

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037642.D
 Acq On : 30 Sep 2024 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 01 02:00:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	709919	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	693852	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	387749	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	282166	45.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.560%
7) Chloroethane-d5	1.532	69	220260	45.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.060%
11) 1,1-Dichloroethene-d2	2.060	65	120746	46.376	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.760%
21) 2-Butanone-d5	3.786	46	162020	72.992	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.990%
24) Chloroform-d	4.236	84	510604	46.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.100%
26) 1,2-Dichloroethane-d4	4.931	65	295666	45.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
32) Benzene-d6	4.950	84	1001796	46.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.280%
36) 1,2-Dichloropropane-d6	5.979	67	308104	44.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.120%
41) Toluene-d8	7.233	98	935119	47.497	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.545	79	142141	44.257	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.520%
47) 2-Hexanone-d5	8.021	63	116038	79.484	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.480%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	339468	42.258	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.520%
66) 1,2-Dichlorobenzene-d4	11.551	152	358098	43.827	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	291260	48.193	ug/L	100
3) Chloromethane	1.217	50	275246	46.911	ug/L	100
5) Vinyl chloride	1.285	62	294295	46.786	ug/L	99
6) Bromomethane	1.487	94	166079	47.576	ug/L	100
8) Chloroethane	1.548	64	183938	47.443	ug/L	100
9) Trichlorofluoromethane	1.712	101	412353	48.701	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	251772	49.761	ug/L	100
12) 1,1-Dichloroethene	2.069	96	227856	48.210	ug/L	83
13) Acetone	2.108	43	187905	86.354	ug/L	96
14) Carbon disulfide	2.240	76	674262	45.704	ug/L	100
15) Methyl Acetate	2.368	43	171763	45.232	ug/L	98
16) Methylene chloride	2.442	84	253150	47.305	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	239752	47.951	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	683919	47.677	ug/L	99
19) 1,1-Dichloroethane	3.101	63	458823	47.895	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	269946	48.246	ug/L	99
22) 2-Butanone	3.867	43	207174	86.019	ug/L	97
23) Bromochloromethane	4.137	128	144758	50.015	ug/L	95
25) Chloroform	4.265	83	481937	48.590	ug/L	98

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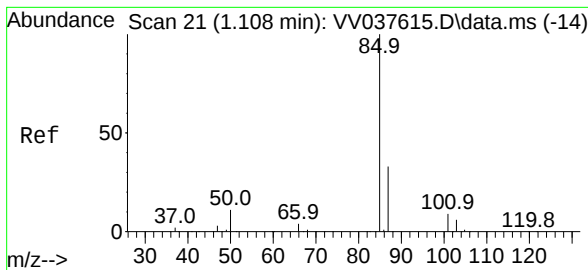
Quant Time: Oct 01 02:00:48 2024
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 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	333226	47.590	ug/L	99
29) Cyclohexane	4.571	56	357843	45.423	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	413288	48.362	ug/L	100
31) Carbon tetrachloride	4.722	117	364777	49.097	ug/L	99
33) Benzene	4.998	78	1003831	47.971	ug/L	100
34) Trichloroethene	5.821	95	264922	47.539	ug/L	99
35) Methylcyclohexane	6.040	83	409089	47.718	ug/L	99
37) 1,2-Dichloropropane	6.085	63	263810	48.821	ug/L	98
38) Bromodichloromethane	6.423	83	348381	48.229	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	415831	48.208	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	393858	89.520	ug/L	99
42) Toluene	7.307	91	1078516	49.716	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	369824	47.622	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	250016	48.186	ug/L	99
46) Tetrachloroethene	7.895	164	209983	49.283	ug/L	99
48) 2-Hexanone	8.069	43	296884	86.780	ug/L	99
49) Dibromochloromethane	8.169	129	270731	49.300	ug/L	99
50) 1,2-Dibromoethane	8.275	107	256363	47.798	ug/L	99
51) Chlorobenzene	8.805	112	711551	48.143	ug/L	99
52) Ethylbenzene	8.937	91	1184740	48.516	ug/L	100
53) m,p-Xylene	9.066	106	456271	50.205	ug/L	99
54) o-Xylene	9.471	106	439157	49.495	ug/L	97
55) Styrene	9.487	104	796097	51.541	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	335557	46.386	ug/L	99
59) Bromoform	9.657	173	183315	48.371	ug/L	98
60) Isopropylbenzene	9.860	105	1195941	47.441	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	244700	44.350	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	959761	48.155	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	961483	48.486	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	578824	47.703	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	607671	48.094	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	571919	47.679	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	54221	40.483	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	397374	47.622	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	352955	45.591	ug/L	100
71) Naphthalene	13.432	128	821344	40.607	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	342989	44.863	ug/L	99

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

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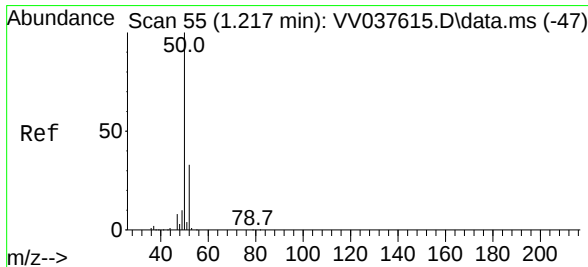
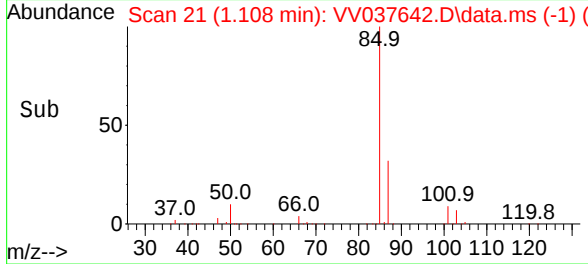
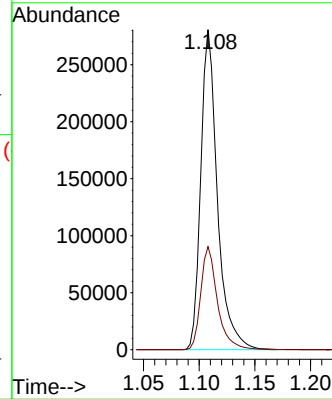
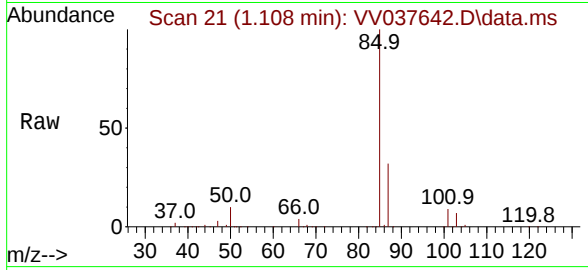




#2
 Dichlorodifluoromethane
 Concen: 48.193 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037642.D
 Acq: 30 Sep 2024 10:06

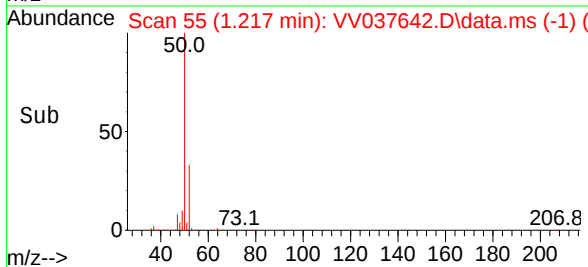
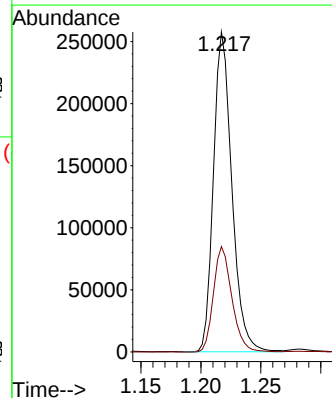
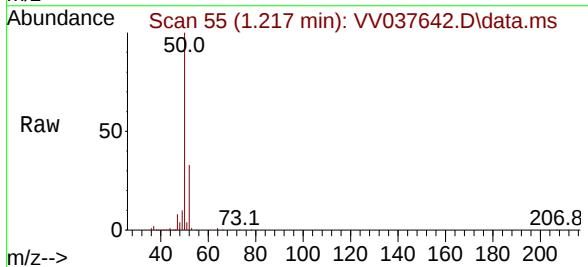
Instrument :
 MSVOA_V
 ClientSampleId :

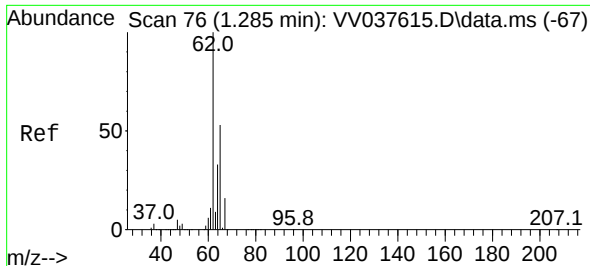
Tgt Ion: 85 Resp: 291260
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.8



#3
 Chloromethane
 Concen: 46.911 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037642.D
 Acq: 30 Sep 2024 10:06

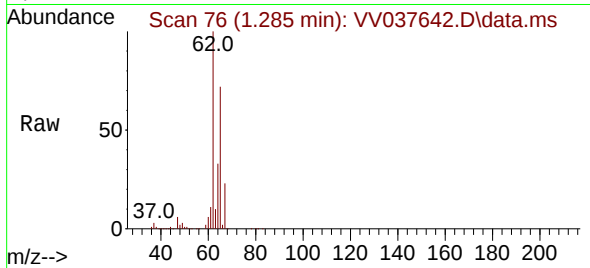
Tgt Ion: 50 Resp: 275246
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2



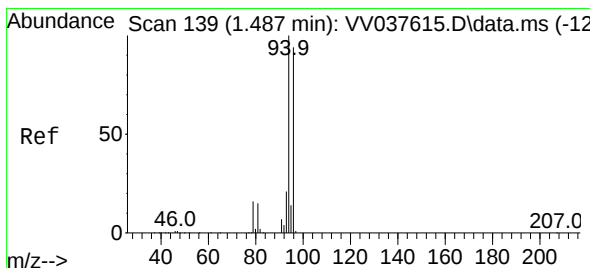
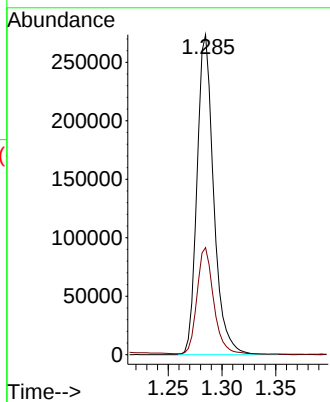
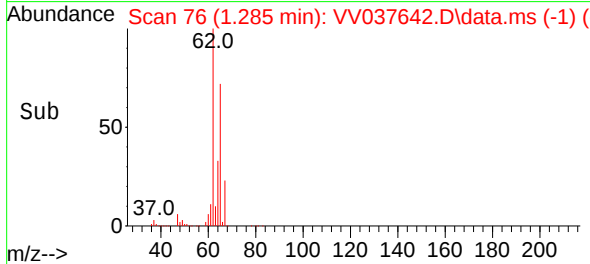


#5
 Vinyl chloride
 Concen: 46.786 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037642.D
 Acq: 30 Sep 2024 10:06

Instrument :
 MSVOA_V
 ClientSampleId :

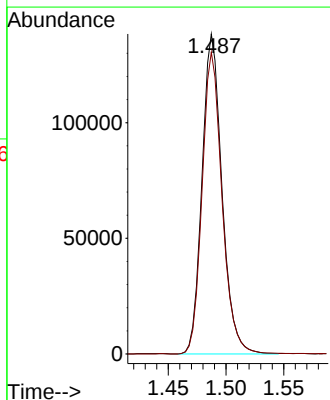
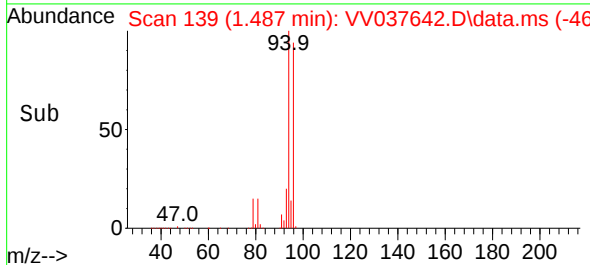
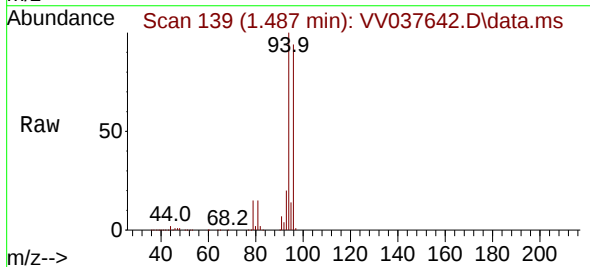


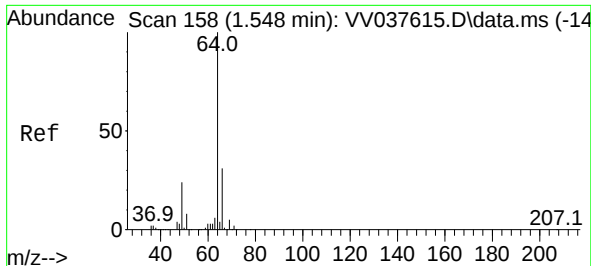
Tgt Ion: 62 Resp: 294295
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.0



#6
 Bromomethane
 Concen: 47.576 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037642.D
 Acq: 30 Sep 2024 10:06

Tgt Ion: 94 Resp: 166079
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.8 122.2

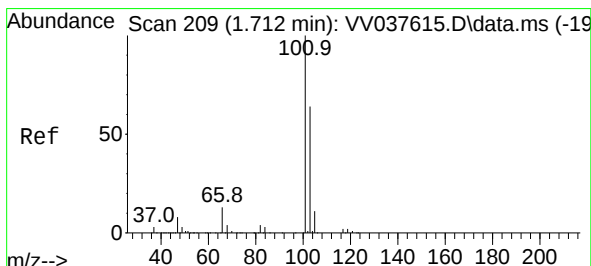
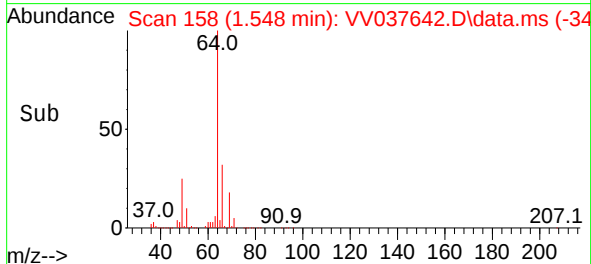
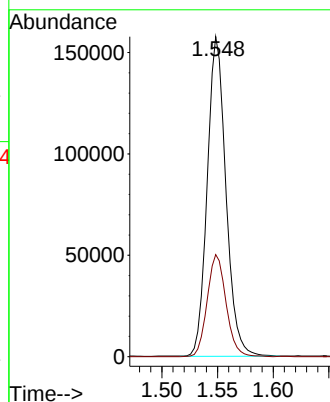
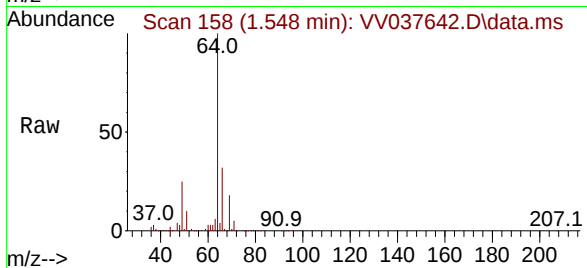




#8
Chloroethane
Concen: 47.443 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037642.D
Acq: 30 Sep 2024 10:06

