

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121323\
 Data File : VW027594.D
 Acq On : 13 Dec 2023 14:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:18:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 13 04:25:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	249560	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	222620	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	112993	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	99764	19.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.480%
7) Chloroethane-d5	2.899	69	81451	22.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.480%
11) 1,1-Dichloroethene-d2	4.021	65	46115	21.701	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.800%
21) 2-Butanone-d5	7.075	46	70262	53.392	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.780%
24) Chloroform-d	7.648	84	194277	26.080	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.320%
26) 1,2-Dichloroethane-d4	8.307	65	99484	26.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.480%
32) Benzene-d6	8.276	84	389200	24.822	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.280%
36) 1,2-Dichloropropane-d6	9.270	67	119779	25.913	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.640%
41) Toluene-d8	10.319	98	334013	24.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	10.575	79	44614	24.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.840%
47) 2-Hexanone-d5	10.922	63	48223	55.992	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100171	26.347	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	13.849	152	102609	25.906	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80655	24.138	ug/L	98
3) Chloromethane	2.223	50	104398	25.510	ug/L	100
5) Vinyl chloride	2.369	62	119978	25.133	ug/L	99
6) Bromomethane	2.789	94	64369	25.694	ug/L	99
8) Chloroethane	2.930	64	67603	24.795	ug/L	99
9) Trichlorofluoromethane	3.271	101	112056	24.509	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	88604	22.727	ug/L	99
12) 1,1-Dichloroethene	4.045	96	89012	25.006	ug/L	87
13) Acetone	4.119	43	71003	55.969	ug/L	99
14) Carbon disulfide	4.393	76	295722	27.491	ug/L	97
15) Methyl Acetate	4.673	43	48005	21.652	ug/L	99
16) Methylene chloride	4.917	84	99554	24.463	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	93359	25.436	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	146866	24.807	ug/L	98
19) 1,1-Dichloroethane	6.216	63	186322	24.962	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	99028	25.123	ug/L	95
22) 2-Butanone	7.167	43	79549	48.605	ug/L	97
23) Bromochloromethane	7.514	128	38761	25.001	ug/L	96
25) Chloroform	7.679	83	169436	25.000	ug/L	92

