

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037539.D
 Acq On : 26 Sep 2024 11:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 00:45:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:39:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	676386	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	656757	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	355991	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	301583	50.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.580%
7) Chloroethane-d5	1.532	69	233526	50.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.340%
11) 1,1-Dichloroethene-d2	2.060	65	126750	51.095	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.200%
21) 2-Butanone-d5	3.789	46	202293	95.653	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.650%
24) Chloroform-d	4.243	84	540714	51.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.380%
26) 1,2-Dichloroethane-d4	4.934	65	314466	50.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.720%
32) Benzene-d6	4.953	84	1060887	51.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.240%
36) 1,2-Dichloropropane-d6	5.982	67	328422	50.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.380%
41) Toluene-d8	7.236	98	981090	52.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.300%
43) trans-1,3-Dichloroprop...	7.548	79	156755	51.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.120%
47) 2-Hexanone-d5	8.021	63	147898	107.029	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.030%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	387895	51.013	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.020%
66) 1,2-Dichlorobenzene-d4	11.554	152	375372	50.040	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	293784	51.021	ug/L	99
3) Chloromethane	1.217	50	279310	49.964	ug/L	100
5) Vinyl chloride	1.285	62	294963	49.217	ug/L	99
6) Bromomethane	1.487	94	165317	49.706	ug/L	100
8) Chloroethane	1.548	64	178798	48.403	ug/L	99
9) Trichlorofluoromethane	1.712	101	407287	50.487	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	240330	49.854	ug/L	99
12) 1,1-Dichloroethene	2.069	96	224693	49.898	ug/L	92
13) Acetone	2.111	43	151878	73.258	ug/L	98
14) Carbon disulfide	2.240	76	685413	48.763	ug/L	100
15) Methyl Acetate	2.371	43	184656	51.038	ug/L	99
16) Methylene chloride	2.442	84	245539	48.158	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	238042	49.969	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	686134	50.202	ug/L	100
19) 1,1-Dichloroethane	3.105	63	452494	49.576	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	271073	50.849	ug/L	99
22) 2-Butanone	3.873	43	205054	89.360	ug/L	97
23) Bromochloromethane	4.137	128	136940	49.659	ug/L	97
25) Chloroform	4.269	83	469579	49.691	ug/L	99

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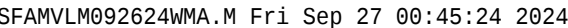
Instrument :
 MSVOA_V
 ClientSampleId :

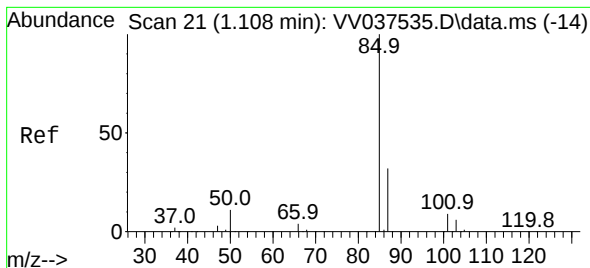
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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:39:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	336578	50.452	ug/L	99
29) Cyclohexane	4.574	56	378364	50.741	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	404294	49.982	ug/L	99
31) Carbon tetrachloride	4.725	117	352347	50.103	ug/L	99
33) Benzene	5.002	78	1000413	50.508	ug/L	100
34) Trichloroethene	5.825	95	265097	50.257	ug/L	98
35) Methylcyclohexane	6.043	83	409575	50.473	ug/L	99
37) 1,2-Dichloropropane	6.088	63	254069	49.674	ug/L	99
38) Bromodichloromethane	6.426	83	342559	50.101	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	417914	51.186	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	450605	108.202	ug/L	100
42) Toluene	7.307	91	1070952	52.156	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	372074	50.618	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	250144	50.934	ug/L	99
46) Tetrachloroethene	7.899	164	200622	49.745	ug/L	98
48) 2-Hexanone	8.072	43	313528	96.821	ug/L	98
49) Dibromochloromethane	8.172	129	262795	50.558	ug/L	97
50) 1,2-Dibromoethane	8.275	107	259329	51.082	ug/L	97
51) Chlorobenzene	8.809	112	689038	49.253	ug/L	99
52) Ethylbenzene	8.940	91	1190967	51.526	ug/L	99
53) m,p-Xylene	9.066	106	452930	52.652	ug/L	99
54) o-Xylene	9.471	106	433744	51.647	ug/L	98
55) Styrene	9.487	104	783726	53.606	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	348145	50.845	ug/L	100
59) Bromoform	9.657	173	172931	49.702	ug/L	99
60) Isopropylbenzene	9.860	105	1184191	51.165	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	250859	49.522	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	955312	52.208	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	960275	52.745	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	556980	49.997	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	574272	49.506	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	548301	49.788	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	60595	49.278	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	379325	49.515	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	348673	49.055	ug/L	100
71) Naphthalene	13.432	128	955447	51.451	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	348960	49.716	ug/L	99

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

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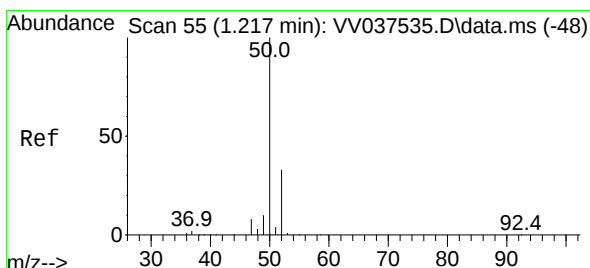
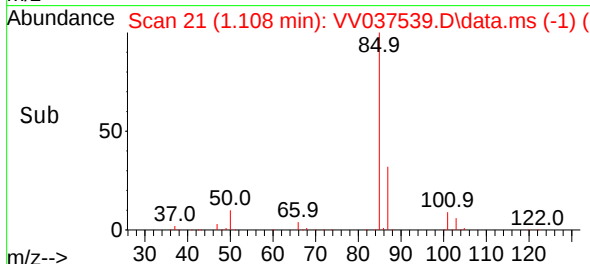
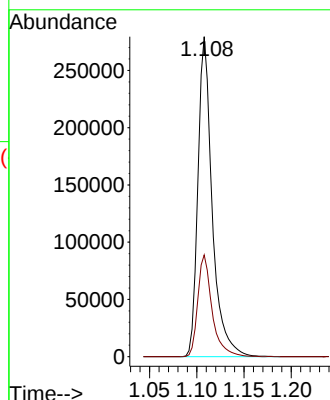
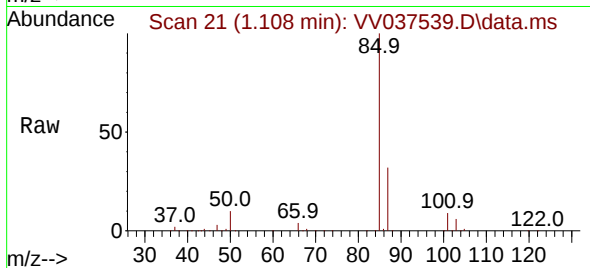




#2
 Dichlorodifluoromethane
 Concen: 51.021 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037539.D
 Acq: 26 Sep 2024 11:41

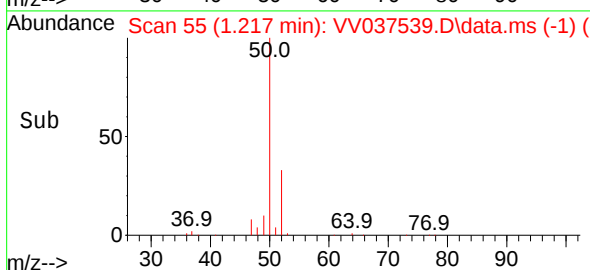
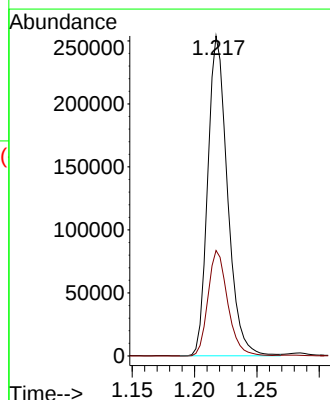
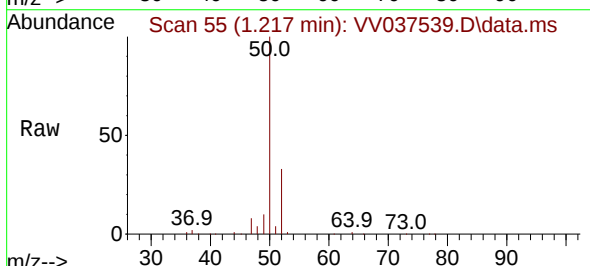
Instrument :
 MSVOA_V
 ClientSampleId :

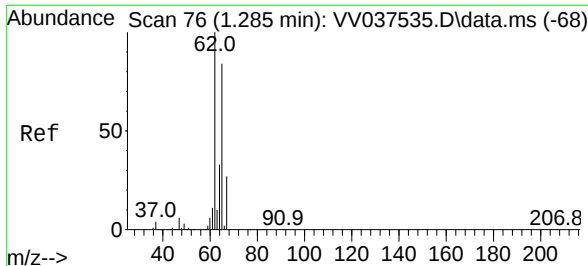
Tgt Ion: 85 Resp: 293784
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.8



#3
 Chloromethane
 Concen: 49.964 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037539.D
 Acq: 26 Sep 2024 11:41

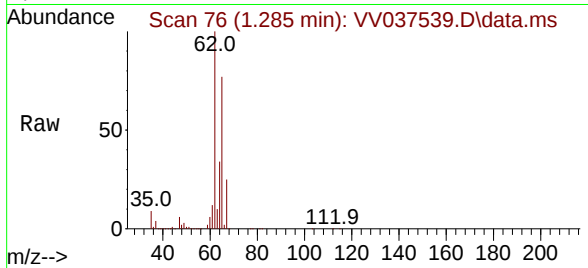
Tgt Ion: 50 Resp: 279310
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2



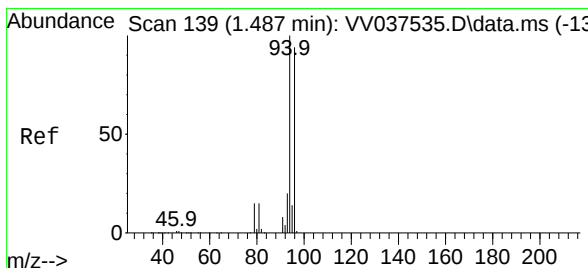
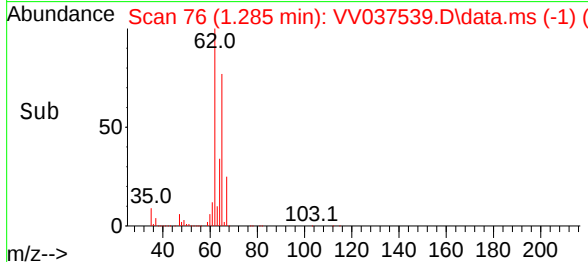
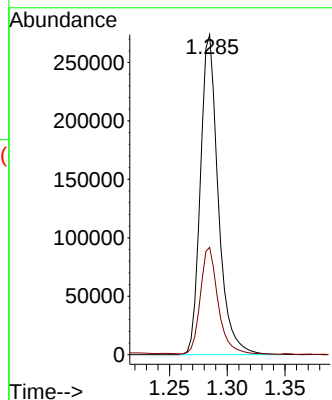


#5
 Vinyl chloride
 Concen: 49.217 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037539.D
 Acq: 26 Sep 2024 11:41

Instrument :
 MSVOA_V
 ClientSampleId :

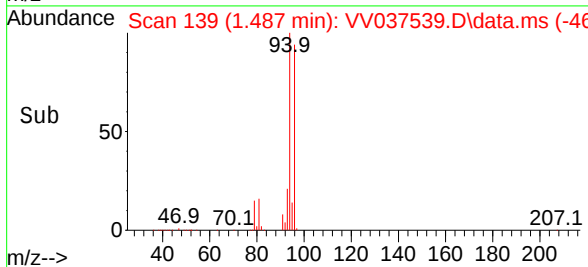
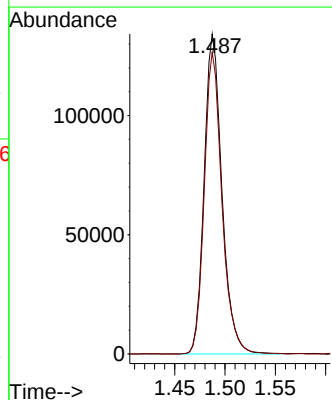
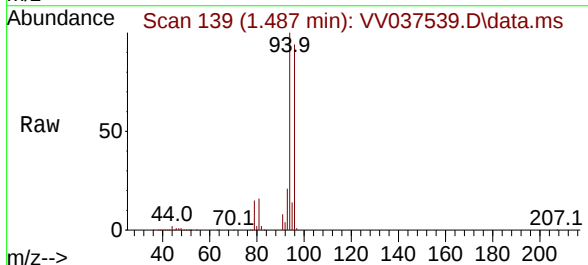


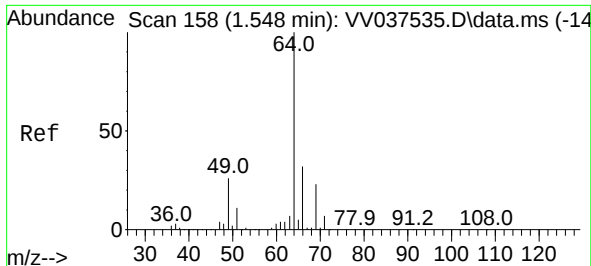
Tgt Ion: 62 Resp: 294963
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.0



#6
 Bromomethane
 Concen: 49.706 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037539.D
 Acq: 26 Sep 2024 11:41

Tgt Ion: 94 Resp: 165317
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.8 122.2

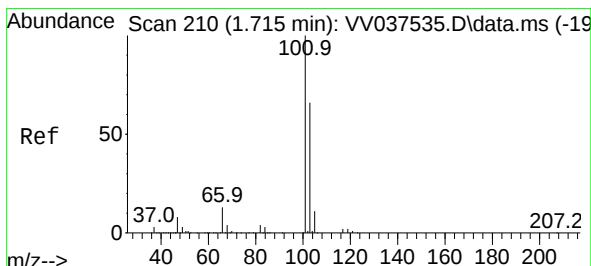
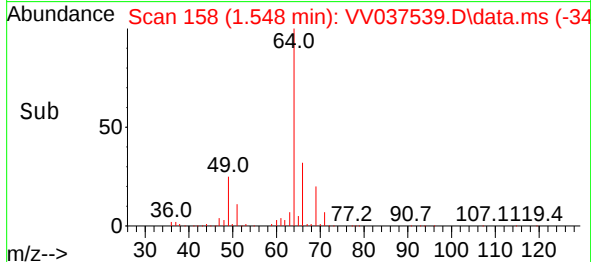
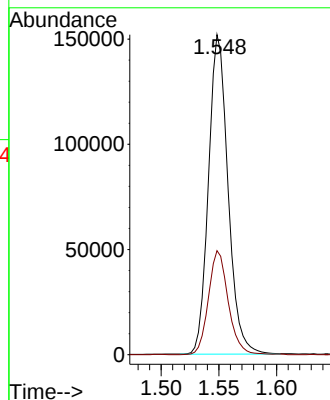
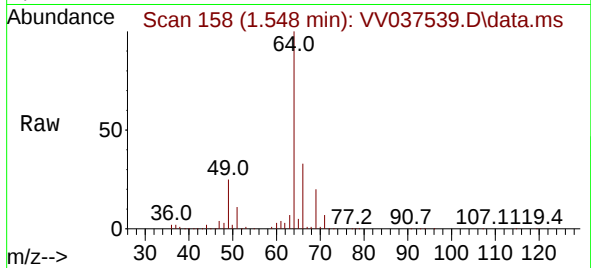




#8
Chloroethane
Concen: 48.403 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

