

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091624\
 Data File : VV037293.D
 Acq On : 16 Sep 2024 08:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 00:43:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	695558	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	675087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	353493	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	260836	40.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.980%
7) Chloroethane-d5	1.532	69	213872	43.492	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.980%
11) 1,1-Dichloroethene-d2	2.056	65	113935	42.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.200%
21) 2-Butanone-d5	3.786	46	200011	81.175	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.180%
24) Chloroform-d	4.240	84	488961	49.102	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	4.931	65	278945	44.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.960%
32) Benzene-d6	4.950	84	936437	45.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.860%
36) 1,2-Dichloropropane-d6	5.982	67	299602	46.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.820%
41) Toluene-d8	7.233	98	842806	45.799	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.545	79	134943	45.671	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.340%
47) 2-Hexanone-d5	8.021	63	126171	72.388	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.390%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	335584	43.326	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.660%
66) 1,2-Dichlorobenzene-d4	11.551	152	320883	45.324	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	291412	49.579	ug/L	100
3) Chloromethane	1.217	50	302256	45.725	ug/L	99
5) Vinyl chloride	1.282	62	313010	50.441	ug/L	99
6) Bromomethane	1.487	94	181660	52.244	ug/L	100
8) Chloroethane	1.548	64	199270	52.499	ug/L	99
9) Trichlorofluoromethane	1.712	101	425604	52.556	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	260439	54.071	ug/L	99
12) 1,1-Dichloroethene	2.069	96	237068	52.242	ug/L	91
13) Acetone	2.108	43	233897	88.512	ug/L	100
14) Carbon disulfide	2.236	76	667980	48.488	ug/L	100
15) Methyl Acetate	2.368	43	200240	45.199	ug/L	100
16) Methylene chloride	2.442	84	265573	51.870	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	244017	51.799	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	732804	49.450	ug/L	100
19) 1,1-Dichloroethane	3.101	63	495377	52.951	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	276264	53.071	ug/L	97
22) 2-Butanone	3.870	43	251288	86.369	ug/L	98
23) Bromochloromethane	4.133	128	140052	54.808	ug/L	97
25) Chloroform	4.265	83	494635	52.206	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091624\
 Data File : VV037293.D
 Acq On : 16 Sep 2024 08:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

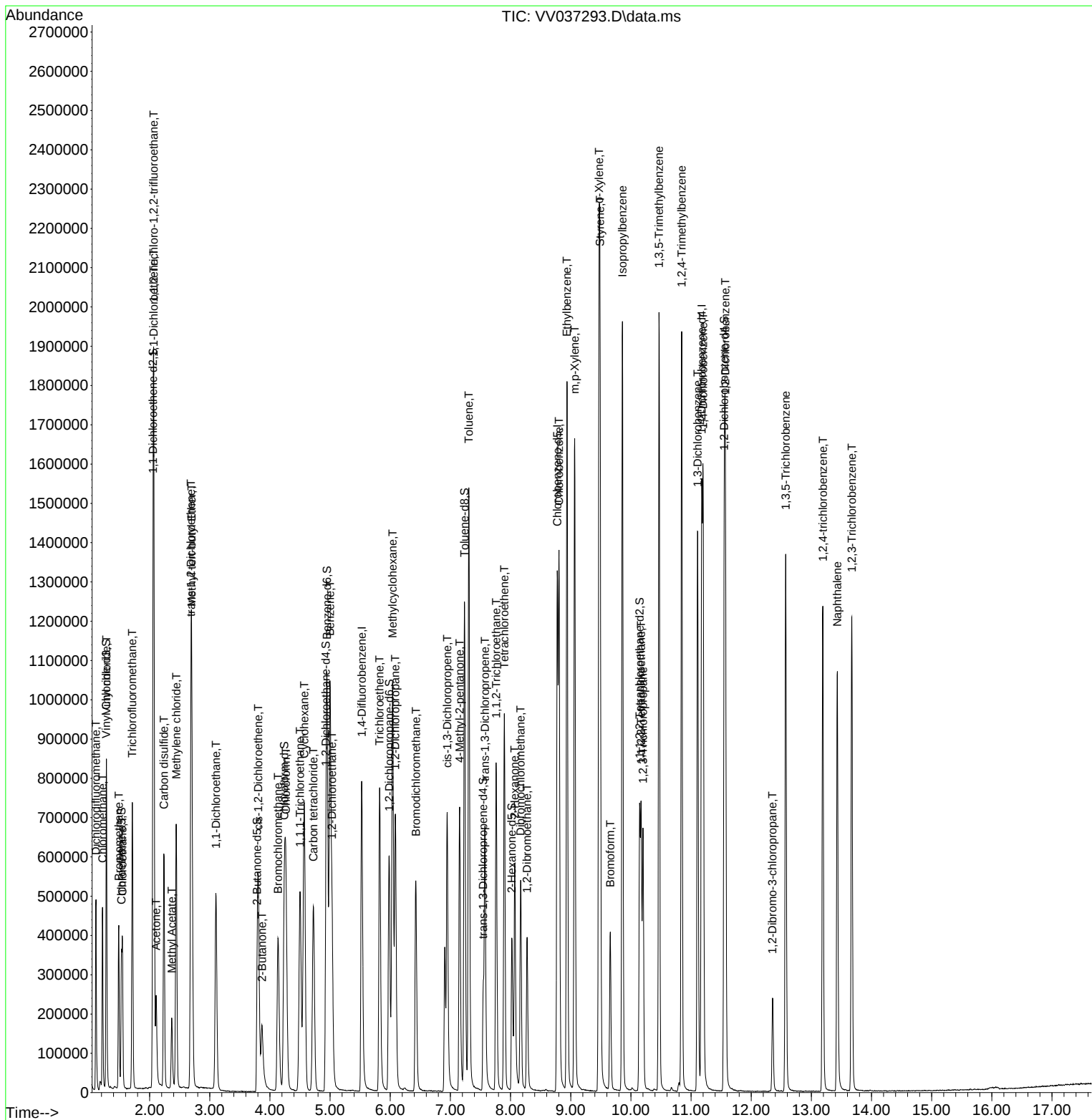
Instrument :
 MSVOA_V
 ClientSampleId :

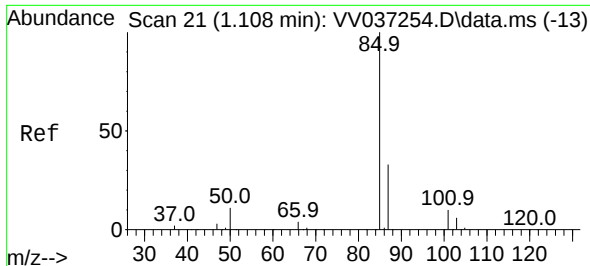
Quant Time: Sep 17 05:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 00:43:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	361721	52.045	ug/L	99
29) Cyclohexane	4.571	56	404884	51.009	ug/L	98
30) 1,1,1-Trichloroethane	4.500	97	424284	54.621	ug/L	99
31) Carbon tetrachloride	4.722	117	362412	55.292	ug/L	99
33) Benzene	4.998	78	1057685	54.289	ug/L	100
34) Trichloroethene	5.822	95	281938	54.828	ug/L	99
35) Methylcyclohexane	6.040	83	440312	52.701	ug/L	99
37) 1,2-Dichloropropane	6.085	63	283384	54.256	ug/L	100
38) Bromodichloromethane	6.426	83	370597	55.359	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	447936	54.345	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	473639	89.197	ug/L	99
42) Toluene	7.307	91	1110621	54.751	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	394040	53.484	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	256249	52.703	ug/L	97
46) Tetrachloroethene	7.895	164	204200	55.345	ug/L	98
48) 2-Hexanone	8.069	43	347388	84.591	ug/L	100
49) Dibromochloromethane	8.169	129	268564	55.163	ug/L	99
50) 1,2-Dibromoethane	8.275	107	258204	52.480	ug/L	99
51) Chlorobenzene	8.805	112	728283	54.231	ug/L	98
52) Ethylbenzene	8.937	91	1246438	54.400	ug/L	100
53) m,p-Xylene	9.066	106	470776	55.455	ug/L	98
54) o-Xylene	9.471	106	452742	54.468	ug/L	100
55) Styrene	9.487	104	808095	56.029	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	349477	48.532	ug/L	99
59) Bromoform	9.657	173	173195	52.616	ug/L	99
60) Isopropylbenzene	9.860	105	1236925	53.975	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	262238	47.688	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	1012827	54.019	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	1009764	53.966	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	567129	53.594	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	578133	53.379	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	556733	53.507	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	62538	45.603	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	395654	53.735	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	350140	50.500	ug/L	100
71) Naphthalene	13.432	128	848636	42.388	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	345864	50.619	ug/L	99

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

Quant Time: Sep 17 05:00:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 13 00:43:12 2024
Response via : Initial Calibration

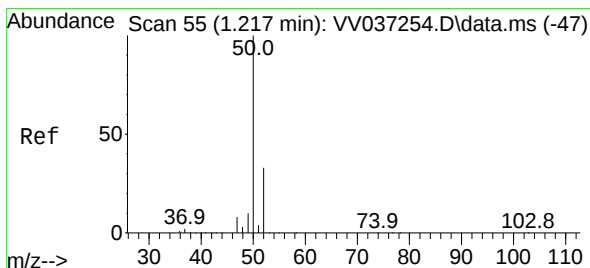
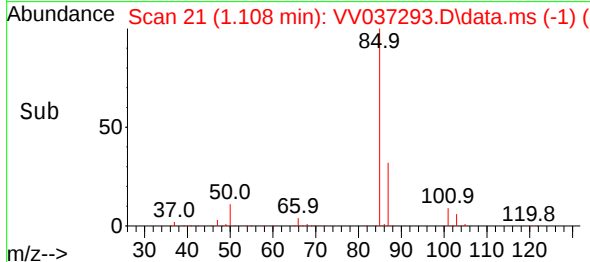
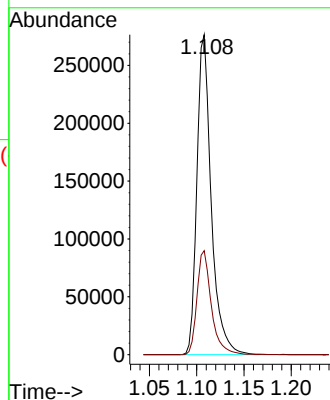
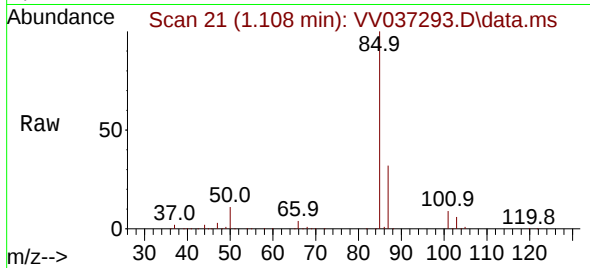




#2
 Dichlorodifluoromethane
 Concen: 49.579 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037293.D
 Acq: 16 Sep 2024 08:42

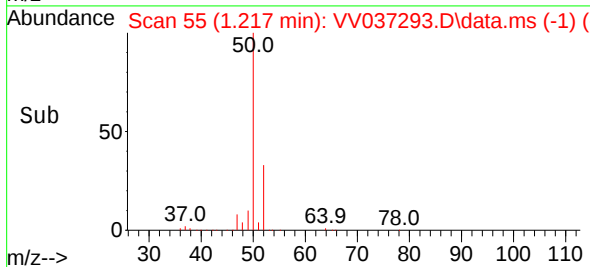
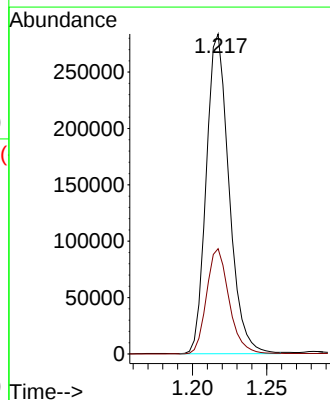
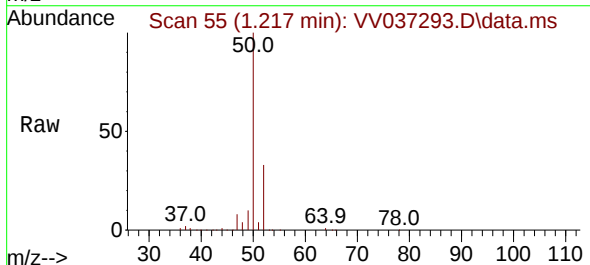
Instrument :
 MSVOA_V
 ClientSampleId :

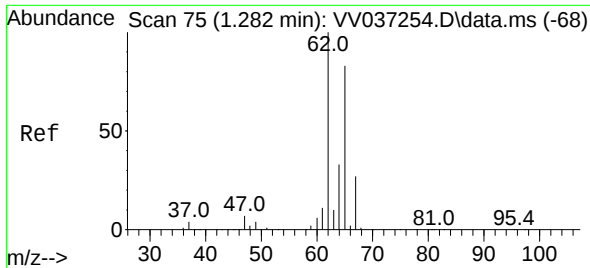
Tgt Ion: 85 Resp: 291412
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 45.725 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037293.D
 Acq: 16 Sep 2024 08:42

Tgt Ion: 50 Resp: 302256
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.5 41.9

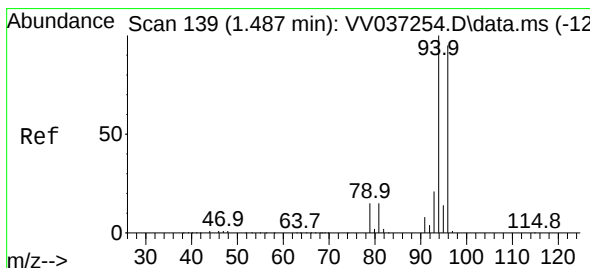
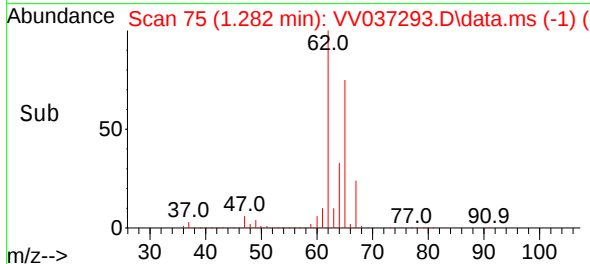
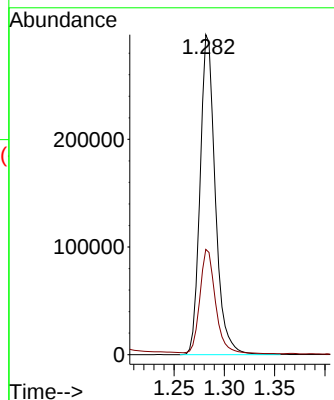
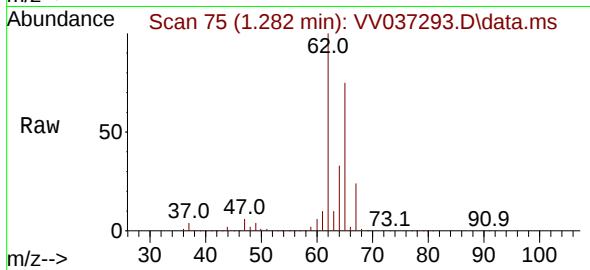




#5
 Vinyl chloride
 Concen: 50.441 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037293.D
 Acq: 16 Sep 2024 08:42

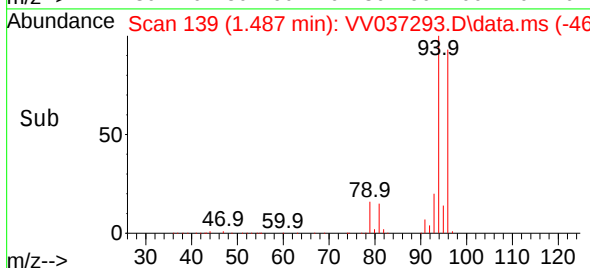
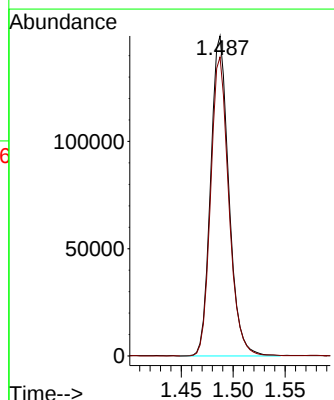
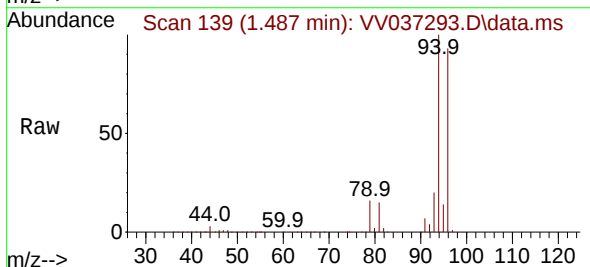
Instrument :
 MSVOA_V
 ClientSampleId :

