

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091124\
 Data File : VV037249.D
 Acq On : 11 Sep 2024 09:39
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 01:50:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:56:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	369160	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	353775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	183022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	85626	3.954	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.529	69	93338	4.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.053	65	46098	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.841	46	292017	45.117	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.240%
24) Chloroform-d	4.240	84	229084	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.937	65	108604	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	4.950	84	432506	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.982	67	137552	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.236	98	386858	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.555	79	45169	4.655	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.027	63	228992	48.304	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.600%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	108668	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	145112	4.460	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	158651	4.627	ug/L	100
3) Chloromethane	1.214	50	160842	4.396	ug/L	98
5) Vinyl chloride	1.278	62	162506	4.519	ug/L	99
6) Bromomethane	1.484	94	95865	4.444	ug/L	100
8) Chloroethane	1.545	64	96426	4.459	ug/L	99
9) Trichlorofluoromethane	1.709	101	205248	4.588	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	124507	4.596	ug/L	99
12) 1,1-Dichloroethene	2.063	96	118497	4.581	ug/L	98
13) Acetone	2.191	43	193444	42.924	ug/L	97
14) Carbon disulfide	2.233	76	358570	4.396	ug/L	100
15) Methyl Acetate	2.394	43	52562	5.092	ug/L	93
16) Methylene chloride	2.442	84	131764	4.430	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	283806	4.615	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	125436	4.608	ug/L	97
19) 1,1-Dichloroethane	3.105	63	237475	4.569	ug/L	99
21) 2-Butanone	3.908	43	285641	41.702	ug/L	93
22) cis-1,2-Dichloroethene	3.809	96	135879	4.618	ug/L	96
23) Bromochloromethane	4.143	128	59373	4.659	ug/L	93
25) Chloroform	4.265	83	236683	4.520	ug/L	96

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 ClientSampleId :

Quant Time: Sep 12 01:50:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:56:42 2024
 Response via : Initial Calibration

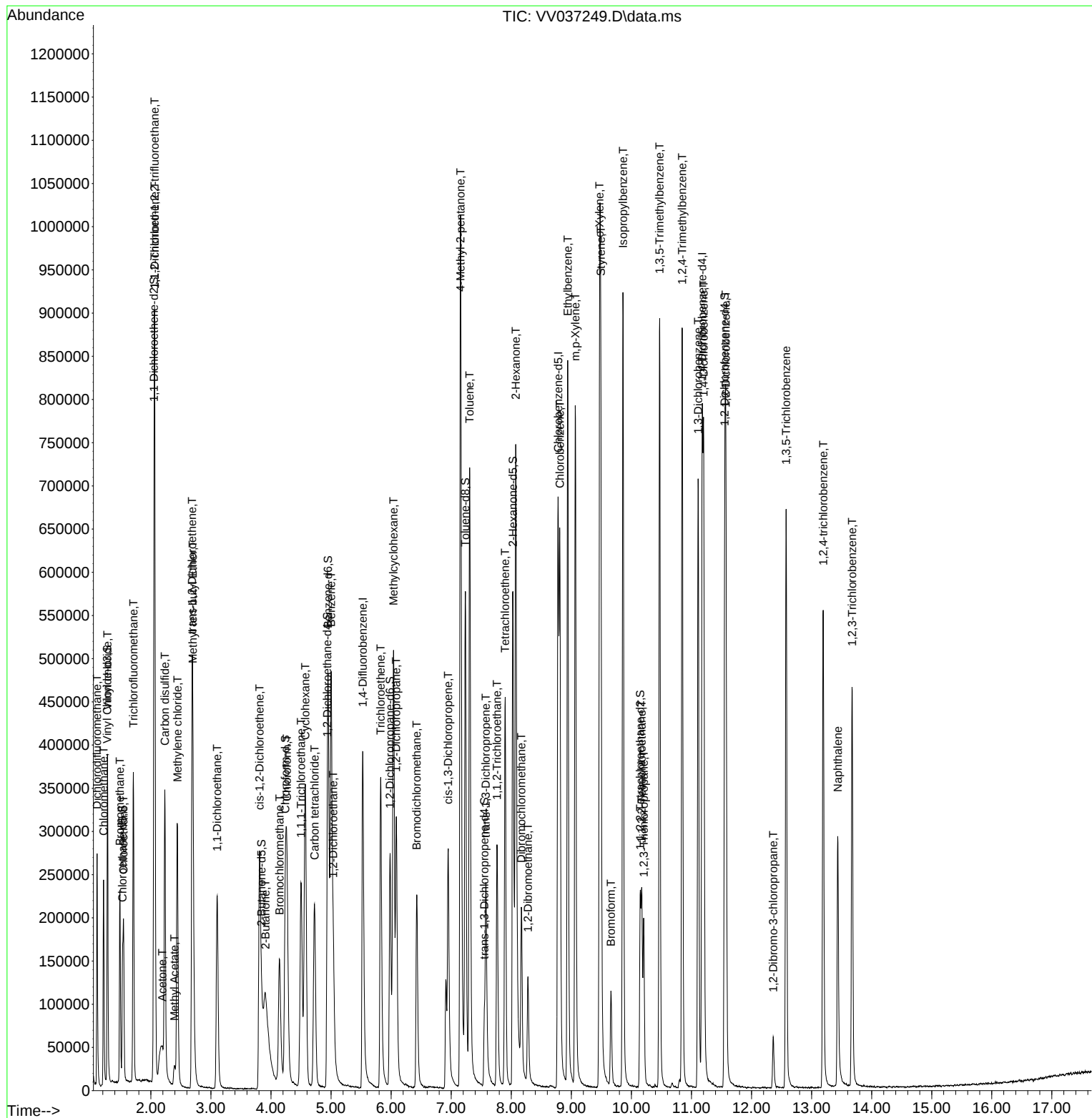
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	140449	4.741	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	198031	4.721	ug/L	96
30) Cyclohexane	4.571	56	199228	4.895	ug/L	97
31) Carbon tetrachloride	4.725	117	168329	4.714	ug/L	100
33) Benzene	5.002	78	510234	4.787	ug/L	100
34) Trichloroethene	5.825	95	136950	4.768	ug/L	96
35) Methylcyclohexane	6.040	83	215528	4.936	ug/L	99
37) 1,2-Dichloropropane	6.085	63	130793	4.823	ug/L	100
38) Bromodichloromethane	6.426	83	163011	4.801	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	191125	4.865	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	752815	48.486	ug/L	100
42) Toluene	7.307	91	547292	4.936	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	152778	4.820	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	93404	4.812	ug/L	99
47) Tetrachloroethene	7.899	164	100503	4.889	ug/L	99
48) 2-Hexanone	8.075	43	545627	48.080	ug/L	98
49) Dibromochloromethane	8.169	129	99456	4.891	ug/L	98
50) 1,2-Dibromoethane	8.278	107	87695	4.782	ug/L #	99
51) Chlorobenzene	8.809	112	350225	4.743	ug/L	98
52) Ethylbenzene	8.940	91	602921	4.872	ug/L	99
53) m,p-Xylene	9.066	106	228905	5.027	ug/L	99
54) o-Xylene	9.471	106	219768	4.875	ug/L	99
55) Styrene	9.490	104	381685	4.994	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	110377	4.707	ug/L	97
59) Bromoform	9.661	173	50196	4.688	ug/L	98
60) Isopropylbenzene	9.860	105	594409	4.852	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	78776	4.730	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	478040	4.921	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	483888	4.959	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	281121	4.854	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	283322	4.771	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	257126	4.789	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	15358	4.447	ug/L	92
69) 1,3,5-Trichlorobenzene	12.577	180	198346	4.803	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	167247	4.920	ug/L	100
71) Naphthalene	13.435	128	254059	4.890	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	139563	4.961	ug/L	98

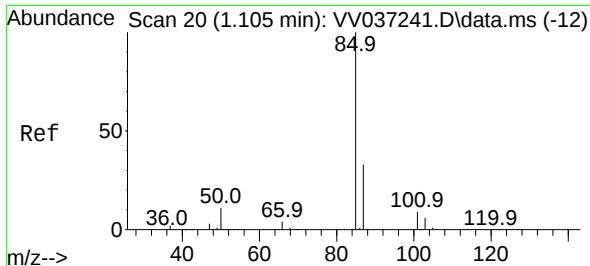
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Data File : VV037249.D
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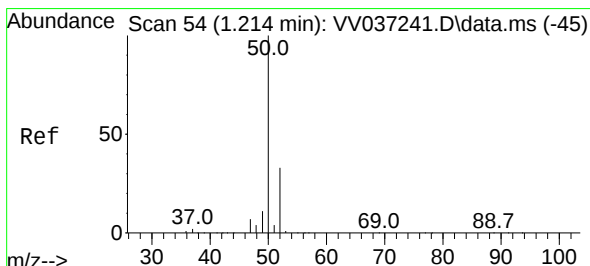
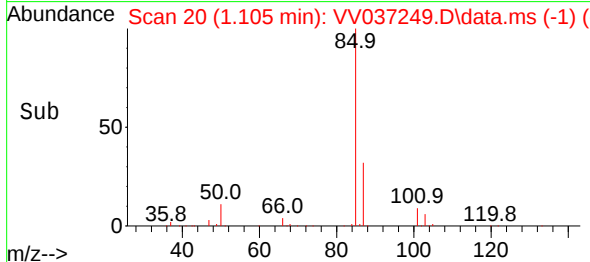
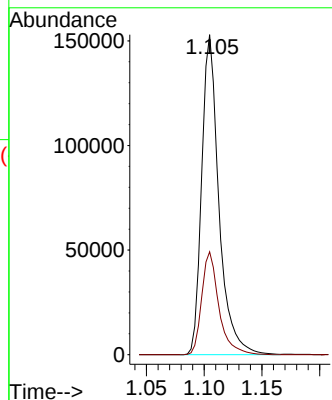
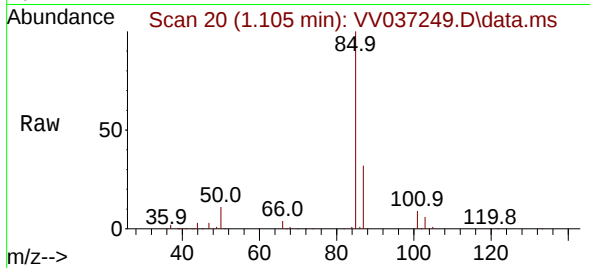




#2
 Dichlorodifluoromethane
 Concen: 4.627 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037249.D
 Acq: 11 Sep 2024 09:39

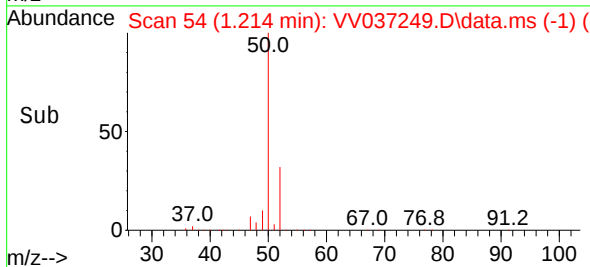
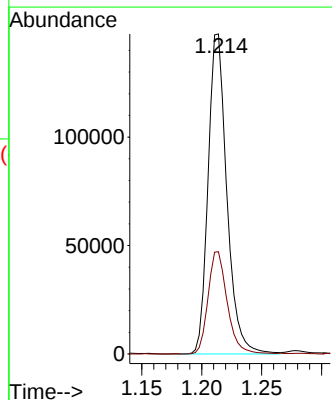
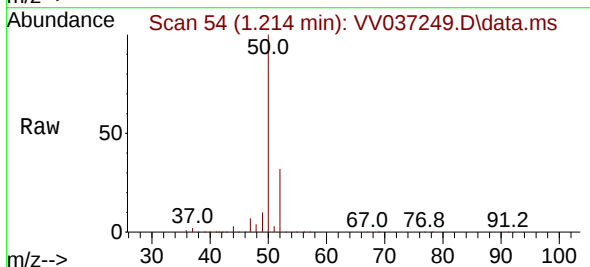
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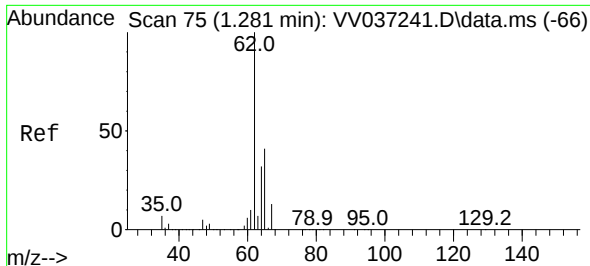
Tgt Ion: 85 Resp: 158651
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 4.396 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037249.D
 Acq: 11 Sep 2024 09:39

Tgt Ion: 50 Resp: 160842
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.3 43.3

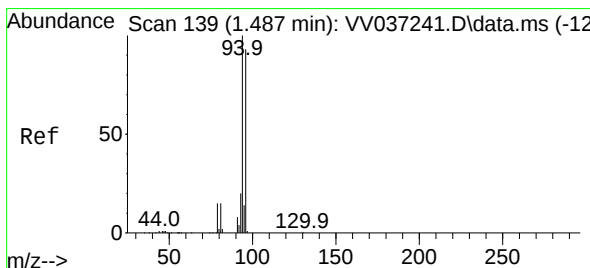
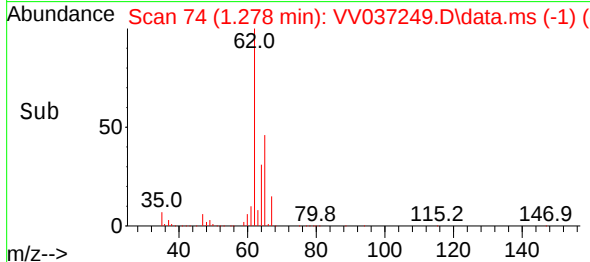
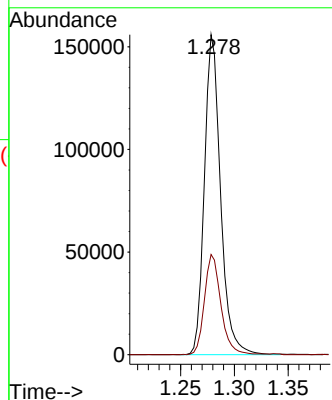
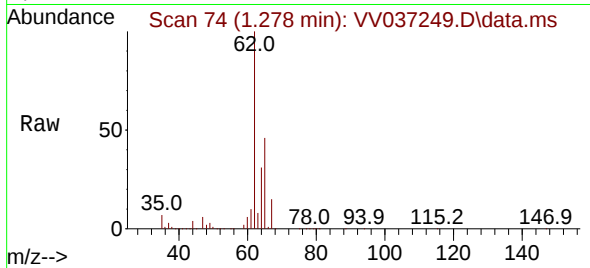




#5
 Vinyl chloride
 Concen: 4.519 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV037249.D
 Acq: 11 Sep 2024 09:39

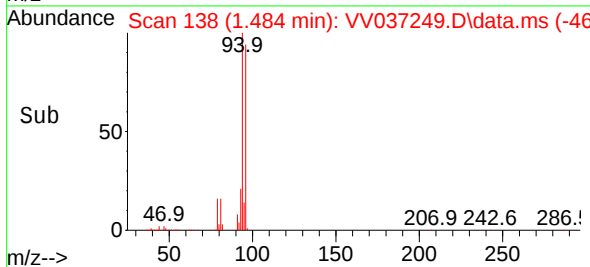
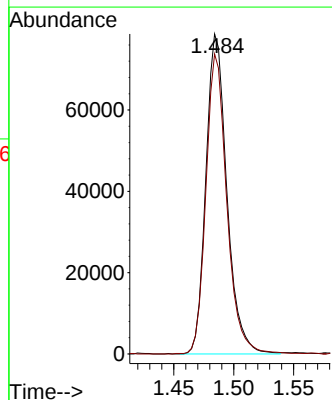
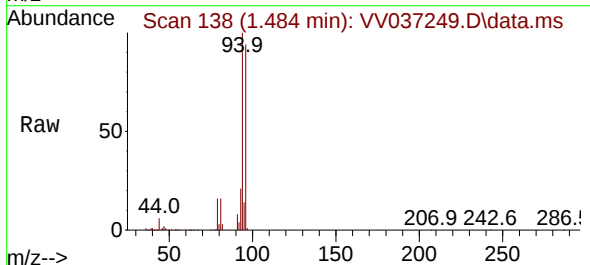
Instrument :
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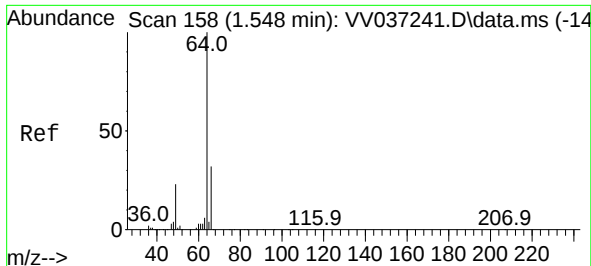
Tgt Ion: 62 Resp: 162506
 Ion Ratio Lower Upper
 62 100
 64 31.3 22.4 41.6



