

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010323\
 Data File : VW025219.D
 Acq On : 03 Jan 2023 15:09
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV404

Quant Time: Jan 04 00:53:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:45:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	514535	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	392680	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	226417	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	137675	23.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.200%
7) Chloroethane-d5	2.879	69	90924	24.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.640%
11) 1,1-Dichloroethene-d2	4.019	63	302666	23.134	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.520%
21) 2-Butanone-d5	7.074	46	82452	54.462	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.920%
24) Chloroform-d	7.647	84	319825	24.800	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	8.305	65	164813	24.811	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.240%
32) Benzene-d6	8.275	84	657016	27.864	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.440%
36) 1,2-Dichloropropane-d6	9.275	67	195310	28.315	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.280%
41) Toluene-d8	10.323	98	597102	27.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.280%
43) trans-1,3-Dichloroprop...	10.573	79	85872	29.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.280%
47) 2-Hexanone-d5	10.921	63	68806	63.305	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.600%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	121513	25.191	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.760%
66) 1,2-Dichlorobenzene-d4	13.847	152	195432	24.293	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	71191	24.393	ug/L	97
3) Chloromethane	2.209	50	122371	23.787	ug/L	99
5) Vinyl chloride	2.355	62	147330	22.454	ug/L	98
6) Bromomethane	2.776	94	80210	23.288	ug/L	98
8) Chloroethane	2.916	64	70226	22.962	ug/L	97
9) Trichlorofluoromethane	3.257	101	101779	22.394	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	149148	22.549	ug/L	99
12) 1,1-Dichloroethene	4.038	96	147196	23.075	ug/L	92
13) Acetone	4.123	43	71890	40.603	ug/L	97
14) Carbon disulfide	4.385	76	481354	22.773	ug/L	100
15) Methyl Acetate	4.672	43	65806	25.723	ug/L	100
16) Methylene chloride	4.909	84	163582	20.555	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	159581	23.355	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	233183	24.348	ug/L	99
19) 1,1-Dichloroethane	6.214	63	283616	23.596	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	169671	23.892	ug/L	95
22) 2-Butanone	7.171	43	93992	47.775	ug/L	99
23) Bromochloromethane	7.513	128	72095	24.321	ug/L	98
25) Chloroform	7.677	83	282046	23.866	ug/L	99

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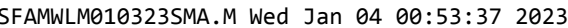
Instrument :
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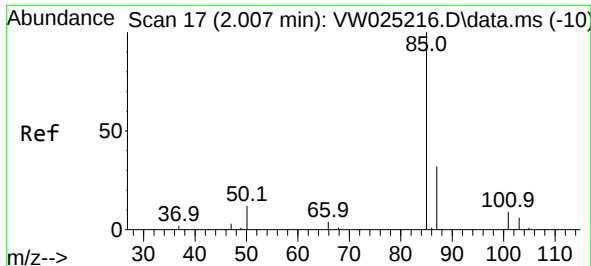
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	181924	24.873	ug/L	99
29) Cyclohexane	7.952	56	269640	26.051	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	232253	26.631	ug/L	99
31) Carbon tetrachloride	8.067	117	205695	25.898	ug/L	98
33) Benzene	8.323	78	651654	27.452	ug/L	100
34) Trichloroethene	9.092	95	165458	26.727	ug/L	97
35) Methylcyclohexane	9.336	83	296599	26.402	ug/L	99
37) 1,2-Dichloropropane	9.366	63	160605	27.514	ug/L	100
38) Bromodichloromethane	9.646	83	203510	27.890	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	252563	28.364	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	180792	59.347	ug/L	98
42) Toluene	10.384	91	684039	27.396	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	213449	28.021	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	116199	28.698	ug/L	98
46) Tetrachloroethene	10.860	164	121163	26.639	ug/L	96
48) 2-Hexanone	10.963	43	132344	56.647	ug/L	98
49) Dibromochloromethane	11.128	129	138378	29.284	ug/L	91
50) 1,2-Dibromoethane	11.232	107	111644	29.147	ug/L	96
51) Chlorobenzene	11.652	112	379365	24.327	ug/L	97
52) Ethylbenzene	11.725	91	677148	24.336	ug/L	96
53) m,p-Xylene	11.835	106	246604	22.933	ug/L	94
54) o-Xylene	12.164	106	249791	25.240	ug/L	100
55) Styrene	12.176	104	422475	25.119	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.707	83	112212	24.853	ug/L	98
59) Bromoform	12.347	173	59249	19.839	ug/L	96
60) Isopropylbenzene	12.457	105	616360	18.066	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84513	20.008	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	576915	19.945	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	650030	22.781	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	313867	22.508	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	317221	22.954	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	284316	23.624	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	24396	25.786	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	233700	23.522	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	200792	23.800	ug/L	98
71) Naphthalene	15.359	128	407927	24.671	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	174709	24.141	ug/L	97

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

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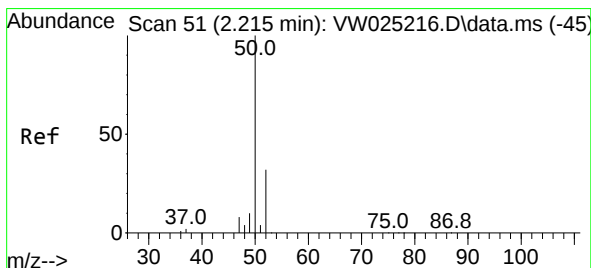
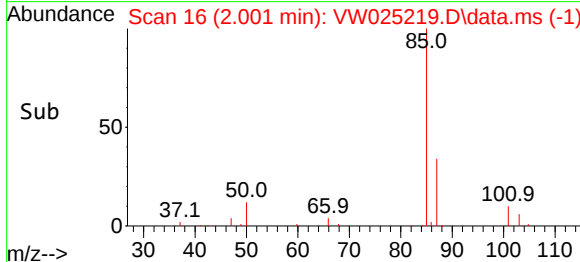
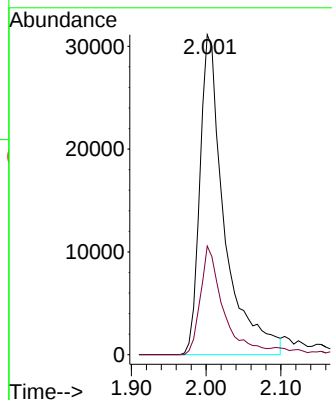
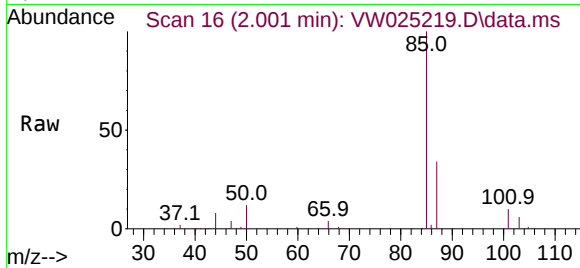




#2
Dichlorodifluoromethane
Concen: 24.393 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

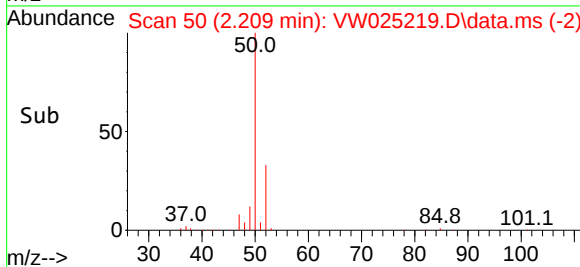
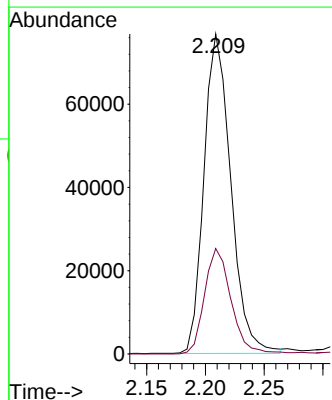
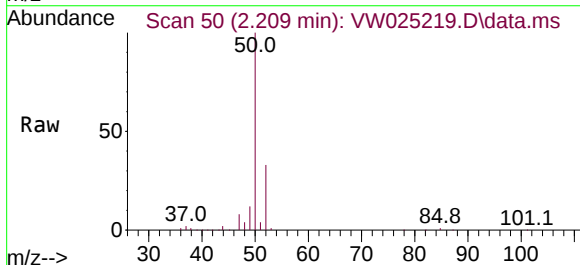
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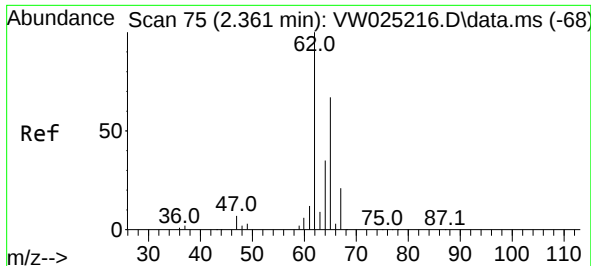
Tgt Ion: 85 Resp: 71191
Ion Ratio Lower Upper
85 100
87 31.3 26.6 39.8



#3
Chloromethane
Concen: 23.787 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion: 50 Resp: 122371
Ion Ratio Lower Upper
50 100
52 33.0 22.7 42.1

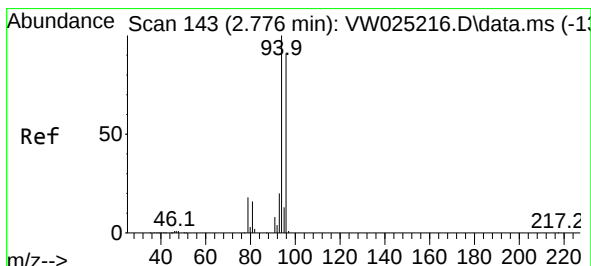
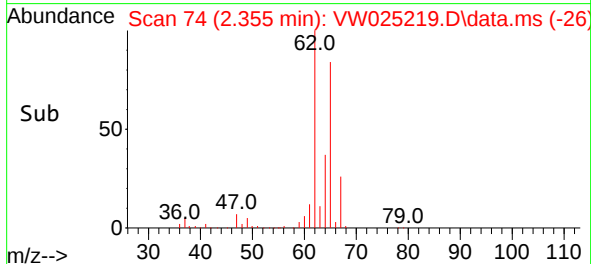
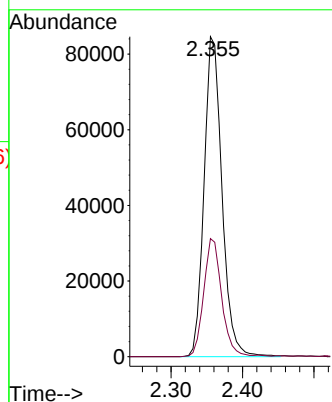
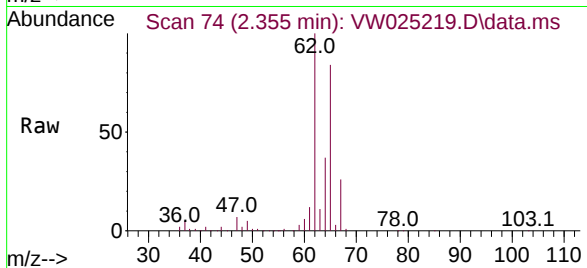




#5
 Vinyl chloride
 Concen: 22.454 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW025219.D
 Acq: 03 Jan 2023 15:09

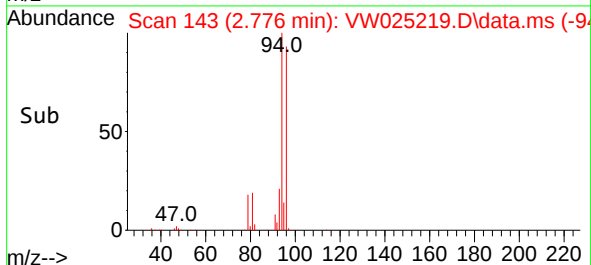
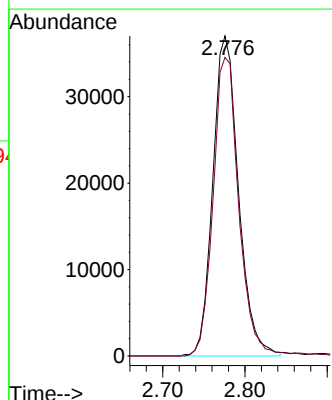
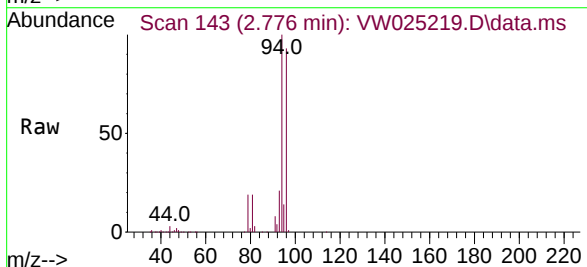
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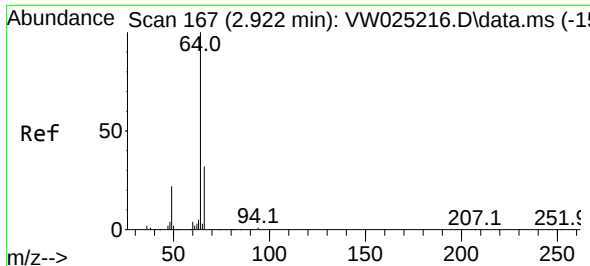
Tgt Ion: 62 Resp: 147330
 Ion Ratio Lower Upper
 62 100
 64 36.9 24.8 46.1



#6
 Bromomethane
 Concen: 23.288 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW025219.D
 Acq: 03 Jan 2023 15:09

Tgt Ion: 94 Resp: 80210
 Ion Ratio Lower Upper
 94 100
 96 93.3 63.9 118.7

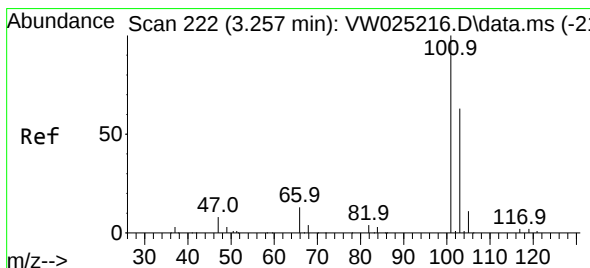
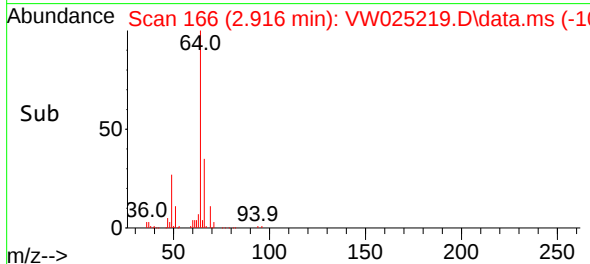
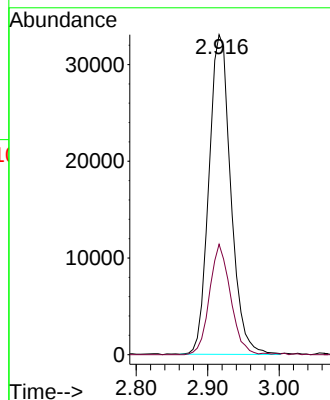
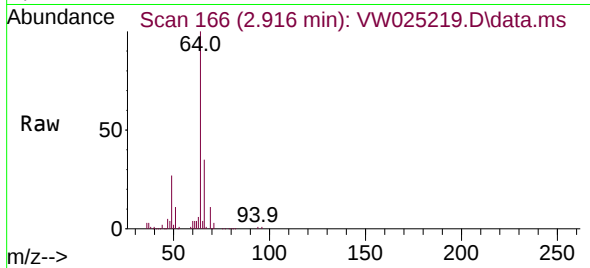




#8
Chloroethane
Concen: 22.962 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

