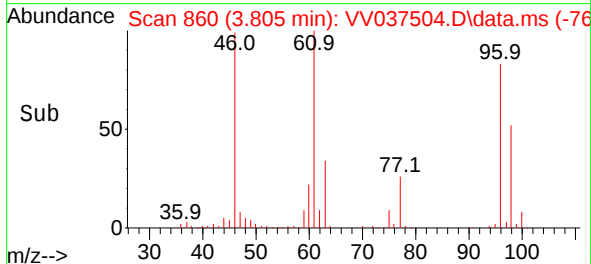
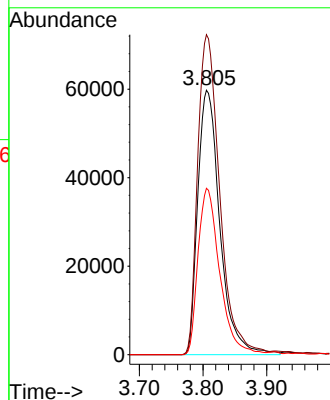
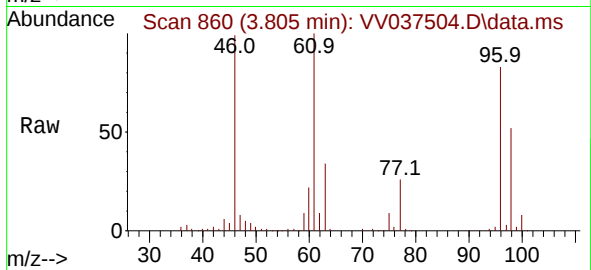




#22
cis-1,2-Dichloroethene
Concen: 5.022 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

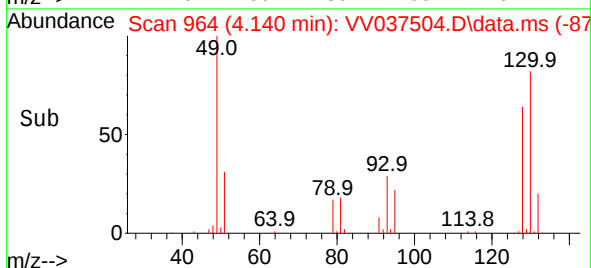
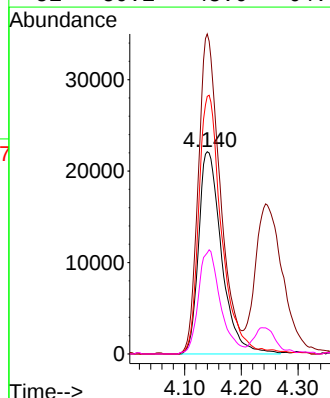
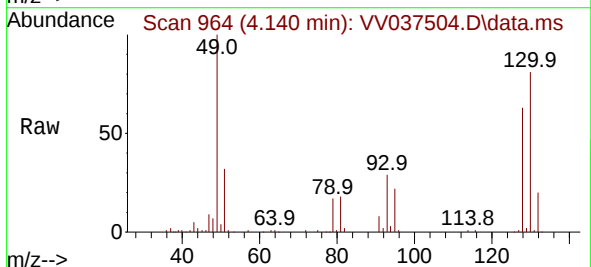
Instrument :
MSVOA_V
ClientSampleId :

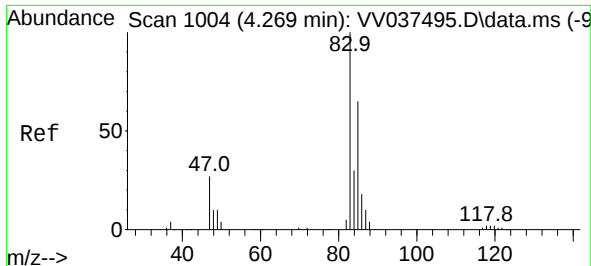
Tgt Ion: 96 Resp: 144275
Ion Ratio Lower Upper
96 100
61 121.0 87.6 162.6
98 62.9 44.9 83.5



#23
Bromochloromethane
Concen: 5.001 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

Tgt Ion:128 Resp: 62217
Ion Ratio Lower Upper
128 100
49 158.3 114.0 211.8
130 127.5 89.3 165.9
51 50.1 43.0 64.4





#25

Chloroform

Concen: 4.842 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

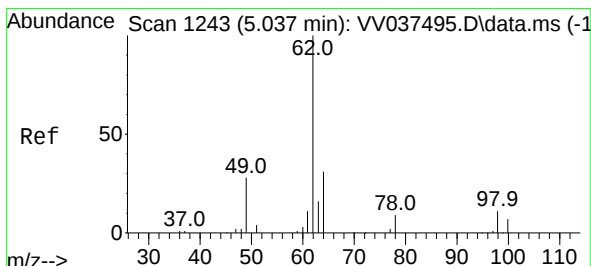
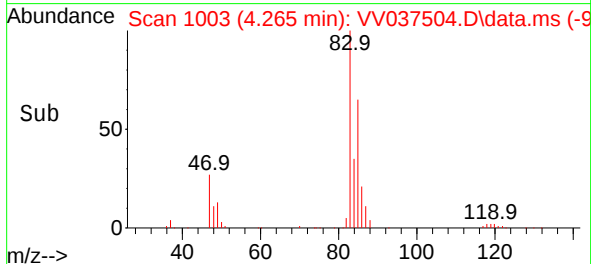
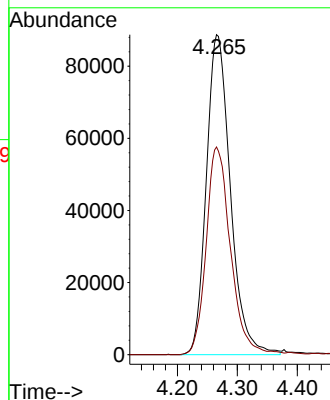
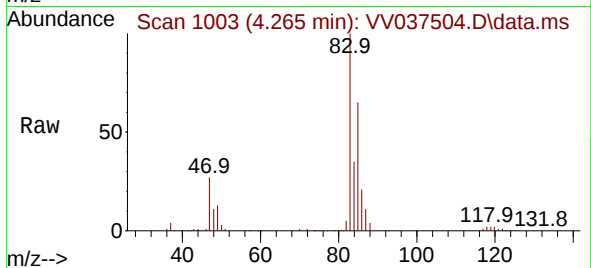
ClientSampleId :

Tgt Ion: 83 Resp: 247535

Ion Ratio Lower Upper

83 100

85 64.9 43.8 81.4



#27

1,2-Dichloroethane

Concen: 4.774 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV037504.D

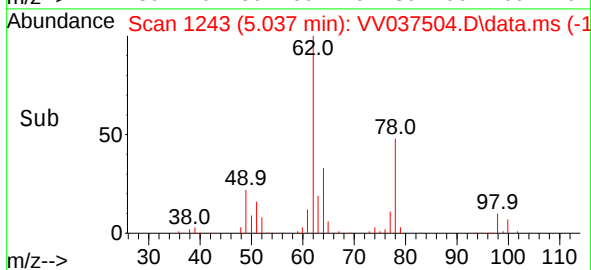
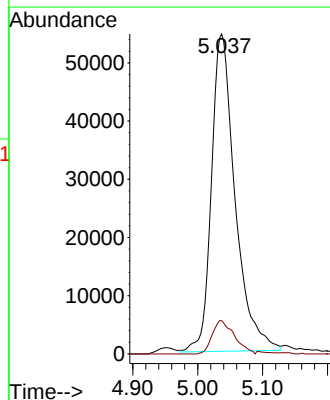
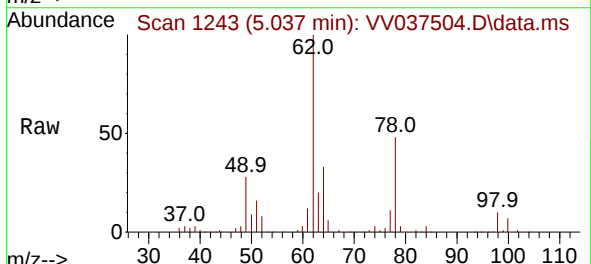
Acq: 24 Sep 2024 14:42

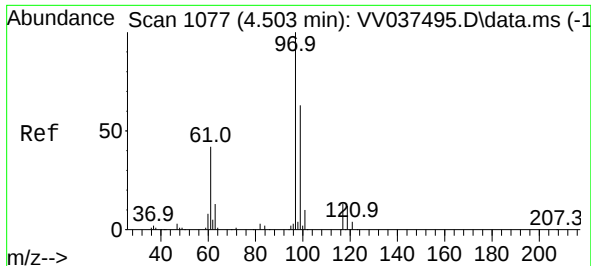
Tgt Ion: 62 Resp: 138072

Ion Ratio Lower Upper

62 100

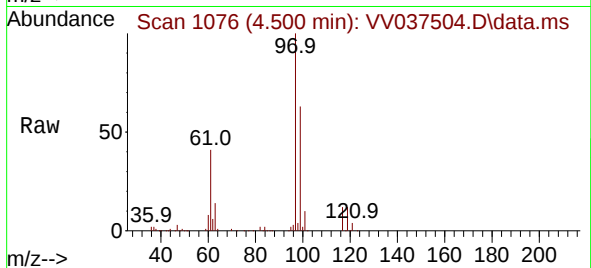
98 10.4 8.2 12.4





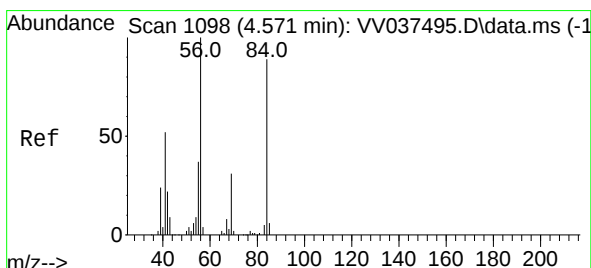
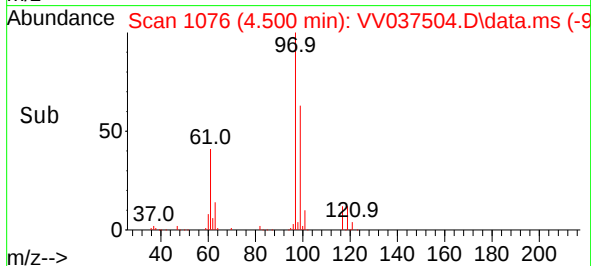
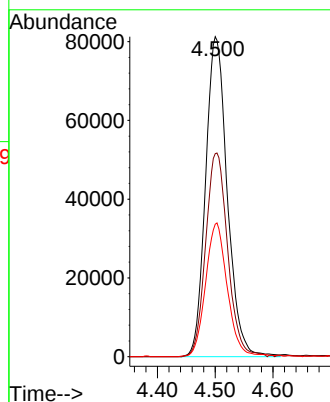
#29
1,1,1-Trichloroethane
Concen: 5.140 ug/L
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 212293

