

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012623\
 Data File : VW025241.D
 Acq On : 26 Jan 2023 15:15
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Quant Time: Jan 27 00:38:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 27 00:36:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	394522	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	351245	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179463	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	86655	18.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.680%
7) Chloroethane-d5	2.885	69	65206	22.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.360%
11) 1,1-Dichloroethene-d2	4.019	63	220271	21.958	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.840%
21) 2-Butanone-d5	7.080	46	52340	45.089	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.180%
24) Chloroform-d	7.647	84	246090	24.888	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.560%
26) 1,2-Dichloroethane-d4	8.305	65	128218	25.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.680%
32) Benzene-d6	8.275	84	488617	23.166	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.680%
36) 1,2-Dichloropropane-d6	9.275	67	138939	22.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.080%
41) Toluene-d8	10.323	98	446115	23.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.960%
43) trans-1,3-Dichloroprop...	10.579	79	59939	22.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.760%
47) 2-Hexanone-d5	10.921	63	43455	44.697	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.400%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	106456	24.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	142598	22.363	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	41167	18.397	ug/L	92
3) Chloromethane	2.215	50	78992	20.026	ug/L	95
5) Vinyl chloride	2.361	62	110131	21.890	ug/L	99
6) Bromomethane	2.782	94	56360	21.341	ug/L	99
8) Chloroethane	2.922	64	52788	22.511	ug/L	99
9) Trichlorofluoromethane	3.263	101	85606	24.566	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	116267	22.925	ug/L	99
12) 1,1-Dichloroethene	4.038	96	109411	22.369	ug/L	99
13) Acetone	4.123	43	57858	42.618	ug/L	99
14) Carbon disulfide	4.385	76	348943	21.531	ug/L	99
15) Methyl Acetate	4.672	43	40275	20.532	ug/L	99
16) Methylene chloride	4.916	84	118288	19.385	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	116369	22.212	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	160130	21.806	ug/L	98
19) 1,1-Dichloroethane	6.220	63	205514	22.299	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	123158	22.618	ug/L	98
22) 2-Butanone	7.171	43	65511	43.428	ug/L	97
23) Bromochloromethane	7.513	128	51856	22.815	ug/L	93
25) Chloroform	7.677	83	211974	23.393	ug/L	97

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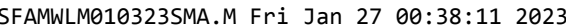
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

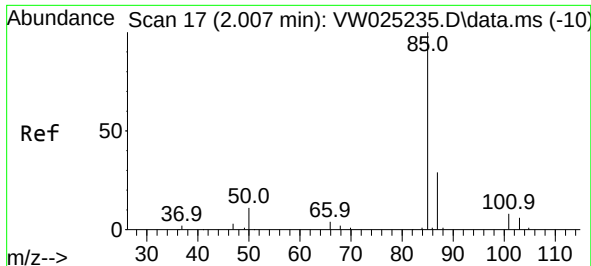
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	135950	24.241	ug/L	99
29) Cyclohexane	7.958	56	196896	21.267	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	186829	23.950	ug/L	98
31) Carbon tetrachloride	8.067	117	169870	23.911	ug/L	98
33) Benzene	8.323	78	474088	22.327	ug/L	100
34) Trichloroethene	9.092	95	125783	22.715	ug/L	98
35) Methylcyclohexane	9.336	83	225316	22.423	ug/L	98
37) 1,2-Dichloropropane	9.366	63	110537	21.171	ug/L	100
38) Bromodichloromethane	9.646	83	153186	23.470	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	176516	22.162	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	113650	41.708	ug/L	99
42) Toluene	10.384	91	502903	22.518	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	151313	22.207	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	80212	22.147	ug/L	98
46) Tetrachloroethene	10.866	164	93796	23.055	ug/L	85
48) 2-Hexanone	10.963	43	94197	45.075	ug/L	99
49) Dibromochloromethane	11.128	129	98081	23.205	ug/L	91
50) 1,2-Dibromoethane	11.232	107	74602	21.774	ug/L	93
51) Chlorobenzene	11.658	112	314200	22.525	ug/L	98
52) Ethylbenzene	11.731	91	569354	22.876	ug/L	100
53) m,p-Xylene	11.835	106	216748	22.535	ug/L	86
54) o-Xylene	12.164	106	206030	23.274	ug/L	98
55) Styrene	12.176	104	348636	23.174	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	93004	23.029	ug/L	99
59) Bromoform	12.347	173	51383	21.706	ug/L	96
60) Isopropylbenzene	12.463	105	565432	20.910	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	68403	20.431	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	502756	21.929	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	486105	21.494	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	237941	21.527	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	238713	21.793	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	211709	22.193	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	16105	21.476	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	165986	21.078	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	136068	20.348	ug/L	97
71) Naphthalene	15.359	128	262625	20.039	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	117669	20.514	ug/L	99

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

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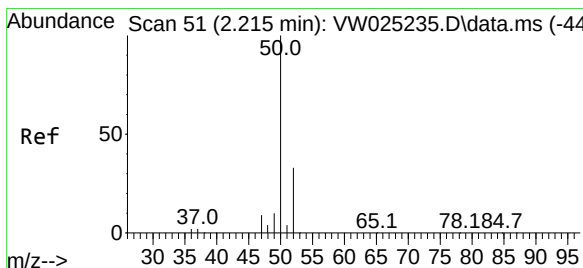
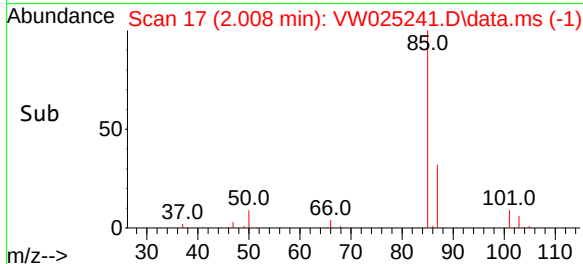
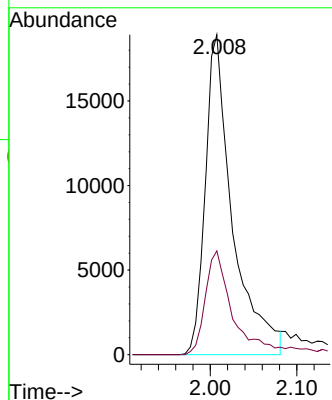
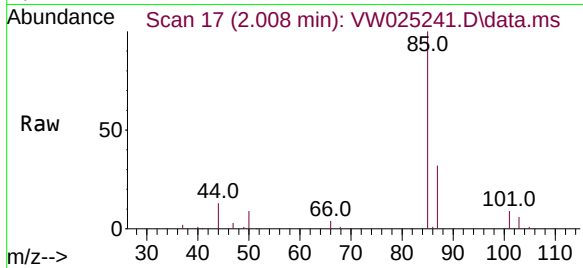




#2
 Dichlorodifluoromethane
 Concen: 18.397 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW025241.D
 Acq: 26 Jan 2023 15:15

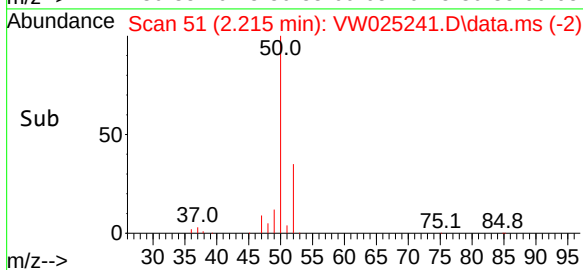
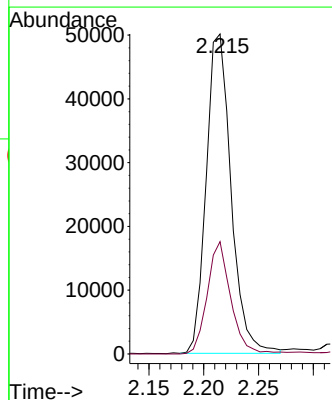
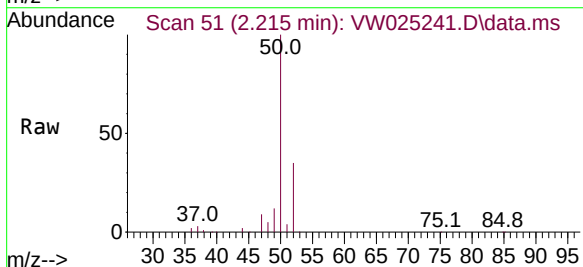
Instrument :
 MSVOA_W
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 VSTD025525

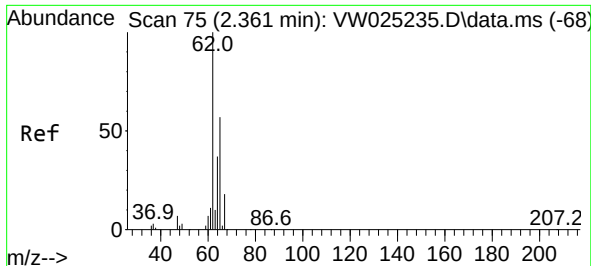
Tgt Ion: 85 Resp: 41167
 Ion Ratio Lower Upper
 85 100
 87 28.8 26.6 39.8



#3
 Chloromethane
 Concen: 20.026 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW025241.D
 Acq: 26 Jan 2023 15:15

Tgt Ion: 50 Resp: 78992
 Ion Ratio Lower Upper
 50 100
 52 35.1 22.7 42.1

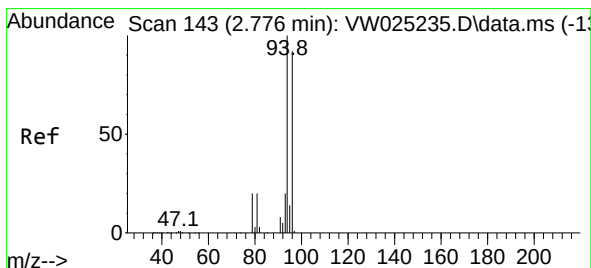
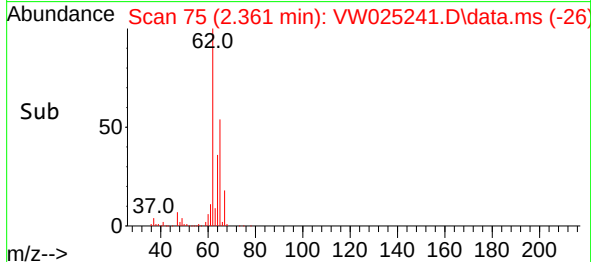
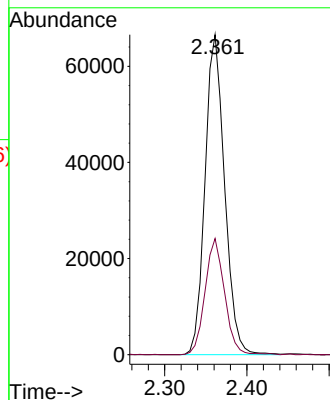
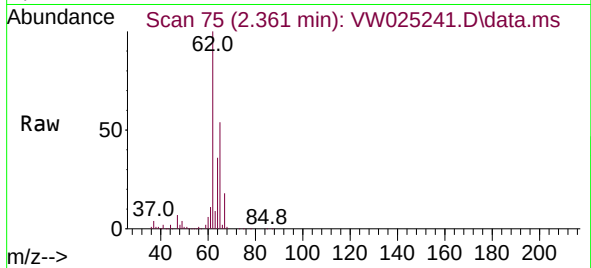




#5
 Vinyl chloride
 Concen: 21.890 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW025241.D
 Acq: 26 Jan 2023 15:15

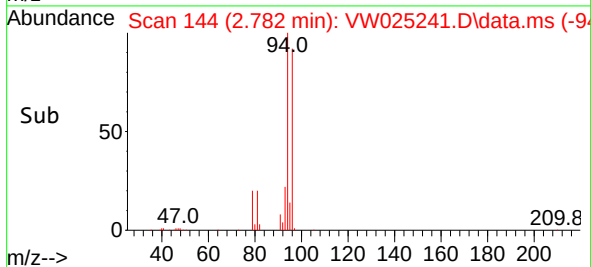
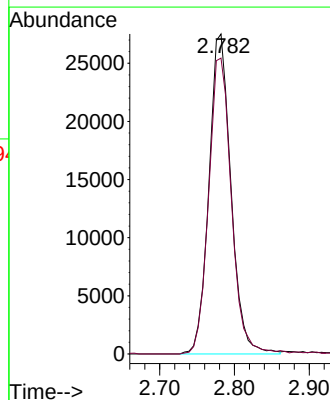
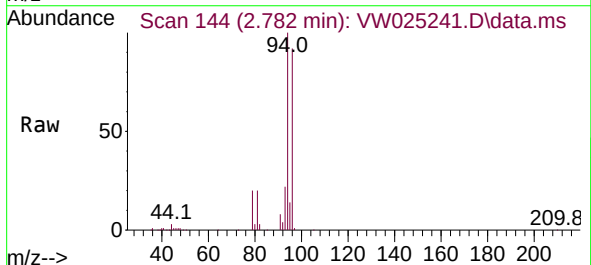
Instrument :
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 ClientSampleId :
 VSTD025525

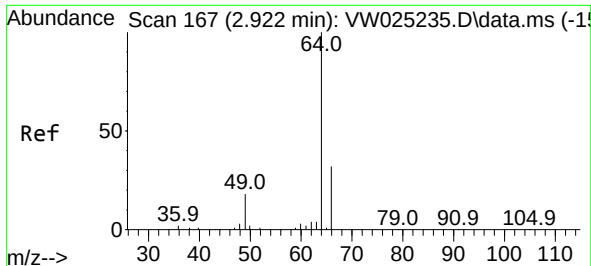
Tgt Ion: 62 Resp: 110131
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.8 46.1



#6
 Bromomethane
 Concen: 21.341 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW025241.D
 Acq: 26 Jan 2023 15:15

Tgt Ion: 94 Resp: 56360
 Ion Ratio Lower Upper
 94 100
 96 92.4 63.9 118.7

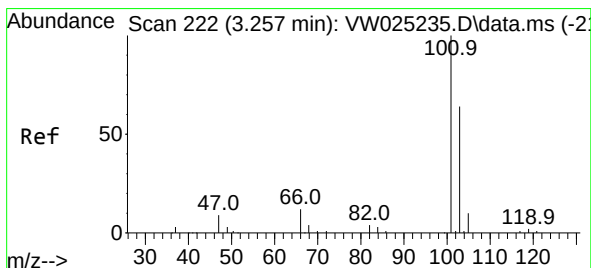
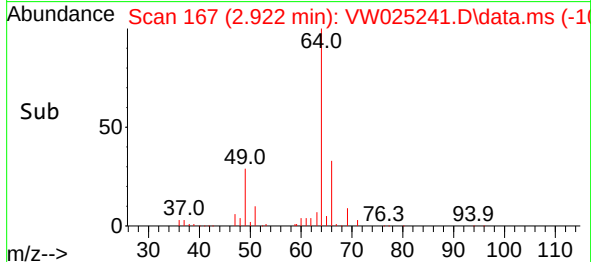
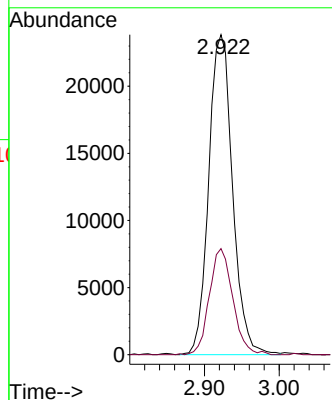
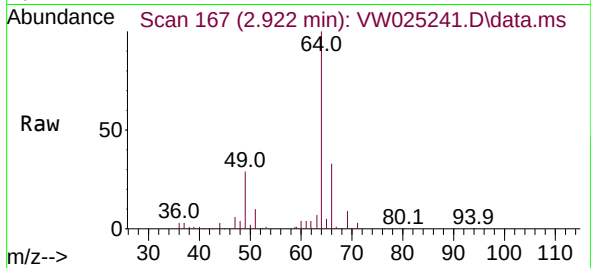




#8
Chloroethane
Concen: 22.511 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

