

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037181.D
 Acq On : 30 Aug 2024 00:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 30 01:45:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 30 01:20:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	587756	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	572806	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	290370	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	201191	37.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.840%
7) Chloroethane-d5	1.532	69	171677	41.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.620%
11) 1,1-Dichloroethene-d2	2.060	65	93725	41.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.960%
21) 2-Butanone-d5	3.793	46	171772	82.501	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.500%
24) Chloroform-d	4.243	84	402168	47.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
26) 1,2-Dichloroethane-d4	4.937	65	244675	46.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.340%
32) Benzene-d6	4.953	84	772519	44.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.300%
36) 1,2-Dichloropropane-d6	5.986	67	247981	45.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.520%
41) Toluene-d8	7.236	98	692653	44.360	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.720%
43) trans-1,3-Dichloroprop...	7.551	79	103931	41.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.920%
47) 2-Hexanone-d5	8.024	63	132960	89.904	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.900%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	307507	46.790	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.580%
66) 1,2-Dichlorobenzene-d4	11.554	152	261834	45.023	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.040%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	250631	50.461	ug/L	99
3) Chloromethane	1.217	50	261906	46.888	ug/L	99
5) Vinyl chloride	1.282	62	269973	51.485	ug/L	100
6) Bromomethane	1.487	94	151586	51.591	ug/L	100
8) Chloroethane	1.548	64	167516	52.228	ug/L	99
9) Trichlorofluoromethane	1.712	101	357918	52.304	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	210873	51.810	ug/L	100
12) 1,1-Dichloroethene	2.069	96	197344	51.464	ug/L	96
13) Acetone	2.111	43	140696	63.008	ug/L	98
14) Carbon disulfide	2.240	76	555849	47.749	ug/L	100
15) Methyl Acetate	2.372	43	193143	51.593	ug/L	99
16) Methylene chloride	2.442	84	229301	53.000	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	205990	51.746	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	647925	51.742	ug/L	100
19) 1,1-Dichloroethane	3.105	63	421587	53.328	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	226641	51.524	ug/L	98
22) 2-Butanone	3.873	43	198220	80.625	ug/L	98
23) Bromochloromethane	4.140	128	115934	53.691	ug/L	97
25) Chloroform	4.272	83	420667	52.542	ug/L	99

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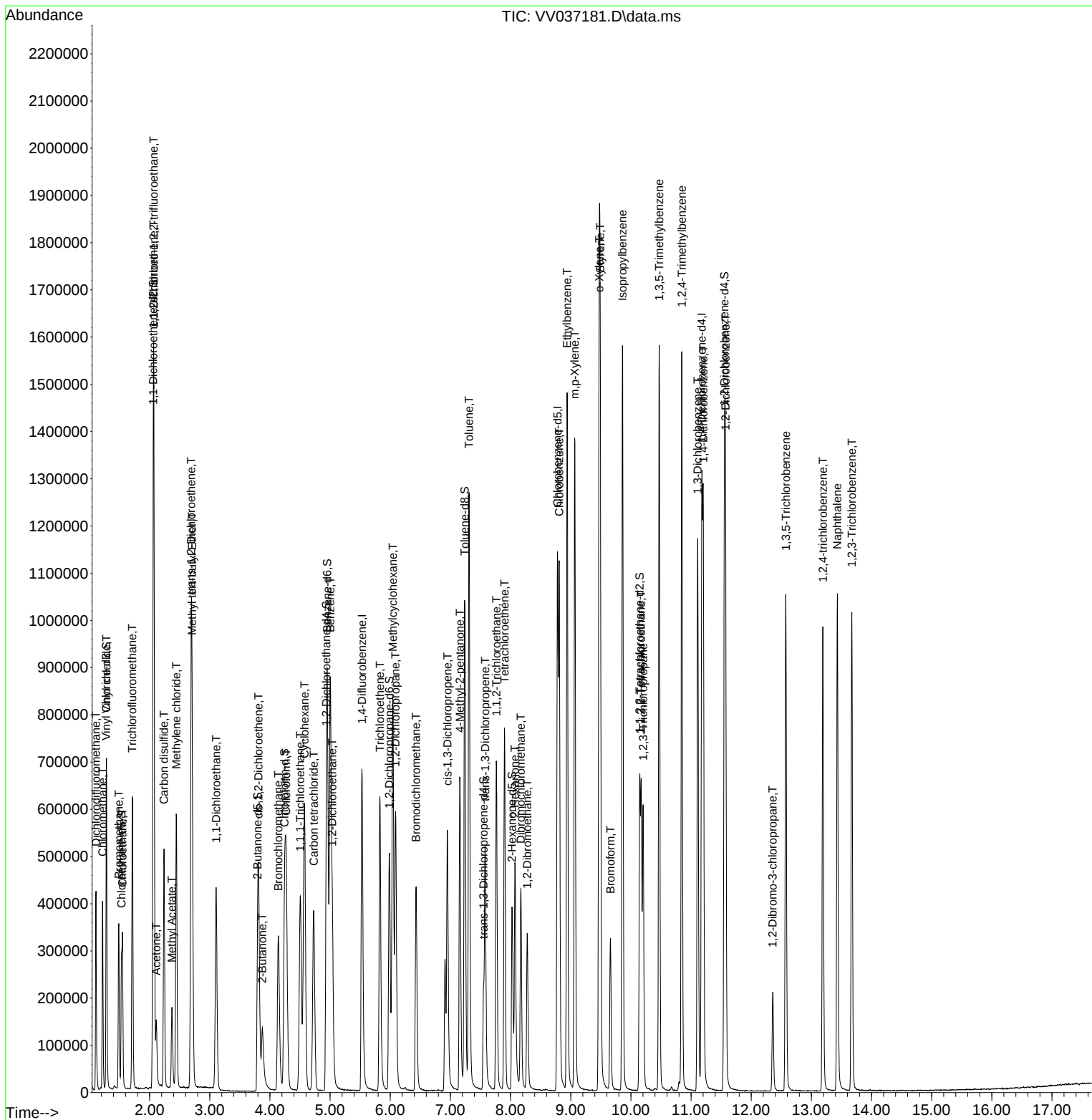
Instrument :
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 ClientSampleId :

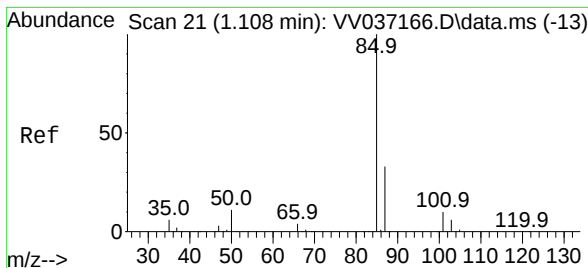
Quant Time: Aug 30 01:45:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 30 01:20:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	311443	53.030	ug/L	100
29) Cyclohexane	4.574	56	335180	49.767	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	342174	51.916	ug/L	99
31) Carbon tetrachloride	4.728	117	287560	51.706	ug/L	99
33) Benzene	5.002	78	881969	53.353	ug/L	100
34) Trichloroethene	5.828	95	226646	51.945	ug/L	98
35) Methylcyclohexane	6.043	83	351037	49.518	ug/L	98
37) 1,2-Dichloropropane	6.088	63	228545	51.570	ug/L	99
38) Bromodichloromethane	6.429	83	298629	52.574	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	339486	48.542	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	449635	99.797	ug/L	99
42) Toluene	7.310	91	922476	53.596	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	300924	48.139	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	215034	52.123	ug/L	98
46) Tetrachloroethene	7.899	164	163569	52.249	ug/L	98
48) 2-Hexanone	8.072	43	311104	89.283	ug/L	98
49) Dibromochloromethane	8.172	129	212138	51.354	ug/L	99
50) 1,2-Dibromoethane	8.278	107	217374	52.070	ug/L	99
51) Chlorobenzene	8.809	112	593897	52.121	ug/L	100
52) Ethylbenzene	8.940	91	1020514	52.492	ug/L	100
53) m,p-Xylene	9.069	106	384982	53.446	ug/L	98
54) o-Xylene	9.474	106	374114	53.045	ug/L	99
55) Styrene	9.490	104	663118	54.187	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	313836	51.364	ug/L	98
59) Bromoform	9.661	173	134377	49.698	ug/L	100
60) Isopropylbenzene	9.860	105	1001612	53.208	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	232361	51.441	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	809400	52.554	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	811030	52.767	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	448182	51.560	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	465015	52.269	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	446039	52.187	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	51833	46.013	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	299313	49.487	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	280094	49.180	ug/L	99
71) Naphthalene	13.432	128	811165	49.324	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	278706	49.657	ug/L	99

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

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Response via : Initial Calibration

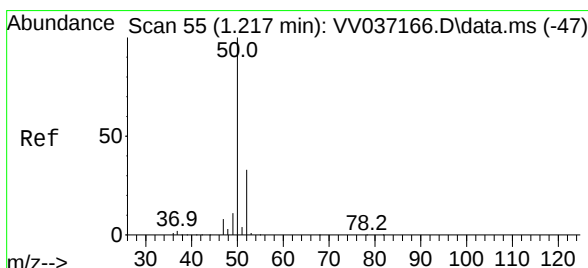
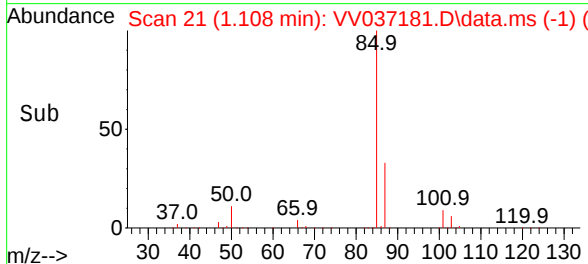
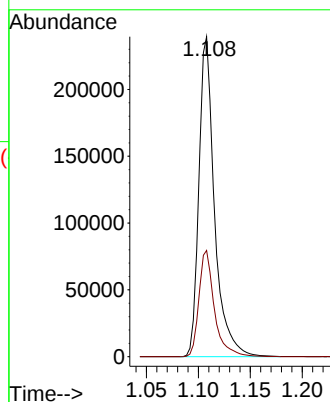
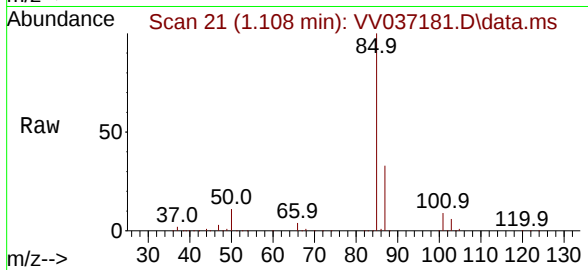




#2
 Dichlorodifluoromethane
 Concen: 50.461 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037181.D
 Acq: 30 Aug 2024 00:41

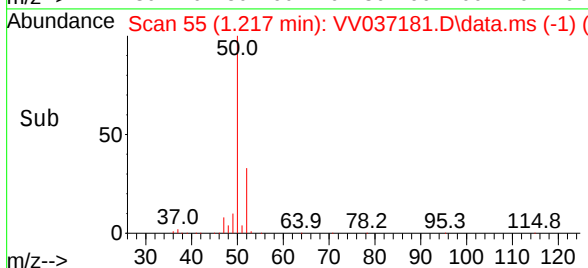
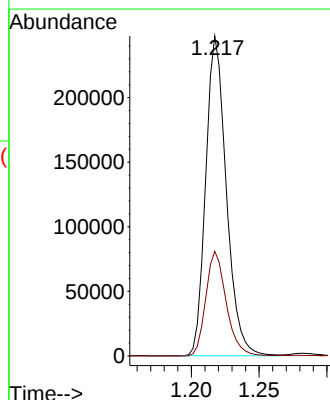
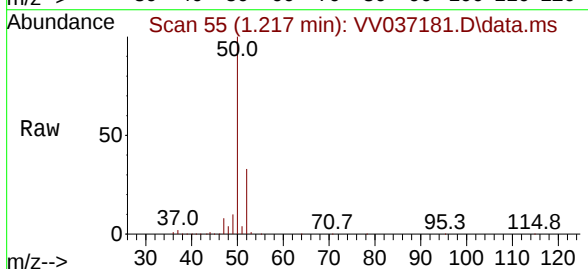
Instrument :
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 ClientSampleId :

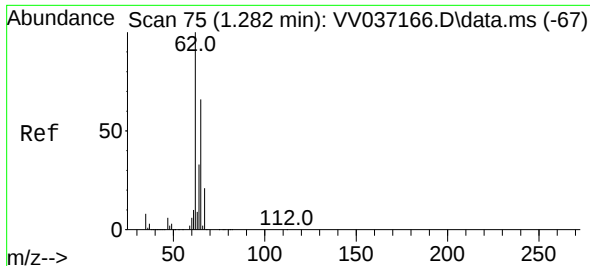
Tgt Ion: 85 Resp: 250631
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.9 38.9



#3
 Chloromethane
 Concen: 46.888 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037181.D
 Acq: 30 Aug 2024 00:41

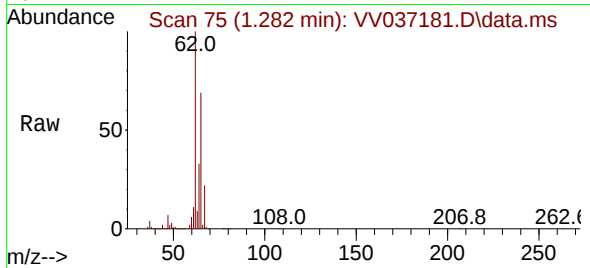
Tgt Ion: 50 Resp: 261906
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.5 41.9



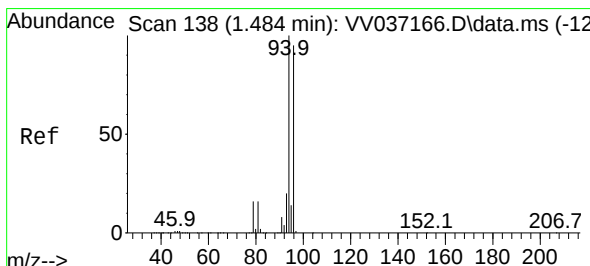
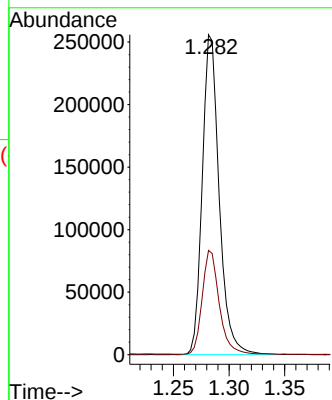
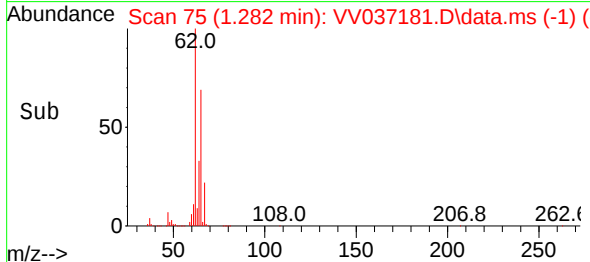


#5
 Vinyl chloride
 Concen: 51.485 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037181.D
 Acq: 30 Aug 2024 00:41

Instrument :
 MSVOA_V
 ClientSampleId :

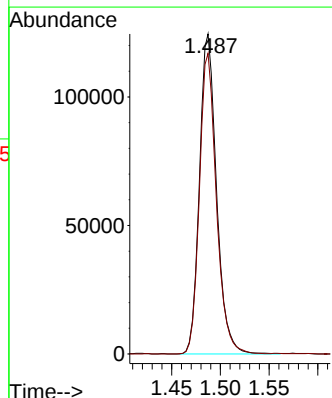
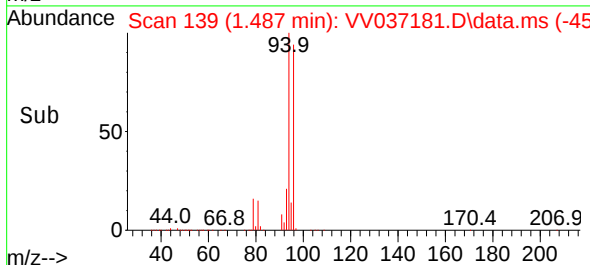
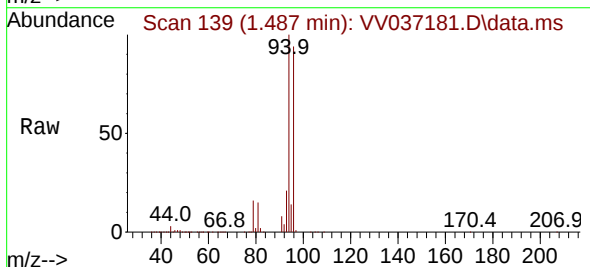


