

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037064.D
 Acq On : 27 Aug 2024 05:23
 Operator : SY/MD
 Sample : P3691-21MS
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K63MS

Quant Time: Aug 27 05:52:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 03:16:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	594688	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	582456	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	298139	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	344954	63.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	126.820%
7) Chloroethane-d5	1.532	69	200142	47.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.056	65	108461	47.437	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.880%
21) 2-Butanone-d5	3.789	46	212459	100.853	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.850%
24) Chloroform-d	4.243	84	437725	51.412	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.820%
26) 1,2-Dichloroethane-d4	4.937	65	269706	50.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.600%
32) Benzene-d6	4.953	84	862344	49.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.040%
36) 1,2-Dichloropropane-d6	5.986	67	273309	49.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.200%
41) Toluene-d8	7.236	98	789865	49.748	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.500%
43) trans-1,3-Dichloroprop...	7.548	79	108562	42.586	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.180%
47) 2-Hexanone-d5	8.024	63	150693	100.206	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.210%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	333987	49.977	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.960%
66) 1,2-Dichlorobenzene-d4	11.554	152	287601	48.165	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.340%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	260488	51.835	ug/L	100
3) Chloromethane	1.217	50	276021	48.839	ug/L	99
5) Vinyl chloride	1.282	62	9732007	1834.297	ug/L	89
6) Bromomethane	1.484	94	123272	41.465	ug/L	100
8) Chloroethane	1.548	64	181534	55.939	ug/L	98
9) Trichlorofluoromethane	1.712	101	366106	52.877	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	214296	52.037	ug/L	99
12) 1,1-Dichloroethene	2.069	96	208575	53.759	ug/L	98
13) Acetone	2.111	43	156774	69.390	ug/L	99
14) Carbon disulfide	2.240	76	626637	53.203	ug/L	99
15) Methyl Acetate	2.372	43	140516	37.097	ug/L	100
16) Methylene chloride	2.442	84	239528	54.719	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	228614	56.760	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	699076	55.176	ug/L	99
19) 1,1-Dichloroethane	3.105	63	460370	57.556	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	5545149	1245.925	ug/L	99
22) 2-Butanone	3.876	43	220968	88.830	ug/L	99
23) Bromochloromethane	4.140	128	119174	54.548	ug/L	96
25) Chloroform	4.272	83	423589	52.291	ug/L	99

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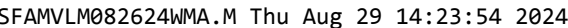
Instrument :
 MSVOA_V
 ClientSampleId :
 E1K63MS

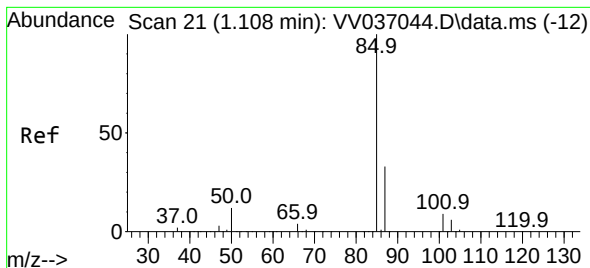
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	319542	53.775	ug/L	100
29) Cyclohexane	4.574	56	349424	51.023	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	351990	52.521	ug/L	100
31) Carbon tetrachloride	4.725	117	293545	51.907	ug/L	97
33) Benzene	5.002	78	911613	54.233	ug/L	100
34) Trichloroethene	5.828	95	232469	52.397	ug/L	98
35) Methylcyclohexane	6.043	83	360717	50.041	ug/L	99
37) 1,2-Dichloropropane	6.088	63	240176	53.297	ug/L	99
38) Bromodichloromethane	6.429	83	308691	53.445	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	344171	48.397	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	489178	106.775	ug/L	99
42) Toluene	7.310	91	955417	54.591	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	302203	47.542	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	228740	54.527	ug/L	98
46) Tetrachloroethene	7.899	164	167363	52.575	ug/L	98
48) 2-Hexanone	8.072	43	343343	96.903	ug/L	96
49) Dibromochloromethane	8.172	129	224200	53.375	ug/L	99
50) 1,2-Dibromoethane	8.278	107	232924	54.871	ug/L	99
51) Chlorobenzene	8.809	112	606706	52.363	ug/L	99
52) Ethylbenzene	8.940	91	1068350	54.042	ug/L	99
53) m,p-Xylene	9.066	106	397759	54.305	ug/L	99
54) o-Xylene	9.474	106	385295	53.726	ug/L	99
55) Styrene	9.490	104	678356	54.513	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	341895	55.030	ug/L	99
59) Bromoform	9.661	173	139971	50.418	ug/L	99
60) Isopropylbenzene	9.860	105	1052272	54.443	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	250684	54.051	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	860214	54.398	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	862604	54.660	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	469661	52.623	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	490526	53.699	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	468561	53.393	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	59221	51.202	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	317322	51.098	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	299883	51.282	ug/L	99
71) Naphthalene	13.432	128	886169	52.480	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	299751	52.015	ug/L	98

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

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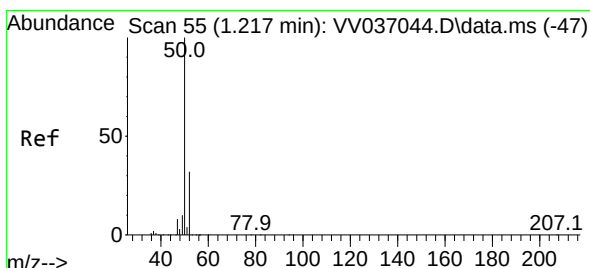
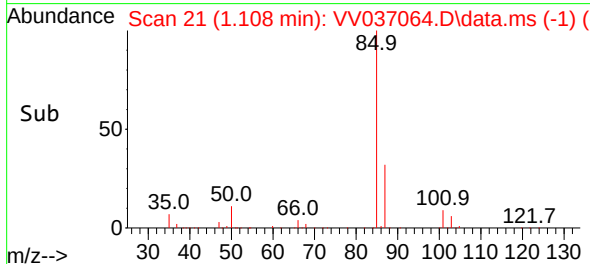
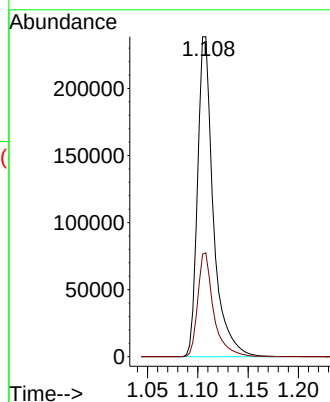
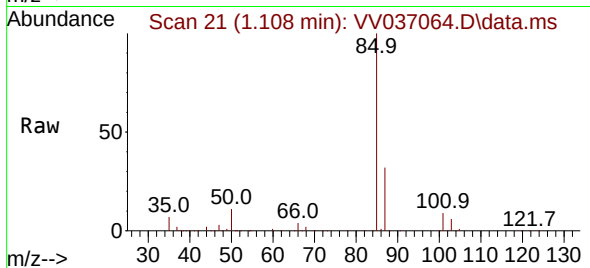




#2
 Dichlorodifluoromethane
 Concen: 51.835 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037064.D
 Acq: 27 Aug 2024 05:23

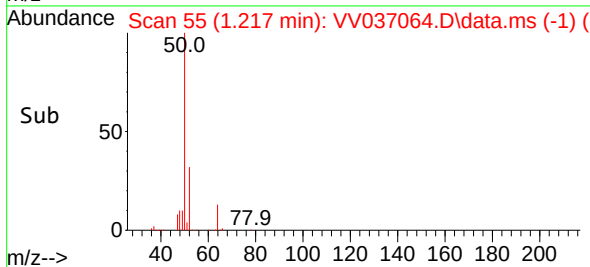
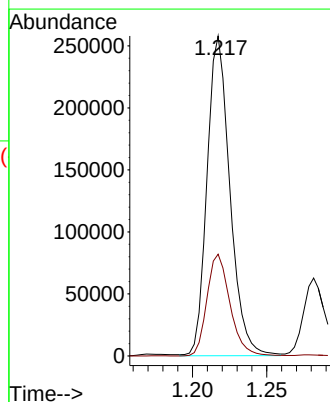
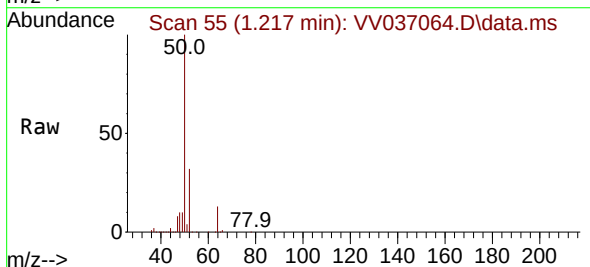
Instrument :
 MSVOA_V
 ClientSampleId :
 E1K63MS

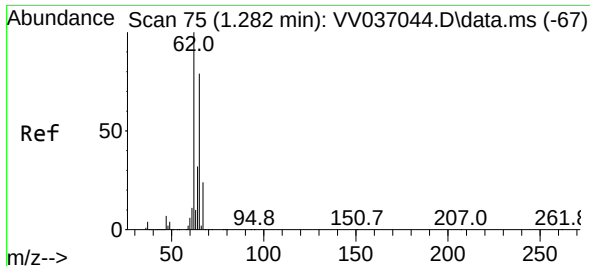
Tgt Ion: 85 Resp: 260488
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 48.839 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037064.D
 Acq: 27 Aug 2024 05:23

Tgt Ion: 50 Resp: 276021
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.5 41.9



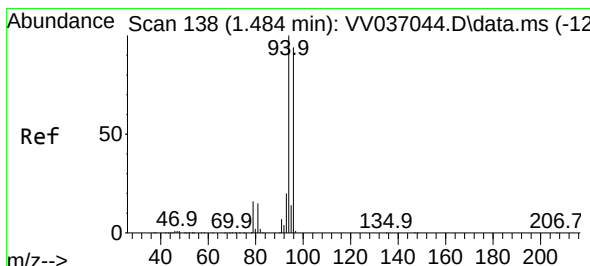
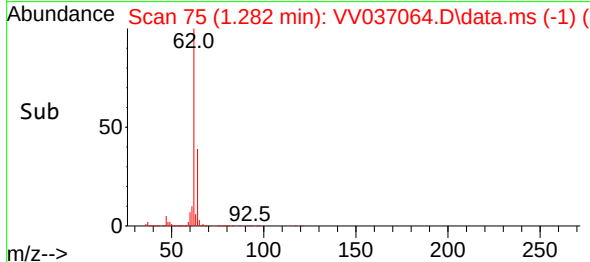
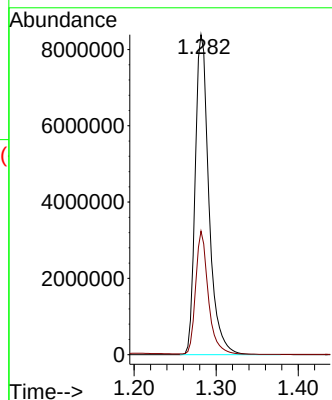
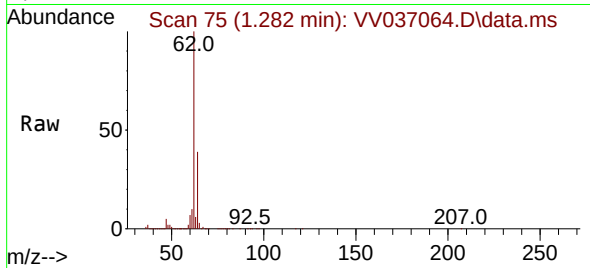


#5
 Vinyl chloride
 Concen: 1834.297 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037064.D
 Acq: 27 Aug 2024 05:23

Instrument : MSVOA_V
 ClientSampleId : E1K63MS

Tgt Ion: 62 Resp: 9732007

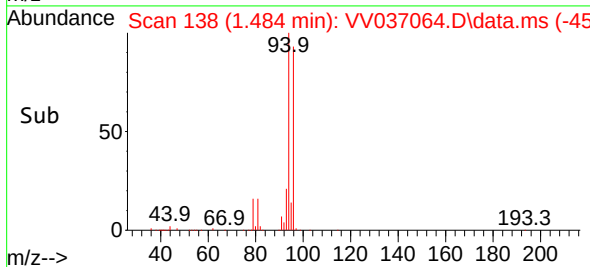
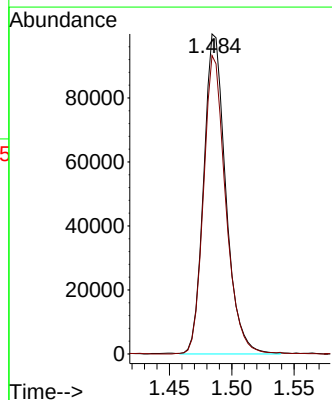
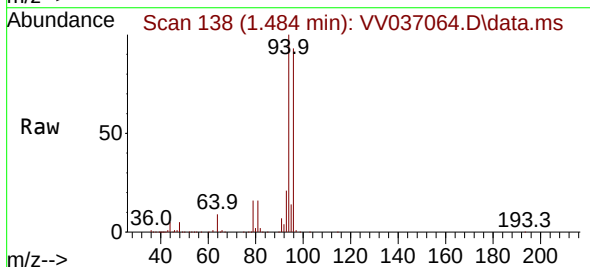
Ion	Ratio	Lower	Upper
62	100		
64	38.6	22.8	42.4

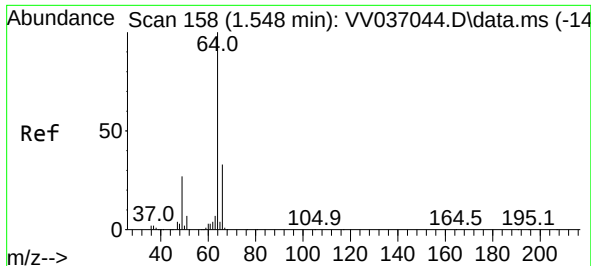


#6
 Bromomethane
 Concen: 41.465 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV037064.D
 Acq: 27 Aug 2024 05:23

Tgt Ion: 94 Resp: 123272

Ion	Ratio	Lower	Upper
94	100		
96	93.3	65.6	121.8

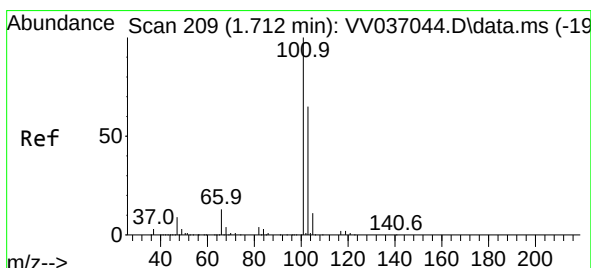
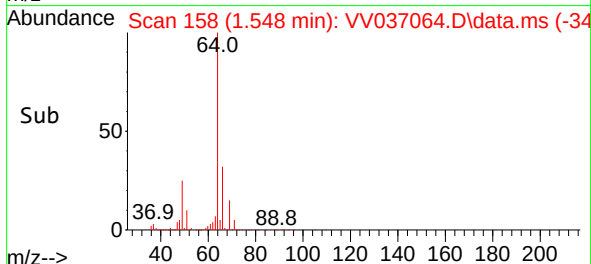
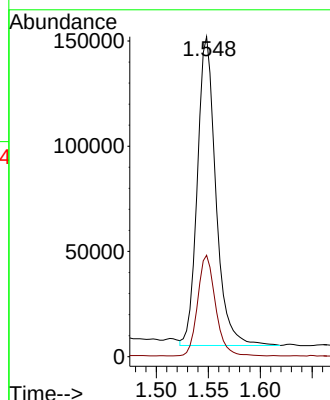
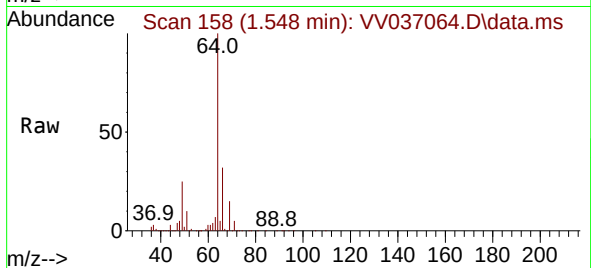