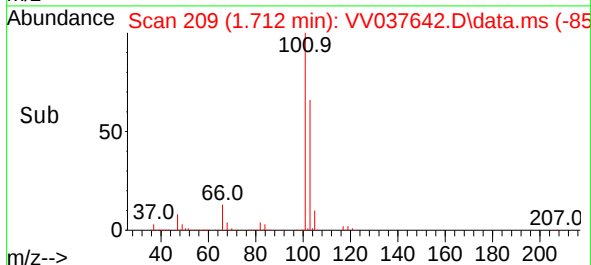
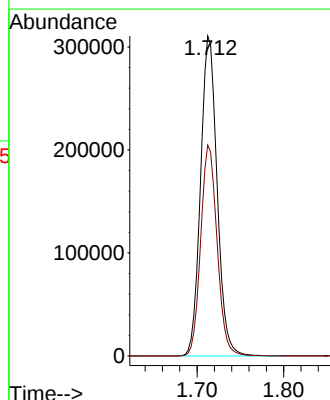
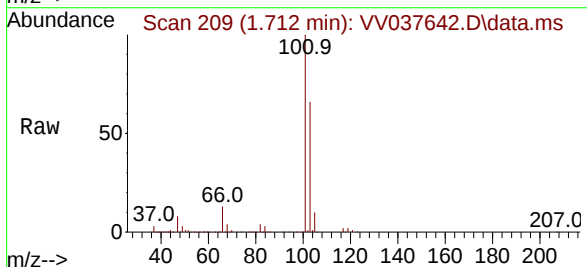
Instrument :
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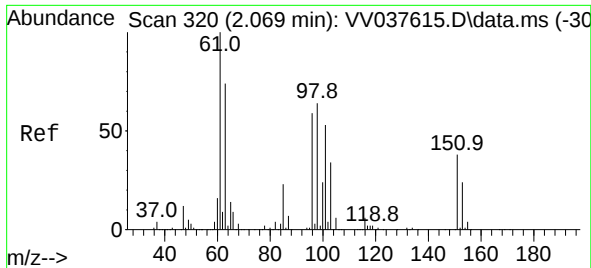
Tgt Ion: 64 Resp: 183938
Ion Ratio Lower Upper
64 100
66 31.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 48.701 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037642.D
Acq: 30 Sep 2024 10:06

Tgt Ion:101 Resp: 412353
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.4

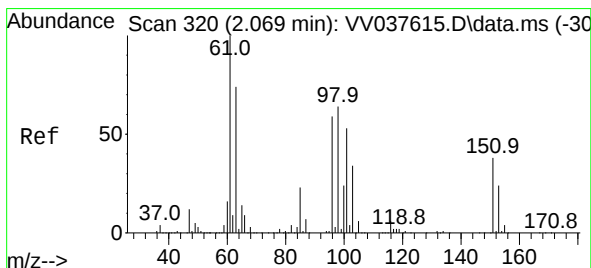
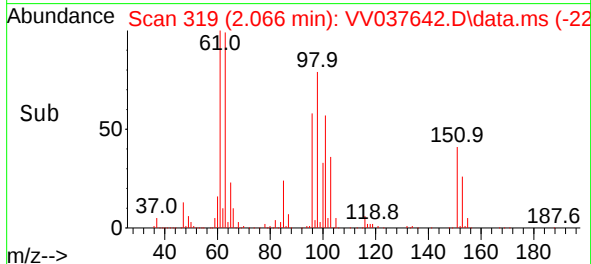
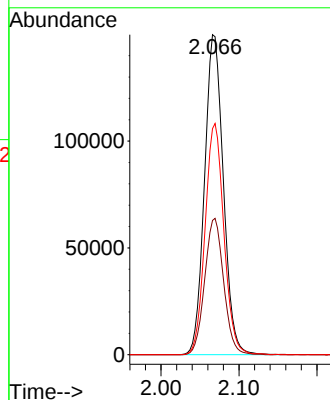
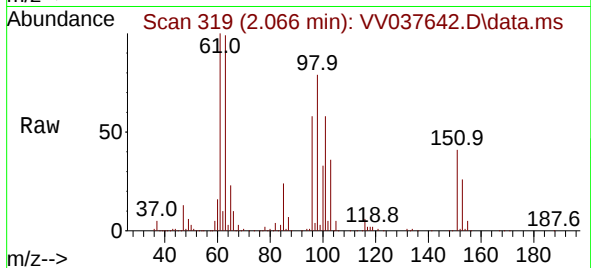




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.761 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV037642.D
 Acq: 30 Sep 2024 10:06

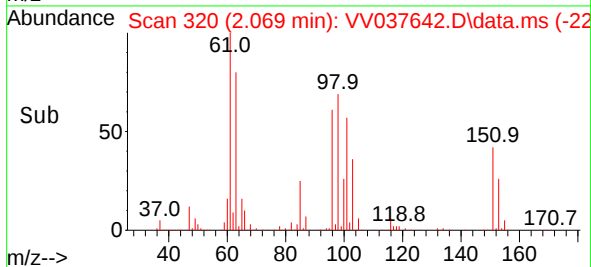
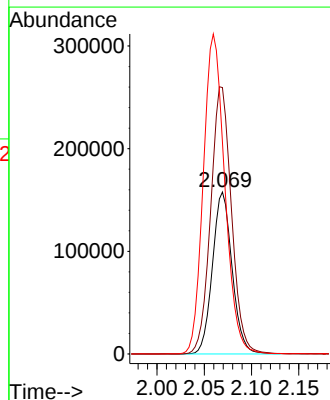
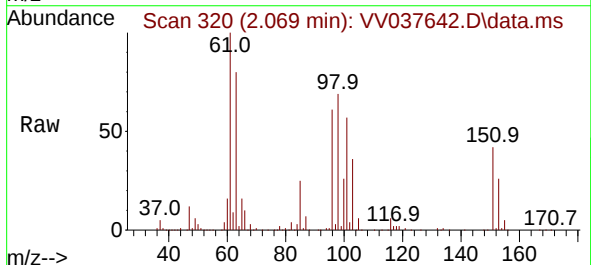
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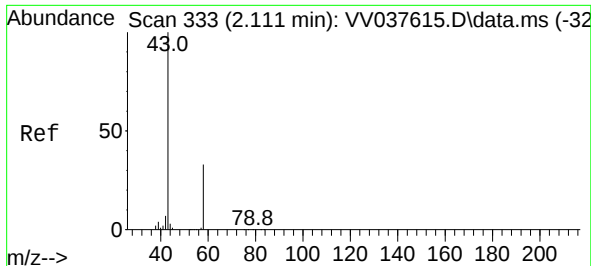
Tgt Ion:101 Resp: 251772
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.6 52.0
 151 72.1 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 48.210 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037642.D
 Acq: 30 Sep 2024 10:06

Tgt Ion: 96 Resp: 227856
 Ion Ratio Lower Upper
 96 100
 61 164.5 122.6 227.6
 63 131.0 118.0 219.2





#13

Acetone

Concen: 86.354 ug/L

RT: 2.108 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

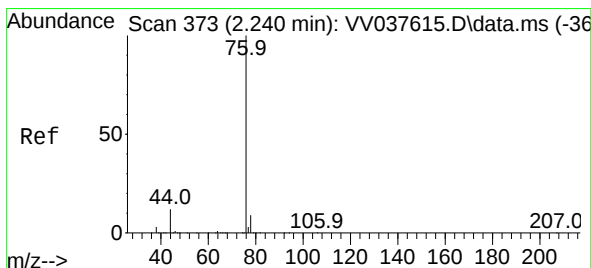
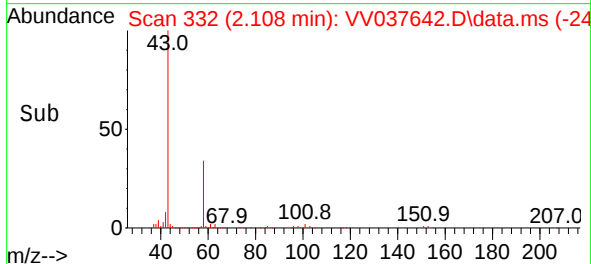
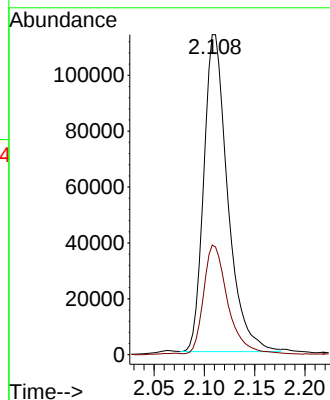
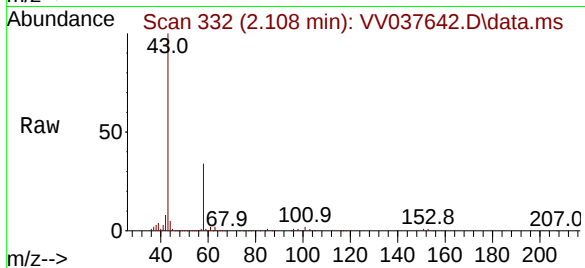
ClientSampleId :

Tgt Ion: 43 Resp: 187905

Ion Ratio Lower Upper

43 100

58 35.3 0.0 66.6



#14

Carbon disulfide

Concen: 45.704 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037642.D

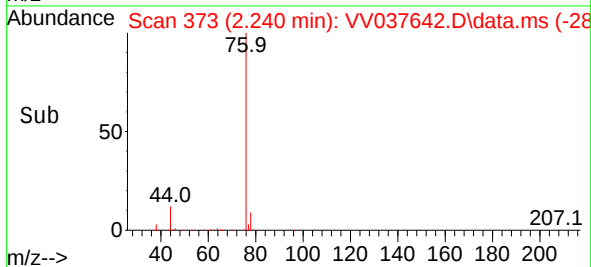
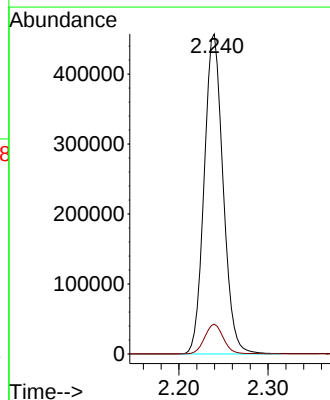
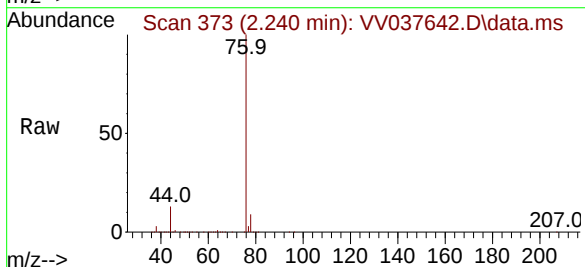
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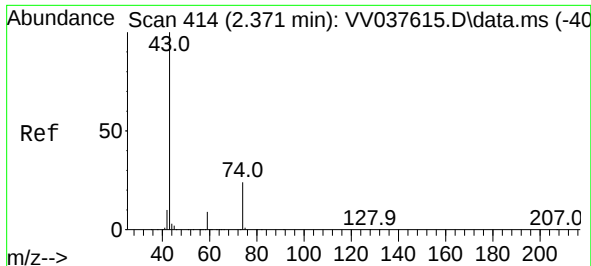
Tgt Ion: 76 Resp: 674262

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 45.232 ug/L

RT: 2.368 min Scan# 413

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

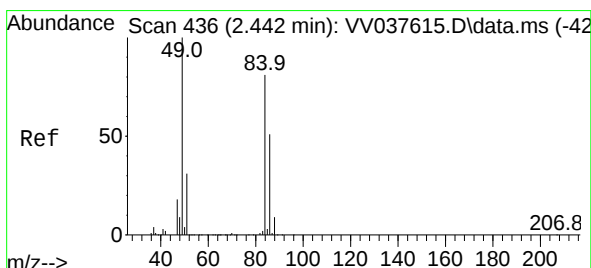
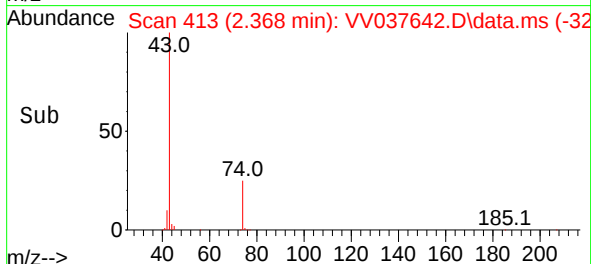
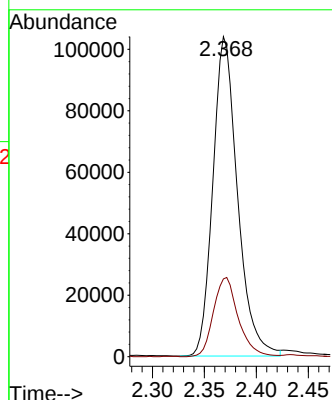
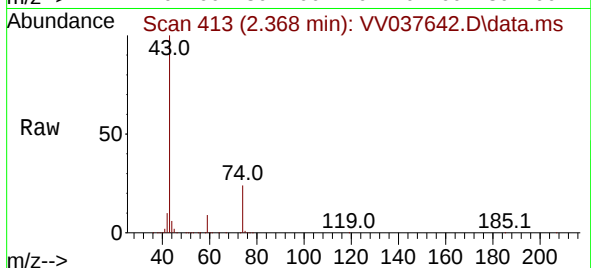
ClientSampleId :

Tgt Ion: 43 Resp: 171763

Ion Ratio Lower Upper

43 100

74 25.0 19.4 29.0



#16

Methylene chloride

Concen: 47.305 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

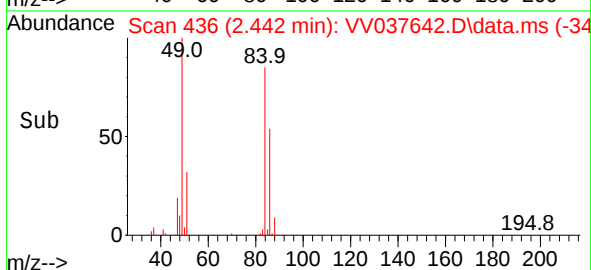
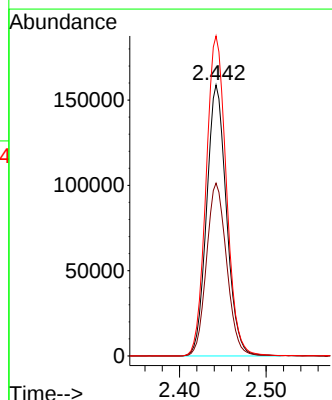
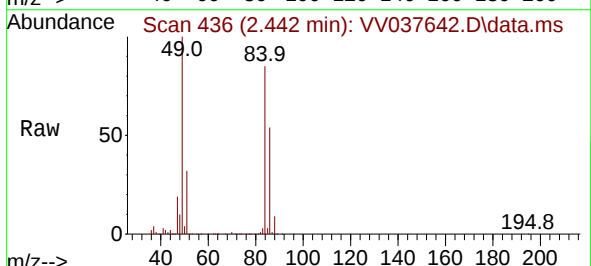
Tgt Ion: 84 Resp: 253150

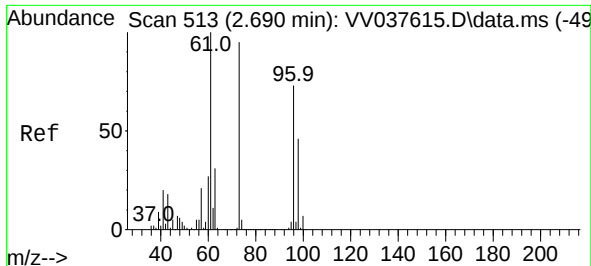
Ion Ratio Lower Upper

84 100

86 63.8 46.4 86.2

49 118.1 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 47.951 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

