

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026695.D
 Acq On : 10 Aug 2023 22:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025574

Quant Time: Aug 11 02:06:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:00:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	484393	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	465363	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	245608	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	196254	24.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.600%
7) Chloroethane-d5	2.899	69	144446	24.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.560%
11) 1,1-Dichloroethene-d2	4.027	65	94655	24.169	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.680%
21) 2-Butanone-d5	7.075	46	134952	58.965	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.920%
24) Chloroform-d	7.648	84	397910	24.475	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.920%
26) 1,2-Dichloroethane-d4	8.307	65	222179	24.764	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.040%
32) Benzene-d6	8.270	84	802372	25.017	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.080%
36) 1,2-Dichloropropane-d6	9.270	67	252102	25.235	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.920%
41) Toluene-d8	10.325	98	724584	26.319	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.280%
43) trans-1,3-Dichloroprop...	10.581	79	103542	25.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.400%
47) 2-Hexanone-d5	10.922	63	68205	64.973	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	224404	28.443	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	219043	24.917	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	147900	22.457	ug/L	# 88
3) Chloromethane	2.223	50	209600	23.275	ug/L	99
5) Vinyl chloride	2.375	62	206721	24.012	ug/L	100
6) Bromomethane	2.783	94	109496	21.830	ug/L	95
8) Chloroethane	2.936	64	114459	22.189	ug/L	99
9) Trichlorofluoromethane	3.265	101	157775	22.331	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	183145	23.998	ug/L	97
12) 1,1-Dichloroethene	4.052	96	164967	23.041	ug/L	91
13) Acetone	4.119	43	109511	48.123	ug/L	98
14) Carbon disulfide	4.393	76	578667	22.466	ug/L	99
15) Methyl Acetate	4.667	43	123750	27.148	ug/L	99
16) Methylene chloride	4.917	84	175521	18.732	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	179532	22.471	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	282664	23.382	ug/L	99
19) 1,1-Dichloroethane	6.216	63	368960	22.438	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	189567	22.075	ug/L	99
22) 2-Butanone	7.167	43	170800	50.930	ug/L	99
23) Bromochloromethane	7.514	128	83623	22.542	ug/L	98
25) Chloroform	7.679	83	343420	21.618	ug/L	96

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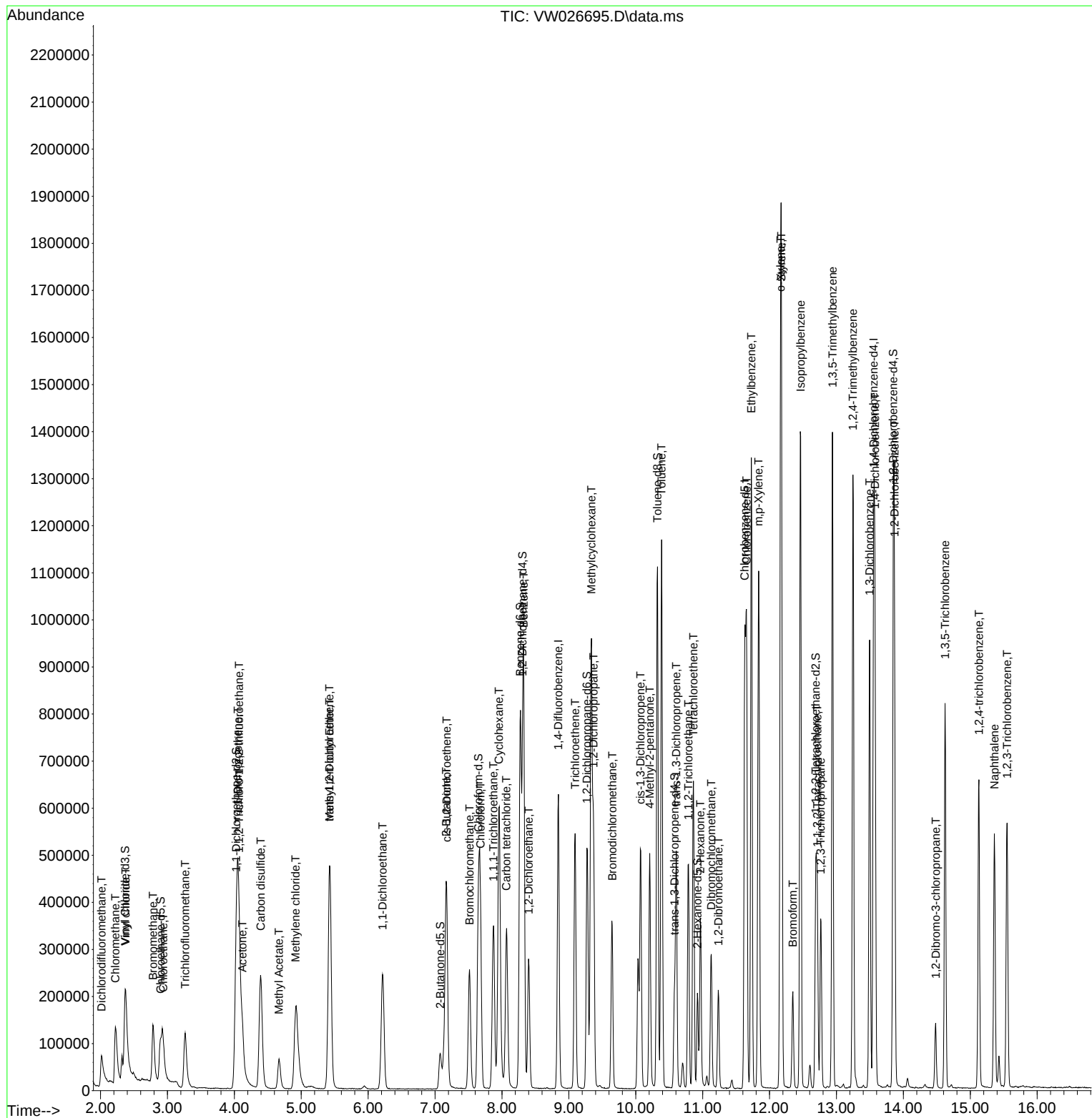
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	248919	22.461	ug/L	99
29) Cyclohexane	7.953	56	358806	24.932	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	283359	23.331	ug/L	99
31) Carbon tetrachloride	8.063	117	258232	23.254	ug/L	94
33) Benzene	8.325	78	782439	23.088	ug/L	100
34) Trichloroethene	9.093	95	198999	23.056	ug/L	95
35) Methylcyclohexane	9.337	83	372544	25.231	ug/L	99
37) 1,2-Dichloropropane	9.368	63	209072	22.523	ug/L	99
38) Bromodichloromethane	9.648	83	240462	22.082	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	301558	22.582	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	339147	56.169	ug/L	100
42) Toluene	10.386	91	811650	23.676	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	262525	22.840	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	148968	23.465	ug/L	99
46) Tetrachloroethene	10.861	164	145744	23.243	ug/L	97
48) 2-Hexanone	10.965	43	237553	57.820	ug/L	98
49) Dibromochloromethane	11.130	129	149283	22.483	ug/L	95
50) 1,2-Dibromoethane	11.233	107	140188	23.535	ug/L	94
51) Chlorobenzene	11.654	112	481187	22.221	ug/L	99
52) Ethylbenzene	11.727	91	908185	23.624	ug/L	98
53) m,p-Xylene	11.837	106	336679	23.640	ug/L	99
54) o-Xylene	12.166	106	312449	23.506	ug/L	97
55) Styrene	12.178	104	543063	23.498	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	198109	24.641	ug/L	96
59) Bromoform	12.349	173	89551	23.275	ug/L	97
60) Isopropylbenzene	12.465	105	888423	24.330	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	154418	25.919	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	714942	24.771	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	684740	24.210	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	351264	22.119	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	371164	22.395	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	323609	22.409	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	36405	25.347	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	231156	21.545	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	198904	21.866	ug/L	99
71) Naphthalene	15.360	128	437453	25.210	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	185162	22.567	ug/L	98

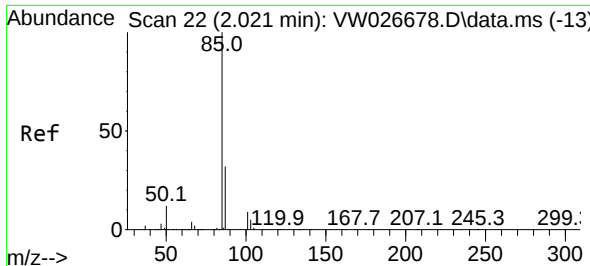
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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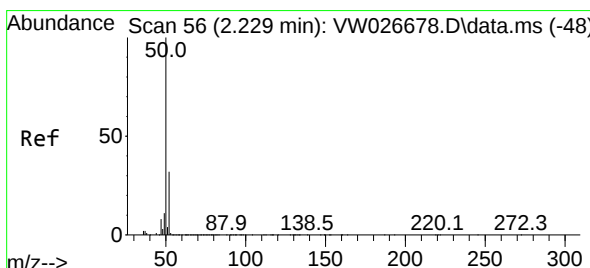
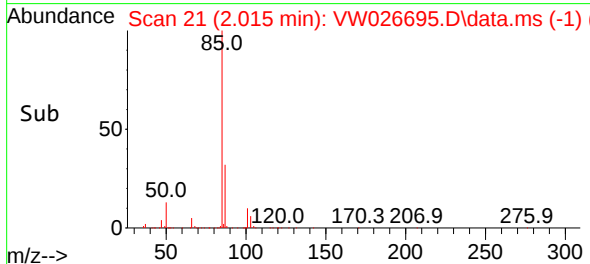
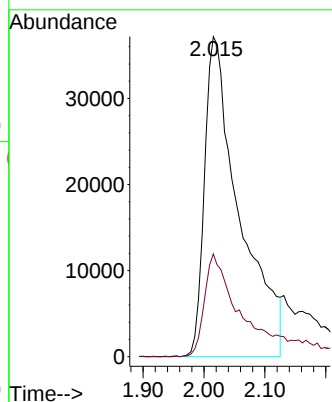
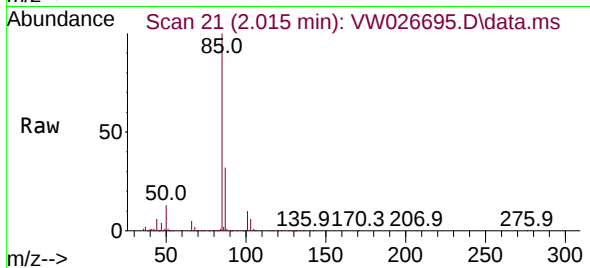




#2
 Dichlorodifluoromethane
 Concen: 22.457 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026695.D
 Acq: 10 Aug 2023 22:32

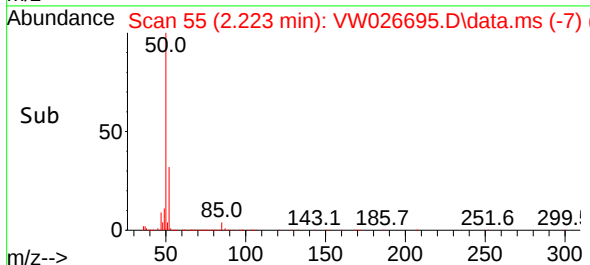
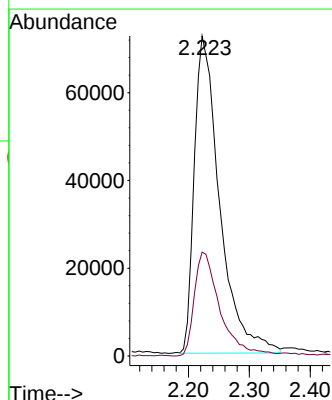
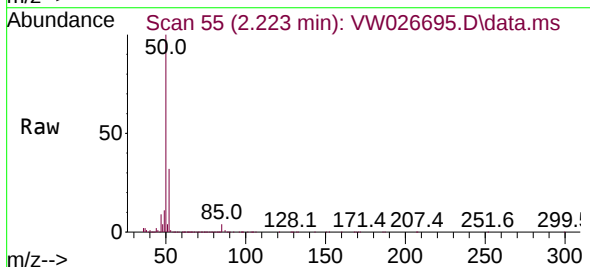
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025574

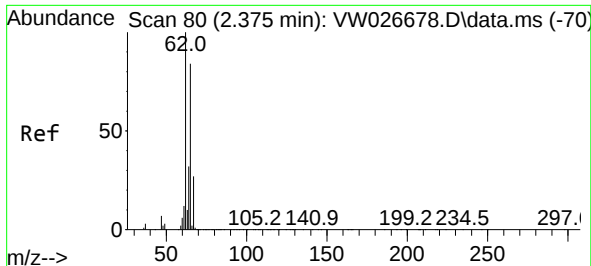
Tgt Ion: 85 Resp: 147900
 Ion Ratio Lower Upper
 85 100
 87 30.4 19.5 29.3#



#3
 Chloromethane
 Concen: 23.275 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026695.D
 Acq: 10 Aug 2023 22:32

Tgt Ion: 50 Resp: 209600
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.0 42.8

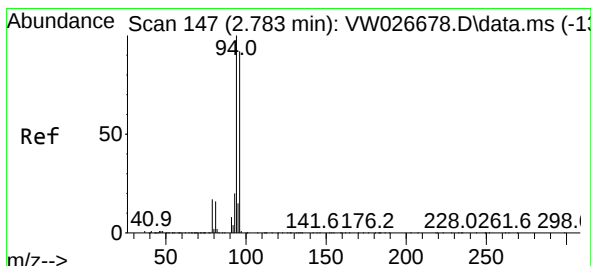
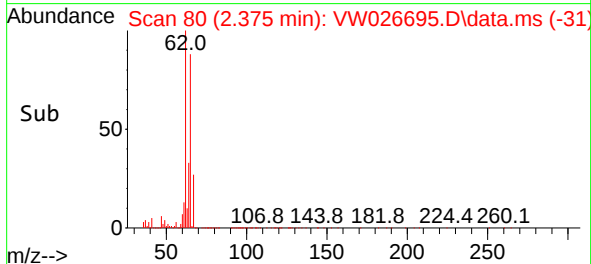
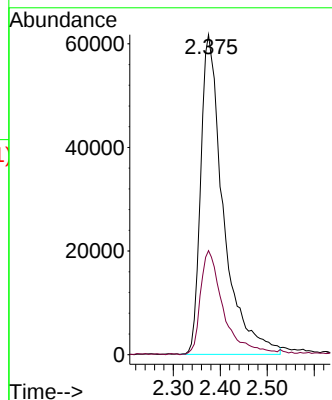
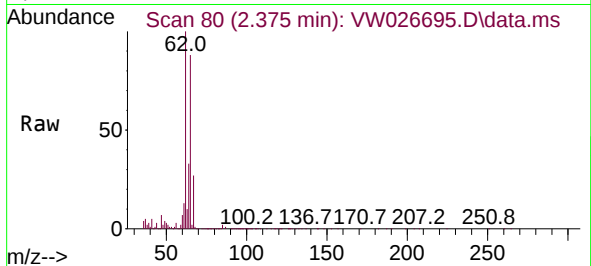




#5
 Vinyl chloride
 Concen: 24.012 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026695.D
 Acq: 10 Aug 2023 22:32

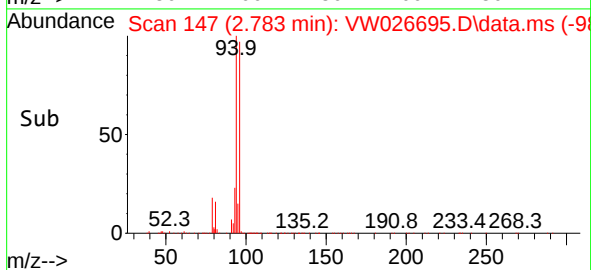
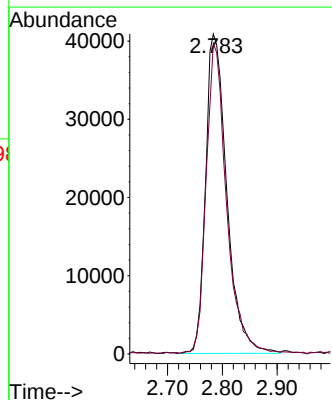
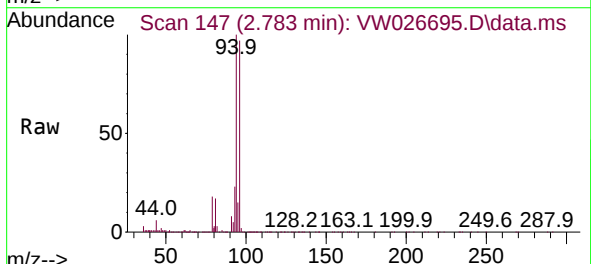
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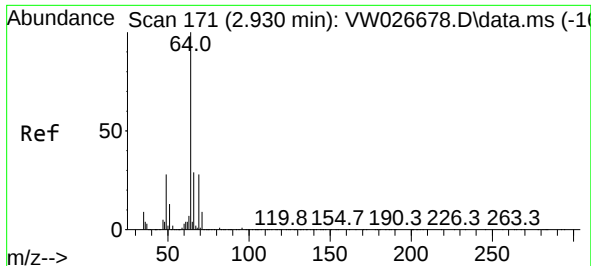
Tgt Ion: 62 Resp: 206721
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 21.830 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026695.D
 Acq: 10 Aug 2023 22:32

