

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037032.D
 Acq On : 26 Aug 2024 17:01
 Operator : SY/MD
 Sample : P3697-02MS
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 02:02:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:58:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	659528	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	642494	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	321490	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	255067	42.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.560%
7) Chloroethane-d5	1.529	69	209810	44.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.056	65	114947	45.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.660%
21) 2-Butanone-d5	3.796	46	265585	113.677	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.680%
24) Chloroform-d	4.243	84	469101	49.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.360%
26) 1,2-Dichloroethane-d4	4.937	65	298871	50.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.520%
32) Benzene-d6	4.953	84	928671	47.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.720%
36) 1,2-Dichloropropane-d6	5.985	67	297403	48.930	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.860%
41) Toluene-d8	7.239	98	850985	48.589	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.180%
43) trans-1,3-Dichloroprop...	7.548	79	139949	49.768	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.540%
47) 2-Hexanone-d5	8.024	63	234489	141.357	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	141.360%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	395182	53.608	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.220%
66) 1,2-Dichlorobenzene-d4	11.554	152	313588	48.703	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	275797	49.486	ug/L	99
3) Chloromethane	1.217	50	322672	51.480	ug/L	99
5) Vinyl chloride	1.281	62	306410	52.075	ug/L	99
6) Bromomethane	1.484	94	175413	53.203	ug/L	100
8) Chloroethane	1.548	64	189249	52.583	ug/L	99
9) Trichlorofluoromethane	1.712	101	390255	50.823	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	228440	50.018	ug/L	99
12) 1,1-Dichloroethene	2.066	96	218279	50.729	ug/L	93
13) Acetone	2.111	43	398999	159.240	ug/L	99
14) Carbon disulfide	2.236	76	629333	48.179	ug/L	99
15) Methyl Acetate	2.371	43	271468	64.624	ug/L	99
16) Methylene chloride	2.442	84	277435	57.147	ug/L	99
17) trans-1,2-Dichloroethene	2.686	96	231053	51.726	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	805625	57.334	ug/L	100
19) 1,1-Dichloroethane	3.104	63	470310	53.018	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	258980	52.469	ug/L	99
22) 2-Butanone	3.876	43	312978	113.449	ug/L	99
23) Bromochloromethane	4.140	128	131832	54.410	ug/L	97
25) Chloroform	4.272	83	470922	52.418	ug/L	99

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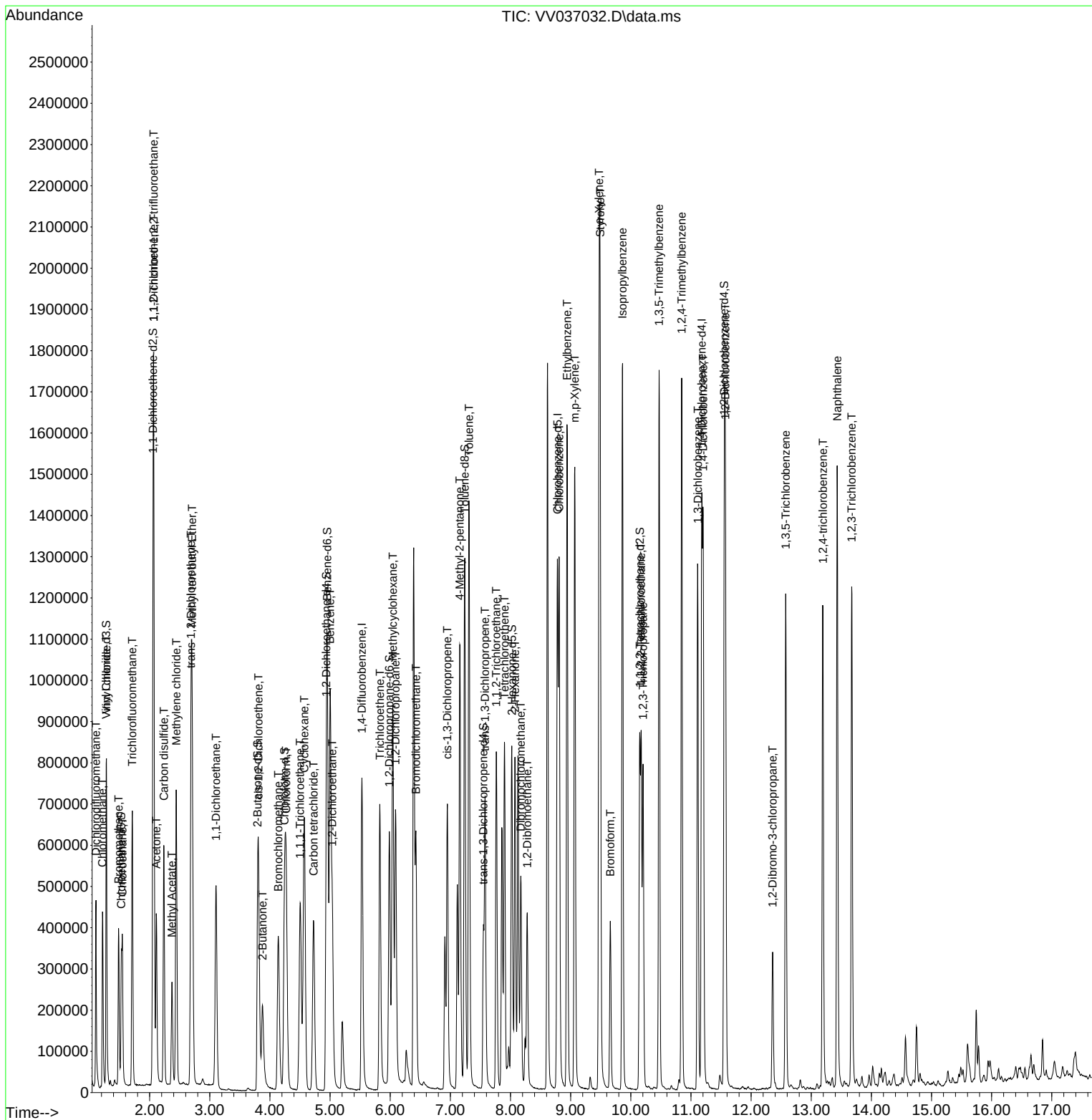
Instrument :
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 ClientSampleId :

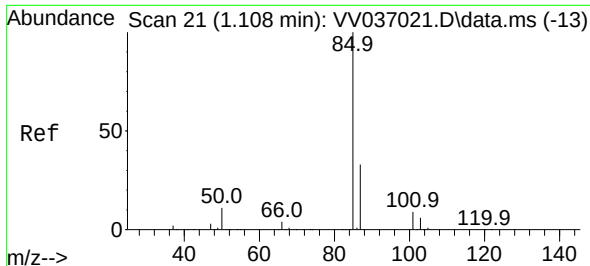
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 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:58:15 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	354272	53.758	ug/L	100
29) Cyclohexane	4.571	56	378779	50.141	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	379727	51.365	ug/L	99
31) Carbon tetrachloride	4.725	117	314777	50.461	ug/L	99
33) Benzene	5.002	78	971504	52.395	ug/L	100
34) Trichloroethene	5.828	95	249177	50.915	ug/L	98
35) Methylcyclohexane	6.043	83	390772	49.145	ug/L	99
37) 1,2-Dichloropropane	6.088	63	266100	53.532	ug/L	99
38) Bromodichloromethane	6.429	83	347095	54.479	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	411134	52.410	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	689463	136.429	ug/L	98
42) Toluene	7.310	91	1013269	52.486	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	382415	54.540	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	257258	55.595	ug/L	99
46) Tetrachloroethene	7.902	164	175042	49.849	ug/L	97
48) 2-Hexanone	8.075	43	487843	124.819	ug/L	98
49) Dibromochloromethane	8.172	129	248093	53.544	ug/L	99
50) 1,2-Dibromoethane	8.278	107	265931	56.793	ug/L	99
51) Chlorobenzene	8.808	112	659678	51.614	ug/L	100
52) Ethylbenzene	8.940	91	1128834	51.766	ug/L	99
53) m,p-Xylene	9.069	106	416286	51.524	ug/L	98
54) o-Xylene	9.474	106	406109	51.336	ug/L	98
55) Styrene	9.490	104	725361	52.844	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	402308	58.702	ug/L	99
59) Bromoform	9.660	173	169557	56.639	ug/L	99
60) Isopropylbenzene	9.863	105	1100069	52.782	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	300784	60.143	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	905465	53.100	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	904325	53.142	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	490322	50.948	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	504204	51.188	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	492289	52.023	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	79942	64.096	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	332830	49.702	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	323892	51.365	ug/L	99
71) Naphthalene	13.432	128	1146520	62.967	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	327921	52.770	ug/L	97

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

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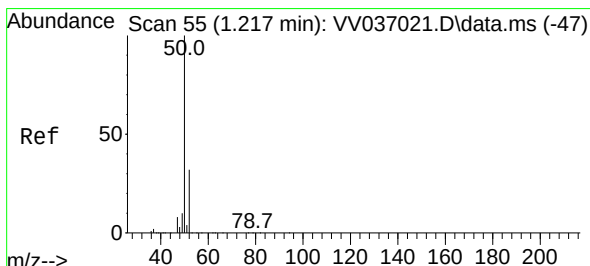
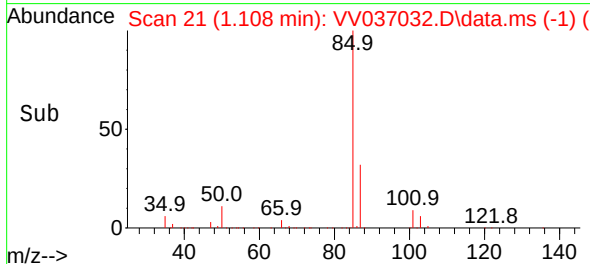
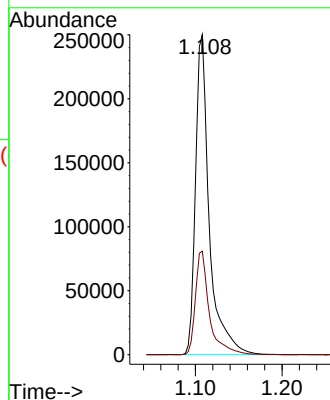
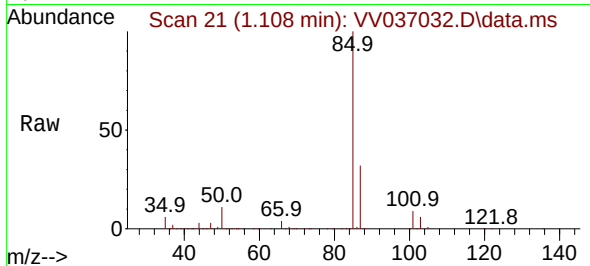




#2
 Dichlorodifluoromethane
 Concen: 49.486 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037032.D
 Acq: 26 Aug 2024 17:01

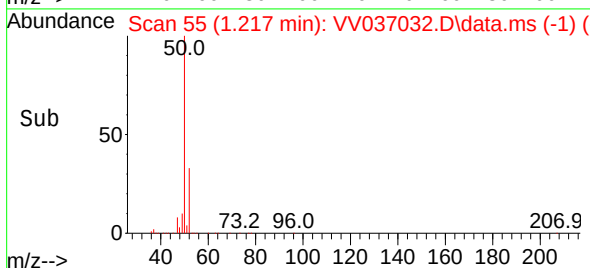
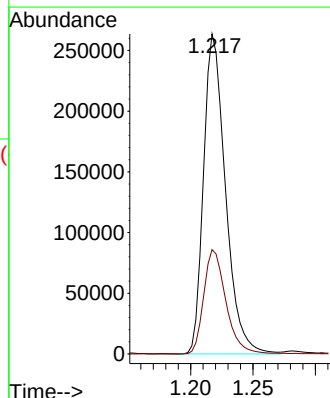
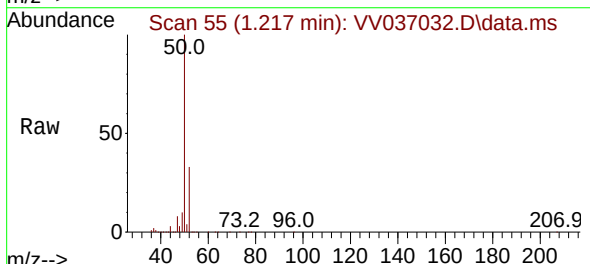
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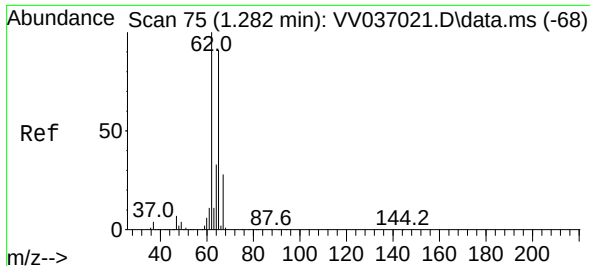
Tgt Ion: 85 Resp: 275797
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.9 38.9



#3
 Chloromethane
 Concen: 51.480 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037032.D
 Acq: 26 Aug 2024 17:01

Tgt Ion: 50 Resp: 322672
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.5 41.9

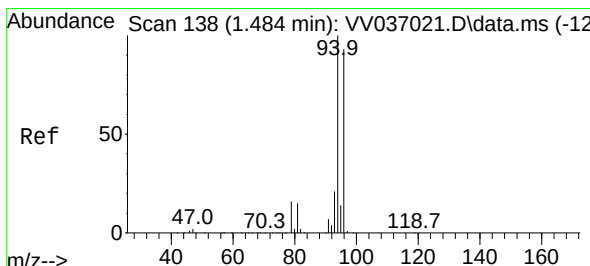
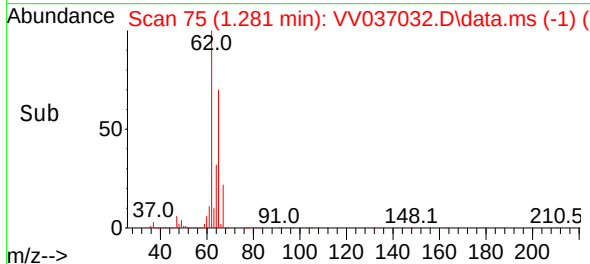
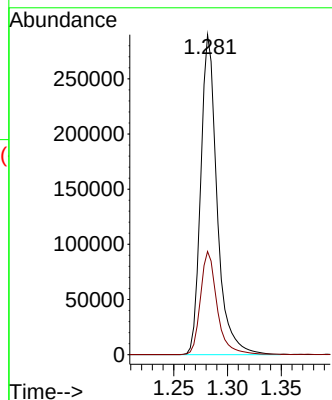
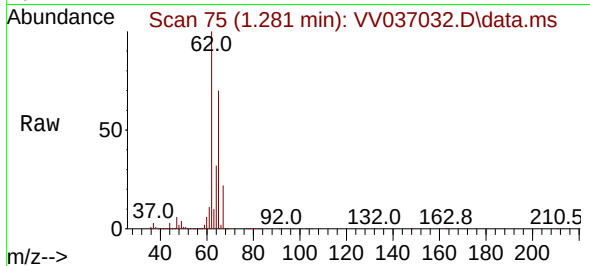




#5
 Vinyl chloride
 Concen: 52.075 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037032.D
 Acq: 26 Aug 2024 17:01

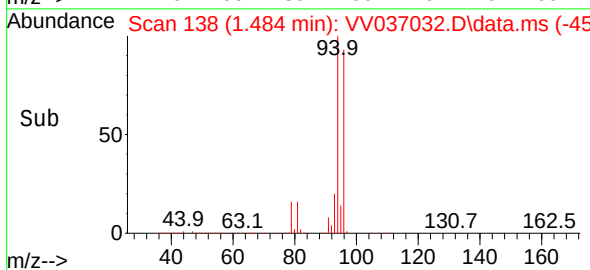
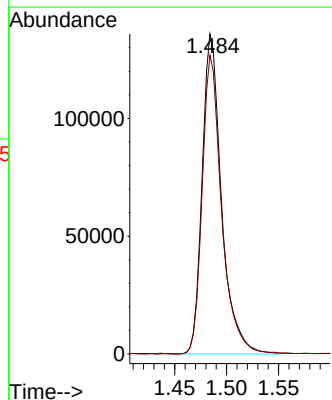
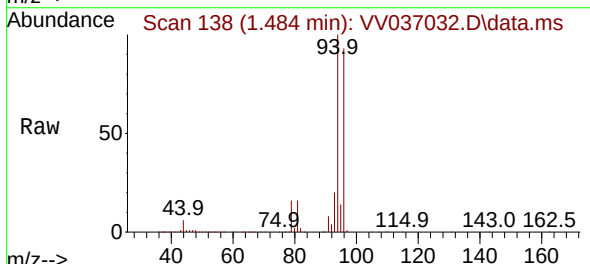
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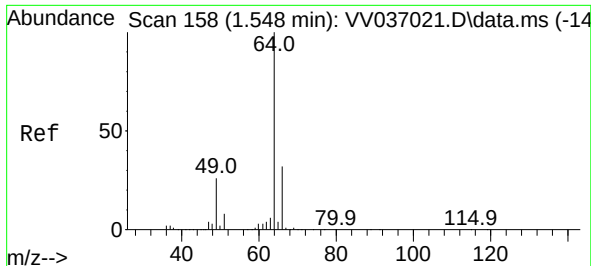
Tgt Ion: 62 Resp: 306410
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.8 42.4