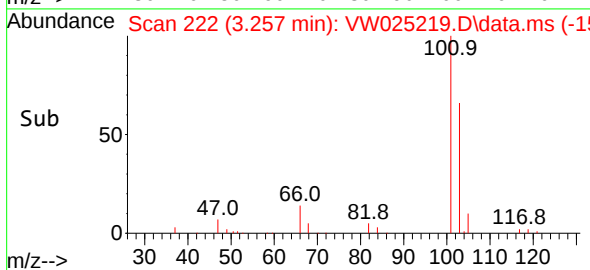
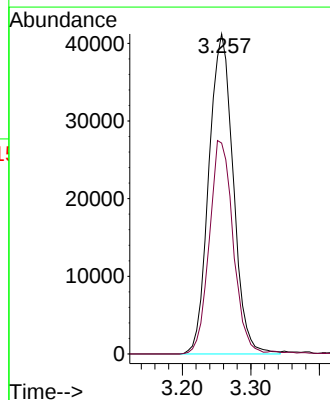
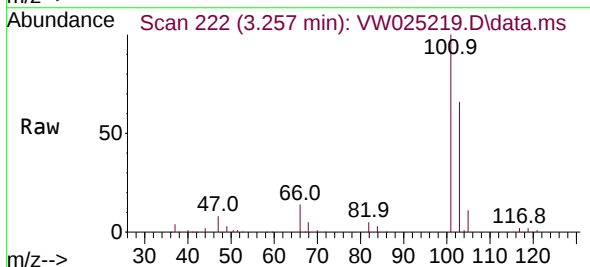
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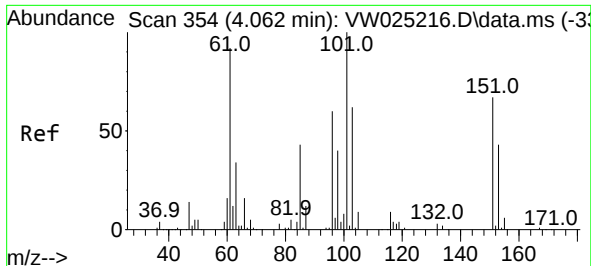
Tgt Ion: 64 Resp: 70226
Ion Ratio Lower Upper
64 100
66 34.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 22.394 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion:101 Resp: 101779
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

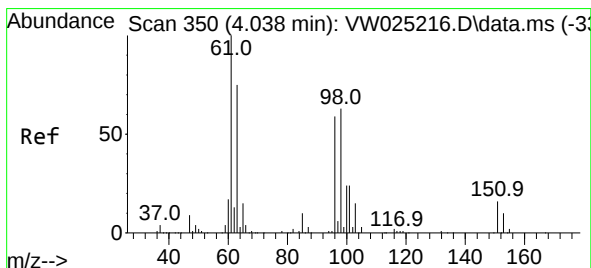
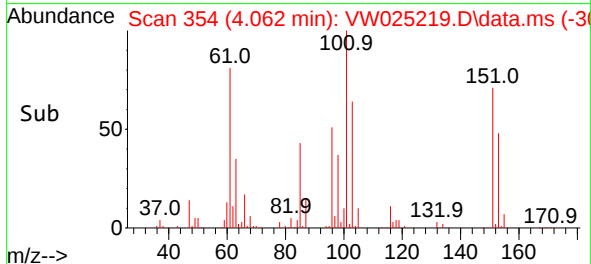
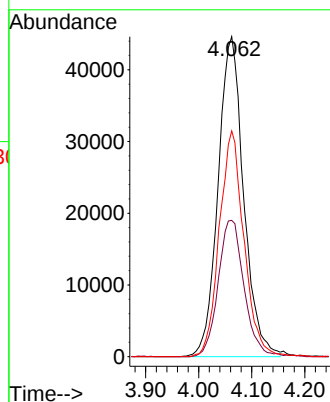
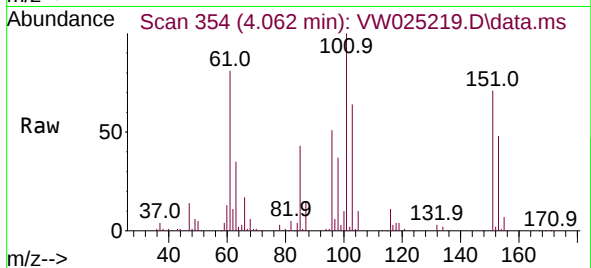




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.549 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025219.D
 Acq: 03 Jan 2023 15:09

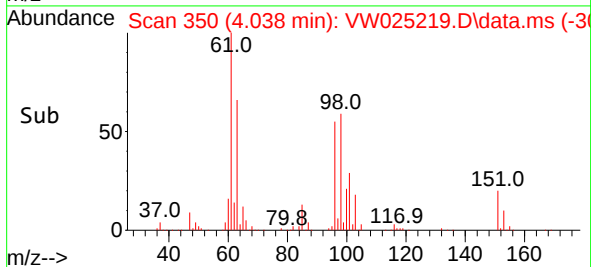
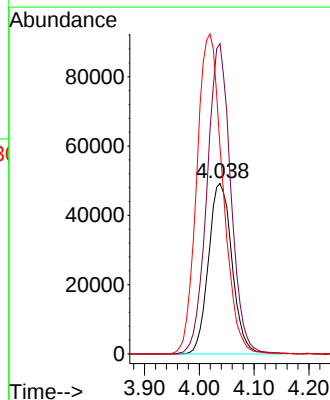
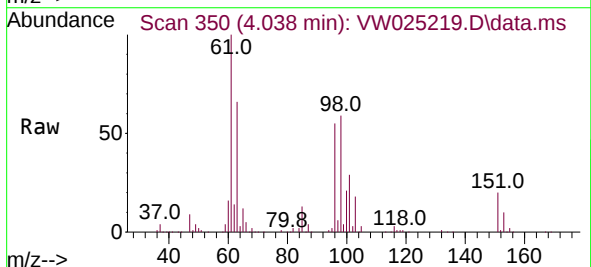
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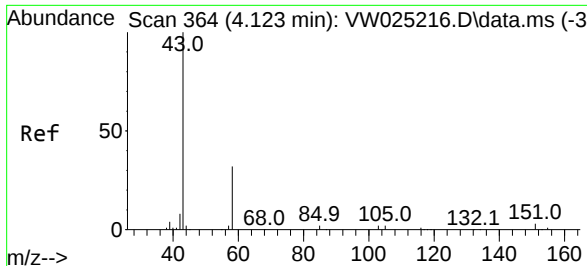
Tgt Ion:101 Resp: 149148
 Ion Ratio Lower Upper
 101 100
 85 43.1 33.8 50.8
 151 67.6 54.6 82.0



#12
 1,1-Dichloroethene
 Concen: 23.075 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW025219.D
 Acq: 03 Jan 2023 15:09

Tgt Ion: 96 Resp: 147196
 Ion Ratio Lower Upper
 96 100
 61 181.8 119.3 221.5
 63 120.9 91.3 169.6

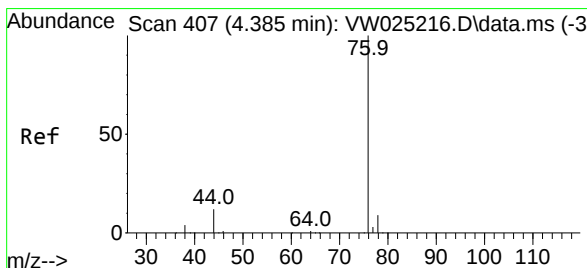
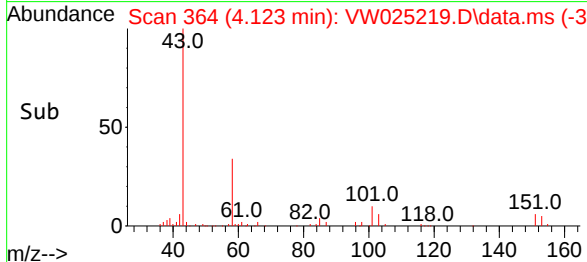
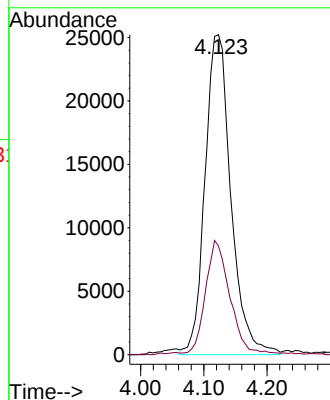
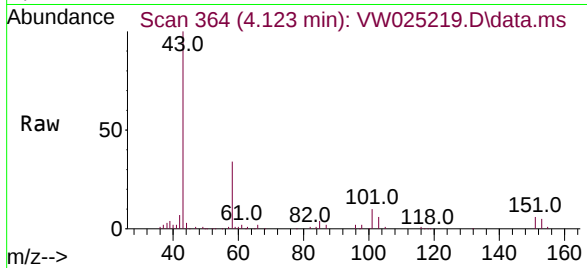




#13
Acetone
Concen: 40.603 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

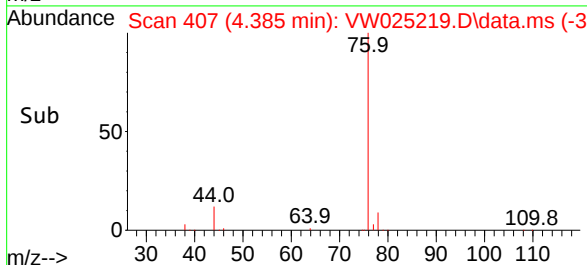
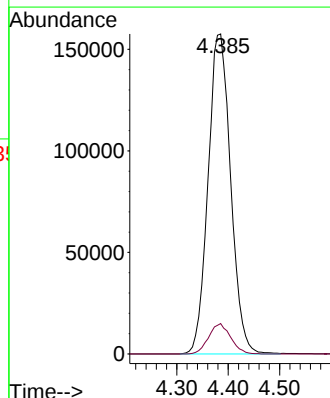
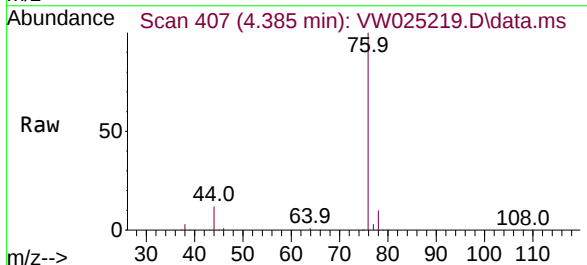
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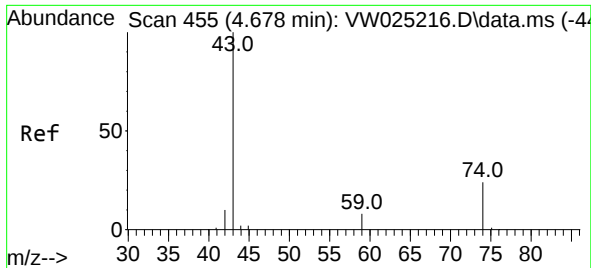
Tgt Ion: 43 Resp: 71890
Ion Ratio Lower Upper
43 100
58 31.6 0.0 66.8



#14
Carbon disulfide
Concen: 22.773 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion: 76 Resp: 481354
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

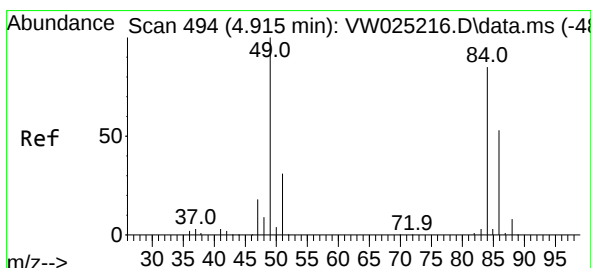
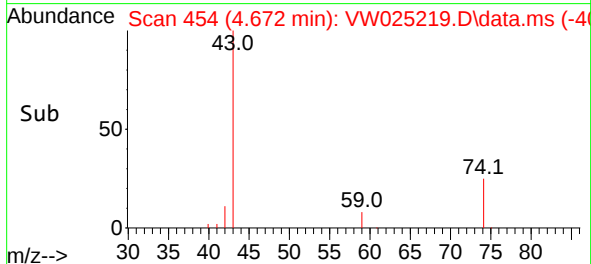
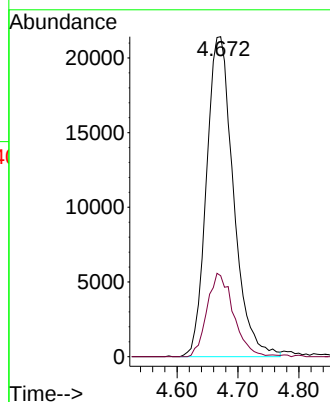
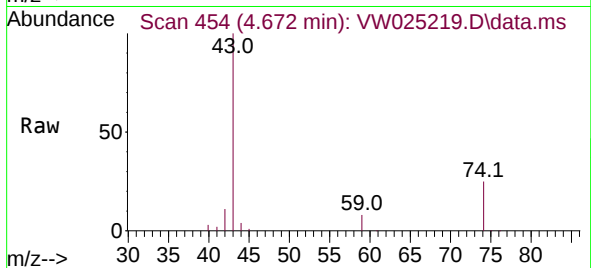




#15
Methyl Acetate
Concen: 25.723 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

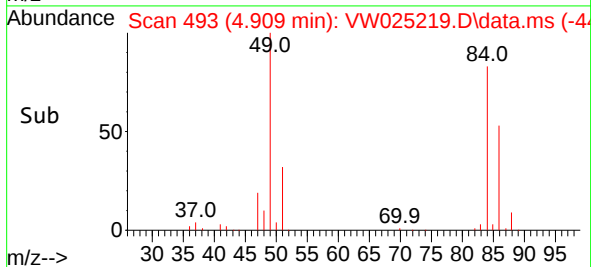
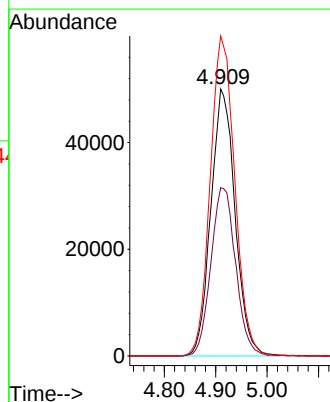
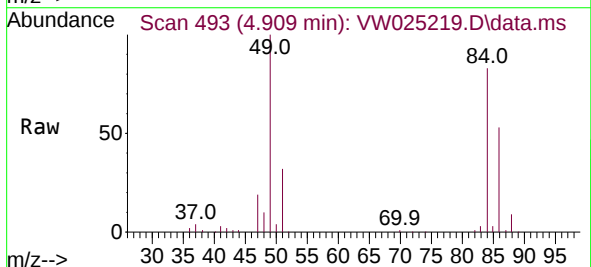
Instrument :
MSVOA_W
ClientSampleId :
VICV404

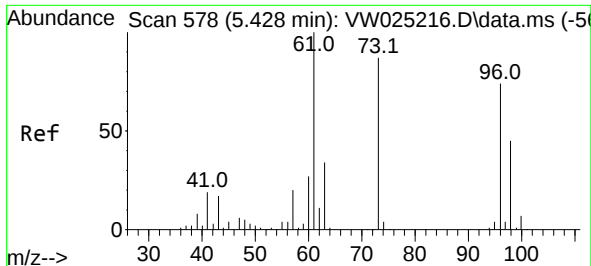
Tgt Ion: 43 Resp: 65806
Ion Ratio Lower Upper
43 100
74 25.4 20.4 30.6



#16
Methylene chloride
Concen: 20.555 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion: 84 Resp: 163582
Ion Ratio Lower Upper
84 100
86 63.0 43.4 80.6
49 119.9 82.0 152.2





#17

trans-1,2-Dichloroethene

Concen: 23.355 ug/L

RT: 5.422 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Instrument :

MSVOA_W

ClientSampleId :

