

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037243.D
 Acq On : 10 Sep 2024 11:32
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 11 04:37:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:34:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	357332	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	350847	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	186003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	391822	18.690	ug/L	0.00
7) Chloroethane-d5	1.529	69	403673	18.469	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	205986	19.027	ug/L	0.00
20) 2-Butanone-d5	3.799	46	1313211	230.837	ug/L	-0.02
24) Chloroform-d	4.236	84	983104	19.315	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	462705	19.415	ug/L	0.00
32) Benzene-d6	4.947	84	1905397	20.256	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	594454	19.477	ug/L	0.00
41) Toluene-d8	7.233	98	1730958	20.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	216379	22.486	ug/L	0.00
46) 2-Hexanone-d5	8.018	63	1084816	240.215	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	464680	19.490	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	624521	18.885	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	680465	20.500	ug/L	100
3) Chloromethane	1.214	50	684351	19.323	ug/L	99
5) Vinyl chloride	1.282	62	689627	19.812	ug/L	99
6) Bromomethane	1.487	94	411165	19.690	ug/L	99
8) Chloroethane	1.548	64	413212	19.741	ug/L	99
9) Trichlorofluoromethane	1.709	101	891036	20.579	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	535191	20.410	ug/L	100
12) 1,1-Dichloroethene	2.063	96	502248	20.057	ug/L	97
13) Acetone	2.150	43	834896	200.050	ug/L	97
14) Carbon disulfide	2.233	76	1616765	20.476	ug/L	100
15) Methyl Acetate	2.384	43	205352	20.876	ug/L	99
16) Methylene chloride	2.439	84	536793	18.646	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	1246364	20.938	ug/L	100
18) trans-1,2-Dichloroethene	2.687	96	535226	20.315	ug/L	96
19) 1,1-Dichloroethane	3.101	63	998973	19.857	ug/L	99
21) 2-Butanone	3.880	43	1413500	229.705	ug/L	97
22) cis-1,2-Dichloroethene	3.802	96	590150	20.720	ug/L	99
23) Bromochloromethane	4.134	128	245412	19.896	ug/L	98
25) Chloroform	4.262	83	999802	19.727	ug/L	96
27) 1,2-Dichloroethane	5.031	62	595790	20.776	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	859509	20.660	ug/L	98
30) Cyclohexane	4.571	56	900576	22.314	ug/L	98
31) Carbon tetrachloride	4.722	117	739591	20.886	ug/L	99
33) Benzene	4.998	78	2197103	20.783	ug/L	100
34) Trichloroethene	5.822	95	593491	20.834	ug/L	98
35) Methylcyclohexane	6.040	83	974650	22.507	ug/L	99
37) 1,2-Dichloropropane	6.082	63	560668	21.530	ug/L	100
38) Bromodichloromethane	6.423	83	705581	20.955	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	886695	23.282	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	3313768	216.886	ug/L	98
42) Toluene	7.307	91	2358550	21.448	ug/L	98
44) trans-1,3-Dichloropropene	7.571	75	719397	23.191	ug/L	96

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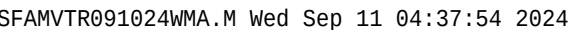
Instrument :
 MSVOA_V
 ClientSampleId :

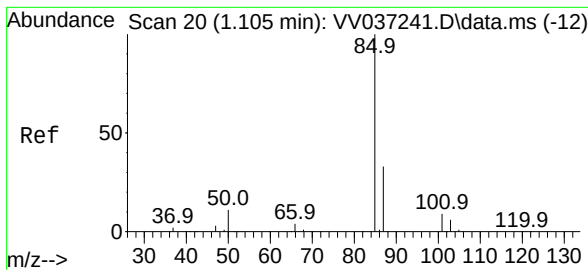
Quant Time: Sep 11 04:37:44 2024
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	393940	20.464	ug/L	98
47) Tetrachloroethene	7.895	164	431370	21.158	ug/L	99
48) 2-Hexanone	8.069	43	2405867	228.564	ug/L	100
49) Dibromochloromethane	8.169	129	441334	21.884	ug/L	100
50) 1,2-Dibromoethane	8.275	107	381839	20.994	ug/L	95
51) Chlorobenzene	8.805	112	1517827	20.729	ug/L	99
52) Ethylbenzene	8.937	91	2693297	21.945	ug/L	100
53) m,p-Xylene	9.066	106	1021943	22.632	ug/L	99
54) o-Xylene	9.471	106	992289	22.197	ug/L	100
55) Styrene	9.487	104	1719041	22.682	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.172	83	481492	20.705	ug/L	97
59) Bromoform	9.657	173	236481	21.733	ug/L	100
60) Isopropylbenzene	9.860	105	2688687	21.596	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	334994	19.792	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	2240426	22.694	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	2271896	22.910	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	1226967	20.847	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	1220600	20.223	ug/L	98
67) 1,2-Dichlorobenzene	11.571	146	1103825	20.230	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	73726	21.811	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	908393	21.643	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	790773	22.889	ug/L	99
71) Naphthalene	13.432	128	1266649	23.990	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	644987	22.561	ug/L	98

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

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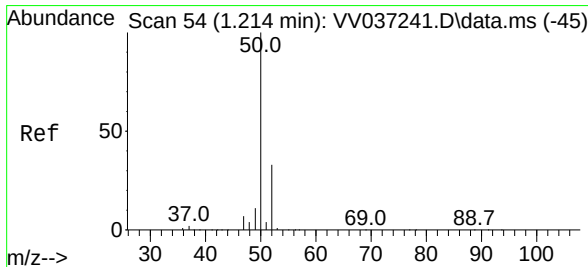
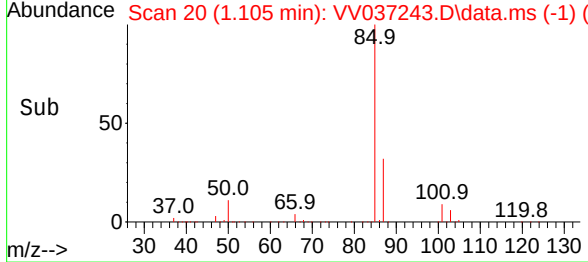
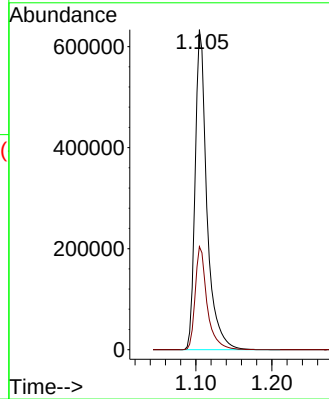
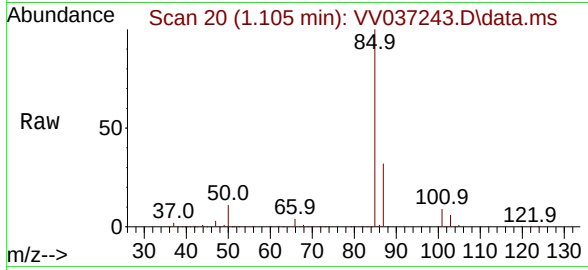




#2
 Dichlorodifluoromethane
 Concen: 20.500 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037243.D
 Acq: 10 Sep 2024 11:32

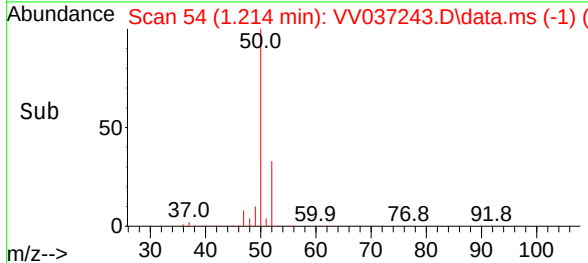
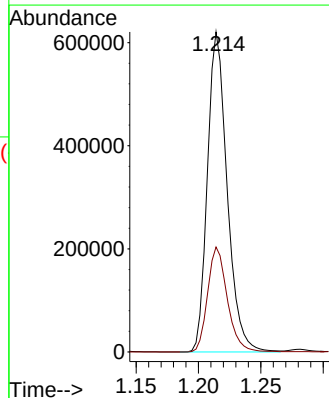
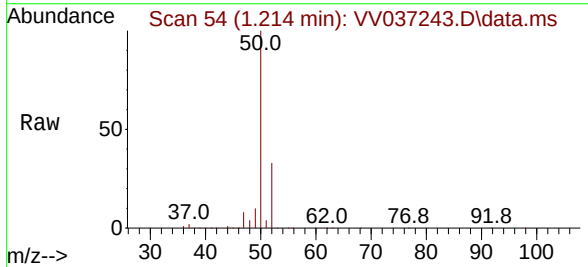
Instrument :
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 ClientSampleId :

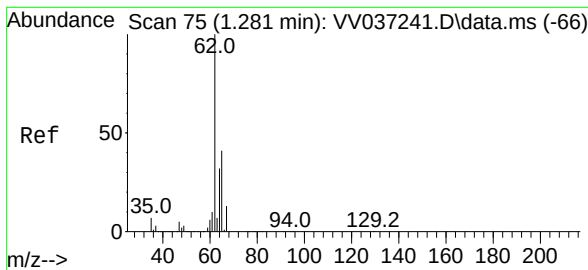
Tgt Ion: 85 Resp: 680465
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 19.323 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037243.D
 Acq: 10 Sep 2024 11:32

Tgt Ion: 50 Resp: 684351
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.3 43.3

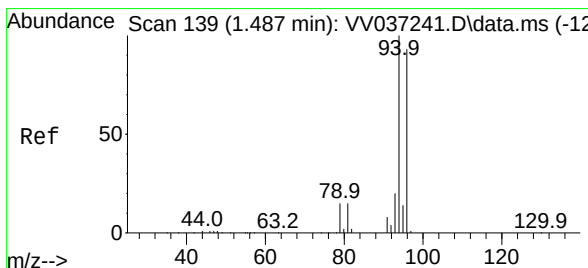
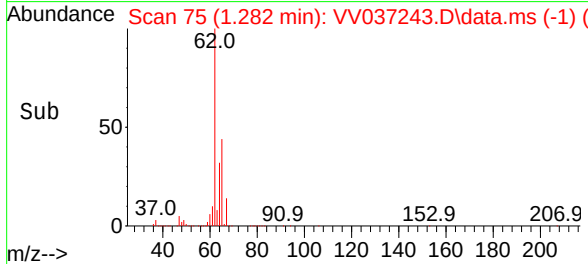
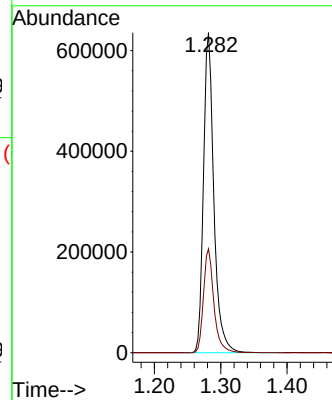
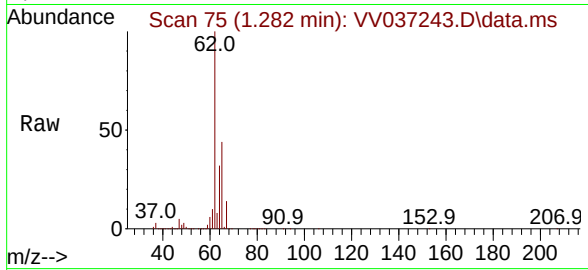




#5
 Vinyl chloride
 Concen: 19.812 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037243.D
 Acq: 10 Sep 2024 11:32

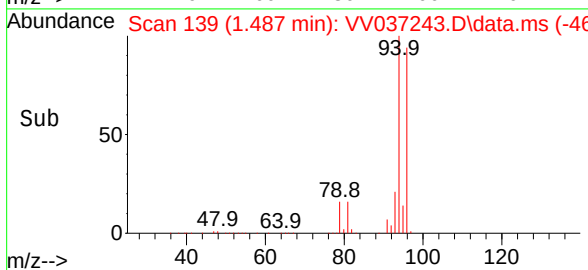
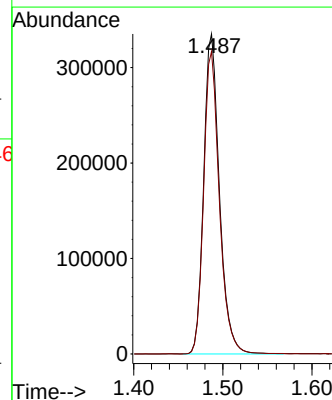
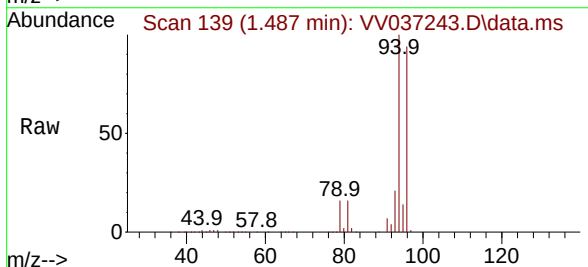
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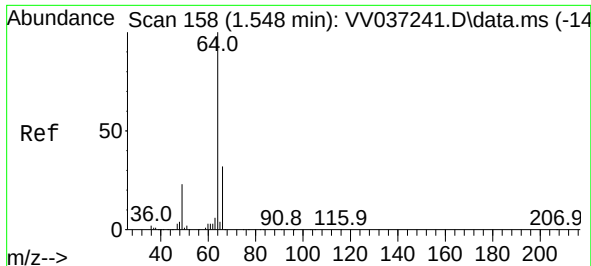
Tgt Ion: 62 Resp: 689627
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.4 41.6



#6
 Bromomethane
 Concen: 19.690 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037243.D
 Acq: 10 Sep 2024 11:32

Tgt Ion: 94 Resp: 411165
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.3 121.3

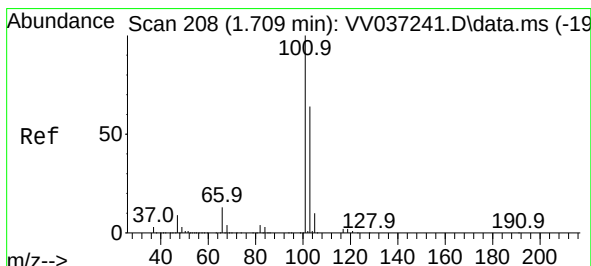
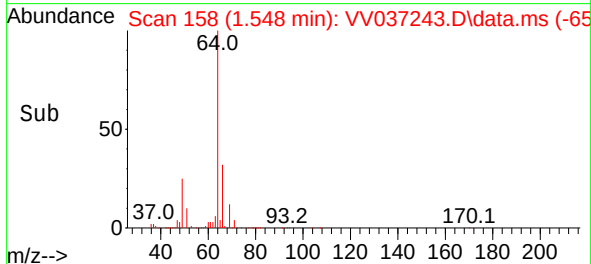
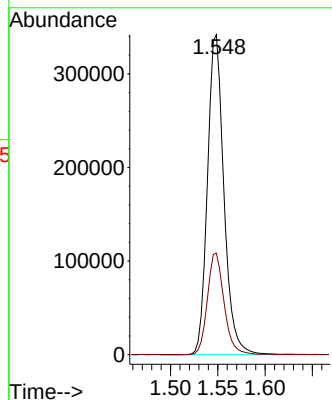
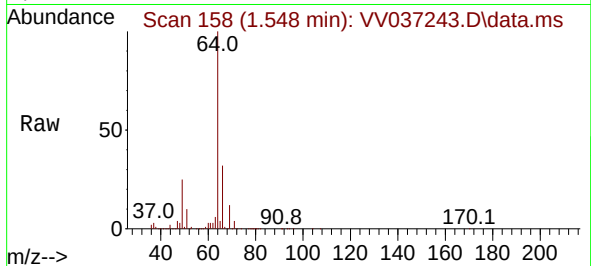




#8
Chloroethane
Concen: 19.741 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

