

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026433.D
 Acq On : 29 Jun 2023 13:07
 Operator : SY/MD
 Sample : VSTD02573
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025473

Quant Time: Jun 30 00:48:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 00:47:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	894192	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	762111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	366182	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	294836	28.969	ug/L	0.00
7) Chloroethane-d5	2.893	69	224322	27.077	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	144540	28.031	ug/L	0.00
21) 2-Butanone-d5	7.075	46	202070	52.689	ug/L	0.00
24) Chloroform-d	7.648	84	573388	26.308	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	318427	26.729	ug/L	0.00
32) Benzene-d6	8.276	84	1223859	27.612	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	389743	27.589	ug/L	0.00
41) Toluene-d8	10.324	98	1067290	27.260	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	153560	26.968	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	132156	55.940	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	294454	26.995	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	328867	25.792	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	155107	18.090	ug/L	# 78
3) Chloromethane	2.222	50	301016	24.473	ug/L	100
5) Vinyl chloride	2.374	62	306461	24.176	ug/L	100
6) Bromomethane	2.783	94	166403	23.063	ug/L	100
8) Chloroethane	2.929	64	179079	23.295	ug/L	100
9) Trichlorofluoromethane	3.265	101	222282	24.115	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	249282	24.715	ug/L	100
12) 1,1-Dichloroethene	4.045	96	241670	24.219	ug/L	100
13) Acetone	4.118	43	116046	42.694	ug/L	100
14) Carbon disulfide	4.392	76	802600	24.766	ug/L	100
15) Methyl Acetate	4.667	43	148165	25.105	ug/L	100
16) Methylene chloride	4.917	84	309046	20.562	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	262872	24.404	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	446679	25.374	ug/L	100
19) 1,1-Dichloroethane	6.215	63	533180	24.599	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	286952	23.519	ug/L	100
22) 2-Butanone	7.166	43	192225	43.135	ug/L	100
23) Bromochloromethane	7.514	128	118093	23.272	ug/L	100
25) Chloroform	7.672	83	480475	22.839	ug/L	100
27) 1,2-Dichloroethane	8.398	62	331227	23.027	ug/L	100
29) Cyclohexane	7.959	56	526795	24.383	ug/L	100
30) 1,1,1-Trichloroethane	7.873	97	383183	23.603	ug/L	100
31) Carbon tetrachloride	8.069	117	342307	23.419	ug/L	100
33) Benzene	8.325	78	1116647	23.397	ug/L	100
34) Trichloroethene	9.093	95	286664	23.579	ug/L	100
35) Methylcyclohexane	9.337	83	524009	24.194	ug/L	100
37) 1,2-Dichloropropane	9.367	63	303792	23.978	ug/L	100
38) Bromodichloromethane	9.641	83	336867	23.689	ug/L	100
39) cis-1,3-Dichloropropene	10.074	75	461550	24.340	ug/L	100
40) 4-Methyl-2-pentanone	10.208	43	416570	47.887	ug/L	100
42) Toluene	10.385	91	1161352	23.785	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	377208	24.339	ug/L	100

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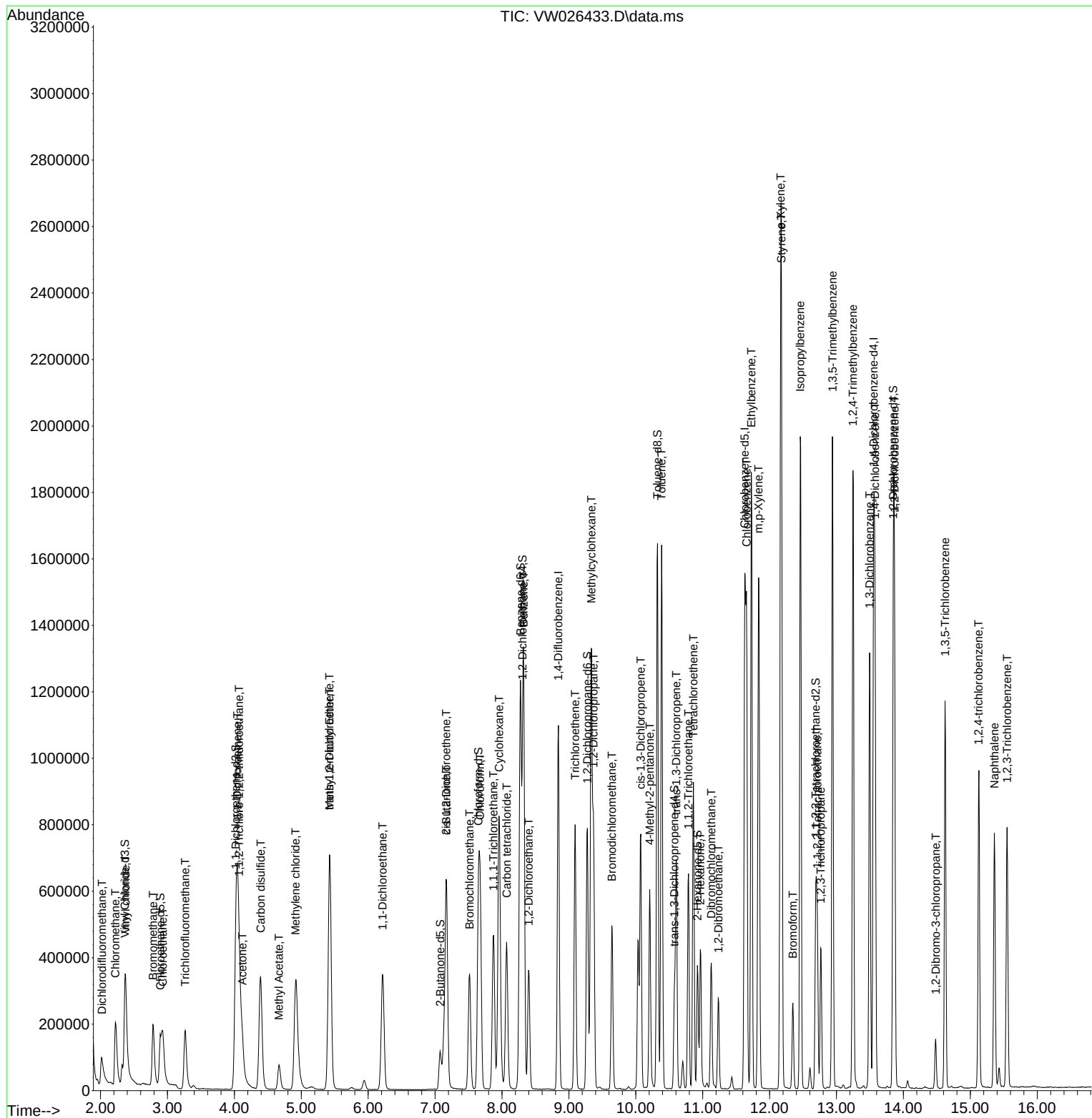
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	202237	23.433	ug/L	100
46) Tetrachloroethene	10.861	164	202534	23.563	ug/L	100
48) 2-Hexanone	10.964	43	295684	50.641	ug/L	100
49) Dibromochloromethane	11.129	129	202160	23.518	ug/L	100
50) 1,2-Dibromoethane	11.233	107	189553	23.885	ug/L	100
51) Chlorobenzene	11.653	112	695748	23.030	ug/L	100
52) Ethylbenzene	11.726	91	1301159	23.681	ug/L	100
53) m,p-Xylene	11.836	106	484616	23.786	ug/L	100
54) o-Xylene	12.165	106	457834	24.230	ug/L	100
55) Styrene	12.178	104	785737	24.361	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	252297	23.941	ug/L	100
59) Bromoform	12.348	173	117444	24.222	ug/L	100
60) Isopropylbenzene	12.458	105	1276574	23.901	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	184767	23.086	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1011353	23.812	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1008222	24.299	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	521448	23.269	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	494227	22.175	ug/L	100
67) 1,2-Dichlorobenzene	13.866	146	466360	22.997	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	39645	21.713	ug/L	100
69) 1,3,5-Trichlorobenzene	14.622	180	341572	22.391	ug/L	100
70) 1,2,4-trichlorobenzene	15.122	180	282830	21.422	ug/L	100
71) Naphthalene	15.360	128	625849	23.255	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	252240	22.216	ug/L	100

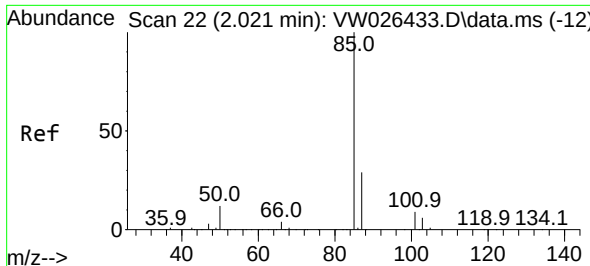
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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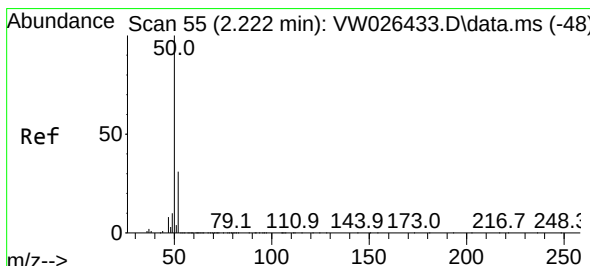
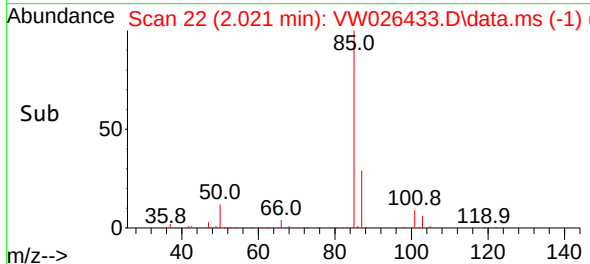
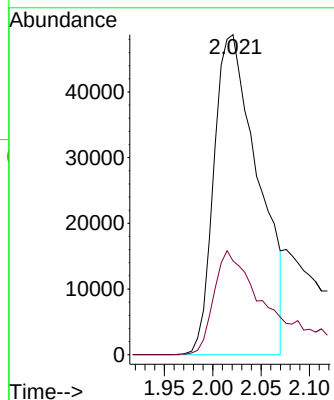
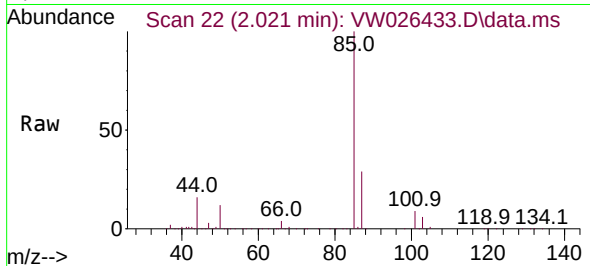




#2
Dichlorodifluoromethane
Concen: 18.090 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

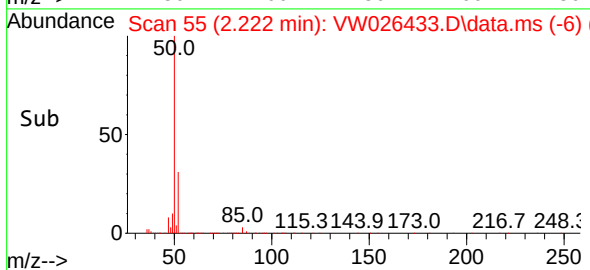
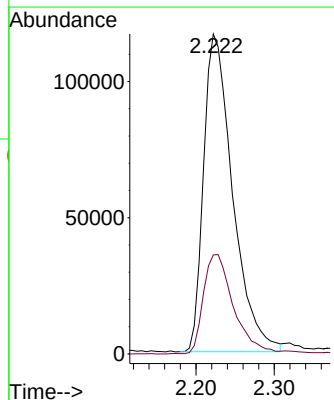
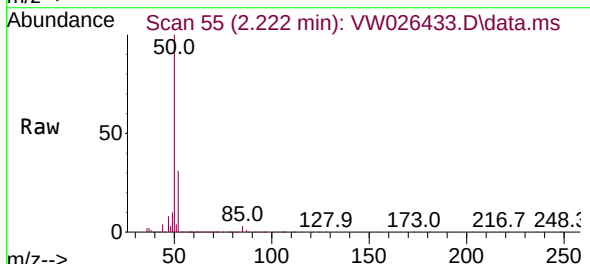
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

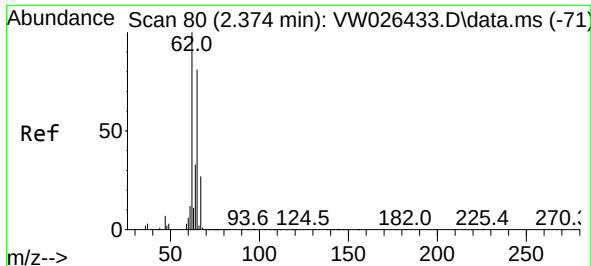
Tgt Ion: 85 Resp: 155107
Ion Ratio Lower Upper
85 100
87 34.4 19.0 28.4#



#3
Chloromethane
Concen: 24.473 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion: 50 Resp: 301016
Ion Ratio Lower Upper
50 100
52 31.0 21.7 40.3

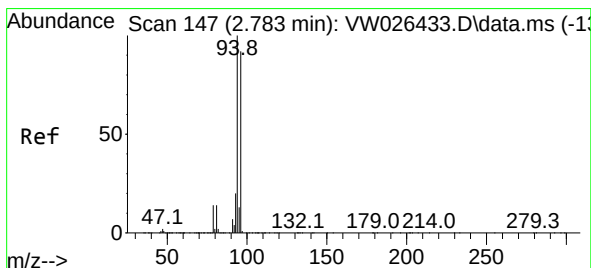
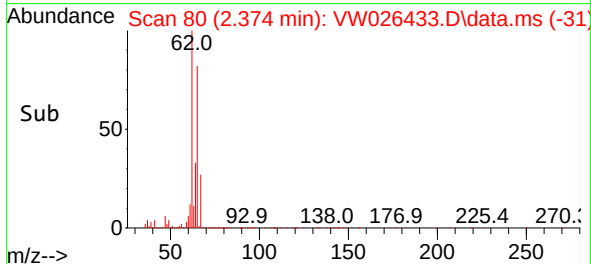
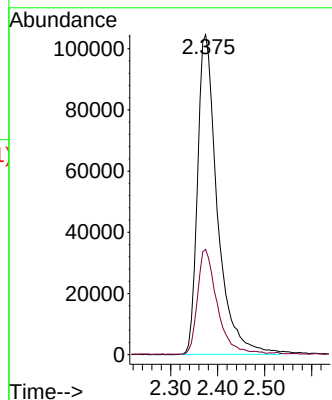
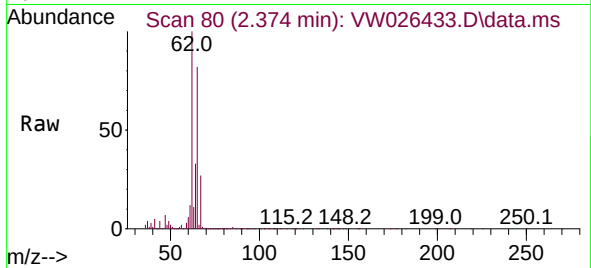




#5
 Vinyl chloride
 Concen: 24.176 ug/L
 RT: 2.374 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026433.D
 Acq: 29 Jun 2023 13:07

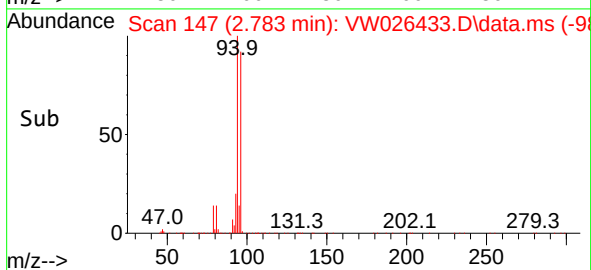
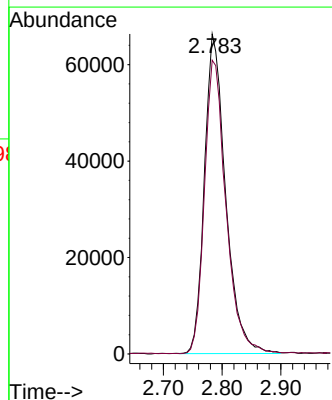
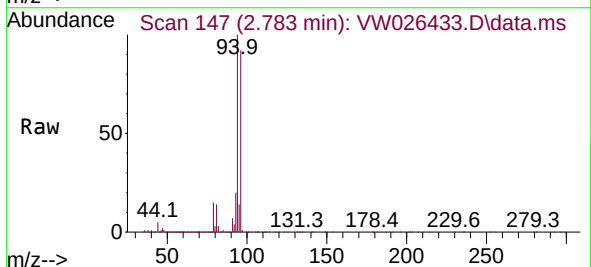
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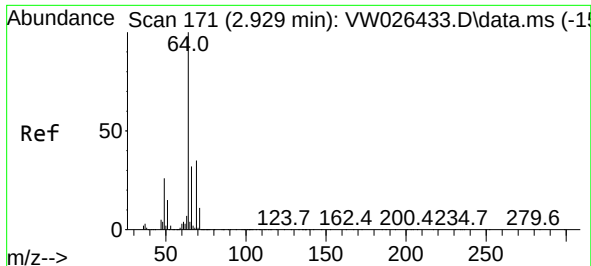
Tgt Ion: 62 Resp: 306461
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8



