

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091624\
 Data File : VV037302.D
 Acq On : 16 Sep 2024 14:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:07:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 17 05:05:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	640183	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	624617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	328724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	249347	42.579	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.160%
7) Chloroethane-d5	1.532	69	202998	44.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.700%
11) 1,1-Dichloroethene-d2	2.056	65	107437	43.650	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.300%
21) 2-Butanone-d5	3.786	46	181413	79.996	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.000%
24) Chloroform-d	4.240	84	462666	50.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.960%
26) 1,2-Dichloroethane-d4	4.931	65	274341	47.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.060%
32) Benzene-d6	4.950	84	888918	47.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.240%
36) 1,2-Dichloropropane-d6	5.979	67	287209	48.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.220%
41) Toluene-d8	7.233	98	800546	47.017	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.040%
43) trans-1,3-Dichloroprop...	7.545	79	127016	46.462	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.920%
47) 2-Hexanone-d5	8.021	63	131215	81.364	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.360%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	326675	45.583	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.160%
66) 1,2-Dichlorobenzene-d4	11.551	152	305758	46.442	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	277890	51.368	ug/L	99
3) Chloromethane	1.217	50	282746	46.474	ug/L	99
5) Vinyl chloride	1.285	62	296698	51.948	ug/L	98
6) Bromomethane	1.487	94	173610	54.247	ug/L	98
8) Chloroethane	1.548	64	187439	53.653	ug/L	99
9) Trichlorofluoromethane	1.712	101	404686	54.295	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	251518	56.736	ug/L	99
12) 1,1-Dichloroethene	2.069	96	224602	53.776	ug/L	91
13) Acetone	2.111	43	180821	74.346	ug/L	99
14) Carbon disulfide	2.236	76	616485	48.621	ug/L	99
15) Methyl Acetate	2.368	43	192867	47.300	ug/L	98
16) Methylene chloride	2.442	84	250011	53.055	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	231646	53.426	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	702669	51.518	ug/L	100
19) 1,1-Dichloroethane	3.101	63	466420	54.168	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	262986	54.890	ug/L	98
22) 2-Butanone	3.870	43	222781	83.194	ug/L	100
23) Bromochloromethane	4.133	128	133110	56.597	ug/L	97
25) Chloroform	4.265	83	472459	54.179	ug/L	98

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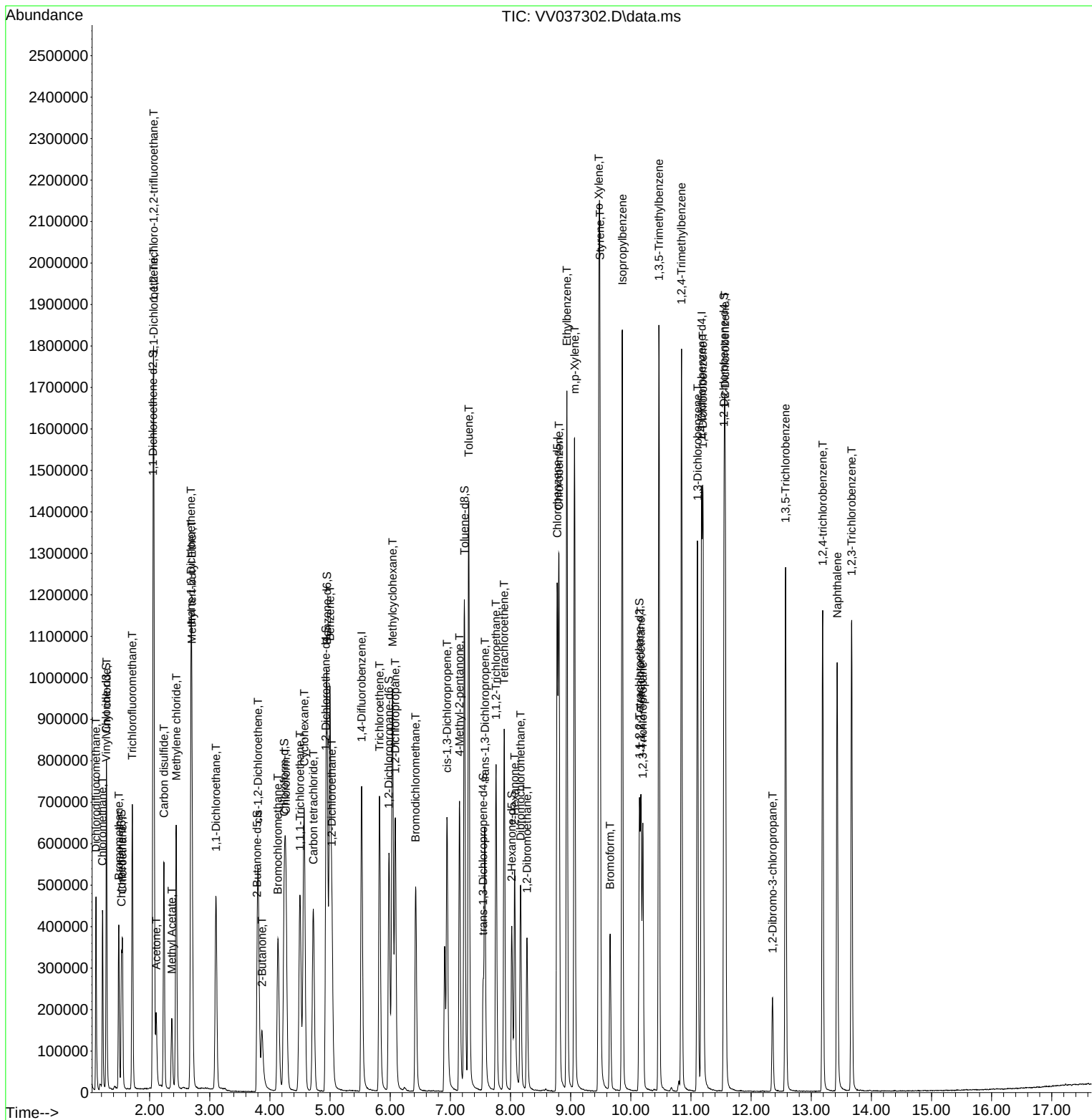
Instrument :
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 ClientSampleId :

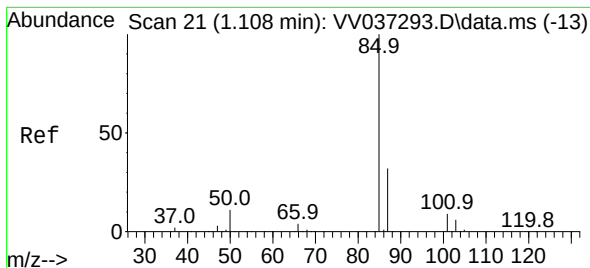
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	346766	54.209	ug/L	100
29) Cyclohexane	4.571	56	373682	50.882	ug/L	98
30) 1,1,1-Trichloroethane	4.500	97	394424	54.880	ug/L	99
31) Carbon tetrachloride	4.722	117	342633	56.498	ug/L	99
33) Benzene	4.998	78	992405	55.054	ug/L	100
34) Trichloroethene	5.822	95	262720	55.219	ug/L	99
35) Methylcyclohexane	6.040	83	412727	53.391	ug/L	98
37) 1,2-Dichloropropane	6.085	63	261280	54.066	ug/L	100
38) Bromodichloromethane	6.423	83	342710	55.330	ug/L	100
39) cis-1,3-Dichloropropene	6.944	75	417516	54.747	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	453878	92.382	ug/L	99
42) Toluene	7.307	91	1038928	55.355	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	368611	54.075	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	243017	54.020	ug/L	98
46) Tetrachloroethene	7.895	164	190462	55.792	ug/L	99
48) 2-Hexanone	8.069	43	327790	86.268	ug/L	99
49) Dibromochloromethane	8.169	129	251890	55.919	ug/L	100
50) 1,2-Dibromoethane	8.275	107	245199	53.864	ug/L	100
51) Chlorobenzene	8.805	112	674998	54.325	ug/L	98
52) Ethylbenzene	8.937	91	1163408	54.879	ug/L	99
53) m,p-Xylene	9.066	106	438444	55.820	ug/L	99
54) o-Xylene	9.471	106	424652	55.217	ug/L	97
55) Styrene	9.487	104	754486	56.539	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	338885	50.863	ug/L	99
59) Bromoform	9.657	173	161218	52.668	ug/L	100
60) Isopropylbenzene	9.860	105	1160416	54.452	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	248927	48.679	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	945812	54.246	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	942422	54.162	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	529920	53.851	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	549639	54.572	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	520720	53.816	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	57478	45.071	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	367368	53.652	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	333147	51.670	ug/L	99
71) Naphthalene	13.432	128	827715	44.458	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	326164	51.333	ug/L	99

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

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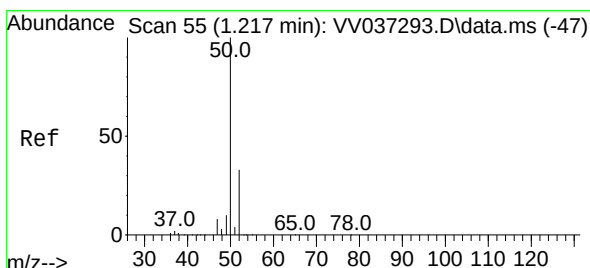
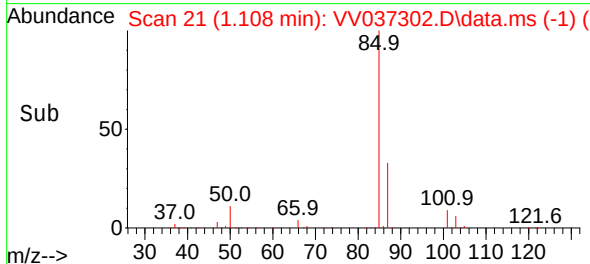
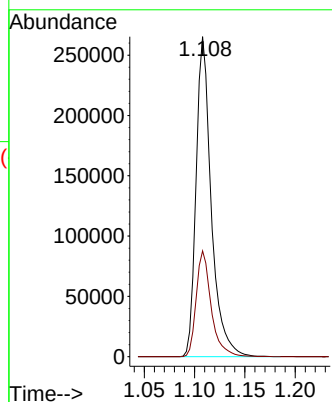
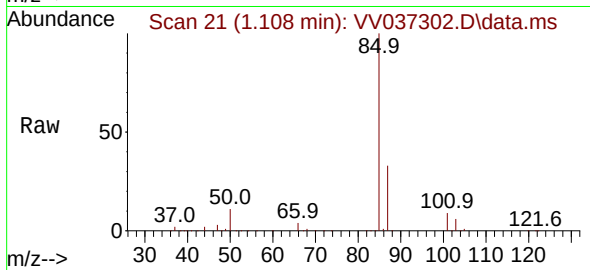




#2
 Dichlorodifluoromethane
 Concen: 51.368 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037302.D
 Acq: 16 Sep 2024 14:47

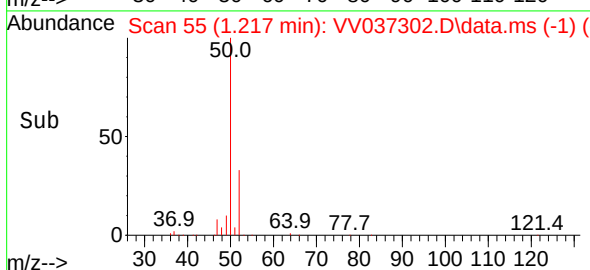
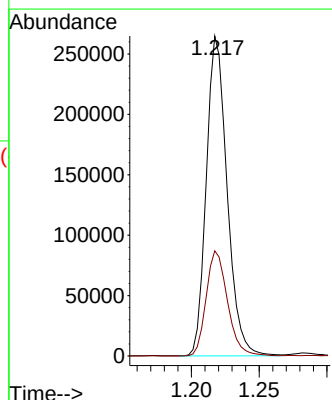
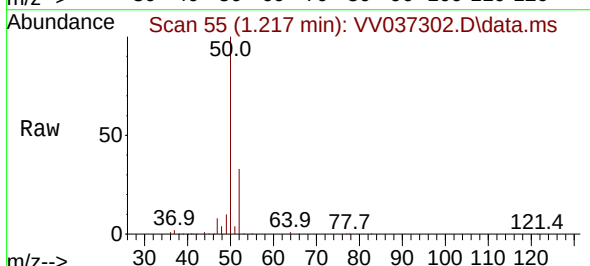
Instrument :
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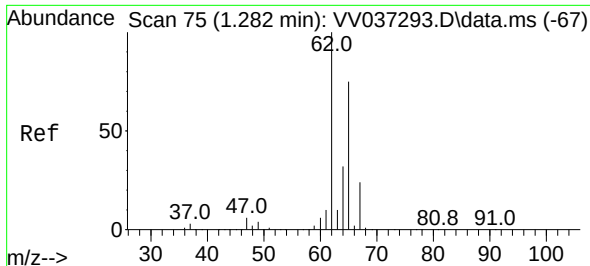
Tgt Ion: 85 Resp: 277890
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 46.474 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037302.D
 Acq: 16 Sep 2024 14:47

Tgt Ion: 50 Resp: 282746
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.5 41.9

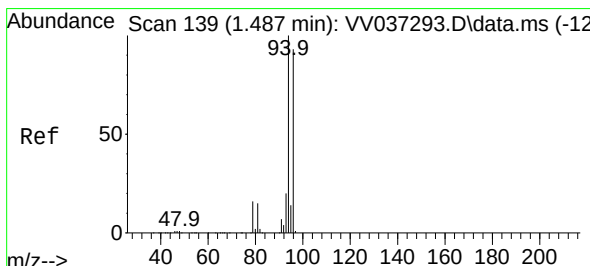
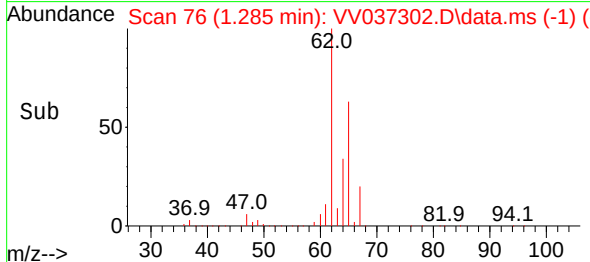
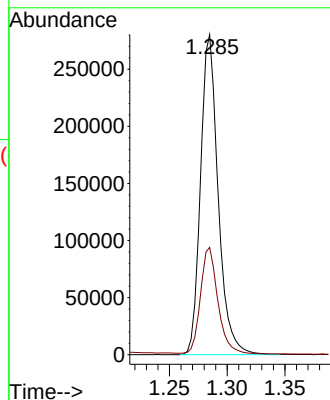
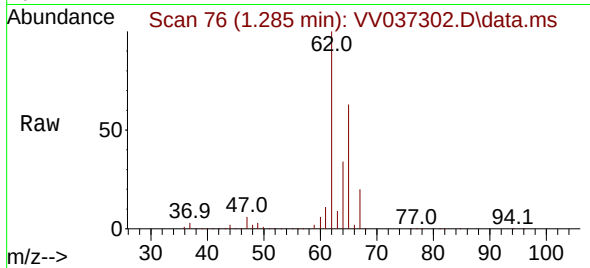




#5
 Vinyl chloride
 Concen: 51.948 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV037302.D
 Acq: 16 Sep 2024 14:47

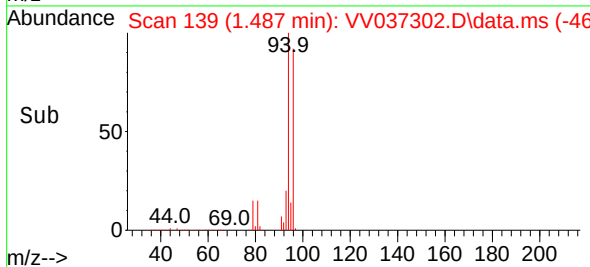
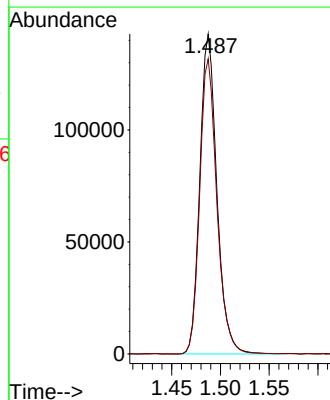
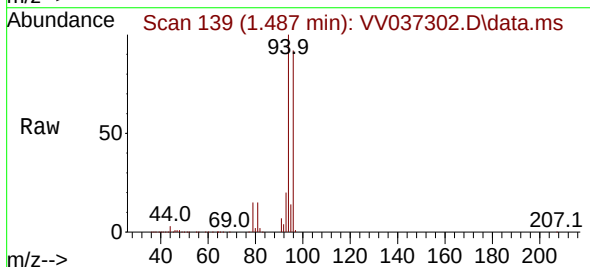
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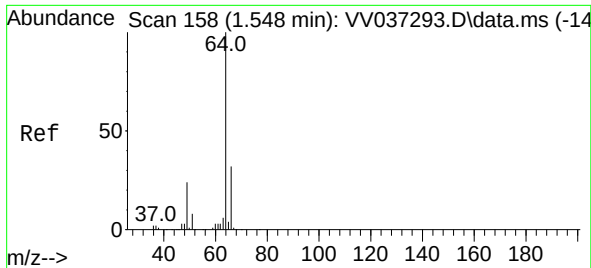
Tgt Ion: 62 Resp: 296698
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.8 42.4



