

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037244.D
 Acq On : 10 Sep 2024 12:12
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 11 05:02:47 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	337095	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	329250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	169132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	97172	4.913	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.529	69	100153	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.053	65	49358	4.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	3.818	46	301333	50.984	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.960%
24) Chloroform-d	4.239	84	234506	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	4.934	65	109858	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.950	84	461204	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	5.982	67	141268	5.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.236	98	417478	5.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	7.551	79	47272	5.235	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.024	63	233269	52.871	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.740%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	110601	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	152992	5.088	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	161812	5.168	ug/L	100
3) Chloromethane	1.214	50	167447	5.012	ug/L	98
5) Vinyl chloride	1.278	62	167238	5.093	ug/L	98
6) Bromomethane	1.484	94	104251	5.292	ug/L	98
8) Chloroethane	1.545	64	100330	5.081	ug/L	98
9) Trichlorofluoromethane	1.709	101	214927	5.262	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	125348	5.067	ug/L	99
12) 1,1-Dichloroethene	2.063	96	121274	5.134	ug/L	96
13) Acetone	2.156	43	196711	47.800	ug/L	98
14) Carbon disulfide	2.233	76	383098	5.143	ug/L	99
15) Methyl Acetate	2.387	43	48090	5.102	ug/L	99
16) Methylene chloride	2.442	84	131685	4.849	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	298256	5.311	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	130301	5.242	ug/L	97
19) 1,1-Dichloroethane	3.104	63	241757	5.094	ug/L	98
21) 2-Butanone	3.899	43	312565	49.974	ug/L	99
22) cis-1,2-Dichloroethene	3.805	96	140749	5.238	ug/L	98
23) Bromochloromethane	4.143	128	59758	5.136	ug/L	95
25) Chloroform	4.268	83	243368	5.090	ug/L	95

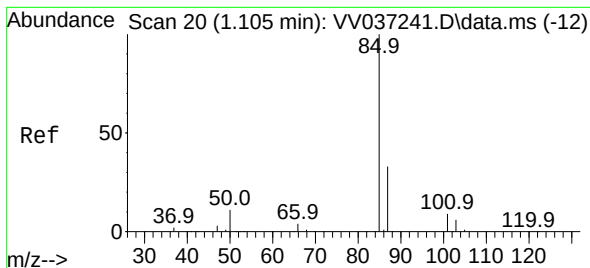
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
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Quant Time: Sep 11 05:02:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:56:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	140039	5.176	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	202860	5.196	ug/L	97
30) Cyclohexane	4.571	56	205850	5.435	ug/L	98
31) Carbon tetrachloride	4.725	117	172398	5.188	ug/L	100
33) Benzene	5.002	78	523320	5.275	ug/L	100
34) Trichloroethene	5.825	95	139278	5.210	ug/L	96
35) Methylcyclohexane	6.040	83	218155	5.368	ug/L	99
37) 1,2-Dichloropropane	6.085	63	127301	5.044	ug/L	99
38) Bromodichloromethane	6.426	83	164125	5.194	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	195359	5.344	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	791540	54.778	ug/L	97
42) Toluene	7.307	91	560204	5.429	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	156969	5.321	ug/L	95
45) 1,1,2-Trichloroethane	7.763	97	98624	5.459	ug/L	97
47) Tetrachloroethene	7.899	164	99966	5.225	ug/L	98
48) 2-Hexanone	8.072	43	570053	53.975	ug/L	98
49) Dibromochloromethane	8.172	129	100751	5.323	ug/L	100
50) 1,2-Dibromoethane	8.278	107	92804	5.437	ug/L	95
51) Chlorobenzene	8.808	112	363278	5.287	ug/L	98
52) Ethylbenzene	8.940	91	620958	5.392	ug/L	100
53) m,p-Xylene	9.066	106	229121	5.407	ug/L	99
54) o-Xylene	9.471	106	227558	5.424	ug/L	98
55) Styrene	9.490	104	394781	5.551	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.172	83	114496	5.247	ug/L	96
59) Bromoform	9.660	173	50563	5.110	ug/L	98
60) Isopropylbenzene	9.860	105	612185	5.408	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	78960	5.130	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	492470	5.486	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	503636	5.585	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	286805	5.359	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	290456	5.292	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	267358	5.389	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	16438	5.150	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	203435	5.331	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	181282	5.771	ug/L	100
71) Naphthalene	13.435	128	342793	7.140	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	155572	5.984	ug/L	97

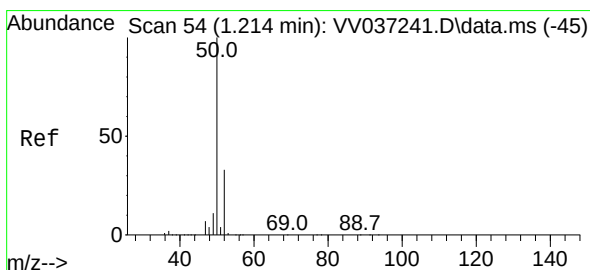
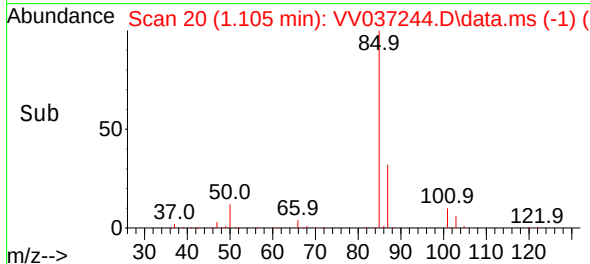
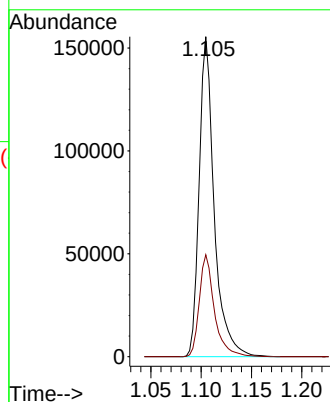
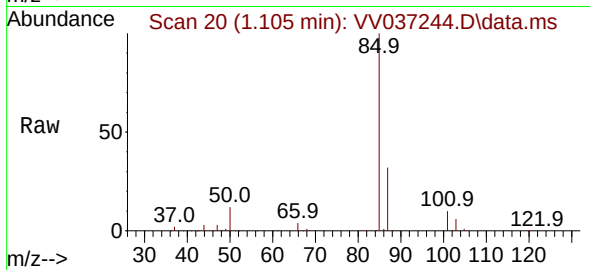
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.168 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV037244.D
 Acq: 10 Sep 2024 12:12

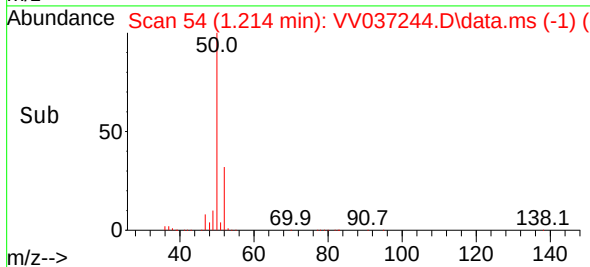
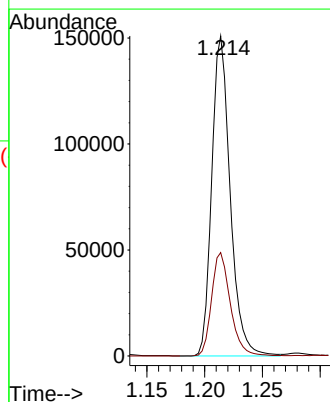
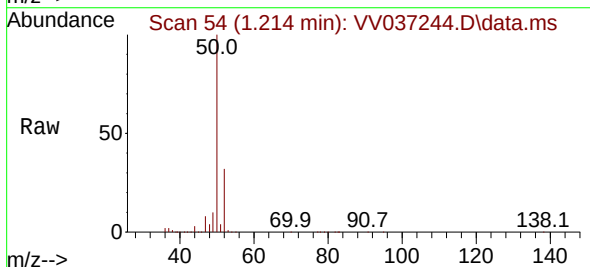
Instrument :
 MSVOA_V
 ClientSampleId :

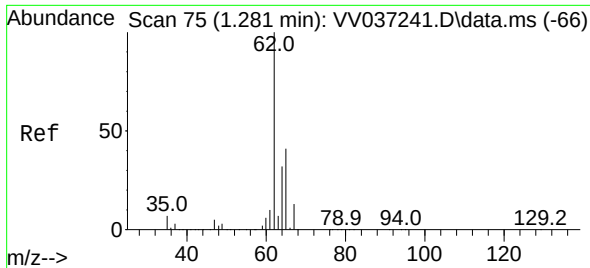
Tgt Ion: 85 Resp: 161812
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 5.012 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV037244.D
 Acq: 10 Sep 2024 12:12

Tgt Ion: 50 Resp: 167447
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.3 43.3

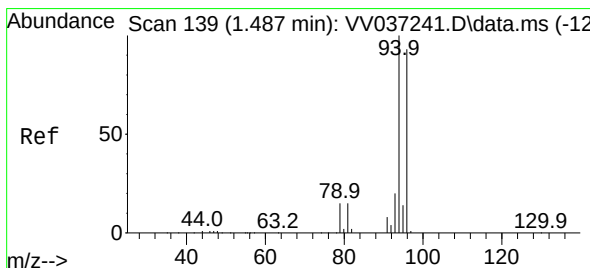
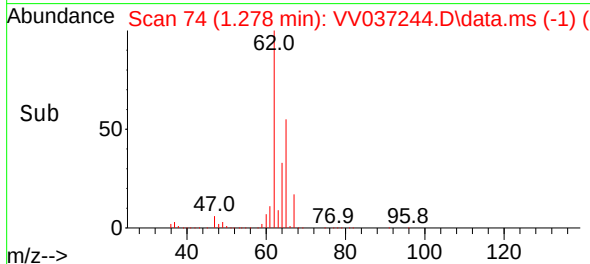
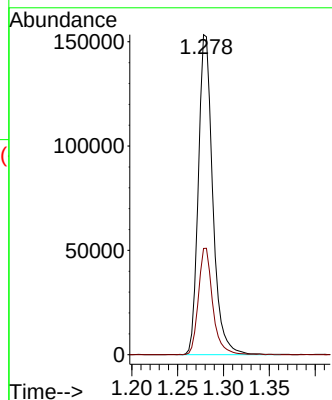
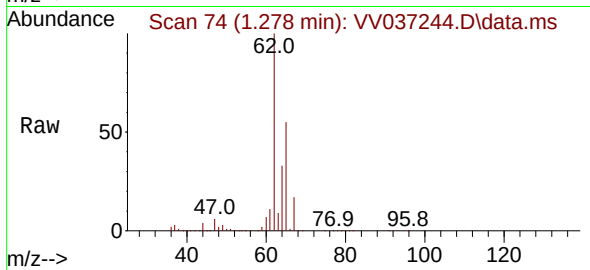




#5
 Vinyl chloride
 Concen: 5.093 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV037244.D
 Acq: 10 Sep 2024 12:12

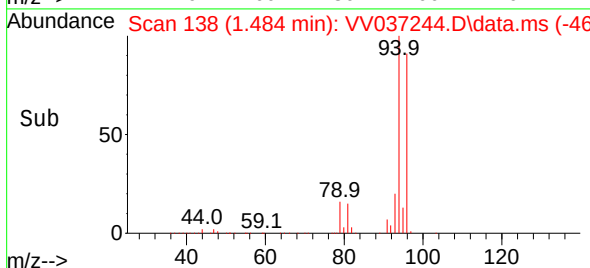
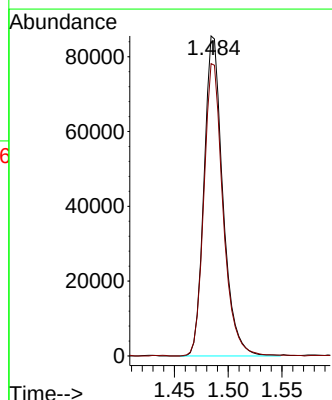
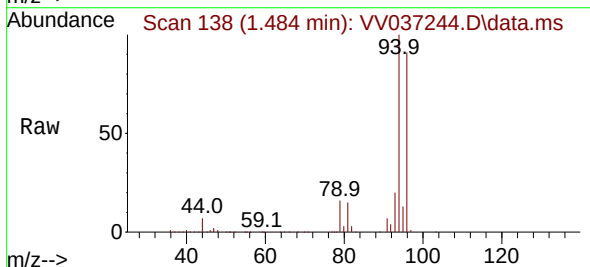
Instrument :
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 ClientSampleId :

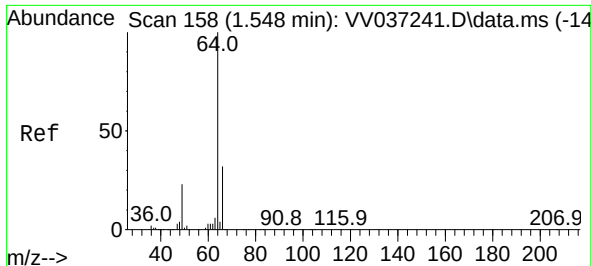
Tgt Ion: 62 Resp: 167238
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.4 41.6



#6
 Bromomethane
 Concen: 5.292 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037244.D
 Acq: 10 Sep 2024 12:12

Tgt Ion: 94 Resp: 104251
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.3 121.3

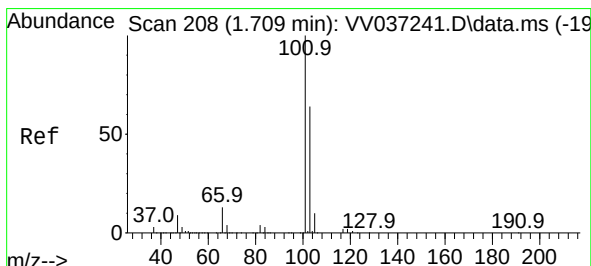
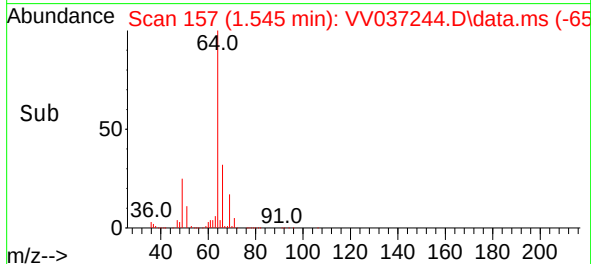
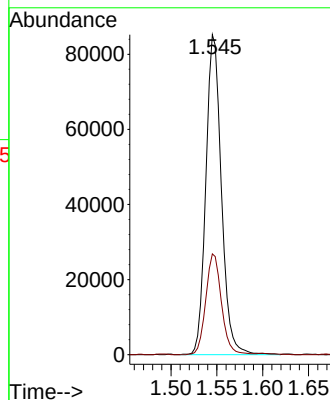
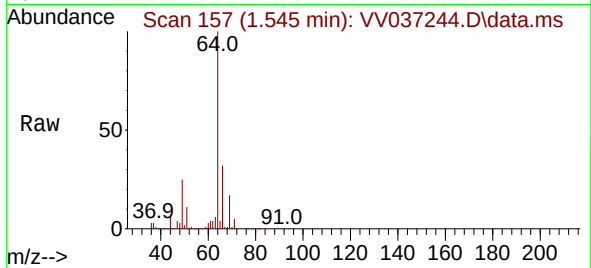




#8
Chloroethane
Concen: 5.081 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

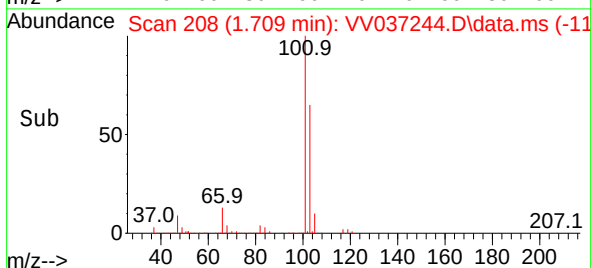
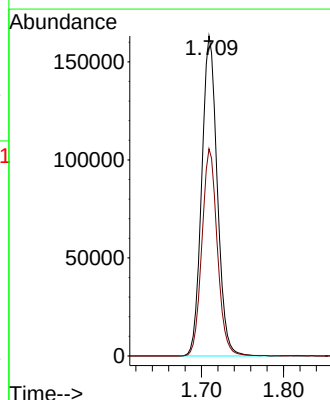
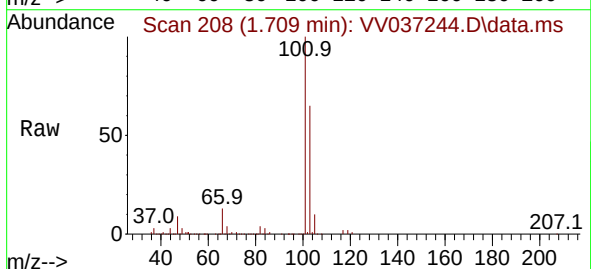
Instrument :
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ClientSampleId :