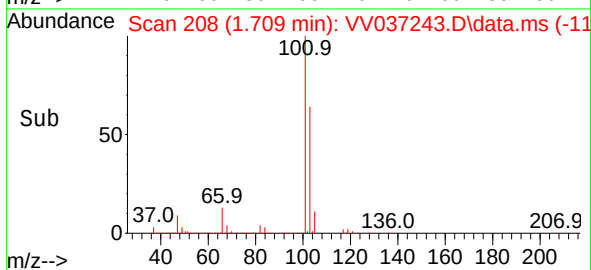
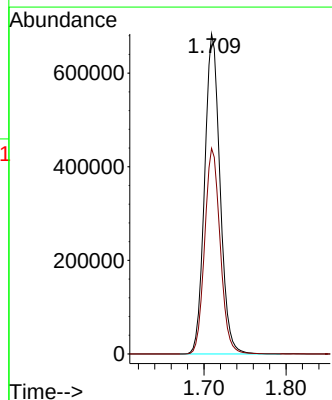
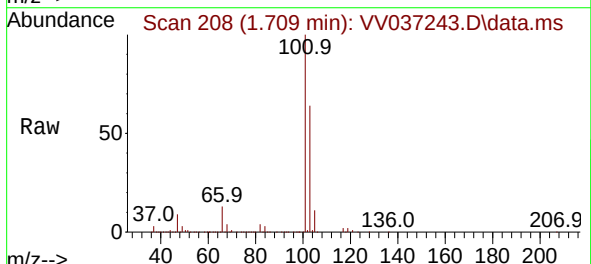
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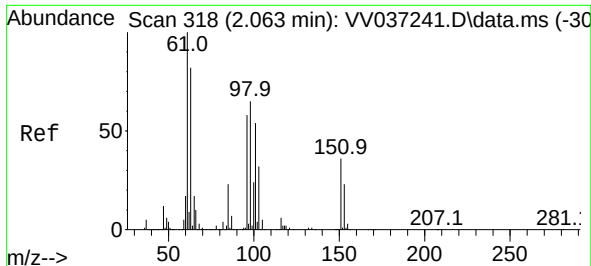
Tgt Ion: 64 Resp: 413212
Ion Ratio Lower Upper
64 100
66 31.8 22.7 42.1



#9
Trichlorofluoromethane
Concen: 20.579 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

Tgt Ion:101 Resp: 891036
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

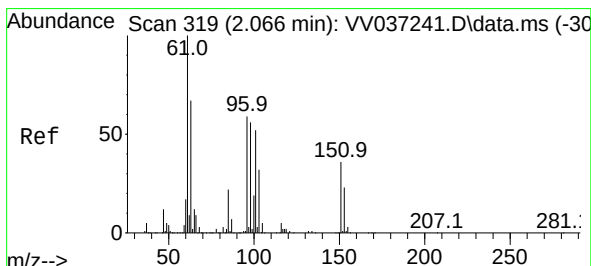
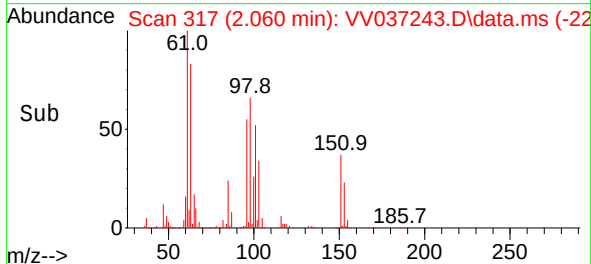
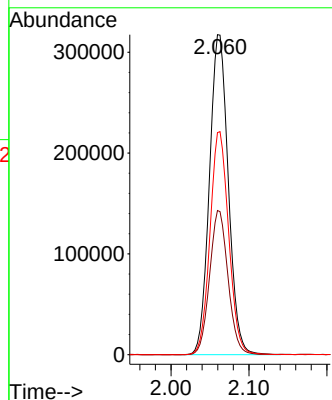
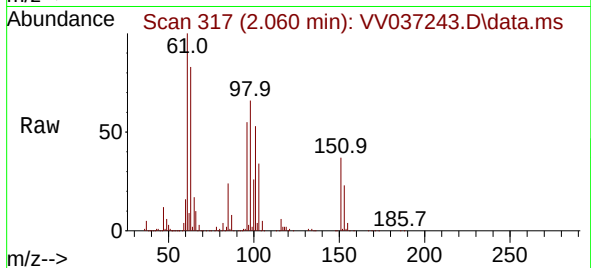




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.410 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

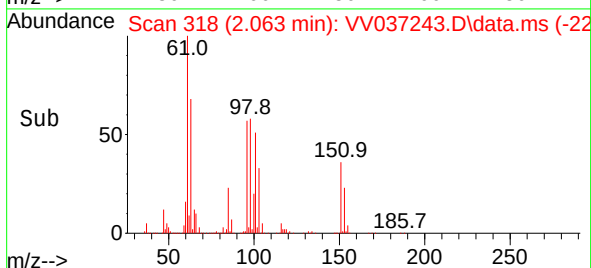
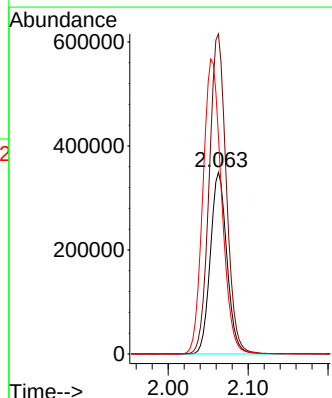
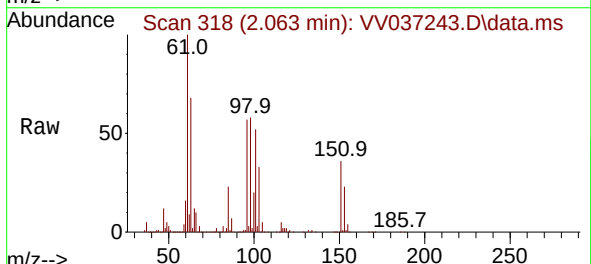
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ClientSampleId :

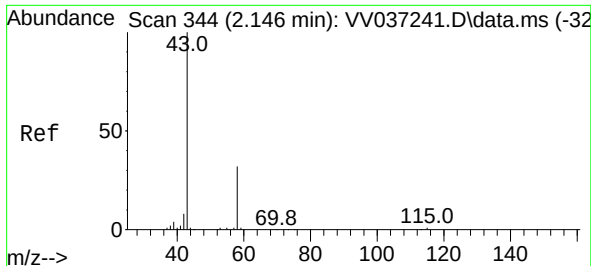
Tgt Ion:101 Resp: 535191
Ion Ratio Lower Upper
101 100
85 44.0 35.1 52.7
151 69.1 55.3 82.9



#12
1,1-Dichloroethene
Concen: 20.057 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 96 Resp: 502248
Ion Ratio Lower Upper
96 100
61 176.1 119.9 222.7
63 120.0 81.4 151.2





#13

Acetone

Concen: 200.050 ug/L

RT: 2.150 min Scan# 344

Delta R.T. 0.003 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_V

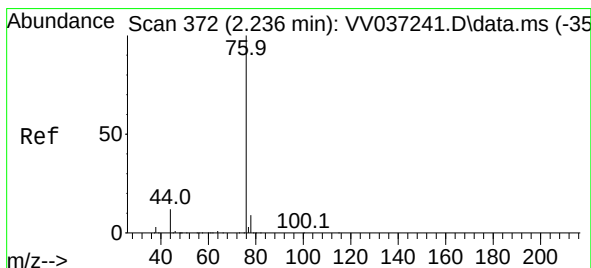
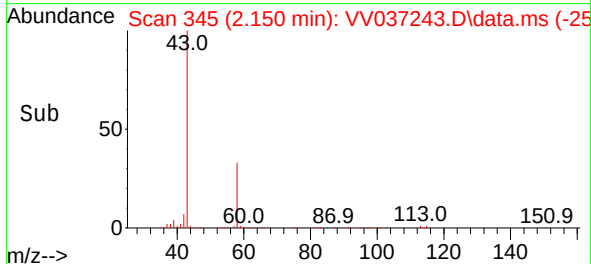
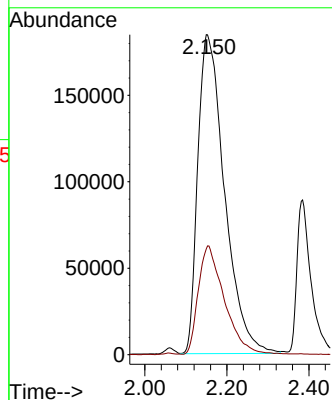
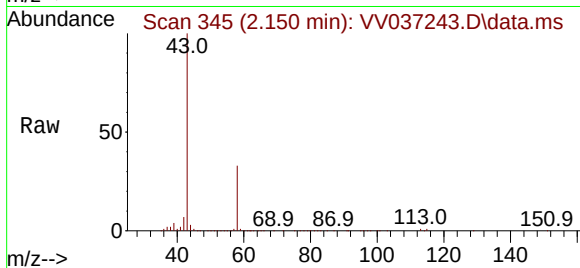
ClientSampleId :

Tgt Ion: 43 Resp: 834896

Ion Ratio Lower Upper

43 100

58 32.8 0.0 69.2



#14

Carbon disulfide

Concen: 20.476 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037243.D

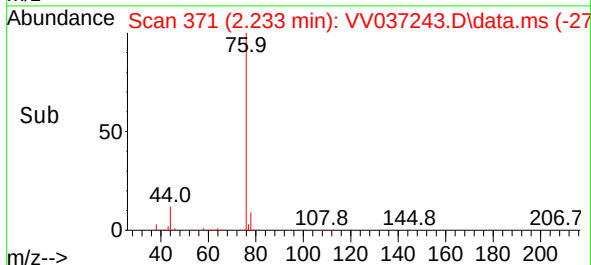
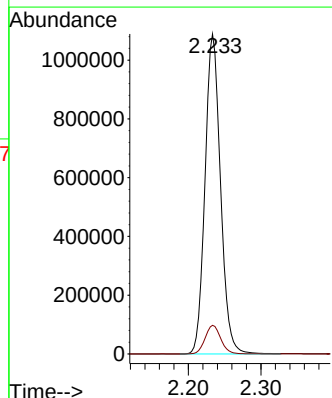
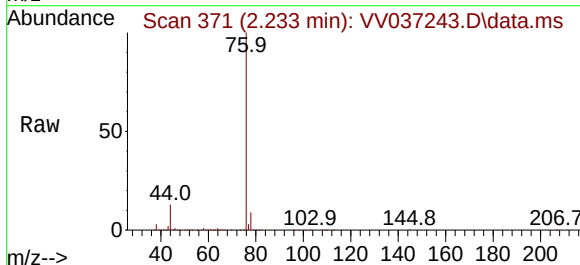
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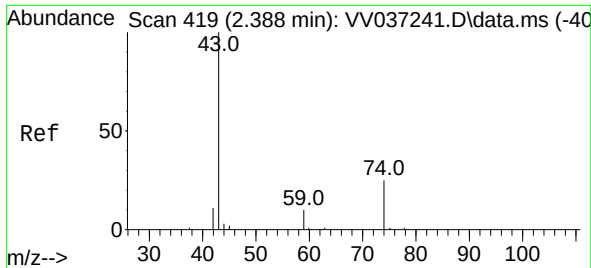
Tgt Ion: 76 Resp: 1616765

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

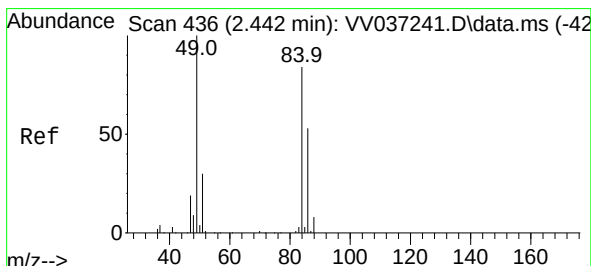
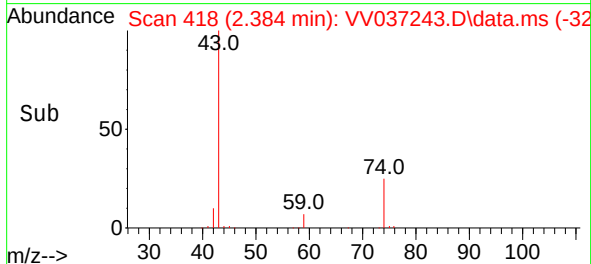
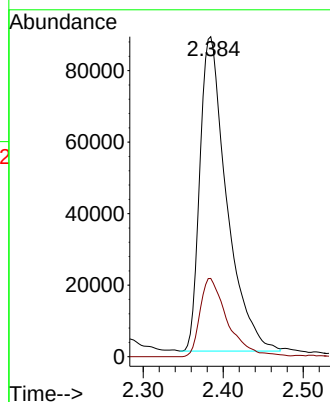
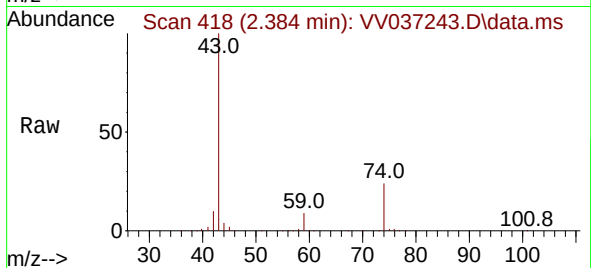




#15
Methyl Acetate
Concen: 20.876 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

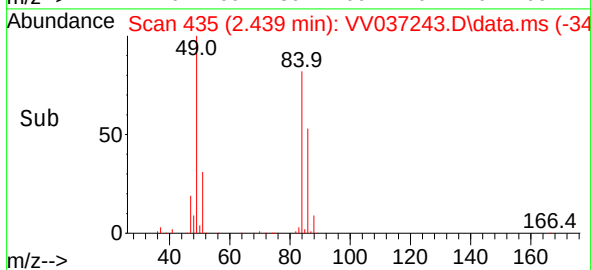
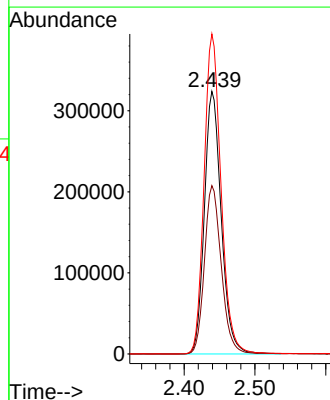
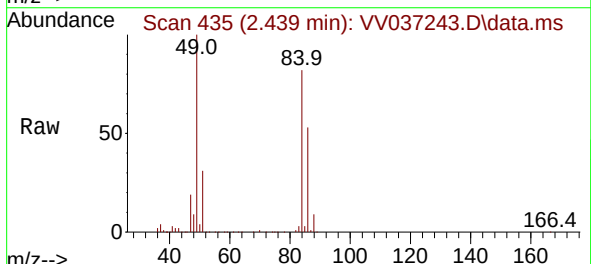
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MSVOA_V
ClientSampleId :

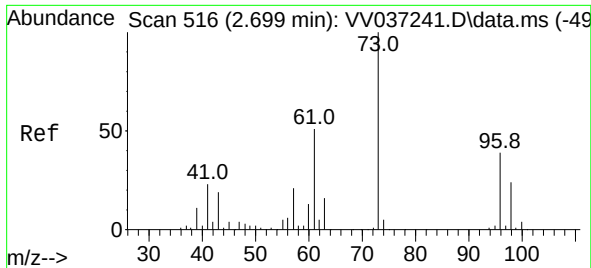
Tgt Ion: 43 Resp: 205352
Ion Ratio Lower Upper
43 100
74 25.5 21.0 31.4



#16
Methylene chloride
Concen: 18.646 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 84 Resp: 536793
Ion Ratio Lower Upper
84 100
86 64.1 44.0 81.8
49 121.9 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 20.938 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