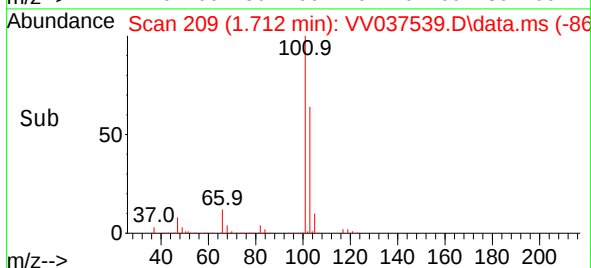
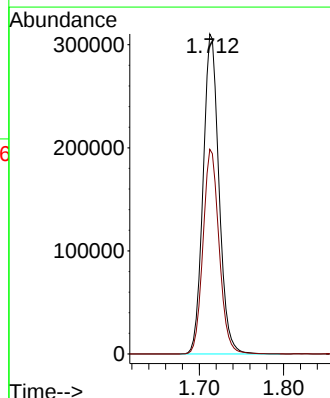
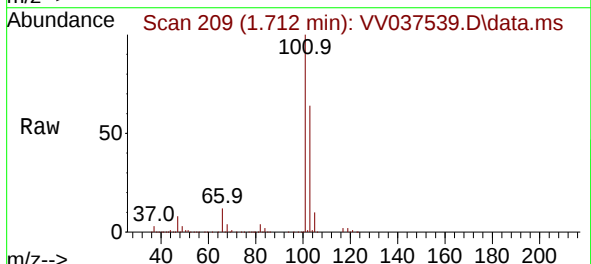
Instrument :
MSVOA_V
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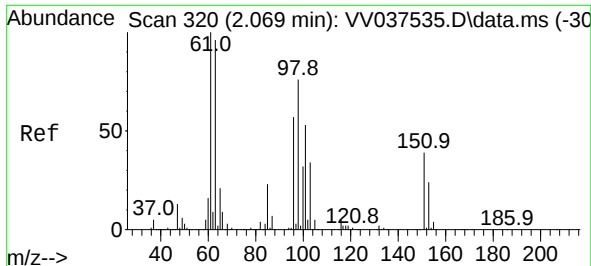
Tgt Ion: 64 Resp: 178798
Ion Ratio Lower Upper
64 100
66 32.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 50.487 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Tgt Ion:101 Resp: 407287
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4





#10

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

Concen: 49.854 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

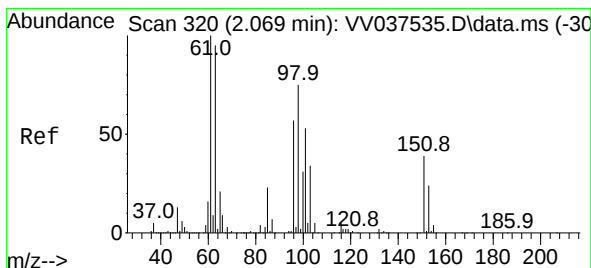
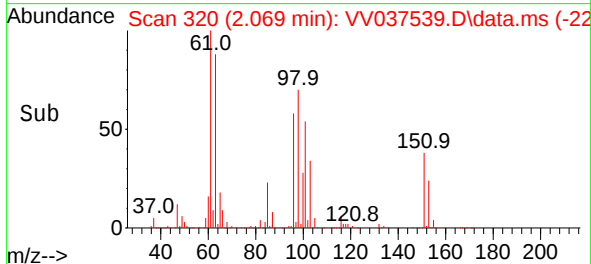
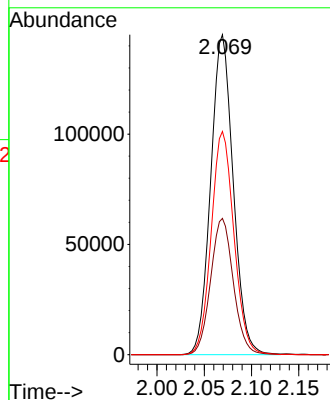
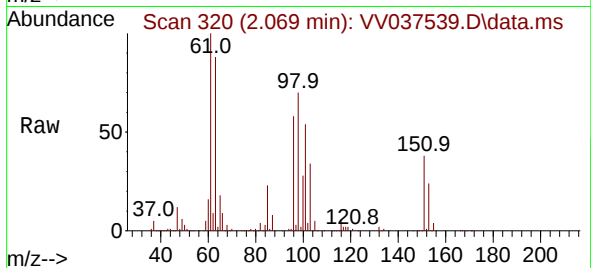
Tgt Ion:101 Resp: 240330

Ion Ratio Lower Upper

101 100

85 43.0 34.6 52.0

151 70.5 57.5 86.3



#12

1,1-Dichloroethene

Concen: 49.898 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

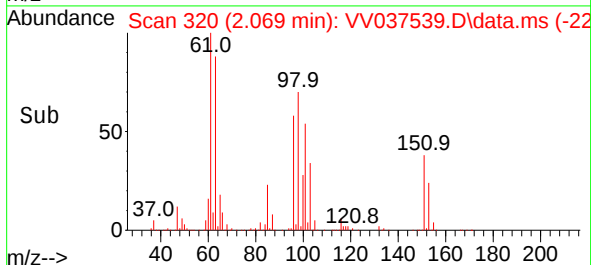
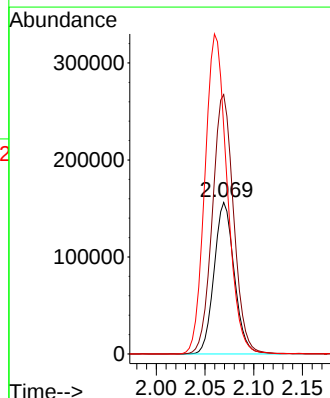
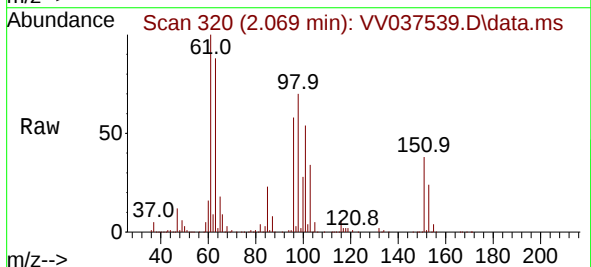
Tgt Ion: 96 Resp: 224693

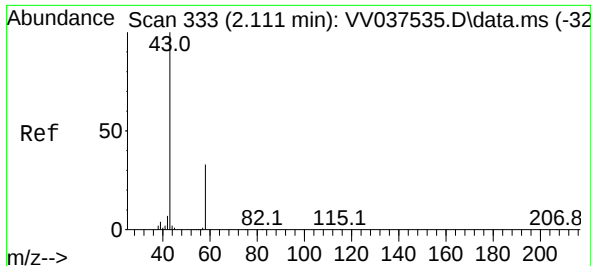
Ion Ratio Lower Upper

96 100

61 171.1 122.6 227.6

63 149.8 118.0 219.2





#13

Acetone

Concen: 73.258 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

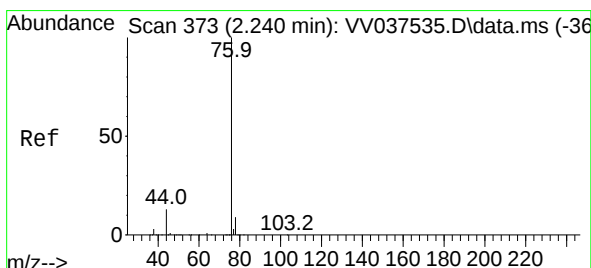
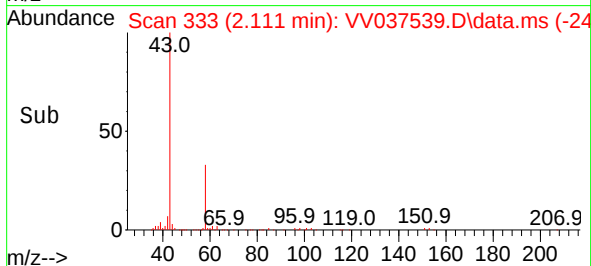
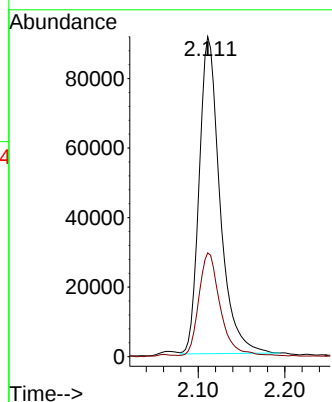
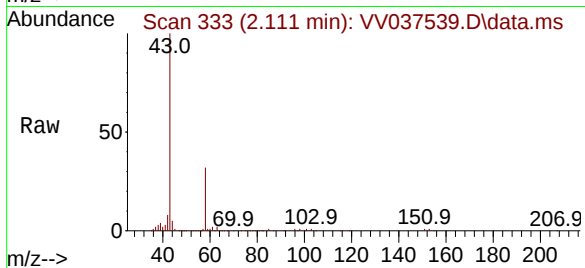
ClientSampleId :

Tgt Ion: 43 Resp: 151878

Ion Ratio Lower Upper

43 100

58 34.2 0.0 66.6



#14

Carbon disulfide

Concen: 48.763 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037539.D

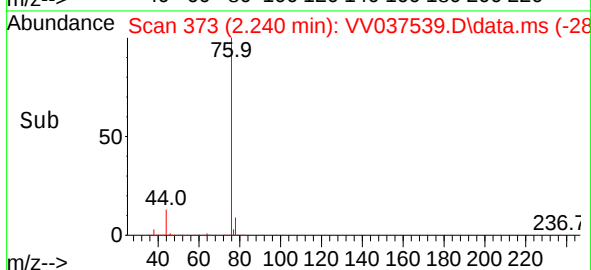
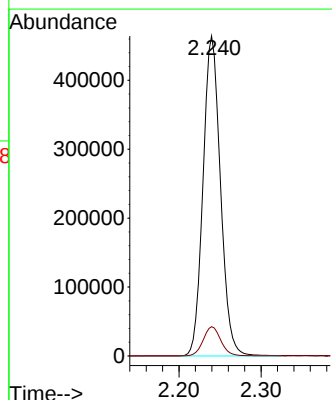
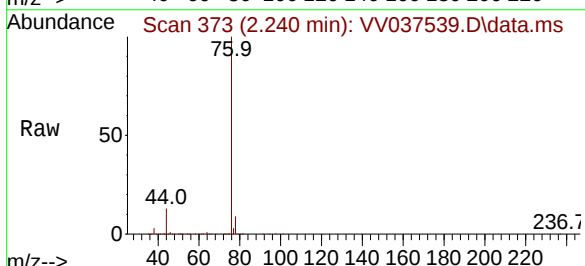
Acq: 26 Sep 2024 11:41

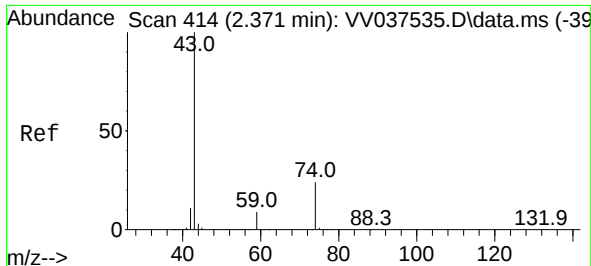
Tgt Ion: 76 Resp: 685413

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 51.038 ug/L

RT: 2.371 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

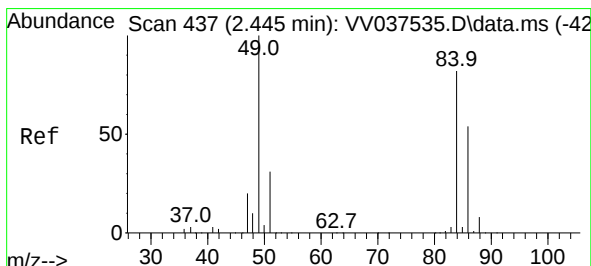
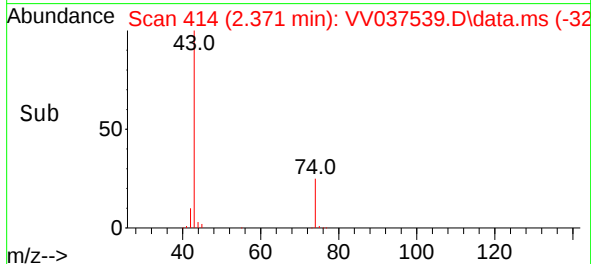
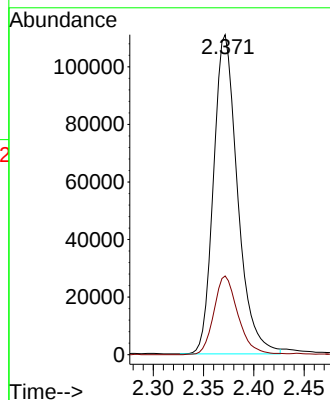
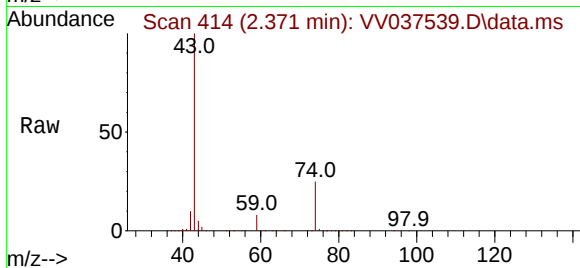
ClientSampleId :

Tgt Ion: 43 Resp: 184656

Ion Ratio Lower Upper

43 100

74 24.6 19.4 29.0



#16

Methylene chloride

Concen: 48.158 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

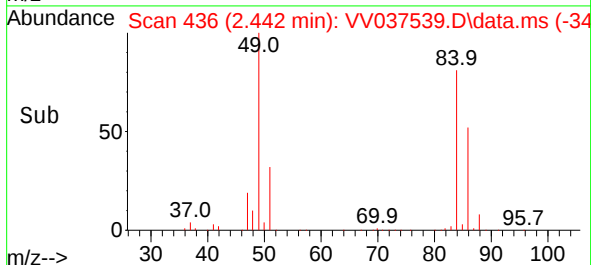
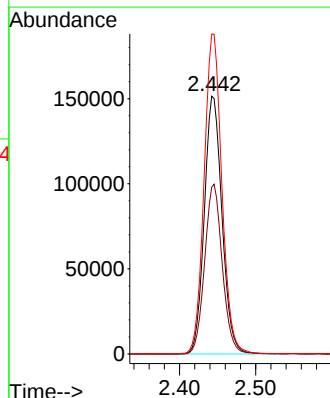
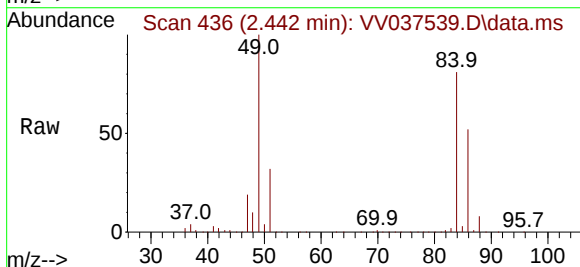
Tgt Ion: 84 Resp: 245539

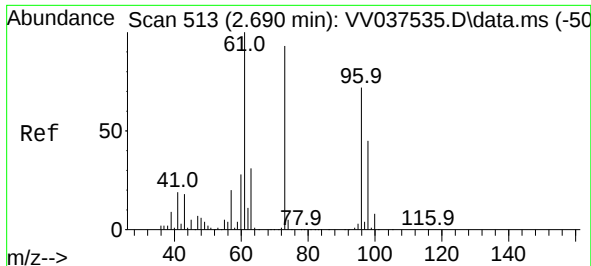
Ion Ratio Lower Upper

84 100

86 64.8 46.4 86.2

49 124.1 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 49.969 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

