

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083024\
 Data File : VV037191.D
 Acq On : 30 Aug 2024 14:24
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 00:28:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 31 00:26:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	620563	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	599882	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	309538	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	197370	34.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.540%
7) Chloroethane-d5	1.529	69	170866	38.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.900%
11) 1,1-Dichloroethene-d2	2.057	65	91493	38.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.700%
21) 2-Butanone-d5	3.786	46	185896	84.564	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.560%
24) Chloroform-d	4.236	84	396580	44.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.280%
26) 1,2-Dichloroethane-d4	4.931	65	238397	42.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.220%
32) Benzene-d6	4.947	84	759200	41.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	5.979	67	241656	42.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.160%
41) Toluene-d8	7.233	98	677509	41.432	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.860%
43) trans-1,3-Dichloroprop...	7.545	79	108977	41.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.020%
47) 2-Hexanone-d5	8.021	63	126459	81.648	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.650%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	299315	43.488	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.980%
66) 1,2-Dichlorobenzene-d4	11.555	152	265050	42.754	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	270950	51.668	ug/L	100
3) Chloromethane	1.217	50	271087	45.966	ug/L	99
5) Vinyl chloride	1.282	62	280347	50.637	ug/L	99
6) Bromomethane	1.484	94	158442	51.073	ug/L	100
8) Chloroethane	1.548	64	175443	51.807	ug/L	98
9) Trichlorofluoromethane	1.712	101	371380	51.402	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	223131	51.924	ug/L	98
12) 1,1-Dichloroethene	2.066	96	203906	50.364	ug/L	97
13) Acetone	2.108	43	218554	92.701	ug/L	98
14) Carbon disulfide	2.237	76	584450	47.552	ug/L	99
15) Methyl Acetate	2.368	43	191613	48.478	ug/L	99
16) Methylene chloride	2.439	84	233252	51.063	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	216285	51.460	ug/L	98
18) Methyl tert-butyl Ether	2.700	73	662109	50.079	ug/L	100
19) 1,1-Dichloroethane	3.101	63	435742	52.205	ug/L	98
20) cis-1,2-Dichloroethene	3.802	96	235408	50.688	ug/L	97
22) 2-Butanone	3.867	43	233286	89.871	ug/L	98
23) Bromochloromethane	4.134	128	117935	51.730	ug/L	96
25) Chloroform	4.265	83	426508	50.456	ug/L	99

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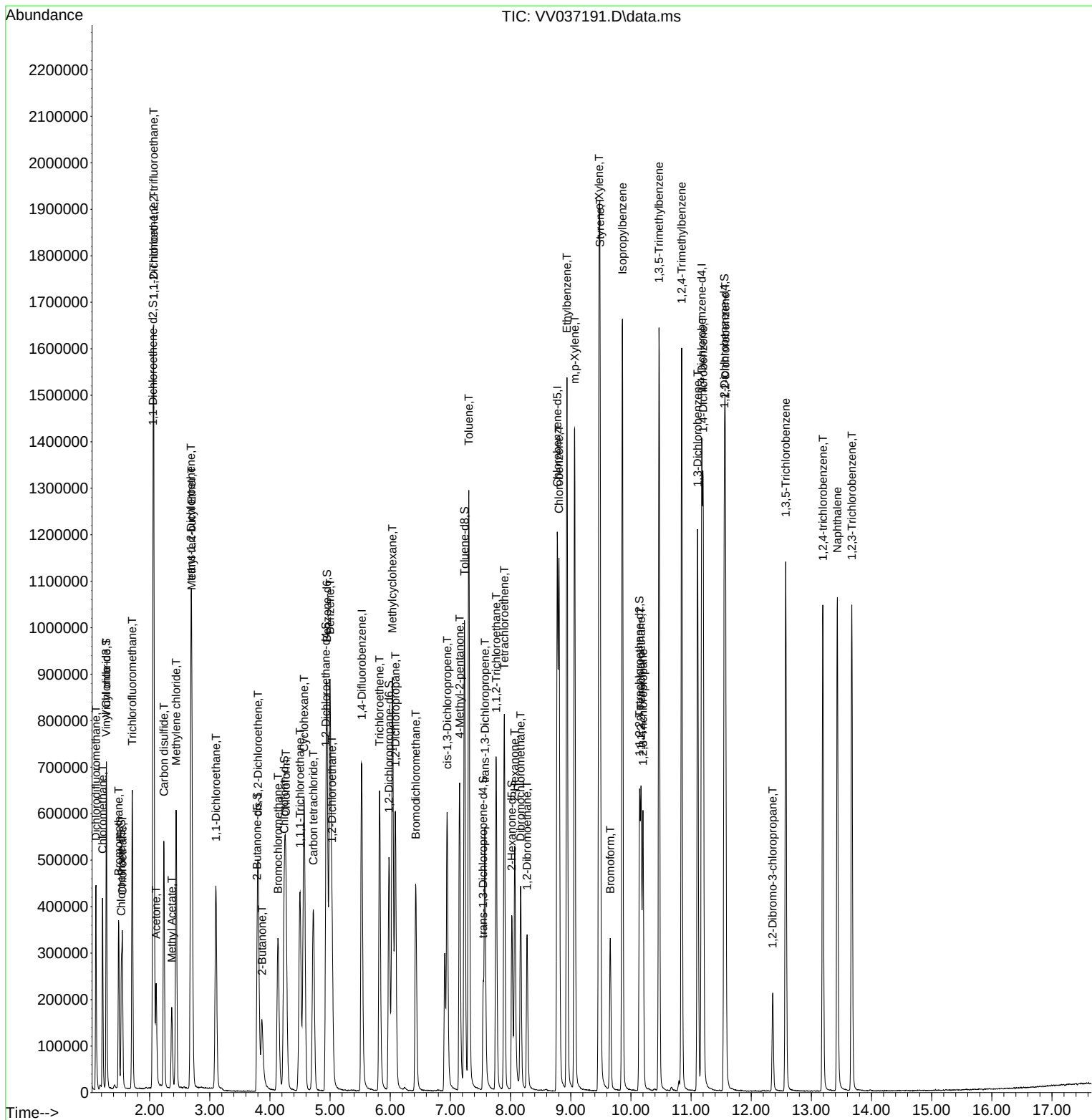
Instrument :
 MSVOA_V
 ClientSampleId :

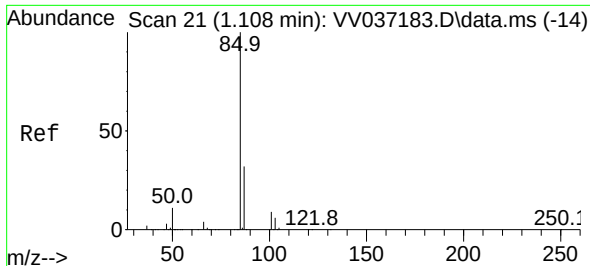
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	316899	51.107	ug/L	99
29) Cyclohexane	4.568	56	348234	49.372	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	351775	50.964	ug/L	100
31) Carbon tetrachloride	4.722	117	299695	51.455	ug/L	100
33) Benzene	4.999	78	891852	51.516	ug/L	100
34) Trichloroethene	5.822	95	232525	50.887	ug/L	98
35) Methylcyclohexane	6.037	83	374223	50.406	ug/L	98
37) 1,2-Dichloropropane	6.085	63	236692	50.998	ug/L	99
38) Bromodichloromethane	6.423	83	306521	51.528	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	375479	51.265	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	441164	93.497	ug/L	99
42) Toluene	7.307	91	943151	52.324	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	332780	50.832	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	219964	50.912	ug/L	99
46) Tetrachloroethene	7.896	164	169890	51.818	ug/L	98
48) 2-Hexanone	8.069	43	334751	91.733	ug/L	98
49) Dibromochloromethane	8.169	129	218982	50.618	ug/L	98
50) 1,2-Dibromoethane	8.275	107	219206	50.139	ug/L	98
51) Chlorobenzene	8.805	112	604316	50.641	ug/L	99
52) Ethylbenzene	8.937	91	1051420	51.641	ug/L	100
53) m,p-Xylene	9.066	106	395948	52.488	ug/L	99
54) o-Xylene	9.471	106	378328	51.222	ug/L	99
55) Styrene	9.487	104	671395	52.387	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	310821	48.575	ug/L	99
59) Bromoform	9.657	173	138880	48.183	ug/L	100
60) Isopropylbenzene	9.860	105	1040397	51.846	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	229159	47.591	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	846574	51.564	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	845697	51.616	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	467297	50.430	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	478847	50.490	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	460974	50.594	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	52988	44.126	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	323990	50.250	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	300217	49.449	ug/L	99
71) Naphthalene	13.432	128	822743	46.930	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	290013	48.472	ug/L	97

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

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Response via : Initial Calibration

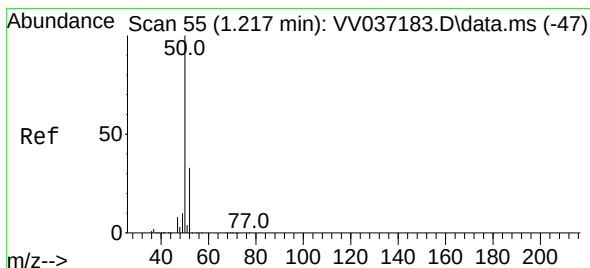
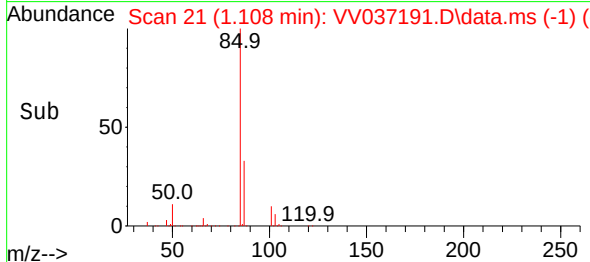
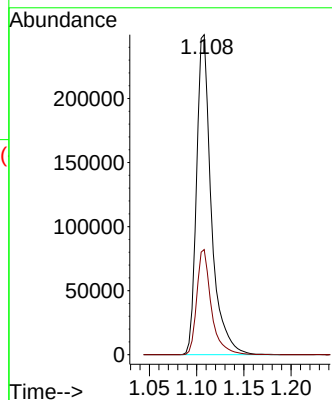
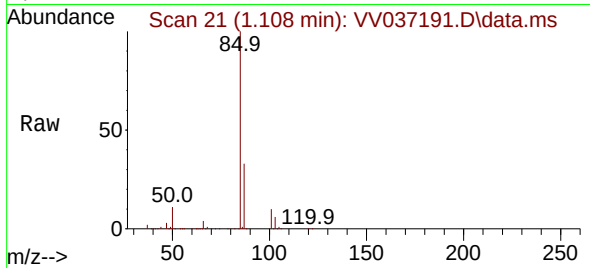




#2
Dichlorodifluoromethane
Concen: 51.668 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

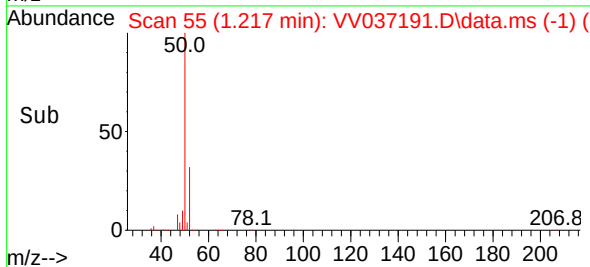
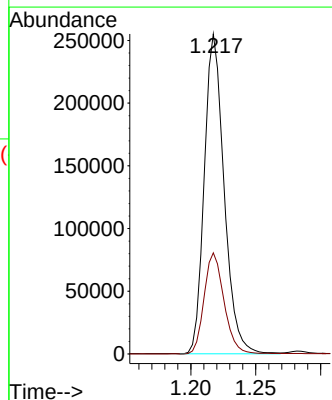
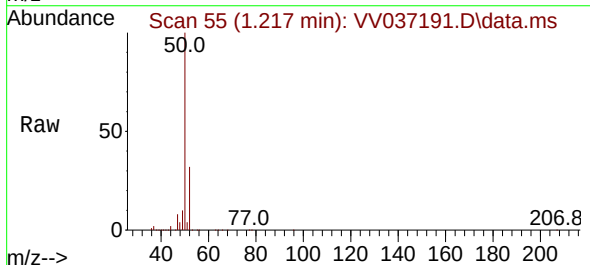
Instrument :
MSVOA_V
ClientSampleId :

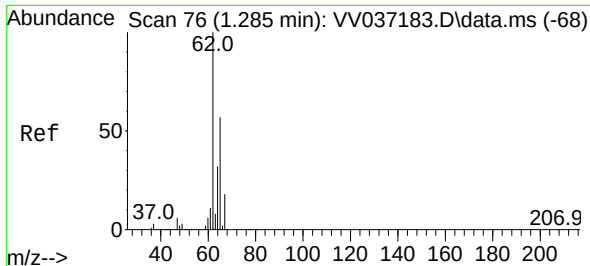
Tgt Ion: 85 Resp: 270950
Ion Ratio Lower Upper
85 100
87 32.3 25.9 38.9



#3
Chloromethane
Concen: 45.966 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion: 50 Resp: 271087
Ion Ratio Lower Upper
50 100
52 31.6 22.5 41.9

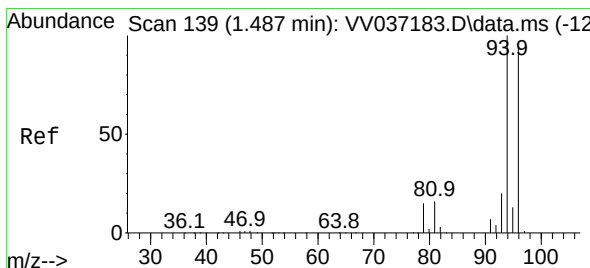
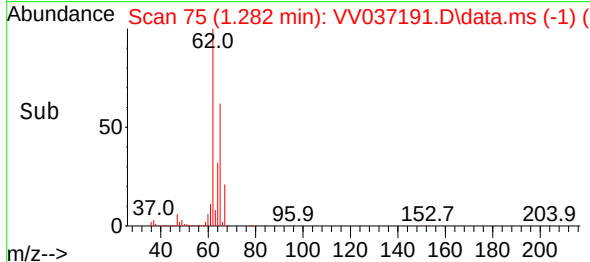
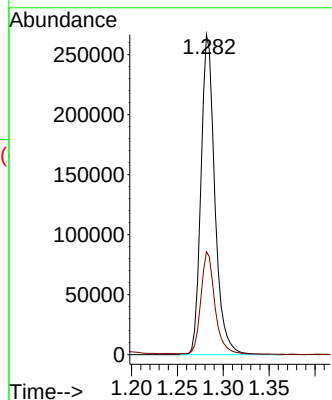
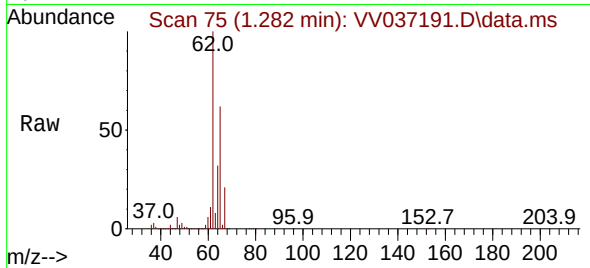




#5
 Vinyl chloride
 Concen: 50.637 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV037191.D
 Acq: 30 Aug 2024 14:24

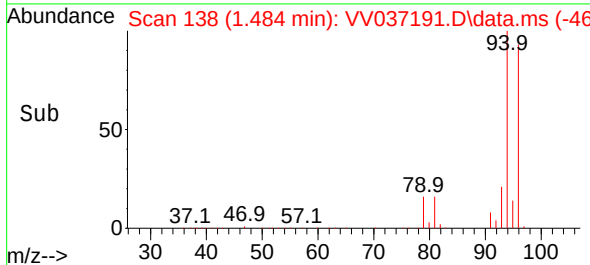
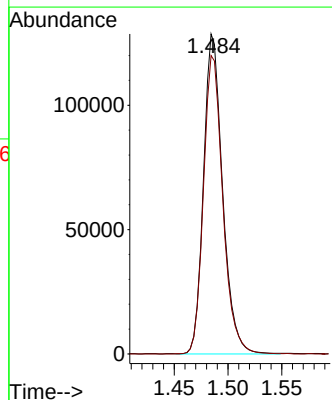
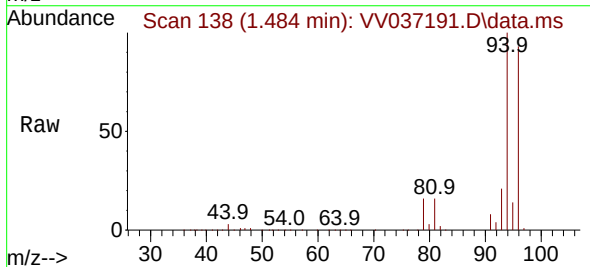
Instrument :
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 ClientSampleId :