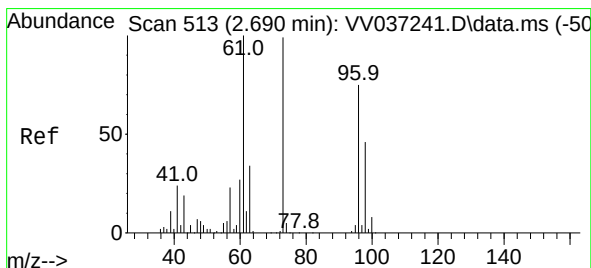
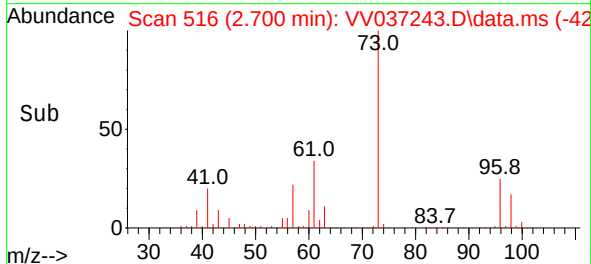
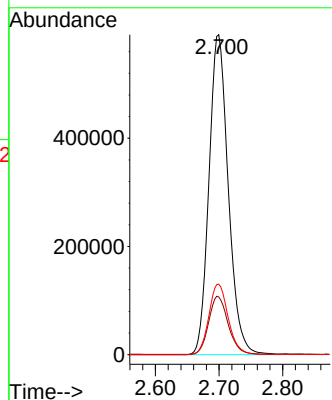
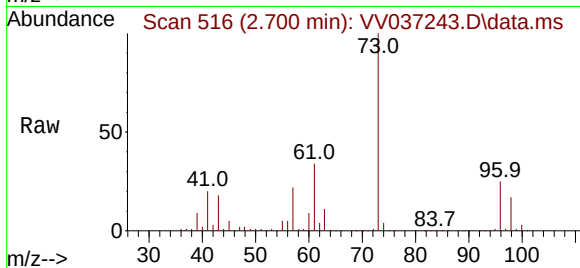
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73 Resp: 1246364

Ion	Ratio	Lower	Upper
73	100		
43	18.4	14.5	21.7
57	22.2	17.7	26.5



#18

trans-1,2-Dichloroethene

Concen: 20.315 ug/L

RT: 2.687 min Scan# 512

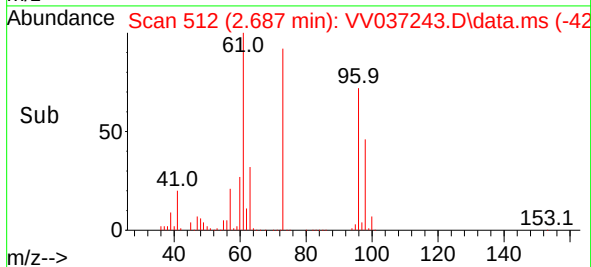
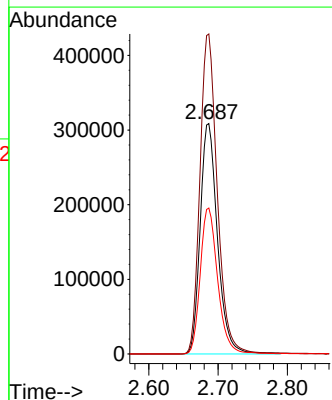
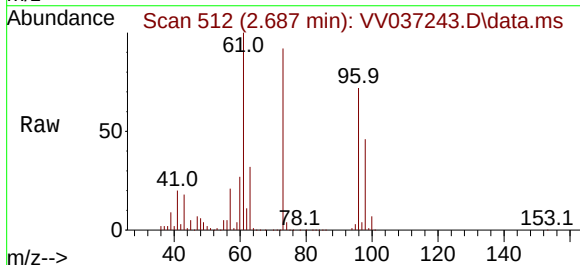
Delta R.T. -0.003 min

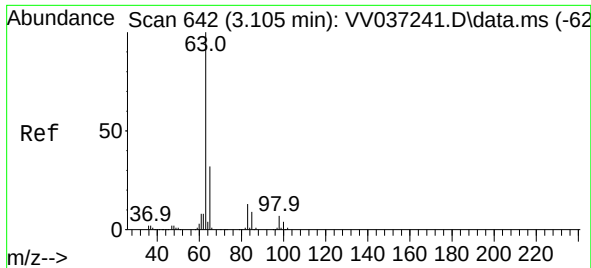
Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Tgt Ion: 96 Resp: 535226

Ion	Ratio	Lower	Upper
96	100		
61	138.9	92.8	172.4
98	63.3	43.0	79.8

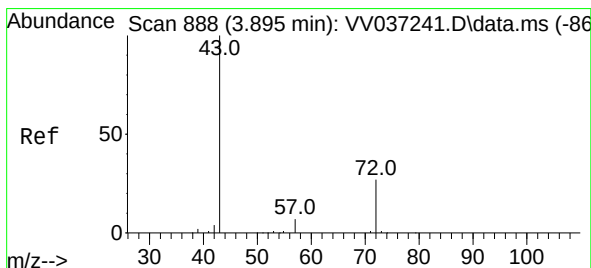
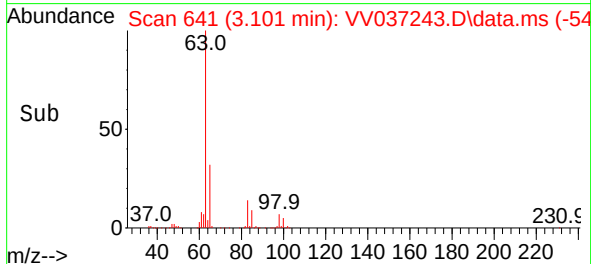
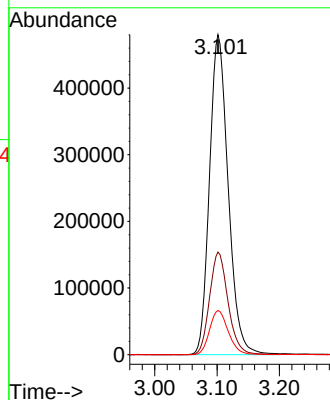
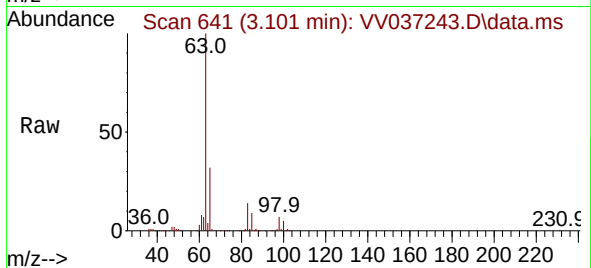




#19
1,1-Dichloroethane
Concen: 19.857 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

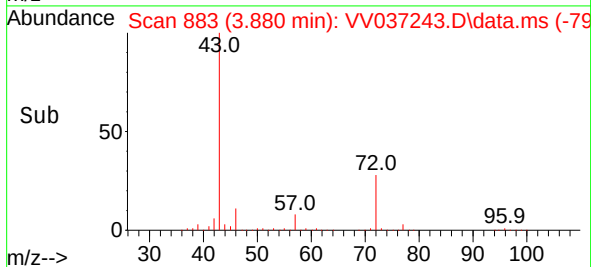
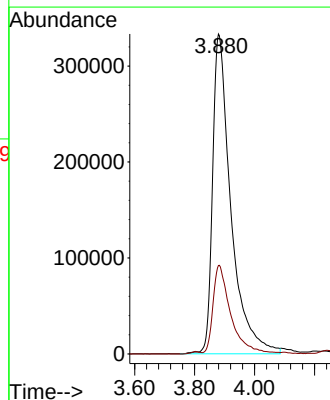
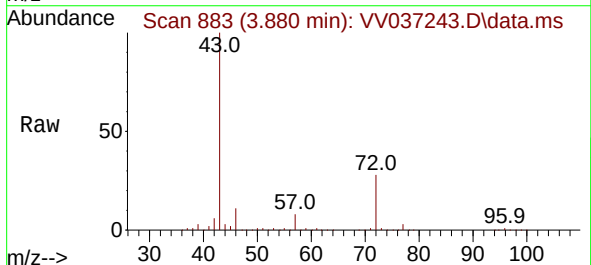
Instrument :
MSVOA_V
ClientSampleId :

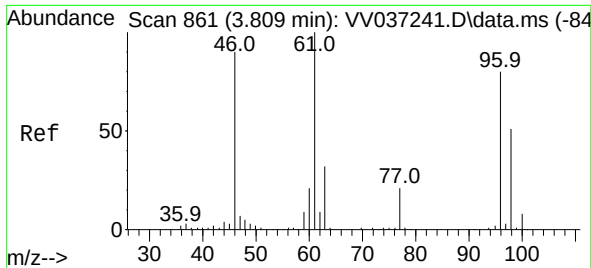
Tgt Ion: 63 Resp: 998973
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.7
83 13.8 8.9 16.5



#21
2-Butanone
Concen: 229.705 ug/L
RT: 3.880 min Scan# 883
Delta R.T. -0.016 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

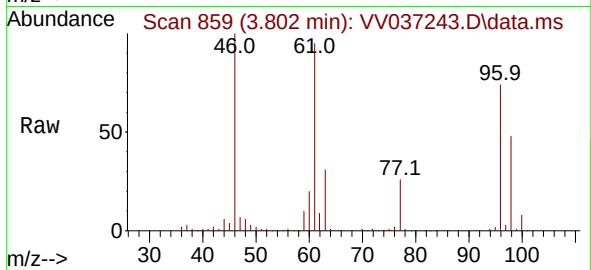
Tgt Ion: 43 Resp: 1413500
Ion Ratio Lower Upper
43 100
72 26.1 12.2 36.6





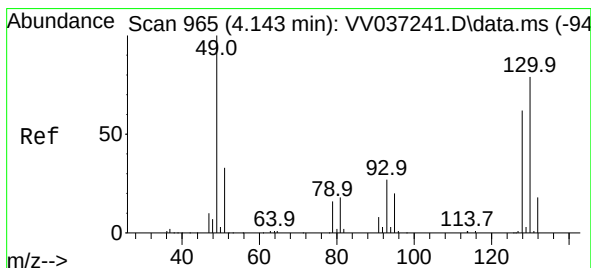
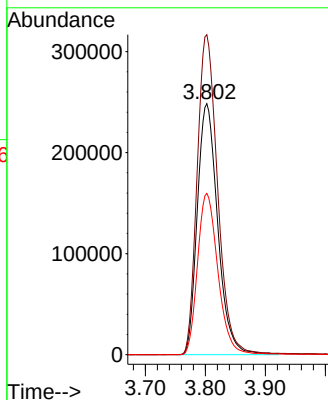
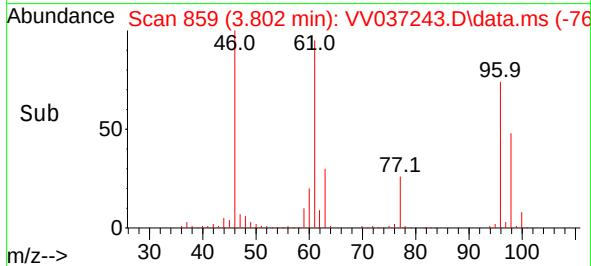
#22
 cis-1,2-Dichloroethene
 Concen: 20.720 ug/L
 RT: 3.802 min Scan# 861
 Delta R.T. -0.006 min
 Lab File: VV037243.D
 Acq: 10 Sep 2024 11:32

Instrument :
 MSVOA_V
 ClientSampleId :

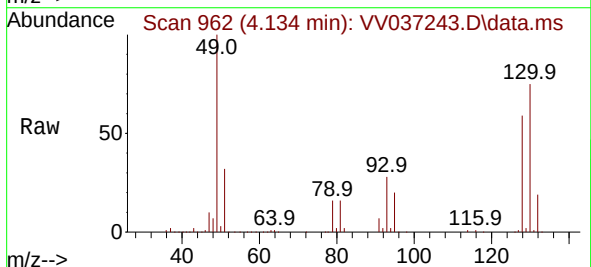


Tgt Ion: 96 Resp: 590150

Ion	Ratio	Lower	Upper
96	100		
61	127.5	87.6	162.6
98	64.2	44.9	83.5

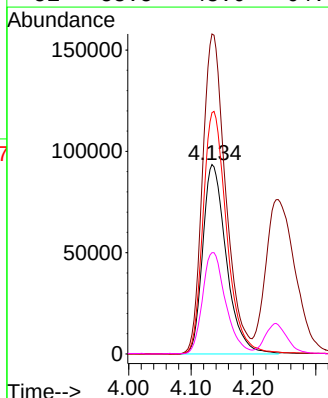
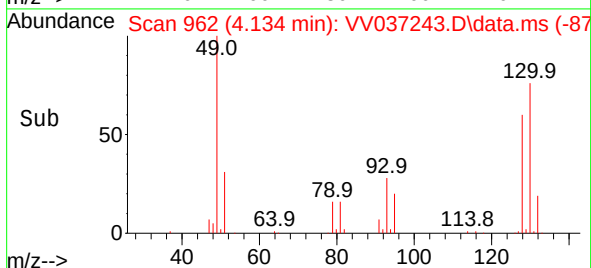


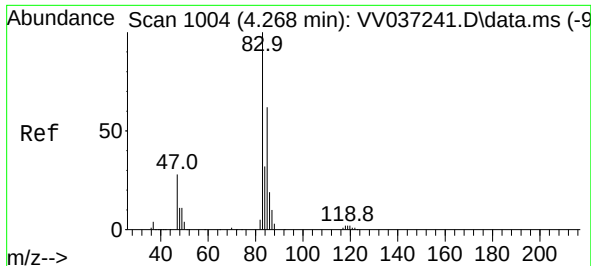
#23
 Bromochloromethane
 Concen: 19.896 ug/L
 RT: 4.134 min Scan# 962
 Delta R.T. -0.010 min
 Lab File: VV037243.D
 Acq: 10 Sep 2024 11:32



Tgt Ion: 128 Resp: 245412

Ion	Ratio	Lower	Upper
128	100		
49	169.0	114.0	211.8
130	127.4	89.3	165.9
51	53.5	43.0	64.4





#25

Chloroform

Concen: 19.727 ug/L

RT: 4.262 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_V

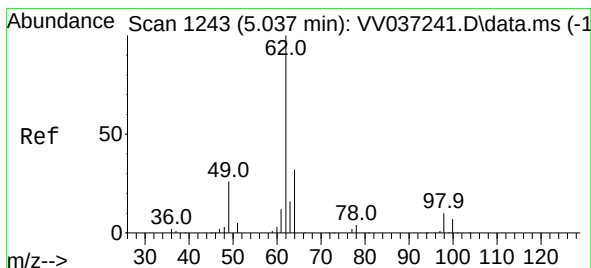
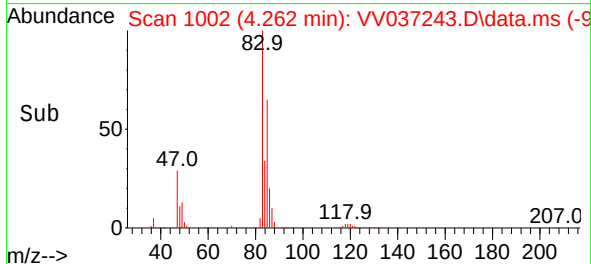
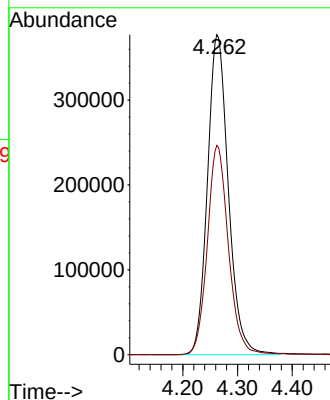
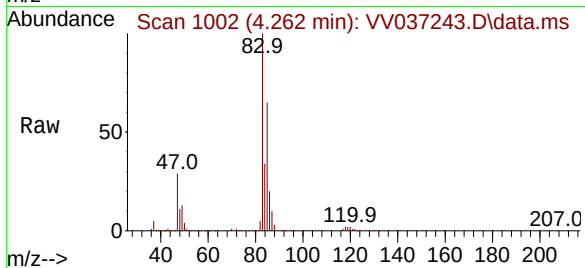
ClientSampleId :