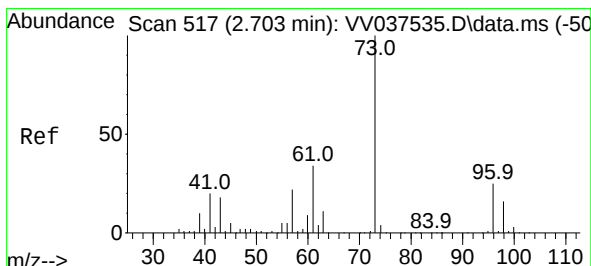
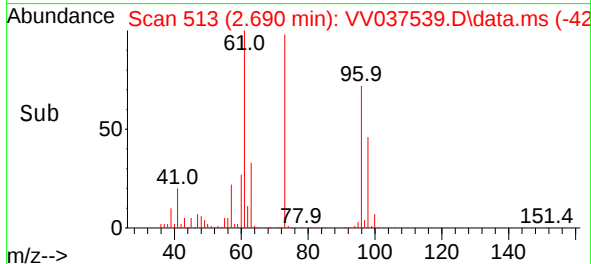
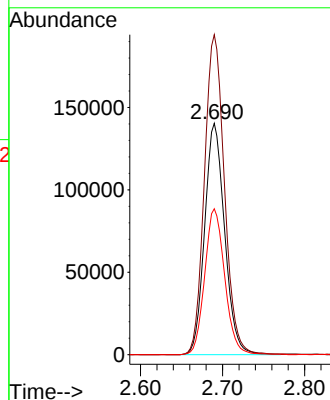
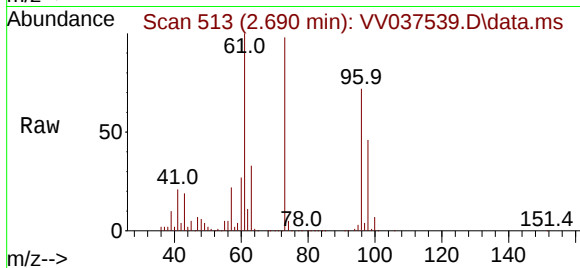
Tgt Ion: 96 Resp: 238042

Ion Ratio Lower Upper

96 100

61 138.3 97.3 180.7

98 63.1 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 50.202 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

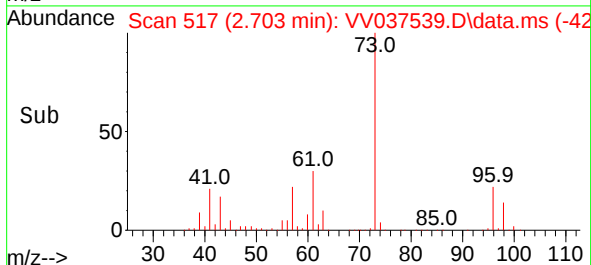
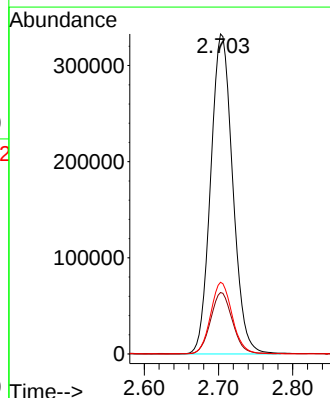
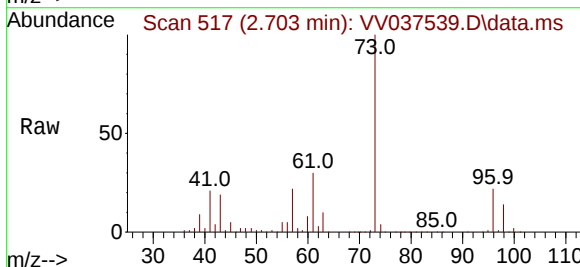
Tgt Ion: 73 Resp: 686134

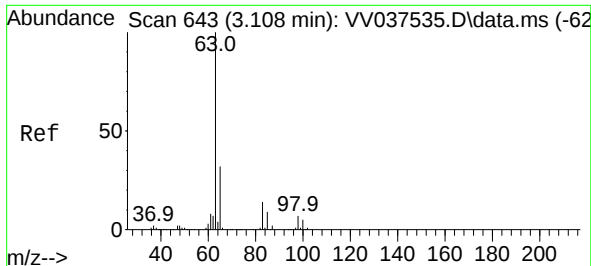
Ion Ratio Lower Upper

73 100

43 18.9 15.1 22.7

57 21.9 17.4 26.2

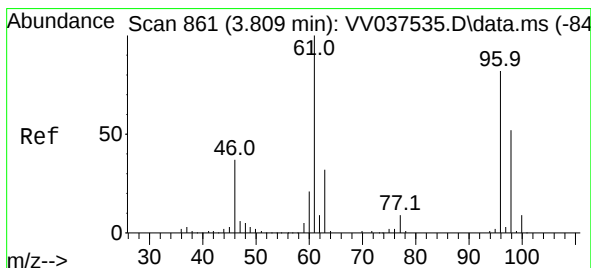
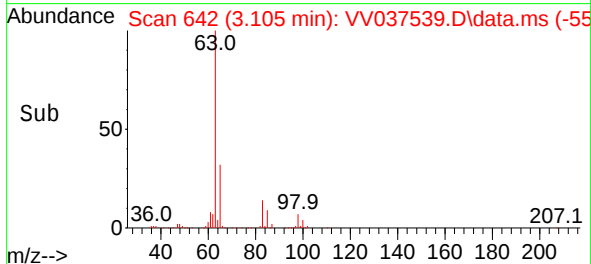
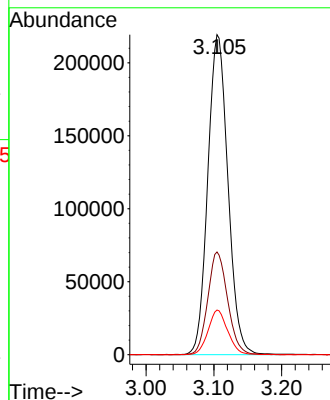
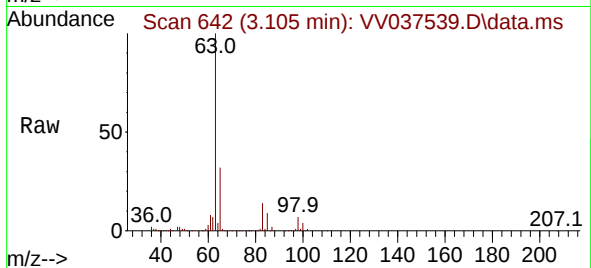




#19
1,1-Dichloroethane
Concen: 49.576 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

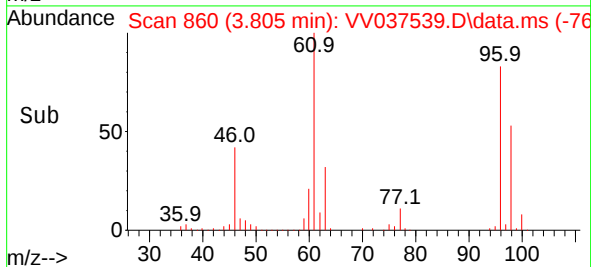
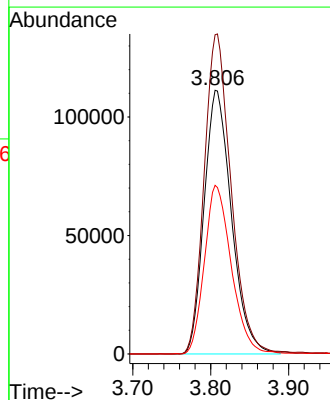
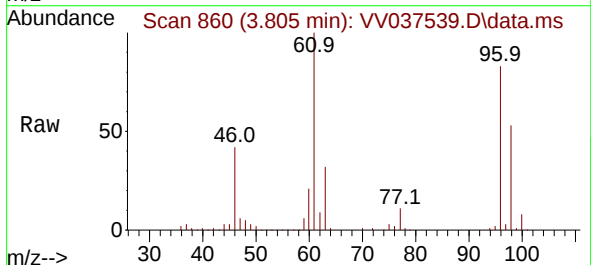
Instrument :
MSVOA_V
ClientSampleId :

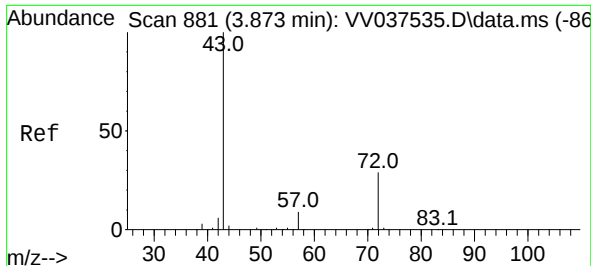
Tgt Ion: 63 Resp: 452494
Ion Ratio Lower Upper
63 100
65 32.1 22.4 41.6
83 13.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.849 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Tgt Ion: 96 Resp: 271073
Ion Ratio Lower Upper
96 100
61 121.1 85.0 157.8
98 64.0 44.2 82.0

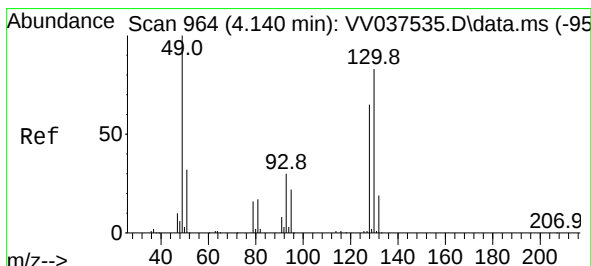
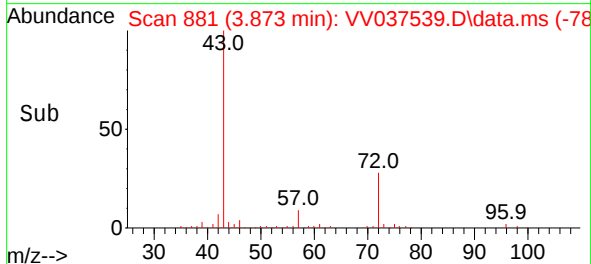
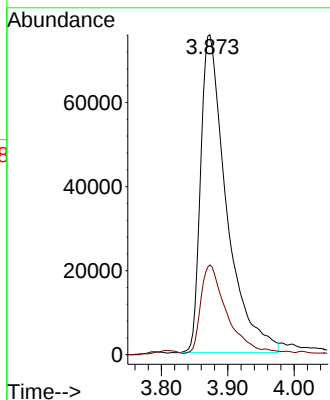
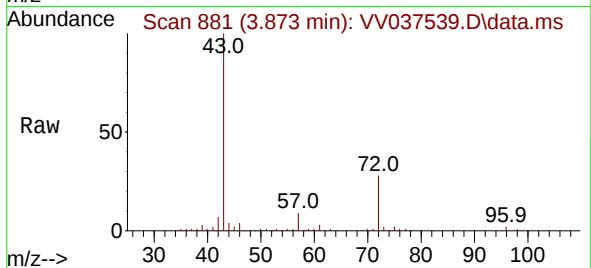




#22
2-Butanone
Concen: 89.360 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

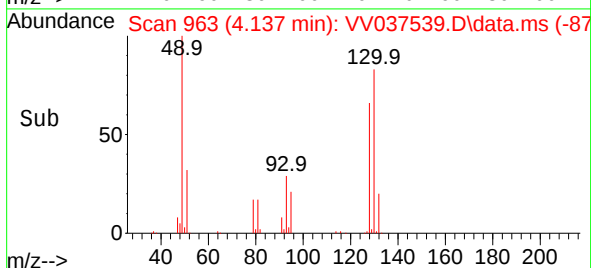
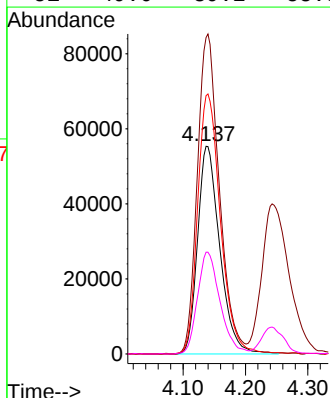
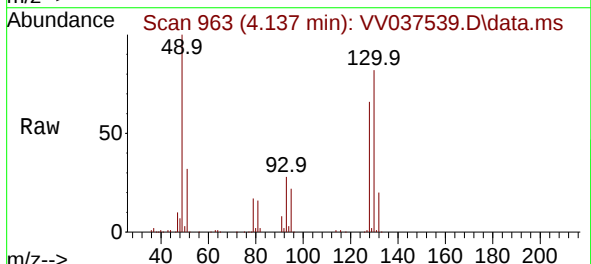
Instrument :
MSVOA_V
ClientSampleId :

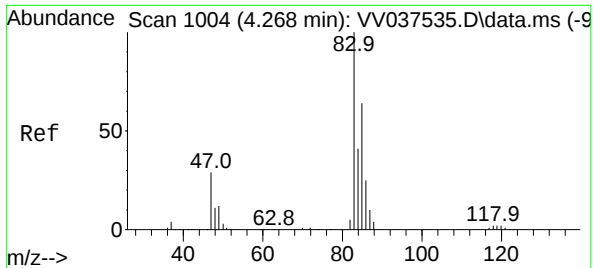
Tgt Ion: 43 Resp: 205054
Ion Ratio Lower Upper
43 100
72 27.1 14.3 42.9



#23
Bromochloromethane
Concen: 49.659 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.003 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Tgt Ion:128 Resp: 136940
Ion Ratio Lower Upper
128 100
49 152.3 108.7 201.9
130 124.3 90.4 168.0
51 49.0 39.2 58.8





#25

Chloroform

Concen: 49.691 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

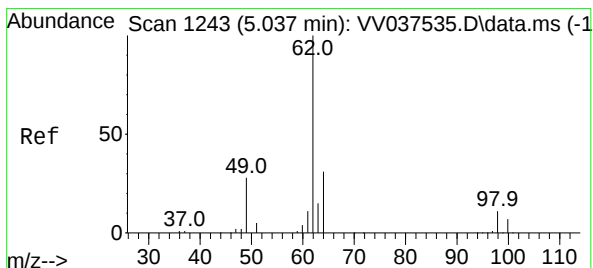
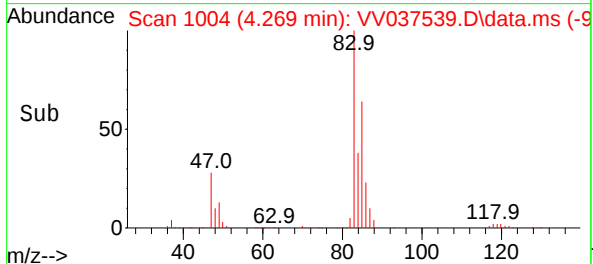
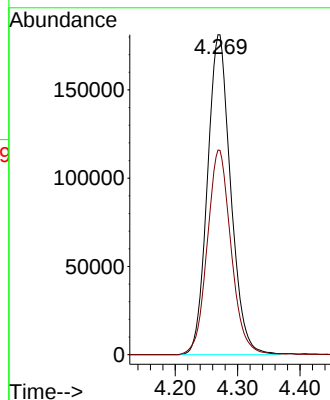
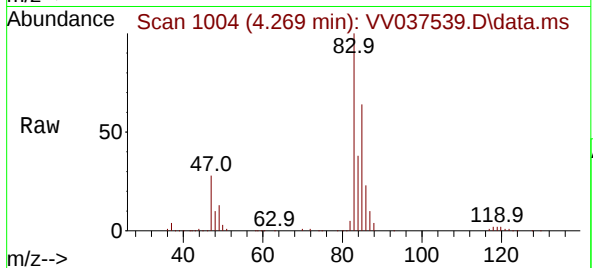
ClientSampleId :