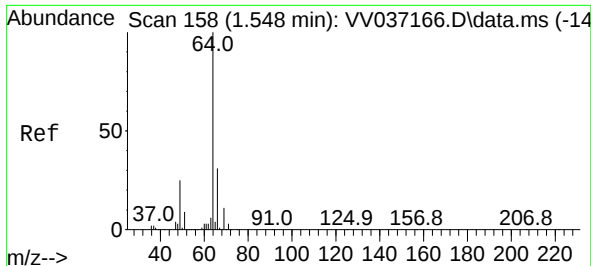
Tgt Ion: 62 Resp: 269973
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 51.591 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV037181.D
 Acq: 30 Aug 2024 00:41

Tgt Ion: 94 Resp: 151586
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.6 121.8

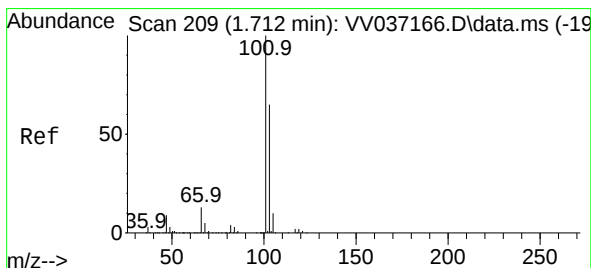
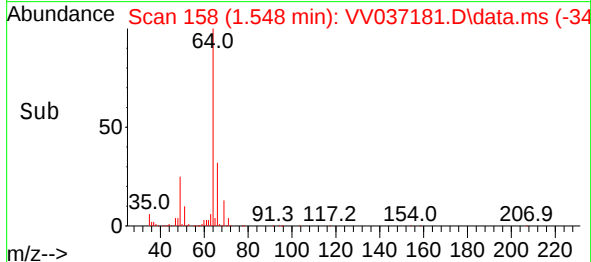
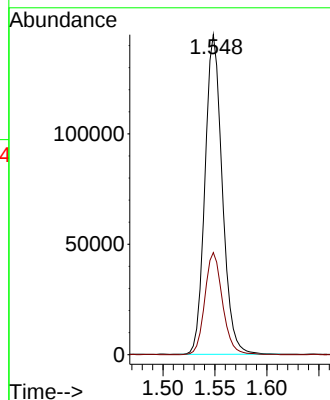
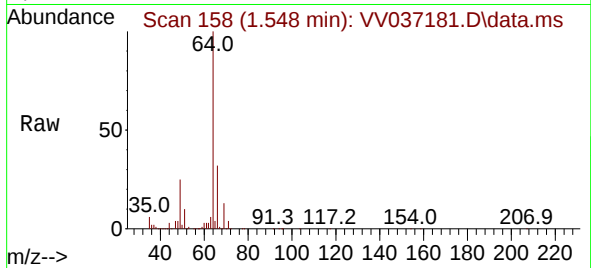




#8
Chloroethane
Concen: 52.228 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

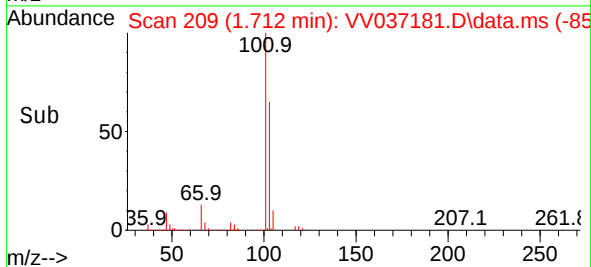
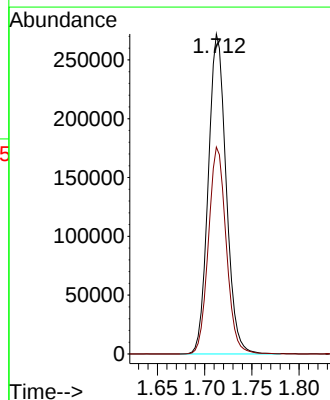
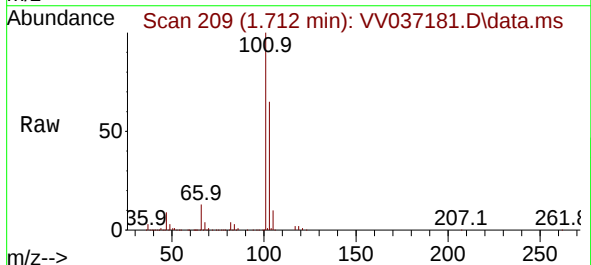
Instrument :
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ClientSampleId :

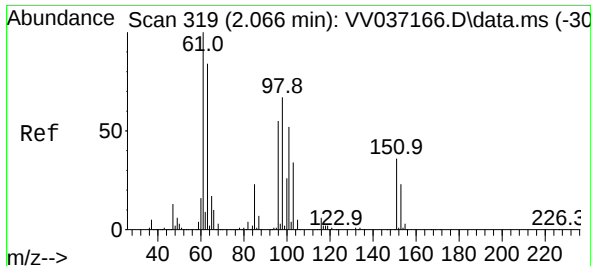
Tgt Ion: 64 Resp: 167516
Ion Ratio Lower Upper
64 100
66 31.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 52.304 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Tgt Ion: 101 Resp: 357918
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5

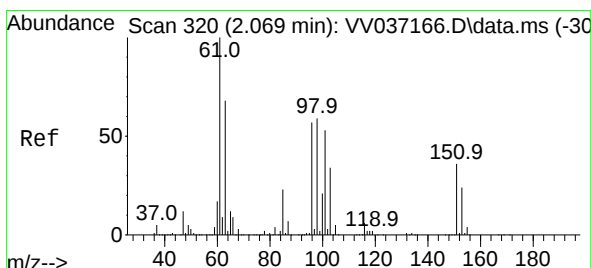
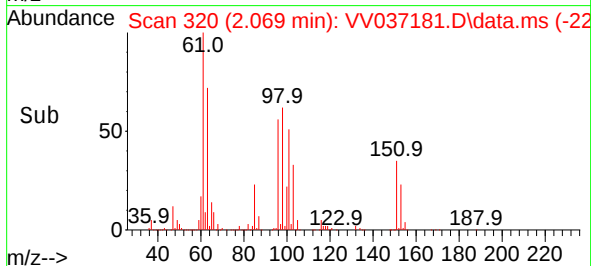
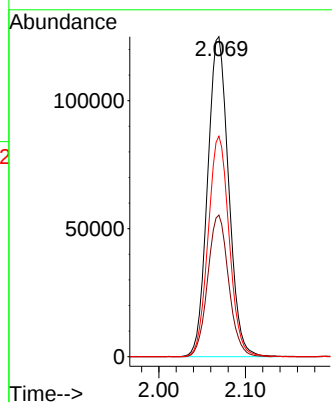
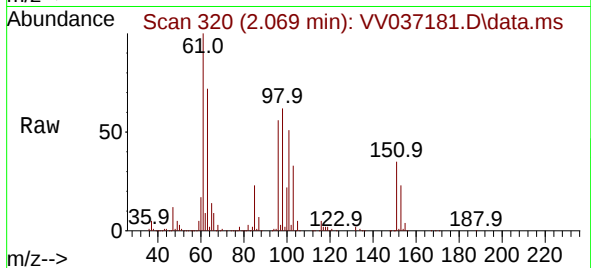




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.810 ug/L
 RT: 2.069 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV037181.D
 Acq: 30 Aug 2024 00:41

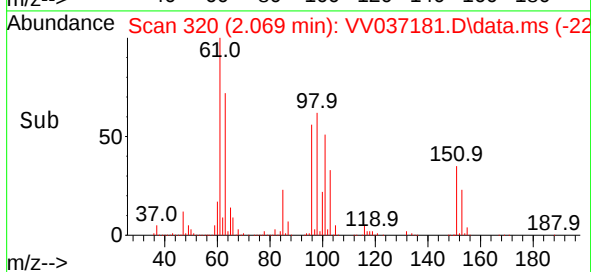
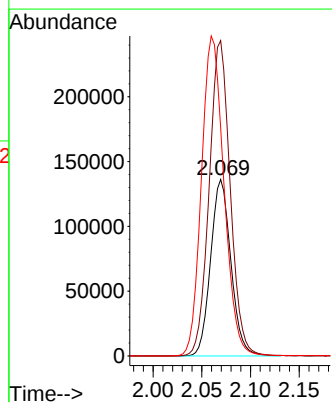
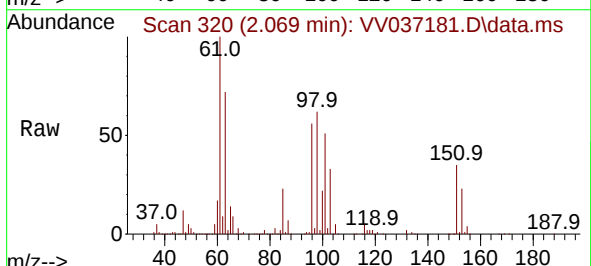
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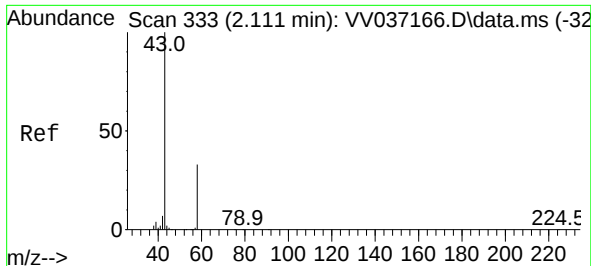
Tgt Ion:101 Resp: 210873
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.6 53.4
 151 69.0 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 51.464 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037181.D
 Acq: 30 Aug 2024 00:41

Tgt Ion: 96 Resp: 197344
 Ion Ratio Lower Upper
 96 100
 61 178.7 123.8 229.8
 63 129.2 96.5 179.1





#13

Acetone

Concen: 63.008 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Instrument :

MSVOA_V

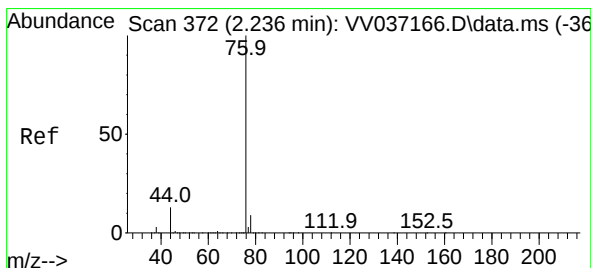
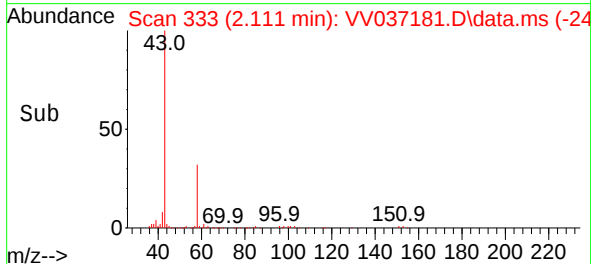
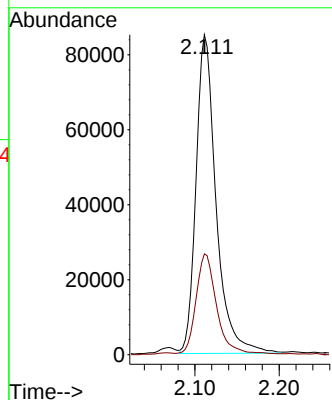
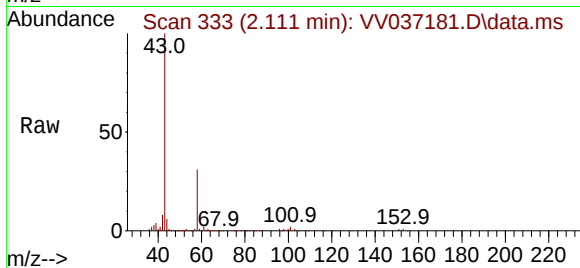
ClientSampleId :

Tgt Ion: 43 Resp: 140696

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.8



#14

Carbon disulfide

Concen: 47.749 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV037181.D

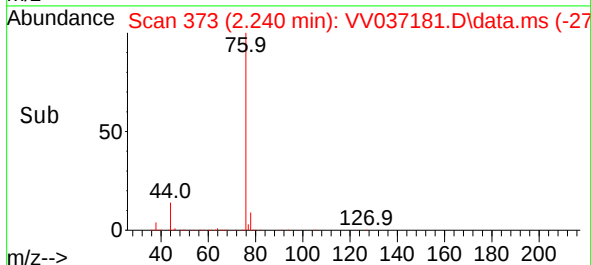
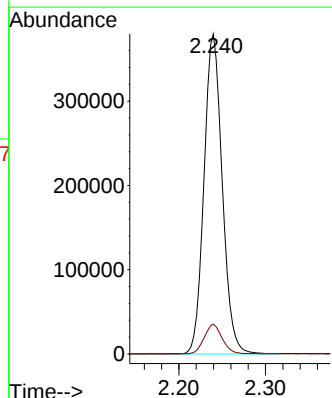
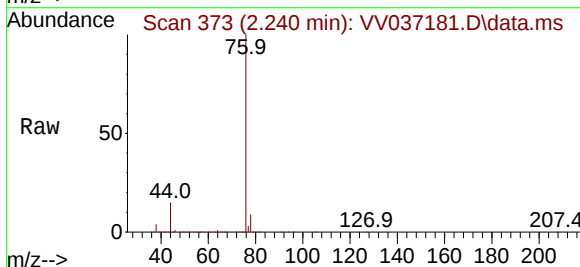
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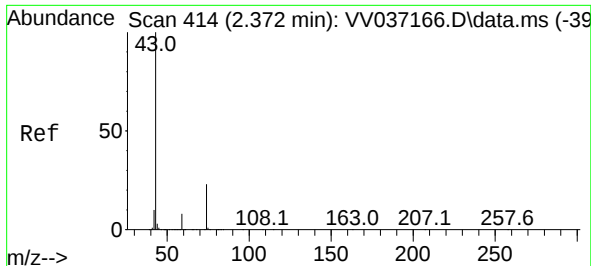
Tgt Ion: 76 Resp: 555849

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 51.593 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Instrument :

MSVOA_V

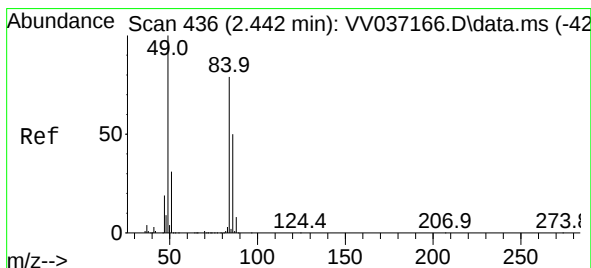
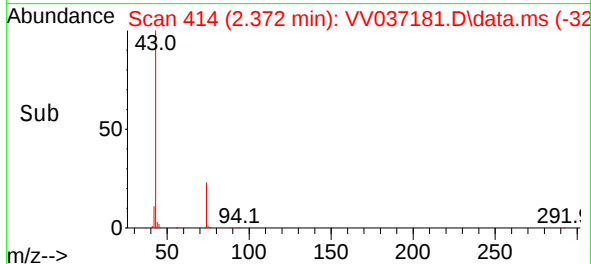
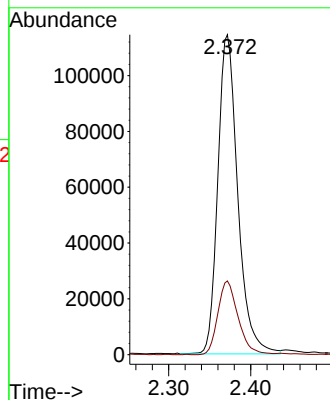
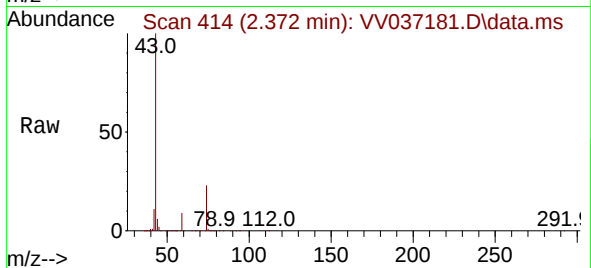
ClientSampleId :

