

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062122\
 Data File : VW023497.D
 Acq On : 21 Jun 2022 08:16
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

Quant Time: Jun 22 01:01:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 17 23:30:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	356470	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	343796	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	188819	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	109509	19.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.360%
7) Chloroethane-d5	2.885	69	84696	20.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	4.019	63	180584	22.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.360%
21) 2-Butanone-d5	7.080	46	53082	45.907	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.820%
24) Chloroform-d	7.647	84	225694	23.000	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	8.305	65	114262	21.620	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.480%
32) Benzene-d6	8.275	84	395263	21.683	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.720%
36) 1,2-Dichloropropane-d6	9.274	67	122695	22.846	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.400%
41) Toluene-d8	10.323	98	384884	21.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.480%
43) trans-1,3-Dichloroprop...	10.579	79	52711	21.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.000%
47) 2-Hexanone-d5	10.926	63	42232	49.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.420%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115989	23.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	153023	22.450	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	38203	29.392	ug/L	92
3) Chloromethane	2.215	50	124082	28.859	ug/L	100
5) Vinyl chloride	2.361	62	183575	27.395	ug/L	98
6) Bromomethane	2.782	94	96476	25.438	ug/L	96
8) Chloroethane	2.922	64	94432	26.602	ug/L	100
9) Trichlorofluoromethane	3.257	101	99750	33.006	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	130594	29.973	ug/L	96
12) 1,1-Dichloroethene	4.037	96	112874	29.080	ug/L	92
13) Acetone	4.123	43	45541	54.667	ug/L	98
14) Carbon disulfide	4.385	76	307622	25.764	ug/L	99
15) Methyl Acetate	4.672	43	47083	25.314	ug/L	97
16) Methylene chloride	4.915	84	124134	25.730	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	125670	27.346	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	191122	27.631	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	228442	27.751	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	138589	27.576	ug/L #	96
22) 2-Butanone	7.171	43	66672	52.287	ug/L	100
23) Bromochloromethane	7.519	128	63868	27.586	ug/L	95
25) Chloroform	7.677	83	259029	27.884	ug/L	99

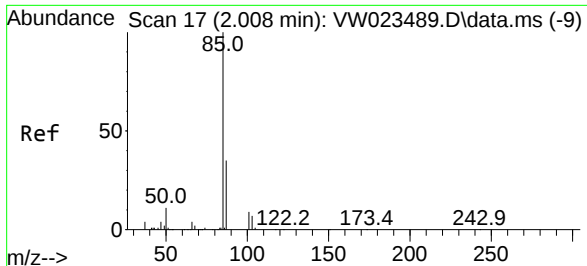
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062122\
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Quant Time: Jun 22 01:01:22 2022
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 Quant Title : SFAM01.0
 QLast Update : Fri Jun 17 23:30:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	161381	26.268	ug/L	99
29) Cyclohexane	7.957	56	191363	27.635	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	223724	28.113	ug/L	99
31) Carbon tetrachloride	8.067	117	204673	27.917	ug/L	100
33) Benzene	8.323	78	538566	27.118	ug/L	100
34) Trichloroethene	9.091	95	145291	27.294	ug/L	96
35) Methylcyclohexane	9.335	83	233159	27.055	ug/L	96
37) 1,2-Dichloropropane	9.366	63	132339	27.267	ug/L	100
38) Bromodichloromethane	9.646	83	185621	27.193	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	205236	27.595	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	140857	50.884	ug/L	99
42) Toluene	10.384	91	612663	27.611	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	181807	27.091	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	105174	26.381	ug/L	98
46) Tetrachloroethene	10.859	164	116243	28.287	ug/L	93
48) 2-Hexanone	10.969	43	102224	54.642	ug/L	97
49) Dibromochloromethane	11.128	129	127711	27.353	ug/L	93
50) 1,2-Dibromoethane	11.237	107	100819	27.052	ug/L	97
51) Chlorobenzene	11.658	112	403129	26.920	ug/L	97
52) Ethylbenzene	11.731	91	690925	27.397	ug/L	99
53) m,p-Xylene	11.841	106	270575	27.567	ug/L	97
54) o-Xylene	12.164	106	263936	28.140	ug/L	99
55) Styrene	12.176	104	456879	28.015	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	127830	26.403	ug/L	95
59) Bromoform	12.347	173	72957	27.183	ug/L	99
60) Isopropylbenzene	12.463	105	728300	26.946	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90256	25.122	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	601583	27.215	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	608973	27.530	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	325664	27.161	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	336162	27.457	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	292480	26.632	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18684	23.552	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.627	180	219550	28.023	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	177381	29.076	ug/L	99
71) Naphthalene	15.365	128	340624	28.383	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	153525	28.948	ug/L	98

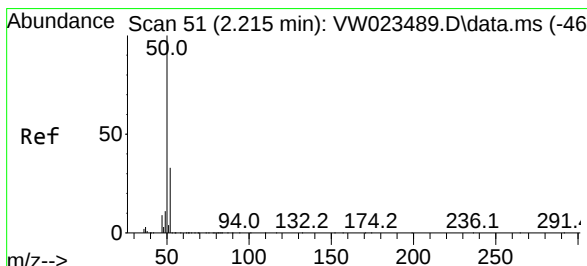
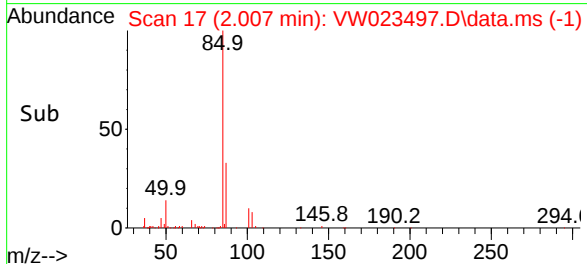
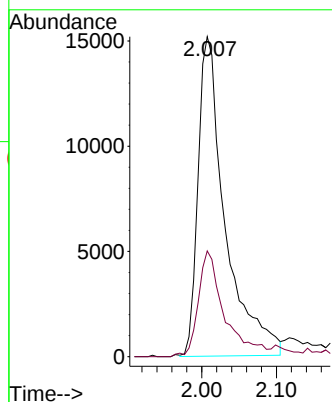
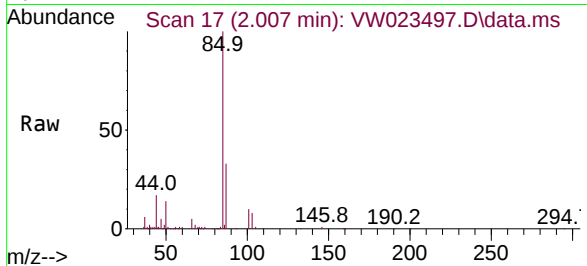
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 29.392 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023497.D
 Acq: 21 Jun 2022 08:16

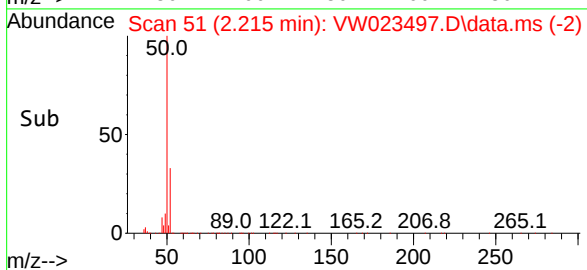
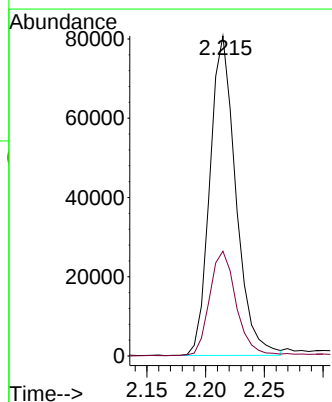
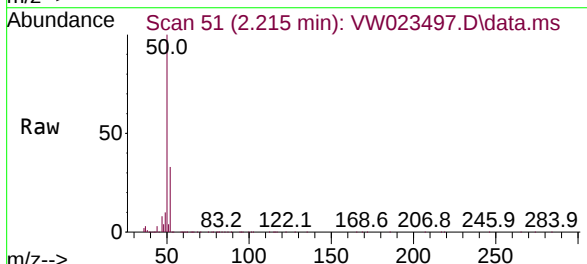
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

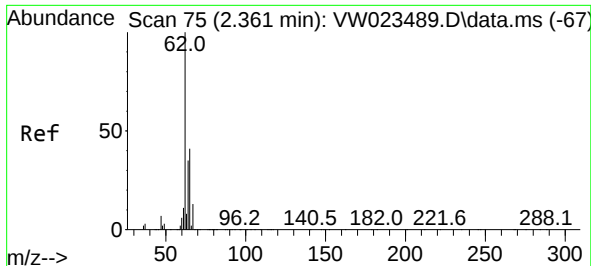
Tgt Ion: 85 Resp: 38203
 Ion Ratio Lower Upper
 85 100
 87 30.4 27.8 41.8



#3
 Chloromethane
 Concen: 28.859 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023497.D
 Acq: 21 Jun 2022 08:16

Tgt Ion: 50 Resp: 124082
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.1 42.9

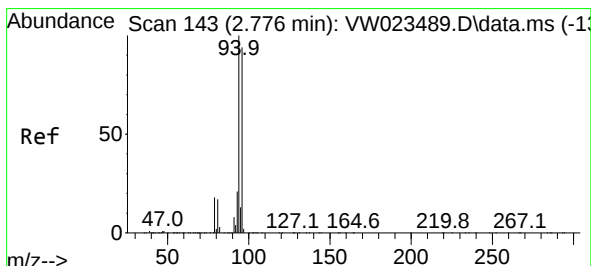
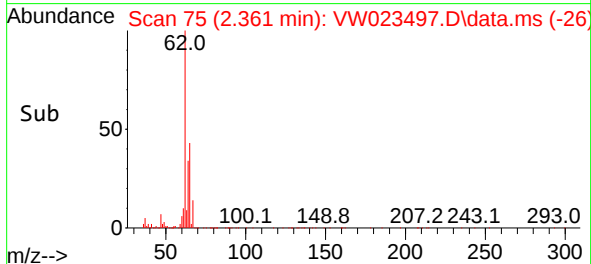
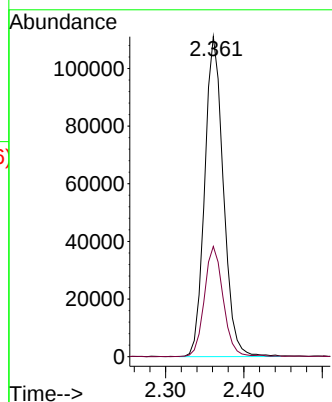
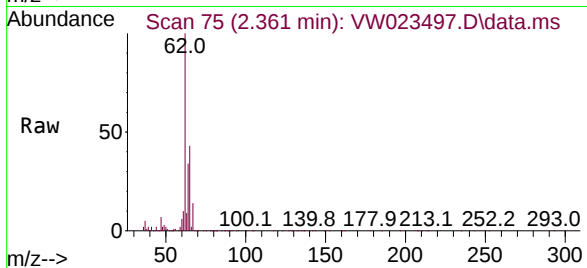




#5
 Vinyl chloride
 Concen: 27.395 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023497.D
 Acq: 21 Jun 2022 08:16

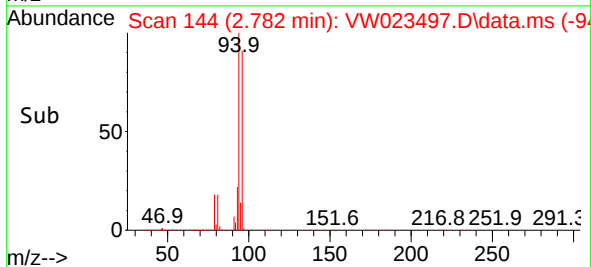
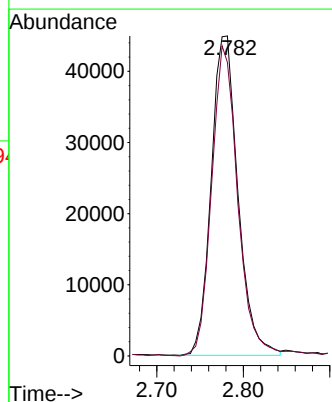
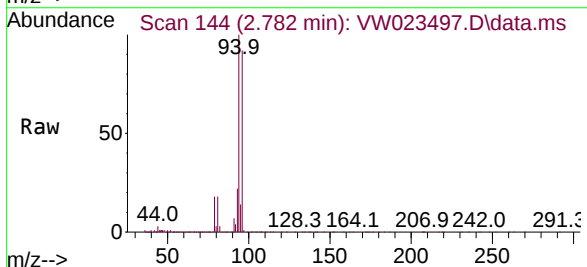
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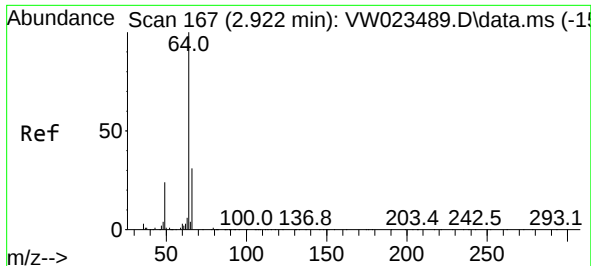
Tgt Ion: 62 Resp: 183575
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.9 46.3



#6
 Bromomethane
 Concen: 25.438 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW023497.D
 Acq: 21 Jun 2022 08:16

Tgt Ion: 94 Resp: 96476
 Ion Ratio Lower Upper
 94 100
 96 91.7 61.7 114.5

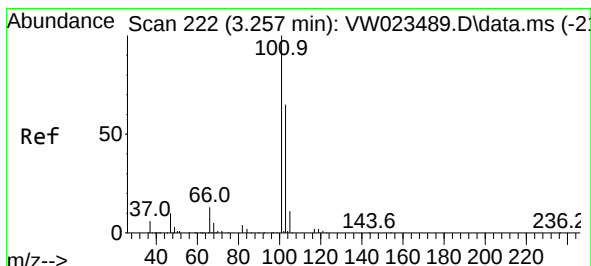
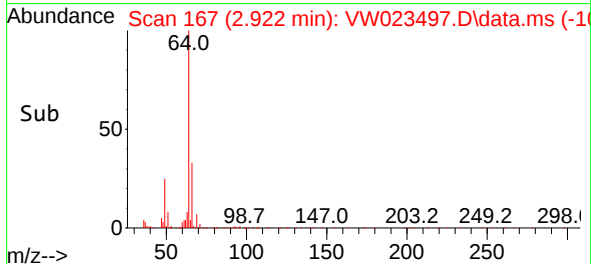
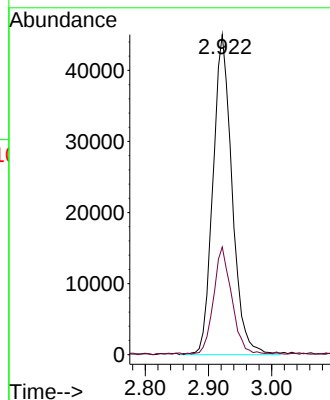
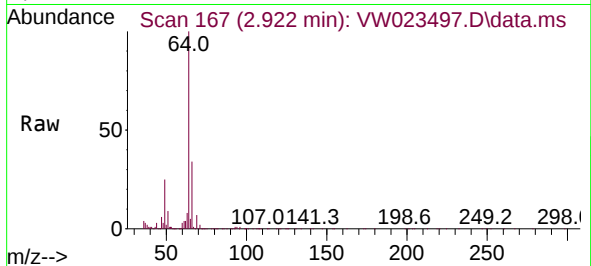




#8
Chloroethane
Concen: 26.602 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

