

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037418.D
 Acq On : 20 Sep 2024 08:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 23:28:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 03:11:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	311482	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	320476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	168729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	93803	5.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.600%
7) Chloroethane-d5	1.529	69	82264	4.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.053	65	44409	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.822	46	258287	47.295	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.580%
24) Chloroform-d	4.240	84	211396	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.937	65	98604	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	4.953	84	398381	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.982	67	122656	4.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.236	98	371440	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.551	79	41977	4.776	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.024	63	222730	51.865	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.720%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	102930	4.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	130754	4.359	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	147073	5.083	ug/L	99
3) Chloromethane	1.214	50	142854	4.627	ug/L	100
5) Vinyl chloride	1.278	62	151395	4.990	ug/L	97
6) Bromomethane	1.484	94	76856	4.222	ug/L	98
8) Chloroethane	1.545	64	97344	5.335	ug/L	100
9) Trichlorofluoromethane	1.709	101	203887	5.402	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	120127	5.255	ug/L	97
12) 1,1-Dichloroethene	2.063	96	115552	5.294	ug/L	98
13) Acetone	2.159	43	190067	49.984	ug/L	64
14) Carbon disulfide	2.233	76	357981	5.201	ug/L	100
15) Methyl Acetate	2.388	43	42385	4.867	ug/L	99
16) Methylene chloride	2.439	84	131048	5.222	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	271802	5.238	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	124512	5.422	ug/L	99
19) 1,1-Dichloroethane	3.105	63	233302	5.320	ug/L	99
21) 2-Butanone	3.896	43	268322	46.428	ug/L	94
22) cis-1,2-Dichloroethene	3.806	96	131642	5.302	ug/L	98
23) Bromochloromethane	4.140	128	60967	5.670	ug/L	96
25) Chloroform	4.265	83	240600	5.446	ug/L	97

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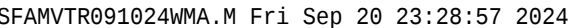
Instrument :
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 ClientSampleId :

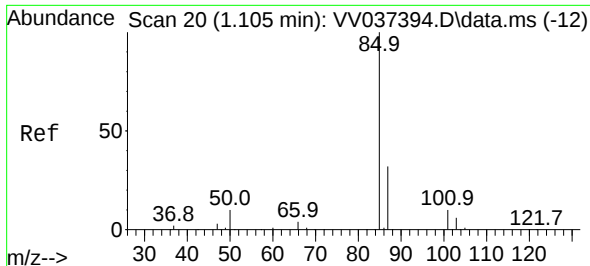
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	140772	5.631	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	203112	5.345	ug/L	99
30) Cyclohexane	4.571	56	178912	4.853	ug/L	98
31) Carbon tetrachloride	4.725	117	171204	5.293	ug/L	100
33) Benzene	5.002	78	508122	5.262	ug/L	100
34) Trichloroethene	5.828	95	141150	5.425	ug/L	98
35) Methylcyclohexane	6.043	83	199279	5.038	ug/L	98
37) 1,2-Dichloropropane	6.085	63	128298	5.222	ug/L	100
38) Bromodichloromethane	6.426	83	160271	5.211	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	168880	4.746	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	722828	51.392	ug/L	96
42) Toluene	7.307	91	540265	5.379	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	134062	4.669	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	96483	5.487	ug/L	98
47) Tetrachloroethene	7.899	164	98650	5.297	ug/L	99
48) 2-Hexanone	8.072	43	522233	50.801	ug/L	99
49) Dibromochloromethane	8.169	129	95275	5.172	ug/L	95
50) 1,2-Dibromoethane	8.278	107	90751	5.463	ug/L	97
51) Chlorobenzene	8.809	112	353054	5.279	ug/L	99
52) Ethylbenzene	8.940	91	579068	5.166	ug/L	99
53) m,p-Xylene	9.066	106	220469	5.345	ug/L	99
54) o-Xylene	9.471	106	215213	5.270	ug/L	99
55) Styrene	9.490	104	374684	5.412	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	117229	5.519	ug/L	95
59) Bromoform	9.661	173	47062	4.768	ug/L	100
60) Isopropylbenzene	9.860	105	575536	5.096	ug/L	98
61) 1,2,3-Trichloropropane	10.204	75	79742	5.194	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	461113	5.149	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	459696	5.110	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	275167	5.154	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	280641	5.126	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	255228	5.157	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	15359	4.824	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	191814	5.038	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	154803	4.939	ug/L	100
71) Naphthalene	13.435	128	208910	4.362	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	134058	5.169	ug/L	97

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

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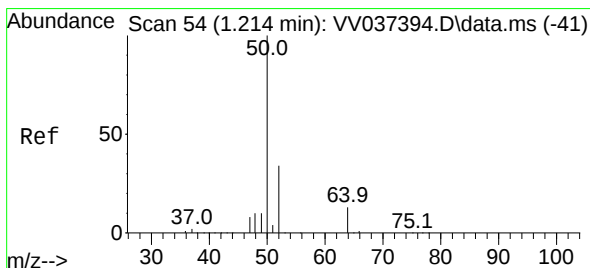
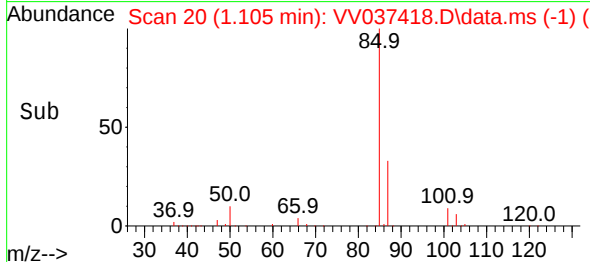
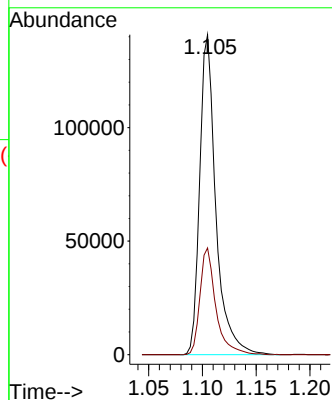
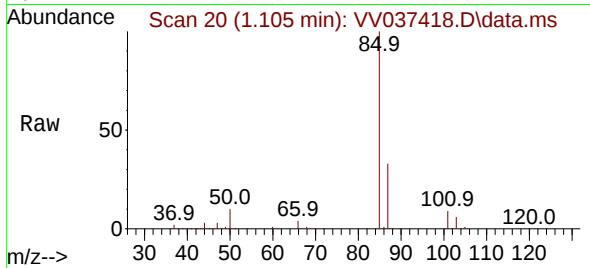




#2
 Dichlorodifluoromethane
 Concen: 5.083 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037418.D
 Acq: 20 Sep 2024 08:50

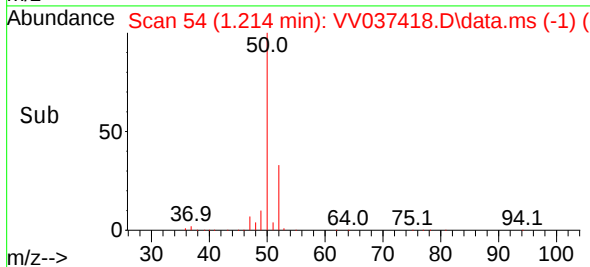
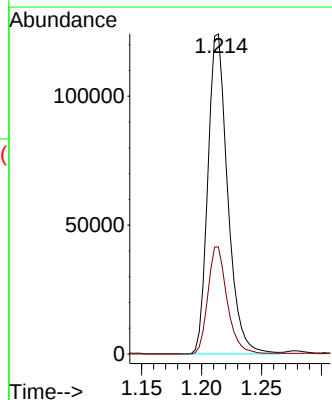
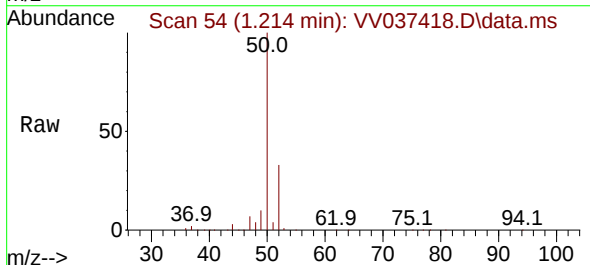
Instrument :
 MSVOA_V
 ClientSampleId :

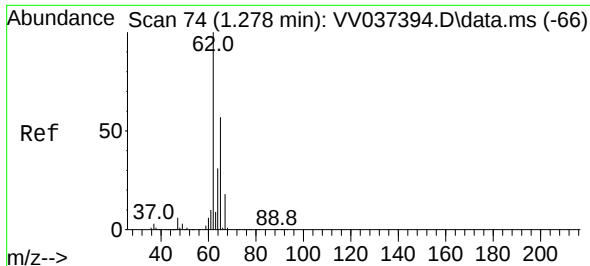
Tgt Ion: 85 Resp: 147073
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 4.627 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037418.D
 Acq: 20 Sep 2024 08:50

Tgt Ion: 50 Resp: 142854
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.3 43.3

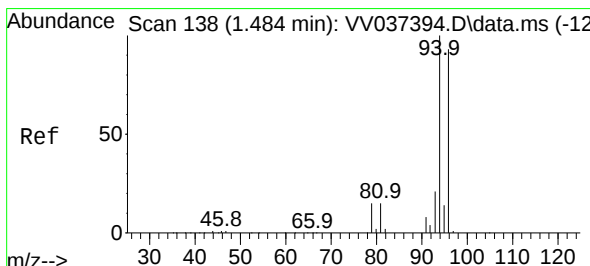
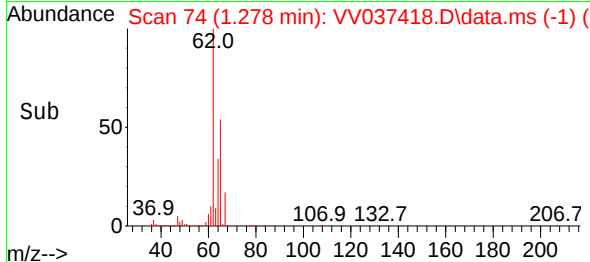
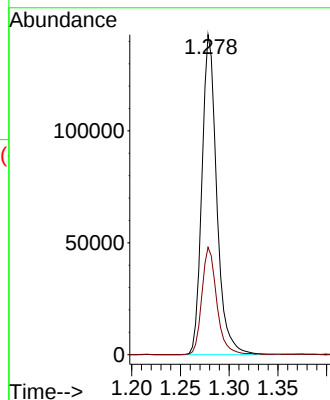
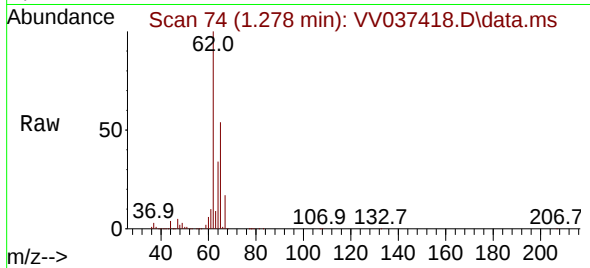




#5
 Vinyl chloride
 Concen: 4.990 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV037418.D
 Acq: 20 Sep 2024 08:50

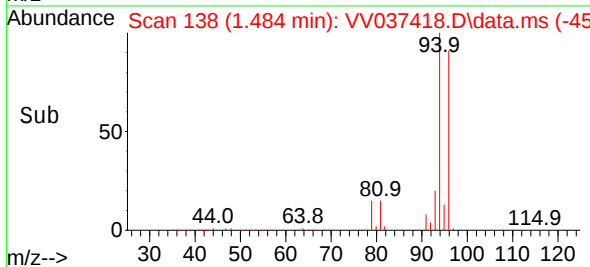
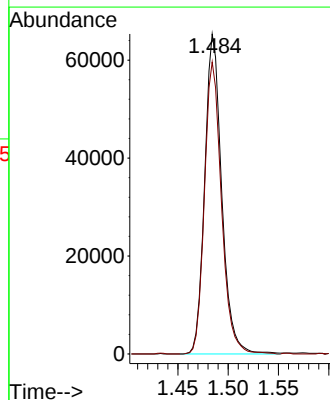
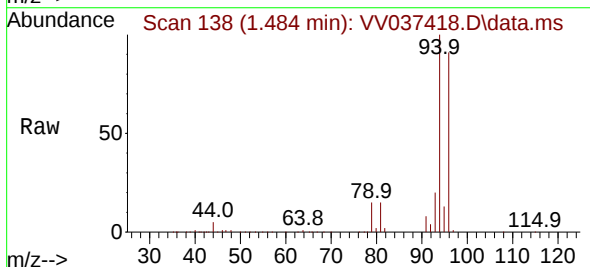
Instrument :
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 ClientSampleId :

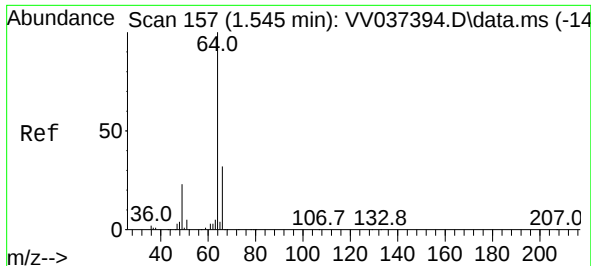
Tgt Ion: 62 Resp: 151395
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.4 41.6



#6
 Bromomethane
 Concen: 4.222 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV037418.D
 Acq: 20 Sep 2024 08:50

Tgt Ion: 94 Resp: 76856
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.3 121.3

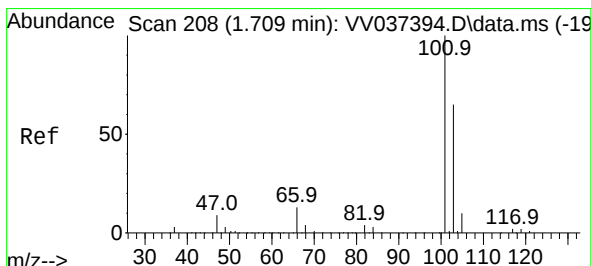
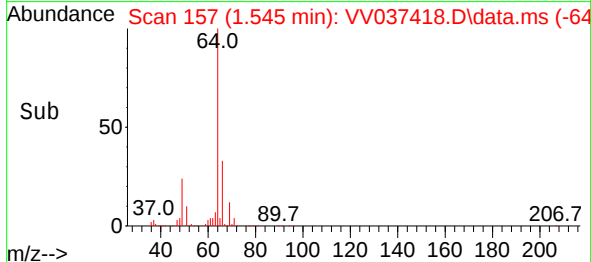
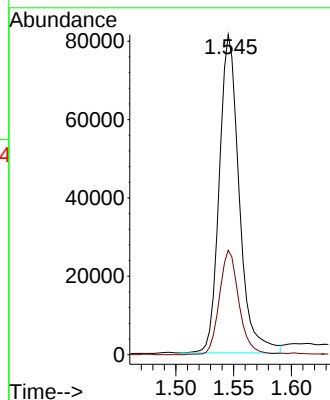
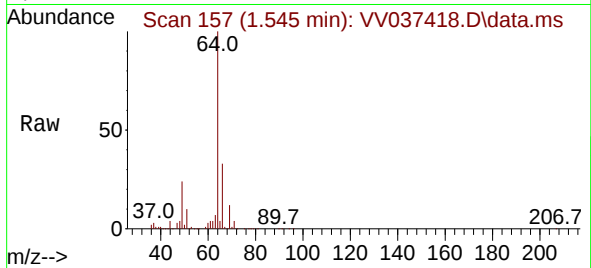




#8
Chloroethane
Concen: 5.335 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

