

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052623\
 Data File : VV031243.D
 Acq On : 26 May 2023 09:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 00:46:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 25 01:11:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	344067	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	310355	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	180369	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	138414	47.072	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.140%		
7) Chloroethane-d5	1.532	69	94695	41.803	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.600%		
11) 1,1-Dichloroethene-d2	2.063	65	49409	35.833	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.660%		
21) 2-Butanone-d5	3.793	46	174869	111.608	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.610%		
24) Chloroform-d	4.256	84	249434	47.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.900%		
26) 1,2-Dichloroethane-d4	4.947	65	163780	46.593	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.180%		
32) Benzene-d6	4.966	84	441500	52.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.960%		
36) 1,2-Dichloropropane-d6	5.995	67	141058	56.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	112.060%		
41) Toluene-d8	7.246	98	357331	45.506	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.020%		
43) trans-1,3-Dichloroprop...	7.558	79	60495	47.898	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.800%		
47) 2-Hexanone-d5	8.031	63	105893	107.887	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.890%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	204067	54.047	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.100%		
66) 1,2-Dichlorobenzene-d4	11.567	152	141980	43.804	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	116347	52.379	ug/L	99
3) Chloromethane	1.217	50	114949	47.269	ug/L	100
5) Vinyl chloride	1.285	62	123676	56.939	ug/L	98
6) Bromomethane	1.487	94	60876	50.009	ug/L	94
8) Chloroethane	1.552	64	64509	46.089	ug/L	95
9) Trichlorofluoromethane	1.716	101	172497	40.376	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	97456	43.257	ug/L	97
12) 1,1-Dichloroethene	2.073	96	72953	38.171	ug/L	87
13) Acetone	2.118	43	216836	106.451	ug/L	94
14) Carbon disulfide	2.246	76	177314	50.910	ug/L	98
15) Methyl Acetate	2.378	43	136270	58.863	ug/L	100
16) Methylene chloride	2.452	84	122208	57.436	ug/L	95
17) trans-1,2-Dichloroethene	2.700	96	84950	48.074	ug/L	92
18) Methyl tert-butyl Ether	2.709	73	346805	50.805	ug/L	94
19) 1,1-Dichloroethane	3.118	63	227501	56.493	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	106450	48.867	ug/L	87
22) 2-Butanone	3.873	43	245104	125.479	ug/L	96
23) Bromochloromethane	4.153	128	58415	48.798	ug/L	85
25) Chloroform	4.285	83	244190	54.281	ug/L	98

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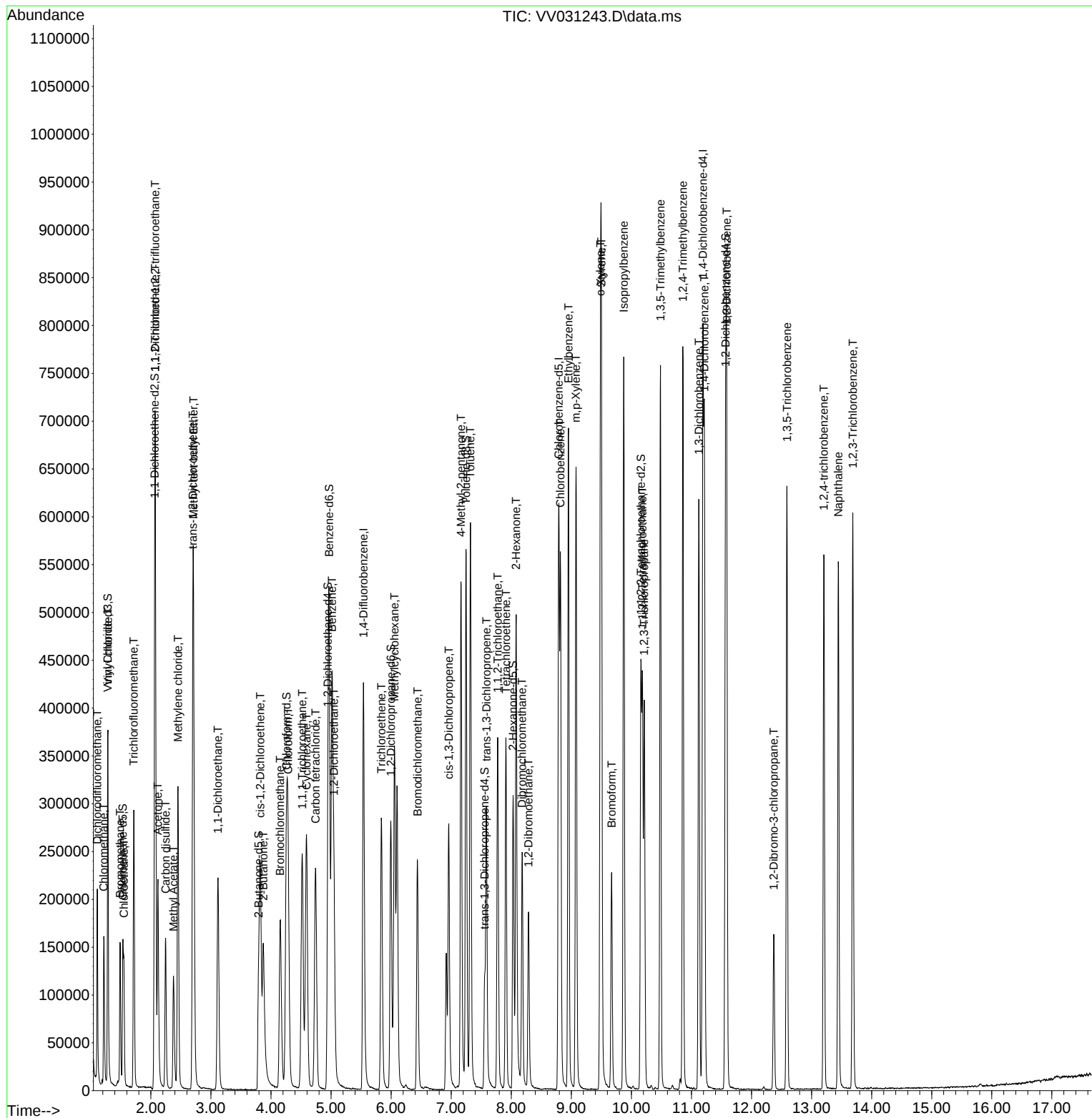
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	186777	48.934	ug/L	96
29) Cyclohexane	4.590	56	136771	56.004	ug/L	90
30) 1,1,1-Trichloroethane	4.519	97	206343	54.181	ug/L	97
31) Carbon tetrachloride	4.741	117	182953	55.143	ug/L	99
33) Benzene	5.015	78	421844	56.736	ug/L	100
34) Trichloroethene	5.838	95	101446	50.920	ug/L	95
35) Methylcyclohexane	6.056	83	133483	50.493	ug/L	93
38) Bromodichloromethane	6.439	83	165944	52.310	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	171643	54.392	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	359669	114.214	ug/L	97
42) Toluene	7.320	91	416322	51.753	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	168788	52.873	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	112094	50.196	ug/L	96
46) Tetrachloroethene	7.912	164	76116	44.494	ug/L	95
48) 2-Hexanone	8.082	43	322273	122.871	ug/L	96
49) Dibromochloromethane	8.182	129	124267	49.321	ug/L	94
50) 1,2-Dibromoethane	8.288	107	119092	53.639	ug/L	98
51) Chlorobenzene	8.818	112	270386	47.224	ug/L	93
52) Ethylbenzene	8.953	91	459614	49.903	ug/L	98
53) m,p-Xylene	9.079	106	167174	46.792	ug/L	93
54) o-Xylene	9.484	106	159877	45.362	ug/L	89
55) Styrene	9.503	104	305417	48.997	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.185	83	201405	54.891	ug/L	98
59) Bromoform	9.670	173	97940	46.829	ug/L	99
60) Isopropylbenzene	9.873	105	464731	48.176	ug/L	97
61) 1,2,3-Trichloropropane	10.214	75	165359	59.593	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	378174	47.694	ug/L	94
63) 1,2,4-Trimethylbenzene	10.857	105	390408	50.356	ug/L	95
64) 1,3-Dichlorobenzene	11.124	146	232746	47.089	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	245848	47.811	ug/L	96
67) 1,2-Dichlorobenzene	11.587	146	241194	48.092	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	43557	51.137	ug/L	85
69) 1,3,5-Trichlorobenzene	12.590	180	181146	47.409	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	160875	49.474	ug/L	98
71) Naphthalene	13.445	128	401278	47.509	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	170571	52.493	ug/L	98

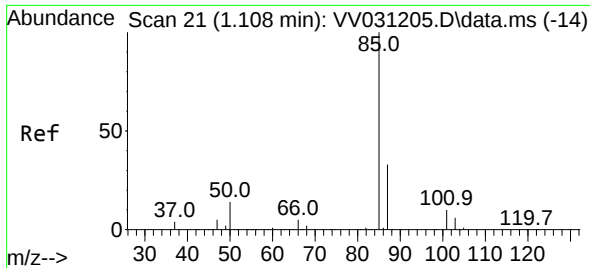
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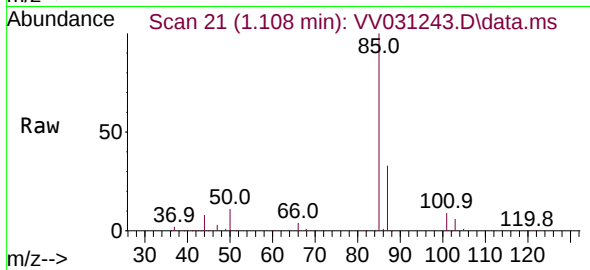
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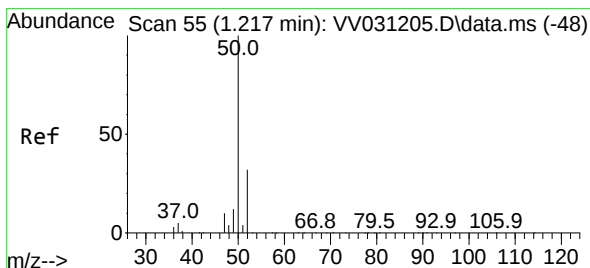
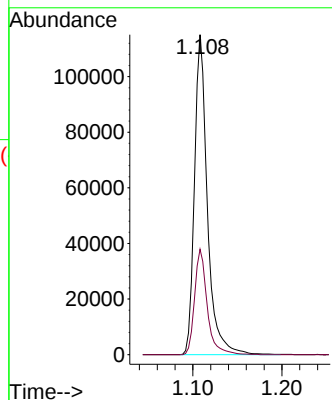
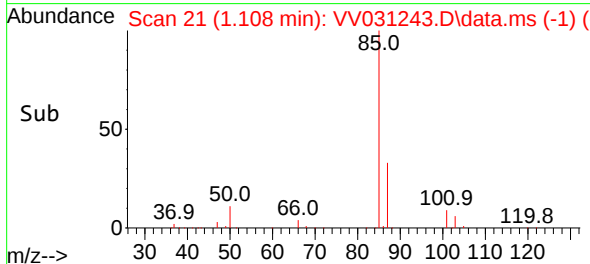


#2
 Dichlorodifluoromethane
 Concen: 52.379 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031243.D
 Acq: 26 May 2023 09:04

Instrument :
 MSVOA_V
 ClientSampleId :

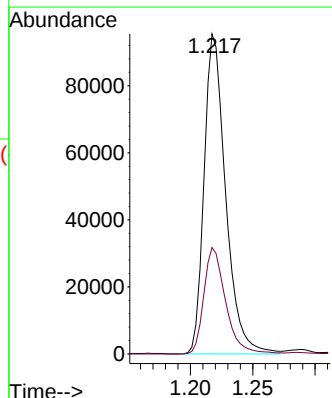
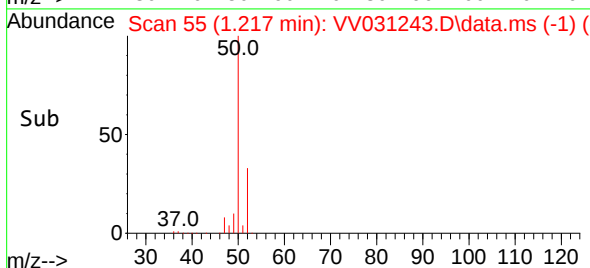
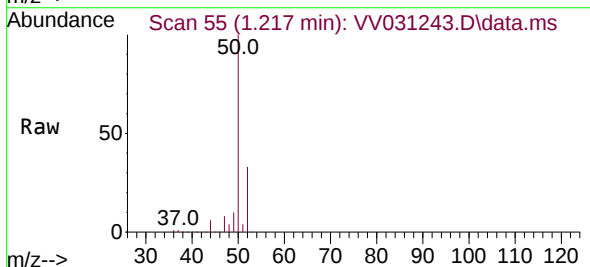


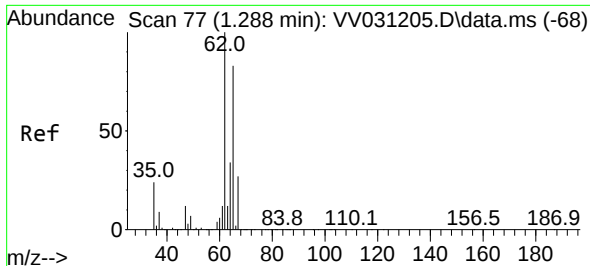
Tgt Ion: 85 Resp: 116347
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.2 37.8



#3
 Chloromethane
 Concen: 47.269 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031243.D
 Acq: 26 May 2023 09:04

Tgt Ion: 50 Resp: 114949
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.3 43.3

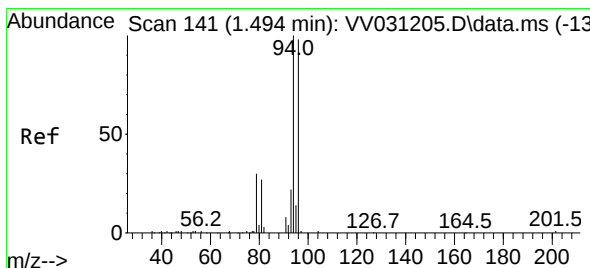
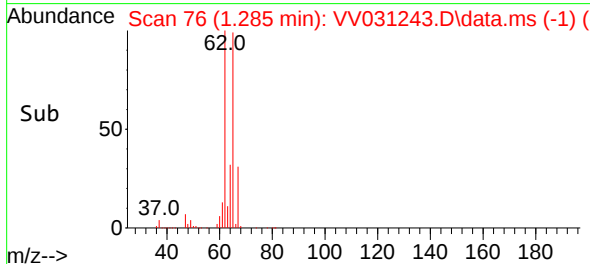
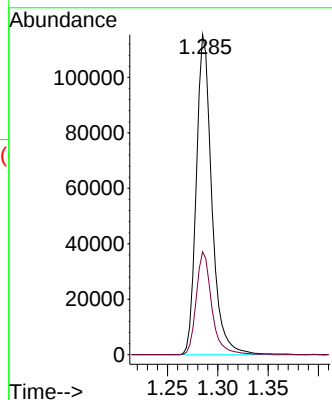
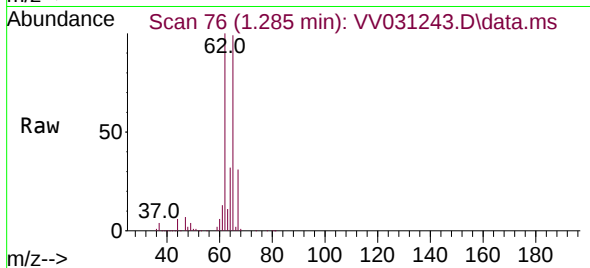




#5
 Vinyl chloride
 Concen: 56.939 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VV031243.D
 Acq: 26 May 2023 09:04

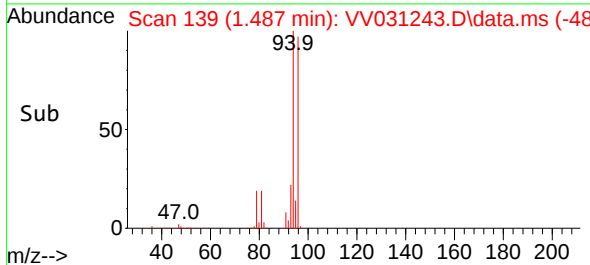
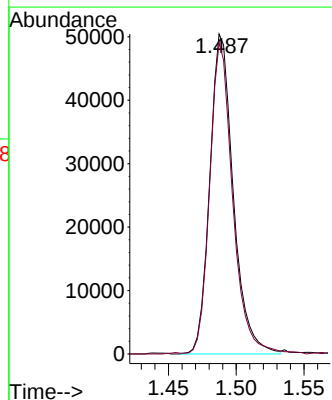
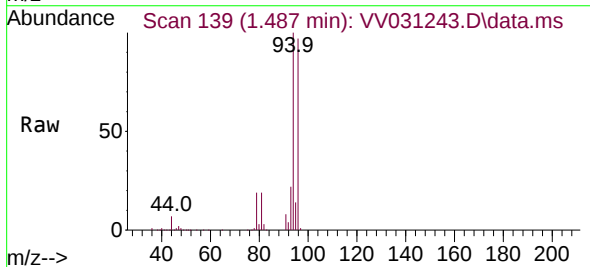
Instrument :
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 ClientSampleId :