#6
 Bromomethane
 Concen: 54.247 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037302.D
 Acq: 16 Sep 2024 14:47

Tgt Ion: 94 Resp: 173610
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.6 121.8

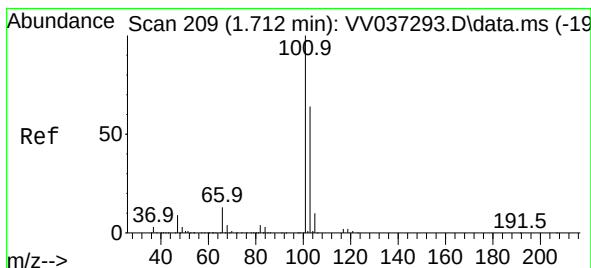
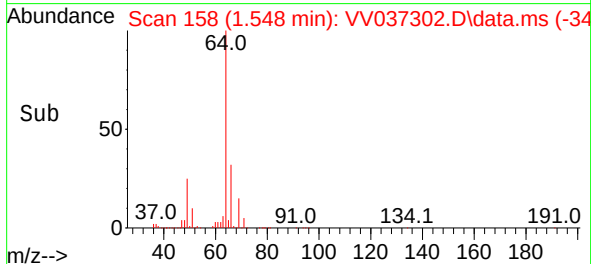
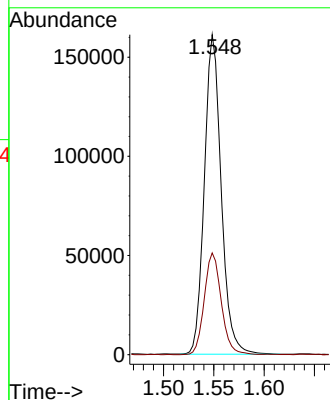
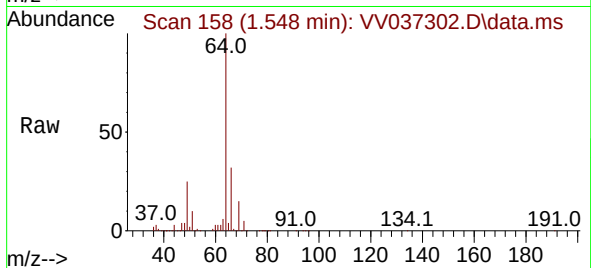




#8
Chloroethane
Concen: 53.653 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

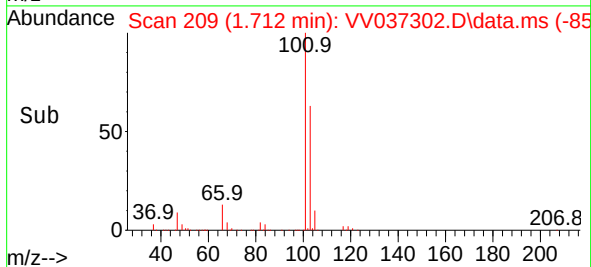
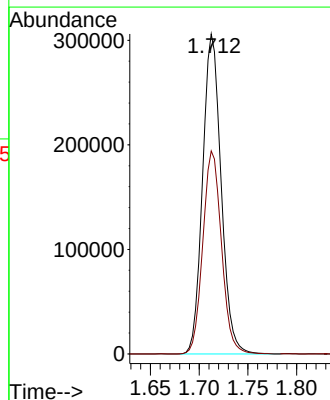
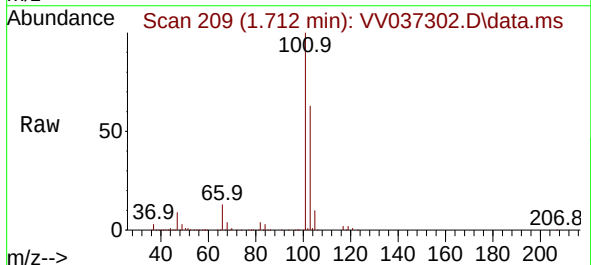
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ClientSampleId :

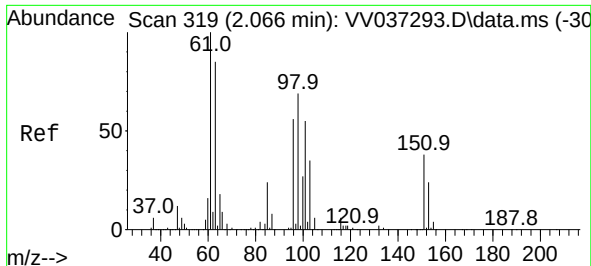
Tgt Ion: 64 Resp: 187439
Ion Ratio Lower Upper
64 100
66 31.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 54.295 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion:101 Resp: 404686
Ion Ratio Lower Upper
101 100
103 63.9 51.7 77.5

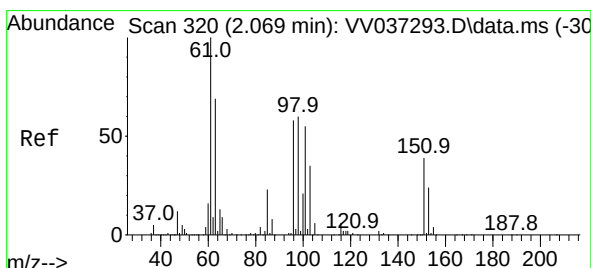
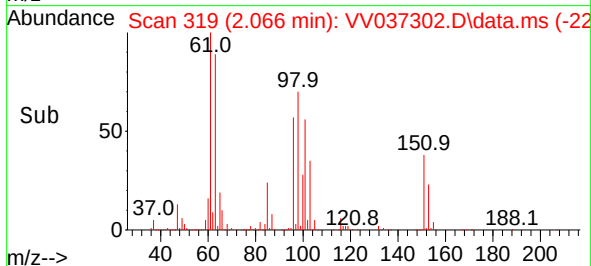
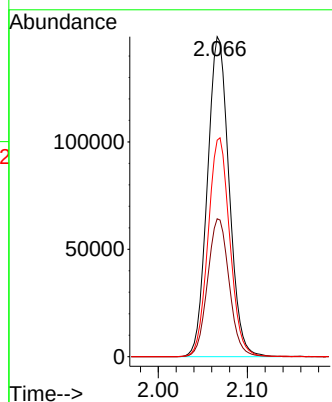
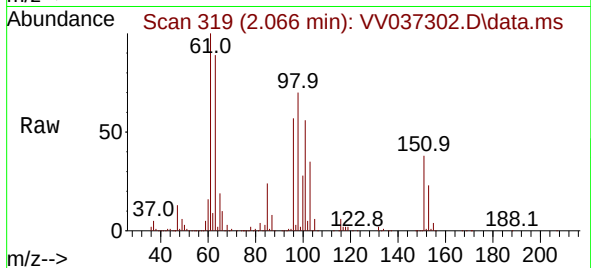




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 56.736 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037302.D
 Acq: 16 Sep 2024 14:47

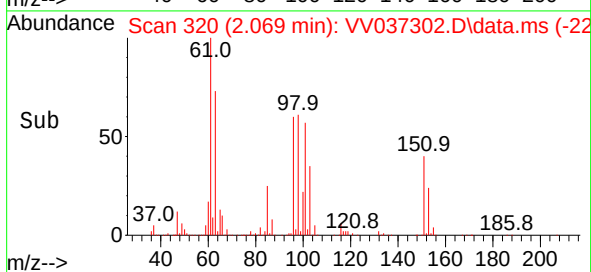
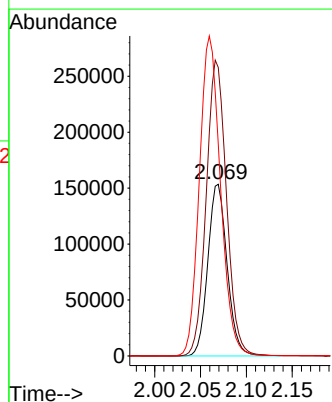
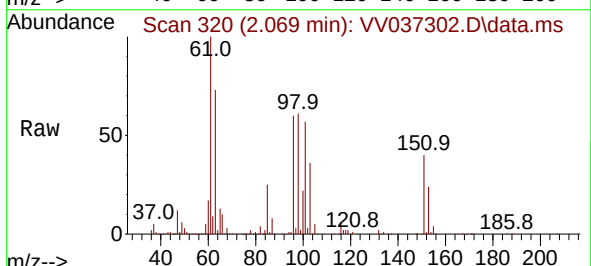
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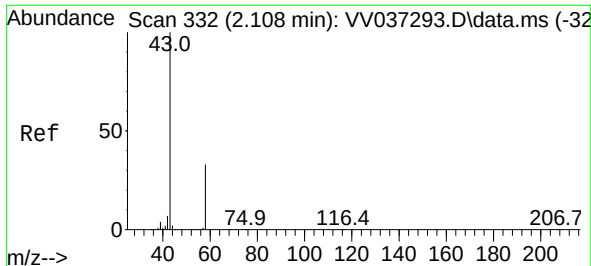
Tgt Ion:101 Resp: 251518
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.6 53.4
 151 68.6 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 53.776 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037302.D
 Acq: 16 Sep 2024 14:47

Tgt Ion: 96 Resp: 224602
 Ion Ratio Lower Upper
 96 100
 61 168.0 123.8 229.8
 63 123.4 96.5 179.1

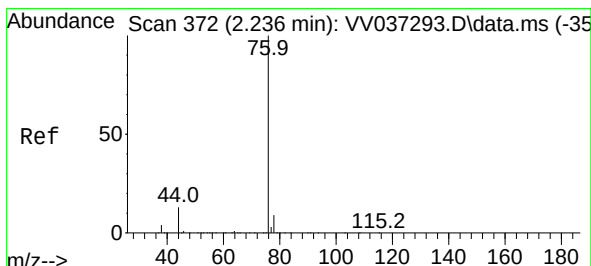
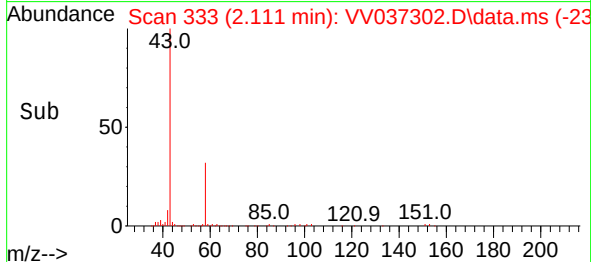
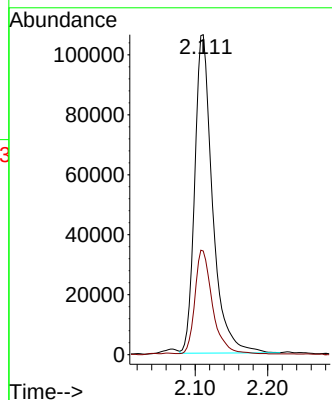
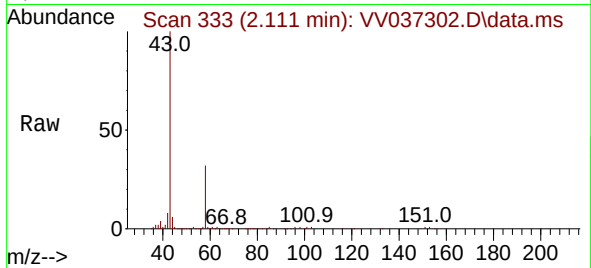




#13
Acetone
Concen: 74.346 ug/L
RT: 2.111 min Scan# 332
Delta R.T. 0.003 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

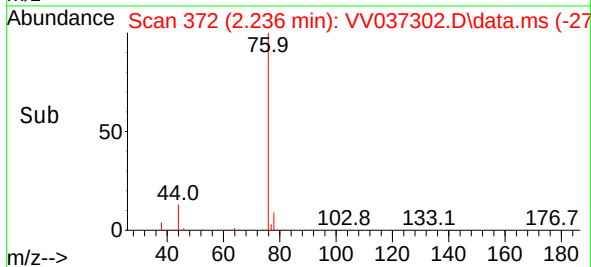
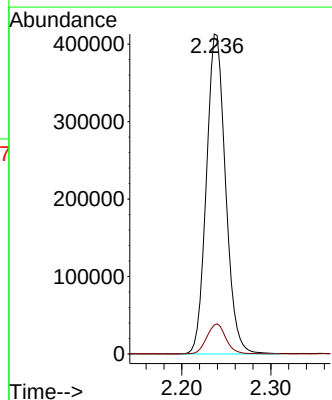
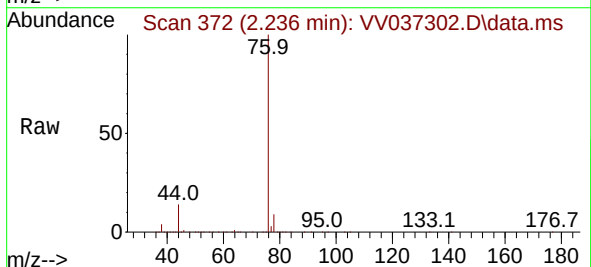
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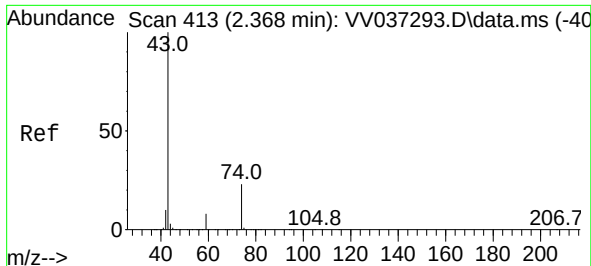
Tgt Ion: 43 Resp: 180821
Ion Ratio Lower Upper
43 100
58 32.0 0.0 64.8



#14
Carbon disulfide
Concen: 48.621 ug/L
RT: 2.236 min Scan# 372
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion: 76 Resp: 616485
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

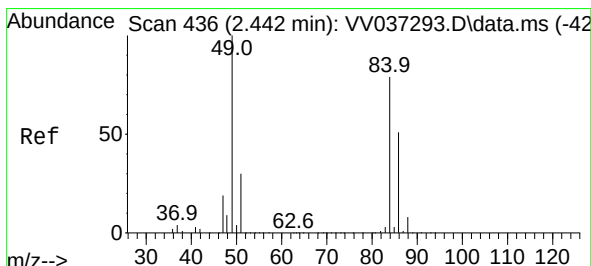
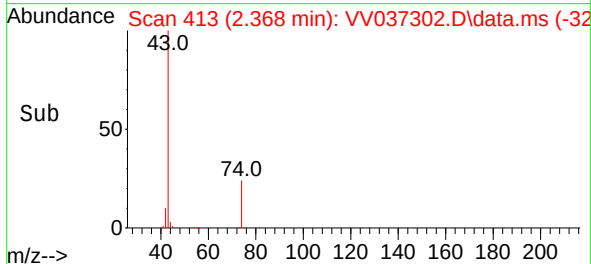
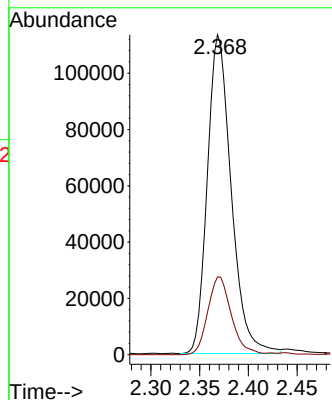
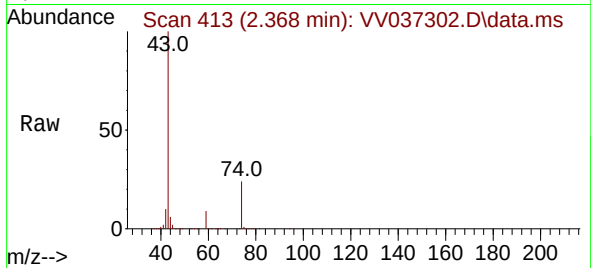




#15
Methyl Acetate
Concen: 47.300 ug/L
RT: 2.368 min Scan# 413
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