#8
Chloroethane
Concen: 55.939 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

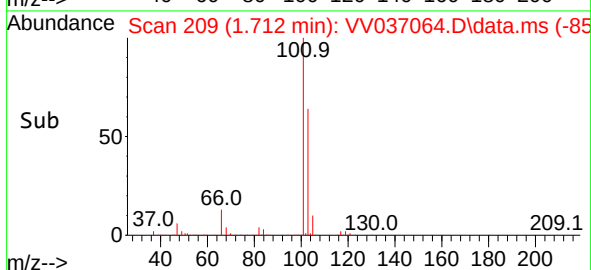
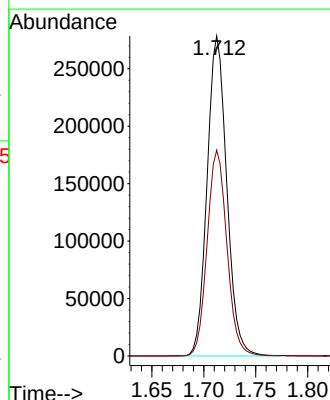
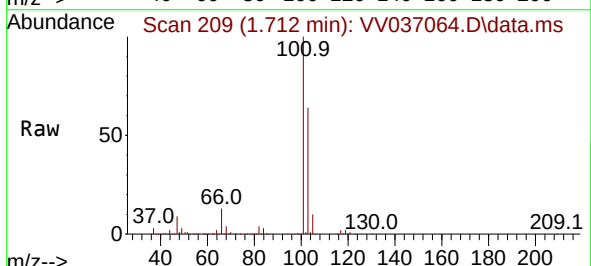
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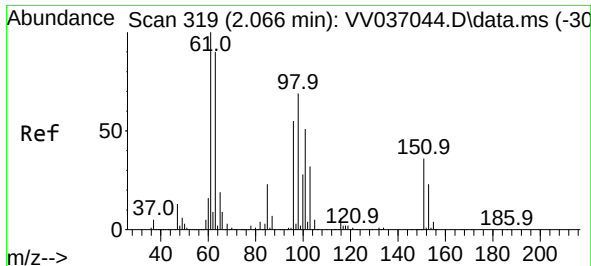
Tgt Ion: 64 Resp: 181534
Ion Ratio Lower Upper
64 100
66 31.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 52.877 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion:101 Resp: 366106
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

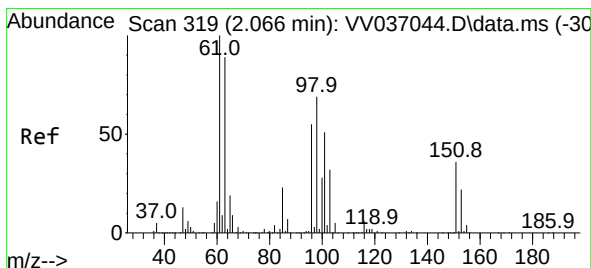
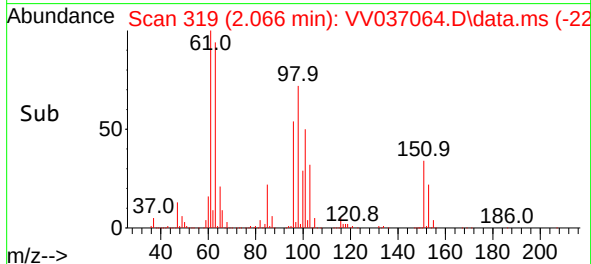
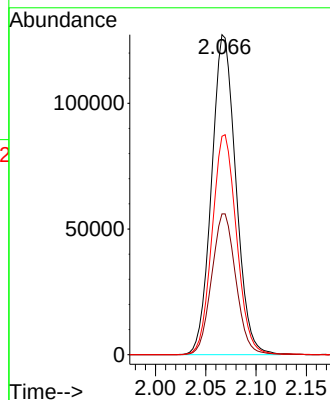
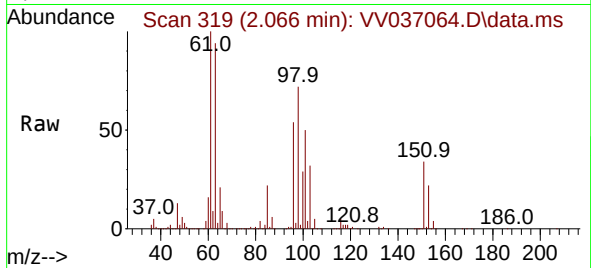




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.037 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV037064.D
 Acq: 27 Aug 2024 05:23

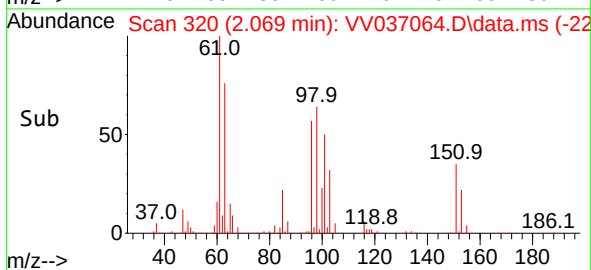
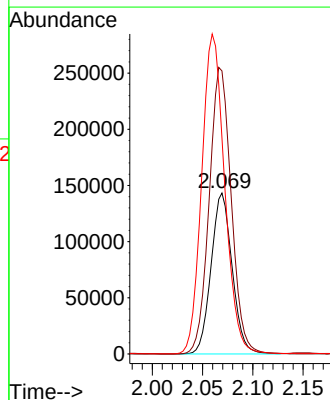
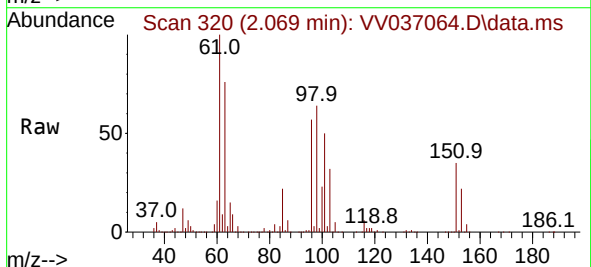
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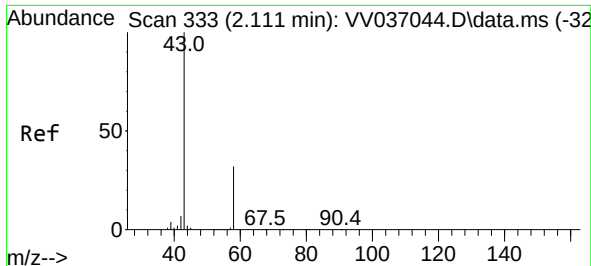
Tgt Ion:101 Resp: 214296
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.6 53.4
 151 69.1 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 53.759 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV037064.D
 Acq: 27 Aug 2024 05:23

Tgt Ion: 96 Resp: 208575
 Ion Ratio Lower Upper
 96 100
 61 175.7 123.8 229.8
 63 134.1 96.5 179.1





#13

Acetone

Concen: 69.390 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

Instrument :

MSVOA_V

ClientSampleId :

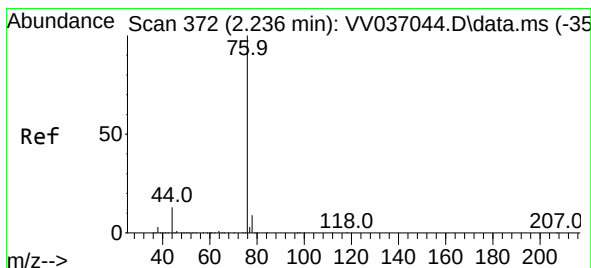
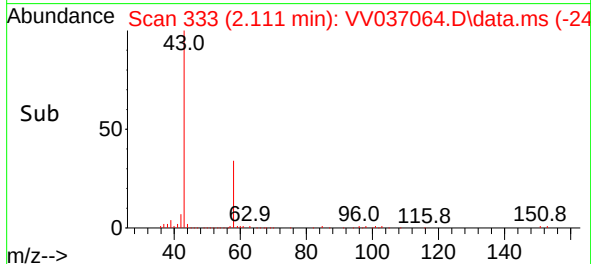
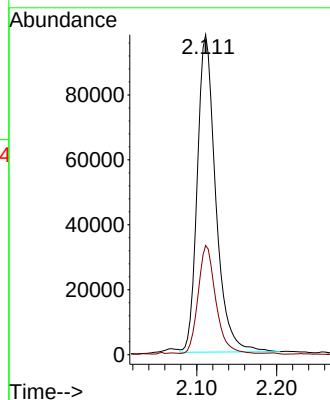
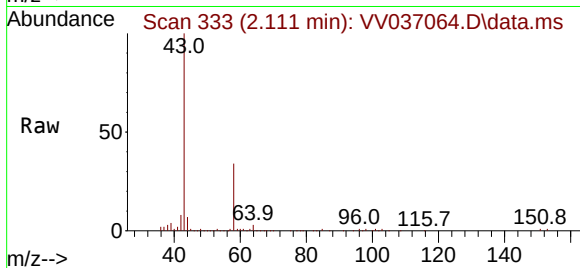
E1K63MS

Tgt Ion: 43 Resp: 156774

Ion Ratio Lower Upper

43 100

58 32.7 0.0 64.8



#14

Carbon disulfide

Concen: 53.203 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV037064.D

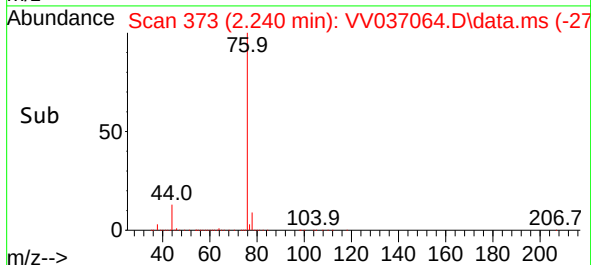
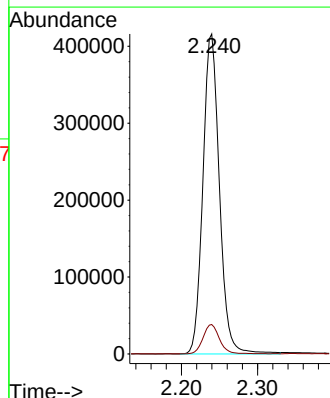
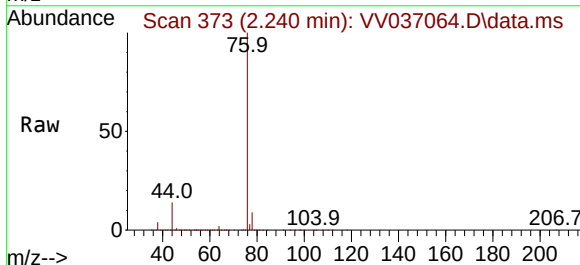
Acq: 27 Aug 2024 05:23

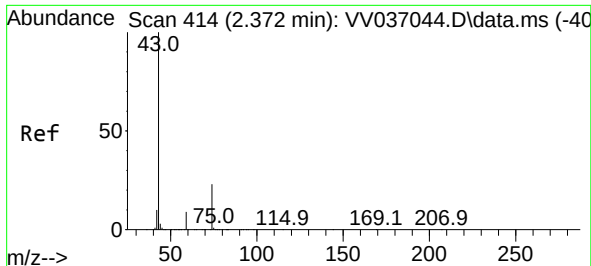
Tgt Ion: 76 Resp: 626637

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

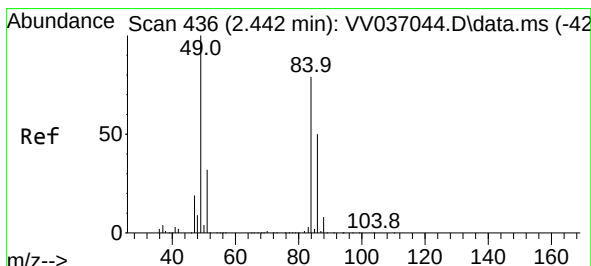
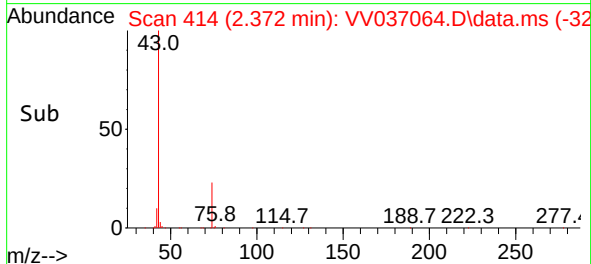
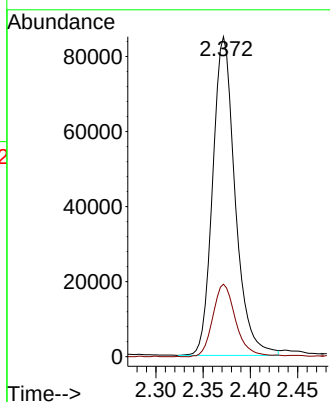
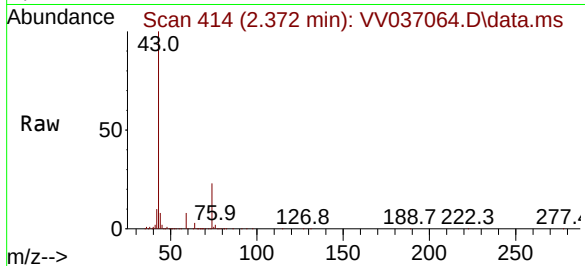




#15
Methyl Acetate
Concen: 37.097 ug/L
RT: 2.372 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

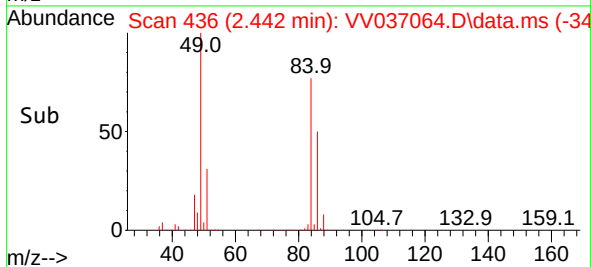
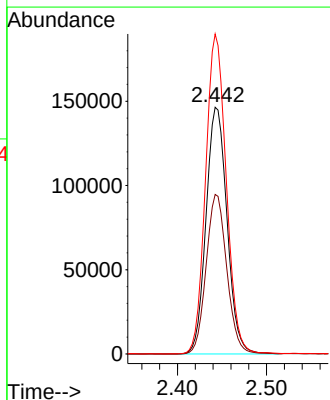
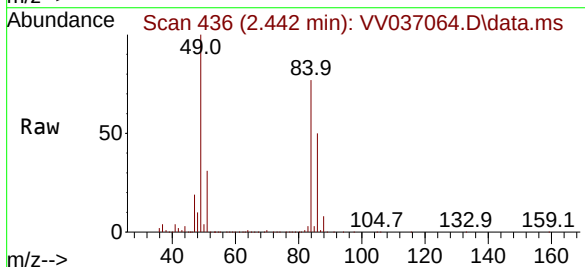
Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

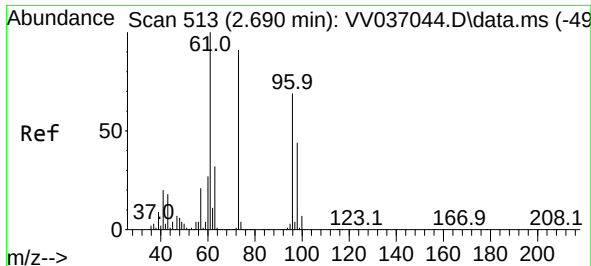
Tgt Ion: 43 Resp: 140516
Ion Ratio Lower Upper
43 100
74 23.1 18.4 27.6



#16
Methylene chloride
Concen: 54.719 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion: 84 Resp: 239528
Ion Ratio Lower Upper
84 100
86 64.7 44.7 82.9
49 129.7 91.4 169.8