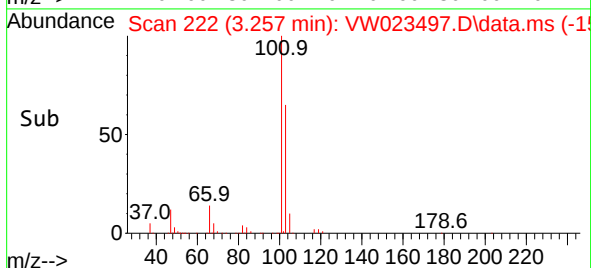
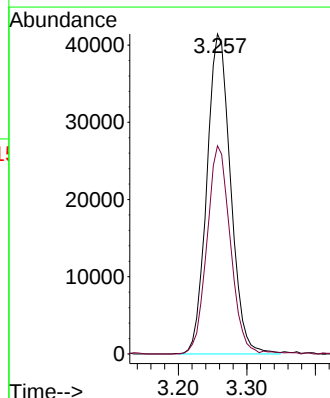
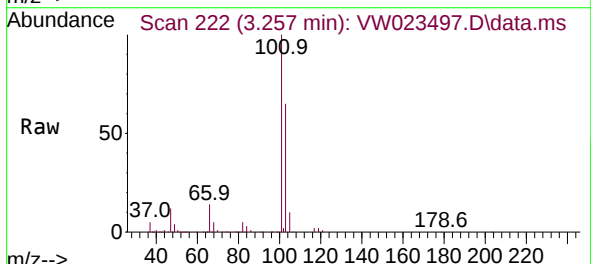
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ClientSampleId :
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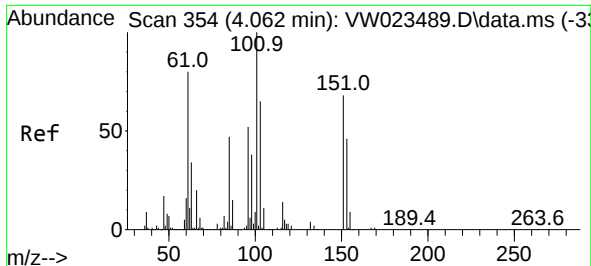
Tgt Ion: 64 Resp: 94432
Ion Ratio Lower Upper
64 100
66 33.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 33.006 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

Tgt Ion: 101 Resp: 99750
Ion Ratio Lower Upper
101 100
103 63.8 53.9 80.9

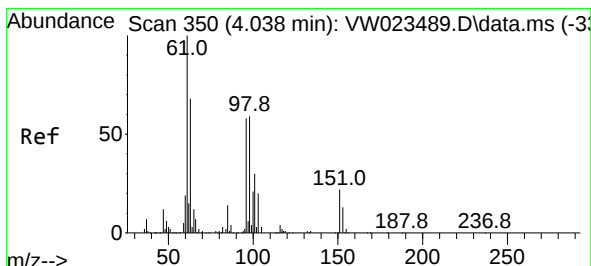
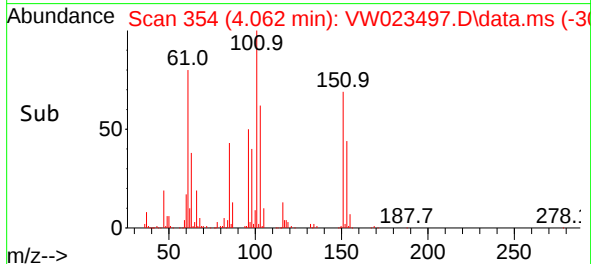
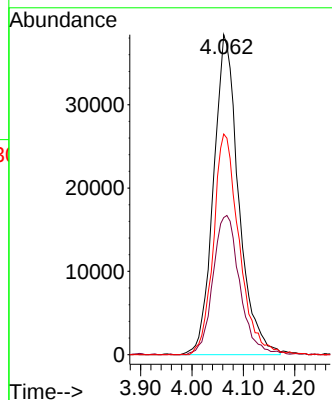
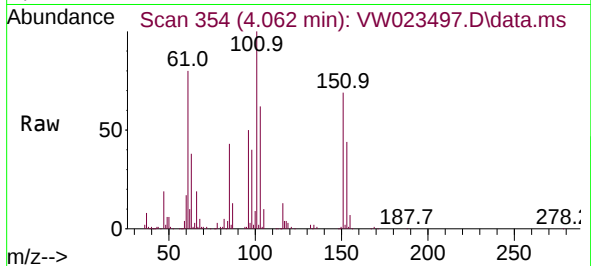




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.973 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023497.D
 Acq: 21 Jun 2022 08:16

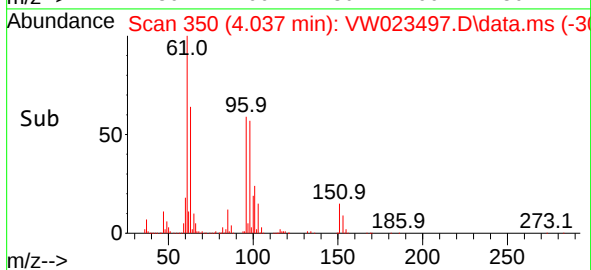
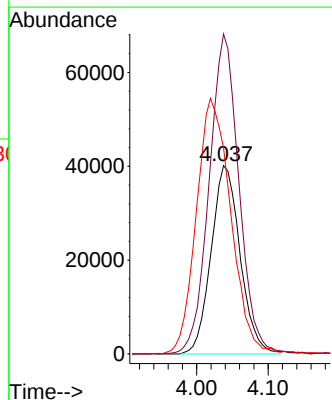
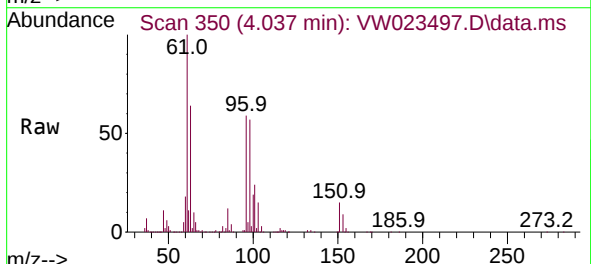
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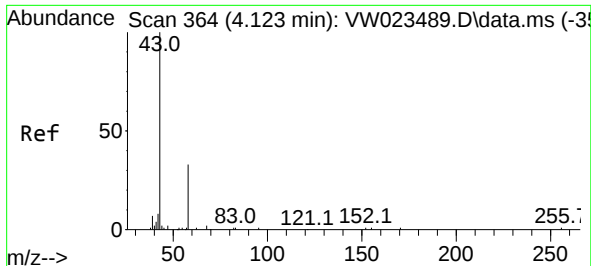
Tgt Ion:101 Resp: 130594
 Ion Ratio Lower Upper
 101 100
 85 46.1 34.3 51.5
 151 70.3 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 29.080 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW023497.D
 Acq: 21 Jun 2022 08:16

Tgt Ion: 96 Resp: 112874
 Ion Ratio Lower Upper
 96 100
 61 169.9 125.7 233.5
 63 109.4 83.4 155.0





#13

Acetone

Concen: 54.667 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

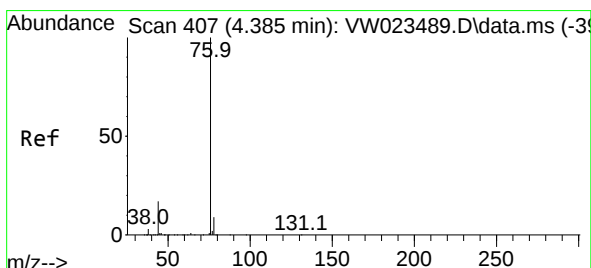
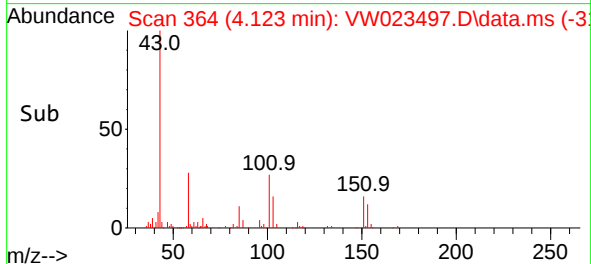
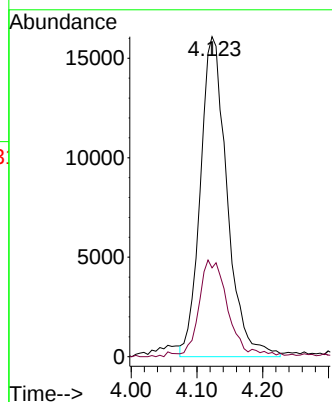
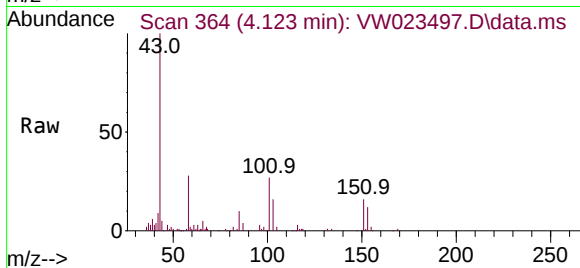
VSTD025576

Tgt Ion: 43 Resp: 45541

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.0



#14

Carbon disulfide

Concen: 25.764 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW023497.D

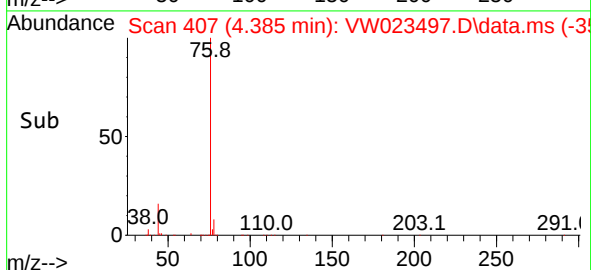
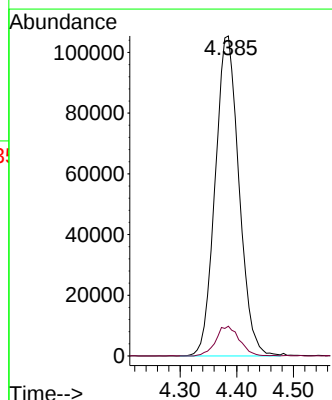
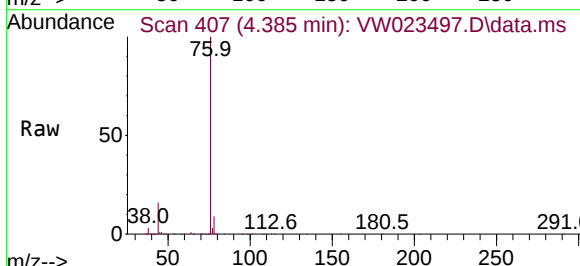
Acq: 21 Jun 2022 08:16

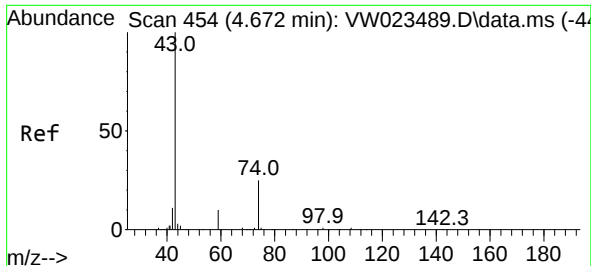
Tgt Ion: 76 Resp: 307622

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

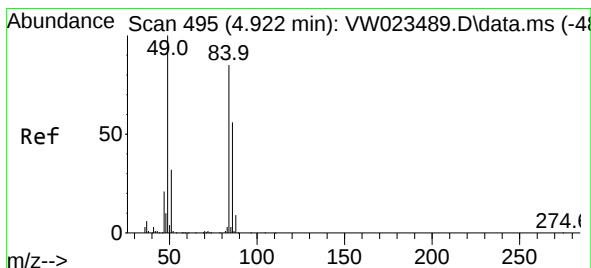
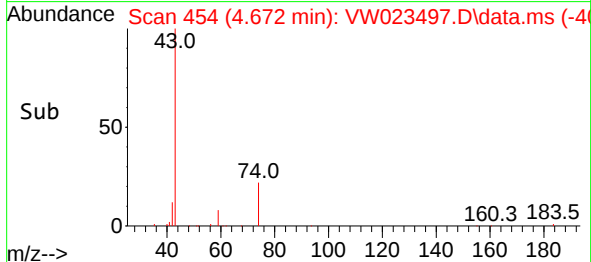
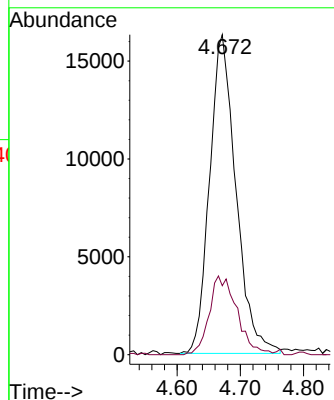
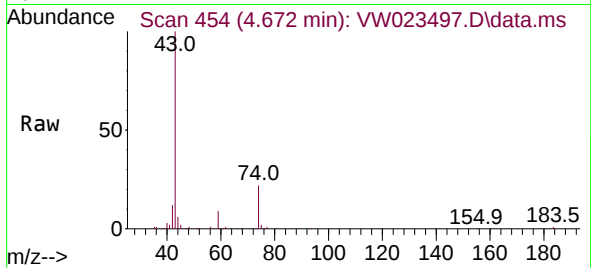




#15
Methyl Acetate
Concen: 25.314 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

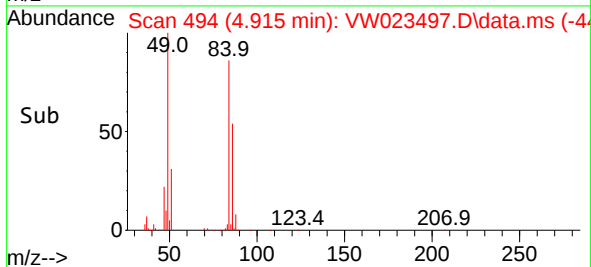
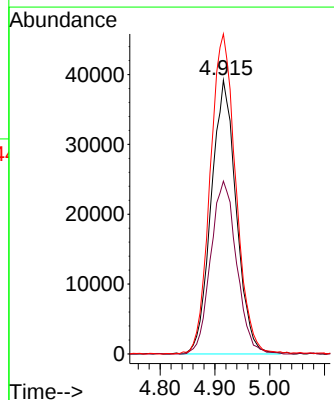
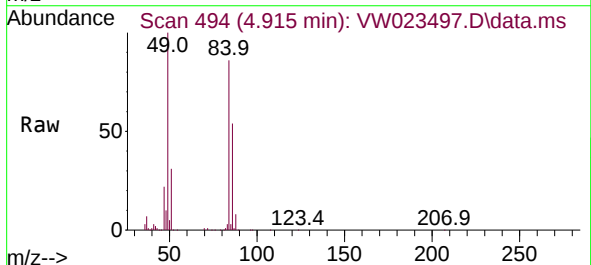
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

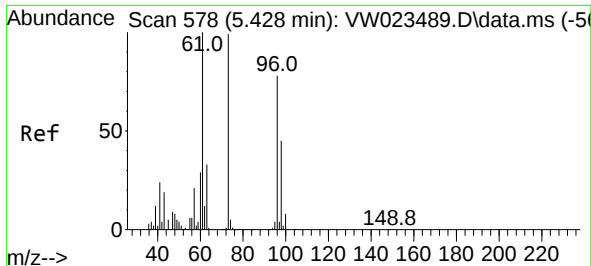
Tgt Ion: 43 Resp: 47083
Ion Ratio Lower Upper
43 100
74 26.1 21.9 32.9



#16
Methylene chloride
Concen: 25.730 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

Tgt Ion: 84 Resp: 124134
Ion Ratio Lower Upper
84 100
86 63.1 45.4 84.4
49 116.9 82.5 153.1