#6
 Bromomethane
 Concen: 4.444 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037249.D
 Acq: 11 Sep 2024 09:39

Tgt Ion: 94 Resp: 95865
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.3 121.3

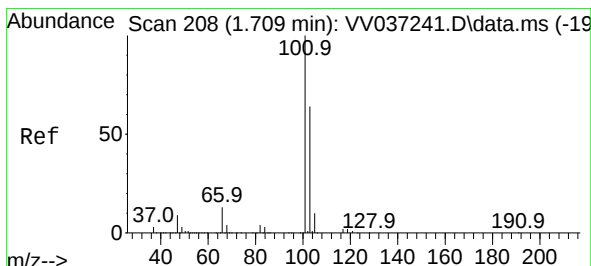
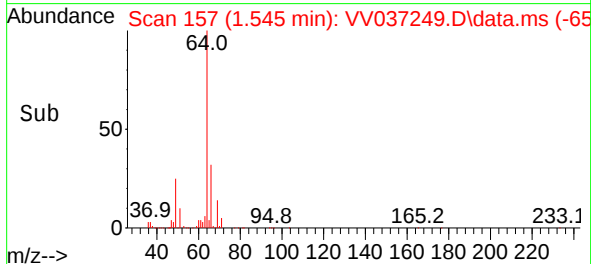
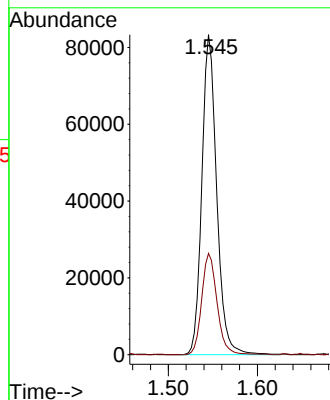
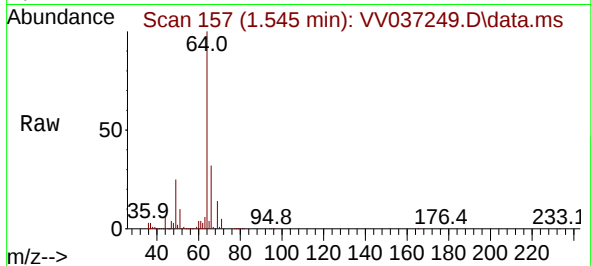




#8
Chloroethane
Concen: 4.459 ug/L
RT: 1.545 min Scan# 158
Delta R.T. -0.003 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

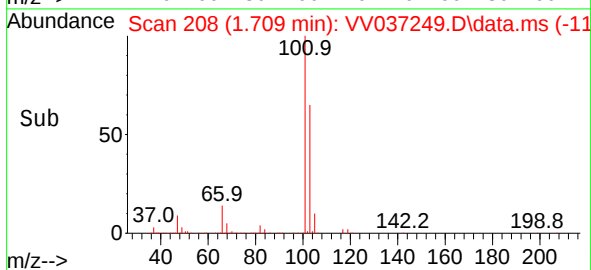
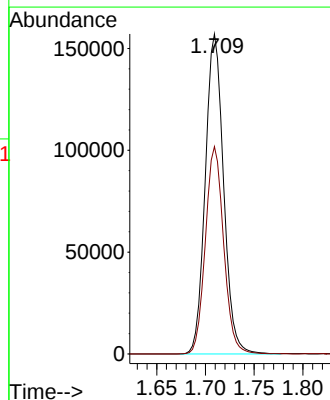
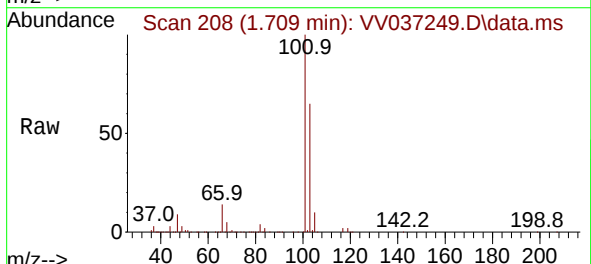
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MSVOA_V
ClientSampleId :

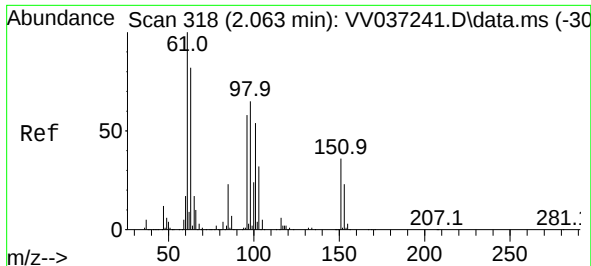
Tgt Ion: 64 Resp: 96426
Ion Ratio Lower Upper
64 100
66 31.6 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.588 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

Tgt Ion:101 Resp: 205248
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

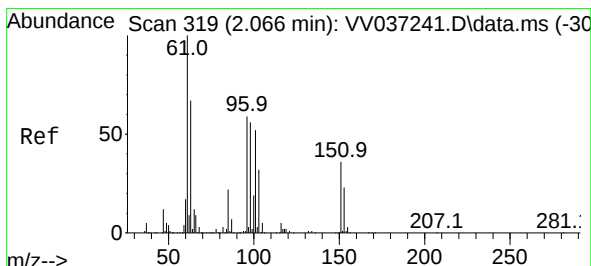
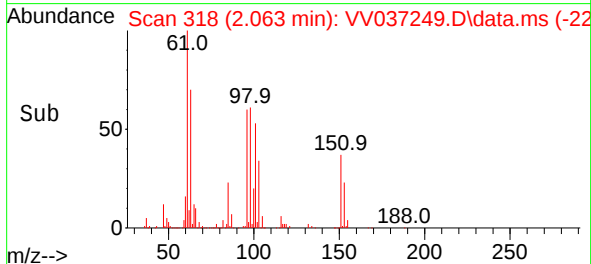
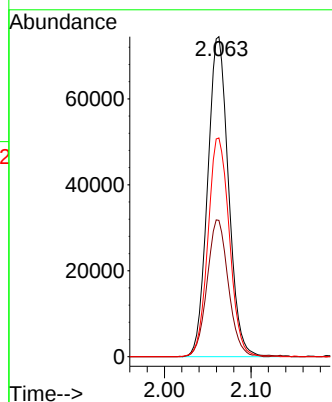
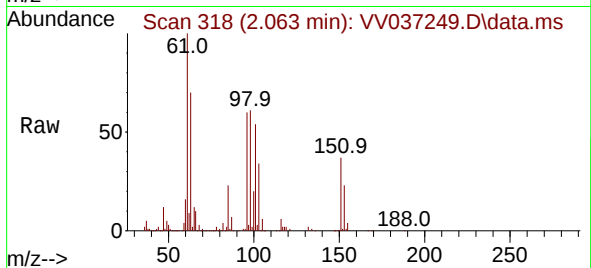




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.596 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

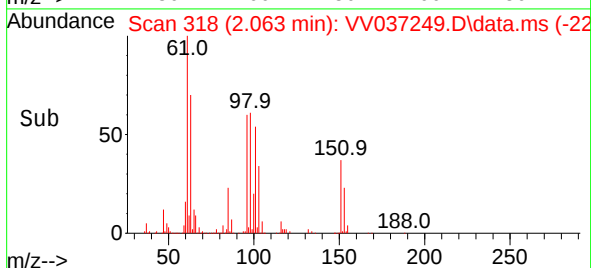
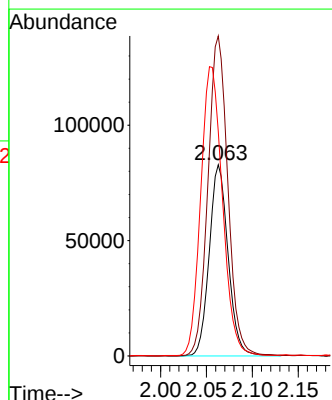
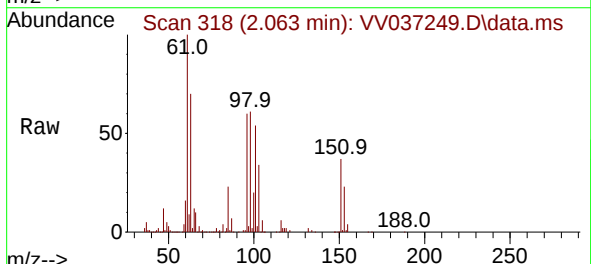
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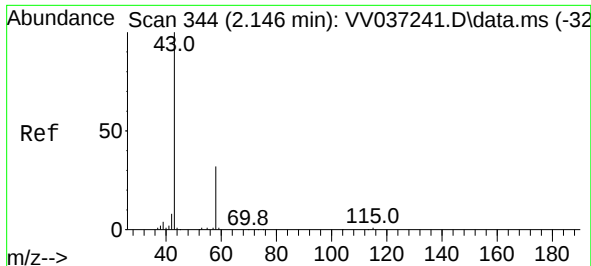
Tgt Ion:101 Resp: 124507
Ion Ratio Lower Upper
101 100
85 43.6 35.1 52.7
151 70.2 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.581 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

Tgt Ion: 96 Resp: 118497
Ion Ratio Lower Upper
96 100
61 167.4 119.9 222.7
63 117.4 81.4 151.2

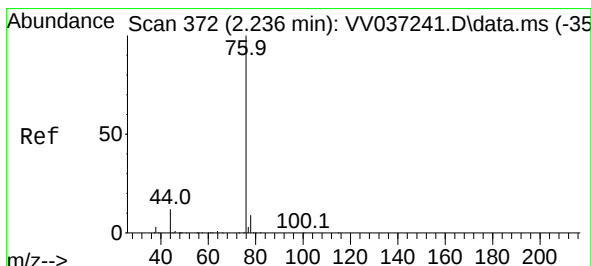
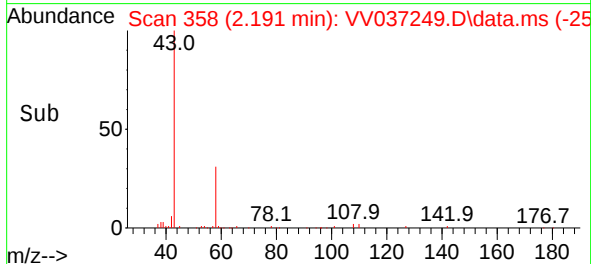
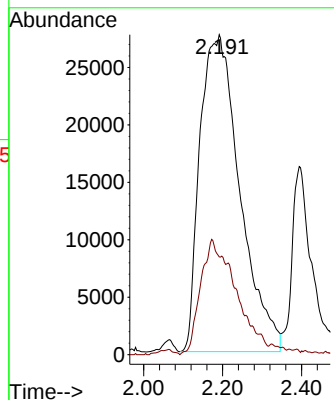
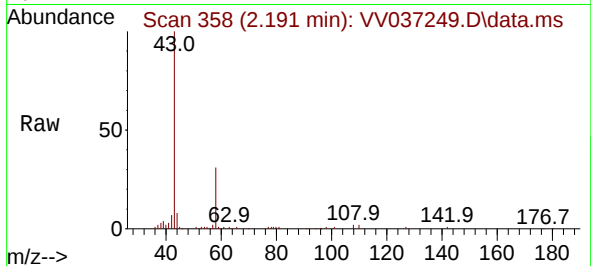




#13
Acetone
Concen: 42.924 ug/L
RT: 2.191 min Scan# 344
Delta R.T. 0.045 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

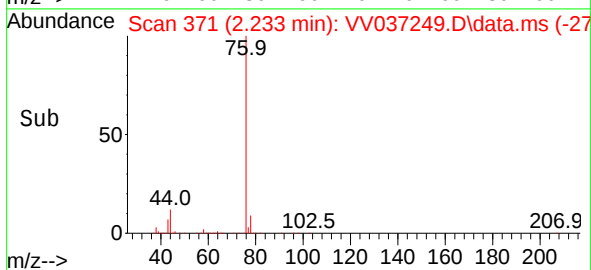
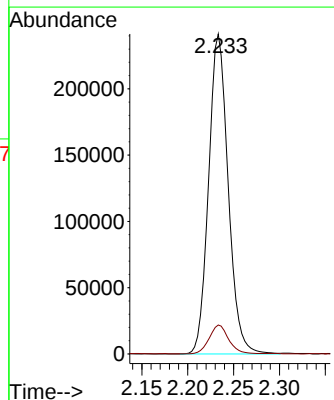
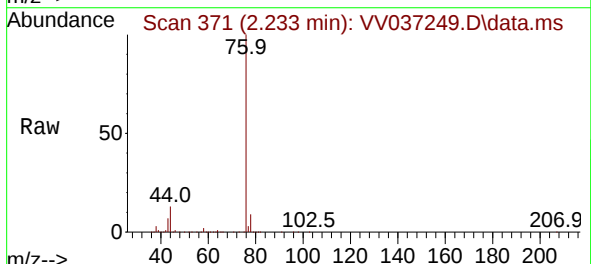
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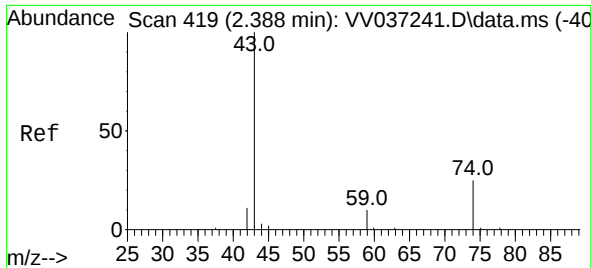
Tgt Ion: 43 Resp: 193444
Ion Ratio Lower Upper
43 100
58 32.6 0.0 69.2



#14
Carbon disulfide
Concen: 4.396 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.003 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

Tgt Ion: 76 Resp: 358570
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 5.092 ug/L

RT: 2.394 min Scan# 419

Delta R.T. 0.006 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

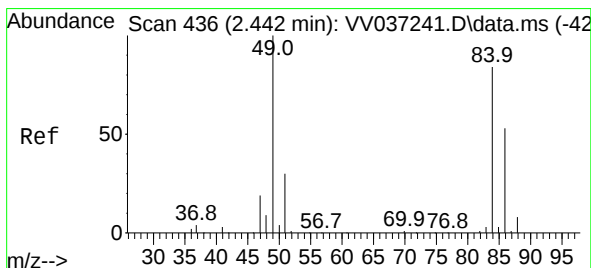
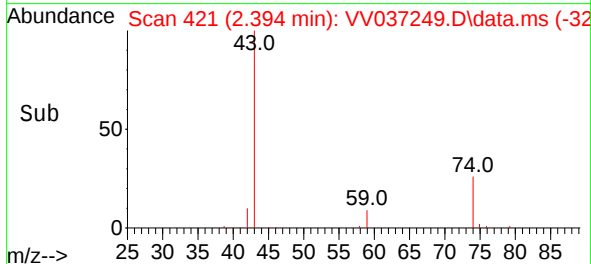
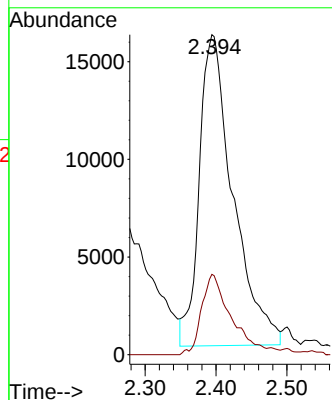
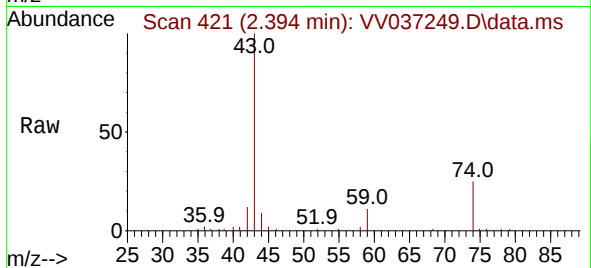
ClientSampleId :