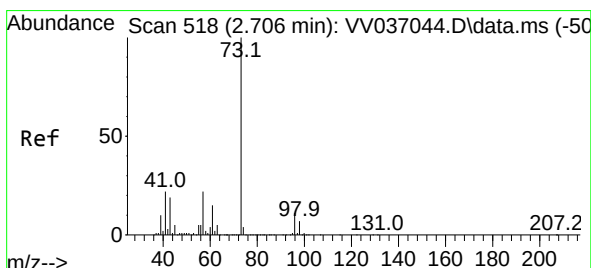
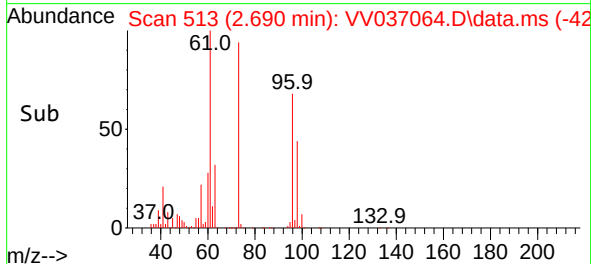
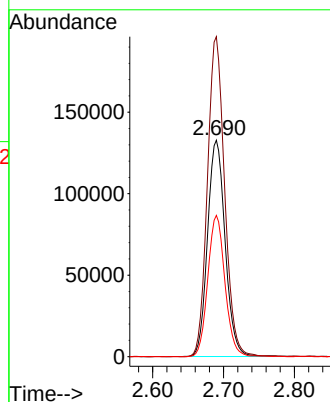
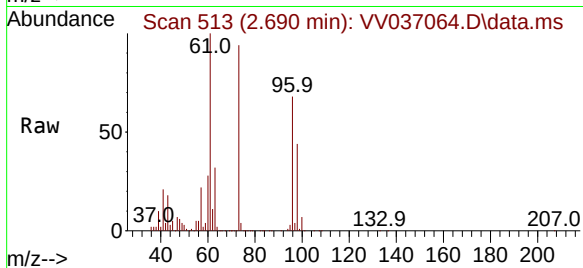




#17
trans-1,2-Dichloroethene
Concen: 56.760 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

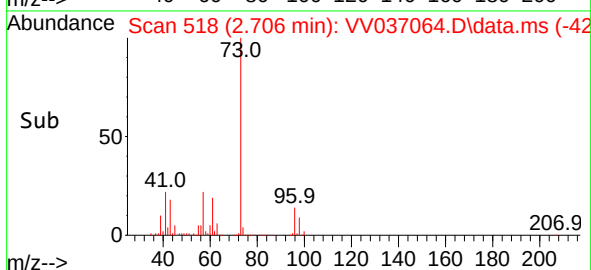
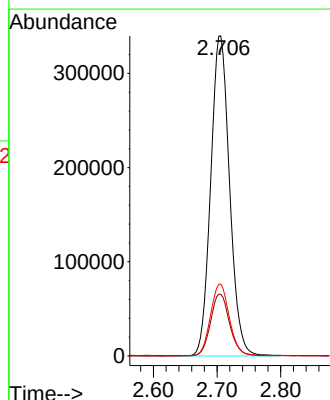
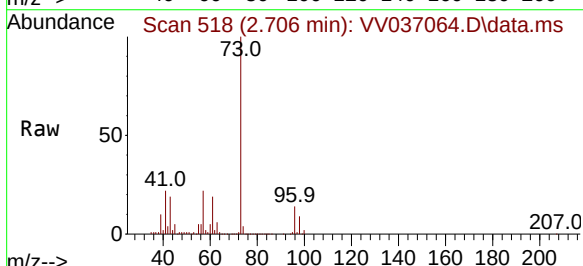
Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

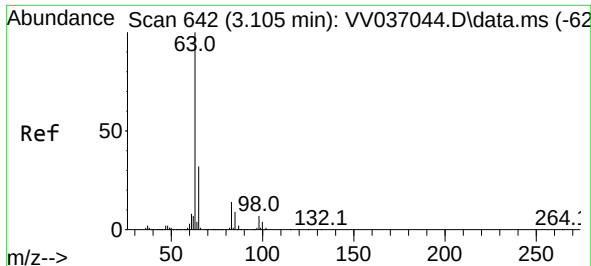
Tgt Ion: 96 Resp: 228614
Ion Ratio Lower Upper
96 100
61 147.9 102.3 189.9
98 65.3 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 55.176 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion: 73 Resp: 699076
Ion Ratio Lower Upper
73 100
43 19.2 15.8 23.6
57 22.4 18.1 27.1





#19

1,1-Dichloroethane

Concen: 57.556 ug/L

RT: 3.105 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

Instrument :

MSVOA_V

ClientSampleId :

E1K63MS

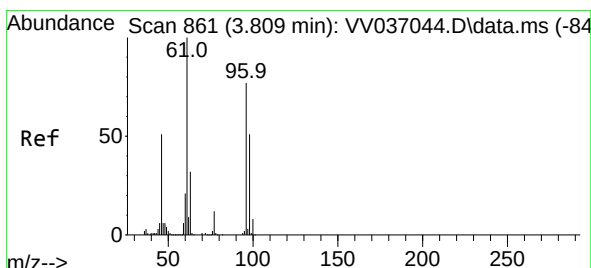
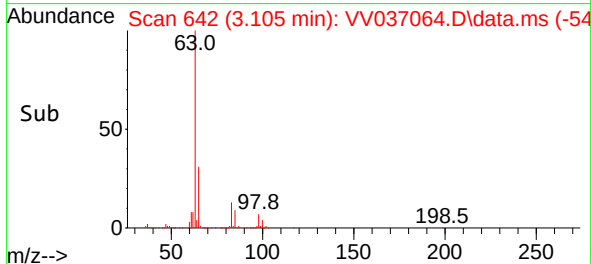
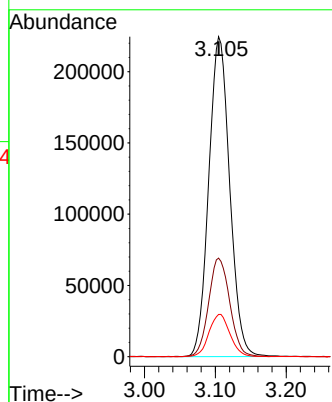
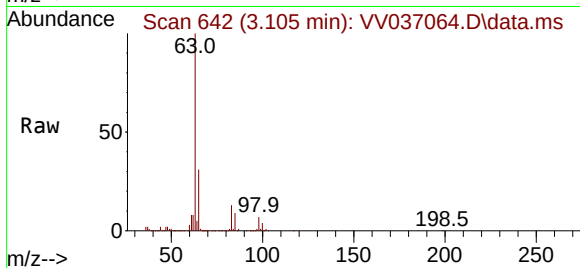
Tgt Ion: 63 Resp: 460370

Ion Ratio Lower Upper

63 100

65 30.8 22.0 41.0

83 13.2 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 1245.925 ug/L

RT: 3.806 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

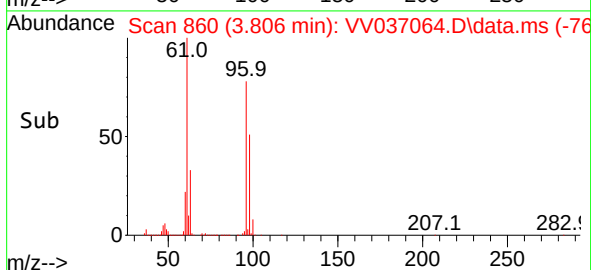
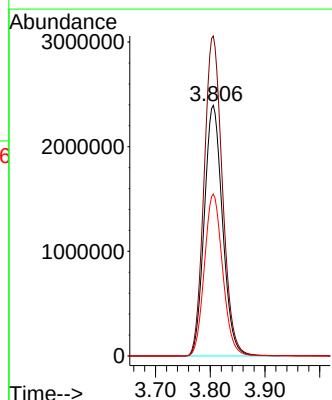
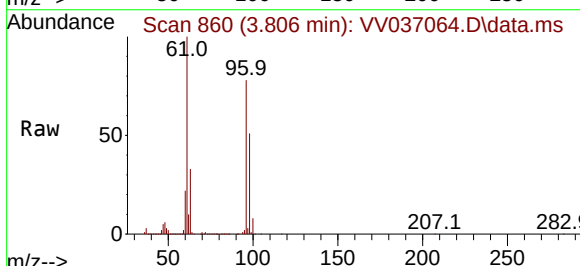
Tgt Ion: 96 Resp: 5545149

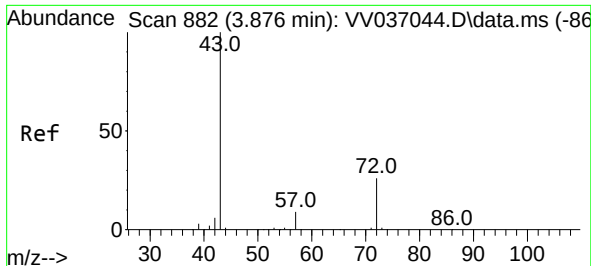
Ion Ratio Lower Upper

96 100

61 127.7 89.9 166.9

98 64.6 44.8 83.2

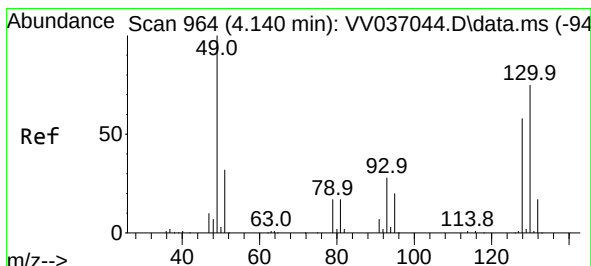
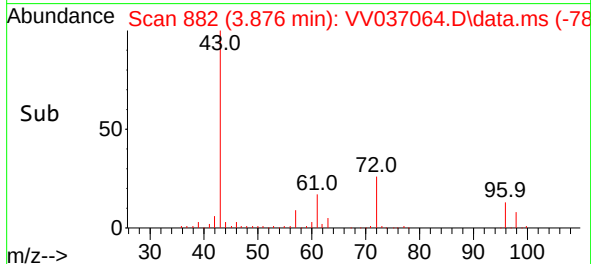
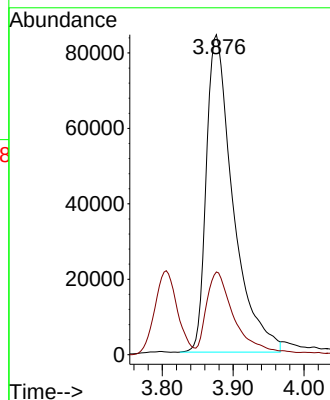
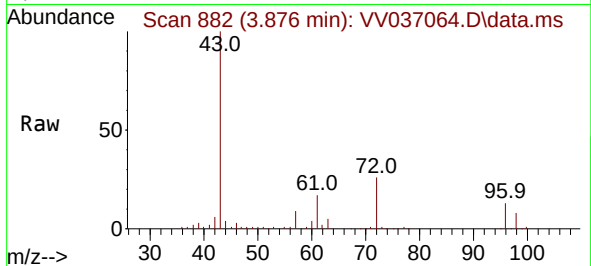




#22
2-Butanone
Concen: 88.830 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

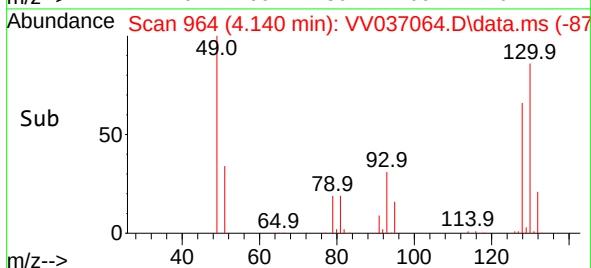
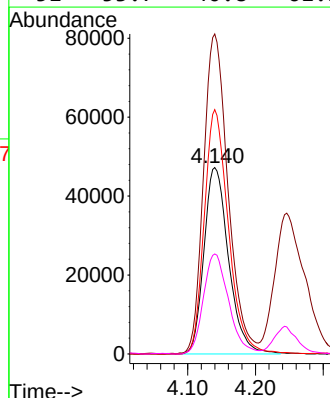
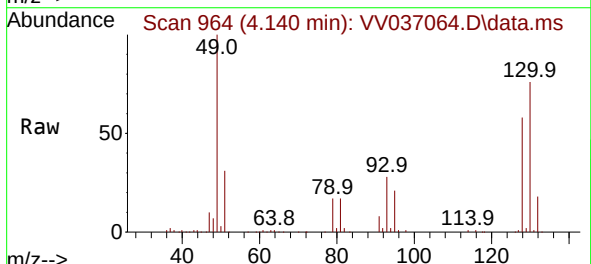
Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

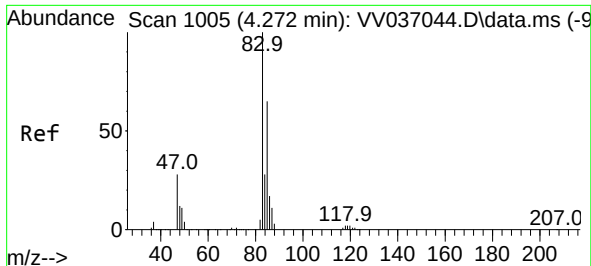
Tgt Ion: 43 Resp: 220968
Ion Ratio Lower Upper
43 100
72 24.7 12.7 38.0



#23
Bromochloromethane
Concen: 54.548 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion:128 Resp: 119174
Ion Ratio Lower Upper
128 100
49 171.7 117.2 217.6
130 131.1 87.6 162.8
51 53.7 40.8 61.2

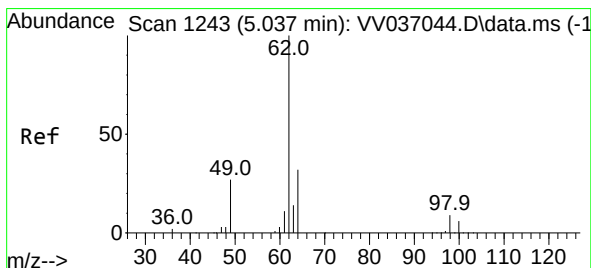
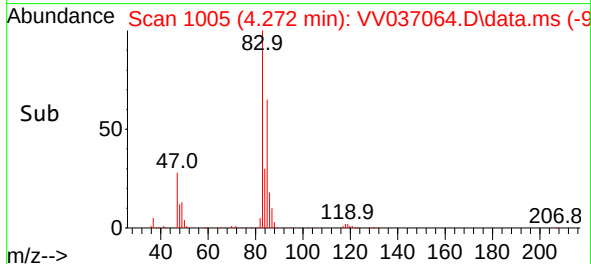
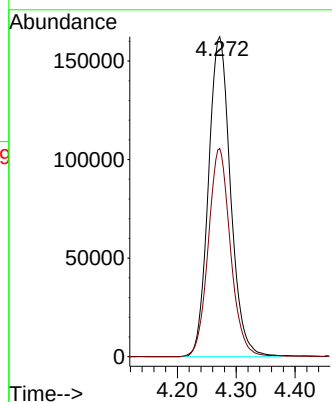
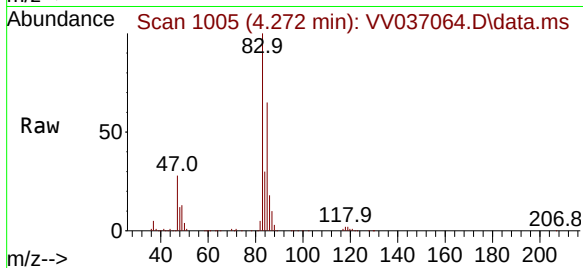




#25
Chloroform
Concen: 52.291 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

