

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037394.D
 Acq On : 19 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 02:01:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:54:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	321455	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	317508	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	167552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	94639	5.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.529	69	81461	4.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.053	65	41978	4.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.805	46	262663	46.604	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.200%
24) Chloroform-d	4.243	84	211775	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.940	65	100526	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.957	84	397975	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	5.985	67	122860	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.239	98	372020	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.555	79	40090	4.604	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.024	63	238383	56.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.060%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	109565	5.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	137359	4.611	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	142493	4.772	ug/L	100
3) Chloromethane	1.214	50	144548	4.537	ug/L	98
5) Vinyl chloride	1.278	62	153217	4.893	ug/L	90
6) Bromomethane	1.484	94	87258	4.645	ug/L	100
8) Chloroethane	1.545	64	98220	5.216	ug/L	93
9) Trichlorofluoromethane	1.709	101	204185	5.242	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	118396	5.019	ug/L	99
12) 1,1-Dichloroethene	2.063	96	112187	4.980	ug/L	92
13) Acetone	2.140	43	192004	48.927	ug/L	97
14) Carbon disulfide	2.236	76	346522	4.879	ug/L	99
15) Methyl Acetate	2.384	43	46374	5.159	ug/L	98
16) Methylene chloride	2.442	84	138841	5.361	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	281515	5.257	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	123461	5.209	ug/L	98
19) 1,1-Dichloroethane	3.105	63	233561	5.161	ug/L	100
21) 2-Butanone	3.889	43	304108	50.987	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	135163	5.275	ug/L	94
23) Bromochloromethane	4.146	128	61133	5.509	ug/L	98
25) Chloroform	4.268	83	239655	5.256	ug/L	96

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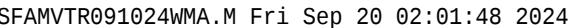
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 ClientSampleId :

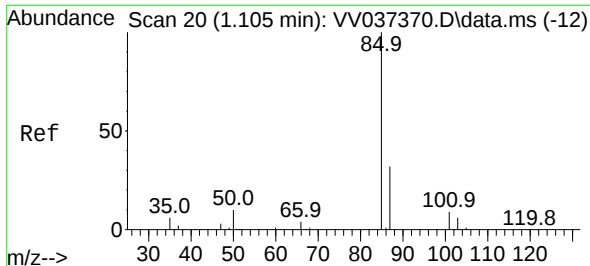
Quant Time: Sep 20 02:01:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	140940	5.463	ug/L	99
29) 1,1,1-Trichloroethane	4.506	97	202005	5.365	ug/L	99
30) Cyclohexane	4.574	56	176257	4.826	ug/L	99
31) Carbon tetrachloride	4.728	117	167323	5.221	ug/L	100
33) Benzene	5.005	78	511983	5.352	ug/L	100
34) Trichloroethene	5.831	95	134911	5.233	ug/L	98
35) Methylcyclohexane	6.043	83	189495	4.835	ug/L	99
37) 1,2-Dichloropropane	6.088	63	133082	5.468	ug/L	98
38) Bromodichloromethane	6.429	83	158531	5.203	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	163940	4.650	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	773110	55.481	ug/L	98
42) Toluene	7.310	91	550970	5.537	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	128389	4.513	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	98583	5.659	ug/L	99
47) Tetrachloroethene	7.902	164	101276	5.489	ug/L	98
48) 2-Hexanone	8.072	43	561394	55.120	ug/L	99
49) Dibromochloromethane	8.172	129	91753	5.027	ug/L	100
50) 1,2-Dibromoethane	8.278	107	92701	5.632	ug/L	95
51) Chlorobenzene	8.809	112	357101	5.389	ug/L	99
52) Ethylbenzene	8.940	91	592091	5.331	ug/L	99
53) m,p-Xylene	9.069	106	223218	5.462	ug/L	100
54) o-Xylene	9.474	106	215982	5.339	ug/L	98
55) Styrene	9.490	104	385370	5.619	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	123140	5.851	ug/L	97
59) Bromoform	9.664	173	40601	4.142	ug/L	99
60) Isopropylbenzene	9.863	105	581034	5.181	ug/L	98
61) 1,2,3-Trichloropropane	10.204	75	81425	5.340	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	464102	5.219	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	474263	5.309	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	285781	5.390	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	293845	5.405	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	268151	5.456	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	15632	4.944	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.577	180	200075	5.292	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	171225	5.502	ug/L	98
71) Naphthalene	13.435	128	262547	5.520	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	147714	5.736	ug/L	97

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

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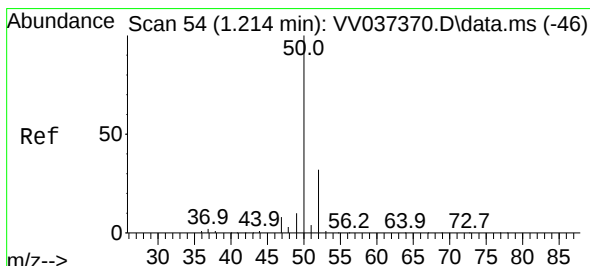
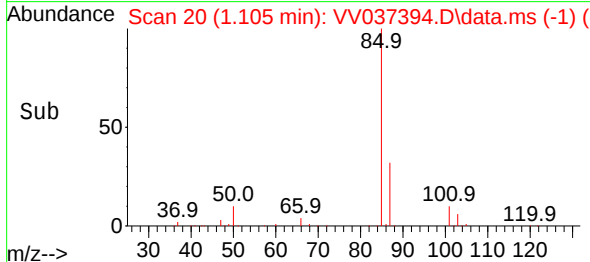
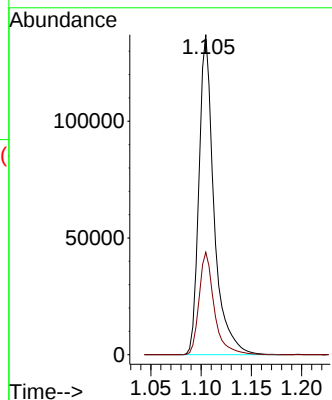
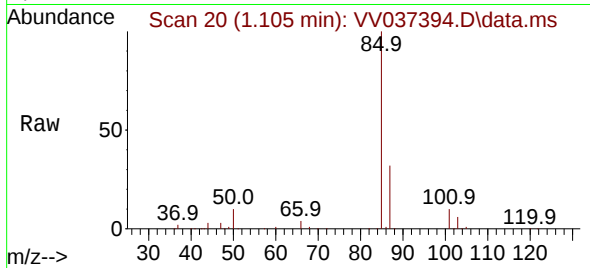




#2
Dichlorodifluoromethane
Concen: 4.772 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

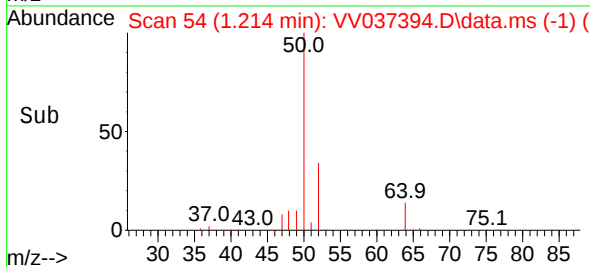
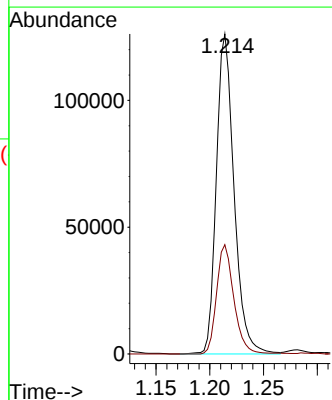
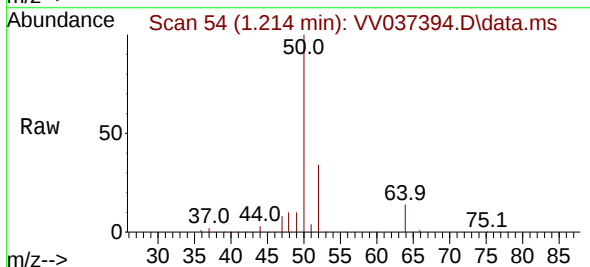
Instrument :
MSVOA_V
ClientSampleId :

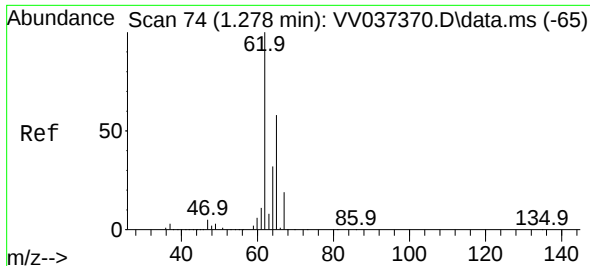
Tgt Ion: 85 Resp: 142493
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.8



#3
Chloromethane
Concen: 4.537 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

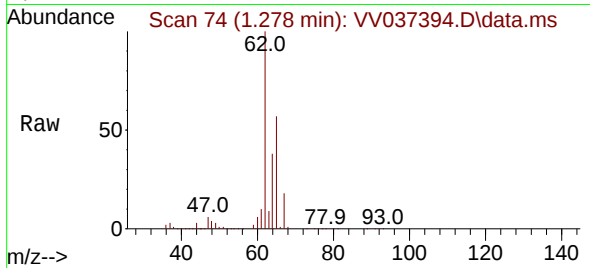
Tgt Ion: 50 Resp: 144548
Ion Ratio Lower Upper
50 100
52 34.2 23.3 43.3



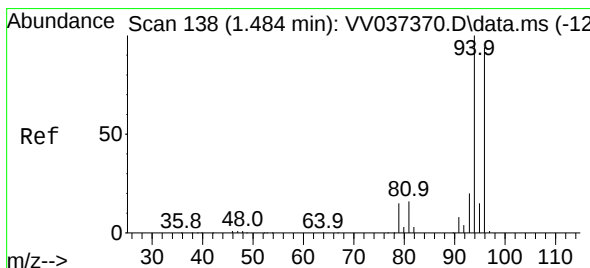
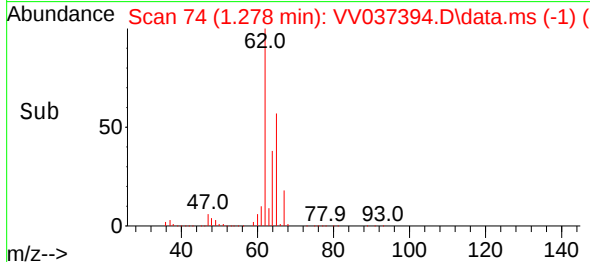
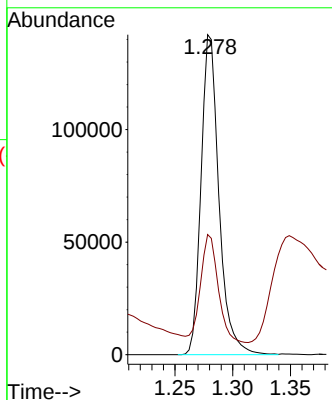


#5
 Vinyl chloride
 Concen: 4.893 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV037394.D
 Acq: 19 Sep 2024 20:16

Instrument :
 MSVOA_V
 ClientSampleId :

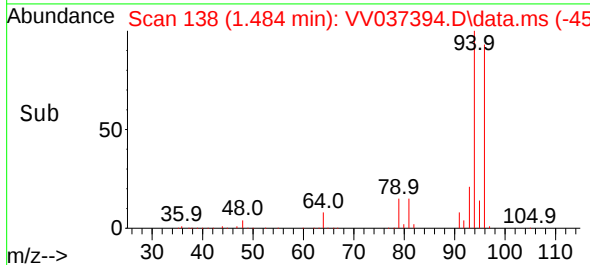
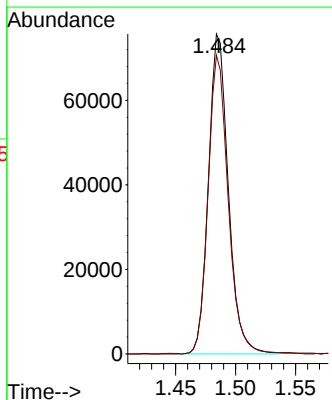
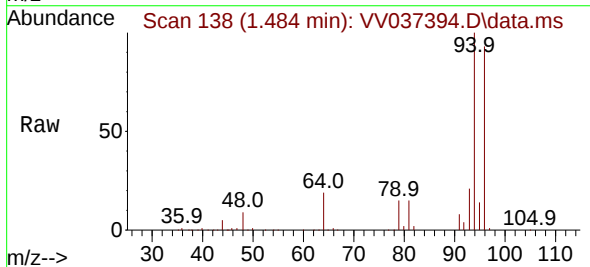


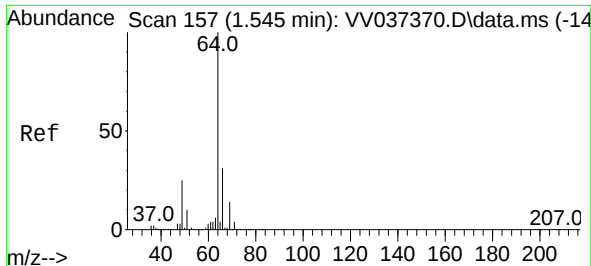
Tgt Ion: 62 Resp: 153217
 Ion Ratio Lower Upper
 62 100
 64 37.5 22.4 41.6



#6
 Bromomethane
 Concen: 4.645 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV037394.D
 Acq: 19 Sep 2024 20:16

Tgt Ion: 94 Resp: 87258
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.3 121.3

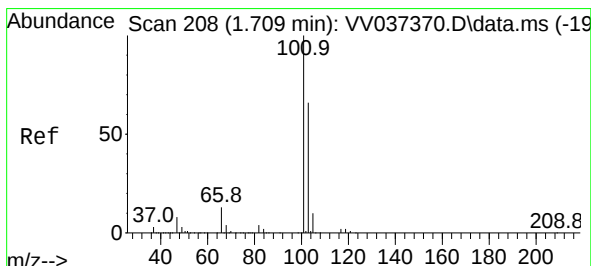
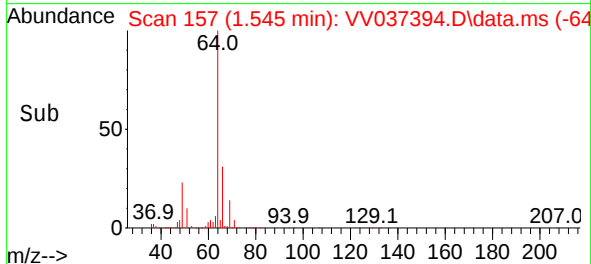
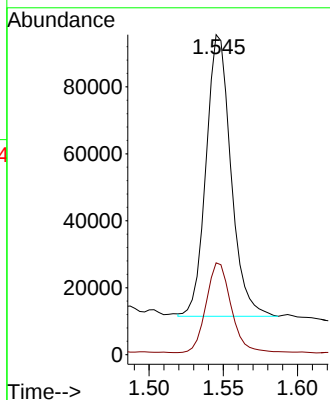
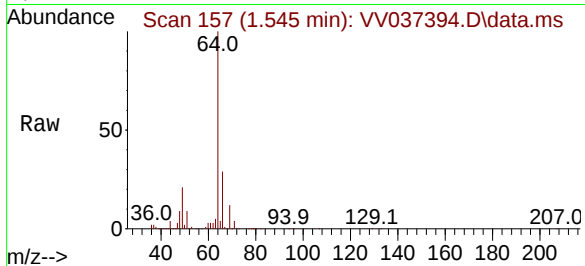




#8
Chloroethane
Concen: 5.216 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