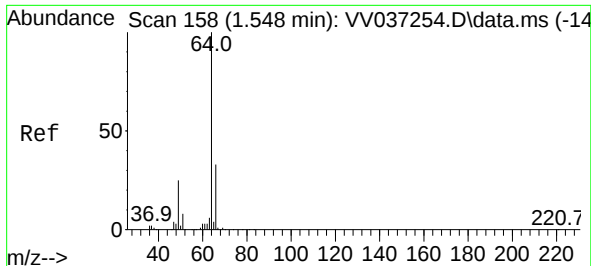
Tgt Ion: 62 Resp: 313010
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.8 42.4



#6
 Bromomethane
 Concen: 52.244 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037293.D
 Acq: 16 Sep 2024 08:42

Tgt Ion: 94 Resp: 181660
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.6 121.8

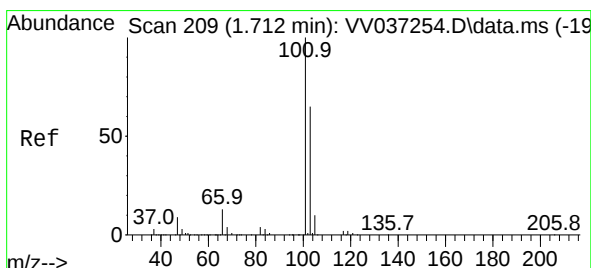
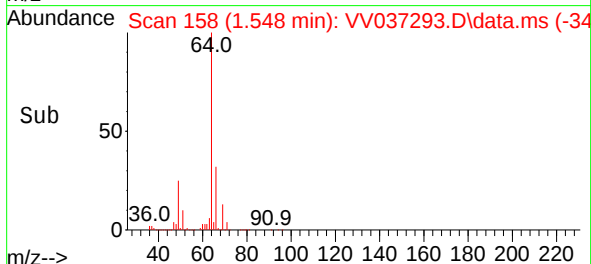
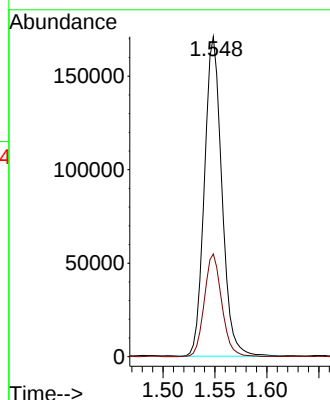
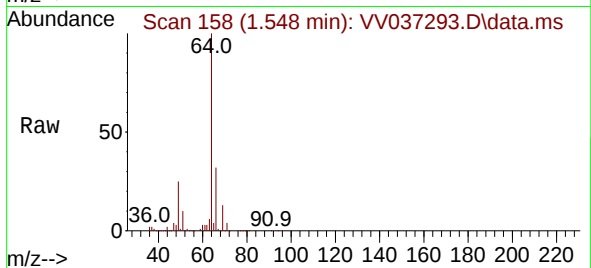




#8
Chloroethane
Concen: 52.499 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

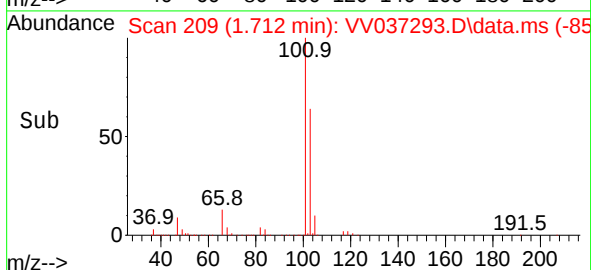
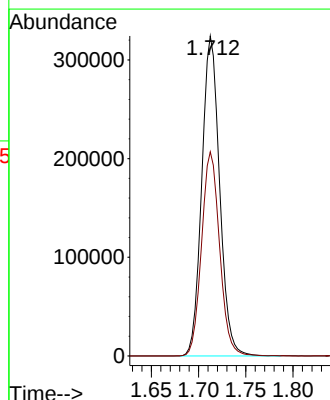
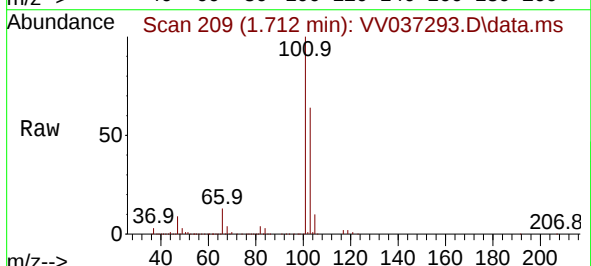
Instrument :
MSVOA_V
ClientSampleId :

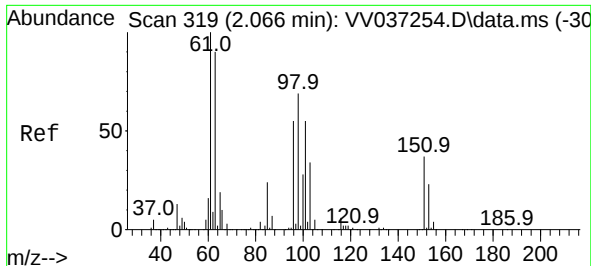
Tgt Ion: 64 Resp: 199270
Ion Ratio Lower Upper
64 100
66 32.1 22.8 42.4



#9
Trichlorofluoromethane
Concen: 52.556 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Tgt Ion:101 Resp: 425604
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

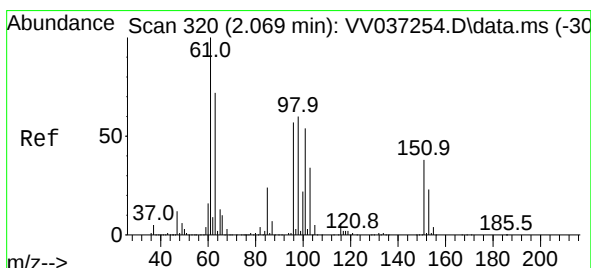
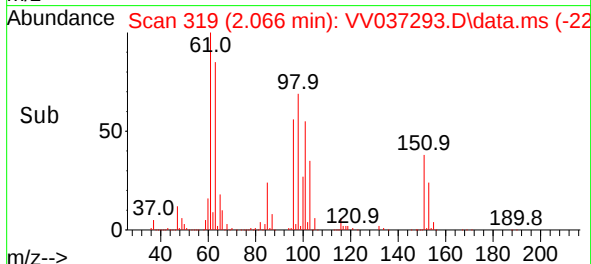
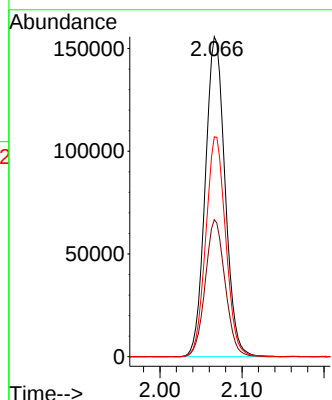
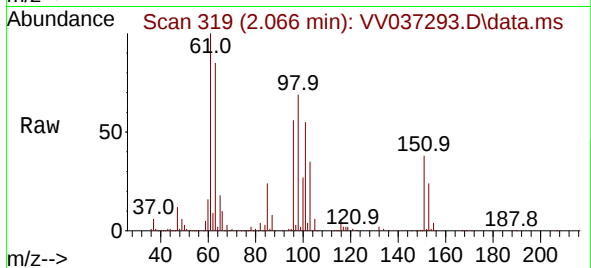




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.071 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV037293.D
 Acq: 16 Sep 2024 08:42

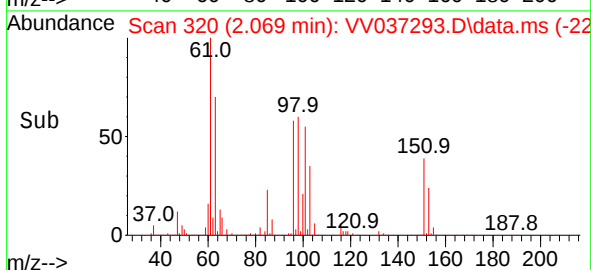
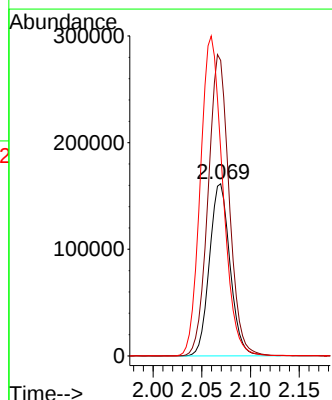
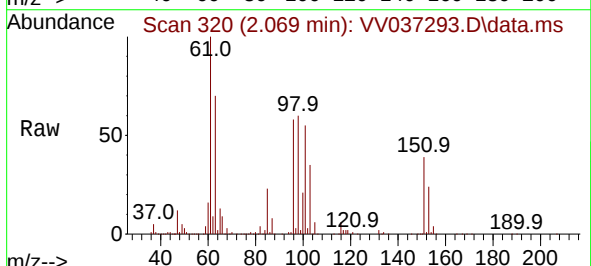
Instrument :
 MSVOA_V
 ClientSampleId :

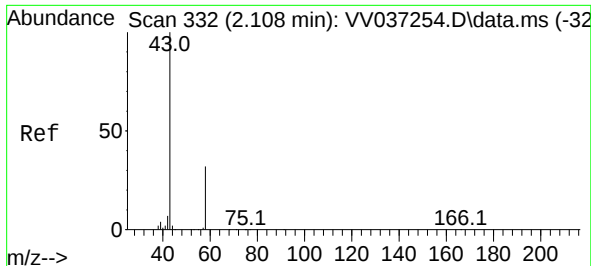
Tgt Ion:101 Resp: 260439
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.6 53.4
 151 69.2 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 52.242 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV037293.D
 Acq: 16 Sep 2024 08:42

Tgt Ion: 96 Resp: 237068
 Ion Ratio Lower Upper
 96 100
 61 171.6 123.8 229.8
 63 119.7 96.5 179.1





#13

Acetone

Concen: 88.512 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Instrument :

MSVOA_V

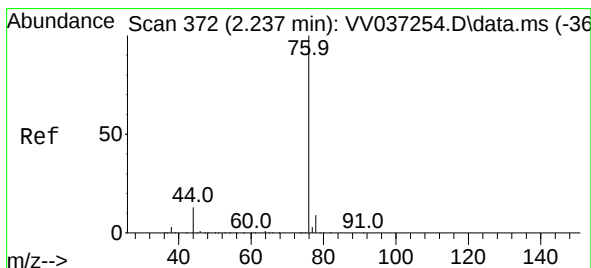
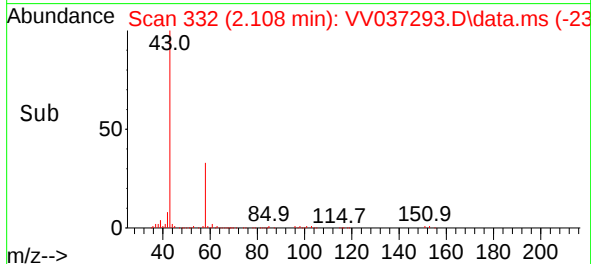
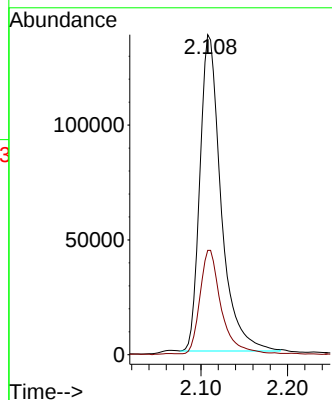
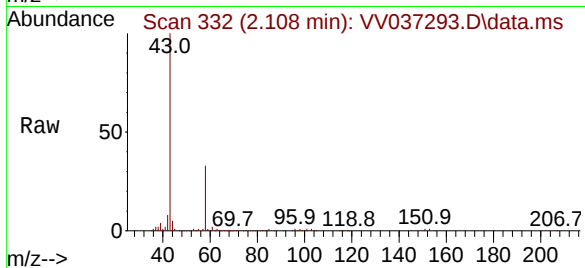
ClientSampleId :

Tgt Ion: 43 Resp: 233897

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.8



#14

Carbon disulfide

Concen: 48.488 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV037293.D

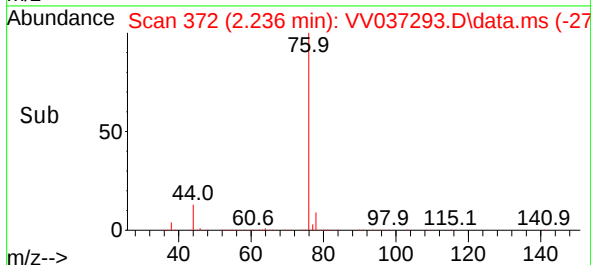
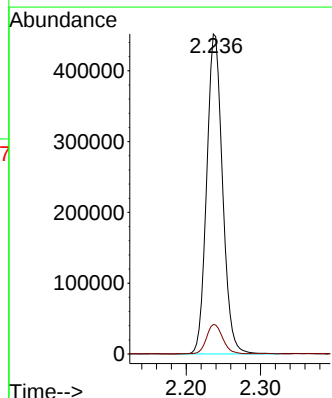
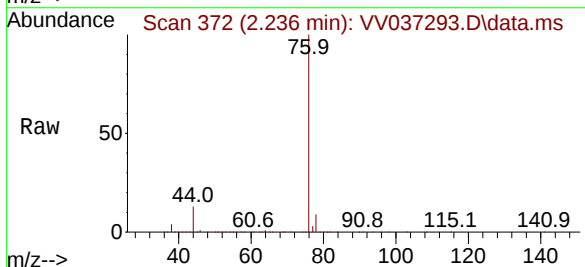
Acq: 16 Sep 2024 08:42

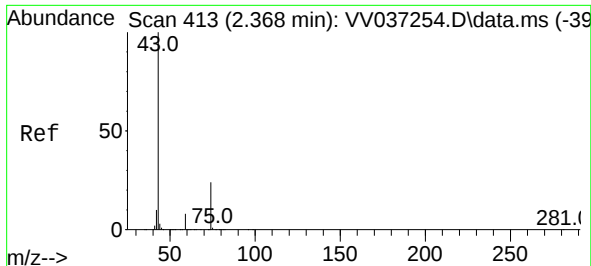
Tgt Ion: 76 Resp: 667980

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 45.199 ug/L

RT: 2.368 min Scan# 413

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Instrument :

MSVOA_V

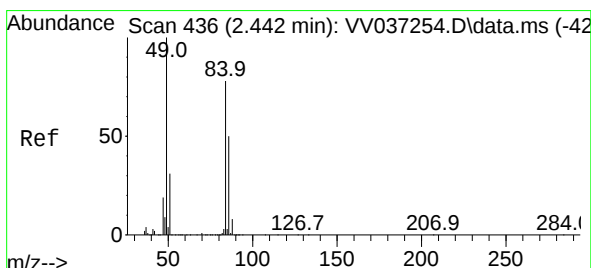
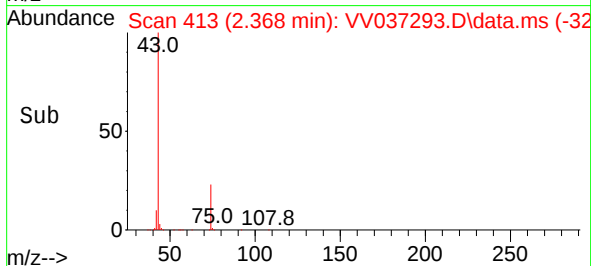
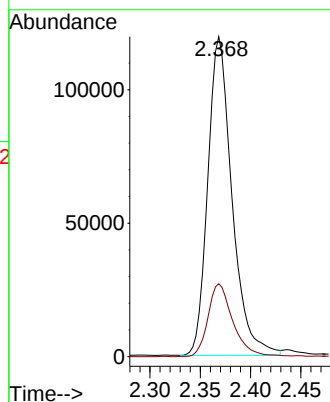
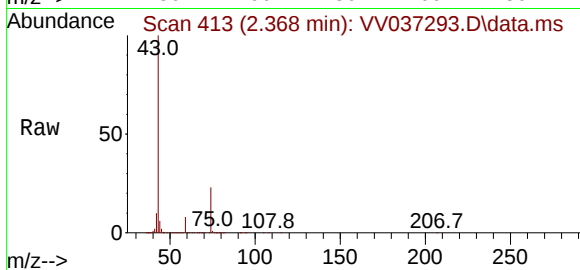
ClientSampleId :