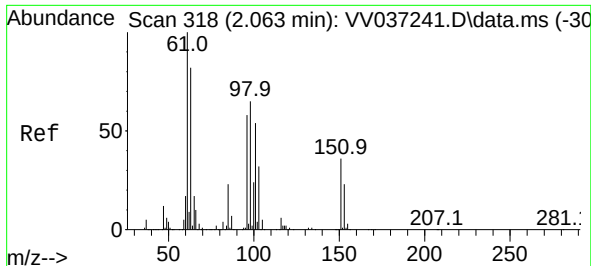
Tgt Ion: 64 Resp: 100330
Ion Ratio Lower Upper
64 100
66 31.5 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.262 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Tgt Ion:101 Resp: 214927
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

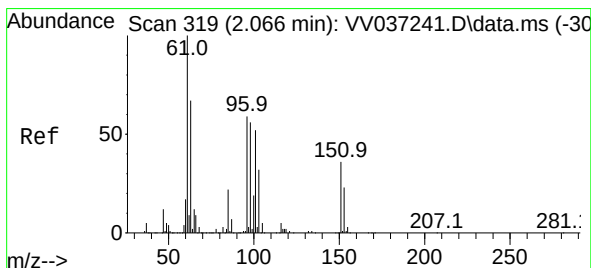
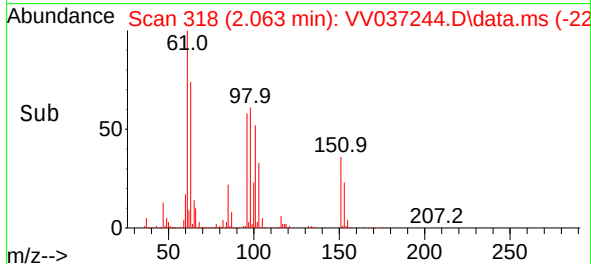
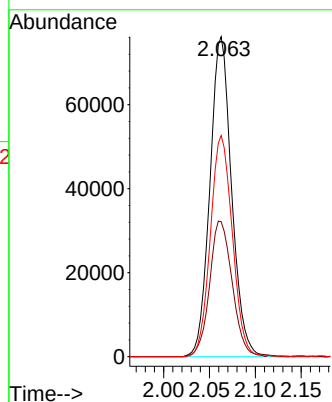
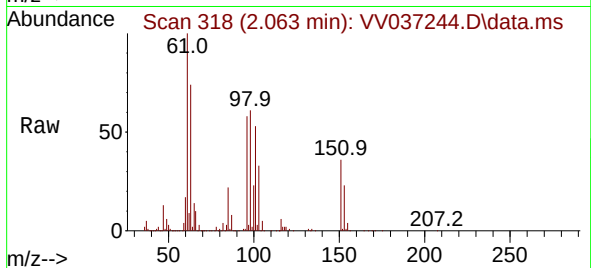




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.067 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

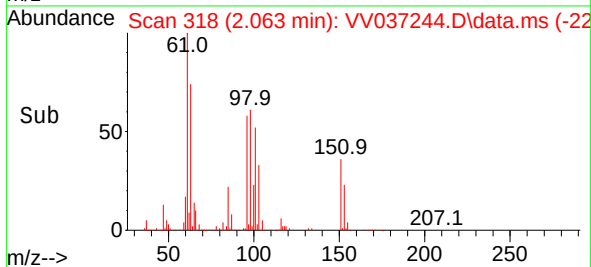
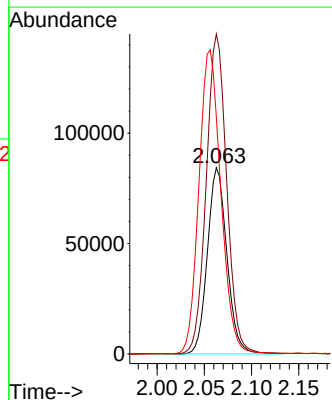
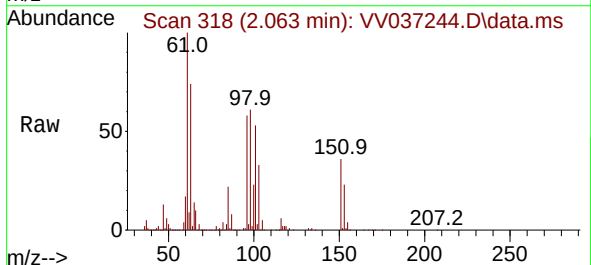
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ClientSampleId :

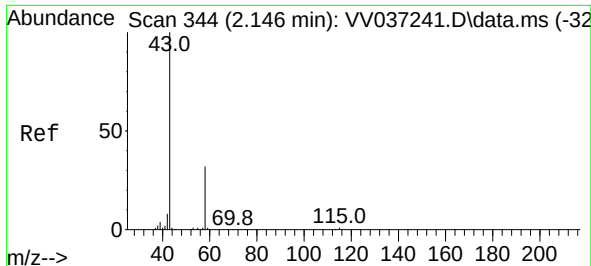
Tgt Ion:101 Resp: 125348
Ion Ratio Lower Upper
101 100
85 44.1 35.1 52.7
151 70.2 55.3 82.9



#12
1,1-Dichloroethene
Concen: 5.134 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Tgt Ion: 96 Resp: 121274
Ion Ratio Lower Upper
96 100
61 171.8 119.9 222.7
63 127.1 81.4 151.2





#13

Acetone

Concen: 47.800 ug/L

RT: 2.156 min Scan# 344

Delta R.T. 0.010 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Instrument :

MSVOA_V

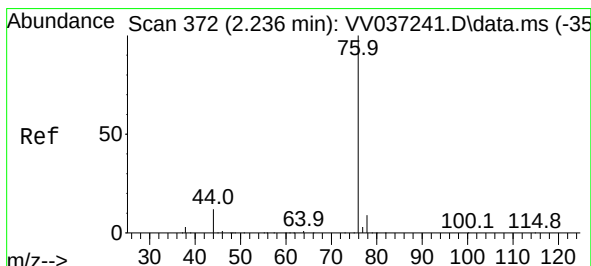
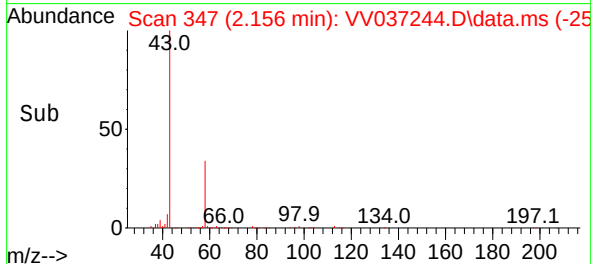
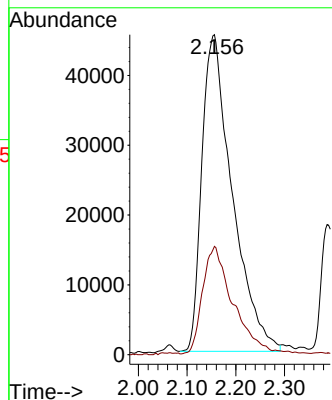
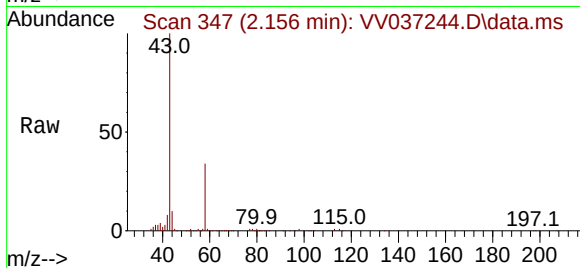
ClientSampleId :

Tgt Ion: 43 Resp: 196711

Ion Ratio Lower Upper

43 100

58 33.4 0.0 69.2



#14

Carbon disulfide

Concen: 5.143 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037244.D

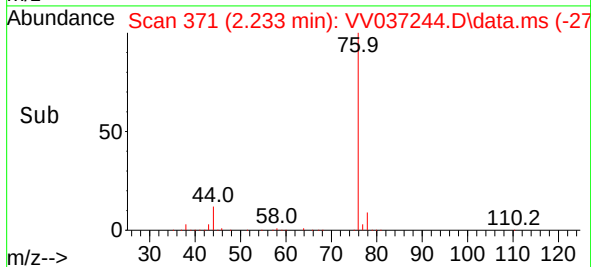
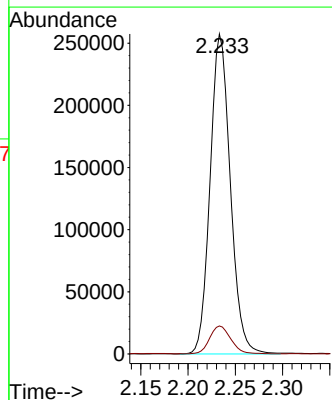
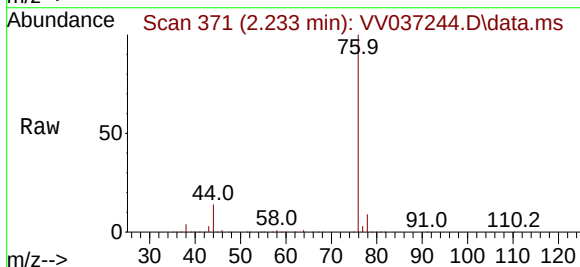
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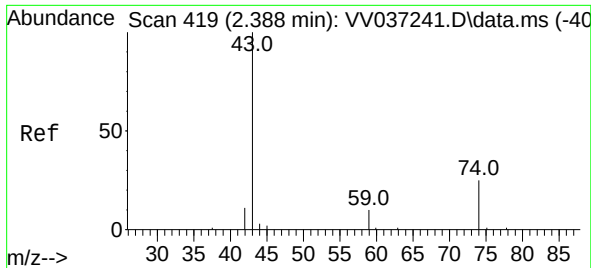
Tgt Ion: 76 Resp: 383098

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9





#15

Methyl Acetate

Concen: 5.102 ug/L

RT: 2.387 min Scan# 419

Delta R.T. -0.000 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Instrument :

MSVOA_V

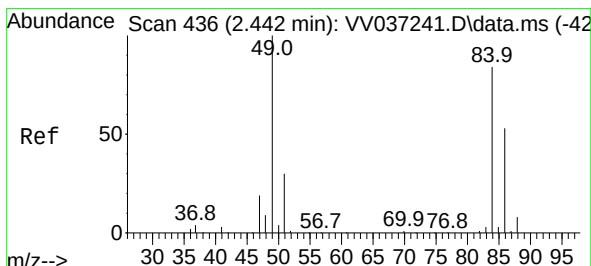
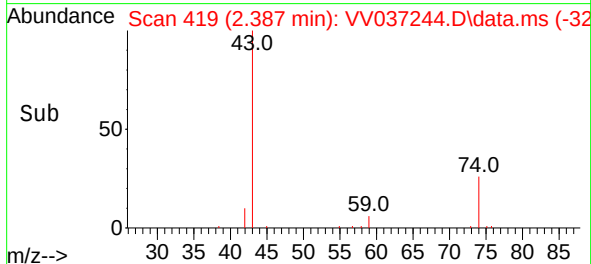
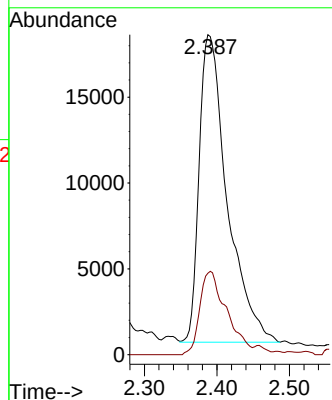
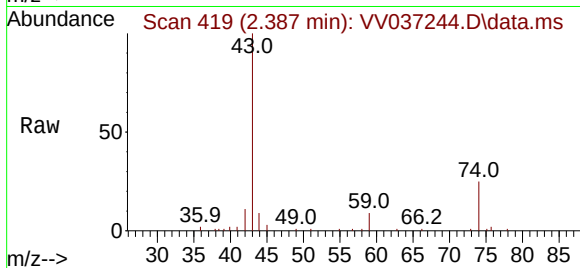
ClientSampleId :

Tgt Ion: 43 Resp: 48090

Ion Ratio Lower Upper

43 100

74 25.9 21.0 31.4



#16

Methylene chloride

Concen: 4.849 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

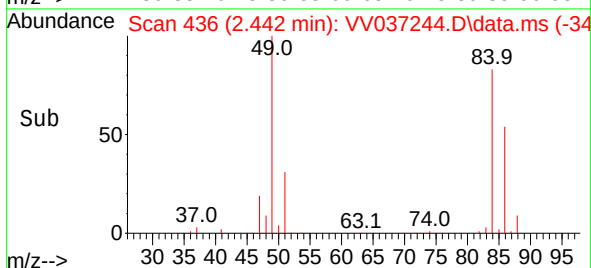
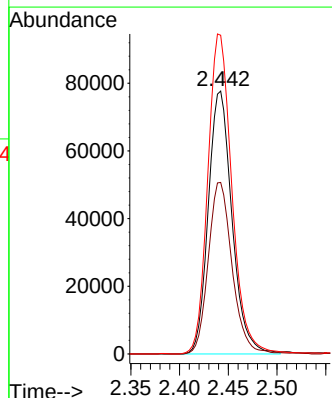
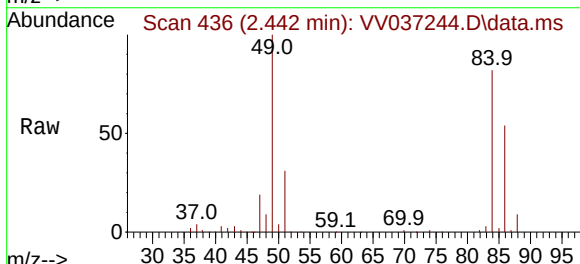
Tgt Ion: 84 Resp: 131685

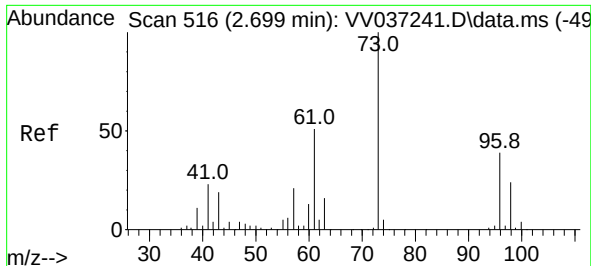
Ion Ratio Lower Upper

84 100

86 65.3 44.0 81.8

49 121.3 83.0 154.1



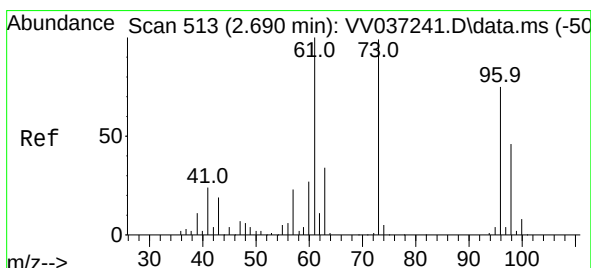
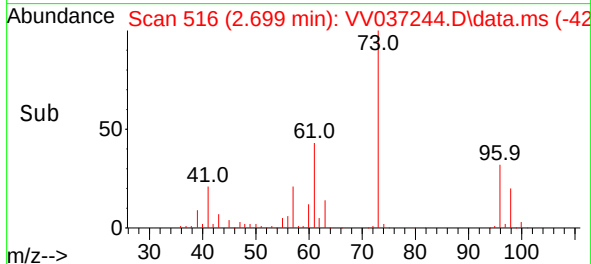
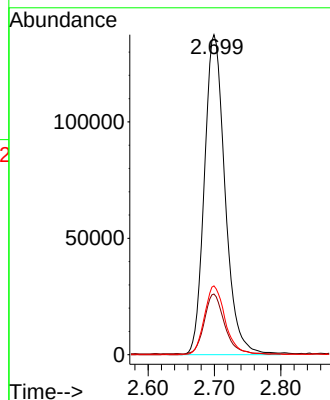
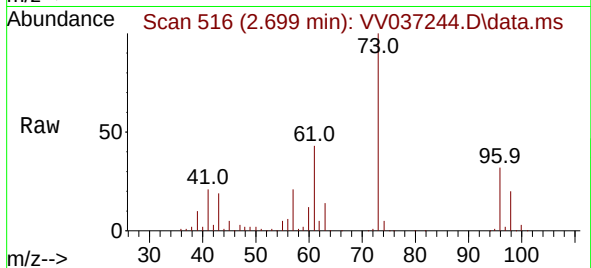


