

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037444.D
 Acq On : 20 Sep 2024 20:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 23:40:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 23:32:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	321579	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	314149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	158059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	84343	4.471	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.529	69	78810	4.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.053	65	37646	3.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.799	46	263238	46.688	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.380%
24) Chloroform-d	4.243	84	199119	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.941	65	94514	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	4.953	84	367722	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	5.985	67	119154	4.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.239	98	330145	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.555	79	41425	4.808	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.024	63	230022	54.642	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.280%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103229	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	118937	4.233	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	123202	4.124	ug/L	99
3) Chloromethane	1.214	50	137803	4.323	ug/L	100
5) Vinyl chloride	1.278	62	140725	4.492	ug/L	96
6) Bromomethane	1.484	94	71873	3.825	ug/L	99
8) Chloroethane	1.545	64	92424	4.906	ug/L	97
9) Trichlorofluoromethane	1.709	101	174584	4.480	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	98331	4.167	ug/L	98
12) 1,1-Dichloroethene	2.066	96	103056	4.573	ug/L	91
13) Acetone	2.130	43	187592	47.784	ug/L	97
14) Carbon disulfide	2.233	76	305623	4.301	ug/L	99
15) Methyl Acetate	2.381	43	48006	5.339	ug/L	97
16) Methylene chloride	2.442	84	131118	5.061	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	284905	5.318	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	116763	4.924	ug/L	97
19) 1,1-Dichloroethane	3.105	63	226726	5.008	ug/L	99
21) 2-Butanone	3.879	43	283472	47.509	ug/L	92
22) cis-1,2-Dichloroethene	3.809	96	129410	5.049	ug/L	99
23) Bromochloromethane	4.143	128	60762	5.474	ug/L	96
25) Chloroform	4.269	83	232764	5.103	ug/L	97

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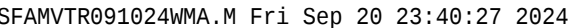
Instrument :
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 ClientSampleId :

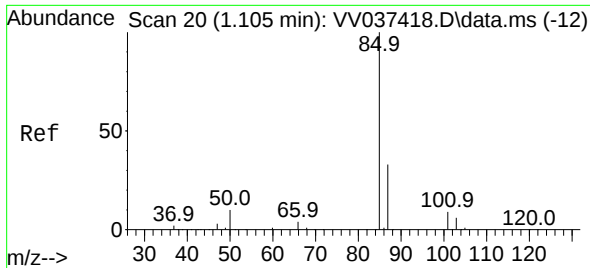
Quant Time: Sep 20 23:40:16 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 23:32:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	137373	5.323	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	184115	4.943	ug/L	97
30) Cyclohexane	4.574	56	144597	4.001	ug/L	99
31) Carbon tetrachloride	4.725	117	146710	4.627	ug/L	100
33) Benzene	5.005	78	480139	5.072	ug/L	100
34) Trichloroethene	5.828	95	120856	4.738	ug/L	97
35) Methylcyclohexane	6.043	83	155391	4.007	ug/L	96
37) 1,2-Dichloropropane	6.088	63	125447	5.209	ug/L	100
38) Bromodichloromethane	6.429	83	153478	5.091	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	165034	4.731	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	759184	55.064	ug/L	98
42) Toluene	7.310	91	490116	4.978	ug/L	97
44) trans-1,3-Dichloropropene	7.580	75	134533	4.779	ug/L	95
45) 1,1,2-Trichloroethane	7.764	97	97580	5.661	ug/L	96
47) Tetrachloroethene	7.899	164	83029	4.548	ug/L	99
48) 2-Hexanone	8.072	43	549750	54.554	ug/L	99
49) Dibromochloromethane	8.172	129	90312	5.001	ug/L	96
50) 1,2-Dibromoethane	8.278	107	89381	5.488	ug/L	98
51) Chlorobenzene	8.809	112	316783	4.832	ug/L	98
52) Ethylbenzene	8.940	91	498140	4.533	ug/L	100
53) m,p-Xylene	9.069	106	192783	4.768	ug/L	97
54) o-Xylene	9.474	106	190110	4.749	ug/L	98
55) Styrene	9.493	104	338607	4.990	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	117056	5.622	ug/L	96
59) Bromoform	9.664	173	41807	4.521	ug/L	99
60) Isopropylbenzene	9.863	105	483947	4.574	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	79303	5.514	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	387412	4.618	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	399533	4.741	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	245403	4.907	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	248771	4.850	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	232316	5.010	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	16137	5.410	ug/L	93
69) 1,3,5-Trichlorobenzene	12.577	180	168411	4.722	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	147273	5.016	ug/L	99
71) Naphthalene	13.435	128	291088	6.488	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	134433	5.534	ug/L	98

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

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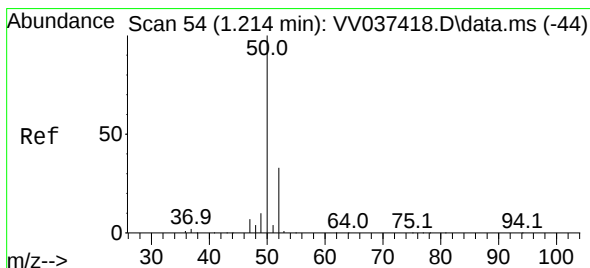
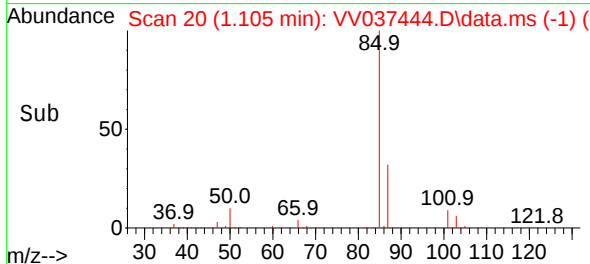
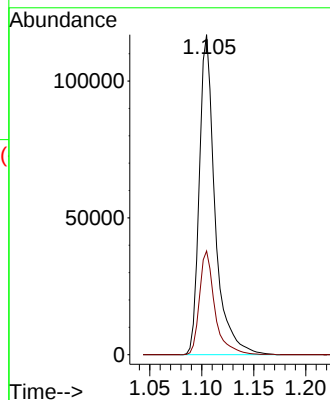
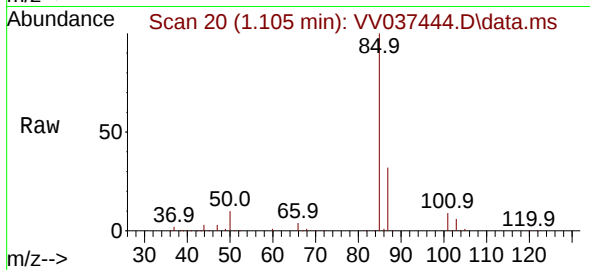




#2
 Dichlorodifluoromethane
 Concen: 4.124 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV037444.D
 Acq: 20 Sep 2024 20:16

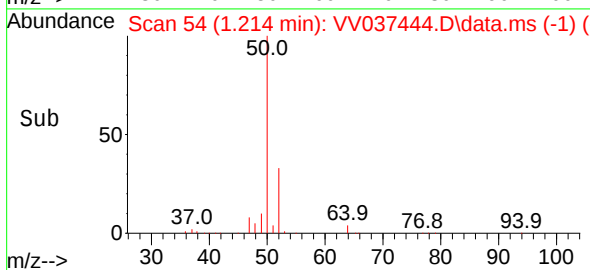
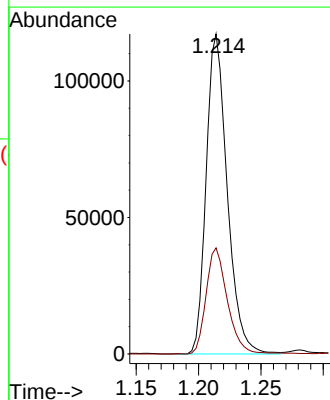
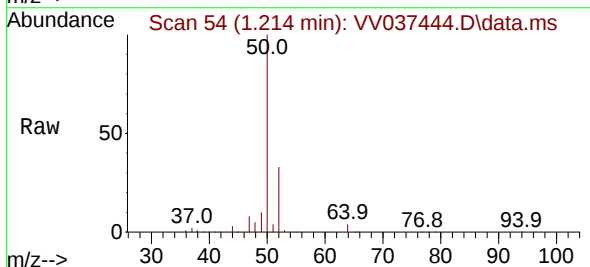
Instrument :
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 ClientSampleId :

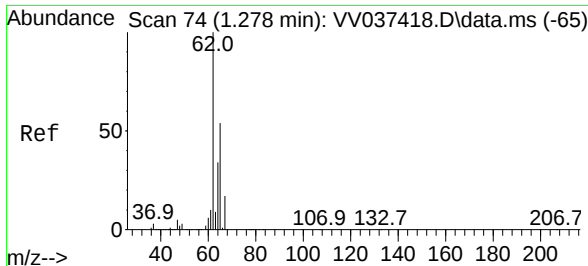
Tgt Ion: 85 Resp: 123202
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.8



#3
 Chloromethane
 Concen: 4.323 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV037444.D
 Acq: 20 Sep 2024 20:16

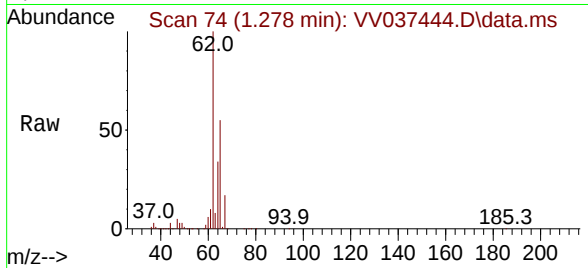
Tgt Ion: 50 Resp: 137803
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.3 43.3



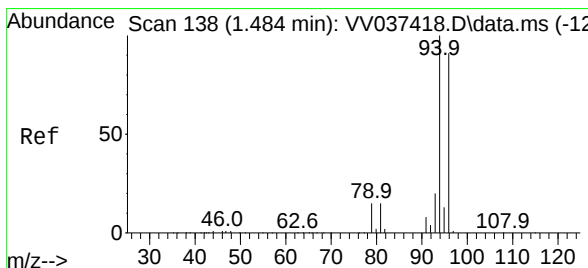
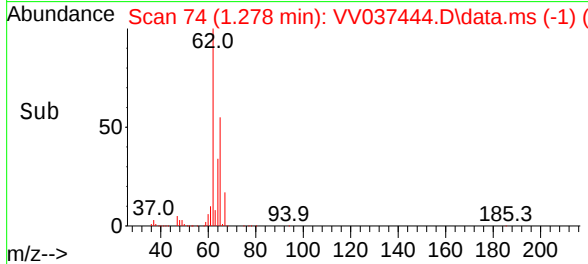
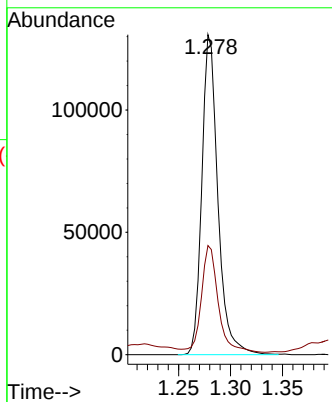


#5
 Vinyl chloride
 Concen: 4.492 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV037444.D
 Acq: 20 Sep 2024 20:16

Instrument :
 MSVOA_V
 ClientSampleId :

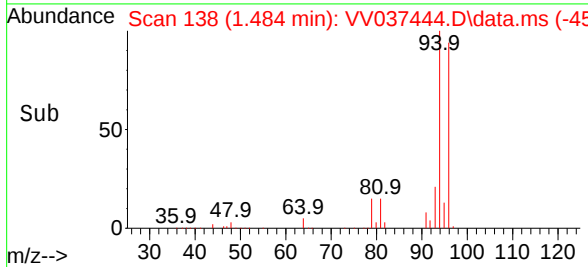
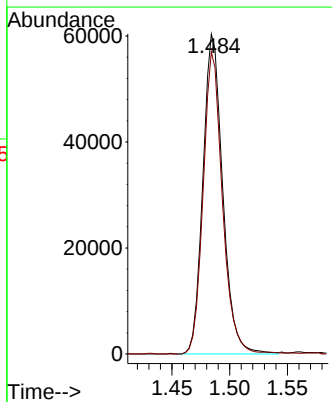
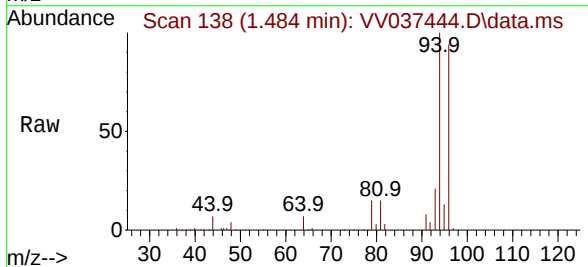


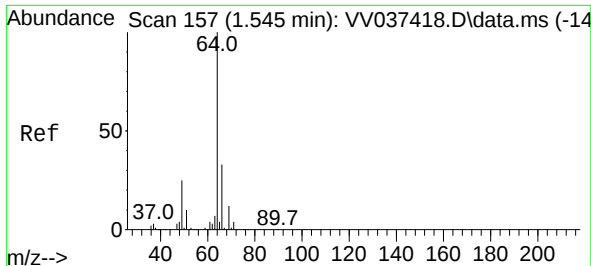
Tgt Ion: 62 Resp: 140725
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.4 41.6



#6
 Bromomethane
 Concen: 3.825 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV037444.D
 Acq: 20 Sep 2024 20:16

Tgt Ion: 94 Resp: 71873
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.3 121.3

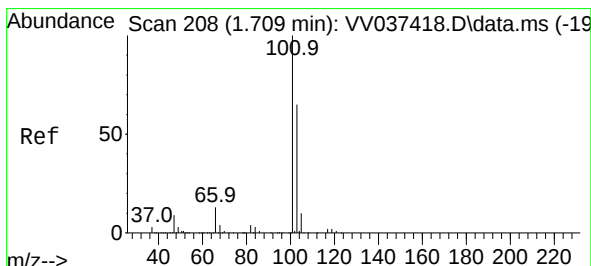
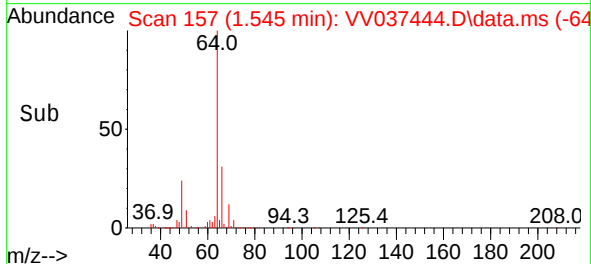
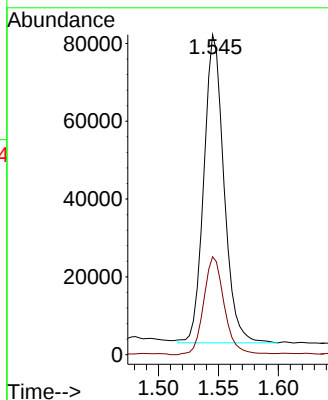
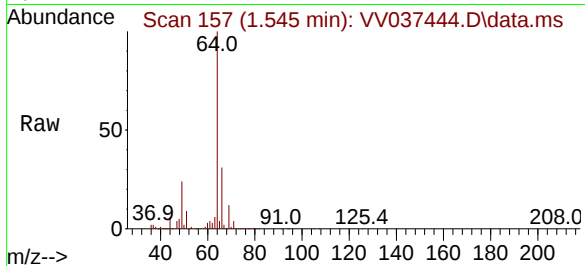




#8
Chloroethane
Concen: 4.906 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