VICV404

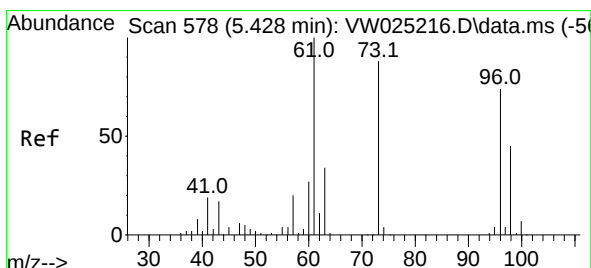
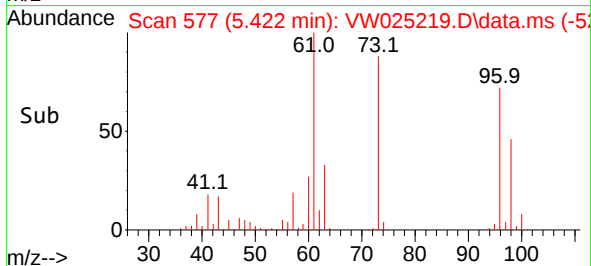
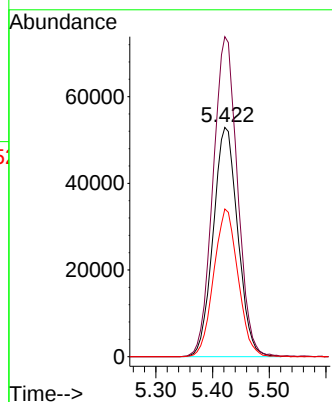
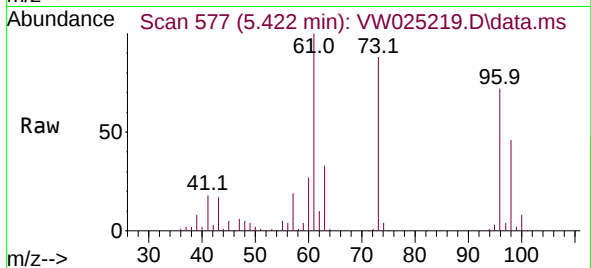
Tgt Ion: 96 Resp: 159581

Ion Ratio Lower Upper

96 100

61 139.5 94.2 175.0

98 64.4 42.8 79.6



#18

Methyl tert-butyl Ether

Concen: 24.348 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

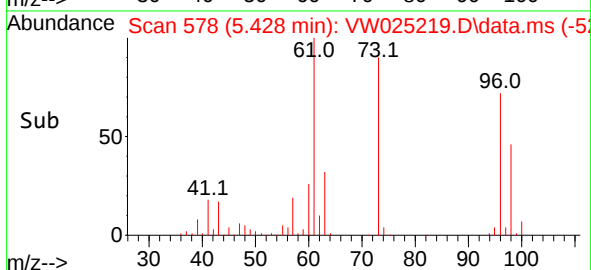
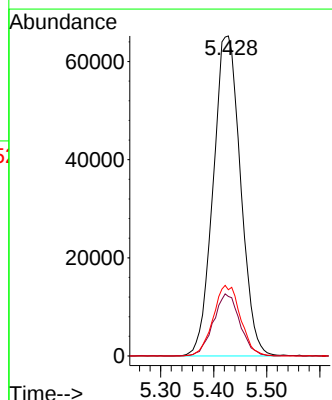
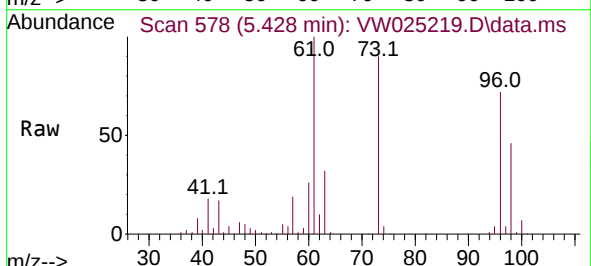
Tgt Ion: 73 Resp: 233183

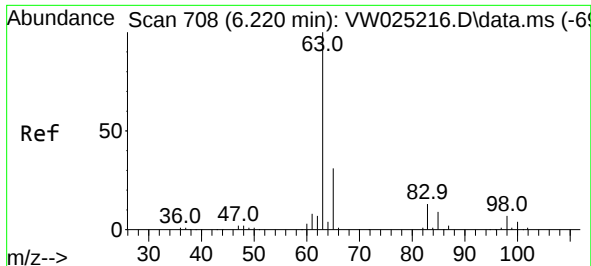
Ion Ratio Lower Upper

73 100

43 18.6 15.2 22.8

57 22.0 17.8 26.6





#19

1,1-Dichloroethane

Concen: 23.596 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Instrument :

MSVOA_W

ClientSampleId :

VICV404

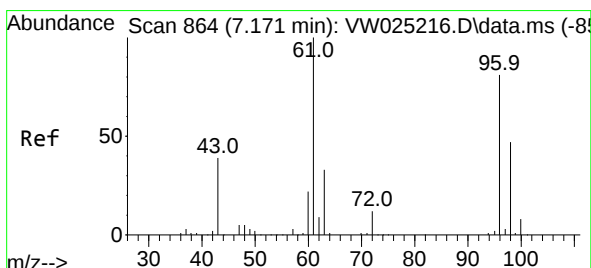
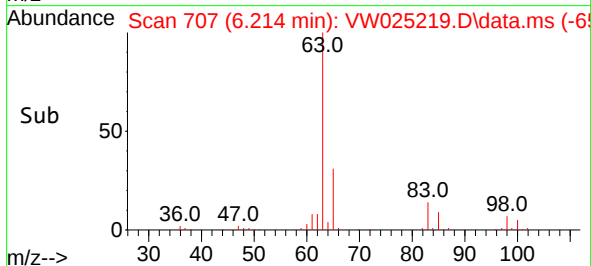
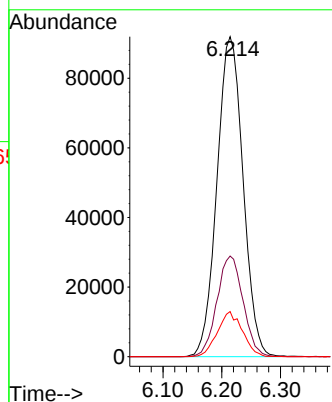
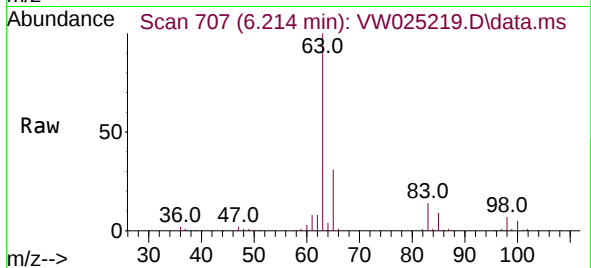
Tgt Ion: 63 Resp: 283616

Ion Ratio Lower Upper

63 100

65 31.5 21.7 40.3

83 14.1 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 23.892 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

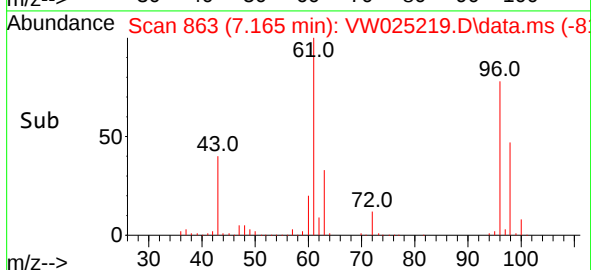
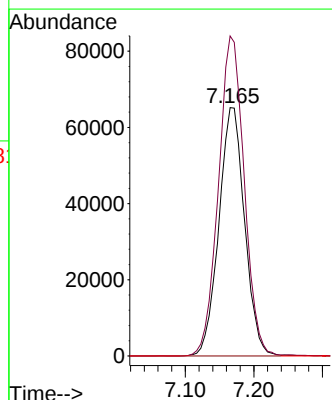
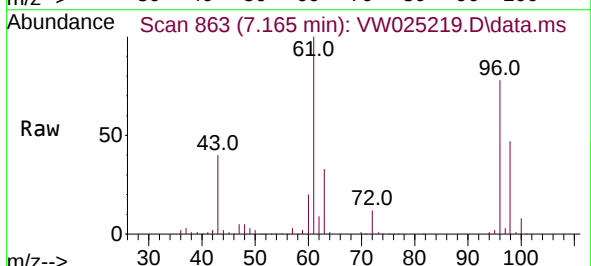
Tgt Ion: 96 Resp: 169671

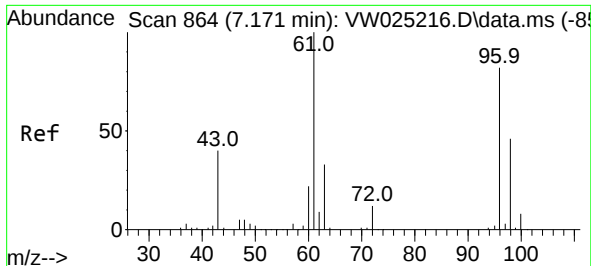
Ion Ratio Lower Upper

96 100

61 128.9 86.0 159.8

68 0.0 0.0 0.0

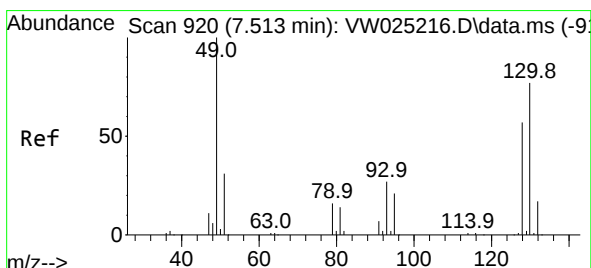
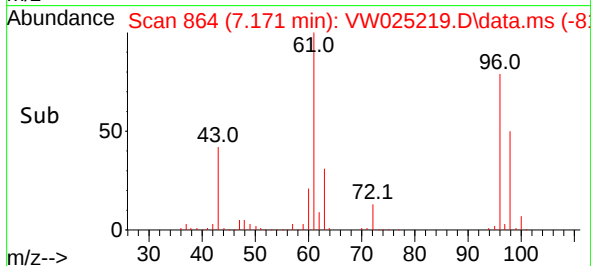
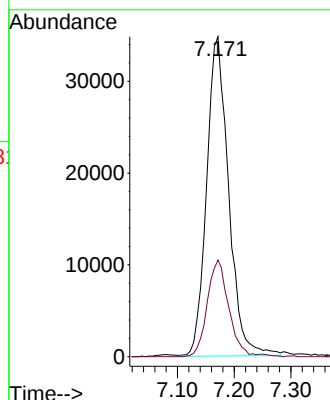
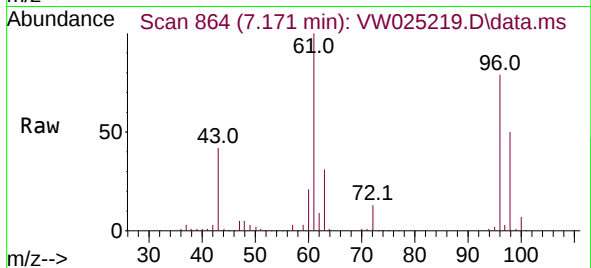




#22
2-Butanone
Concen: 47.775 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

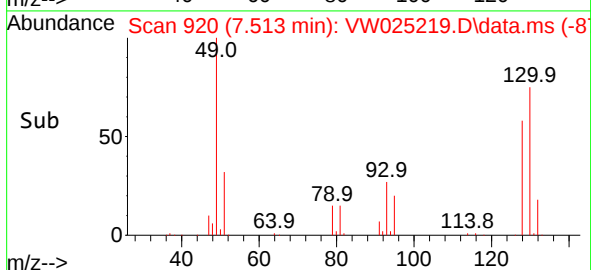
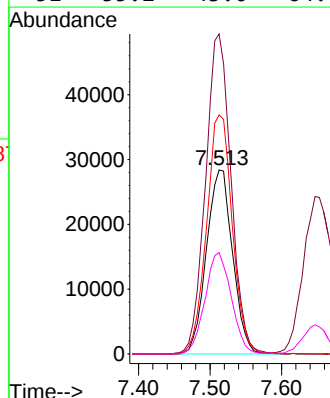
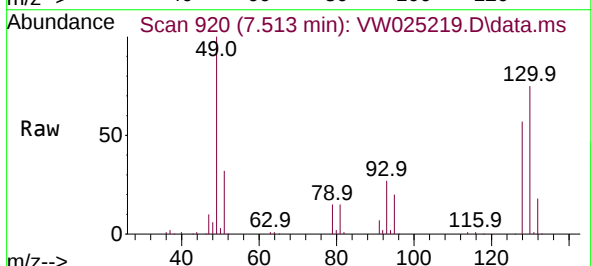
Instrument :
MSVOA_W
ClientSampleId :
VICV404

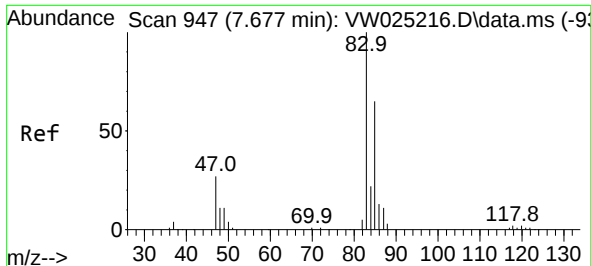
Tgt Ion: 43 Resp: 93992
Ion Ratio Lower Upper
43 100
72 29.0 14.7 44.1



#23
Bromochloromethane
Concen: 24.321 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion: 128 Resp: 72095
Ion Ratio Lower Upper
128 100
49 173.9 122.1 226.7
130 129.9 94.0 174.6
51 55.2 43.0 64.6

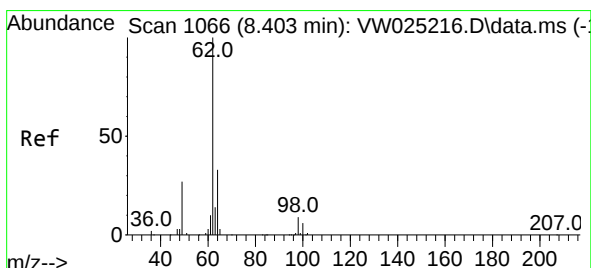
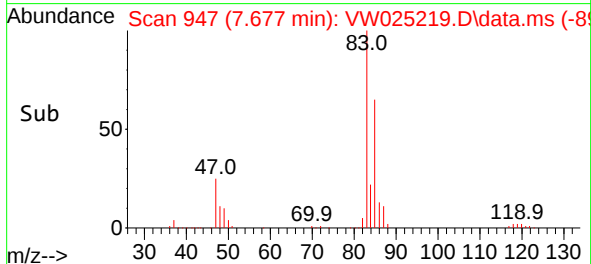
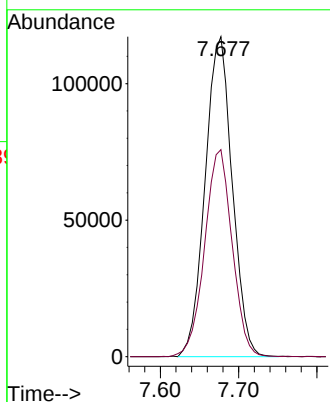
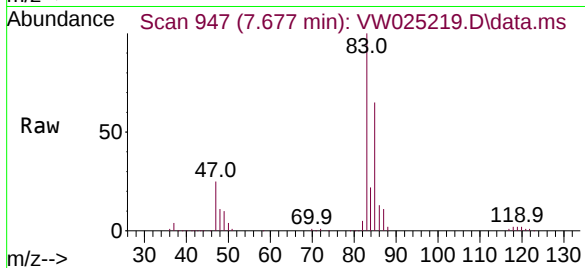




#25
Chloroform
Concen: 23.866 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

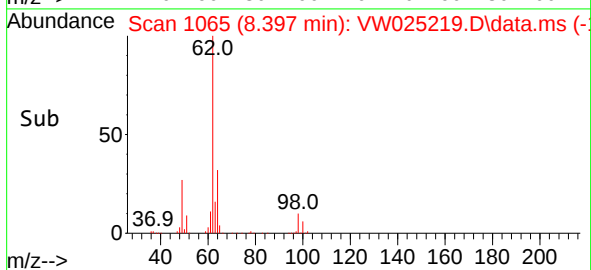
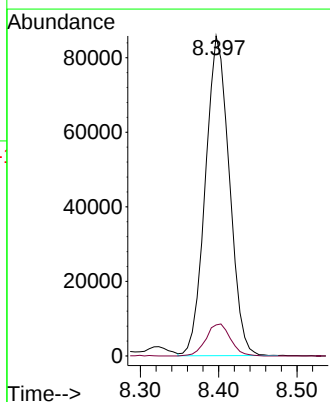
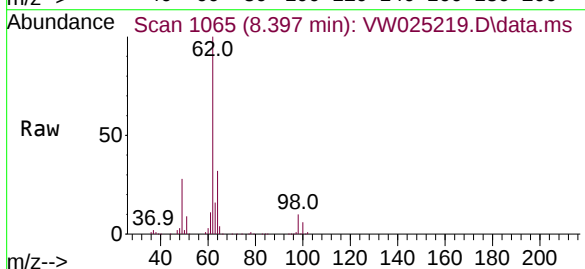
Instrument :
MSVOA_W
ClientSampleId :
VICV404