Tgt Ion: 43 Resp: 52562

Ion Ratio Lower Upper

43 100

74 22.4 21.0 31.4



#16

Methylene chloride

Concen: 4.430 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

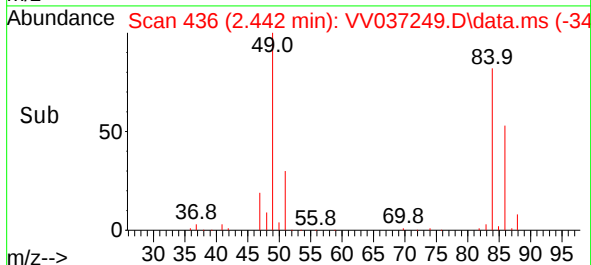
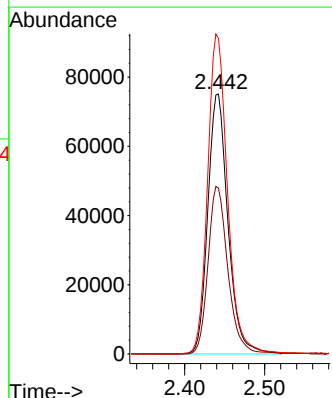
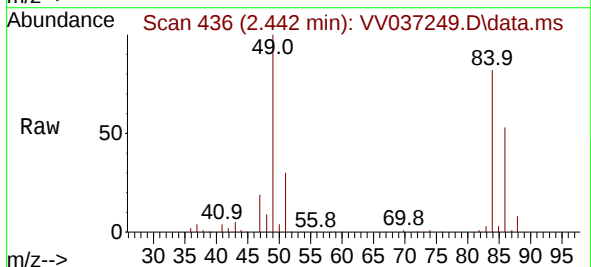
Tgt Ion: 84 Resp: 131764

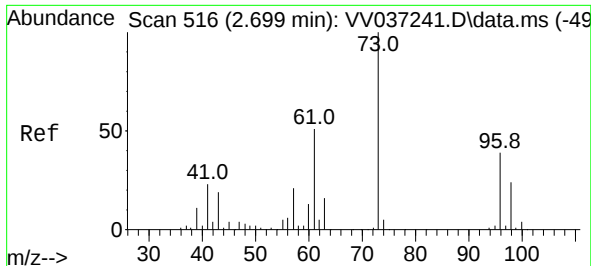
Ion Ratio Lower Upper

84 100

86 63.8 44.0 81.8

49 121.4 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 4.615 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

ClientSampleId :

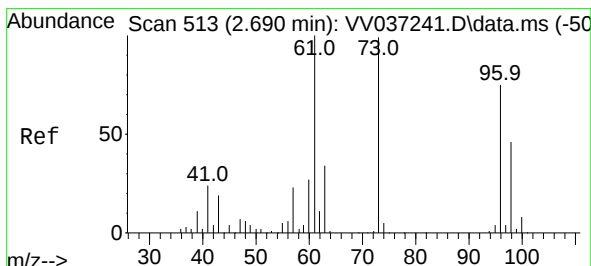
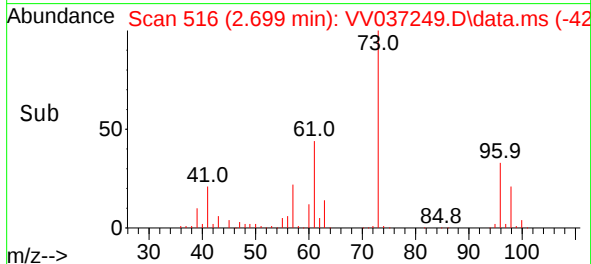
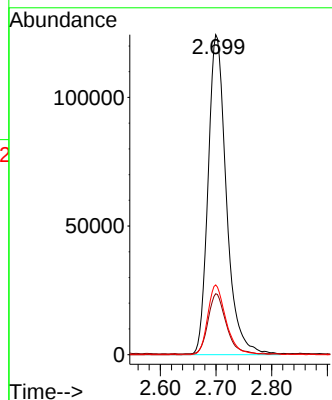
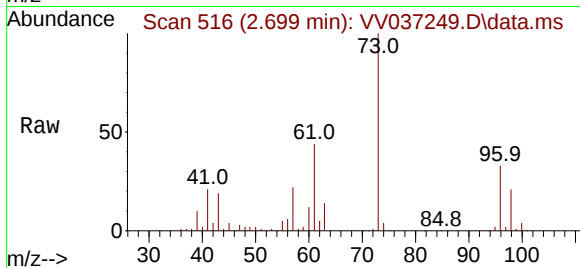
Tgt Ion: 73 Resp: 283806

Ion Ratio Lower Upper

73 100

43 18.4 14.5 21.7

57 21.8 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 4.608 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.003 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

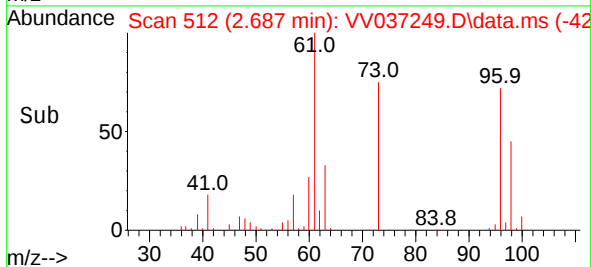
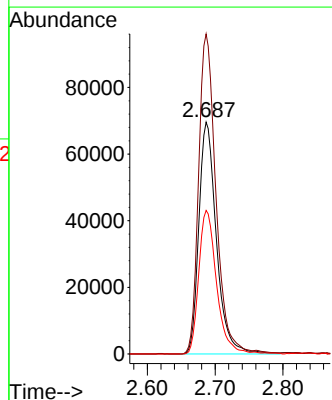
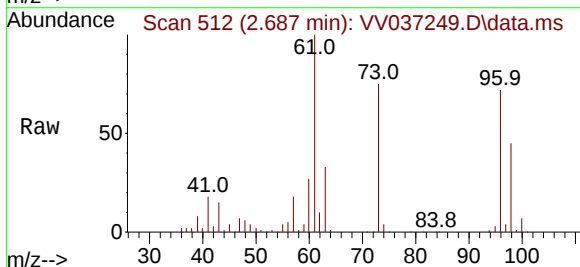
Tgt Ion: 96 Resp: 125436

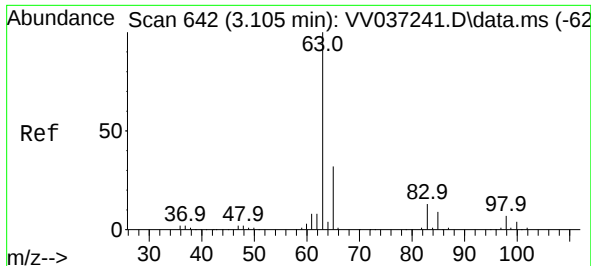
Ion Ratio Lower Upper

96 100

61 138.0 92.8 172.4

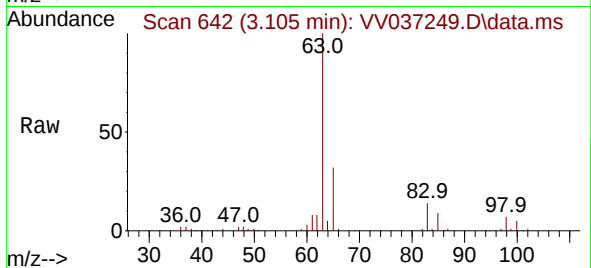
98 61.9 43.0 79.8



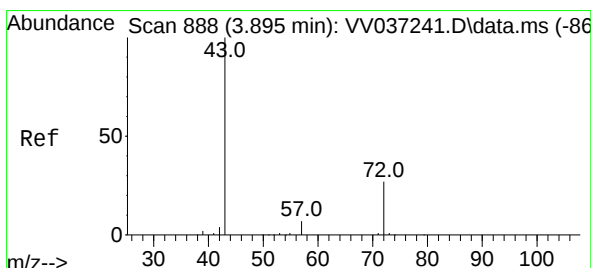
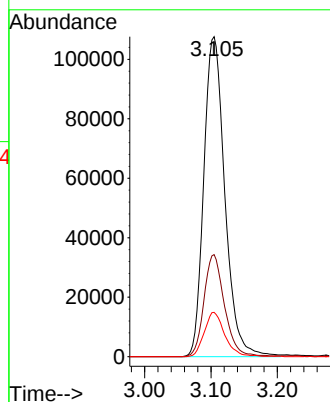
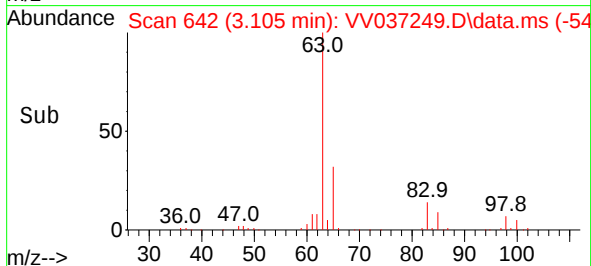


#19
1,1-Dichloroethane
Concen: 4.569 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

Instrument :
MSVOA_V
ClientSampleId :

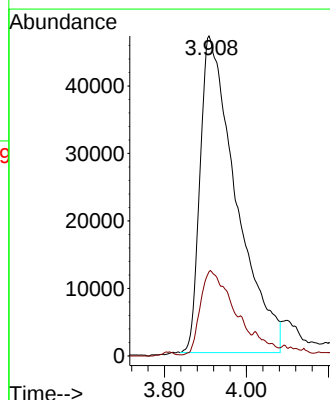
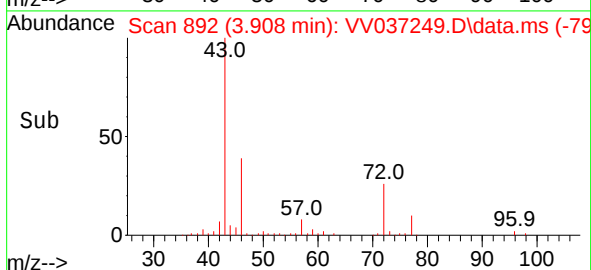
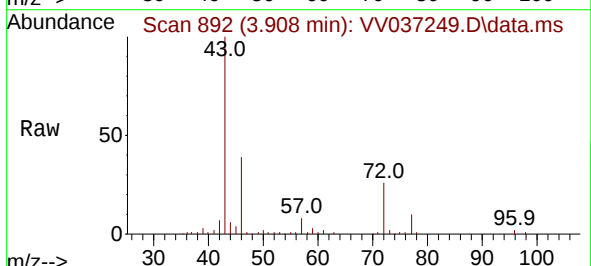


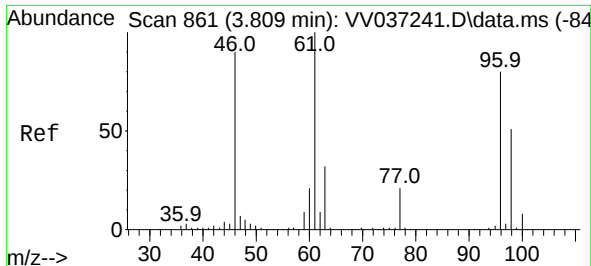
Tgt Ion: 63 Resp: 237475
Ion Ratio Lower Upper
63 100
65 31.9 22.5 41.7
83 13.8 8.9 16.5



#21
2-Butanone
Concen: 41.702 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.013 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

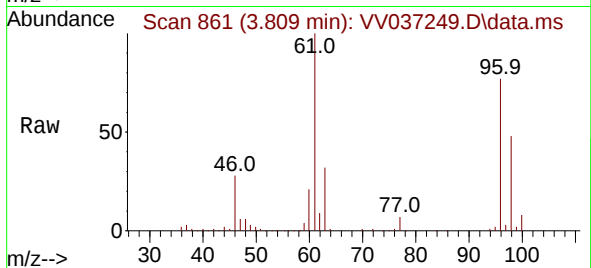
Tgt Ion: 43 Resp: 285641
Ion Ratio Lower Upper
43 100
72 20.9 12.2 36.6



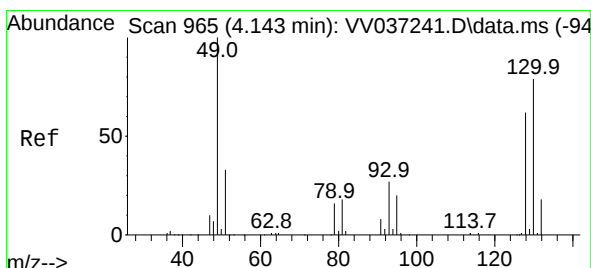
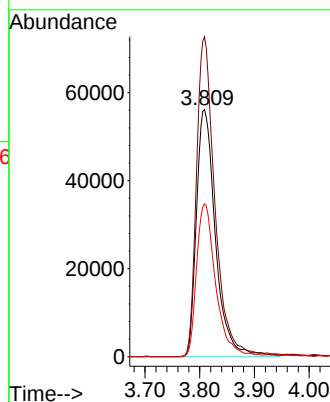
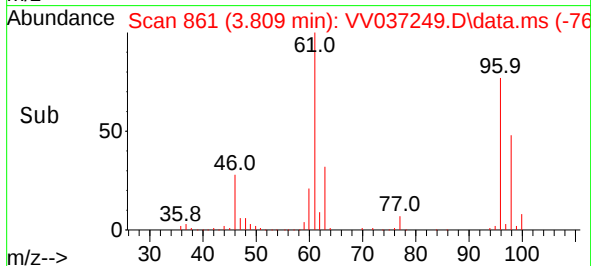


#22
 cis-1,2-Dichloroethene
 Concen: 4.618 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.000 min
 Lab File: VV037249.D
 Acq: 11 Sep 2024 09:39

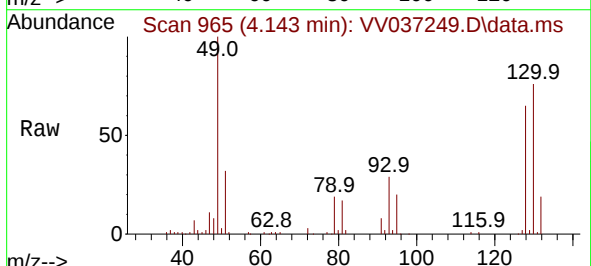
Instrument :
 MSVOA_V
 ClientSampleId :



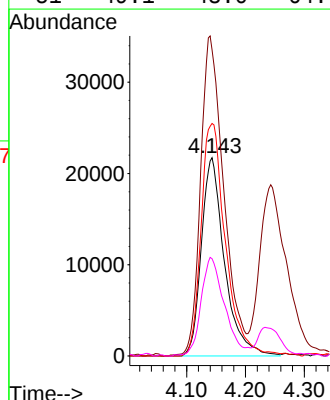
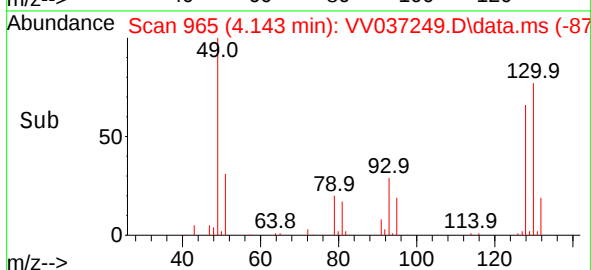
Tgt Ion: 96 Resp: 135879
 Ion Ratio Lower Upper
 96 100
 61 129.5 87.6 162.6
 98 61.9 44.9 83.5

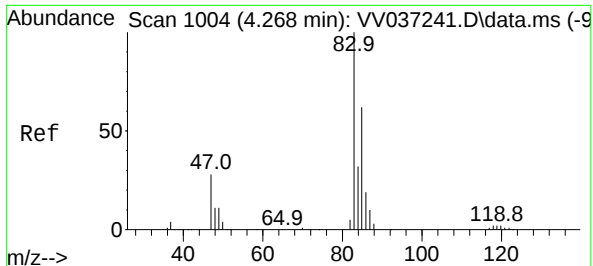


#23
 Bromochloromethane
 Concen: 4.659 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: VV037249.D
 Acq: 11 Sep 2024 09:39



Tgt Ion: 128 Resp: 59373
 Ion Ratio Lower Upper
 128 100
 49 154.5 114.0 211.8
 130 117.3 89.3 165.9
 51 49.1 43.0 64.4