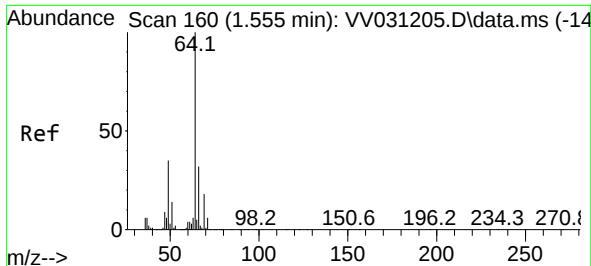
Tgt Ion: 62 Resp: 123676
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.1 42.9



#6
 Bromomethane
 Concen: 50.009 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.006 min
 Lab File: VV031243.D
 Acq: 26 May 2023 09:04

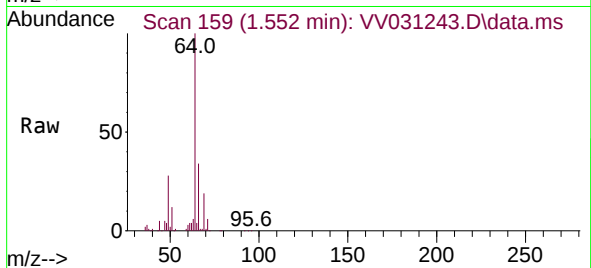
Tgt Ion: 94 Resp: 60876
 Ion Ratio Lower Upper
 94 100
 96 97.3 63.9 118.7



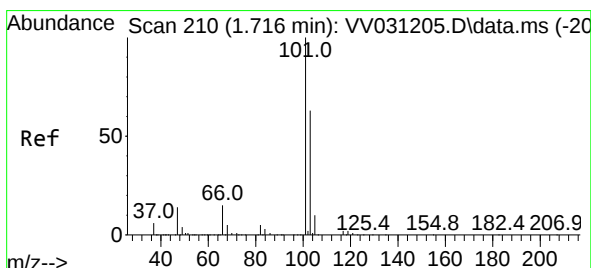
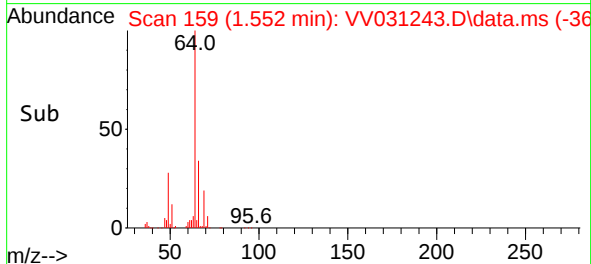
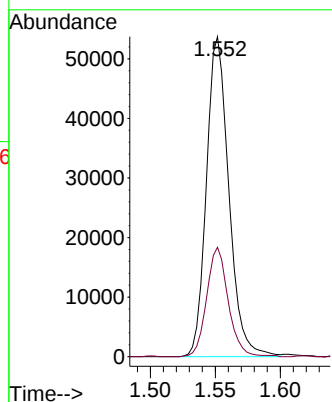


#8
Chloroethane
Concen: 46.089 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Instrument :
MSVOA_V
ClientSampleId :

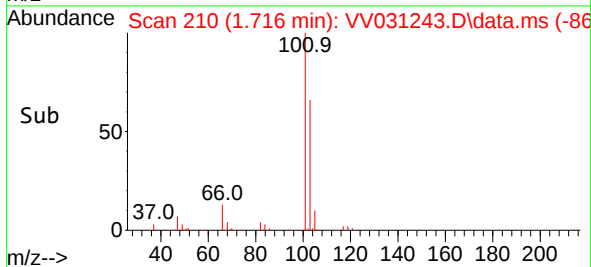
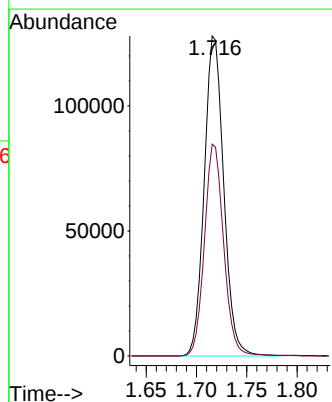
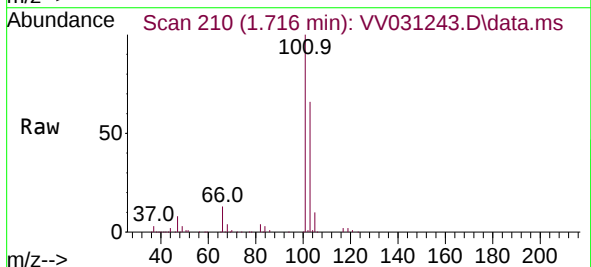


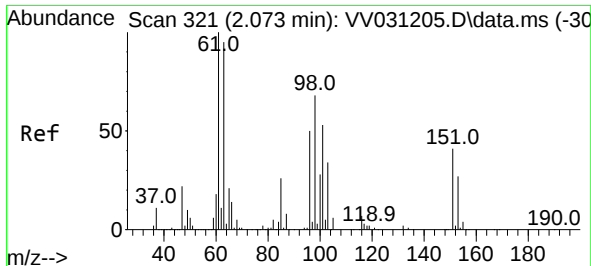
Tgt Ion: 64 Resp: 64509
Ion Ratio Lower Upper
64 100
66 34.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 40.376 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Tgt Ion: 101 Resp: 172497
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

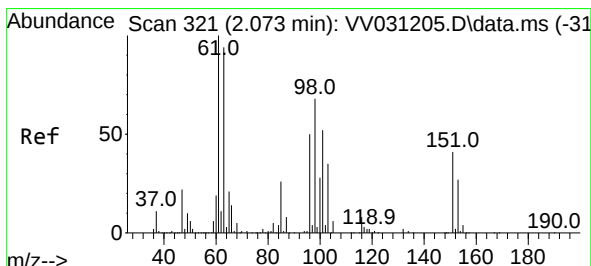
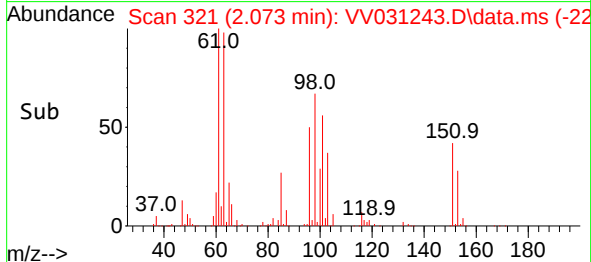
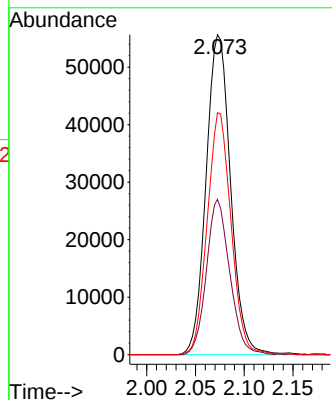
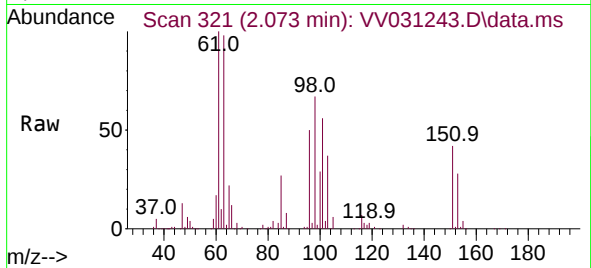




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.257 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031243.D
 Acq: 26 May 2023 09:04

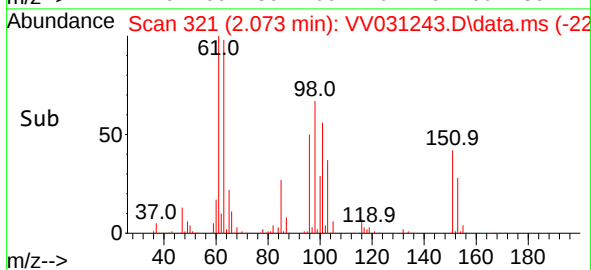
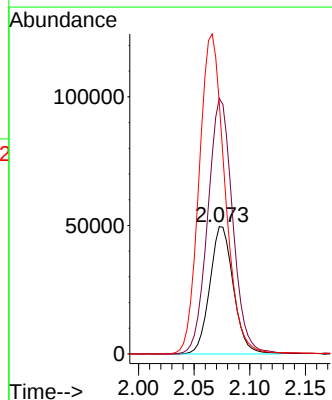
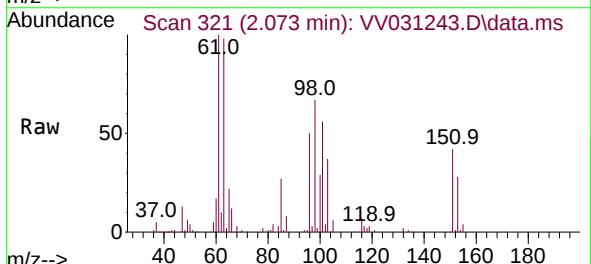
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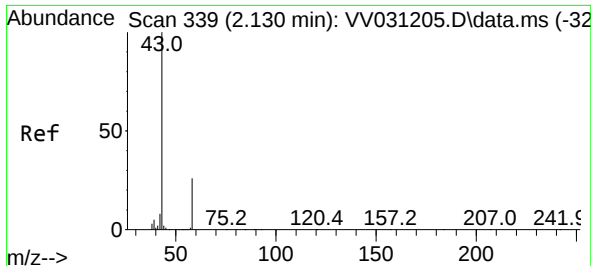
Tgt Ion:101 Resp: 97456
 Ion Ratio Lower Upper
 101 100
 85 46.0 38.0 57.0
 151 73.7 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 38.171 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031243.D
 Acq: 26 May 2023 09:04

Tgt Ion: 96 Resp: 72953
 Ion Ratio Lower Upper
 96 100
 61 200.7 137.9 256.1
 63 197.5 114.2 212.0





#13

Acetone

Concen: 106.451 ug/L

RT: 2.118 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV031243.D

Acq: 26 May 2023 09:04

Instrument :

MSVOA_V

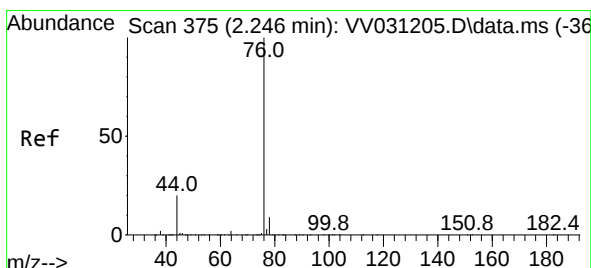
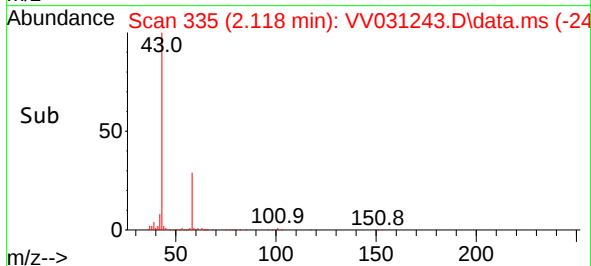
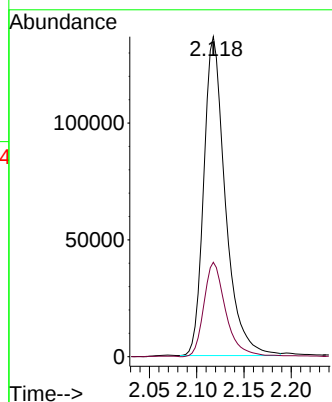
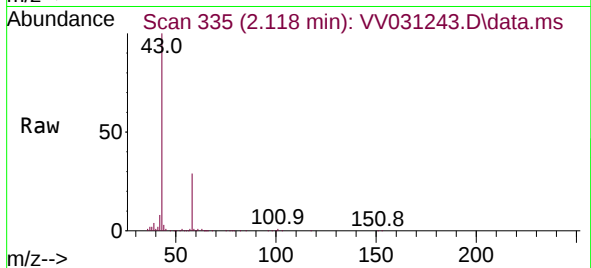
ClientSampleId :

Tgt Ion: 43 Resp: 216836

Ion Ratio Lower Upper

43 100

58 29.9 0.0 54.0



#14

Carbon disulfide

Concen: 50.910 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

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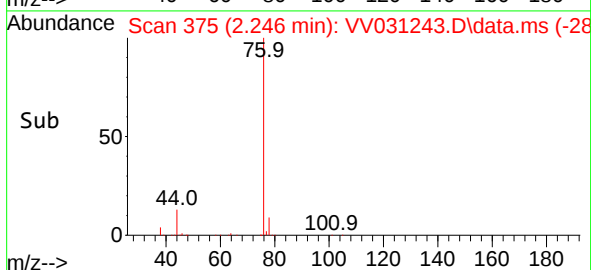
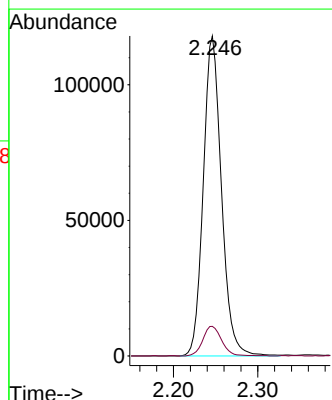
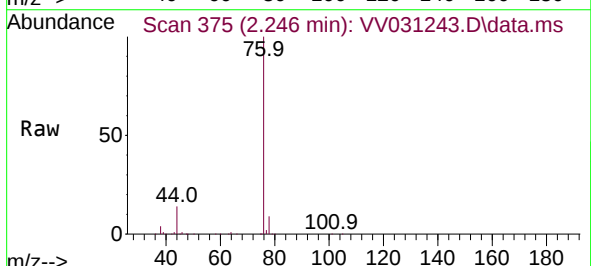
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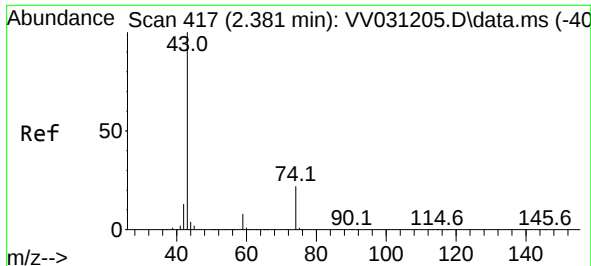
Tgt Ion: 76 Resp: 177314

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

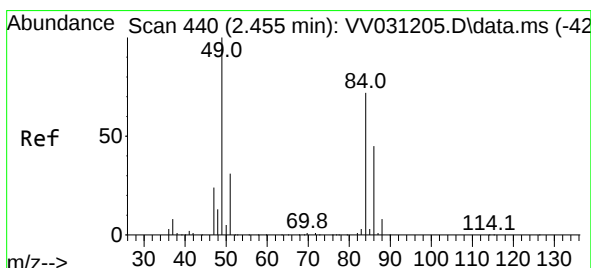
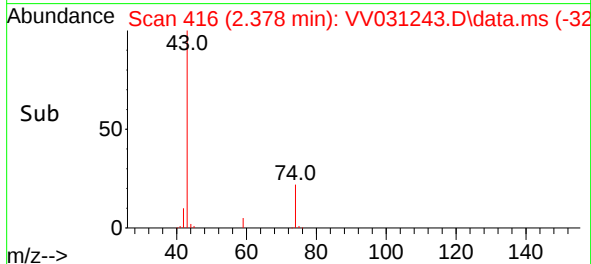
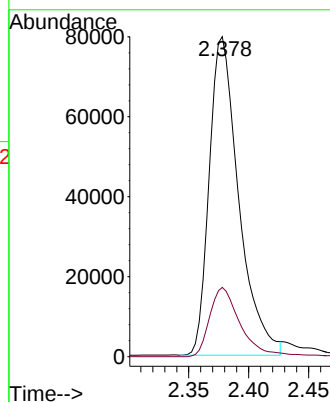
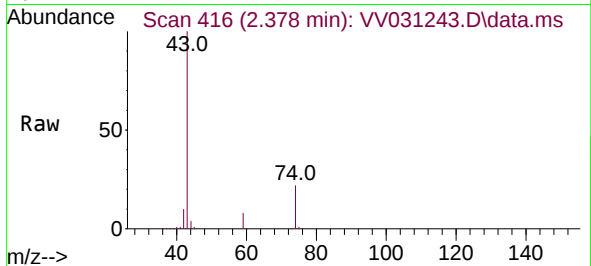