Tgt Ion: 94 Resp: 109496
 Ion Ratio Lower Upper
 94 100
 96 97.1 64.8 120.3

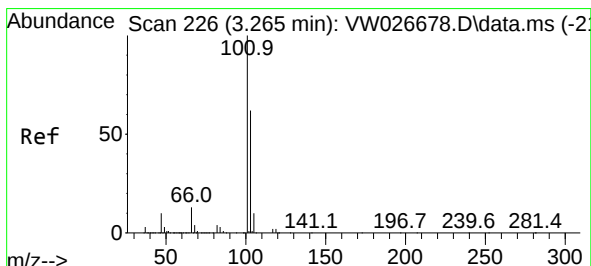
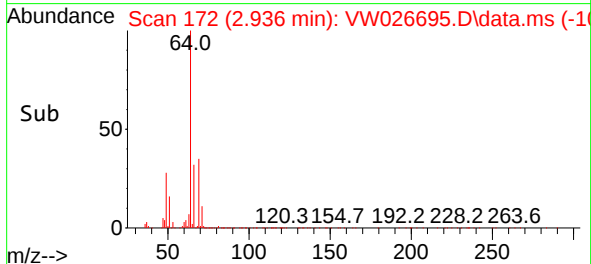
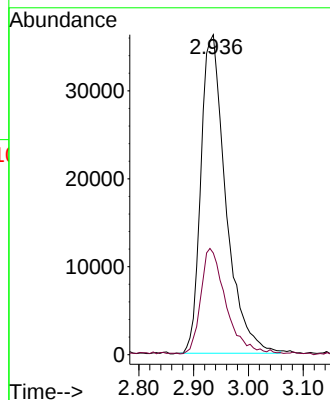
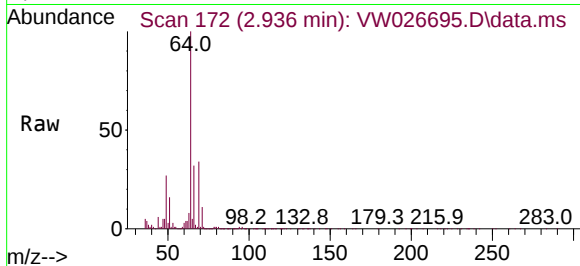




#8
Chloroethane
Concen: 22.189 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

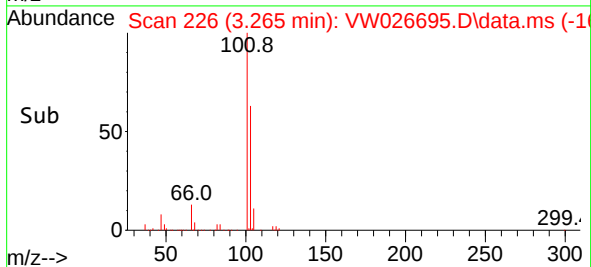
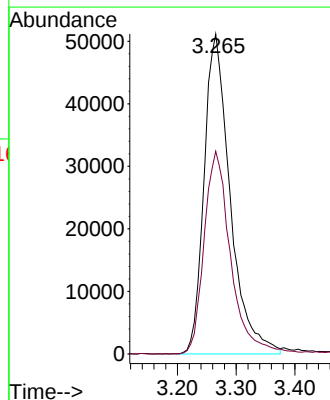
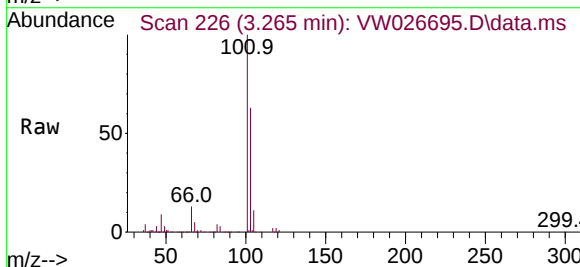
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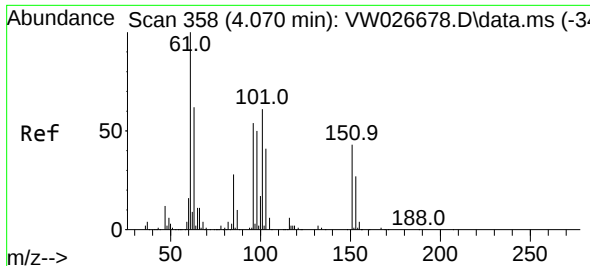
Tgt Ion: 64 Resp: 114459
Ion Ratio Lower Upper
64 100
66 31.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.331 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion: 101 Resp: 157775
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9

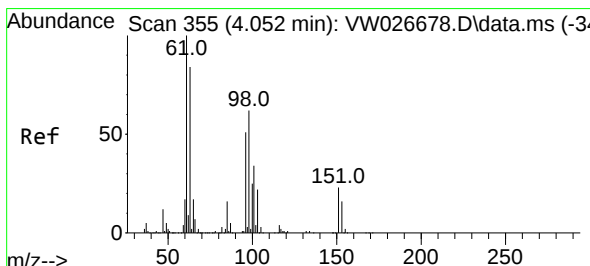
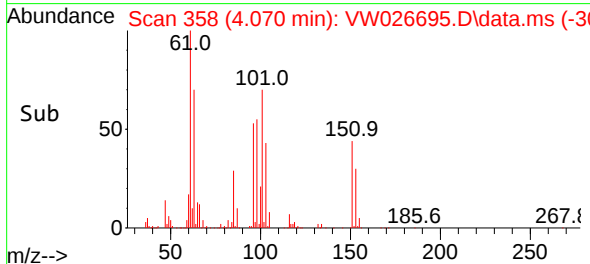
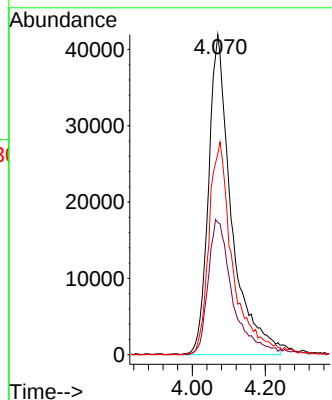
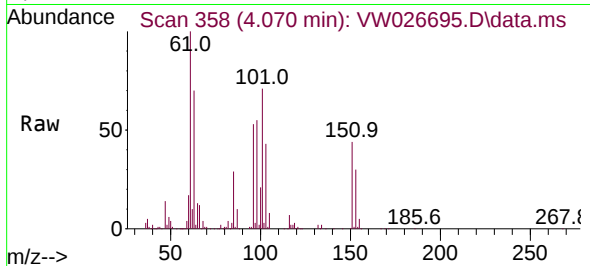




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.998 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026695.D
 Acq: 10 Aug 2023 22:32

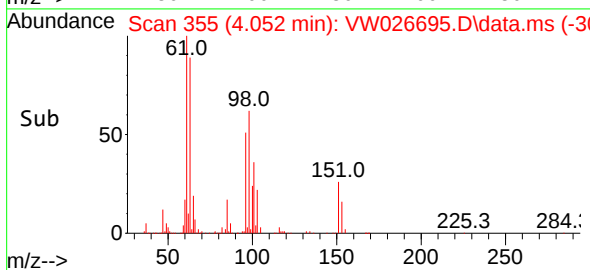
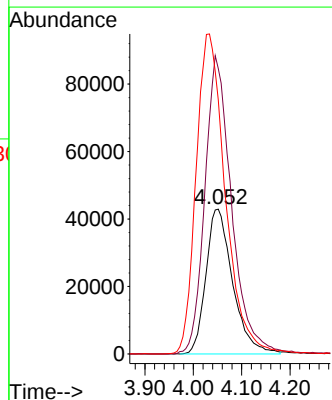
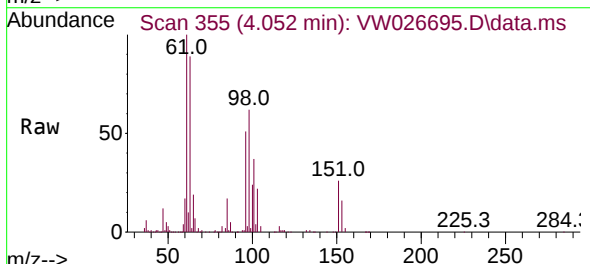
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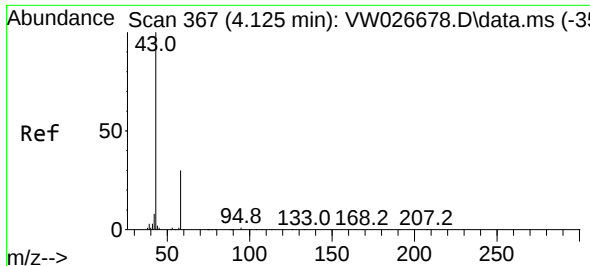
Tgt Ion:101 Resp: 183145
 Ion Ratio Lower Upper
 101 100
 85 42.8 32.8 49.2
 151 65.4 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 23.041 ug/L
 RT: 4.052 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW026695.D
 Acq: 10 Aug 2023 22:32

Tgt Ion: 96 Resp: 164967
 Ion Ratio Lower Upper
 96 100
 61 197.1 133.2 247.4
 63 175.5 109.0 202.4

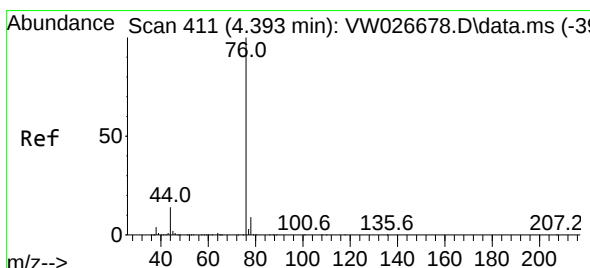
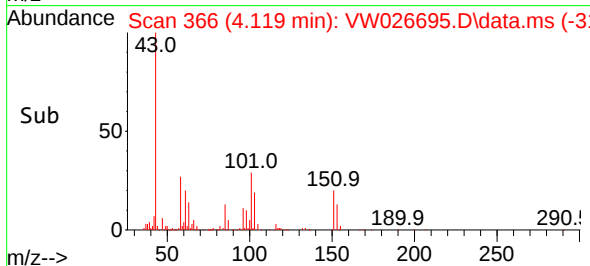
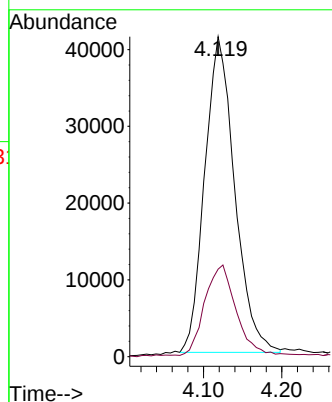
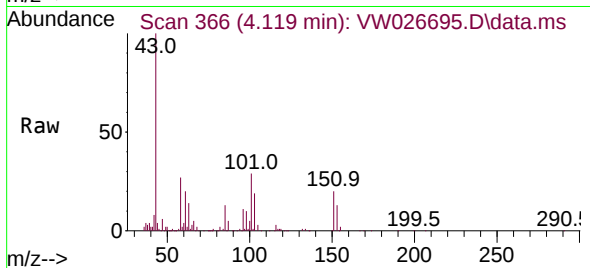




#13
Acetone
Concen: 48.123 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026695.D
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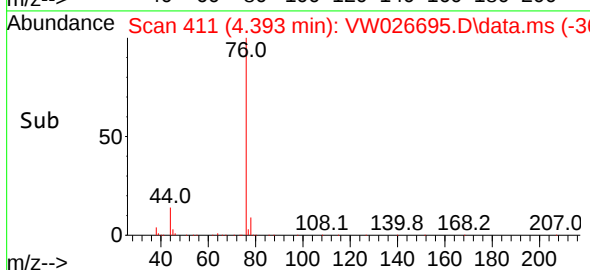
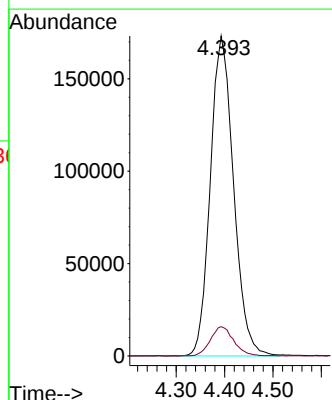
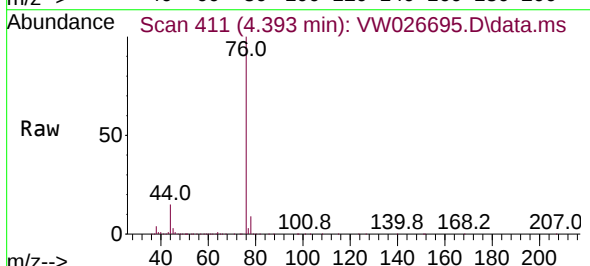
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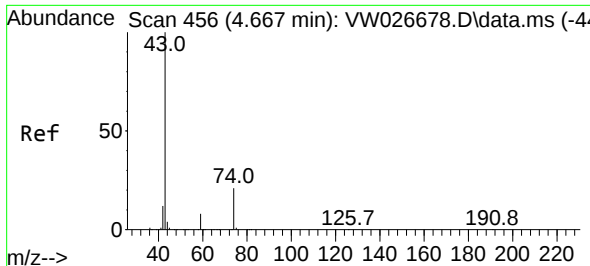
Tgt Ion: 43 Resp: 109511
Ion Ratio Lower Upper
43 100
58 29.6 0.0 57.4



#14
Carbon disulfide
Concen: 22.466 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion: 76 Resp: 578667
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

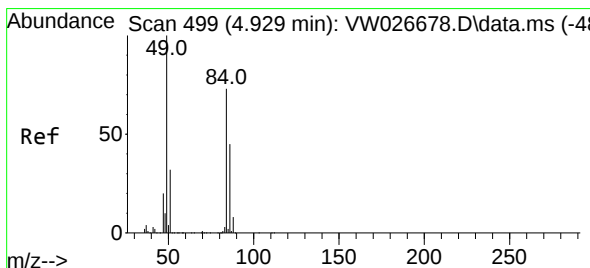
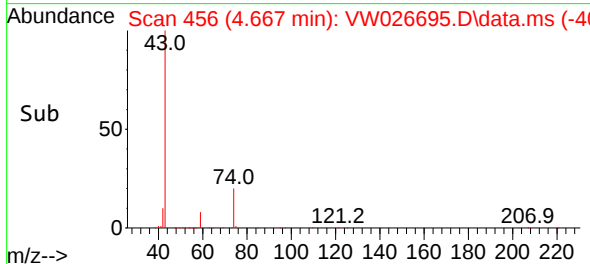
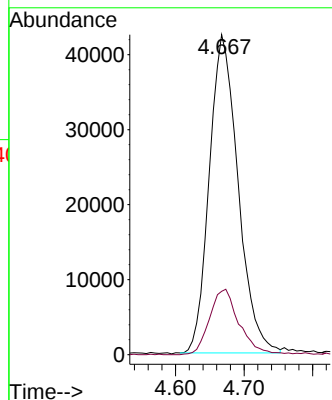
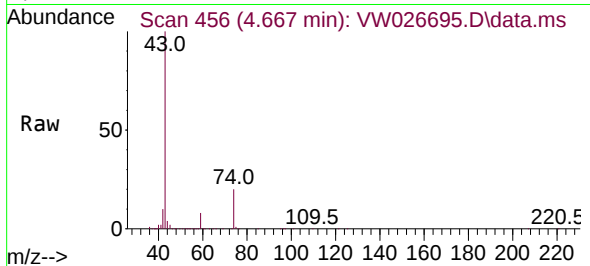




#15
Methyl Acetate
Concen: 27.148 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