#6
 Bromomethane
 Concen: 23.063 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026433.D
 Acq: 29 Jun 2023 13:07

Tgt Ion: 94 Resp: 166403
 Ion Ratio Lower Upper
 94 100
 96 91.8 64.3 119.3

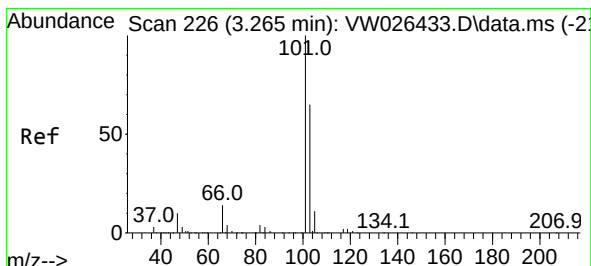
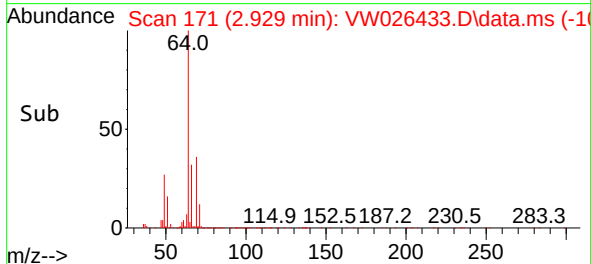
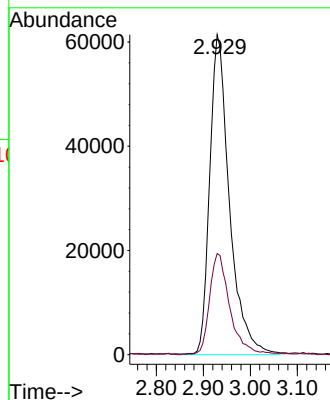
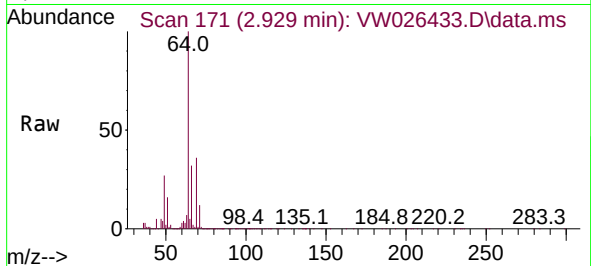




#8
Chloroethane
Concen: 23.295 ug/L
RT: 2.929 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

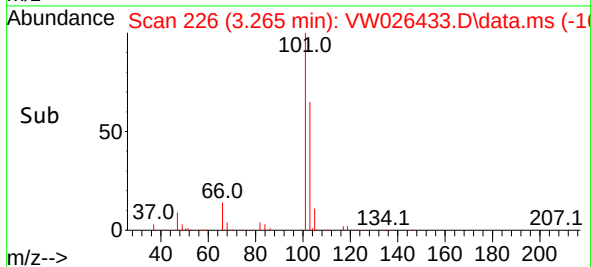
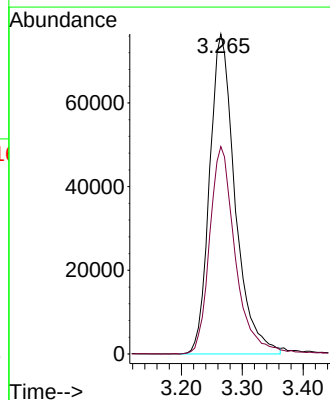
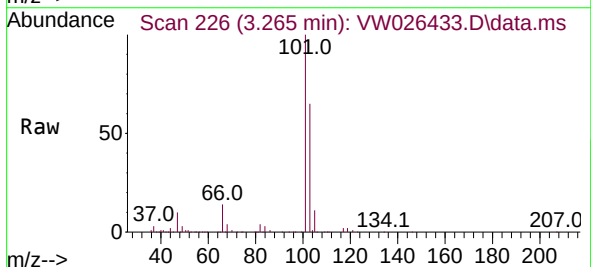
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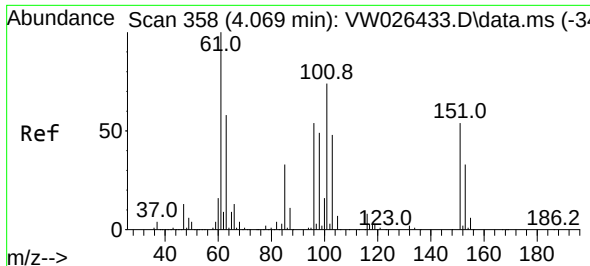
Tgt Ion: 64 Resp: 179079
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 24.115 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion: 101 Resp: 222282
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

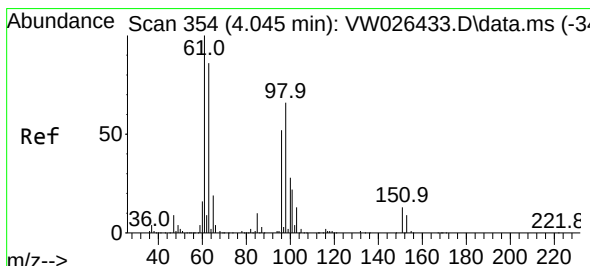
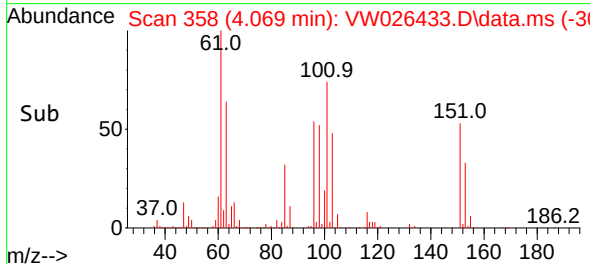
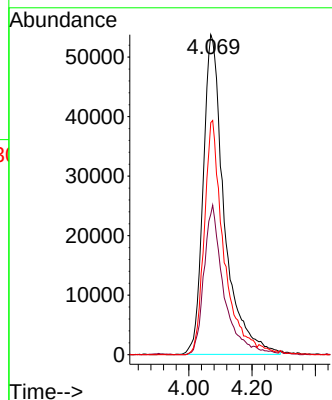
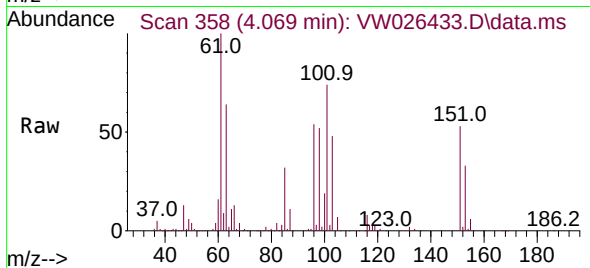




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.715 ug/L
 RT: 4.069 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026433.D
 Acq: 29 Jun 2023 13:07

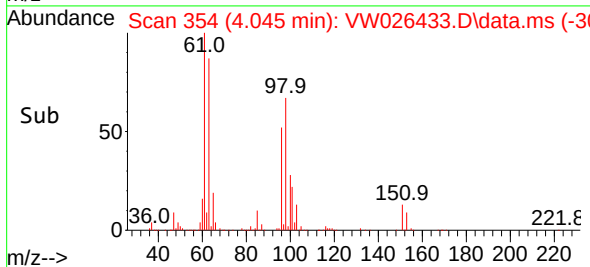
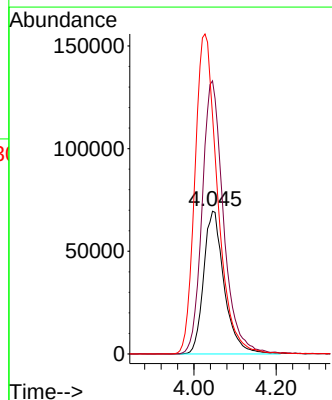
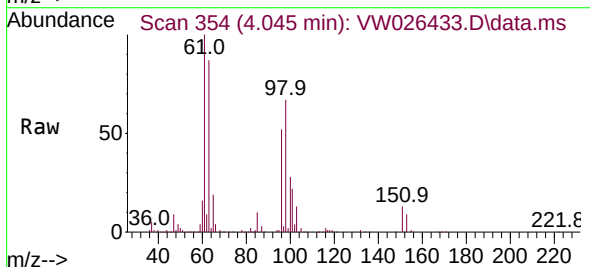
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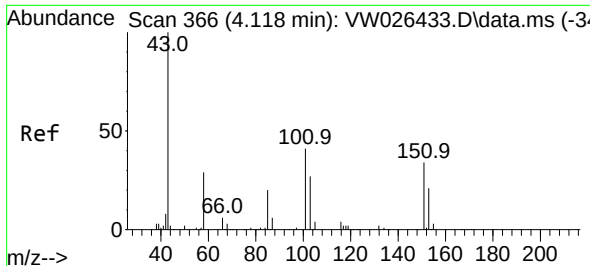
Tgt Ion:101 Resp: 249282
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.1 51.1
 151 67.1 53.7 80.5



#12
 1,1-Dichloroethene
 Concen: 24.219 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026433.D
 Acq: 29 Jun 2023 13:07

Tgt Ion: 96 Resp: 241670
 Ion Ratio Lower Upper
 96 100
 61 191.4 134.0 248.8
 63 167.3 117.1 217.5

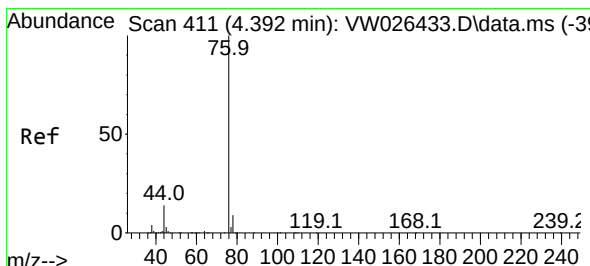
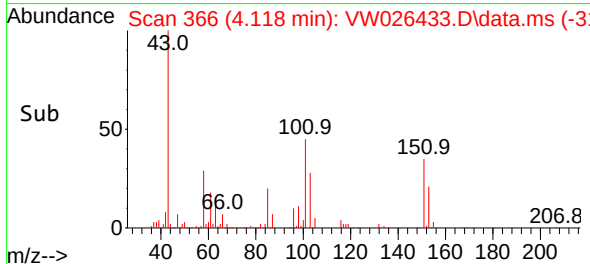
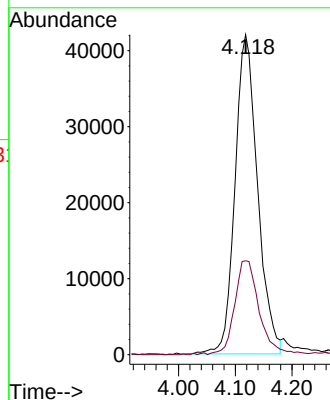
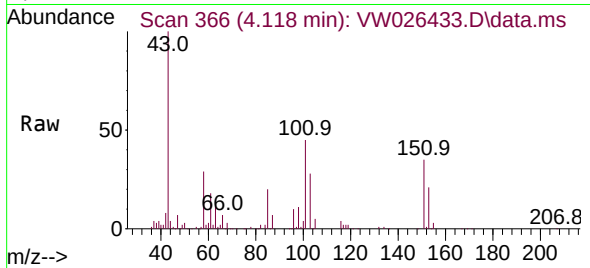




#13
Acetone
Concen: 42.694 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

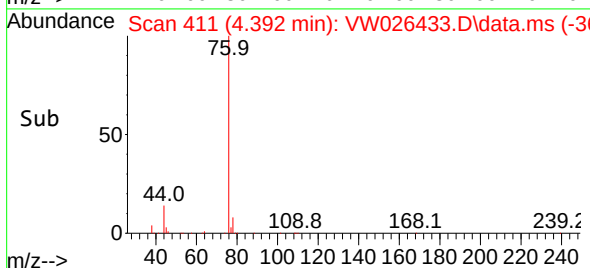
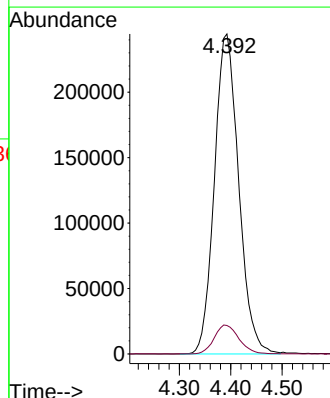
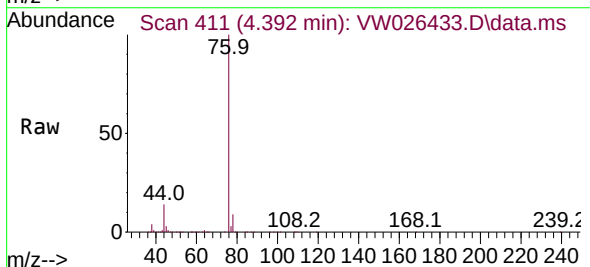
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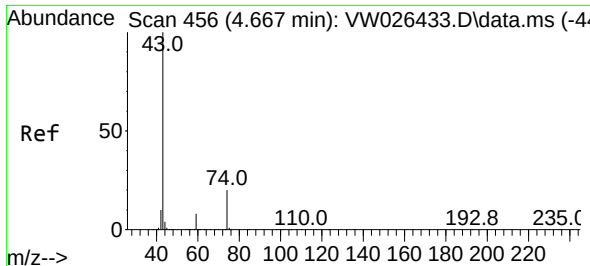
Tgt Ion: 43 Resp: 116046
Ion Ratio Lower Upper
43 100
58 31.6 0.0 63.2



#14
Carbon disulfide
Concen: 24.766 ug/L
RT: 4.392 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion: 76 Resp: 802600
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

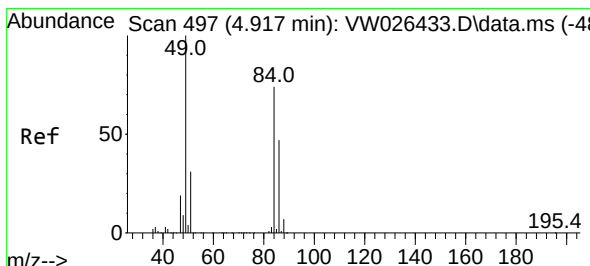
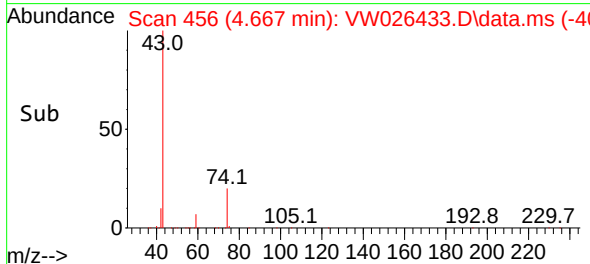
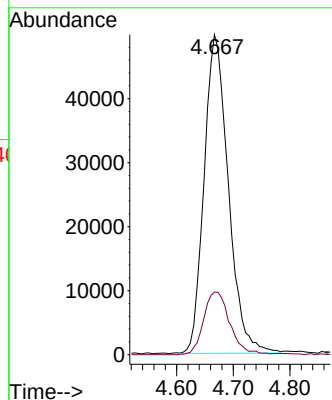
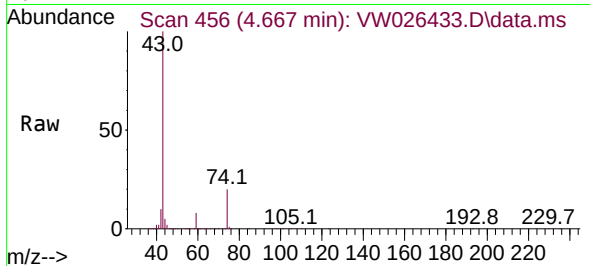