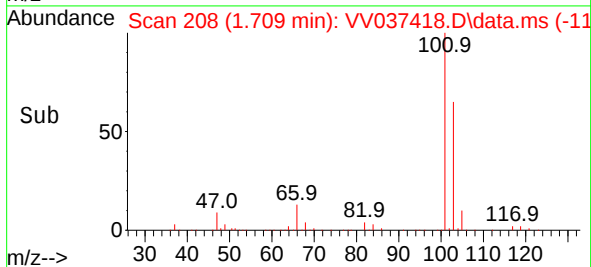
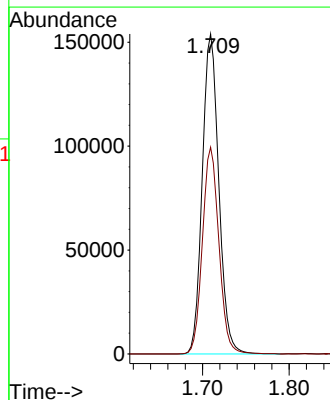
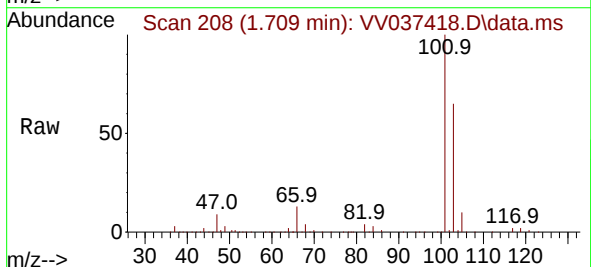
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MSVOA_V
ClientSampleId :

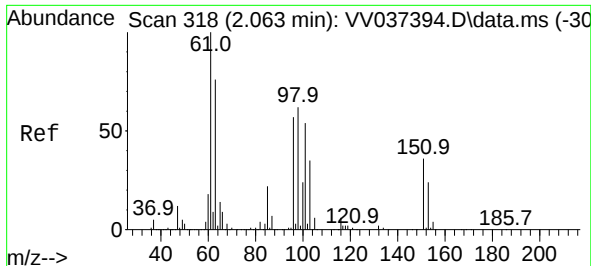
Tgt Ion: 64 Resp: 97344
Ion Ratio Lower Upper
64 100
66 32.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.402 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

Tgt Ion:101 Resp: 203887
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

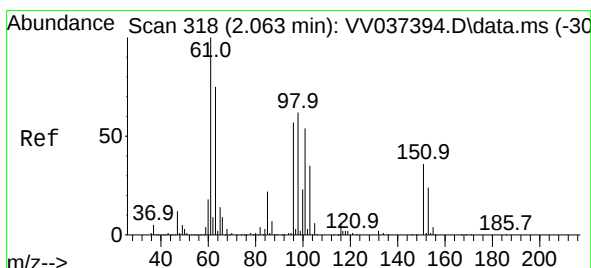
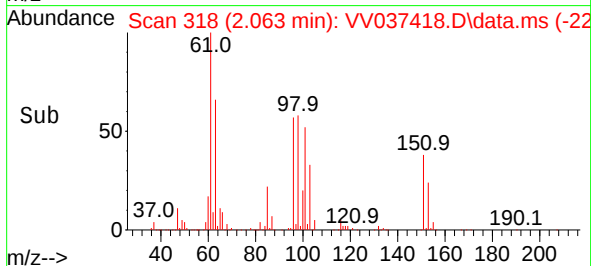
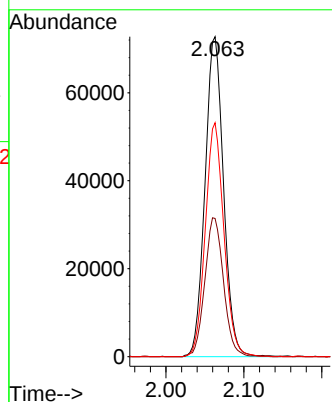
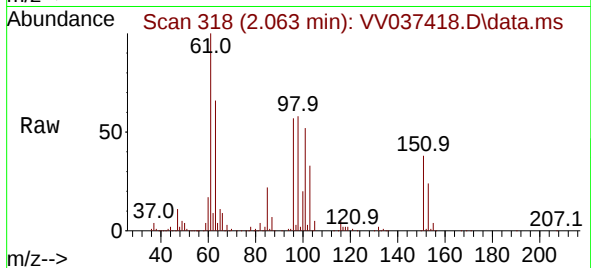




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.255 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV037418.D
 Acq: 20 Sep 2024 08:50

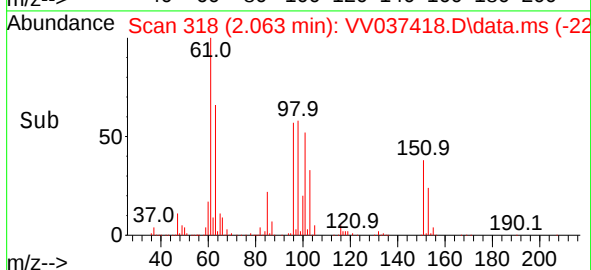
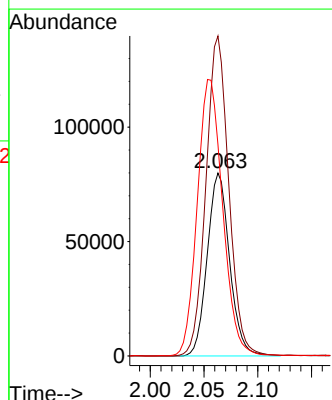
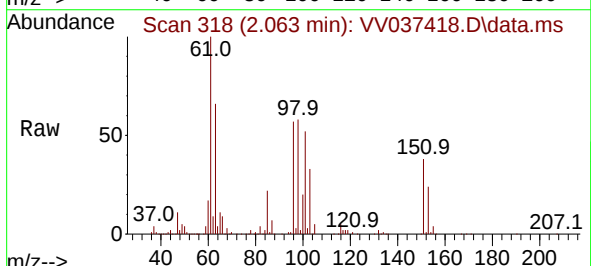
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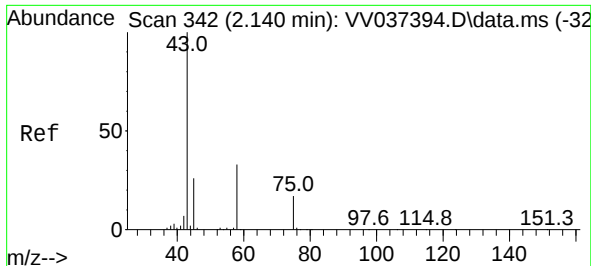
Tgt Ion:101 Resp: 120127
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.1 52.7
 151 73.6 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 5.294 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV037418.D
 Acq: 20 Sep 2024 08:50

Tgt Ion: 96 Resp: 115552
 Ion Ratio Lower Upper
 96 100
 61 174.9 119.9 222.7
 63 115.6 81.4 151.2





#13

Acetone

Concen: 49.984 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.019 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

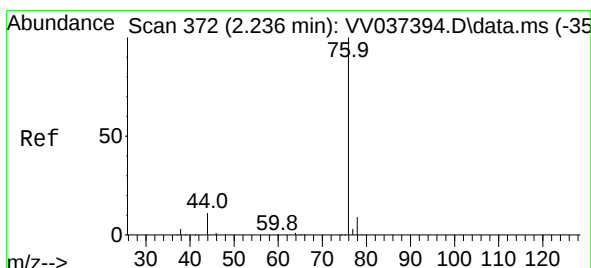
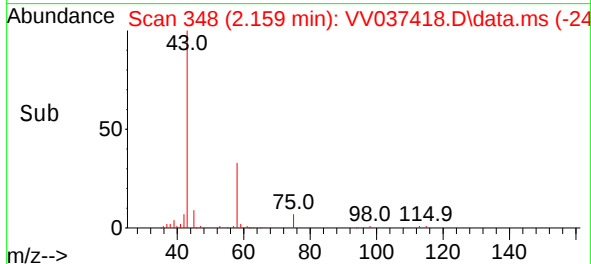
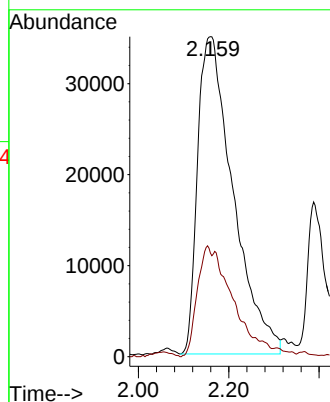
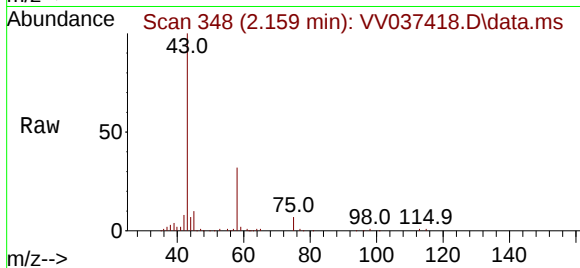
ClientSampleId :

Tgt Ion: 43 Resp: 190067

Ion Ratio Lower Upper

43 100

58 14.0 0.0 69.2



#14

Carbon disulfide

Concen: 5.201 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037418.D

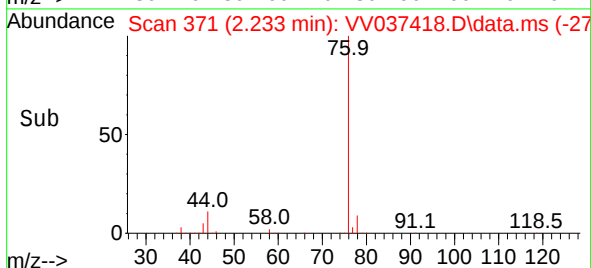
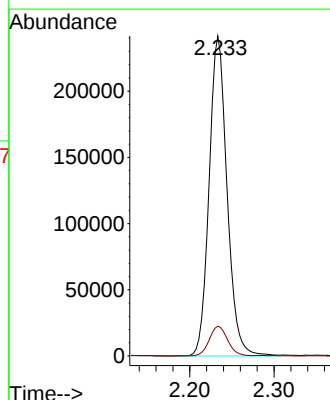
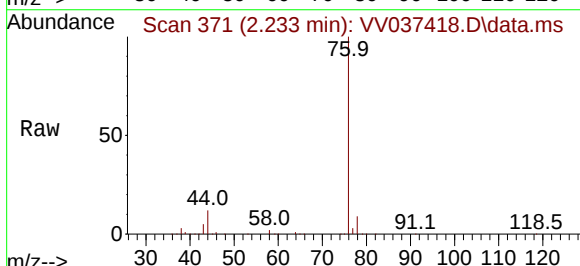
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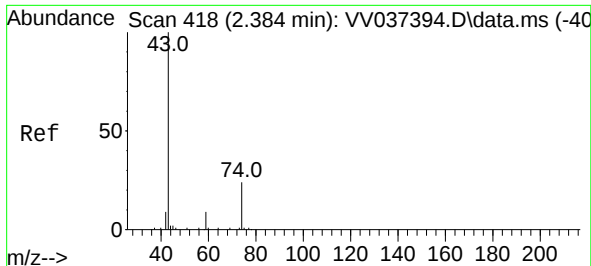
Tgt Ion: 76 Resp: 357981

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 4.867 ug/L

RT: 2.388 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

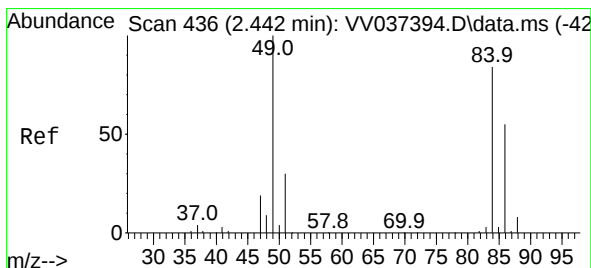
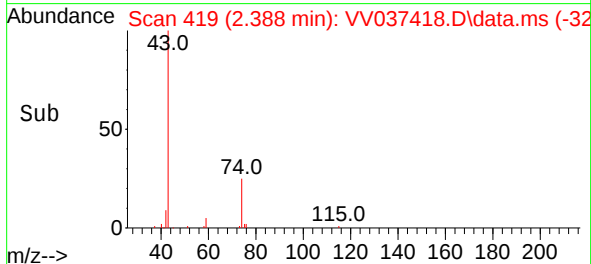
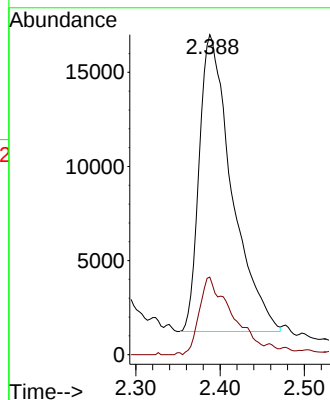
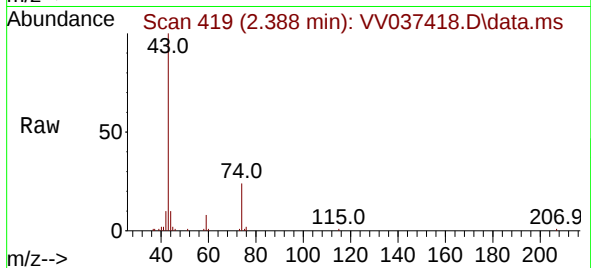
ClientSampleId :

Tgt Ion: 43 Resp: 42385

Ion Ratio Lower Upper

43 100

74 26.5 21.0 31.4



#16

Methylene chloride

Concen: 5.222 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

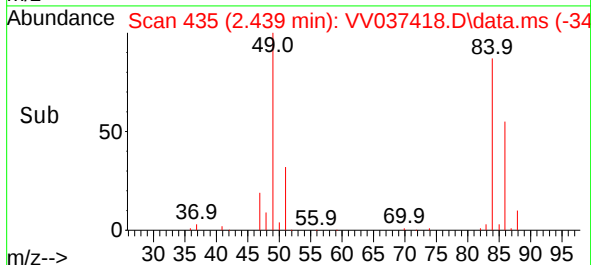
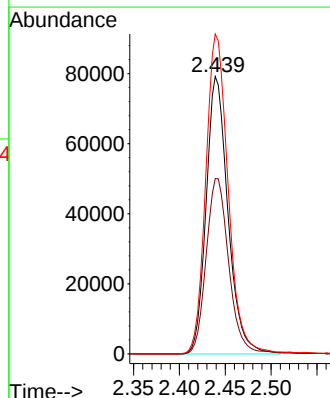
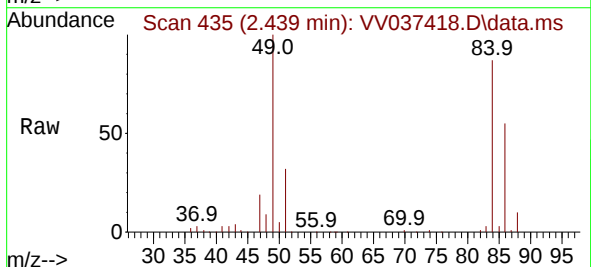
Tgt Ion: 84 Resp: 131048

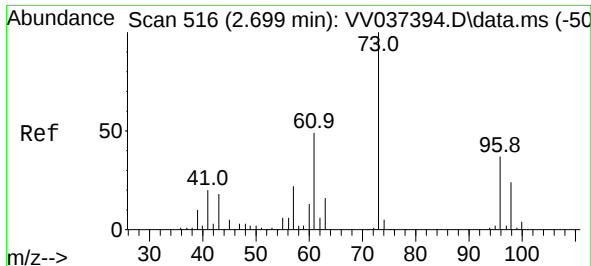
Ion Ratio Lower Upper

84 100

86 63.2 44.0 81.8

49 115.3 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 5.238 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