#25

Chloroform

Concen: 4.520 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

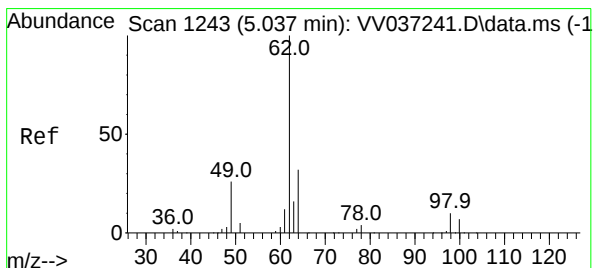
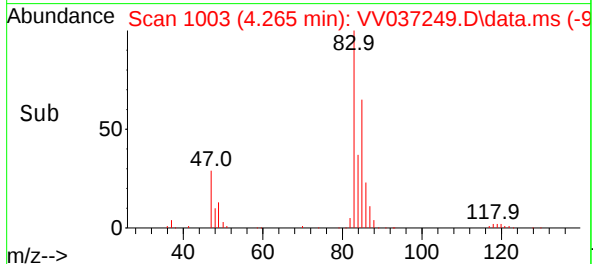
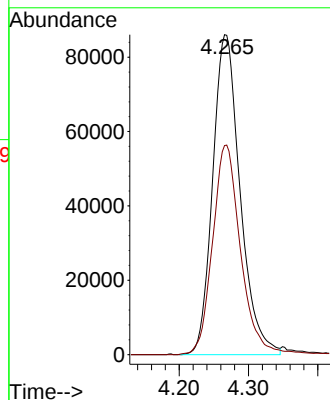
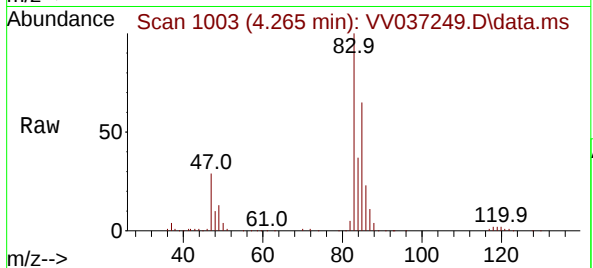
ClientSampleId :

Tgt Ion: 83 Resp: 236683

Ion Ratio Lower Upper

83 100

85 65.3 43.8 81.4



#27

1,2-Dichloroethane

Concen: 4.741 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037249.D

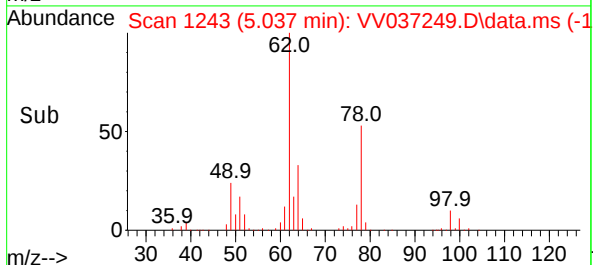
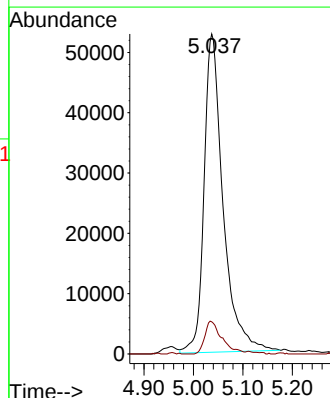
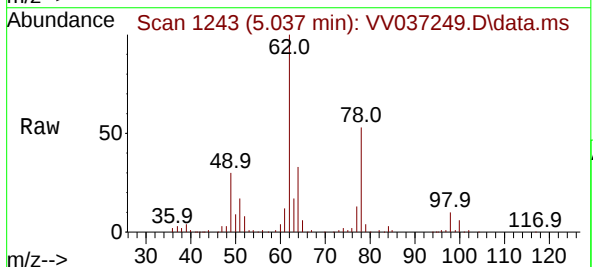
Acq: 11 Sep 2024 09:39

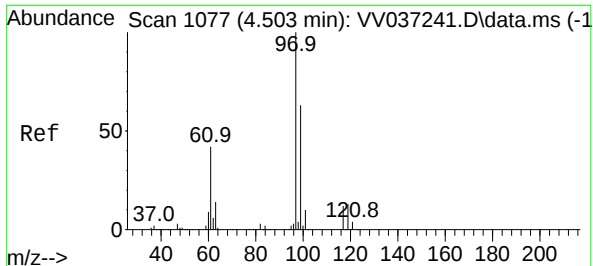
Tgt Ion: 62 Resp: 140449

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.4

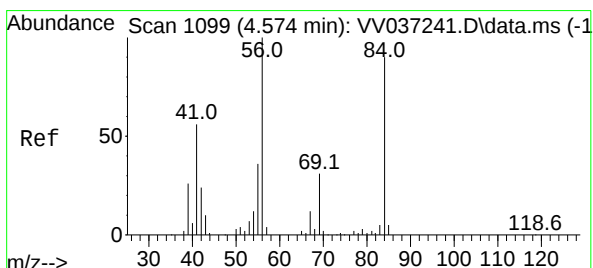
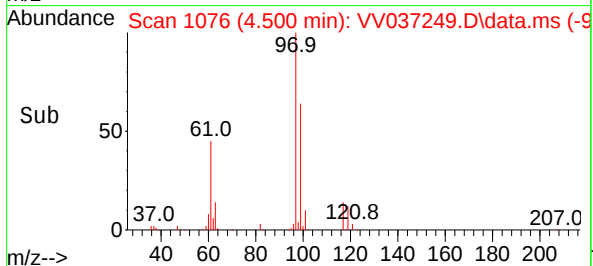
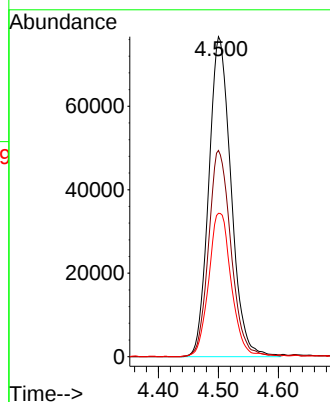
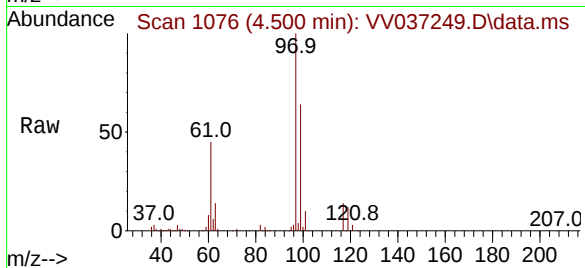




#29
1,1,1-Trichloroethane
Concen: 4.721 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

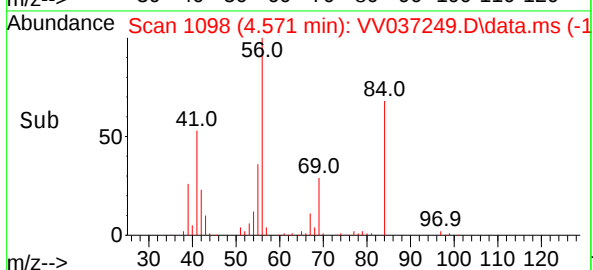
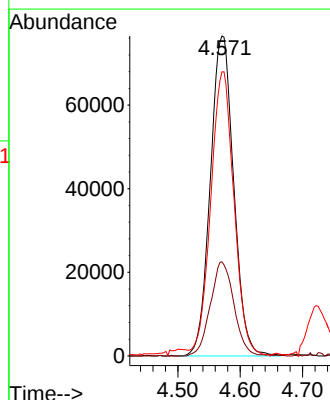
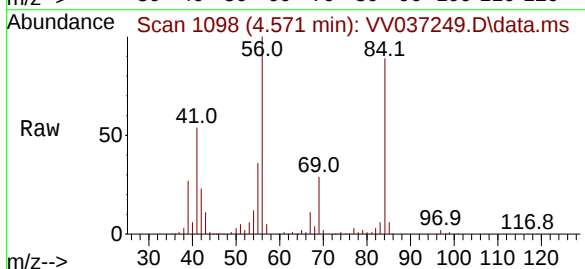
Instrument :
MSVOA_V
ClientSampleId :

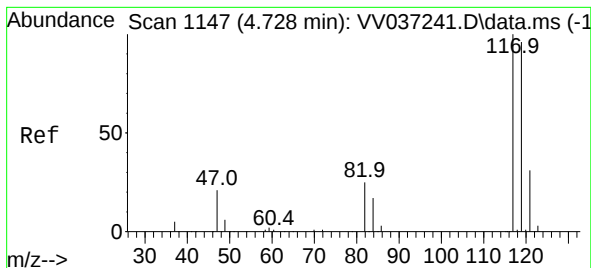
Tgt Ion: 97 Resp: 198031
Ion Ratio Lower Upper
97 100
99 65.0 50.0 75.0
61 45.6 34.3 51.5



#30
Cyclohexane
Concen: 4.895 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

Tgt Ion: 56 Resp: 199228
Ion Ratio Lower Upper
56 100
69 29.8 24.1 36.1
84 88.4 73.1 109.7





#31

Carbon tetrachloride

Concen: 4.714 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.003 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

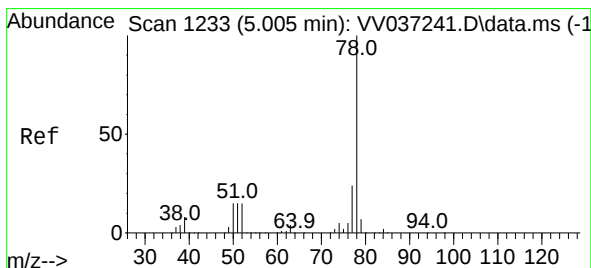
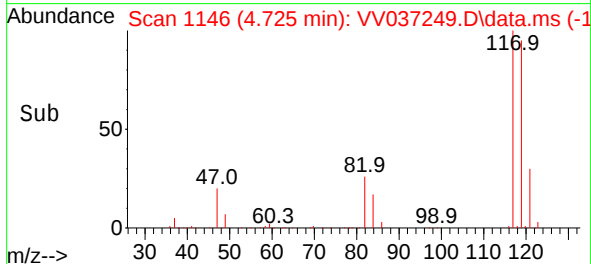
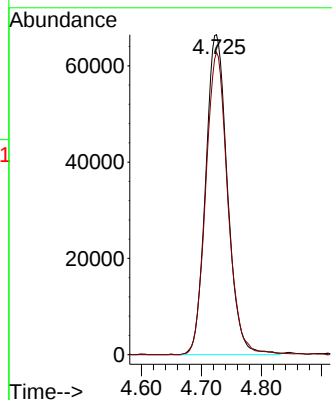
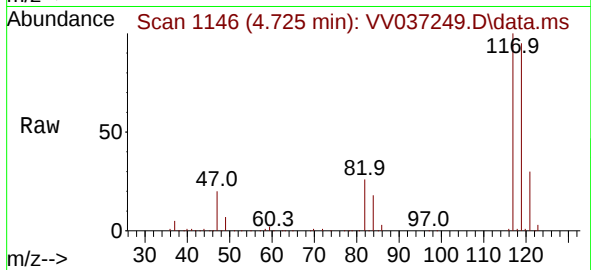
ClientSampleId :

Tgt Ion:117 Resp: 168329

Ion Ratio Lower Upper

117 100

119 95.4 76.2 114.4



#33

Benzene

Concen: 4.787 ug/L

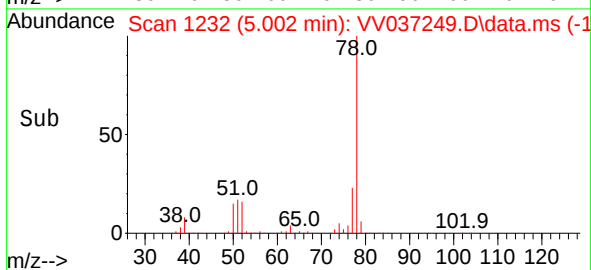
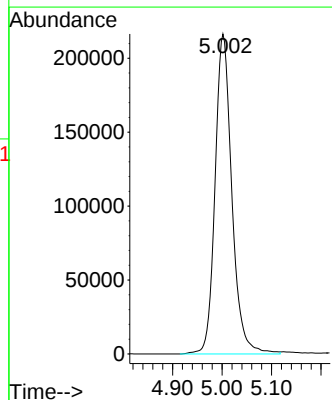
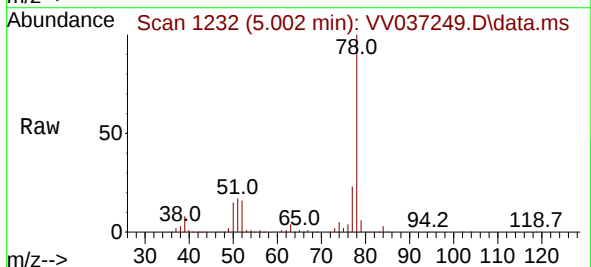
RT: 5.002 min Scan# 1232

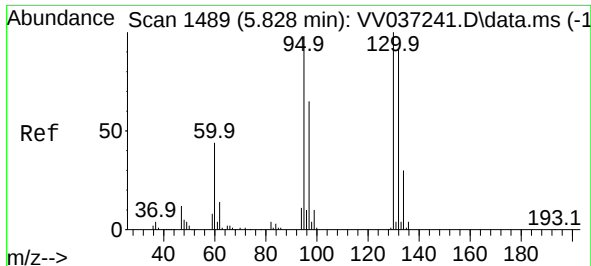
Delta R.T. -0.003 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Tgt Ion: 78 Resp: 510234





#34

Trichloroethene

Concen: 4.768 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 136950

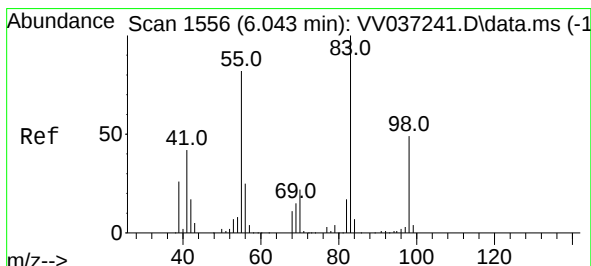
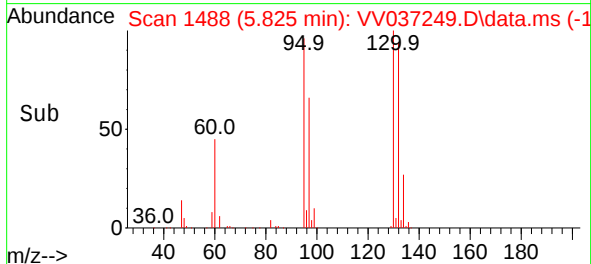
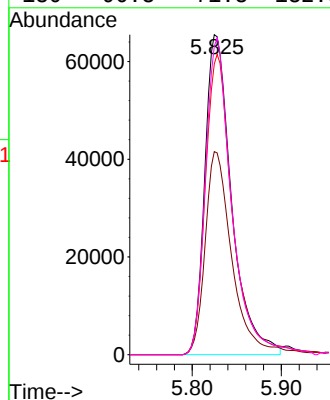
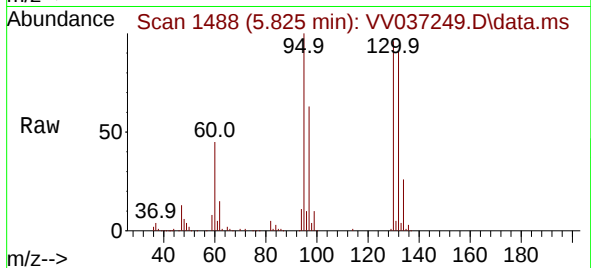
Ion Ratio Lower Upper

95 100

97 63.5 46.5 86.5

132 90.8 65.5 121.7

130 96.3 71.3 132.3



#35

Methylcyclohexane

Concen: 4.936 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

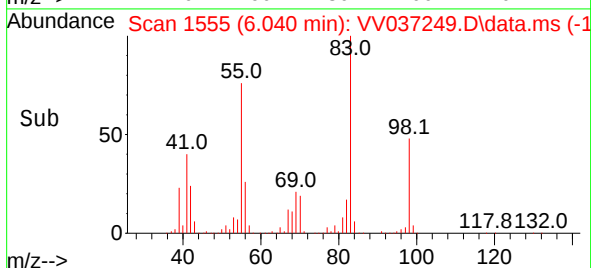
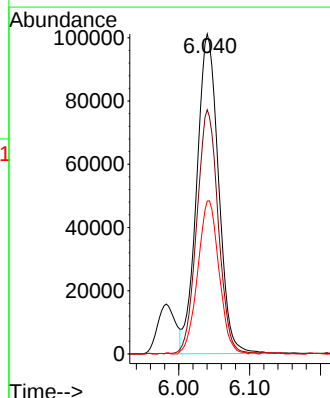
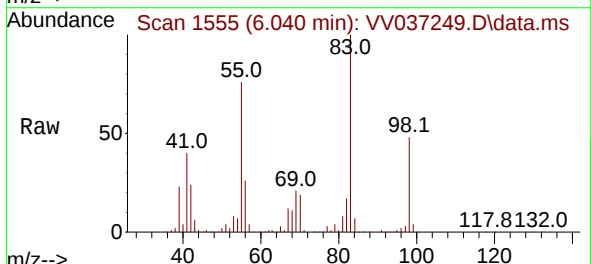
Tgt Ion: 83 Resp: 215528