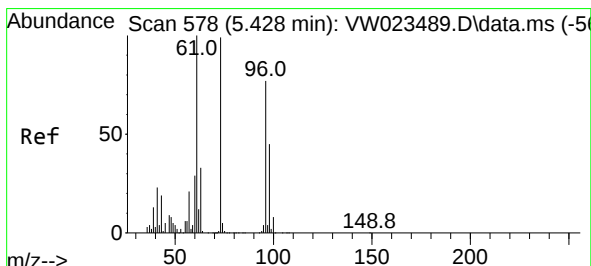
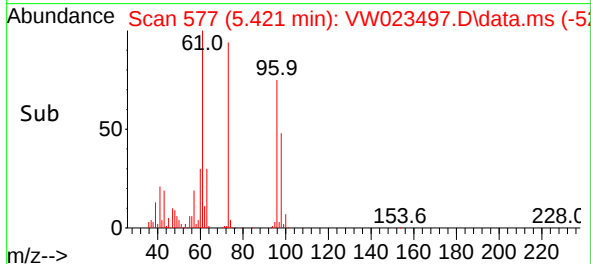
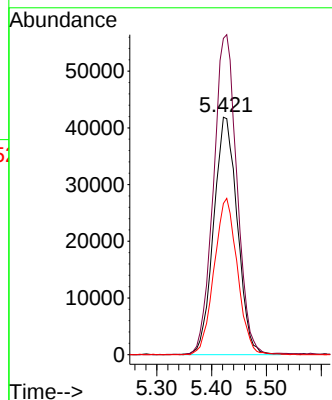
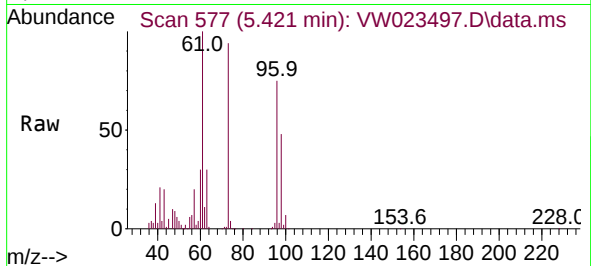




#17
trans-1,2-Dichloroethene
Concen: 27.346 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

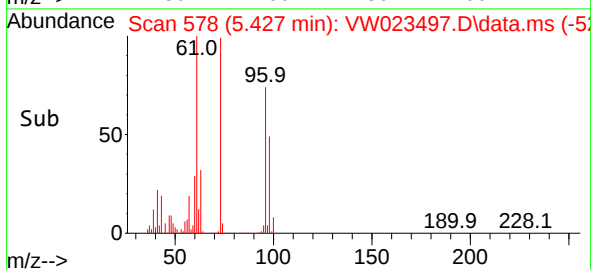
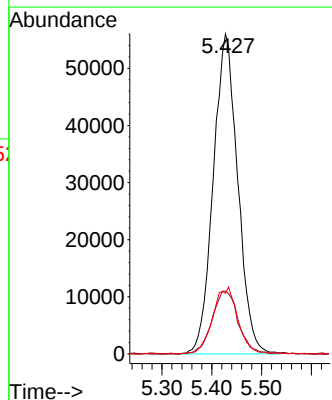
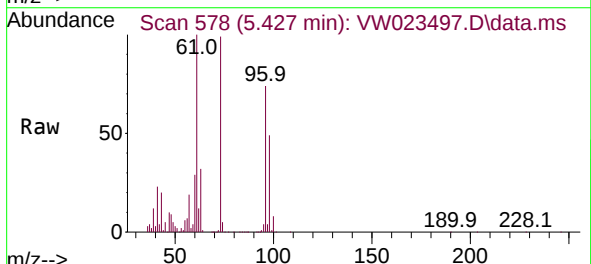
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

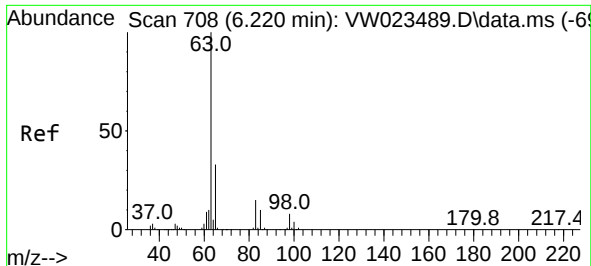
Tgt Ion: 96 Resp: 125670
Ion Ratio Lower Upper
96 100
61 133.2 92.2 171.2
98 63.7 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 27.631 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

Tgt Ion: 73 Resp: 191122
Ion Ratio Lower Upper
73 100
43 21.0 15.9 23.9
57 11.8 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 27.751 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

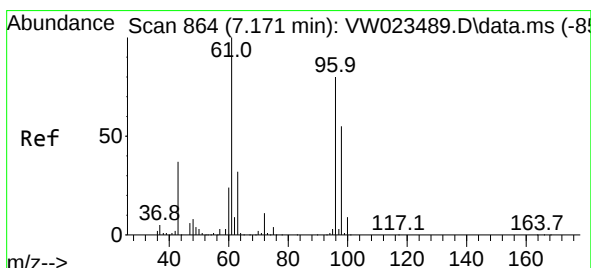
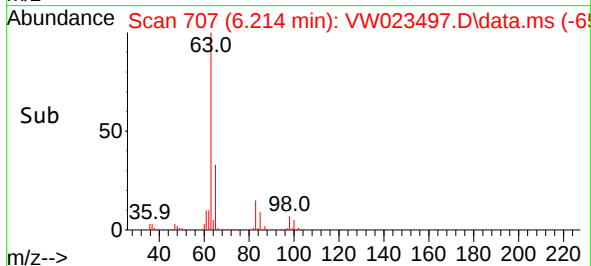
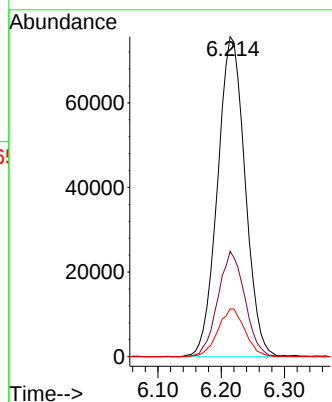
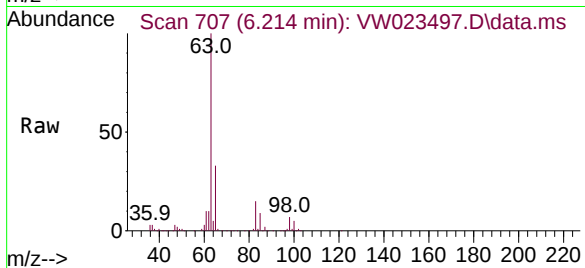
Tgt Ion: 63 Resp: 228442

Ion Ratio Lower Upper

63 100

65 32.9 23.3 43.3

83 15.0 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 27.576 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

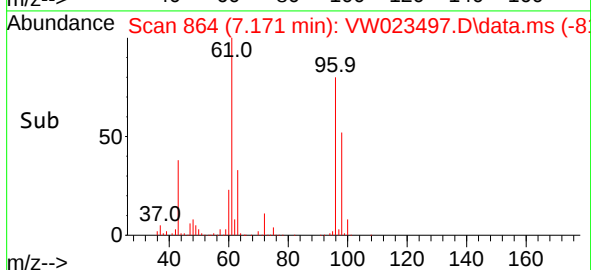
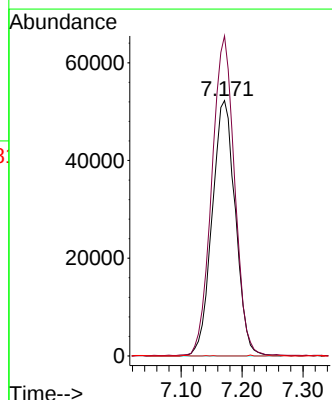
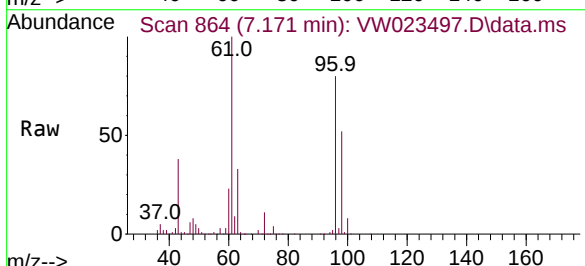
Tgt Ion: 96 Resp: 138589

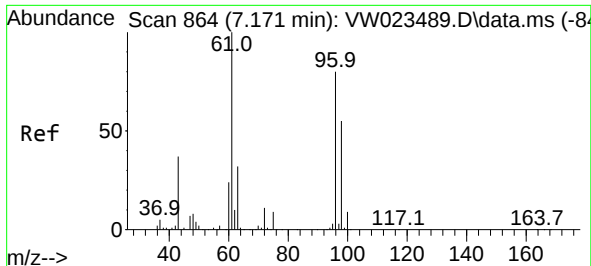
Ion Ratio Lower Upper

96 100

61 125.3 84.2 156.4

68 0.0 0.1 0.1#

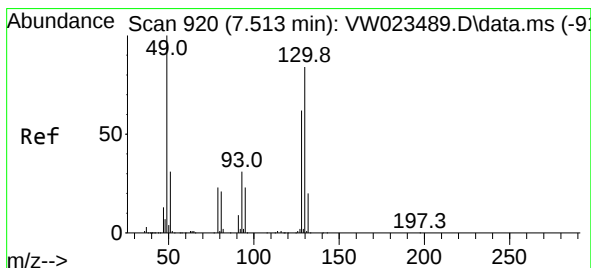
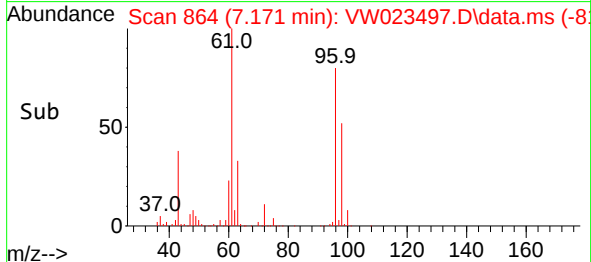
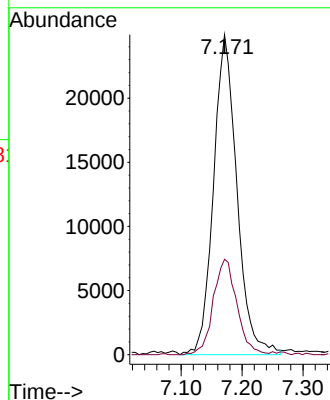
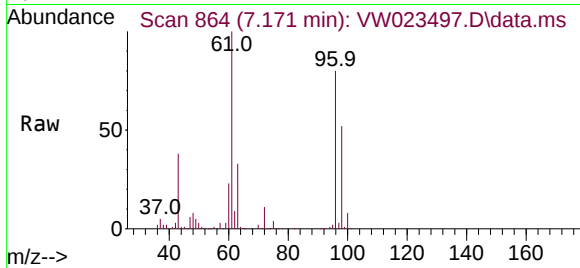




#22
2-Butanone
Concen: 52.287 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

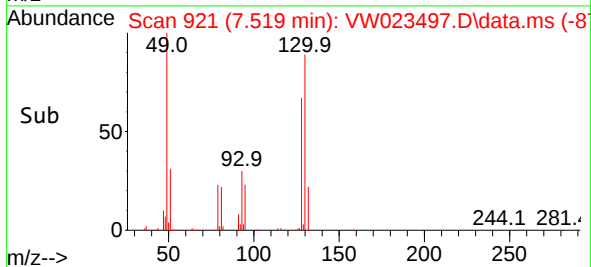
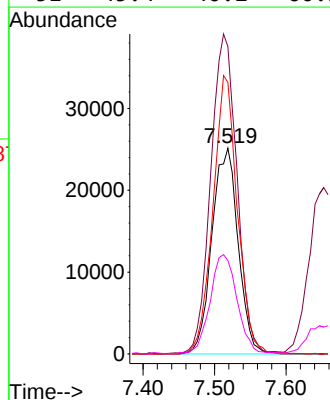
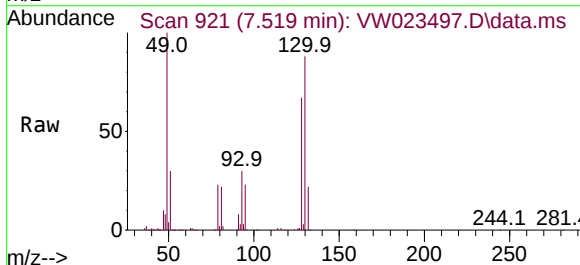
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

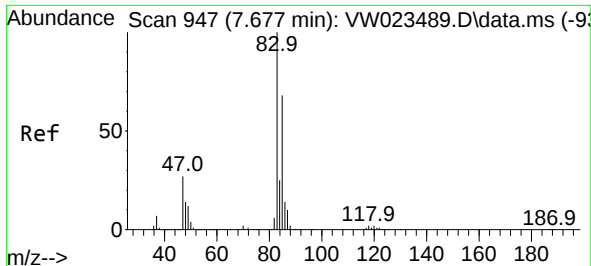
Tgt Ion: 43 Resp: 66672
Ion Ratio Lower Upper
43 100
72 30.0 15.1 45.3



#23
Bromochloromethane
Concen: 27.586 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

Tgt Ion: 128 Resp: 63868
Ion Ratio Lower Upper
128 100
49 149.3 110.0 204.4
130 132.0 94.8 176.0
51 45.4 40.2 60.2





#25

Chloroform

Concen: 27.884 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

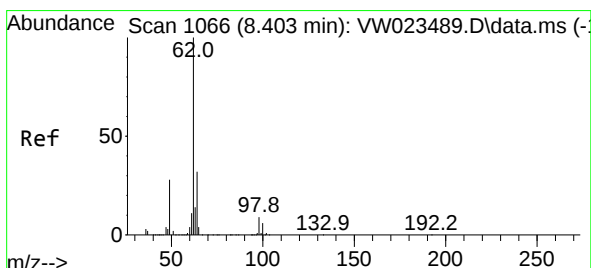
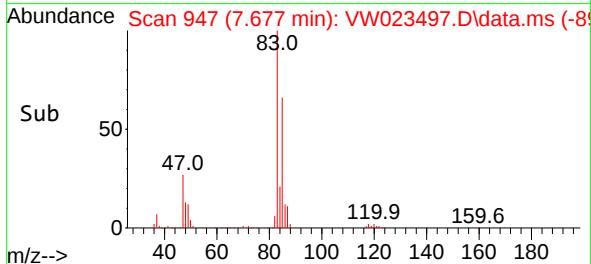
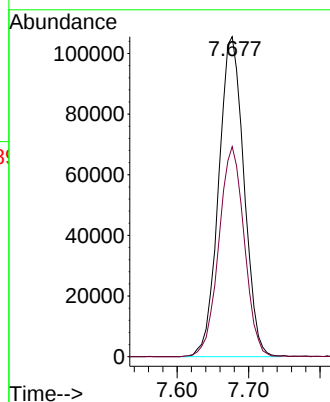
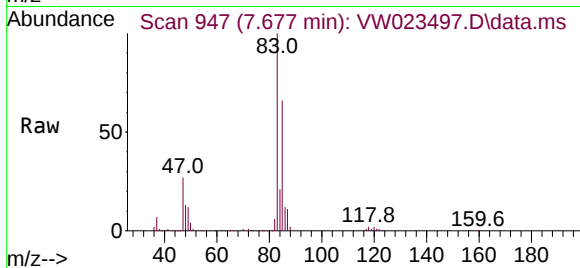
VSTD025576

Tgt Ion: 83 Resp: 259029

Ion Ratio Lower Upper

83 100

85 65.6 46.6 86.6



#27

1,2-Dichloroethane

Concen: 26.268 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW023497.D

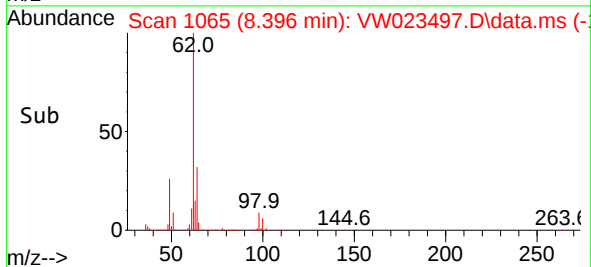
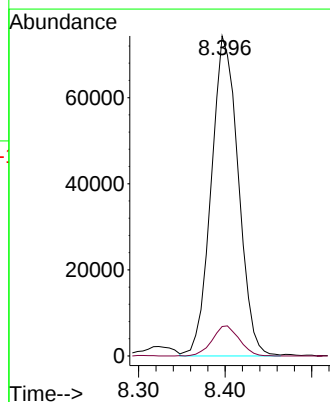
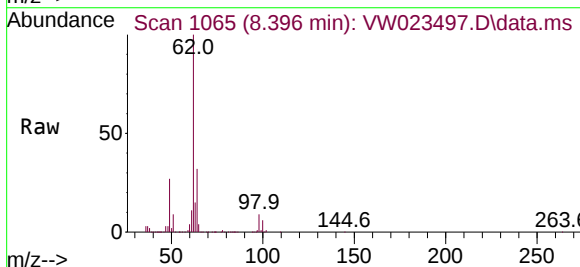
Acq: 21 Jun 2022 08:16