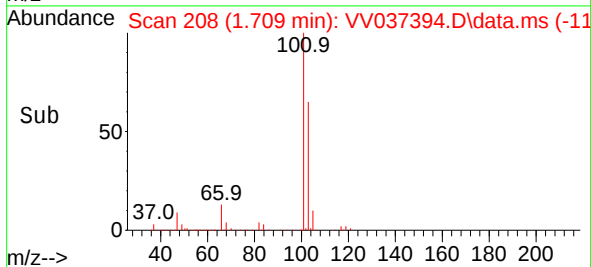
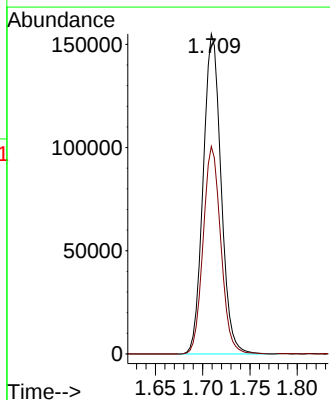
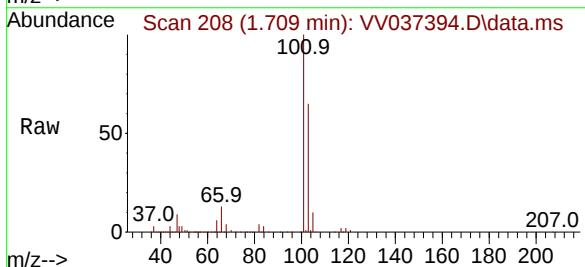
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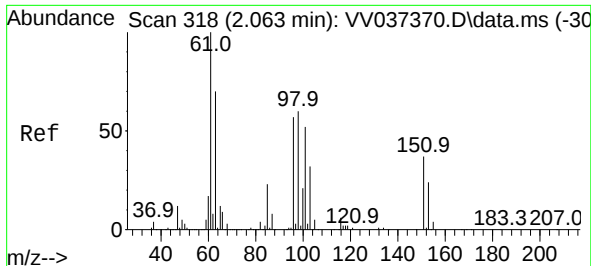
Tgt Ion: 64 Resp: 98220
Ion Ratio Lower Upper
64 100
66 28.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.242 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

Tgt Ion:101 Resp: 204185
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

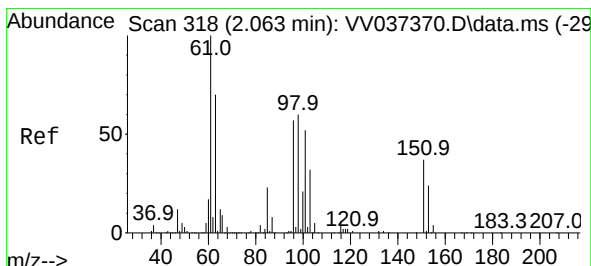
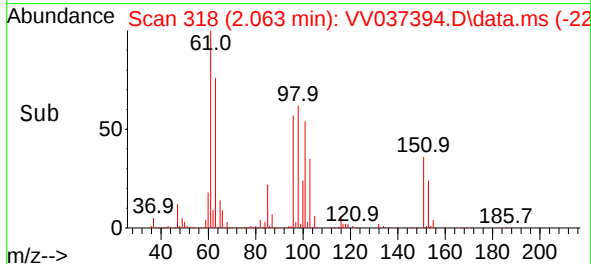
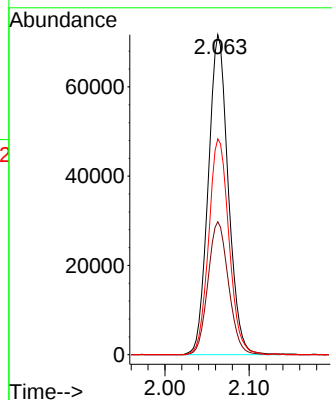
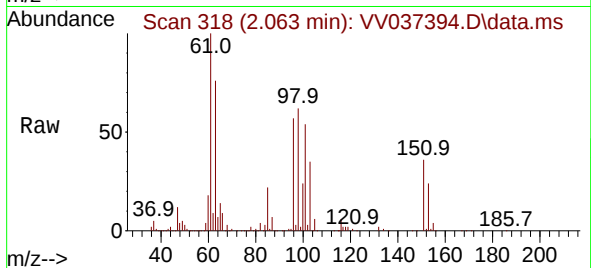




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.019 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV037394.D
 Acq: 19 Sep 2024 20:16

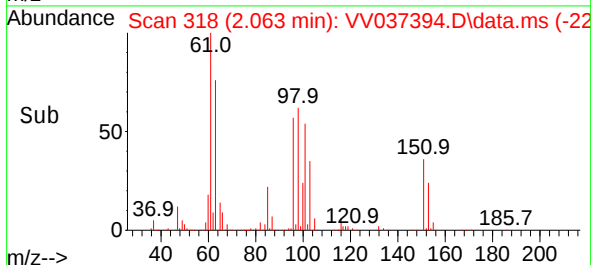
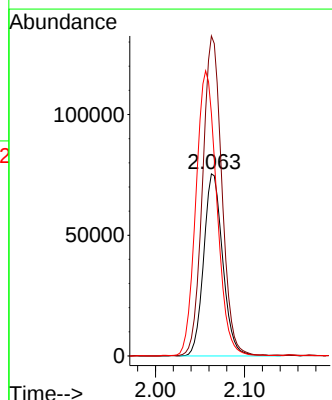
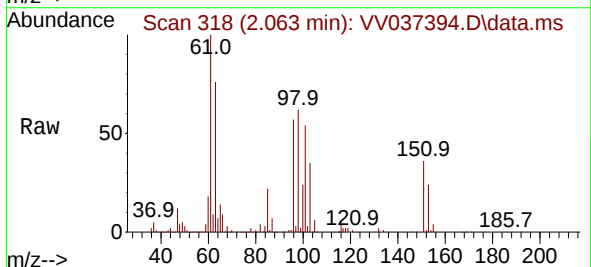
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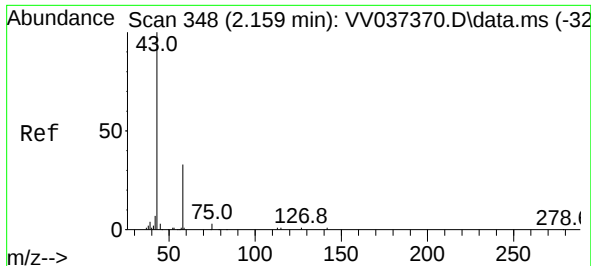
Tgt Ion:101 Resp: 118396
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.1 52.7
 151 68.5 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.980 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV037394.D
 Acq: 19 Sep 2024 20:16

Tgt Ion: 96 Resp: 112187
 Ion Ratio Lower Upper
 96 100
 61 175.7 119.9 222.7
 63 133.2 81.4 151.2





#13

Acetone

Concen: 48.927 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.019 min

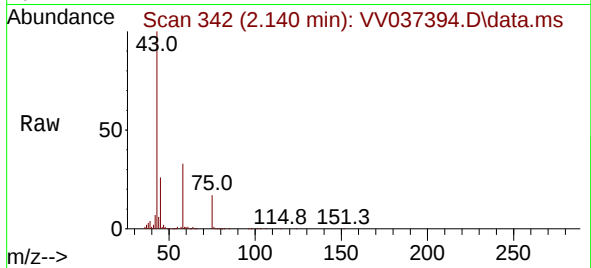
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Instrument :

MSVOA_V

ClientSampleId :

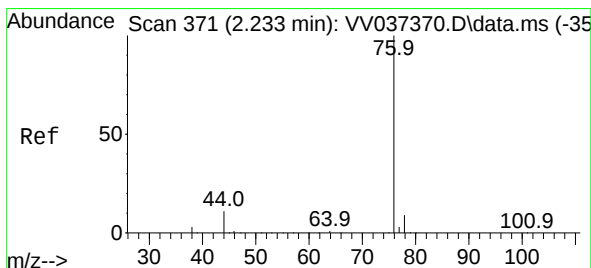
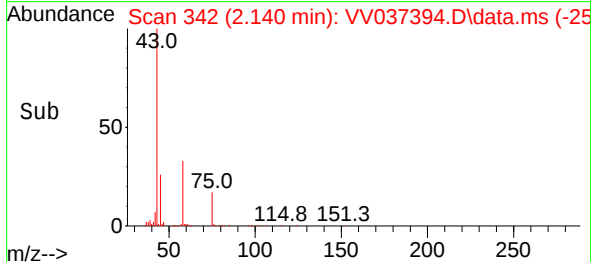
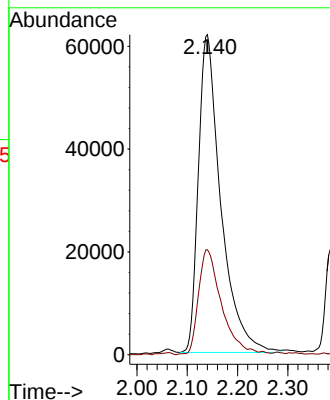


Tgt Ion: 43 Resp: 192004

Ion Ratio Lower Upper

43 100

58 33.2 0.0 69.2



#14

Carbon disulfide

Concen: 4.879 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV037394.D

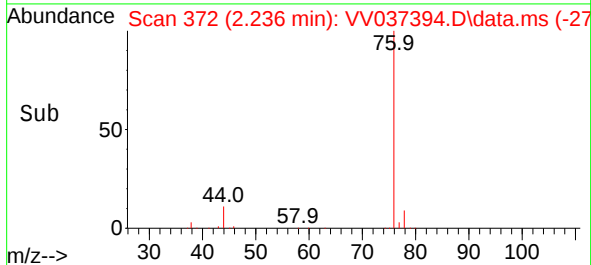
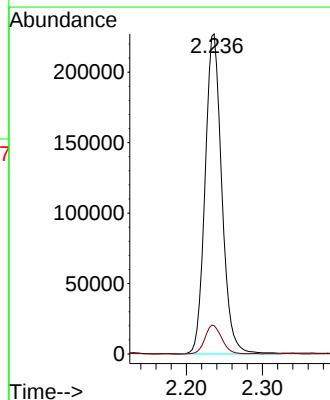
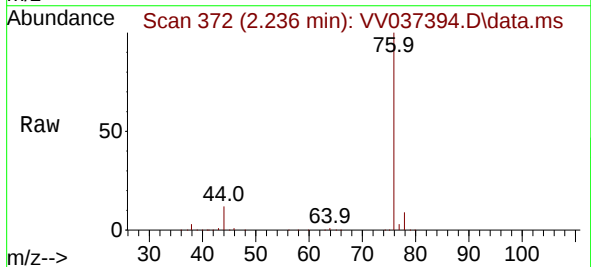
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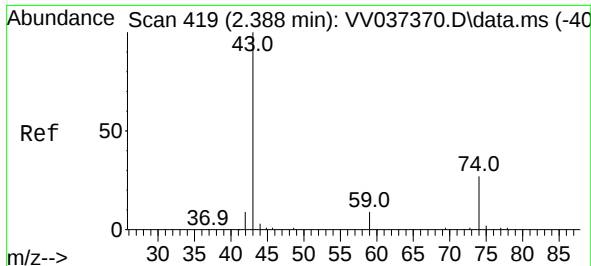
Tgt Ion: 76 Resp: 346522

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

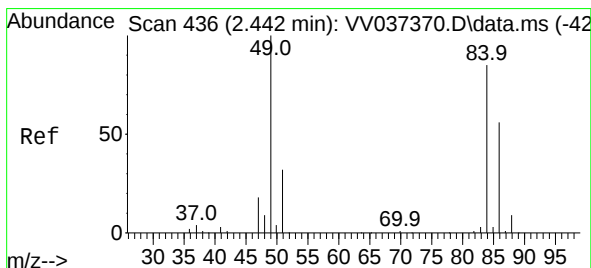
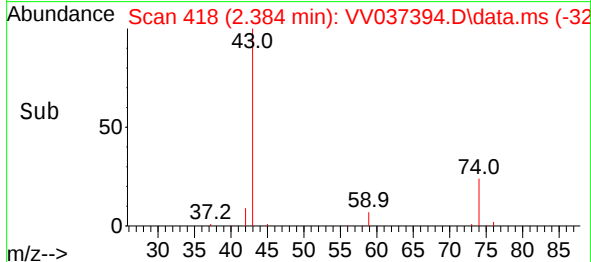
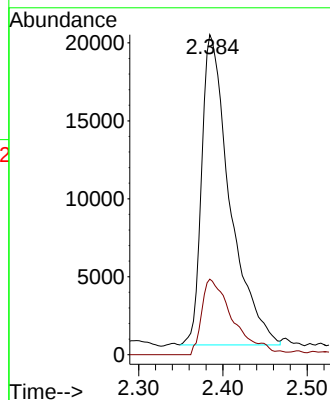
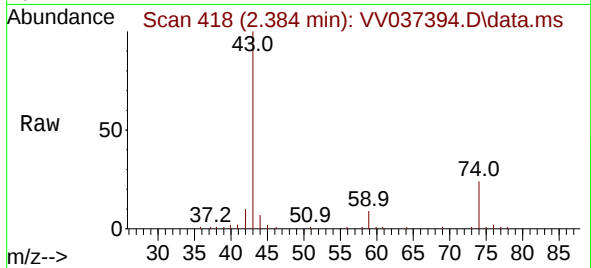




#15
Methyl Acetate
Concen: 5.159 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

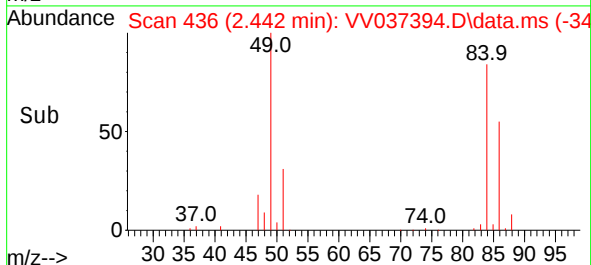
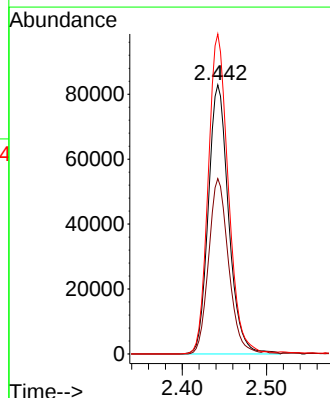
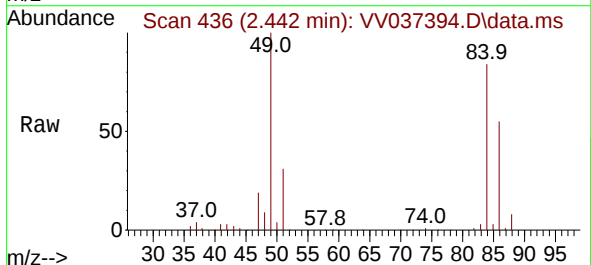
Instrument :
MSVOA_V
ClientSampleId :

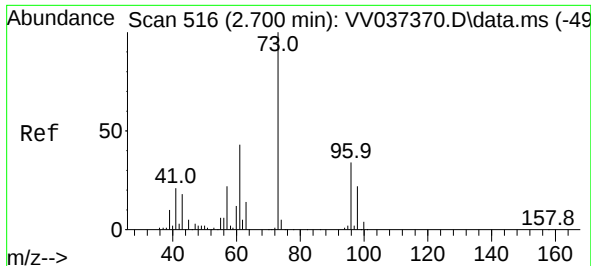
Tgt Ion: 43 Resp: 46374
Ion Ratio Lower Upper
43 100
74 27.1 21.0 31.4



#16
Methylene chloride
Concen: 5.361 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

Tgt Ion: 84 Resp: 138841
Ion Ratio Lower Upper
84 100
86 65.1 44.0 81.8
49 118.9 83.0 154.1