#15
Methyl Acetate
Concen: 25.105 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

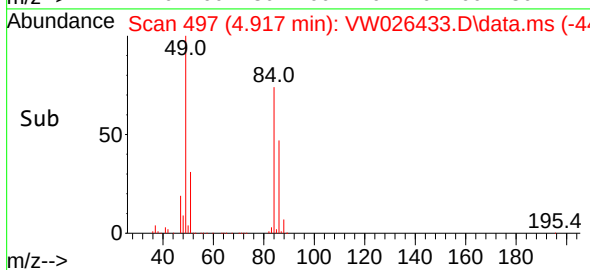
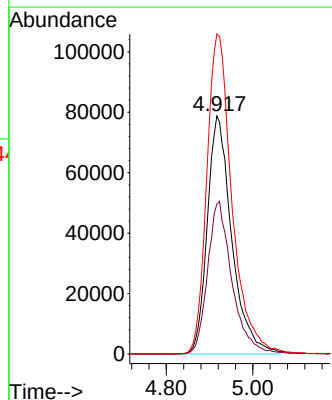
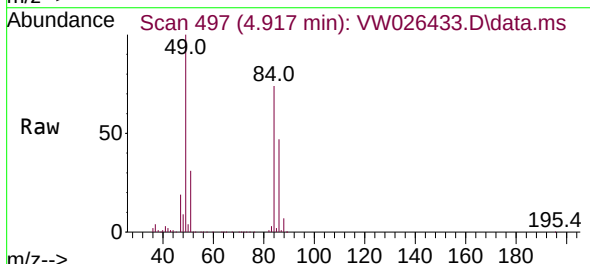
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

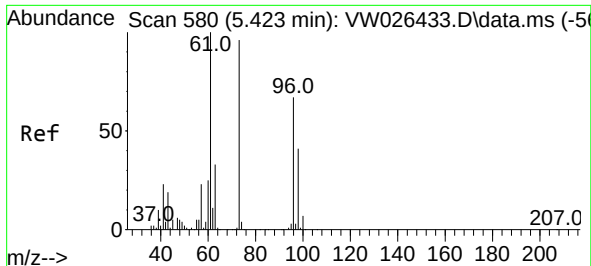
Tgt Ion: 43 Resp: 148165
Ion Ratio Lower Upper
43 100
74 20.7 16.6 24.8



#16
Methylene chloride
Concen: 20.562 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion: 84 Resp: 309046
Ion Ratio Lower Upper
84 100
86 63.0 44.1 81.9
49 134.5 94.1 174.8

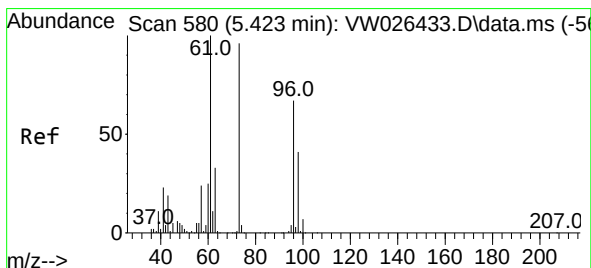
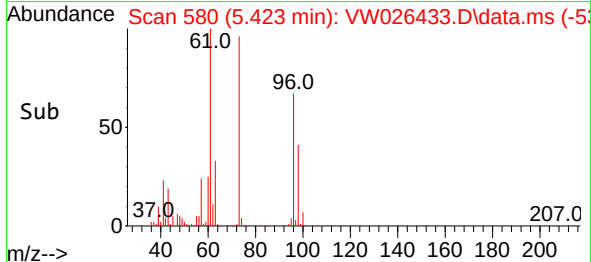
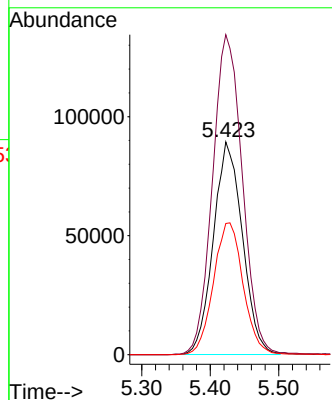
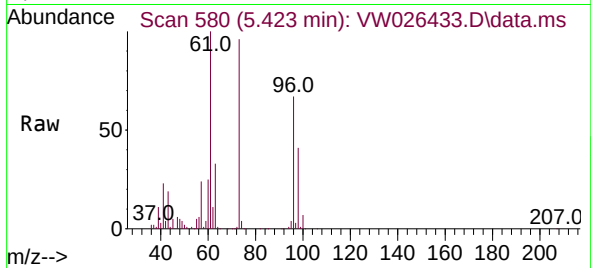




#17
trans-1,2-Dichloroethene
Concen: 24.404 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

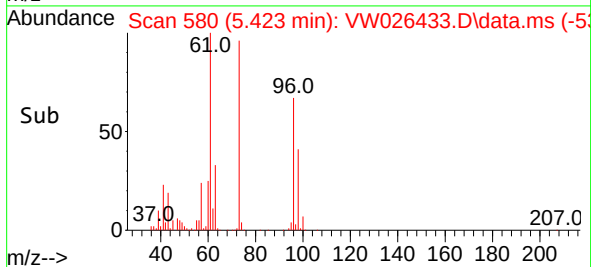
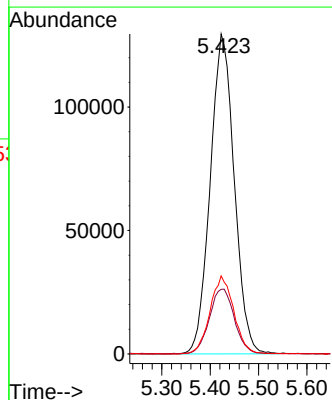
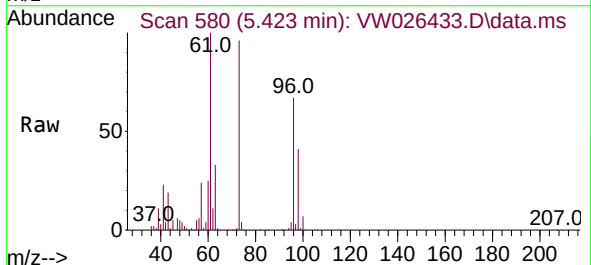
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

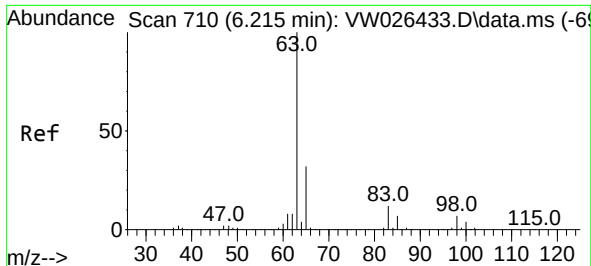
Tgt Ion: 96 Resp: 262872
Ion Ratio Lower Upper
96 100
61 150.3 105.2 195.4
98 61.7 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 25.374 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion: 73 Resp: 446679
Ion Ratio Lower Upper
73 100
43 20.8 16.6 25.0
57 24.1 19.3 28.9

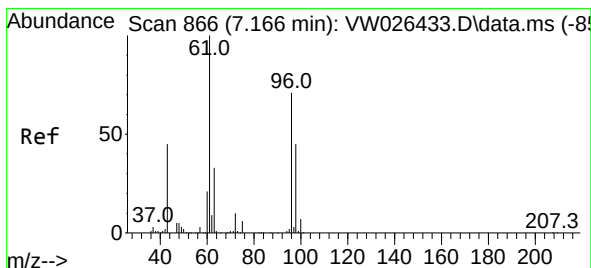
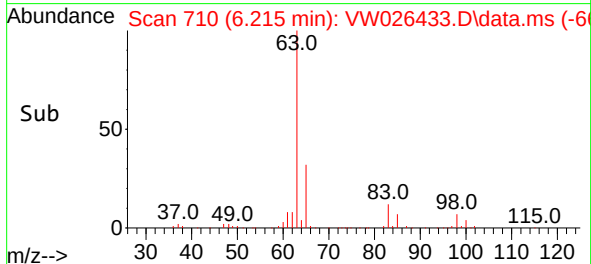
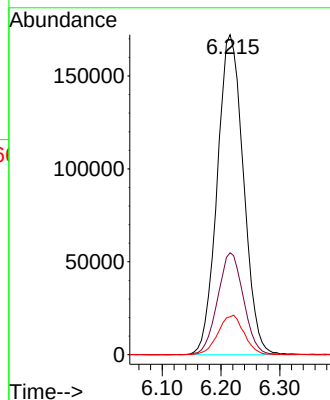
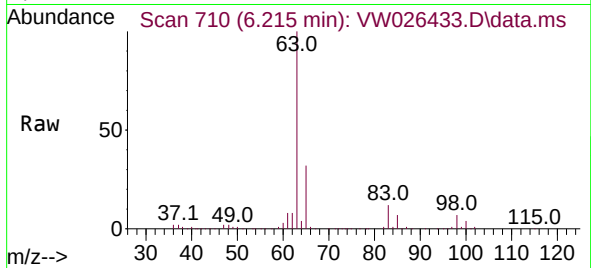




#19
1,1-Dichloroethane
Concen: 24.599 ug/L
RT: 6.215 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

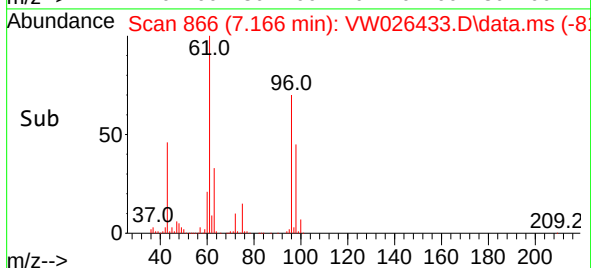
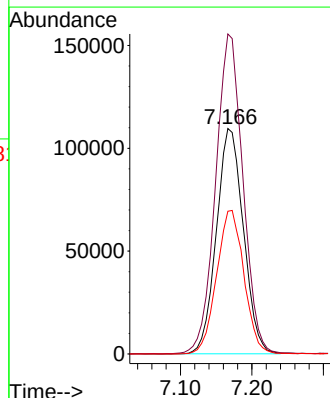
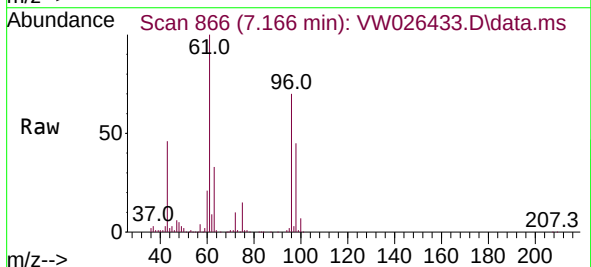
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

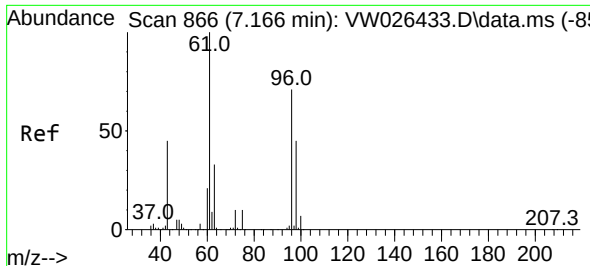
Tgt Ion: 63 Resp: 533180
Ion Ratio Lower Upper
63 100
65 31.9 22.3 41.5
83 11.8 8.3 15.3



#20
cis-1,2-Dichloroethene
Concen: 23.519 ug/L
RT: 7.166 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion: 96 Resp: 286952
Ion Ratio Lower Upper
96 100
61 141.9 99.3 184.5
98 63.3 44.3 82.3

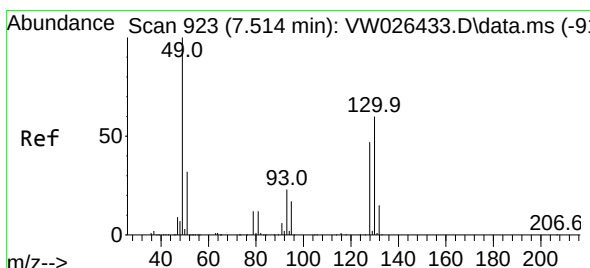
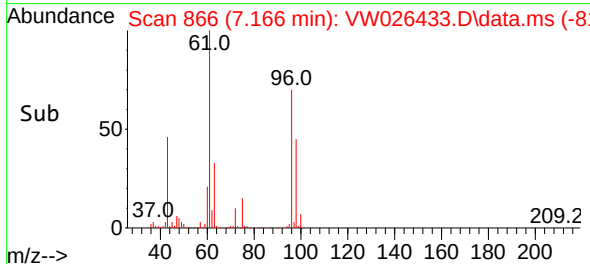
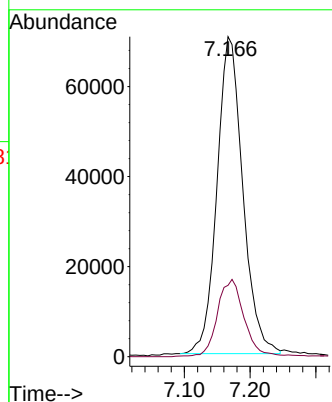
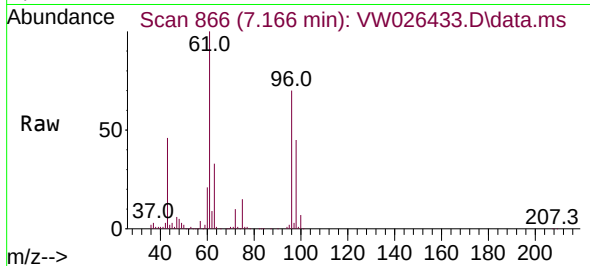




#22
2-Butanone
Concen: 43.135 ug/L
RT: 7.166 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

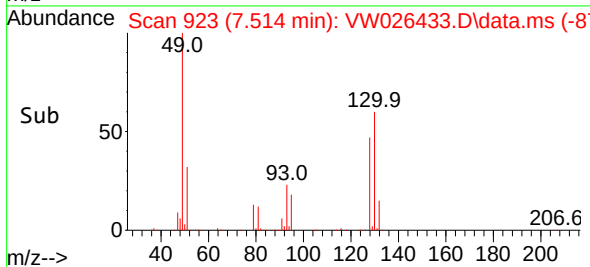
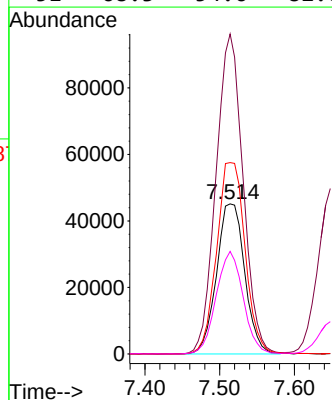
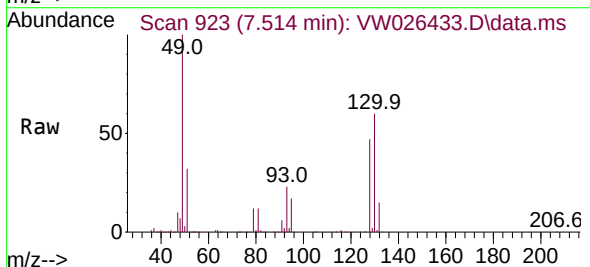
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

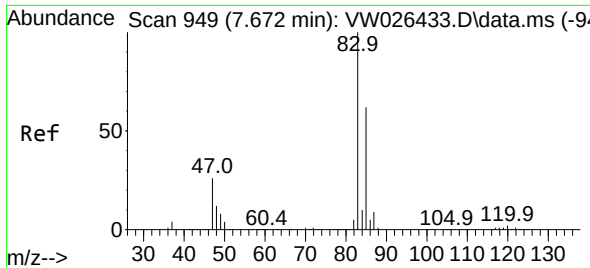
Tgt Ion: 43 Resp: 192225
Ion Ratio Lower Upper
43 100
72 25.2 12.6 37.8



#23
Bromochloromethane
Concen: 23.272 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion: 128 Resp: 118093
Ion Ratio Lower Upper
128 100
49 213.2 149.2 277.2
130 127.5 89.2 165.8
51 68.3 54.6 82.0