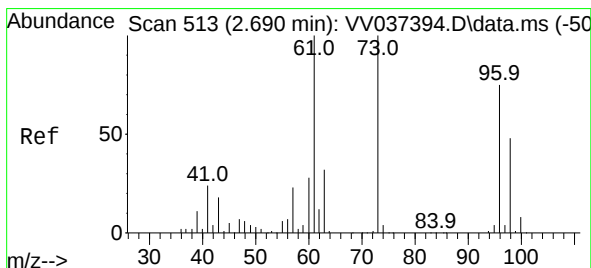
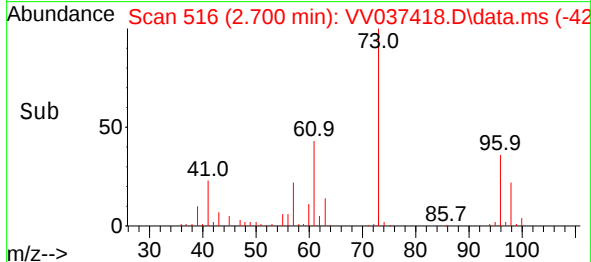
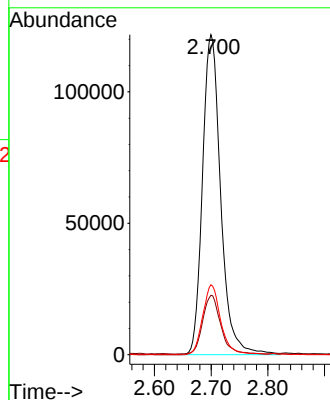
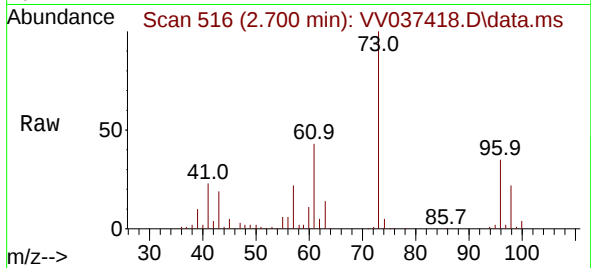
Tgt Ion: 73 Resp: 271802

Ion Ratio Lower Upper

73 100

43 18.1 14.5 21.7

57 21.5 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 5.422 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.003 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

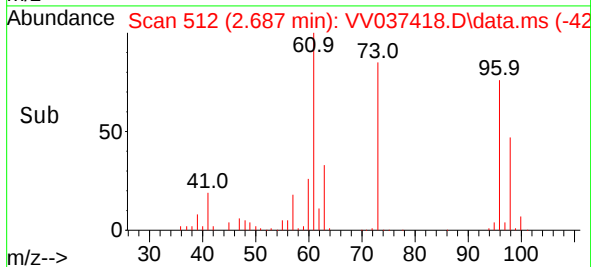
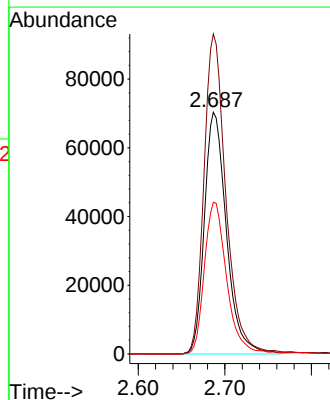
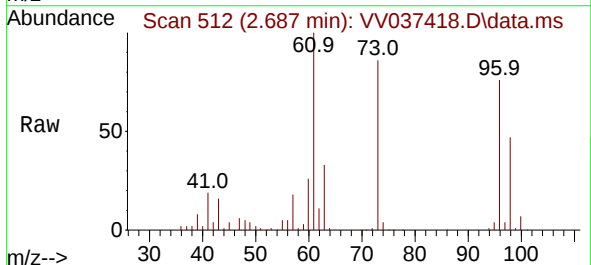
Tgt Ion: 96 Resp: 124512

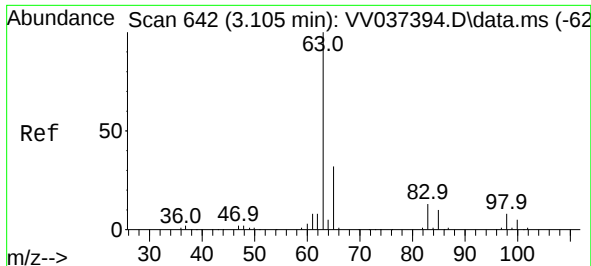
Ion Ratio Lower Upper

96 100

61 132.4 92.8 172.4

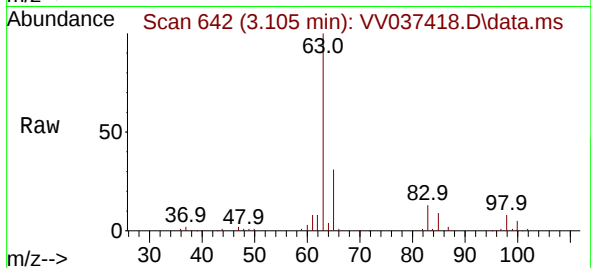
98 62.8 43.0 79.8



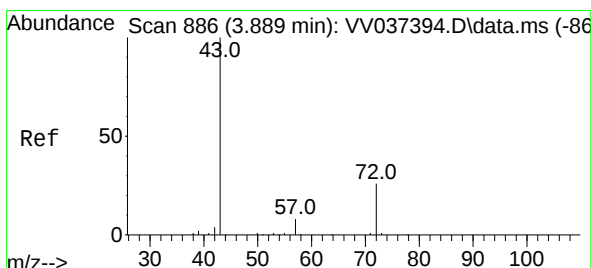
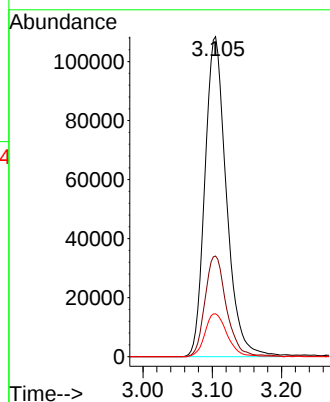
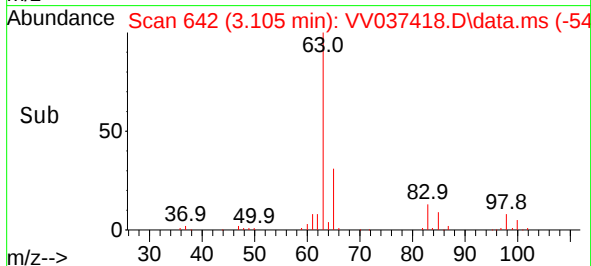


#19
1,1-Dichloroethane
Concen: 5.320 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

Instrument :
MSVOA_V
ClientSampleId :

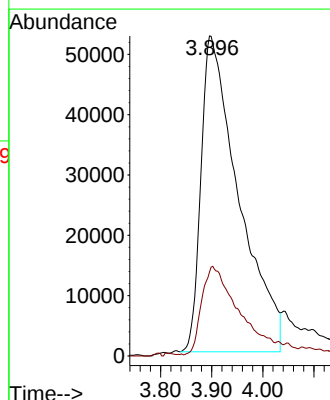
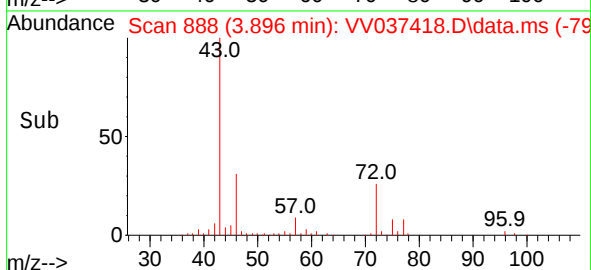
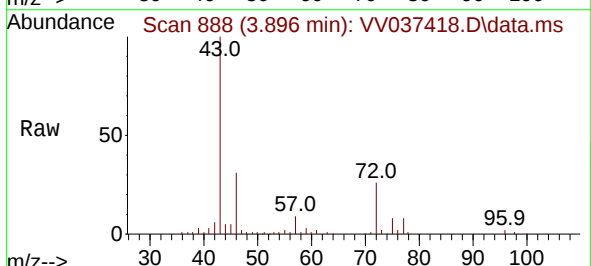


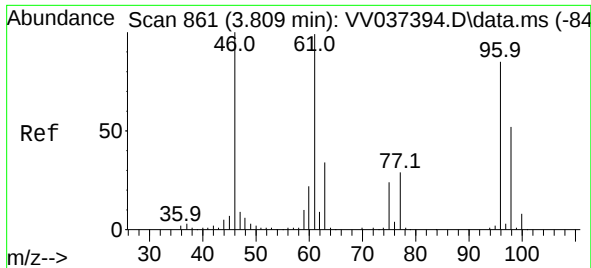
Tgt Ion: 63 Resp: 233302
Ion Ratio Lower Upper
63 100
65 31.4 22.5 41.7
83 13.4 8.9 16.5



#21
2-Butanone
Concen: 46.428 ug/L
RT: 3.896 min Scan# 888
Delta R.T. 0.007 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

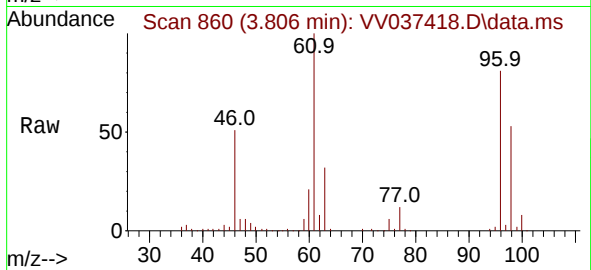
Tgt Ion: 43 Resp: 268322
Ion Ratio Lower Upper
43 100
72 27.3 12.2 36.6





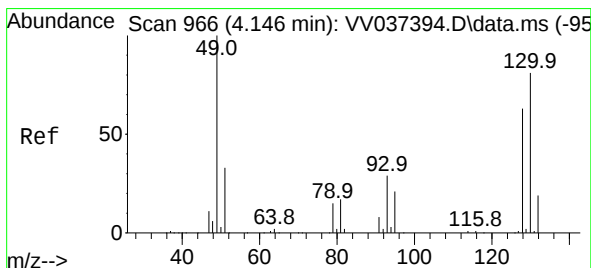
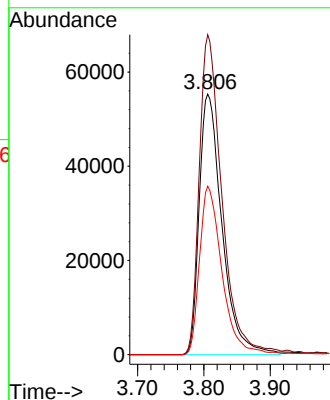
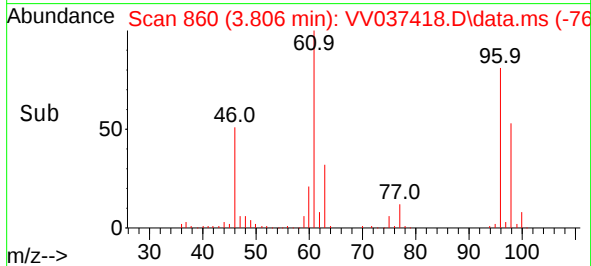
#22
 cis-1,2-Dichloroethene
 Concen: 5.302 ug/L
 RT: 3.806 min Scan# 861
 Delta R.T. -0.003 min
 Lab File: VV037418.D
 Acq: 20 Sep 2024 08:50

Instrument :
 MSVOA_V
 ClientSampleId :

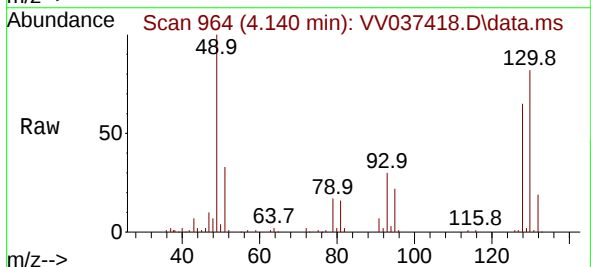


Tgt Ion: 96 Resp: 131642

Ion	Ratio	Lower	Upper
96	100		
61	122.8	87.6	162.6
98	64.7	44.9	83.5

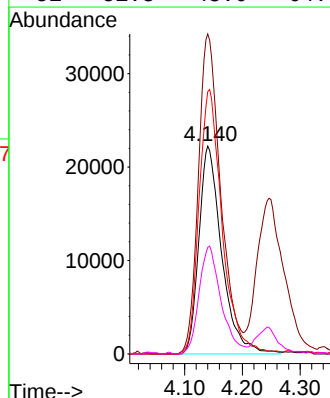
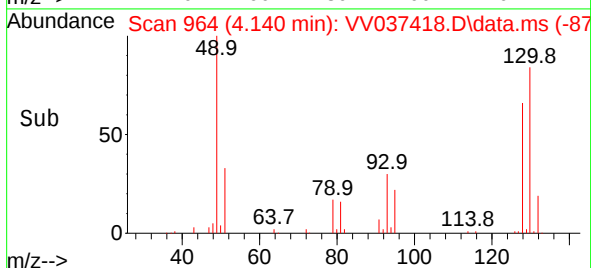


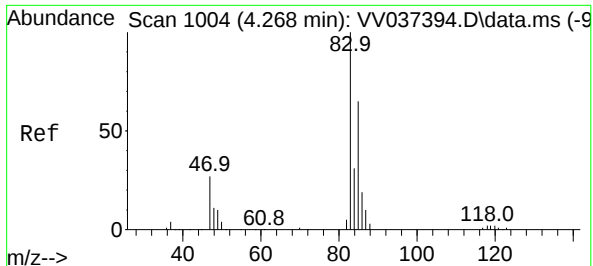
#23
 Bromochloromethane
 Concen: 5.670 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. -0.006 min
 Lab File: VV037418.D
 Acq: 20 Sep 2024 08:50



Tgt Ion: 128 Resp: 60967

Ion	Ratio	Lower	Upper
128	100		
49	154.0	114.0	211.8
130	126.2	89.3	165.9
51	51.3	43.0	64.4





#25

Chloroform

Concen: 5.446 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

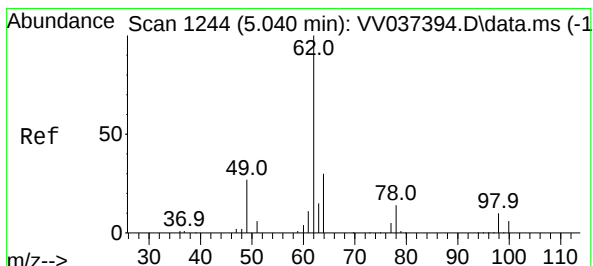
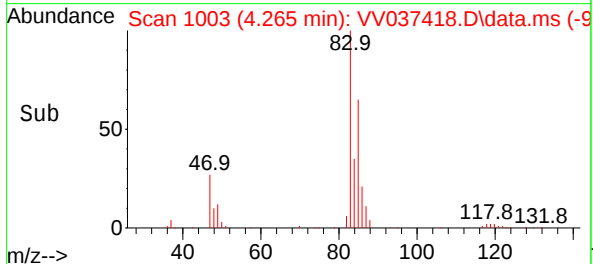
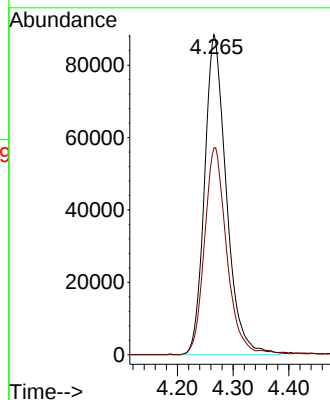
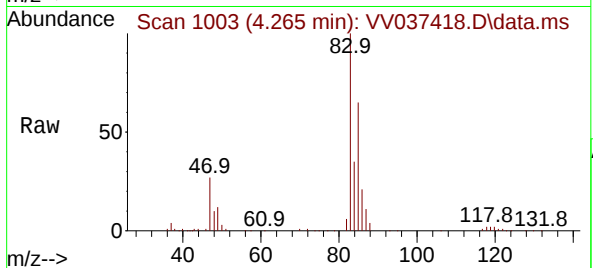
ClientSampleId :

Tgt Ion: 83 Resp: 240600

Ion Ratio Lower Upper

83 100

85 64.6 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.631 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV037418.D

