

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037322.D
 Acq On : 18 Sep 2024 09:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:13:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 12 01:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	335061	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	339257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	176058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	73114	3.719	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.529	69	83079	4.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.053	65	39873	3.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.844	46	242249	41.236	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.480%
24) Chloroform-d	4.239	84	212433	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.937	65	100975	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	4.953	84	379641	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	5.982	67	122587	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.236	98	338489	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.551	79	39532	4.249	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.027	63	197338	43.408	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.820%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	102244	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	128302	4.099	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	154670	4.969	ug/L	100
3) Chloromethane	1.214	50	161080	4.850	ug/L	98
5) Vinyl chloride	1.278	62	160918	4.930	ug/L	99
6) Bromomethane	1.484	94	92589	4.729	ug/L	99
8) Chloroethane	1.545	64	97321	4.959	ug/L	99
9) Trichlorofluoromethane	1.709	101	206313	5.082	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	124116	5.048	ug/L	98
12) 1,1-Dichloroethene	2.063	96	116395	4.957	ug/L	96
13) Acetone	2.182	43	64195	15.694	ug/L	85
14) Carbon disulfide	2.233	76	355353	4.800	ug/L	100
15) Methyl Acetate	2.394	43	54380	5.804	ug/L #	82
16) Methylene chloride	2.439	84	129850	4.810	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	273267	4.896	ug/L	99
18) trans-1,2-Dichloroethene	2.686	96	123727	5.008	ug/L	98
19) 1,1-Dichloroethane	3.104	63	234502	4.971	ug/L	99
21) 2-Butanone	3.915	43	267940	43.099	ug/L	76
22) cis-1,2-Dichloroethene	3.809	96	131391	4.920	ug/L	98
23) Bromochloromethane	4.140	128	59721	5.164	ug/L	99
25) Chloroform	4.265	83	237884	5.006	ug/L	99

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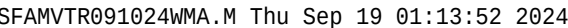
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 MSVOA_V
 ClientSampleId :

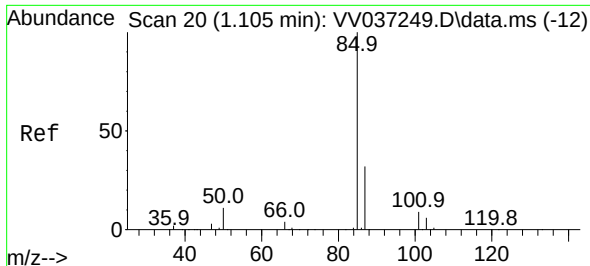
Quant Time: Sep 19 01:13:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 12 01:56:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	140404	5.221	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	201559	5.010	ug/L	99
30) Cyclohexane	4.571	56	185540	4.754	ug/L	98
31) Carbon tetrachloride	4.722	117	170253	4.972	ug/L	99
33) Benzene	5.001	78	511284	5.002	ug/L	100
34) Trichloroethene	5.825	95	135591	4.922	ug/L	98
35) Methylcyclohexane	6.040	83	202695	4.841	ug/L	99
37) 1,2-Dichloropropane	6.085	63	125126	4.811	ug/L	99
38) Bromodichloromethane	6.426	83	161761	4.968	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	177602	4.715	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	729328	48.984	ug/L	97
42) Toluene	7.307	91	538757	5.067	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	144639	4.758	ug/L	96
45) 1,1,2-Trichloroethane	7.763	97	97242	5.224	ug/L	98
47) Tetrachloroethene	7.898	164	98431	4.993	ug/L	99
48) 2-Hexanone	8.075	43	499913	45.937	ug/L	100
49) Dibromochloromethane	8.169	129	99457	5.100	ug/L	99
50) 1,2-Dibromoethane	8.278	107	90095	5.123	ug/L	95
51) Chlorobenzene	8.808	112	345803	4.884	ug/L	98
52) Ethylbenzene	8.940	91	574897	4.844	ug/L	99
53) m,p-Xylene	9.066	106	220734	5.055	ug/L	99
54) o-Xylene	9.471	106	212060	4.906	ug/L	99
55) Styrene	9.490	104	372332	5.081	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	114109	5.075	ug/L	97
59) Bromoform	9.660	173	50363	4.890	ug/L	100
60) Isopropylbenzene	9.860	105	571110	4.846	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	76796	4.794	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	450110	4.817	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	458122	4.881	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	272312	4.888	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	274303	4.801	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	250948	4.859	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	15409	4.638	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	188784	4.752	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	146383	4.476	ug/L	99
71) Naphthalene	13.435	128	190964	3.821	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	124800	4.612	ug/L	97

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

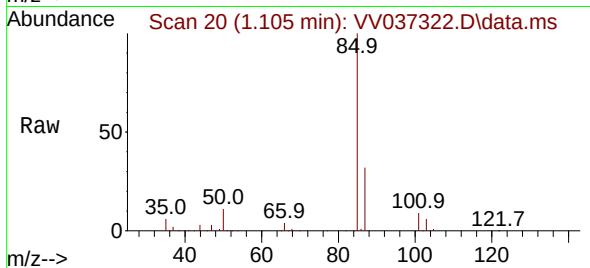
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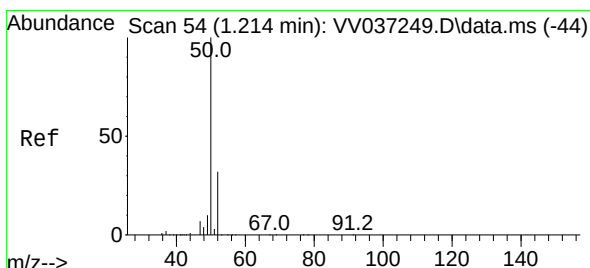
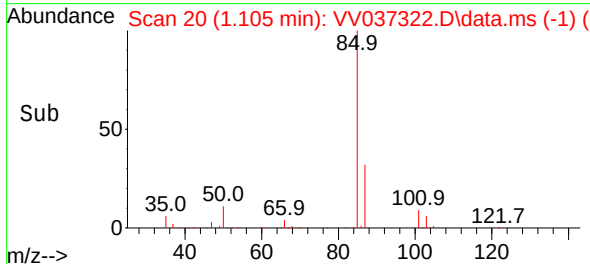
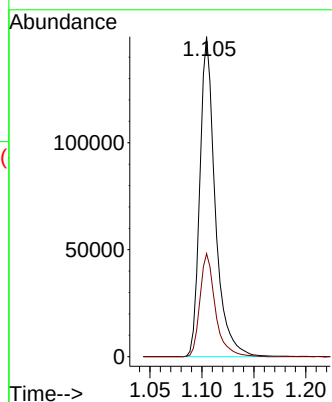


#2
 Dichlorodifluoromethane
 Concen: 4.969 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV037322.D
 Acq: 18 Sep 2024 09:15

Instrument :
 MSVOA_V
 ClientSampleId :

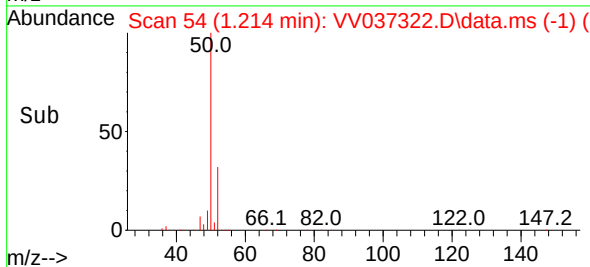
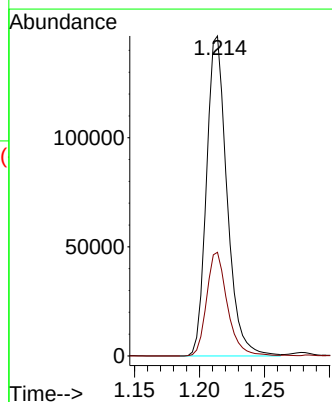
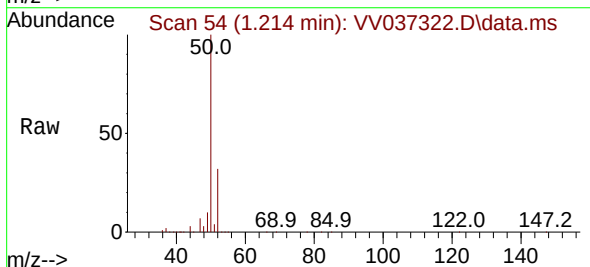


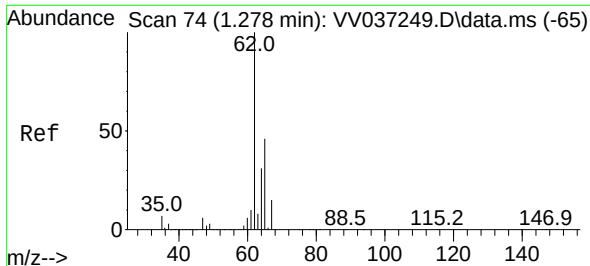
Tgt Ion: 85 Resp: 154670
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.8



#3
 Chloromethane
 Concen: 4.850 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV037322.D
 Acq: 18 Sep 2024 09:15

Tgt Ion: 50 Resp: 161080
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.3 43.3



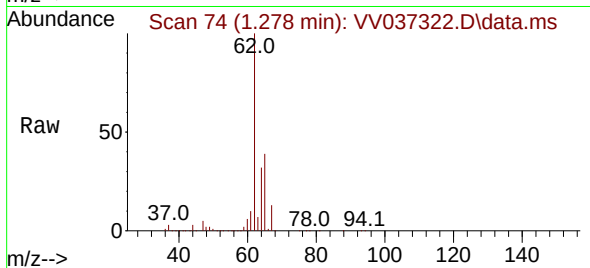


#5
 Vinyl chloride
 Concen: 4.930 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV037322.D
 Acq: 18 Sep 2024 09:15

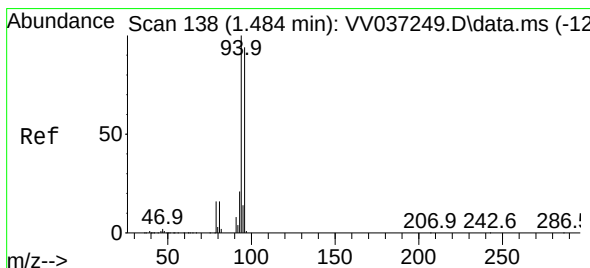
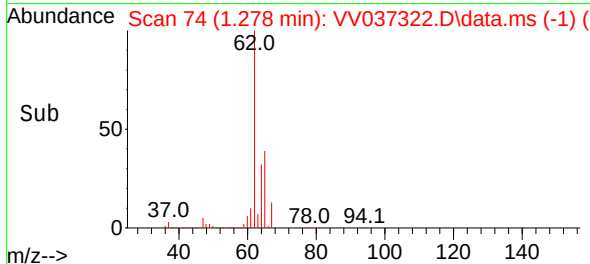
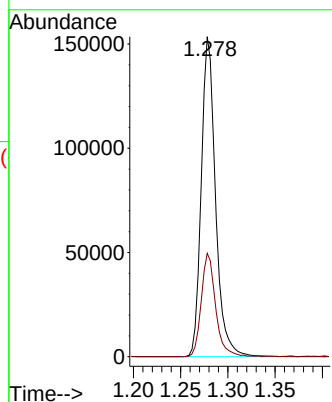
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ClientSampleId :

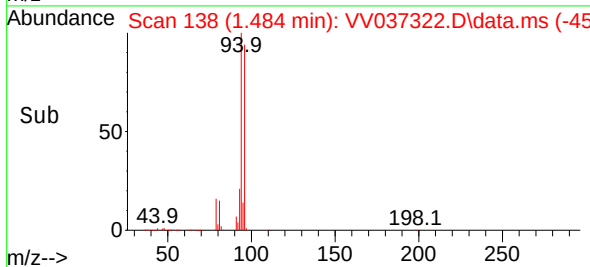
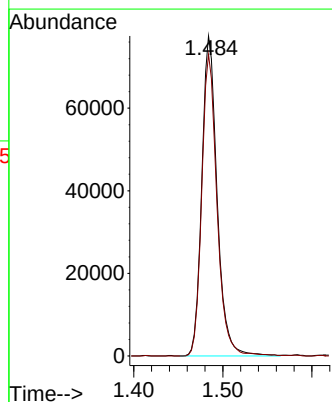
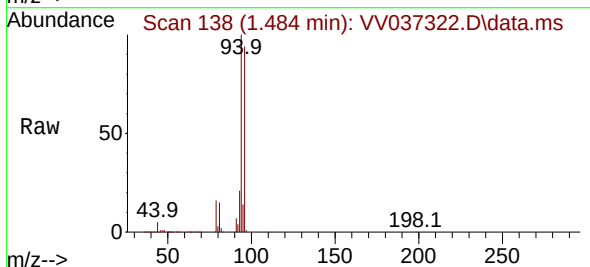


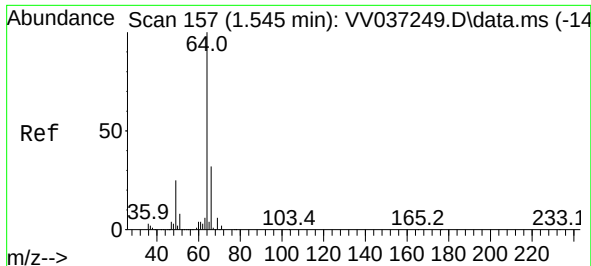
Tgt Ion: 62 Resp: 160918
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.4 41.6



#6
 Bromomethane
 Concen: 4.729 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV037322.D
 Acq: 18 Sep 2024 09:15

Tgt Ion: 94 Resp: 92589
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.3 121.3

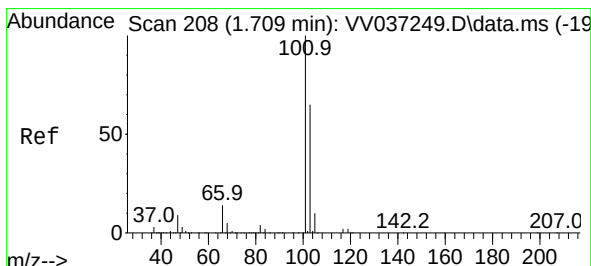
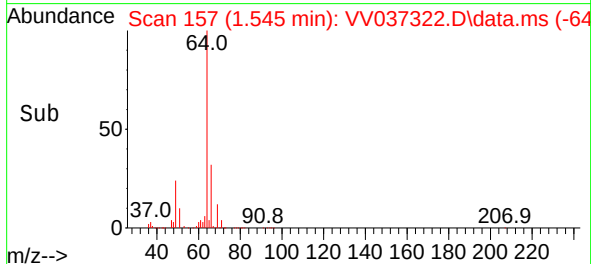
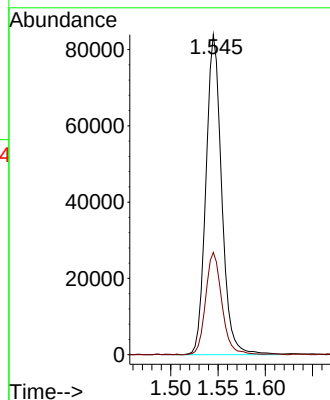
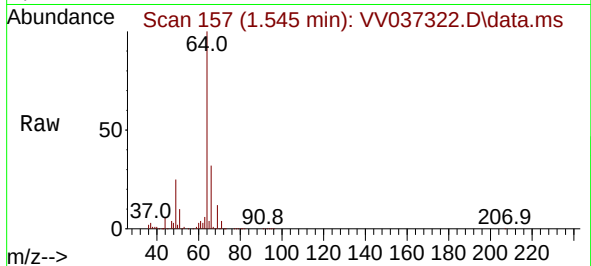




#8
Chloroethane
Concen: 4.959 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

