

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100522\
 Data File : VW024745.D
 Acq On : 05 Oct 2022 18:48
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 4.69g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025585

Quant Time: Oct 06 01:40:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 06 01:37:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	563823	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	511283	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	252908	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	131091	22.222	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.880%
7) Chloroethane-d5	2.891	69	73329	21.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.560%
11) 1,1-Dichloroethene-d2	4.025	63	300443	22.005	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.000%
21) 2-Butanone-d5	7.080	46	100947	47.597	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.200%
24) Chloroform-d	7.653	84	355211	23.566	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.280%
26) 1,2-Dichloroethane-d4	8.305	65	180475	23.081	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.320%
32) Benzene-d6	8.275	84	705038	21.574	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.280%
36) 1,2-Dichloropropane-d6	9.274	67	223565	22.391	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	10.323	98	606190	20.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	10.579	79	81267	18.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.120%
47) 2-Hexanone-d5	10.921	63	77897	45.598	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	175909	24.726	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	200182	22.494	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	37897	10.948	ug/L	92
3) Chloromethane	2.221	50	122643	18.194	ug/L	98
5) Vinyl chloride	2.367	62	196107	28.294	ug/L	100
6) Bromomethane	2.782	94	86251	26.964	ug/L	98
8) Chloroethane	2.928	64	69547	23.801	ug/L	100
9) Trichlorofluoromethane	3.257	101	98059	25.289	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	192593	26.042	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	182817	24.786	ug/L	95
13) Acetone	4.129	43	64980	41.993	ug/L	93
14) Carbon disulfide	4.391	76	573796	24.643	ug/L	100
15) Methyl Acetate	4.672	43	82330	24.028	ug/L	99
16) Methylene chloride	4.928	84	204060	18.429	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	203986	24.614	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	314091	23.903	ug/L	100
19) 1,1-Dichloroethane	6.220	63	382135	24.646	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	221879	24.952	ug/L	98
22) 2-Butanone	7.171	43	106252	42.929	ug/L	99
23) Bromochloromethane	7.513	128	88544	24.500	ug/L	97
25) Chloroform	7.677	83	373327	25.392	ug/L	98

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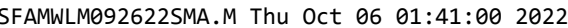
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025585

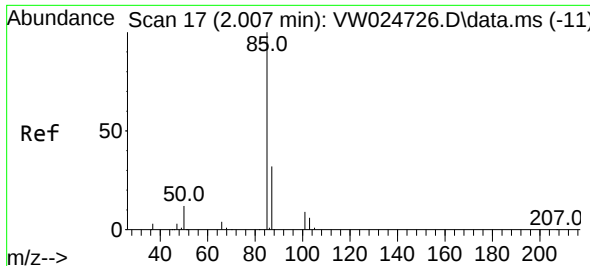
Quant Time: Oct 06 01:40:53 2022
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 Quant Title : SFAM01.0
 QLast Update : Thu Oct 06 01:37:00 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	233651	25.255	ug/L	100
29) Cyclohexane	7.958	56	367247	23.061	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	293015	23.684	ug/L	99
31) Carbon tetrachloride	8.073	117	246693	23.546	ug/L	100
33) Benzene	8.323	78	859224	24.011	ug/L	100
34) Trichloroethene	9.092	95	219814	24.235	ug/L	96
35) Methylcyclohexane	9.335	83	391426	23.542	ug/L	99
37) 1,2-Dichloropropane	9.366	63	218279	24.708	ug/L	99
38) Bromodichloromethane	9.646	83	261079	24.025	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	317305	22.713	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	242033	46.285	ug/L	98
42) Toluene	10.384	91	896524	24.260	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	260721	21.767	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	149816	24.827	ug/L	99
46) Tetrachloroethene	10.860	164	150601	24.438	ug/L	92
48) 2-Hexanone	10.969	43	159010	44.969	ug/L	97
49) Dibromochloromethane	11.128	129	162057	23.849	ug/L	99
50) 1,2-Dibromoethane	11.238	107	136006	23.812	ug/L	100
51) Chlorobenzene	11.658	112	553254	24.451	ug/L	98
52) Ethylbenzene	11.731	91	1005742	24.708	ug/L	99
53) m,p-Xylene	11.835	106	384460	24.188	ug/L	97
54) o-Xylene	12.164	106	368761	24.568	ug/L	97
55) Styrene	12.176	104	636665	25.161	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	174889	24.753	ug/L	99
59) Bromoform	12.347	173	72678	20.330	ug/L	95
60) Isopropylbenzene	12.463	105	998922	24.234	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	125507	23.038	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	858592	23.965	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	834799	23.785	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	404882	24.178	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	400826	24.588	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	356674	24.453	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	25587	19.861	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	248526	22.352	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	201987	21.624	ug/L	99
71) Naphthalene	15.359	128	428636	21.075	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	176268	22.172	ug/L	95

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

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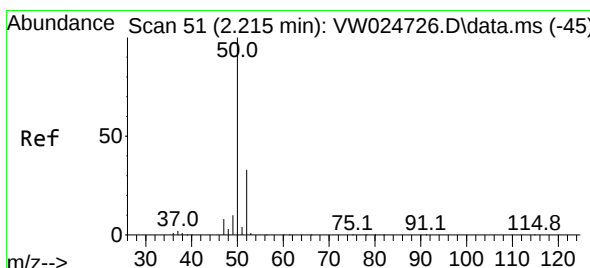
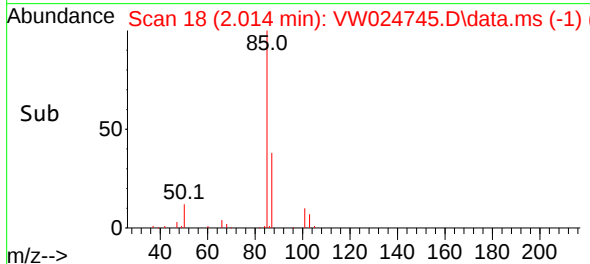
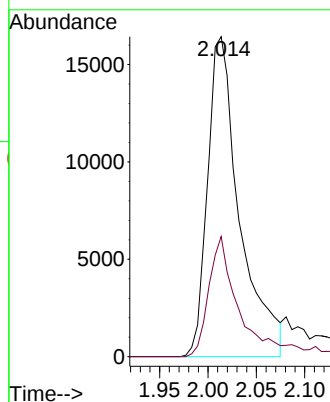
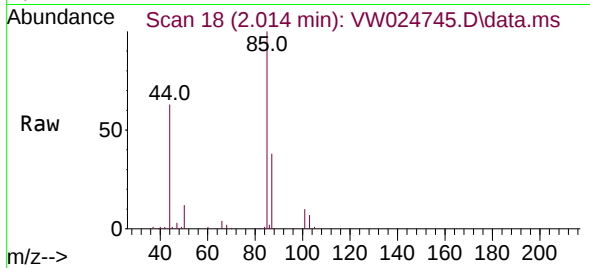




#2
 Dichlorodifluoromethane
 Concen: 10.948 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW024745.D
 Acq: 05 Oct 2022 18:48

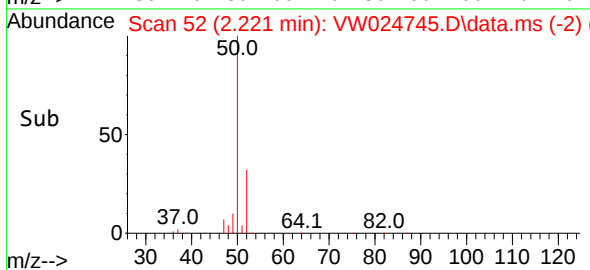
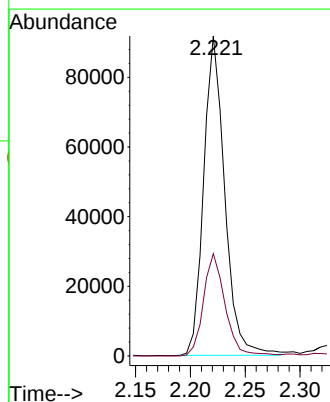
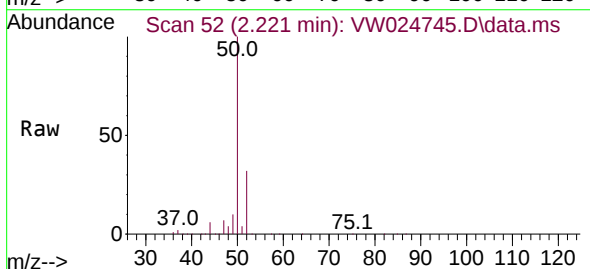
Instrument :
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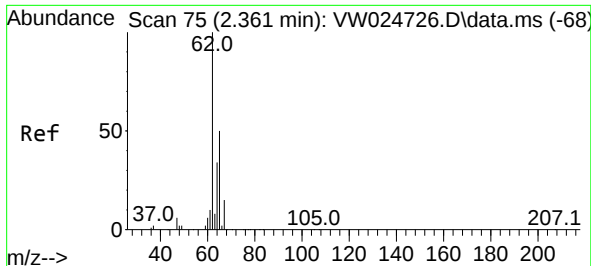
Tgt Ion: 85 Resp: 37897
 Ion Ratio Lower Upper
 85 100
 87 31.3 28.8 43.2



#3
 Chloromethane
 Concen: 18.194 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW024745.D
 Acq: 05 Oct 2022 18:48

Tgt Ion: 50 Resp: 122643
 Ion Ratio Lower Upper
 50 100
 52 31.9 21.7 40.3

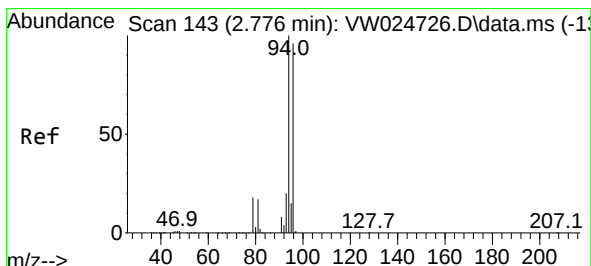
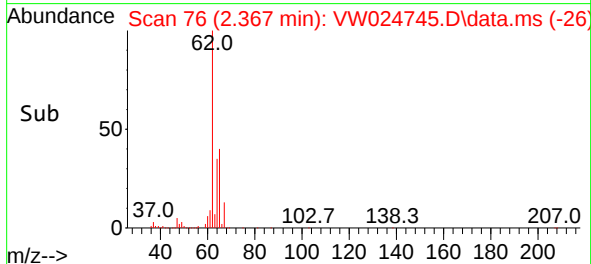
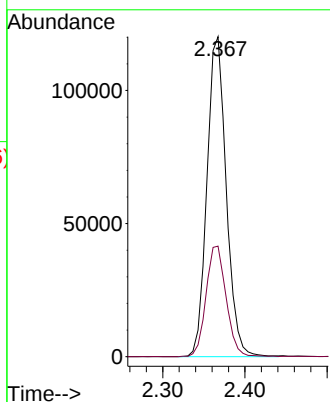
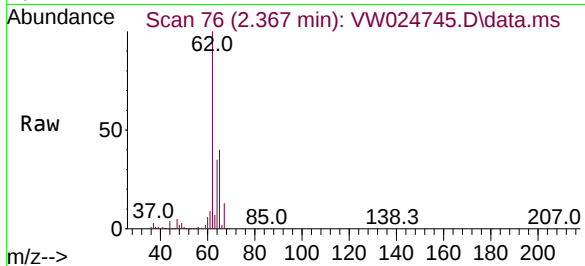




#5
 Vinyl chloride
 Concen: 28.294 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW024745.D
 Acq: 05 Oct 2022 18:48

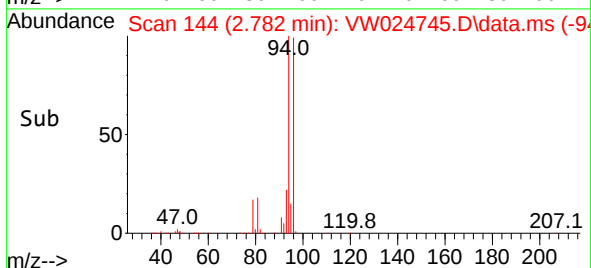
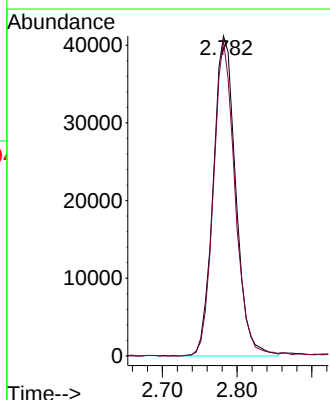
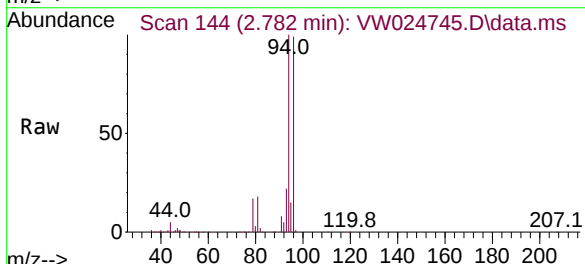
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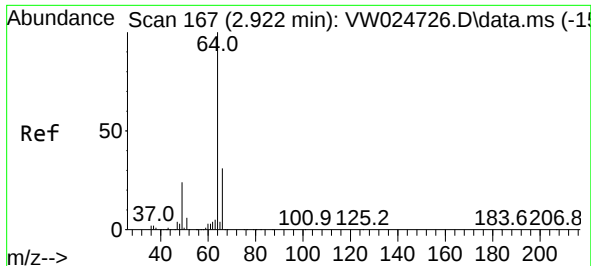
Tgt Ion: 62 Resp: 196107
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.4 45.2



#6
 Bromomethane
 Concen: 26.964 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW024745.D
 Acq: 05 Oct 2022 18:48

Tgt Ion: 94 Resp: 86251
 Ion Ratio Lower Upper
 94 100
 96 98.6 68.0 126.2

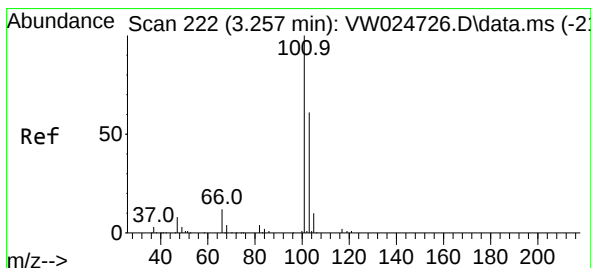
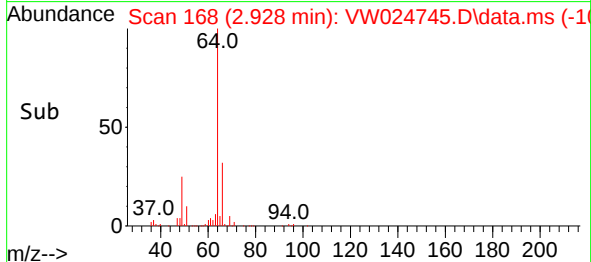
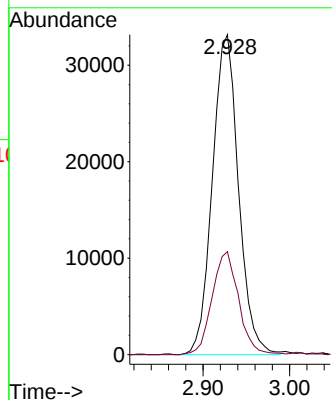
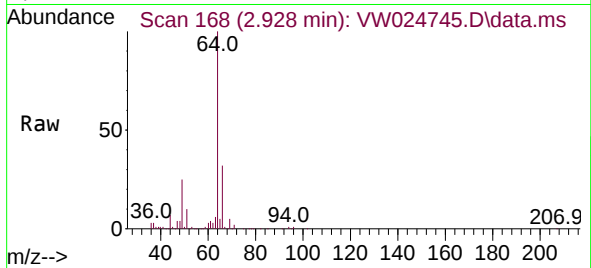




