

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020323\
 Data File : VW025267.D
 Acq On : 03 Feb 2023 09:30
 Operator : SY/MD
 Sample : VSTD05022
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050422

Quant Time: Feb 03 11:16:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:15:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	392810	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	345207	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171450	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	193829	50.992	ug/L	0.00
7) Chloroethane-d5	2.897	69	166028	49.192	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	506834	48.086	ug/L	0.00
21) 2-Butanone-d5	7.074	46	107879	109.690	ug/L	-0.01
24) Chloroform-d	7.647	84	494186	47.999	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	253979	50.643	ug/L	0.00
32) Benzene-d6	8.274	84	975893	46.643	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	281456	45.977	ug/L	0.00
41) Toluene-d8	10.323	98	884135	47.274	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	105510	46.125	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	68532	99.847	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	210265	50.508	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	284345	47.802	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.020	85	261983	55.943	ug/L	93
3) Chloromethane	2.227	50	252665	49.606	ug/L	99
5) Vinyl chloride	2.373	62	273594	52.653	ug/L	97
6) Bromomethane	2.788	94	176455	49.597	ug/L	96
8) Chloroethane	2.934	64	160023	49.332	ug/L	98
9) Trichlorofluoromethane	3.269	101	363531	48.638	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	276824	51.078	ug/L	98
12) 1,1-Dichloroethene	4.044	96	264495	49.163	ug/L	98
13) Acetone	4.129	43	108426	100.556	ug/L	100
14) Carbon disulfide	4.391	76	869860	49.477	ug/L	100
15) Methyl Acetate	4.672	43	99960	61.629	ug/L	100
16) Methylene chloride	4.921	84	269503	40.303	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	279757	48.420	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	432296	52.048	ug/L	100
19) 1,1-Dichloroethane	6.220	63	502416	48.836	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	298853	49.263	ug/L	95
22) 2-Butanone	7.171	43	138085	108.772	ug/L	100
23) Bromochloromethane	7.519	128	126789	50.740	ug/L	92
25) Chloroform	7.677	83	516553	48.813	ug/L	94
27) 1,2-Dichloroethane	8.403	62	336807	52.257	ug/L	100
29) Cyclohexane	7.957	56	483221	48.607	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	463084	47.293	ug/L	99
31) Carbon tetrachloride	8.073	117	422288	46.620	ug/L	100
33) Benzene	8.323	78	1123088	47.012	ug/L	100
34) Trichloroethene	9.091	95	308480	46.101	ug/L	98
35) Methylcyclohexane	9.335	83	550516	46.091	ug/L	99
37) 1,2-Dichloropropane	9.366	63	273852	46.480	ug/L	100
38) Bromodichloromethane	9.646	83	372189	47.507	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	473714	49.104	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	273730	105.221	ug/L	99
42) Toluene	10.390	91	1029495	43.336	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	327613	47.642	ug/L	99

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

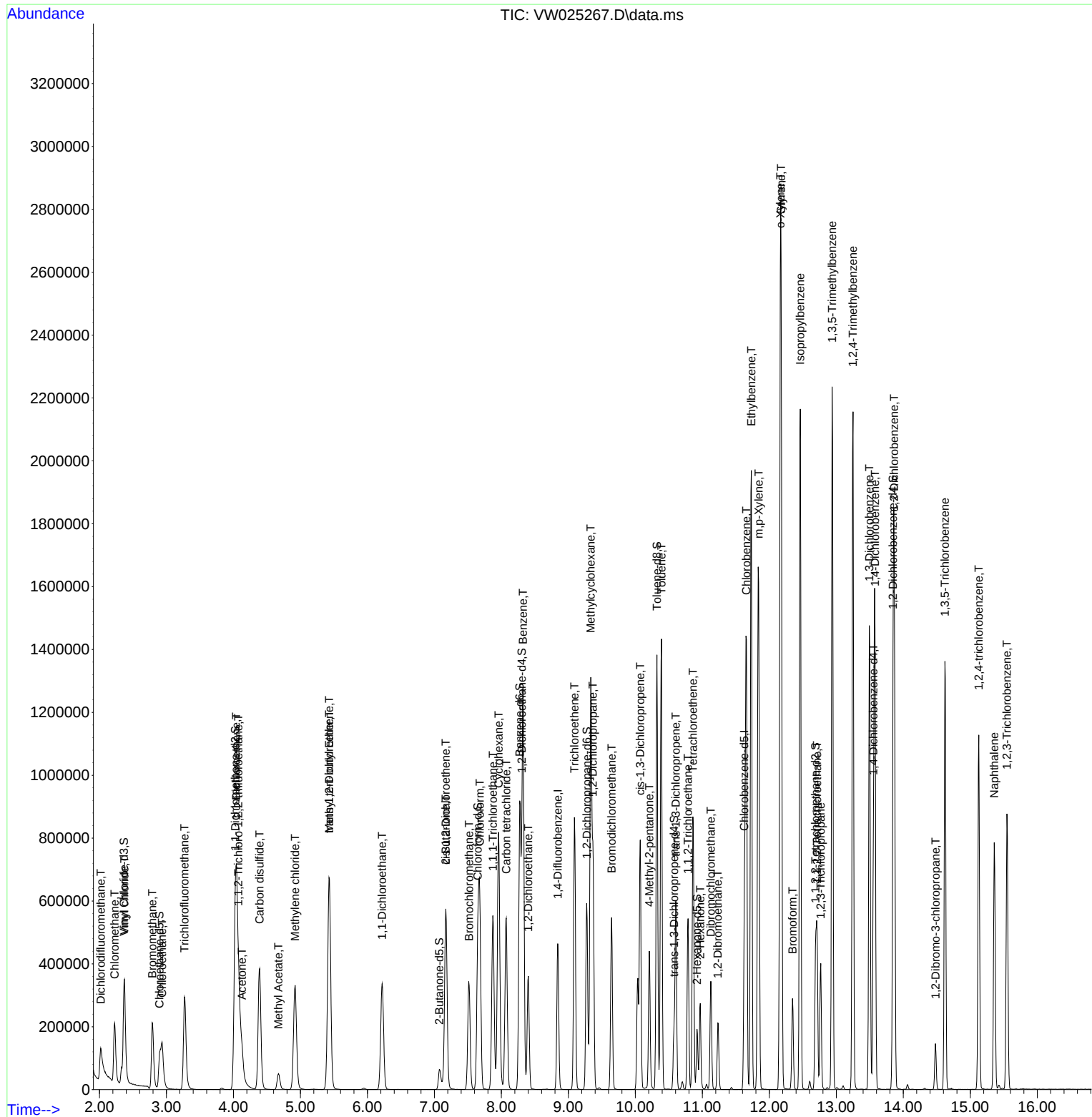
45) 1,1,2-Trichloroethane	10.786	97	171249	46.118	ug/L	95
46) Tetrachloroethene	10.859	164	189028	44.203	ug/L	97
48) 2-Hexanone	10.969	43	163775	99.740	ug/L	99
49) Dibromochloromethane	11.128	129	179732	42.854	ug/L	99
50) 1,2-Dibromoethane	11.231	107	140649	41.348	ug/L #	99
51) Chlorobenzene	11.658	112	775616	49.611	ug/L	98
52) Ethylbenzene	11.731	91	1412505	49.625	ug/L	97
53) m,p-Xylene	11.841	106	538031	49.876	ug/L	98
54) o-Xylene	12.164	106	513257	47.264	ug/L	96
55) Styrene	12.176	104	869731	47.302	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	229021	51.763	ug/L	99
59) Bromoform	12.347	173	128710	52.913	ug/L	100
60) Isopropylbenzene	12.463	105	1416146	48.772	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	165814	54.394	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	1210803	51.726	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1174498	50.075	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	599309	49.819	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	575338	48.466	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	516599	49.832	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	38013	53.391	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	402627	51.466	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	335828	52.720	ug/L	99
71) Naphthalene	15.359	128	661669	56.821	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	284659	52.045	ug/L	98

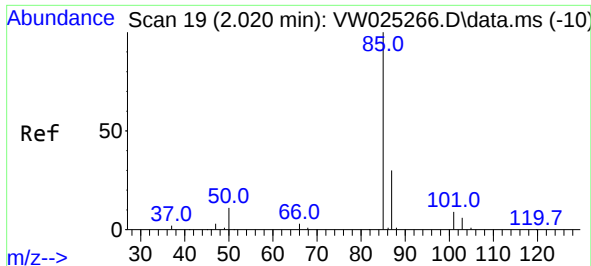
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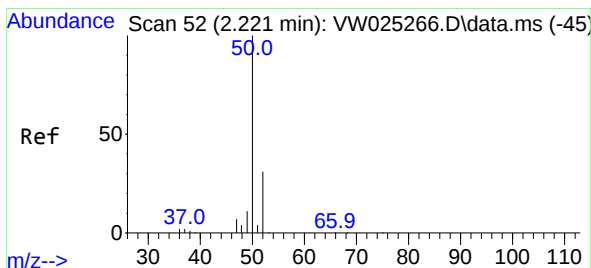
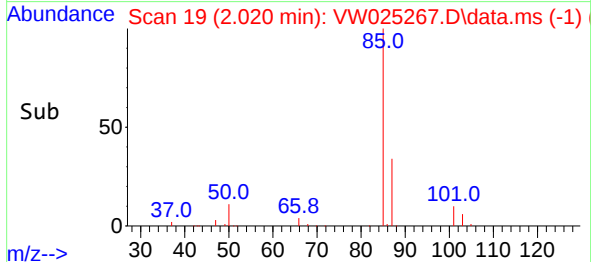
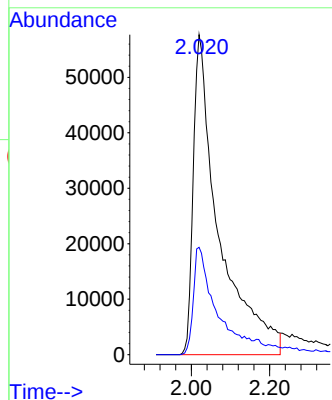
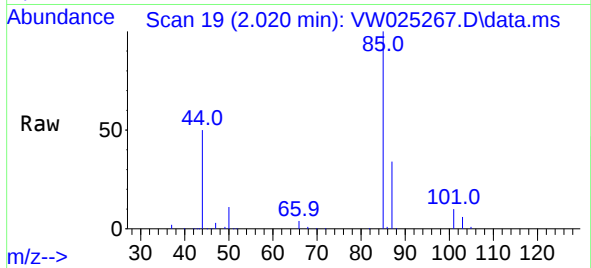




#2
Dichlorodifluoromethane
Concen: 55.943 ug/L
RT: 2.020 min Scan# 19
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

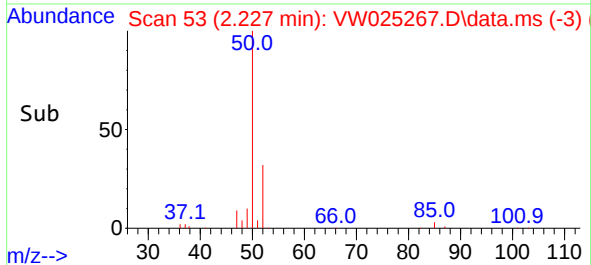
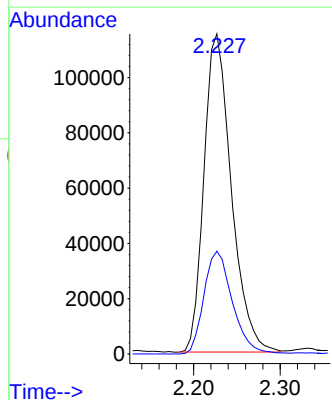
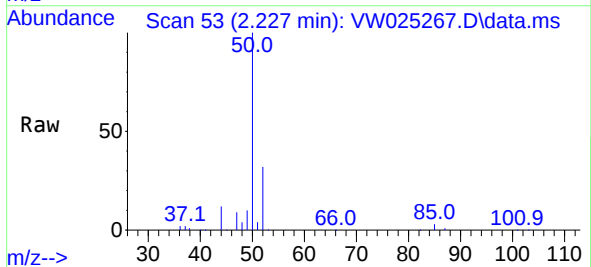
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MSVOA_W
ClientSampleId :
VSTD050422

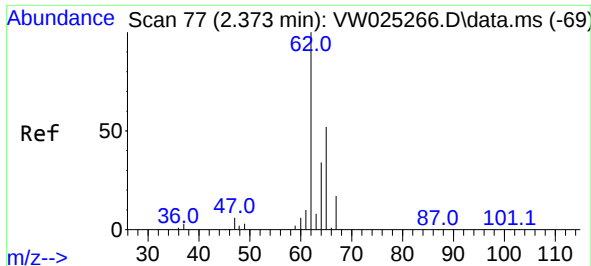
Tgt Ion: 85 Resp: 261983
Ion Ratio Lower Upper
85 100
87 25.5 23.3 34.9



#3
Chloromethane
Concen: 49.606 ug/L
RT: 2.227 min Scan# 53
Delta R.T. 0.006 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion: 50 Resp: 252665
Ion Ratio Lower Upper
50 100
52 32.1 22.0 40.8

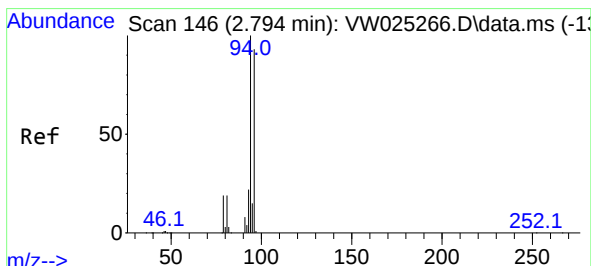
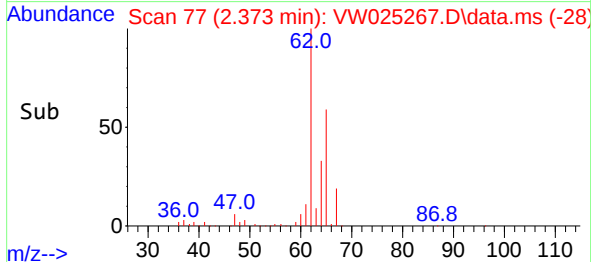
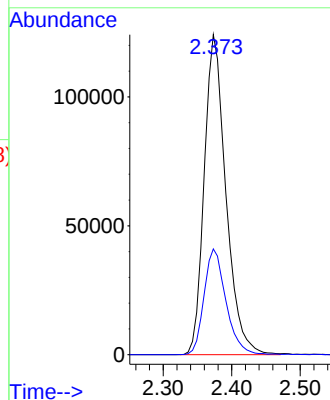
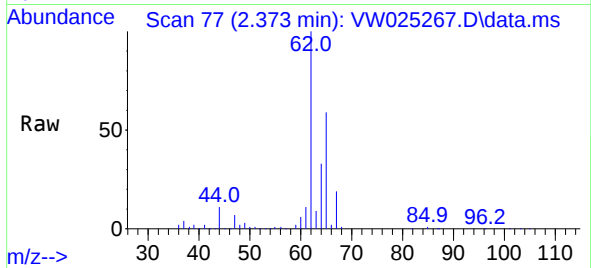




#5
 Vinyl chloride
 Concen: 52.653 ug/L
 RT: 2.373 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW025267.D
 Acq: 03 Feb 2023 09:30

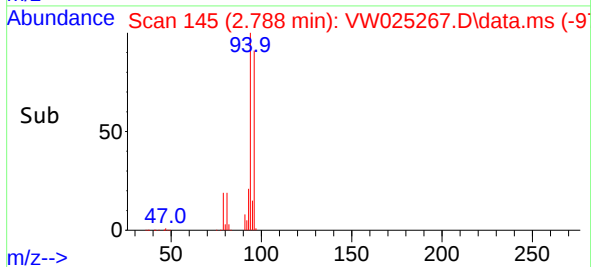
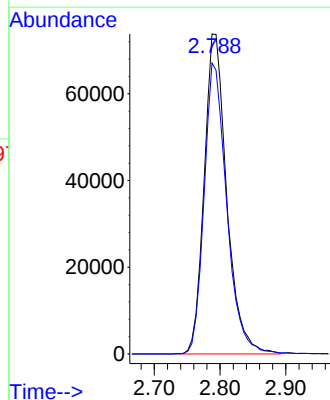
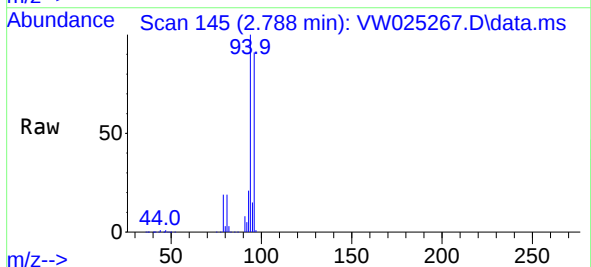
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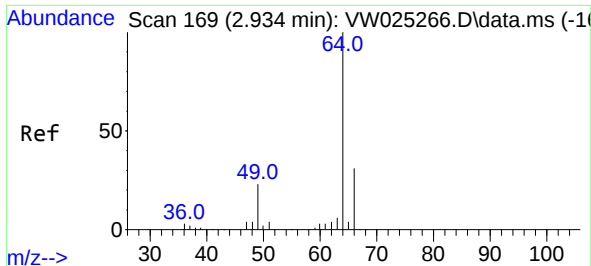
Tgt Ion: 62 Resp: 273594
 Ion Ratio Lower Upper
 62 100
 64 33.0 21.8 40.6



