

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026535.D
 Acq On : 05 Jul 2023 16:43
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

Quant Time: Jul 06 02:29:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	864040	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	761416	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	375701	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	280048	21.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
7) Chloroethane-d5	2.893	69	217623	20.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	4.021	65	137988	22.771	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.080%
21) 2-Butanone-d5	7.075	46	212808	42.816	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.640%
24) Chloroform-d	7.648	84	577555	22.689	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.760%
26) 1,2-Dichloroethane-d4	8.307	65	325279	21.970	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.880%
32) Benzene-d6	8.270	84	1225253	25.239	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	9.270	67	384655	24.852	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.400%
41) Toluene-d8	10.325	98	1082212	24.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.320%
43) trans-1,3-Dichloroprop...	10.575	79	150323	23.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.800%
47) 2-Hexanone-d5	10.922	63	141026	45.762	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	310591	22.933	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	327235	21.931	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	173129	17.580	ug/L	92
3) Chloromethane	2.229	50	332120	20.855	ug/L	98
5) Vinyl chloride	2.381	62	300180	19.139	ug/L	96
6) Bromomethane	2.783	94	170901	18.663	ug/L	97
8) Chloroethane	2.930	64	183558	19.429	ug/L	100
9) Trichlorofluoromethane	3.265	101	200025	19.840	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	255062	21.637	ug/L	98
12) 1,1-Dichloroethene	4.045	96	248464	22.789	ug/L	88
13) Acetone	4.119	43	115848	37.581	ug/L	96
14) Carbon disulfide	4.393	76	774399	22.373	ug/L	100
15) Methyl Acetate	4.667	43	180908	23.587	ug/L	99
16) Methylene chloride	4.923	84	295490	19.190	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	279805	22.804	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	489899	22.837	ug/L	99
19) 1,1-Dichloroethane	6.216	63	593968	22.479	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	315530	22.415	ug/L	99
22) 2-Butanone	7.167	43	238390	41.551	ug/L	99
23) Bromochloromethane	7.514	128	130407	22.368	ug/L	97
25) Chloroform	7.673	83	547495	23.121	ug/L	99

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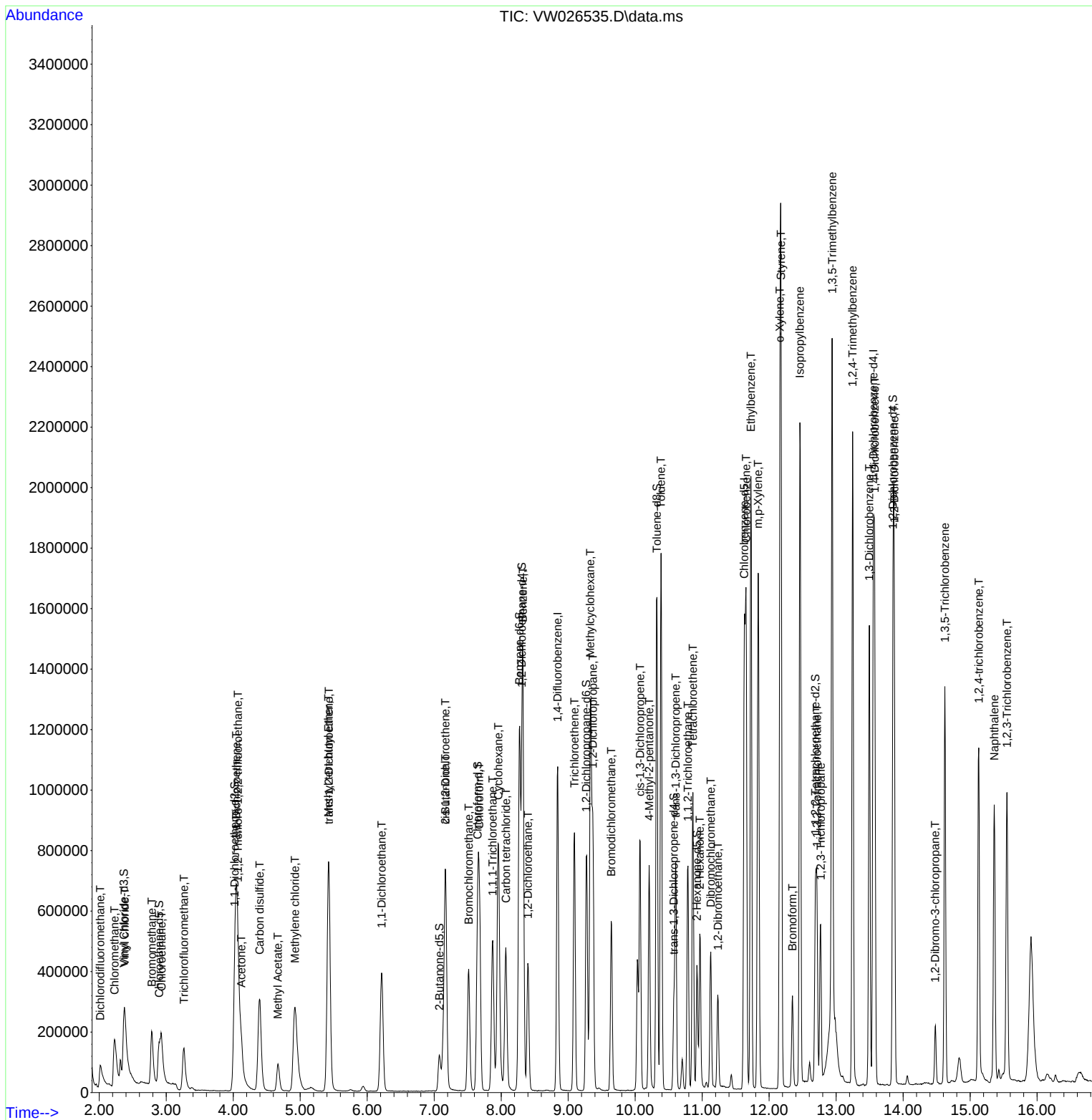
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 ClientSampleId :
 VSTD025549

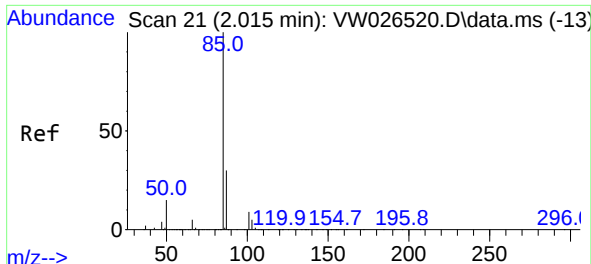
Quant Time: Jul 06 02:29:37 2023
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 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	384878	22.058	ug/L	97
29) Cyclohexane	7.959	56	529776	24.975	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	412000	24.049	ug/L	99
31) Carbon tetrachloride	8.069	117	360946	23.370	ug/L	100
33) Benzene	8.325	78	1223013	24.802	ug/L	100
34) Trichloroethene	9.093	95	309393	24.600	ug/L	95
35) Methylcyclohexane	9.331	83	529152	24.631	ug/L	99
37) 1,2-Dichloropropane	9.368	63	333482	24.686	ug/L	100
38) Bromodichloromethane	9.642	83	378242	23.729	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	496644	24.933	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	518187	49.571	ug/L	100
42) Toluene	10.386	91	1247718	24.859	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	405546	24.294	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	227949	22.954	ug/L	91
46) Tetrachloroethene	10.861	164	208629	23.640	ug/L	96
48) 2-Hexanone	10.965	43	341597	46.863	ug/L	96
49) Dibromochloromethane	11.129	129	228978	23.014	ug/L	92
50) 1,2-Dibromoethane	11.233	107	218206	23.960	ug/L #	93
51) Chlorobenzene	11.654	112	771445	23.515	ug/L	97
52) Ethylbenzene	11.727	91	1419267	23.946	ug/L	99
53) m,p-Xylene	11.837	106	528065	24.367	ug/L	95
54) o-Xylene	12.160	106	505261	24.063	ug/L	100
55) Styrene	12.178	104	862218	24.012	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	301234	23.171	ug/L	100
59) Bromoform	12.349	173	134730	22.861	ug/L	96
60) Isopropylbenzene	12.459	105	1379991	23.948	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	224161	22.901	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1131617	23.818	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1126083	24.639	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	561276	22.895	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	569326	23.290	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	514595	22.282	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	51052	20.682	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	370858	22.742	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	327622	24.628	ug/L	99
71) Naphthalene	15.360	128	767868	25.793	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	295184	24.836	ug/L	99

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

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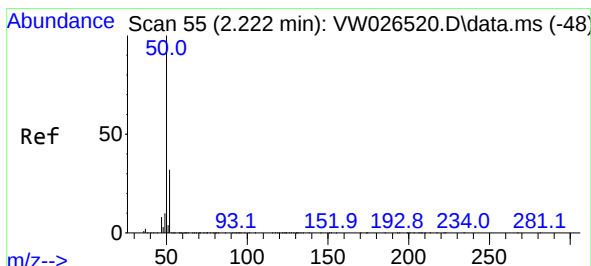
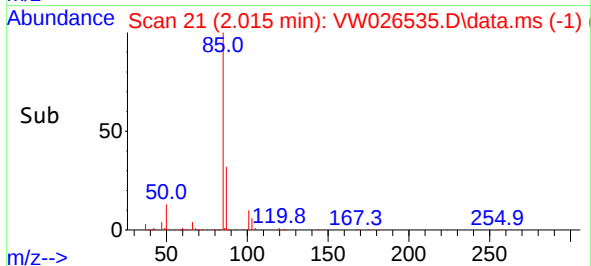
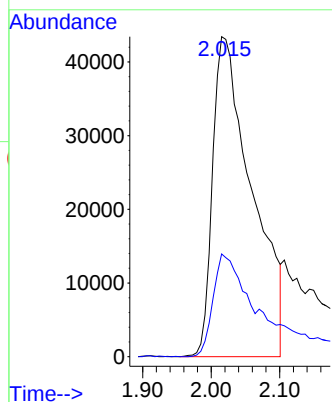
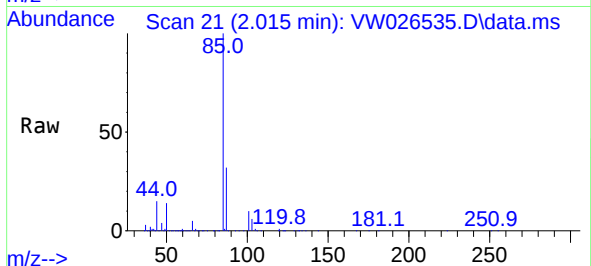




#2
Dichlorodifluoromethane
Concen: 17.580 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

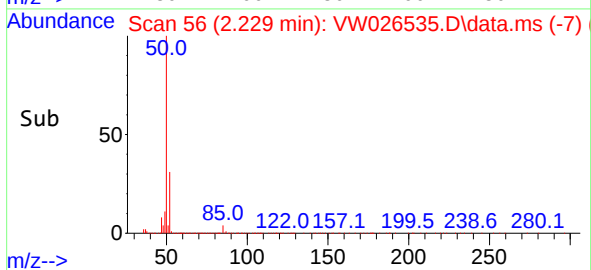
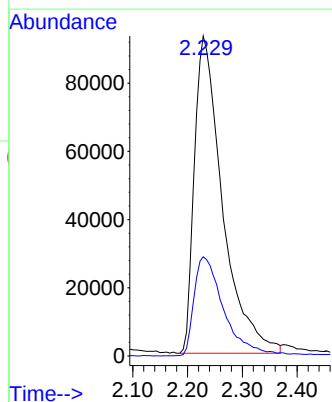
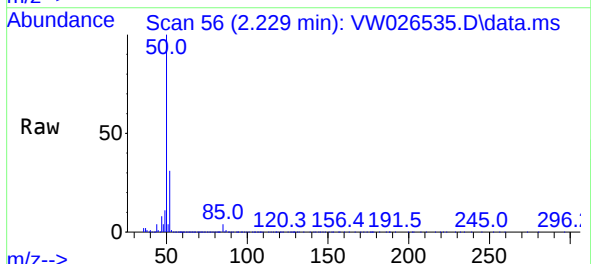
Instrument :
MSVOA_W
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VSTD025549

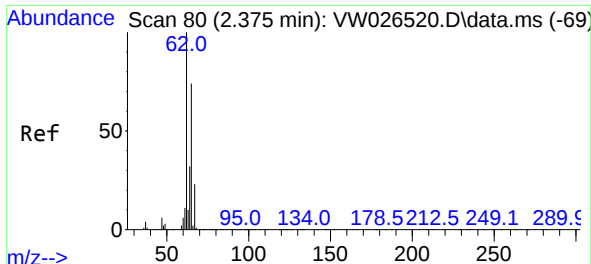
Tgt Ion: 85 Resp: 173129
Ion Ratio Lower Upper
85 100
87 25.4 23.8 35.8



#3
Chloromethane
Concen: 20.855 ug/L
RT: 2.229 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 50 Resp: 332120
Ion Ratio Lower Upper
50 100
52 31.0 22.7 42.1

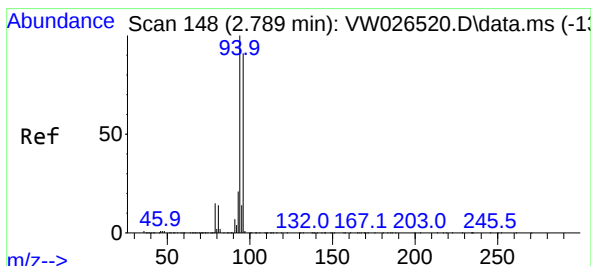
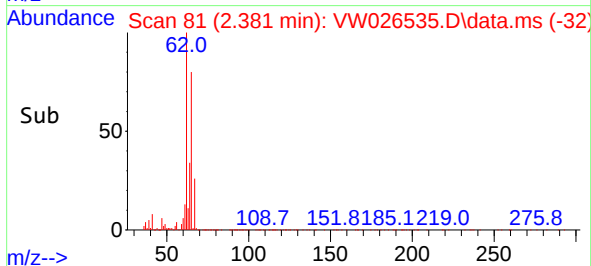
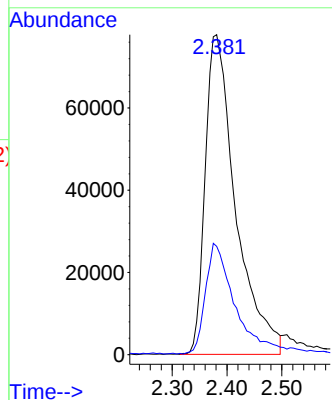
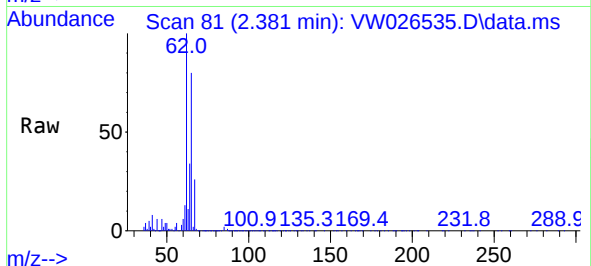




#5
 Vinyl chloride
 Concen: 19.139 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VW026535.D
 Acq: 05 Jul 2023 16:43

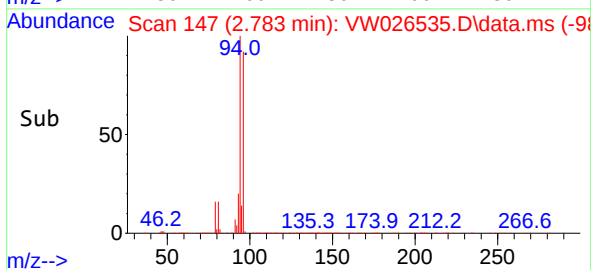
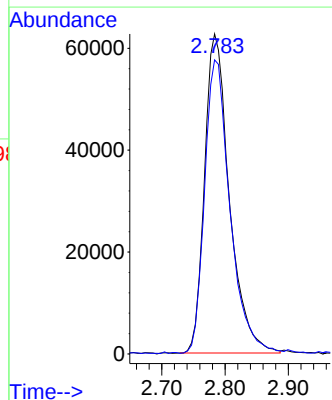
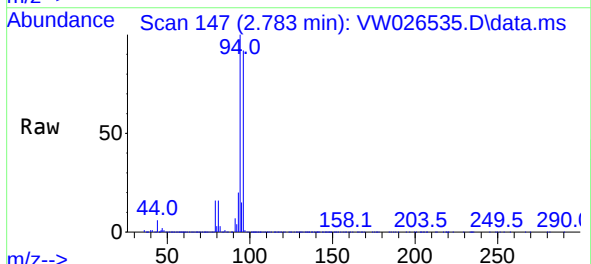
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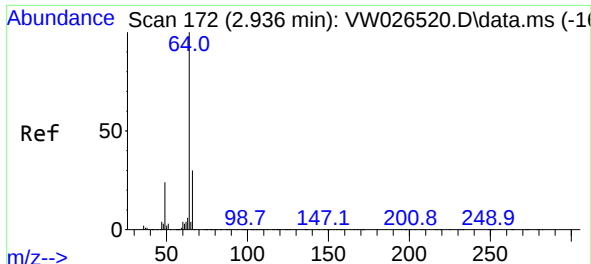
Tgt Ion: 62 Resp: 300180
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.1 41.1