#8
Chloroethane
Concen: 23.801 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

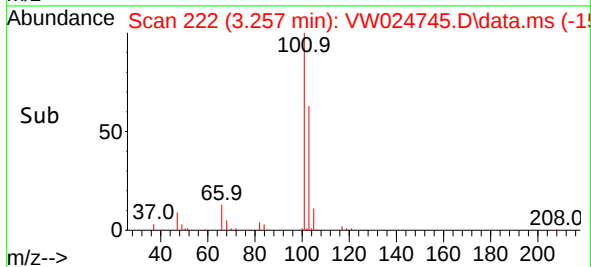
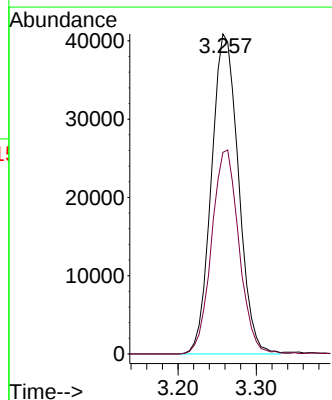
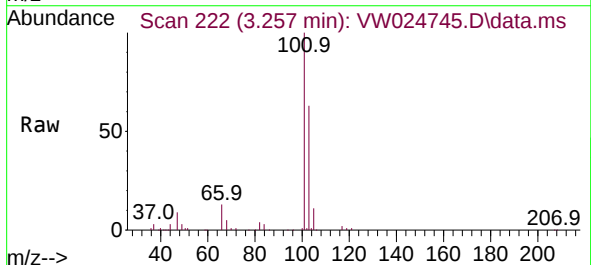
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ClientSampleId :
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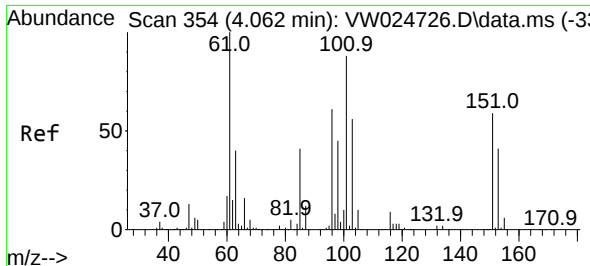
Tgt Ion: 64 Resp: 69547
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 25.289 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion: 101 Resp: 98059
Ion Ratio Lower Upper
101 100
103 64.5 53.4 80.2

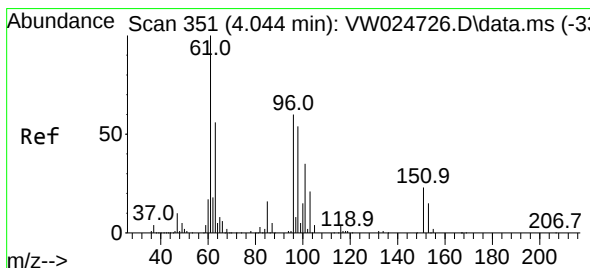
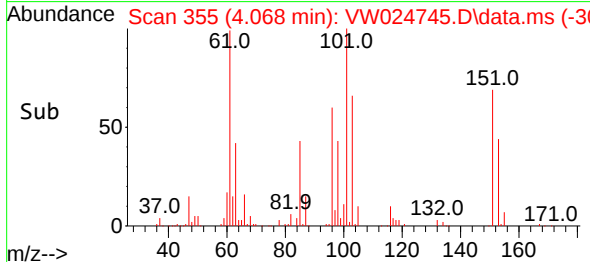
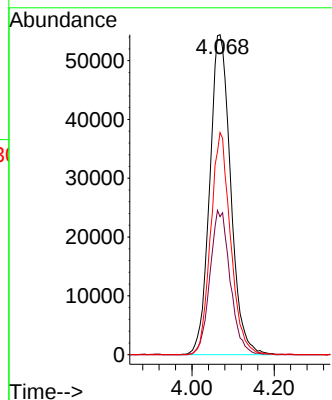
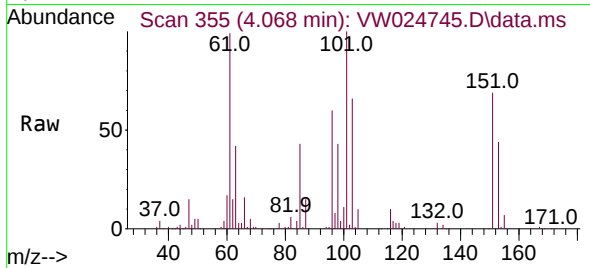




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.042 ug/L
RT: 4.068 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

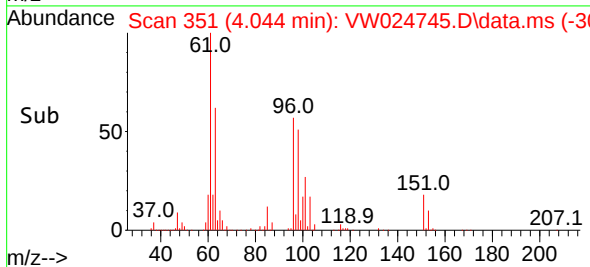
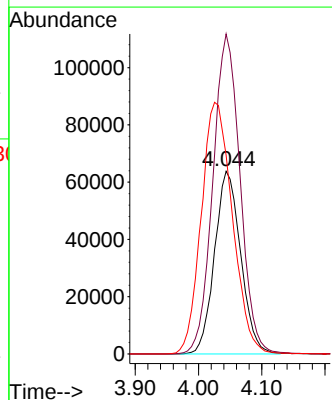
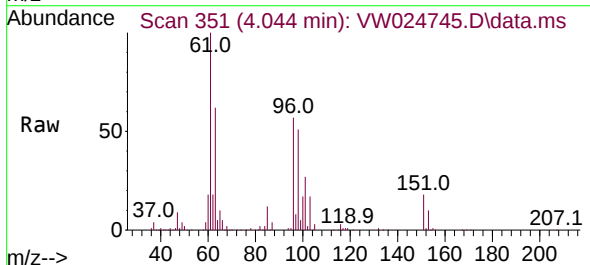
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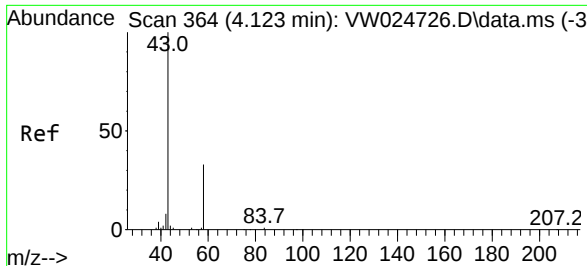
Tgt Ion:101 Resp: 192593
Ion Ratio Lower Upper
101 100
85 43.6 34.9 52.3
151 65.9 30.9 46.3#



#12
1,1-Dichloroethene
Concen: 24.786 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion: 96 Resp: 182817
Ion Ratio Lower Upper
96 100
61 175.1 124.5 231.1
63 108.7 84.1 156.1

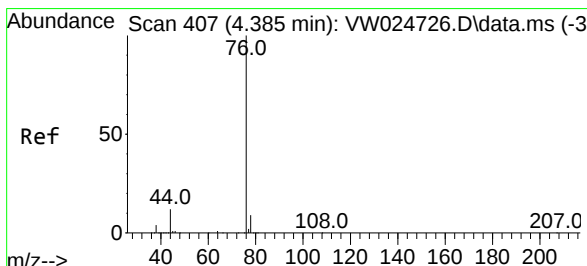
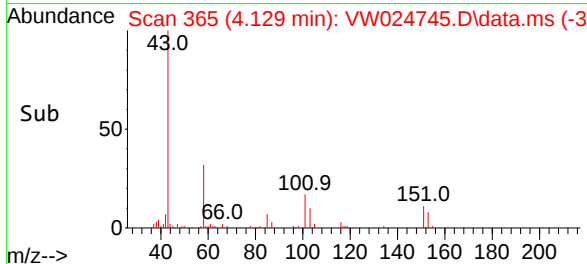
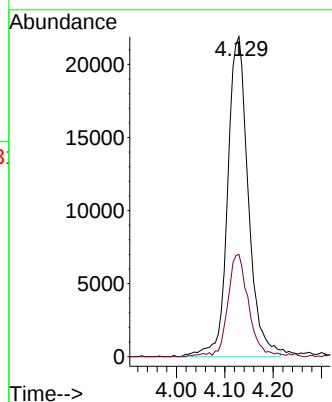
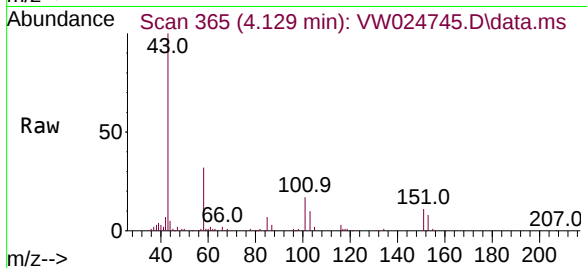




#13
Acetone
Concen: 41.993 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

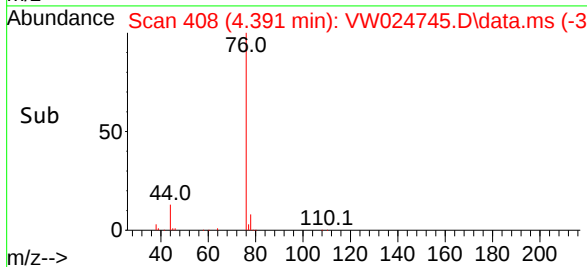
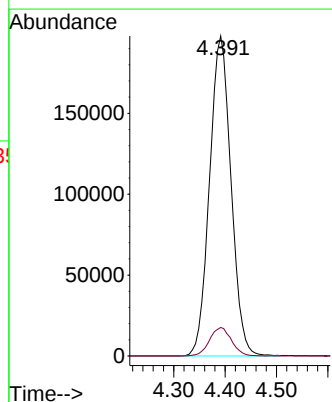
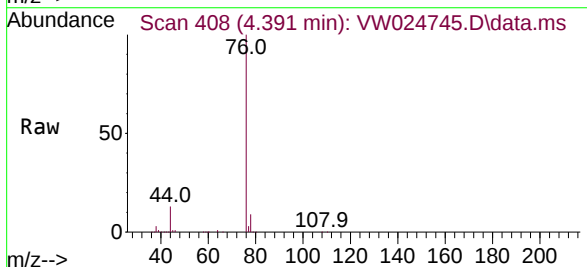
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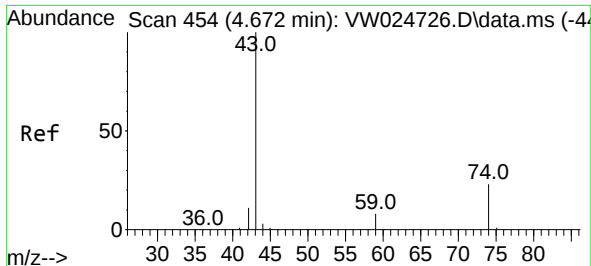
Tgt Ion: 43 Resp: 64980
Ion Ratio Lower Upper
43 100
58 29.8 0.0 67.6



#14
Carbon disulfide
Concen: 24.643 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 573796
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

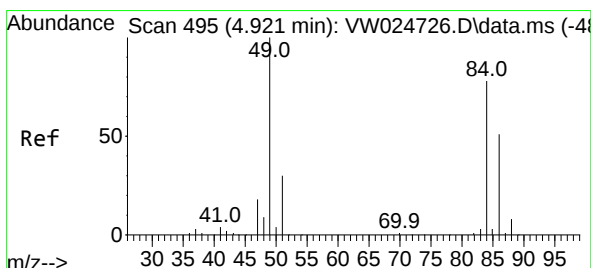
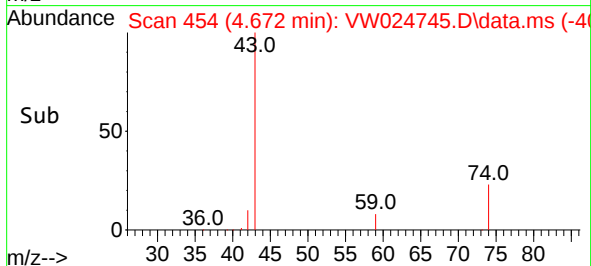
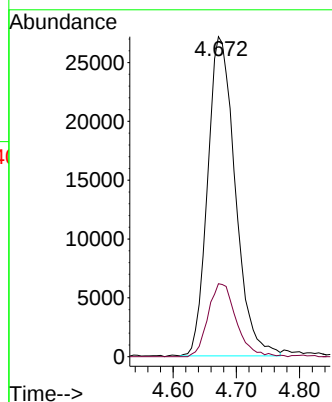
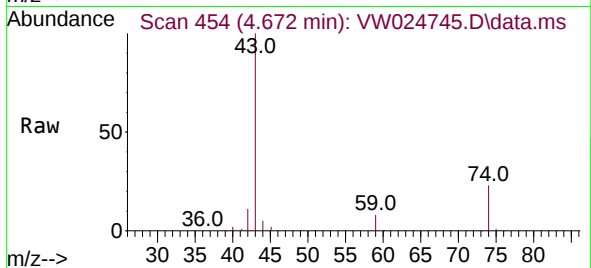




#15
Methyl Acetate
Concen: 24.028 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

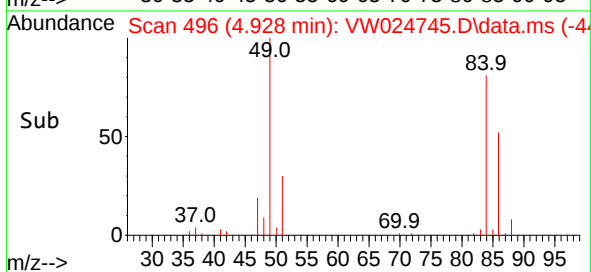
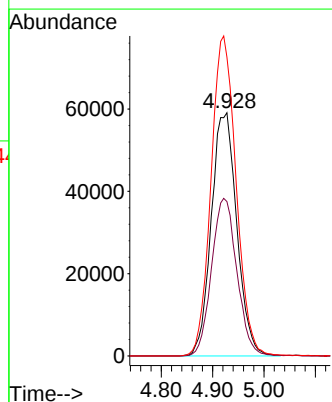
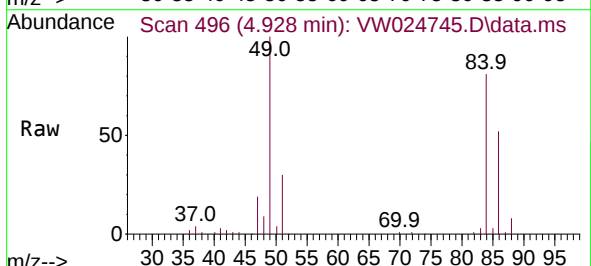
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

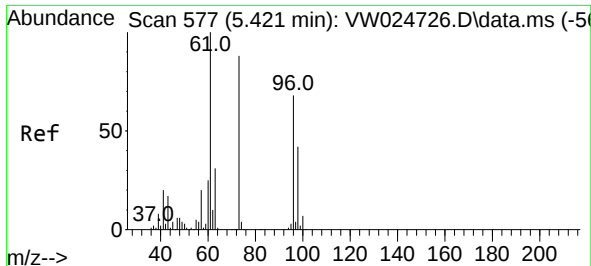
Tgt Ion: 43 Resp: 82330
Ion Ratio Lower Upper
43 100
74 22.9 18.1 27.1



#16
Methylene chloride
Concen: 18.429 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion: 84 Resp: 204060
Ion Ratio Lower Upper
84 100
86 63.5 44.0 81.8
49 123.0 87.4 162.2