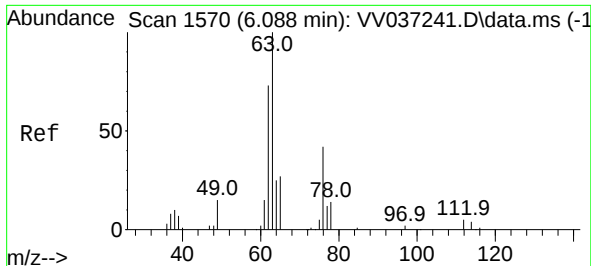
Ion Ratio Lower Upper

83 100

55 75.3 60.3 90.5

98 46.8 38.2 57.4

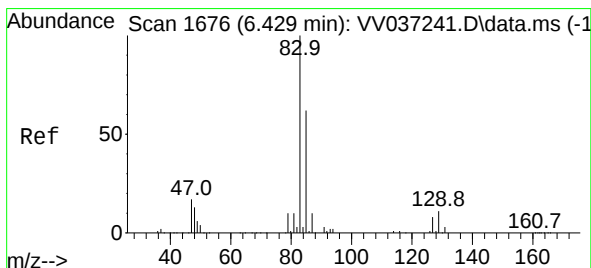
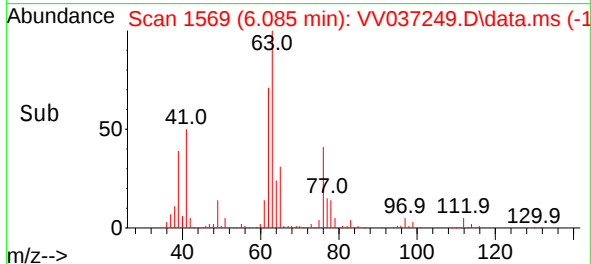
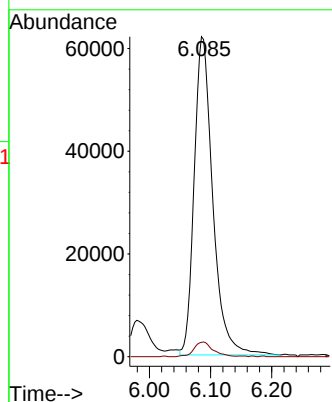
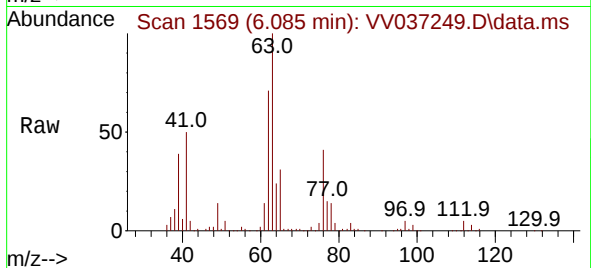




#37
1,2-Dichloropropane
Concen: 4.823 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

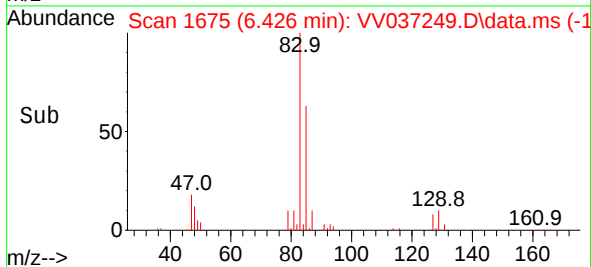
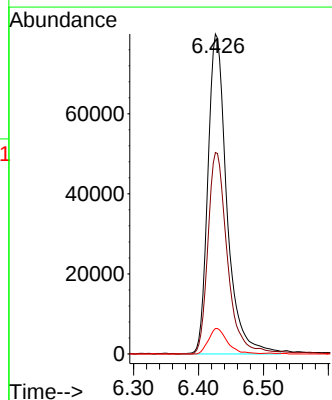
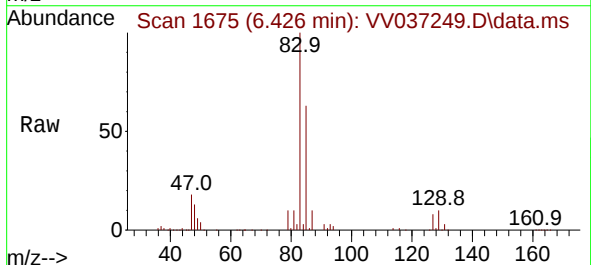
Instrument :
MSVOA_V
ClientSampleId :

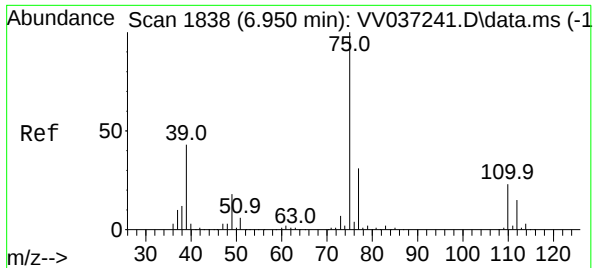
Tgt Ion: 63 Resp: 130793
Ion Ratio Lower Upper
63 100
112 4.7 3.7 5.5



#38
Bromodichloromethane
Concen: 4.801 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

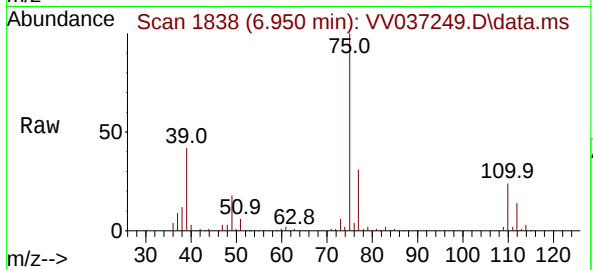
Tgt Ion: 83 Resp: 163011
Ion Ratio Lower Upper
83 100
85 63.0 43.7 81.1
127 7.9 6.7 10.1



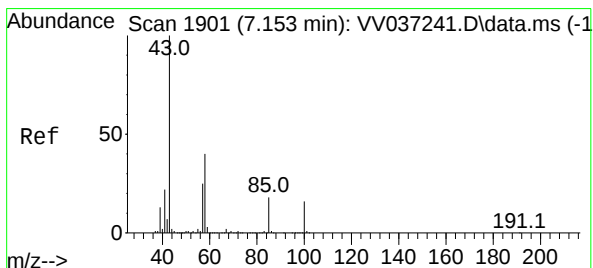
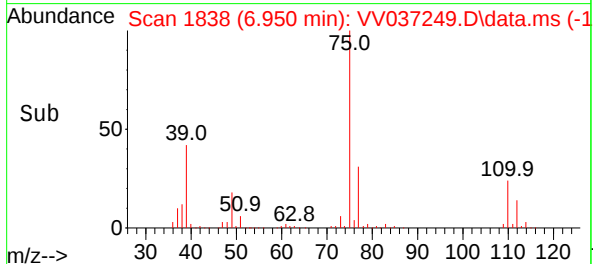
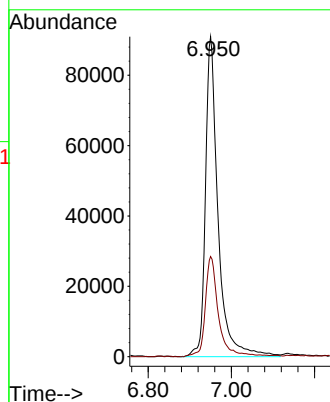


#39
cis-1,3-Dichloropropene
Concen: 4.865 ug/L
RT: 6.950 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

Instrument :
MSVOA_V
ClientSampleId :

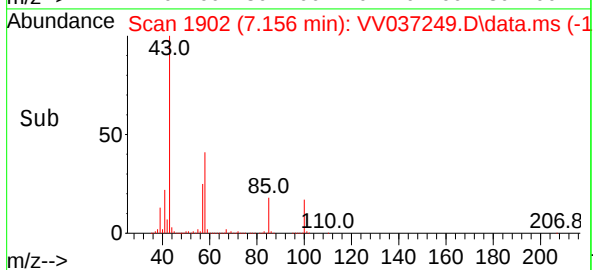
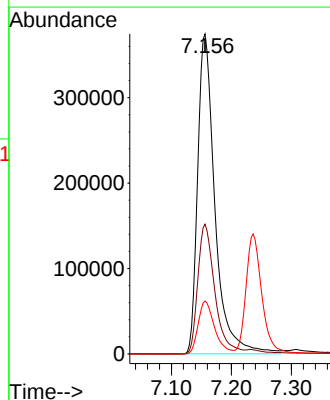
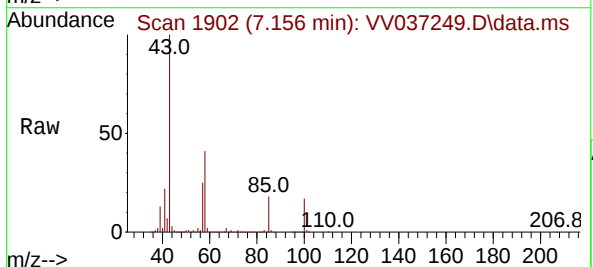


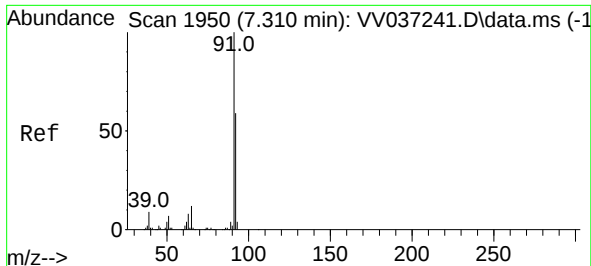
Tgt Ion: 75 Resp: 191125
Ion Ratio Lower Upper
75 100
77 31.3 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 48.486 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

Tgt Ion: 43 Resp: 752815
Ion Ratio Lower Upper
43 100
58 39.7 31.7 47.5
100 15.7 12.6 19.0





#42

Toluene

Concen: 4.936 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

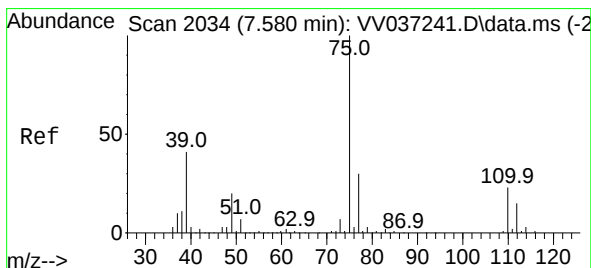
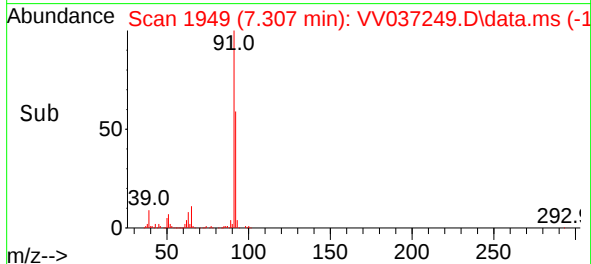
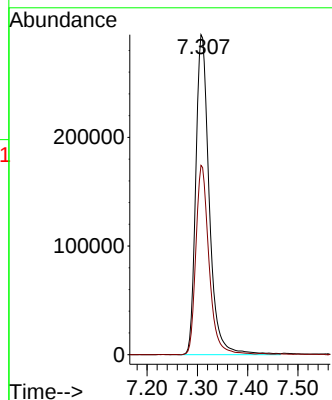
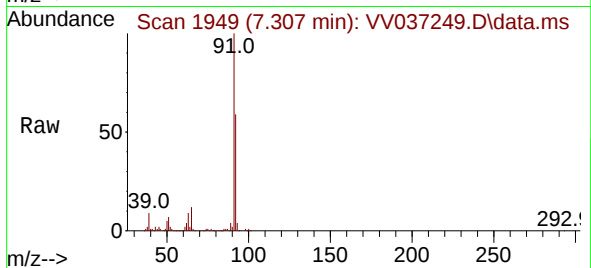
ClientSampleId :

Tgt Ion: 91 Resp: 547292

Ion Ratio Lower Upper

91 100

92 59.2 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 4.820 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV037249.D

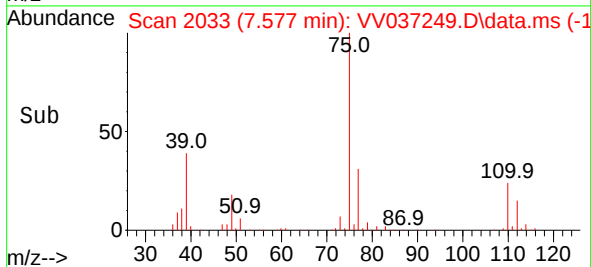
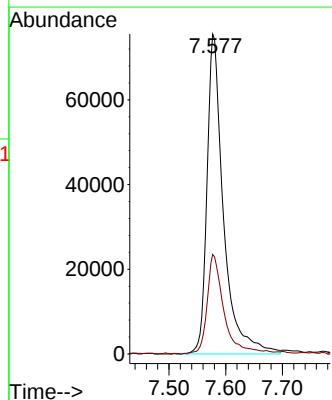
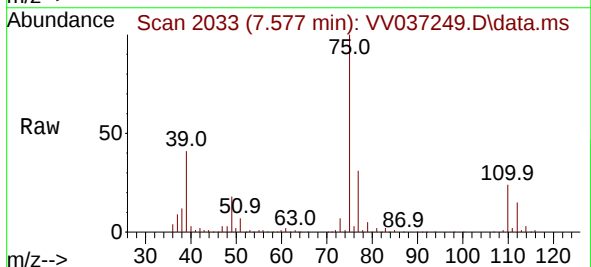
Acq: 11 Sep 2024 09:39

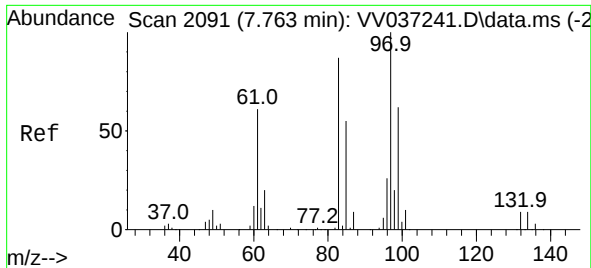
Tgt Ion: 75 Resp: 152778

Ion Ratio Lower Upper

75 100

77 31.1 20.9 38.9

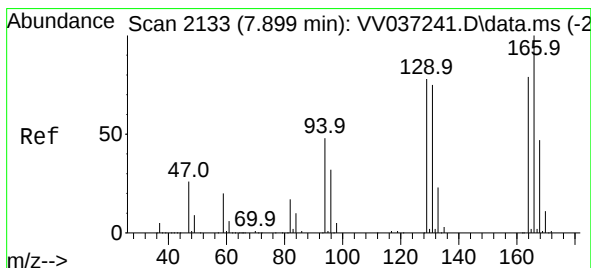
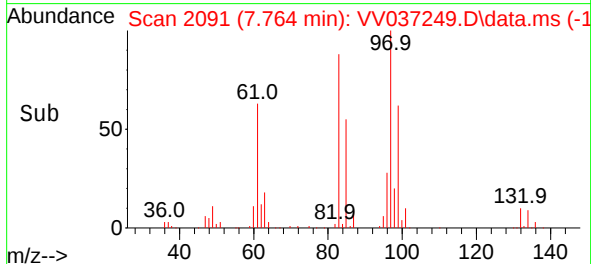
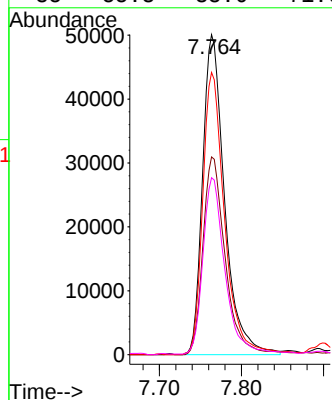
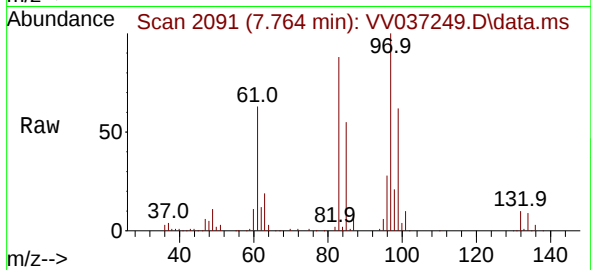




#45
1,1,2-Trichloroethane
Concen: 4.812 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