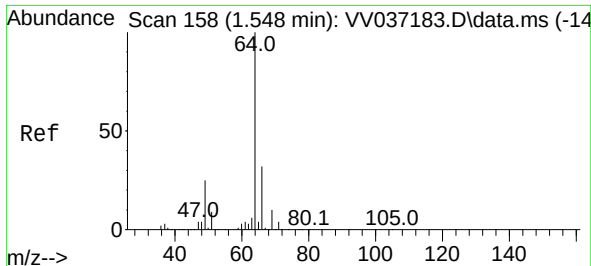
Tgt Ion: 62 Resp: 280347
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.8 42.4



#6
 Bromomethane
 Concen: 51.073 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037191.D
 Acq: 30 Aug 2024 14:24

Tgt Ion: 94 Resp: 158442
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.6 121.8

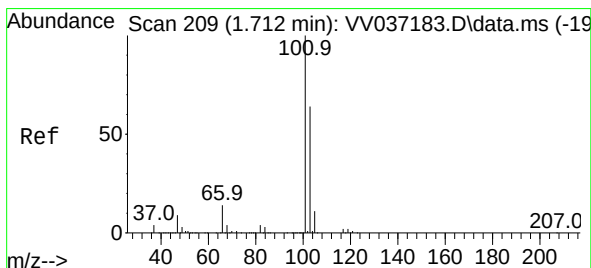
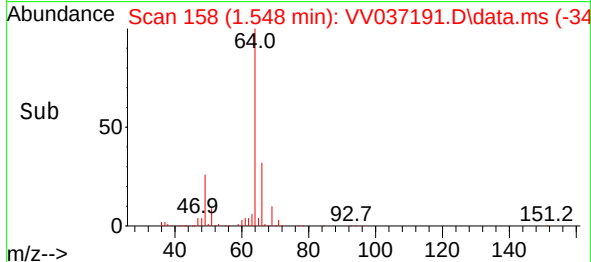
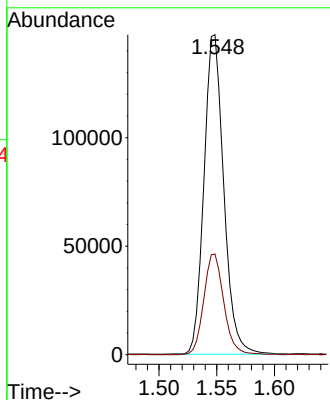
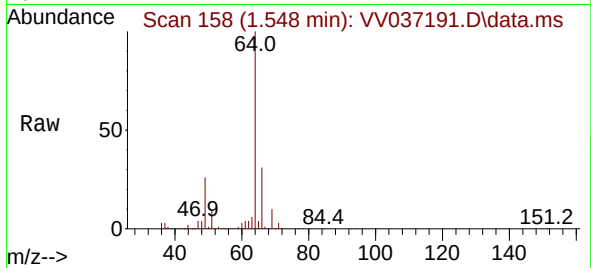




#8
Chloroethane
Concen: 51.807 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

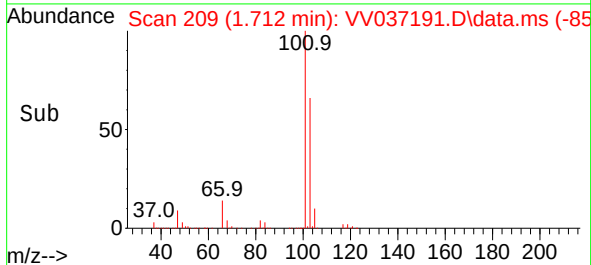
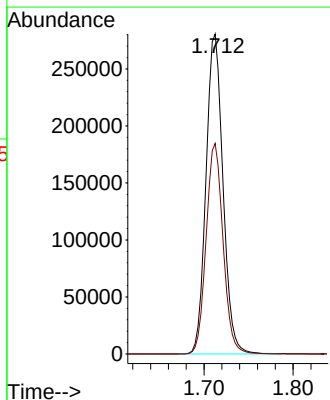
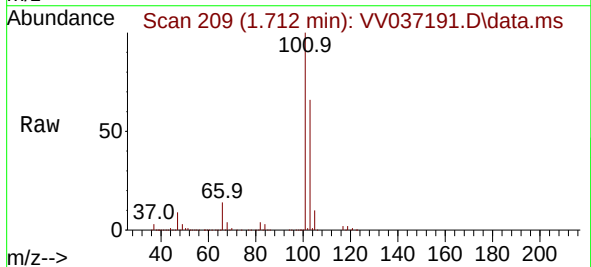
Instrument :
MSVOA_V
ClientSampleId :

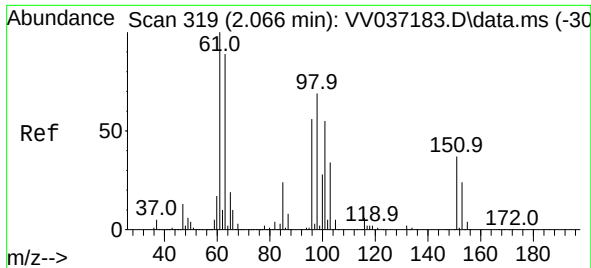
Tgt Ion: 64 Resp: 175443
Ion Ratio Lower Upper
64 100
66 31.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 51.402 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion:101 Resp: 371380
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5

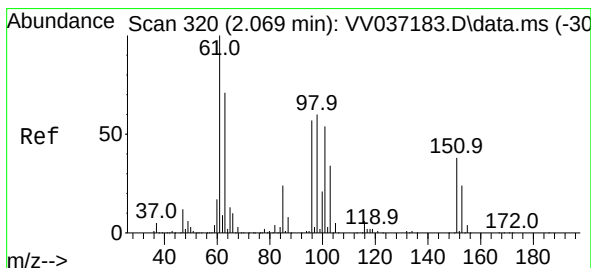
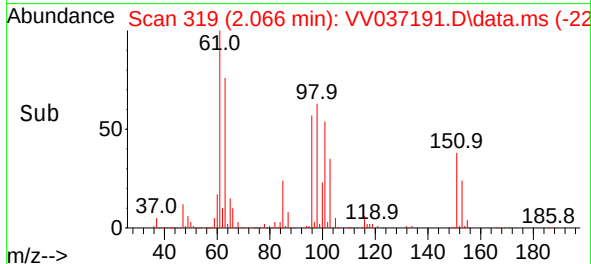
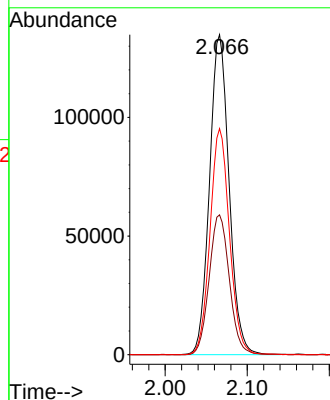
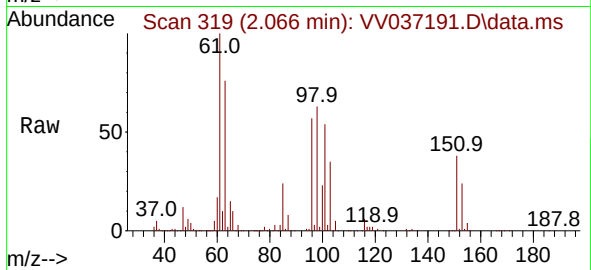




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.924 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037191.D
 Acq: 30 Aug 2024 14:24

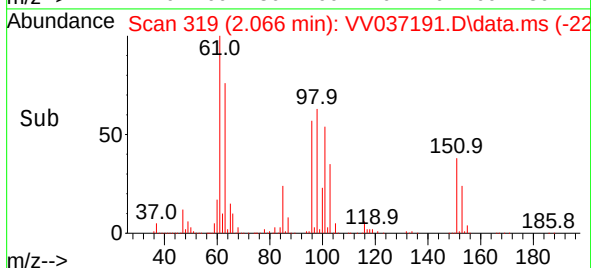
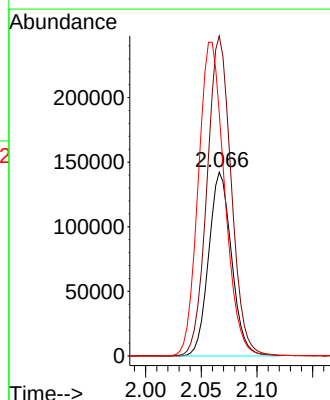
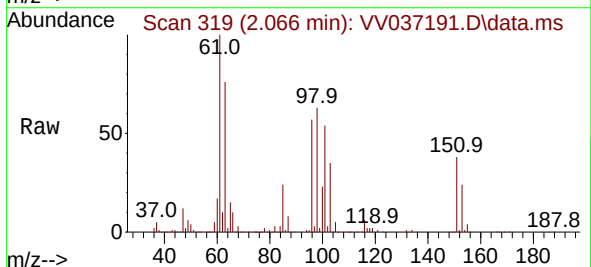
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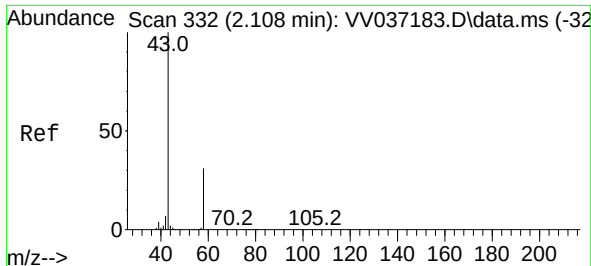
Tgt Ion:101 Resp: 223131
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.6 53.4
 151 70.3 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 50.364 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV037191.D
 Acq: 30 Aug 2024 14:24

Tgt Ion: 96 Resp: 203906
 Ion Ratio Lower Upper
 96 100
 61 174.2 123.8 229.8
 63 132.3 96.5 179.1





#13

Acetone

Concen: 92.701 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

MSVOA_V

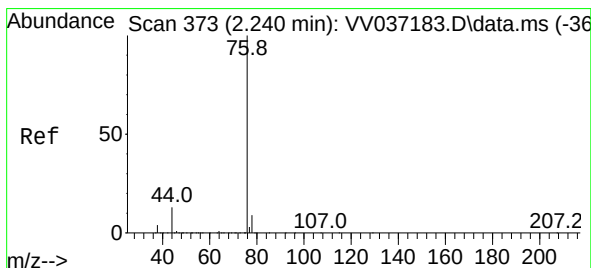
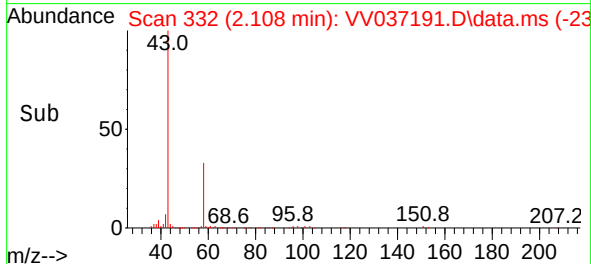
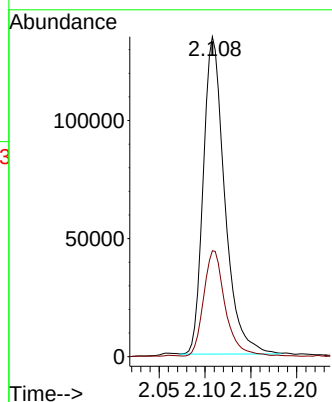
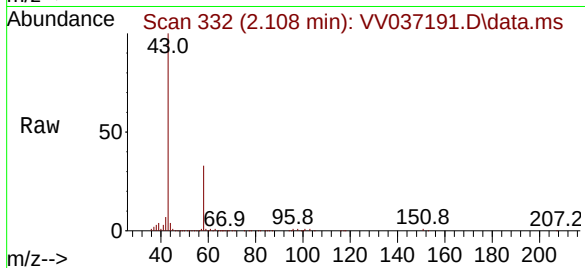
ClientSampleId :

Tgt Ion: 43 Resp: 218554

Ion Ratio Lower Upper

43 100

58 33.3 0.0 64.8



#14

Carbon disulfide

Concen: 47.552 ug/L

RT: 2.237 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV037191.D

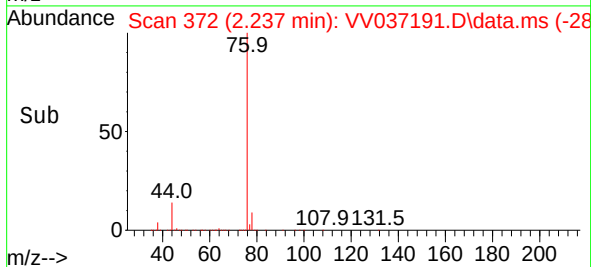
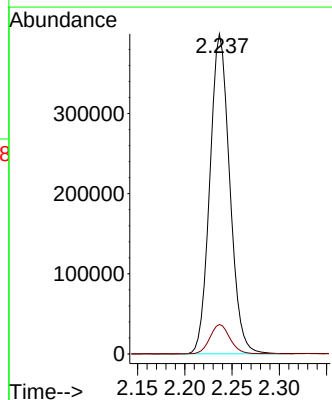
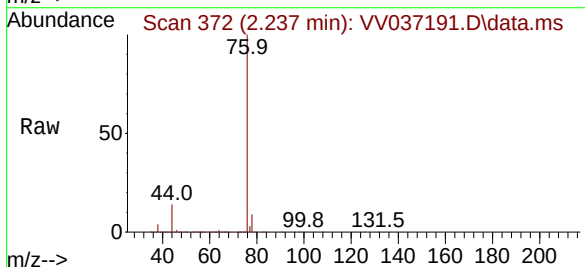
Acq: 30 Aug 2024 14:24

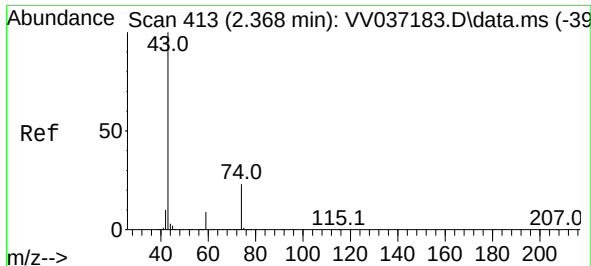
Tgt Ion: 76 Resp: 584450

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

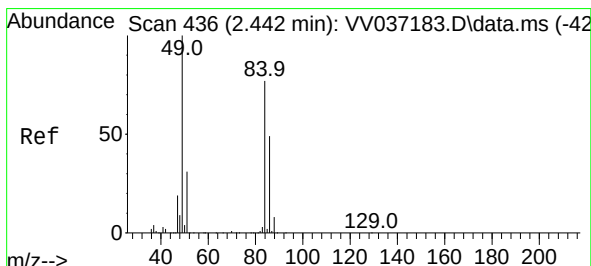
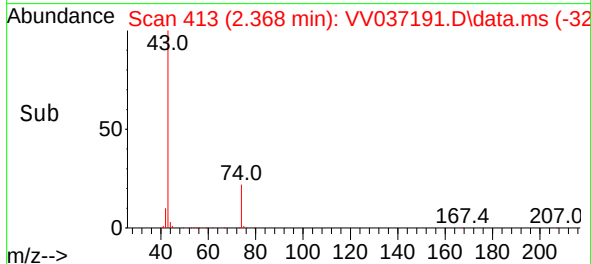
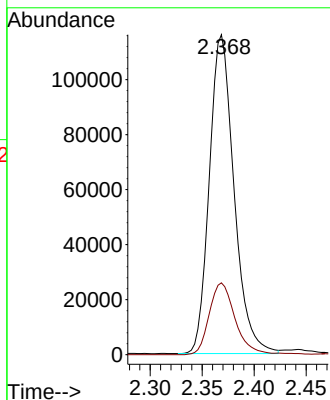
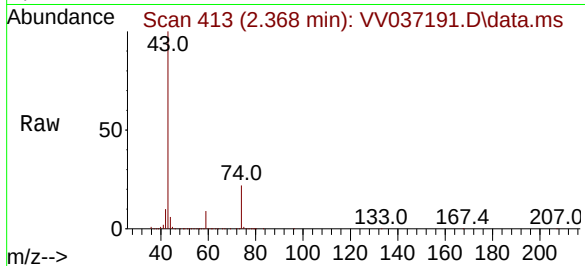




#15
Methyl Acetate
Concen: 48.478 ug/L
RT: 2.368 min Scan# 413
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