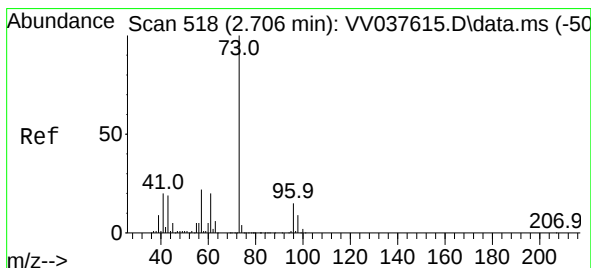
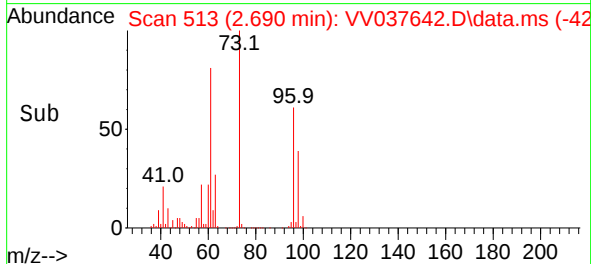
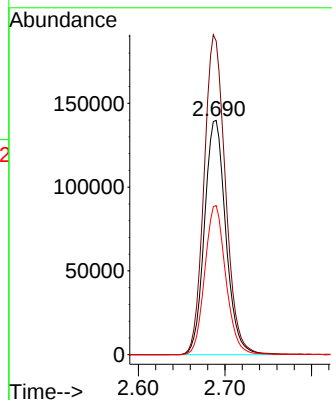
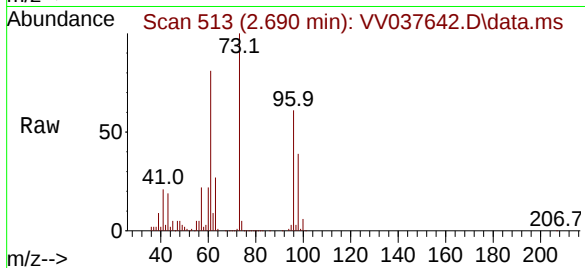
Tgt Ion: 96 Resp: 239752

Ion Ratio Lower Upper

96 100

61 133.9 97.3 180.7

98 63.7 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 47.677 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.006 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

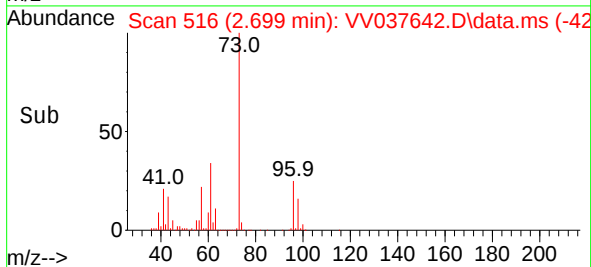
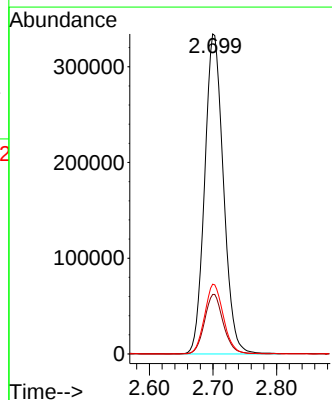
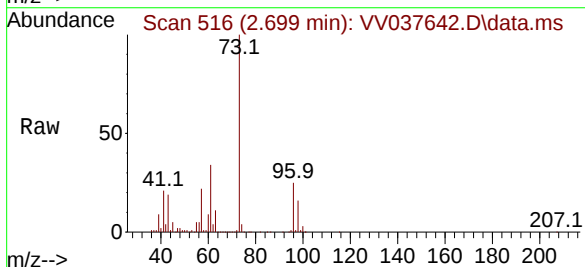
Tgt Ion: 73 Resp: 683919

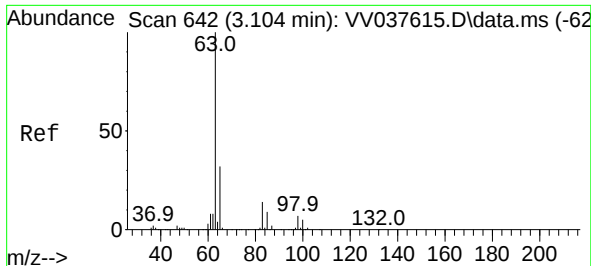
Ion Ratio Lower Upper

73 100

43 18.4 15.1 22.7

57 21.9 17.4 26.2

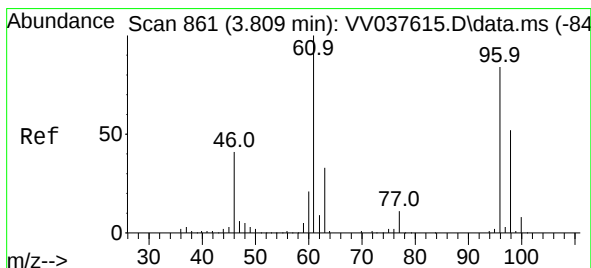
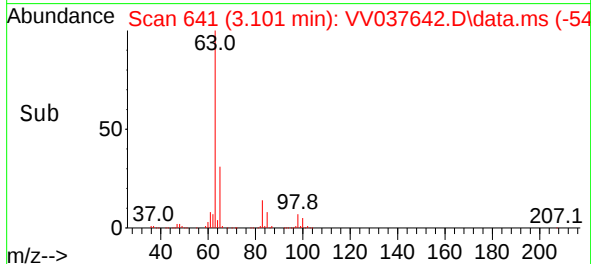
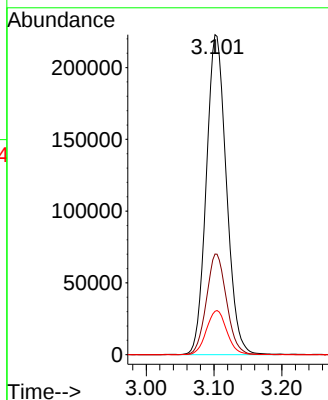
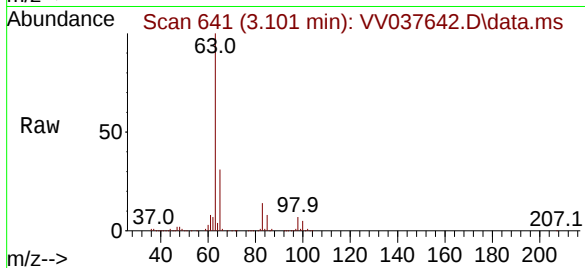




#19
1,1-Dichloroethane
Concen: 47.895 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV037642.D
Acq: 30 Sep 2024 10:06

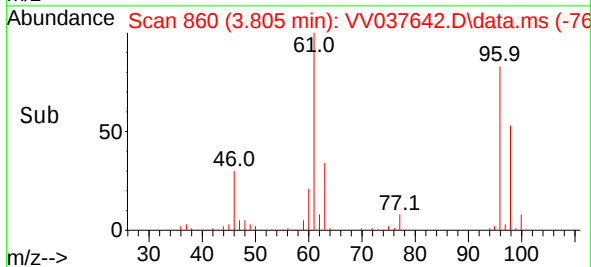
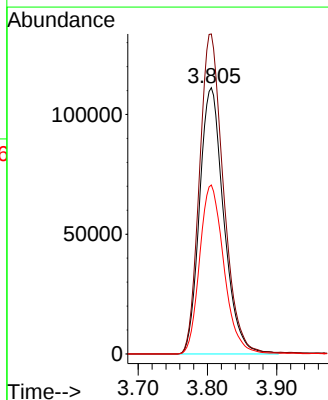
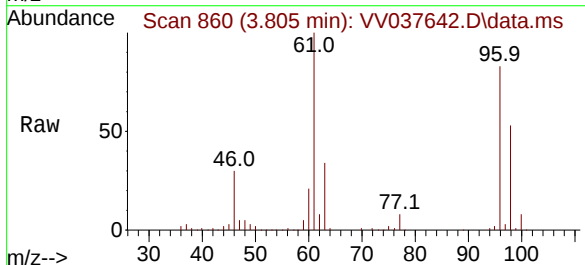
Instrument :
MSVOA_V
ClientSampleId :

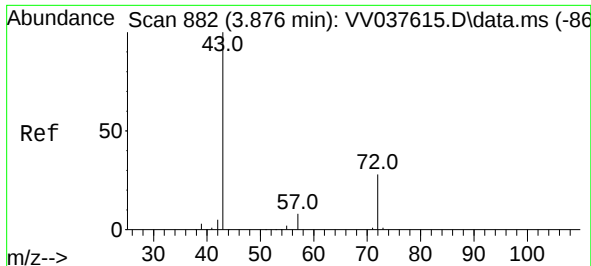
Tgt Ion: 63 Resp: 458823
Ion Ratio Lower Upper
63 100
65 31.5 22.4 41.6
83 13.6 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 48.246 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037642.D
Acq: 30 Sep 2024 10:06

Tgt Ion: 96 Resp: 269946
Ion Ratio Lower Upper
96 100
61 120.2 85.0 157.8
98 63.4 44.2 82.0





#22

2-Butanone

Concen: 86.019 ug/L

RT: 3.867 min Scan# 81

Delta R.T. -0.010 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

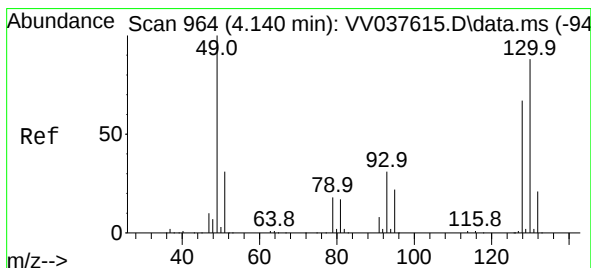
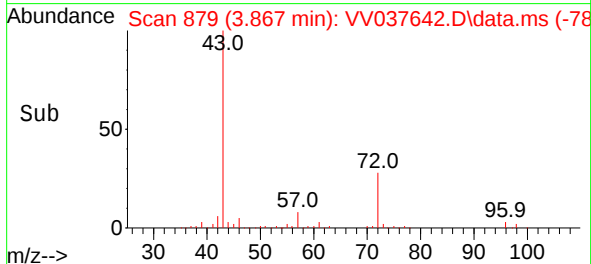
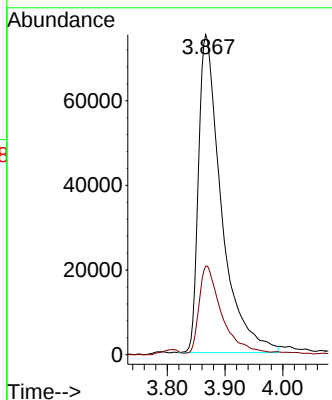
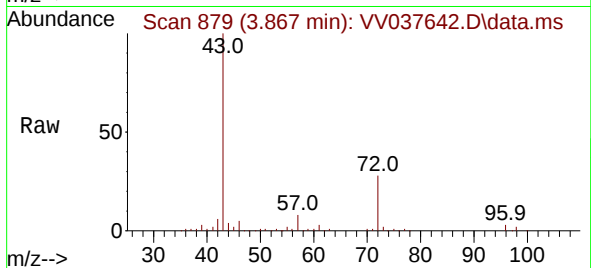
ClientSampleId :

Tgt Ion: 43 Resp: 207174

Ion Ratio Lower Upper

43 100

72 27.1 14.3 42.9



#23

Bromochloromethane

Concen: 50.015 ug/L

RT: 4.137 min Scan# 963

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Tgt Ion:128 Resp: 144758

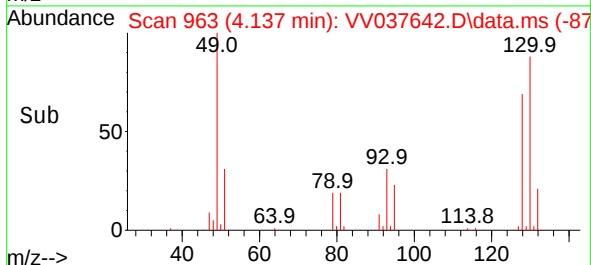
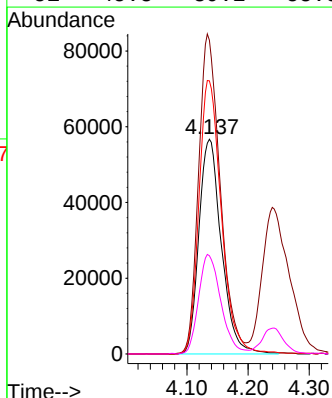
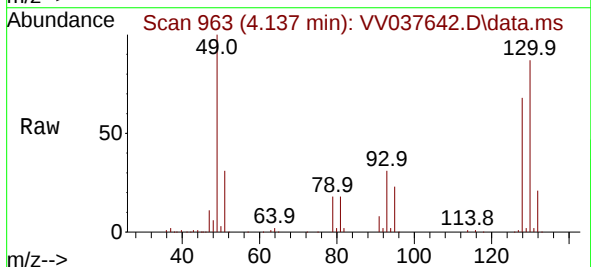
Ion Ratio Lower Upper

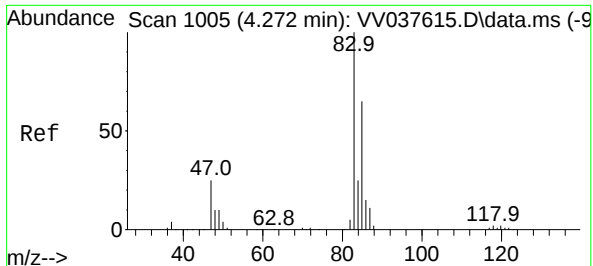
128 100

49 146.1 108.7 201.9

130 127.2 90.4 168.0

51 45.8 39.2 58.8





#25

Chloroform

Concen: 48.590 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

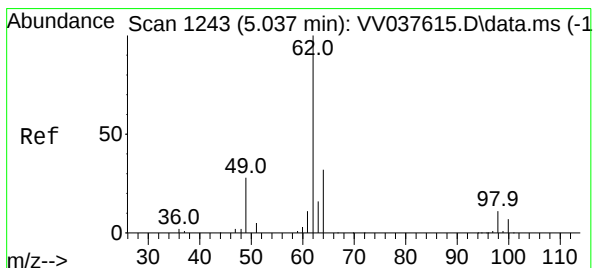
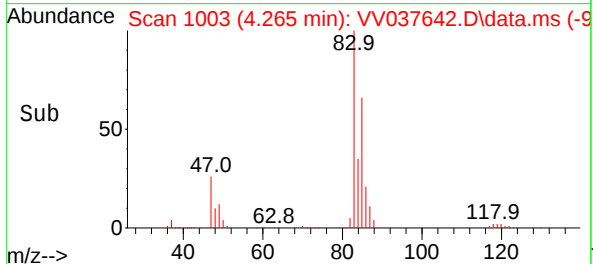
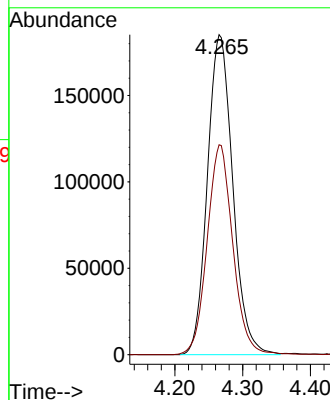
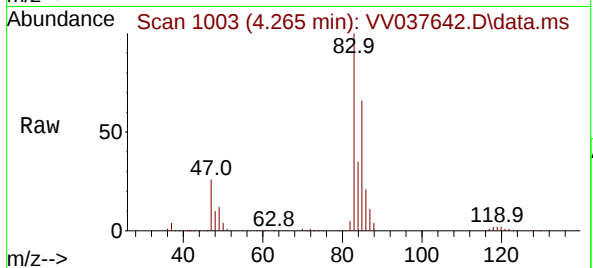
ClientSampleId :

Tgt Ion: 83 Resp: 481937

Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 47.590 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV037642.D

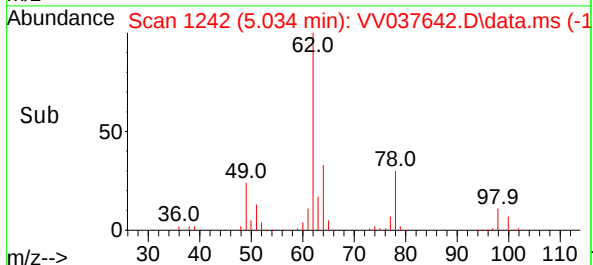
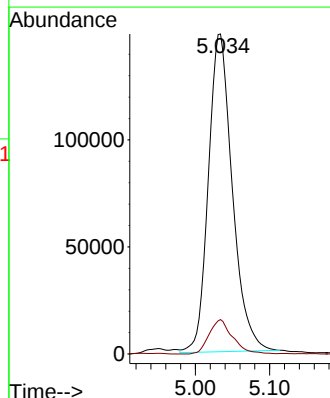
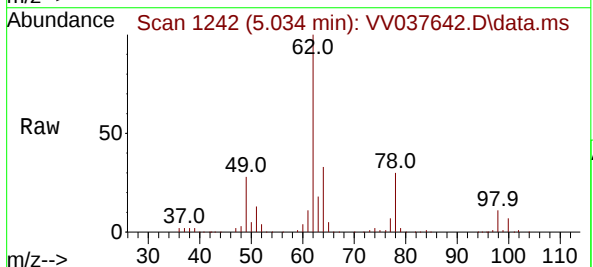
Acq: 30 Sep 2024 10:06