#6
 Bromomethane
 Concen: 18.663 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026535.D
 Acq: 05 Jul 2023 16:43

Tgt Ion: 94 Resp: 170901
 Ion Ratio Lower Upper
 94 100
 96 91.9 66.3 123.1

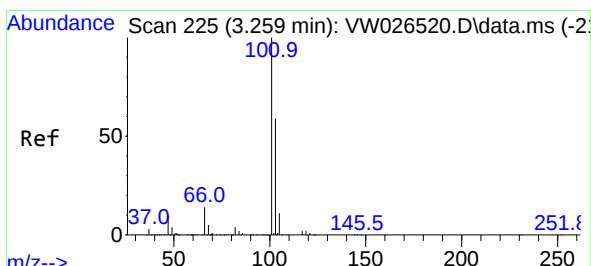
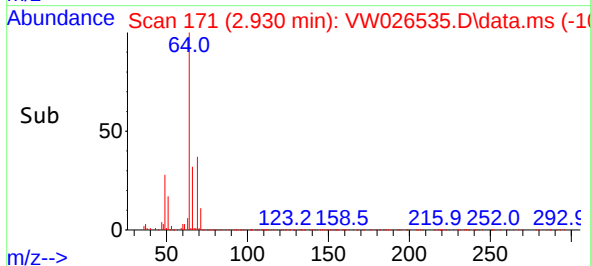
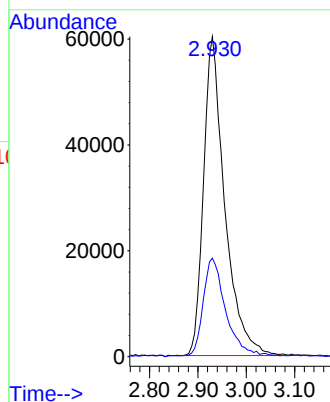
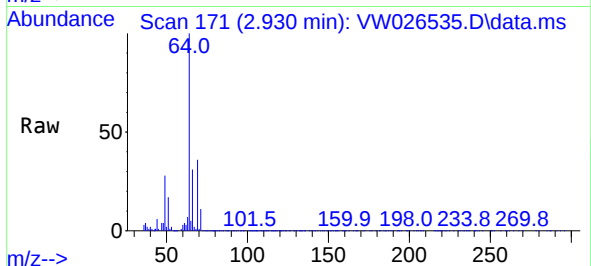




#8
Chloroethane
Concen: 19.429 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

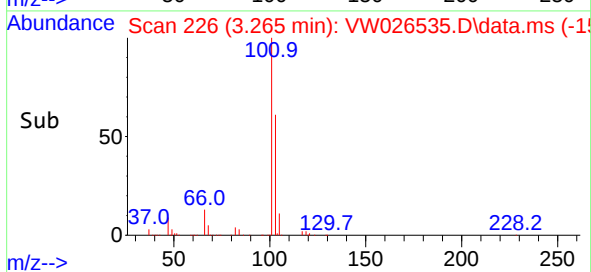
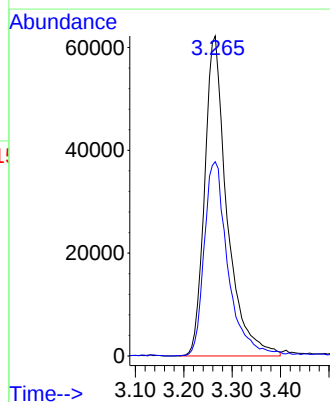
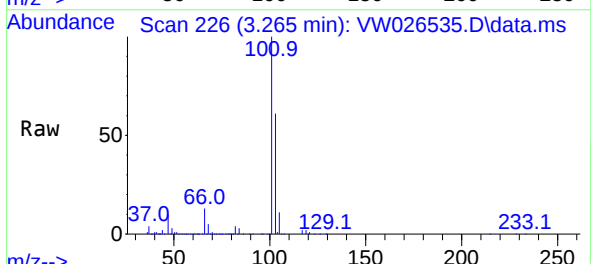
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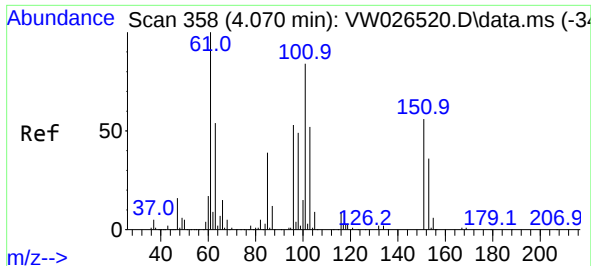
Tgt Ion: 64 Resp: 183558
Ion Ratio Lower Upper
64 100
66 30.8 21.6 40.2



#9
Trichlorofluoromethane
Concen: 19.840 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion:101 Resp: 200025
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

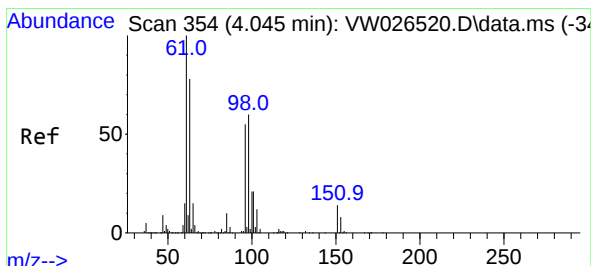
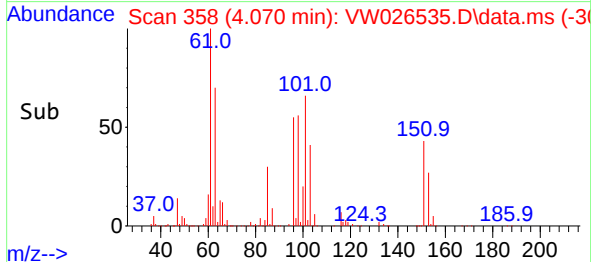
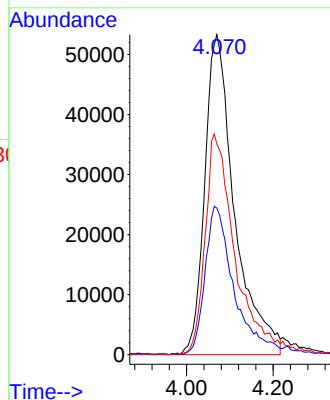
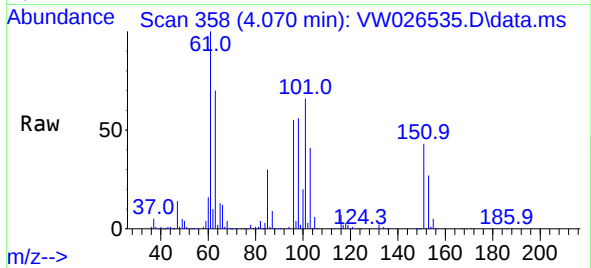




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.637 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW026535.D
 Acq: 05 Jul 2023 16:43

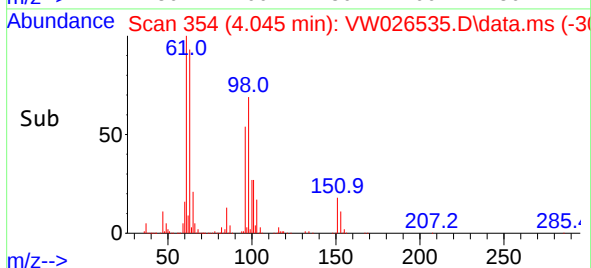
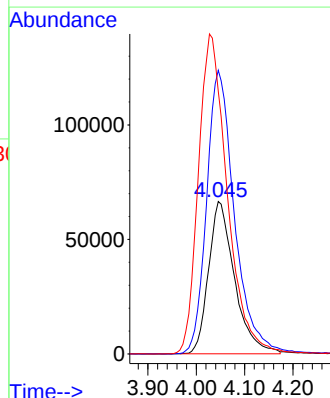
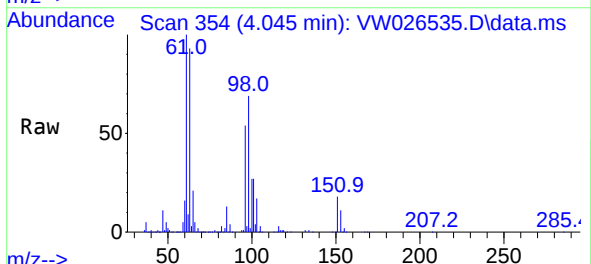
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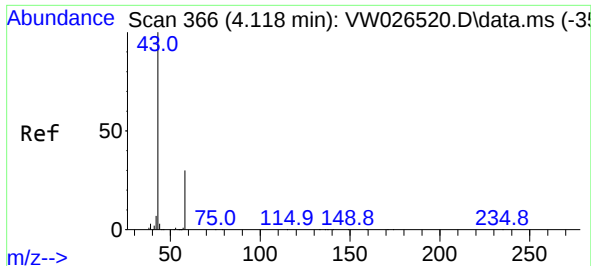
Tgt Ion:101 Resp: 255062
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.4 53.0
 151 66.1 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 22.789 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026535.D
 Acq: 05 Jul 2023 16:43

Tgt Ion: 96 Resp: 248464
 Ion Ratio Lower Upper
 96 100
 61 186.0 142.9 265.5
 63 172.3 132.7 246.5

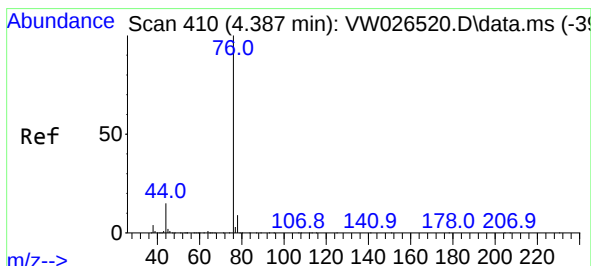
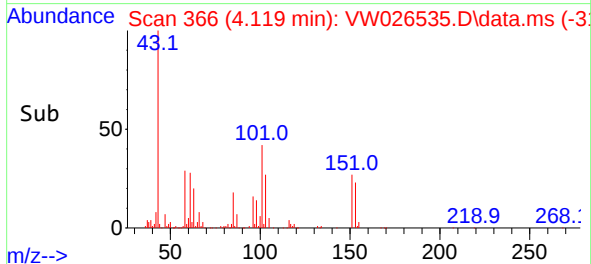
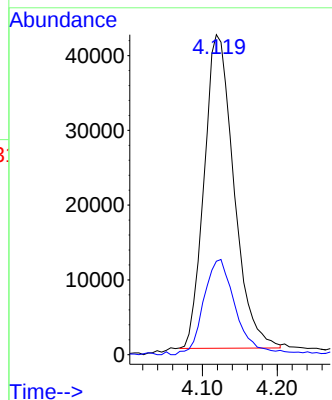
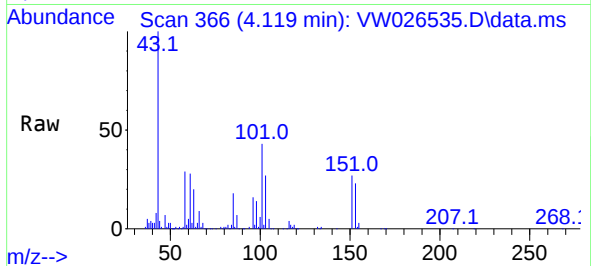




#13
Acetone
Concen: 37.581 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

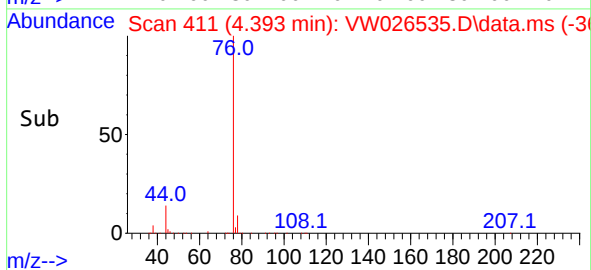
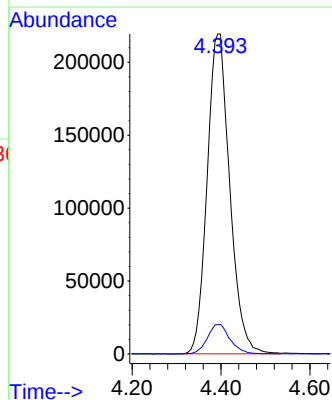
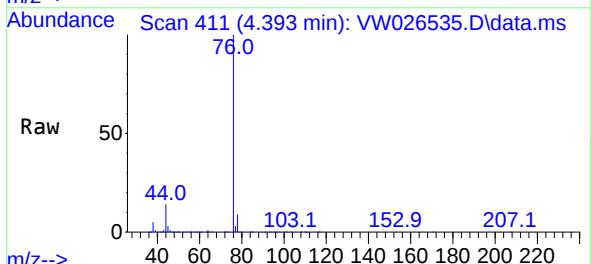
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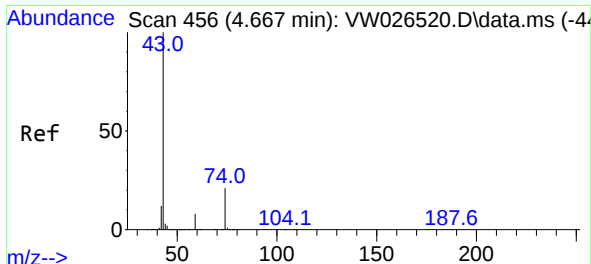
Tgt Ion: 43 Resp: 115848
Ion Ratio Lower Upper
43 100
58 32.2 0.0 59.6



#14
Carbon disulfide
Concen: 22.373 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 76 Resp: 774399
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

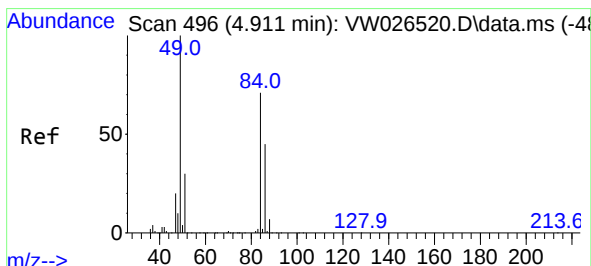
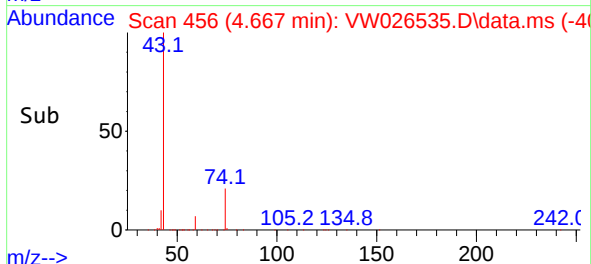
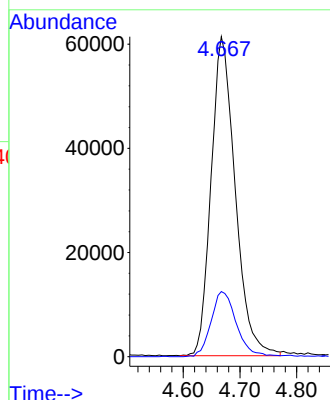
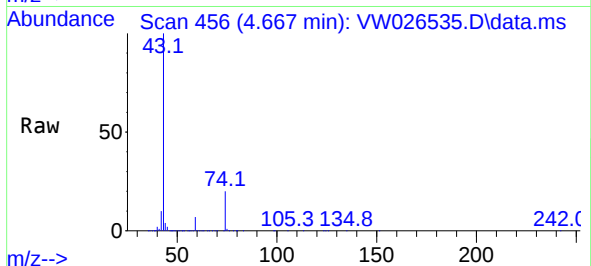




#15
Methyl Acetate
Concen: 23.587 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