#15
Methyl Acetate
Concen: 58.863 ug/L
RT: 2.378 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

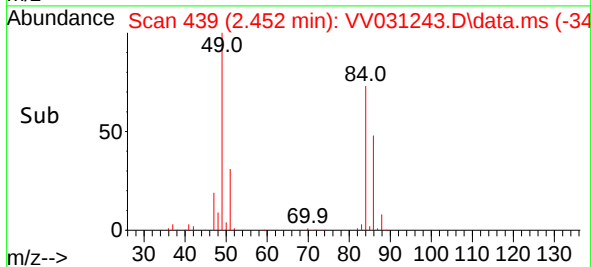
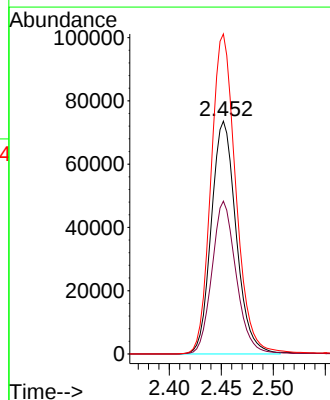
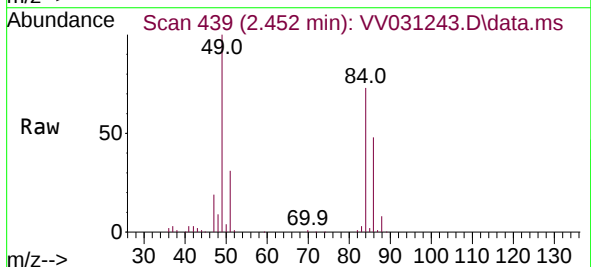
Instrument :
MSVOA_V
ClientSampleId :

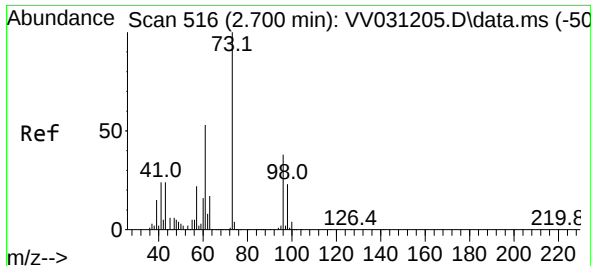
Tgt Ion: 43 Resp: 136270
Ion Ratio Lower Upper
43 100
74 22.7 18.1 27.1



#16
Methylene chloride
Concen: 57.436 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

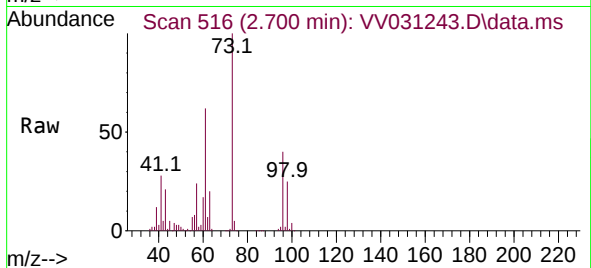
Tgt Ion: 84 Resp: 122208
Ion Ratio Lower Upper
84 100
86 65.6 43.3 80.3
49 137.5 92.6 172.0



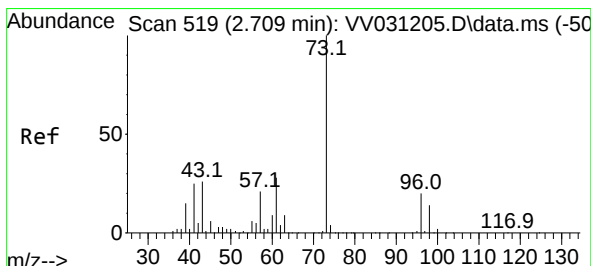
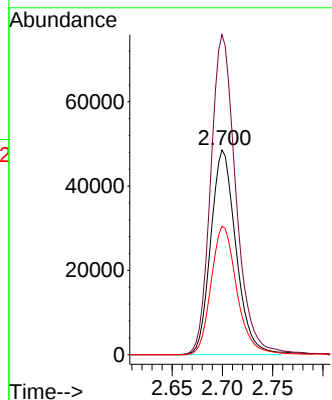
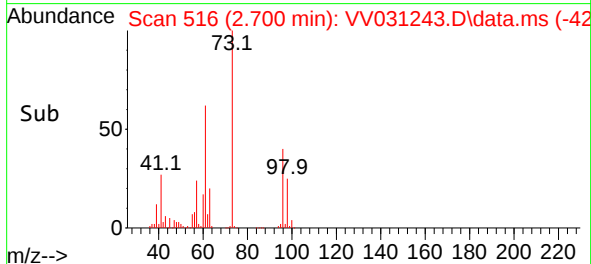


#17
trans-1,2-Dichloroethene
Concen: 48.074 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

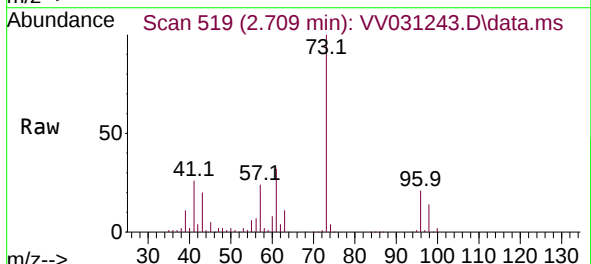
Instrument :
MSVOA_V
ClientSampleId :



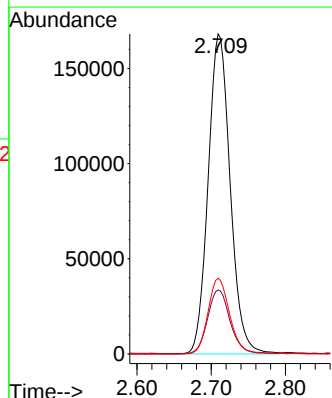
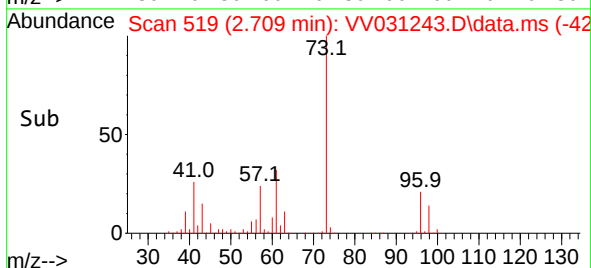
Tgt Ion: 96 Resp: 84950
Ion Ratio Lower Upper
96 100
61 156.3 100.0 185.6
98 62.7 45.4 84.2

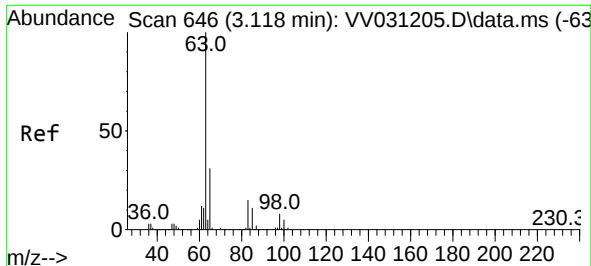


#18
Methyl tert-butyl Ether
Concen: 50.805 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04



Tgt Ion: 73 Resp: 346805
Ion Ratio Lower Upper
73 100
43 20.1 19.4 29.2
57 23.1 17.1 25.7





#19

1,1-Dichloroethane

Concen: 56.493 ug/L

RT: 3.118 min Scan# 646

Delta R.T. 0.000 min

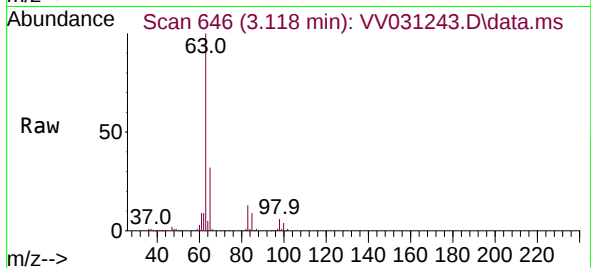
Lab File: VV031243.D

Acq: 26 May 2023 09:04

Instrument :

MSVOA_V

ClientSampleId :



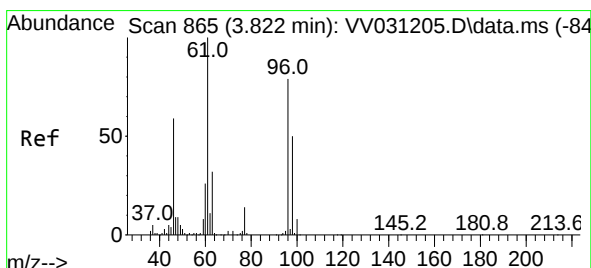
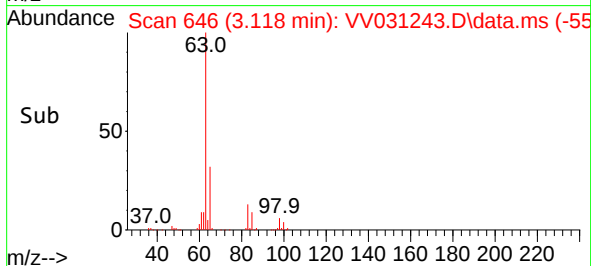
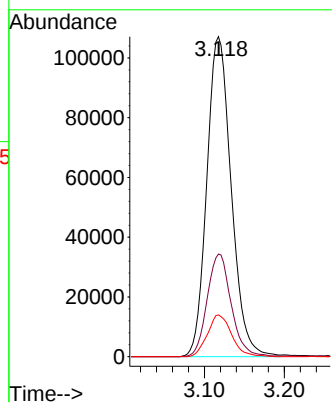
Tgt Ion: 63 Resp: 227501

Ion Ratio Lower Upper

63 100

65 32.0 21.9 40.7

83 13.1 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 48.867 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.000 min

Lab File: VV031243.D

Acq: 26 May 2023 09:04

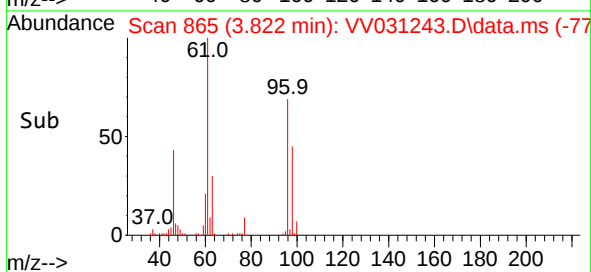
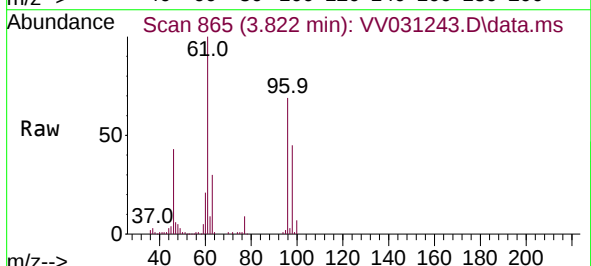
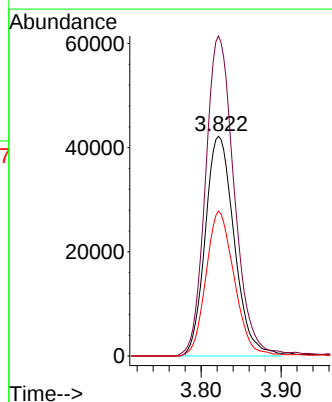
Tgt Ion: 96 Resp: 106450

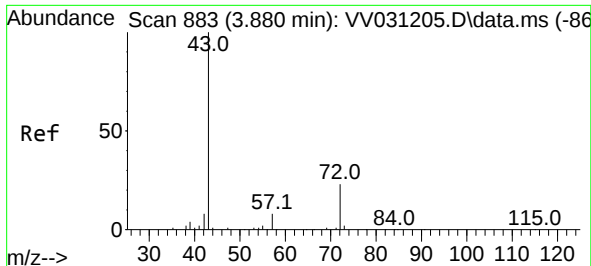
Ion Ratio Lower Upper

96 100

61 145.6 89.2 165.6

98 65.9 43.0 80.0

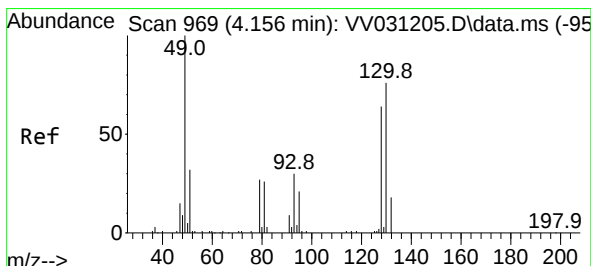
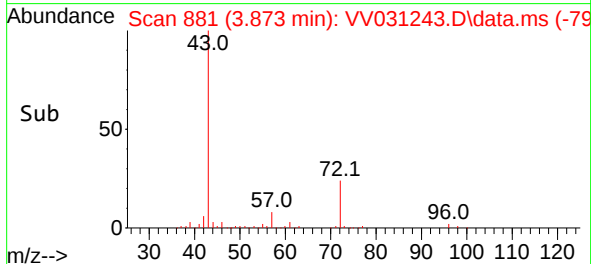
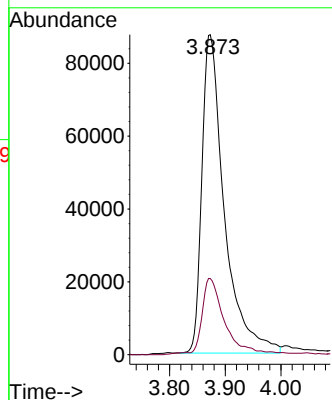
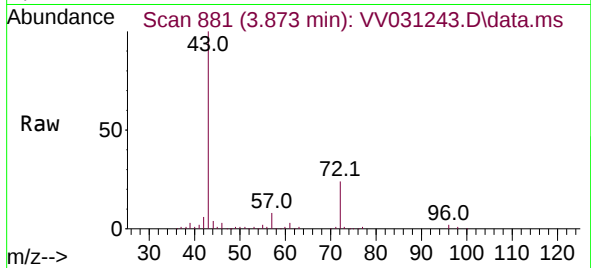




#22
2-Butanone
Concen: 125.479 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.006 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

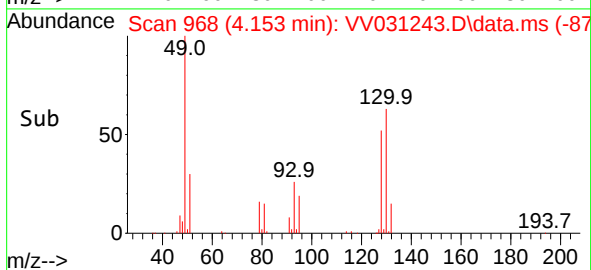
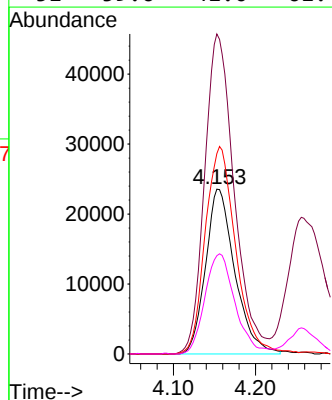
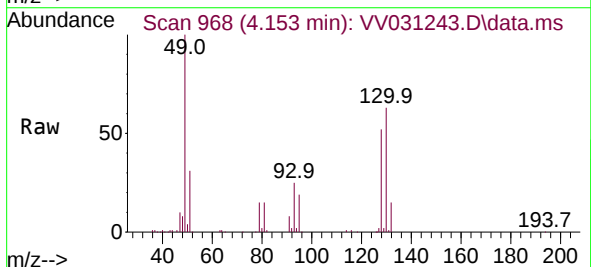
Instrument :
MSVOA_V
ClientSampleId :

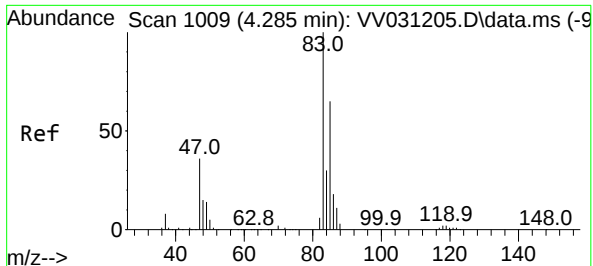
Tgt Ion: 43 Resp: 245104
Ion Ratio Lower Upper
43 100
72 21.9 11.9 35.7



#23
Bromochloromethane
Concen: 48.798 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.003 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Tgt Ion:128 Resp: 58415
Ion Ratio Lower Upper
128 100
49 194.1 113.2 210.2
130 121.5 87.5 162.5
51 59.6 41.0 61.4