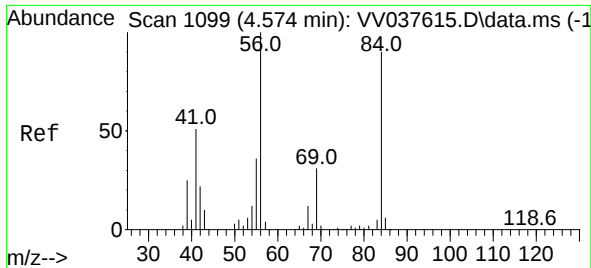
Tgt Ion: 62 Resp: 333226

Ion Ratio Lower Upper

62 100

98 10.8 8.4 12.6





#29

Cyclohexane

Concen: 45.423 ug/L

RT: 4.571 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

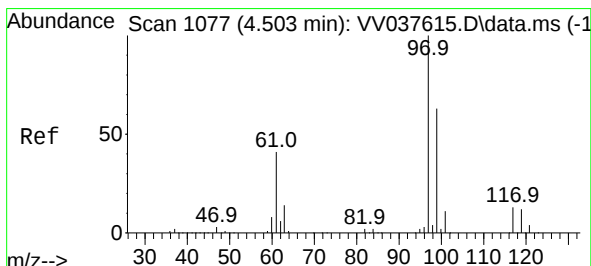
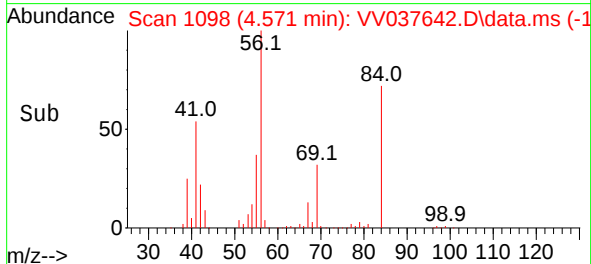
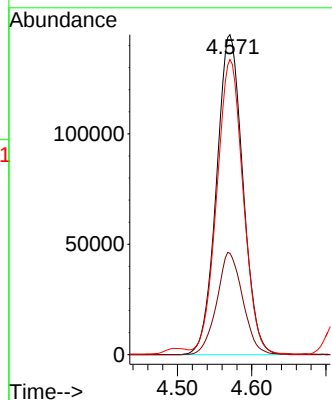
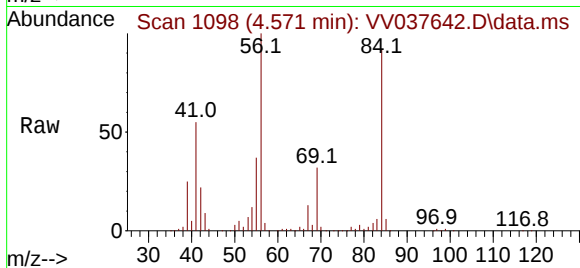
Tgt Ion: 56 Resp: 357843

Ion Ratio Lower Upper

56 100

69 31.5 24.7 37.1

84 92.5 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 48.362 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

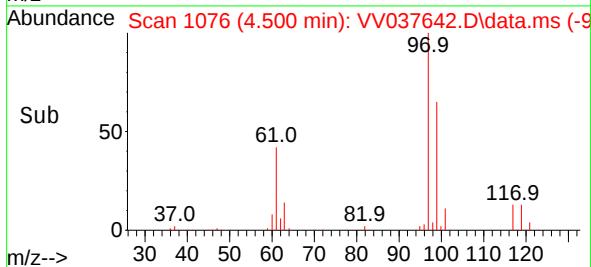
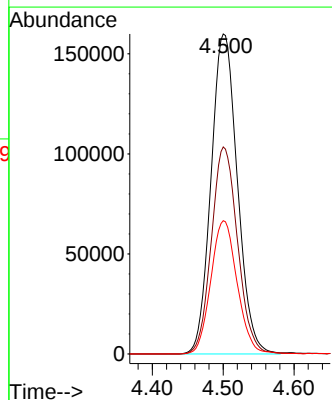
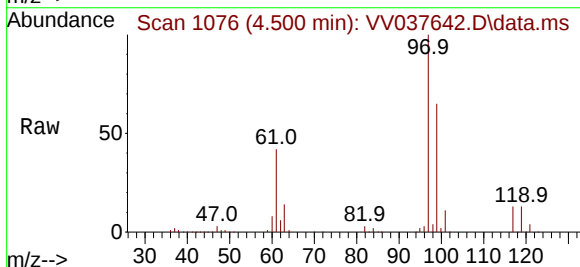
Tgt Ion: 97 Resp: 413288

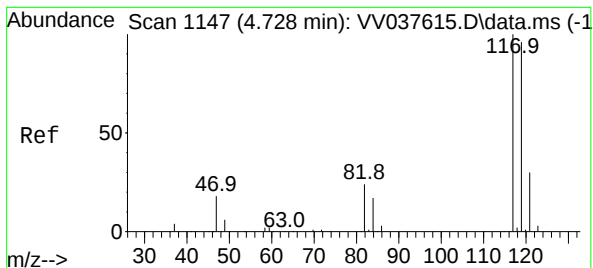
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 41.7 33.6 50.4





#31

Carbon tetrachloride

Concen: 49.097 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

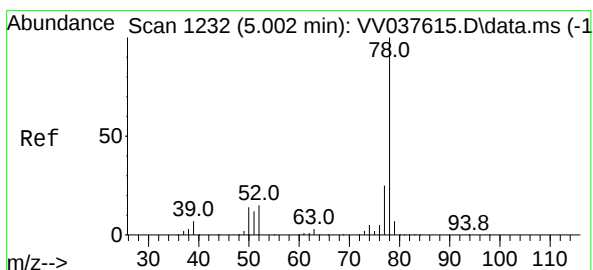
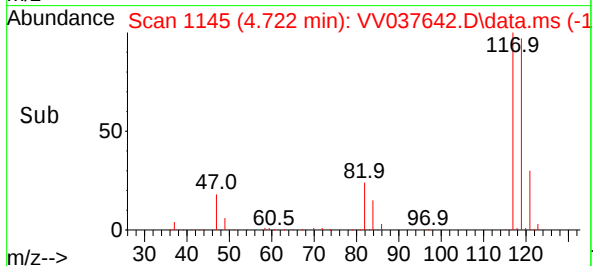
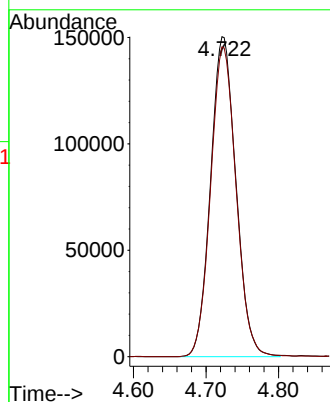
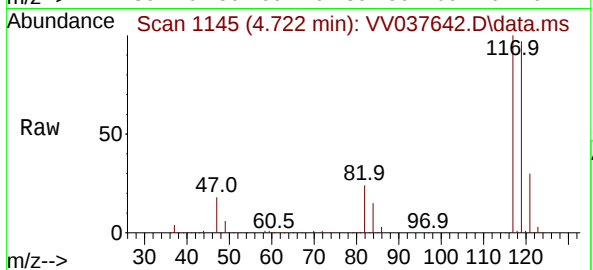
ClientSampleId :

Tgt Ion:117 Resp: 364777

Ion Ratio Lower Upper

117 100

119 97.4 76.9 115.3



#33

Benzene

Concen: 47.971 ug/L

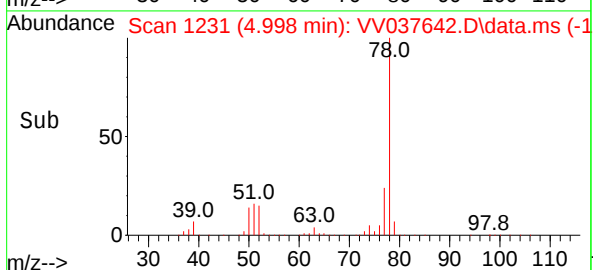
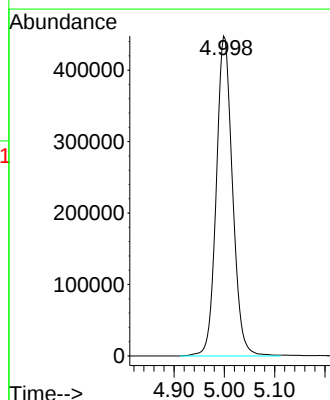
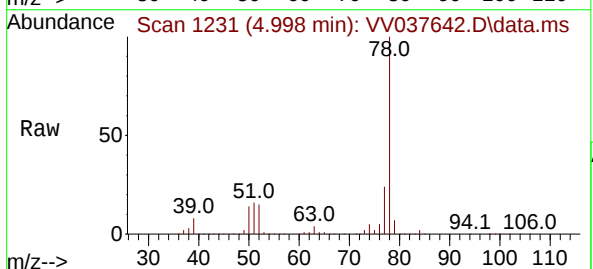
RT: 4.998 min Scan# 1231

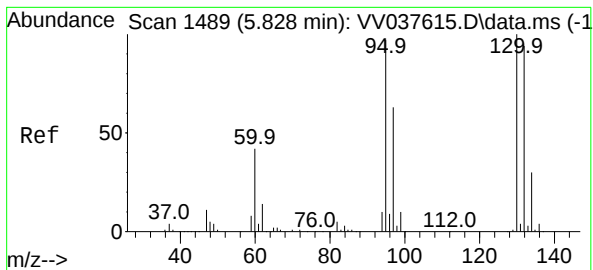
Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Tgt Ion: 78 Resp: 1003831





#34

Trichloroethene

Concen: 47.539 ug/L

RT: 5.821 min Scan# 1489

Delta R.T. -0.006 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 264922

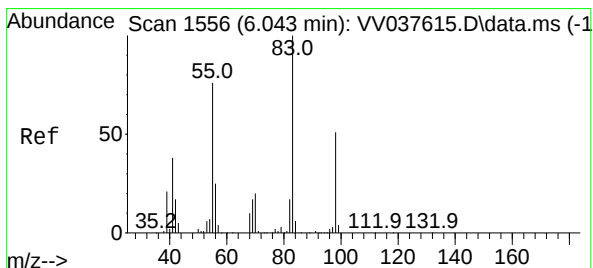
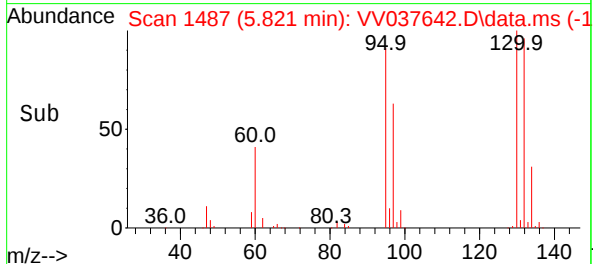
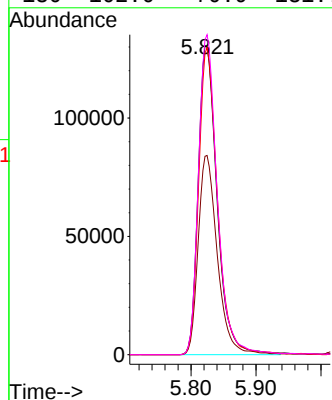
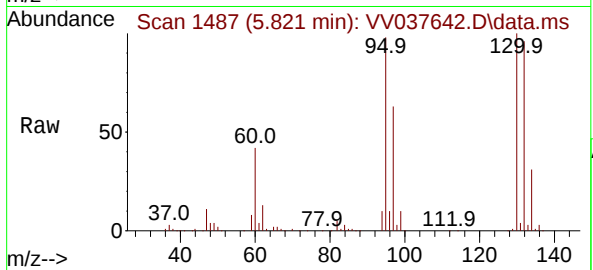
Ion Ratio Lower Upper

95 100

97 64.3 46.3 85.9

132 97.6 68.6 127.4

130 102.0 70.9 131.7



#35

Methylcyclohexane

Concen: 47.718 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

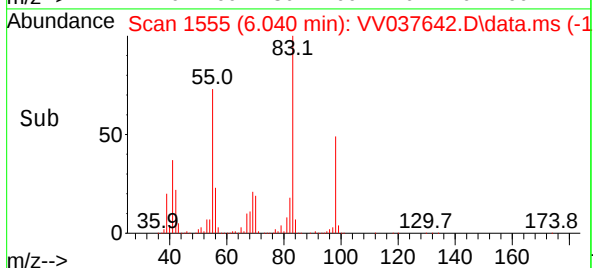
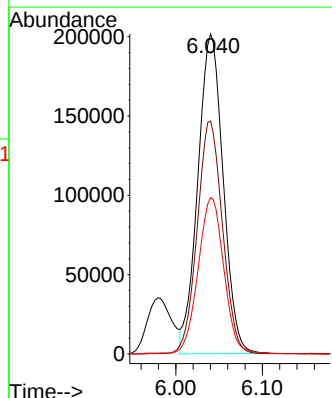
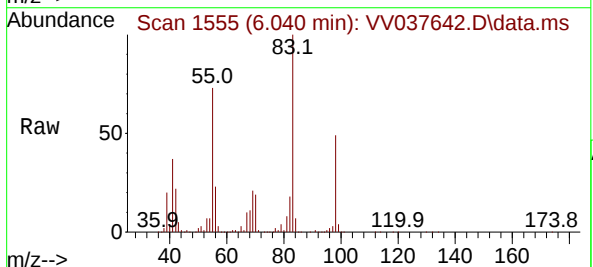
Tgt Ion: 83 Resp: 409089

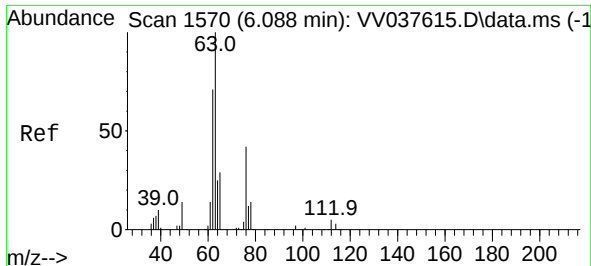
Ion Ratio Lower Upper

83 100

55 72.9 57.9 86.9

98 49.5 39.3 58.9





#37

1,2-Dichloropropane

Concen: 48.821 ug/L

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

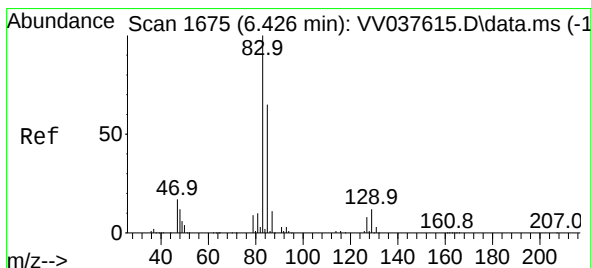
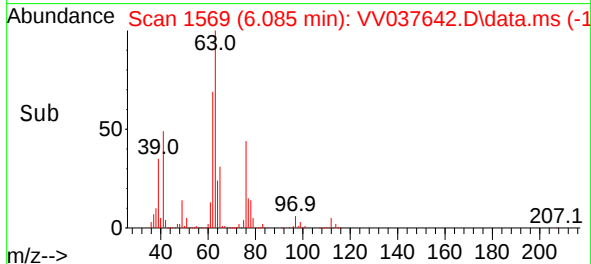
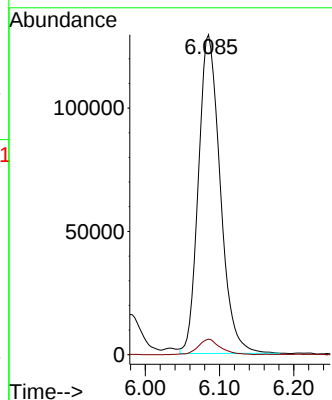
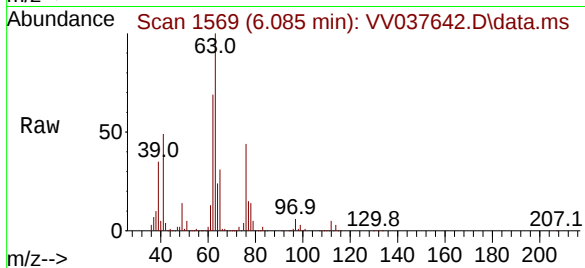
ClientSampleId :