#6
 Bromomethane
 Concen: 49.597 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.006 min
 Lab File: VW025267.D
 Acq: 03 Feb 2023 09:30

Tgt Ion: 94 Resp: 176455
 Ion Ratio Lower Upper
 94 100
 96 90.9 66.3 123.1

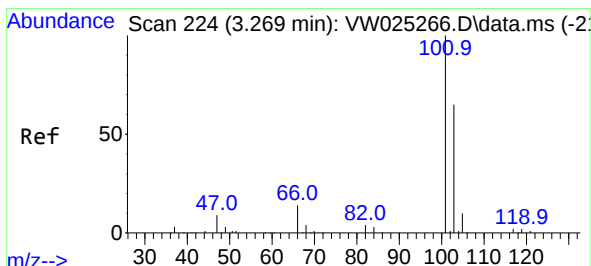
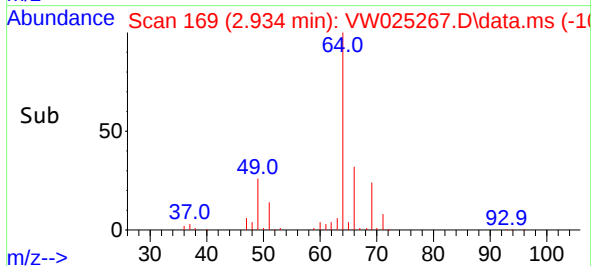
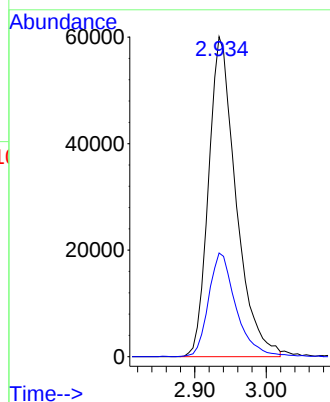
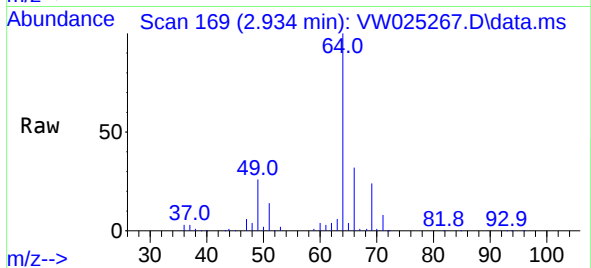




#8
Chloroethane
Concen: 49.332 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

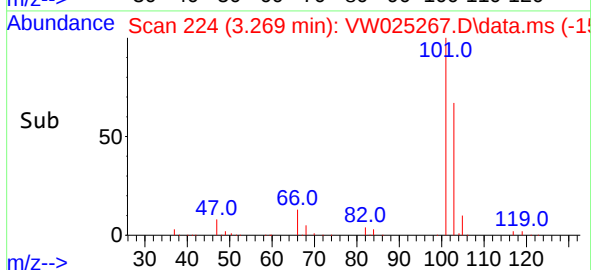
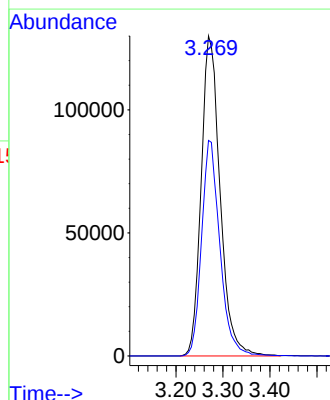
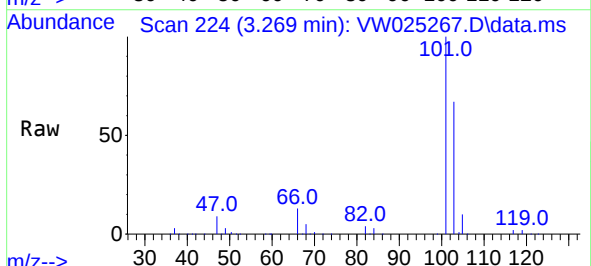
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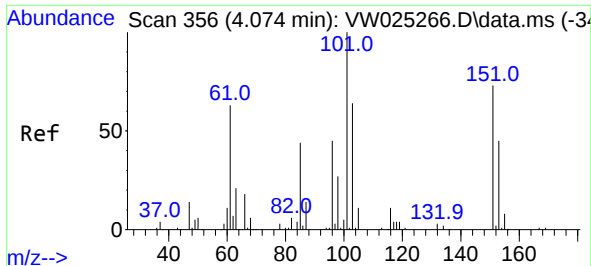
Tgt Ion: 64 Resp: 160023
Ion Ratio Lower Upper
64 100
66 32.4 21.9 40.7



#9
Trichlorofluoromethane
Concen: 48.638 ug/L
RT: 3.269 min Scan# 224
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion:101 Resp: 363531
Ion Ratio Lower Upper
101 100
103 64.9 52.4 78.6

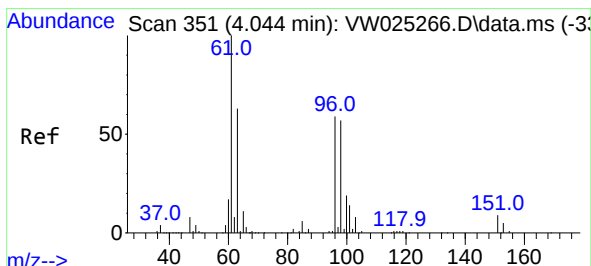
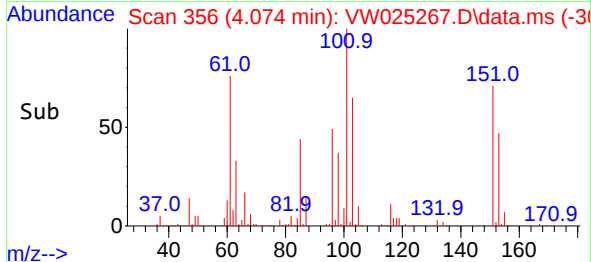
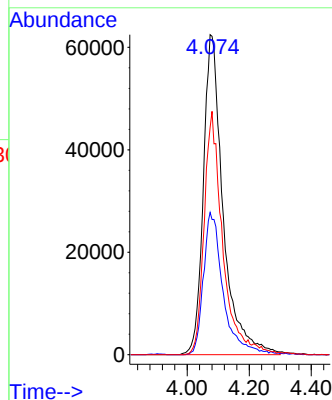
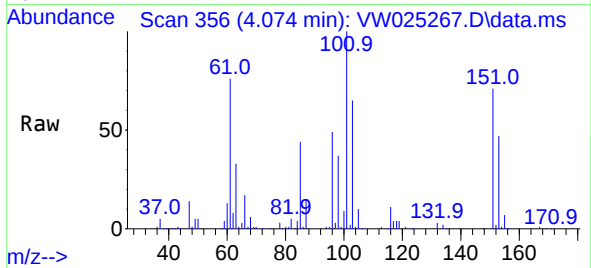




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.078 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. -0.000 min
 Lab File: VW025267.D
 Acq: 03 Feb 2023 09:30

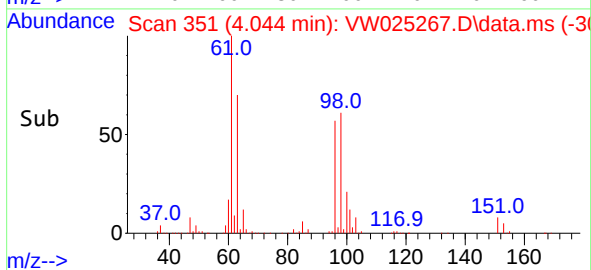
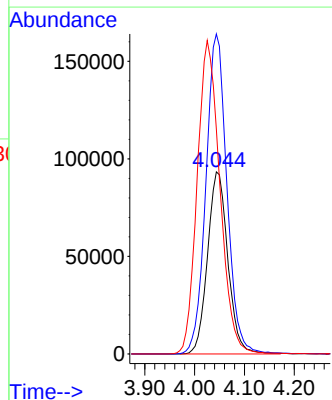
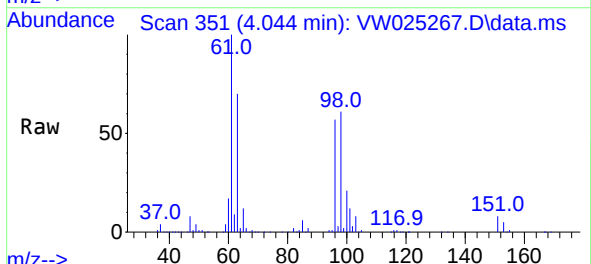
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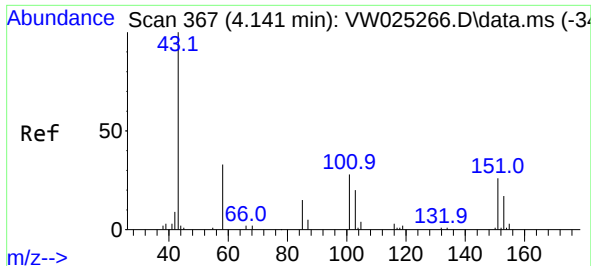
Tgt Ion:101 Resp: 276824
 Ion Ratio Lower Upper
 101 100
 85 43.6 32.8 49.2
 151 68.5 54.7 82.1



#12
 1,1-Dichloroethene
 Concen: 49.163 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW025267.D
 Acq: 03 Feb 2023 09:30

Tgt Ion: 96 Resp: 264495
 Ion Ratio Lower Upper
 96 100
 61 175.8 120.8 224.4
 63 123.5 85.7 159.1

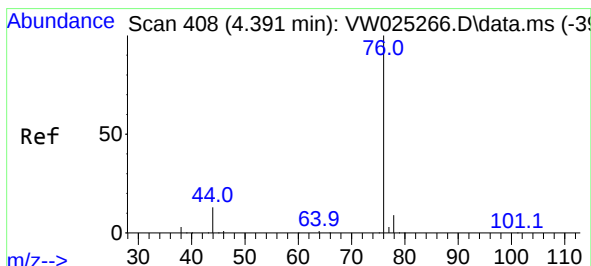
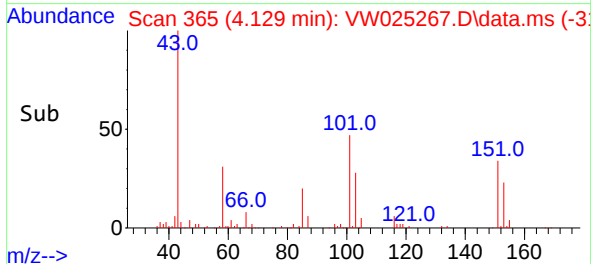
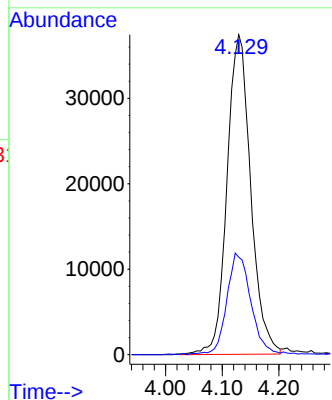
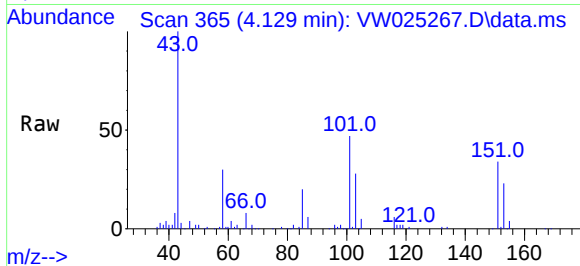




#13
Acetone
Concen: 100.556 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

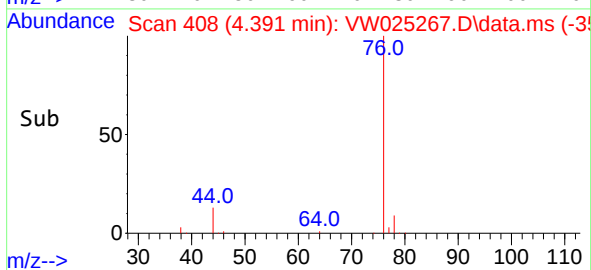
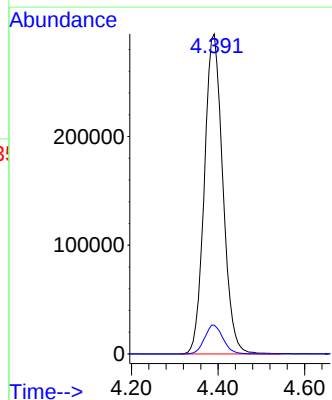
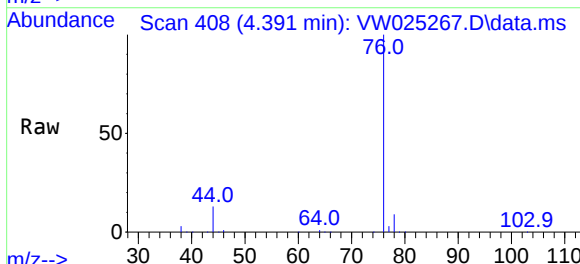
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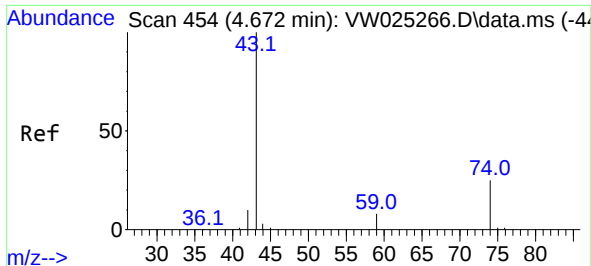
Tgt Ion: 43 Resp: 108426
Ion Ratio Lower Upper
43 100
58 31.7 0.0 63.0



#14
Carbon disulfide
Concen: 49.477 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 869860
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

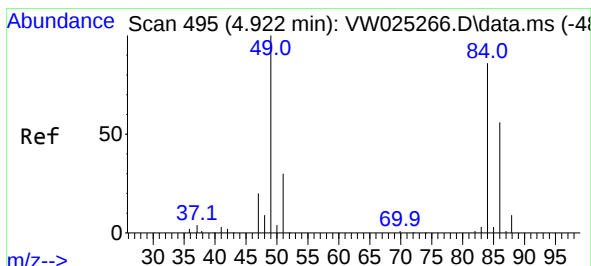
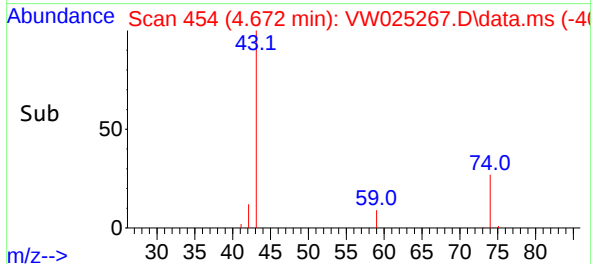
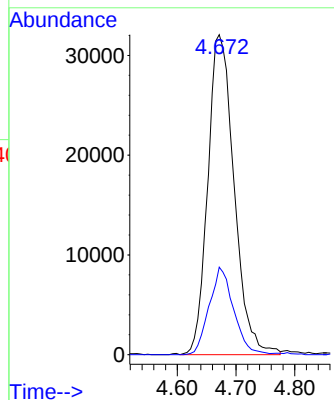
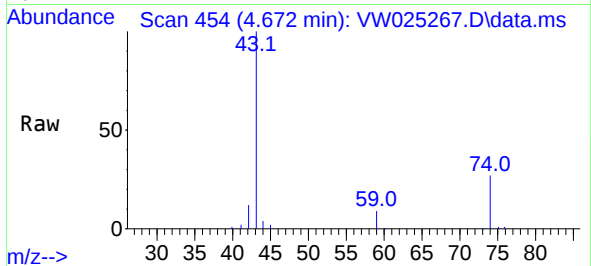