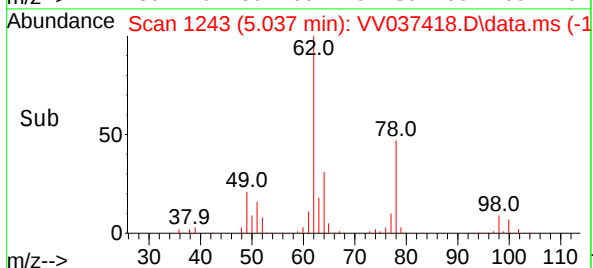
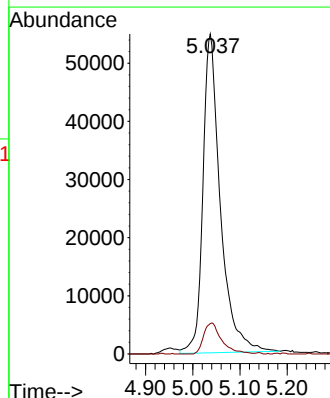
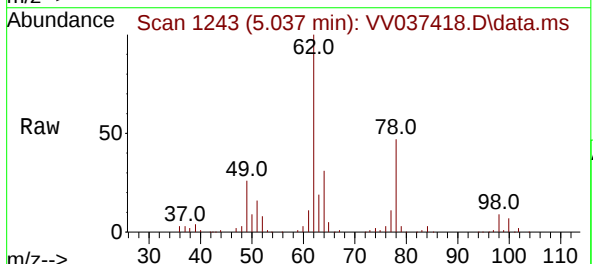
Acq: 20 Sep 2024 08:50

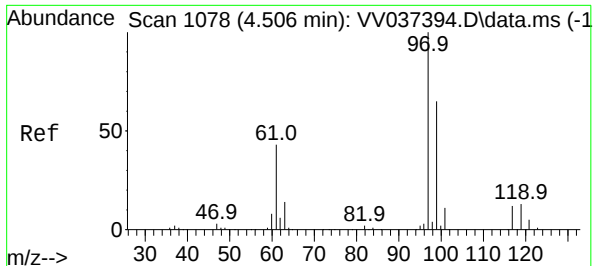
Tgt Ion: 62 Resp: 140772

Ion Ratio Lower Upper

62 100

98 9.5 8.2 12.4

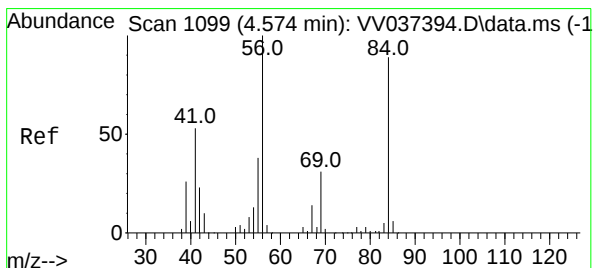
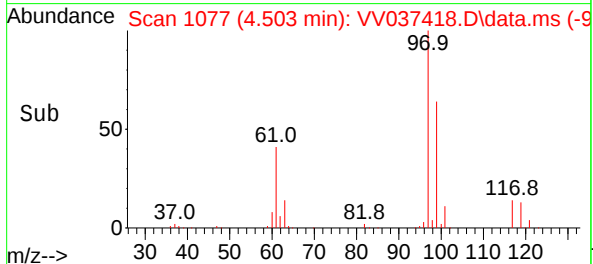
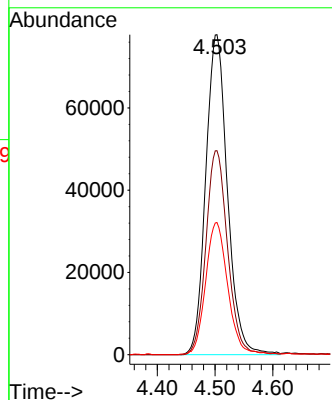
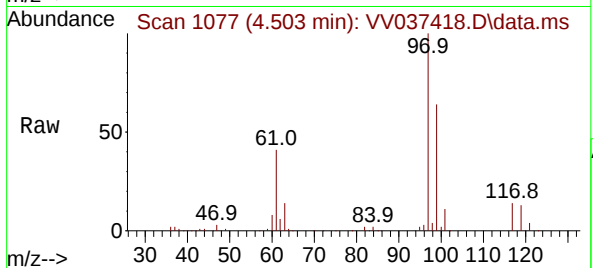




#29
1,1,1-Trichloroethane
Concen: 5.345 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

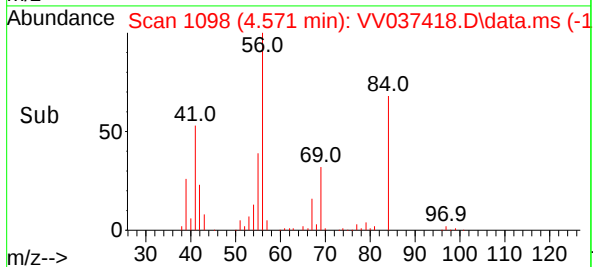
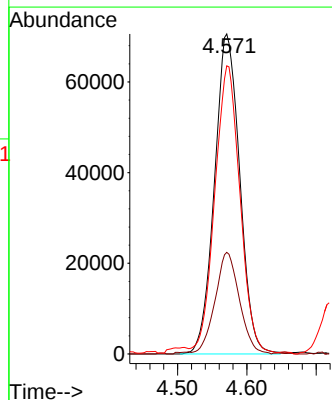
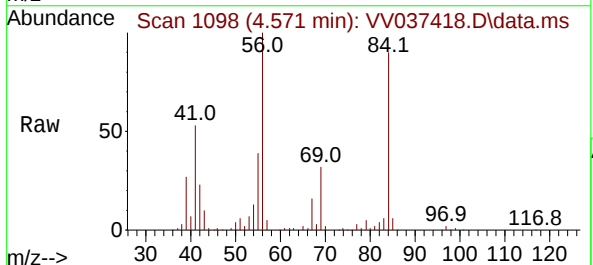
Instrument :
MSVOA_V
ClientSampleId :

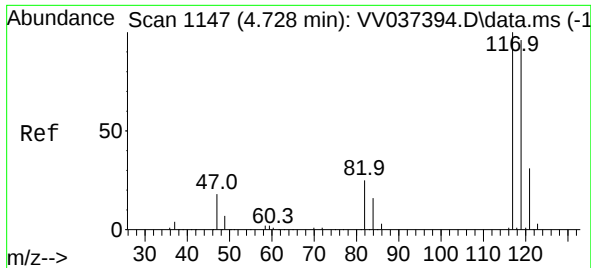
Tgt Ion: 97 Resp: 203112
Ion Ratio Lower Upper
97 100
99 63.6 50.0 75.0
61 42.1 34.3 51.5



#30
Cyclohexane
Concen: 4.853 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

Tgt Ion: 56 Resp: 178912
Ion Ratio Lower Upper
56 100
69 30.6 24.1 36.1
84 89.0 73.1 109.7

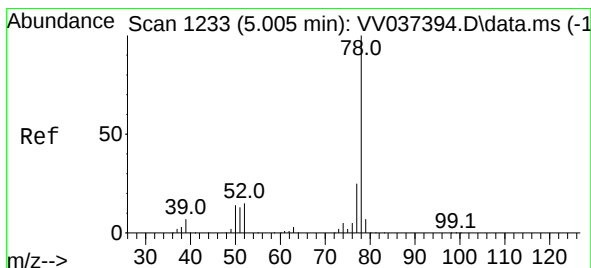
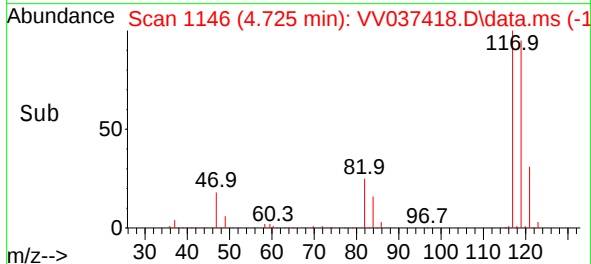
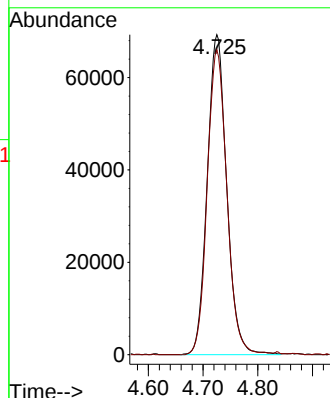
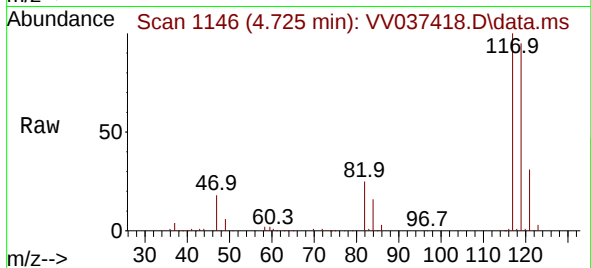




#31
Carbon tetrachloride
Concen: 5.293 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

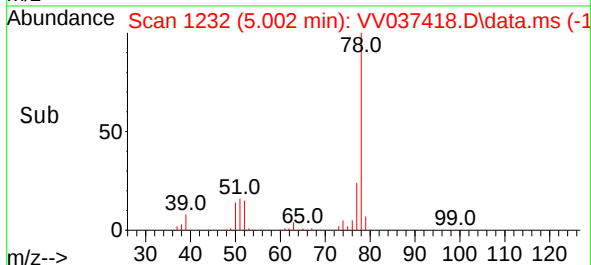
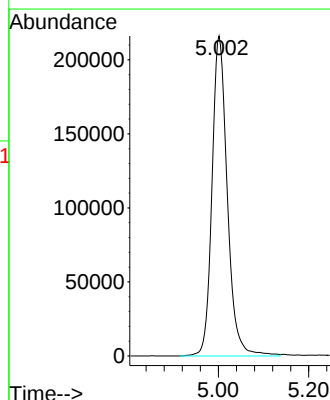
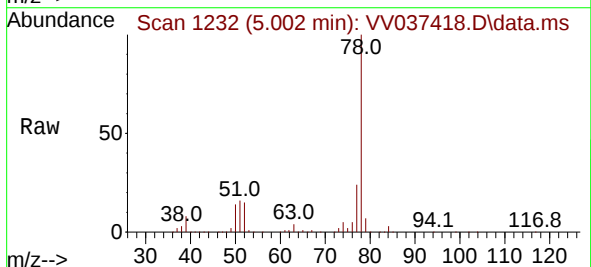
Instrument :
MSVOA_V
ClientSampleId :

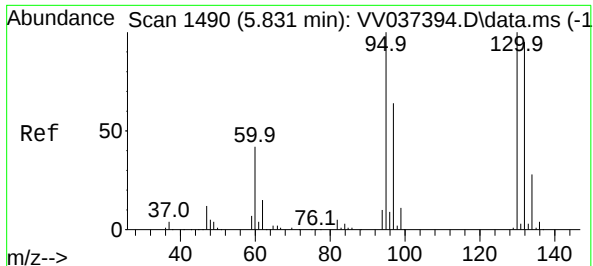
Tgt Ion:117 Resp: 171204
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.4



#33
Benzene
Concen: 5.262 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

Tgt Ion: 78 Resp: 508122





#34

Trichloroethene

Concen: 5.425 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 141150

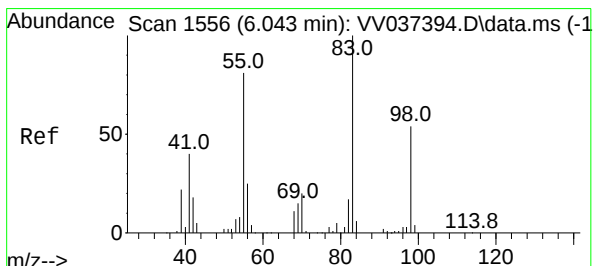
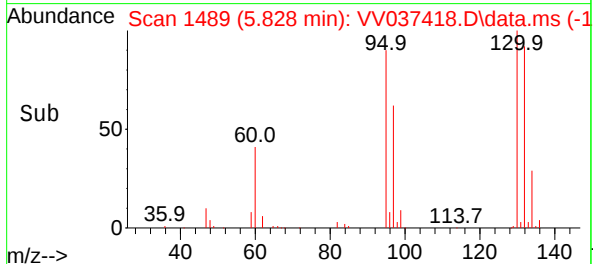
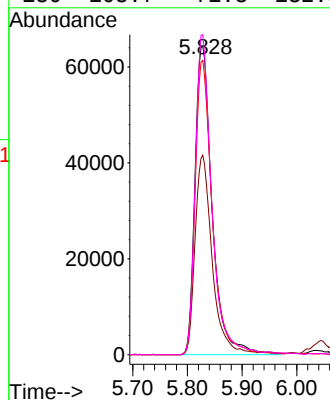
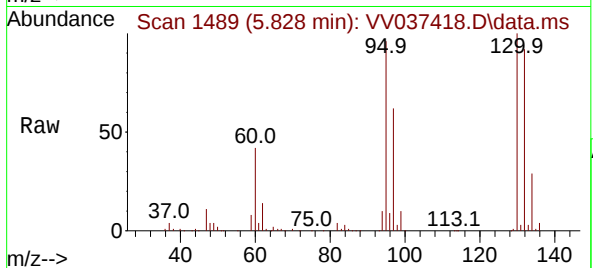
Ion Ratio Lower Upper

95 100

97 64.6 46.5 86.5

132 95.3 65.5 121.7

130 103.7 71.3 132.3



#35

Methylcyclohexane

Concen: 5.038 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

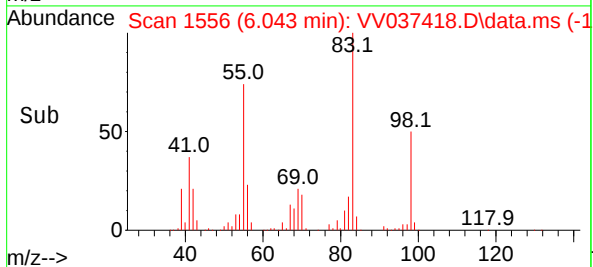
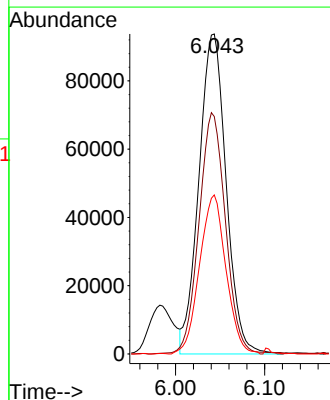
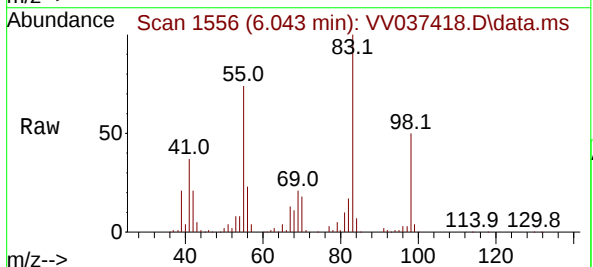
Tgt Ion: 83 Resp: 199279

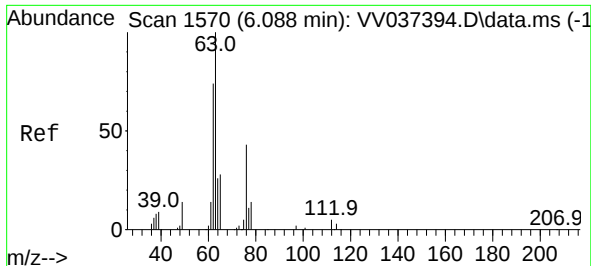
Ion Ratio Lower Upper

83 100

55 73.4 60.3 90.5

98 48.2 38.2 57.4





#37

1,2-Dichloropropane

Concen: 5.222 ug/L

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

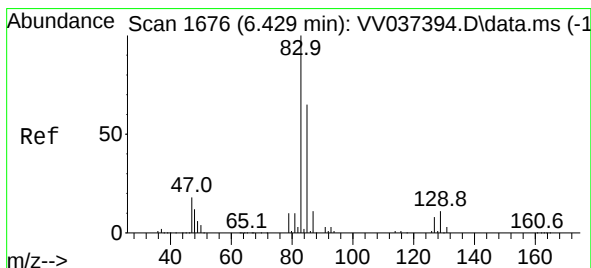
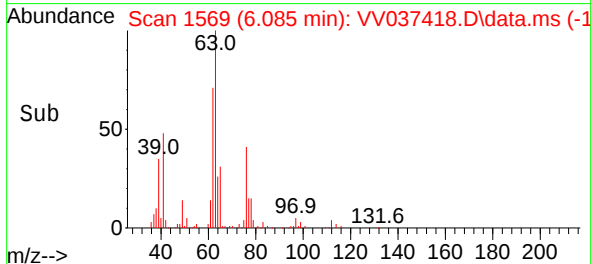
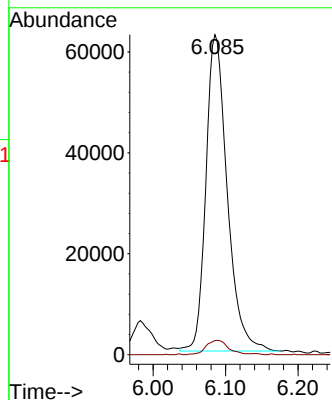
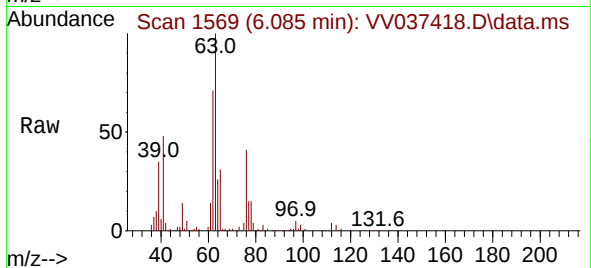
ClientSampleId :