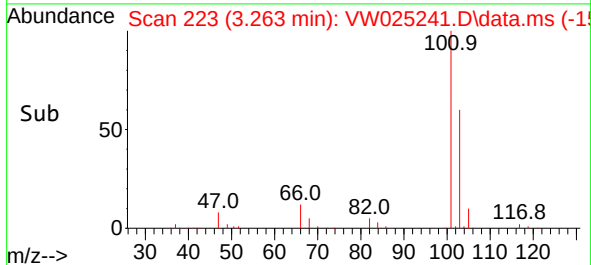
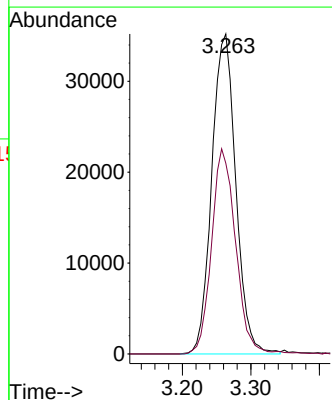
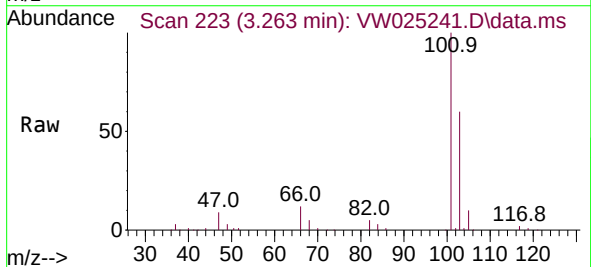
Instrument :
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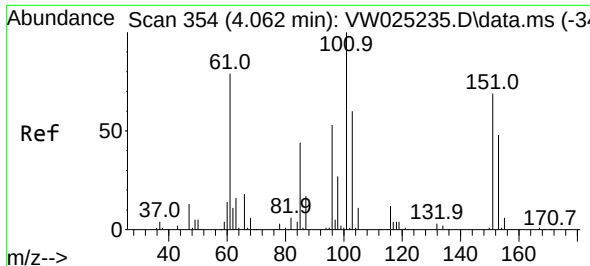
Tgt Ion: 64 Resp: 52788
Ion Ratio Lower Upper
64 100
66 33.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 24.566 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion:101 Resp: 85606
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

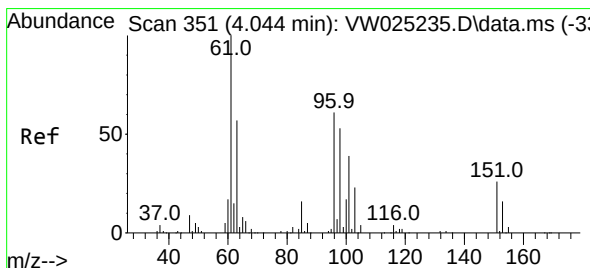
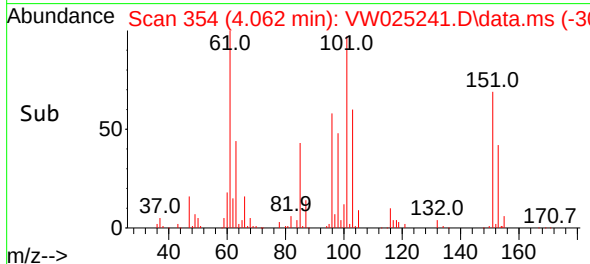
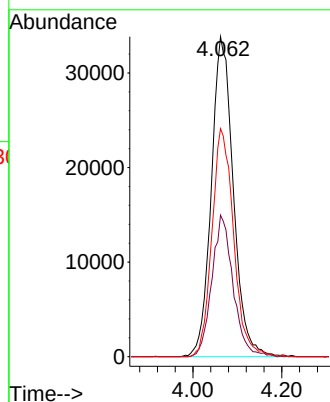
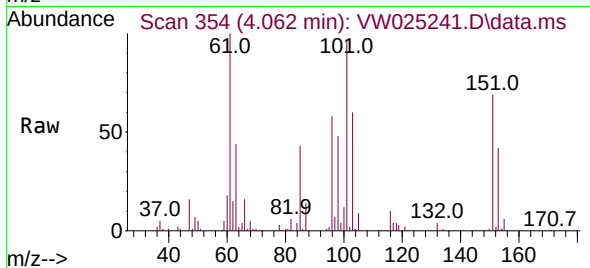




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.925 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW025241.D
 Acq: 26 Jan 2023 15:15

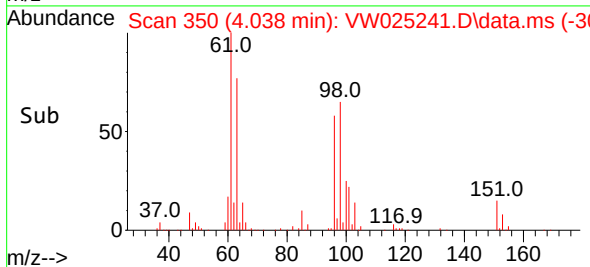
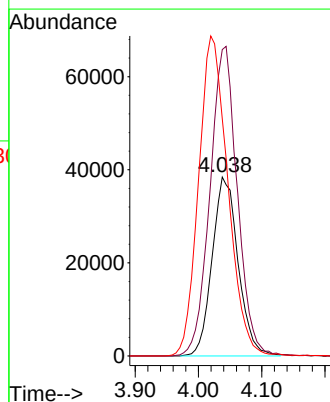
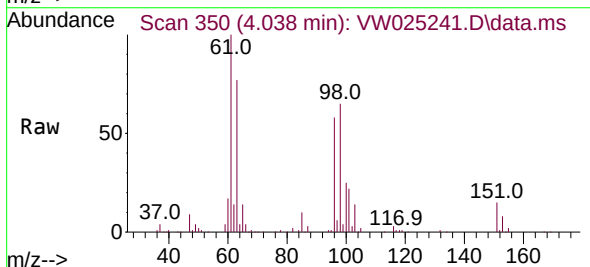
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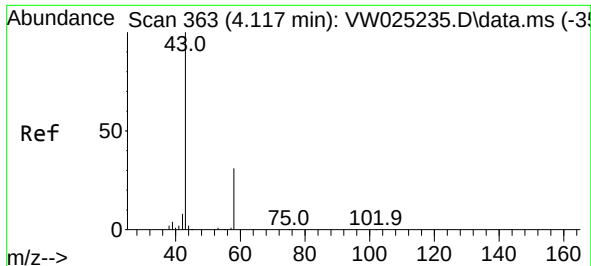
Tgt Ion:101 Resp: 116267
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.8 50.8
 151 70.2 54.6 82.0



#12
 1,1-Dichloroethene
 Concen: 22.369 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025241.D
 Acq: 26 Jan 2023 15:15

Tgt Ion: 96 Resp: 109411
 Ion Ratio Lower Upper
 96 100
 61 171.4 119.3 221.5
 63 132.6 91.3 169.6





#13

Acetone

Concen: 42.618 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

Instrument :

MSVOA_W

ClientSampleId :

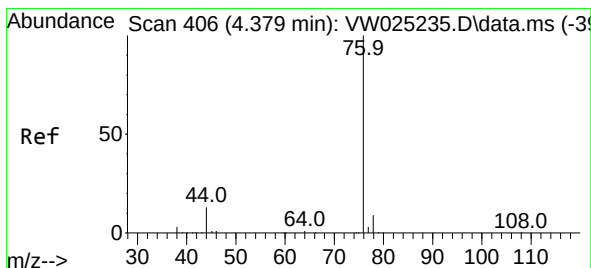
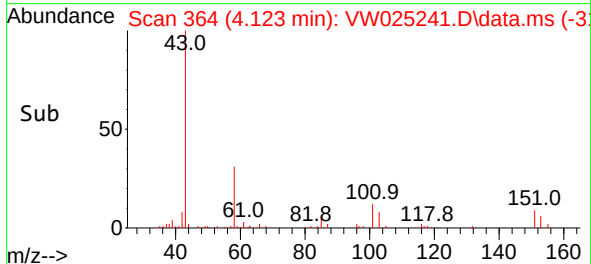
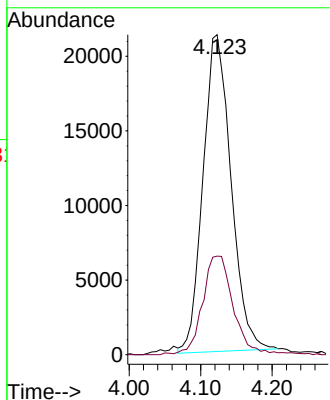
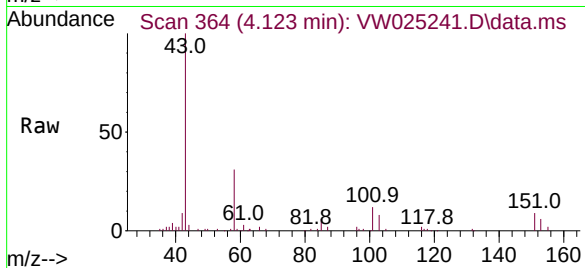
VSTD025525

Tgt Ion: 43 Resp: 57858

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.8



#14

Carbon disulfide

Concen: 21.531 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW025241.D

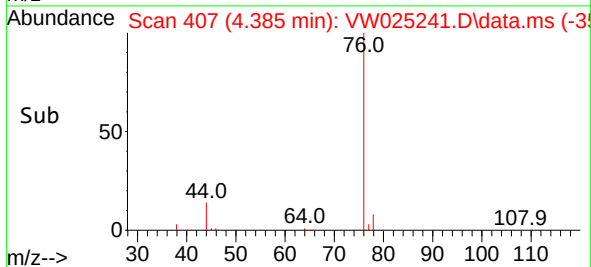
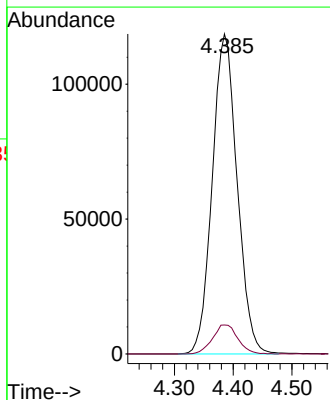
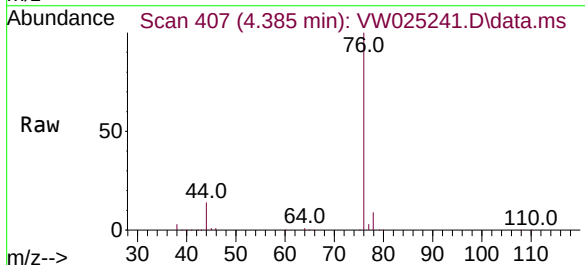
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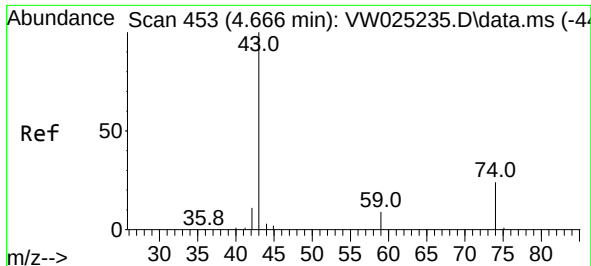
Tgt Ion: 76 Resp: 348943

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

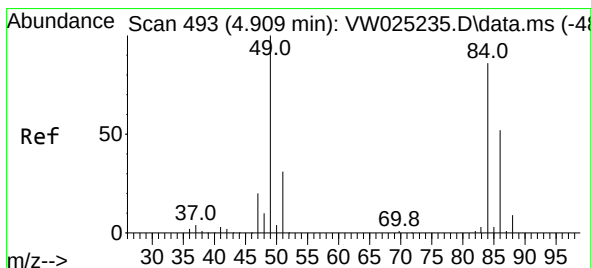
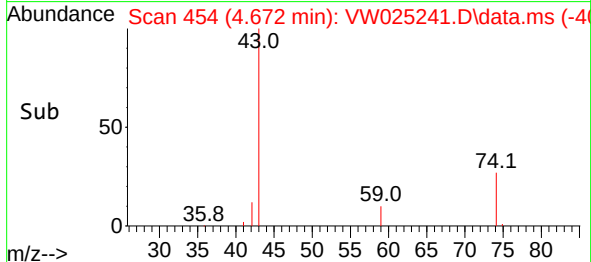
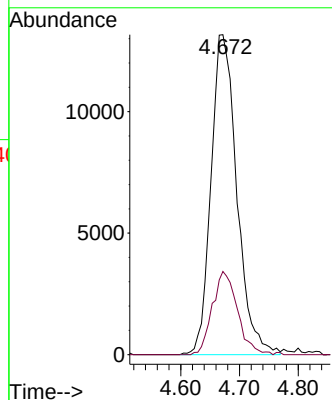
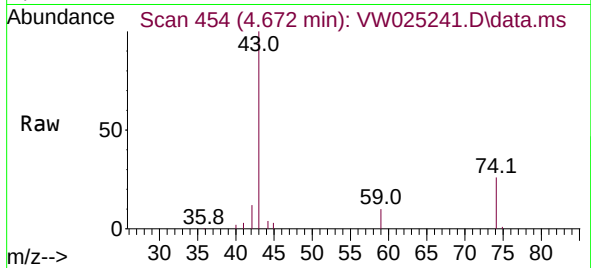




#15
Methyl Acetate
Concen: 20.532 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

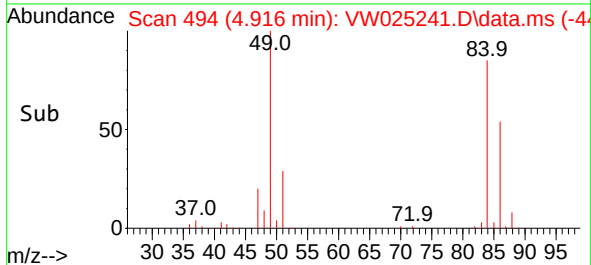
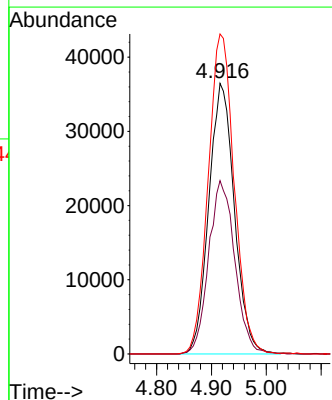
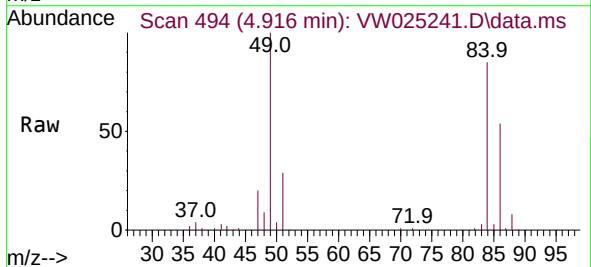
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

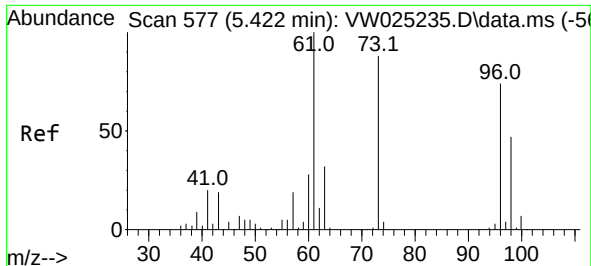
Tgt Ion: 43 Resp: 40275
Ion Ratio Lower Upper
43 100
74 25.0 20.4 30.6



#16
Methylene chloride
Concen: 19.385 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion: 84 Resp: 118288
Ion Ratio Lower Upper
84 100
86 64.0 43.4 80.6
49 118.2 82.0 152.2

