

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110922\
 Data File : VW025026.D
 Acq On : 09 Nov 2022 08:36
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025489

Quant Time: Nov 10 00:15:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 09 00:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	263417	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	244193	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	126277	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	59134	20.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.000%
7) Chloroethane-d5	2.885	69	40462	23.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.440%
11) 1,1-Dichloroethene-d2	4.019	63	184960	25.113	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.440%
21) 2-Butanone-d5	7.080	46	46018	46.116	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.240%
24) Chloroform-d	7.646	84	213007	26.645	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	8.305	65	118302	26.437	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.760%
32) Benzene-d6	8.274	84	393891	25.166	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	9.274	67	109926	23.969	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.880%
41) Toluene-d8	10.323	98	368461	25.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.160%
43) trans-1,3-Dichloroprop...	10.579	79	51224	25.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.760%
47) 2-Hexanone-d5	10.920	63	38672	48.815	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.640%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	91888	25.094	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	13.847	152	125399	25.841	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	15277	17.388	ug/L #	68
3) Chloromethane	2.215	50	44131	20.883	ug/L	93
5) Vinyl chloride	2.361	62	68689	23.525	ug/L	97
6) Bromomethane	2.781	94	34738	23.840	ug/L	90
8) Chloroethane	2.928	64	30376	24.939	ug/L	96
9) Trichlorofluoromethane	3.263	101	68525	27.976	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	94052	27.115	ug/L	100
12) 1,1-Dichloroethene	4.043	96	87493	26.776	ug/L	88
13) Acetone	4.129	43	39861	56.230	ug/L	100
14) Carbon disulfide	4.385	76	238011	24.935	ug/L	98
15) Methyl Acetate	4.671	43	31160	22.078	ug/L	94
16) Methylene chloride	4.921	84	88922	19.012	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	91105	26.038	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	150094	25.573	ug/L	97
19) 1,1-Dichloroethane	6.220	63	167291	25.825	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	98275	25.770	ug/L	98
22) 2-Butanone	7.171	43	48893	46.034	ug/L	97
23) Bromochloromethane	7.512	128	42658	25.803	ug/L	92
25) Chloroform	7.677	83	185701	27.163	ug/L	99

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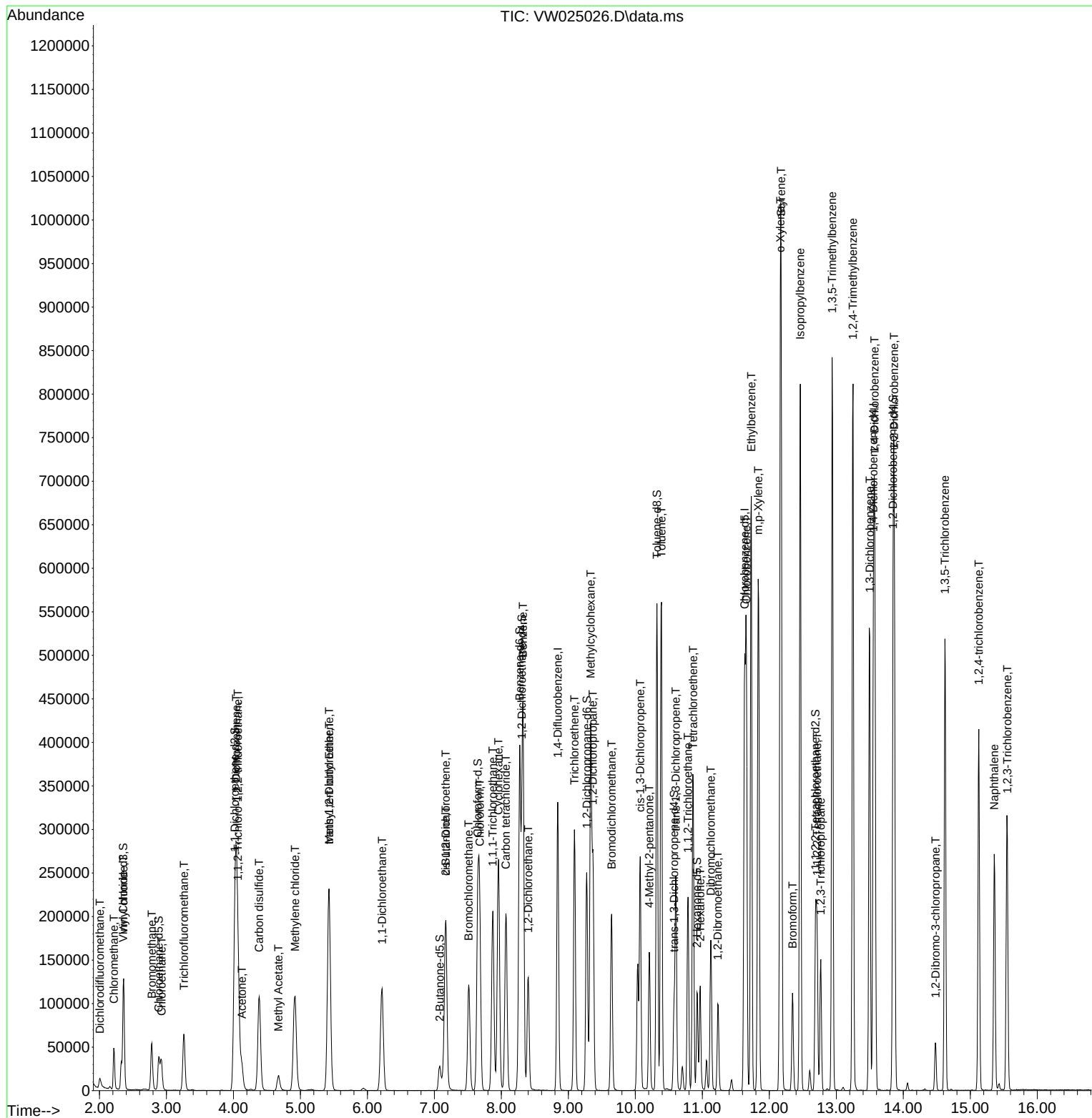
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27) 1,2-Dichloroethane	8.402	62	125776	27.122	ug/L	100
29) Cyclohexane	7.957	56	145790	25.284	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	167308	27.997	ug/L	99
31) Carbon tetrachloride	8.067	117	156173	29.247	ug/L	99
33) Benzene	8.323	78	380397	25.868	ug/L	100
34) Trichloroethene	9.091	95	102927	26.441	ug/L	96
35) Methylcyclohexane	9.335	83	172712	26.111	ug/L	99
37) 1,2-Dichloropropane	9.366	63	89981	25.211	ug/L	99
38) Bromodichloromethane	9.646	83	134892	27.080	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	150800	26.727	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	97651	46.624	ug/L	98
42) Toluene	10.390	91	412909	26.449	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	133723	26.659	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	66993	24.860	ug/L	96
46) Tetrachloroethene	10.865	164	75548	27.137	ug/L	92
48) 2-Hexanone	10.969	43	71553	49.399	ug/L	99
49) Dibromochloromethane	11.128	129	90084	27.424	ug/L	97
50) 1,2-Dibromoethane	11.231	107	65853	25.839	ug/L	99
51) Chlorobenzene	11.658	112	264721	26.160	ug/L	98
52) Ethylbenzene	11.731	91	480597	26.669	ug/L	96
53) m,p-Xylene	11.835	106	185744	26.628	ug/L	100
54) o-Xylene	12.164	106	175568	26.678	ug/L	90
55) Styrene	12.176	104	304174	26.612	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	81368	25.170	ug/L	97
59) Bromoform	12.347	173	47851	26.792	ug/L #	95
60) Isopropylbenzene	12.463	105	508046	26.760	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	61463	24.227	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	444514	26.972	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	430629	26.647	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	207535	26.210	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	216464	27.397	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	189844	26.665	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15216	25.954	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	148116	28.242	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	116493	28.578	ug/L	97
71) Naphthalene	15.358	128	227858	26.498	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	99397	27.985	ug/L	98

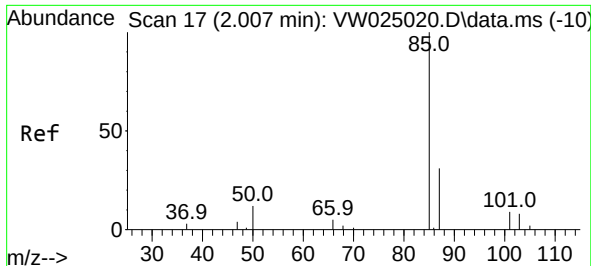
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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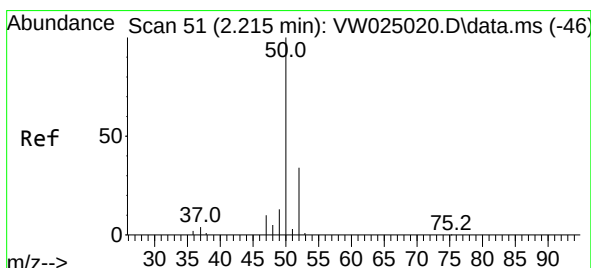
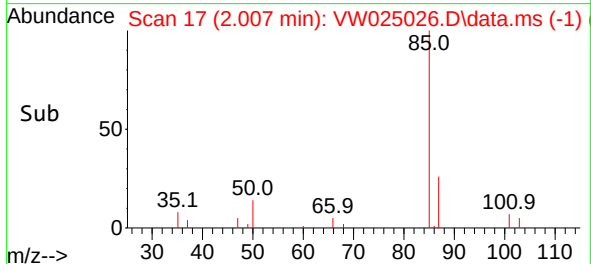
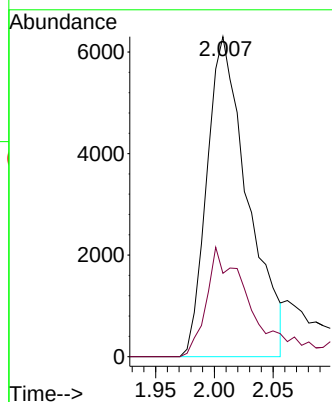
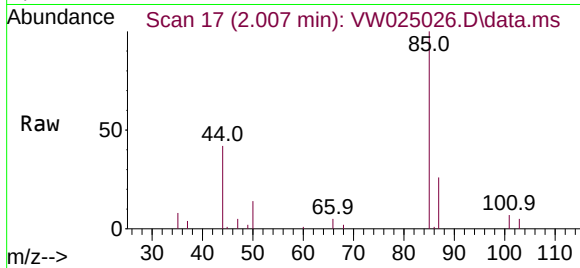




#2
 Dichlorodifluoromethane
 Concen: 17.388 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW025026.D
 Acq: 09 Nov 2022 08:36

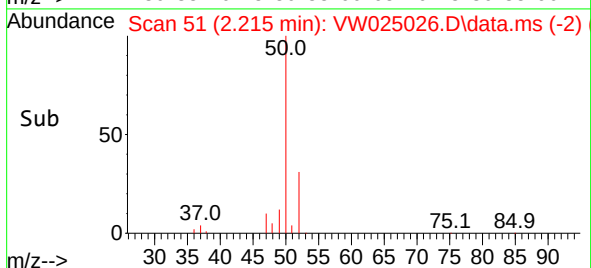
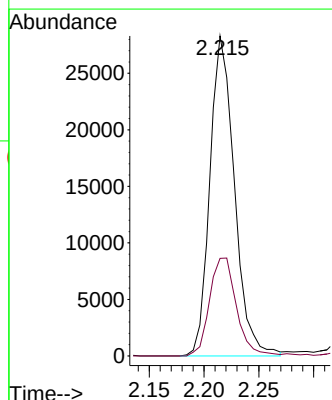
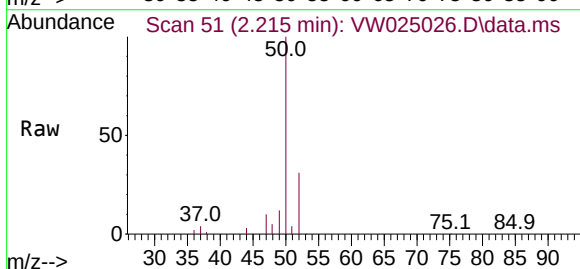
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025489

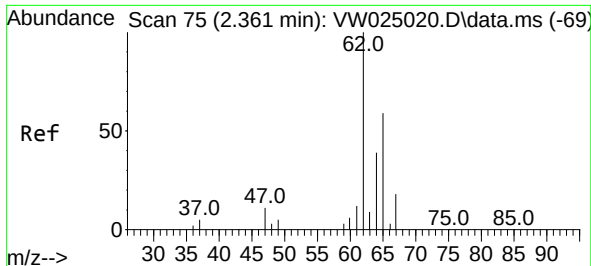
Tgt Ion: 85 Resp: 15277
 Ion Ratio Lower Upper
 85 100
 87 14.7 25.9 38.9#



#3
 Chloromethane
 Concen: 20.883 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW025026.D
 Acq: 09 Nov 2022 08:36

Tgt Ion: 50 Resp: 44131
 Ion Ratio Lower Upper
 50 100
 52 30.5 24.1 44.8

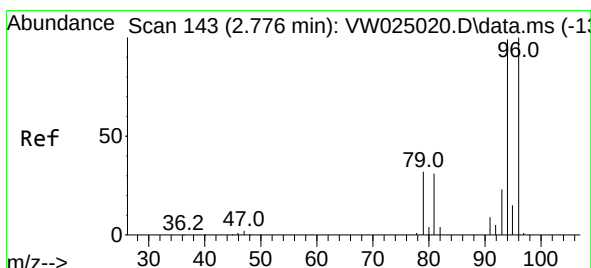
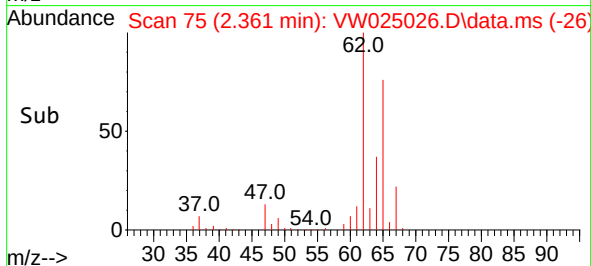
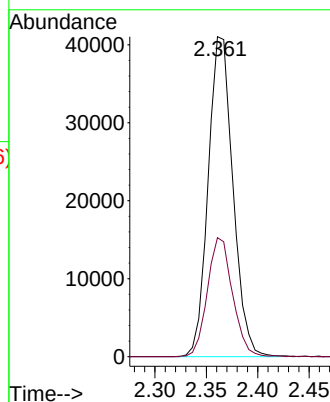
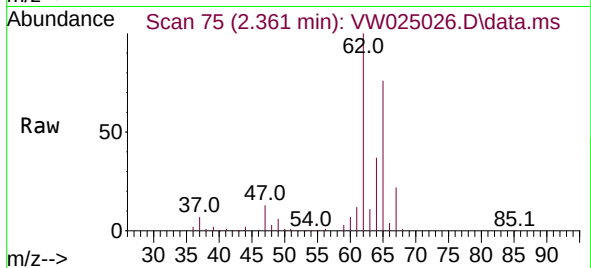




#5
 Vinyl chloride
 Concen: 23.525 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW025026.D
 Acq: 09 Nov 2022 08:36

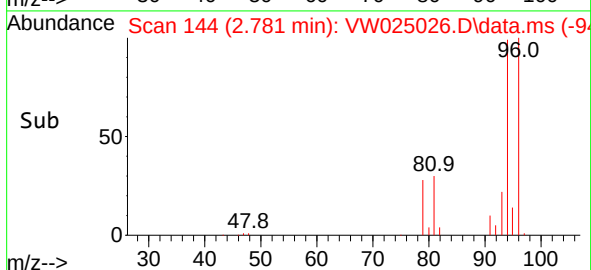
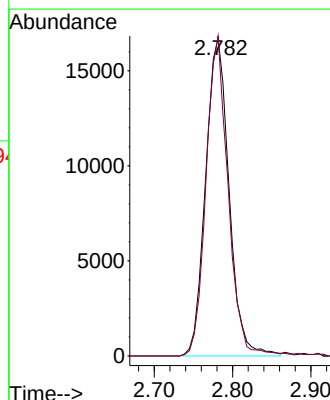
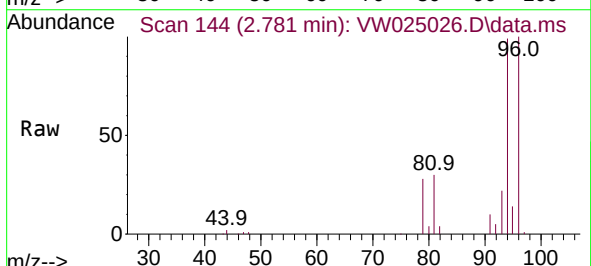
Instrument :
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 ClientSampleId :
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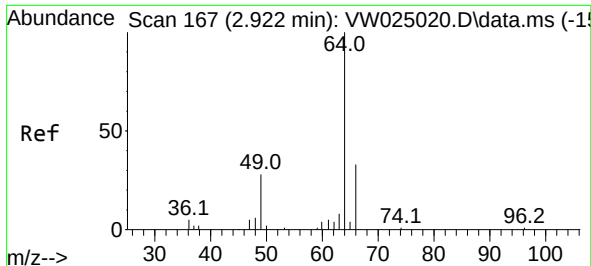
Tgt Ion: 62 Resp: 68689
 Ion Ratio Lower Upper
 62 100
 64 37.2 27.2 50.6