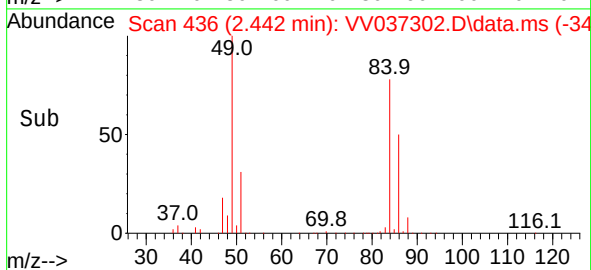
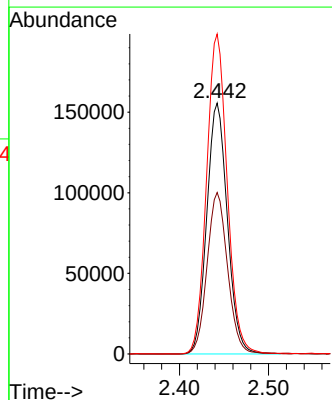
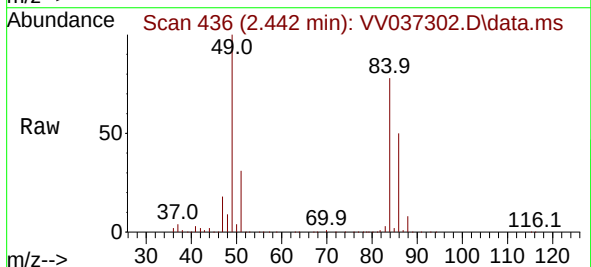
Instrument :
MSVOA_V
ClientSampleId :

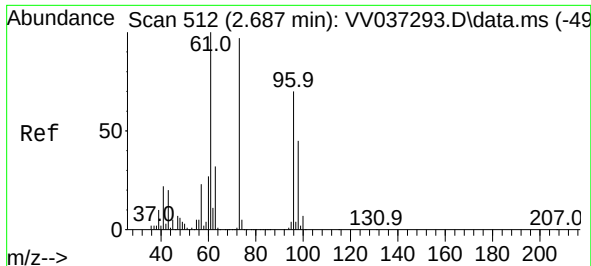
Tgt Ion: 43 Resp: 192867
Ion Ratio Lower Upper
43 100
74 24.0 18.4 27.6



#16
Methylene chloride
Concen: 53.055 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

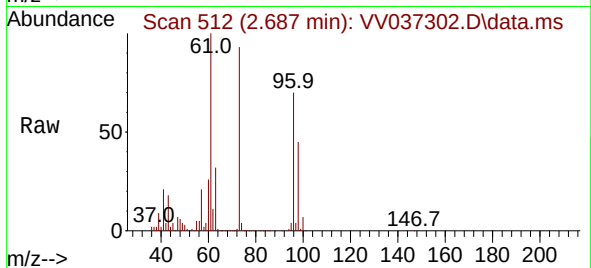
Tgt Ion: 84 Resp: 250011
Ion Ratio Lower Upper
84 100
86 64.3 44.7 82.9
49 127.5 91.4 169.8





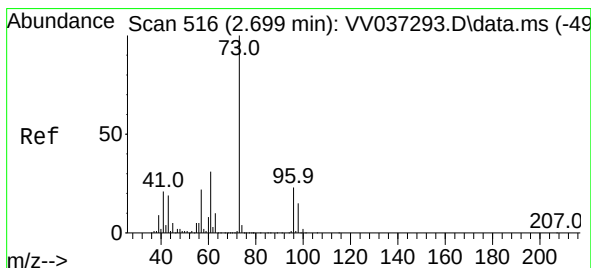
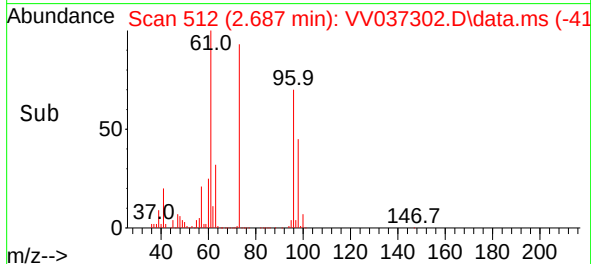
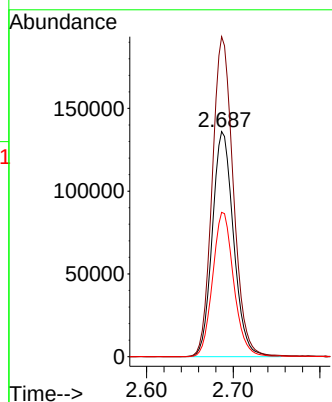
#17
trans-1,2-Dichloroethene
Concen: 53.426 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 231646

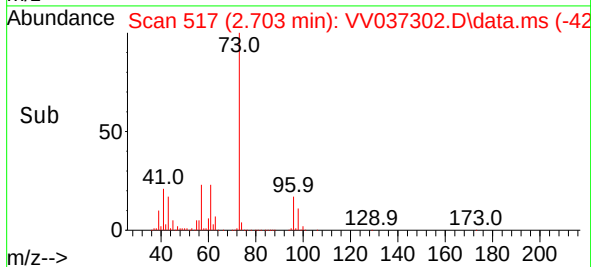
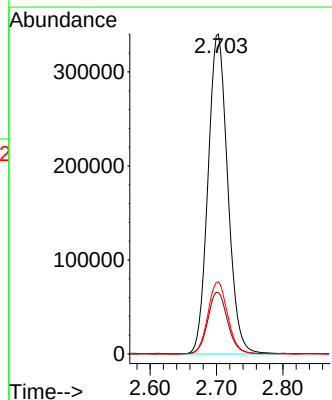
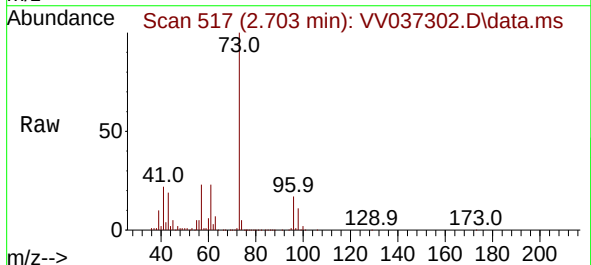
Ion	Ratio	Lower	Upper
96	100		
61	142.2	102.3	189.9
98	64.1	44.8	83.2

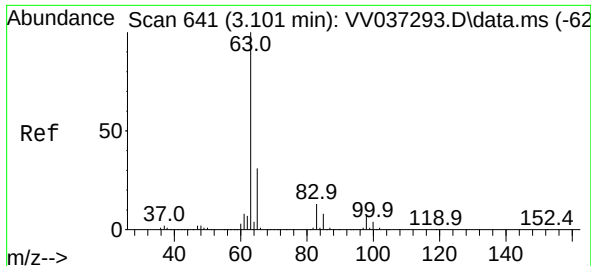


#18
Methyl tert-butyl Ether
Concen: 51.518 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion: 73 Resp: 702669

Ion	Ratio	Lower	Upper
73	100		
43	19.3	15.8	23.6
57	22.6	18.1	27.1





#19

1,1-Dichloroethane

Concen: 54.168 ug/L

RT: 3.101 min Scan# 641

Delta R.T. 0.000 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

Instrument :

MSVOA_V

ClientSampleId :

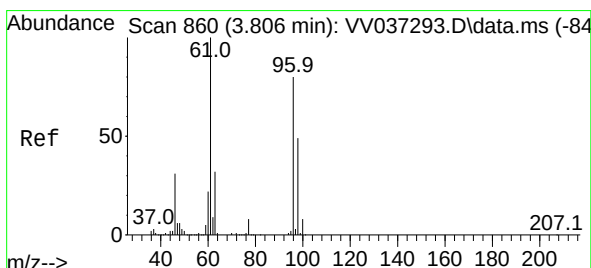
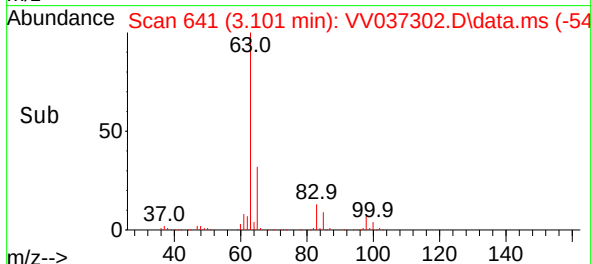
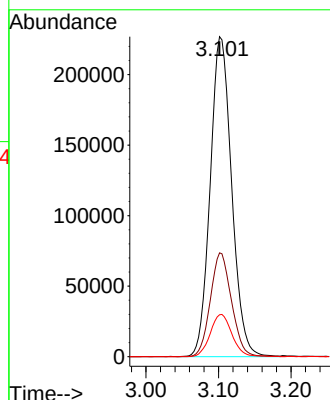
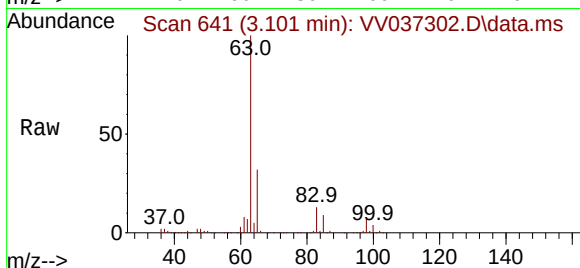
Tgt Ion: 63 Resp: 466420

Ion Ratio Lower Upper

63 100

65 32.5 22.0 41.0

83 13.1 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 54.890 ug/L

RT: 3.802 min Scan# 859

Delta R.T. -0.003 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

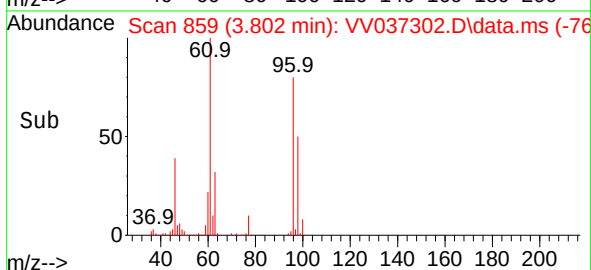
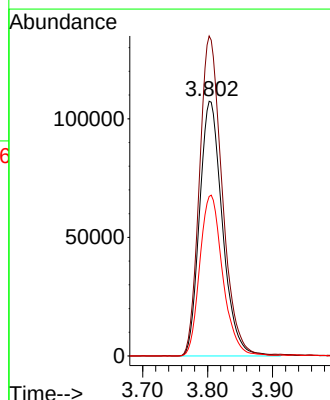
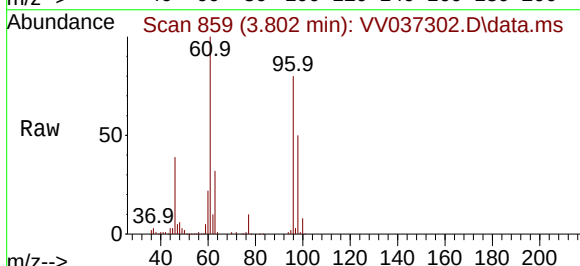
Tgt Ion: 96 Resp: 262986

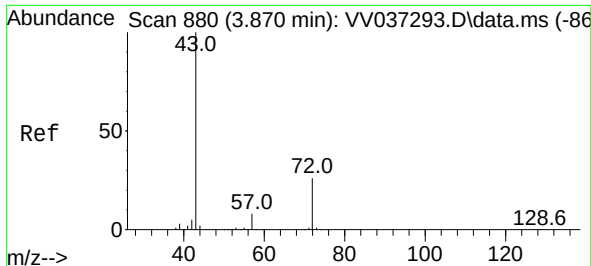
Ion Ratio Lower Upper

96 100

61 125.6 89.9 166.9

98 62.6 44.8 83.2

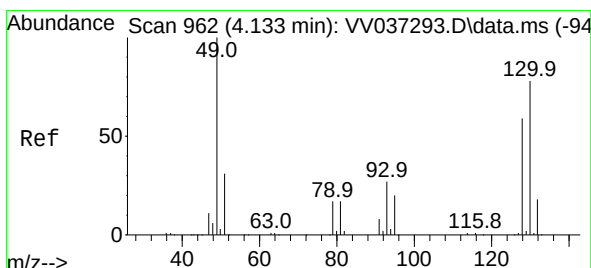
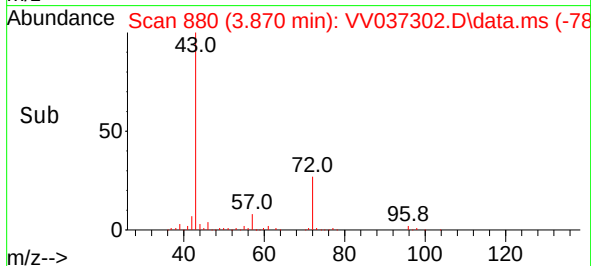
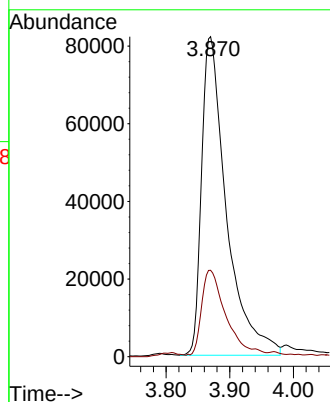
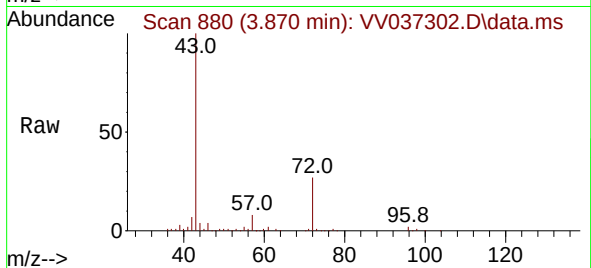




#22
2-Butanone
Concen: 83.194 ug/L
RT: 3.870 min Scan# 880
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

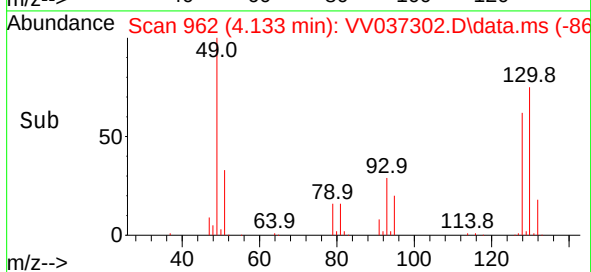
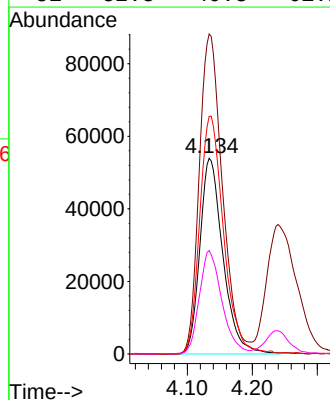
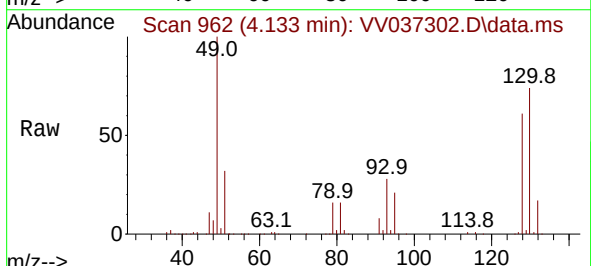
Instrument :
MSVOA_V
ClientSampleId :

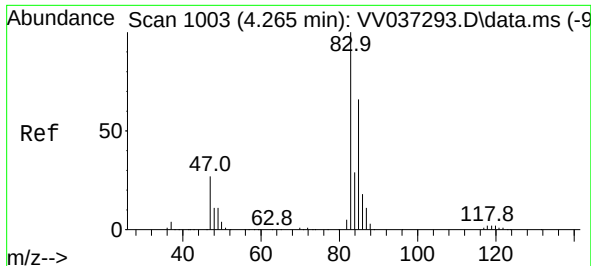
Tgt Ion: 43 Resp: 222781
Ion Ratio Lower Upper
43 100
72 25.1 12.7 38.0



#23
Bromochloromethane
Concen: 56.597 ug/L
RT: 4.133 min Scan# 962
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion:128 Resp: 133110
Ion Ratio Lower Upper
128 100
49 163.5 117.2 217.6
130 121.4 87.6 162.8
51 52.8 40.8 61.2





#25

Chloroform

Concen: 54.179 ug/L

RT: 4.265 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

Instrument :