Tgt Ion: 43 Resp: 200240

Ion Ratio Lower Upper

43 100

74 23.0 18.4 27.6



#16

Methylene chloride

Concen: 51.870 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

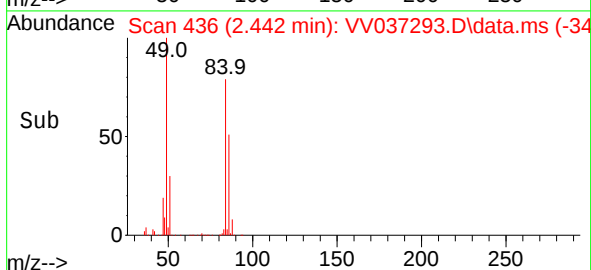
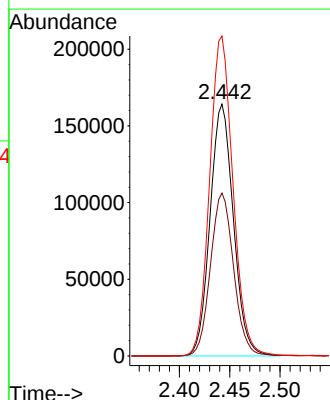
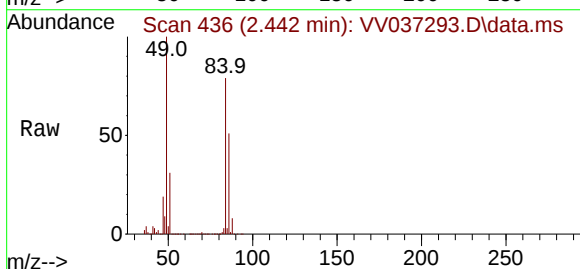
Tgt Ion: 84 Resp: 265573

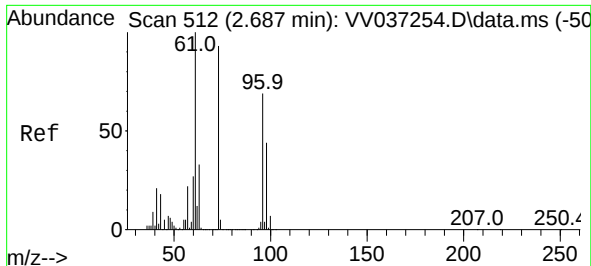
Ion Ratio Lower Upper

84 100

86 64.7 44.7 82.9

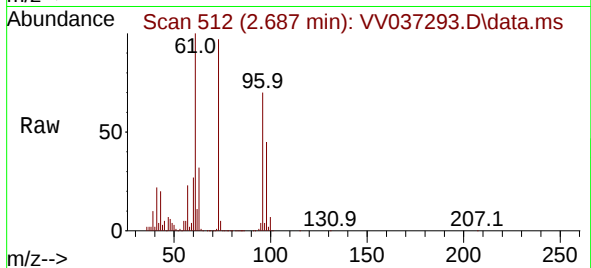
49 127.0 91.4 169.8



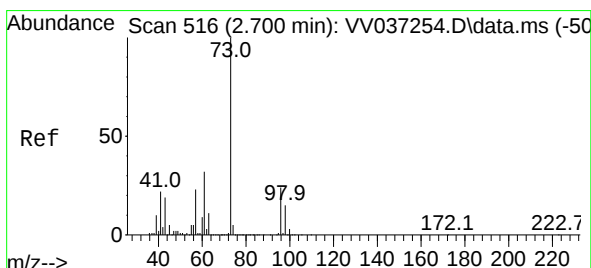
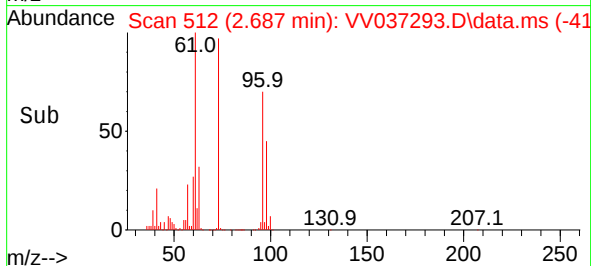
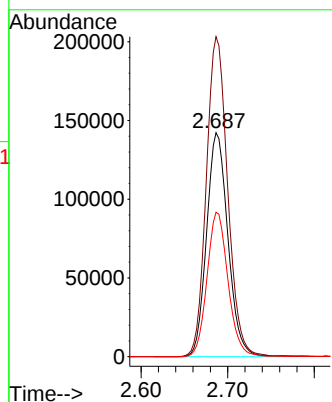


#17
trans-1,2-Dichloroethene
Concen: 51.799 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Instrument :
MSVOA_V
ClientSampleId :

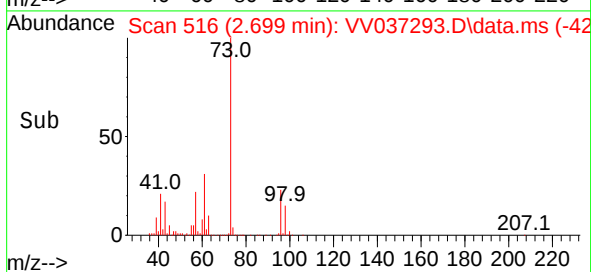
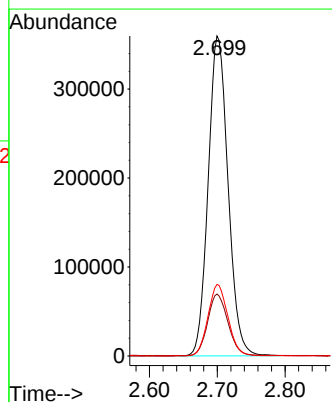
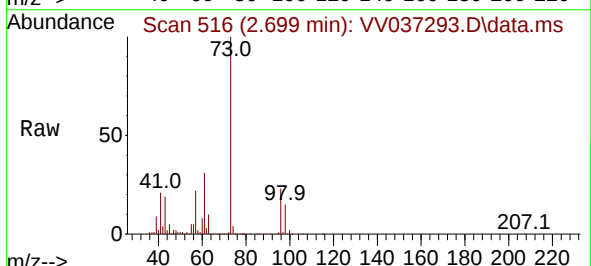


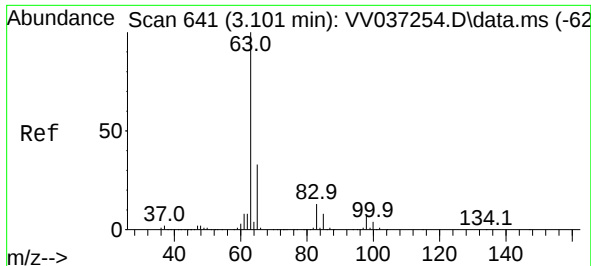
Tgt Ion: 96 Resp: 244017
Ion Ratio Lower Upper
96 100
61 142.9 102.3 189.9
98 64.5 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 49.450 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Tgt Ion: 73 Resp: 732804
Ion Ratio Lower Upper
73 100
43 19.5 15.8 23.6
57 22.3 18.1 27.1

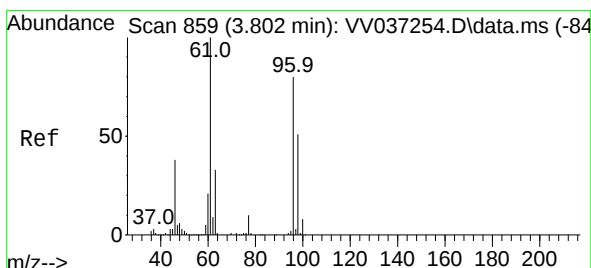
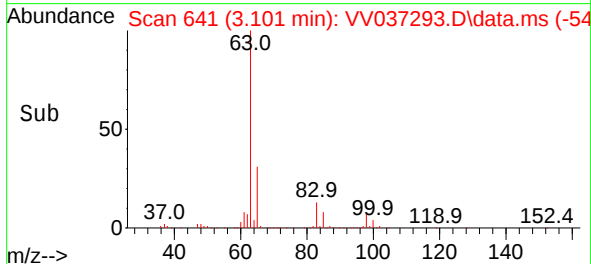
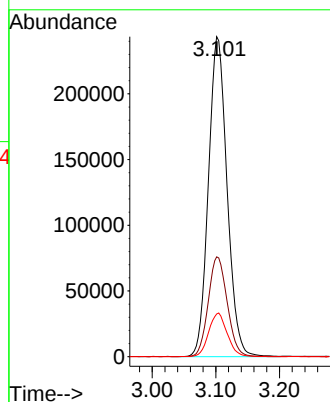
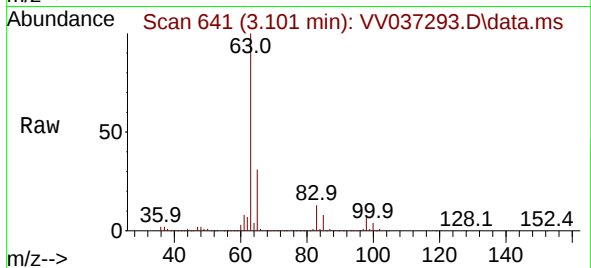




#19
1,1-Dichloroethane
Concen: 52.951 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

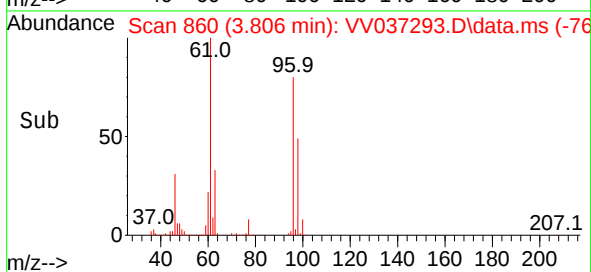
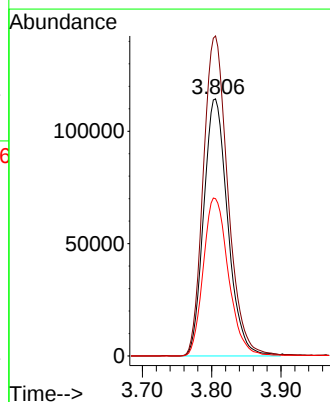
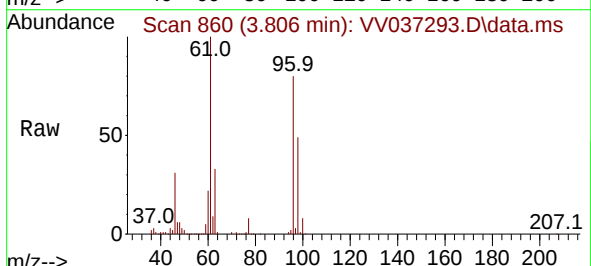
Instrument :
MSVOA_V
ClientSampleId :

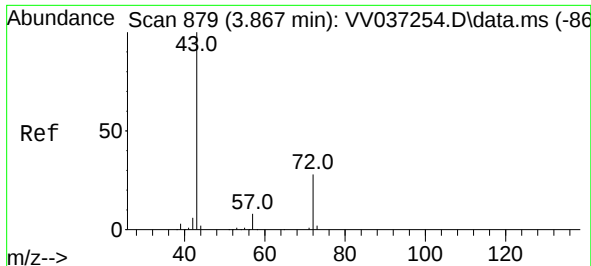
Tgt Ion: 63 Resp: 495377
Ion Ratio Lower Upper
63 100
65 31.2 22.0 41.0
83 13.4 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 53.071 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.003 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Tgt Ion: 96 Resp: 276264
Ion Ratio Lower Upper
96 100
61 124.4 89.9 166.9
98 61.2 44.8 83.2

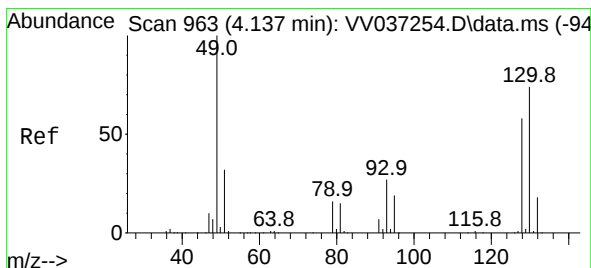
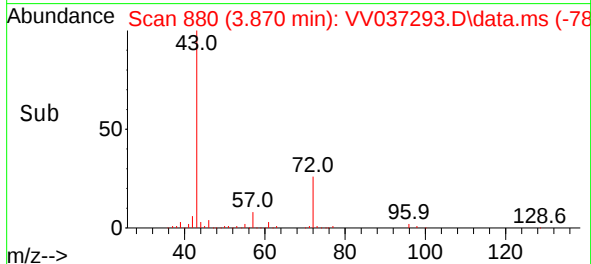
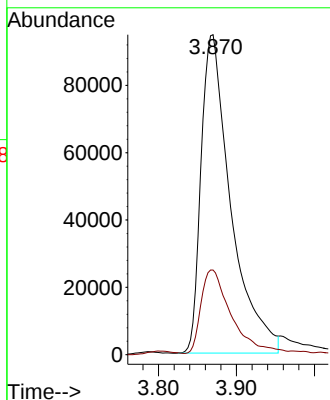
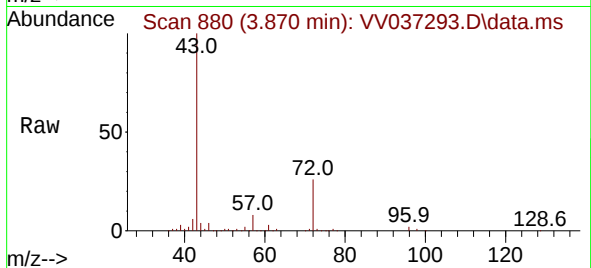




#22
2-Butanone
Concen: 86.369 ug/L
RT: 3.870 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

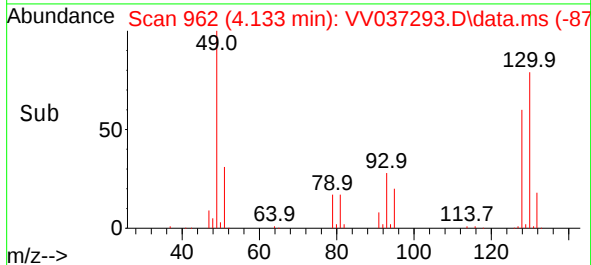
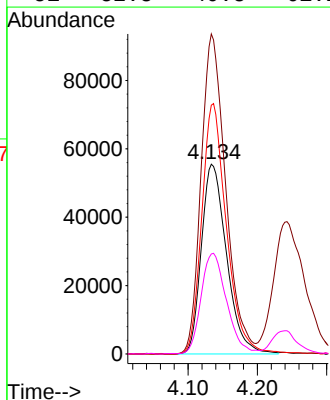
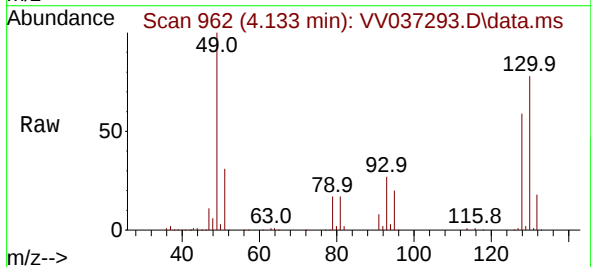
Instrument :
MSVOA_V
ClientSampleId :

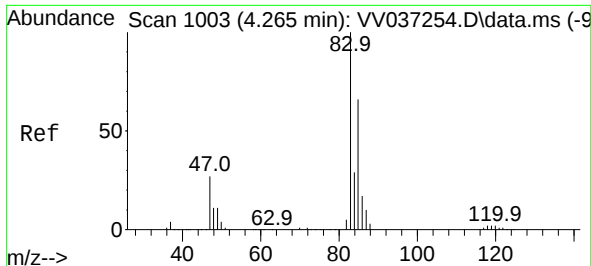
Tgt Ion: 43 Resp: 251288
Ion Ratio Lower Upper
43 100
72 26.6 12.7 38.0



#23
Bromochloromethane
Concen: 54.808 ug/L
RT: 4.133 min Scan# 962
Delta R.T. -0.003 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Tgt Ion:128 Resp: 140052
Ion Ratio Lower Upper
128 100
49 168.7 117.2 217.6
130 131.2 87.6 162.8
51 52.8 40.8 61.2





#25

Chloroform

Concen: 52.206 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Instrument :