Tgt Ion: 83 Resp: 999802

Ion Ratio Lower Upper

83 100

85 65.4 43.8 81.4



#27

1,2-Dichloroethane

Concen: 20.776 ug/L

RT: 5.031 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VV037243.D

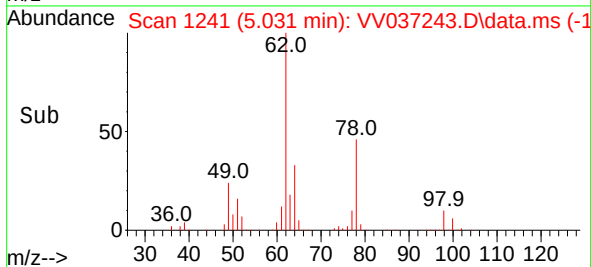
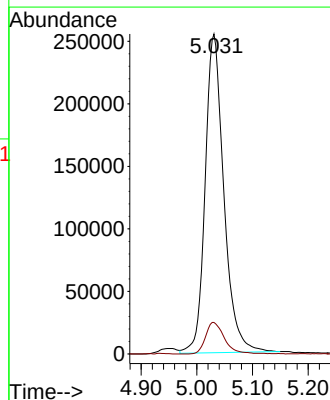
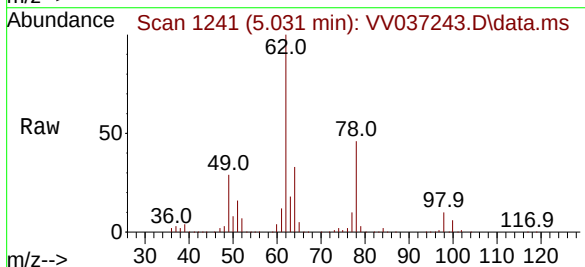
Acq: 10 Sep 2024 11:32

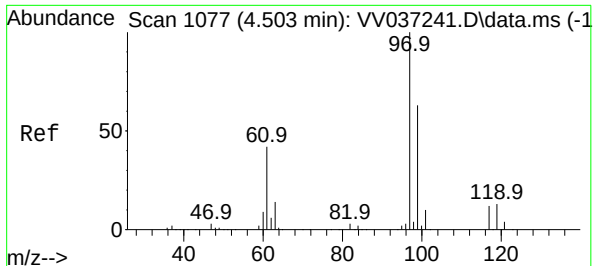
Tgt Ion: 62 Resp: 595790

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.4

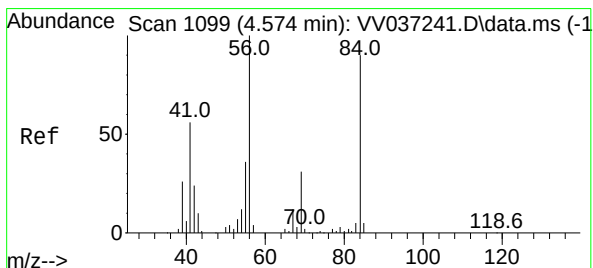
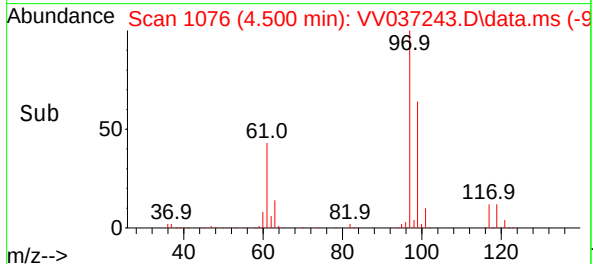
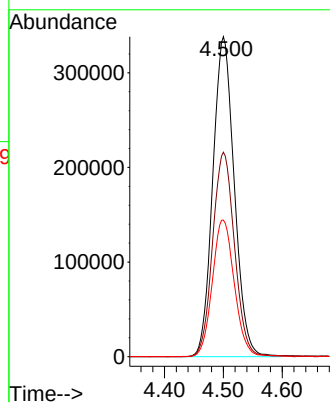
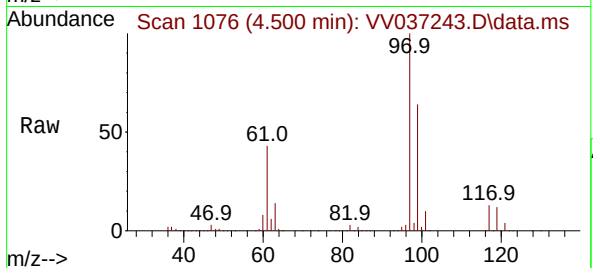




#29
1,1,1-Trichloroethane
Concen: 20.660 ug/L
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

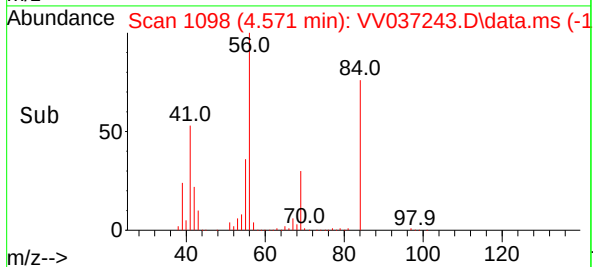
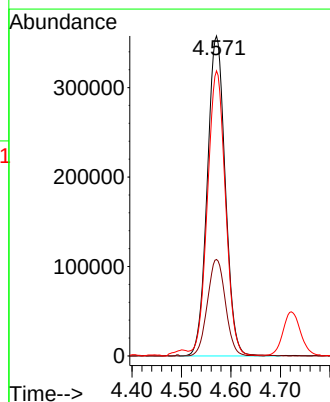
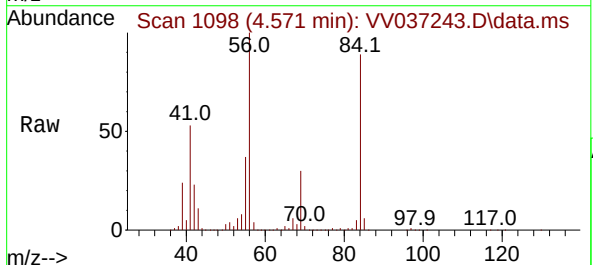
Instrument :
MSVOA_V
ClientSampleId :

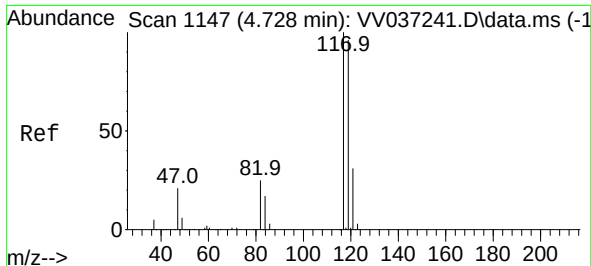
Tgt Ion: 97 Resp: 859509
Ion Ratio Lower Upper
97 100
99 65.1 50.0 75.0
61 43.6 34.3 51.5



#30
Cyclohexane
Concen: 22.314 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

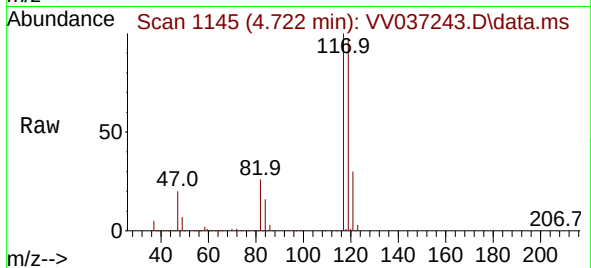
Tgt Ion: 56 Resp: 900576
Ion Ratio Lower Upper
56 100
69 30.4 24.1 36.1
84 89.2 73.1 109.7



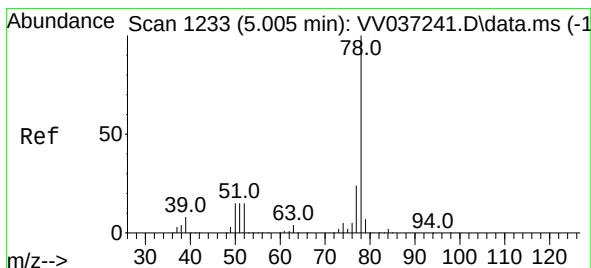
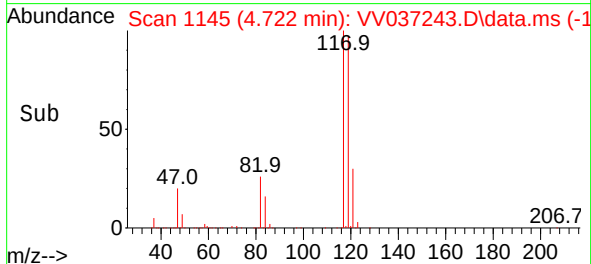
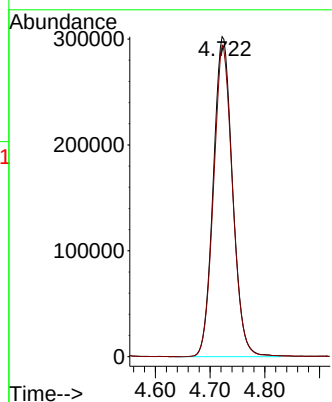


#31
Carbon tetrachloride
Concen: 20.886 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_V
ClientSampleId :

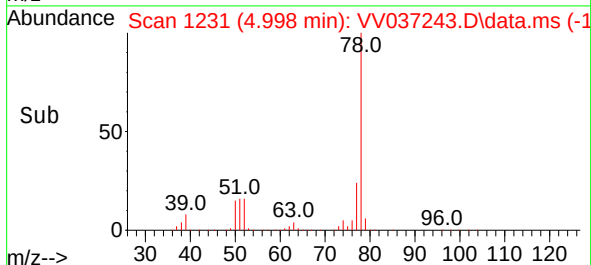
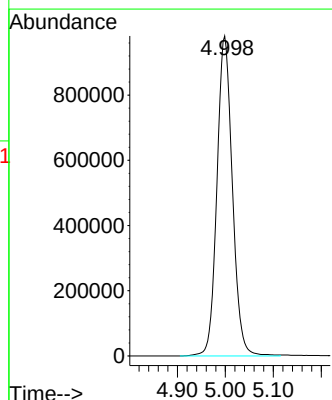
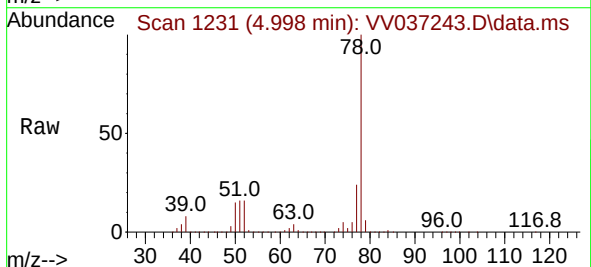


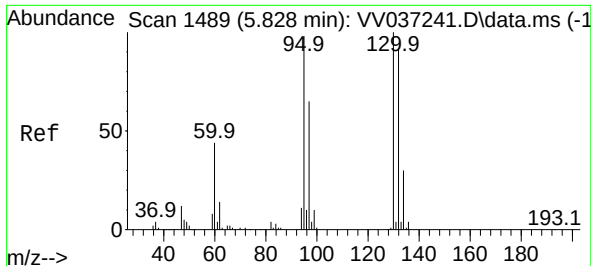
Tgt Ion:117 Resp: 739591
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.4



#33
Benzene
Concen: 20.783 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 78 Resp: 2197103





#34

Trichloroethene

Concen: 20.834 ug/L

RT: 5.822 min Scan# 1489

Delta R.T. -0.006 min

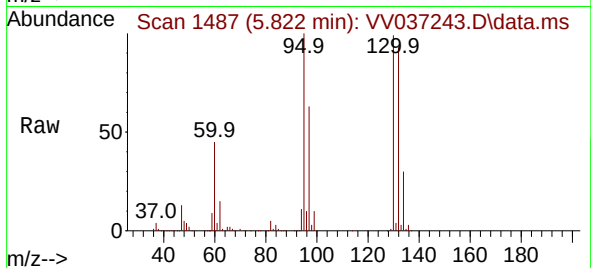
Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 593491

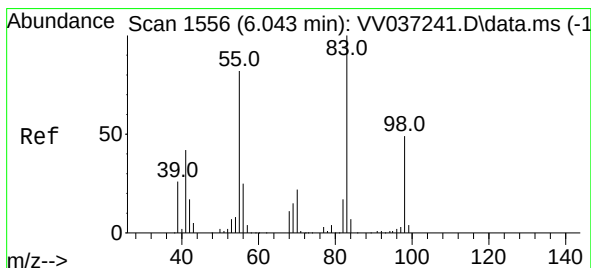
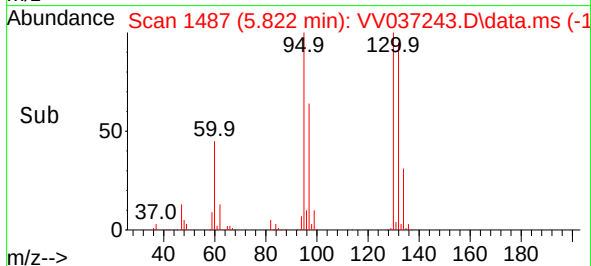
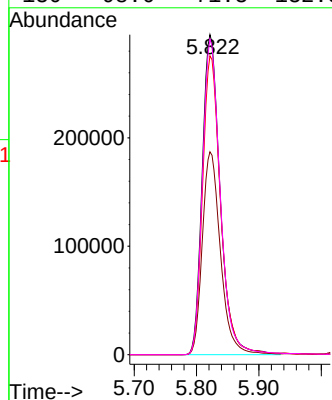
Ion Ratio Lower Upper

95 100

97 63.4 46.5 86.5

132 93.4 65.5 121.7

130 98.6 71.3 132.3



#35

Methylcyclohexane

Concen: 22.507 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

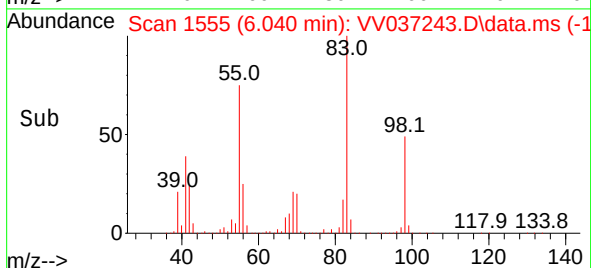
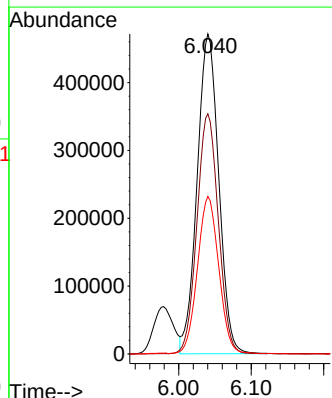
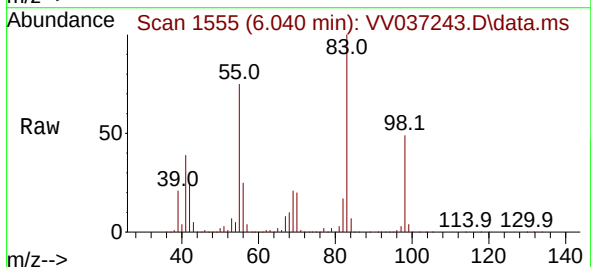
Tgt Ion: 83 Resp: 974650

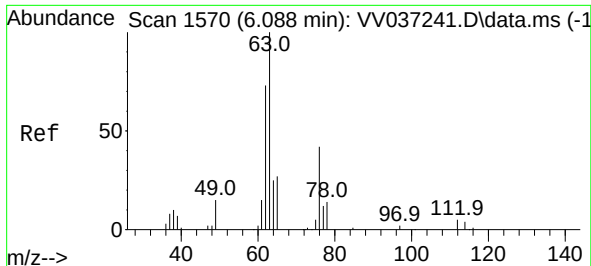
Ion Ratio Lower Upper

83 100

55 74.2 60.3 90.5

98 48.6 38.2 57.4

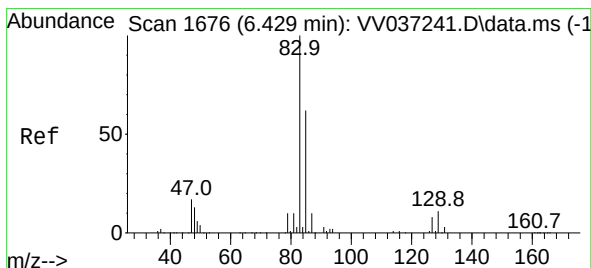
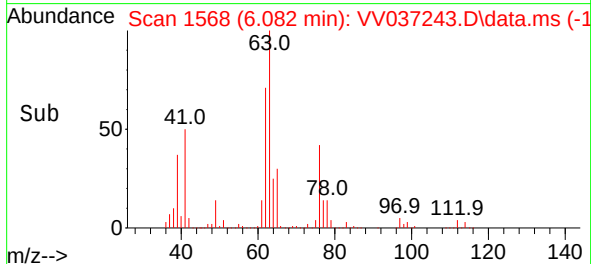
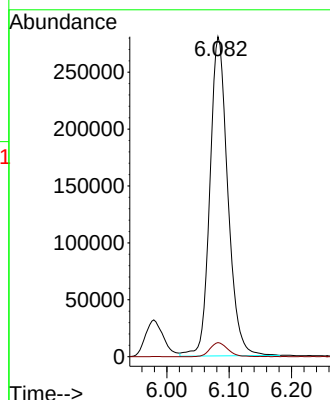
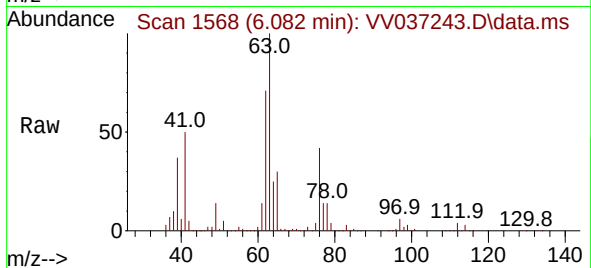