Tgt Ion: 83 Resp: 469579

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7



#27

1,2-Dichloroethane

Concen: 50.452 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037539.D

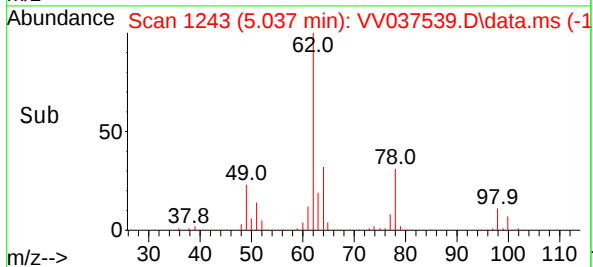
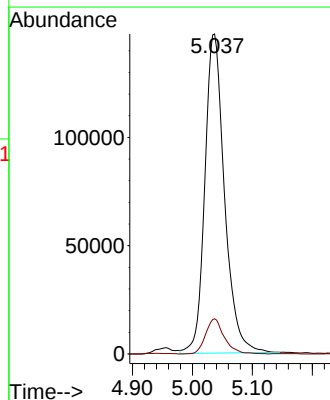
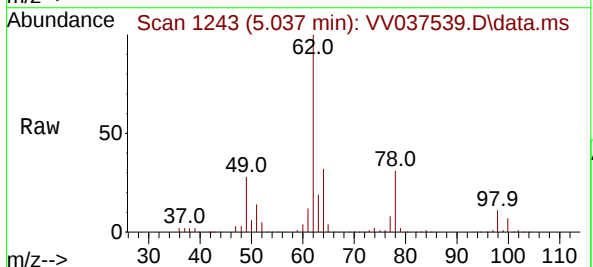
Acq: 26 Sep 2024 11:41

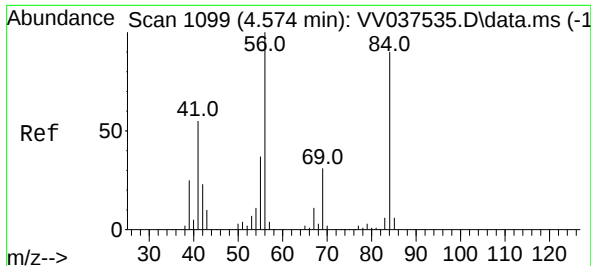
Tgt Ion: 62 Resp: 336578

Ion Ratio Lower Upper

62 100

98 11.0 8.4 12.6





#29

Cyclohexane

Concen: 50.741 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

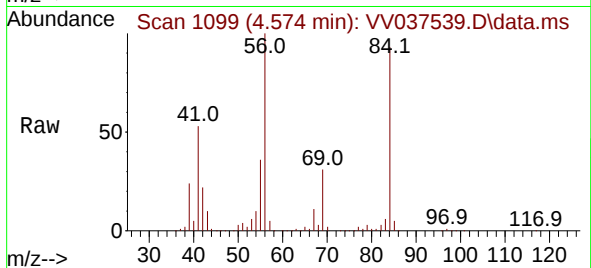
Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :



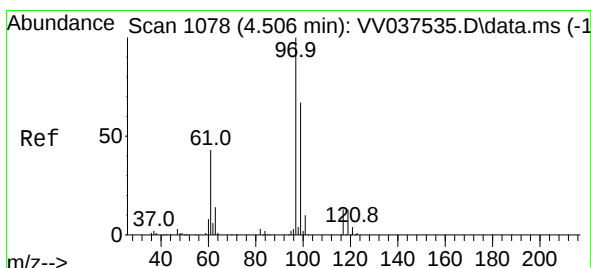
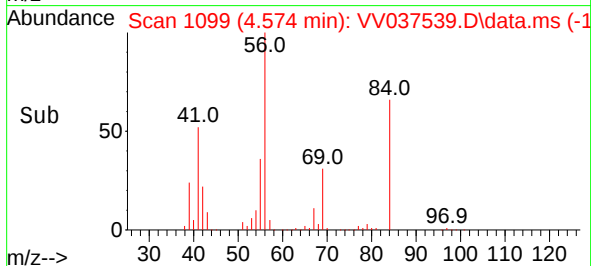
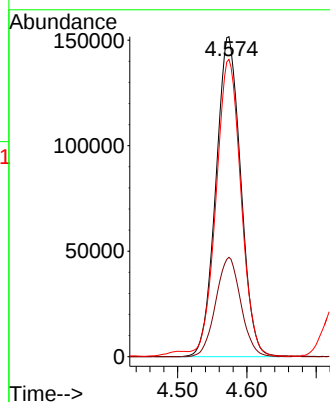
Tgt Ion: 56 Resp: 378364

Ion Ratio Lower Upper

56 100

69 31.3 24.7 37.1

84 92.9 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 49.982 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

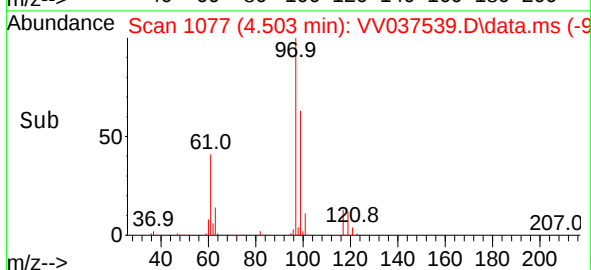
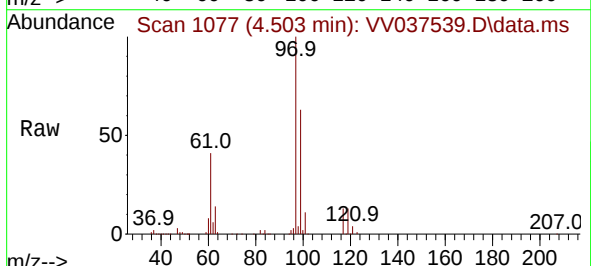
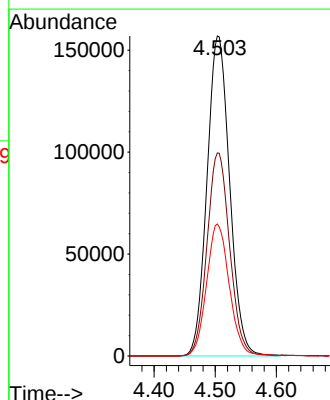
Tgt Ion: 97 Resp: 404294

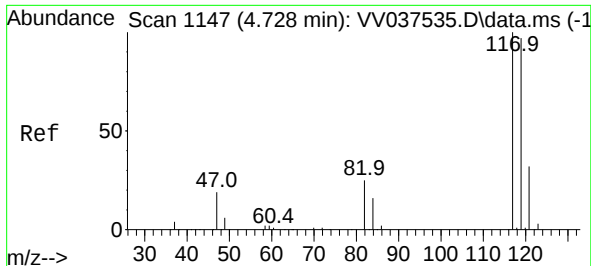
Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.6

61 41.3 33.6 50.4

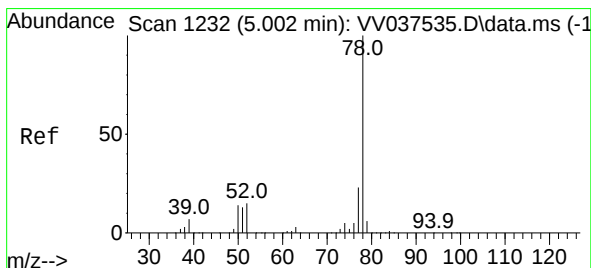
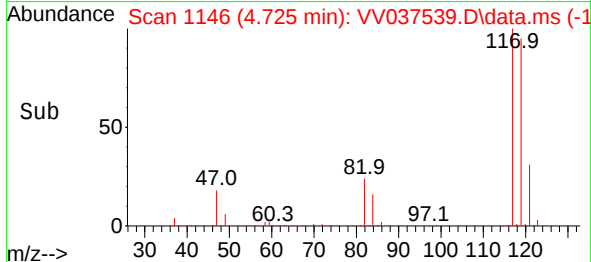
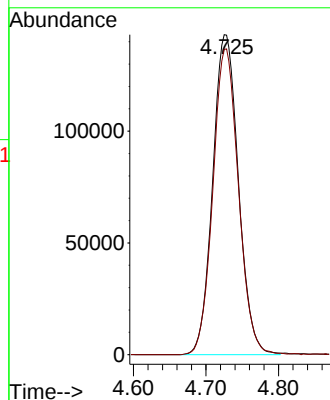
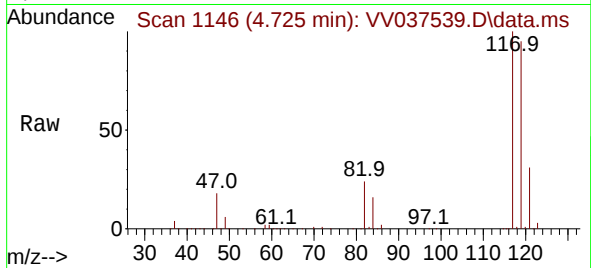




#31
Carbon tetrachloride
Concen: 50.103 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

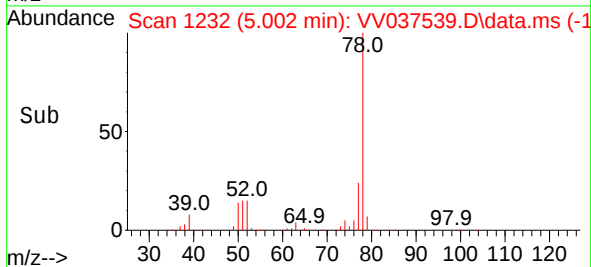
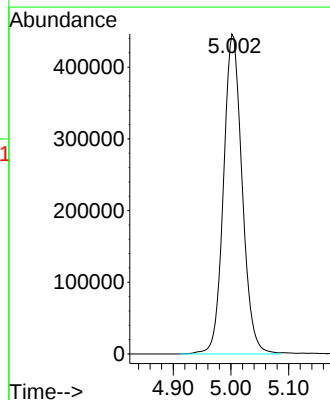
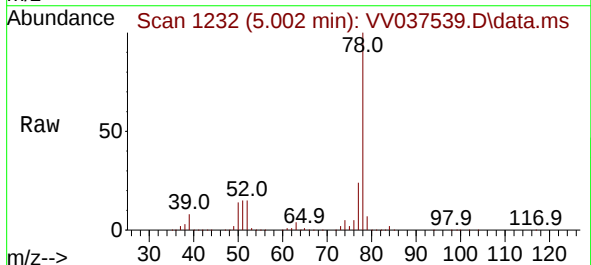
Instrument :
MSVOA_V
ClientSampleId :

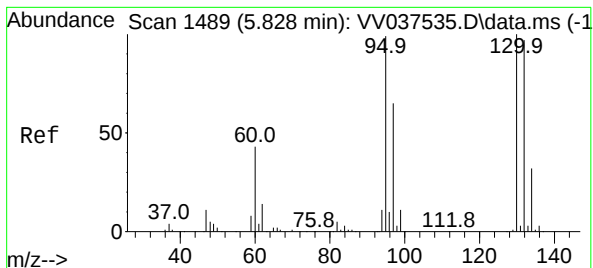
Tgt Ion:117 Resp: 352347
Ion Ratio Lower Upper
117 100
119 95.2 76.9 115.3



#33
Benzene
Concen: 50.508 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Tgt Ion: 78 Resp: 1000413





#34

Trichloroethene

Concen: 50.257 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 265097

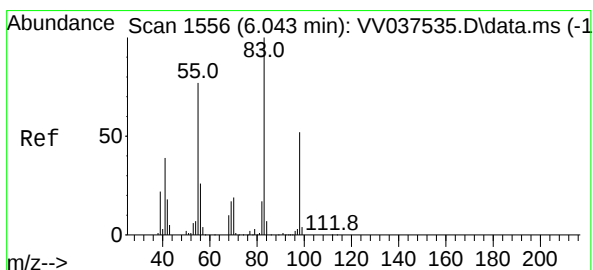
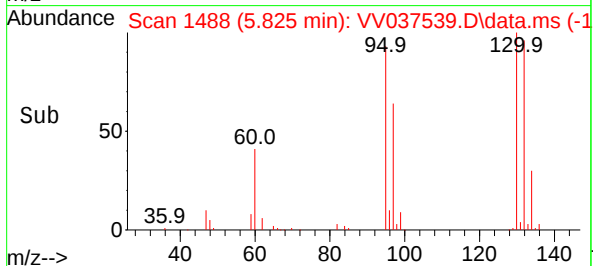
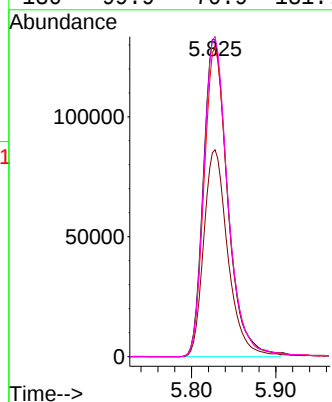
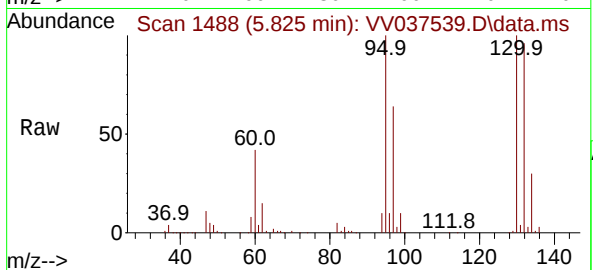
Ion Ratio Lower Upper

95 100

97 64.3 46.3 85.9

132 95.8 68.6 127.4

130 99.9 70.9 131.7



#35

Methylcyclohexane

Concen: 50.473 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

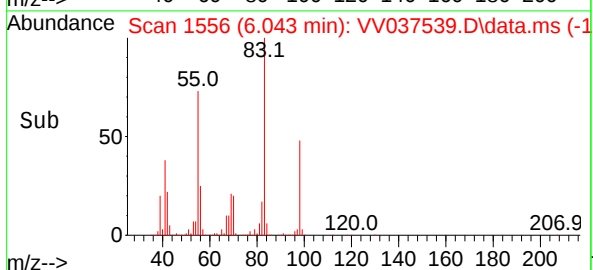
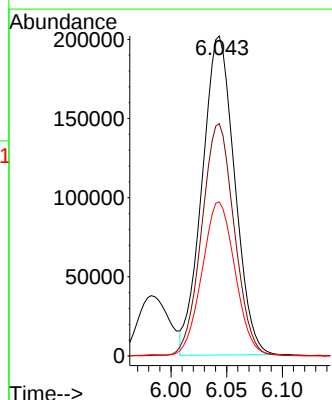
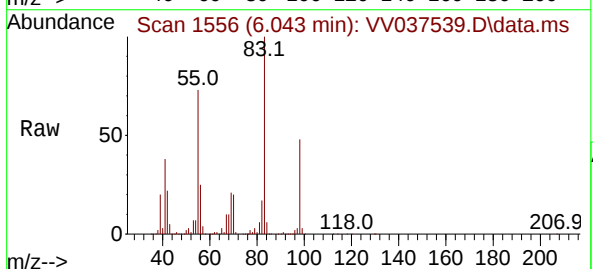
Tgt Ion: 83 Resp: 409575

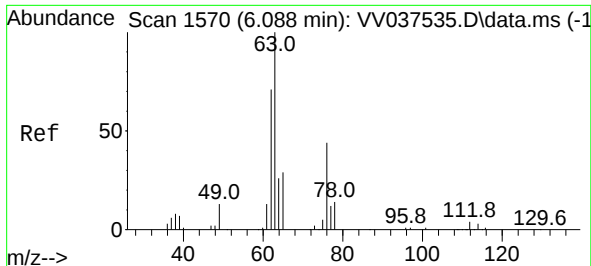
Ion Ratio Lower Upper

83 100

55 73.1 57.9 86.9

98 49.3 39.3 58.9

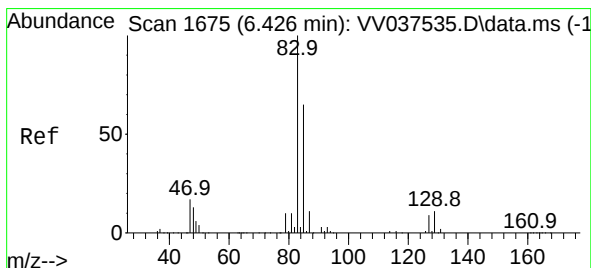
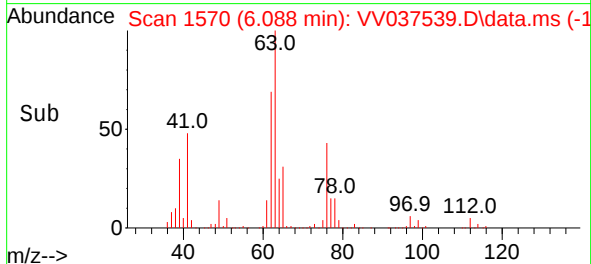
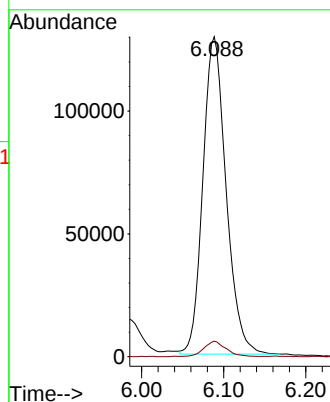
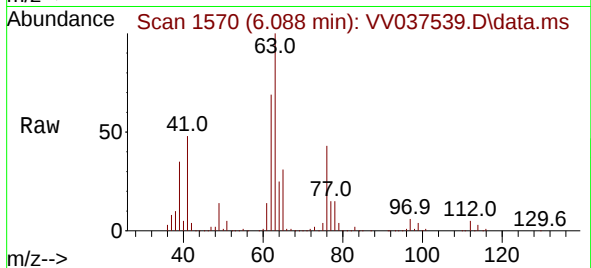




