

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062923\
 Data File : VW031624.D
 Acq On : 29 Jun 2023 16:33
 Operator : SY/MD
 Sample : 03422-14MSDME
 Misc : 7.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A46K7MSD

Quant Time: Jun 30 04:29:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 30 04:25:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	235215	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	236273	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	142837	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75795	48.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.840%
7) Chloroethane-d5	1.532	69	68691	50.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.580%
11) 1,1-Dichloroethene-d2	2.060	65	38225	47.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.760%
21) 2-Butanone-d5	3.793	46	139745	110.246	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.250%
24) Chloroform-d	4.256	84	176970	45.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.280%
26) 1,2-Dichloroethane-d4	4.947	65	110828	45.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.360%
32) Benzene-d6	4.966	84	286615	43.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	5.995	67	105526	44.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.540%
41) Toluene-d8	7.249	98	260814	42.736	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.480%
43) trans-1,3-Dichloroprop...	7.558	79	49277	42.883	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.760%
47) 2-Hexanone-d5	7.957	63	78	0.084	ug/L	-0.07
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.080%#
56) 1,1,2,2-Tetrachloroeth...	10.159	84	171174	48.111	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.220%
66) 1,2-Dichlorobenzene-d4	11.567	152	111161	40.827	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	116016	46.501	ug/L	100
3) Chloromethane	1.217	50	124319	52.806	ug/L	100
5) Vinyl chloride	1.285	62	119592	51.244	ug/L	99
6) Bromomethane	1.484	94	72694	47.791	ug/L	96
8) Chloroethane	1.548	64	76522	50.767	ug/L	94
9) Trichlorofluoromethane	1.716	101	185588	47.800	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	103010	49.508	ug/L	97
12) 1,1-Dichloroethene	2.073	96	86963	49.967	ug/L	94
13) Acetone	2.114	43	113451	90.704	ug/L	96
14) Carbon disulfide	2.243	76	244901	46.519	ug/L	100
15) Methyl Acetate	2.375	43	123221	58.513	ug/L	99
16) Methylene chloride	2.452	84	103217	47.304	ug/L	95
17) trans-1,2-Dichloroethene	2.700	96	84828	46.693	ug/L	94
18) Methyl tert-butyl Ether	2.709	73	308689	50.923	ug/L	99
19) 1,1-Dichloroethane	3.117	63	199051	50.766	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	96859	49.335	ug/L	97
22) 2-Butanone	3.873	43	158423	101.388	ug/L	98
23) Bromochloromethane	4.153	128	52402	49.377	ug/L	93
25) Chloroform	4.281	83	197735	48.512	ug/L	99

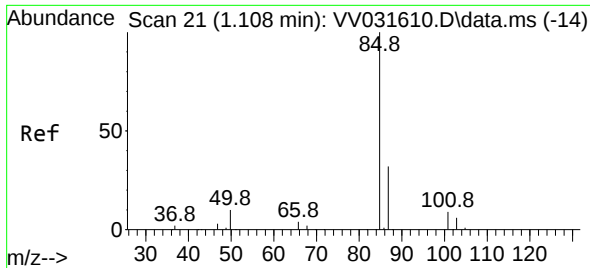
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062923\
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 Quant Title : VOC Analysis
 QLast Update : Fri Jun 30 04:25:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	163335	51.922	ug/L	99
29) Cyclohexane	4.590	56	146717	47.729	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	177172	46.770	ug/L	98
31) Carbon tetrachloride	4.741	117	152353	45.391	ug/L	98
33) Benzene	5.018	78	386492	49.132	ug/L	100
34) Trichloroethene	5.838	95	99458	47.315	ug/L	99
35) Methylcyclohexane	6.056	83	141030	45.534	ug/L	97
37) 1,2-Dichloropropane	6.098	63	113397	49.091	ug/L	100
38) Bromodichloromethane	6.439	83	150808	48.301	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	172864	50.414	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	326494	120.373	ug/L	97
42) Toluene	7.320	91	409668	50.228	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	170823	51.157	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	108811	49.865	ug/L	100
46) Tetrachloroethene	7.912	164	73408	44.495	ug/L	98
48) 2-Hexanone	8.082	43	250065	115.437	ug/L	95
49) Dibromochloromethane	8.182	129	116109	47.876	ug/L	100
50) 1,2-Dibromoethane	8.288	107	115450	49.689	ug/L	99
51) Chlorobenzene	8.818	112	257367	47.644	ug/L	99
52) Ethylbenzene	8.953	91	440745	48.429	ug/L	100
53) m,p-Xylene	9.079	106	160948	48.291	ug/L	95
54) o-Xylene	9.484	106	154129	48.732	ug/L	99
55) Styrene	9.500	104	291942	51.684	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	186402	52.281	ug/L	97
59) Bromoform	9.670	173	89852	50.748	ug/L #	99
60) Isopropylbenzene	9.873	105	432075	47.448	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	144669	51.279	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	347839	46.217	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	328134	46.792	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	213385	46.739	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	222147	45.663	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	213707	46.379	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	43969	52.510	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	157508	45.277	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	141959	46.556	ug/L	99
71) Naphthalene	13.445	128	424394	54.948	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	156283	49.321	ug/L	97

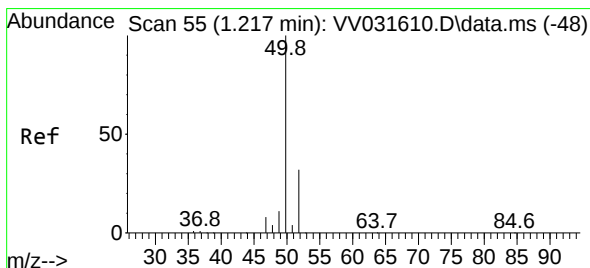
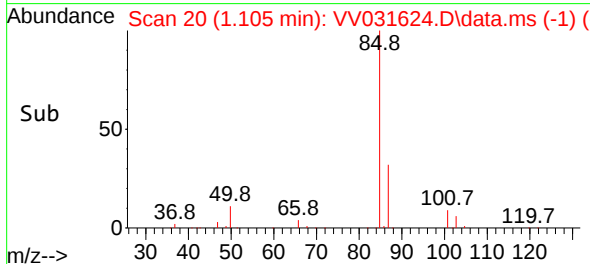
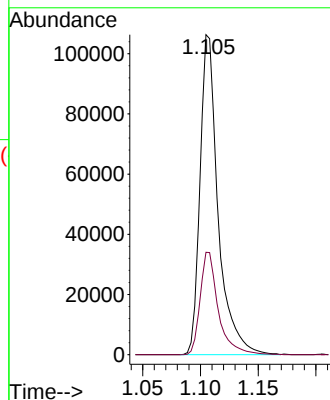
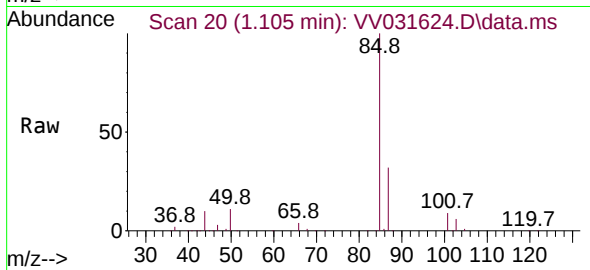
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 46.501 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

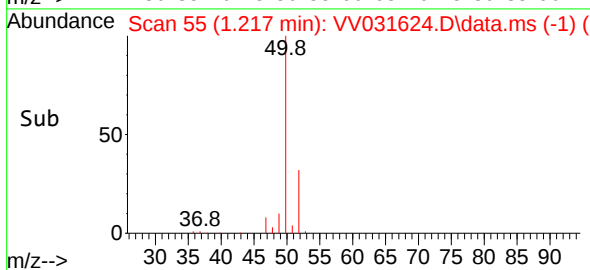
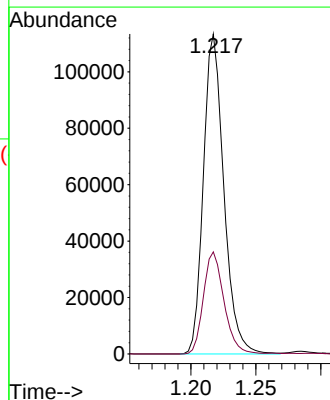
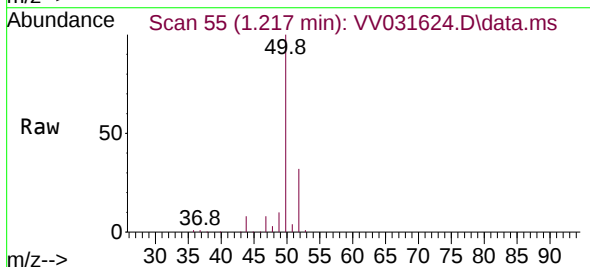
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

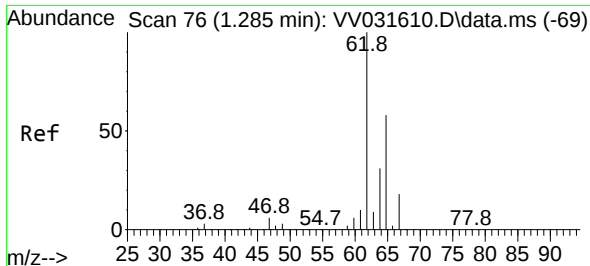
Tgt Ion: 85 Resp: 116016
Ion Ratio Lower Upper
85 100
87 32.2 25.5 38.3



#3
Chloromethane
Concen: 52.806 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 50 Resp: 124319
Ion Ratio Lower Upper
50 100
52 31.9 22.3 41.5

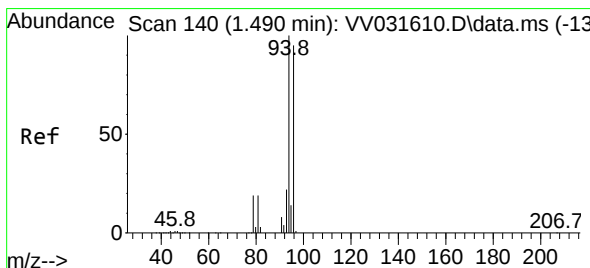
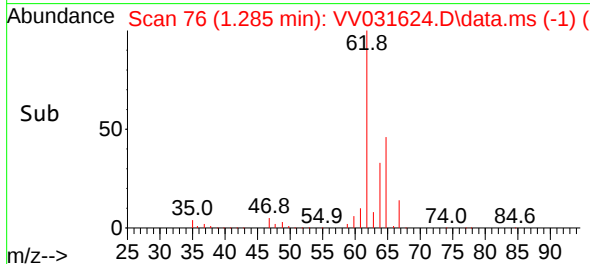
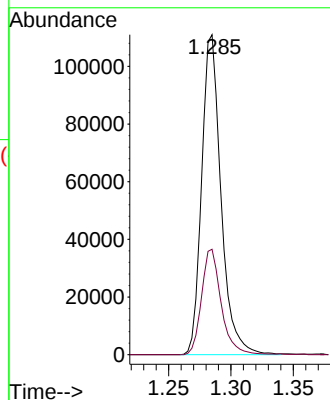
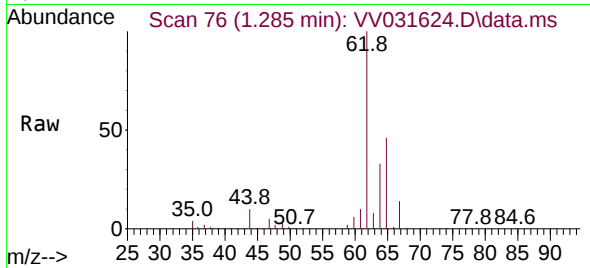




#5
 Vinyl chloride
 Concen: 51.244 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV031624.D
 Acq: 29 Jun 2023 16:33

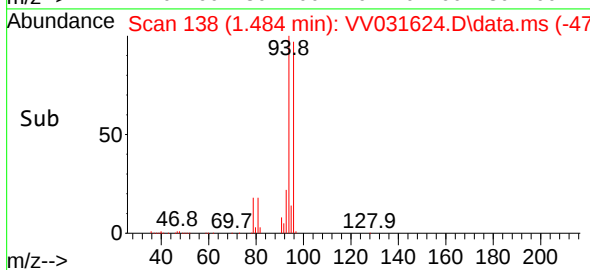
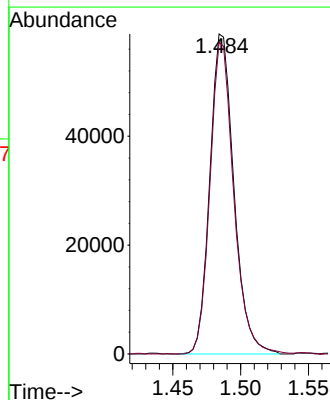
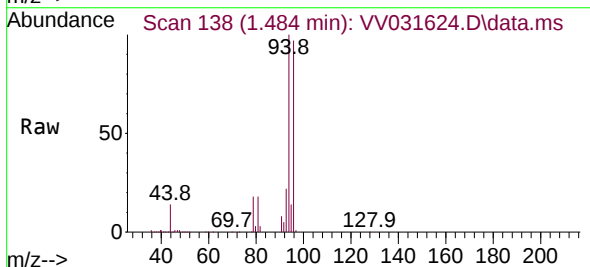
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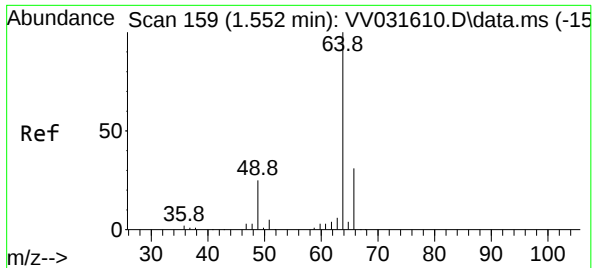
Tgt Ion: 62 Resp: 119592
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 47.791 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.006 min
 Lab File: VV031624.D
 Acq: 29 Jun 2023 16:33

Tgt Ion: 94 Resp: 72694
 Ion Ratio Lower Upper
 94 100
 96 97.4 65.4 121.4

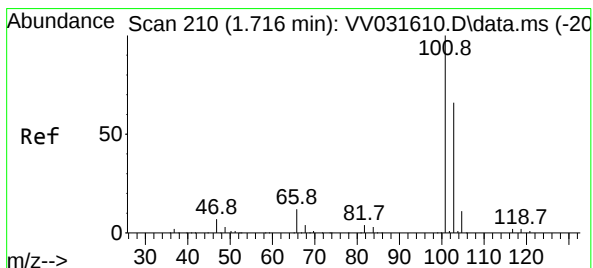
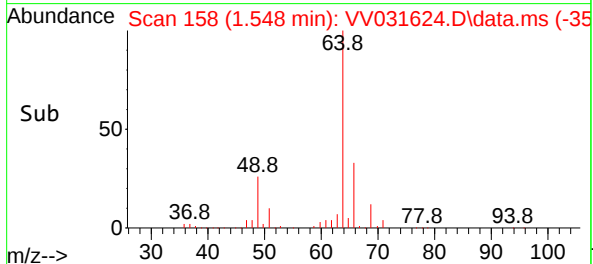
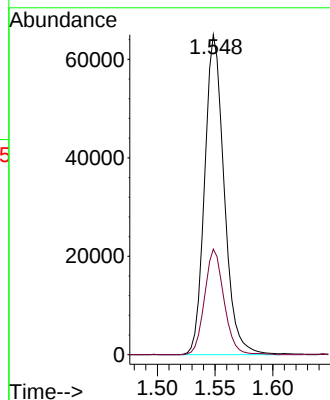
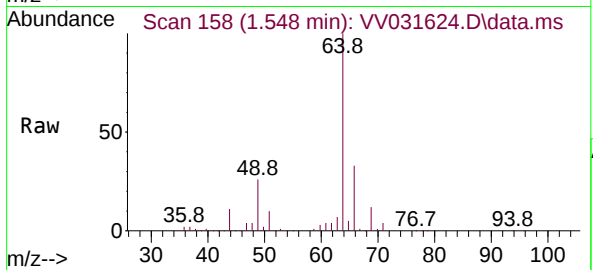