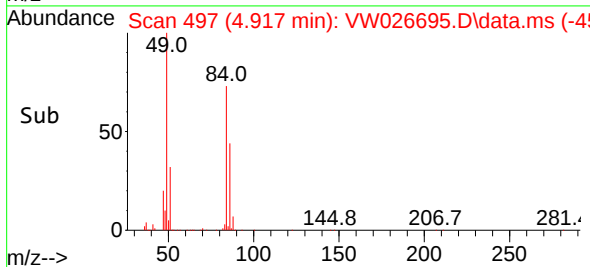
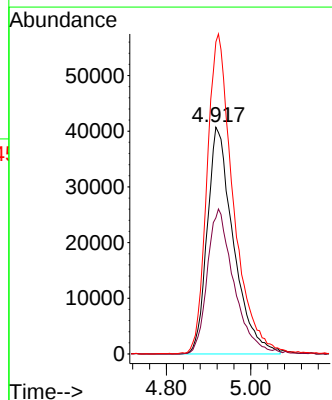
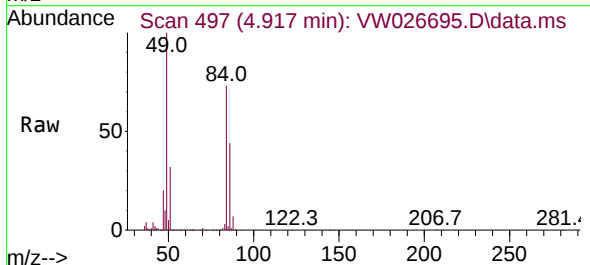
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

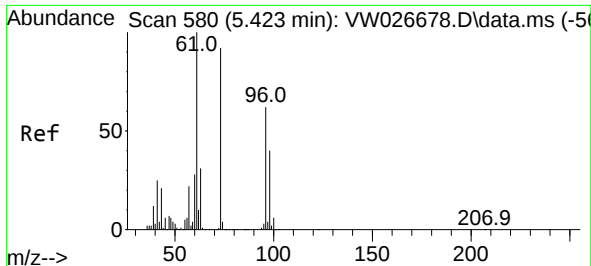
Tgt Ion: 43 Resp: 123750
Ion Ratio Lower Upper
43 100
74 21.0 16.4 24.6



#16
Methylene chloride
Concen: 18.732 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.012 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion: 84 Resp: 175521
Ion Ratio Lower Upper
84 100
86 60.0 43.5 80.9
49 137.6 96.0 178.2

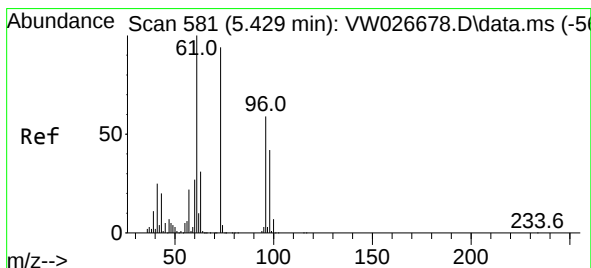
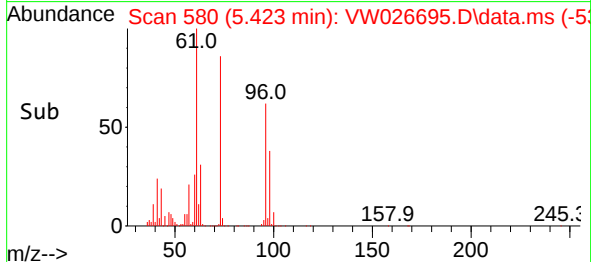
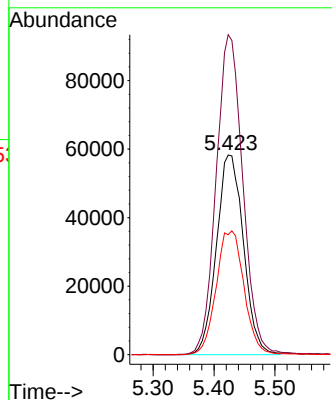
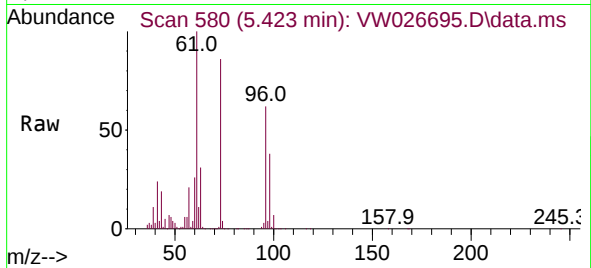




#17
trans-1,2-Dichloroethene
Concen: 22.471 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

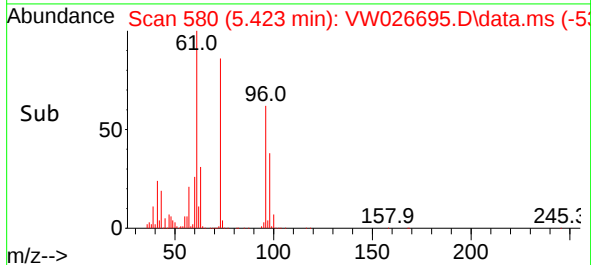
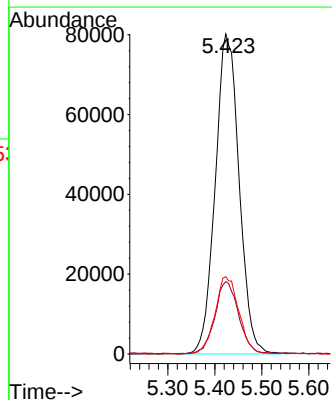
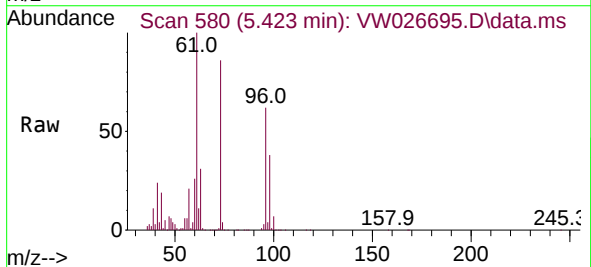
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

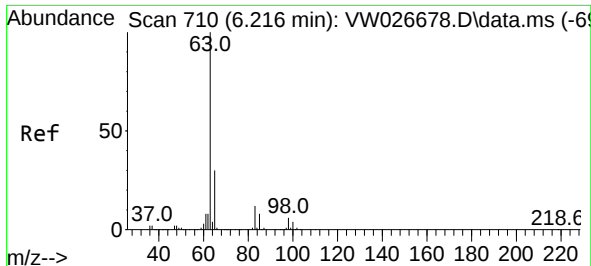
Tgt Ion: 96 Resp: 179532
Ion Ratio Lower Upper
96 100
61 160.2 109.4 203.2
98 60.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 23.382 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion: 73 Resp: 282664
Ion Ratio Lower Upper
73 100
43 21.9 18.0 27.0
57 24.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.438 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025574

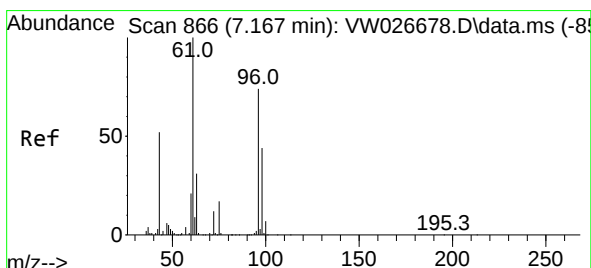
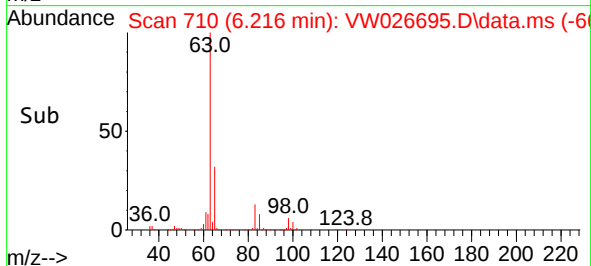
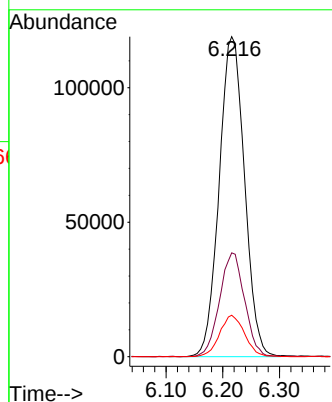
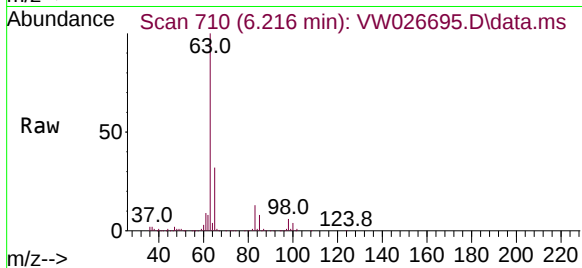
Tgt Ion: 63 Resp: 368960

Ion Ratio Lower Upper

63 100

65 32.5 21.8 40.6

83 13.0 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 22.075 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

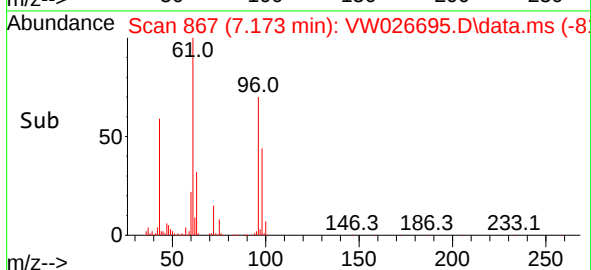
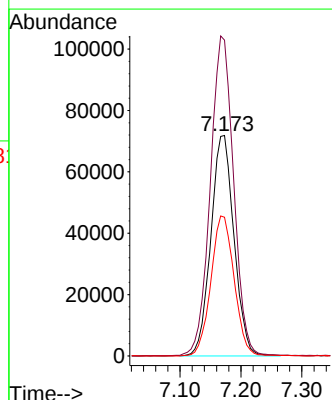
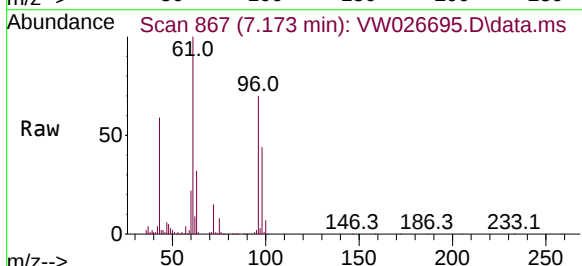
Tgt Ion: 96 Resp: 189567

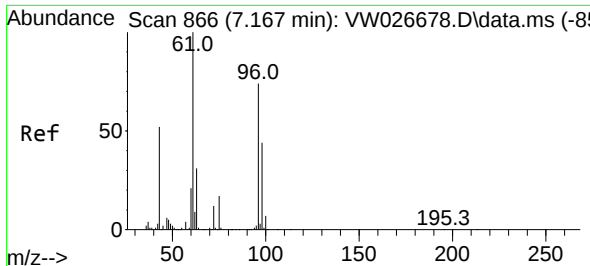
Ion Ratio Lower Upper

96 100

61 143.3 101.2 188.0

98 63.0 43.8 81.3

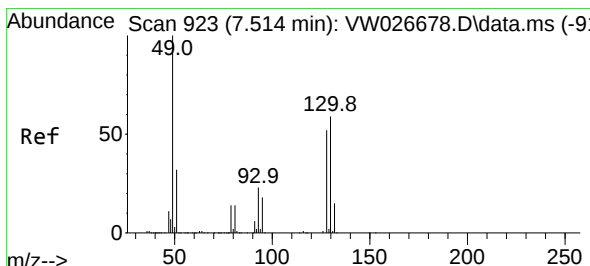
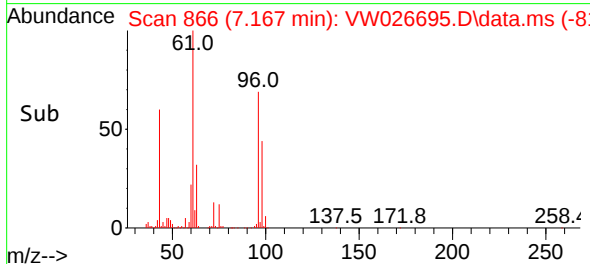
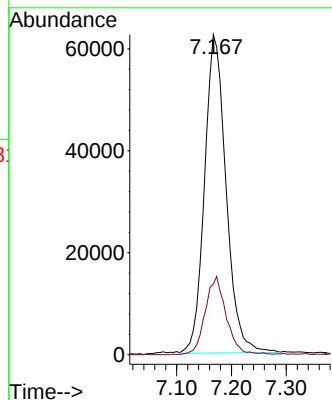
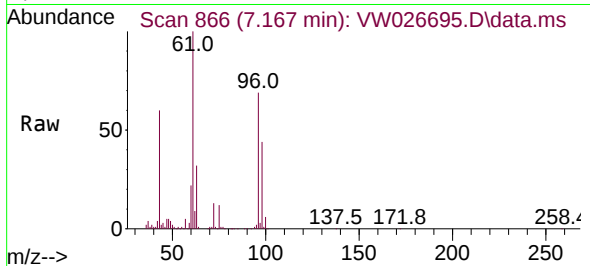




#22
2-Butanone
Concen: 50.930 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

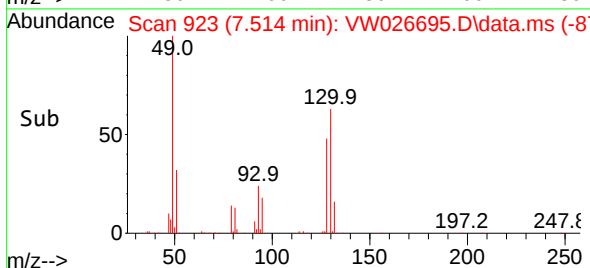
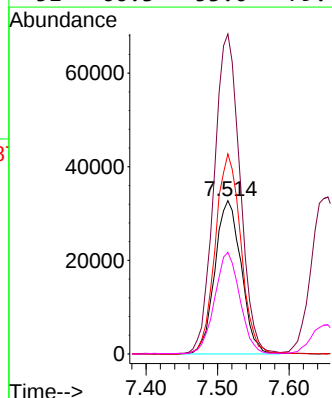
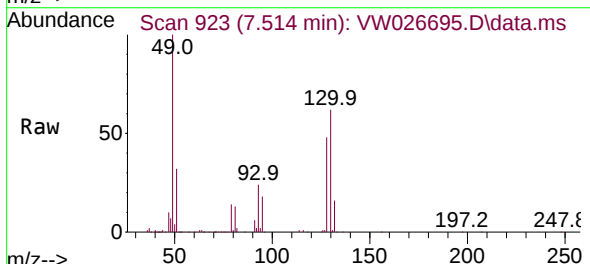
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

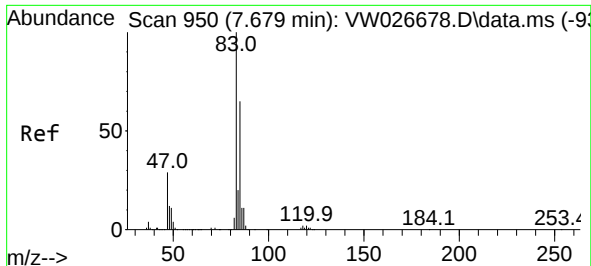
Tgt Ion: 43 Resp: 170800
Ion Ratio Lower Upper
43 100
72 23.3 11.8 35.4



#23
Bromochloromethane
Concen: 22.542 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion: 128 Resp: 83623
Ion Ratio Lower Upper
128 100
49 208.7 143.1 265.7
130 130.4 91.8 170.4
51 66.3 53.0 79.4