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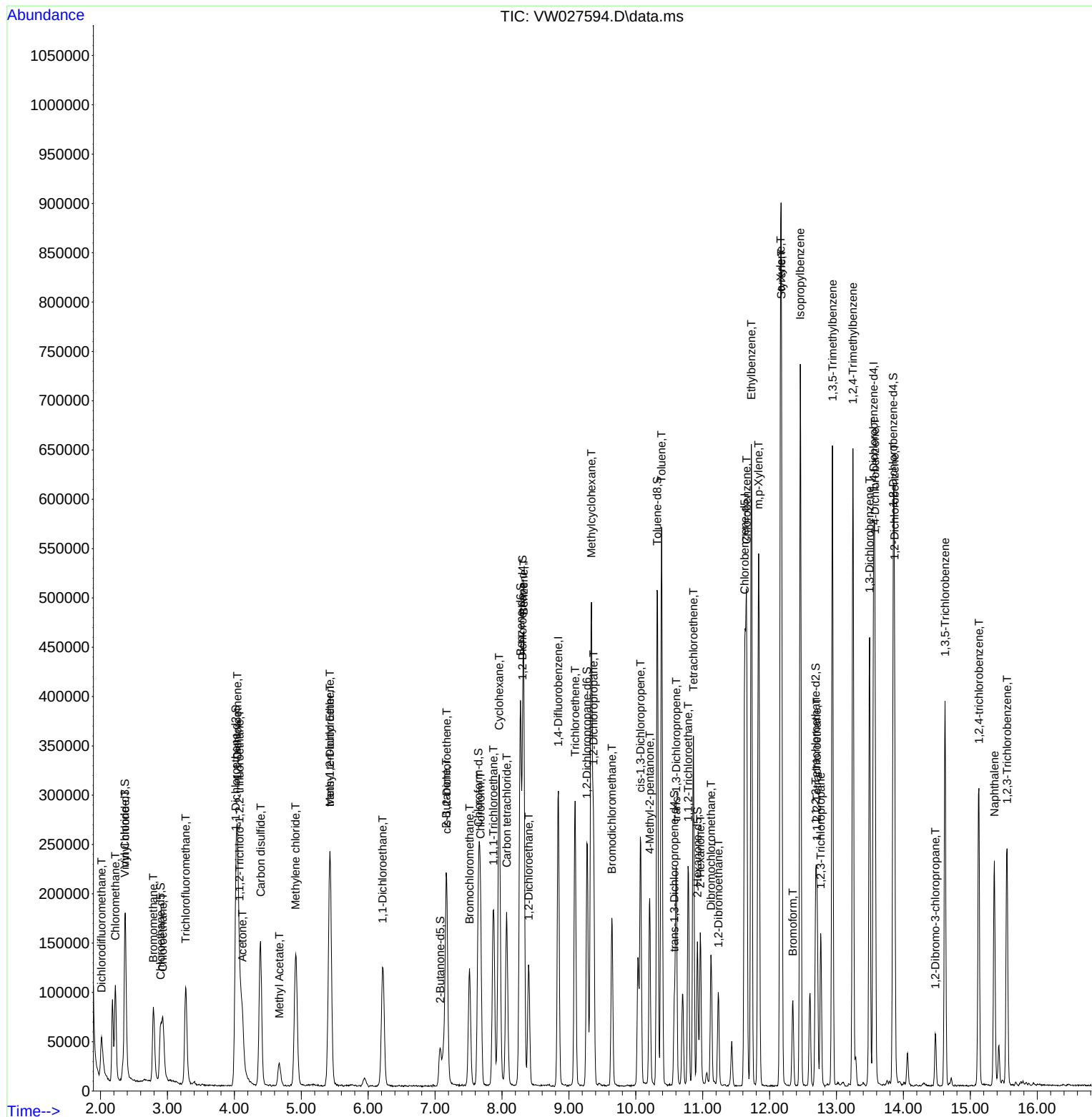
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	110436	25.211	ug/L	98
29) Cyclohexane	7.959	56	184117	25.156	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	149131	24.014	ug/L	99
31) Carbon tetrachloride	8.069	117	129447	23.898	ug/L	97
33) Benzene	8.325	78	388083	25.258	ug/L	100
34) Trichloroethene	9.093	95	102554	24.436	ug/L	96
35) Methylcyclohexane	9.337	83	194216	25.989	ug/L	99
37) 1,2-Dichloropropane	9.368	63	100888	24.869	ug/L	99
38) Bromodichloromethane	9.642	83	114131	24.336	ug/L #	96
39) cis-1,3-Dichloropropene	10.069	75	150284	25.662	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	131101	47.810	ug/L	100
42) Toluene	10.386	91	408288	25.124	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	121420	25.702	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	67859	24.019	ug/L	96
46) Tetrachloroethene	10.861	164	75275	25.159	ug/L	95
48) 2-Hexanone	10.965	43	99816	51.650	ug/L	99
49) Dibromochloromethane	11.123	129	67627	24.216	ug/L	98
50) 1,2-Dibromoethane	11.233	107	63868	24.709	ug/L	99
51) Chlorobenzene	11.654	112	238979	24.375	ug/L	98
52) Ethylbenzene	11.727	91	451293	24.447	ug/L	92
53) m,p-Xylene	11.837	106	172811	25.406	ug/L	99
54) o-Xylene	12.166	106	158405	25.622	ug/L	89
55) Styrene	12.178	104	269066	25.499	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	87255	23.723	ug/L	95
59) Bromoform	12.349	173	37600	23.759	ug/L #	99
60) Isopropylbenzene	12.459	105	455413	24.411	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63662	23.359	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	332919	24.127	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	341736	24.867	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	171921	24.058	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	170846	23.969	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	153411	23.829	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	13420	20.472	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	106337	22.129	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	90341	24.210	ug/L	97
71) Naphthalene	15.360	128	185686	23.658	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	77617	24.281	ug/L	98