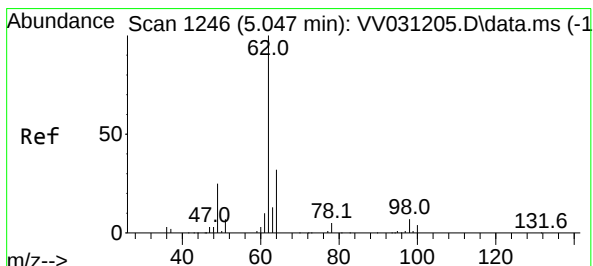
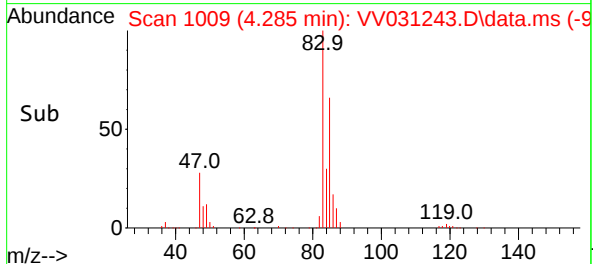
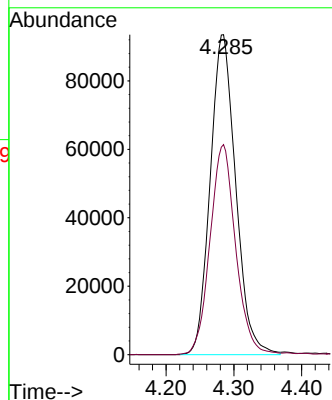
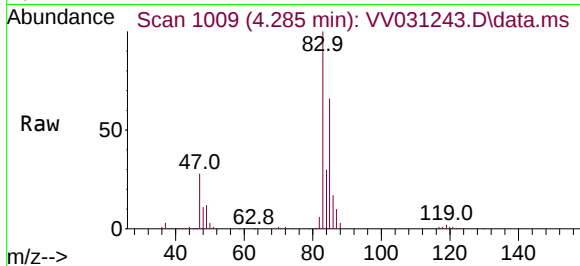




#25
Chloroform
Concen: 54.281 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

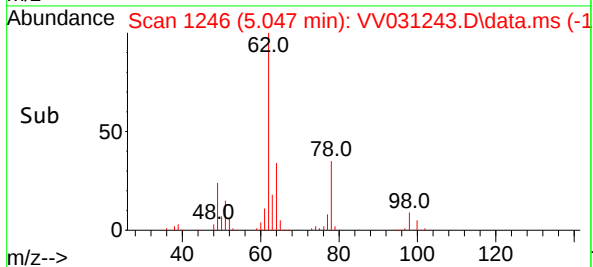
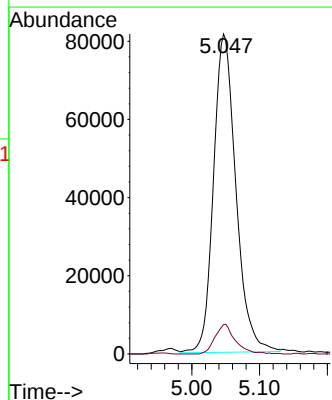
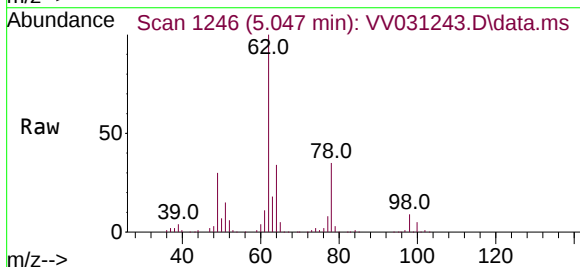
Instrument :
MSVOA_V
ClientSampleId :

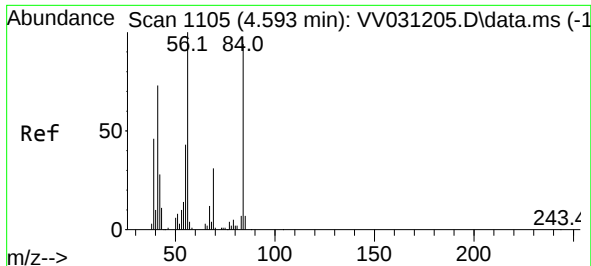
Tgt Ion: 83 Resp: 244190
Ion Ratio Lower Upper
83 100
85 65.6 47.3 87.9



#27
1,2-Dichloroethane
Concen: 48.934 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Tgt Ion: 62 Resp: 186777
Ion Ratio Lower Upper
62 100
98 9.1 6.3 9.5





#29

Cyclohexane

Concen: 56.004 ug/L

RT: 4.590 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VV031243.D

Acq: 26 May 2023 09:04

Instrument :

MSVOA_V

ClientSampleId :

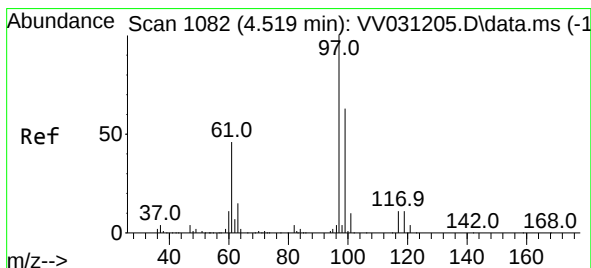
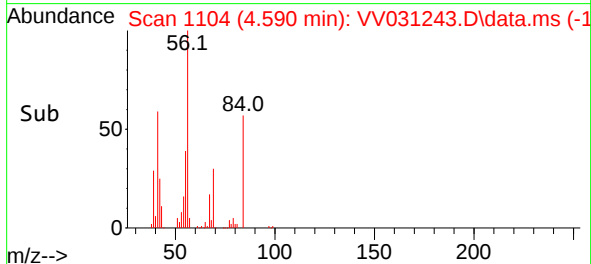
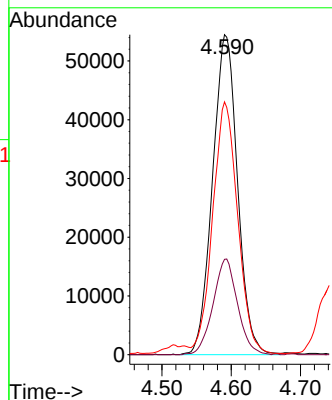
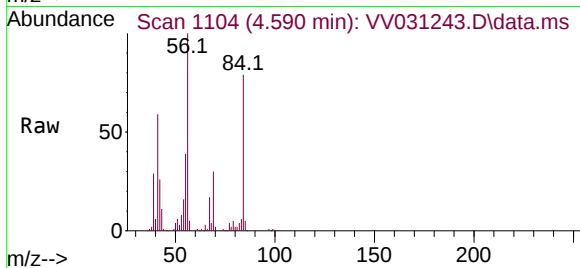
Tgt Ion: 56 Resp: 136771

Ion Ratio Lower Upper

56 100

69 29.2 25.1 37.7

84 78.3 71.5 107.3



#30

1,1,1-Trichloroethane

Concen: 54.181 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VV031243.D

Acq: 26 May 2023 09:04

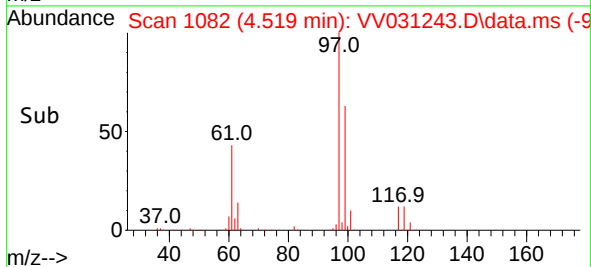
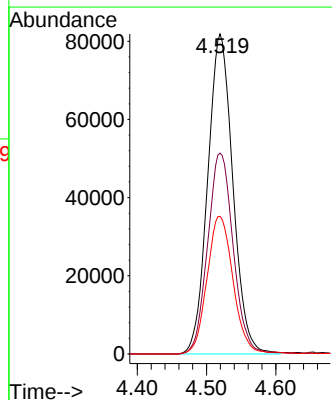
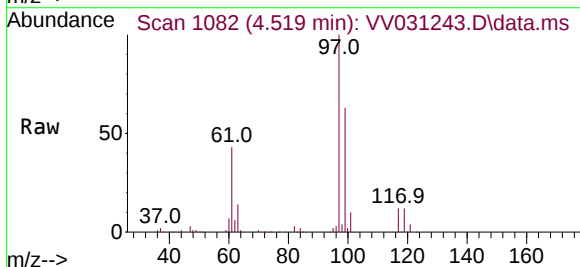
Tgt Ion: 97 Resp: 206343

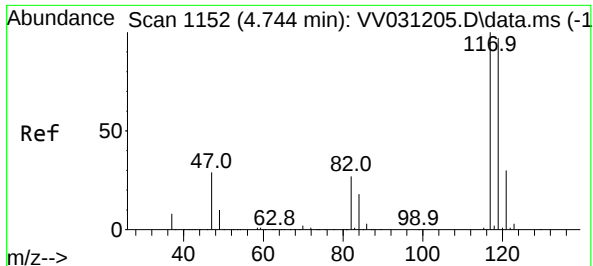
Ion Ratio Lower Upper

97 100

99 63.8 51.9 77.9

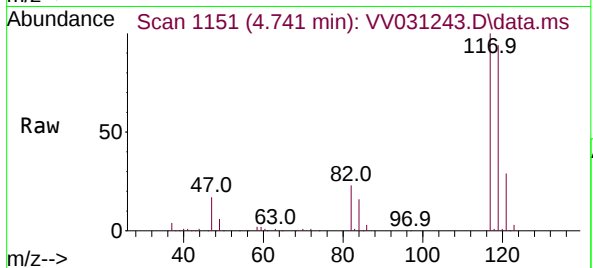
61 44.5 38.2 57.2



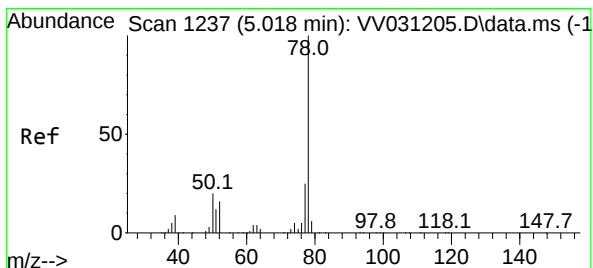
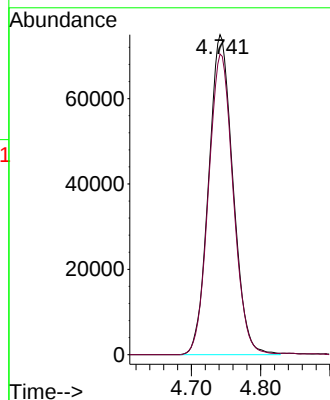
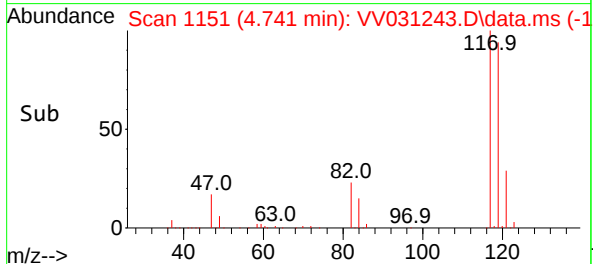


#31
Carbon tetrachloride
Concen: 55.143 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Instrument :
MSVOA_V
ClientSampleId :

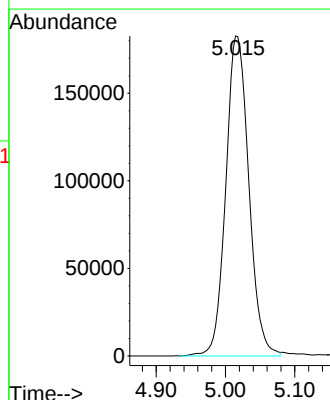
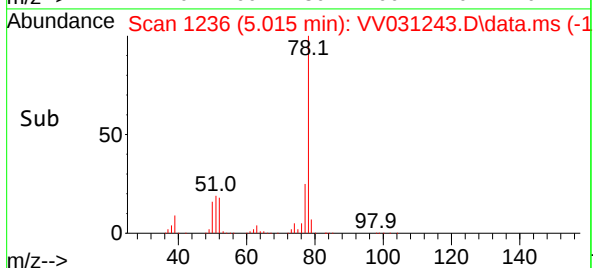
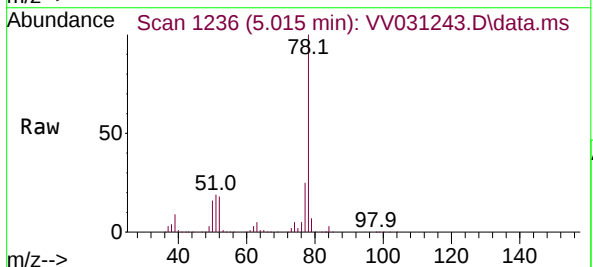


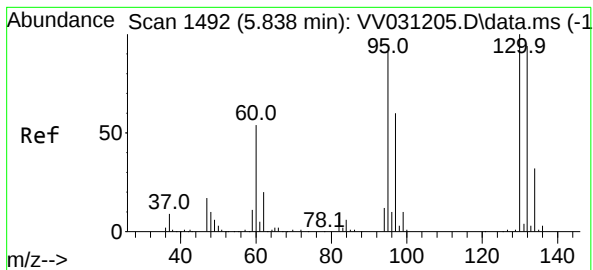
Tgt Ion:117 Resp: 182953
Ion Ratio Lower Upper
117 100
119 95.1 76.9 115.3



#33
Benzene
Concen: 56.736 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Tgt Ion: 78 Resp: 421844





#34

Trichloroethene

Concen: 50.920 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.000 min

Lab File: VV031243.D

Acq: 26 May 2023 09:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 101446

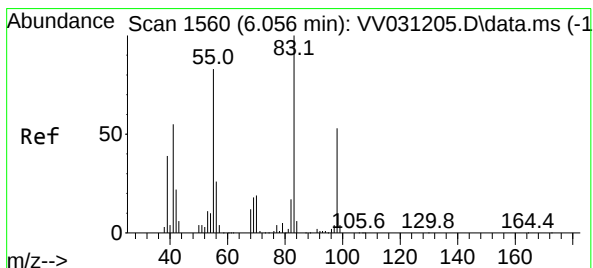
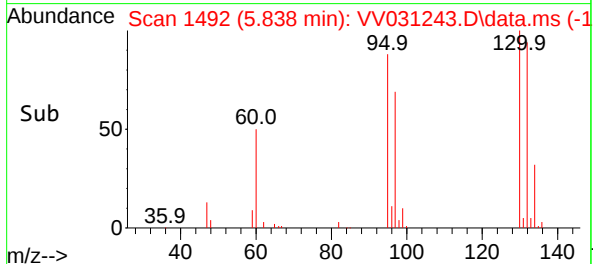
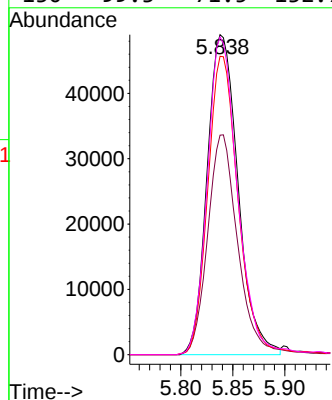
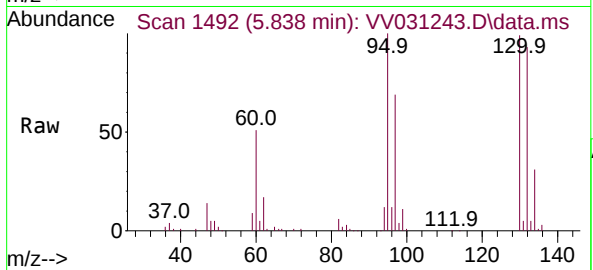
Ion Ratio Lower Upper

95 100

97 68.6 44.4 82.5

132 93.3 70.2 130.4

130 99.3 71.5 132.7



#35

Methylcyclohexane

Concen: 50.493 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. 0.000 min

Lab File: VV031243.D

Acq: 26 May 2023 09:04

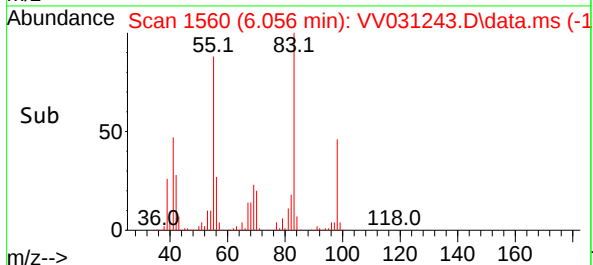
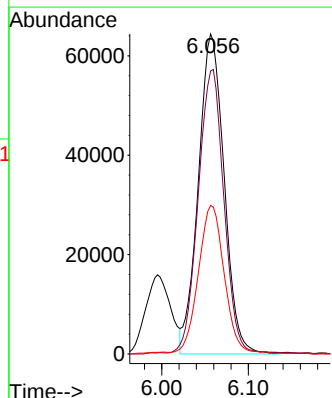
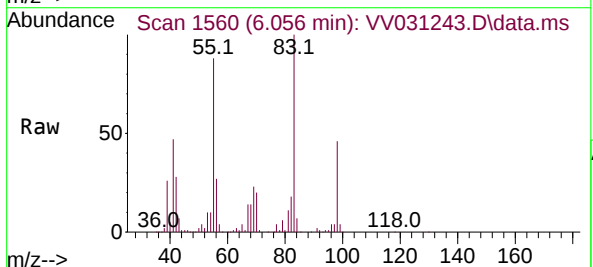
Tgt Ion: 83 Resp: 133483