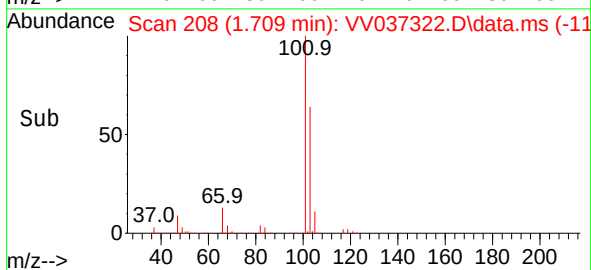
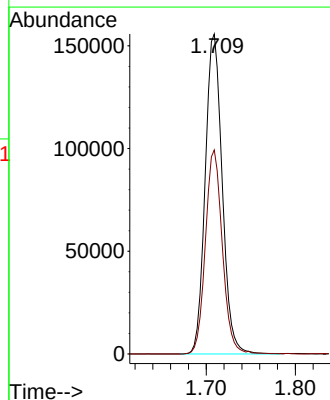
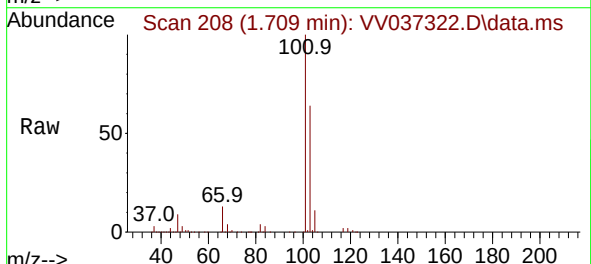
Instrument :
MSVOA_V
ClientSampleId :

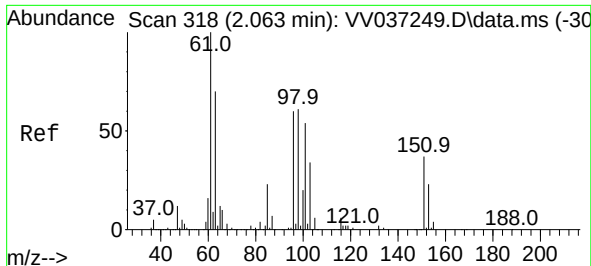
Tgt Ion: 64 Resp: 97321
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.082 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

Tgt Ion:101 Resp: 206313
Ion Ratio Lower Upper
101 100
103 63.6 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.048 ug/L

RT: 2.059 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Instrument :

MSVOA_V

ClientSampleId :

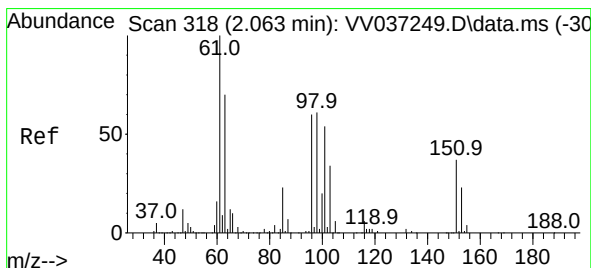
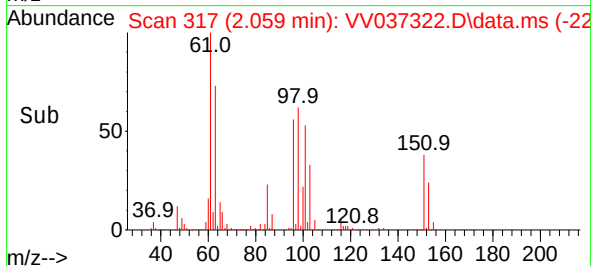
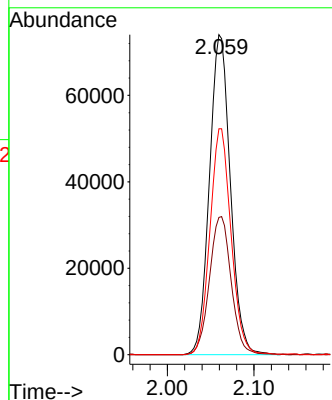
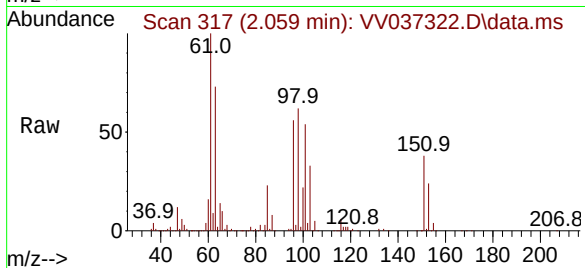
Tgt Ion:101 Resp: 124116

Ion Ratio Lower Upper

101 100

85 44.9 35.1 52.7

151 71.3 55.3 82.9



#12

1,1-Dichloroethene

Concen: 4.957 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

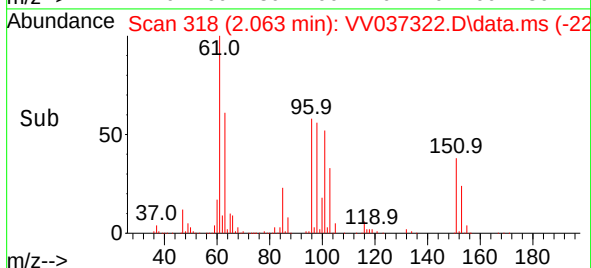
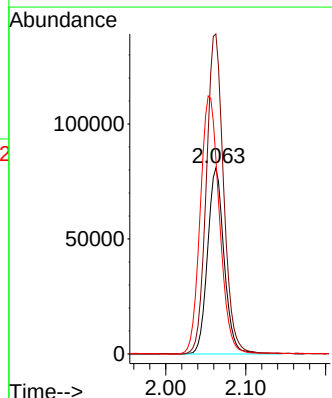
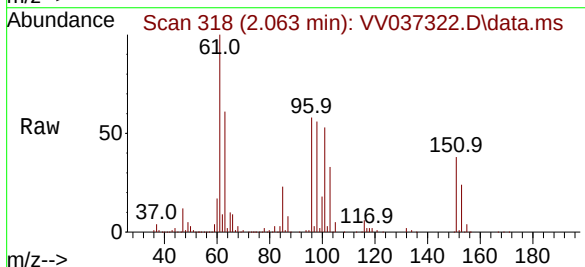
Tgt Ion: 96 Resp: 116395

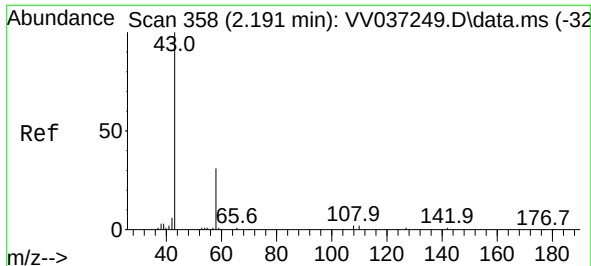
Ion Ratio Lower Upper

96 100

61 172.1 119.9 222.7

63 105.1 81.4 151.2

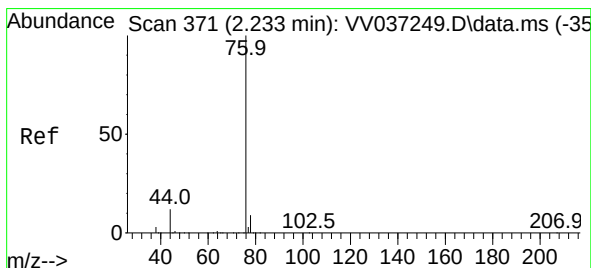
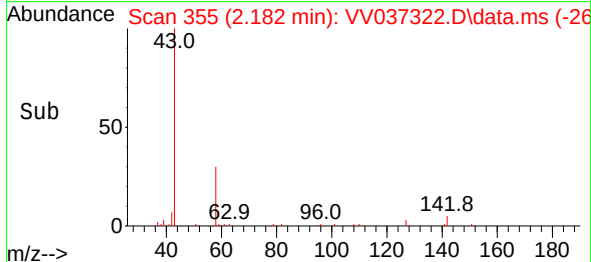
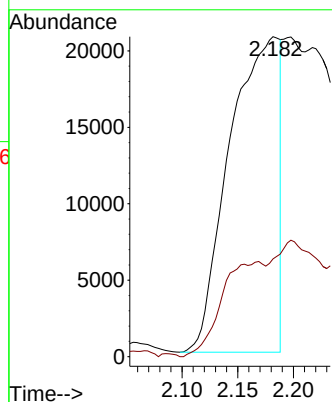
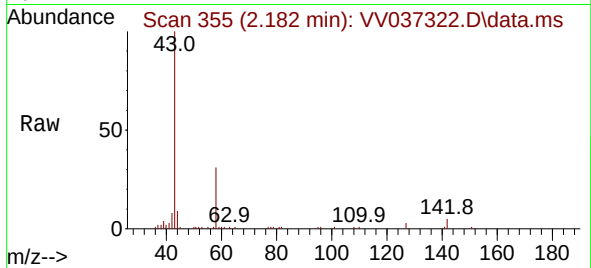




#13
Acetone
Concen: 15.694 ug/L
RT: 2.182 min Scan# 358
Delta R.T. -0.010 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

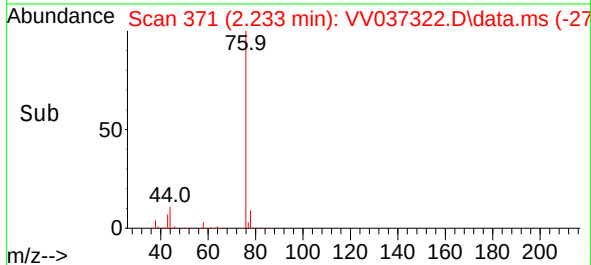
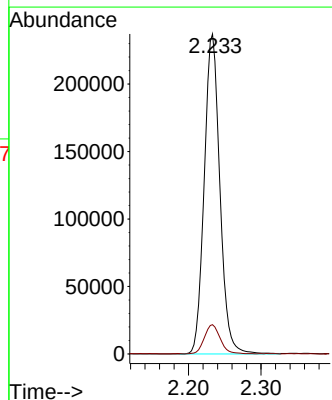
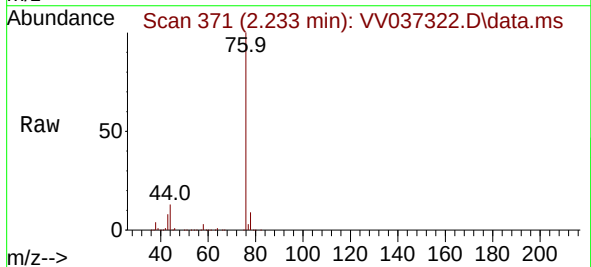
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ClientSampleId :

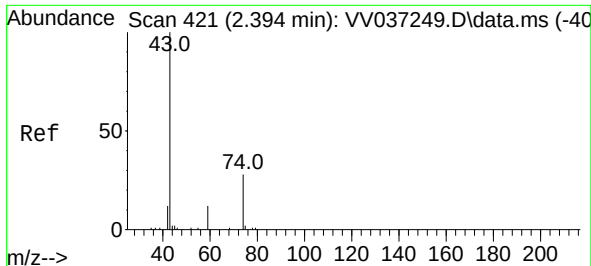
Tgt Ion: 43 Resp: 64195
Ion Ratio Lower Upper
43 100
58 26.1 0.0 69.2



#14
Carbon disulfide
Concen: 4.800 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

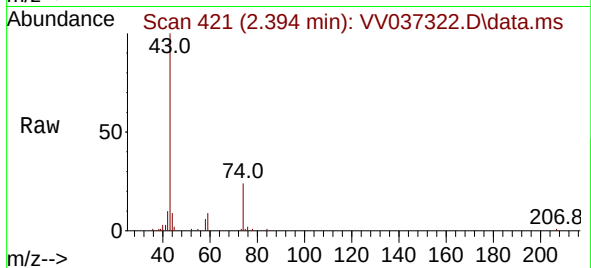
Tgt Ion: 76 Resp: 355353
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



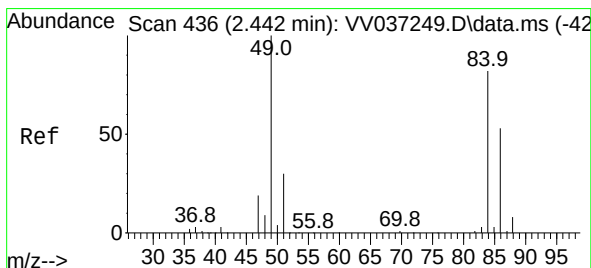
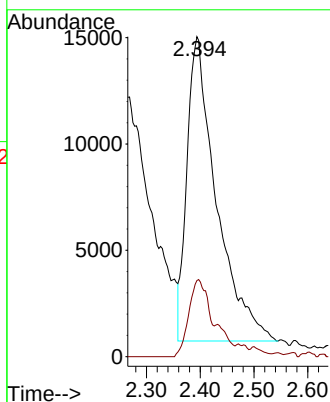
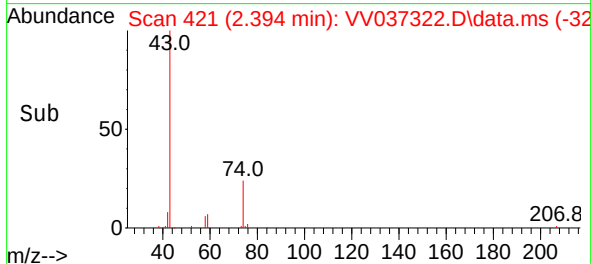


#15
Methyl Acetate
Concen: 5.804 ug/L
RT: 2.394 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

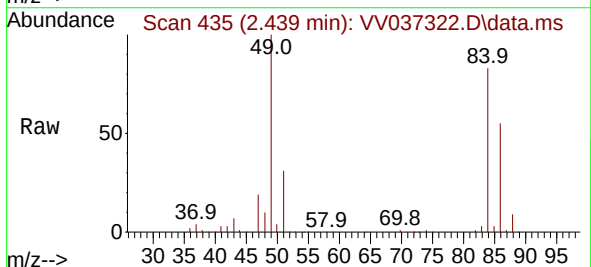
Instrument :
MSVOA_V
ClientSampleId :



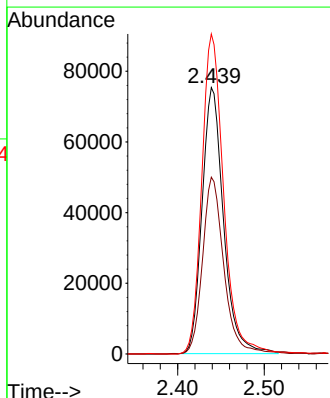
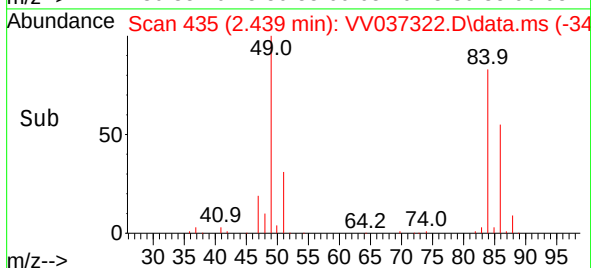
Tgt Ion: 43 Resp: 54380
Ion Ratio Lower Upper
43 100
74 17.0 21.0 31.4#

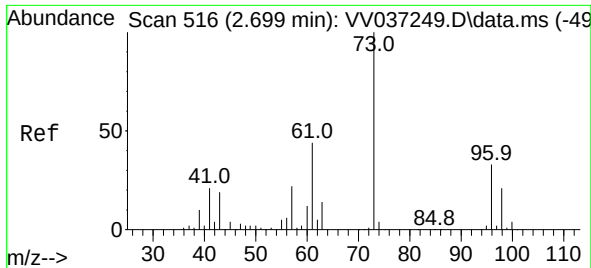


#16
Methylene chloride
Concen: 4.810 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15



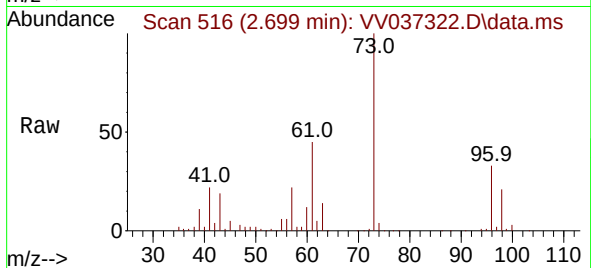
Tgt Ion: 84 Resp: 129850
Ion Ratio Lower Upper
84 100
86 66.3 44.0 81.8
49 120.1 83.0 154.1