#17
Methyl tert-butyl Ether
Concen: 5.311 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 298256

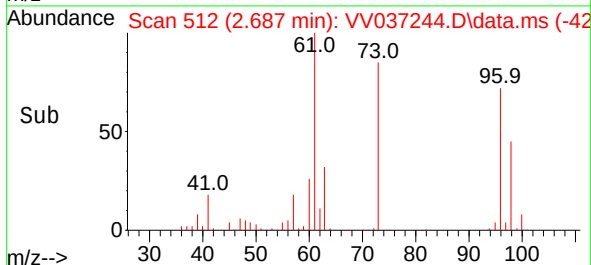
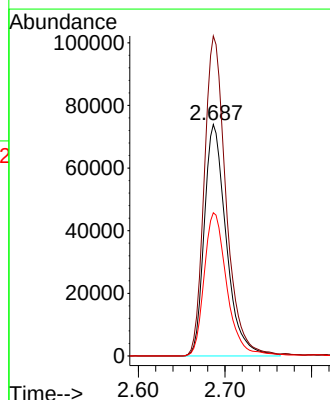
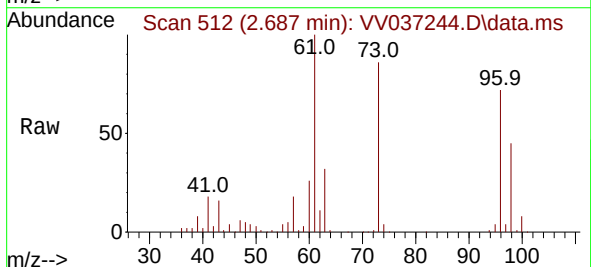
Ion	Ratio	Lower	Upper
73	100		
43	18.2	14.5	21.7
57	21.8	17.7	26.5

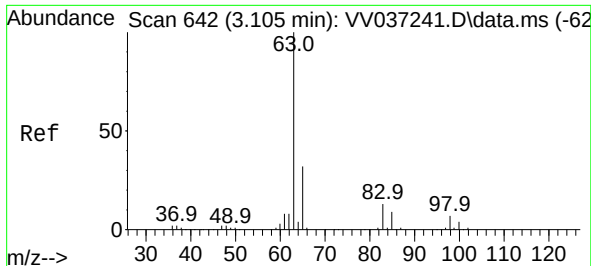


#18
trans-1,2-Dichloroethene
Concen: 5.242 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Tgt Ion: 96 Resp: 130301

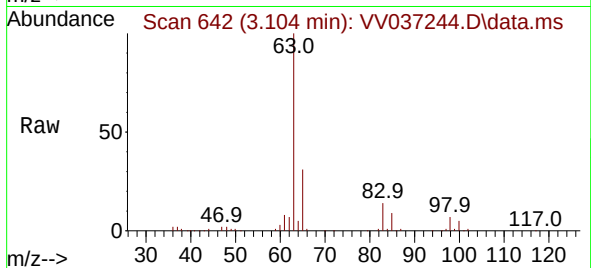
Ion	Ratio	Lower	Upper
96	100		
61	138.2	92.8	172.4
98	61.9	43.0	79.8



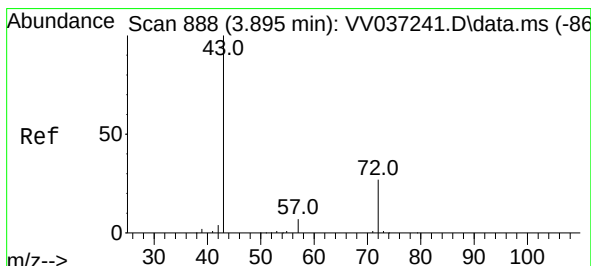
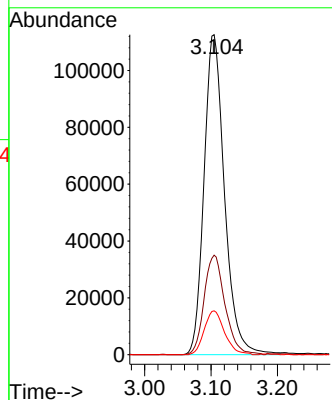
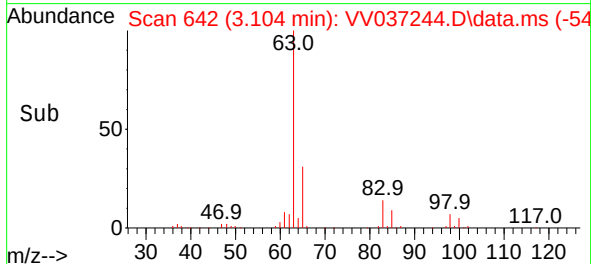


#19
1,1-Dichloroethane
Concen: 5.094 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Instrument :
MSVOA_V
ClientSampleId :

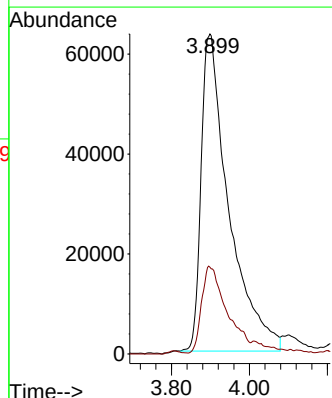
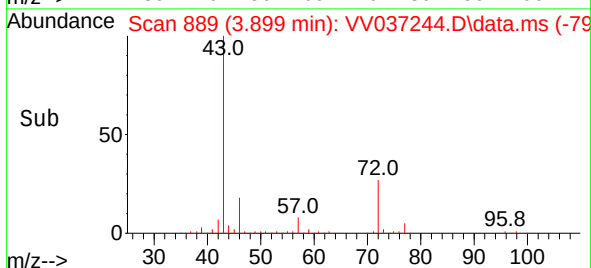
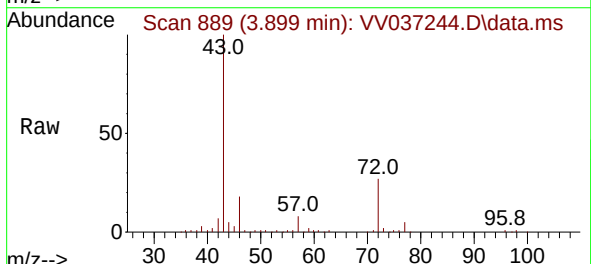


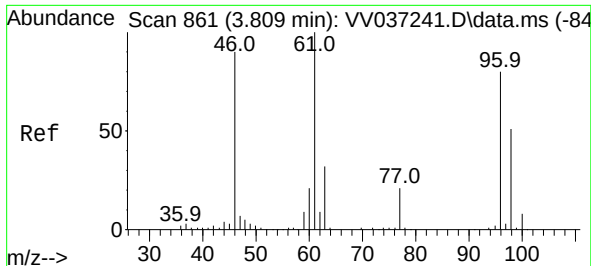
Tgt Ion: 63 Resp: 241757
Ion Ratio Lower Upper
63 100
65 31.1 22.5 41.7
83 13.7 8.9 16.5



#21
2-Butanone
Concen: 49.974 ug/L
RT: 3.899 min Scan# 889
Delta R.T. 0.003 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Tgt Ion: 43 Resp: 312565
Ion Ratio Lower Upper
43 100
72 24.7 12.2 36.6

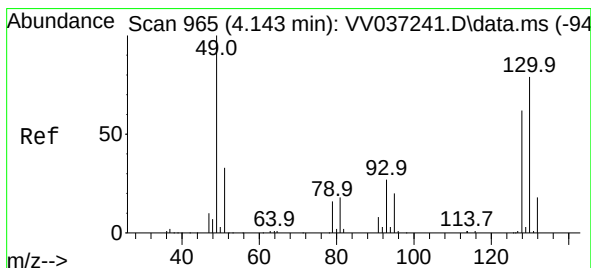
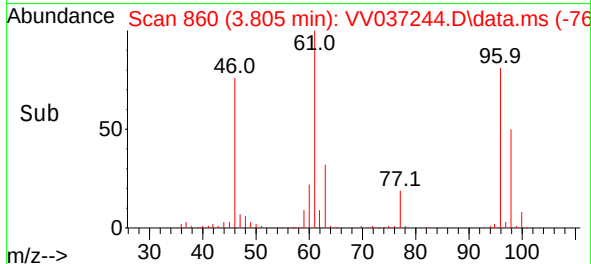
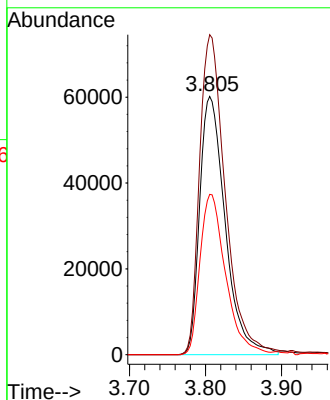
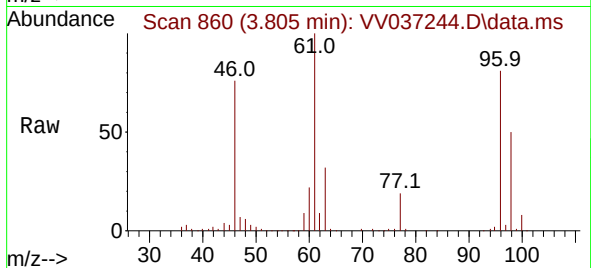




#22
 cis-1,2-Dichloroethene
 Concen: 5.238 ug/L
 RT: 3.805 min Scan# 861
 Delta R.T. -0.003 min
 Lab File: VV037244.D
 Acq: 10 Sep 2024 12:12

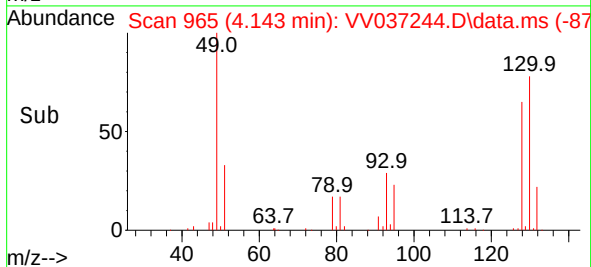
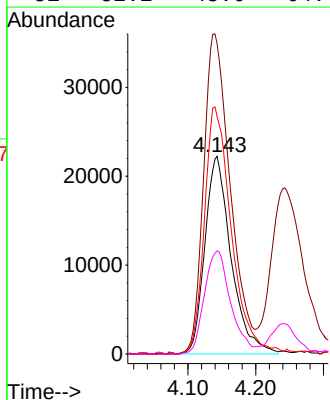
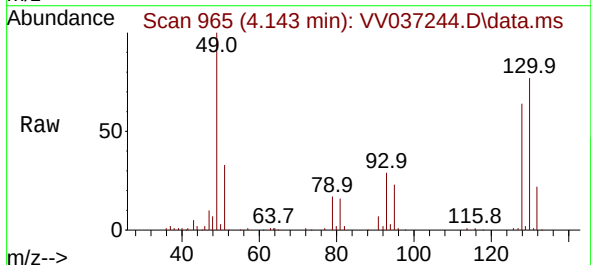
Instrument :
 MSVOA_V
 ClientSampleId :

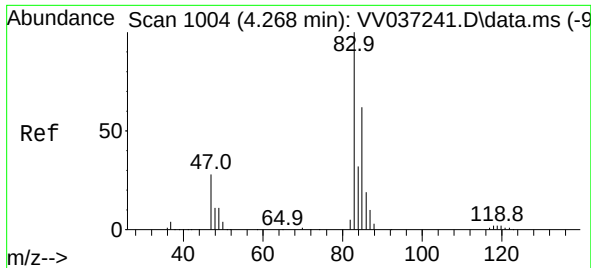
Tgt Ion: 96 Resp: 140749
 Ion Ratio Lower Upper
 96 100
 61 123.9 87.6 162.6
 98 62.1 44.9 83.5



#23
 Bromochloromethane
 Concen: 5.136 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. -0.000 min
 Lab File: VV037244.D
 Acq: 10 Sep 2024 12:12

Tgt Ion:128 Resp: 59758
 Ion Ratio Lower Upper
 128 100
 49 157.0 114.0 211.8
 130 120.2 89.3 165.9
 51 52.2 43.0 64.4





#25

Chloroform

Concen: 5.090 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Instrument :

MSVOA_V

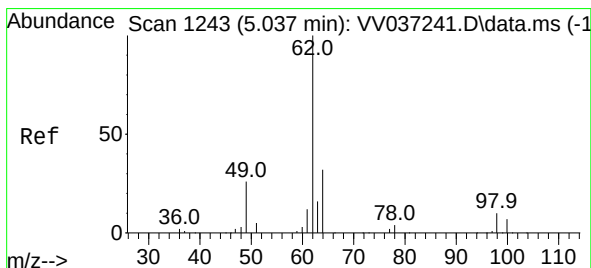
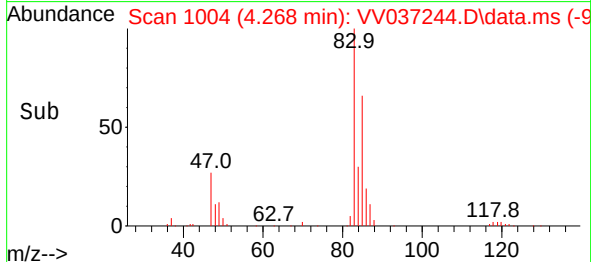
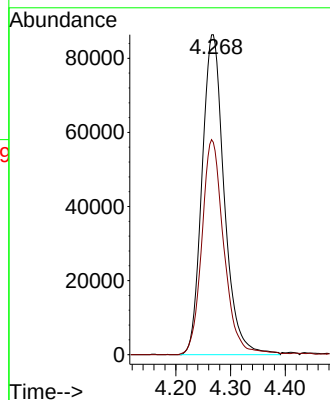
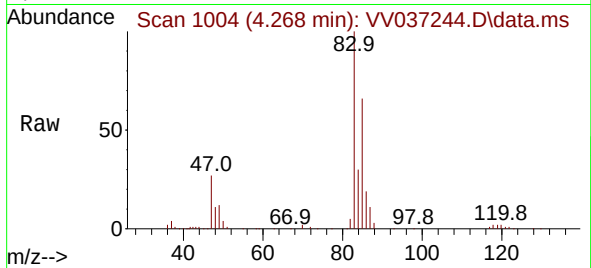
ClientSampleId :

Tgt Ion: 83 Resp: 243368

Ion Ratio Lower Upper

83 100

85 66.4 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.176 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV037244.D

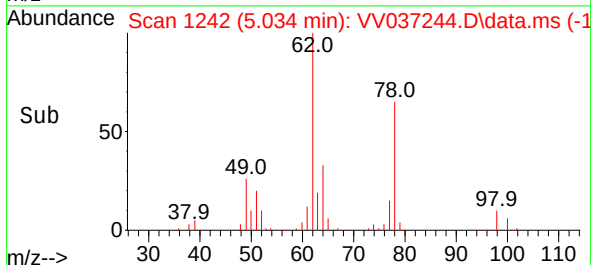
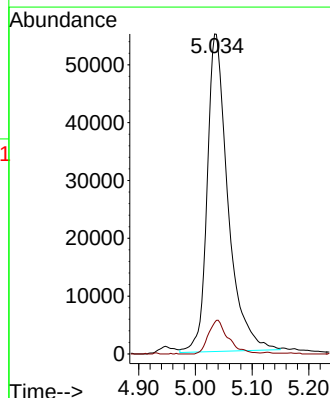
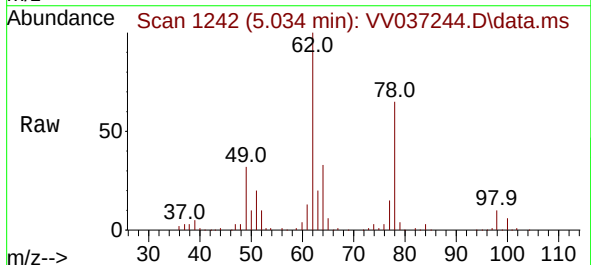
Acq: 10 Sep 2024 12:12