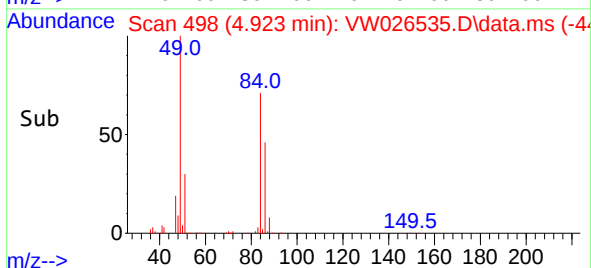
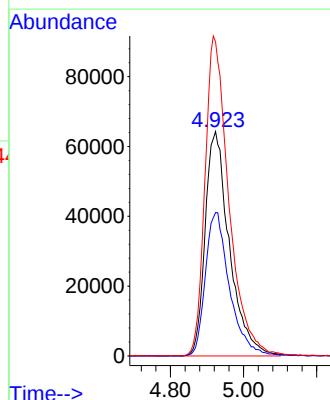
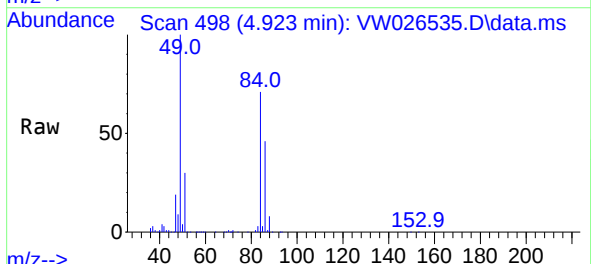
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

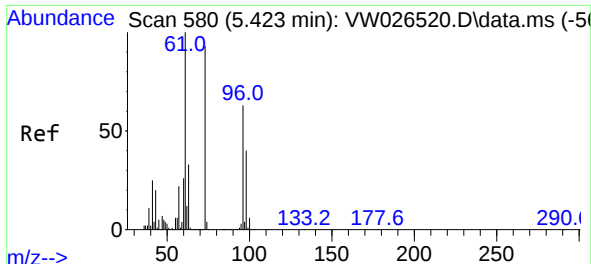
Tgt Ion: 43 Resp: 180908
Ion Ratio Lower Upper
43 100
74 21.1 16.6 24.8



#16
Methylene chloride
Concen: 19.190 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 84 Resp: 295490
Ion Ratio Lower Upper
84 100
86 63.9 43.3 80.5
49 140.0 99.3 184.3

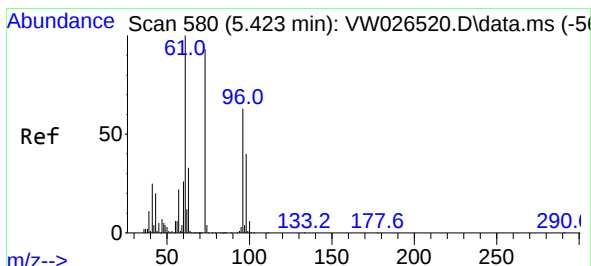
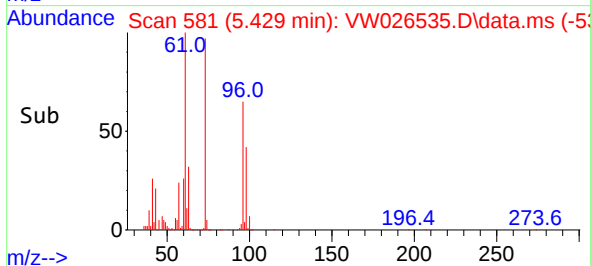
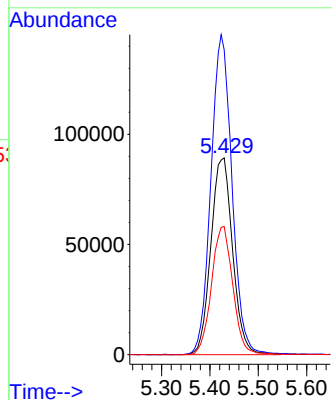
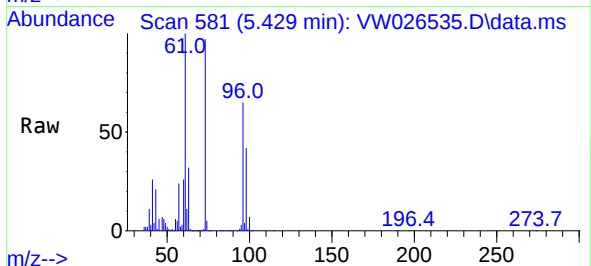




#17
trans-1,2-Dichloroethene
Concen: 22.804 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

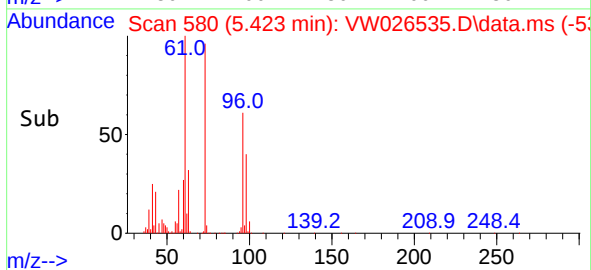
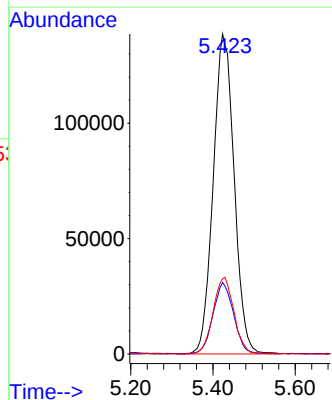
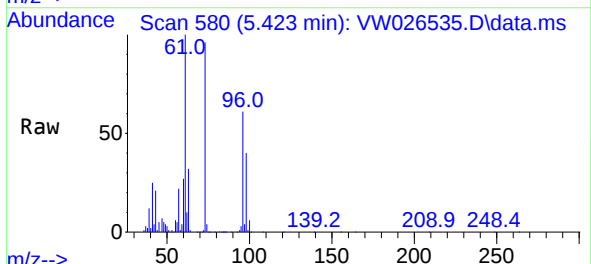
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

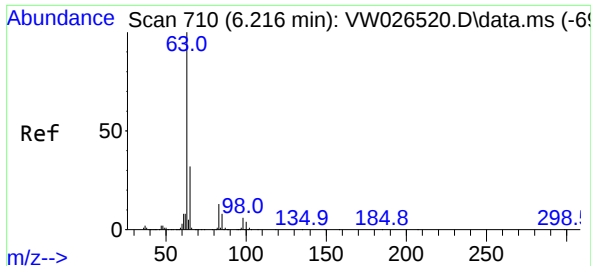
Tgt Ion: 96 Resp: 279805
Ion Ratio Lower Upper
96 100
61 154.8 109.7 203.7
98 65.1 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 22.837 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 73 Resp: 489899
Ion Ratio Lower Upper
73 100
43 21.8 17.8 26.8
57 23.6 18.8 28.2





#19

1,1-Dichloroethane

Concen: 22.479 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026535.D

Acq: 05 Jul 2023 16:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025549

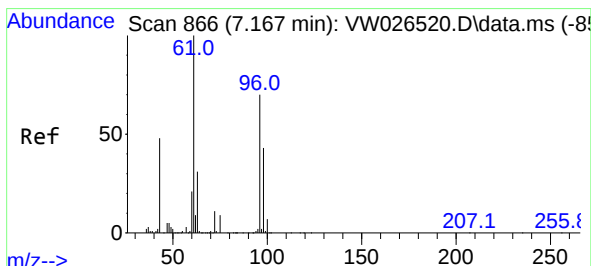
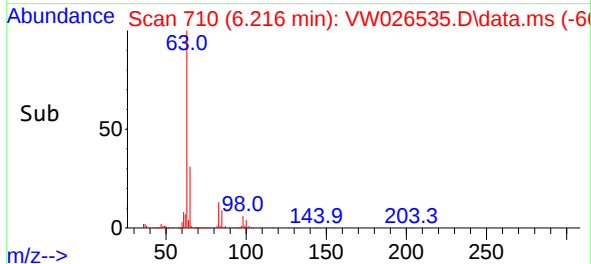
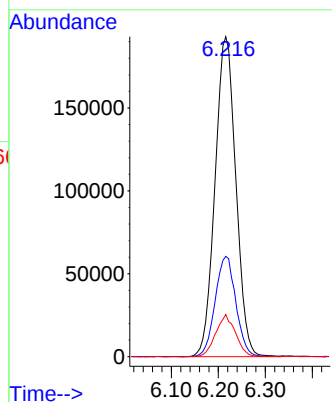
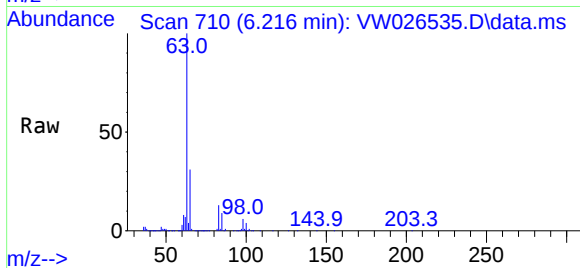
Tgt Ion: 63 Resp: 593968

Ion Ratio Lower Upper

63 100

65 31.3 21.8 40.4

83 13.2 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 22.415 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026535.D

Acq: 05 Jul 2023 16:43

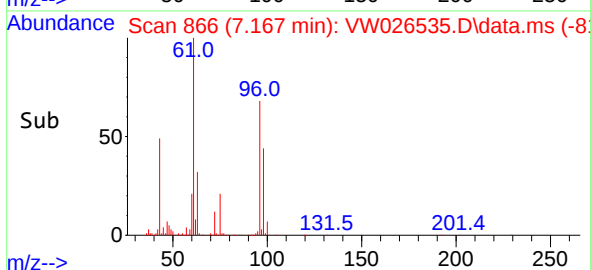
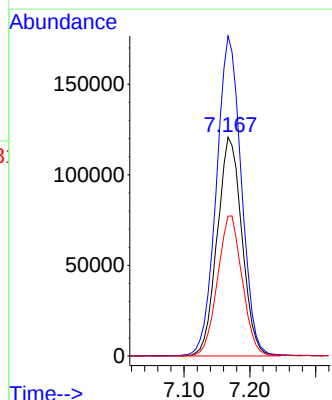
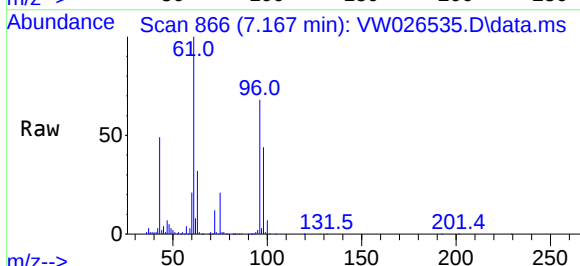
Tgt Ion: 96 Resp: 315530

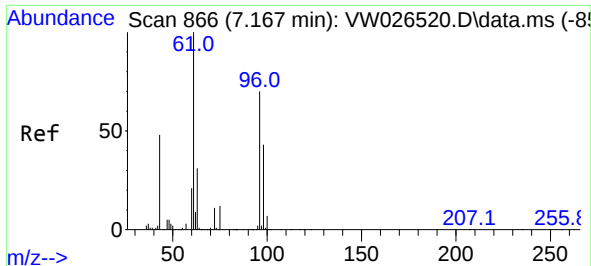
Ion Ratio Lower Upper

96 100

61 146.3 101.9 189.3

98 63.9 45.9 85.3

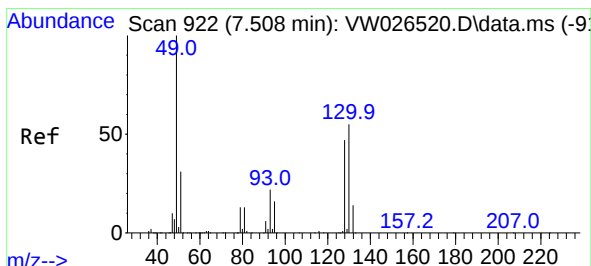
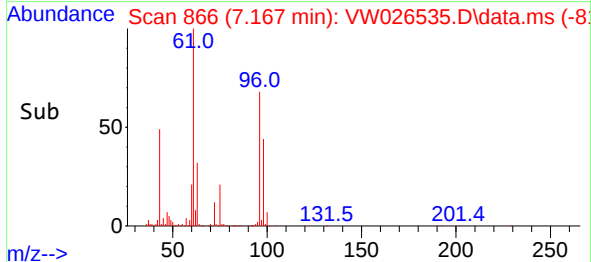
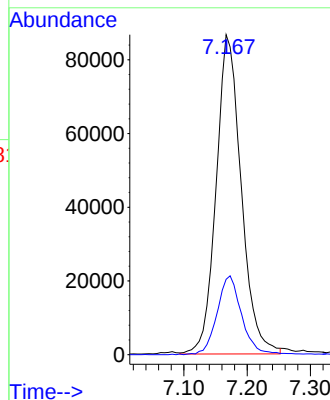
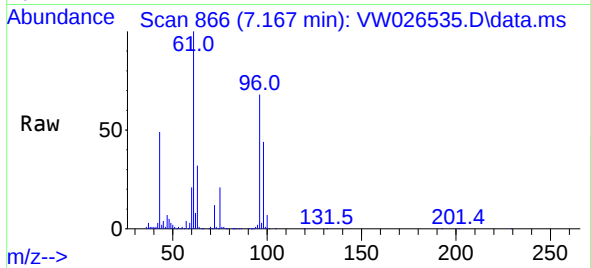




#22
2-Butanone
Concen: 41.551 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

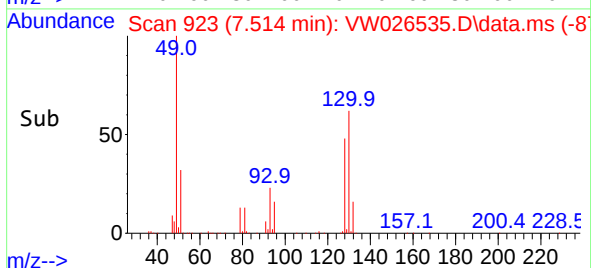
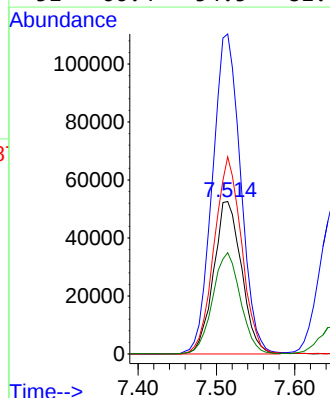
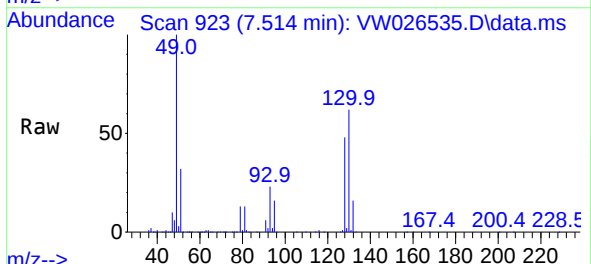
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

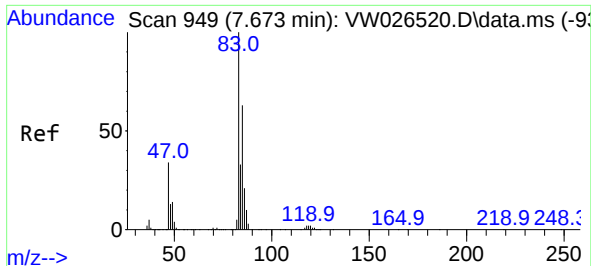
Tgt Ion: 43 Resp: 238390
Ion Ratio Lower Upper
43 100
72 23.4 12.0 36.1



#23
Bromochloromethane
Concen: 22.368 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion:128 Resp: 130407
Ion Ratio Lower Upper
128 100
49 209.7 152.2 282.7
130 129.2 89.2 165.8
51 66.4 54.5 81.7