#6
 Bromomethane
 Concen: 23.840 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW025026.D
 Acq: 09 Nov 2022 08:36

Tgt Ion: 94 Resp: 34738
 Ion Ratio Lower Upper
 94 100
 96 100.7 63.8 118.6

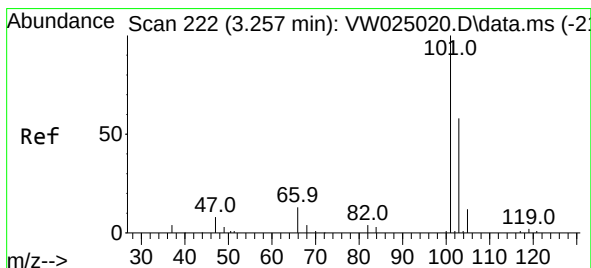
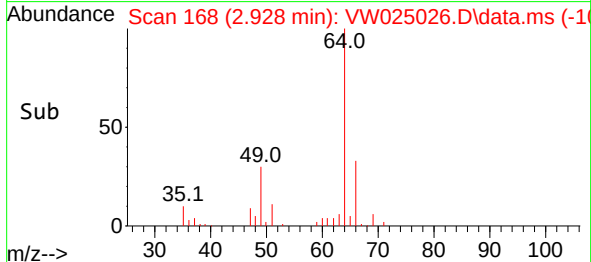
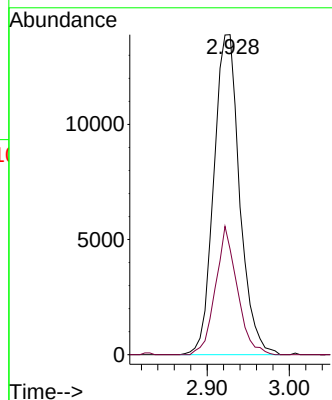
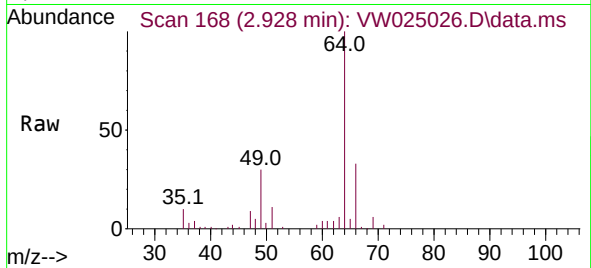




#8
Chloroethane
Concen: 24.939 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

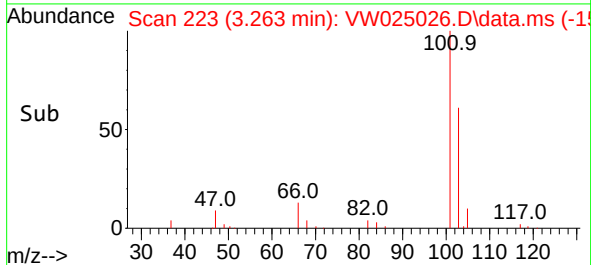
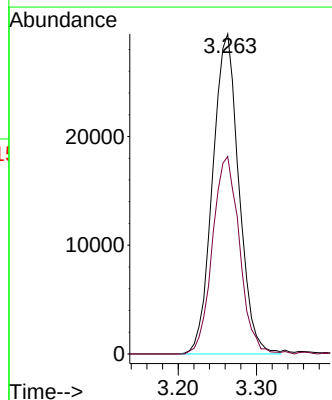
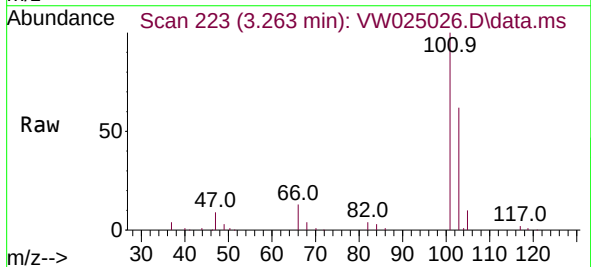
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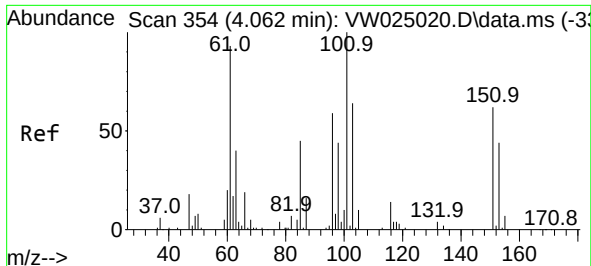
Tgt Ion: 64 Resp: 30376
Ion Ratio Lower Upper
64 100
66 32.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 27.976 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion:101 Resp: 68525
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0

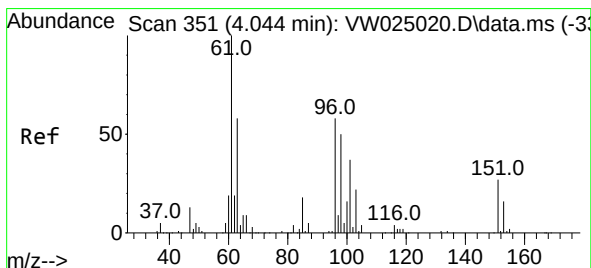
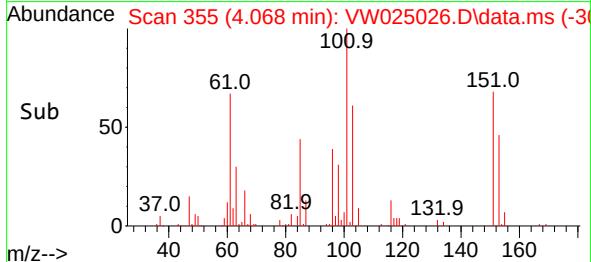
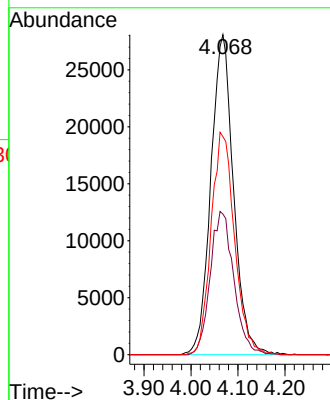
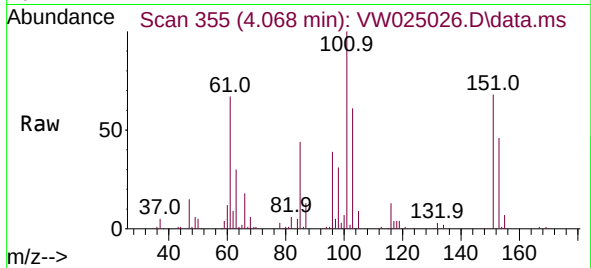




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.115 ug/L
 RT: 4.068 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW025026.D
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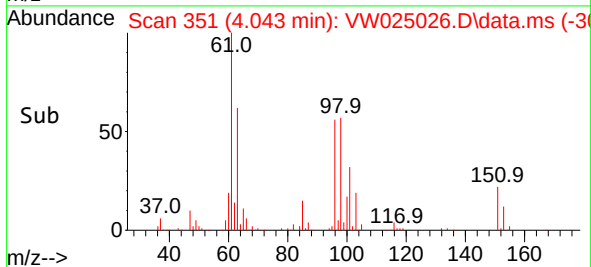
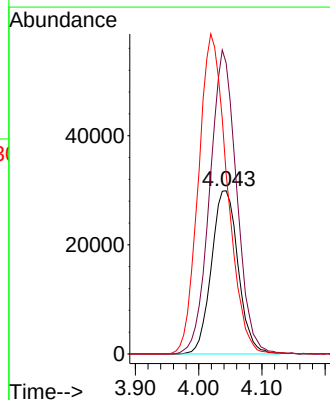
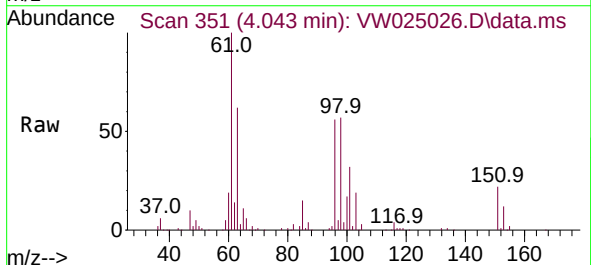
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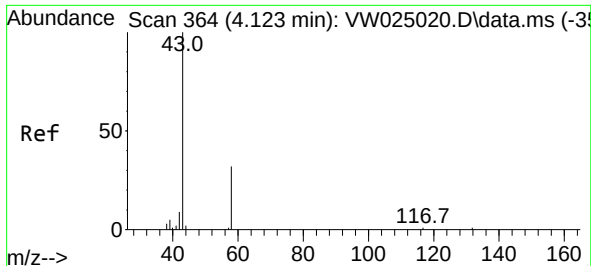
Tgt Ion:101 Resp: 94052
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.5 54.7
 151 71.6 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 26.776 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW025026.D
 Acq: 09 Nov 2022 08:36

Tgt Ion: 96 Resp: 87493
 Ion Ratio Lower Upper
 96 100
 61 178.3 126.2 234.4
 63 110.5 98.3 182.7





#13

Acetone

Concen: 56.230 ug/L

RT: 4.129 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

Instrument :

MSVOA_W

ClientSampleId :

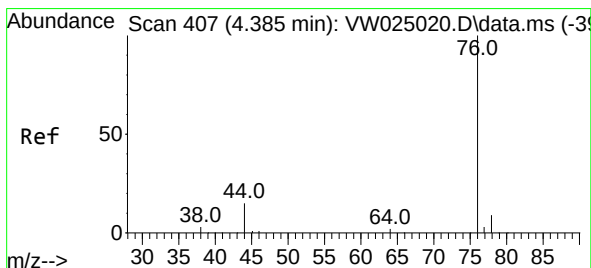
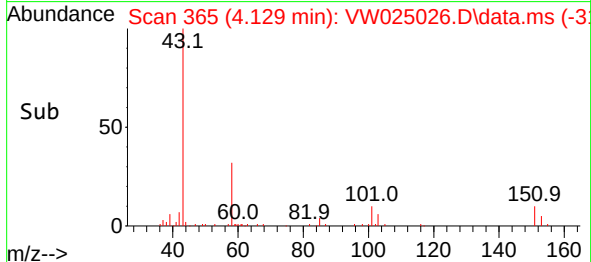
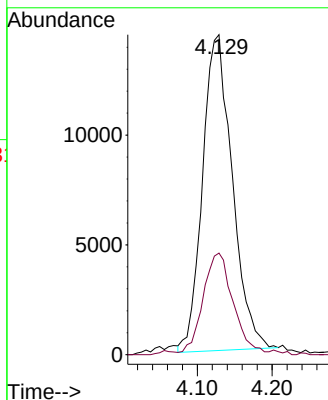
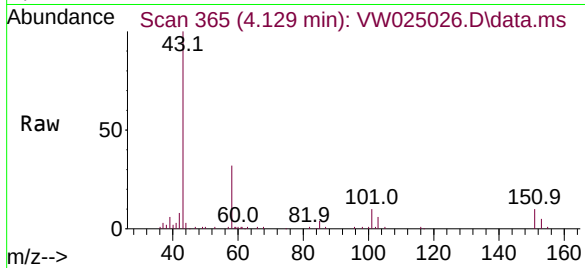
VSTD025489

Tgt Ion: 43 Resp: 39861

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.4



#14

Carbon disulfide

Concen: 24.935 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW025026.D

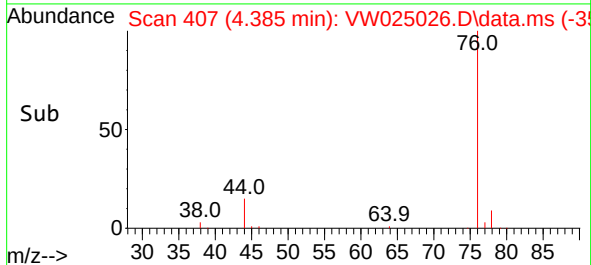
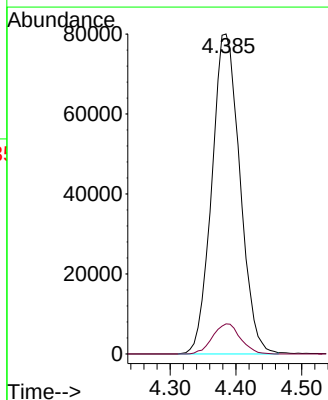
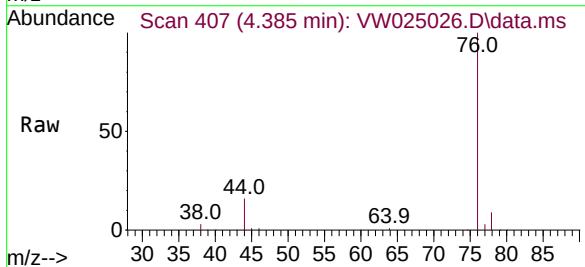
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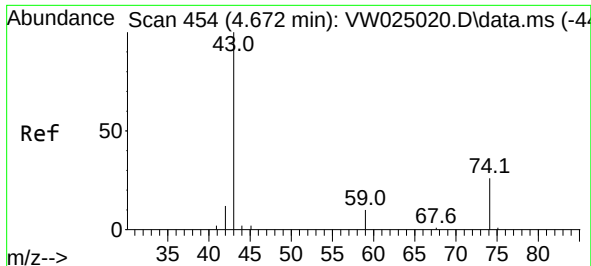
Tgt Ion: 76 Resp: 238011

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2

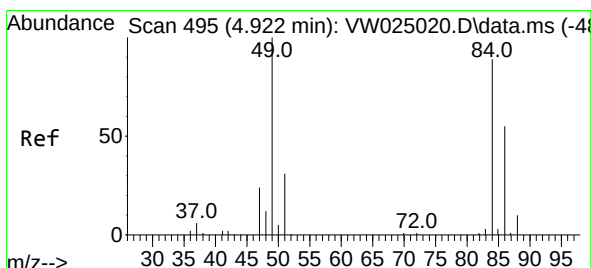
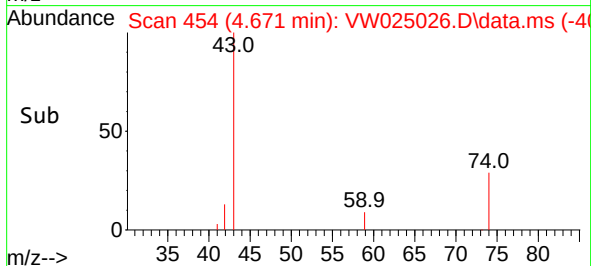
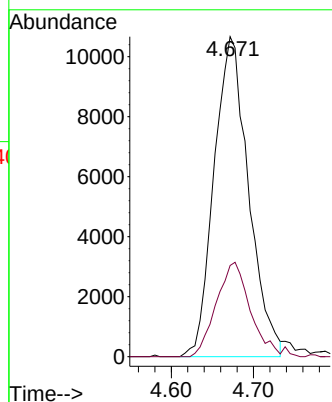
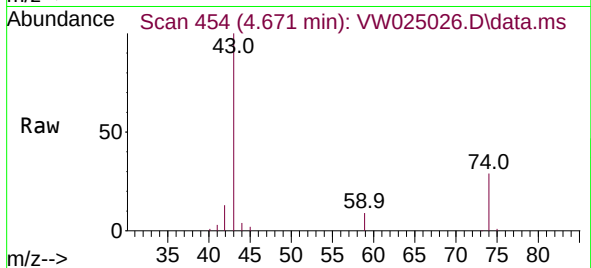




#15
Methyl Acetate
Concen: 22.078 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