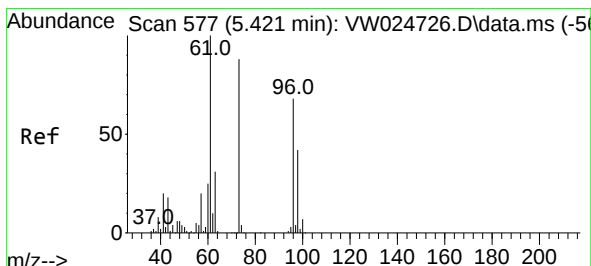
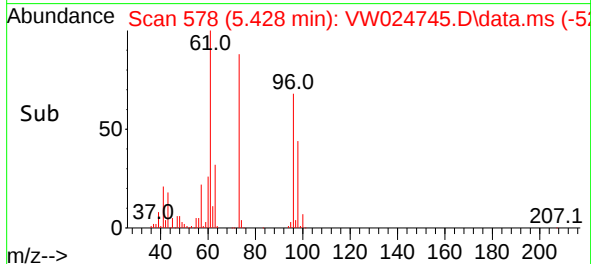
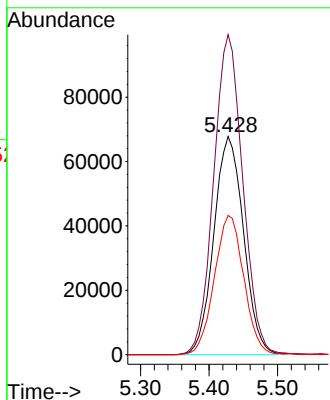
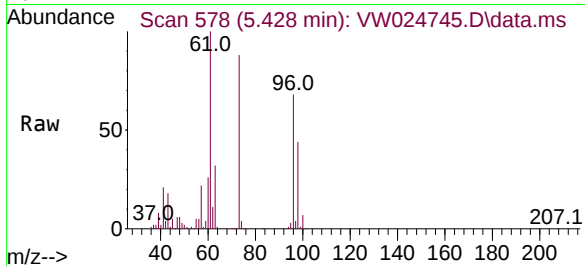




#17
trans-1,2-Dichloroethene
Concen: 24.614 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

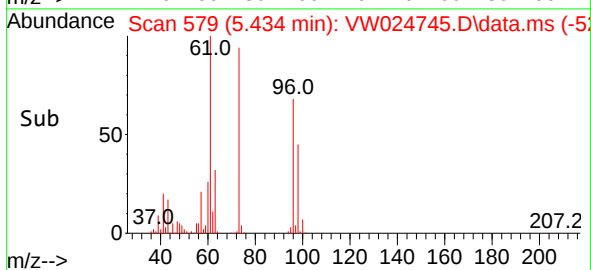
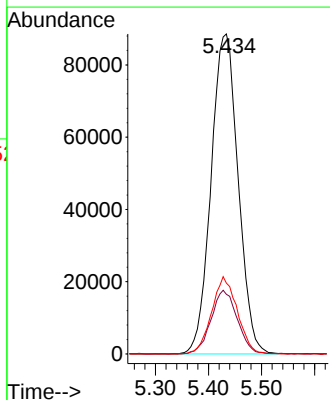
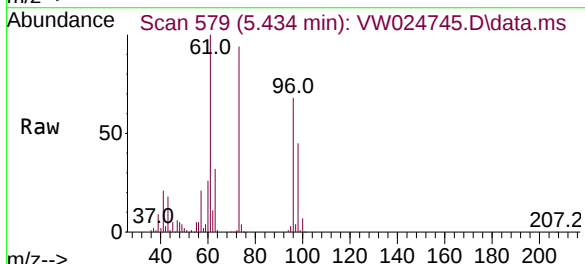
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

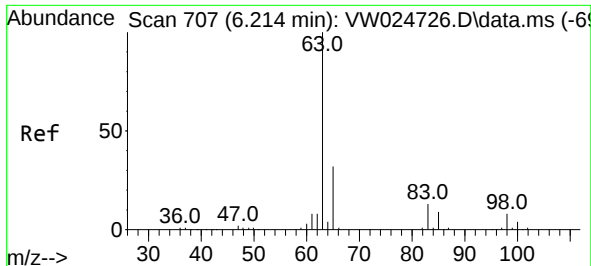
Tgt Ion: 96 Resp: 203986
Ion Ratio Lower Upper
96 100
61 146.6 106.3 197.5
98 63.8 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 23.903 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion: 73 Resp: 314091
Ion Ratio Lower Upper
73 100
43 19.2 15.6 23.4
57 22.8 18.3 27.5





#19

1,1-Dichloroethane

Concen: 24.646 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025585

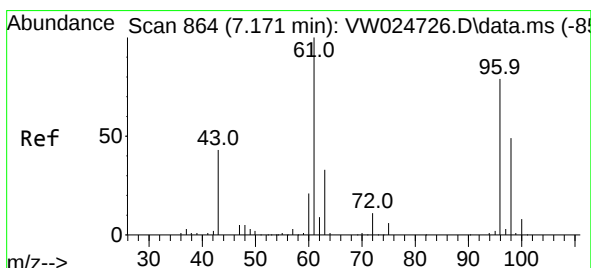
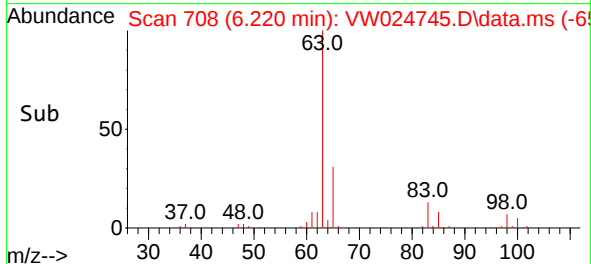
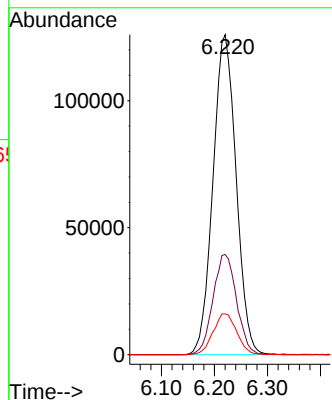
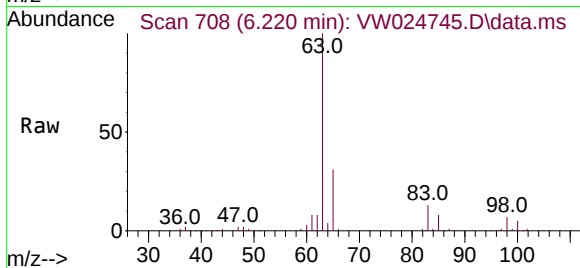
Tgt Ion: 63 Resp: 382135

Ion Ratio Lower Upper

63 100

65 31.3 23.7 43.9

83 12.8 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 24.952 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

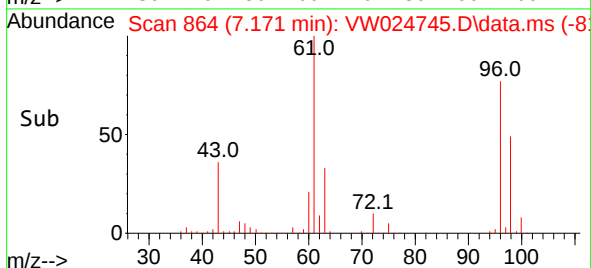
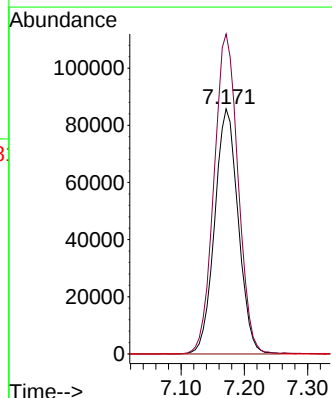
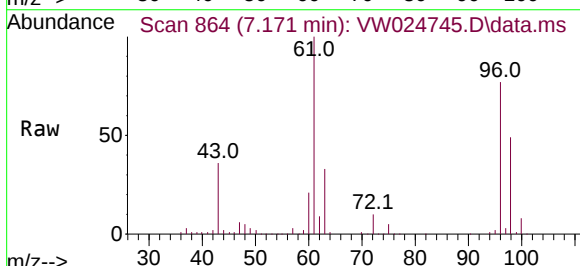
Tgt Ion: 96 Resp: 221879

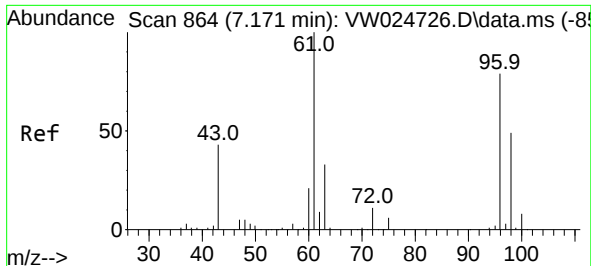
Ion Ratio Lower Upper

96 100

61 130.5 90.2 167.4

68 0.0 0.0 0.0

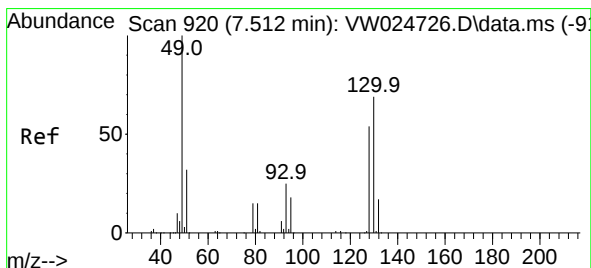
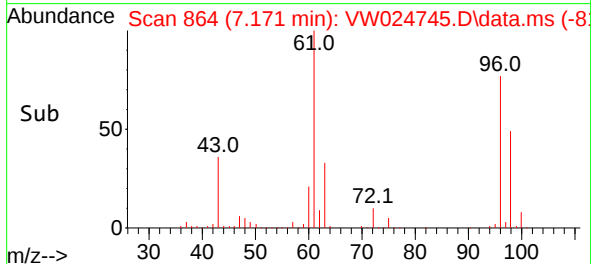
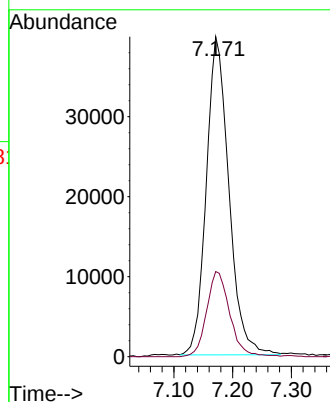
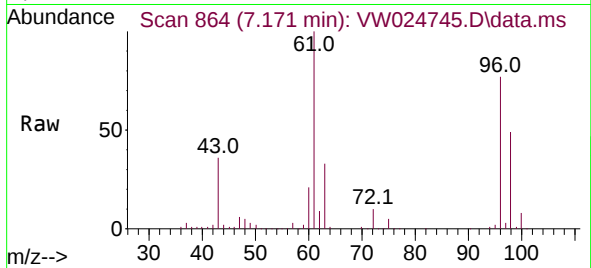




#22
2-Butanone
Concen: 42.929 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

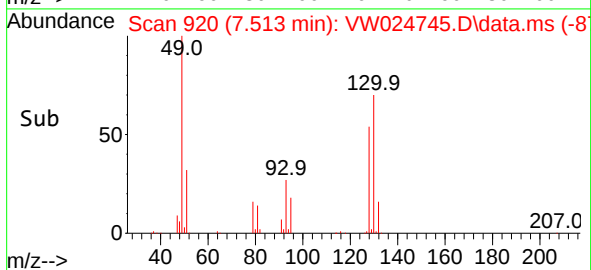
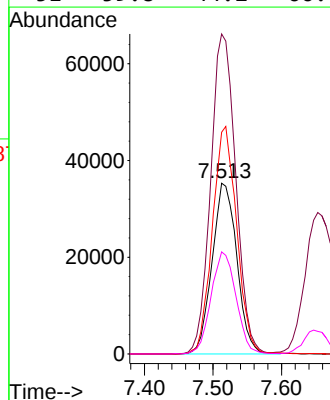
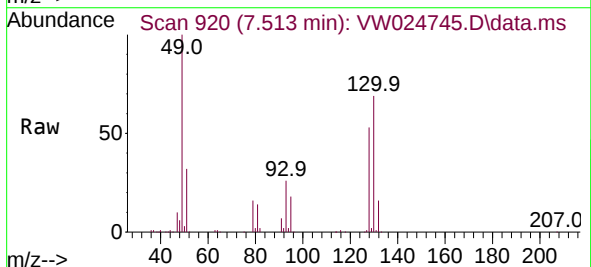
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

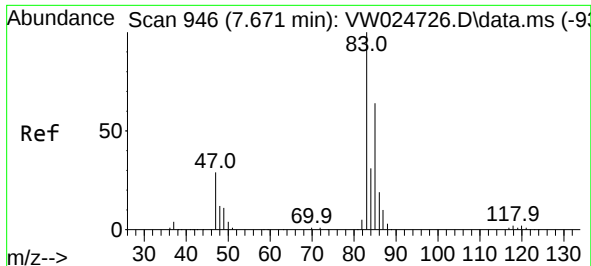
Tgt Ion: 43 Resp: 106252
Ion Ratio Lower Upper
43 100
72 27.2 13.8 41.3



#23
Bromochloromethane
Concen: 24.500 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion: 128 Resp: 88544
Ion Ratio Lower Upper
128 100
49 187.4 127.3 236.3
130 129.8 90.2 167.4
51 59.8 44.2 66.4

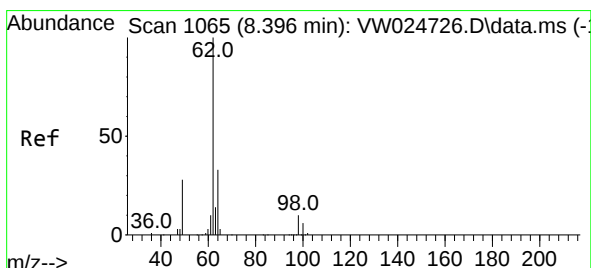
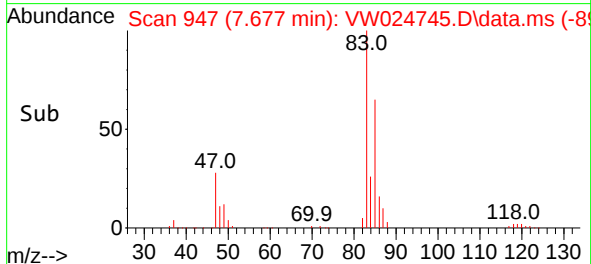
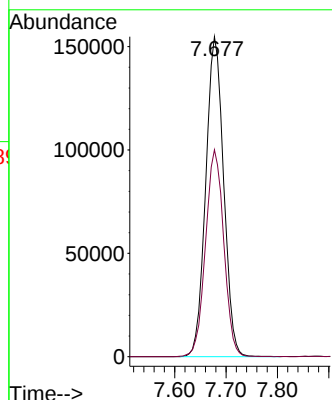
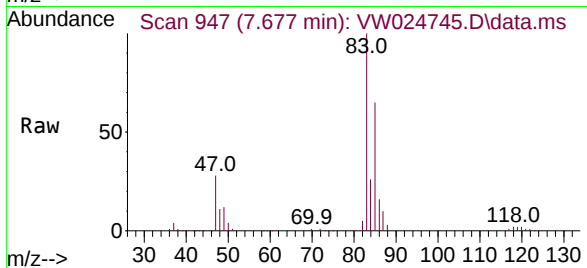




#25
Chloroform
Concen: 25.392 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