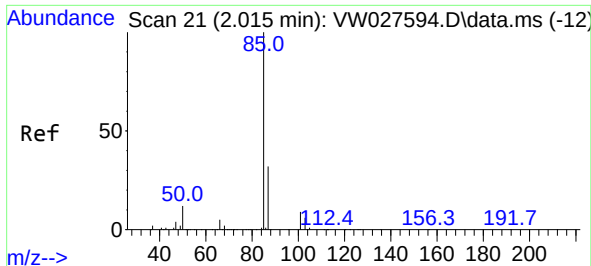
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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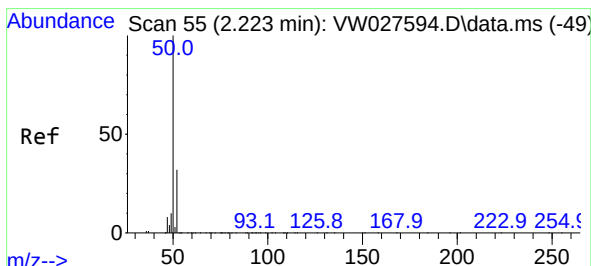
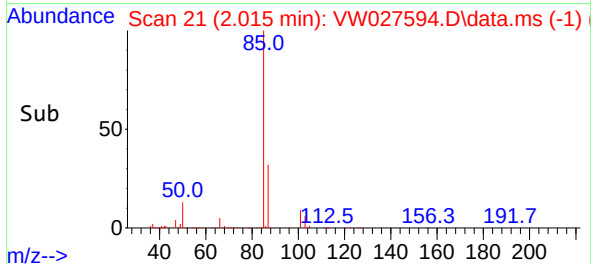
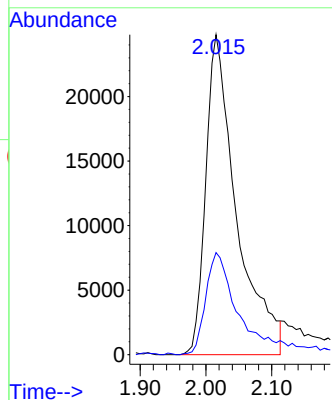
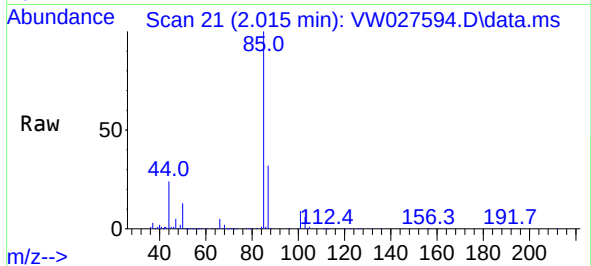




#2
Dichlorodifluoromethane
Concen: 24.138 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

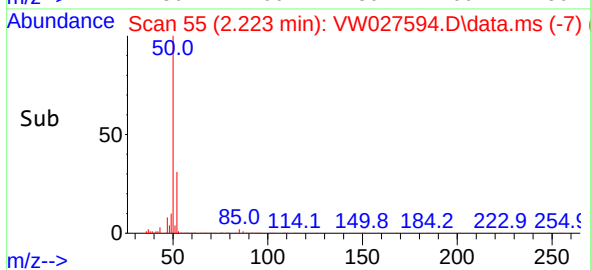
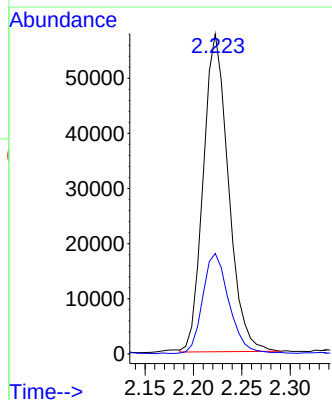
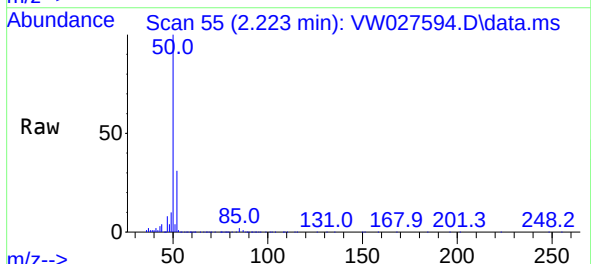
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MSVOA_W
ClientSampleId :