MSVOA_V

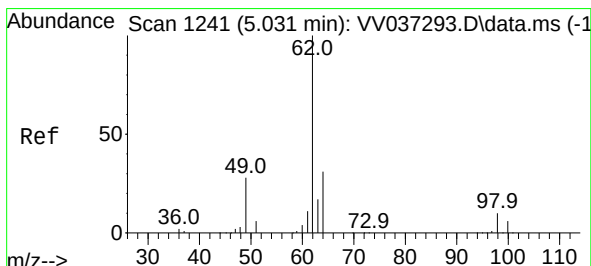
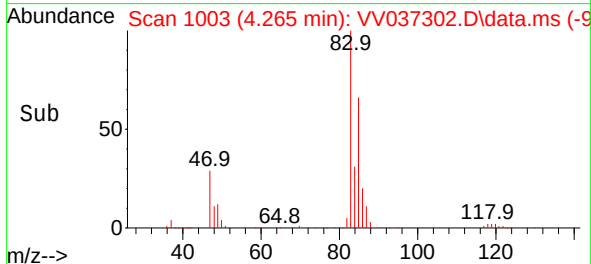
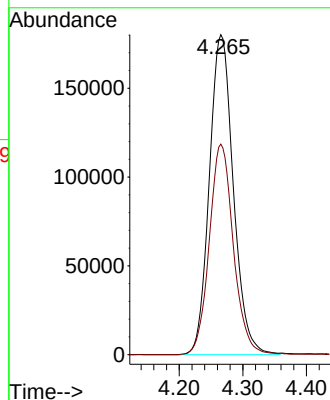
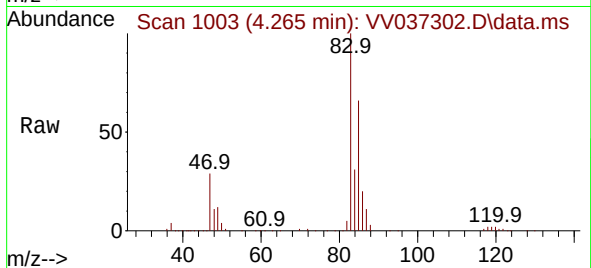
ClientSampleId :

Tgt Ion: 83 Resp: 472459

Ion Ratio Lower Upper

83 100

85 65.8 45.1 83.7



#27

1,2-Dichloroethane

Concen: 54.209 ug/L

RT: 5.031 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VV037302.D

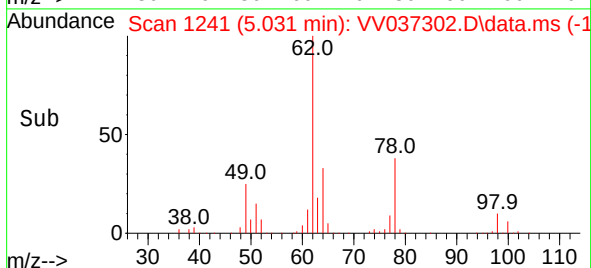
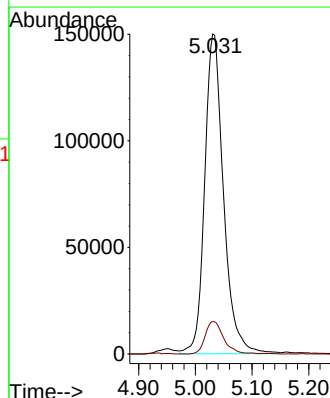
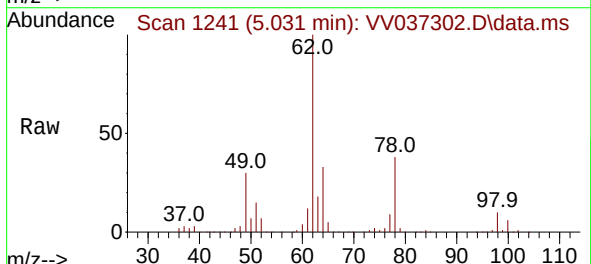
Acq: 16 Sep 2024 14:47

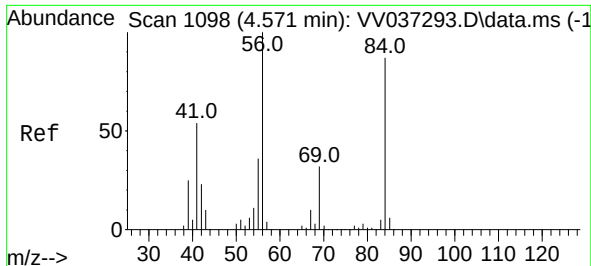
Tgt Ion: 62 Resp: 346766

Ion Ratio Lower Upper

62 100

98 10.1 8.0 12.0





#29

Cyclohexane

Concen: 50.882 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

Instrument :

MSVOA_V

ClientSampleId :

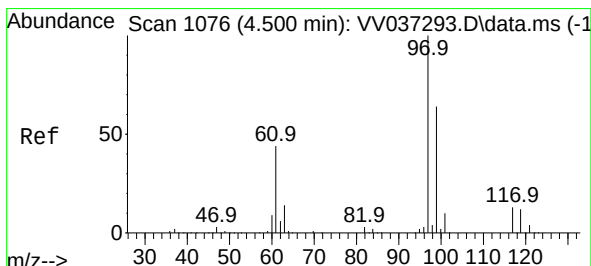
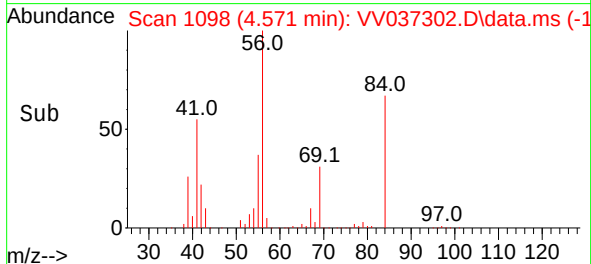
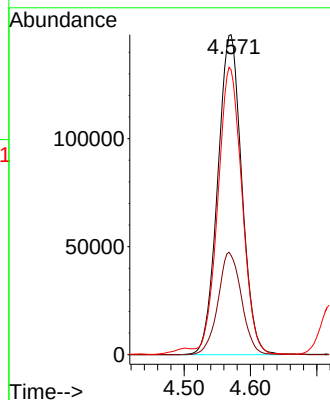
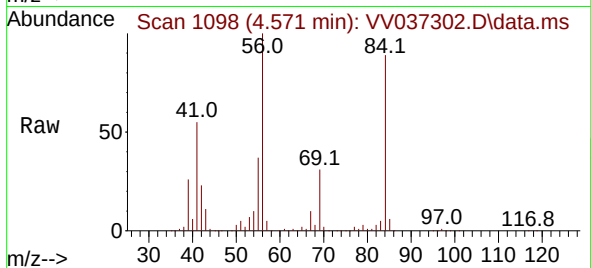
Tgt Ion: 56 Resp: 373682

Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.4

84 88.9 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 54.880 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

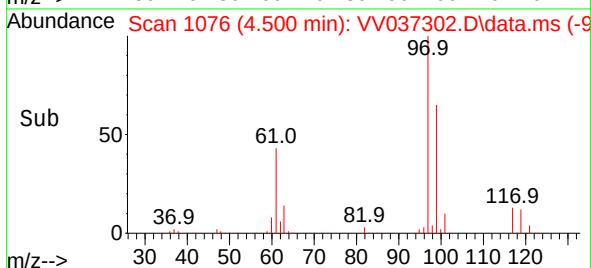
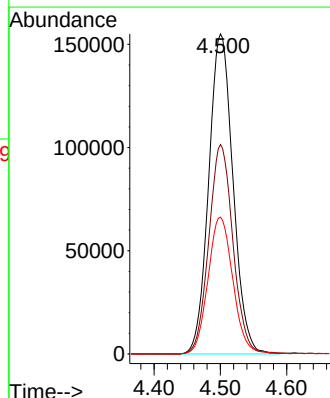
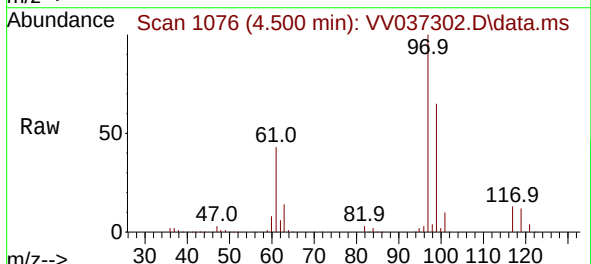
Tgt Ion: 97 Resp: 394424

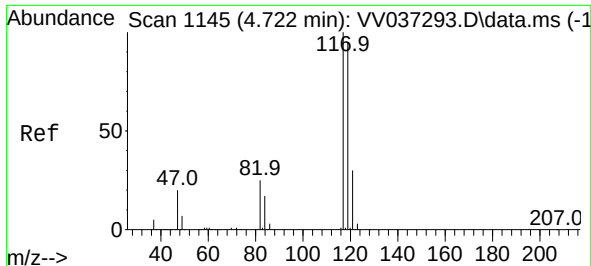
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

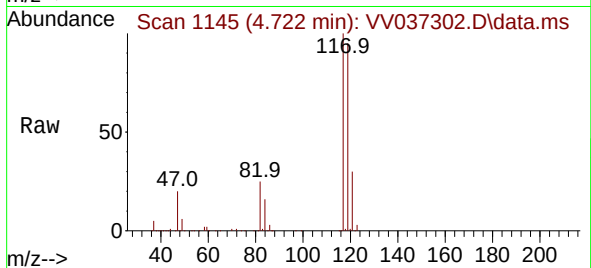
61 43.7 35.8 53.6



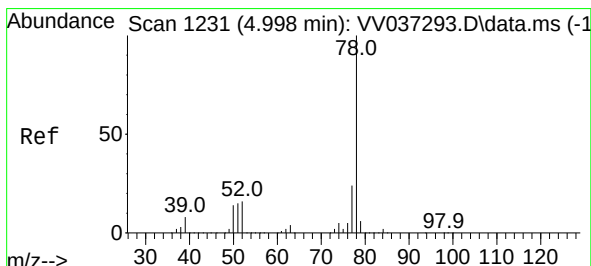
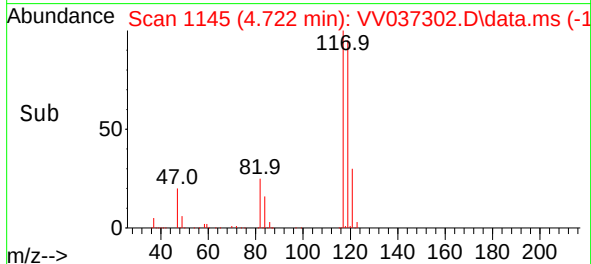
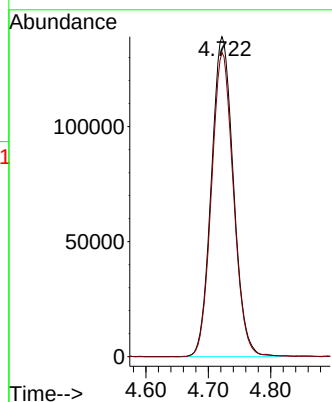


#31
Carbon tetrachloride
Concen: 56.498 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Instrument :
MSVOA_V
ClientSampleId :

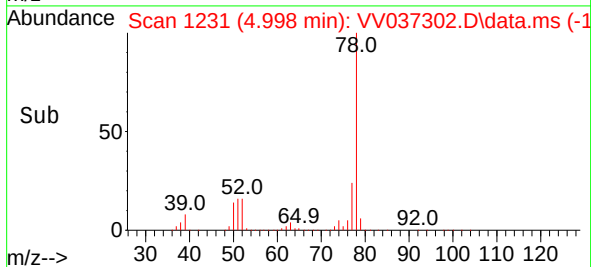
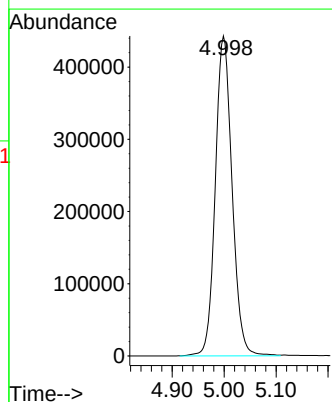
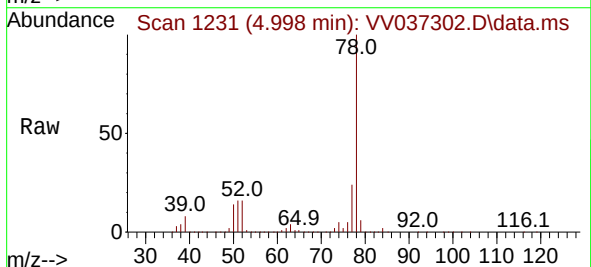


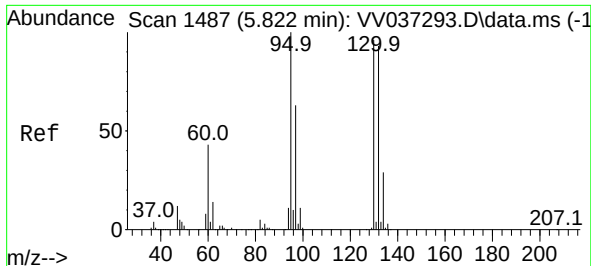
Tgt Ion:117 Resp: 342633
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.6



#33
Benzene
Concen: 55.054 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

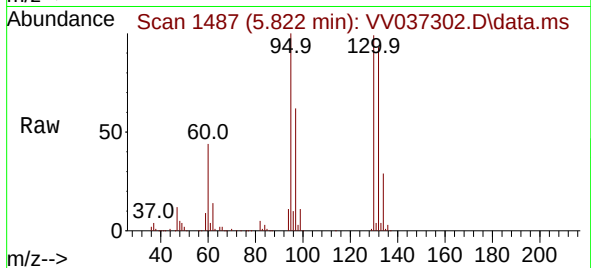
Tgt Ion: 78 Resp: 992405



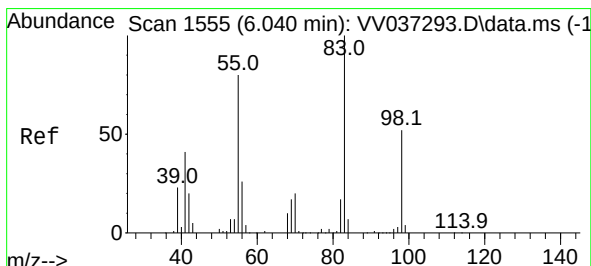
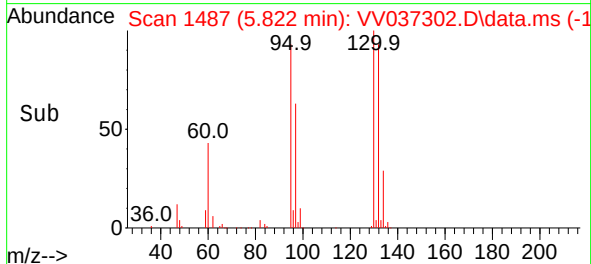
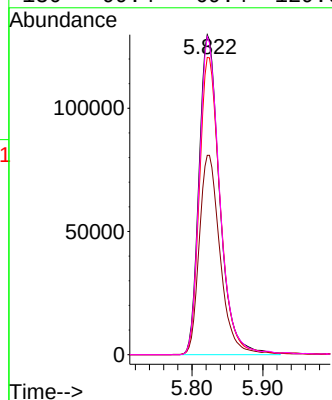


#34
Trichloroethene
Concen: 55.219 ug/L
RT: 5.822 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Instrument :
MSVOA_V
ClientSampleId :

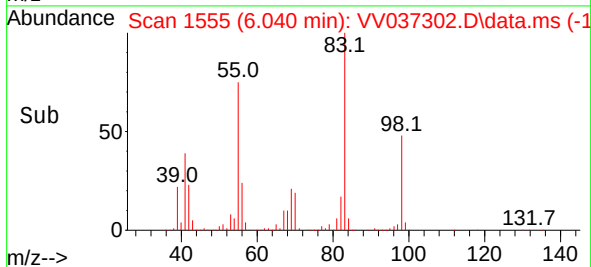
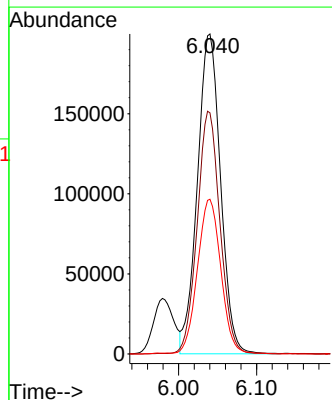
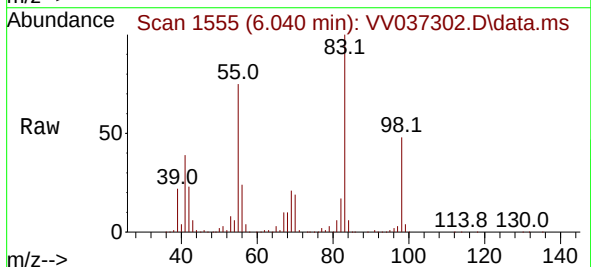