#37
1,2-Dichloropropane
Concen: 21.530 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

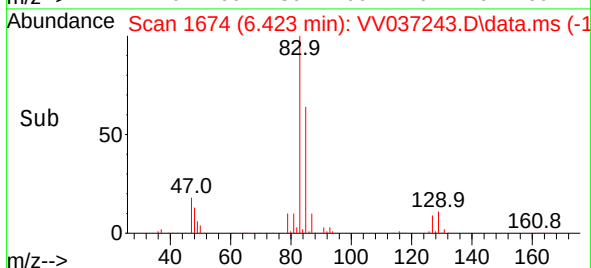
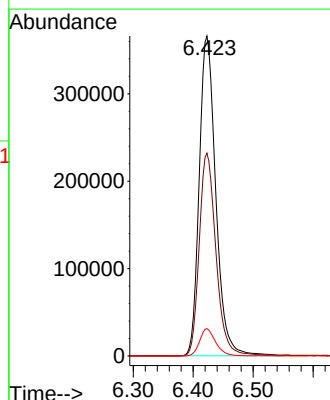
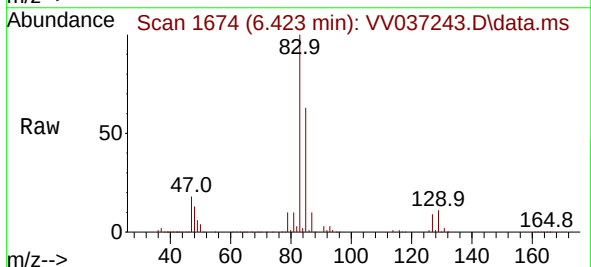
Instrument :
MSVOA_V
ClientSampleId :

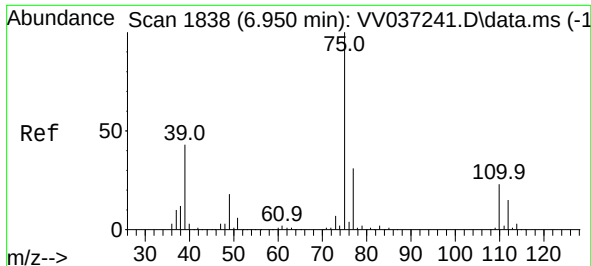
Tgt Ion: 63 Resp: 560668
Ion Ratio Lower Upper
63 100
112 4.4 3.7 5.5



#38
Bromodichloromethane
Concen: 20.955 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 83 Resp: 705581
Ion Ratio Lower Upper
83 100
85 63.4 43.7 81.1
127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 23.282 ug/L

RT: 6.944 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_V

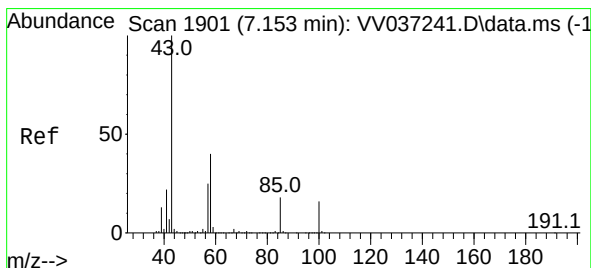
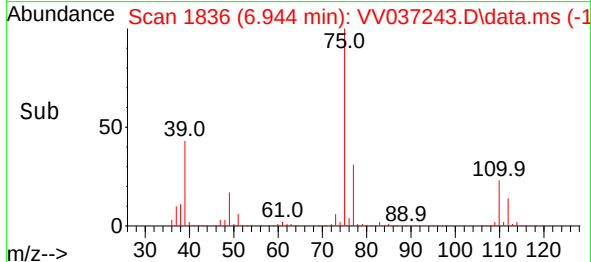
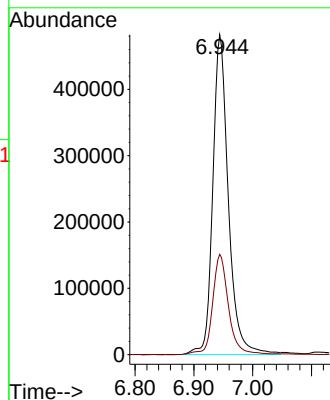
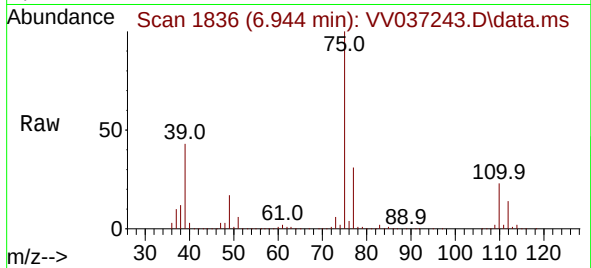
ClientSampleId :

Tgt Ion: 75 Resp: 886695

Ion Ratio Lower Upper

75 100

77 31.3 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 216.886 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. -0.003 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

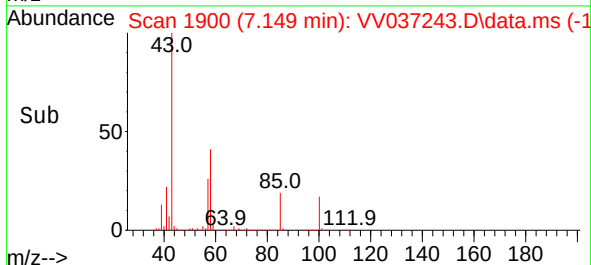
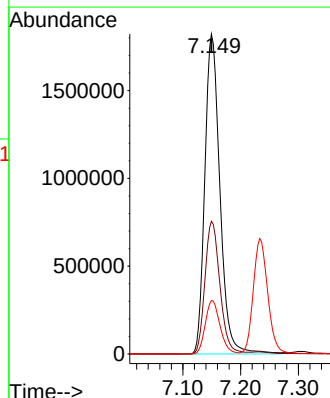
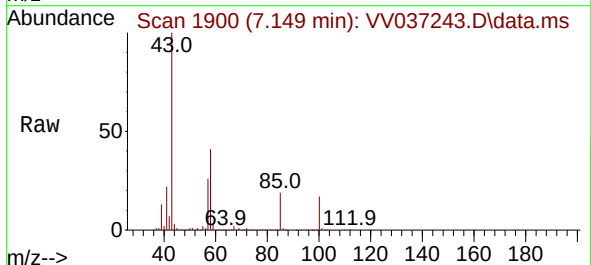
Tgt Ion: 43 Resp: 3313768

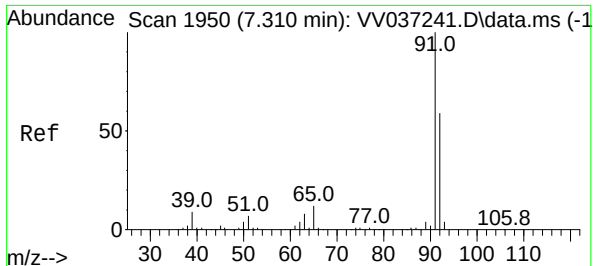
Ion Ratio Lower Upper

43 100

58 41.1 31.7 47.5

100 16.3 12.6 19.0





#42

Toluene

Concen: 21.448 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_V

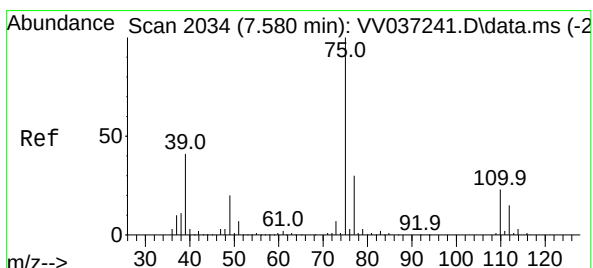
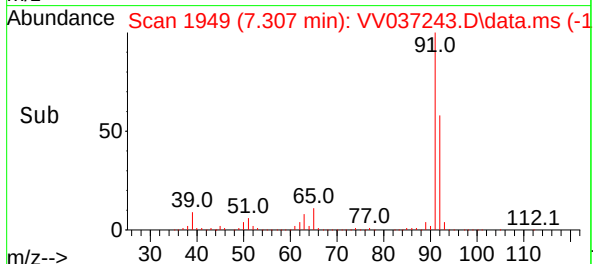
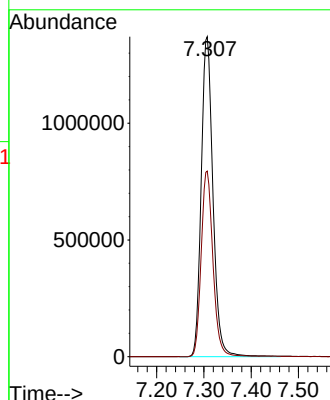
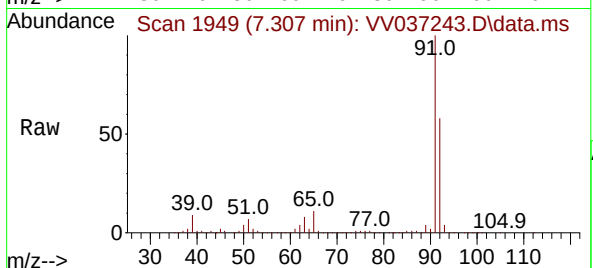
ClientSampleId :

Tgt Ion: 91 Resp: 2358550

Ion Ratio Lower Upper

91 100

92 58.0 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 23.191 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. -0.010 min

Lab File: VV037243.D

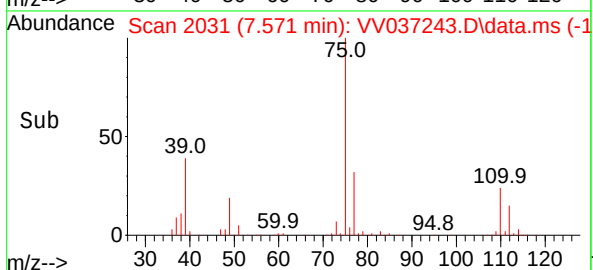
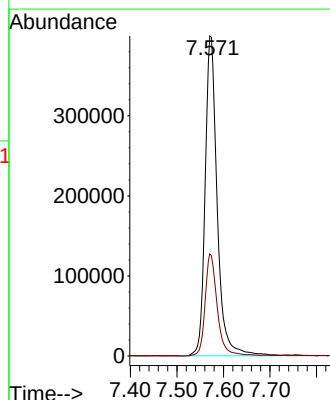
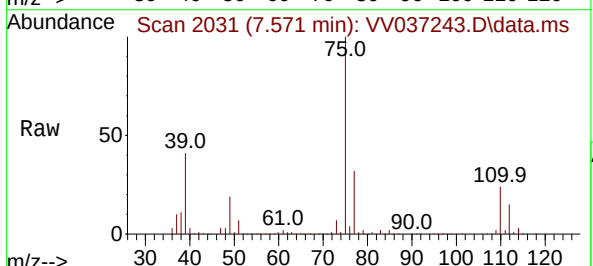
Acq: 10 Sep 2024 11:32

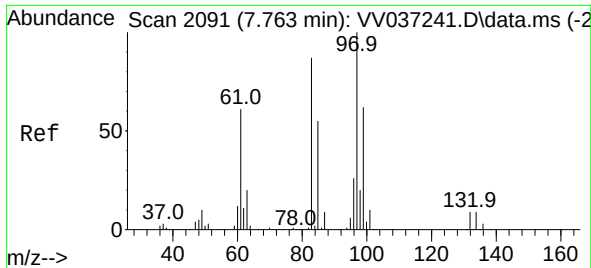
Tgt Ion: 75 Resp: 719397

Ion Ratio Lower Upper

75 100

77 31.9 20.9 38.9

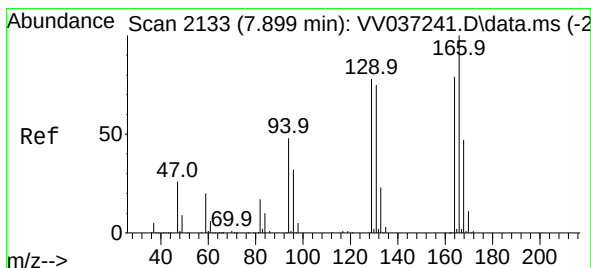
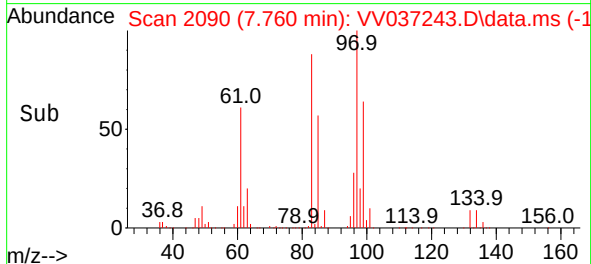
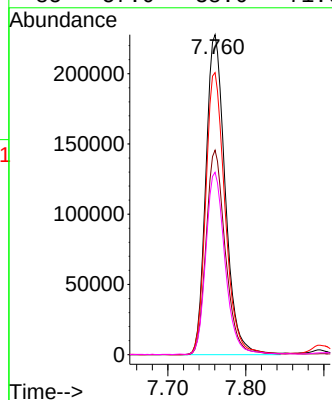
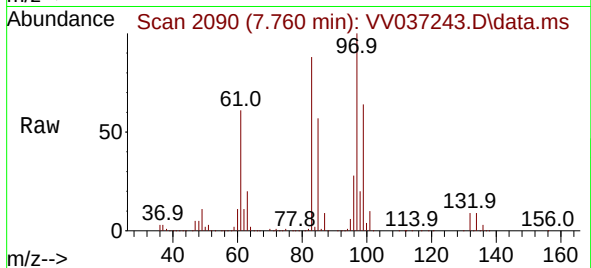




#45
1,1,2-Trichloroethane
Concen: 20.464 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

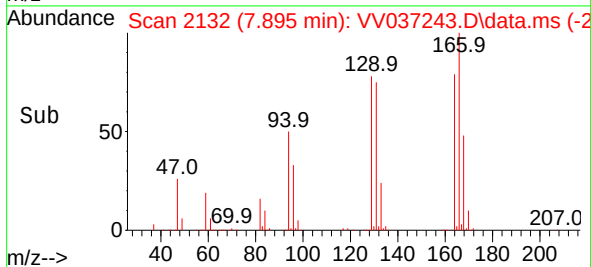
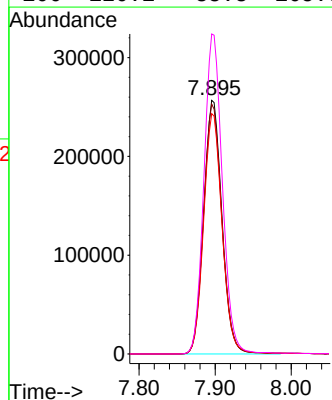
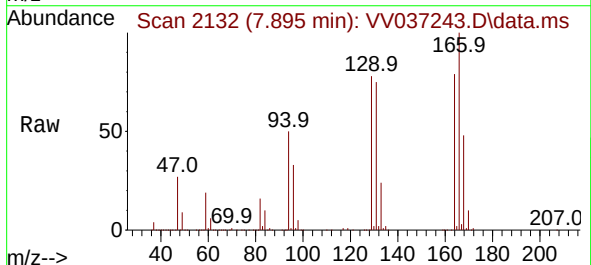
Instrument :
MSVOA_V
ClientSampleId :