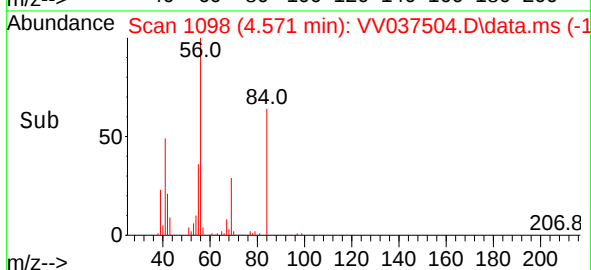
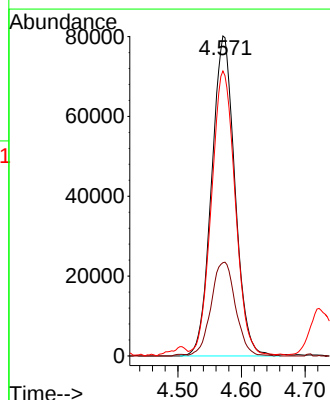
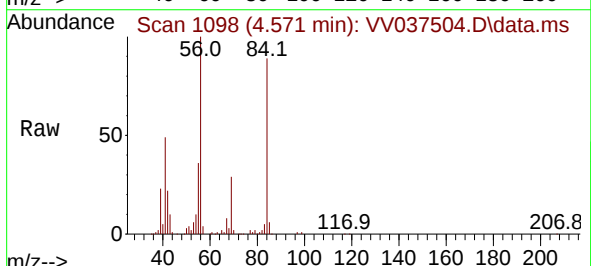
Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.0	75.0
61	41.5	34.3	51.5

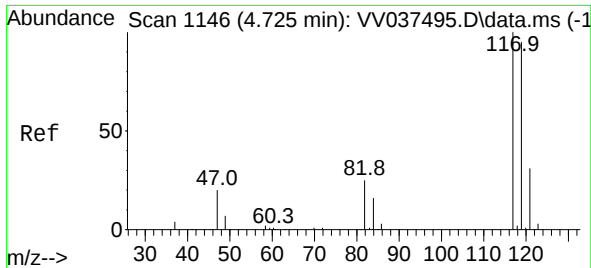


#30
Cyclohexane
Concen: 5.072 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

Tgt Ion: 56 Resp: 203211

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.1	36.1
84	90.2	73.1	109.7

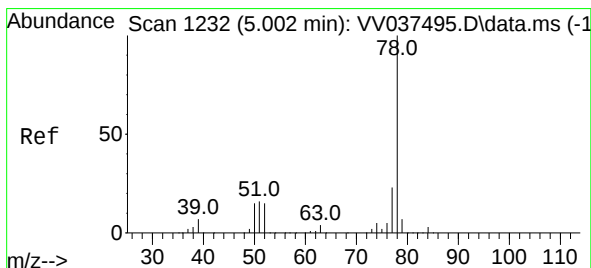
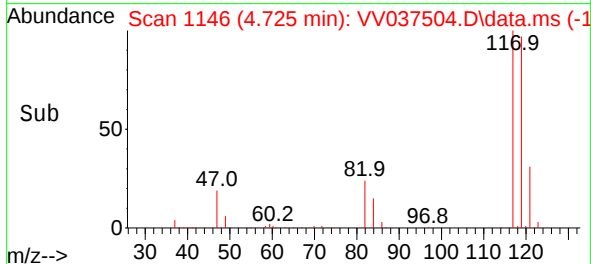
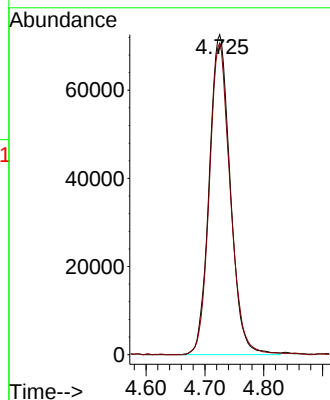
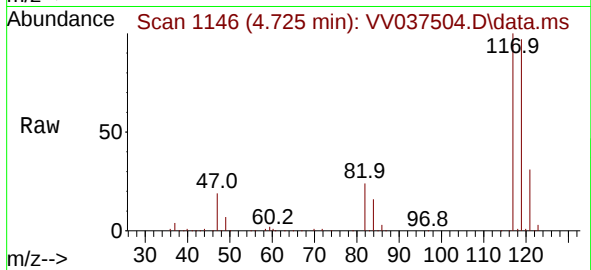




#31
Carbon tetrachloride
Concen: 5.134 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

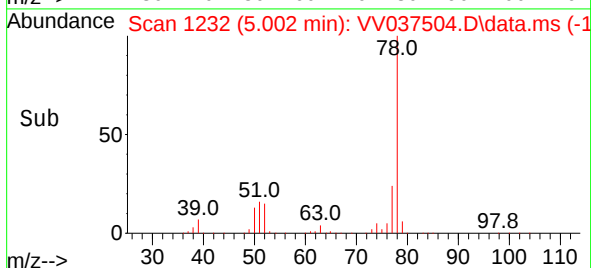
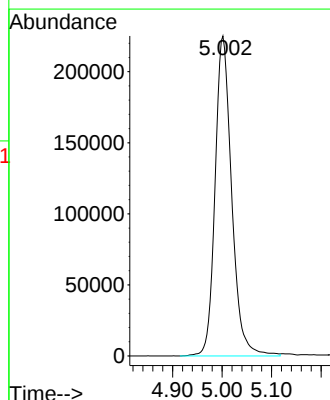
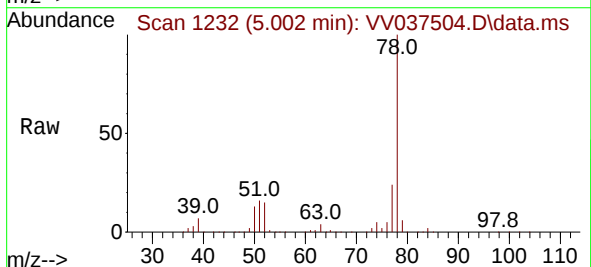
Instrument :
MSVOA_V
ClientSampleId :

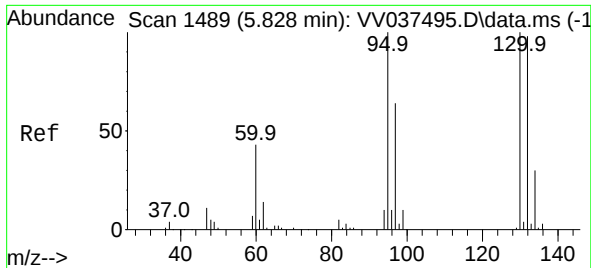
Tgt Ion:117 Resp: 180490
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.4



#33
Benzene
Concen: 4.999 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

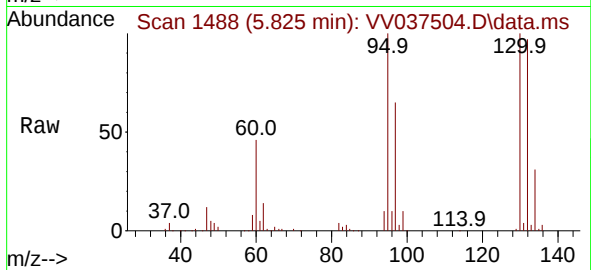
Tgt Ion: 78 Resp: 524657





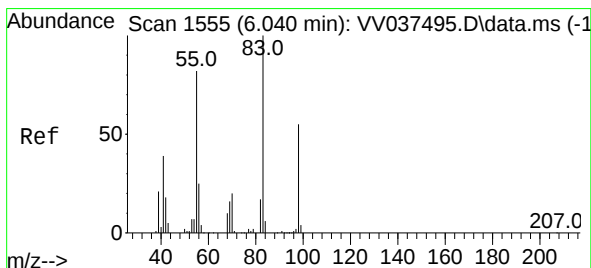
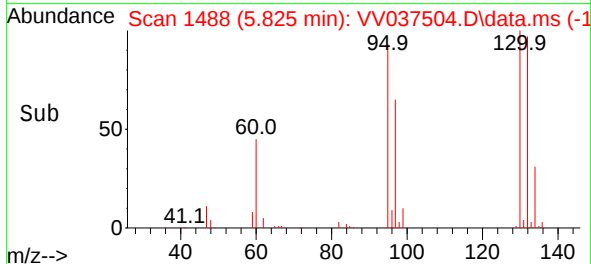
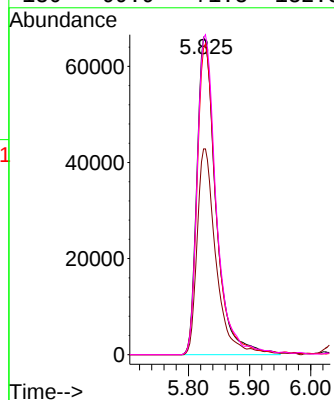
#34
 Trichloroethene
 Concen: 5.052 ug/L
 RT: 5.825 min Scan# 1489
 Delta R.T. -0.003 min
 Lab File: VV037504.D
 Acq: 24 Sep 2024 14:42

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 95 Resp: 142874

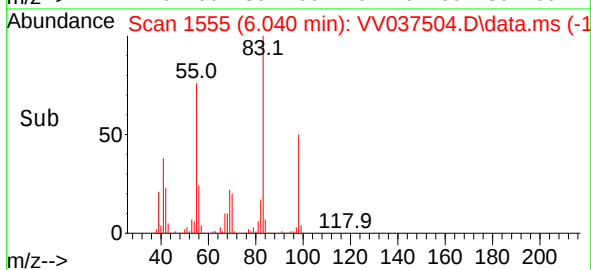
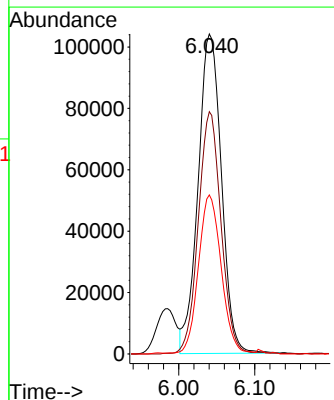
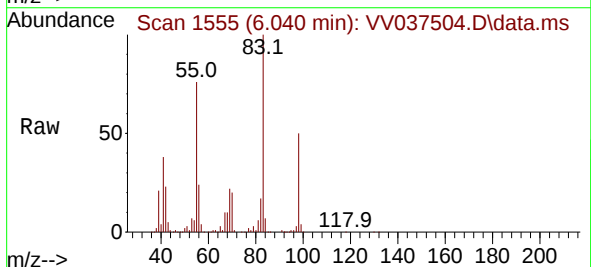
Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.5	86.5
132	96.6	65.5	121.7
130	99.9	71.3	132.3

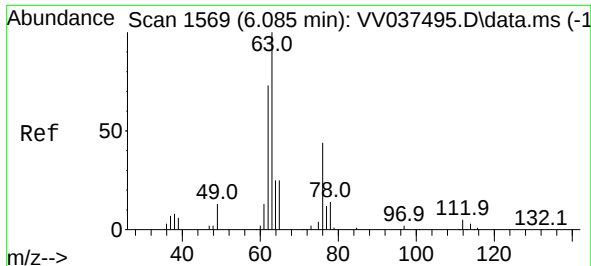


#35
 Methylcyclohexane
 Concen: 5.174 ug/L
 RT: 6.040 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VV037504.D
 Acq: 24 Sep 2024 14:42