#15
Methyl Acetate
Concen: 61.629 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

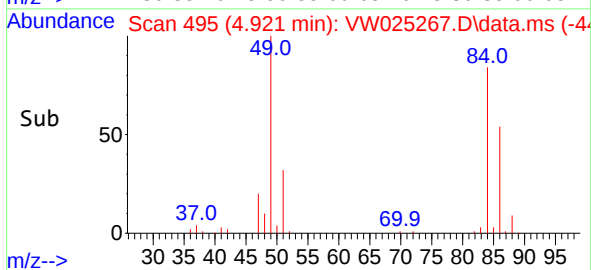
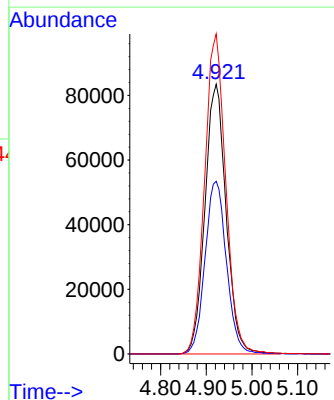
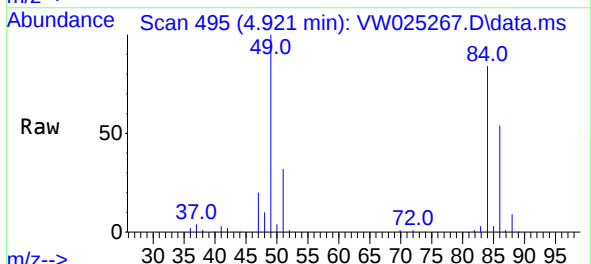
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

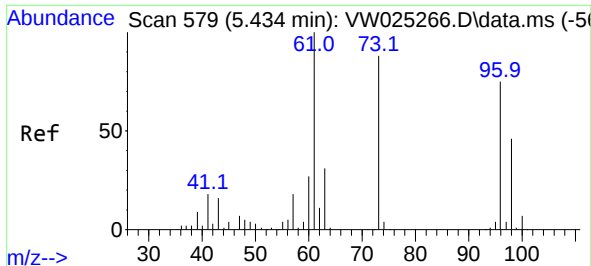
Tgt Ion: 43 Resp: 99960
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.2



#16
Methylene chloride
Concen: 40.303 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion: 84 Resp: 269503
Ion Ratio Lower Upper
84 100
86 64.0 47.2 87.6
49 118.6 86.5 160.7

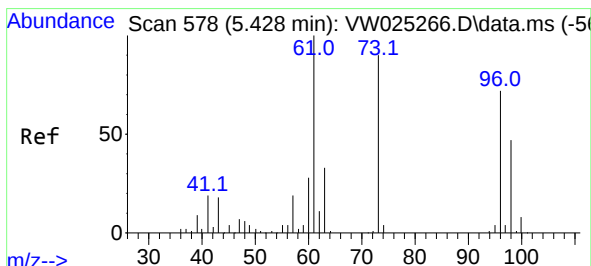
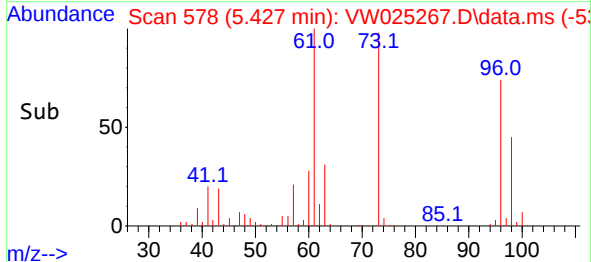
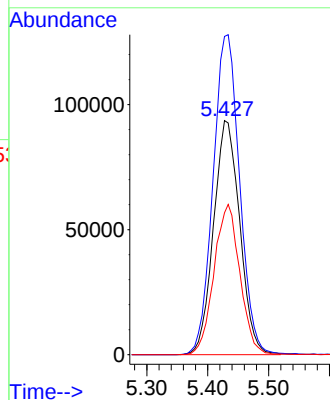
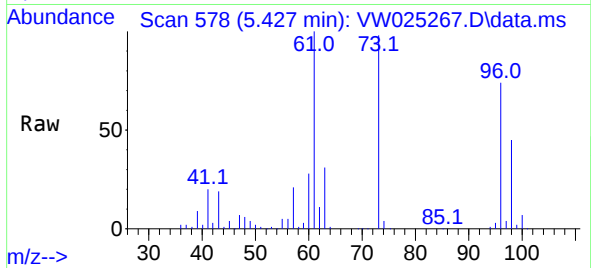




#17
trans-1,2-Dichloroethene
Concen: 48.420 ug/L
RT: 5.427 min Scan# 517
Delta R.T. -0.006 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

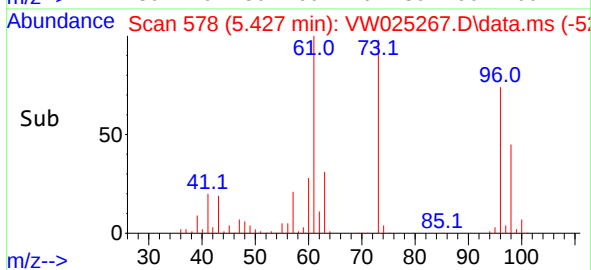
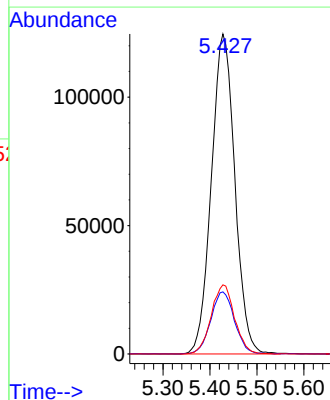
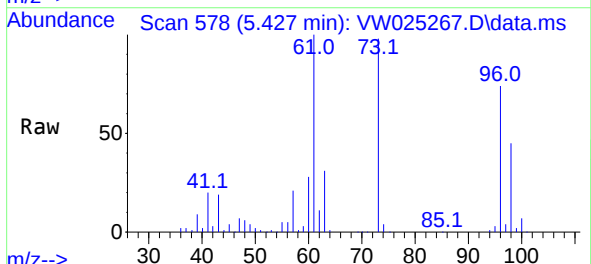
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

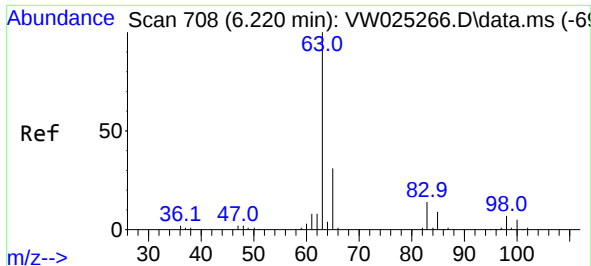
Tgt Ion: 96 Resp: 279757
Ion Ratio Lower Upper
96 100
61 136.0 98.4 182.8
98 60.6 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 52.048 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion: 73 Resp: 432296
Ion Ratio Lower Upper
73 100
43 19.6 15.8 23.6
57 21.5 17.0 25.4





#19

1,1-Dichloroethane

Concen: 48.836 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD050422

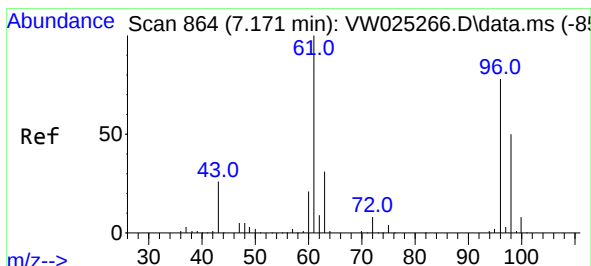
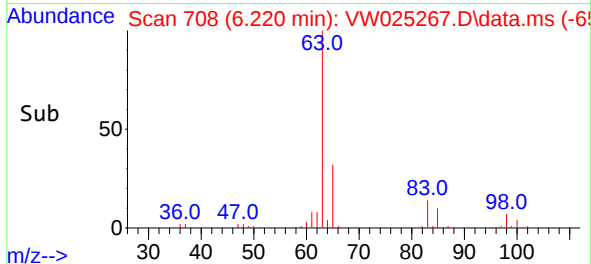
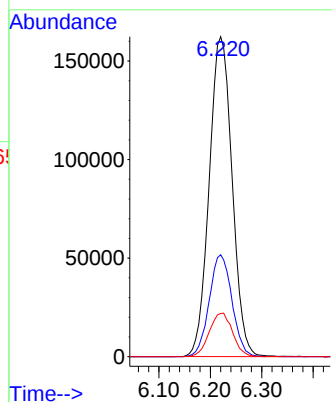
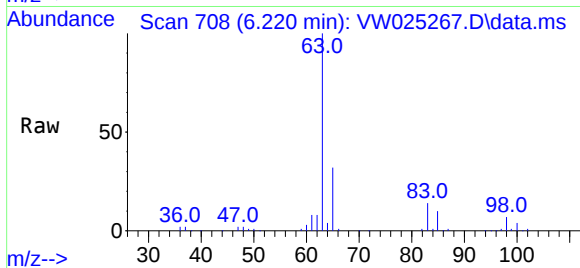
Tgt Ion: 63 Resp: 502416

Ion Ratio Lower Upper

63 100

65 31.9 22.0 41.0

83 13.5 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 49.263 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

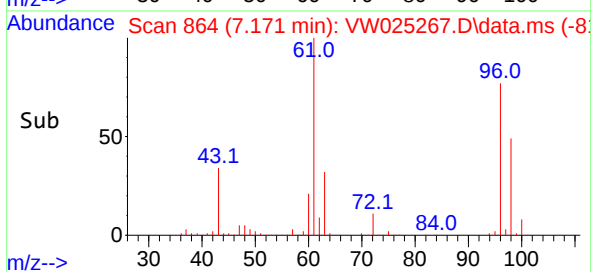
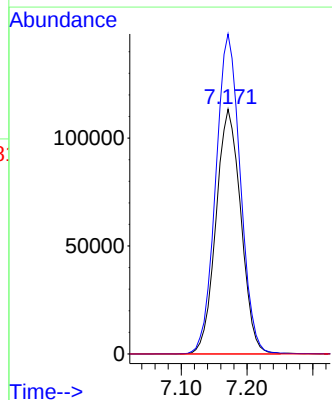
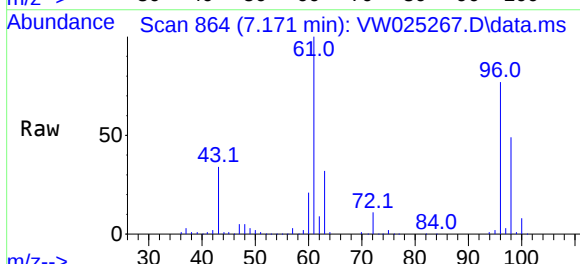
Tgt Ion: 96 Resp: 298853

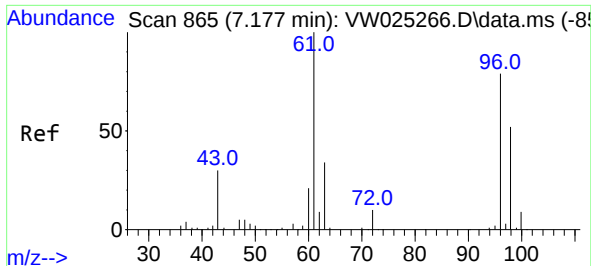
Ion Ratio Lower Upper

96 100

61 130.7 87.2 162.0

68 0.0 0.0 0.0

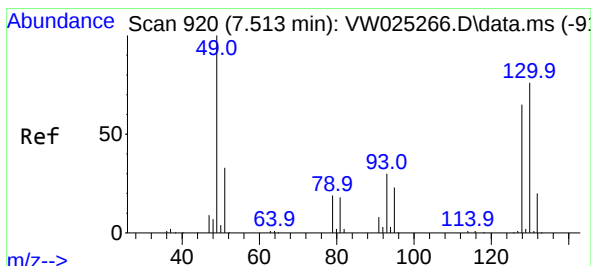
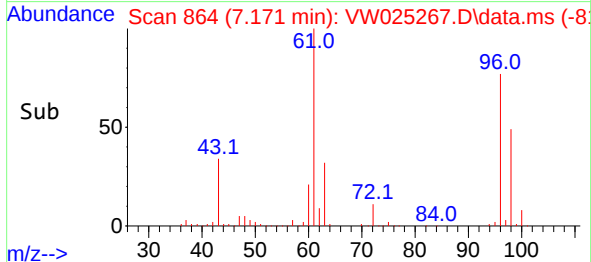
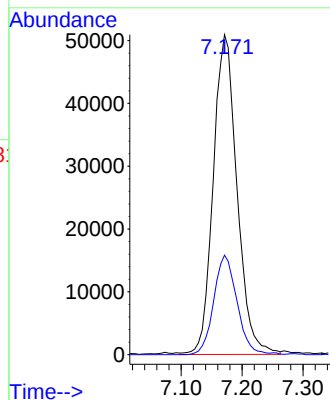
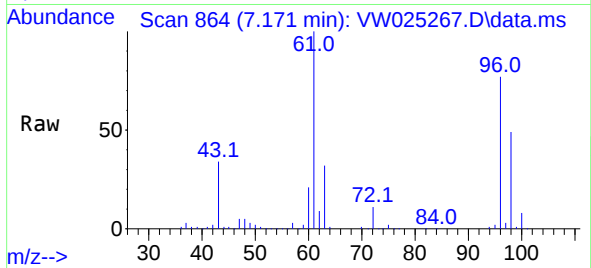




#22
2-Butanone
Concen: 108.772 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

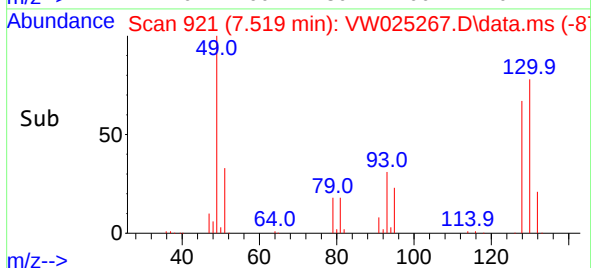
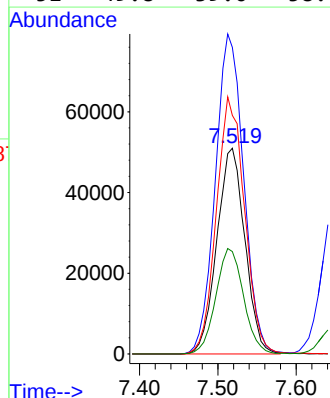
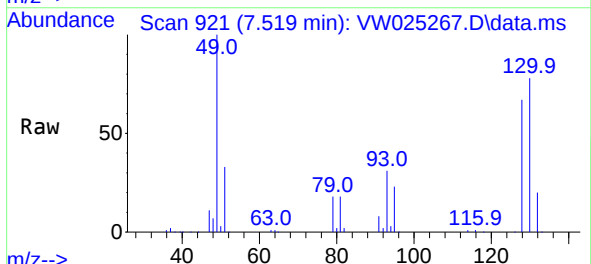
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

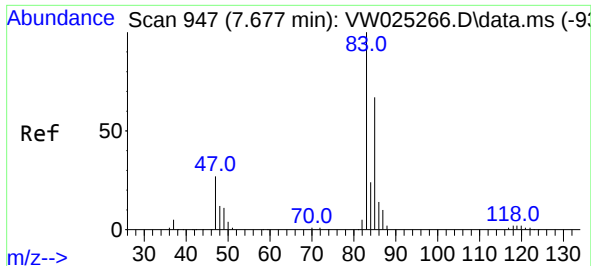
Tgt Ion: 43 Resp: 138085
Ion Ratio Lower Upper
43 100
72 30.3 15.2 45.6



#23
Bromochloromethane
Concen: 50.740 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion: 128 Resp: 126789
Ion Ratio Lower Upper
128 100
49 149.0 109.0 202.4
130 116.0 93.3 173.3
51 49.8 39.0 58.4