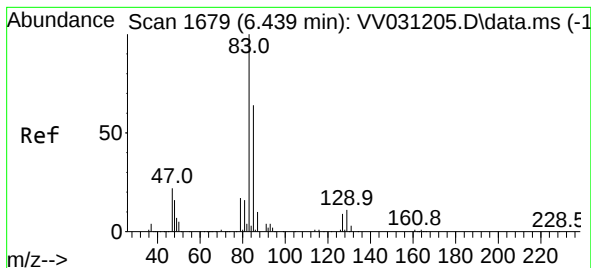
Ion Ratio Lower Upper

83 100

55 88.2 64.2 96.2

98 46.6 40.0 60.0





#38

Bromodichloromethane

Concen: 52.310 ug/L

RT: 6.439 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031243.D

Acq: 26 May 2023 09:04

Instrument :

MSVOA_V

ClientSampleId :

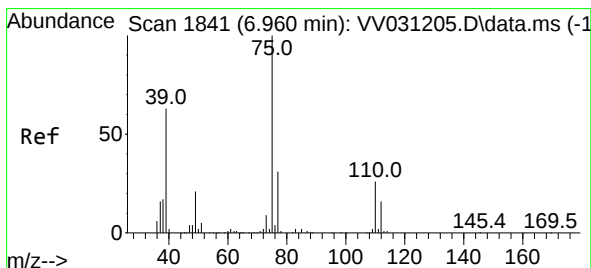
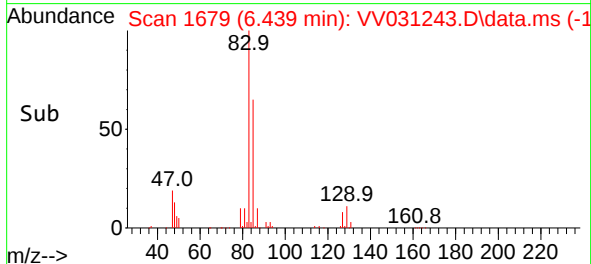
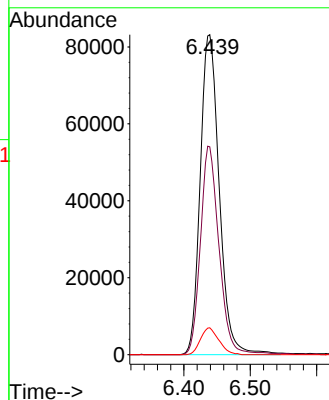
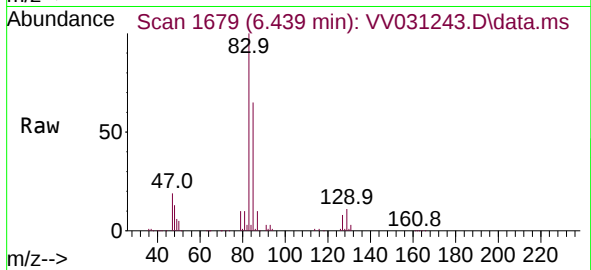
Tgt Ion: 83 Resp: 165944

Ion Ratio Lower Upper

83 100

85 65.0 44.0 81.6

127 8.4 6.9 10.3



#39

cis-1,3-Dichloropropene

Concen: 54.392 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV031243.D

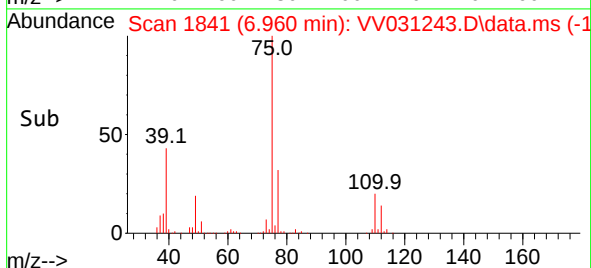
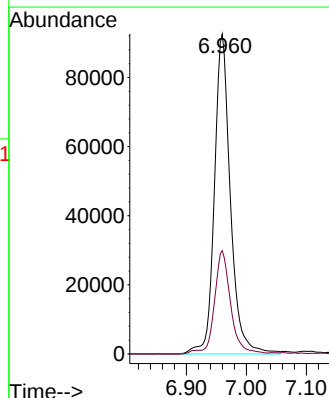
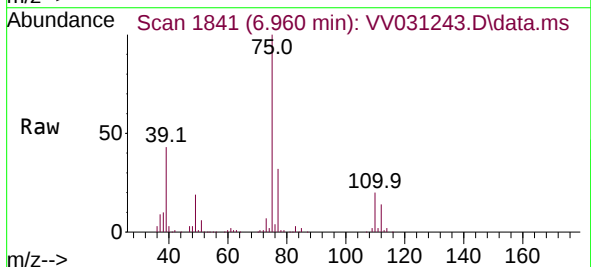
Acq: 26 May 2023 09:04

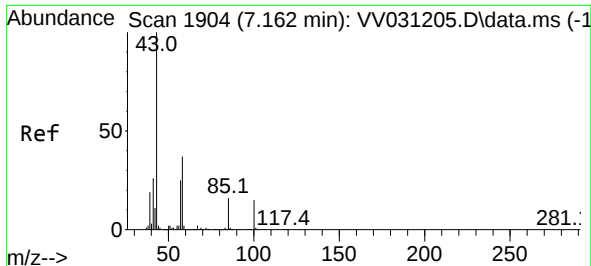
Tgt Ion: 75 Resp: 171643

Ion Ratio Lower Upper

75 100

77 32.2 22.3 41.3





#40

4-Methyl-2-pentanone

Concen: 114.214 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

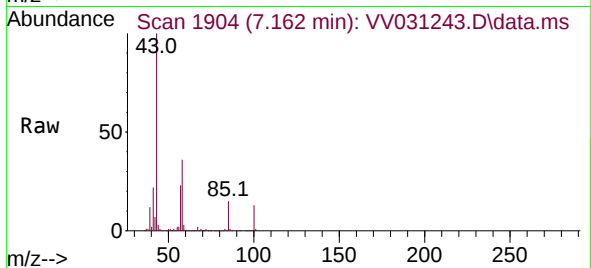
Lab File: VV031243.D

Acq: 26 May 2023 09:04

Instrument :

MSVOA_V

ClientSampleId :



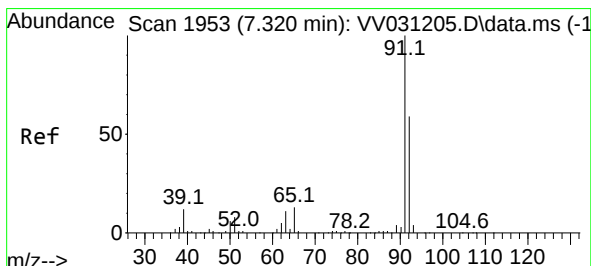
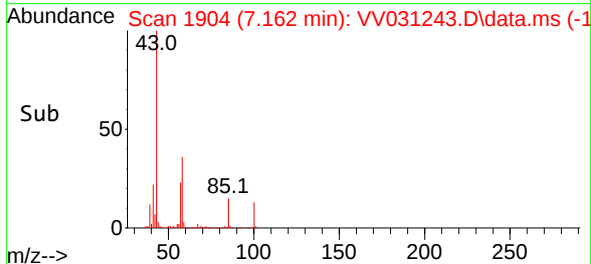
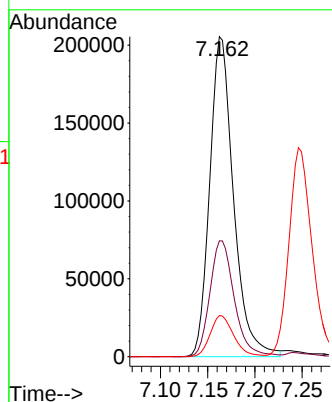
Tgt Ion: 43 Resp: 359669

Ion Ratio Lower Upper

43 100

58 37.1 29.0 43.4

100 12.7 12.2 18.4



#42

Toluene

Concen: 51.753 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031243.D

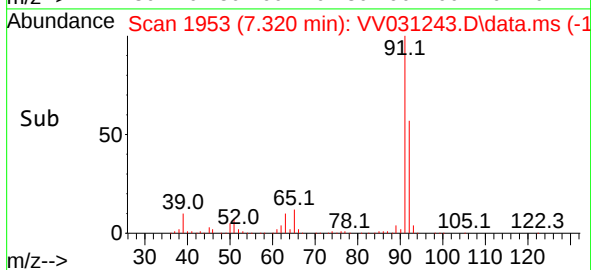
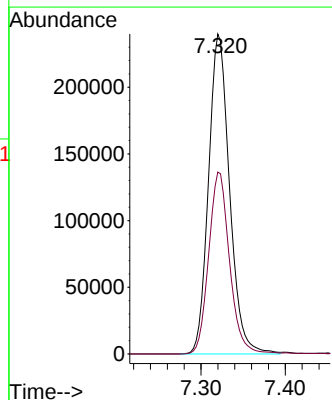
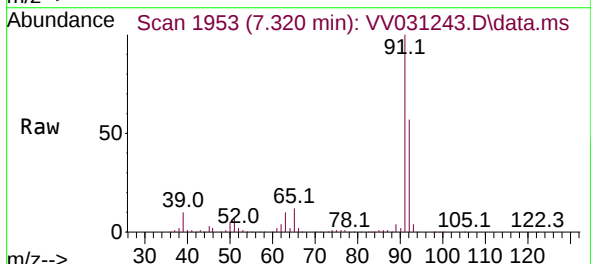
Acq: 26 May 2023 09:04

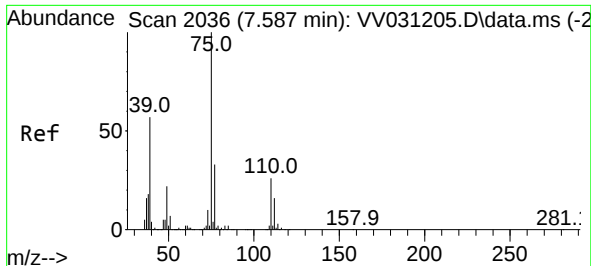
Tgt Ion: 91 Resp: 416322

Ion Ratio Lower Upper

91 100

92 56.9 40.9 76.0

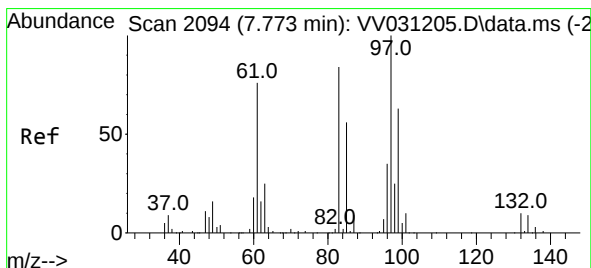
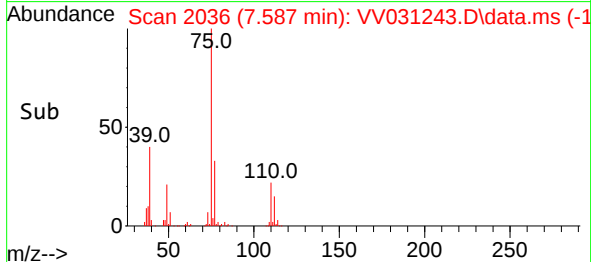
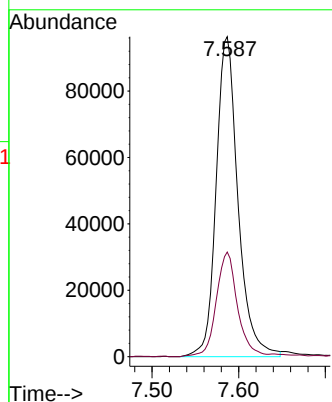
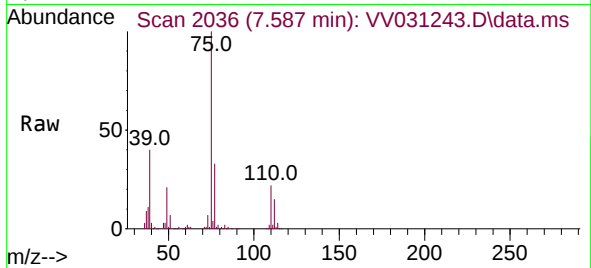




#44
trans-1,3-Dichloropropene
Concen: 52.873 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

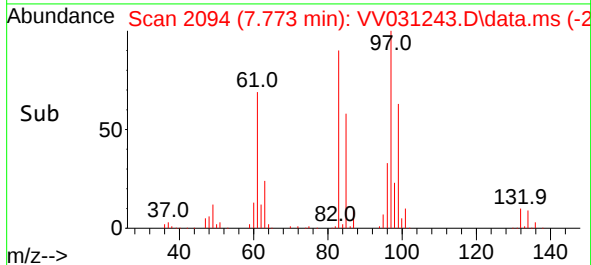
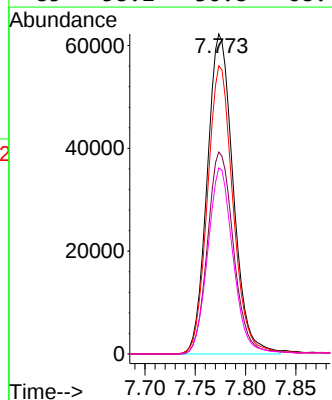
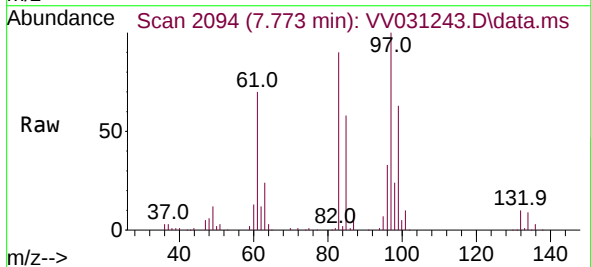
Instrument :
MSVOA_V
ClientSampleId :

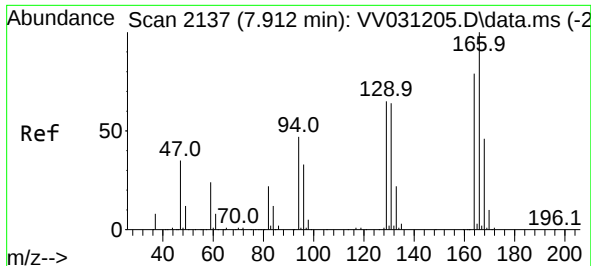
Tgt Ion: 75 Resp: 168788
Ion Ratio Lower Upper
75 100
77 32.7 22.2 41.2



#45
1,1,2-Trichloroethane
Concen: 50.196 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

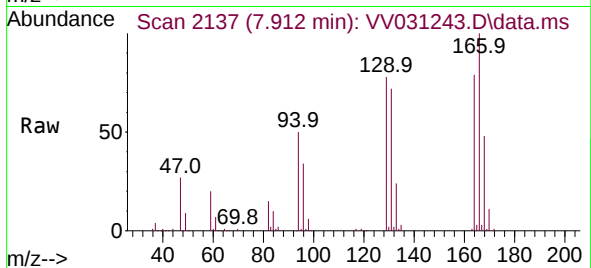
Tgt Ion: 97 Resp: 112094
Ion Ratio Lower Upper
97 100
99 63.1 43.2 80.2
83 90.0 60.5 112.3
85 58.2 36.8 68.4