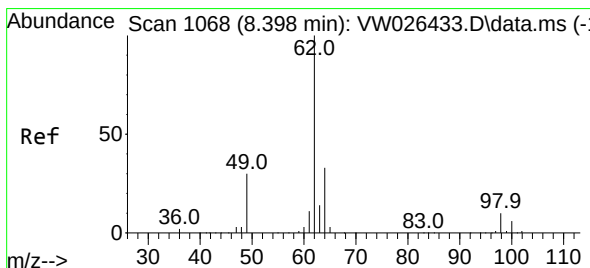
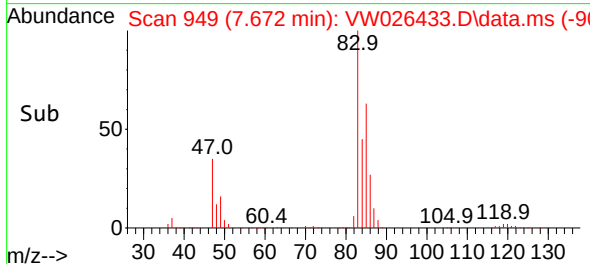
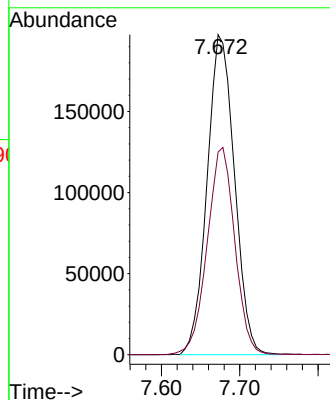
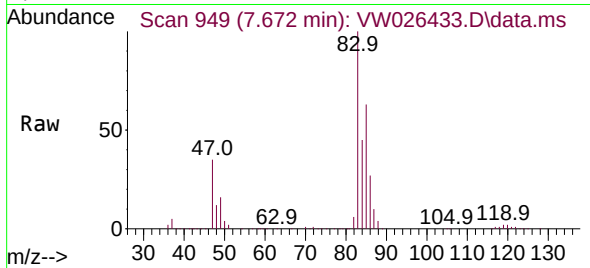




#25
Chloroform
Concen: 22.839 ug/L
RT: 7.672 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

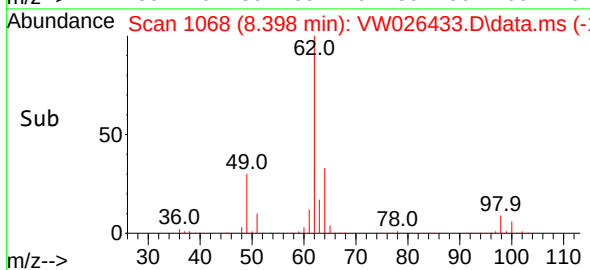
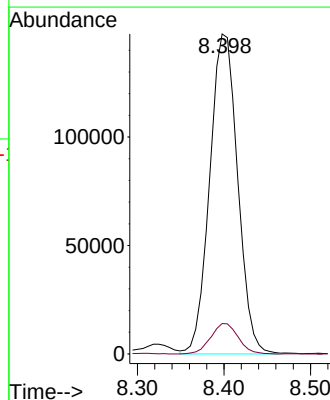
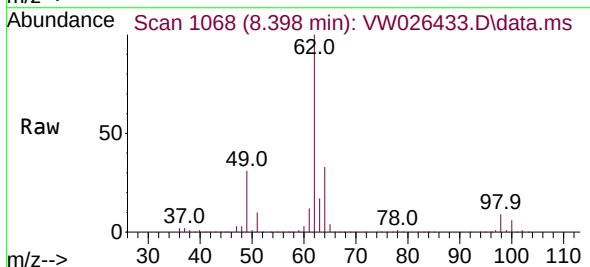
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

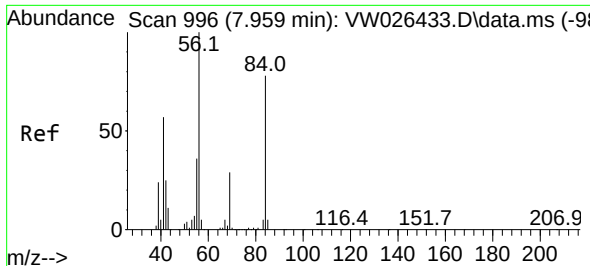
Tgt Ion: 83 Resp: 480475
Ion Ratio Lower Upper
83 100
85 63.4 44.4 82.4



#27
1,2-Dichloroethane
Concen: 23.027 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

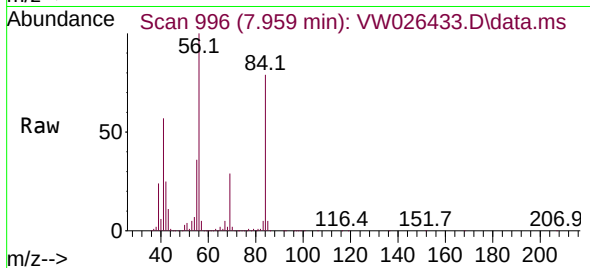
Tgt Ion: 62 Resp: 331227
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4



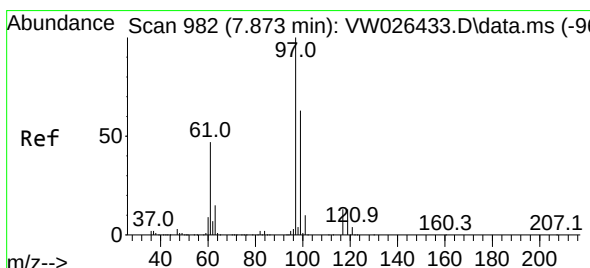
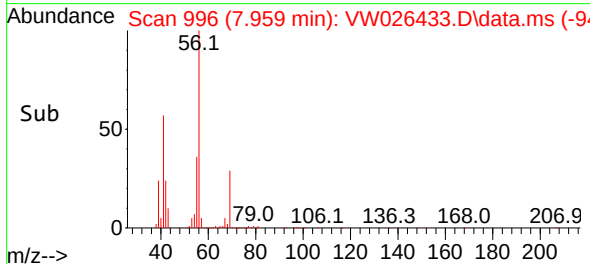
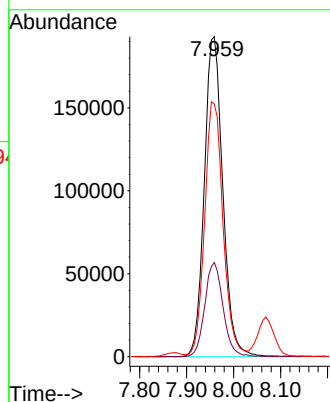


#29
Cyclohexane
Concen: 24.383 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

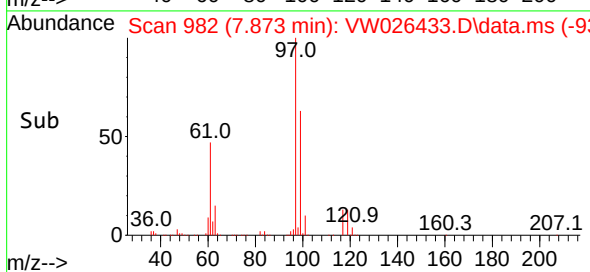
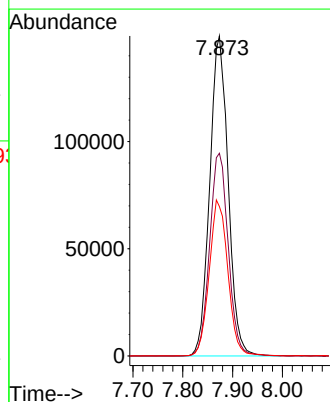
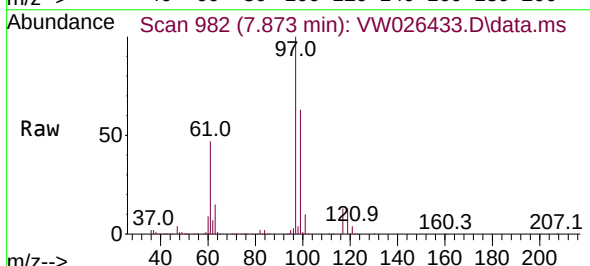


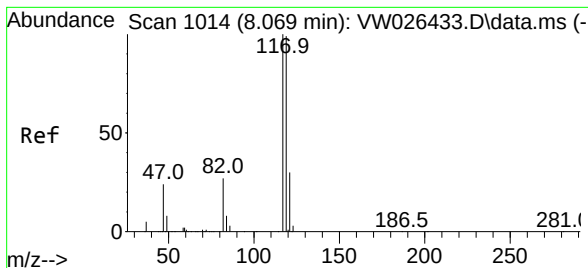
Tgt Ion:	56	Resp:	526795
Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.2	34.8
84	79.4	63.5	95.3



#30
1,1,1-Trichloroethane
Concen: 23.603 ug/L
RT: 7.873 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion:	97	Resp:	383183
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	49.4	39.5	59.3

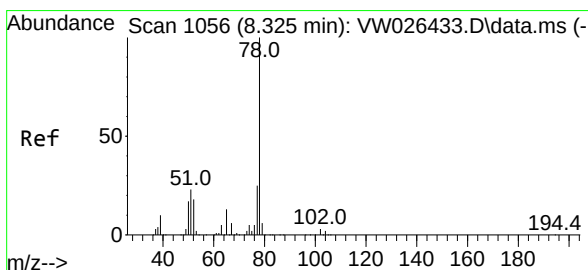
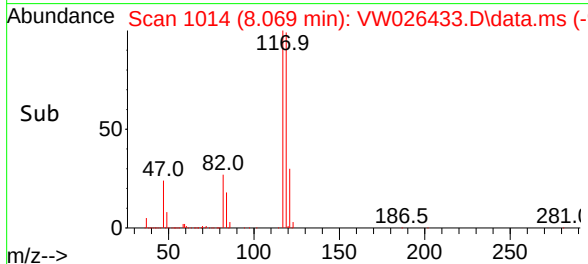
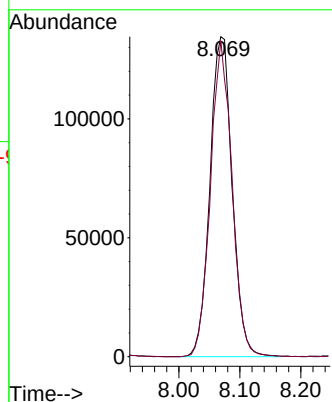
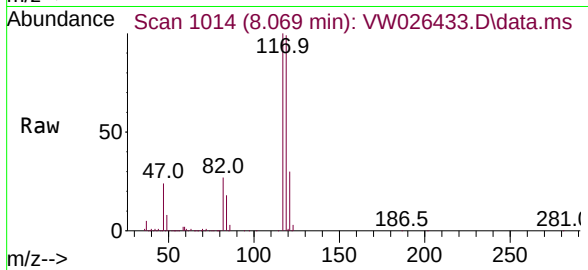




#31
Carbon tetrachloride
Concen: 23.419 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

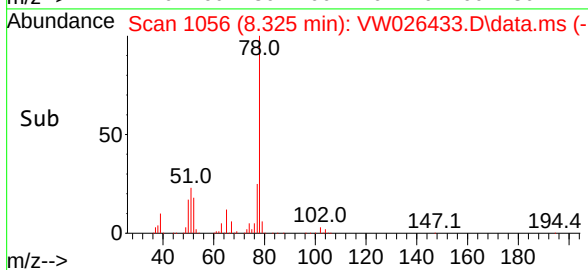
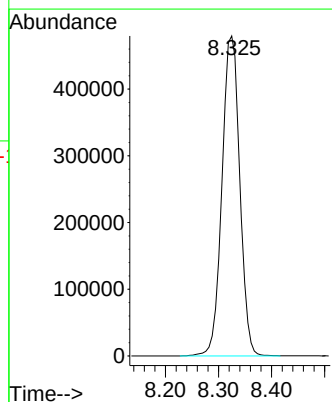
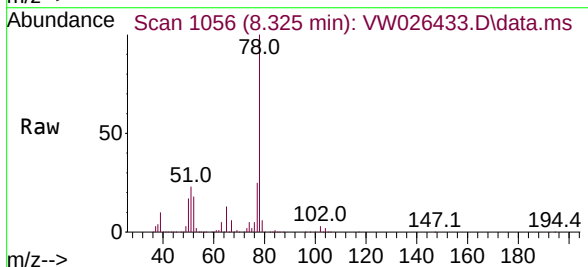
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

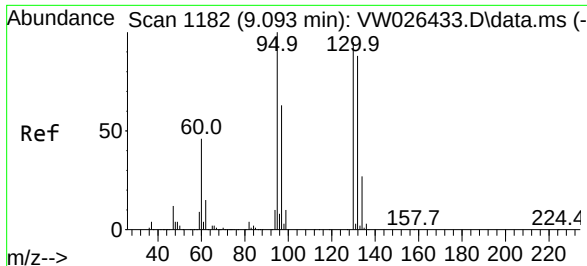
Tgt Ion:117 Resp: 342307
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2



#33
Benzene
Concen: 23.397 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion: 78 Resp: 1116647



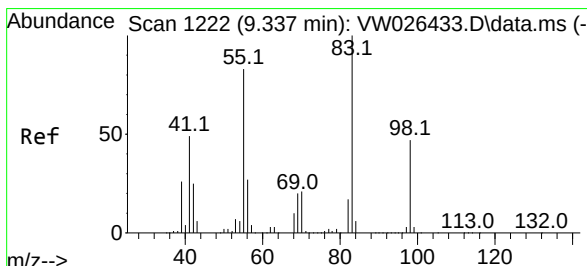
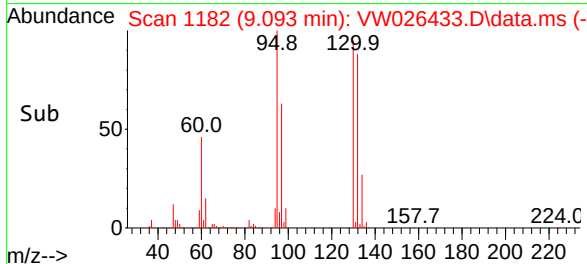
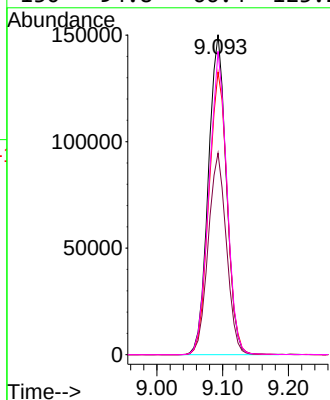
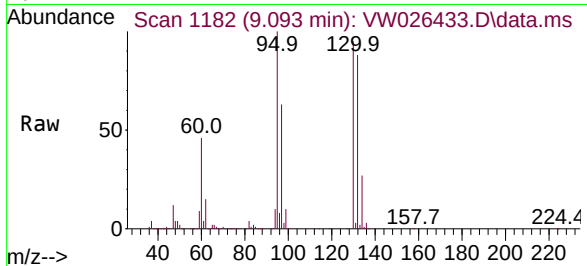


#34
Trichloroethene
Concen: 23.579 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

Tgt Ion: 95 Resp: 286664

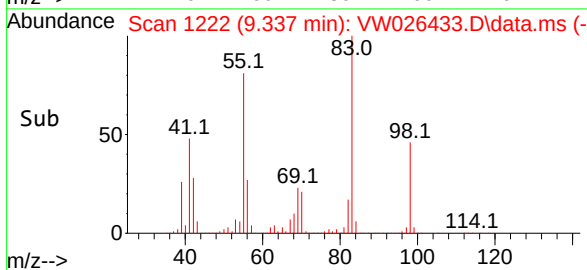
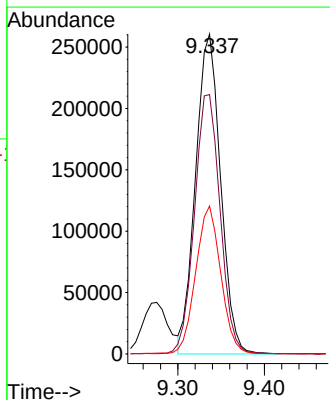
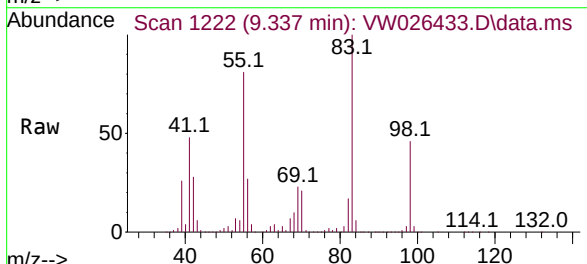
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.1	81.9
132	88.3	61.8	114.8
130	94.8	66.4	123.2