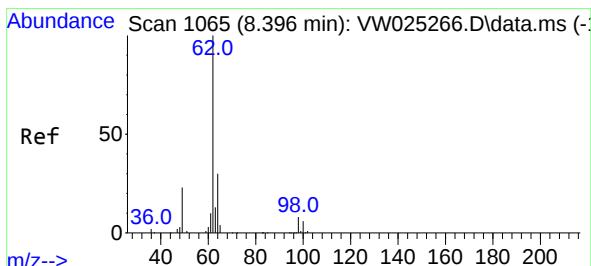
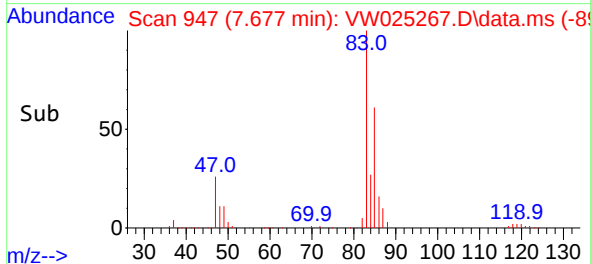
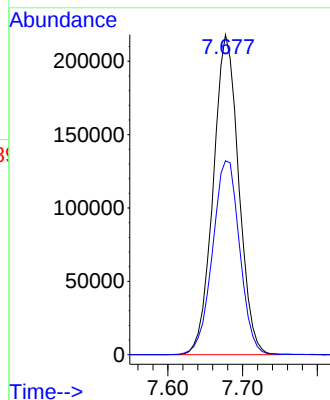
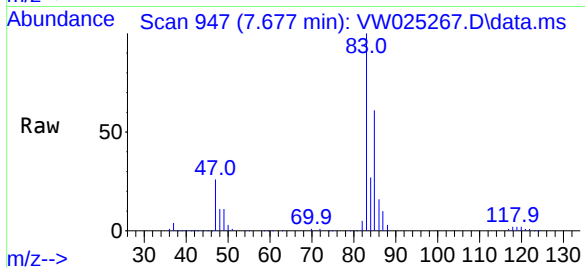




#25
Chloroform
Concen: 48.813 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

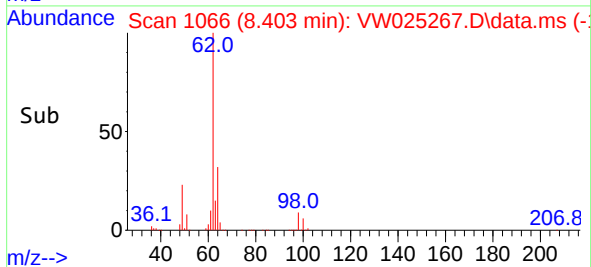
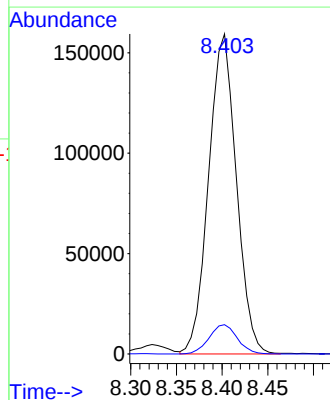
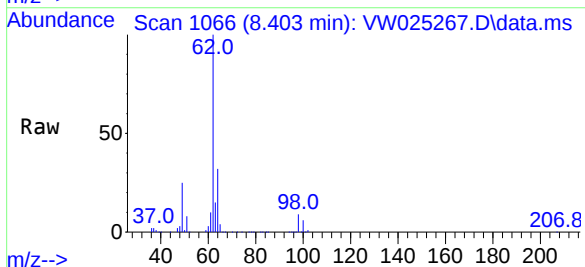
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

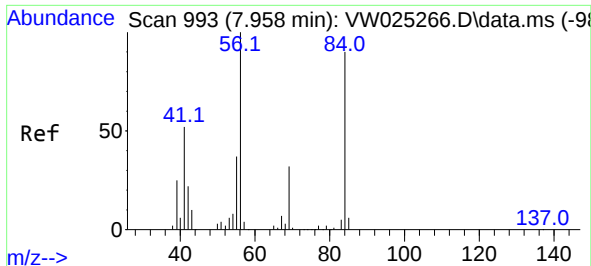
Tgt Ion: 83 Resp: 516553
Ion Ratio Lower Upper
83 100
85 60.6 45.8 85.0



#27
1,2-Dichloroethane
Concen: 52.257 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion: 62 Resp: 336807
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 48.607 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD050422

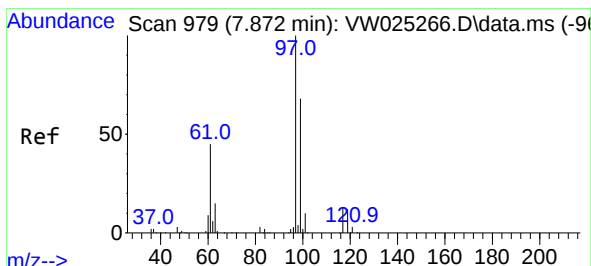
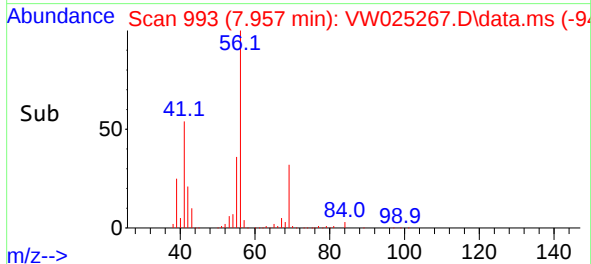
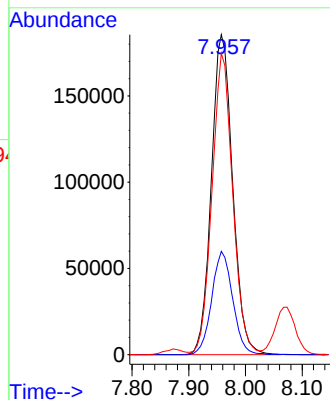
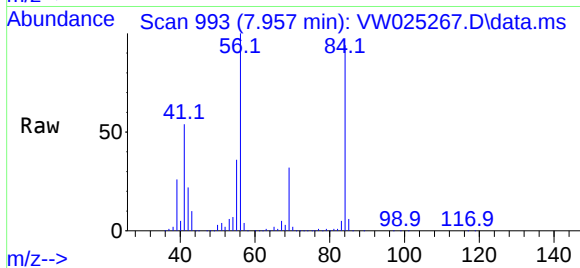
Tgt Ion: 56 Resp: 483221

Ion Ratio Lower Upper

56 100

69 31.7 25.1 37.7

84 91.6 73.2 109.8



#30

1,1,1-Trichloroethane

Concen: 47.293 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

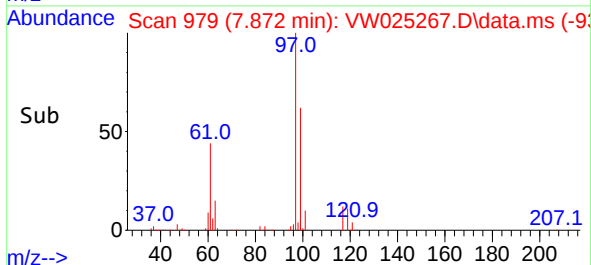
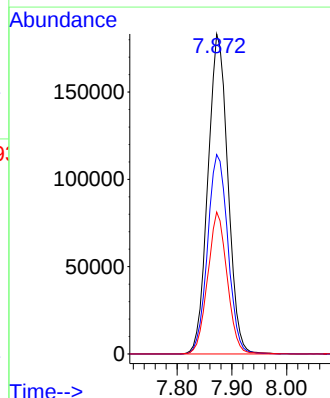
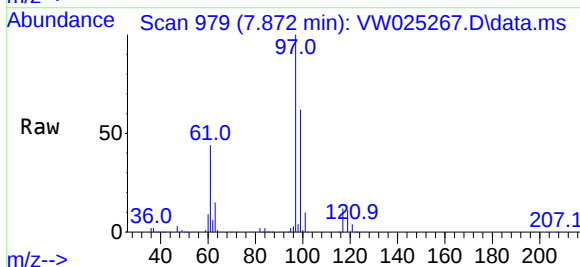
Tgt Ion: 97 Resp: 463084

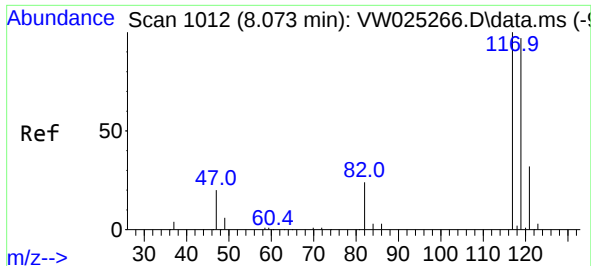
Ion Ratio Lower Upper

97 100

99 63.6 51.2 76.8

61 43.1 35.0 52.6

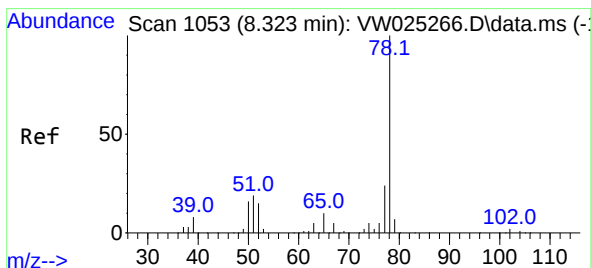
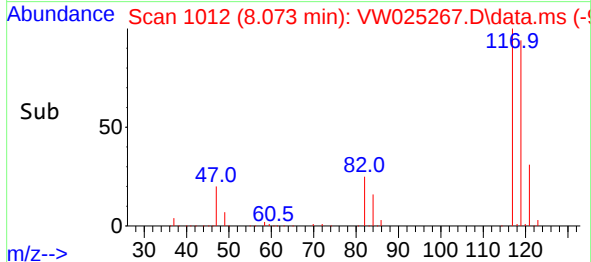
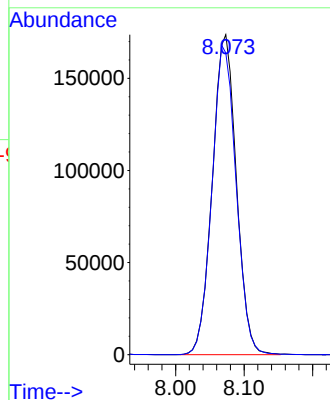
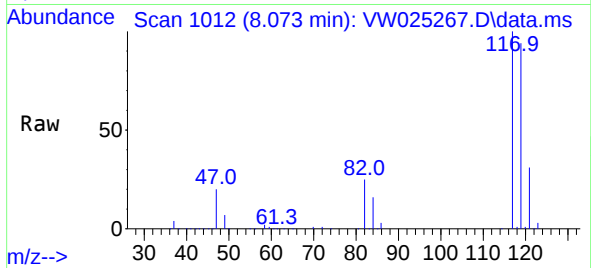




#31
Carbon tetrachloride
Concen: 46.620 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

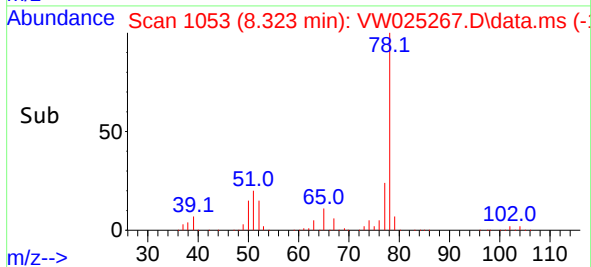
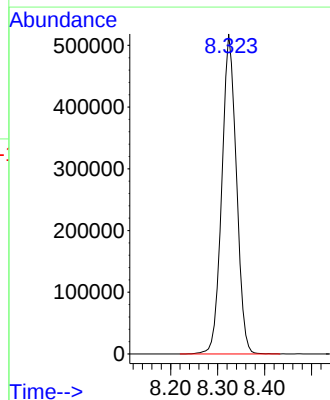
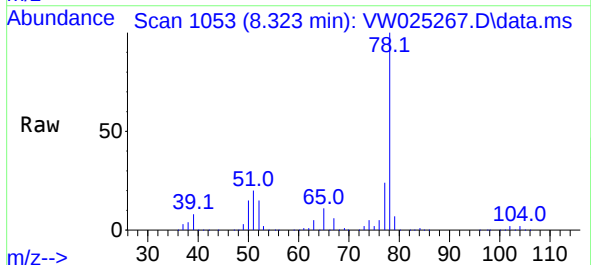
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

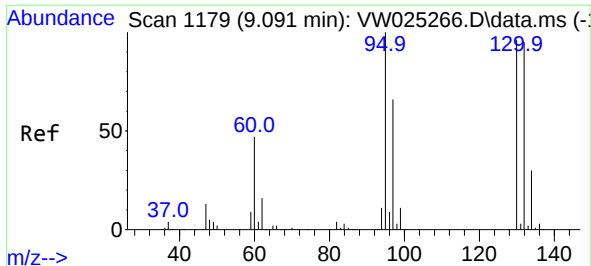
Tgt Ion:117 Resp: 422288
Ion Ratio Lower Upper
117 100
119 97.2 77.6 116.4



#33
Benzene
Concen: 47.012 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion: 78 Resp: 1123088

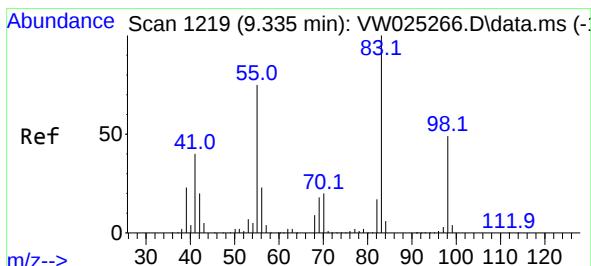
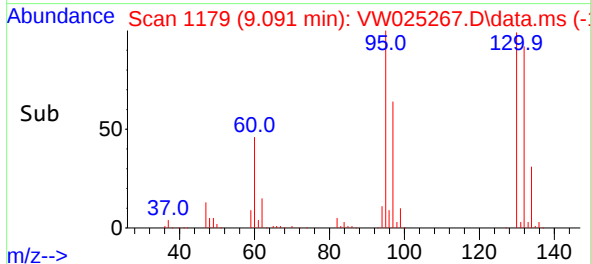
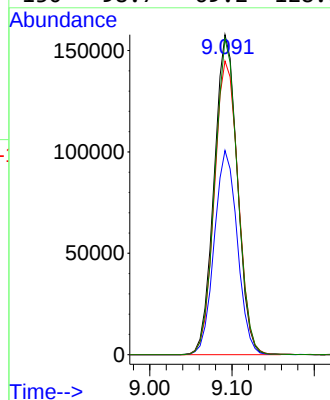
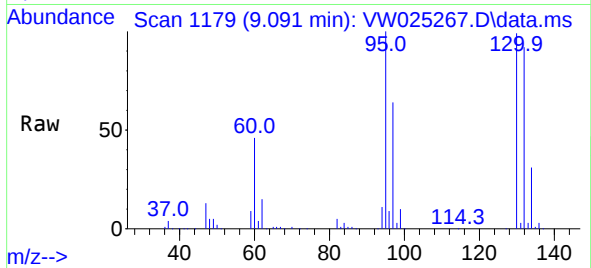




#34
Trichloroethene
Concen: 46.101 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

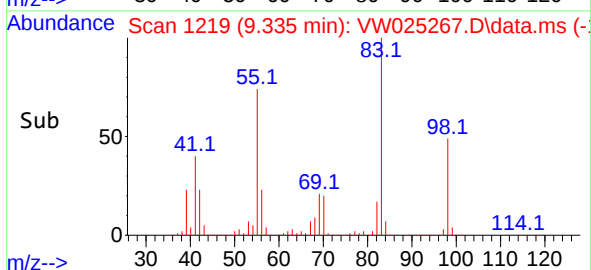
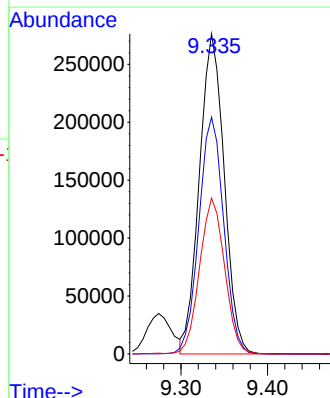
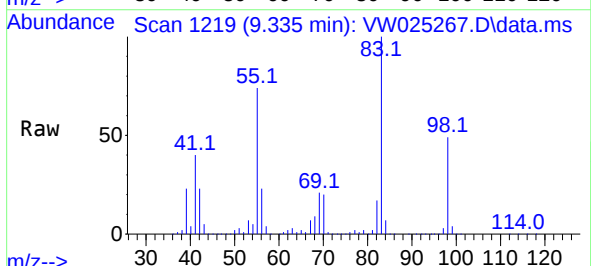
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