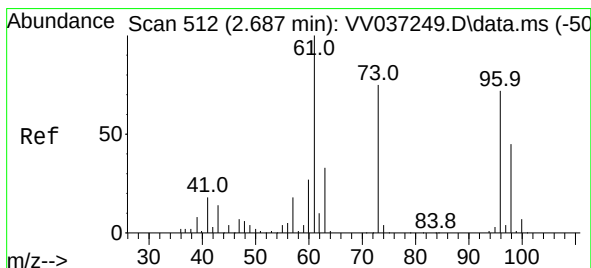
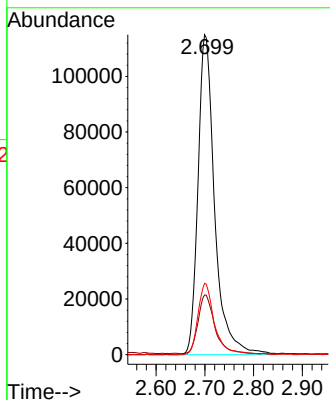
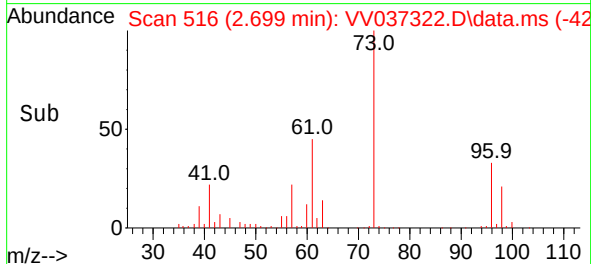


#17
Methyl tert-butyl Ether
Concen: 4.896 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

Instrument :
MSVOA_V
ClientSampleId :

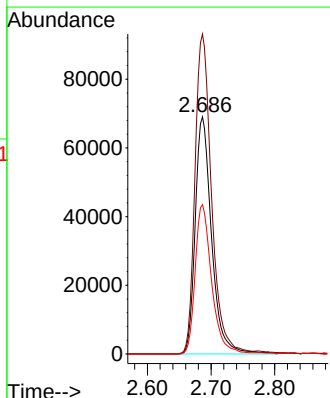
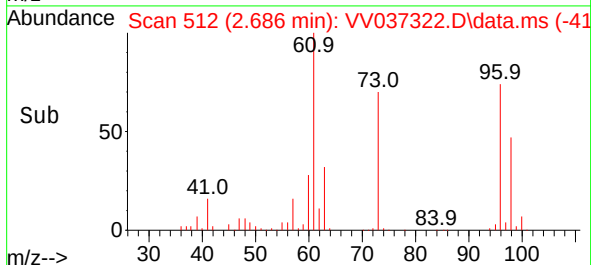
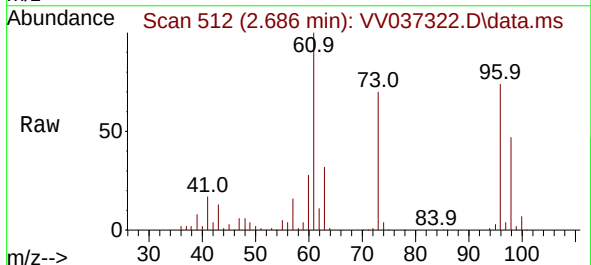


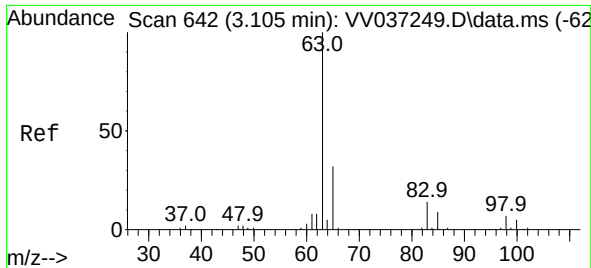
Tgt Ion: 73 Resp: 273267
Ion Ratio Lower Upper
73 100
43 18.6 14.5 21.7
57 21.9 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 5.008 ug/L
RT: 2.686 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

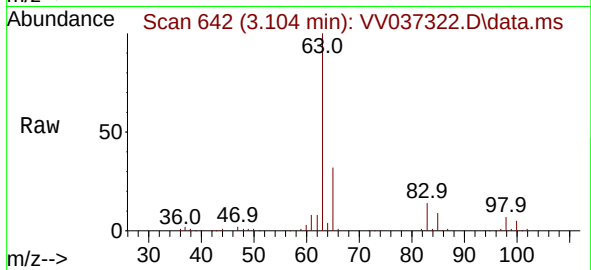
Tgt Ion: 96 Resp: 123727
Ion Ratio Lower Upper
96 100
61 134.9 92.8 172.4
98 62.9 43.0 79.8



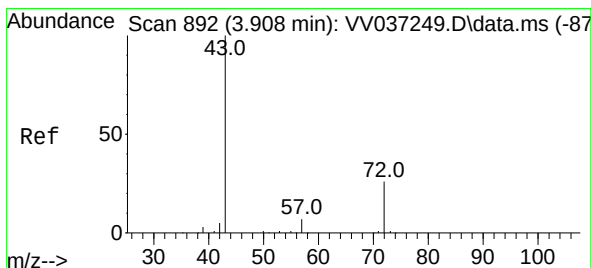
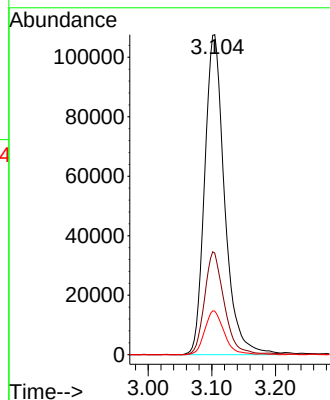
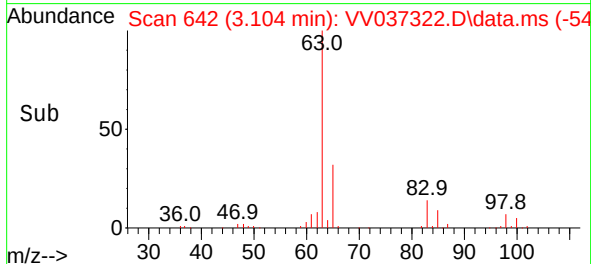


#19
1,1-Dichloroethane
Concen: 4.971 ug/L
RT: 3.104 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

Instrument :
MSVOA_V
ClientSampleId :

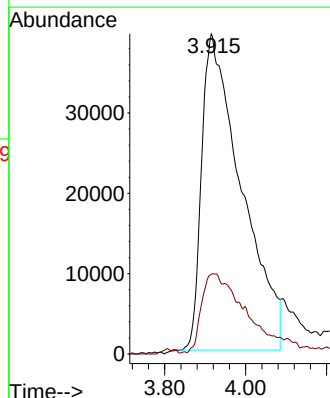
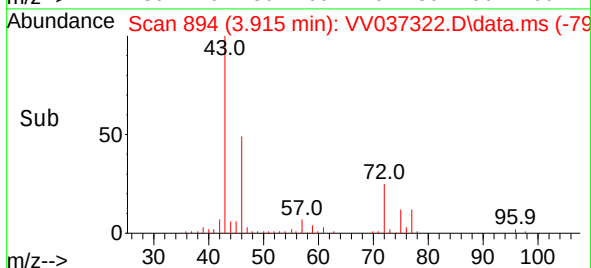
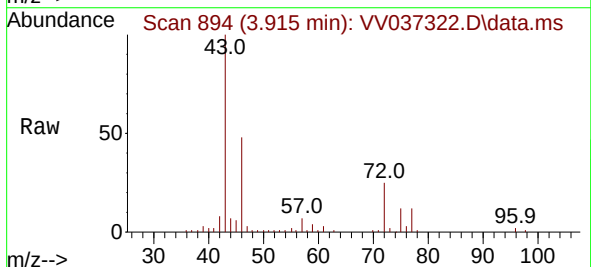


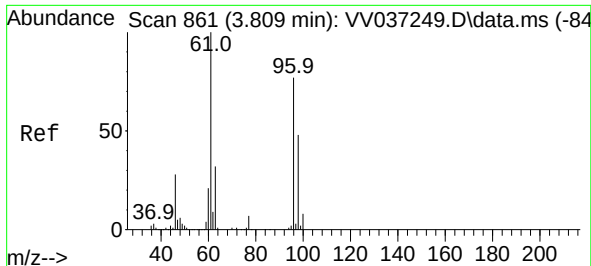
Tgt Ion: 63 Resp: 234502
Ion Ratio Lower Upper
63 100
65 31.7 22.5 41.7
83 13.6 8.9 16.5



#21
2-Butanone
Concen: 43.099 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

Tgt Ion: 43 Resp: 267940
Ion Ratio Lower Upper
43 100
72 12.4 12.2 36.6





#22

cis-1,2-Dichloroethene

Concen: 4.920 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.000 min

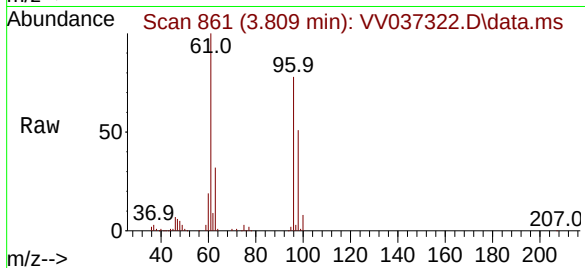
Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Instrument :

MSVOA_V

ClientSampleId :



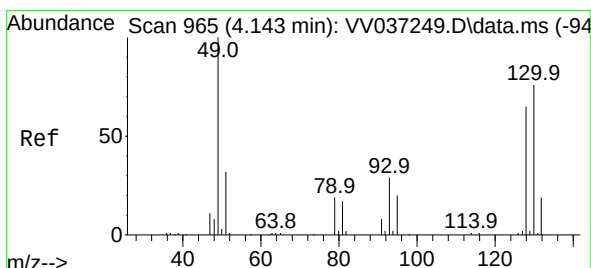
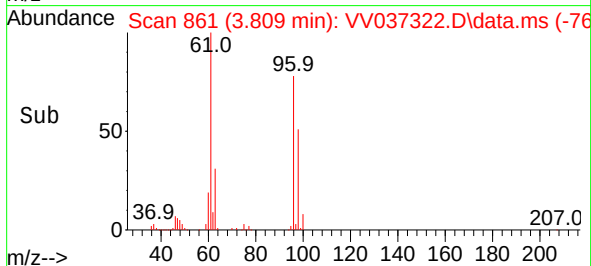
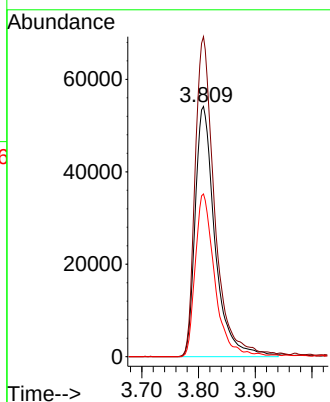
Tgt Ion: 96 Resp: 131391

Ion Ratio Lower Upper

96 100

61 127.9 87.6 162.6

98 65.1 44.9 83.5



#23

Bromochloromethane

Concen: 5.164 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Tgt Ion:128 Resp: 59721

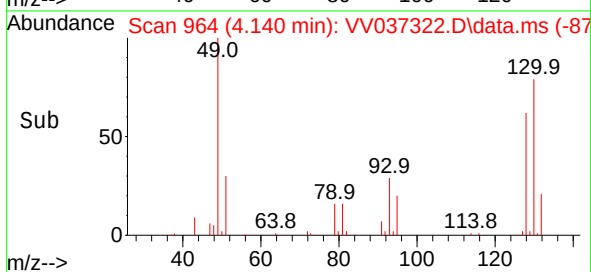
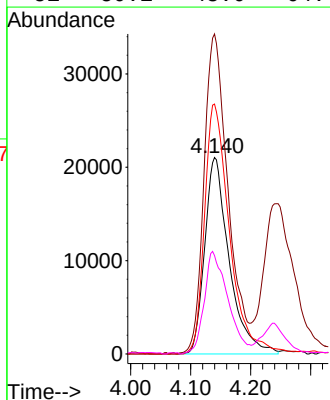
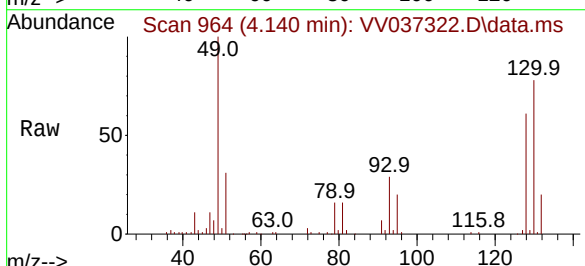
Ion Ratio Lower Upper

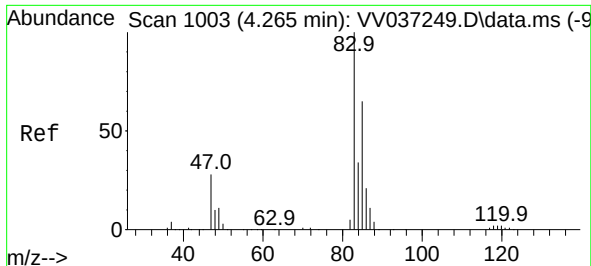
128 100

49 162.9 114.0 211.8

130 127.3 89.3 165.9

51 50.1 43.0 64.4





#25

Chloroform

Concen: 5.006 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Instrument :

MSVOA_V

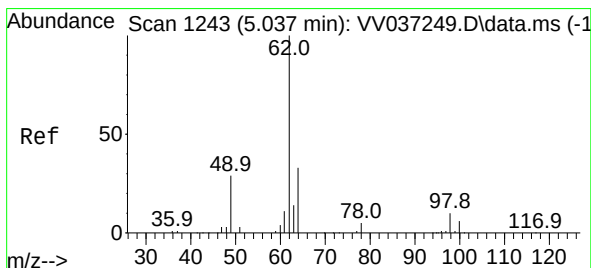
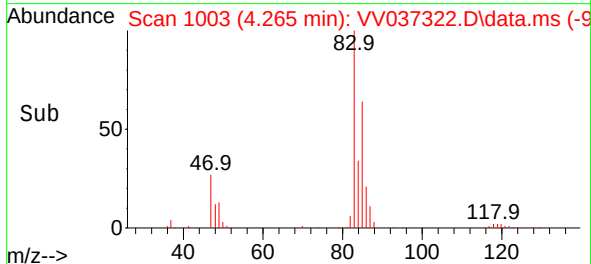
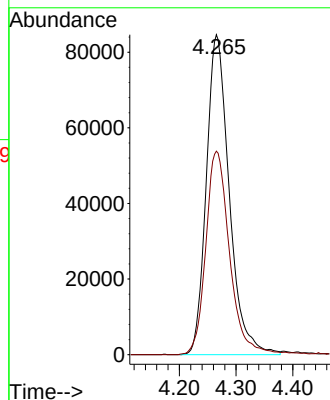
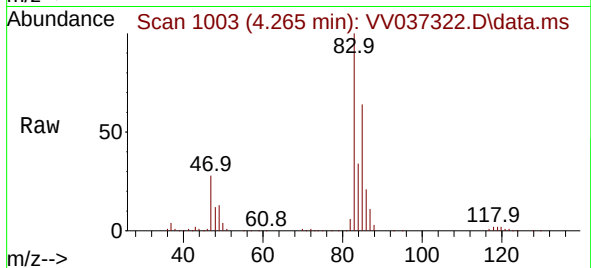
ClientSampleId :

Tgt Ion: 83 Resp: 237884

Ion Ratio Lower Upper

83 100

85 63.6 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.221 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV037322.D

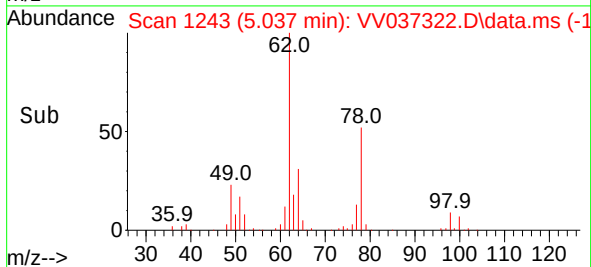
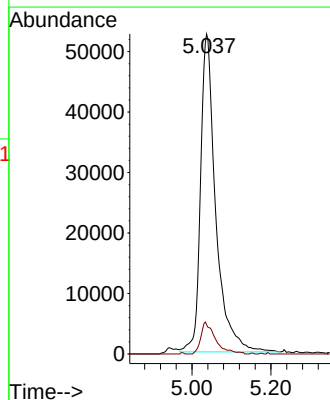
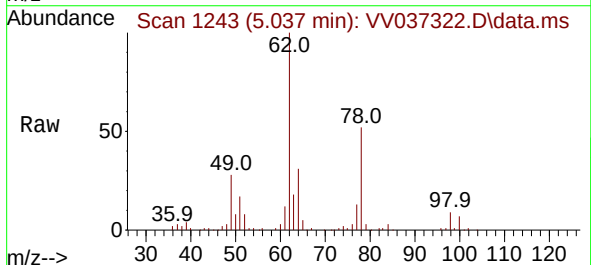
Acq: 18 Sep 2024 09:15