Tgt Ion: 63 Resp: 128298

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 5.211 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

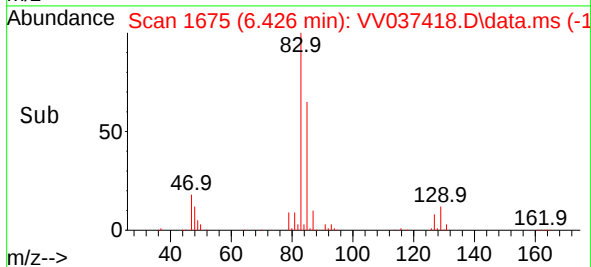
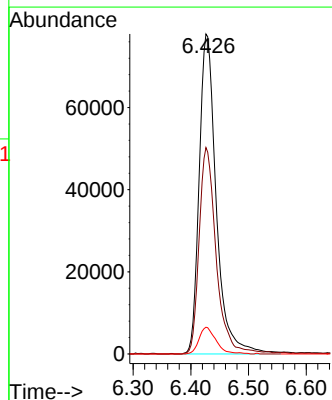
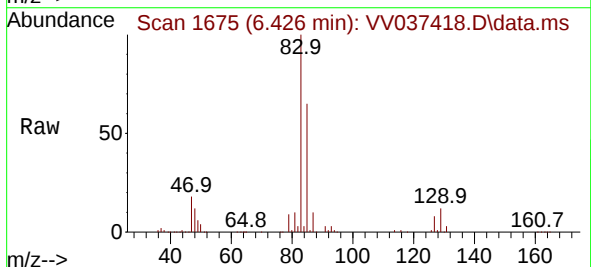
Tgt Ion: 83 Resp: 160271

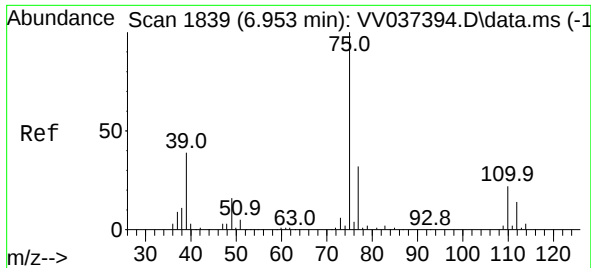
Ion Ratio Lower Upper

83 100

85 64.5 43.7 81.1

127 8.4 6.7 10.1

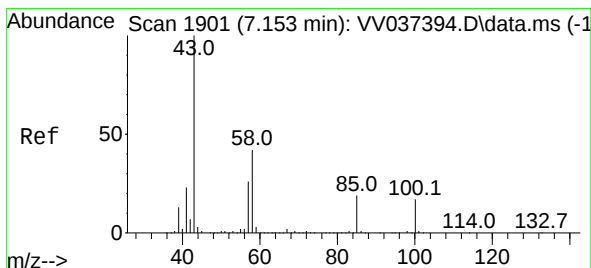
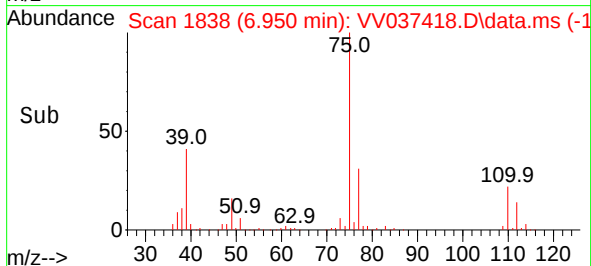
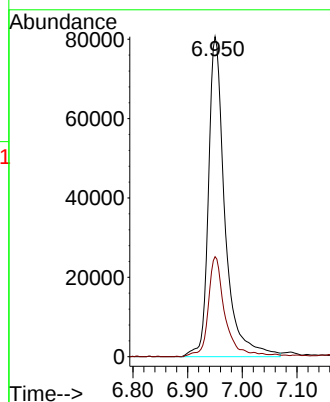
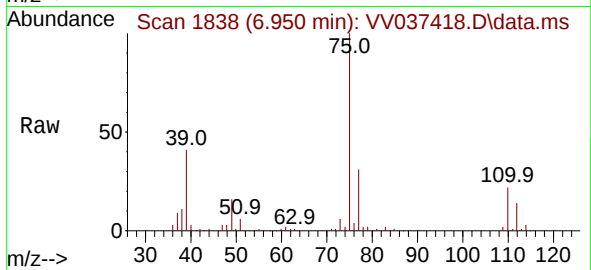




#39
cis-1,3-Dichloropropene
Concen: 4.746 ug/L
RT: 6.950 min Scan# 1839
Delta R.T. -0.003 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

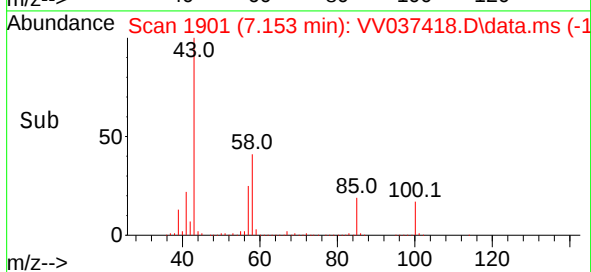
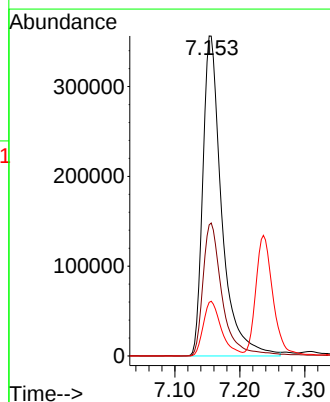
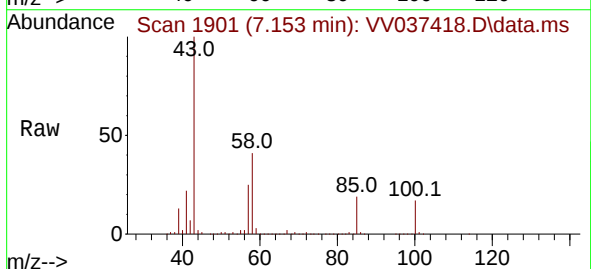
Instrument :
MSVOA_V
ClientSampleId :

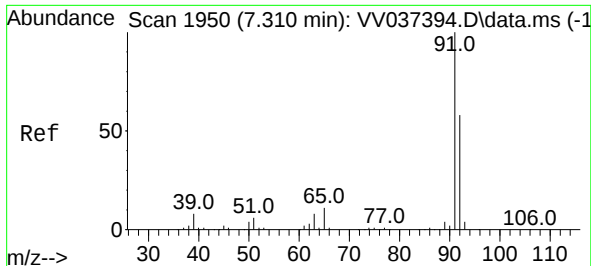
Tgt Ion: 75 Resp: 168880
Ion Ratio Lower Upper
75 100
77 31.3 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 51.392 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

Tgt Ion: 43 Resp: 722828
Ion Ratio Lower Upper
43 100
58 42.5 31.7 47.5
100 16.4 12.6 19.0





#42

Toluene

Concen: 5.379 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

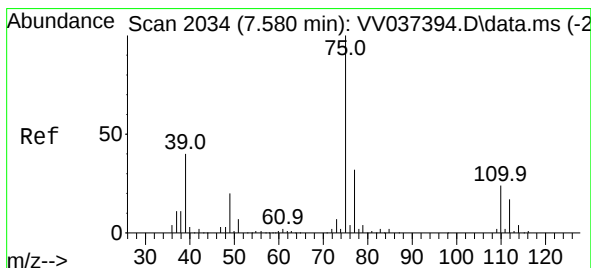
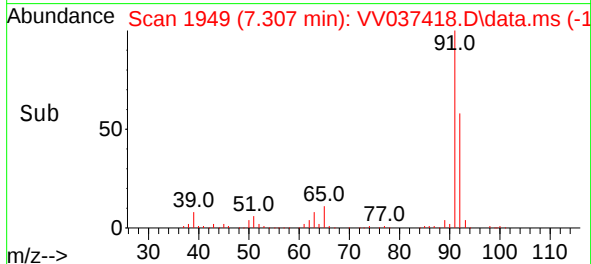
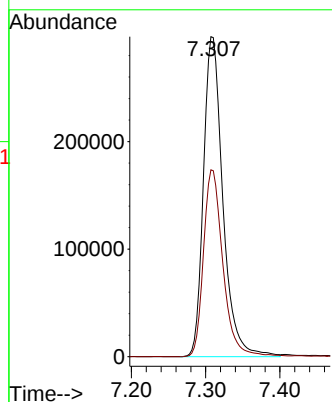
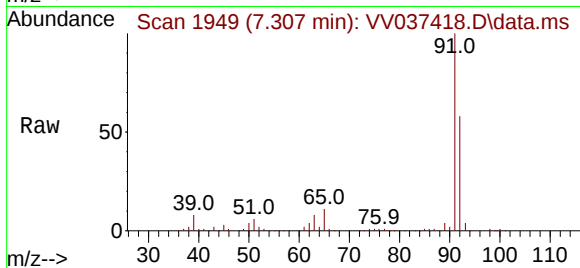
ClientSampleId :

Tgt Ion: 91 Resp: 540265

Ion Ratio Lower Upper

91 100

92 58.4 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 4.669 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV037418.D

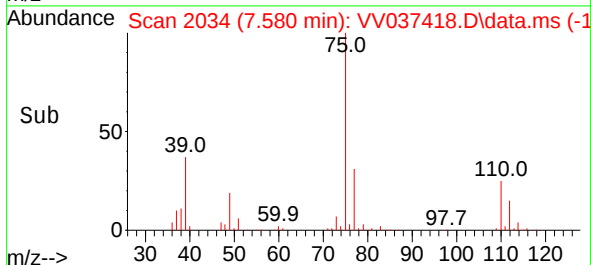
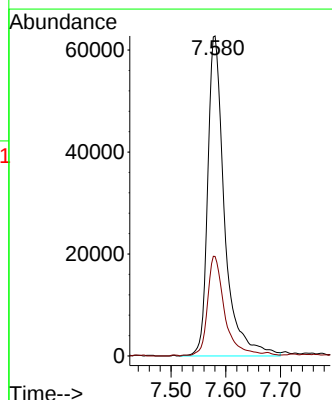
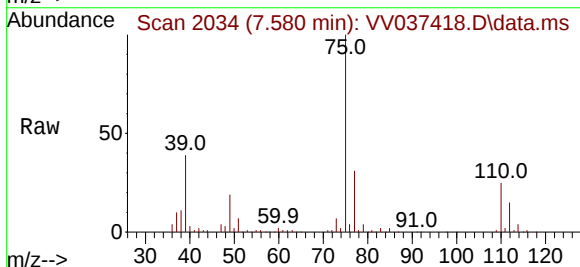
Acq: 20 Sep 2024 08:50

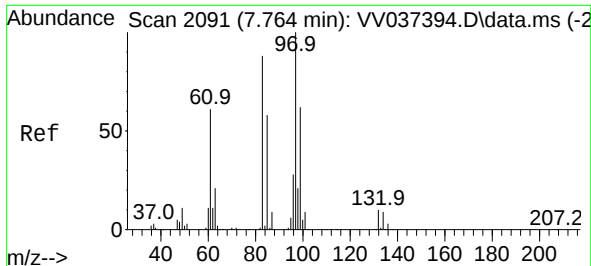
Tgt Ion: 75 Resp: 134062

Ion Ratio Lower Upper

75 100

77 31.1 20.9 38.9





#45

1,1,2-Trichloroethane

Concen: 5.487 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 96483

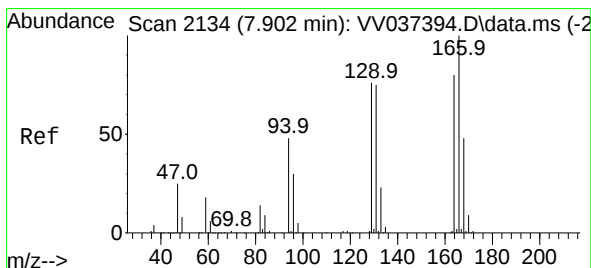
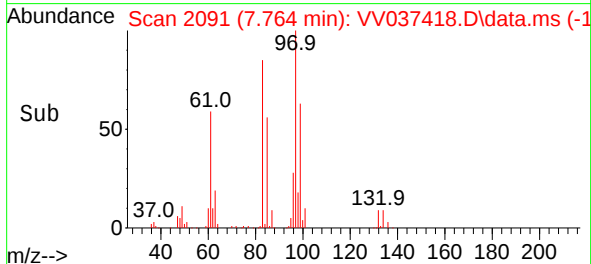
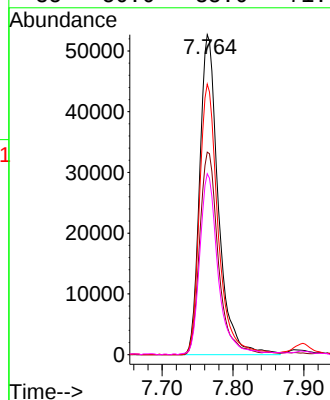
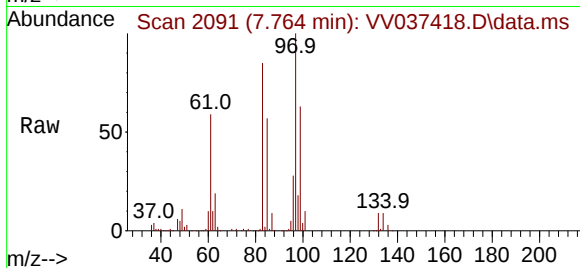
Ion Ratio Lower Upper

97 100

99 63.3 43.1 80.1

83 84.6 61.0 113.4

85 56.6 38.6 71.6



#47

Tetrachloroethene

Concen: 5.297 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.003 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Tgt Ion:164 Resp: 98650

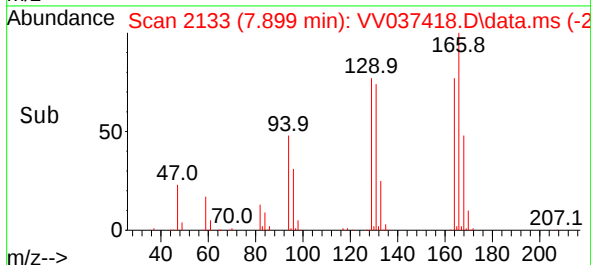
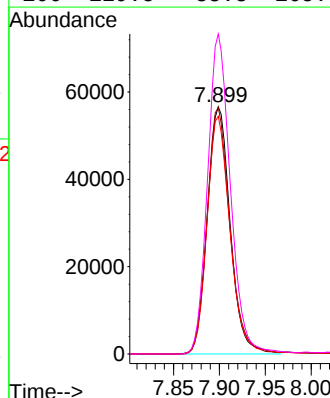
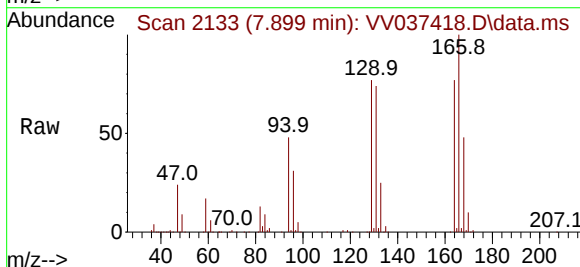
Ion Ratio Lower Upper