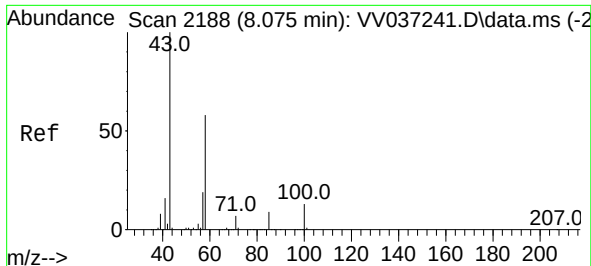
Tgt Ion:	97	Resp:	393940
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.1	80.1
83	88.2	61.0	113.4
85	57.0	38.6	71.6



#47
Tetrachloroethene
Concen: 21.158 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

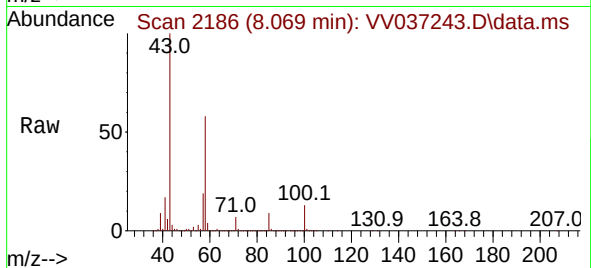
Tgt Ion:	164	Resp:	431370
Ion	Ratio	Lower	Upper
164	100		
129	98.5	69.2	128.4
131	94.7	66.6	123.8
166	126.1	88.8	165.0





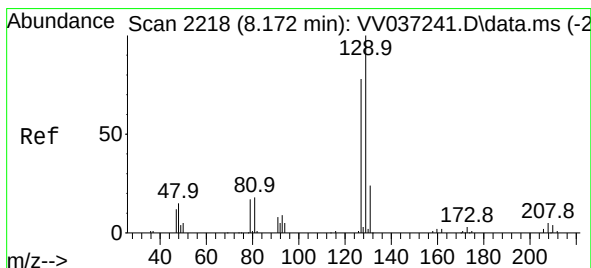
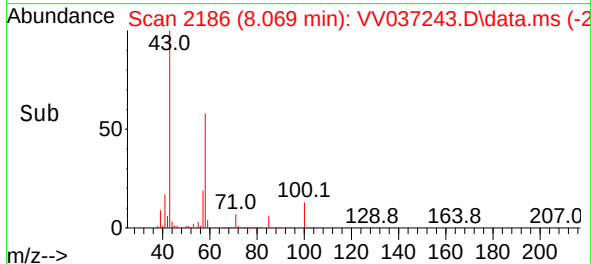
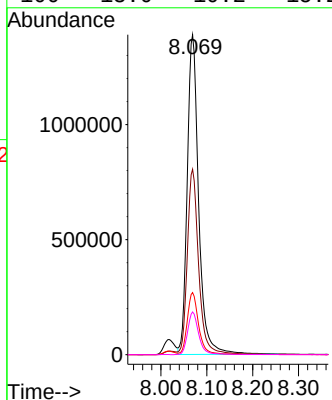
#48
2-Hexanone
Concen: 228.564 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 2405867

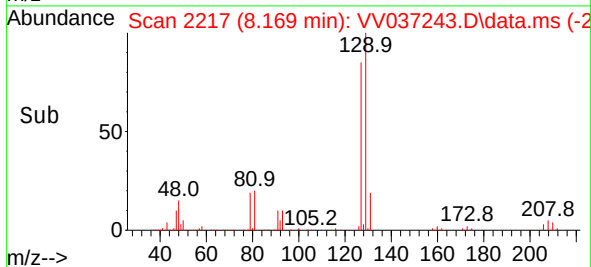
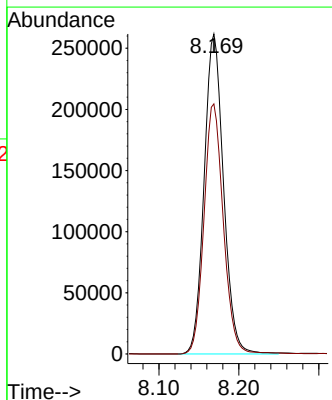
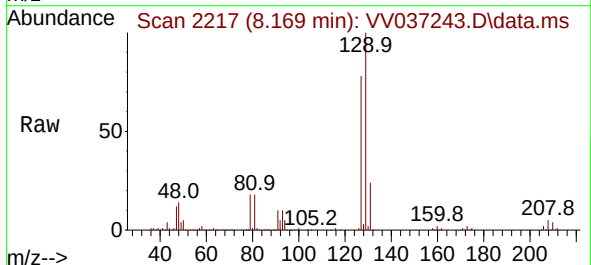
Ion	Ratio	Lower	Upper
43	100		
58	56.9	45.5	68.3
57	19.2	15.3	22.9
100	13.0	10.2	15.2

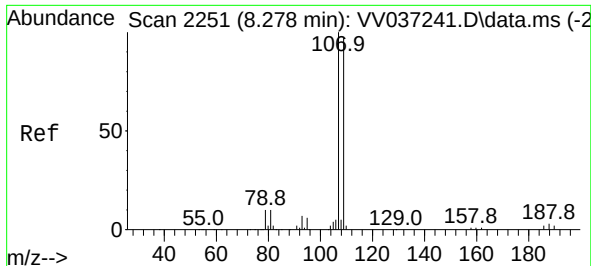


#49
Dibromochloromethane
Concen: 21.884 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

Tgt Ion:129 Resp: 441334

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.5	101.1





#50

1,2-Dibromoethane

Concen: 20.994 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_V

ClientSampleId :

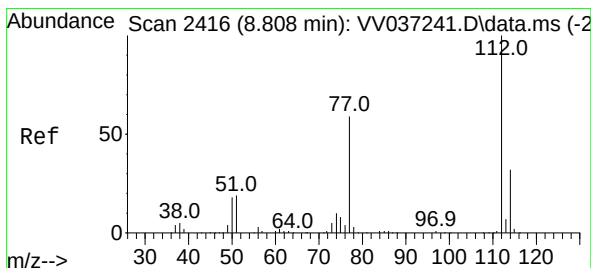
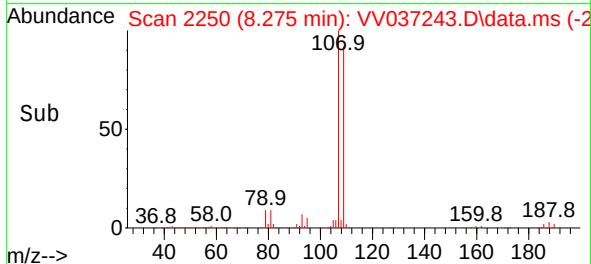
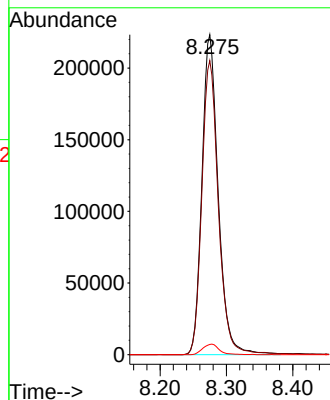
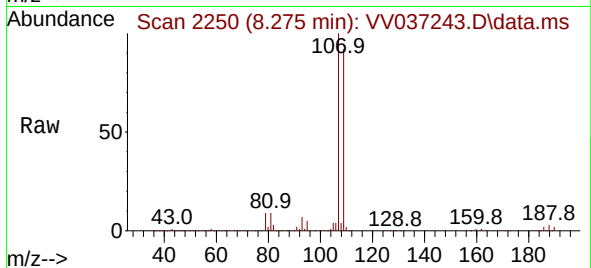
Tgt Ion:107 Resp: 381839

Ion Ratio Lower Upper

107 100

109 91.9 68.1 126.5

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 20.729 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.003 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

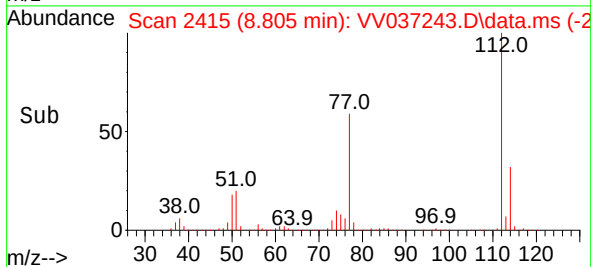
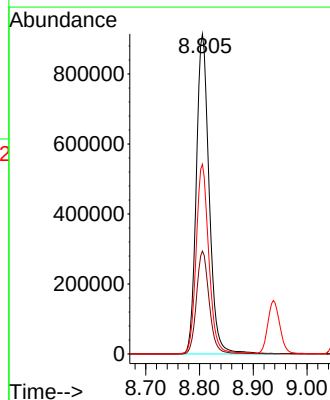
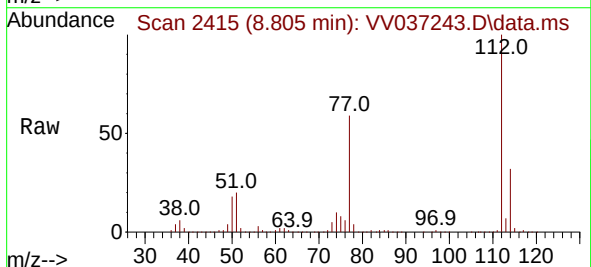
Tgt Ion:112 Resp: 1517827

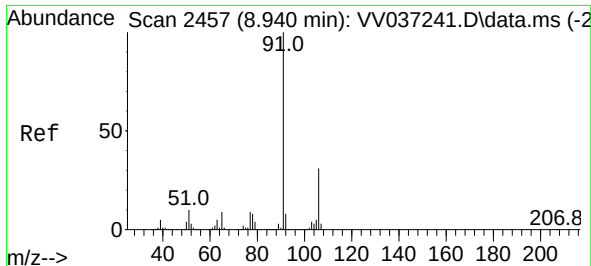
Ion Ratio Lower Upper

112 100

114 32.2 22.6 42.0

77 59.3 47.0 70.6





#52

Ethylbenzene

Concen: 21.945 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_V

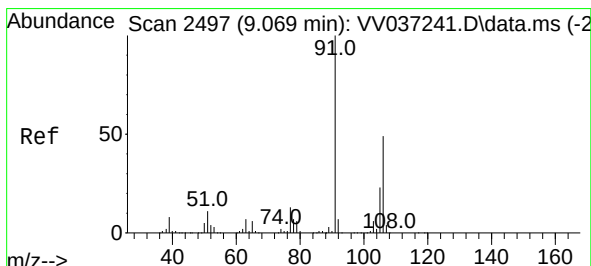
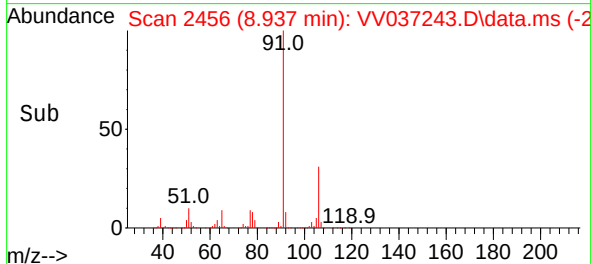
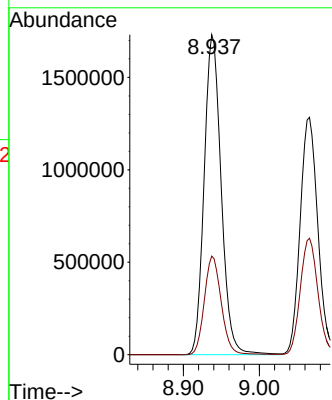
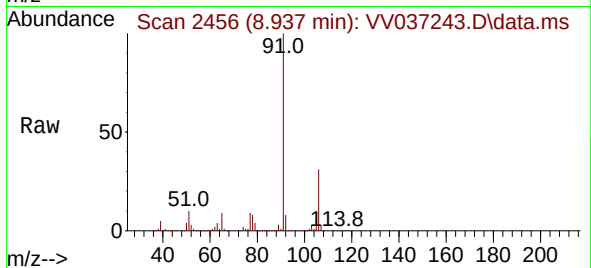
ClientSampleId :

Tgt Ion: 91 Resp: 2693297

Ion Ratio Lower Upper

91 100

106 30.8 21.7 40.3



#53

m,p-Xylene

Concen: 22.632 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.003 min

Lab File: VV037243.D

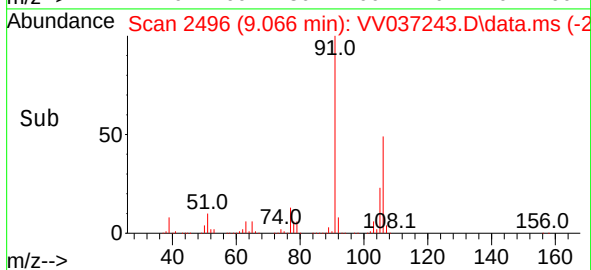
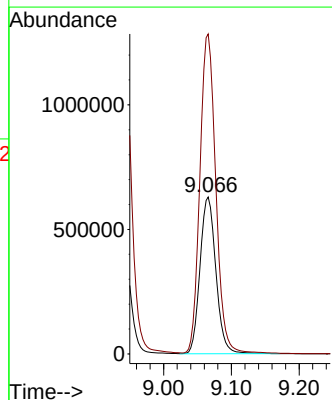
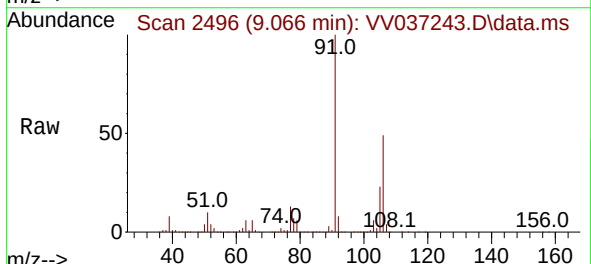
Acq: 10 Sep 2024 11:32

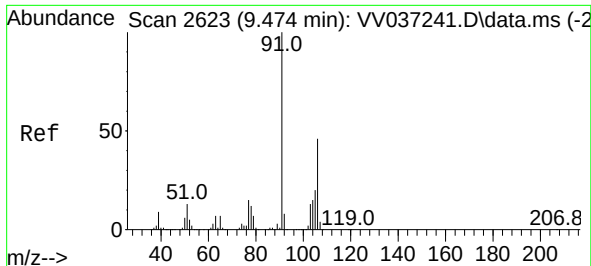
Tgt Ion:106 Resp: 1021943

Ion Ratio Lower Upper

106 100

91 203.8 143.3 266.1

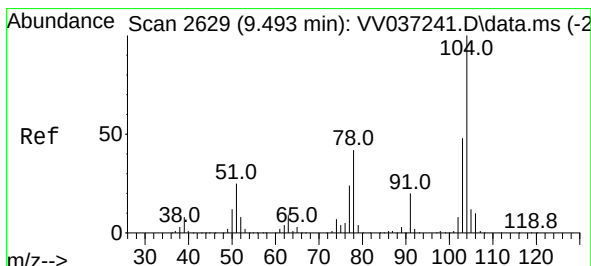
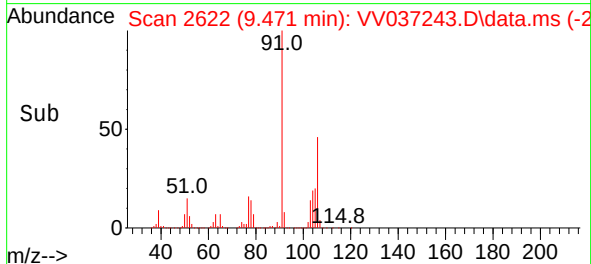
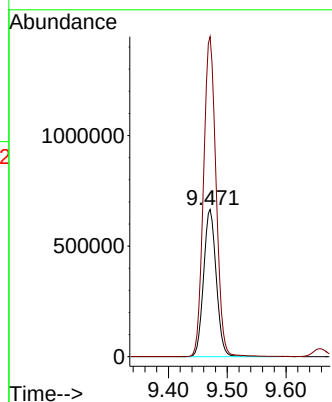
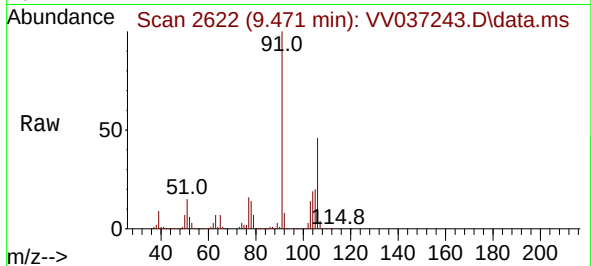