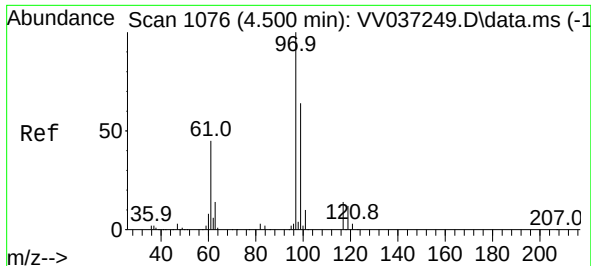
Tgt Ion: 62 Resp: 140404

Ion Ratio Lower Upper

62 100

98 9.1 8.2 12.4

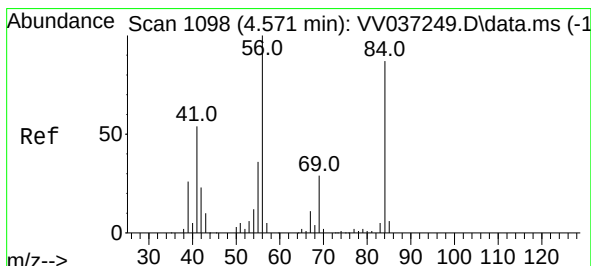
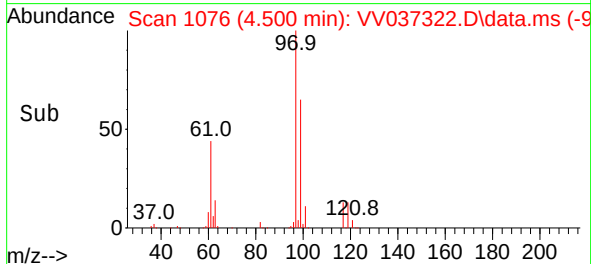
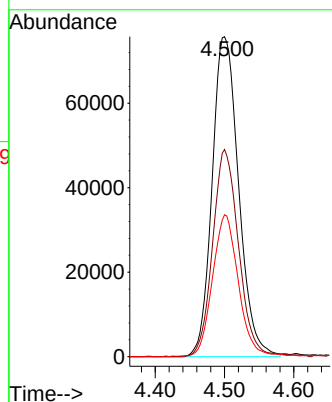
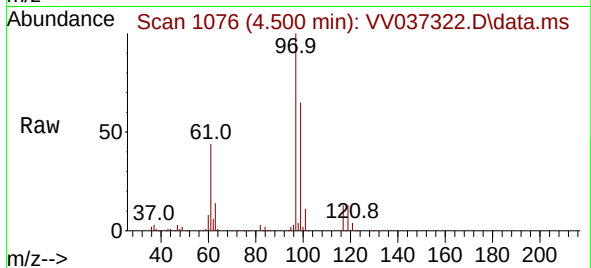




#29
1,1,1-Trichloroethane
Concen: 5.010 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

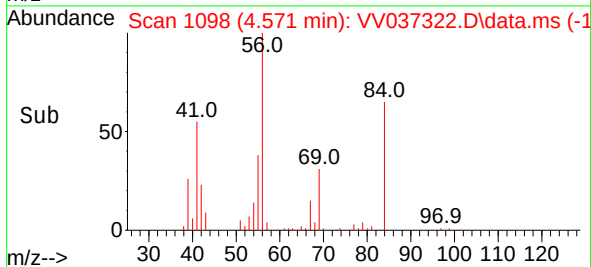
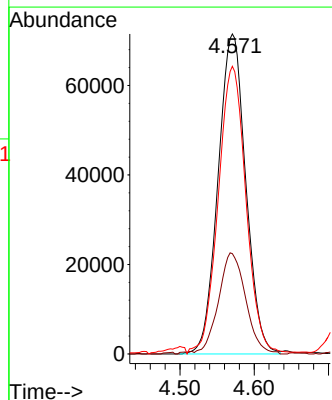
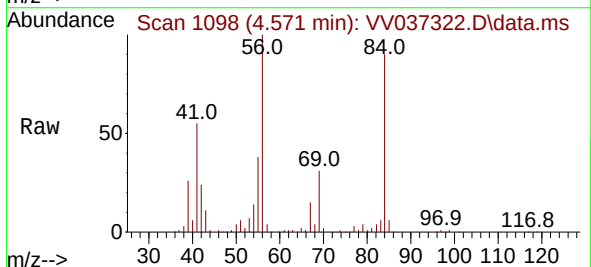
Instrument :
MSVOA_V
ClientSampleId :

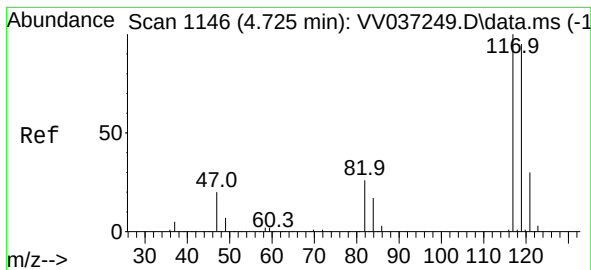
Tgt Ion: 97 Resp: 201559
Ion Ratio Lower Upper
97 100
99 63.4 50.0 75.0
61 42.8 34.3 51.5



#30
Cyclohexane
Concen: 4.754 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

Tgt Ion: 56 Resp: 185540
Ion Ratio Lower Upper
56 100
69 31.3 24.1 36.1
84 90.1 73.1 109.7





#31

Carbon tetrachloride

Concen: 4.972 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Instrument :

MSVOA_V

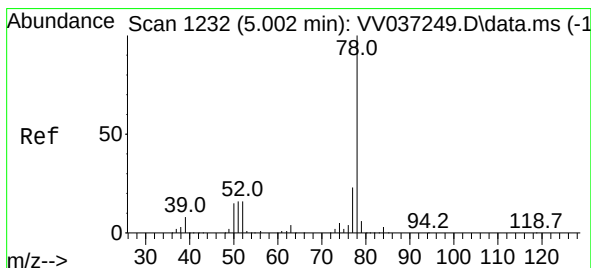
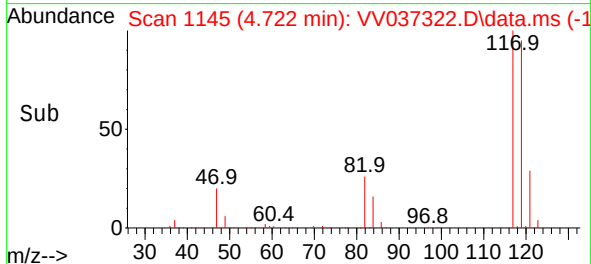
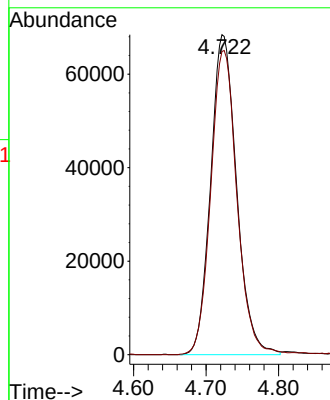
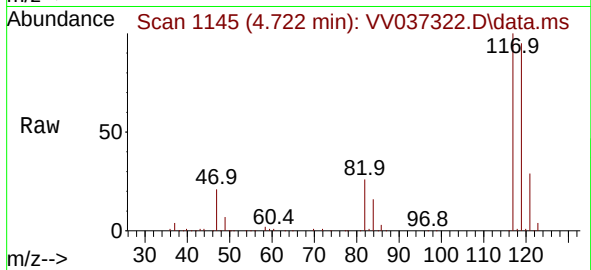
ClientSampleId :

Tgt Ion:117 Resp: 170253

Ion Ratio Lower Upper

117 100

119 96.0 76.2 114.4



#33

Benzene

Concen: 5.002 ug/L

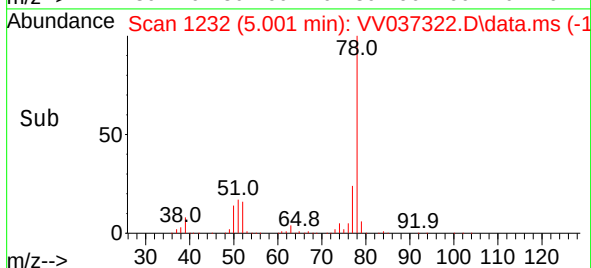
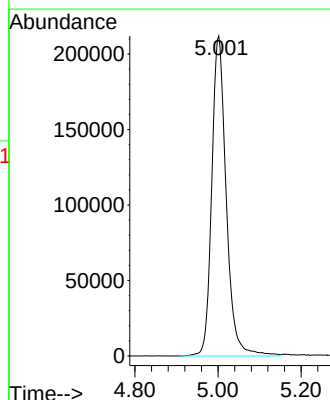
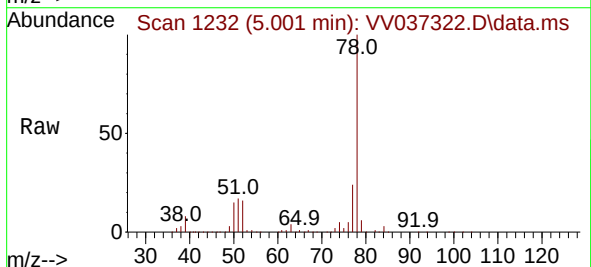
RT: 5.001 min Scan# 1232

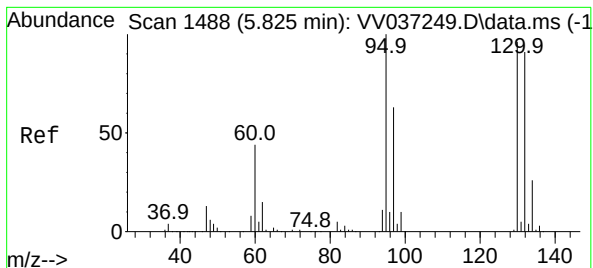
Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Tgt Ion: 78 Resp: 511284





#34

Trichloroethene

Concen: 4.922 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 135591

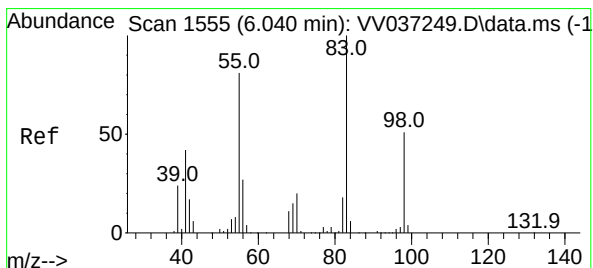
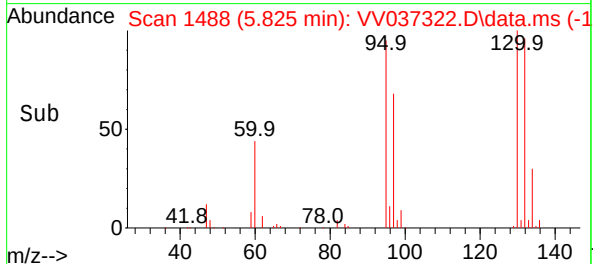
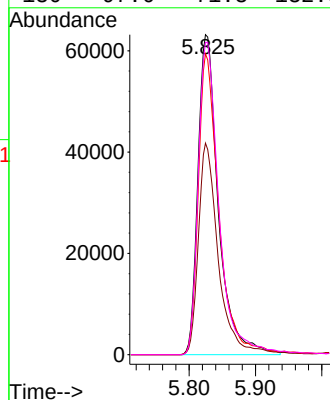
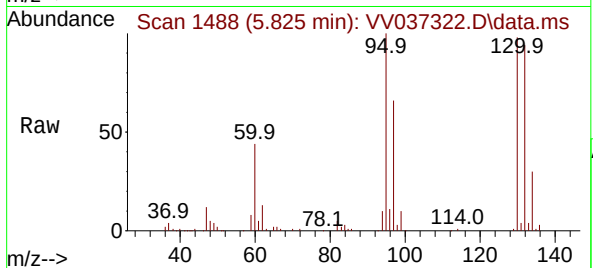
Ion Ratio Lower Upper

95 100

97 66.1 46.5 86.5

132 94.0 65.5 121.7

130 97.6 71.3 132.3



#35

Methylcyclohexane

Concen: 4.841 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

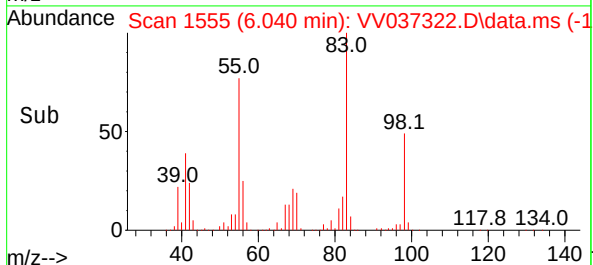
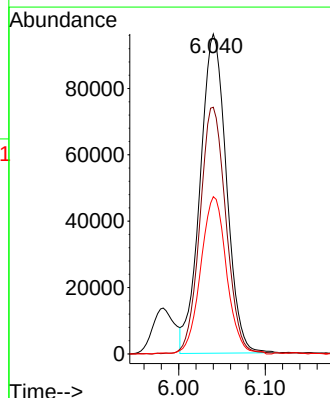
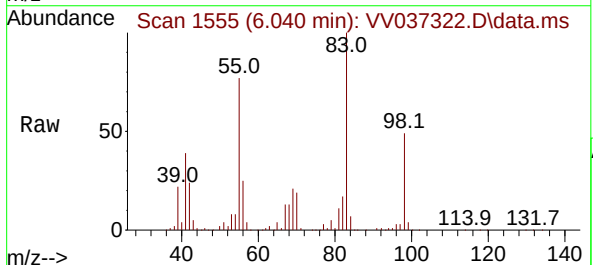
Tgt Ion: 83 Resp: 202695

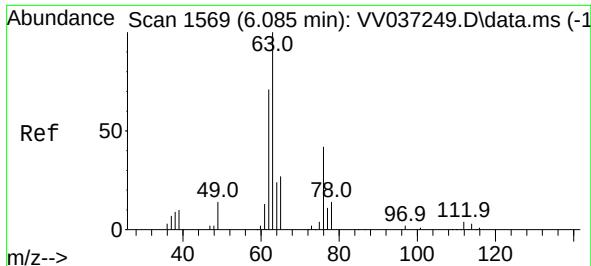
Ion Ratio Lower Upper

83 100

55 76.2 60.3 90.5

98 48.5 38.2 57.4

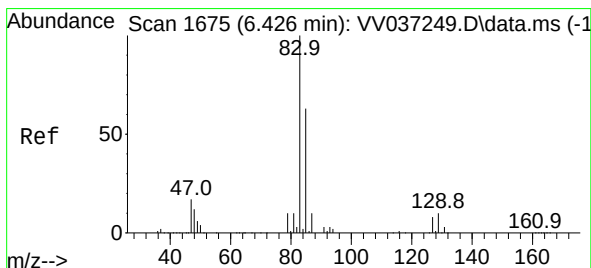
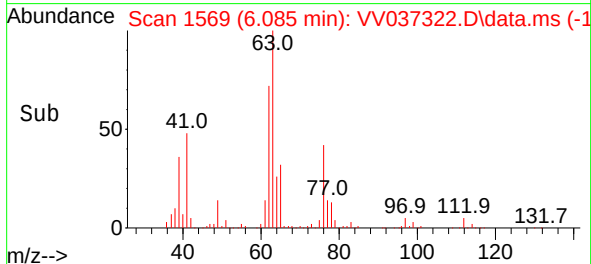
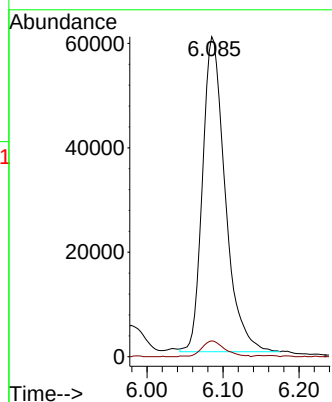
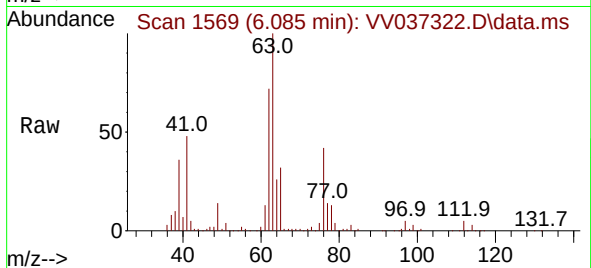