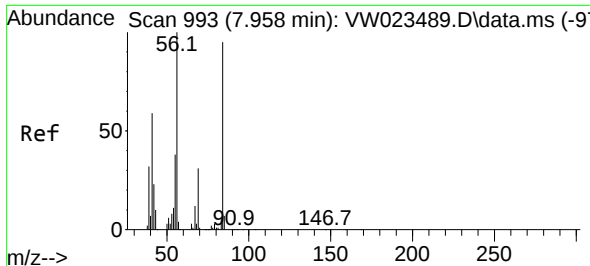
Tgt Ion: 62 Resp: 161381

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 27.635 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

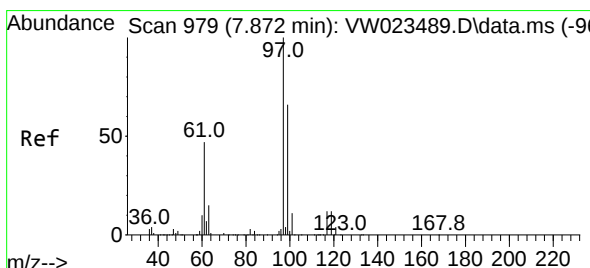
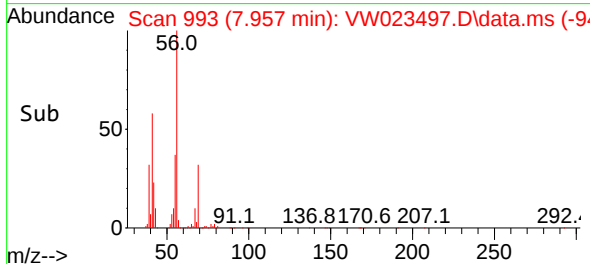
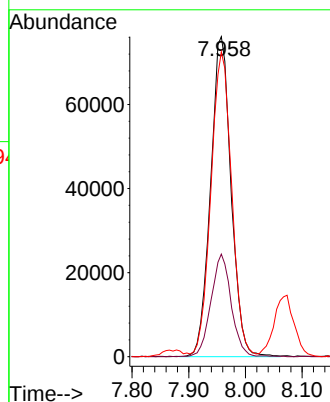
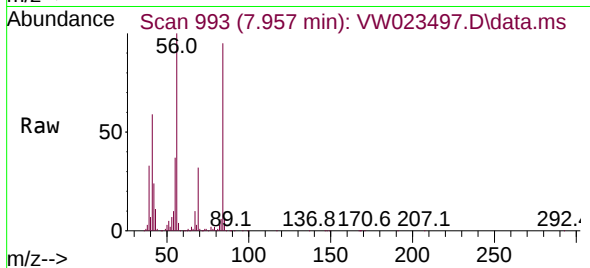
Tgt Ion: 56 Resp: 191363

Ion Ratio Lower Upper

56 100

69 31.4 25.6 38.4

84 96.2 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 28.113 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

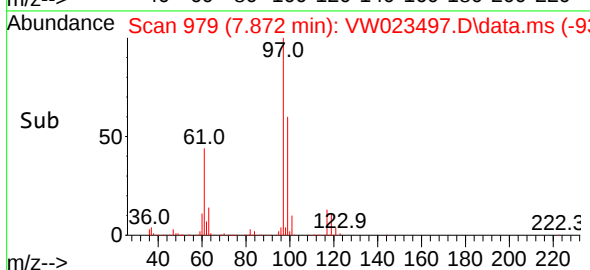
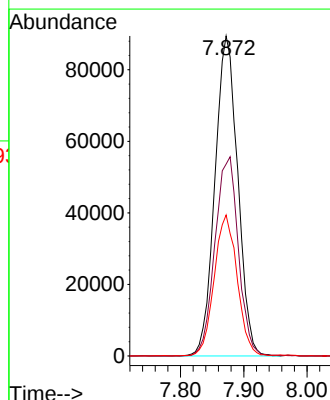
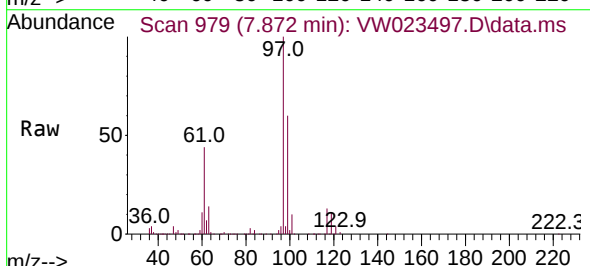
Tgt Ion: 97 Resp: 223724

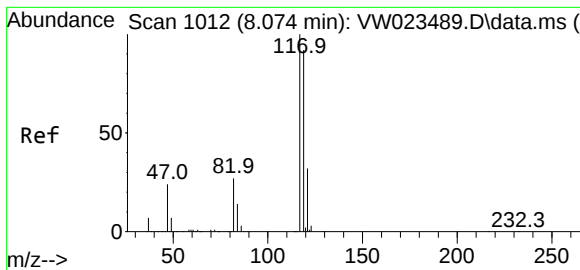
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 44.4 34.8 52.2

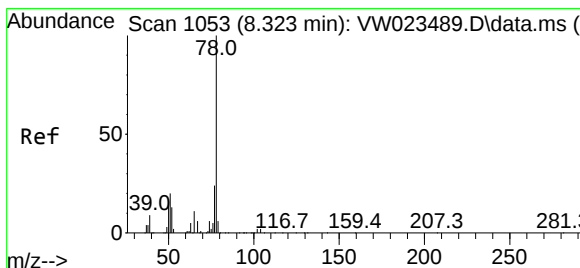
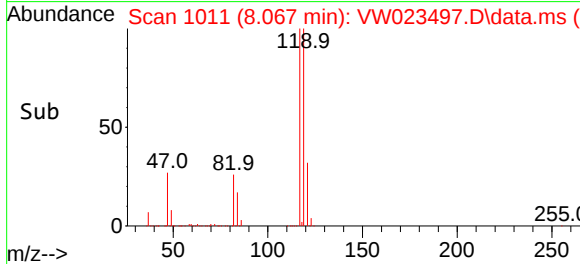
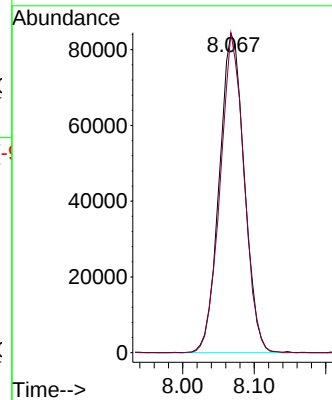
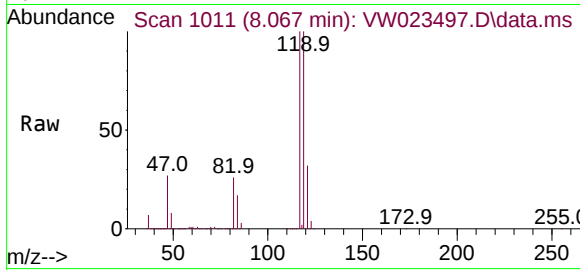




#31
Carbon tetrachloride
Concen: 27.917 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

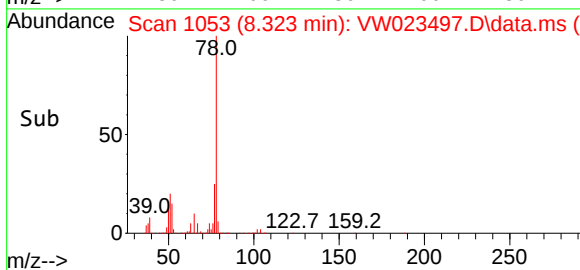
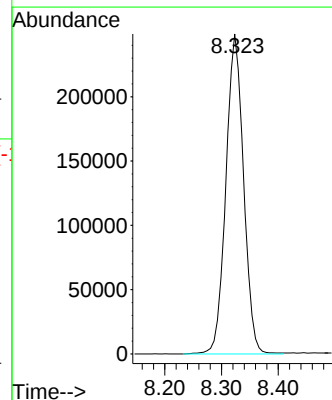
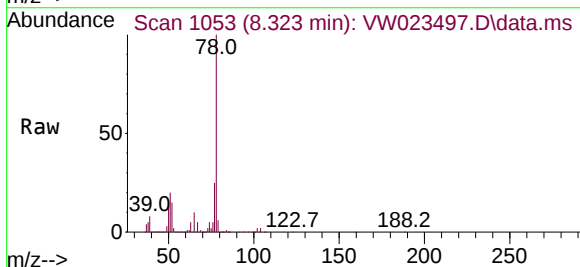
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

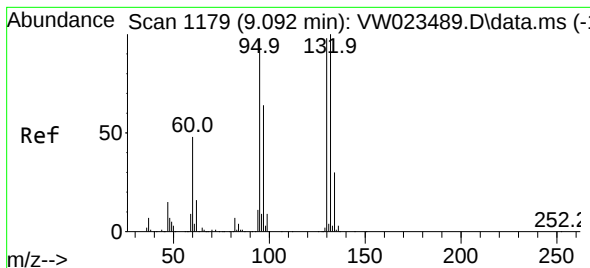
Tgt Ion:117 Resp: 204673
Ion Ratio Lower Upper
117 100
119 95.7 76.6 115.0



#33
Benzene
Concen: 27.118 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

Tgt Ion: 78 Resp: 538566





#34

Trichloroethene

Concen: 27.294 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

Tgt Ion: 95 Resp: 145291

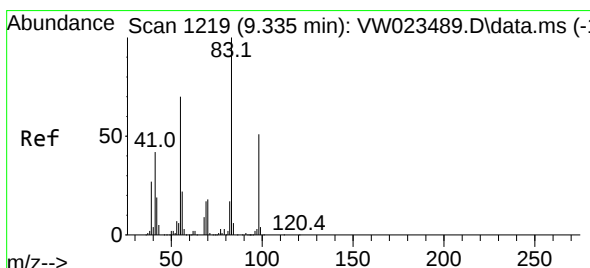
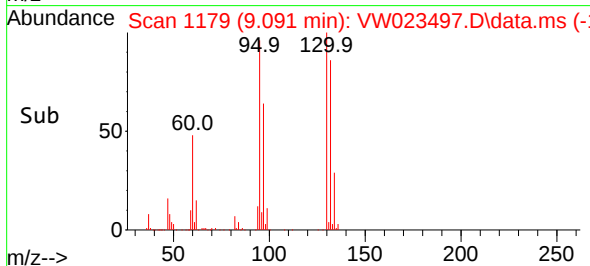
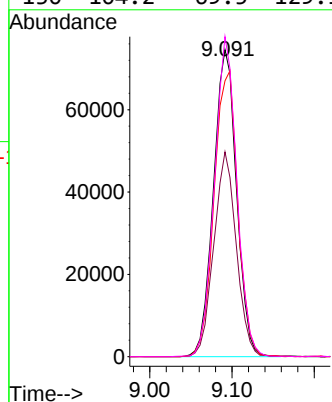
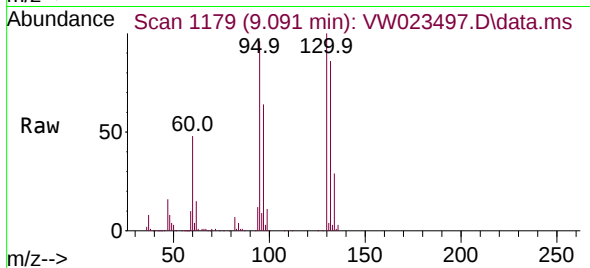
Ion Ratio Lower Upper

95 100

97 66.7 46.1 85.7

132 89.8 66.9 124.3

130 104.2 69.5 129.1



#35

Methylcyclohexane

Concen: 27.055 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

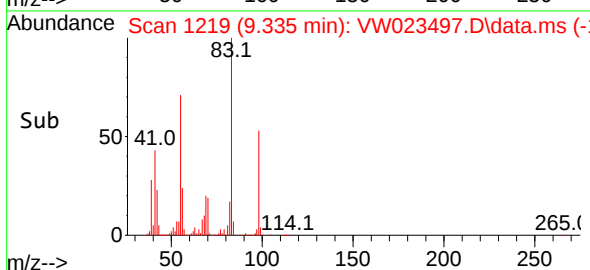
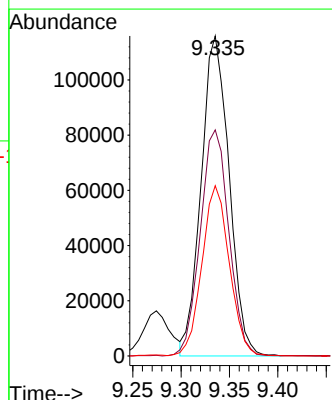
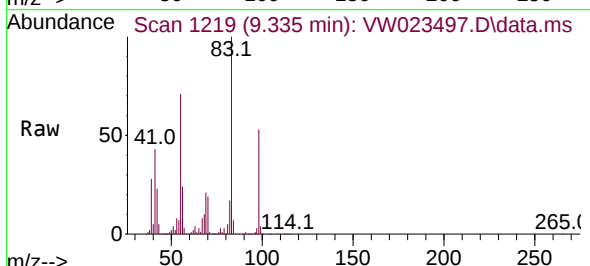
Tgt Ion: 83 Resp: 233159

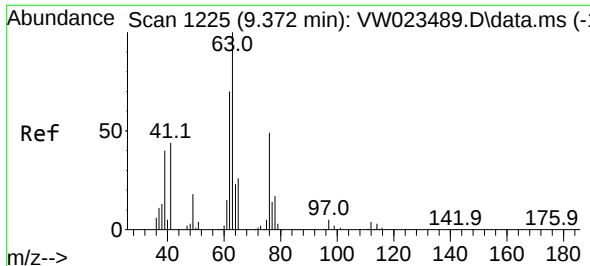
Ion Ratio Lower Upper

83 100

55 72.3 55.1 82.7

98 52.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 27.267 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

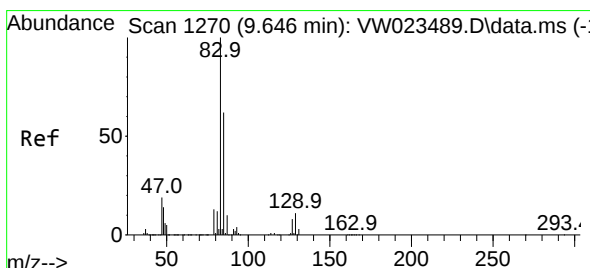
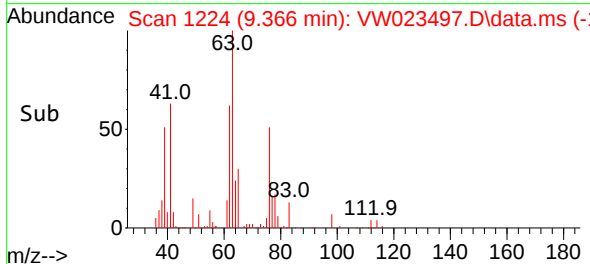
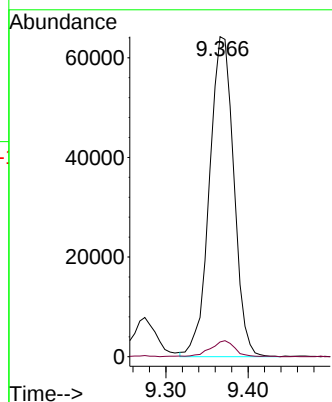
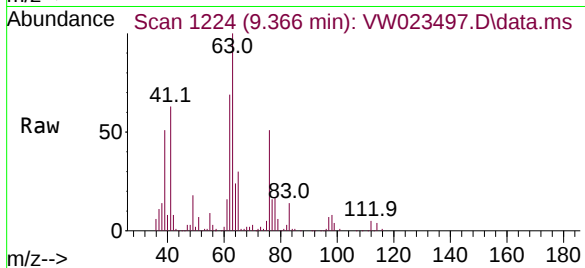
VSTD025576