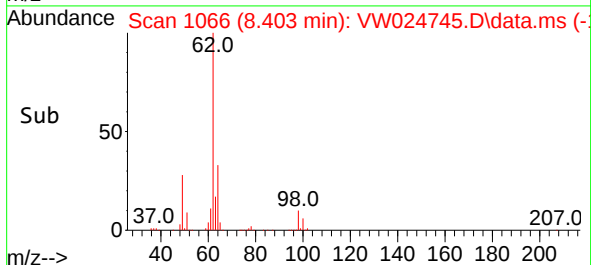
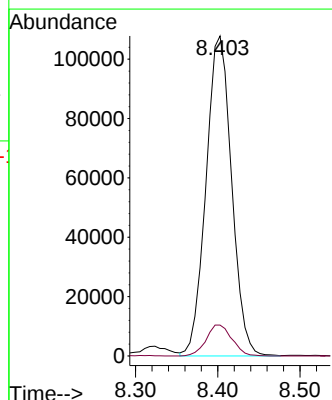
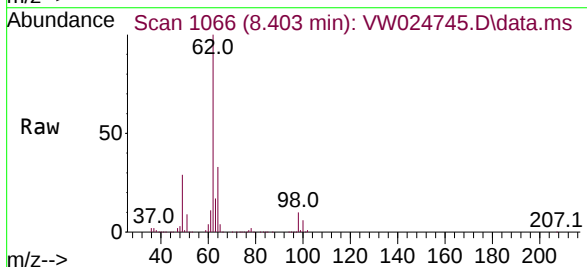
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

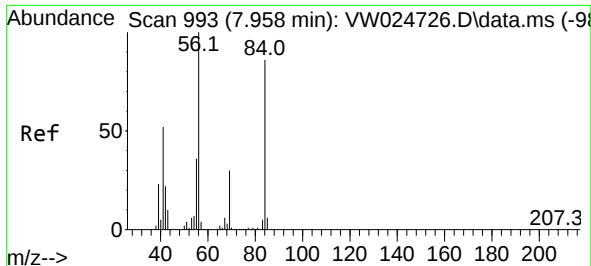
Tgt Ion: 83 Resp: 373327
Ion Ratio Lower Upper
83 100
85 64.7 44.0 81.8



#27
1,2-Dichloroethane
Concen: 25.255 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion: 62 Resp: 233651
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.8





#29

Cyclohexane

Concen: 23.061 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025585

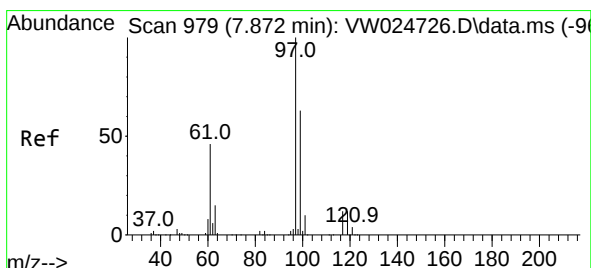
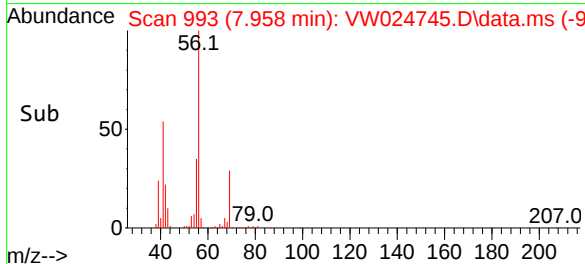
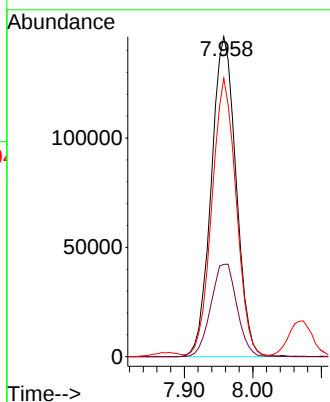
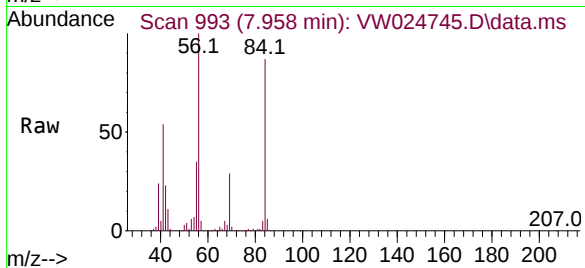
Tgt Ion: 56 Resp: 367247

Ion Ratio Lower Upper

56 100

69 30.4 25.0 37.4

84 85.6 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 23.684 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

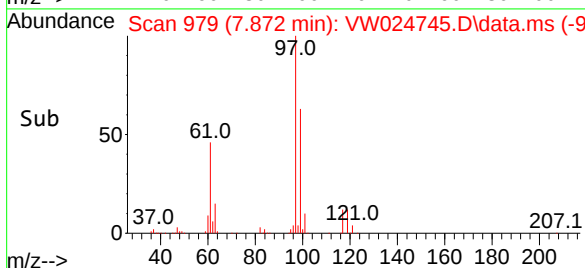
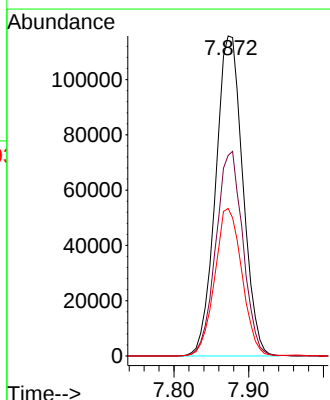
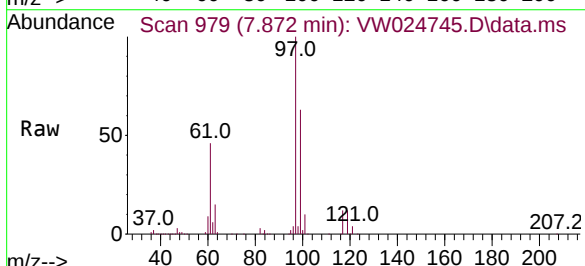
Tgt Ion: 97 Resp: 293015

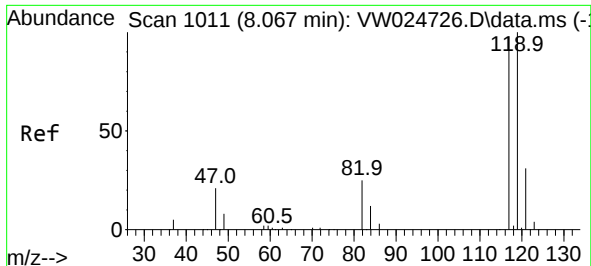
Ion Ratio Lower Upper

97 100

99 63.5 51.1 76.7

61 46.1 35.8 53.6

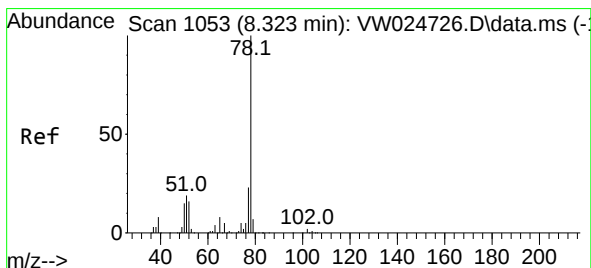
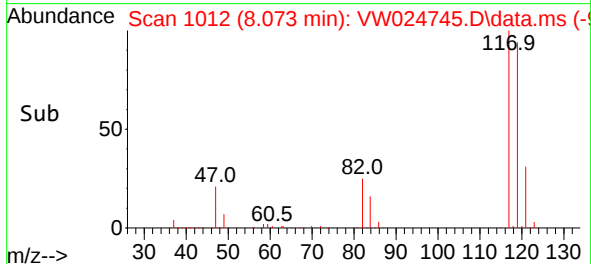
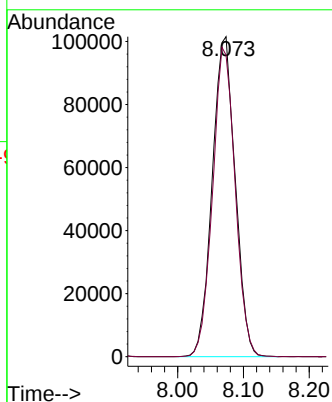
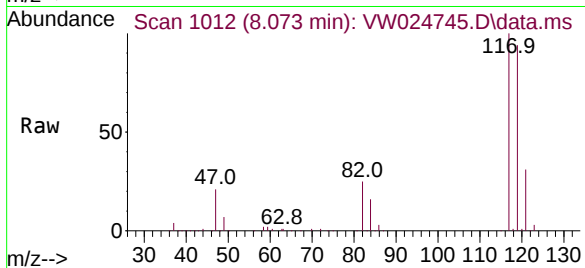




#31
Carbon tetrachloride
Concen: 23.546 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

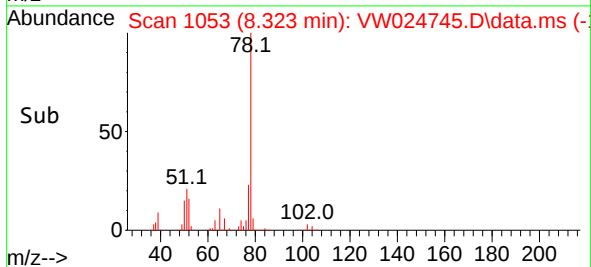
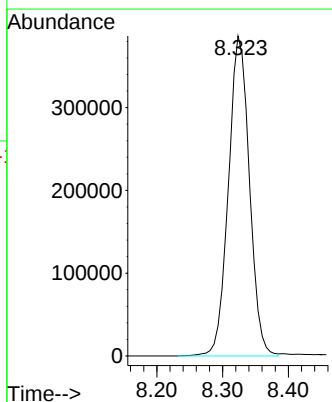
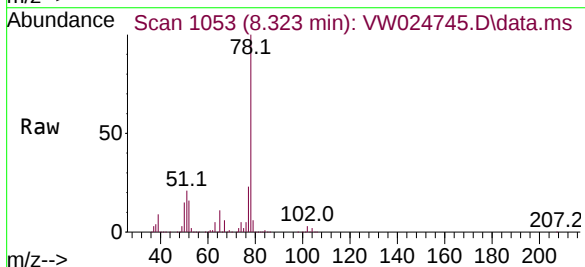
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

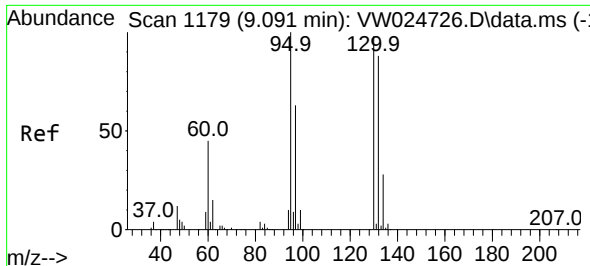
Tgt Ion:117 Resp: 246693
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.2



#33
Benzene
Concen: 24.011 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion: 78 Resp: 859224





#34

Trichloroethene

Concen: 24.235 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025585

Tgt Ion: 95 Resp: 219814

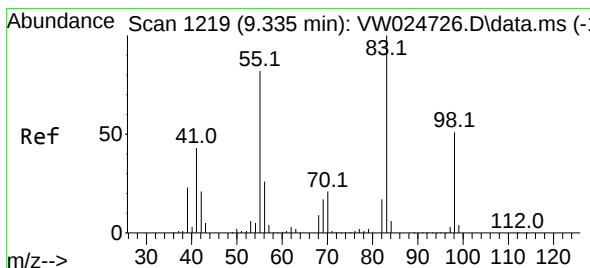
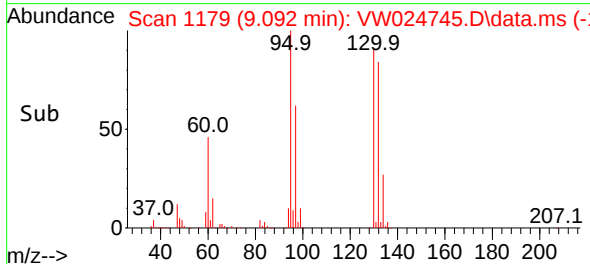
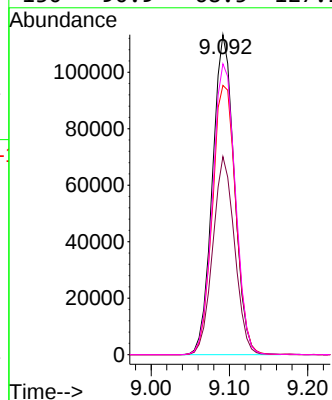
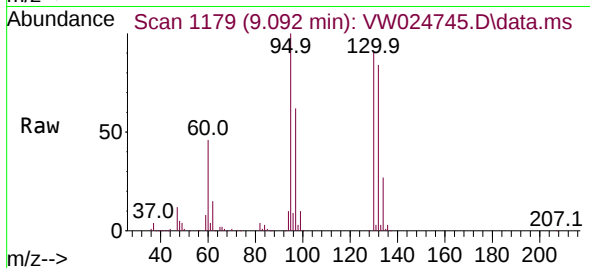
Ion Ratio Lower Upper

95 100

97 61.9 43.5 80.9

132 84.1 61.2 113.8

130 90.9 68.5 127.1



#35

Methylcyclohexane

Concen: 23.542 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

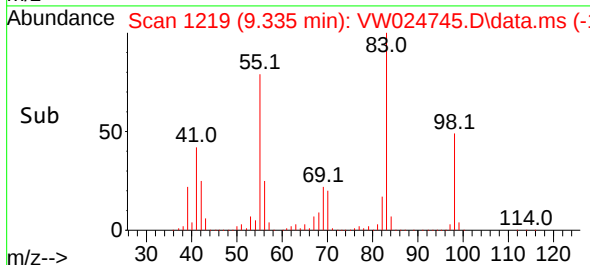
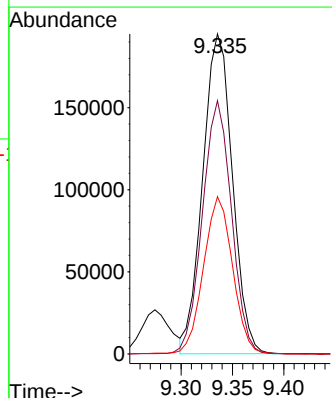
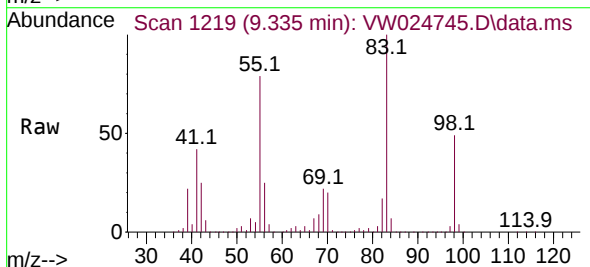
Tgt Ion: 83 Resp: 391426

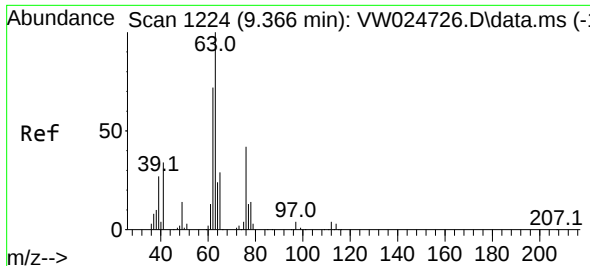
Ion Ratio Lower Upper

83 100

55 77.8 63.1 94.7

98 48.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 24.708 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

Instrument :

MSVOA_W

ClientSampleId :

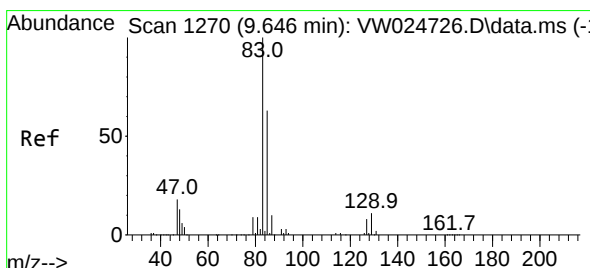
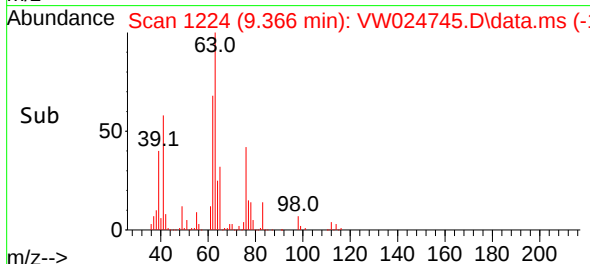
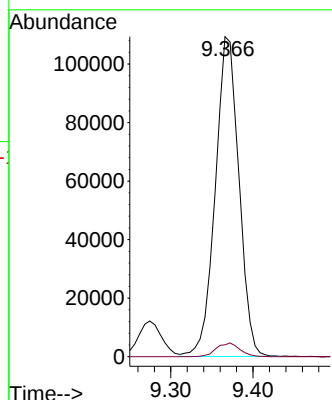
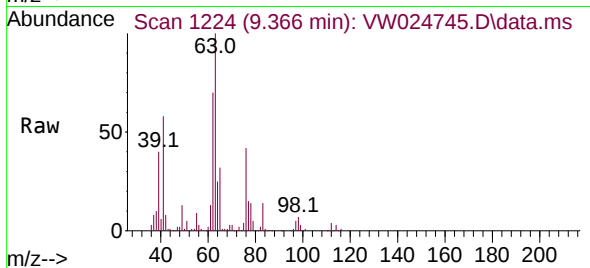
VSTD025585