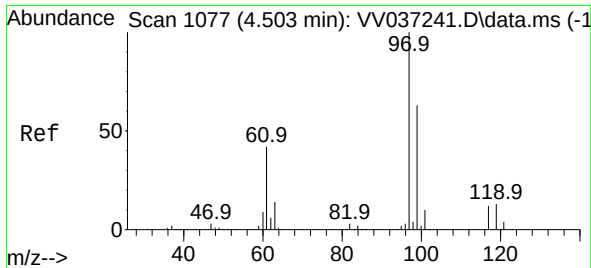
Tgt Ion: 62 Resp: 140039

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.4

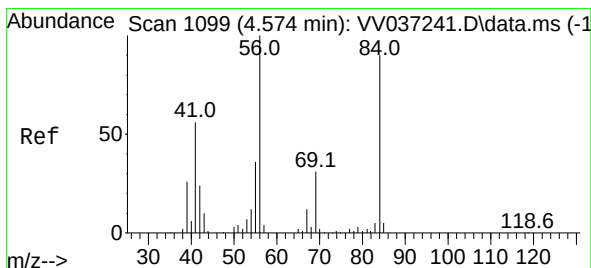
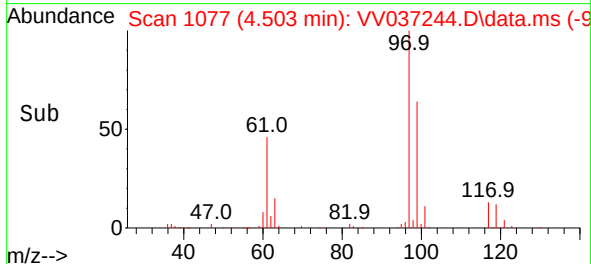
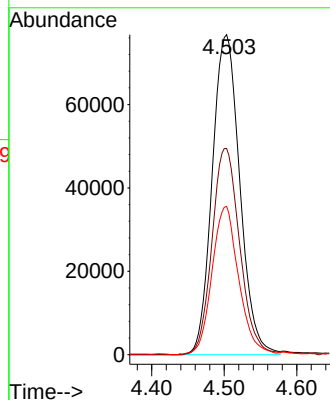
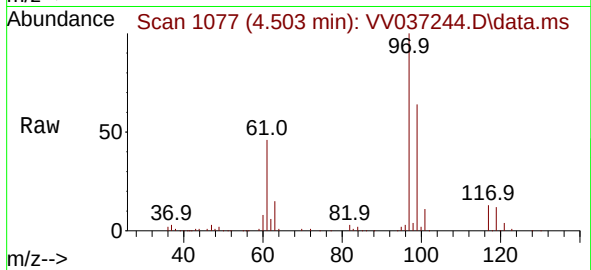




#29
1,1,1-Trichloroethane
Concen: 5.196 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

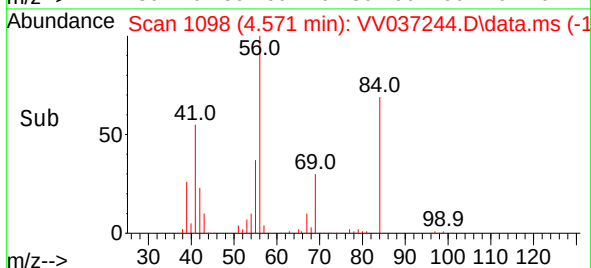
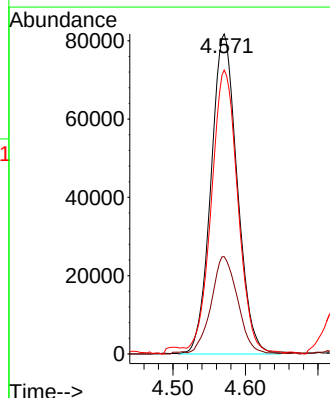
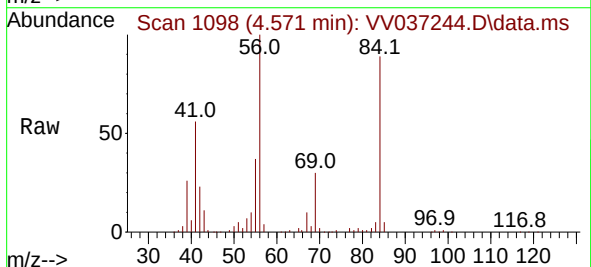
Instrument :
MSVOA_V
ClientSampleId :

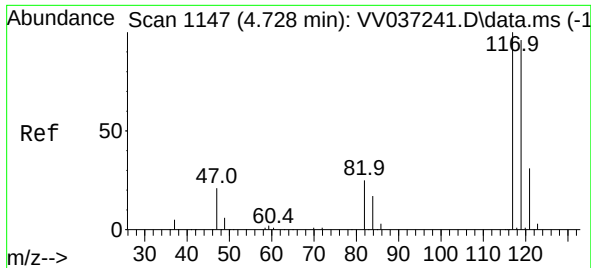
Tgt Ion: 97 Resp: 202860
Ion Ratio Lower Upper
97 100
99 64.8 50.0 75.0
61 44.9 34.3 51.5



#30
Cyclohexane
Concen: 5.435 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Tgt Ion: 56 Resp: 205850
Ion Ratio Lower Upper
56 100
69 30.2 24.1 36.1
84 89.0 73.1 109.7

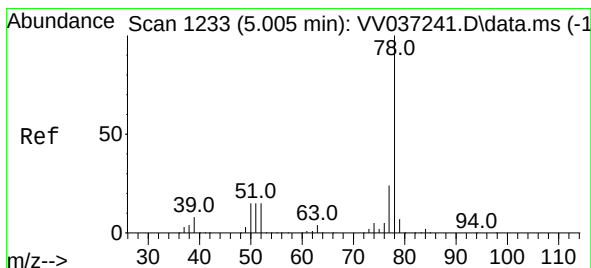
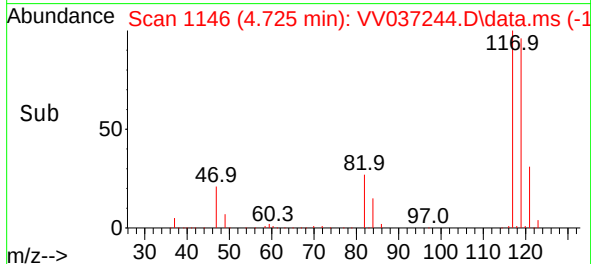
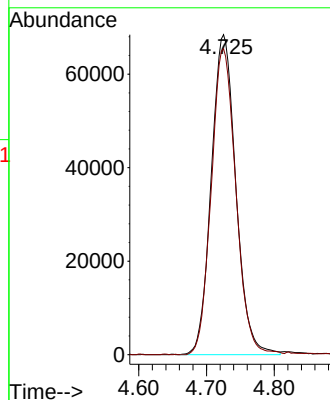
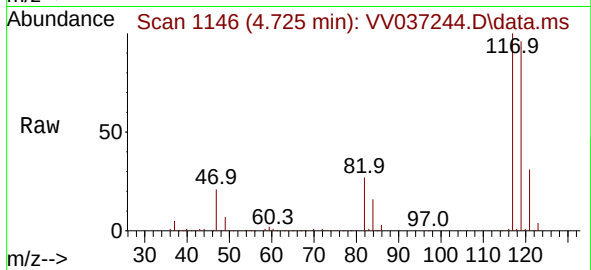




#31
Carbon tetrachloride
Concen: 5.188 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

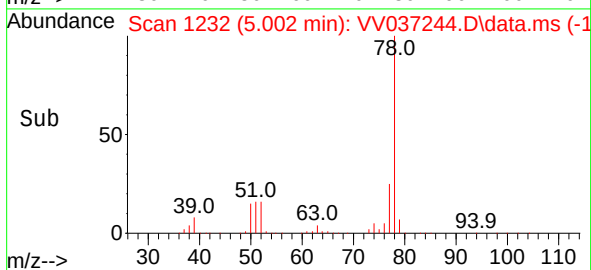
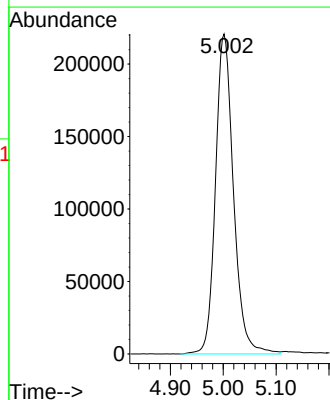
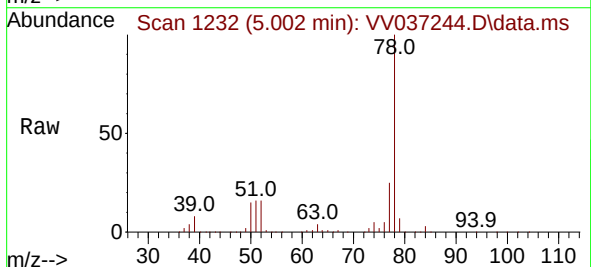
Instrument :
MSVOA_V
ClientSampleId :

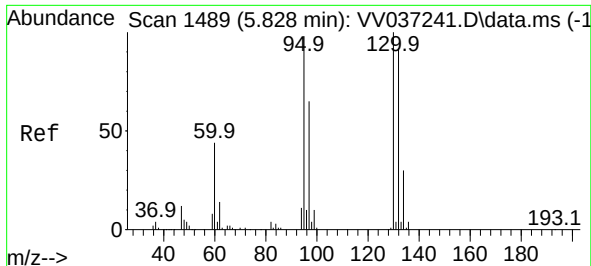
Tgt Ion:117 Resp: 172398
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.4



#33
Benzene
Concen: 5.275 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Tgt Ion: 78 Resp: 523320





#34

Trichloroethene

Concen: 5.210 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 139278

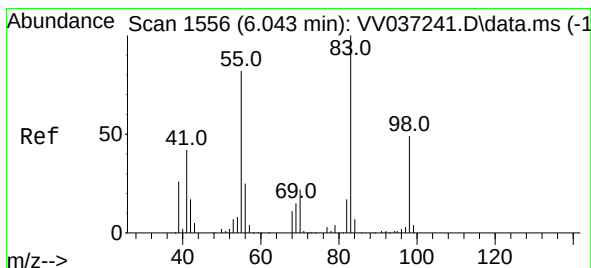
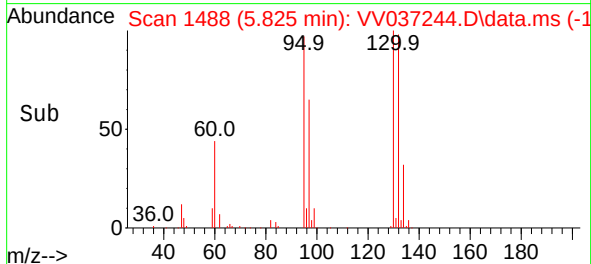
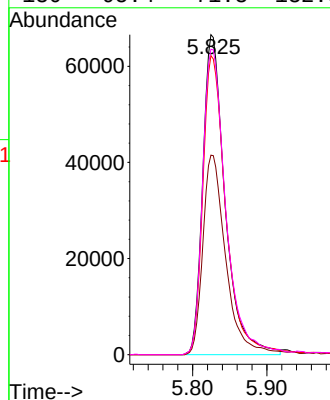
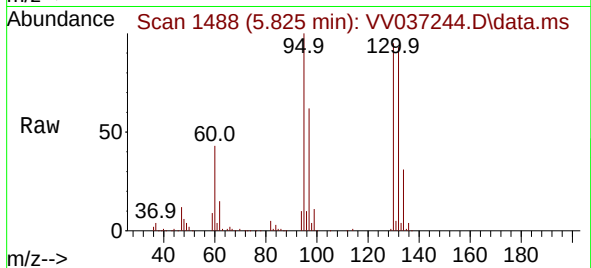
Ion Ratio Lower Upper

95 100

97 62.4 46.5 86.5

132 93.5 65.5 121.7

130 95.4 71.3 132.3



#35

Methylcyclohexane

Concen: 5.368 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

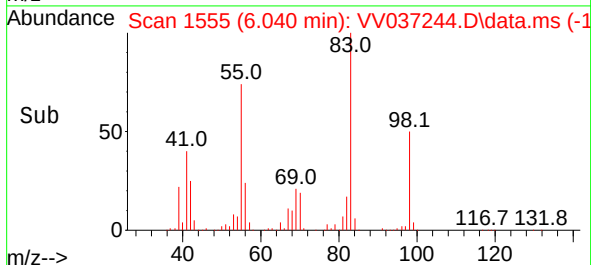
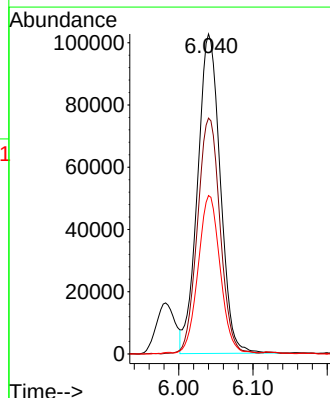
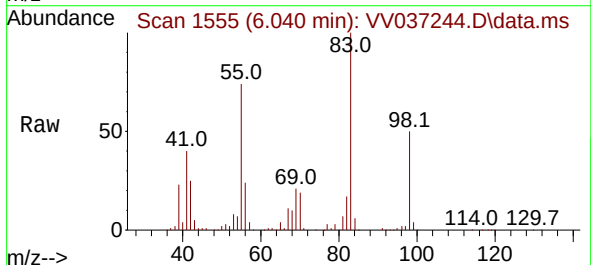
Tgt Ion: 83 Resp: 218155

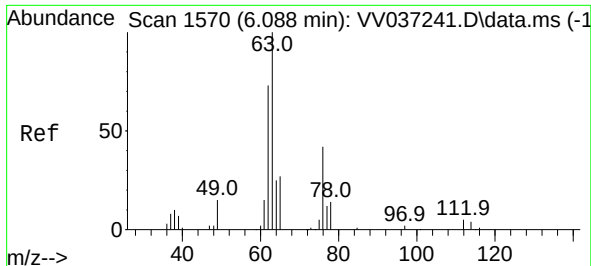
Ion Ratio Lower Upper

83 100

55 74.0 60.3 90.5

98 47.6 38.2 57.4

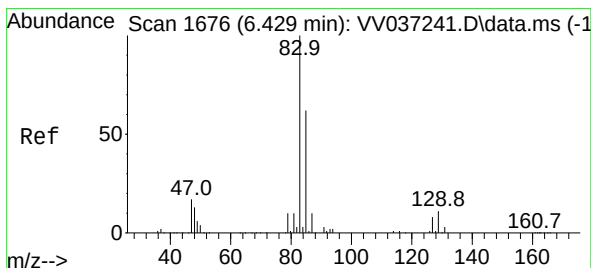
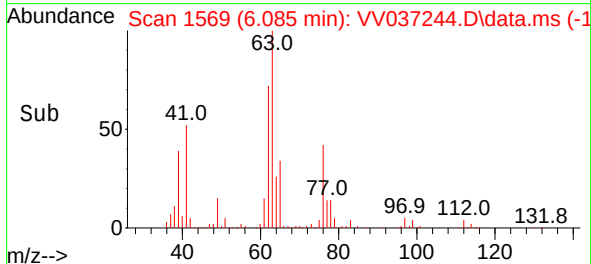
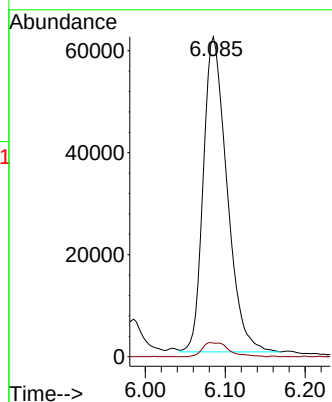
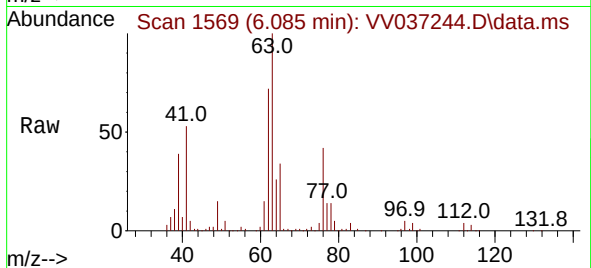