Tgt Ion: 63 Resp: 132339

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 27.193 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

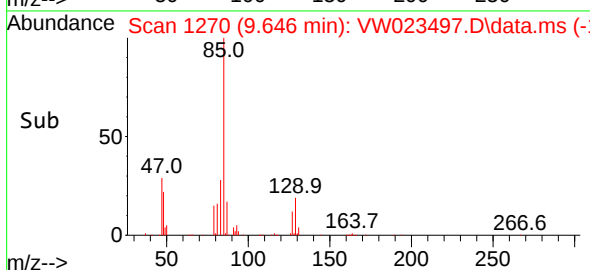
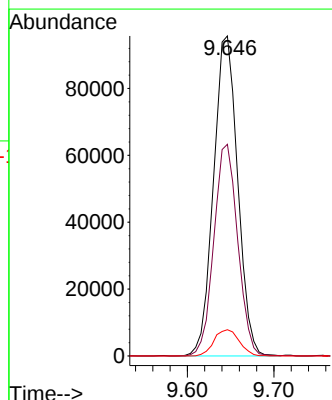
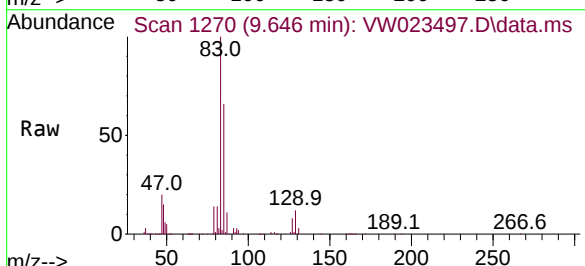
Tgt Ion: 83 Resp: 185621

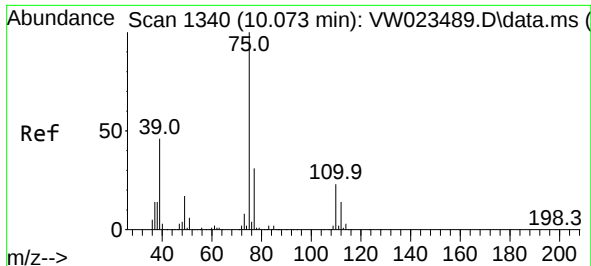
Ion Ratio Lower Upper

83 100

85 66.1 43.5 80.7

127 8.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 27.595 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

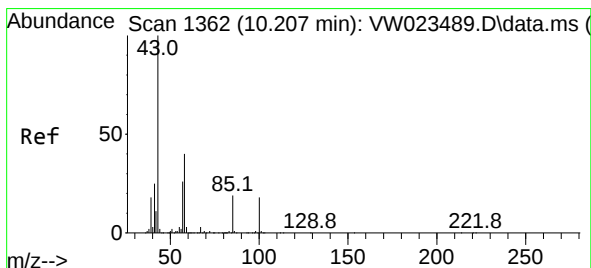
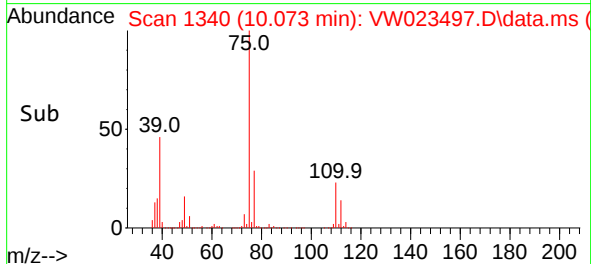
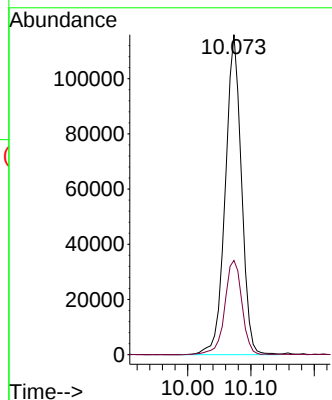
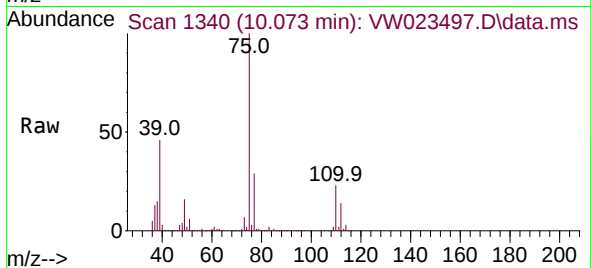
VSTD025576

Tgt Ion: 75 Resp: 205236

Ion Ratio Lower Upper

75 100

77 29.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 50.884 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

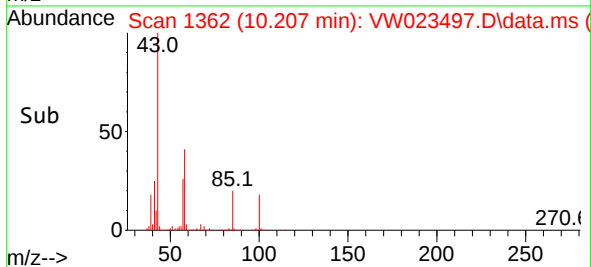
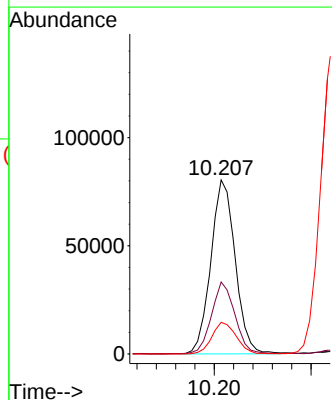
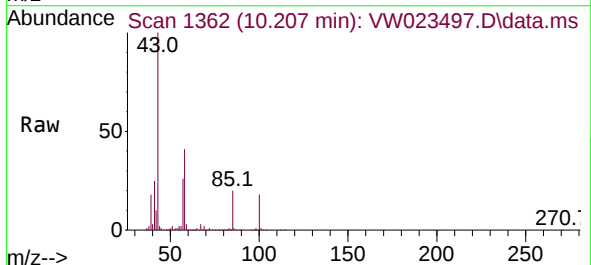
Tgt Ion: 43 Resp: 140857

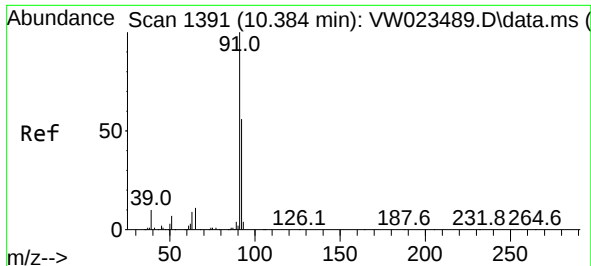
Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.2

100 18.1 14.2 21.4

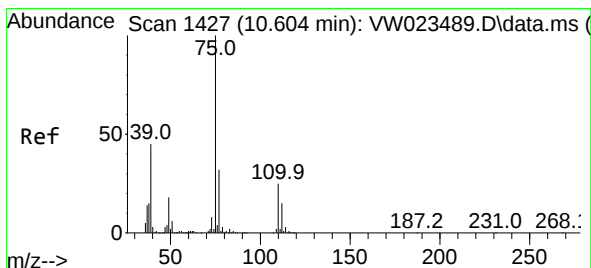
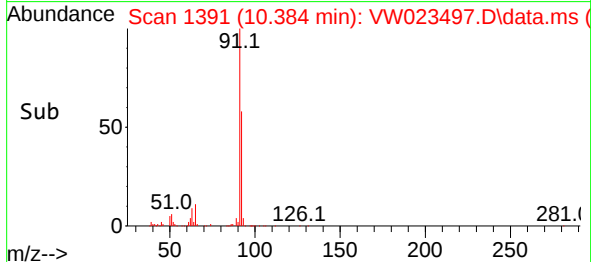
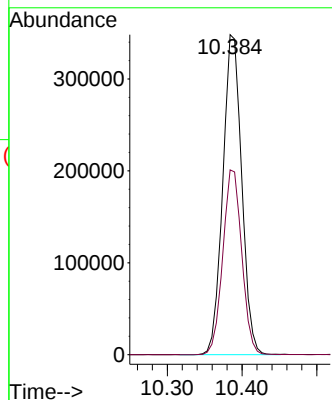
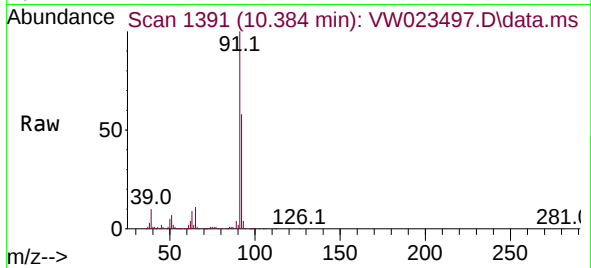




#42
Toluene
Concen: 27.611 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

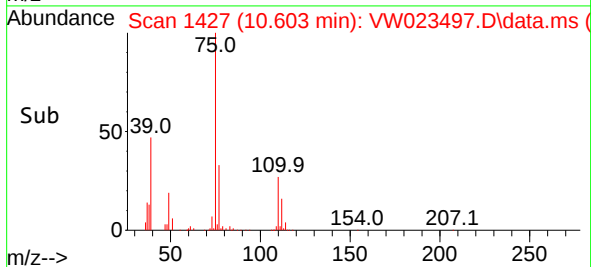
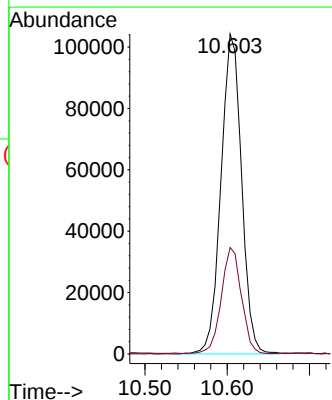
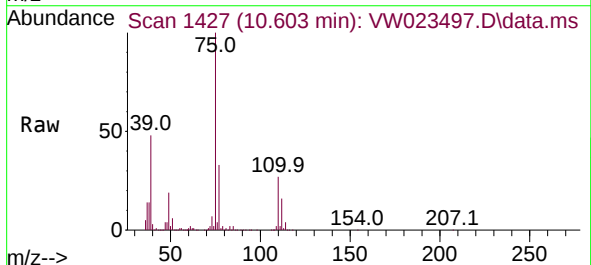
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

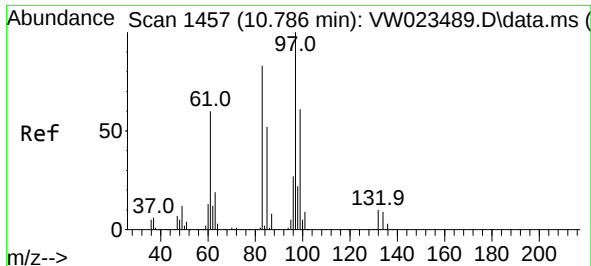
Tgt Ion: 91 Resp: 612663
Ion Ratio Lower Upper
91 100
92 57.8 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 27.091 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

Tgt Ion: 75 Resp: 181807
Ion Ratio Lower Upper
75 100
77 33.3 22.0 40.8



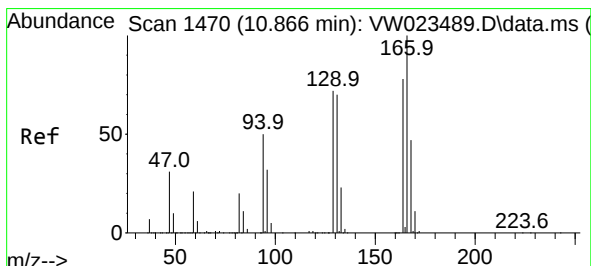
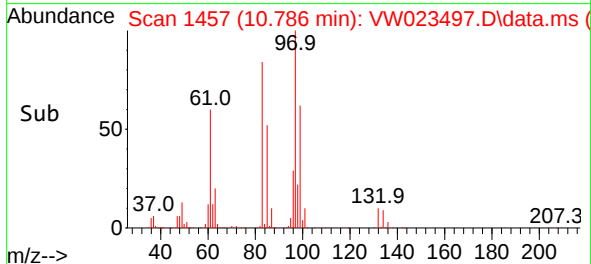
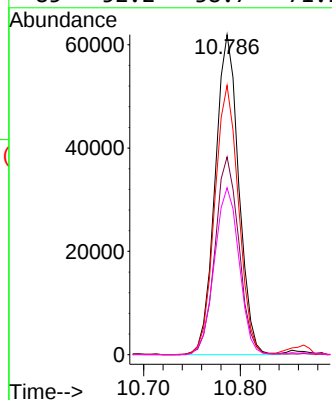
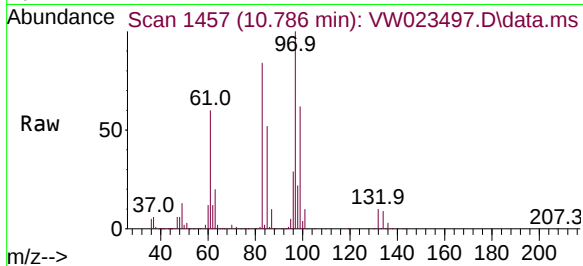


#45
1,1,2-Trichloroethane
Concen: 26.381 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

Tgt Ion: 97 Resp: 105174

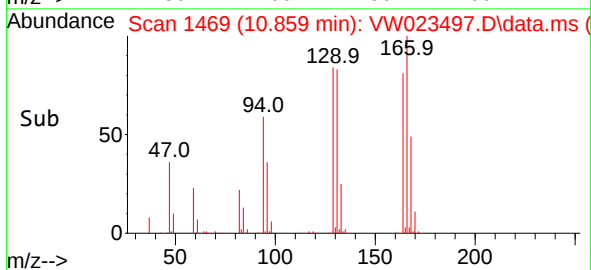
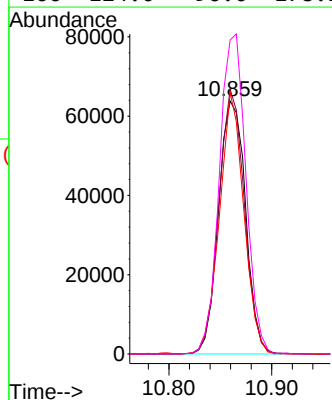
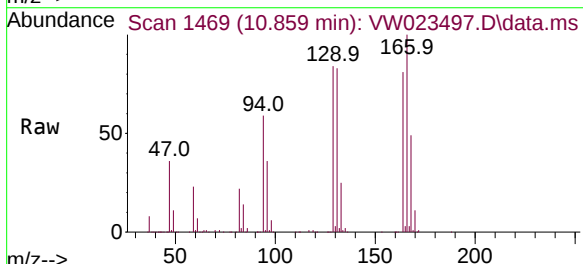
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.7	82.9
83	84.2	58.4	108.4
85	52.2	38.7	71.9

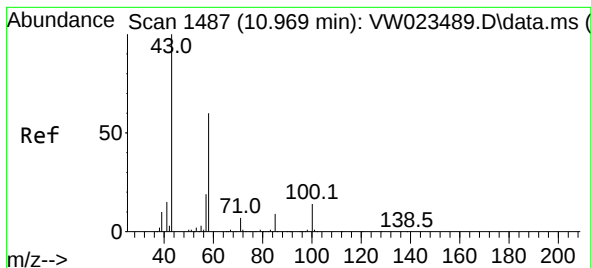


#46
Tetrachloroethene
Concen: 28.287 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