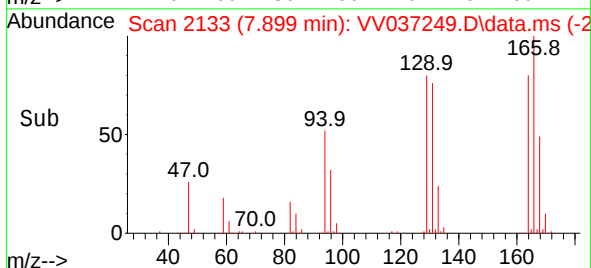
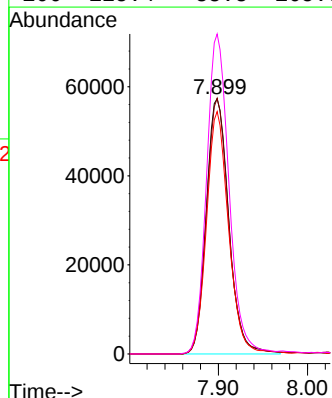
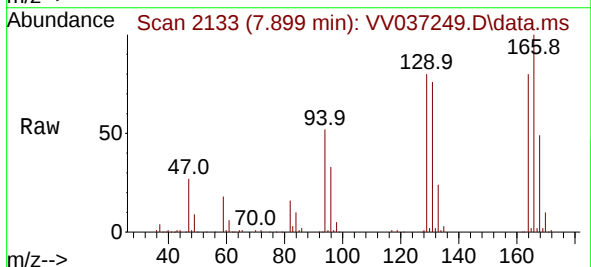
Instrument :
MSVOA_V
ClientSampleId :

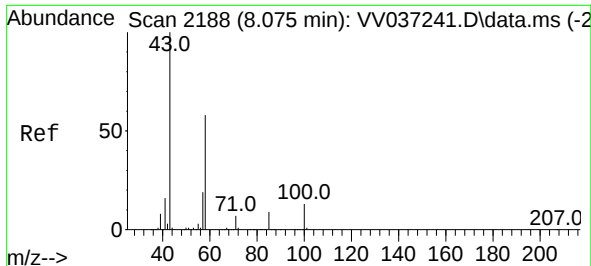
Tgt Ion:	97	Resp:	93404
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.1	80.1
83	88.2	61.0	113.4
85	55.3	38.6	71.6



#47
Tetrachloroethene
Concen: 4.889 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

Tgt Ion:	164	Resp:	100503
Ion	Ratio	Lower	Upper
164	100		
129	100.2	69.2	128.4
131	94.9	66.6	123.8
166	125.4	88.8	165.0





#48

2-Hexanone

Concen: 48.080 ug/L

RT: 8.075 min Scan# 2188

Delta R.T. 0.000 min

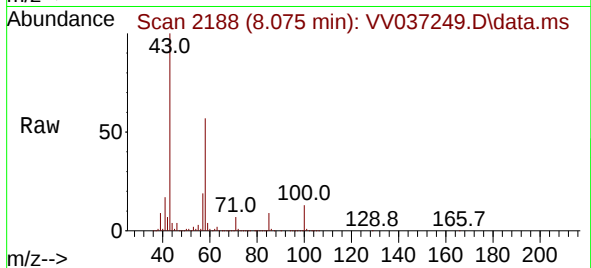
Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

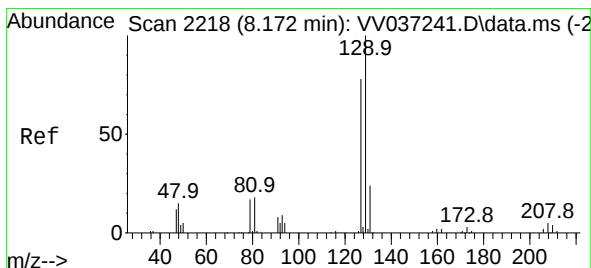
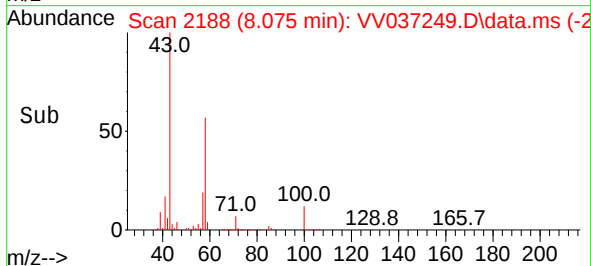
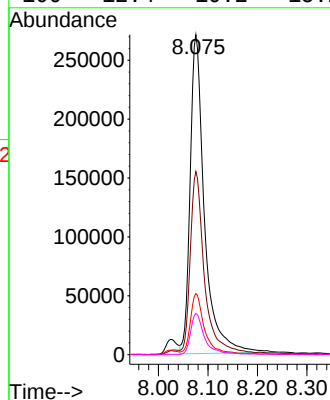
MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 545627

Ion	Ratio	Lower	Upper
43	100		
58	55.6	45.5	68.3
57	18.1	15.3	22.9
100	12.4	10.2	15.2



#49

Dibromochloromethane

Concen: 4.891 ug/L

RT: 8.169 min Scan# 2217

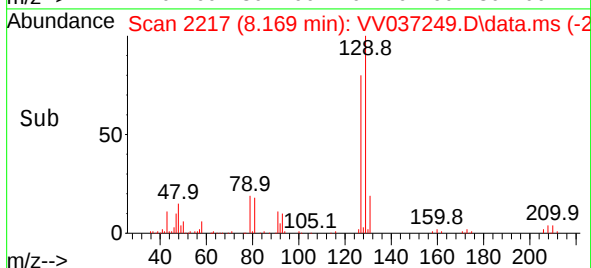
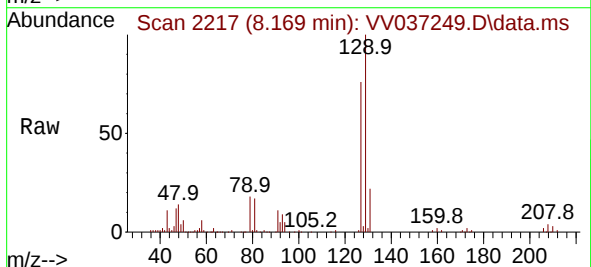
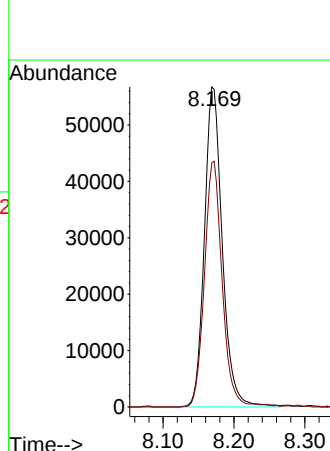
Delta R.T. -0.003 min

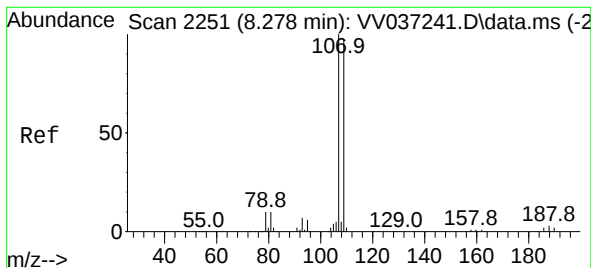
Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Tgt Ion: 129 Resp: 99456

Ion	Ratio	Lower	Upper
129	100		
127	76.4	54.5	101.1





#50

1,2-Dibromoethane

Concen: 4.782 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

ClientSampleId :

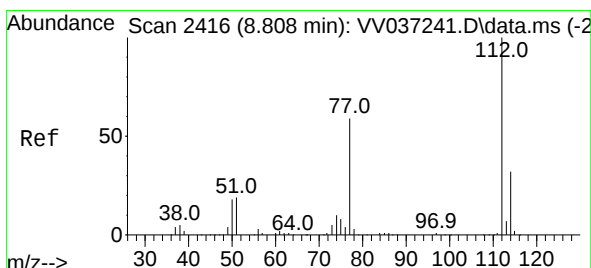
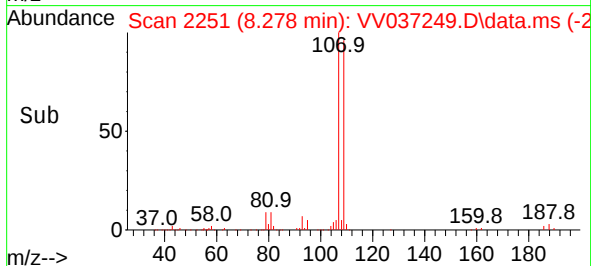
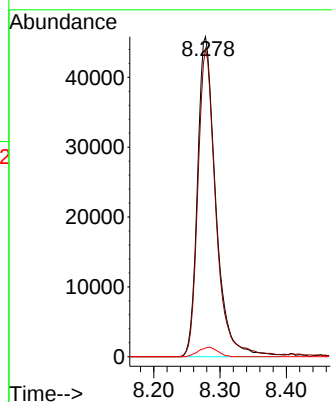
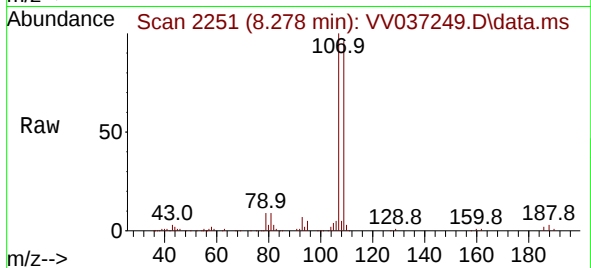
Tgt Ion:107 Resp: 87695

Ion Ratio Lower Upper

107 100

109 96.1 68.1 126.5

188 2.7 2.7 4.1#



#51

Chlorobenzene

Concen: 4.743 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.000 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

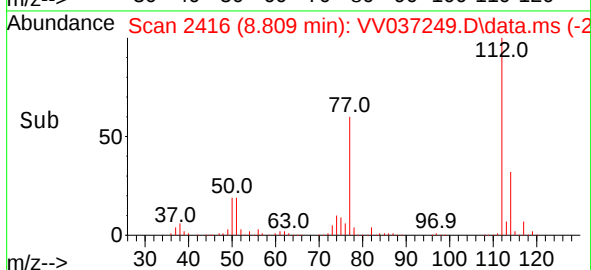
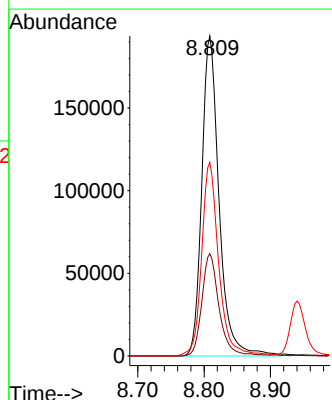
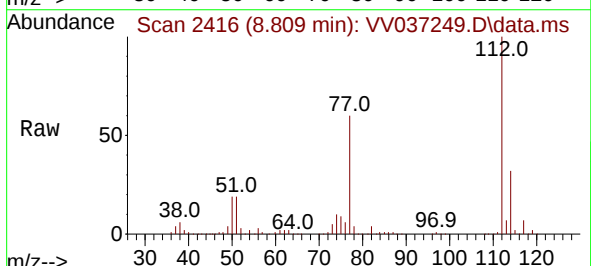
Tgt Ion:112 Resp: 350225

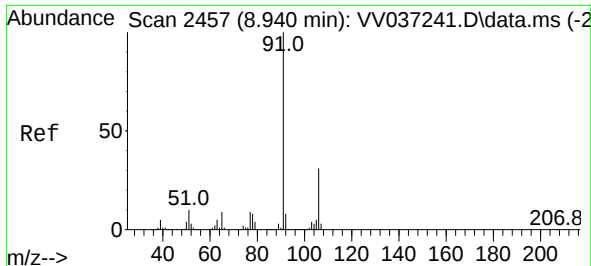
Ion Ratio Lower Upper

112 100

114 31.9 22.6 42.0

77 60.5 47.0 70.6





#52

Ethylbenzene

Concen: 4.872 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

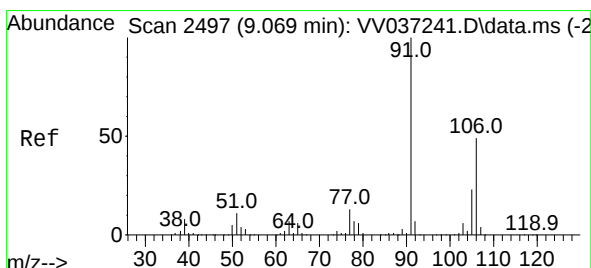
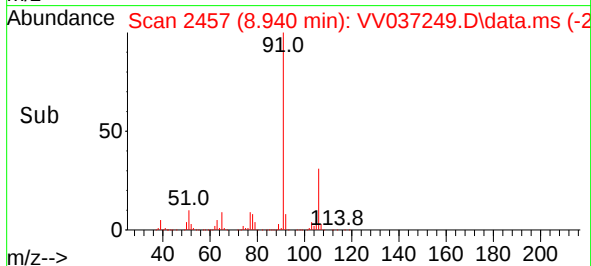
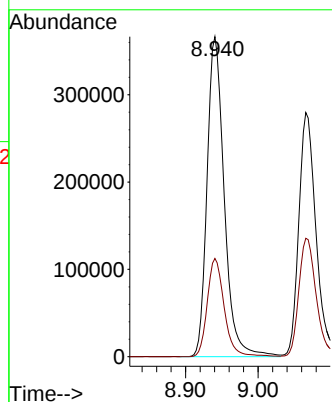
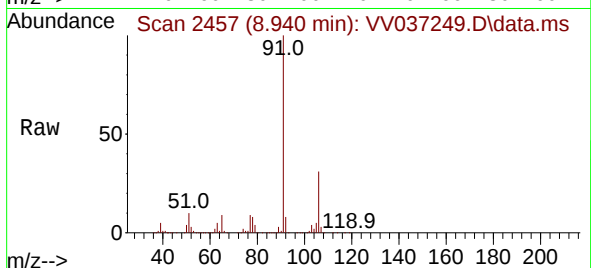
ClientSampleId :

Tgt Ion: 91 Resp: 602921

Ion Ratio Lower Upper

91 100

106 30.7 21.7 40.3



#53

m,p-Xylene

Concen: 5.027 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.003 min

Lab File: VV037249.D

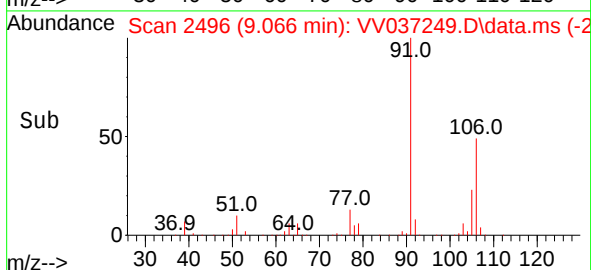
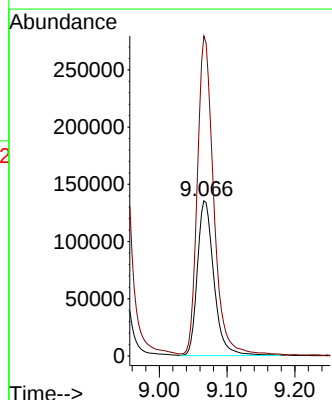
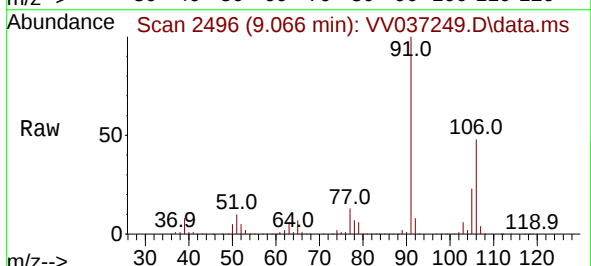
Acq: 11 Sep 2024 09:39

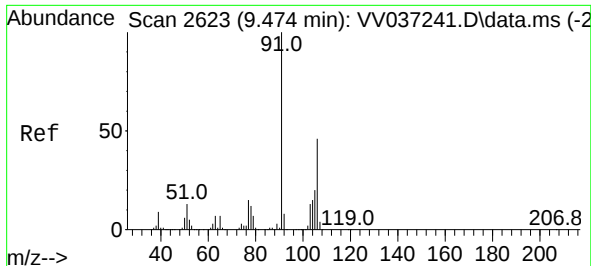
Tgt Ion: 106 Resp: 228905

Ion Ratio Lower Upper

106 100

91 206.2 143.3 266.1





#54

o-Xylene

Concen: 4.875 ug/L

RT: 9.471 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

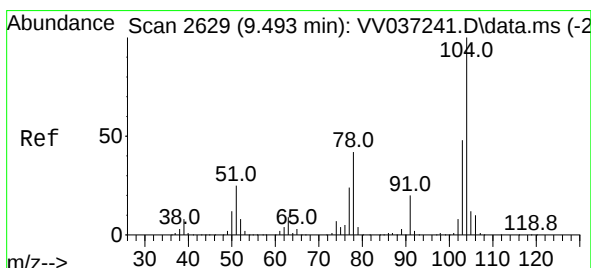
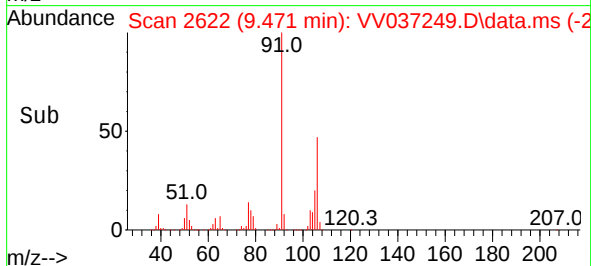
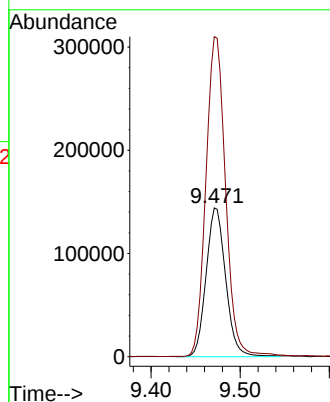
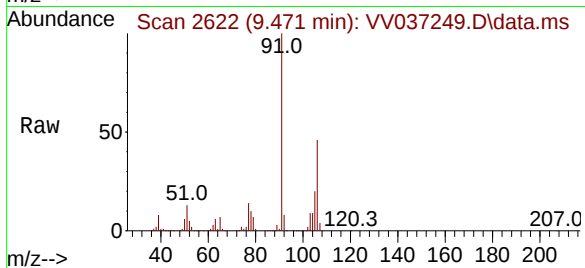
ClientSampleId :