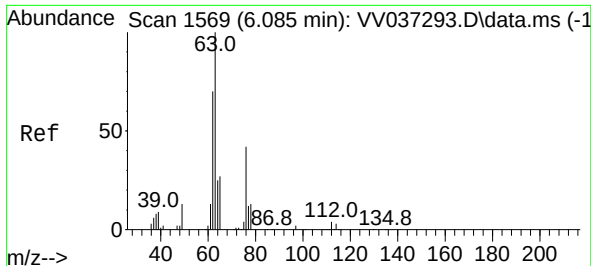
Tgt Ion: 95 Resp: 262720
Ion Ratio Lower Upper
95 100
97 62.3 44.4 82.5
132 92.9 64.9 120.5
130 99.4 69.4 129.0



#35
Methylcyclohexane
Concen: 53.391 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion: 83 Resp: 412727
Ion Ratio Lower Upper
83 100
55 74.2 61.2 91.8
98 48.3 39.3 58.9

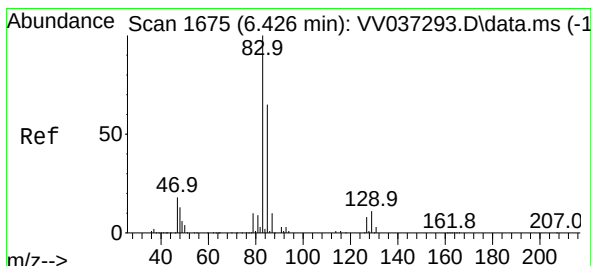
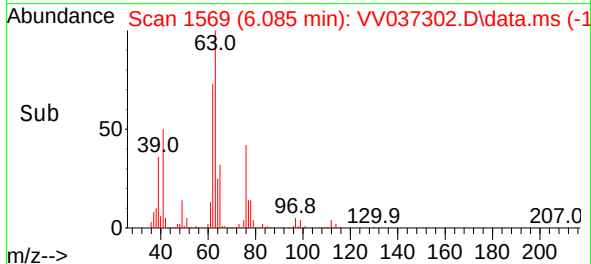
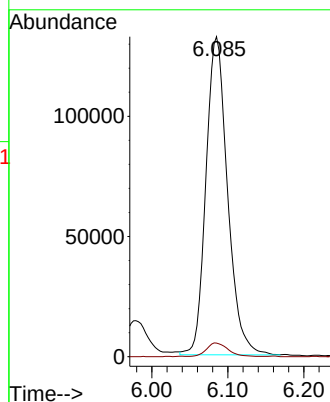
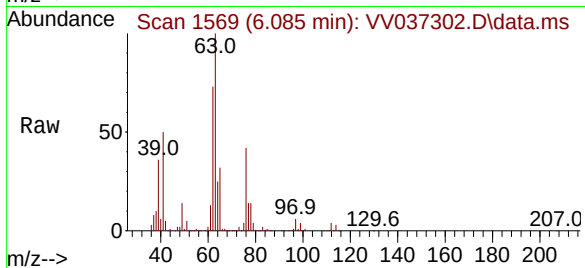




#37
1,2-Dichloropropane
Concen: 54.066 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

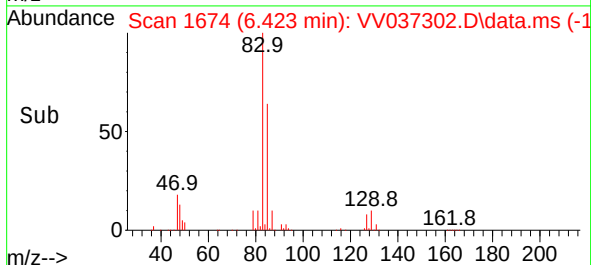
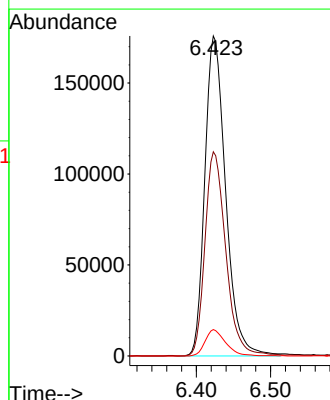
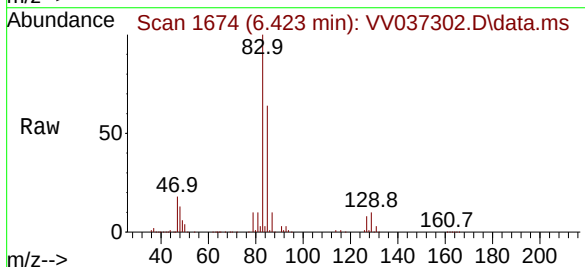
Instrument :
MSVOA_V
ClientSampleId :

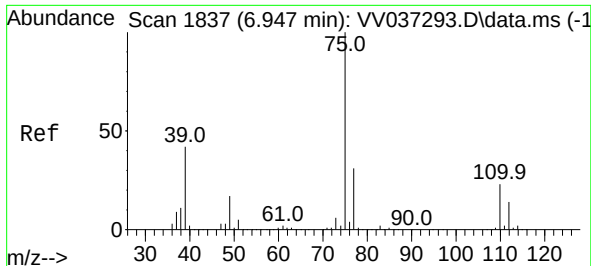
Tgt Ion: 63 Resp: 261280
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 55.330 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion: 83 Resp: 342710
Ion Ratio Lower Upper
83 100
85 63.8 44.5 82.7
127 8.2 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 54.747 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

Instrument :

MSVOA_V

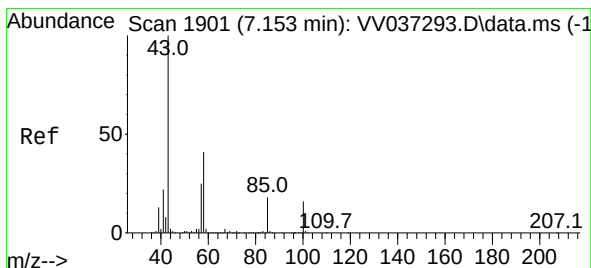
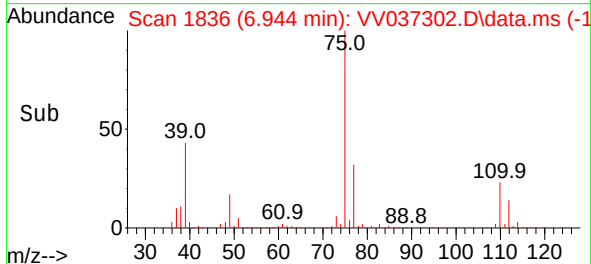
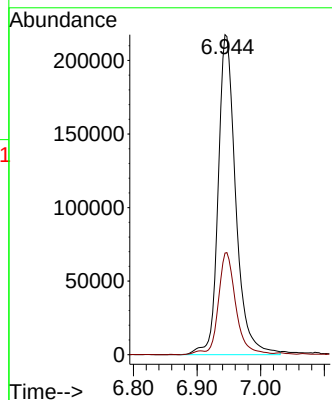
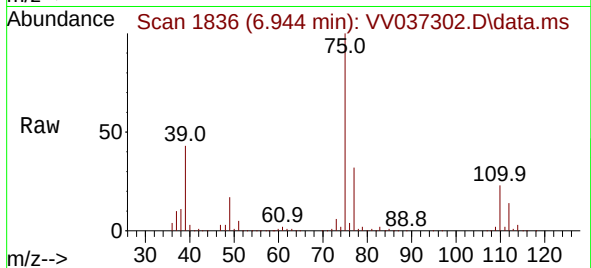
ClientSampleId :

Tgt Ion: 75 Resp: 417516

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 92.382 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

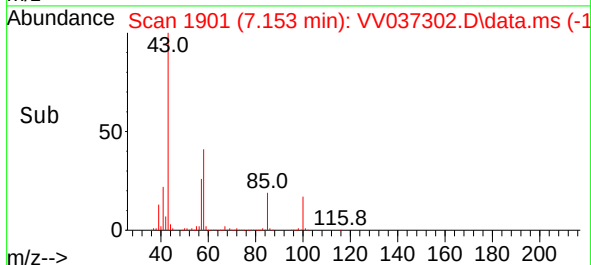
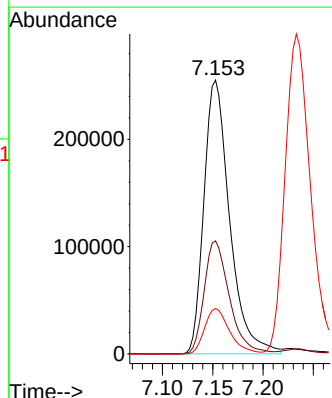
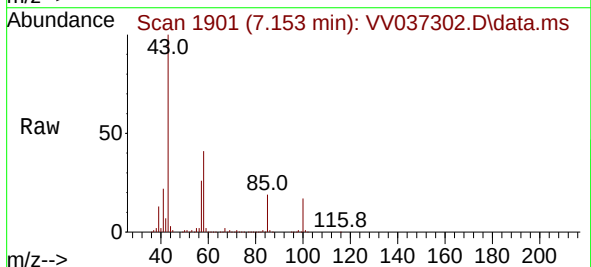
Tgt Ion: 43 Resp: 453878

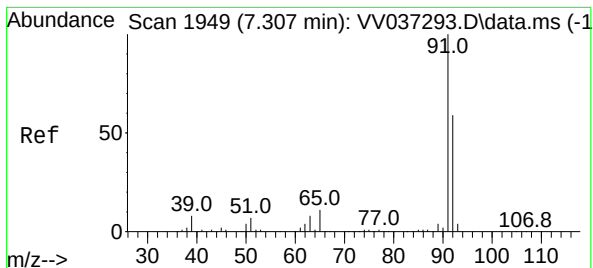
Ion Ratio Lower Upper

43 100

58 40.5 32.0 48.0

100 16.2 12.4 18.6





#42

Toluene

Concen: 55.355 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

Instrument :

MSVOA_V

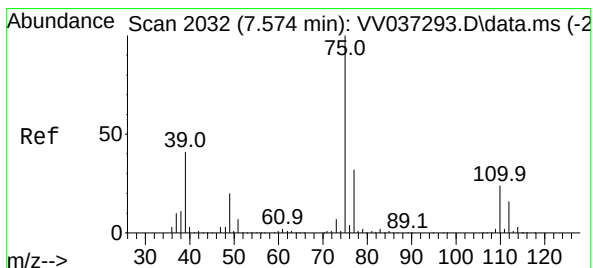
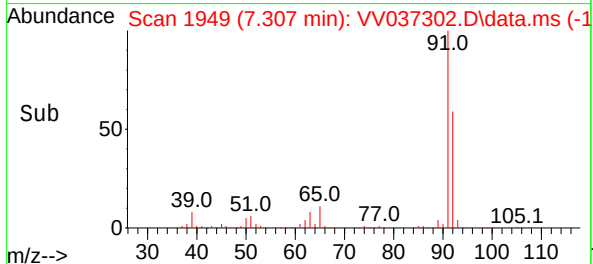
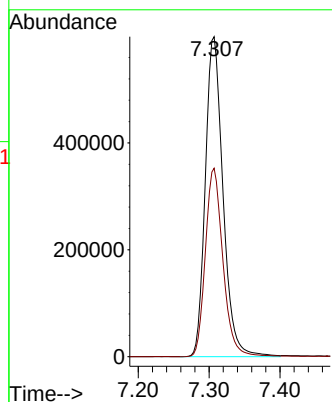
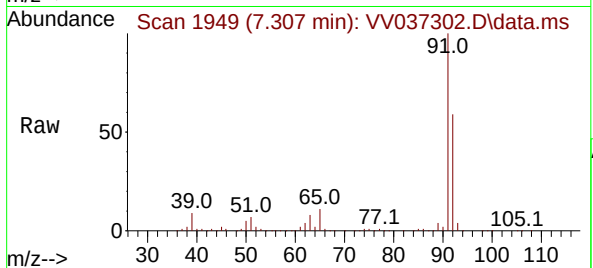
ClientSampleId :

Tgt Ion: 91 Resp: 1038928

Ion Ratio Lower Upper

91 100

92 58.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 54.075 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV037302.D

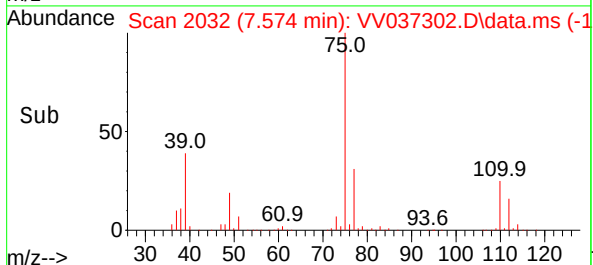
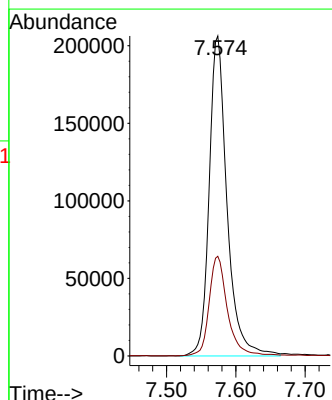
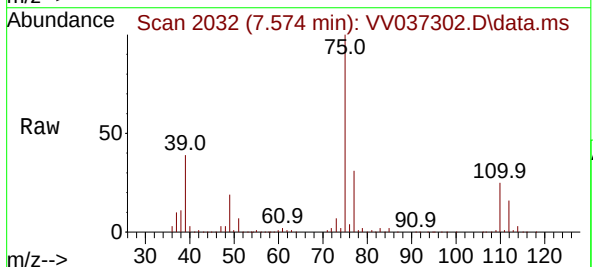
Acq: 16 Sep 2024 14:47

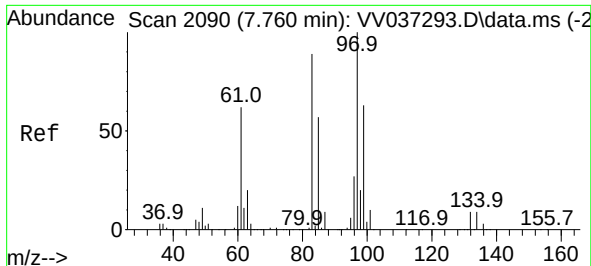
Tgt Ion: 75 Resp: 368611

Ion Ratio Lower Upper

75 100

77 31.2 22.0 40.8

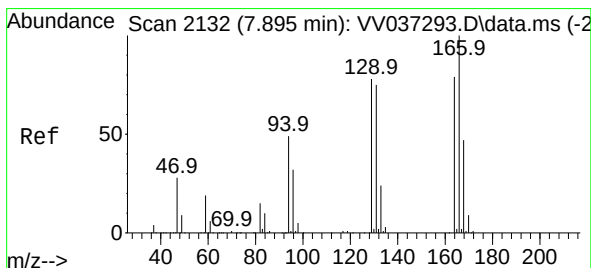
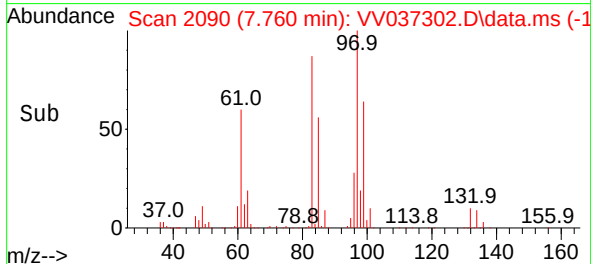
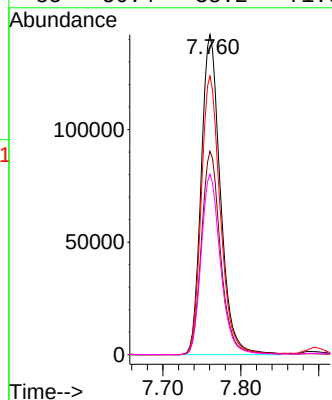
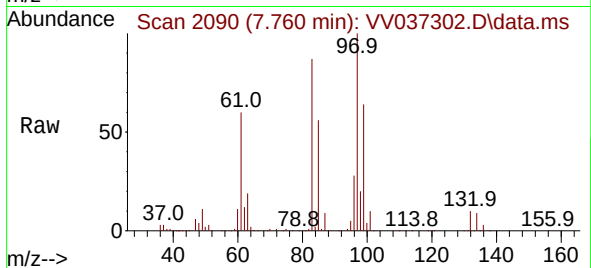