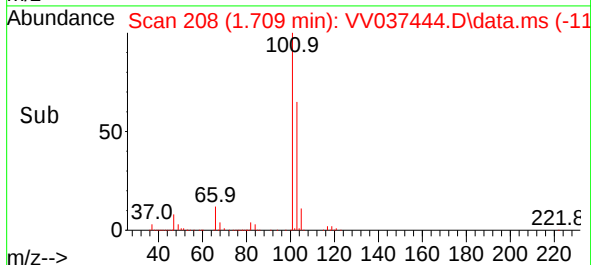
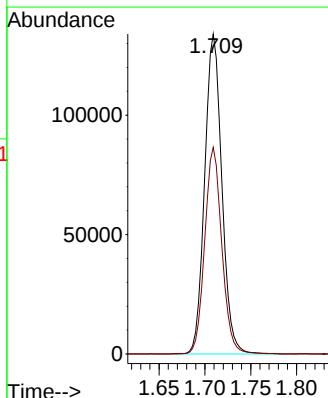
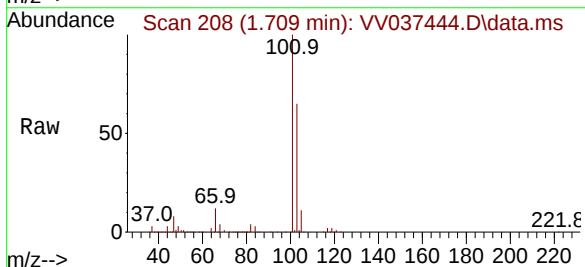
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ClientSampleId :

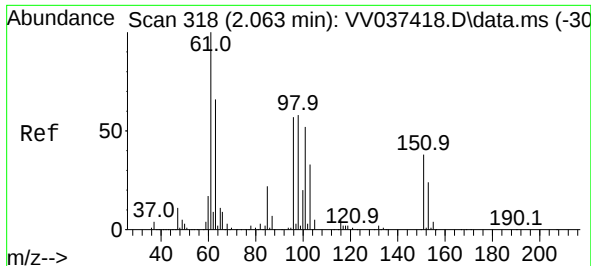
Tgt Ion: 64 Resp: 92424
Ion Ratio Lower Upper
64 100
66 30.6 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.480 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

Tgt Ion:101 Resp: 174584
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

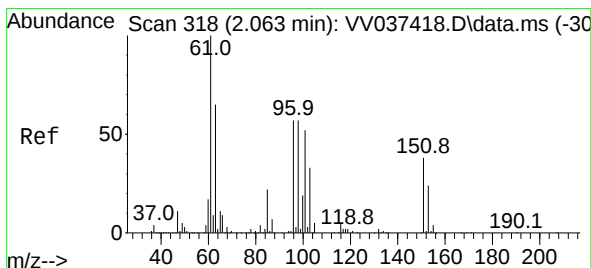
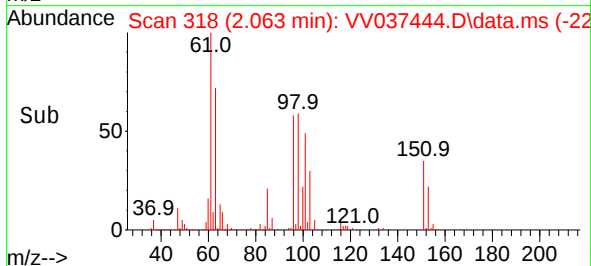
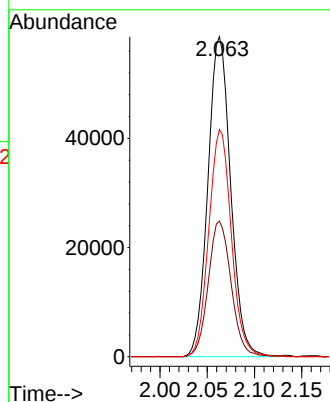
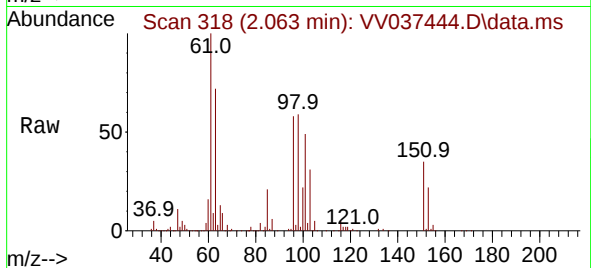




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.167 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV037444.D
 Acq: 20 Sep 2024 20:16

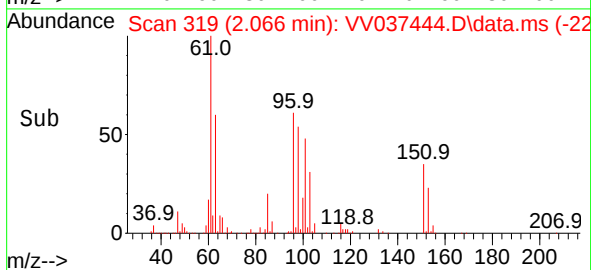
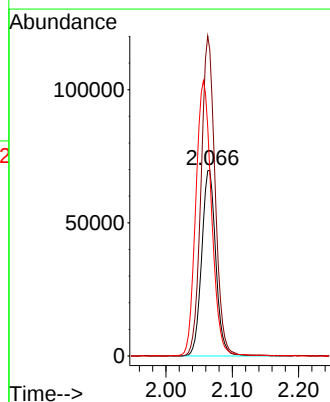
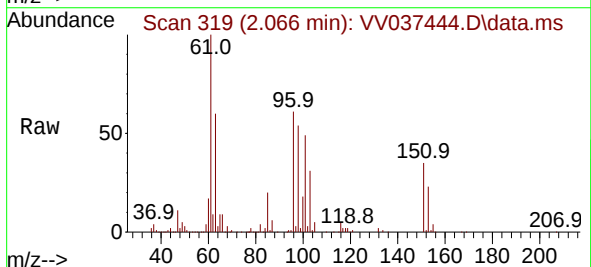
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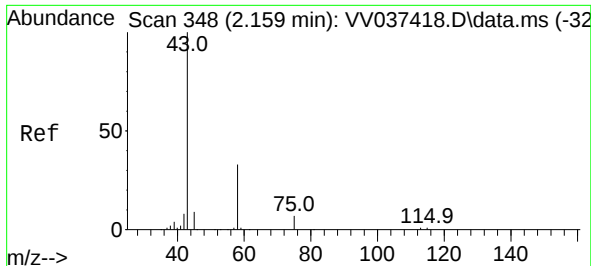
Tgt Ion:101 Resp: 98331
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.1 52.7
 151 70.4 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.573 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV037444.D
 Acq: 20 Sep 2024 20:16

Tgt Ion: 96 Resp: 103056
 Ion Ratio Lower Upper
 96 100
 61 164.8 119.9 222.7
 63 99.4 81.4 151.2





#13

Acetone

Concen: 47.784 ug/L

RT: 2.130 min Scan# 348

Delta R.T. -0.029 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

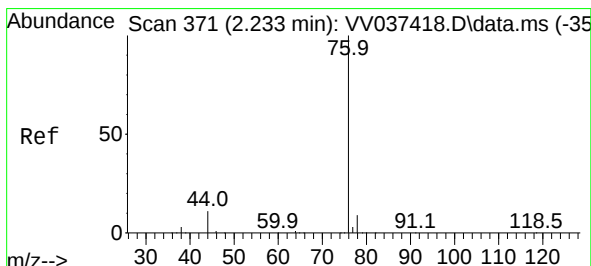
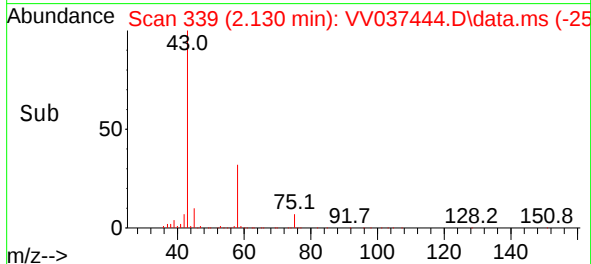
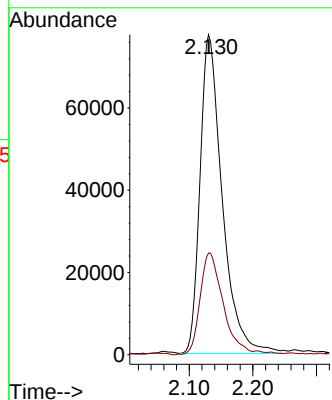
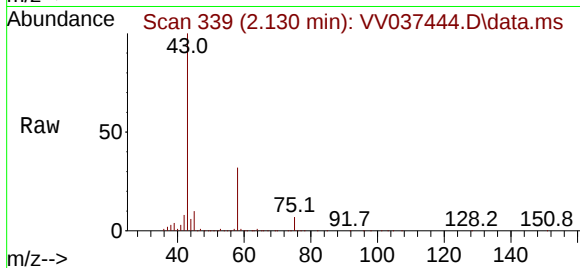
ClientSampleId :

Tgt Ion: 43 Resp: 187592

Ion Ratio Lower Upper

43 100

58 32.9 0.0 69.2



#14

Carbon disulfide

Concen: 4.301 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV037444.D

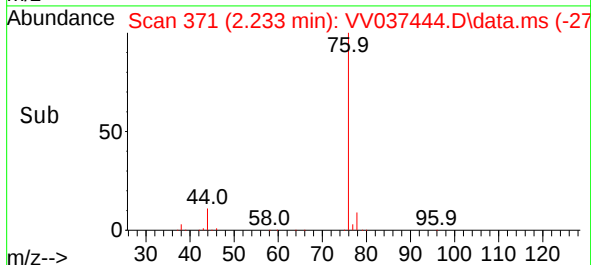
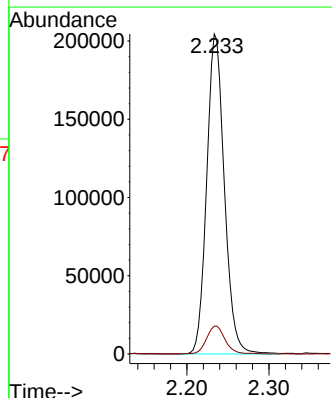
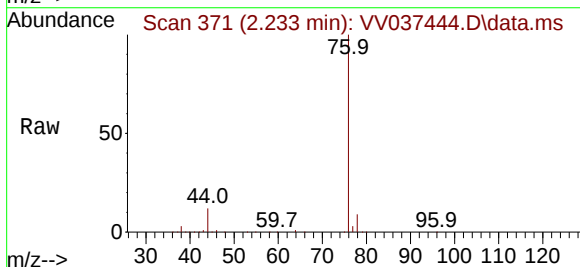
Acq: 20 Sep 2024 20:16

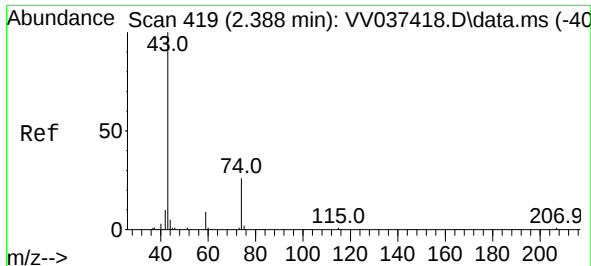
Tgt Ion: 76 Resp: 305623

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9





#15

Methyl Acetate

Concen: 5.339 ug/L

RT: 2.381 min Scan# 41

Delta R.T. -0.007 min

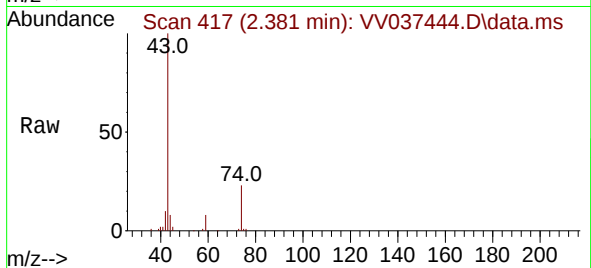
Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

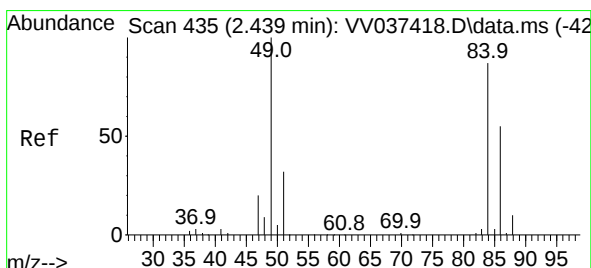
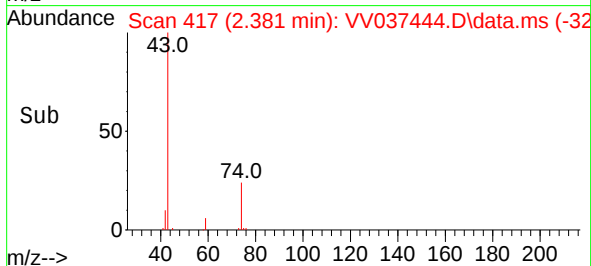
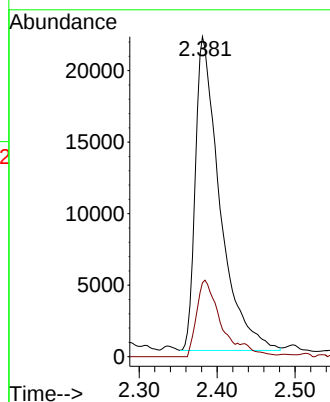


Tgt Ion: 43 Resp: 48006

Ion Ratio Lower Upper

43 100

74 24.9 21.0 31.4



#16

Methylene chloride

Concen: 5.061 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

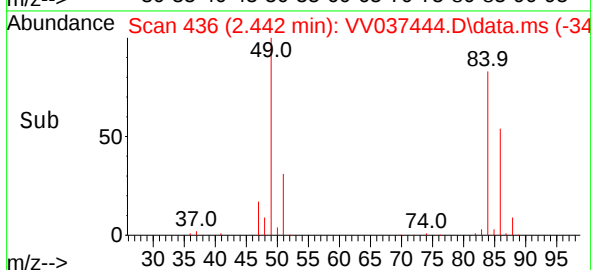
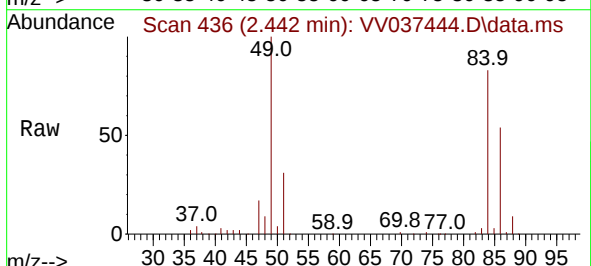
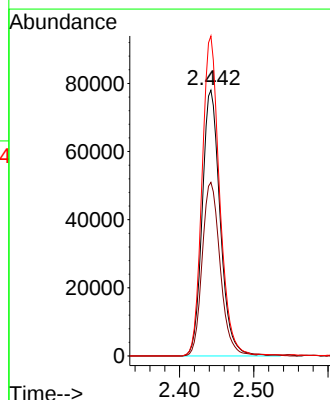
Tgt Ion: 84 Resp: 131118

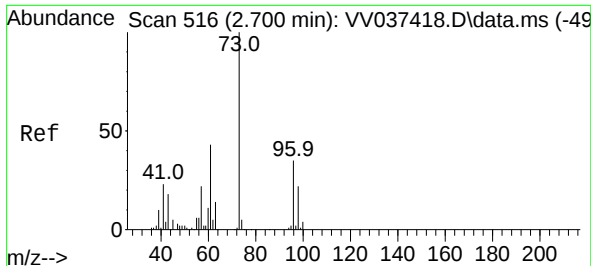
Ion Ratio Lower Upper

84 100

86 65.3 44.0 81.8

49 120.4 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 5.318 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