#6
 Bromomethane
 Concen: 53.203 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV037032.D
 Acq: 26 Aug 2024 17:01

Tgt Ion: 94 Resp: 175413
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.6 121.8

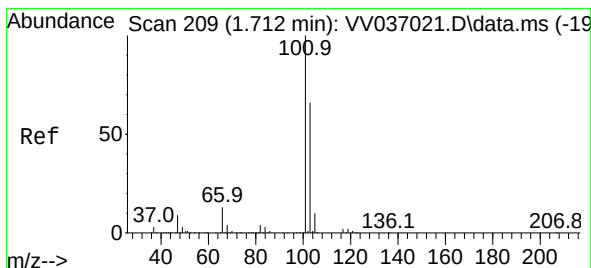
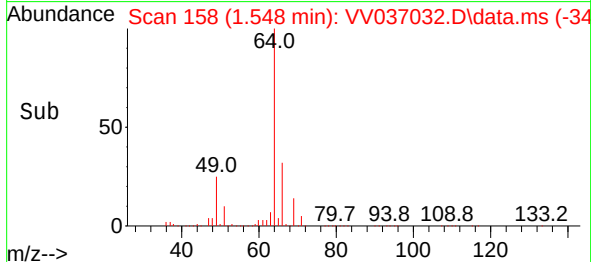
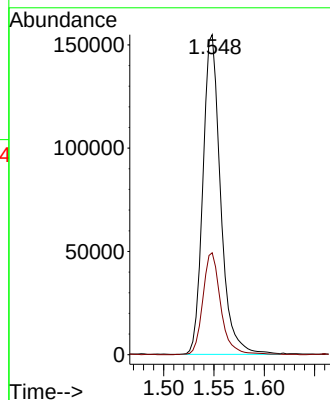
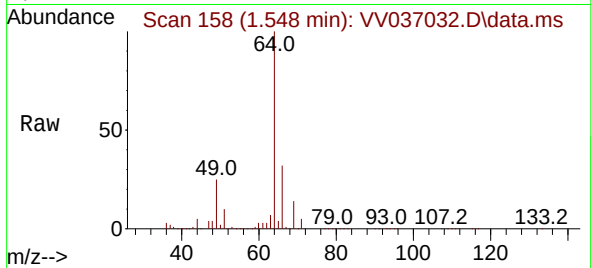




#8
Chloroethane
Concen: 52.583 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

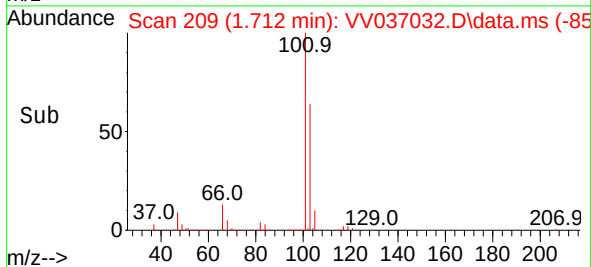
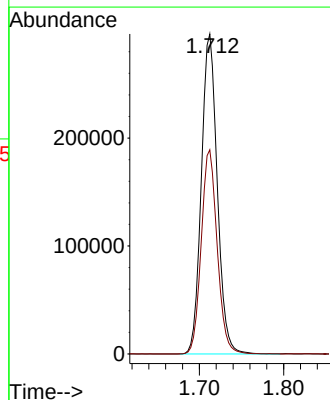
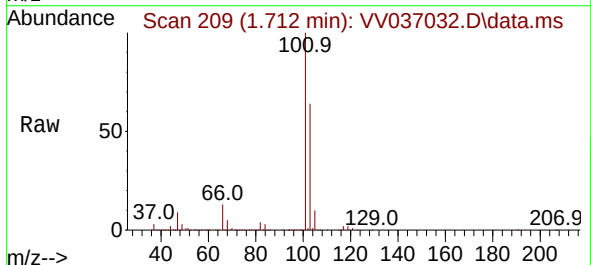
Instrument :
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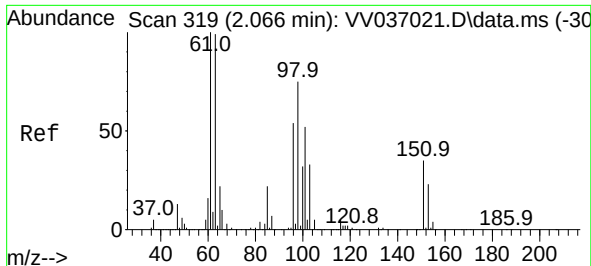
Tgt Ion: 64 Resp: 189249
Ion Ratio Lower Upper
64 100
66 31.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 50.823 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Tgt Ion:101 Resp: 390255
Ion Ratio Lower Upper
101 100
103 64.0 51.7 77.5

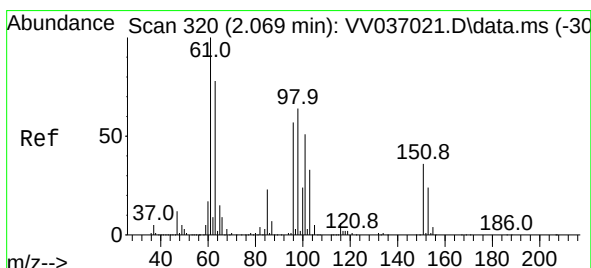
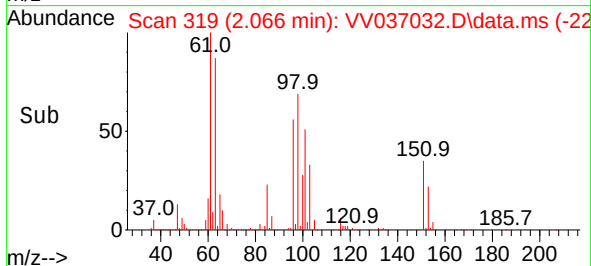
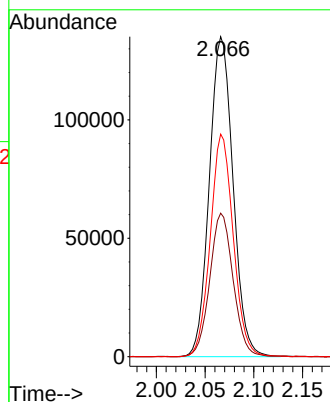
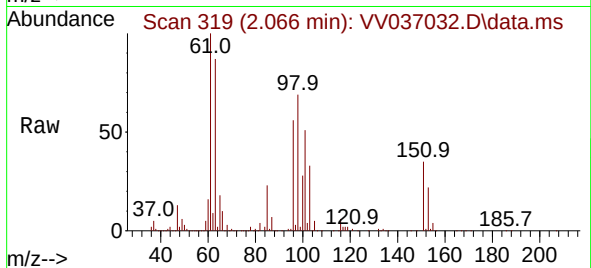




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.018 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV037032.D
 Acq: 26 Aug 2024 17:01

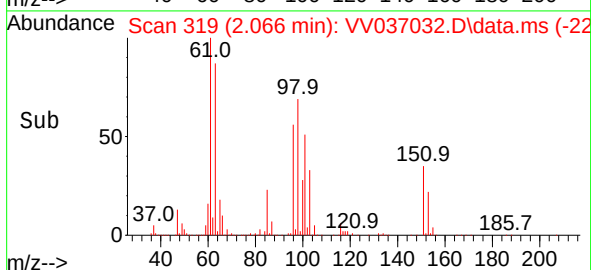
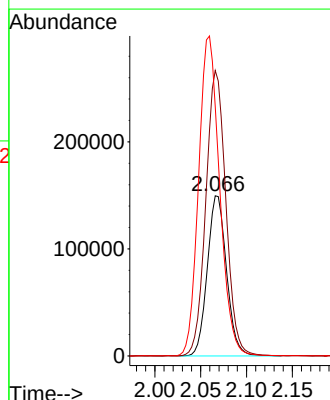
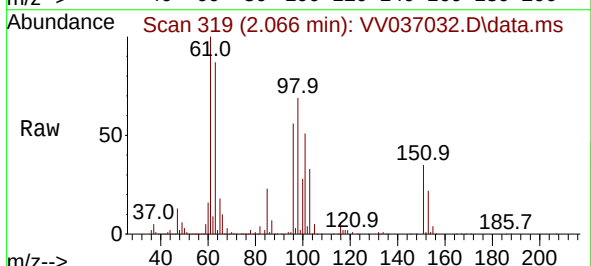
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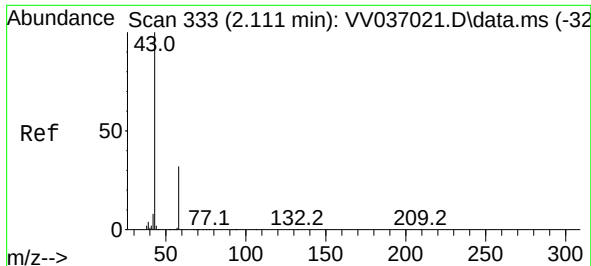
Tgt Ion:101 Resp: 228440
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.6 53.4
 151 67.6 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 50.729 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV037032.D
 Acq: 26 Aug 2024 17:01

Tgt Ion: 96 Resp: 218279
 Ion Ratio Lower Upper
 96 100
 61 178.3 123.8 229.8
 63 155.8 96.5 179.1

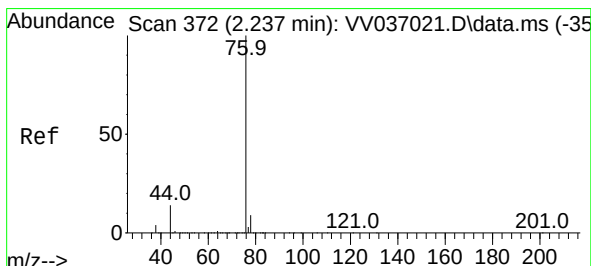
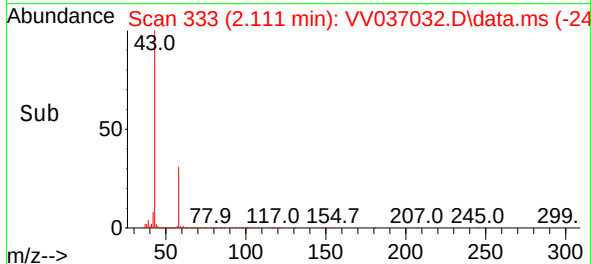
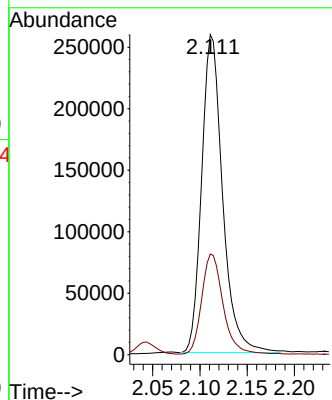
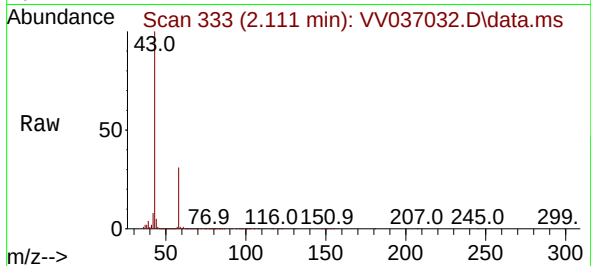




#13
Acetone
Concen: 159.240 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

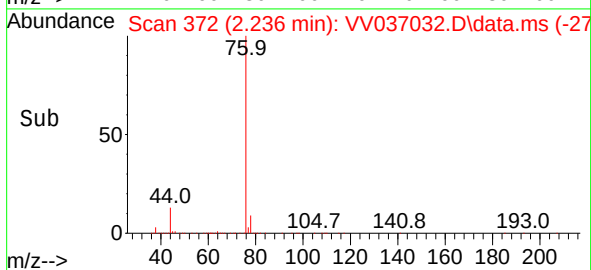
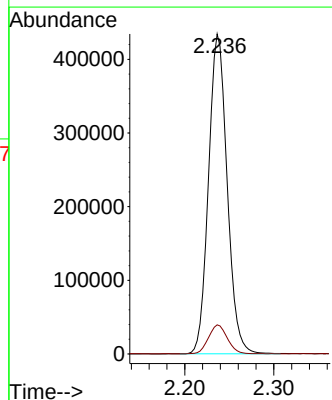
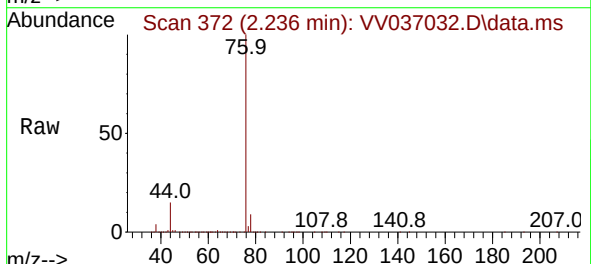
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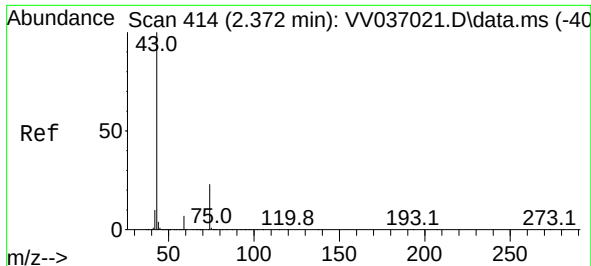
Tgt Ion: 43 Resp: 398999
Ion Ratio Lower Upper
43 100
58 31.8 0.0 64.8



#14
Carbon disulfide
Concen: 48.179 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Tgt Ion: 76 Resp: 629333
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

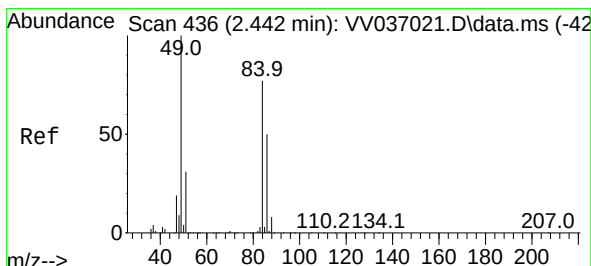
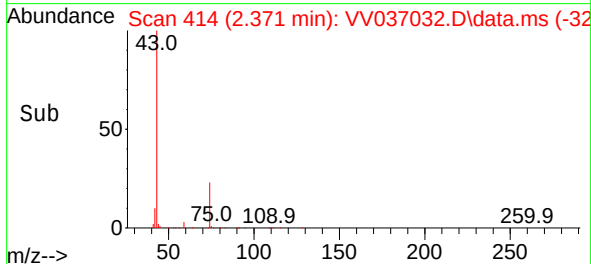
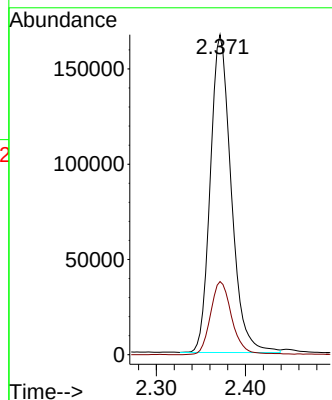
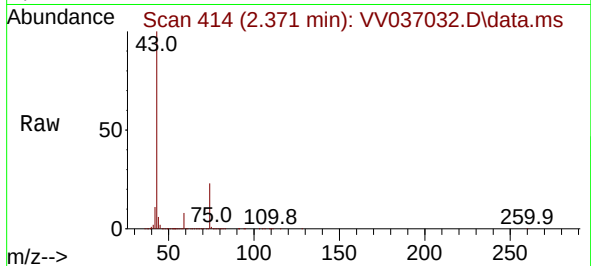




#15
Methyl Acetate
Concen: 64.624 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