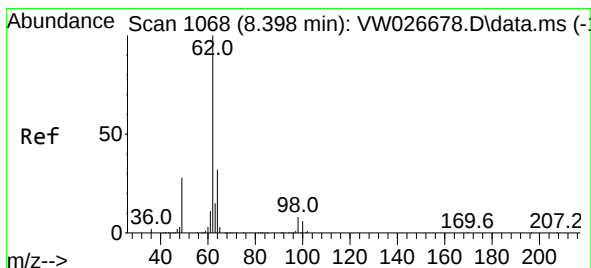
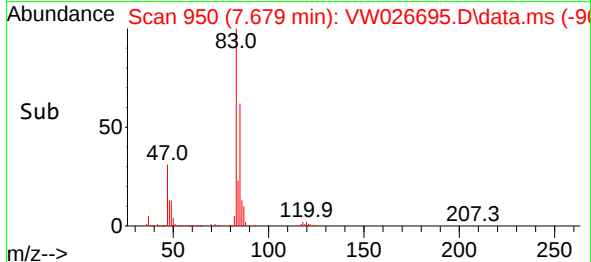
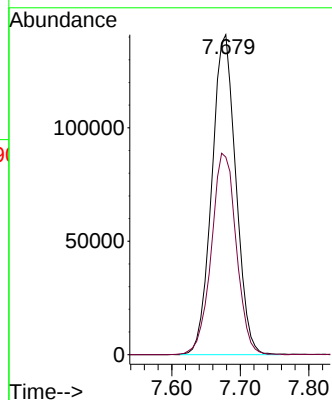
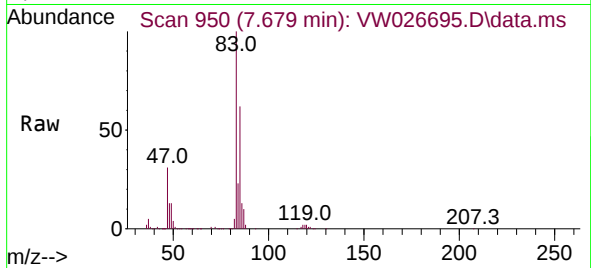




#25
Chloroform
Concen: 21.618 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

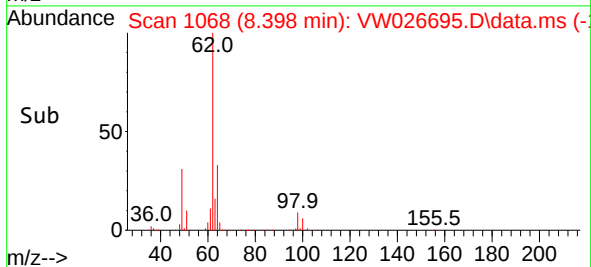
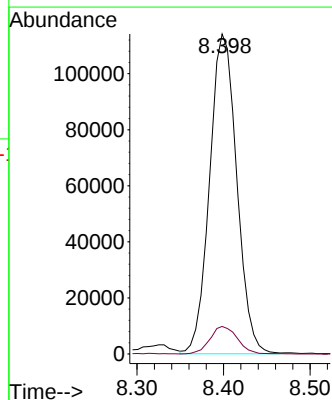
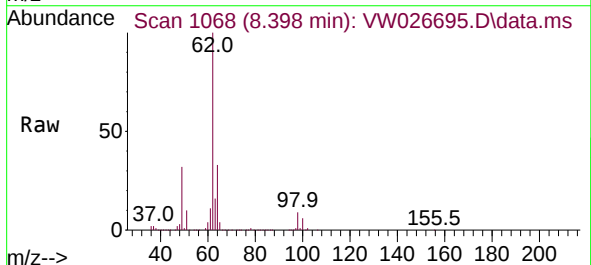
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

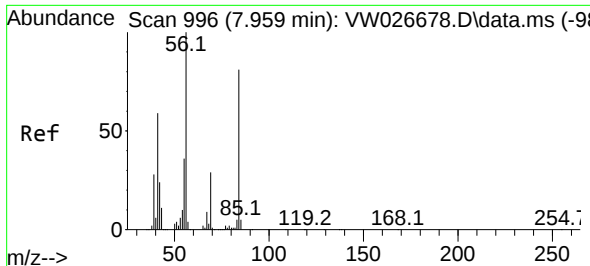
Tgt Ion: 83 Resp: 343420
Ion Ratio Lower Upper
83 100
85 61.8 45.4 84.2



#27
1,2-Dichloroethane
Concen: 22.461 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

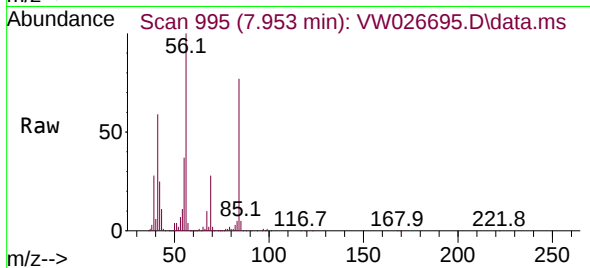
Tgt Ion: 62 Resp: 248919
Ion Ratio Lower Upper
62 100
98 8.6 7.1 10.7



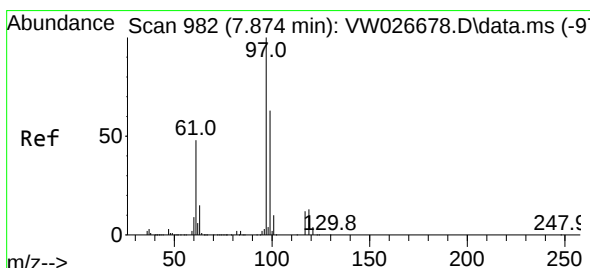
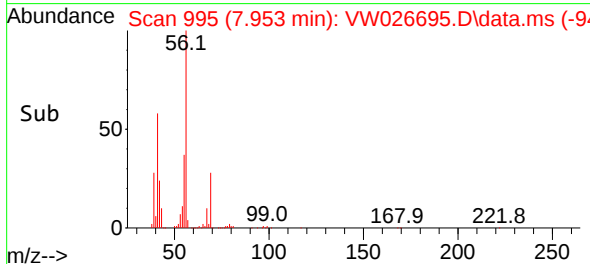
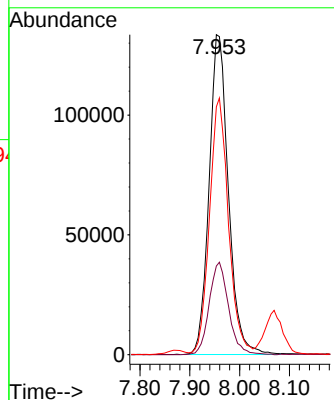


#29
Cyclohexane
Concen: 24.932 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

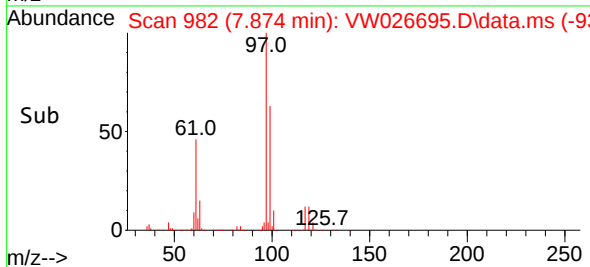
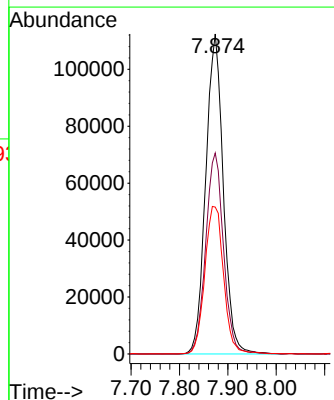
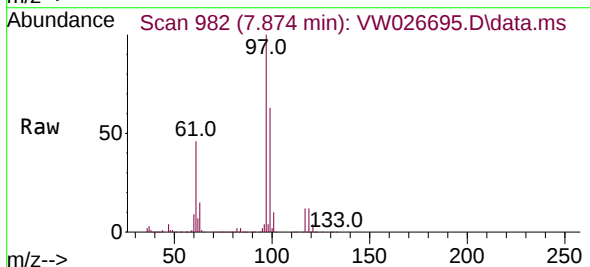


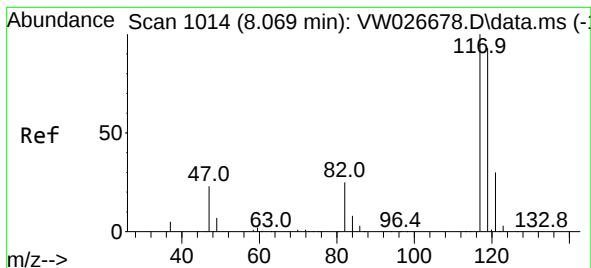
Tgt Ion: 56 Resp: 358806
Ion Ratio Lower Upper
56 100
69 29.0 23.2 34.8
84 78.9 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 23.331 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion: 97 Resp: 283359
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 49.6 39.2 58.8

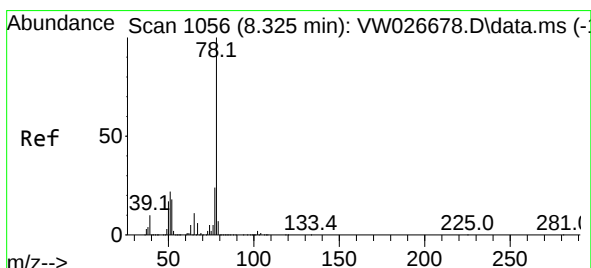
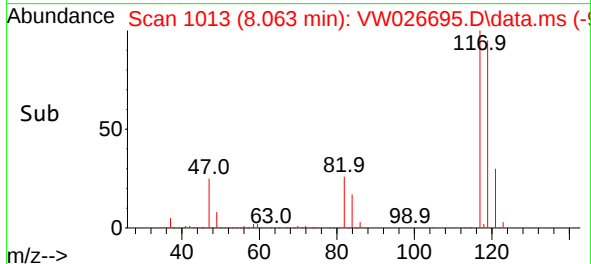
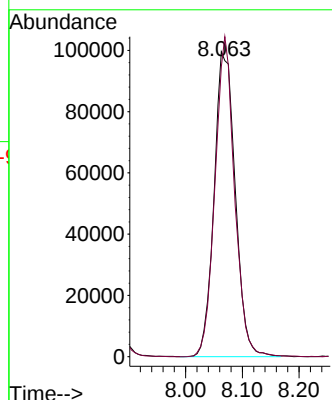
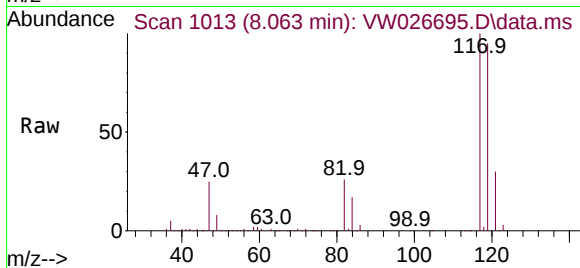




#31
Carbon tetrachloride
Concen: 23.254 ug/L
RT: 8.063 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

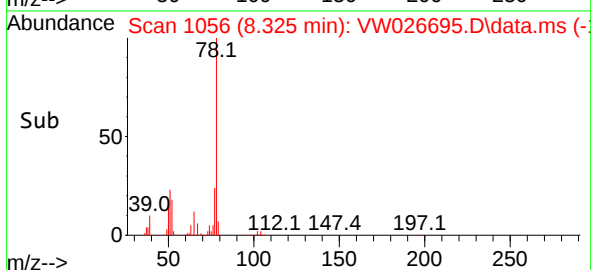
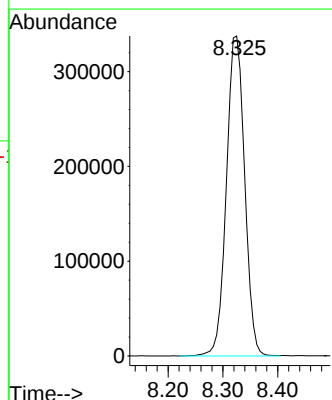
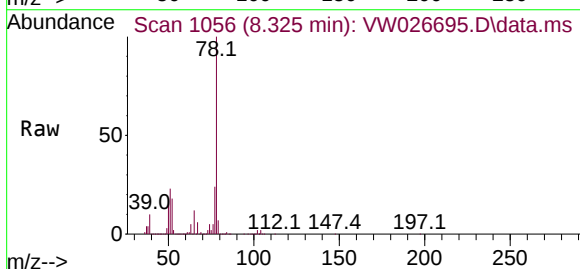
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

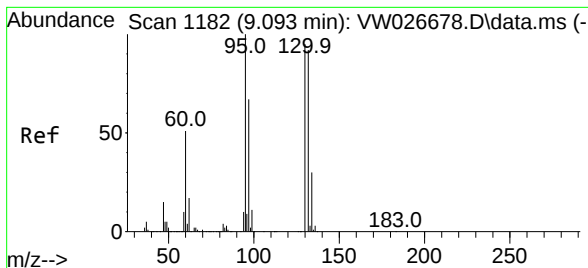
Tgt Ion:117 Resp: 258232
Ion Ratio Lower Upper
117 100
119 97.0 73.0 109.4



#33
Benzene
Concen: 23.088 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion: 78 Resp: 782439





#34

Trichloroethene

Concen: 23.056 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025574

Tgt Ion: 95 Resp: 198999

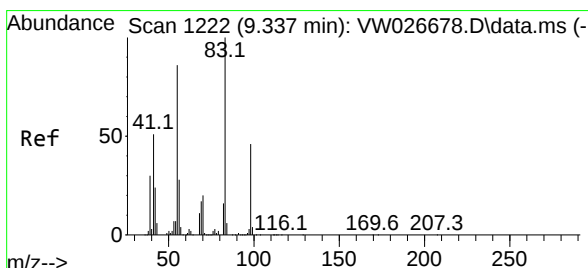
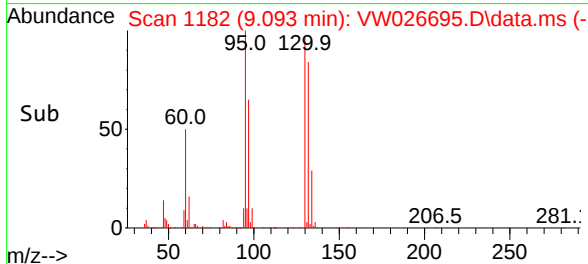
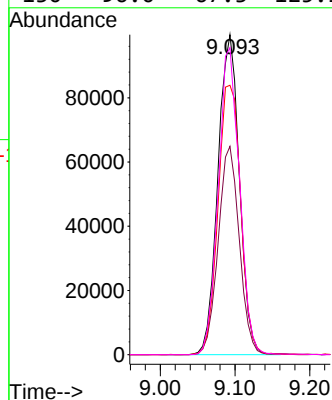
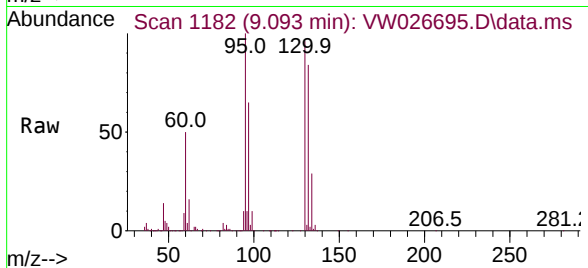
Ion Ratio Lower Upper

95 100

97 65.1 44.6 82.8

132 84.2 66.4 123.2

130 96.0 67.3 125.1



#35

Methylcyclohexane

Concen: 25.231 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

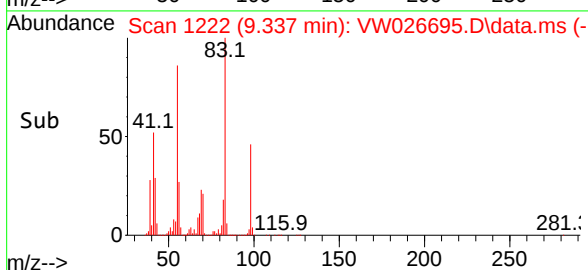
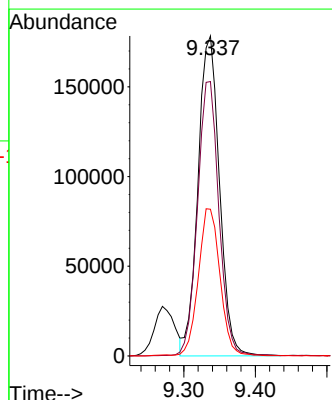
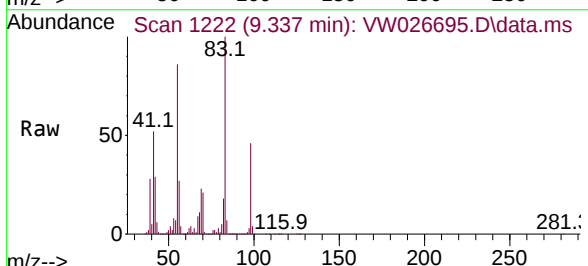
Tgt Ion: 83 Resp: 372544