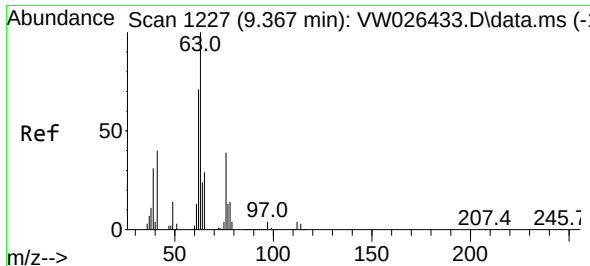


#35
Methylcyclohexane
Concen: 24.194 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion: 83 Resp: 524009

Ion	Ratio	Lower	Upper
83	100		
55	83.1	66.5	99.7
98	46.3	37.0	55.6





#37

1,2-Dichloropropane

Concen: 23.978 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

Instrument :

MSVOA_W

ClientSampleId :

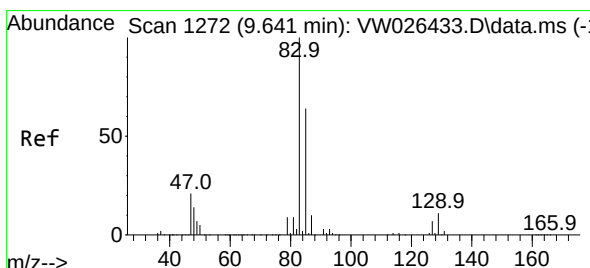
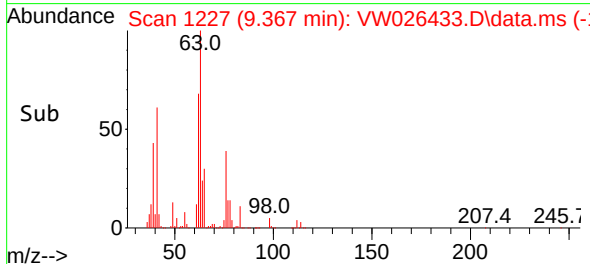
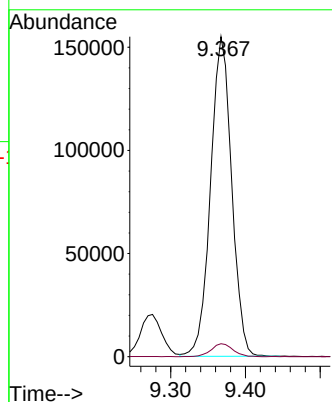
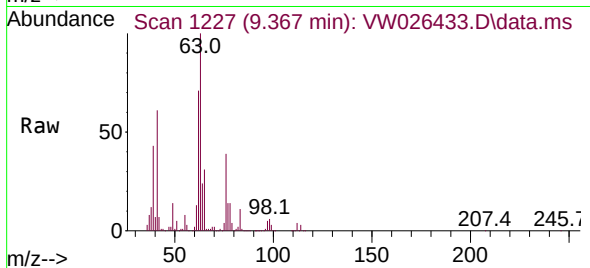
VSTD025473

Tgt Ion: 63 Resp: 303792

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 23.689 ug/L

RT: 9.641 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

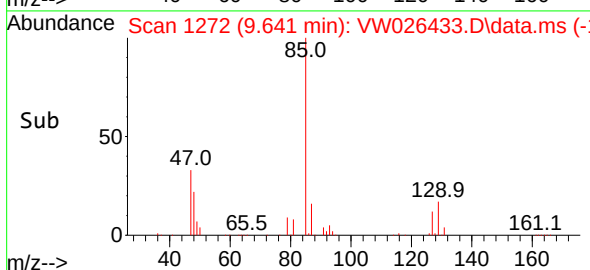
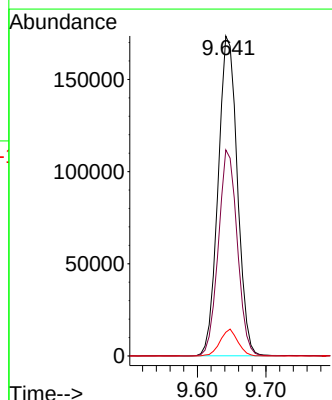
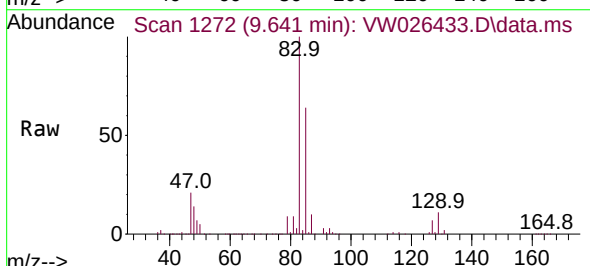
Tgt Ion: 83 Resp: 336867

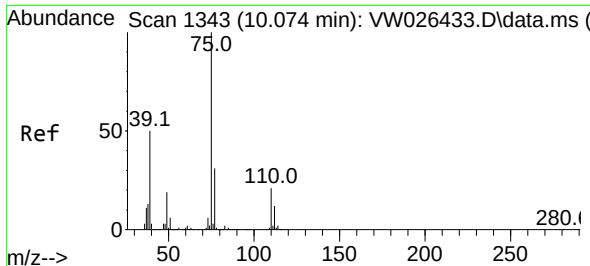
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

127 7.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 24.340 ug/L

RT: 10.074 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

Instrument :

MSVOA_W

ClientSampleId :

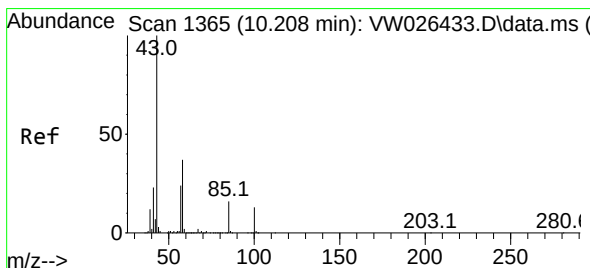
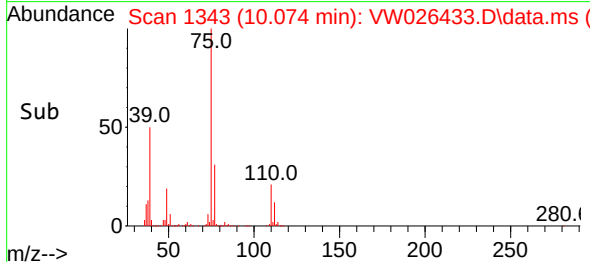
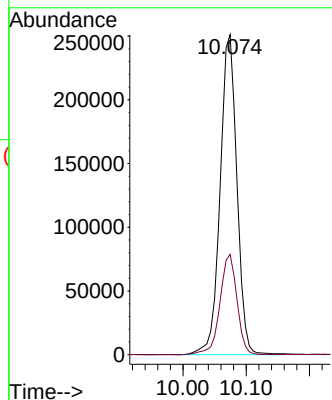
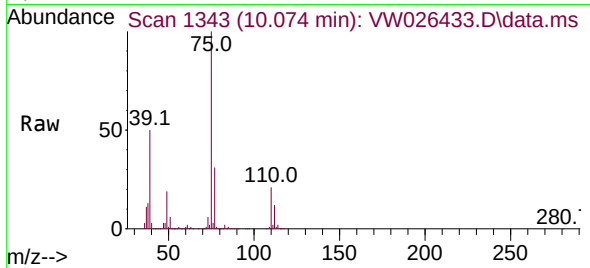
VSTD025473

Tgt Ion: 75 Resp: 461550

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 47.887 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

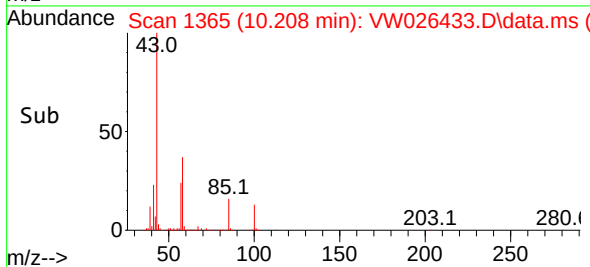
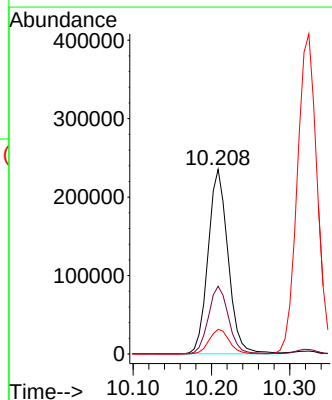
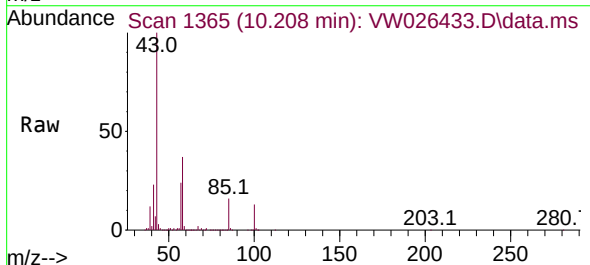
Tgt Ion: 43 Resp: 416570

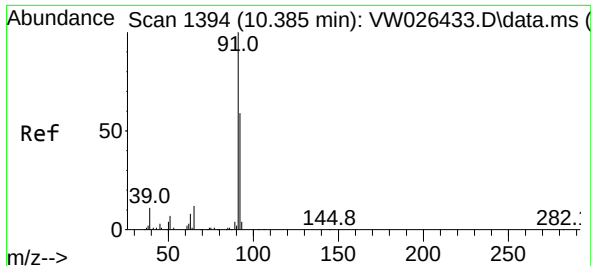
Ion Ratio Lower Upper

43 100

58 37.1 29.7 44.5

100 13.6 10.9 16.3

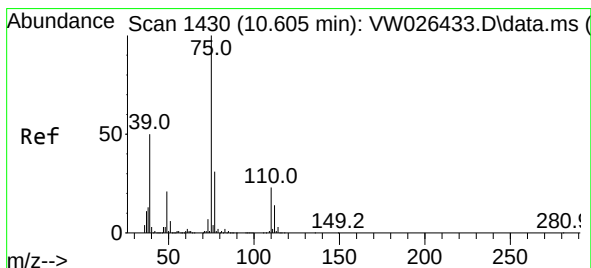
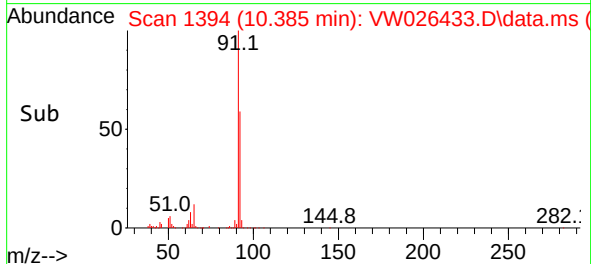
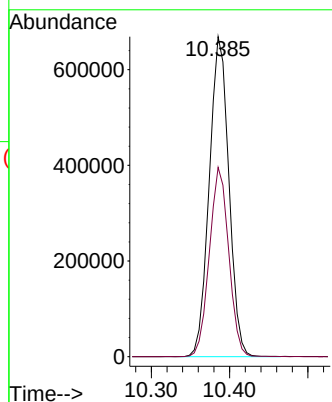
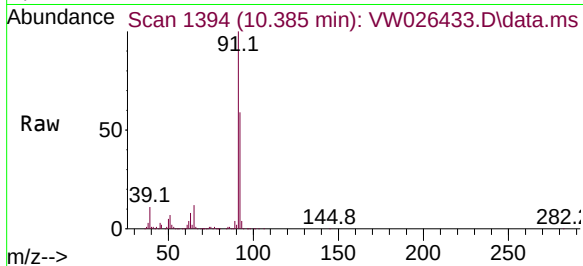




#42
Toluene
Concen: 23.785 ug/L
RT: 10.385 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

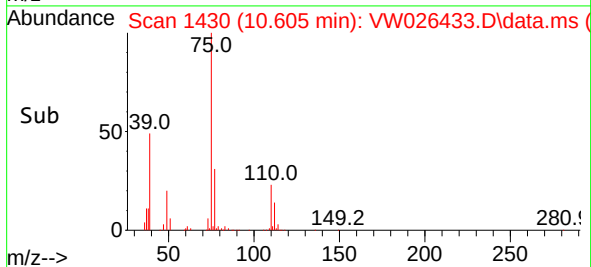
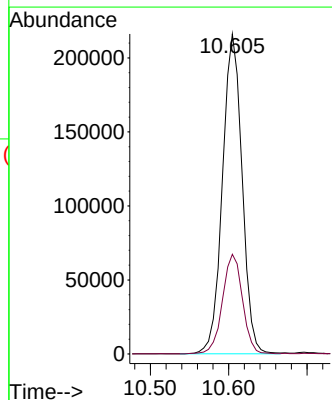
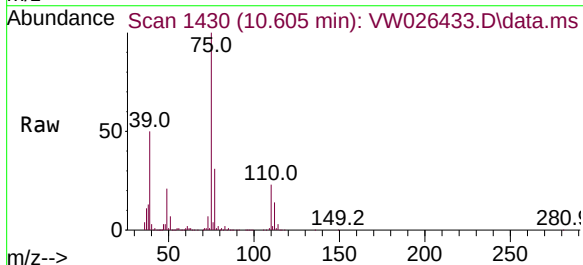
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

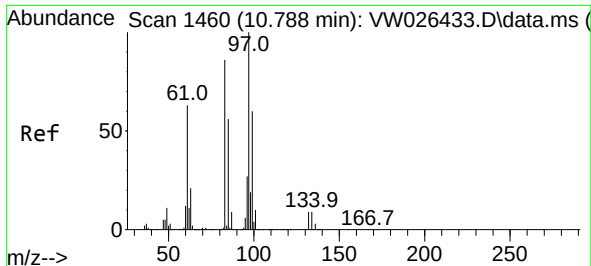
Tgt Ion: 91 Resp: 1161352
Ion Ratio Lower Upper
91 100
92 59.1 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 24.339 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion: 75 Resp: 377208
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.6



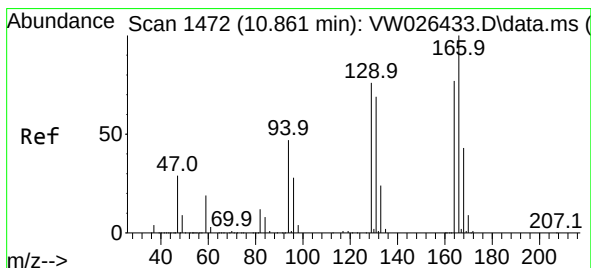
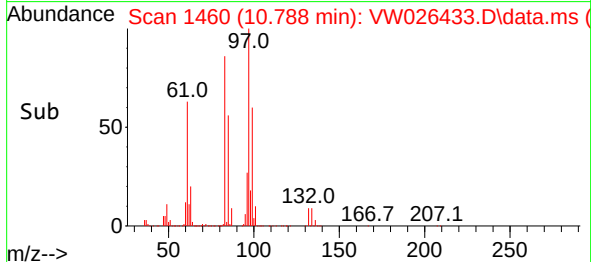
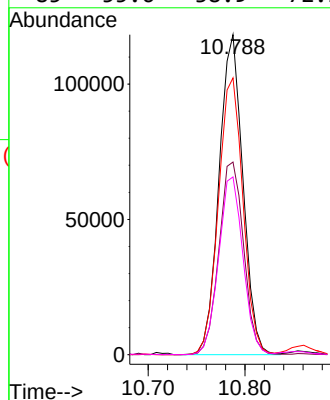
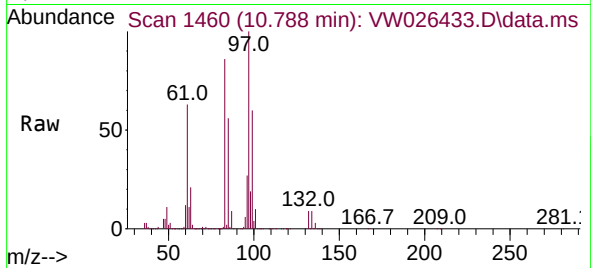


#45
1,1,2-Trichloroethane
Concen: 23.433 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