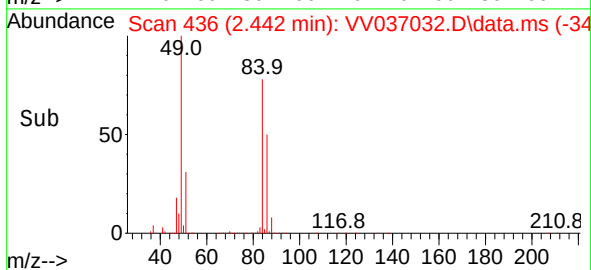
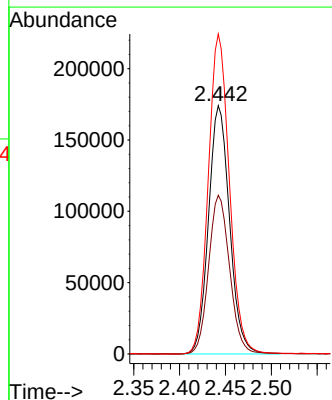
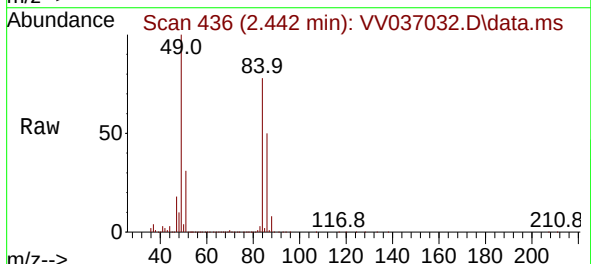
Instrument :
MSVOA_V
ClientSampleId :

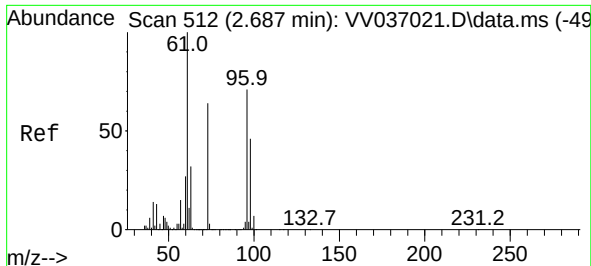
Tgt Ion: 43 Resp: 271468
Ion Ratio Lower Upper
43 100
74 23.4 18.4 27.6



#16
Methylene chloride
Concen: 57.147 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Tgt Ion: 84 Resp: 277435
Ion Ratio Lower Upper
84 100
86 63.9 44.7 82.9
49 128.9 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 51.726 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

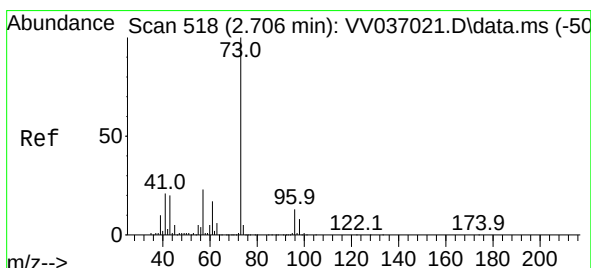
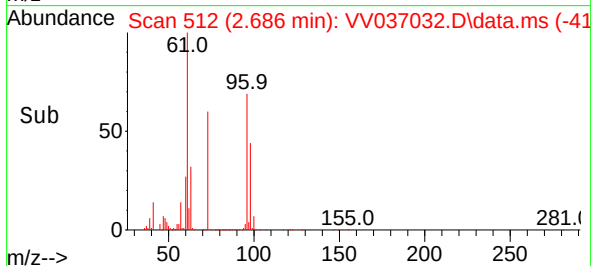
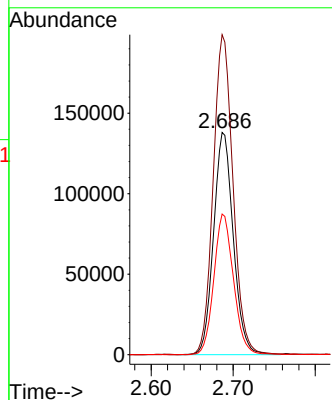
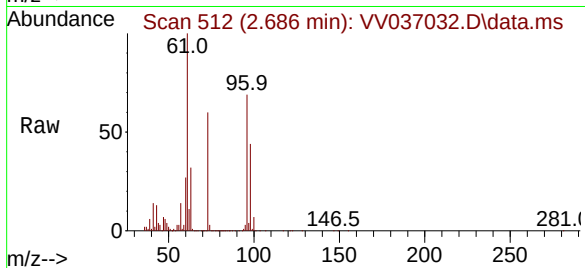
Tgt Ion: 96 Resp: 231053

Ion Ratio Lower Upper

96 100

61 144.0 102.3 189.9

98 63.3 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 57.334 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

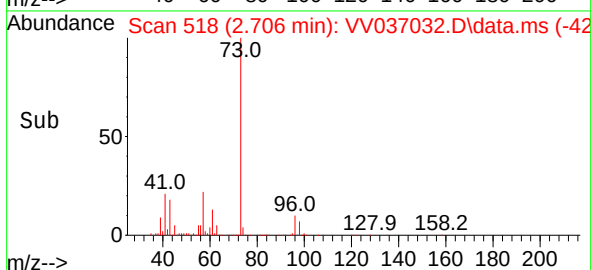
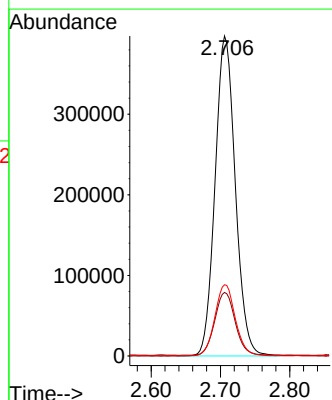
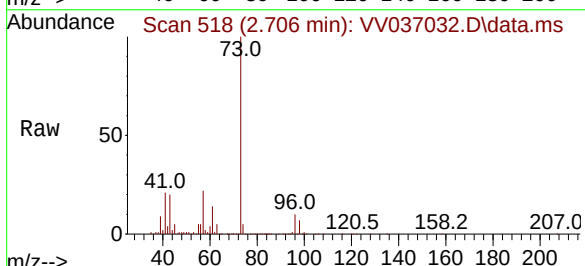
Tgt Ion: 73 Resp: 805625

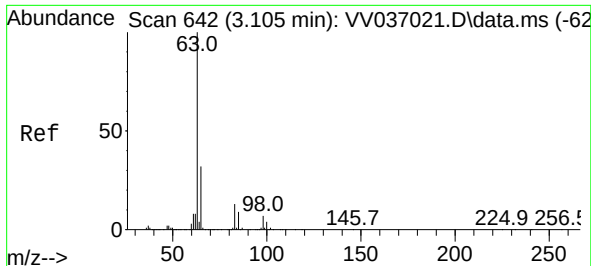
Ion Ratio Lower Upper

73 100

43 19.8 15.8 23.6

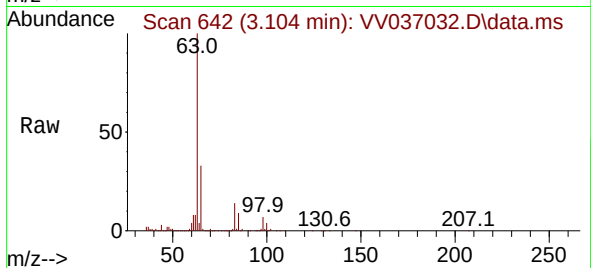
57 22.5 18.1 27.1



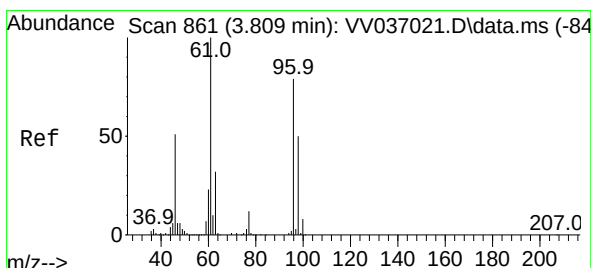
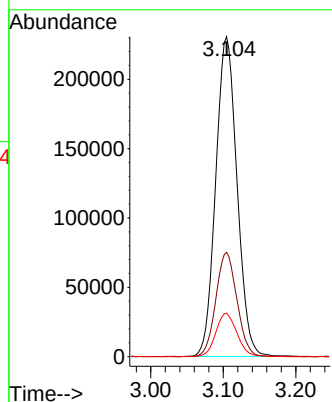
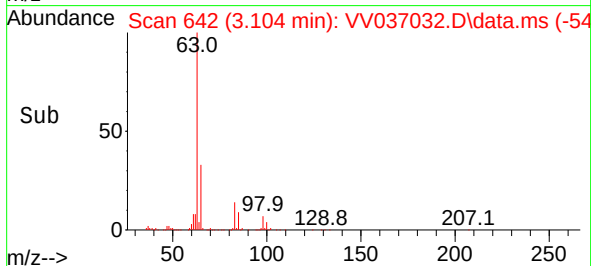


#19
1,1-Dichloroethane
Concen: 53.018 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

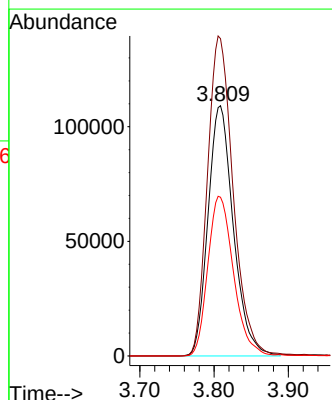
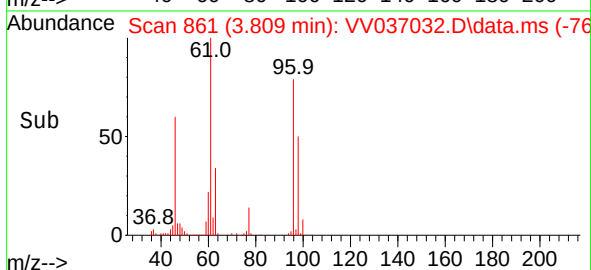
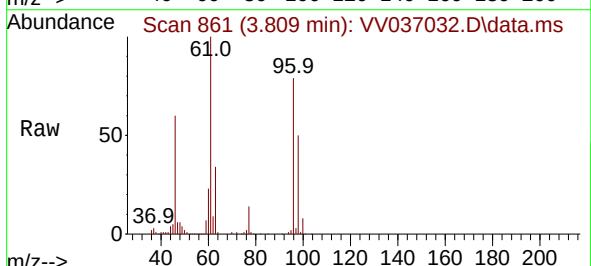


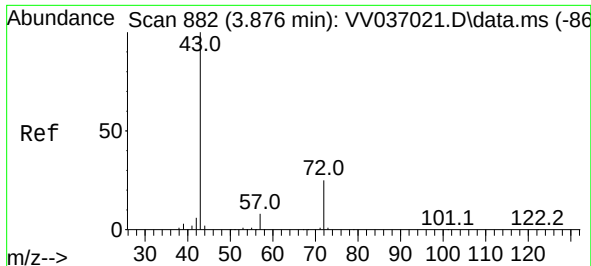
Tgt Ion: 63 Resp: 470310
Ion Ratio Lower Upper
63 100
65 32.6 22.0 41.0
83 13.5 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 52.469 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Tgt Ion: 96 Resp: 258980
Ion Ratio Lower Upper
96 100
61 126.8 89.9 166.9
98 63.5 44.8 83.2

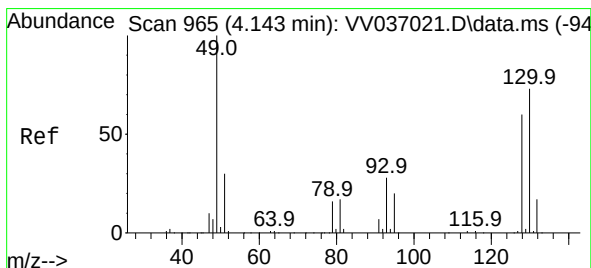
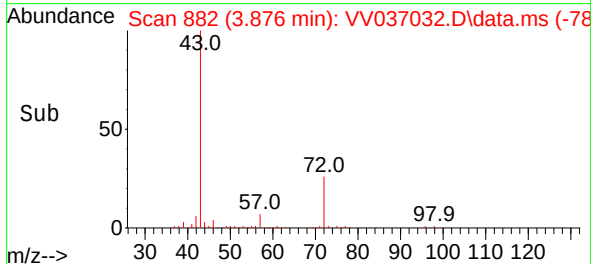
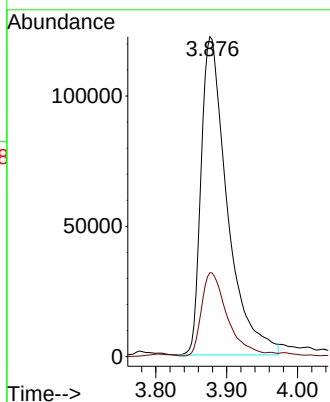
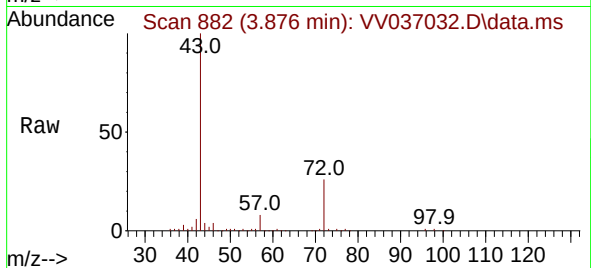




#22
2-Butanone
Concen: 113.449 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

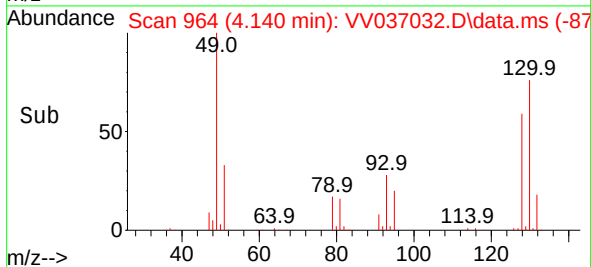
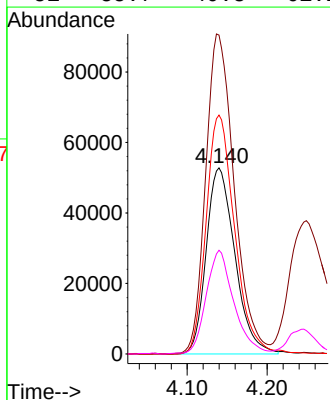
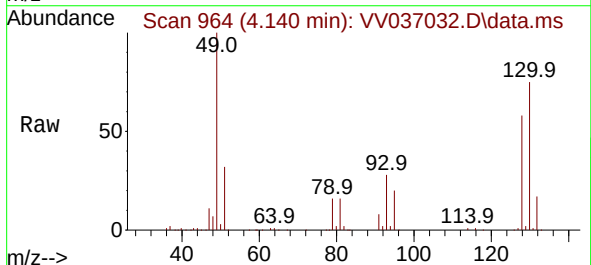
Instrument :
MSVOA_V
ClientSampleId :

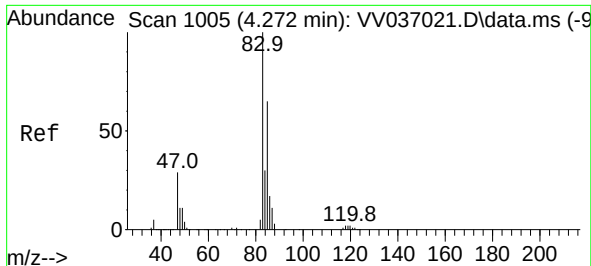
Tgt Ion: 43 Resp: 312978
Ion Ratio Lower Upper
43 100
72 25.6 12.7 38.0



#23
Bromochloromethane
Concen: 54.410 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Tgt Ion:128 Resp: 131832
Ion Ratio Lower Upper
128 100
49 171.4 117.2 217.6
130 128.3 87.6 162.8
51 55.7 40.8 61.2