#37
1,2-Dichloropropane
Concen: 5.044 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

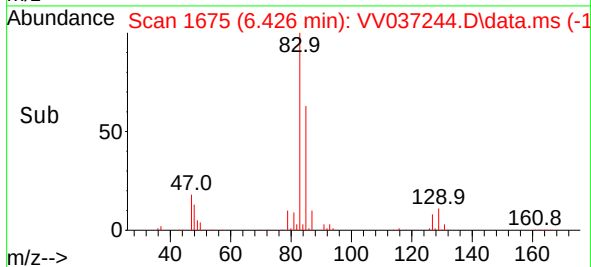
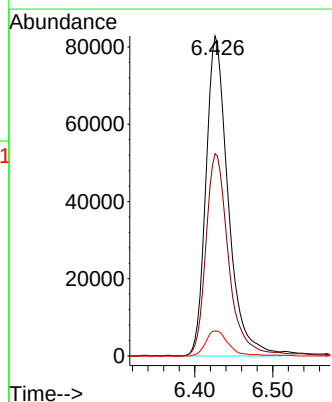
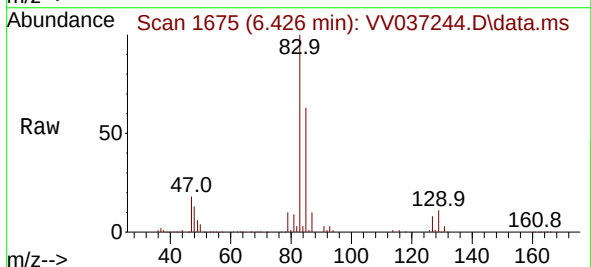
Instrument :
MSVOA_V
ClientSampleId :

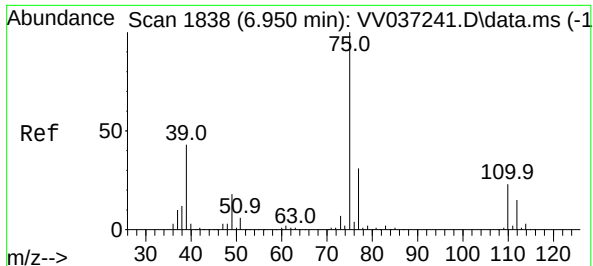
Tgt Ion: 63 Resp: 127301
Ion Ratio Lower Upper
63 100
112 5.0 3.7 5.5



#38
Bromodichloromethane
Concen: 5.194 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Tgt Ion: 83 Resp: 164125
Ion Ratio Lower Upper
83 100
85 63.2 43.7 81.1
127 7.8 6.7 10.1

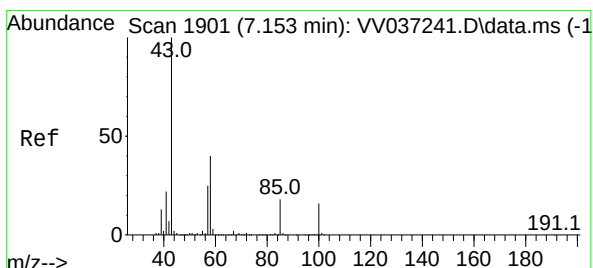
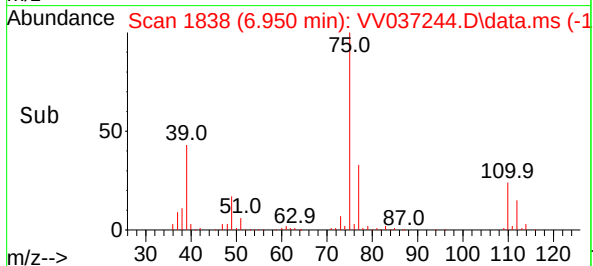
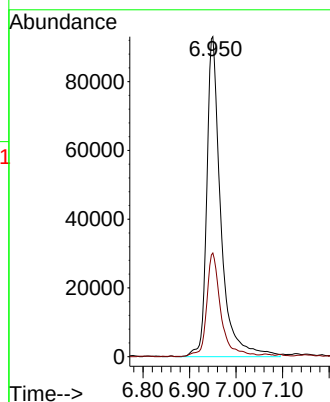
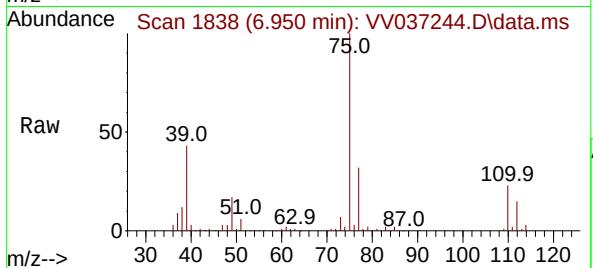




#39
 cis-1,3-Dichloropropene
 Concen: 5.344 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV037244.D
 Acq: 10 Sep 2024 12:12

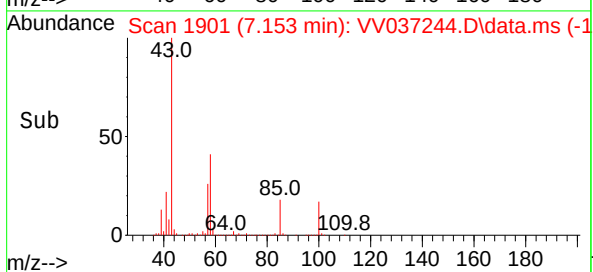
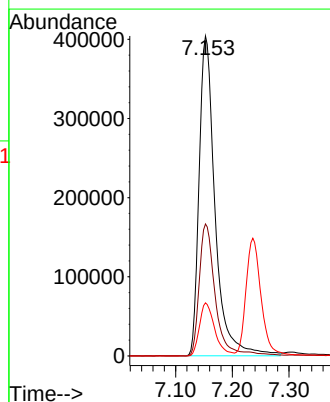
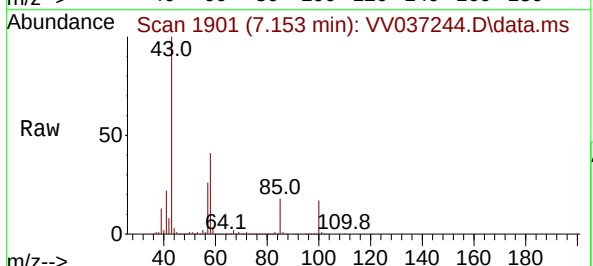
Instrument :
 MSVOA_V
 ClientSampleId :

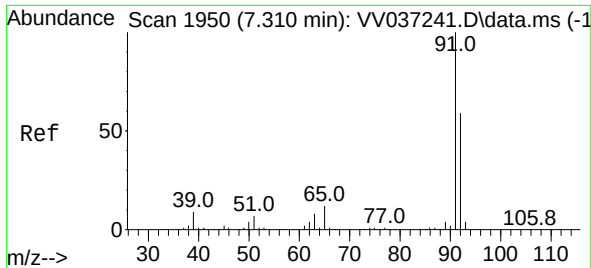
Tgt Ion: 75 Resp: 195359
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 54.778 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV037244.D
 Acq: 10 Sep 2024 12:12

Tgt Ion: 43 Resp: 791540
 Ion Ratio Lower Upper
 43 100
 58 41.8 31.7 47.5
 100 15.9 12.6 19.0





#42

Toluene

Concen: 5.429 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Instrument :

MSVOA_V

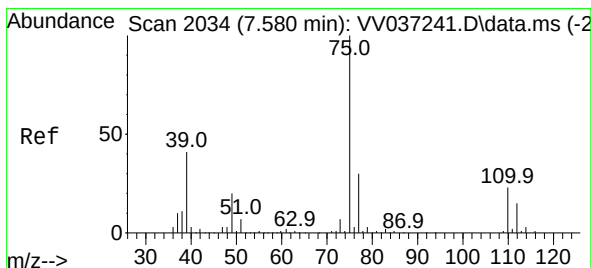
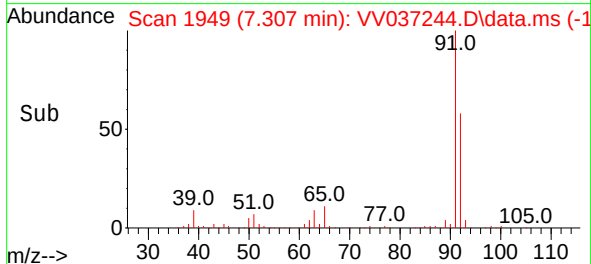
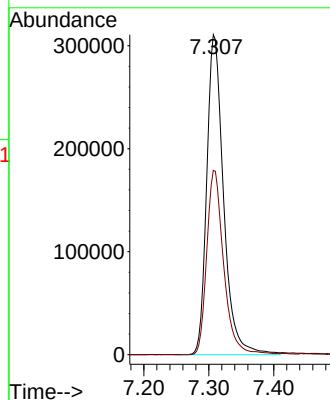
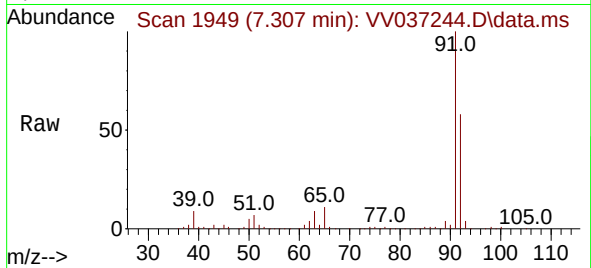
ClientSampleId :

Tgt Ion: 91 Resp: 560204

Ion Ratio Lower Upper

91 100

92 57.6 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 5.321 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV037244.D

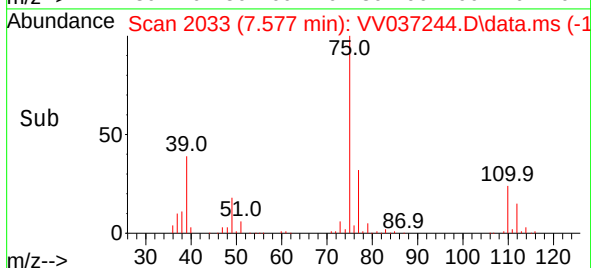
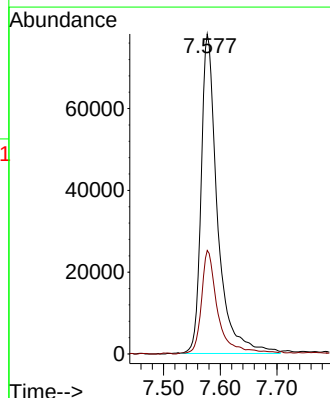
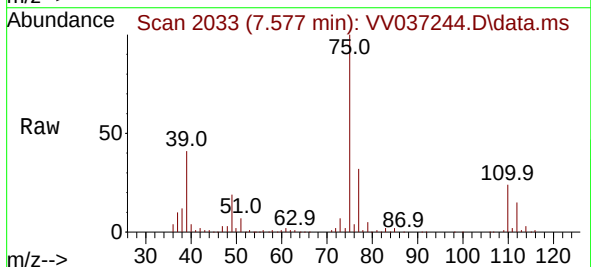
Acq: 10 Sep 2024 12:12

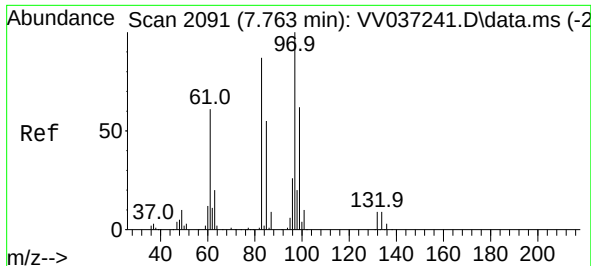
Tgt Ion: 75 Resp: 156969

Ion Ratio Lower Upper

75 100

77 32.4 20.9 38.9





#45

1,1,2-Trichloroethane

Concen: 5.459 ug/L

RT: 7.763 min Scan# 2091

Delta R.T. -0.000 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 98624

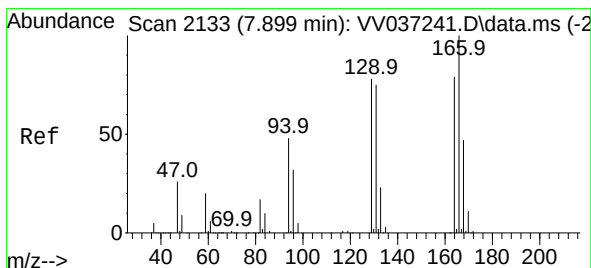
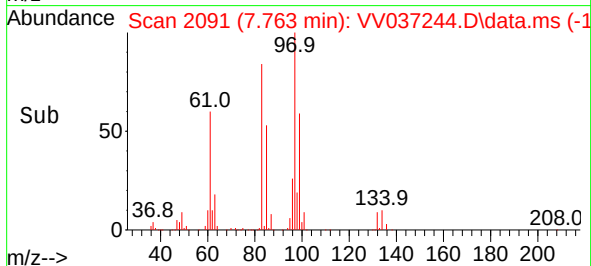
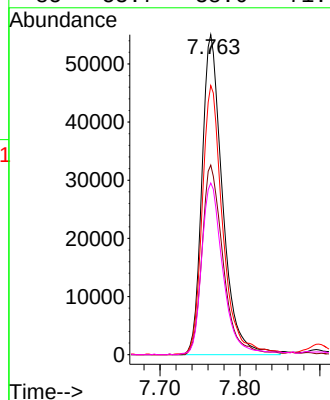
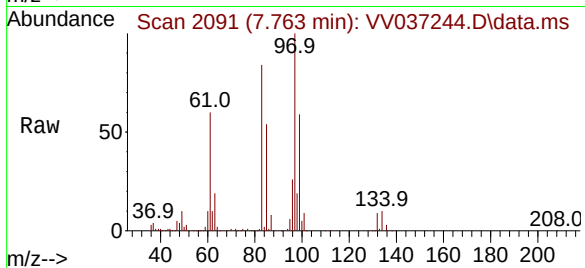
Ion Ratio Lower Upper

97 100

99 59.3 43.1 80.1

83 84.1 61.0 113.4

85 53.7 38.6 71.6



#47

Tetrachloroethene

Concen: 5.225 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Tgt Ion:164 Resp: 99966

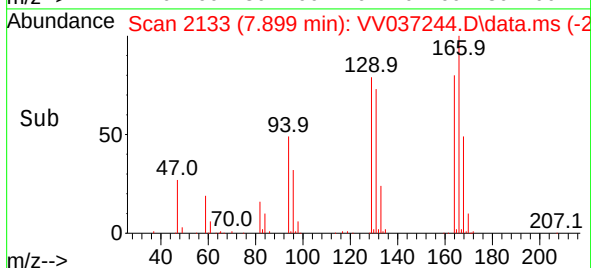
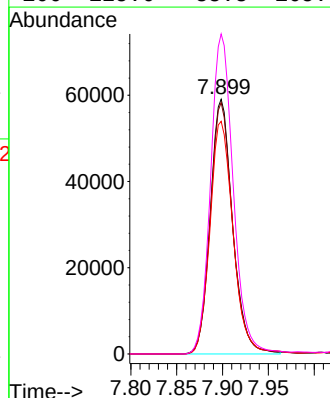
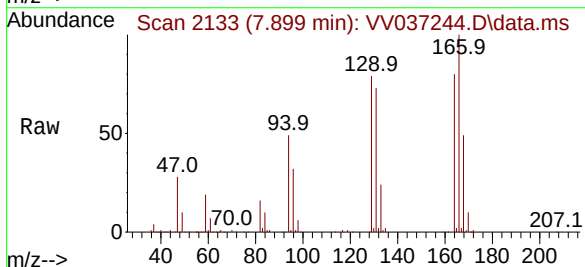
Ion Ratio Lower Upper