Tgt Ion:106 Resp: 219768

Ion Ratio Lower Upper

106 100

91 215.1 151.8 282.0



#55

Styrene

Concen: 4.994 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.003 min

Lab File: VV037249.D

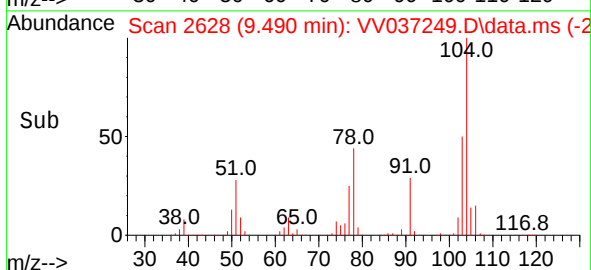
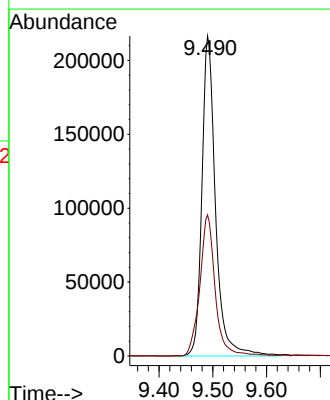
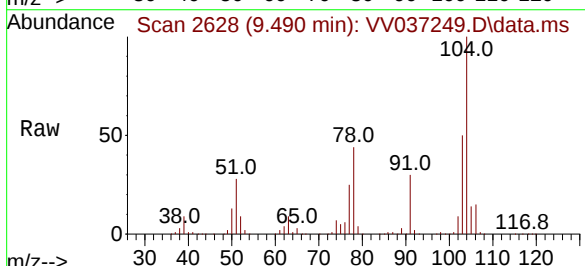
Acq: 11 Sep 2024 09:39

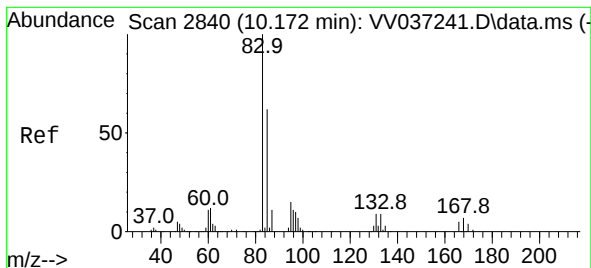
Tgt Ion:104 Resp: 381685

Ion Ratio Lower Upper

104 100

78 44.1 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.707 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

ClientSampleId :

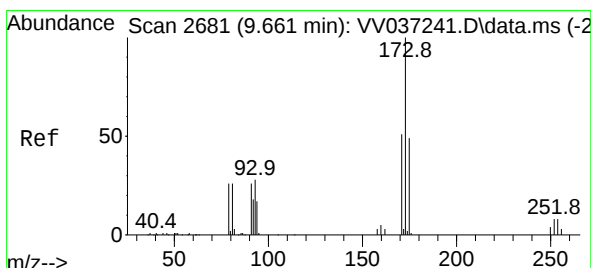
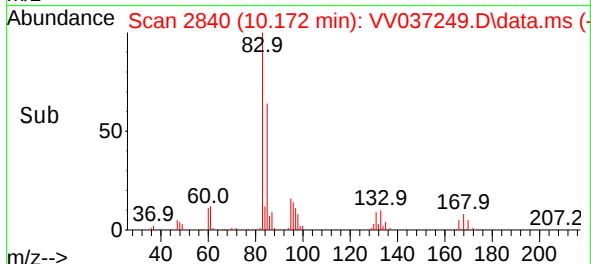
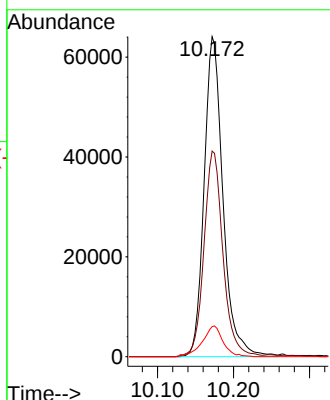
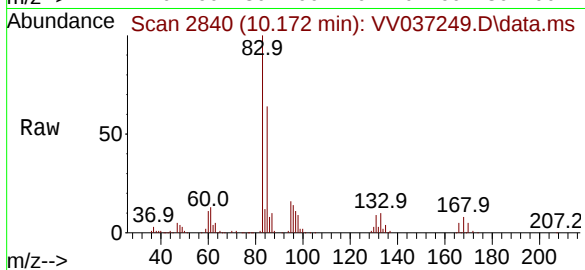
Tgt Ion: 83 Resp: 110377

Ion Ratio Lower Upper

83 100

85 64.3 43.2 80.2

131 9.4 6.9 10.3



#59

Bromoform

Concen: 4.688 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

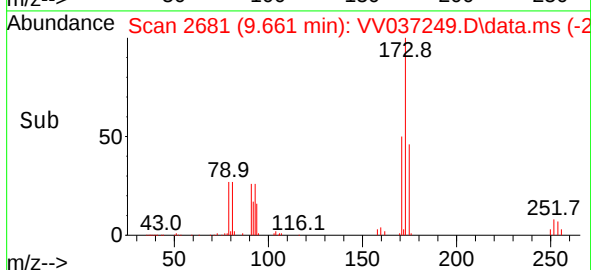
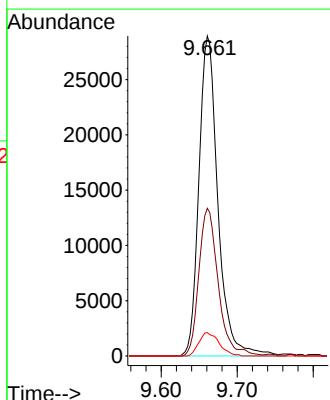
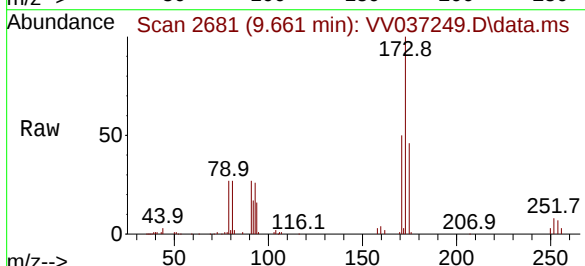
Tgt Ion: 173 Resp: 50196

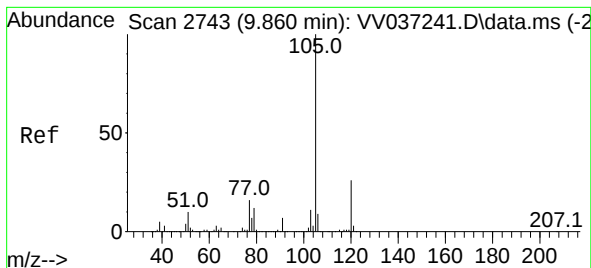
Ion Ratio Lower Upper

173 100

175 47.0 38.7 58.1

254 7.8 6.8 10.2





#60

Isopropylbenzene

Concen: 4.852 ug/L

RT: 9.860 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

ClientSampleId :

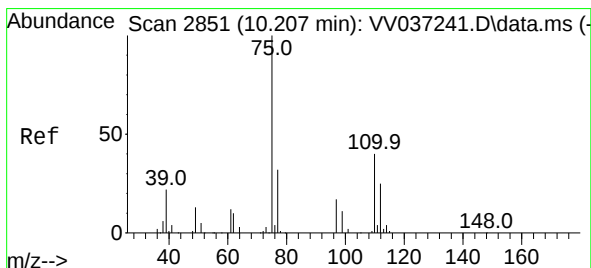
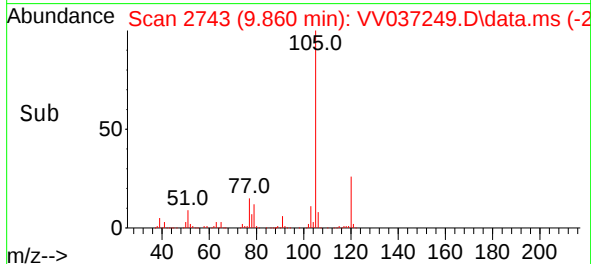
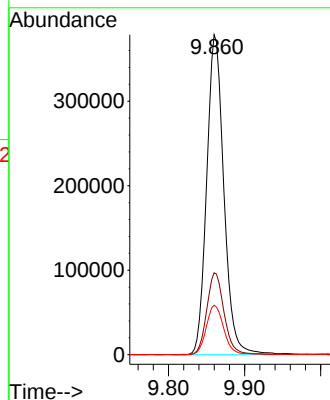
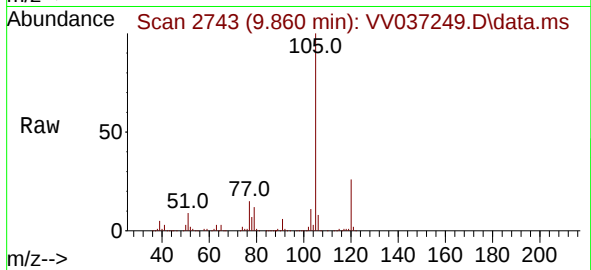
Tgt Ion:105 Resp: 594409

Ion Ratio Lower Upper

105 100

120 26.0 20.2 30.4

77 15.8 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 4.730 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

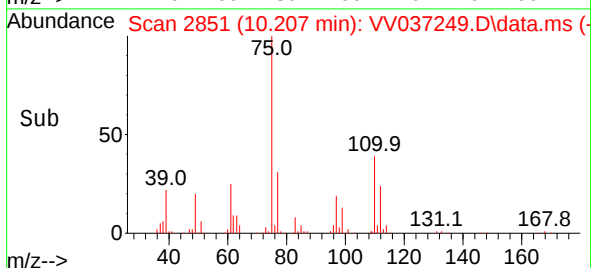
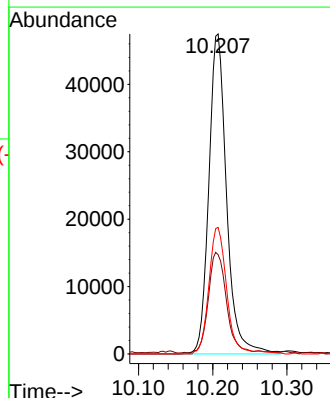
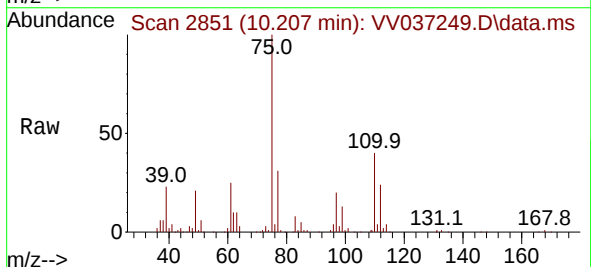
Tgt Ion: 75 Resp: 78776

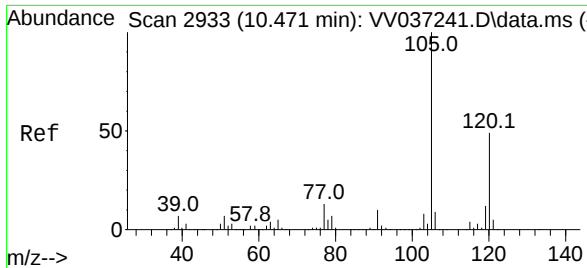
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

110 39.9 31.0 46.4

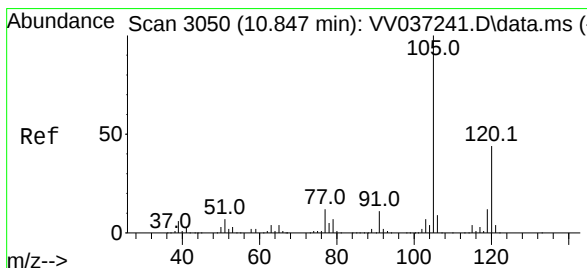
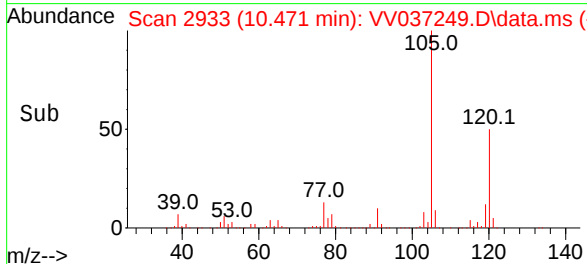
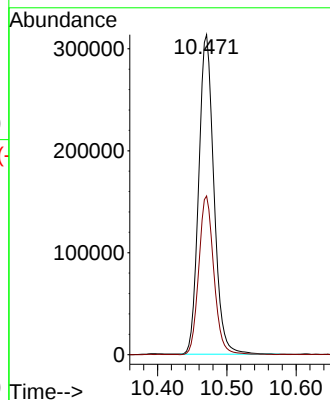
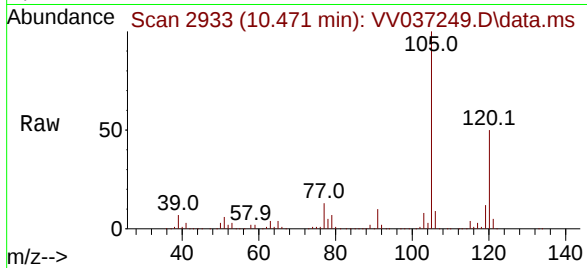




#62
 1,3,5-Trimethylbenzene
 Concen: 4.921 ug/L
 RT: 10.471 min Scan# 2933
 Delta R.T. 0.000 min
 Lab File: VV037249.D
 Acq: 11 Sep 2024 09:39

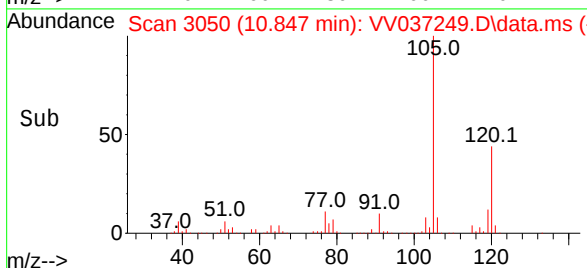
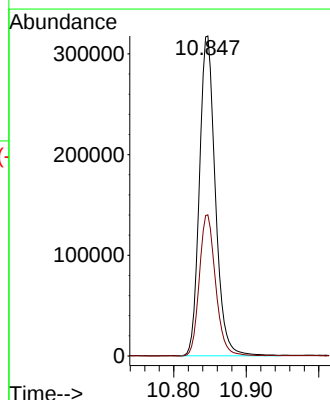
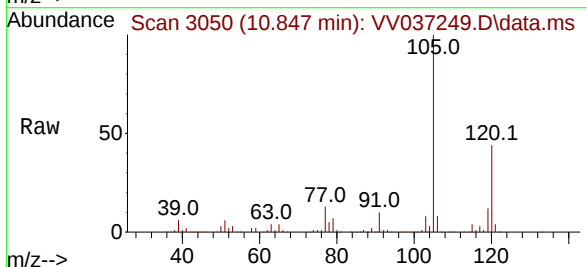
Instrument :
 MSVOA_V
 ClientSampleId :