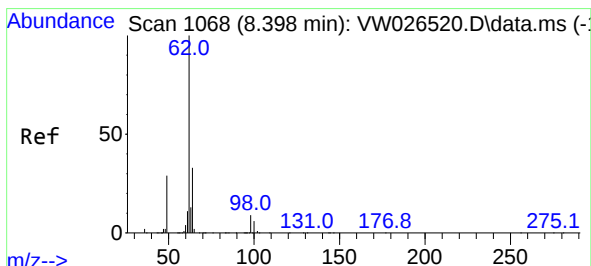
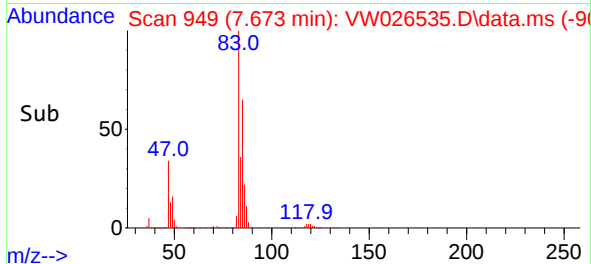
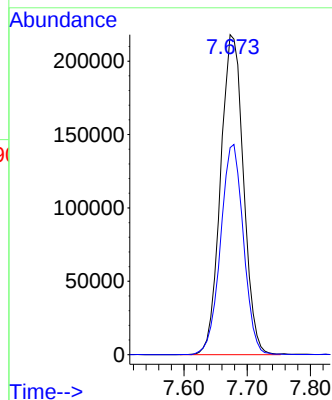
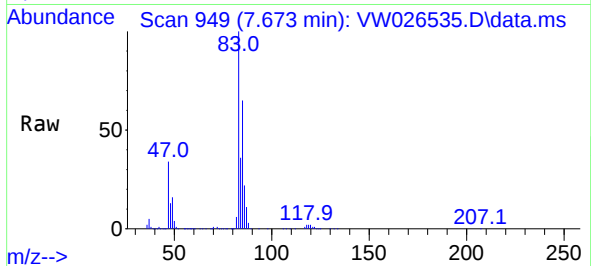




#25
Chloroform
Concen: 23.121 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

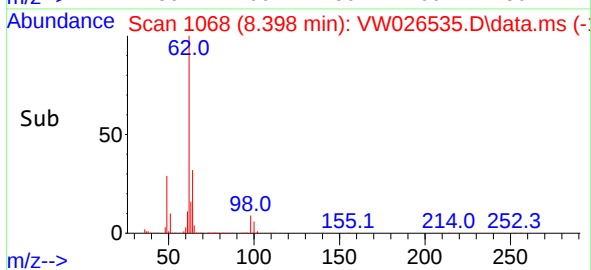
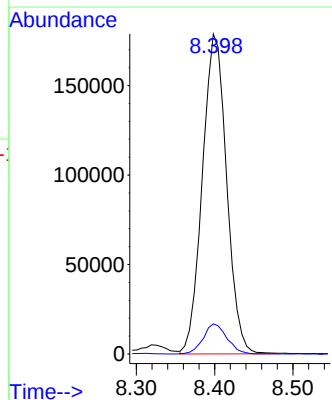
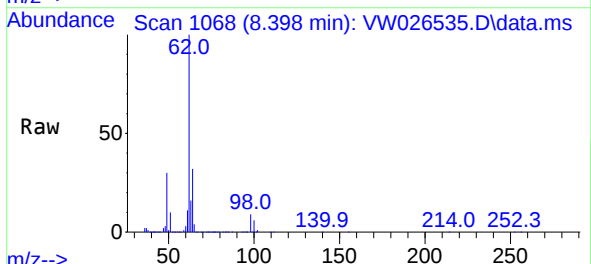
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

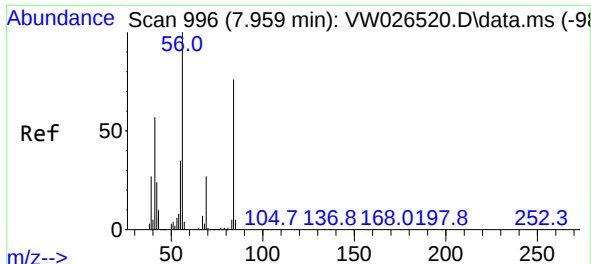
Tgt Ion: 83 Resp: 547495
Ion Ratio Lower Upper
83 100
85 64.7 44.8 83.2



#27
1,2-Dichloroethane
Concen: 22.058 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 62 Resp: 384878
Ion Ratio Lower Upper
62 100
98 9.4 6.8 10.2

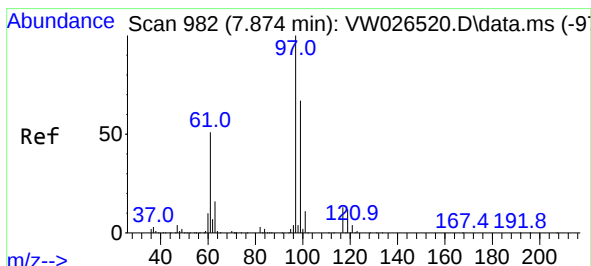
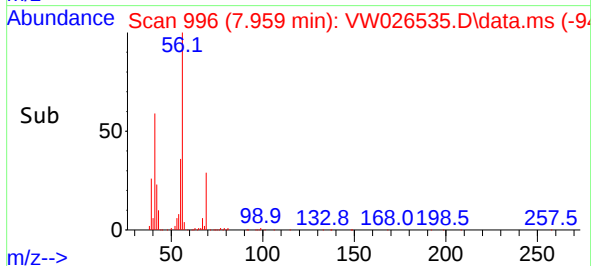
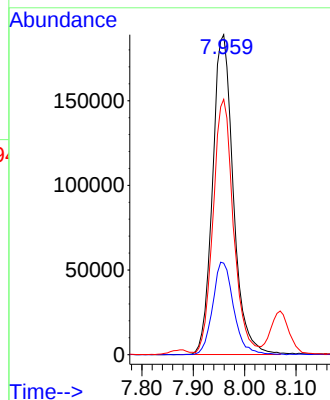
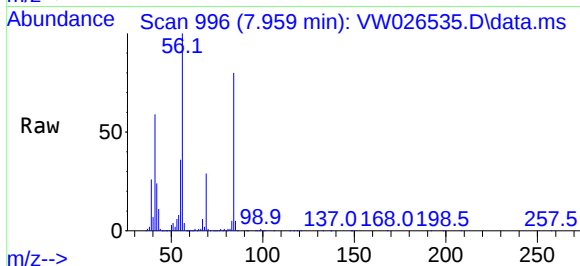




#29
Cyclohexane
Concen: 24.975 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

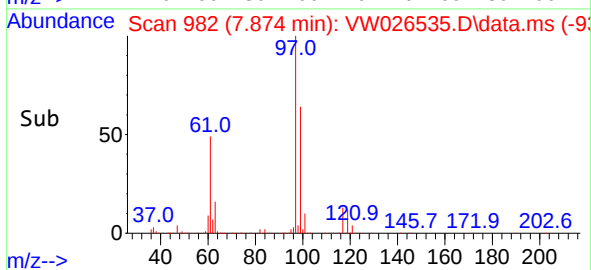
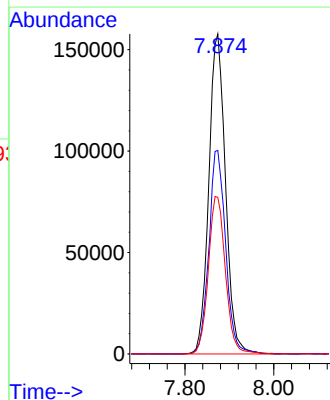
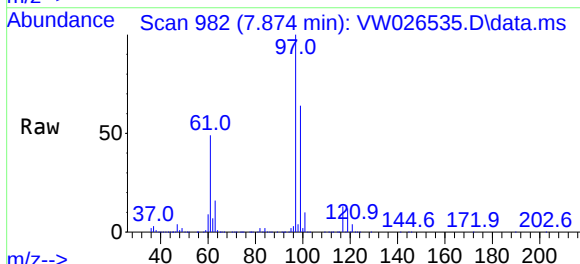
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

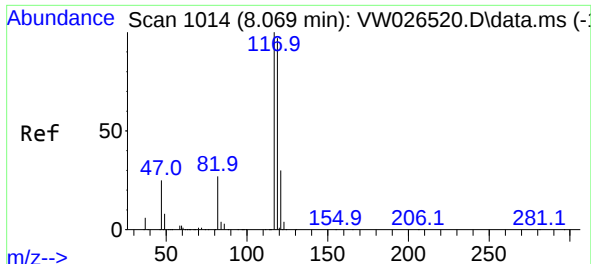
Tgt Ion: 56 Resp: 529776
Ion Ratio Lower Upper
56 100
69 29.0 22.9 34.3
84 78.4 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 24.049 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 97 Resp: 412000
Ion Ratio Lower Upper
97 100
99 64.0 52.2 78.2
61 50.4 40.2 60.2

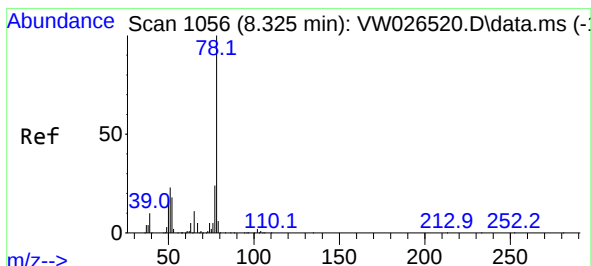
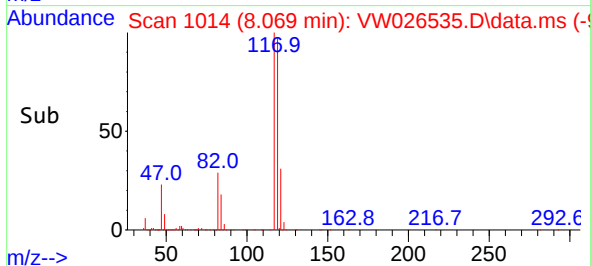
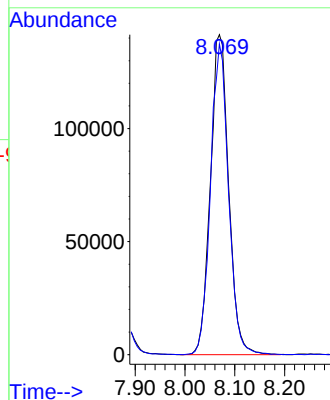
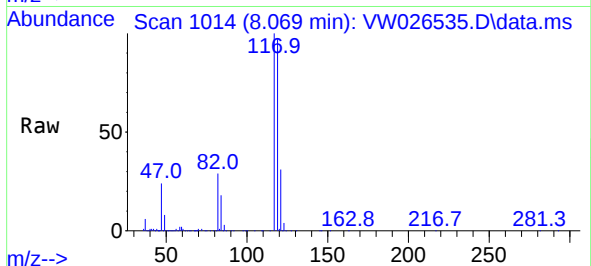




#31
Carbon tetrachloride
Concen: 23.370 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

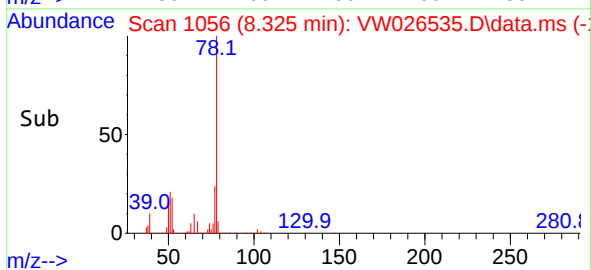
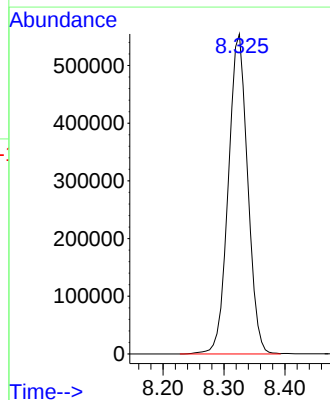
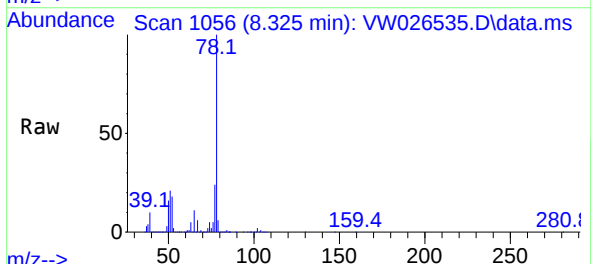
Instrument : MSVOA_W
ClientSampleId : VSTD025549

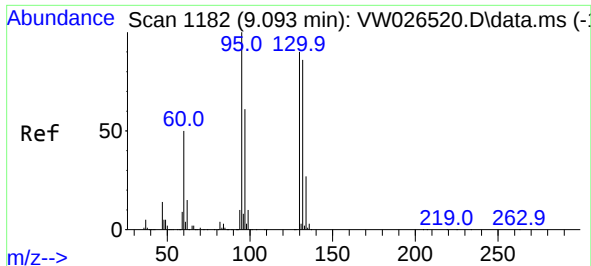
Tgt Ion:117 Resp: 360946
Ion Ratio Lower Upper
117 100
119 95.7 76.3 114.5



#33
Benzene
Concen: 24.802 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 78 Resp: 1223013



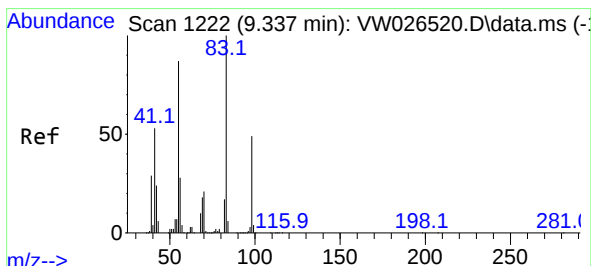
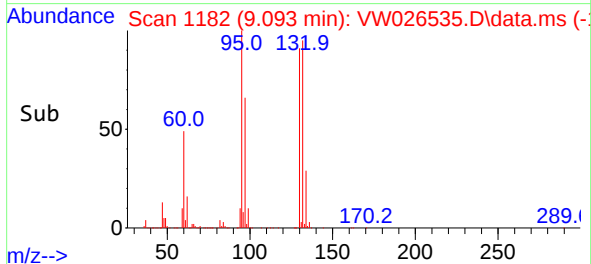
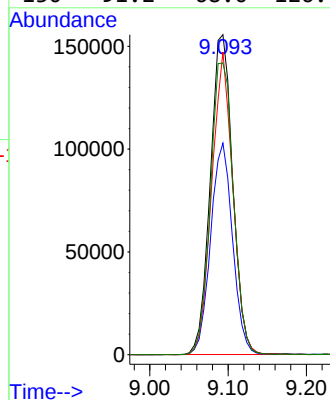
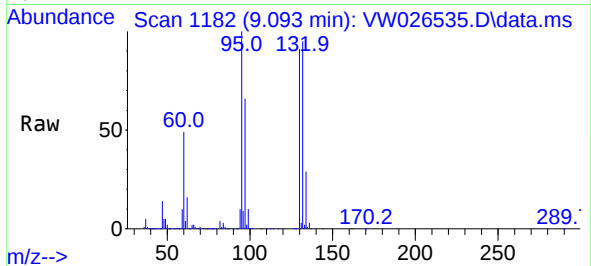


#34
Trichloroethene
Concen: 24.600 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

Tgt Ion: 95 Resp: 309393

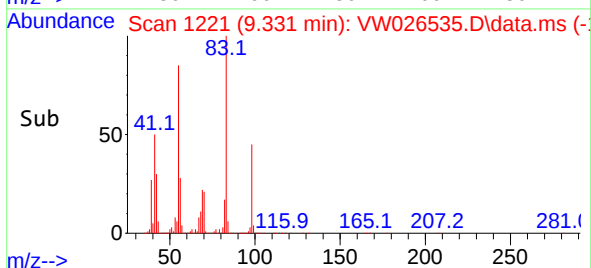
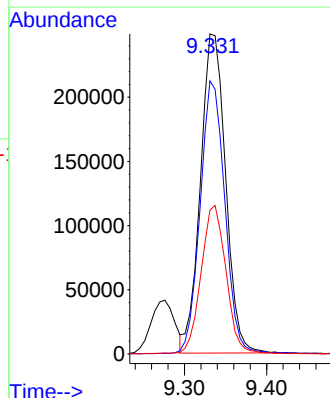
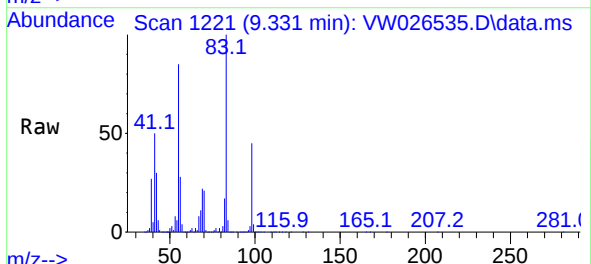
Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.1	83.7
132	94.5	63.2	117.4
130	91.2	68.0	126.4