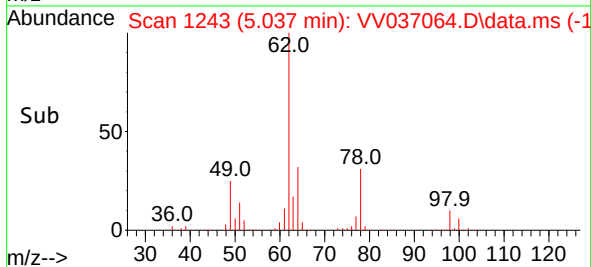
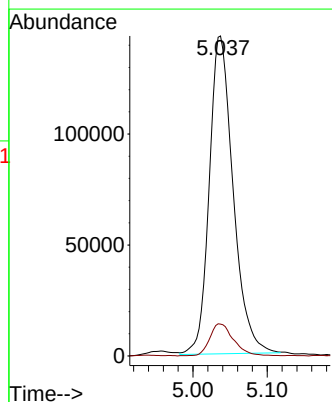
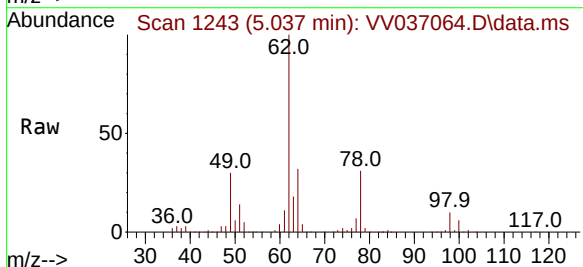
Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

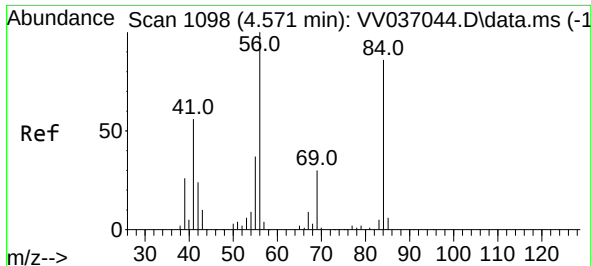
Tgt Ion: 83 Resp: 423589
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 53.775 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion: 62 Resp: 319542
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0





#29

Cyclohexane

Concen: 51.023 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

Instrument :

MSVOA_V

ClientSampleId :

E1K63MS

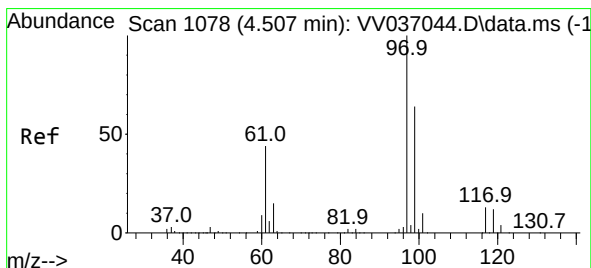
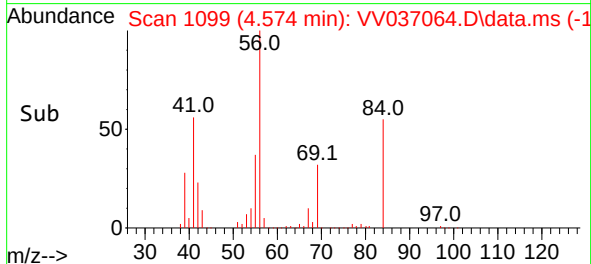
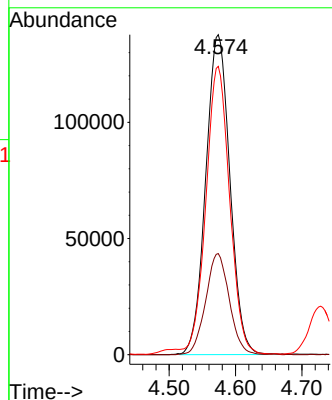
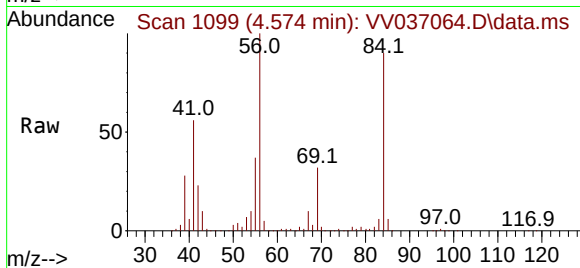
Tgt Ion: 56 Resp: 349424

Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.4

84 88.1 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 52.521 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

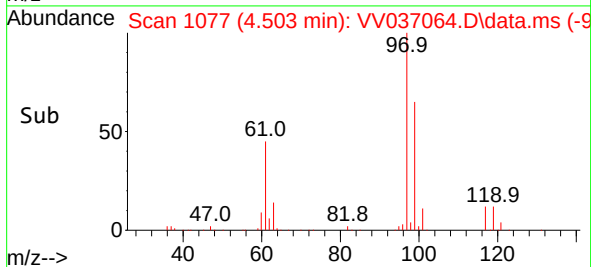
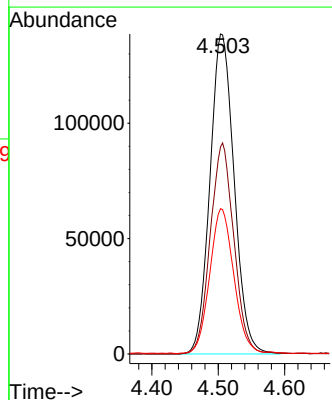
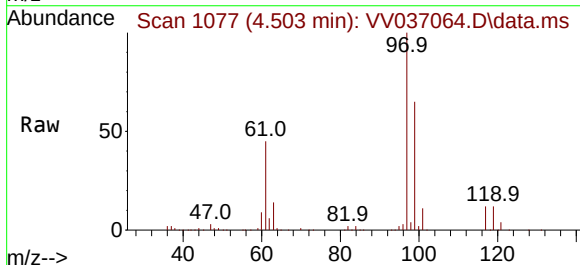
Tgt Ion: 97 Resp: 351990

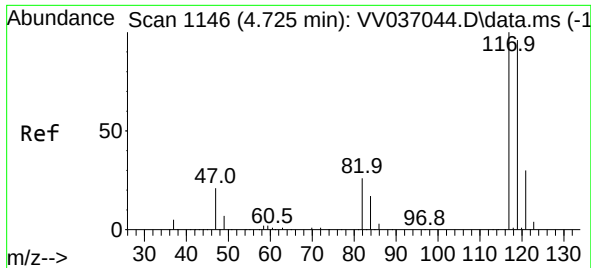
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 45.0 35.8 53.6

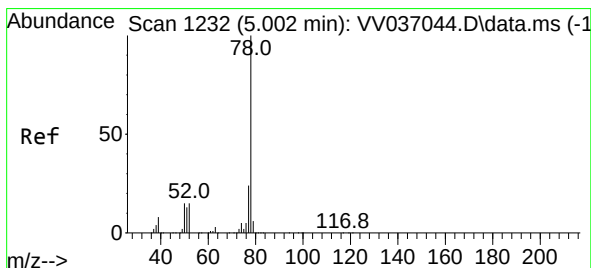
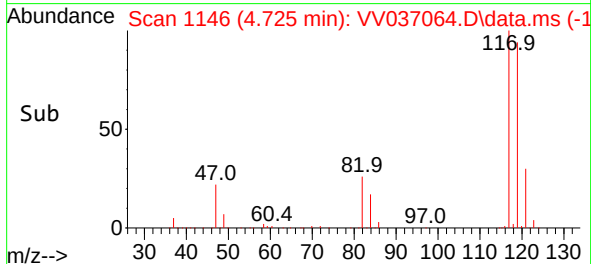
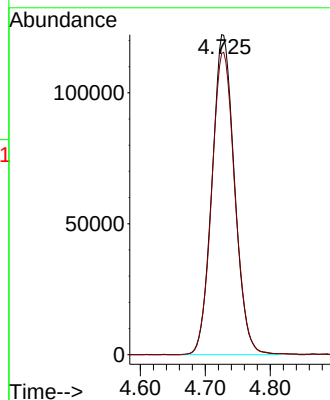
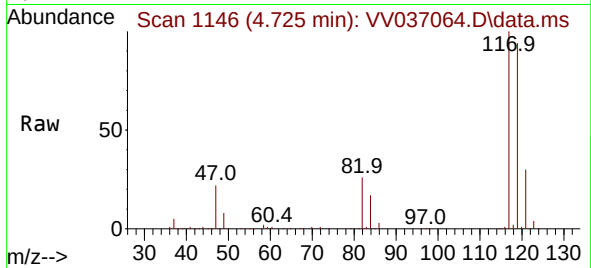




#31
Carbon tetrachloride
Concen: 51.907 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

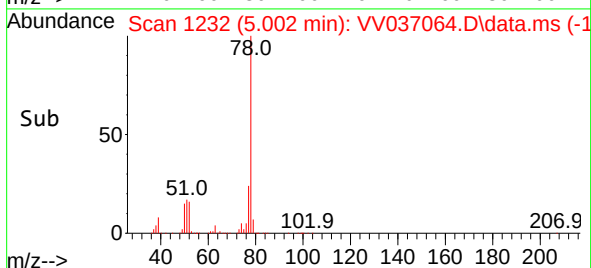
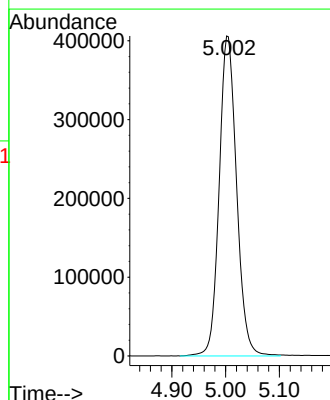
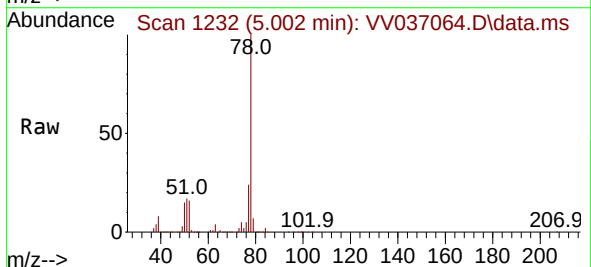
Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

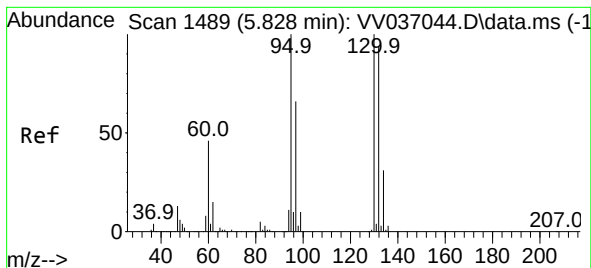
Tgt Ion:117 Resp: 293545
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.6



#33
Benzene
Concen: 54.233 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion: 78 Resp: 911613





#34

Trichloroethene

Concen: 52.397 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

Instrument :

MSVOA_V

ClientSampleId :

E1K63MS

Tgt Ion: 95 Resp: 232469

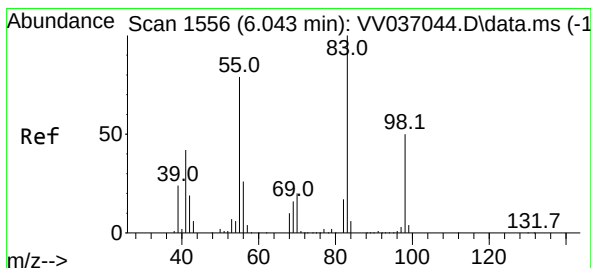
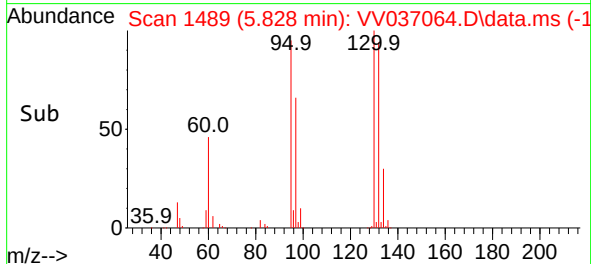
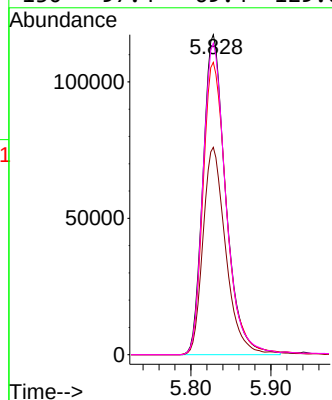
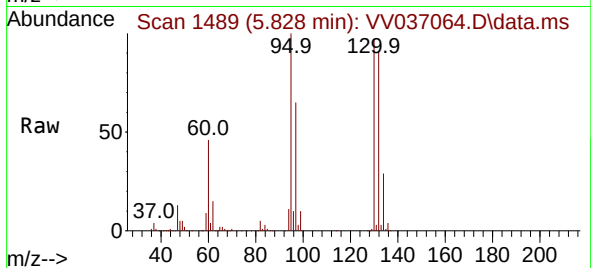
Ion Ratio Lower Upper

95 100

97 64.8 44.4 82.5

132 91.4 64.9 120.5

130 97.4 69.4 129.0



#35

Methylcyclohexane

Concen: 50.041 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

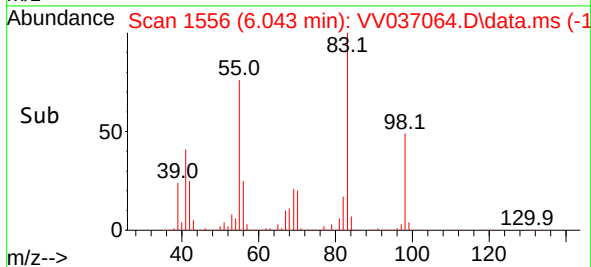
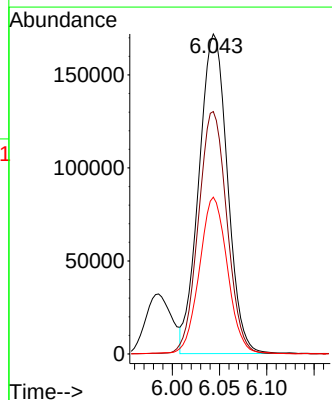
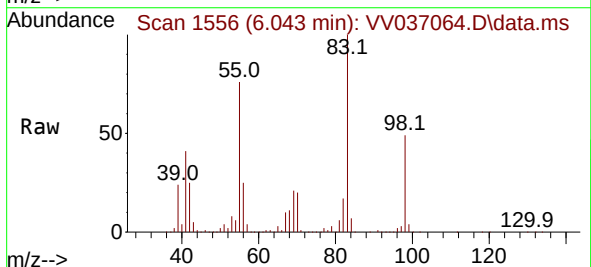
Tgt Ion: 83 Resp: 360717

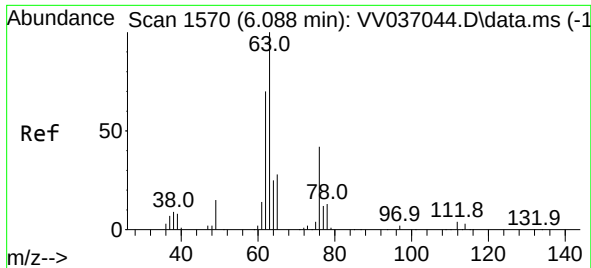
Ion Ratio Lower Upper

83 100

55 76.0 61.2 91.8

98 47.9 39.3 58.9

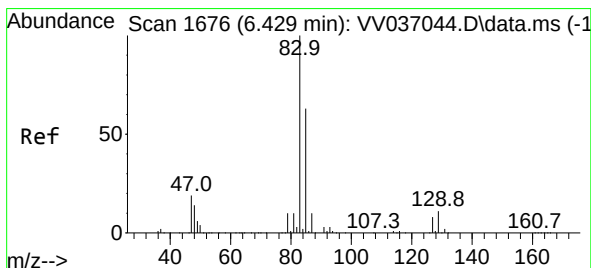
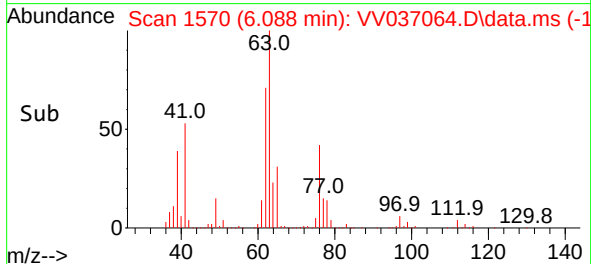
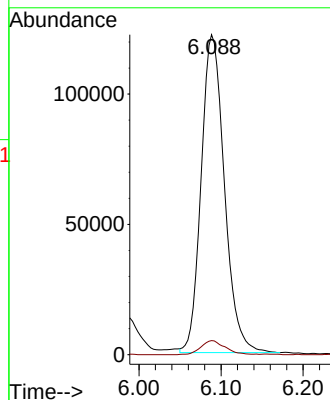
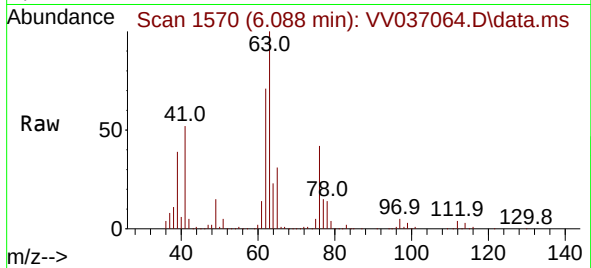