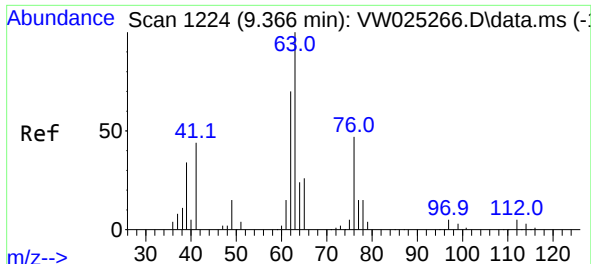
Tgt Ion: 95 Resp: 308480
Ion Ratio Lower Upper
95 100
97 63.8 45.4 84.2
132 91.7 67.1 124.5
130 98.7 69.2 128.6



#35
Methylcyclohexane
Concen: 46.091 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion: 83 Resp: 550516
Ion Ratio Lower Upper
83 100
55 74.2 58.8 88.2
98 49.0 39.5 59.3





#37

1,2-Dichloropropane

Concen: 46.480 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

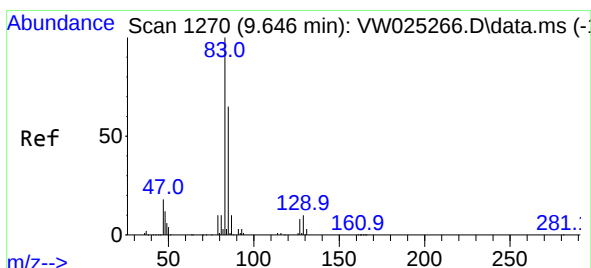
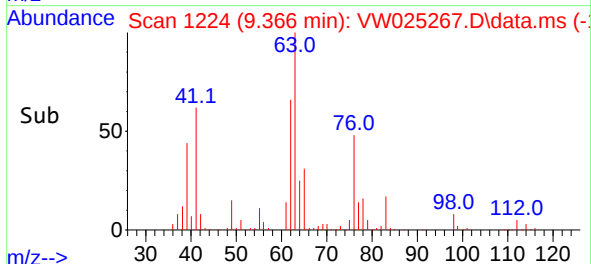
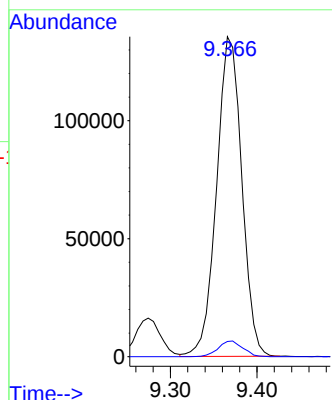
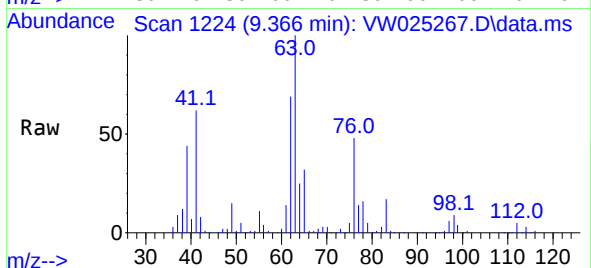
VSTD050422

Tgt Ion: 63 Resp: 273852

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 47.507 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

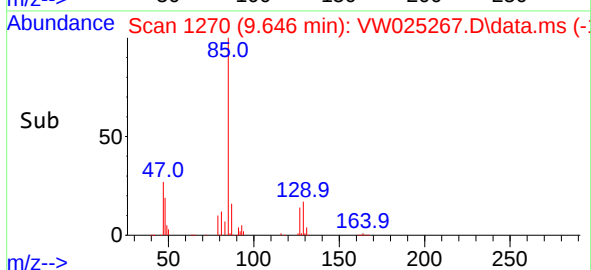
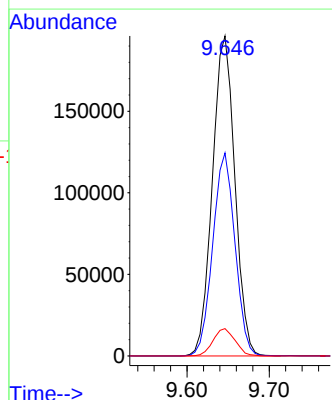
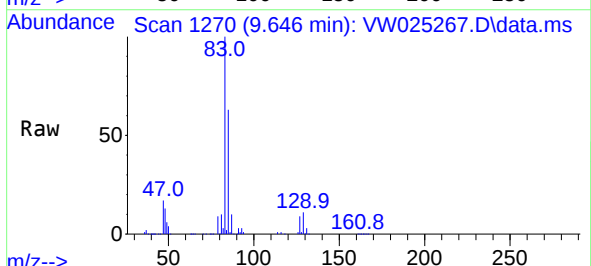
Tgt Ion: 83 Resp: 372189

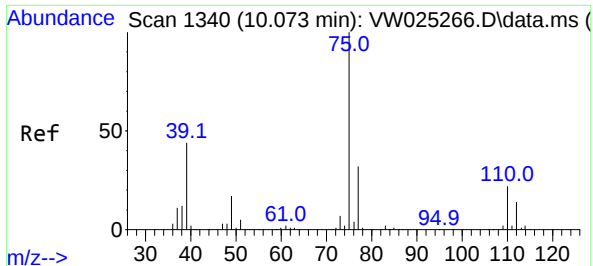
Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4

127 8.6 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 49.104 ug/L

RT: 10.073 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

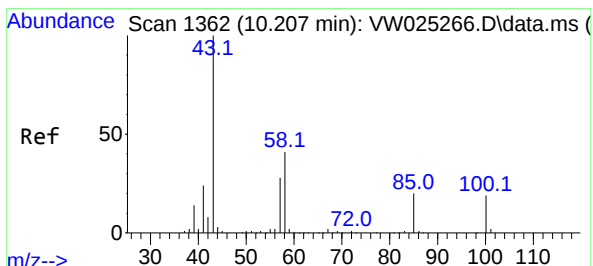
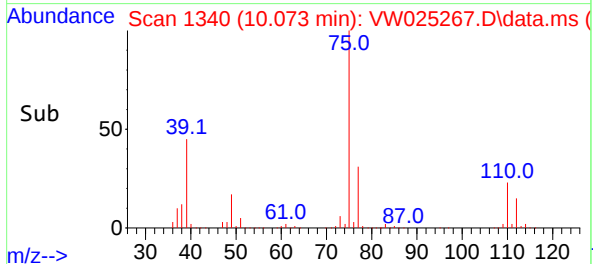
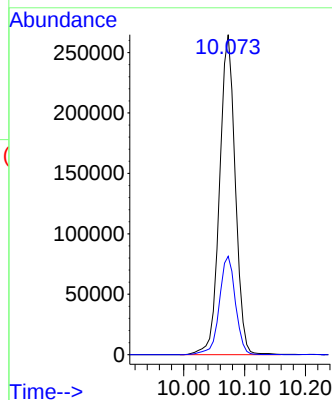
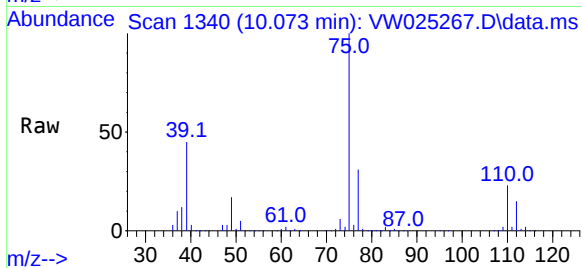
VSTD050422

Tgt Ion: 75 Resp: 473714

Ion Ratio Lower Upper

75 100

77 30.7 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 105.221 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

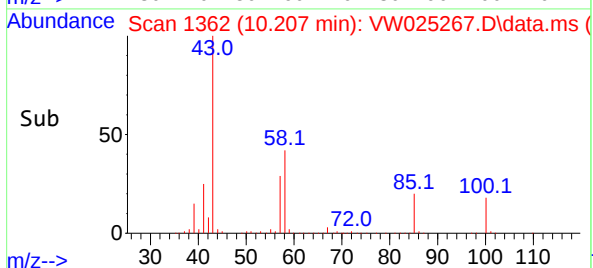
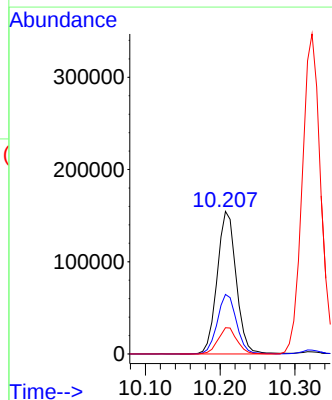
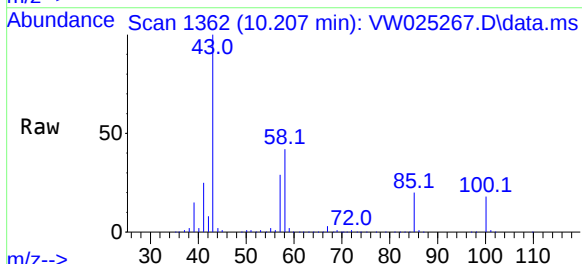
Tgt Ion: 43 Resp: 273730

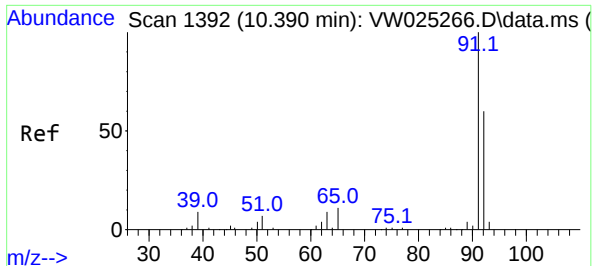
Ion Ratio Lower Upper

43 100

58 42.2 34.1 51.1

100 18.4 14.5 21.7

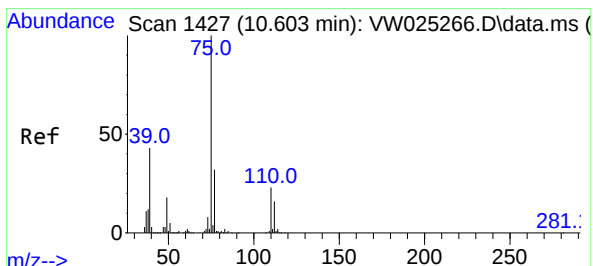
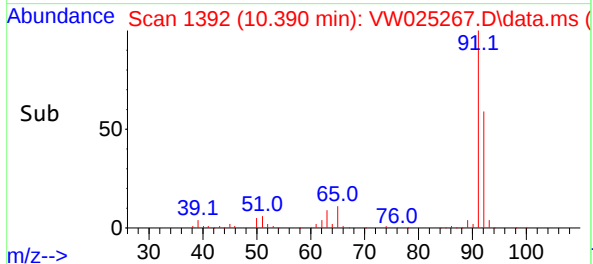
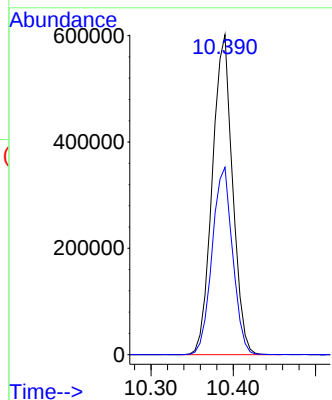
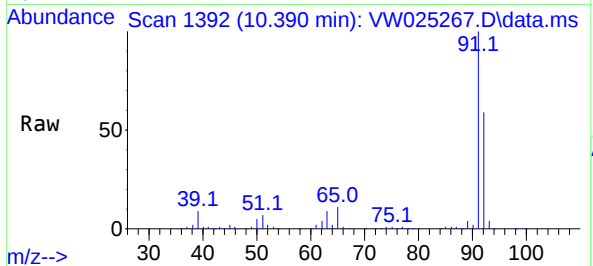




#42
Toluene
Concen: 43.336 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

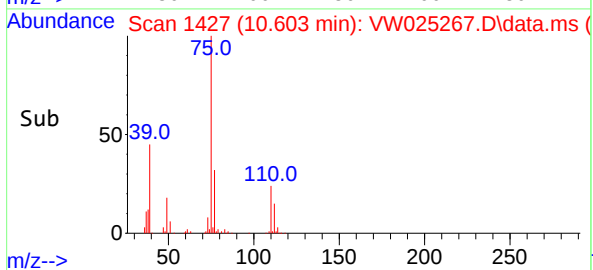
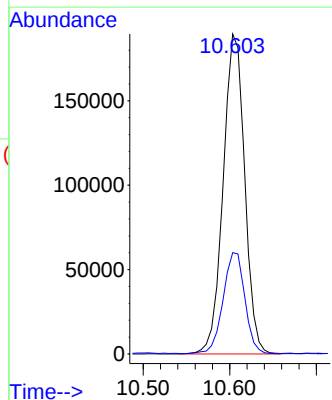
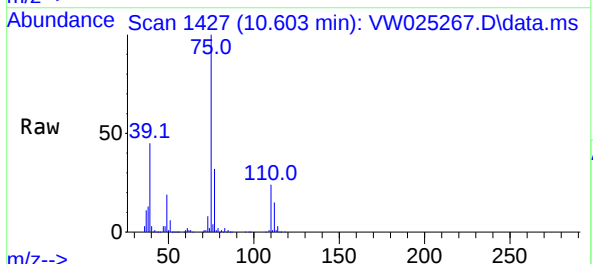
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

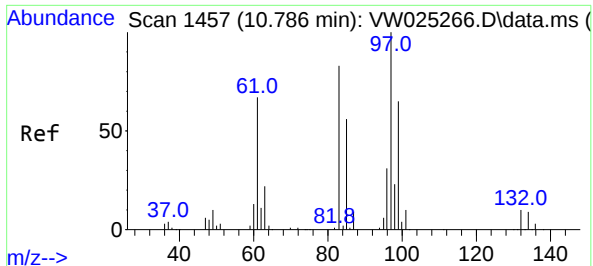
Tgt Ion: 91 Resp: 1029495
Ion Ratio Lower Upper
91 100
92 58.6 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 47.642 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion: 75 Resp: 327613
Ion Ratio Lower Upper
75 100
77 31.6 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 46.118 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD050422

Tgt Ion: 97 Resp: 171249

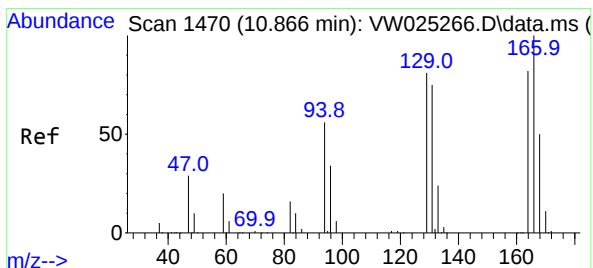
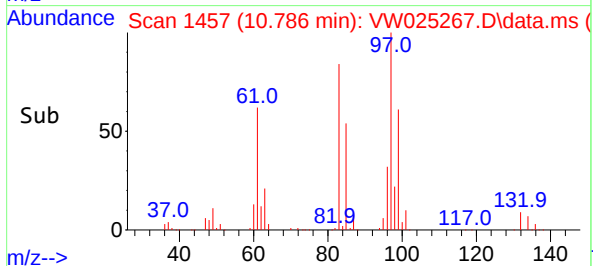
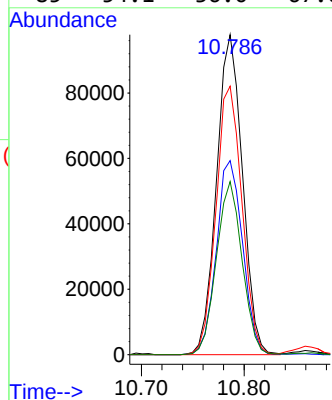
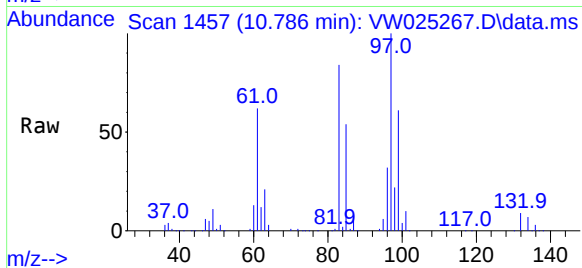
Ion Ratio Lower Upper