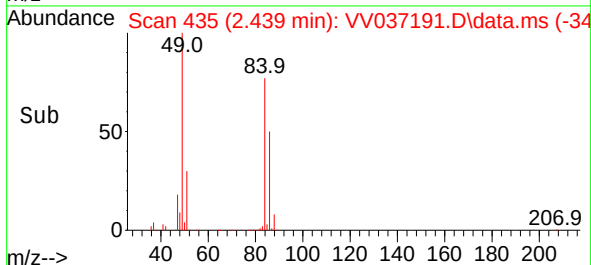
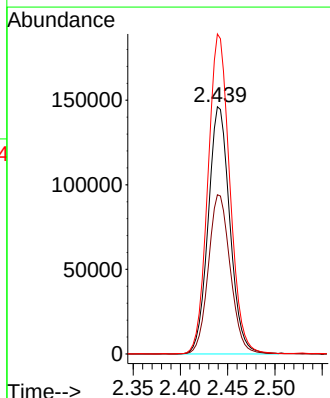
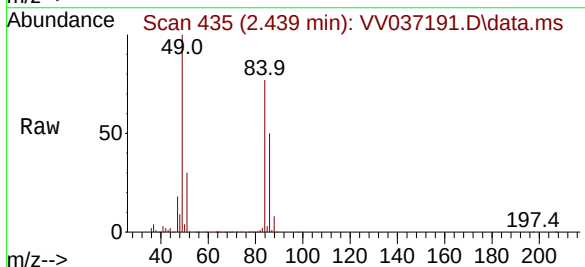
Instrument :
MSVOA_V
ClientSampleId :

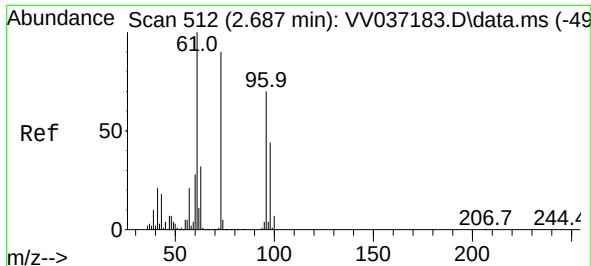
Tgt Ion: 43 Resp: 191613
Ion Ratio Lower Upper
43 100
74 23.5 18.4 27.6



#16
Methylene chloride
Concen: 51.063 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion: 84 Resp: 233252
Ion Ratio Lower Upper
84 100
86 64.4 44.7 82.9
49 129.5 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 51.460 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

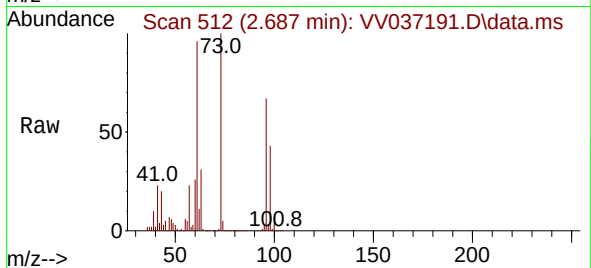
Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :



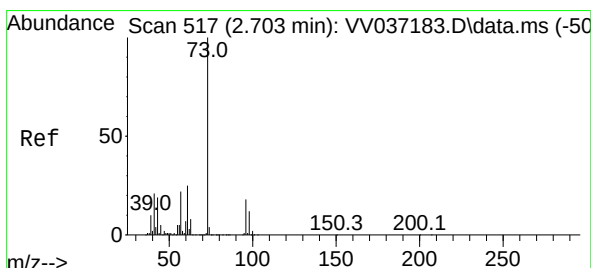
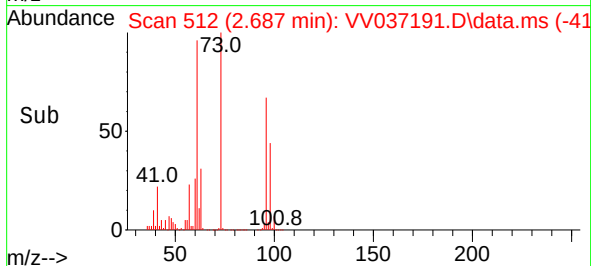
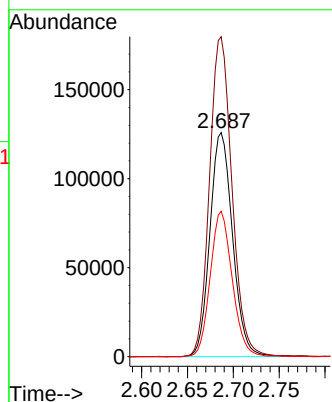
Tgt Ion: 96 Resp: 216285

Ion Ratio Lower Upper

96 100

61 142.8 102.3 189.9

98 64.9 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 50.079 ug/L

RT: 2.700 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

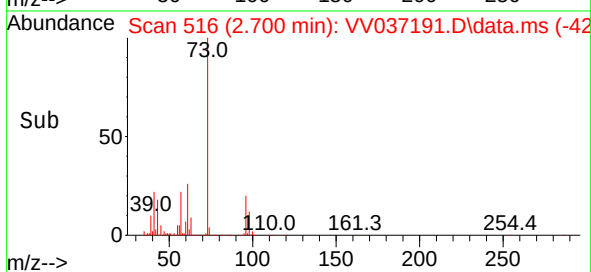
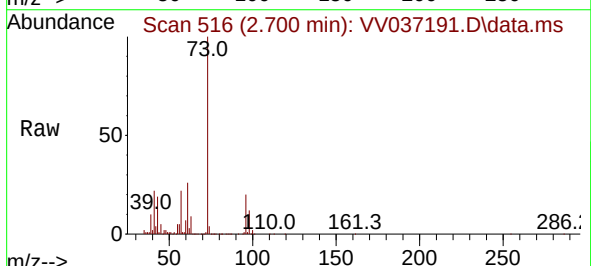
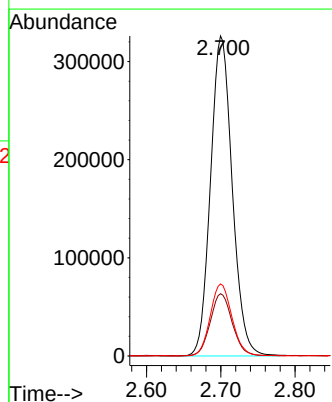
Tgt Ion: 73 Resp: 662109

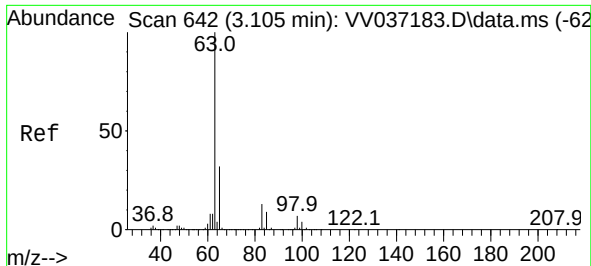
Ion Ratio Lower Upper

73 100

43 19.4 15.8 23.6

57 22.5 18.1 27.1

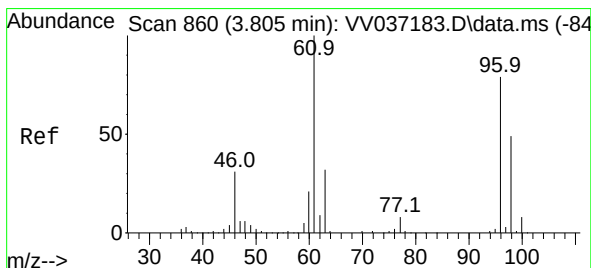
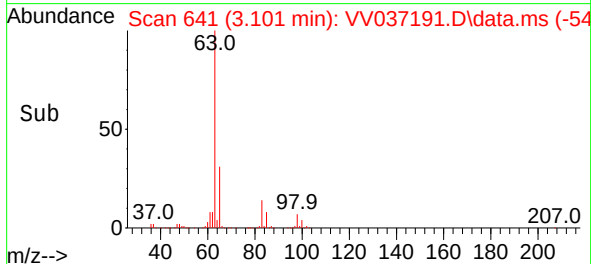
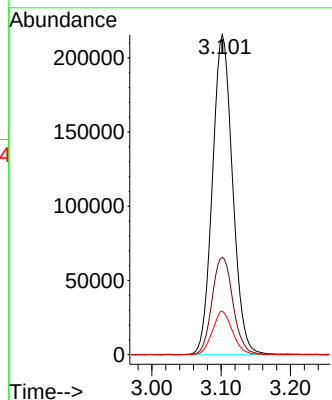
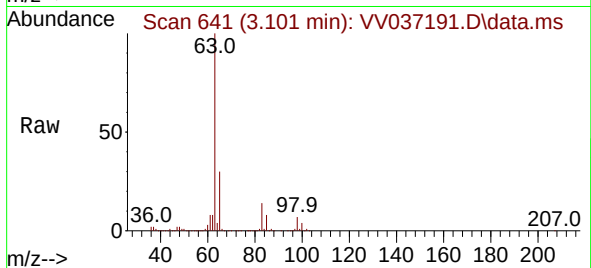




#19
1,1-Dichloroethane
Concen: 52.205 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

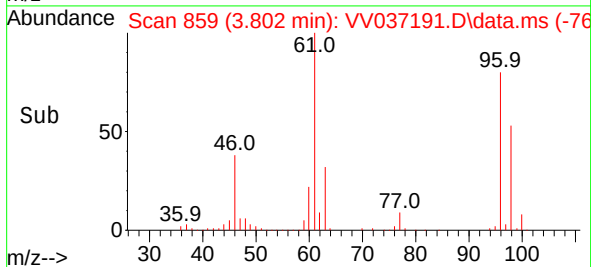
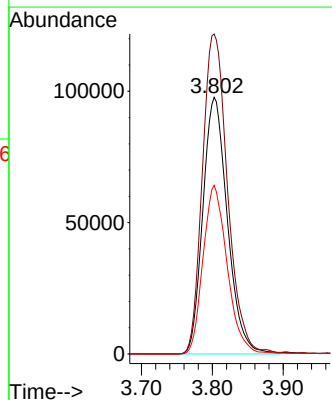
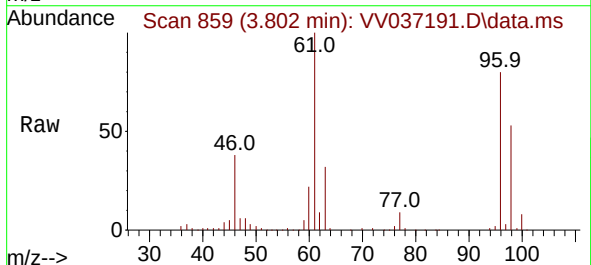
Instrument :
MSVOA_V
ClientSampleId :

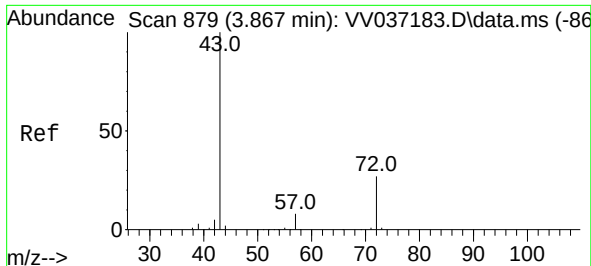
Tgt Ion: 63 Resp: 435742
Ion Ratio Lower Upper
63 100
65 30.5 22.0 41.0
83 13.6 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 50.688 ug/L
RT: 3.802 min Scan# 859
Delta R.T. -0.003 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion: 96 Resp: 235408
Ion Ratio Lower Upper
96 100
61 124.7 89.9 166.9
98 65.7 44.8 83.2

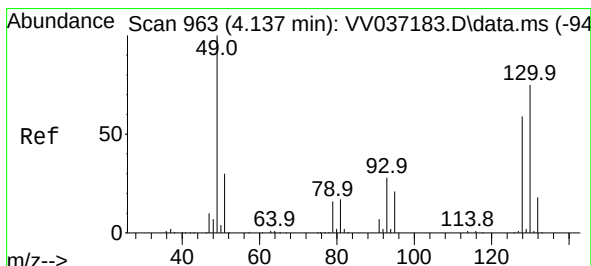
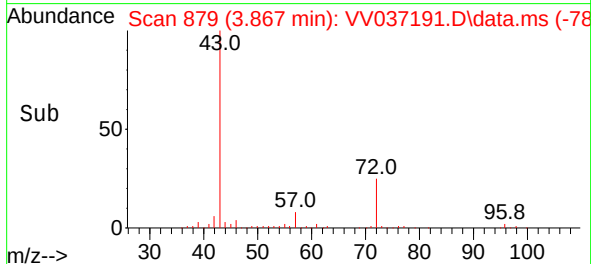
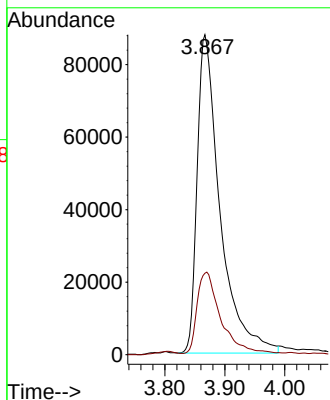
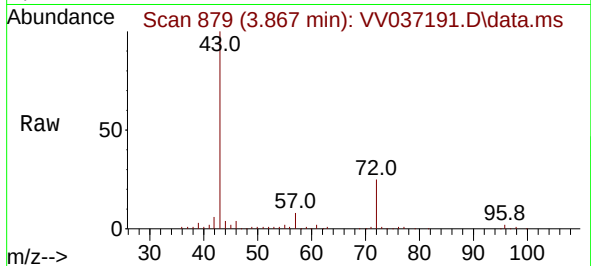




#22
2-Butanone
Concen: 89.871 ug/L
RT: 3.867 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

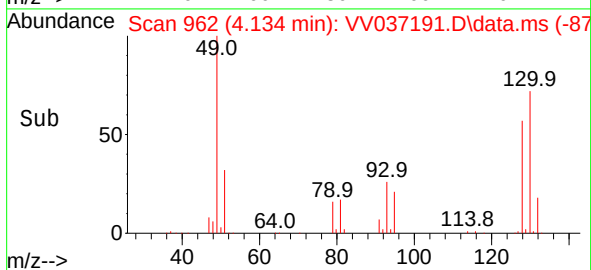
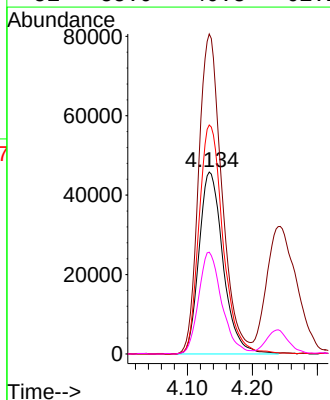
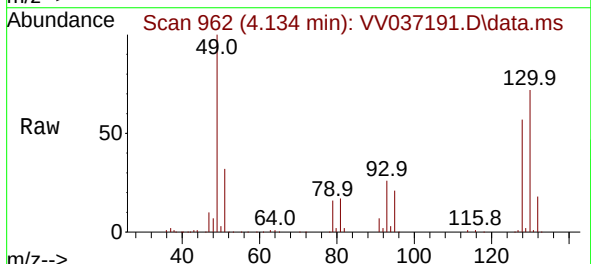
Instrument :
MSVOA_V
ClientSampleId :

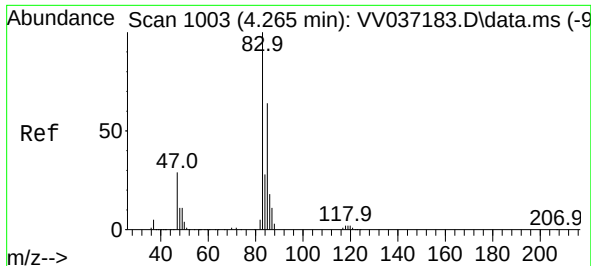
Tgt Ion: 43 Resp: 233286
Ion Ratio Lower Upper
43 100
72 26.3 12.7 38.0



#23
Bromochloromethane
Concen: 51.730 ug/L
RT: 4.134 min Scan# 962
Delta R.T. -0.003 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion:128 Resp: 117935
Ion Ratio Lower Upper
128 100
49 175.8 117.2 217.6
130 125.8 87.6 162.8
51 55.9 40.8 61.2