Tgt Ion: 83 Resp: 222445

Ion	Ratio	Lower	Upper
83	100		
55	74.0	60.3	90.5
98	47.9	38.2	57.4

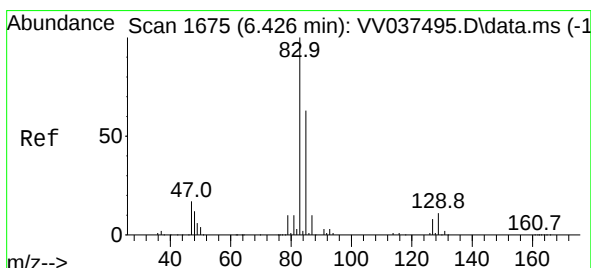
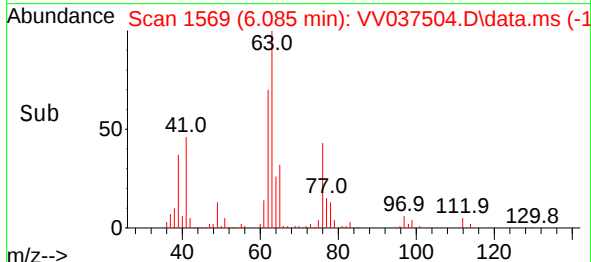
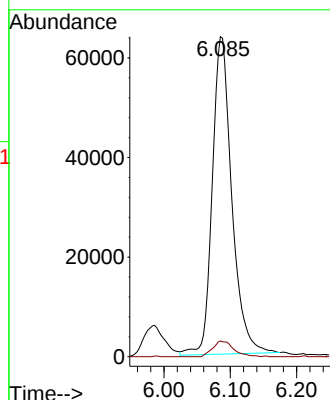
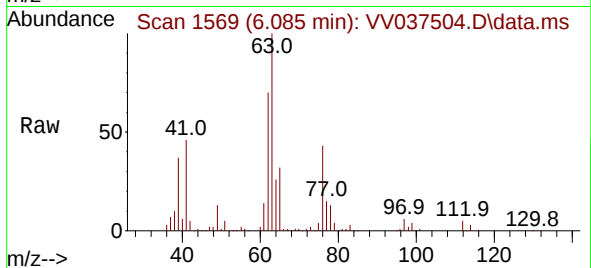




#37
1,2-Dichloropropane
Concen: 4.883 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

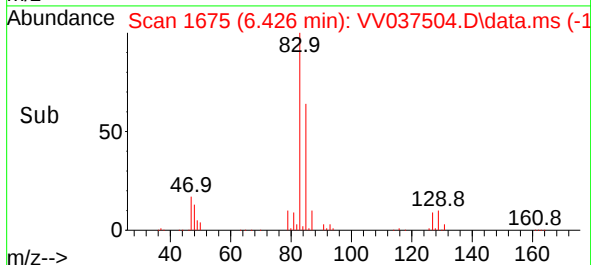
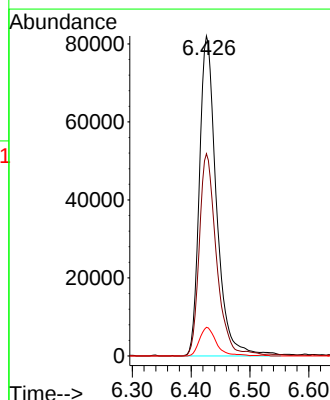
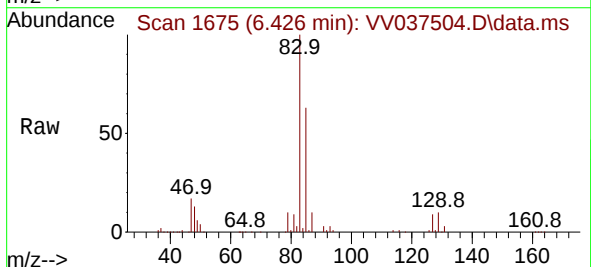
Instrument :
MSVOA_V
ClientSampleId :

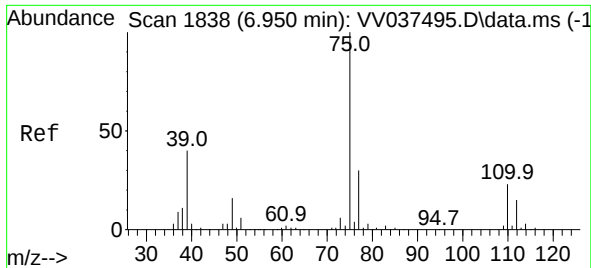
Tgt Ion: 63 Resp: 130384
Ion Ratio Lower Upper
63 100
112 5.3 3.7 5.5



#38
Bromodichloromethane
Concen: 4.957 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

Tgt Ion: 83 Resp: 165690
Ion Ratio Lower Upper
83 100
85 63.2 43.7 81.1
127 9.0 6.7 10.1

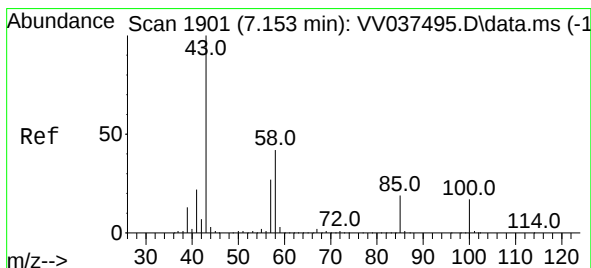
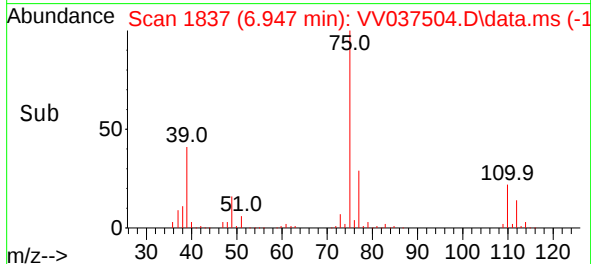
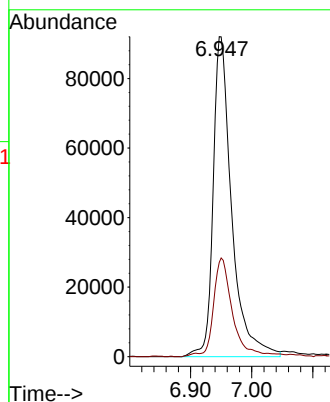
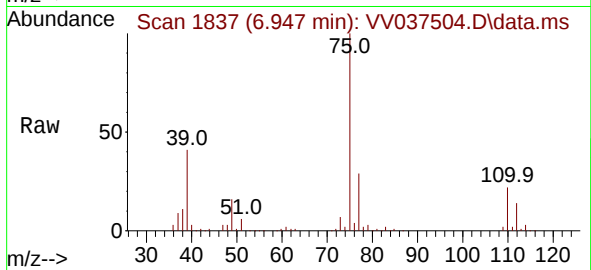




#39
 cis-1,3-Dichloropropene
 Concen: 5.015 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV037504.D
 Acq: 24 Sep 2024 14:42

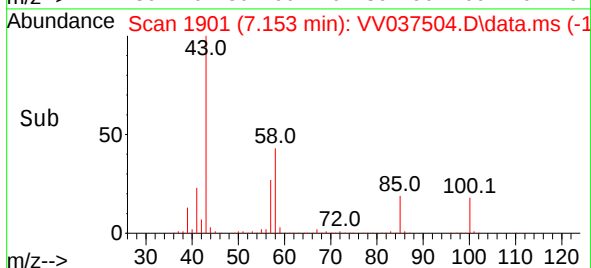
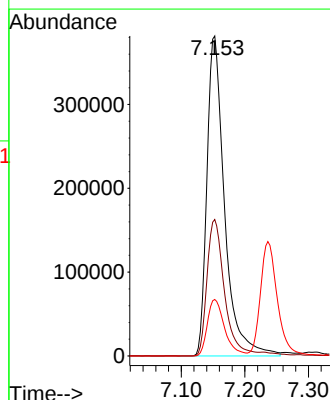
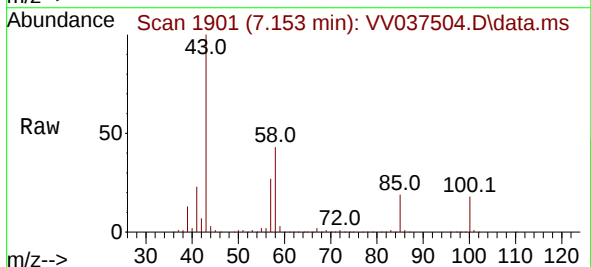
Instrument :
 MSVOA_V
 ClientSampleId :

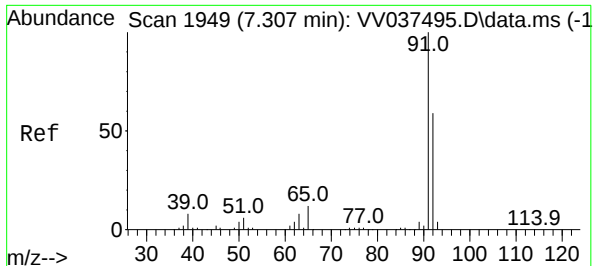
Tgt Ion: 75 Resp: 193968
 Ion Ratio Lower Upper
 75 100
 77 29.5 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 48.171 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV037504.D
 Acq: 24 Sep 2024 14:42

Tgt Ion: 43 Resp: 736362
 Ion Ratio Lower Upper
 43 100
 58 42.2 31.7 47.5
 100 17.3 12.6 19.0





#42

Toluene

Concen: 5.183 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

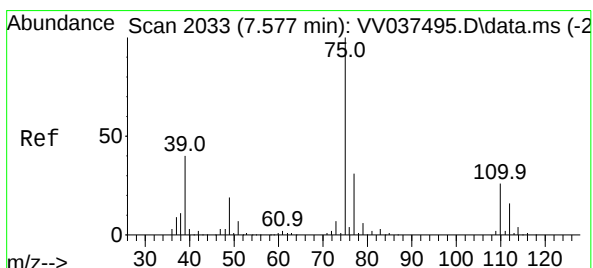
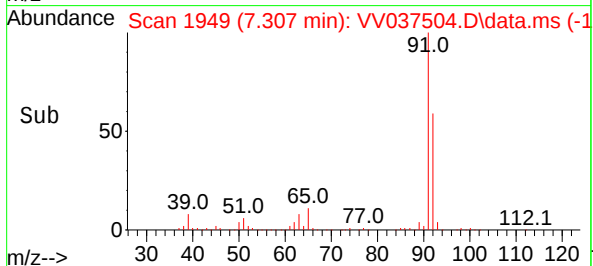
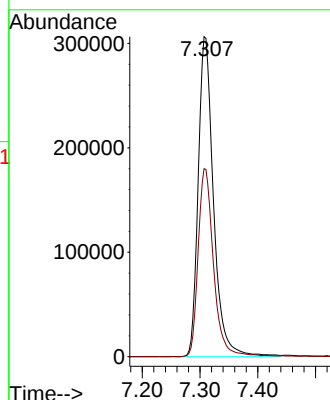
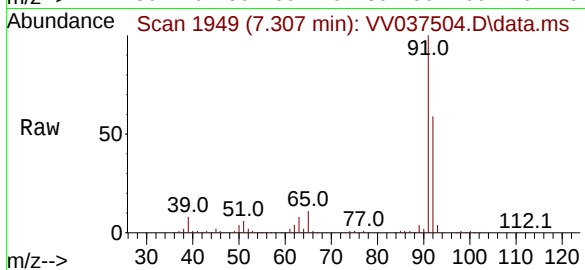
ClientSampleId :