#37
1,2-Dichloropropane
Concen: 53.297 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

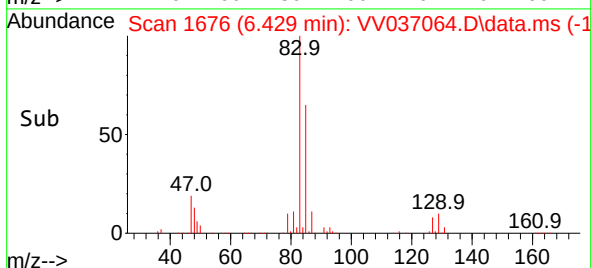
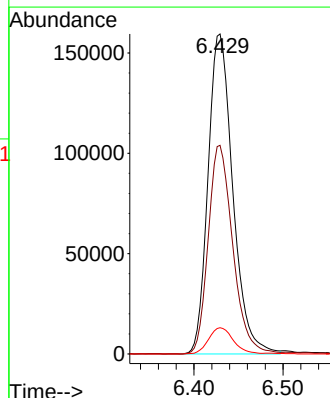
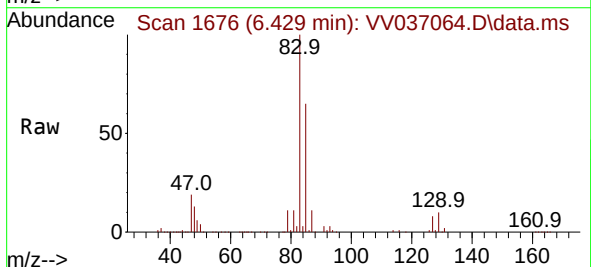
Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

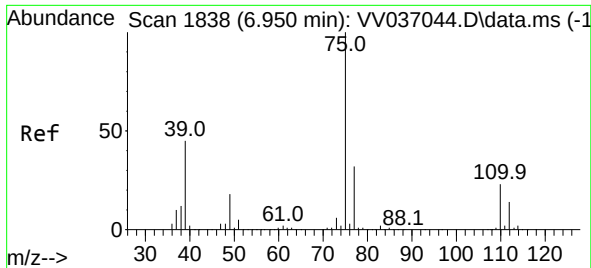
Tgt Ion: 63 Resp: 240176
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 53.445 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion: 83 Resp: 308691
Ion Ratio Lower Upper
83 100
85 65.2 44.5 82.7
127 8.2 6.1 9.1

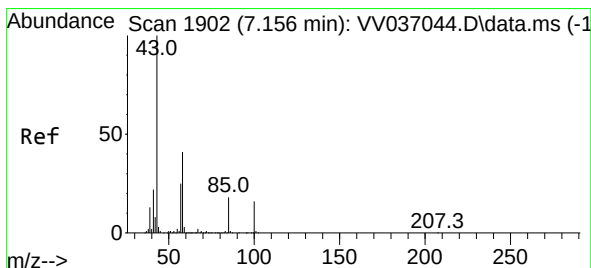
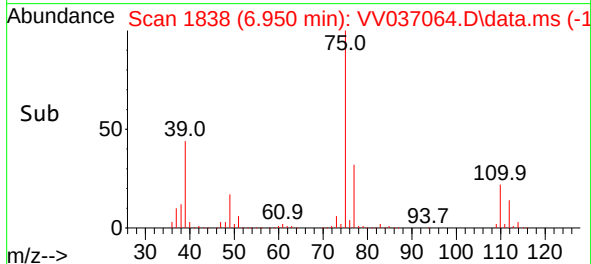
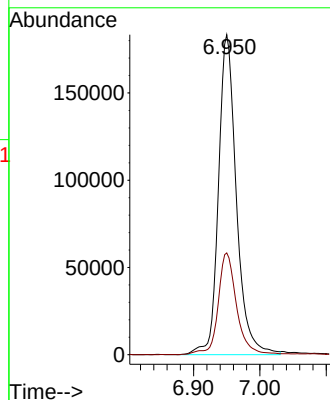
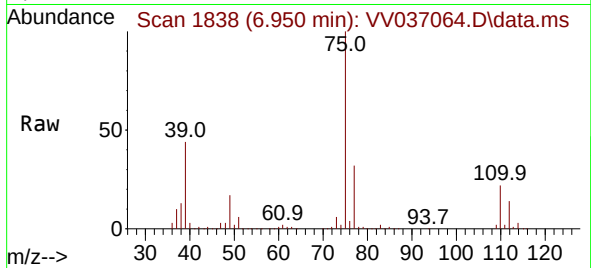




#39
 cis-1,3-Dichloropropene
 Concen: 48.397 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: VV037064.D
 Acq: 27 Aug 2024 05:23

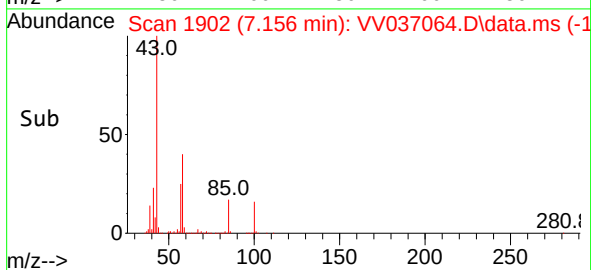
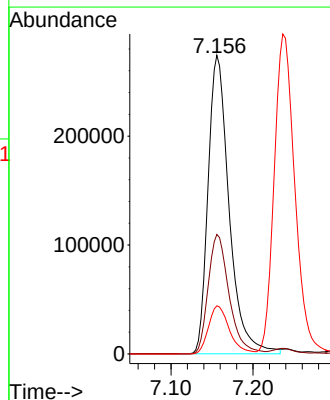
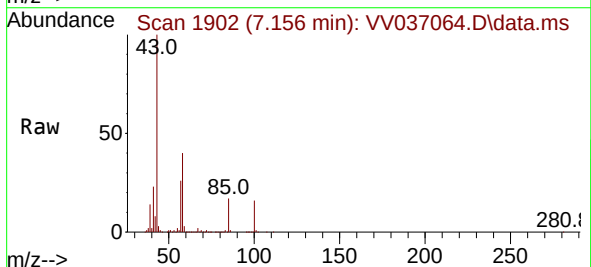
Instrument :
 MSVOA_V
 ClientSampleId :
 E1K63MS

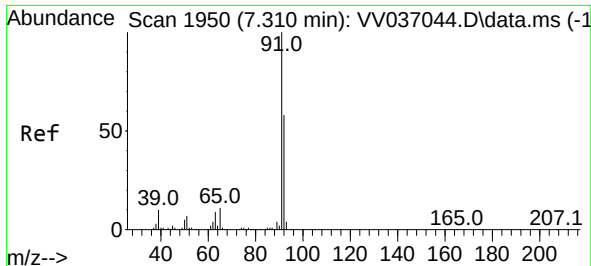
Tgt Ion: 75 Resp: 344171
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 106.775 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: VV037064.D
 Acq: 27 Aug 2024 05:23

Tgt Ion: 43 Resp: 489178
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.0 48.0
 100 16.1 12.4 18.6





#42

Toluene

Concen: 54.591 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

Instrument :

MSVOA_V

ClientSampleId :

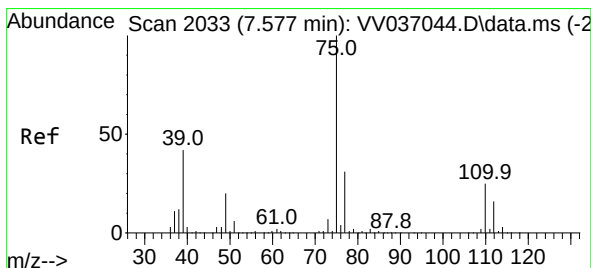
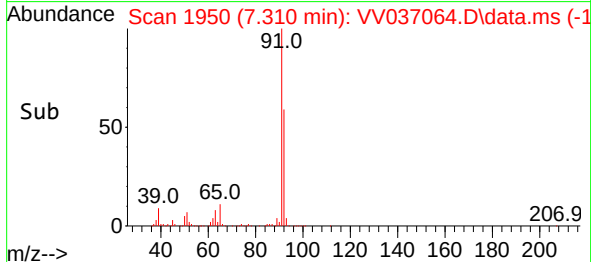
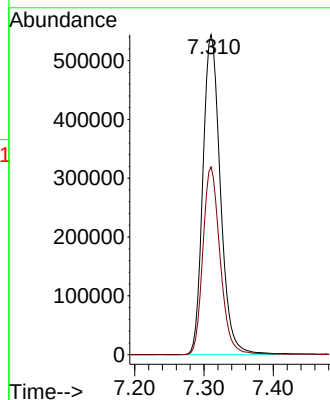
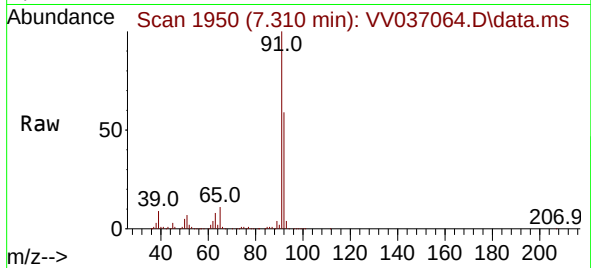
E1K63MS

Tgt Ion: 91 Resp: 955417

Ion Ratio Lower Upper

91 100

92 58.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 47.542 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV037064.D

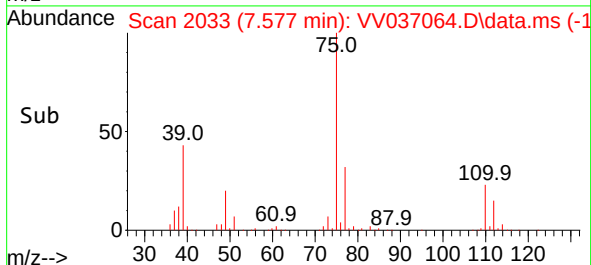
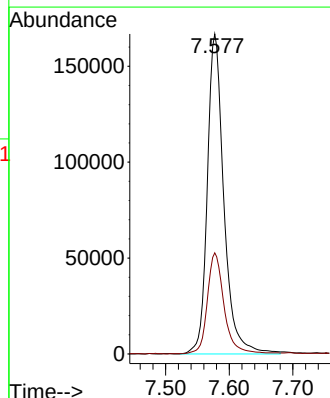
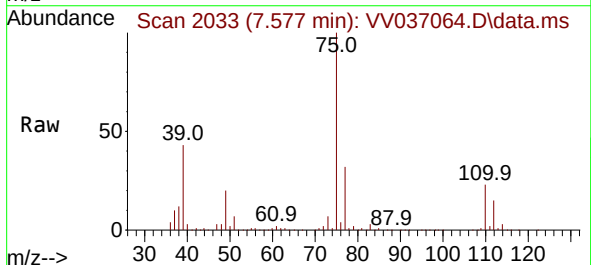
Acq: 27 Aug 2024 05:23

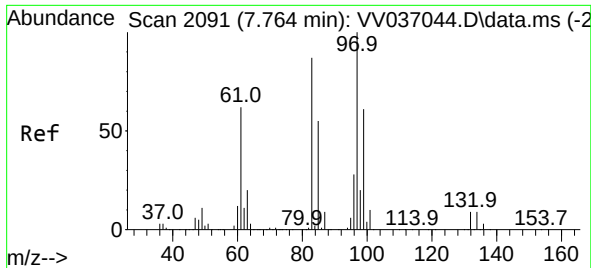
Tgt Ion: 75 Resp: 302203

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



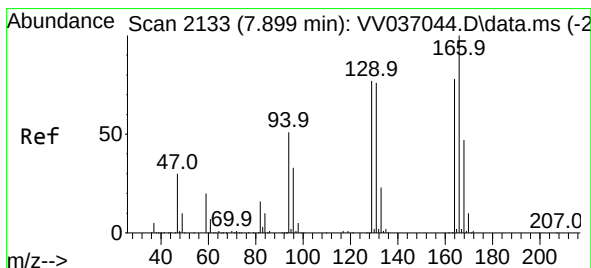
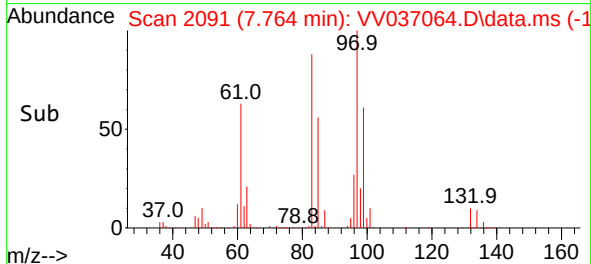
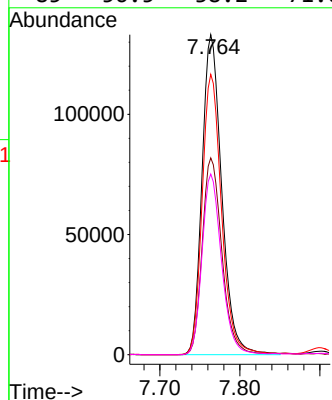
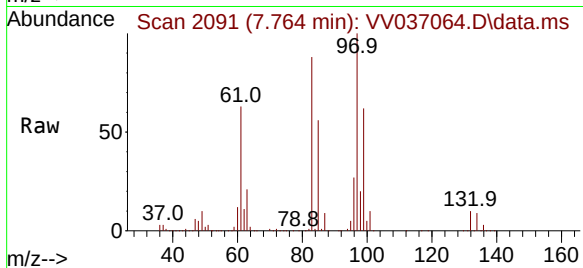


#45
1,1,2-Trichloroethane
Concen: 54.527 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

Tgt Ion: 97 Resp: 228740

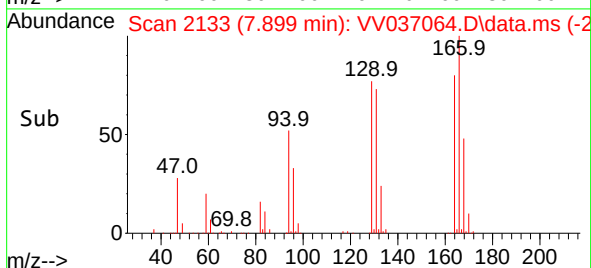
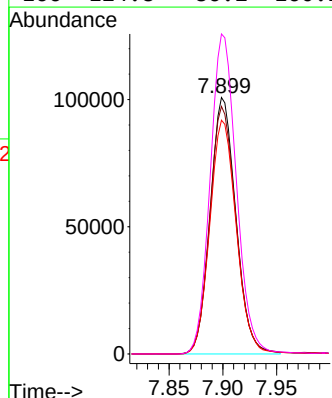
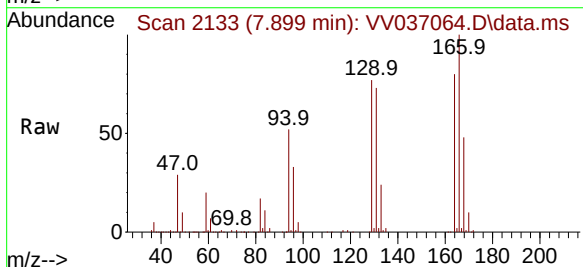
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.6	79.0
83	87.6	60.5	112.3
85	56.5	38.2	71.0