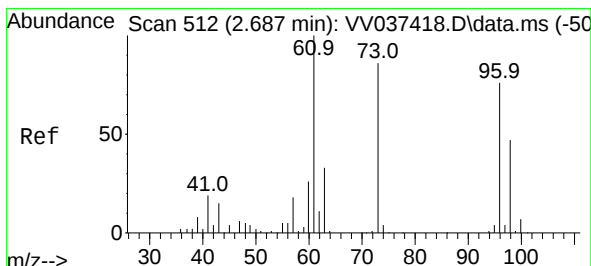
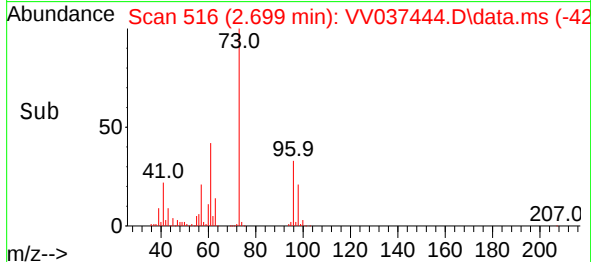
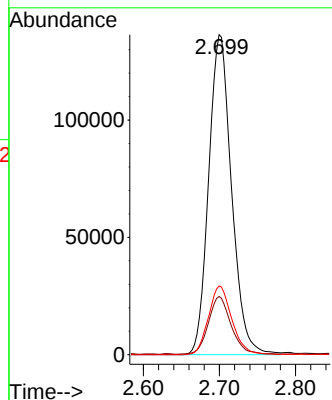
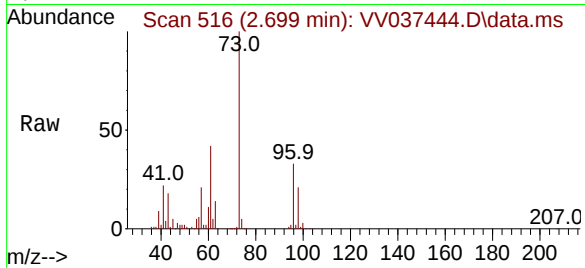
Tgt Ion: 73 Resp: 284905

Ion Ratio Lower Upper

73 100

43 17.8 14.5 21.7

57 21.9 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 4.924 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

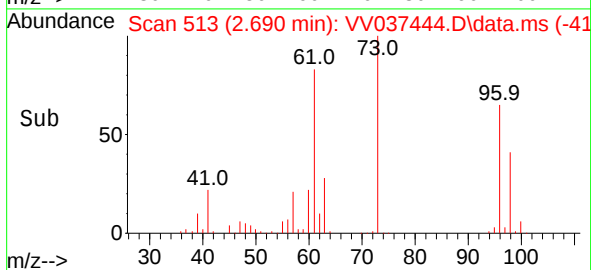
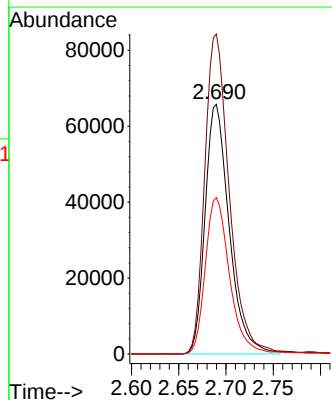
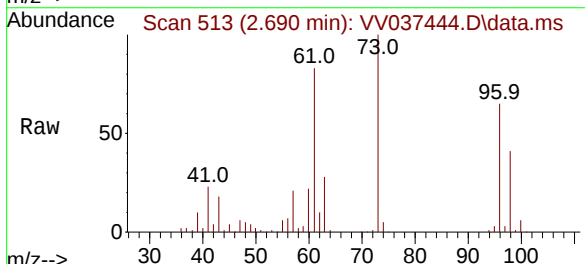
Tgt Ion: 96 Resp: 116763

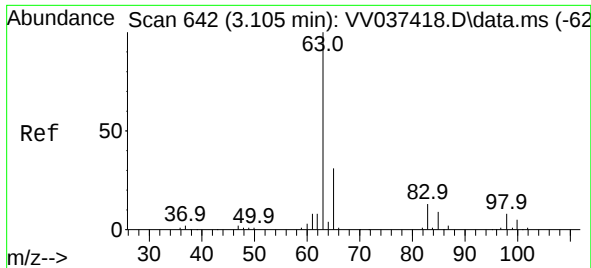
Ion Ratio Lower Upper

96 100

61 128.2 92.8 172.4

98 62.6 43.0 79.8

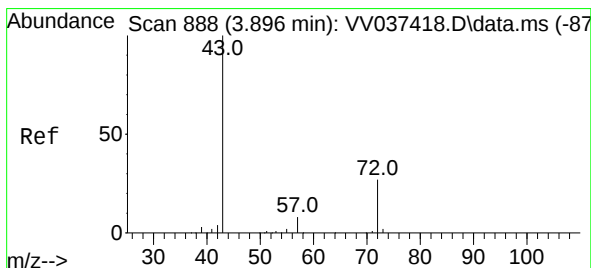
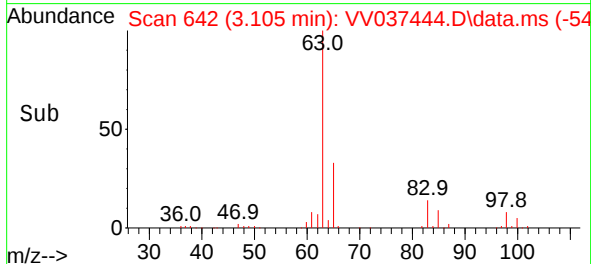
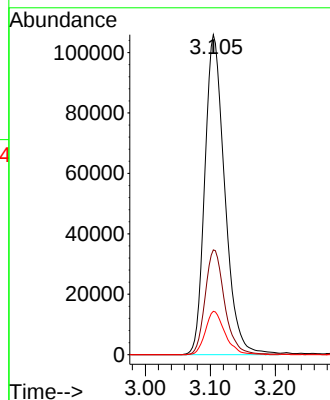
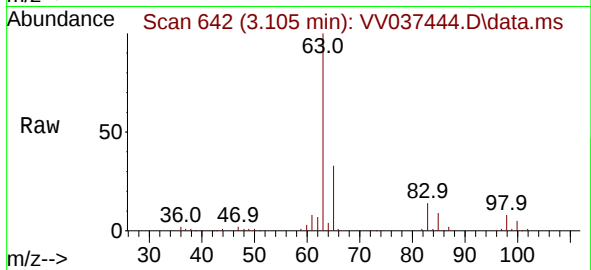




#19
1,1-Dichloroethane
Concen: 5.008 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

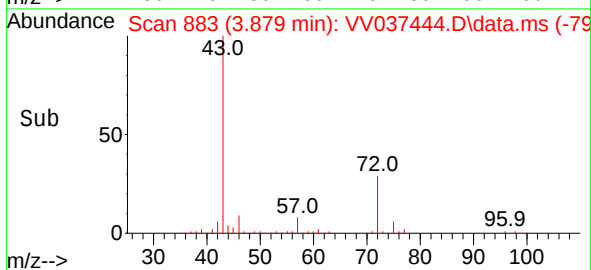
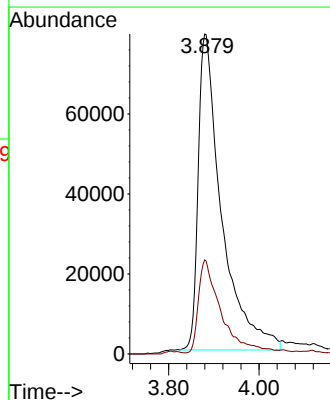
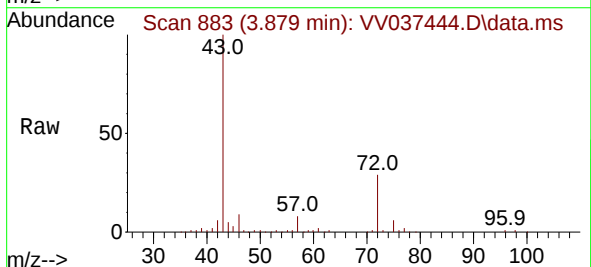
Instrument :
MSVOA_V
ClientSampleId :

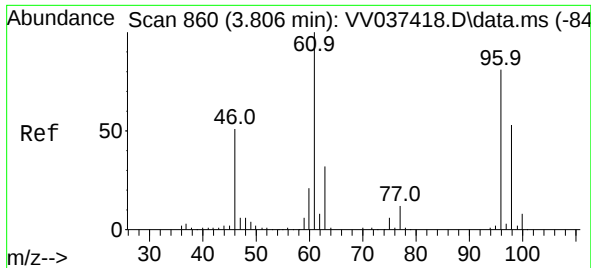
Tgt Ion: 63 Resp: 226726
Ion Ratio Lower Upper
63 100
65 32.7 22.5 41.7
83 13.5 8.9 16.5



#21
2-Butanone
Concen: 47.509 ug/L
RT: 3.879 min Scan# 883
Delta R.T. -0.016 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

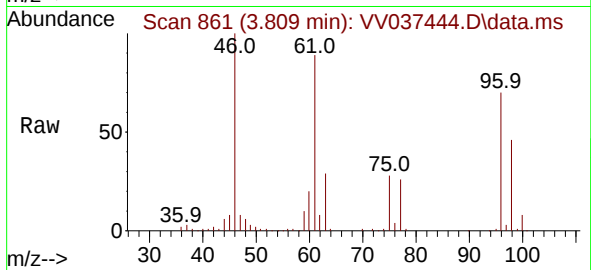
Tgt Ion: 43 Resp: 283472
Ion Ratio Lower Upper
43 100
72 28.3 12.2 36.6



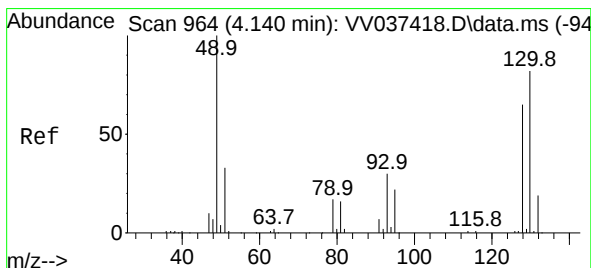
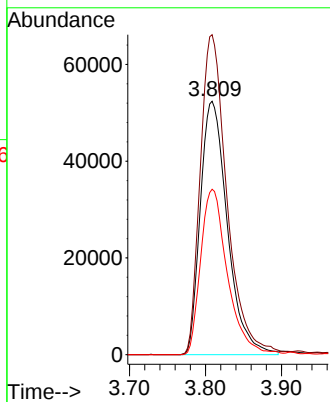
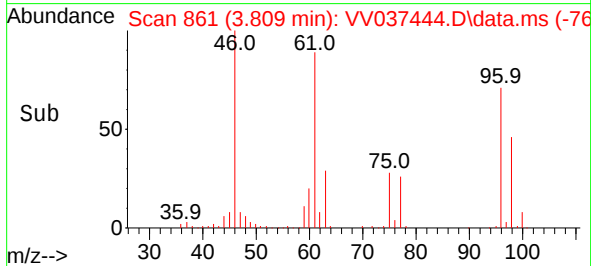


#22
 cis-1,2-Dichloroethene
 Concen: 5.049 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV037444.D
 Acq: 20 Sep 2024 20:16

Instrument :
 MSVOA_V
 ClientSampleId :

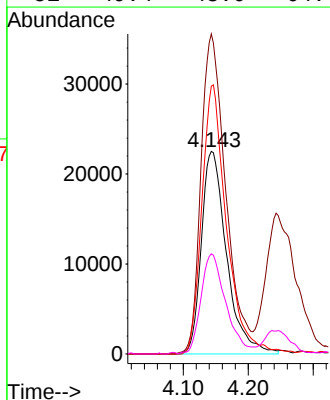
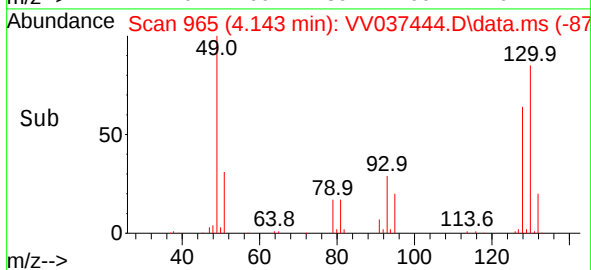
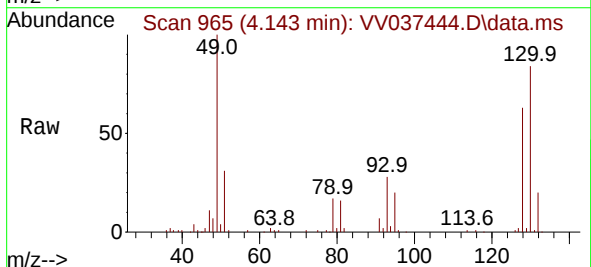


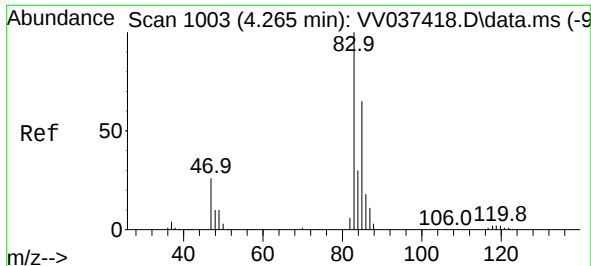
Tgt Ion: 96 Resp: 129410
 Ion Ratio Lower Upper
 96 100
 61 126.3 87.6 162.6
 98 65.3 44.9 83.5



#23
 Bromochloromethane
 Concen: 5.474 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.003 min
 Lab File: VV037444.D
 Acq: 20 Sep 2024 20:16

Tgt Ion: 128 Resp: 60762
 Ion Ratio Lower Upper
 128 100
 49 158.0 114.0 211.8
 130 132.2 89.3 165.9
 51 49.4 43.0 64.4





#25

Chloroform

Concen: 5.103 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

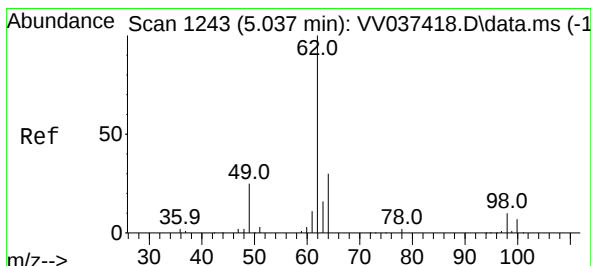
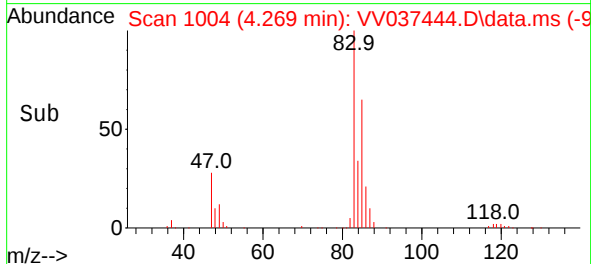
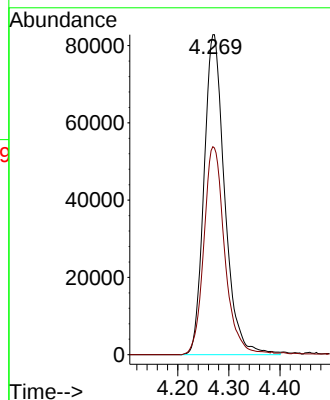
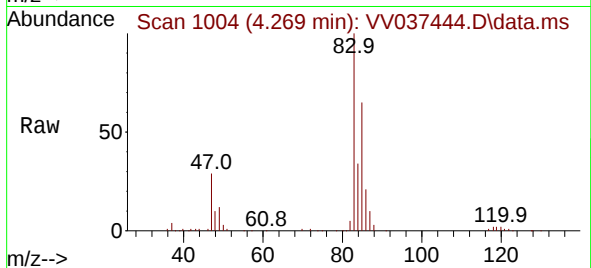
ClientSampleId :

Tgt Ion: 83 Resp: 232764

Ion Ratio Lower Upper

83 100

85 65.0 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.323 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV037444.D