#37
1,2-Dichloropropane
Concen: 4.811 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

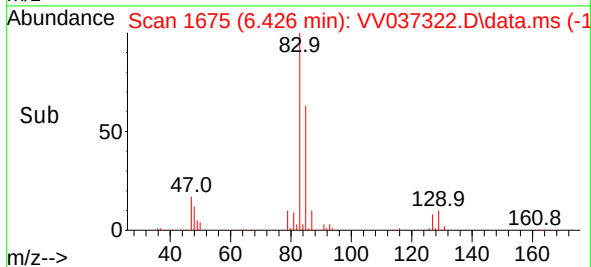
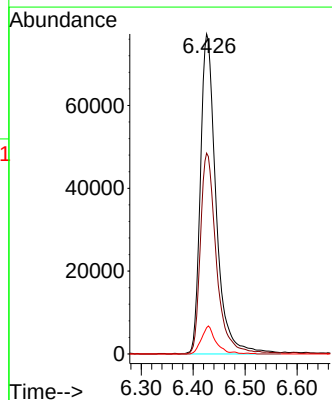
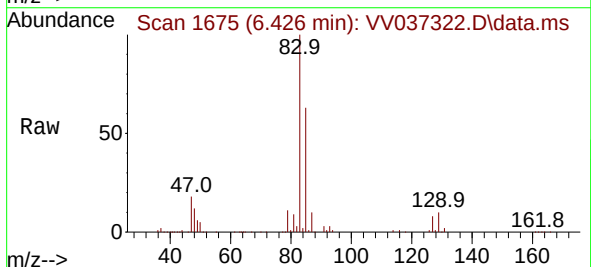
Instrument :
MSVOA_V
ClientSampleId :

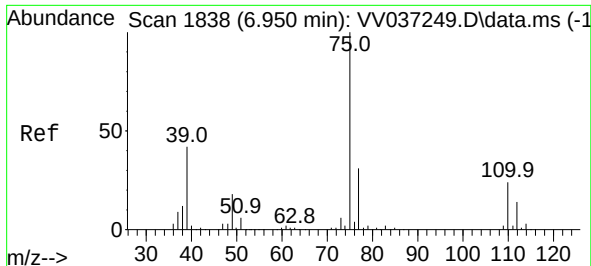
Tgt Ion: 63 Resp: 125126
Ion Ratio Lower Upper
63 100
112 5.0 3.7 5.5



#38
Bromodichloromethane
Concen: 4.968 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

Tgt Ion: 83 Resp: 161761
Ion Ratio Lower Upper
83 100
85 62.8 43.7 81.1
127 8.2 6.7 10.1

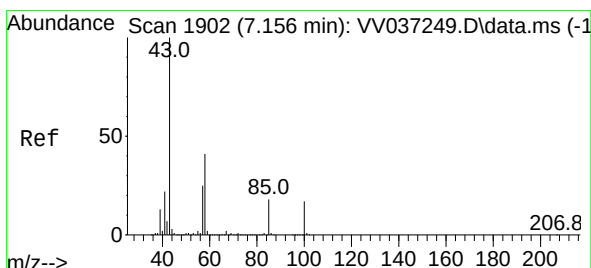
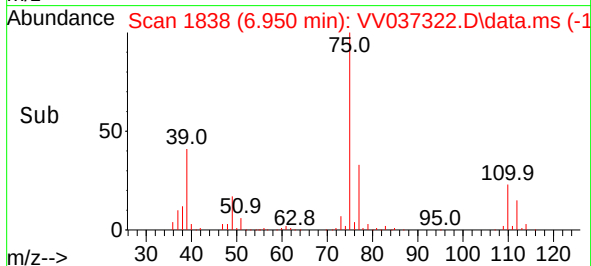
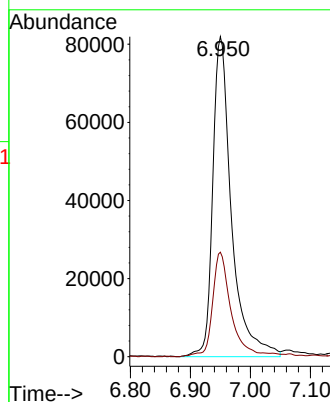
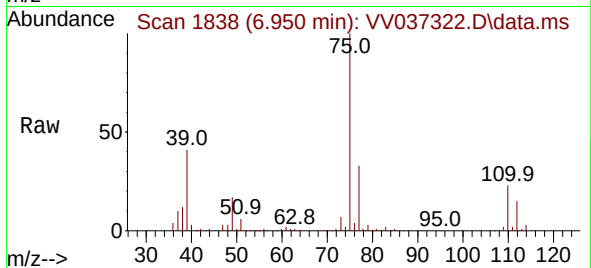




#39
 cis-1,3-Dichloropropene
 Concen: 4.715 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV037322.D
 Acq: 18 Sep 2024 09:15

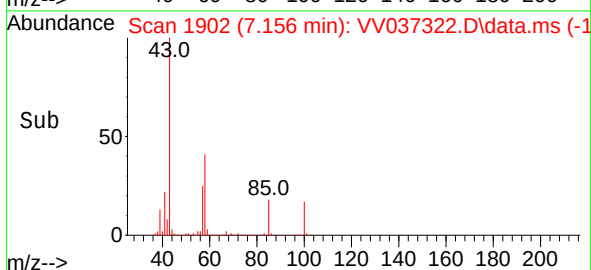
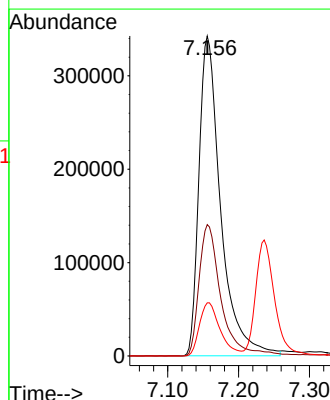
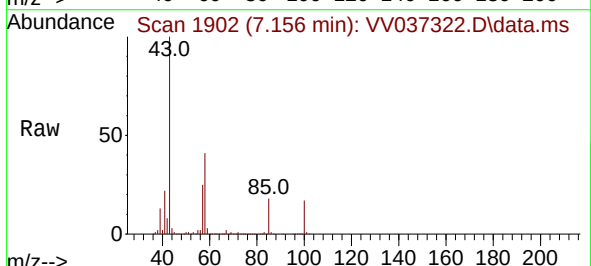
Instrument :
 MSVOA_V
 ClientSampleId :

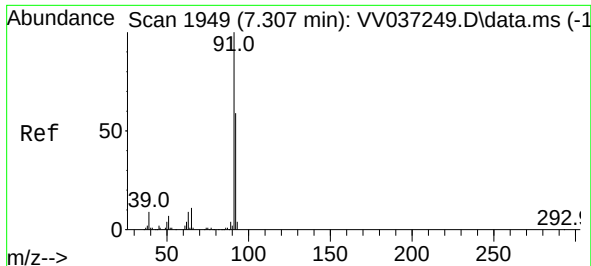
Tgt Ion: 75 Resp: 177602
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 48.984 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: VV037322.D
 Acq: 18 Sep 2024 09:15

Tgt Ion: 43 Resp: 729328
 Ion Ratio Lower Upper
 43 100
 58 41.7 31.7 47.5
 100 15.9 12.6 19.0





#42

Toluene

Concen: 5.067 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Instrument :

MSVOA_V

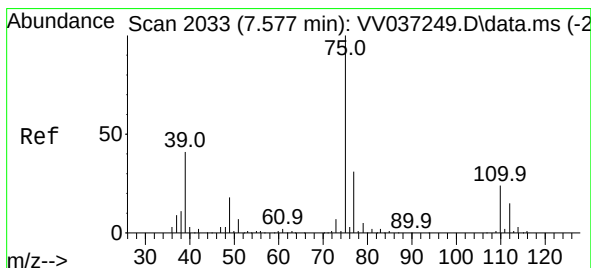
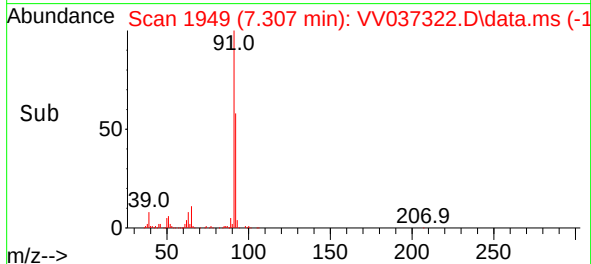
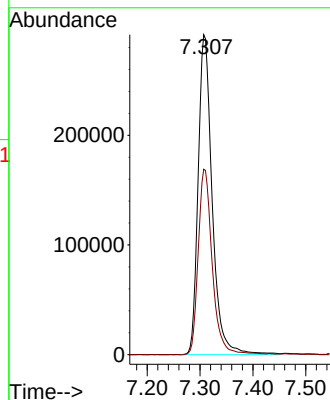
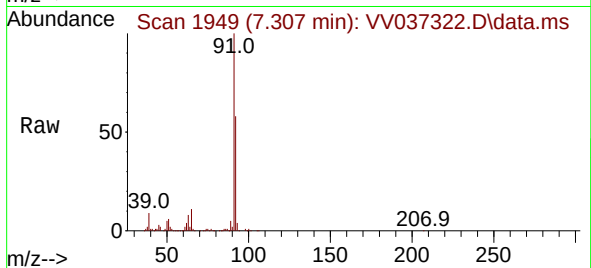
ClientSampleId :

Tgt Ion: 91 Resp: 538757

Ion Ratio Lower Upper

91 100

92 58.0 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 4.758 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV037322.D

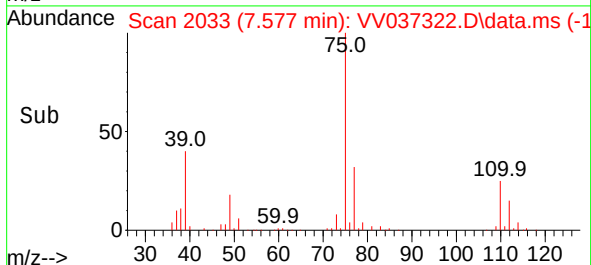
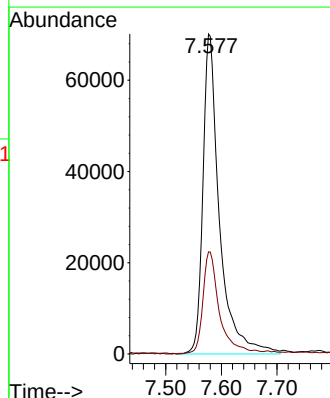
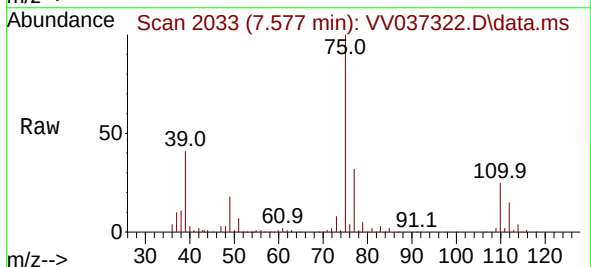
Acq: 18 Sep 2024 09:15

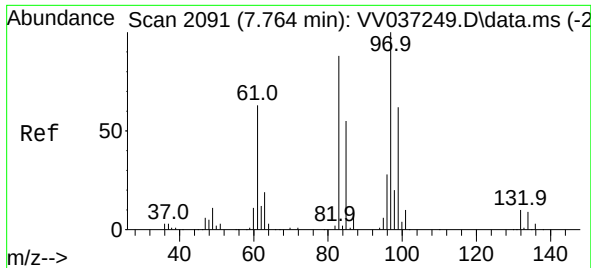
Tgt Ion: 75 Resp: 144639

Ion Ratio Lower Upper

75 100

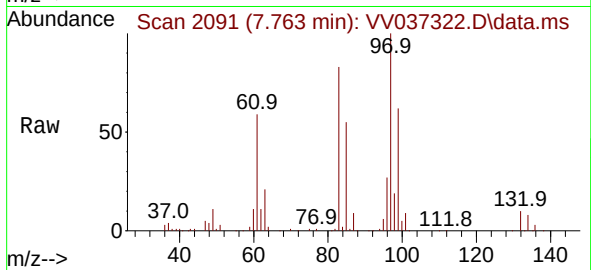
77 31.9 20.9 38.9



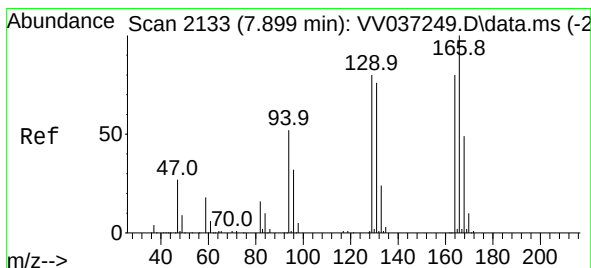
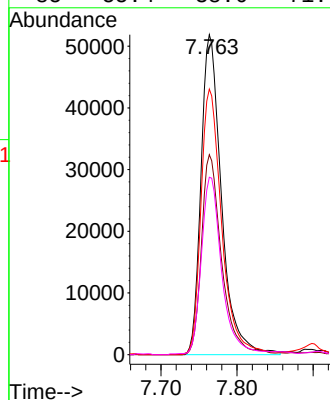
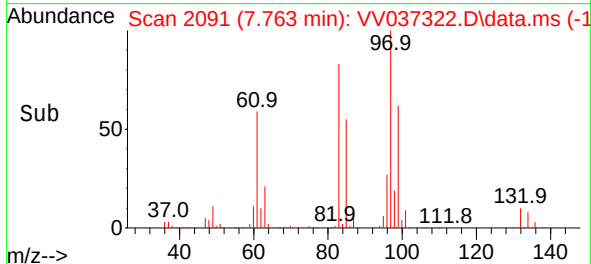


#45
1,1,2-Trichloroethane
Concen: 5.224 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

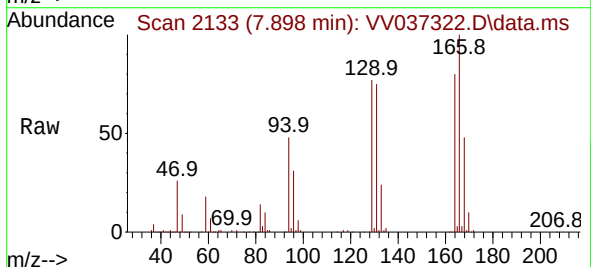
Instrument :
MSVOA_V
ClientSampleId :



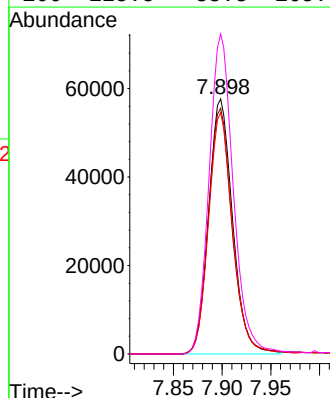
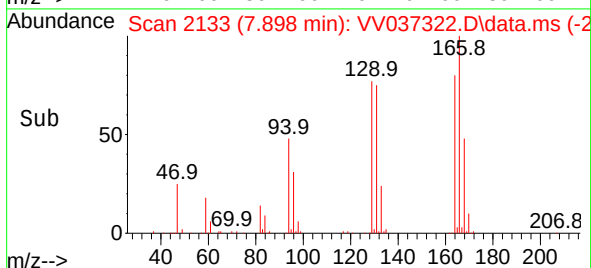
Tgt Ion:	97	Resp:	97242
Ion Ratio	Lower	Upper	
97	100		
99	62.5	43.1	80.1
83	83.0	61.0	113.4
85	55.4	38.6	71.6