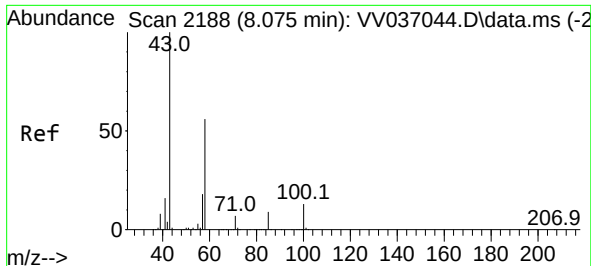


#46
Tetrachloroethene
Concen: 52.575 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion: 164 Resp: 167363

Ion	Ratio	Lower	Upper
164	100		
129	96.5	67.1	124.7
131	91.1	67.0	124.4
166	124.8	86.2	160.2

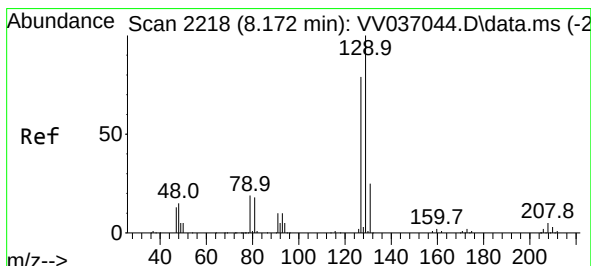
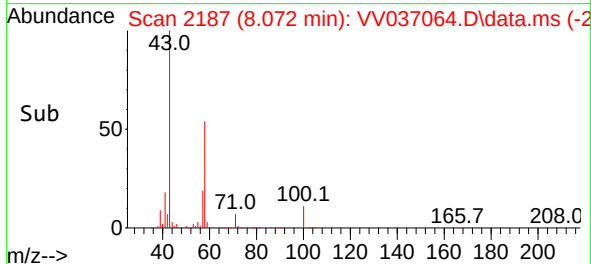
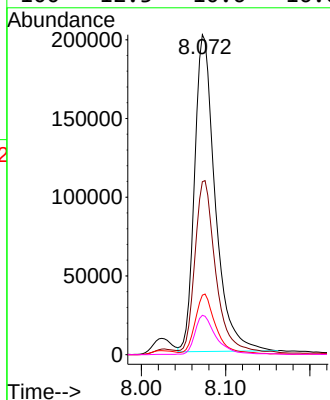
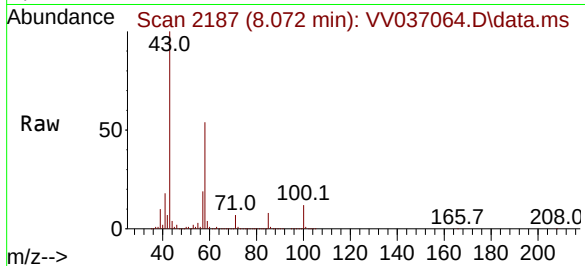




#48
2-Hexanone
Concen: 96.903 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

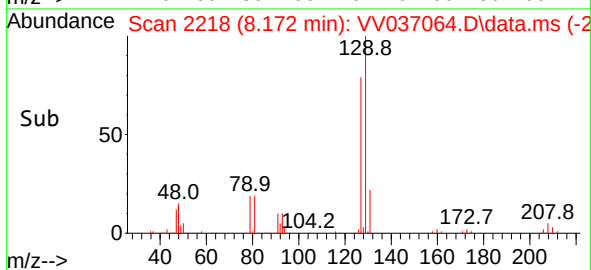
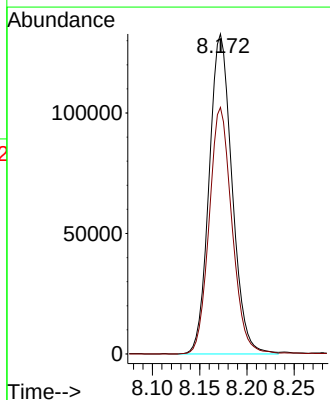
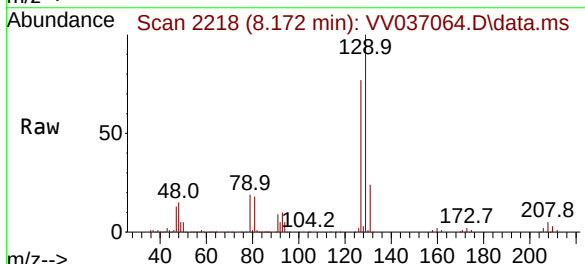
Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

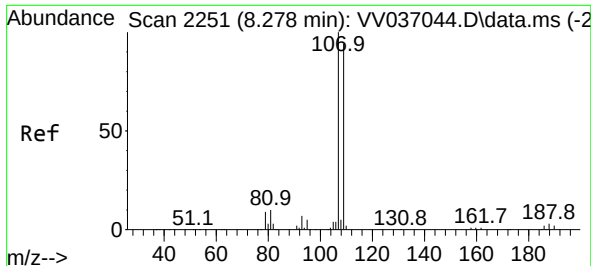
Tgt Ion: 43 Resp: 343343
Ion Ratio Lower Upper
43 100
58 53.8 46.0 69.0
57 19.3 15.6 23.4
100 12.3 10.6 16.0



#49
Dibromochloromethane
Concen: 53.375 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion: 129 Resp: 224200
Ion Ratio Lower Upper
129 100
127 77.1 54.7 101.7





#50

1,2-Dibromoethane

Concen: 54.871 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

Instrument :

MSVOA_V

ClientSampleId :

E1K63MS

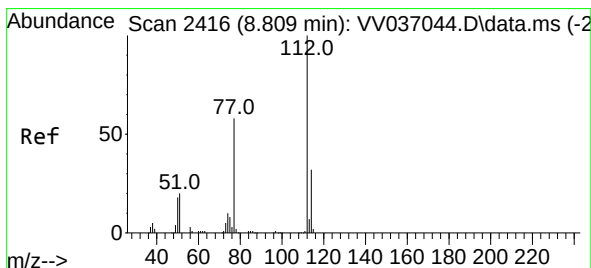
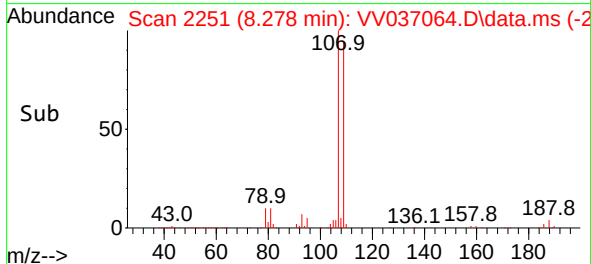
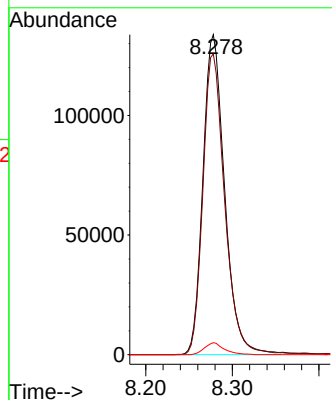
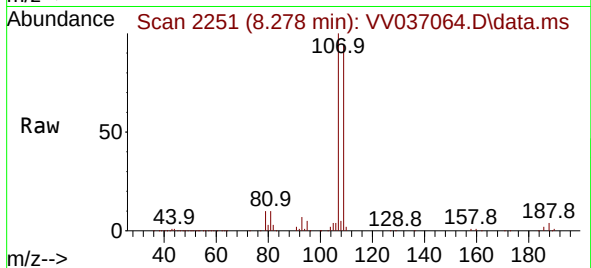
Tgt Ion:107 Resp: 232924

Ion Ratio Lower Upper

107 100

109 94.0 66.6 123.6

188 3.8 2.6 3.8



#51

Chlorobenzene

Concen: 52.363 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

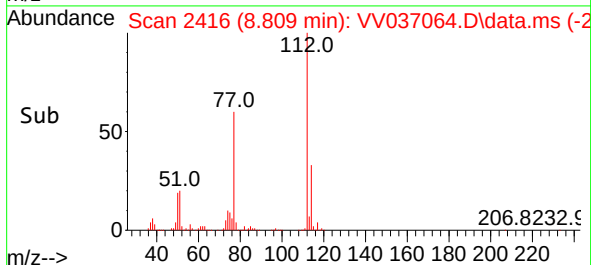
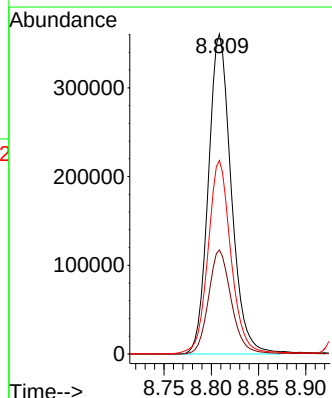
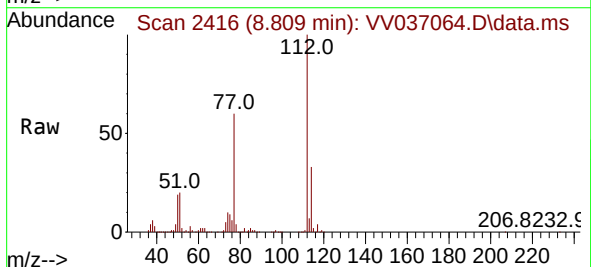
Tgt Ion:112 Resp: 606706

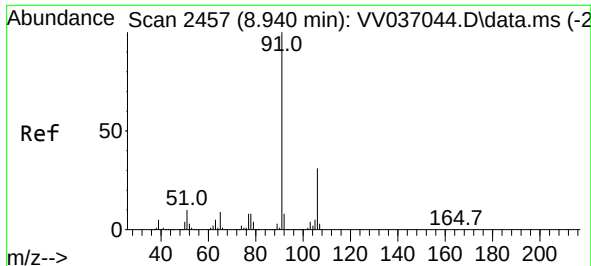
Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.5

77 60.4 47.8 71.8

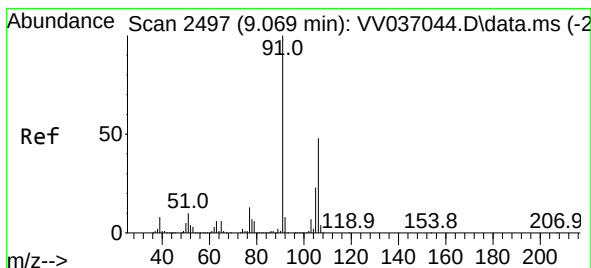
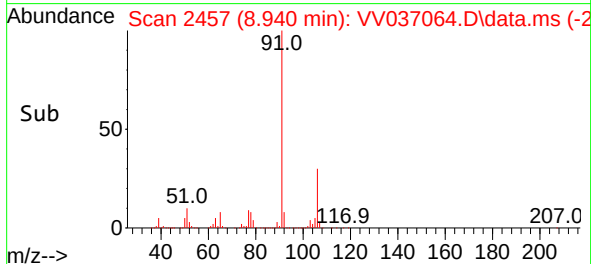
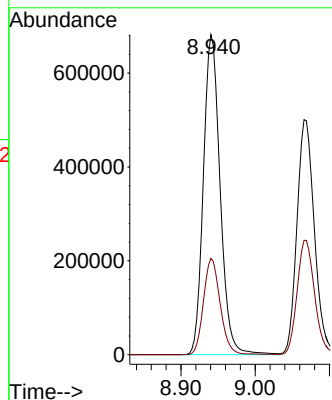
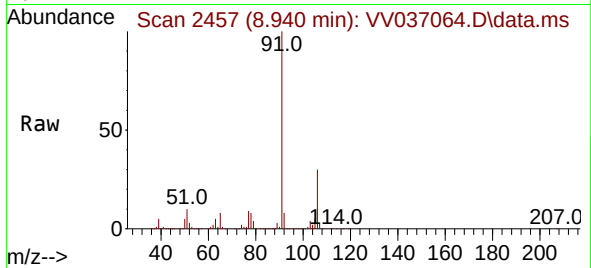




#52
Ethylbenzene
Concen: 54.042 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

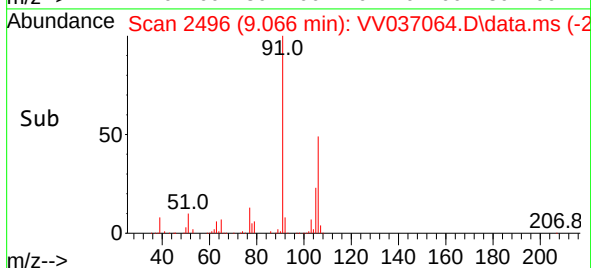
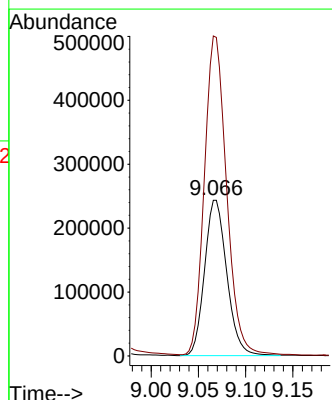
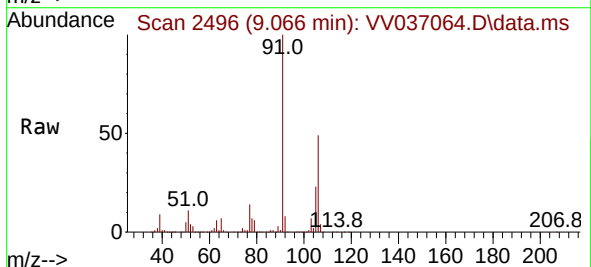
Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

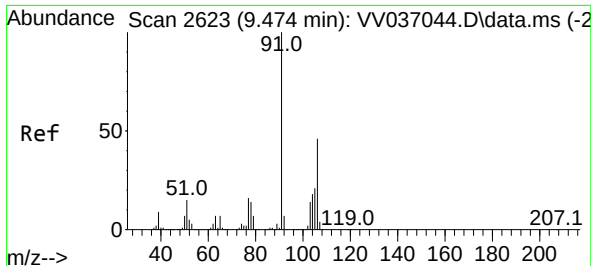
Tgt Ion: 91 Resp: 1068350
Ion Ratio Lower Upper
91 100
106 30.1 21.4 39.8



#53
m,p-Xylene
Concen: 54.305 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.003 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion:106 Resp: 397759
Ion Ratio Lower Upper
106 100
91 205.4 143.0 265.6

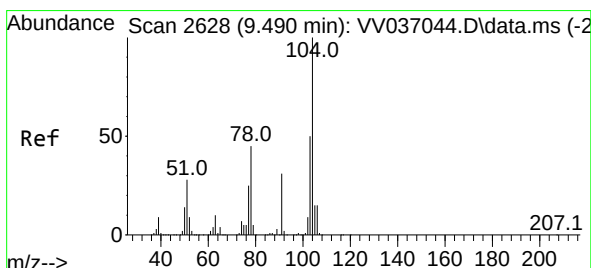
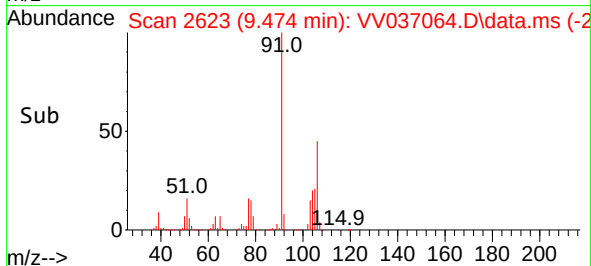
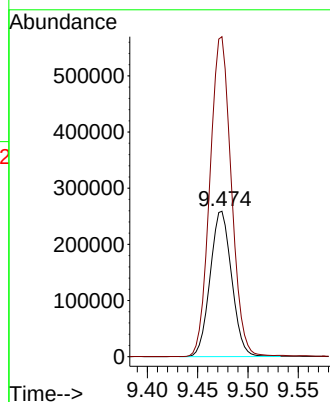
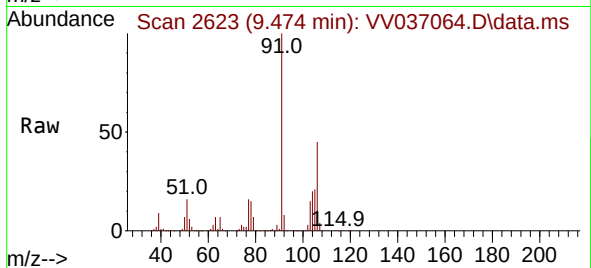