#25

Chloroform

Concen: 50.456 ug/L

RT: 4.265 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

MSVOA_V

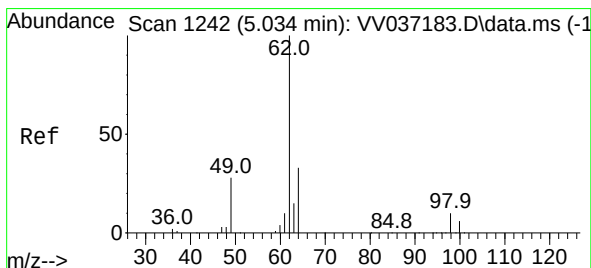
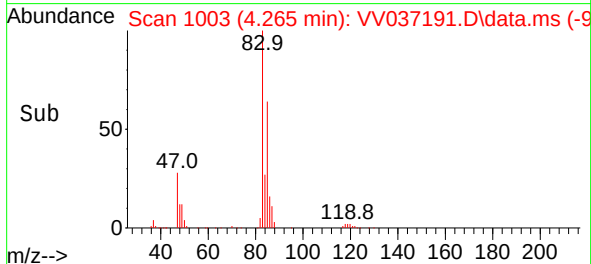
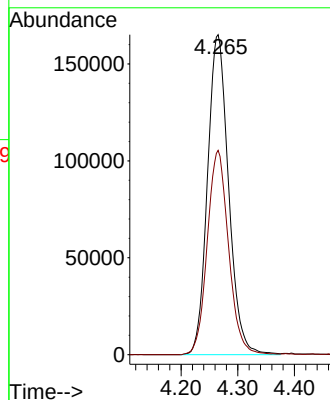
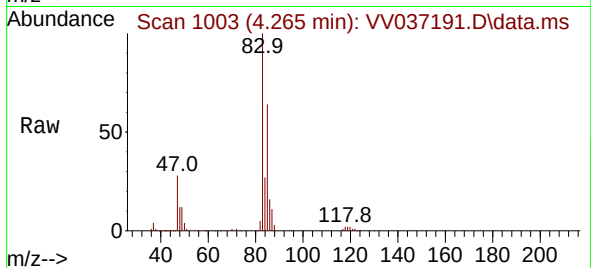
ClientSampleId :

Tgt Ion: 83 Resp: 426508

Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 51.107 ug/L

RT: 5.031 min Scan# 1241

Delta R.T. -0.003 min

Lab File: VV037191.D

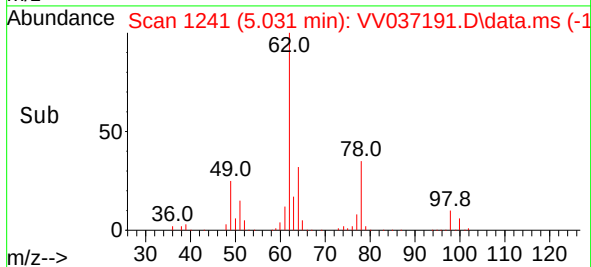
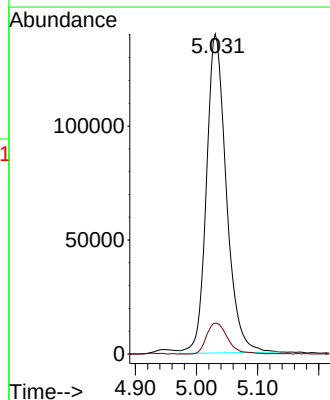
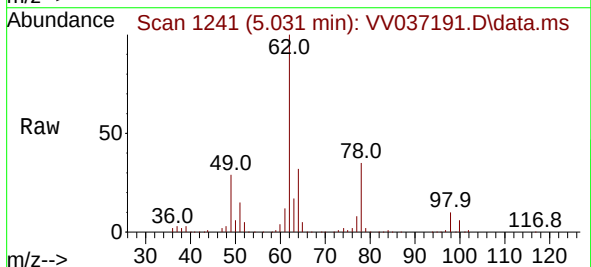
Acq: 30 Aug 2024 14:24

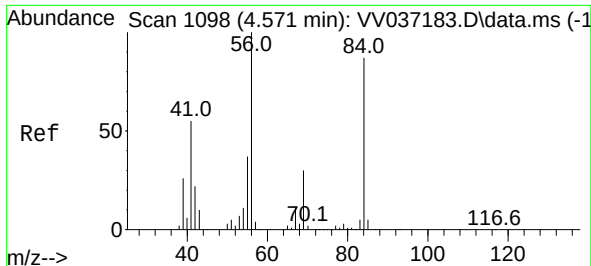
Tgt Ion: 62 Resp: 316899

Ion Ratio Lower Upper

62 100

98 9.7 8.0 12.0





#29

Cyclohexane

Concen: 49.372 ug/L

RT: 4.568 min Scan# 1097

Delta R.T. -0.003 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

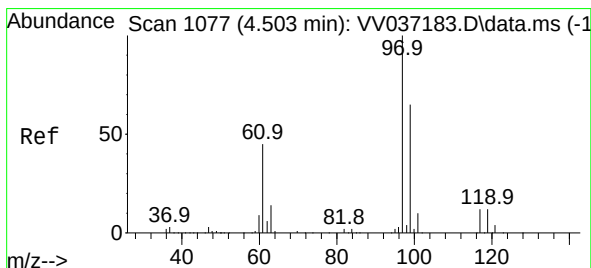
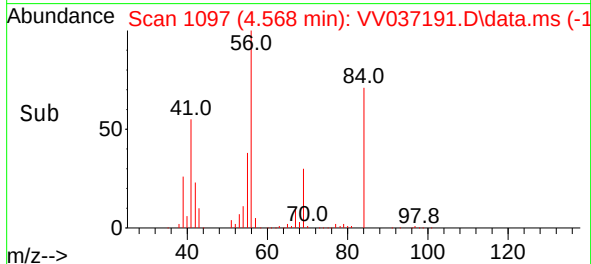
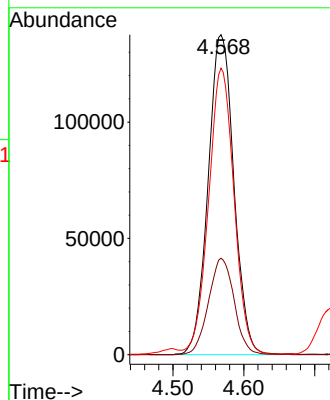
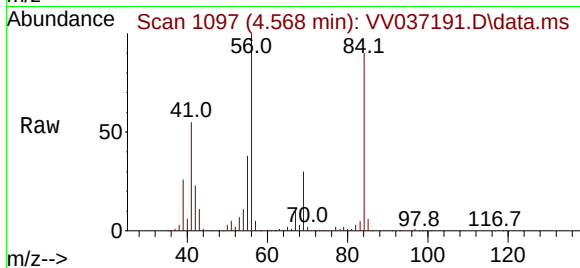
Tgt Ion: 56 Resp: 348234

Ion Ratio Lower Upper

56 100

69 30.0 24.2 36.4

84 88.2 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 50.964 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

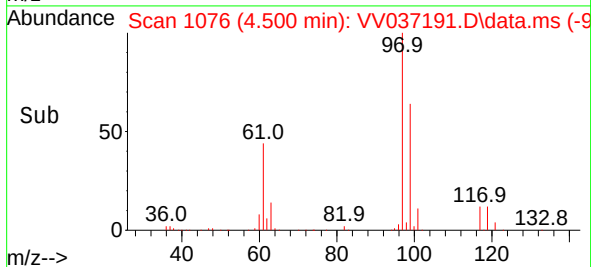
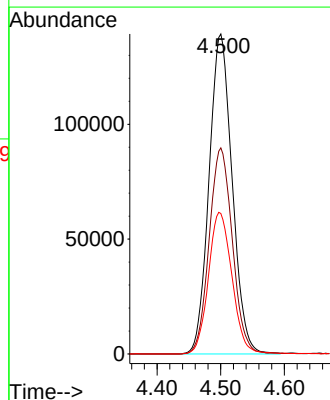
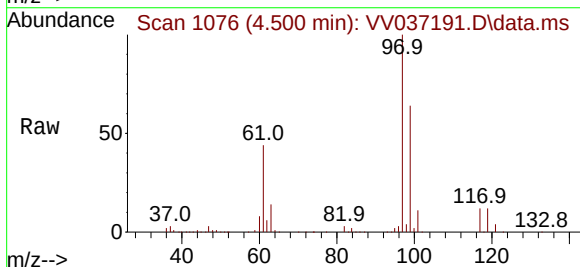
Tgt Ion: 97 Resp: 351775

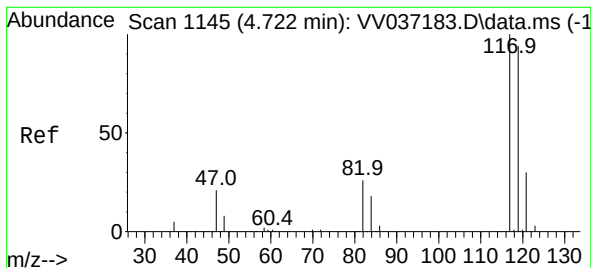
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 45.1 35.8 53.6





#31

Carbon tetrachloride

Concen: 51.455 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

MSVOA_V

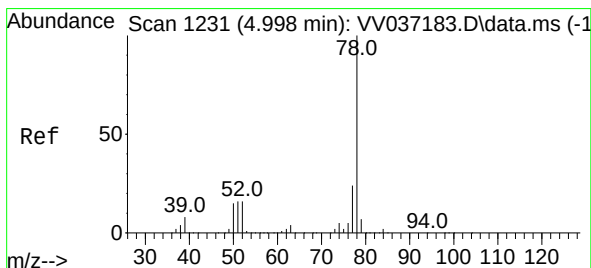
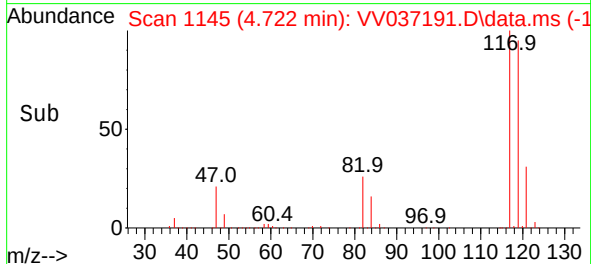
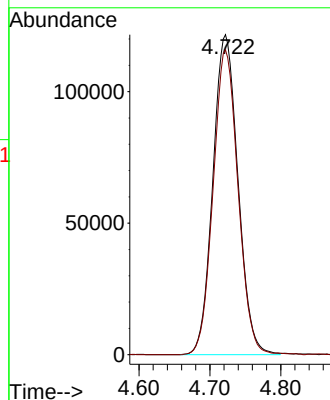
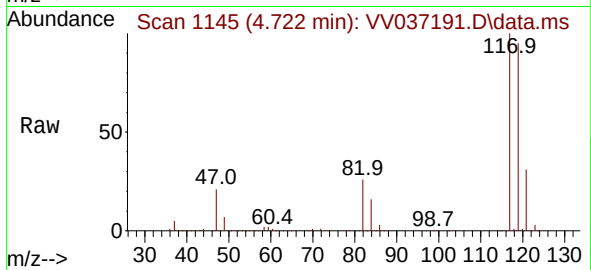
ClientSampleId :

Tgt Ion:117 Resp: 299695

Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.6



#33

Benzene

Concen: 51.516 ug/L

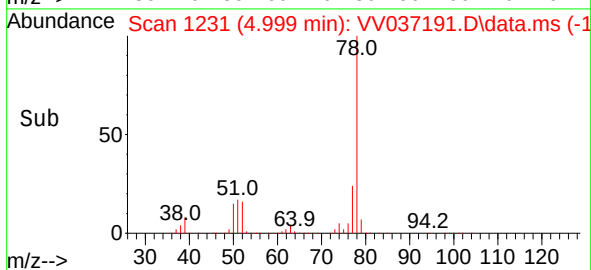
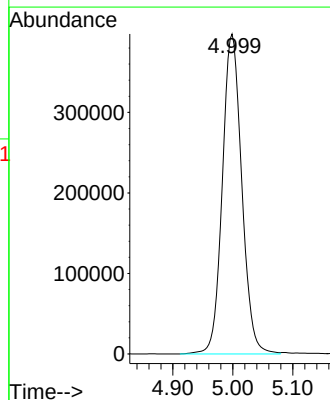
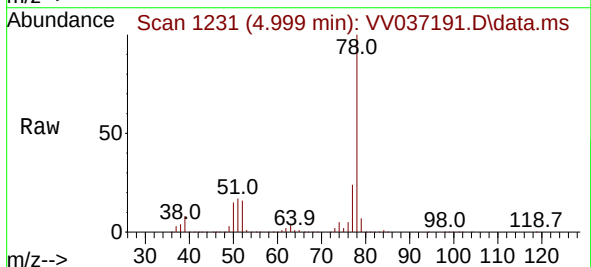
RT: 4.999 min Scan# 1231

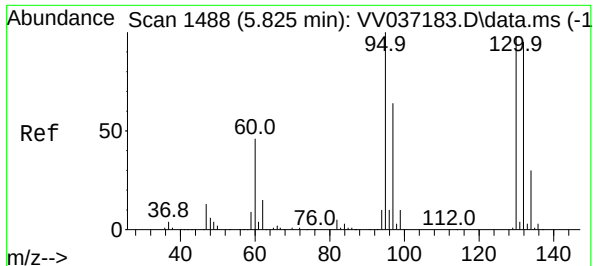
Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Tgt Ion: 78 Resp: 891852

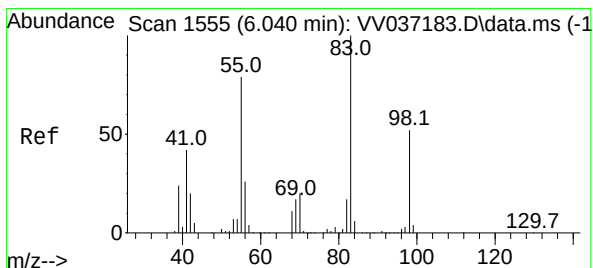
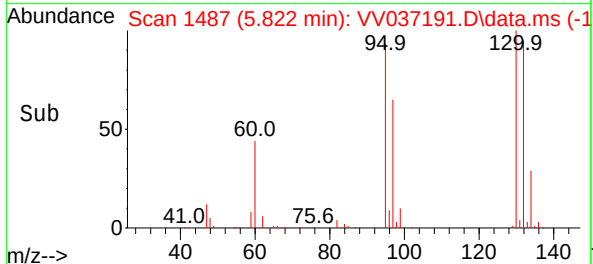
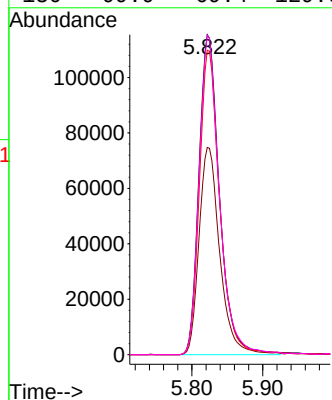
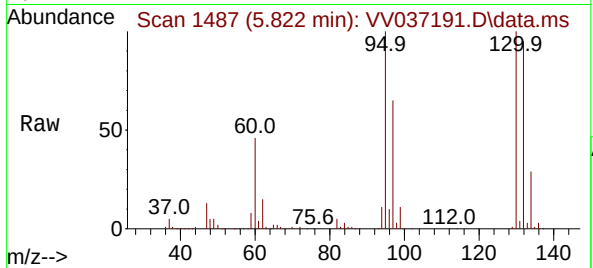




#34
Trichloroethene
Concen: 50.887 ug/L
RT: 5.822 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

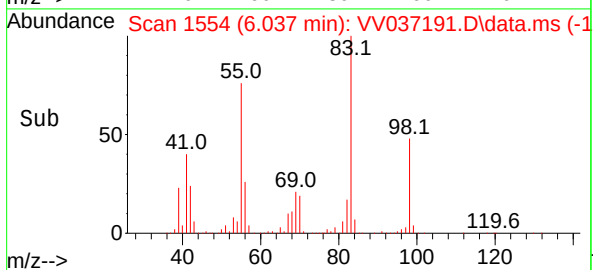
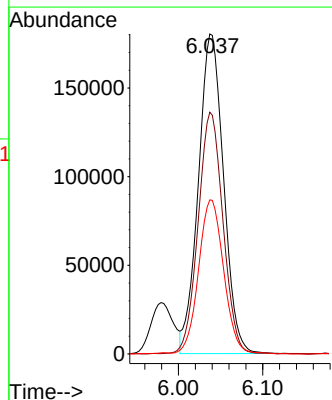
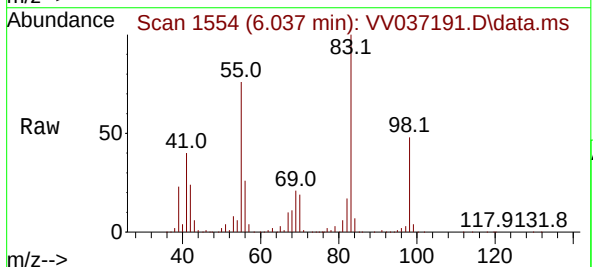
Instrument :
MSVOA_V
ClientSampleId :