97 100

99 60.7 41.4 76.8

83 83.9 54.0 100.4

85 54.1 36.0 67.0



#46

Tetrachloroethene

Concen: 44.203 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

Tgt Ion:164 Resp: 189028

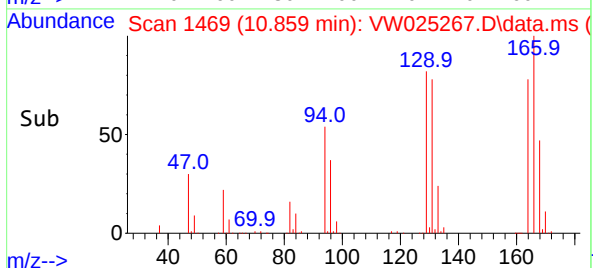
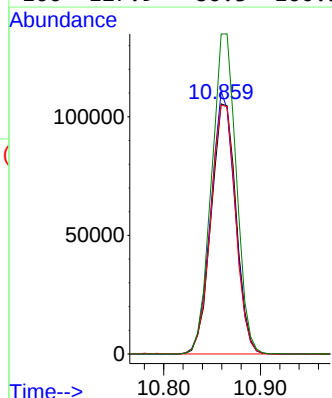
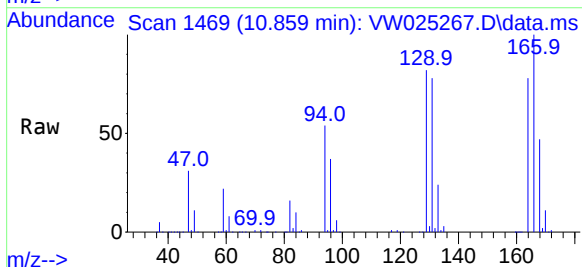
Ion Ratio Lower Upper

164 100

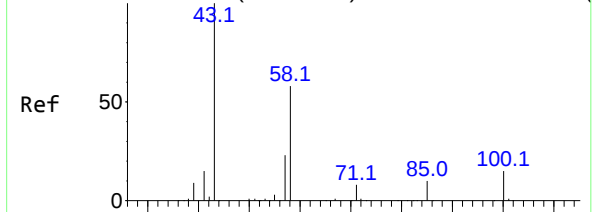
129 104.9 74.1 137.5

131 99.5 72.3 134.3

166 127.9 86.3 160.3



Abundance Scan 1487 (10.969 min): VW025266.D\data.ms (

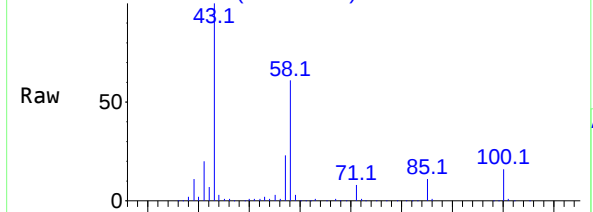


#48
2-Hexanone
Concen: 99.740 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

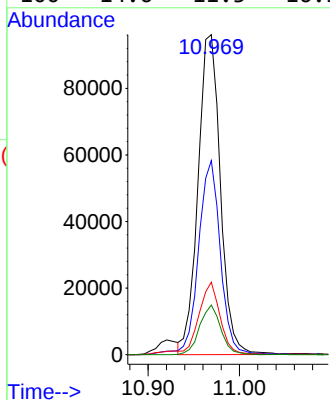
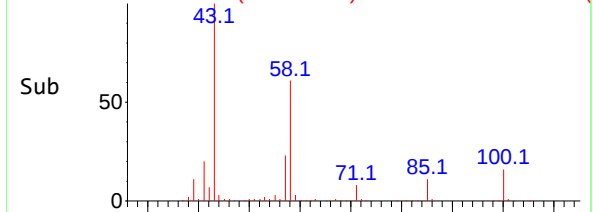
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

Tgt Ion:	43	Resp:	163775
Ion	Ratio	Lower	Upper
43	100		
58	58.2	46.3	69.5
57	21.5	16.5	24.7
100	14.6	11.3	16.9

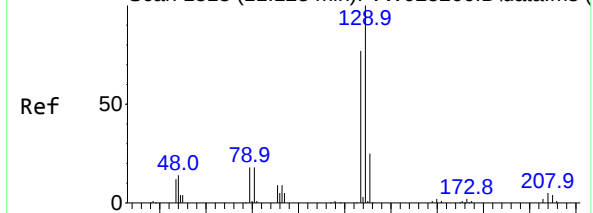
Abundance Scan 1487 (10.969 min): VW025267.D\data.ms



Abundance Scan 1487 (10.969 min): VW025267.D\data.ms (



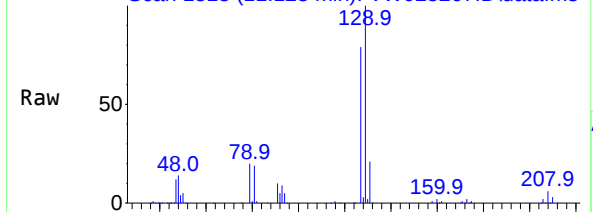
Abundance Scan 1513 (11.128 min): VW025266.D\data.ms (



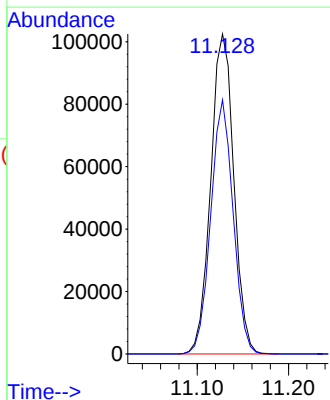
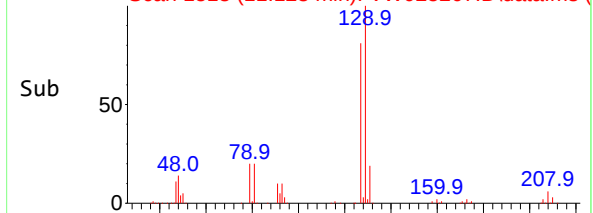
#49
Dibromochloromethane
Concen: 42.854 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

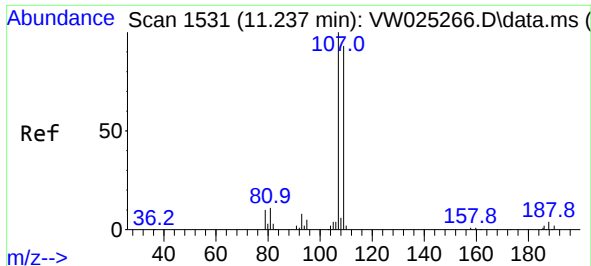
Tgt Ion:	129	Resp:	179732
Ion	Ratio	Lower	Upper
129	100		
127	79.4	54.8	101.8

Abundance Scan 1513 (11.128 min): VW025267.D\data.ms



Abundance Scan 1513 (11.128 min): VW025267.D\data.ms (





#50

1,2-Dibromoethane

Concen: 41.348 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD050422

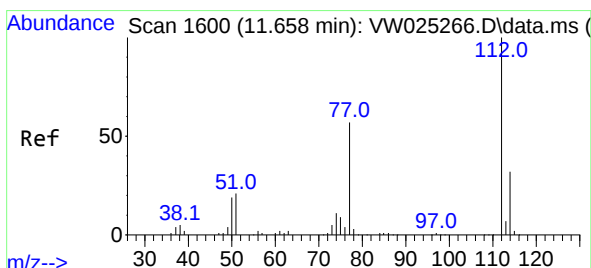
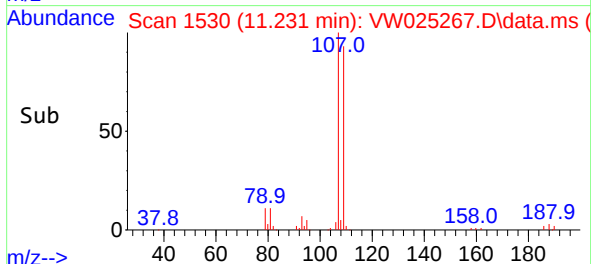
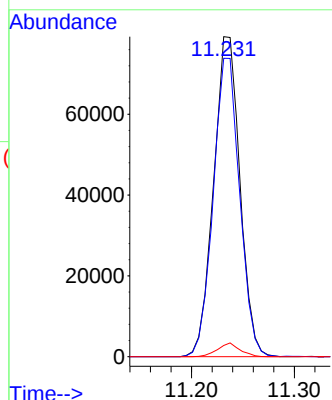
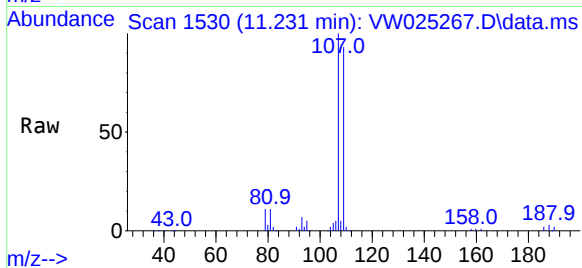
Tgt Ion:107 Resp: 140649

Ion Ratio Lower Upper

107 100

109 93.3 65.0 120.6

188 3.5 2.3 3.5#



#51

Chlorobenzene

Concen: 49.611 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

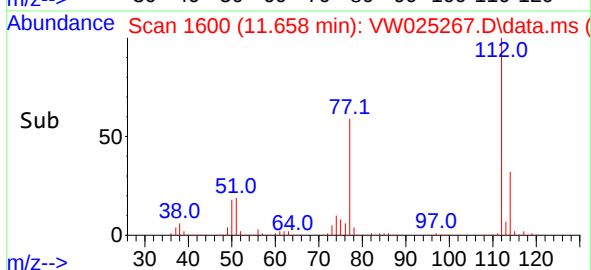
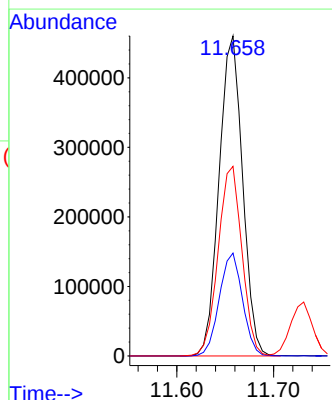
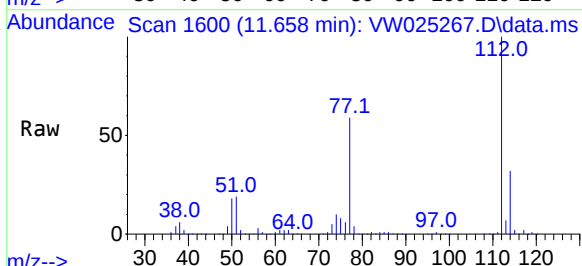
Tgt Ion:112 Resp: 775616

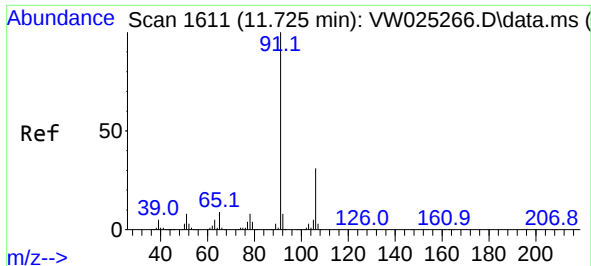
Ion Ratio Lower Upper

112 100

114 32.2 21.7 40.3

77 59.3 46.2 69.4





#52

Ethylbenzene

Concen: 49.625 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025267.D

Acq: 03 Feb 2023 09:30

Instrument :

MSVOA_W

ClientSampleId :

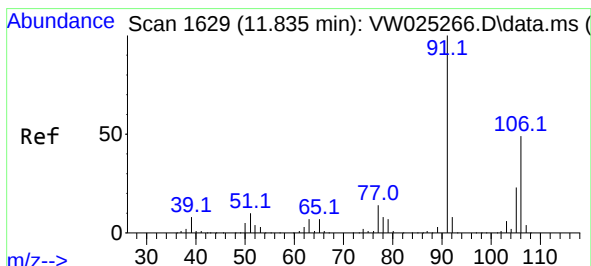
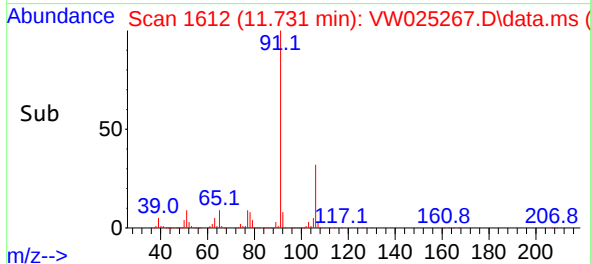
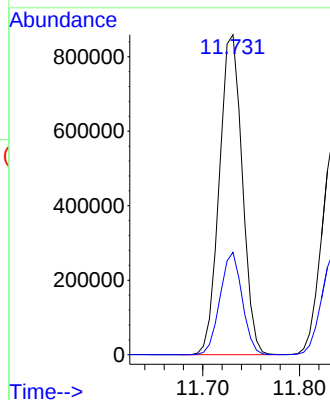
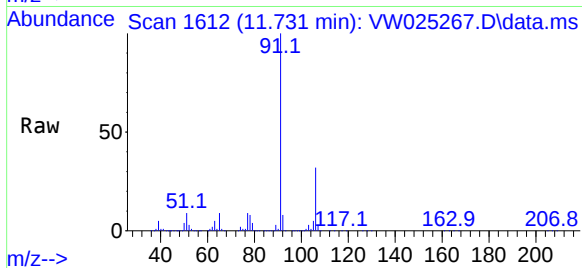
VSTD050422

Tgt Ion: 91 Resp: 1412505

Ion Ratio Lower Upper

91 100

106 32.0 21.1 39.1



#53

m,p-Xylene

Concen: 49.876 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW025267.D

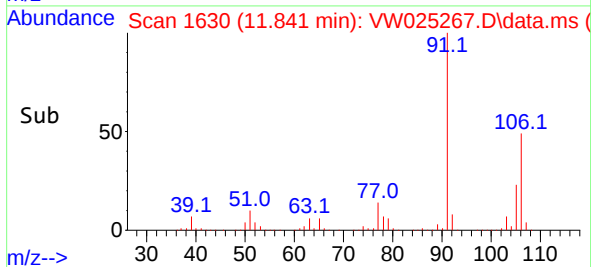
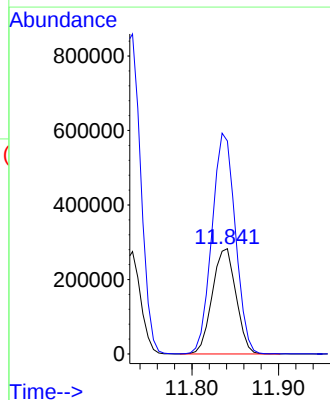
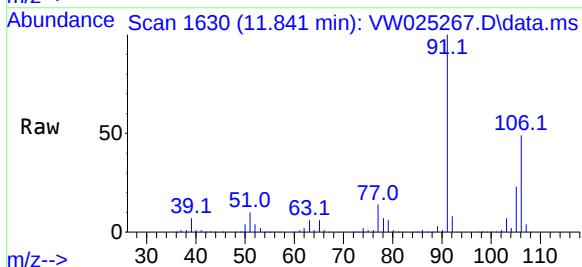
Acq: 03 Feb 2023 09:30

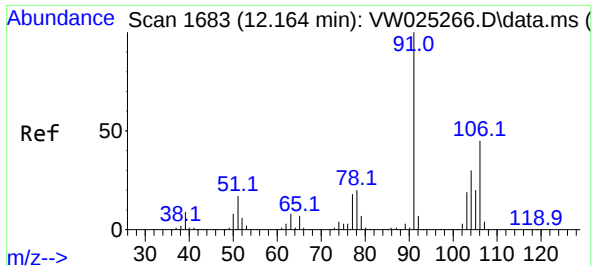
Tgt Ion:106 Resp: 538031

Ion Ratio Lower Upper

106 100

91 202.2 143.4 266.4

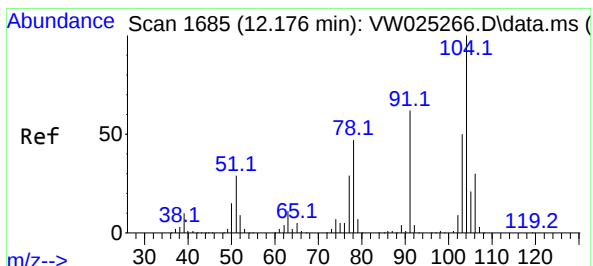
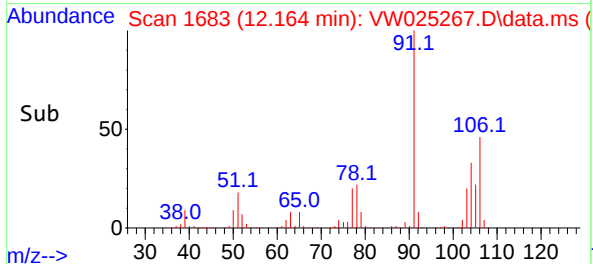
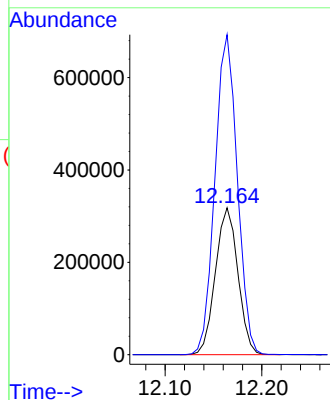
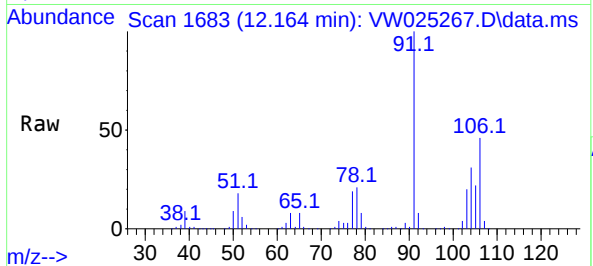