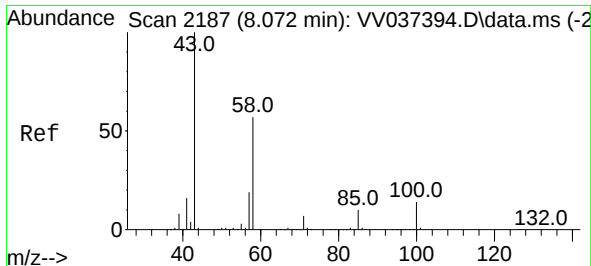
164 100

129 99.7 69.2 128.4

131 96.2 66.6 123.8

166 129.5 88.8 165.0



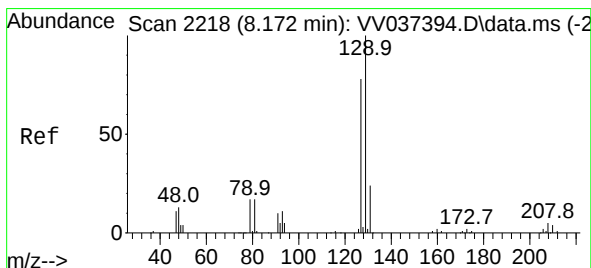
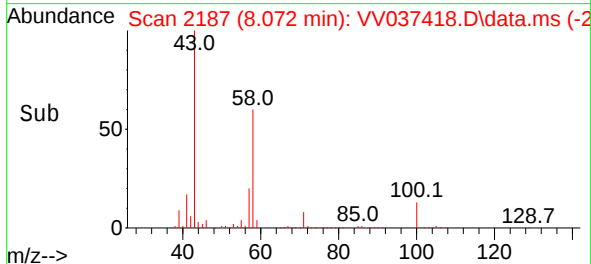
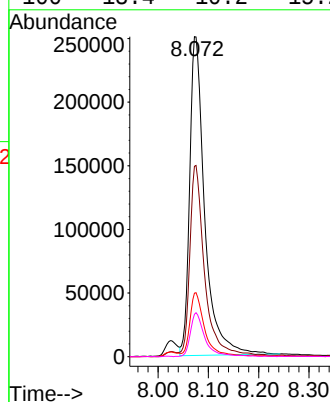
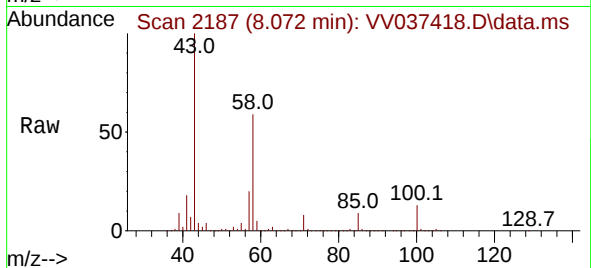


#48
2-Hexanone
Concen: 50.801 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 522233

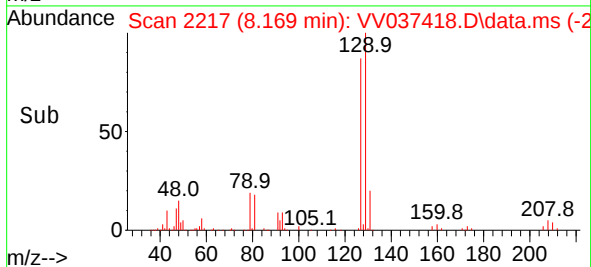
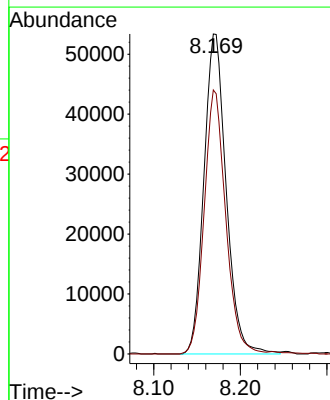
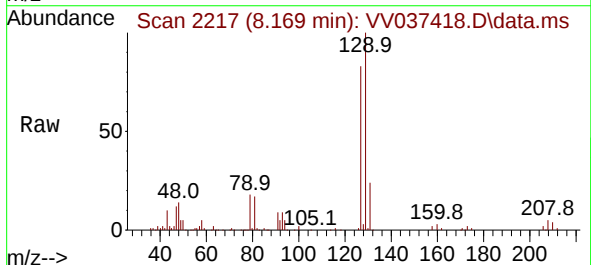
Ion	Ratio	Lower	Upper
43	100		
58	57.2	45.5	68.3
57	18.9	15.3	22.9
100	13.4	10.2	15.2

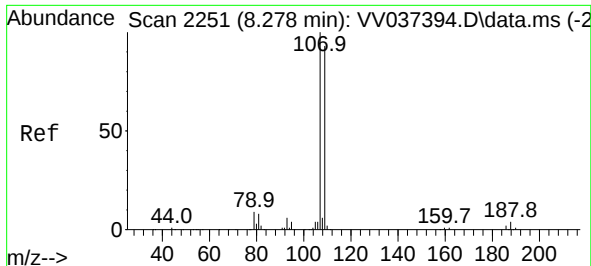


#49
Dibromochloromethane
Concen: 5.172 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.003 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

Tgt Ion: 129 Resp: 95275

Ion	Ratio	Lower	Upper
129	100		
127	82.5	54.5	101.1

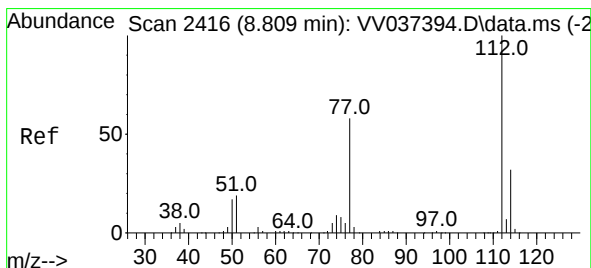
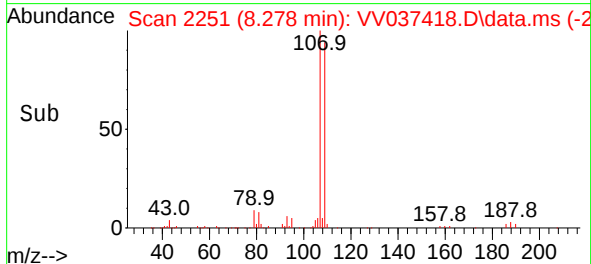
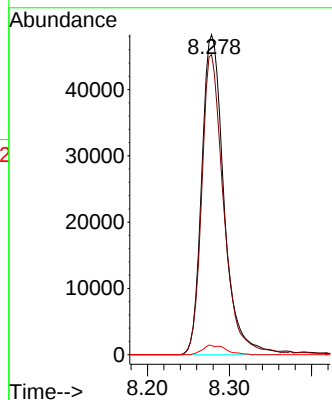
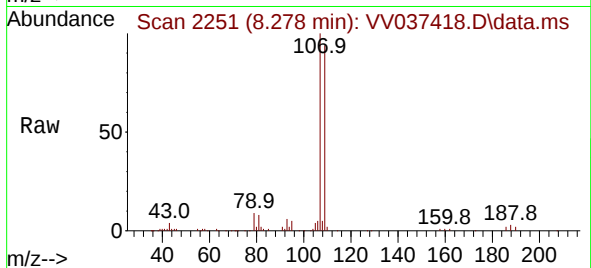




#50
1,2-Dibromoethane
Concen: 5.463 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

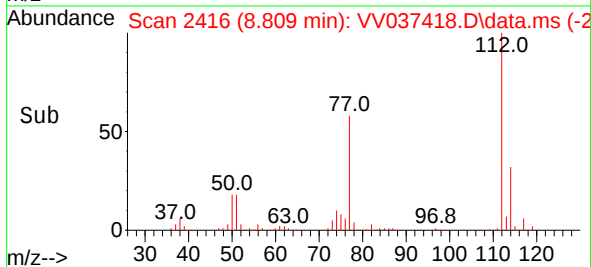
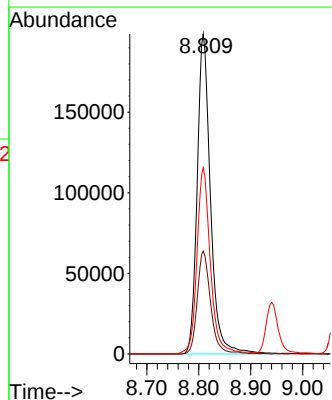
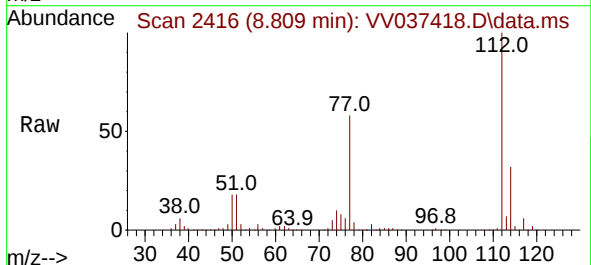
Instrument :
MSVOA_V
ClientSampleId :

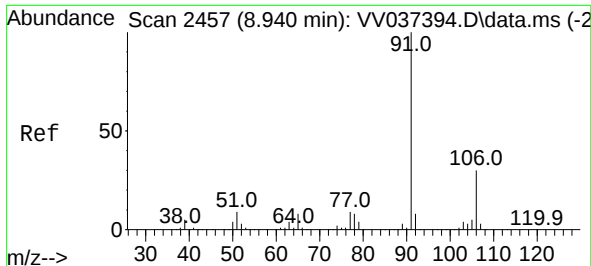
Tgt Ion:107 Resp: 90751
Ion Ratio Lower Upper
107 100
109 93.8 68.1 126.5
188 2.9 2.7 4.1



#51
Chlorobenzene
Concen: 5.279 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

Tgt Ion:112 Resp: 353054
Ion Ratio Lower Upper
112 100
114 32.2 22.6 42.0
77 58.2 47.0 70.6





#52

Ethylbenzene

Concen: 5.166 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

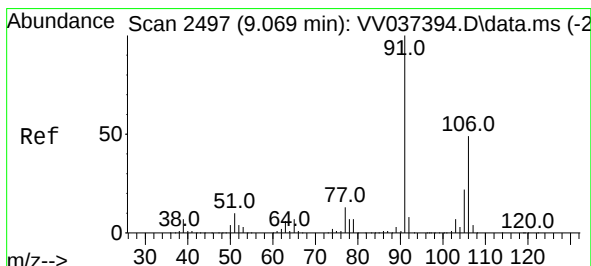
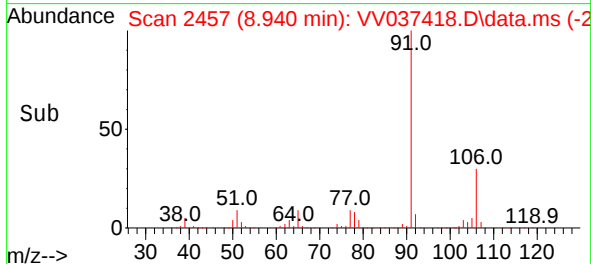
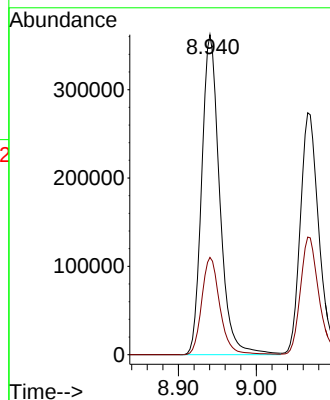
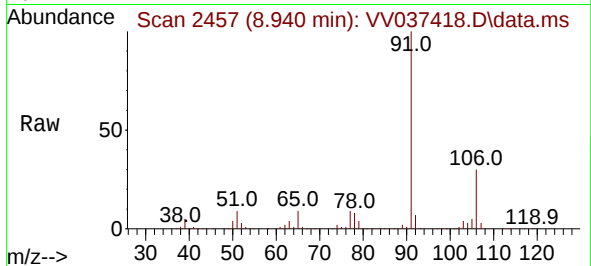
ClientSampleId :

Tgt Ion: 91 Resp: 579068

Ion Ratio Lower Upper

91 100

106 30.4 21.7 40.3



#53

m,p-Xylene

Concen: 5.345 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.003 min

Lab File: VV037418.D

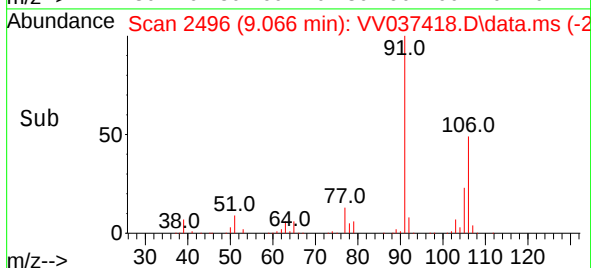
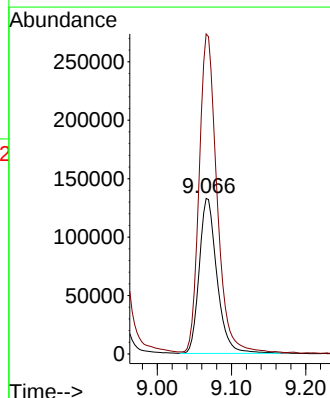
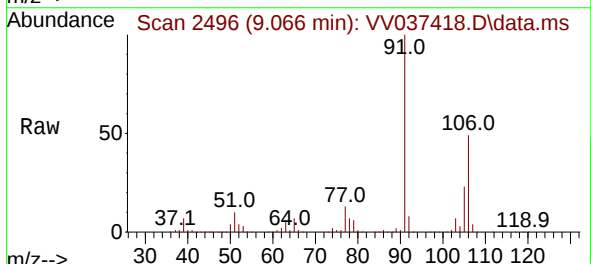
Acq: 20 Sep 2024 08:50

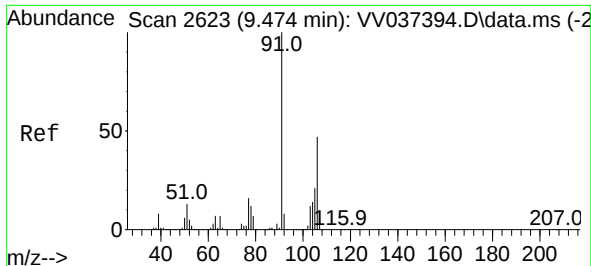
Tgt Ion:106 Resp: 220469

Ion Ratio Lower Upper

106 100

91 205.7 143.3 266.1





#54

o-Xylene

Concen: 5.270 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. -0.003 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

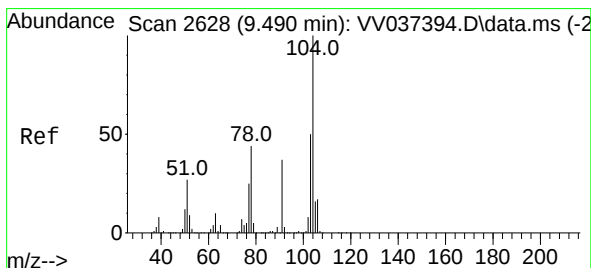
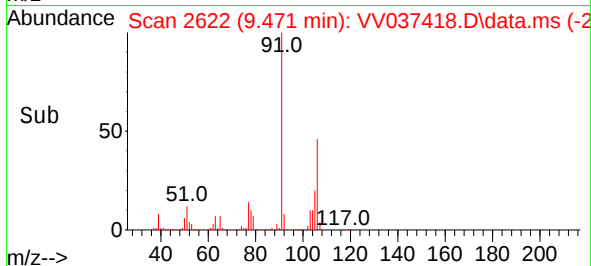
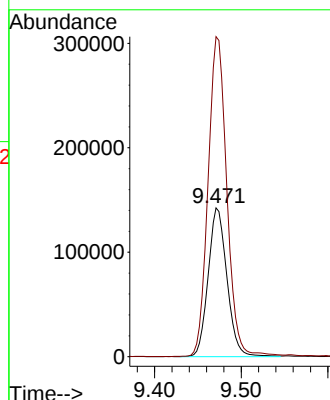
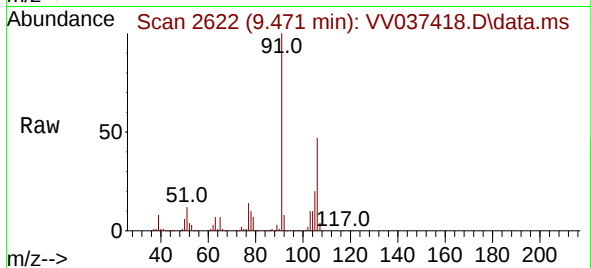
ClientSampleId :