MSVOA_V

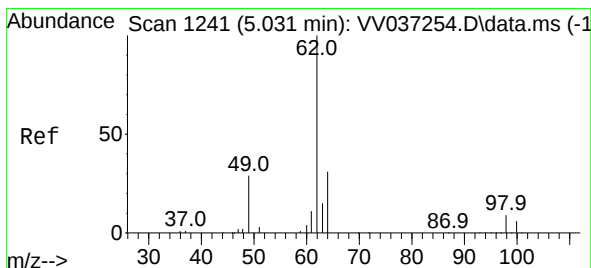
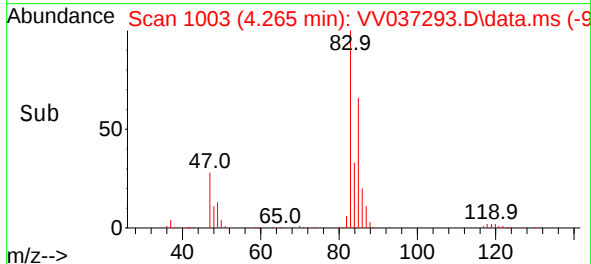
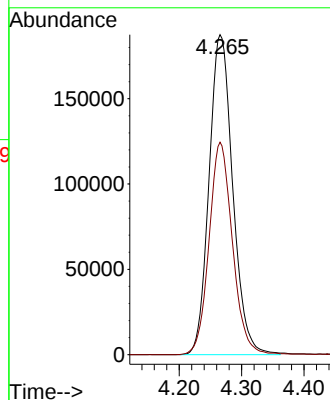
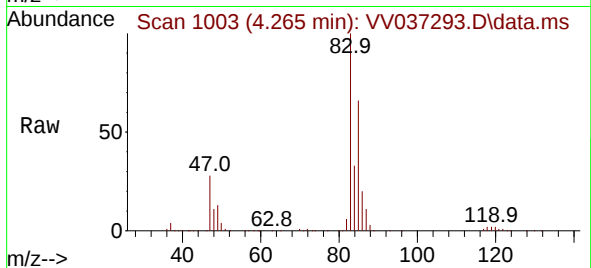
ClientSampleId :

Tgt Ion: 83 Resp: 494635

Ion Ratio Lower Upper

83 100

85 66.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 52.045 ug/L

RT: 5.031 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VV037293.D

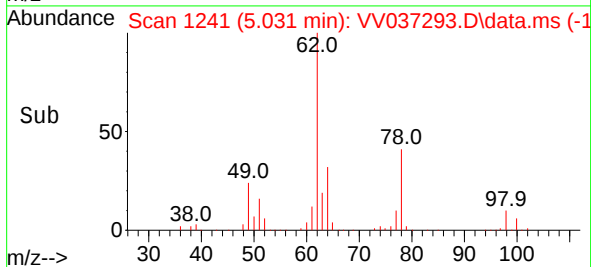
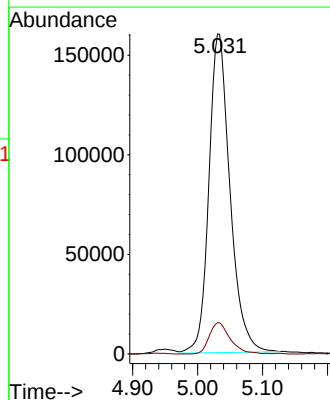
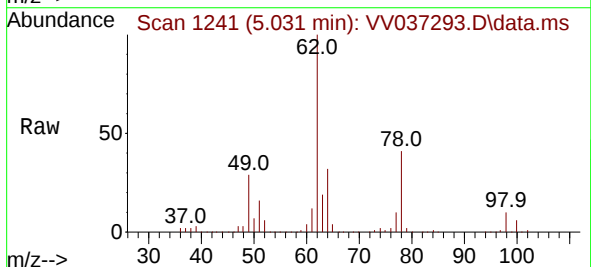
Acq: 16 Sep 2024 08:42

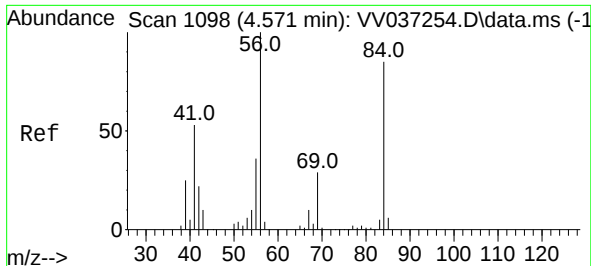
Tgt Ion: 62 Resp: 361721

Ion Ratio Lower Upper

62 100

98 9.8 8.0 12.0





#29

Cyclohexane

Concen: 51.009 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Instrument :

MSVOA_V

ClientSampleId :

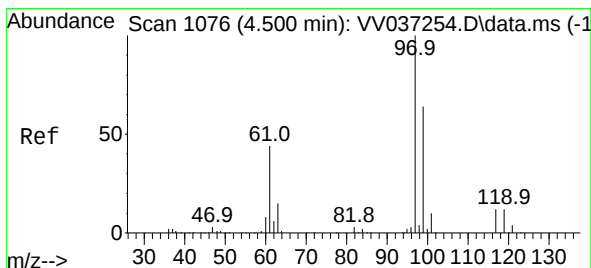
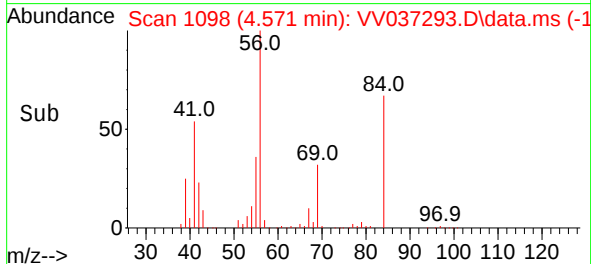
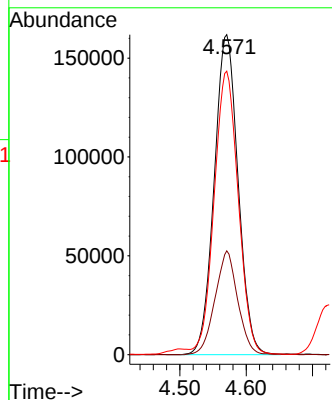
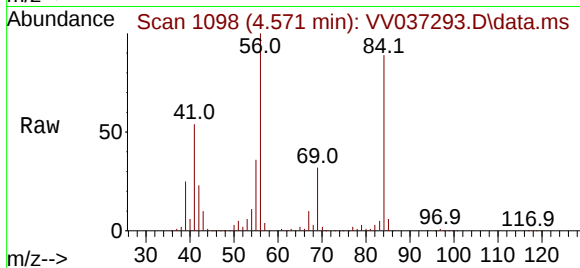
Tgt Ion: 56 Resp: 404884

Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.4

84 88.9 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 54.621 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

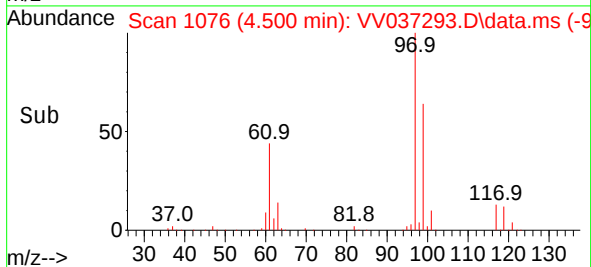
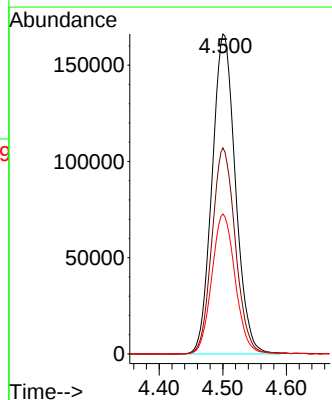
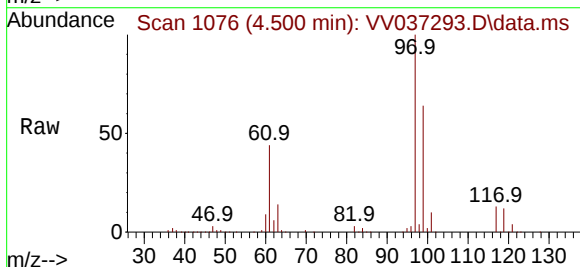
Tgt Ion: 97 Resp: 424284

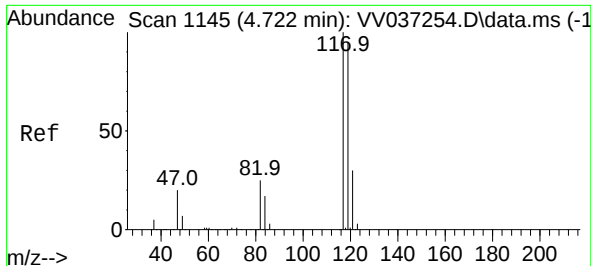
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

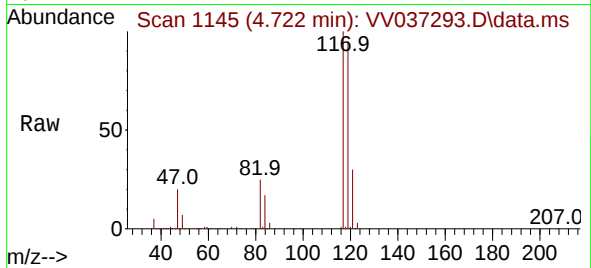
61 43.9 35.8 53.6



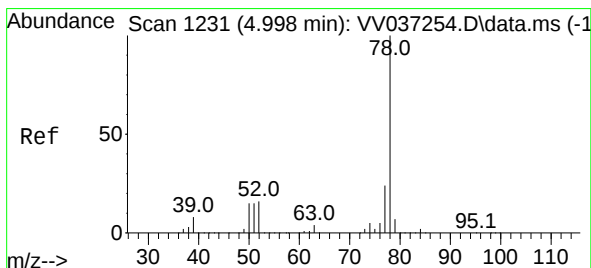
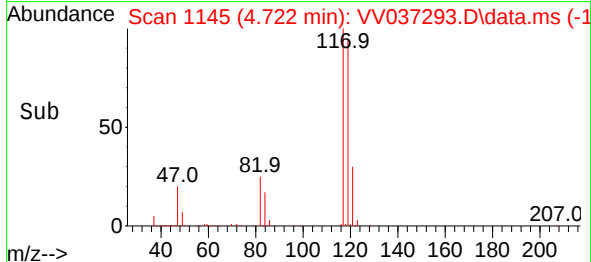
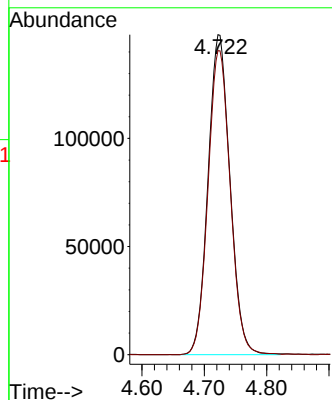


#31
Carbon tetrachloride
Concen: 55.292 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Instrument :
MSVOA_V
ClientSampleId :

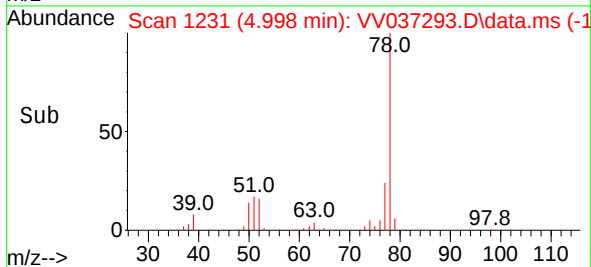
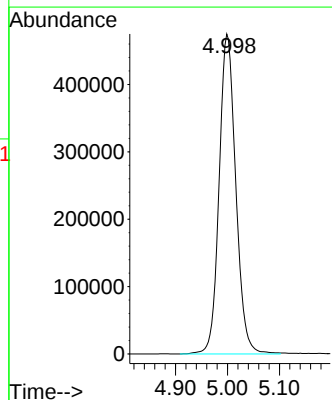
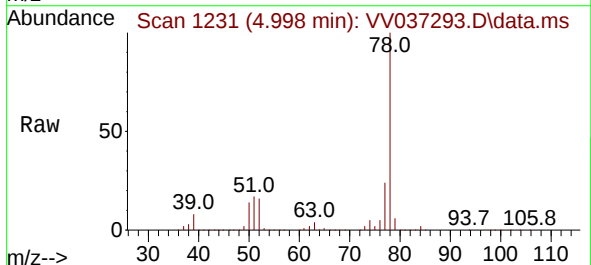


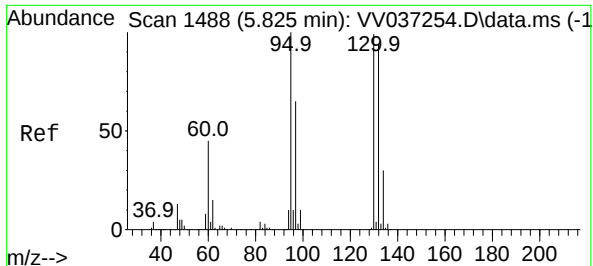
Tgt Ion:117 Resp: 362412
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.6



#33
Benzene
Concen: 54.289 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

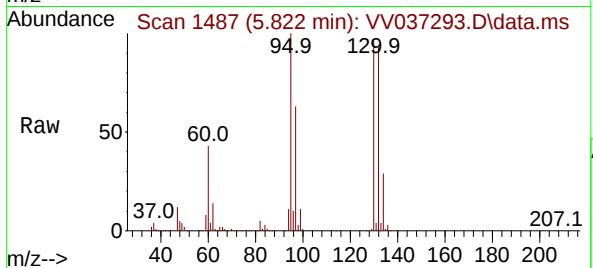
Tgt Ion: 78 Resp: 1057685



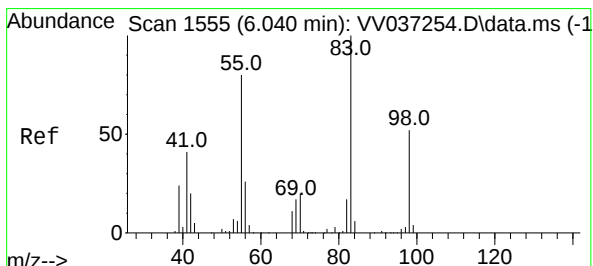
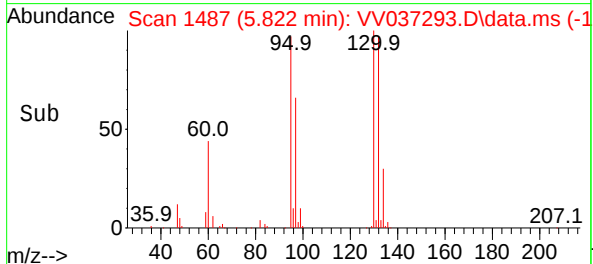
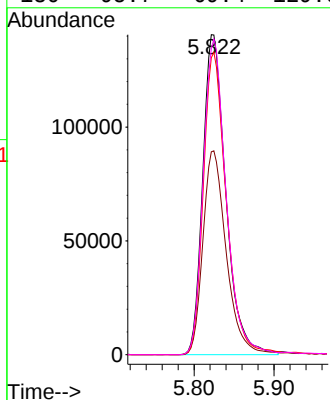


#34
Trichloroethene
Concen: 54.828 ug/L
RT: 5.822 min Scan# 1487
Delta R.T. -0.003 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Instrument :
MSVOA_V
ClientSampleId :

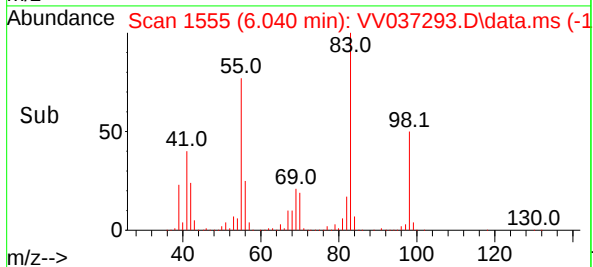
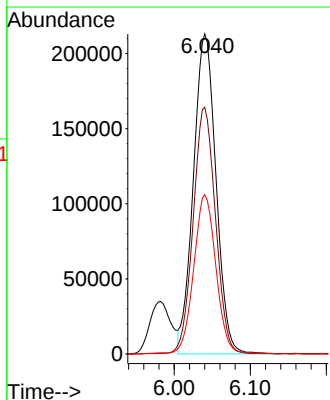
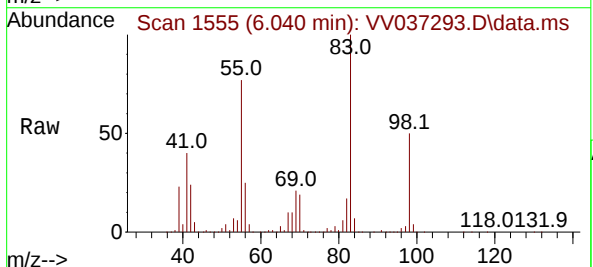