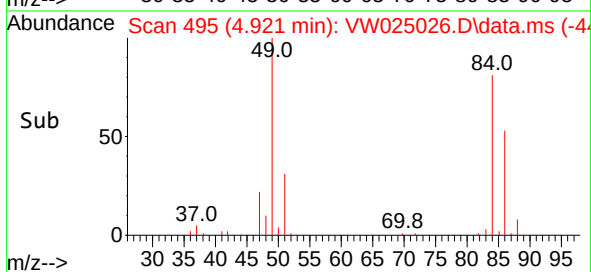
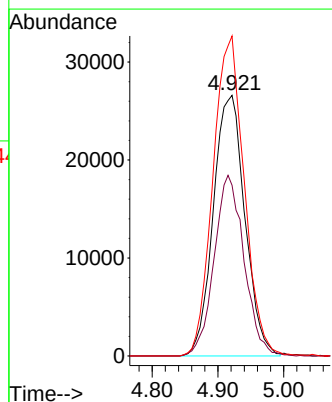
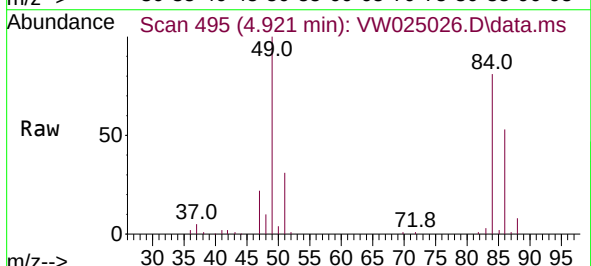
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

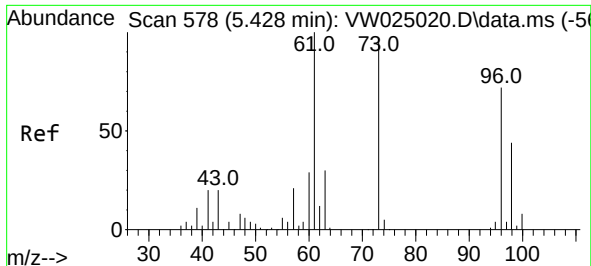
Tgt Ion: 43 Resp: 31160
Ion Ratio Lower Upper
43 100
74 28.8 20.6 30.8



#16
Methylene chloride
Concen: 19.012 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion: 84 Resp: 88922
Ion Ratio Lower Upper
84 100
86 65.5 42.6 79.0
49 122.8 81.9 152.1

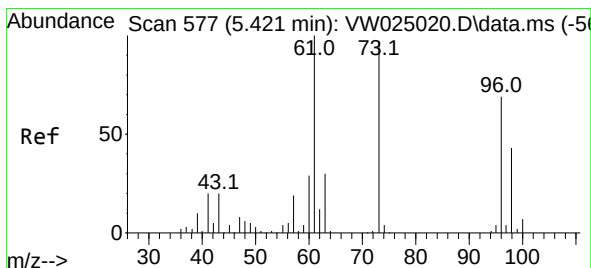
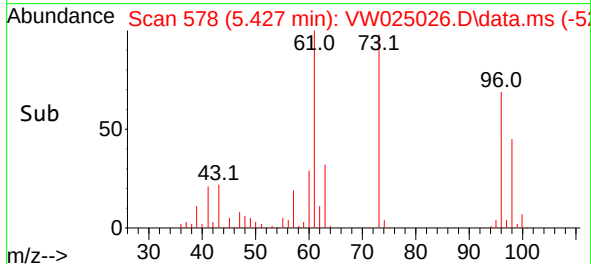
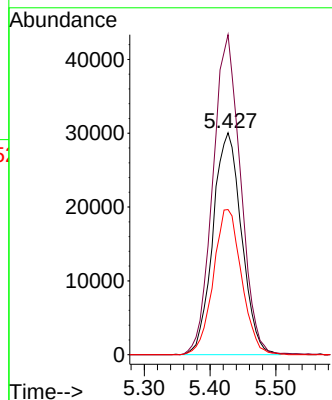
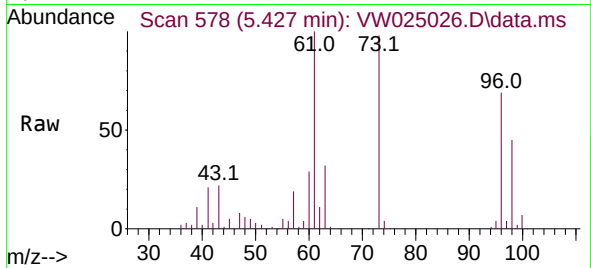




#17
trans-1,2-Dichloroethene
Concen: 26.038 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

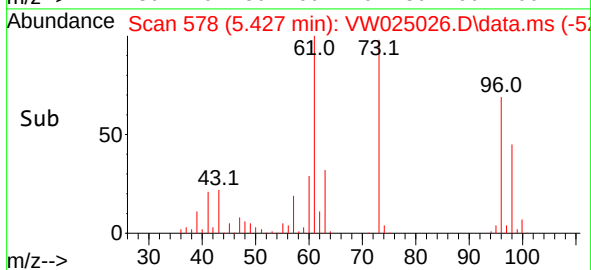
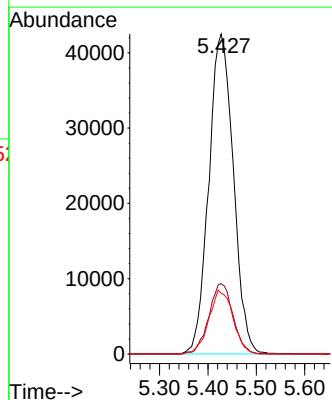
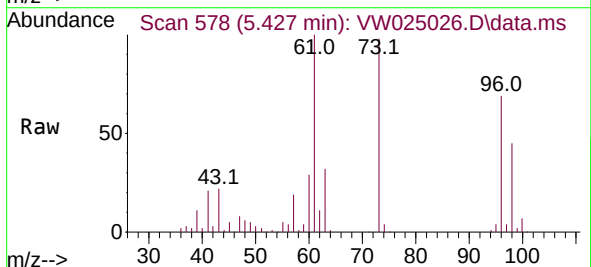
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

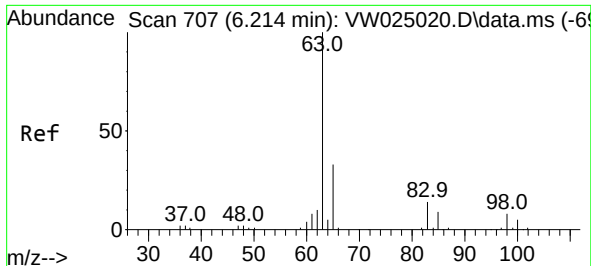
Tgt Ion: 96 Resp: 91105
Ion Ratio Lower Upper
96 100
61 144.2 97.6 181.2
98 65.4 46.8 86.8



#18
Methyl tert-butyl Ether
Concen: 25.573 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion: 73 Resp: 150094
Ion Ratio Lower Upper
73 100
43 21.6 16.6 24.8
57 19.5 17.1 25.7

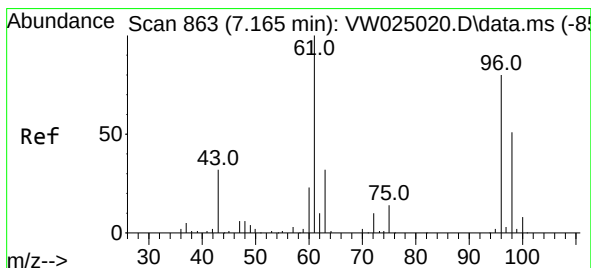
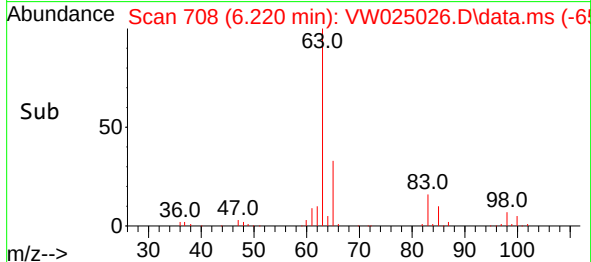
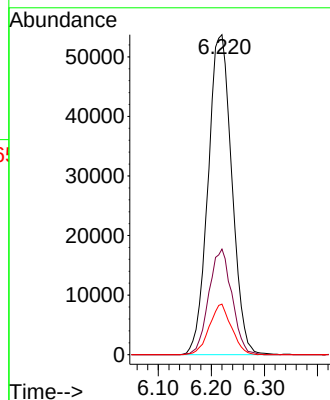
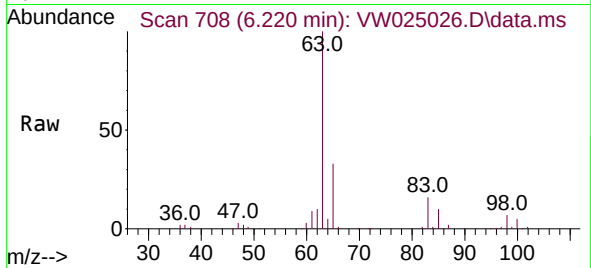




#19
 1,1-Dichloroethane
 Concen: 25.825 ug/L
 RT: 6.220 min Scan# 707
 Delta R.T. 0.006 min
 Lab File: VW025026.D
 Acq: 09 Nov 2022 08:36

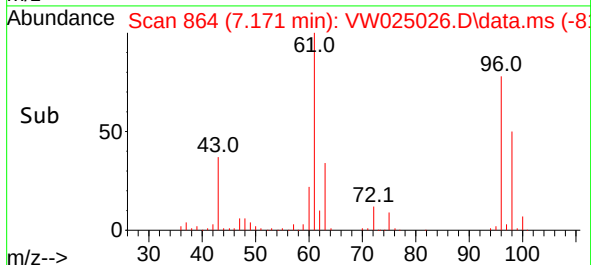
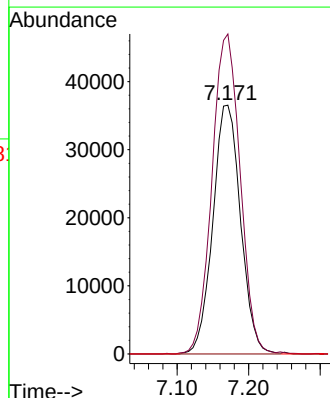
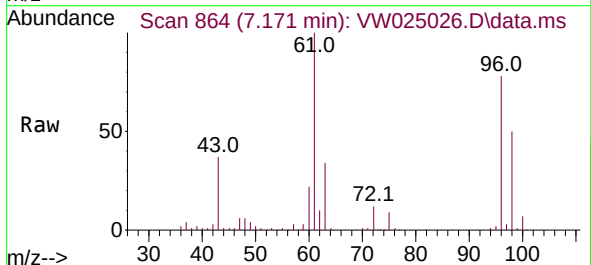
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025489

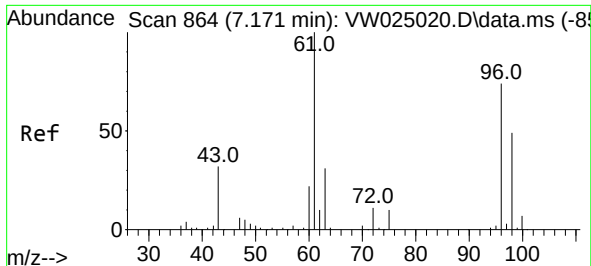
Tgt Ion: 63 Resp: 167291
 Ion Ratio Lower Upper
 63 100
 65 33.0 22.2 41.2
 83 15.8 9.7 17.9



#20
 cis-1,2-Dichloroethene
 Concen: 25.770 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW025026.D
 Acq: 09 Nov 2022 08:36

Tgt Ion: 96 Resp: 98275
 Ion Ratio Lower Upper
 96 100
 61 128.6 91.8 170.6
 68 0.0 0.0 0.0

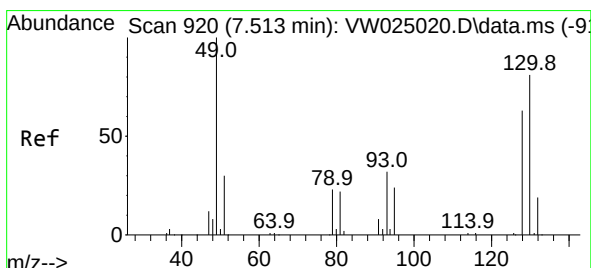
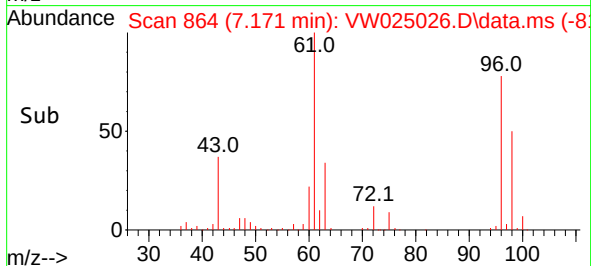
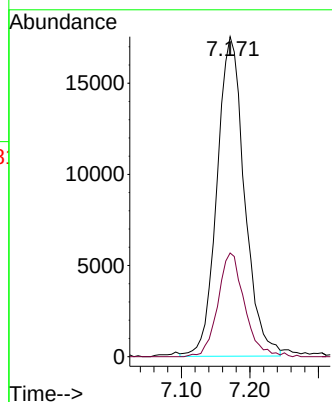
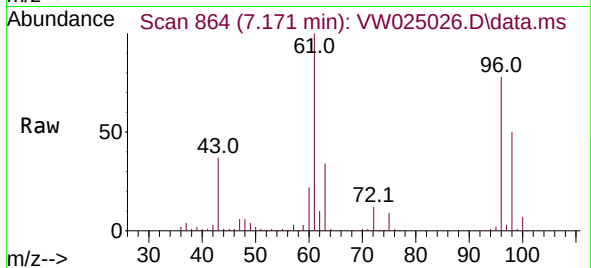




#22
2-Butanone
Concen: 46.034 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

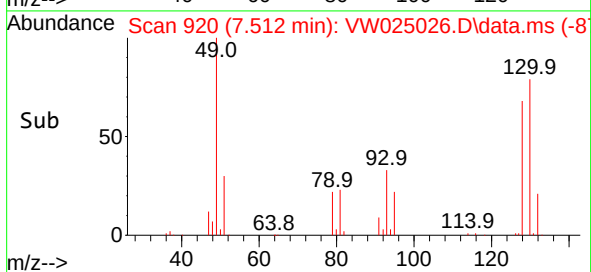
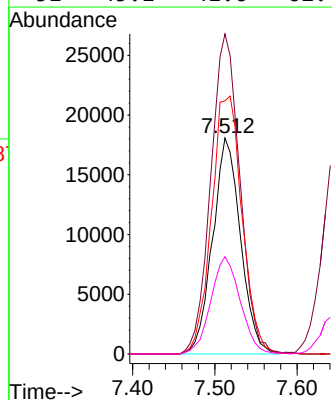
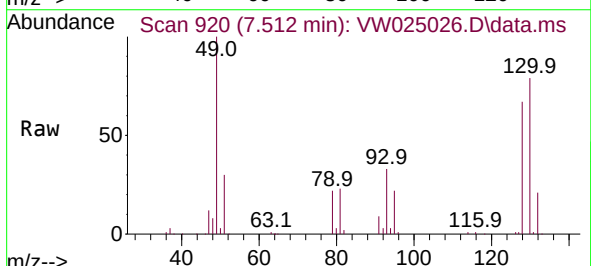
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

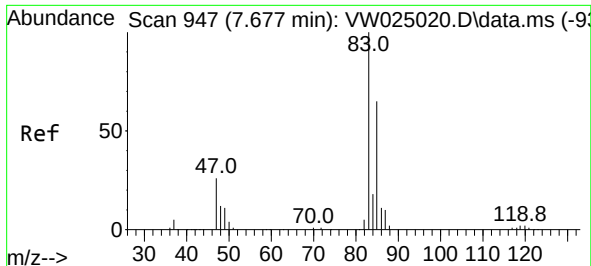
Tgt Ion: 43 Resp: 48893
Ion Ratio Lower Upper
43 100
72 30.9 14.6 44.0



#23
Bromochloromethane
Concen: 25.803 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion: 128 Resp: 42658
Ion Ratio Lower Upper
128 100
49 148.3 112.8 209.4
130 117.3 86.2 160.2
51 45.1 41.6 62.4