#8
Chloroethane
Concen: 50.767 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

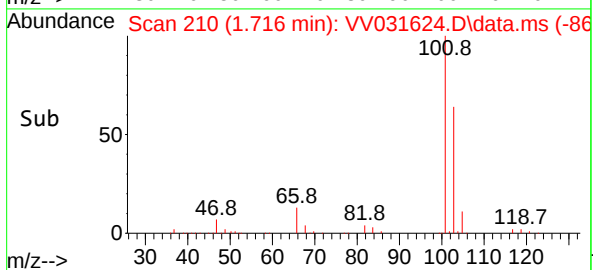
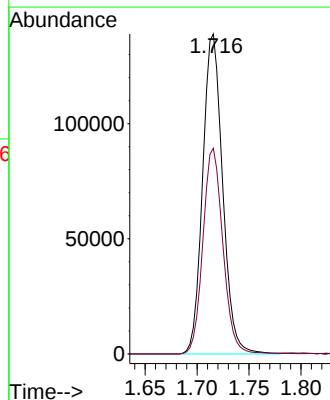
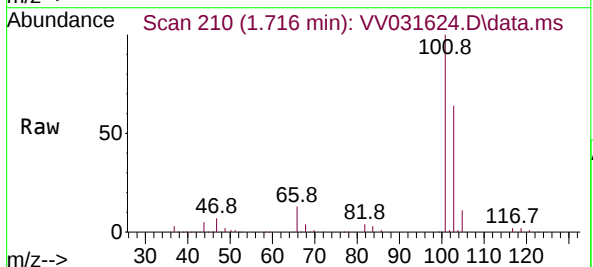
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ClientSampleId :
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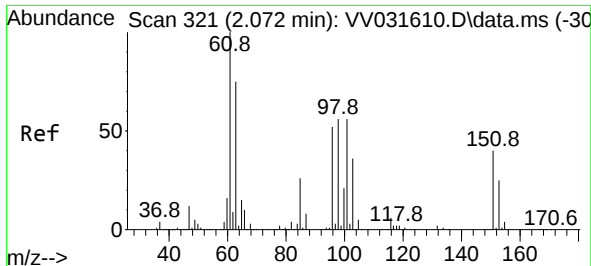
Tgt Ion: 64 Resp: 76522
Ion Ratio Lower Upper
64 100
66 33.0 21.0 39.0



#9
Trichlorofluoromethane
Concen: 47.800 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion:101 Resp: 185588
Ion Ratio Lower Upper
101 100
103 64.3 50.9 76.3

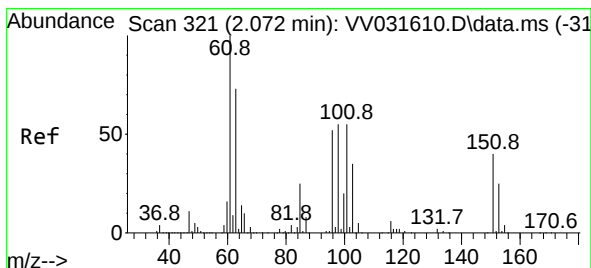
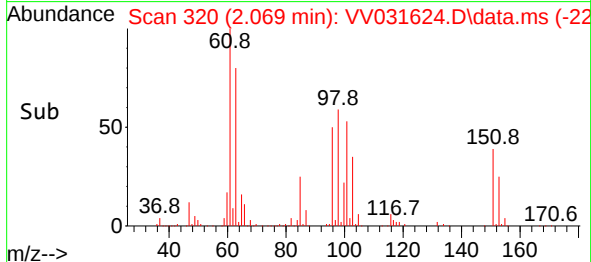
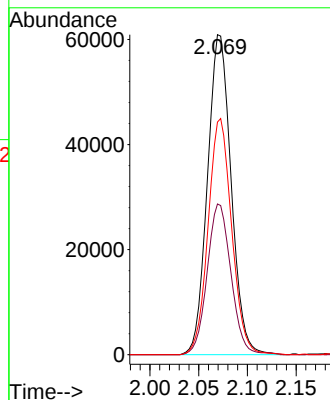
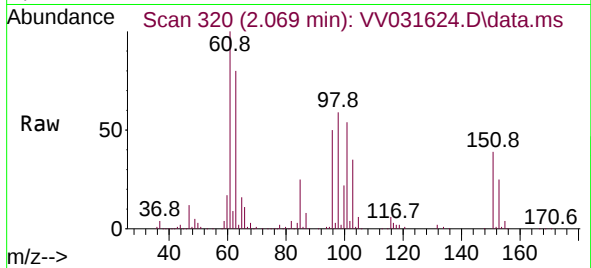




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.508 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV031624.D
 Acq: 29 Jun 2023 16:33

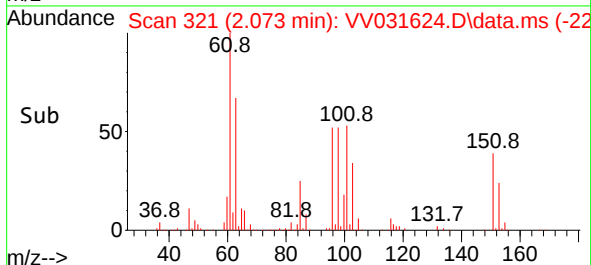
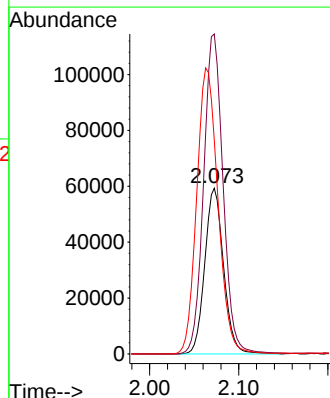
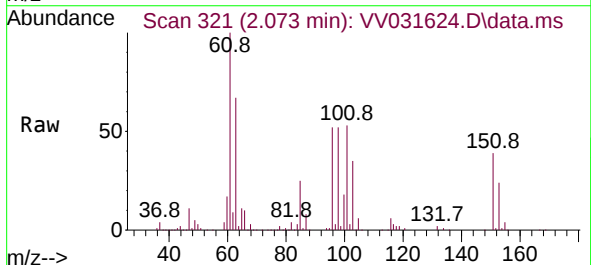
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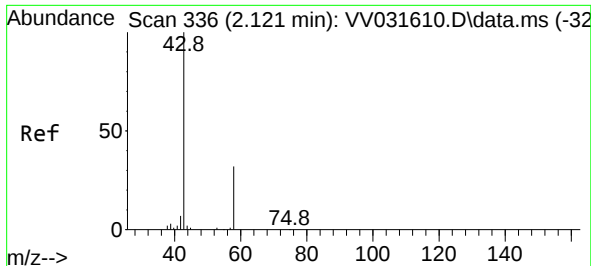
Tgt Ion:101 Resp: 103010
 Ion Ratio Lower Upper
 101 100
 85 47.0 37.4 56.0
 151 73.5 62.3 93.5



#12
 1,1-Dichloroethene
 Concen: 49.967 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031624.D
 Acq: 29 Jun 2023 16:33

Tgt Ion: 96 Resp: 86963
 Ion Ratio Lower Upper
 96 100
 61 193.1 128.9 239.5
 63 129.1 95.3 177.1





#13

Acetone

Concen: 90.704 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

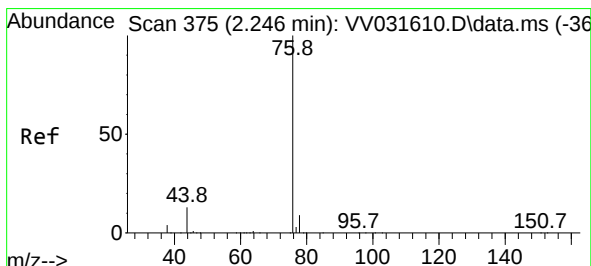
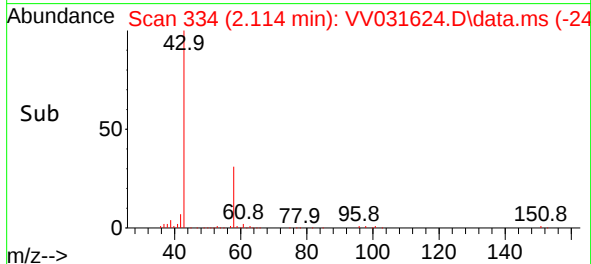
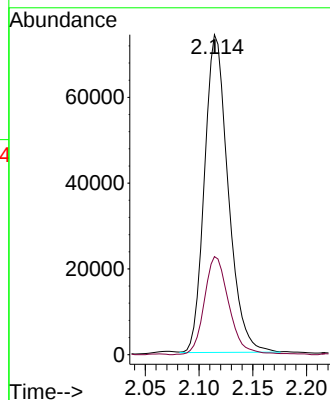
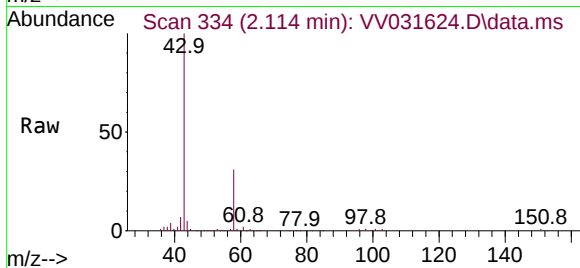
A46K7MSD

Tgt Ion: 43 Resp: 113451

Ion Ratio Lower Upper

43 100

58 32.1 0.0 68.6



#14

Carbon disulfide

Concen: 46.519 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV031624.D

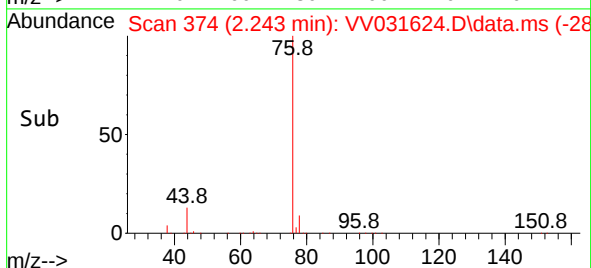
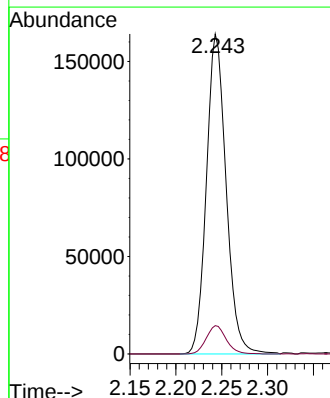
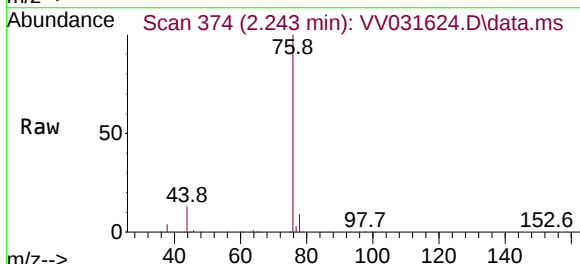
Acq: 29 Jun 2023 16:33

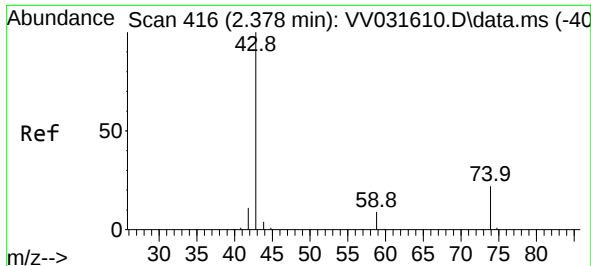
Tgt Ion: 76 Resp: 244901

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

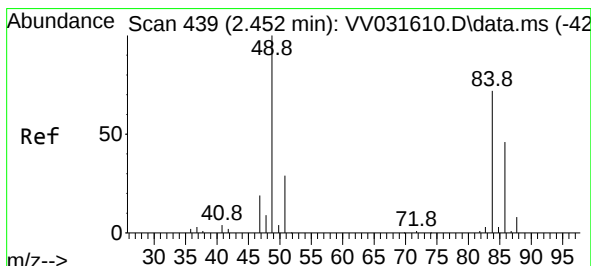
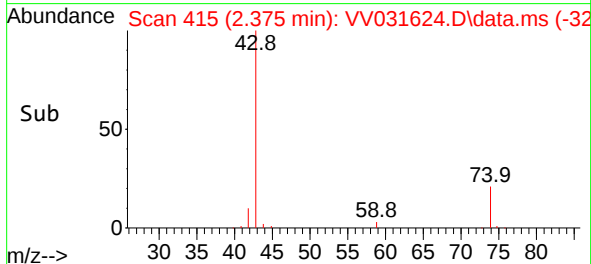
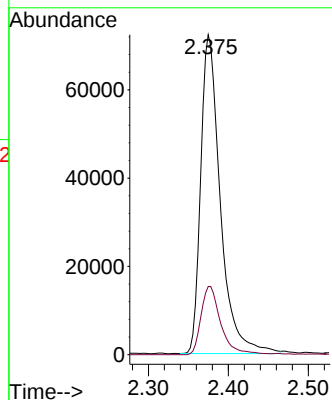
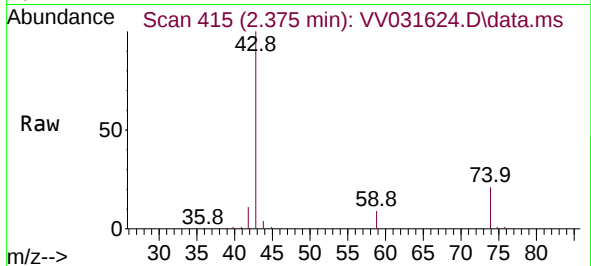




#15
Methyl Acetate
Concen: 58.513 ug/L
RT: 2.375 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

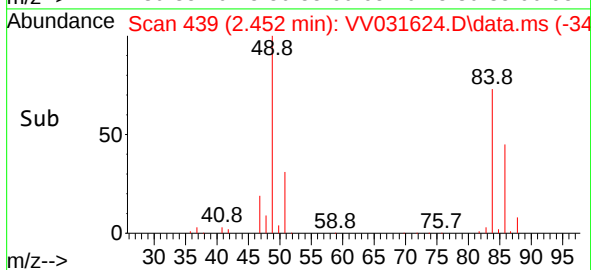
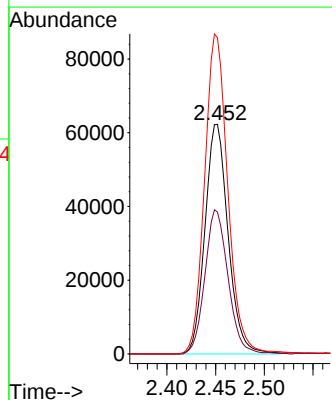
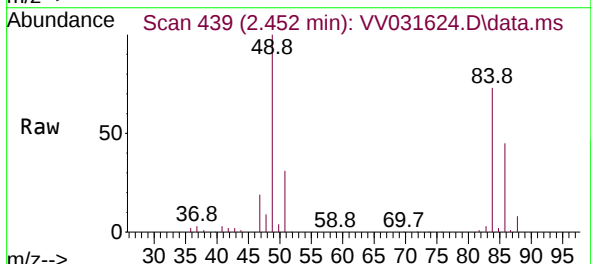
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

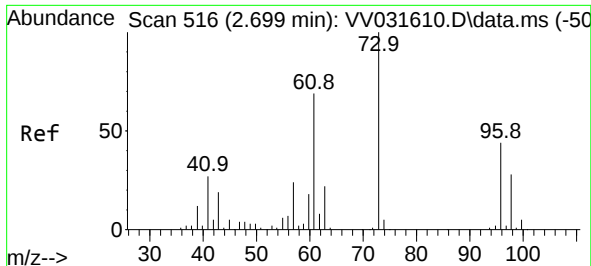
Tgt Ion: 43 Resp: 123221
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.6



#16
Methylene chloride
Concen: 47.304 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 84 Resp: 103217
Ion Ratio Lower Upper
84 100
86 62.7 45.8 85.0
49 137.7 92.1 171.1