Tgt Ion: 43 Resp: 193143

Ion Ratio Lower Upper

43 100

74 23.5 18.4 27.6



#16

Methylene chloride

Concen: 53.000 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

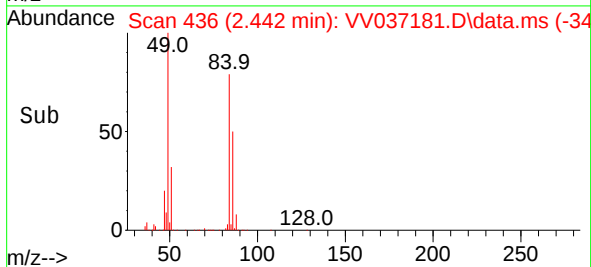
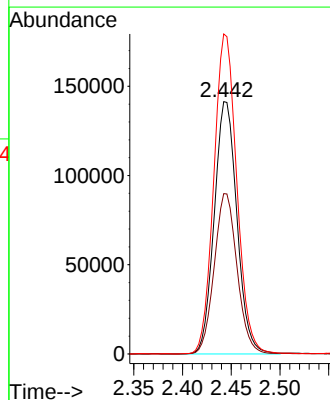
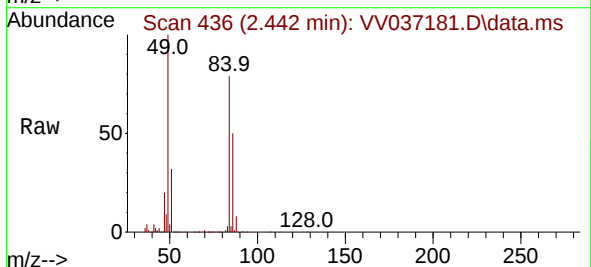
Tgt Ion: 84 Resp: 229301

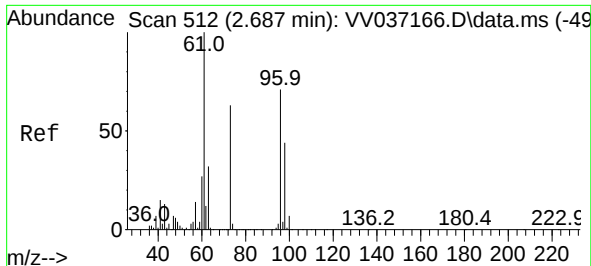
Ion Ratio Lower Upper

84 100

86 63.6 44.7 82.9

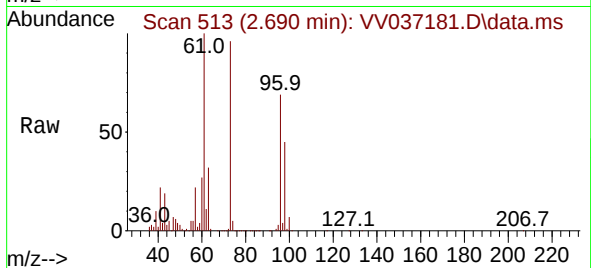
49 126.8 91.4 169.8





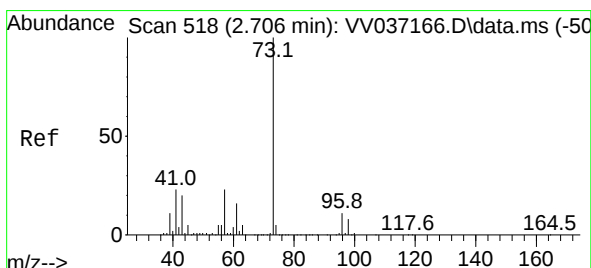
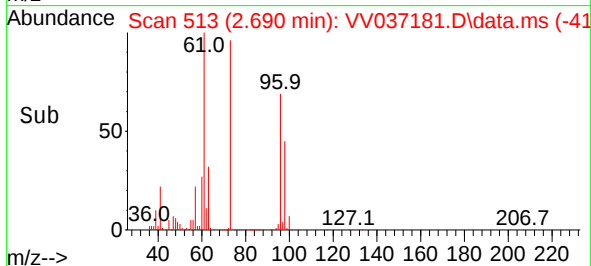
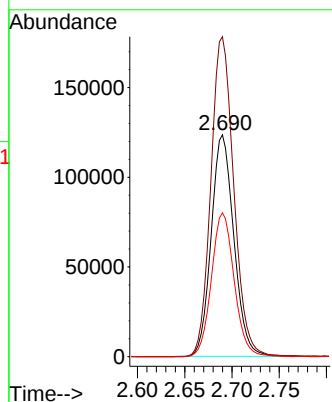
#17
trans-1,2-Dichloroethene
Concen: 51.746 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 205990

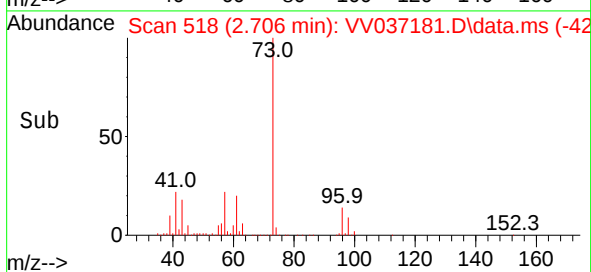
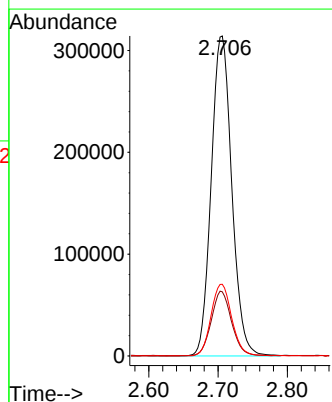
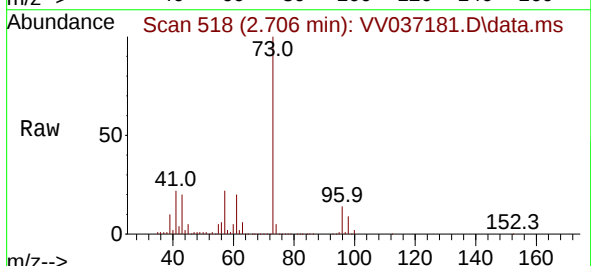
Ion	Ratio	Lower	Upper
96	100		
61	144.2	102.3	189.9
98	64.8	44.8	83.2

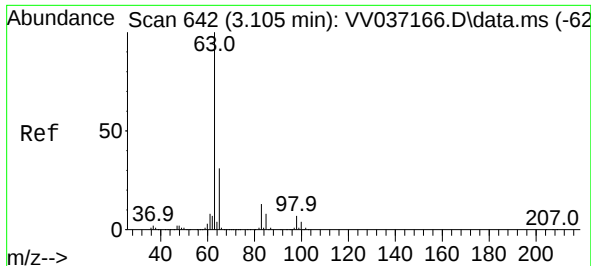


#18
Methyl tert-butyl Ether
Concen: 51.742 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Tgt Ion: 73 Resp: 647925

Ion	Ratio	Lower	Upper
73	100		
43	19.7	15.8	23.6
57	22.5	18.1	27.1

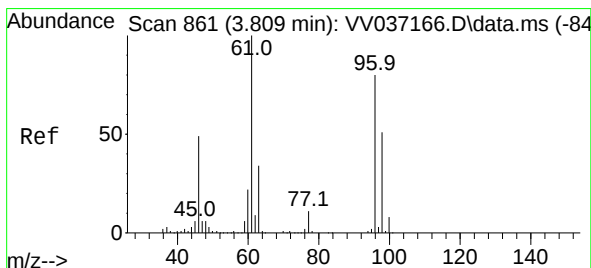
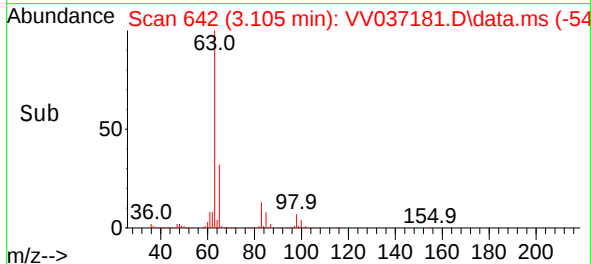
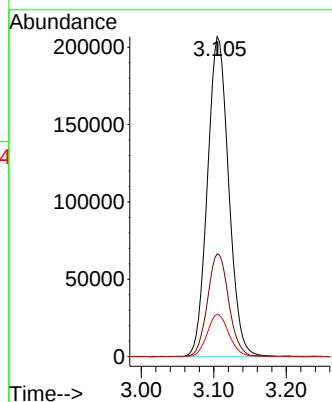
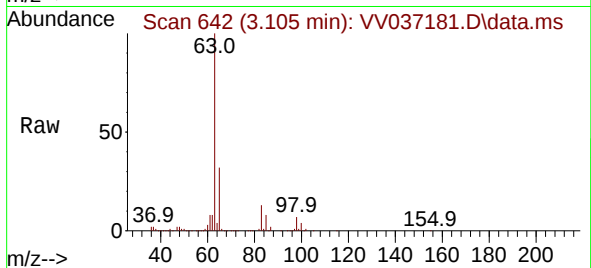




#19
1,1-Dichloroethane
Concen: 53.328 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

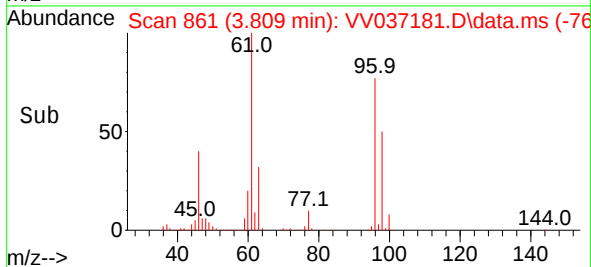
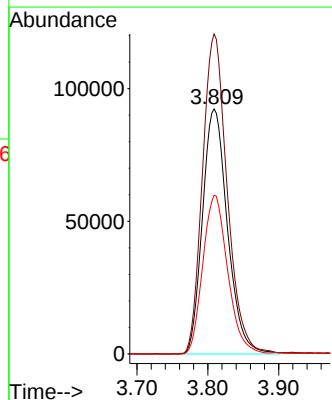
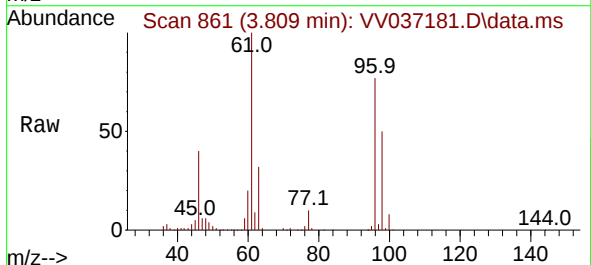
Instrument :
MSVOA_V
ClientSampleId :

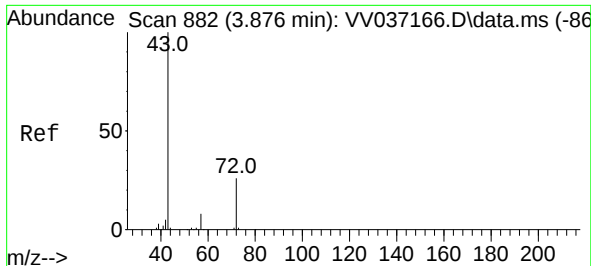
Tgt Ion: 63 Resp: 421587
Ion Ratio Lower Upper
63 100
65 32.2 22.0 41.0
83 13.3 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 51.524 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Tgt Ion: 96 Resp: 226641
Ion Ratio Lower Upper
96 100
61 130.7 89.9 166.9
98 64.9 44.8 83.2

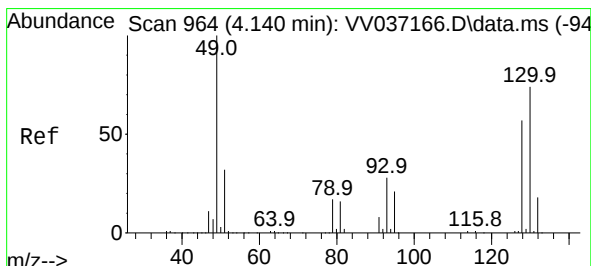
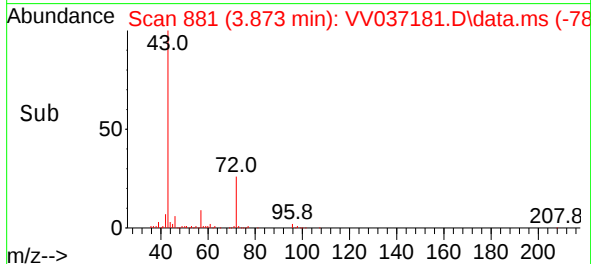
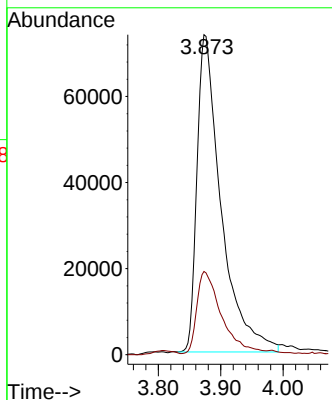
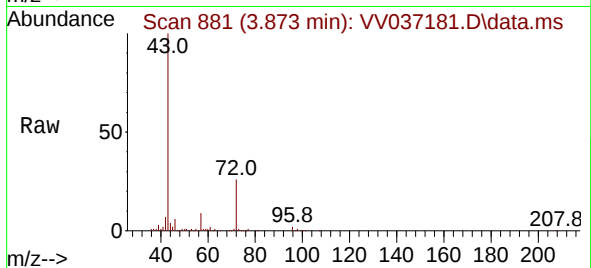




#22
2-Butanone
Concen: 80.625 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.003 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

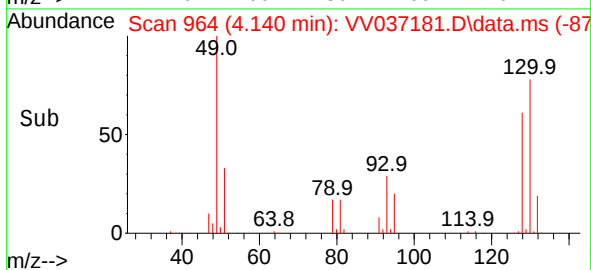
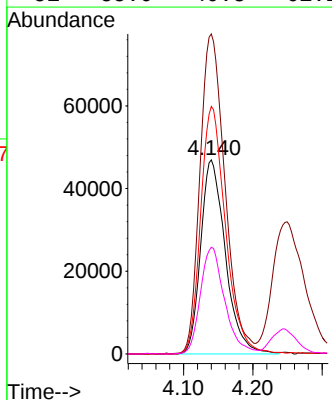
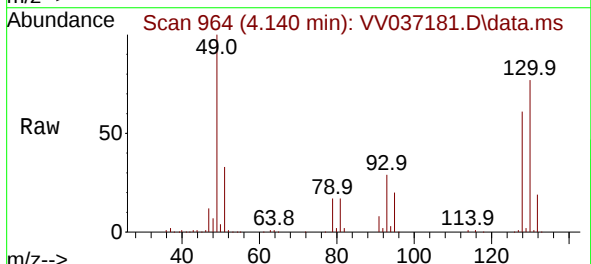
Instrument :
MSVOA_V
ClientSampleId :

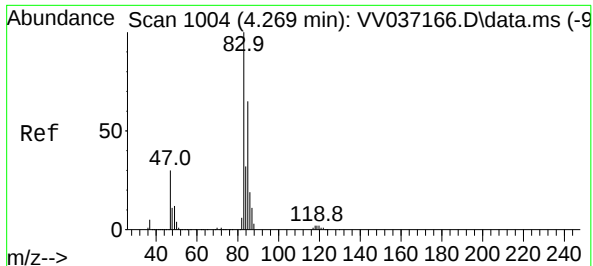
Tgt Ion: 43 Resp: 198220
Ion Ratio Lower Upper
43 100
72 26.3 12.7 38.0



#23
Bromochloromethane
Concen: 53.691 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Tgt Ion:128 Resp: 115934
Ion Ratio Lower Upper
128 100
49 164.8 117.2 217.6
130 127.6 87.6 162.8
51 55.0 40.8 61.2





#25

Chloroform

Concen: 52.542 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Instrument :