#25

Chloroform

Concen: 52.418 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

MSVOA_V

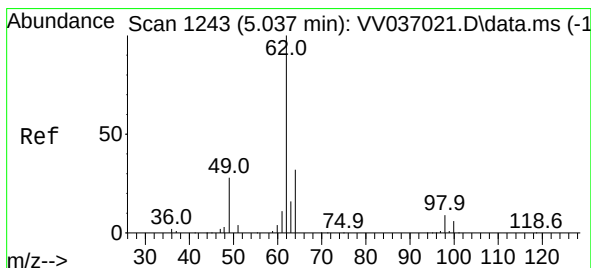
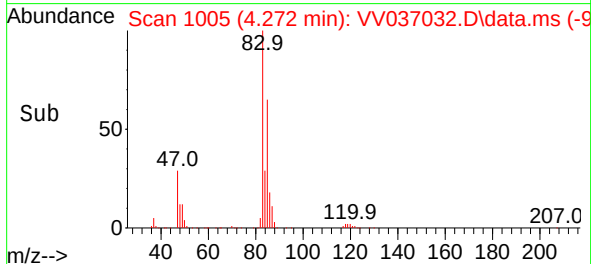
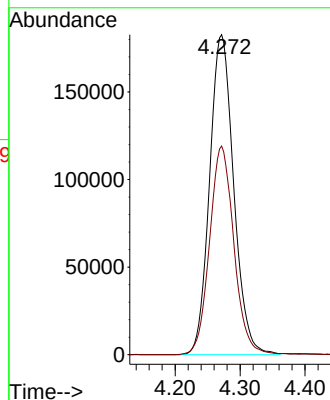
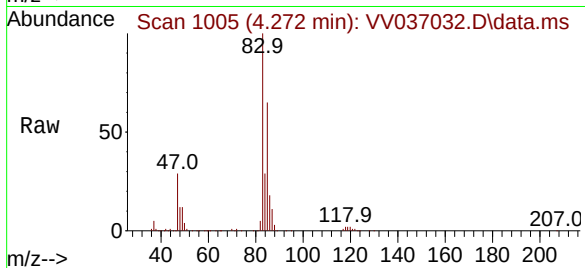
ClientSampleId :

Tgt Ion: 83 Resp: 470922

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 53.758 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV037032.D

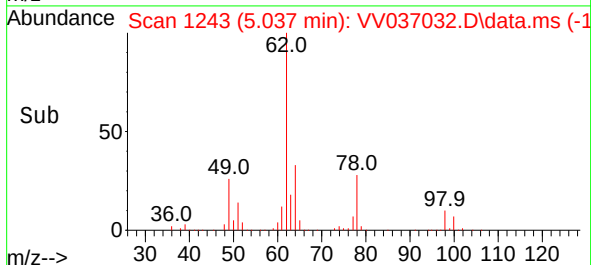
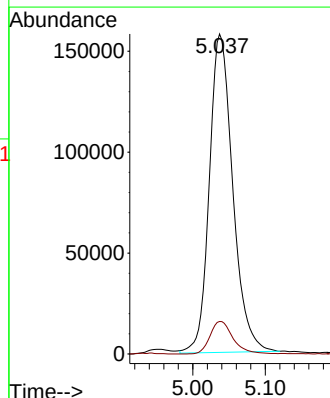
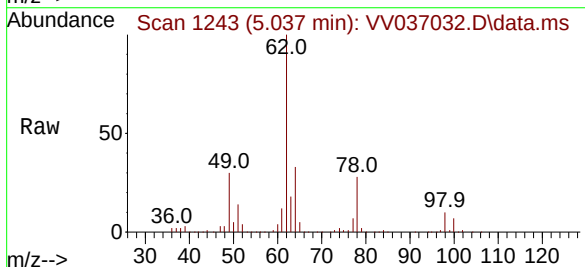
Acq: 26 Aug 2024 17:01

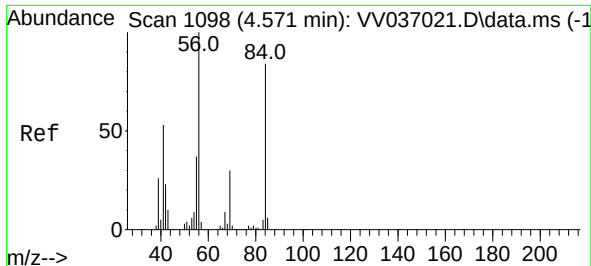
Tgt Ion: 62 Resp: 354272

Ion Ratio Lower Upper

62 100

98 10.1 8.0 12.0





#29

Cyclohexane

Concen: 50.141 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

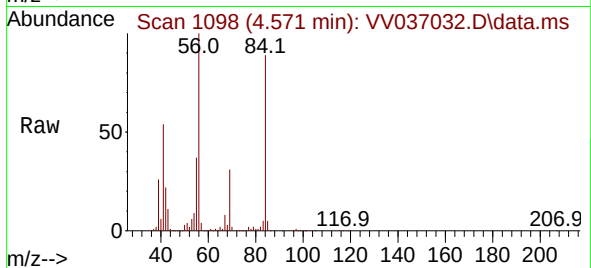
Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :



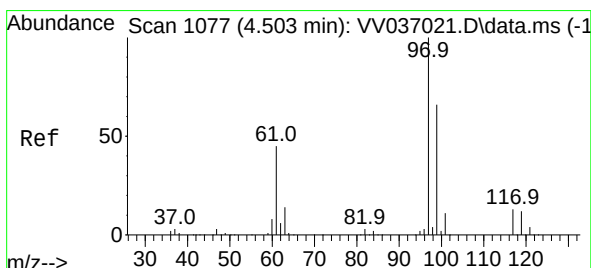
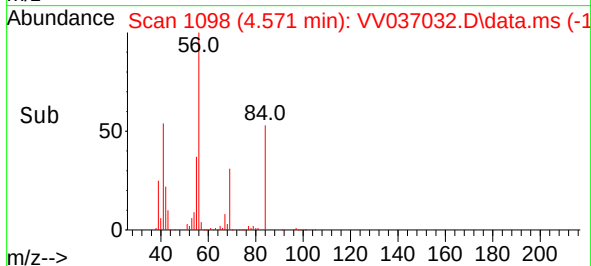
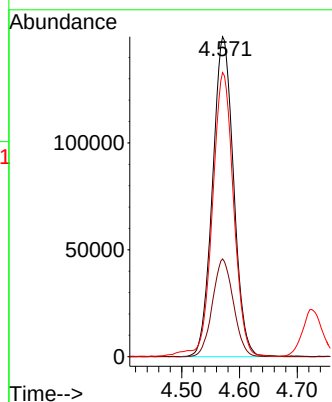
Tgt Ion: 56 Resp: 378779

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.4

84 87.8 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 51.365 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

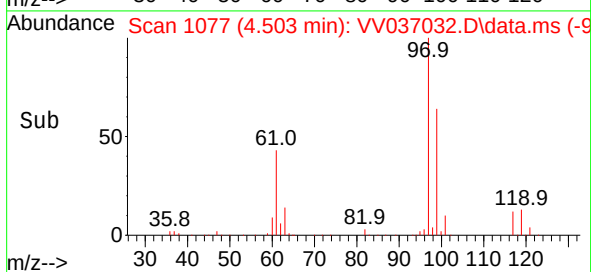
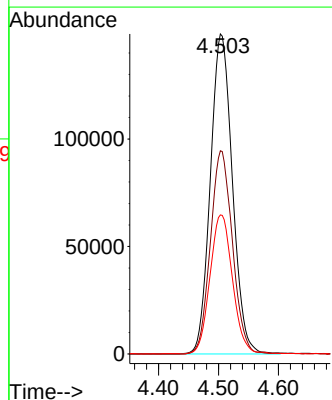
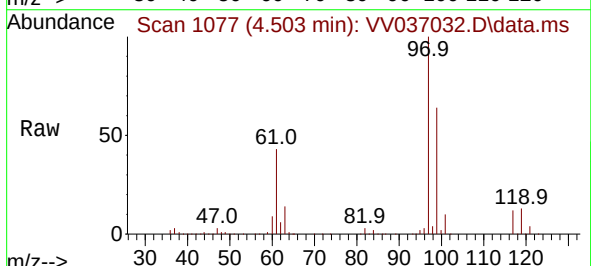
Tgt Ion: 97 Resp: 379727

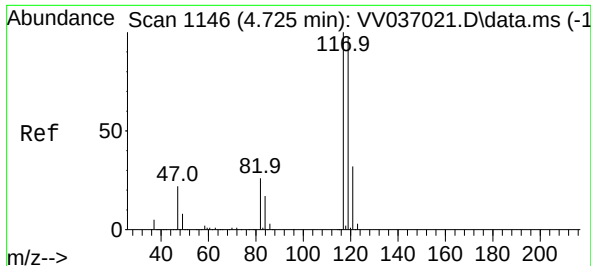
Ion Ratio Lower Upper

97 100

99 63.4 51.6 77.4

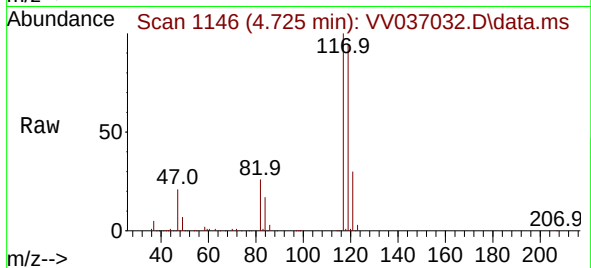
61 44.5 35.8 53.6



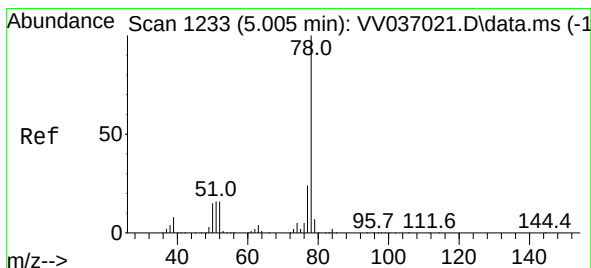
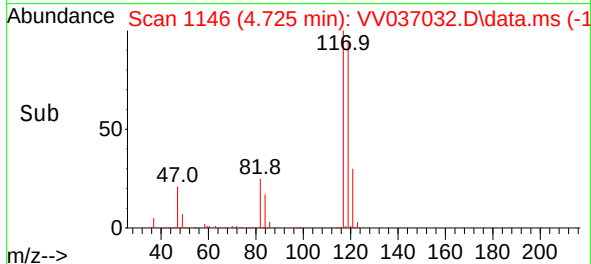
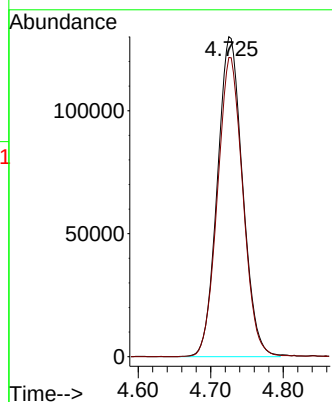


#31
Carbon tetrachloride
Concen: 50.461 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

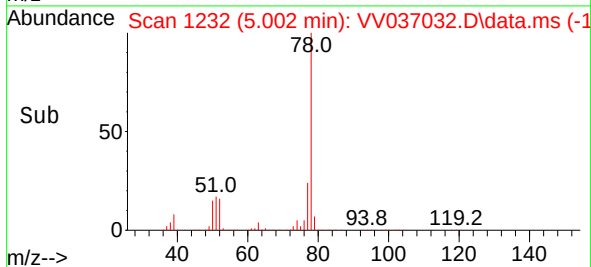
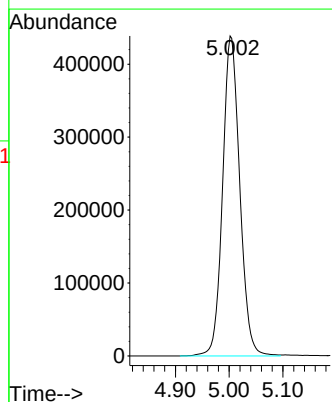
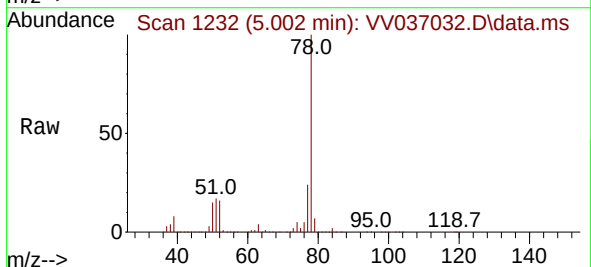


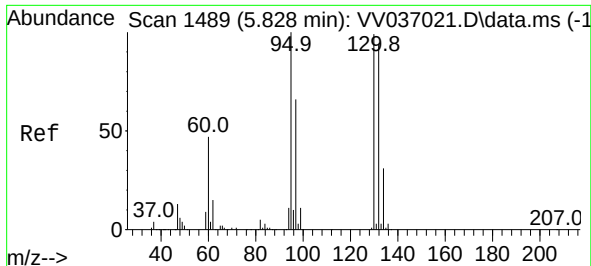
Tgt Ion:117 Resp: 314777
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.6



#33
Benzene
Concen: 52.395 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

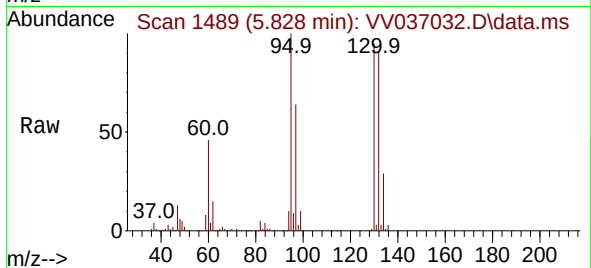
Tgt Ion: 78 Resp: 971504



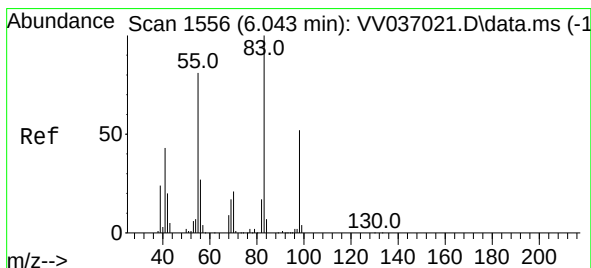
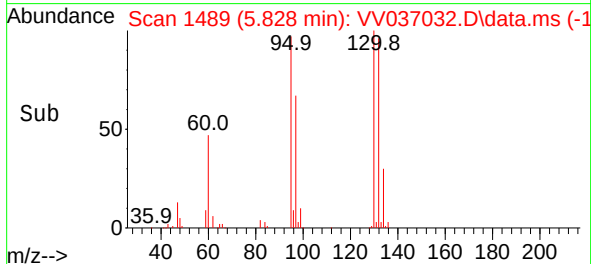
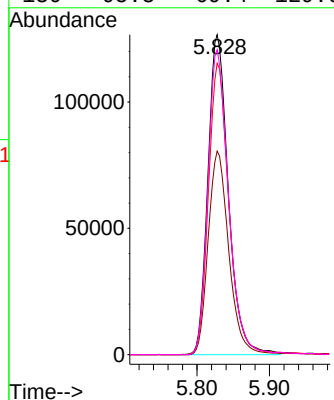


#34
Trichloroethene
Concen: 50.915 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

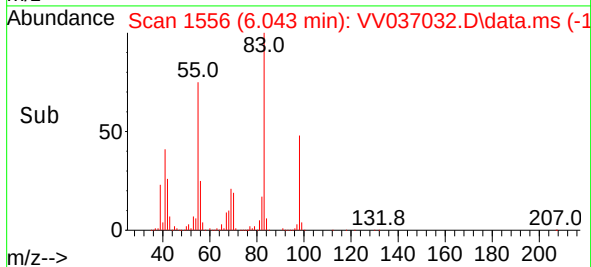
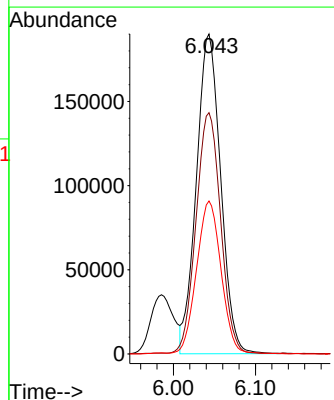
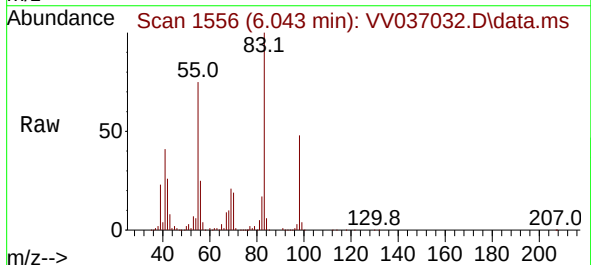


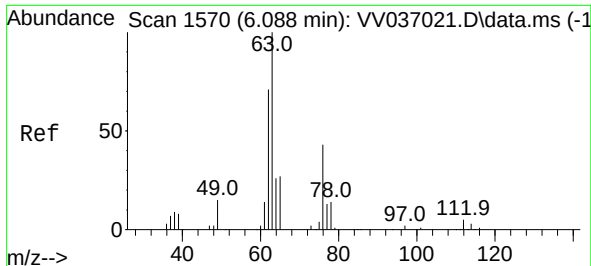
Tgt Ion: 95 Resp: 249177
Ion Ratio Lower Upper
95 100
97 63.6 44.4 82.5
132 91.0 64.9 120.5
130 95.3 69.4 129.0