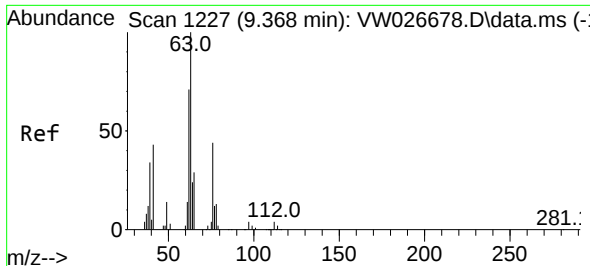
Ion Ratio Lower Upper

83 100

55 85.1 69.3 103.9

98 46.5 37.4 56.0





#37

1,2-Dichloropropane

Concen: 22.523 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

Instrument :

MSVOA_W

ClientSampleId :

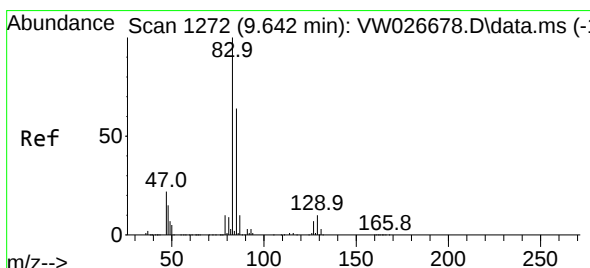
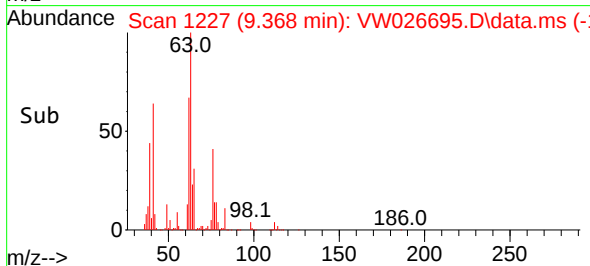
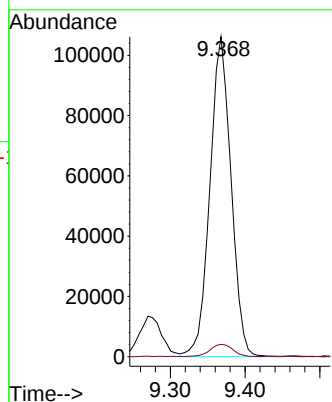
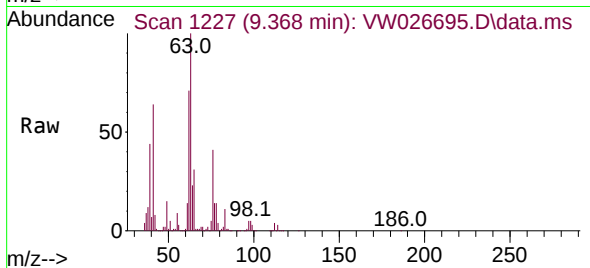
VSTD025574

Tgt Ion: 63 Resp: 209072

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 22.082 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

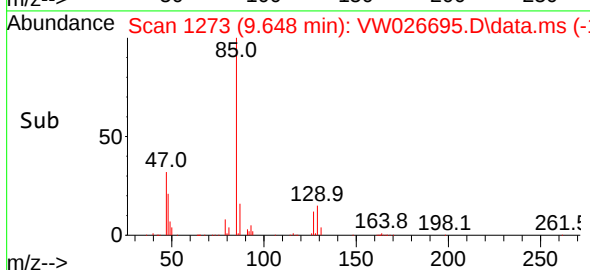
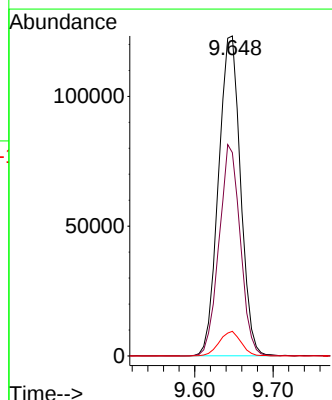
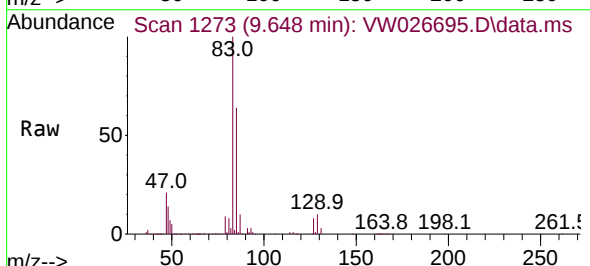
Tgt Ion: 83 Resp: 240462

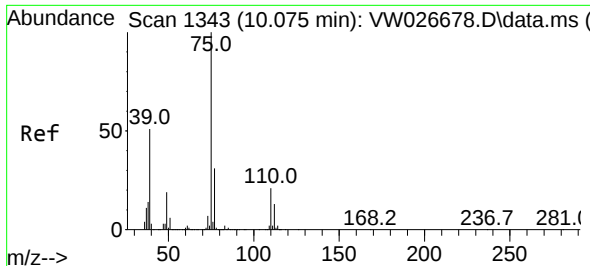
Ion Ratio Lower Upper

83 100

85 63.6 45.4 84.2

127 7.7 6.2 9.2

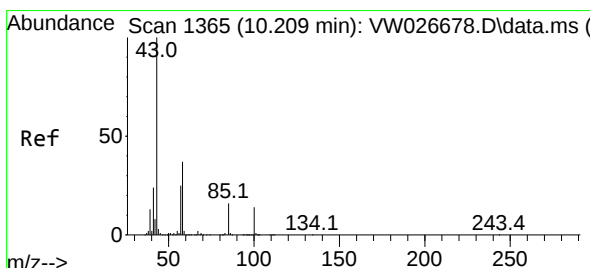
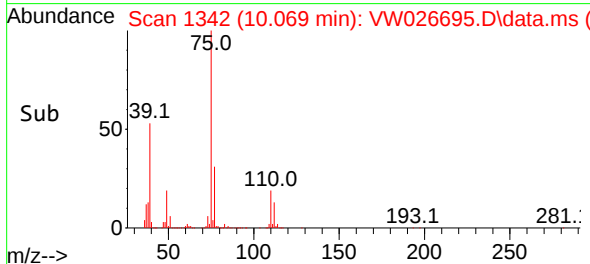
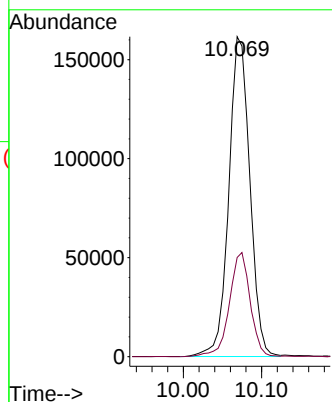
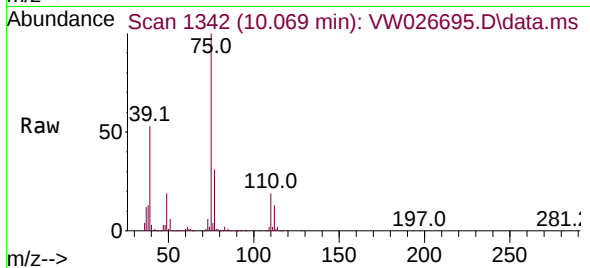




#39
 cis-1,3-Dichloropropene
 Concen: 22.582 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: VW026695.D
 Acq: 10 Aug 2023 22:32

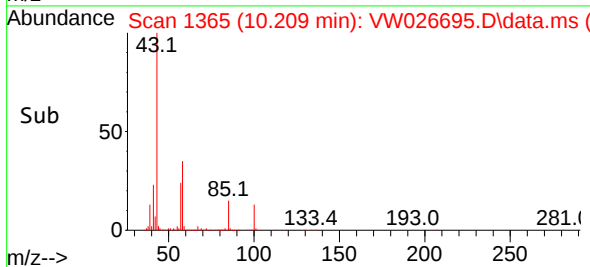
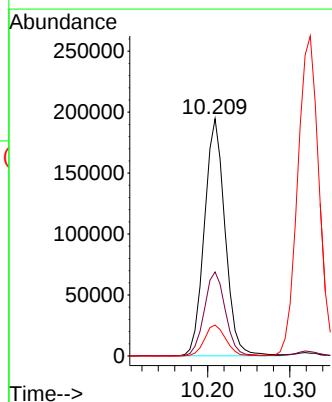
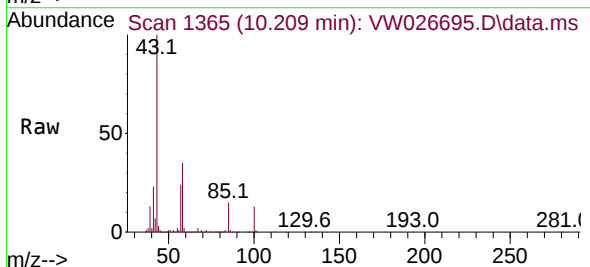
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025574

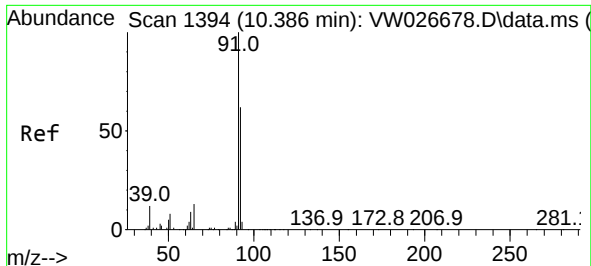
Tgt Ion: 75 Resp: 301558
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 56.169 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW026695.D
 Acq: 10 Aug 2023 22:32

Tgt Ion: 43 Resp: 339147
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.2 43.8
 100 13.5 10.7 16.1

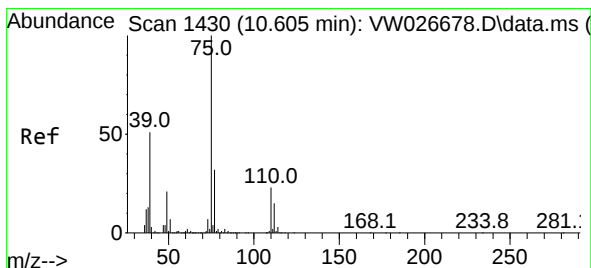
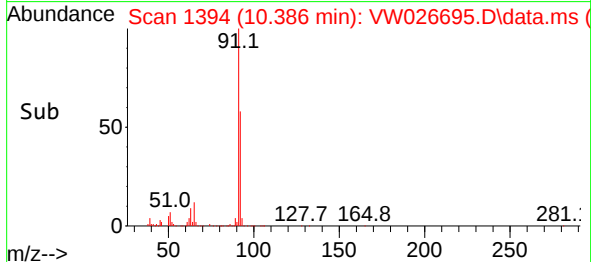
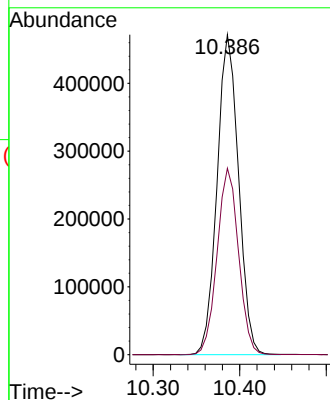
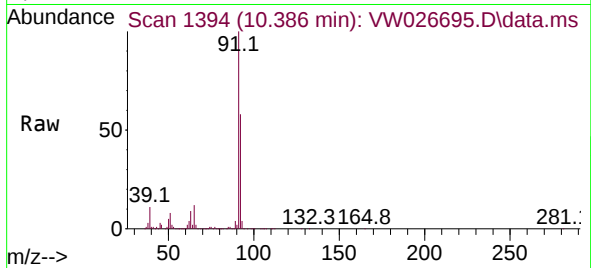




#42
Toluene
Concen: 23.676 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

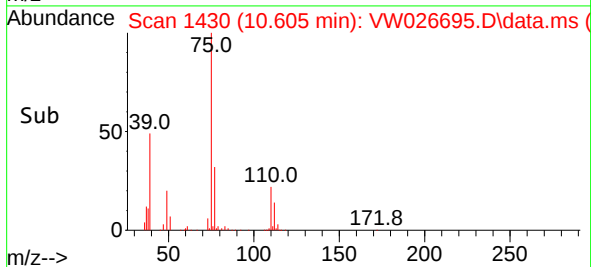
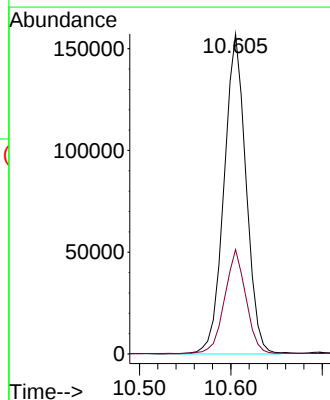
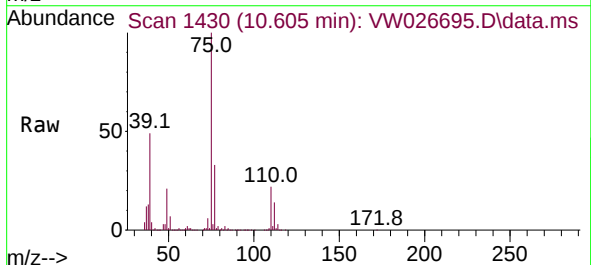
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

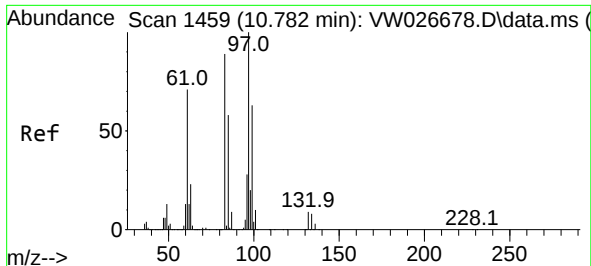
Tgt Ion: 91 Resp: 811650
Ion Ratio Lower Upper
91 100
92 58.2 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 22.840 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion: 75 Resp: 262525
Ion Ratio Lower Upper
75 100
77 32.6 21.2 39.4

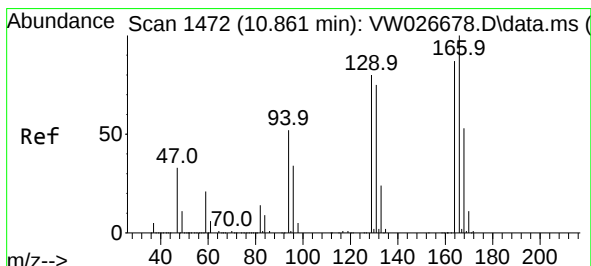
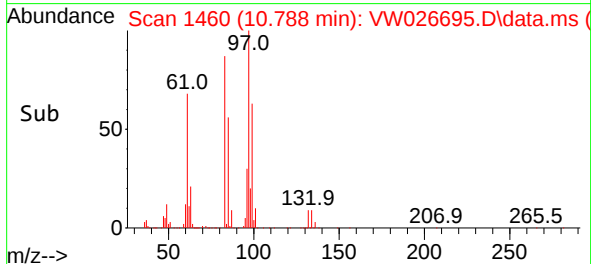
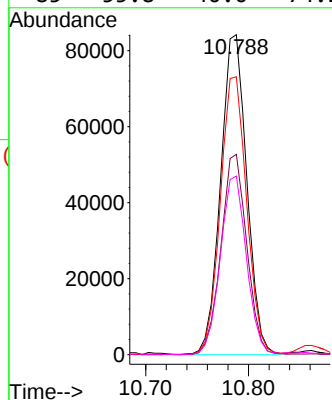
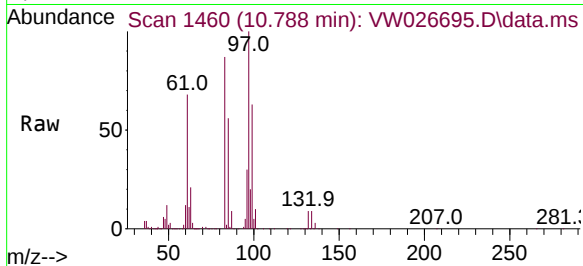




#45
1,1,2-Trichloroethane
Concen: 23.465 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