Tgt Ion: 63 Resp: 218279

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 24.025 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

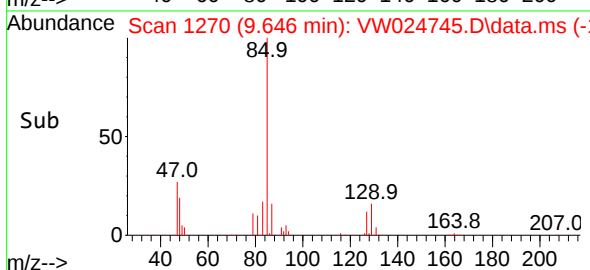
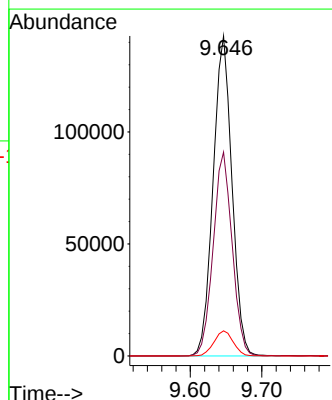
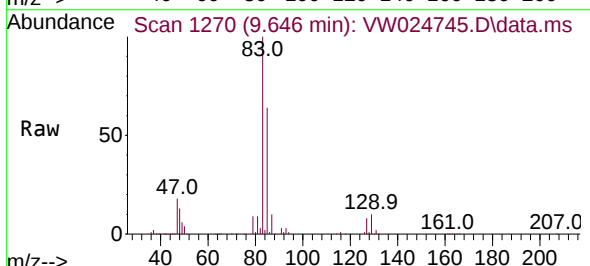
Tgt Ion: 83 Resp: 261079

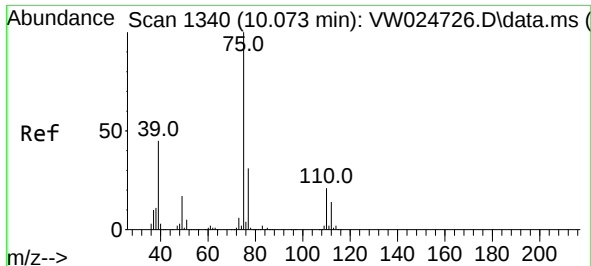
Ion Ratio Lower Upper

83 100

85 63.7 45.6 84.8

127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 22.713 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

Instrument :

MSVOA_W

ClientSampleId :

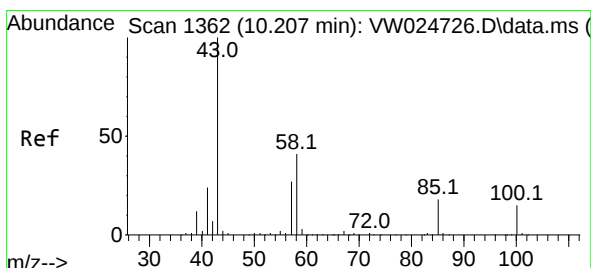
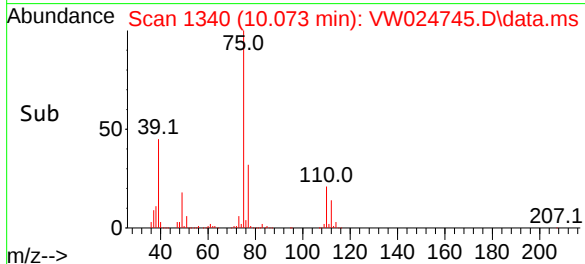
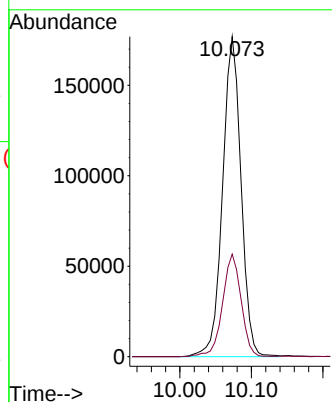
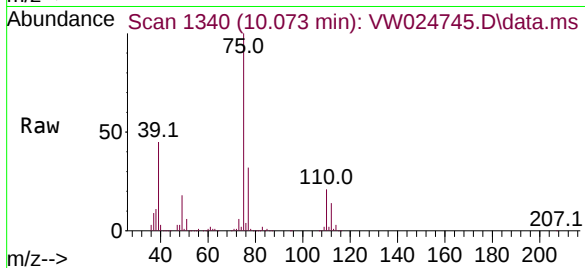
VSTD025585

Tgt Ion: 75 Resp: 317305

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 46.285 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

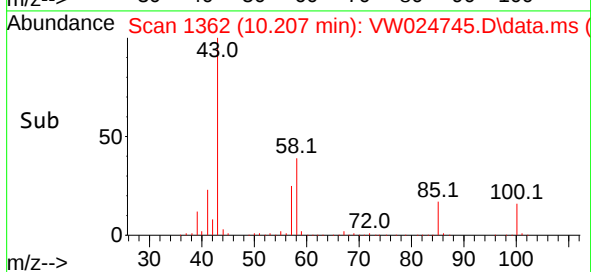
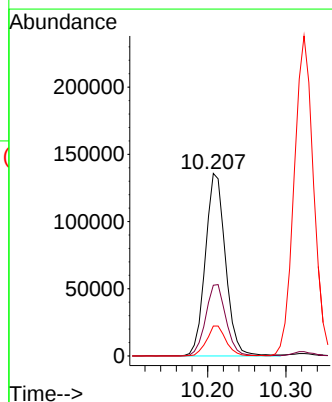
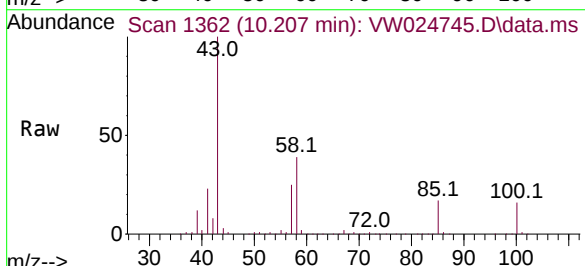
Tgt Ion: 43 Resp: 242033

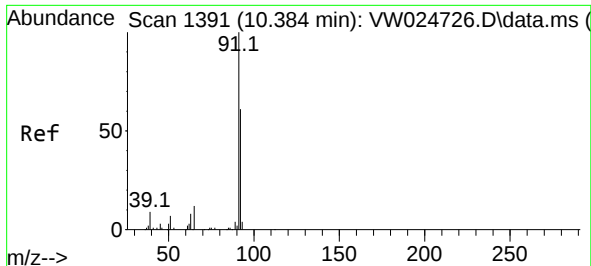
Ion Ratio Lower Upper

43 100

58 39.5 32.9 49.3

100 16.0 12.6 19.0

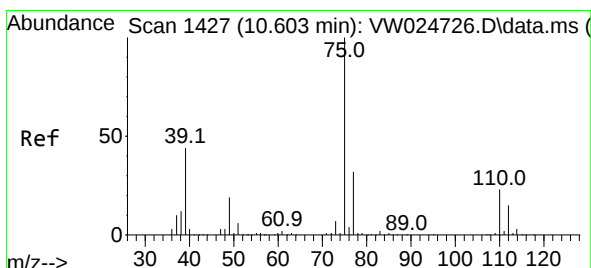
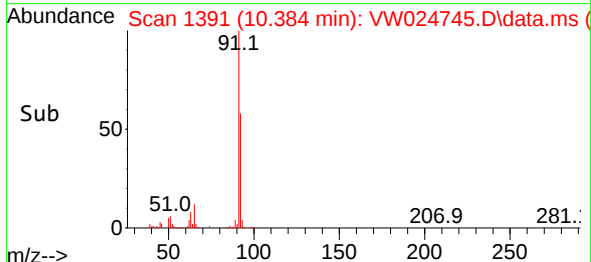
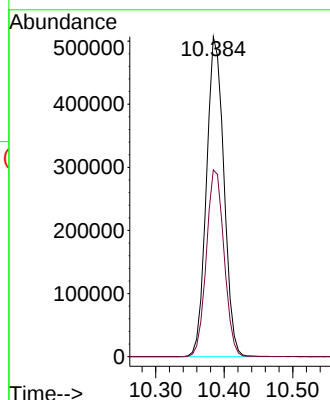
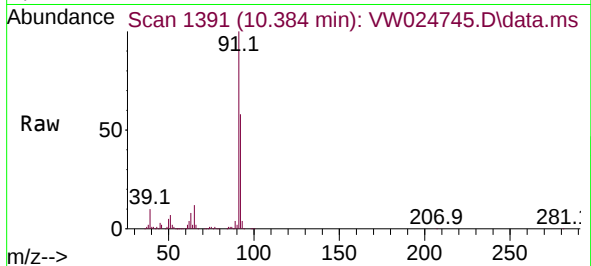




#42
Toluene
Concen: 24.260 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

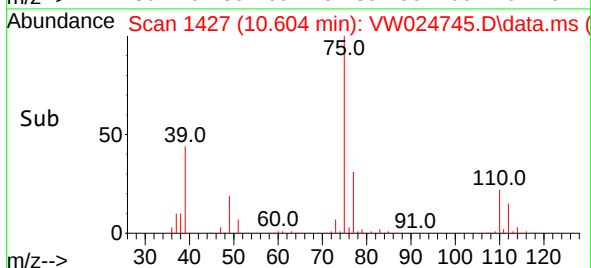
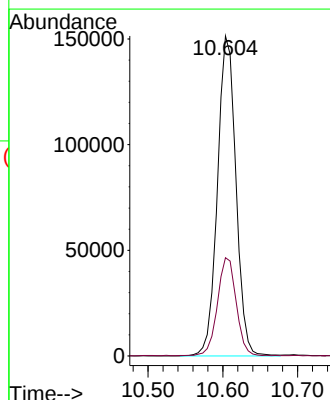
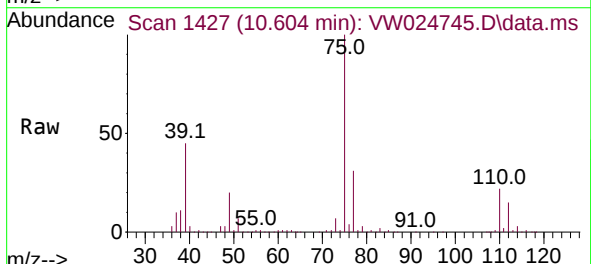
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

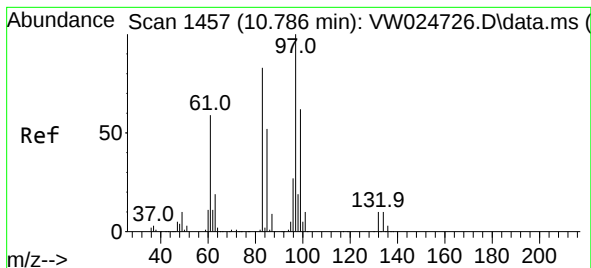
Tgt Ion: 91 Resp: 896524
Ion Ratio Lower Upper
91 100
92 58.4 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 21.767 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion: 75 Resp: 260721
Ion Ratio Lower Upper
75 100
77 30.7 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 24.827 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025585

Tgt Ion: 97 Resp: 149816

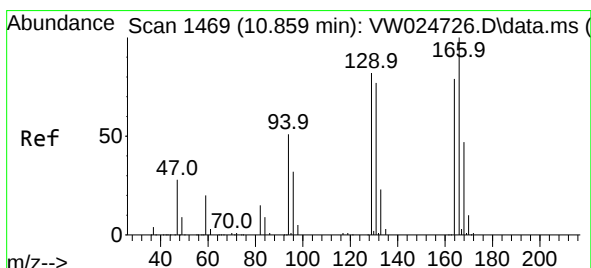
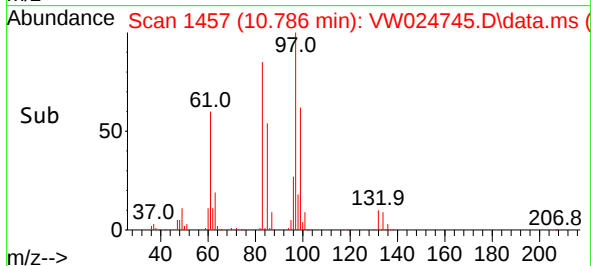
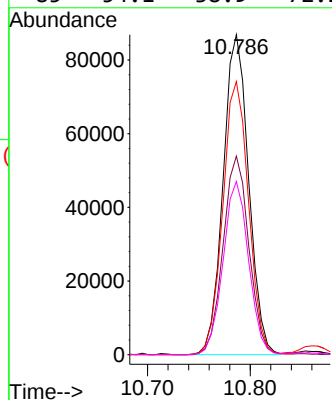
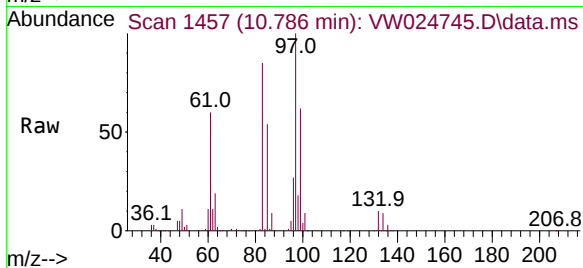
Ion Ratio Lower Upper

97 100

99 62.1 43.8 81.4

83 85.3 60.1 111.5

85 54.1 38.9 72.2



#46

Tetrachloroethene

Concen: 24.438 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

Tgt Ion:164 Resp: 150601

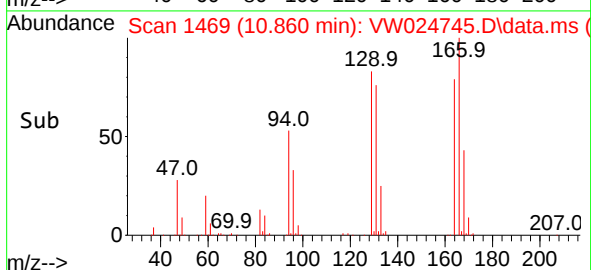
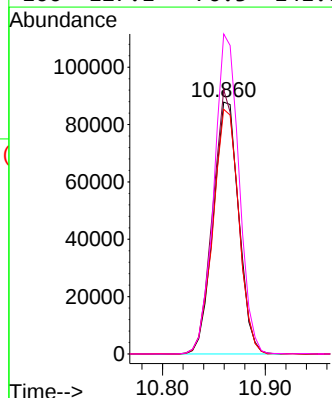
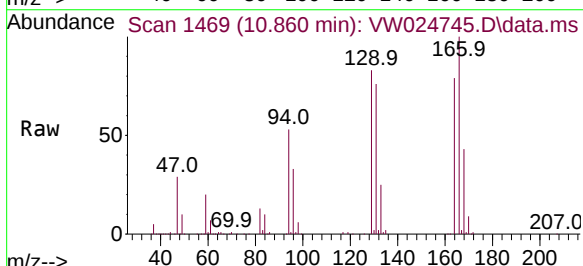
Ion Ratio Lower Upper