Tgt Ion: 97 Resp: 202237

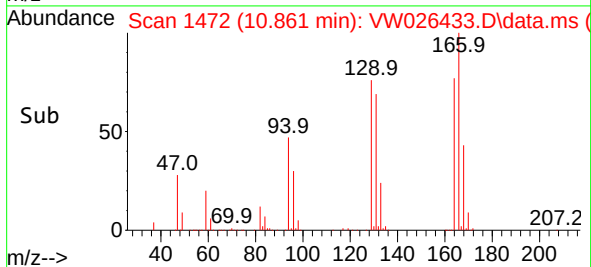
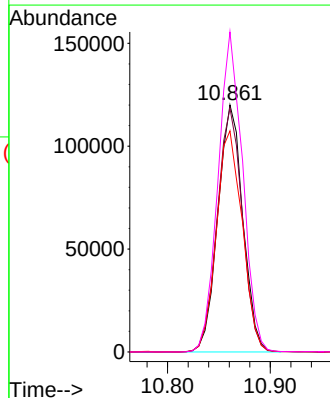
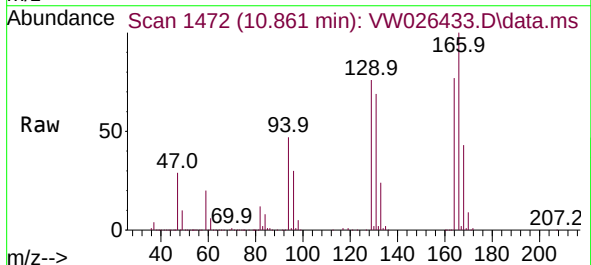
Ion	Ratio	Lower	Upper
97	100		
99	60.2	42.1	78.3
83	86.5	60.5	112.5
85	55.6	38.9	72.3

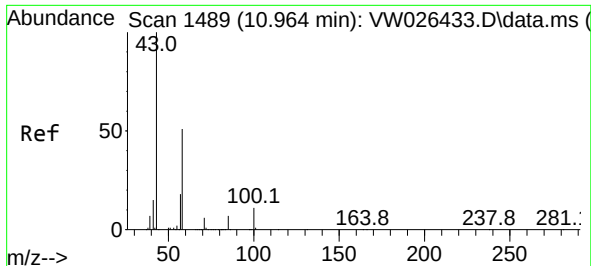


#46
Tetrachloroethene
Concen: 23.563 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion: 164 Resp: 202534

Ion	Ratio	Lower	Upper
164	100		
129	98.6	69.0	128.2
131	89.5	62.6	116.3
166	129.5	90.6	168.3

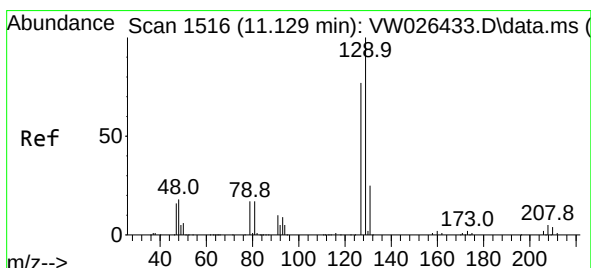
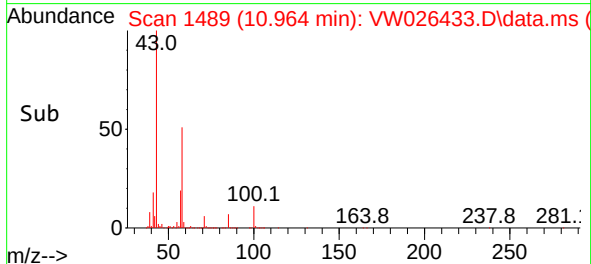
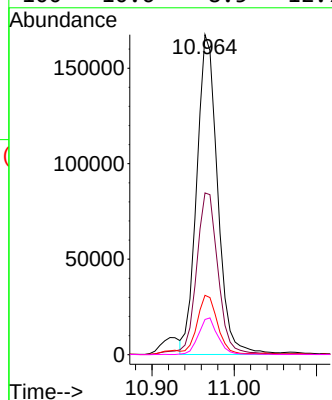
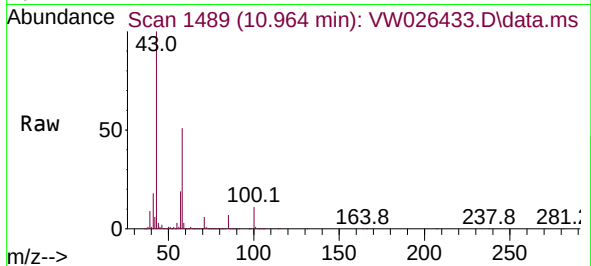




#48
2-Hexanone
Concen: 50.641 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

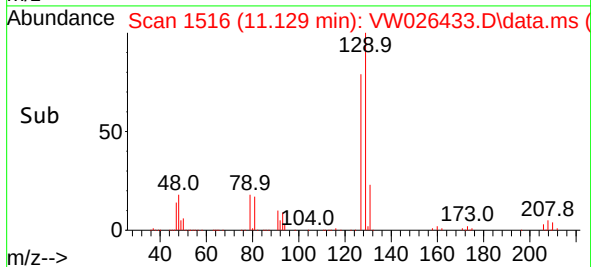
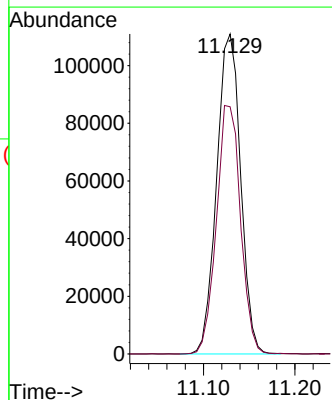
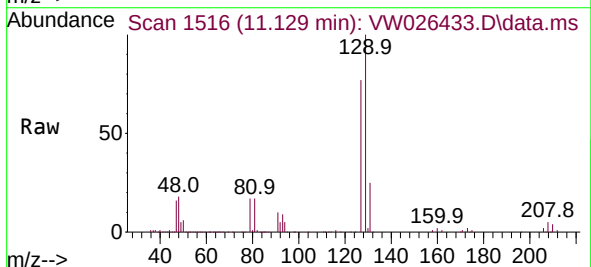
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

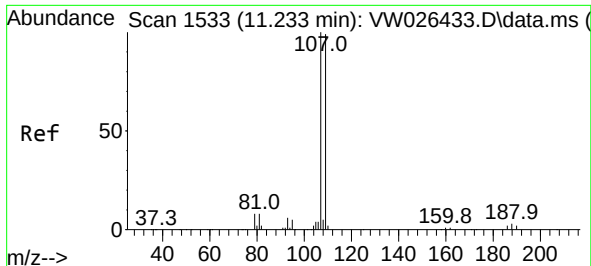
Tgt Ion: 43 Resp: 295684
Ion Ratio Lower Upper
43 100
58 52.6 42.1 63.1
57 18.1 14.5 21.7
100 10.6 8.5 12.7



#49
Dibromochloromethane
Concen: 23.518 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion: 129 Resp: 202160
Ion Ratio Lower Upper
129 100
127 77.2 54.0 100.4





#50

1,2-Dibromoethane

Concen: 23.885 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025473

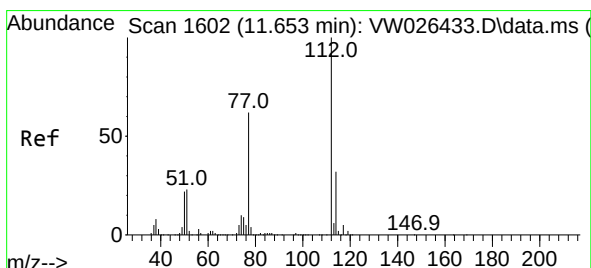
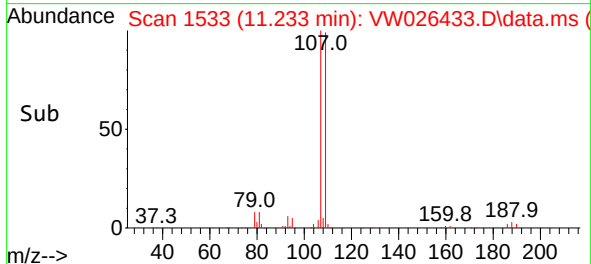
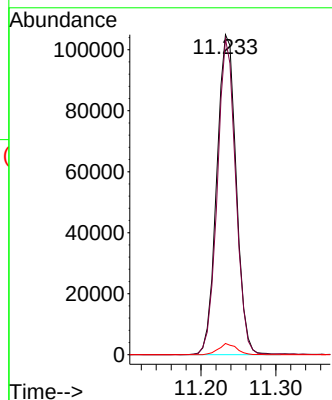
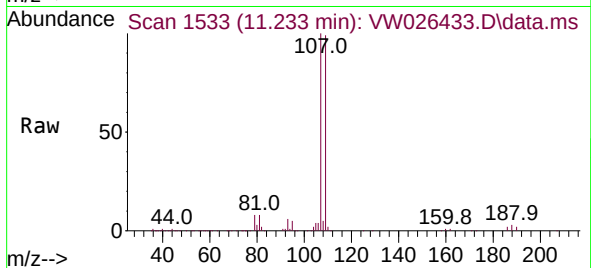
Tgt Ion:107 Resp: 189553

Ion Ratio Lower Upper

107 100

109 98.6 69.0 128.2

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 23.030 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

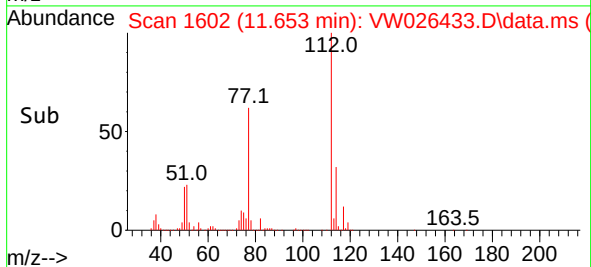
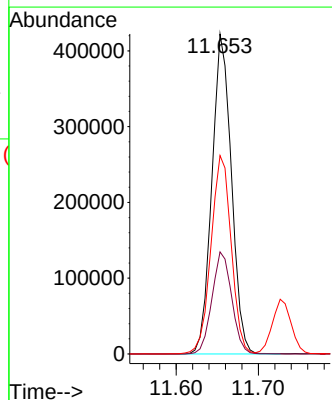
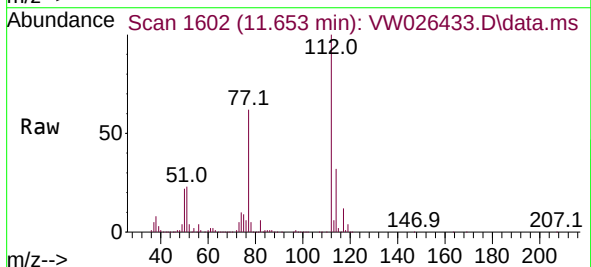
Tgt Ion:112 Resp: 695748

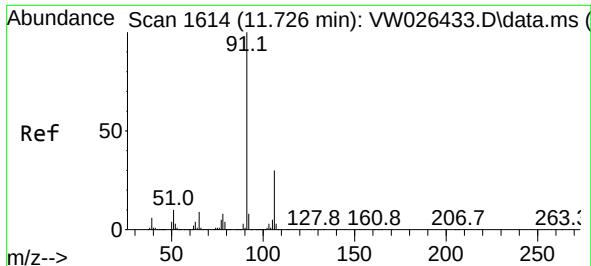
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 62.0 49.6 74.4

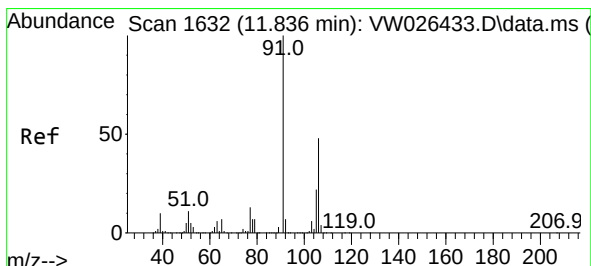
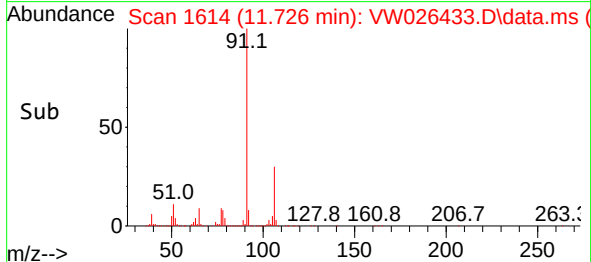
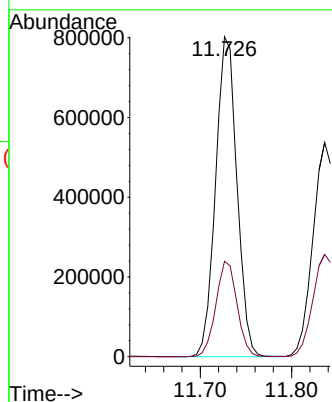
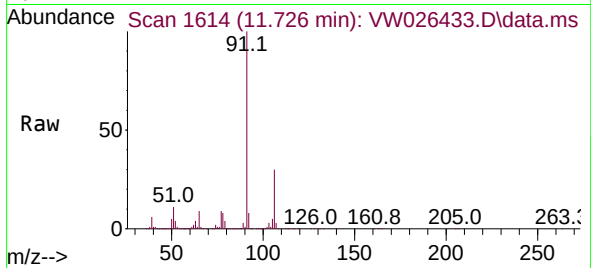




#52
Ethylbenzene
Concen: 23.681 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

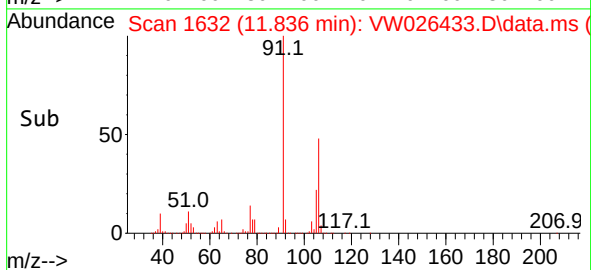
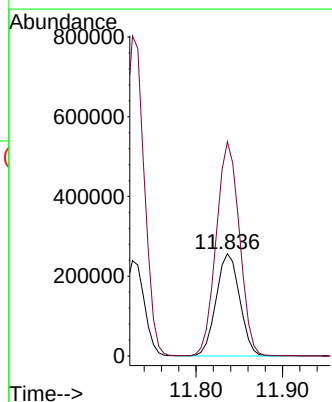
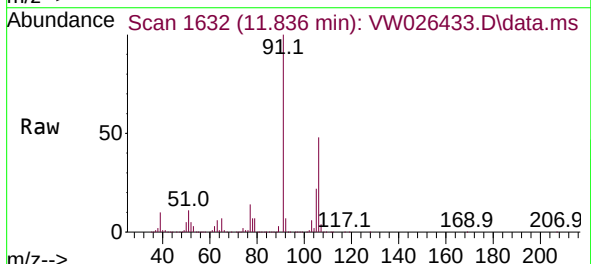
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

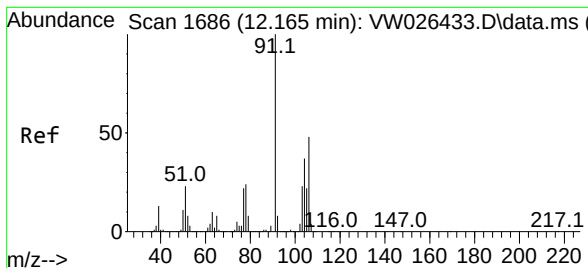
Tgt Ion: 91 Resp: 1301159
Ion Ratio Lower Upper
91 100
106 29.8 20.9 38.7



#53
m,p-Xylene
Concen: 23.786 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion:106 Resp: 484616
Ion Ratio Lower Upper
106 100
91 209.6 146.7 272.5