Tgt Ion: 63 Resp: 263810

Ion Ratio Lower Upper

63 100

112 5.0 3.5 5.3



#38

Bromodichloromethane

Concen: 48.229 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

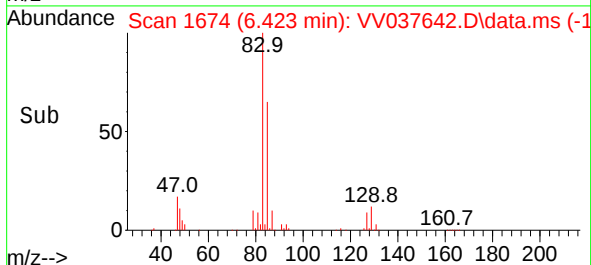
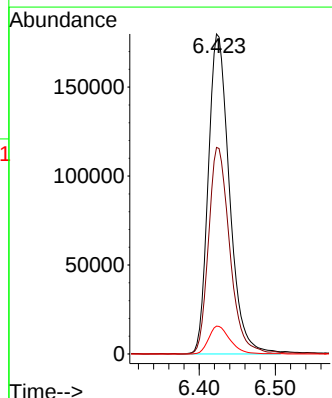
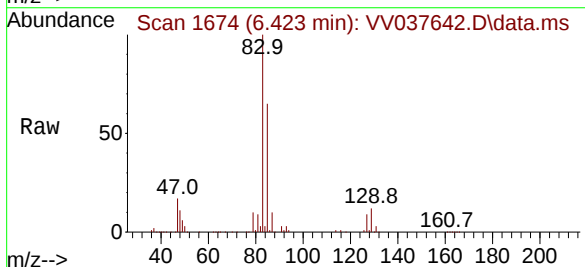
Tgt Ion: 83 Resp: 348381

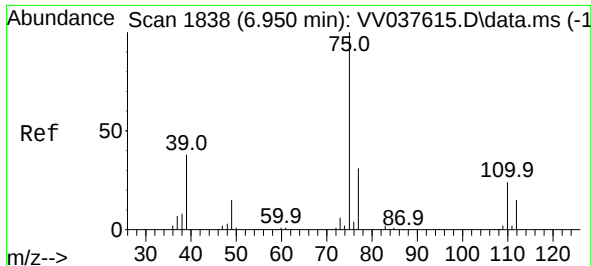
Ion Ratio Lower Upper

83 100

85 64.6 45.7 84.9

127 8.7 7.0 10.4

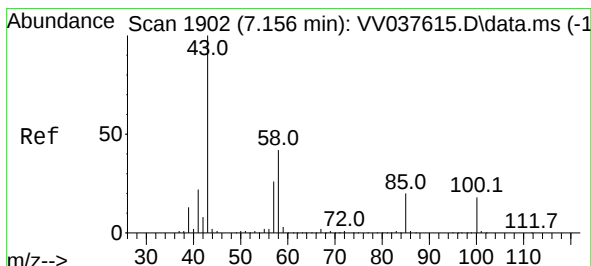
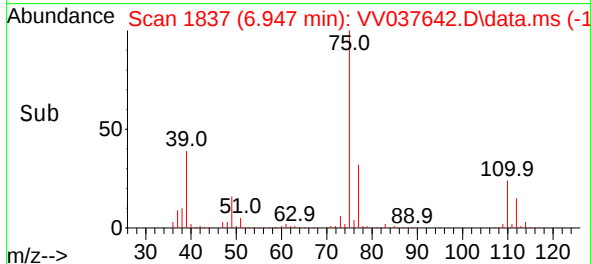
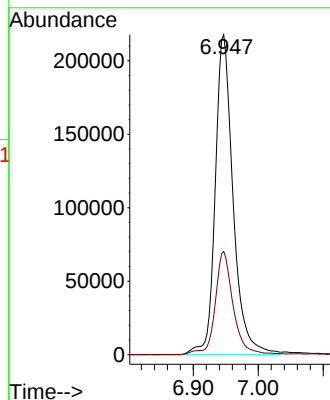
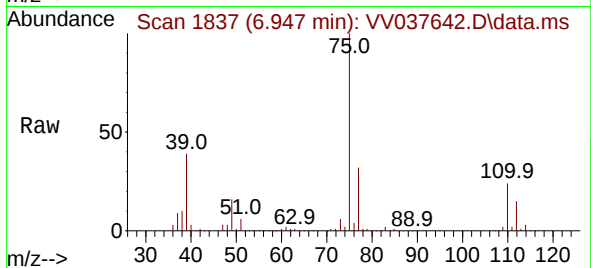




#39
cis-1,3-Dichloropropene
Concen: 48.208 ug/L
RT: 6.947 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037642.D
Acq: 30 Sep 2024 10:06

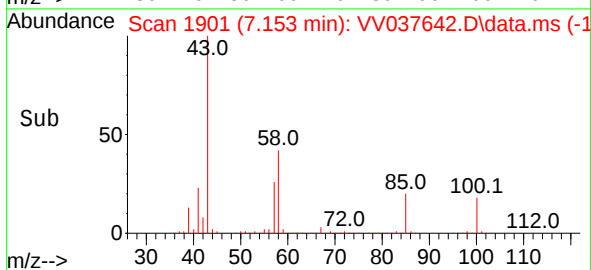
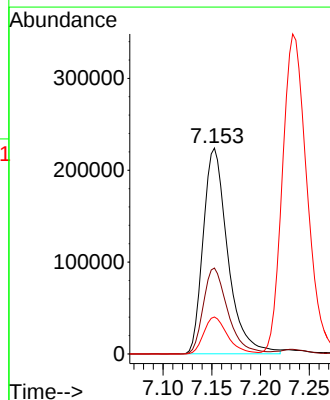
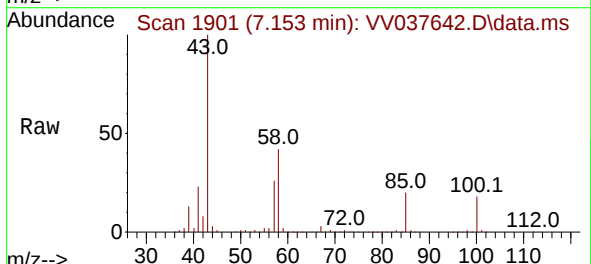
Instrument :
MSVOA_V
ClientSampleId :

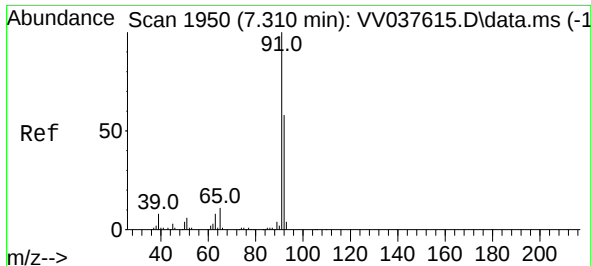
Tgt Ion: 75 Resp: 415831
Ion Ratio Lower Upper
75 100
77 32.3 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 89.520 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. -0.003 min
Lab File: VV037642.D
Acq: 30 Sep 2024 10:06

Tgt Ion: 43 Resp: 393858
Ion Ratio Lower Upper
43 100
58 41.6 33.0 49.4
100 17.4 13.7 20.5





#42

Toluene

Concen: 49.716 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

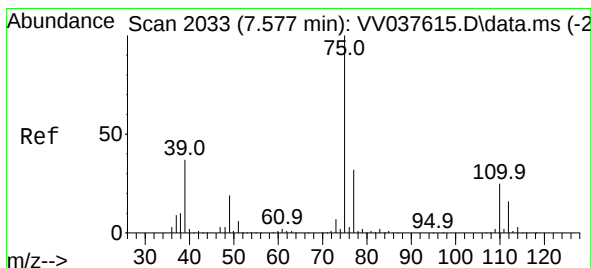
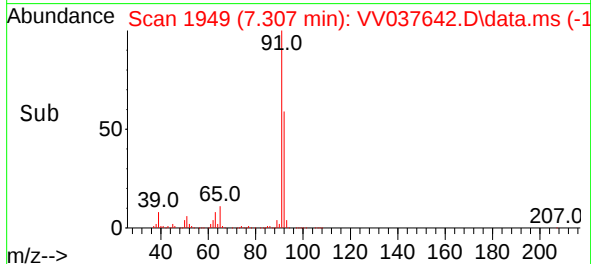
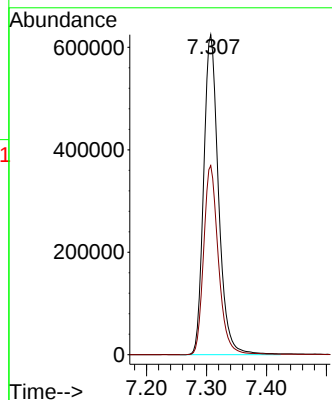
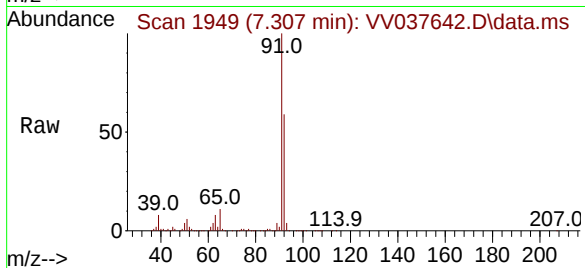
ClientSampleId :

Tgt Ion: 91 Resp: 1078516

Ion Ratio Lower Upper

91 100

92 59.1 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 47.622 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV037642.D

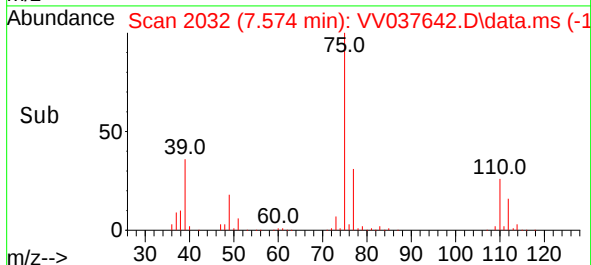
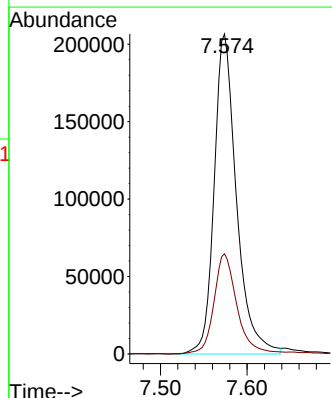
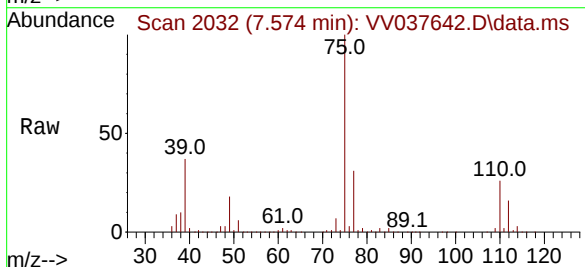
Acq: 30 Sep 2024 10:06

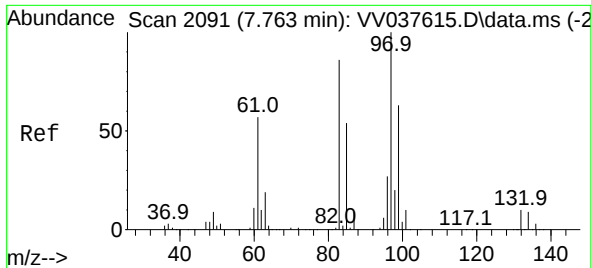
Tgt Ion: 75 Resp: 369824

Ion Ratio Lower Upper

75 100

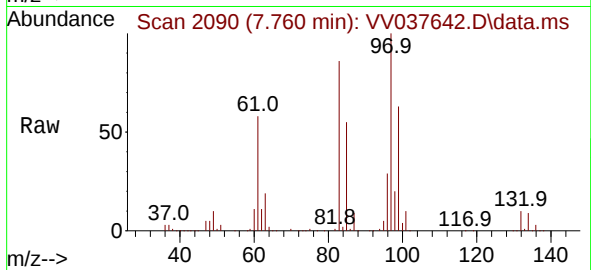
77 31.3 21.9 40.7



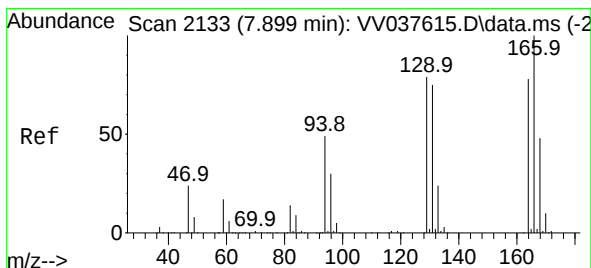
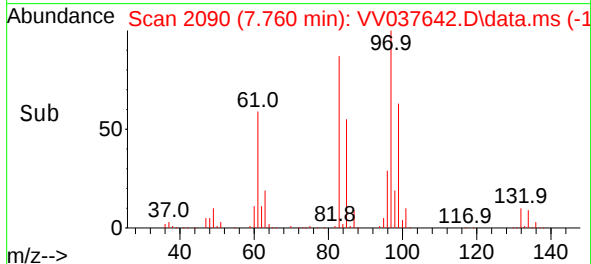
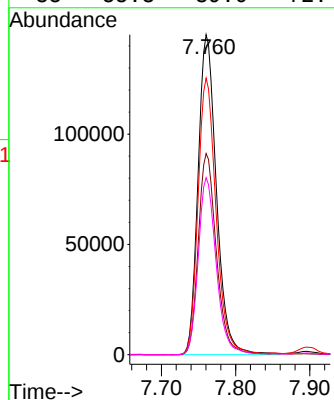


#45
1,1,2-Trichloroethane
Concen: 48.186 ug/L
RT: 7.760 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV037642.D
Acq: 30 Sep 2024 10:06

Instrument :
MSVOA_V
ClientSampleId :

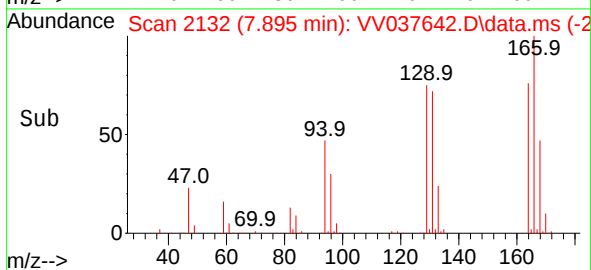
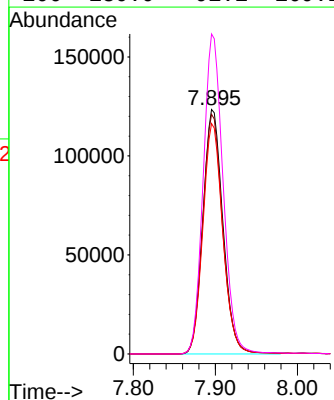
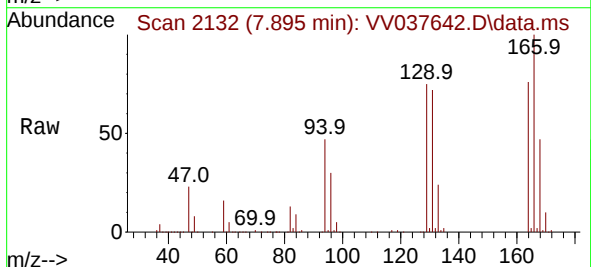