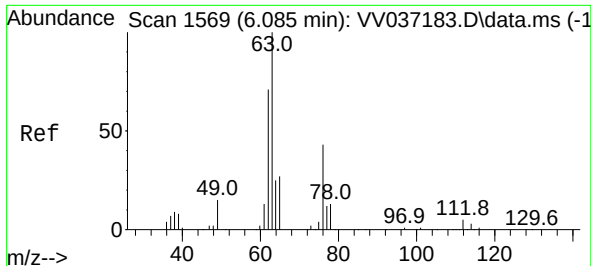
Tgt Ion: 95 Resp: 232525
Ion Ratio Lower Upper
95 100
97 64.8 44.4 82.5
132 95.1 64.9 120.5
130 99.9 69.4 129.0



#35
Methylcyclohexane
Concen: 50.406 ug/L
RT: 6.037 min Scan# 1554
Delta R.T. -0.003 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion: 83 Resp: 374223
Ion Ratio Lower Upper
83 100
55 74.6 61.2 91.8
98 47.5 39.3 58.9

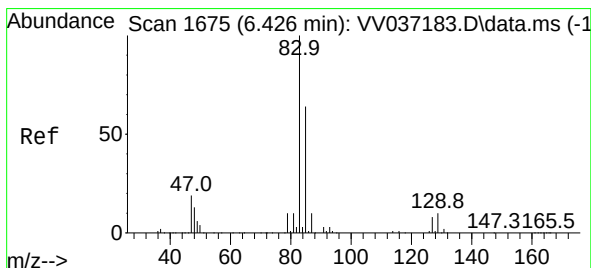
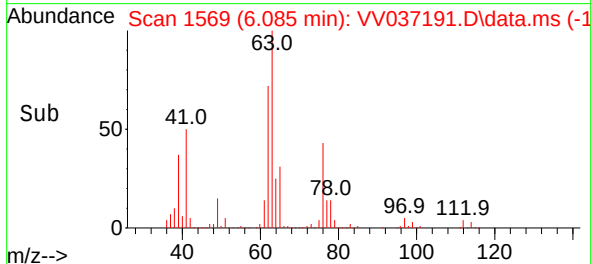
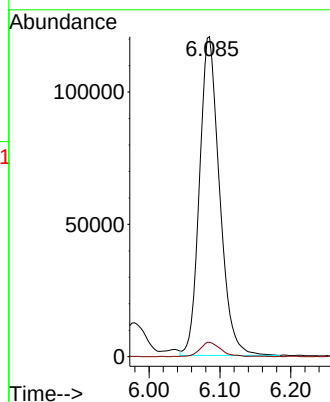
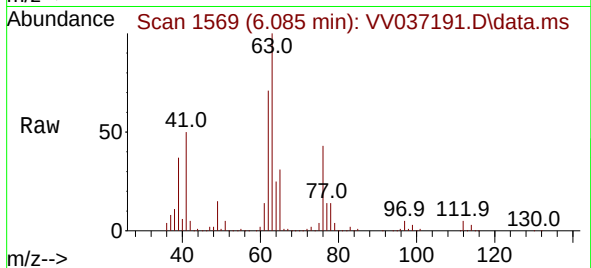




#37
1,2-Dichloropropane
Concen: 50.998 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

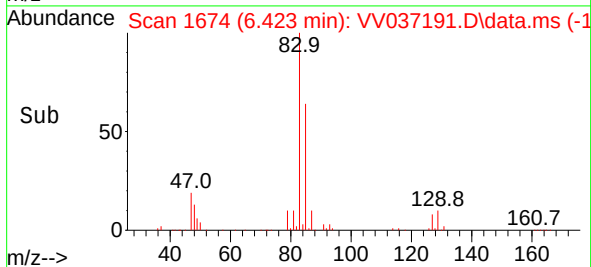
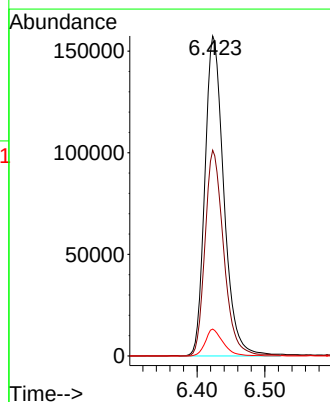
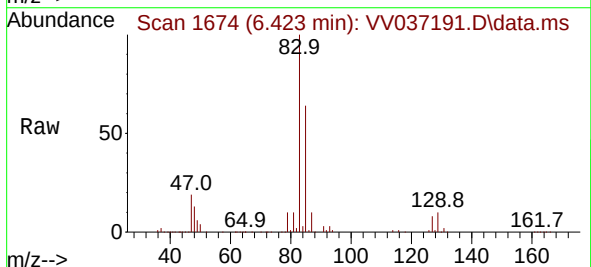
Instrument :
MSVOA_V
ClientSampleId :

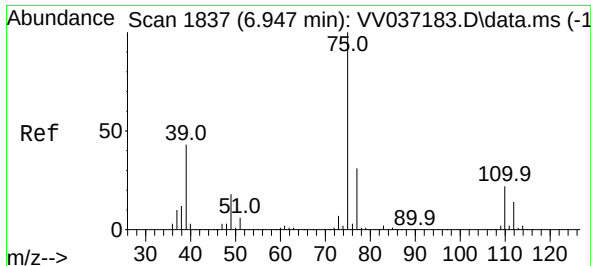
Tgt Ion: 63 Resp: 236692
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 51.528 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion: 83 Resp: 306521
Ion Ratio Lower Upper
83 100
85 64.3 44.5 82.7
127 8.4 6.1 9.1

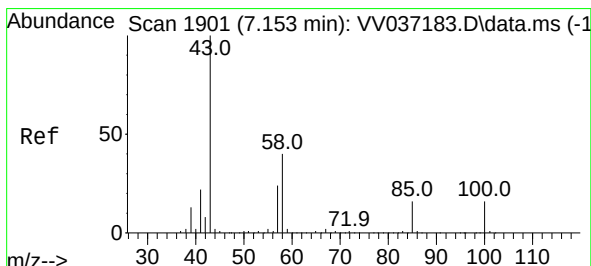
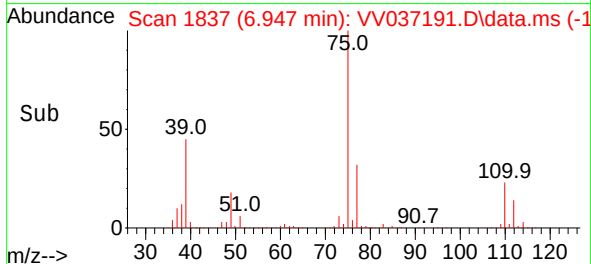
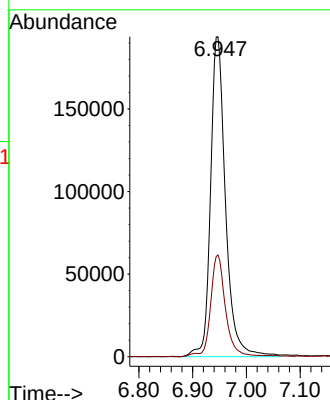
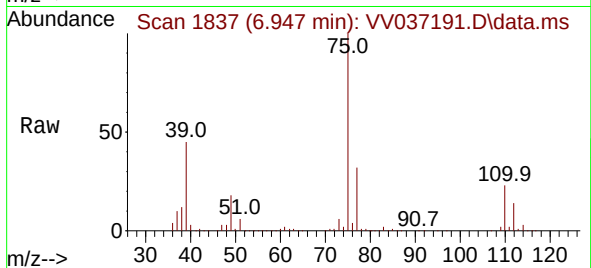




#39
cis-1,3-Dichloropropene
Concen: 51.265 ug/L
RT: 6.947 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

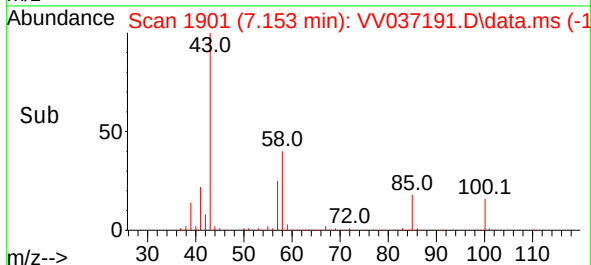
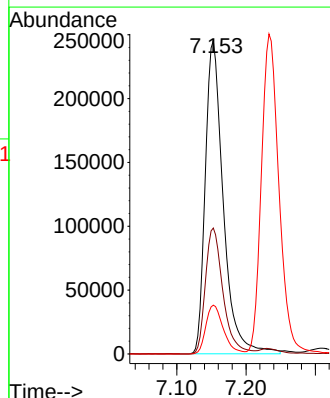
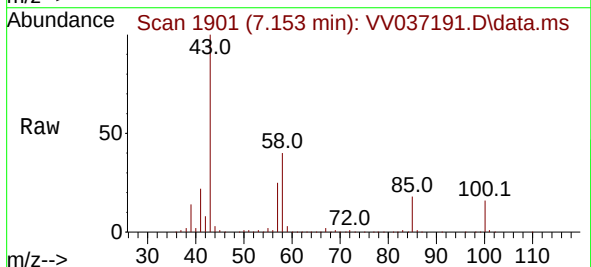
Instrument :
MSVOA_V
ClientSampleId :

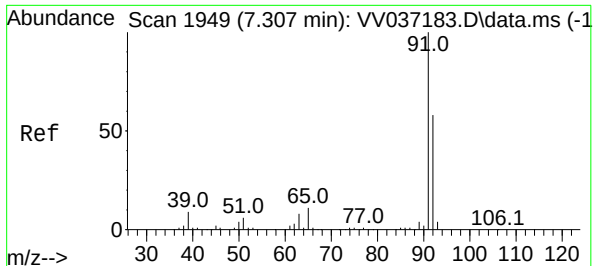
Tgt Ion: 75 Resp: 375479
Ion Ratio Lower Upper
75 100
77 31.8 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 93.497 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion: 43 Resp: 441164
Ion Ratio Lower Upper
43 100
58 39.5 32.0 48.0
100 15.2 12.4 18.6





#42

Toluene

Concen: 52.324 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

MSVOA_V

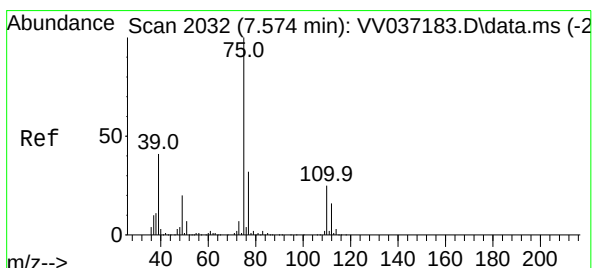
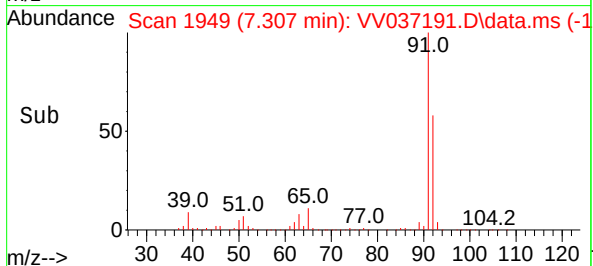
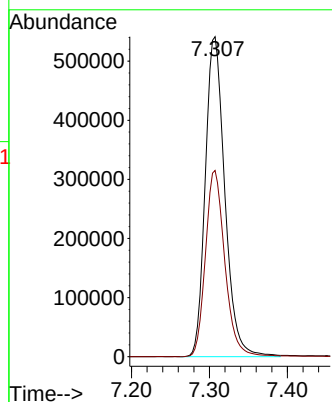
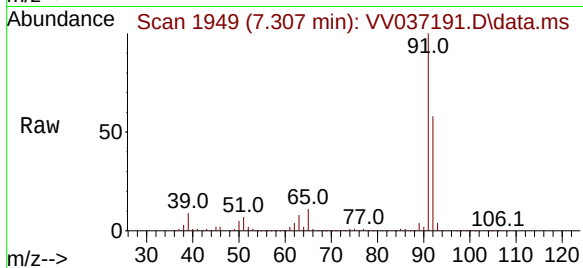
ClientSampleId :

Tgt Ion: 91 Resp: 943151

Ion Ratio Lower Upper

91 100

92 58.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 50.832 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV037191.D

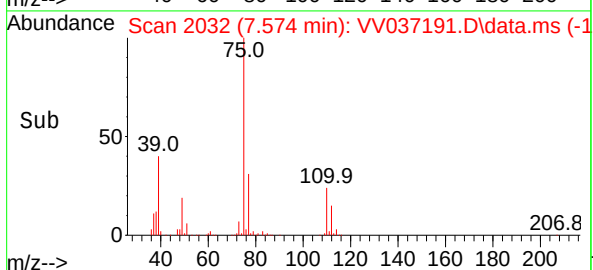
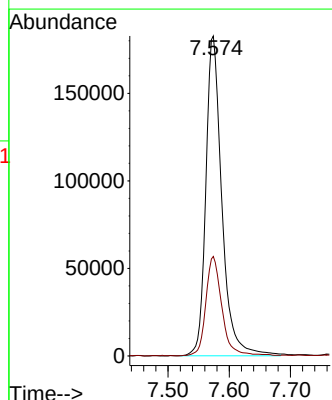
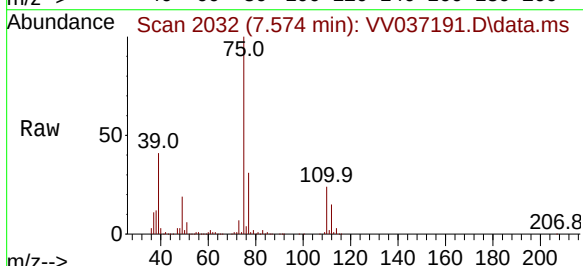
Acq: 30 Aug 2024 14:24

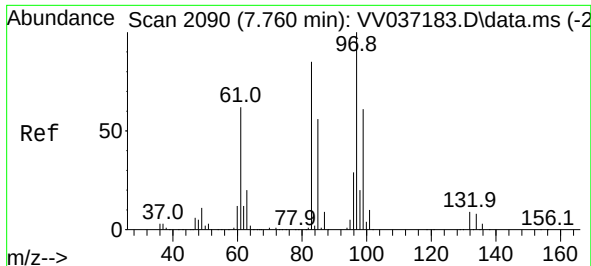
Tgt Ion: 75 Resp: 332780

Ion Ratio Lower Upper

75 100

77 31.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 50.912 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 219964

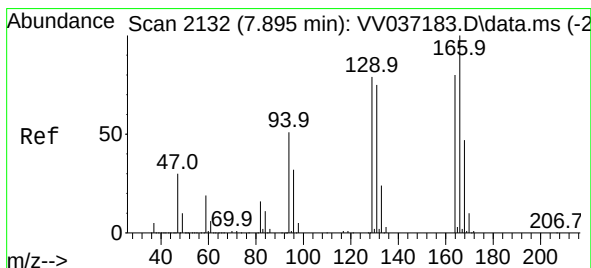
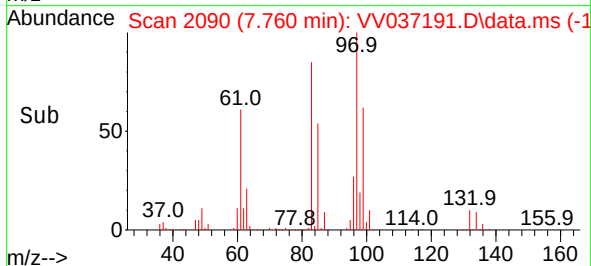
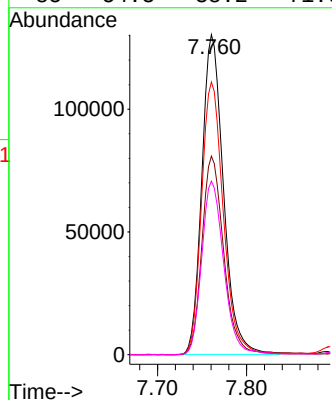
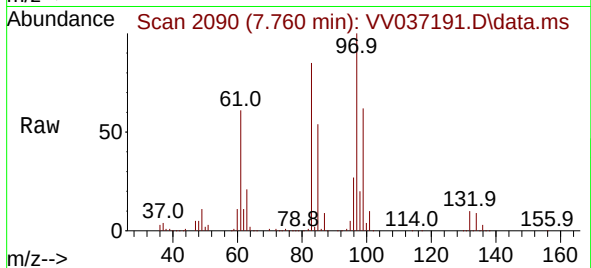
Ion Ratio Lower Upper