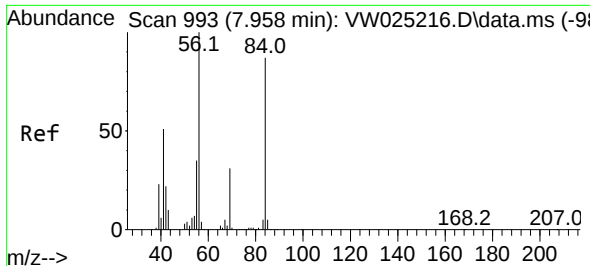
Tgt Ion: 83 Resp: 282046
Ion Ratio Lower Upper
83 100
85 64.7 45.8 85.2



#27
1,2-Dichloroethane
Concen: 24.873 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion: 62 Resp: 181924
Ion Ratio Lower Upper
62 100
98 9.7 7.5 11.3

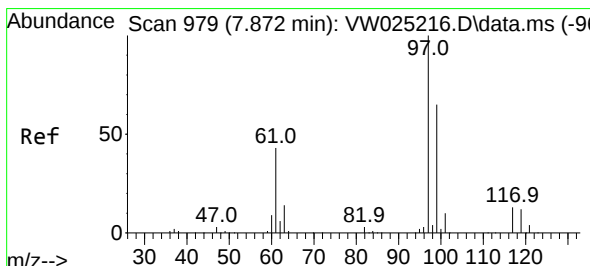
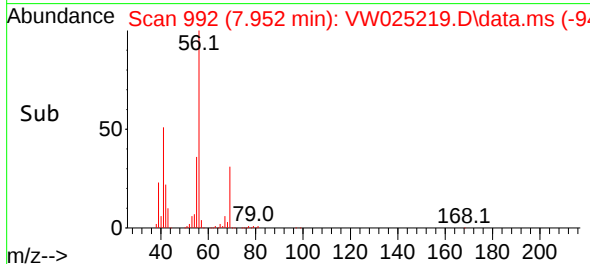
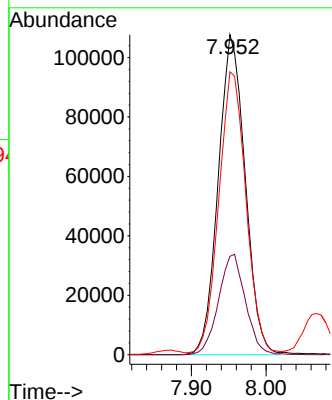
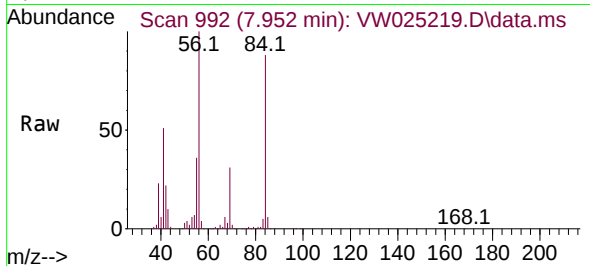




#29
Cyclohexane
Concen: 26.051 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

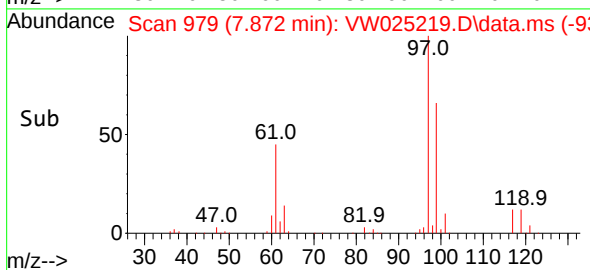
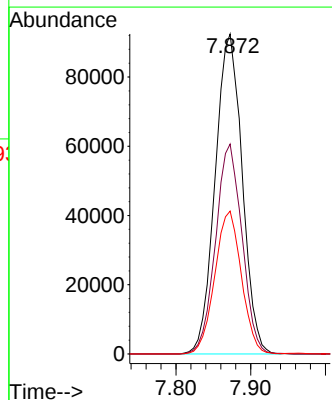
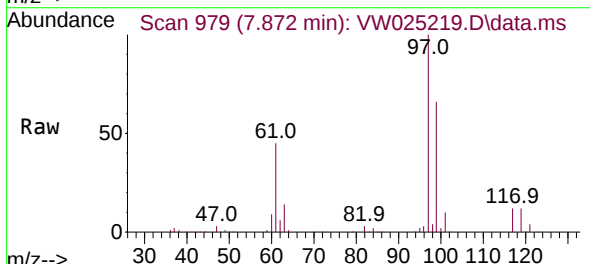
Instrument :
MSVOA_W
ClientSampleId :
VICV404

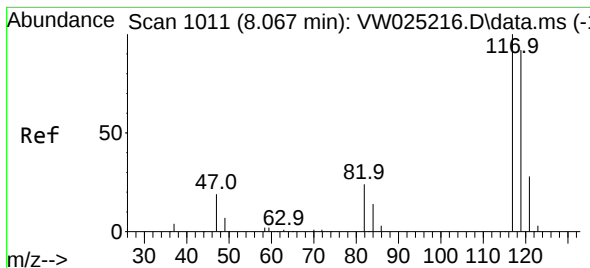
Tgt Ion: 56 Resp: 269640
Ion Ratio Lower Upper
56 100
69 31.3 25.1 37.7
84 89.9 71.0 106.4



#30
1,1,1-Trichloroethane
Concen: 26.631 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion: 97 Resp: 232253
Ion Ratio Lower Upper
97 100
99 64.2 51.9 77.9
61 44.0 35.6 53.4

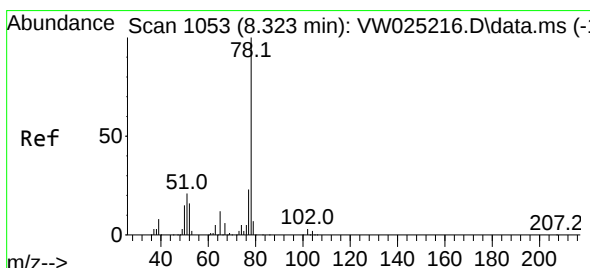
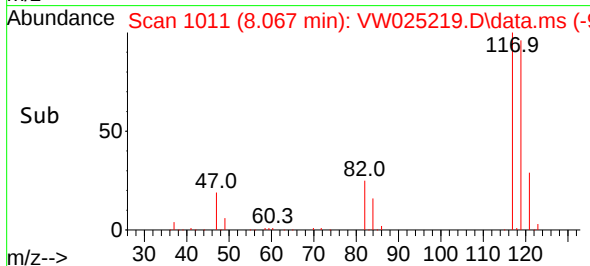
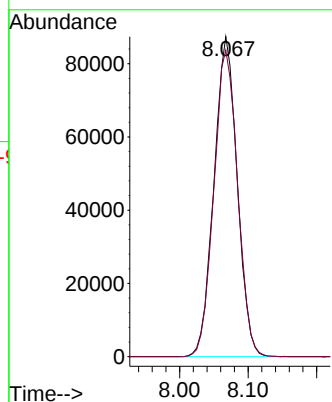
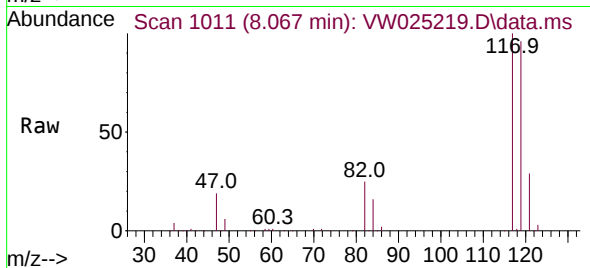




#31
Carbon tetrachloride
Concen: 25.898 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

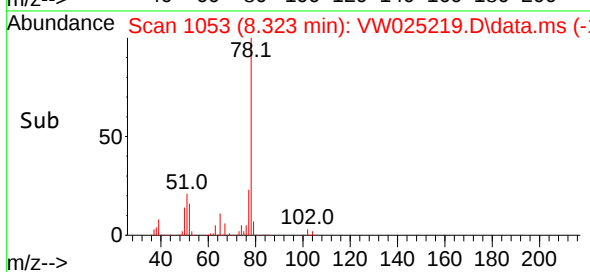
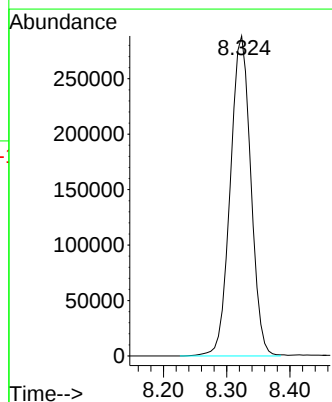
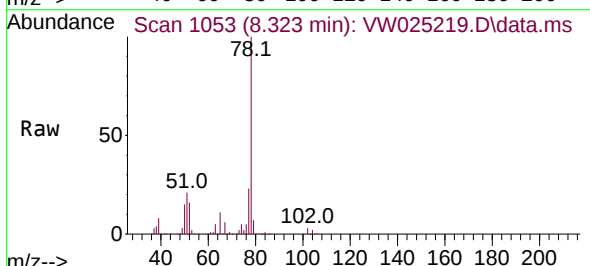
Instrument :
MSVOA_W
ClientSampleId :
VICV404

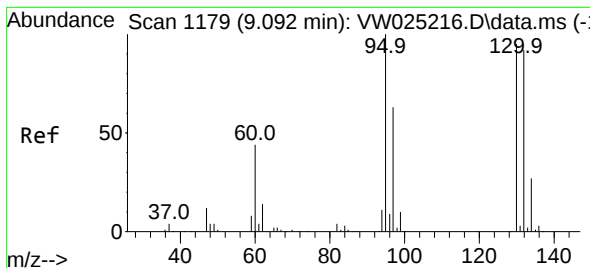
Tgt Ion:117 Resp: 205695
Ion Ratio Lower Upper
117 100
119 97.8 76.3 114.5



#33
Benzene
Concen: 27.452 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion: 78 Resp: 651654





#34

Trichloroethene

Concen: 26.727 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Instrument :

MSVOA_W

ClientSampleId :

VICV404

Tgt Ion: 95 Resp: 165458

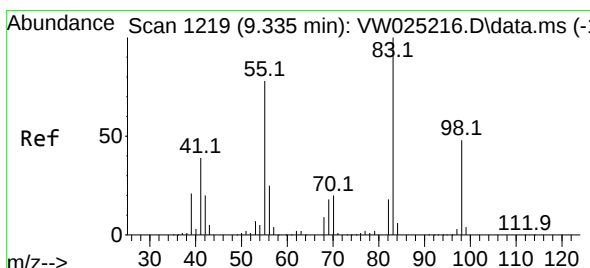
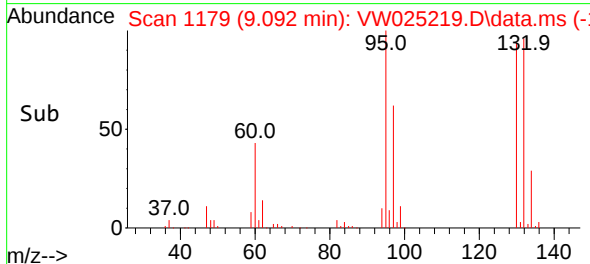
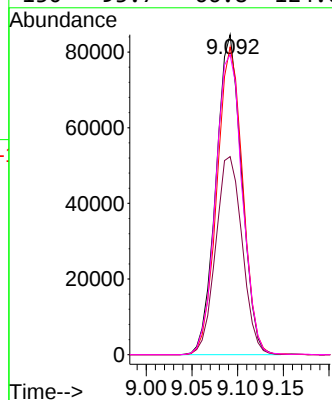
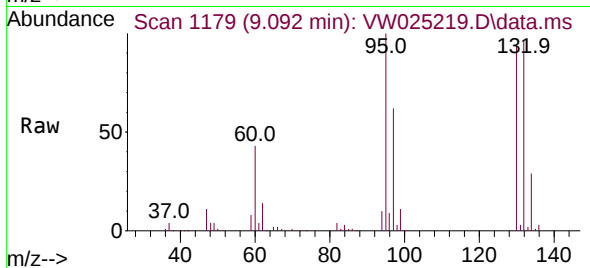
Ion Ratio Lower Upper

95 100

97 61.9 44.4 82.4

132 96.2 64.5 119.7

130 93.7 66.8 124.0



#35

Methylcyclohexane

Concen: 26.402 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

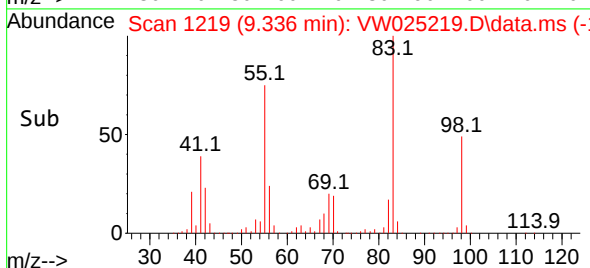
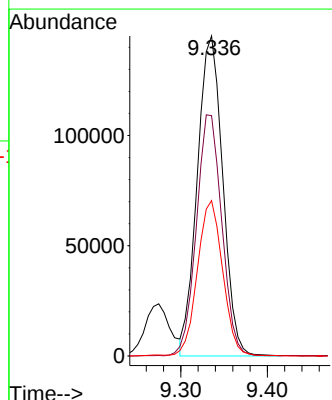
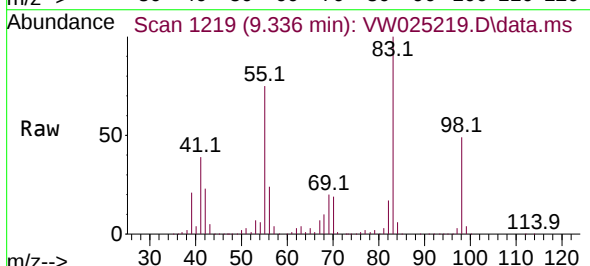
Tgt Ion: 83 Resp: 296599

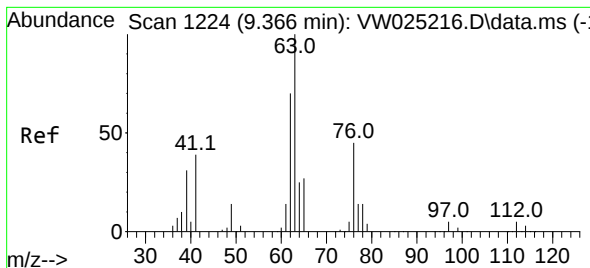
Ion Ratio Lower Upper

83 100

55 75.3 61.0 91.4

98 48.1 38.6 58.0





#37

1,2-Dichloropropane

Concen: 27.514 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Instrument :

MSVOA_W

ClientSampleId :

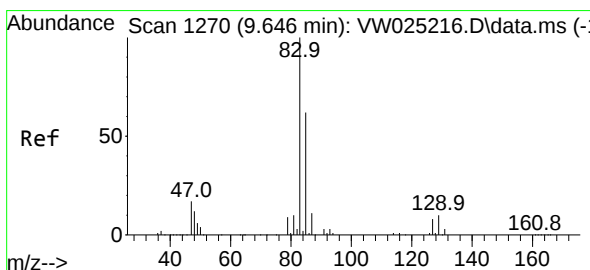
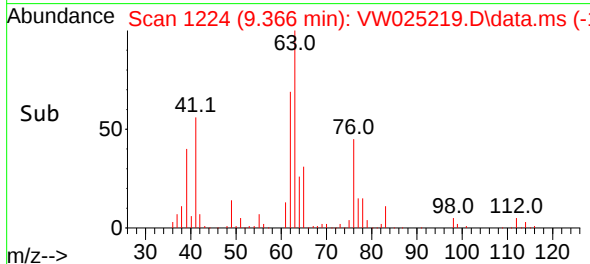
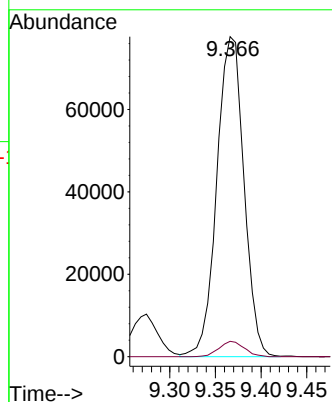
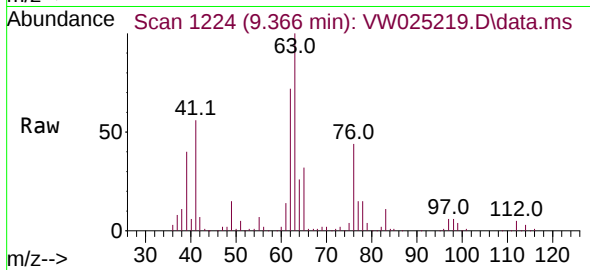
VICV404