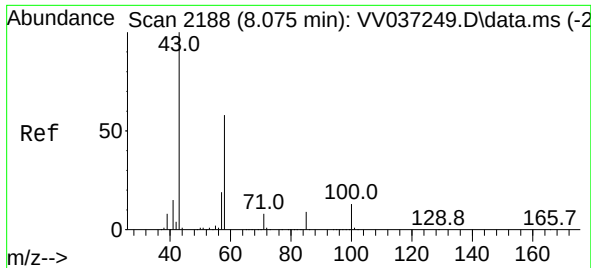


#47
Tetrachloroethene
Concen: 4.993 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15



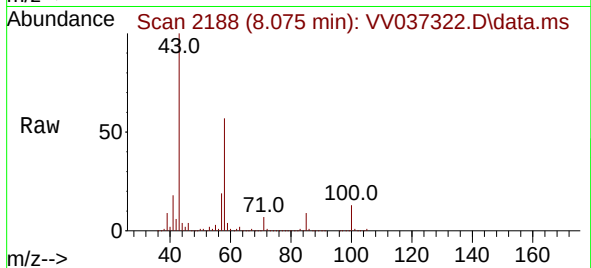
Tgt Ion:	164	Resp:	98431
Ion Ratio	Lower	Upper	
164	100		
129	96.3	69.2	128.4
131	94.6	66.6	123.8
166	125.5	88.8	165.0



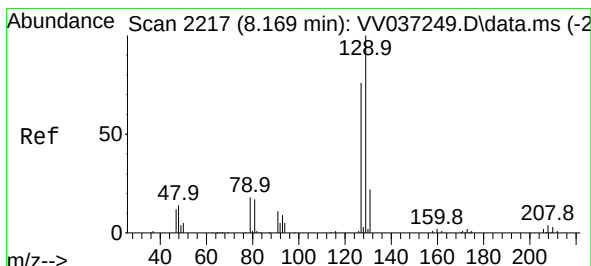
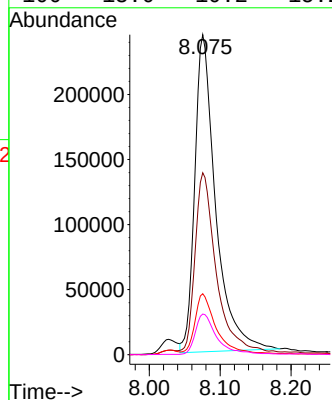
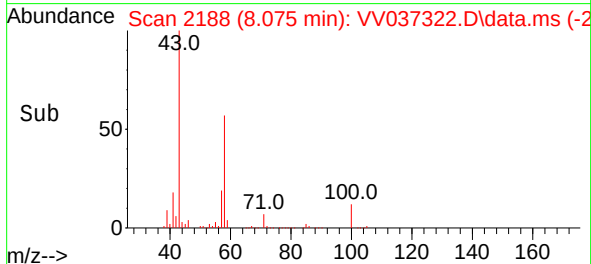


#48
2-Hexanone
Concen: 45.937 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

Instrument :
MSVOA_V
ClientSampleId :

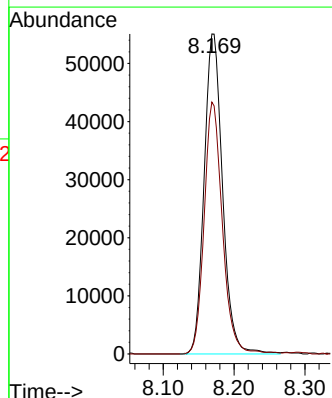
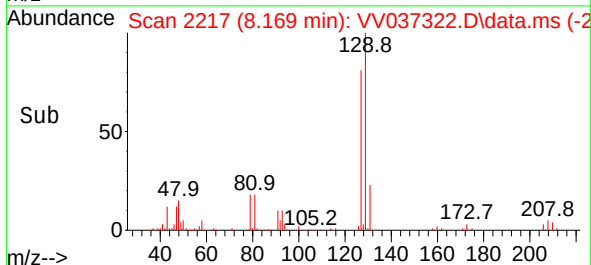
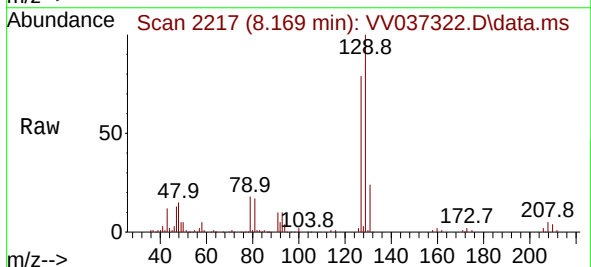


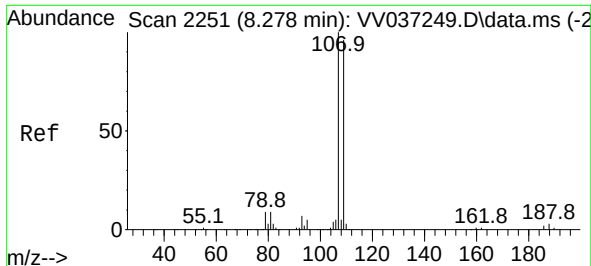
Tgt Ion: 43 Resp: 499913
Ion Ratio Lower Upper
43 100
58 56.8 45.5 68.3
57 19.7 15.3 22.9
100 13.0 10.2 15.2



#49
Dibromochloromethane
Concen: 5.100 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

Tgt Ion: 129 Resp: 99457
Ion Ratio Lower Upper
129 100
127 78.7 54.5 101.1

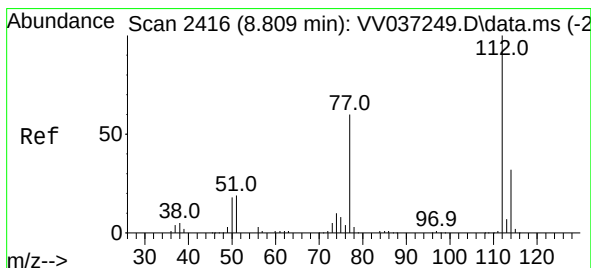
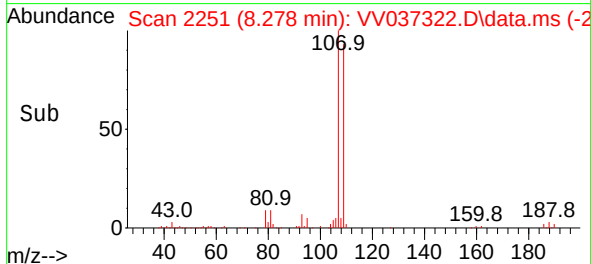
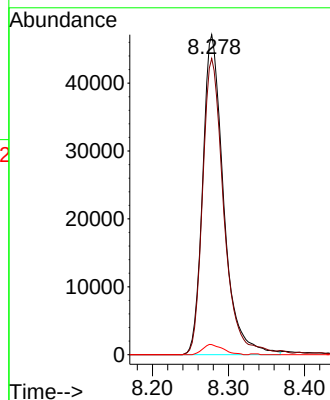
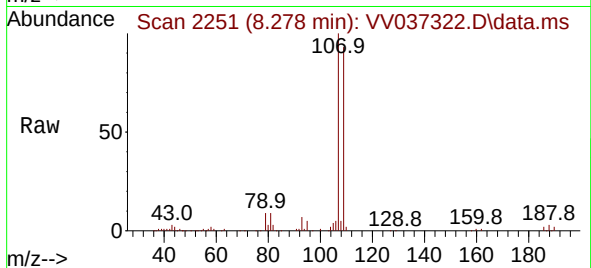




#50
1,2-Dibromoethane
Concen: 5.123 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

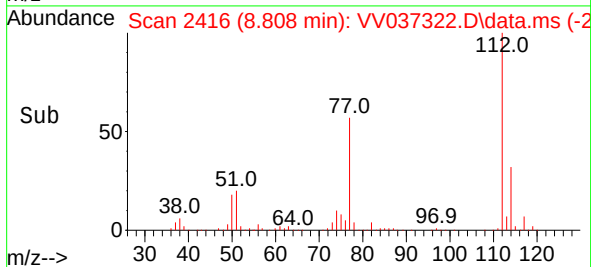
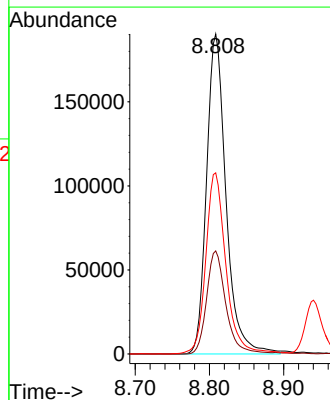
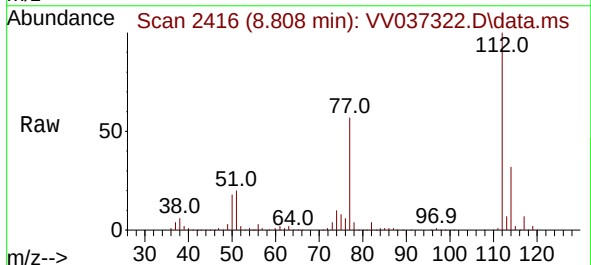
Instrument :
MSVOA_V
ClientSampleId :

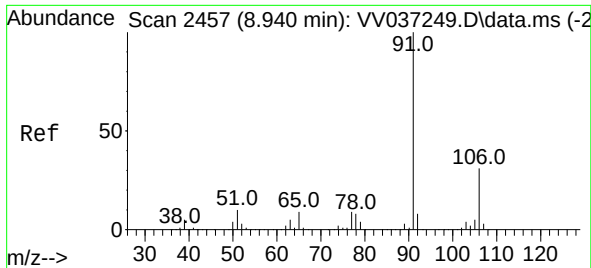
Tgt Ion:107 Resp: 90095
Ion Ratio Lower Upper
107 100
109 92.5 68.1 126.5
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 4.884 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

Tgt Ion:112 Resp: 345803
Ion Ratio Lower Upper
112 100
114 32.2 22.6 42.0
77 56.6 47.0 70.6





#52

Ethylbenzene

Concen: 4.844 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Instrument :

MSVOA_V

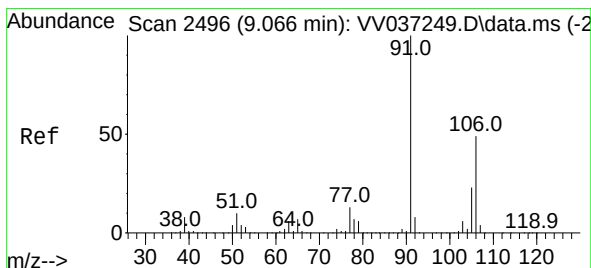
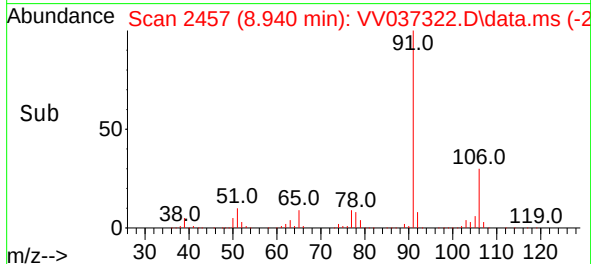
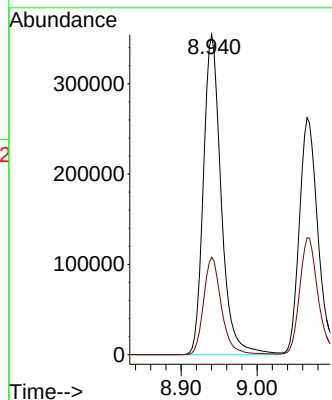
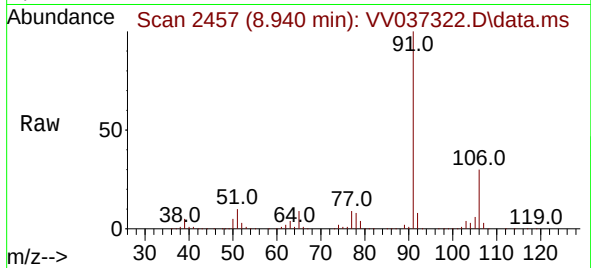
ClientSampleId :

Tgt Ion: 91 Resp: 574897

Ion Ratio Lower Upper

91 100

106 30.5 21.7 40.3



#53

m,p-Xylene

Concen: 5.055 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV037322.D

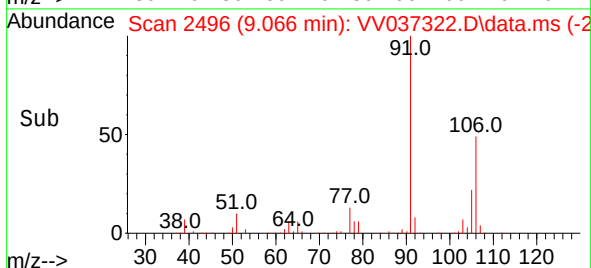
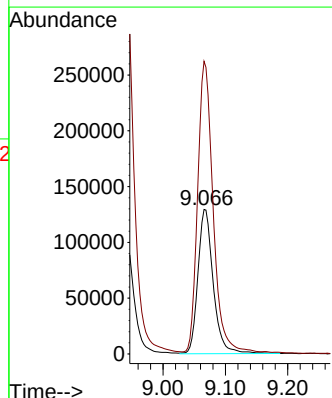
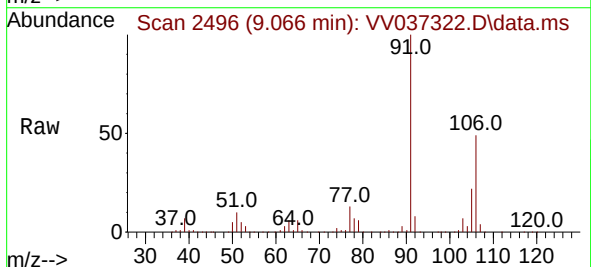
Acq: 18 Sep 2024 09:15

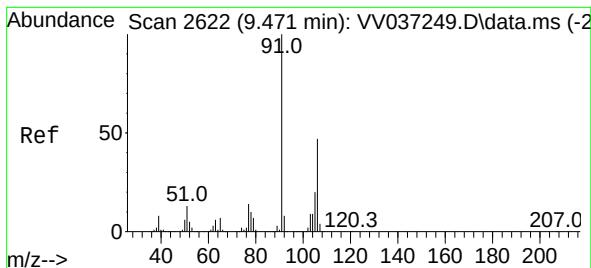
Tgt Ion: 106 Resp: 220734

Ion Ratio Lower Upper

106 100

91 202.6 143.3 266.1





#54

o-Xylene

Concen: 4.906 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Instrument :

MSVOA_V

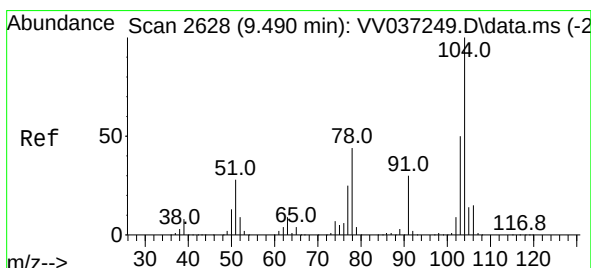
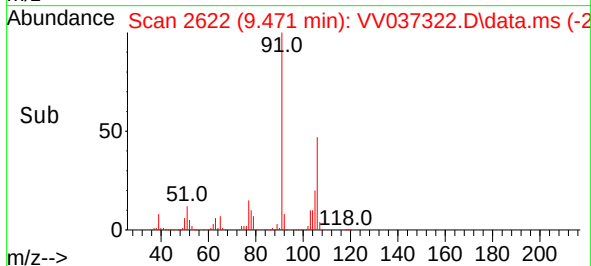
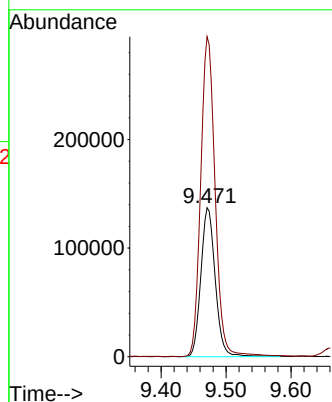
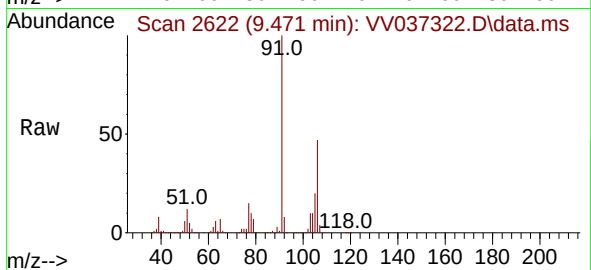
ClientSampleId :