MSVOA_V

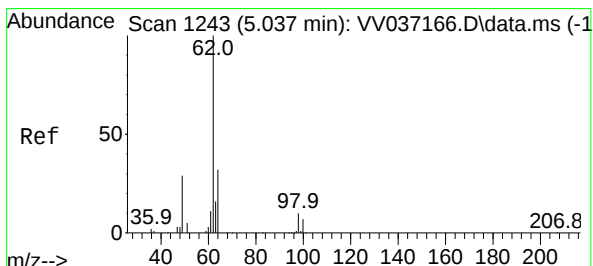
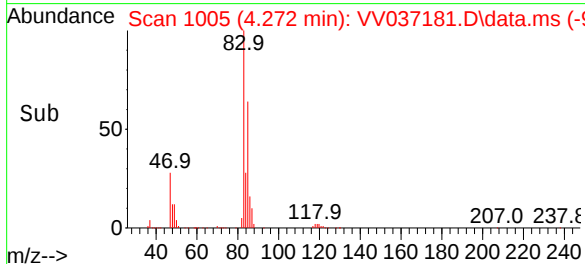
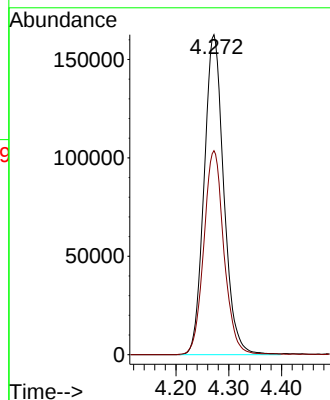
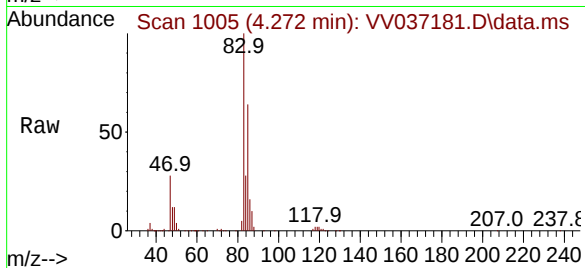
ClientSampleId :

Tgt Ion: 83 Resp: 420667

Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.7



#27

1,2-Dichloroethane

Concen: 53.030 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037181.D

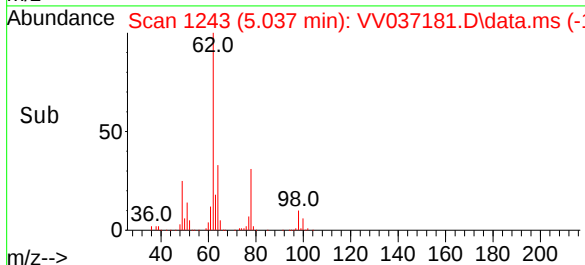
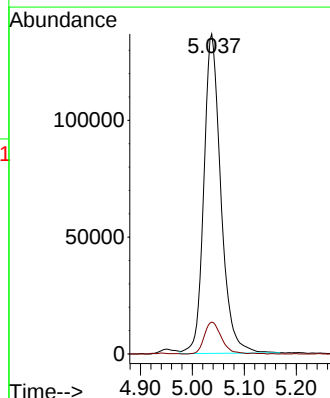
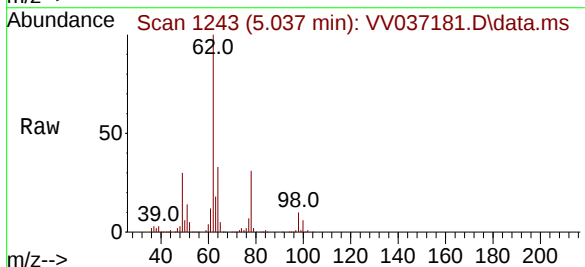
Acq: 30 Aug 2024 00:41

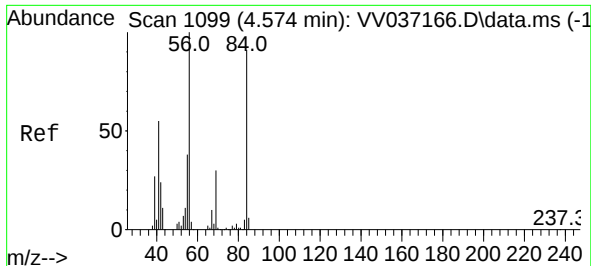
Tgt Ion: 62 Resp: 311443

Ion Ratio Lower Upper

62 100

98 9.9 8.0 12.0





#29

Cyclohexane

Concen: 49.767 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Instrument :

MSVOA_V

ClientSampleId :

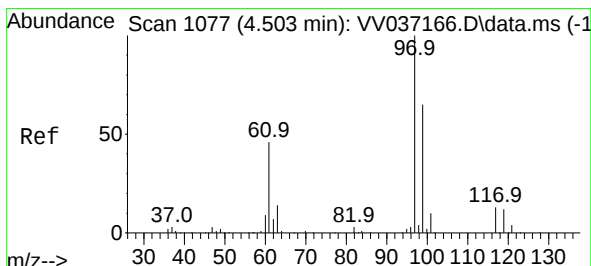
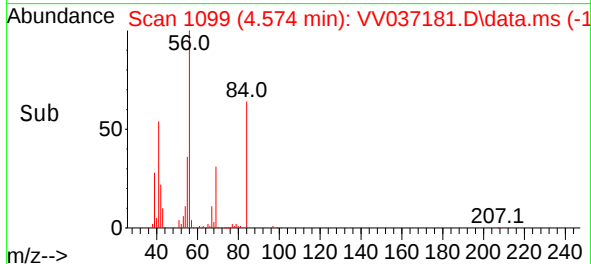
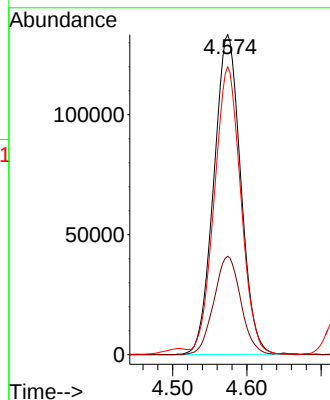
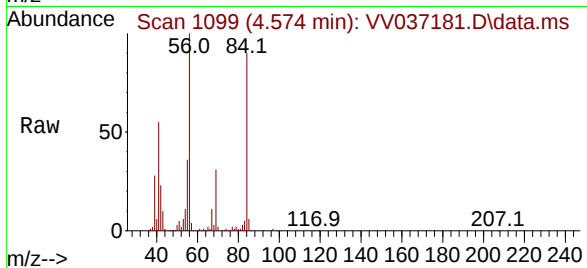
Tgt Ion: 56 Resp: 335180

Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.4

84 88.7 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 51.916 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

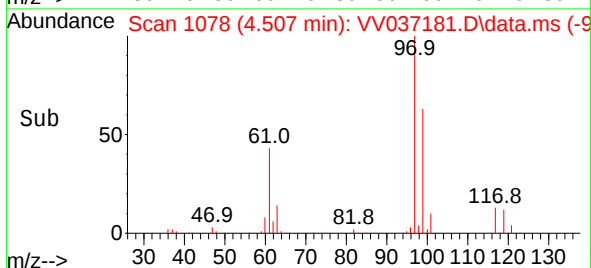
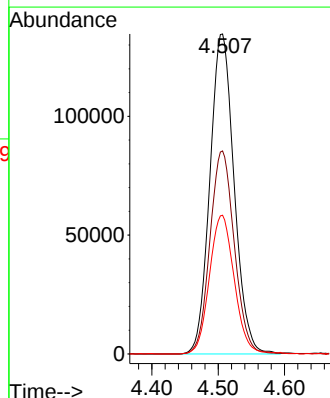
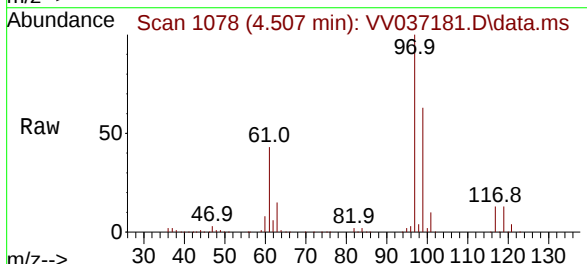
Tgt Ion: 97 Resp: 342174

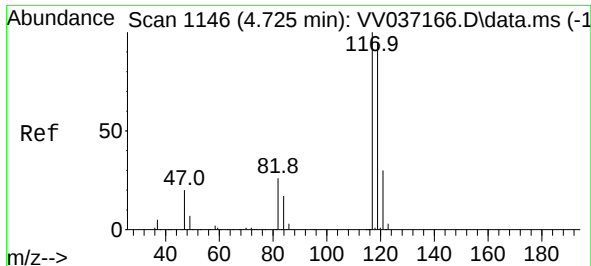
Ion Ratio Lower Upper

97 100

99 63.8 51.6 77.4

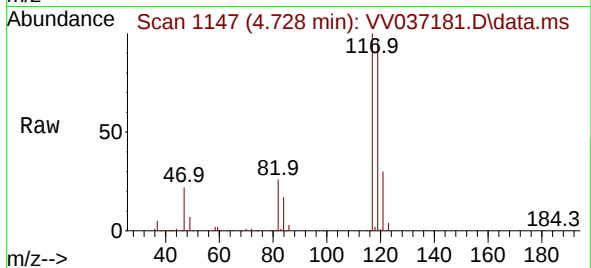
61 44.4 35.8 53.6



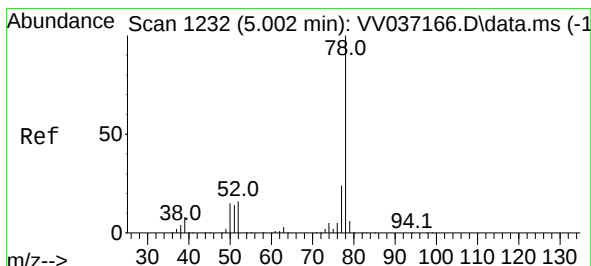
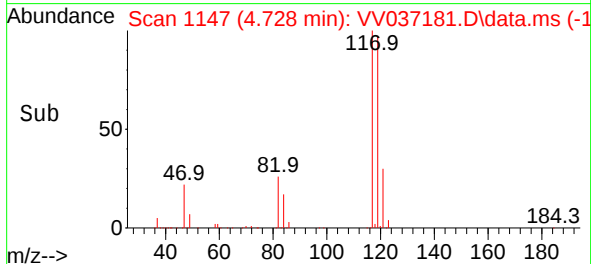
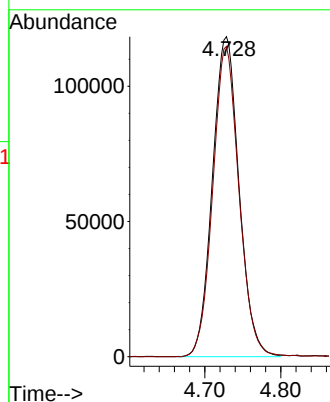


#31
Carbon tetrachloride
Concen: 51.706 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Instrument :
MSVOA_V
ClientSampleId :

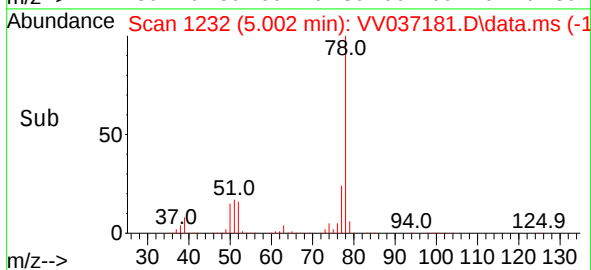
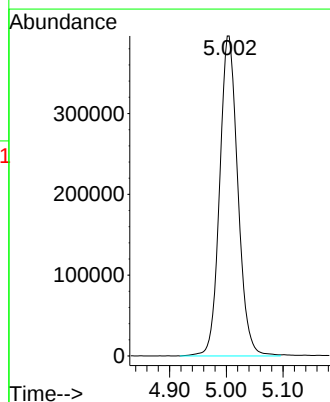
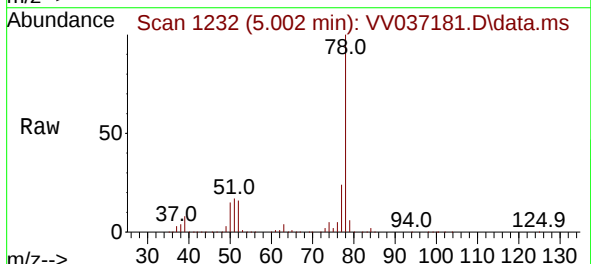


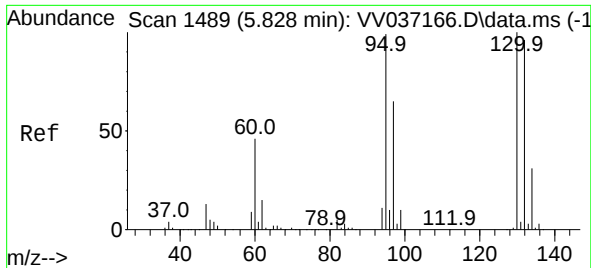
Tgt Ion:117 Resp: 287560
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.6



#33
Benzene
Concen: 53.353 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Tgt Ion: 78 Resp: 881969

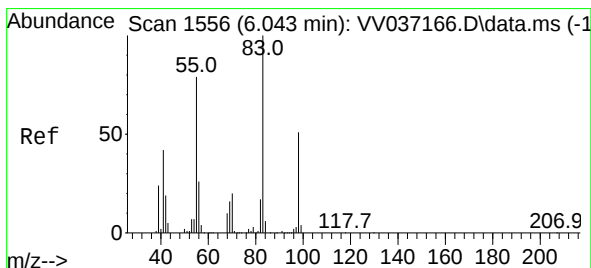
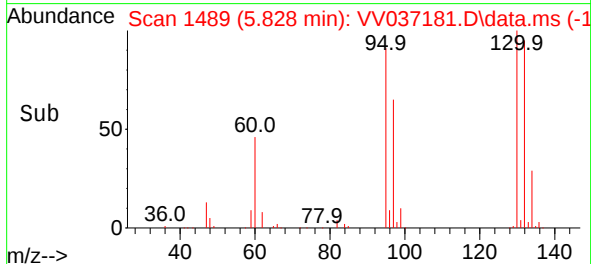
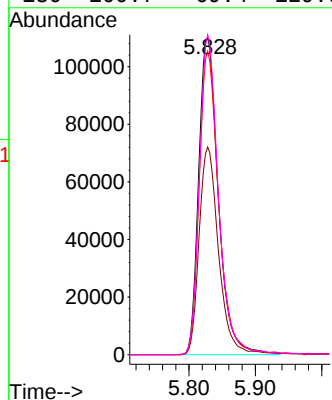
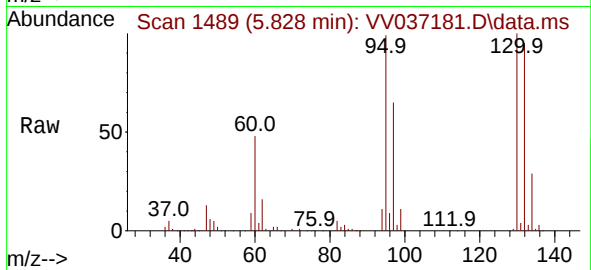




#34
Trichloroethene
Concen: 51.945 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

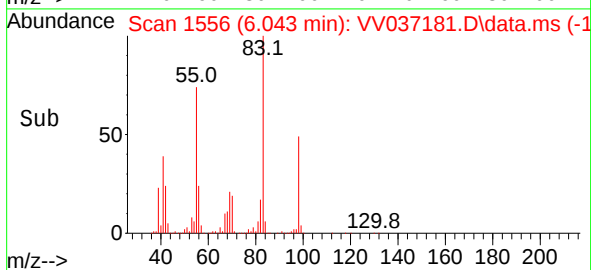
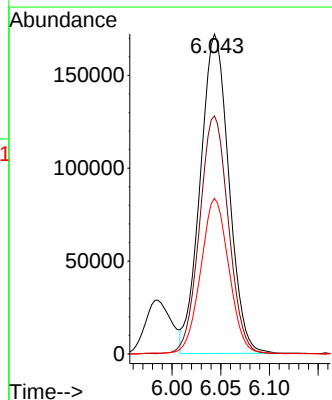
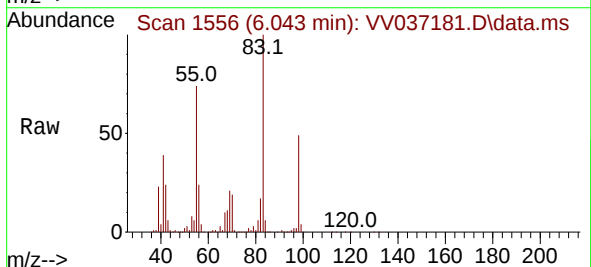
Instrument :
MSVOA_V
ClientSampleId :