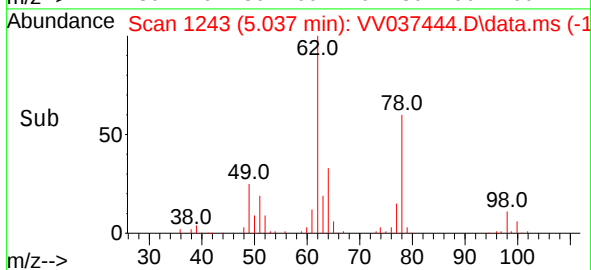
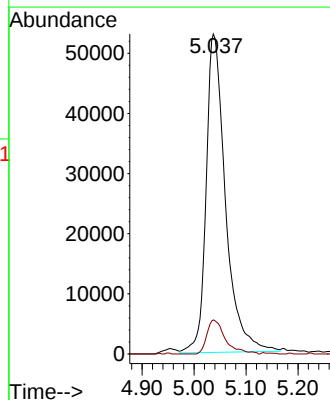
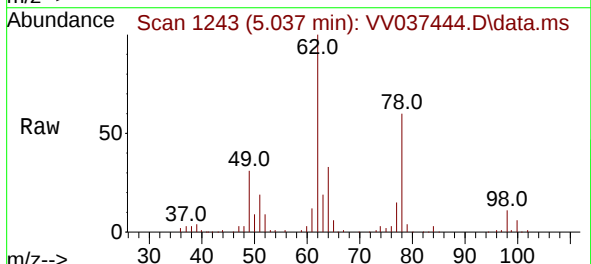
Acq: 20 Sep 2024 20:16

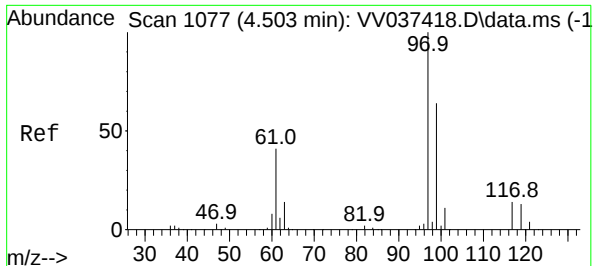
Tgt Ion: 62 Resp: 137373

Ion Ratio Lower Upper

62 100

98 10.7 8.2 12.4

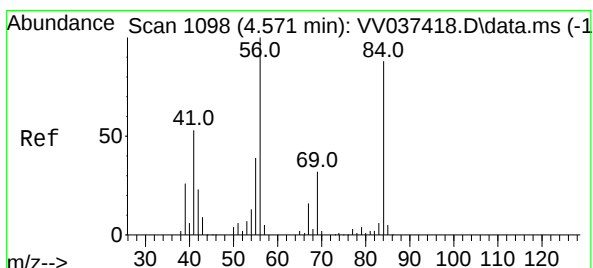
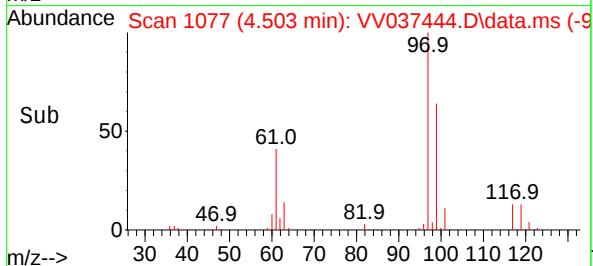
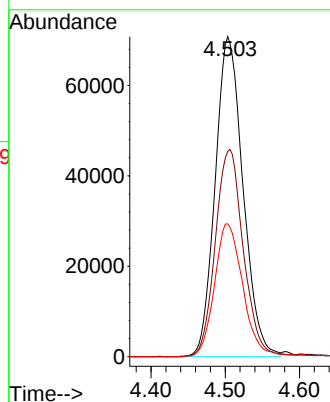
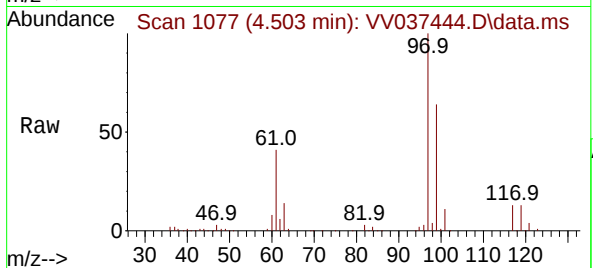




#29
1,1,1-Trichloroethane
Concen: 4.943 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

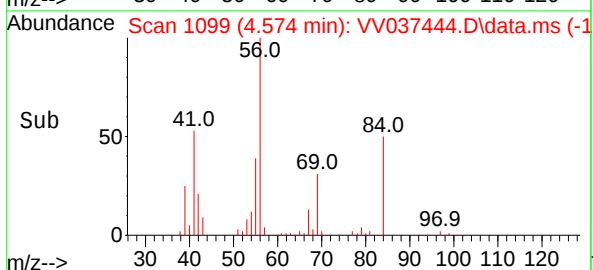
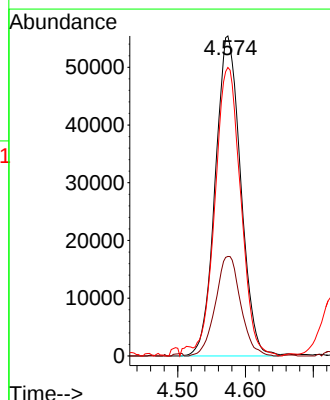
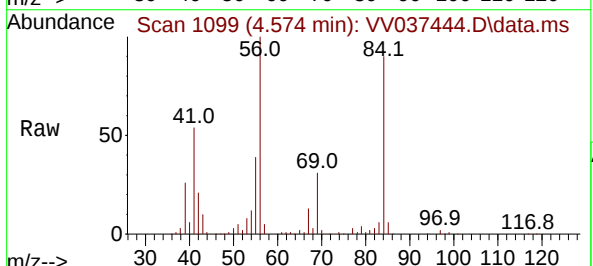
Instrument :
MSVOA_V
ClientSampleId :

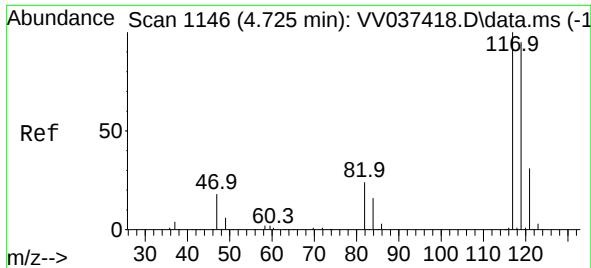
Tgt Ion: 97 Resp: 184115
Ion Ratio Lower Upper
97 100
99 65.4 50.0 75.0
61 42.3 34.3 51.5



#30
Cyclohexane
Concen: 4.001 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

Tgt Ion: 56 Resp: 144597
Ion Ratio Lower Upper
56 100
69 30.7 24.1 36.1
84 90.8 73.1 109.7

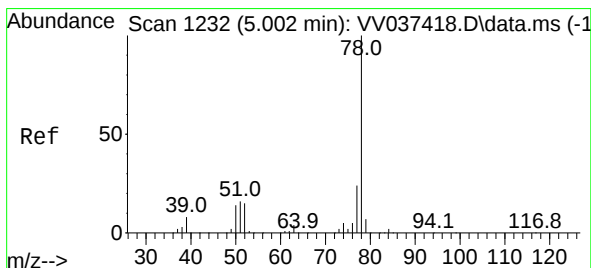
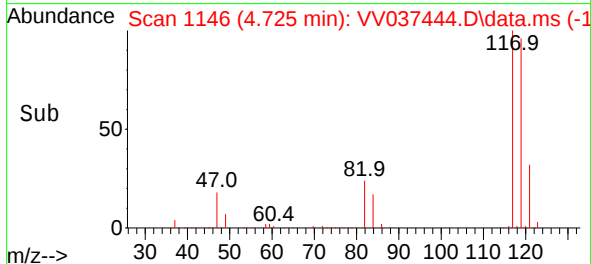
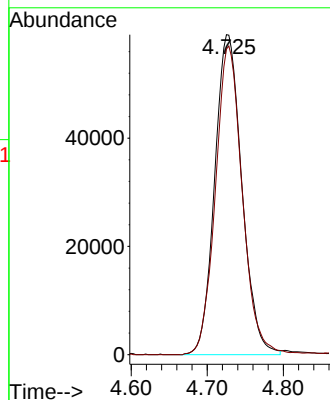
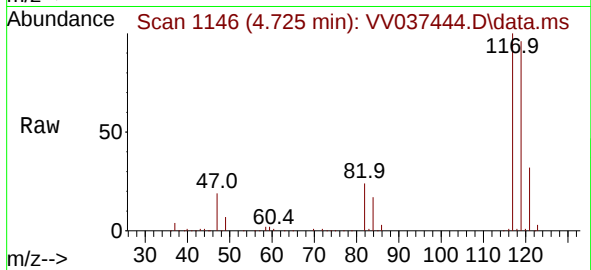




#31
Carbon tetrachloride
Concen: 4.627 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

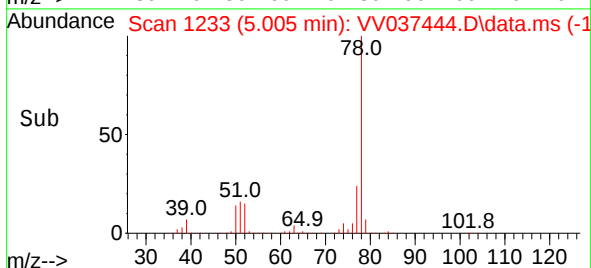
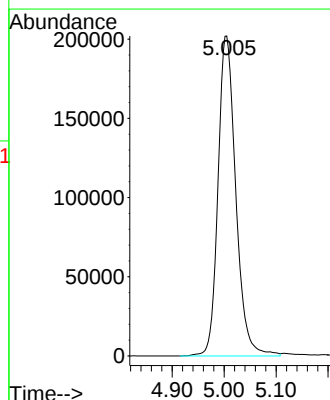
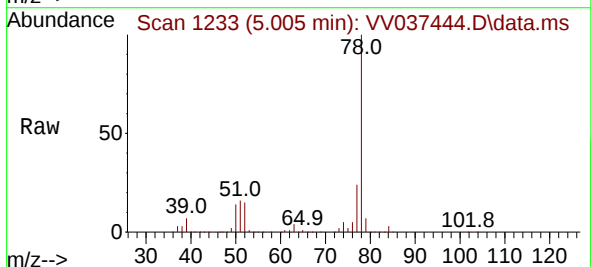
Instrument :
MSVOA_V
ClientSampleId :

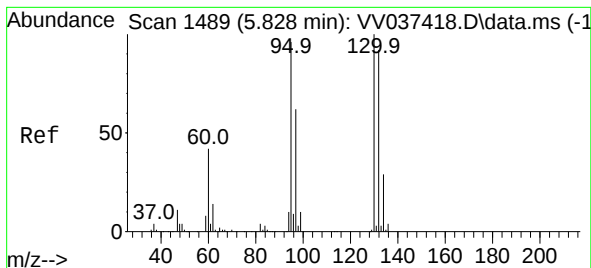
Tgt Ion:117 Resp: 146710
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.4



#33
Benzene
Concen: 5.072 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

Tgt Ion: 78 Resp: 480139





#34

Trichloroethene

Concen: 4.738 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

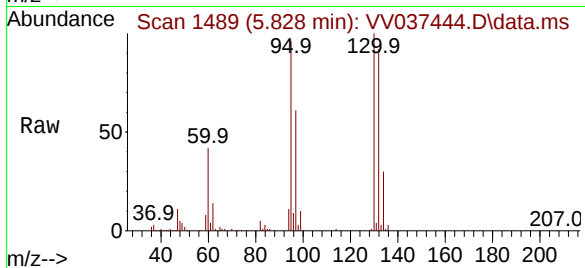
Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 120856

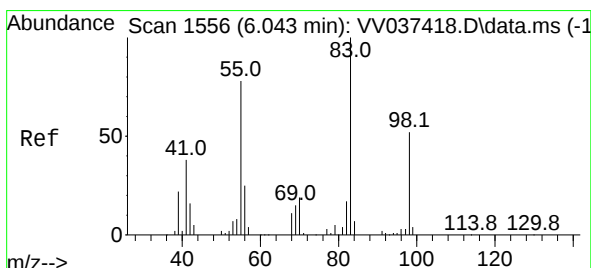
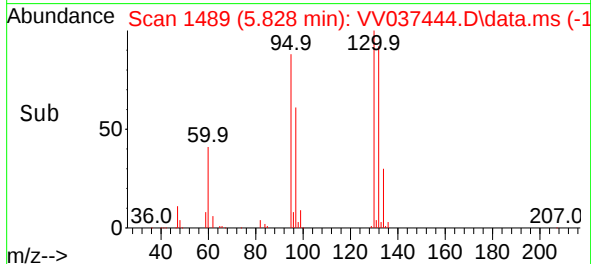
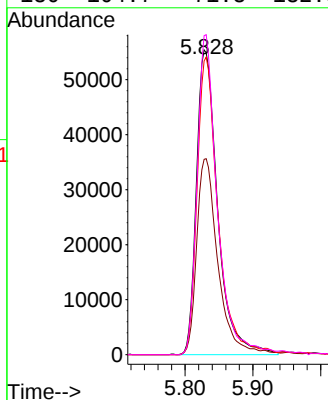
Ion Ratio Lower Upper

95 100

97 64.1 46.5 86.5

132 96.4 65.5 121.7

130 104.7 71.3 132.3



#35

Methylcyclohexane

Concen: 4.007 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

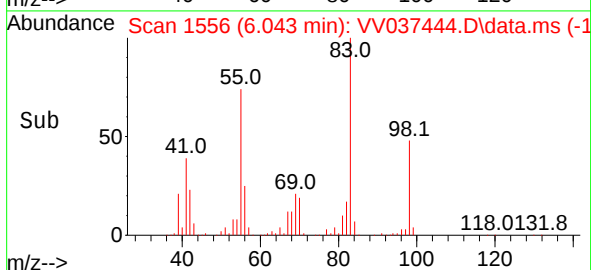
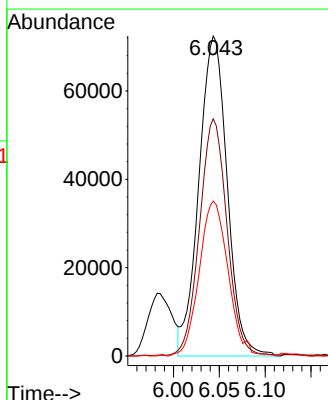
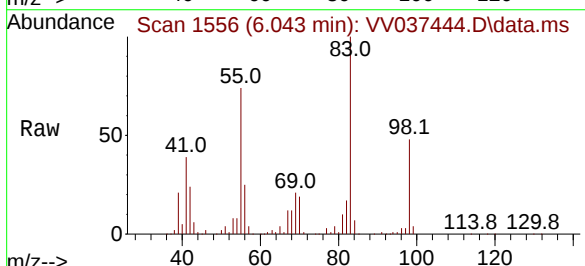
Tgt Ion: 83 Resp: 155391

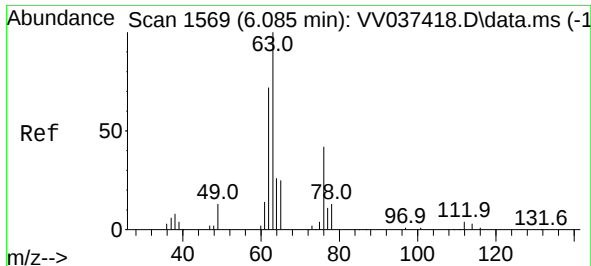
Ion Ratio Lower Upper

83 100

55 71.4 60.3 90.5

98 49.3 38.2 57.4

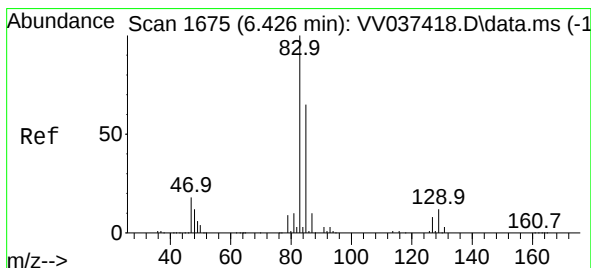
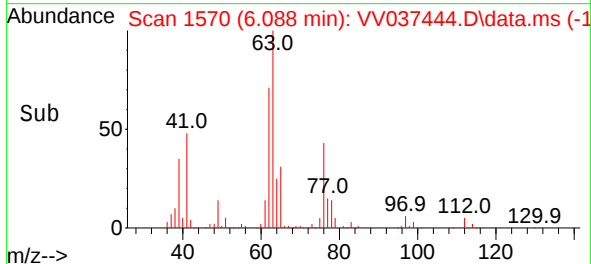
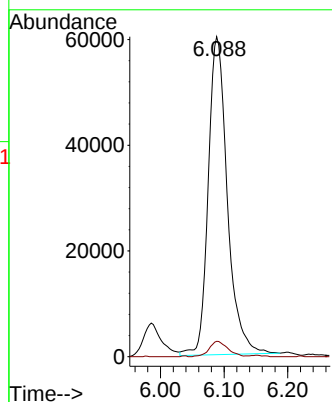
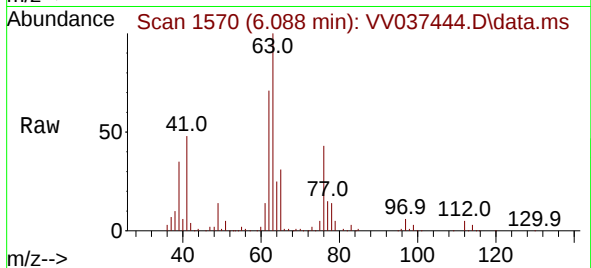