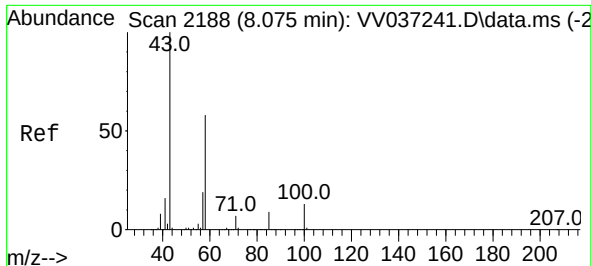
164 100

129 98.7 69.2 128.4

131 91.3 66.6 123.8

166 125.6 88.8 165.0





#48

2-Hexanone

Concen: 53.975 ug/L

RT: 8.072 min Scan# 2188

Delta R.T. -0.003 min

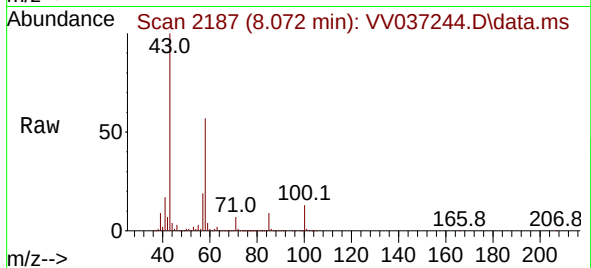
Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 570053

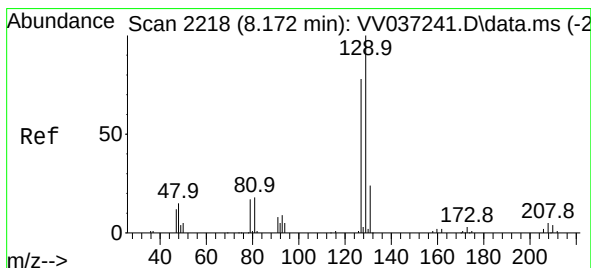
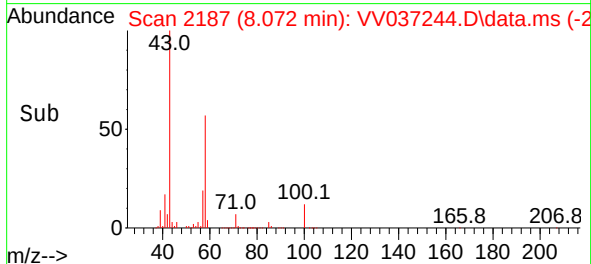
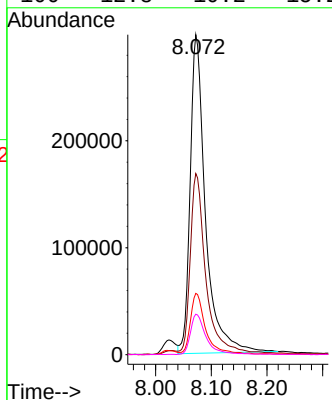
Ion Ratio Lower Upper

43 100

58 55.7 45.5 68.3

57 18.2 15.3 22.9

100 12.8 10.2 15.2



#49

Dibromochloromethane

Concen: 5.323 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. -0.000 min

Lab File: VV037244.D

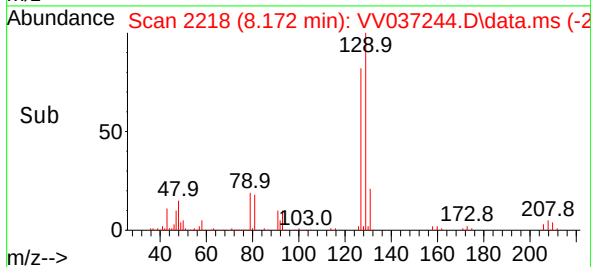
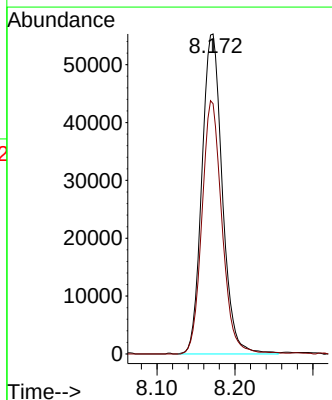
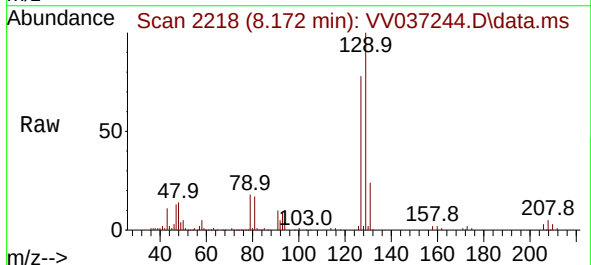
Acq: 10 Sep 2024 12:12

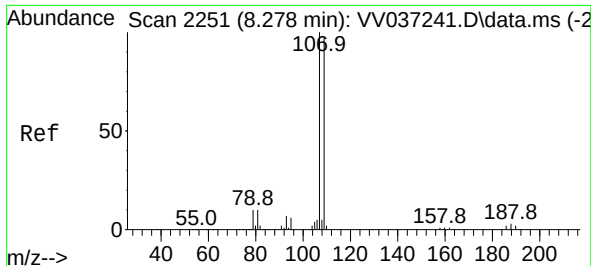
Tgt Ion: 129 Resp: 100751

Ion Ratio Lower Upper

129 100

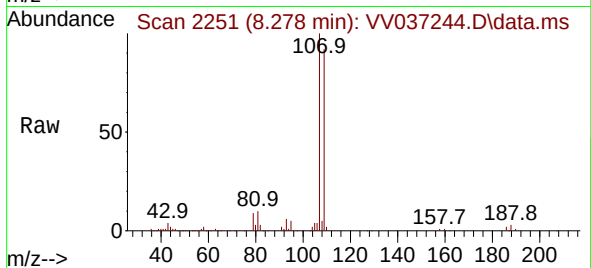
127 78.2 54.5 101.1



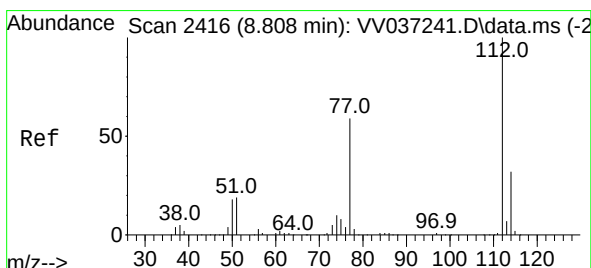
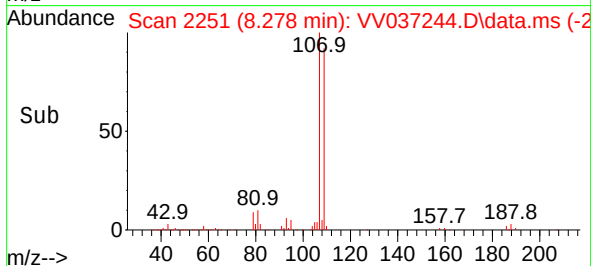
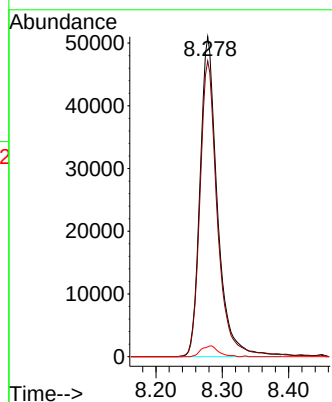


#50
1,2-Dibromoethane
Concen: 5.437 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Instrument :
MSVOA_V
ClientSampleId :

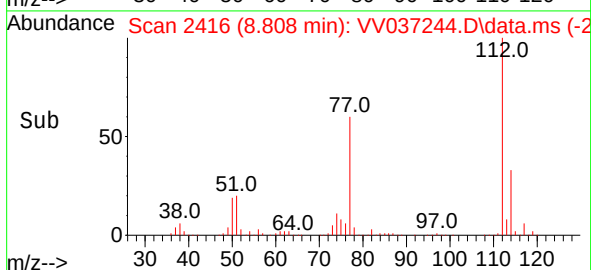
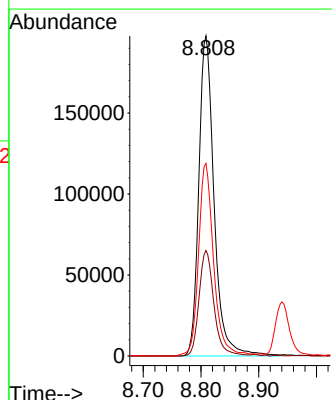
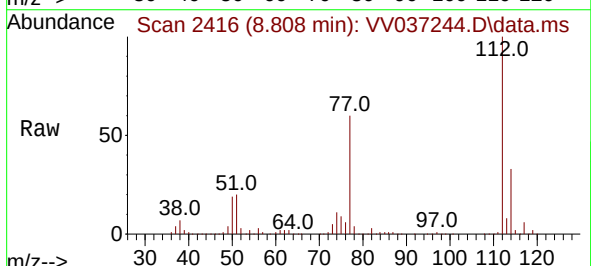


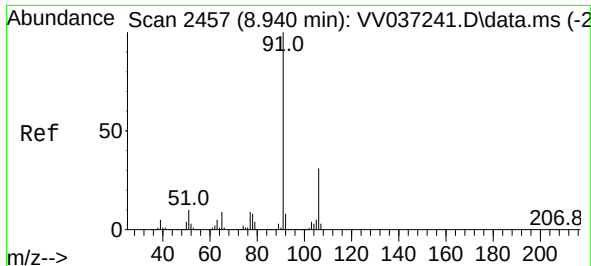
Tgt Ion:107 Resp: 92804
Ion Ratio Lower Upper
107 100
109 92.4 68.1 126.5
188 3.0 2.7 4.1



#51
Chlorobenzene
Concen: 5.287 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Tgt Ion:112 Resp: 363278
Ion Ratio Lower Upper
112 100
114 32.9 22.6 42.0
77 60.2 47.0 70.6

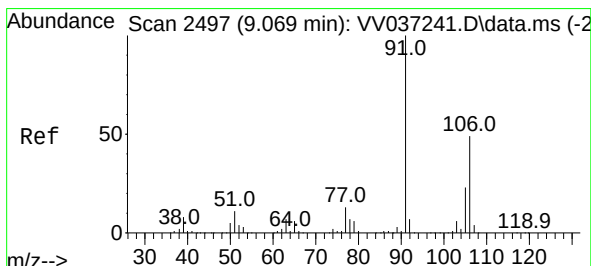
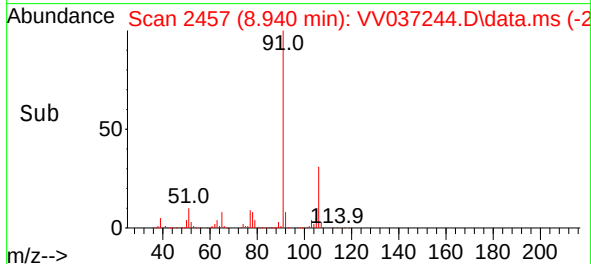
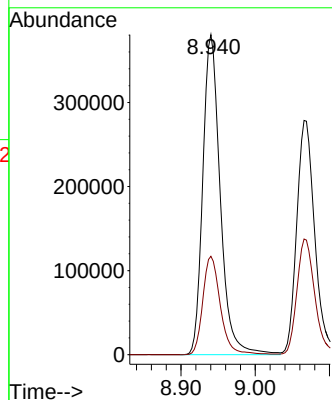
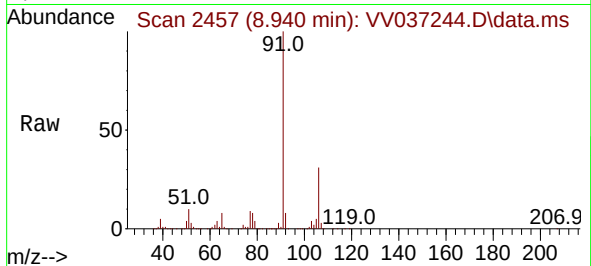




#52
Ethylbenzene
Concen: 5.392 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

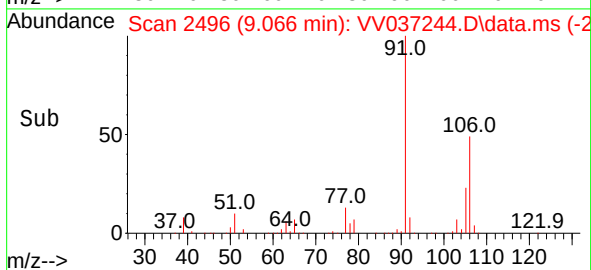
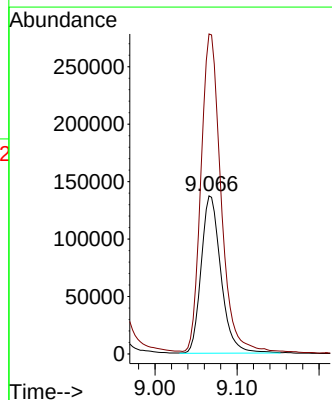
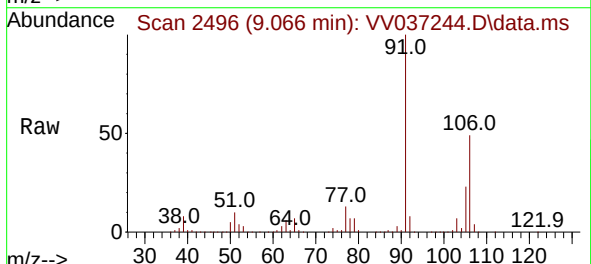
Instrument :
MSVOA_V
ClientSampleId :

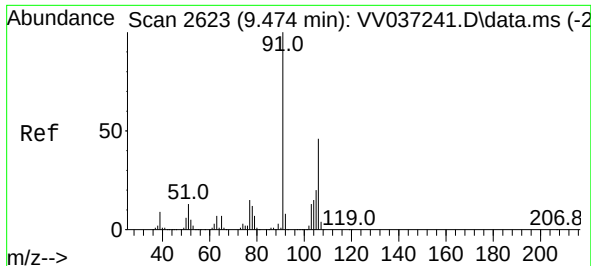
Tgt Ion: 91 Resp: 620958
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 5.407 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.003 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Tgt Ion: 106 Resp: 229121
Ion Ratio Lower Upper
106 100
91 202.4 143.3 266.1





#54

o-Xylene

Concen: 5.424 ug/L

RT: 9.471 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Instrument :

MSVOA_V

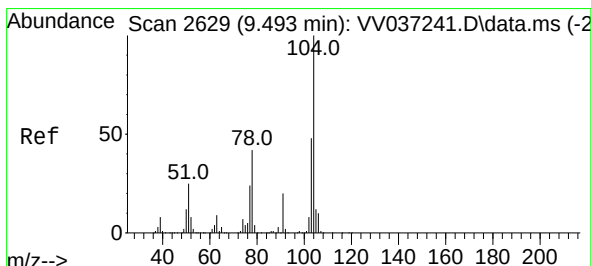
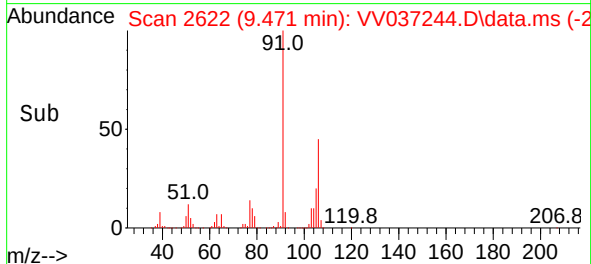
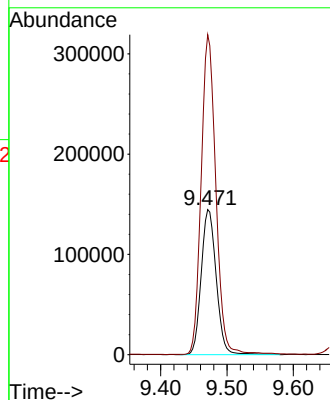
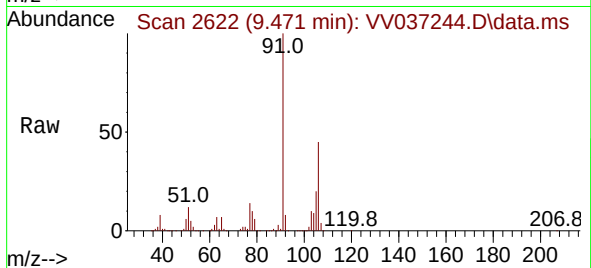
ClientSampleId :