Tgt Ion: 164 Resp: 116243

Ion	Ratio	Lower	Upper
164	100		
129	104.7	76.9	142.7
131	103.3	75.1	139.5
166	124.0	96.0	178.2





#48

2-Hexanone

Concen: 54.642 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

Tgt Ion: 43 Resp: 102224

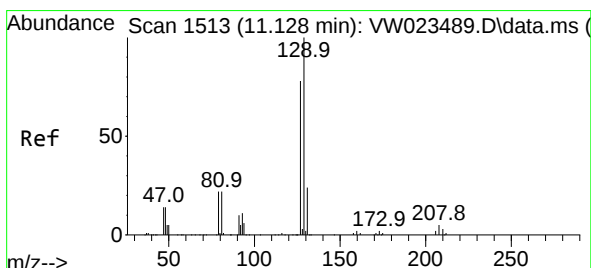
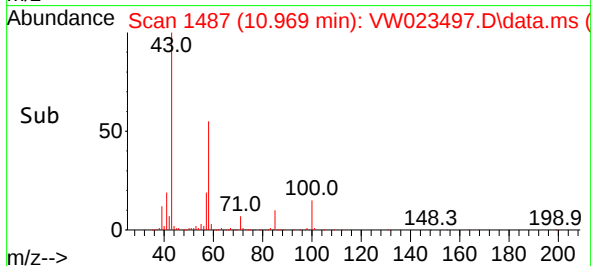
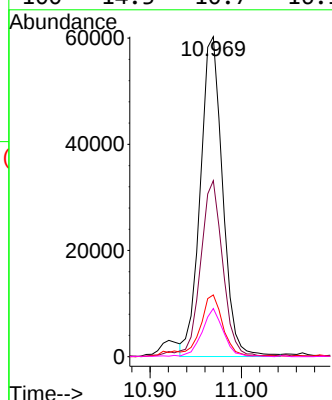
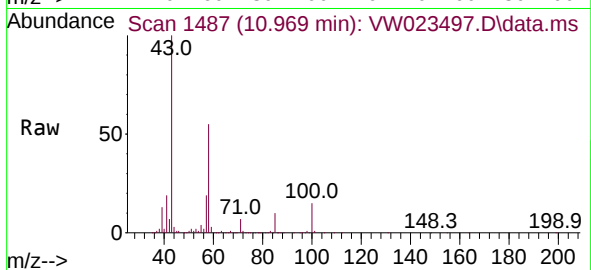
Ion Ratio Lower Upper

43 100

58 55.3 45.9 68.9

57 18.5 16.2 24.2

100 14.3 10.7 16.1



#49

Dibromochloromethane

Concen: 27.353 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023497.D

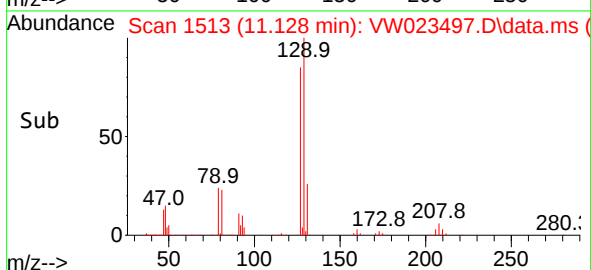
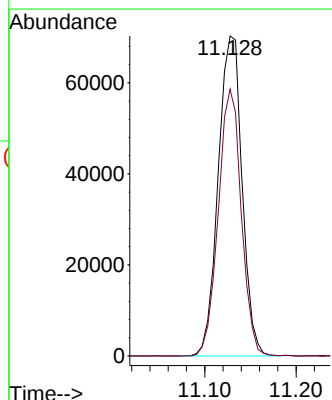
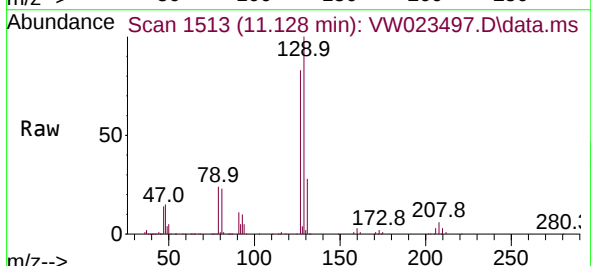
Acq: 21 Jun 2022 08:16

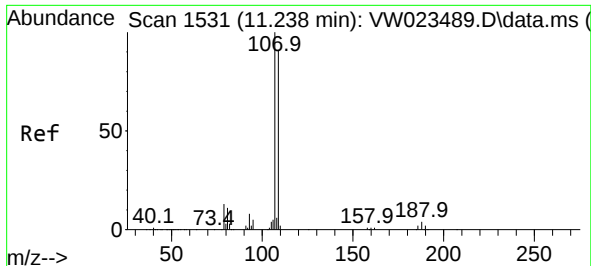
Tgt Ion:129 Resp: 127711

Ion Ratio Lower Upper

129 100

127 83.3 53.8 100.0





#50

1,2-Dibromoethane

Concen: 27.052 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

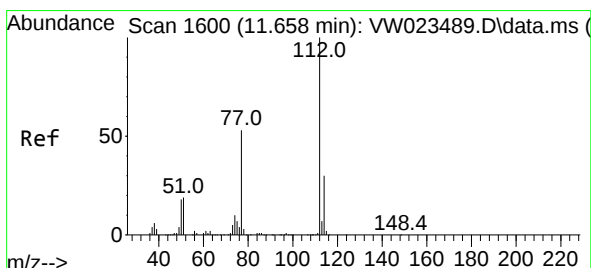
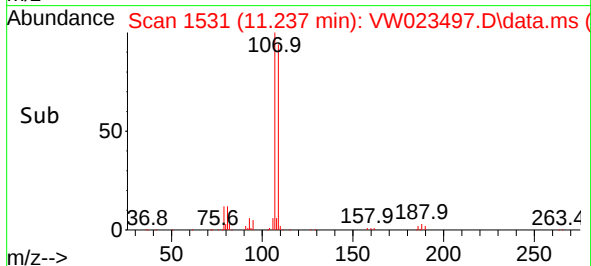
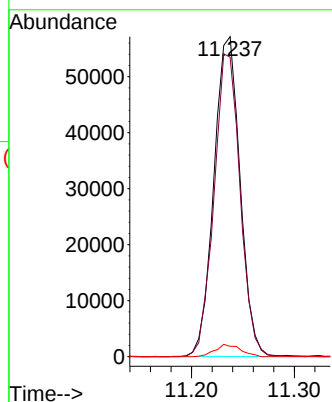
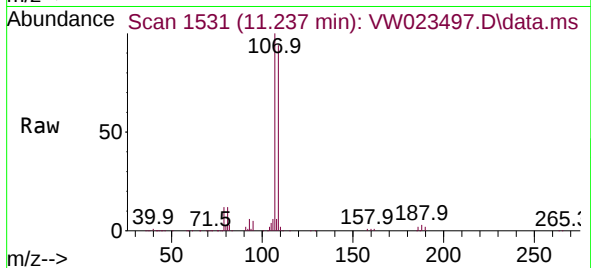
Tgt Ion:107 Resp: 100819

Ion Ratio Lower Upper

107 100

109 93.6 67.5 125.4

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 26.920 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

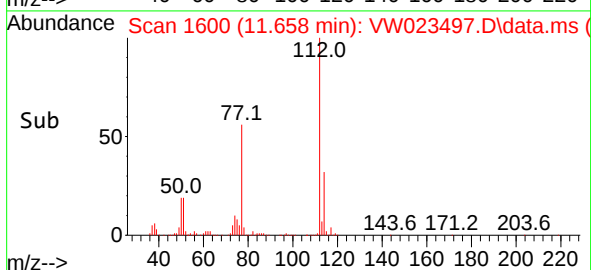
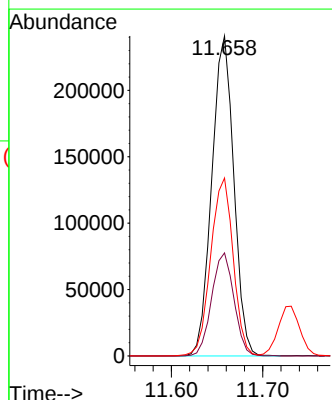
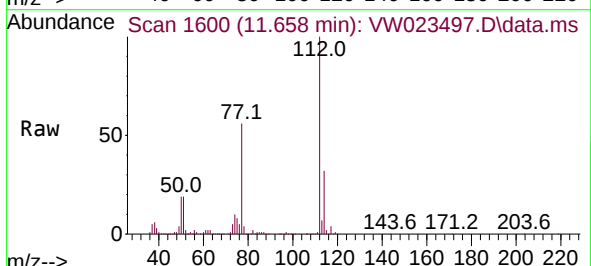
Tgt Ion:112 Resp: 403129

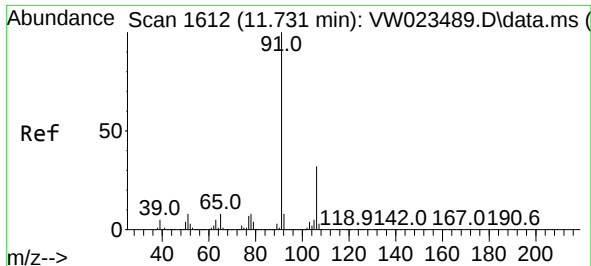
Ion Ratio Lower Upper

112 100

114 32.2 22.0 41.0

77 55.6 42.6 63.8

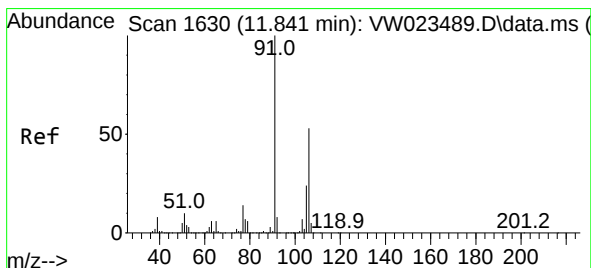
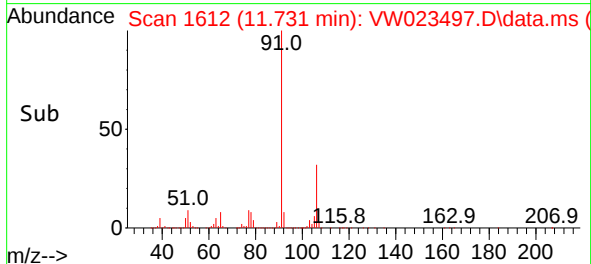
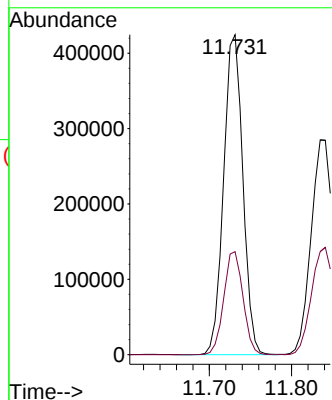
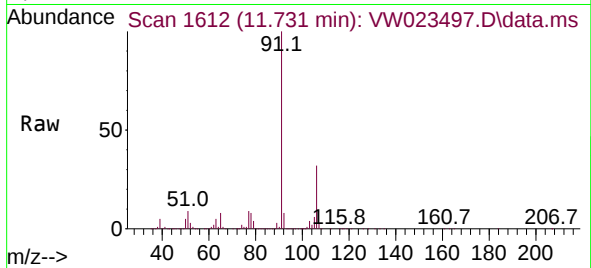




#52
Ethylbenzene
Concen: 27.397 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

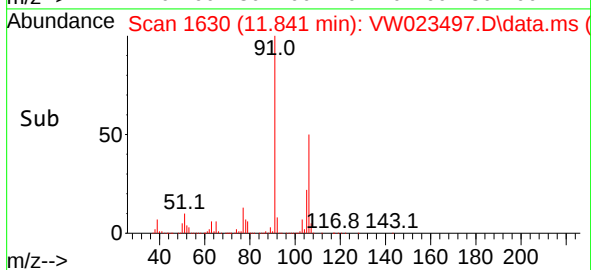
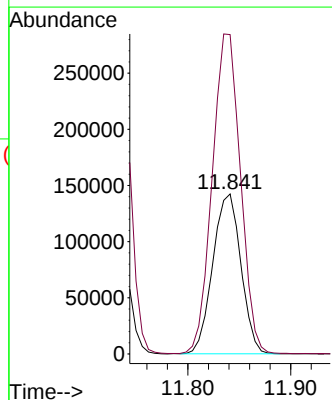
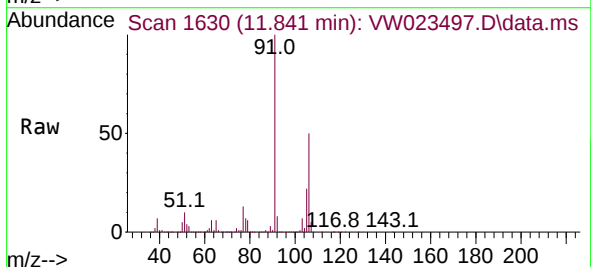
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

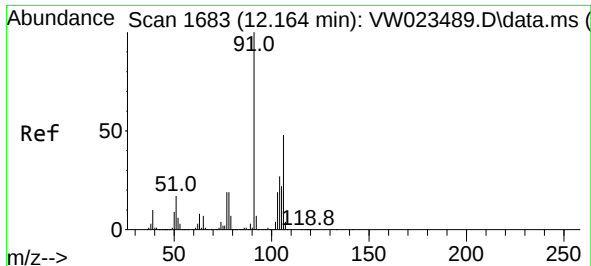
Tgt Ion: 91 Resp: 690925
Ion Ratio Lower Upper
91 100
106 32.2 22.3 41.3



#53
m,p-Xylene
Concen: 27.567 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

Tgt Ion:106 Resp: 270575
Ion Ratio Lower Upper
106 100
91 199.6 136.8 254.0

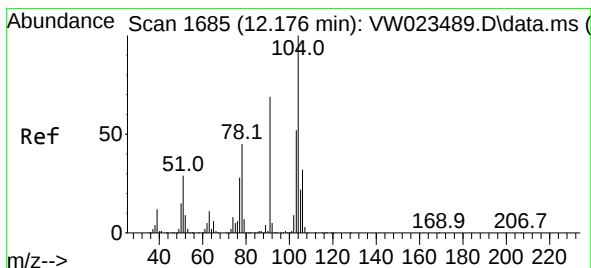
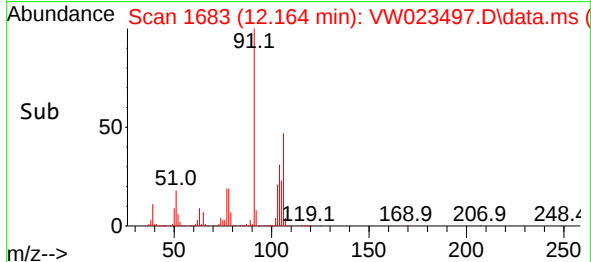
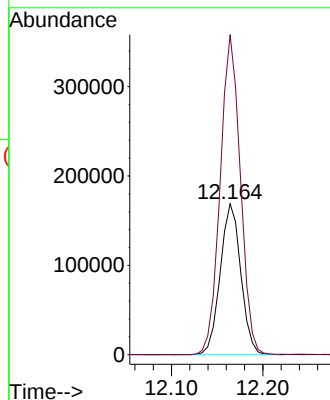
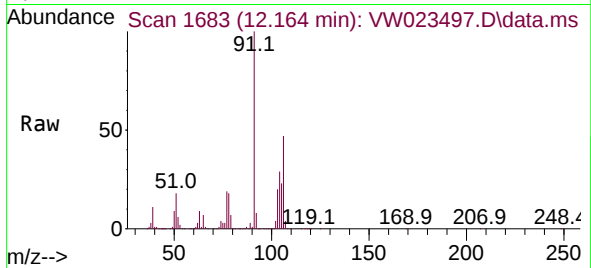