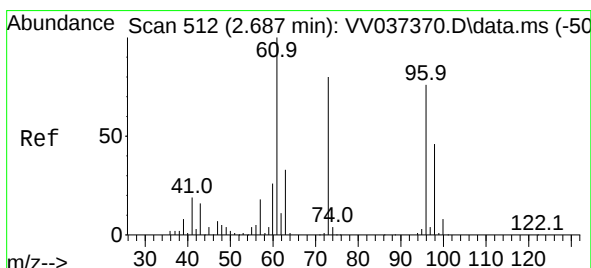
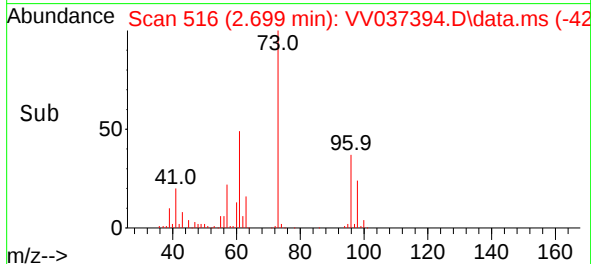
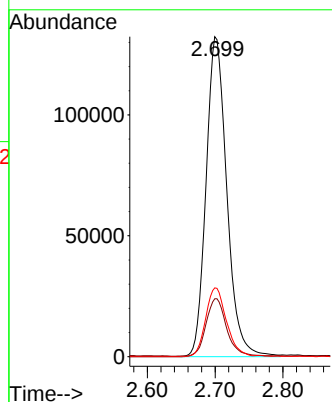
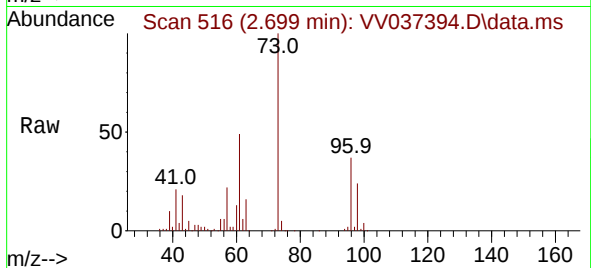




#17
Methyl tert-butyl Ether
Concen: 5.257 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

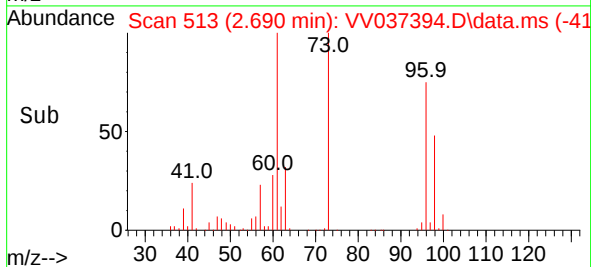
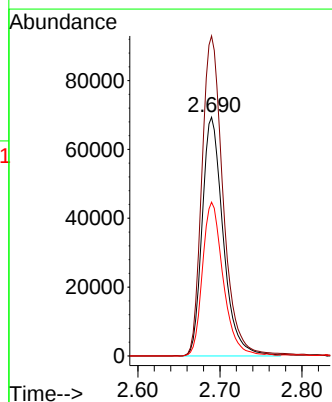
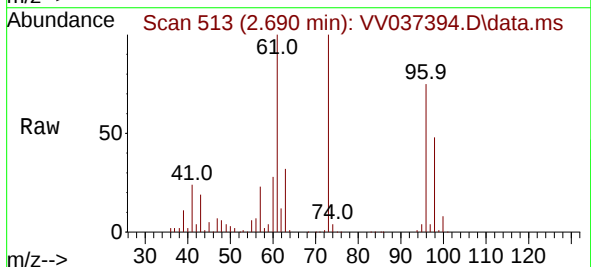
Instrument :
MSVOA_V
ClientSampleId :

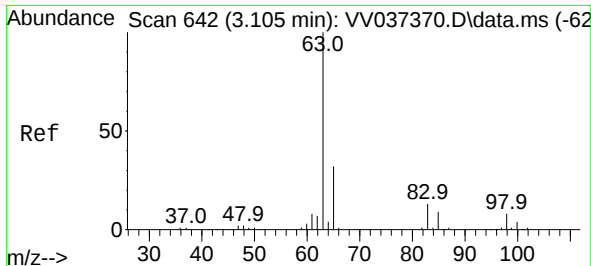
Tgt Ion: 73 Resp: 281515
Ion Ratio Lower Upper
73 100
43 17.8 14.5 21.7
57 21.6 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 5.209 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

Tgt Ion: 96 Resp: 123461
Ion Ratio Lower Upper
96 100
61 134.0 92.8 172.4
98 64.4 43.0 79.8

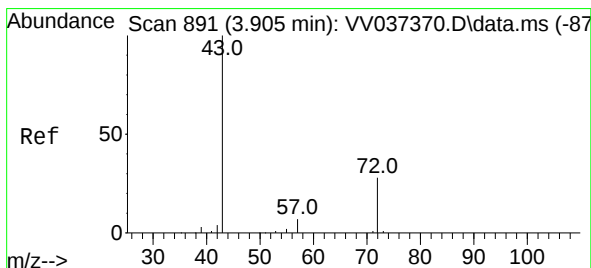
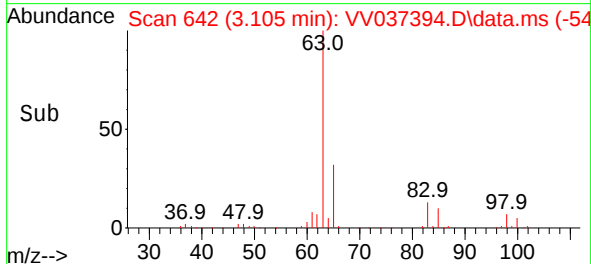
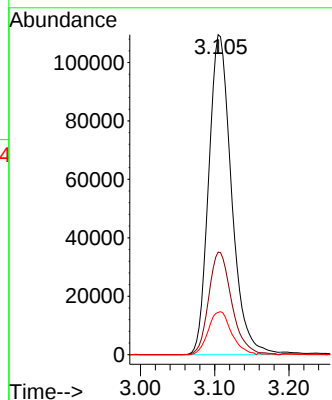
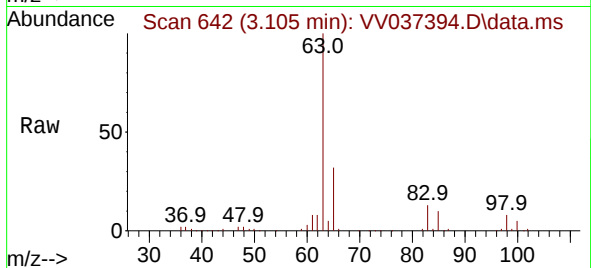




#19
1,1-Dichloroethane
Concen: 5.161 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

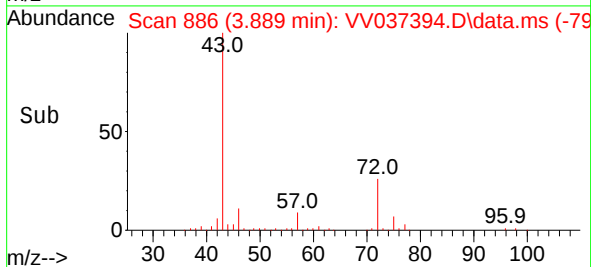
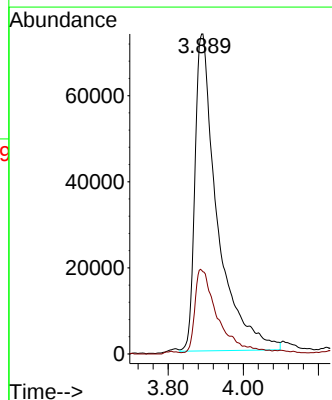
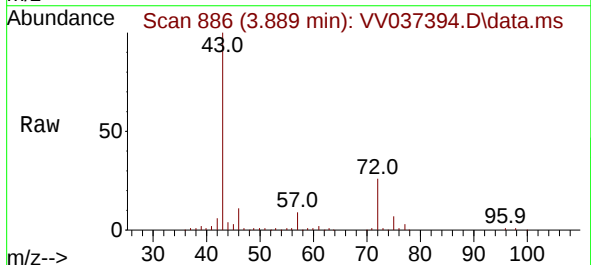
Instrument :
MSVOA_V
ClientSampleId :

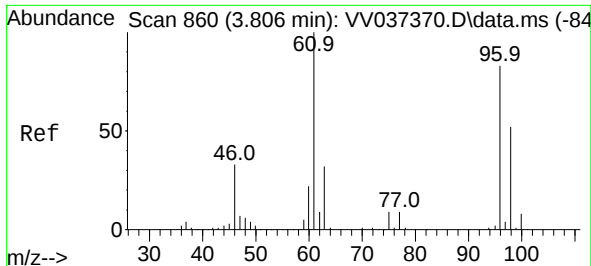
Tgt Ion: 63 Resp: 233561
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.7
83 13.2 8.9 16.5



#21
2-Butanone
Concen: 50.987 ug/L
RT: 3.889 min Scan# 886
Delta R.T. -0.016 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

Tgt Ion: 43 Resp: 304108
Ion Ratio Lower Upper
43 100
72 25.3 12.2 36.6

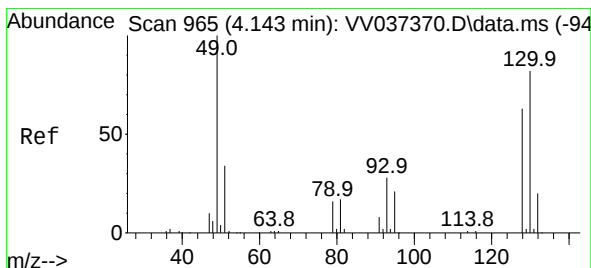
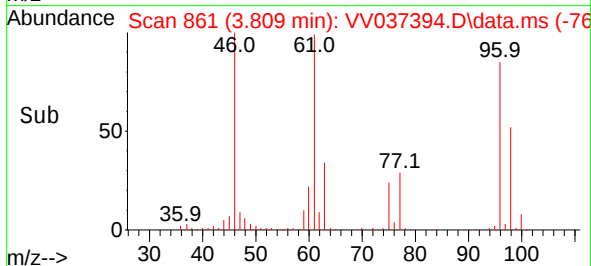
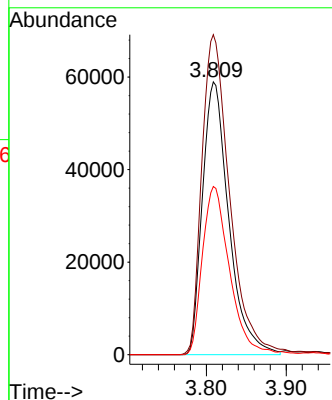
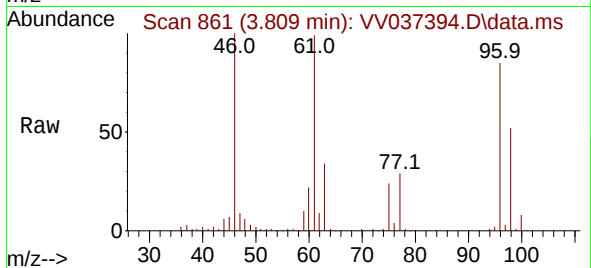




#22
cis-1,2-Dichloroethene
Concen: 5.275 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

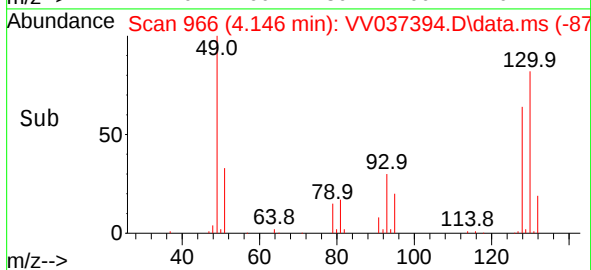
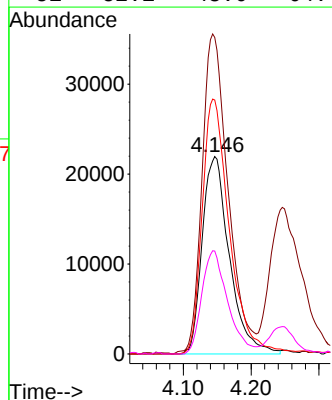
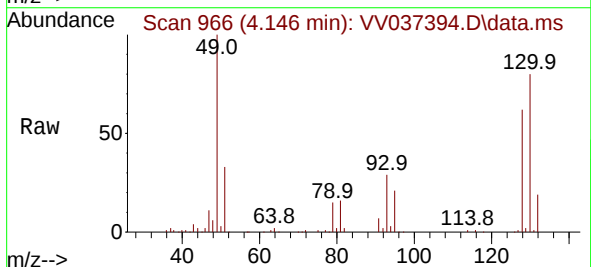
Instrument :
MSVOA_V
ClientSampleId :

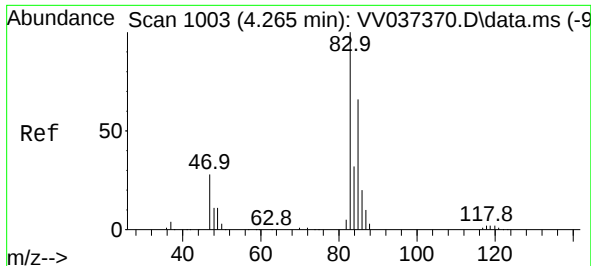
Tgt Ion: 96 Resp: 135163
Ion Ratio Lower Upper
96 100
61 117.3 87.6 162.6
98 61.7 44.9 83.5



#23
Bromochloromethane
Concen: 5.509 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

Tgt Ion:128 Resp: 61133
Ion Ratio Lower Upper
128 100
49 160.3 114.0 211.8
130 128.6 89.3 165.9
51 52.1 43.0 64.4





#25

Chloroform

Concen: 5.256 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Instrument :

MSVOA_V

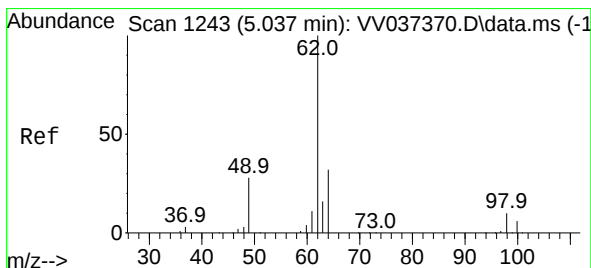
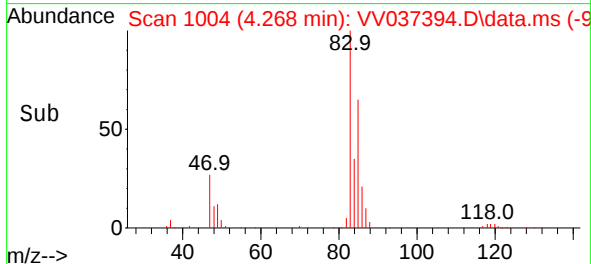
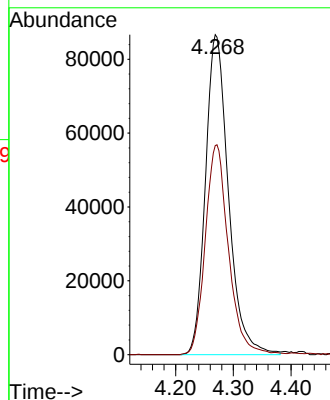
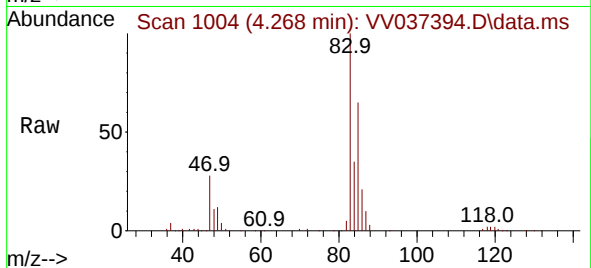
ClientSampleId :

Tgt Ion: 83 Resp: 239655

Ion Ratio Lower Upper

83 100

85 65.3 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.463 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV037394.D

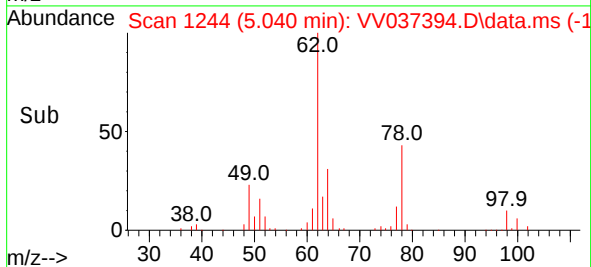
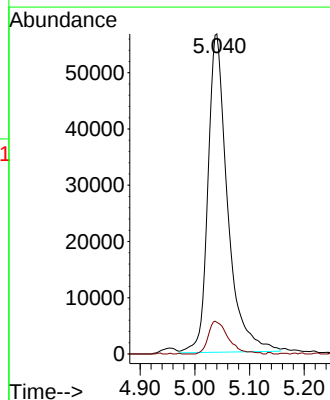
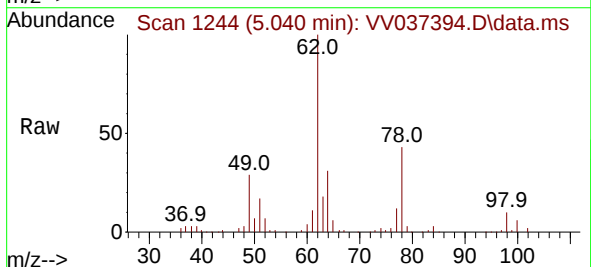
Acq: 19 Sep 2024 20:16