Tgt Ion: 63 Resp: 160605

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 27.890 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

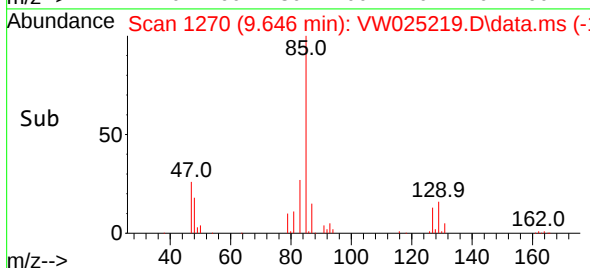
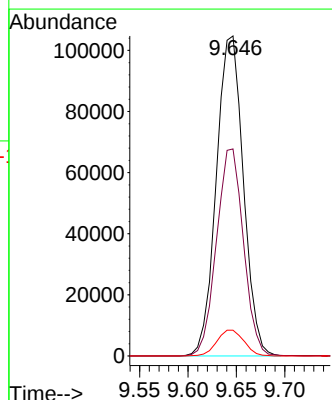
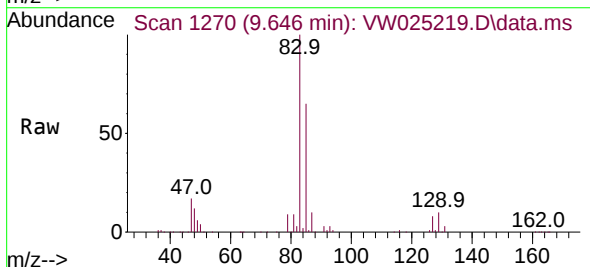
Tgt Ion: 83 Resp: 203510

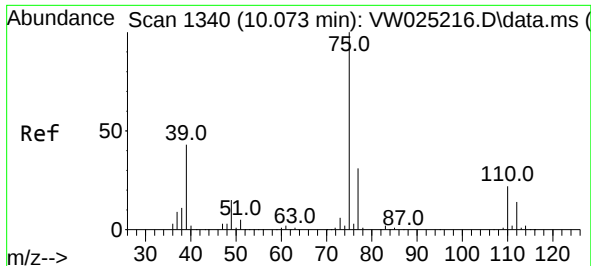
Ion Ratio Lower Upper

83 100

85 64.7 43.4 80.6

127 8.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 28.364 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Instrument :

MSVOA_W

ClientSampleId :

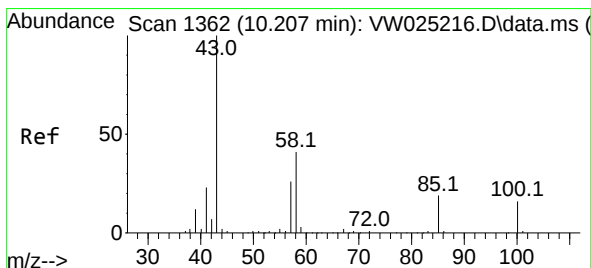
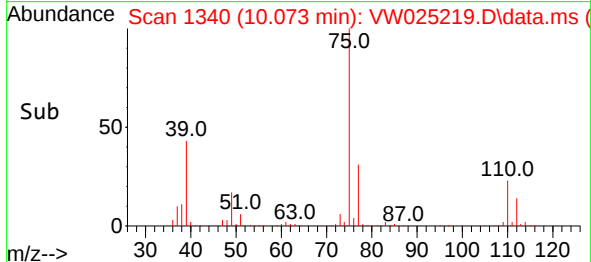
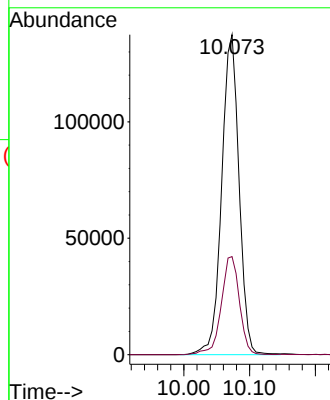
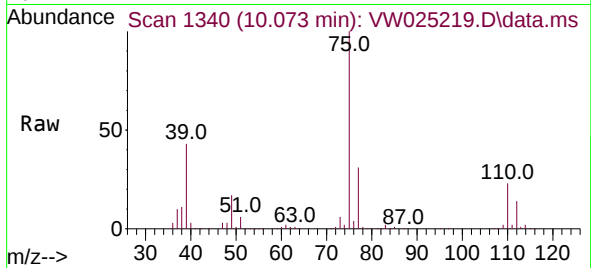
VICV404

Tgt Ion: 75 Resp: 252563

Ion Ratio Lower Upper

75 100

77 30.6 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 59.347 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

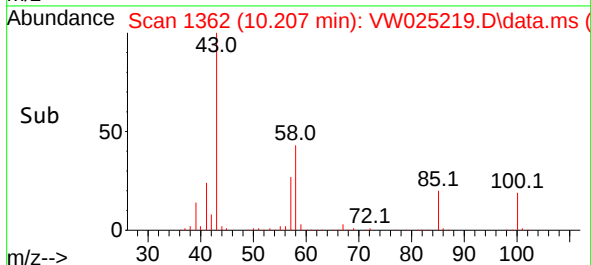
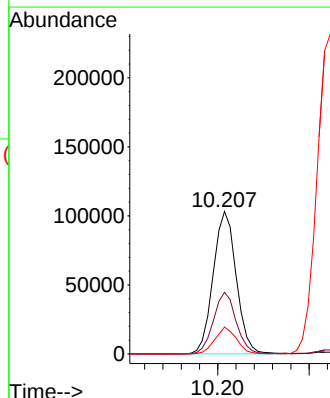
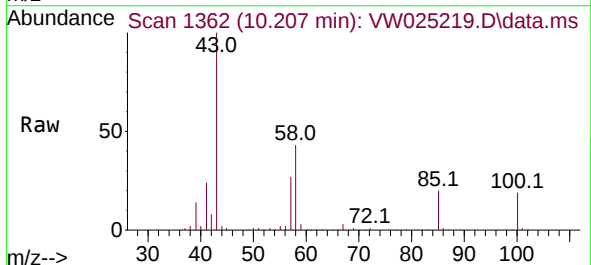
Tgt Ion: 43 Resp: 180792

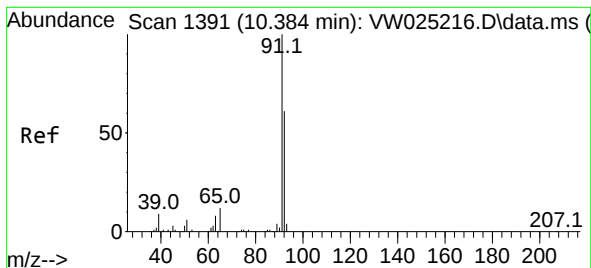
Ion Ratio Lower Upper

43 100

58 42.8 33.0 49.6

100 17.7 13.4 20.2





#42

Toluene

Concen: 27.396 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Instrument :

MSVOA_W

ClientSampleId :

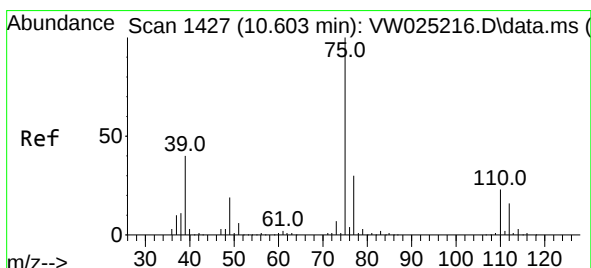
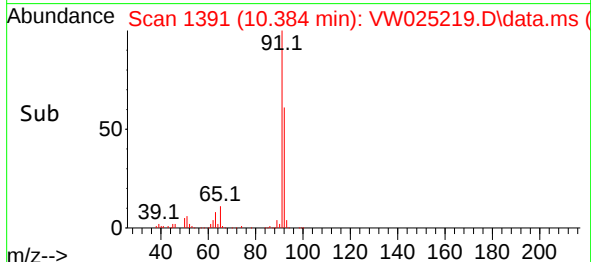
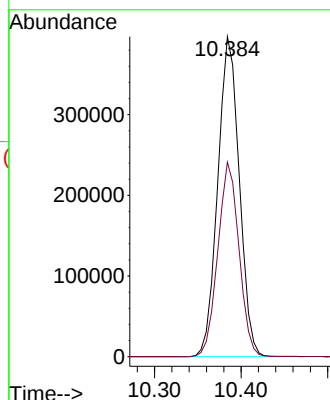
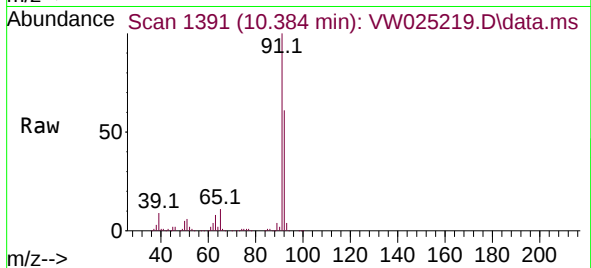
VICV404

Tgt Ion: 91 Resp: 684039

Ion Ratio Lower Upper

91 100

92 60.8 42.6 79.2



#44

trans-1,3-Dichloropropene

Concen: 28.021 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025219.D

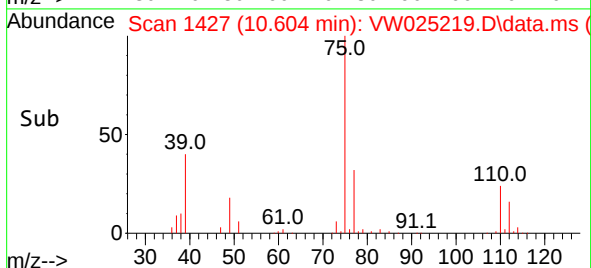
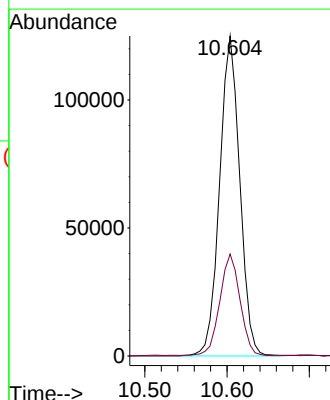
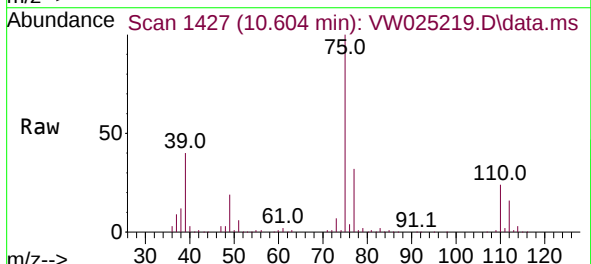
Acq: 03 Jan 2023 15:09

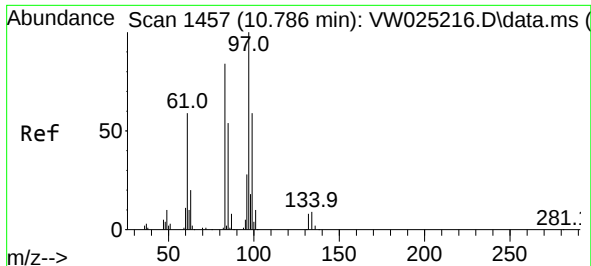
Tgt Ion: 75 Resp: 213449

Ion Ratio Lower Upper

75 100

77 31.8 21.3 39.6



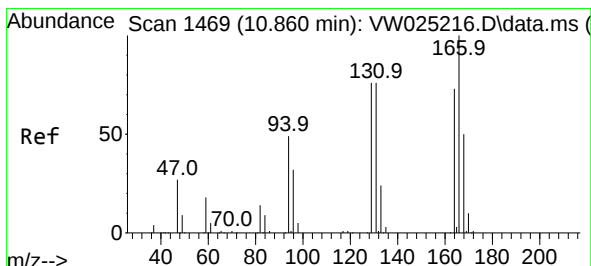
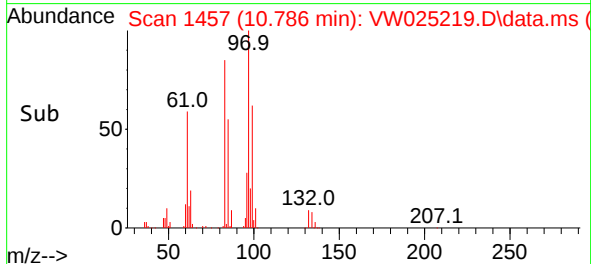
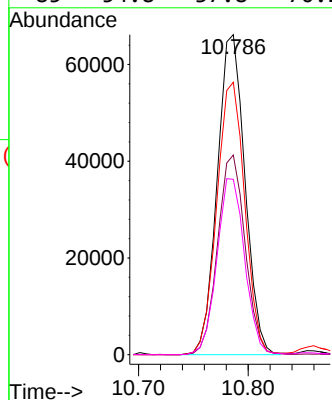
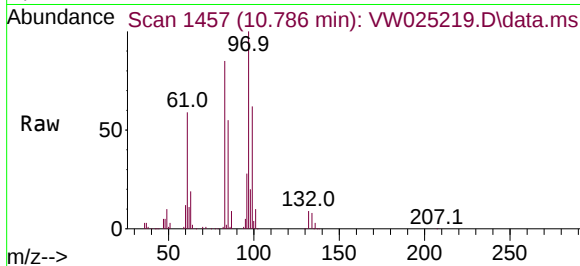


#45
1,1,2-Trichloroethane
Concen: 28.698 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Instrument :
MSVOA_W
ClientSampleId :
VICV404

Tgt Ion: 97 Resp: 116199

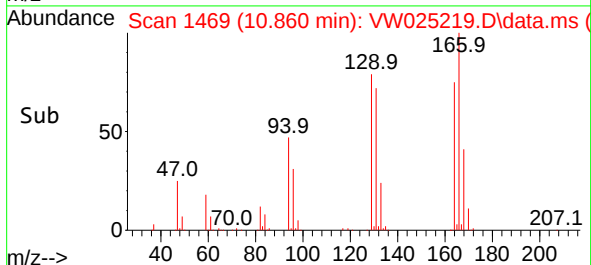
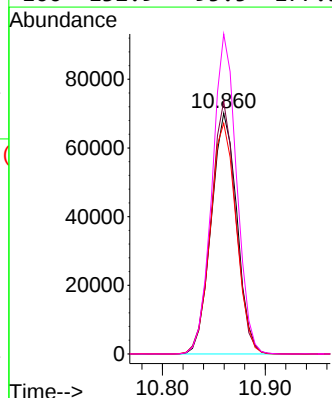
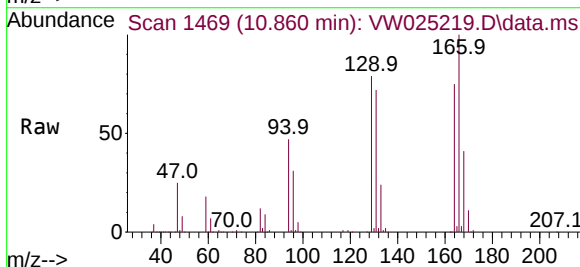
Ion	Ratio	Lower	Upper
97	100		
99	62.4	41.1	76.3
83	85.2	58.6	108.8
85	54.8	37.8	70.2