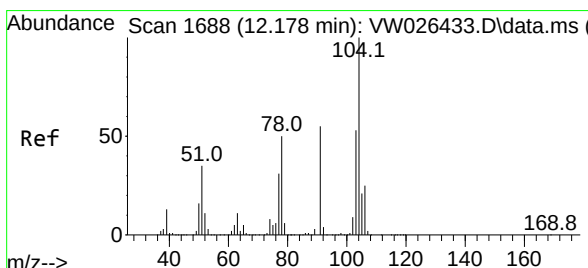
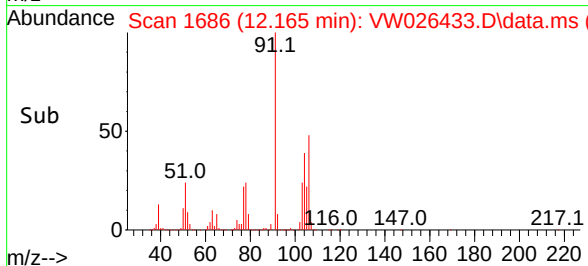
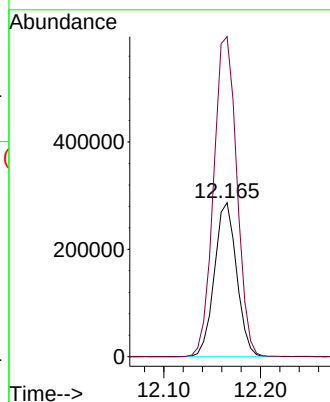
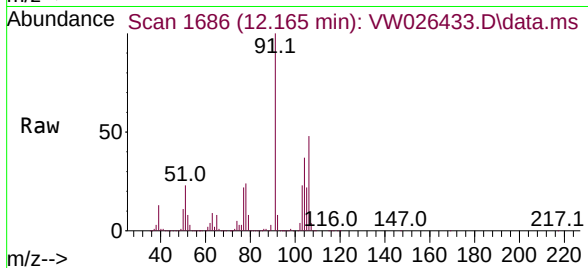




#54
o-Xylene
Concen: 24.230 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

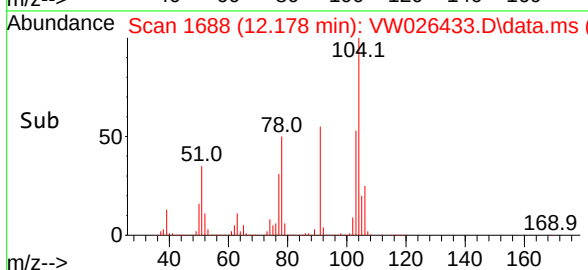
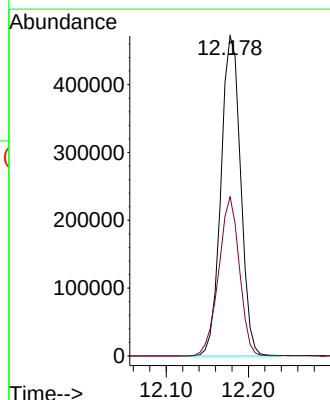
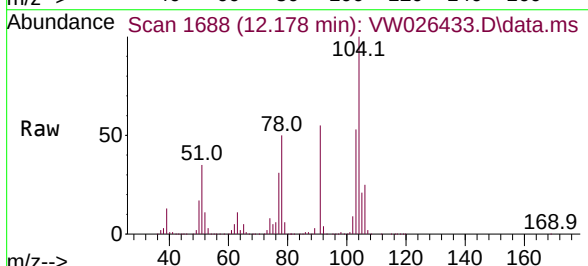
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

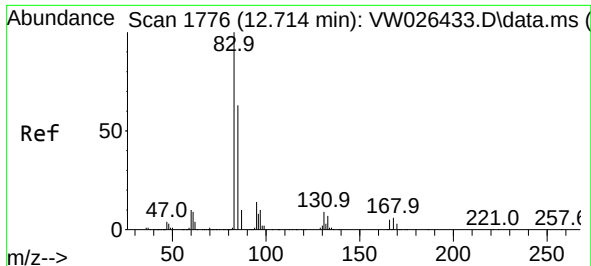
Tgt Ion:106 Resp: 457834
Ion Ratio Lower Upper
106 100
91 207.8 145.5 270.1



#55
Styrene
Concen: 24.361 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion:104 Resp: 785737
Ion Ratio Lower Upper
104 100
78 49.7 34.8 64.6





#57

1,1,2,2-Tetrachloroethane

Concen: 23.941 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025473

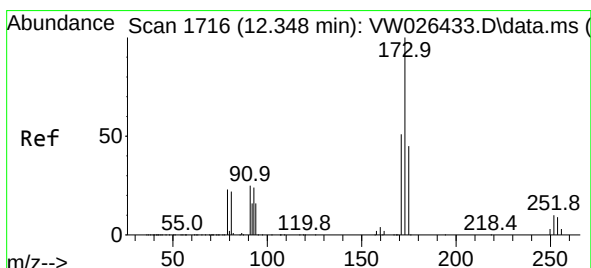
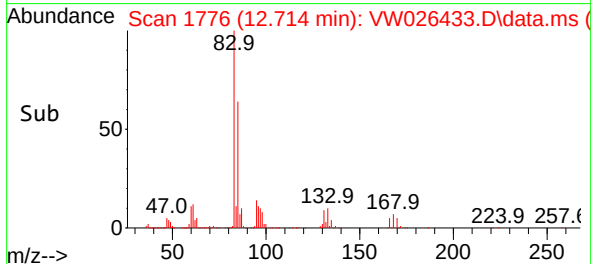
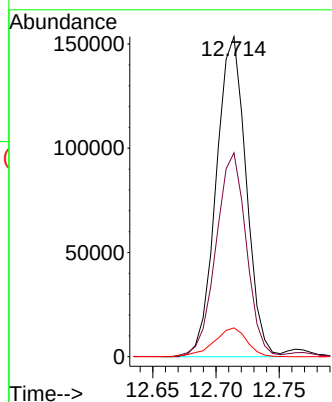
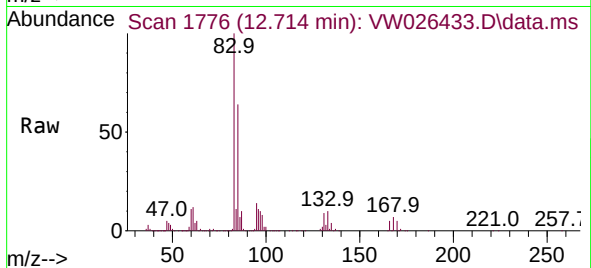
Tgt Ion: 83 Resp: 252297

Ion Ratio Lower Upper

83 100

85 63.7 44.6 82.8

131 9.0 7.2 10.8



#59

Bromoform

Concen: 24.222 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

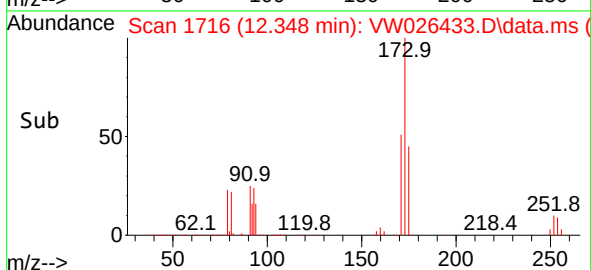
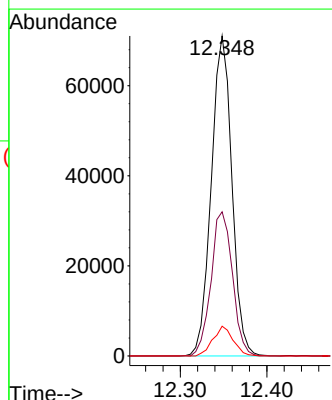
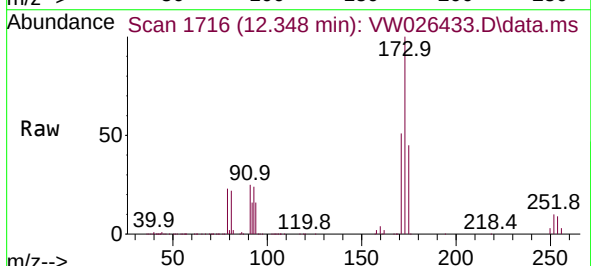
Tgt Ion: 173 Resp: 117444

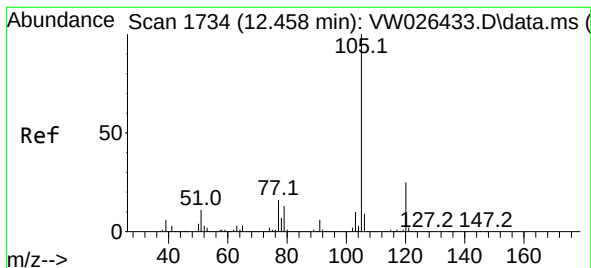
Ion Ratio Lower Upper

173 100

175 46.8 37.4 56.2

254 9.1 7.3 10.9





#60

Isopropylbenzene

Concen: 23.901 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025473

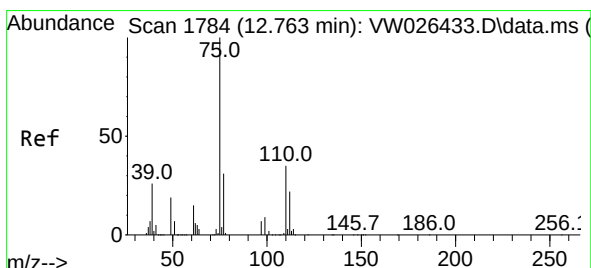
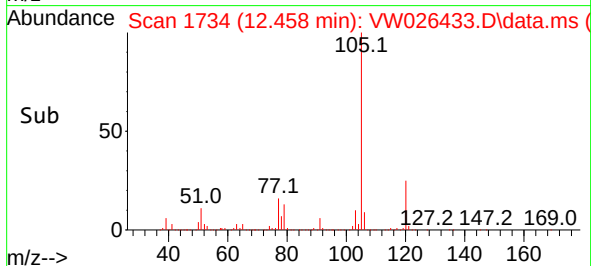
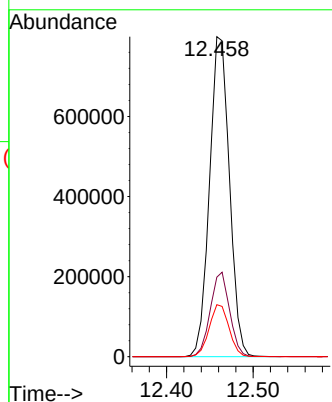
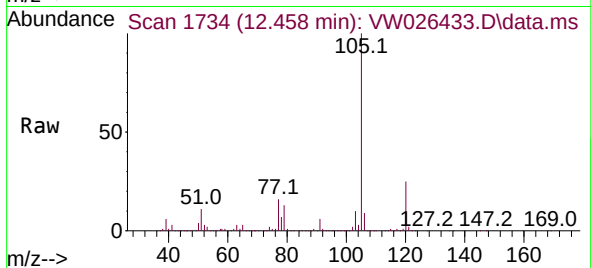
Tgt Ion:105 Resp: 1276574

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 16.1 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 23.086 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

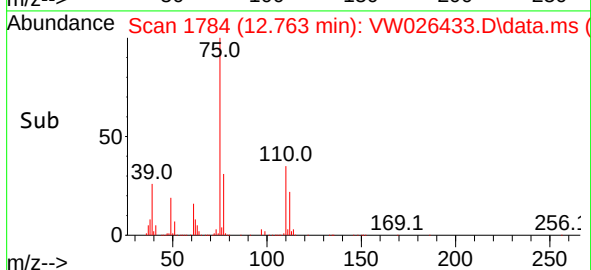
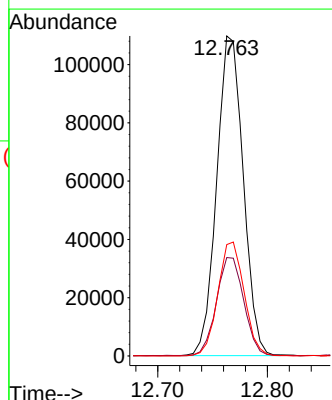
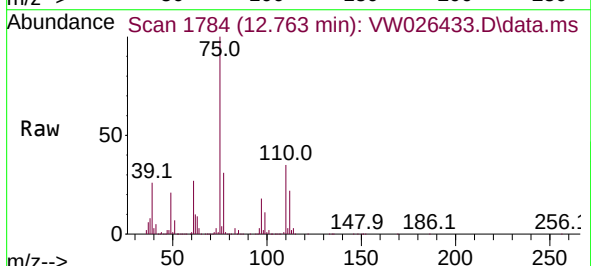
Tgt Ion: 75 Resp: 184767

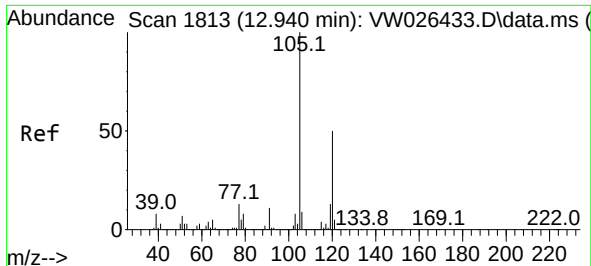
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

110 35.3 28.2 42.4





#62

1,3,5-Trimethylbenzene

Concen: 23.812 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

Instrument :

MSVOA_W

ClientSampleId :

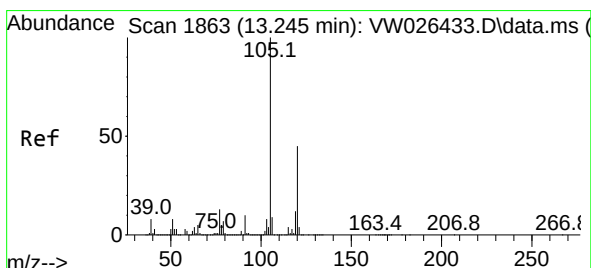
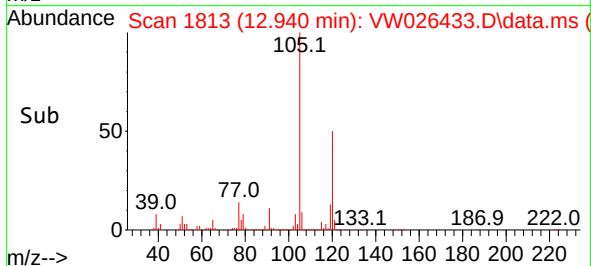
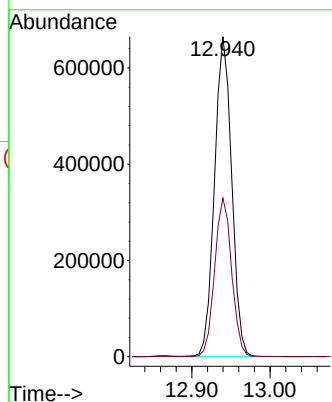
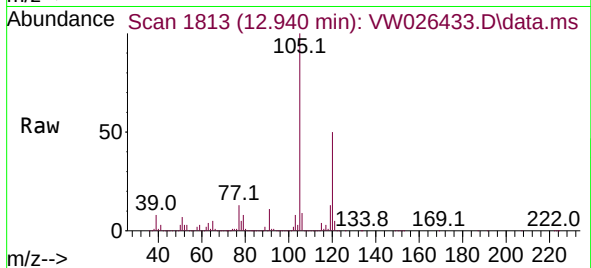
VSTD025473

Tgt Ion:105 Resp: 1011353

Ion Ratio Lower Upper

105 100

120 49.0 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 24.299 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026433.D

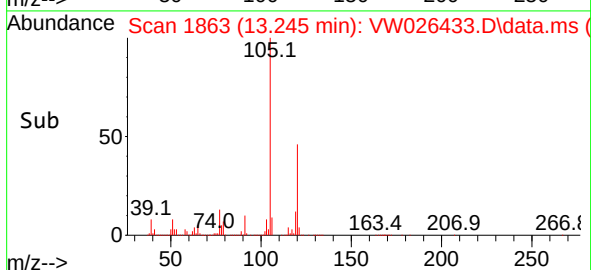
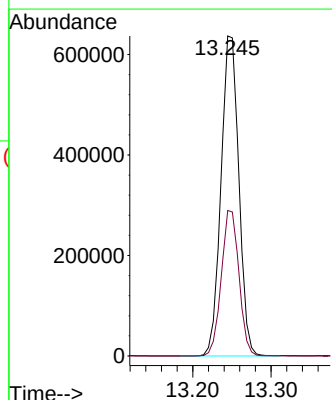
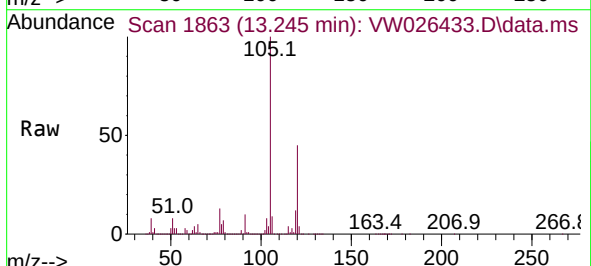
Acq: 29 Jun 2023 13:07