#37
1,2-Dichloropropane
Concen: 49.674 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

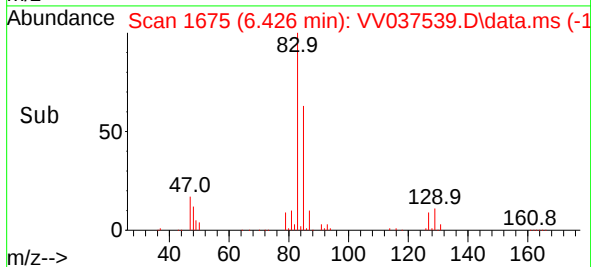
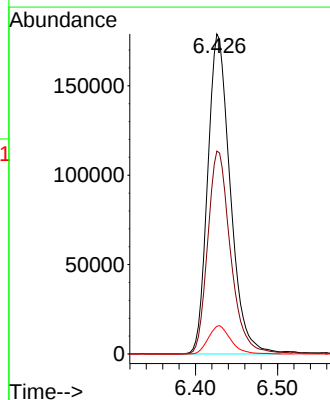
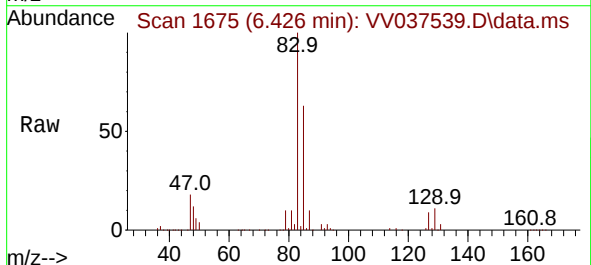
Instrument :
MSVOA_V
ClientSampleId :

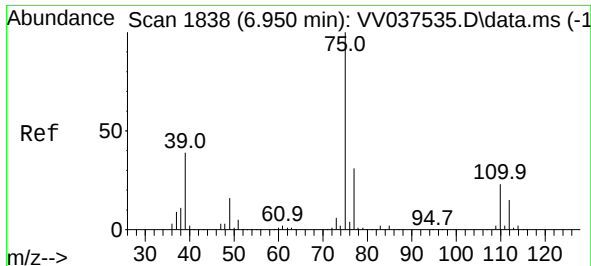
Tgt Ion: 63 Resp: 254069
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 50.101 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Tgt Ion: 83 Resp: 342559
Ion Ratio Lower Upper
83 100
85 63.4 45.7 84.9
127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 51.186 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

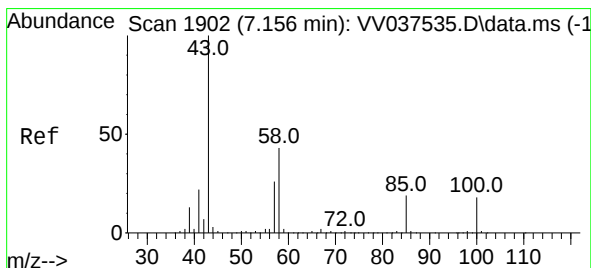
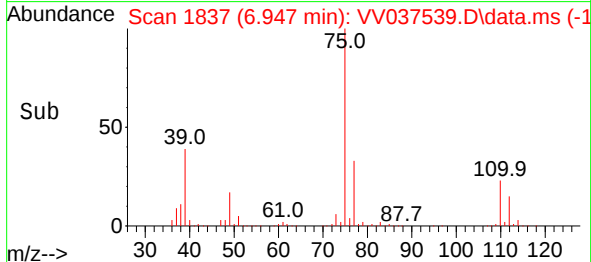
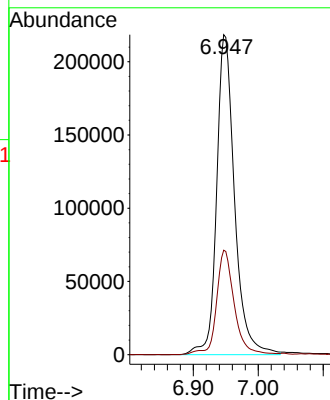
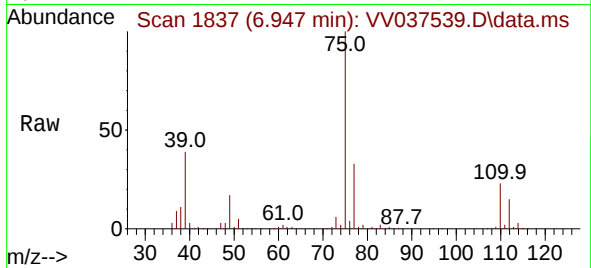
ClientSampleId :

Tgt Ion: 75 Resp: 417914

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 108.202 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

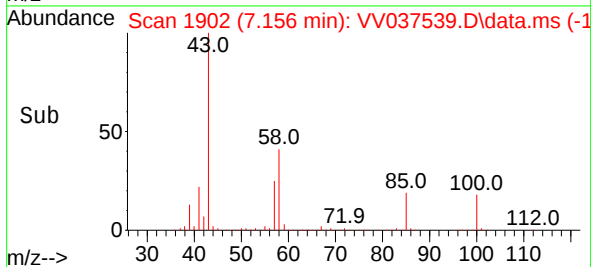
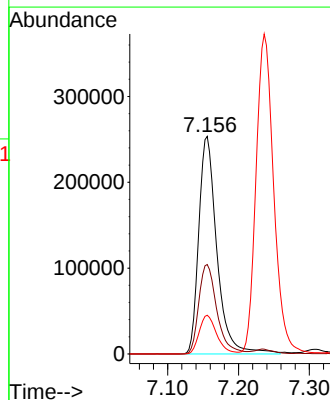
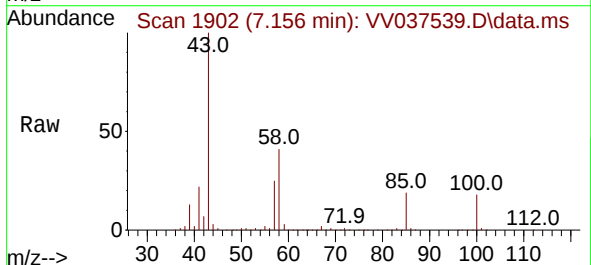
Tgt Ion: 43 Resp: 450605

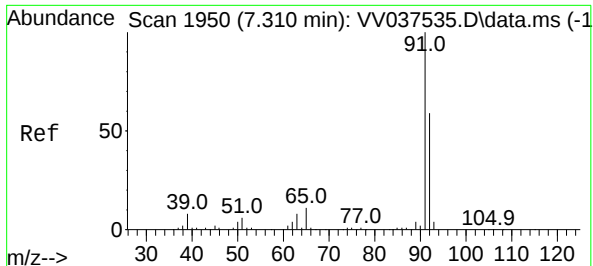
Ion Ratio Lower Upper

43 100

58 41.0 33.0 49.4

100 17.2 13.7 20.5





#42

Toluene

Concen: 52.156 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

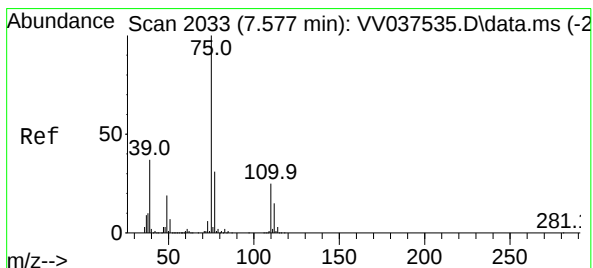
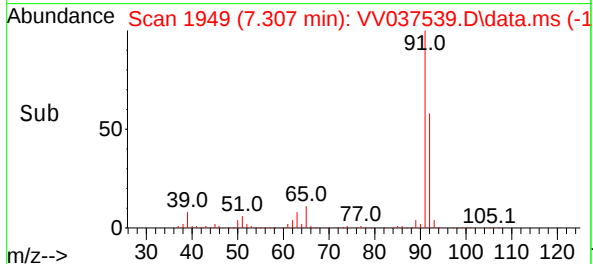
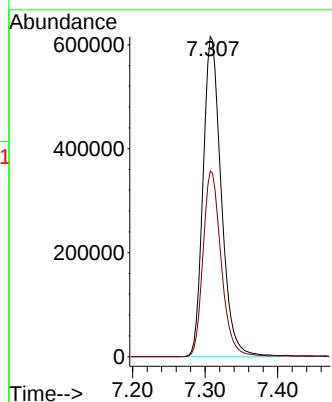
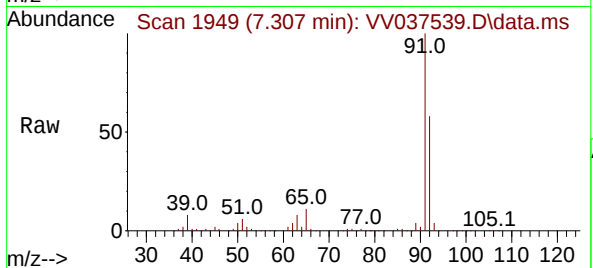
ClientSampleId :

Tgt Ion: 91 Resp: 1070952

Ion Ratio Lower Upper

91 100

92 58.0 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 50.618 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037539.D

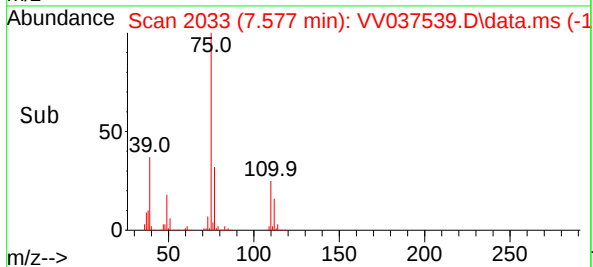
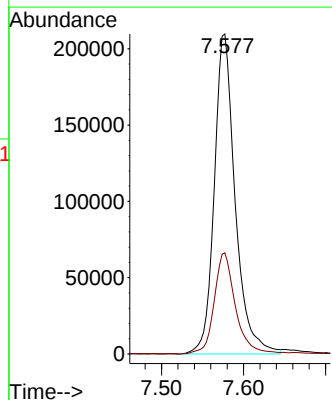
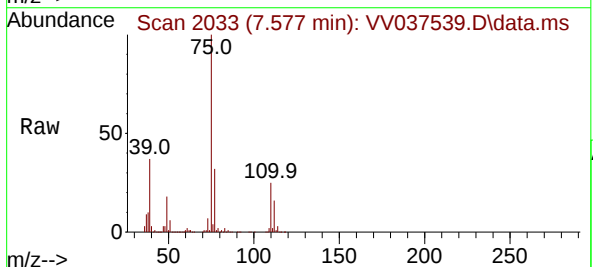
Acq: 26 Sep 2024 11:41

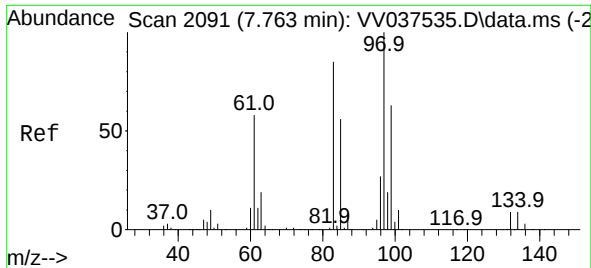
Tgt Ion: 75 Resp: 372074

Ion Ratio Lower Upper

75 100

77 31.6 21.9 40.7



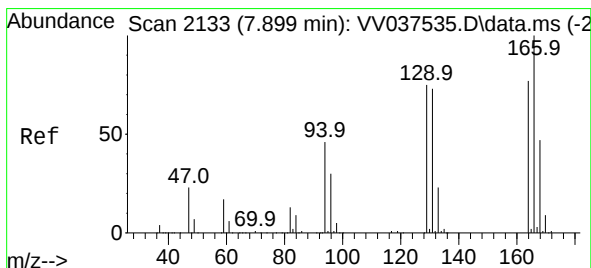
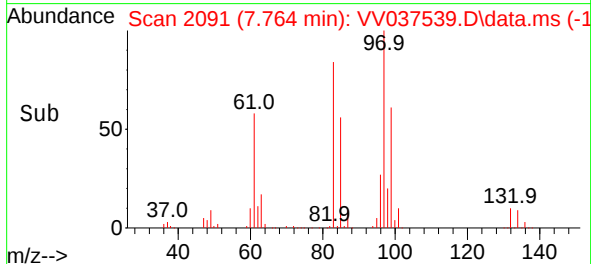
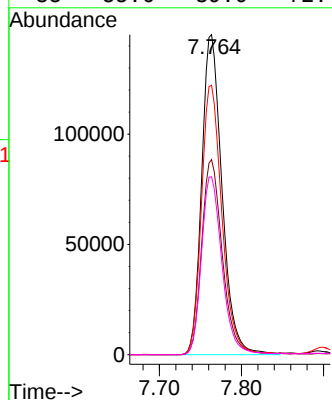
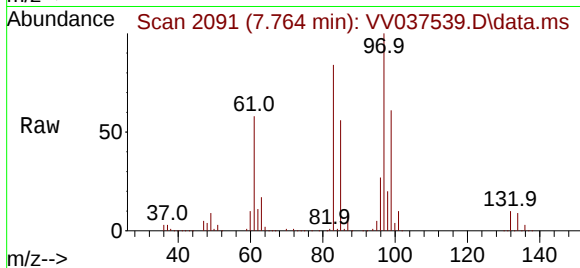


#45
1,1,2-Trichloroethane
Concen: 50.934 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 250144

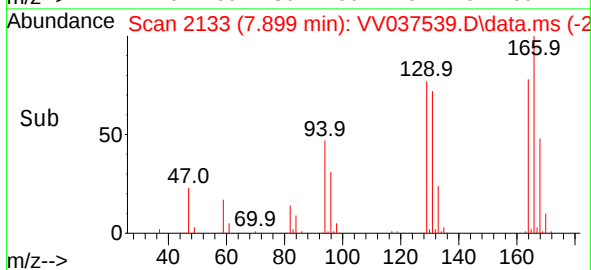
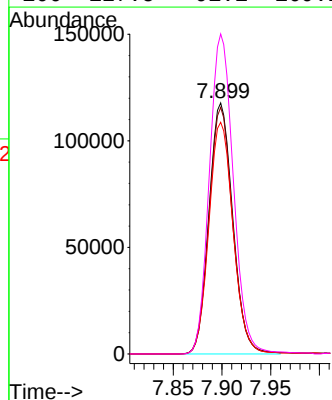
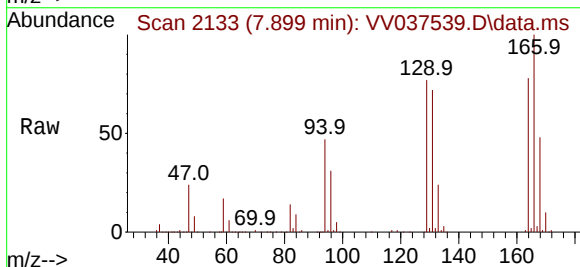
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.1	81.9
83	84.2	59.3	110.1
85	55.6	39.0	72.4