#35
Methylcyclohexane
Concen: 49.145 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Tgt Ion: 83 Resp: 390772
Ion Ratio Lower Upper
83 100
55 76.1 61.2 91.8
98 48.5 39.3 58.9

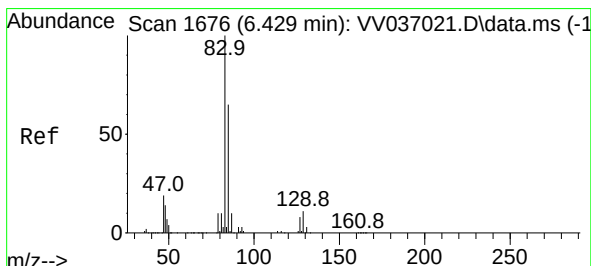
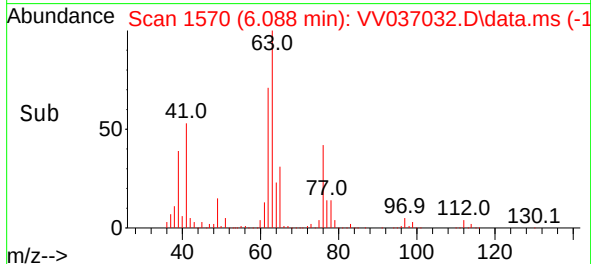
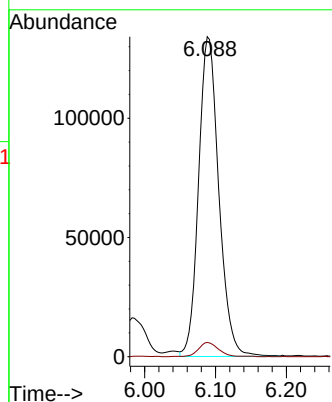
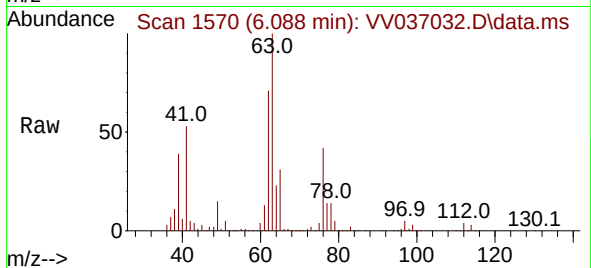




#37
1,2-Dichloropropane
Concen: 53.532 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

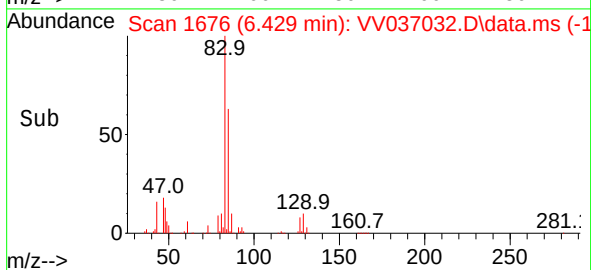
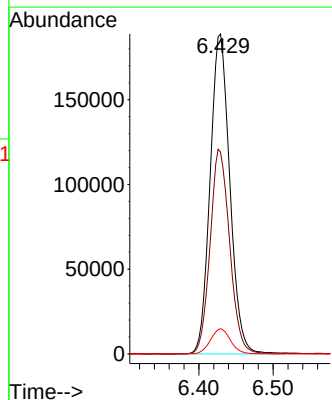
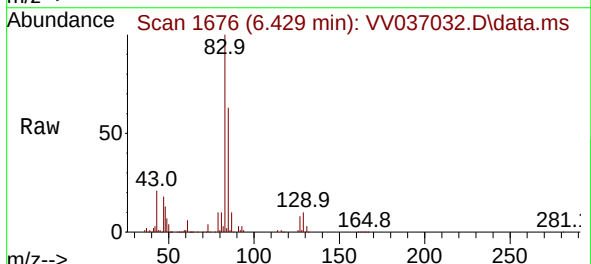
Instrument :
MSVOA_V
ClientSampleId :

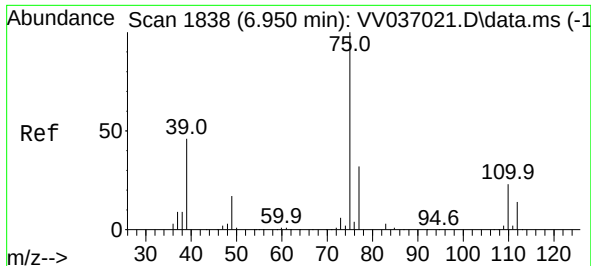
Tgt Ion: 63 Resp: 266100
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3



#38
Bromodichloromethane
Concen: 54.479 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Tgt Ion: 83 Resp: 347095
Ion Ratio Lower Upper
83 100
85 63.1 44.5 82.7
127 7.9 6.1 9.1

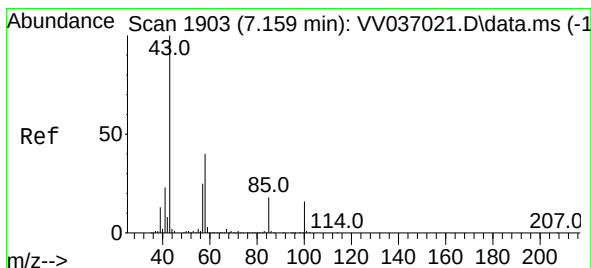
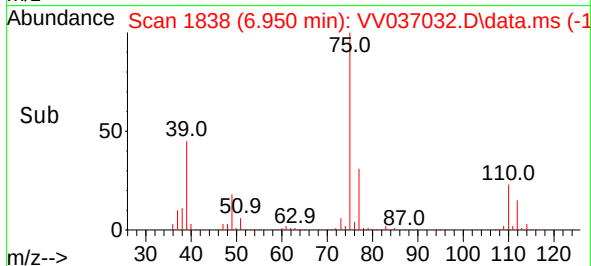
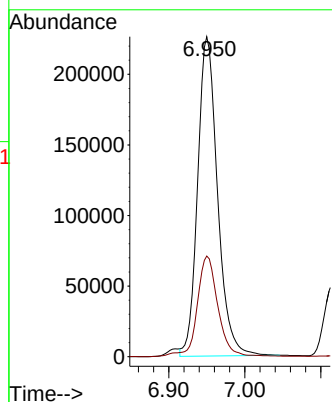
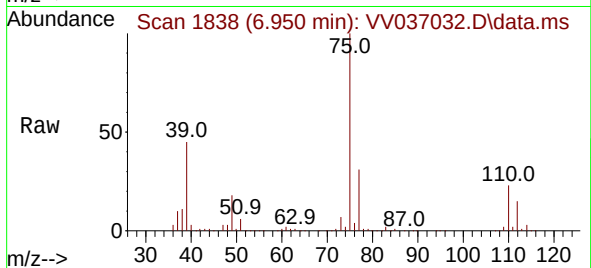




#39
 cis-1,3-Dichloropropene
 Concen: 52.410 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV037032.D
 Acq: 26 Aug 2024 17:01

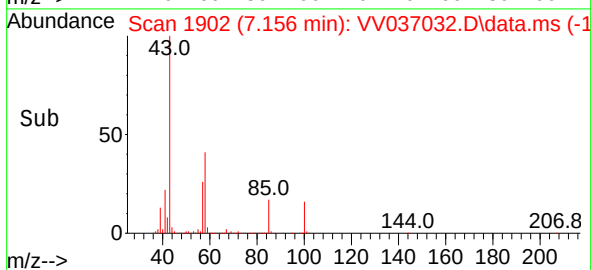
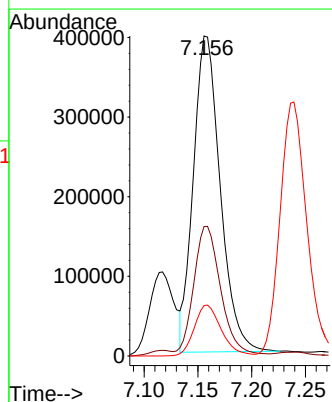
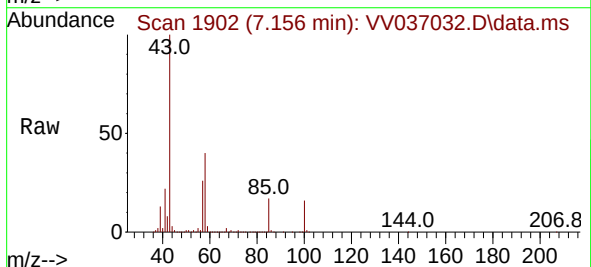
Instrument :
 MSVOA_V
 ClientSampleId :

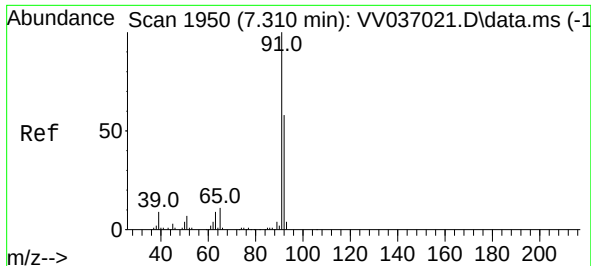
Tgt Ion: 75 Resp: 411134
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 136.429 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. -0.003 min
 Lab File: VV037032.D
 Acq: 26 Aug 2024 17:01

Tgt Ion: 43 Resp: 689463
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.0 48.0
 100 16.3 12.4 18.6





#42

Toluene

Concen: 52.486 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

MSVOA_V

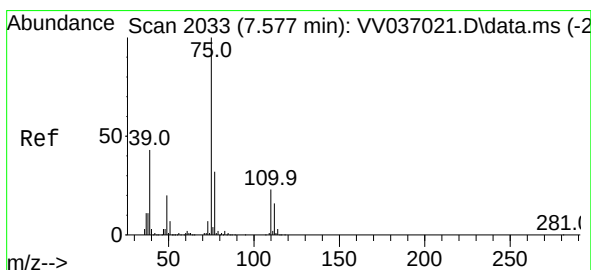
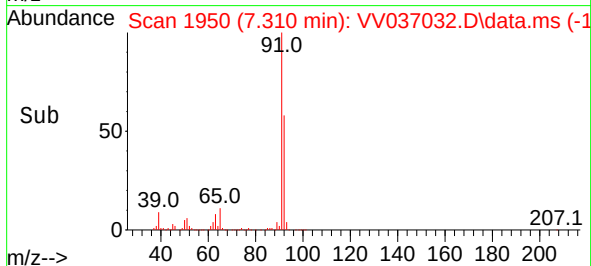
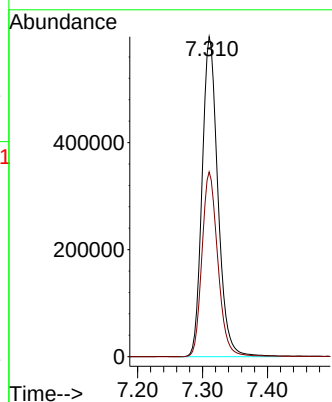
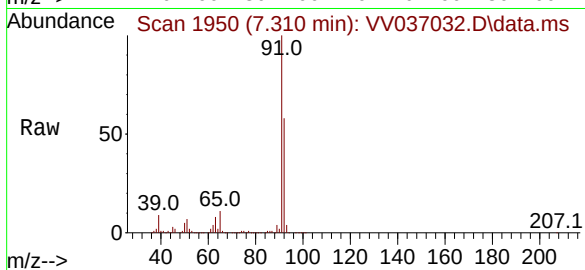
ClientSampleId :

Tgt Ion: 91 Resp: 1013269

Ion Ratio Lower Upper

91 100

92 57.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 54.540 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV037032.D

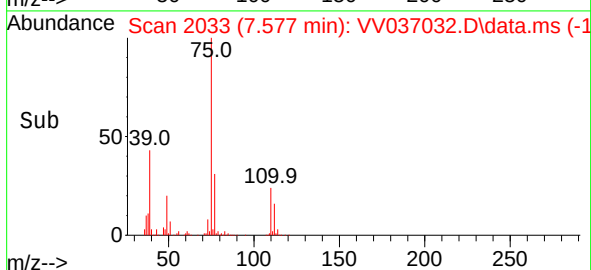
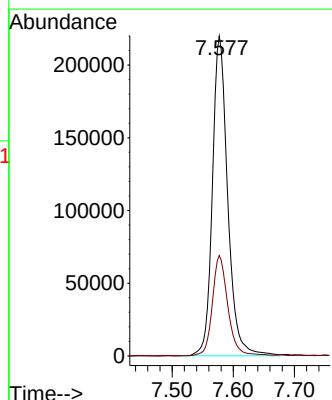
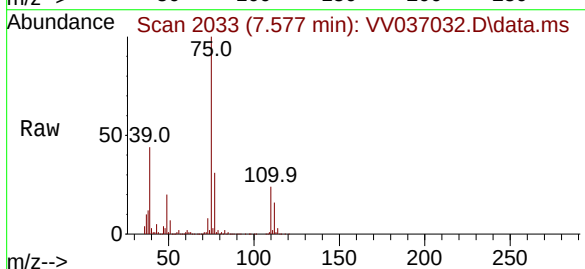
Acq: 26 Aug 2024 17:01

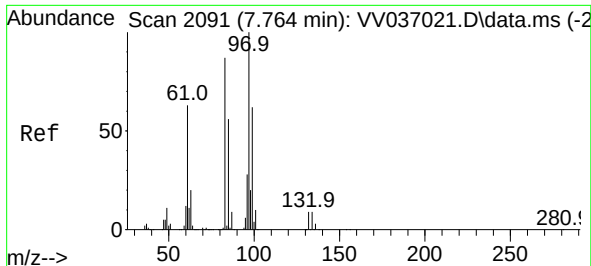
Tgt Ion: 75 Resp: 382415

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 55.595 ug/L

RT: 7.763 min Scan# 2091

Delta R.T. -0.000 min

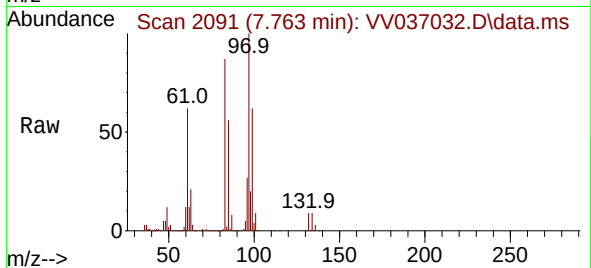
Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 257258

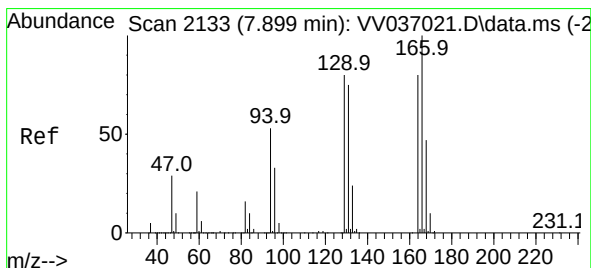
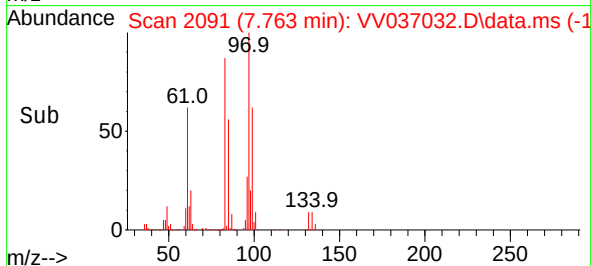
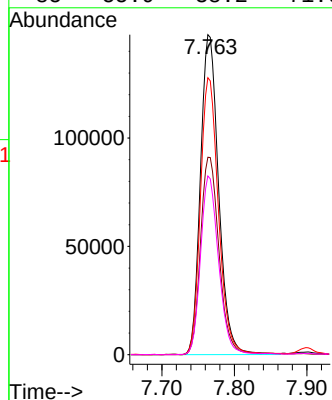
Ion Ratio Lower Upper

97 100

99 61.7 42.6 79.0

83 86.6 60.5 112.3

85 55.9 38.2 71.0



#46

Tetrachloroethene

Concen: 49.849 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Tgt Ion: 164 Resp: 175042