Tgt Ion: 91 Resp: 565835

Ion Ratio Lower Upper

91 100

92 58.8 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 4.899 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV037504.D

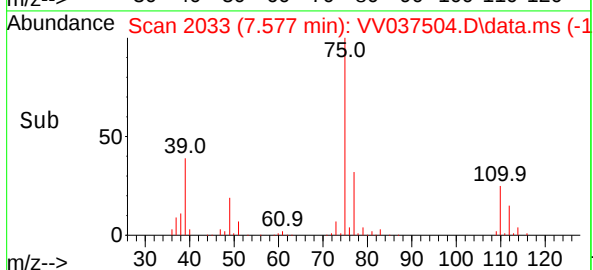
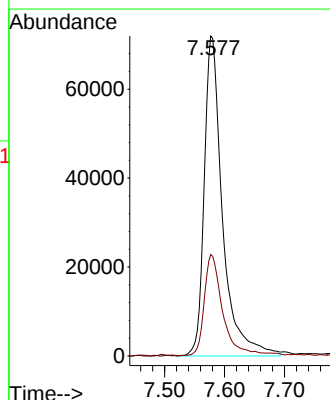
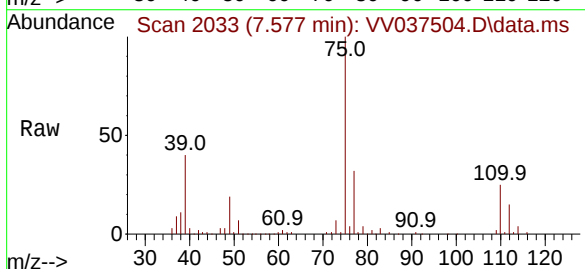
Acq: 24 Sep 2024 14:42

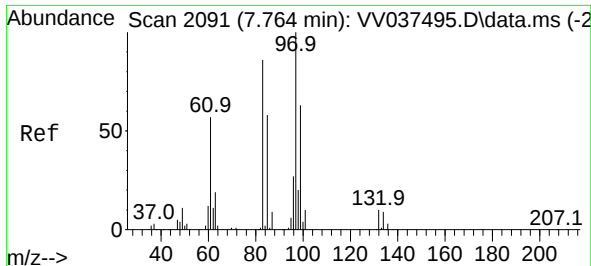
Tgt Ion: 75 Resp: 152892

Ion Ratio Lower Upper

75 100

77 31.7 20.9 38.9





#45

1,1,2-Trichloroethane

Concen: 5.145 ug/L

RT: 7.763 min Scan# 2091

Delta R.T. -0.000 min

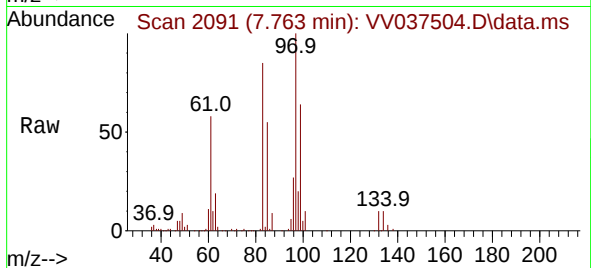
Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 98324

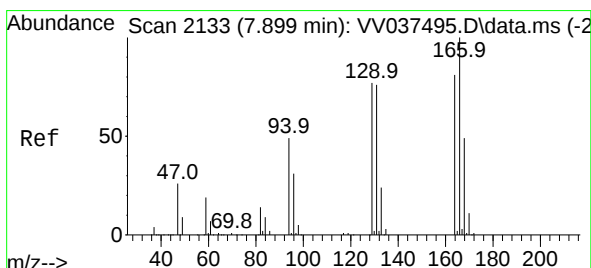
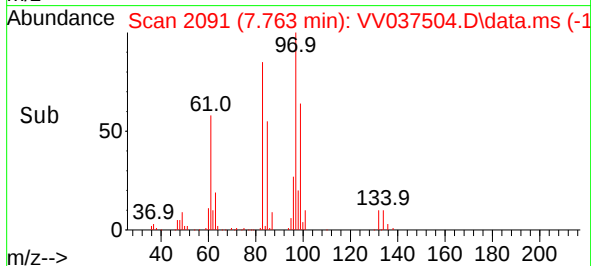
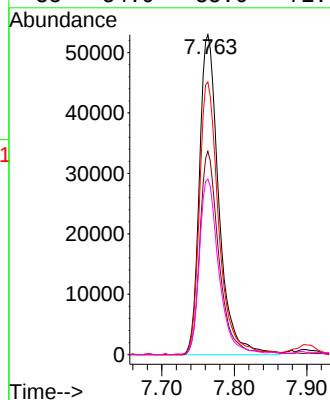
Ion Ratio Lower Upper

97 100

99 63.6 43.1 80.1

83 85.2 61.0 113.4

85 54.9 38.6 71.6



#47

Tetrachloroethene

Concen: 5.398 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Tgt Ion: 164 Resp: 109269

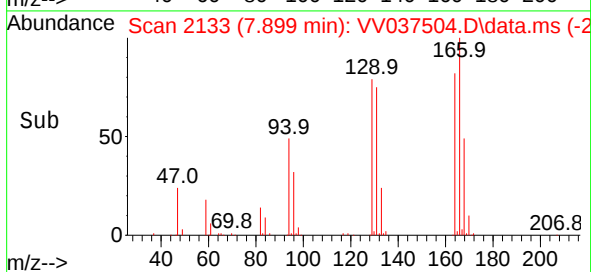
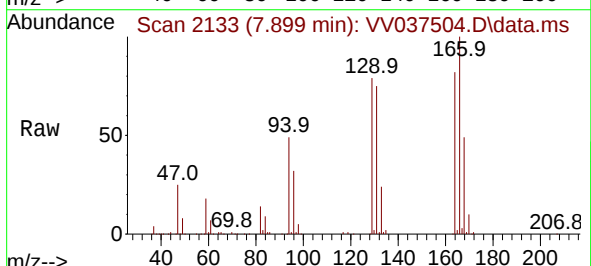
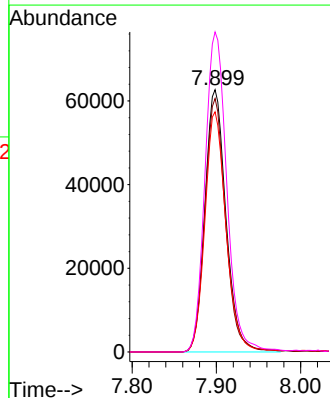
Ion Ratio Lower Upper

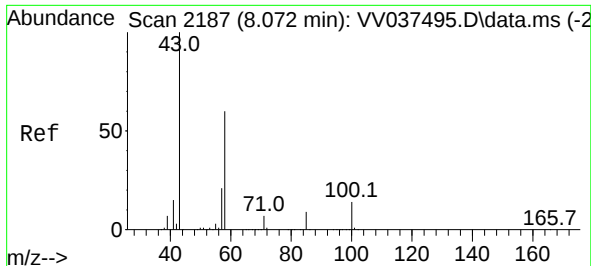
164 100

129 96.7 69.2 128.4

131 91.6 66.6 123.8

166 122.1 88.8 165.0

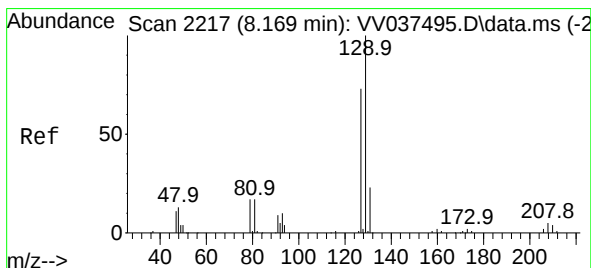
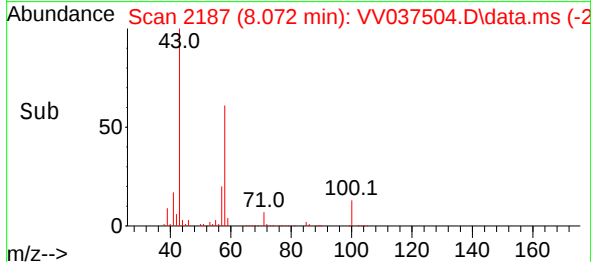
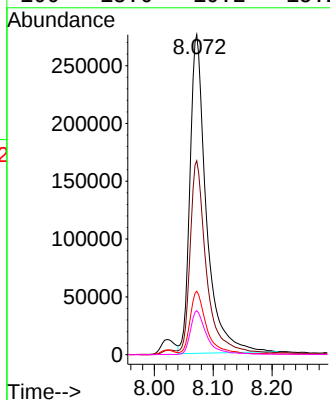
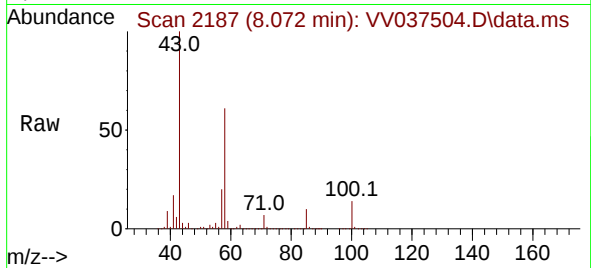




#48
2-Hexanone
Concen: 47.868 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

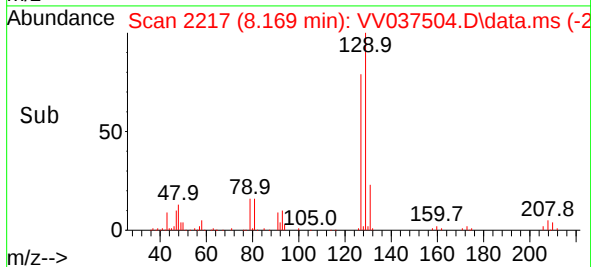
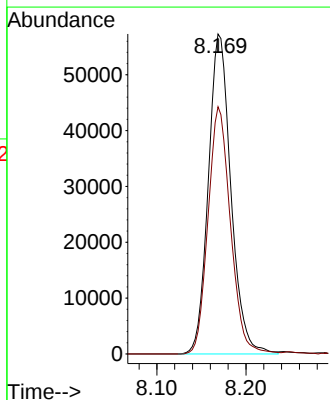
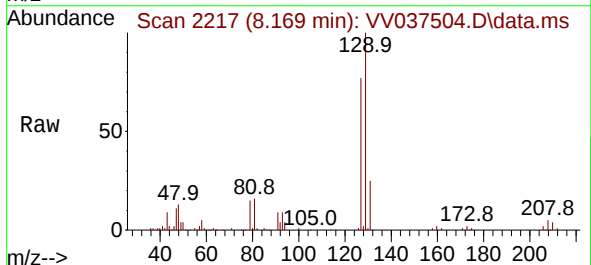
Instrument :
MSVOA_V
ClientSampleId :