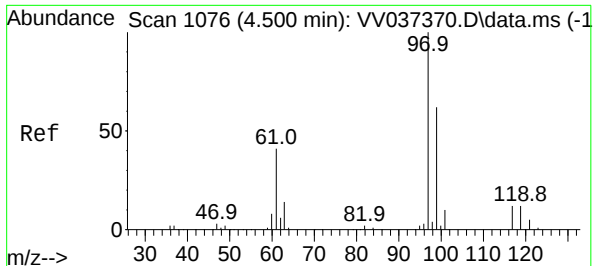
Tgt Ion: 62 Resp: 140940

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.4

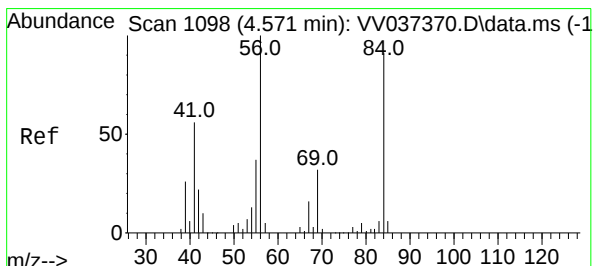
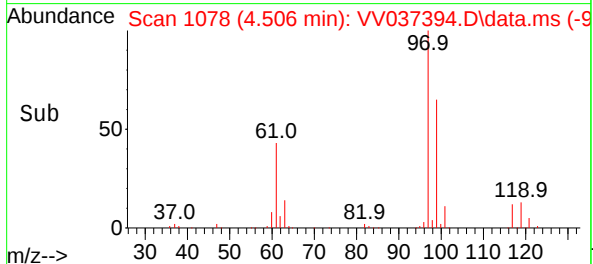
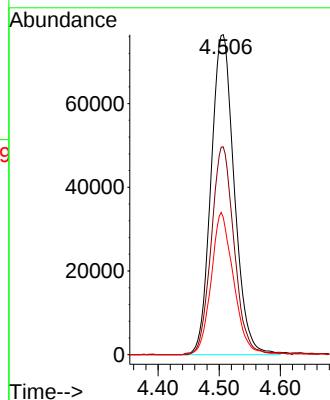
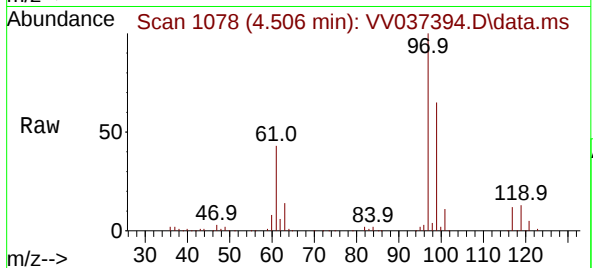




#29
1,1,1-Trichloroethane
Concen: 5.365 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

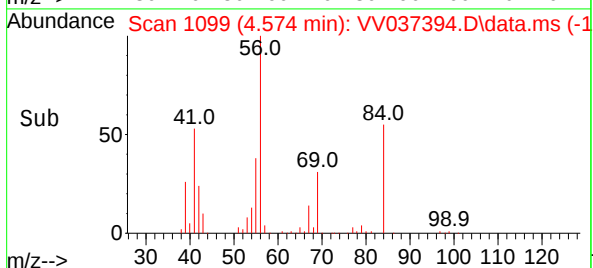
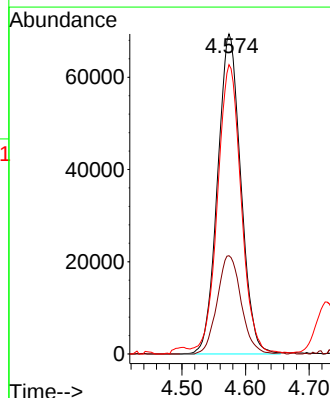
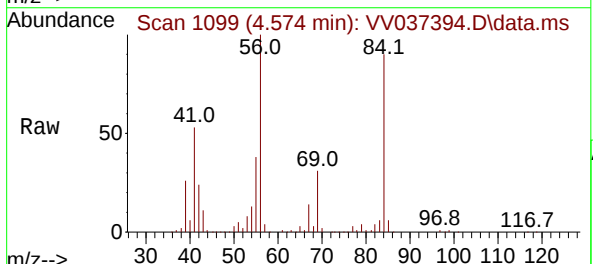
Instrument :
MSVOA_V
ClientSampleId :

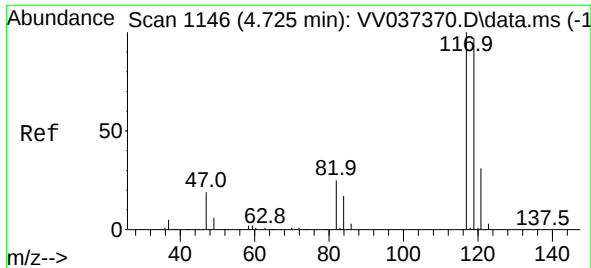
Tgt Ion: 97 Resp: 202005
Ion Ratio Lower Upper
97 100
99 63.6 50.0 75.0
61 43.0 34.3 51.5



#30
Cyclohexane
Concen: 4.826 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

Tgt Ion: 56 Resp: 176257
Ion Ratio Lower Upper
56 100
69 31.6 24.1 36.1
84 92.1 73.1 109.7

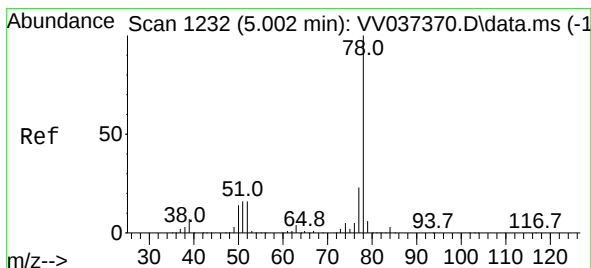
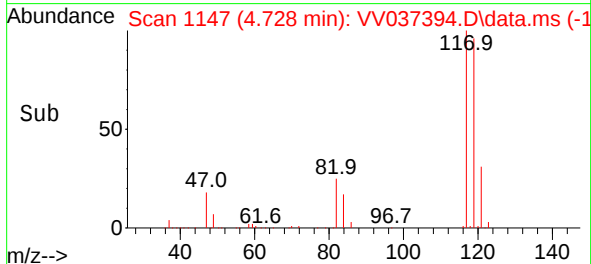
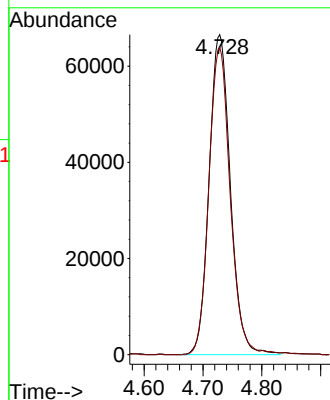
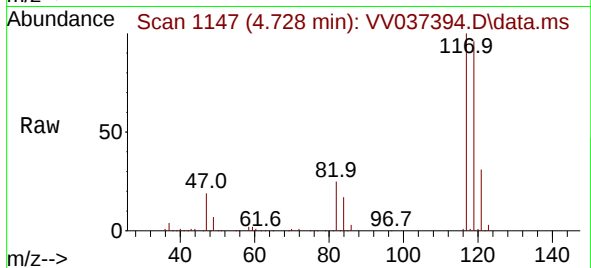




#31
Carbon tetrachloride
Concen: 5.221 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

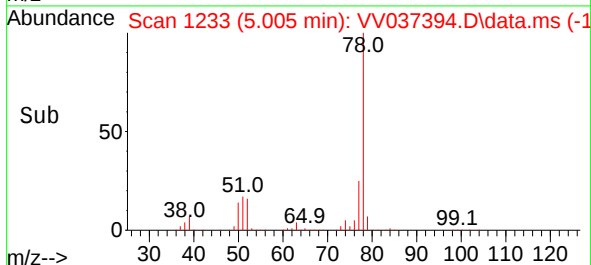
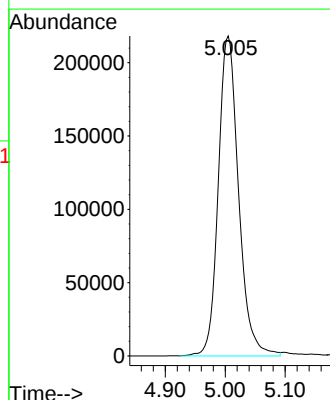
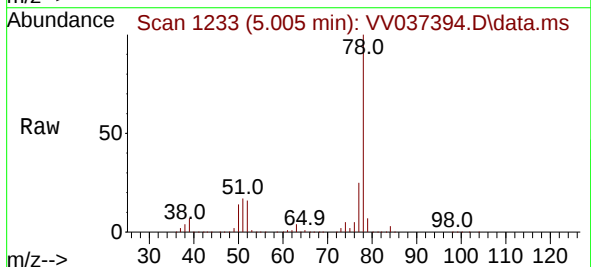
Instrument :
MSVOA_V
ClientSampleId :

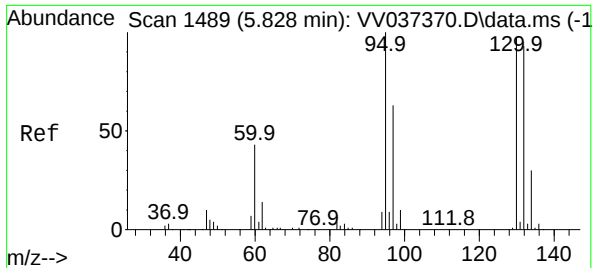
Tgt Ion:117 Resp: 167323
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4



#33
Benzene
Concen: 5.352 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

Tgt Ion: 78 Resp: 511983





#34

Trichloroethene

Concen: 5.233 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 134911

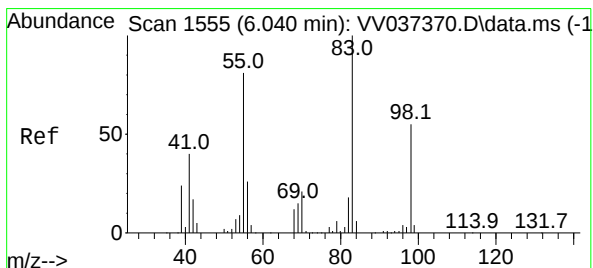
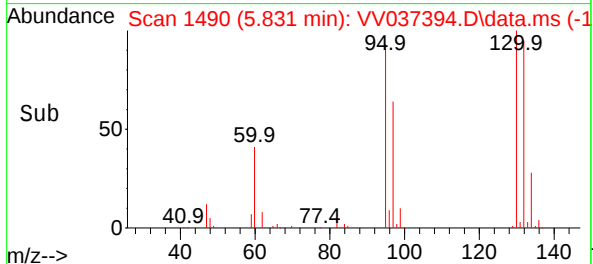
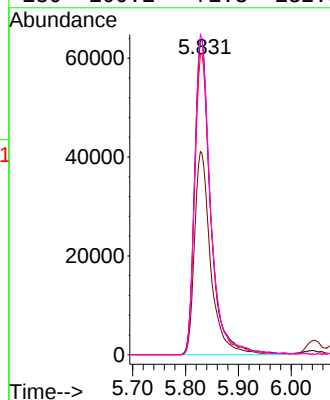
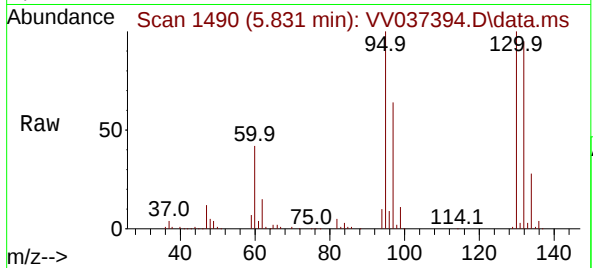
Ion Ratio Lower Upper

95 100

97 63.8 46.5 86.5

132 95.4 65.5 121.7

130 100.1 71.3 132.3



#35

Methylcyclohexane

Concen: 4.835 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

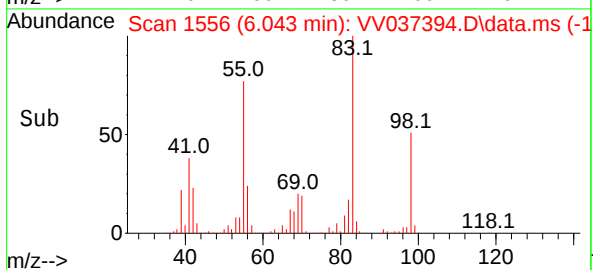
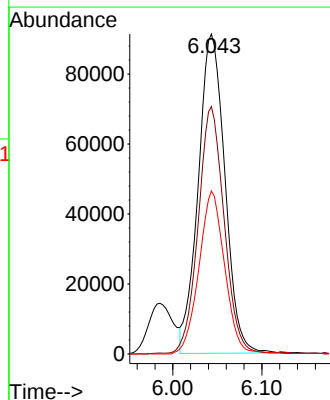
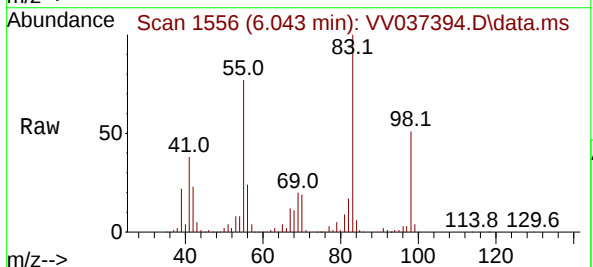
Tgt Ion: 83 Resp: 189495

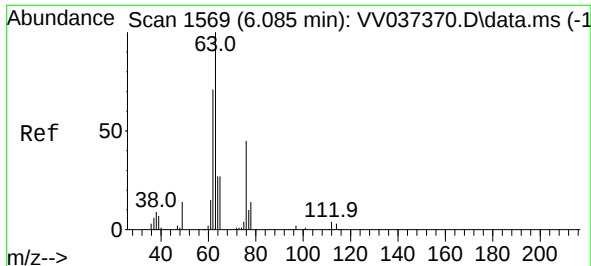
Ion Ratio Lower Upper

83 100

55 74.7 60.3 90.5

98 49.3 38.2 57.4

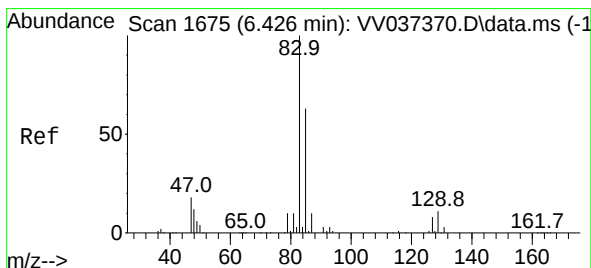
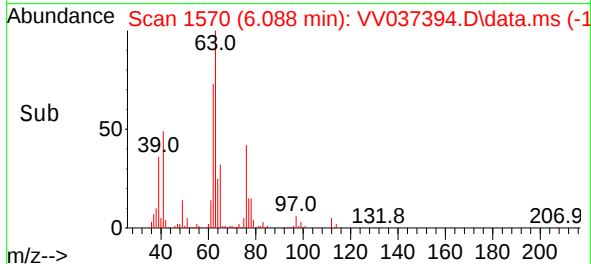
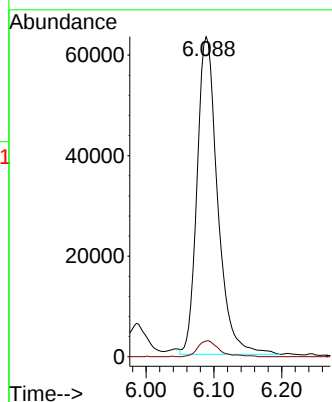
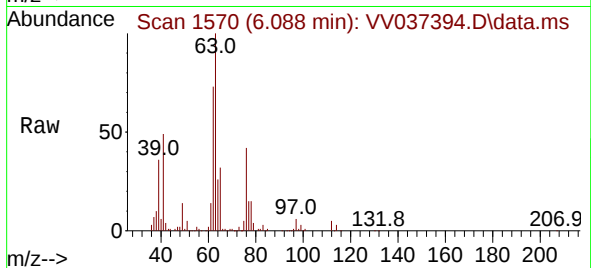