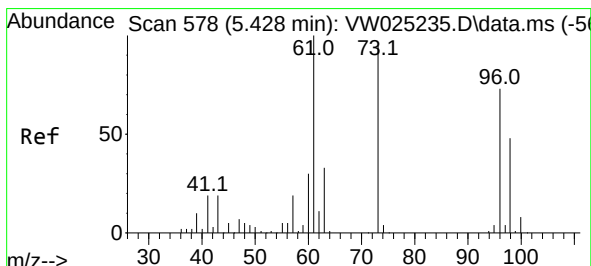
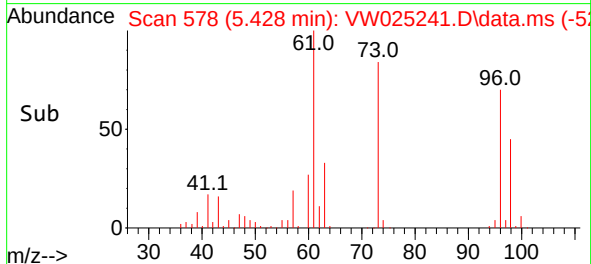
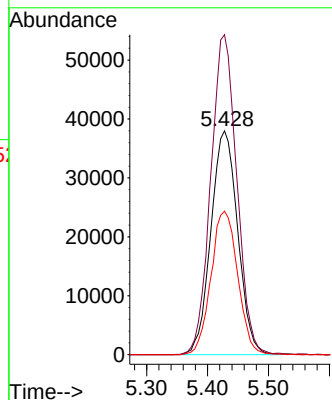
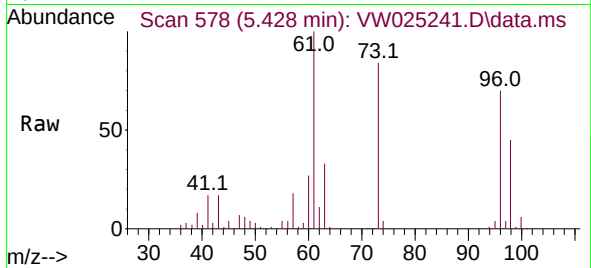




#17
trans-1,2-Dichloroethene
Concen: 22.212 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

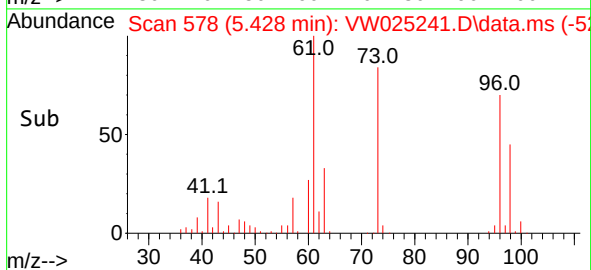
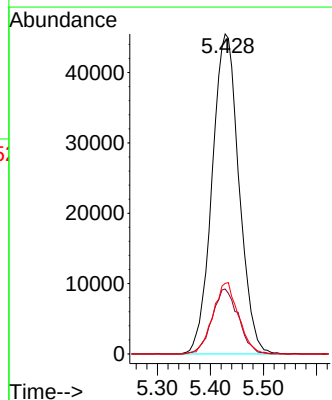
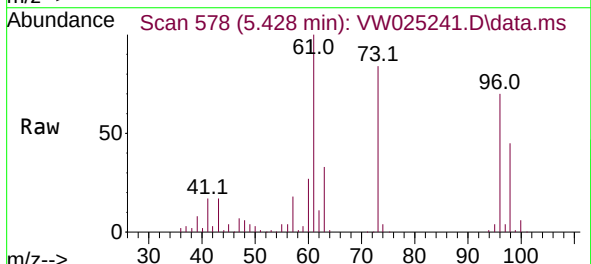
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

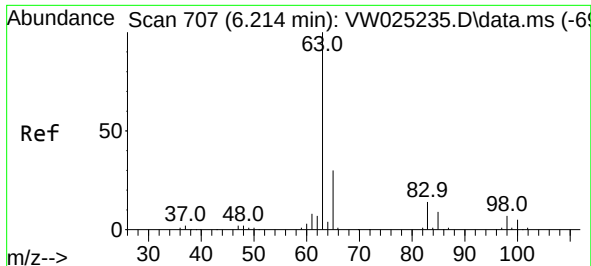
Tgt Ion: 96 Resp: 116369
Ion Ratio Lower Upper
96 100
61 143.0 94.2 175.0
98 64.1 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 21.806 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion: 73 Resp: 160130
Ion Ratio Lower Upper
73 100
43 19.9 15.2 22.8
57 21.2 17.8 26.6

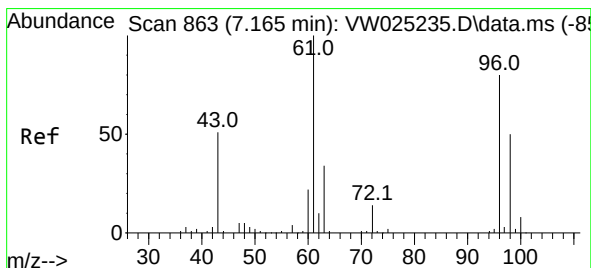
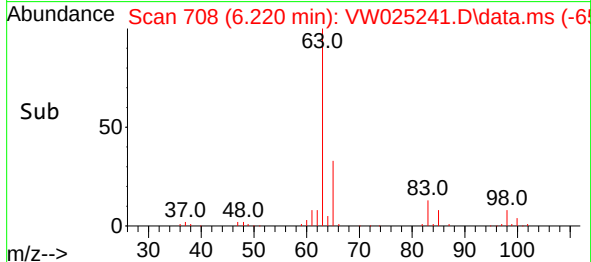
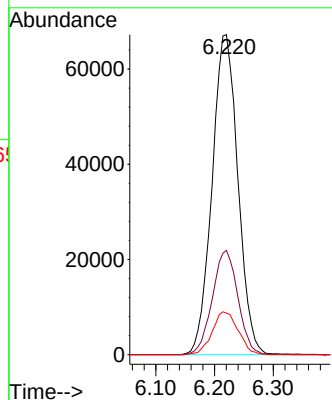
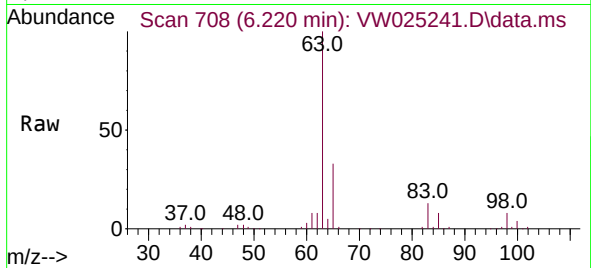




#19
1,1-Dichloroethane
Concen: 22.299 ug/L
RT: 6.220 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

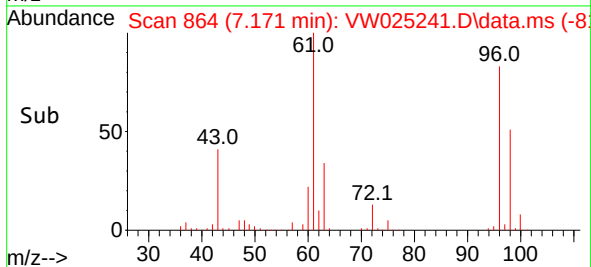
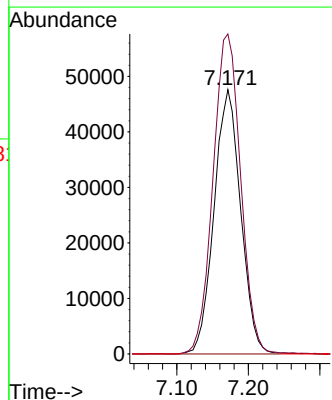
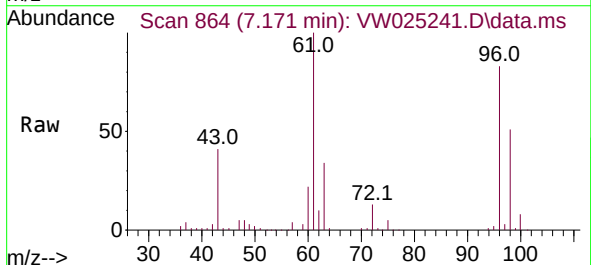
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

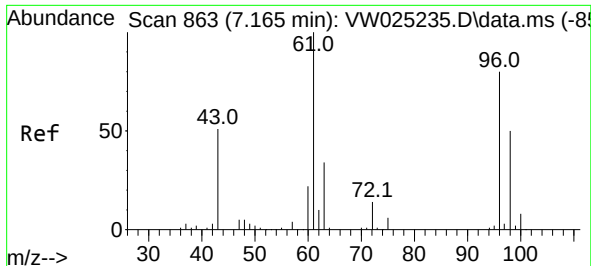
Tgt Ion: 63 Resp: 205514
Ion Ratio Lower Upper
63 100
65 32.6 21.7 40.3
83 13.0 8.8 16.4



#20
cis-1,2-Dichloroethene
Concen: 22.618 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion: 96 Resp: 123158
Ion Ratio Lower Upper
96 100
61 121.0 86.0 159.8
68 0.0 0.0 0.0

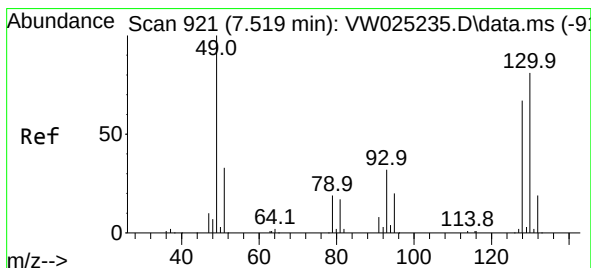
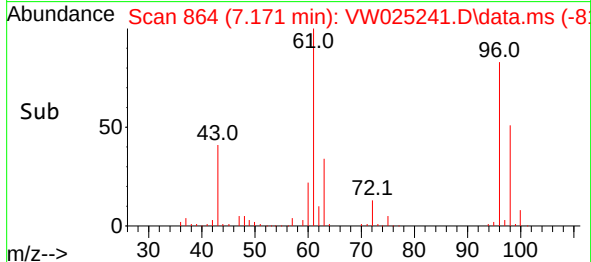
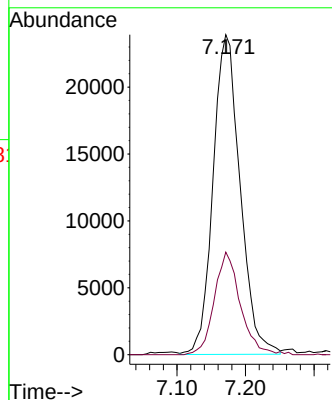
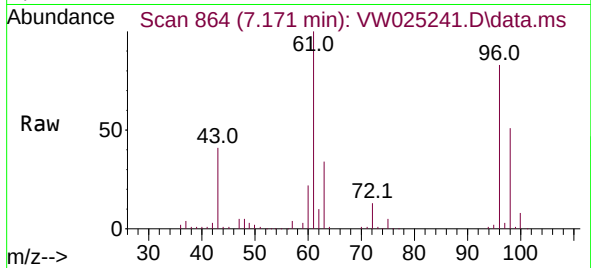




#22
2-Butanone
Concen: 43.428 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

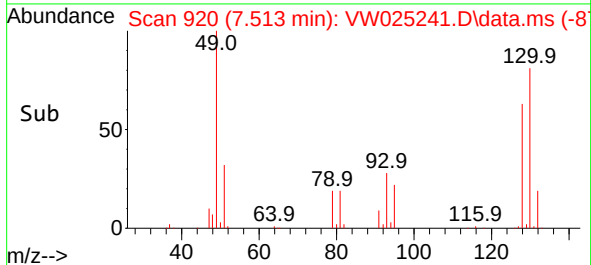
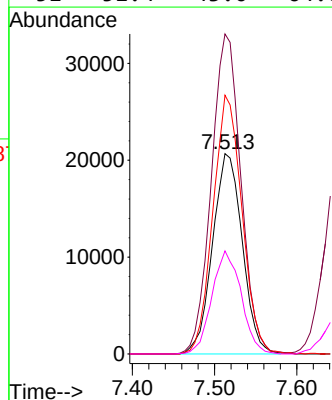
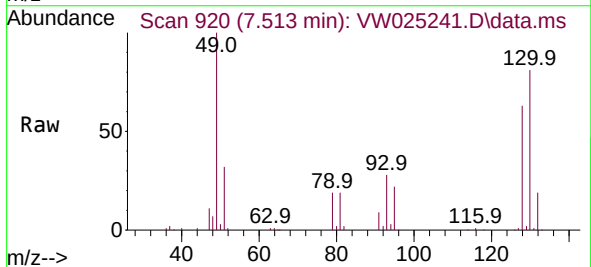
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

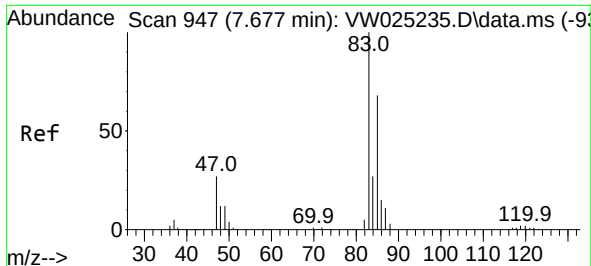
Tgt Ion: 43 Resp: 65511
Ion Ratio Lower Upper
43 100
72 30.9 14.7 44.1



#23
Bromochloromethane
Concen: 22.815 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion: 128 Resp: 51856
Ion Ratio Lower Upper
128 100
49 159.7 122.1 226.7
130 129.2 94.0 174.6
51 51.4 43.0 64.6

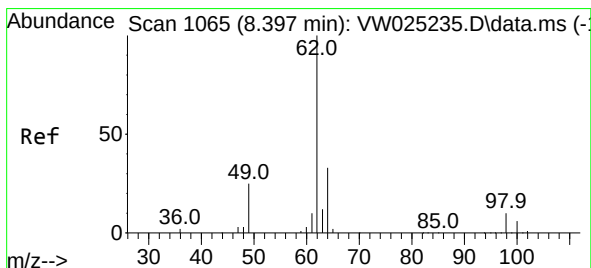
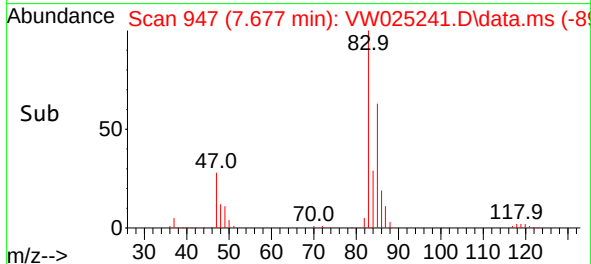
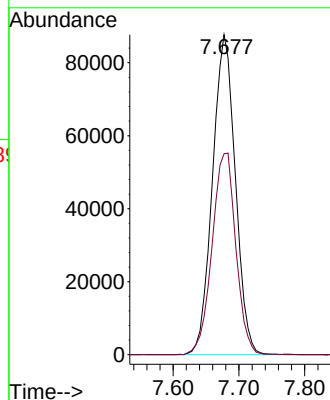
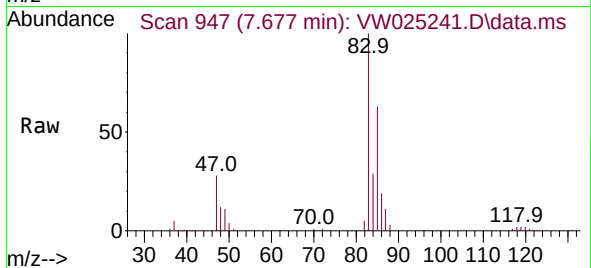




#25
Chloroform
Concen: 23.393 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