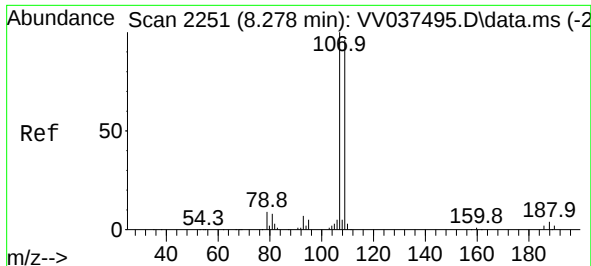
Tgt Ion: 43 Resp: 534822
Ion Ratio Lower Upper
43 100
58 59.2 45.5 68.3
57 19.6 15.3 22.9
100 13.6 10.2 15.2



#49
Dibromochloromethane
Concen: 5.036 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

Tgt Ion: 129 Resp: 100830
Ion Ratio Lower Upper
129 100
127 77.3 54.5 101.1

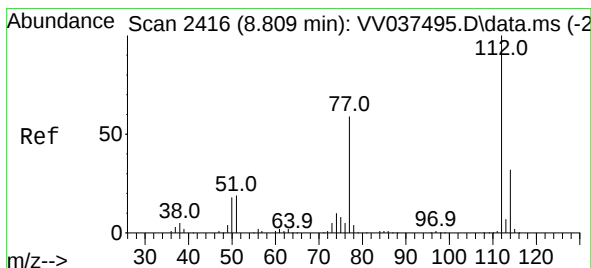
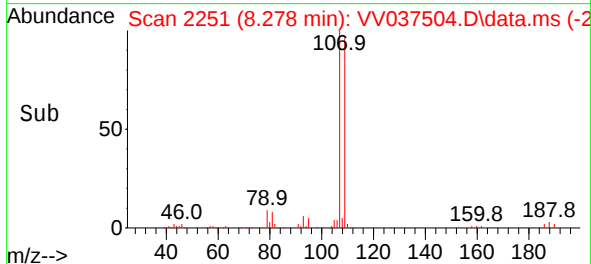
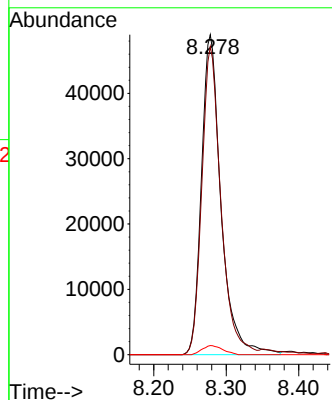
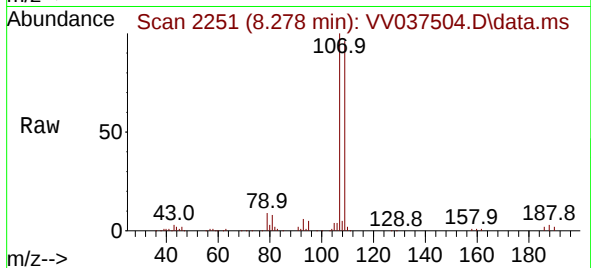




#50
1,2-Dibromoethane
Concen: 5.082 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

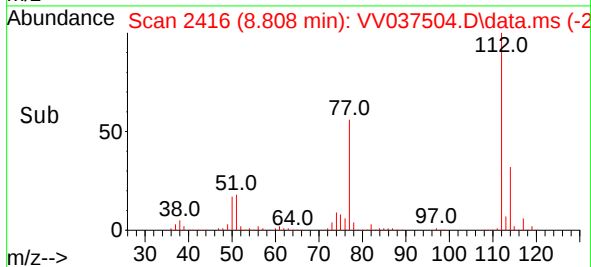
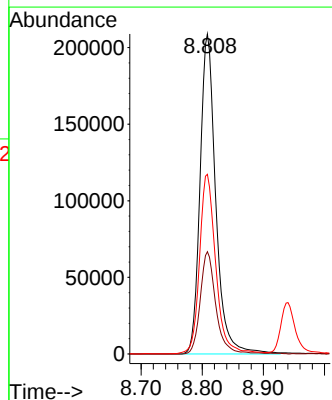
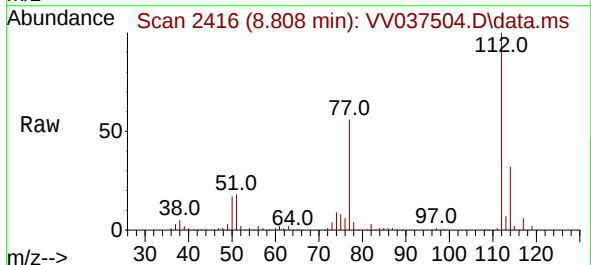
Instrument :
MSVOA_V
ClientSampleId :

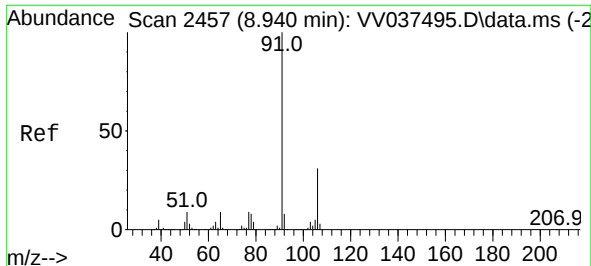
Tgt Ion:107 Resp: 91758
Ion Ratio Lower Upper
107 100
109 96.3 68.1 126.5
188 2.9 2.7 4.1



#51
Chlorobenzene
Concen: 5.139 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

Tgt Ion:112 Resp: 373561
Ion Ratio Lower Upper
112 100
114 32.0 22.6 42.0
77 56.2 47.0 70.6





#52

Ethylbenzene

Concen: 5.251 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

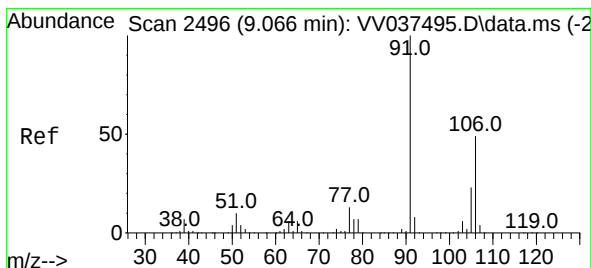
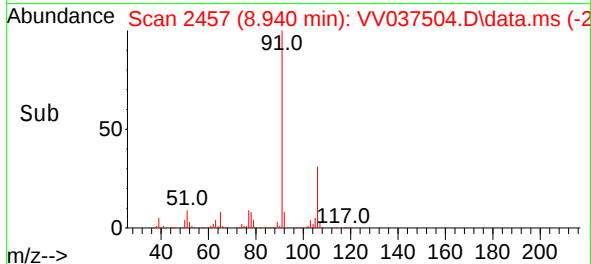
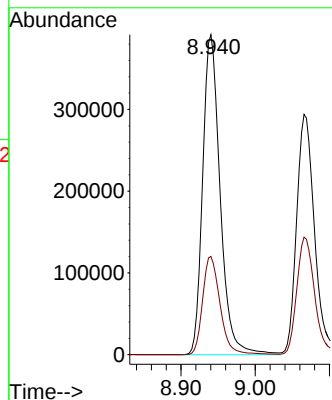
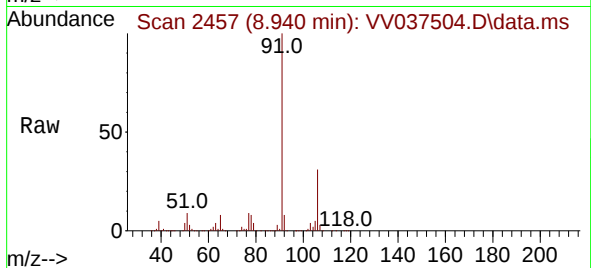
ClientSampleId :

Tgt Ion: 91 Resp: 639762

Ion Ratio Lower Upper

91 100

106 30.7 21.7 40.3



#53

m,p-Xylene

Concen: 5.377 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV037504.D

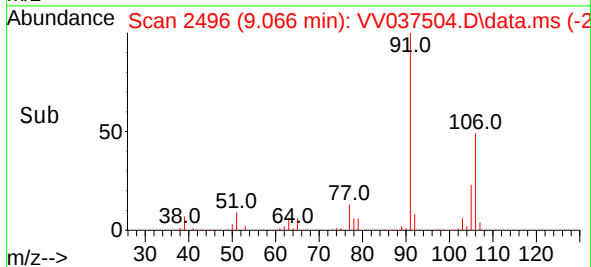
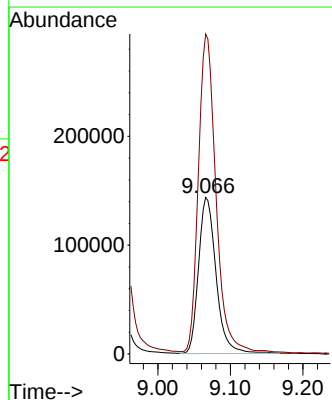
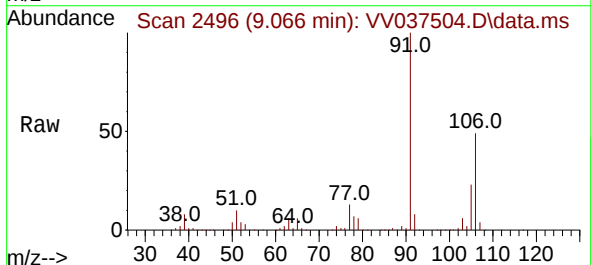
Acq: 24 Sep 2024 14:42