Tgt Ion:106 Resp: 212060

Ion Ratio Lower Upper

106 100

91 214.7 151.8 282.0



#55

Styrene

Concen: 5.081 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.000 min

Lab File: VV037322.D

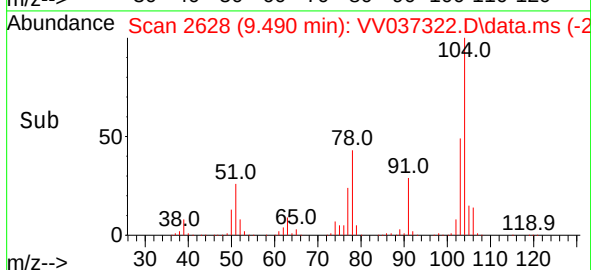
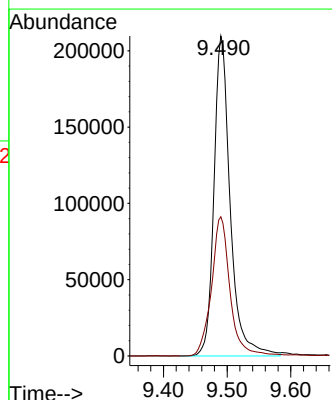
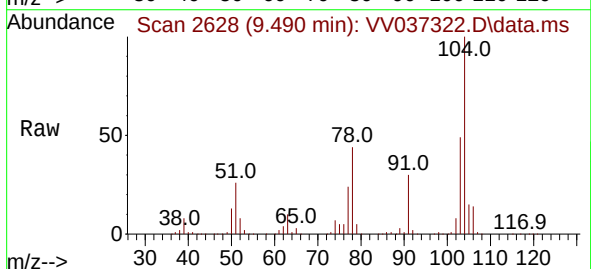
Acq: 18 Sep 2024 09:15

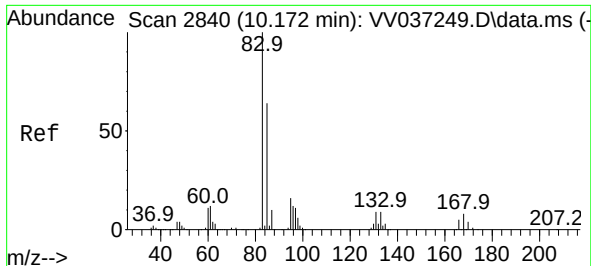
Tgt Ion:104 Resp: 372332

Ion Ratio Lower Upper

104 100

78 43.5 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.075 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Instrument :

MSVOA_V

ClientSampleId :

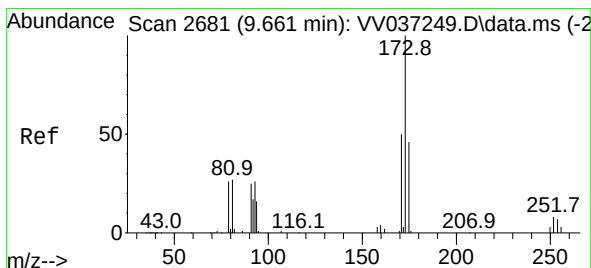
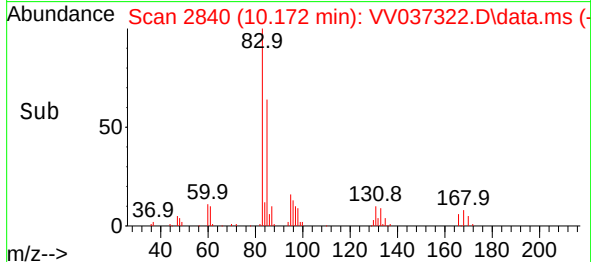
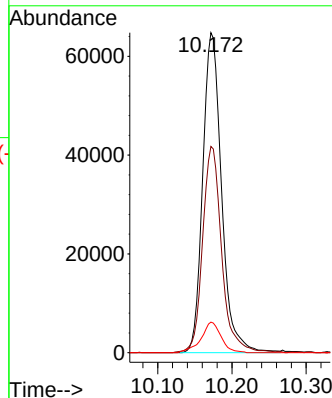
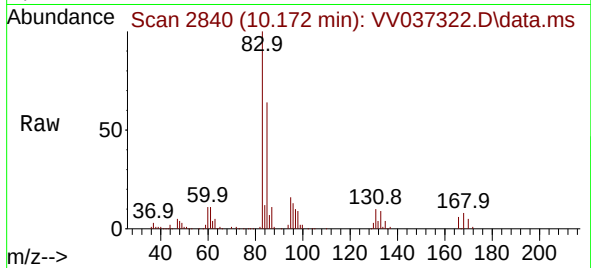
Tgt Ion: 83 Resp: 114109

Ion Ratio Lower Upper

83 100

85 64.4 43.2 80.2

131 9.6 6.9 10.3



#59

Bromoform

Concen: 4.890 ug/L

RT: 9.660 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

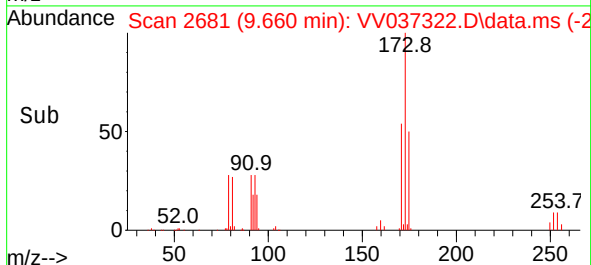
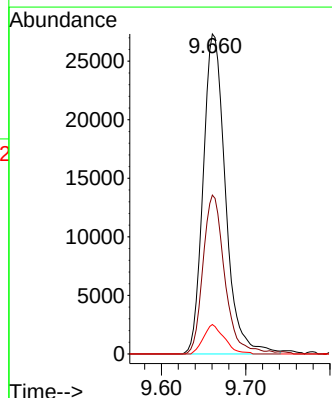
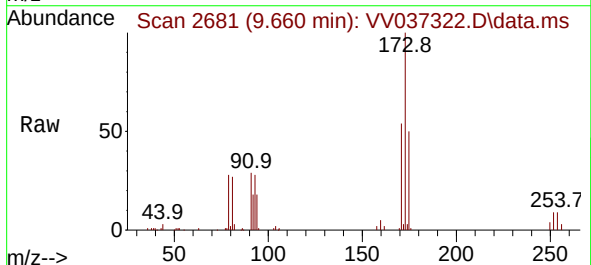
Tgt Ion: 173 Resp: 50363

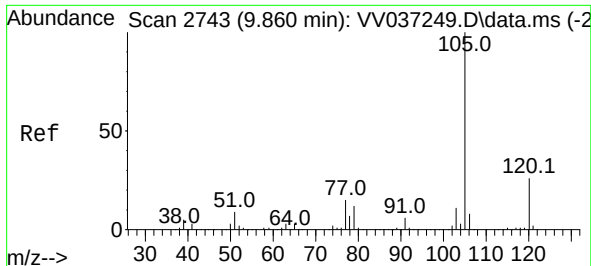
Ion Ratio Lower Upper

173 100

175 48.5 38.7 58.1

254 8.6 6.8 10.2

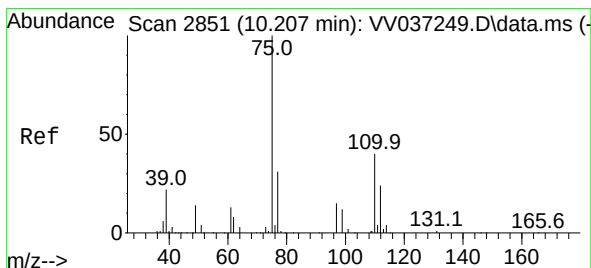
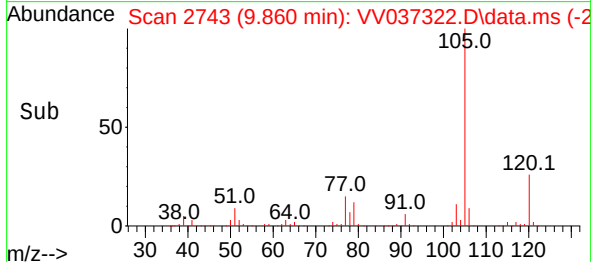
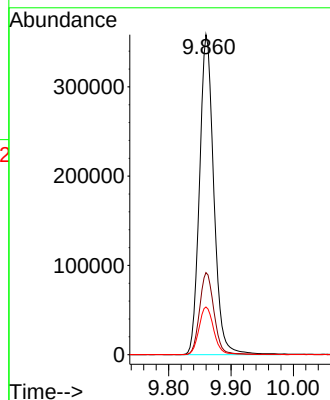
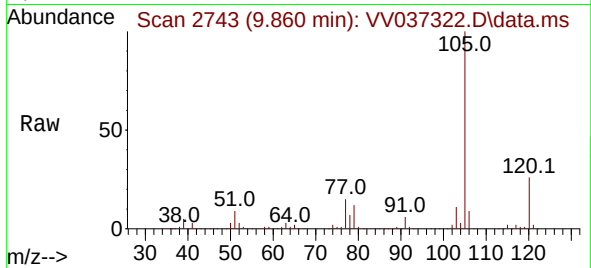




#60
Isopropylbenzene
Concen: 4.846 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

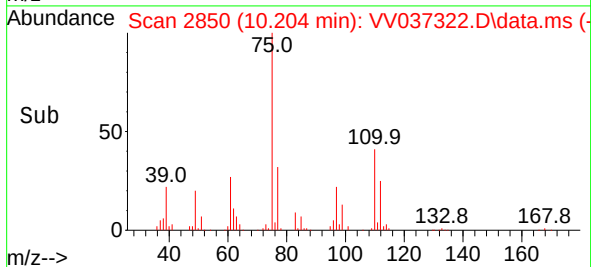
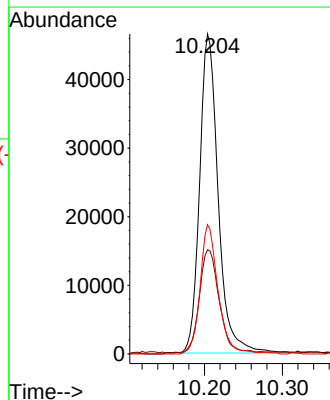
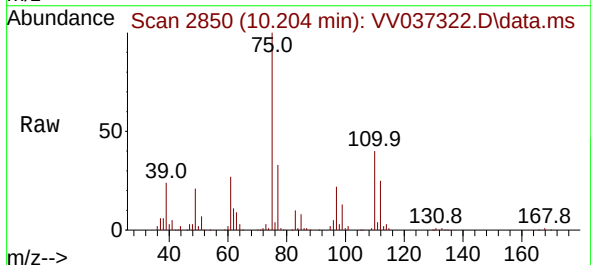
Instrument :
MSVOA_V
ClientSampleId :

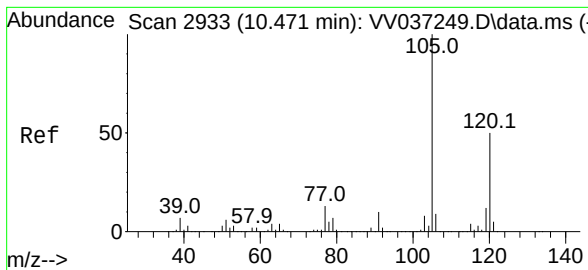
Tgt Ion:105 Resp: 571110
Ion Ratio Lower Upper
105 100
120 25.9 20.2 30.4
77 15.4 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.794 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

Tgt Ion: 75 Resp: 76796
Ion Ratio Lower Upper
75 100
77 34.1 25.6 38.4
110 39.3 31.0 46.4

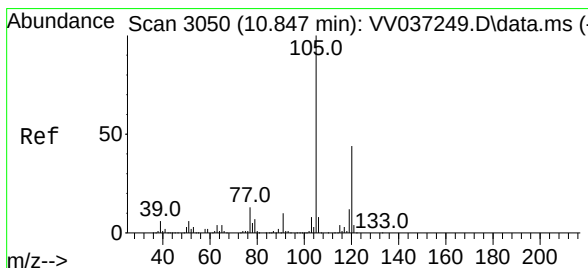
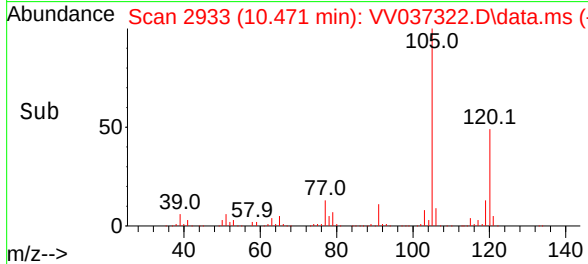
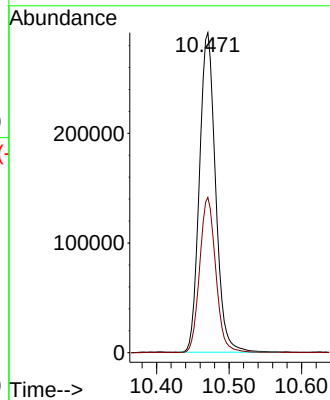
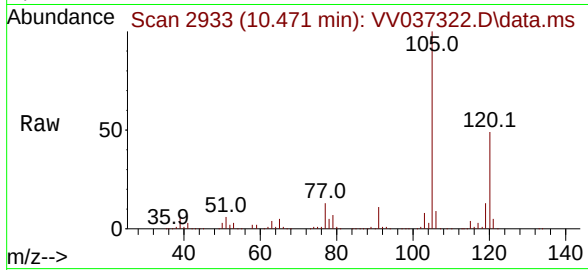




#62
1,3,5-Trimethylbenzene
Concen: 4.817 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

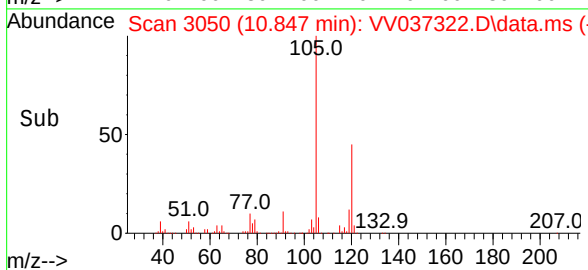
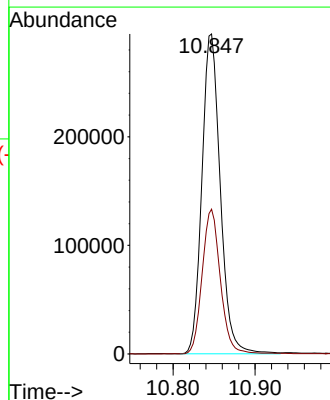
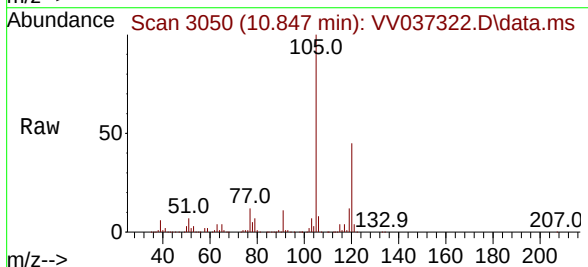
Instrument :
MSVOA_V
ClientSampleId :

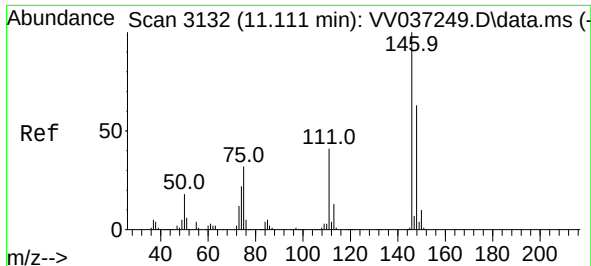
Tgt Ion:105 Resp: 450110
Ion Ratio Lower Upper
105 100
120 48.4 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.881 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