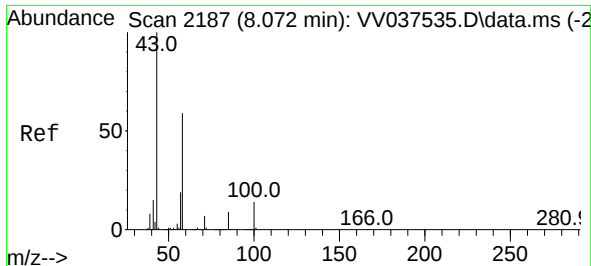


#46
Tetrachloroethene
Concen: 49.745 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Tgt Ion: 164 Resp: 200622

Ion	Ratio	Lower	Upper
164	100		
129	98.2	68.2	126.6
131	92.3	66.1	122.8
166	127.5	91.1	169.1



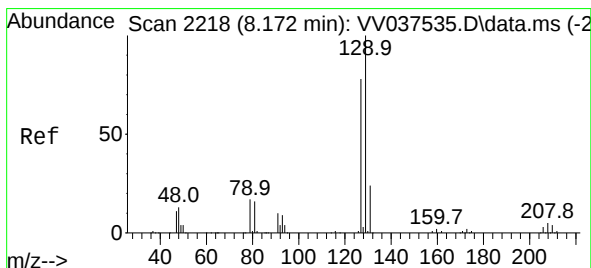
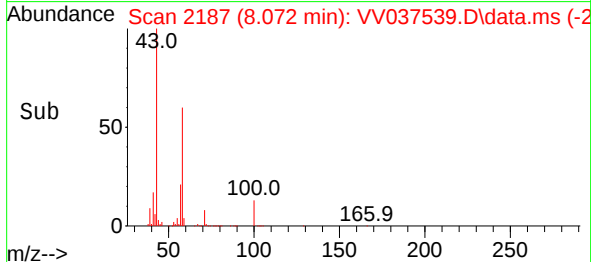
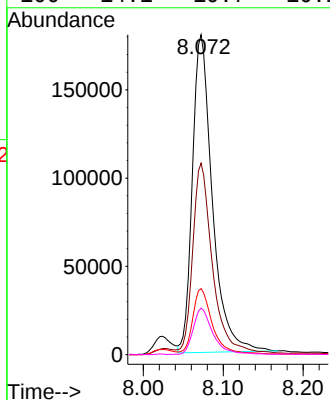
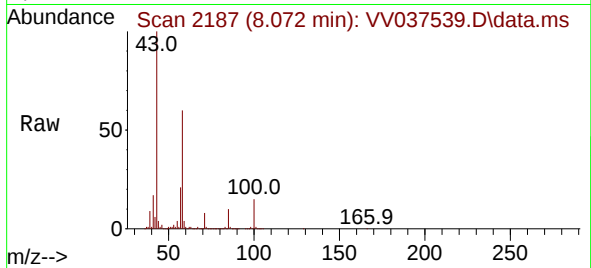


#48
2-Hexanone
Concen: 96.821 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 313528

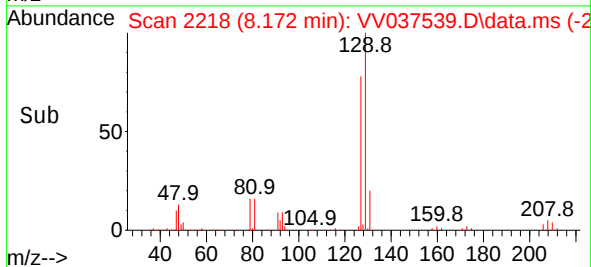
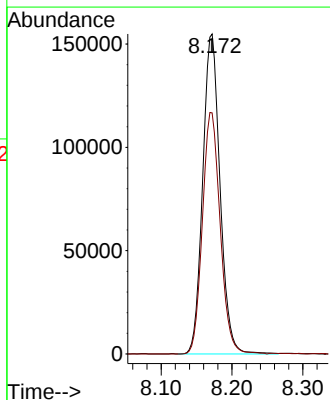
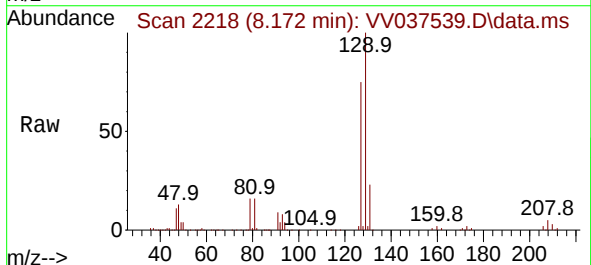
Ion	Ratio	Lower	Upper
43	100		
58	59.5	46.5	69.7
57	20.2	15.1	22.7
100	14.1	10.7	16.1

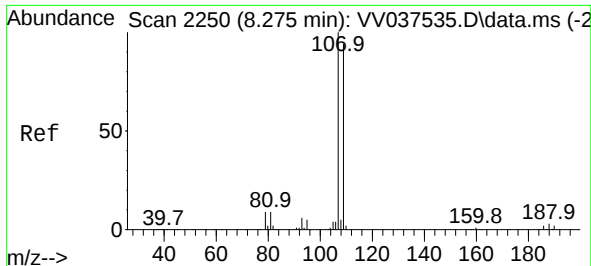


#49
Dibromochloromethane
Concen: 50.558 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Tgt Ion: 129 Resp: 262795

Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.9	101.9

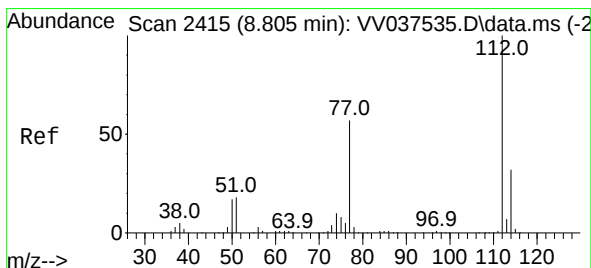
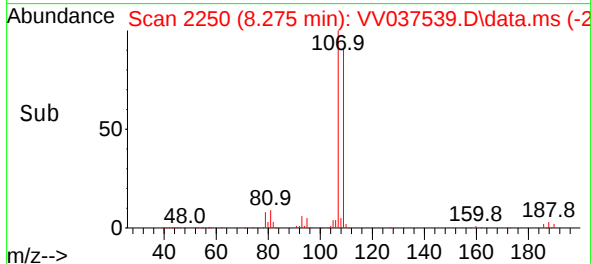
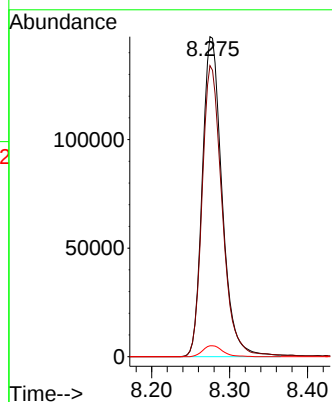
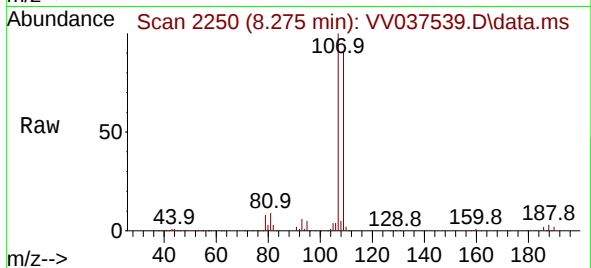




#50
1,2-Dibromoethane
Concen: 51.082 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

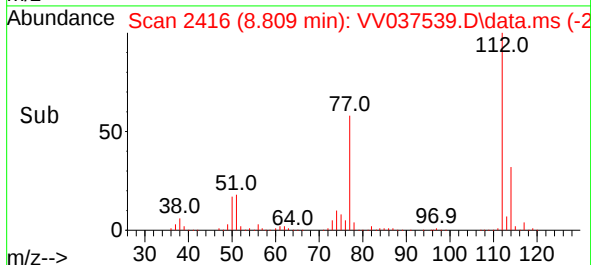
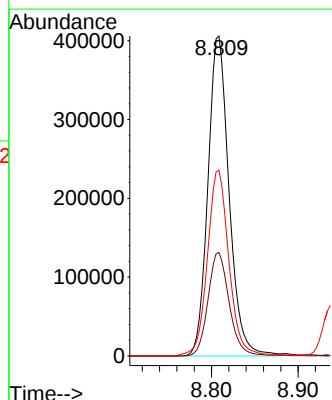
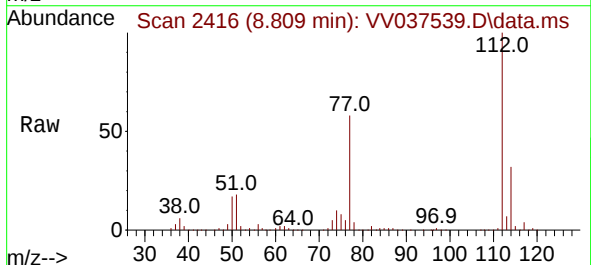
Instrument :
MSVOA_V
ClientSampleId :

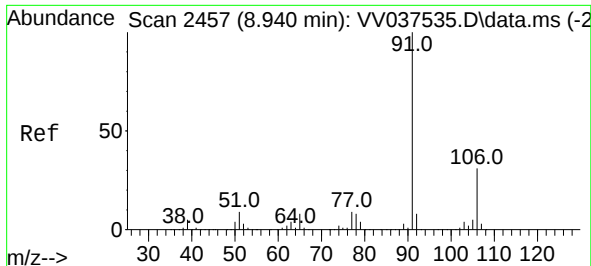
Tgt Ion:107 Resp: 259329
Ion Ratio Lower Upper
107 100
109 91.0 65.7 121.9
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 49.253 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Tgt Ion:112 Resp: 689038
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.7
77 58.1 45.8 68.8





#52

Ethylbenzene

Concen: 51.526 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

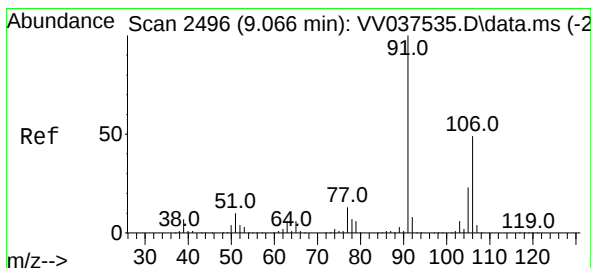
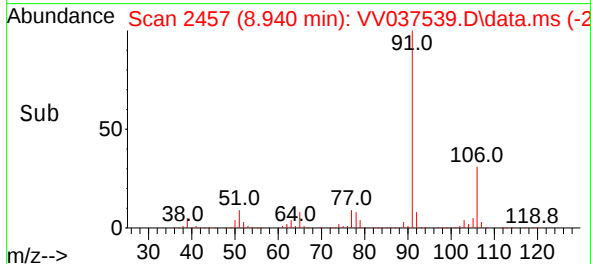
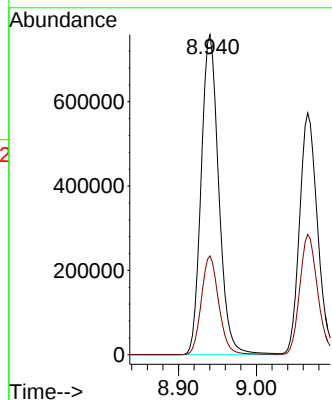
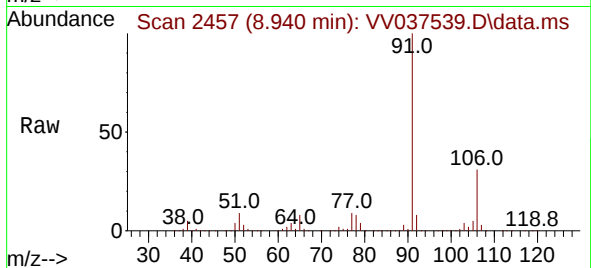
ClientSampleId :

Tgt Ion: 91 Resp: 1190967

Ion Ratio Lower Upper

91 100

106 30.8 21.9 40.7



#53

m,p-Xylene

Concen: 52.652 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037539.D

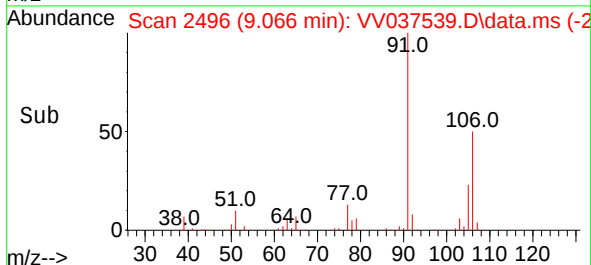
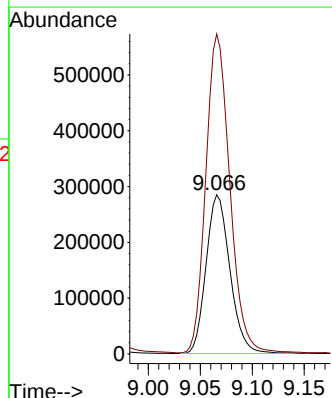
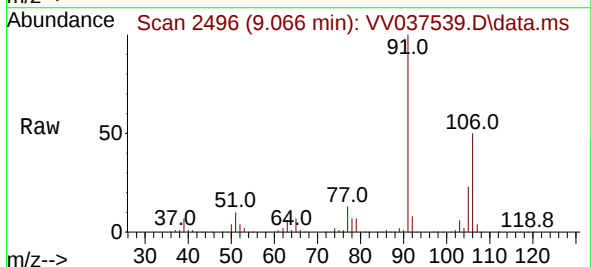
Acq: 26 Sep 2024 11:41

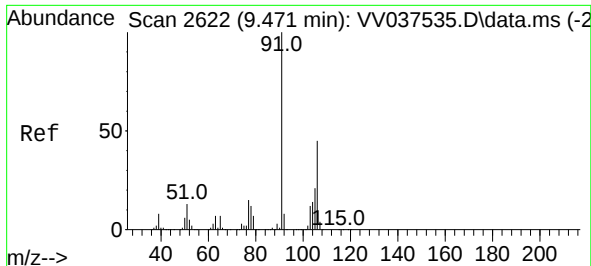
Tgt Ion:106 Resp: 452930

Ion Ratio Lower Upper

106 100

91 200.9 142.0 263.6

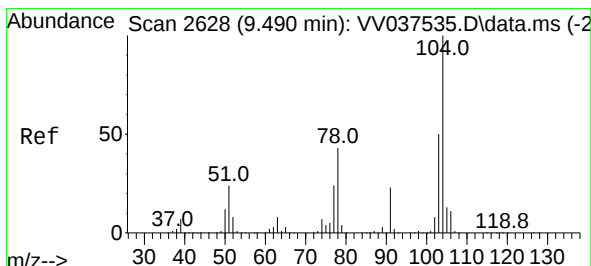
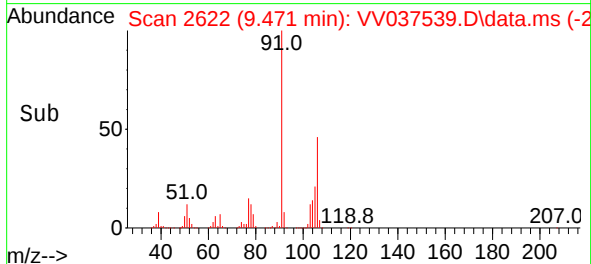
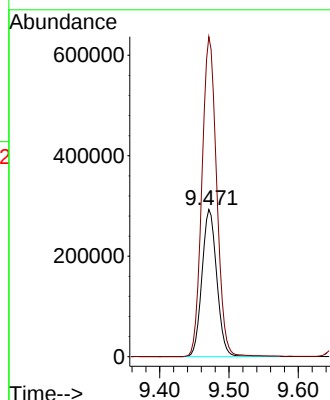
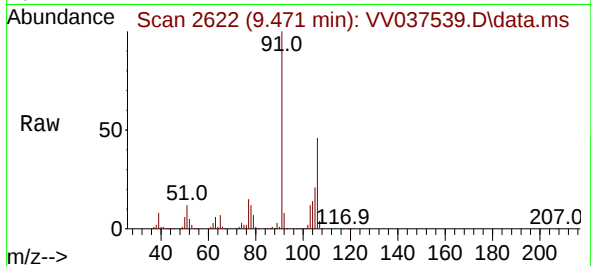