#37
1,2-Dichloropropane
Concen: 5.468 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

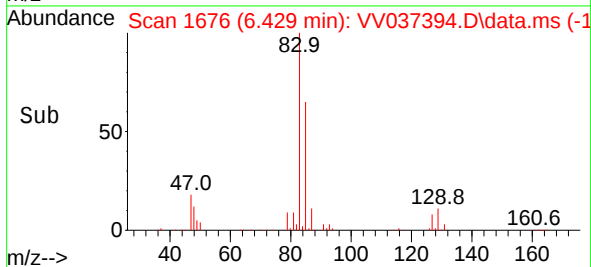
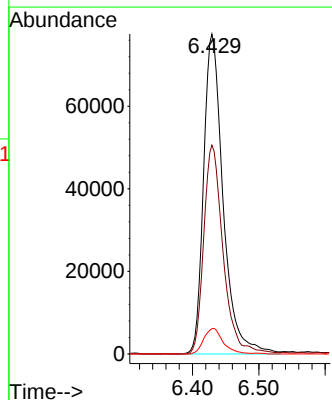
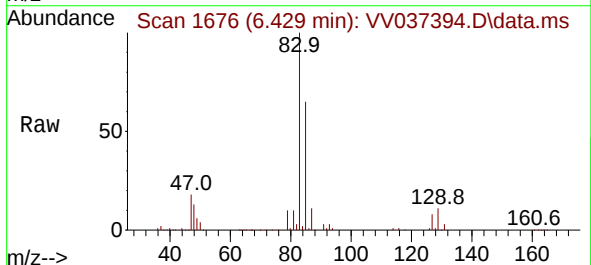
Instrument :
MSVOA_V
ClientSampleId :

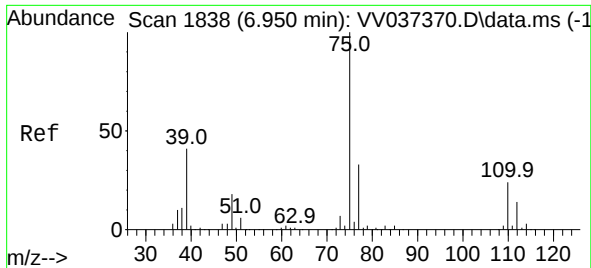
Tgt Ion: 63 Resp: 133082
Ion Ratio Lower Upper
63 100
112 5.3 3.7 5.5



#38
Bromodichloromethane
Concen: 5.203 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

Tgt Ion: 83 Resp: 158531
Ion Ratio Lower Upper
83 100
85 65.2 43.7 81.1
127 7.9 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.650 ug/L

RT: 6.953 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Instrument :

MSVOA_V

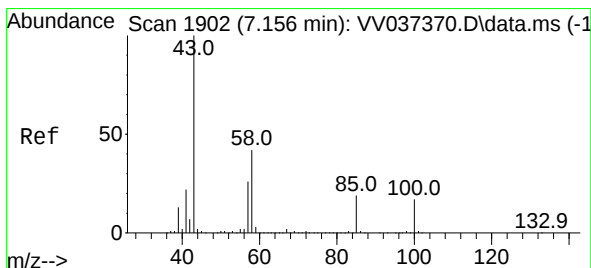
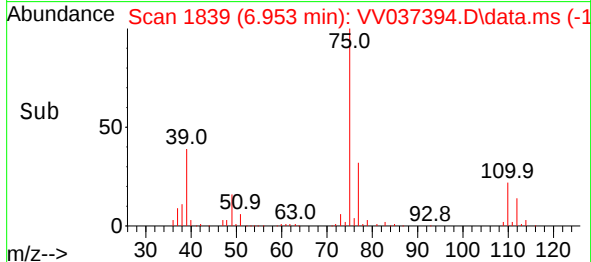
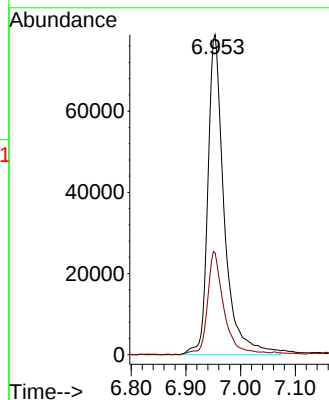
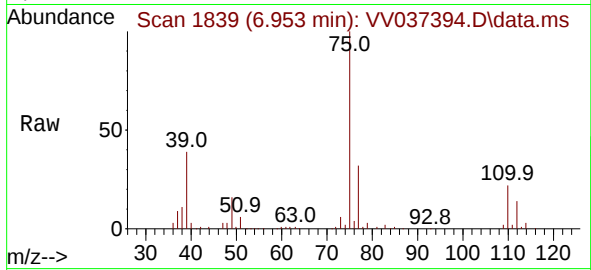
ClientSampleId :

Tgt Ion: 75 Resp: 163940

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 55.481 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.003 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

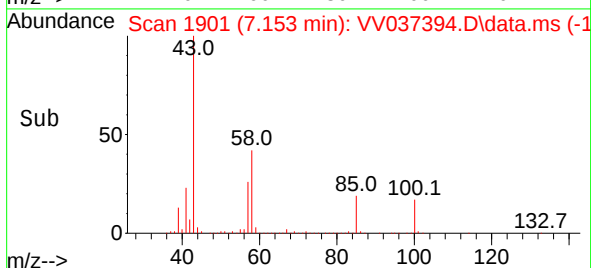
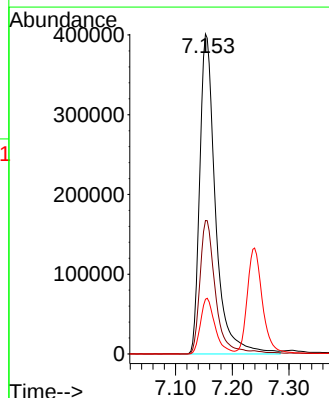
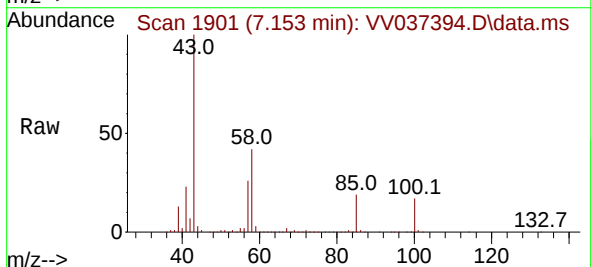
Tgt Ion: 43 Resp: 773110

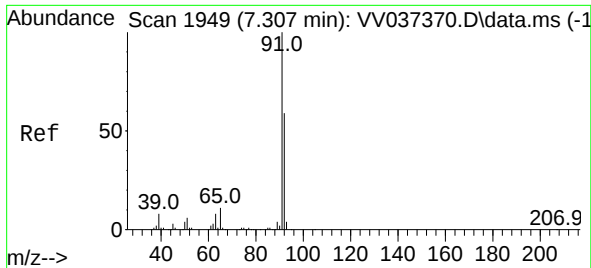
Ion Ratio Lower Upper

43 100

58 40.7 31.7 47.5

100 16.3 12.6 19.0





#42

Toluene

Concen: 5.537 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Instrument :

MSVOA_V

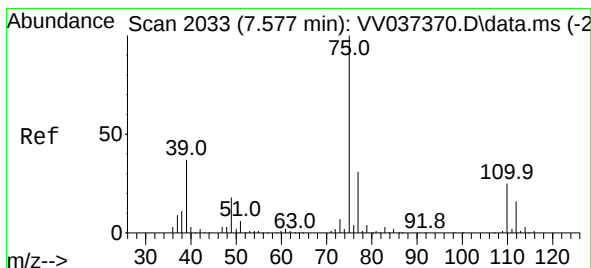
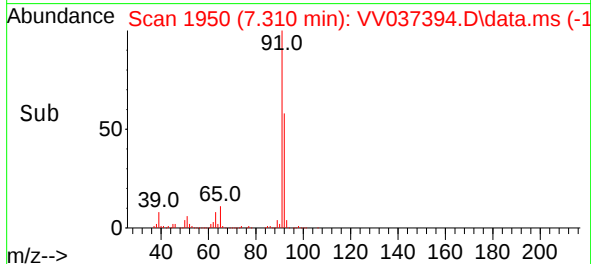
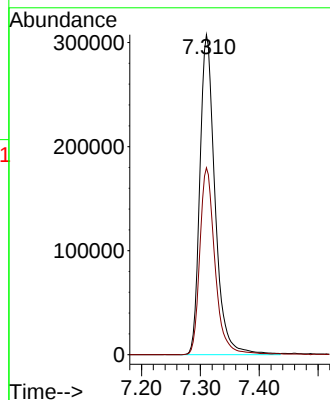
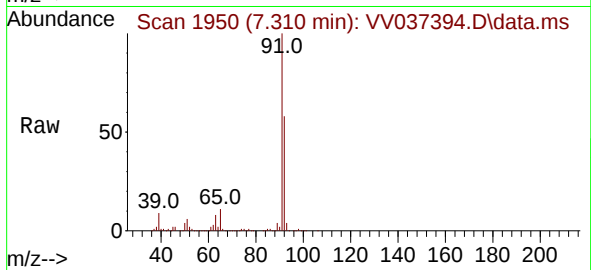
ClientSampleId :

Tgt Ion: 91 Resp: 550970

Ion Ratio Lower Upper

91 100

92 58.4 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 4.513 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV037394.D

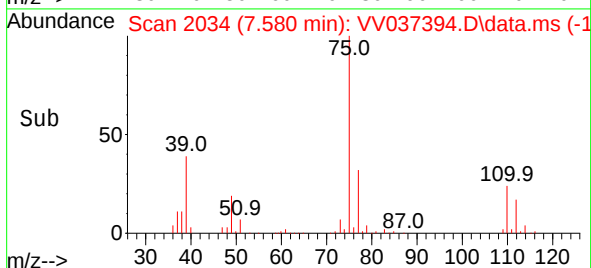
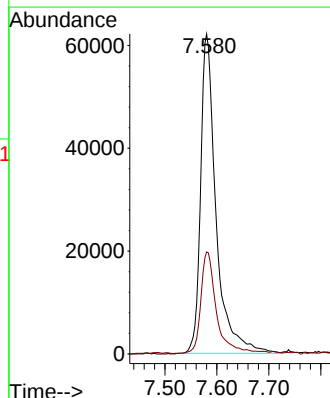
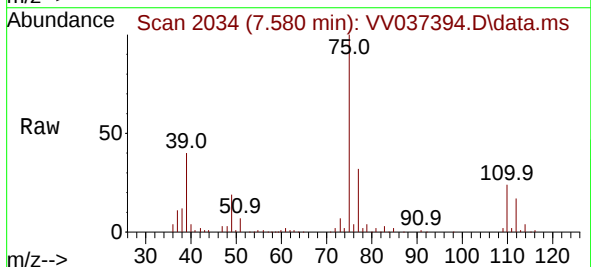
Acq: 19 Sep 2024 20:16

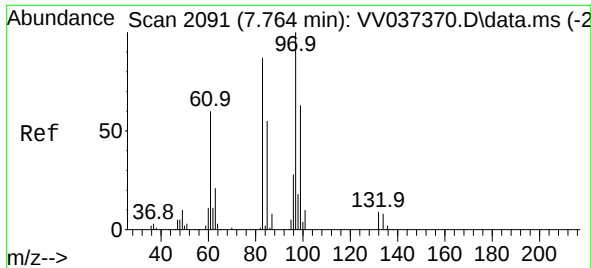
Tgt Ion: 75 Resp: 128389

Ion Ratio Lower Upper

75 100

77 31.9 20.9 38.9





#45

1,1,2-Trichloroethane

Concen: 5.659 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. -0.000 min

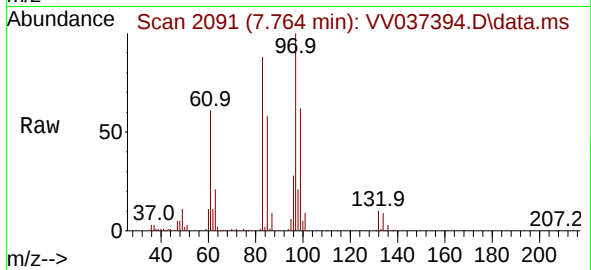
Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 98583

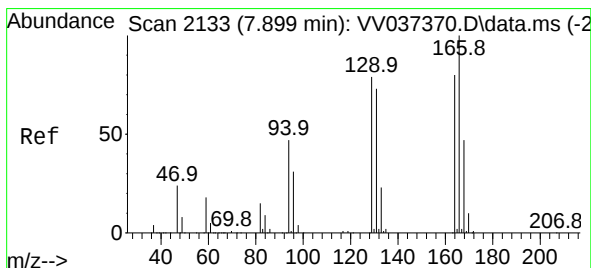
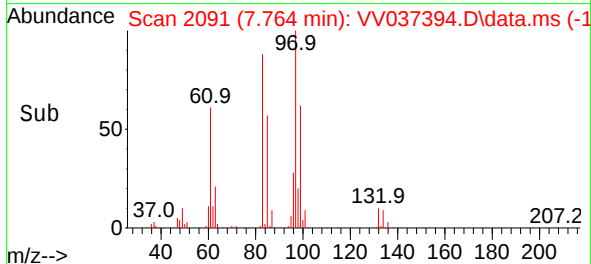
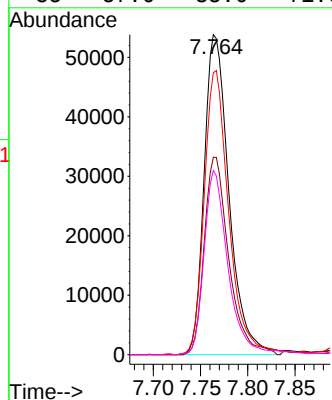
Ion Ratio Lower Upper

97 100

99 61.7 43.1 80.1

83 88.1 61.0 113.4

85 57.6 38.6 71.6



#47

Tetrachloroethene

Concen: 5.489 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Tgt Ion: 164 Resp: 101276

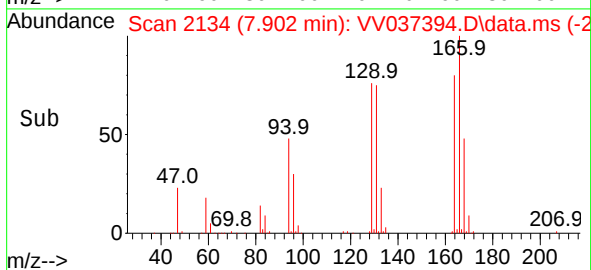
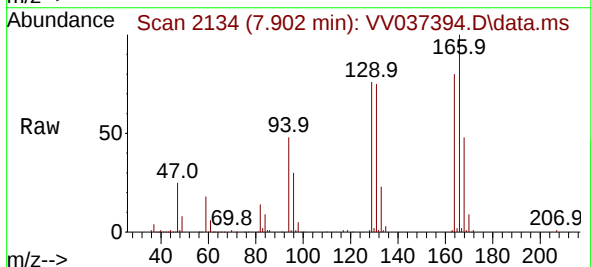
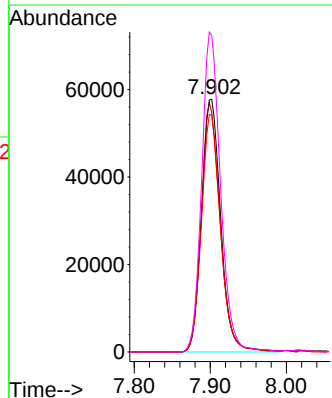
Ion Ratio Lower Upper