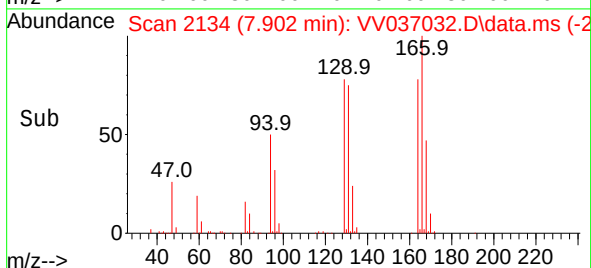
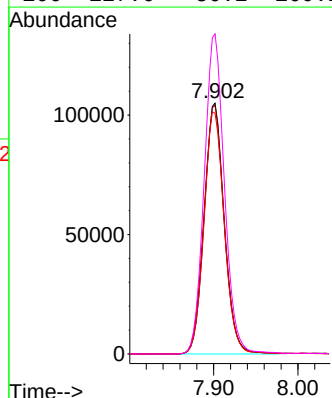
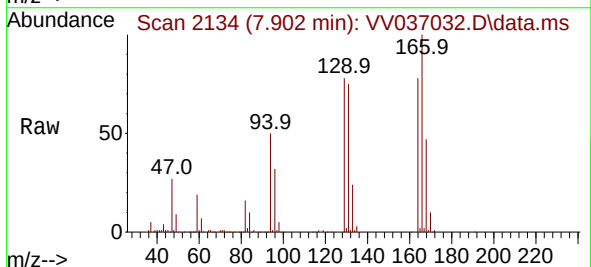
Ion Ratio Lower Upper

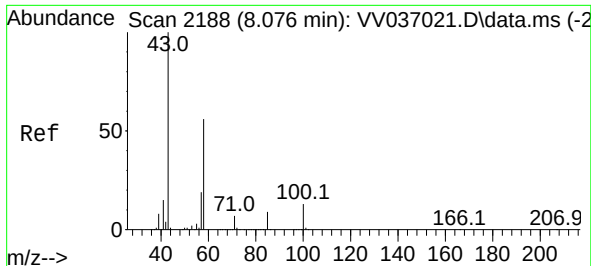
164 100

129 99.1 67.1 124.7

131 96.0 67.0 124.4

166 127.6 86.2 160.2





#48

2-Hexanone

Concen: 124.819 ug/L

RT: 8.075 min Scan# 2188

Delta R.T. -0.000 min

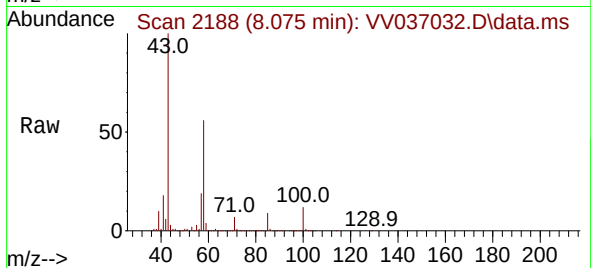
Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

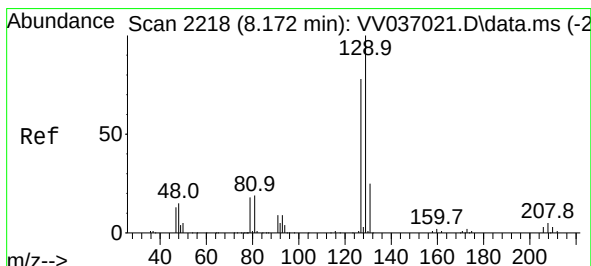
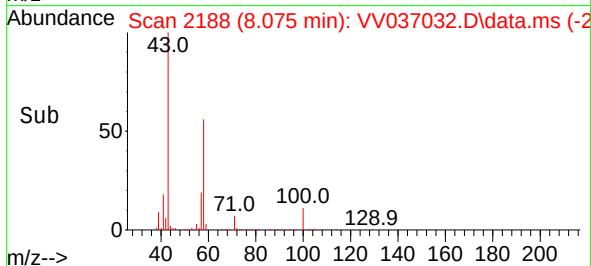
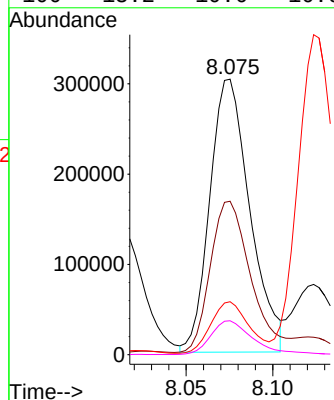
MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 487843

Ion	Ratio	Lower	Upper
43	100		
58	55.8	46.0	69.0
57	18.7	15.6	23.4
100	13.2	10.6	16.0



#49

Dibromochloromethane

Concen: 53.544 ug/L

RT: 8.172 min Scan# 2218

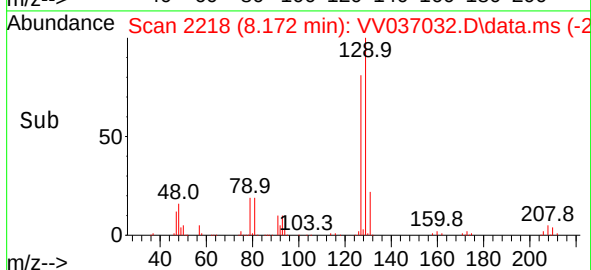
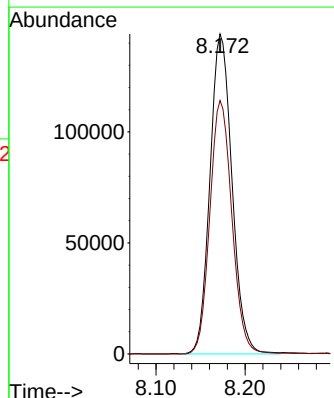
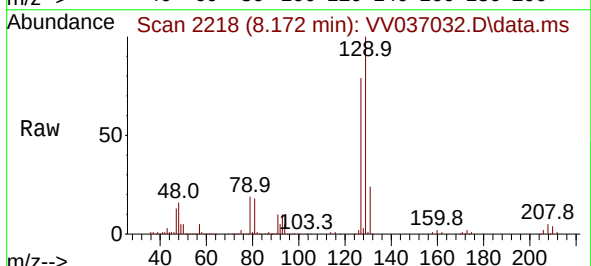
Delta R.T. -0.000 min

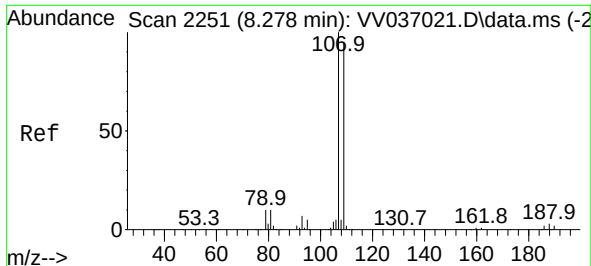
Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Tgt Ion:129 Resp: 248093

Ion	Ratio	Lower	Upper
129	100		
127	79.2	54.7	101.7

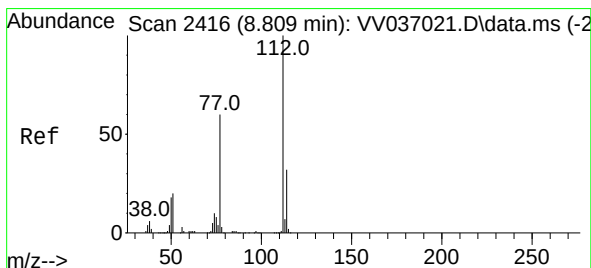
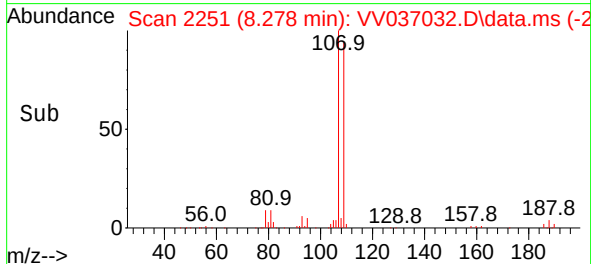
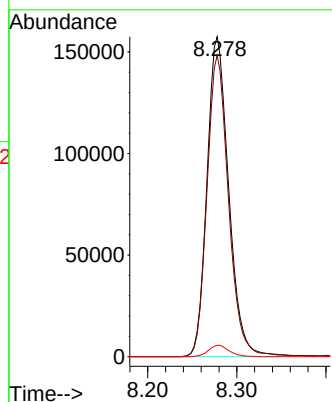
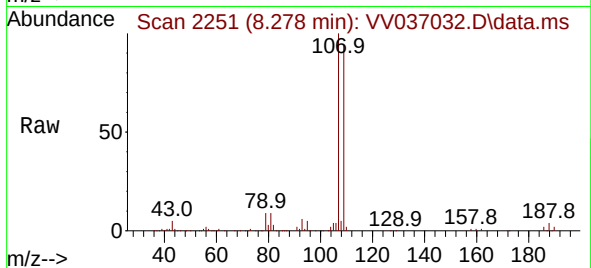




#50
1,2-Dibromoethane
Concen: 56.793 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

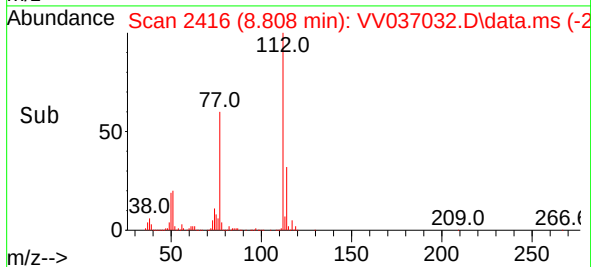
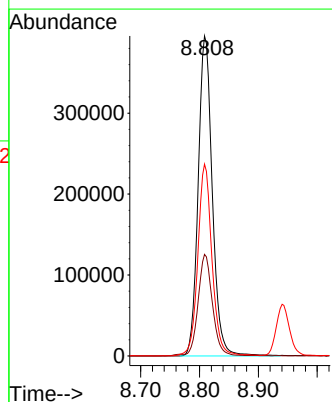
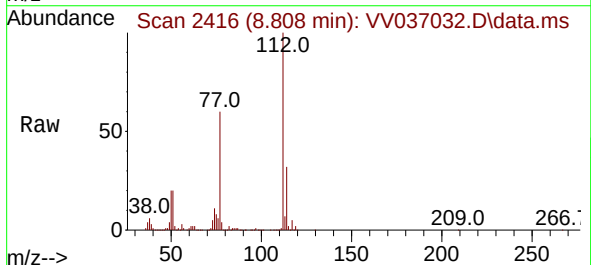
Instrument :
MSVOA_V
ClientSampleId :

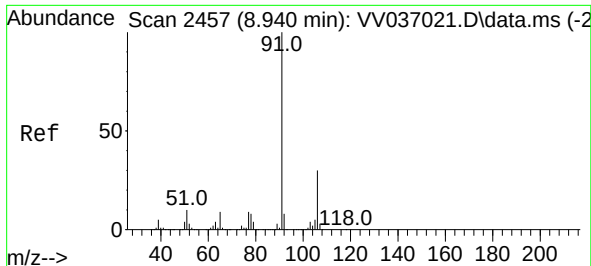
Tgt Ion:107 Resp: 265931
Ion Ratio Lower Upper
107 100
109 94.2 66.6 123.6
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 51.614 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Tgt Ion:112 Resp: 659678
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 59.9 47.8 71.8

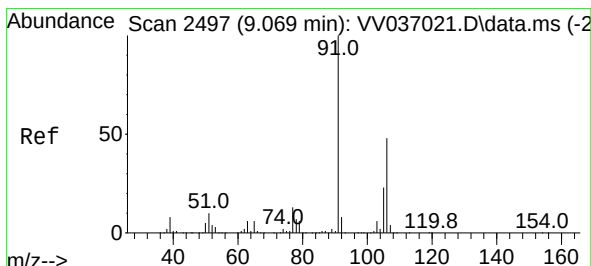
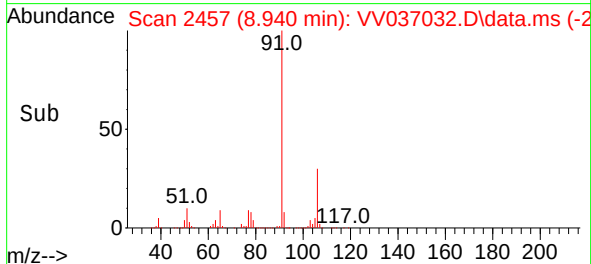
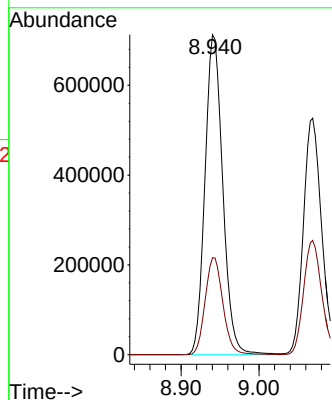
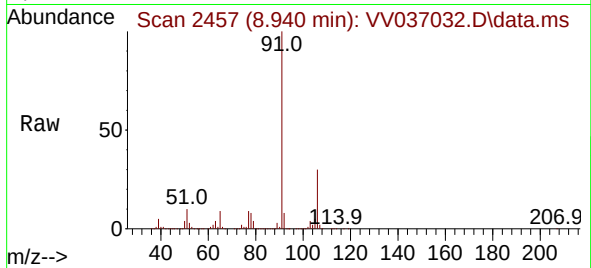




#52
Ethylbenzene
Concen: 51.766 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

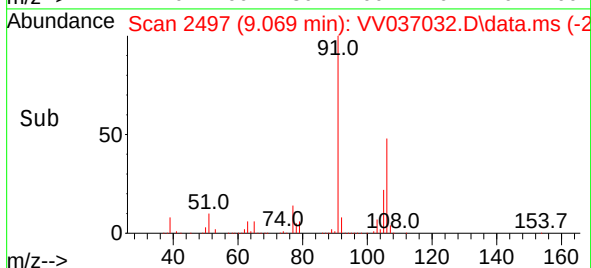
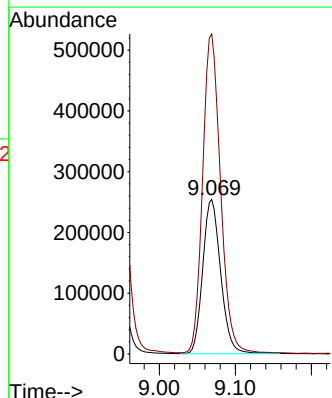
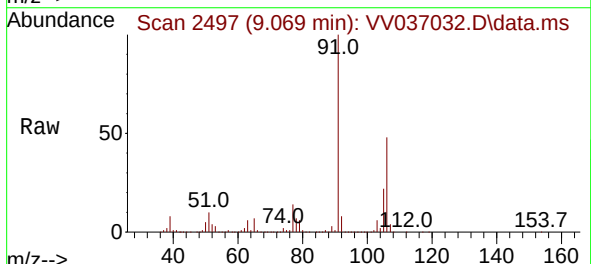
Instrument :
MSVOA_V
ClientSampleId :

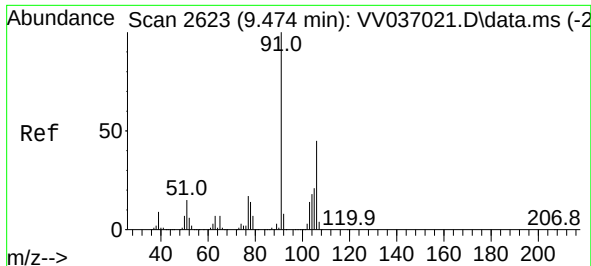
Tgt Ion: 91 Resp: 1128834
Ion Ratio Lower Upper
91 100
106 30.3 21.4 39.8



#53
m,p-Xylene
Concen: 51.524 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Tgt Ion:106 Resp: 416286
Ion Ratio Lower Upper
106 100
91 207.1 143.0 265.6