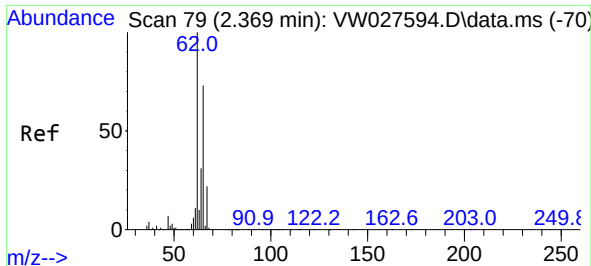
Tgt Ion: 85 Resp: 80655
Ion Ratio Lower Upper
85 100
87 28.8 24.0 36.0



#3
Chloromethane
Concen: 25.510 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion: 50 Resp: 104398
Ion Ratio Lower Upper
50 100
52 31.4 21.8 40.6

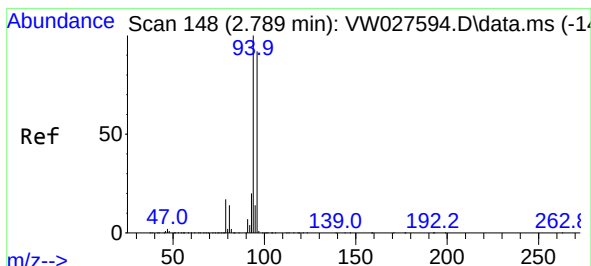
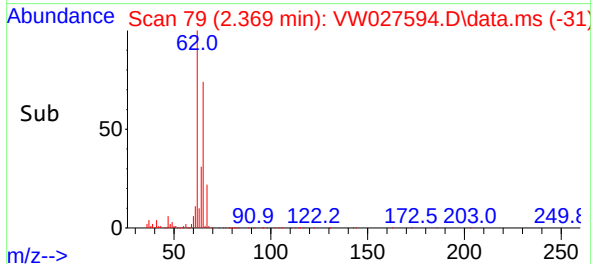
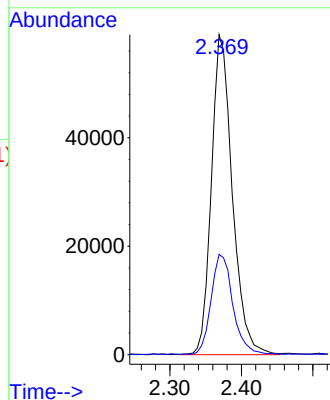
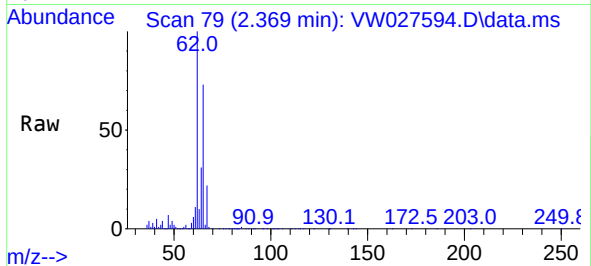




#5
 Vinyl chloride
 Concen: 25.133 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW027594.D
 Acq: 13 Dec 2023 14:33