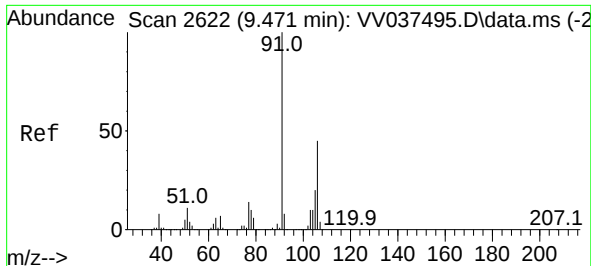
Tgt Ion: 106 Resp: 241034

Ion Ratio Lower Upper

106 100

91 204.4 143.3 266.1

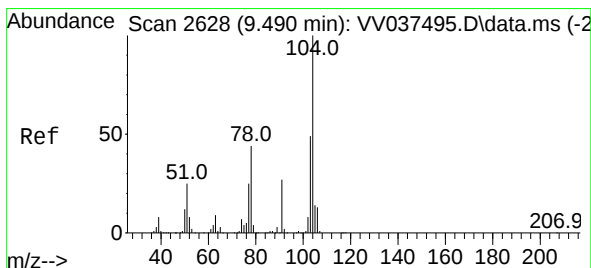
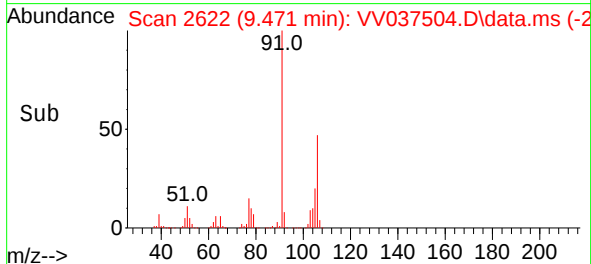
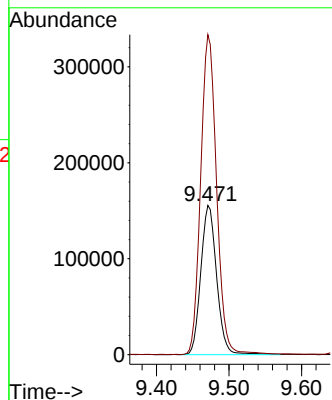
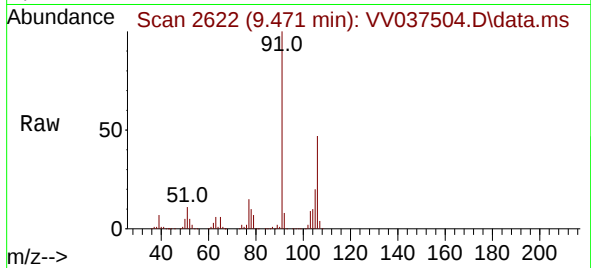




#54
o-Xylene
Concen: 5.328 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

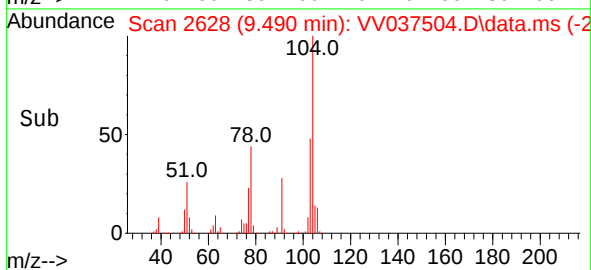
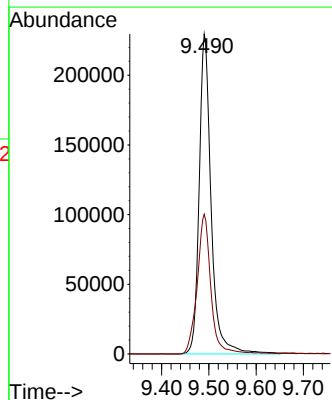
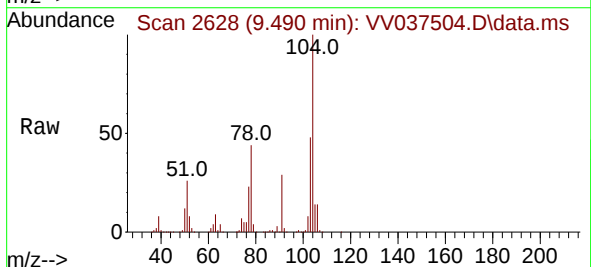
Instrument :
MSVOA_V
ClientSampleId :

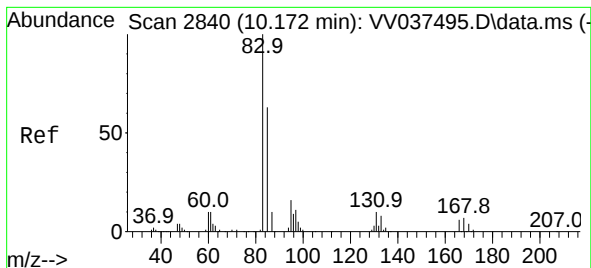
Tgt Ion:106 Resp: 236453
Ion Ratio Lower Upper
106 100
91 214.4 151.8 282.0



#55
Styrene
Concen: 5.361 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

Tgt Ion:104 Resp: 403378
Ion Ratio Lower Upper
104 100
78 43.6 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.043 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :

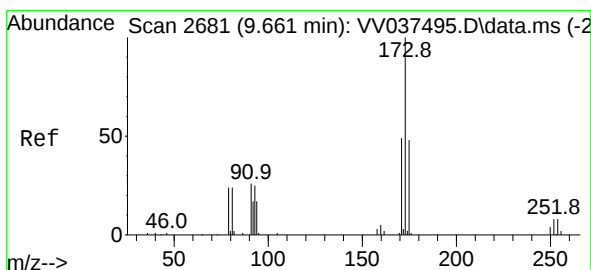
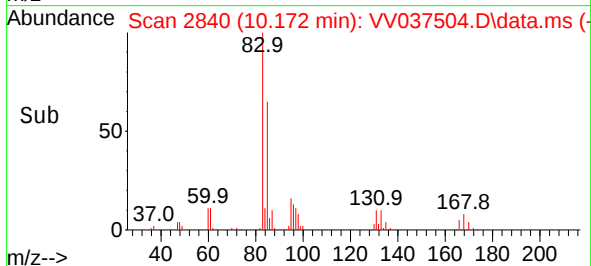
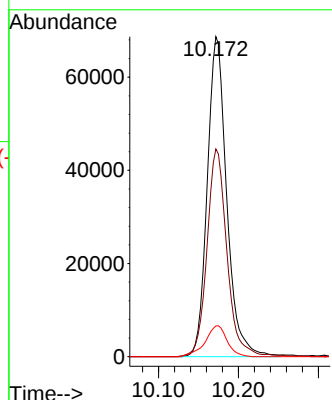
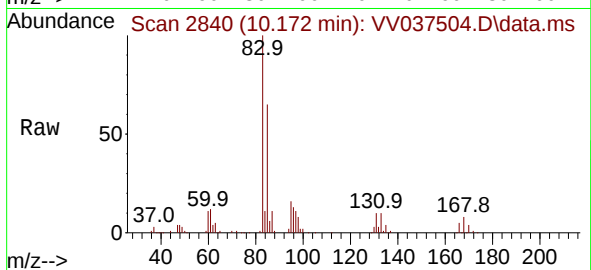
Tgt Ion: 83 Resp: 116418

Ion Ratio Lower Upper

83 100

85 64.9 43.2 80.2

131 9.6 6.9 10.3



#59

Bromoform

Concen: 4.675 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

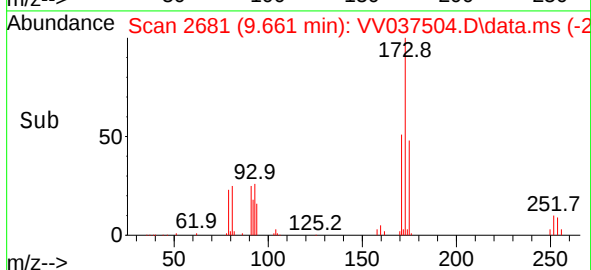
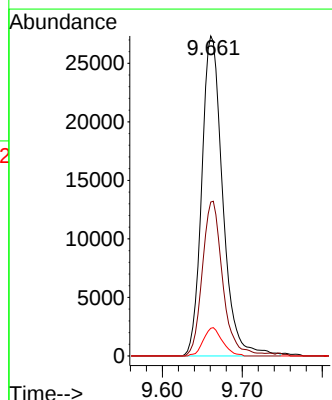
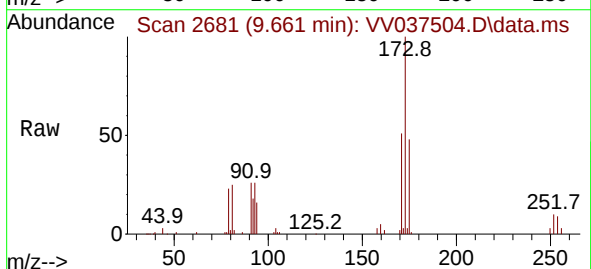
Tgt Ion: 173 Resp: 49888

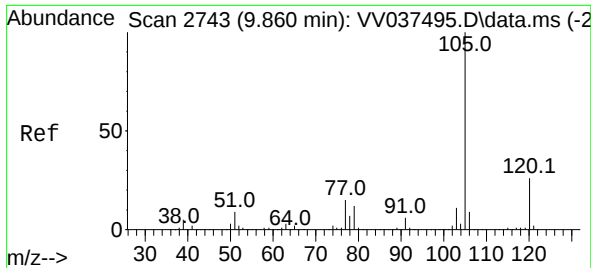
Ion Ratio Lower Upper

173 100

175 47.0 38.7 58.1

254 8.1 6.8 10.2

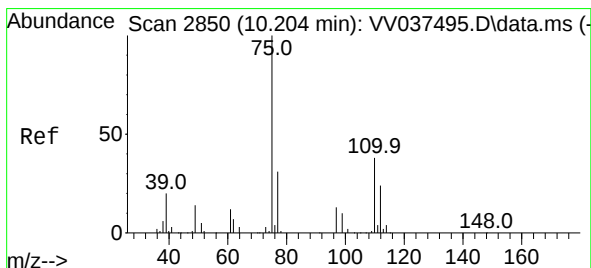
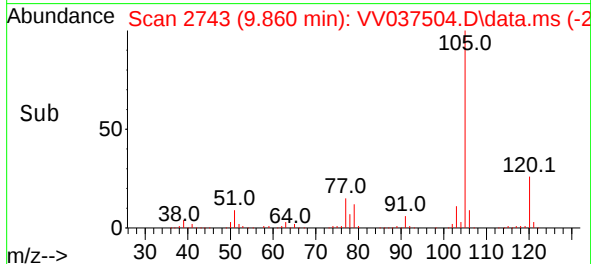
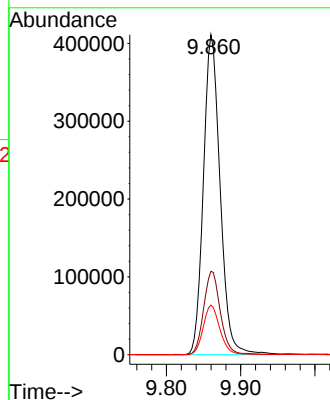
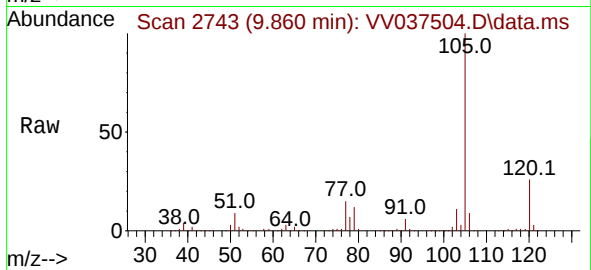




#60
Isopropylbenzene
Concen: 5.265 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