#37
1,2-Dichloropropane
Concen: 5.209 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

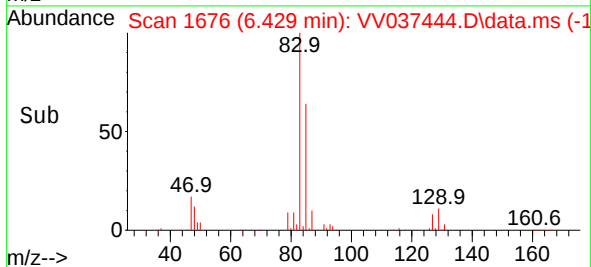
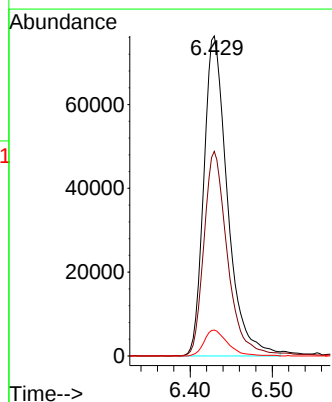
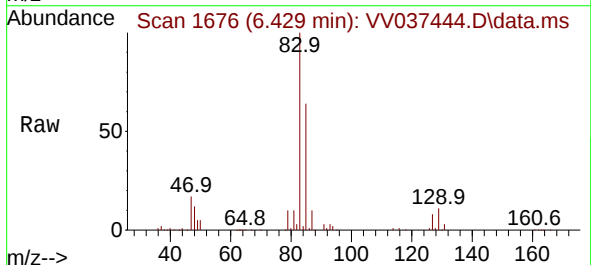
Instrument :
MSVOA_V
ClientSampleId :

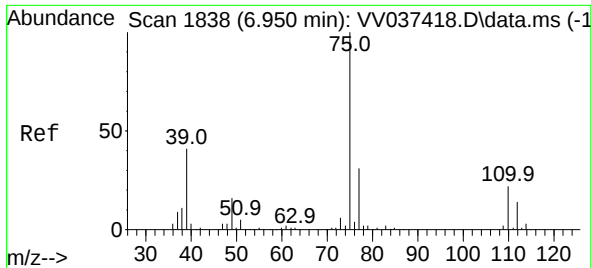
Tgt Ion: 63 Resp: 125447
Ion Ratio Lower Upper
63 100
112 4.7 3.7 5.5



#38
Bromodichloromethane
Concen: 5.091 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

Tgt Ion: 83 Resp: 153478
Ion Ratio Lower Upper
83 100
85 63.9 43.7 81.1
127 8.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.731 ug/L

RT: 6.953 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

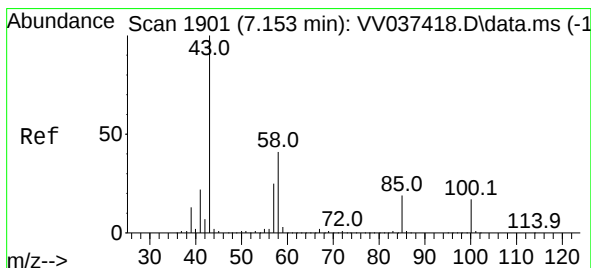
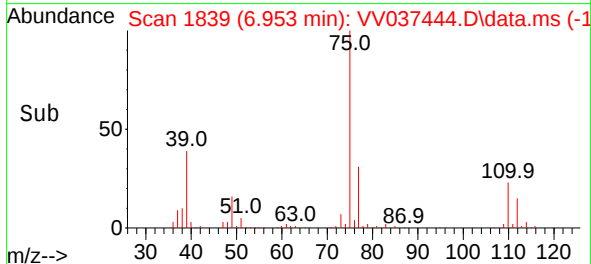
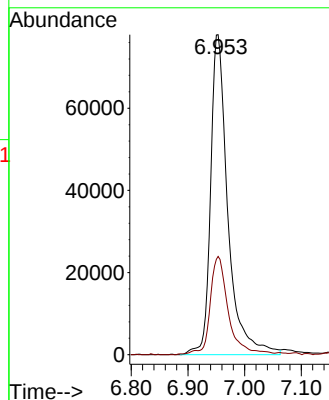
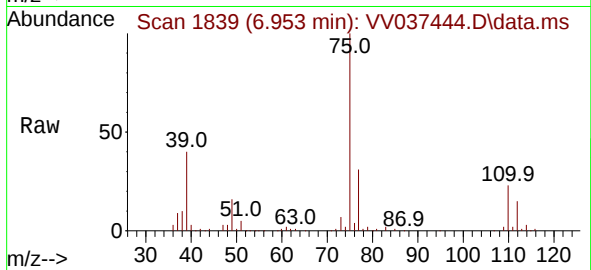
ClientSampleId :

Tgt Ion: 75 Resp: 165034

Ion Ratio Lower Upper

75 100

77 30.7 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 55.064 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

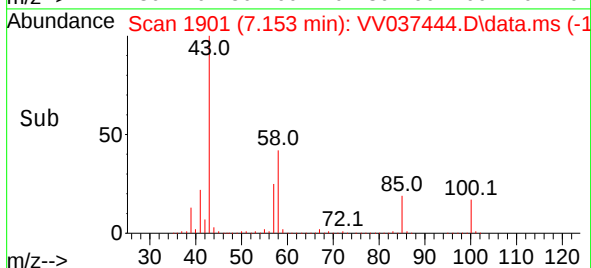
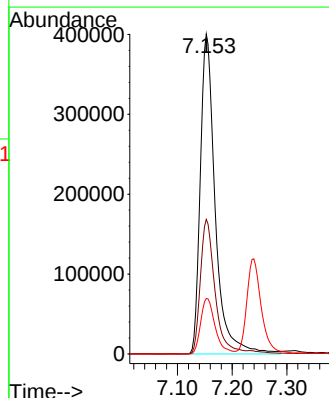
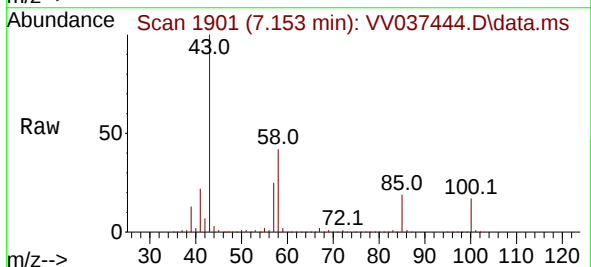
Tgt Ion: 43 Resp: 759184

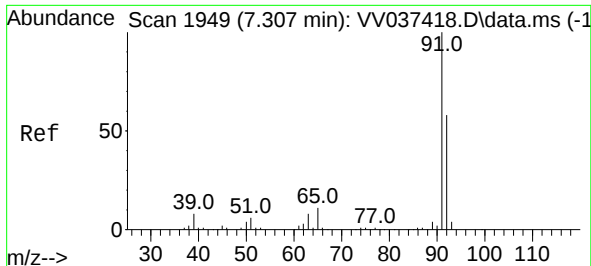
Ion Ratio Lower Upper

43 100

58 40.9 31.7 47.5

100 16.9 12.6 19.0





#42

Toluene

Concen: 4.978 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

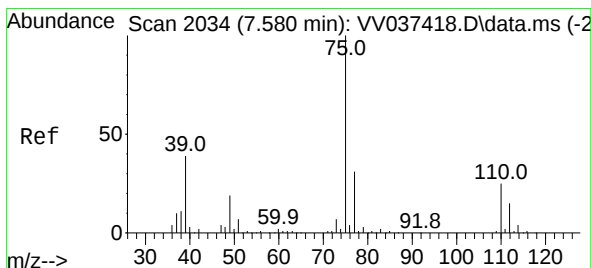
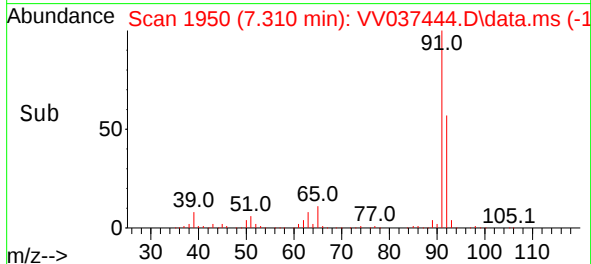
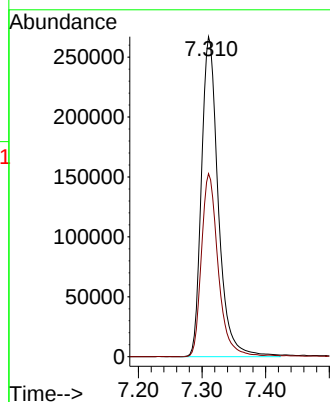
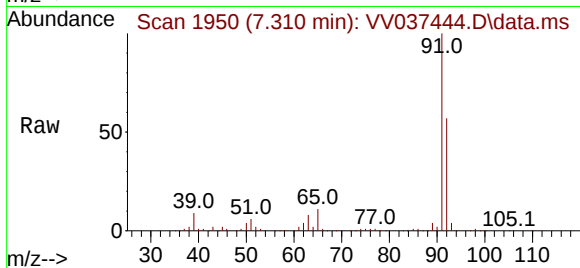
ClientSampleId :

Tgt Ion: 91 Resp: 490116

Ion Ratio Lower Upper

91 100

92 57.2 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 4.779 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV037444.D

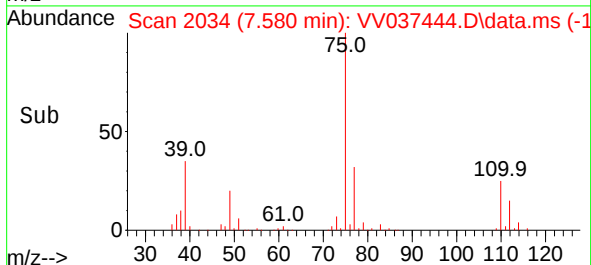
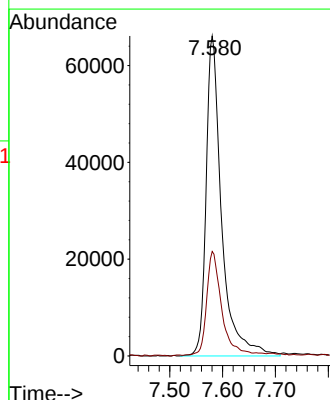
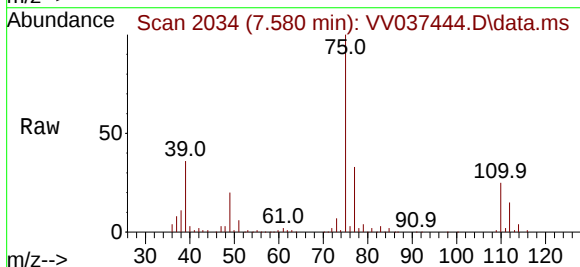
Acq: 20 Sep 2024 20:16

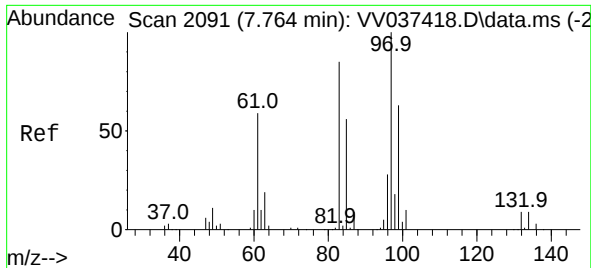
Tgt Ion: 75 Resp: 134533

Ion Ratio Lower Upper

75 100

77 32.6 20.9 38.9

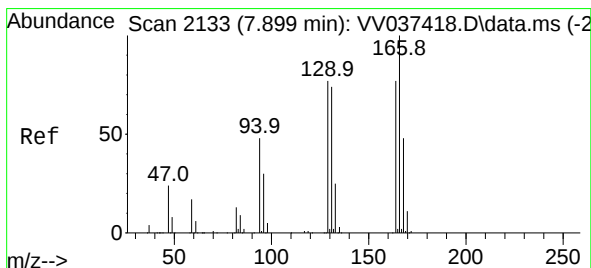
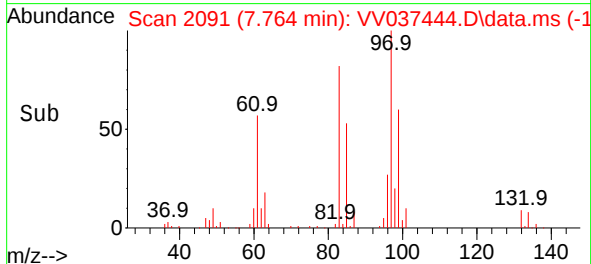
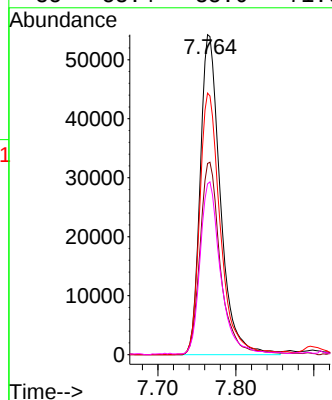
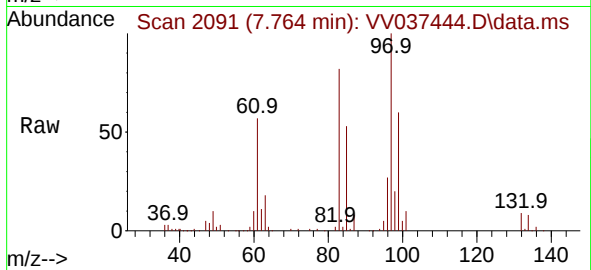




#45
1,1,2-Trichloroethane
Concen: 5.661 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

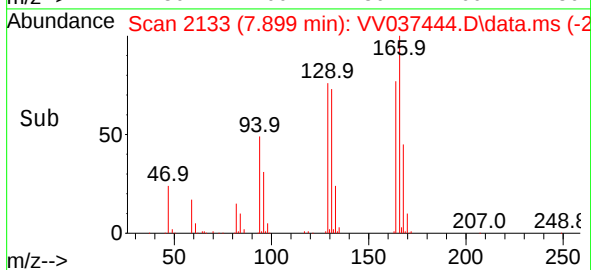
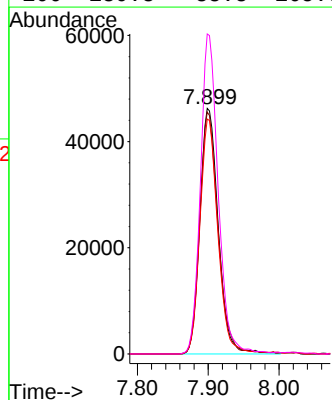
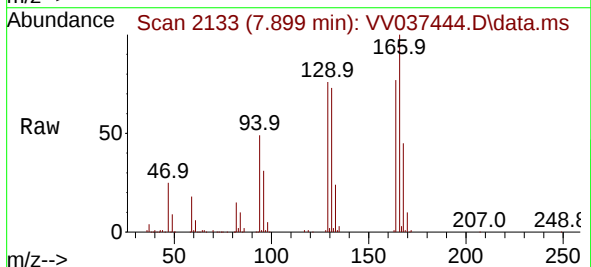
Instrument :
MSVOA_V
ClientSampleId :