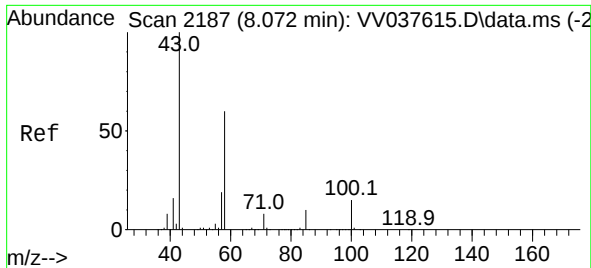
Tgt Ion:	97	Resp:	250016
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.1	81.9
83	86.4	59.3	110.1
85	55.3	39.0	72.4



#46
Tetrachloroethene
Concen: 49.283 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV037642.D
Acq: 30 Sep 2024 10:06

Tgt Ion:	164	Resp:	209983
Ion	Ratio	Lower	Upper
164	100		
129	98.0	68.2	126.6
131	94.2	66.1	122.8
166	130.9	91.1	169.1





#48

2-Hexanone

Concen: 86.780 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. -0.003 min

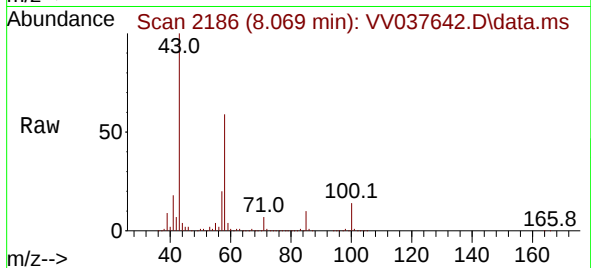
Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 296884

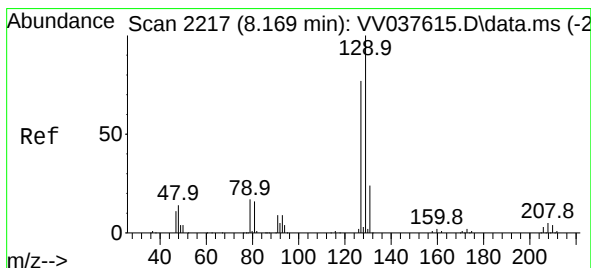
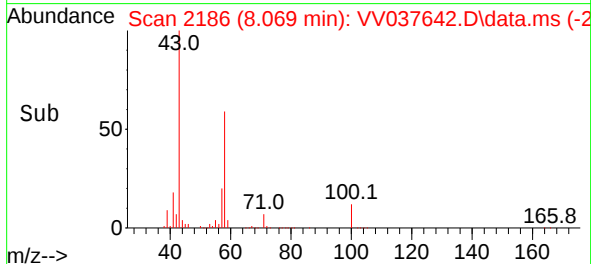
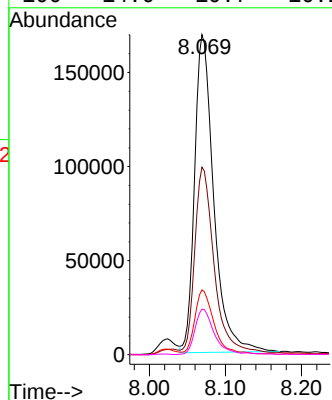
Ion Ratio Lower Upper

43 100

58 58.8 46.5 69.7

57 18.7 15.1 22.7

100 14.0 10.7 16.1



#49

Dibromochloromethane

Concen: 49.300 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV037642.D

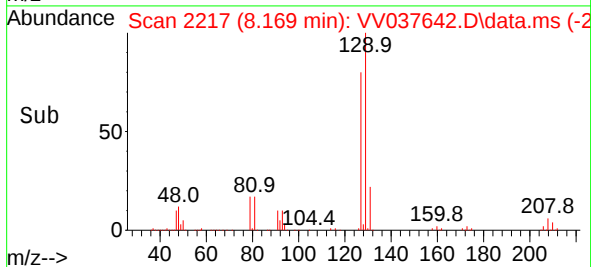
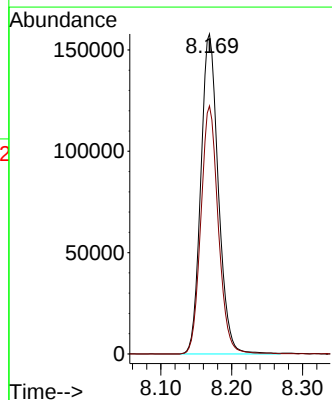
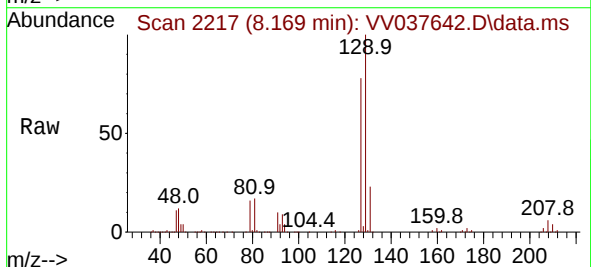
Acq: 30 Sep 2024 10:06

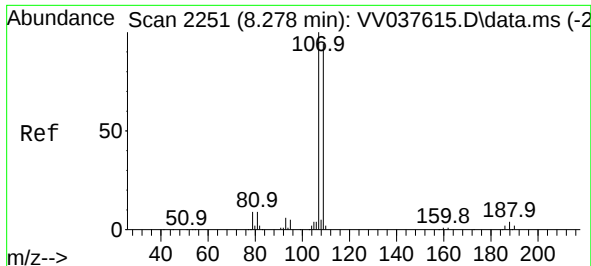
Tgt Ion: 129 Resp: 270731

Ion Ratio Lower Upper

129 100

127 77.5 54.9 101.9





#50

1,2-Dibromoethane

Concen: 47.798 ug/L

RT: 8.275 min Scan# 2415

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

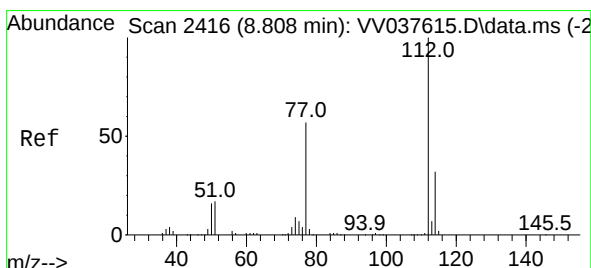
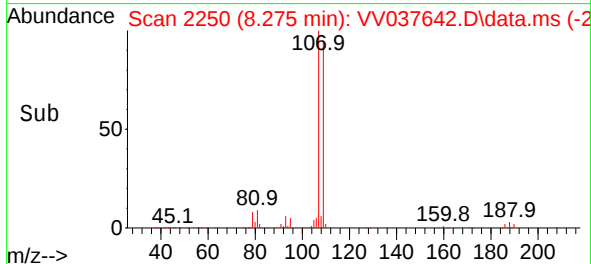
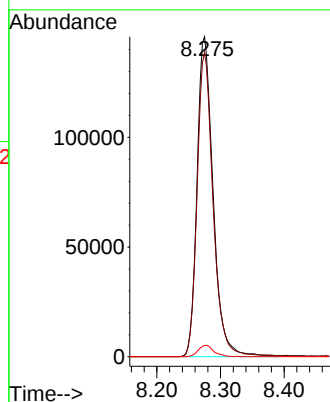
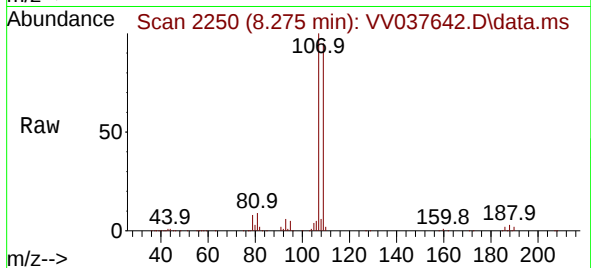
Tgt Ion:107 Resp: 256363

Ion Ratio Lower Upper

107 100

109 95.0 65.7 121.9

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 48.143 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

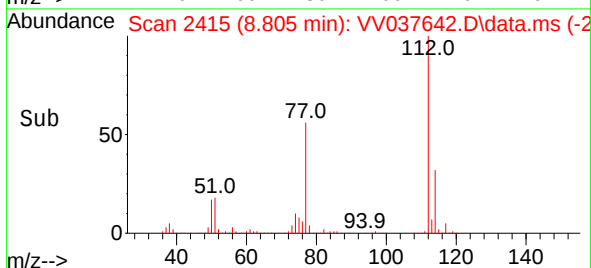
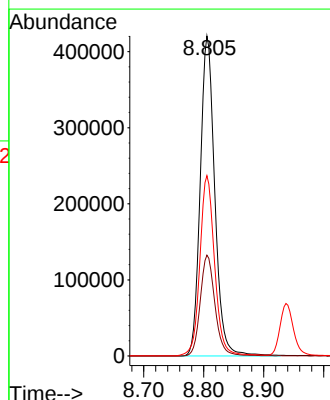
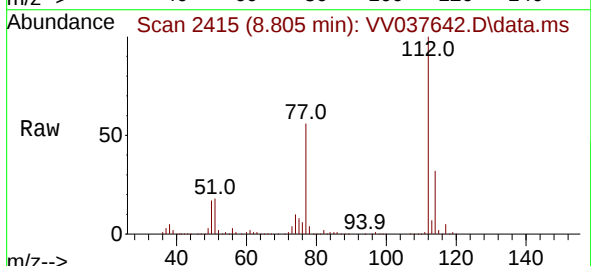
Tgt Ion:112 Resp: 711551

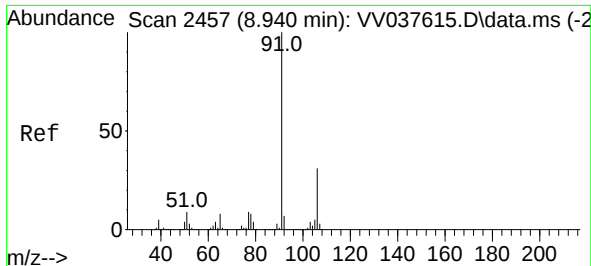
Ion Ratio Lower Upper

112 100

114 31.5 22.5 41.7

77 56.3 45.8 68.8





#52

Ethylbenzene

Concen: 48.516 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

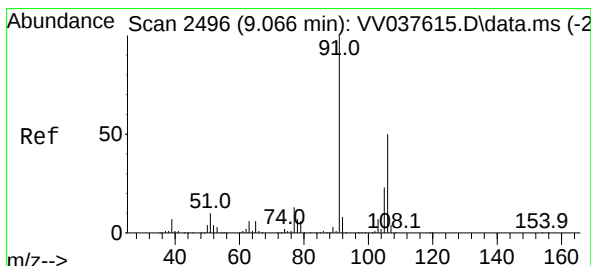
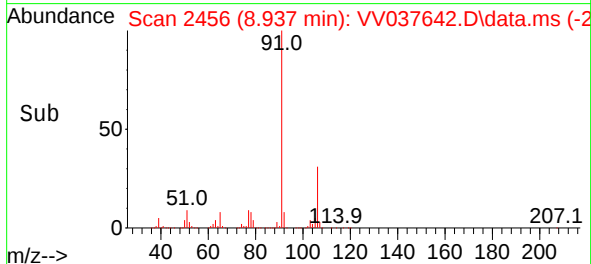
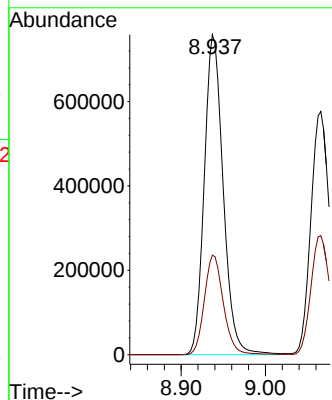
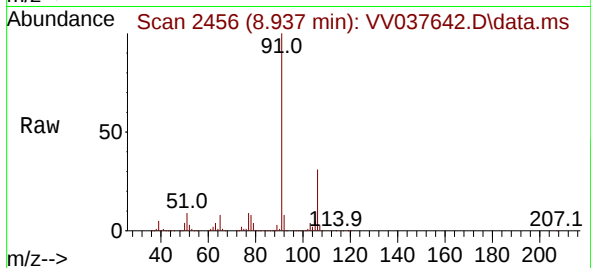
ClientSampleId :

Tgt Ion: 91 Resp: 1184740

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-Xylene

Concen: 50.205 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037642.D

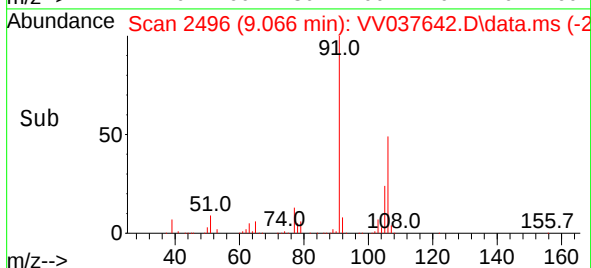
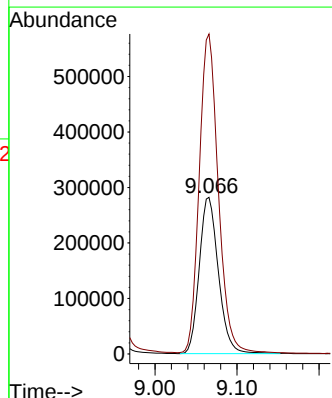
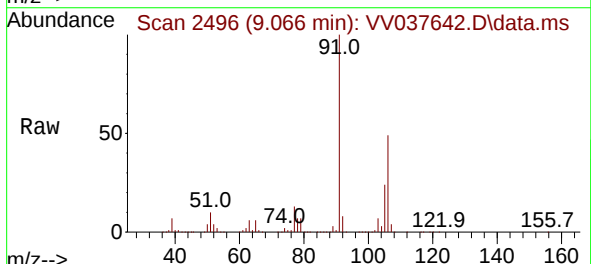
Acq: 30 Sep 2024 10:06

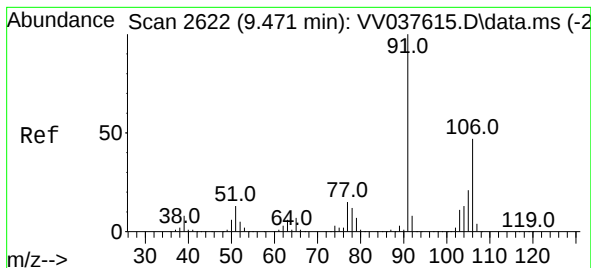
Tgt Ion:106 Resp: 456271

Ion Ratio Lower Upper

106 100

91 204.4 142.0 263.6





#54

o-Xylene

Concen: 49.495 ug/L

RT: 9.471 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

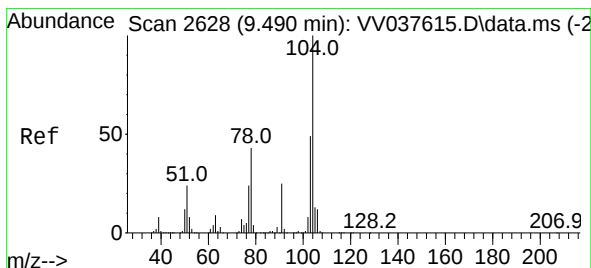
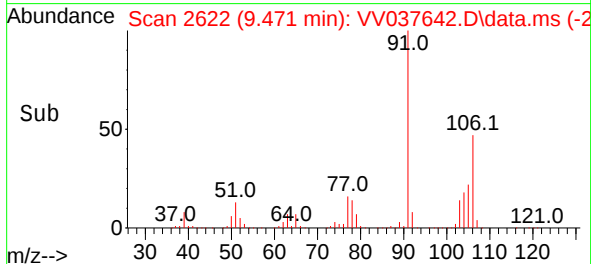
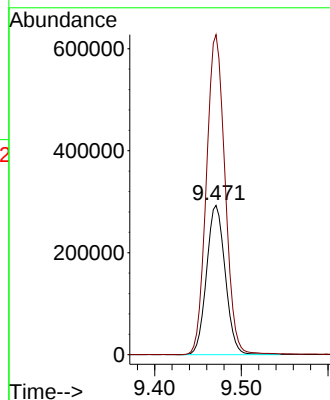
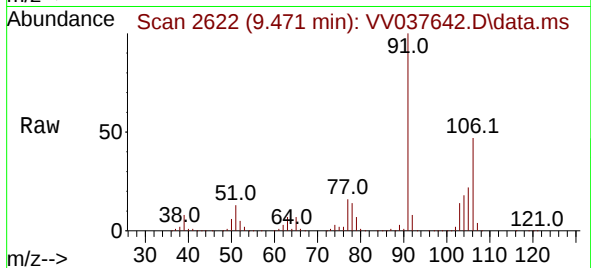
ClientSampleId :