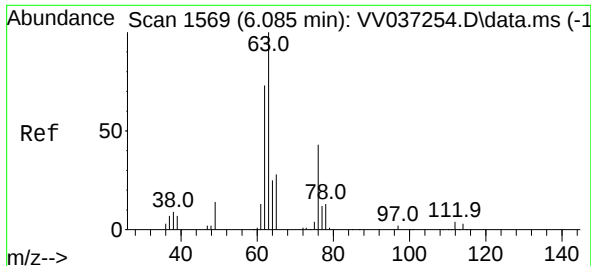
Tgt Ion: 95 Resp: 281938
Ion Ratio Lower Upper
95 100
97 63.4 44.4 82.5
132 92.8 64.9 120.5
130 95.7 69.4 129.0



#35
Methylcyclohexane
Concen: 52.701 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Tgt Ion: 83 Resp: 440312
Ion Ratio Lower Upper
83 100
55 76.0 61.2 91.8
98 48.8 39.3 58.9

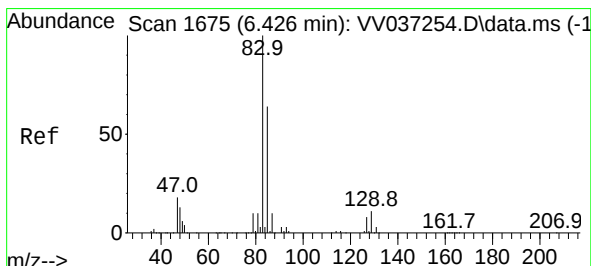
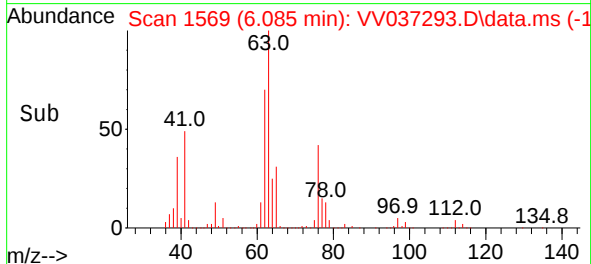
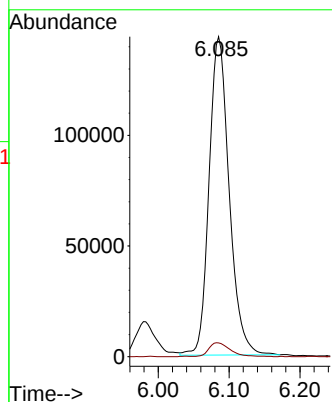
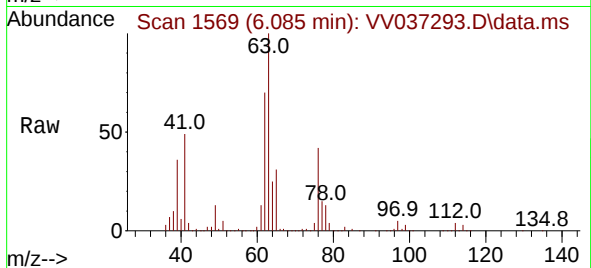




#37
1,2-Dichloropropane
Concen: 54.256 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

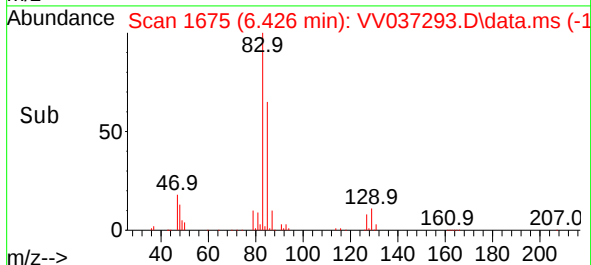
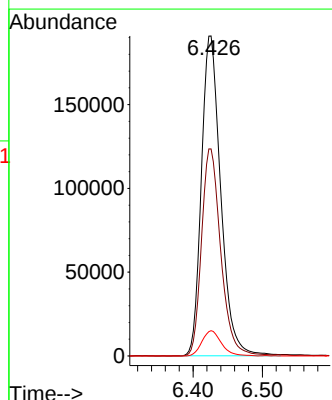
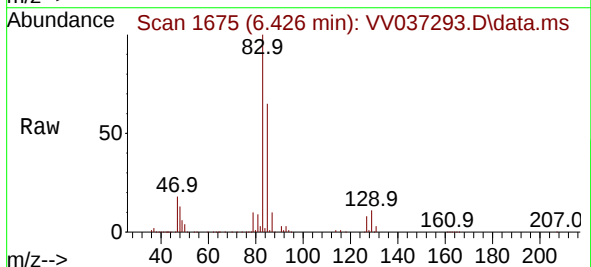
Instrument :
MSVOA_V
ClientSampleId :

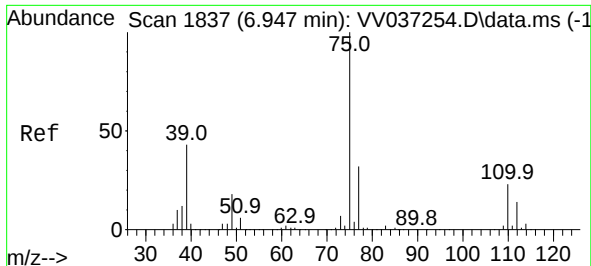
Tgt Ion: 63 Resp: 283384
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 55.359 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Tgt Ion: 83 Resp: 370597
Ion Ratio Lower Upper
83 100
85 64.7 44.5 82.7
127 7.9 6.1 9.1

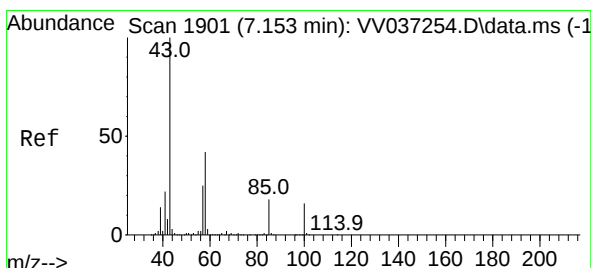
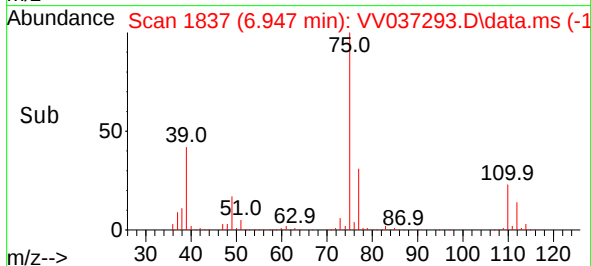
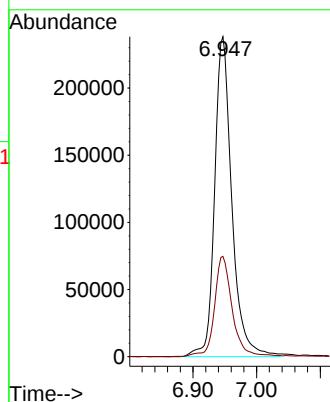
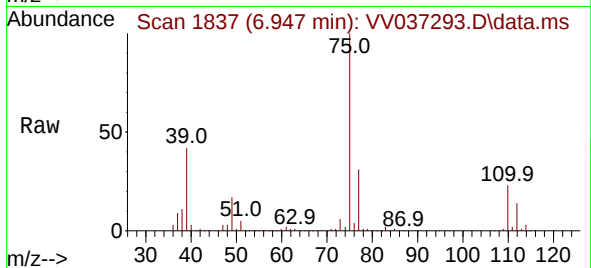




#39
 cis-1,3-Dichloropropene
 Concen: 54.345 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV037293.D
 Acq: 16 Sep 2024 08:42

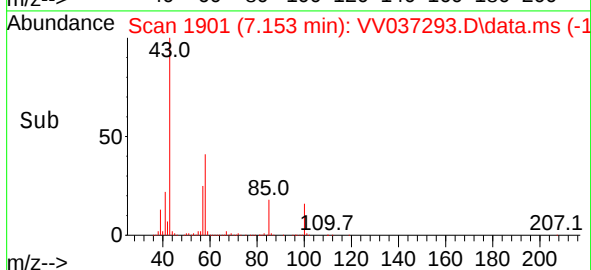
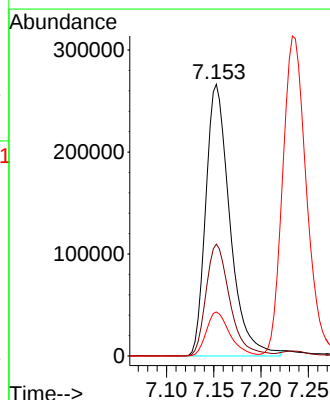
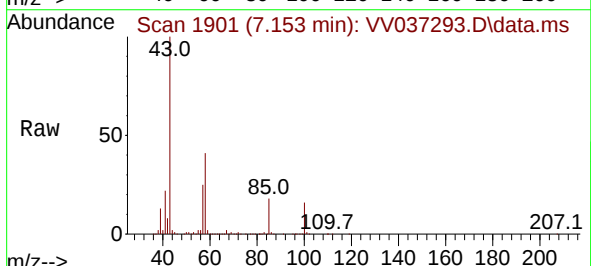
Instrument :
 MSVOA_V
 ClientSampleId :

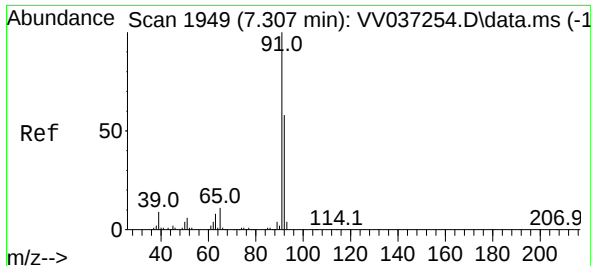
Tgt Ion: 75 Resp: 447936
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 89.197 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV037293.D
 Acq: 16 Sep 2024 08:42

Tgt Ion: 43 Resp: 473639
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.0 48.0
 100 15.8 12.4 18.6





#42

Toluene

Concen: 54.751 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Instrument :

MSVOA_V

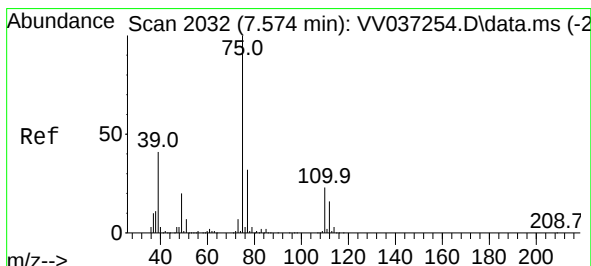
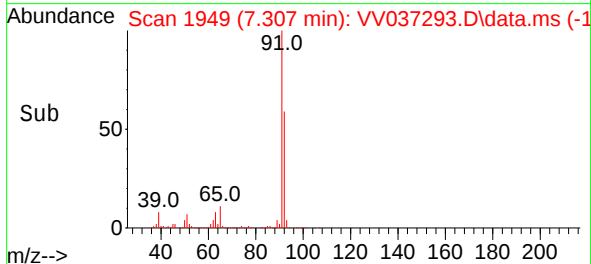
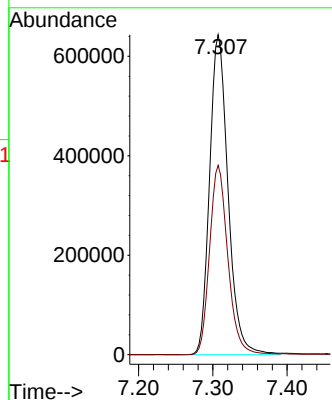
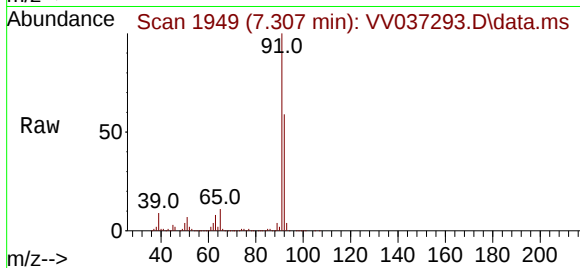
ClientSampleId :

Tgt Ion: 91 Resp: 1110621

Ion Ratio Lower Upper

91 100

92 59.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 53.484 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV037293.D

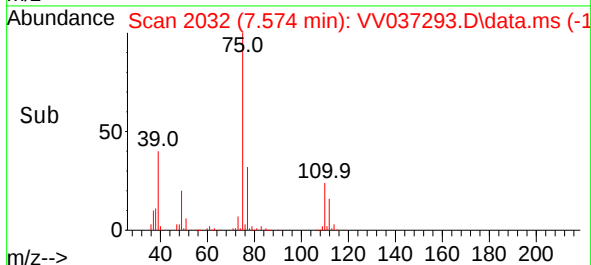
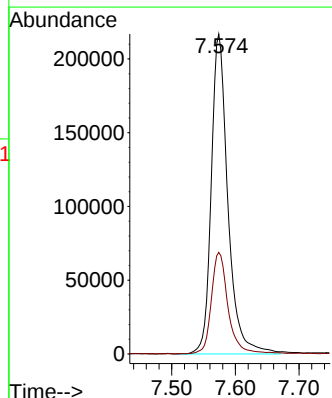
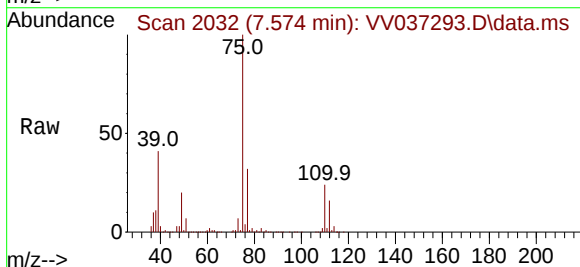
Acq: 16 Sep 2024 08:42

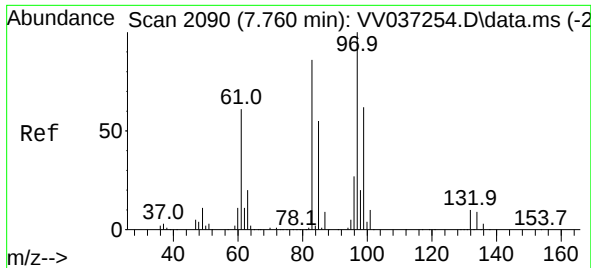
Tgt Ion: 75 Resp: 394040

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 52.703 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 256249

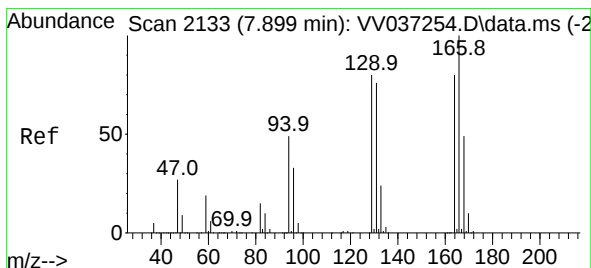
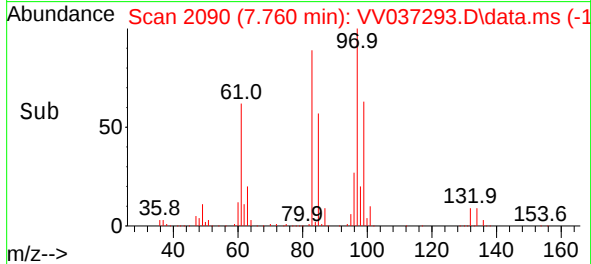
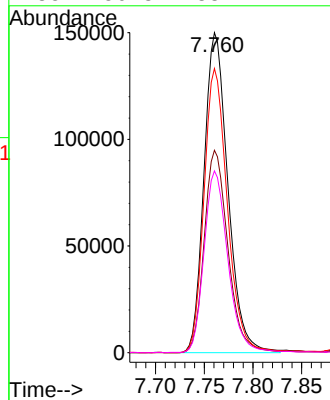
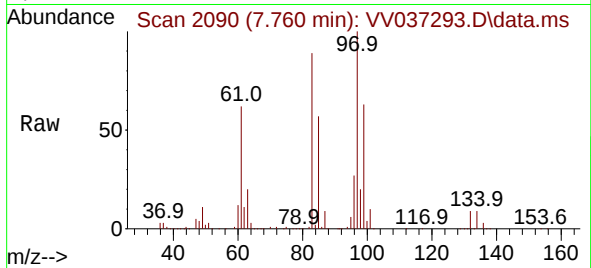
Ion Ratio Lower Upper