#54
o-Xylene
Concen: 51.647 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

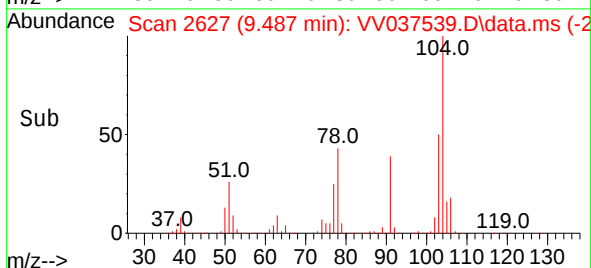
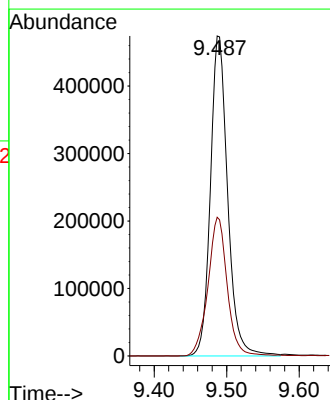
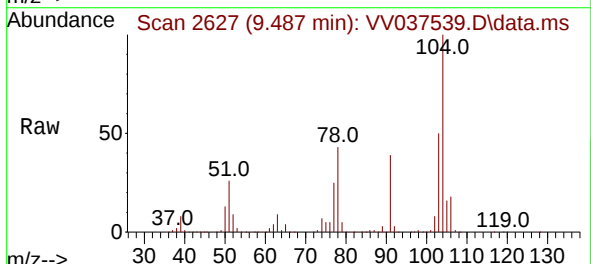
Instrument :
MSVOA_V
ClientSampleId :

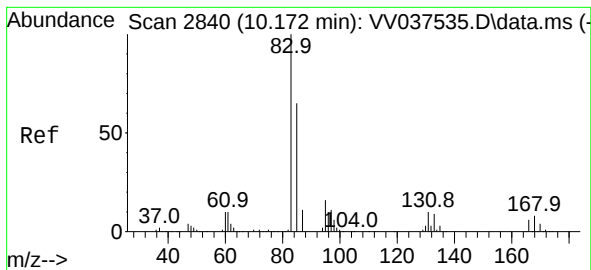
Tgt Ion:106 Resp: 433744
Ion Ratio Lower Upper
106 100
91 217.3 153.9 285.9



#55
Styrene
Concen: 53.606 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Tgt Ion:104 Resp: 783726
Ion Ratio Lower Upper
104 100
78 43.3 30.0 55.6

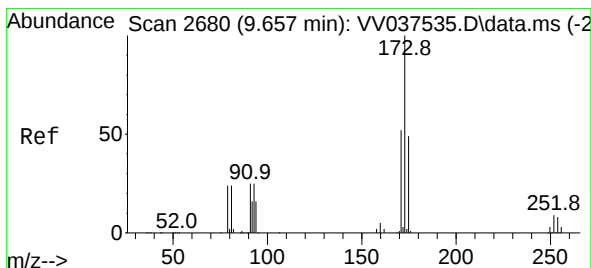
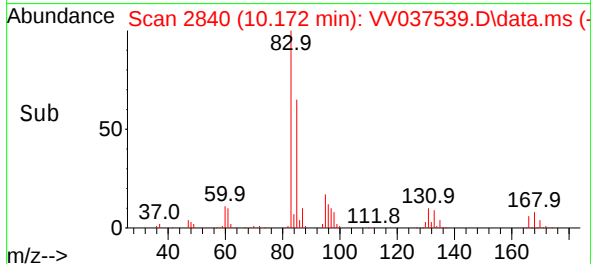
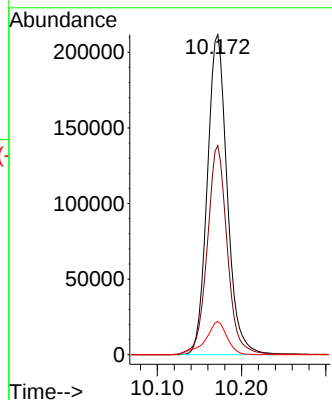
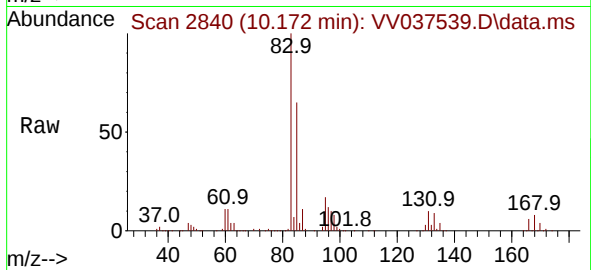




#57
1,1,2,2-Tetrachloroethane
Concen: 50.845 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

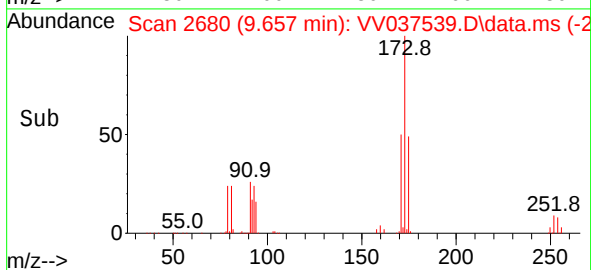
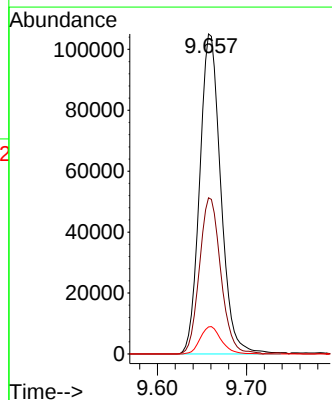
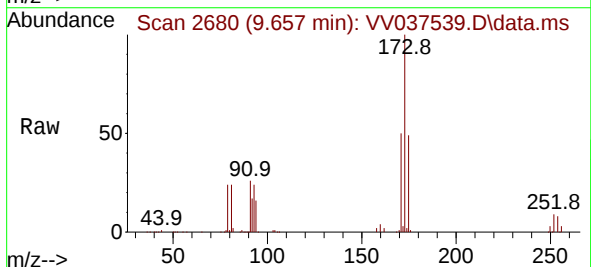
Instrument :
MSVOA_V
ClientSampleId :

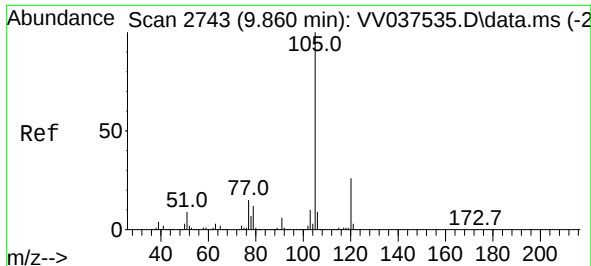
Tgt Ion: 83 Resp: 348145
Ion Ratio Lower Upper
83 100
85 65.4 45.9 85.3
131 10.3 7.9 11.9



#59
Bromoform
Concen: 49.702 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

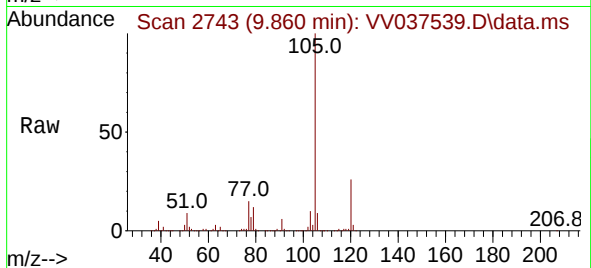
Tgt Ion: 173 Resp: 172931
Ion Ratio Lower Upper
173 100
175 49.3 40.0 60.0
254 8.5 6.5 9.7



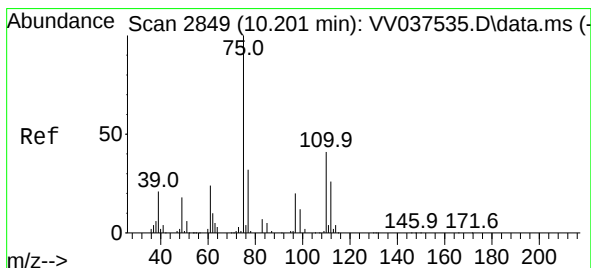
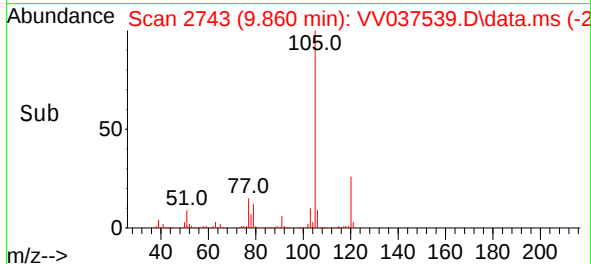
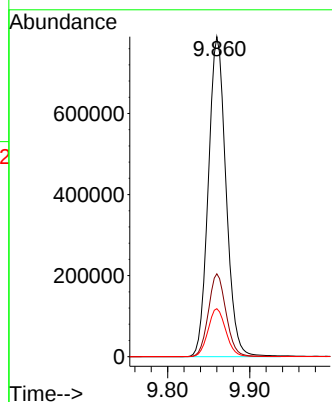


#60
Isopropylbenzene
Concen: 51.165 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Instrument :
MSVOA_V
ClientSampleId :

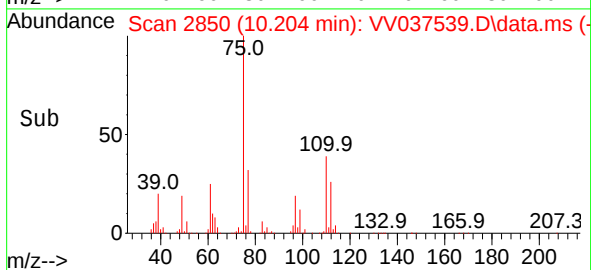
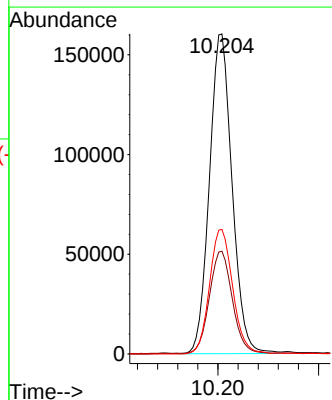
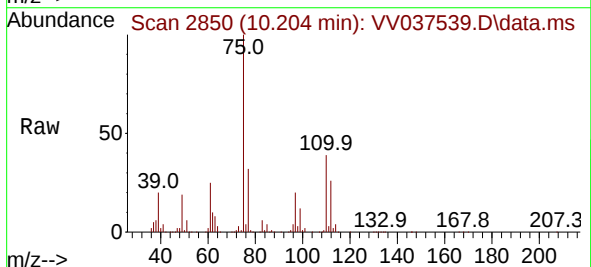


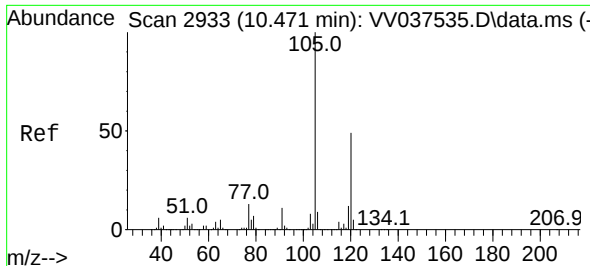
Tgt Ion:105 Resp: 1184191
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 49.522 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV037539.D
Acq: 26 Sep 2024 11:41

Tgt Ion: 75 Resp: 250859
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
110 39.9 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 52.208 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.003 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

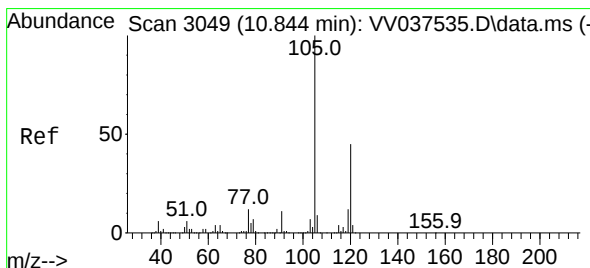
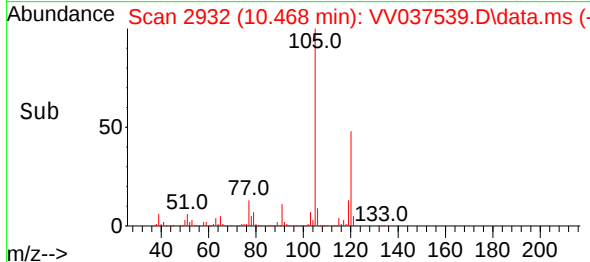
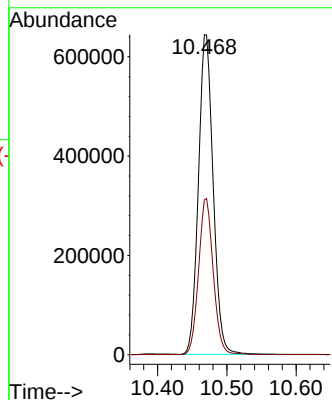
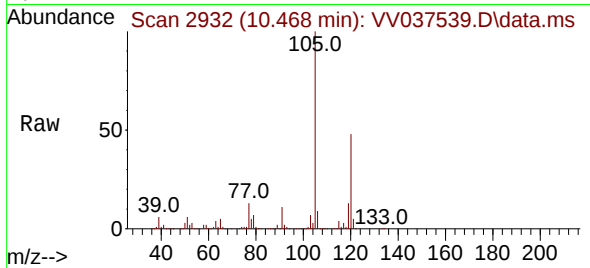
ClientSampleId :

Tgt Ion:105 Resp: 955312

Ion Ratio Lower Upper

105 100

120 48.6 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 52.745 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037539.D

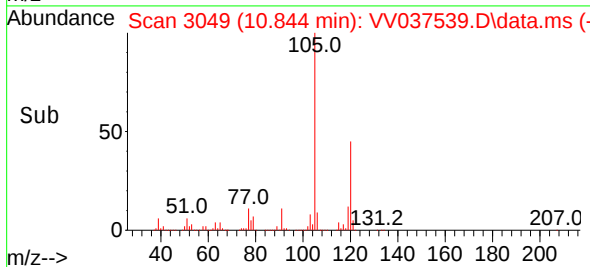
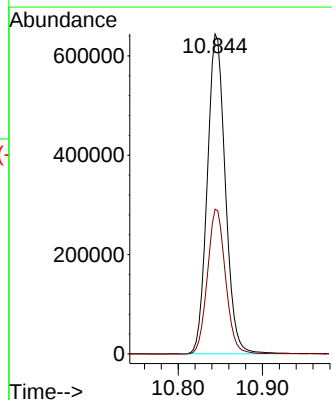
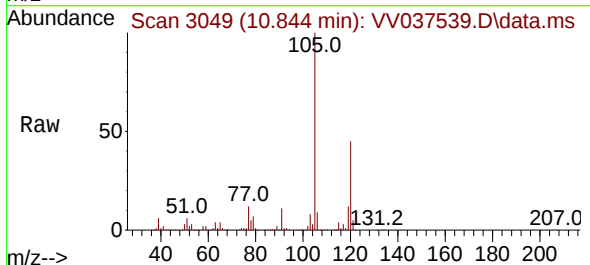
Acq: 26 Sep 2024 11:41