#45
1,1,2-Trichloroethane
Concen: 54.020 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

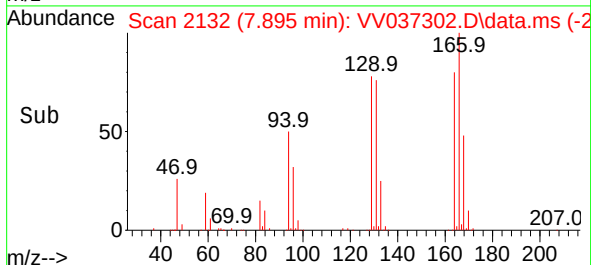
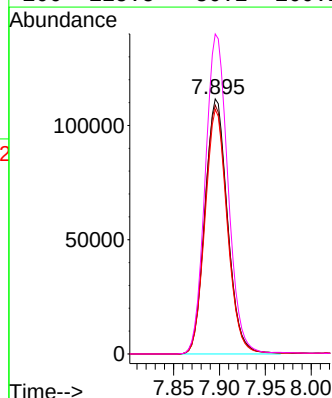
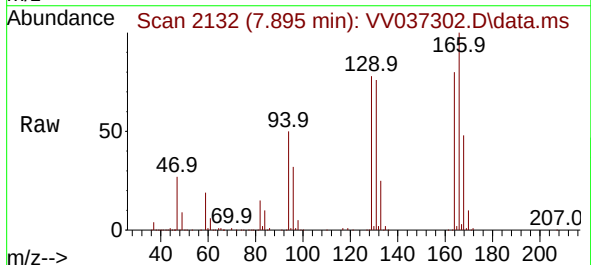
Instrument :
MSVOA_V
ClientSampleId :

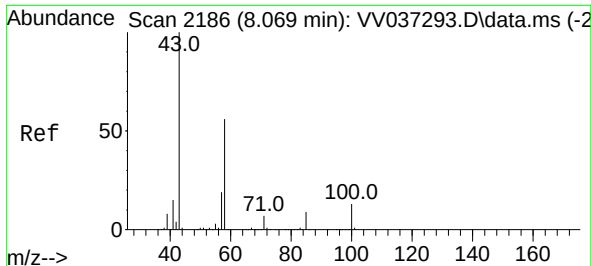
Tgt Ion:	97	Resp:	243017
Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.6	79.0
83	87.1	60.5	112.3
85	56.4	38.2	71.0



#46
Tetrachloroethene
Concen: 55.792 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

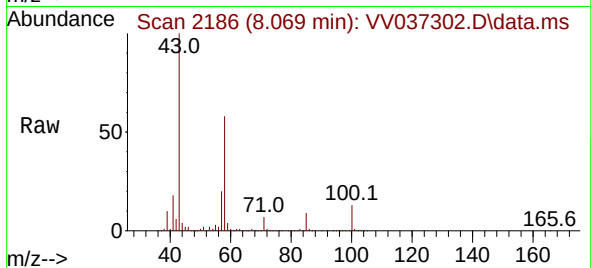
Tgt Ion:	164	Resp:	190462
Ion	Ratio	Lower	Upper
164	100		
129	97.5	67.1	124.7
131	95.8	67.0	124.4
166	125.5	86.2	160.2



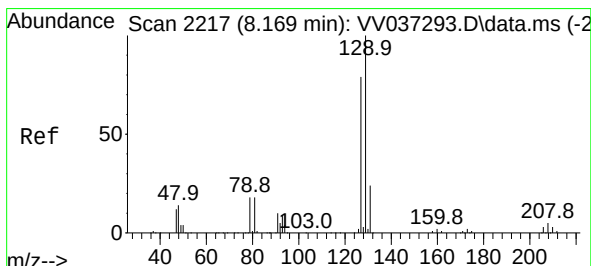
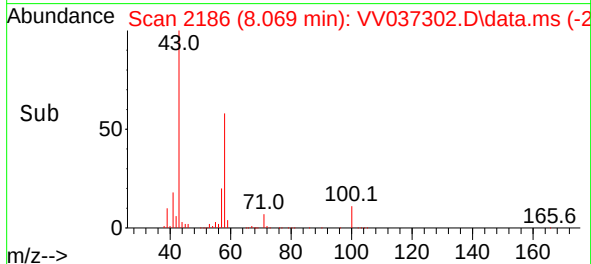
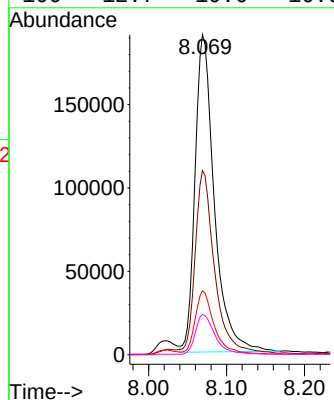


#48
2-Hexanone
Concen: 86.268 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Instrument :
MSVOA_V
ClientSampleId :

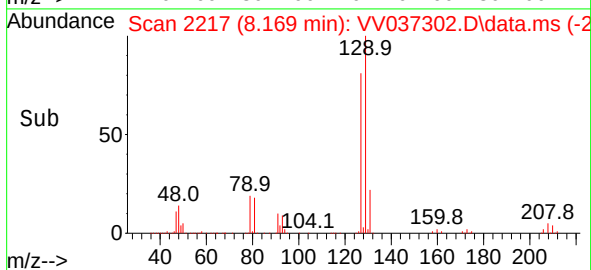
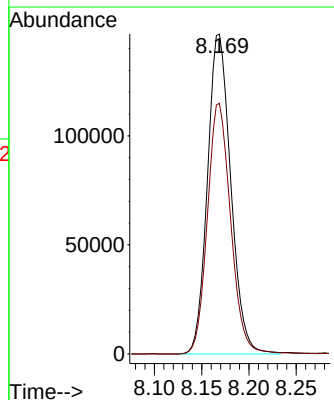
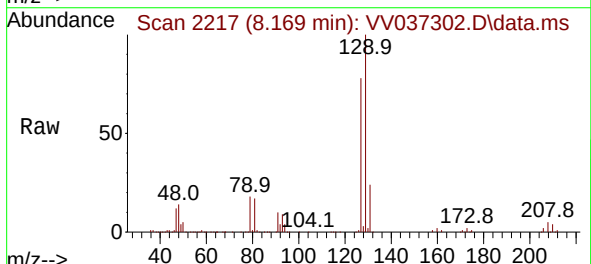


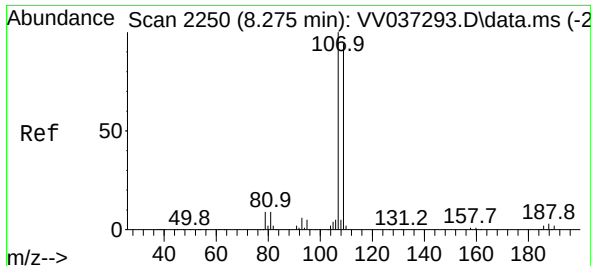
Tgt Ion:	43	Resp:	327790
Ion	Ratio	Lower	Upper
43	100		
58	58.5	46.0	69.0
57	19.3	15.6	23.4
100	12.7	10.6	16.0



#49
Dibromochloromethane
Concen: 55.919 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion:	129	Resp:	251890
Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.7	101.7

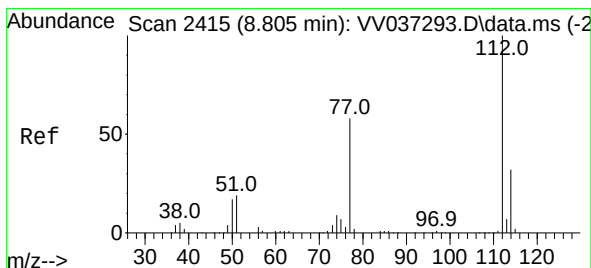
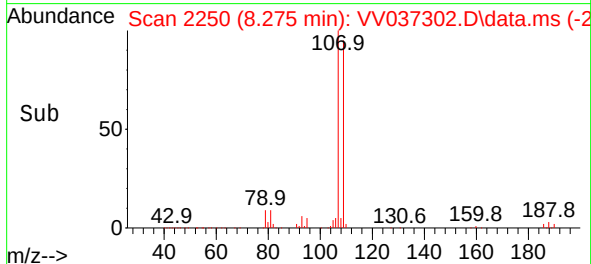
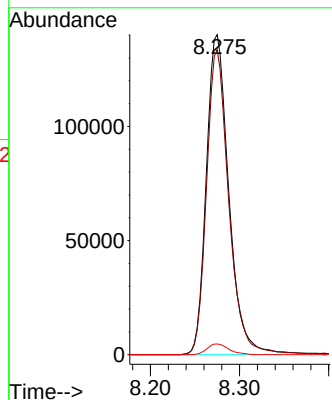
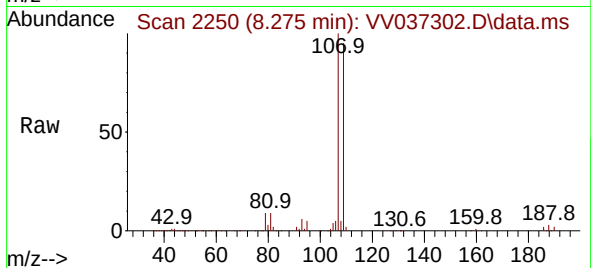




#50
1,2-Dibromoethane
Concen: 53.864 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

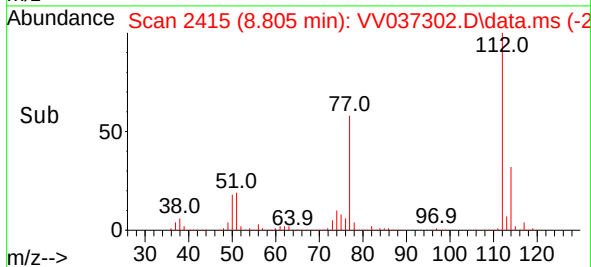
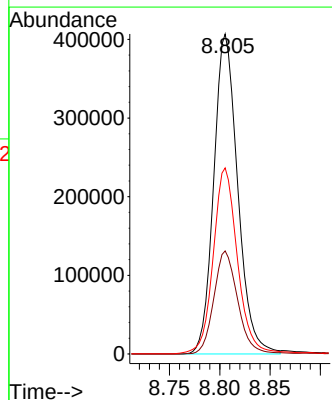
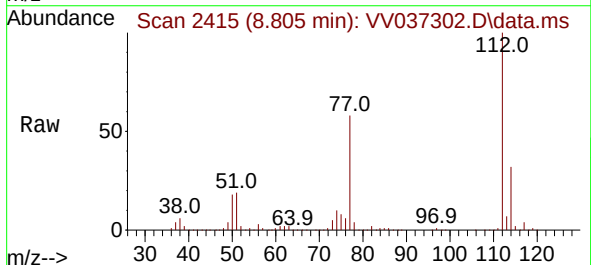
Instrument :
MSVOA_V
ClientSampleId :

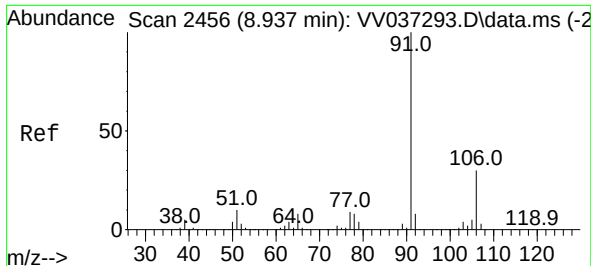
Tgt Ion:107 Resp: 245199
Ion Ratio Lower Upper
107 100
109 95.3 66.6 123.6
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 54.325 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion:112 Resp: 674998
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 58.1 47.8 71.8

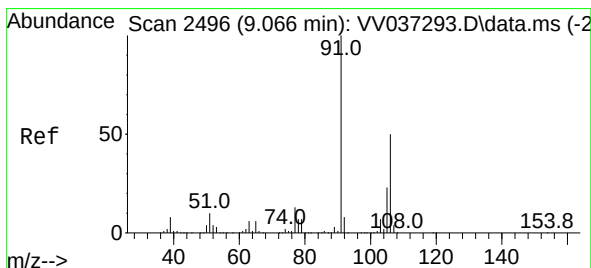
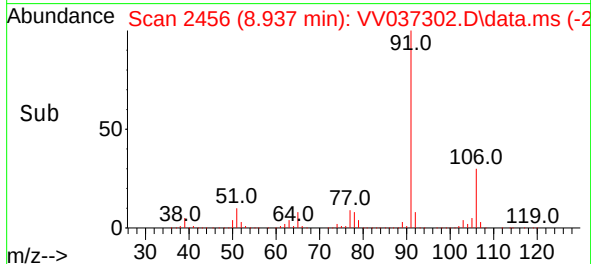
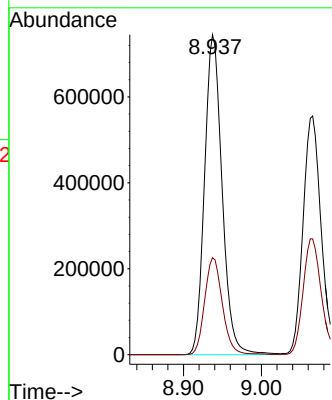
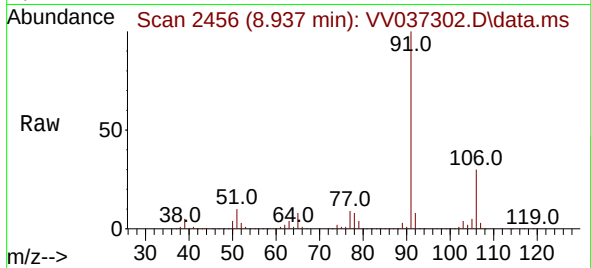




#52
Ethylbenzene
Concen: 54.879 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

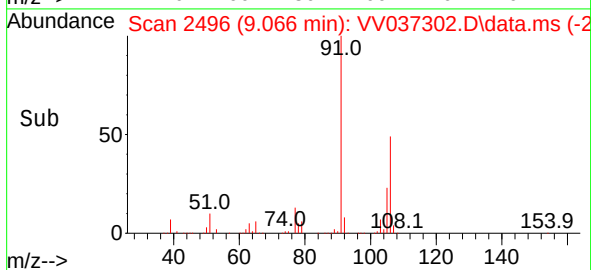
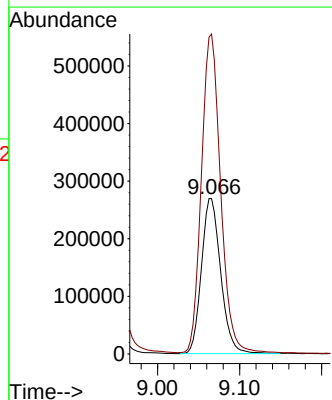
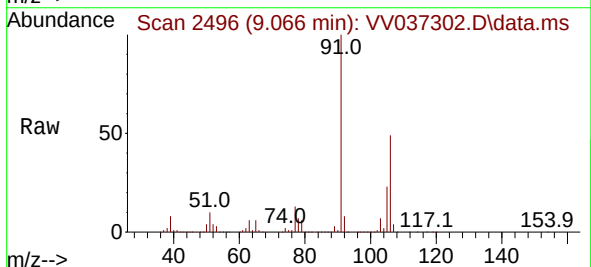
Instrument :
MSVOA_V
ClientSampleId :

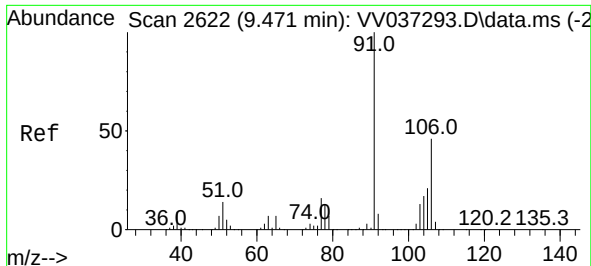
Tgt Ion: 91 Resp: 1163408
Ion Ratio Lower Upper
91 100
106 30.3 21.4 39.8



#53
m,p-Xylene
Concen: 55.820 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion:106 Resp: 438444
Ion Ratio Lower Upper
106 100
91 205.9 143.0 265.6