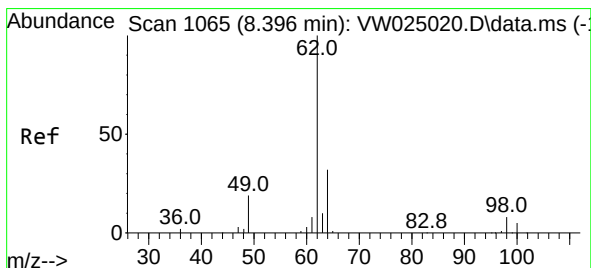
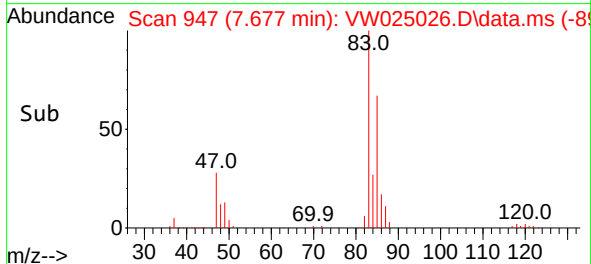
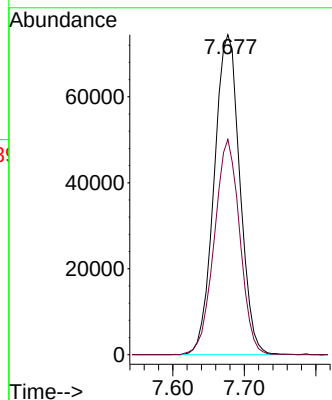
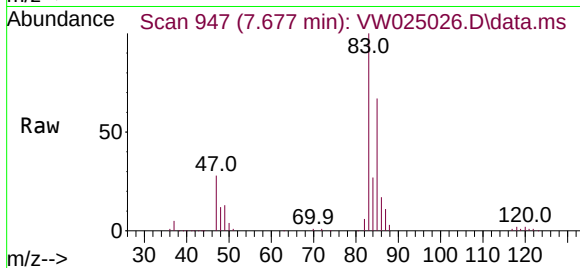




#25
Chloroform
Concen: 27.163 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

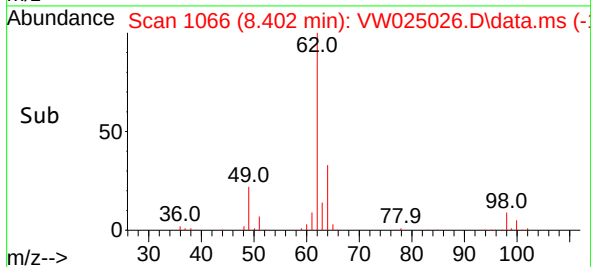
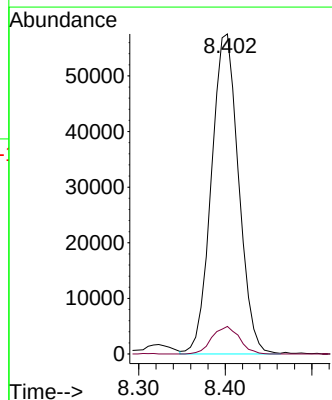
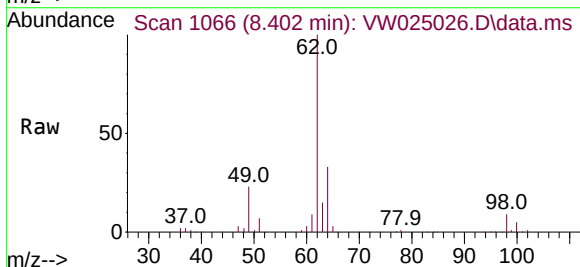
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

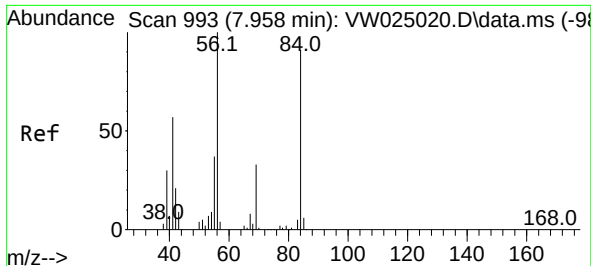
Tgt Ion: 83 Resp: 185701
Ion Ratio Lower Upper
83 100
85 67.3 47.5 88.3



#27
1,2-Dichloroethane
Concen: 27.122 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion: 62 Resp: 125776
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.4





#29

Cyclohexane

Concen: 25.284 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025489

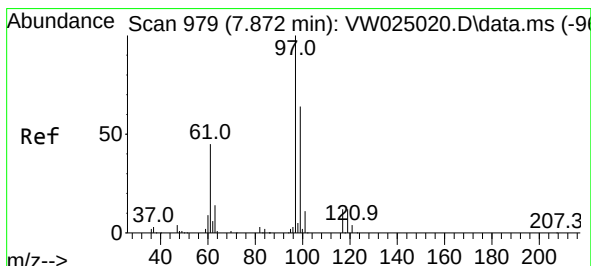
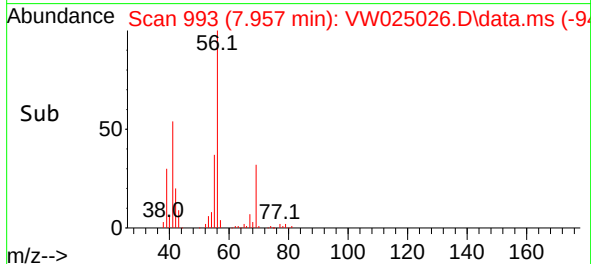
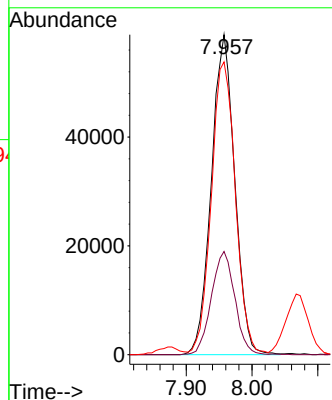
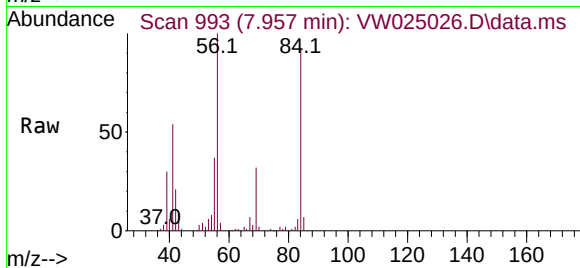
Tgt Ion: 56 Resp: 145790

Ion Ratio Lower Upper

56 100

69 32.2 25.0 37.4

84 94.2 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 27.997 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

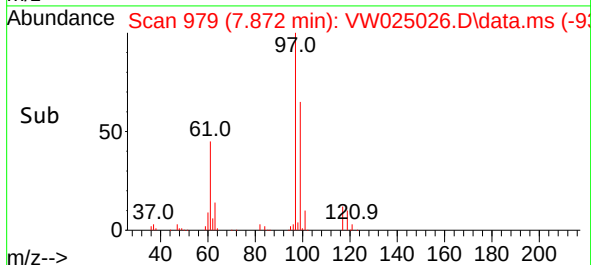
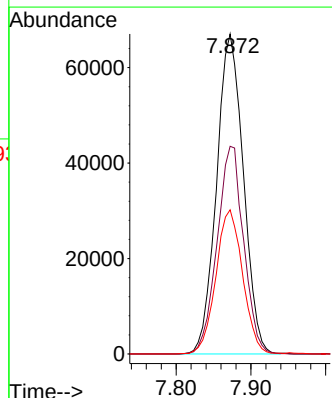
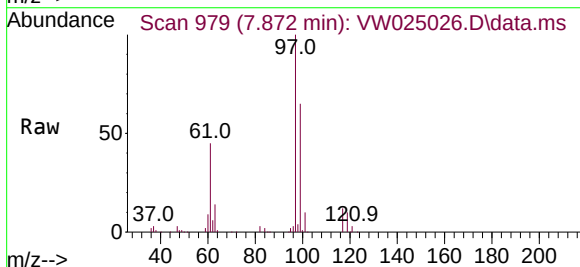
Tgt Ion: 97 Resp: 167308

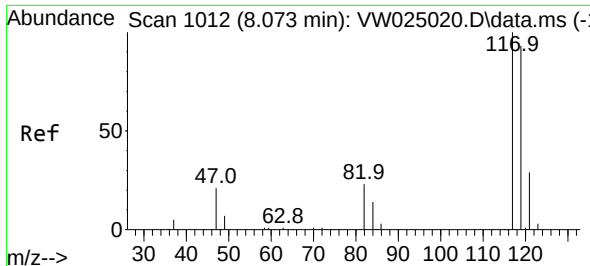
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.8

61 44.9 36.6 54.8

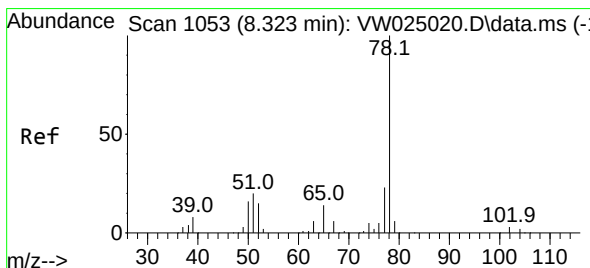
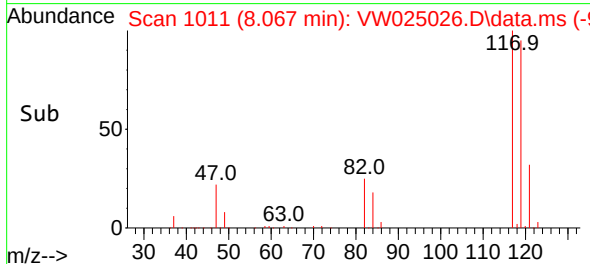
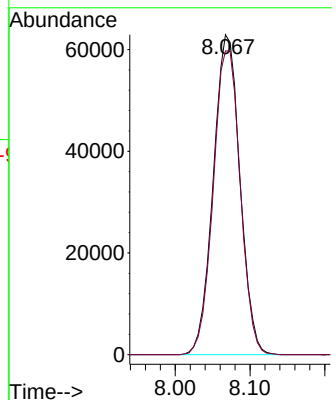
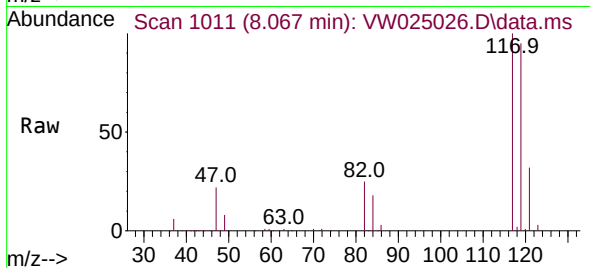




#31
Carbon tetrachloride
Concen: 29.247 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

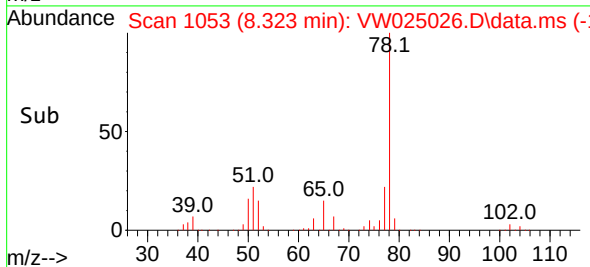
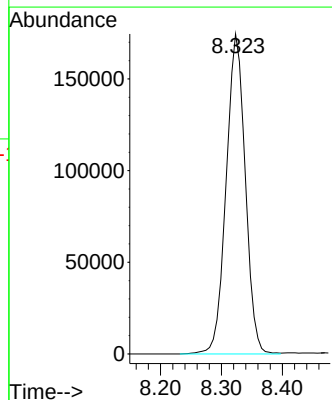
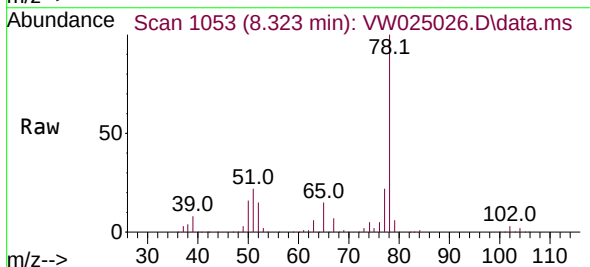
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

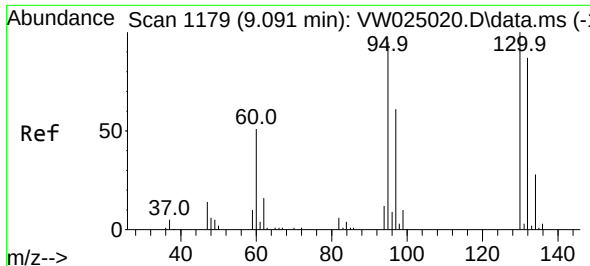
Tgt Ion:117 Resp: 156173
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5



#33
Benzene
Concen: 25.868 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion: 78 Resp: 380397

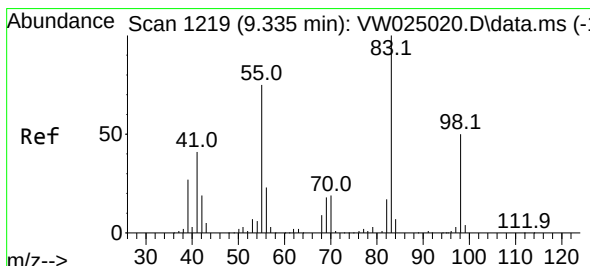
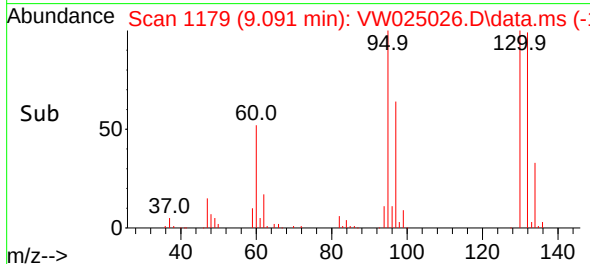
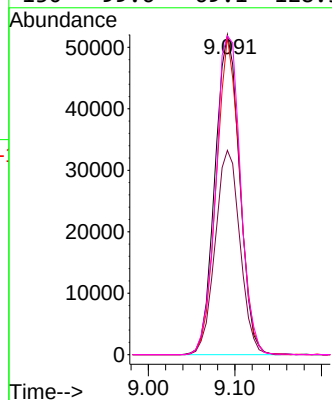
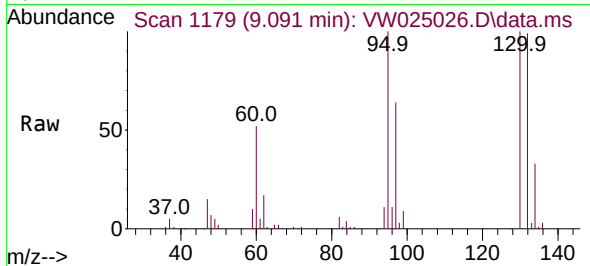




#34
Trichloroethene
Concen: 26.441 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

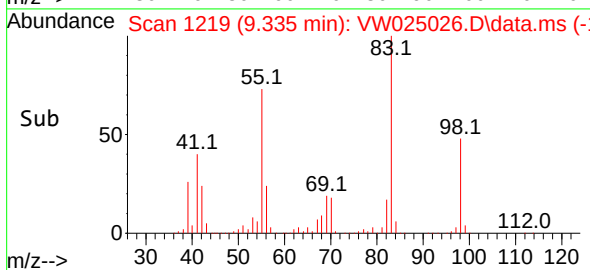
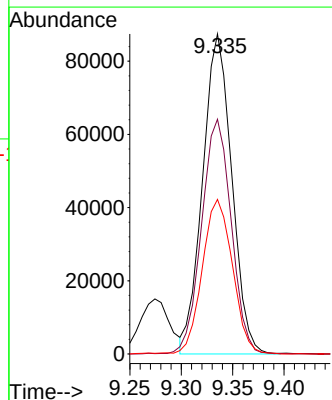
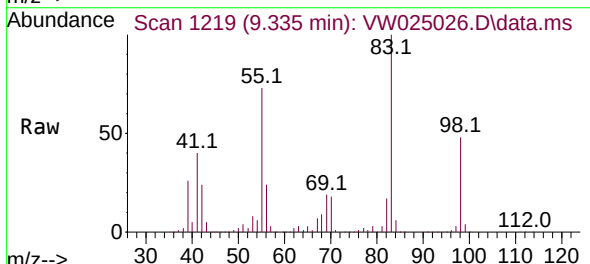
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