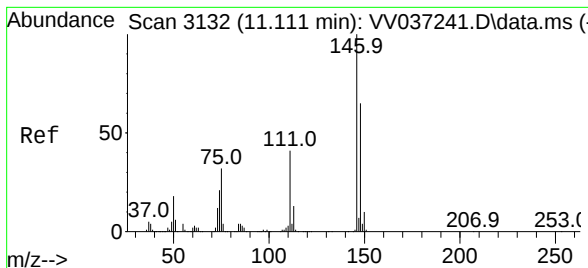
Tgt Ion:105 Resp: 478040
 Ion Ratio Lower Upper
 105 100
 120 49.5 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.959 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. 0.000 min
 Lab File: VV037249.D
 Acq: 11 Sep 2024 09:39

Tgt Ion:105 Resp: 483888
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 4.854 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

ClientSampleId :

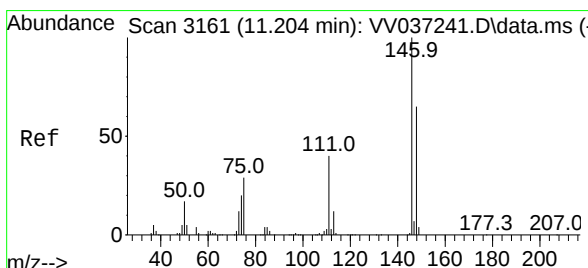
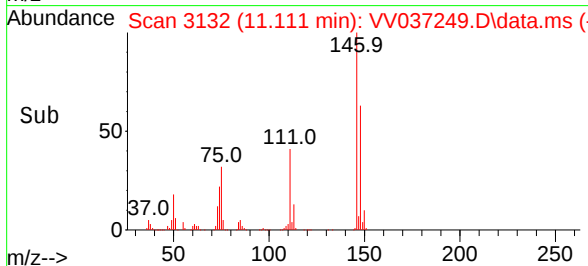
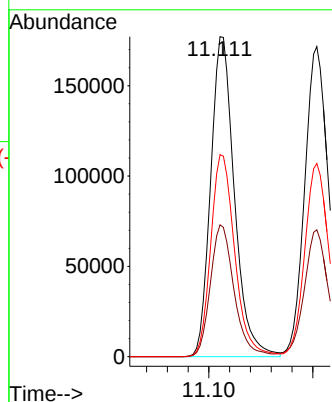
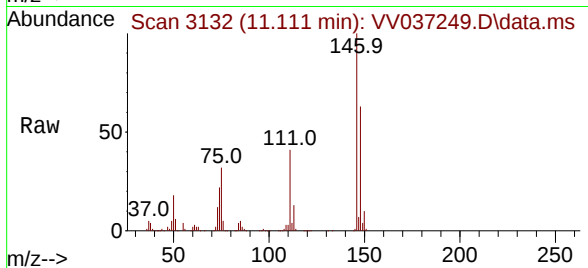
Tgt Ion:146 Resp: 281121

Ion Ratio Lower Upper

146 100

111 41.2 28.8 53.4

148 63.2 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 4.771 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

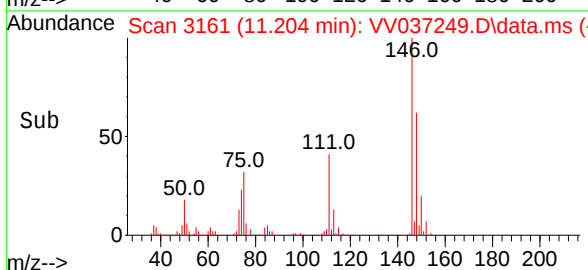
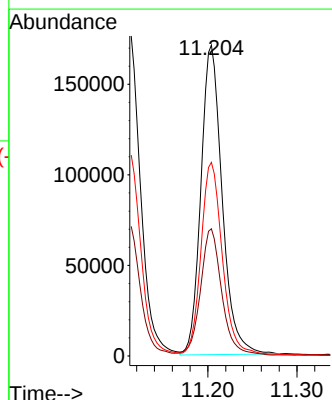
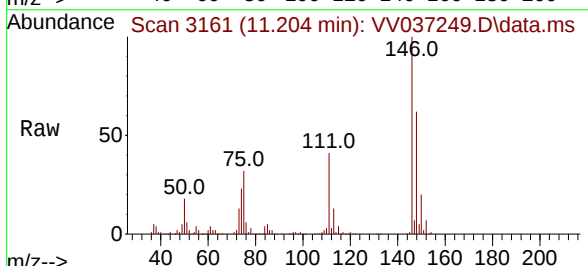
Tgt Ion:146 Resp: 283322

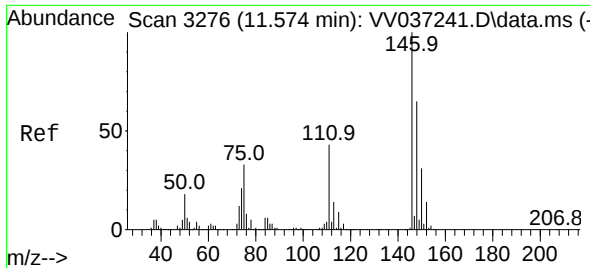
Ion Ratio Lower Upper

146 100

111 40.9 28.2 52.4

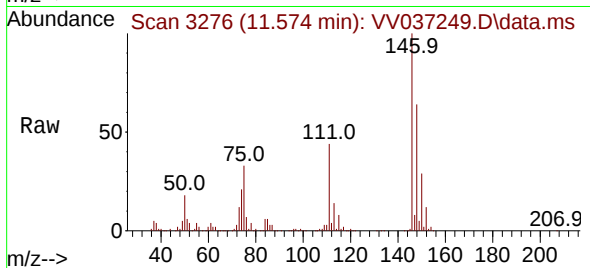
148 62.3 45.8 85.0



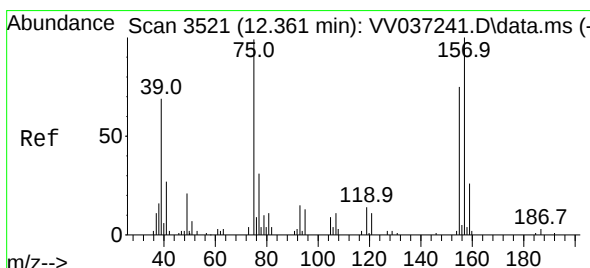
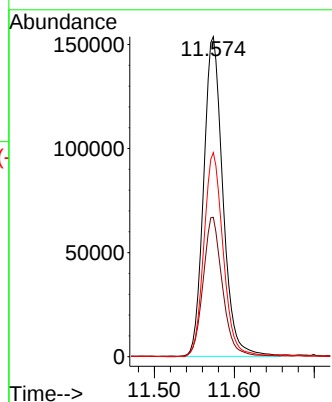
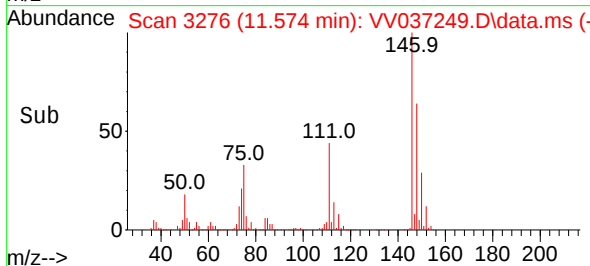


#67
1,2-Dichlorobenzene
Concen: 4.789 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39

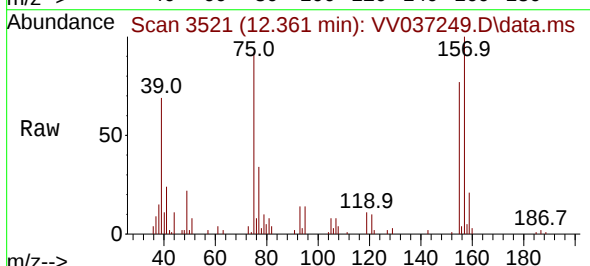
Instrument :
MSVOA_V
ClientSampleId :



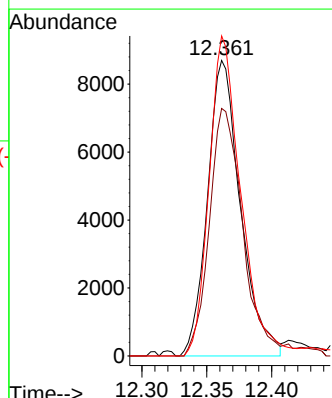
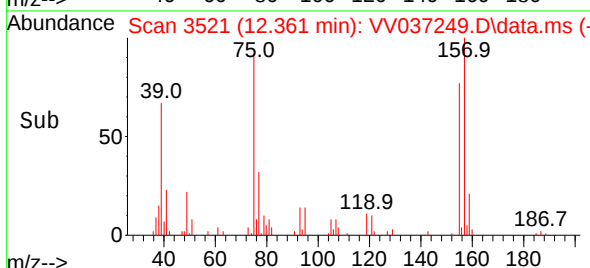
Tgt Ion:146 Resp: 257126
Ion Ratio Lower Upper
146 100
111 43.6 34.4 51.6
148 63.7 51.8 77.6

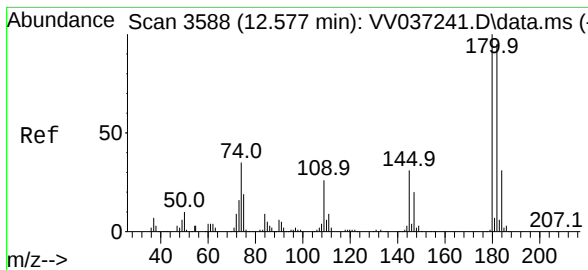


#68
1,2-Dibromo-3-chloropropane
Concen: 4.447 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV037249.D
Acq: 11 Sep 2024 09:39



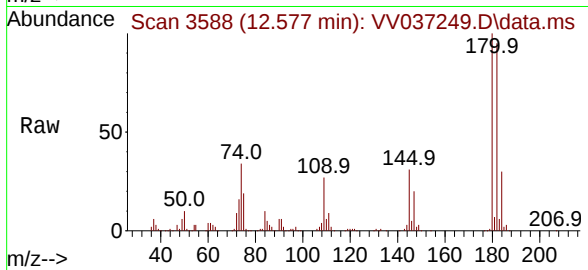
Tgt Ion: 75 Resp: 15358
Ion Ratio Lower Upper
75 100
155 83.7 60.6 90.8
157 108.3 81.1 121.7



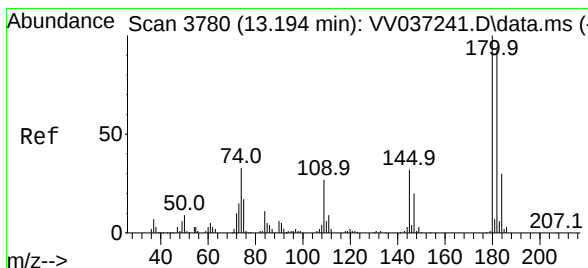
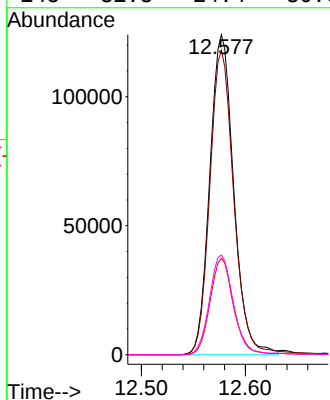
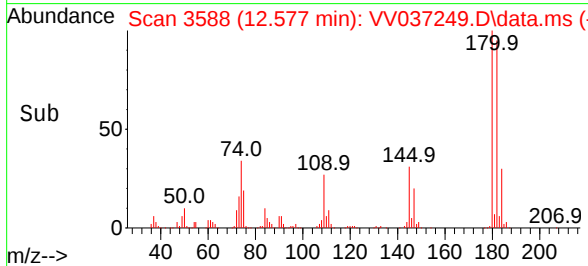


#69
 1,3,5-Trichlorobenzene
 Concen: 4.803 ug/L
 RT: 12.577 min Scan# 3588
 Delta R.T. 0.000 min
 Lab File: VV037249.D
 Acq: 11 Sep 2024 09:39

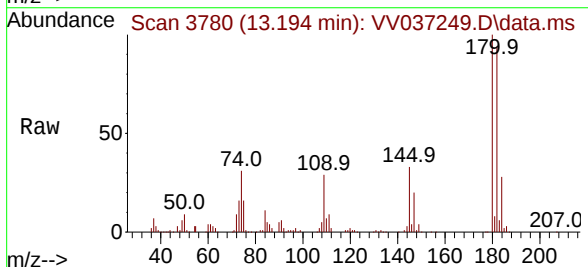
Instrument :
 MSVOA_V
 ClientSampleId :



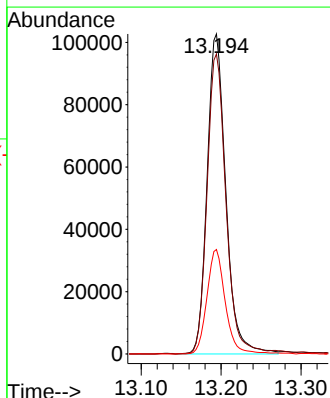
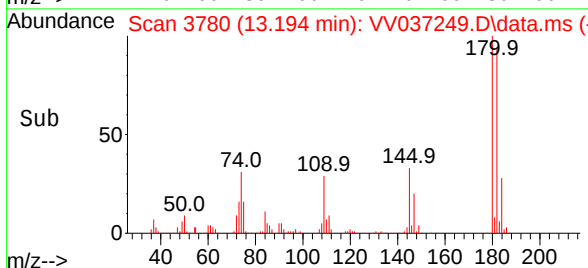
Tgt Ion:180 Resp: 198346
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.3 111.5
 184 29.2 24.3 36.5
 145 31.3 24.4 36.6

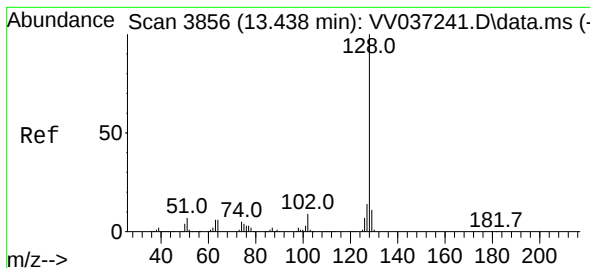


#70
 1,2,4-trichlorobenzene
 Concen: 4.920 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.000 min
 Lab File: VV037249.D
 Acq: 11 Sep 2024 09:39



Tgt Ion:180 Resp: 167247
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.4 113.0
 145 32.2 25.8 38.6





#71

Naphthalene

Concen: 4.890 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Instrument :

MSVOA_V

ClientSampleId :

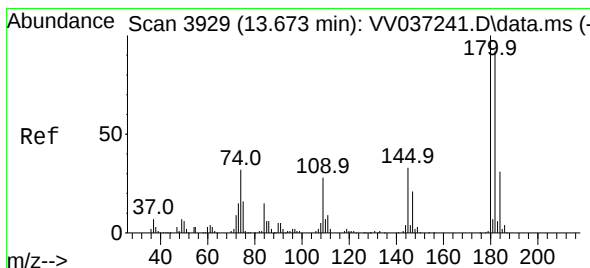
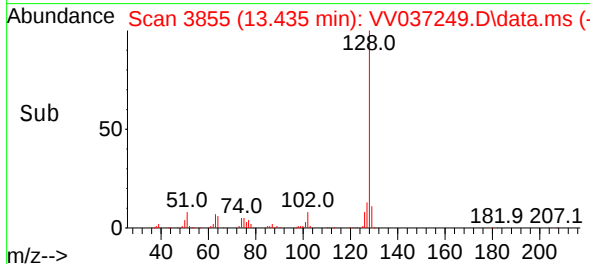
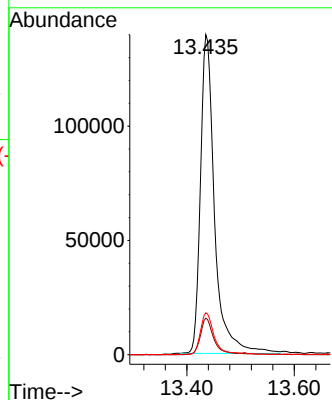
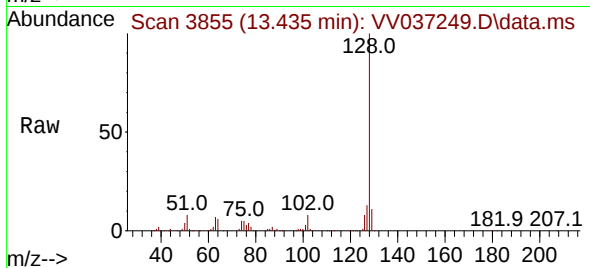
Tgt Ion:128 Resp: 254059

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.9 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.961 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV037249.D

Acq: 11 Sep 2024 09:39

Tgt Ion:180 Resp: 139563

Ion Ratio Lower Upper

180 100

182 93.9 73.4 110.0

145 34.5 27.2 40.8