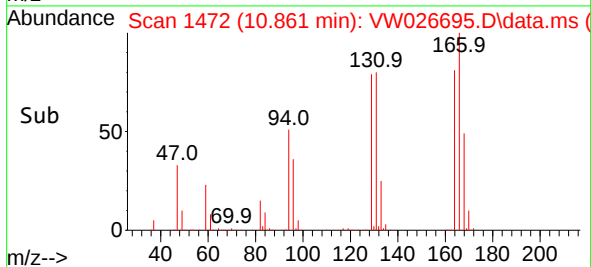
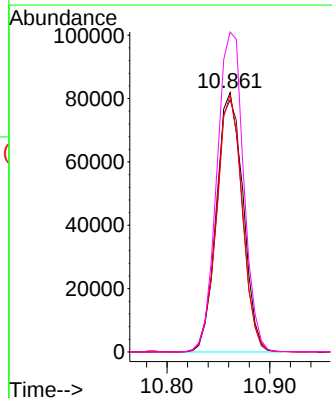
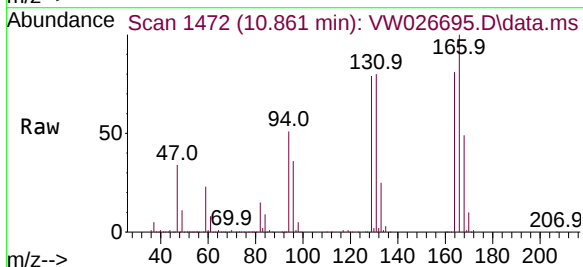
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

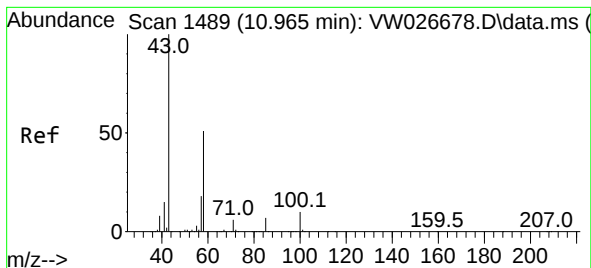
Tgt Ion: 97	Resp: 148968
Ion Ratio	Lower Upper
97 100	
99 62.6	44.2 82.0
83 86.9	61.9 114.9
85 55.8	40.0 74.2



#46
Tetrachloroethene
Concen: 23.243 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt	Ion:164	Resp:	145744
Ion	Ratio	Lower	Upper
164	100		
129	97.2	68.1	126.5
131	99.2	65.5	121.7
166	123.4	89.1	165.5





#48

2-Hexanone

Concen: 57.820 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025574

Tgt Ion: 43 Resp: 237553

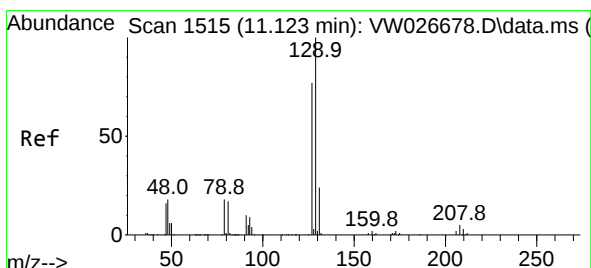
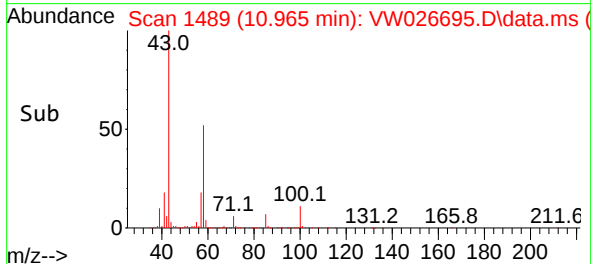
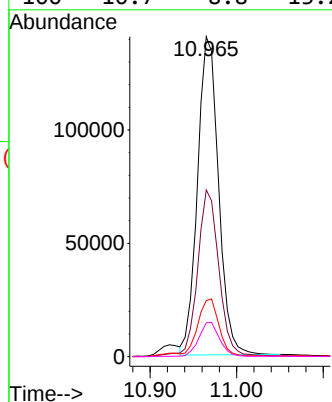
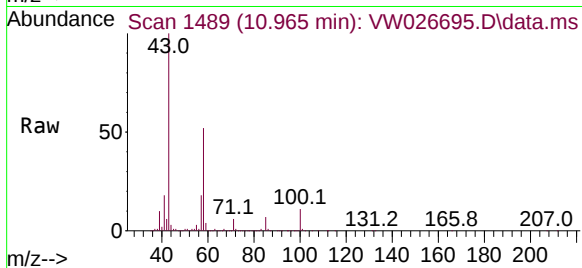
Ion Ratio Lower Upper

43 100

58 53.5 41.1 61.7

57 18.5 14.3 21.5

100 10.7 8.8 13.2



#49

Dibromochloromethane

Concen: 22.483 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW026695.D

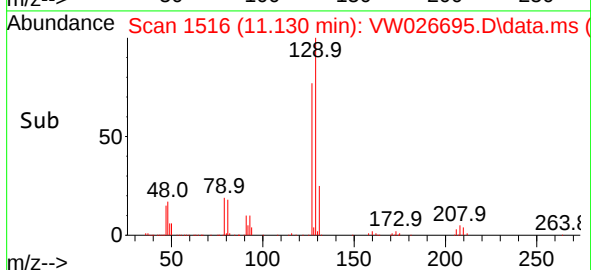
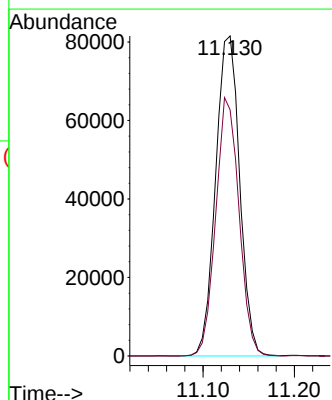
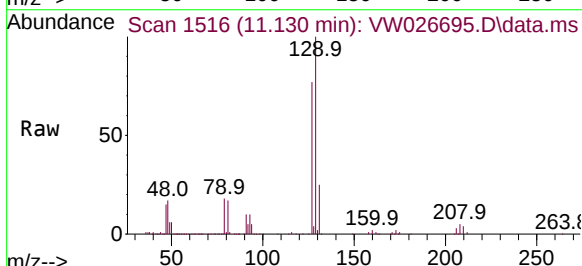
Acq: 10 Aug 2023 22:32

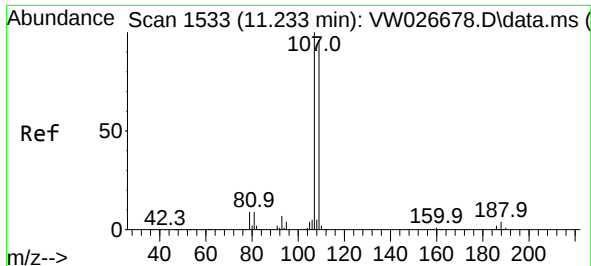
Tgt Ion: 129 Resp: 149283

Ion Ratio Lower Upper

129 100

127 76.9 56.6 105.2





#50

1,2-Dibromoethane

Concen: 23.535 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025574

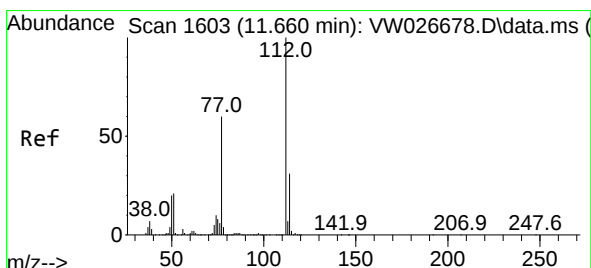
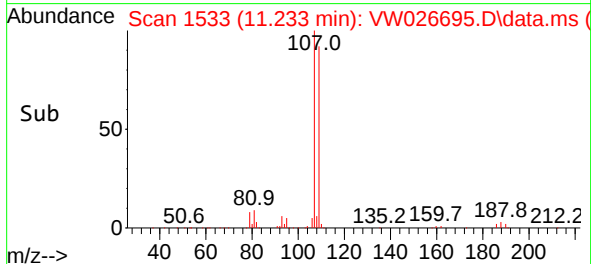
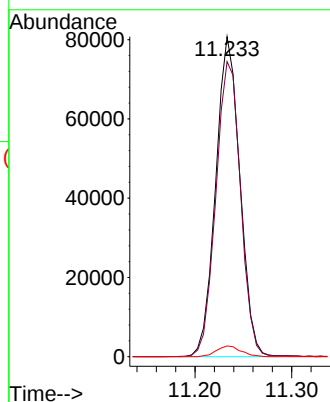
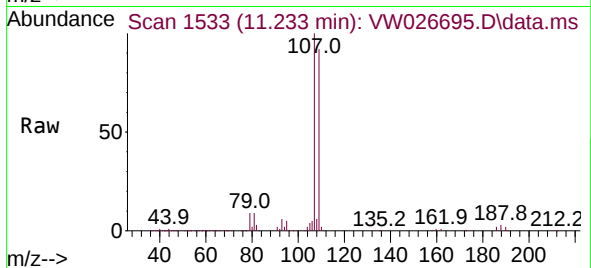
Tgt Ion:107 Resp: 140188

Ion Ratio Lower Upper

107 100

109 92.2 68.8 127.8

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 22.221 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

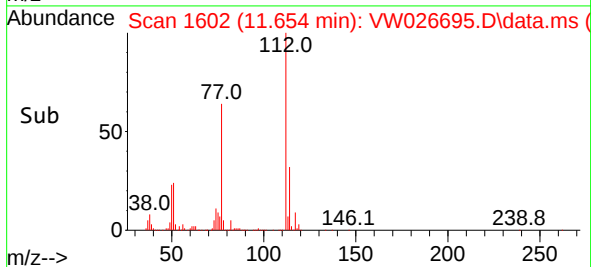
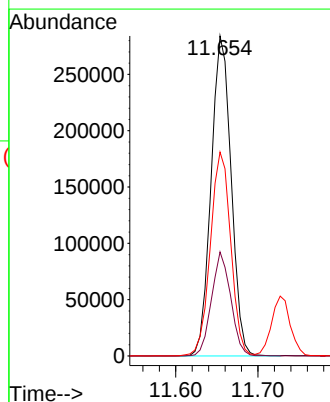
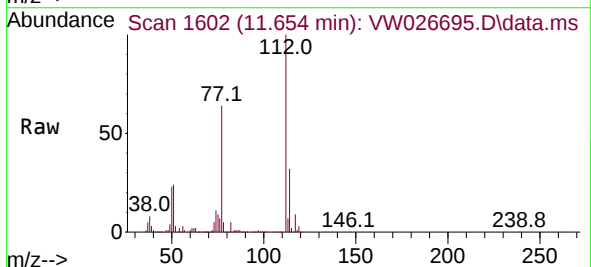
Tgt Ion:112 Resp: 481187

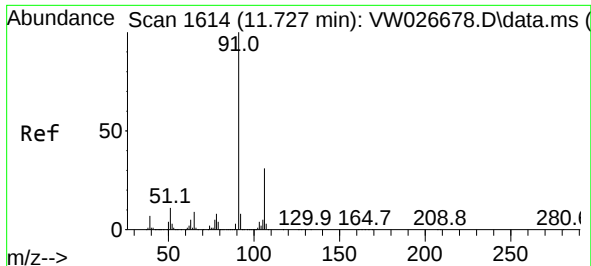
Ion Ratio Lower Upper

112 100

114 32.5 22.4 41.6

77 63.7 50.2 75.2

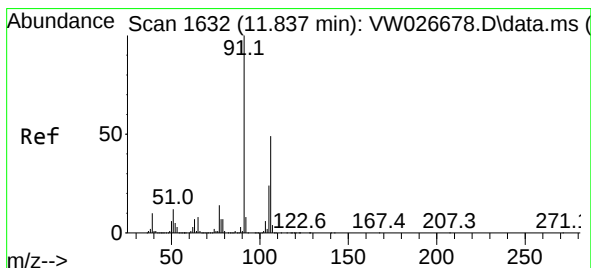
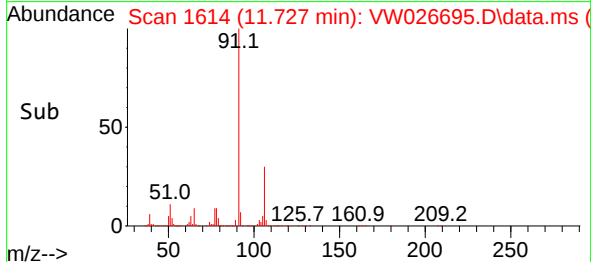
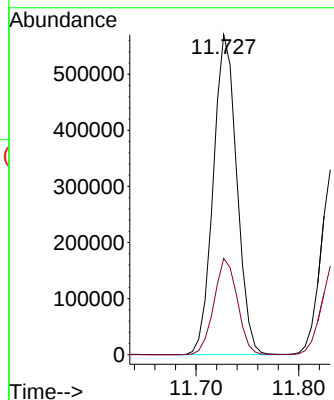
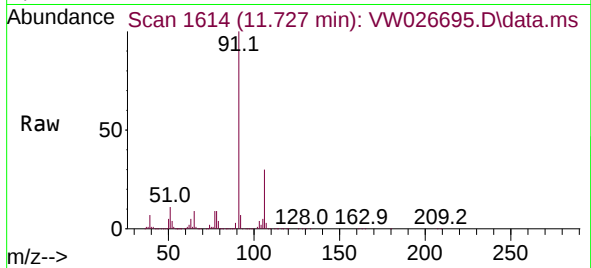




#52
Ethylbenzene
Concen: 23.624 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

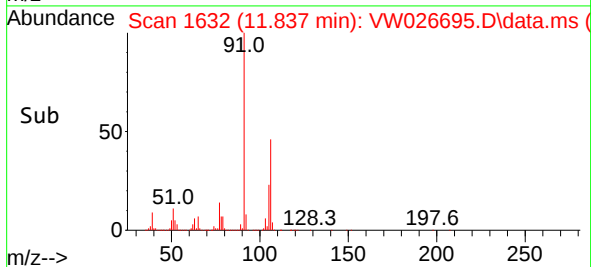
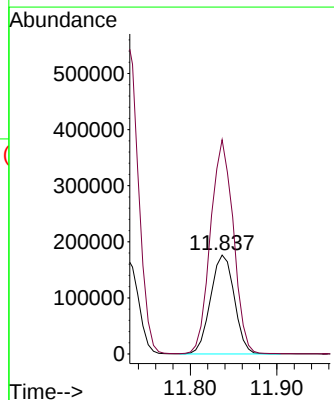
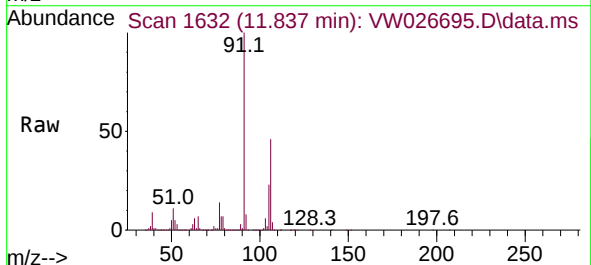
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

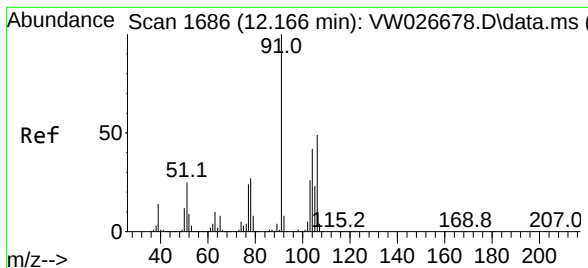
Tgt Ion: 91 Resp: 908185
Ion Ratio Lower Upper
91 100
106 30.1 20.2 37.6



#53
m,p-Xylene
Concen: 23.640 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion: 106 Resp: 336679
Ion Ratio Lower Upper
106 100
91 216.5 152.9 284.1