97 100

99 63.2 42.6 79.0

83 88.8 60.5 112.3

85 56.8 38.2 71.0



#46

Tetrachloroethene

Concen: 55.345 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.003 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Tgt Ion:164 Resp: 204200

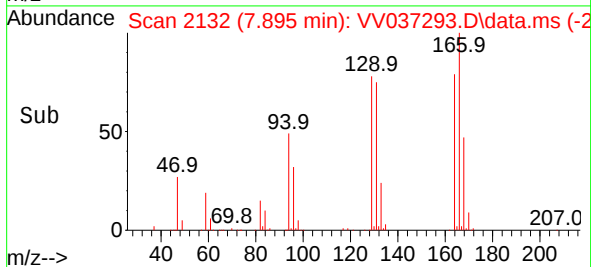
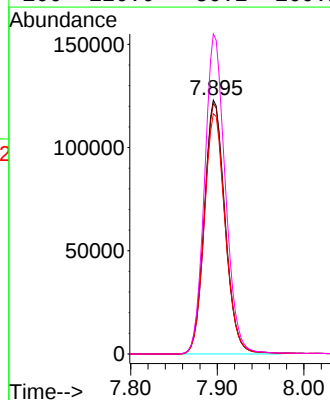
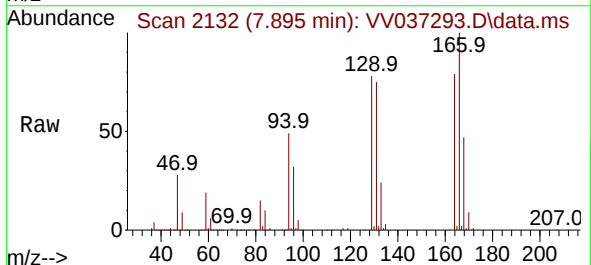
Ion Ratio Lower Upper

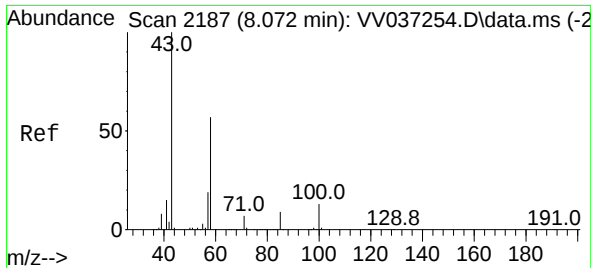
164 100

129 98.7 67.1 124.7

131 94.6 67.0 124.4

166 126.0 86.2 160.2

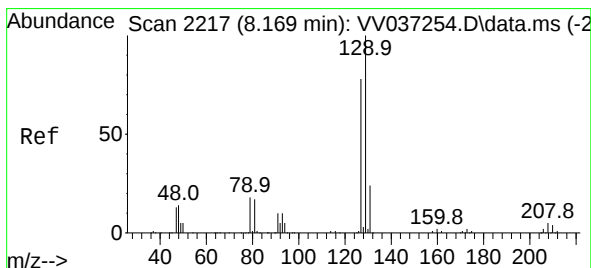
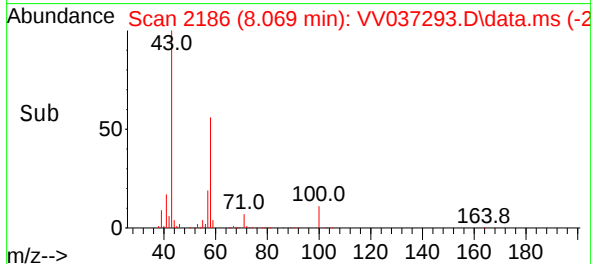
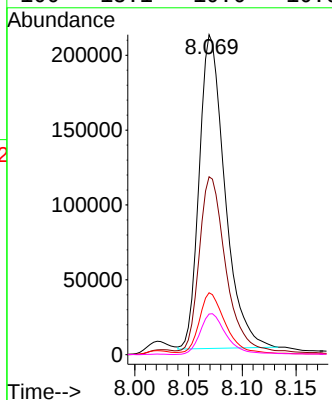
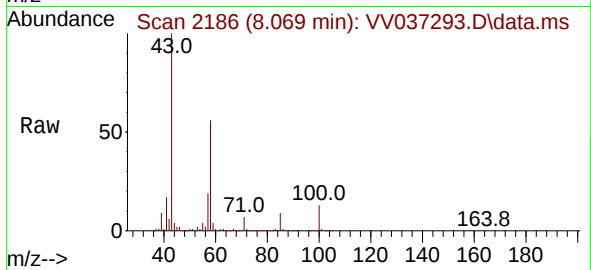




#48
2-Hexanone
Concen: 84.591 ug/L
RT: 8.069 min Scan# 2187
Delta R.T. -0.003 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

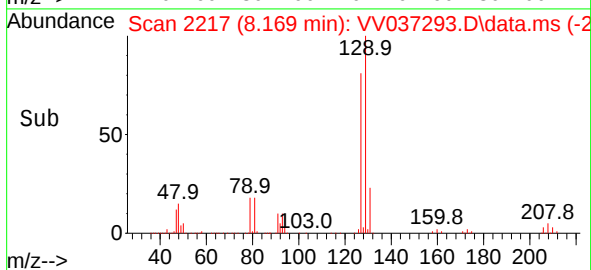
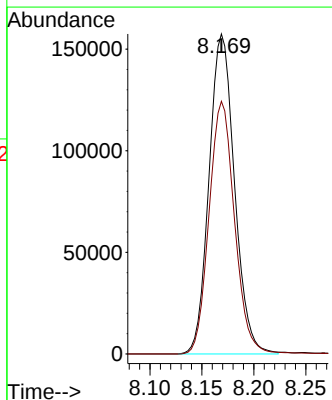
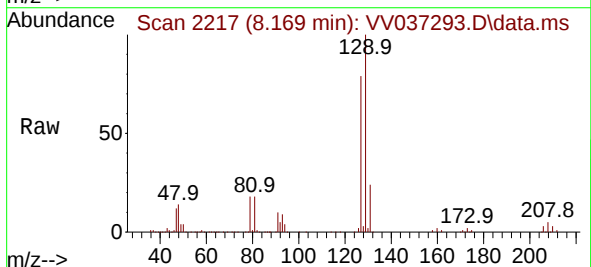
Instrument :
MSVOA_V
ClientSampleId :

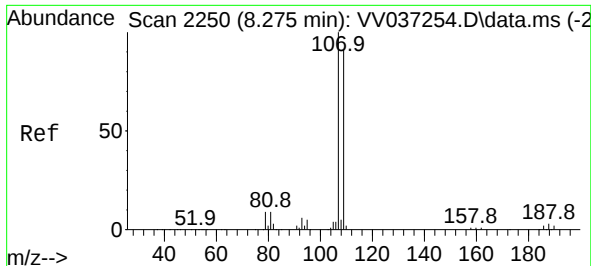
Tgt Ion: 43 Resp: 347388
Ion Ratio Lower Upper
43 100
58 57.3 46.0 69.0
57 19.4 15.6 23.4
100 13.1 10.6 16.0



#49
Dibromochloromethane
Concen: 55.163 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

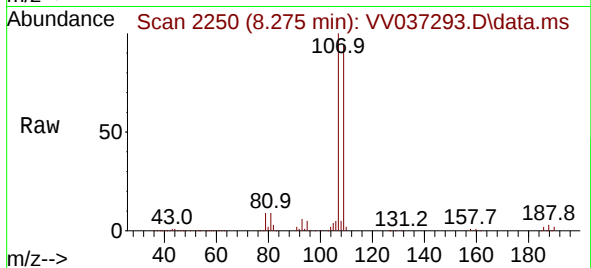
Tgt Ion: 129 Resp: 268564
Ion Ratio Lower Upper
129 100
127 79.0 54.7 101.7



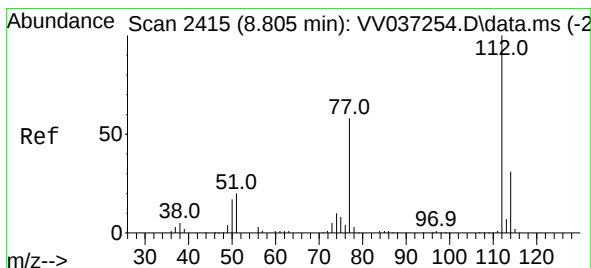
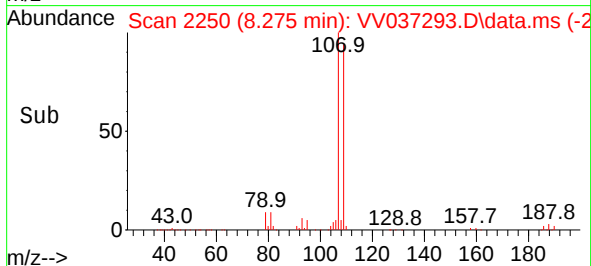
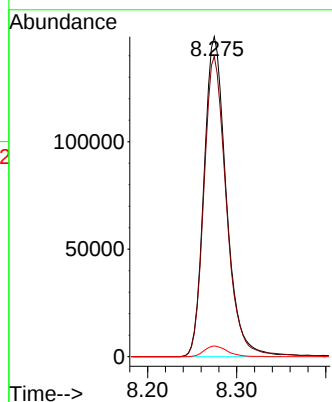


#50
1,2-Dibromoethane
Concen: 52.480 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Instrument :
MSVOA_V
ClientSampleId :

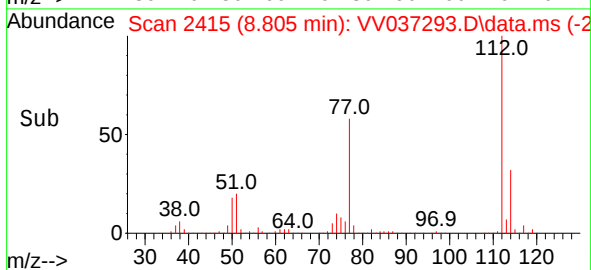
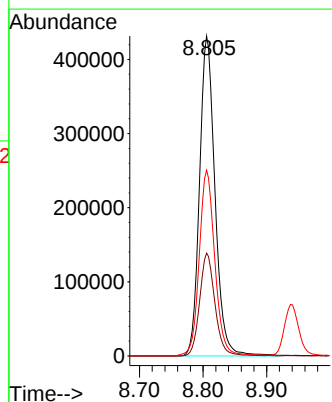
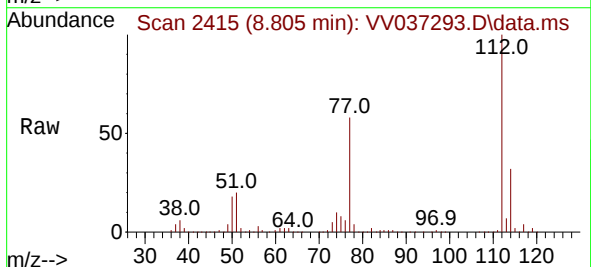


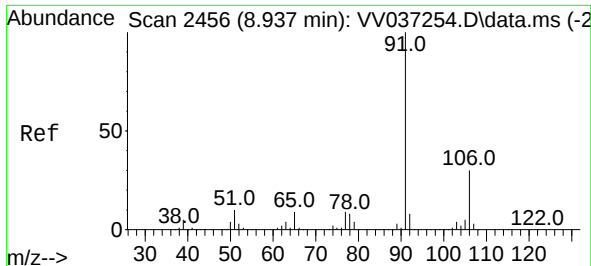
Tgt Ion:107 Resp: 258204
Ion Ratio Lower Upper
107 100
109 93.9 66.6 123.6
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 54.231 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Tgt Ion:112 Resp: 728283
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 58.0 47.8 71.8

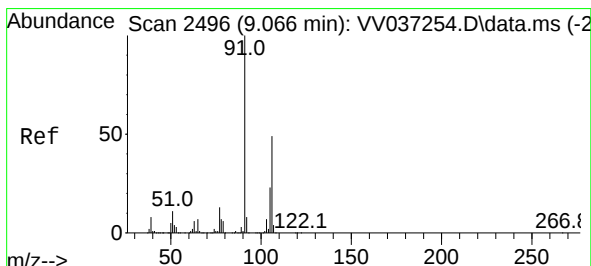
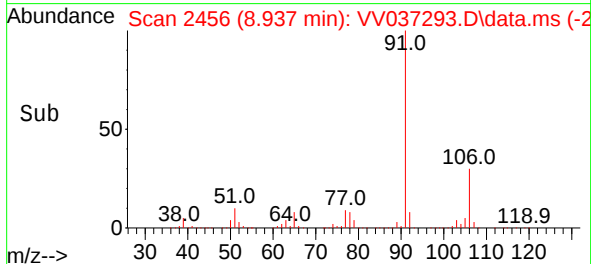
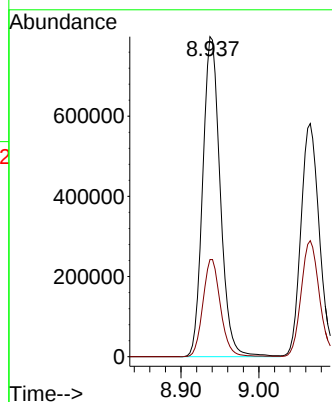
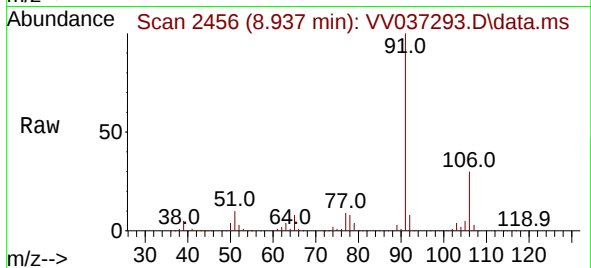




#52
Ethylbenzene
Concen: 54.400 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

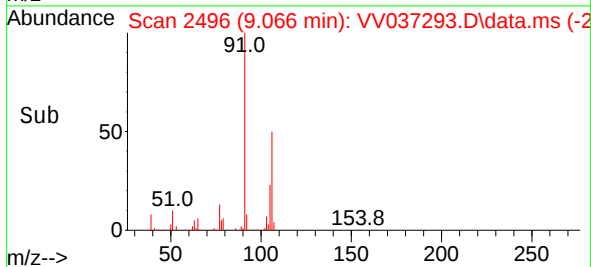
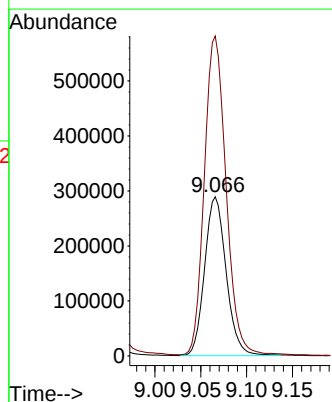
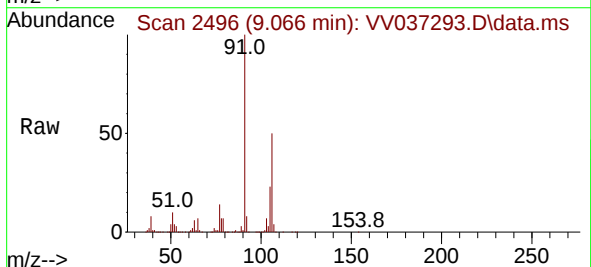
Instrument :
MSVOA_V
ClientSampleId :

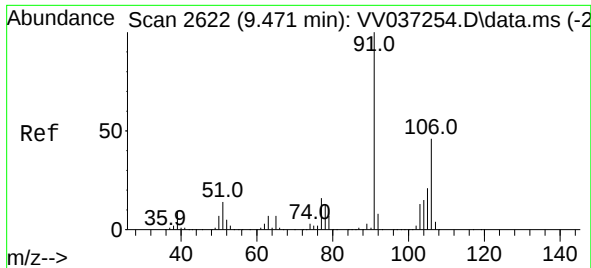
Tgt Ion: 91 Resp: 1246438
Ion Ratio Lower Upper
91 100
106 30.4 21.4 39.8



#53
m,p-Xylene
Concen: 55.455 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Tgt Ion:106 Resp: 470776
Ion Ratio Lower Upper
106 100
91 201.0 143.0 265.6