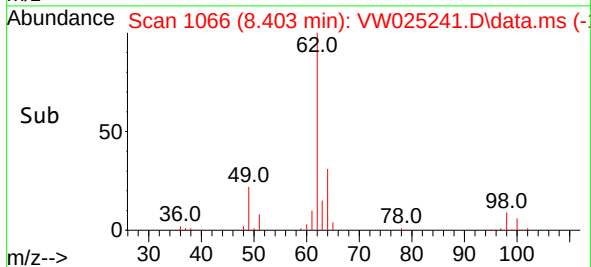
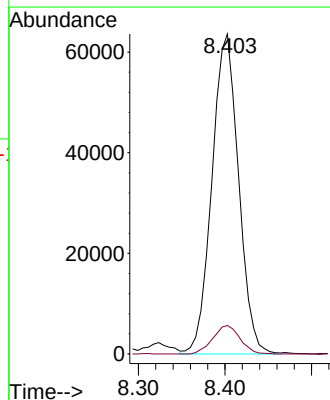
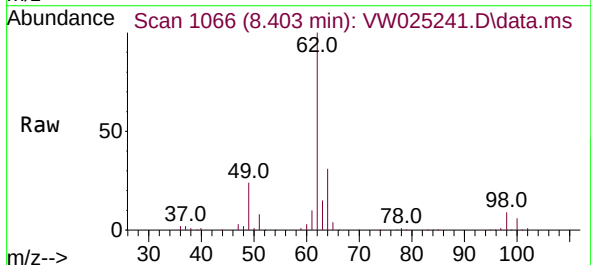
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

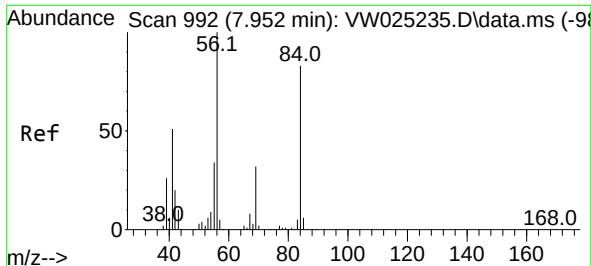
Tgt Ion: 83 Resp: 211974
Ion Ratio Lower Upper
83 100
85 62.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 24.241 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion: 62 Resp: 135950
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3





#29

Cyclohexane

Concen: 21.267 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

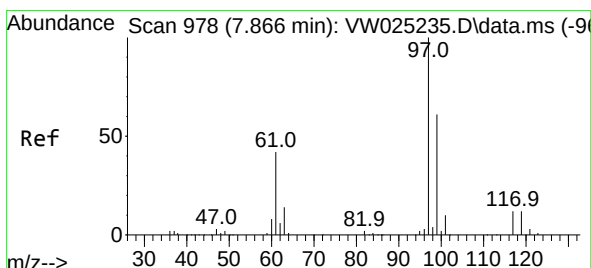
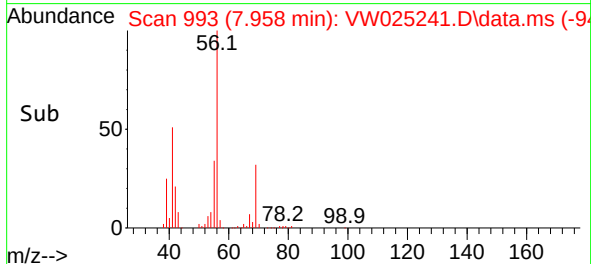
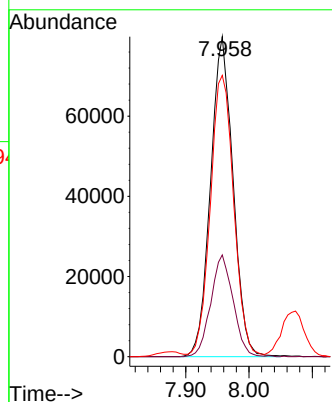
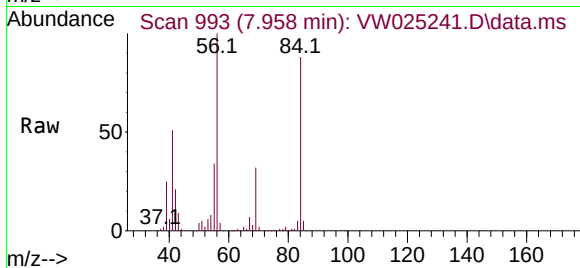
Tgt Ion: 56 Resp: 196896

Ion Ratio Lower Upper

56 100

69 31.5 25.1 37.7

84 91.8 71.0 106.4



#30

1,1,1-Trichloroethane

Concen: 23.950 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

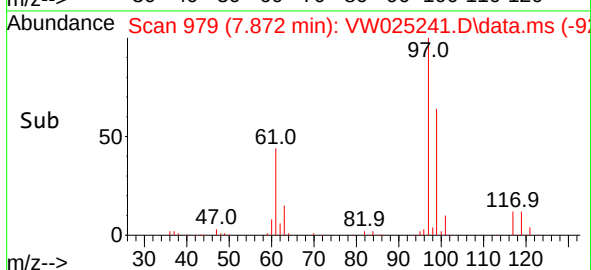
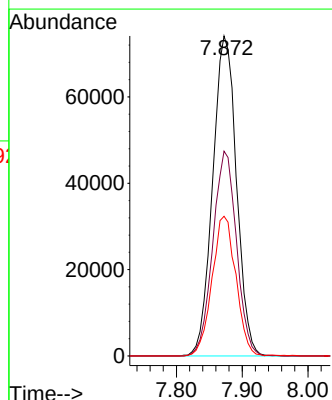
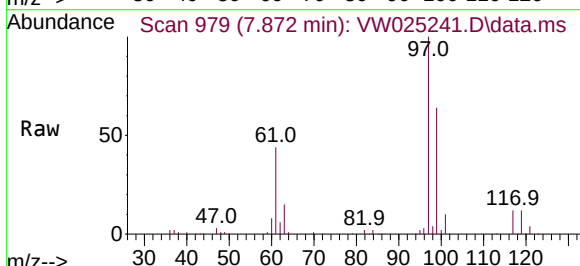
Tgt Ion: 97 Resp: 186829

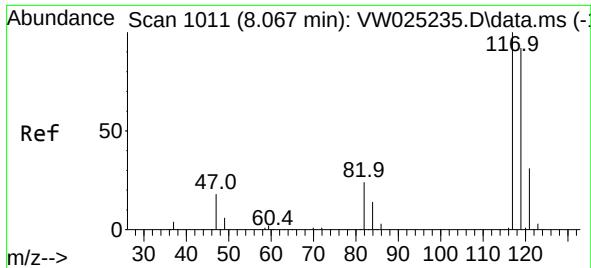
Ion Ratio Lower Upper

97 100

99 63.6 51.9 77.9

61 43.6 35.6 53.4

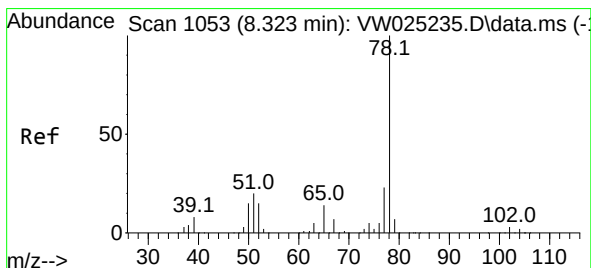
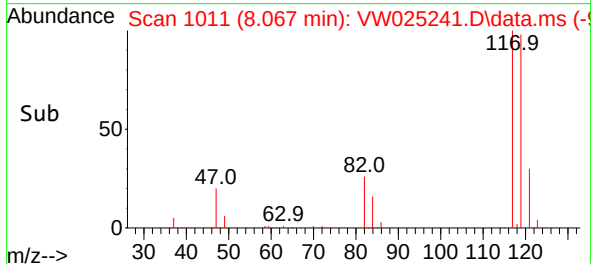
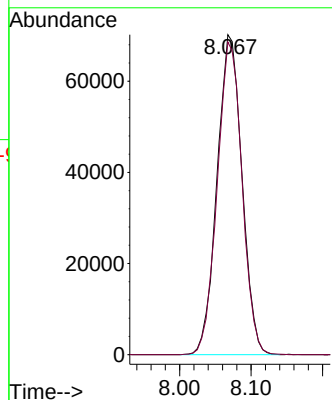
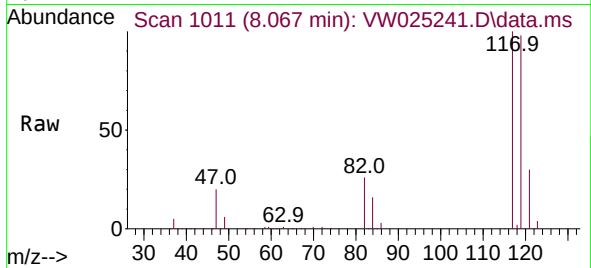




#31
Carbon tetrachloride
Concen: 23.911 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

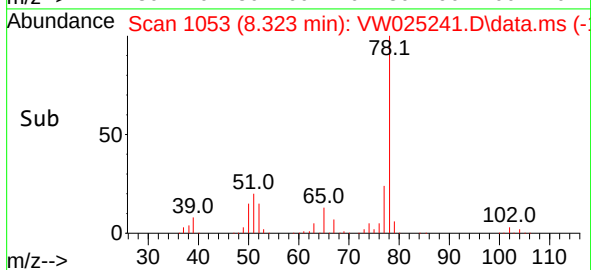
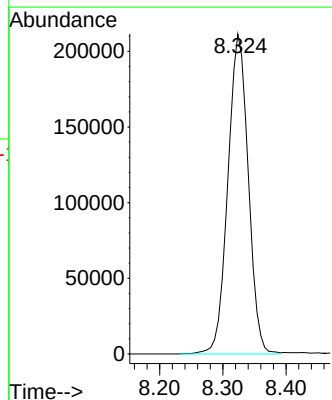
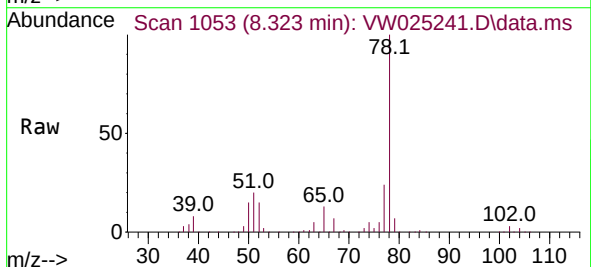
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

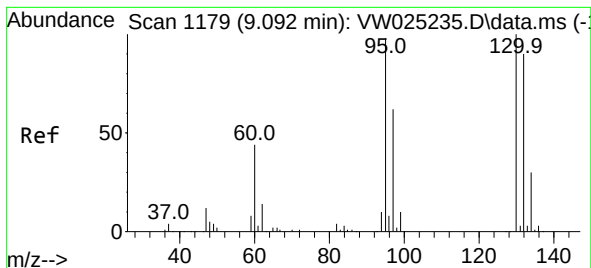
Tgt Ion:117 Resp: 169870
Ion Ratio Lower Upper
117 100
119 97.1 76.3 114.5



#33
Benzene
Concen: 22.327 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion: 78 Resp: 474088





#34

Trichloroethene

Concen: 22.715 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

Tgt Ion: 95 Resp: 125783

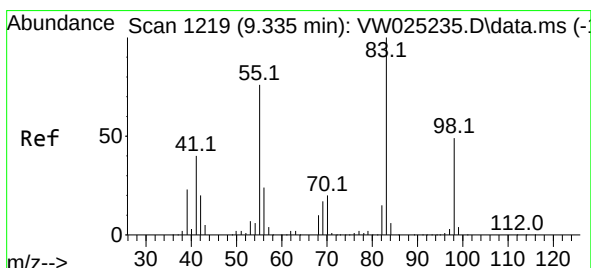
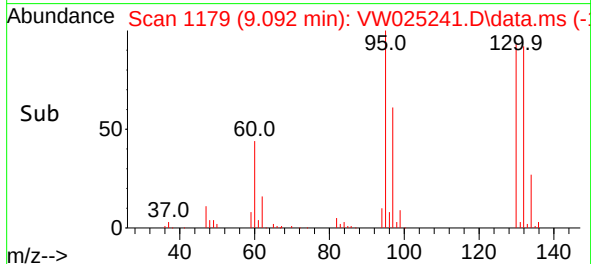
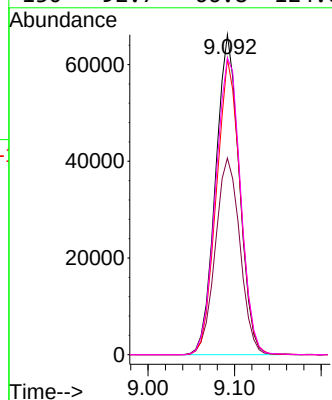
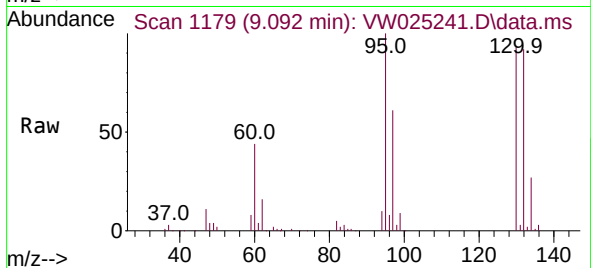
Ion Ratio Lower Upper

95 100

97 61.4 44.4 82.4

132 92.5 64.5 119.7

130 92.7 66.8 124.0



#35

Methylcyclohexane

Concen: 22.423 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

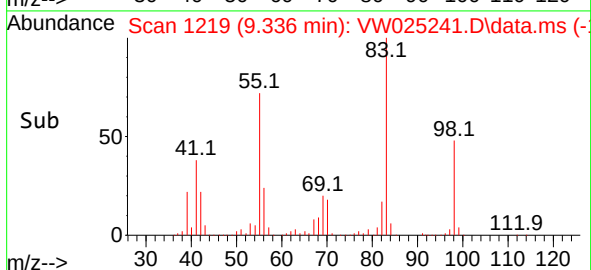
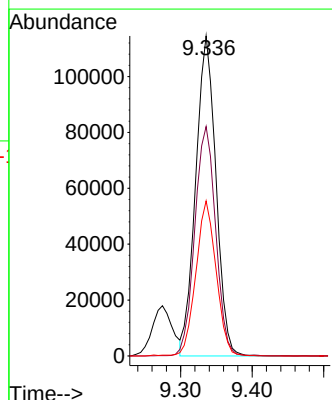
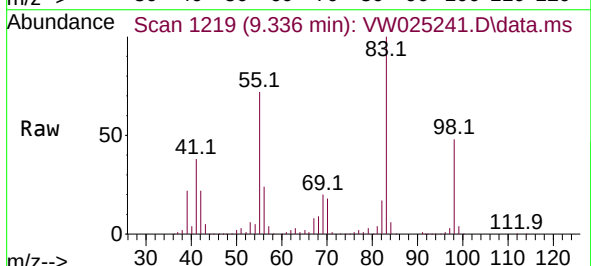
Tgt Ion: 83 Resp: 225316

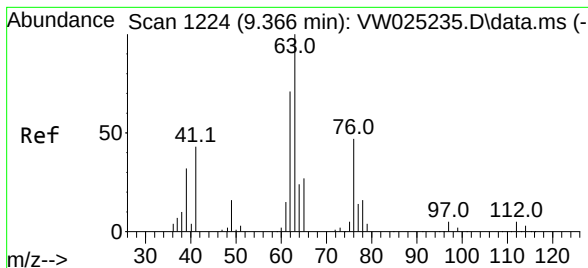
Ion Ratio Lower Upper

83 100

55 73.7 61.0 91.4

98 48.5 38.6 58.0

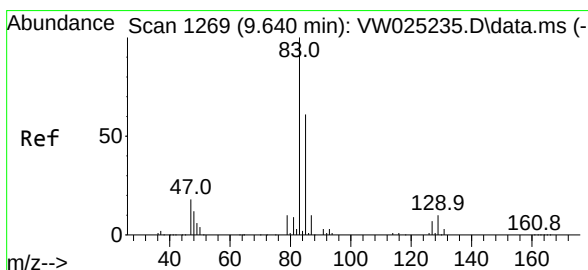
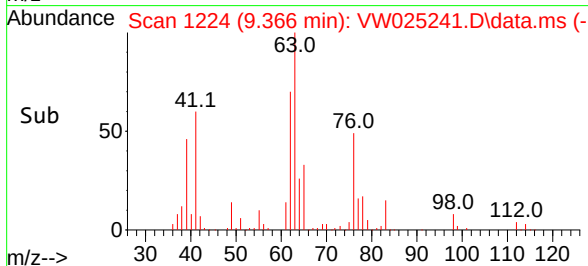
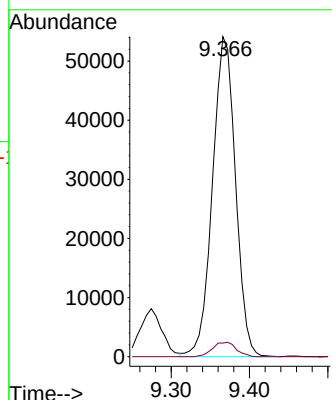
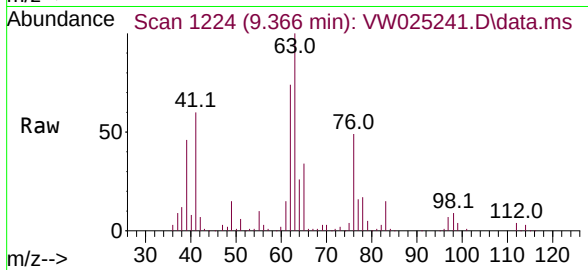