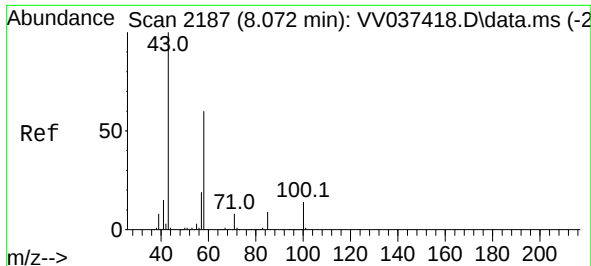
Tgt Ion:	97	Resp:	97580
Ion	Ratio	Lower	Upper
97	100		
99	59.8	43.1	80.1
83	81.8	61.0	113.4
85	53.4	38.6	71.6



#47
Tetrachloroethene
Concen: 4.548 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

Tgt Ion:	164	Resp:	83029
Ion	Ratio	Lower	Upper
164	100		
129	98.5	69.2	128.4
131	95.6	66.6	123.8
166	130.3	88.8	165.0





#48

2-Hexanone

Concen: 54.554 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

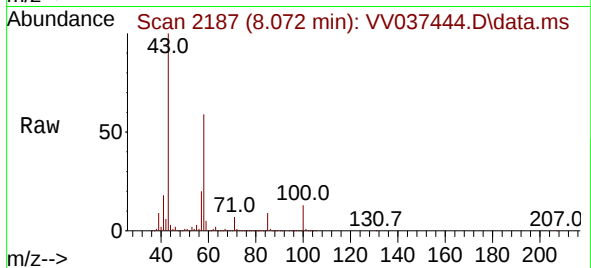
Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 549750

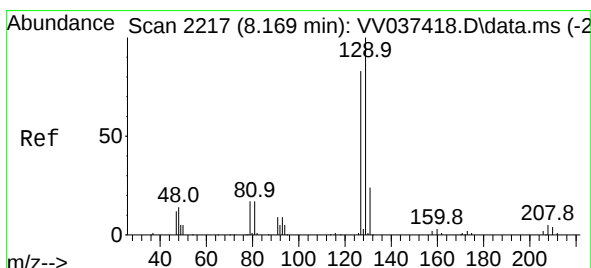
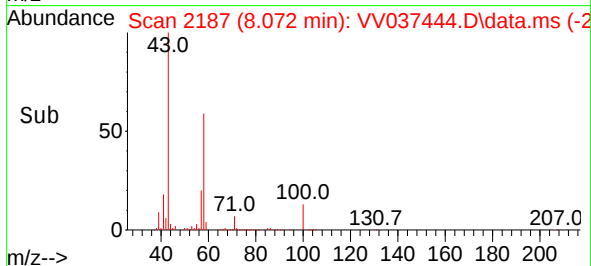
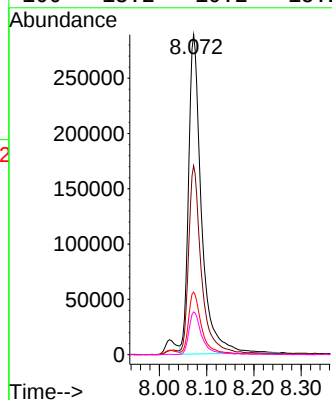
Ion Ratio Lower Upper

43 100

58 56.2 45.5 68.3

57 19.4 15.3 22.9

100 13.2 10.2 15.2



#49

Dibromochloromethane

Concen: 5.001 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV037444.D

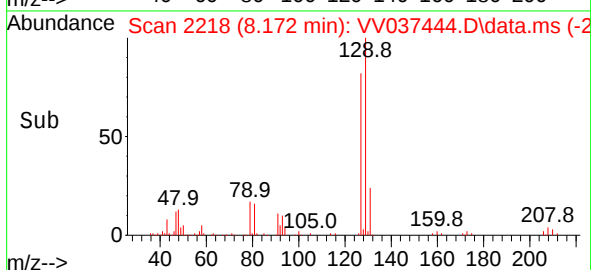
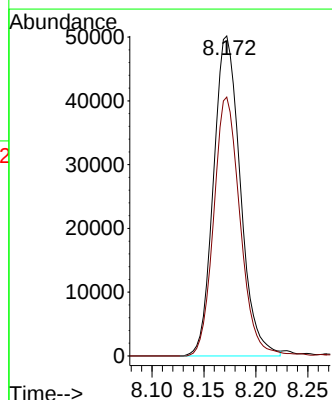
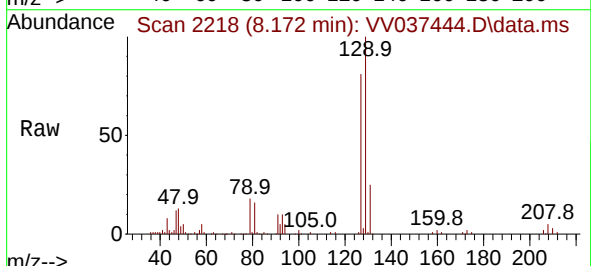
Acq: 20 Sep 2024 20:16

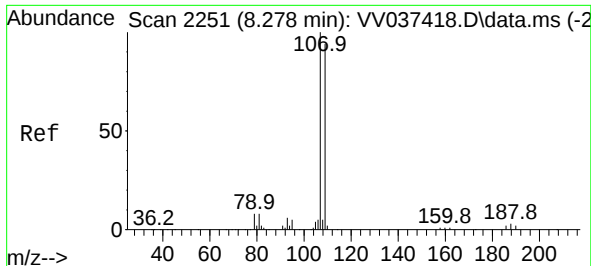
Tgt Ion: 129 Resp: 90312

Ion Ratio Lower Upper

129 100

127 80.9 54.5 101.1





#50

1,2-Dibromoethane

Concen: 5.488 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV037444.D

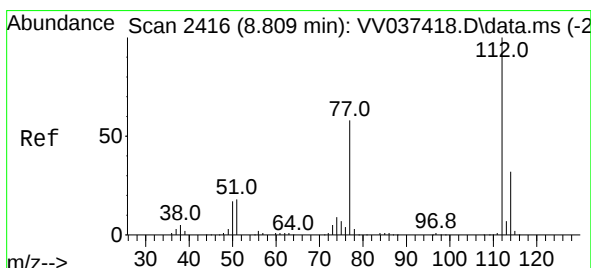
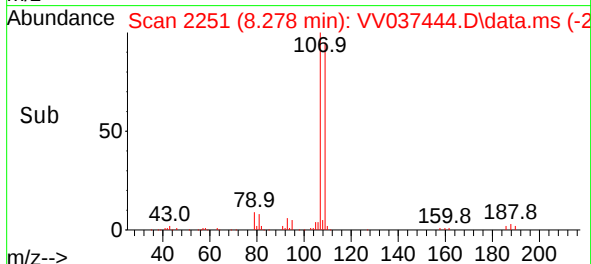
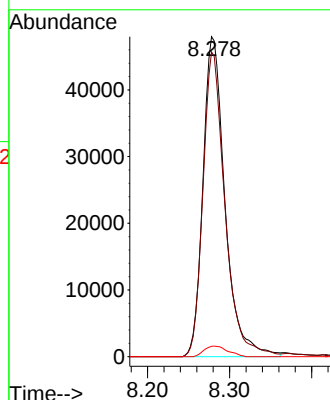
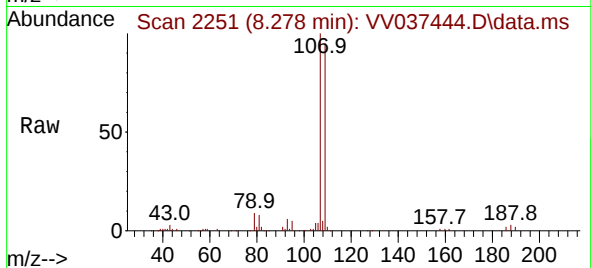
Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	89381
Ion Ratio	Lower	Upper
107	100	
109	95.2	68.1 126.5
188	3.2	2.7 4.1



#51

Chlorobenzene

Concen: 4.832 ug/L

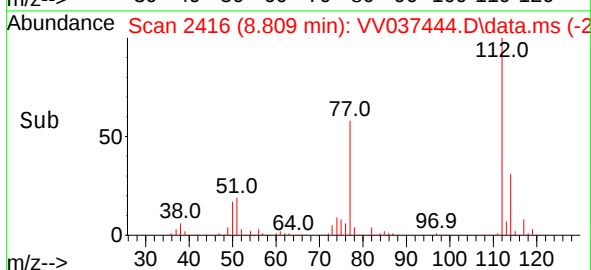
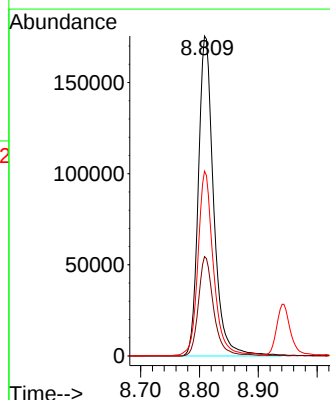
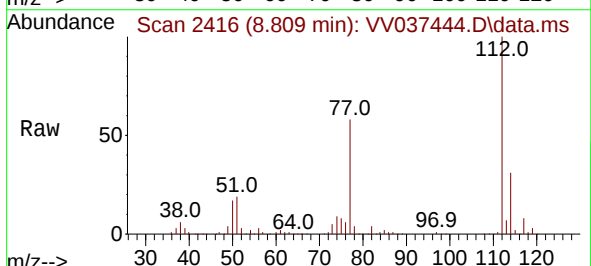
RT: 8.809 min Scan# 2416

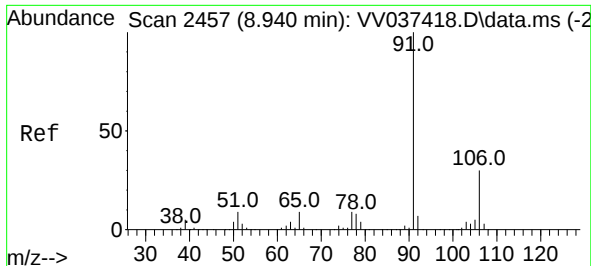
Delta R.T. -0.000 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Tgt Ion:112	Resp:	316783
Ion Ratio	Lower	Upper
112	100	
114	31.0	22.6 42.0
77	57.7	47.0 70.6





#52

Ethylbenzene

Concen: 4.533 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

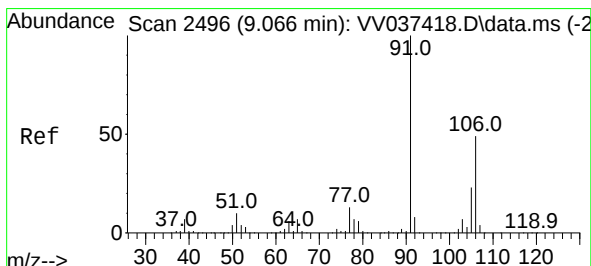
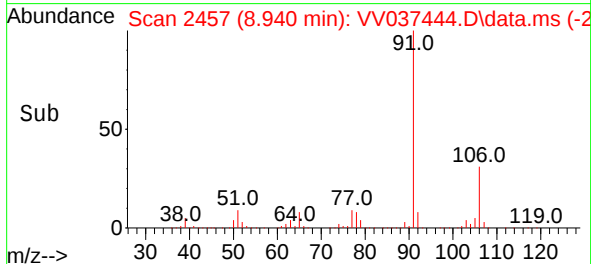
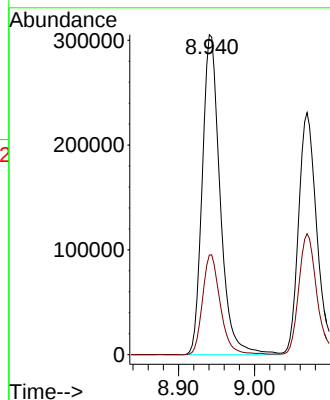
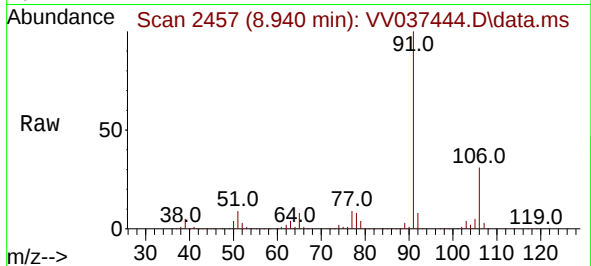
ClientSampleId :

Tgt Ion: 91 Resp: 498140

Ion Ratio Lower Upper

91 100

106 31.2 21.7 40.3



#53

m,p-Xylene

Concen: 4.768 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV037444.D

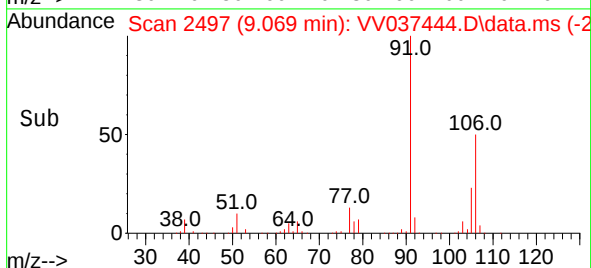
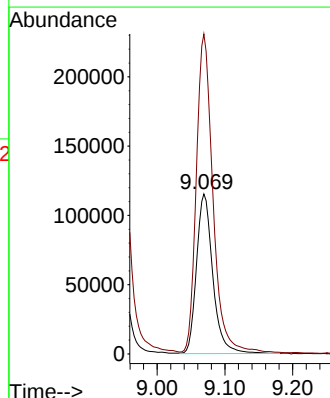
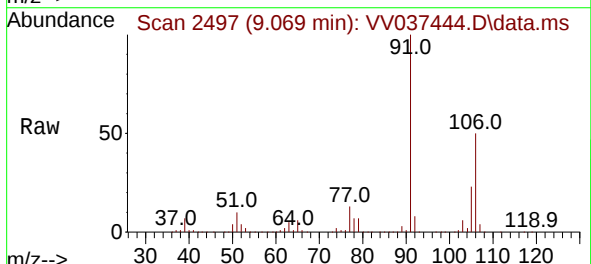
Acq: 20 Sep 2024 20:16

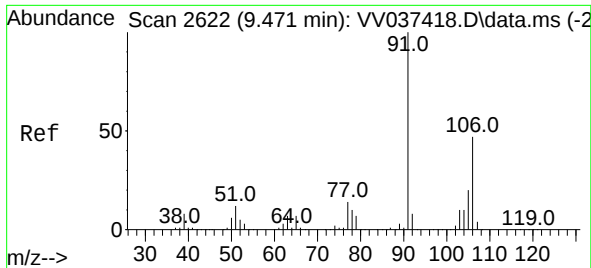
Tgt Ion:106 Resp: 192783

Ion Ratio Lower Upper

106 100

91 199.9 143.3 266.1

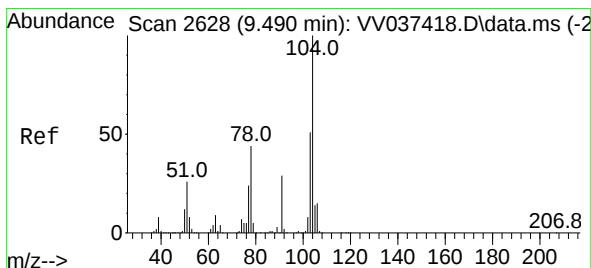
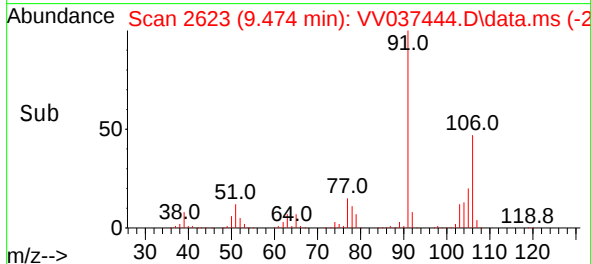
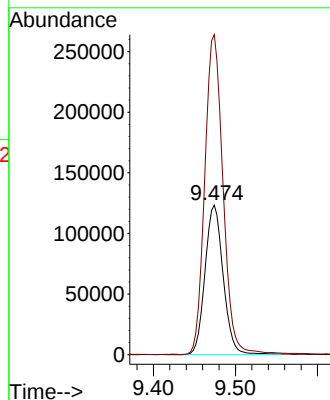
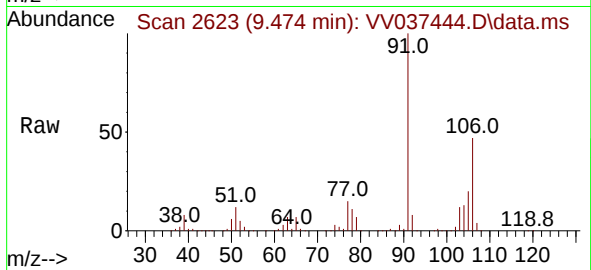