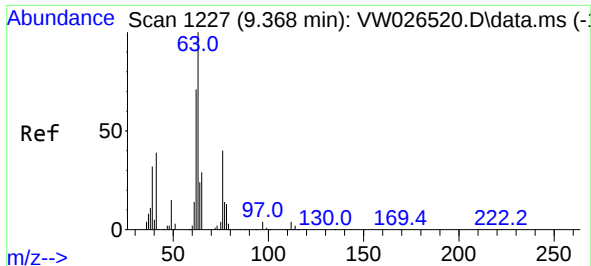


#35
Methylcyclohexane
Concen: 24.631 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 83 Resp: 529152

Ion	Ratio	Lower	Upper
83	100		
55	83.5	67.5	101.3
98	46.2	37.3	55.9

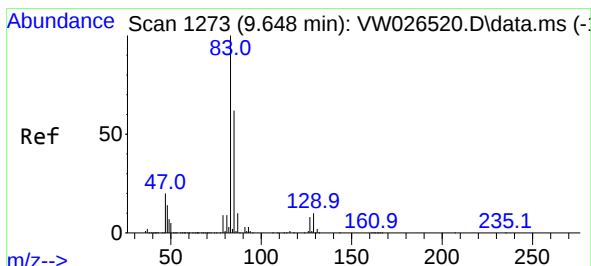
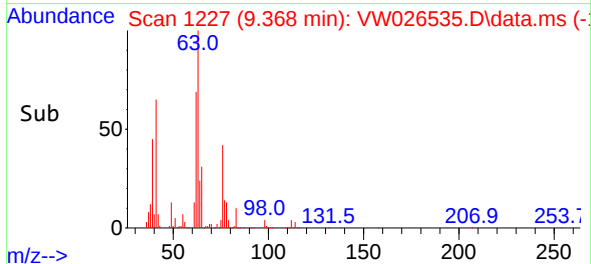
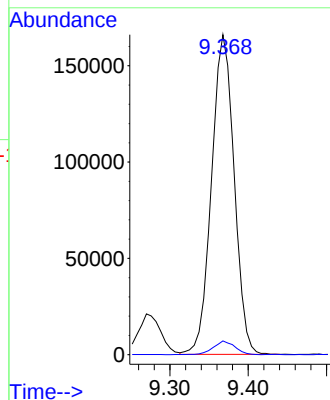
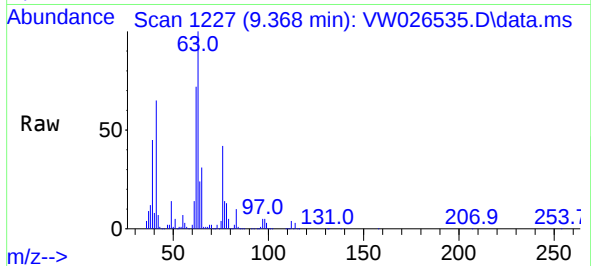




#37
1,2-Dichloropropane
Concen: 24.686 ug/L
RT: 9.368 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

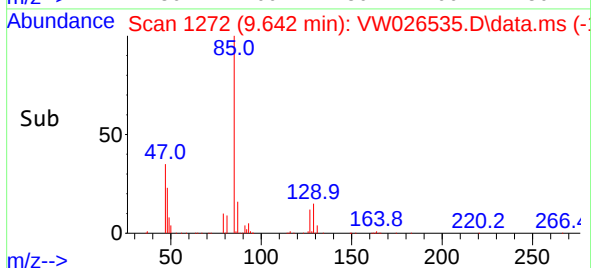
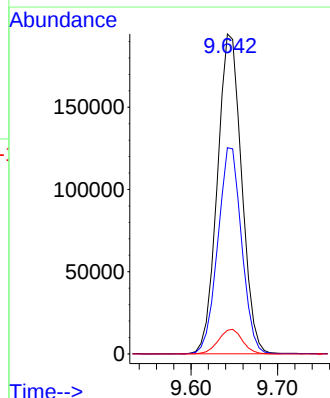
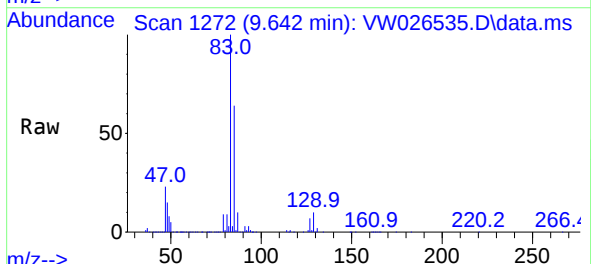
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

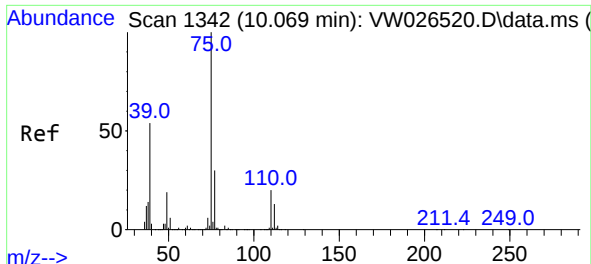
Tgt Ion: 63 Resp: 333482
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 23.729 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 83 Resp: 378242
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.2
127 7.4 5.2 7.8

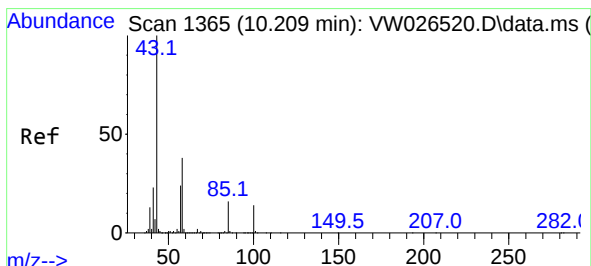
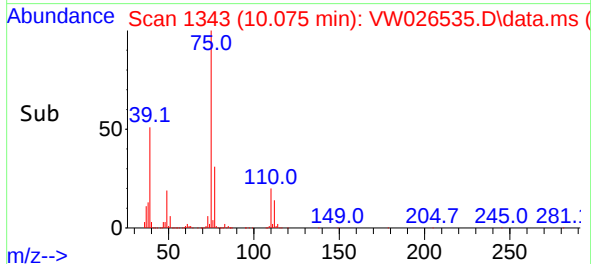
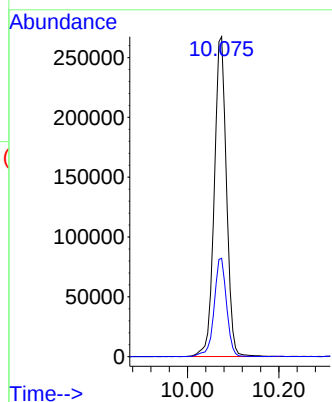
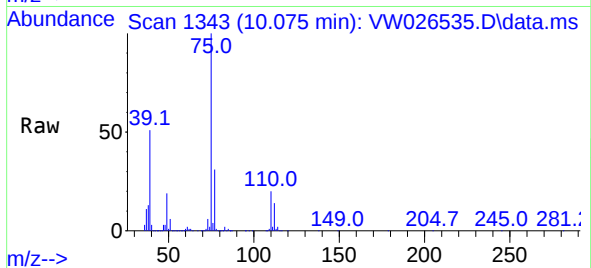




#39
 cis-1,3-Dichloropropene
 Concen: 24.933 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW026535.D
 Acq: 05 Jul 2023 16:43

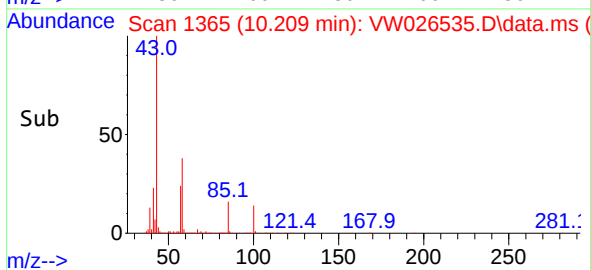
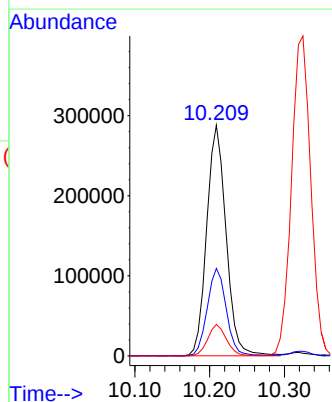
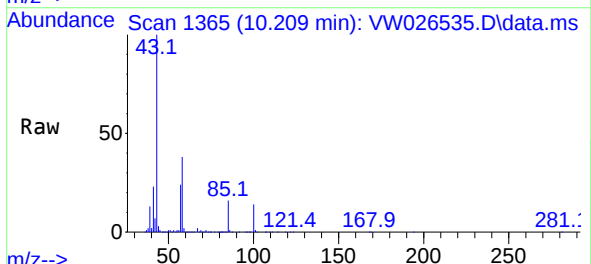
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

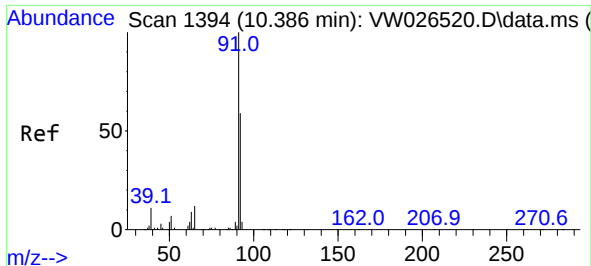
Tgt Ion: 75 Resp: 496644
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 49.571 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026535.D
 Acq: 05 Jul 2023 16:43

Tgt Ion: 43 Resp: 518187
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.8 44.8
 100 13.3 10.6 15.8

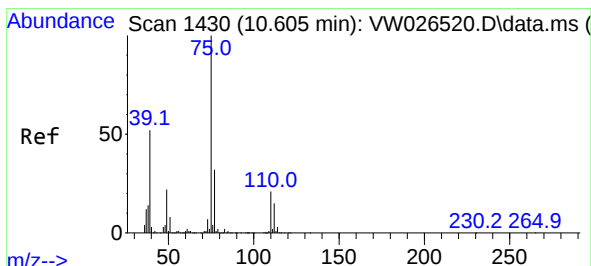
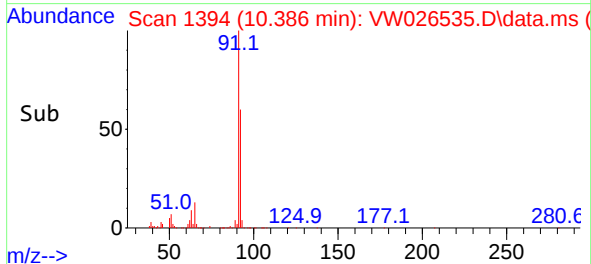
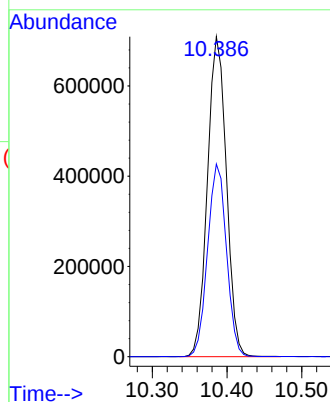
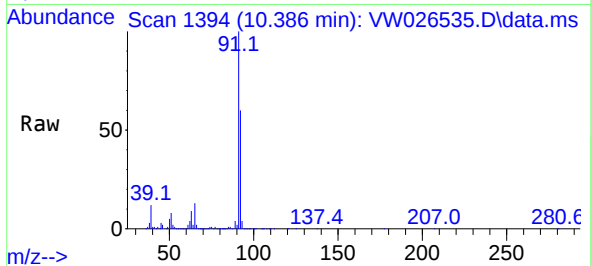




#42
Toluene
Concen: 24.859 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

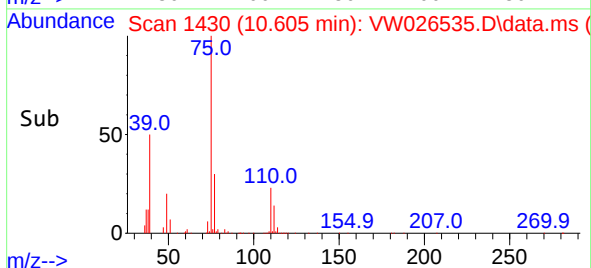
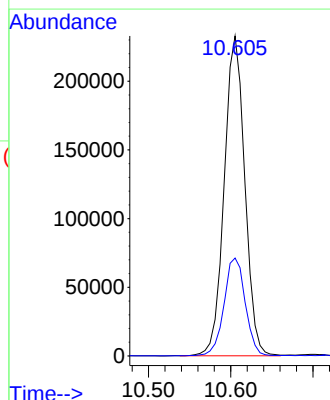
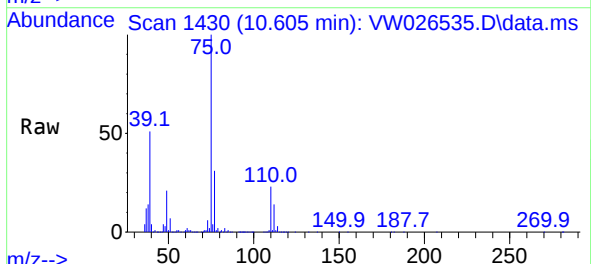
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

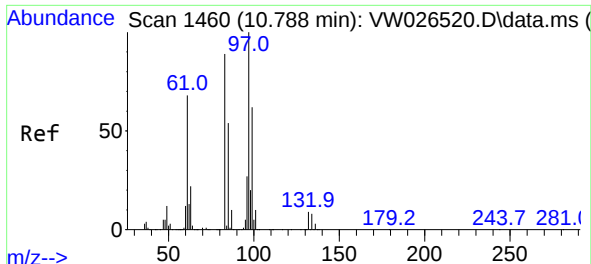
Tgt Ion: 91 Resp: 1247718
Ion Ratio Lower Upper
91 100
92 60.2 42.4 78.8



#44
trans-1,3-Dichloropropene
Concen: 24.294 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 75 Resp: 405546
Ion Ratio Lower Upper
75 100
77 30.6 22.6 42.0



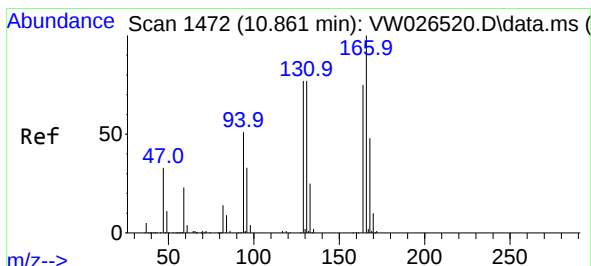
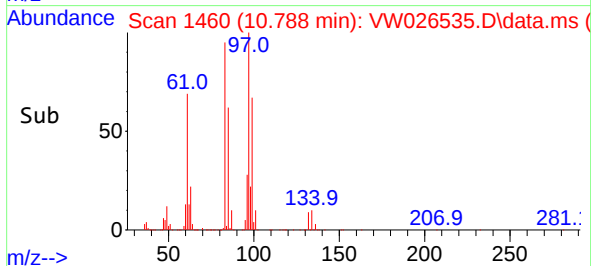
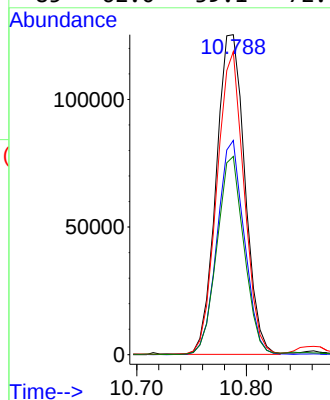
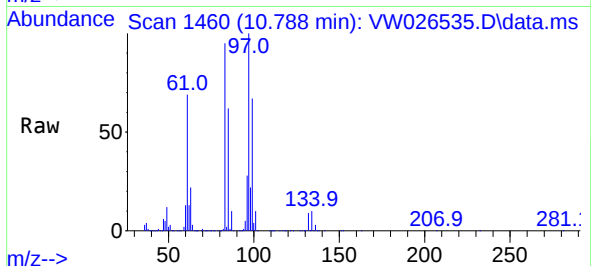


#45
1,1,2-Trichloroethane
Concen: 22.954 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