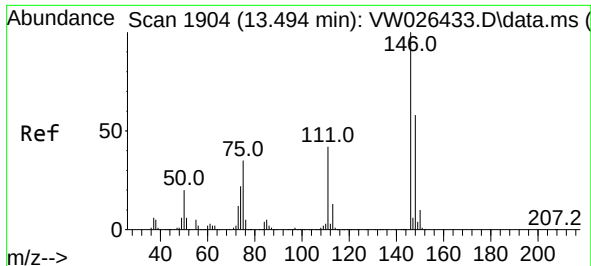
Tgt Ion:105 Resp: 1008222

Ion Ratio Lower Upper

105 100

120 45.0 36.0 54.0

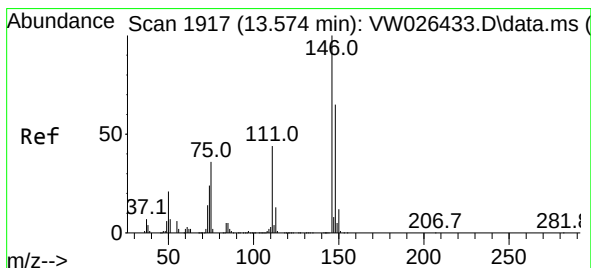
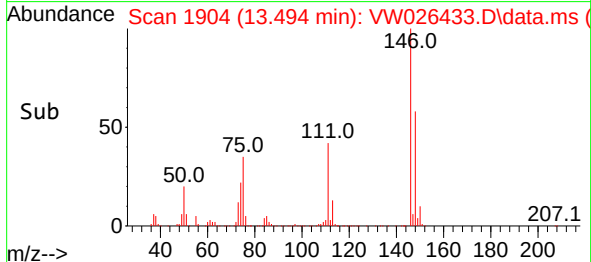
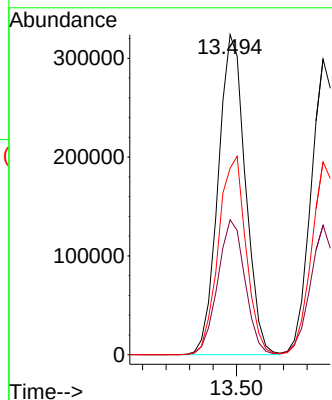
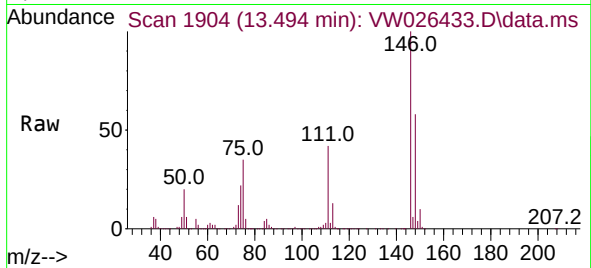




#64
1,3-Dichlorobenzene
Concen: 23.269 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

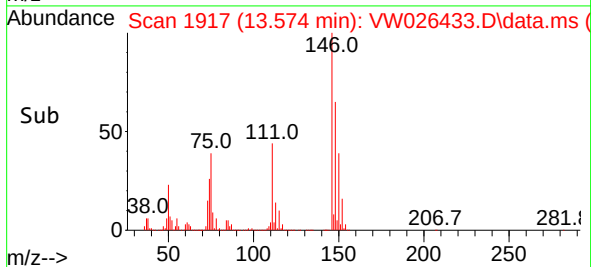
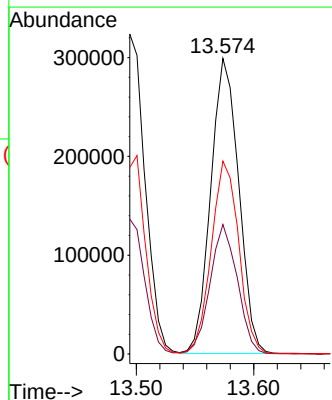
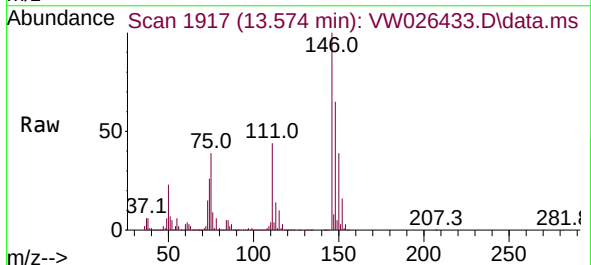
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

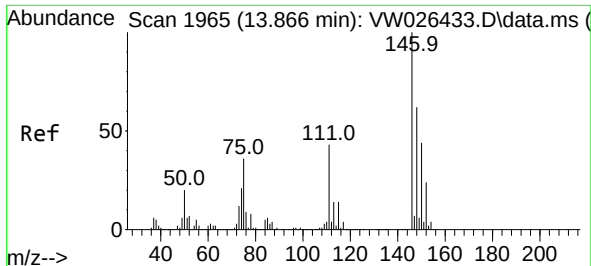
Tgt Ion:146 Resp: 521448
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.9
148 58.3 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 22.175 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion:146 Resp: 494227
Ion Ratio Lower Upper
146 100
111 43.8 30.7 56.9
148 65.2 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 22.997 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025473

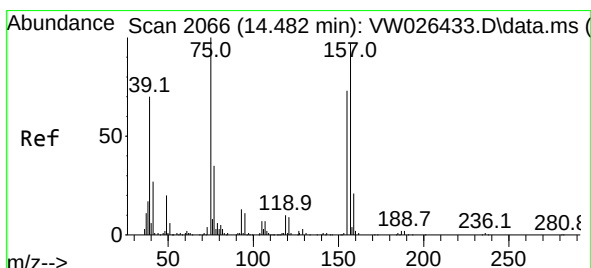
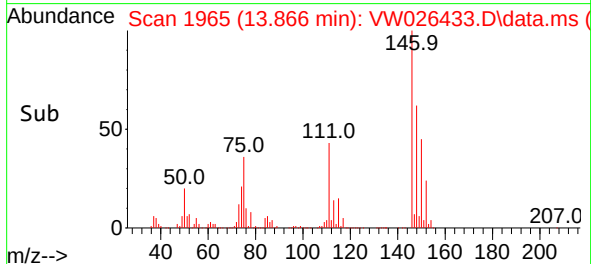
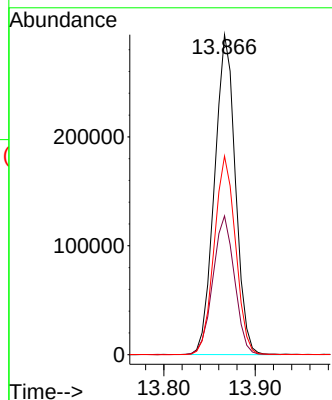
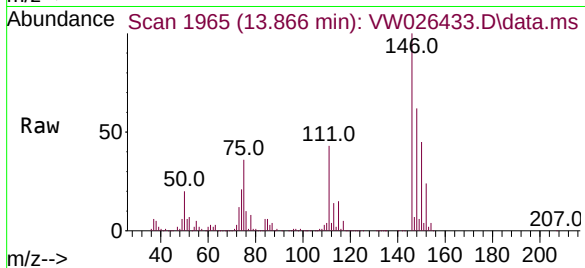
Tgt Ion:146 Resp: 466360

Ion Ratio Lower Upper

146 100

111 43.4 34.7 52.1

148 62.0 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 21.713 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

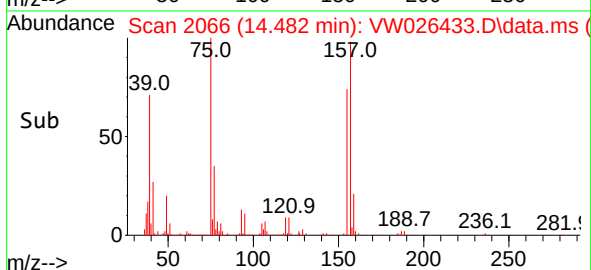
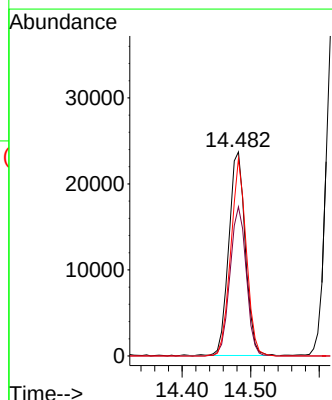
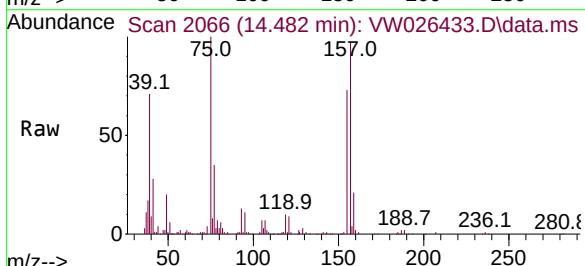
Tgt Ion: 75 Resp: 39645

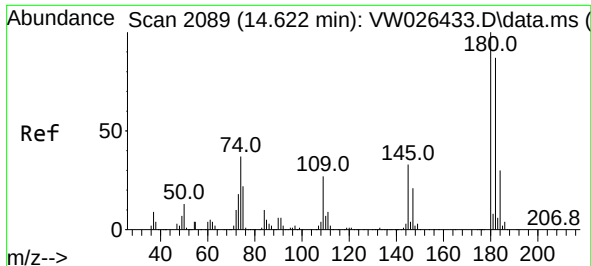
Ion Ratio Lower Upper

75 100

155 73.1 58.5 87.7

157 96.8 77.4 116.2

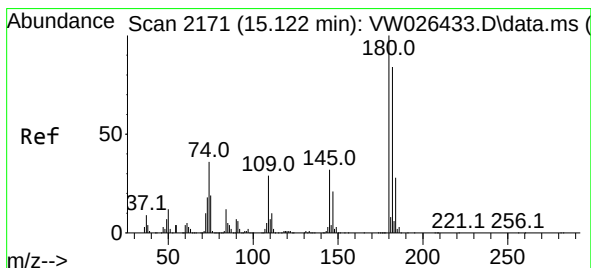
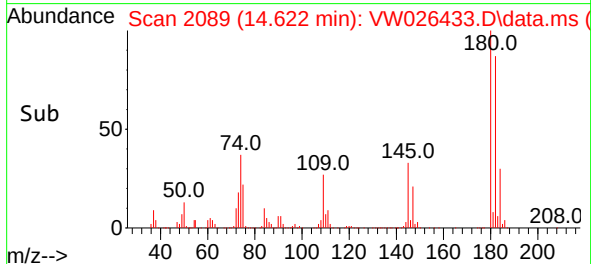
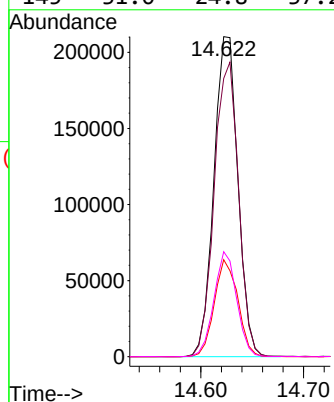
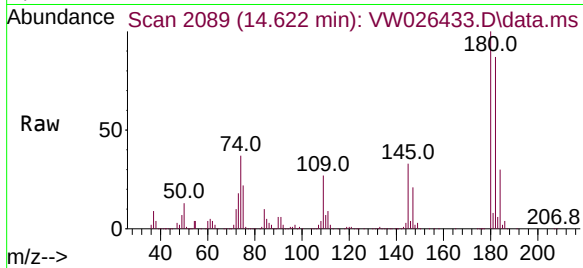




#69
1,3,5-Trichlorobenzene
Concen: 22.391 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

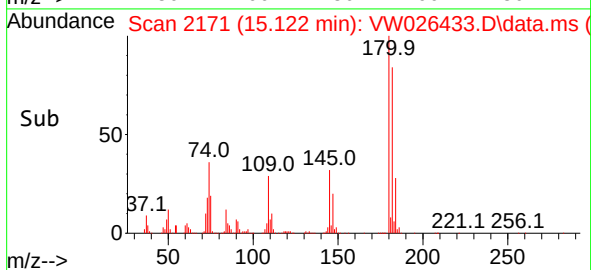
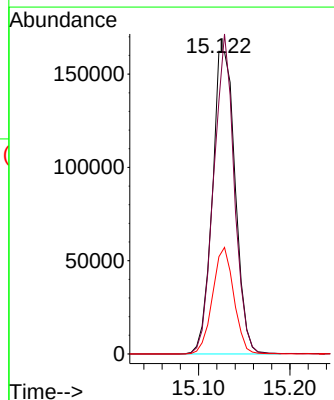
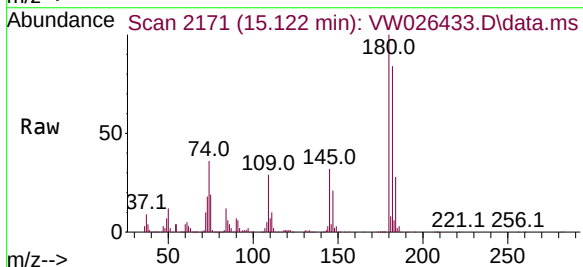
Instrument :
MSVOA_W
ClientSampleId :
VSTD025473

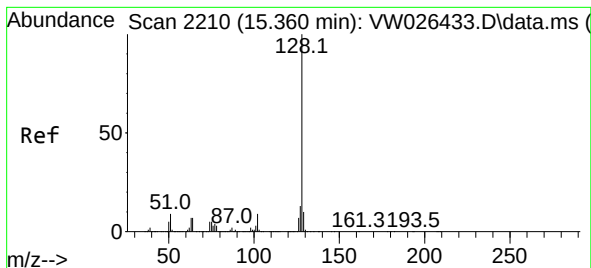
Tgt Ion:	180	Resp:	341572
Ion Ratio	Lower	Upper	
180	100		
182	93.1	74.5	111.7
184	29.7	23.8	35.6
145	31.0	24.8	37.2



#70
1,2,4-trichlorobenzene
Concen: 21.422 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW026433.D
Acq: 29 Jun 2023 13:07

Tgt Ion:	180	Resp:	282830
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.5	113.3
145	32.7	26.2	39.2





#71

Naphthalene

Concen: 23.255 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025473

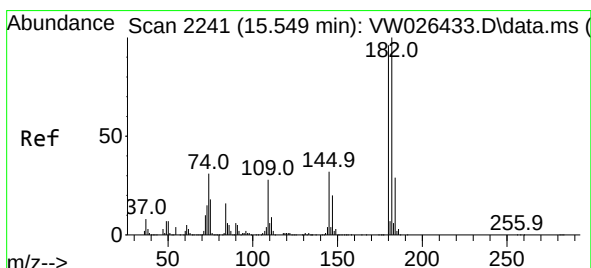
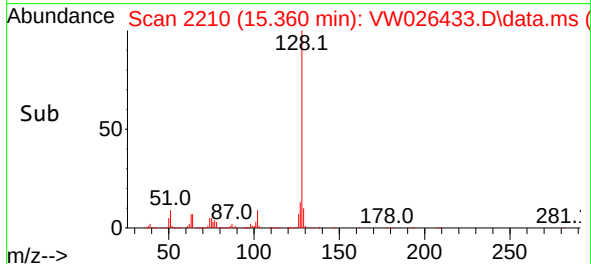
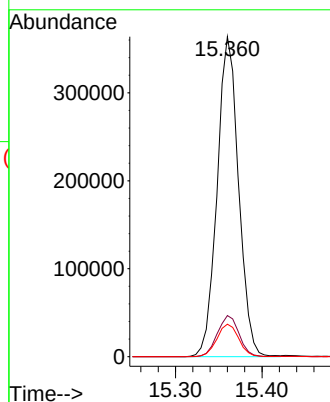
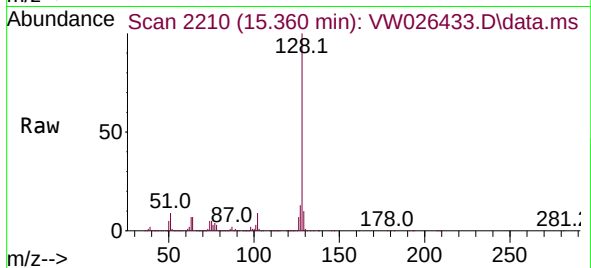
Tgt Ion:128 Resp: 625849

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.4 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 22.216 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026433.D

Acq: 29 Jun 2023 13:07

Tgt Ion:180 Resp: 252240

Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 33.8 27.0 40.6