#54
o-Xylene
Concen: 4.749 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

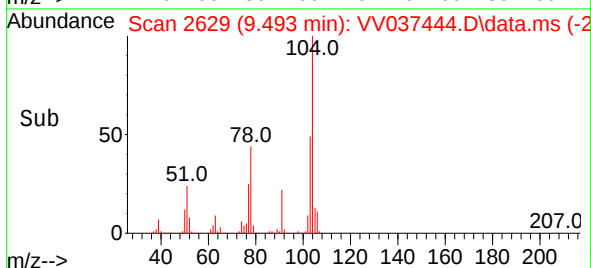
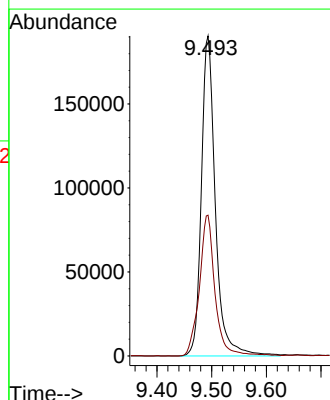
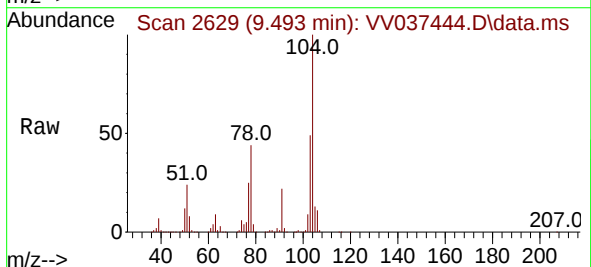
Instrument :
MSVOA_V
ClientSampleId :

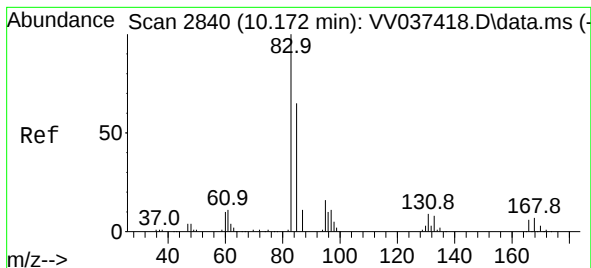
Tgt Ion:106 Resp: 190110
Ion Ratio Lower Upper
106 100
91 214.0 151.8 282.0



#55
Styrene
Concen: 4.990 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

Tgt Ion:104 Resp: 338607
Ion Ratio Lower Upper
104 100
78 44.0 29.2 54.2

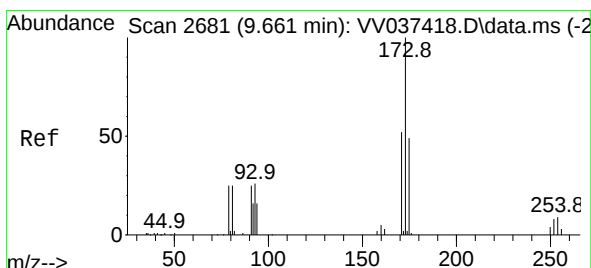
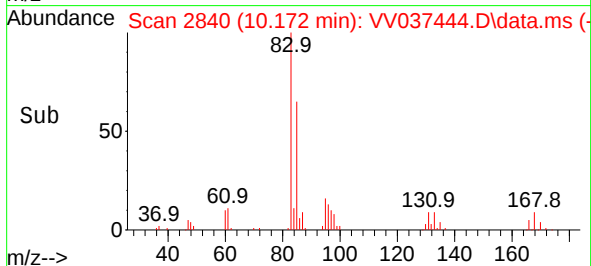
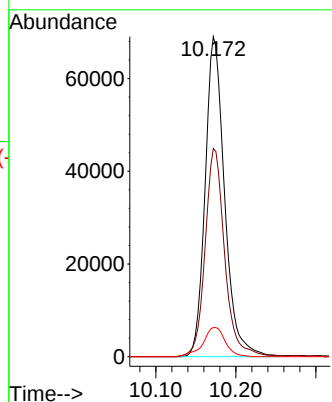
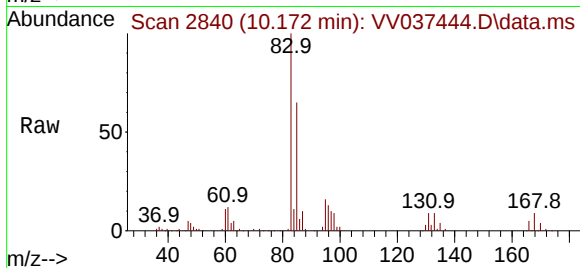




#57
1,1,2,2-Tetrachloroethane
Concen: 5.622 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

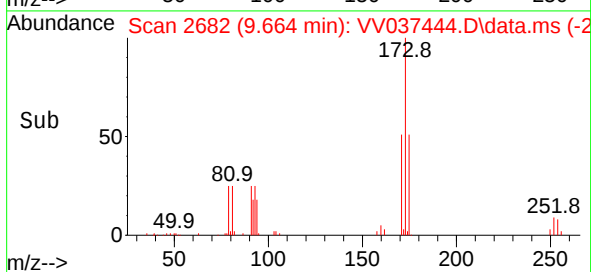
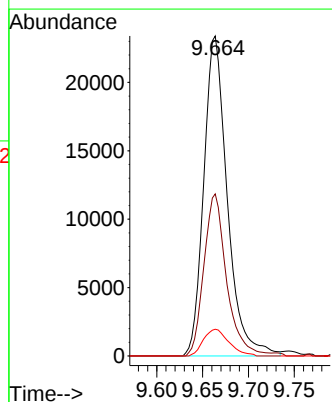
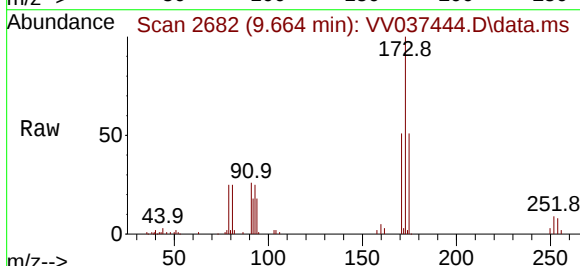
Instrument :
MSVOA_V
ClientSampleId :

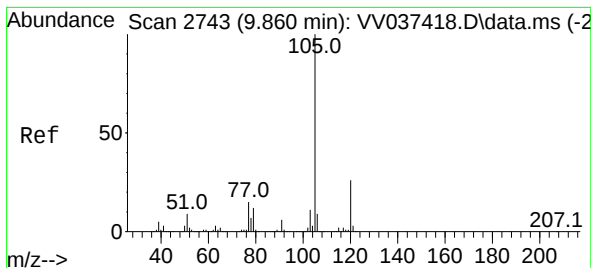
Tgt Ion: 83 Resp: 117056
Ion Ratio Lower Upper
83 100
85 65.0 43.2 80.2
131 9.1 6.9 10.3



#59
Bromoform
Concen: 4.521 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV037444.D
Acq: 20 Sep 2024 20:16

Tgt Ion: 173 Resp: 41807
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
254 9.0 6.8 10.2





#60

Isopropylbenzene

Concen: 4.574 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

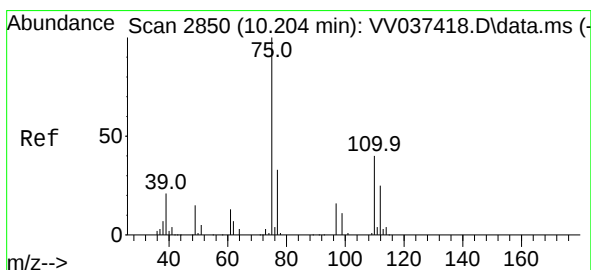
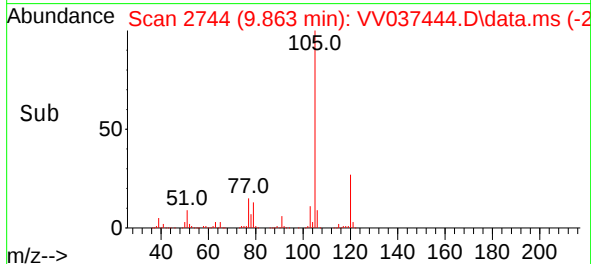
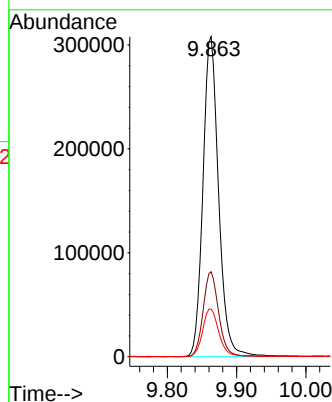
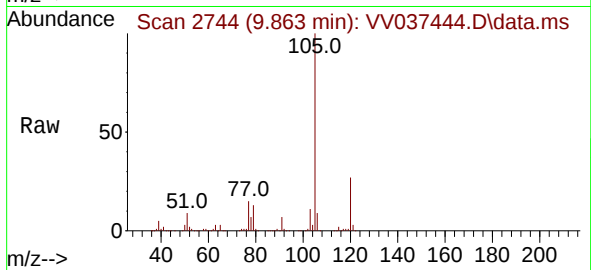
Tgt Ion:105 Resp: 483947

Ion Ratio Lower Upper

105 100

120 26.2 20.2 30.4

77 15.3 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 5.514 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

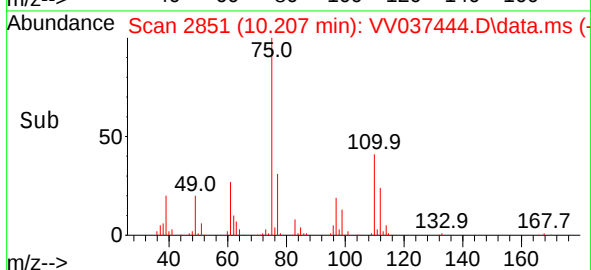
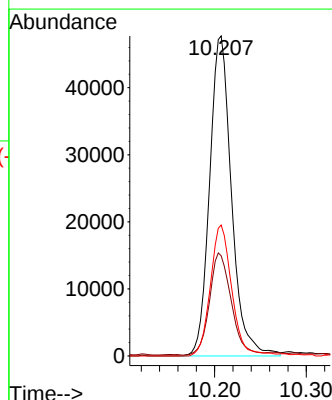
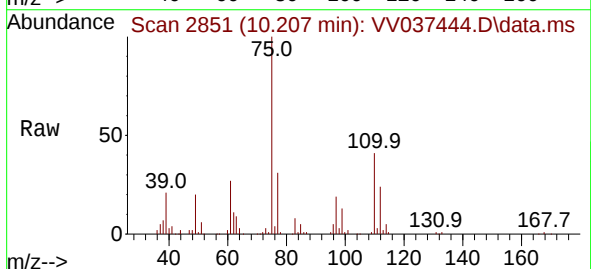
Tgt Ion: 75 Resp: 79303

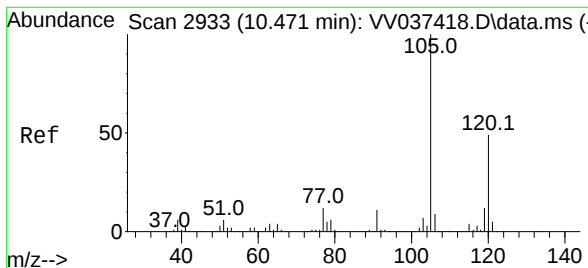
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

110 39.9 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 4.618 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

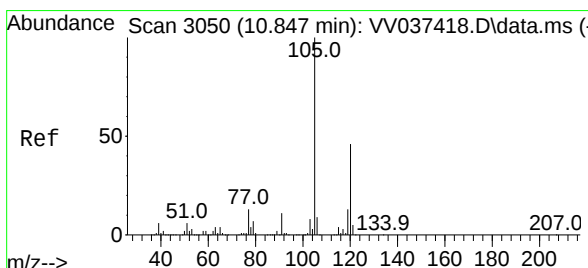
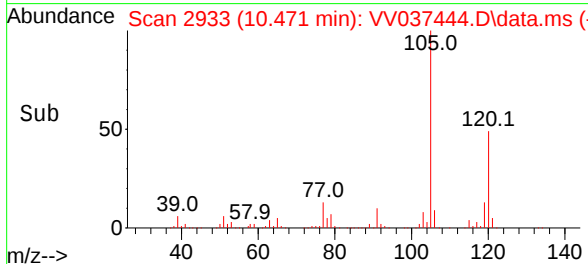
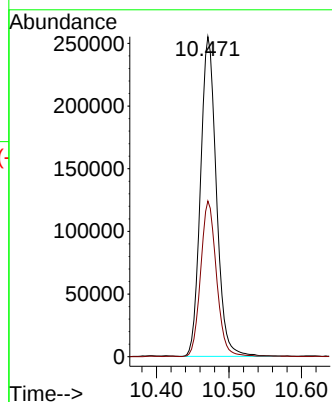
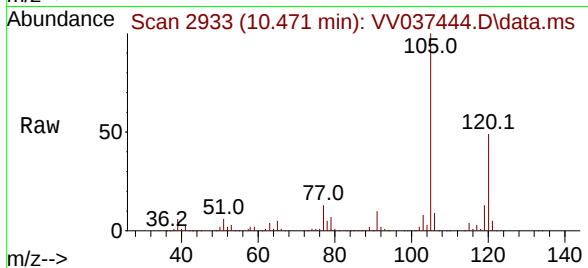
ClientSampleId :

Tgt Ion:105 Resp: 387412

Ion Ratio Lower Upper

105 100

120 48.6 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 4.741 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV037444.D

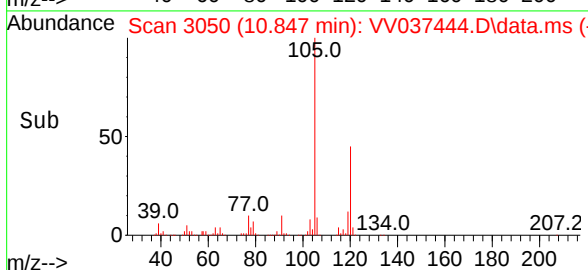
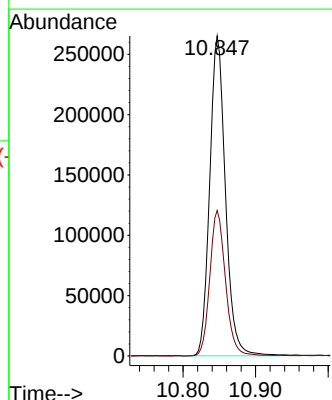
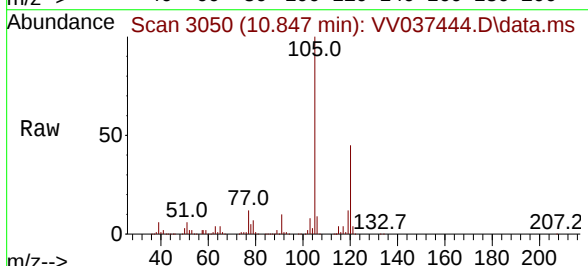
Acq: 20 Sep 2024 20:16