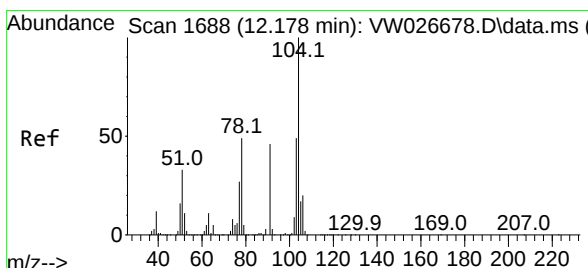
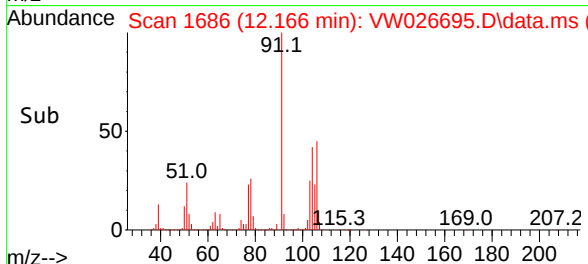
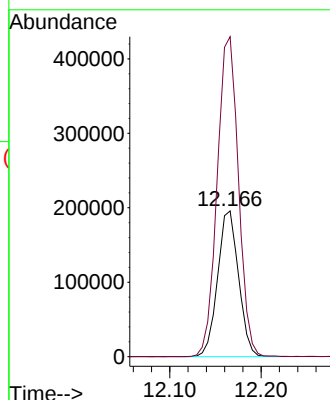
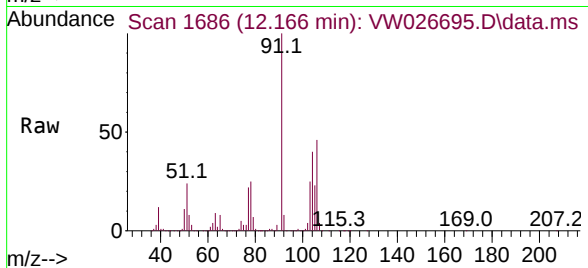




#54
o-Xylene
Concen: 23.506 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

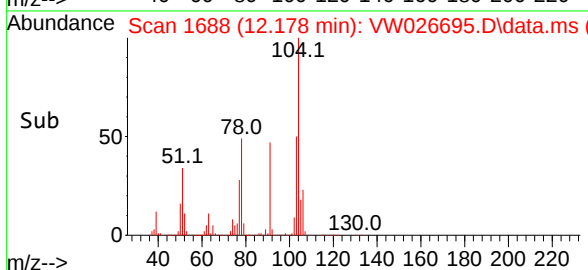
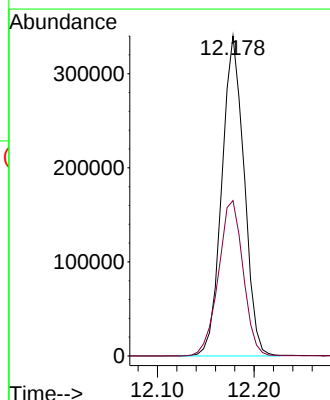
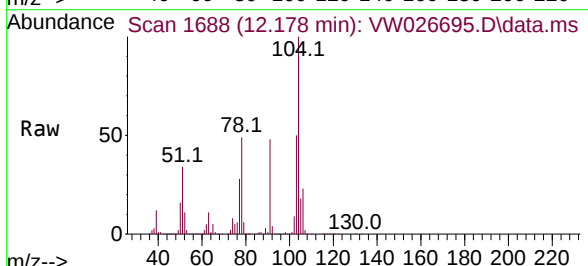
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

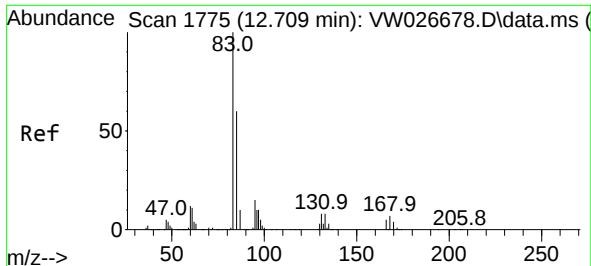
Tgt Ion:106 Resp: 312449
Ion Ratio Lower Upper
106 100
91 219.5 149.9 278.3



#55
Styrene
Concen: 23.498 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion:104 Resp: 543063
Ion Ratio Lower Upper
104 100
78 48.6 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.641 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025574

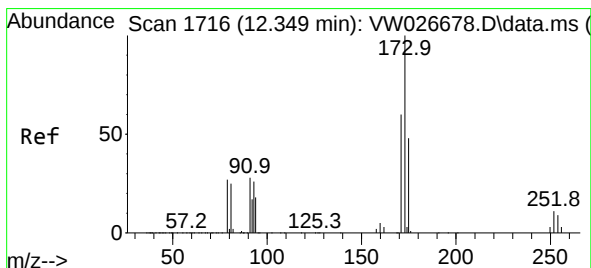
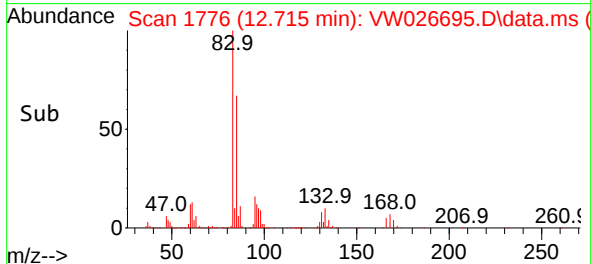
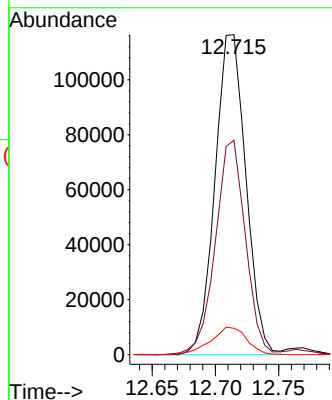
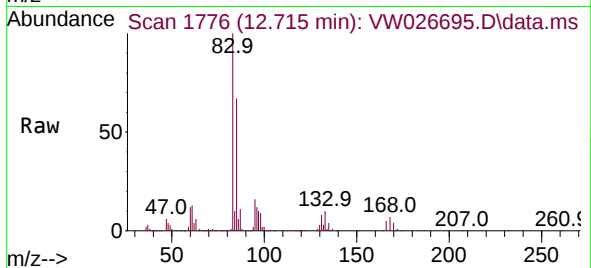
Tgt Ion: 83 Resp: 198109

Ion Ratio Lower Upper

83 100

85 67.0 44.9 83.3

131 8.2 7.4 11.0



#59

Bromoform

Concen: 23.275 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

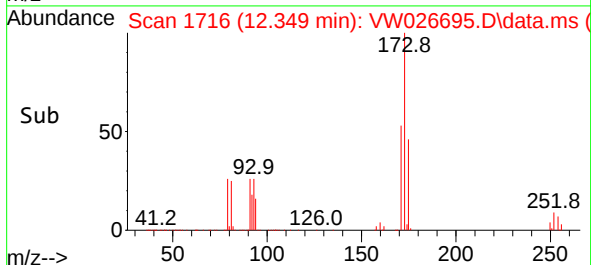
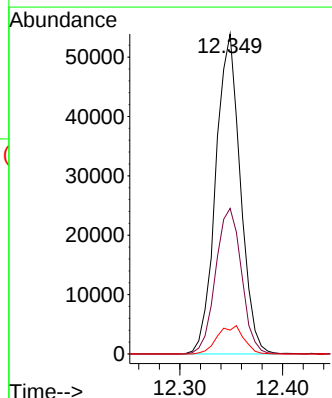
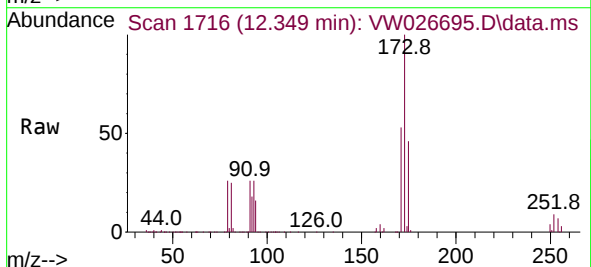
Tgt Ion: 173 Resp: 89551

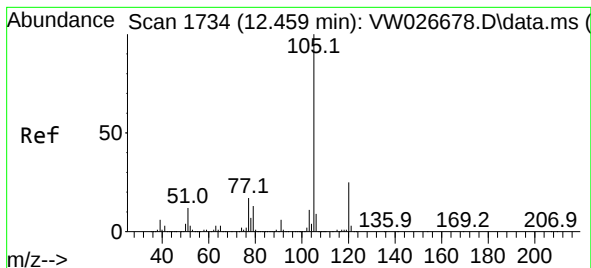
Ion Ratio Lower Upper

173 100

175 47.8 36.6 55.0

254 9.5 7.8 11.6

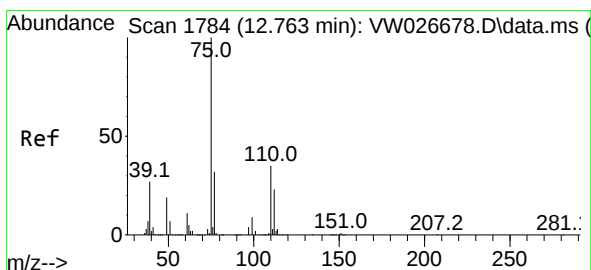
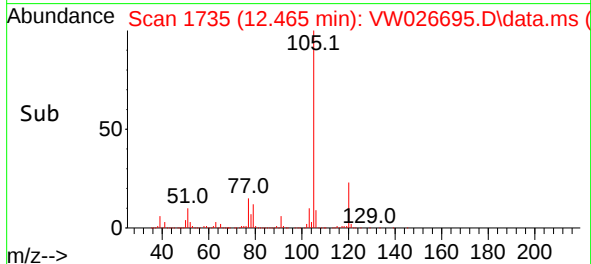
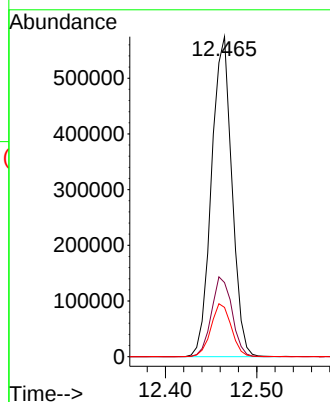
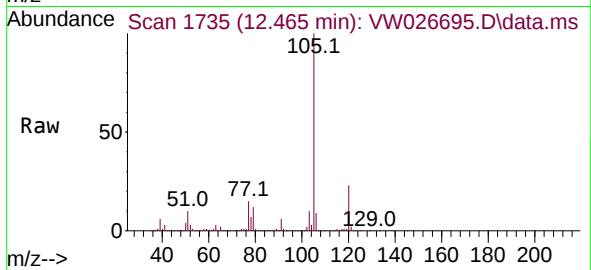




#60
Isopropylbenzene
Concen: 24.330 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

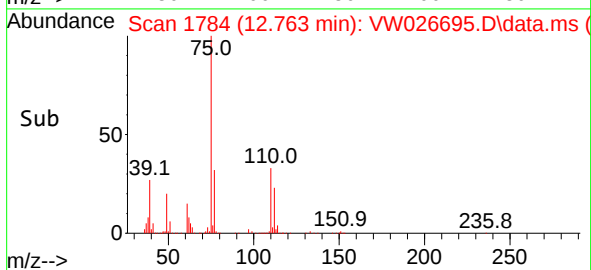
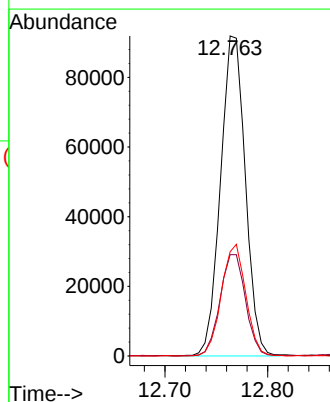
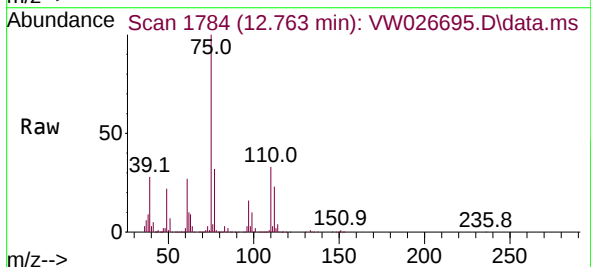
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

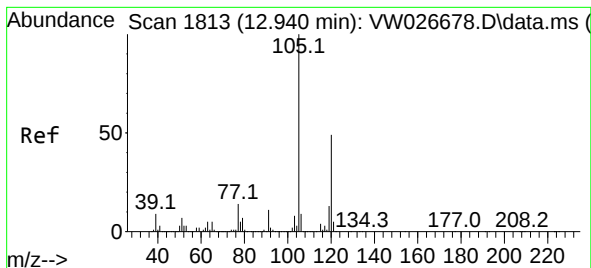
Tgt Ion:105 Resp: 888423
Ion Ratio Lower Upper
105 100
120 25.2 21.0 31.6
77 16.5 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 25.919 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion: 75 Resp: 154418
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
110 34.3 29.9 44.9

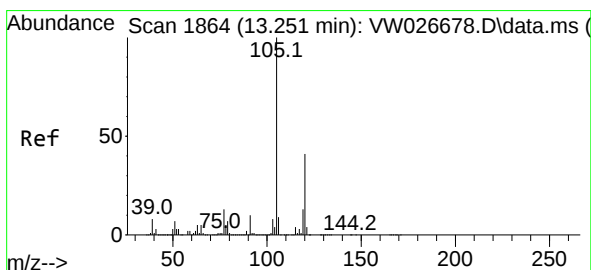
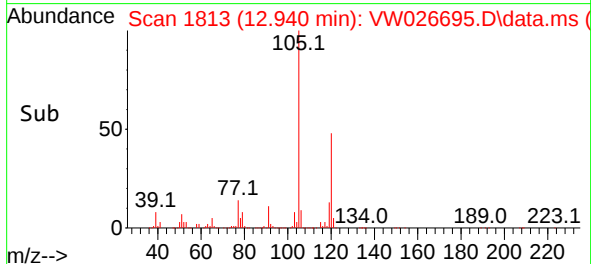
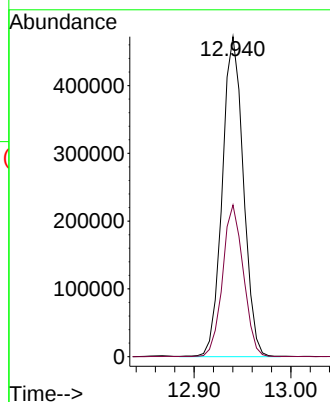
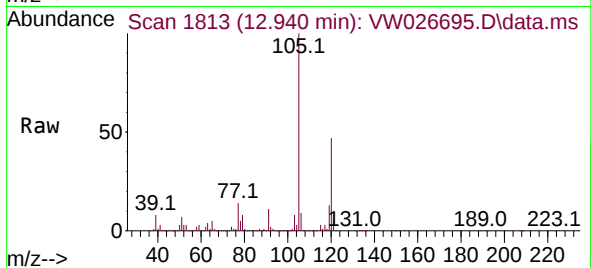




#62
1,3,5-Trimethylbenzene
Concen: 24.771 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

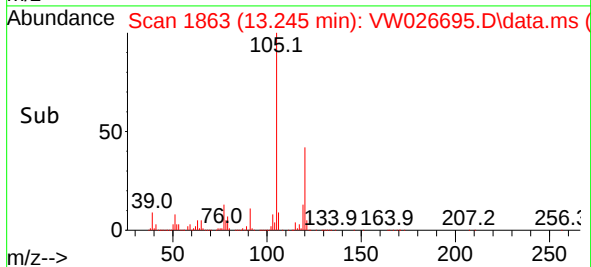
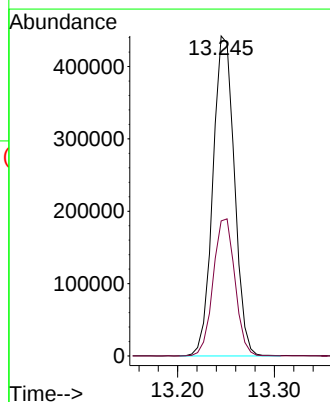
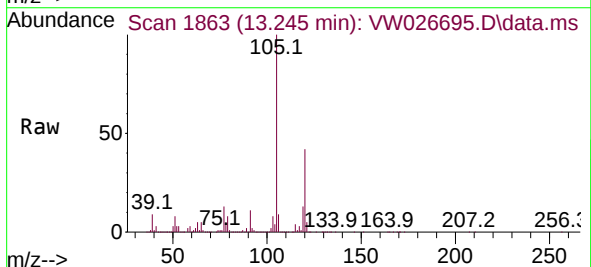
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