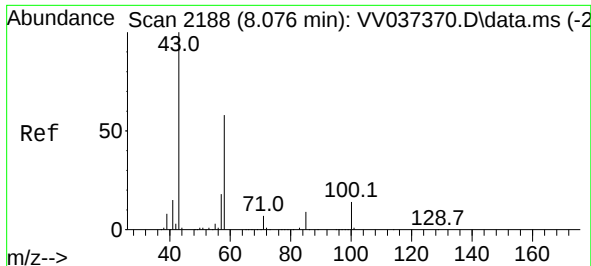
164 100

129 94.9 69.2 128.4

131 93.6 66.6 123.8

166 125.3 88.8 165.0





#48

2-Hexanone

Concen: 55.120 ug/L

RT: 8.072 min Scan# 2188

Delta R.T. -0.003 min

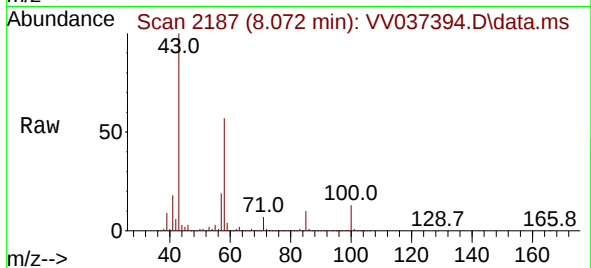
Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 561394

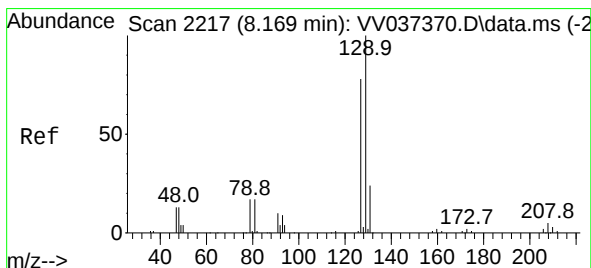
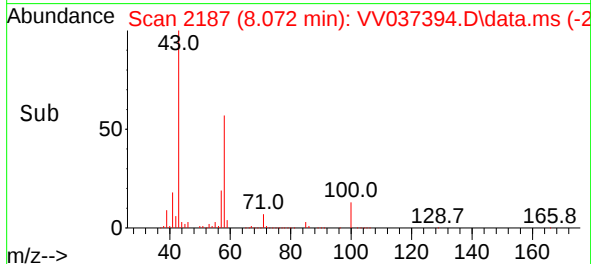
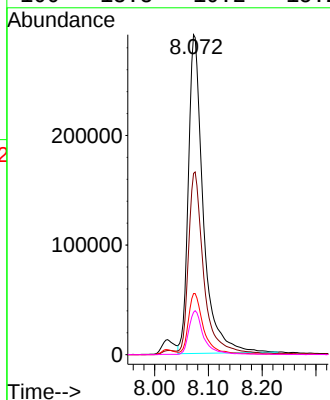
Ion Ratio Lower Upper

43 100

58 57.7 45.5 68.3

57 19.6 15.3 22.9

100 13.3 10.2 15.2



#49

Dibromochloromethane

Concen: 5.027 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV037394.D

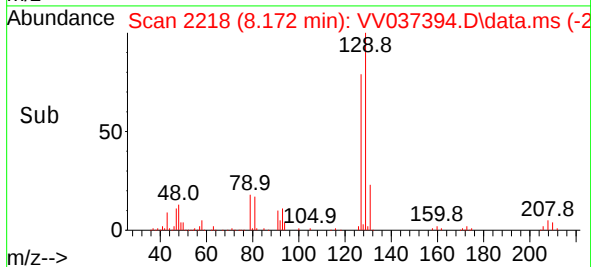
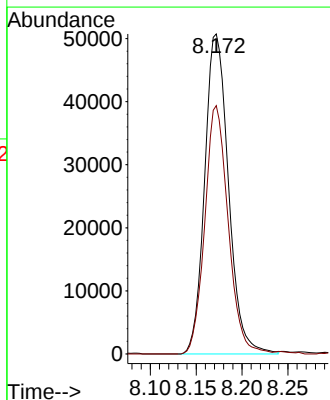
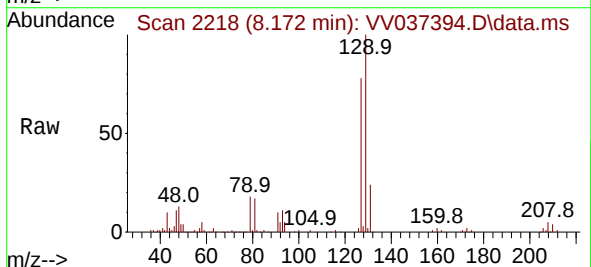
Acq: 19 Sep 2024 20:16

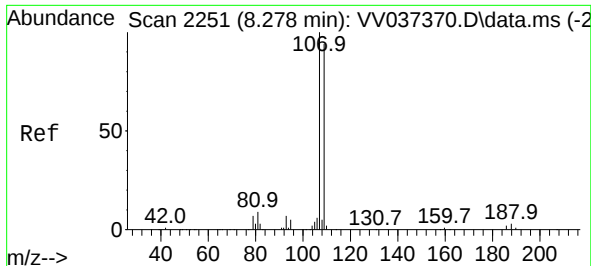
Tgt Ion: 129 Resp: 91753

Ion Ratio Lower Upper

129 100

127 77.6 54.5 101.1

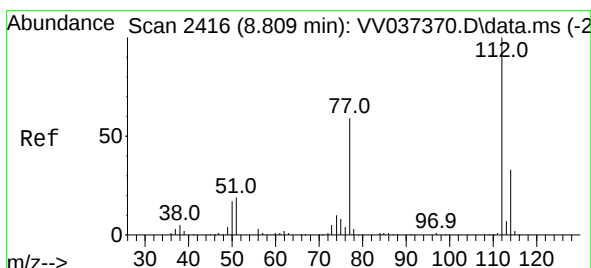
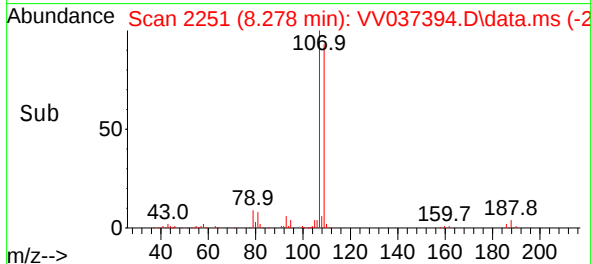
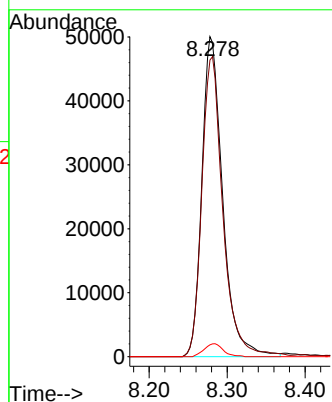
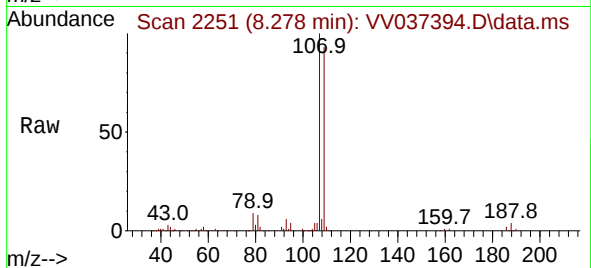




#50
1,2-Dibromoethane
Concen: 5.632 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

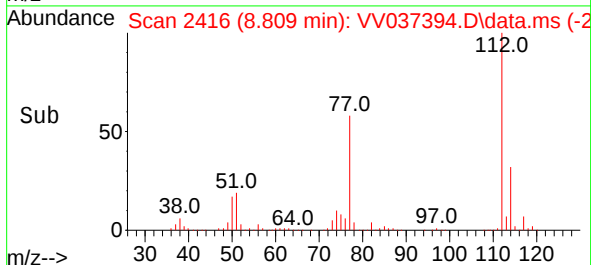
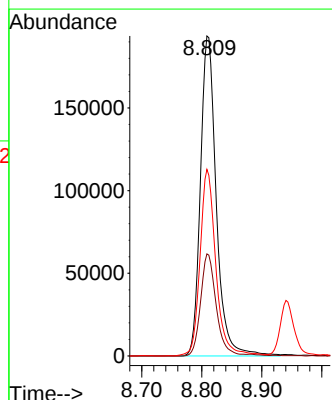
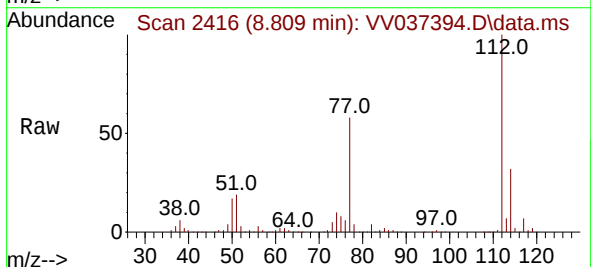
Instrument :
MSVOA_V
ClientSampleId :

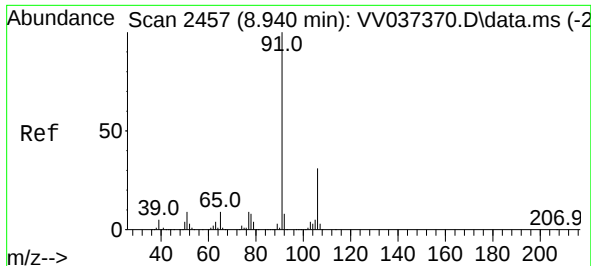
Tgt Ion:107 Resp: 92701
Ion Ratio Lower Upper
107 100
109 92.7 68.1 126.5
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 5.389 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

Tgt Ion:112 Resp: 357101
Ion Ratio Lower Upper
112 100
114 31.9 22.6 42.0
77 58.3 47.0 70.6





#52

Ethylbenzene

Concen: 5.331 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Instrument :

MSVOA_V

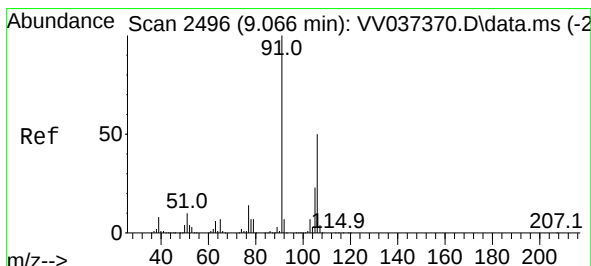
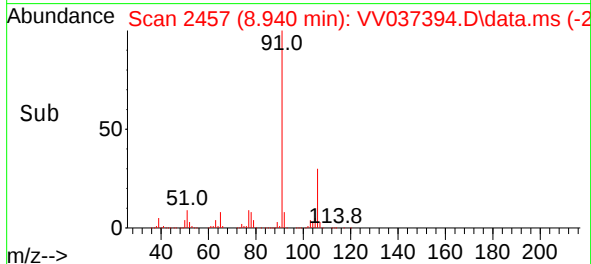
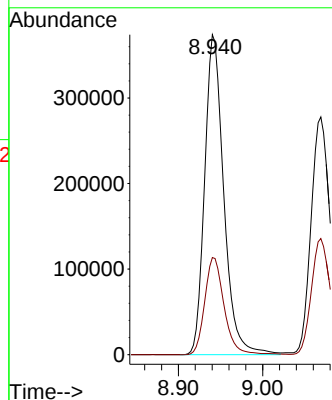
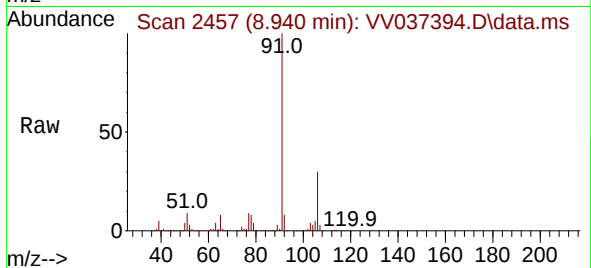
ClientSampleId :

Tgt Ion: 91 Resp: 592091

Ion Ratio Lower Upper

91 100

106 30.4 21.7 40.3



#53

m,p-Xylene

Concen: 5.462 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV037394.D

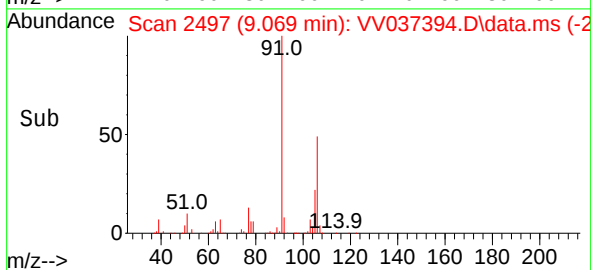
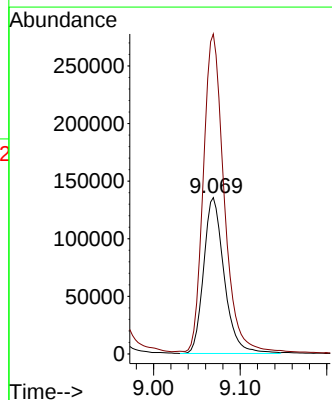
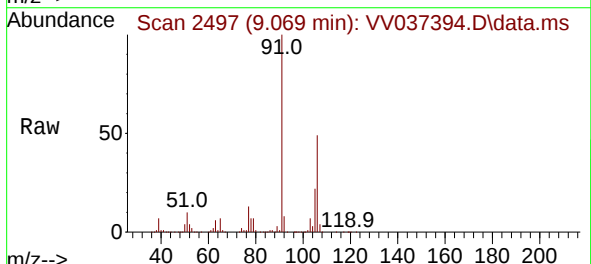
Acq: 19 Sep 2024 20:16

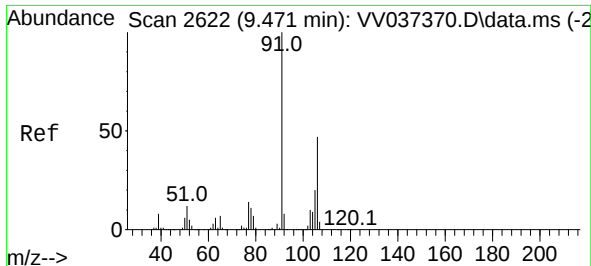
Tgt Ion:106 Resp: 223218

Ion Ratio Lower Upper

106 100

91 204.6 143.3 266.1

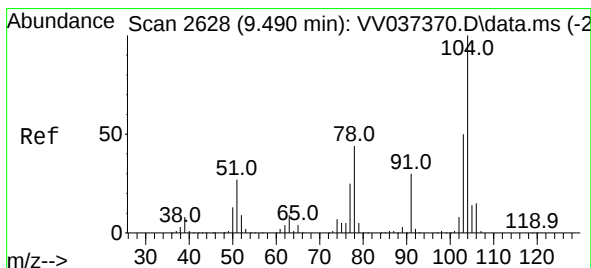
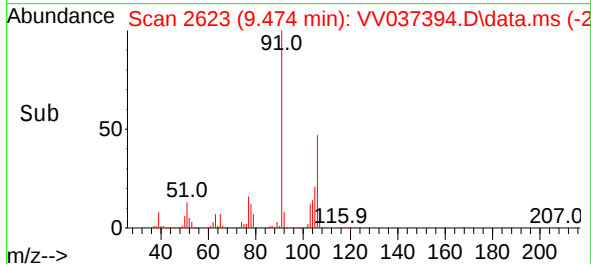
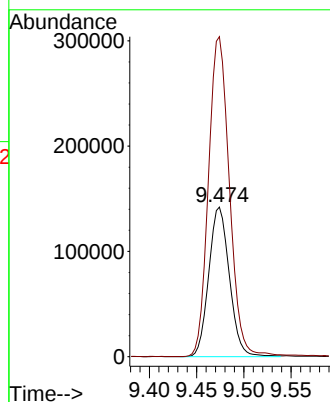
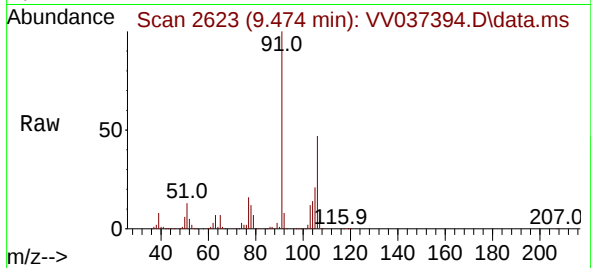