#54

o-Xylene

Concen: 51.336 ug/L

RT: 9.474 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

MSVOA_V

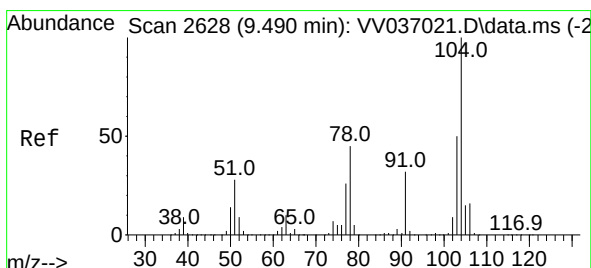
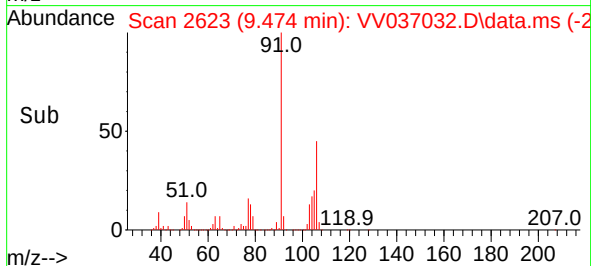
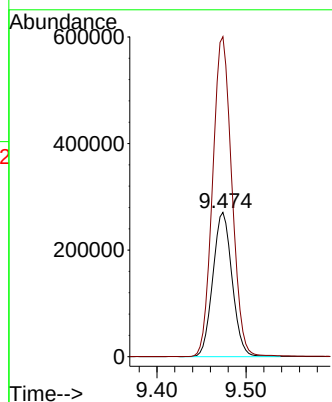
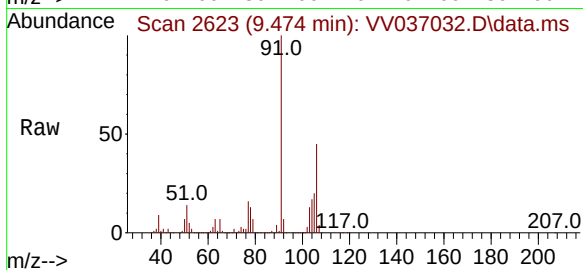
ClientSampleId :

Tgt Ion:106 Resp: 406109

Ion Ratio Lower Upper

106 100

91 221.8 153.2 284.6



#55

Styrene

Concen: 52.844 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.000 min

Lab File: VV037032.D

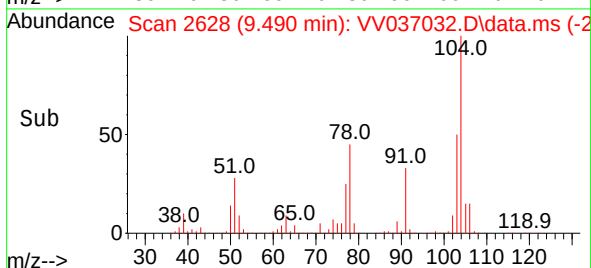
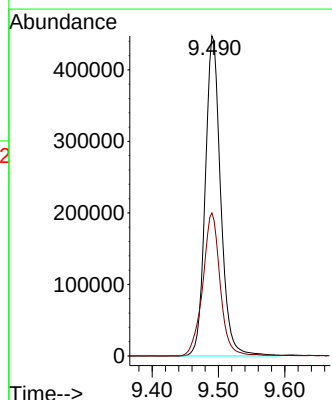
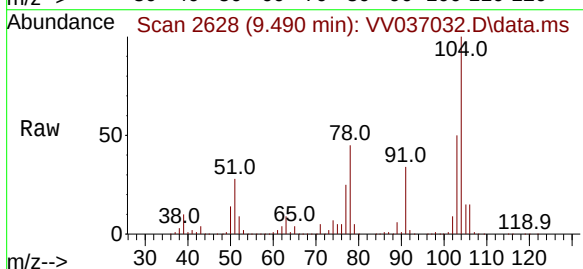
Acq: 26 Aug 2024 17:01

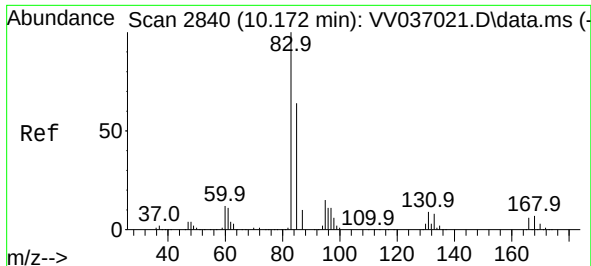
Tgt Ion:104 Resp: 725361

Ion Ratio Lower Upper

104 100

78 44.7 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 58.702 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

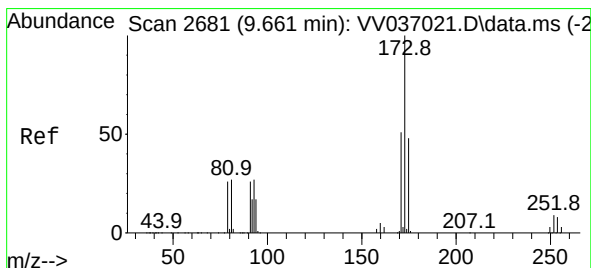
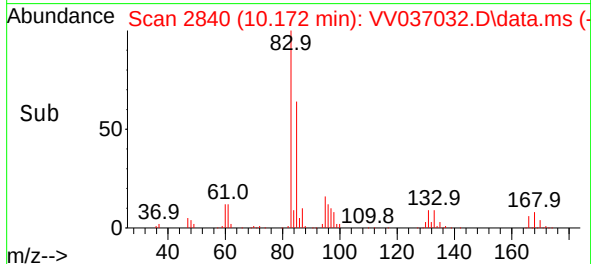
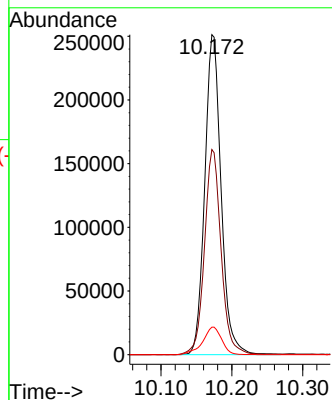
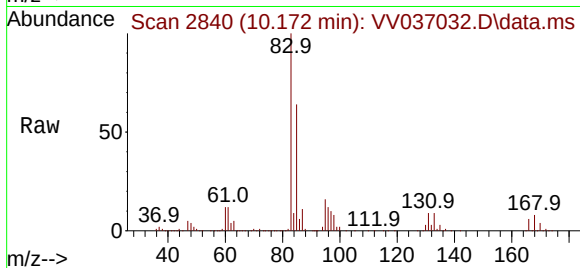
Tgt Ion: 83 Resp: 402308

Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.7

131 8.6 7.4 11.0



#59

Bromoform

Concen: 56.639 ug/L

RT: 9.660 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

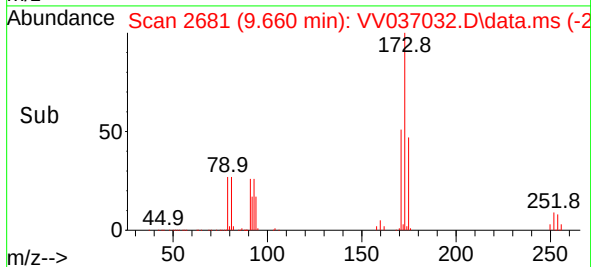
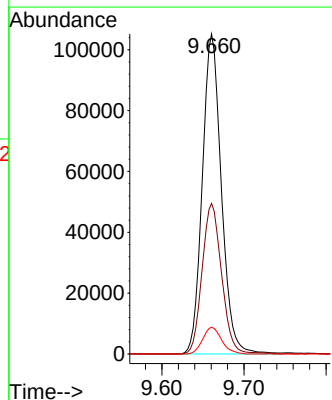
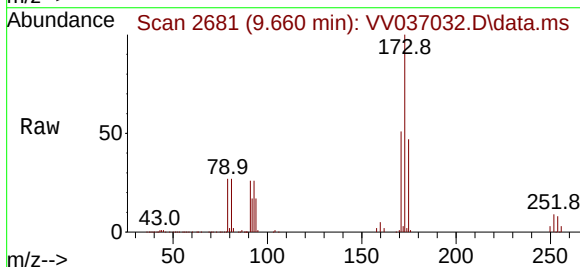
Tgt Ion: 173 Resp: 169557

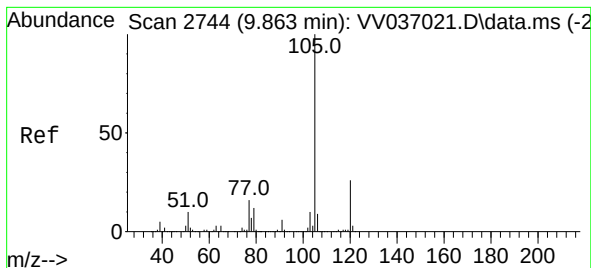
Ion Ratio Lower Upper

173 100

175 48.0 38.7 58.1

254 8.3 6.8 10.2





#60

Isopropylbenzene

Concen: 52.782 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

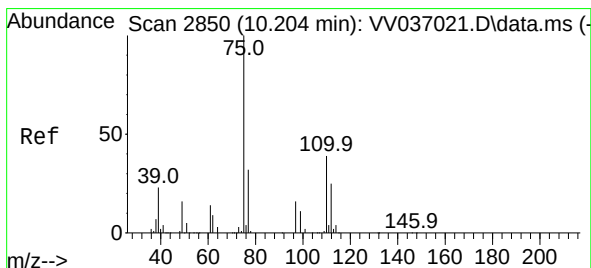
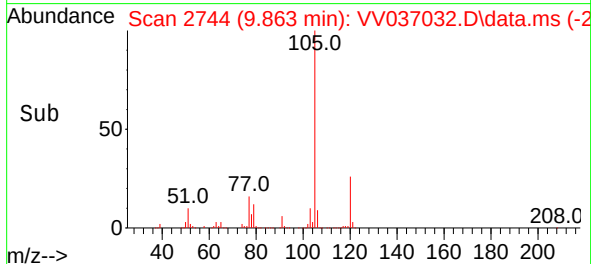
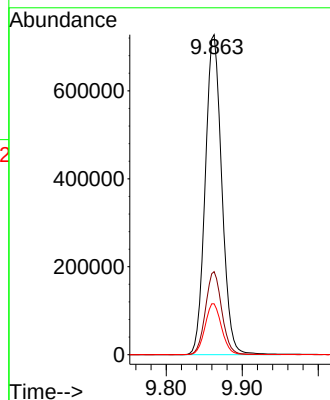
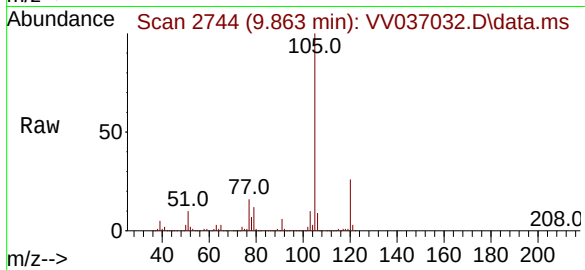
Tgt Ion:105 Resp: 1100069

Ion Ratio Lower Upper

105 100

120 25.6 20.9 31.3

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 60.143 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

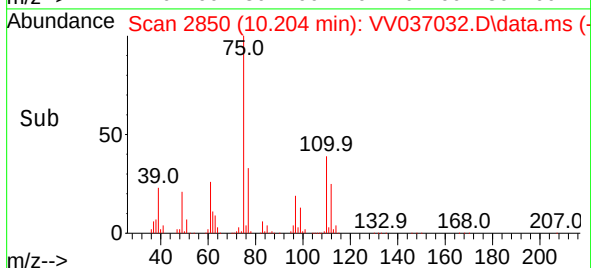
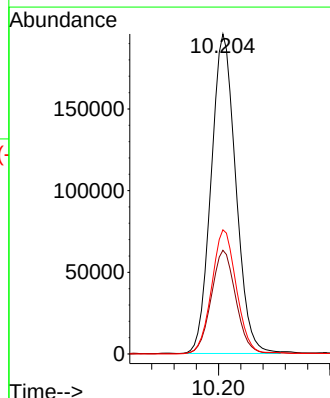
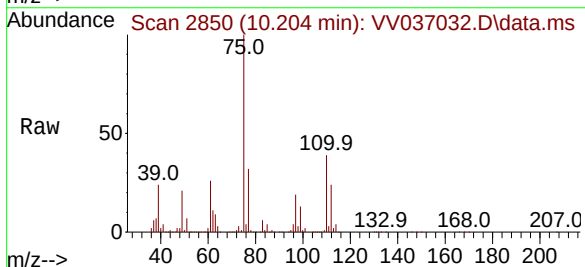
Tgt Ion: 75 Resp: 300784

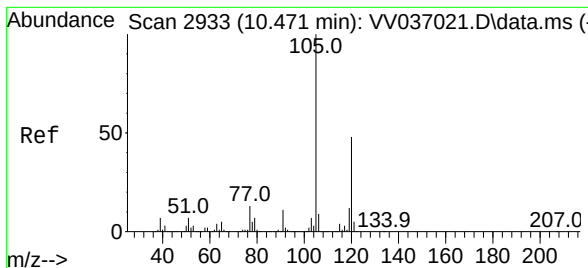
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

110 39.3 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 53.100 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min MSVOA_V

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

MSVOA_V

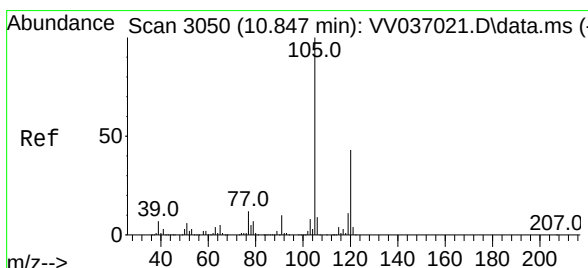
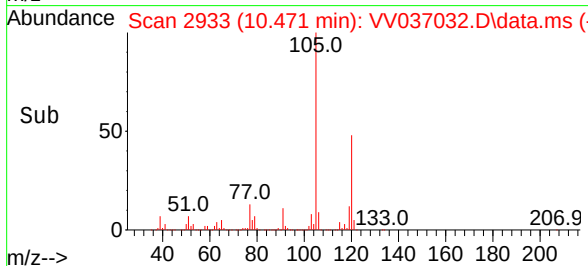
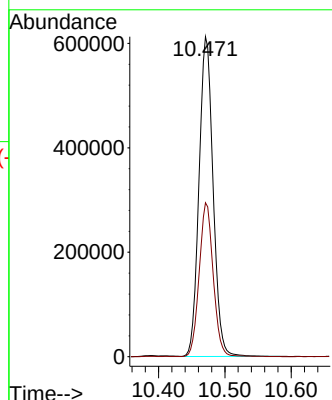
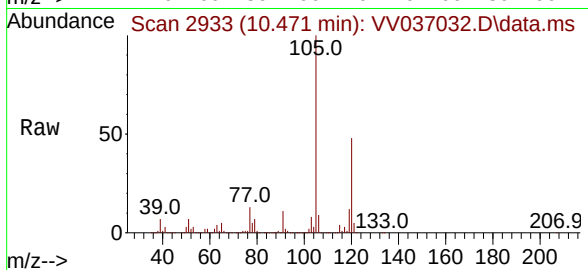
ClientSampleId :

Tgt Ion:105 Resp: 905465

Ion Ratio Lower Upper

105 100

120 47.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 53.142 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV037032.D

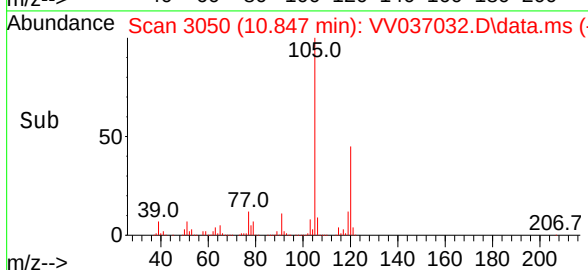
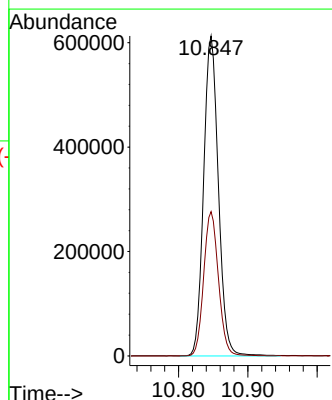
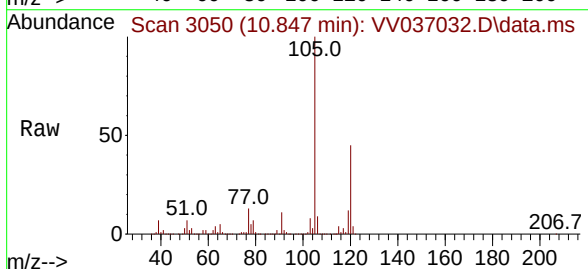
Acq: 26 Aug 2024 17:01