#54
o-Xylene
Concen: 47.264 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

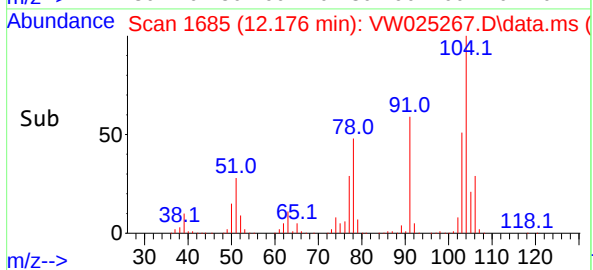
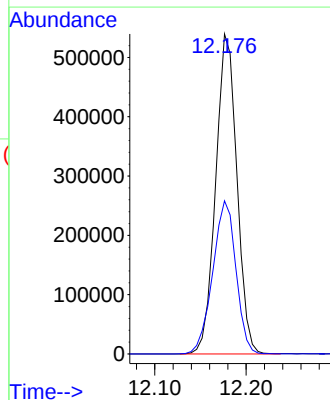
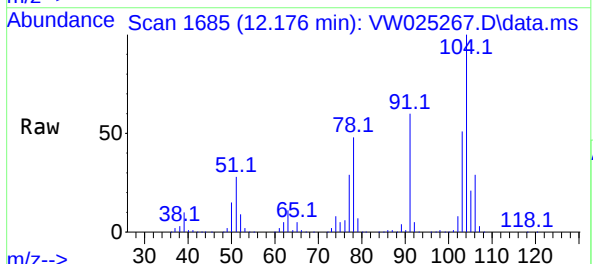
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

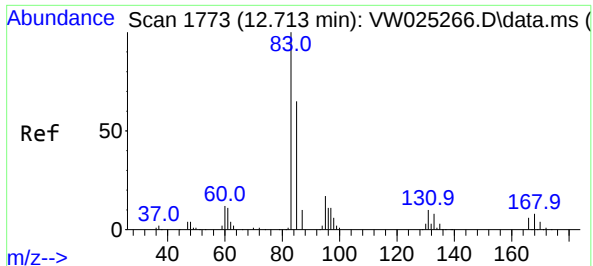
Tgt Ion:106 Resp: 513257
Ion Ratio Lower Upper
106 100
91 217.9 157.6 292.8



#55
Styrene
Concen: 47.302 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion:104 Resp: 869731
Ion Ratio Lower Upper
104 100
78 47.9 32.8 60.8



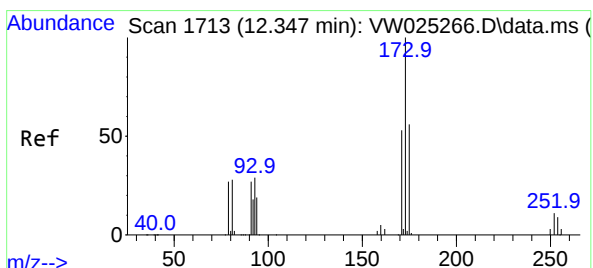
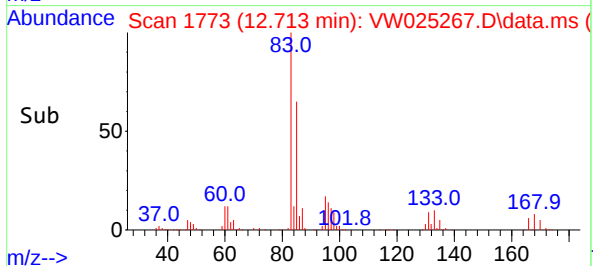
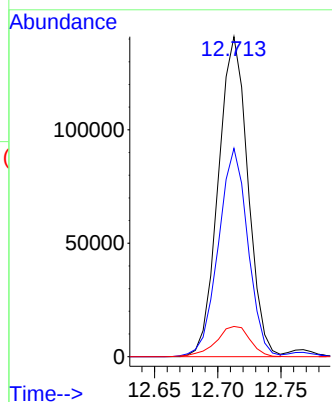
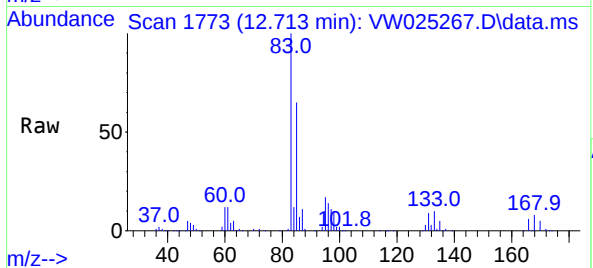


#57
1,1,2,2-Tetrachloroethane
Concen: 51.763 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

Tgt Ion: 83 Resp: 229021

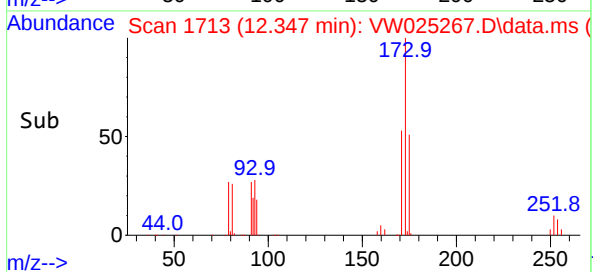
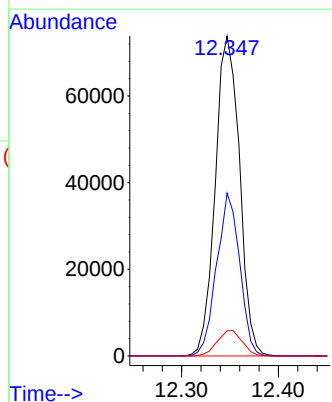
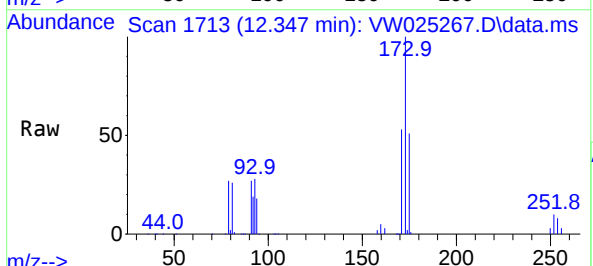
Ion	Ratio	Lower	Upper
83	100		
85	65.1	44.7	83.1
131	9.4	7.8	11.6

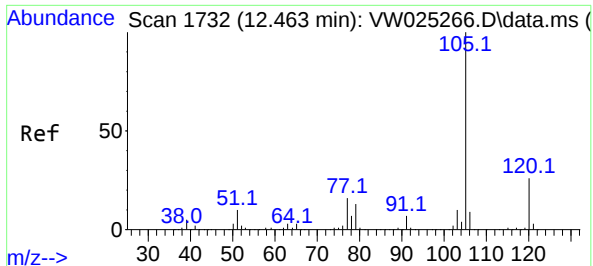


#59
Bromoform
Concen: 52.913 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion: 173 Resp: 128710

Ion	Ratio	Lower	Upper
173	100		
175	48.3	38.6	58.0
254	8.2	7.0	10.4

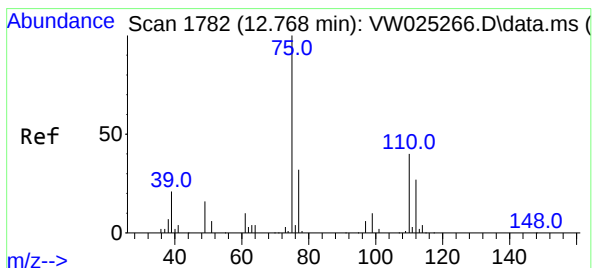
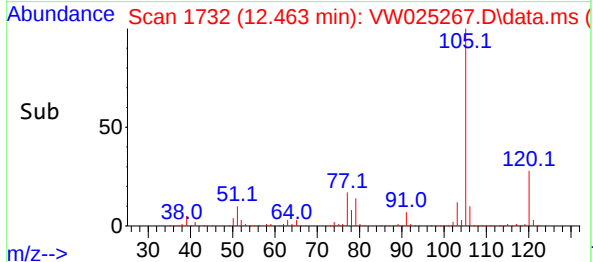
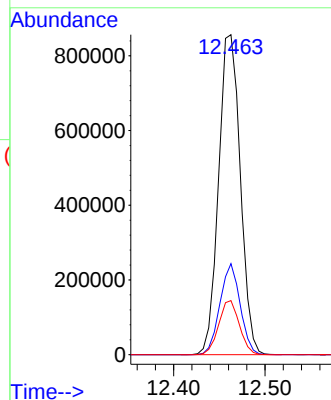
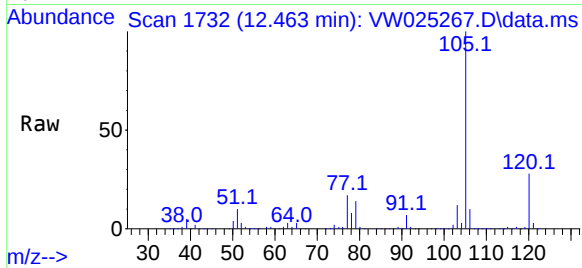




#60
Isopropylbenzene
Concen: 48.772 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

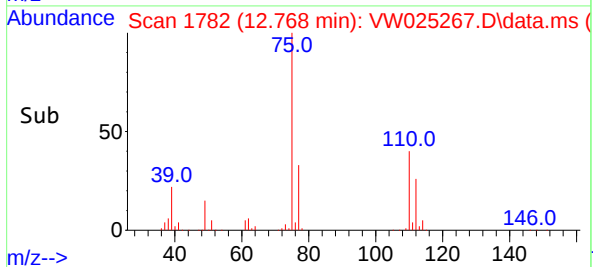
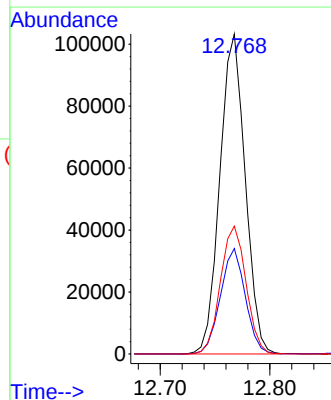
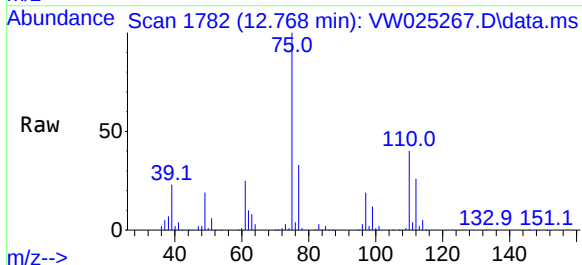
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

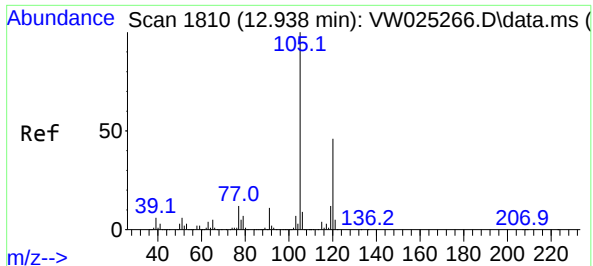
Tgt Ion:105 Resp: 1416146
Ion Ratio Lower Upper
105 100
120 26.5 20.6 30.8
77 16.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 54.394 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion: 75 Resp: 165814
Ion Ratio Lower Upper
75 100
77 32.5 26.7 40.1
110 40.3 33.2 49.8

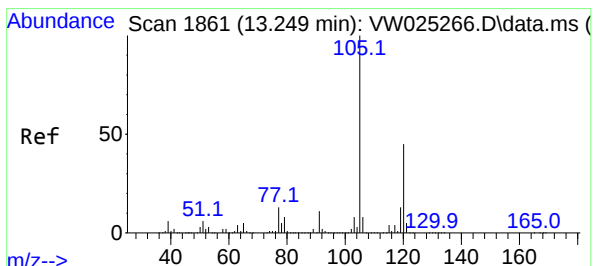
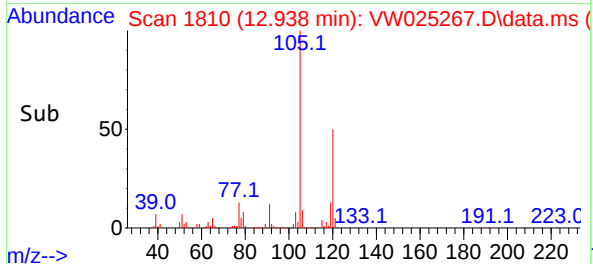
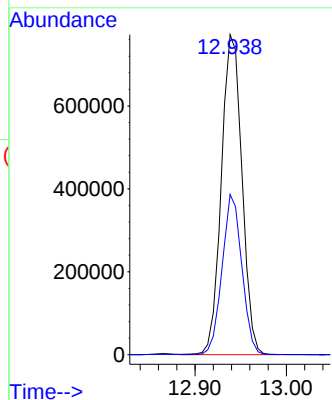
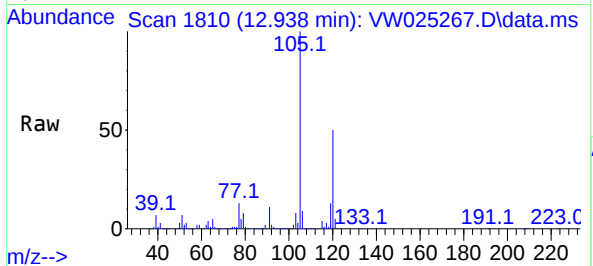




#62
1,3,5-Trimethylbenzene
Concen: 51.726 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

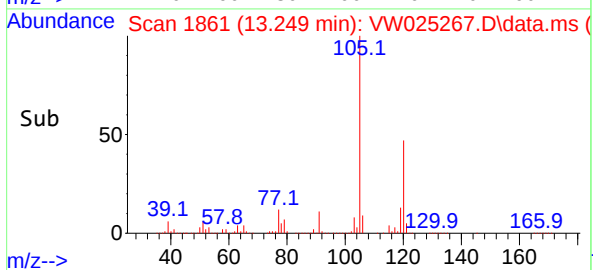
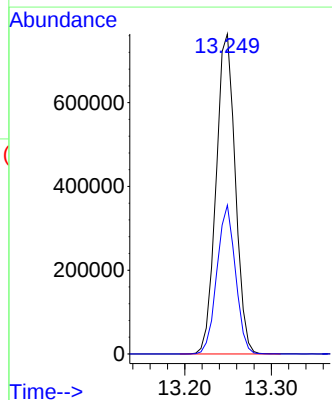
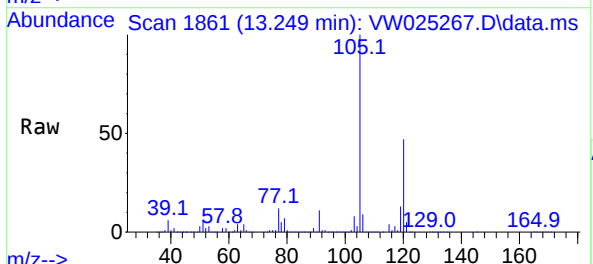
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