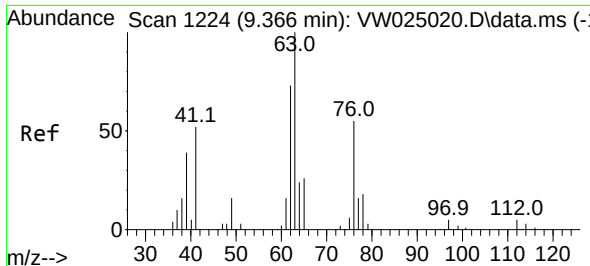
Tgt Ion: 95 Resp: 102927
Ion Ratio Lower Upper
95 100
97 63.9 44.7 83.1
132 99.2 62.6 116.2
130 99.6 69.1 128.3



#35
Methylcyclohexane
Concen: 26.111 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion: 83 Resp: 172712
Ion Ratio Lower Upper
83 100
55 74.6 60.4 90.6
98 49.9 39.5 59.3





#37

1,2-Dichloropropane

Concen: 25.211 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

Instrument :

MSVOA_W

ClientSampleId :

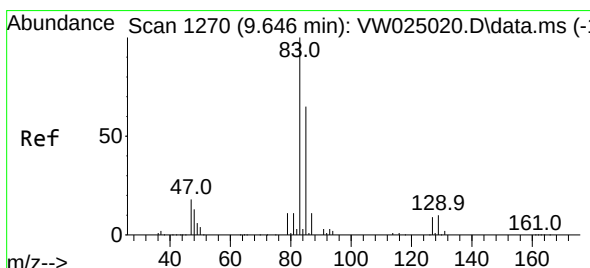
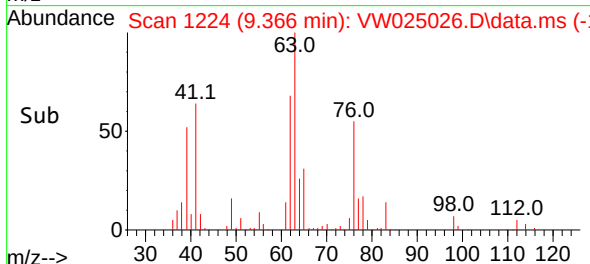
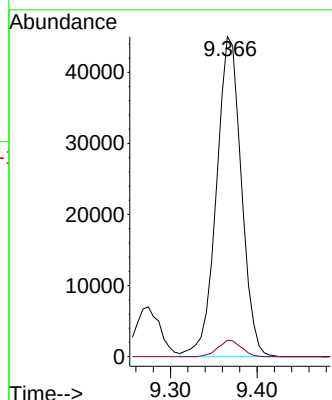
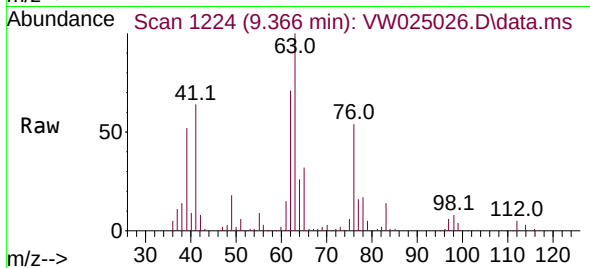
VSTD025489

Tgt Ion: 63 Resp: 89981

Ion Ratio Lower Upper

63 100

112 4.8 3.6 5.4



#38

Bromodichloromethane

Concen: 27.080 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

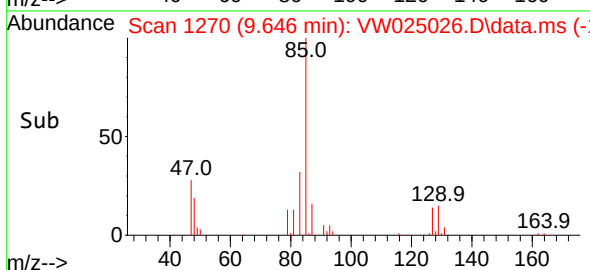
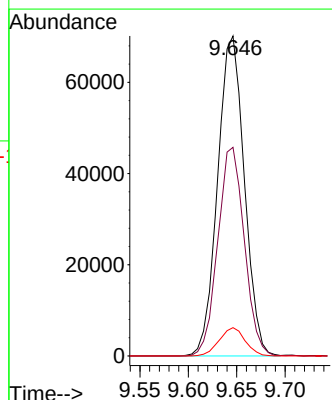
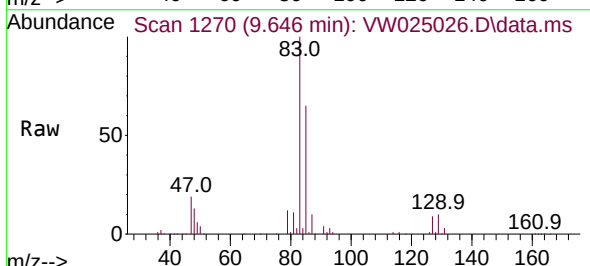
Tgt Ion: 83 Resp: 134892

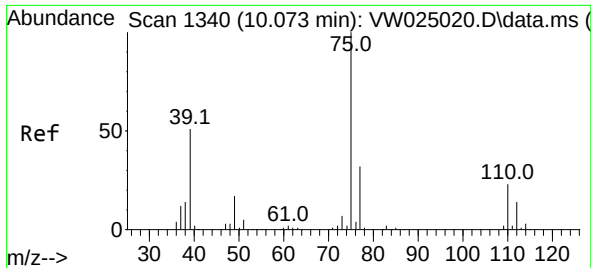
Ion Ratio Lower Upper

83 100

85 65.2 45.8 85.0

127 8.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 26.727 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

Instrument :

MSVOA_W

ClientSampleId :

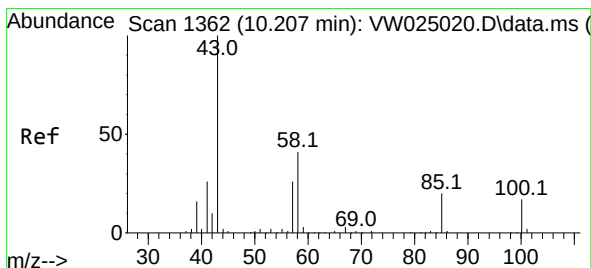
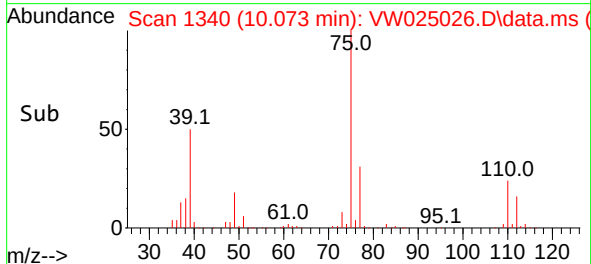
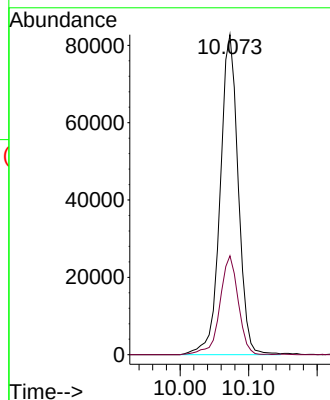
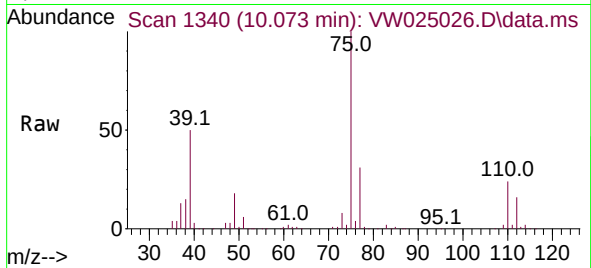
VSTD025489

Tgt Ion: 75 Resp: 150800

Ion Ratio Lower Upper

75 100

77 30.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 46.624 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

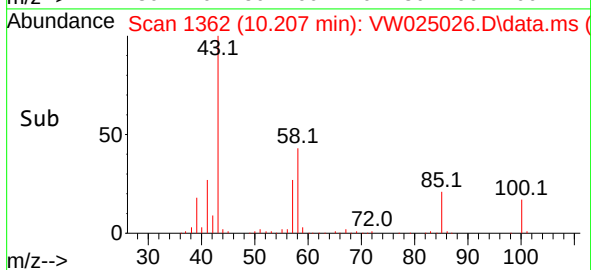
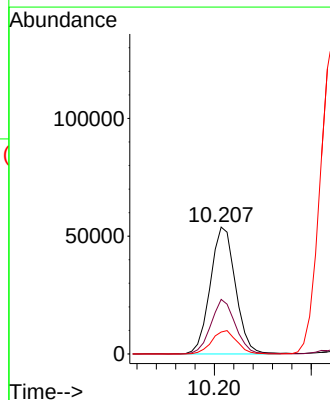
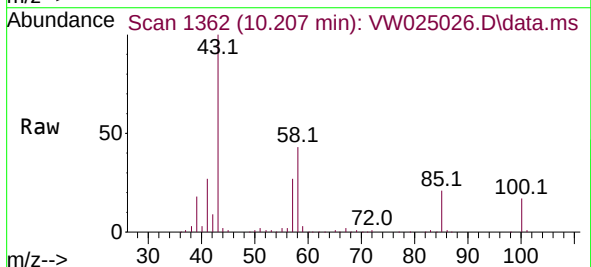
Tgt Ion: 43 Resp: 97651

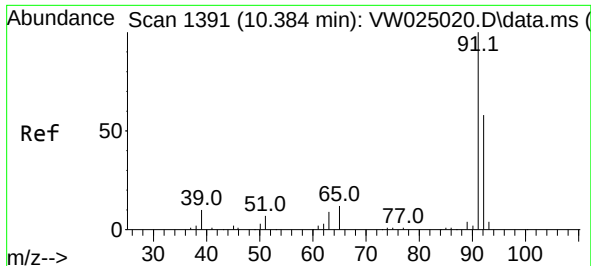
Ion Ratio Lower Upper

43 100

58 41.7 32.6 48.8

100 18.2 14.0 21.0





#42

Toluene

Concen: 26.449 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

Instrument :

MSVOA_W

ClientSampleId :

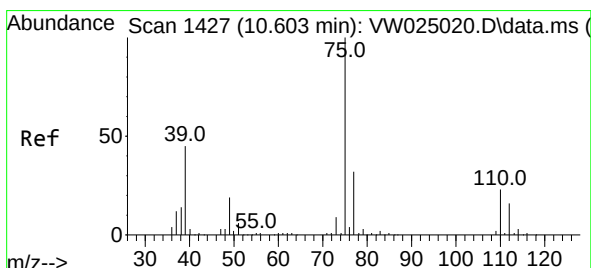
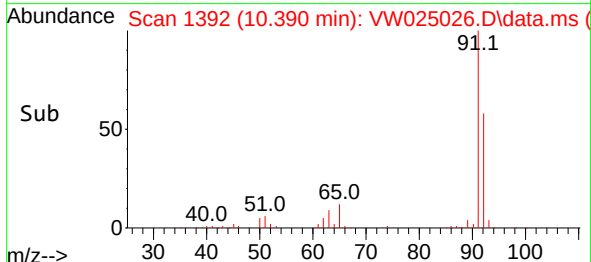
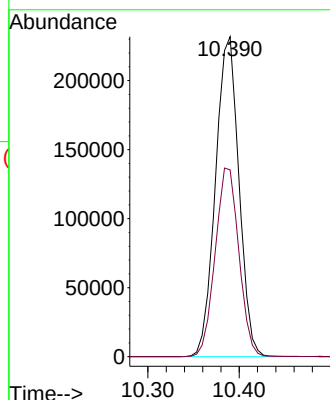
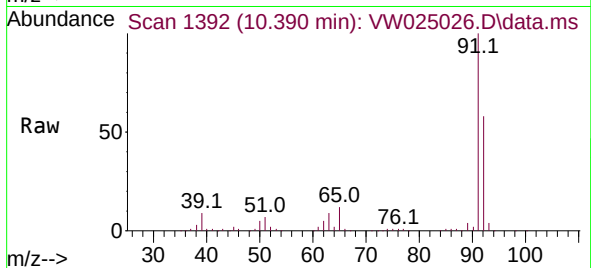
VSTD025489

Tgt Ion: 91 Resp: 412909

Ion Ratio Lower Upper

91 100

92 58.4 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 26.659 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025026.D

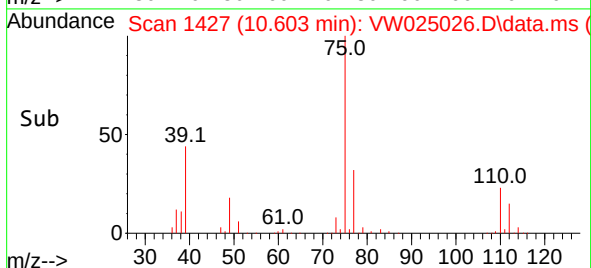
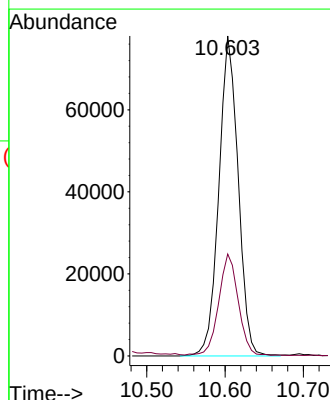
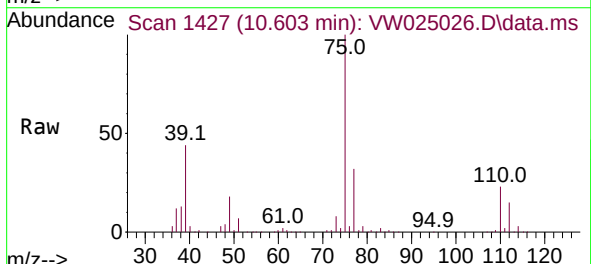
Acq: 09 Nov 2022 08:36

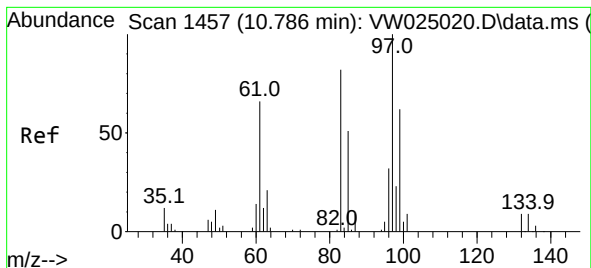
Tgt Ion: 75 Resp: 133723

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 24.860 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025489

Tgt Ion: 97 Resp: 66993

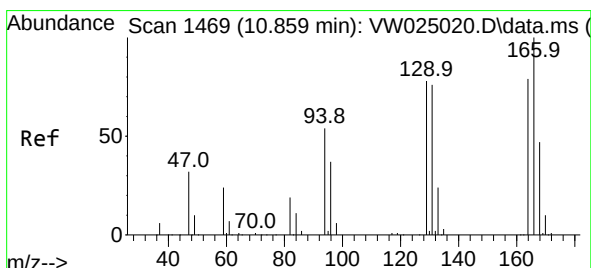
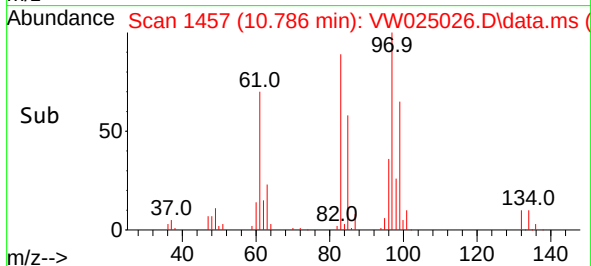
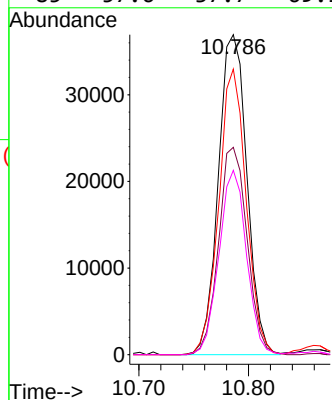
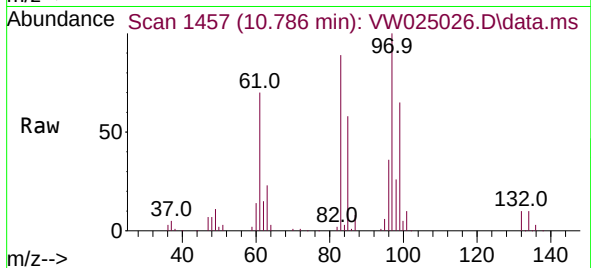
Ion Ratio Lower Upper