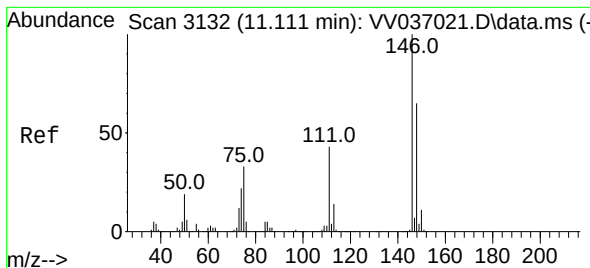
Tgt Ion:105 Resp: 904325

Ion Ratio Lower Upper

105 100

120 45.2 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 50.948 ug/L

RT: 11.114 min Scan# 3132

Delta R.T. 0.003 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

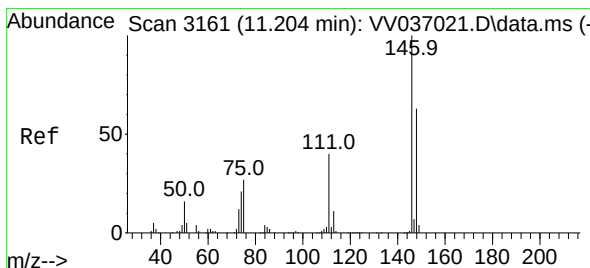
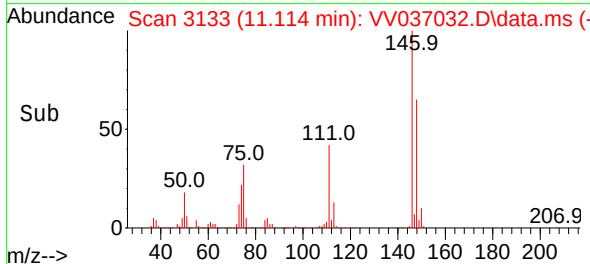
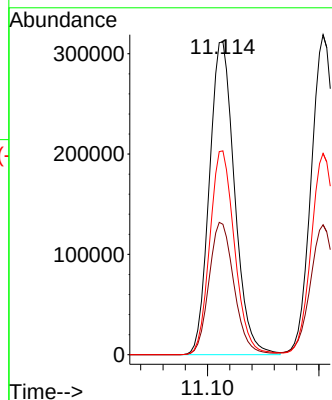
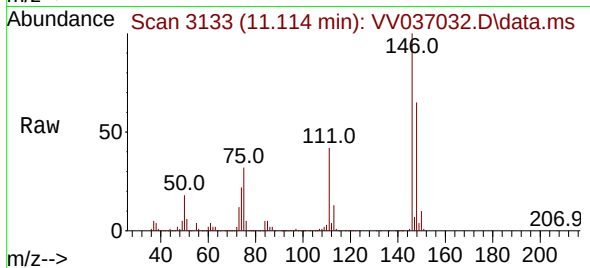
Tgt Ion:146 Resp: 490322

Ion Ratio Lower Upper

146 100

111 41.7 29.7 55.1

148 65.1 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 51.188 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

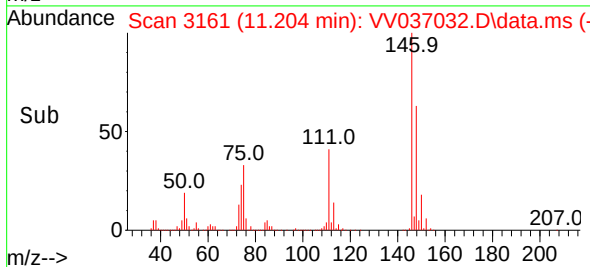
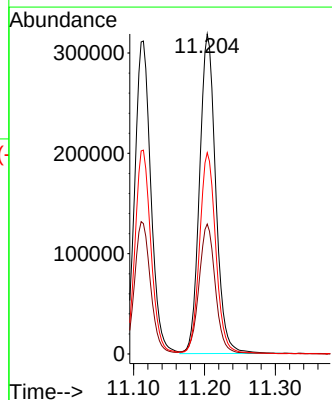
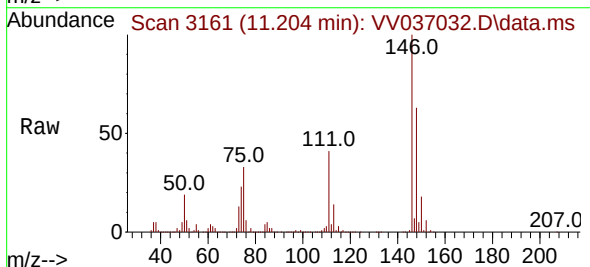
Tgt Ion:146 Resp: 504204

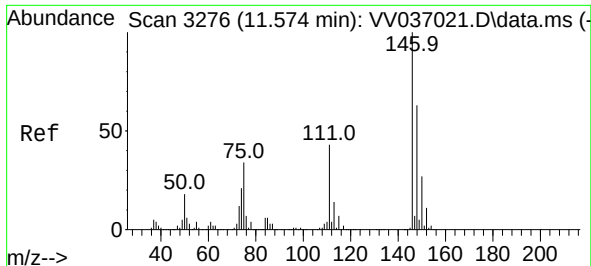
Ion Ratio Lower Upper

146 100

111 40.6 28.1 52.1

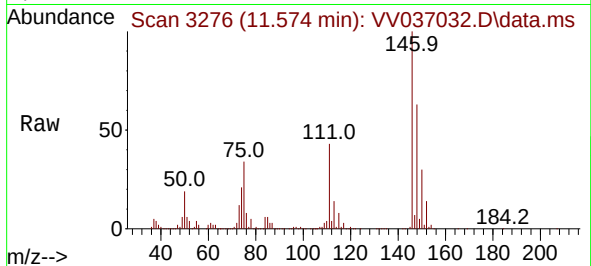
148 62.9 44.2 82.0



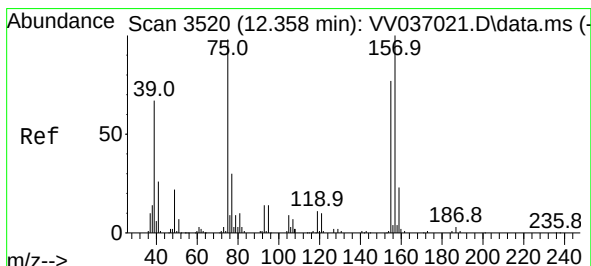
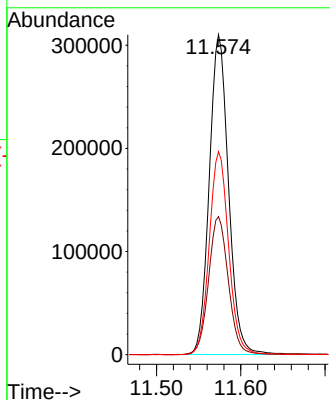
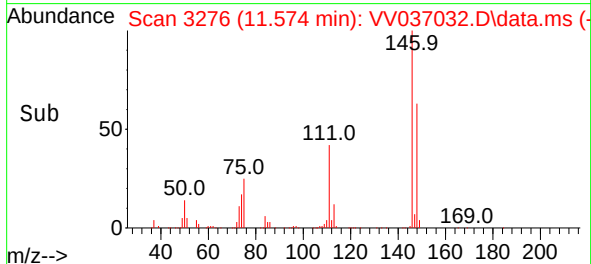


#67
1,2-Dichlorobenzene
Concen: 52.023 ug/L
RT: 11.574 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Instrument :
MSVOA_V
ClientSampleId :

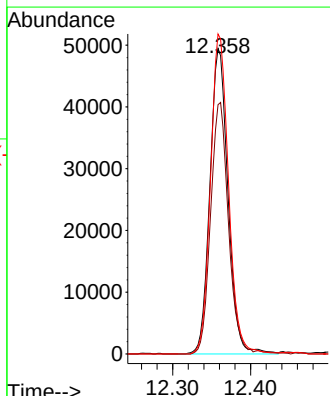
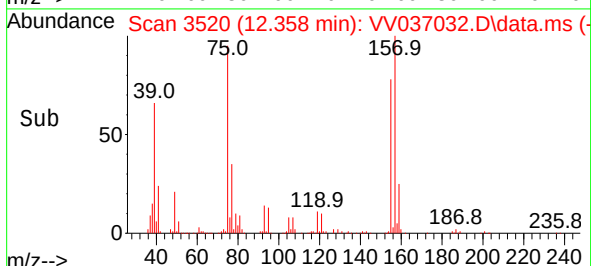
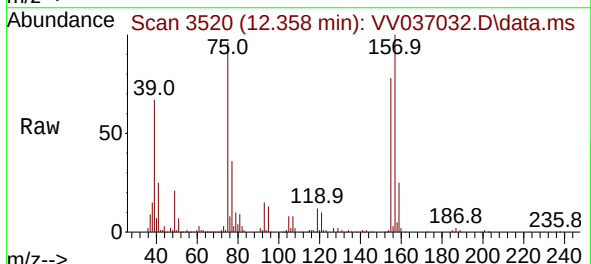


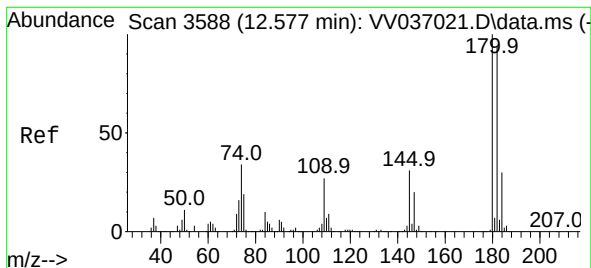
Tgt Ion:146 Resp: 492289
Ion Ratio Lower Upper
146 100
111 43.2 34.6 51.8
148 63.4 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 64.096 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.000 min
Lab File: VV037032.D
Acq: 26 Aug 2024 17:01

Tgt Ion: 75 Resp: 79942
Ion Ratio Lower Upper
75 100
155 81.6 61.8 92.6
157 104.7 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 49.702 ug/L

RT: 12.577 min Scan# 31

Delta R.T. -0.000 min

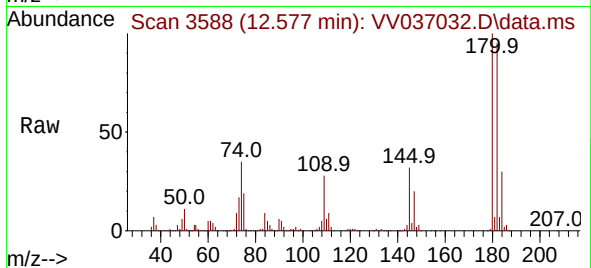
Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 332830

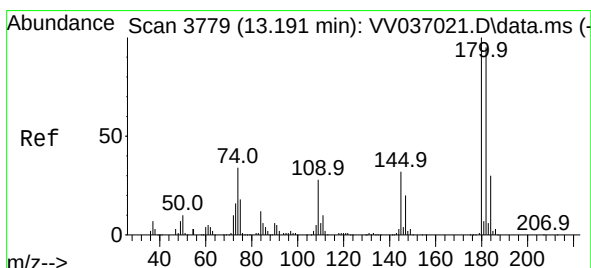
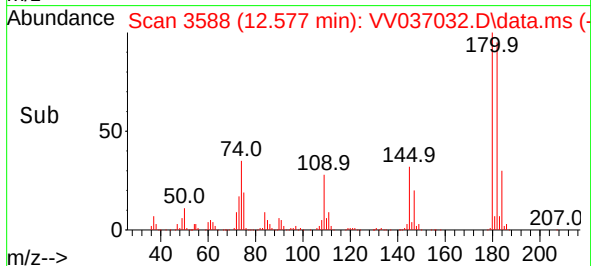
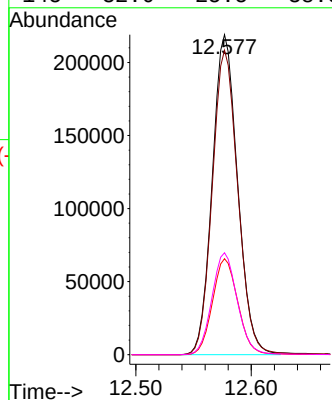
Ion Ratio Lower Upper

180 100

182 96.1 76.7 115.1

184 30.1 24.2 36.2

145 32.0 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 51.365 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

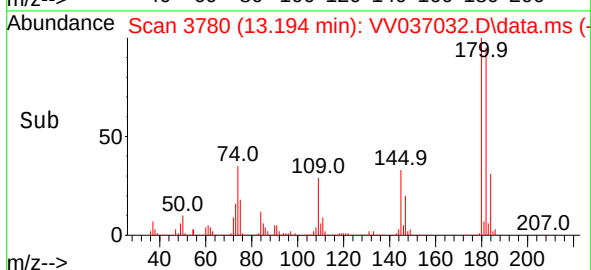
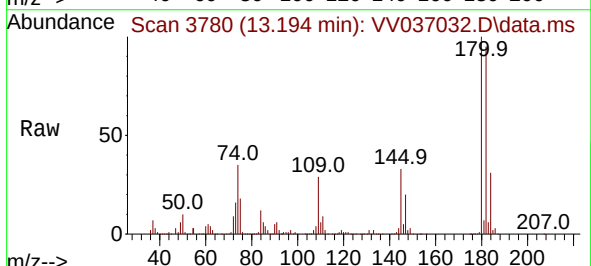
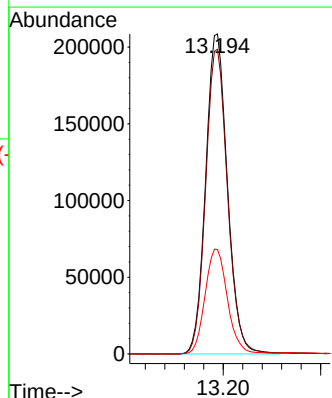
Tgt Ion:180 Resp: 323892

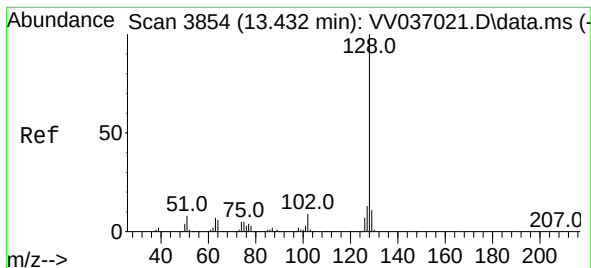
Ion Ratio Lower Upper

180 100

182 95.7 75.7 113.5

145 33.7 26.0 39.0





#71

Naphthalene

Concen: 62.967 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Instrument :

MSVOA_V

ClientSampleId :

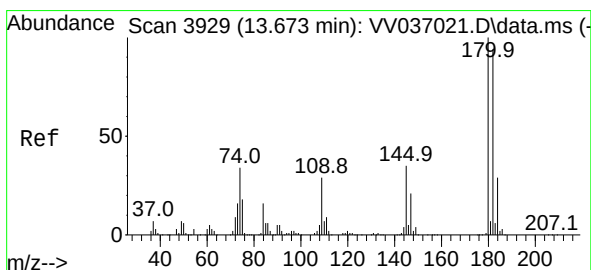
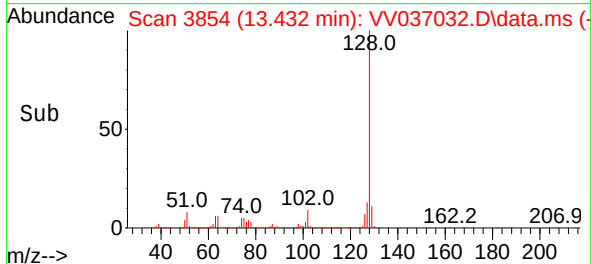
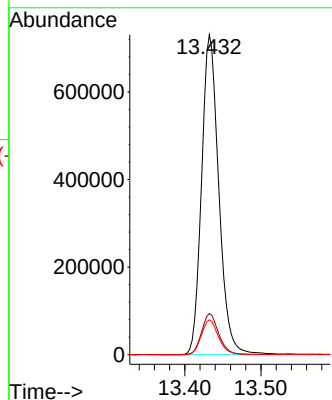
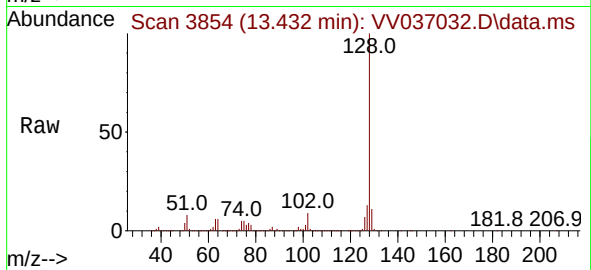
Tgt Ion:128 Resp: 1146520

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 52.770 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037032.D

Acq: 26 Aug 2024 17:01

Tgt Ion:180 Resp: 327921

Ion Ratio Lower Upper

180 100

182 96.8 75.1 112.7

145 35.7 27.0 40.4