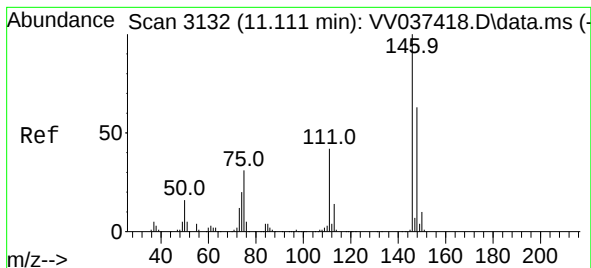
Tgt Ion:105 Resp: 399533

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 4.907 ug/L

RT: 11.114 min Scan# 3132

Delta R.T. 0.003 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

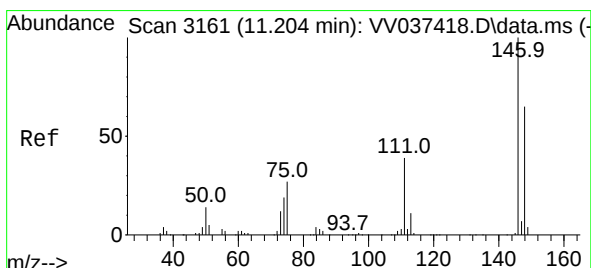
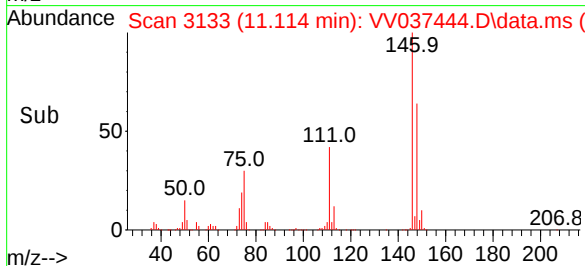
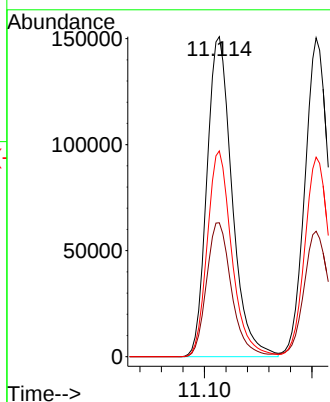
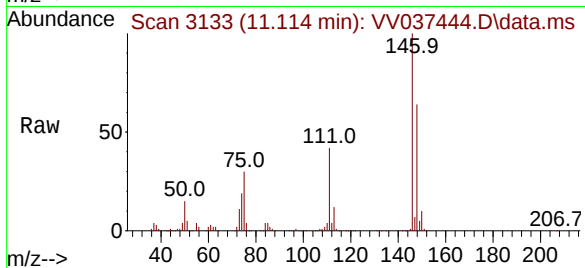
Tgt Ion:146 Resp: 245403

Ion Ratio Lower Upper

146 100

111 41.9 28.8 53.4

148 64.3 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 4.850 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

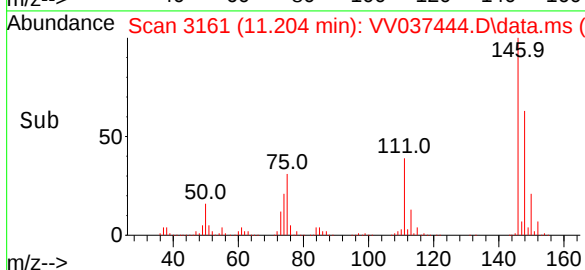
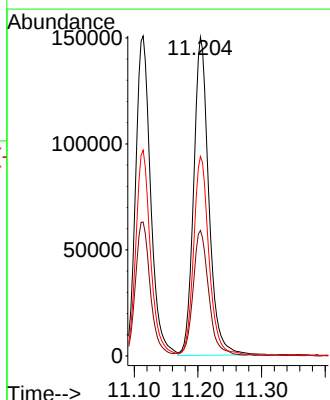
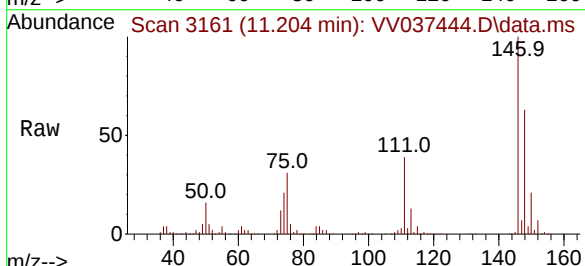
Tgt Ion:146 Resp: 248771

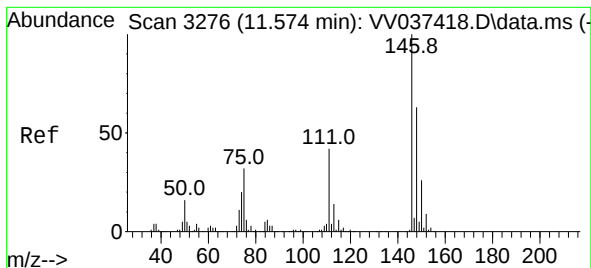
Ion Ratio Lower Upper

146 100

111 39.3 28.2 52.4

148 62.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.010 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

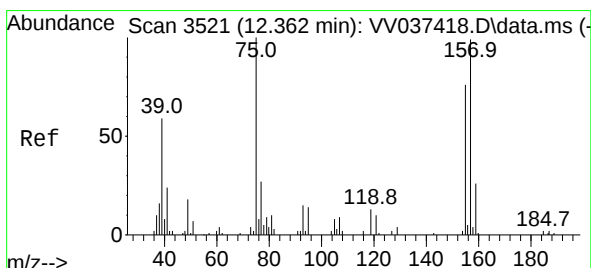
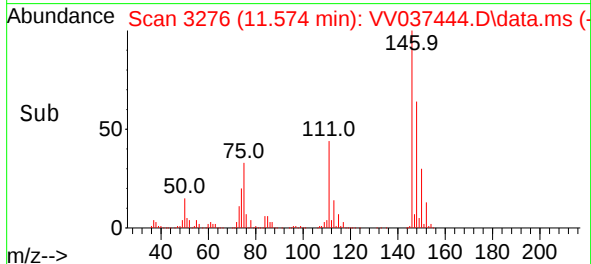
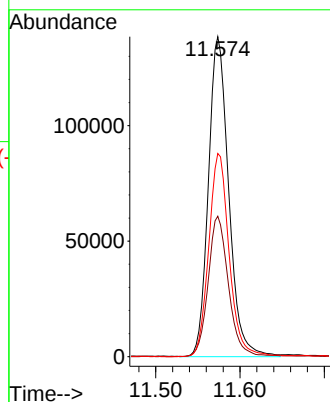
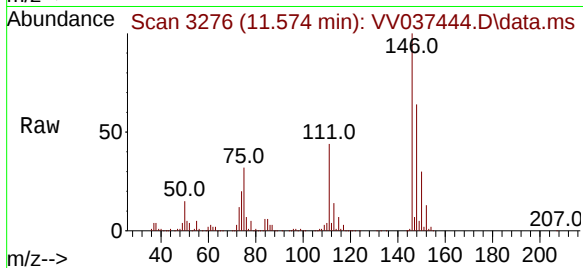
Tgt Ion:146 Resp: 232316

Ion Ratio Lower Upper

146 100

111 43.9 34.4 51.6

148 63.5 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.410 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

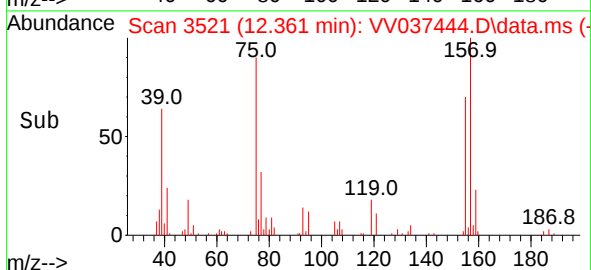
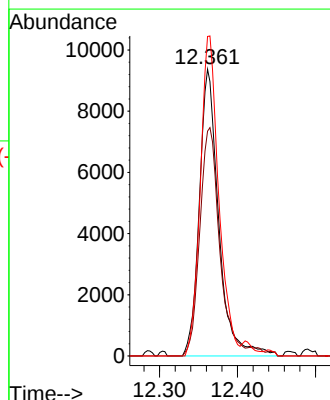
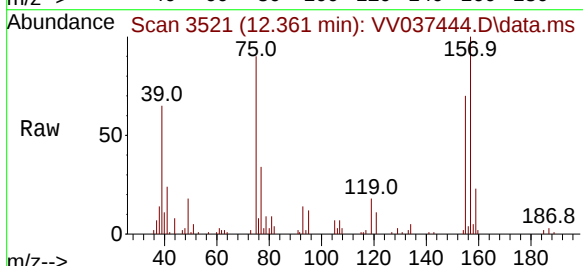
Tgt Ion: 75 Resp: 16137

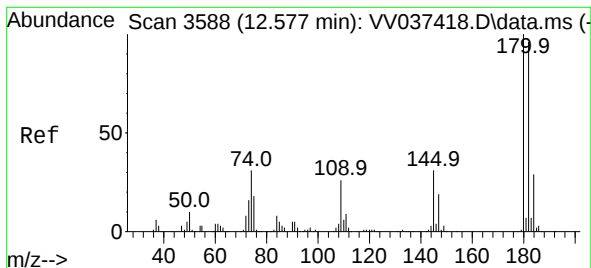
Ion Ratio Lower Upper

75 100

155 78.4 60.6 90.8

157 111.5 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 4.722 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

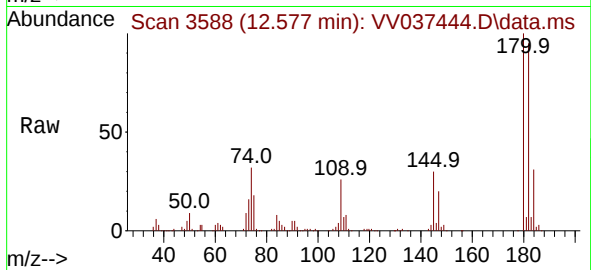
Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 168411

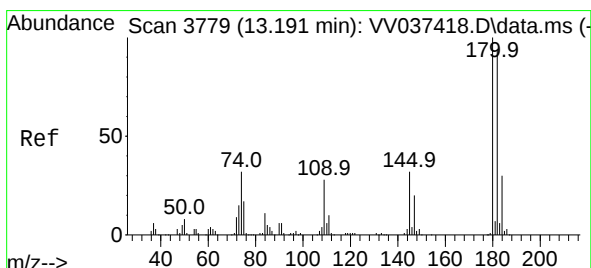
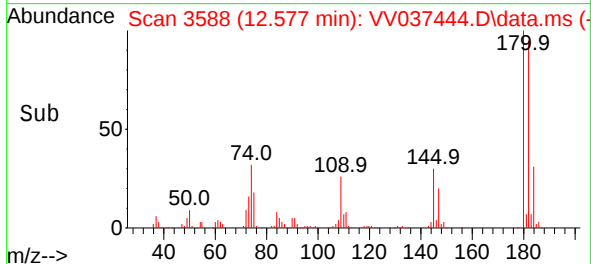
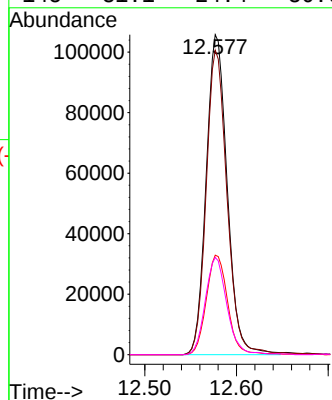
Ion Ratio Lower Upper

180 100

182 94.1 74.3 111.5

184 31.7 24.3 36.5

145 31.1 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 5.016 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

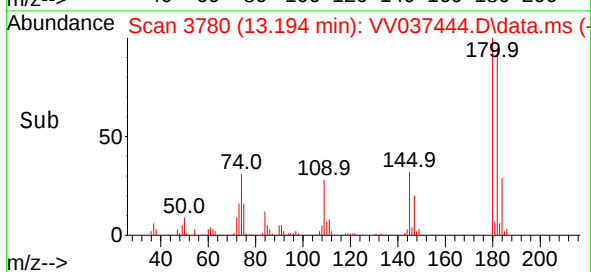
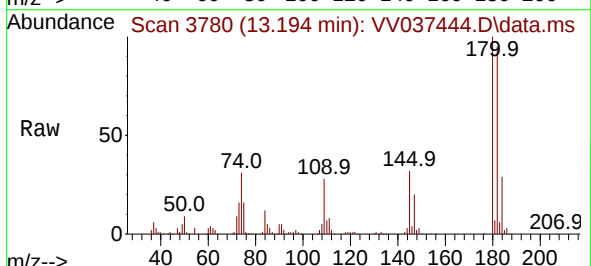
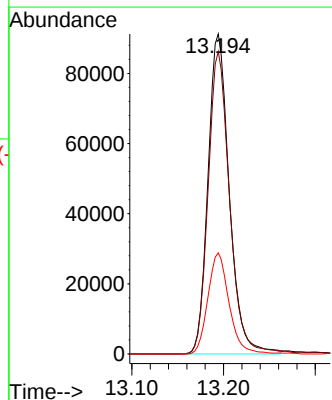
Tgt Ion:180 Resp: 147273

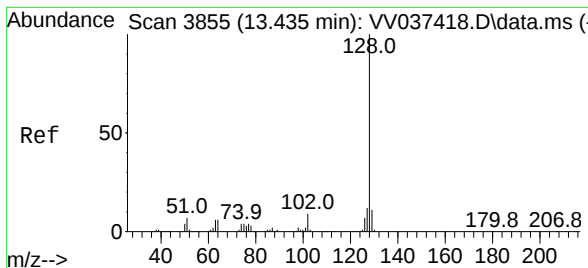
Ion Ratio Lower Upper

180 100

182 95.4 75.4 113.0

145 31.5 25.8 38.6





#71

Naphthalene

Concen: 6.488 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

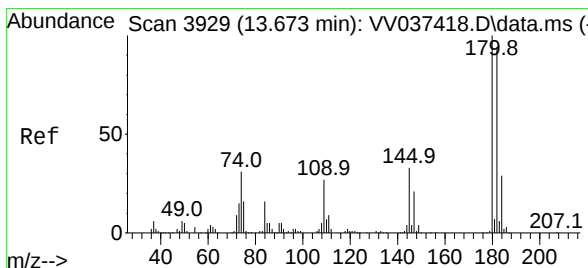
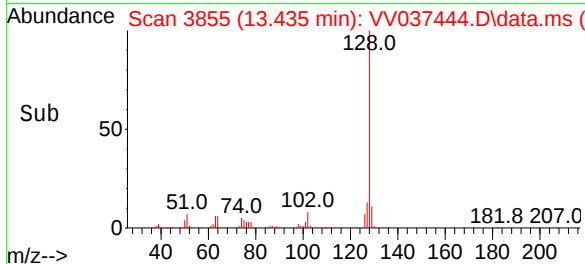
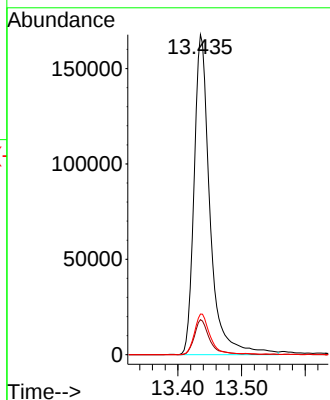
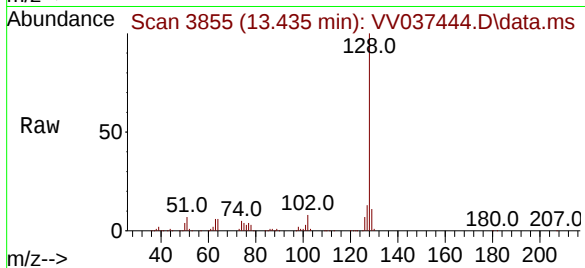
Tgt Ion:128 Resp: 291088

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 12.4 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.534 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037444.D

Acq: 20 Sep 2024 20:16

Tgt Ion:180 Resp: 134433

Ion Ratio Lower Upper

180 100

182 94.0 73.4 110.0

145 33.1 27.2 40.8