Tgt Ion:106 Resp: 215213

Ion Ratio Lower Upper

106 100

91 215.0 151.8 282.0



#55

Styrene

Concen: 5.412 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV037418.D

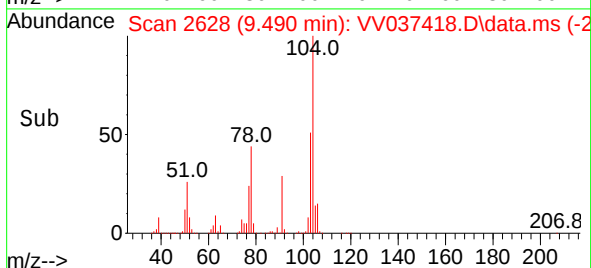
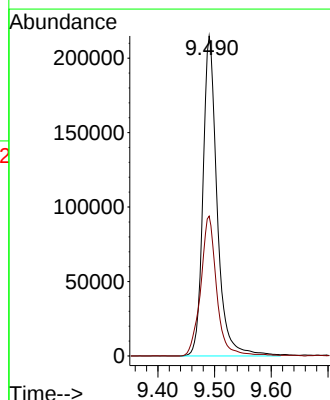
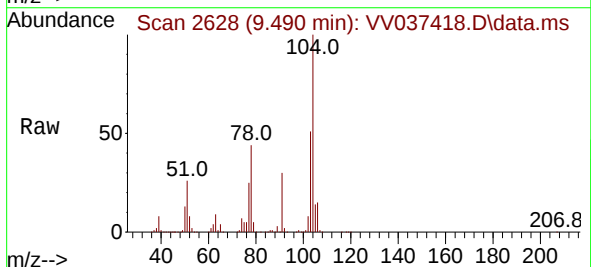
Acq: 20 Sep 2024 08:50

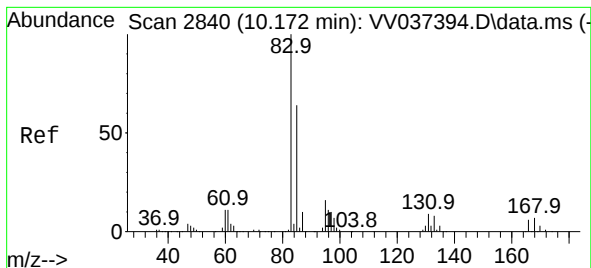
Tgt Ion:104 Resp: 374684

Ion Ratio Lower Upper

104 100

78 43.7 29.2 54.2

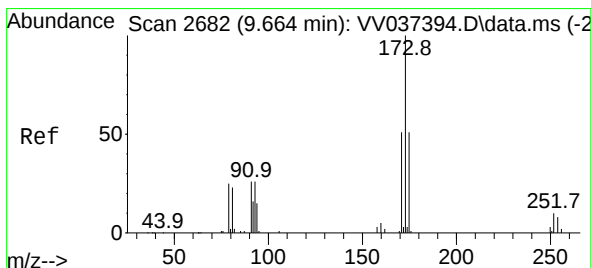
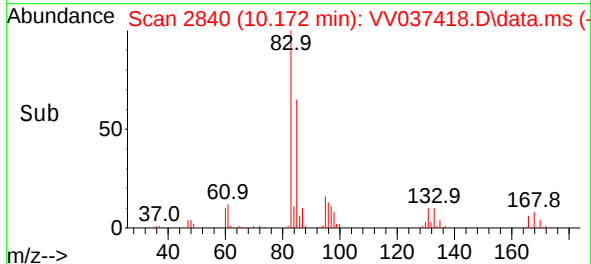
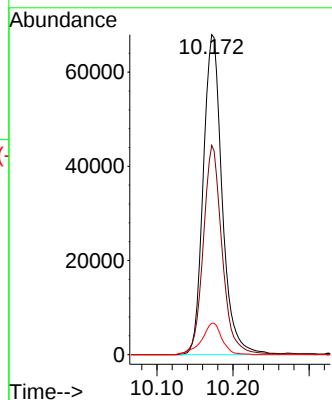
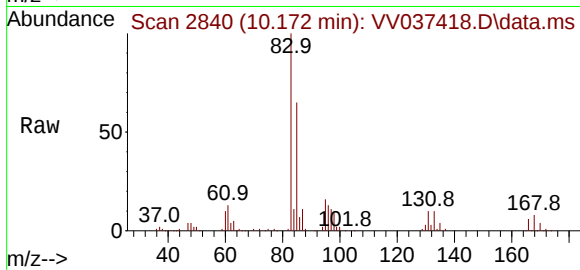




#57
1,1,2,2-Tetrachloroethane
Concen: 5.519 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

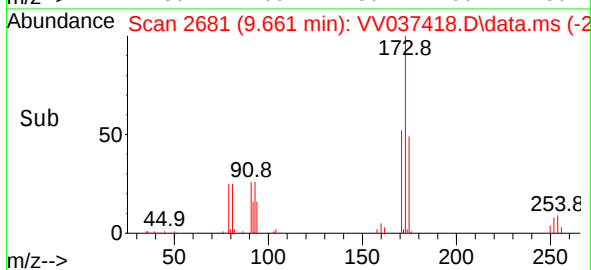
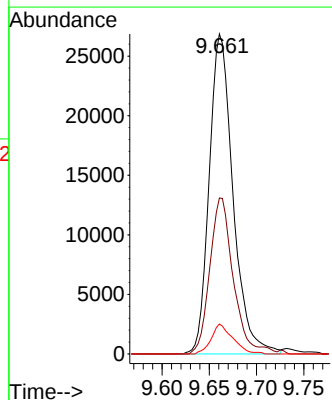
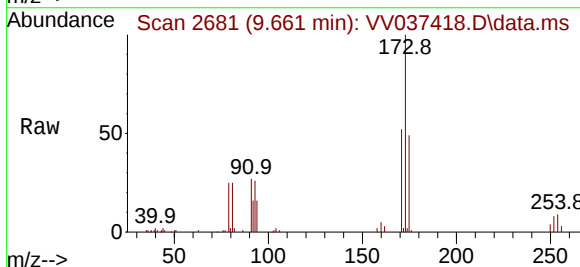
Instrument :
MSVOA_V
ClientSampleId :

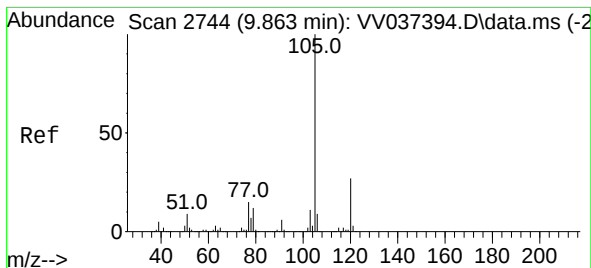
Tgt Ion: 83 Resp: 117229
Ion Ratio Lower Upper
83 100
85 65.4 43.2 80.2
131 9.8 6.9 10.3



#59
Bromoform
Concen: 4.768 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

Tgt Ion: 173 Resp: 47062
Ion Ratio Lower Upper
173 100
175 48.1 38.7 58.1
254 8.5 6.8 10.2





#60

Isopropylbenzene

Concen: 5.096 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

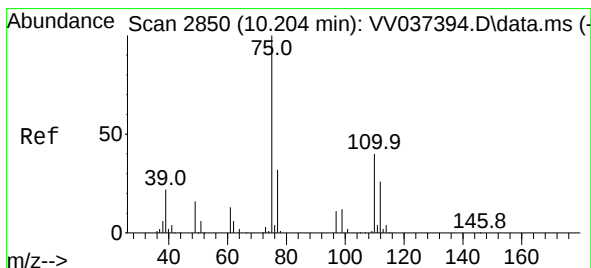
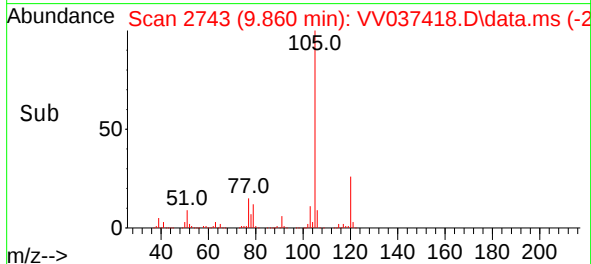
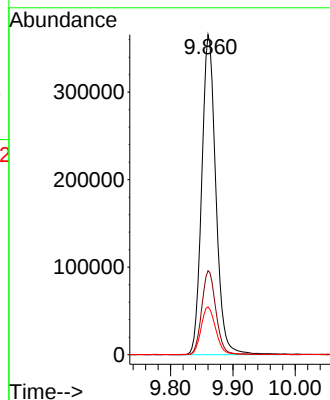
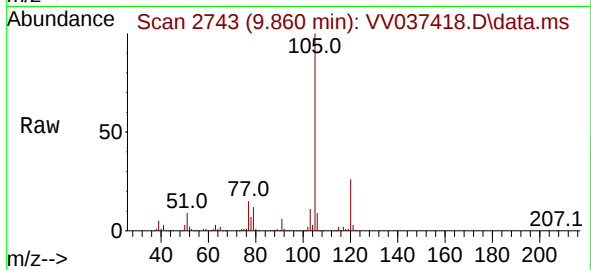
Tgt Ion:105 Resp: 575536

Ion Ratio Lower Upper

105 100

120 26.3 20.2 30.4

77 15.4 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 5.194 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

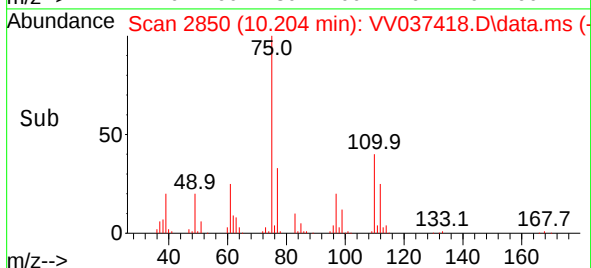
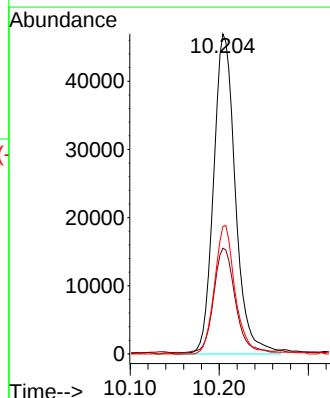
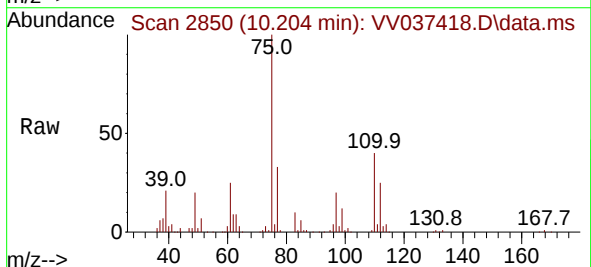
Tgt Ion: 75 Resp: 79742

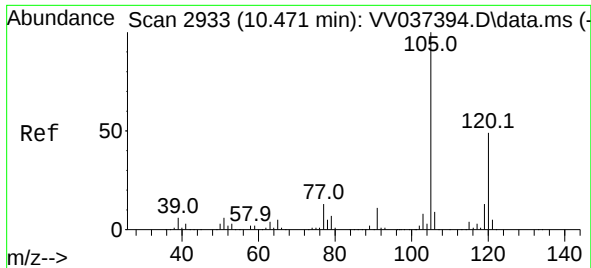
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

110 38.2 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 5.149 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

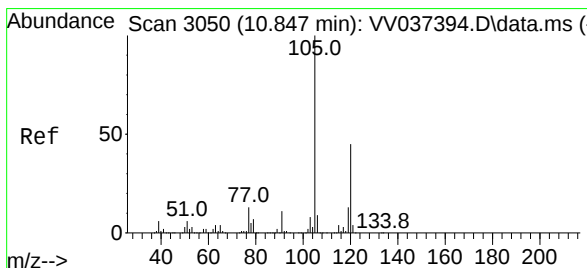
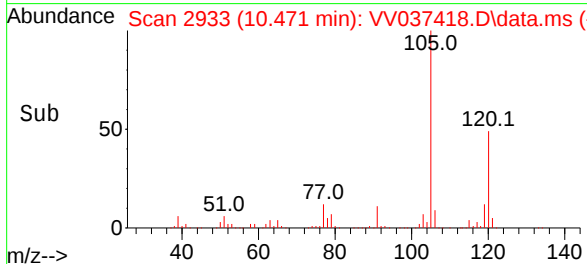
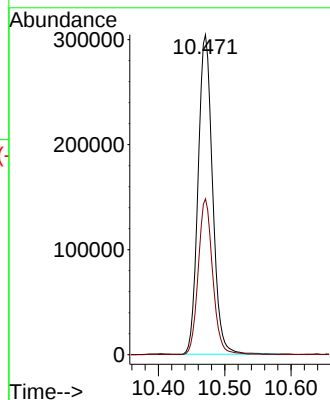
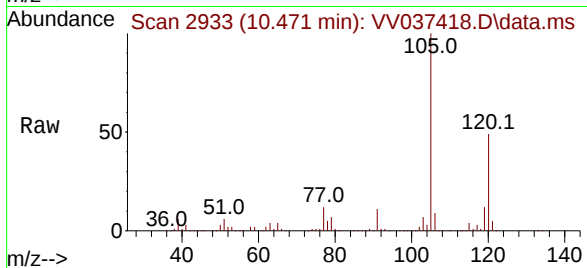
ClientSampleId :

Tgt Ion:105 Resp: 461113

Ion Ratio Lower Upper

105 100

120 48.6 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.110 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV037418.D

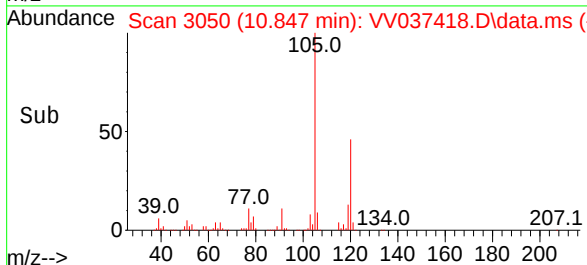
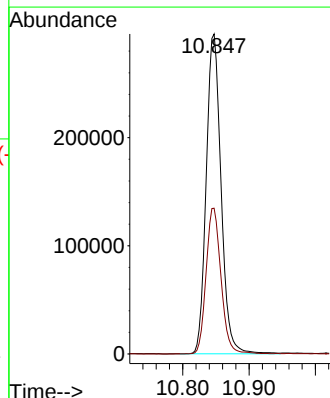
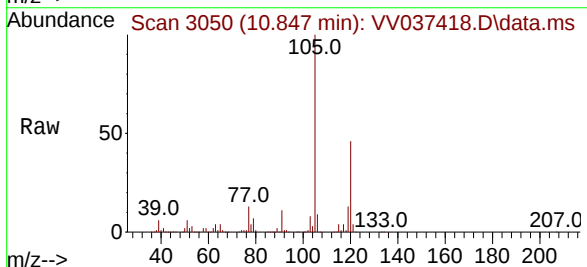
Acq: 20 Sep 2024 08:50