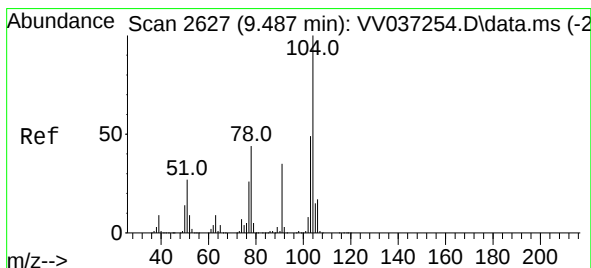
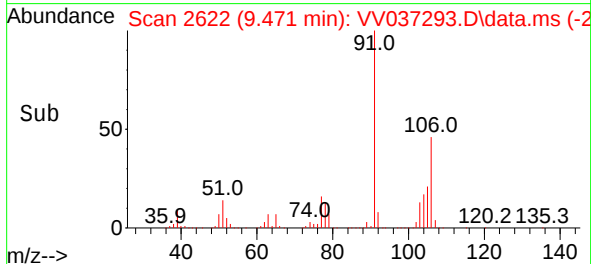
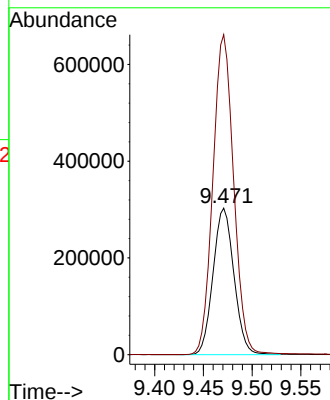
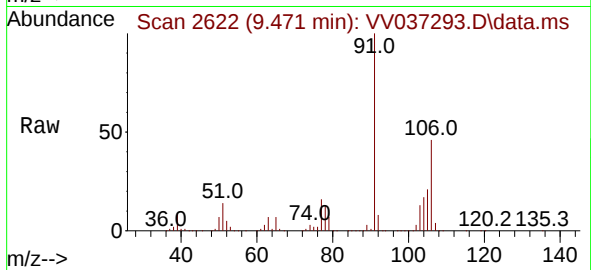




#54
o-Xylene
Concen: 54.468 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

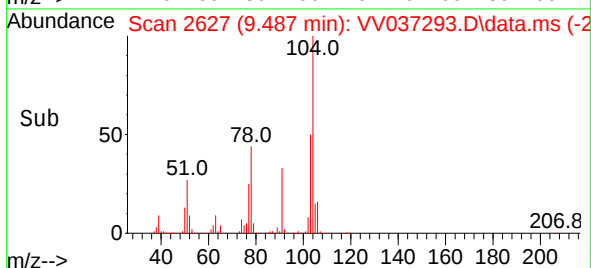
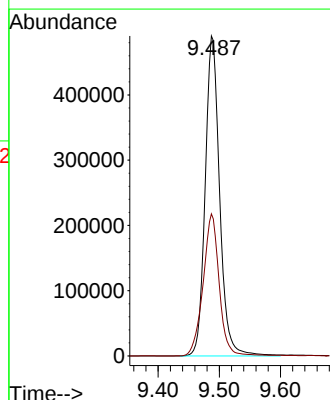
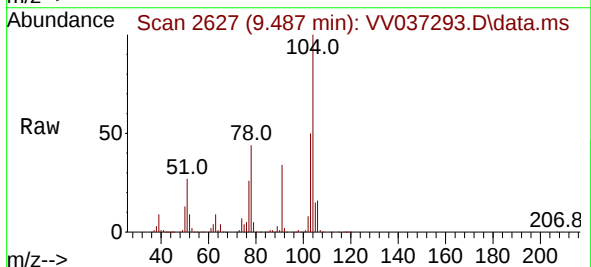
Instrument :
MSVOA_V
ClientSampleId :

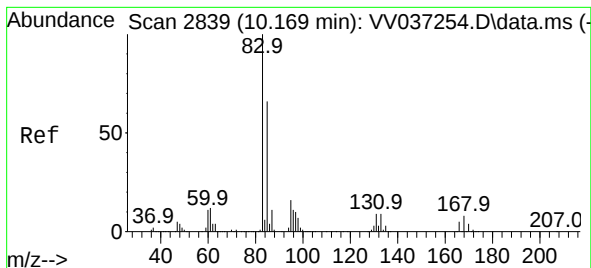
Tgt Ion:106 Resp: 452742
Ion Ratio Lower Upper
106 100
91 218.4 153.2 284.6



#55
Styrene
Concen: 56.029 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

Tgt Ion:104 Resp: 808095
Ion Ratio Lower Upper
104 100
78 44.4 30.9 57.5

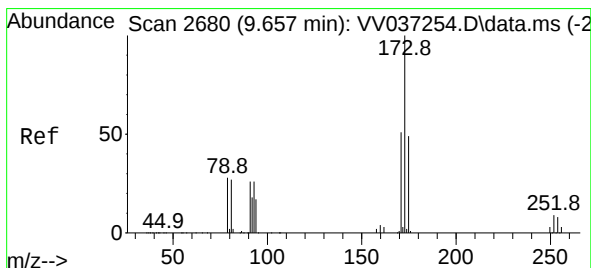
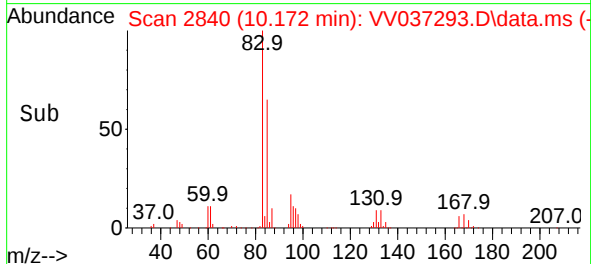
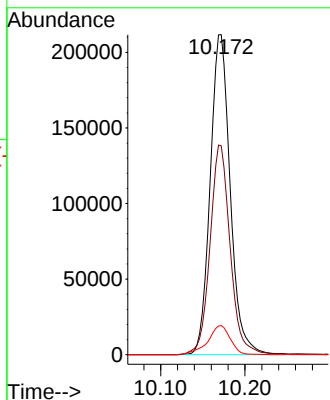
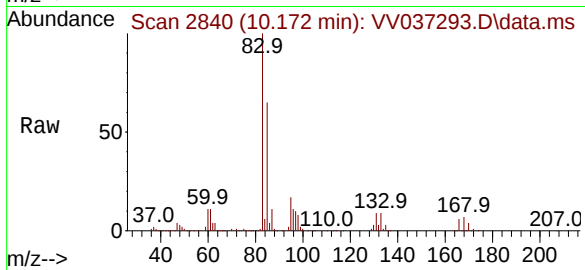




#57
1,1,2,2-Tetrachloroethane
Concen: 48.532 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

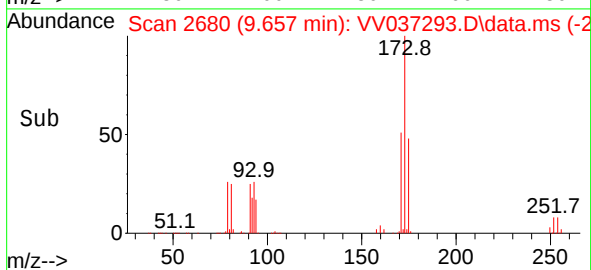
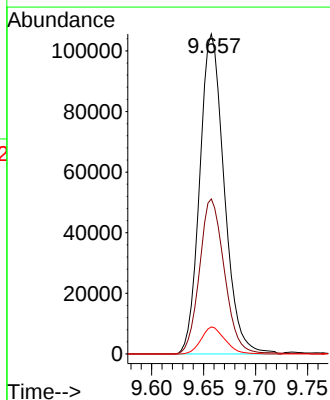
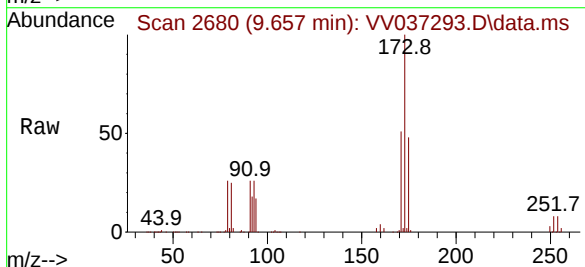
Instrument :
MSVOA_V
ClientSampleId :

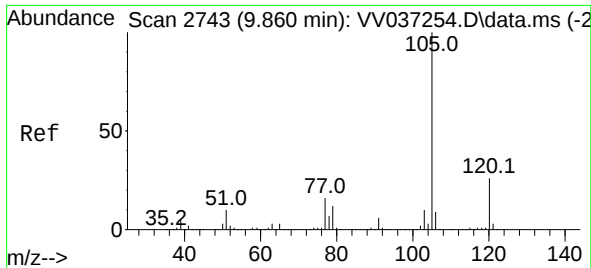
Tgt Ion: 83 Resp: 349477
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7
131 9.1 7.4 11.0



#59
Bromoform
Concen: 52.616 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

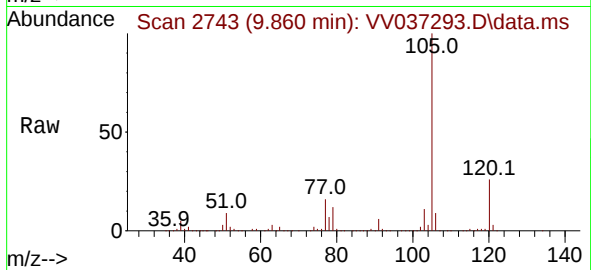
Tgt Ion: 173 Resp: 173195
Ion Ratio Lower Upper
173 100
175 49.3 38.7 58.1
254 8.2 6.8 10.2



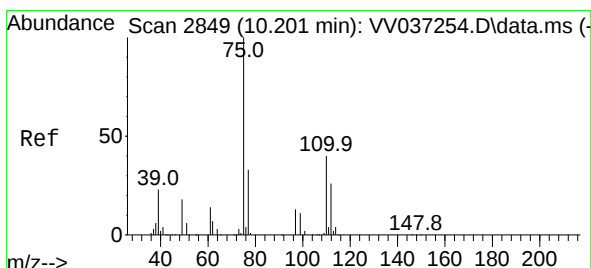
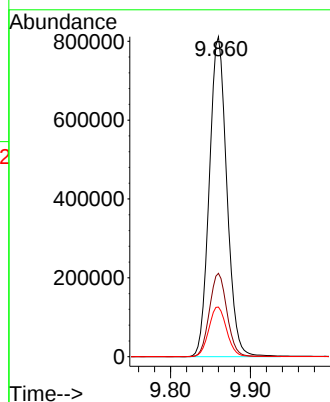
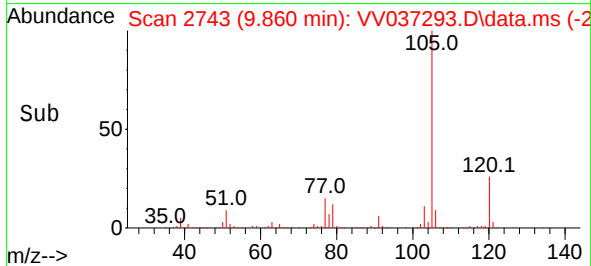


#60
Isopropylbenzene
Concen: 53.975 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42

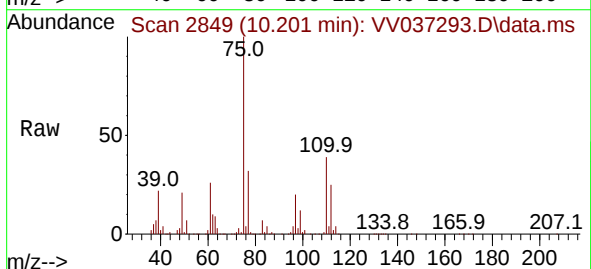
Instrument :
MSVOA_V
ClientSampleId :



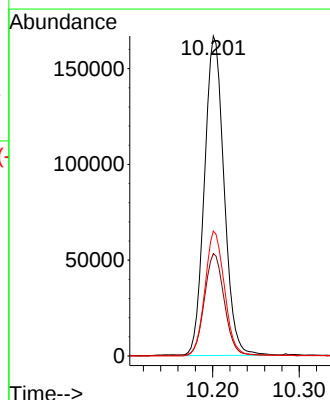
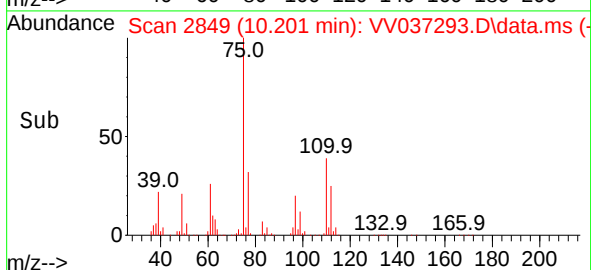
Tgt Ion:105 Resp: 1236925
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 15.8 12.6 19.0

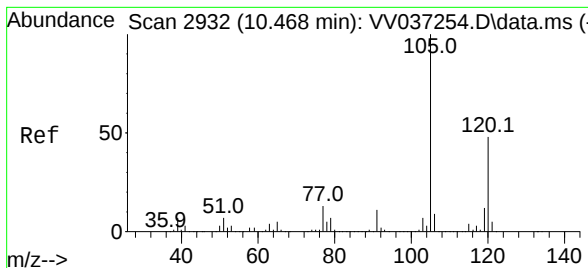


#61
1,2,3-Trichloropropane
Concen: 47.688 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV037293.D
Acq: 16 Sep 2024 08:42



Tgt Ion: 75 Resp: 262238
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
110 39.1 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 54.019 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Instrument :

MSVOA_V

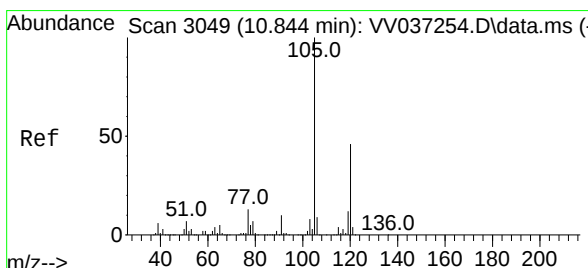
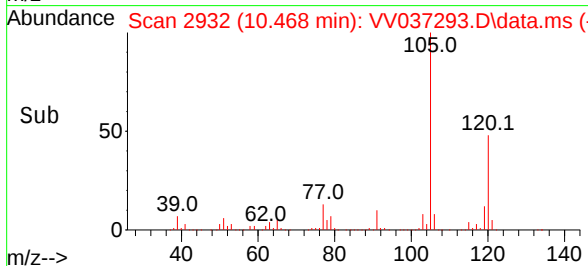
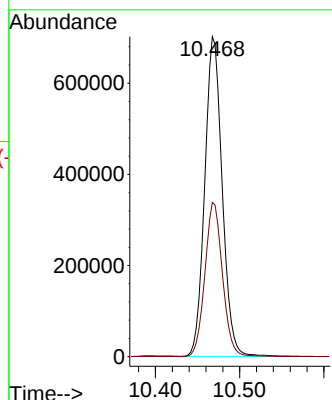
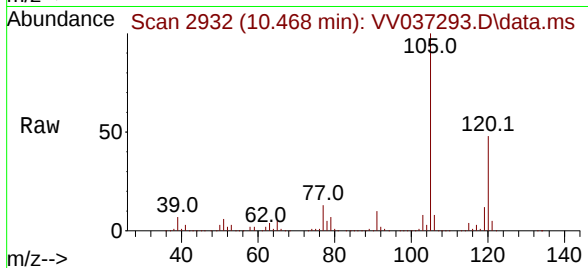
ClientSampleId :

Tgt Ion:105 Resp: 1012827

Ion Ratio Lower Upper

105 100

120 48.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 53.966 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037293.D

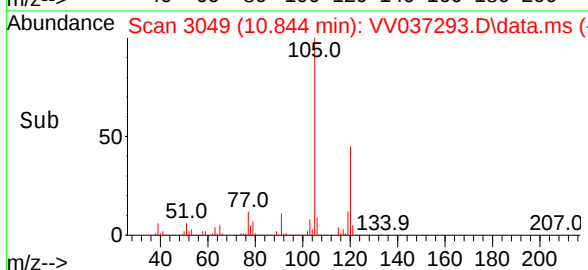
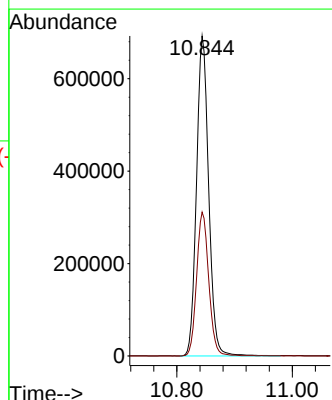
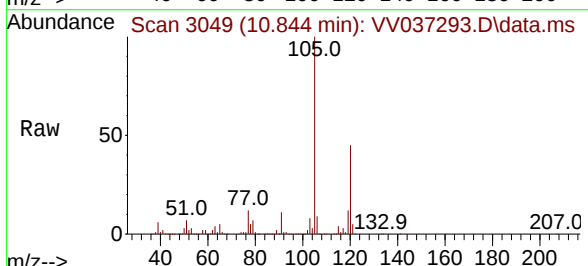
Acq: 16 Sep 2024 08:42