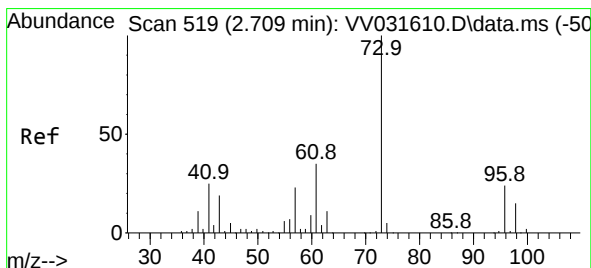
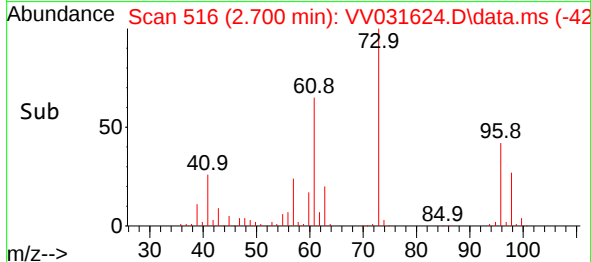
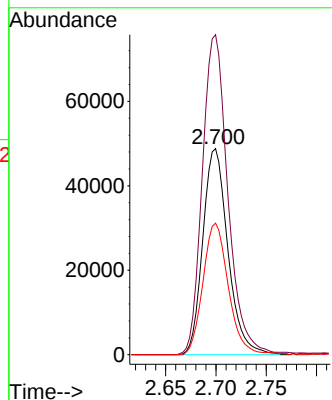
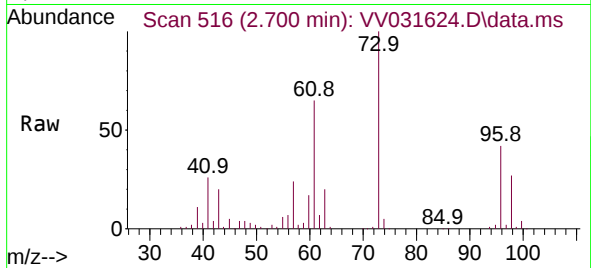




#17
trans-1,2-Dichloroethene
Concen: 46.693 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

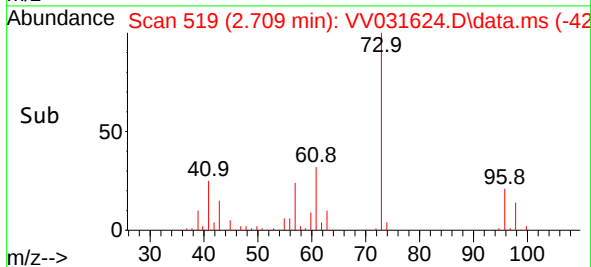
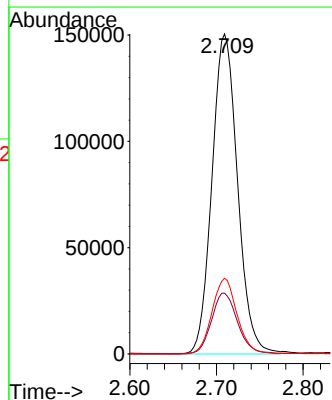
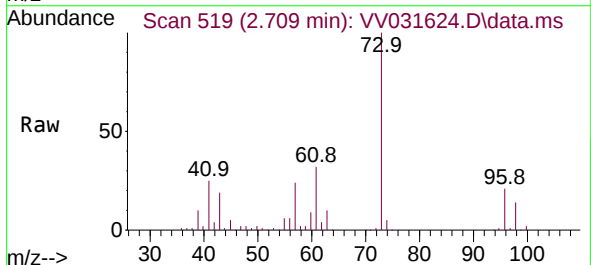
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

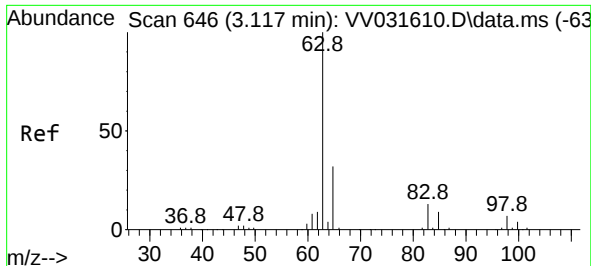
Tgt Ion: 96 Resp: 84828
Ion Ratio Lower Upper
96 100
61 155.3 102.5 190.3
98 66.1 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 50.923 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 73 Resp: 308689
Ion Ratio Lower Upper
73 100
43 19.1 15.0 22.4
57 23.2 18.2 27.4

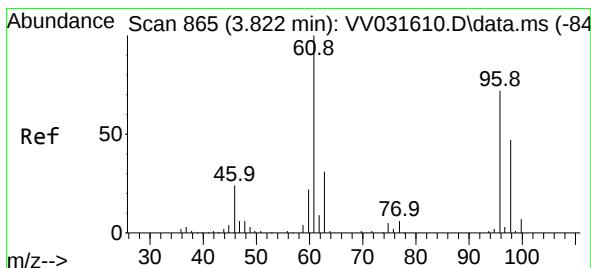
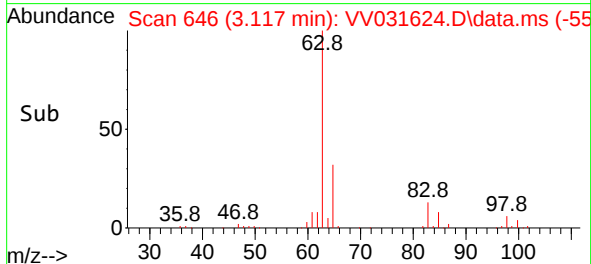
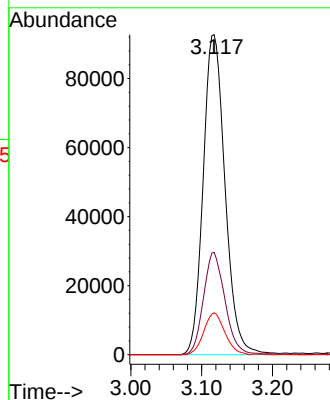
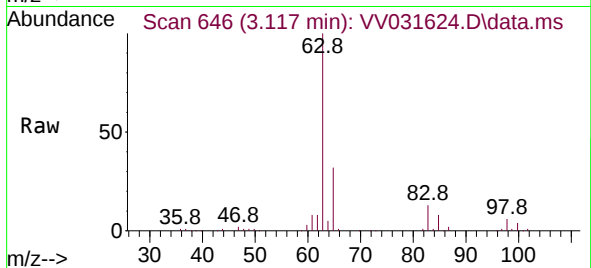




#19
1,1-Dichloroethane
Concen: 50.766 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

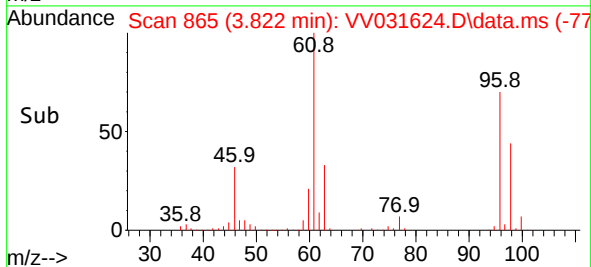
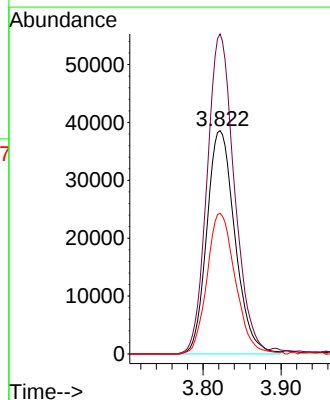
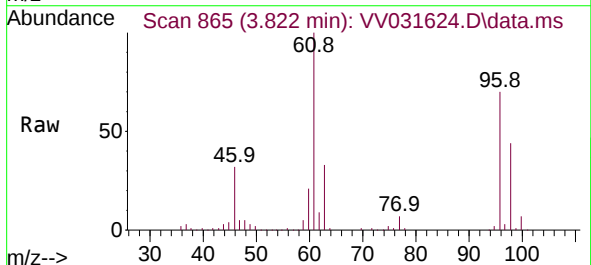
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

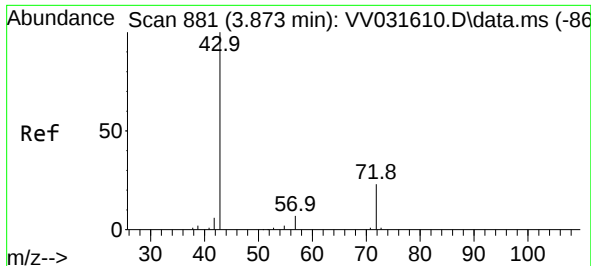
Tgt Ion: 63 Resp: 199051
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.7
83 13.1 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 49.335 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 96 Resp: 96859
Ion Ratio Lower Upper
96 100
61 138.3 98.6 183.0
98 60.8 45.7 84.9

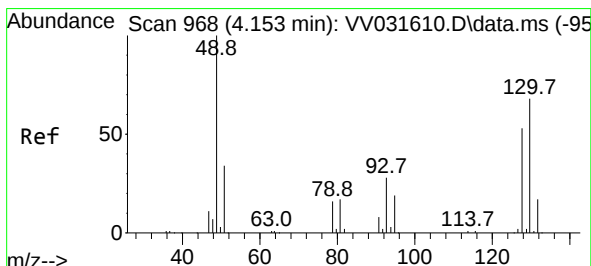
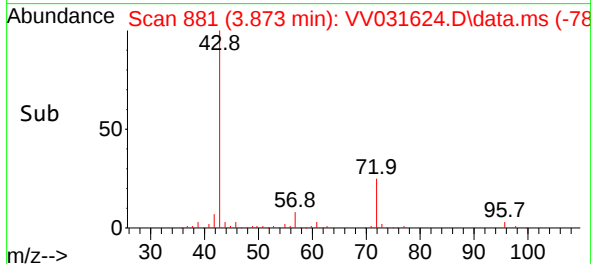
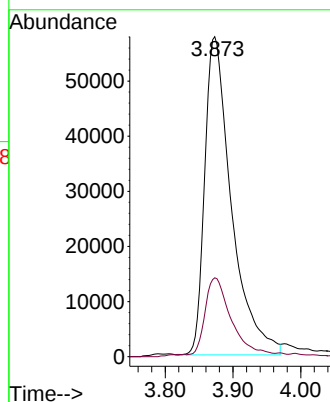
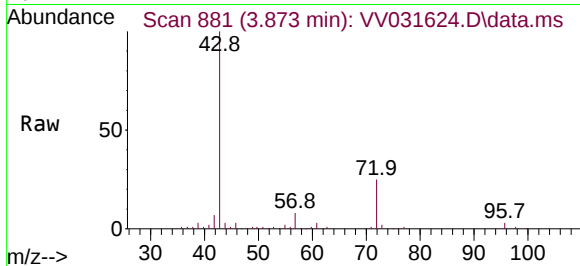




#22
2-Butanone
Concen: 101.388 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

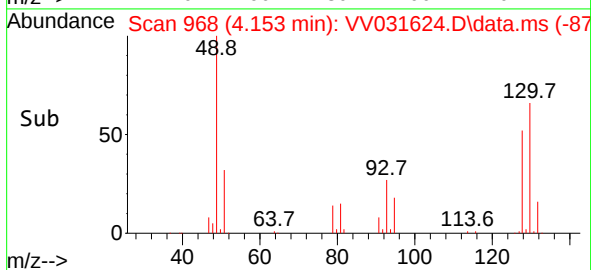
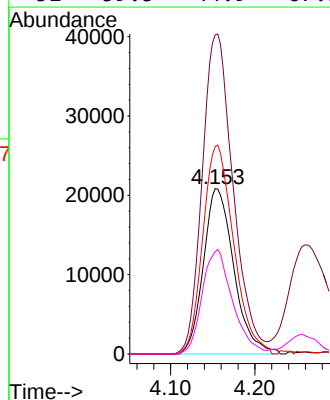
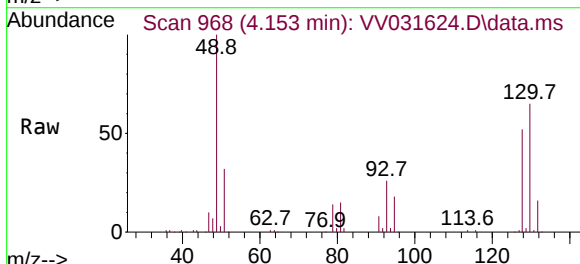
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

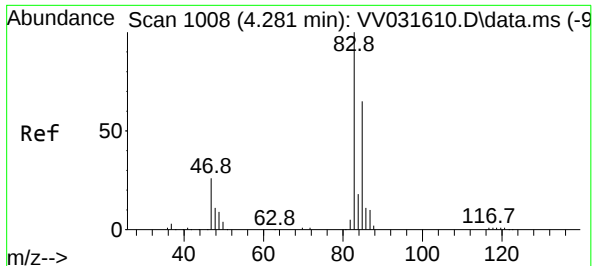
Tgt Ion: 43 Resp: 158423
Ion Ratio Lower Upper
43 100
72 23.5 12.2 36.4



#23
Bromochloromethane
Concen: 49.377 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion:128 Resp: 52402
Ion Ratio Lower Upper
128 100
49 186.1 120.6 224.0
130 123.0 88.1 163.7
51 59.5 44.9 67.3





#25

Chloroform

Concen: 48.512 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

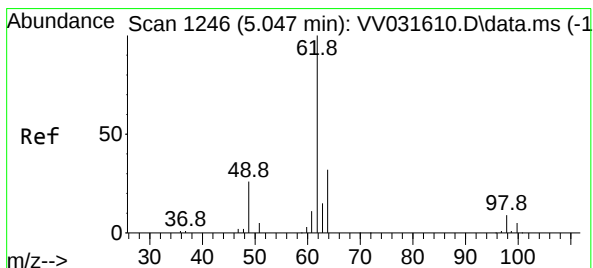
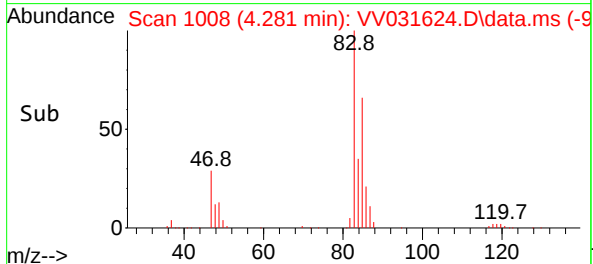
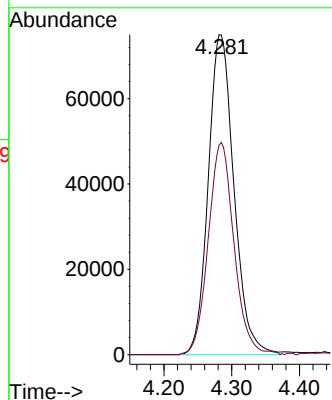
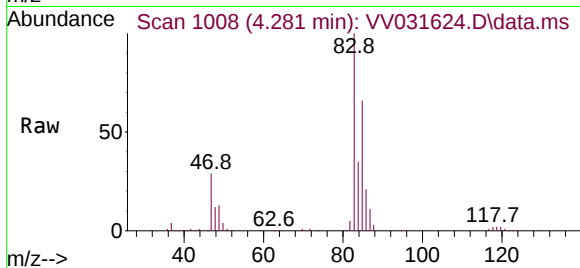
A46K7MSD