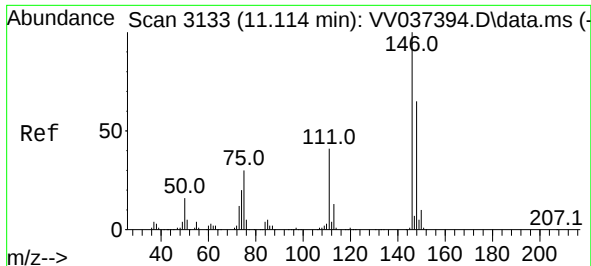
Tgt Ion:105 Resp: 459696

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.2

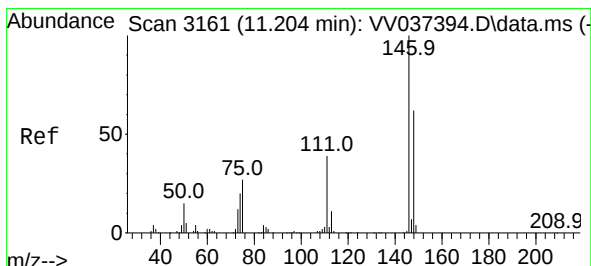
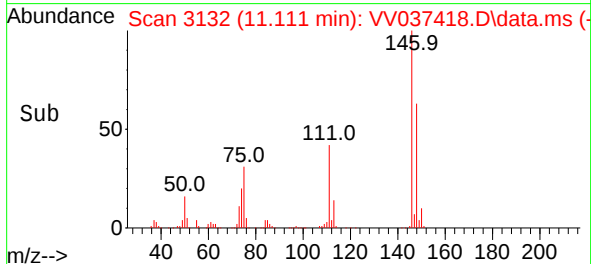
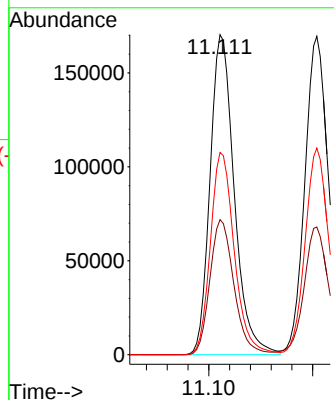
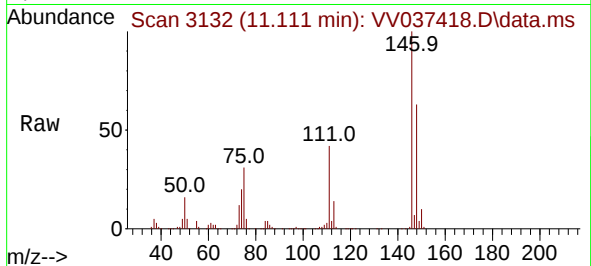




#64
1,3-Dichlorobenzene
Concen: 5.154 ug/L
RT: 11.111 min Scan# 3133
Delta R.T. -0.003 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

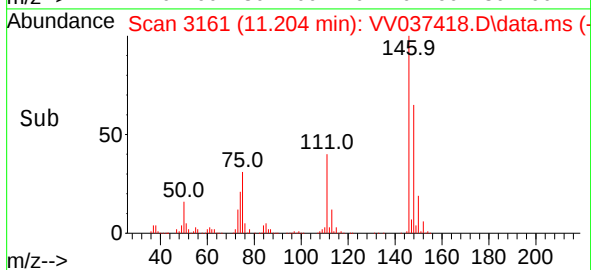
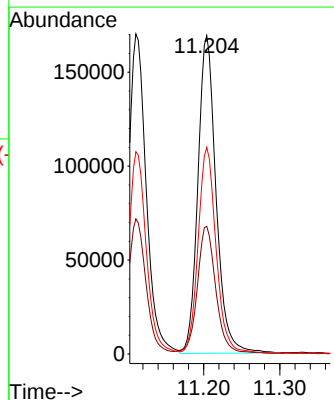
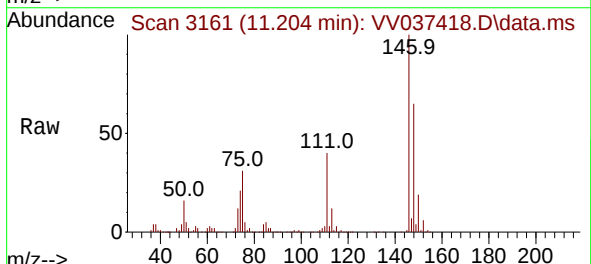
Instrument :
MSVOA_V
ClientSampleId :

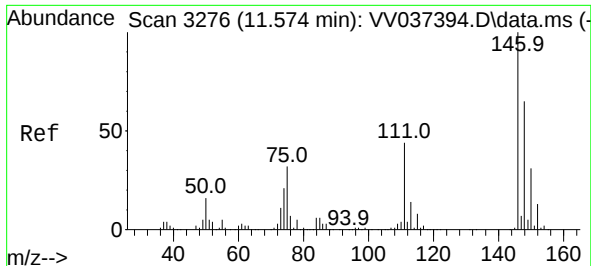
Tgt Ion:146 Resp: 275167
Ion Ratio Lower Upper
146 100
111 42.2 28.8 53.4
148 63.2 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.126 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV037418.D
Acq: 20 Sep 2024 08:50

Tgt Ion:146 Resp: 280641
Ion Ratio Lower Upper
146 100
111 40.1 28.2 52.4
148 64.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.157 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

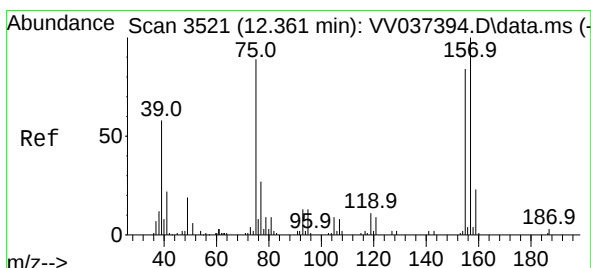
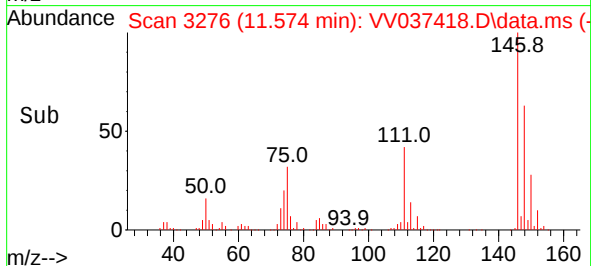
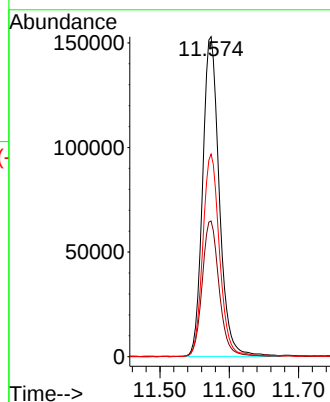
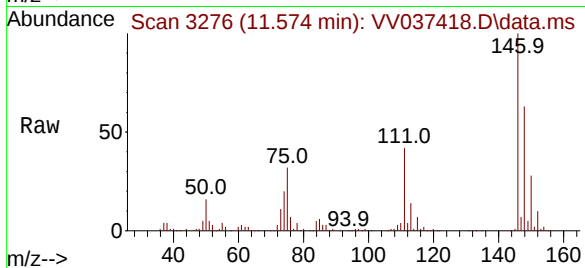
Tgt Ion:146 Resp: 255228

Ion Ratio Lower Upper

146 100

111 42.4 34.4 51.6

148 63.3 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.824 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

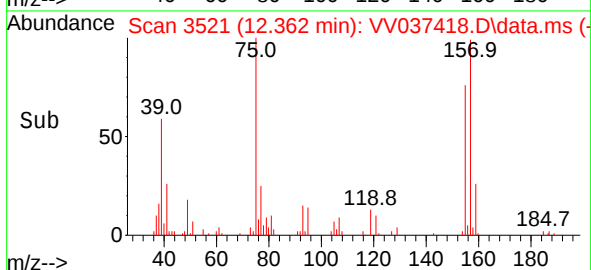
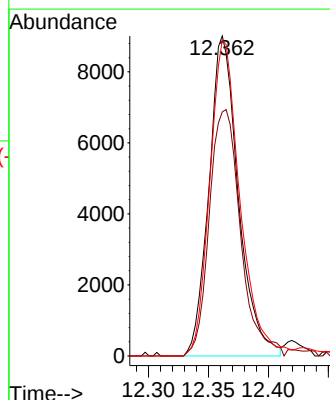
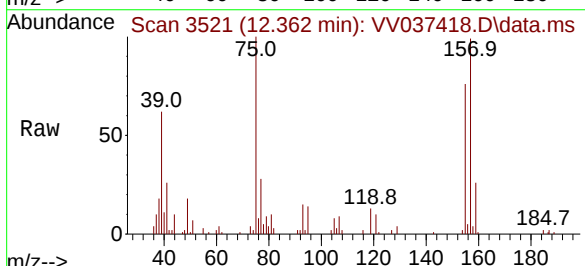
Tgt Ion: 75 Resp: 15359

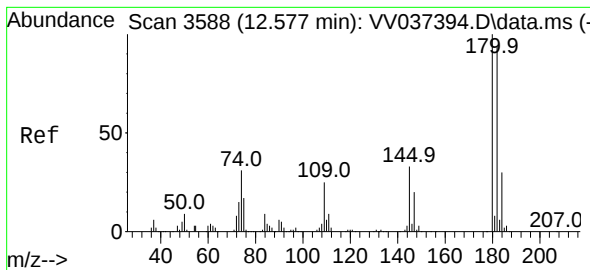
Ion Ratio Lower Upper

75 100

155 76.3 60.6 90.8

157 98.7 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 5.038 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 191814

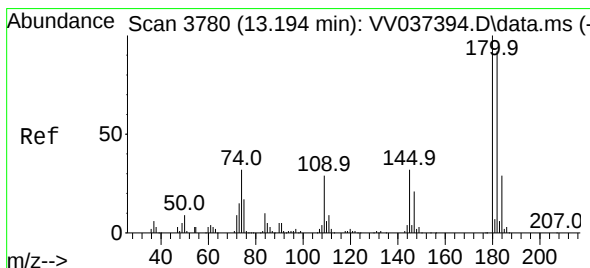
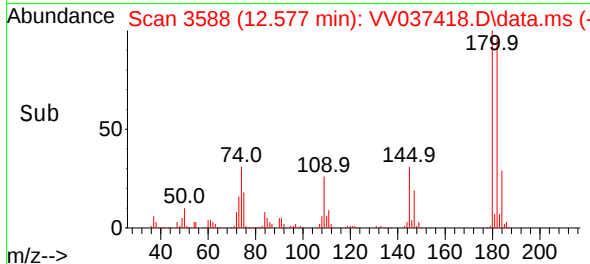
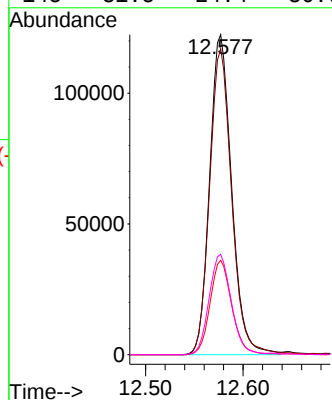
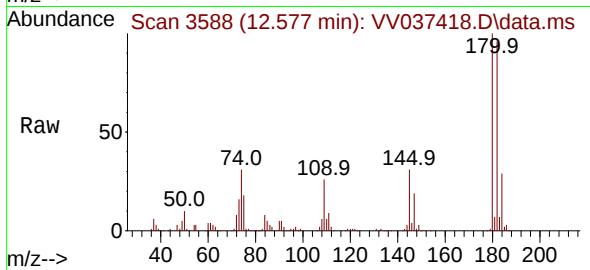
Ion Ratio Lower Upper

180 100

182 95.9 74.3 111.5

184 29.1 24.3 36.5

145 31.5 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 4.939 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

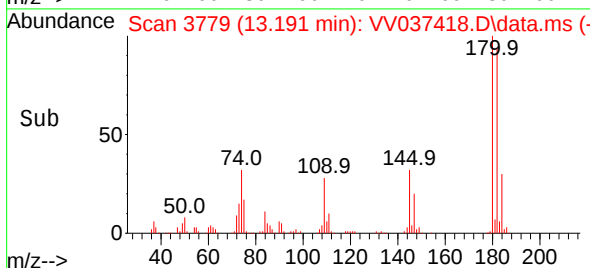
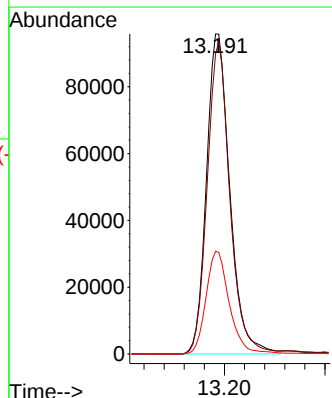
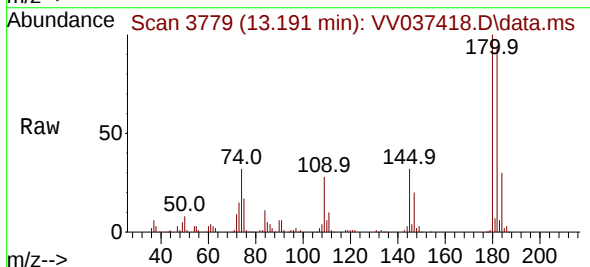
Tgt Ion:180 Resp: 154803

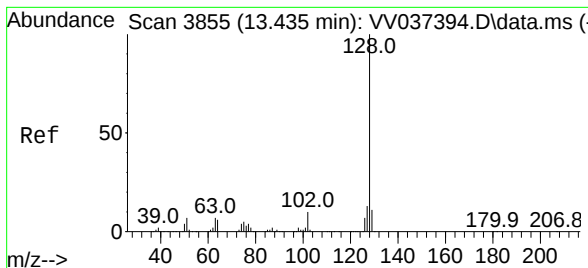
Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

145 32.2 25.8 38.6





#71

Naphthalene

Concen: 4.362 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

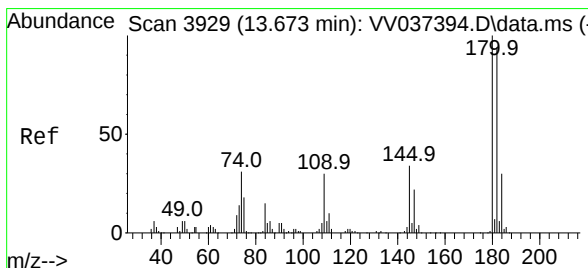
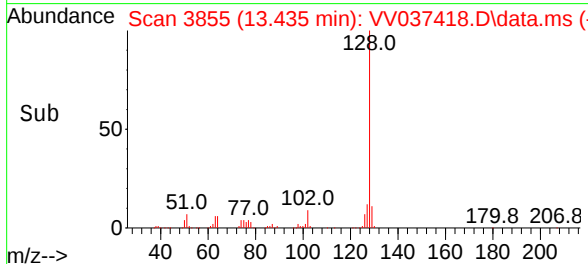
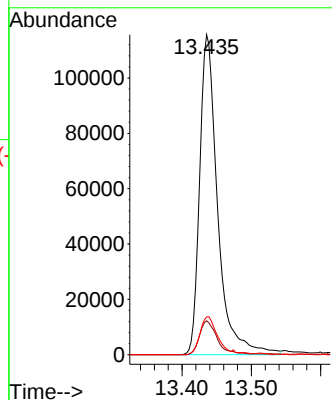
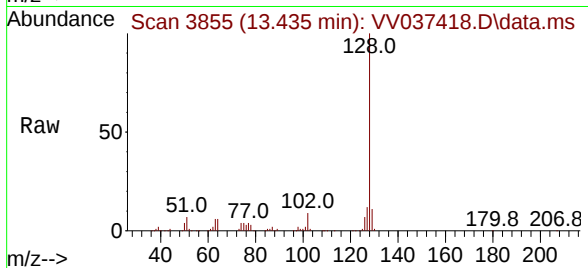
Tgt Ion:128 Resp: 208910

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 12.0 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.169 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037418.D

Acq: 20 Sep 2024 08:50

Tgt Ion:180 Resp: 134058

Ion Ratio Lower Upper

180 100

182 95.2 73.4 110.0

145 33.4 27.2 40.8