#54
o-Xylene
Concen: 28.140 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

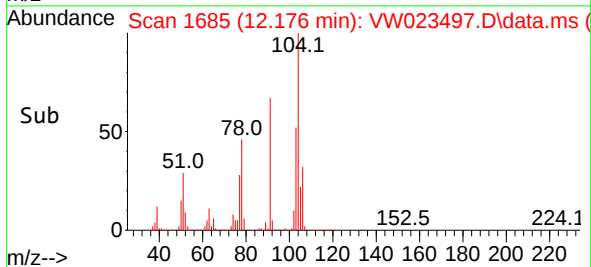
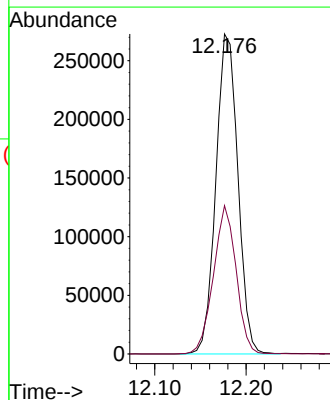
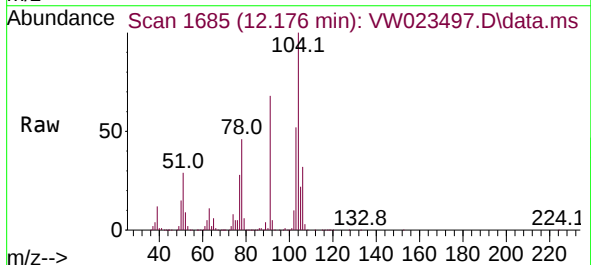
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

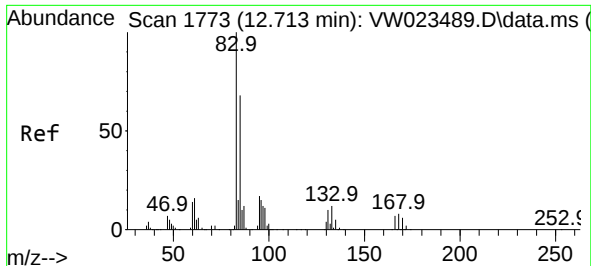
Tgt Ion:106 Resp: 263936
Ion Ratio Lower Upper
106 100
91 212.1 147.2 273.4



#55
Styrene
Concen: 28.015 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

Tgt Ion:104 Resp: 456879
Ion Ratio Lower Upper
104 100
78 46.4 32.3 59.9





#57

1,1,2-Tetrachloroethane

Concen: 26.403 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

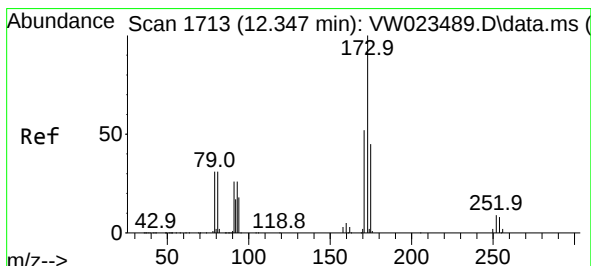
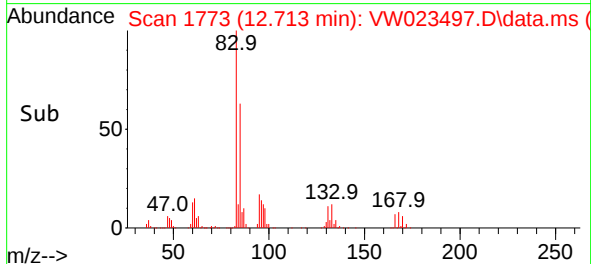
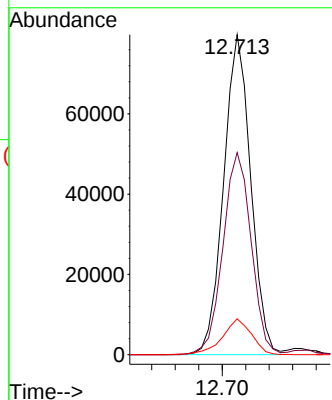
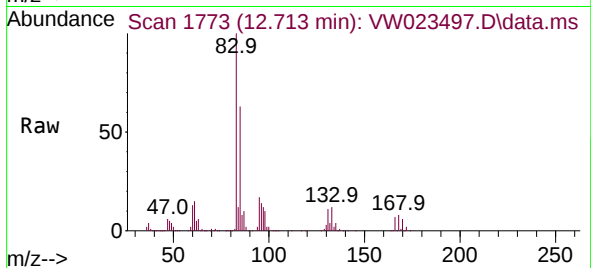
Tgt Ion: 83 Resp: 127830

Ion Ratio Lower Upper

83 100

85 63.2 47.5 88.1

131 11.2 8.7 13.1



#59

Bromoform

Concen: 27.183 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

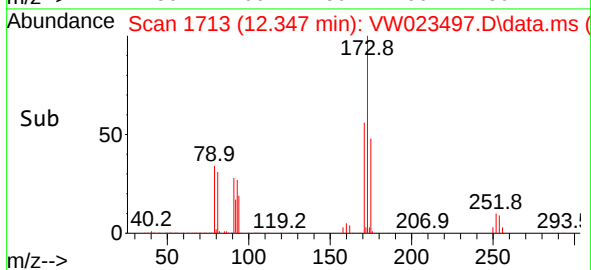
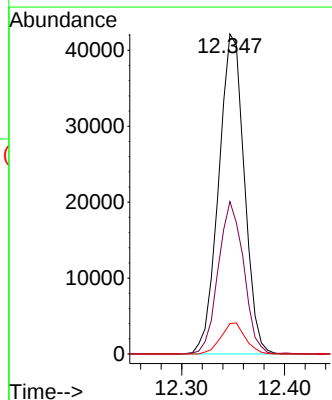
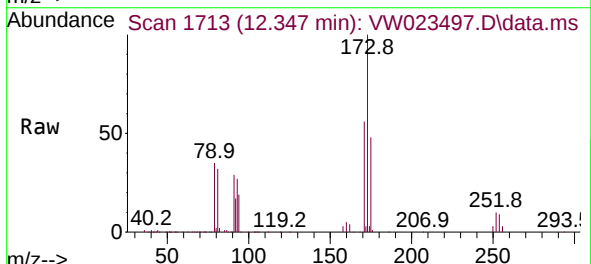
Tgt Ion: 173 Resp: 72957

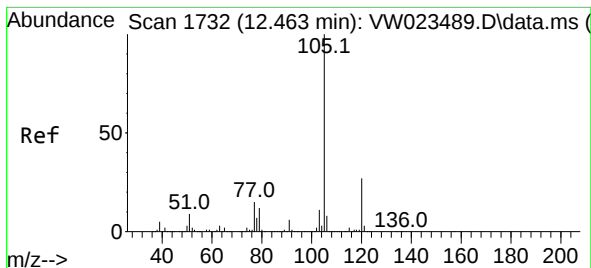
Ion Ratio Lower Upper

173 100

175 47.1 38.1 57.1

254 9.2 6.5 9.7

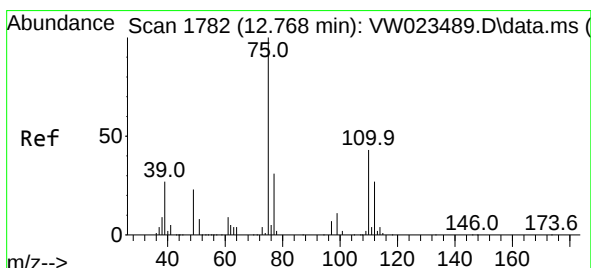
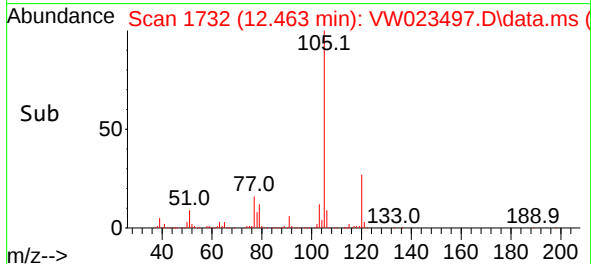
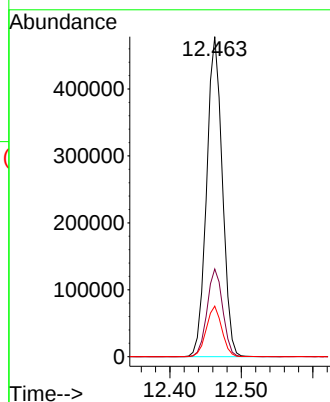
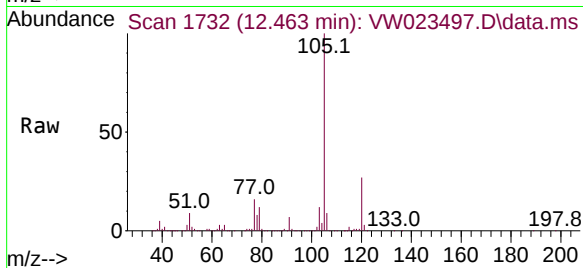




#60
Isopropylbenzene
Concen: 26.946 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

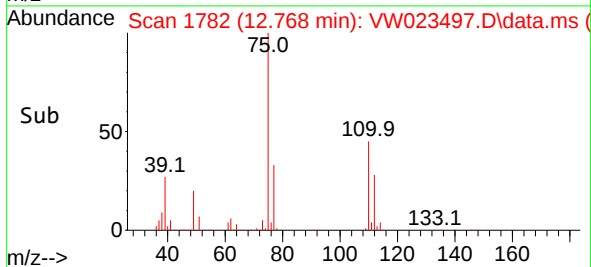
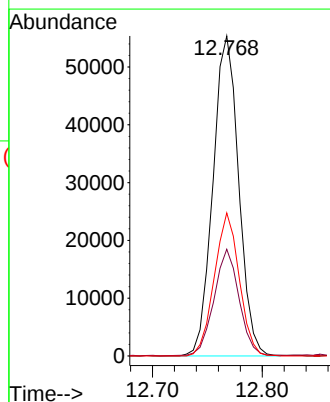
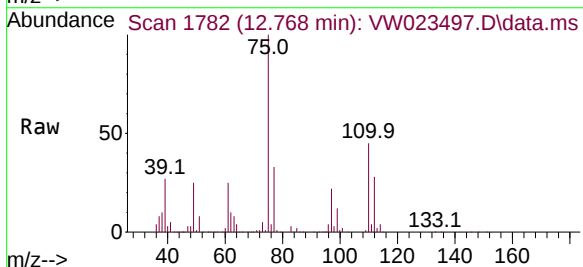
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

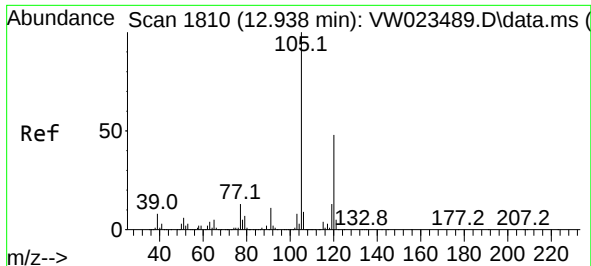
Tgt Ion:105 Resp: 728300
Ion Ratio Lower Upper
105 100
120 27.3 21.3 31.9
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 25.122 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

Tgt Ion: 75 Resp: 90256
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 43.3 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 27.215 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

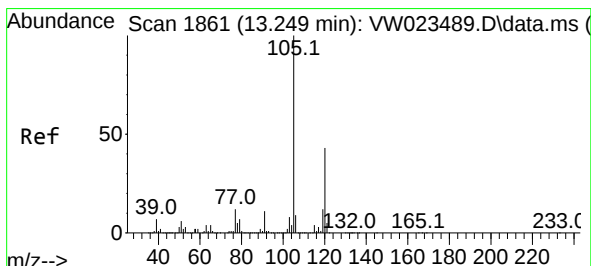
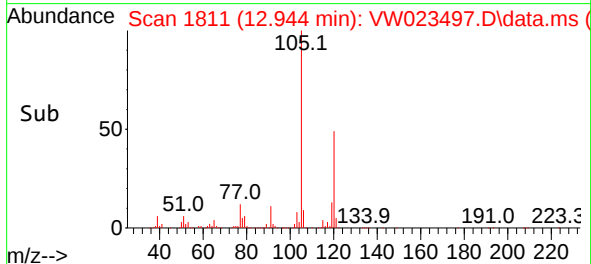
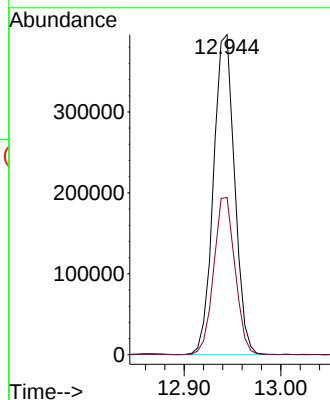
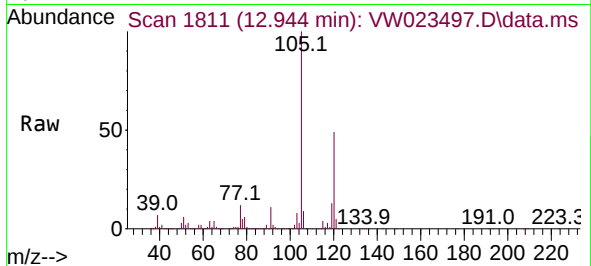
VSTD025576

Tgt Ion:105 Resp: 601583

Ion Ratio Lower Upper

105 100

120 49.5 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 27.530 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023497.D

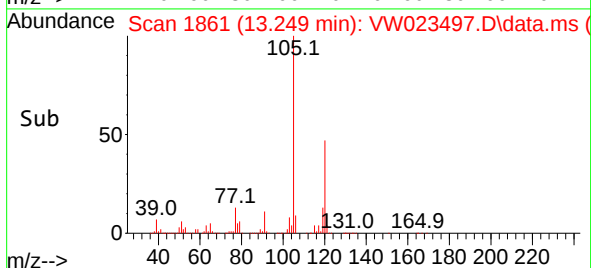
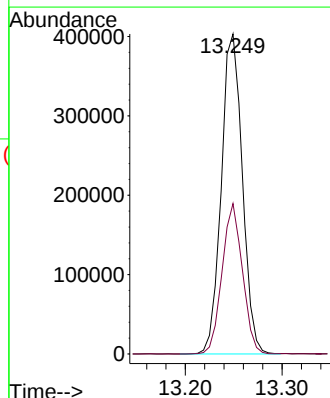
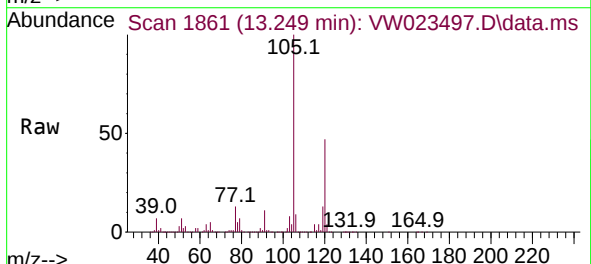
Acq: 21 Jun 2022 08:16