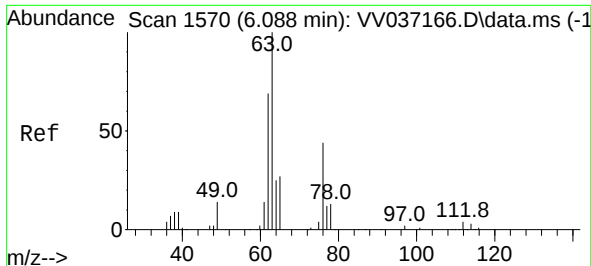
Tgt Ion: 95 Resp: 226646
Ion Ratio Lower Upper
95 100
97 65.4 44.4 82.5
132 95.5 64.9 120.5
130 100.7 69.4 129.0



#35
Methylcyclohexane
Concen: 49.518 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Tgt Ion: 83 Resp: 351037
Ion Ratio Lower Upper
83 100
55 75.0 61.2 91.8
98 48.1 39.3 58.9

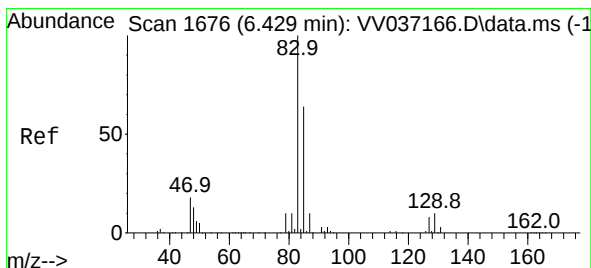
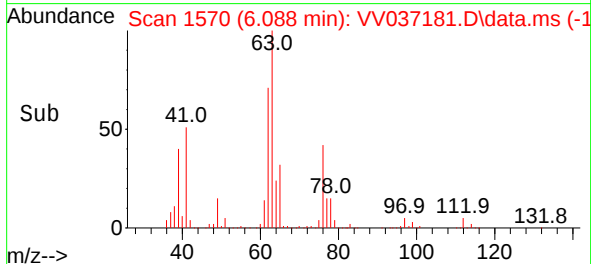
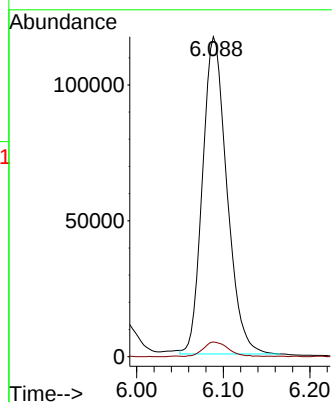
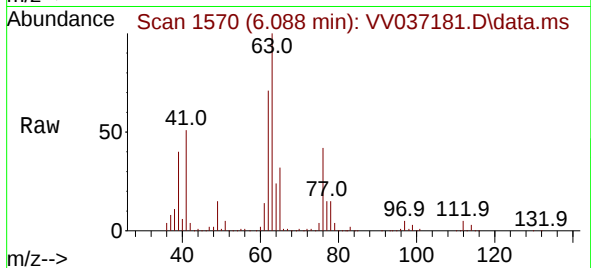




#37
1,2-Dichloropropane
Concen: 51.570 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

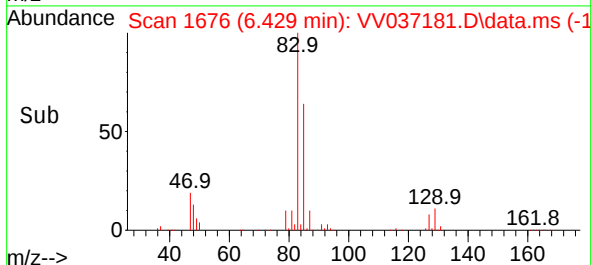
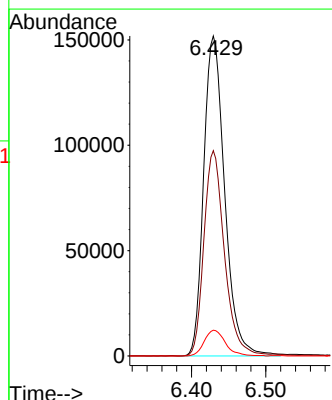
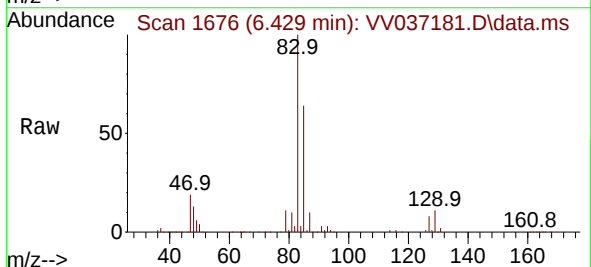
Instrument :
MSVOA_V
ClientSampleId :

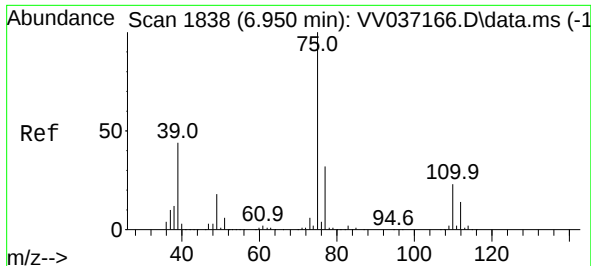
Tgt Ion: 63 Resp: 228545
Ion Ratio Lower Upper
63 100
112 4.8 3.5 5.3



#38
Bromodichloromethane
Concen: 52.574 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Tgt Ion: 83 Resp: 298629
Ion Ratio Lower Upper
83 100
85 64.1 44.5 82.7
127 8.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 48.542 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Instrument :

MSVOA_V

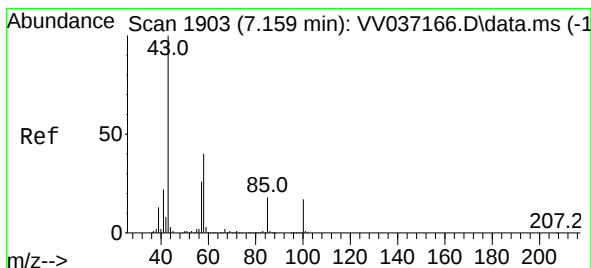
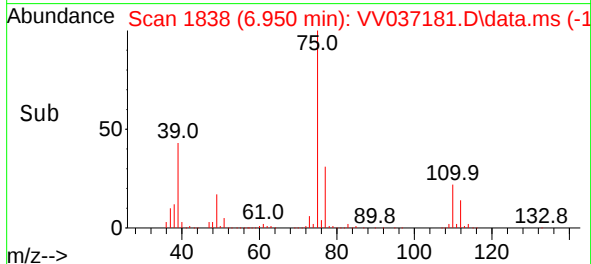
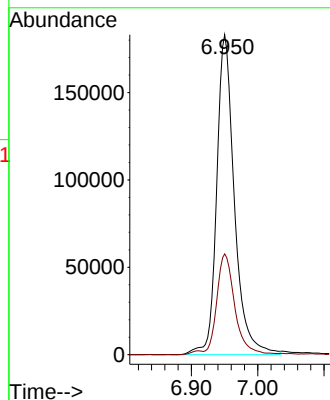
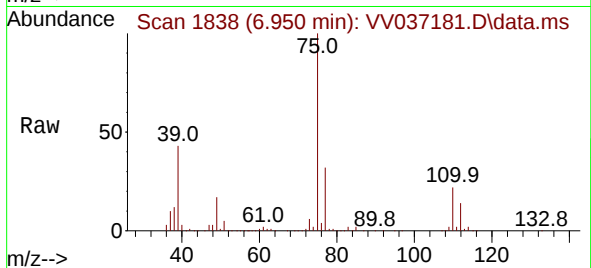
ClientSampleId :

Tgt Ion: 75 Resp: 339486

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 99.797 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

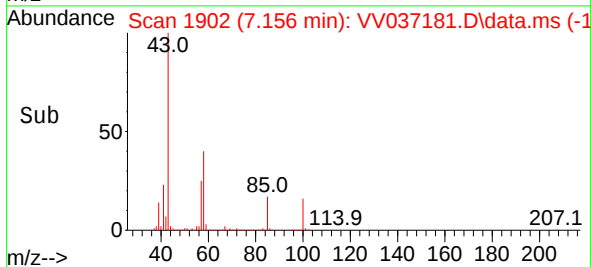
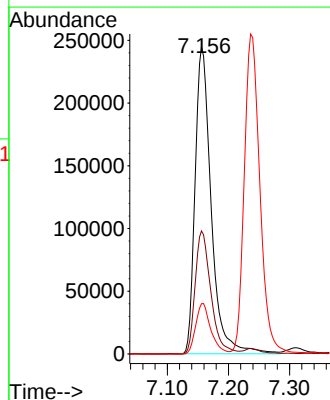
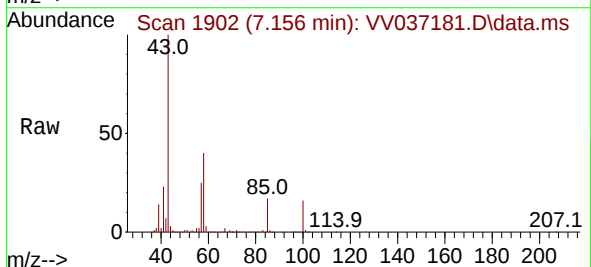
Tgt Ion: 43 Resp: 449635

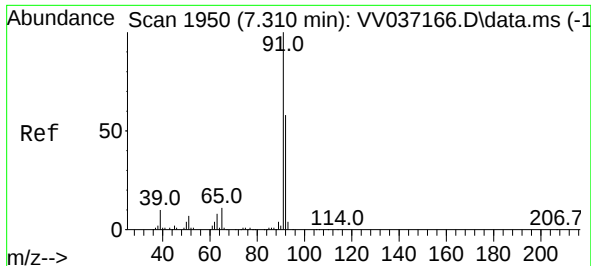
Ion Ratio Lower Upper

43 100

58 39.0 32.0 48.0

100 15.4 12.4 18.6

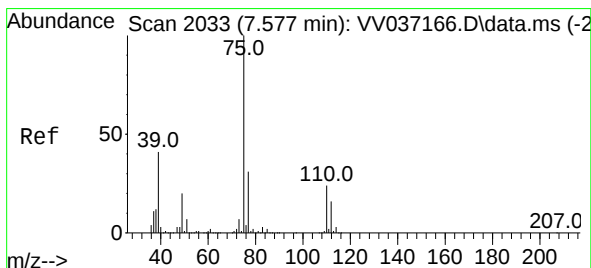
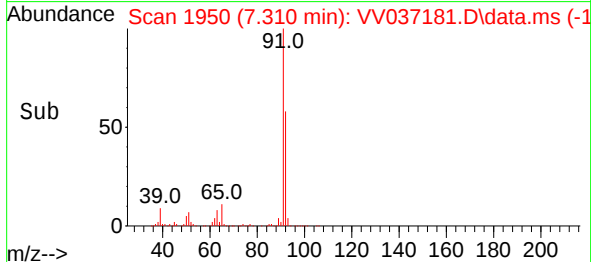
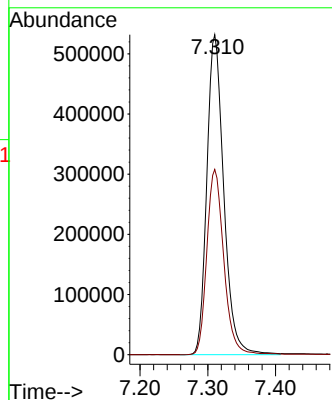
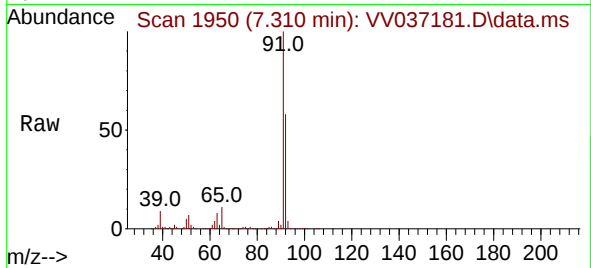




#42
Toluene
Concen: 53.596 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

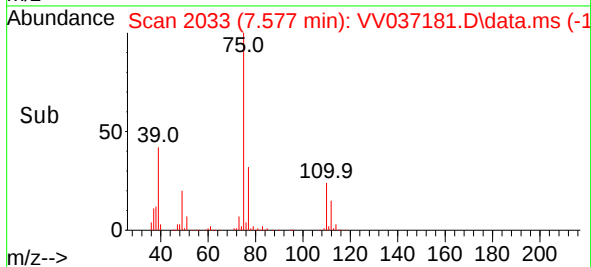
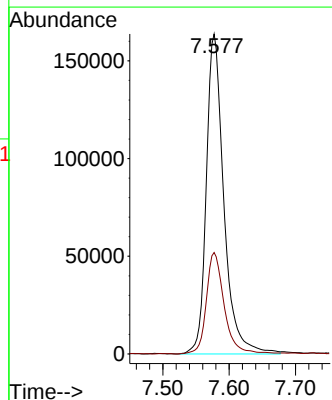
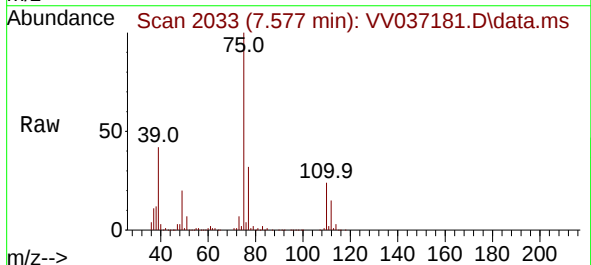
Instrument :
MSVOA_V
ClientSampleId :

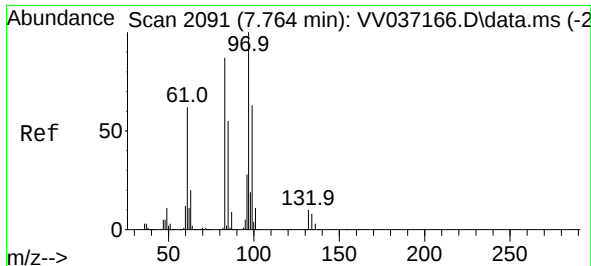
Tgt Ion: 91 Resp: 922476
Ion Ratio Lower Upper
91 100
92 57.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 48.139 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Tgt Ion: 75 Resp: 300924
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8

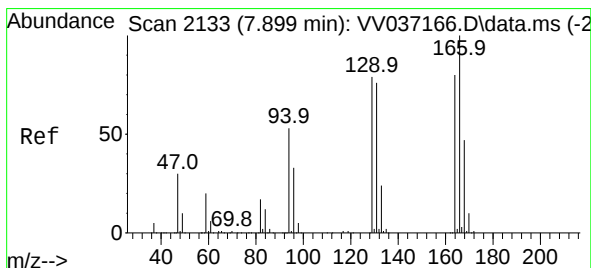
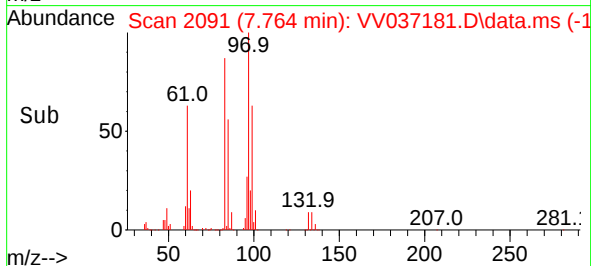
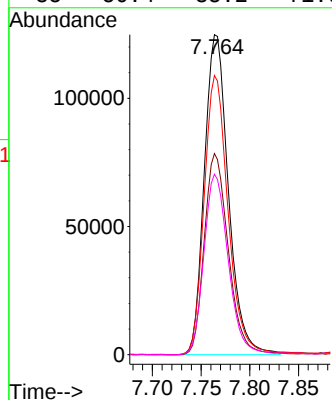
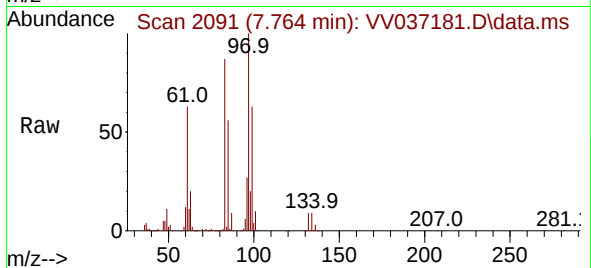




#45
1,1,2-Trichloroethane
Concen: 52.123 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