Tgt Ion: 83 Resp: 197735

Ion Ratio Lower Upper

83 100

85 65.5 45.3 84.1



#27

1,2-Dichloroethane

Concen: 51.922 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV031624.D

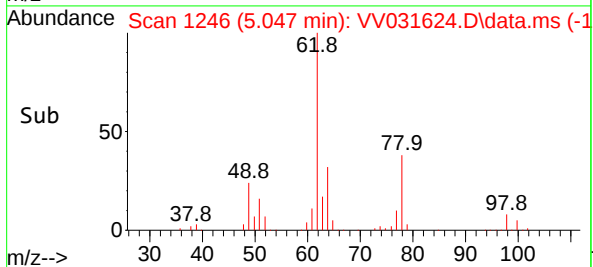
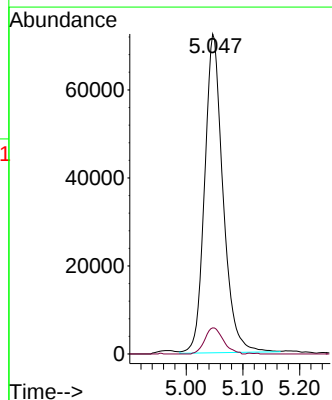
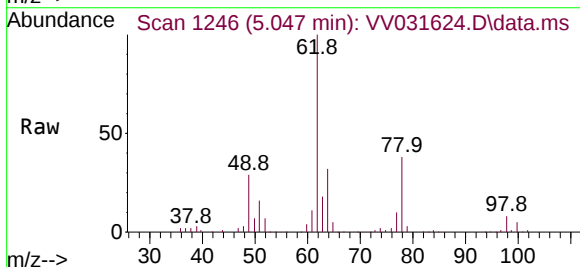
Acq: 29 Jun 2023 16:33

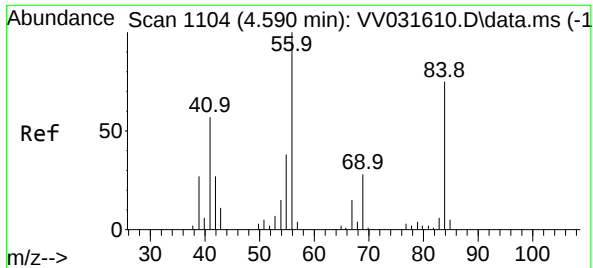
Tgt Ion: 62 Resp: 163335

Ion Ratio Lower Upper

62 100

98 8.7 6.6 9.8





#29

Cyclohexane

Concen: 47.729 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

A46K7MSD

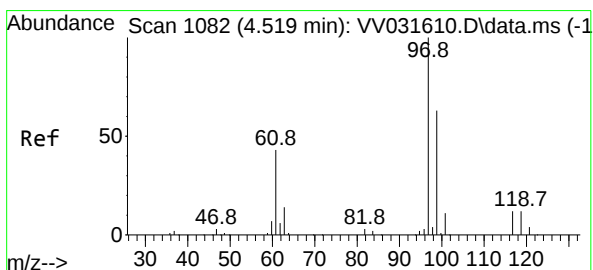
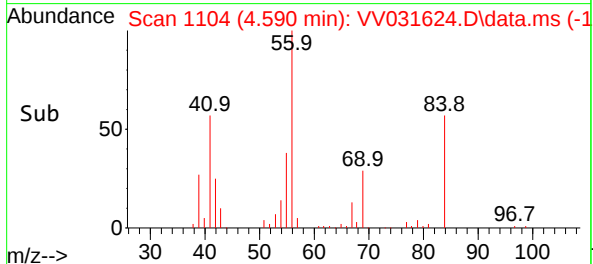
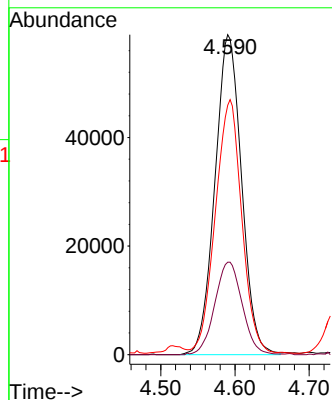
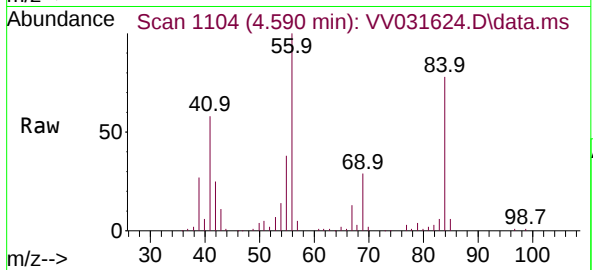
Tgt Ion: 56 Resp: 146717

Ion Ratio Lower Upper

56 100

69 29.7 24.3 36.5

84 78.1 65.0 97.6



#30

1,1,1-Trichloroethane

Concen: 46.770 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

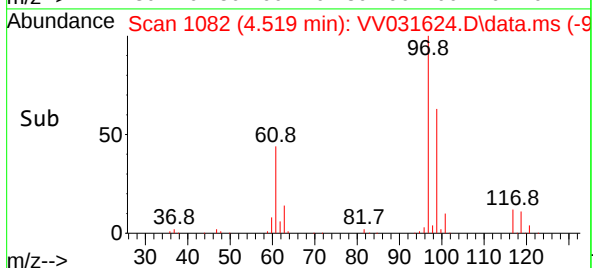
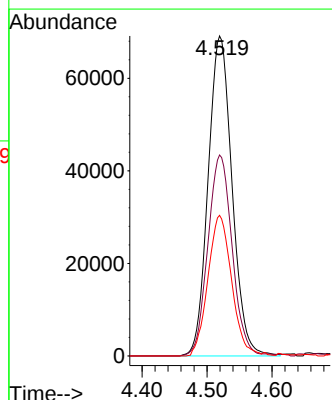
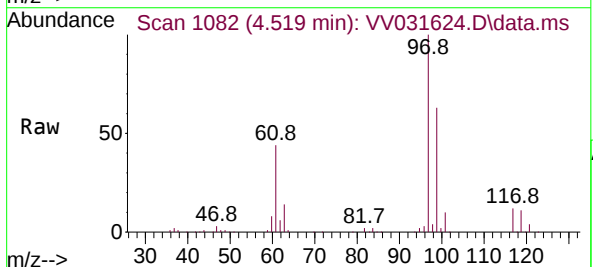
Tgt Ion: 97 Resp: 177172

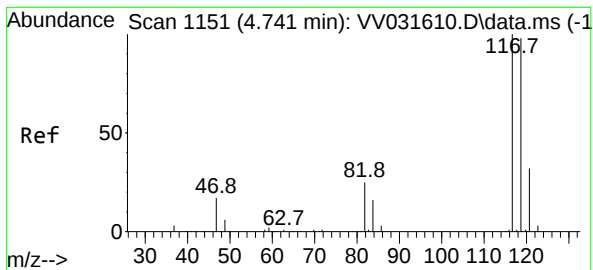
Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.6

61 43.4 33.0 49.6

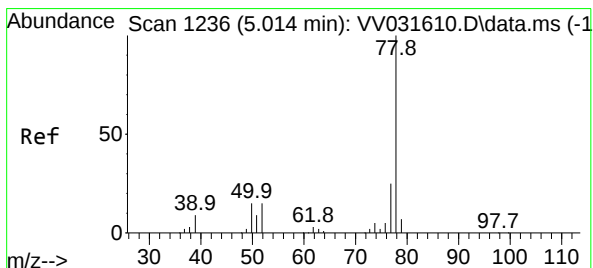
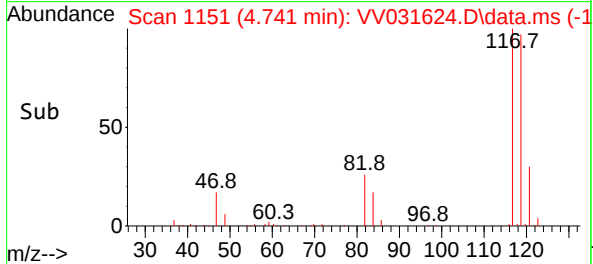
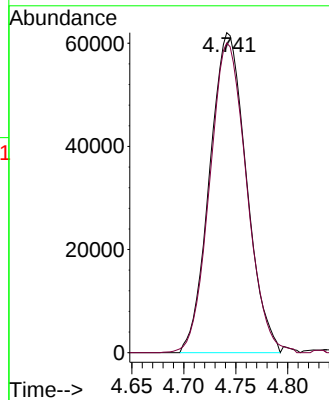
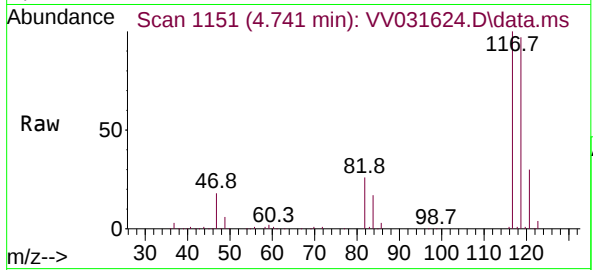




#31
Carbon tetrachloride
Concen: 45.391 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

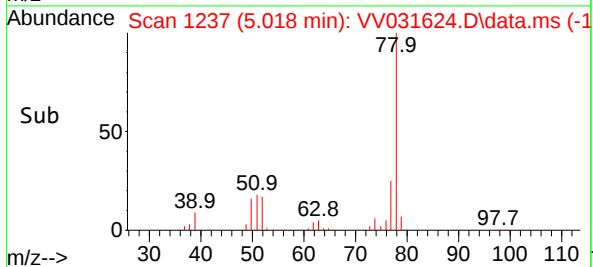
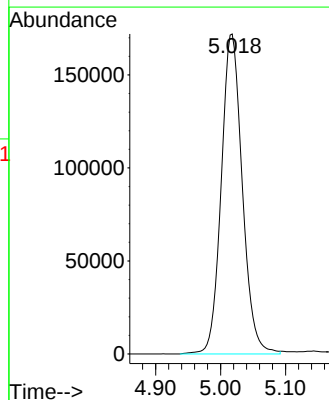
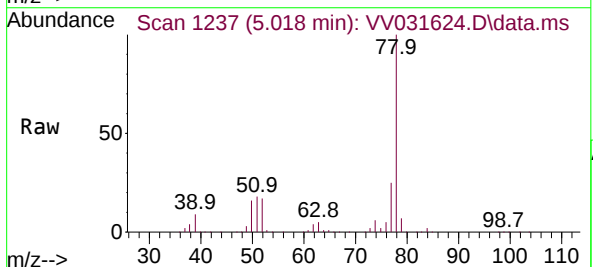
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

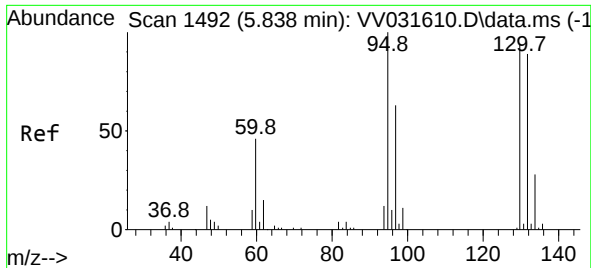
Tgt Ion:117 Resp: 152353
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.4



#33
Benzene
Concen: 49.132 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 78 Resp: 386492



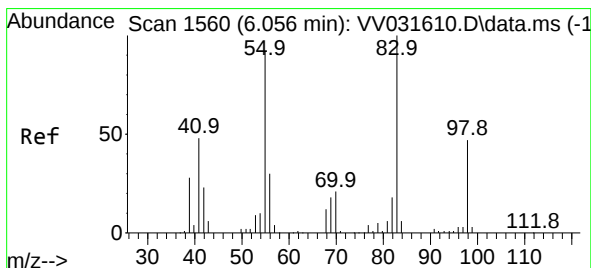
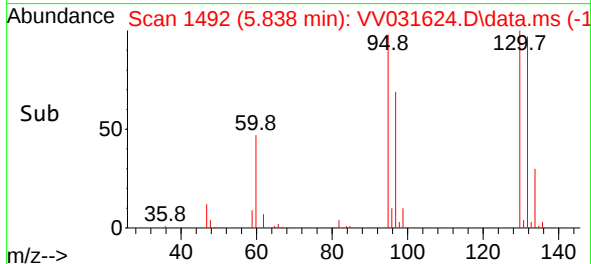
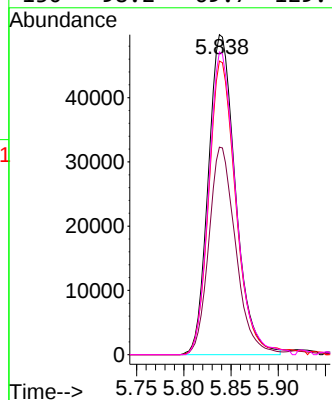
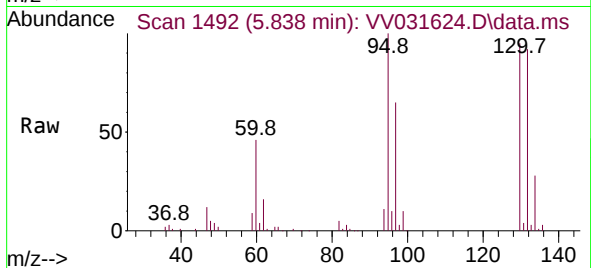


#34
Trichloroethene
Concen: 47.315 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

Tgt Ion: 95 Resp: 99458

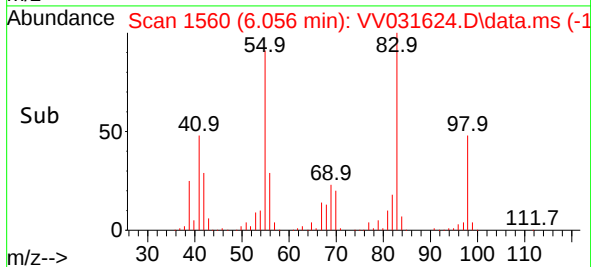
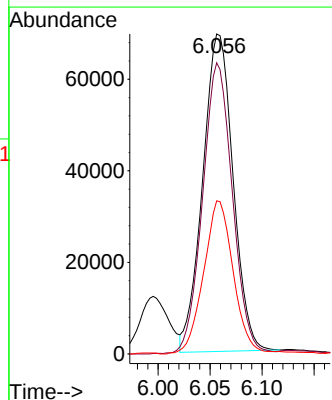
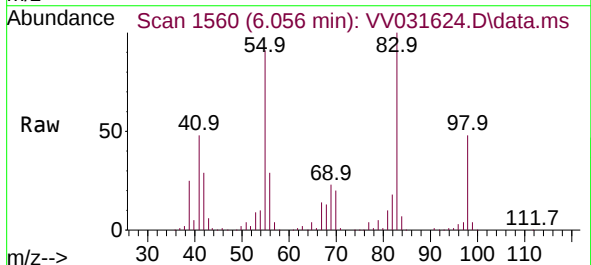
Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.8	86.8
132	94.6	66.4	123.2
130	98.2	69.7	129.4

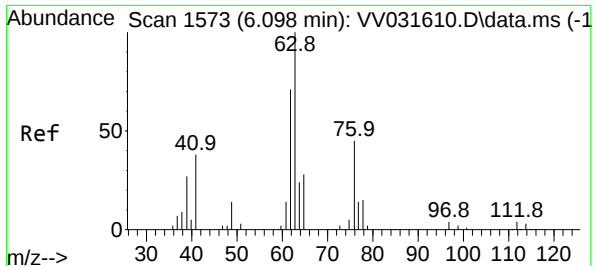


#35
Methylcyclohexane
Concen: 45.534 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 83 Resp: 141030