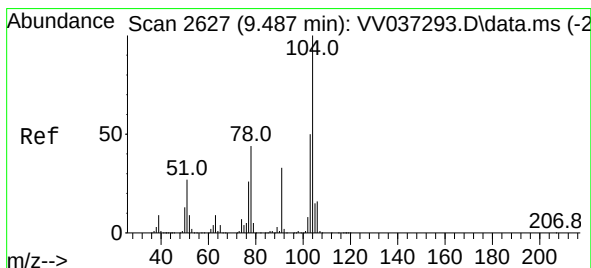
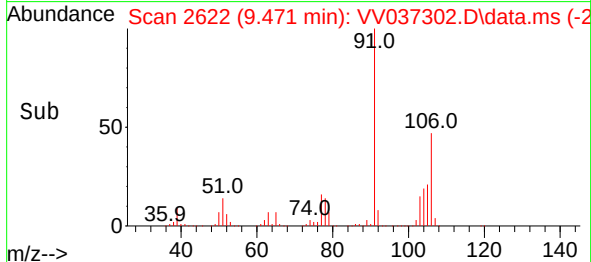
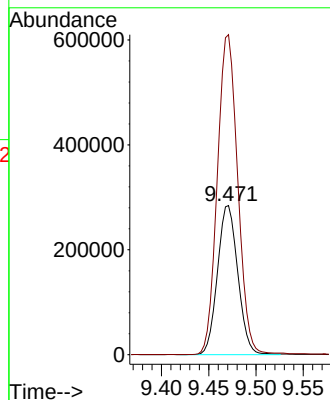
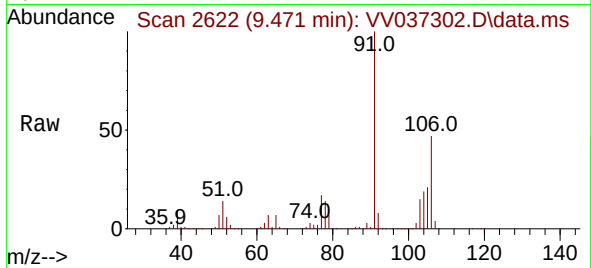




#54
o-Xylene
Concen: 55.217 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

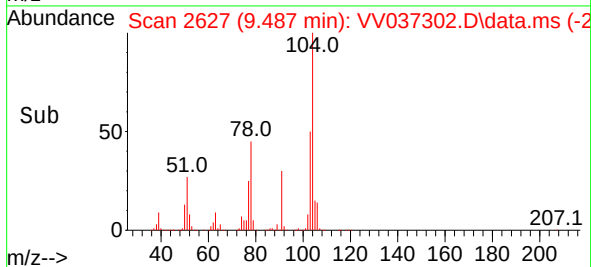
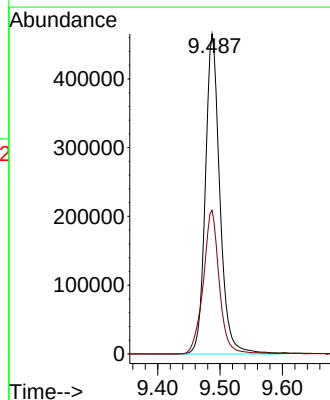
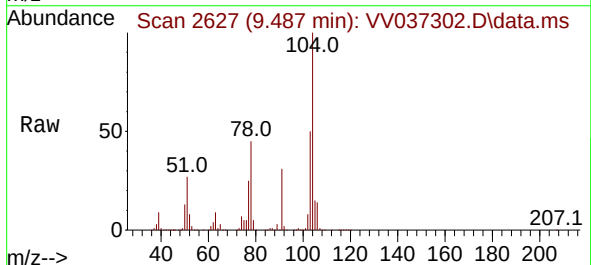
Instrument :
MSVOA_V
ClientSampleId :

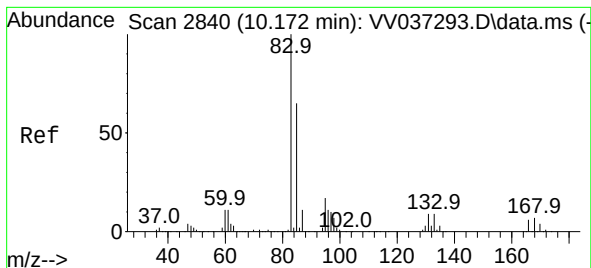
Tgt Ion:106 Resp: 424652
Ion Ratio Lower Upper
106 100
91 214.5 153.2 284.6



#55
Styrene
Concen: 56.539 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion:104 Resp: 754486
Ion Ratio Lower Upper
104 100
78 44.9 30.9 57.5

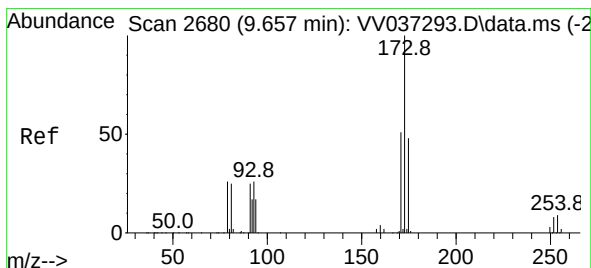
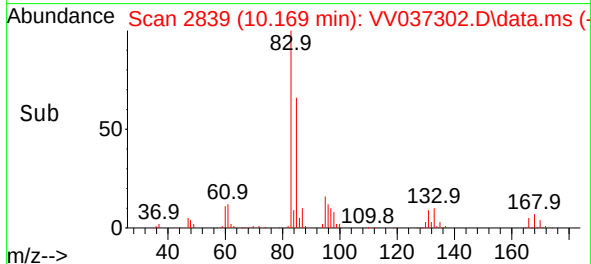
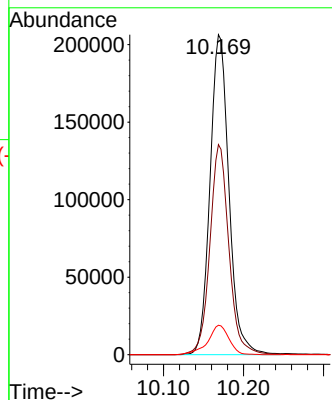
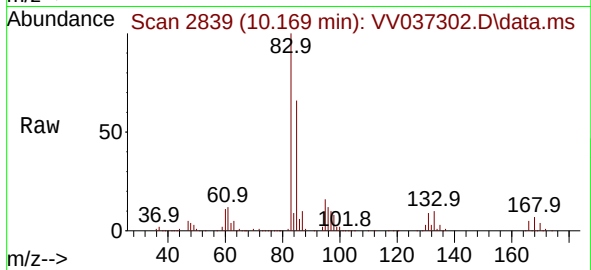




#57
1,1,2,2-Tetrachloroethane
Concen: 50.863 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

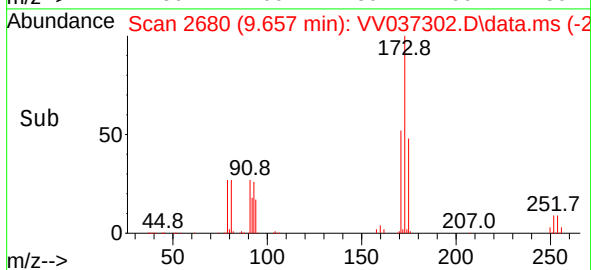
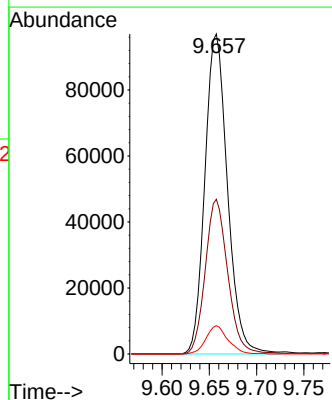
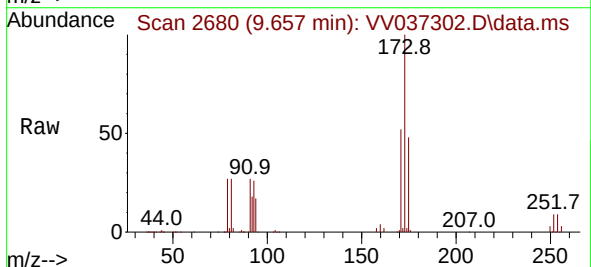
Instrument :
MSVOA_V
ClientSampleId :

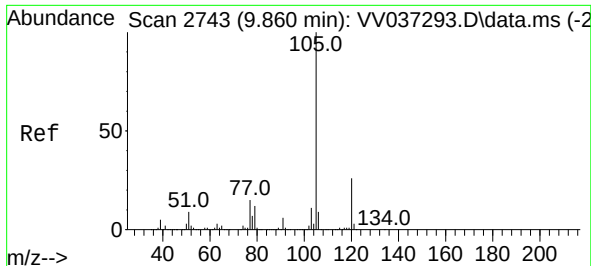
Tgt Ion: 83 Resp: 338885
Ion Ratio Lower Upper
83 100
85 65.7 45.1 83.7
131 9.2 7.4 11.0



#59
Bromoform
Concen: 52.668 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion: 173 Resp: 161218
Ion Ratio Lower Upper
173 100
175 48.1 38.7 58.1
254 8.5 6.8 10.2

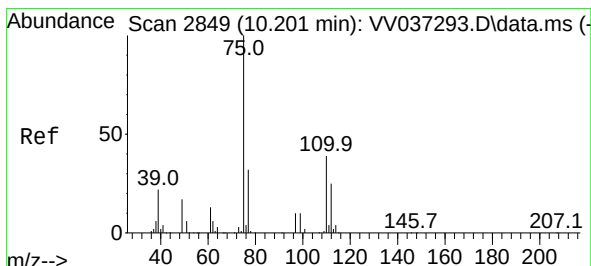
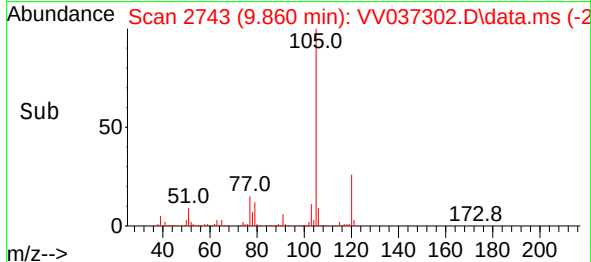
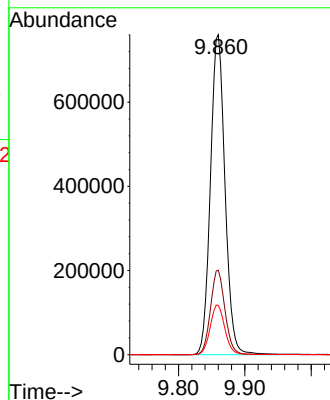
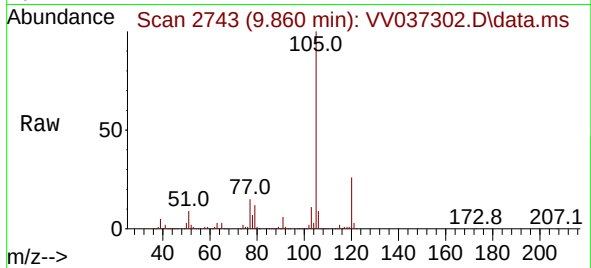




#60
Isopropylbenzene
Concen: 54.452 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

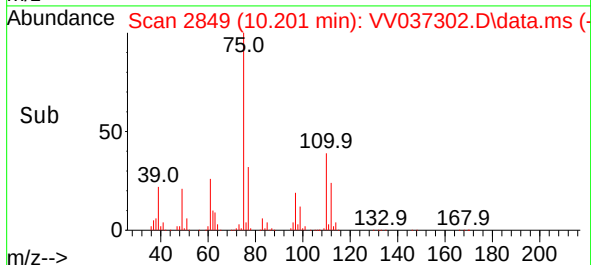
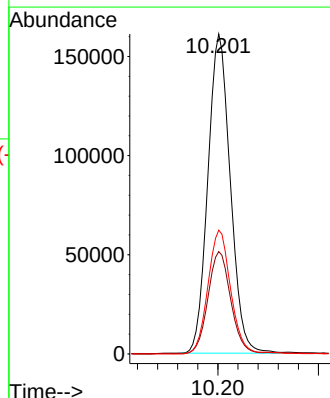
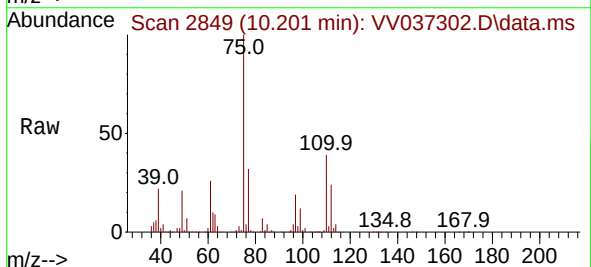
Instrument :
MSVOA_V
ClientSampleId :

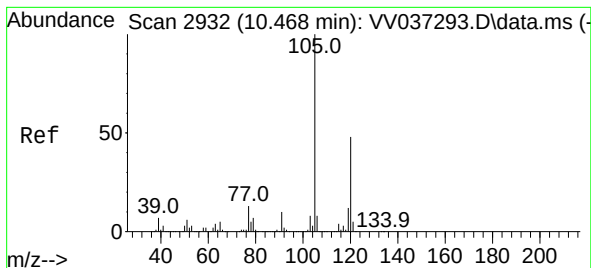
Tgt Ion:105 Resp: 1160416
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 48.679 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion: 75 Resp: 248927
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
110 39.2 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 54.246 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

Instrument :

MSVOA_V

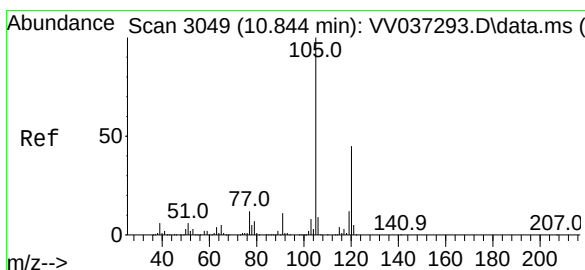
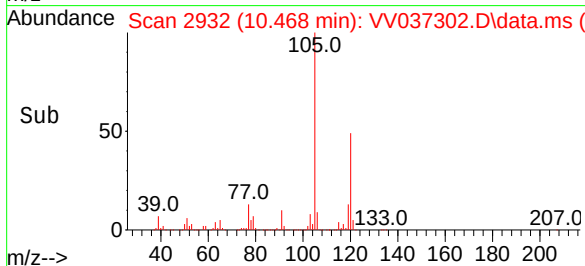
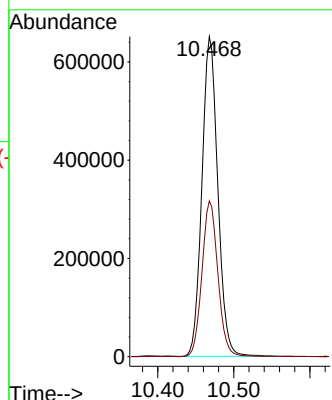
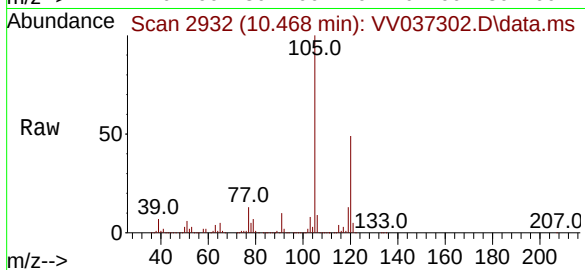
ClientSampleId :

Tgt Ion:105 Resp: 945812

Ion Ratio Lower Upper

105 100

120 48.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 54.162 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037302.D

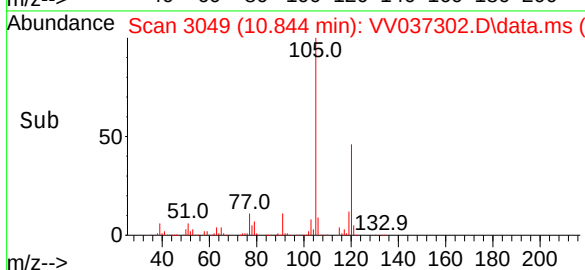
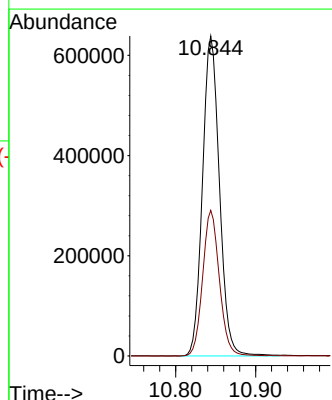
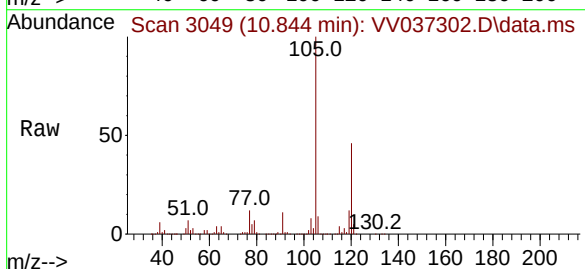
Acq: 16 Sep 2024 14:47