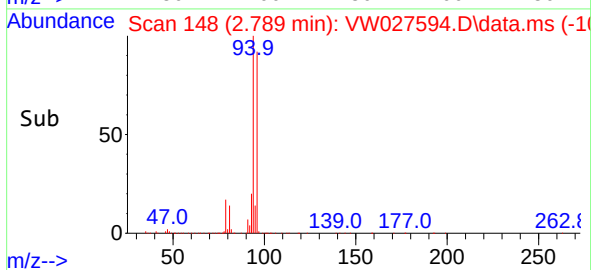
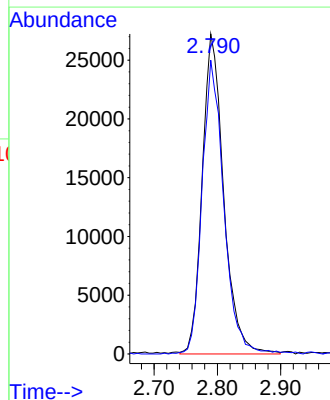
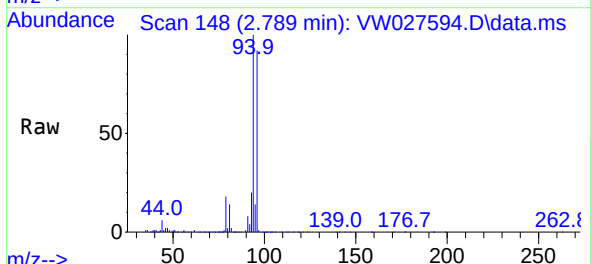
Instrument :
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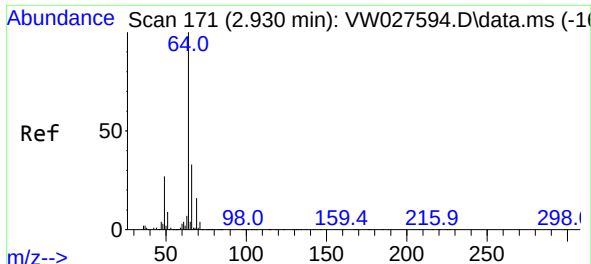
Tgt Ion: 62 Resp: 119978
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.2 41.2



#6
 Bromomethane
 Concen: 25.694 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.012 min
 Lab File: VW027594.D
 Acq: 13 Dec 2023 14:33

Tgt Ion: 94 Resp: 64369
 Ion Ratio Lower Upper
 94 100
 96 91.8 63.3 117.7

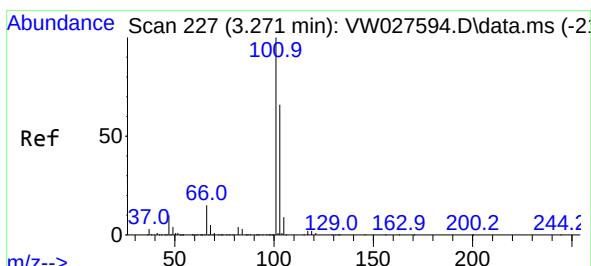
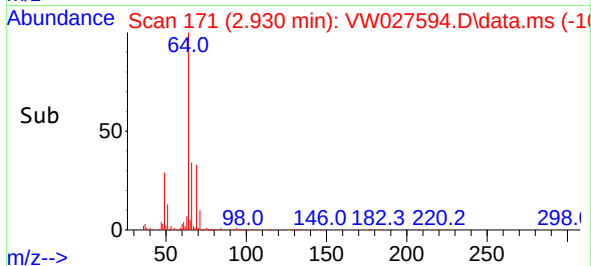
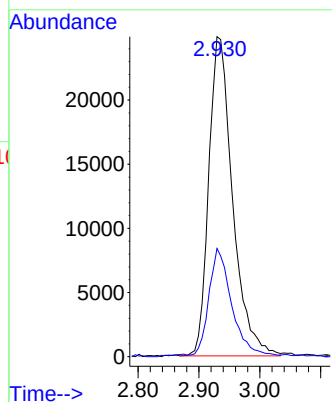
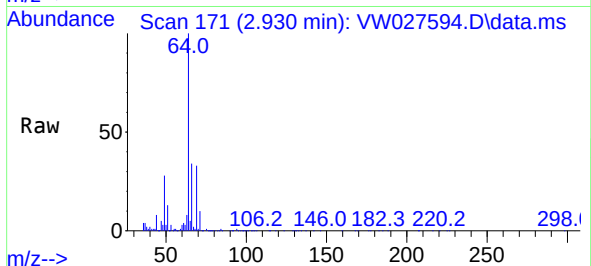