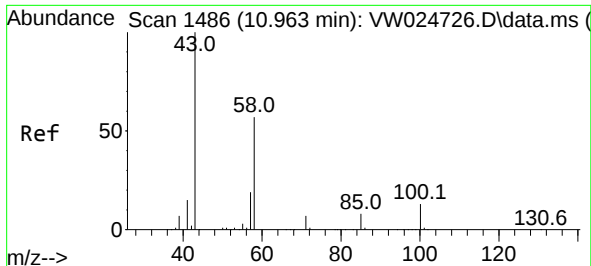
164 100

129 104.9 74.1 137.5

131 97.1 71.5 132.7

166 127.1 76.3 141.7

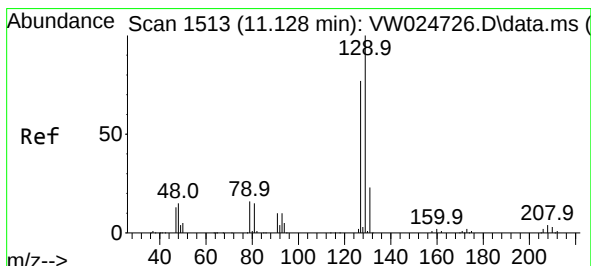
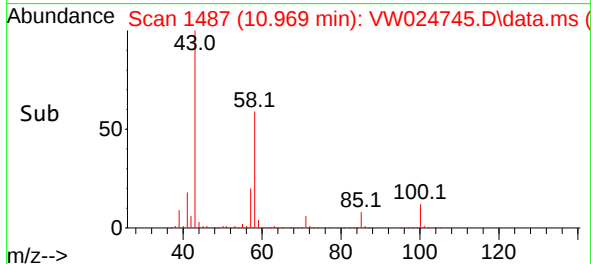
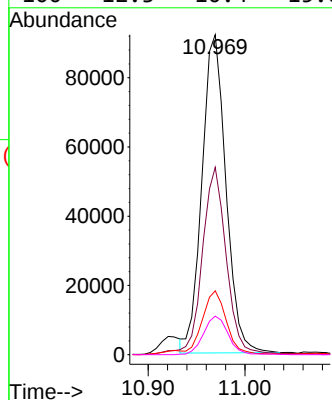
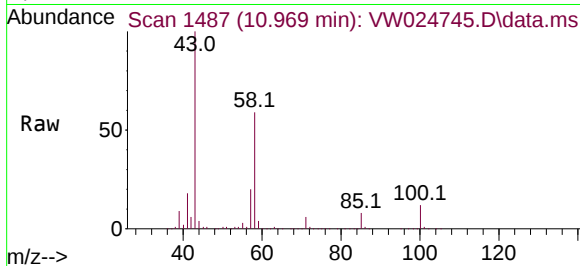




#48
2-Hexanone
Concen: 44.969 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

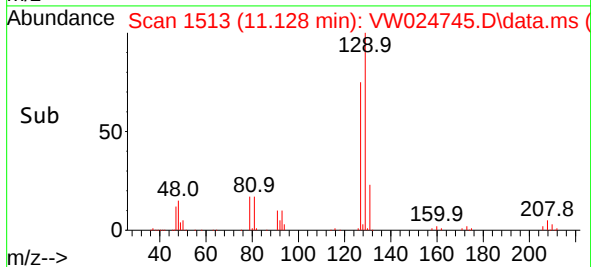
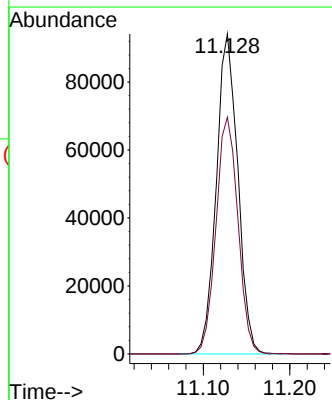
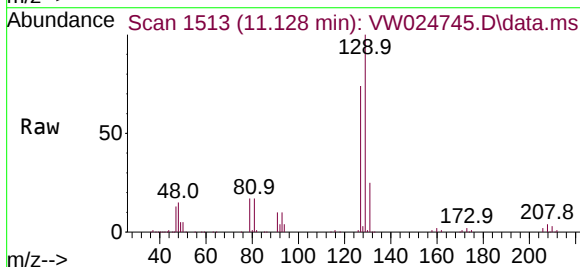
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

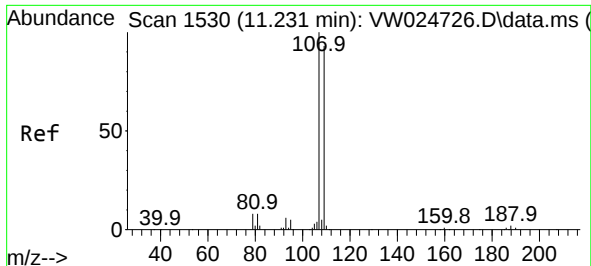
Tgt Ion: 43 Resp: 159010
Ion Ratio Lower Upper
43 100
58 59.3 45.3 67.9
57 19.9 16.3 24.5
100 12.3 10.4 15.6



#49
Dibromochloromethane
Concen: 23.849 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion: 129 Resp: 162057
Ion Ratio Lower Upper
129 100
127 74.0 52.4 97.4

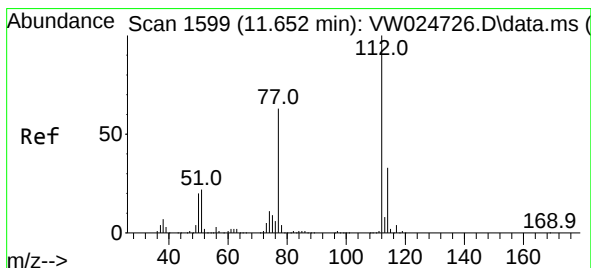
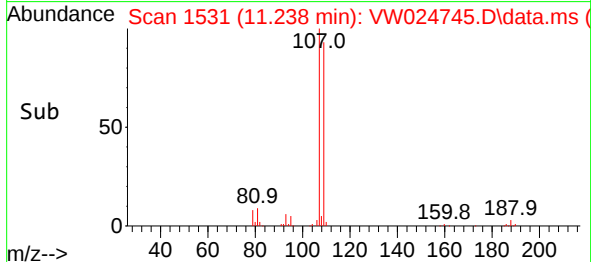
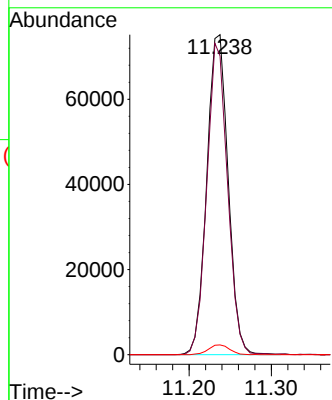
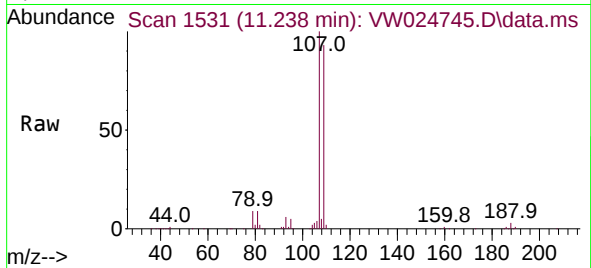




#50
1,2-Dibromoethane
Concen: 23.812 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

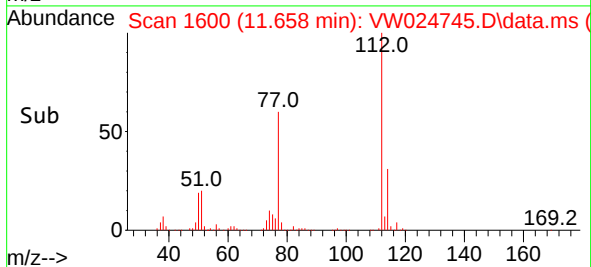
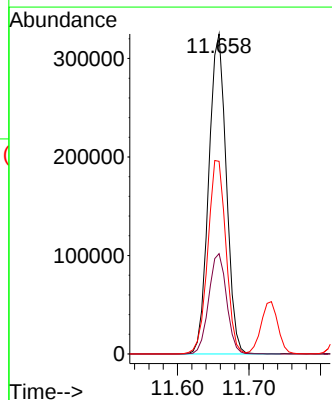
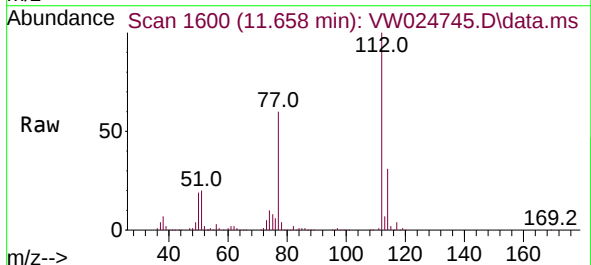
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

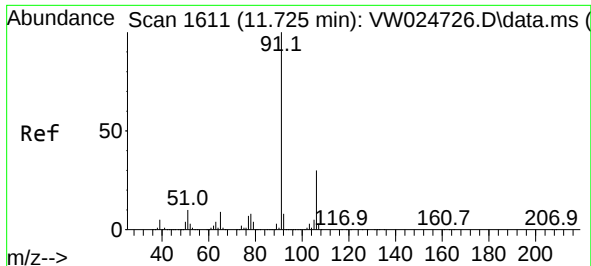
Tgt Ion:107 Resp: 136006
Ion Ratio Lower Upper
107 100
109 93.4 65.5 121.7
188 3.0 2.4 3.6



#51
Chlorobenzene
Concen: 24.451 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion:112 Resp: 553254
Ion Ratio Lower Upper
112 100
114 31.4 23.3 43.3
77 60.2 49.1 73.7

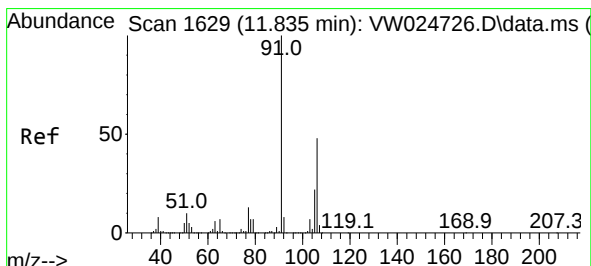
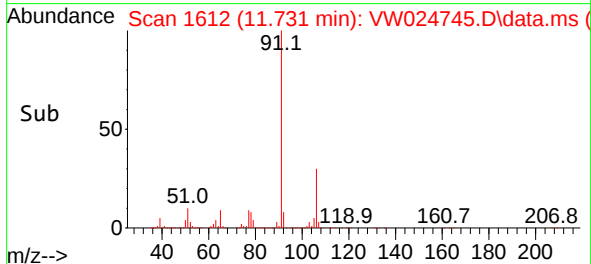
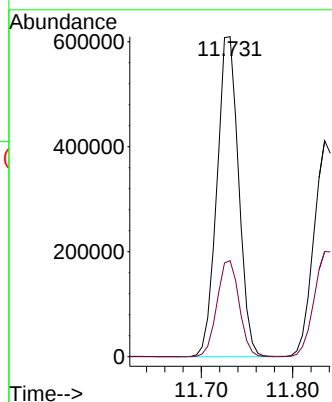
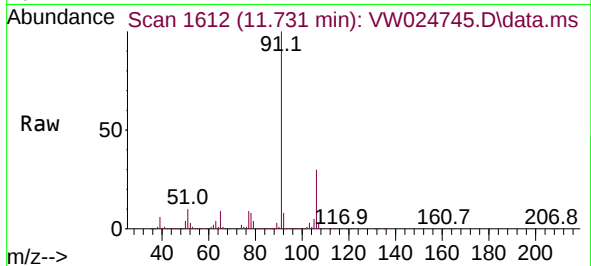




#52
Ethylbenzene
Concen: 24.708 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

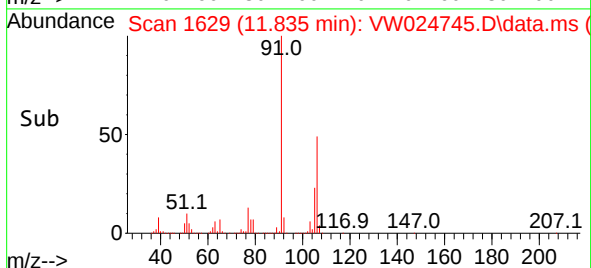
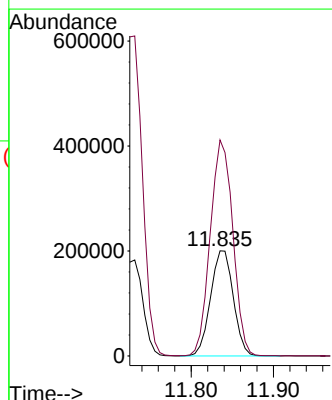
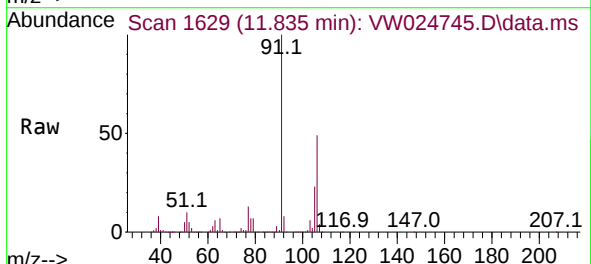
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

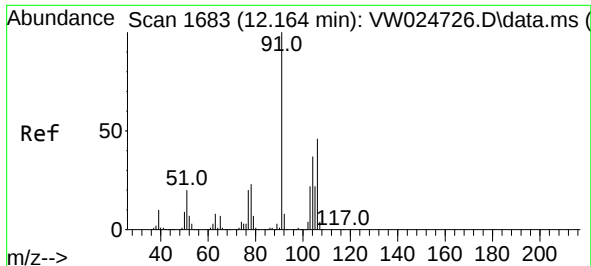
Tgt Ion: 91 Resp: 1005742
Ion Ratio Lower Upper
91 100
106 30.0 21.5 39.9



#53
m,p-Xylene
Concen: 24.188 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion:106 Resp: 384460
Ion Ratio Lower Upper
106 100
91 205.3 146.8 272.6

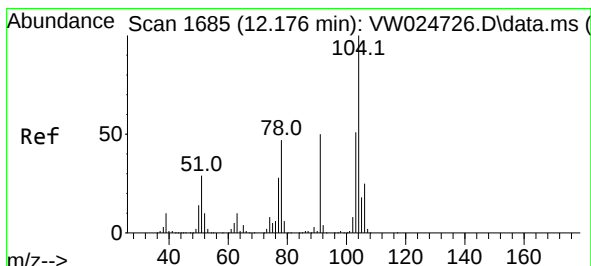
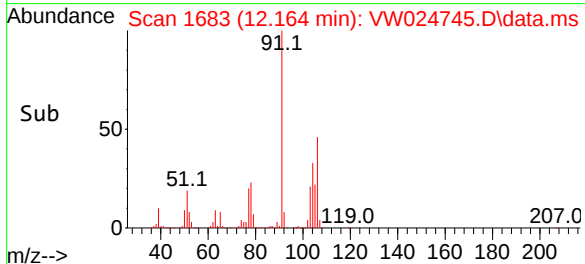
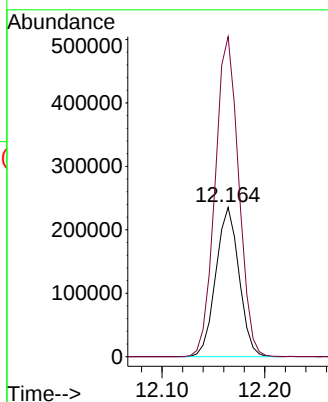
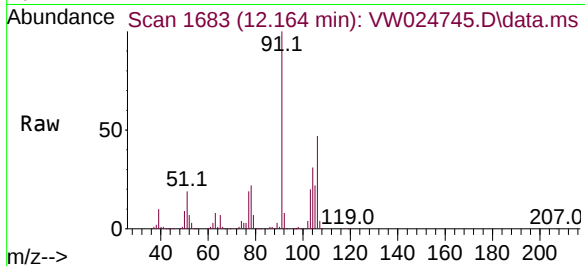