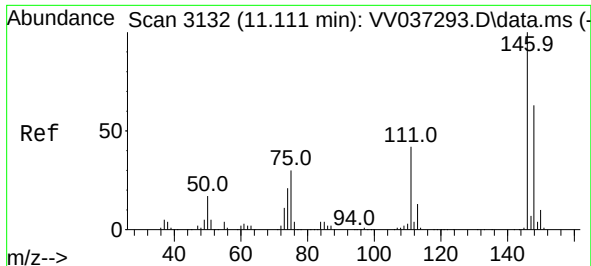
Tgt Ion:105 Resp: 942422

Ion Ratio Lower Upper

105 100

120 44.9 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 53.851 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

Instrument :

MSVOA_V

ClientSampleId :

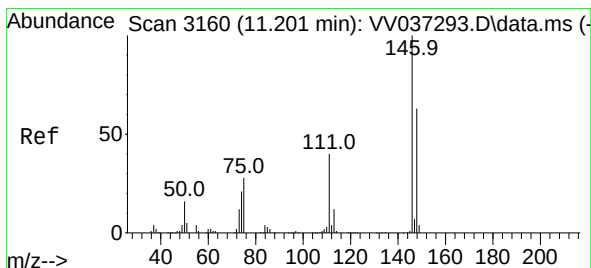
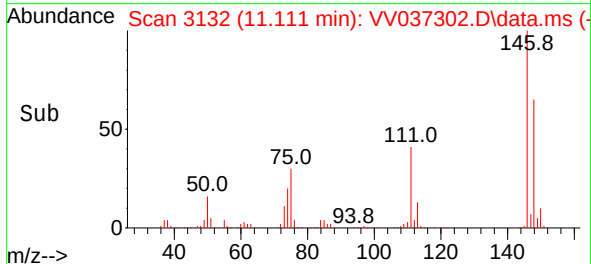
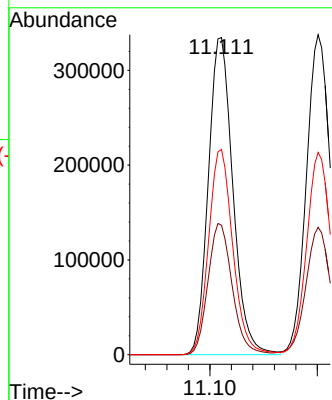
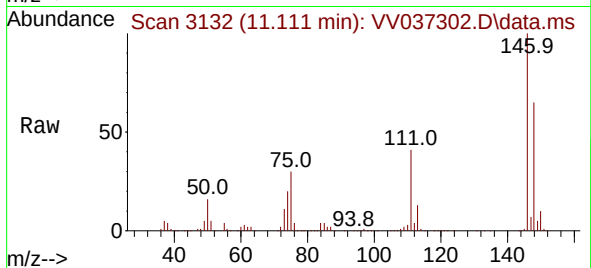
Tgt Ion:146 Resp: 529920

Ion Ratio Lower Upper

146 100

111 40.8 29.7 55.1

148 64.7 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 54.572 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

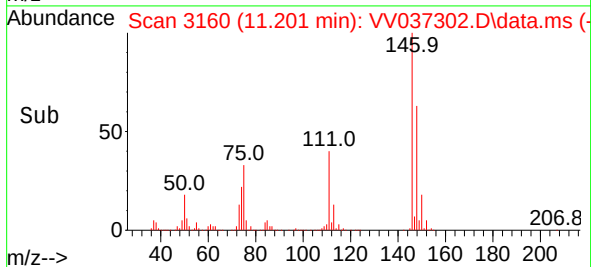
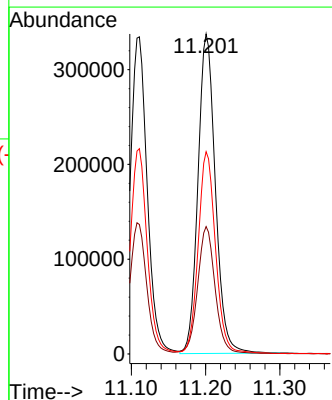
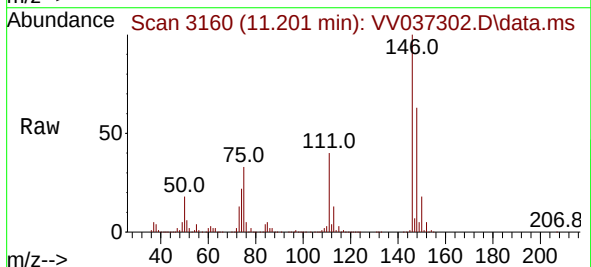
Tgt Ion:146 Resp: 549639

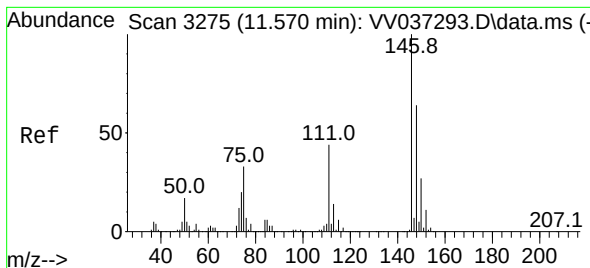
Ion Ratio Lower Upper

146 100

111 39.8 28.1 52.1

148 63.2 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 53.816 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

Instrument :

MSVOA_V

ClientSampleId :

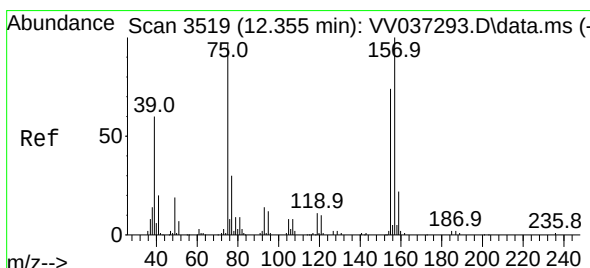
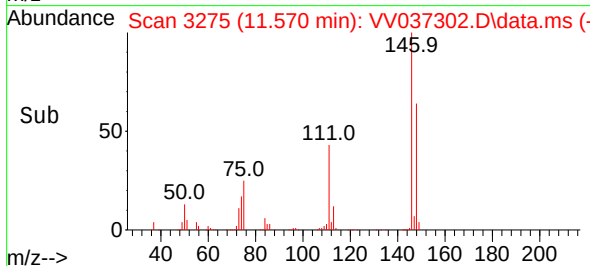
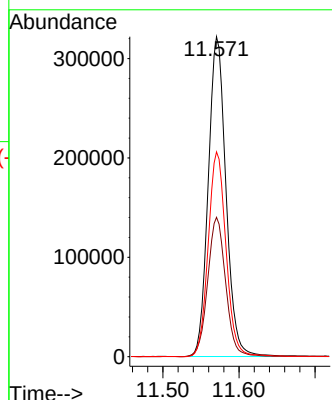
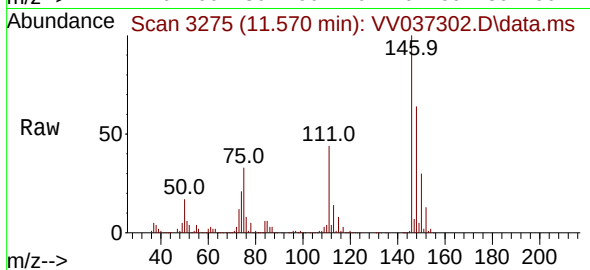
Tgt Ion:146 Resp: 520720

Ion Ratio Lower Upper

146 100

111 43.5 34.6 51.8

148 64.0 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 45.071 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.003 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

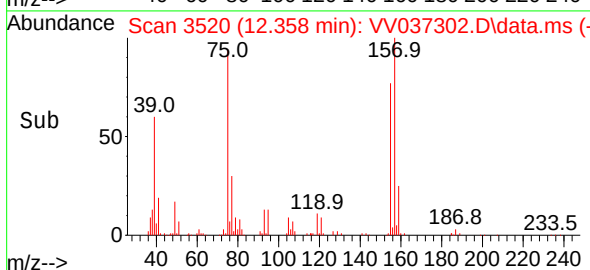
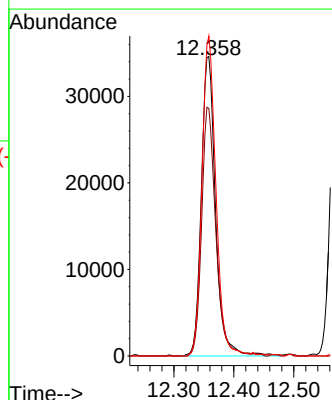
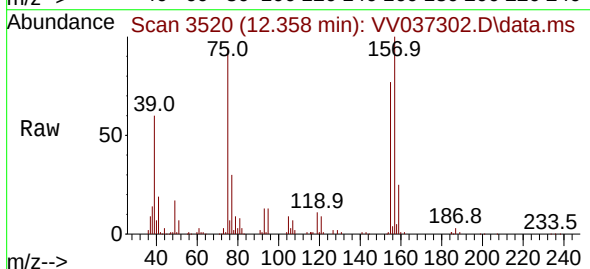
Tgt Ion: 75 Resp: 57478

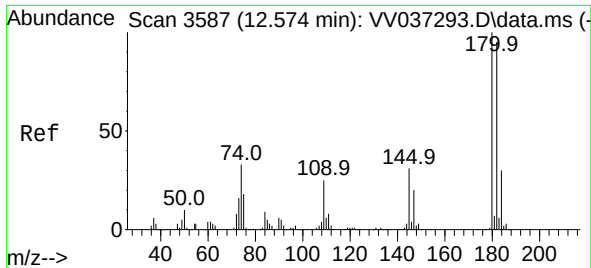
Ion Ratio Lower Upper

75 100

155 82.7 61.8 92.6

157 106.9 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 53.652 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 367368

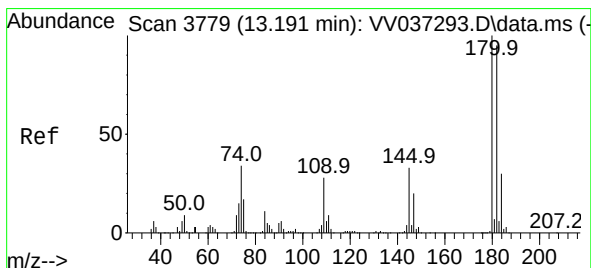
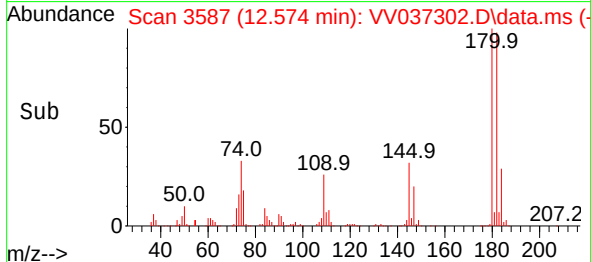
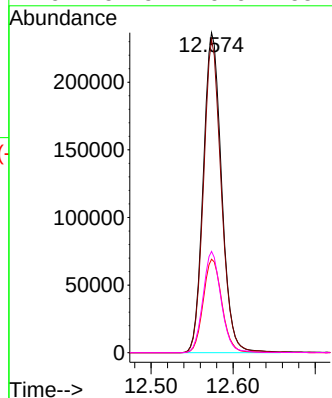
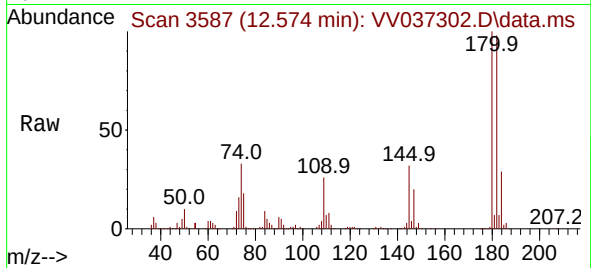
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

184 29.7 24.2 36.2

145 31.3 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 51.670 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037302.D

Acq: 16 Sep 2024 14:47

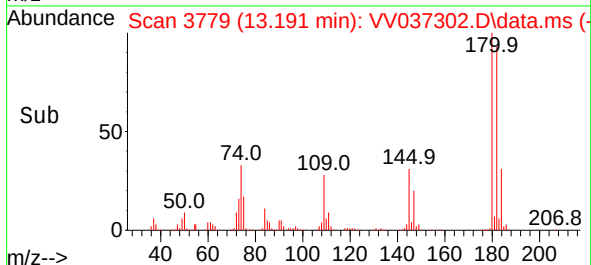
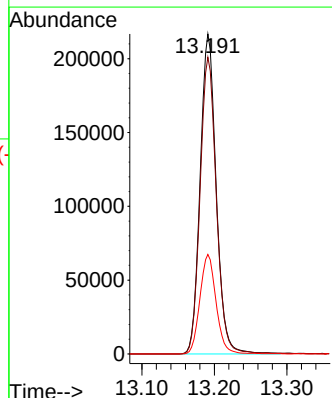
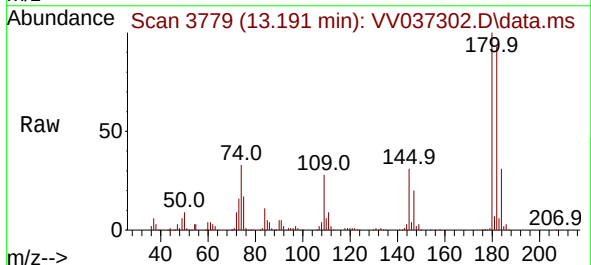
Tgt Ion:180 Resp: 333147

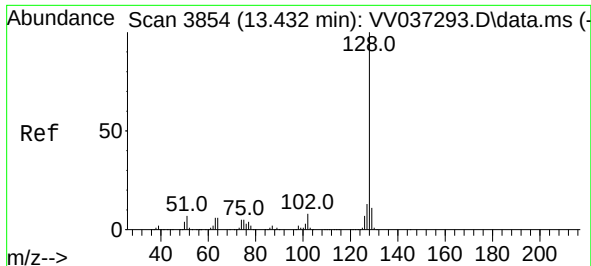
Ion Ratio Lower Upper

180 100

182 93.8 75.7 113.5

145 31.2 26.0 39.0

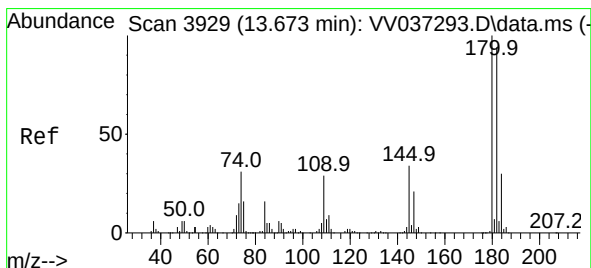
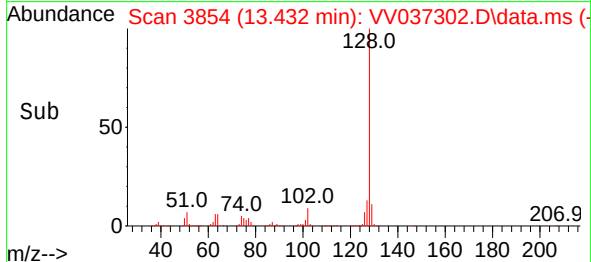
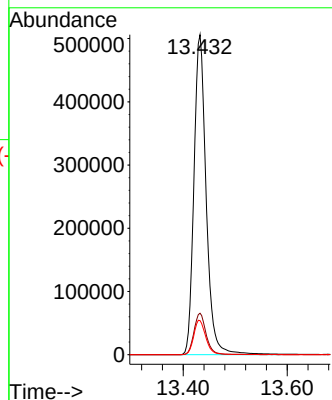
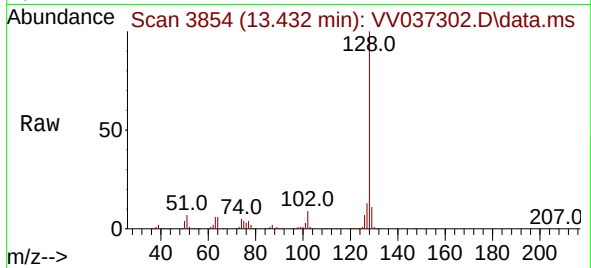




#71
Naphthalene
Concen: 44.458 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 827715
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 51.333 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV037302.D
Acq: 16 Sep 2024 14:47

Tgt Ion:180 Resp: 326164
Ion Ratio Lower Upper
180 100
182 94.9 75.1 112.7
145 34.1 27.0 40.4