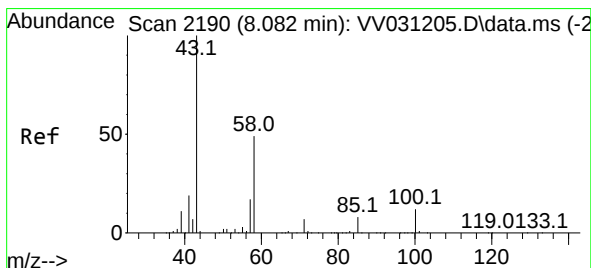
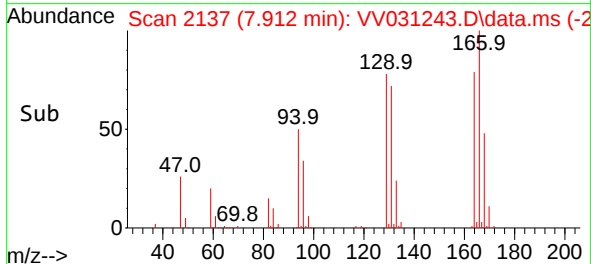
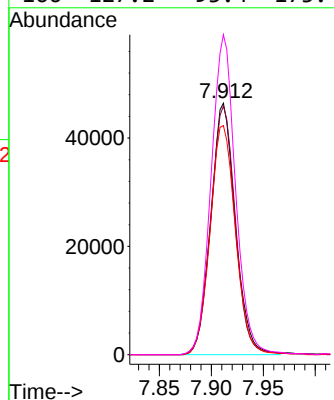
#46
Tetrachloroethene
Concen: 44.494 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 76116

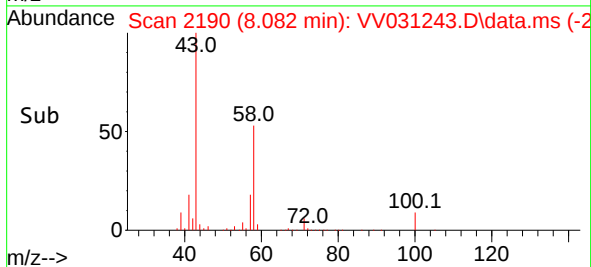
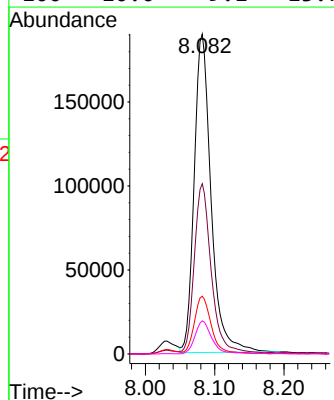
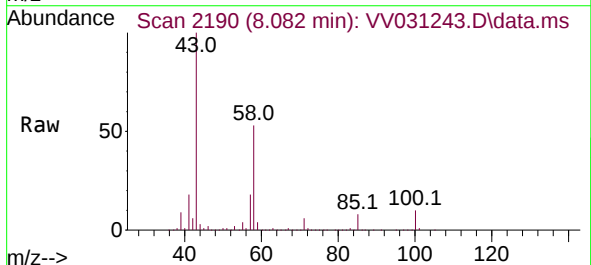
Ion	Ratio	Lower	Upper
164	100		
129	98.9	65.5	121.7
131	91.0	62.1	115.3
166	127.2	93.4	173.4

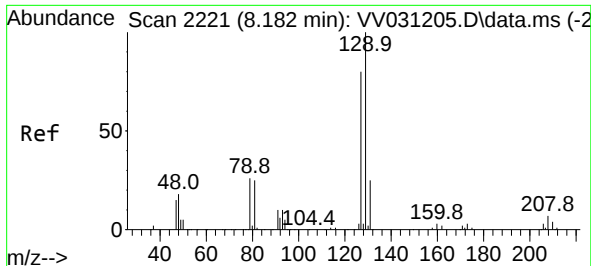


#48
2-Hexanone
Concen: 122.871 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Tgt Ion: 43 Resp: 322273

Ion	Ratio	Lower	Upper
43	100		
58	53.6	39.8	59.6
57	17.2	14.4	21.6
100	10.0	9.1	13.7

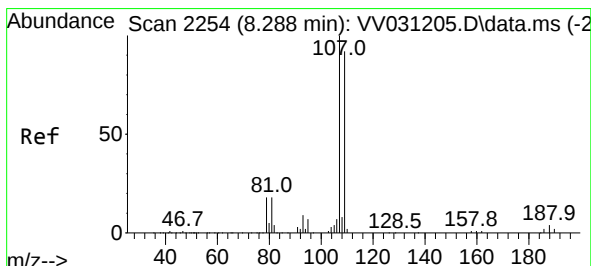
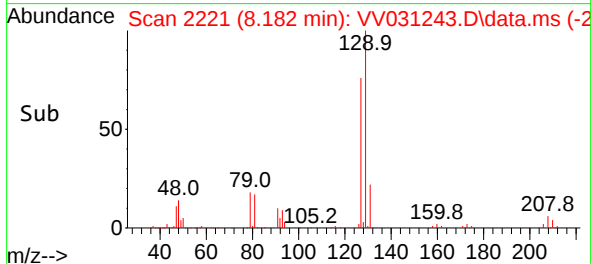
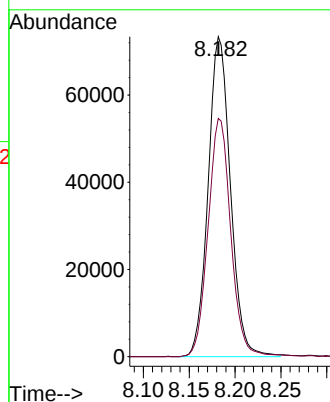
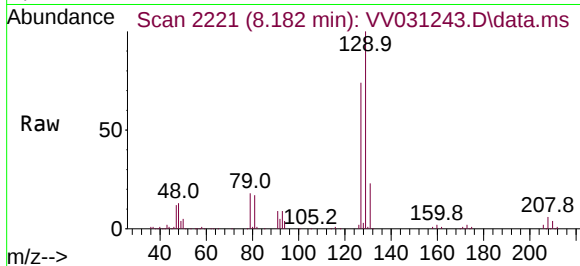




#49
 Dibromochloromethane
 Concen: 49.321 ug/L
 RT: 8.182 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VV031243.D
 Acq: 26 May 2023 09:04

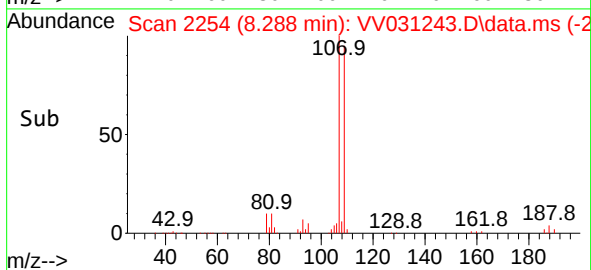
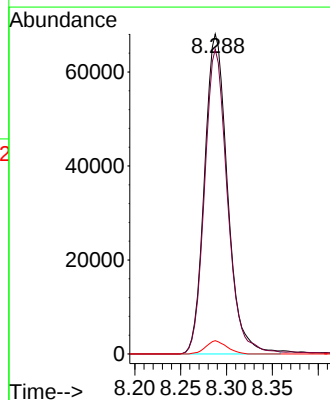
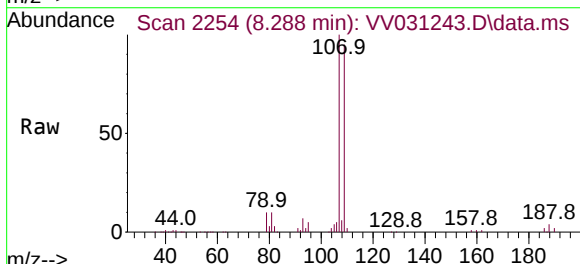
Instrument :
 MSVOA_V
 ClientSampleId :

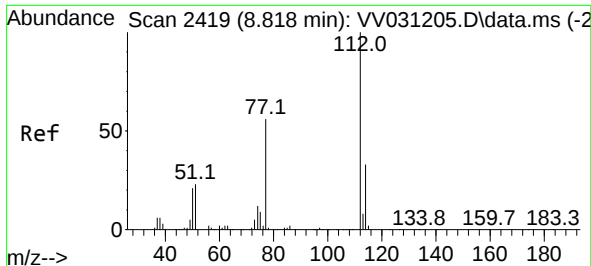
Tgt Ion:129 Resp: 124267
 Ion Ratio Lower Upper
 129 100
 127 74.4 56.1 104.1



#50
 1,2-Dibromoethane
 Concen: 53.639 ug/L
 RT: 8.288 min Scan# 2254
 Delta R.T. 0.000 min
 Lab File: VV031243.D
 Acq: 26 May 2023 09:04

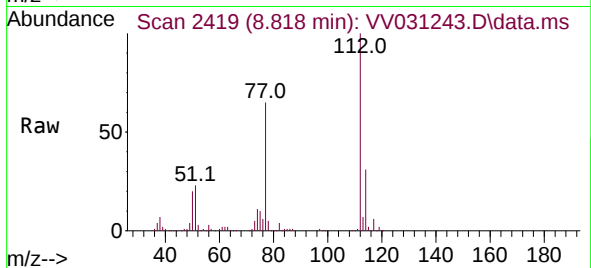
Tgt Ion:107 Resp: 119092
 Ion Ratio Lower Upper
 107 100
 109 95.2 65.6 121.8
 188 4.1 3.8 5.6



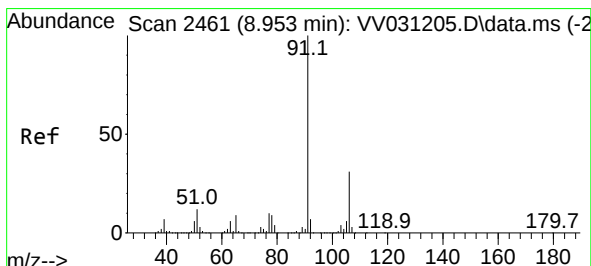
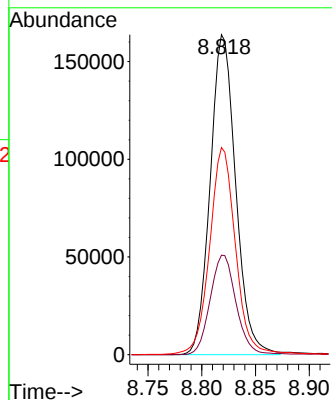
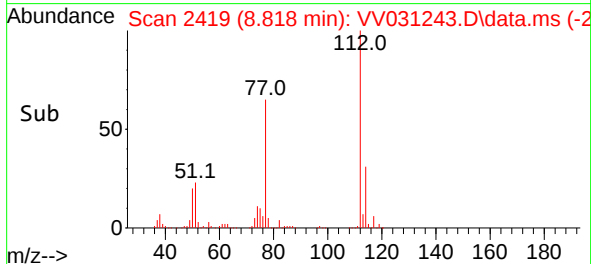


#51
Chlorobenzene
Concen: 47.224 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Instrument :
MSVOA_V
ClientSampleId :

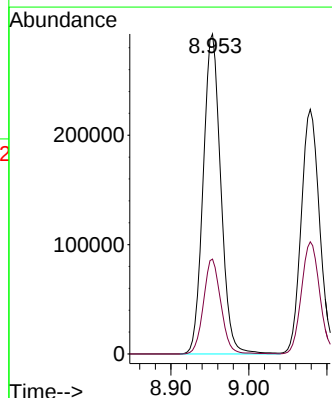
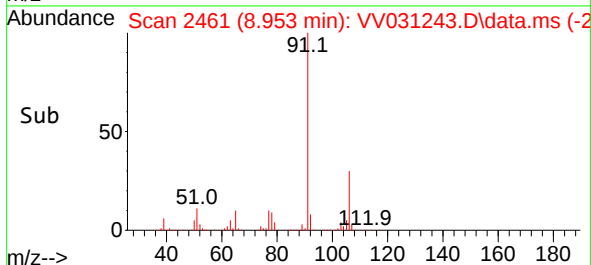
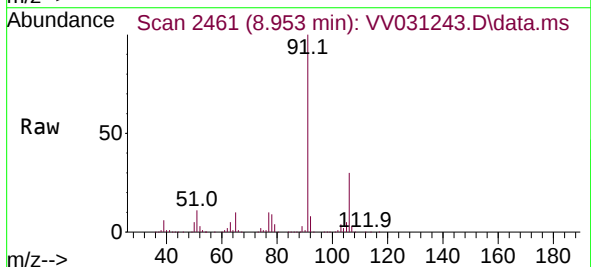


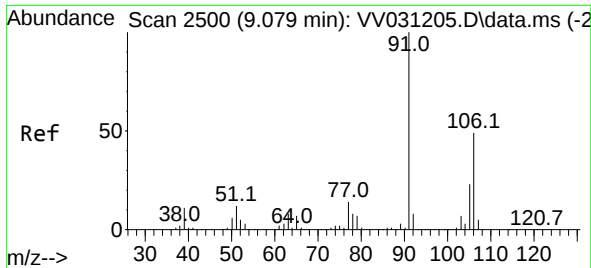
Tgt Ion:112 Resp: 270386
Ion Ratio Lower Upper
112 100
114 31.1 23.0 42.8
77 64.7 46.2 69.4



#52
Ethylbenzene
Concen: 49.903 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Tgt Ion: 91 Resp: 459614
Ion Ratio Lower Upper
91 100
106 29.6 21.5 39.9

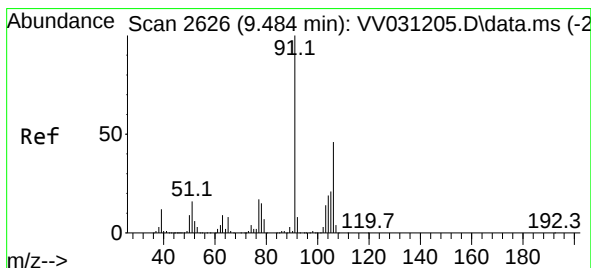
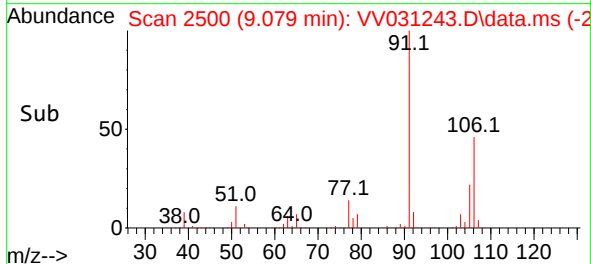
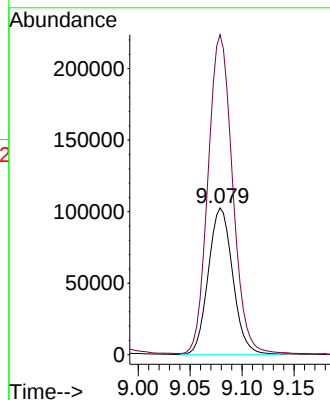
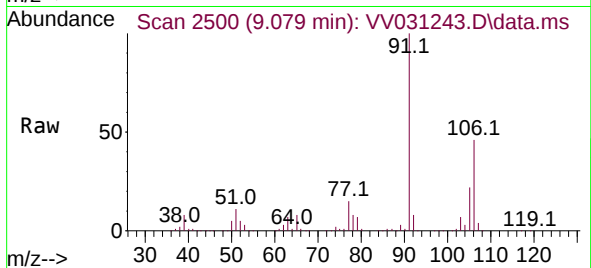




#53
m,p-Xylene
Concen: 46.792 ug/L
RT: 9.079 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

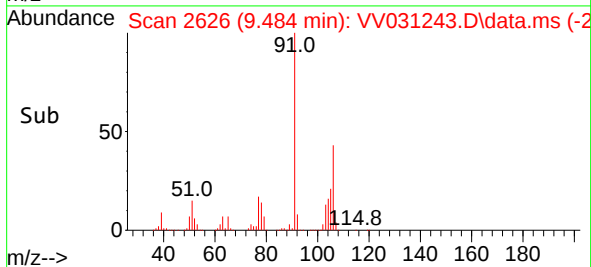
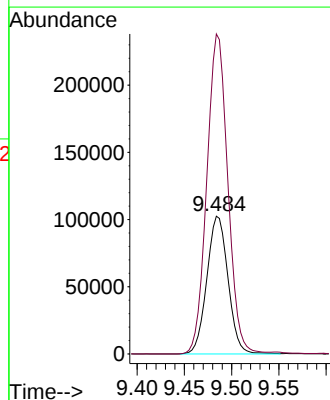
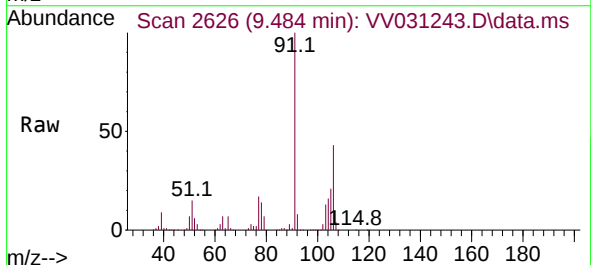
Instrument :
MSVOA_V
ClientSampleId :

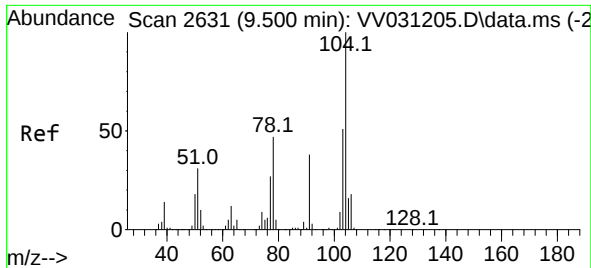
Tgt Ion:106 Resp: 167174
Ion Ratio Lower Upper
106 100
91 218.0 145.3 269.8