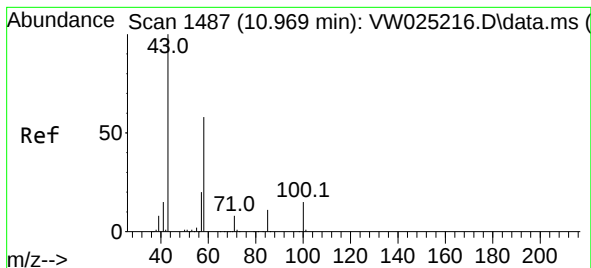


#46
Tetrachloroethene
Concen: 26.639 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion: 164 Resp: 121163

Ion	Ratio	Lower	Upper
164	100		
129	104.9	72.8	135.2
131	95.8	72.2	134.2
166	132.9	95.5	177.3





#48

2-Hexanone

Concen: 56.647 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Instrument :

MSVOA_W

ClientSampleId :

VICV404

Tgt Ion: 43 Resp: 132344

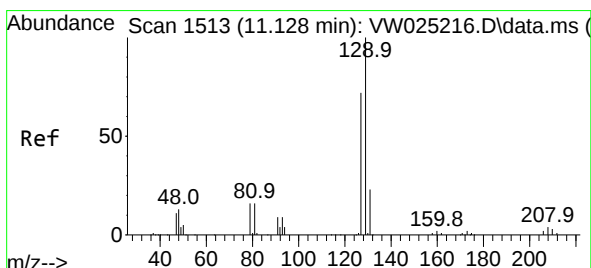
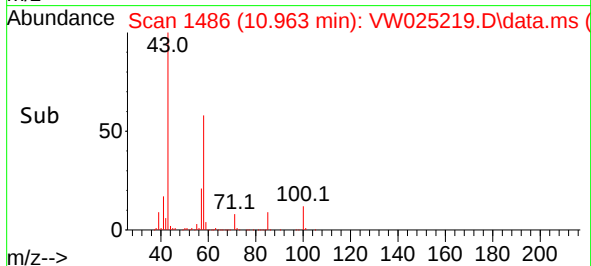
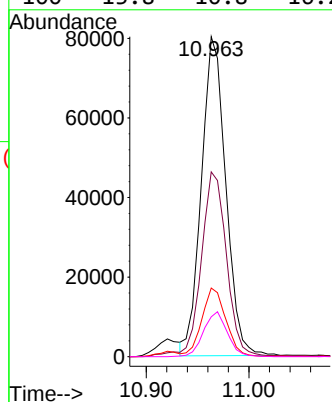
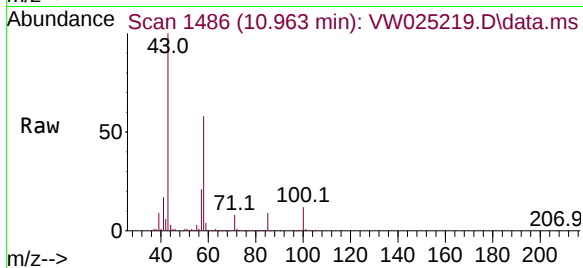
Ion Ratio Lower Upper

43 100

58 58.8 45.8 68.6

57 21.4 16.2 24.4

100 13.8 10.8 16.2



#49

Dibromochloromethane

Concen: 29.284 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW025219.D

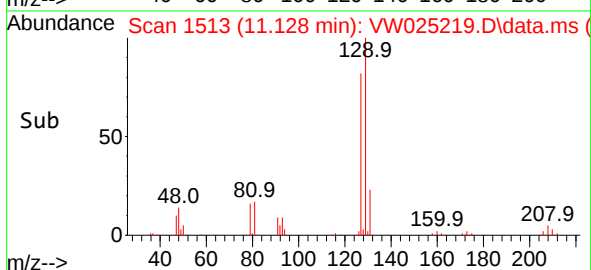
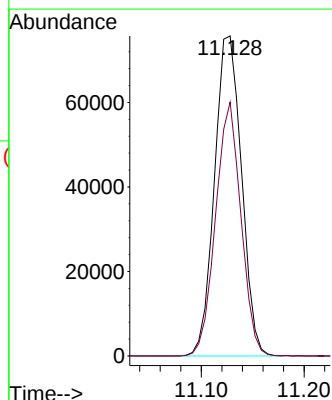
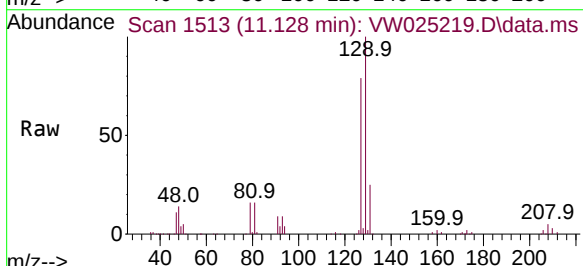
Acq: 03 Jan 2023 15:09

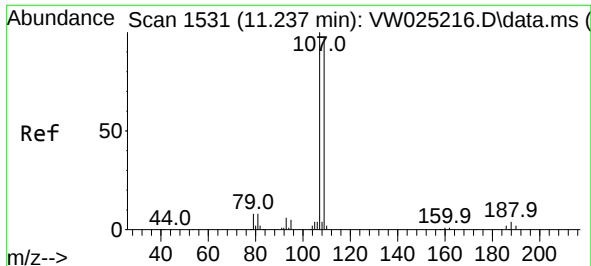
Tgt Ion:129 Resp: 138378

Ion Ratio Lower Upper

129 100

127 79.4 50.4 93.6





#50

1,2-Dibromoethane

Concen: 29.147 ug/L

RT: 11.232 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Instrument :

MSVOA_W

ClientSampleId :

VICV404

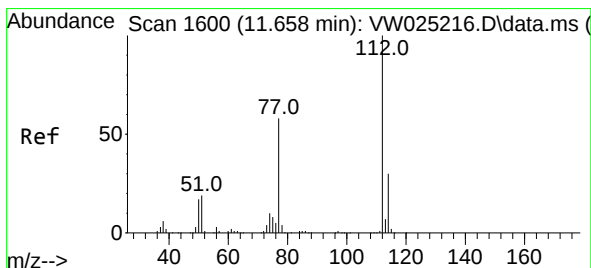
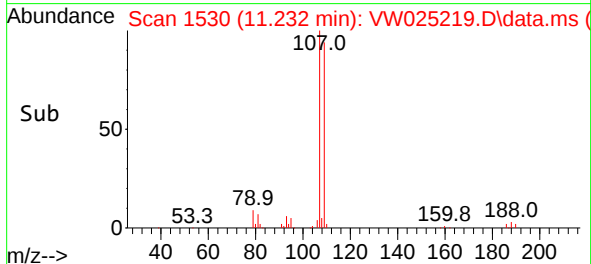
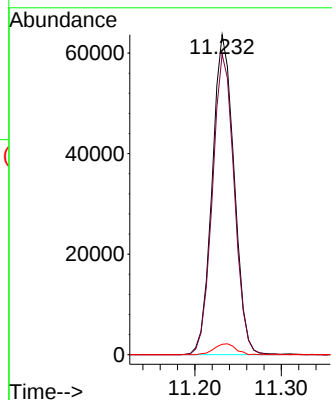
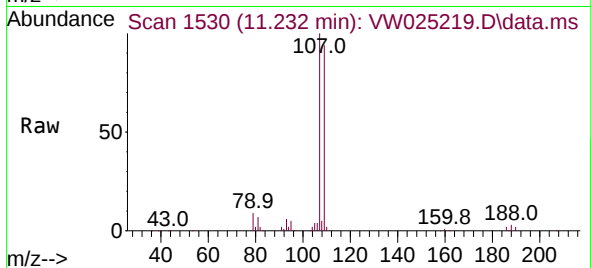
Tgt Ion:107 Resp: 111644

Ion Ratio Lower Upper

107 100

109 93.9 68.2 126.6

188 3.2 3.1 4.7



#51

Chlorobenzene

Concen: 24.327 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

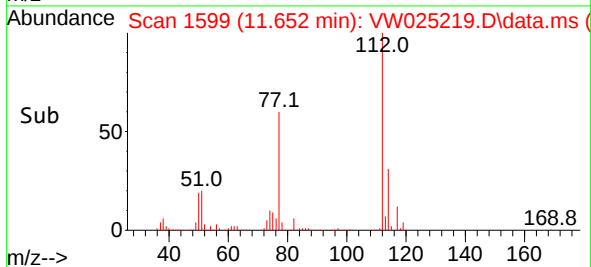
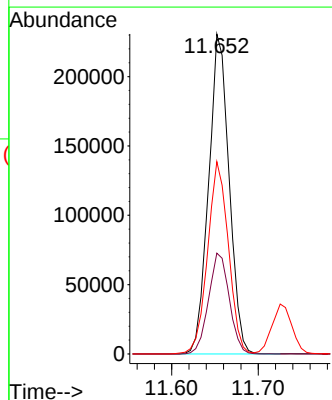
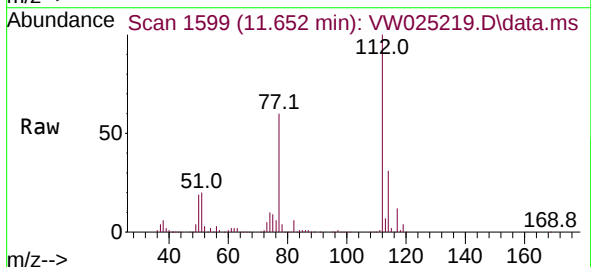
Tgt Ion:112 Resp: 379365

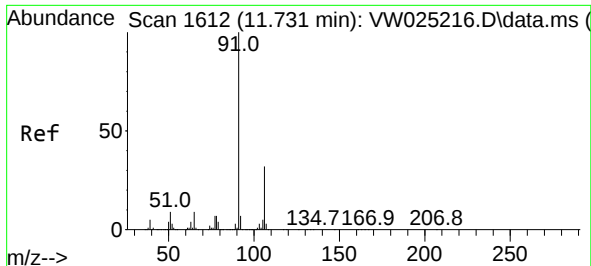
Ion Ratio Lower Upper

112 100

114 31.5 21.1 39.1

77 60.1 46.6 69.8

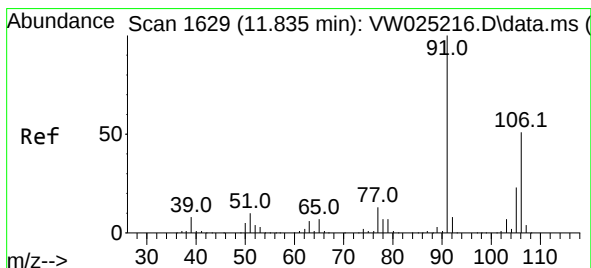
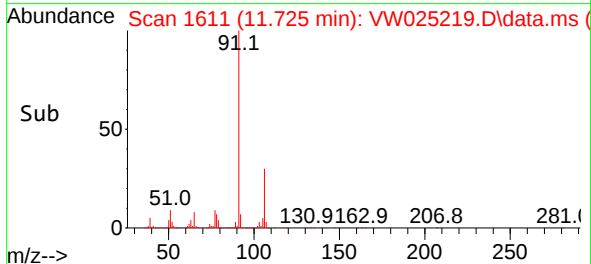
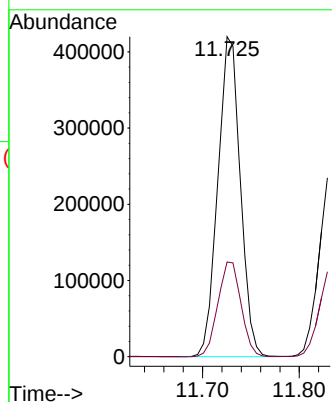
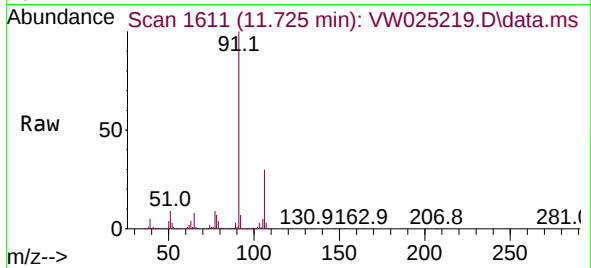




#52
Ethylbenzene
Concen: 24.336 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

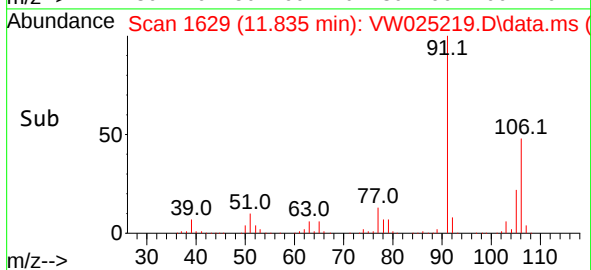
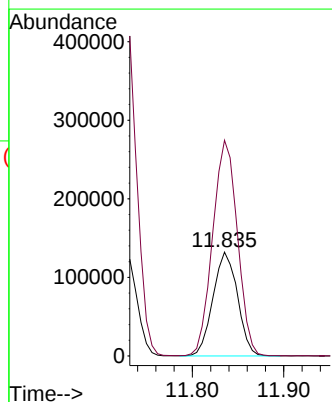
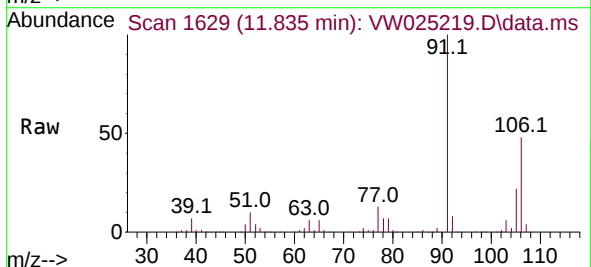
Instrument :
MSVOA_W
ClientSampleId :
VICV404

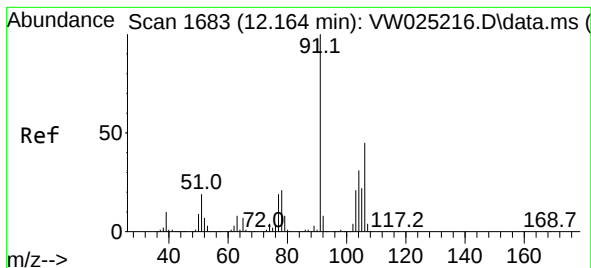
Tgt Ion: 91 Resp: 677148
Ion Ratio Lower Upper
91 100
106 29.6 22.1 41.1



#53
m,p-Xylene
Concen: 22.933 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion:106 Resp: 246604
Ion Ratio Lower Upper
106 100
91 207.7 138.5 257.3





#54

o-Xylene

Concen: 25.240 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Instrument :

MSVOA_W

ClientSampleId :

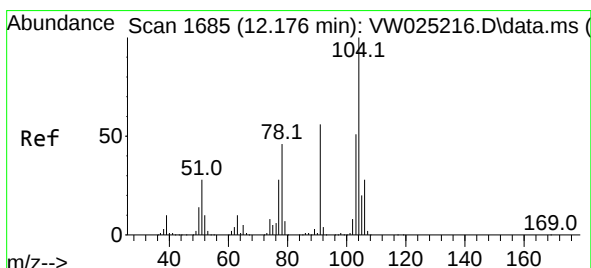
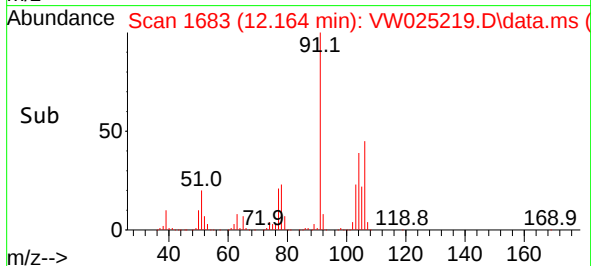
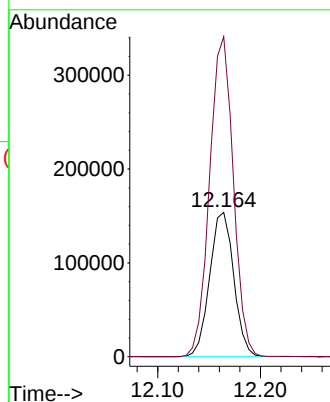
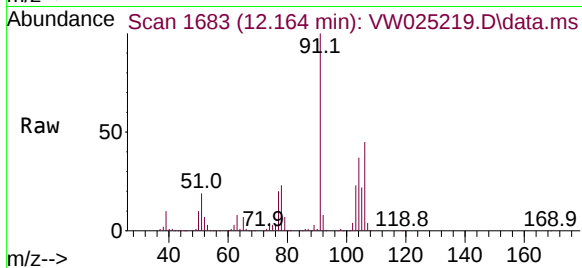
VICV404