Ion	Ratio	Lower	Upper
83	100		
55	90.0	68.7	103.1
98	47.0	37.0	55.4

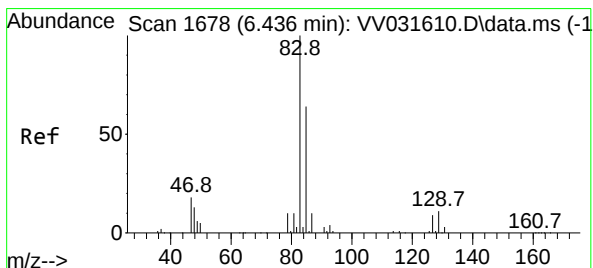
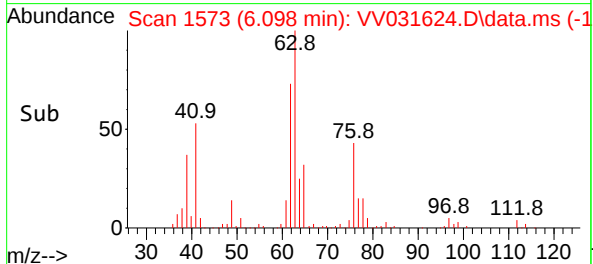
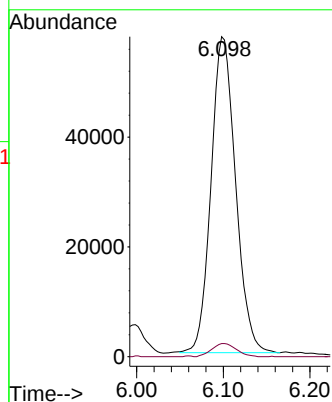
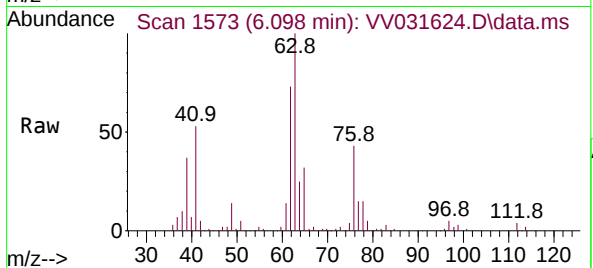




#37
1,2-Dichloropropane
Concen: 49.091 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

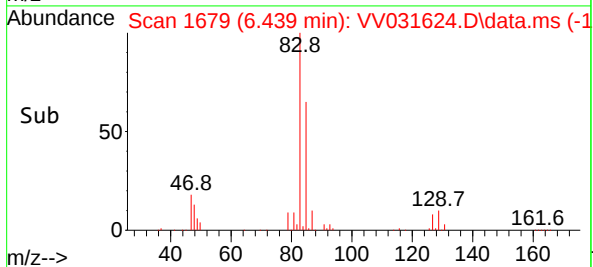
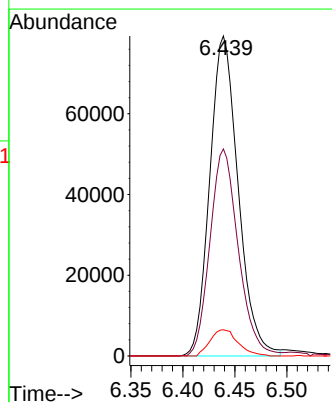
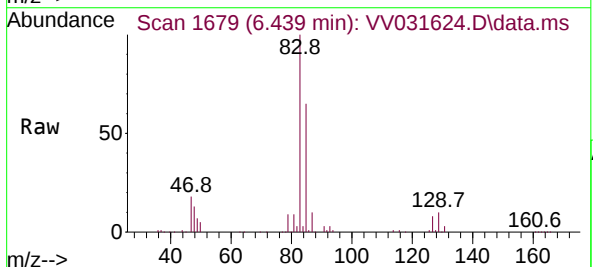
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

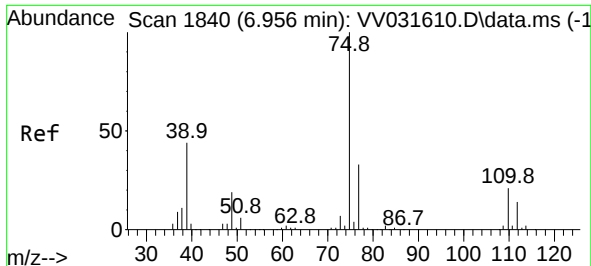
Tgt Ion: 63 Resp: 113397
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 48.301 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 83 Resp: 150808
Ion Ratio Lower Upper
83 100
85 65.8 45.3 84.1
127 9.0 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 50.414 ug/L

RT: 6.960 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

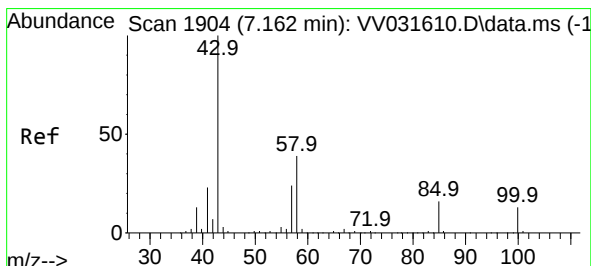
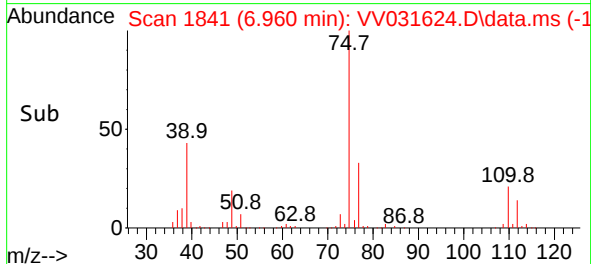
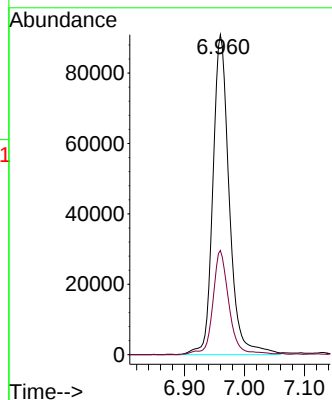
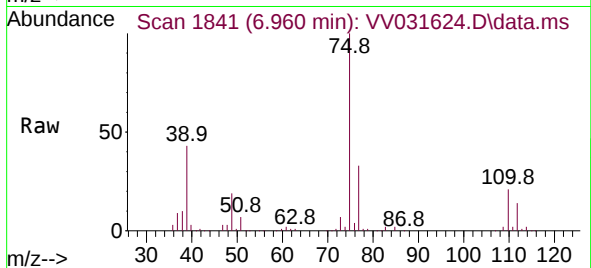
A46K7MSD

Tgt Ion: 75 Resp: 172864

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 120.373 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

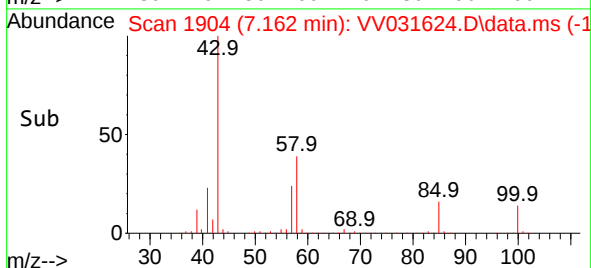
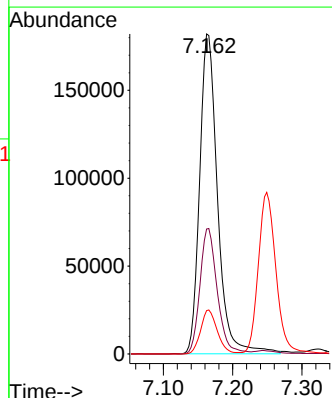
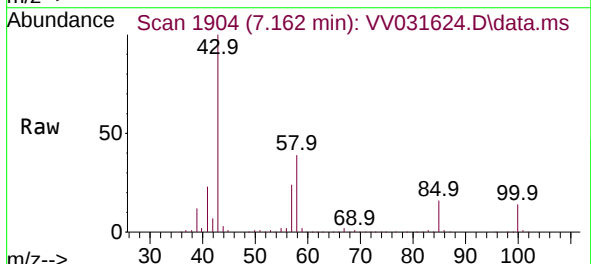
Tgt Ion: 43 Resp: 326494

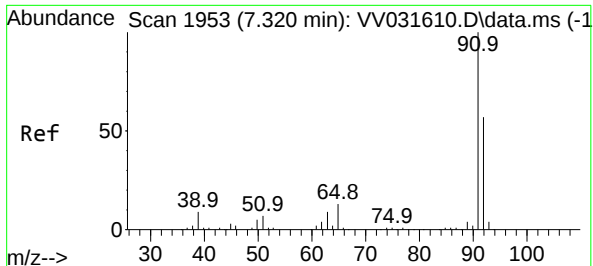
Ion Ratio Lower Upper

43 100

58 38.1 31.8 47.8

100 12.9 11.1 16.7





#42

Toluene

Concen: 50.228 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

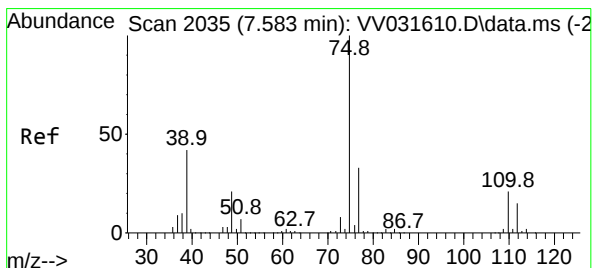
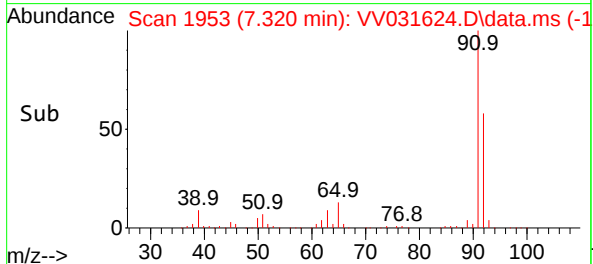
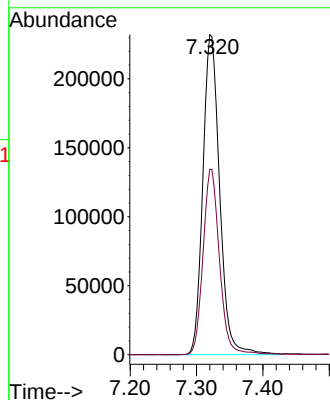
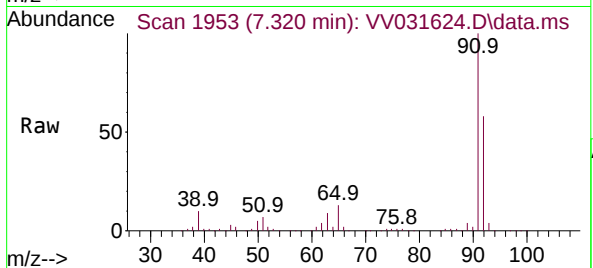
A46K7MSD

Tgt Ion: 91 Resp: 409668

Ion Ratio Lower Upper

91 100

92 58.0 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 51.157 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV031624.D

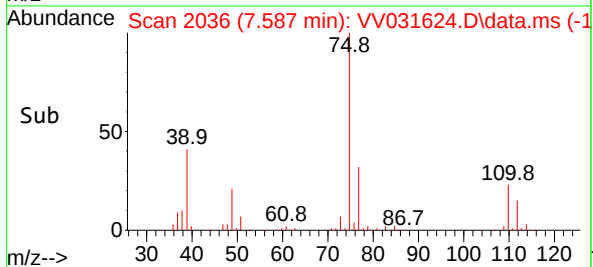
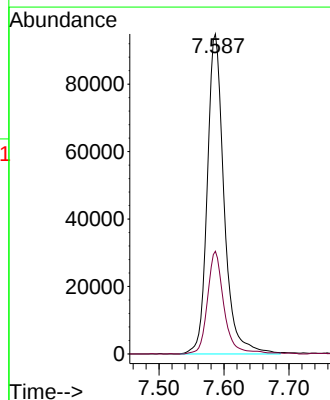
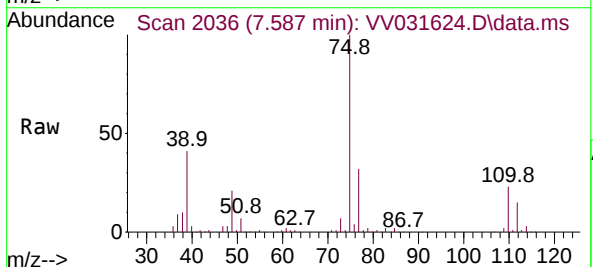
Acq: 29 Jun 2023 16:33

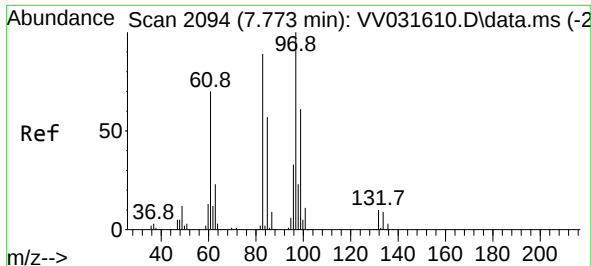
Tgt Ion: 75 Resp: 170823

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1

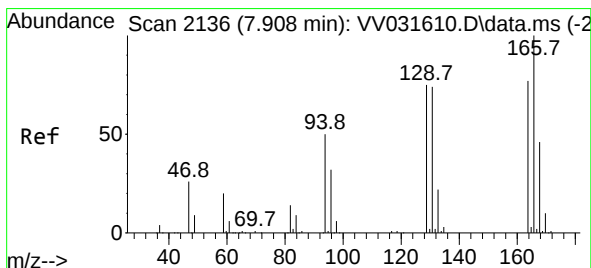
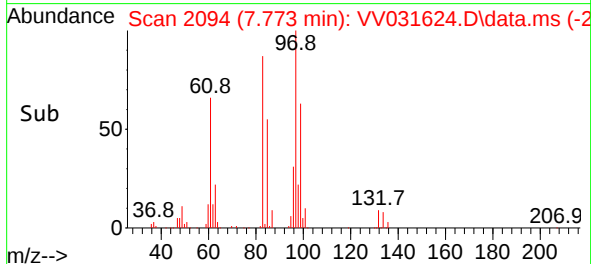
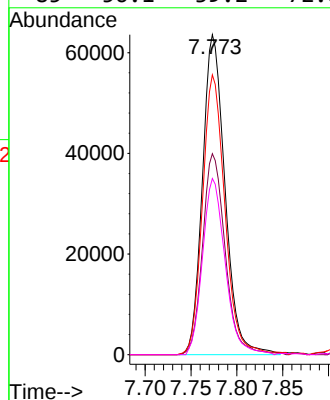
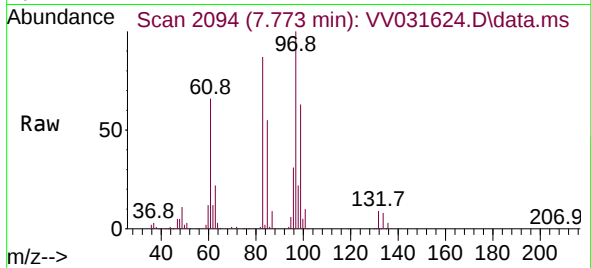




#45
1,1,2-Trichloroethane
Concen: 49.865 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

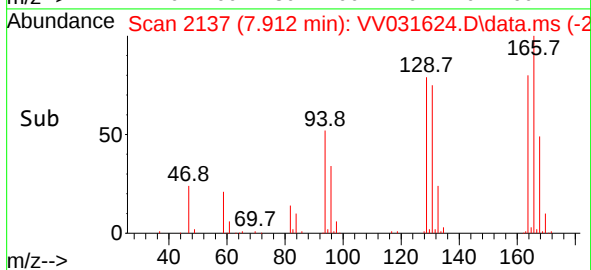
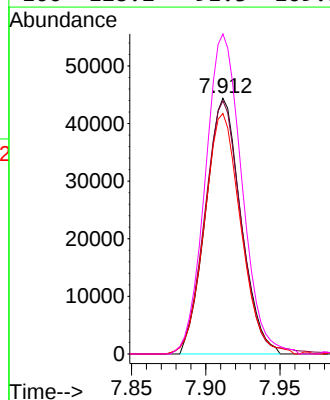
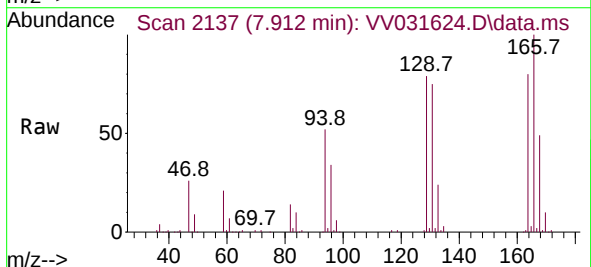
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