97 100

99 64.8 44.0 81.6

83 89.3 59.9 111.3

85 57.6 37.7 69.9



#46

Tetrachloroethene

Concen: 27.137 ug/L

RT: 10.865 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

Tgt Ion:164 Resp: 75548

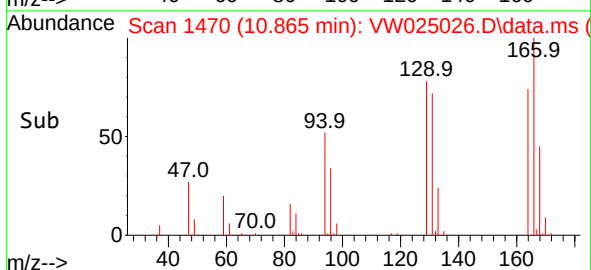
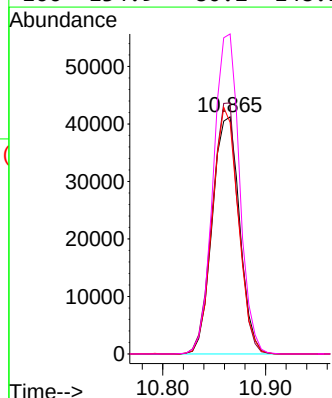
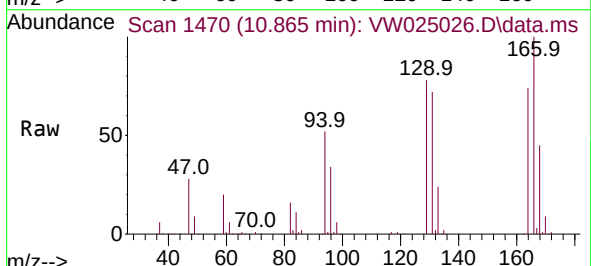
Ion Ratio Lower Upper

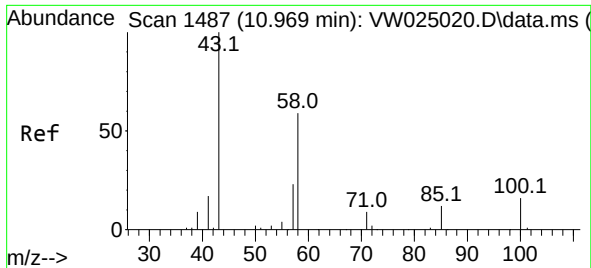
164 100

129 105.9 72.9 135.5

131 97.6 70.1 130.3

166 134.9 80.2 148.9

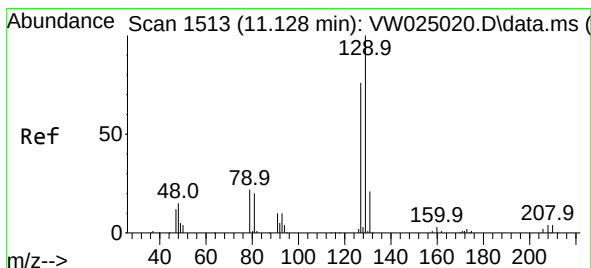
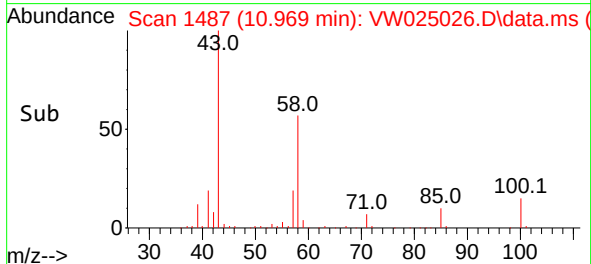
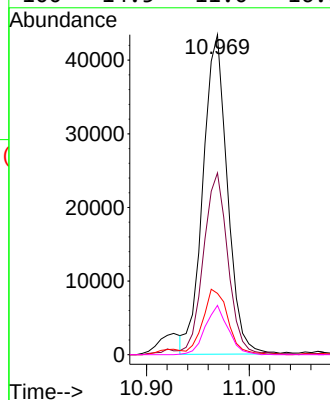
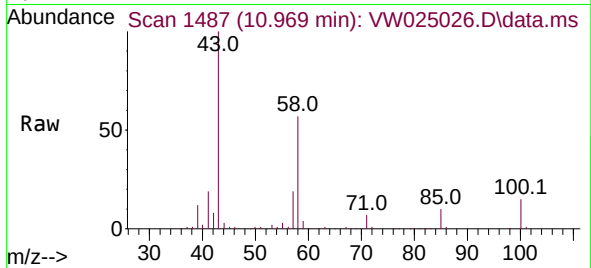




#48
2-Hexanone
Concen: 49.399 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

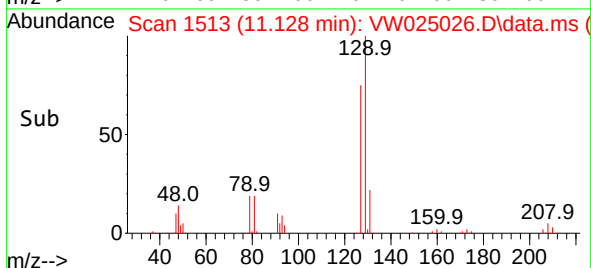
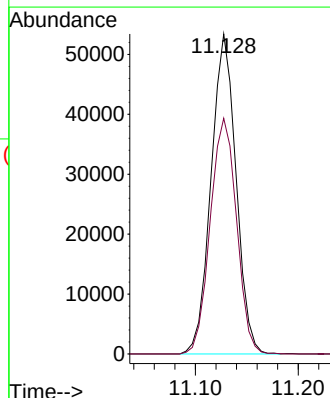
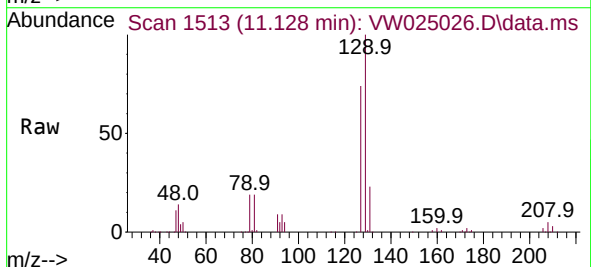
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

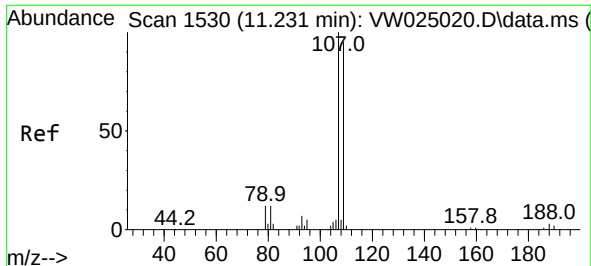
Tgt Ion:	43	Resp:	71553
Ion	Ratio	Lower	Upper
43	100		
58	57.4	46.1	69.1
57	21.1	16.2	24.2
100	14.5	11.0	16.6



#49
Dibromochloromethane
Concen: 27.424 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion:	129	Resp:	90084
Ion	Ratio	Lower	Upper
129	100		
127	73.6	53.2	98.8

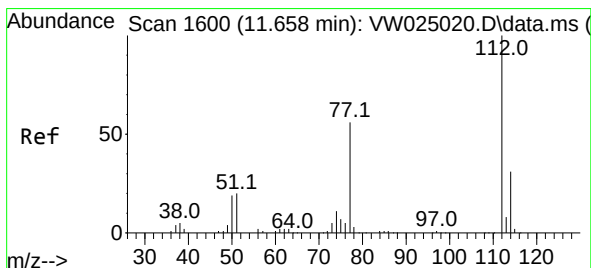
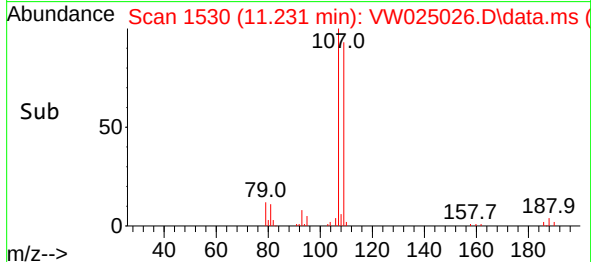
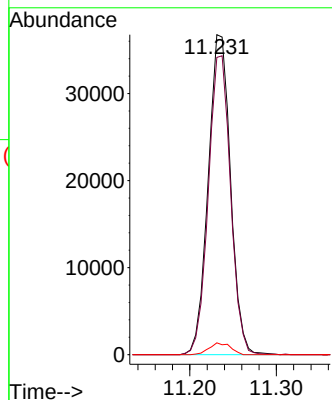
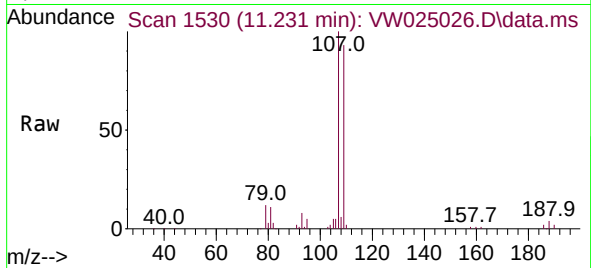




#50
1,2-Dibromoethane
Concen: 25.839 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

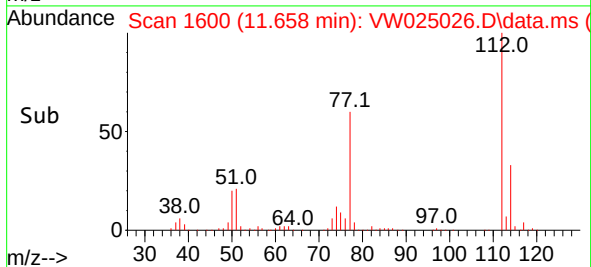
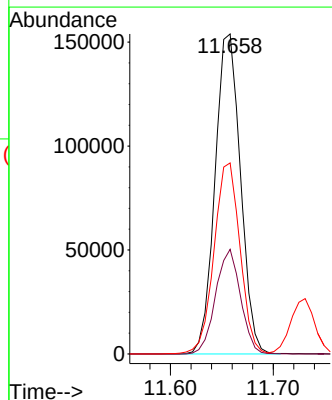
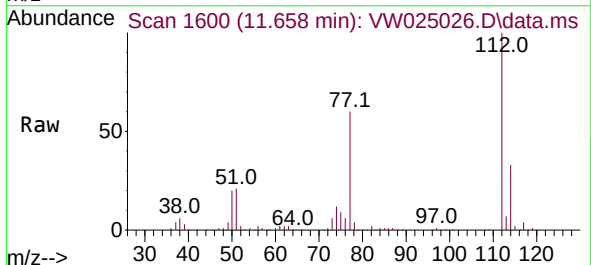
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

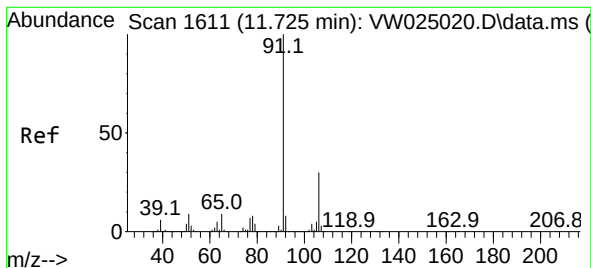
Tgt Ion:107 Resp: 65853
Ion Ratio Lower Upper
107 100
109 92.9 64.5 119.7
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 26.160 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion:112 Resp: 264721
Ion Ratio Lower Upper
112 100
114 32.7 20.8 38.6
77 59.7 48.2 72.2

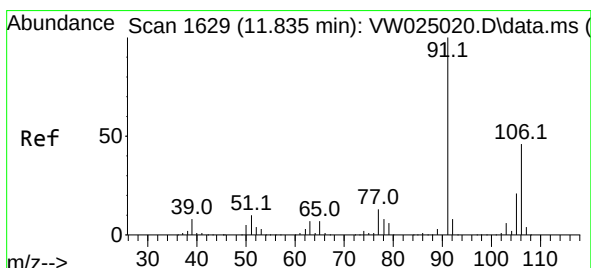
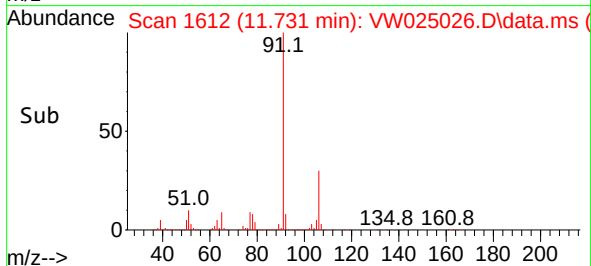
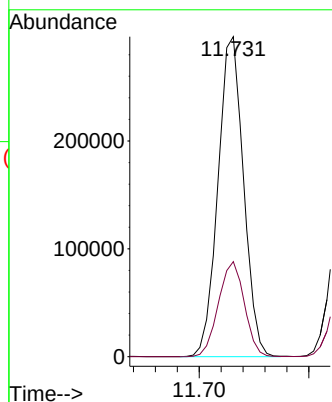
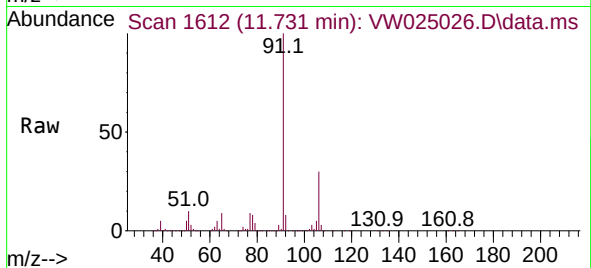




#52
Ethylbenzene
Concen: 26.669 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

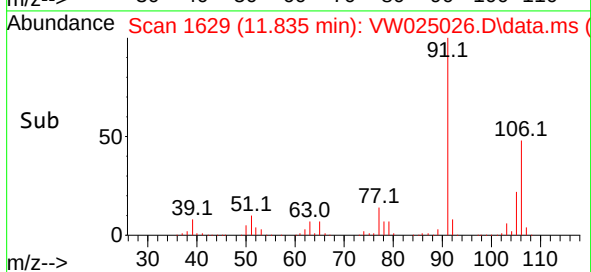
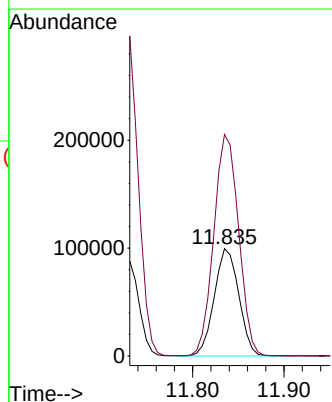
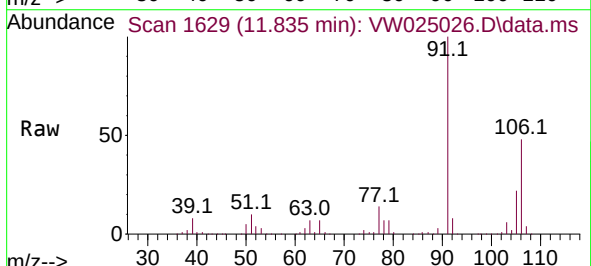
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

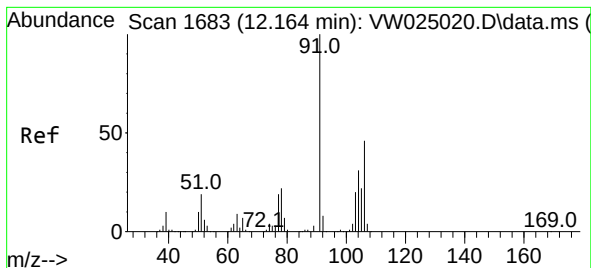
Tgt Ion: 91 Resp: 480597
Ion Ratio Lower Upper
91 100
106 29.7 22.3 41.5



#53
m,p-Xylene
Concen: 26.628 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion: 106 Resp: 185744
Ion Ratio Lower Upper
106 100
91 206.2 143.9 267.2





#54

o-Xylene

Concen: 26.678 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

Instrument :

MSVOA_W

ClientSampleId :