#54
o-Xylene
Concen: 53.726 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

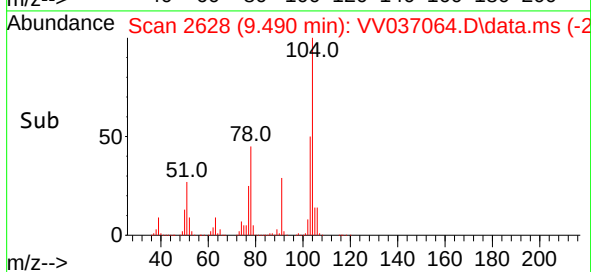
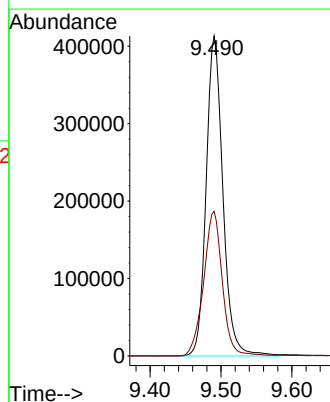
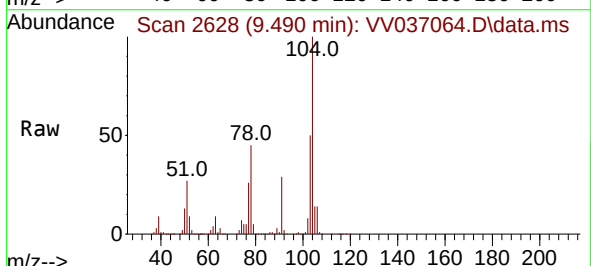
Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

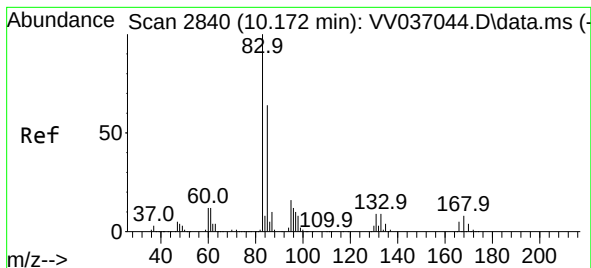
Tgt Ion:106 Resp: 385295
Ion Ratio Lower Upper
106 100
91 219.9 153.2 284.6



#55
Styrene
Concen: 54.513 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion:104 Resp: 678356
Ion Ratio Lower Upper
104 100
78 45.2 30.9 57.5

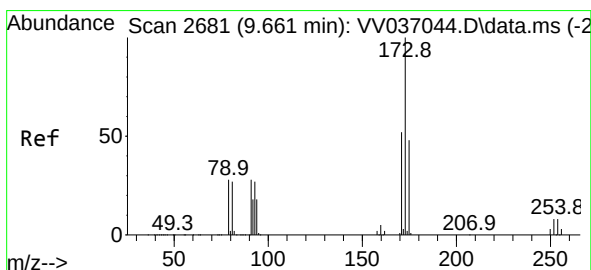
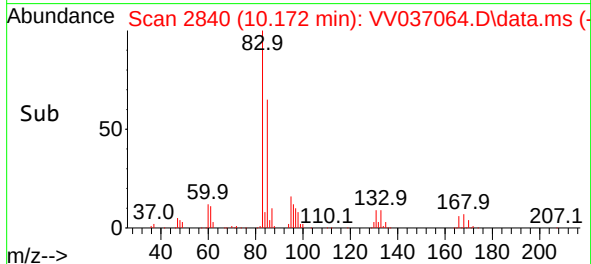
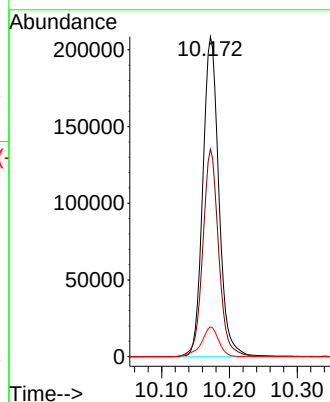
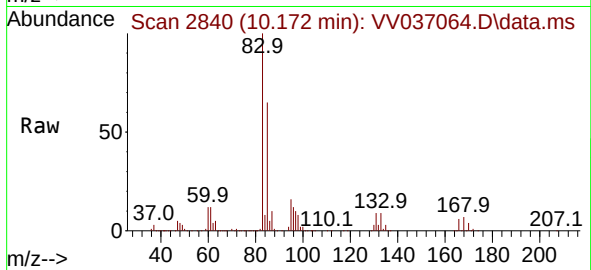




#57
1,1,2,2-Tetrachloroethane
Concen: 55.030 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

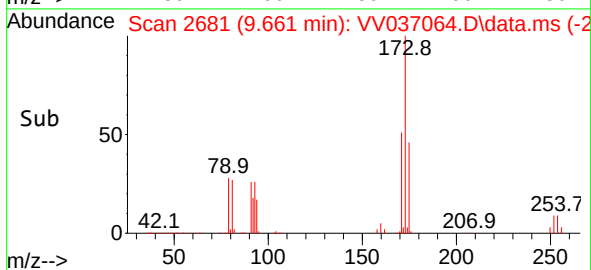
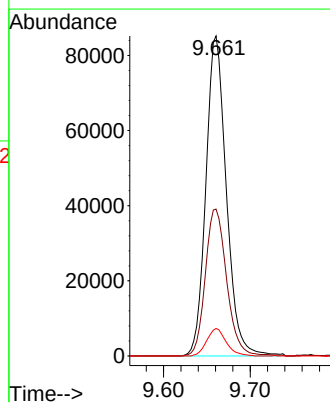
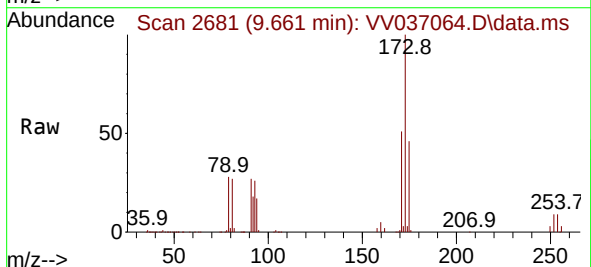
Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

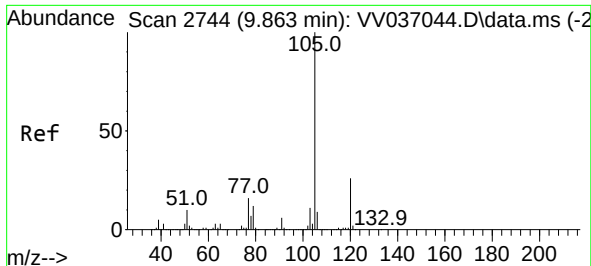
Tgt Ion: 83 Resp: 341895
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.7
131 9.3 7.4 11.0



#59
Bromoform
Concen: 50.418 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion: 173 Resp: 139971
Ion Ratio Lower Upper
173 100
175 47.7 38.7 58.1
254 8.2 6.8 10.2

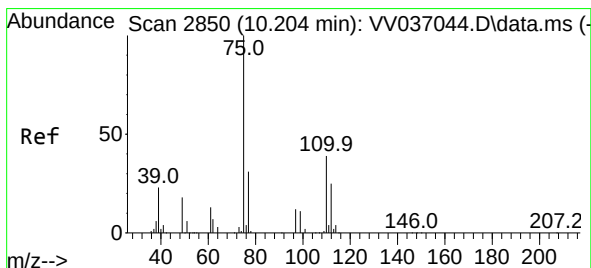
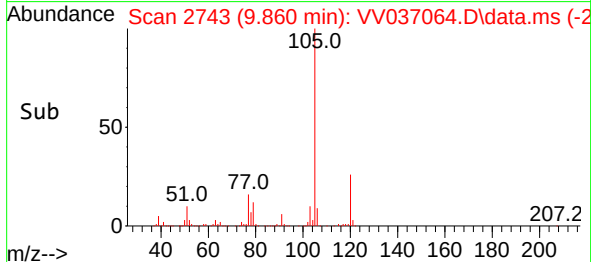
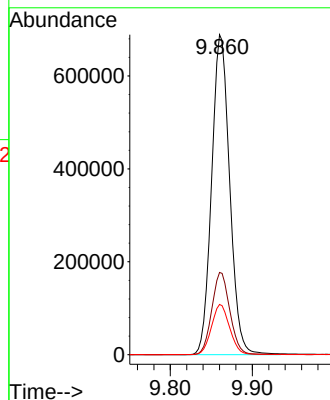
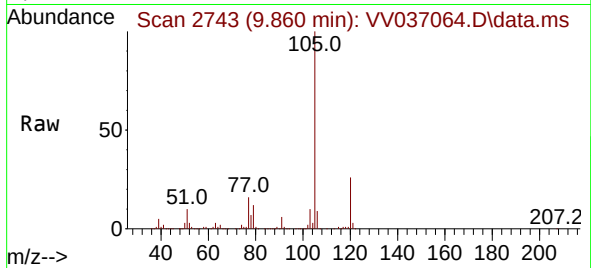




#60
Isopropylbenzene
Concen: 54.443 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

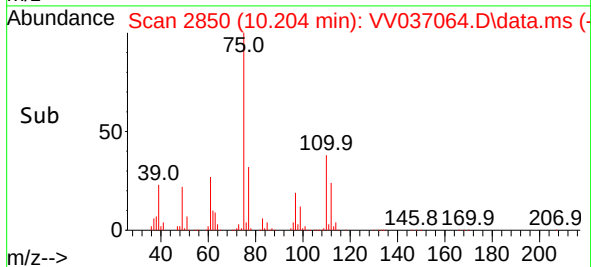
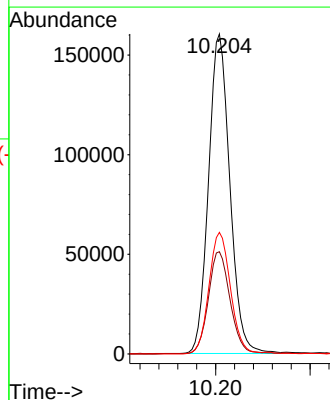
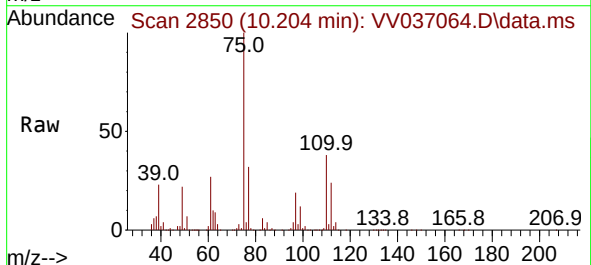
Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

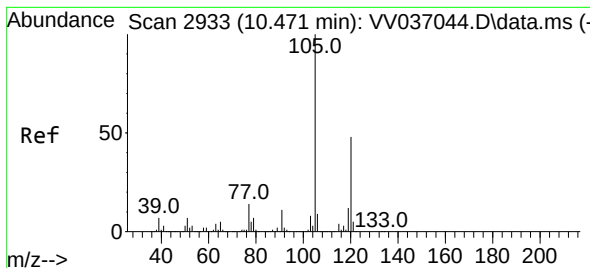
Tgt Ion:105 Resp: 1052272
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 54.051 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion: 75 Resp: 250684
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
110 38.6 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 54.398 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

Instrument :

MSVOA_V

ClientSampleId :

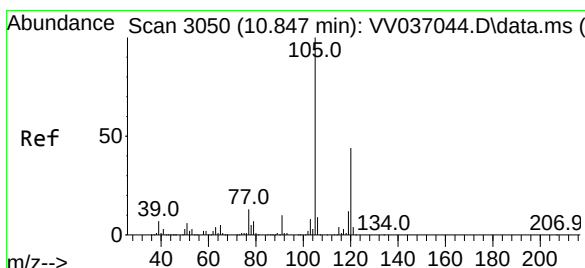
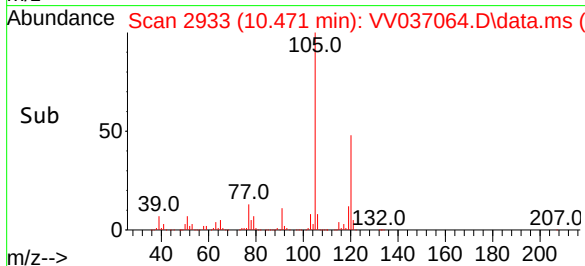
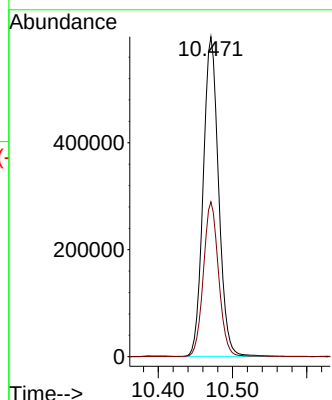
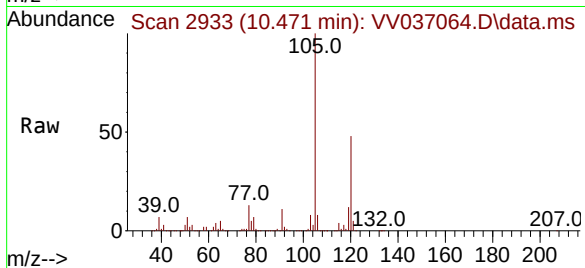
E1K63MS

Tgt Ion:105 Resp: 860214

Ion Ratio Lower Upper

105 100

120 47.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 54.660 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV037064.D

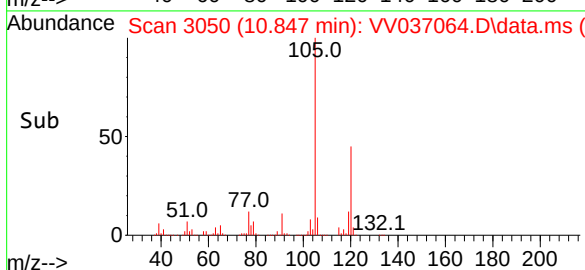
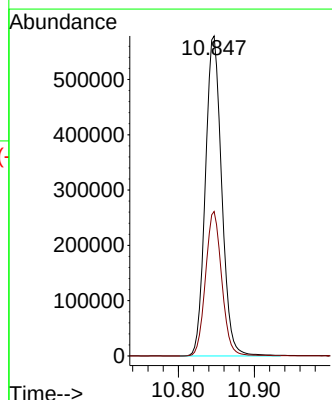
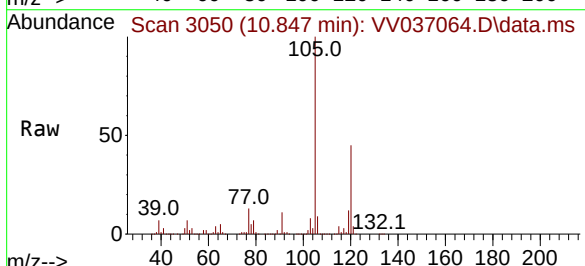
Acq: 27 Aug 2024 05:23