#37
1,2-Dichloropropane
Concen: 21.171 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

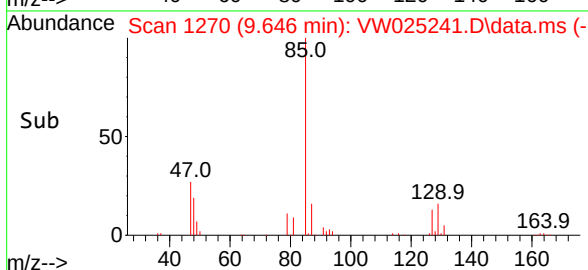
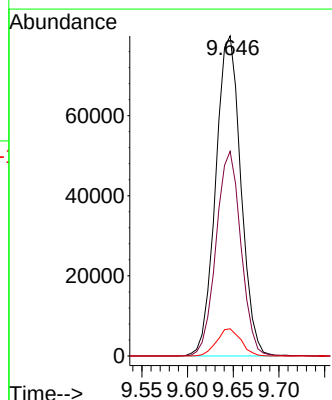
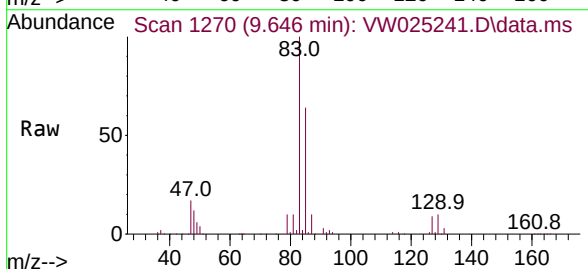
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

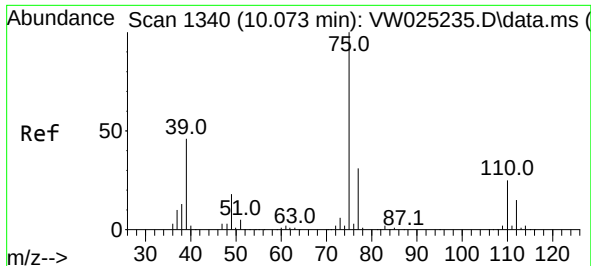
Tgt Ion: 63 Resp: 110537
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5



#38
Bromodichloromethane
Concen: 23.470 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion: 83 Resp: 153186
Ion Ratio Lower Upper
83 100
85 64.0 43.4 80.6
127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 22.162 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

Instrument :

MSVOA_W

ClientSampleId :

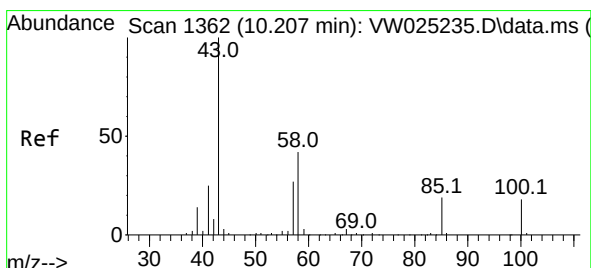
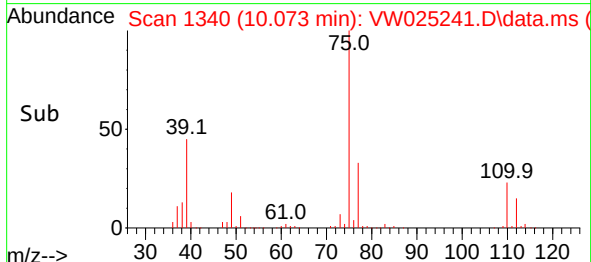
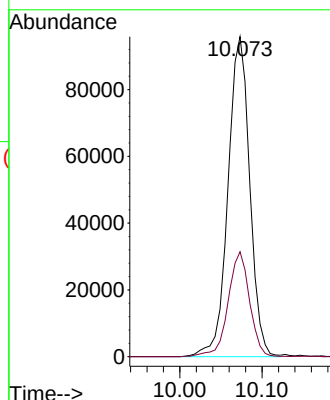
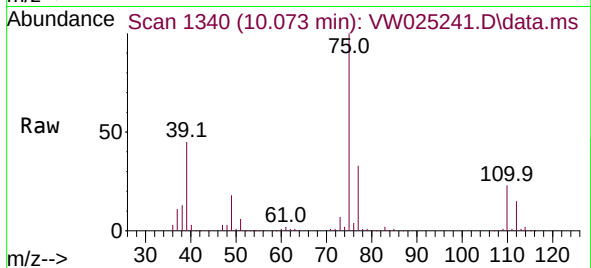
VSTD025525

Tgt Ion: 75 Resp: 176516

Ion Ratio Lower Upper

75 100

77 32.8 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 41.708 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

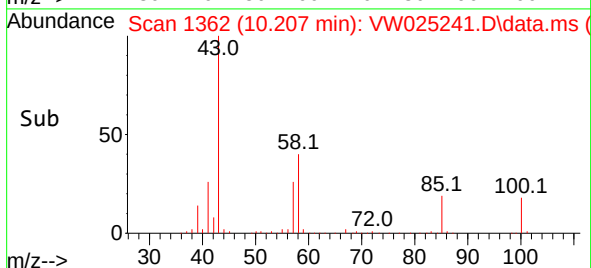
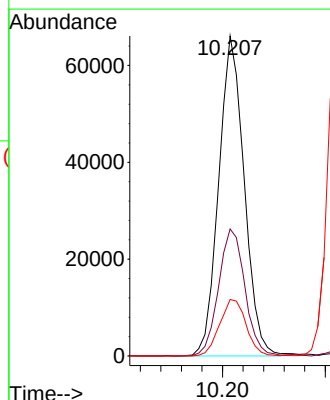
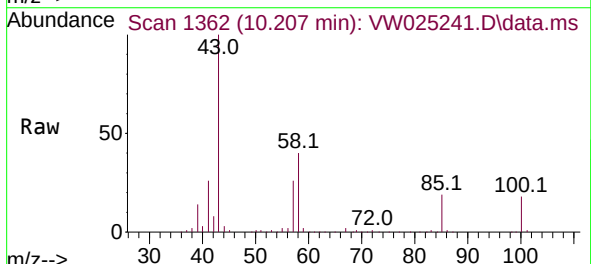
Tgt Ion: 43 Resp: 113650

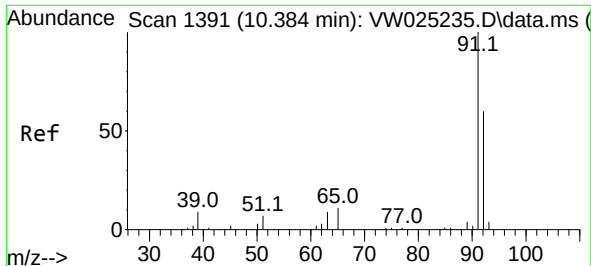
Ion Ratio Lower Upper

43 100

58 40.9 33.0 49.6

100 18.4 13.4 20.2





#42

Toluene

Concen: 22.518 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

Instrument :

MSVOA_W

ClientSampleId :

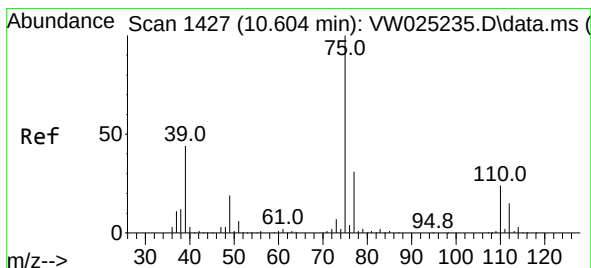
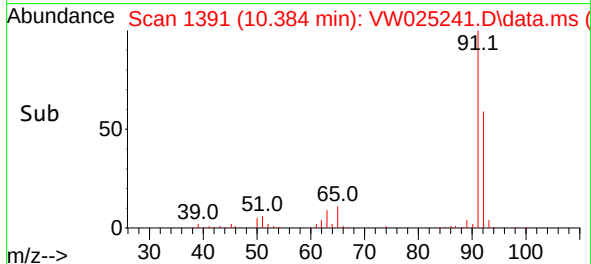
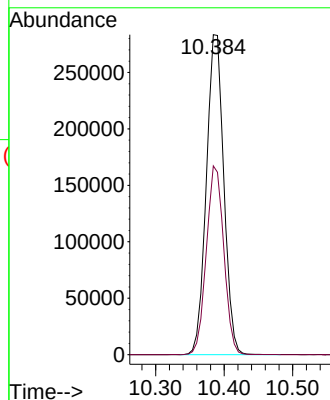
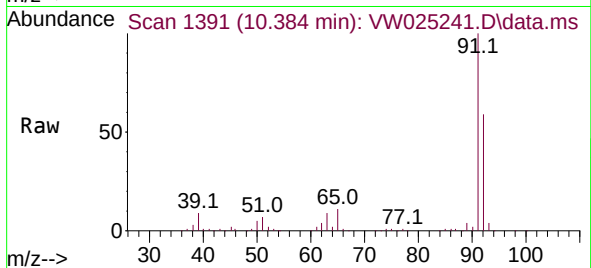
VSTD025525

Tgt Ion: 91 Resp: 502903

Ion Ratio Lower Upper

91 100

92 59.0 42.6 79.2



#44

trans-1,3-Dichloropropene

Concen: 22.207 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025241.D

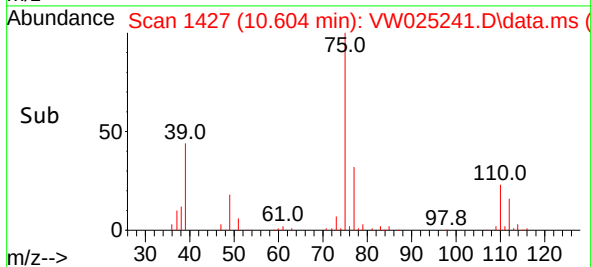
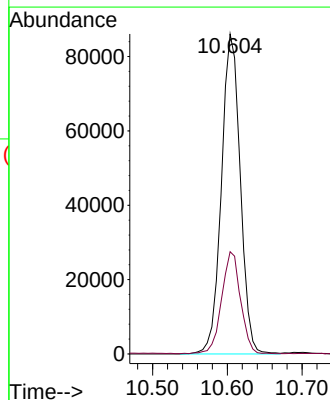
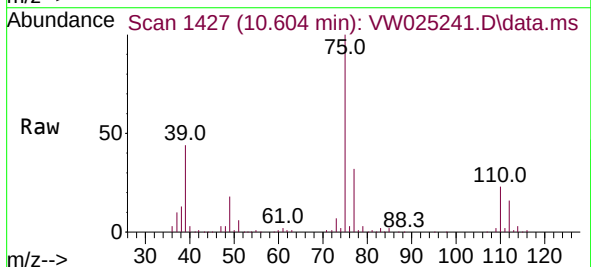
Acq: 26 Jan 2023 15:15

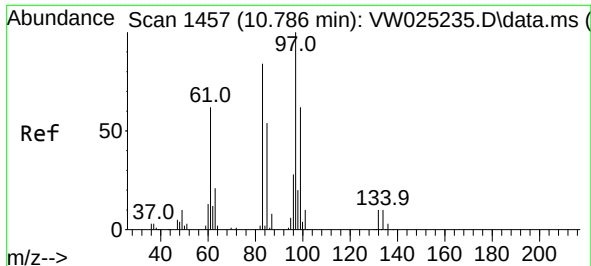
Tgt Ion: 75 Resp: 151313

Ion Ratio Lower Upper

75 100

77 32.0 21.3 39.6

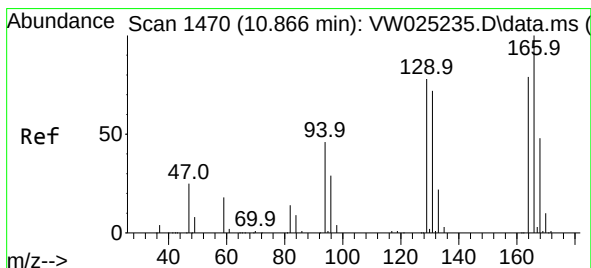
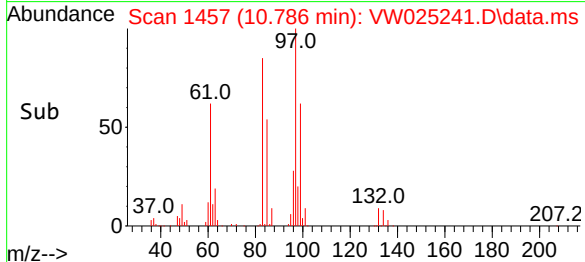
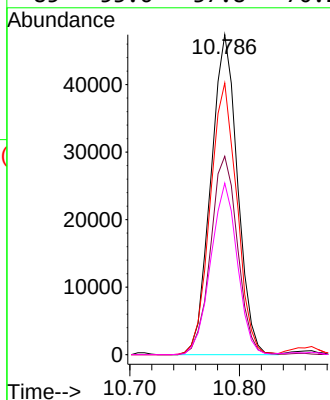
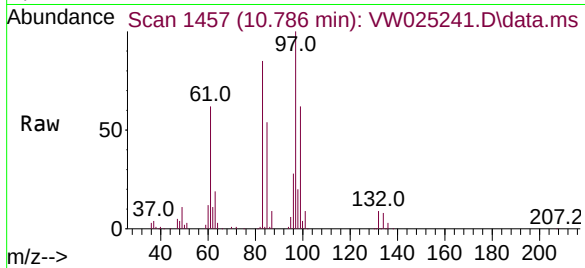




#45
1,1,2-Trichloroethane
Concen: 22.147 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

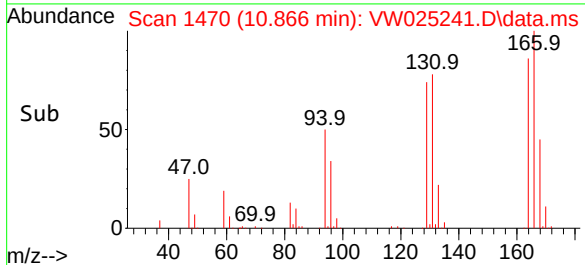
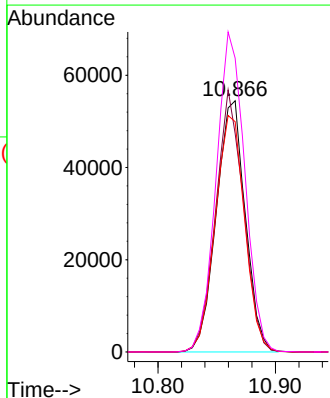
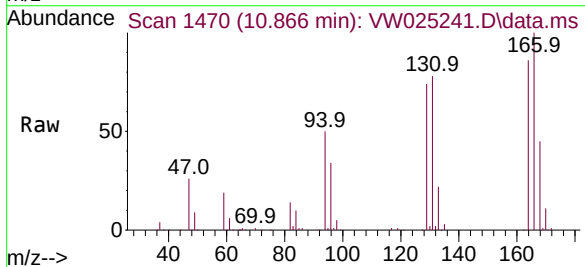
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