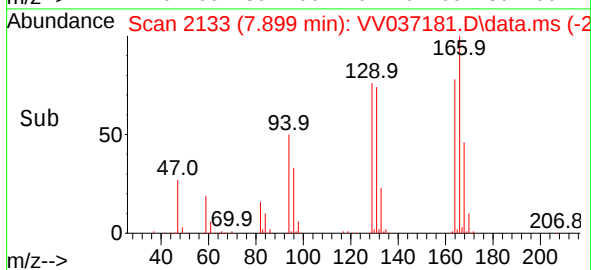
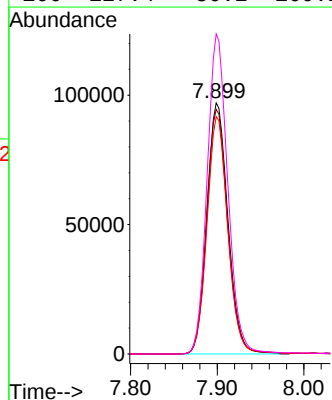
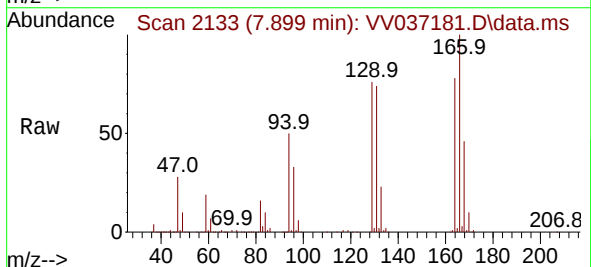
Instrument :
MSVOA_V
ClientSampleId :

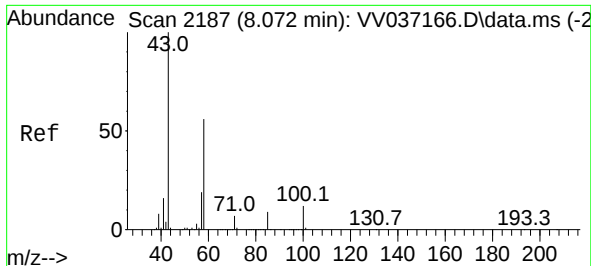
Tgt Ion:	97	Resp:	215034
Ion	Ratio	Lower	Upper
97	100		
99	62.9	42.6	79.0
83	87.3	60.5	112.3
85	56.4	38.2	71.0



#46
Tetrachloroethene
Concen: 52.249 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

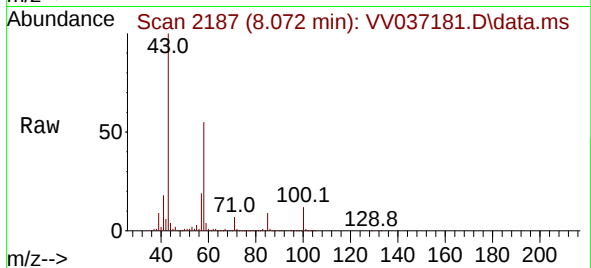
Tgt Ion:	164	Resp:	163569
Ion	Ratio	Lower	Upper
164	100		
129	97.4	67.1	124.7
131	94.5	67.0	124.4
166	127.4	86.2	160.2



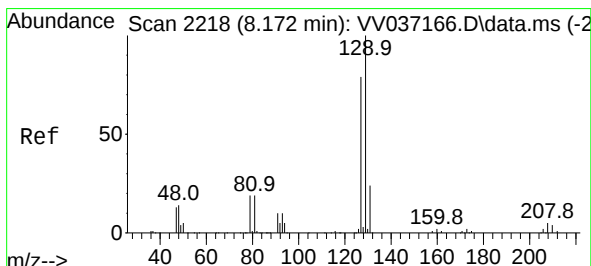
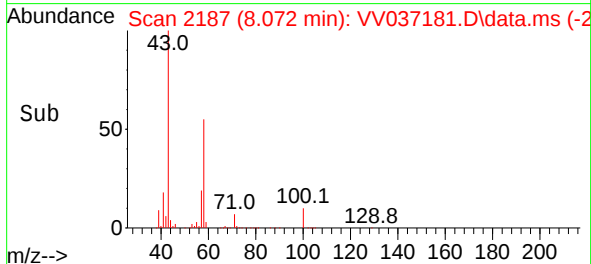
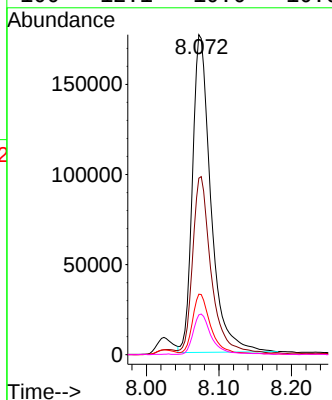


#48
2-Hexanone
Concen: 89.283 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Instrument :
MSVOA_V
ClientSampleId :

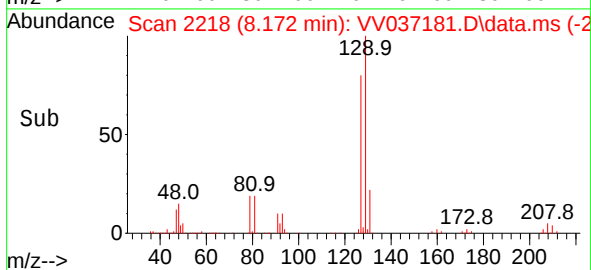
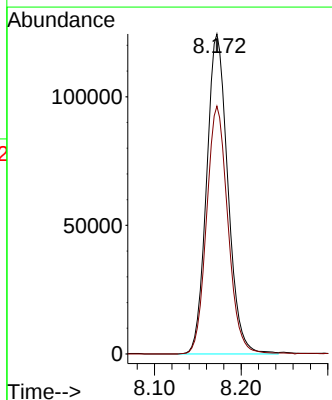
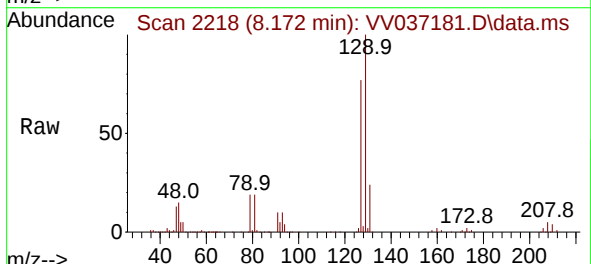


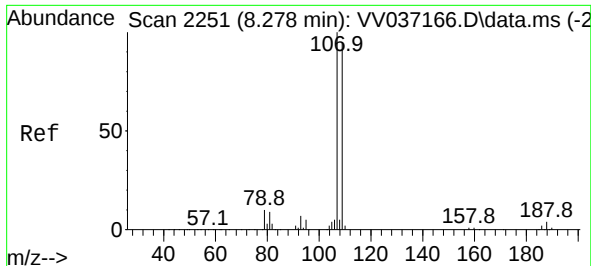
Tgt Ion:	43	Resp:	311104
Ion	Ratio	Lower	Upper
43	100		
58	56.6	46.0	69.0
57	18.2	15.6	23.4
100	12.1	10.6	16.0



#49
Dibromochloromethane
Concen: 51.354 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Tgt Ion:	129	Resp:	212138
Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.7	101.7

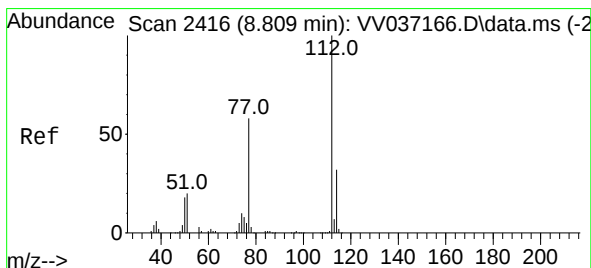
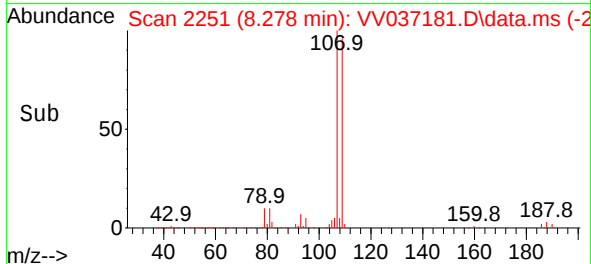
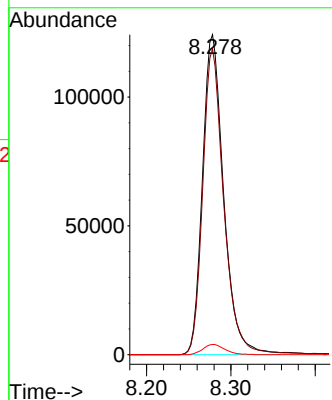
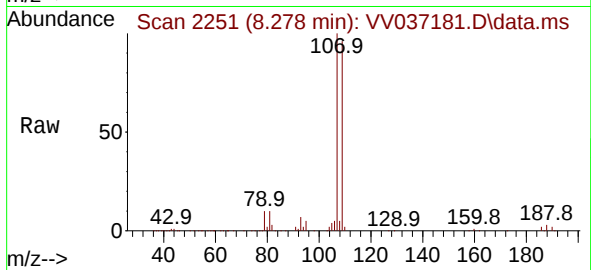




#50
1,2-Dibromoethane
Concen: 52.070 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

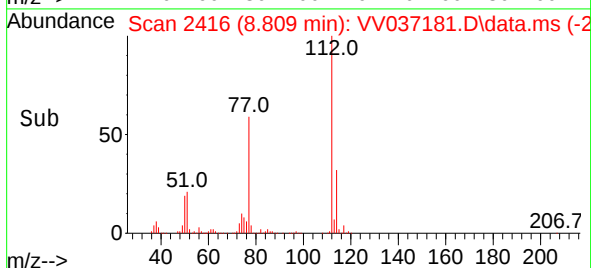
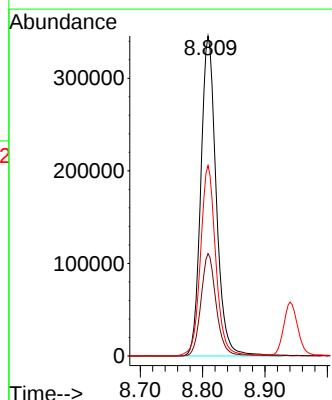
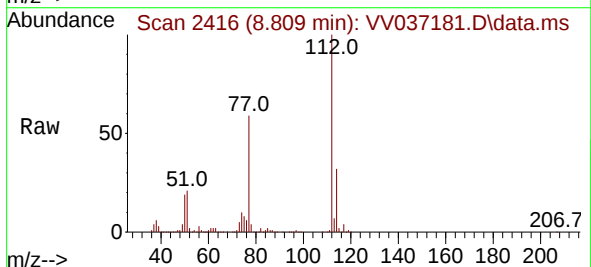
Instrument :
MSVOA_V
ClientSampleId :

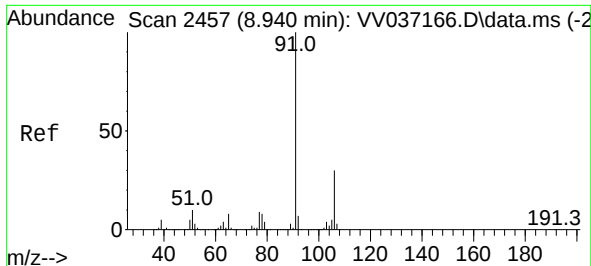
Tgt Ion:107 Resp: 217374
Ion Ratio Lower Upper
107 100
109 95.6 66.6 123.6
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 52.121 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Tgt Ion:112 Resp: 593897
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 59.5 47.8 71.8





#52

Ethylbenzene

Concen: 52.492 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Instrument :

MSVOA_V

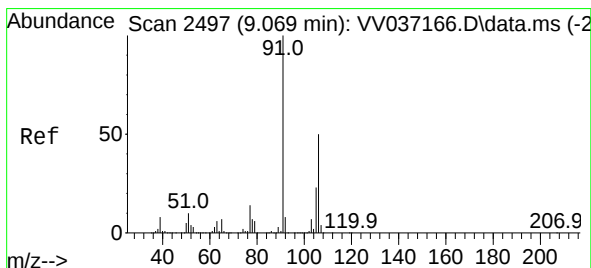
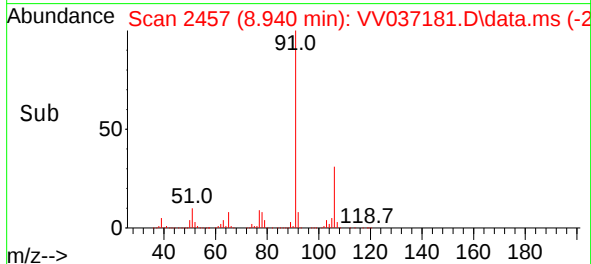
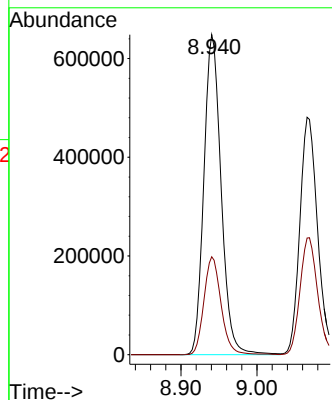
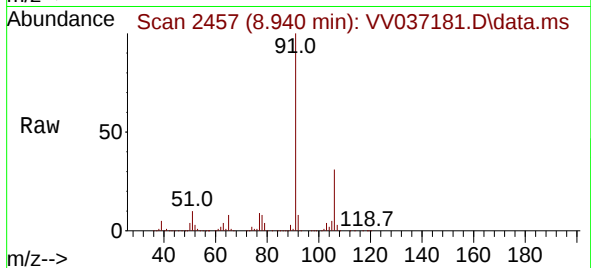
ClientSampleId :

Tgt Ion: 91 Resp: 1020514

Ion Ratio Lower Upper

91 100

106 30.6 21.4 39.8



#53

m,p-Xylene

Concen: 53.446 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV037181.D

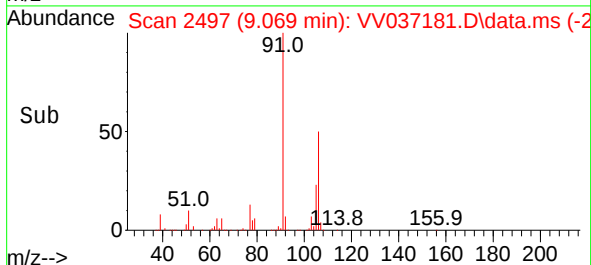
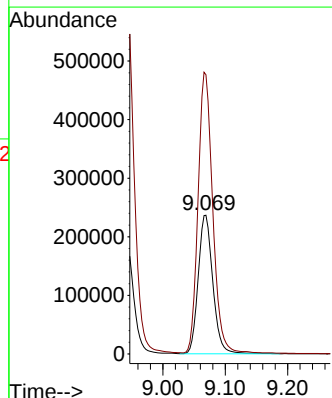
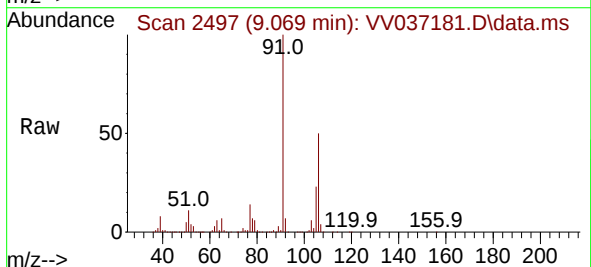
Acq: 30 Aug 2024 00:41