#54
o-Xylene
Concen: 22.197 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

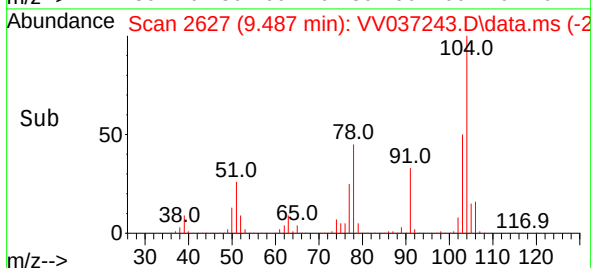
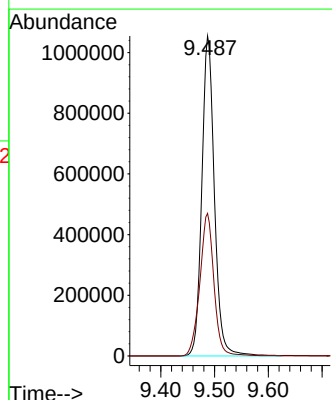
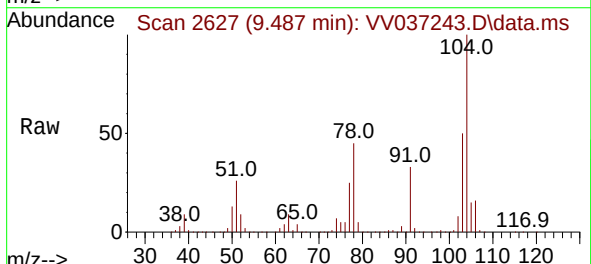
Instrument :
MSVOA_V
ClientSampleId :

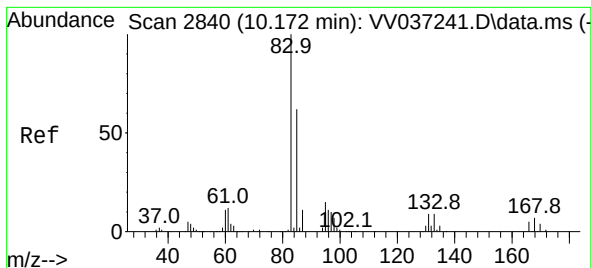
Tgt Ion:106 Resp: 992289
Ion Ratio Lower Upper
106 100
91 217.3 151.8 282.0



#55
Styrene
Concen: 22.682 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.006 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

Tgt Ion:104 Resp: 1719041
Ion Ratio Lower Upper
104 100
78 44.5 29.2 54.2

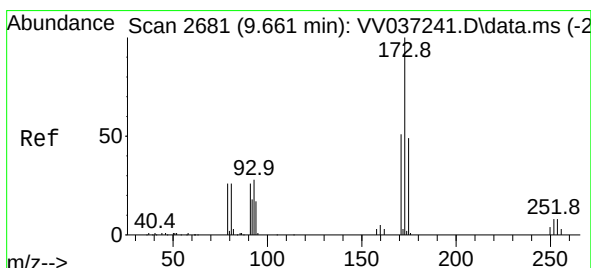
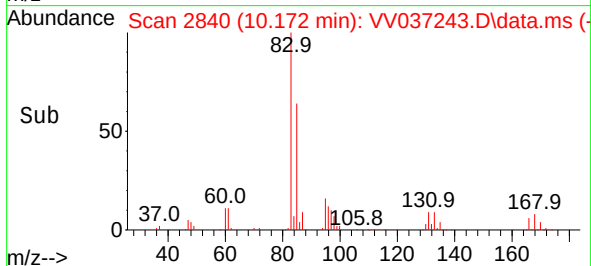
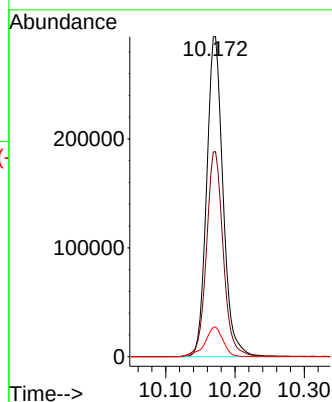
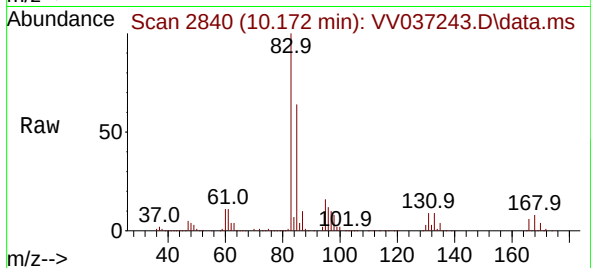




#57
1,1,2,2-Tetrachloroethane
Concen: 20.705 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

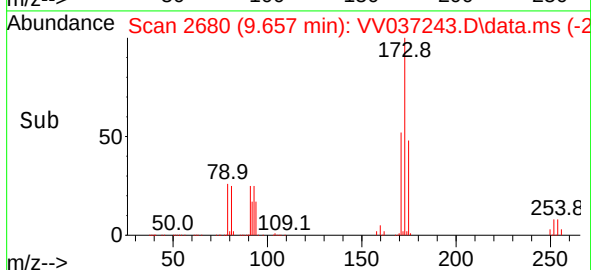
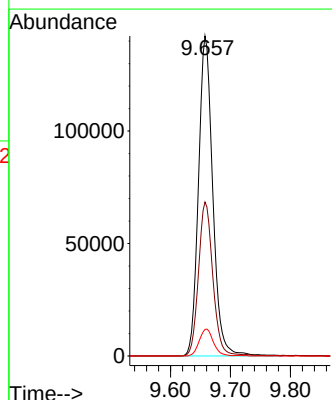
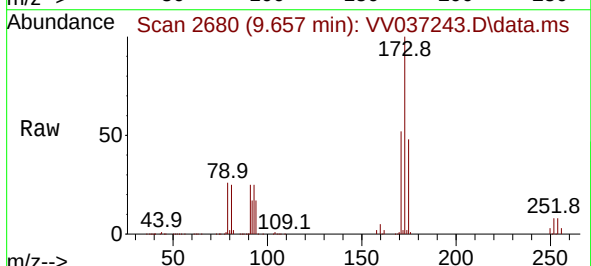
Instrument :
MSVOA_V
ClientSampleId :

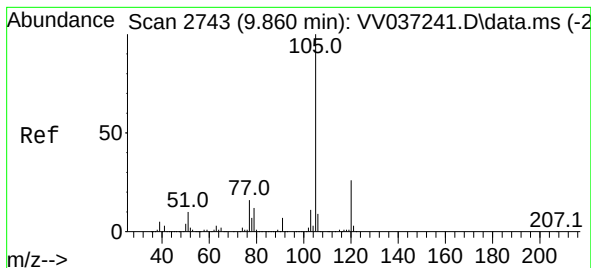
Tgt Ion: 83 Resp: 481492
Ion Ratio Lower Upper
83 100
85 64.1 43.2 80.2
131 9.3 6.9 10.3



#59
Bromoform
Concen: 21.733 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 173 Resp: 236481
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 8.3 6.8 10.2





#60

Isopropylbenzene

Concen: 21.596 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

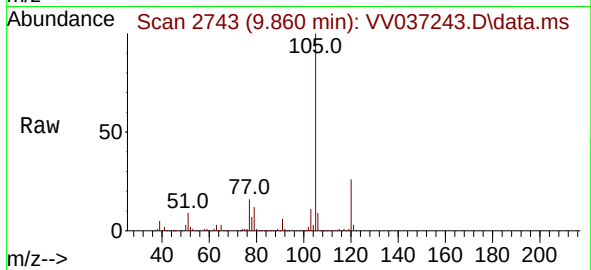
Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_V

ClientSampleId :



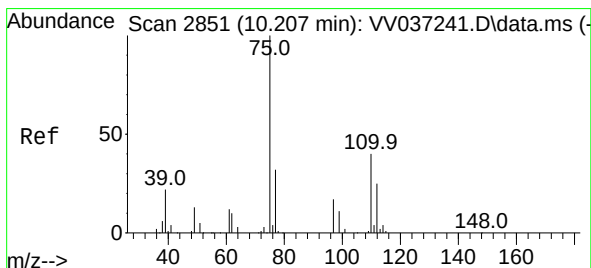
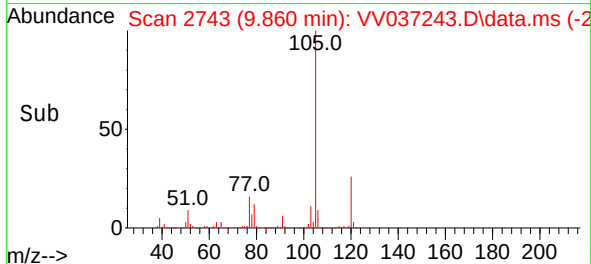
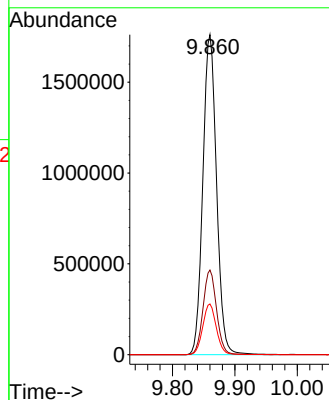
Tgt Ion:105 Resp: 2688687

Ion Ratio Lower Upper

105 100

120 26.2 20.2 30.4

77 15.7 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 19.792 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. -0.006 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

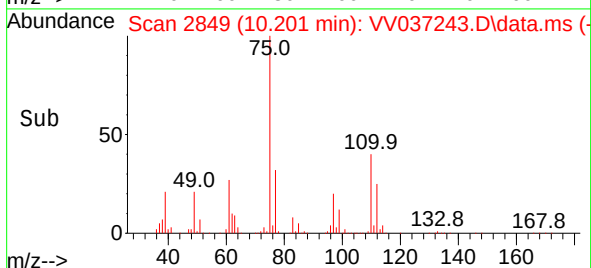
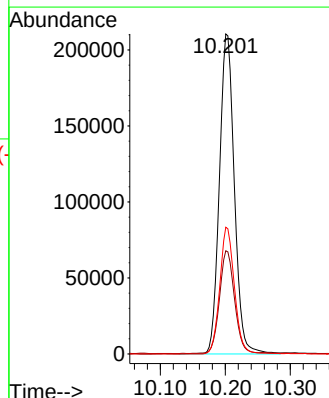
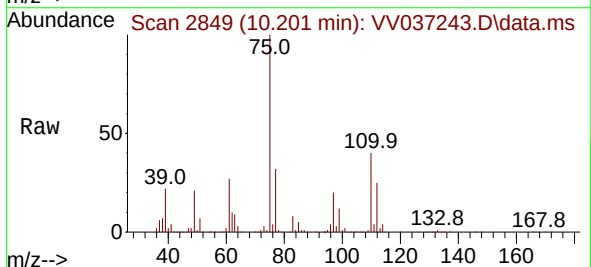
Tgt Ion: 75 Resp: 334994

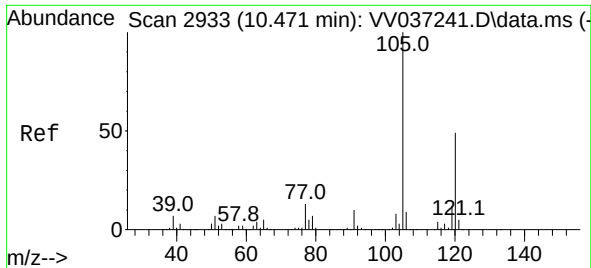
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

110 38.9 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 22.694 ug/L

RT: 10.468 min Scan# 2933

Delta R.T. -0.003 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_V

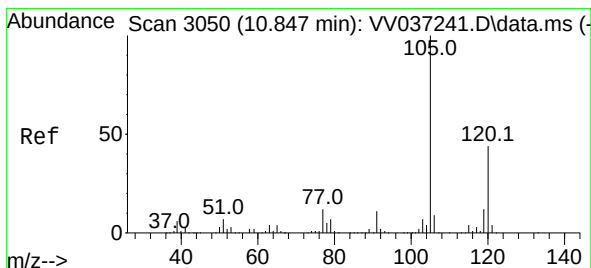
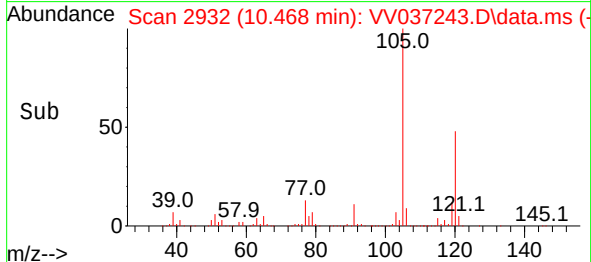
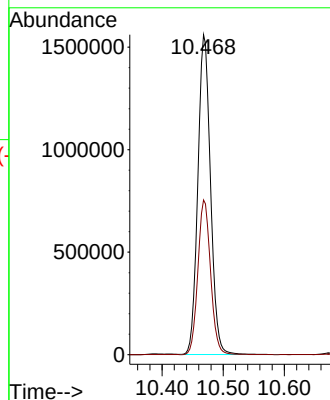
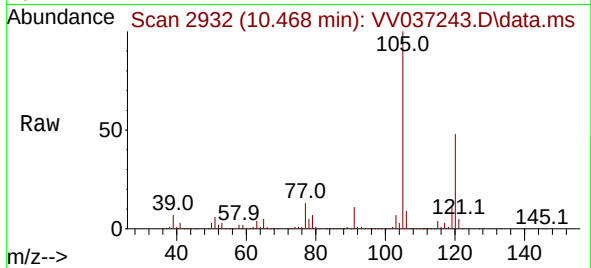
ClientSampleId :

Tgt Ion:105 Resp: 2240426

Ion Ratio Lower Upper

105 100

120 48.5 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 22.910 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.003 min

Lab File: VV037243.D

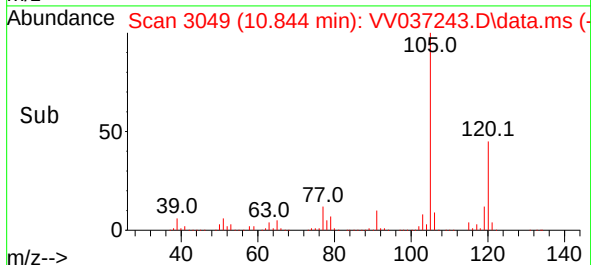
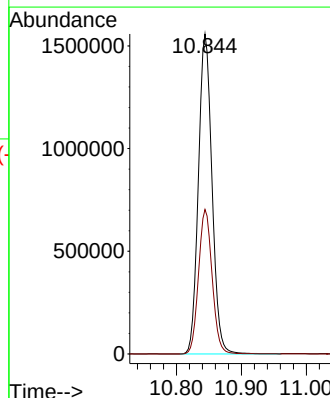
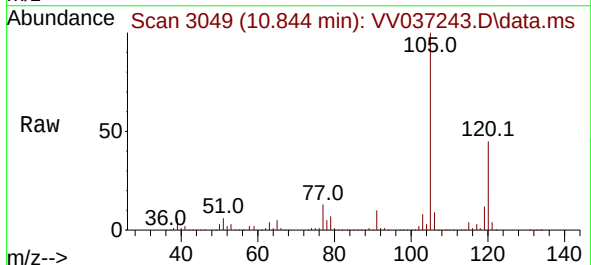
Acq: 10 Sep 2024 11:32

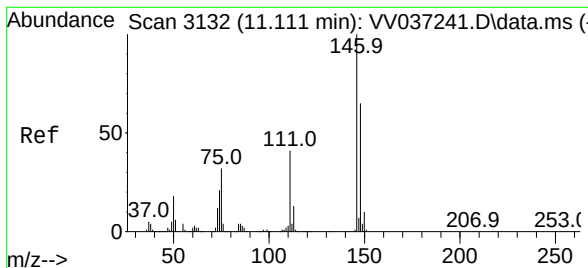
Tgt Ion:105 Resp: 2271896

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 20.847 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_V