#54
o-Xylene
Concen: 5.339 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

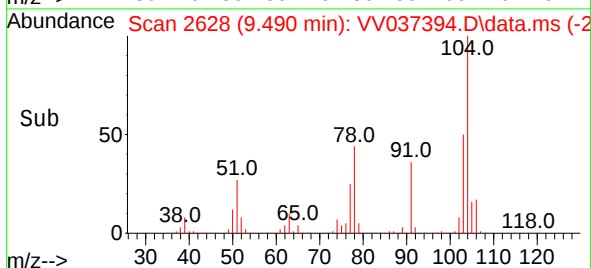
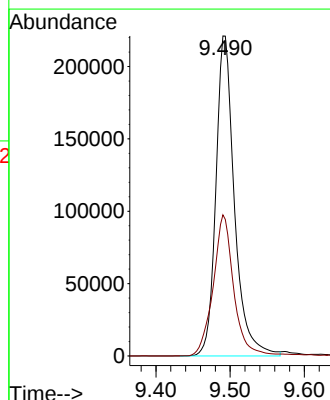
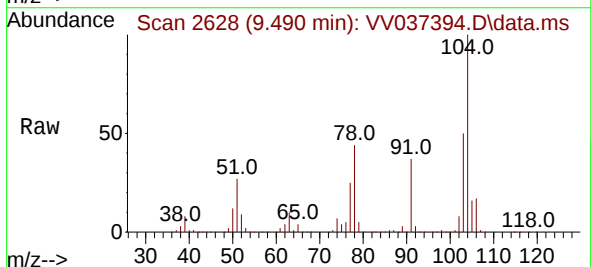
Instrument :
MSVOA_V
ClientSampleId :

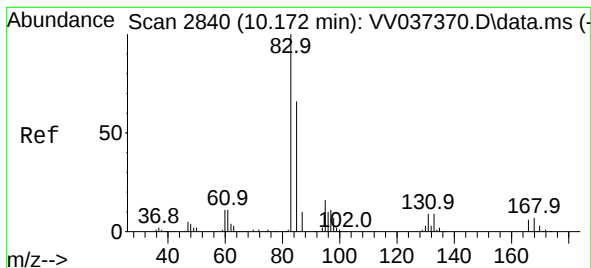
Tgt Ion:106 Resp: 215982
Ion Ratio Lower Upper
106 100
91 213.9 151.8 282.0



#55
Styrene
Concen: 5.619 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

Tgt Ion:104 Resp: 385370
Ion Ratio Lower Upper
104 100
78 44.1 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.851 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

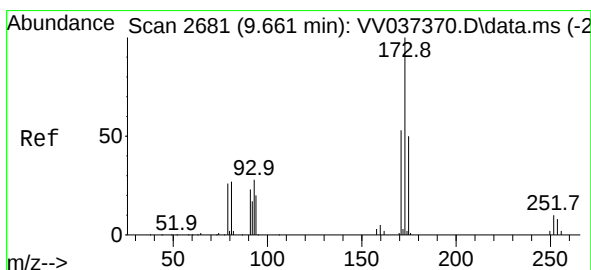
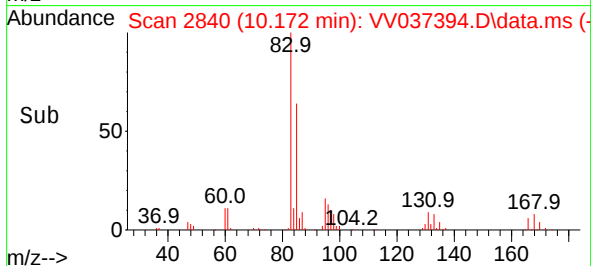
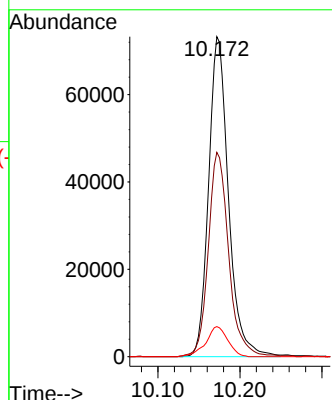
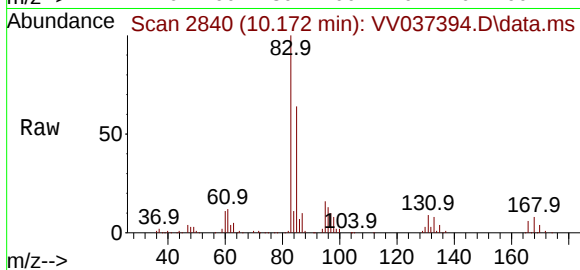
Tgt Ion: 83 Resp: 123140

Ion Ratio Lower Upper

83 100

85 63.8 43.2 80.2

131 9.4 6.9 10.3



#59

Bromoform

Concen: 4.142 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.003 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

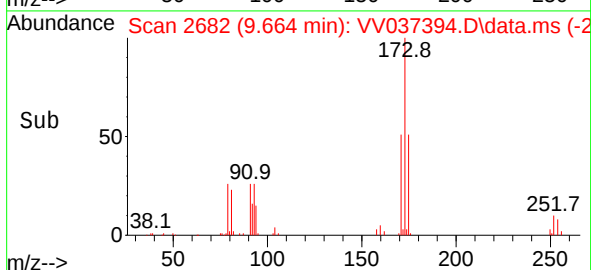
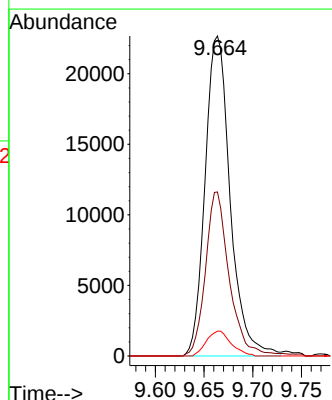
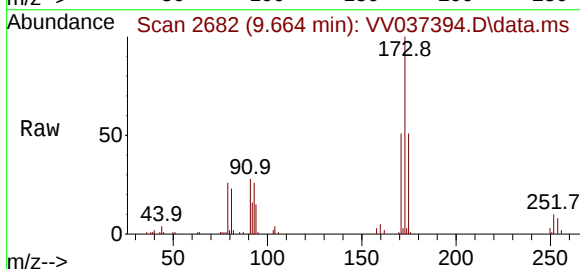
Tgt Ion: 173 Resp: 40601

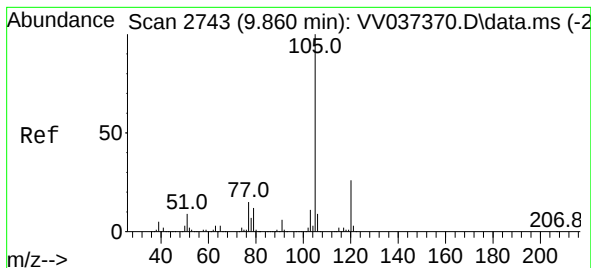
Ion Ratio Lower Upper

173 100

175 48.9 38.7 58.1

254 7.7 6.8 10.2





#60

Isopropylbenzene

Concen: 5.181 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

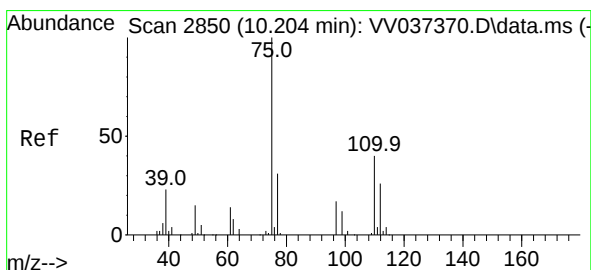
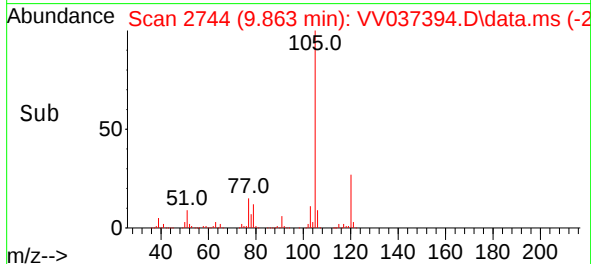
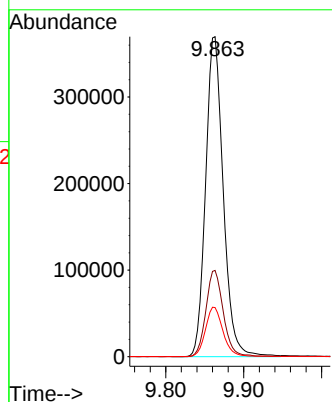
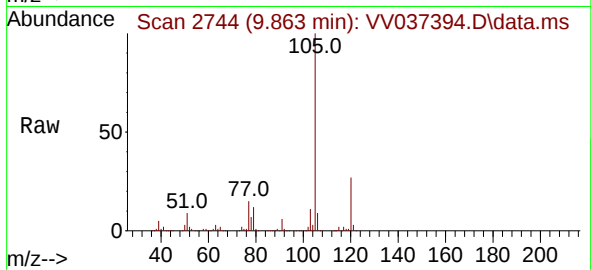
Tgt Ion:105 Resp: 581034

Ion Ratio Lower Upper

105 100

120 26.6 20.2 30.4

77 15.5 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 5.340 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. -0.000 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

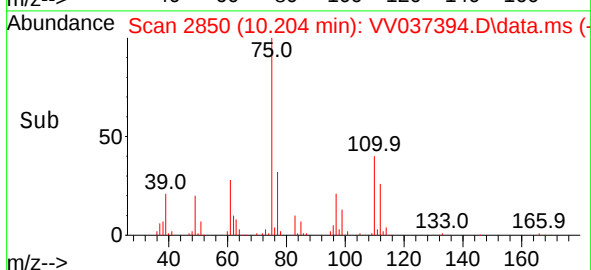
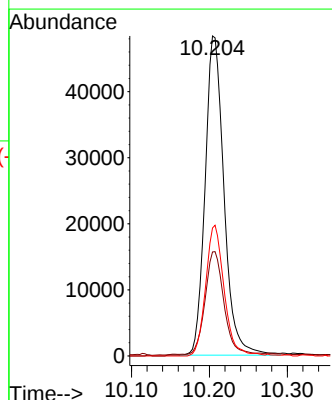
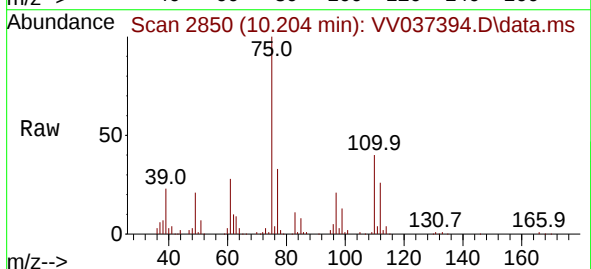
Tgt Ion: 75 Resp: 81425

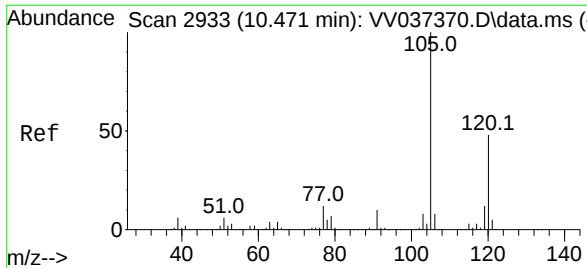
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

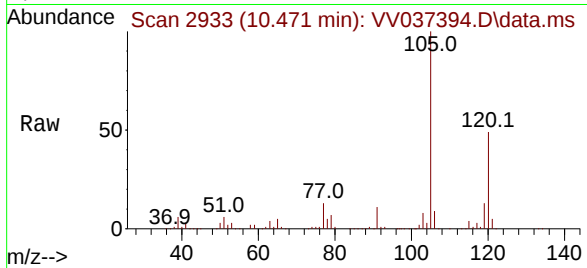
110 40.0 31.0 46.4



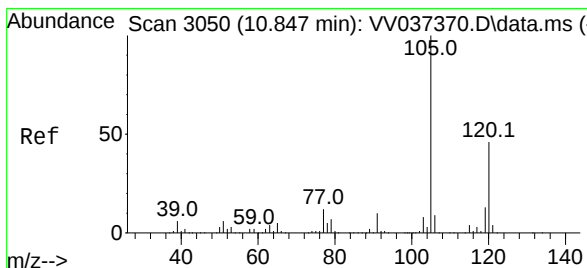
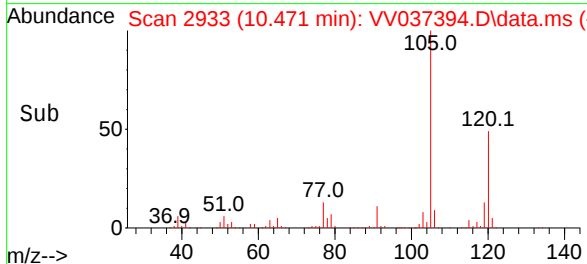
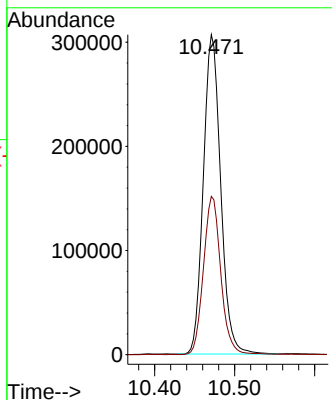


#62
 1,3,5-Trimethylbenzene
 Concen: 5.219 ug/L
 RT: 10.471 min Scan# 2933
 Delta R.T. -0.000 min
 Lab File: VV037394.D
 Acq: 19 Sep 2024 20:16

Instrument :
 MSVOA_V
 ClientSampleId :

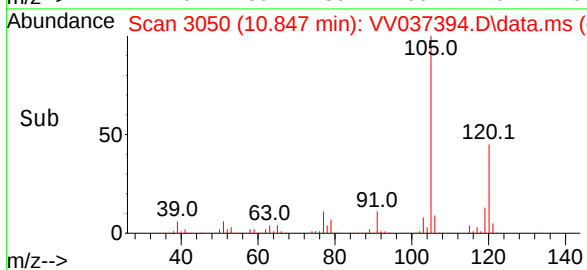
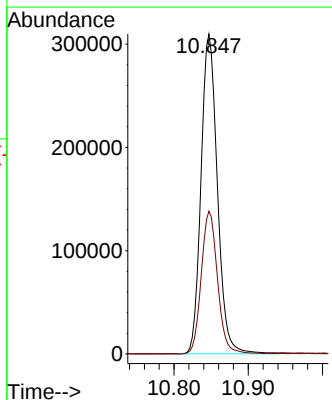
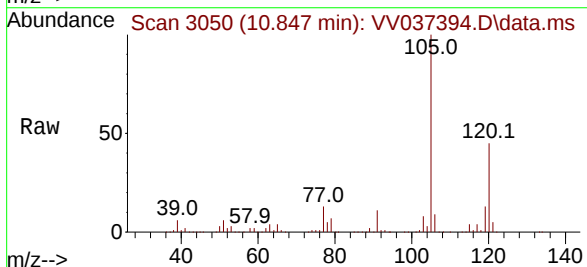


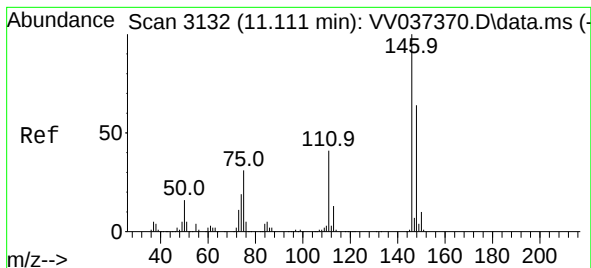
Tgt Ion:105 Resp: 464102
 Ion Ratio Lower Upper
 105 100
 120 49.8 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 5.309 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. -0.000 min
 Lab File: VV037394.D
 Acq: 19 Sep 2024 20:16