#54
o-Xylene
Concen: 24.568 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

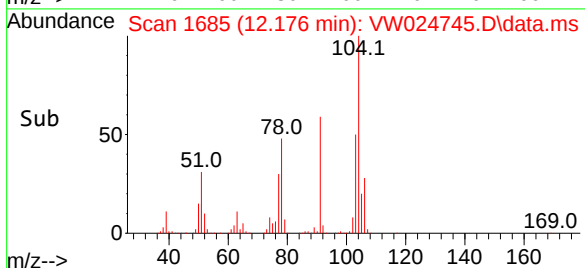
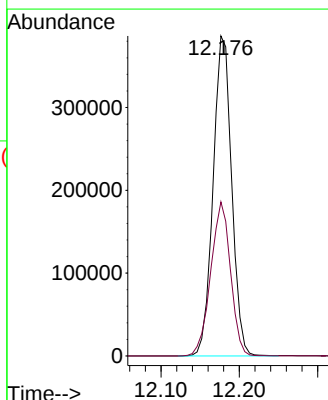
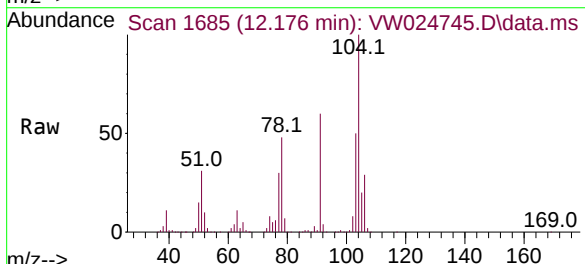
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

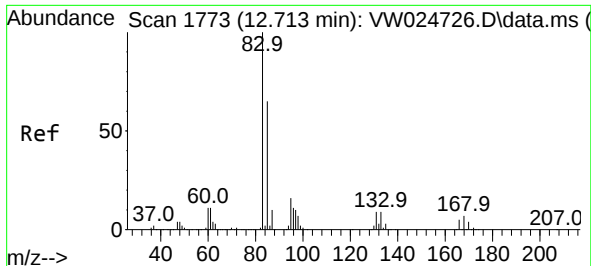
Tgt Ion:106 Resp: 368761
Ion Ratio Lower Upper
106 100
91 214.3 146.3 271.7



#55
Styrene
Concen: 25.161 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion:104 Resp: 636665
Ion Ratio Lower Upper
104 100
78 48.2 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 24.753 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025585

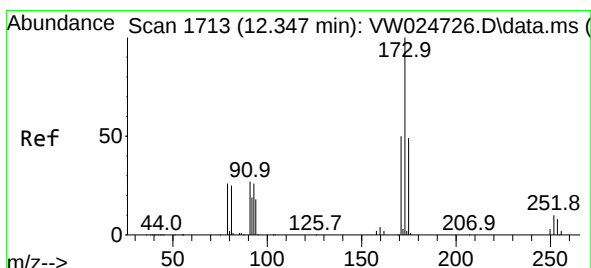
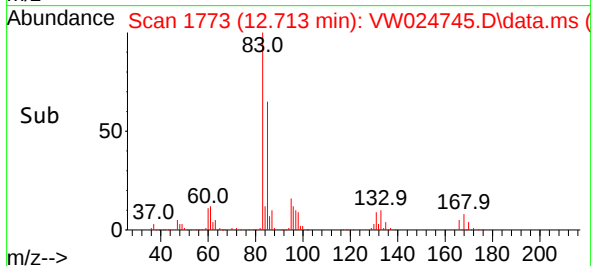
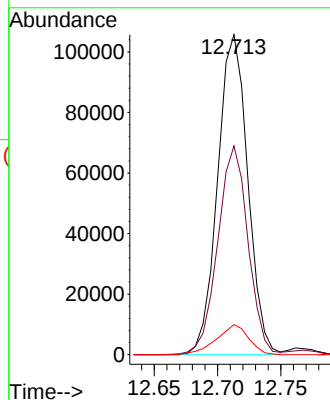
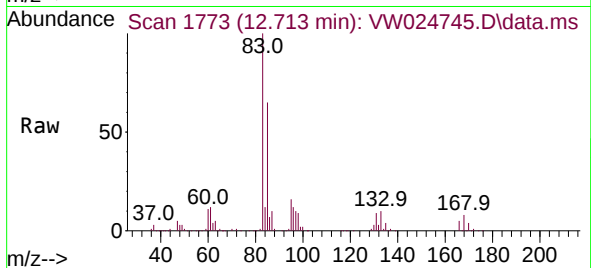
Tgt Ion: 83 Resp: 174889

Ion Ratio Lower Upper

83 100

85 65.2 45.2 84.0

131 9.4 7.3 10.9



#59

Bromoform

Concen: 20.330 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

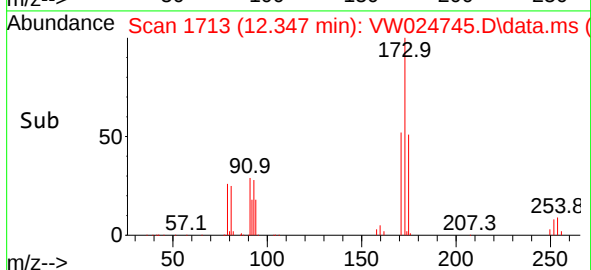
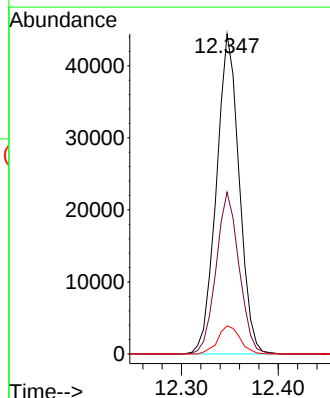
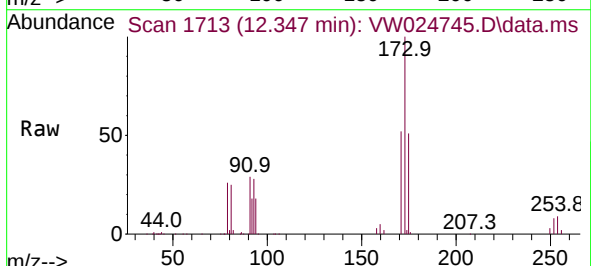
Tgt Ion: 173 Resp: 72678

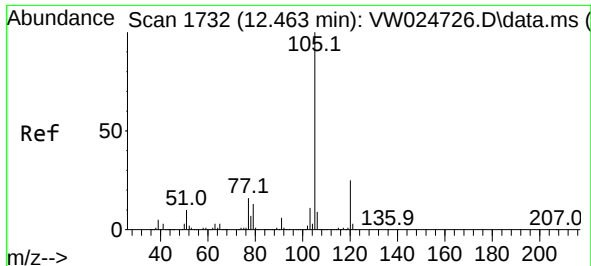
Ion Ratio Lower Upper

173 100

175 50.9 37.7 56.5

254 8.6 6.7 10.1

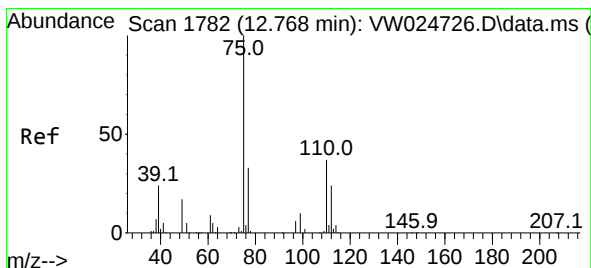
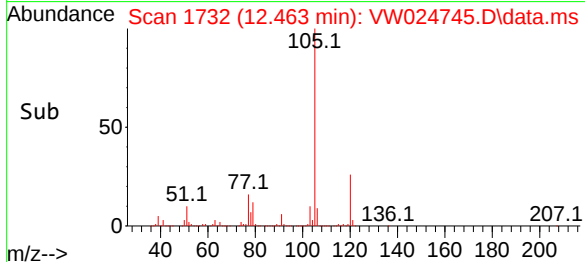
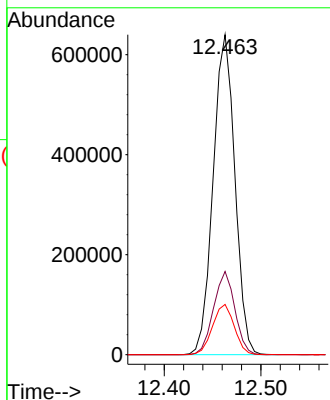
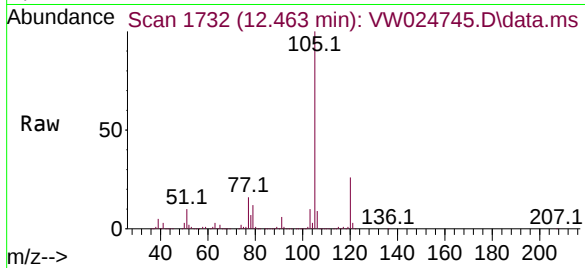




#60
Isopropylbenzene
Concen: 24.234 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

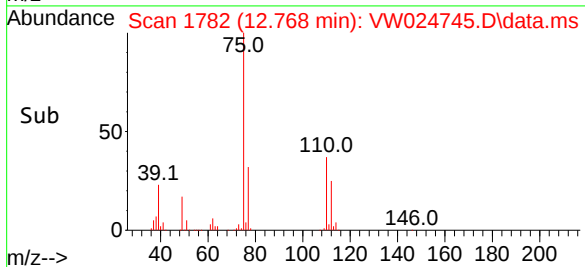
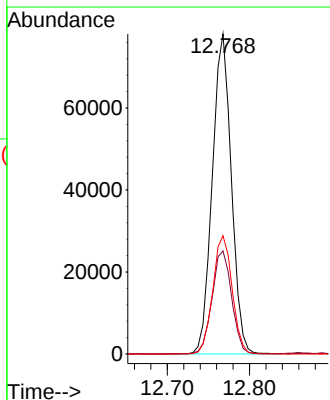
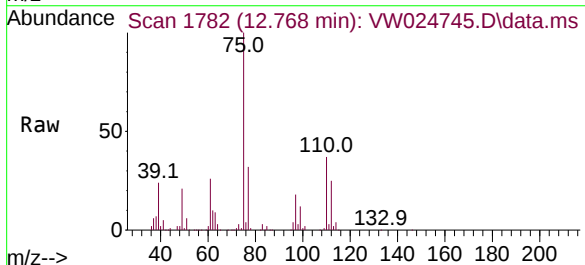
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

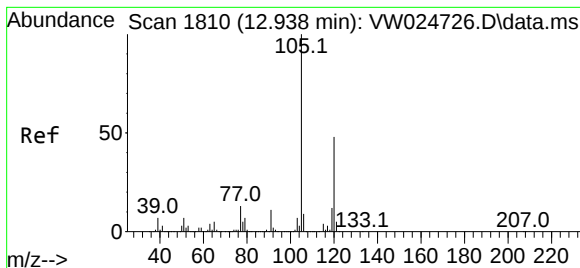
Tgt Ion:105 Resp: 998922
Ion Ratio Lower Upper
105 100
120 25.4 20.9 31.3
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 23.038 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion: 75 Resp: 125507
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.6
110 37.5 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 23.965 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

Instrument :

MSVOA_W

ClientSampleId :

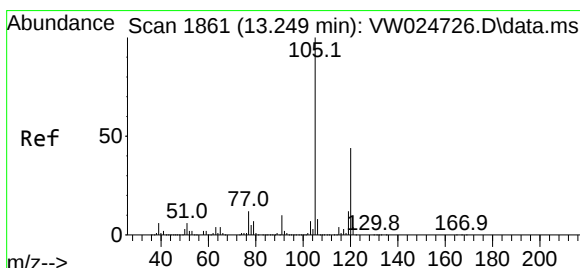
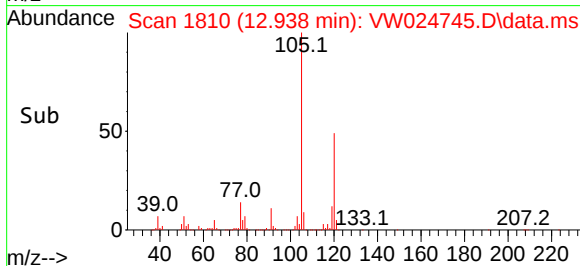
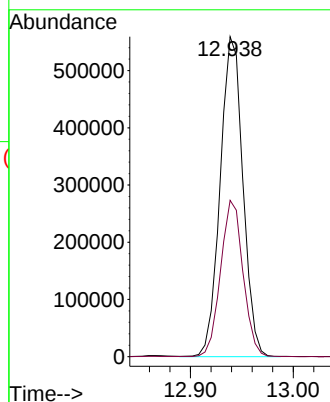
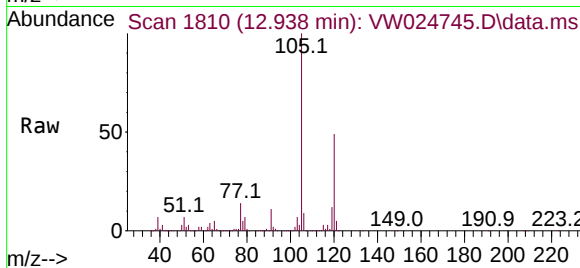
VSTD025585

Tgt Ion:105 Resp: 858592

Ion Ratio Lower Upper

105 100

120 48.2 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 23.785 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024745.D

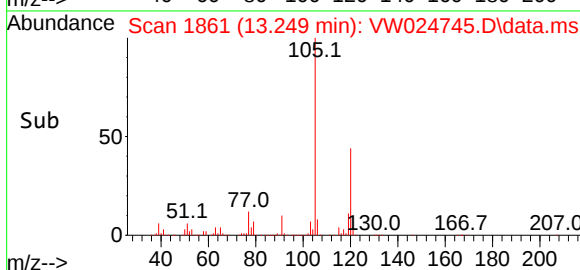
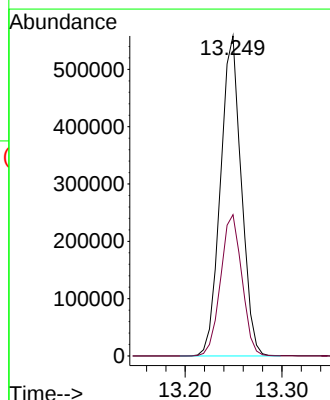
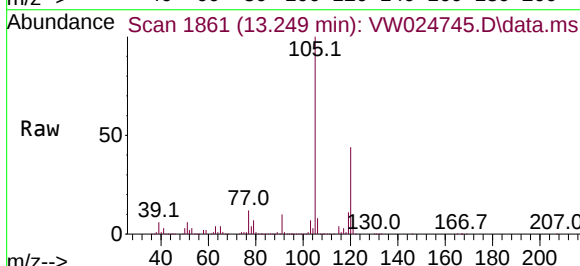
Acq: 05 Oct 2022 18:48