97 100

99 62.0 42.6 79.0

83 85.2 60.5 112.3

85 54.3 38.2 71.0



#46

Tetrachloroethene

Concen: 51.818 ug/L

RT: 7.896 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Tgt Ion:164 Resp: 169890

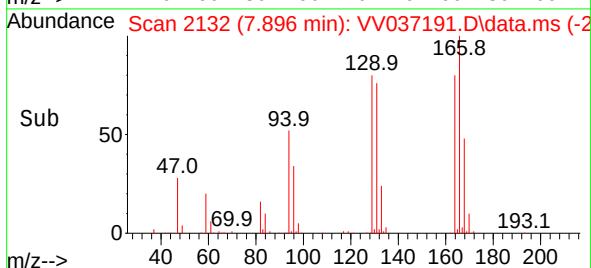
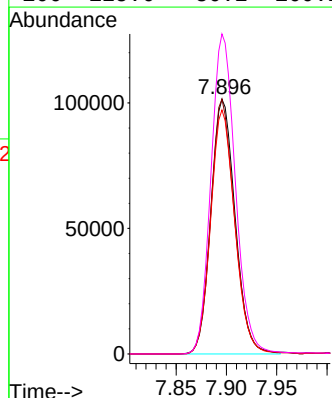
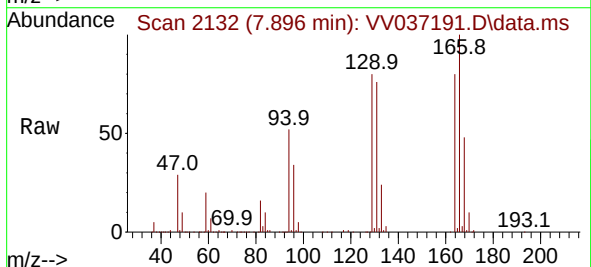
Ion Ratio Lower Upper

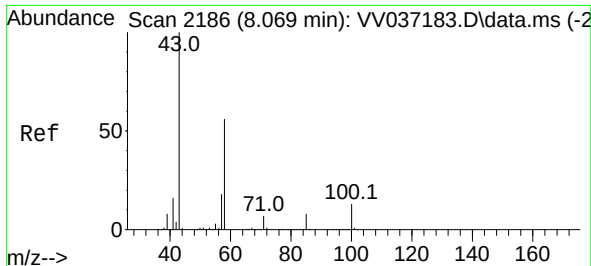
164 100

129 100.0 67.1 124.7

131 95.8 67.0 124.4

166 125.6 86.2 160.2

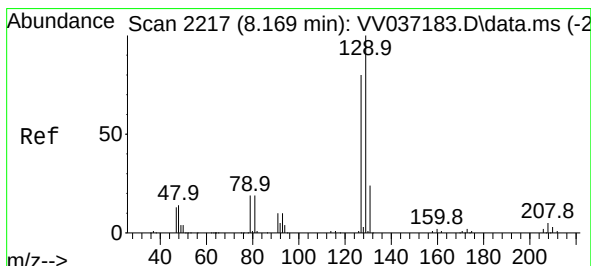
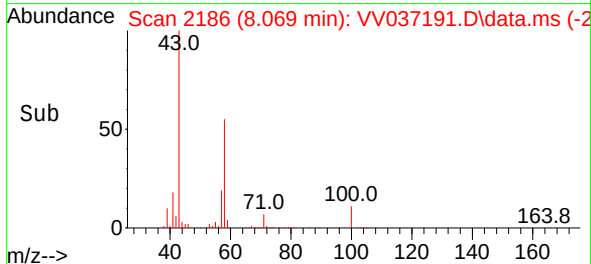
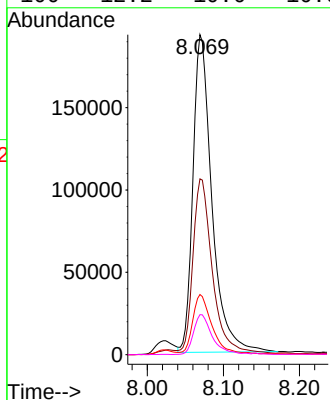
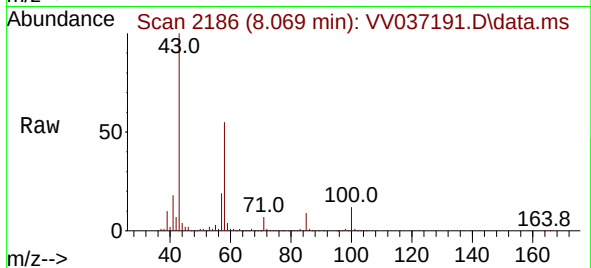




#48
2-Hexanone
Concen: 91.733 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

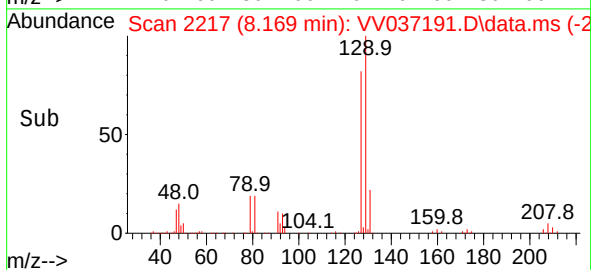
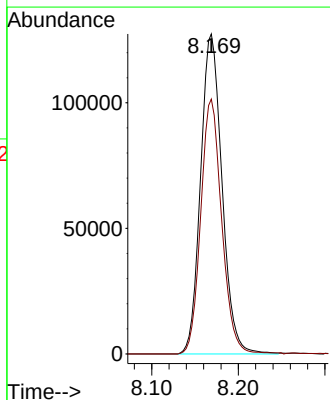
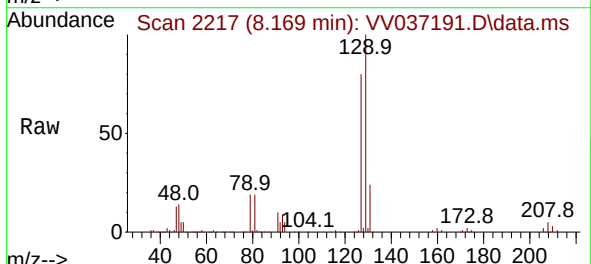
Instrument :
MSVOA_V
ClientSampleId :

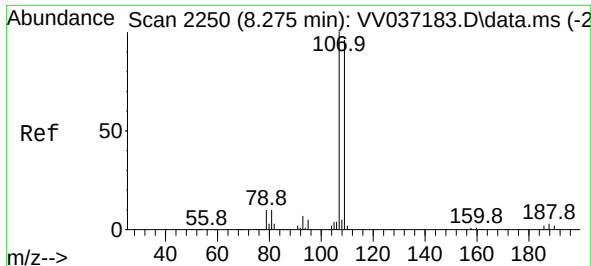
Tgt Ion: 43 Resp: 334751
Ion Ratio Lower Upper
43 100
58 56.2 46.0 69.0
57 19.0 15.6 23.4
100 12.2 10.6 16.0



#49
Dibromochloromethane
Concen: 50.618 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion: 129 Resp: 218982
Ion Ratio Lower Upper
129 100
127 79.6 54.7 101.7

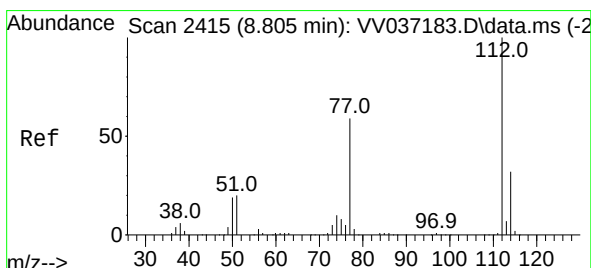
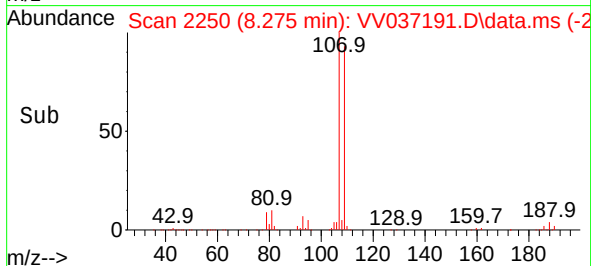
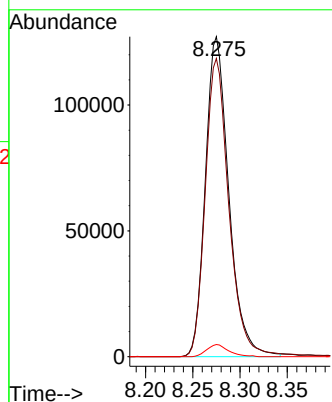
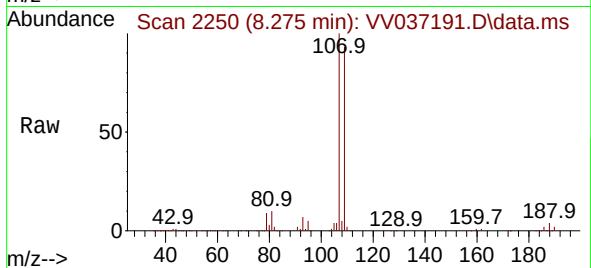




#50
1,2-Dibromoethane
Concen: 50.139 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

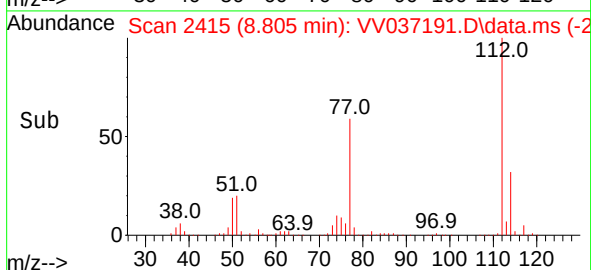
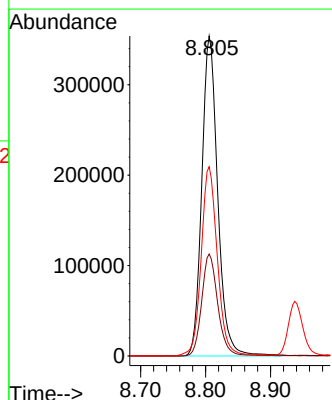
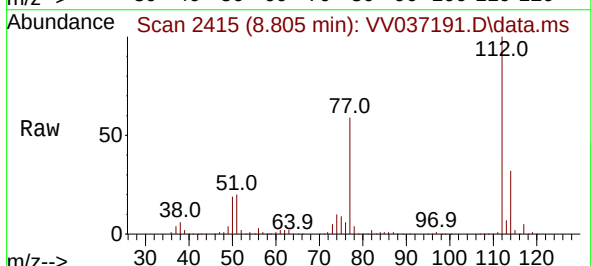
Instrument :
MSVOA_V
ClientSampleId :

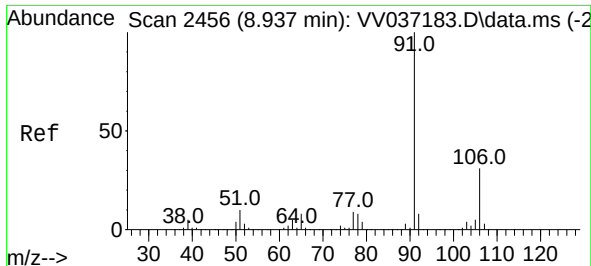
Tgt Ion:107 Resp: 219206
Ion Ratio Lower Upper
107 100
109 93.2 66.6 123.6
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 50.641 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion:112 Resp: 604316
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 59.2 47.8 71.8

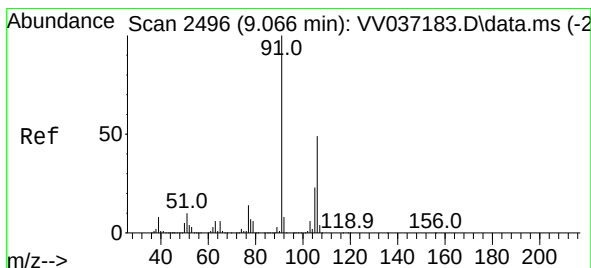
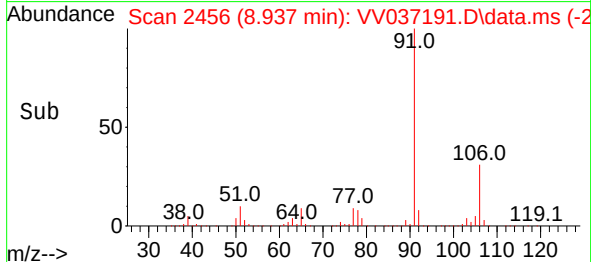
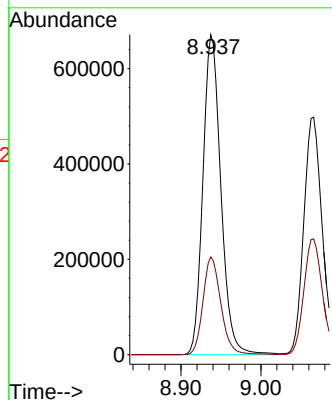
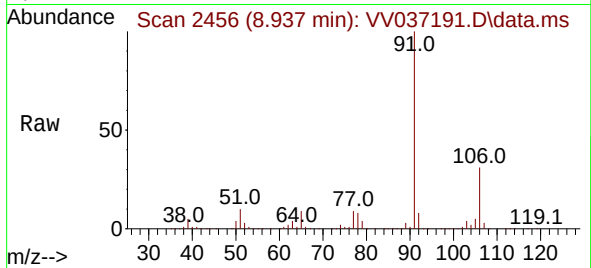




#52
Ethylbenzene
Concen: 51.641 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

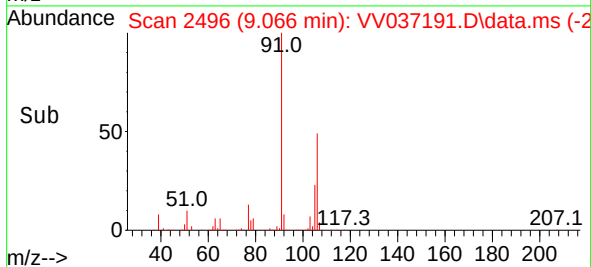
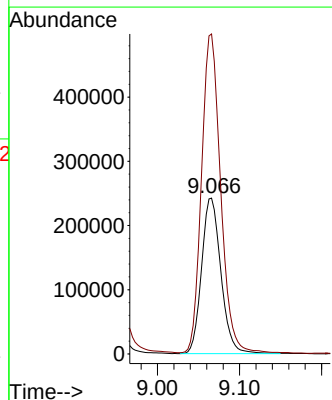
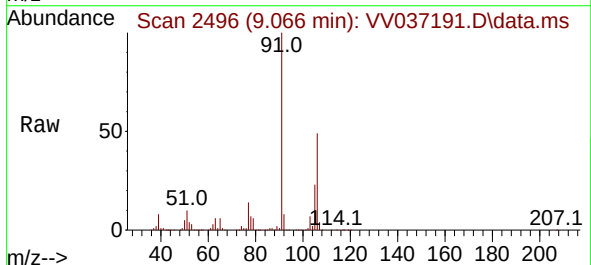
Instrument :
MSVOA_V
ClientSampleId :

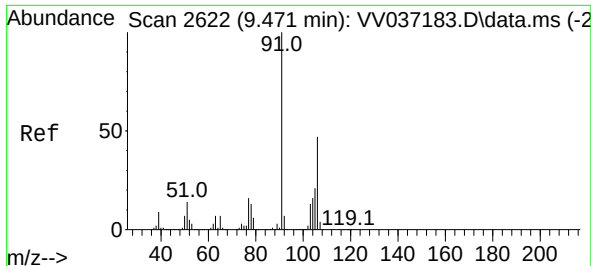
Tgt Ion: 91 Resp: 1051420
Ion Ratio Lower Upper
91 100
106 30.5 21.4 39.8



#53
m,p-Xylene
Concen: 52.488 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion:106 Resp: 395948
Ion Ratio Lower Upper
106 100
91 205.2 143.0 265.6