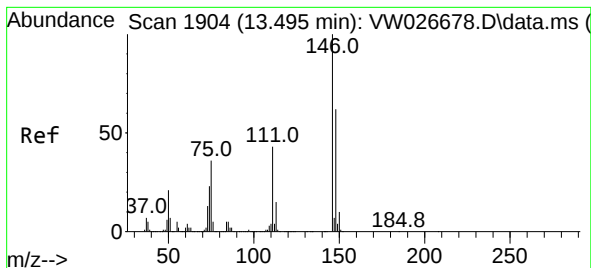
Tgt Ion:105 Resp: 714942
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 24.210 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion:105 Resp: 684740
Ion Ratio Lower Upper
105 100
120 43.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 22.119 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025574

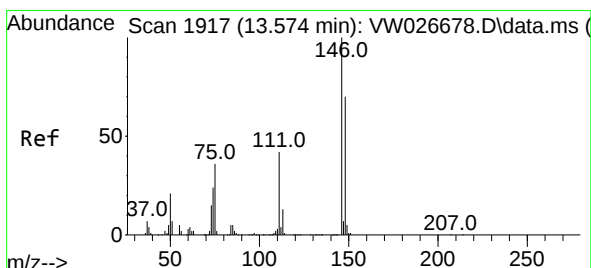
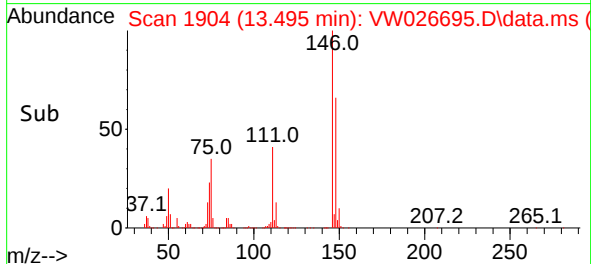
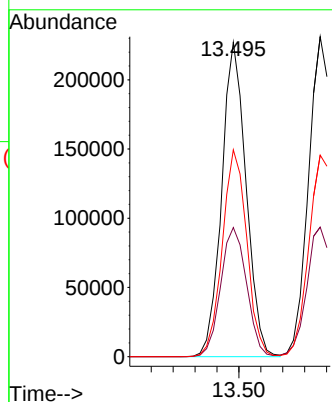
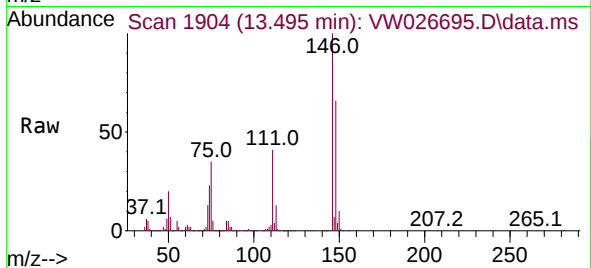
Tgt Ion:146 Resp: 351264

Ion Ratio Lower Upper

146 100

111 41.1 29.1 54.1

148 65.8 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 22.395 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

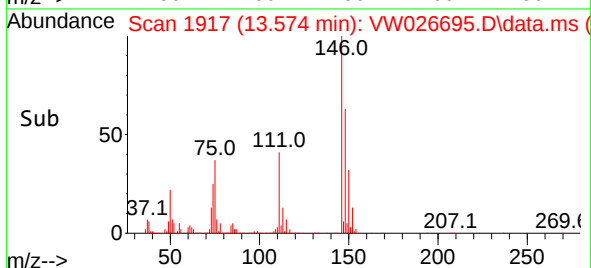
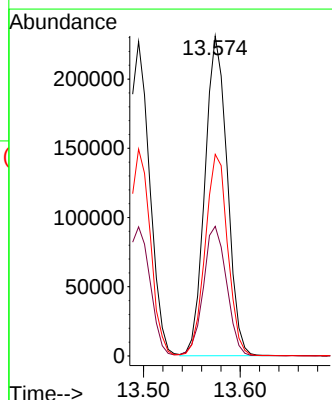
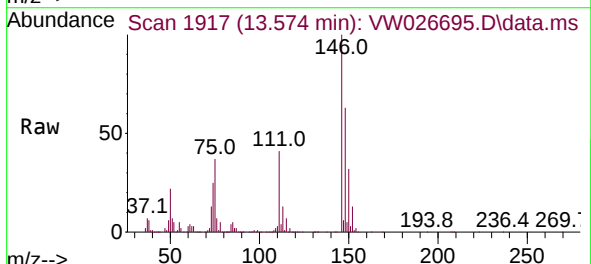
Tgt Ion:146 Resp: 371164

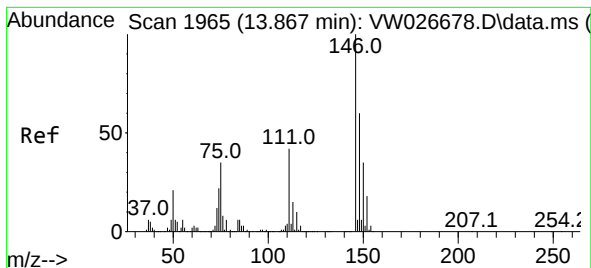
Ion Ratio Lower Upper

146 100

111 40.5 28.3 52.7

148 63.0 44.2 82.2

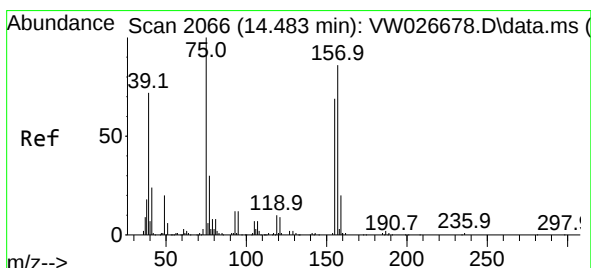
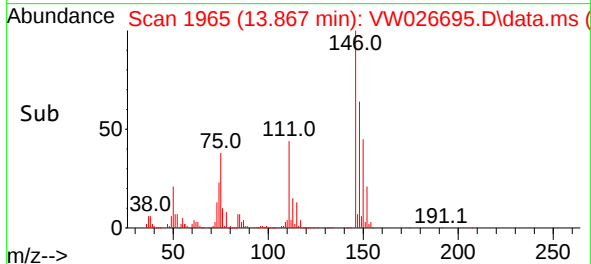
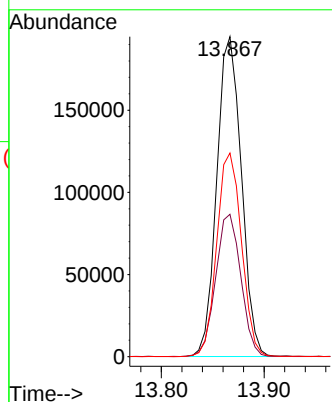
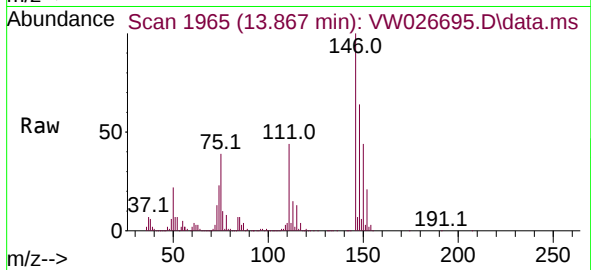




#67
1,2-Dichlorobenzene
Concen: 22.409 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

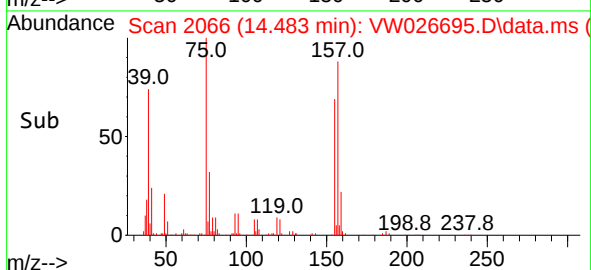
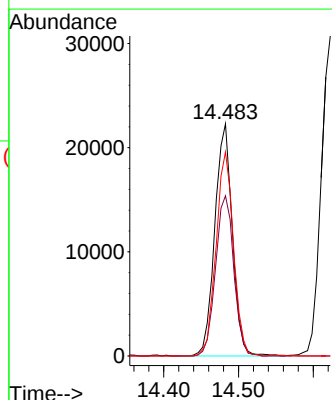
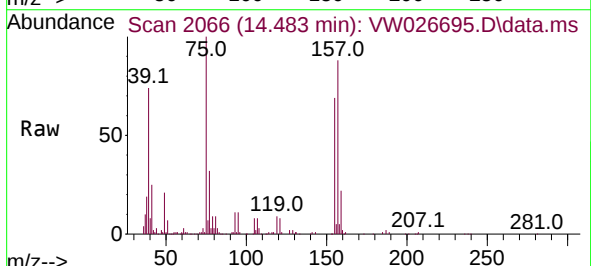
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

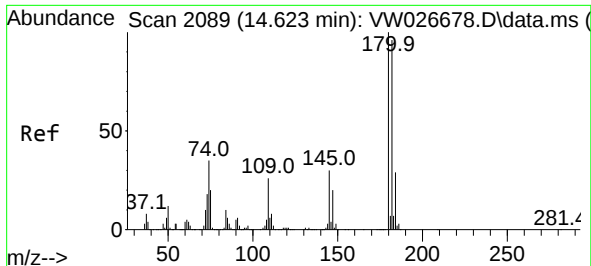
Tgt Ion:146 Resp: 323609
Ion Ratio Lower Upper
146 100
111 44.5 34.6 52.0
148 63.6 53.4 80.0



#68
1,2-Dibromo-3-chloropropane
Concen: 25.347 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion: 75 Resp: 36405
Ion Ratio Lower Upper
75 100
155 69.0 55.0 82.6
157 87.9 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 21.545 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026695.D

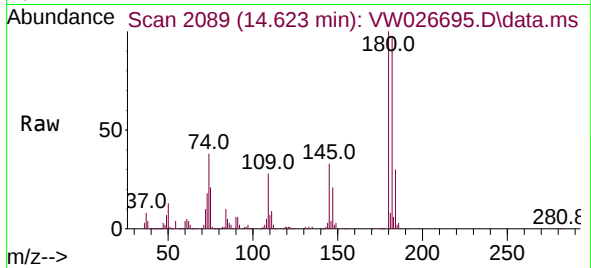
Acq: 10 Aug 2023 22:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025574



Tgt Ion:180 Resp: 231156

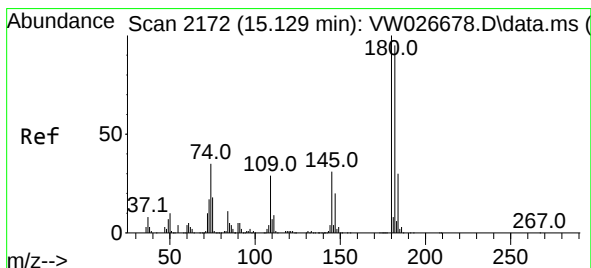
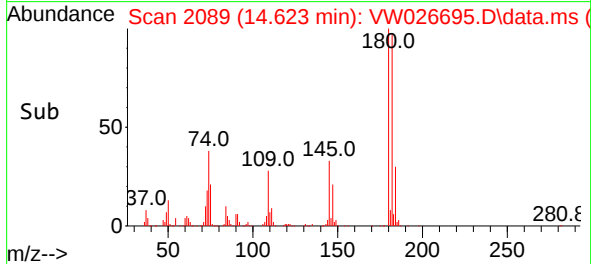
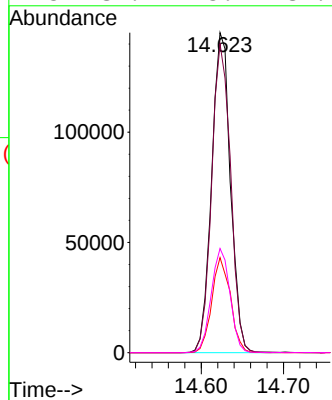
Ion Ratio Lower Upper

180 100

182 97.1 75.2 112.8

184 29.5 23.8 35.8

145 32.4 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 21.866 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026695.D

Acq: 10 Aug 2023 22:32

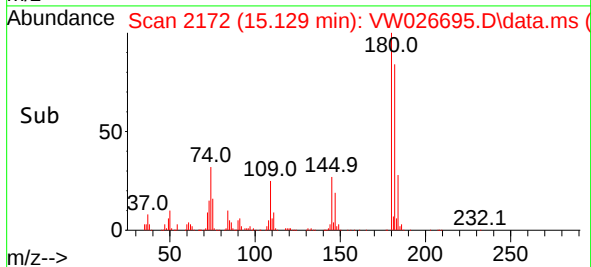
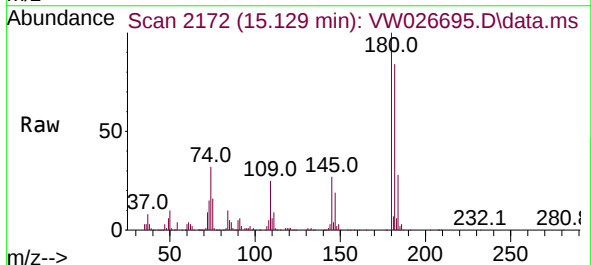
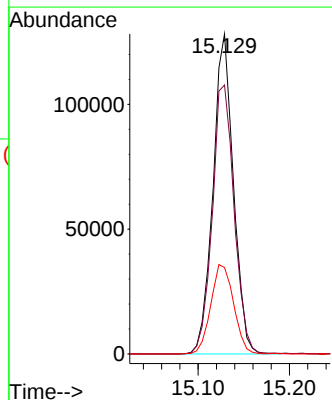
Tgt Ion:180 Resp: 198904

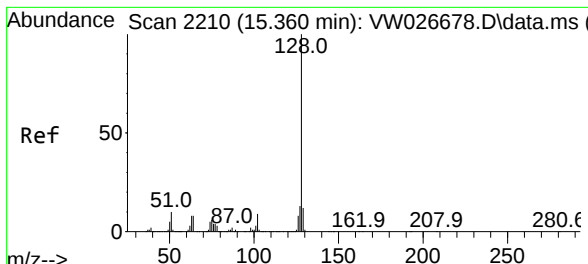
Ion Ratio Lower Upper

180 100

182 90.0 72.5 108.7

145 31.2 24.7 37.1

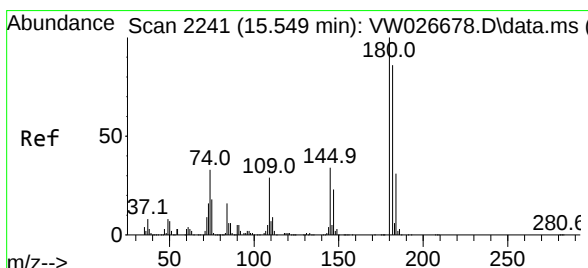
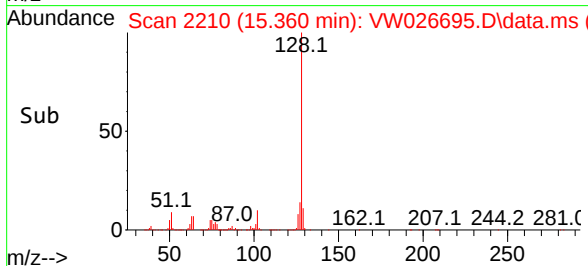
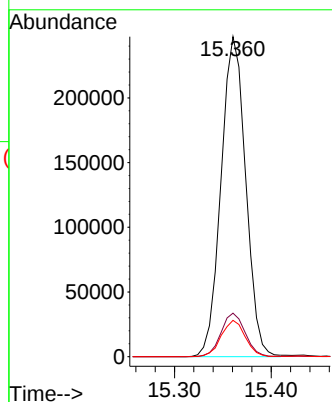
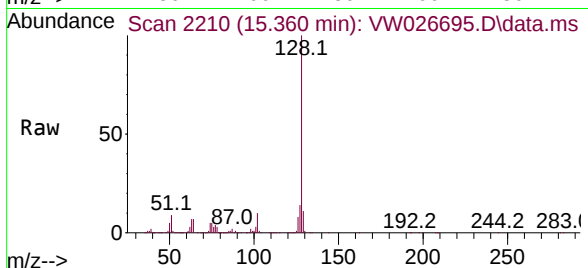




#71
Naphthalene
Concen: 25.210 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

Tgt Ion:128 Resp: 437453
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.1 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 22.567 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026695.D
Acq: 10 Aug 2023 22:32

Tgt Ion:180 Resp: 185162
Ion Ratio Lower Upper
180 100
182 90.5 74.6 112.0
145 33.2 27.0 40.6