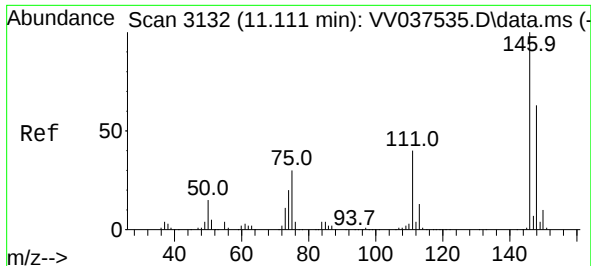
Tgt Ion:105 Resp: 960275

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 49.997 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

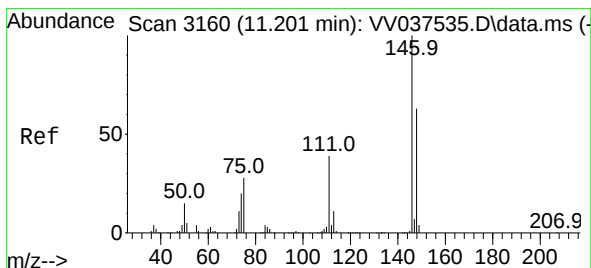
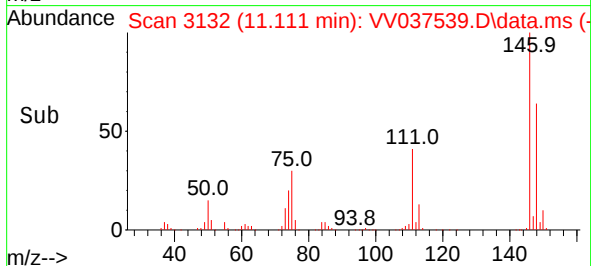
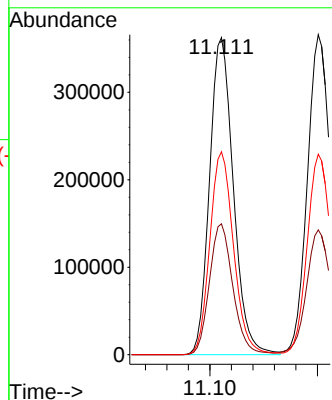
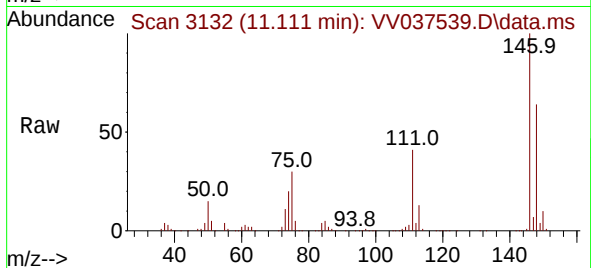
Tgt Ion:146 Resp: 556980

Ion Ratio Lower Upper

146 100

111 41.3 28.3 52.5

148 64.0 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 49.506 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

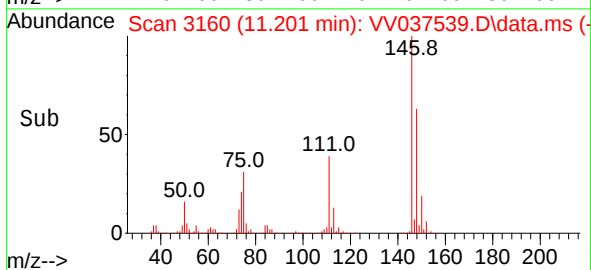
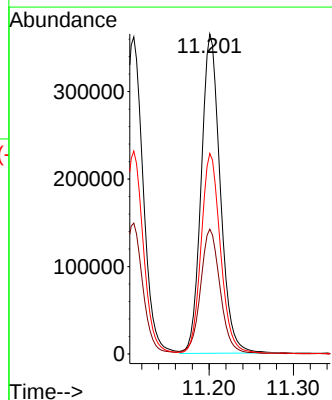
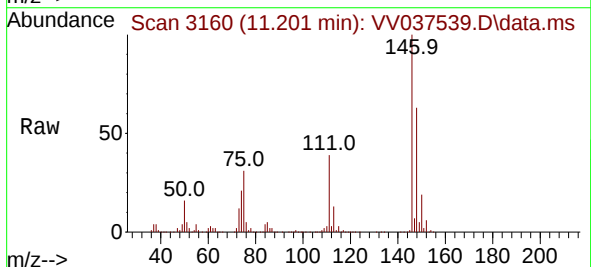
Tgt Ion:146 Resp: 574272

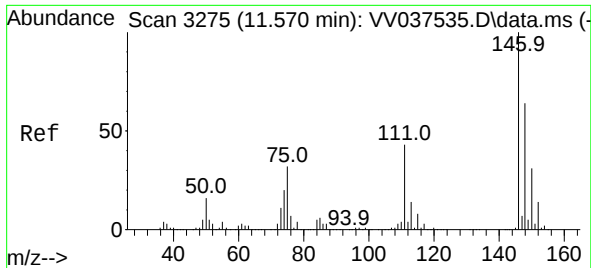
Ion Ratio Lower Upper

146 100

111 39.0 27.6 51.4

148 62.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 49.788 ug/L

RT: 11.570 min Scan# 3275

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

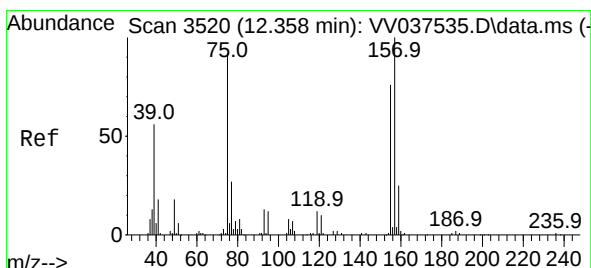
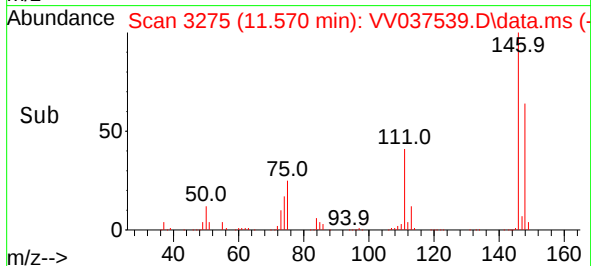
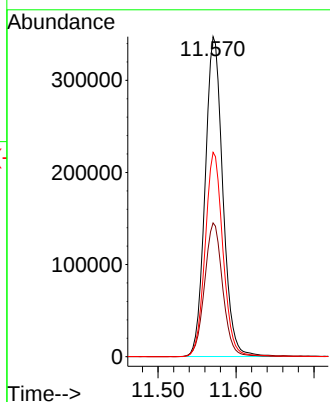
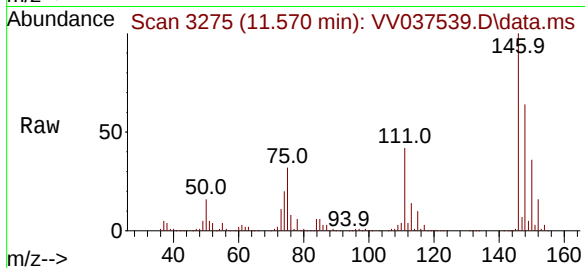
Tgt Ion:146 Resp: 548301

Ion Ratio Lower Upper

146 100

111 41.8 34.2 51.2

148 63.8 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 49.278 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

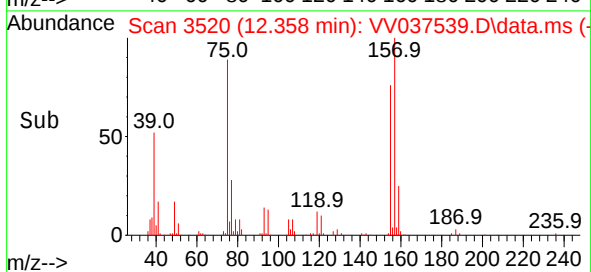
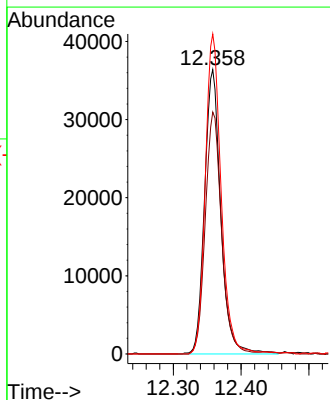
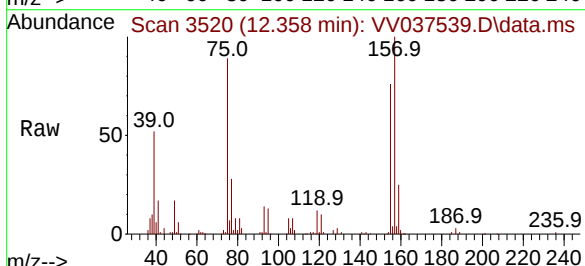
Tgt Ion: 75 Resp: 60595

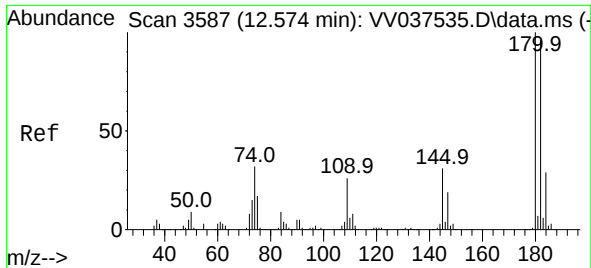
Ion Ratio Lower Upper

75 100

155 85.1 66.2 99.4

157 112.5 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 49.515 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

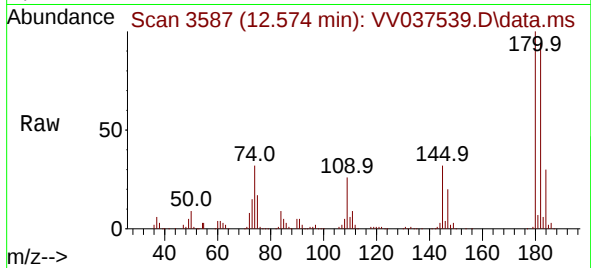
Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 379325

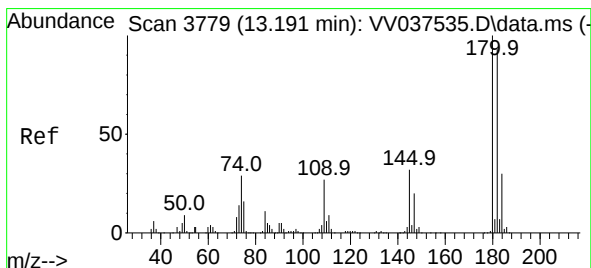
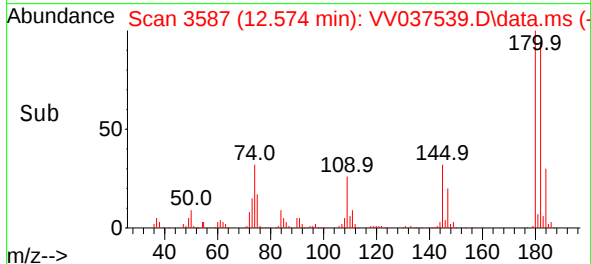
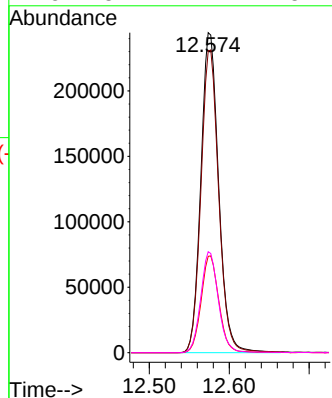
Ion Ratio Lower Upper

180 100

182 94.0 75.6 113.4

184 30.0 23.8 35.6

145 31.1 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 49.055 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

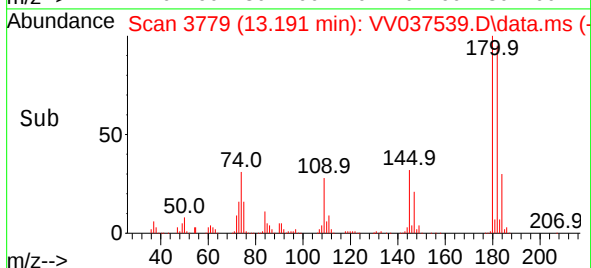
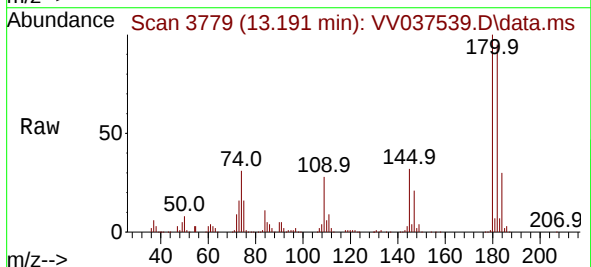
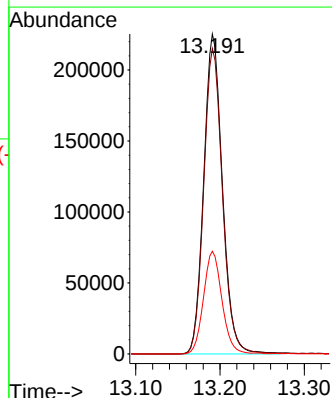
Tgt Ion:180 Resp: 348673

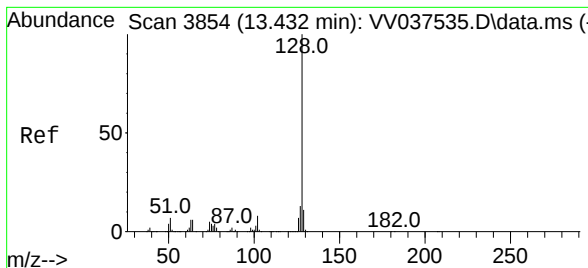
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 31.6 25.4 38.2





#71

Naphthalene

Concen: 51.451 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

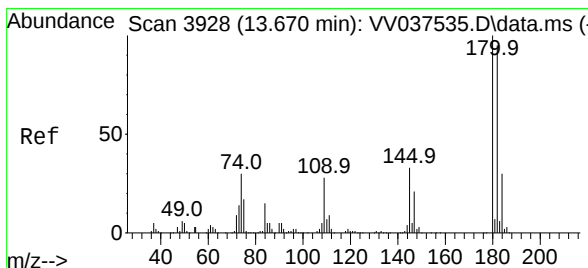
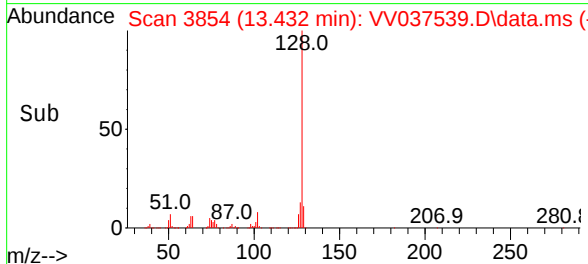
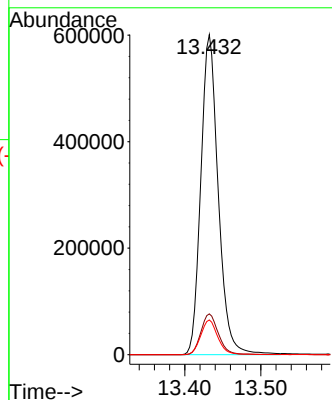
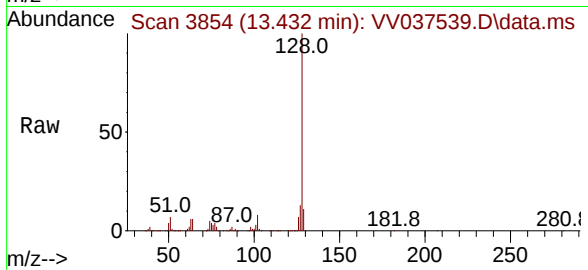
Tgt Ion:128 Resp: 955447

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 49.716 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV037539.D

Acq: 26 Sep 2024 11:41

Tgt Ion:180 Resp: 348960

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 34.3 26.2 39.4