Tgt Ion:106 Resp: 227558

Ion Ratio Lower Upper

106 100

91 220.5 151.8 282.0



#55

Styrene

Concen: 5.551 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.003 min

Lab File: VV037244.D

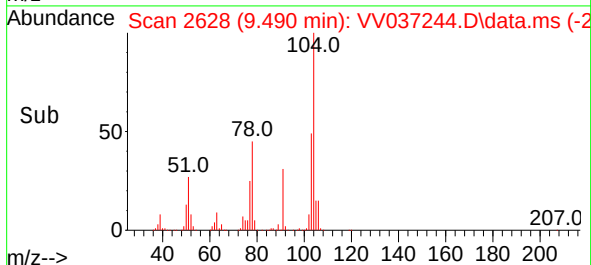
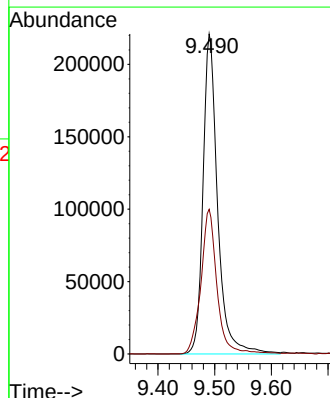
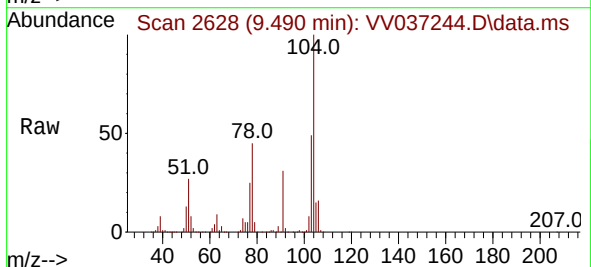
Acq: 10 Sep 2024 12:12

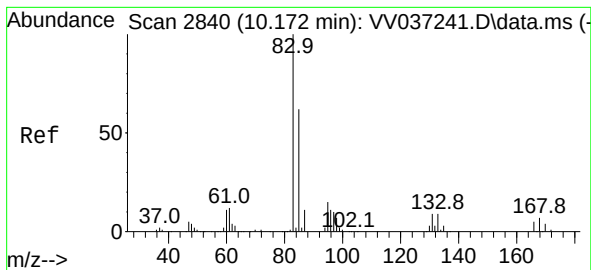
Tgt Ion:104 Resp: 394781

Ion Ratio Lower Upper

104 100

78 45.2 29.2 54.2

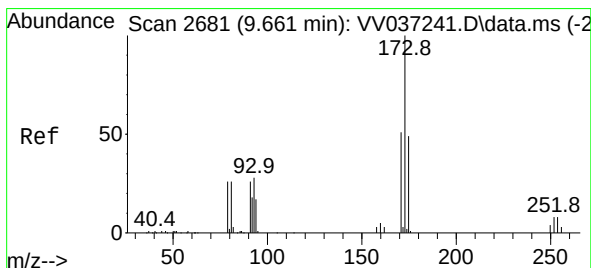
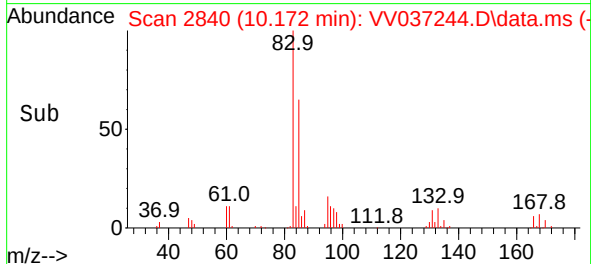
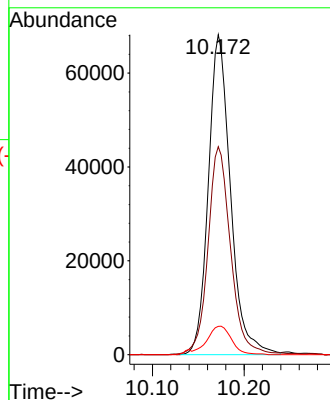
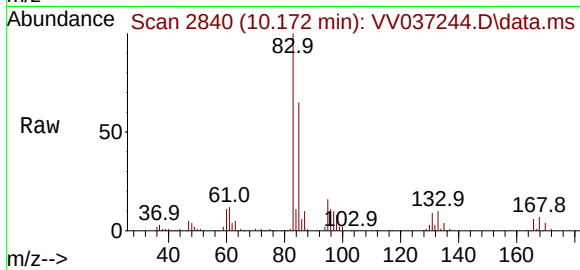




#57
1,1,2,2-Tetrachloroethane
Concen: 5.247 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

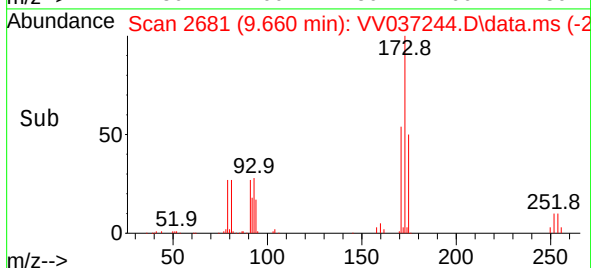
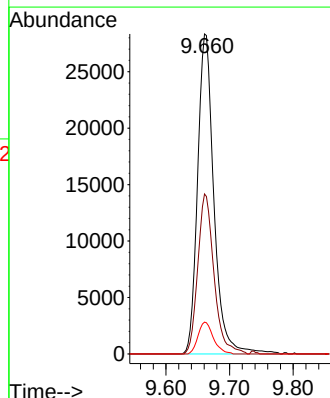
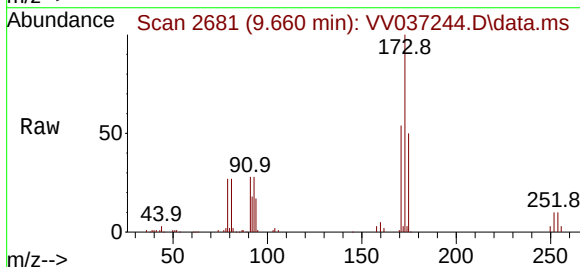
Instrument :
MSVOA_V
ClientSampleId :

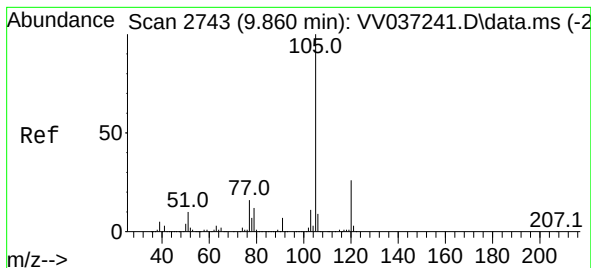
Tgt Ion: 83 Resp: 114496
Ion Ratio Lower Upper
83 100
85 65.0 43.2 80.2
131 8.9 6.9 10.3



#59
Bromoform
Concen: 5.110 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

Tgt Ion: 173 Resp: 50563
Ion Ratio Lower Upper
173 100
175 49.6 38.7 58.1
254 9.4 6.8 10.2





#60

Isopropylbenzene

Concen: 5.408 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.000 min

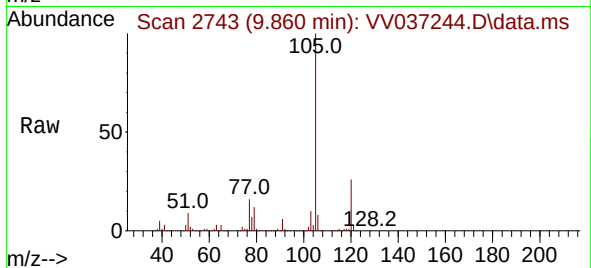
Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Instrument :

MSVOA_V

ClientSampleId :



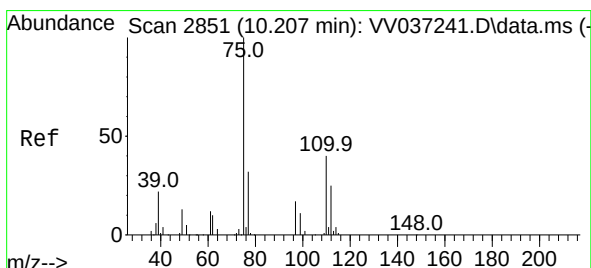
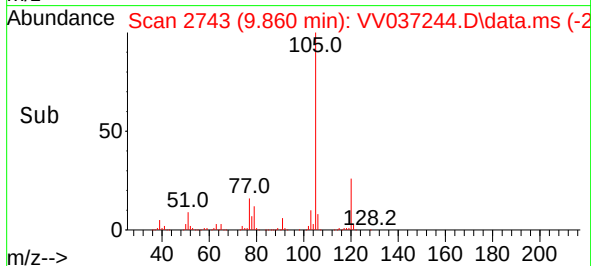
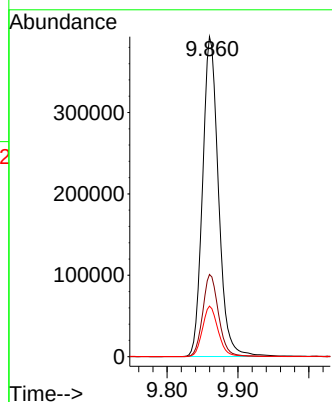
Tgt Ion:105 Resp: 612185

Ion Ratio Lower Upper

105 100

120 25.8 20.2 30.4

77 15.6 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 5.130 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. -0.003 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

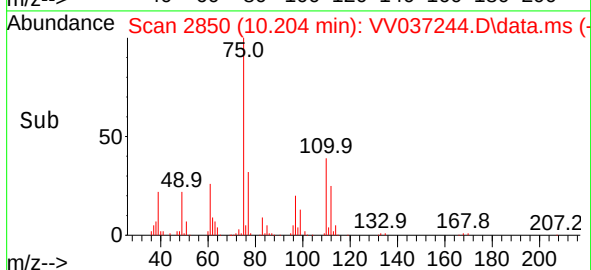
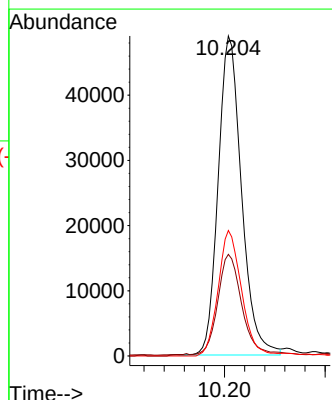
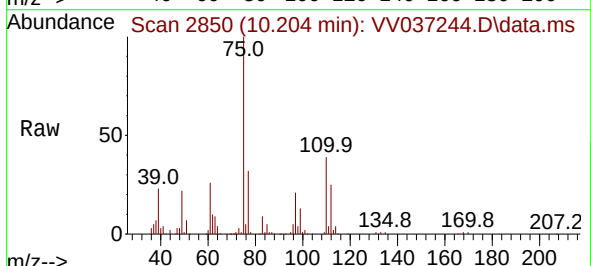
Tgt Ion: 75 Resp: 78960

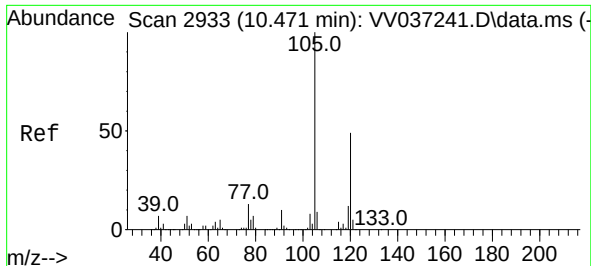
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

110 39.3 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 5.486 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Instrument :

MSVOA_V

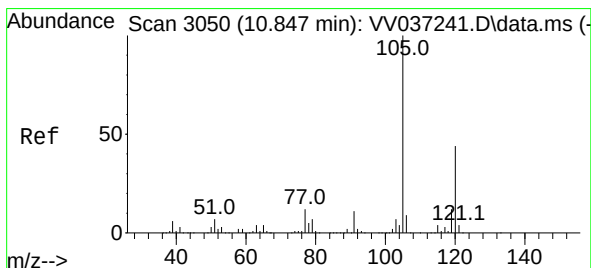
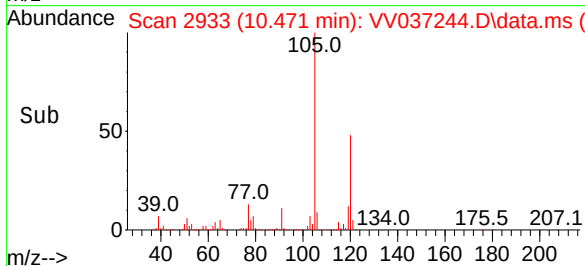
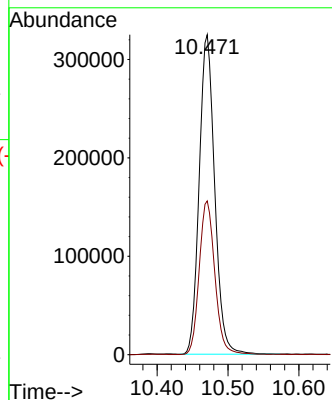
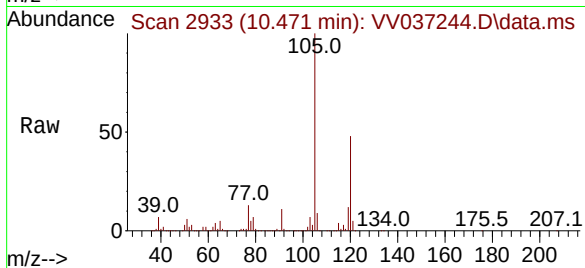
ClientSampleId :

Tgt Ion:105 Resp: 492470

Ion Ratio Lower Upper

105 100

120 48.6 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.585 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV037244.D

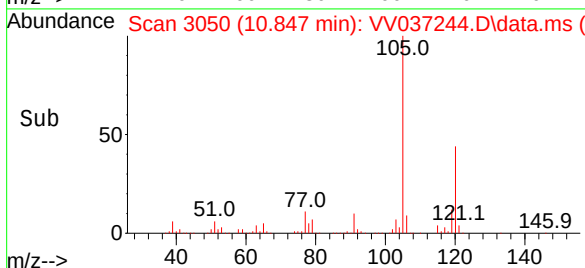
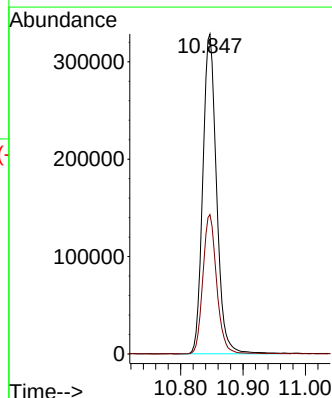
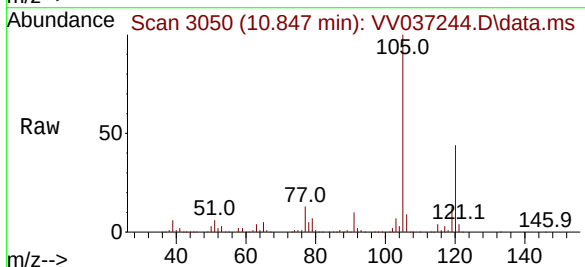
Acq: 10 Sep 2024 12:12