Tgt Ion:105 Resp: 458122
Ion Ratio Lower Upper
105 100
120 44.6 36.2 54.2

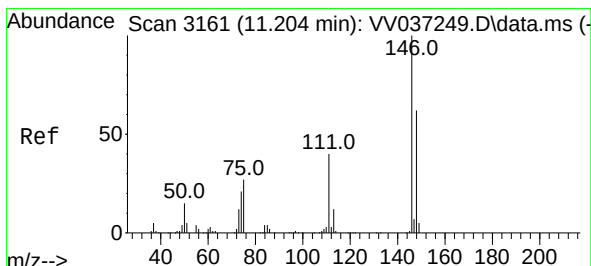
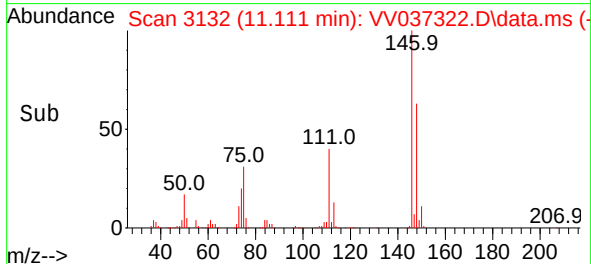
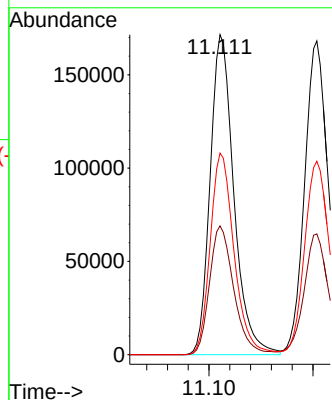
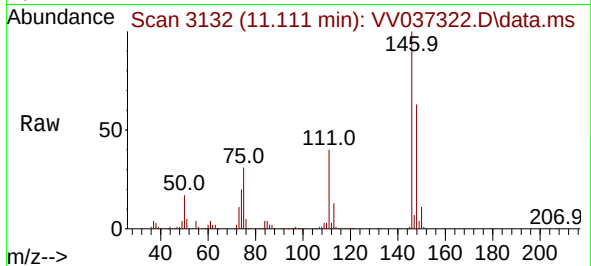




#64
1,3-Dichlorobenzene
Concen: 4.888 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

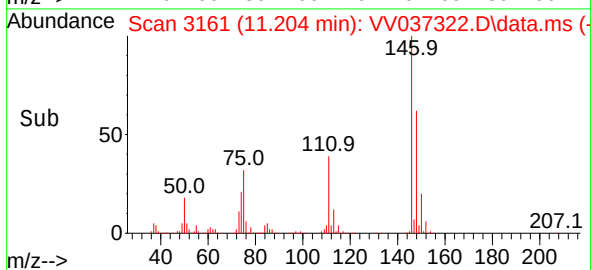
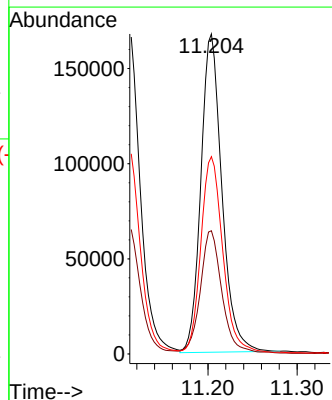
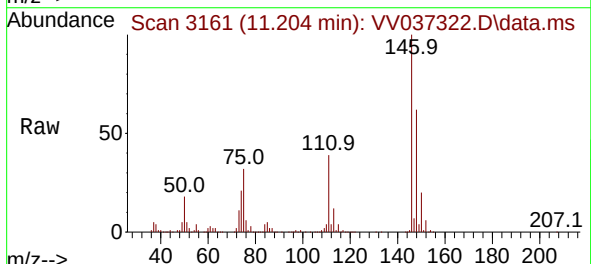
Instrument :
MSVOA_V
ClientSampleId :

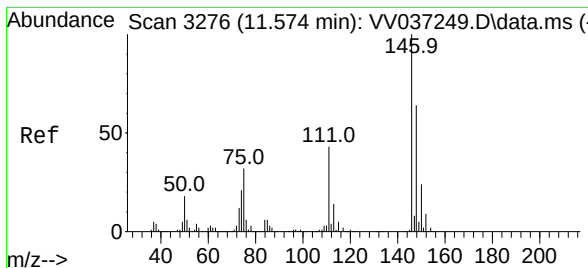
Tgt Ion:146 Resp: 272312
Ion Ratio Lower Upper
146 100
111 40.3 28.8 53.4
148 63.0 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 4.801 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV037322.D
Acq: 18 Sep 2024 09:15

Tgt Ion:146 Resp: 274303
Ion Ratio Lower Upper
146 100
111 38.5 28.2 52.4
148 61.7 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.859 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Instrument :

MSVOA_V

ClientSampleId :

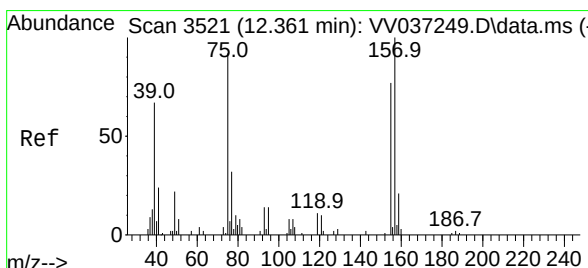
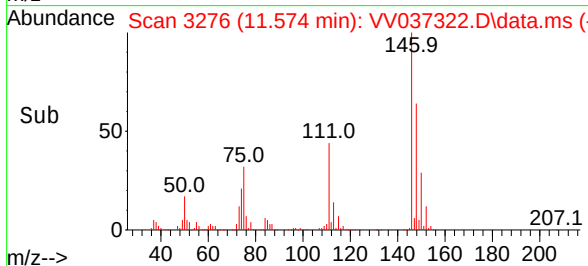
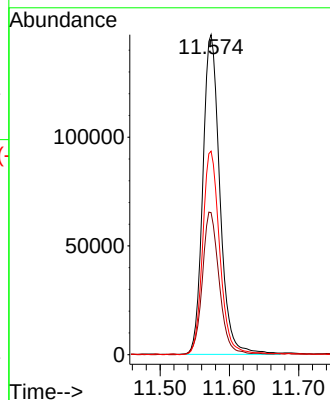
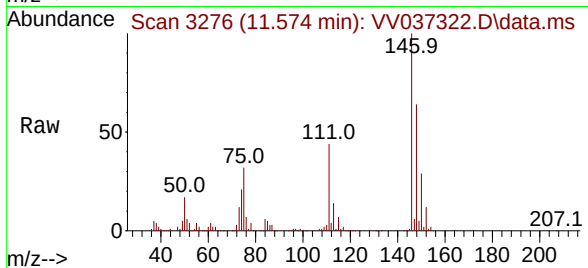
Tgt Ion:146 Resp: 250948

Ion Ratio Lower Upper

146 100

111 44.4 34.4 51.6

148 63.6 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.638 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

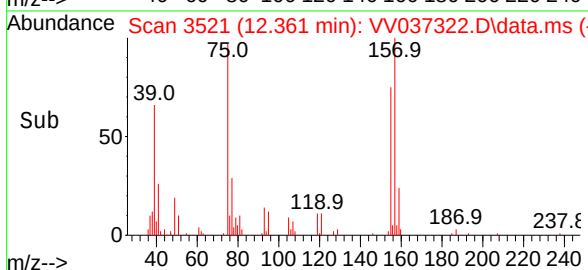
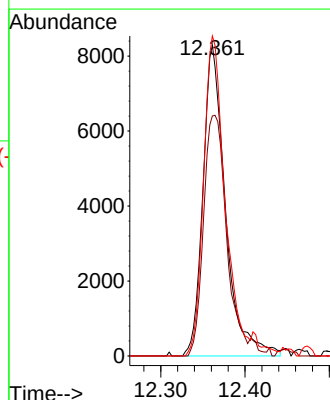
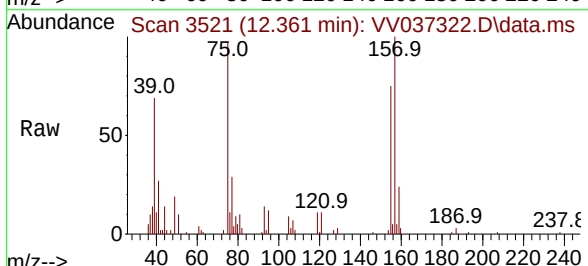
Tgt Ion: 75 Resp: 15409

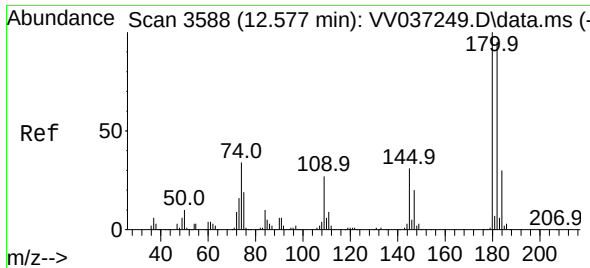
Ion Ratio Lower Upper

75 100

155 77.2 60.6 90.8

157 102.9 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 4.752 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

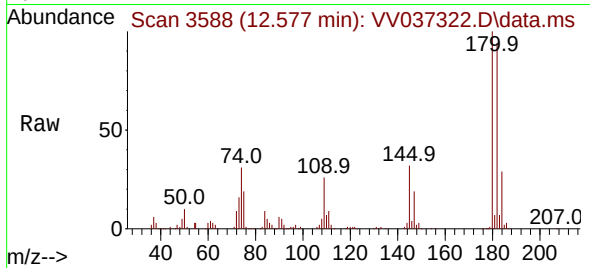
Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 188784

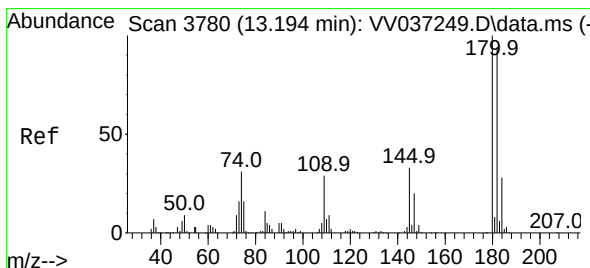
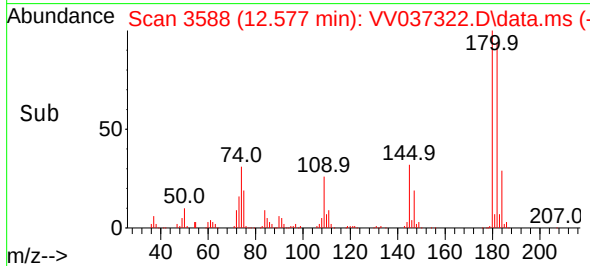
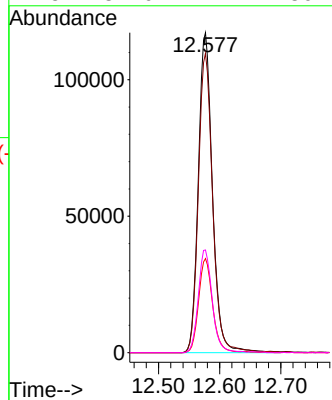
Ion Ratio Lower Upper

180 100

182 94.3 74.3 111.5

184 29.0 24.3 36.5

145 31.6 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 4.476 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

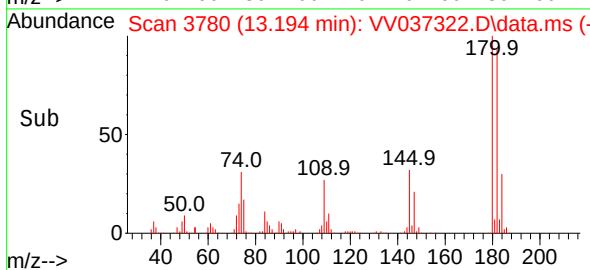
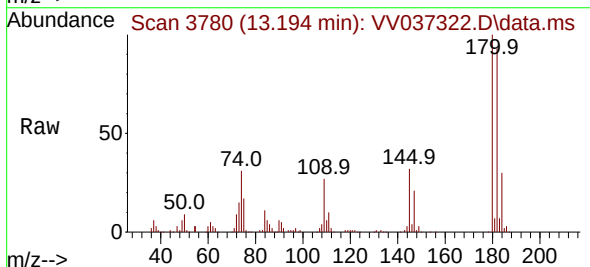
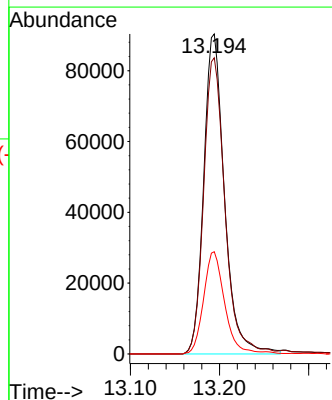
Tgt Ion:180 Resp: 146383

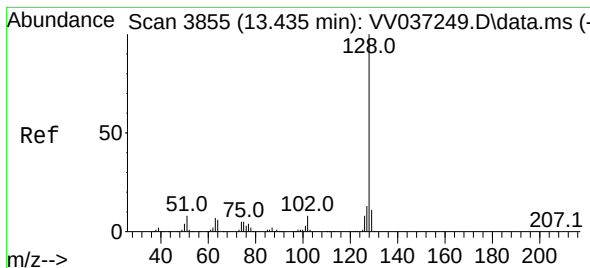
Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.0

145 32.5 25.8 38.6





#71

Naphthalene

Concen: 3.821 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Instrument :

MSVOA_V

ClientSampleId :

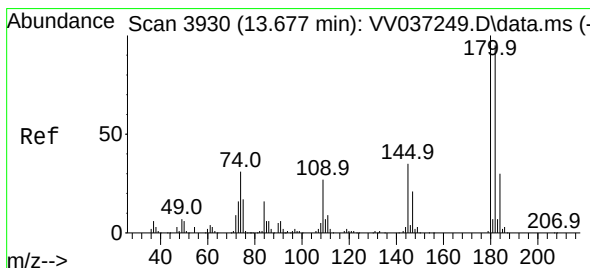
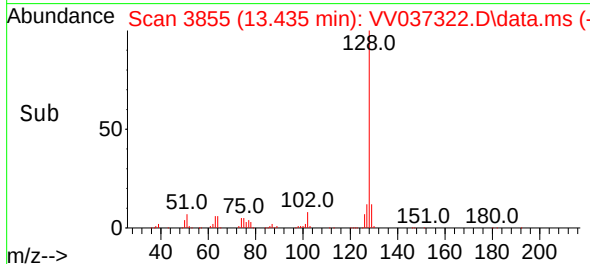
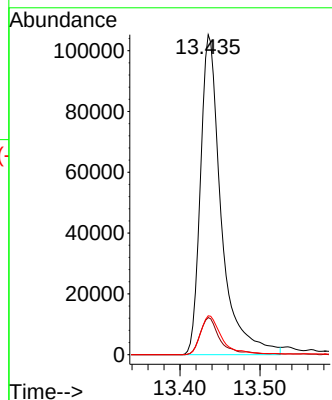
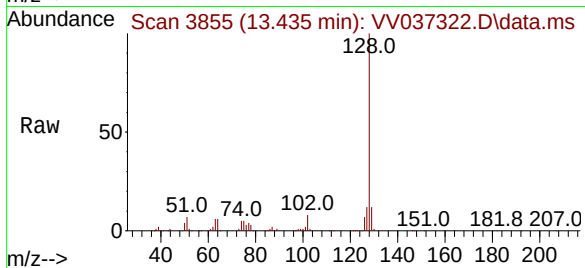
Tgt Ion:128 Resp: 190964

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

127 12.4 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.612 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.003 min

Lab File: VV037322.D

Acq: 18 Sep 2024 09:15

Tgt Ion:180 Resp: 124800

Ion Ratio Lower Upper

180 100

182 94.5 73.4 110.0

145 33.0 27.2 40.8