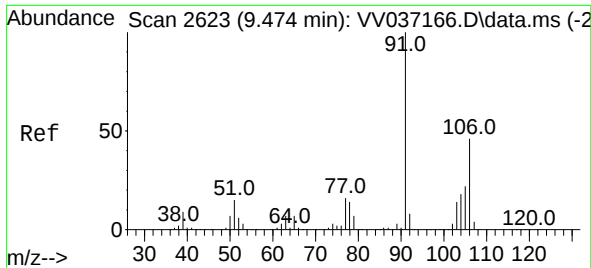
Tgt Ion:106 Resp: 384982

Ion Ratio Lower Upper

106 100

91 201.1 143.0 265.6

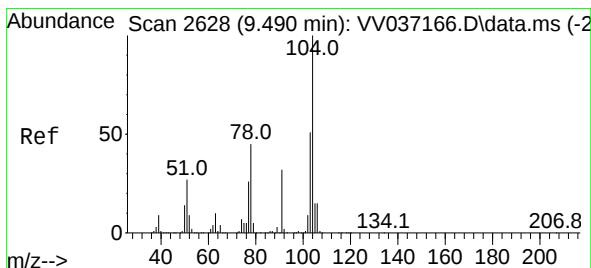
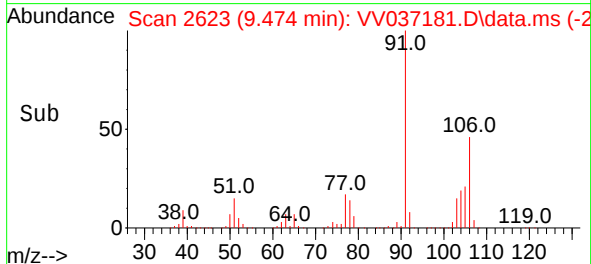
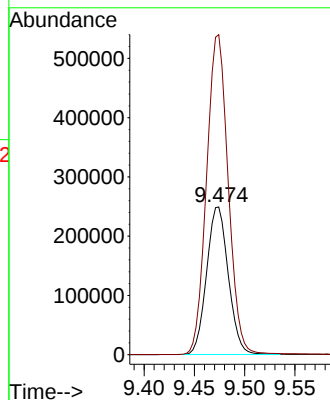
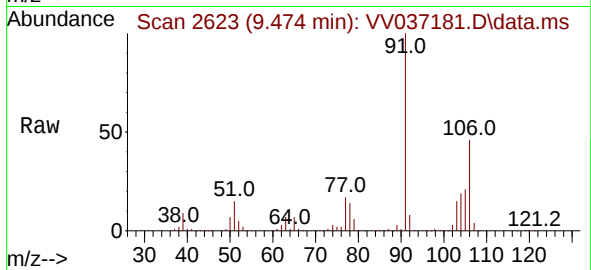




#54
o-Xylene
Concen: 53.045 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

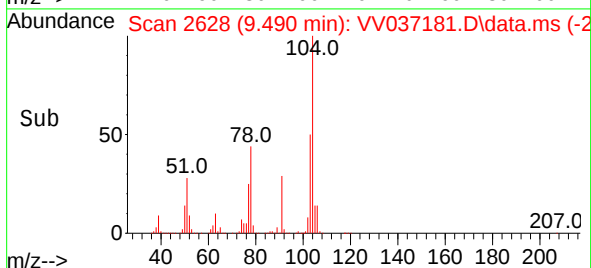
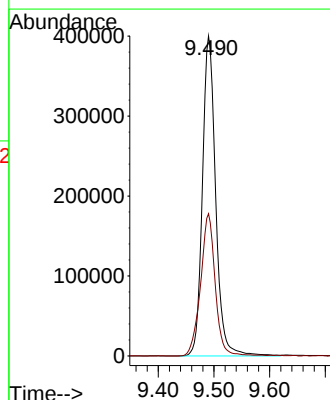
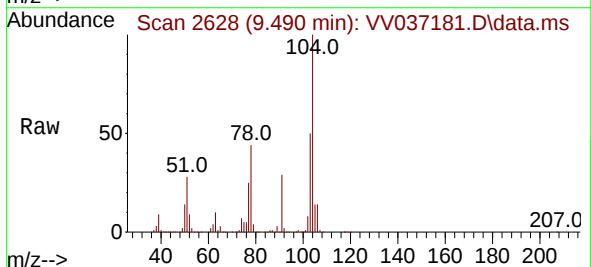
Instrument :
MSVOA_V
ClientSampleId :

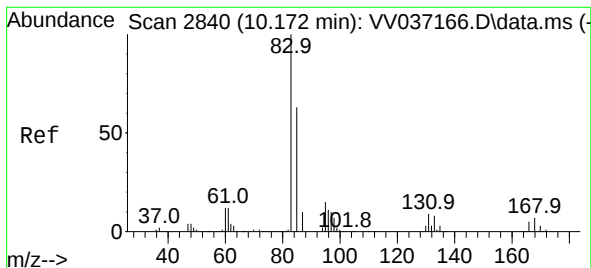
Tgt Ion	Ratio	Lower	Upper
106	100		
91	216.6	153.2	284.6



#55
Styrene
Concen: 54.187 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.5	30.9	57.5

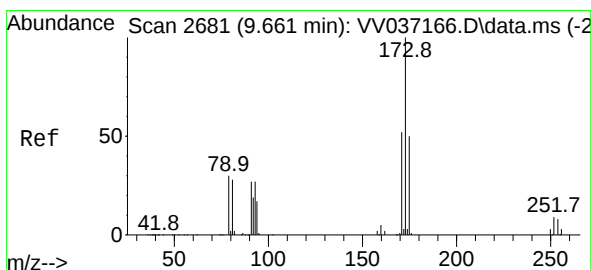
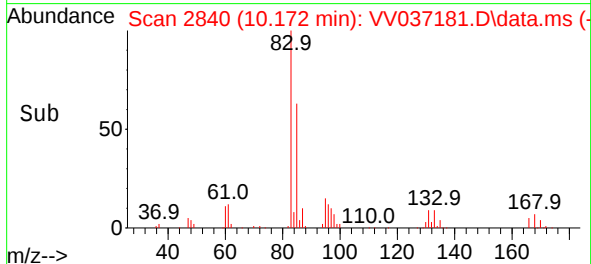
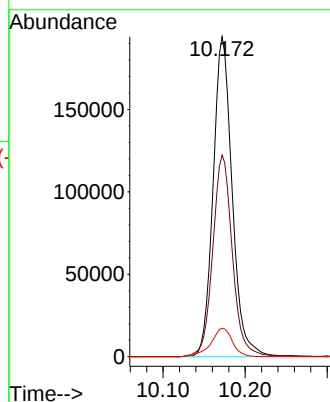
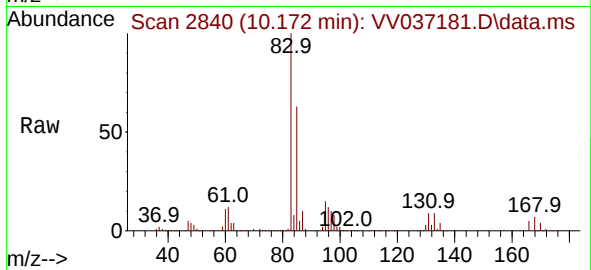




#57
1,1,2,2-Tetrachloroethane
Concen: 51.364 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

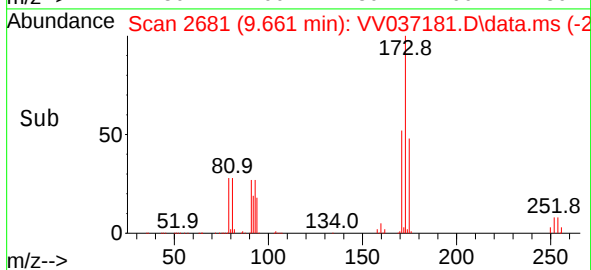
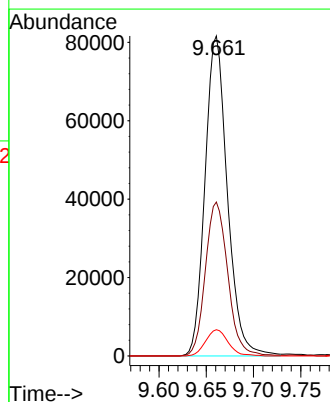
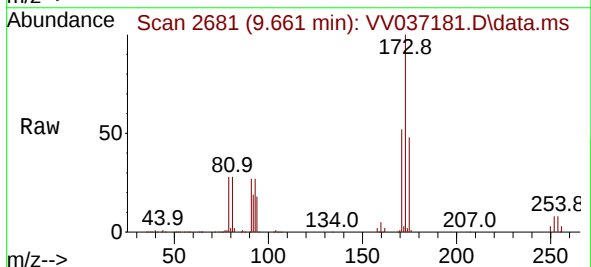
Instrument :
MSVOA_V
ClientSampleId :

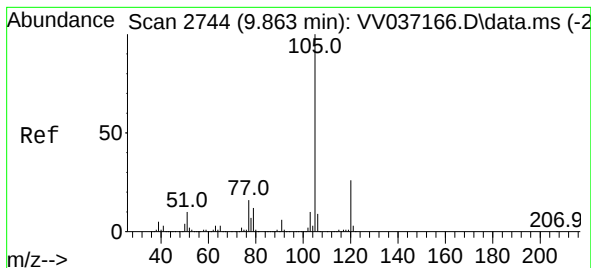
Tgt Ion: 83 Resp: 313836
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.7
131 8.9 7.4 11.0



#59
Bromoform
Concen: 49.698 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV037181.D
Acq: 30 Aug 2024 00:41

Tgt Ion: 173 Resp: 134377
Ion Ratio Lower Upper
173 100
175 48.2 38.7 58.1
254 8.3 6.8 10.2





#60

Isopropylbenzene

Concen: 53.208 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.003 min

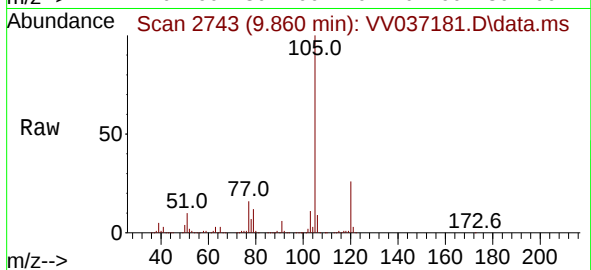
Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Instrument :

MSVOA_V

ClientSampleId :



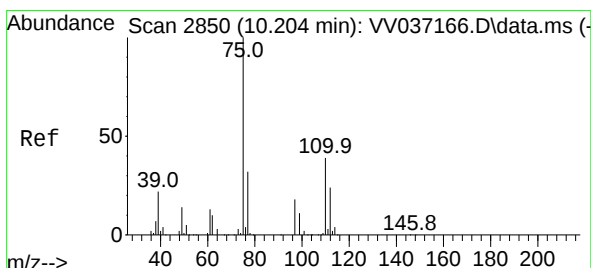
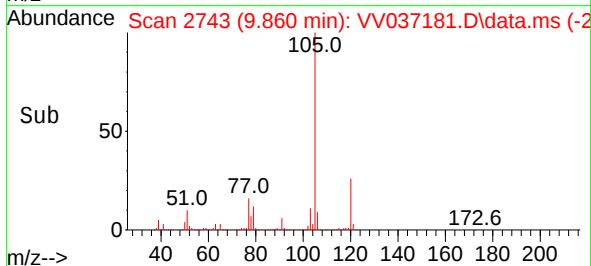
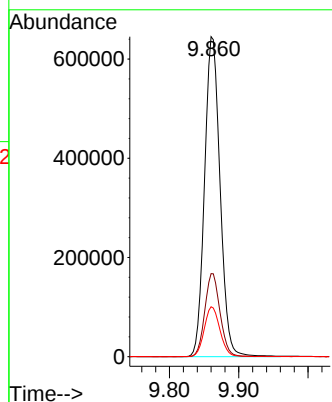
Tgt Ion:105 Resp: 1001612

Ion Ratio Lower Upper

105 100

120 25.6 20.9 31.3

77 15.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 51.441 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

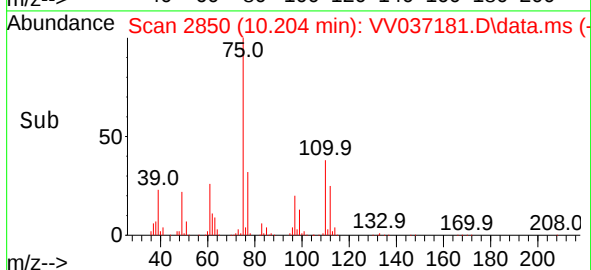
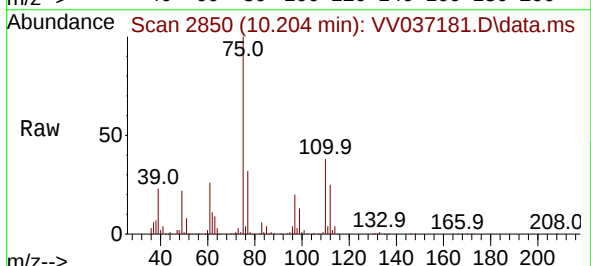
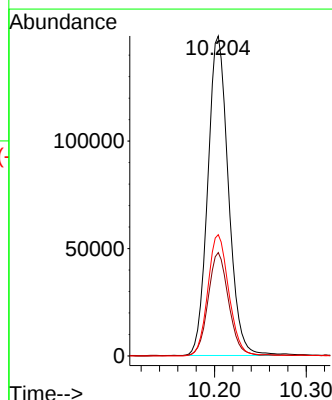
Tgt Ion: 75 Resp: 232361

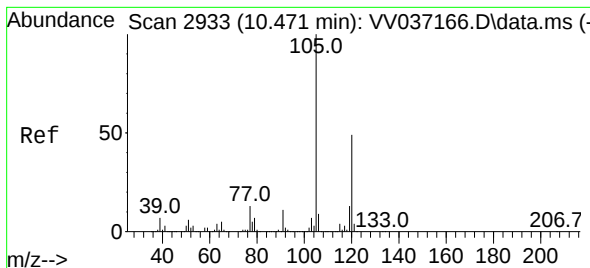
Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

110 38.7 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 52.554 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Instrument :

MSVOA_V

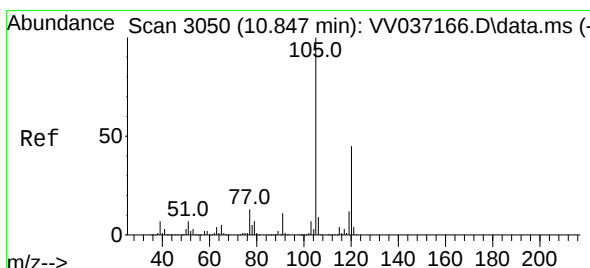
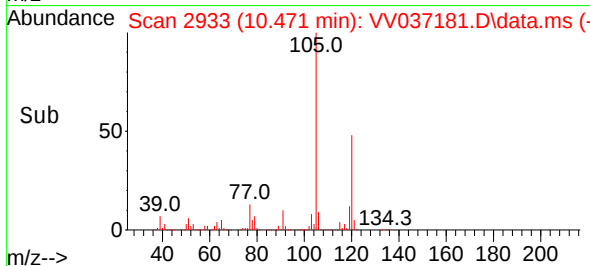
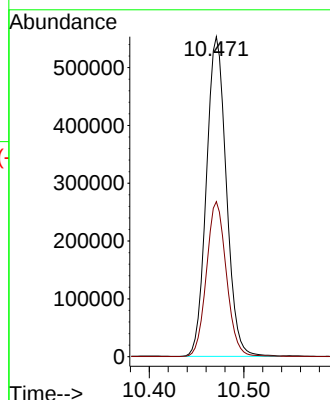
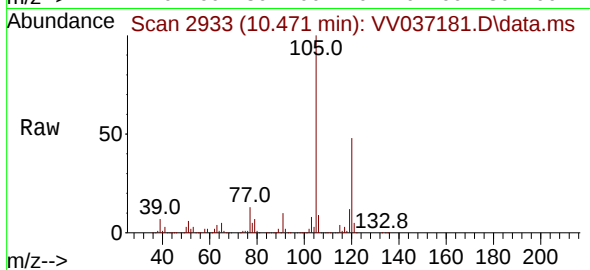
ClientSampleId :

Tgt Ion:105 Resp: 809400

Ion Ratio Lower Upper

105 100

120 48.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 52.767 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV037181.D

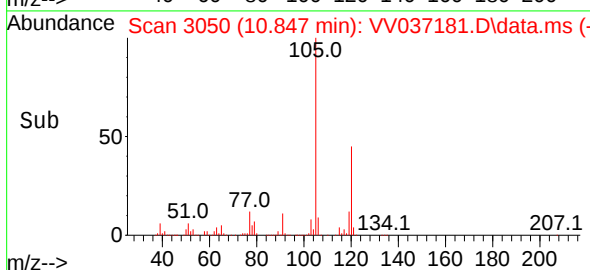
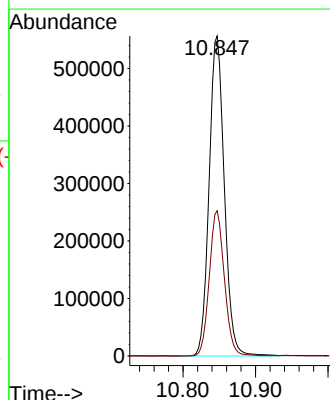
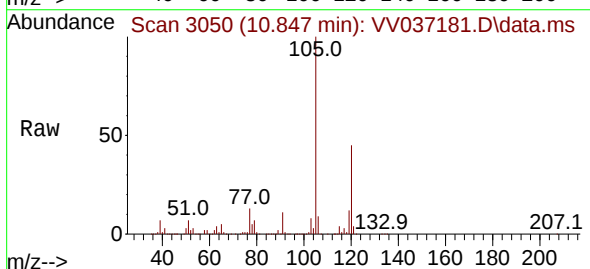
Acq: 30 Aug 2024 00:41