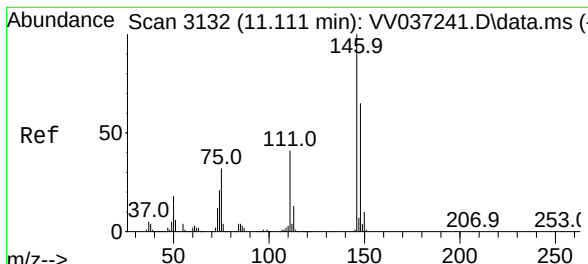
Tgt Ion:105 Resp: 503636

Ion Ratio Lower Upper

105 100

120 43.9 36.2 54.2

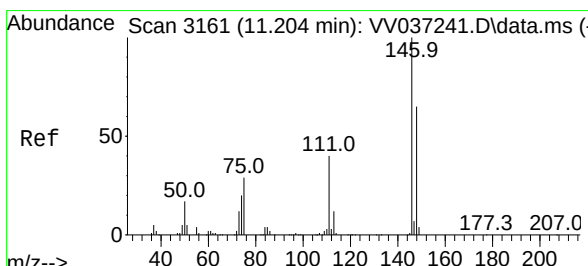
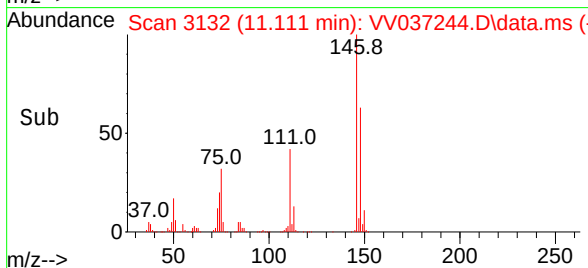
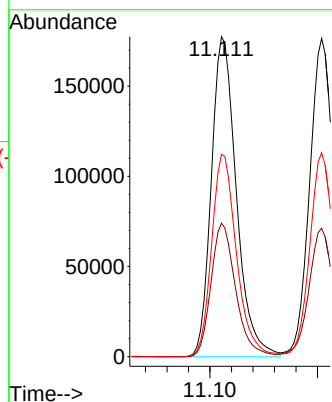
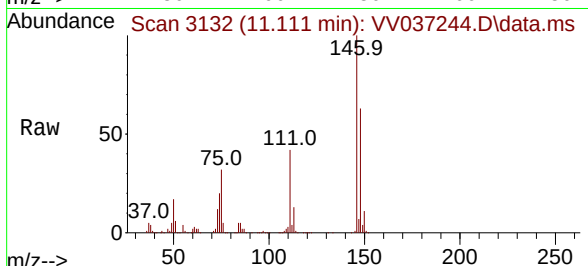




#64
1,3-Dichlorobenzene
Concen: 5.359 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

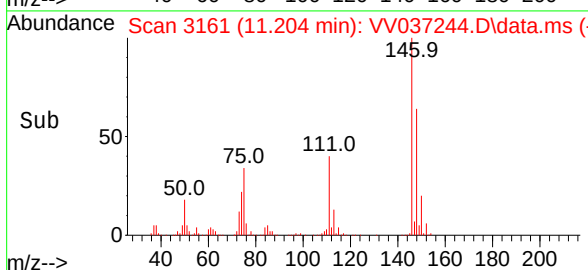
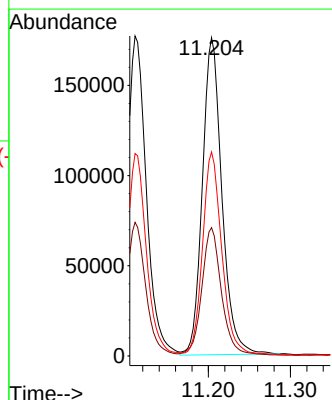
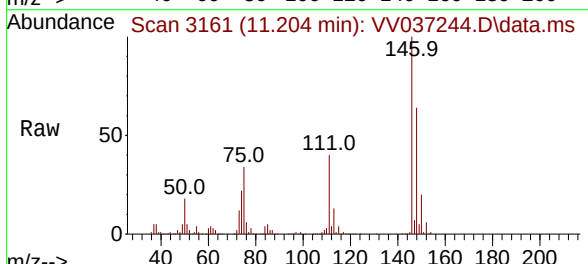
Instrument :
MSVOA_V
ClientSampleId :

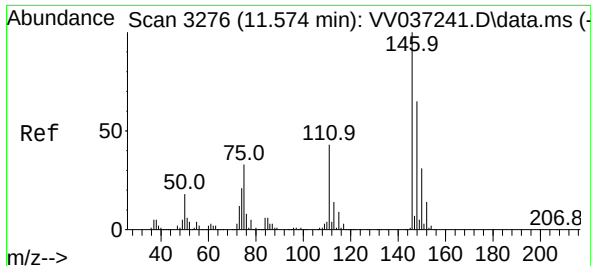
Tgt Ion:	146	Resp:	286805
Ion Ratio	Lower	Upper	
146	100		
111	41.8	28.8	53.4
148	63.3	45.6	84.6



#65
1,4-Dichlorobenzene
Concen: 5.292 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

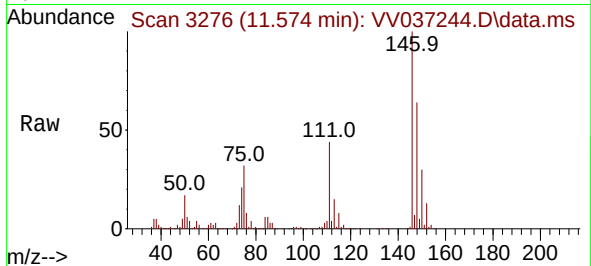
Tgt Ion:	146	Resp:	290456
Ion Ratio	Lower	Upper	
146	100		
111	40.3	28.2	52.4
148	64.1	45.8	85.0



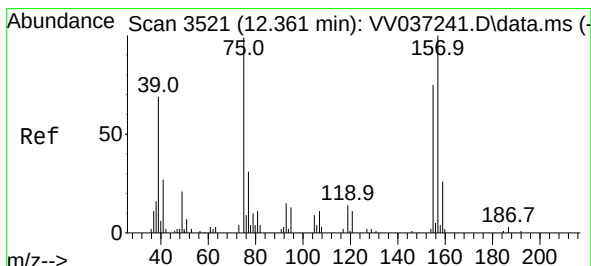
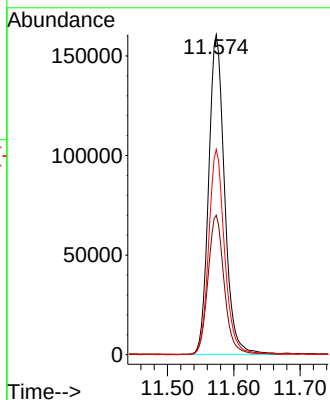
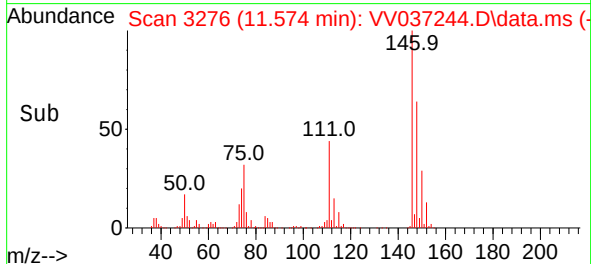


#67
1,2-Dichlorobenzene
Concen: 5.389 ug/L
RT: 11.574 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12

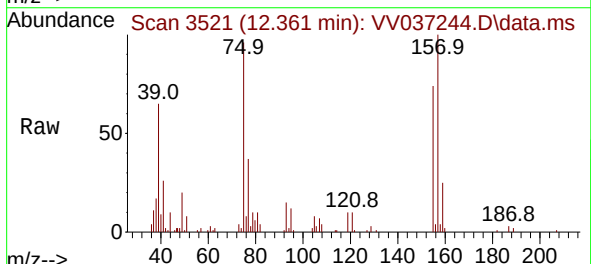
Instrument :
MSVOA_V
ClientSampleId :



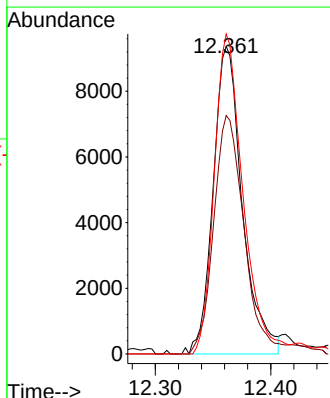
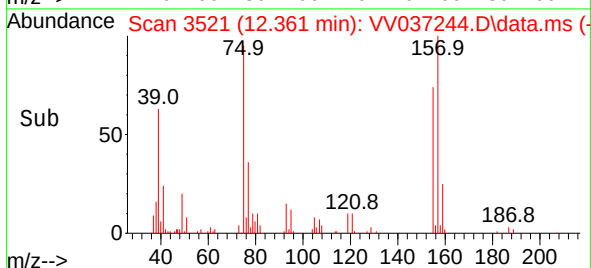
Tgt Ion:146 Resp: 267358
Ion Ratio Lower Upper
146 100
111 43.6 34.4 51.6
148 64.2 51.8 77.6

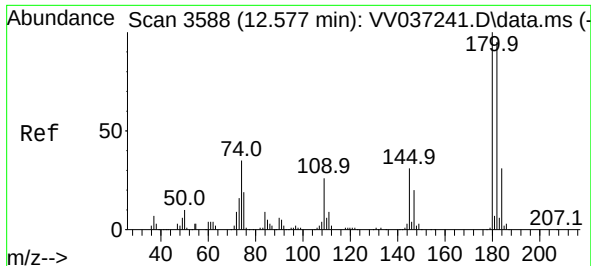


#68
1,2-Dibromo-3-chloropropane
Concen: 5.150 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV037244.D
Acq: 10 Sep 2024 12:12



Tgt Ion: 75 Resp: 16438
Ion Ratio Lower Upper
75 100
155 77.4 60.6 90.8
157 103.9 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 5.331 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

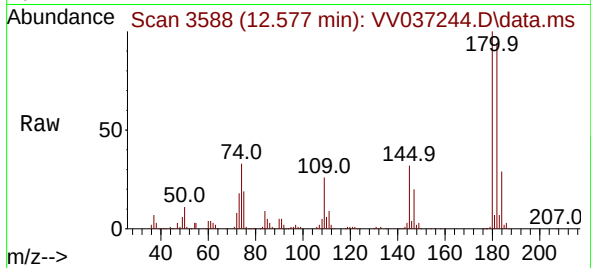
Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 203435

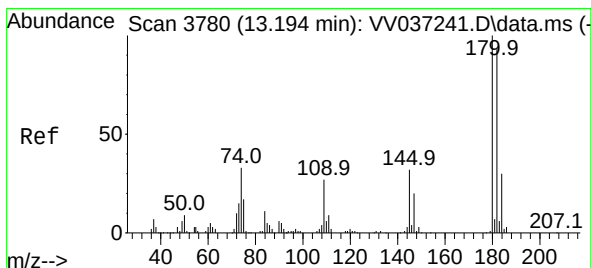
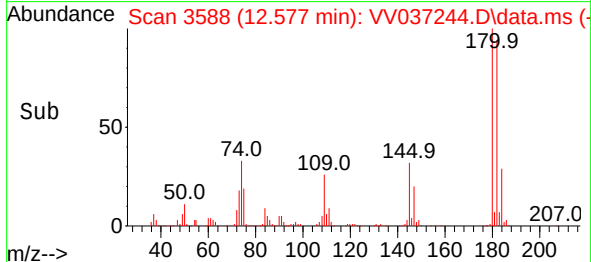
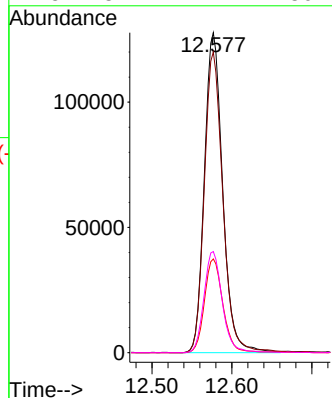
Ion Ratio Lower Upper

180 100

182 95.2 74.3 111.5

184 29.5 24.3 36.5

145 31.7 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 5.771 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

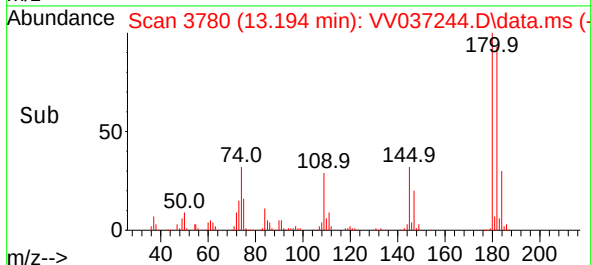
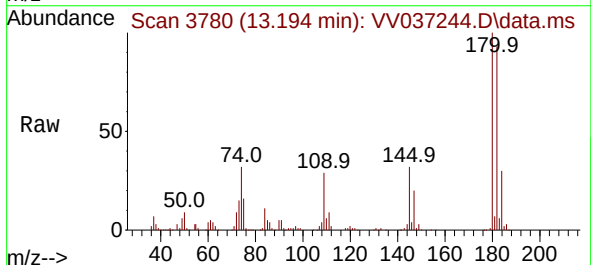
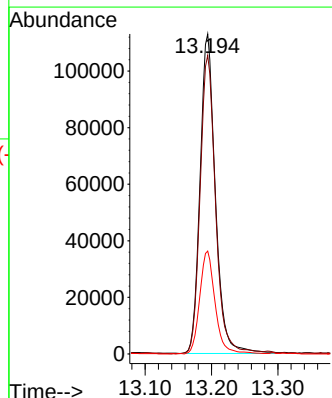
Tgt Ion:180 Resp: 181282

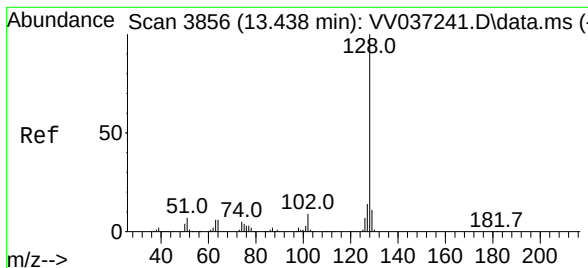
Ion Ratio Lower Upper

180 100

182 94.5 75.4 113.0

145 32.5 25.8 38.6





#71

Naphthalene

Concen: 7.140 ug/L

RT: 13.435 min Scan# 3856

Delta R.T. -0.003 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Instrument :

MSVOA_V

ClientSampleId :

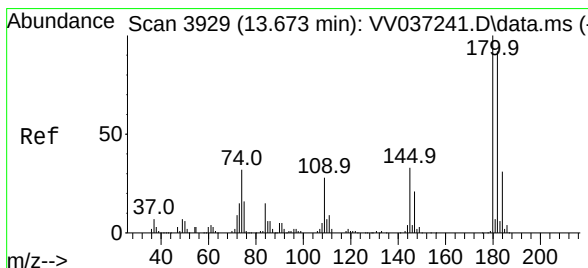
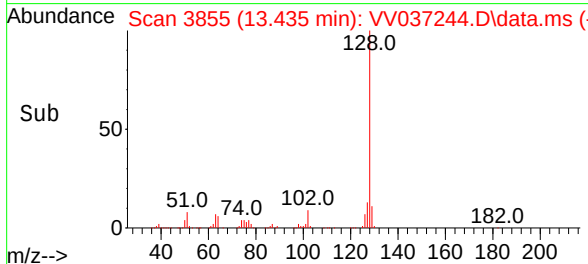
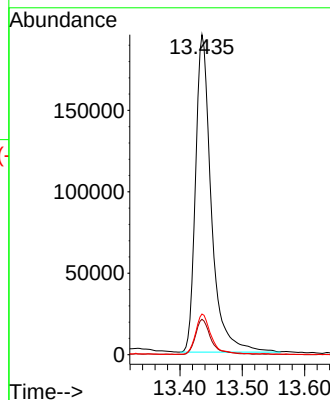
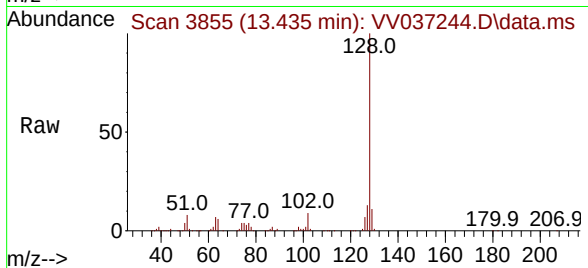
Tgt Ion:128 Resp: 342793

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 12.5 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.984 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037244.D

Acq: 10 Sep 2024 12:12

Tgt Ion:180 Resp: 155572

Ion Ratio Lower Upper

180 100

182 94.9 73.4 110.0

145 34.3 27.2 40.8