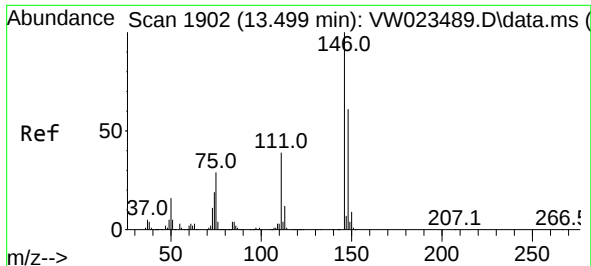
Tgt Ion:105 Resp: 608973

Ion Ratio Lower Upper

105 100

120 45.4 37.4 56.2

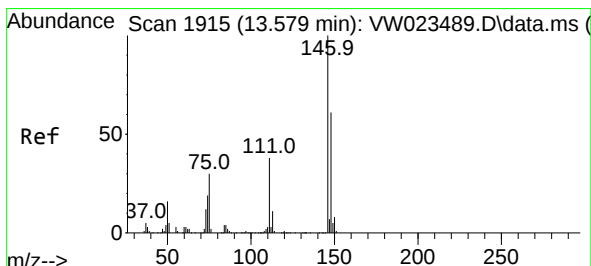
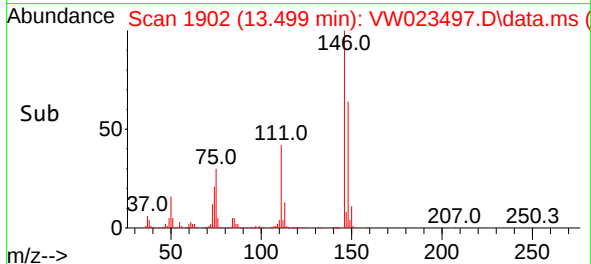
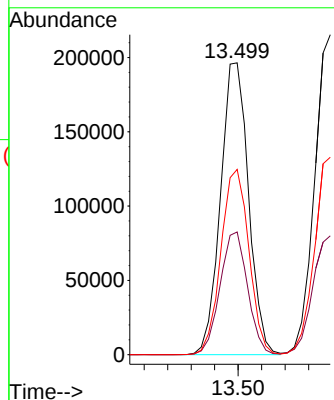
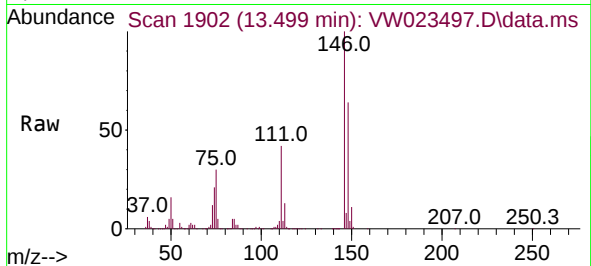




#64
1,3-Dichlorobenzene
Concen: 27.161 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

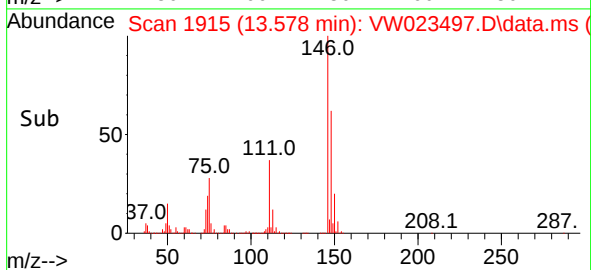
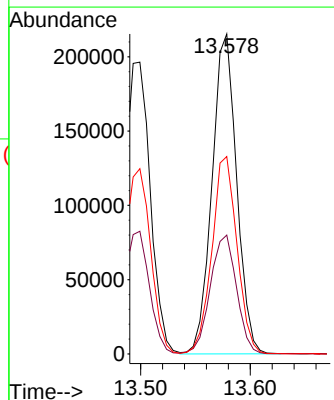
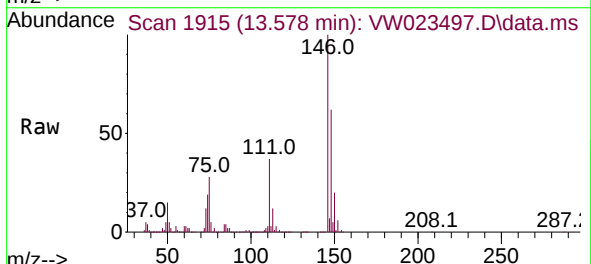
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

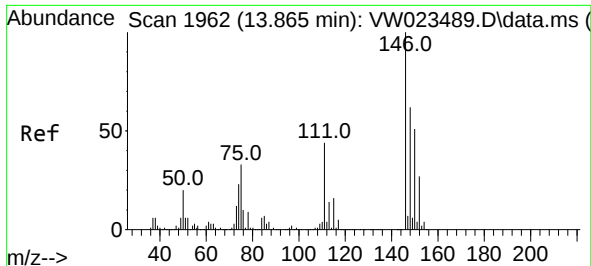
Tgt Ion:146 Resp: 325664
Ion Ratio Lower Upper
146 100
111 42.0 29.5 54.9
148 63.5 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 27.457 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023497.D
Acq: 21 Jun 2022 08:16

Tgt Ion:146 Resp: 336162
Ion Ratio Lower Upper
146 100
111 37.1 27.2 50.4
148 61.7 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 26.632 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

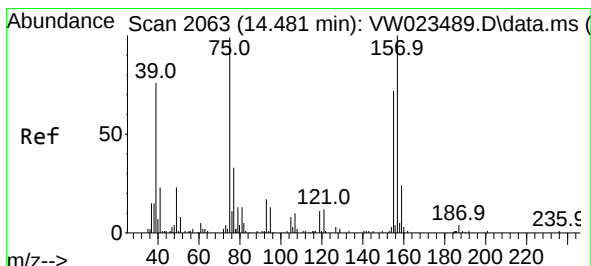
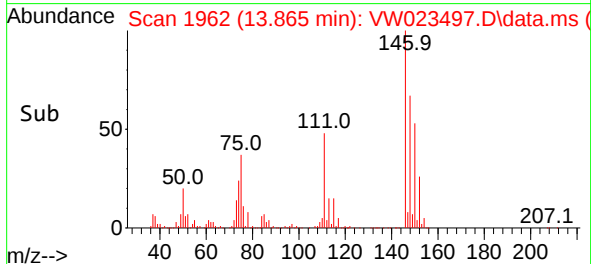
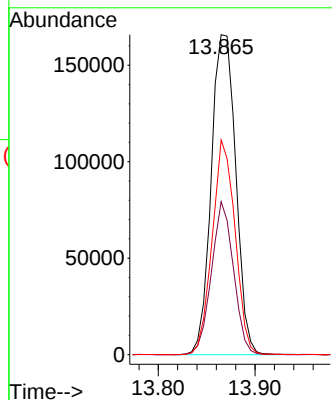
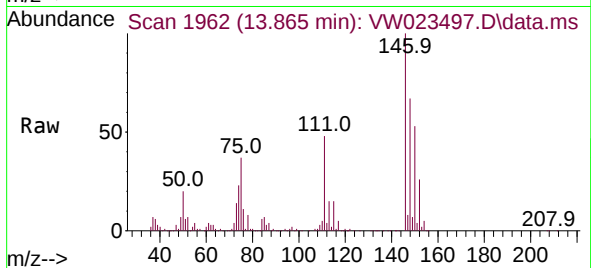
Tgt Ion:146 Resp: 292480

Ion Ratio Lower Upper

146 100

111 47.8 35.7 53.5

148 67.1 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.552 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

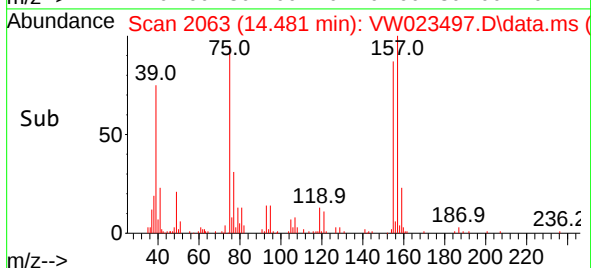
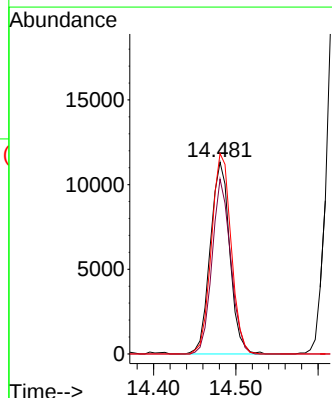
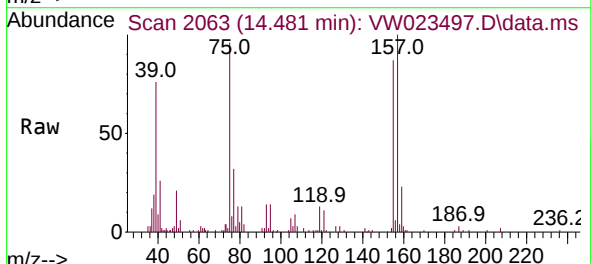
Tgt Ion: 75 Resp: 18684

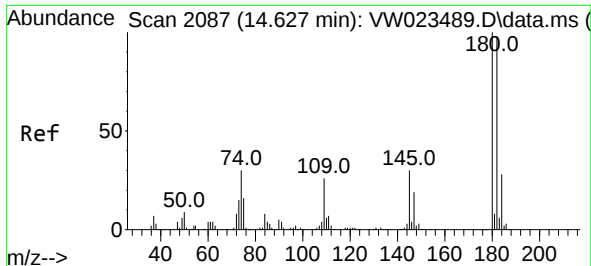
Ion Ratio Lower Upper

75 100

155 91.1 59.3 88.9#

157 104.5 89.8 134.8

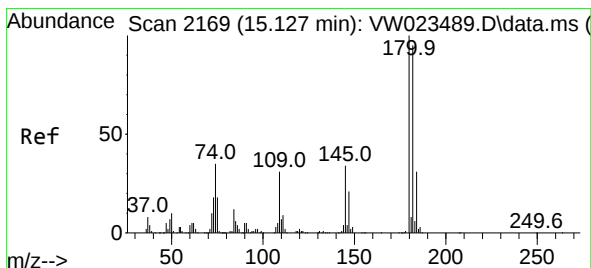
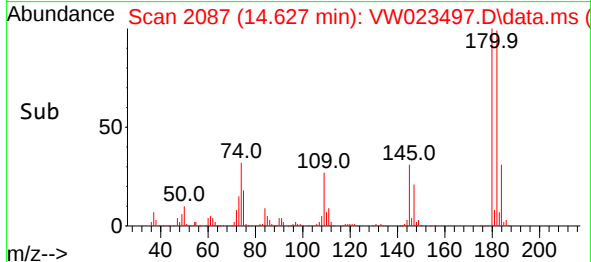
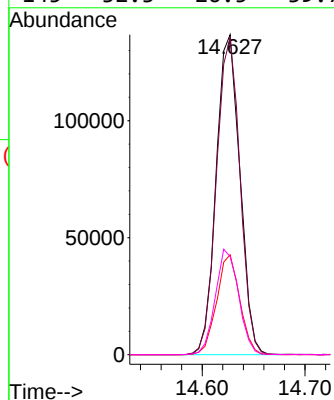
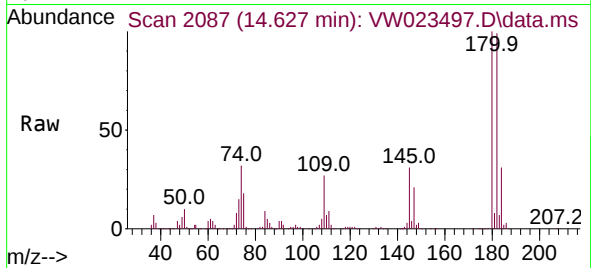




#69
 1,3,5-Trichlorobenzene
 Concen: 28.023 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW023497.D
 Acq: 21 Jun 2022 08:16

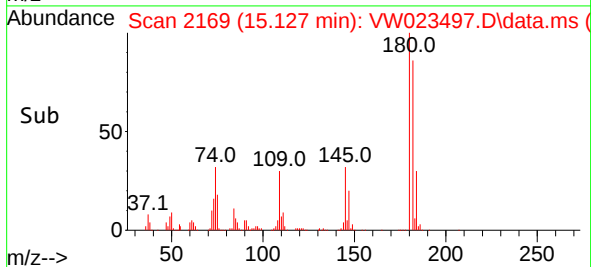
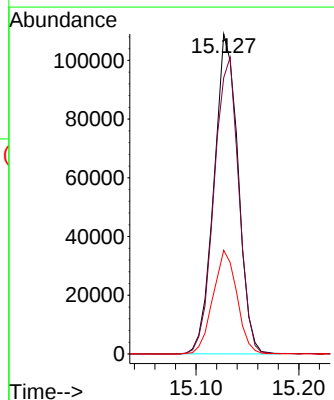
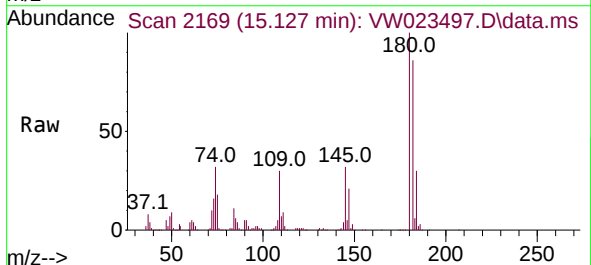
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

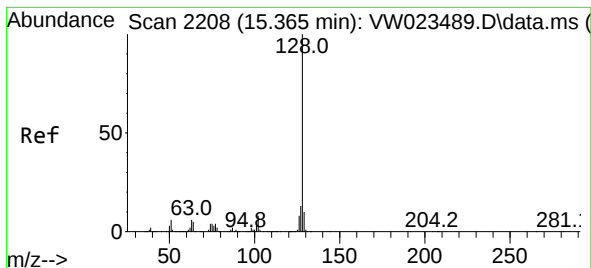
Tgt Ion:	180	Resp:	219550
Ion Ratio	Lower	Upper	
180	100		
182	97.8	74.8	112.2
184	30.4	23.4	35.2
145	32.3	26.5	39.7



#70
 1,2,4-trichlorobenzene
 Concen: 29.076 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023497.D
 Acq: 21 Jun 2022 08:16

Tgt Ion:	180	Resp:	177381
Ion Ratio	Lower	Upper	
180	100		
182	94.8	74.9	112.3
145	32.2	26.6	39.8





#71

Naphthalene

Concen: 28.383 ug/L

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

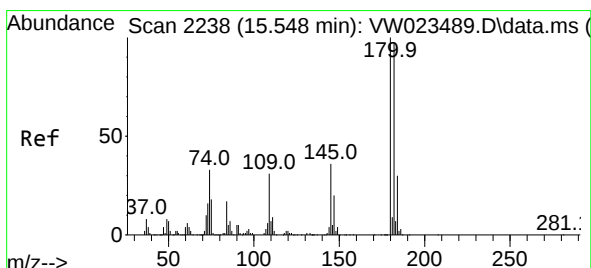
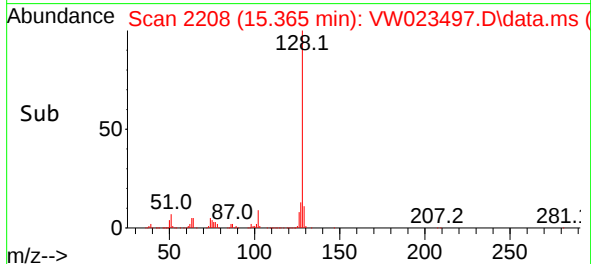
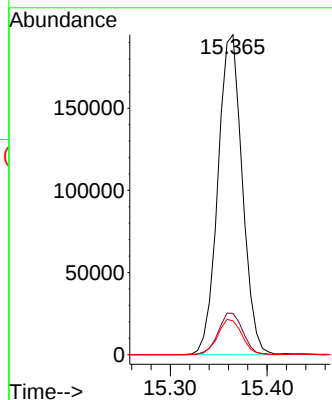
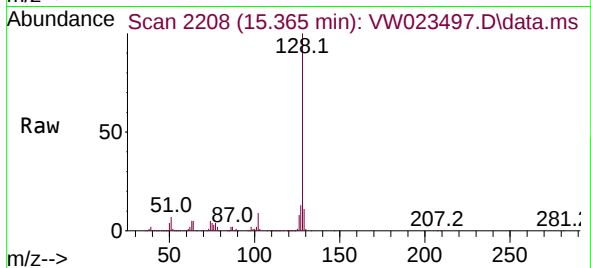
Tgt Ion:128 Resp: 340624

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 28.948 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023497.D

Acq: 21 Jun 2022 08:16

Tgt Ion:180 Resp: 153525

Ion Ratio Lower Upper

180 100

182 94.0 73.5 110.3

145 34.4 27.9 41.9