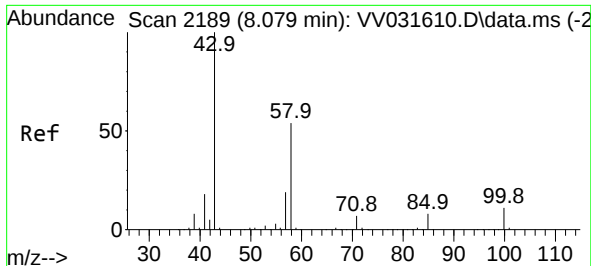
Tgt Ion: 97	Resp: 108811
Ion Ratio	Lower Upper
97 100	
99 62.8	43.7 81.1
83 87.4	60.9 113.1
85 56.1	39.2 72.8



#46
Tetrachloroethene
Concen: 44.495 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt	Ion:164	Resp:	73408
Ion	Ratio	Lower	Upper
164	100		
129	101.5	68.4	127.0
131	96.3	67.6	125.6
166	128.2	91.3	169.5



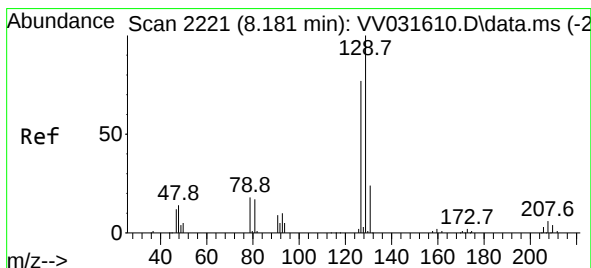
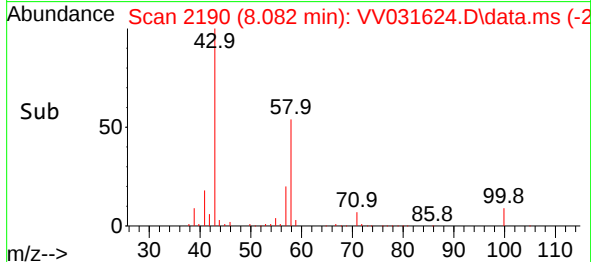
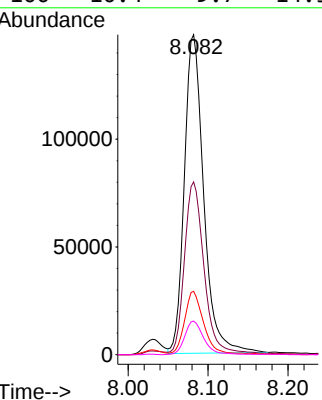
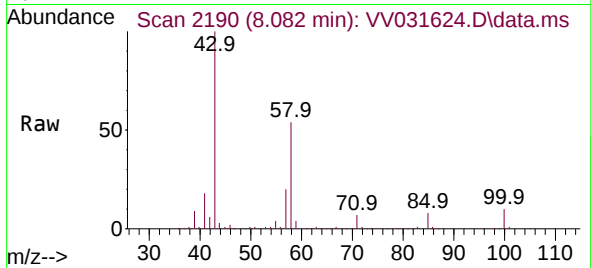


#48
2-Hexanone
Concen: 115.437 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

Tgt Ion: 43 Resp: 250065

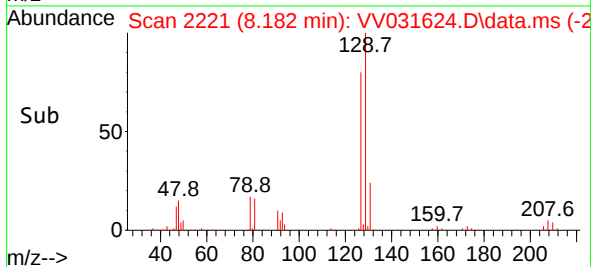
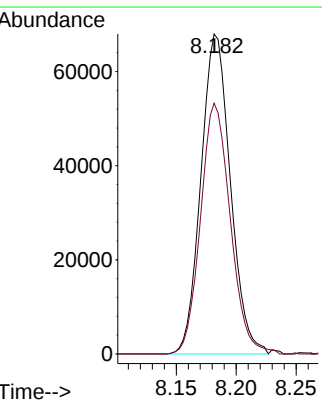
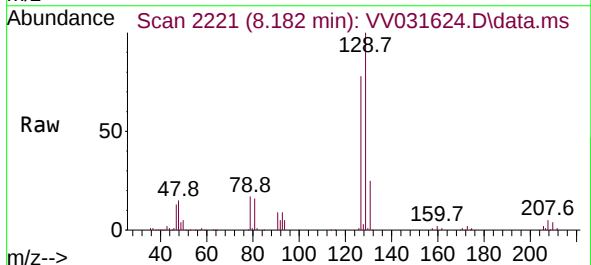
Ion	Ratio	Lower	Upper
43	100		
58	53.9	46.7	70.1
57	18.6	15.5	23.3
100	10.4	9.7	14.5

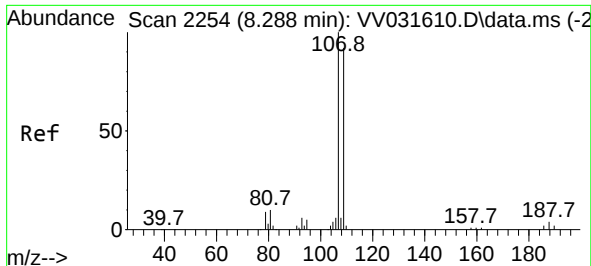


#49
Dibromochloromethane
Concen: 47.876 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 129 Resp: 116109

Ion	Ratio	Lower	Upper
129	100		
127	80.0	55.8	103.6





#50

1,2-Dibromoethane

Concen: 49.689 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

A46K7MSD

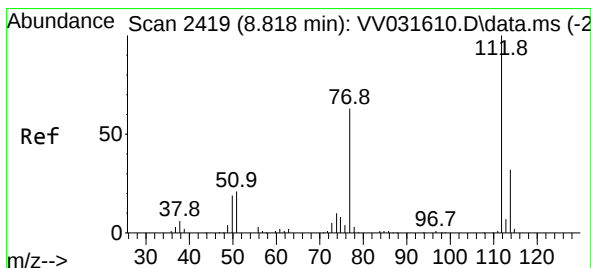
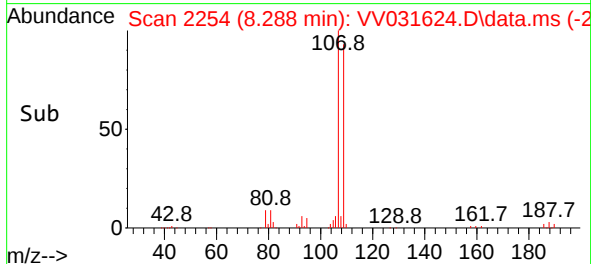
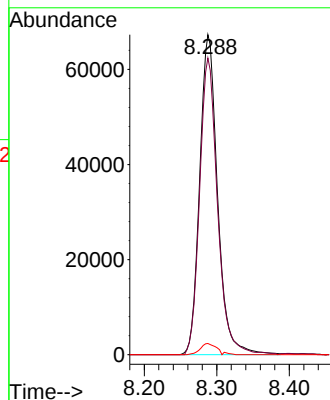
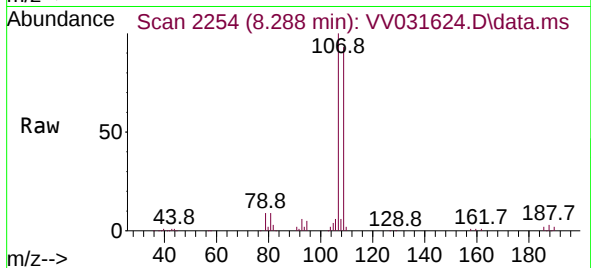
Tgt Ion:107 Resp: 115450

Ion Ratio Lower Upper

107 100

109 92.7 65.7 122.1

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 47.644 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

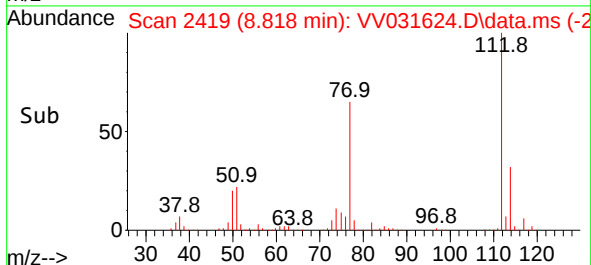
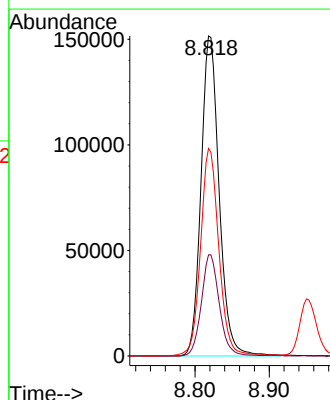
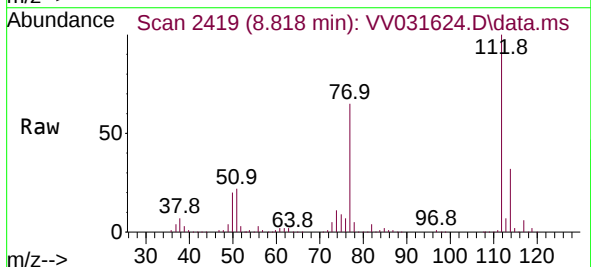
Tgt Ion:112 Resp: 257367

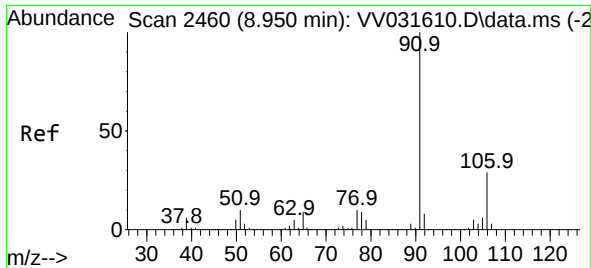
Ion Ratio Lower Upper

112 100

114 31.6 22.9 42.5

77 64.9 52.5 78.7

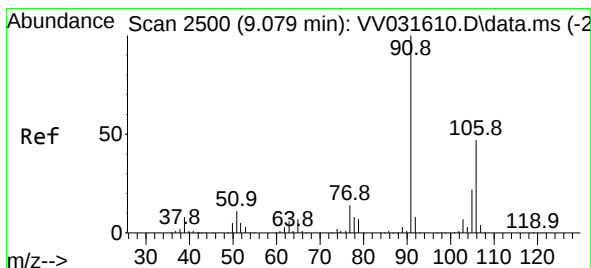
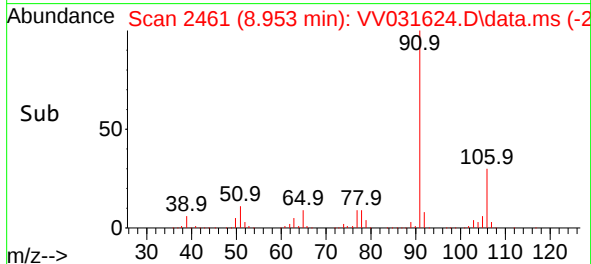
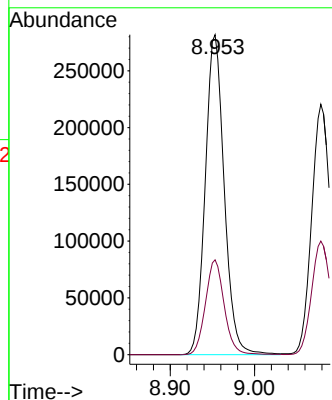
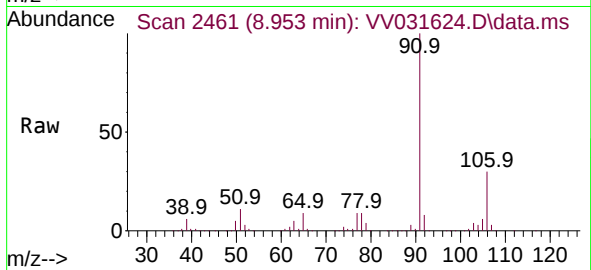




#52
Ethylbenzene
Concen: 48.429 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

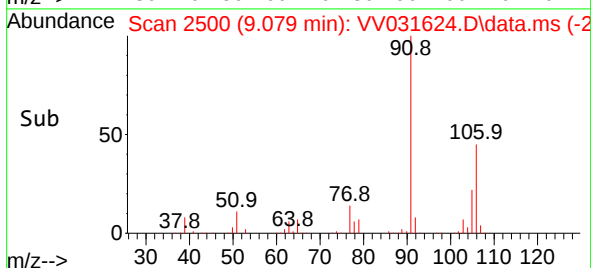
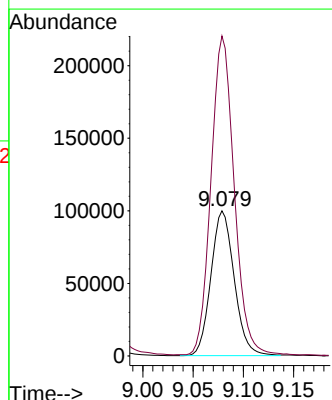
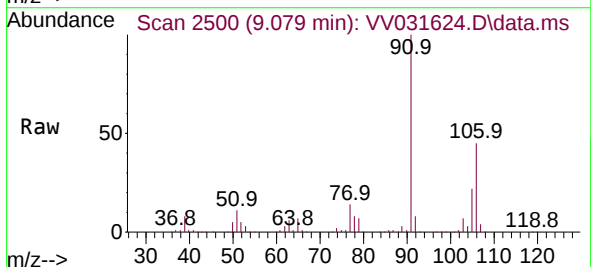
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

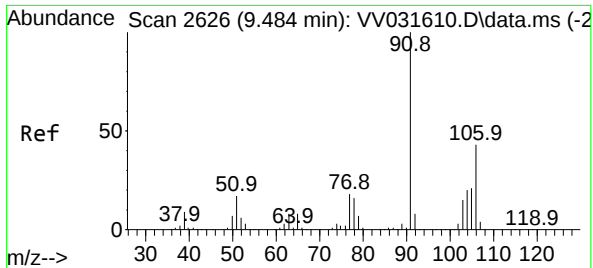
Tgt Ion: 91 Resp: 440745
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6



#53
m,p-Xylene
Concen: 48.291 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 106 Resp: 160948
Ion Ratio Lower Upper
106 100
91 220.5 149.0 276.6

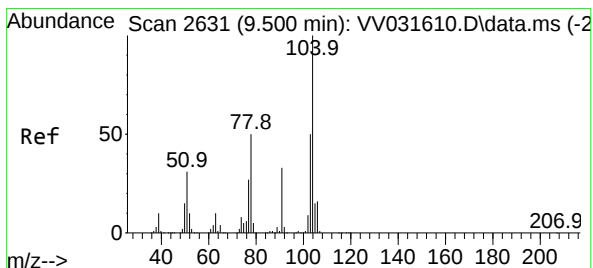
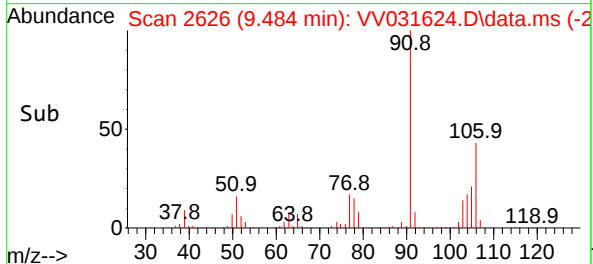
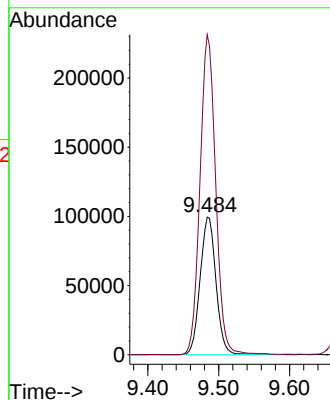
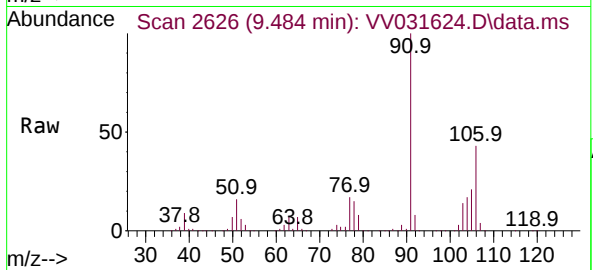