#54
o-Xylene
Concen: 45.362 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Tgt Ion:106 Resp: 159877
Ion Ratio Lower Upper
106 100
91 232.3 150.4 279.2

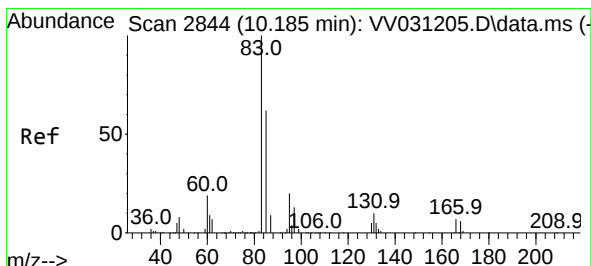
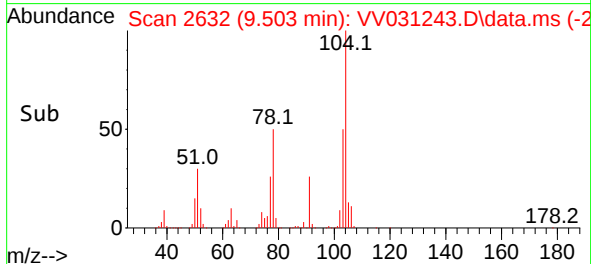
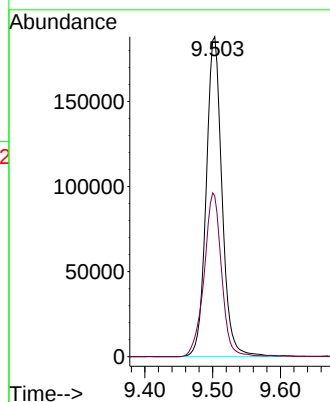
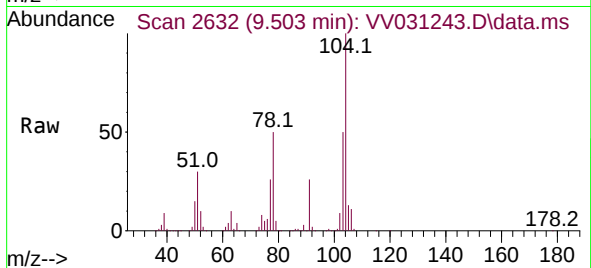




#55
Styrene
Concen: 48.997 ug/L
RT: 9.503 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

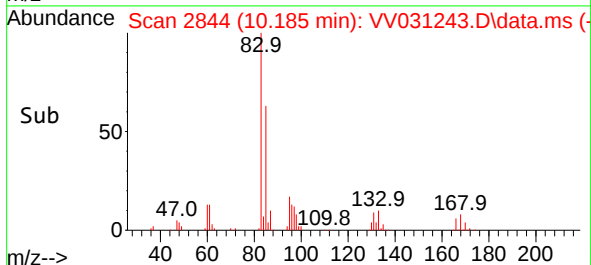
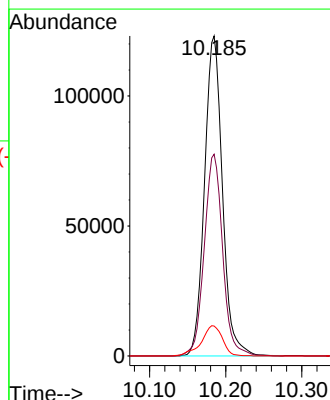
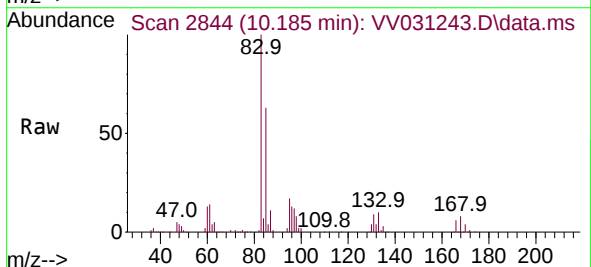
Instrument :
MSVOA_V
ClientSampleId :

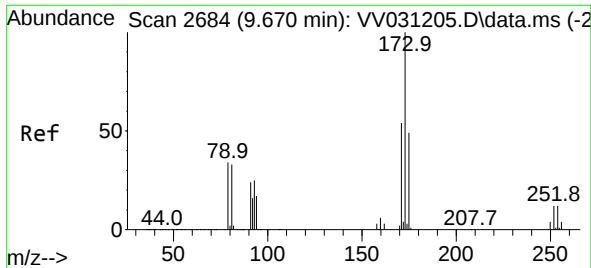
Tgt Ion:104 Resp: 305417
Ion Ratio Lower Upper
104 100
78 50.2 33.2 61.6



#57
1,1,2,2-Tetrachloroethane
Concen: 54.891 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

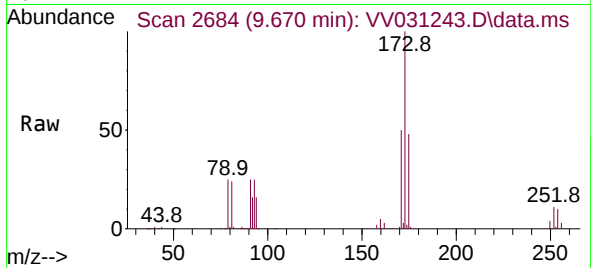
Tgt Ion: 83 Resp: 201405
Ion Ratio Lower Upper
83 100
85 63.0 45.0 83.6
131 9.4 9.2 13.8



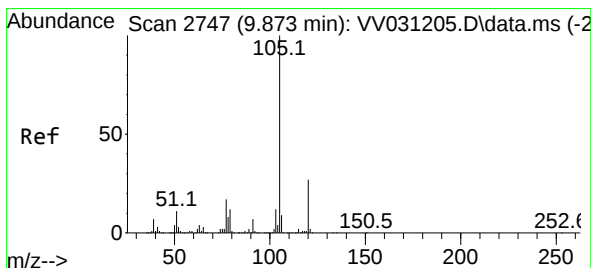
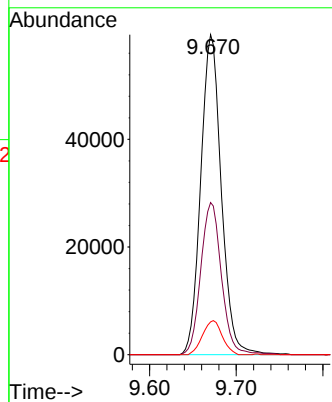
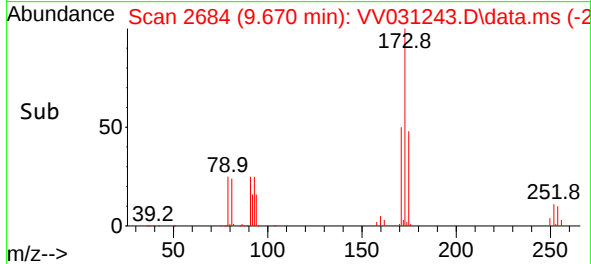


#59
Bromoform
Concen: 46.829 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

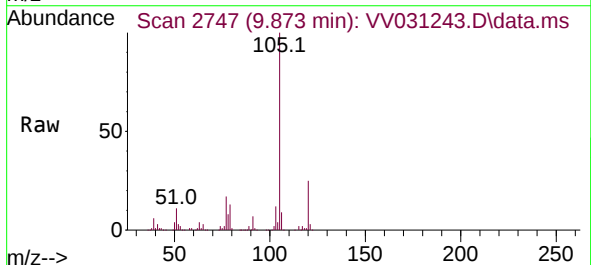
Instrument :
MSVOA_V
ClientSampleId :



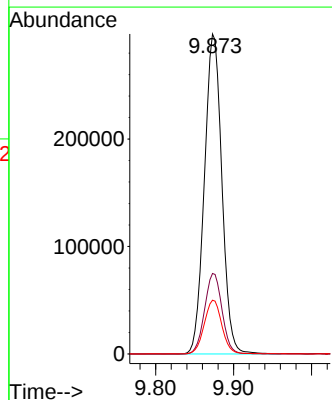
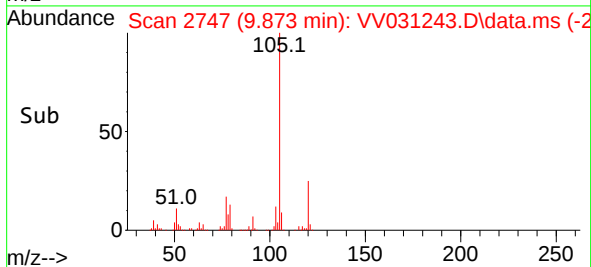
Tgt Ion:173 Resp: 97940
Ion Ratio Lower Upper
173 100
175 47.9 38.8 58.2
254 10.2 8.8 13.2

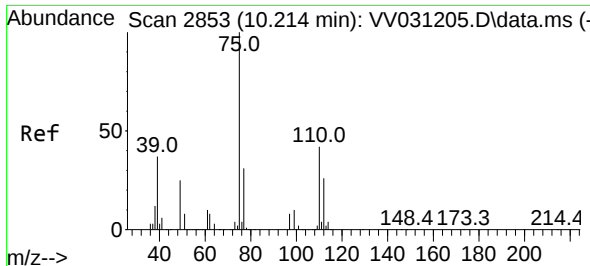


#60
Isopropylbenzene
Concen: 48.176 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04



Tgt Ion:105 Resp: 464731
Ion Ratio Lower Upper
105 100
120 25.1 21.4 32.0
77 17.0 13.0 19.6

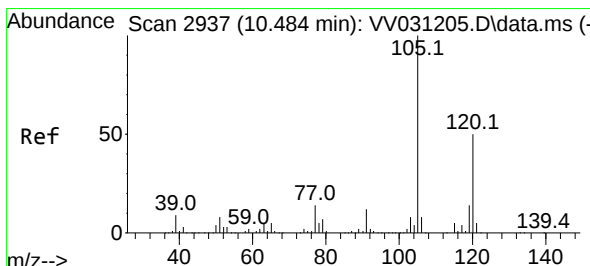
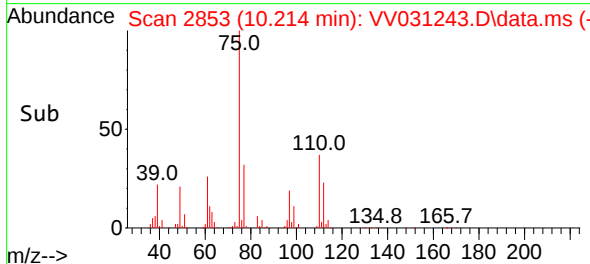
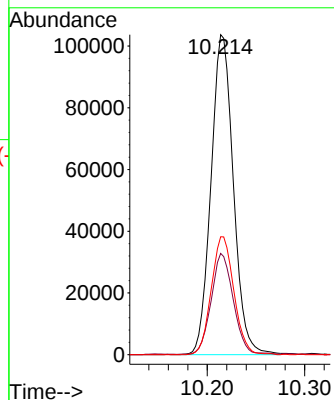
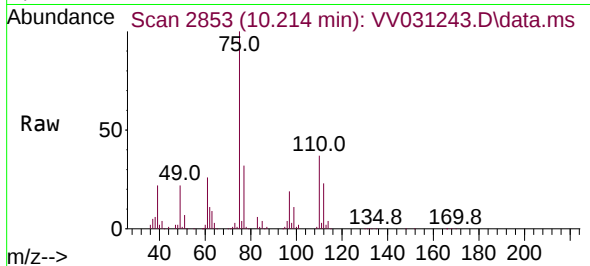




#61
1,2,3-Trichloropropane
Concen: 59.593 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

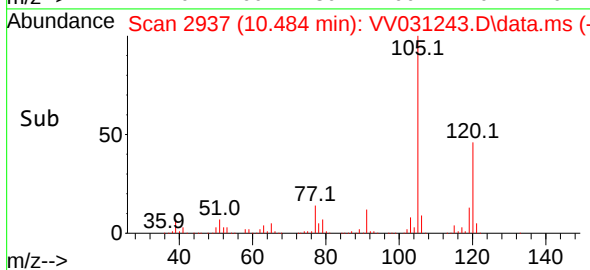
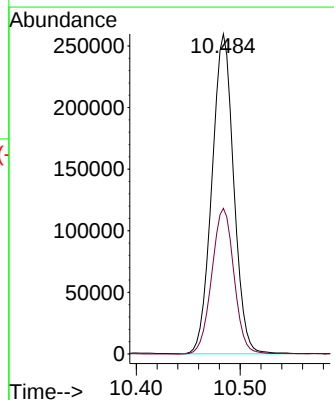
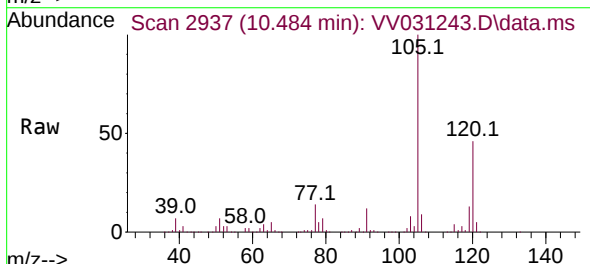
Instrument :
MSVOA_V
ClientSampleId :

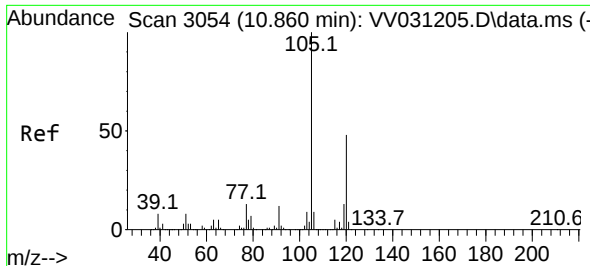
Tgt Ion: 75 Resp: 165359
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
110 37.1 32.5 48.7



#62
1,3,5-Trimethylbenzene
Concen: 47.694 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Tgt Ion: 105 Resp: 378174
Ion Ratio Lower Upper
105 100
120 46.4 40.5 60.7

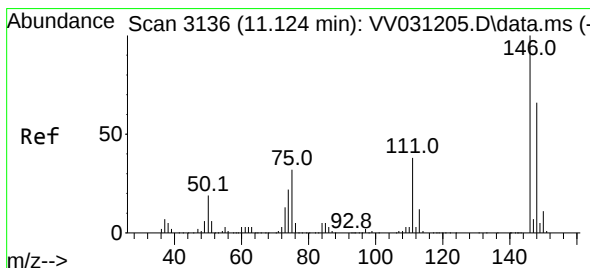
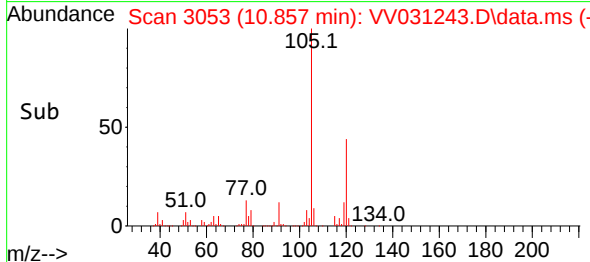
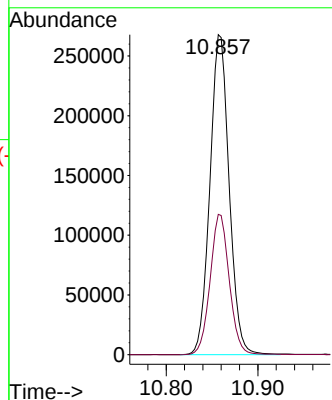
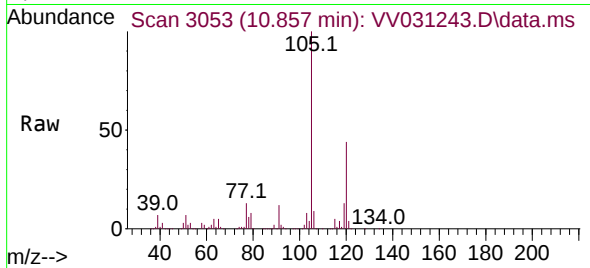




#63
 1,2,4-Trimethylbenzene
 Concen: 50.356 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. -0.003 min
 Lab File: VV031243.D
 Acq: 26 May 2023 09:04