Tgt Ion:106 Resp: 249791

Ion Ratio Lower Upper

106 100

91 221.6 155.3 288.5



#55

Styrene

Concen: 25.119 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025219.D

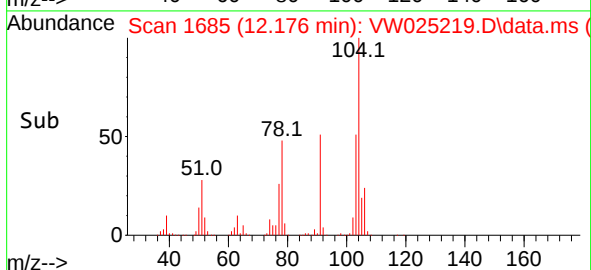
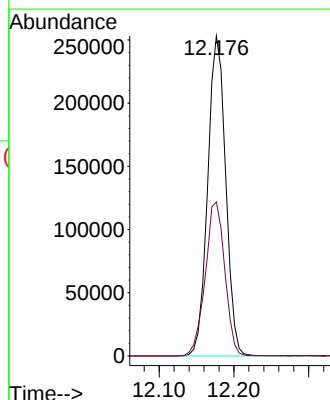
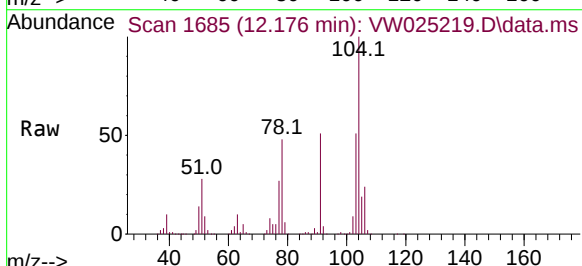
Acq: 03 Jan 2023 15:09

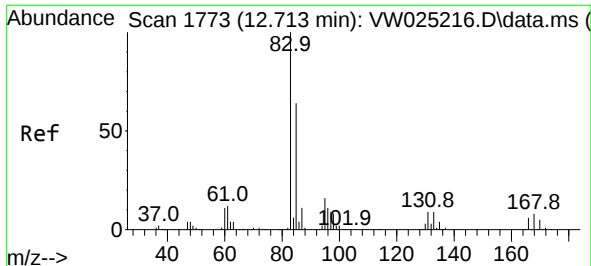
Tgt Ion:104 Resp: 422475

Ion Ratio Lower Upper

104 100

78 48.2 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 24.853 ug/L

RT: 12.707 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Instrument :

MSVOA_W

ClientSampleId :

VICV404

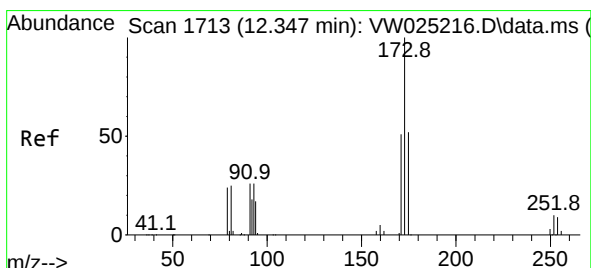
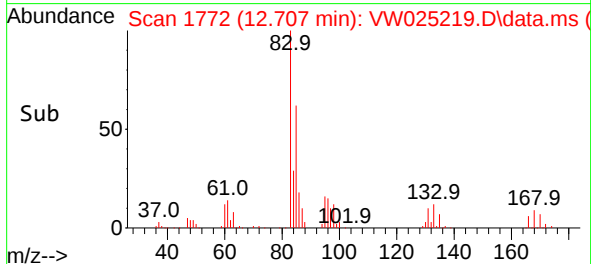
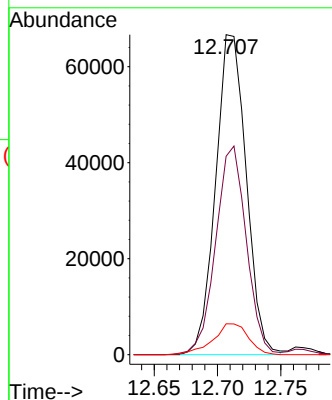
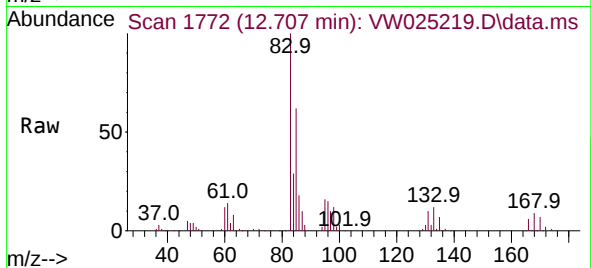
Tgt Ion: 83 Resp: 112212

Ion Ratio Lower Upper

83 100

85 62.0 44.8 83.2

131 9.7 7.4 11.0



#59

Bromoform

Concen: 19.839 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

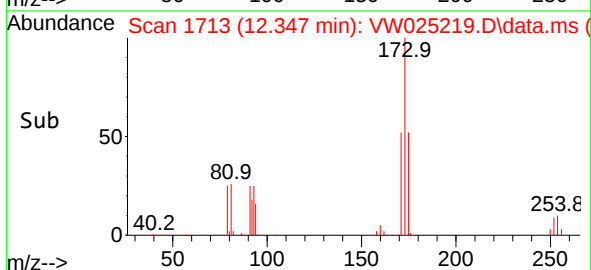
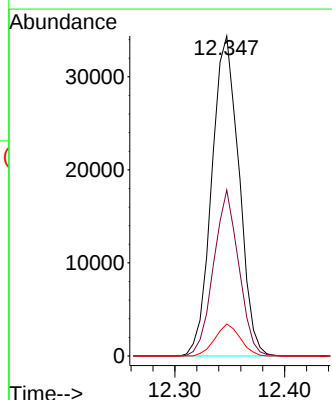
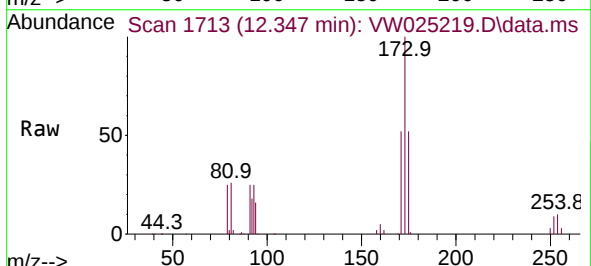
Tgt Ion:173 Resp: 59249

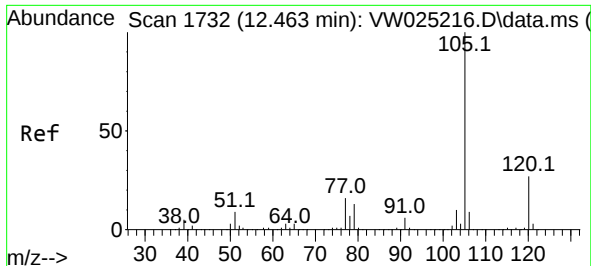
Ion Ratio Lower Upper

173 100

175 48.1 40.7 61.1

254 9.3 6.7 10.1

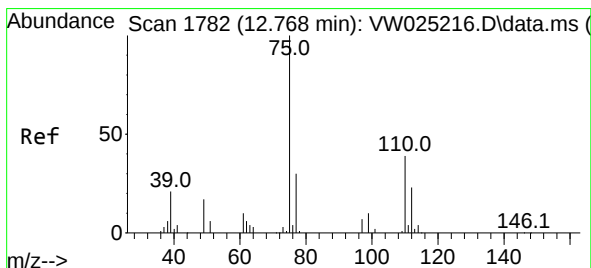
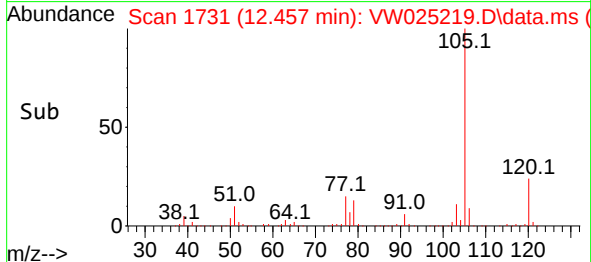
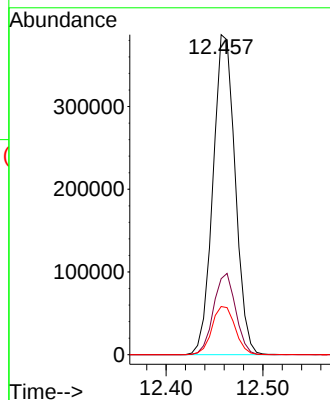
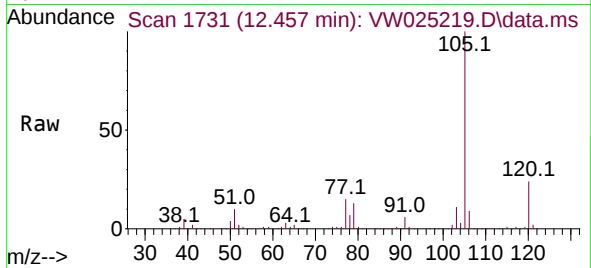




#60
Isopropylbenzene
Concen: 18.066 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

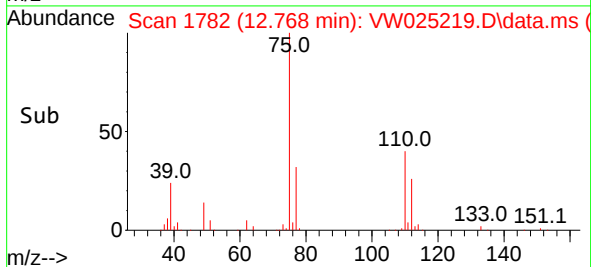
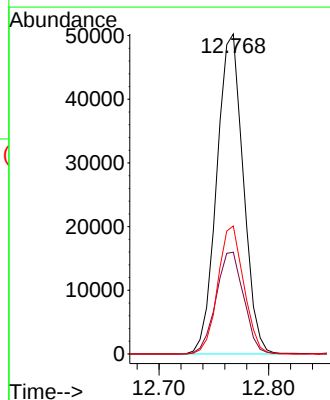
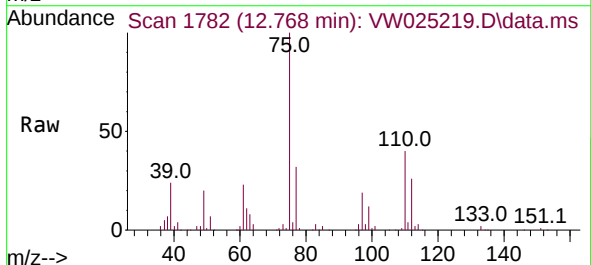
Instrument :
MSVOA_W
ClientSampleId :
VICV404

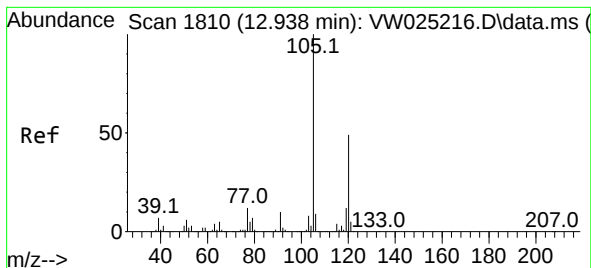
Tgt Ion:105 Resp: 616360
Ion Ratio Lower Upper
105 100
120 25.3 20.7 31.1
77 15.7 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 20.008 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion: 75 Resp: 84513
Ion Ratio Lower Upper
75 100
77 33.2 25.7 38.5
110 39.1 31.2 46.8

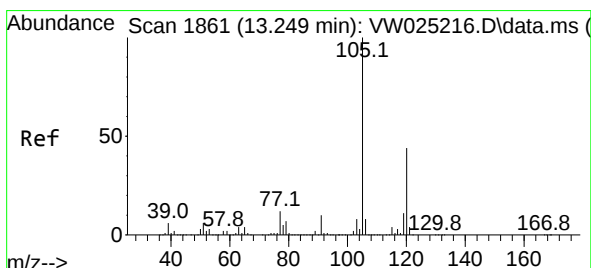
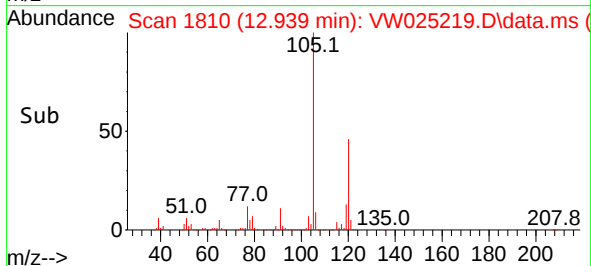
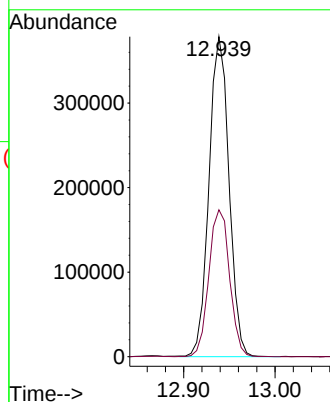
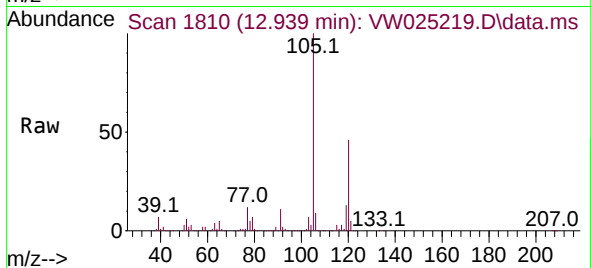




#62
1,3,5-Trimethylbenzene
Concen: 19.945 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

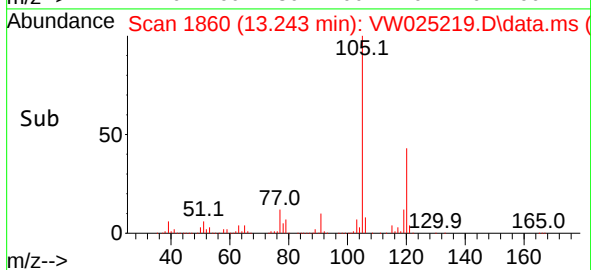
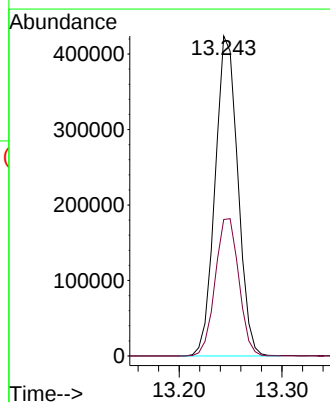
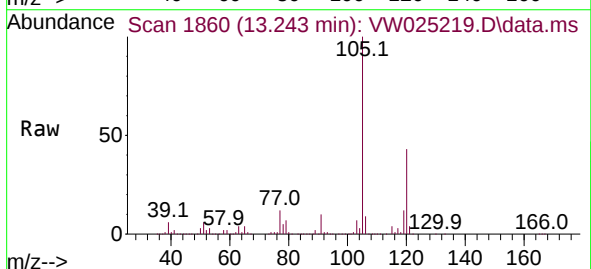
Instrument :
MSVOA_W
ClientSampleId :
VICV404

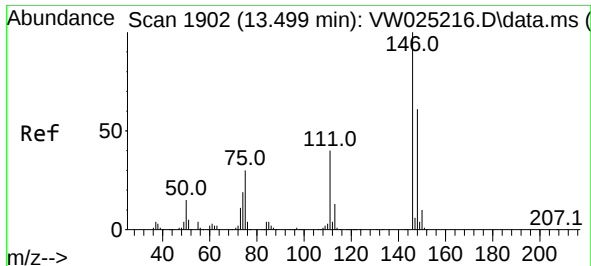
Tgt Ion:105 Resp: 576915
Ion Ratio Lower Upper
105 100
120 47.6 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 22.781 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion:105 Resp: 650030
Ion Ratio Lower Upper
105 100
120 44.6 35.1 52.7