#54
o-Xylene
Concen: 48.732 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

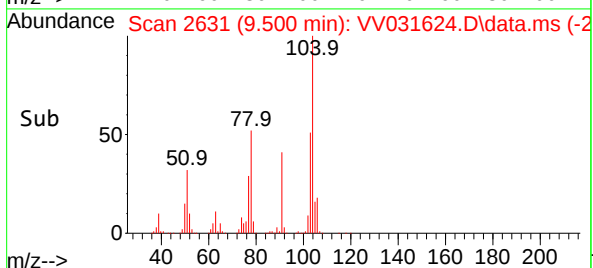
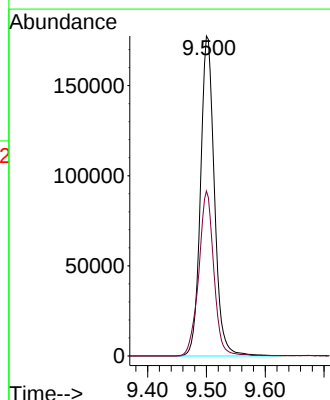
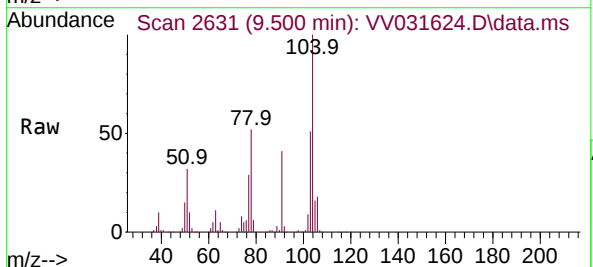
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

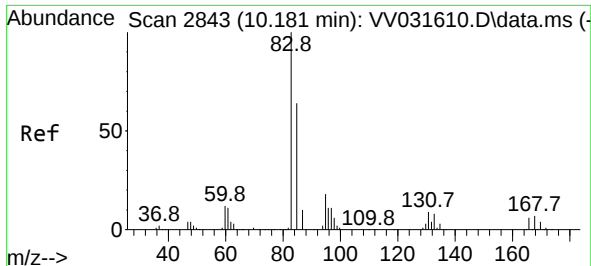
Tgt Ion:106 Resp: 154129
Ion Ratio Lower Upper
106 100
91 232.5 161.3 299.7



#55
Styrene
Concen: 51.684 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion:104 Resp: 291942
Ion Ratio Lower Upper
104 100
78 51.6 35.1 65.3

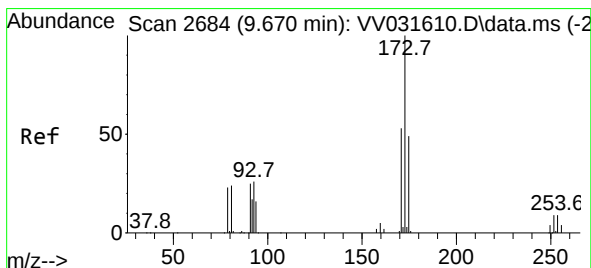
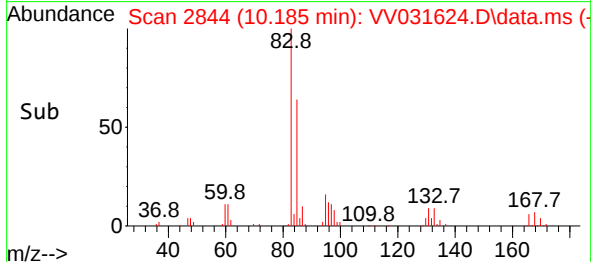
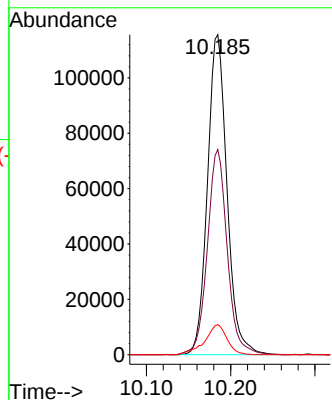
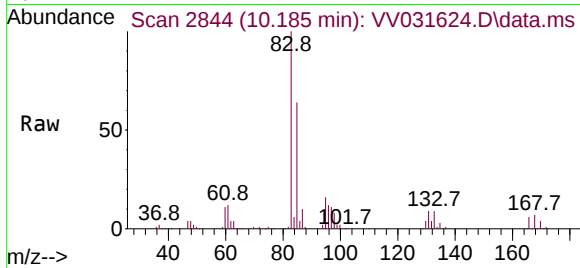




#57
1,1,2,2-Tetrachloroethane
Concen: 52.281 ug/L
RT: 10.185 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

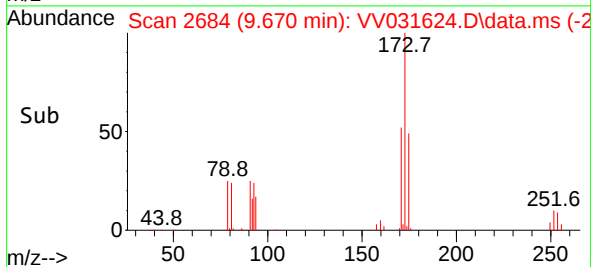
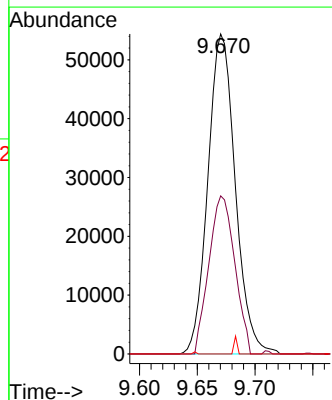
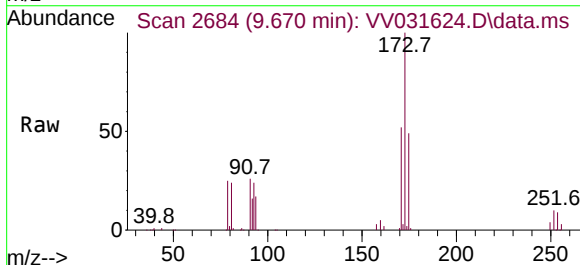
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

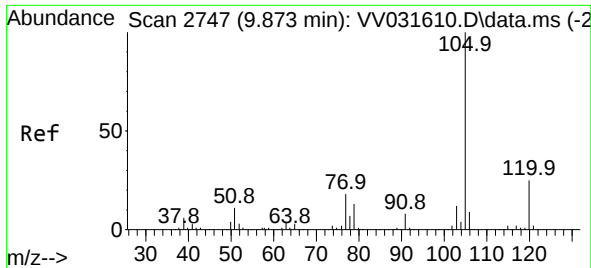
Tgt Ion: 83 Resp: 186402
Ion Ratio Lower Upper
83 100
85 64.1 43.1 80.1
131 13.1 10.6 16.0



#59
Bromoform
Concen: 50.748 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 173 Resp: 89852
Ion Ratio Lower Upper
173 100
175 46.5 37.7 56.5
254 0.0 0.1 0.1

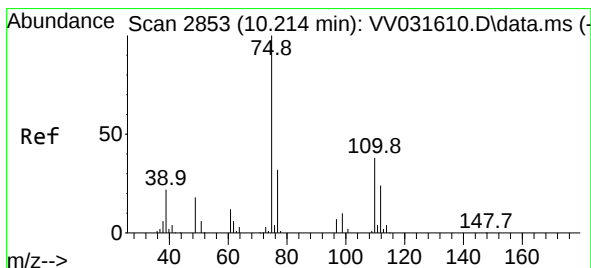
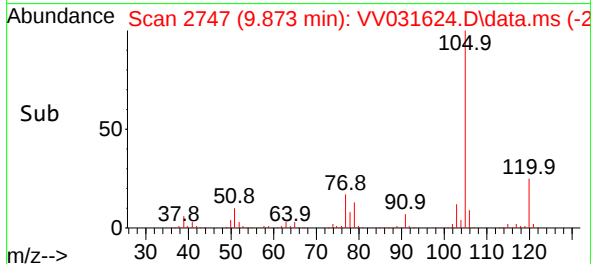
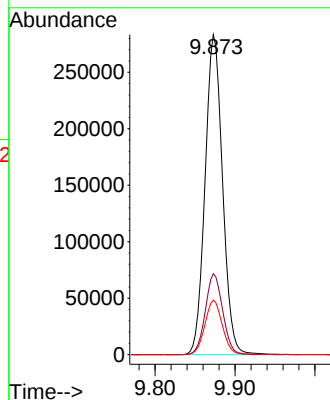
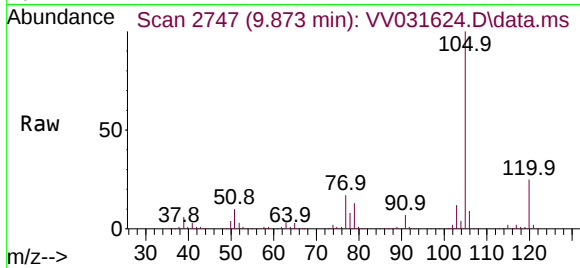




#60
Isopropylbenzene
Concen: 47.448 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

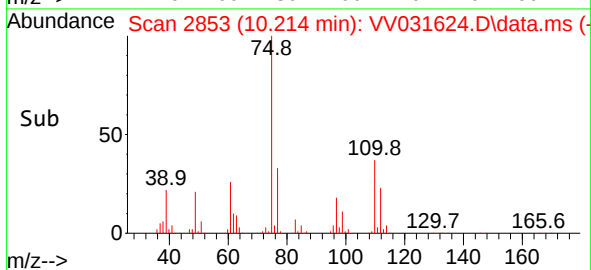
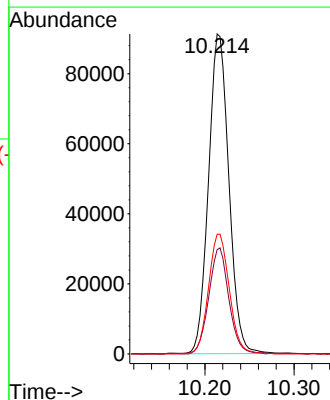
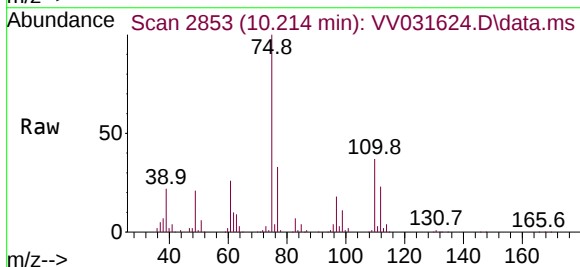
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

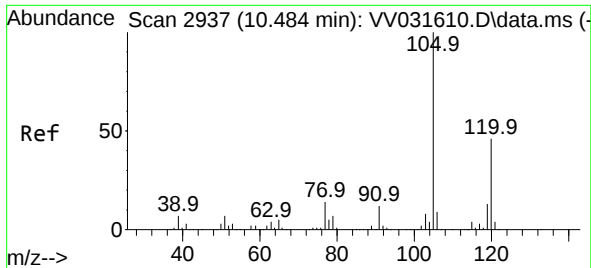
Tgt Ion:105 Resp: 432075
Ion Ratio Lower Upper
105 100
120 25.2 20.2 30.2
77 16.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 51.279 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion: 75 Resp: 144669
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
110 38.2 31.3 46.9

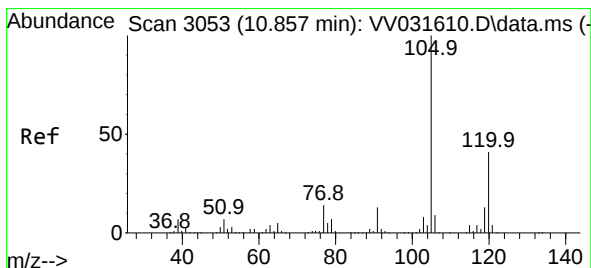
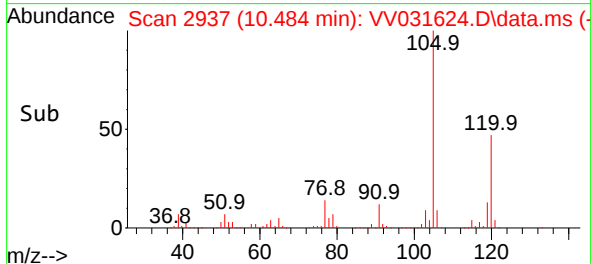
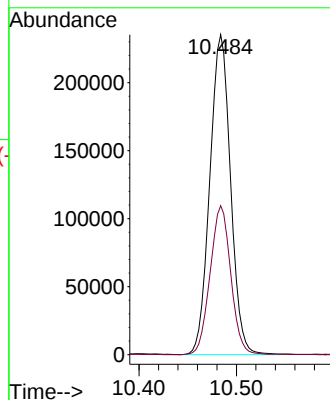
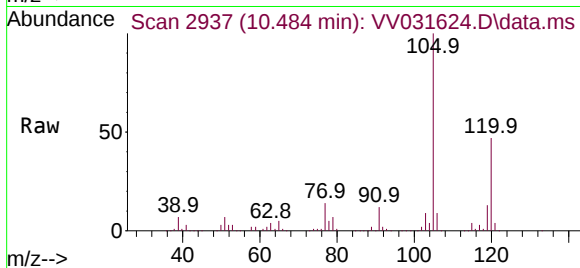




#62
1,3,5-Trimethylbenzene
Concen: 46.217 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

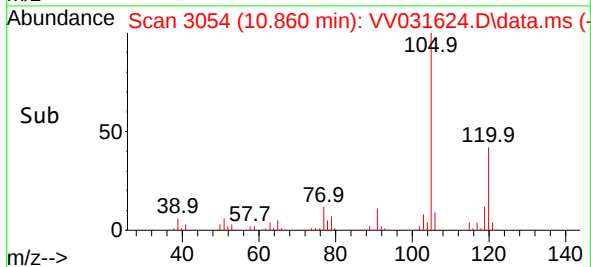
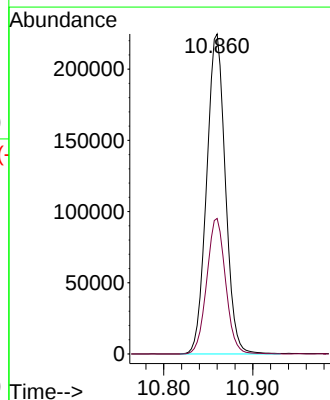
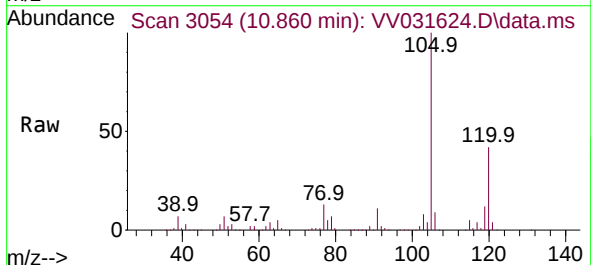
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

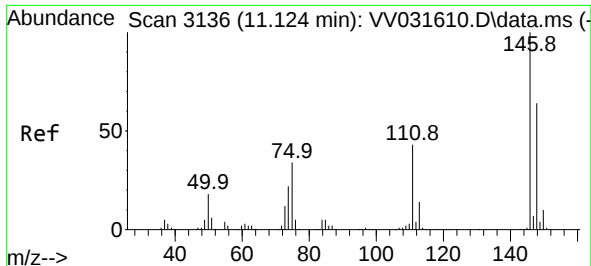
Tgt Ion:105 Resp: 347839
Ion Ratio Lower Upper
105 100
120 46.4 36.2 54.2



#63
1,2,4-Trimethylbenzene
Concen: 46.792 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion:105 Resp: 328134
Ion Ratio Lower Upper
105 100
120 42.6 33.4 50.2