Tgt Ion:106 Resp: 439157

Ion Ratio Lower Upper

106 100

91 214.3 153.9 285.9



#55

Styrene

Concen: 51.541 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. -0.003 min

Lab File: VV037642.D

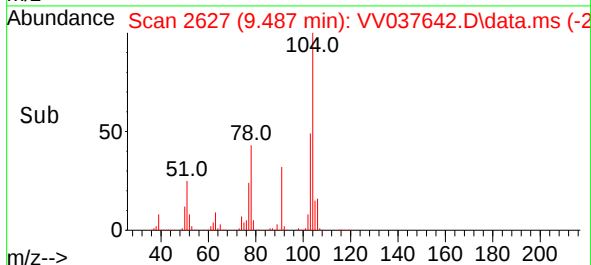
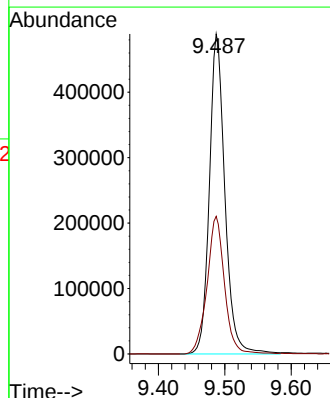
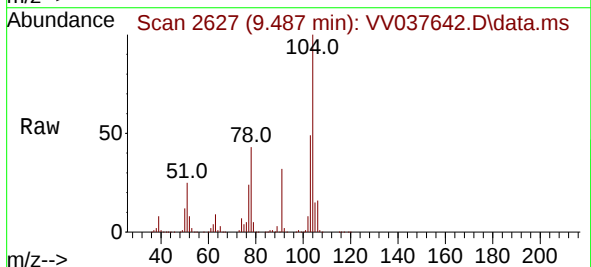
Acq: 30 Sep 2024 10:06

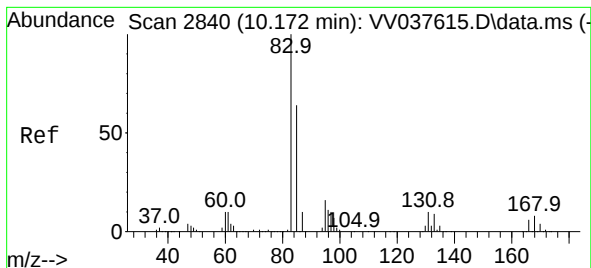
Tgt Ion:104 Resp: 796097

Ion Ratio Lower Upper

104 100

78 43.0 30.0 55.6

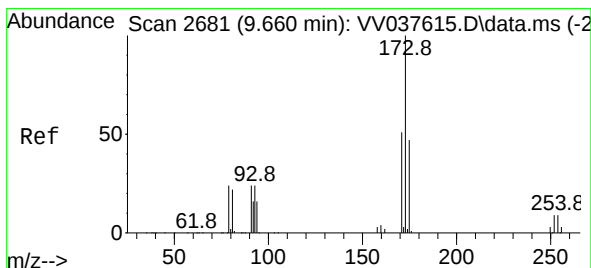
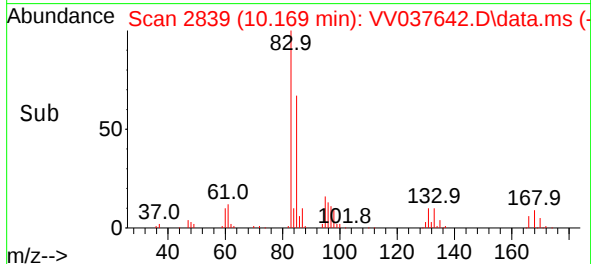
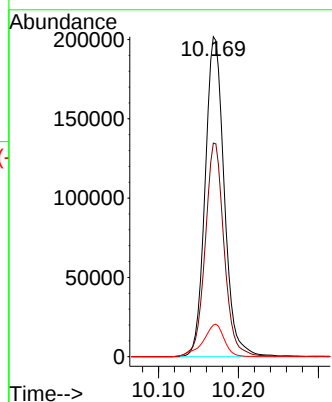
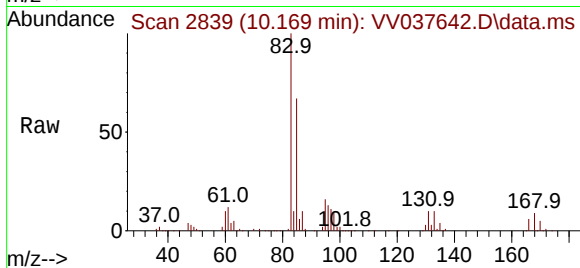




#57
1,1,2,2-Tetrachloroethane
Concen: 46.386 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VV037642.D
Acq: 30 Sep 2024 10:06

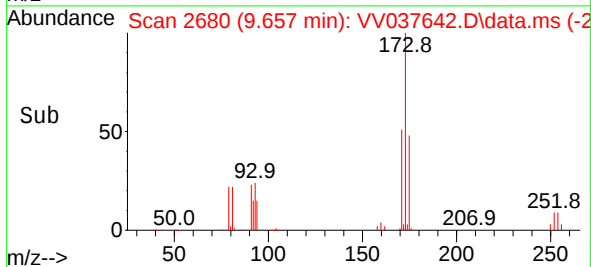
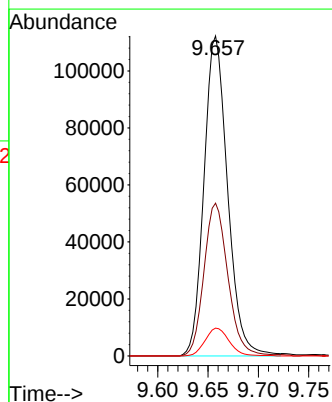
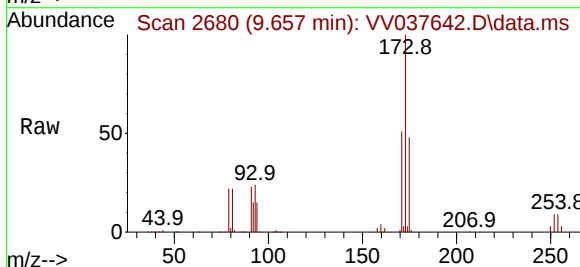
Instrument :
MSVOA_V
ClientSampleId :

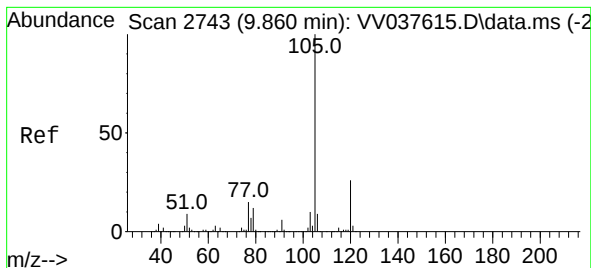
Tgt Ion: 83 Resp: 335557
Ion Ratio Lower Upper
83 100
85 66.8 45.9 85.3
131 9.9 7.9 11.9



#59
Bromoform
Concen: 48.371 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV037642.D
Acq: 30 Sep 2024 10:06

Tgt Ion: 173 Resp: 183315
Ion Ratio Lower Upper
173 100
175 48.4 40.0 60.0
254 8.8 6.5 9.7





#60

Isopropylbenzene

Concen: 47.441 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

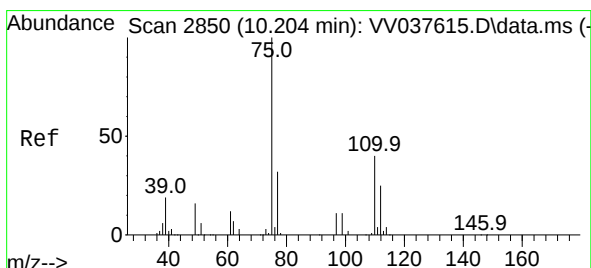
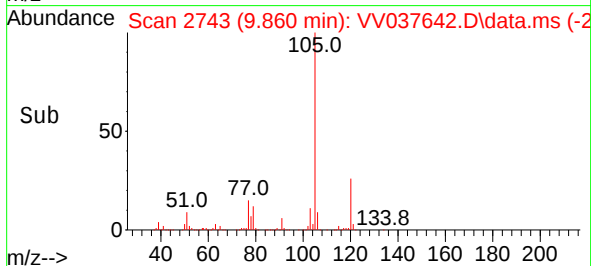
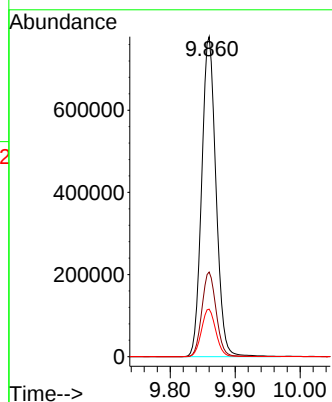
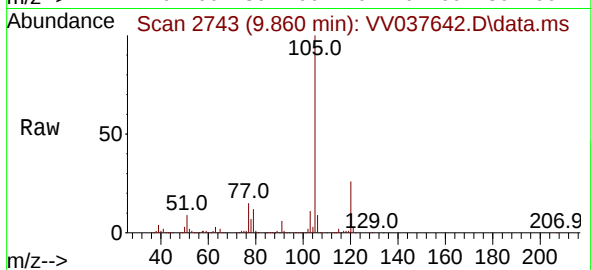
Tgt Ion:105 Resp: 1195941

Ion Ratio Lower Upper

105 100

120 26.4 20.7 31.1

77 14.9 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 44.350 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

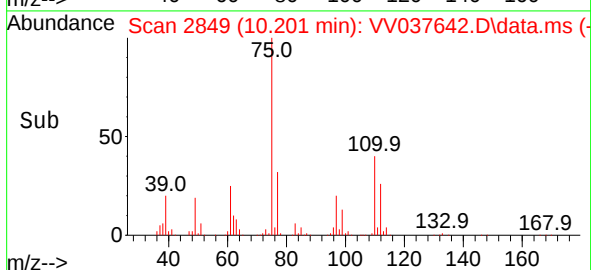
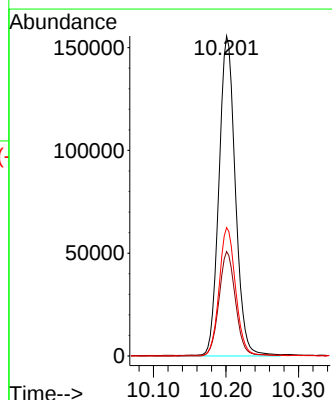
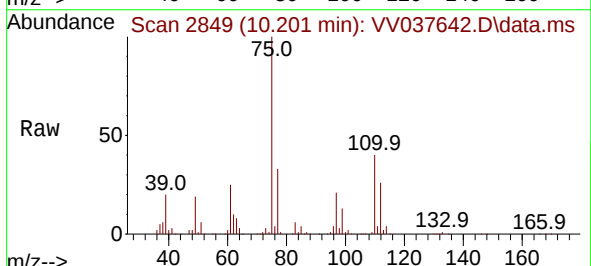
Tgt Ion: 75 Resp: 244700

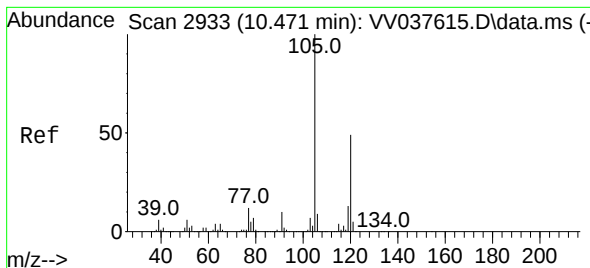
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

110 40.4 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 48.155 ug/L

RT: 10.468 min Scan# 2933

Delta R.T. -0.003 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

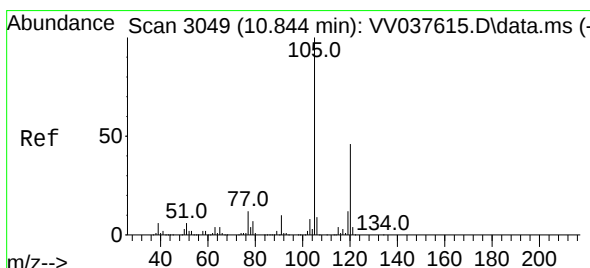
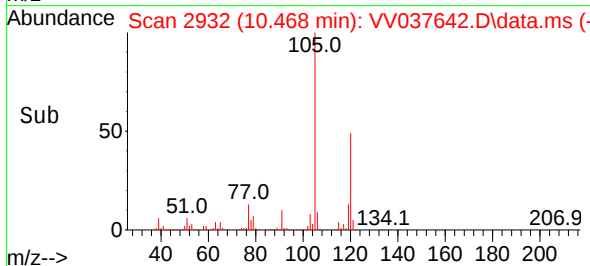
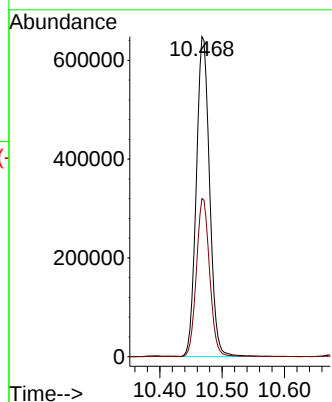
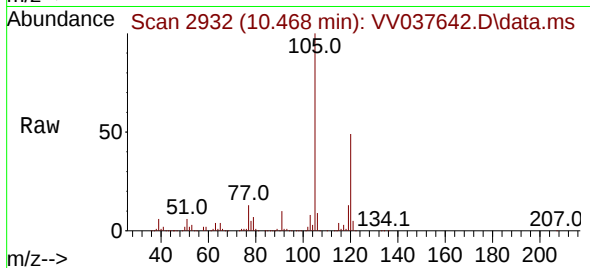
ClientSampleId :

Tgt Ion:105 Resp: 959761

Ion Ratio Lower Upper

105 100

120 49.1 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 48.486 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037642.D

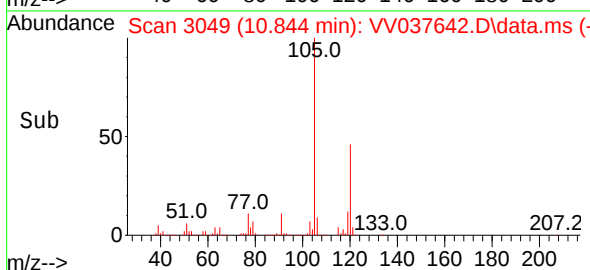
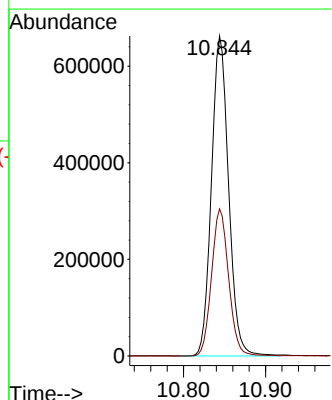
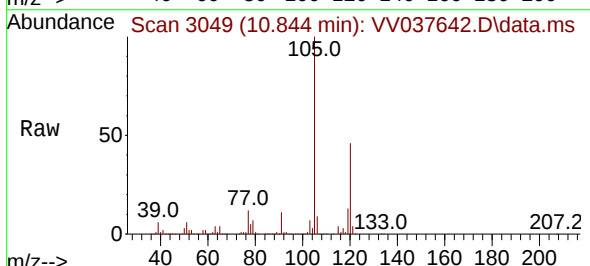
Acq: 30 Sep 2024 10:06