Tgt Ion: 97 Resp: 227949

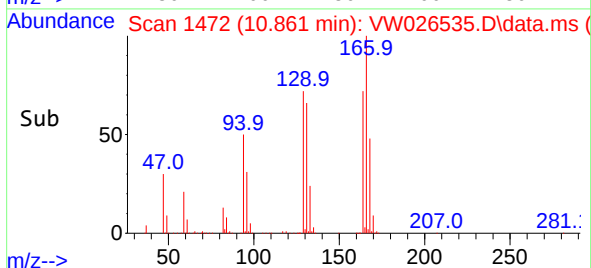
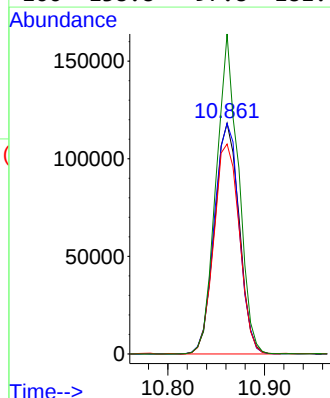
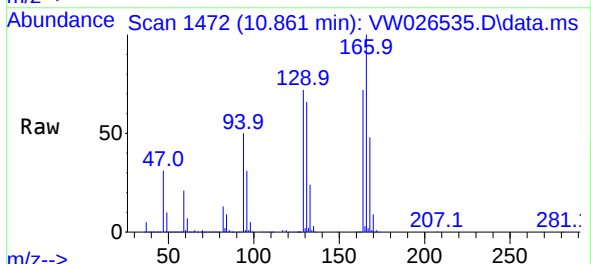
Ion	Ratio	Lower	Upper
97	100		
99	67.0	42.1	78.1
83	94.7	59.9	111.3
85	62.0	39.1	72.7

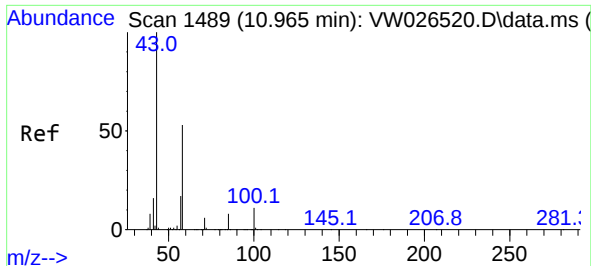


#46
Tetrachloroethene
Concen: 23.640 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 164 Resp: 208629

Ion	Ratio	Lower	Upper
164	100		
129	100.0	73.0	135.6
131	91.1	69.2	128.6
166	138.8	97.8	181.6





#48

2-Hexanone

Concen: 46.863 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW026535.D

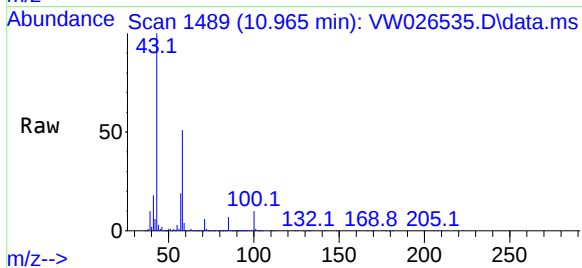
Acq: 05 Jul 2023 16:43

Instrument :

MSVOA_W

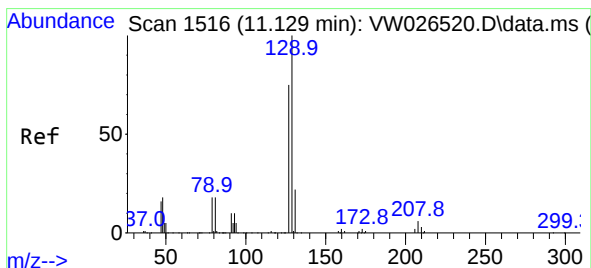
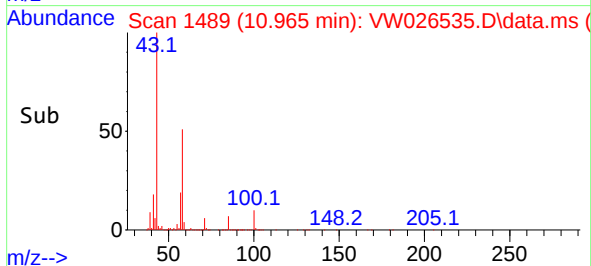
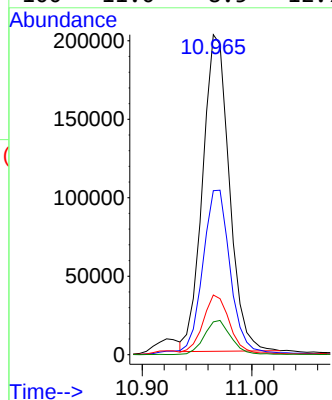
ClientSampleId :

VSTD025549



Tgt Ion: 43 Resp: 341597

Ion	Ratio	Lower	Upper
43	100		
58	53.3	39.9	59.9
57	18.6	14.1	21.1
100	11.0	8.5	12.7



#49

Dibromochloromethane

Concen: 23.014 ug/L

RT: 11.129 min Scan# 1516

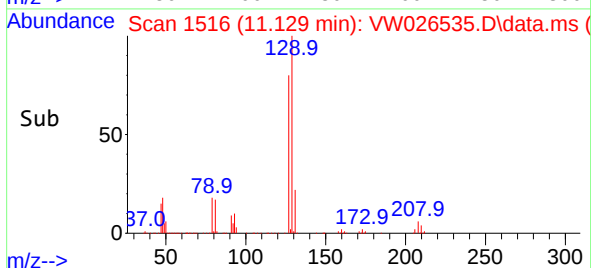
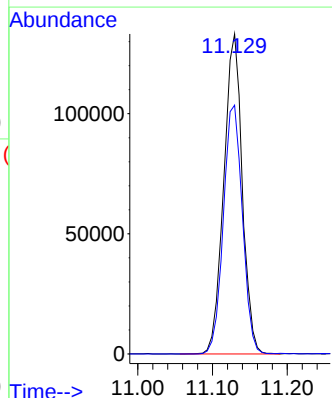
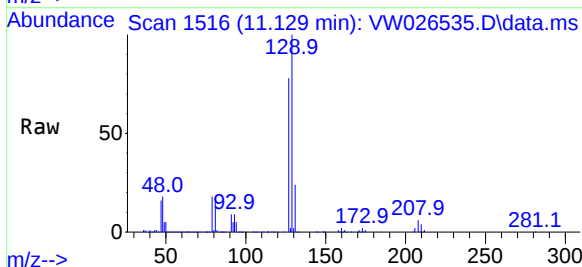
Delta R.T. -0.000 min

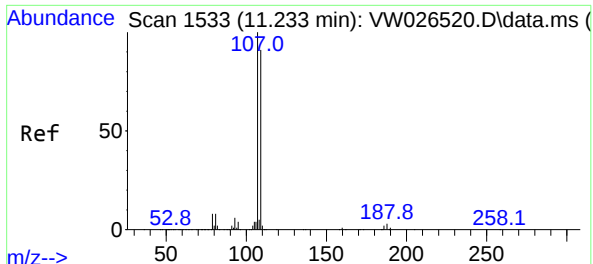
Lab File: VW026535.D

Acq: 05 Jul 2023 16:43

Tgt Ion: 129 Resp: 228978

Ion	Ratio	Lower	Upper
129	100		
127	77.8	50.0	93.0

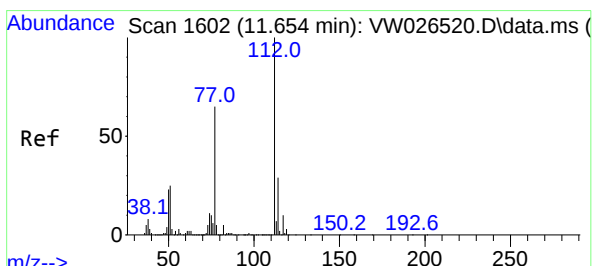
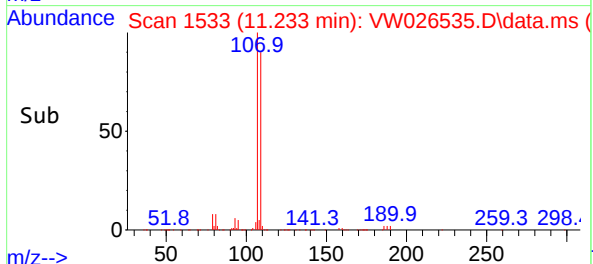
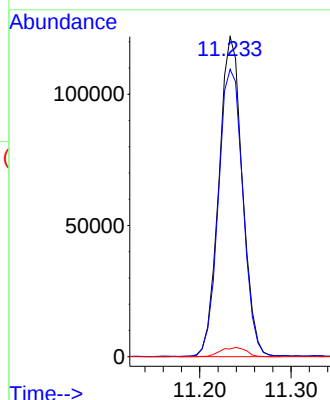
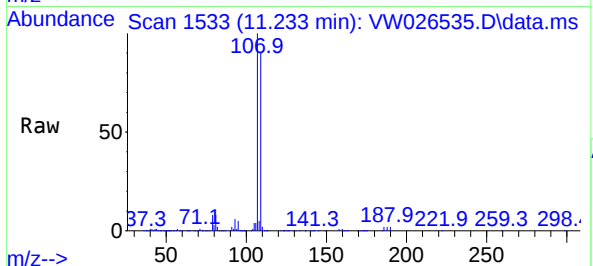




#50
1,2-Dibromoethane
Concen: 23.960 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

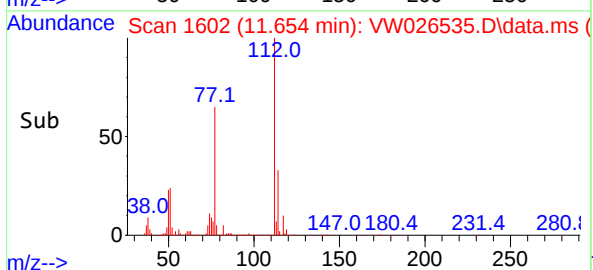
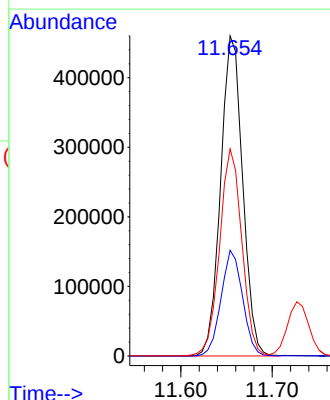
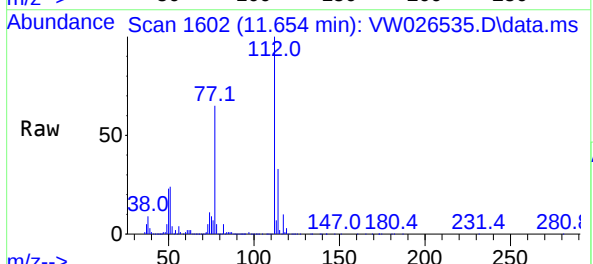
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

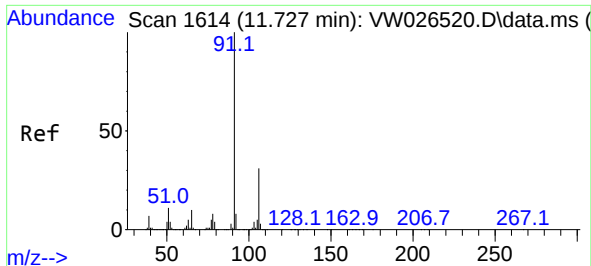
Tgt Ion:107 Resp: 218206
Ion Ratio Lower Upper
107 100
109 89.8 67.7 125.7
188 2.4 2.7 4.1#



#51
Chlorobenzene
Concen: 23.515 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion:112 Resp: 771445
Ion Ratio Lower Upper
112 100
114 33.0 22.2 41.2
77 64.7 53.4 80.2

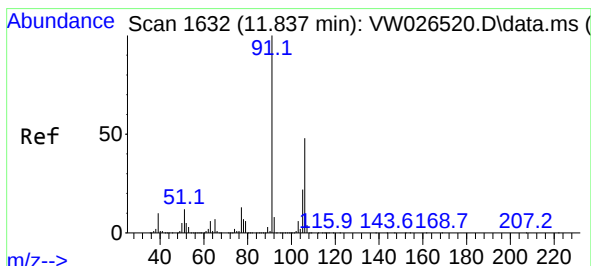
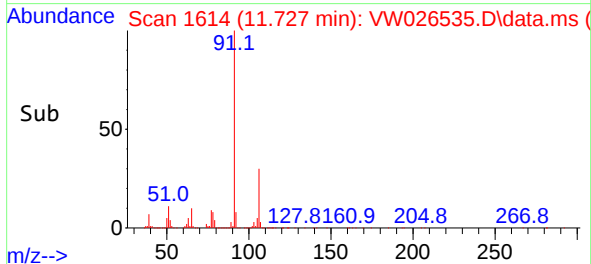
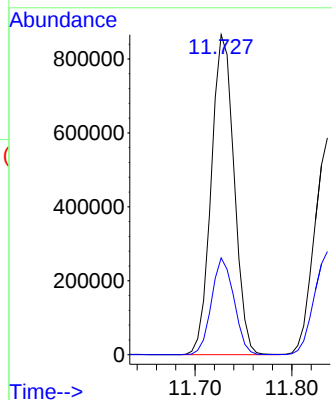
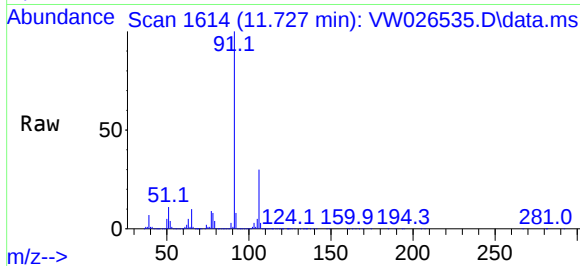




#52
Ethylbenzene
Concen: 23.946 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

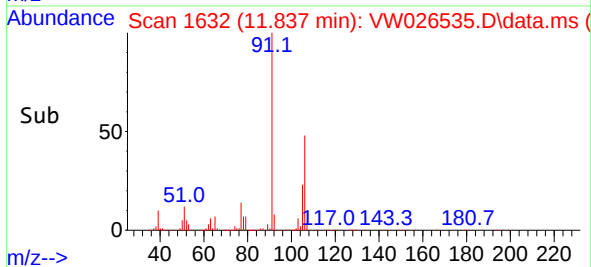
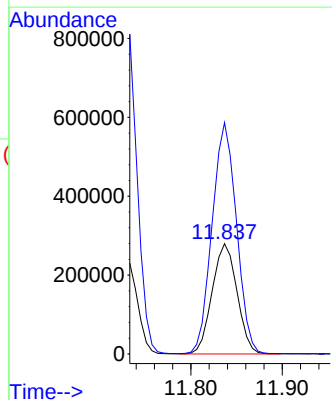
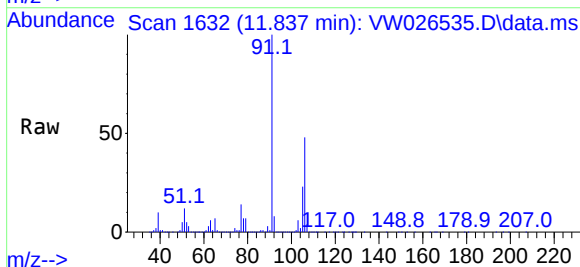
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

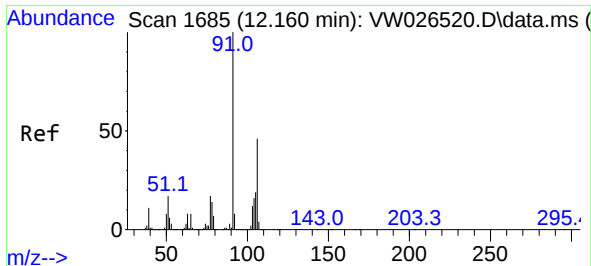
Tgt Ion: 91 Resp: 1419267
Ion Ratio Lower Upper
91 100
106 30.3 20.7 38.5



#53
m,p-Xylene
Concen: 24.367 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 106 Resp: 528065
Ion Ratio Lower Upper
106 100
91 210.0 152.7 283.7