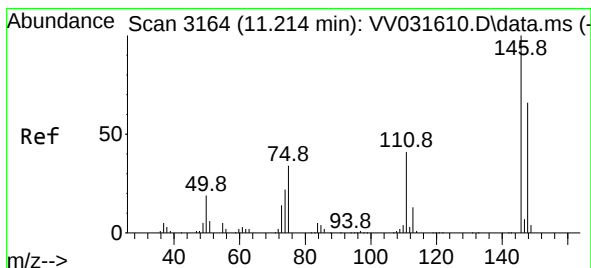
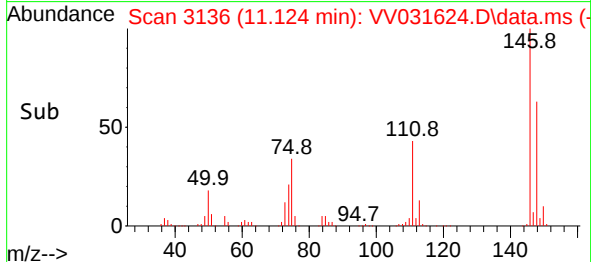
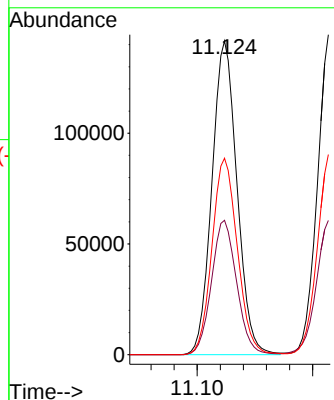
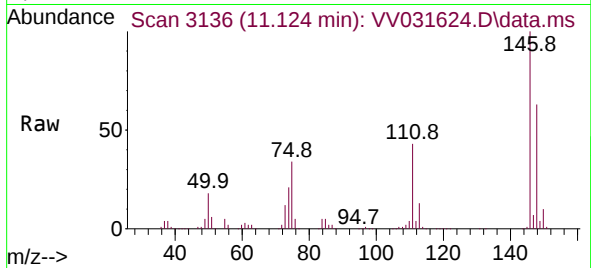




#64
1,3-Dichlorobenzene
Concen: 46.739 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

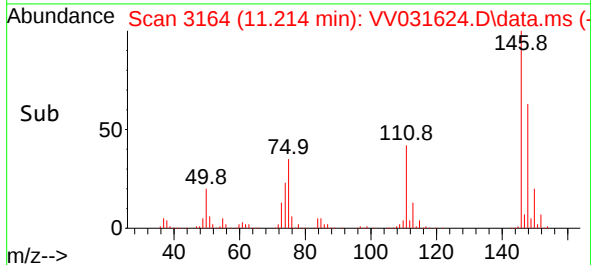
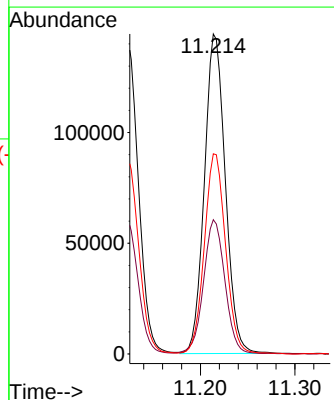
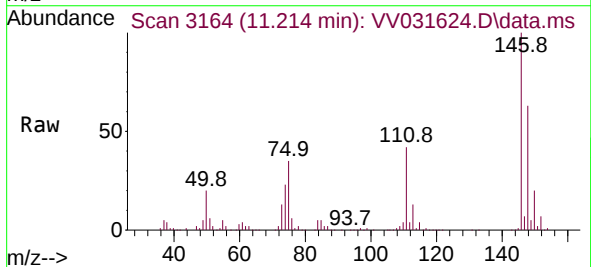
Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

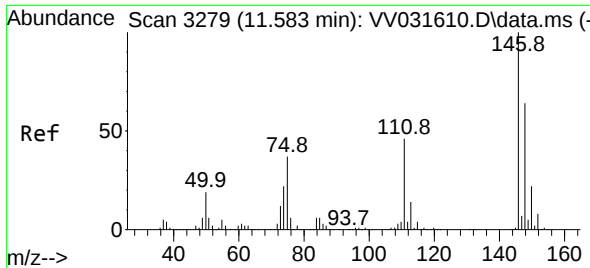
Tgt Ion:146 Resp: 213385
Ion Ratio Lower Upper
146 100
111 42.9 30.4 56.5
148 62.6 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 45.663 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion:146 Resp: 222147
Ion Ratio Lower Upper
146 100
111 41.9 27.9 51.7
148 62.6 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 46.379 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

A46K7MSD

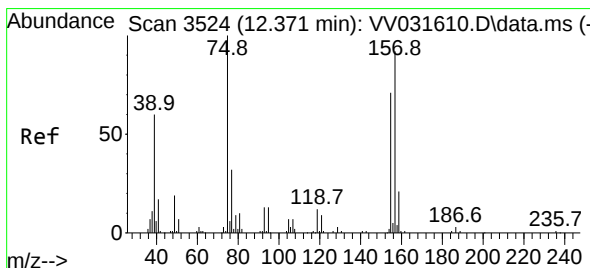
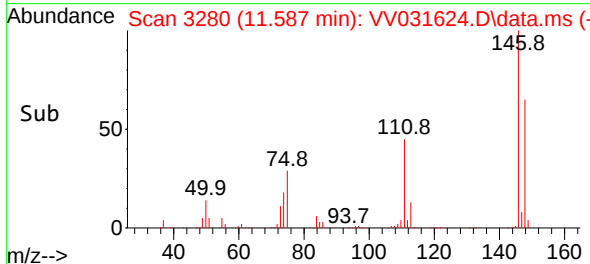
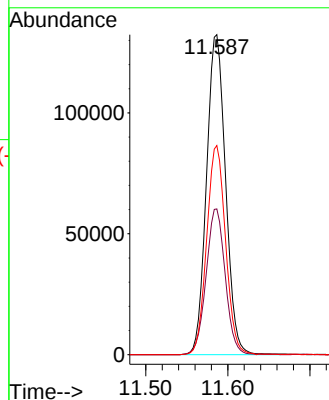
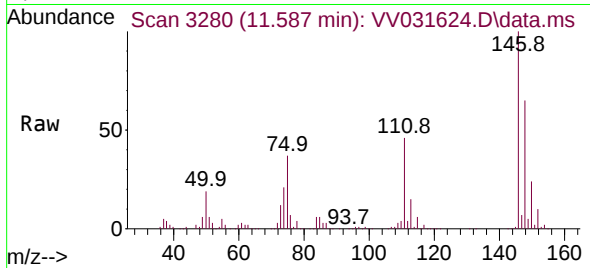
Tgt Ion:146 Resp: 213707

Ion Ratio Lower Upper

146 100

111 45.5 35.9 53.9

148 65.4 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 52.510 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

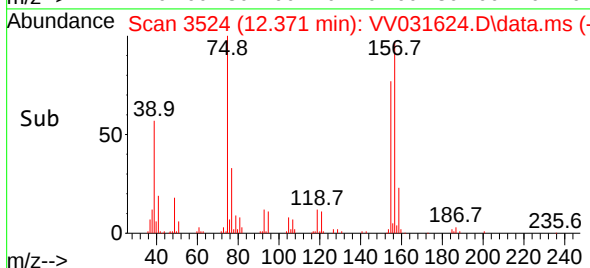
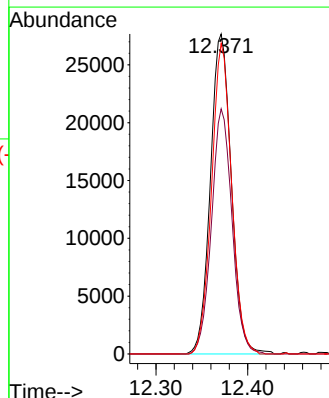
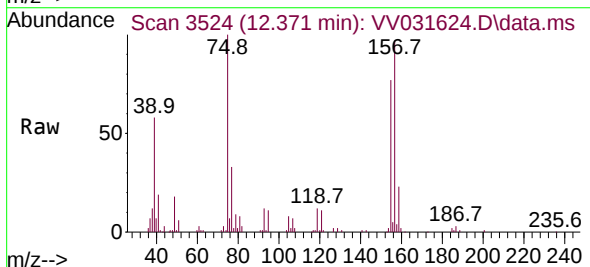
Tgt Ion: 75 Resp: 43969

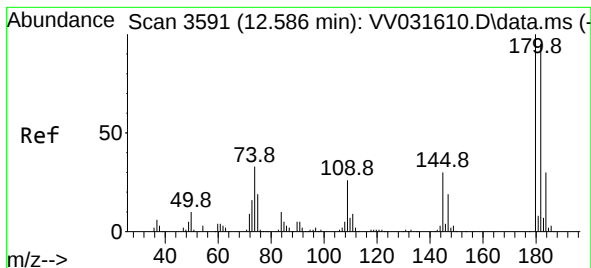
Ion Ratio Lower Upper

75 100

155 81.4 63.2 94.8

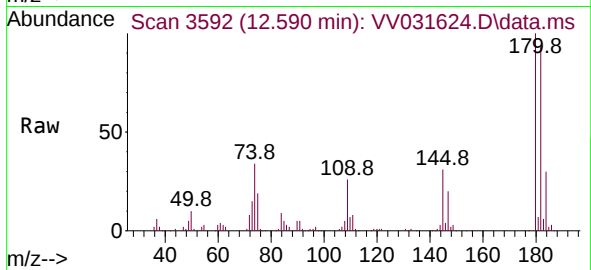
157 101.5 85.3 127.9



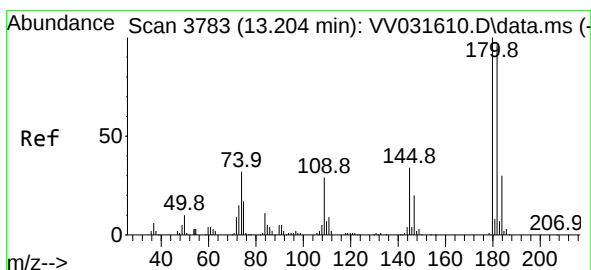
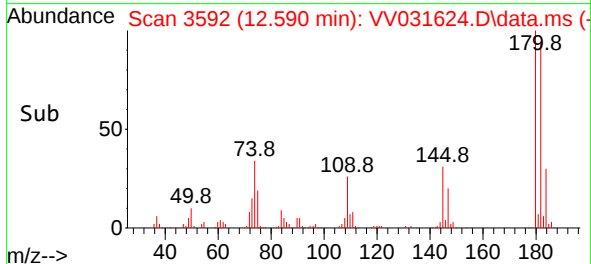
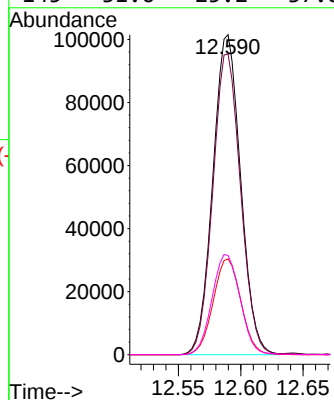


#69
1,3,5-Trichlorobenzene
Concen: 45.277 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.003 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Instrument :
MSVOA_V
ClientSampleId :
A46K7MSD

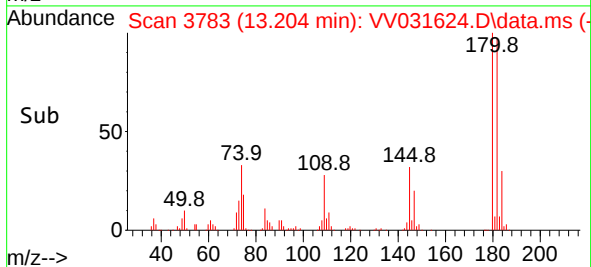
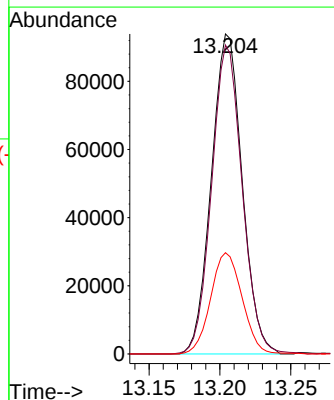
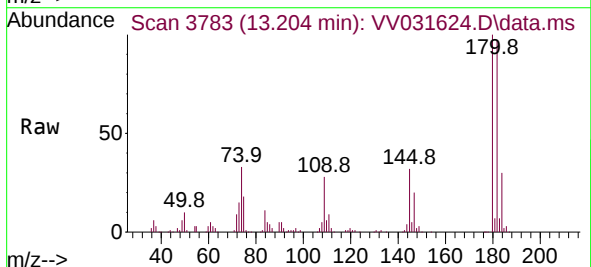


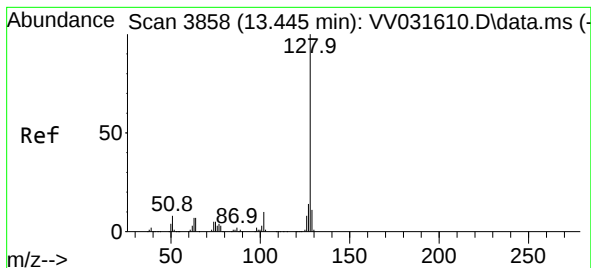
Tgt Ion:180 Resp: 157508
Ion Ratio Lower Upper
180 100
182 93.8 76.6 115.0
184 29.9 24.7 37.1
145 31.6 25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 46.556 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.000 min
Lab File: VV031624.D
Acq: 29 Jun 2023 16:33

Tgt Ion:180 Resp: 141959
Ion Ratio Lower Upper
180 100
182 95.7 77.7 116.5
145 32.3 26.1 39.1





#71

Naphthalene

Concen: 54.948 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Instrument :

MSVOA_V

ClientSampleId :

A46K7MSD

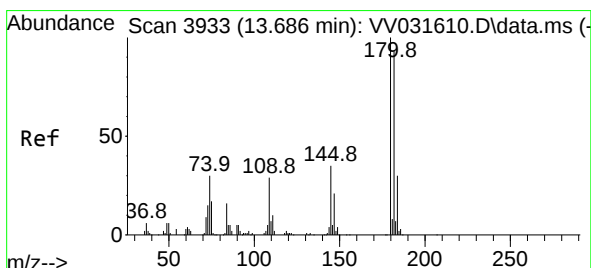
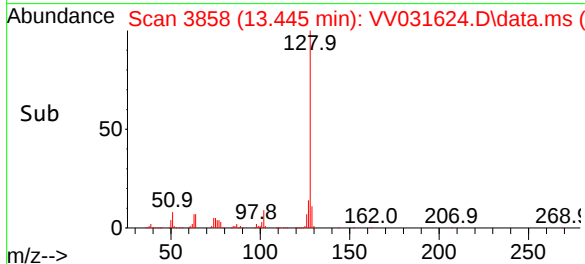
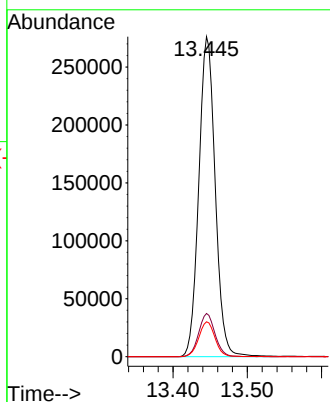
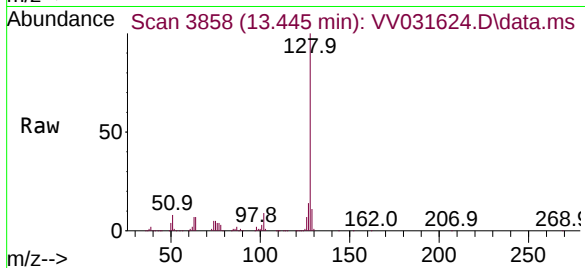
Tgt Ion:128 Resp: 424394

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.321 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031624.D

Acq: 29 Jun 2023 16:33

Tgt Ion:180 Resp: 156283

Ion Ratio Lower Upper

180 100

182 95.2 74.0 111.0

145 33.7 26.2 39.2