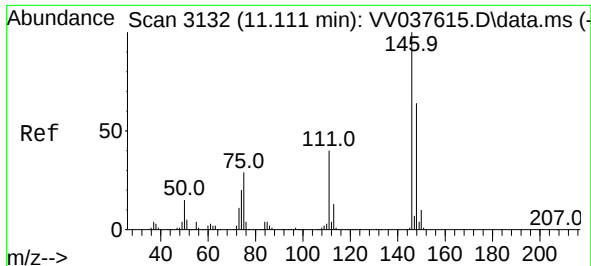
Tgt Ion:105 Resp: 961483

Ion Ratio Lower Upper

105 100

120 45.9 36.2 54.2

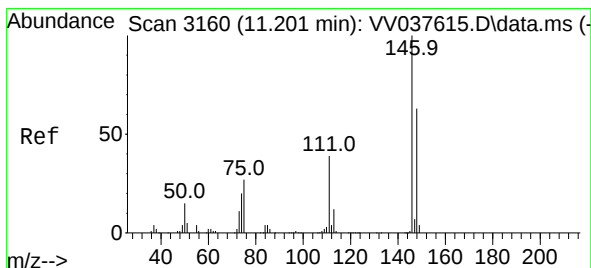
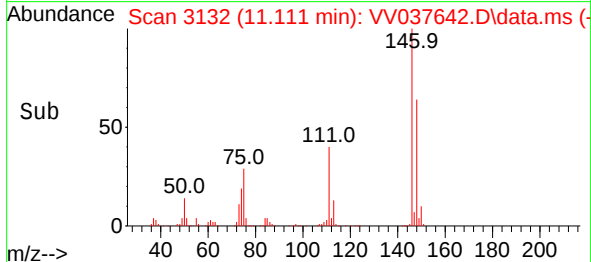
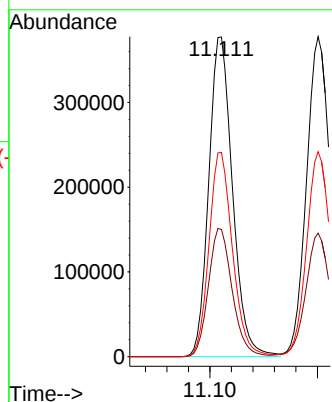
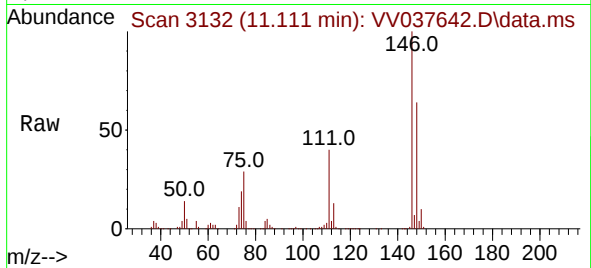




#64
1,3-Dichlorobenzene
Concen: 47.703 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV037642.D
Acq: 30 Sep 2024 10:06

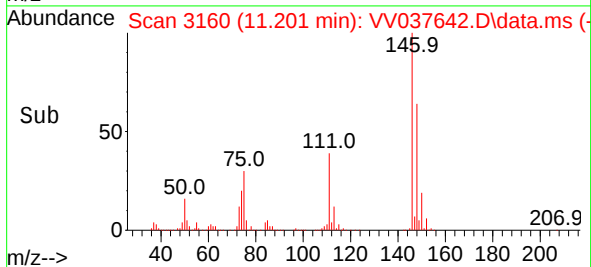
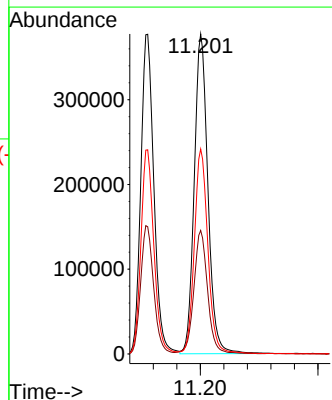
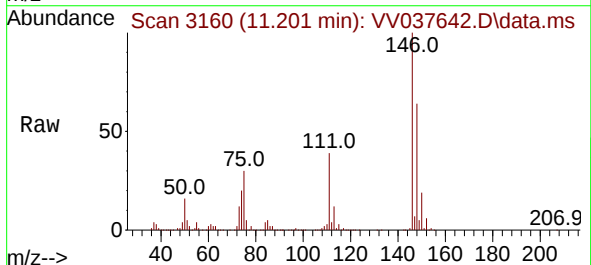
Instrument :
MSVOA_V
ClientSampleId :

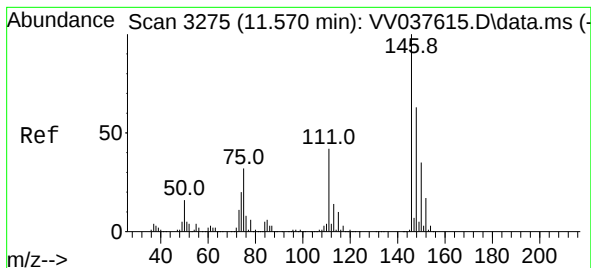
Tgt Ion:146 Resp: 578824
Ion Ratio Lower Upper
146 100
111 39.8 28.3 52.5
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 48.094 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV037642.D
Acq: 30 Sep 2024 10:06

Tgt Ion:146 Resp: 607671
Ion Ratio Lower Upper
146 100
111 38.6 27.6 51.4
148 64.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 47.679 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

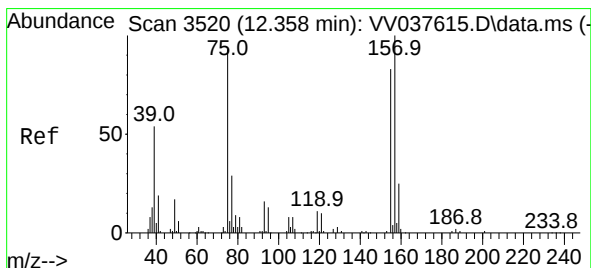
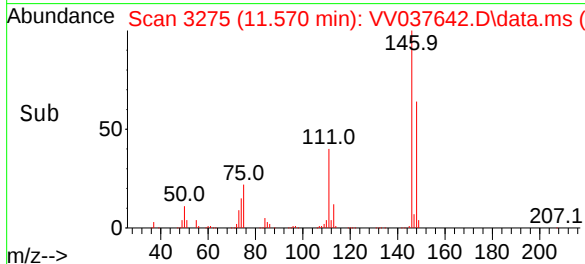
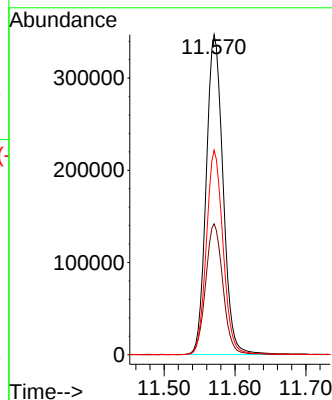
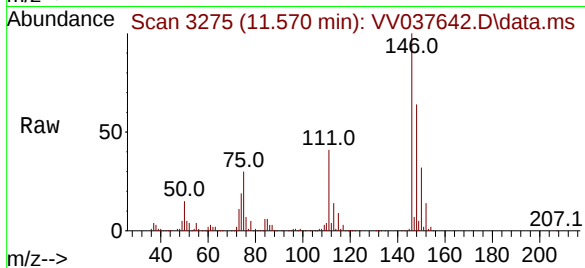
Tgt Ion:146 Resp: 571919

Ion Ratio Lower Upper

146 100

111 40.9 34.2 51.2

148 63.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 40.483 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

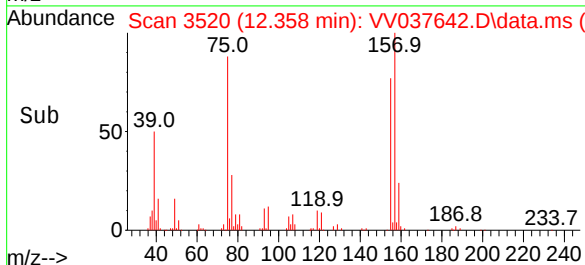
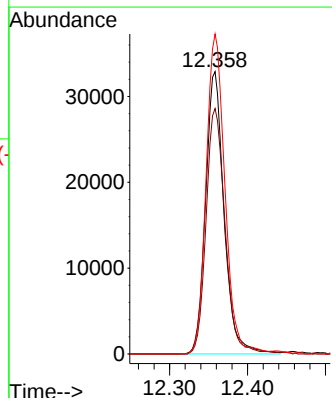
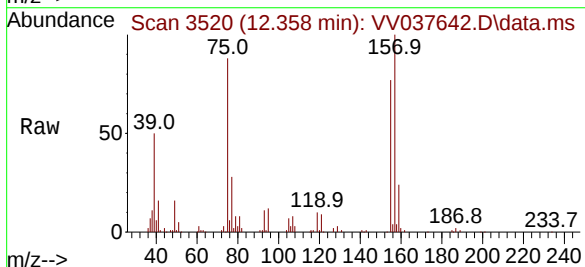
Tgt Ion: 75 Resp: 54221

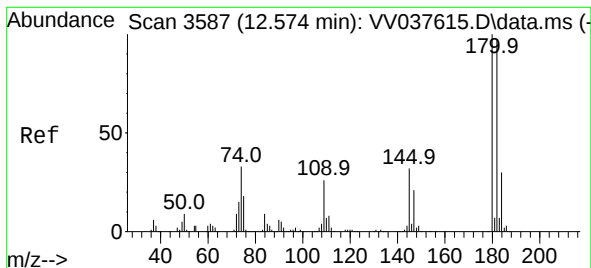
Ion Ratio Lower Upper

75 100

155 86.9 66.2 99.4

157 113.3 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 47.622 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

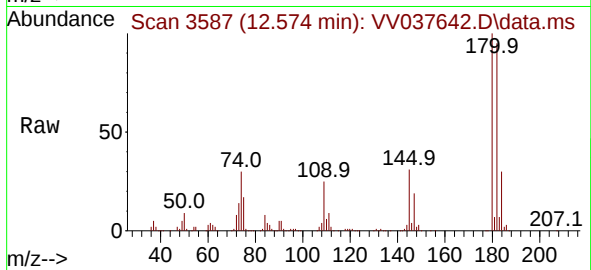
Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 397374

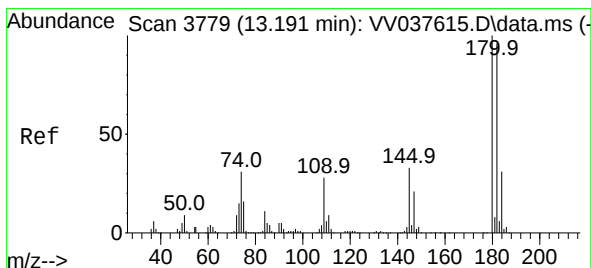
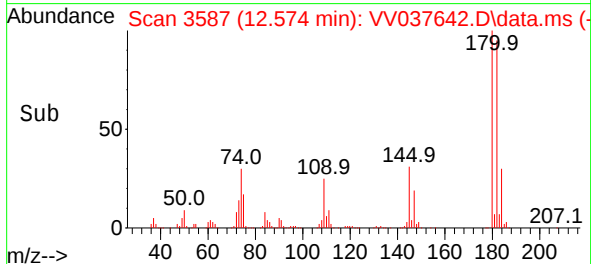
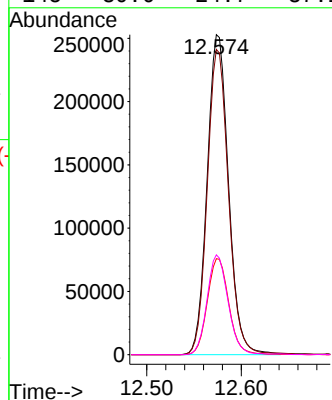
Ion Ratio Lower Upper

180 100

182 94.8 75.6 113.4

184 30.1 23.8 35.6

145 30.6 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 45.591 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

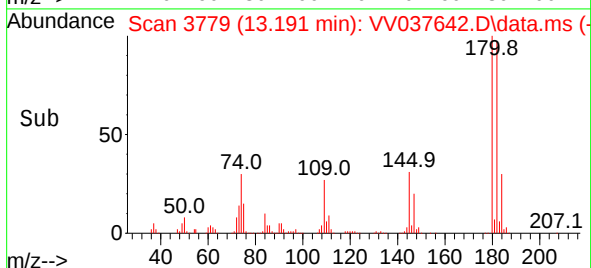
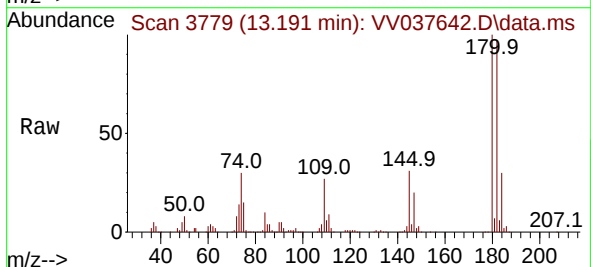
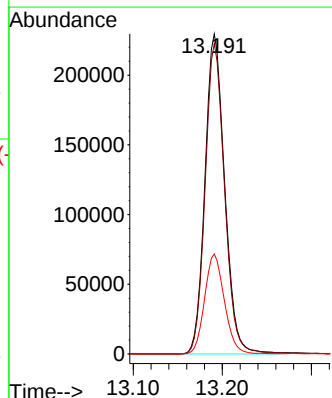
Tgt Ion:180 Resp: 352955

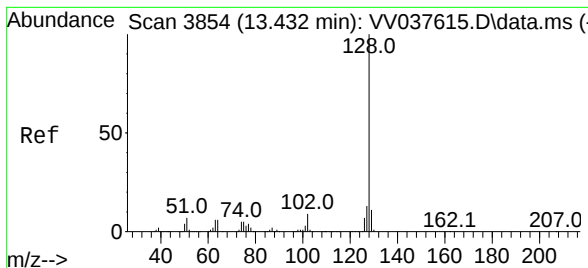
Ion Ratio Lower Upper

180 100

182 95.0 75.9 113.9

145 31.2 25.4 38.2





#71

Naphthalene

Concen: 40.607 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

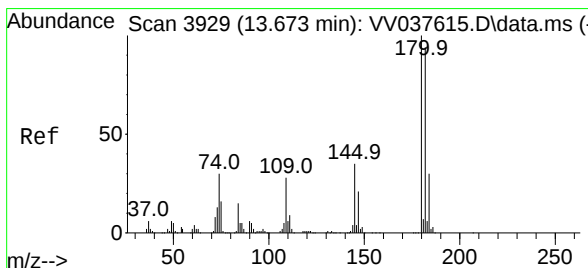
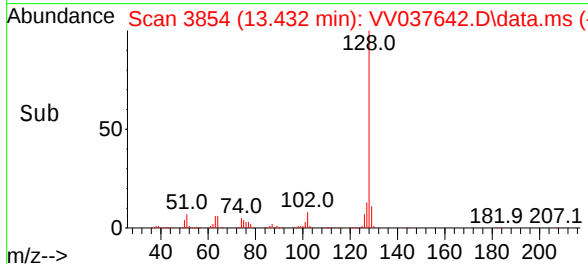
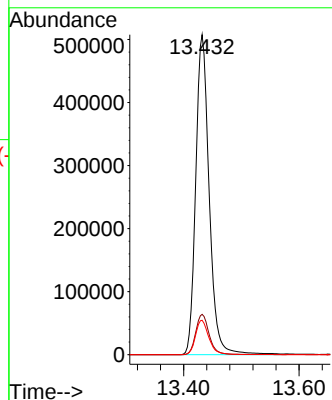
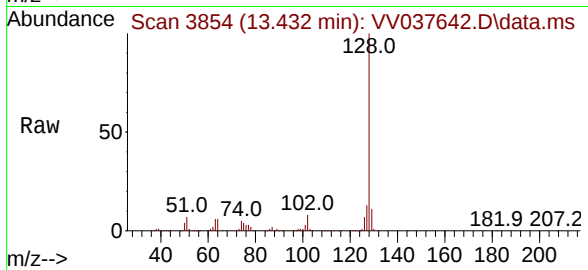
Tgt Ion:128 Resp: 821344

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 44.863 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037642.D

Acq: 30 Sep 2024 10:06

Tgt Ion:180 Resp: 342989

Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.8

145 33.3 26.2 39.4