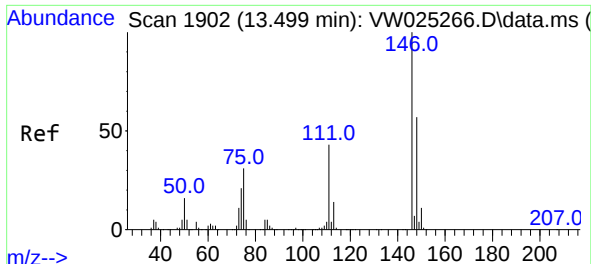
Tgt Ion:105 Resp: 1210803
Ion Ratio Lower Upper
105 100
120 47.8 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 50.075 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion:105 Resp: 1174498
Ion Ratio Lower Upper
105 100
120 44.9 35.0 52.4

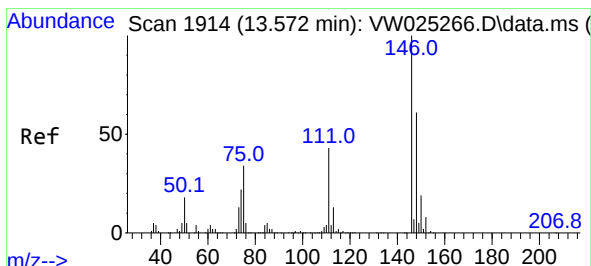
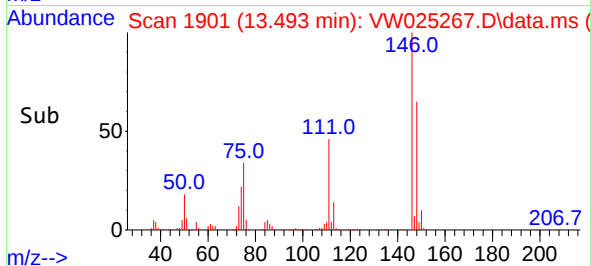
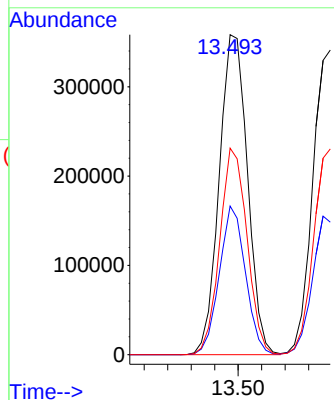
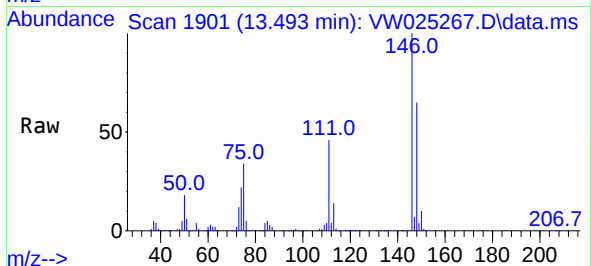




#64
1,3-Dichlorobenzene
Concen: 49.819 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

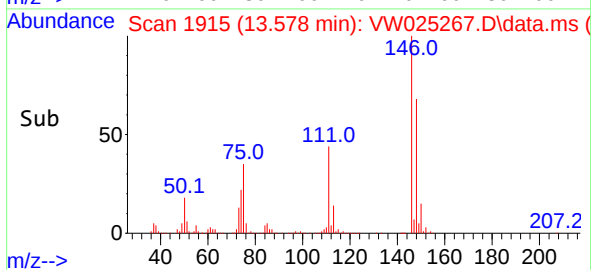
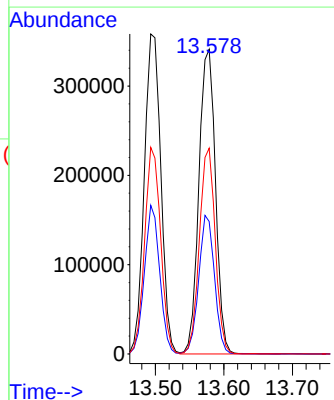
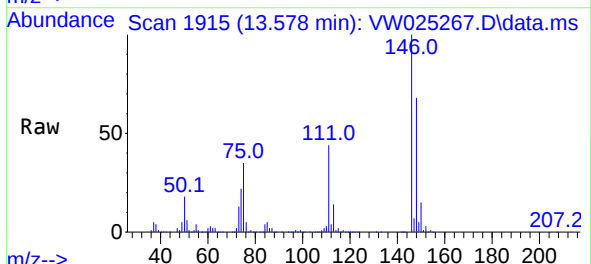
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

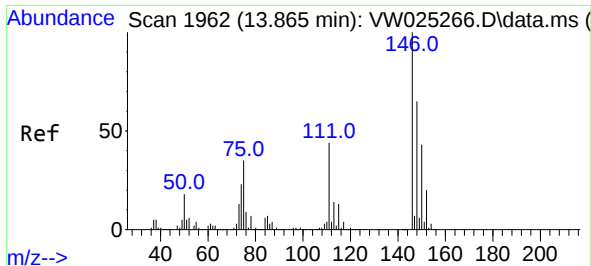
Tgt Ion:146 Resp: 599309
Ion Ratio Lower Upper
146 100
111 46.4 29.0 53.8
148 64.6 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 48.466 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion:146 Resp: 575338
Ion Ratio Lower Upper
146 100
111 43.5 29.3 54.3
148 67.5 43.8 81.4

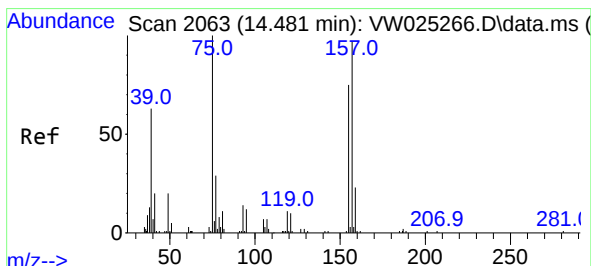
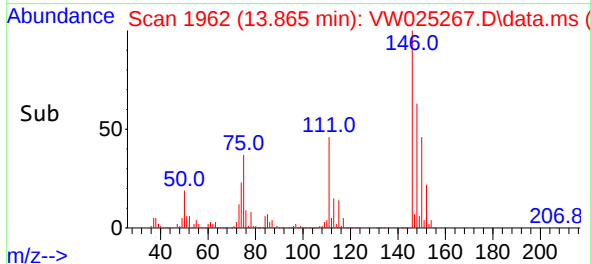
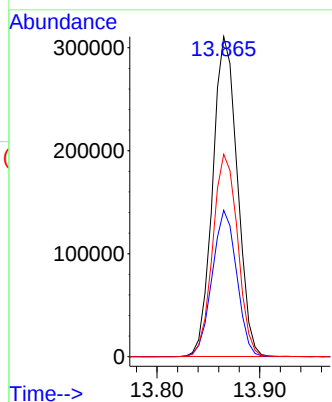
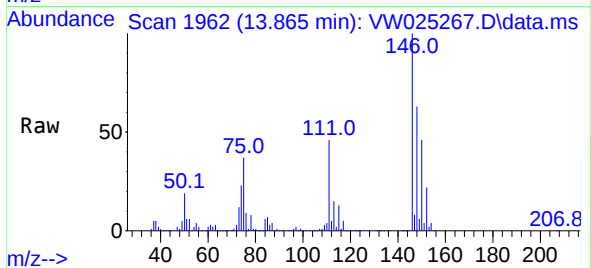




#67
1,2-Dichlorobenzene
Concen: 49.832 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

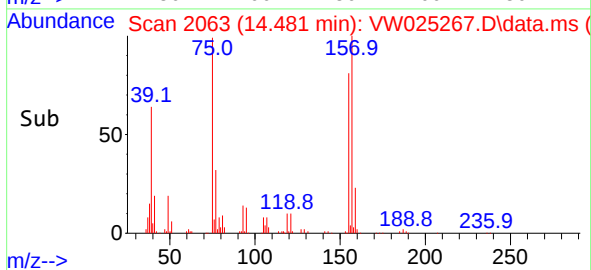
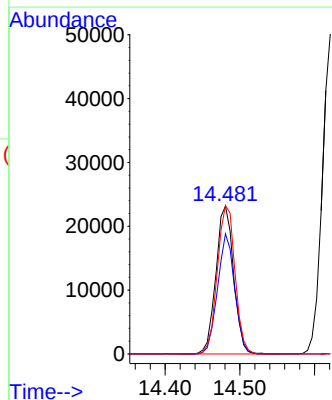
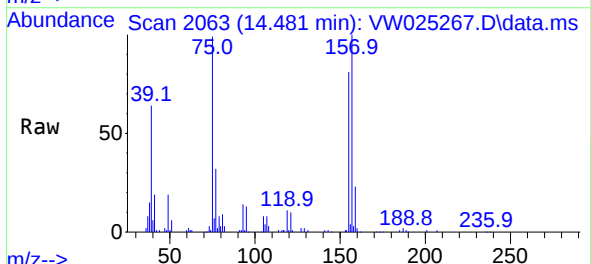
Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

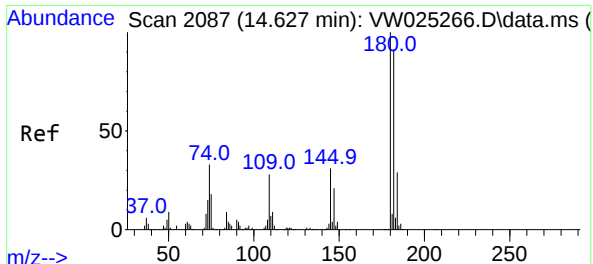
Tgt Ion:146 Resp: 516599
Ion Ratio Lower Upper
146 100
111 45.8 36.2 54.2
148 63.3 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 53.391 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion: 75 Resp: 38013
Ion Ratio Lower Upper
75 100
155 81.3 63.4 95.2
157 100.5 82.5 123.7



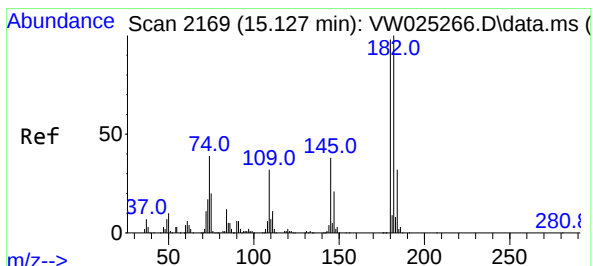
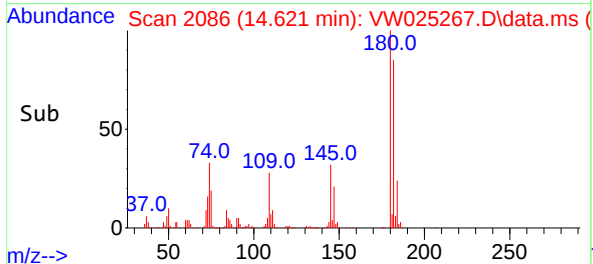
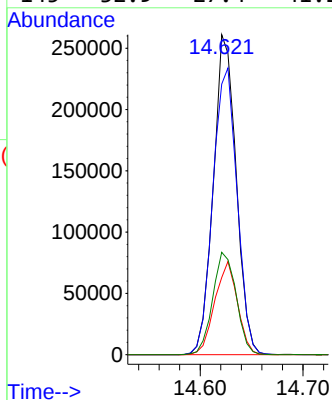
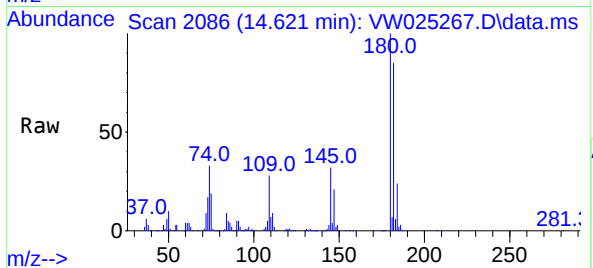


#69
1,3,5-Trichlorobenzene
Concen: 51.466 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

Tgt Ion:180 Resp: 402627

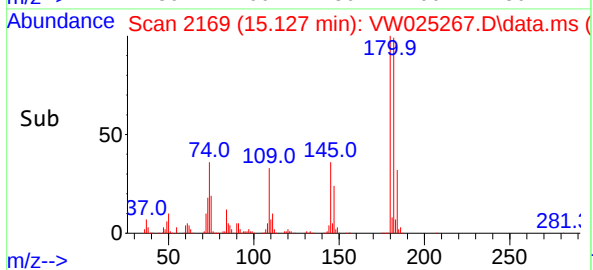
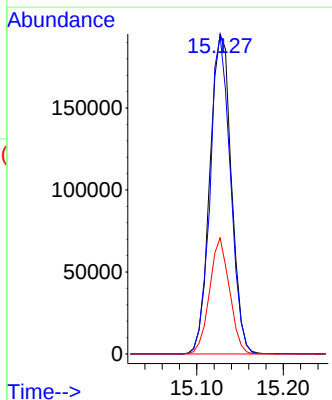
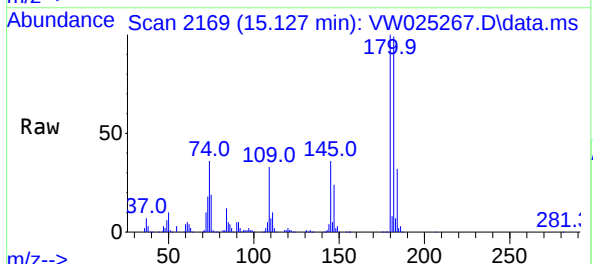
Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.7	116.5
184	29.0	24.4	36.6
145	32.9	27.4	41.2

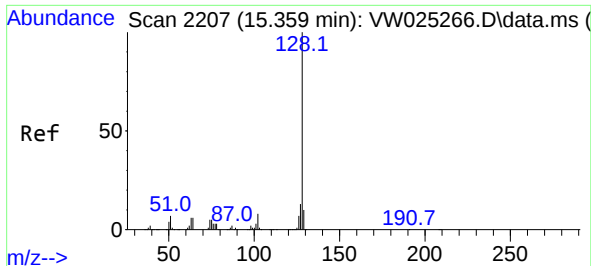


#70
1,2,4-trichlorobenzene
Concen: 52.720 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion:180 Resp: 335828

Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.4	114.6
145	33.6	27.4	41.2

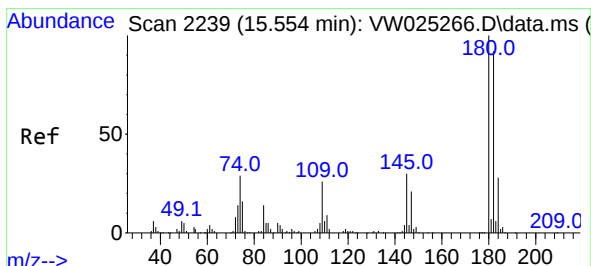
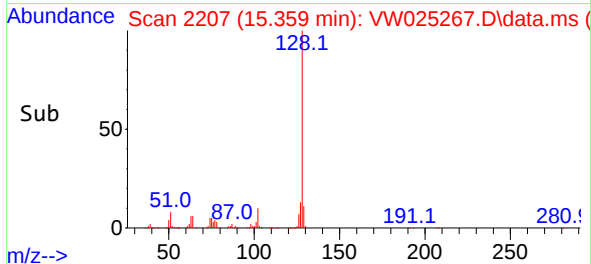
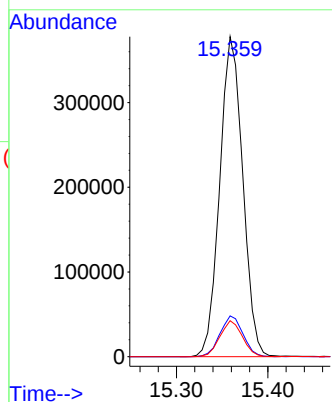
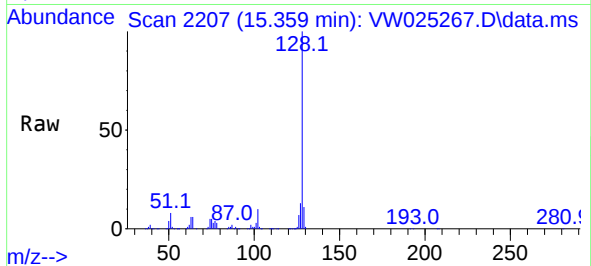




#71
Naphthalene
Concen: 56.821 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD050422

Tgt Ion:128 Resp: 661669
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.045 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW025267.D
Acq: 03 Feb 2023 09:30

Tgt Ion:180 Resp: 284659
Ion Ratio Lower Upper
180 100
182 91.7 75.1 112.7
145 35.3 28.8 43.2