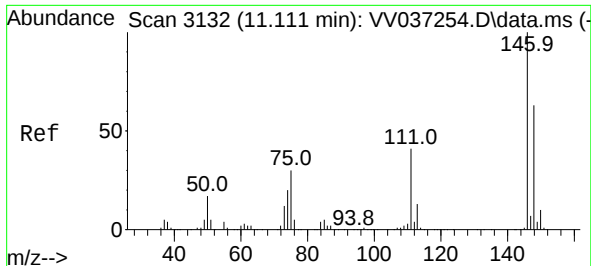
Tgt Ion:105 Resp: 1009764

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 53.594 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Instrument :

MSVOA_V

ClientSampleId :

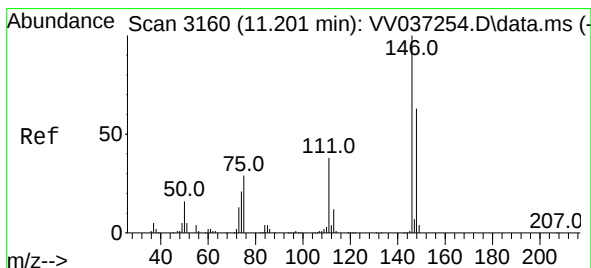
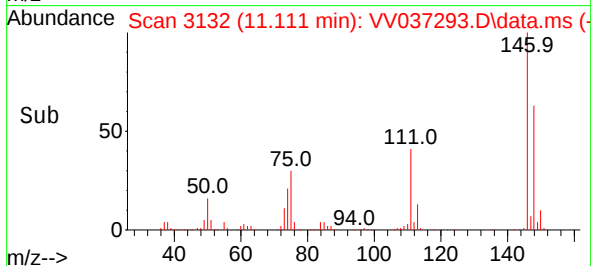
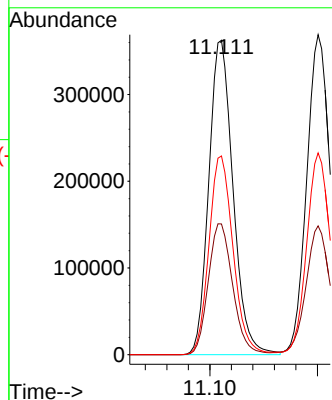
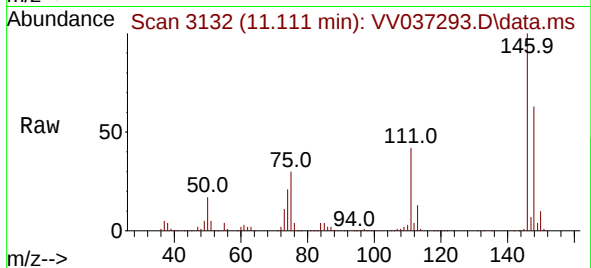
Tgt Ion:146 Resp: 567129

Ion Ratio Lower Upper

146 100

111 41.6 29.7 55.1

148 63.2 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 53.379 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

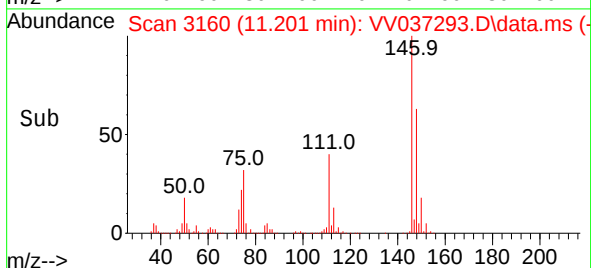
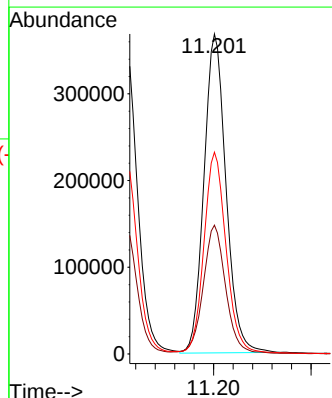
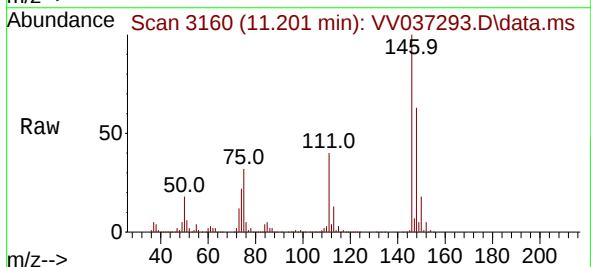
Tgt Ion:146 Resp: 578133

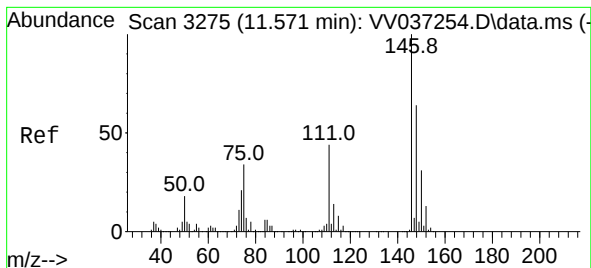
Ion Ratio Lower Upper

146 100

111 40.2 28.1 52.1

148 63.0 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 53.507 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Instrument :

MSVOA_V

ClientSampleId :

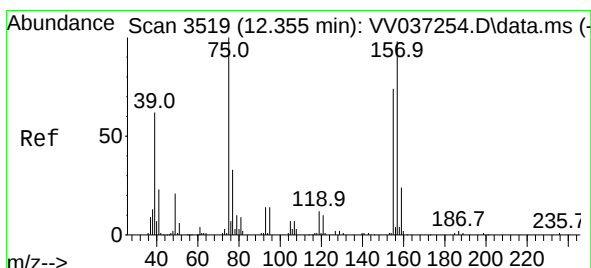
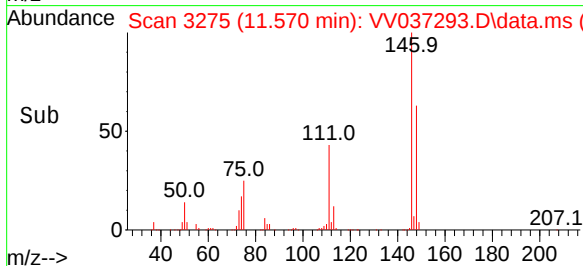
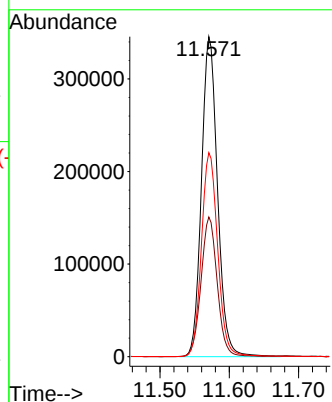
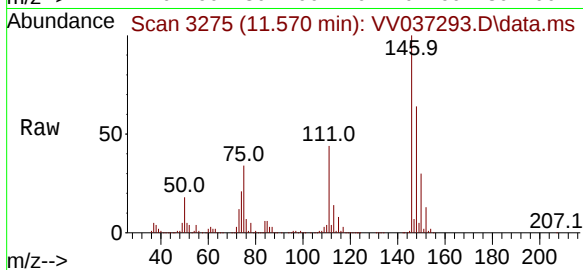
Tgt Ion:146 Resp: 556733

Ion Ratio Lower Upper

146 100

111 43.6 34.6 51.8

148 63.7 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 45.603 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

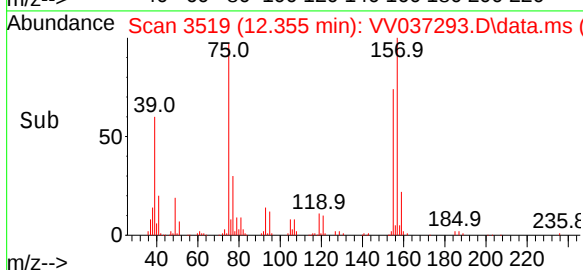
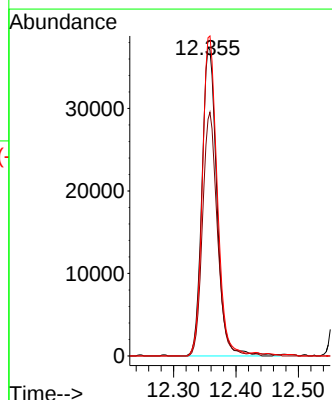
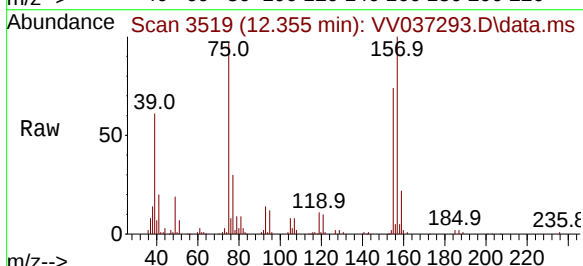
Tgt Ion: 75 Resp: 62538

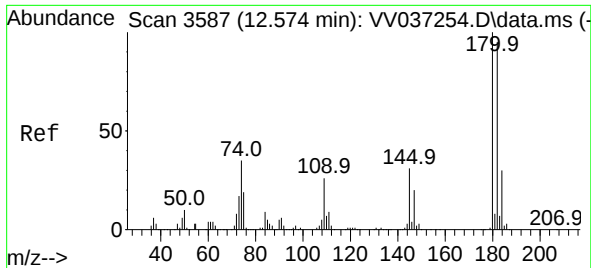
Ion Ratio Lower Upper

75 100

155 76.5 61.8 92.6

157 102.9 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 53.735 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

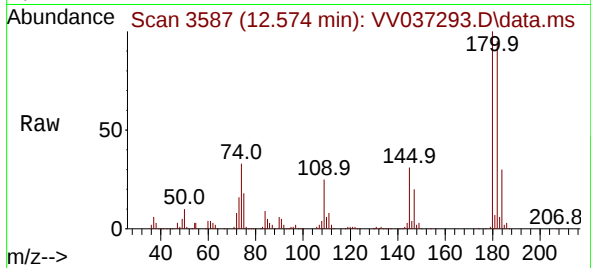
Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 395654

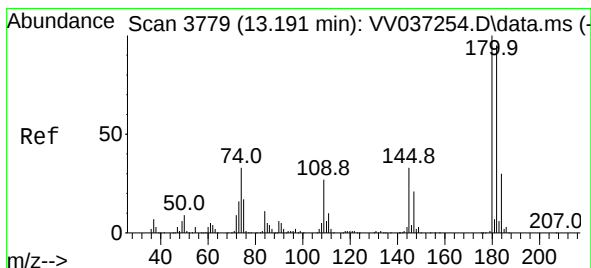
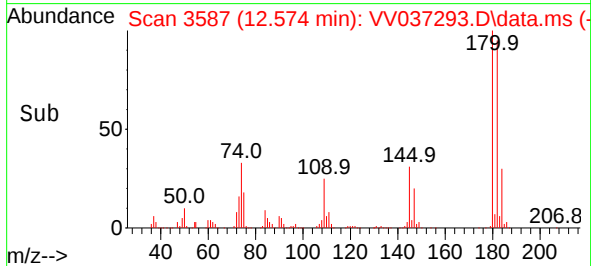
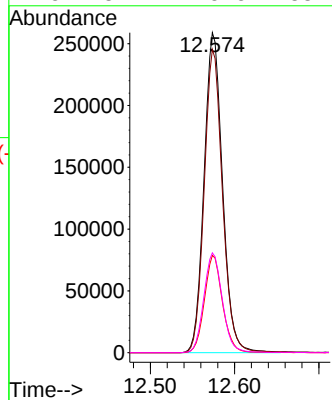
Ion Ratio Lower Upper

180 100

182 93.5 76.7 115.1

184 29.8 24.2 36.2

145 31.2 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 50.500 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

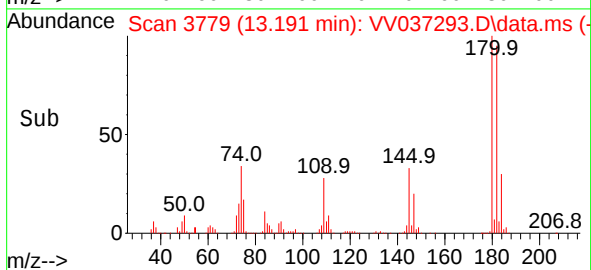
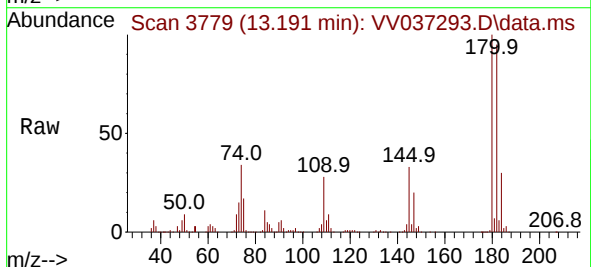
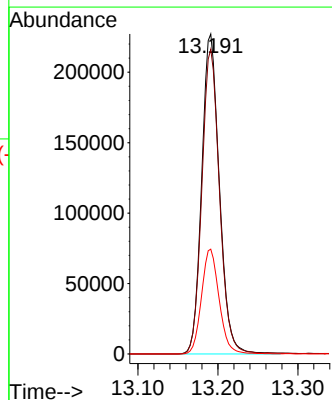
Tgt Ion:180 Resp: 350140

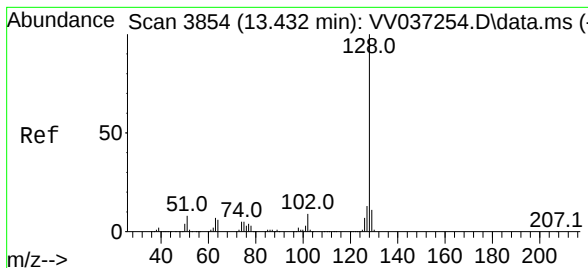
Ion Ratio Lower Upper

180 100

182 95.0 75.7 113.5

145 32.7 26.0 39.0





#71

Naphthalene

Concen: 42.388 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Instrument :

MSVOA_V

ClientSampleId :

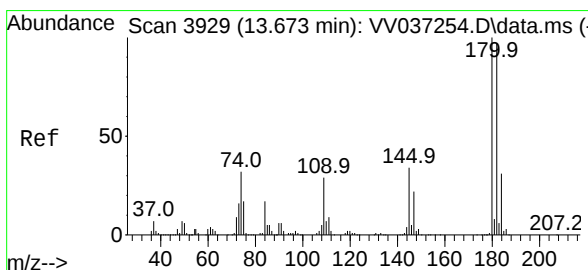
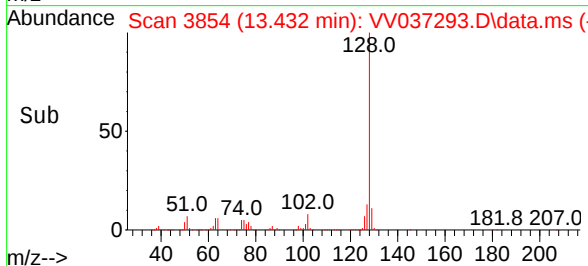
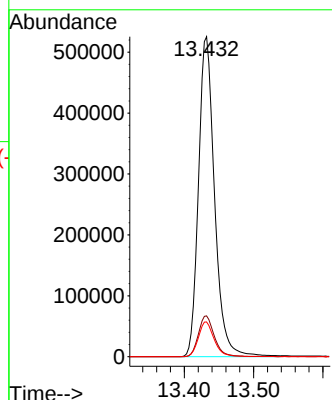
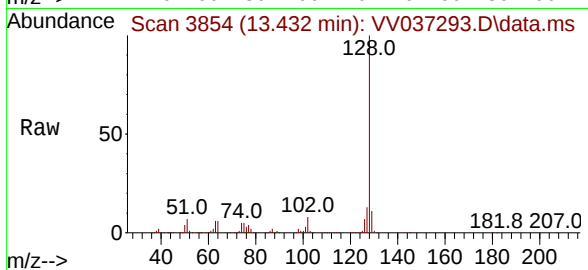
Tgt Ion:128 Resp: 848636

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 50.619 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037293.D

Acq: 16 Sep 2024 08:42

Tgt Ion:180 Resp: 345864

Ion Ratio Lower Upper

180 100

182 94.6 75.1 112.7

145 34.1 27.0 40.4