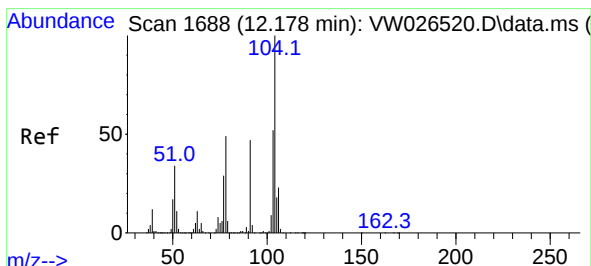
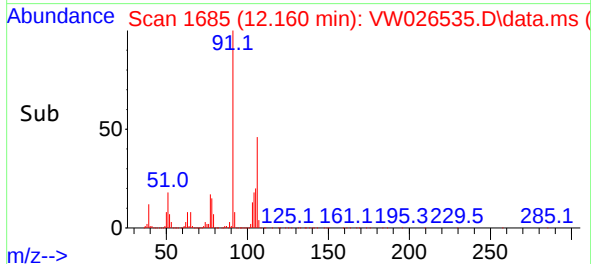
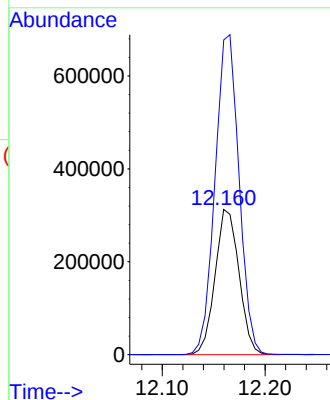
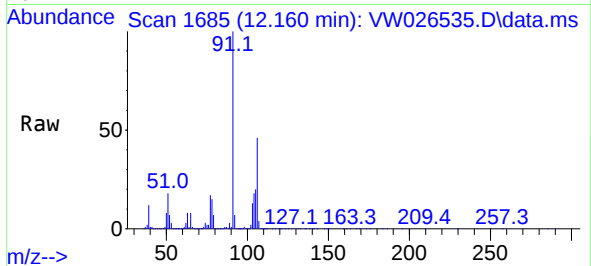




#54
o-Xylene
Concen: 24.063 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

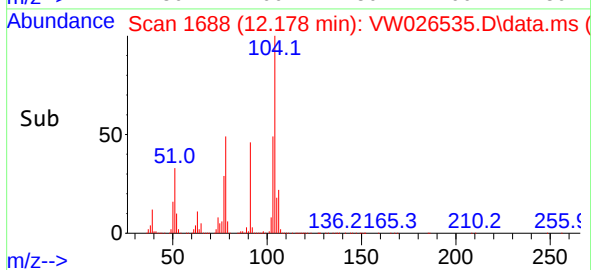
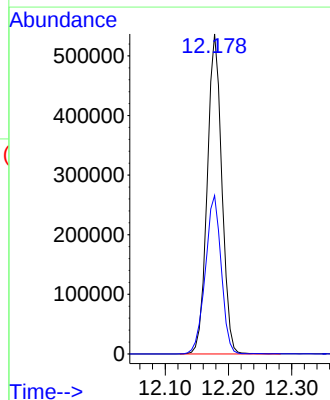
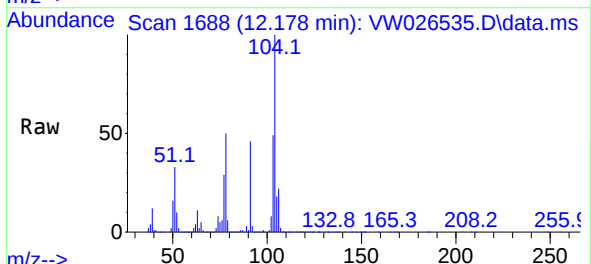
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

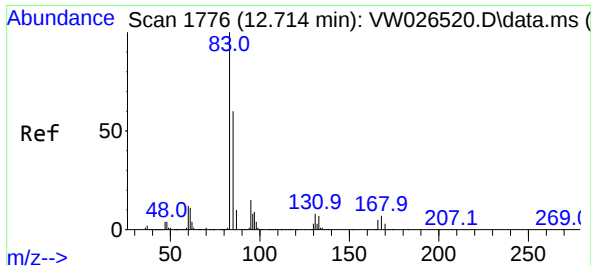
Tgt Ion:106 Resp: 505261
Ion Ratio Lower Upper
106 100
91 216.7 151.8 282.0



#55
Styrene
Concen: 24.012 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion:104 Resp: 862218
Ion Ratio Lower Upper
104 100
78 49.5 35.6 66.2

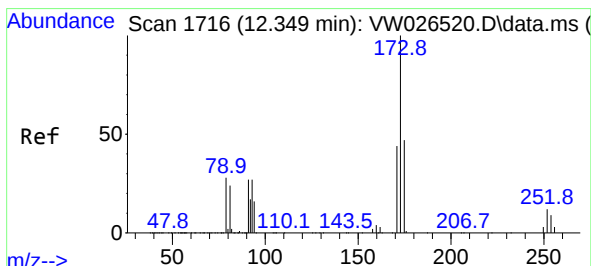
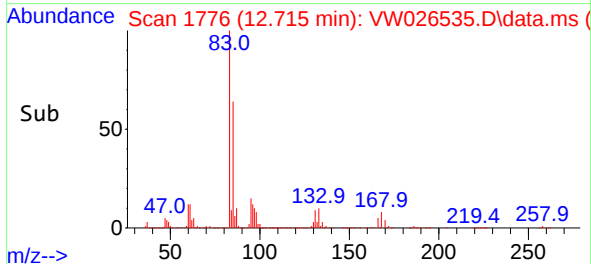
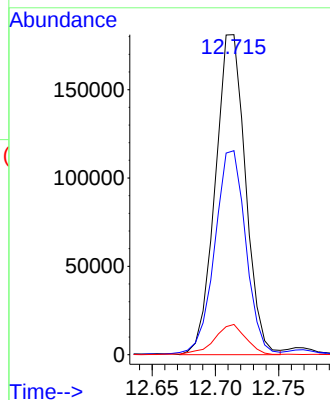
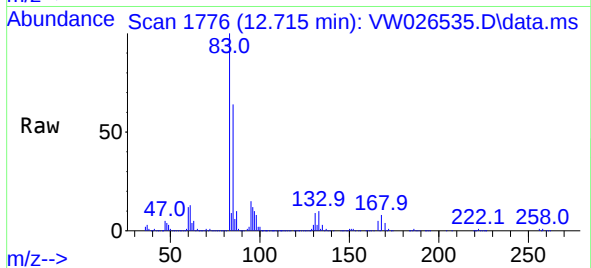




#57
1,1,2-Tetrachloroethane
Concen: 23.171 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

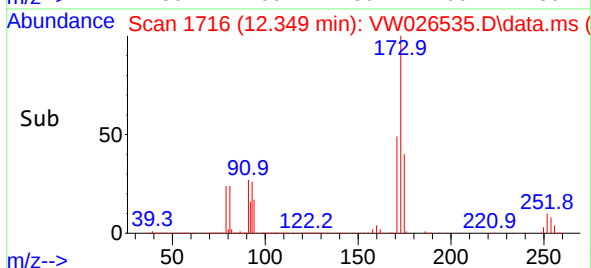
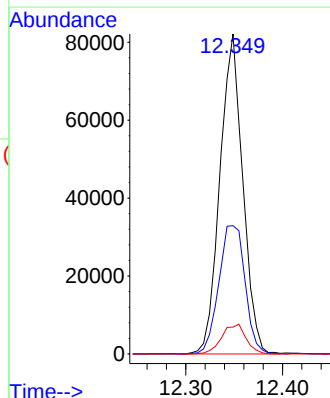
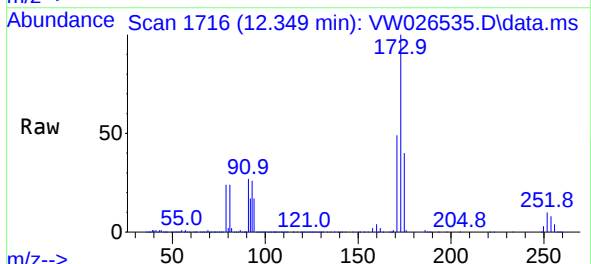
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

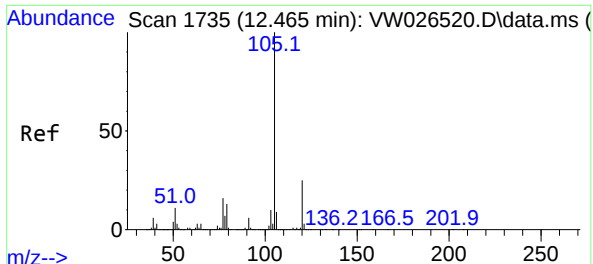
Tgt Ion: 83 Resp: 301234
Ion Ratio Lower Upper
83 100
85 63.8 44.4 82.5
131 9.4 7.2 10.8



#59
Bromoform
Concen: 22.861 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 173 Resp: 134730
Ion Ratio Lower Upper
173 100
175 46.1 39.0 58.4
254 9.9 7.0 10.6

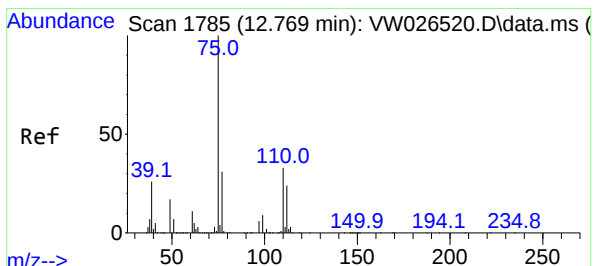
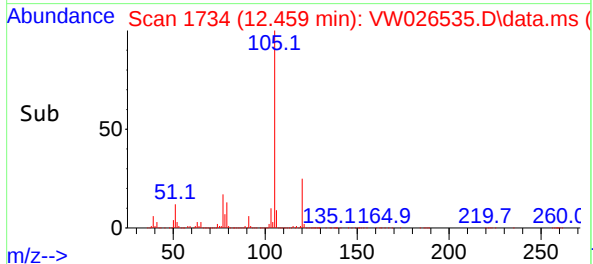
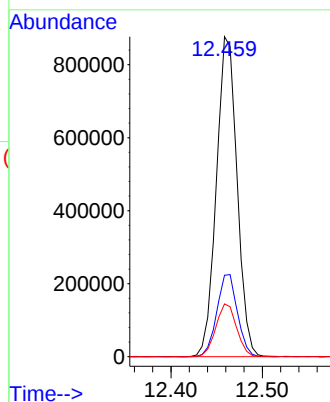
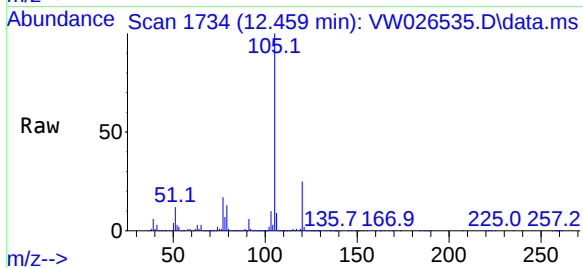




#60
Isopropylbenzene
Concen: 23.948 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

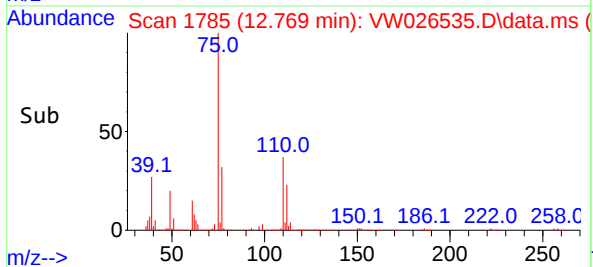
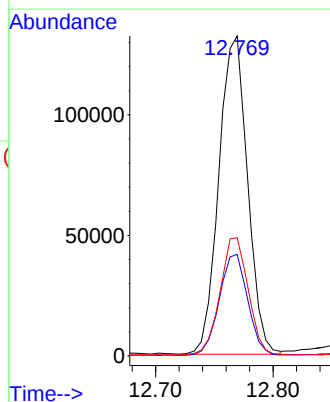
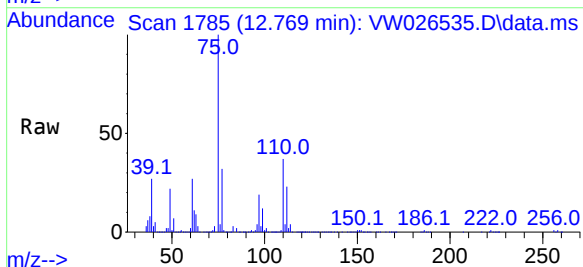
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

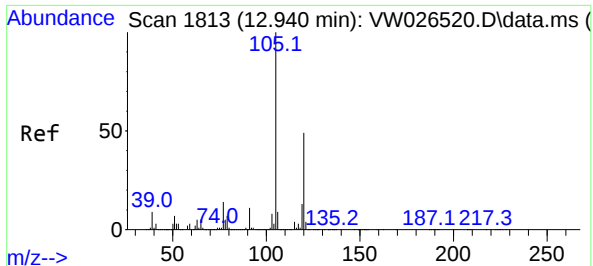
Tgt Ion:105 Resp: 1379991
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 22.901 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 75 Resp: 224161
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7
110 36.2 28.3 42.5

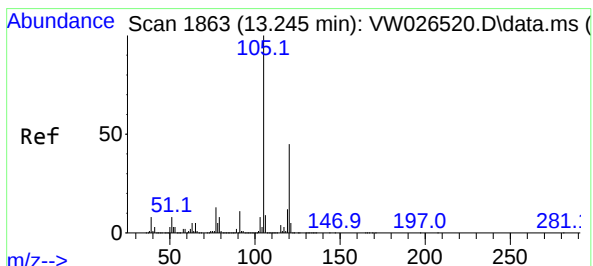
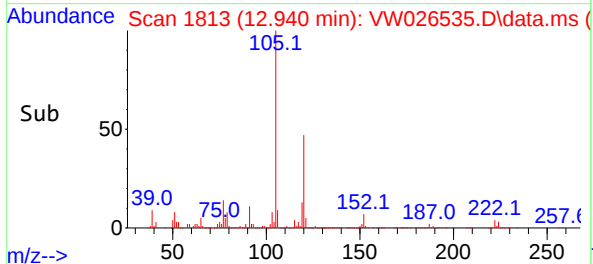
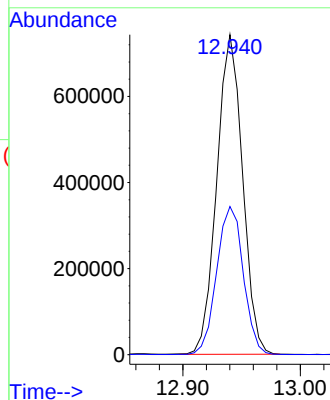
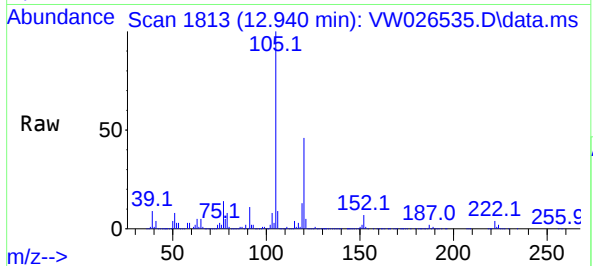




#62
1,3,5-Trimethylbenzene
Concen: 23.818 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

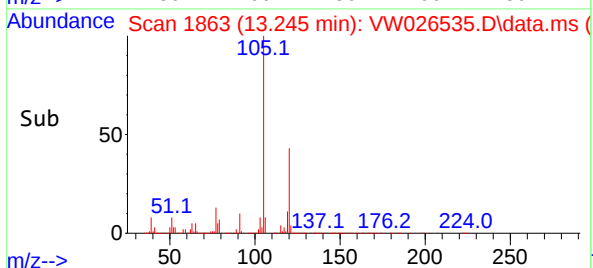
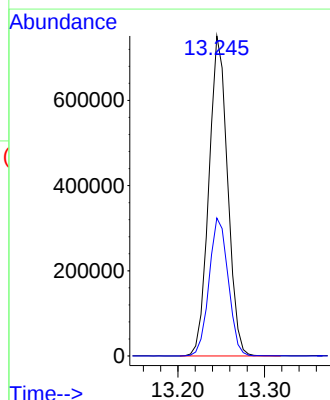
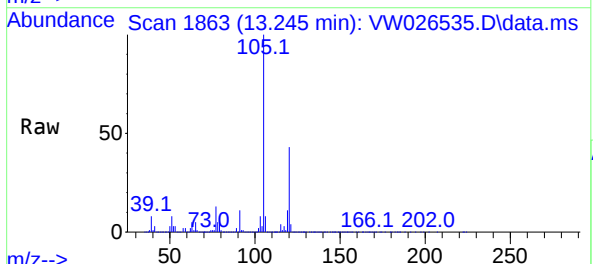
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