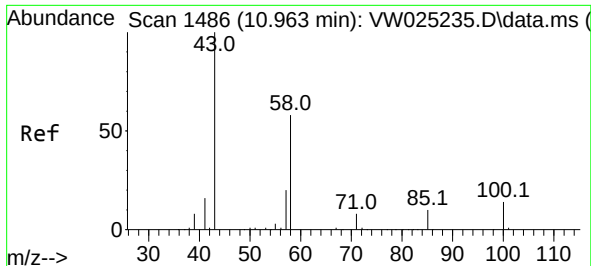
Tgt Ion: 97	Resp: 80212
Ion Ratio	Lower Upper
97 100	
99 62.0	41.1 76.3
83 84.9	58.6 108.8
85 53.6	37.8 70.2



#46
Tetrachloroethene
Concen: 23.055 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt	Ion:164	Resp:	93796
Ion	Ratio	Lower	Upper
164	100		
129	86.9	72.8	135.2
131	91.6	72.2	134.2
166	116.9	95.5	177.3

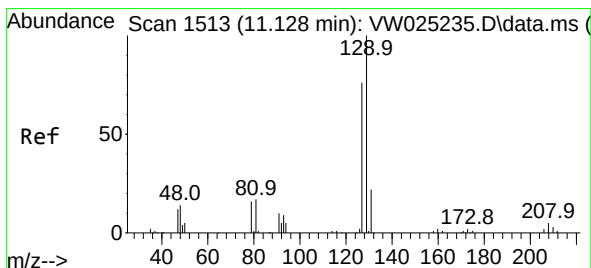
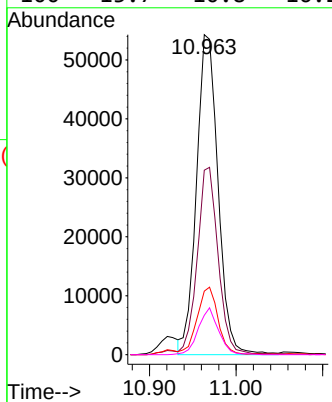
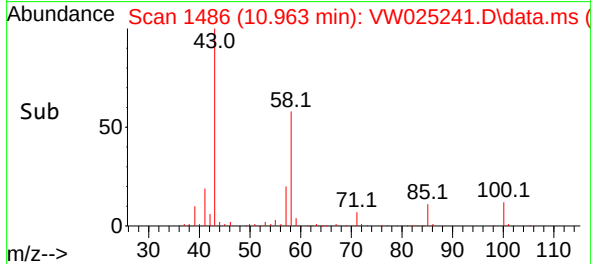
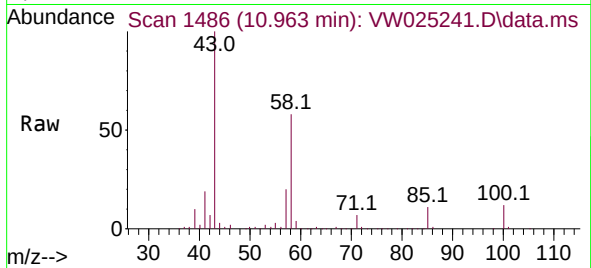




#48
2-Hexanone
Concen: 45.075 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

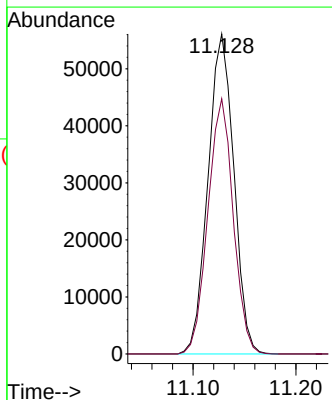
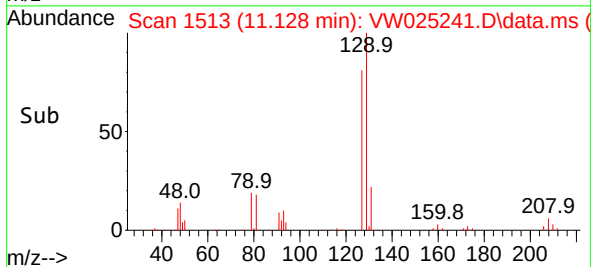
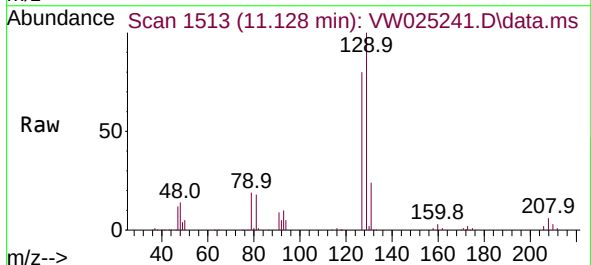
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

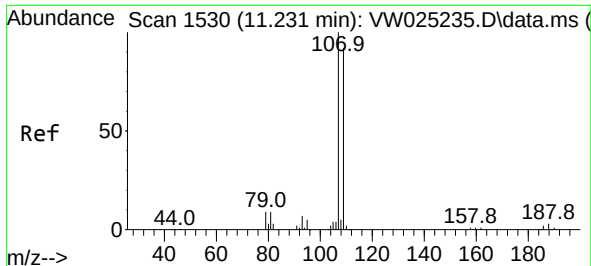
Tgt Ion:	43	Resp:	94197
Ion	Ratio	Lower	Upper
43	100		
58	55.8	45.8	68.6
57	20.4	16.2	24.4
100	13.7	10.8	16.2



#49
Dibromochloromethane
Concen: 23.205 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion:	129	Resp:	98081
Ion	Ratio	Lower	Upper
129	100		
127	79.8	50.4	93.6





#50

1,2-Dibromoethane

Concen: 21.774 ug/L

RT: 11.232 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

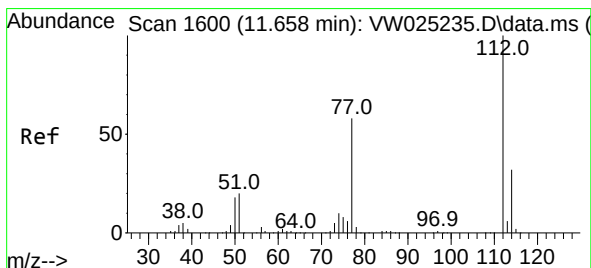
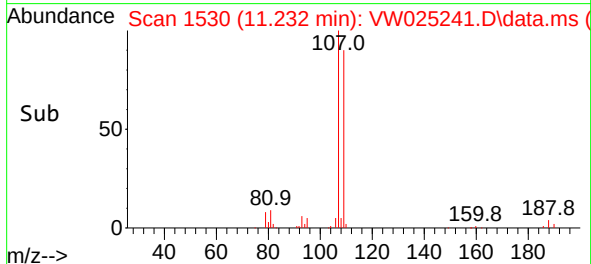
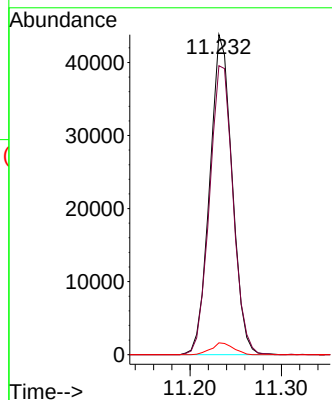
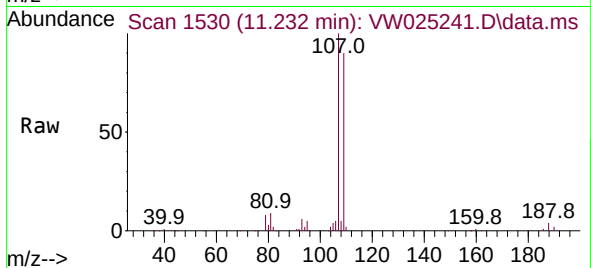
Tgt Ion:107 Resp: 74602

Ion Ratio Lower Upper

107 100

109 90.3 68.2 126.6

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 22.525 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

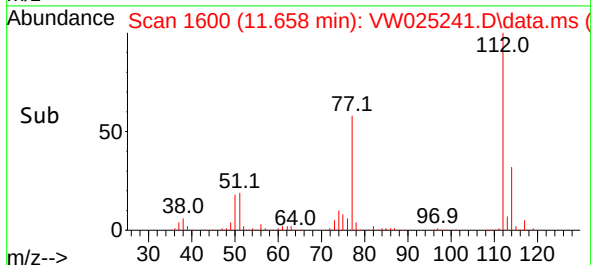
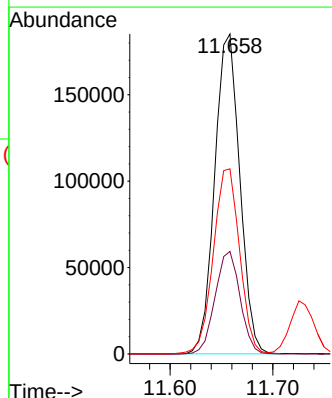
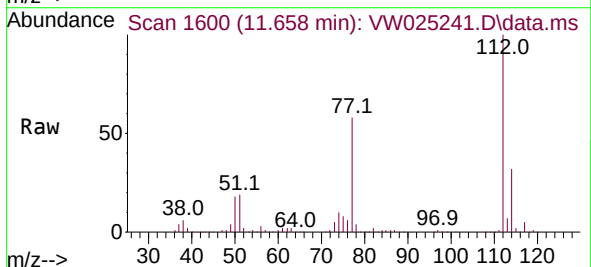
Tgt Ion:112 Resp: 314200

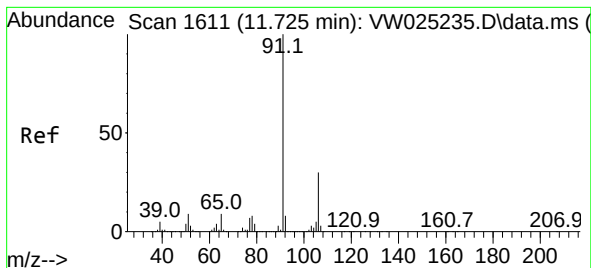
Ion Ratio Lower Upper

112 100

114 32.1 21.1 39.1

77 57.9 46.6 69.8





#52

Ethylbenzene

Concen: 22.876 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

Instrument :

MSVOA_W

ClientSampleId :

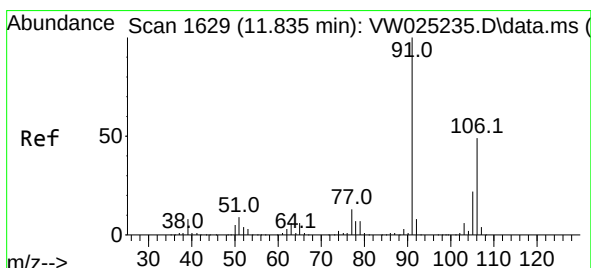
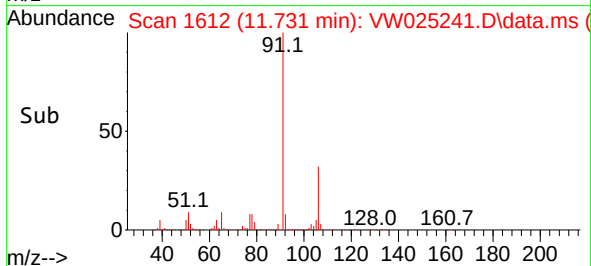
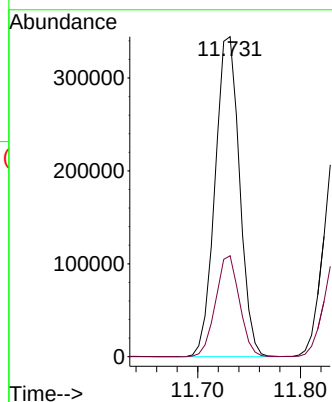
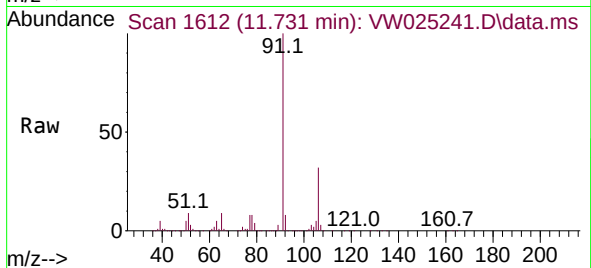
VSTD025525

Tgt Ion: 91 Resp: 569354

Ion Ratio Lower Upper

91 100

106 31.6 22.1 41.1



#53

m,p-Xylene

Concen: 22.535 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW025241.D

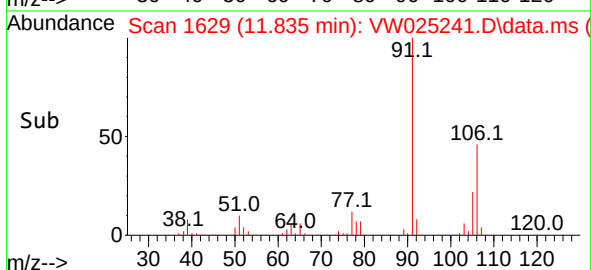
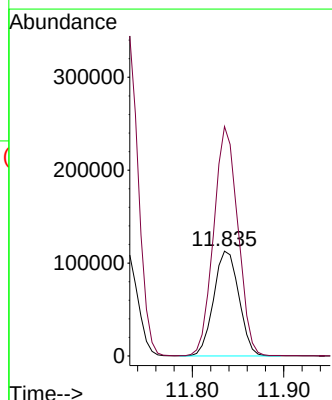
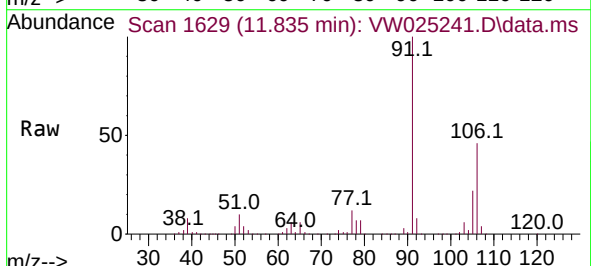
Acq: 26 Jan 2023 15:15

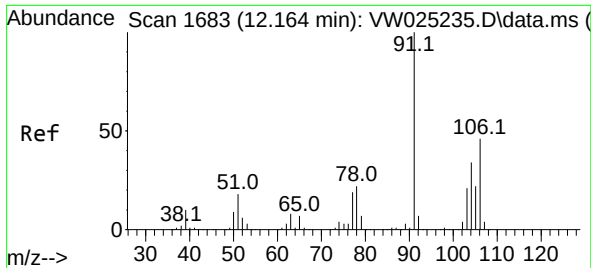
Tgt Ion:106 Resp: 216748

Ion Ratio Lower Upper

106 100

91 219.0 138.5 257.3

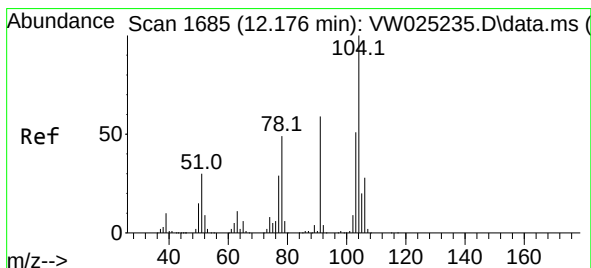
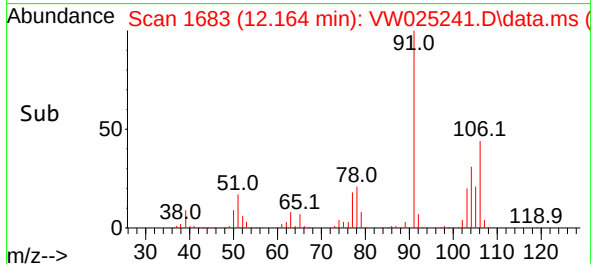
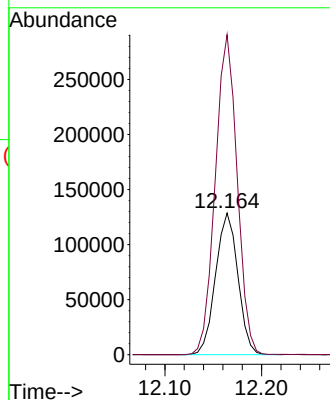
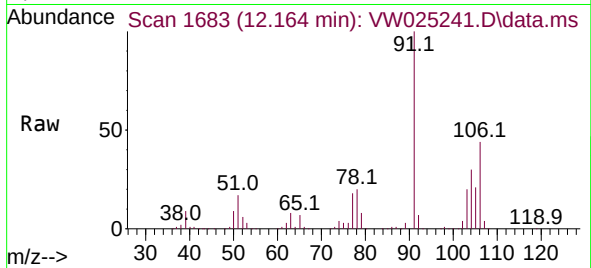