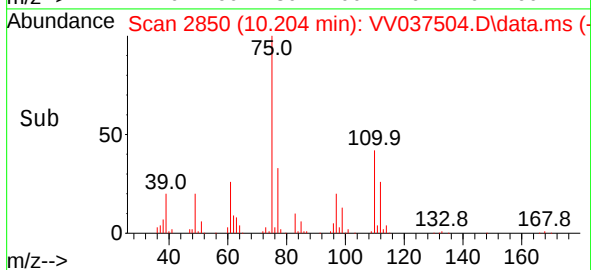
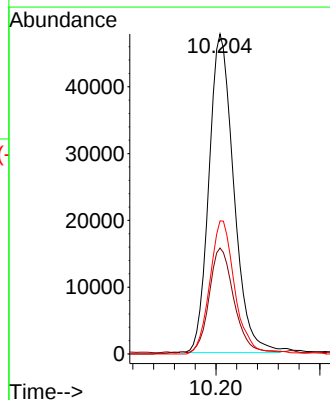
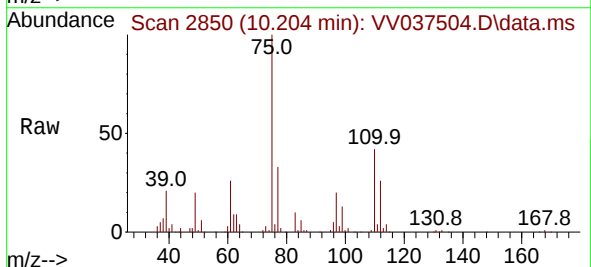
Instrument :
MSVOA_V
ClientSampleId :

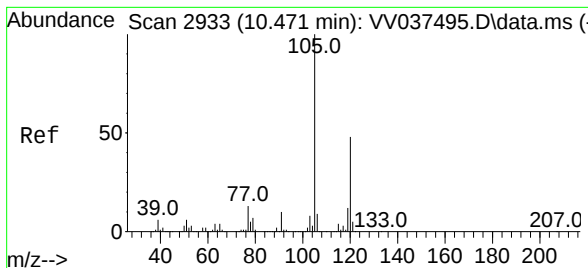
Tgt Ion:105 Resp: 642851
Ion Ratio Lower Upper
105 100
120 26.1 20.2 30.4
77 15.3 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.753 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV037504.D
Acq: 24 Sep 2024 14:42

Tgt Ion: 75 Resp: 78898
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4
110 42.4 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 5.337 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

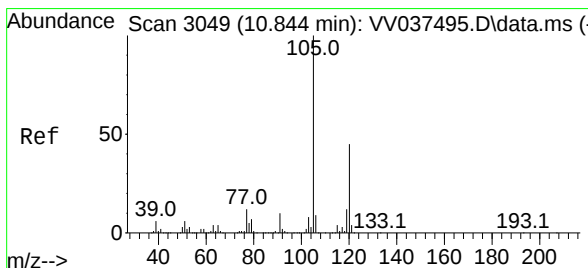
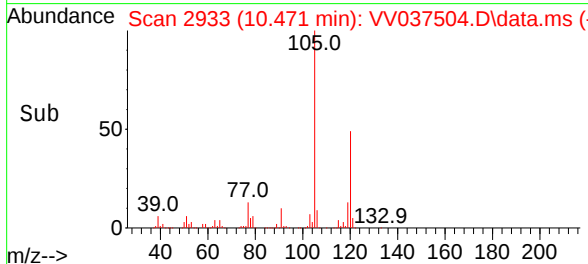
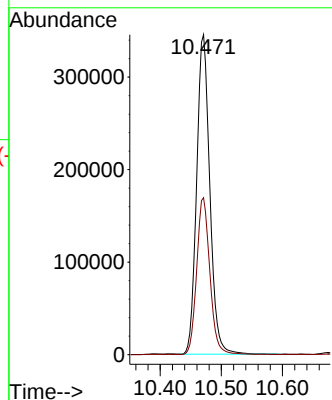
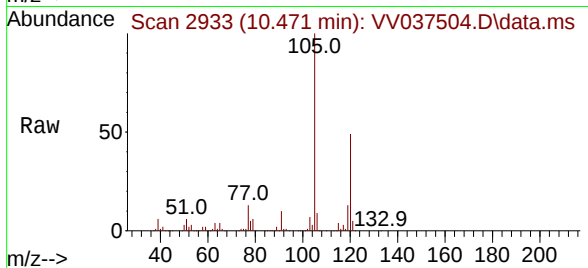
ClientSampleId :

Tgt Ion:105 Resp: 516717

Ion Ratio Lower Upper

105 100

120 49.3 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.359 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV037504.D

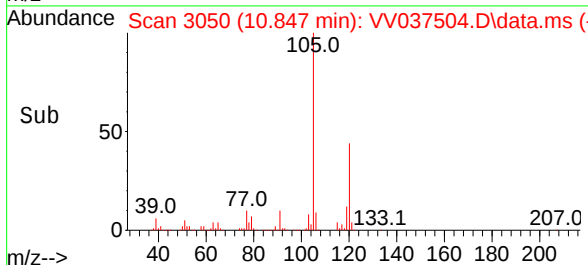
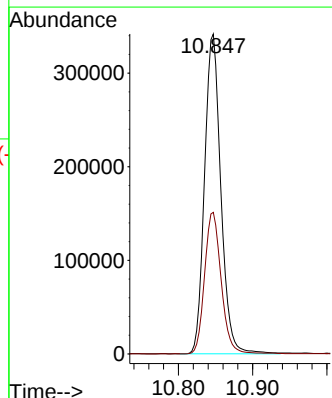
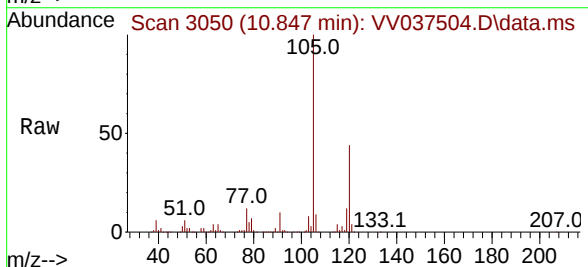
Acq: 24 Sep 2024 14:42

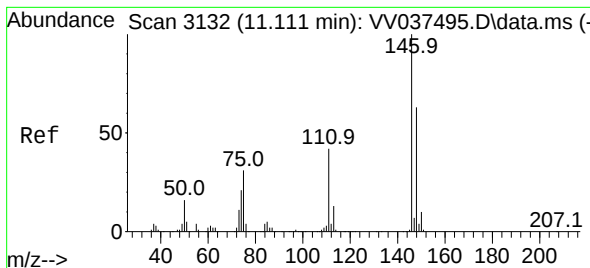
Tgt Ion:105 Resp: 521233

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.209 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :

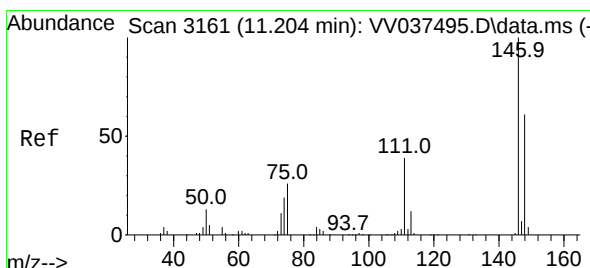
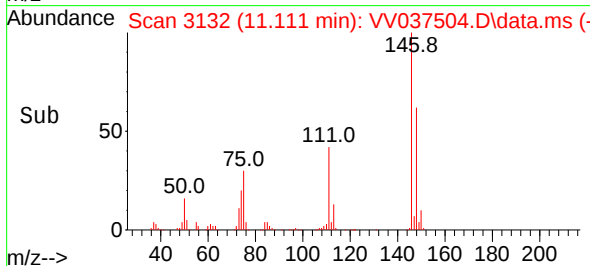
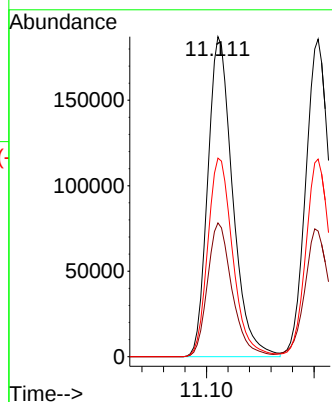
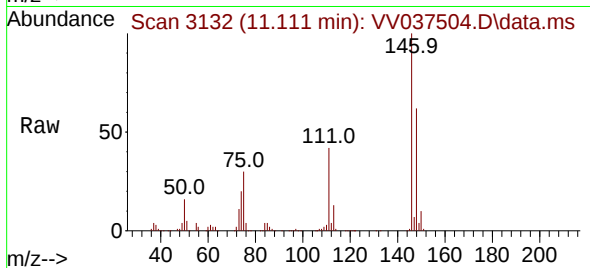
Tgt Ion:146 Resp: 300681

Ion Ratio Lower Upper

146 100

111 41.8 28.8 53.4

148 62.0 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 5.181 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

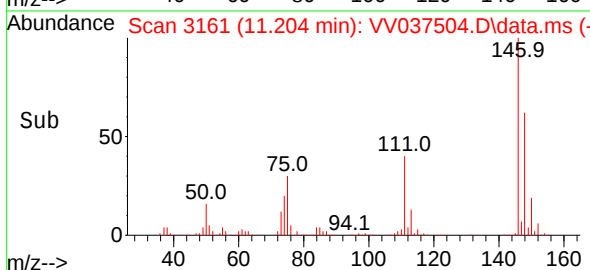
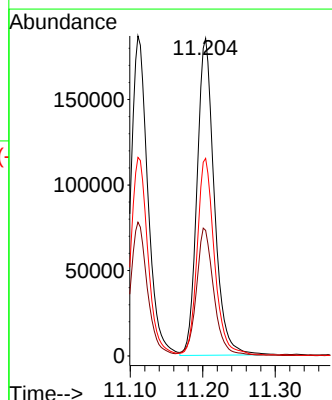
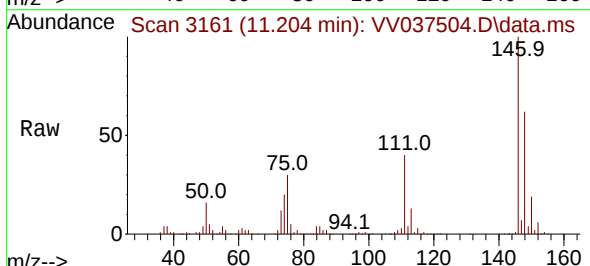
Tgt Ion:146 Resp: 306686

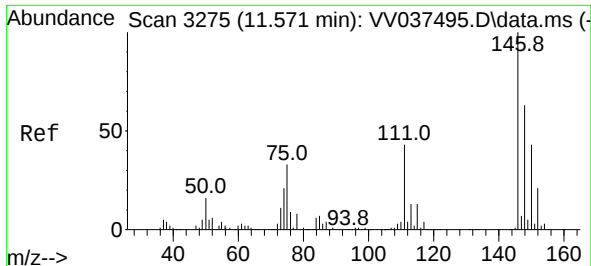
Ion Ratio Lower Upper

146 100

111 39.5 28.2 52.4

148 62.2 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.092 ug/L

RT: 11.574 min Scan# 3275

Delta R.T. 0.003 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :