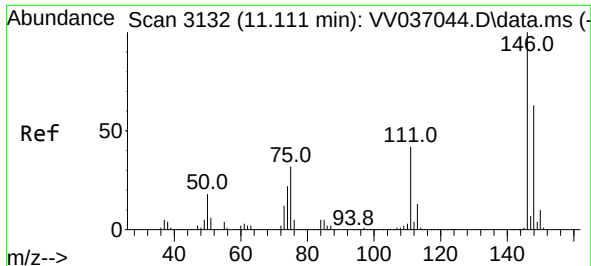
Tgt Ion:105 Resp: 862604

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.6

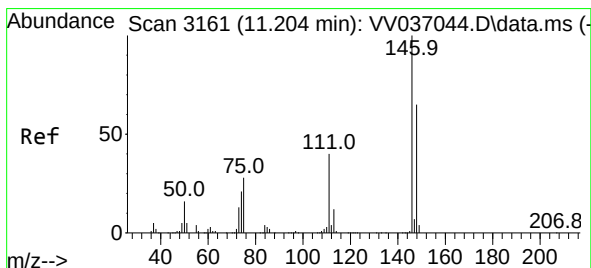
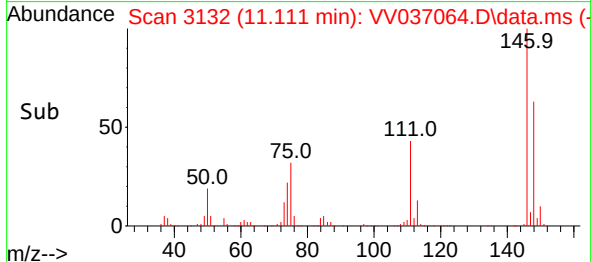
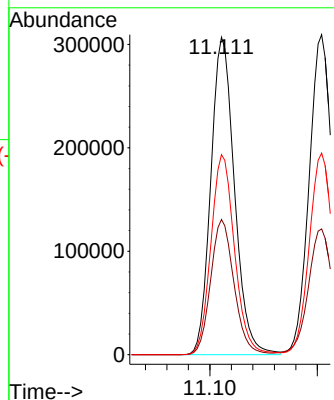
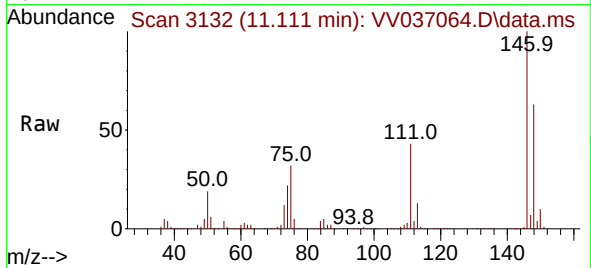




#64
1,3-Dichlorobenzene
Concen: 52.623 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

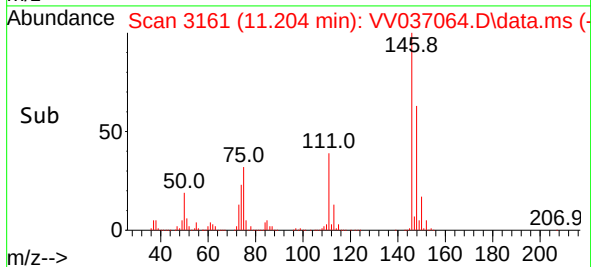
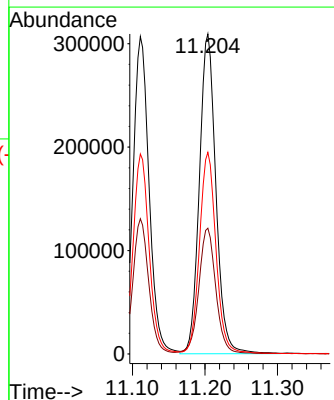
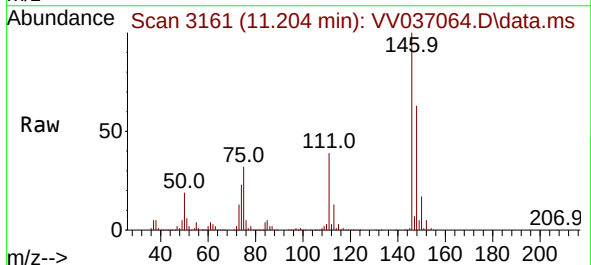
Instrument :
MSVOA_V
ClientSampleId :
E1K63MS

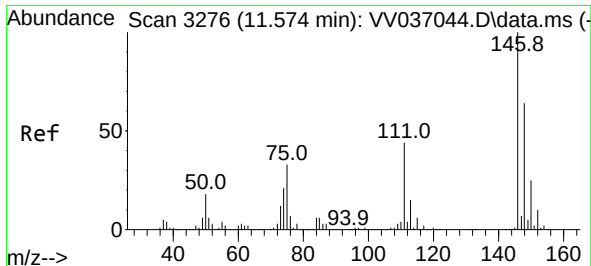
Tgt Ion:146 Resp: 469661
Ion Ratio Lower Upper
146 100
111 42.6 29.7 55.1
148 63.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 53.699 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV037064.D
Acq: 27 Aug 2024 05:23

Tgt Ion:146 Resp: 490526
Ion Ratio Lower Upper
146 100
111 39.3 28.1 52.1
148 63.0 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 53.393 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

Instrument :

MSVOA_V

ClientSampleId :

E1K63MS

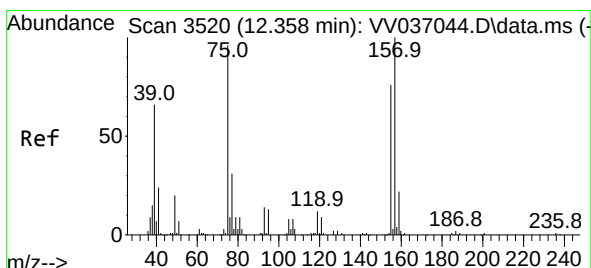
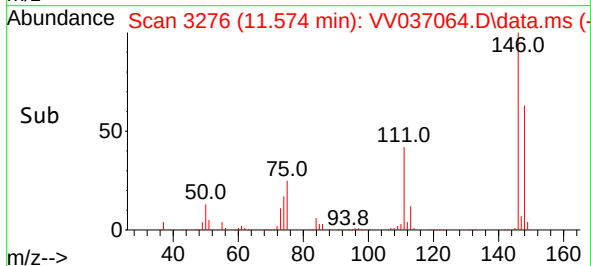
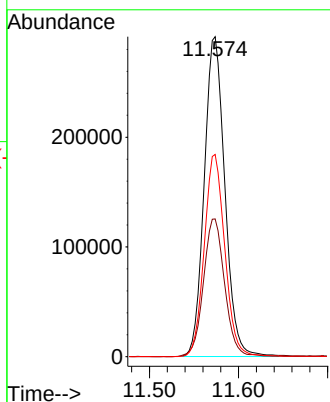
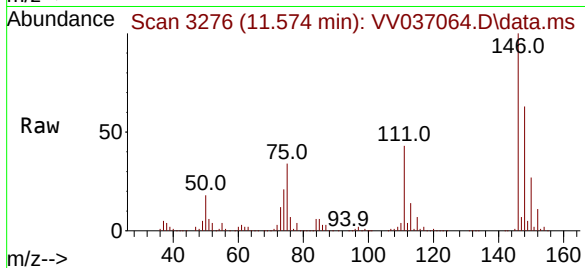
Tgt Ion:146 Resp: 468561

Ion Ratio Lower Upper

146 100

111 43.1 34.6 51.8

148 63.2 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 51.202 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

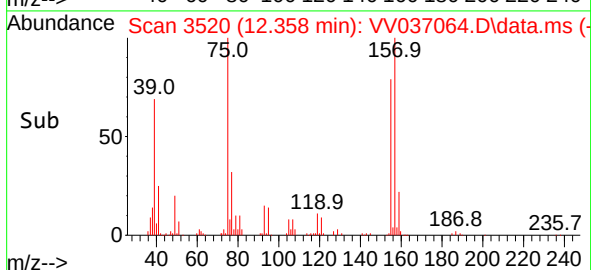
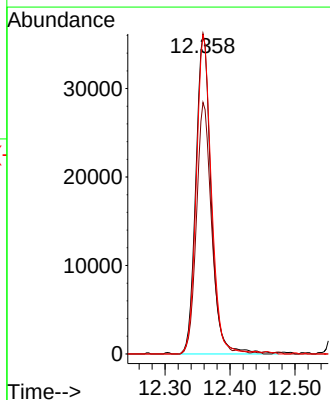
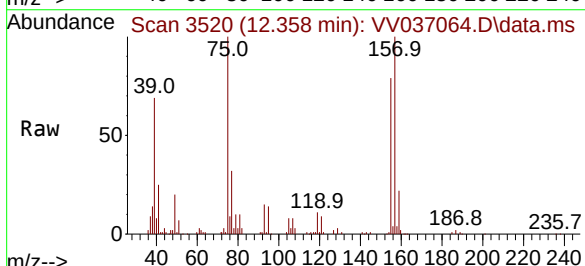
Tgt Ion: 75 Resp: 59221

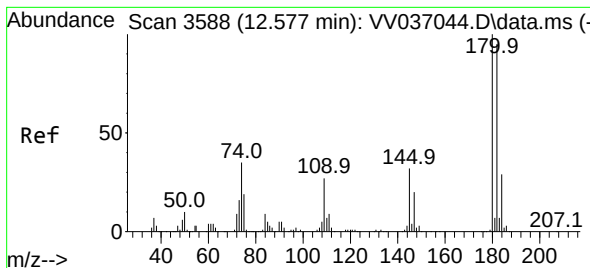
Ion Ratio Lower Upper

75 100

155 78.6 61.8 92.6

157 99.8 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 51.098 ug/L

RT: 12.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

Instrument :

MSVOA_V

ClientSampleId :

E1K63MS

Tgt Ion:180 Resp: 317322

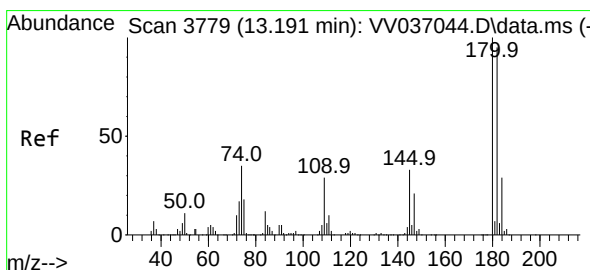
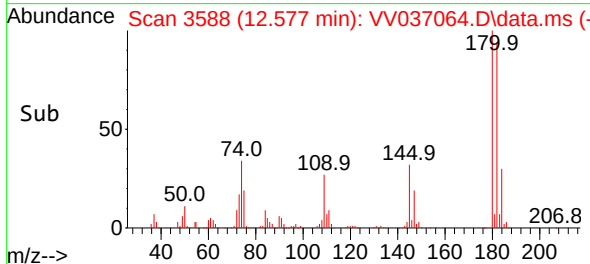
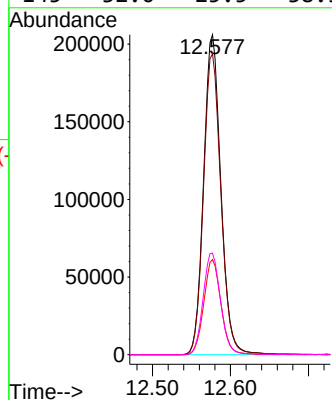
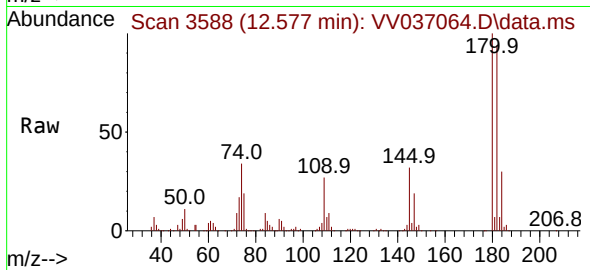
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

184 29.7 24.2 36.2

145 32.0 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 51.282 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

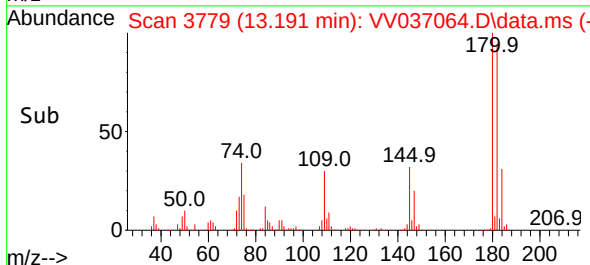
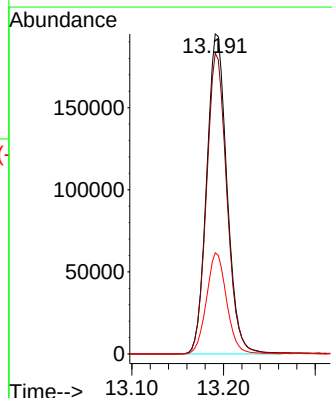
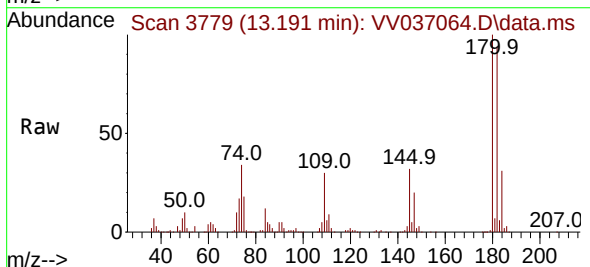
Tgt Ion:180 Resp: 299883

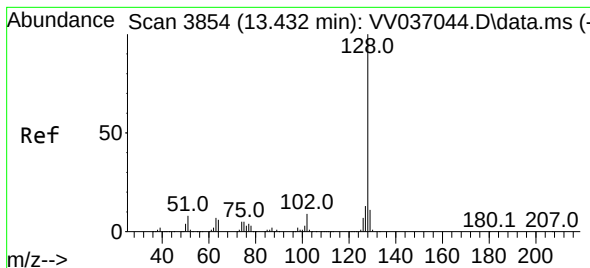
Ion Ratio Lower Upper

180 100

182 94.2 75.7 113.5

145 31.4 26.0 39.0





#71

Naphthalene

Concen: 52.480 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

Instrument :

MSVOA_V

ClientSampleId :

E1K63MS

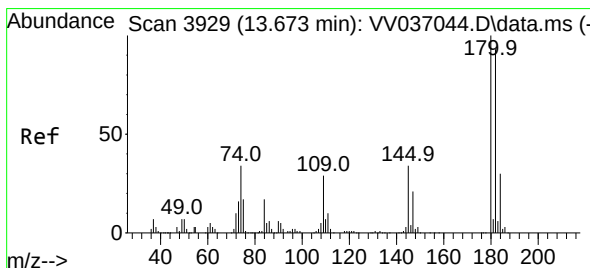
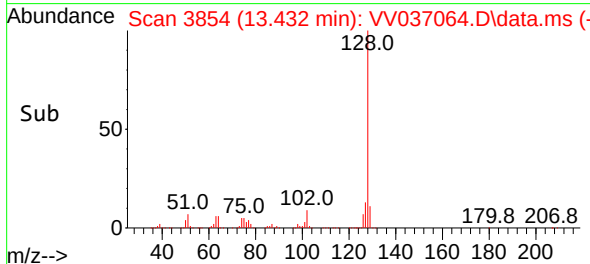
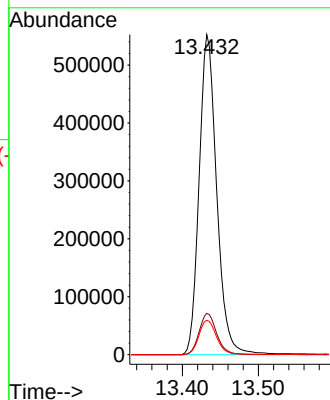
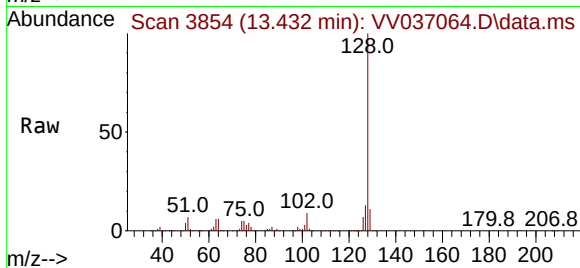
Tgt Ion:128 Resp: 886169

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 52.015 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037064.D

Acq: 27 Aug 2024 05:23

Tgt Ion:180 Resp: 299751

Ion Ratio Lower Upper

180 100

182 95.3 75.1 112.7

145 35.0 27.0 40.4