#54
o-Xylene
Concen: 23.274 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

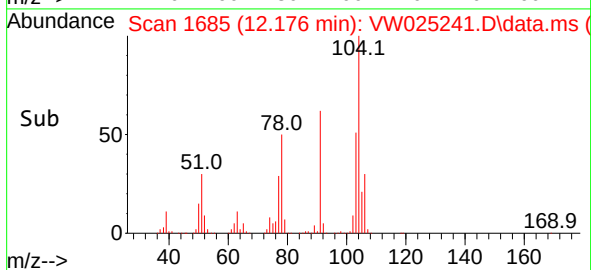
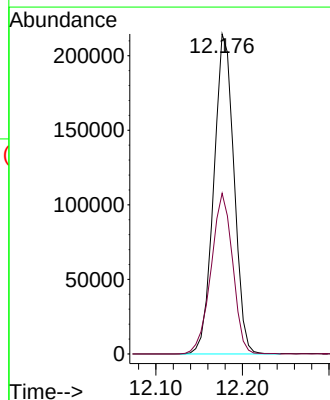
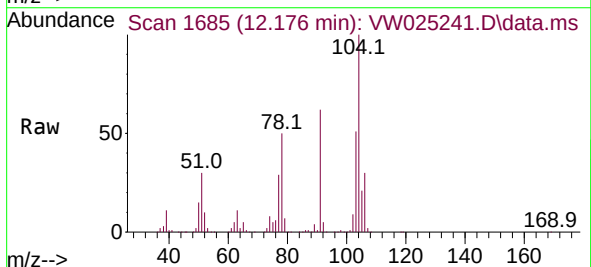
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

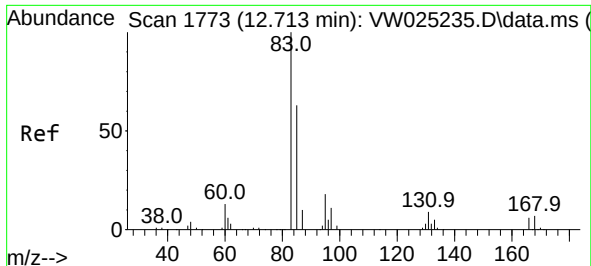
Tgt Ion:106 Resp: 206030
Ion Ratio Lower Upper
106 100
91 225.9 155.3 288.5



#55
Styrene
Concen: 23.174 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion:104 Resp: 348636
Ion Ratio Lower Upper
104 100
78 50.2 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 23.029 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

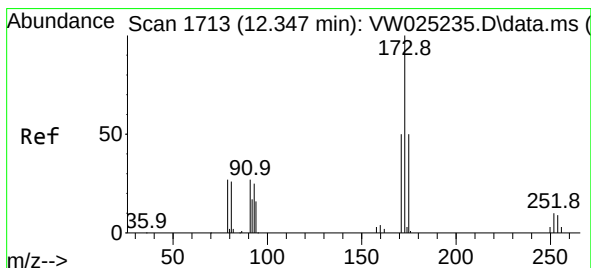
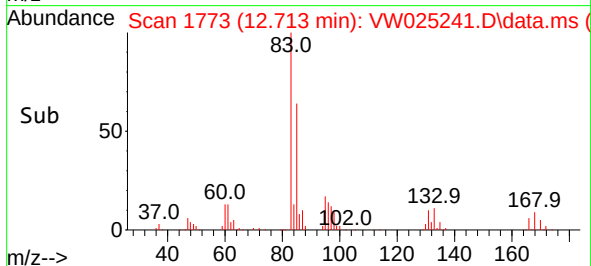
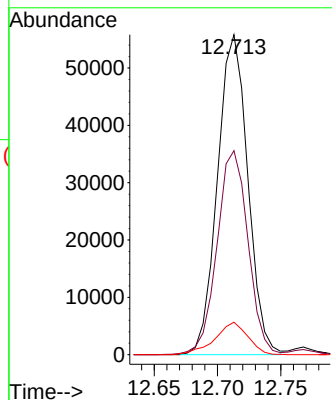
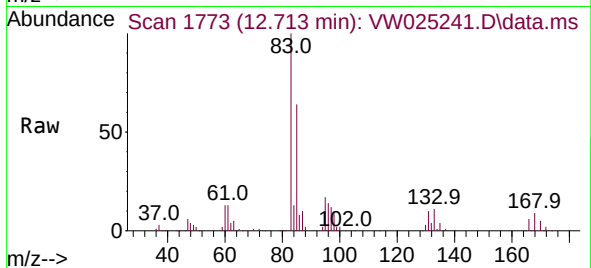
Tgt Ion: 83 Resp: 93004

Ion Ratio Lower Upper

83 100

85 63.8 44.8 83.2

131 10.2 7.4 11.0



#59

Bromoform

Concen: 21.706 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

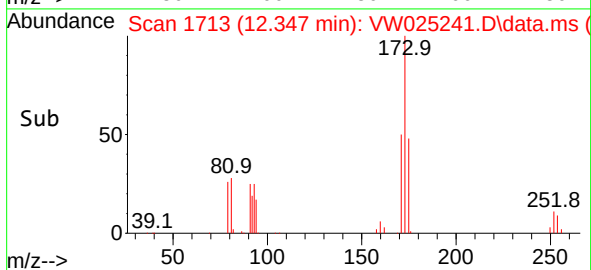
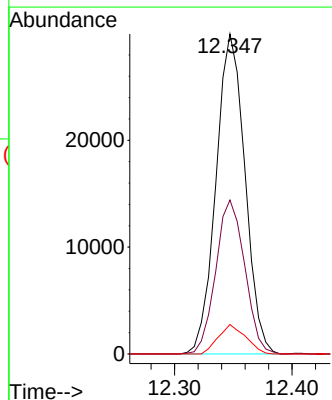
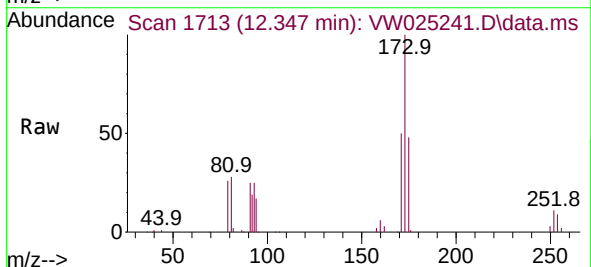
Tgt Ion:173 Resp: 51383

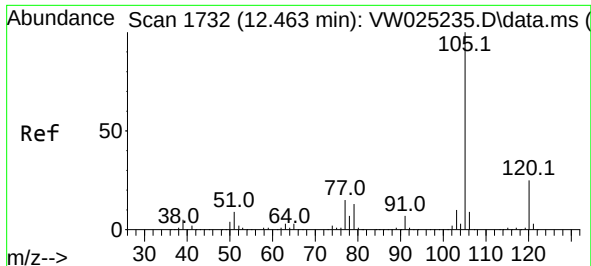
Ion Ratio Lower Upper

173 100

175 48.1 40.7 61.1

254 8.7 6.7 10.1

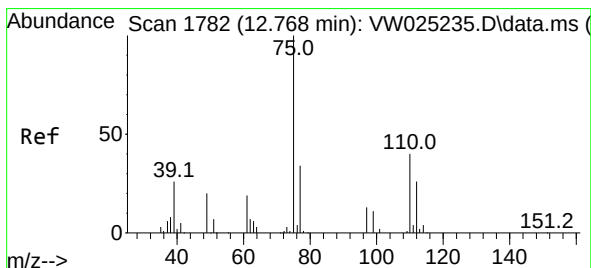
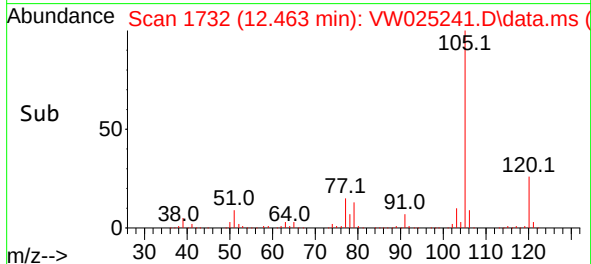
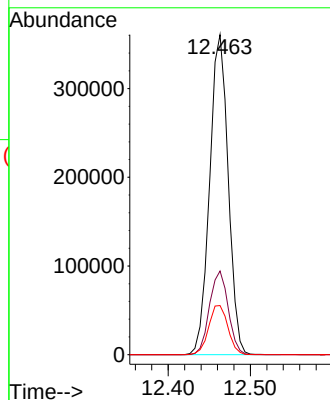
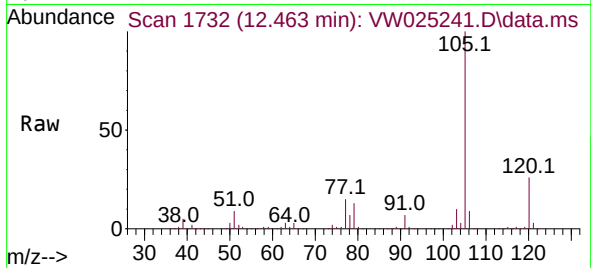




#60
Isopropylbenzene
Concen: 20.910 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

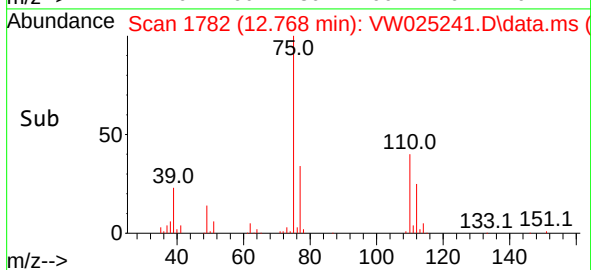
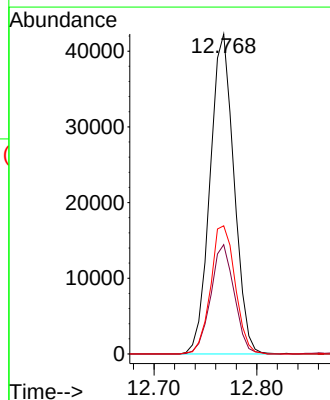
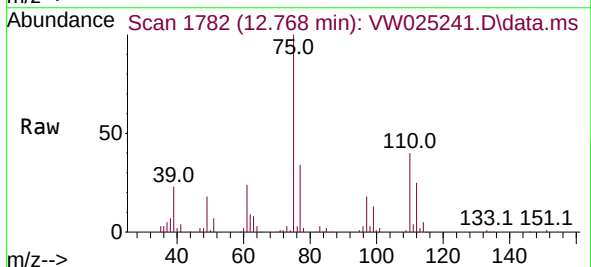
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

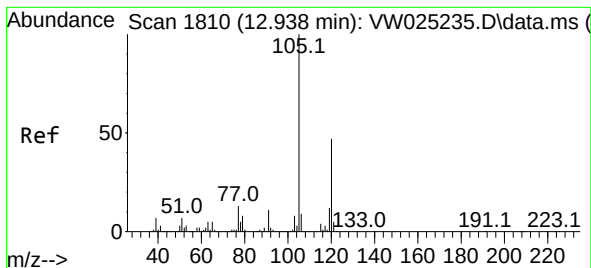
Tgt Ion:105 Resp: 565432
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 16.0 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 20.431 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion: 75 Resp: 68403
Ion Ratio Lower Upper
75 100
77 33.6 25.7 38.5
110 41.1 31.2 46.8

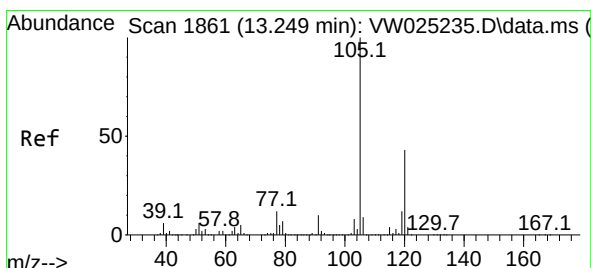
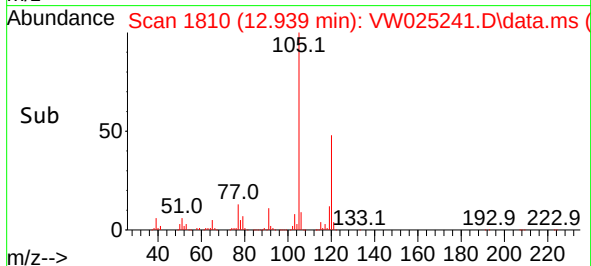
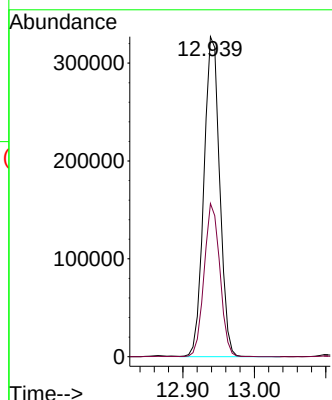
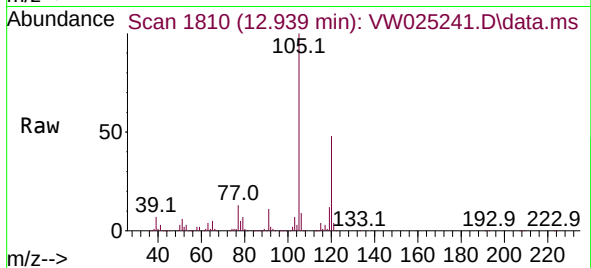




#62
1,3,5-Trimethylbenzene
Concen: 21.929 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

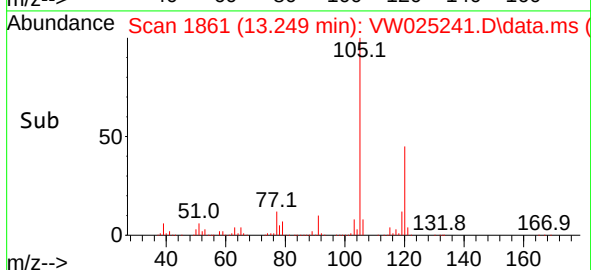
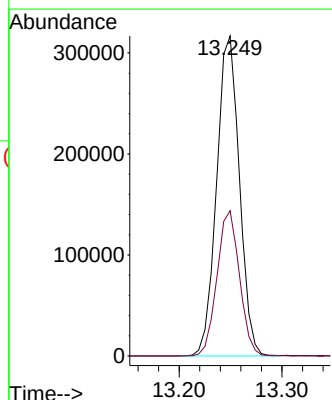
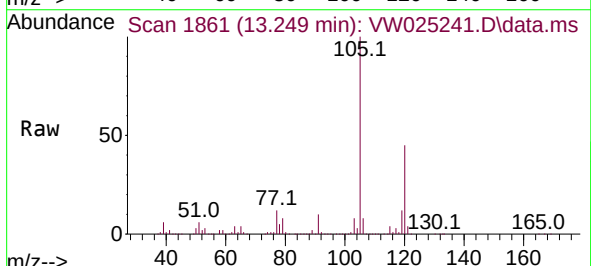
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

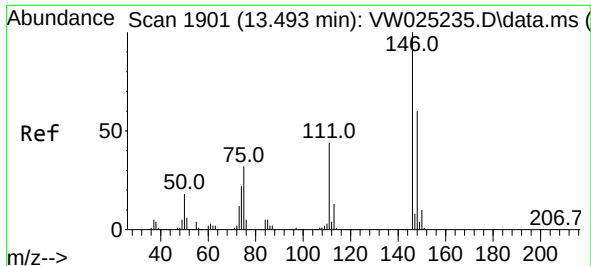
Tgt Ion:105 Resp: 502756
Ion Ratio Lower Upper
105 100
120 47.6 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 21.494 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion:105 Resp: 486105
Ion Ratio Lower Upper
105 100
120 44.7 35.1 52.7