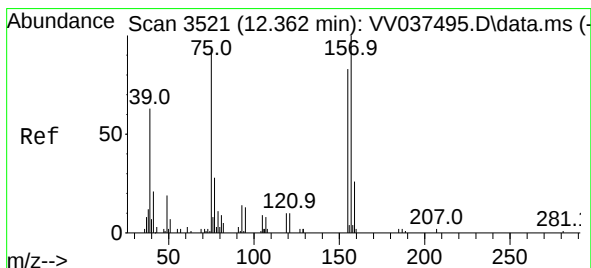
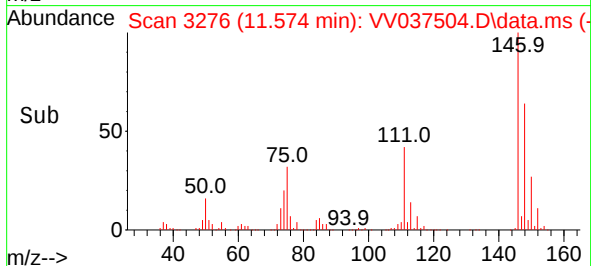
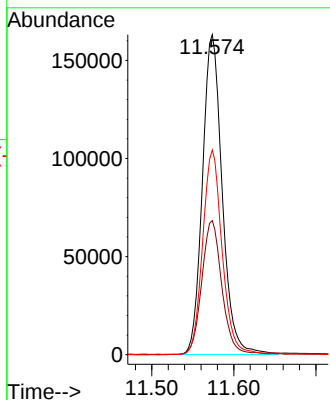
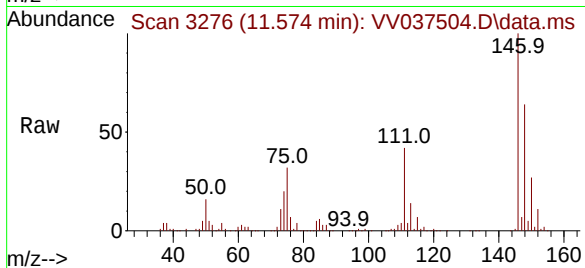
Tgt Ion:146 Resp: 272503

Ion Ratio Lower Upper

146 100

111 41.9 34.4 51.6

148 64.0 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.710 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

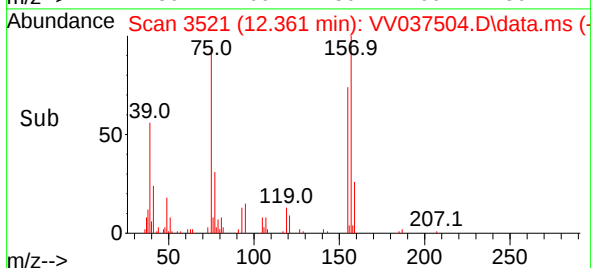
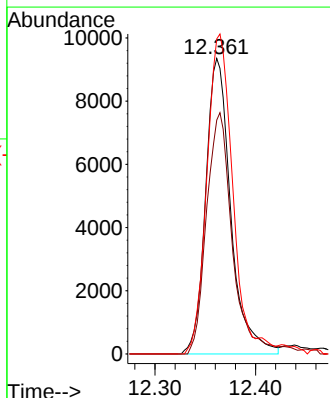
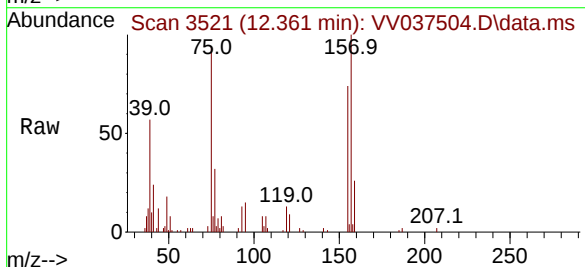
Tgt Ion: 75 Resp: 16214

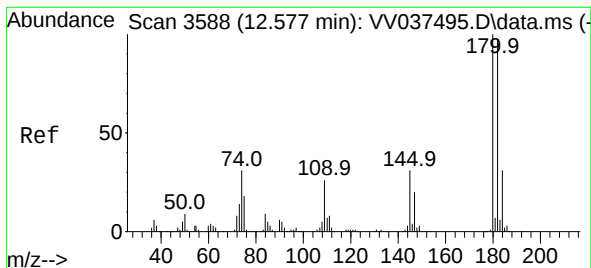
Ion Ratio Lower Upper

75 100

155 79.2 60.6 90.8

157 106.6 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 5.312 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 218654

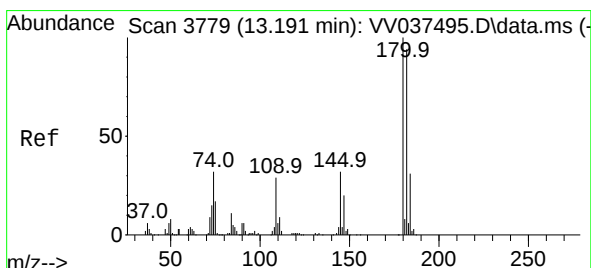
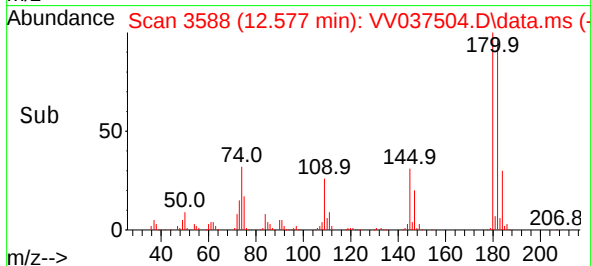
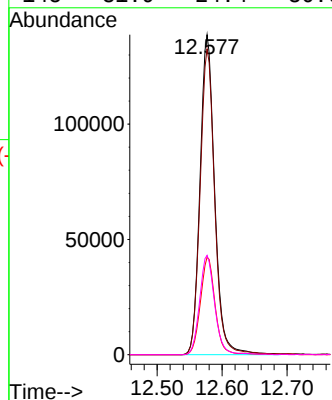
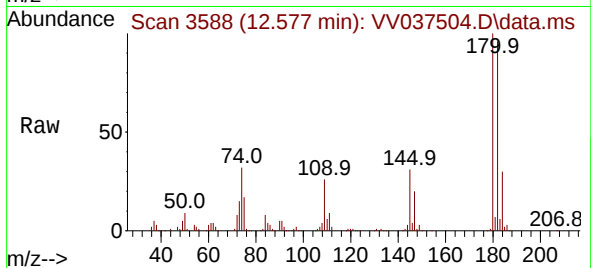
Ion Ratio Lower Upper

180 100

182 94.9 74.3 111.5

184 30.2 24.3 36.5

145 31.9 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 5.441 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

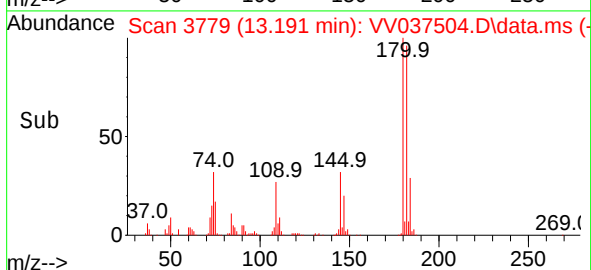
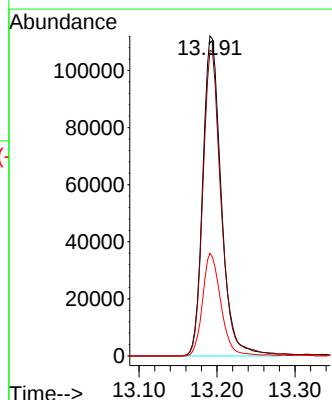
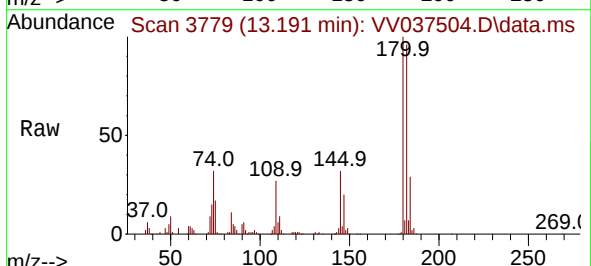
Tgt Ion:180 Resp: 184364

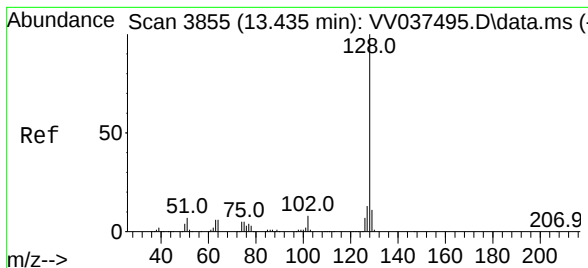
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

145 31.7 25.8 38.6





#71

Naphthalene

Concen: 5.441 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :

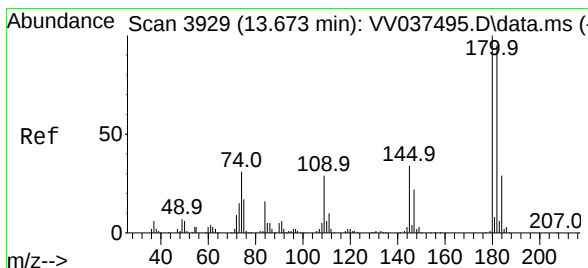
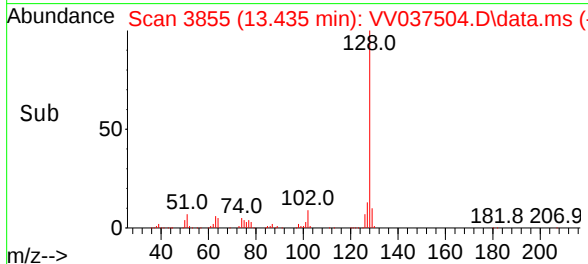
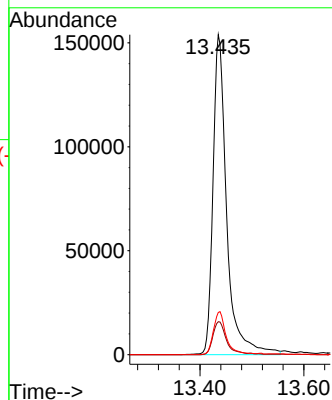
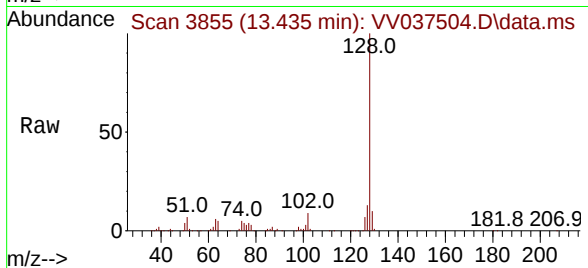
Tgt Ion:128 Resp: 281736

Ion Ratio Lower Upper

128 100

129 10.1 8.6 12.8

127 12.6 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.570 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV037504.D

Acq: 24 Sep 2024 14:42

Tgt Ion:180 Resp: 156163

Ion Ratio Lower Upper

180 100

182 95.0 73.4 110.0

145 34.3 27.2 40.8