#8
Chloroethane
Concen: 24.795 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

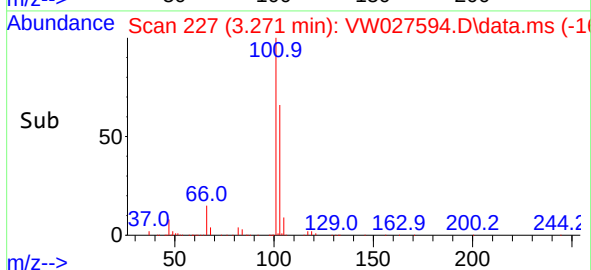
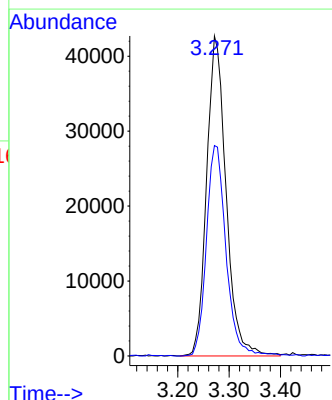
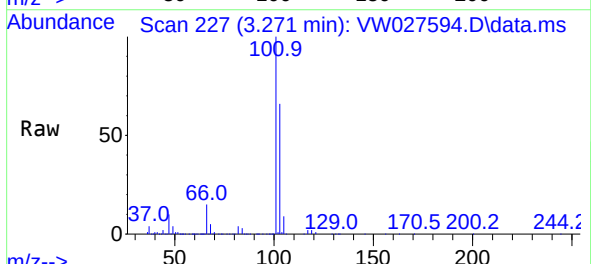
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MSVOA_W
ClientSampleId :

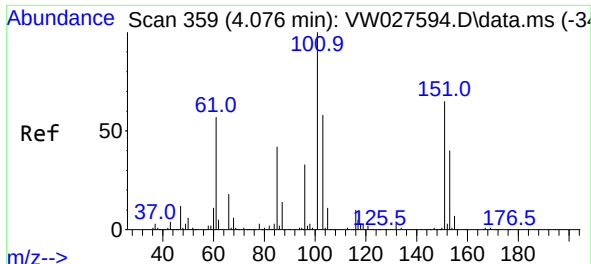
Tgt Ion: 64 Resp: 67603
Ion Ratio Lower Upper
64 100
66 33.8 24.1 44.7



#9
Trichlorofluoromethane
Concen: 24.509 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.012 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion: 101 Resp: 112056
Ion Ratio Lower Upper
101 100
103 65.5 52.0 78.0