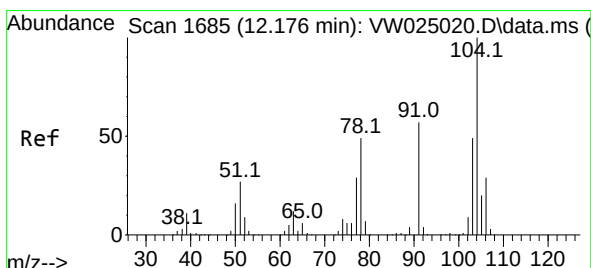
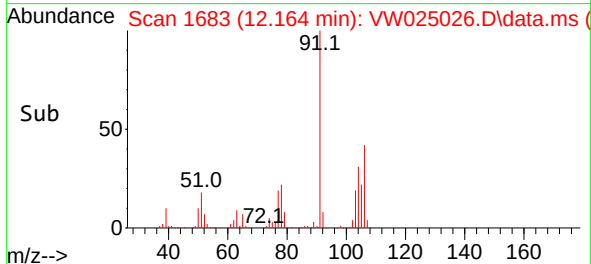
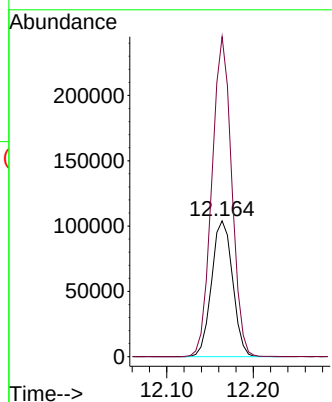
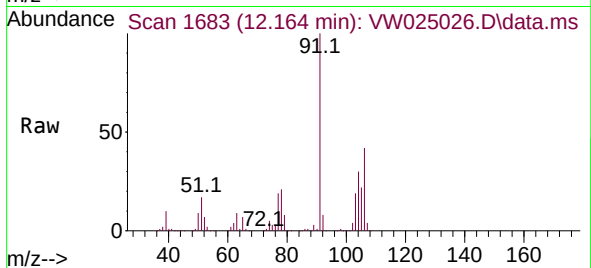
VSTD025489

Tgt Ion:106 Resp: 175568

Ion Ratio Lower Upper

106 100

91 235.6 153.5 285.1



#55

Styrene

Concen: 26.612 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW025026.D

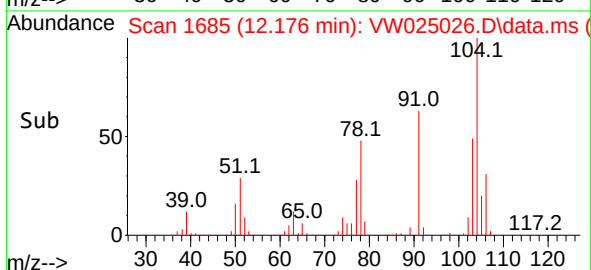
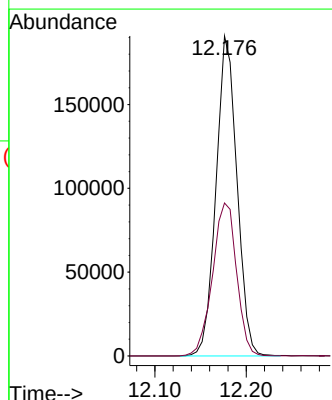
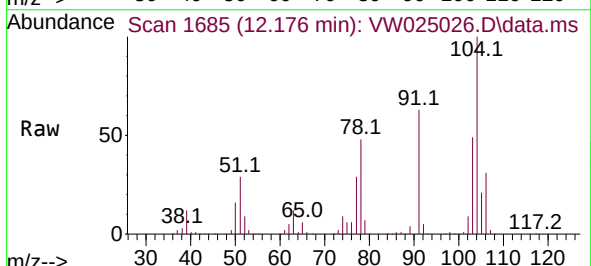
Acq: 09 Nov 2022 08:36

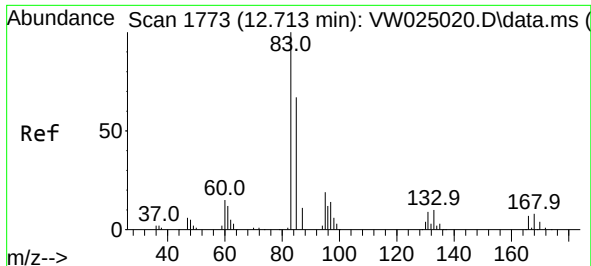
Tgt Ion:104 Resp: 304174

Ion Ratio Lower Upper

104 100

78 47.8 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 25.170 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025489

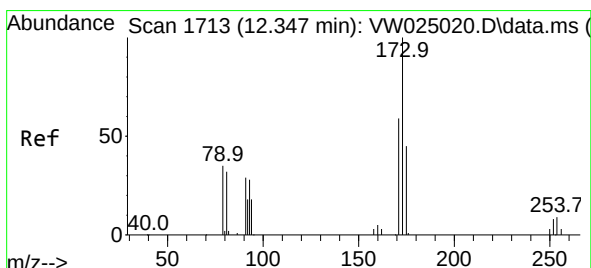
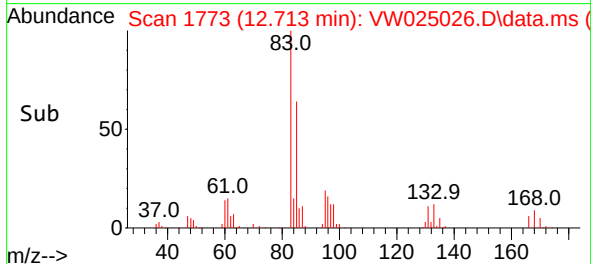
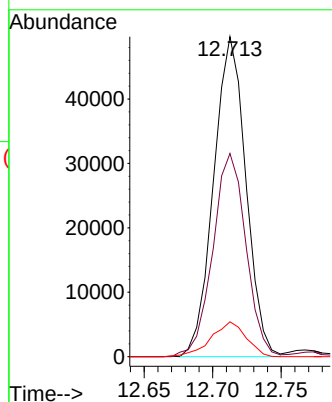
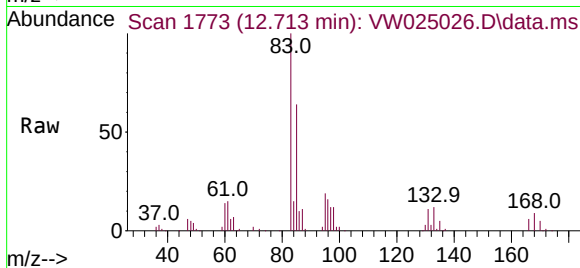
Tgt Ion: 83 Resp: 81368

Ion Ratio Lower Upper

83 100

85 63.5 46.4 86.2

131 10.9 8.2 12.4



#59

Bromoform

Concen: 26.792 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

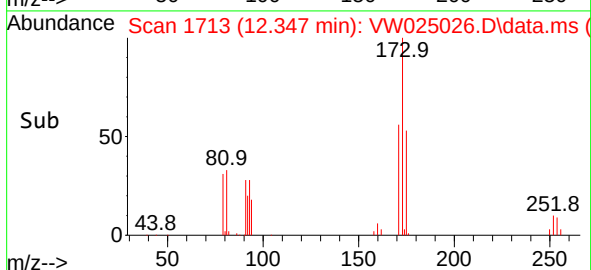
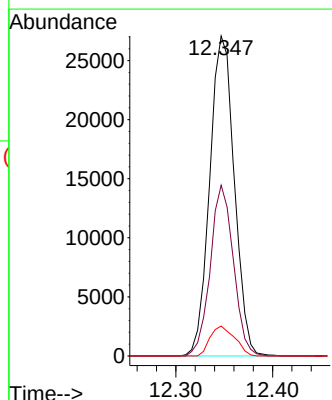
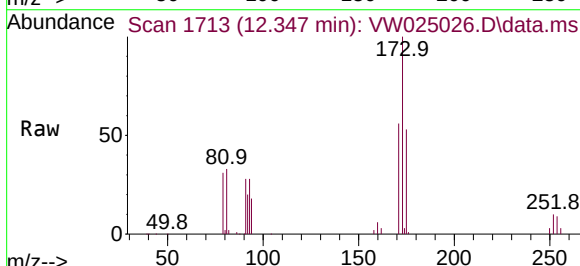
Tgt Ion:173 Resp: 47851

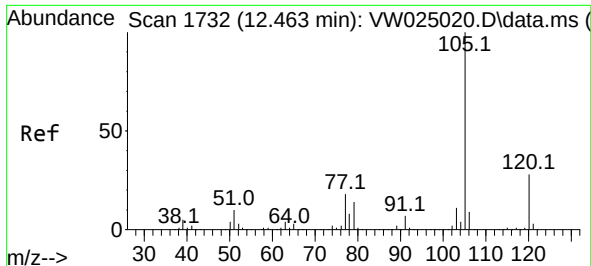
Ion Ratio Lower Upper

173 100

175 50.1 37.4 56.2

254 9.3 5.8 8.8#

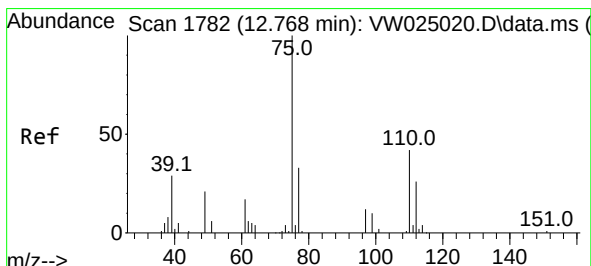
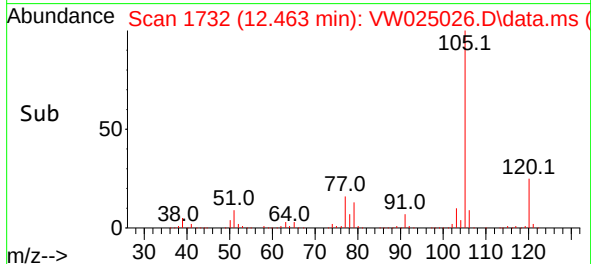
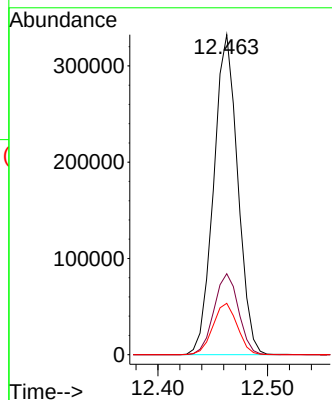
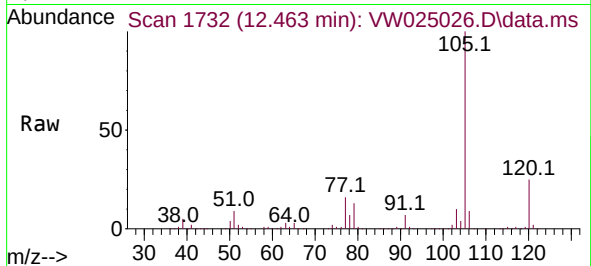




#60
Isopropylbenzene
Concen: 26.760 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

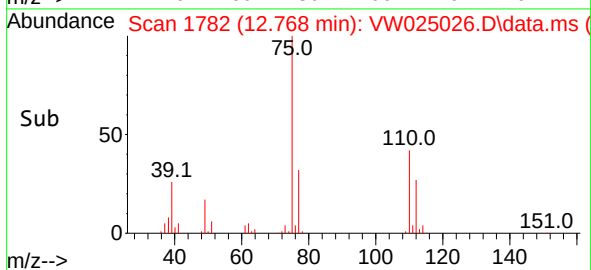
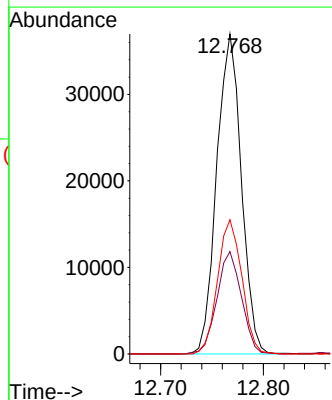
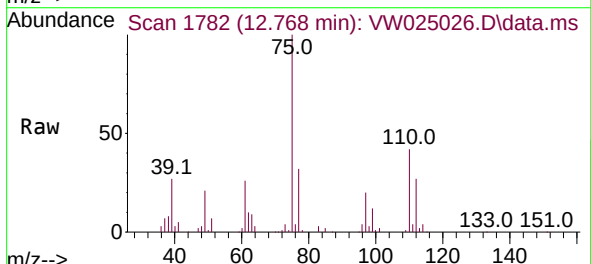
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

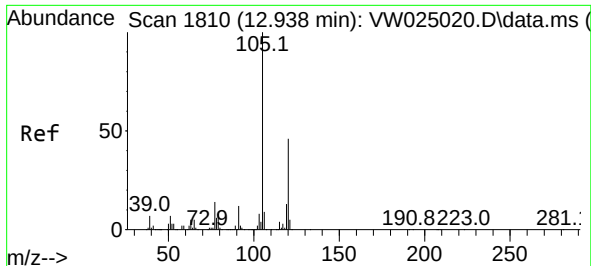
Tgt Ion:105 Resp: 508046
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 16.3 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 24.227 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion: 75 Resp: 61463
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 41.3 31.7 47.5

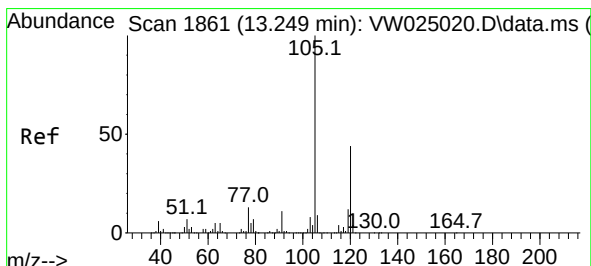
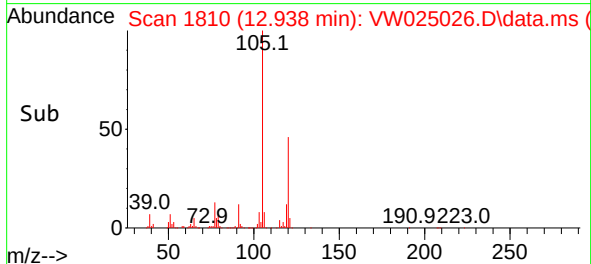
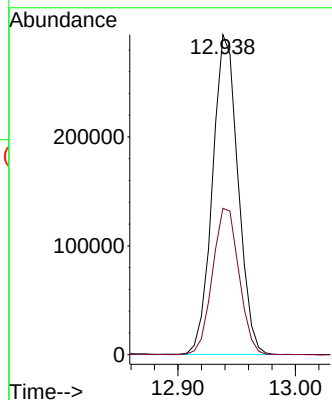
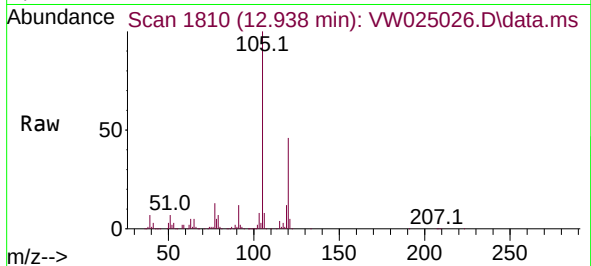




#62
 1,3,5-Trimethylbenzene
 Concen: 26.972 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW025026.D
 Acq: 09 Nov 2022 08:36

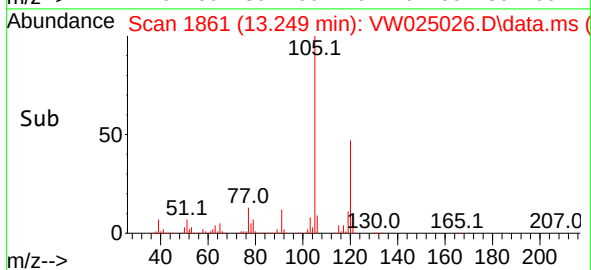
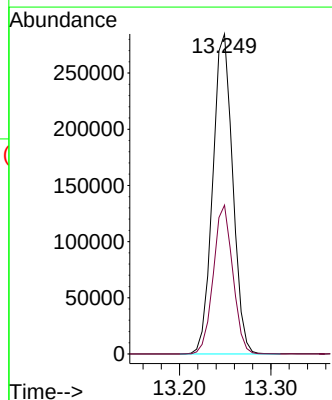
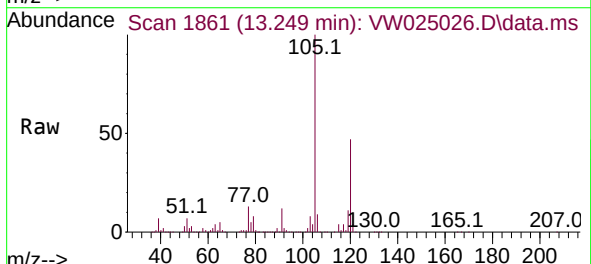
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025489