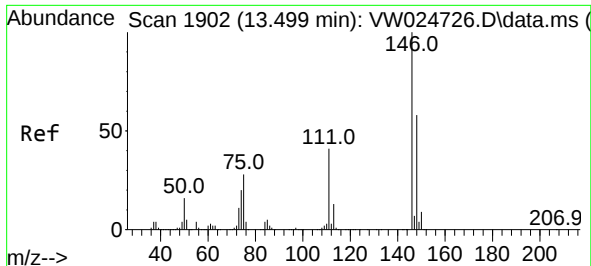
Tgt Ion:105 Resp: 834799

Ion Ratio Lower Upper

105 100

120 45.0 35.2 52.8

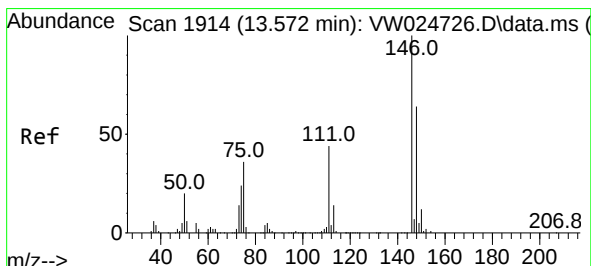
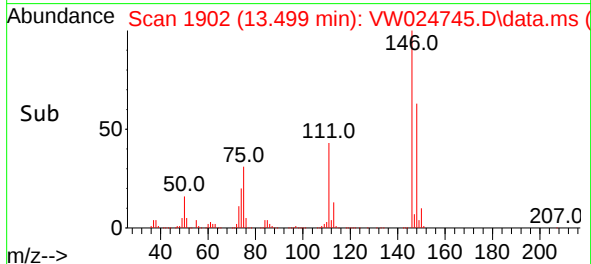
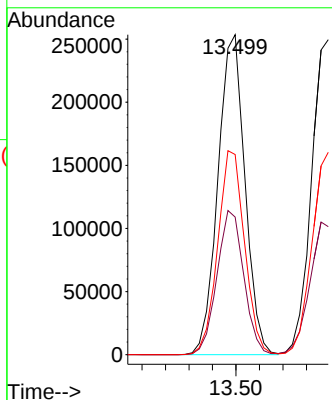
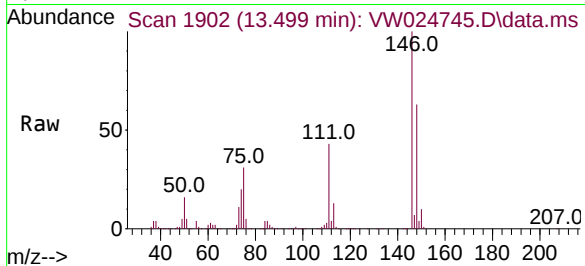




#64
1,3-Dichlorobenzene
Concen: 24.178 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

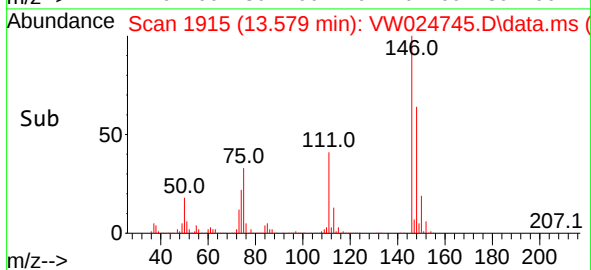
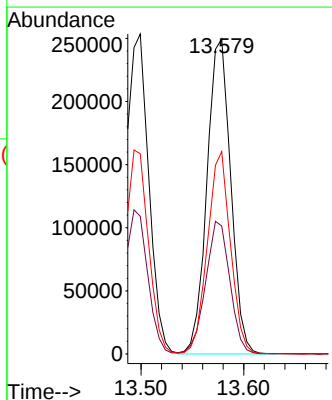
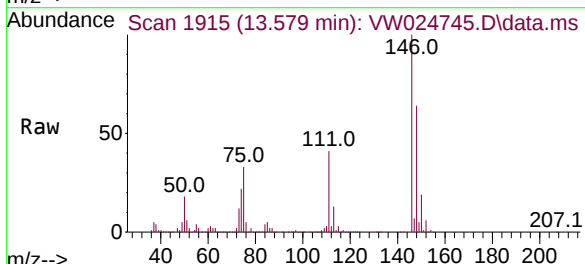
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

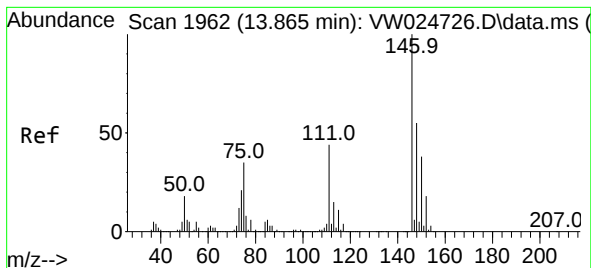
Tgt Ion:146 Resp: 404882
Ion Ratio Lower Upper
146 100
111 43.0 31.6 58.6
148 62.6 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 24.588 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

Tgt Ion:146 Resp: 400826
Ion Ratio Lower Upper
146 100
111 40.6 29.4 54.6
148 64.2 39.6 73.6

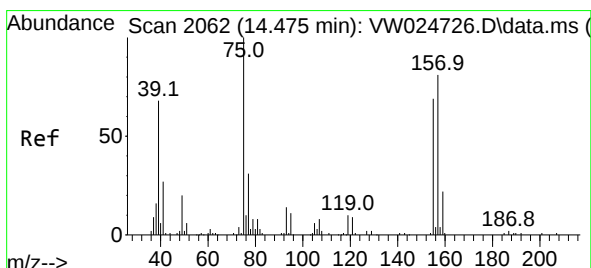
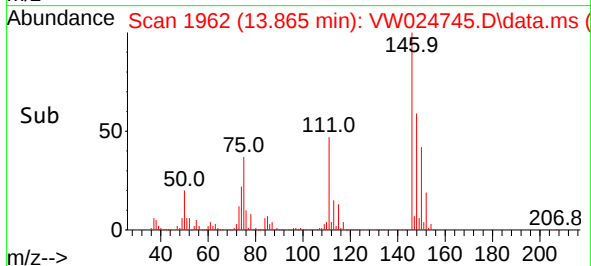
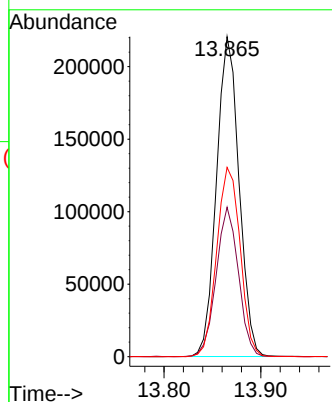
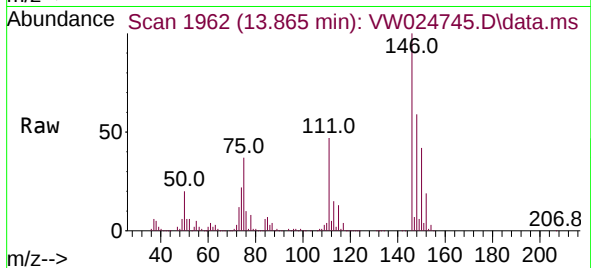




#67
1,2-Dichlorobenzene
Concen: 24.453 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

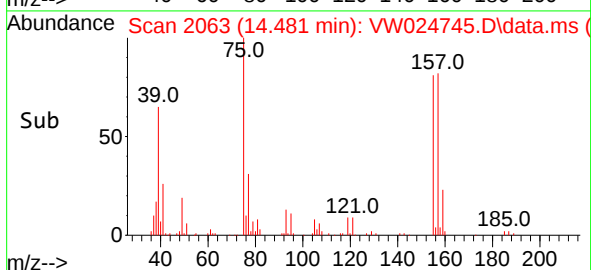
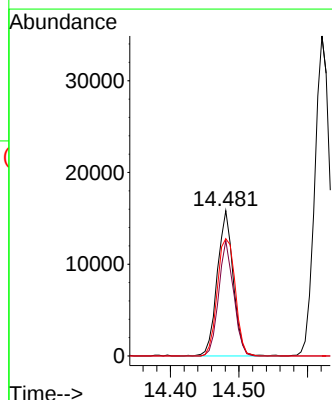
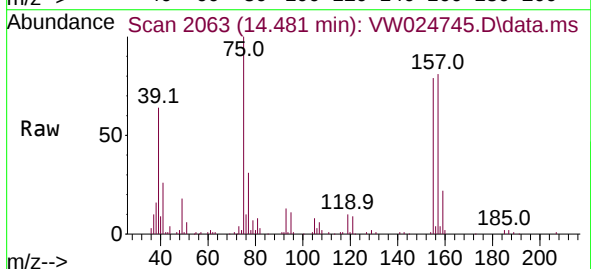
Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

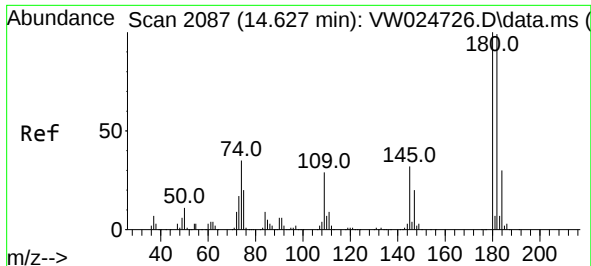
Tgt Ion:146 Resp: 356674
Ion Ratio Lower Upper
146 100
111 46.7 37.2 55.8
148 59.2 53.0 79.6



#68
1,2-Dibromo-3-chloropropane
Concen: 19.861 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VW024745.D
Acq: 05 Oct 2022 18:48

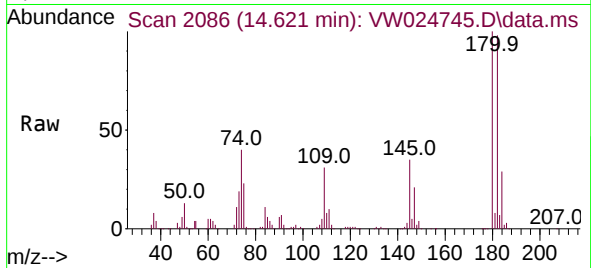
Tgt Ion: 75 Resp: 25587
Ion Ratio Lower Upper
75 100
155 79.4 57.6 86.4
157 80.7 73.0 109.6



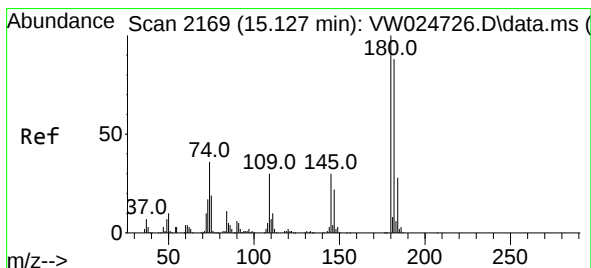
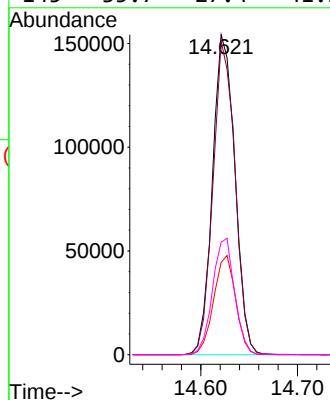
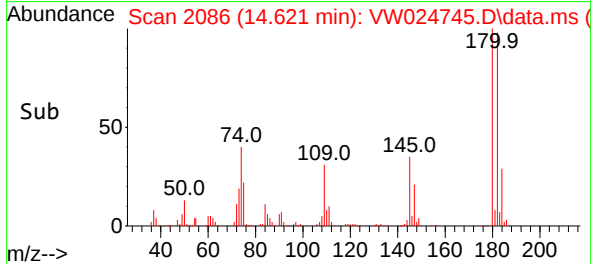


#69
 1,3,5-Trichlorobenzene
 Concen: 22.352 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW024745.D
 Acq: 05 Oct 2022 18:48

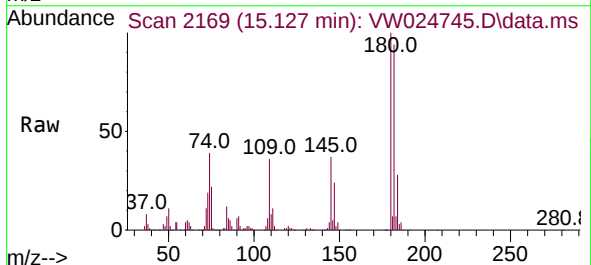
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025585



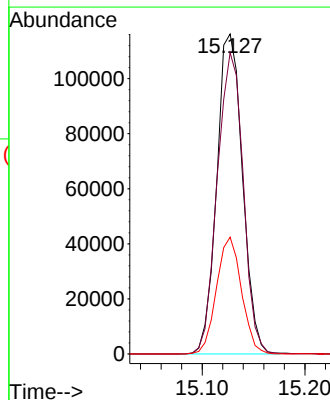
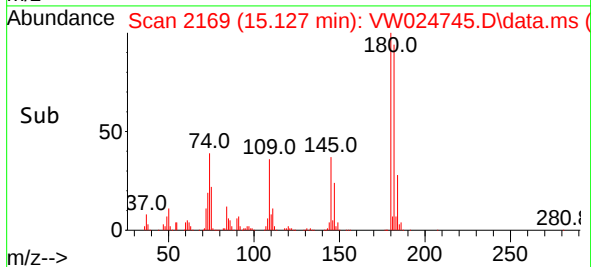
Tgt Ion:180 Resp: 248526
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.1 115.7
 184 30.5 23.3 34.9
 145 35.7 27.4 41.2

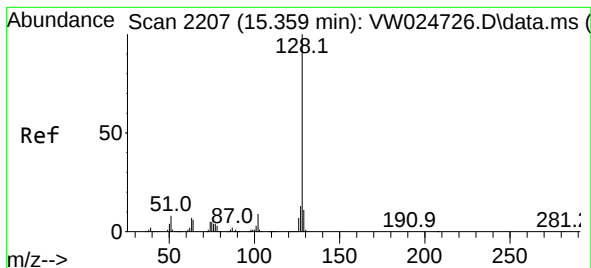


#70
 1,2,4-trichlorobenzene
 Concen: 21.624 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024745.D
 Acq: 05 Oct 2022 18:48



Tgt Ion:180 Resp: 201987
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.8 115.2
 145 35.5 29.0 43.4





#71

Naphthalene

Concen: 21.075 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025585

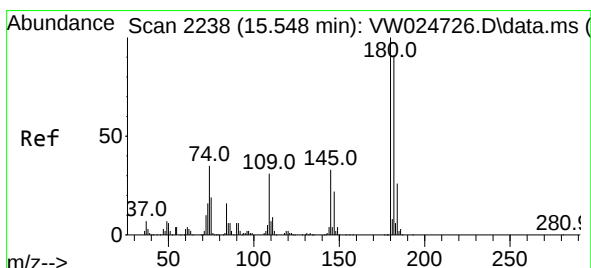
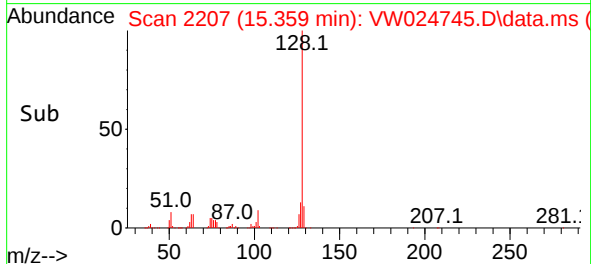
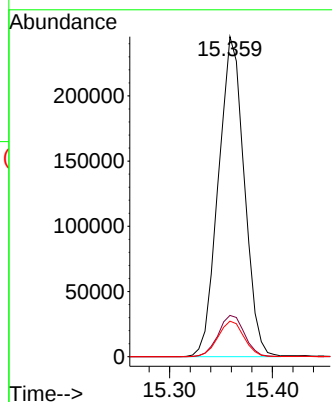
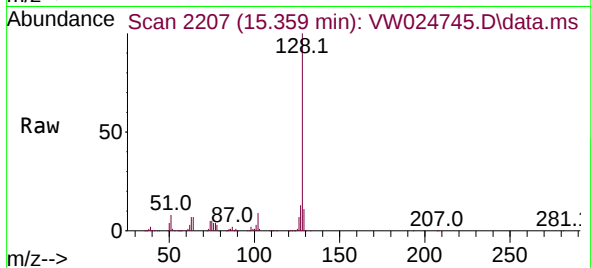
Tgt Ion:128 Resp: 428636

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 22.172 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024745.D

Acq: 05 Oct 2022 18:48

Tgt Ion:180 Resp: 176268

Ion Ratio Lower Upper

180 100

182 90.2 77.4 116.2

145 37.2 30.6 45.8