#54

o-Xylene

Concen: 51.222 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

MSVOA_V

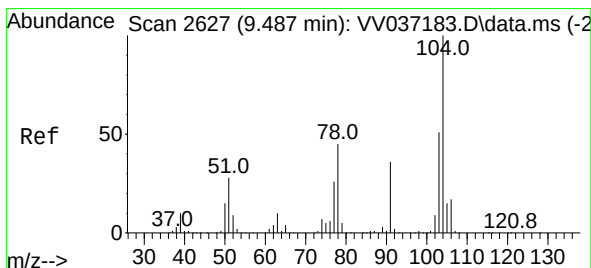
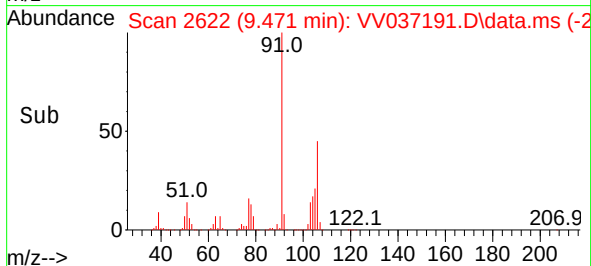
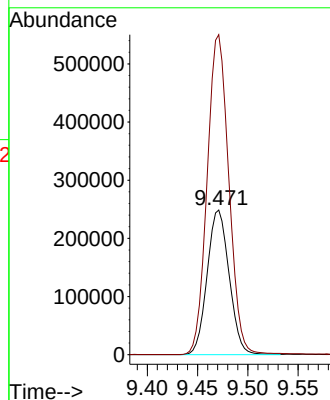
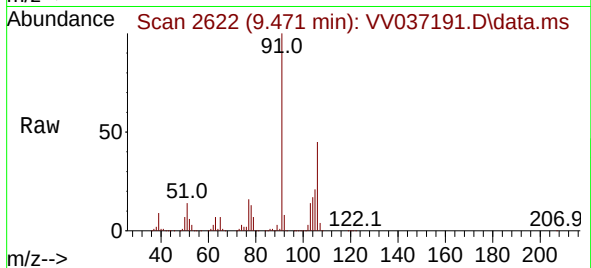
ClientSampleId :

Tgt Ion:106 Resp: 378328

Ion Ratio Lower Upper

106 100

91 221.2 153.2 284.6



#55

Styrene

Concen: 52.387 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. 0.000 min

Lab File: VV037191.D

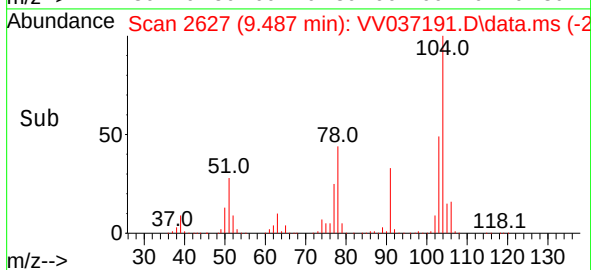
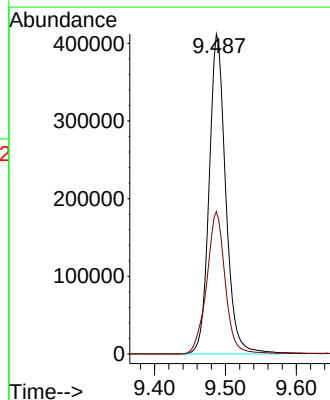
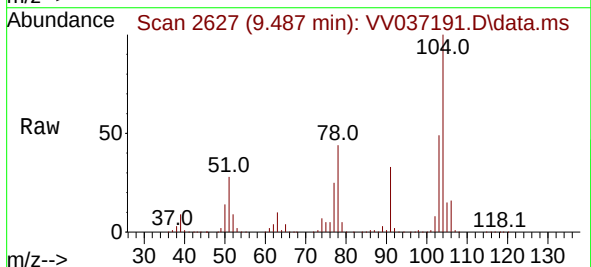
Acq: 30 Aug 2024 14:24

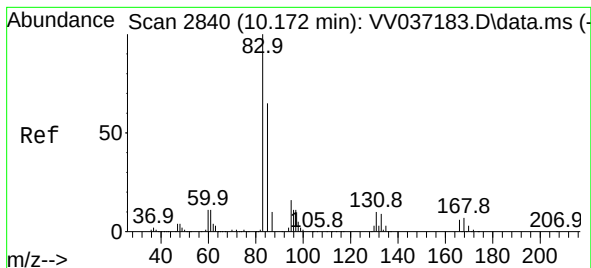
Tgt Ion:104 Resp: 671395

Ion Ratio Lower Upper

104 100

78 44.5 30.9 57.5

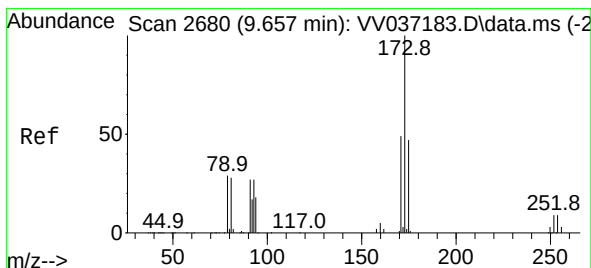
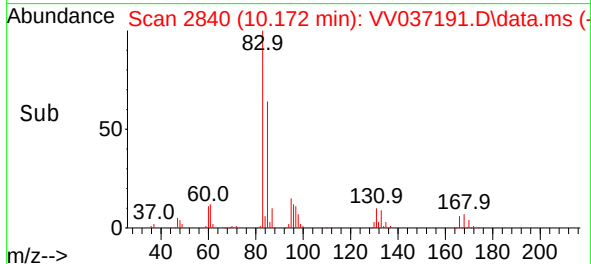
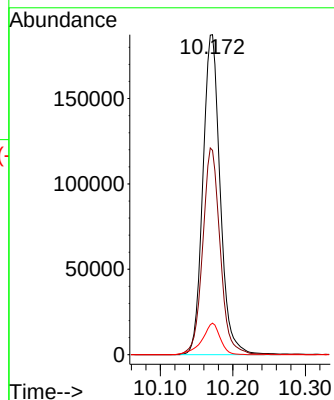
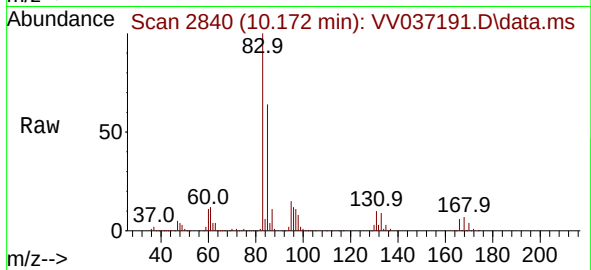




#57
1,1,2,2-Tetrachloroethane
Concen: 48.575 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

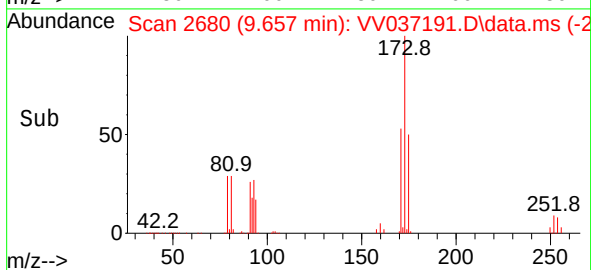
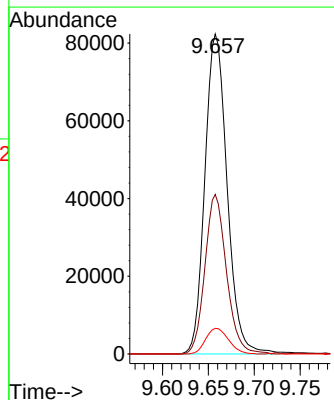
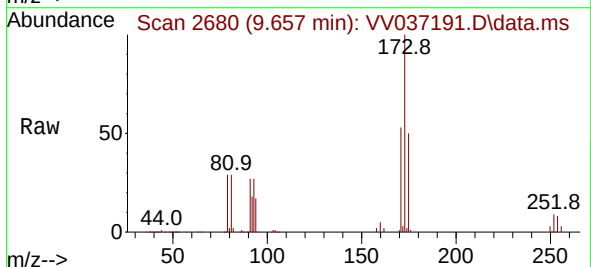
Instrument :
MSVOA_V
ClientSampleId :

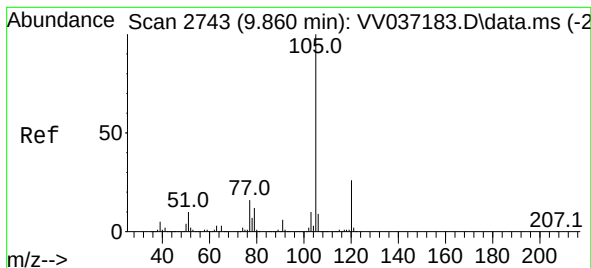
Tgt Ion: 83 Resp: 310821
Ion Ratio Lower Upper
83 100
85 63.8 45.1 83.7
131 9.9 7.4 11.0



#59
Bromoform
Concen: 48.183 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion: 173 Resp: 138880
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 8.2 6.8 10.2





#60

Isopropylbenzene

Concen: 51.846 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

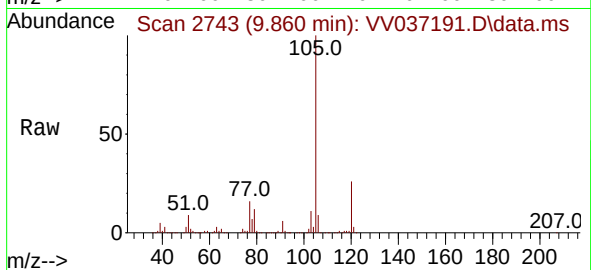
Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

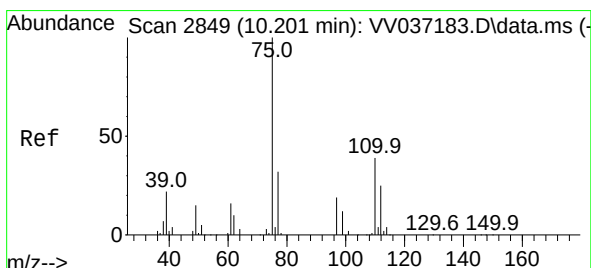
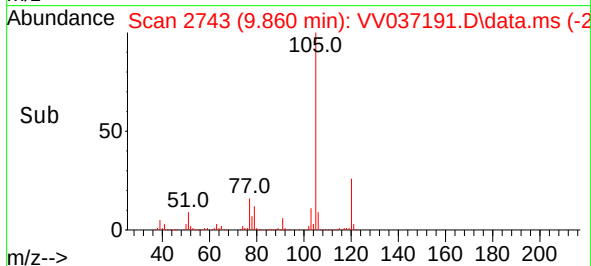
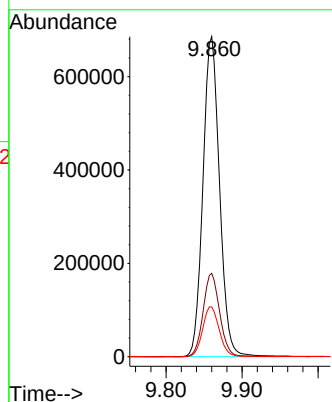
MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 1040397

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.9	31.3
77	15.5	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 47.591 ug/L

RT: 10.201 min Scan# 2849

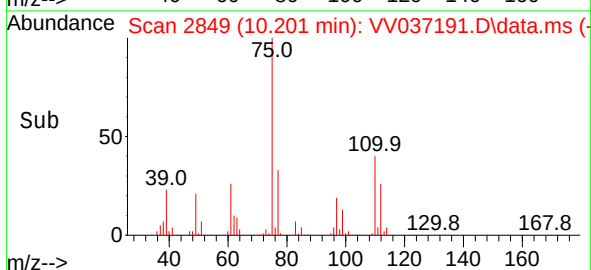
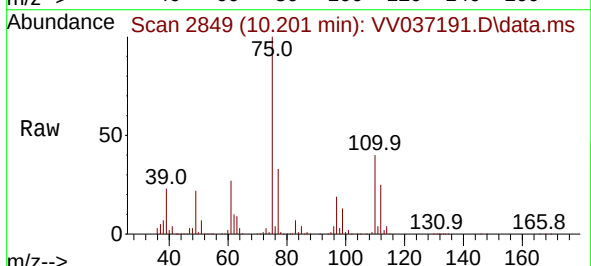
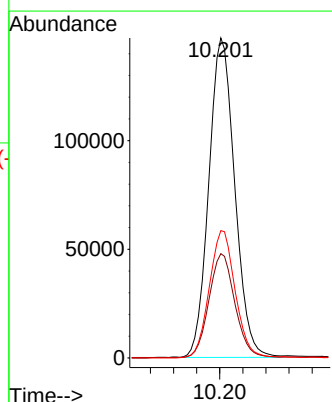
Delta R.T. 0.000 min

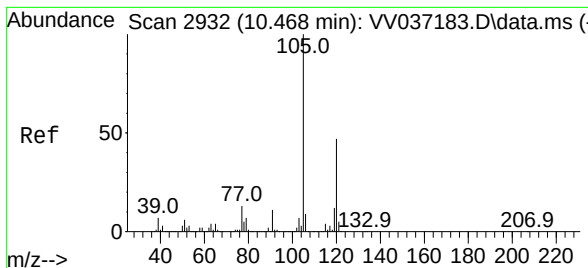
Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Tgt Ion: 75 Resp: 229159

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.2	37.8
110	39.9	31.1	46.7





#62

1,3,5-Trimethylbenzene

Concen: 51.564 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

MSVOA_V

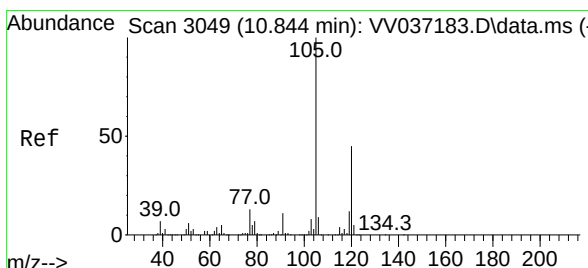
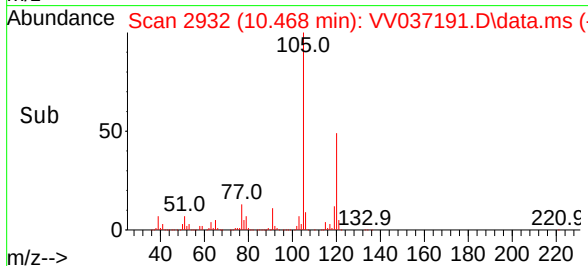
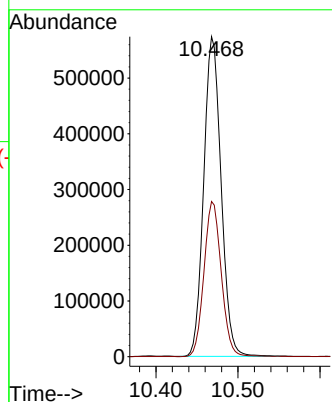
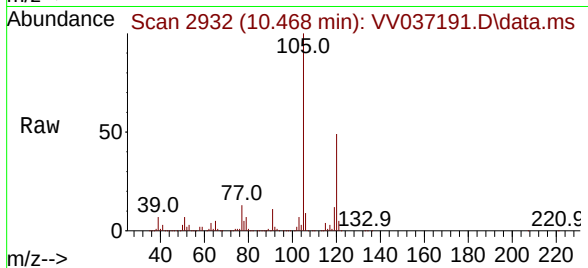
ClientSampleId :

Tgt Ion:105 Resp: 846574

Ion Ratio Lower Upper

105 100

120 48.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 51.616 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037191.D

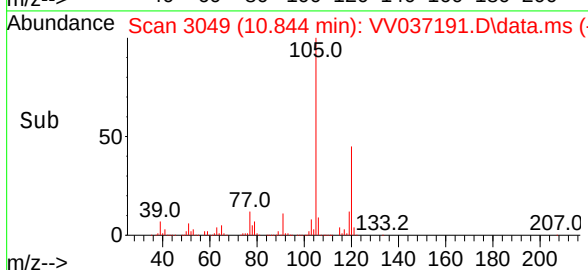
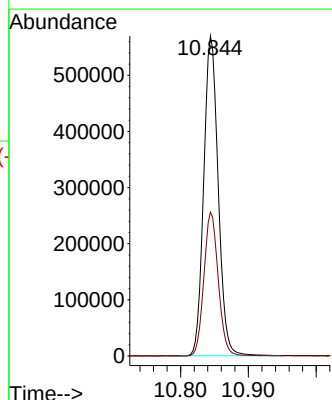
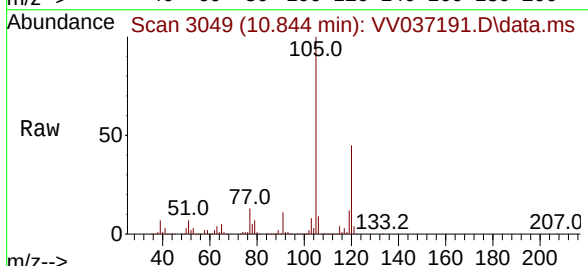
Acq: 30 Aug 2024 14:24