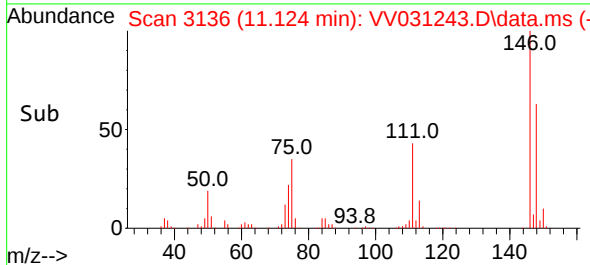
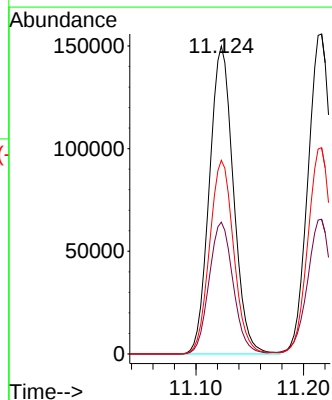
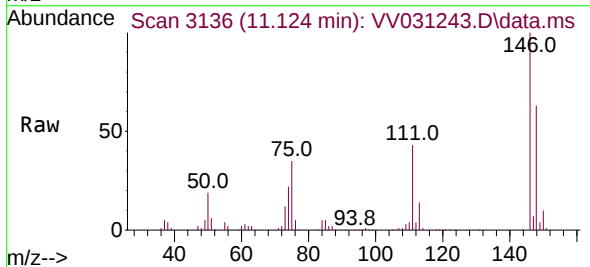
Instrument :
 MSVOA_V
 ClientSampleId :

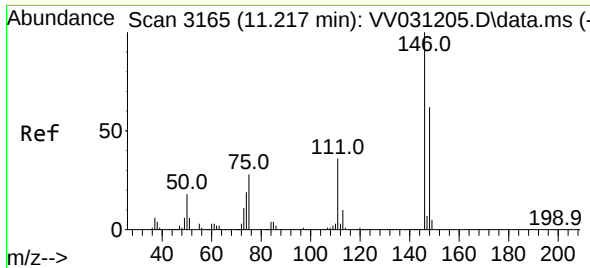
Tgt Ion:105 Resp: 390408
 Ion Ratio Lower Upper
 105 100
 120 43.6 37.5 56.3



#64
 1,3-Dichlorobenzene
 Concen: 47.089 ug/L
 RT: 11.124 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: VV031243.D
 Acq: 26 May 2023 09:04

Tgt Ion:146 Resp: 232746
 Ion Ratio Lower Upper
 146 100
 111 42.8 27.2 50.4
 148 62.9 44.4 82.5

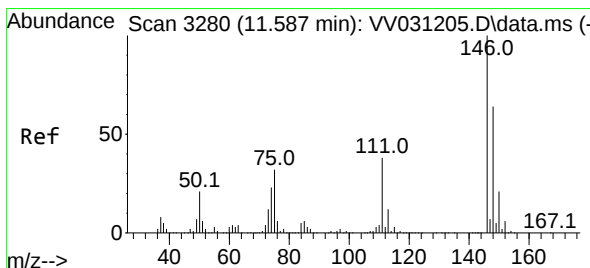
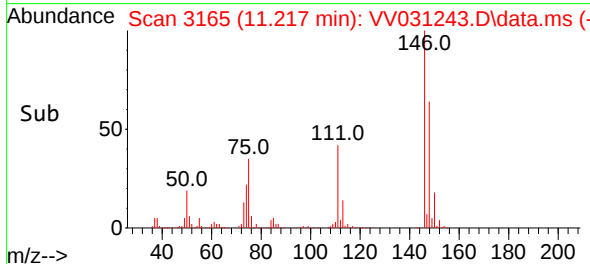
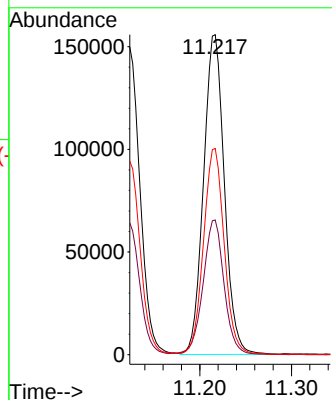
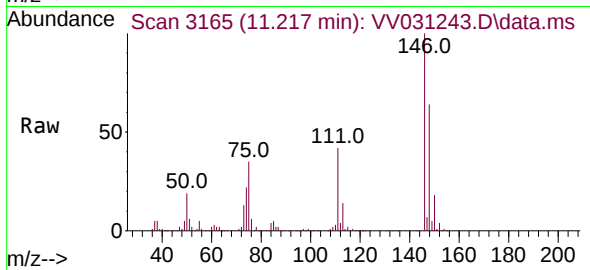




#65
1,4-Dichlorobenzene
Concen: 47.811 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

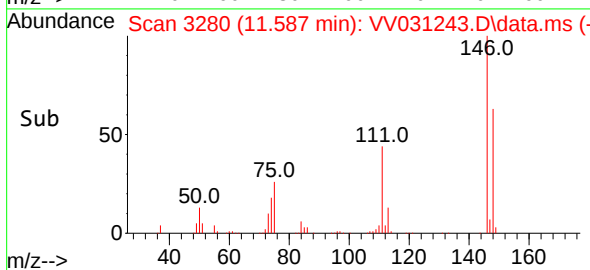
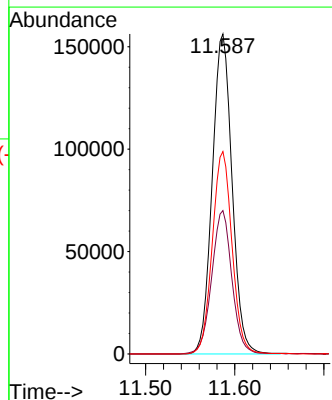
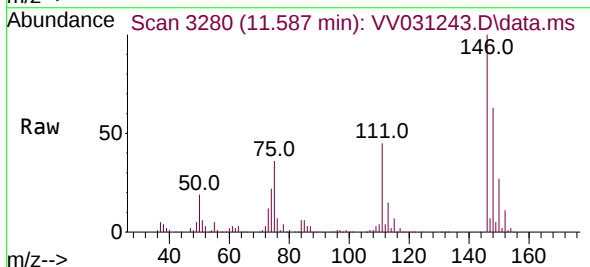
Instrument :
MSVOA_V
ClientSampleId :

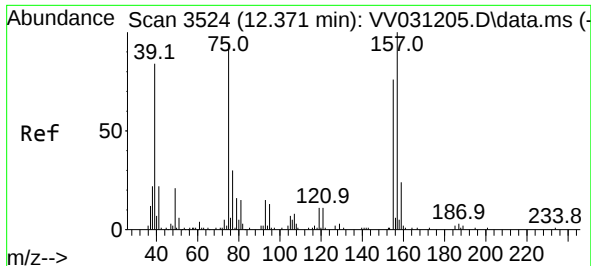
Tgt Ion:146 Resp: 245848
Ion Ratio Lower Upper
146 100
111 42.1 25.5 47.3
148 64.4 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 48.092 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VV031243.D
Acq: 26 May 2023 09:04

Tgt Ion:146 Resp: 241194
Ion Ratio Lower Upper
146 100
111 44.8 31.4 47.2
148 63.2 50.2 75.4





#68

1,2-Dibromo-3-chloropropane

Concen: 51.137 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031243.D

Acq: 26 May 2023 09:04

Instrument :

MSVOA_V

ClientSampleId :

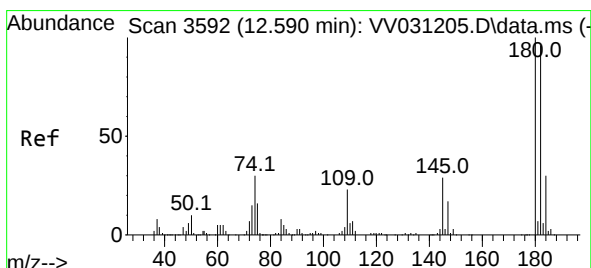
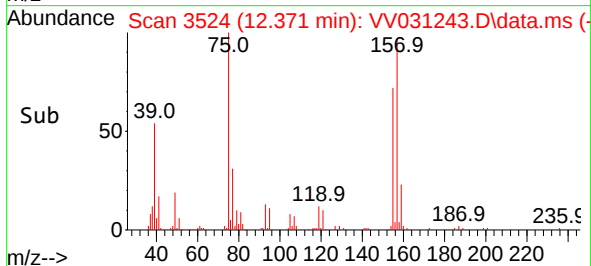
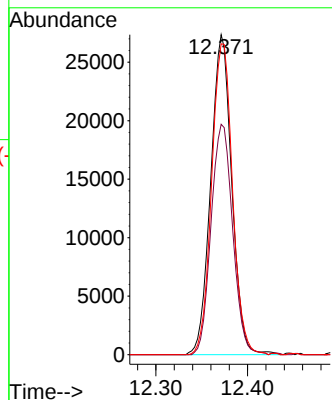
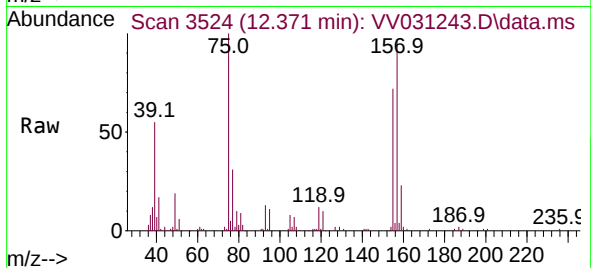
Tgt Ion: 75 Resp: 43557

Ion Ratio Lower Upper

75 100

155 72.0 70.9 106.3

157 97.2 88.1 132.1



#69

1,3,5-Trichlorobenzene

Concen: 47.409 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

Lab File: VV031243.D

Acq: 26 May 2023 09:04

Tgt Ion:180 Resp: 181146

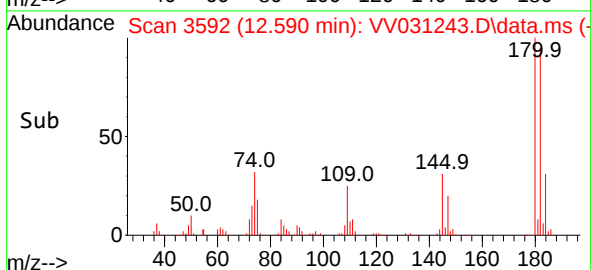
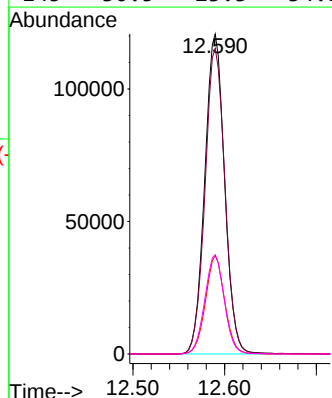
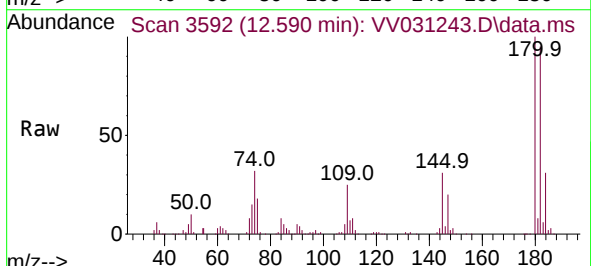
Ion Ratio Lower Upper

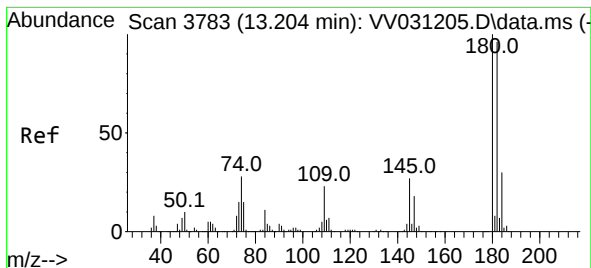
180 100

182 96.2 76.6 115.0

184 29.8 24.6 37.0

145 30.5 23.3 34.9





#70

1,2,4-trichlorobenzene

Concen: 49.474 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031243.D

Acq: 26 May 2023 09:04

Instrument :

MSVOA_V

ClientSampleId :

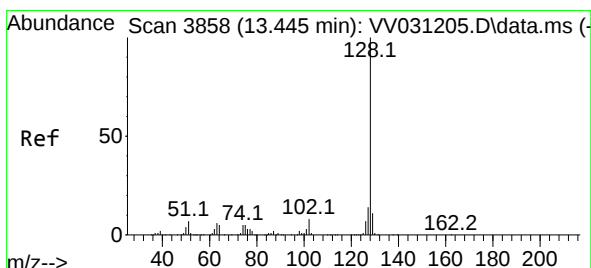
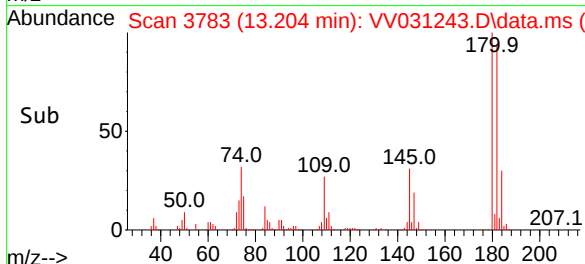
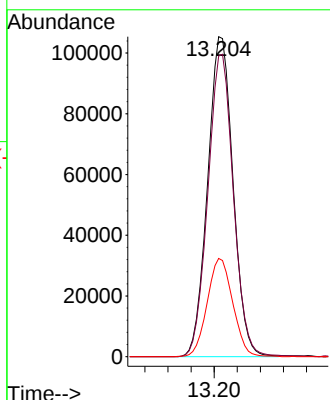
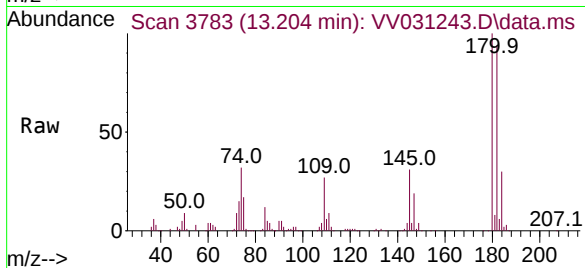
Tgt Ion:180 Resp: 160875

Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.2

145 30.8 23.1 34.7



#71

Naphthalene

Concen: 47.509 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031243.D

Acq: 26 May 2023 09:04

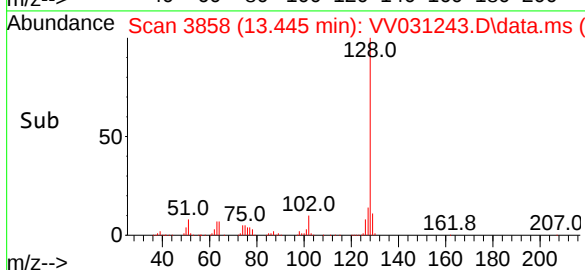
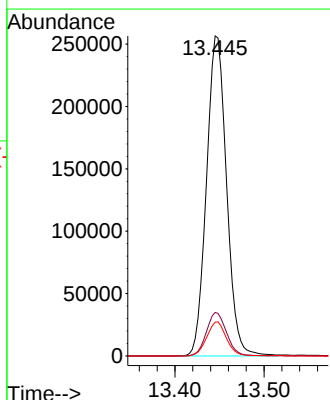
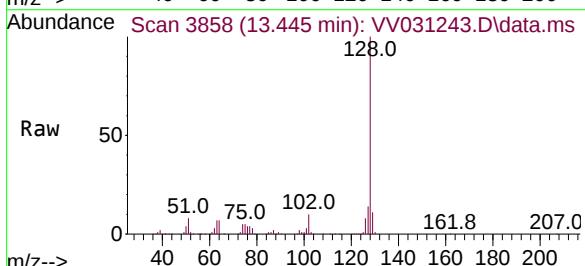
Tgt Ion:128 Resp: 401278

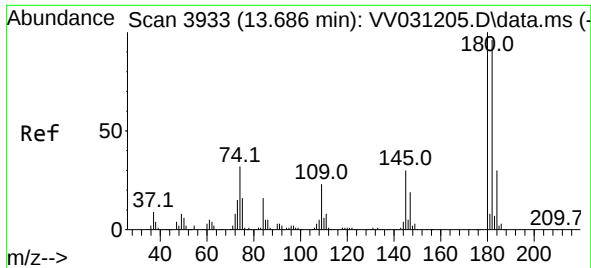
Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

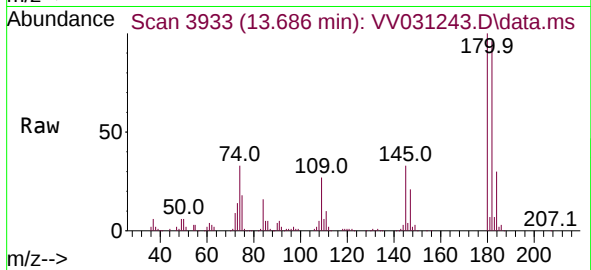
129 10.5 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 52.493 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.000 min
 Lab File: VV031243.D
 Acq: 26 May 2023 09:04

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	170571
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.4	113.0
145	33.2	24.2	36.4