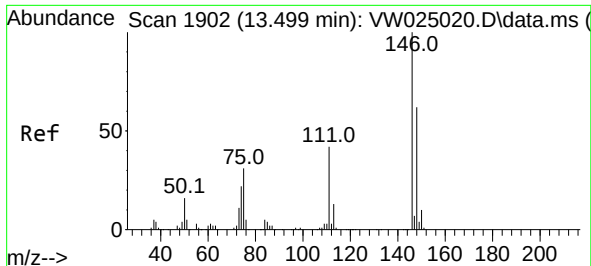
Tgt Ion:105 Resp: 444514
 Ion Ratio Lower Upper
 105 100
 120 47.5 37.6 56.4



#63
 1,2,4-Trimethylbenzene
 Concen: 26.647 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW025026.D
 Acq: 09 Nov 2022 08:36

Tgt Ion:105 Resp: 430629
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.7 53.5

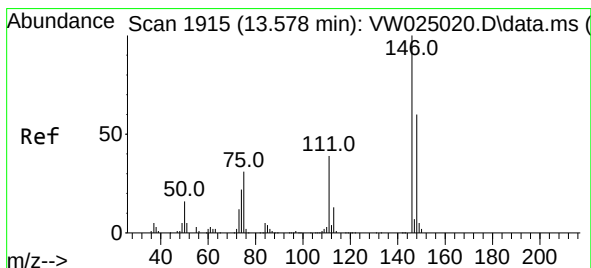
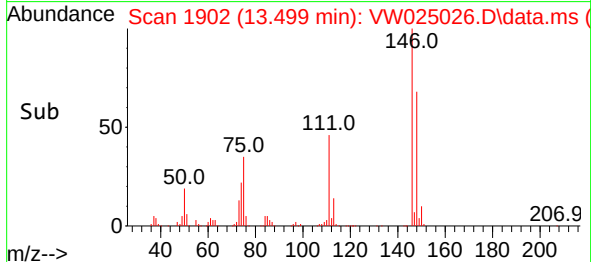
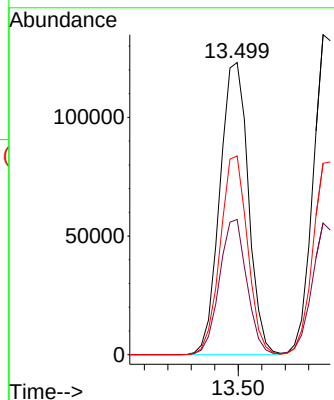
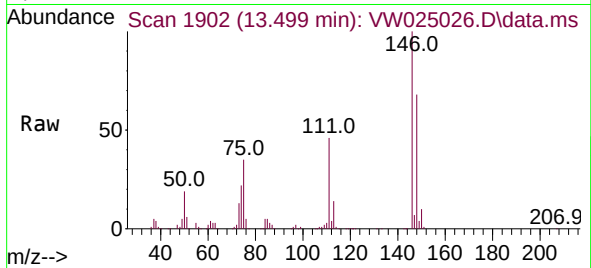




#64
1,3-Dichlorobenzene
Concen: 26.210 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

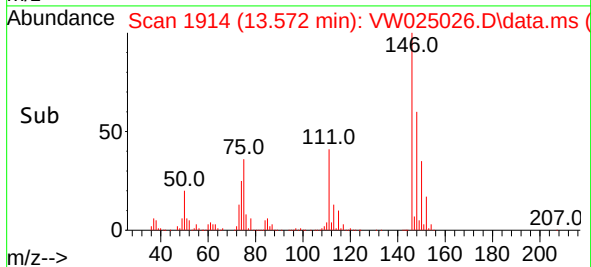
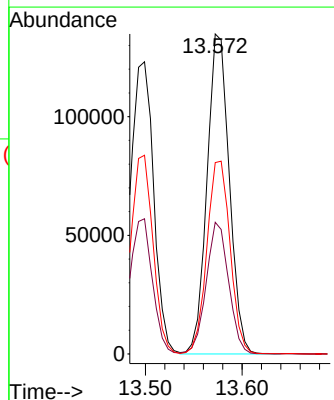
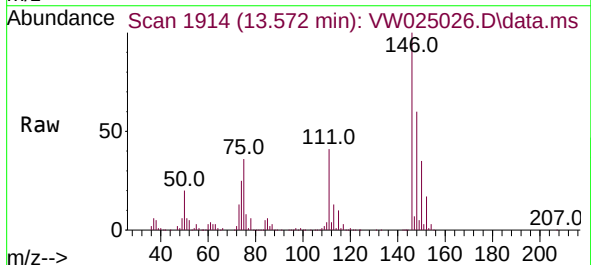
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

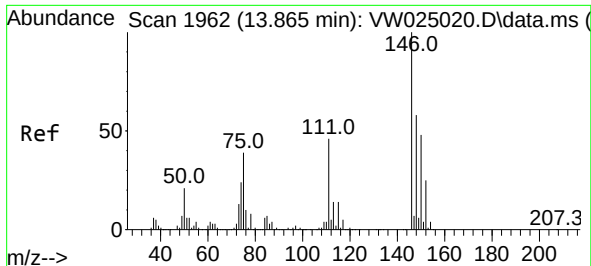
Tgt Ion:146 Resp: 207535
Ion Ratio Lower Upper
146 100
111 46.3 31.1 57.7
148 68.0 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 27.397 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion:146 Resp: 216464
Ion Ratio Lower Upper
146 100
111 41.2 28.8 53.6
148 59.8 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 26.665 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025489

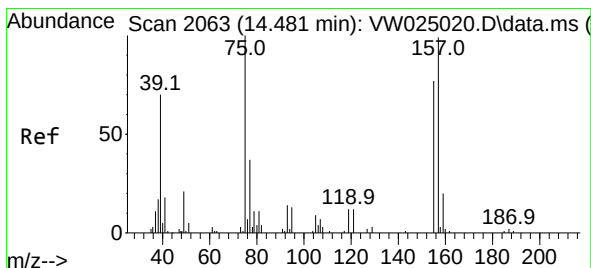
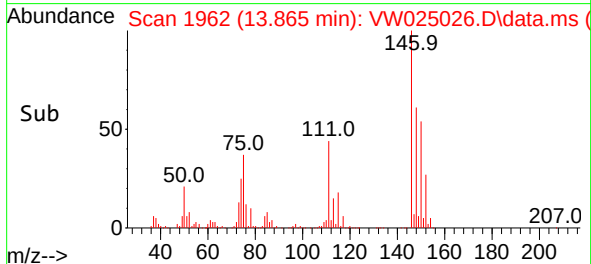
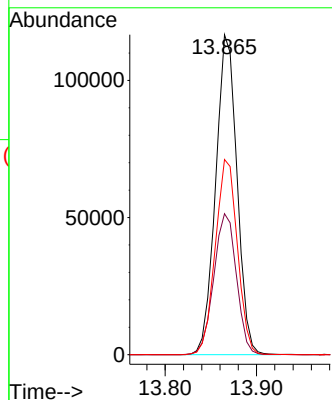
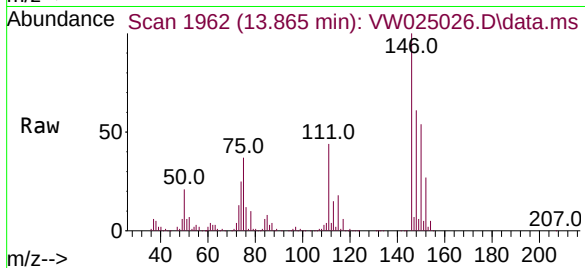
Tgt Ion:146 Resp: 189844

Ion Ratio Lower Upper

146 100

111 44.0 34.2 51.4

148 61.0 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 25.954 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025026.D

Acq: 09 Nov 2022 08:36

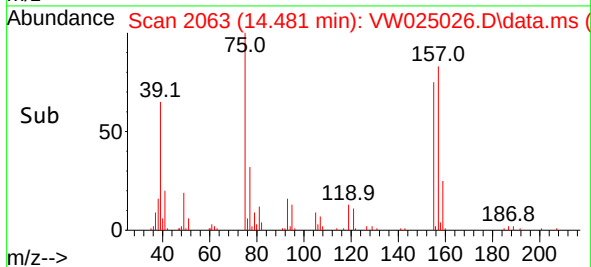
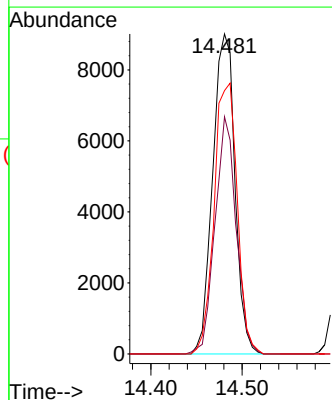
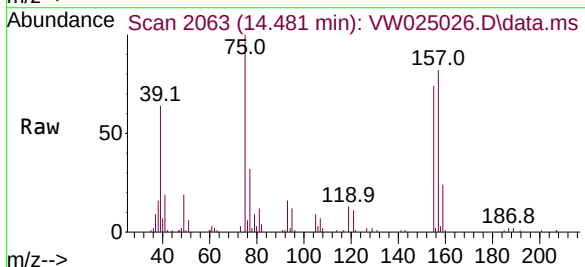
Tgt Ion: 75 Resp: 15216

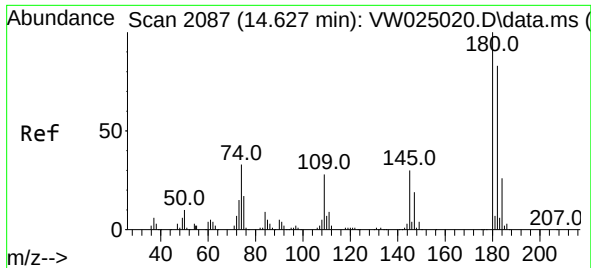
Ion Ratio Lower Upper

75 100

155 74.1 61.2 91.8

157 82.3 72.4 108.6

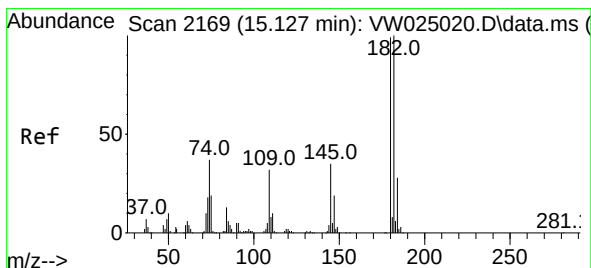
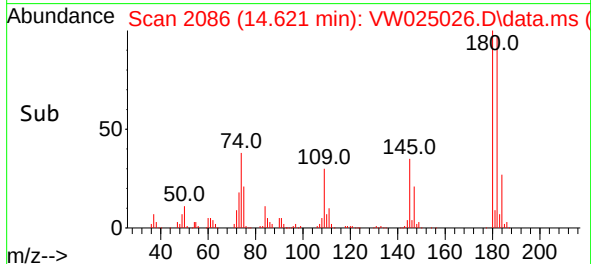
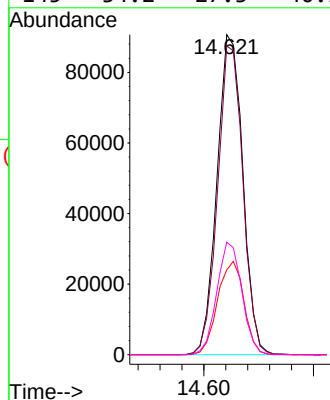
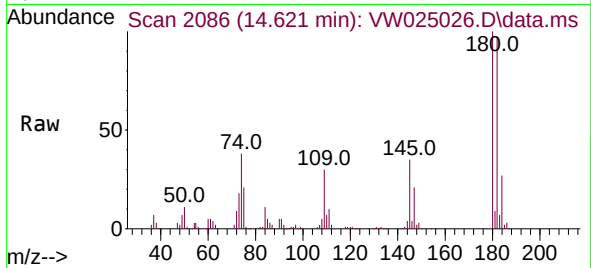




#69
1,3,5-Trichlorobenzene
Concen: 28.242 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

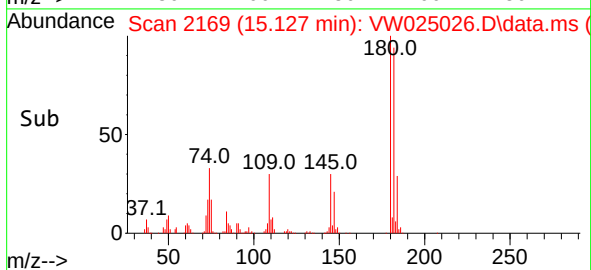
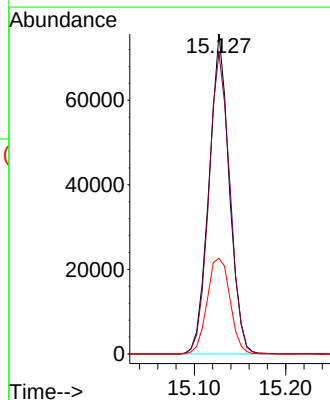
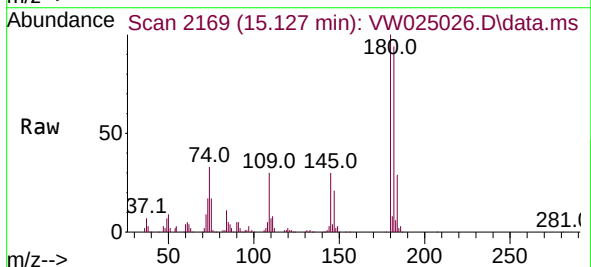
Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

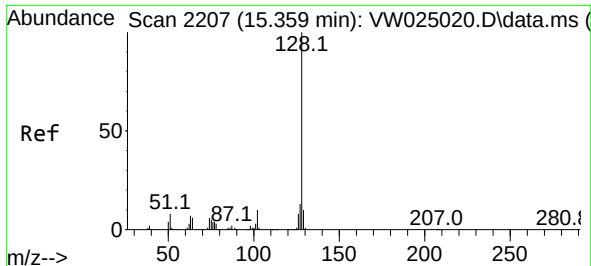
Tgt Ion:180	Resp:	148116
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.7 113.5
184	29.9	23.4 35.2
145	34.2	27.3 40.9



#70
1,2,4-trichlorobenzene
Concen: 28.578 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion:180	Resp:	116493
Ion Ratio	Lower	Upper
180	100	
182	97.7	74.9 112.3
145	33.8	27.0 40.4

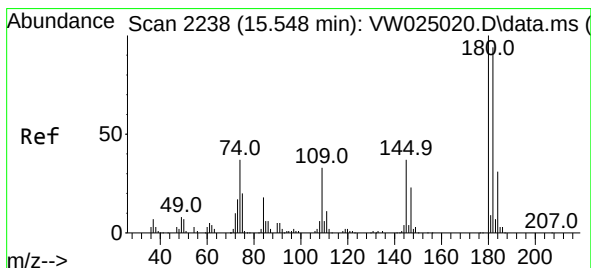
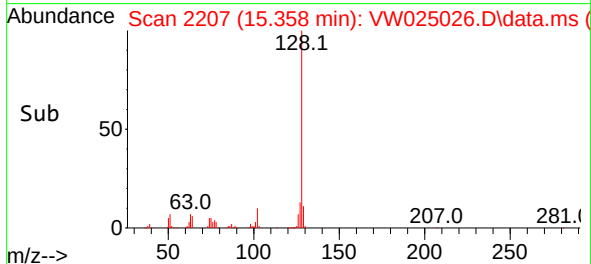
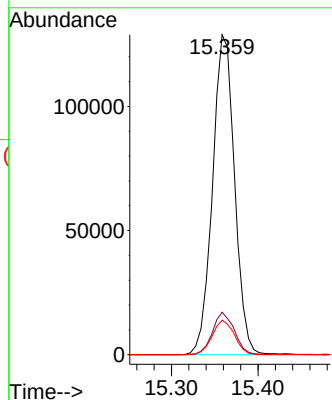
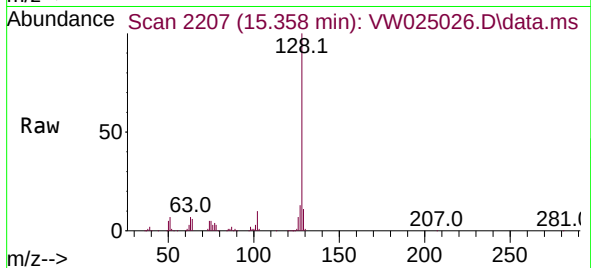




#71
Naphthalene
Concen: 26.498 ug/L
RT: 15.358 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

Tgt Ion:128 Resp: 227858
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 27.985 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW025026.D
Acq: 09 Nov 2022 08:36

Tgt Ion:180 Resp: 99397
Ion Ratio Lower Upper
180 100
182 94.7 74.1 111.1
145 36.7 28.2 42.2