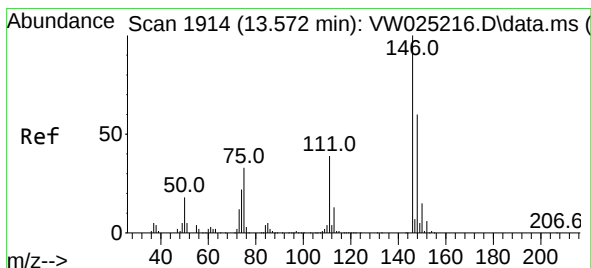
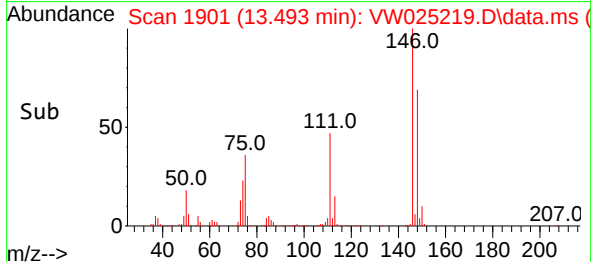
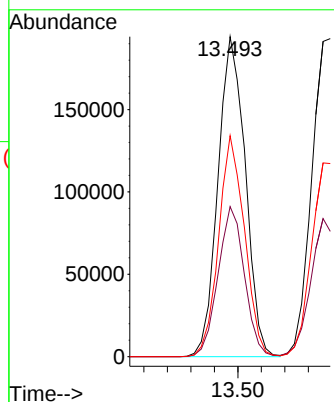
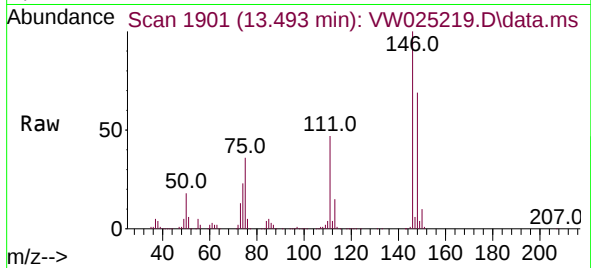




#64
1,3-Dichlorobenzene
Concen: 22.508 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

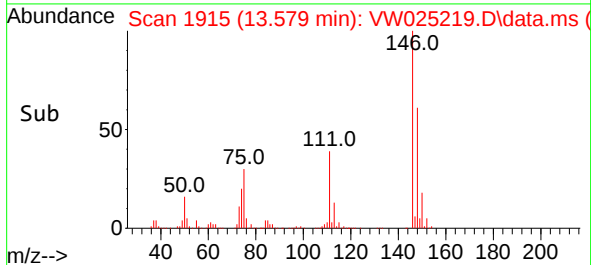
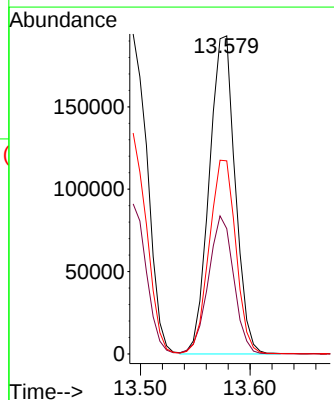
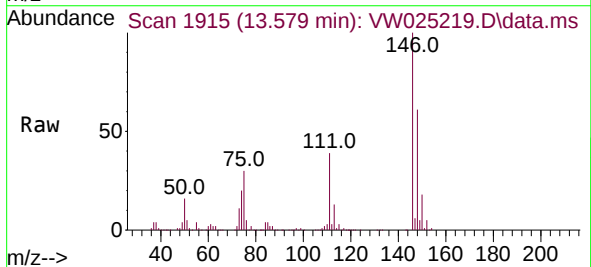
Instrument :
MSVOA_W
ClientSampleId :
VICV404

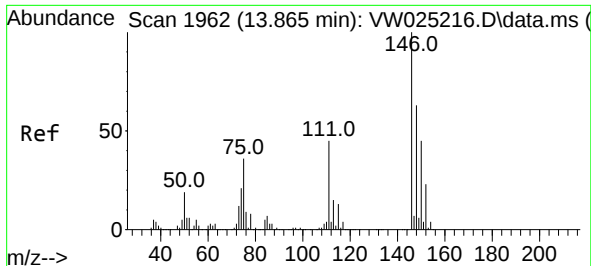
Tgt Ion:146 Resp: 313867
Ion Ratio Lower Upper
146 100
111 46.9 28.3 52.7
148 69.0 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 22.954 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion:146 Resp: 317221
Ion Ratio Lower Upper
146 100
111 39.4 27.4 51.0
148 60.7 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 23.624 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Instrument :

MSVOA_W

ClientSampleId :

VICV404

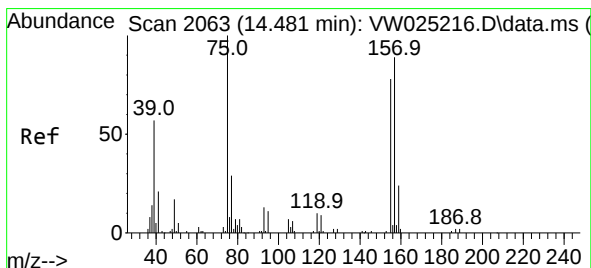
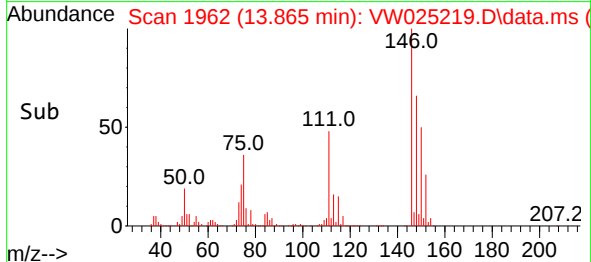
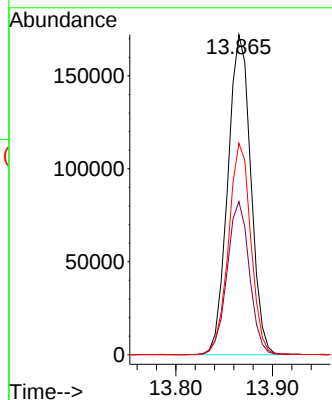
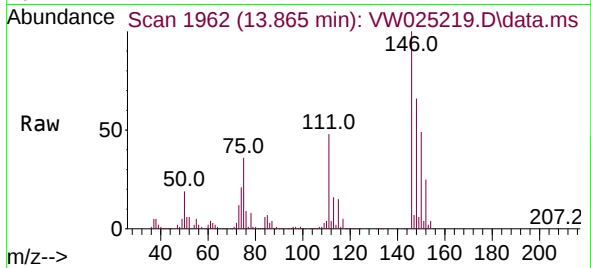
Tgt Ion:146 Resp: 284316

Ion Ratio Lower Upper

146 100

111 47.9 36.1 54.1

148 66.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.786 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

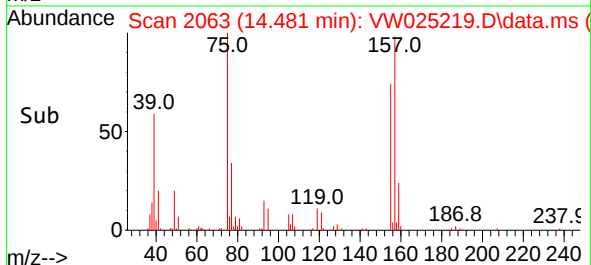
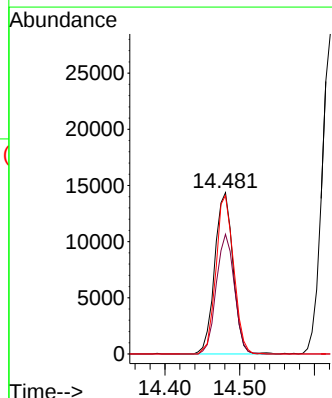
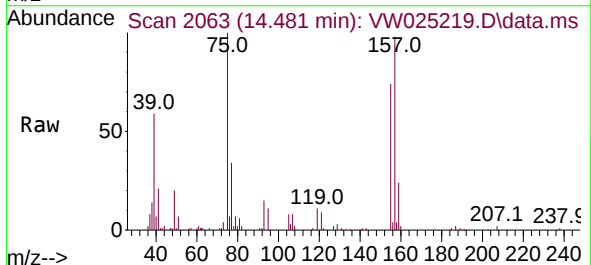
Tgt Ion: 75 Resp: 24396

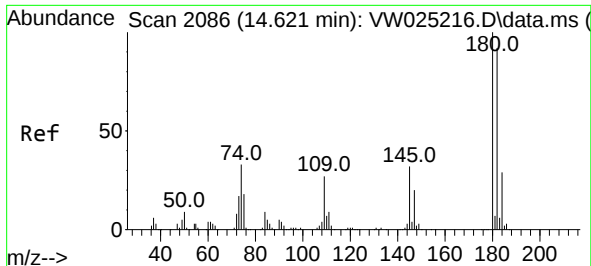
Ion Ratio Lower Upper

75 100

155 74.3 62.3 93.5

157 98.4 71.1 106.7

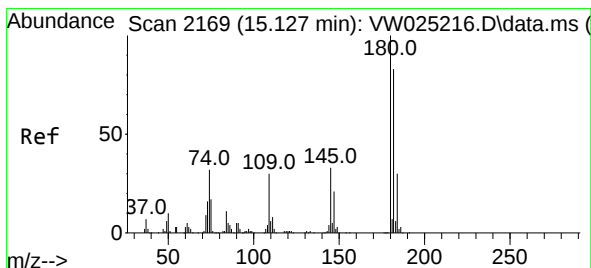
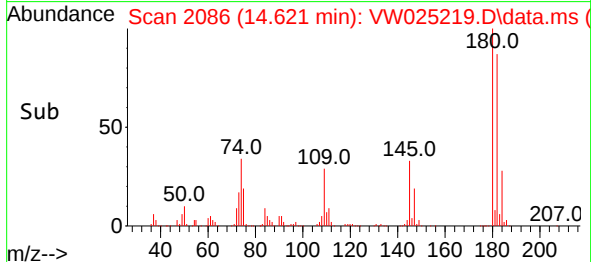
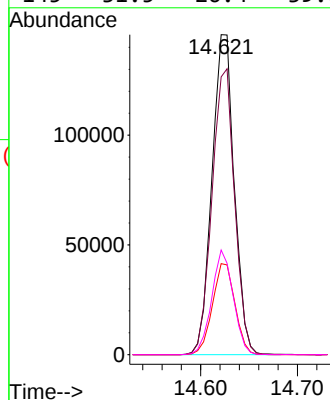
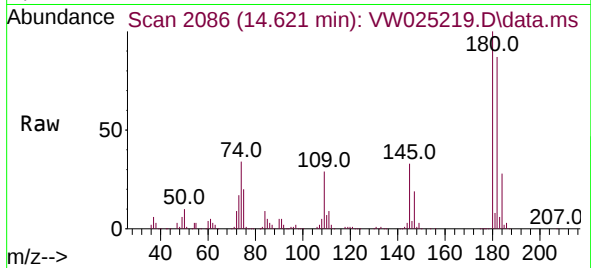




#69
1,3,5-Trichlorobenzene
Concen: 23.522 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

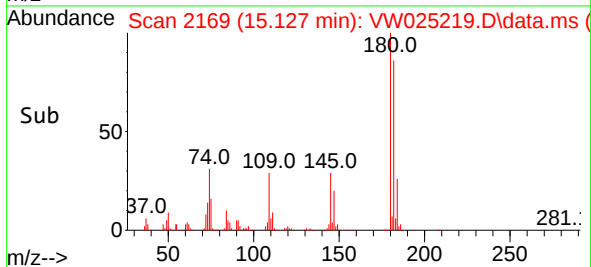
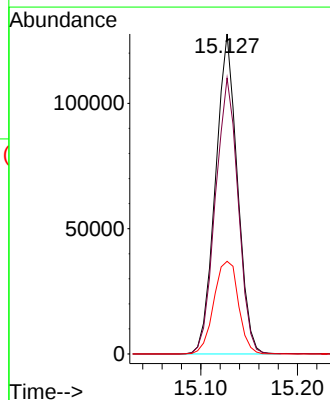
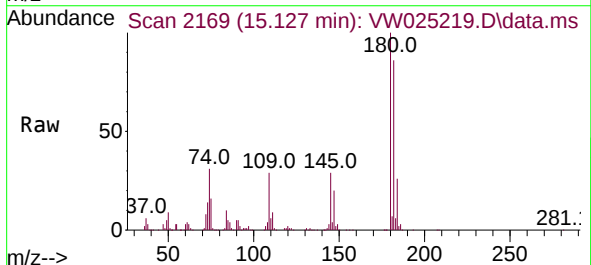
Instrument :
MSVOA_W
ClientSampleId :
VICV404

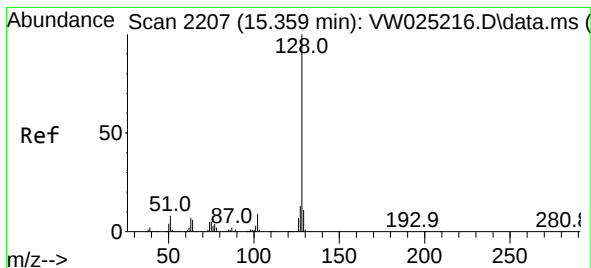
Tgt Ion:180 Resp: 233700
Ion Ratio Lower Upper
180 100
182 90.7 75.1 112.7
184 28.8 23.3 34.9
145 31.5 26.4 39.6



#70
1,2,4-trichlorobenzene
Concen: 23.800 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025219.D
Acq: 03 Jan 2023 15:09

Tgt Ion:180 Resp: 200792
Ion Ratio Lower Upper
180 100
182 89.3 72.5 108.7
145 32.5 27.0 40.4





#71

Naphthalene

Concen: 24.671 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Instrument :

MSVOA_W

ClientSampleId :

VICV404

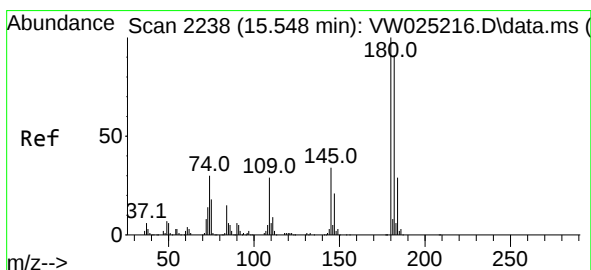
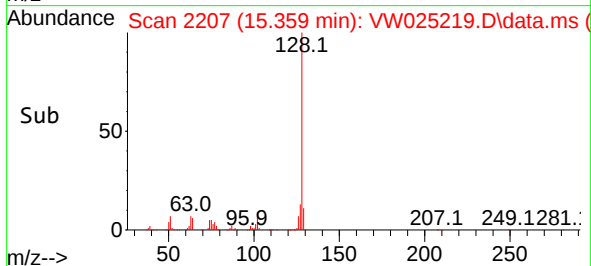
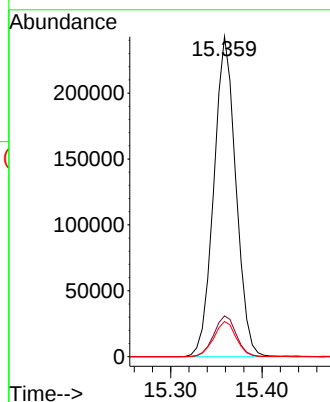
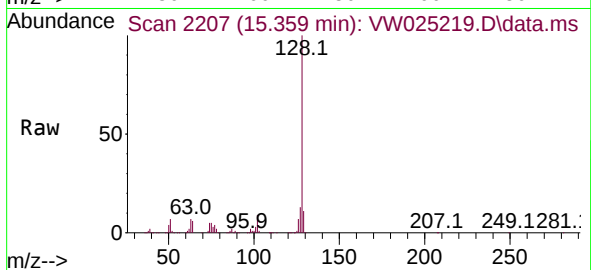
Tgt Ion:128 Resp: 407927

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.2 9.0 13.6



#72

1,2,3-Trichlorobenzene

Concen: 24.141 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025219.D

Acq: 03 Jan 2023 15:09

Tgt Ion:180 Resp: 174709

Ion Ratio Lower Upper

180 100

182 92.2 76.5 114.7

145 34.1 28.6 42.8