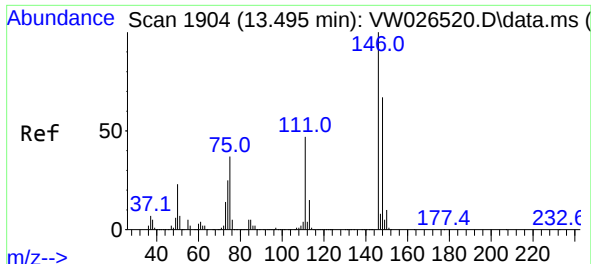
Tgt Ion:105 Resp: 1131617
Ion Ratio Lower Upper
105 100
120 48.0 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 24.639 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion:105 Resp: 1126083
Ion Ratio Lower Upper
105 100
120 43.9 35.5 53.3

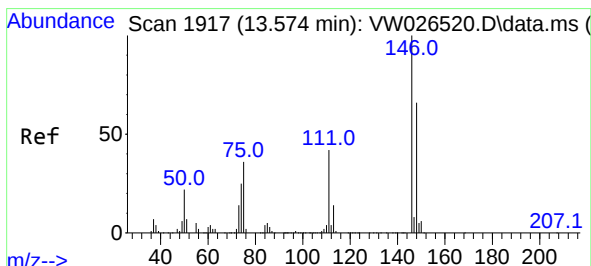
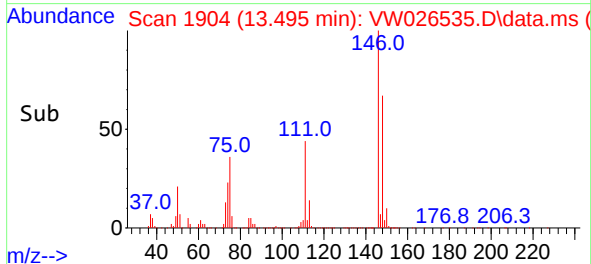
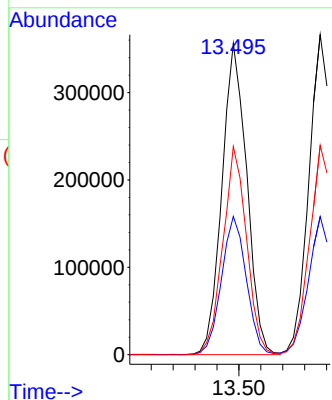
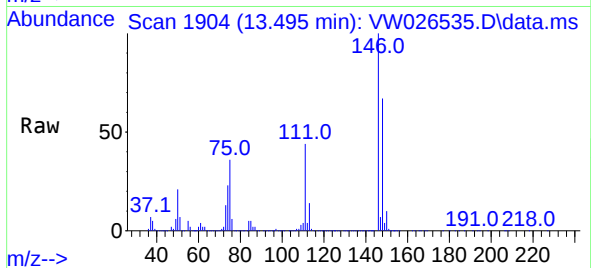




#64
1,3-Dichlorobenzene
Concen: 22.895 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

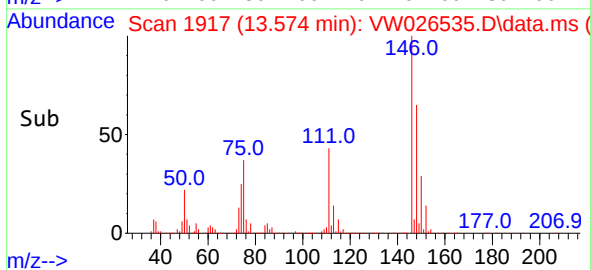
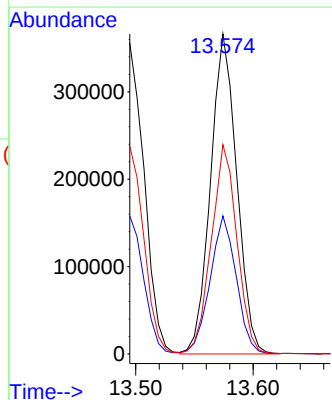
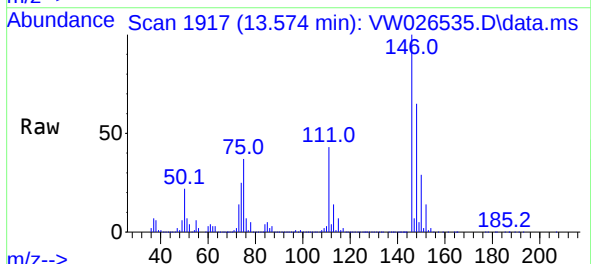
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

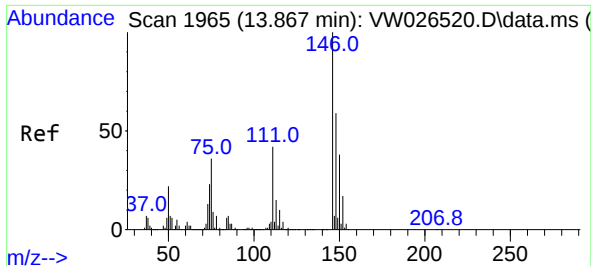
Tgt Ion:146 Resp: 561276
Ion Ratio Lower Upper
146 100
111 44.4 32.7 60.7
148 66.9 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 23.290 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion:146 Resp: 569326
Ion Ratio Lower Upper
146 100
111 43.1 30.2 56.0
148 65.4 44.0 81.6

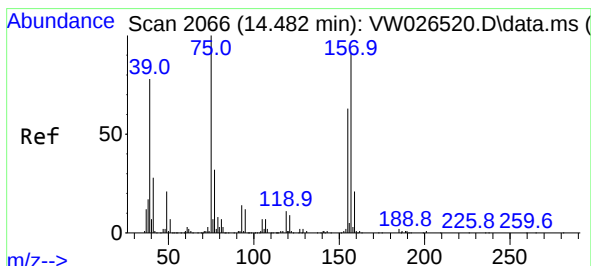
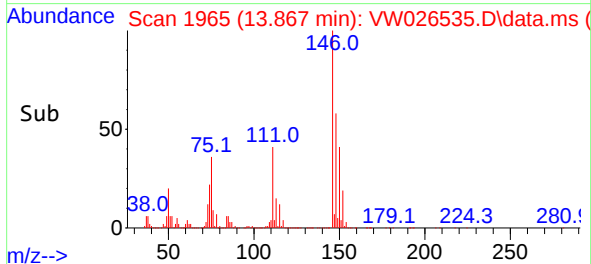
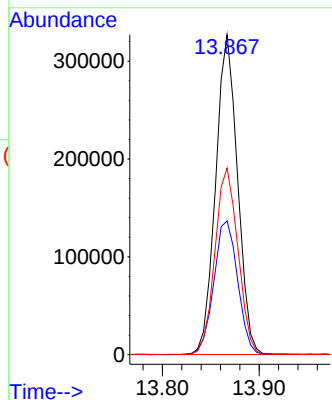
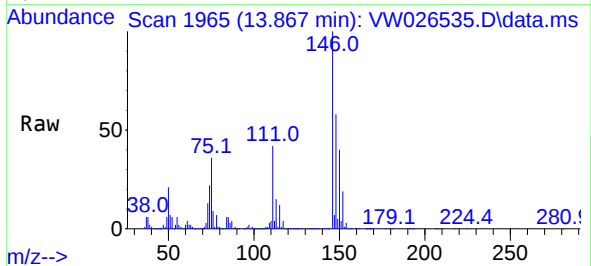




#67
1,2-Dichlorobenzene
Concen: 22.282 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

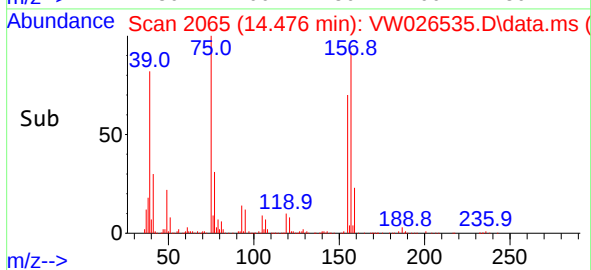
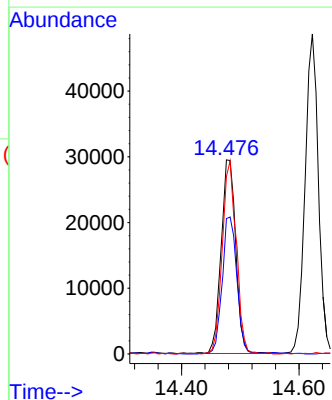
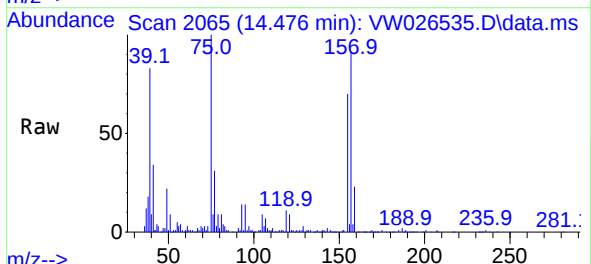
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

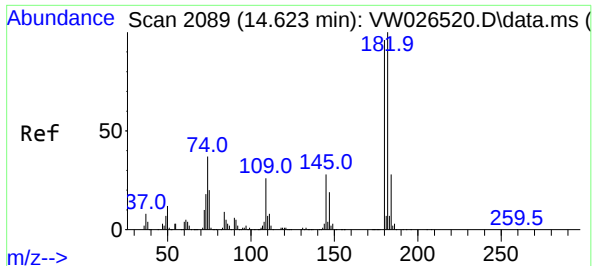
Tgt Ion:146 Resp: 514595
Ion Ratio Lower Upper
146 100
111 41.8 36.6 55.0
148 58.3 55.1 82.7



#68
1,2-Dibromo-3-chloropropane
Concen: 20.682 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion: 75 Resp: 51052
Ion Ratio Lower Upper
75 100
155 69.8 57.3 85.9
157 91.4 76.9 115.3

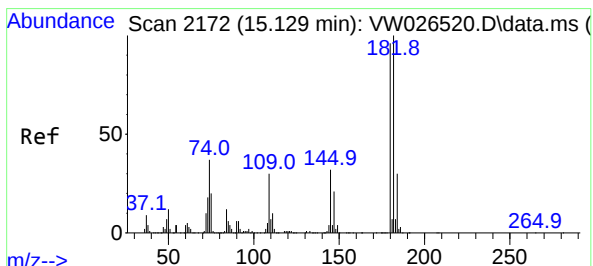
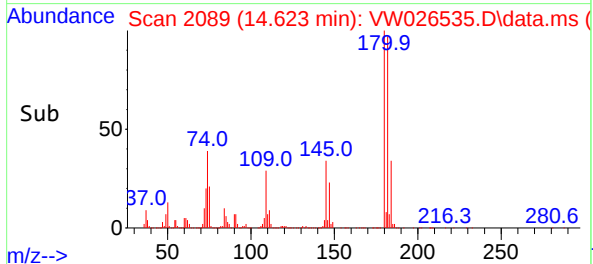
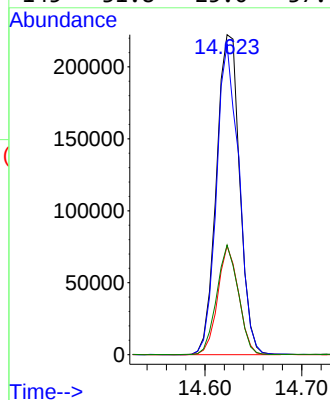
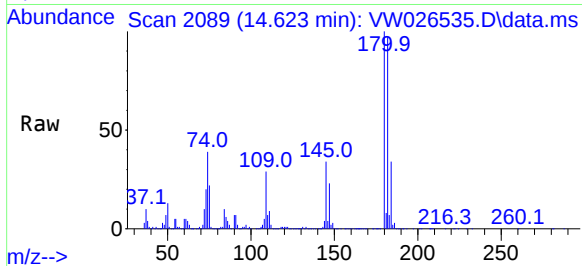




#69
1,3,5-Trichlorobenzene
Concen: 22.742 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.006 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

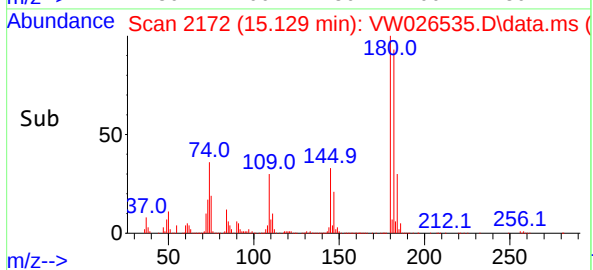
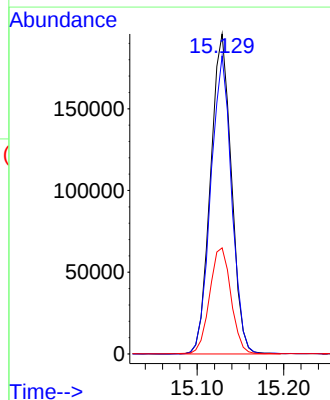
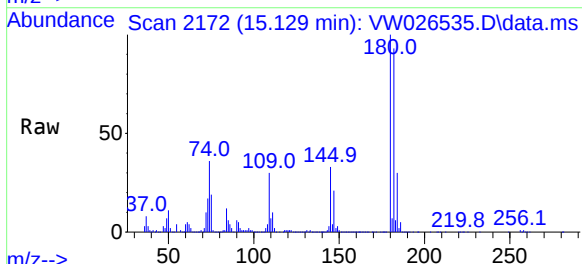
Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

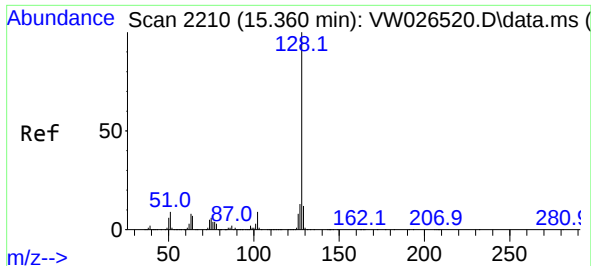
Tgt	Ion:180	Resp:	370858
Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.5	113.3
184	30.6	23.8	35.8
145	31.8	25.0	37.4



#70
1,2,4-trichlorobenzene
Concen: 24.628 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt	Ion:180	Resp:	327622
Ion	Ratio	Lower	Upper
180	100		
182	93.0	74.5	111.7
145	33.8	25.9	38.9



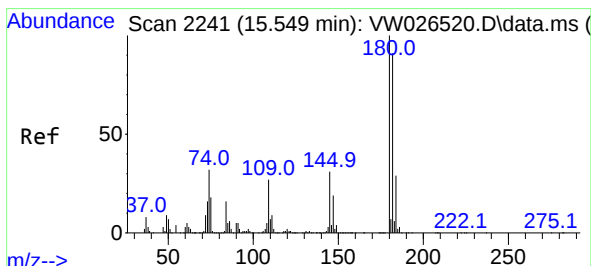
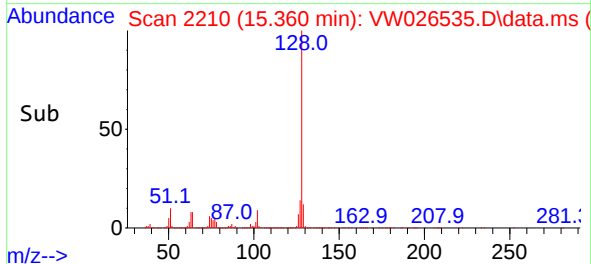
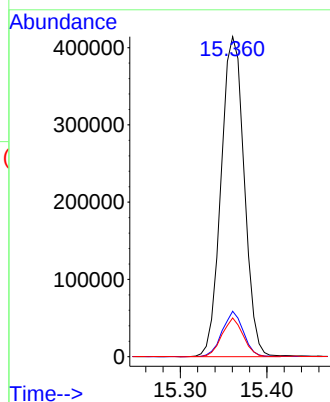
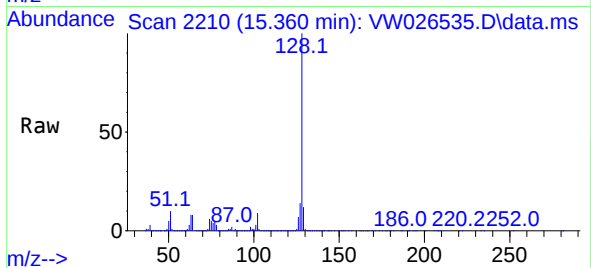


#71
Naphthalene
Concen: 25.793 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

Tgt Ion:128 Resp: 767868

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.836 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026535.D
Acq: 05 Jul 2023 16:43

Tgt Ion:180 Resp: 295184

Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.3	112.9
145	33.9	29.0	43.6