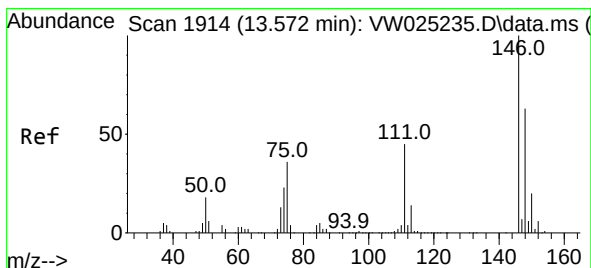
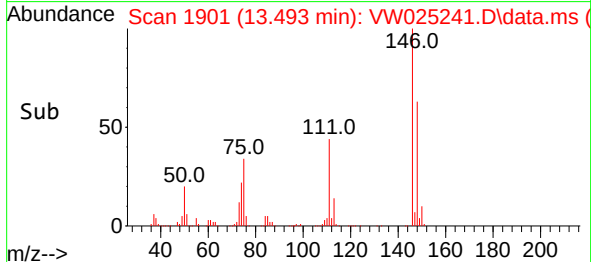
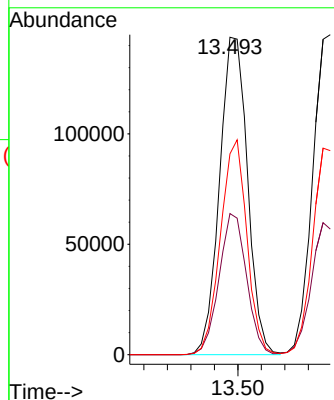
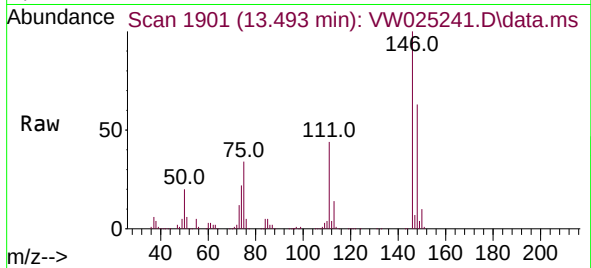




#64
1,3-Dichlorobenzene
Concen: 21.527 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

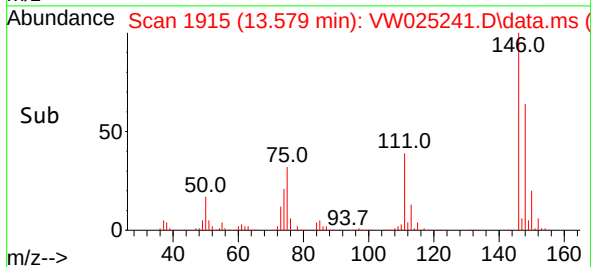
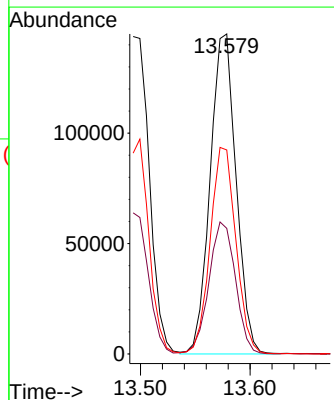
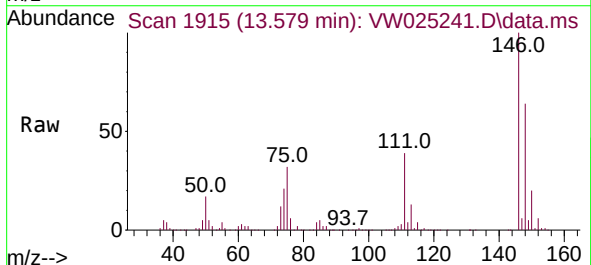
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

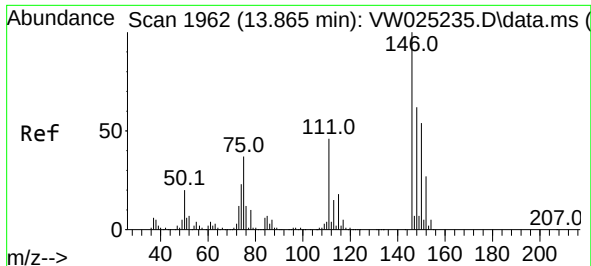
Tgt Ion:146 Resp: 237941
Ion Ratio Lower Upper
146 100
111 44.4 28.3 52.7
148 63.3 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 21.793 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion:146 Resp: 238713
Ion Ratio Lower Upper
146 100
111 39.2 27.4 51.0
148 63.8 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 22.193 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

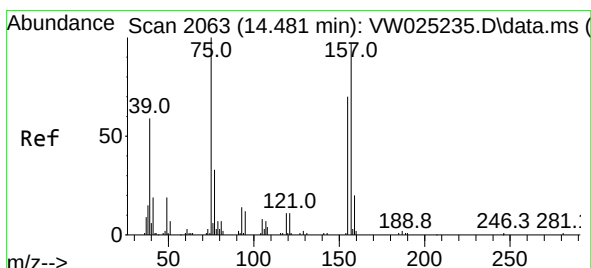
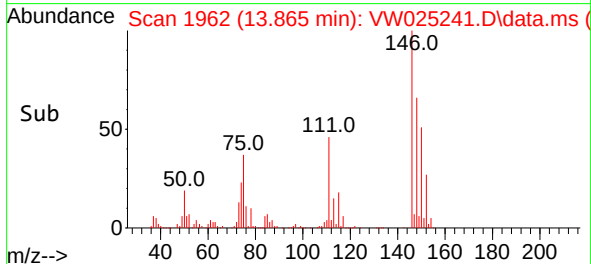
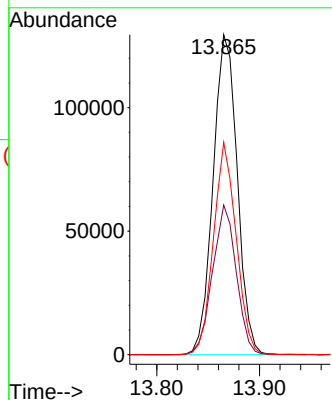
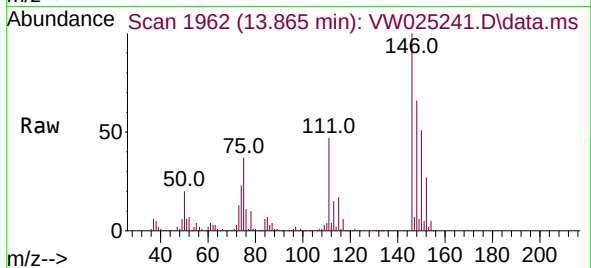
Tgt Ion:146 Resp: 211709

Ion Ratio Lower Upper

146 100

111 46.8 36.1 54.1

148 66.3 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 21.476 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

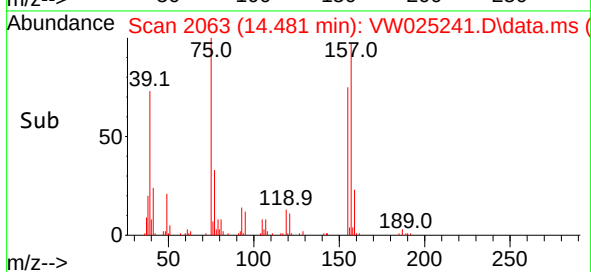
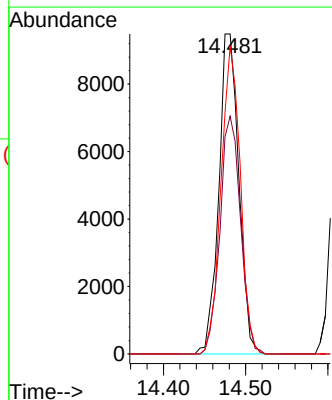
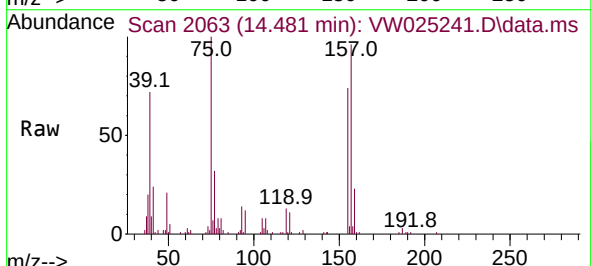
Tgt Ion: 75 Resp: 16105

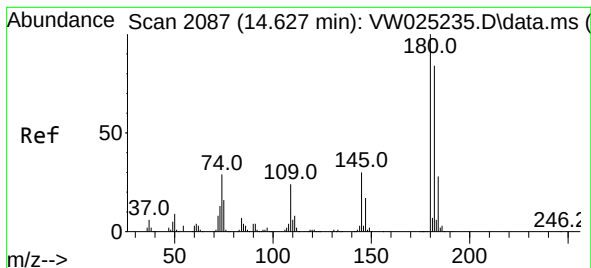
Ion Ratio Lower Upper

75 100

155 74.3 62.3 93.5

157 96.2 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 21.078 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

Tgt Ion:180 Resp: 165986

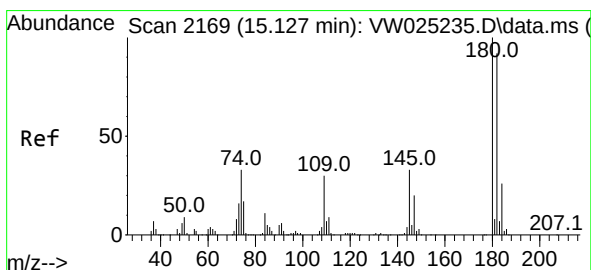
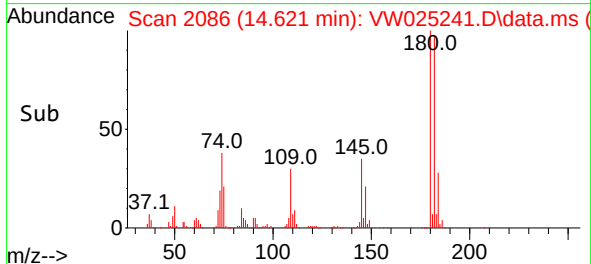
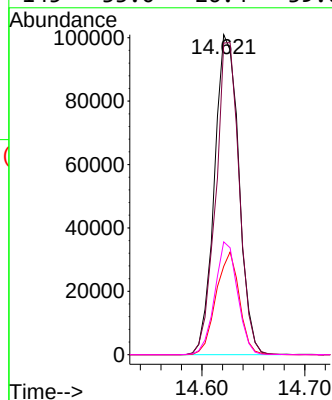
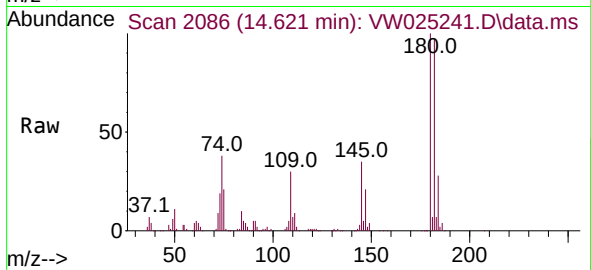
Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

184 30.6 23.3 34.9

145 33.0 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 20.348 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025241.D

Acq: 26 Jan 2023 15:15

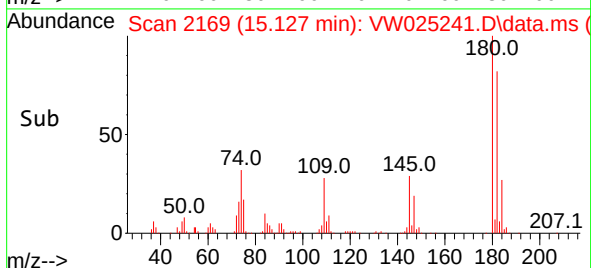
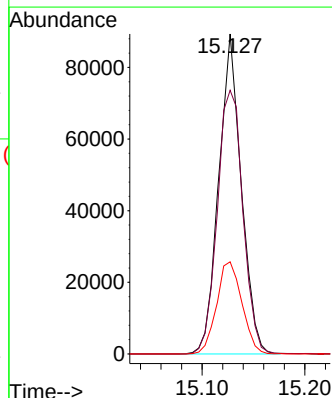
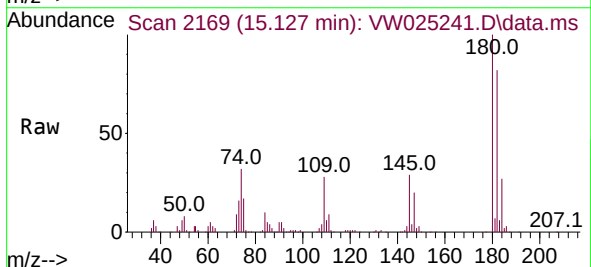
Tgt Ion:180 Resp: 136068

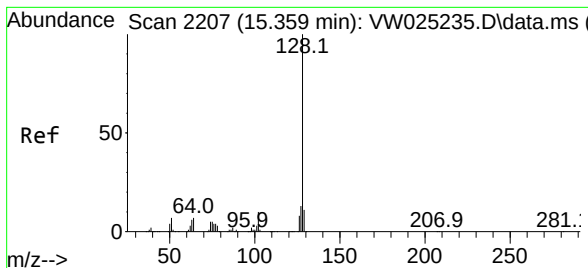
Ion Ratio Lower Upper

180 100

182 93.7 72.5 108.7

145 32.2 27.0 40.4

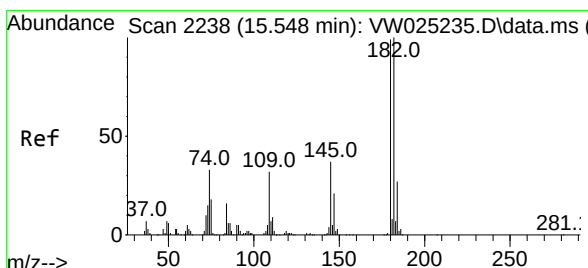
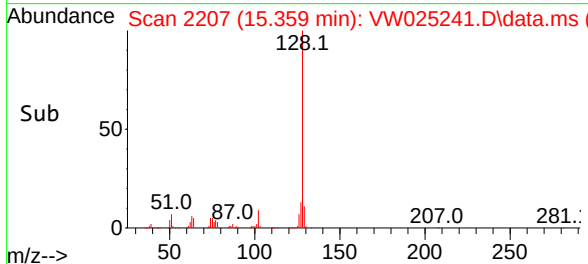
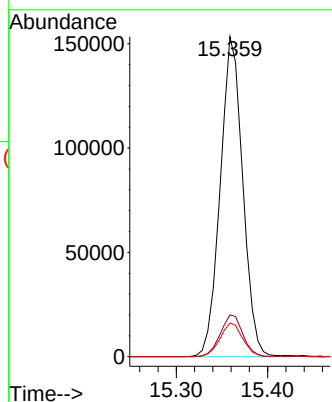
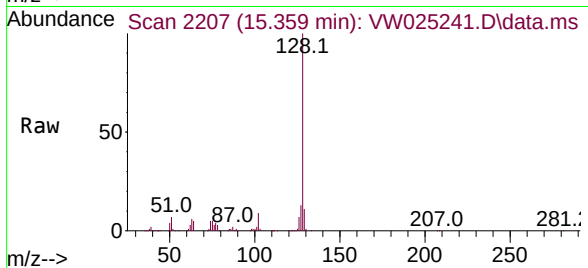




#71
Naphthalene
Concen: 20.039 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

Tgt Ion:128 Resp: 262625
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.6 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 20.514 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW025241.D
Acq: 26 Jan 2023 15:15

Tgt Ion:180 Resp: 117669
Ion Ratio Lower Upper
180 100
182 97.3 76.5 114.7
145 35.8 28.6 42.8