ClientSampleId :

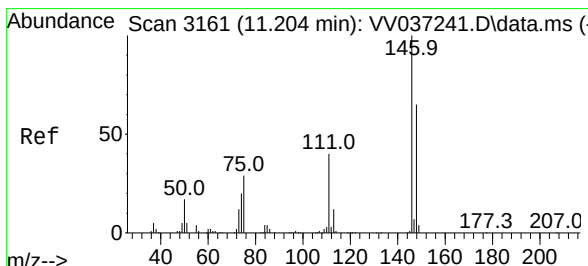
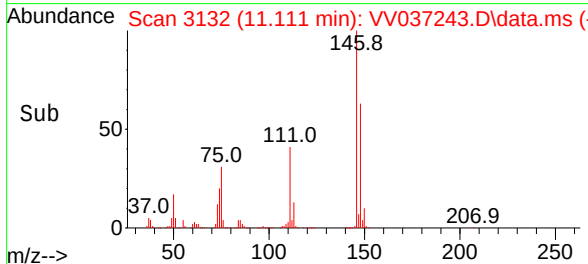
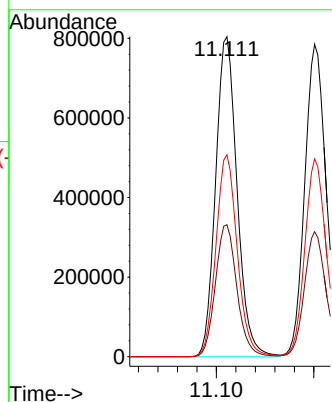
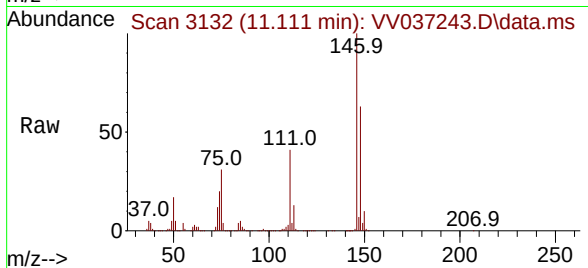
Tgt Ion:146 Resp: 1226967

Ion Ratio Lower Upper

146 100

111 41.3 28.8 53.4

148 63.1 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 20.223 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.003 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

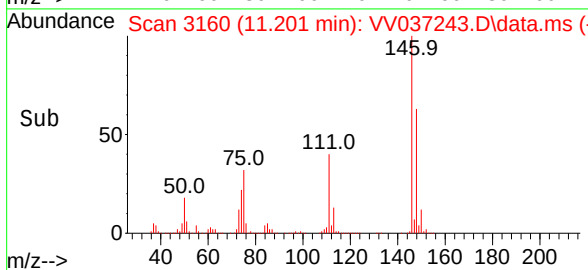
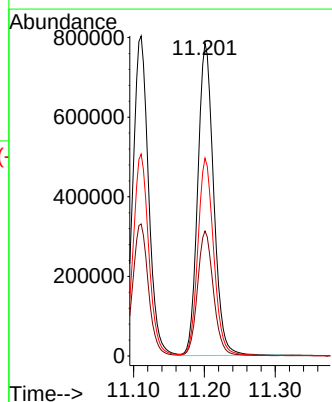
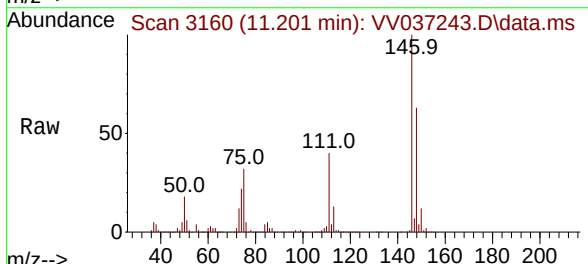
Tgt Ion:146 Resp: 1220600

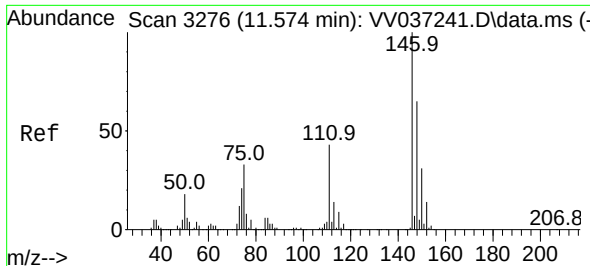
Ion Ratio Lower Upper

146 100

111 40.0 28.2 52.4

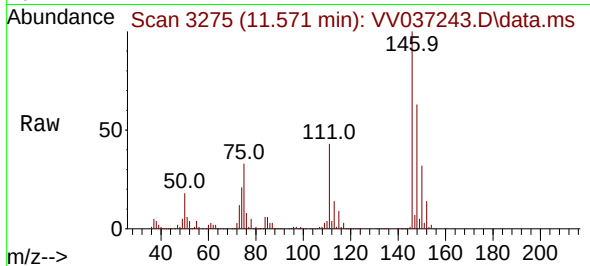
148 63.3 45.8 85.0



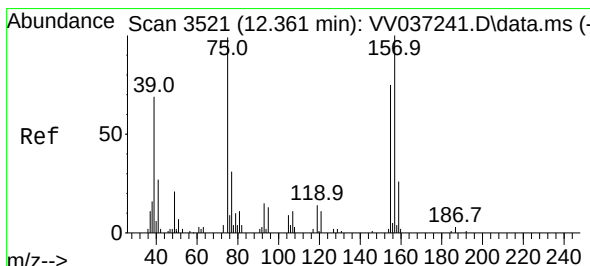
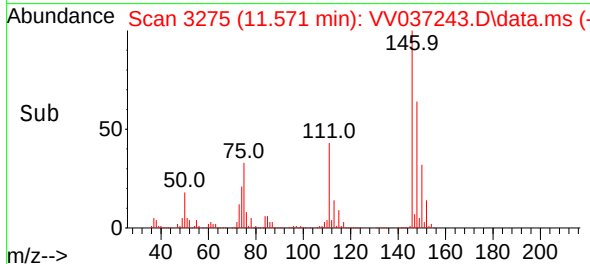
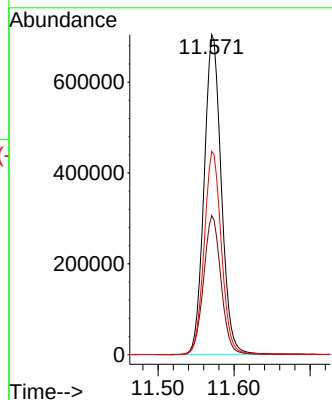


#67
1,2-Dichlorobenzene
Concen: 20.230 ug/L
RT: 11.571 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

Instrument :
MSVOA_V
ClientSampleId :

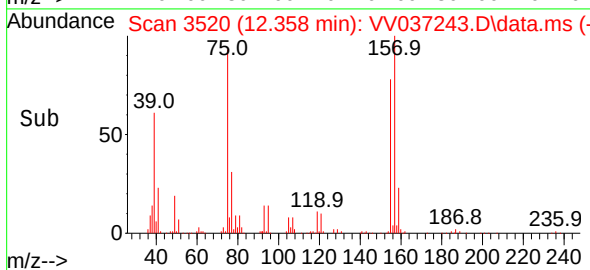
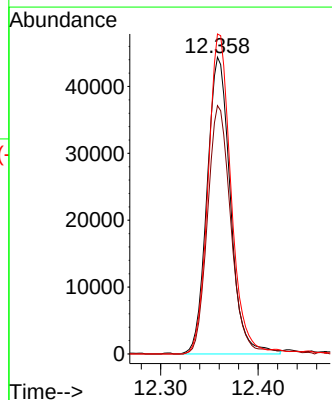
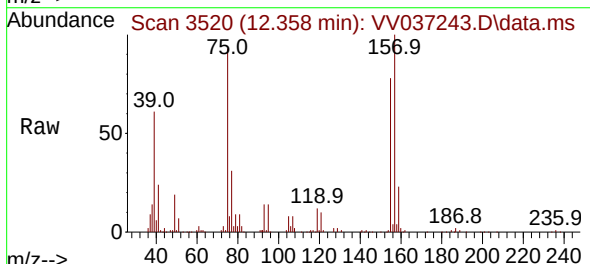


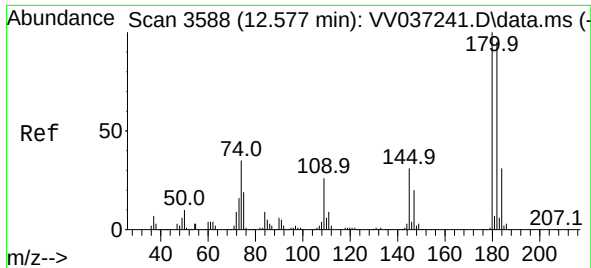
Tgt Ion:146 Resp: 1103825
Ion Ratio Lower Upper
146 100
111 43.5 34.4 51.6
148 63.5 51.8 77.6



#68
1,2-Dibromo-3-chloropropane
Concen: 21.811 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.003 min
Lab File: VV037243.D
Acq: 10 Sep 2024 11:32

Tgt Ion: 75 Resp: 73726
Ion Ratio Lower Upper
75 100
155 83.7 60.6 90.8
157 107.8 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 21.643 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.003 min

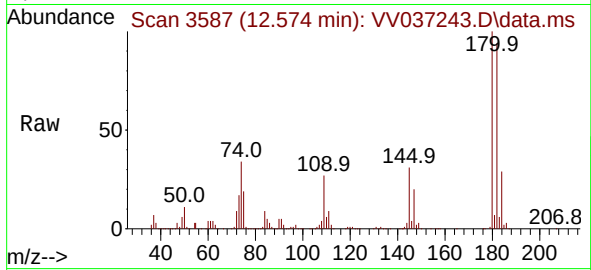
Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 908393

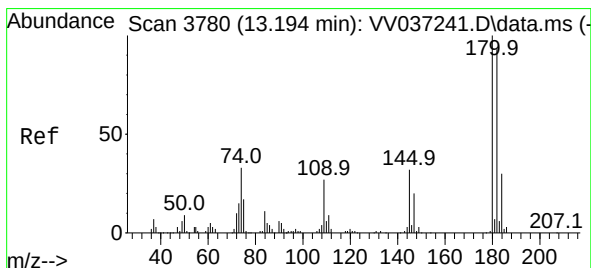
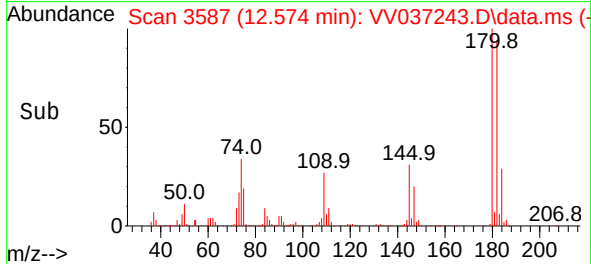
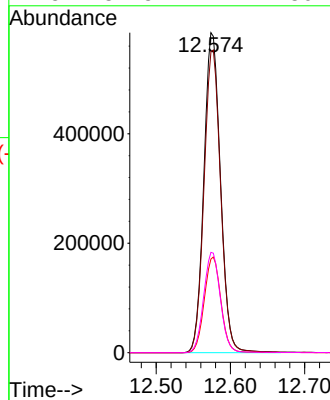
Ion Ratio Lower Upper

180 100

182 94.6 74.3 111.5

184 29.9 24.3 36.5

145 31.5 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 22.889 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

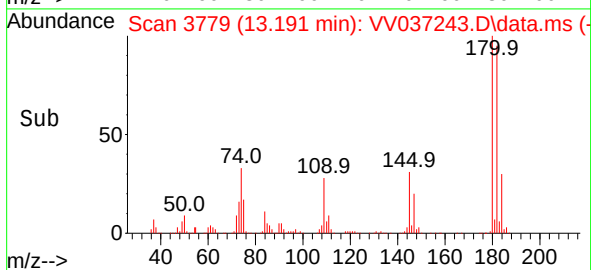
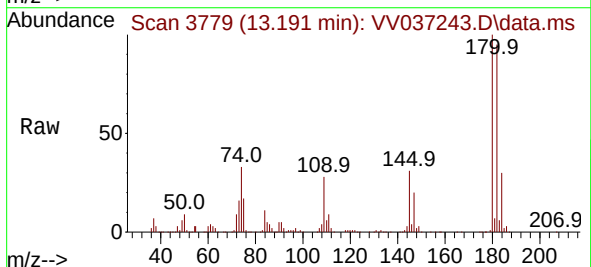
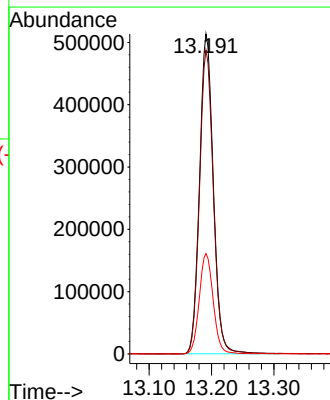
Tgt Ion:180 Resp: 790773

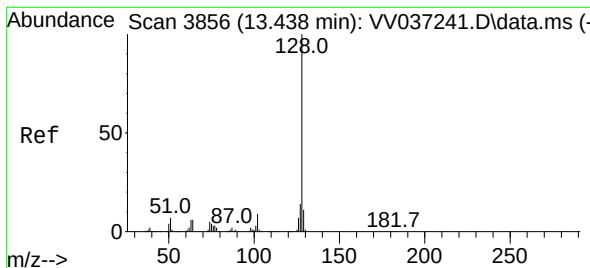
Ion Ratio Lower Upper

180 100

182 94.9 75.4 113.0

145 31.7 25.8 38.6





#71

Naphthalene

Concen: 23.990 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.006 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Instrument :

MSVOA_V

ClientSampleId :

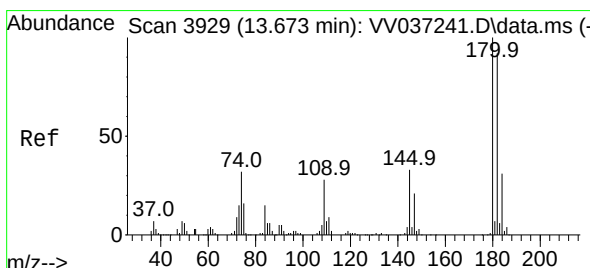
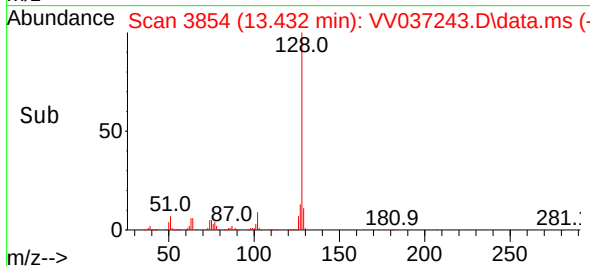
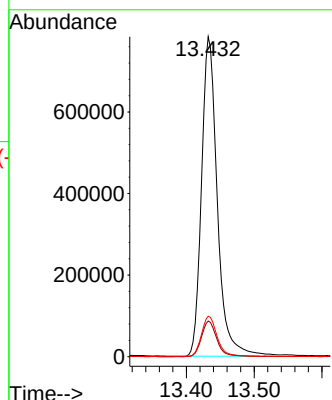
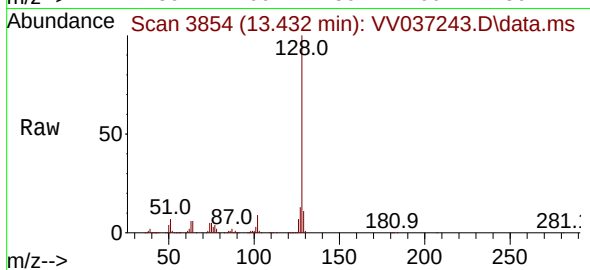
Tgt Ion:128 Resp: 1266649

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 12.7 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 22.561 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037243.D

Acq: 10 Sep 2024 11:32

Tgt Ion:180 Resp: 644987

Ion Ratio Lower Upper

180 100

182 94.4 73.4 110.0

145 34.4 27.2 40.8