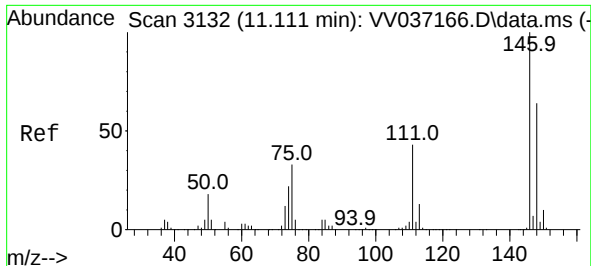
Tgt Ion:105 Resp: 811030

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 51.560 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

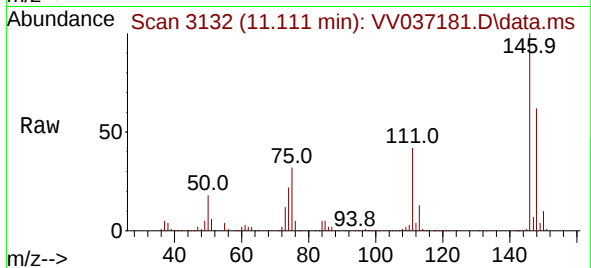
Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Instrument :

MSVOA_V

ClientSampleId :



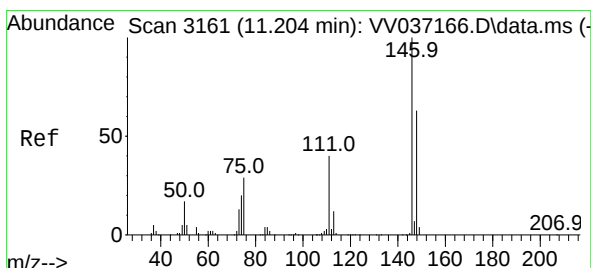
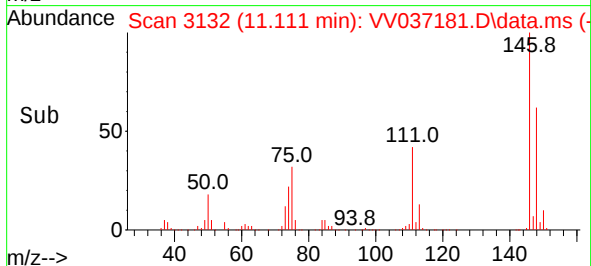
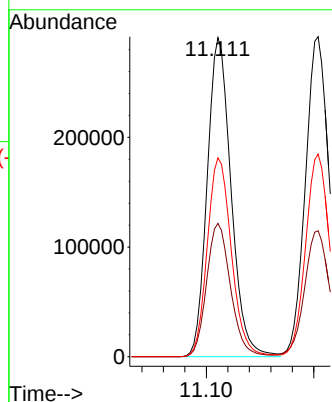
Tgt Ion:146 Resp: 448182

Ion Ratio Lower Upper

146 100

111 41.8 29.7 55.1

148 62.3 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 52.269 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

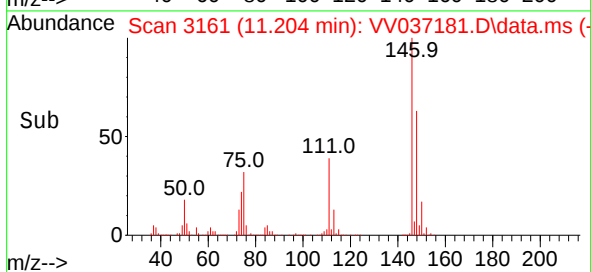
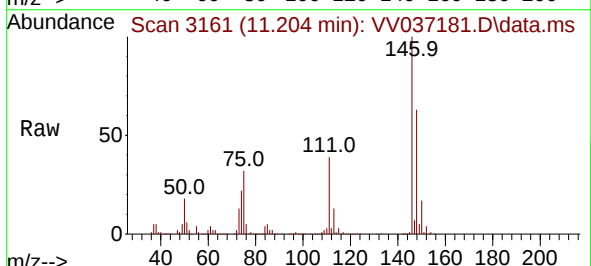
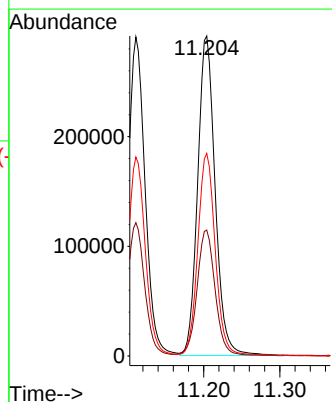
Tgt Ion:146 Resp: 465015

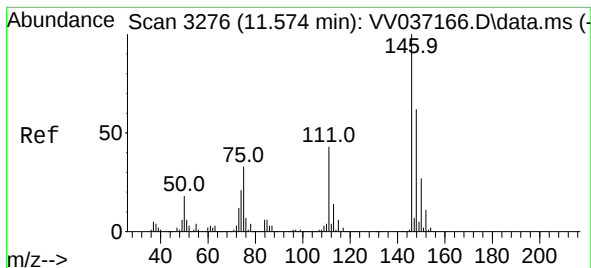
Ion Ratio Lower Upper

146 100

111 39.3 28.1 52.1

148 63.3 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 52.187 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

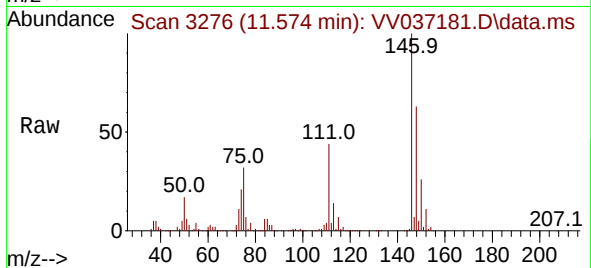
Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Instrument :

MSVOA_V

ClientSampleId :



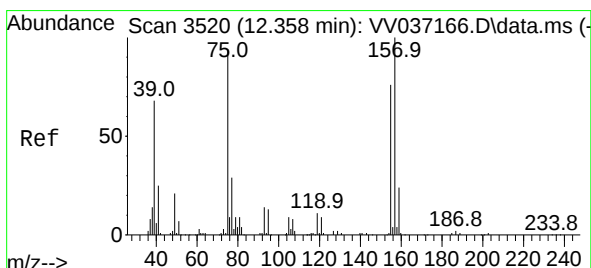
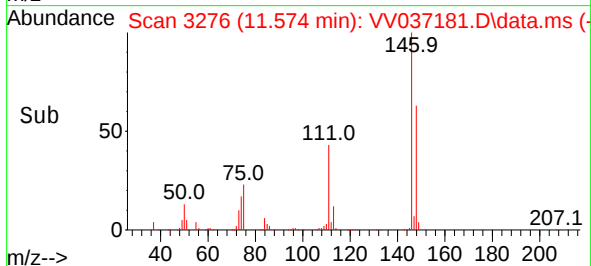
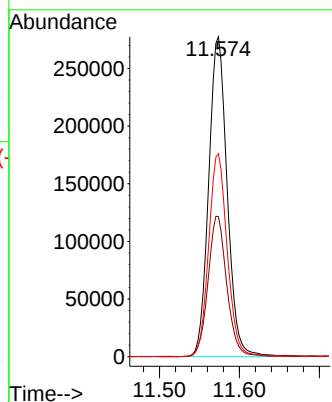
Tgt Ion:146 Resp: 446039

Ion Ratio Lower Upper

146 100

111 43.7 34.6 51.8

148 63.4 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 46.013 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

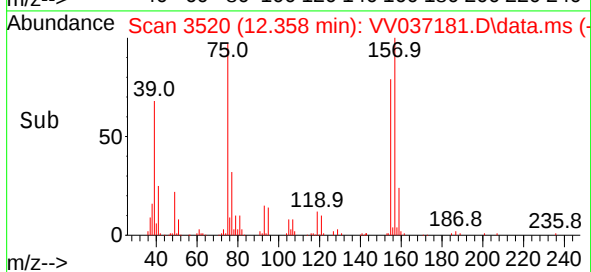
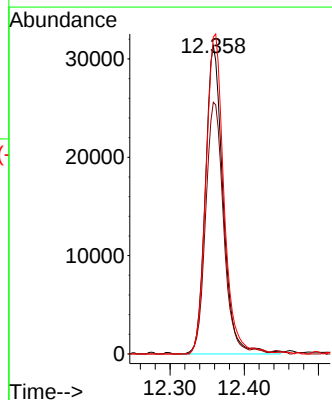
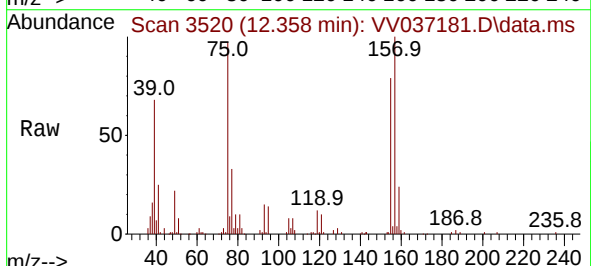
Tgt Ion: 75 Resp: 51833

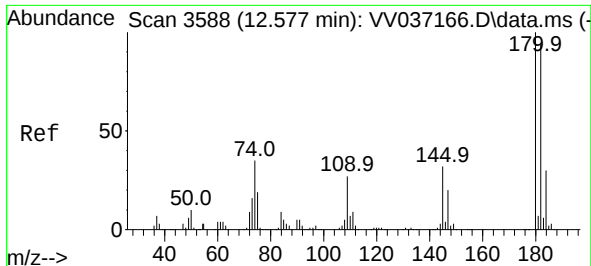
Ion Ratio Lower Upper

75 100

155 81.7 61.8 92.6

157 102.9 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 49.487 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

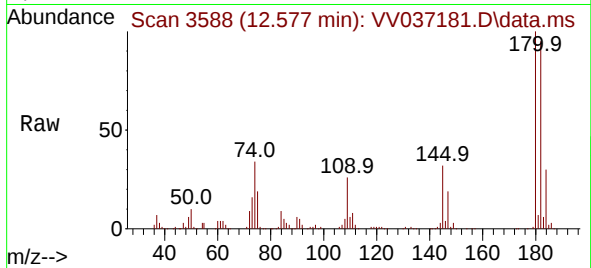
Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 299313

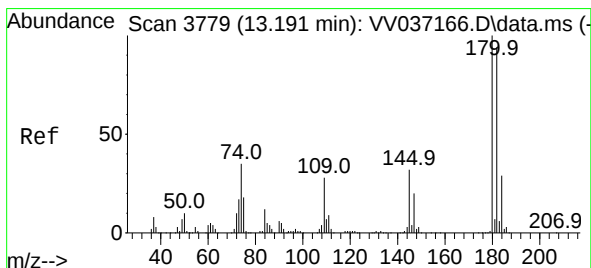
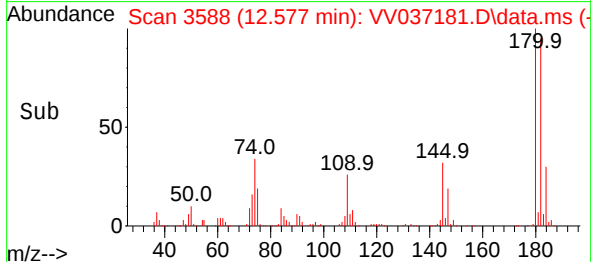
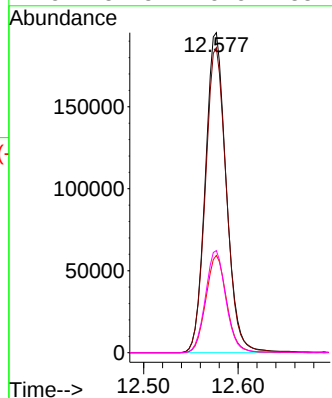
Ion Ratio Lower Upper

180 100

182 96.1 76.7 115.1

184 30.3 24.2 36.2

145 31.3 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 49.180 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

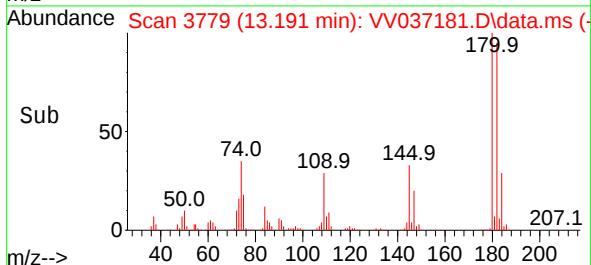
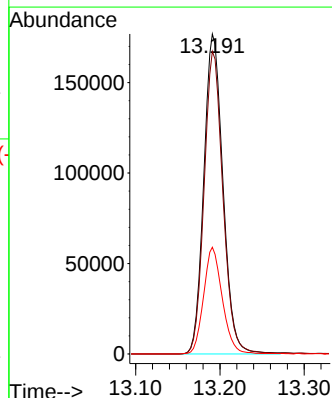
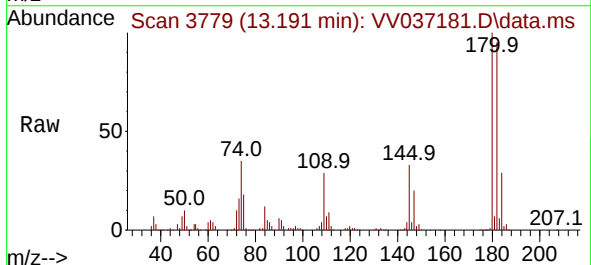
Tgt Ion:180 Resp: 280094

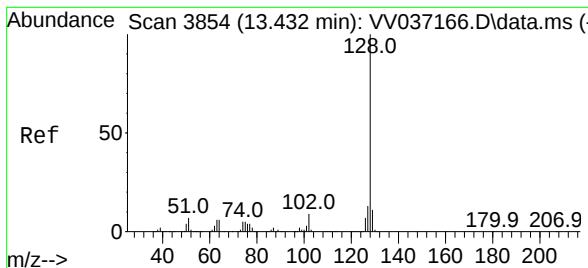
Ion Ratio Lower Upper

180 100

182 93.1 75.7 113.5

145 32.6 26.0 39.0





#71

Naphthalene

Concen: 49.324 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Instrument :

MSVOA_V

ClientSampleId :

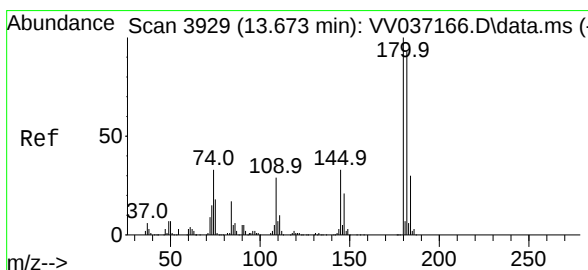
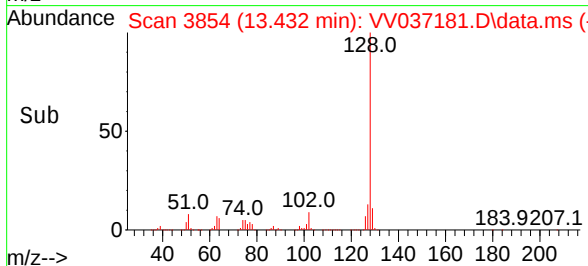
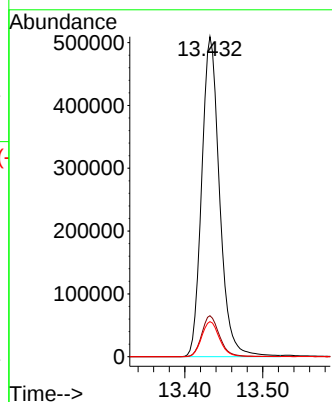
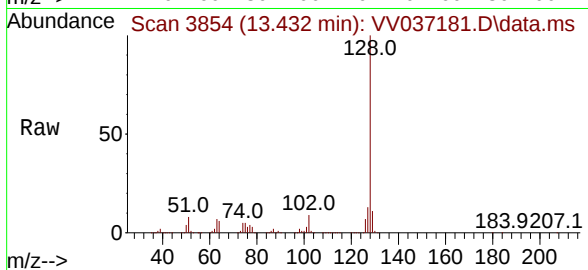
Tgt Ion:128 Resp: 811165

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 49.657 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037181.D

Acq: 30 Aug 2024 00:41

Tgt Ion:180 Resp: 278706

Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

145 33.8 27.0 40.4