Tgt Ion:105 Resp: 474263
 Ion Ratio Lower Upper
 105 100
 120 44.5 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.390 ug/L

RT: 11.114 min Scan# 3132

Delta R.T. 0.003 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

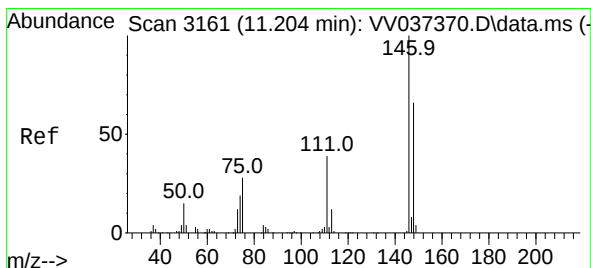
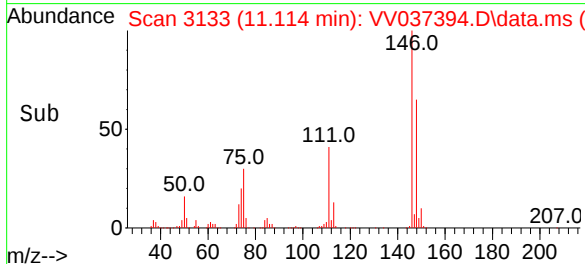
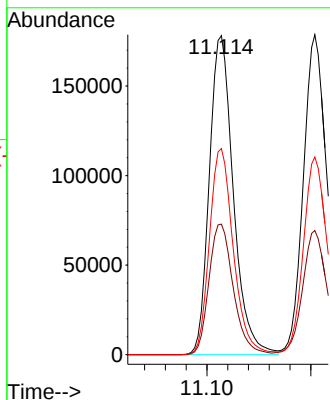
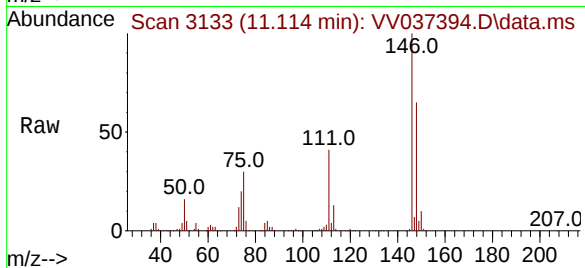
Tgt Ion:146 Resp: 285781

Ion Ratio Lower Upper

146 100

111 40.9 28.8 53.4

148 64.6 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 5.405 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

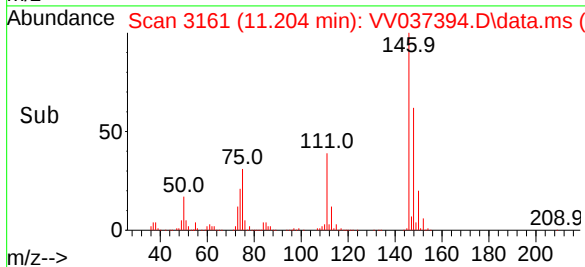
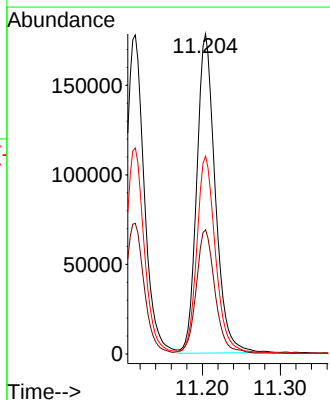
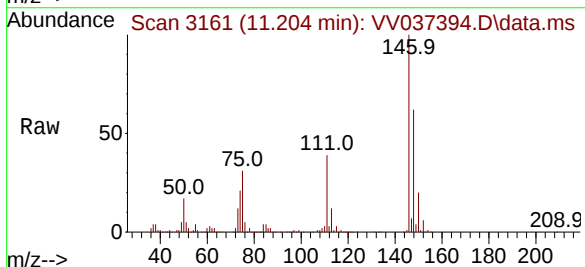
Tgt Ion:146 Resp: 293845

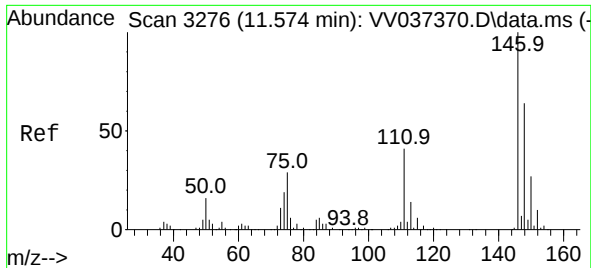
Ion Ratio Lower Upper

146 100

111 38.8 28.2 52.4

148 61.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.456 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :

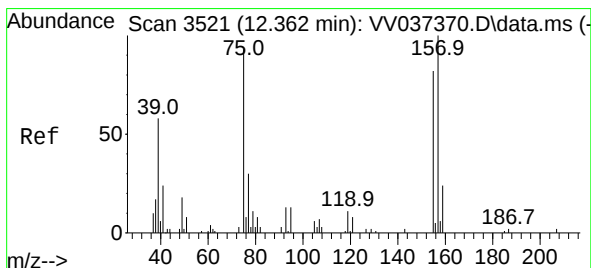
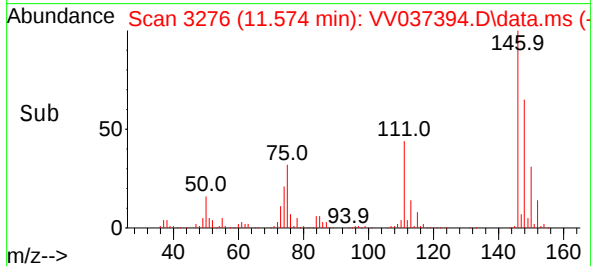
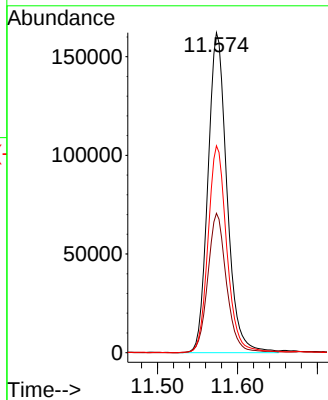
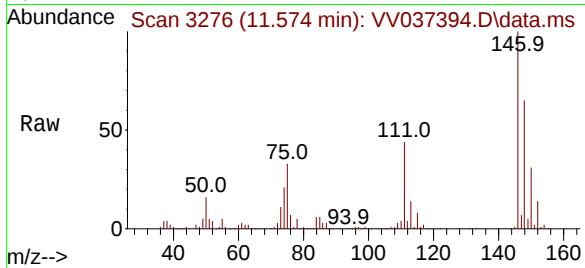
Tgt Ion:146 Resp: 268151

Ion Ratio Lower Upper

146 100

111 43.6 34.4 51.6

148 64.7 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.944 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

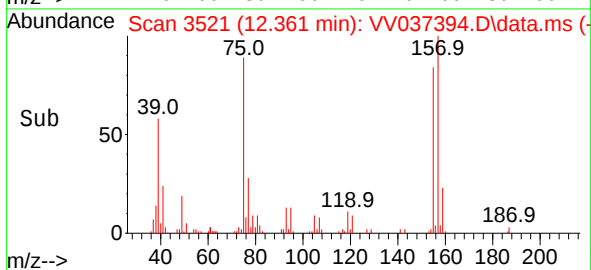
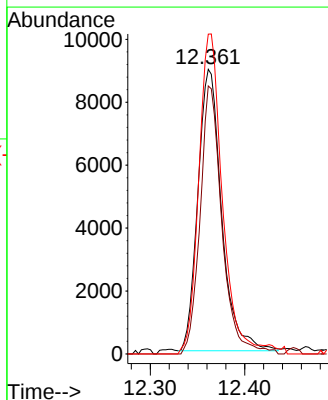
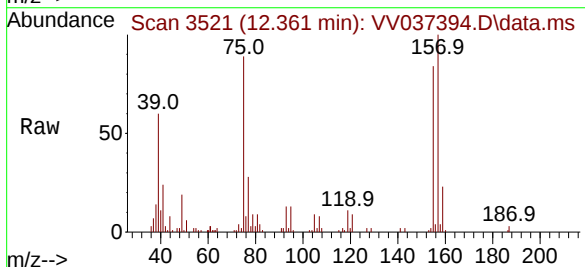
Tgt Ion: 75 Resp: 15632

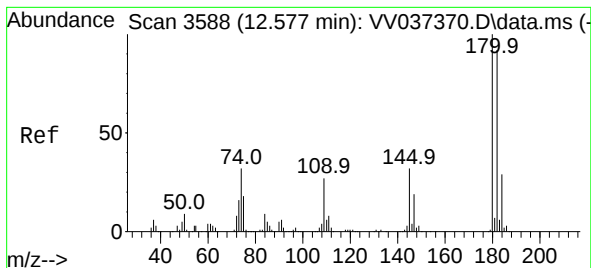
Ion Ratio Lower Upper

75 100

155 94.1 60.6 90.8#

157 112.4 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 5.292 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

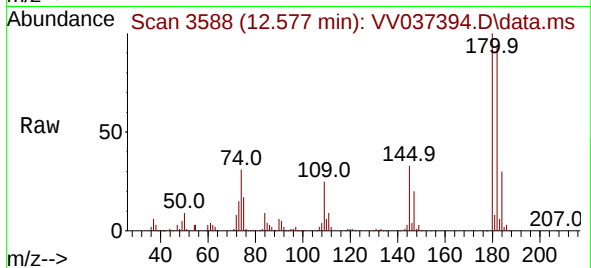
Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 200075

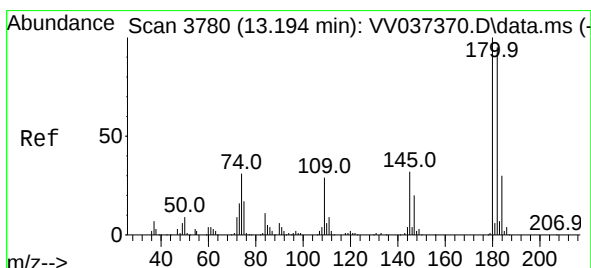
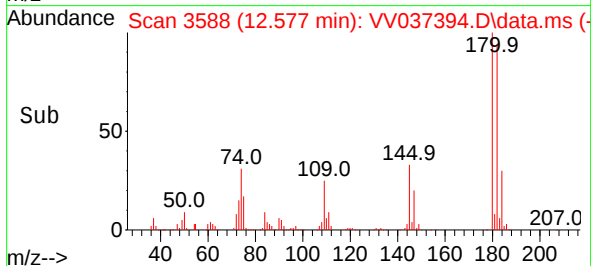
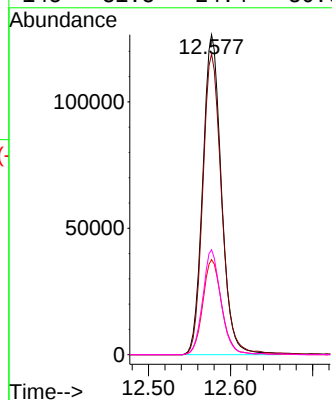
Ion Ratio Lower Upper

180 100

182 94.7 74.3 111.5

184 30.1 24.3 36.5

145 31.8 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 5.502 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV037394.D

Acq: 19 Sep 2024 20:16

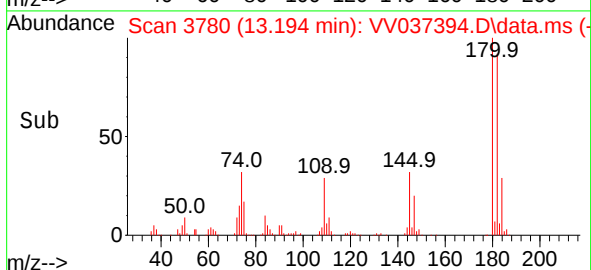
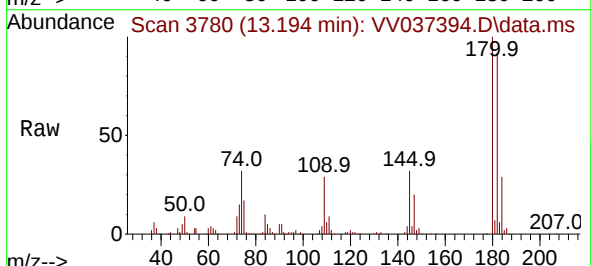
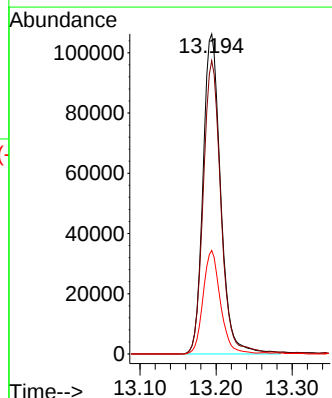
Tgt Ion:180 Resp: 171225

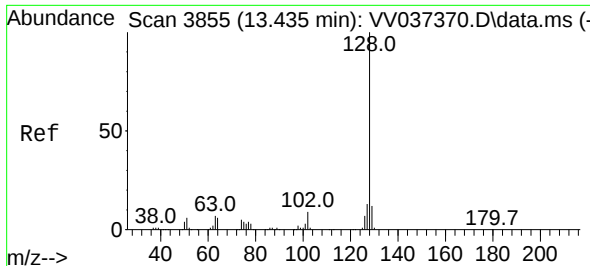
Ion Ratio Lower Upper

180 100

182 91.8 75.4 113.0

145 31.8 25.8 38.6

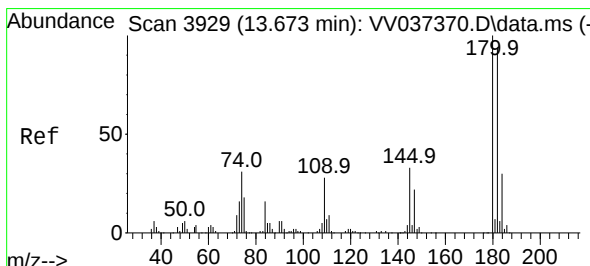
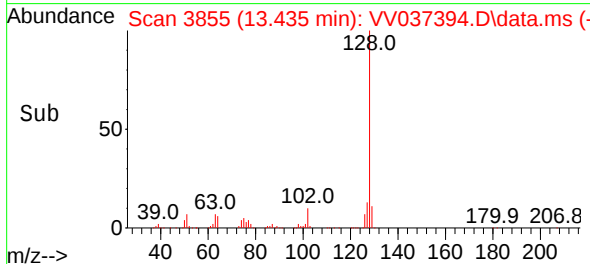
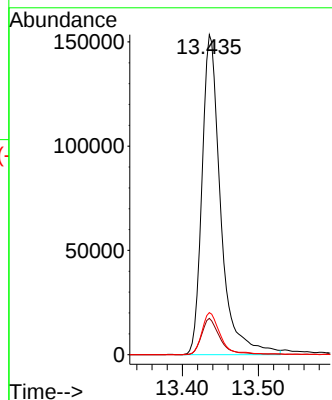
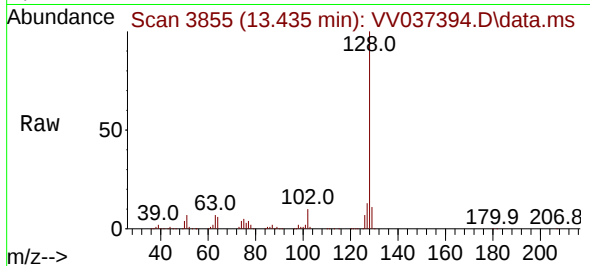




#71
Naphthalene
Concen: 5.520 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 262547
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.736 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. -0.000 min
Lab File: VV037394.D
Acq: 19 Sep 2024 20:16

Tgt Ion:180 Resp: 147714
Ion Ratio Lower Upper
180 100
182 96.1 73.4 110.0
145 34.0 27.2 40.8