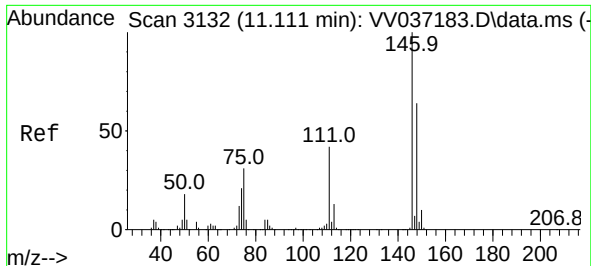
Tgt Ion:105 Resp: 845697

Ion Ratio Lower Upper

105 100

120 44.4 35.8 53.6

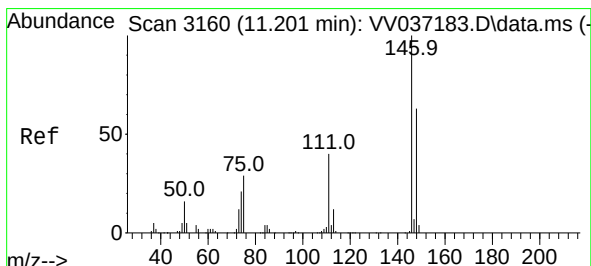
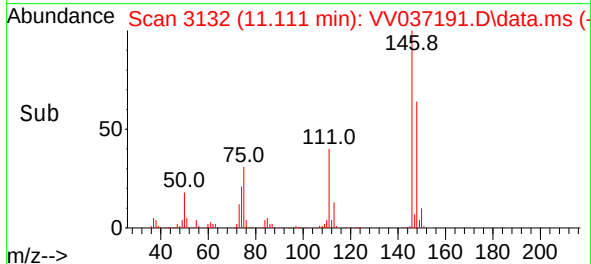
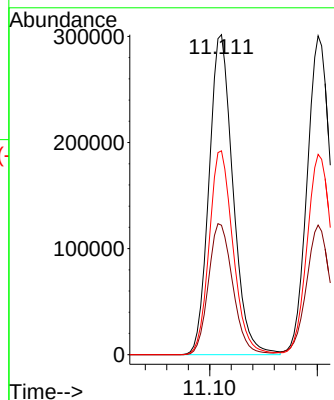
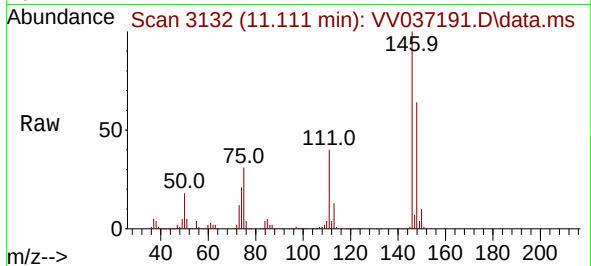




#64
1,3-Dichlorobenzene
Concen: 50.430 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

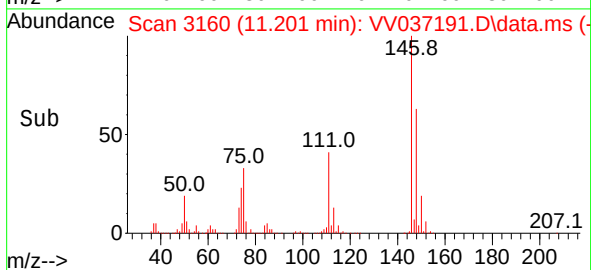
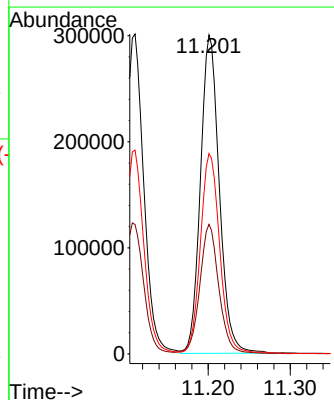
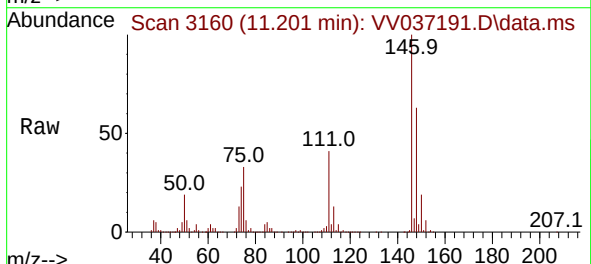
Instrument :
MSVOA_V
ClientSampleId :

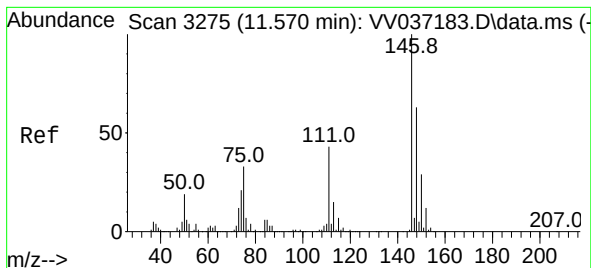
Tgt Ion:146 Resp: 467297
Ion Ratio Lower Upper
146 100
111 40.5 29.7 55.1
148 63.7 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 50.490 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV037191.D
Acq: 30 Aug 2024 14:24

Tgt Ion:146 Resp: 478847
Ion Ratio Lower Upper
146 100
111 40.7 28.1 52.1
148 62.8 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 50.594 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

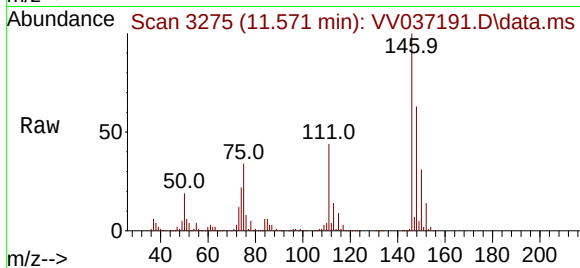
Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :



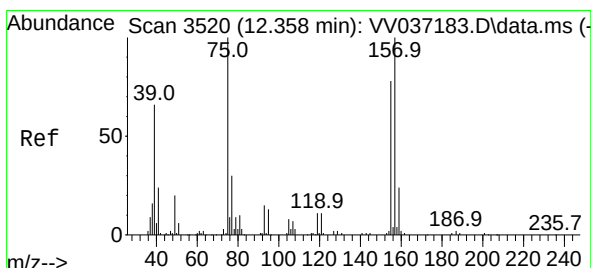
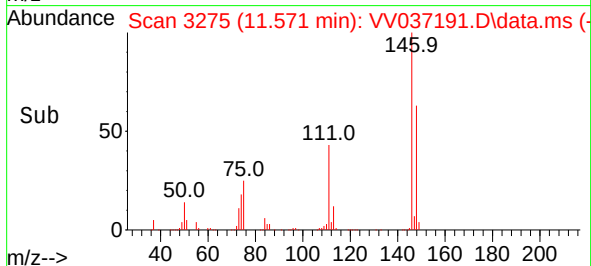
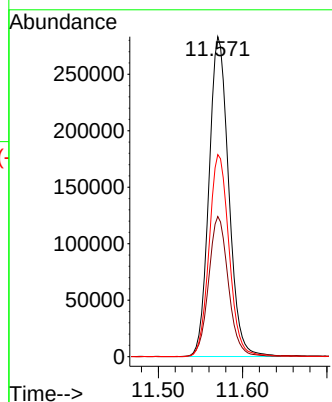
Tgt Ion:146 Resp: 460974

Ion Ratio Lower Upper

146 100

111 43.8 34.6 51.8

148 63.2 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 44.126 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

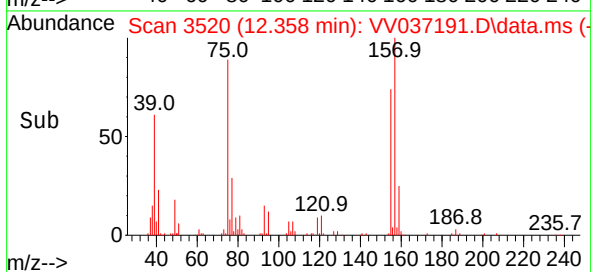
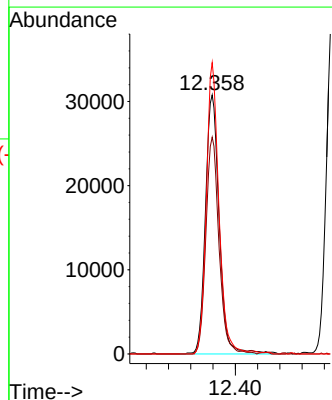
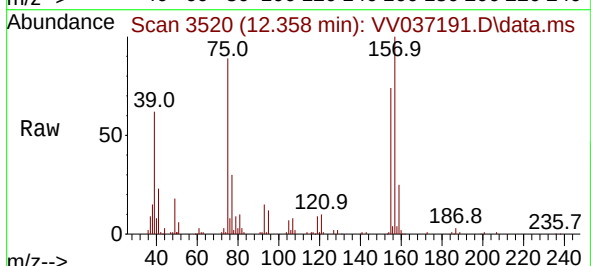
Tgt Ion: 75 Resp: 52988

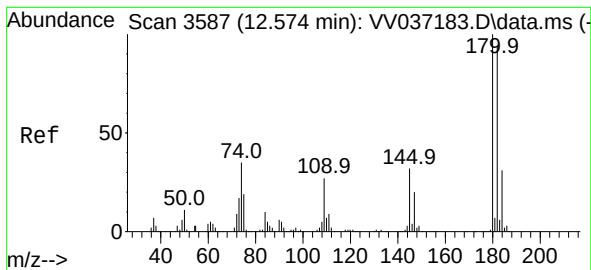
Ion Ratio Lower Upper

75 100

155 83.7 61.8 92.6

157 112.5 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 50.250 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

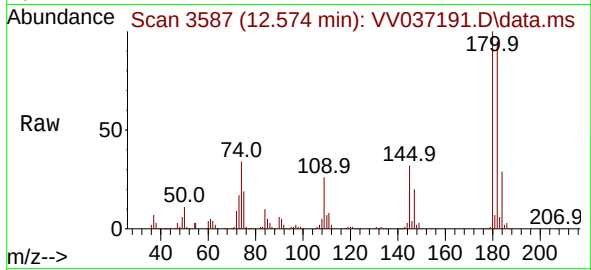
Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 323990

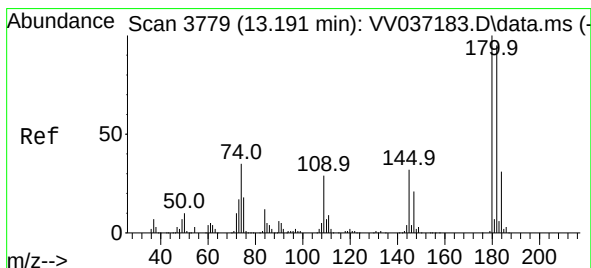
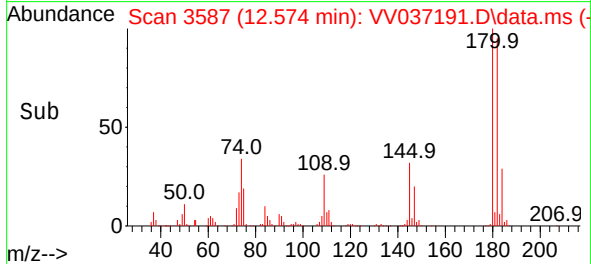
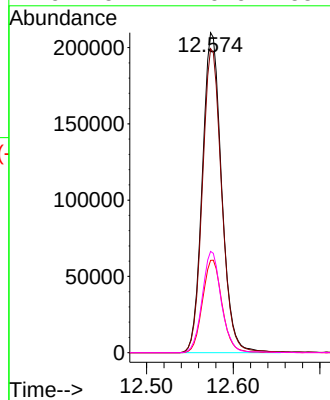
Ion Ratio Lower Upper

180 100

182 95.0 76.7 115.1

184 29.3 24.2 36.2

145 31.4 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 49.449 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

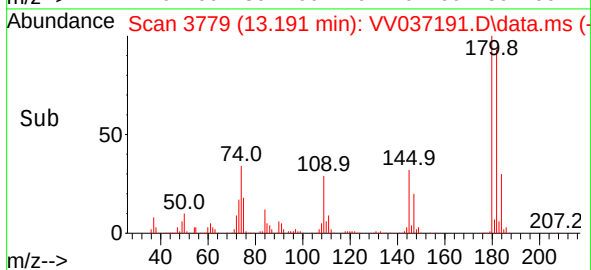
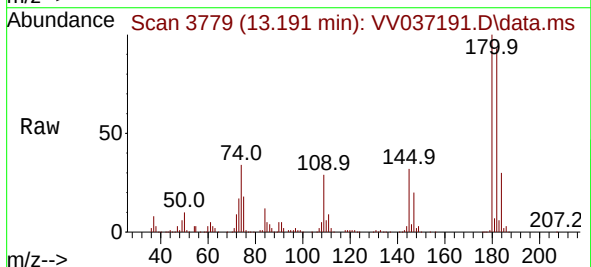
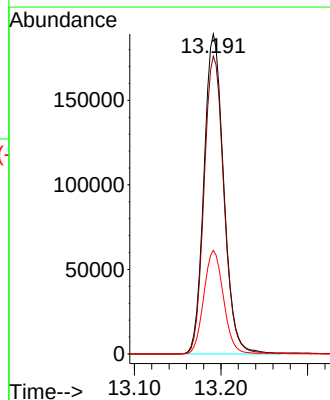
Tgt Ion:180 Resp: 300217

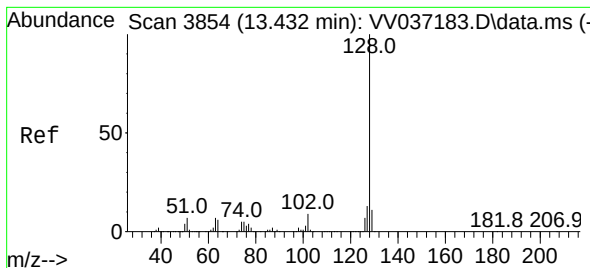
Ion Ratio Lower Upper

180 100

182 94.0 75.7 113.5

145 32.2 26.0 39.0





#71

Naphthalene

Concen: 46.930 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

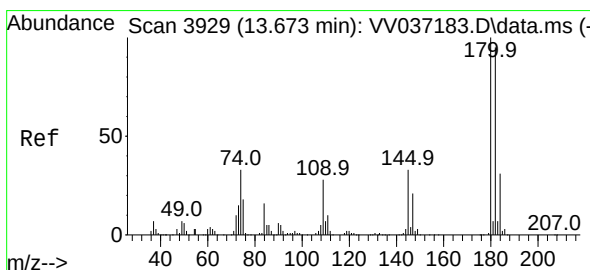
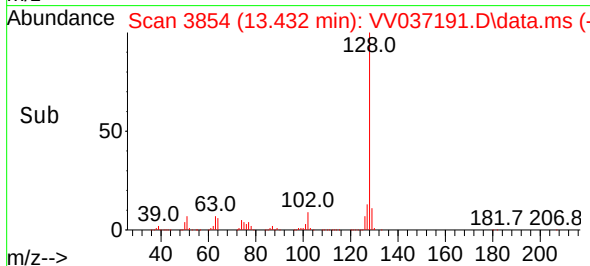
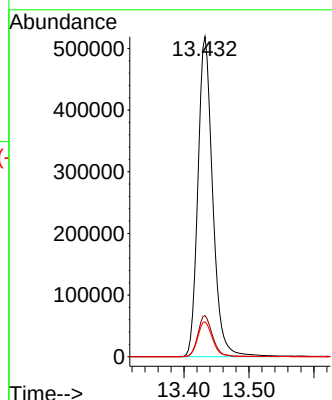
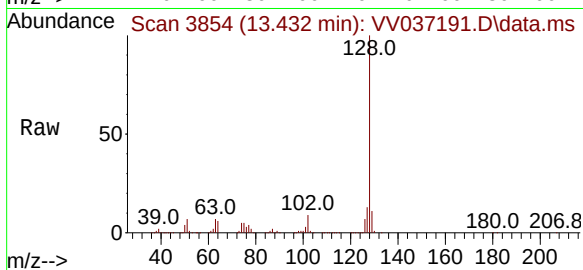
Tgt Ion:128 Resp: 822743

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 48.472 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037191.D

Acq: 30 Aug 2024 14:24

Tgt Ion:180 Resp: 290013

Ion Ratio Lower Upper

180 100

182 96.6 75.1 112.7

145 35.0 27.0 40.4