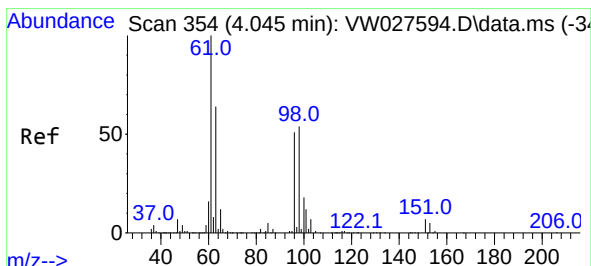
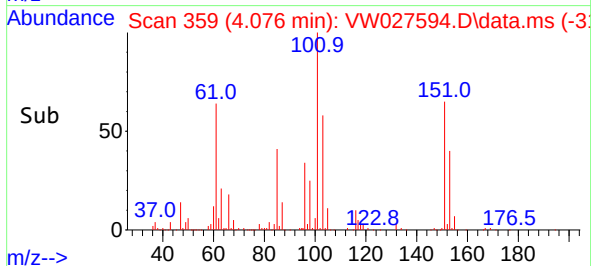
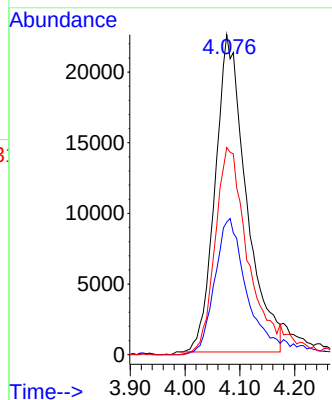
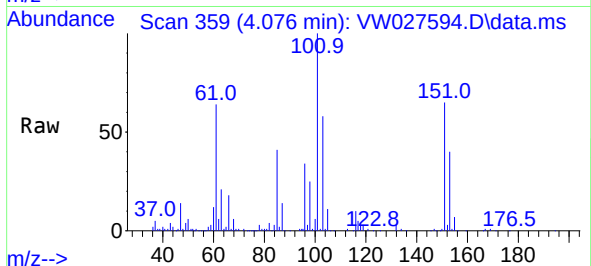




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.727 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027594.D
 Acq: 13 Dec 2023 14:33

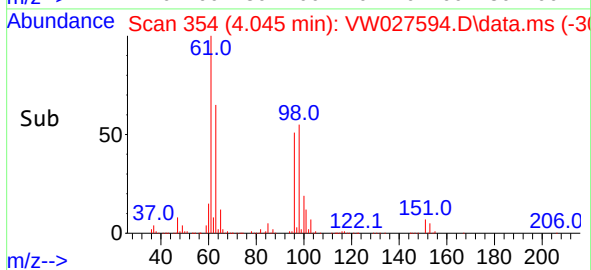
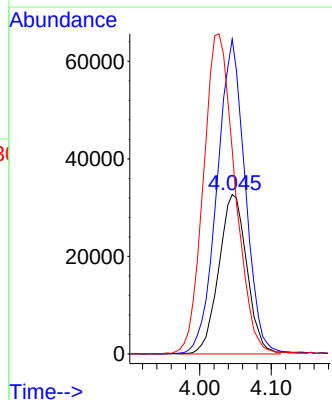
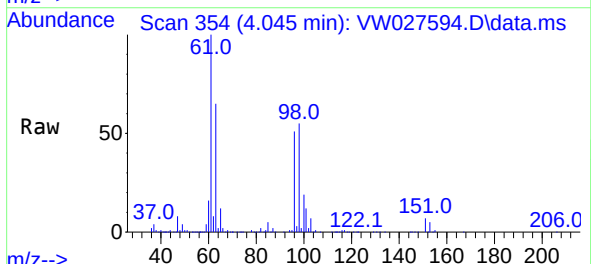
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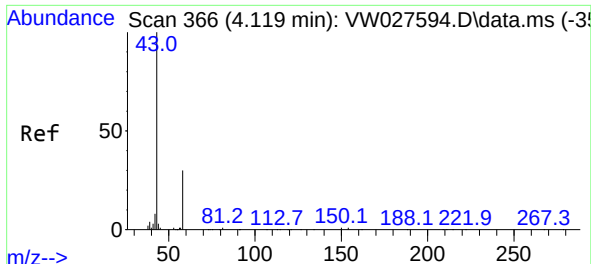
Tgt Ion:101 Resp: 88604
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.9 50.9
 151 67.7 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 25.006 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW027594.D
 Acq: 13 Dec 2023 14:33

Tgt Ion: 96 Resp: 89012
 Ion Ratio Lower Upper
 96 100
 61 197.6 127.8 237.4
 63 128.3 104.9 194.7

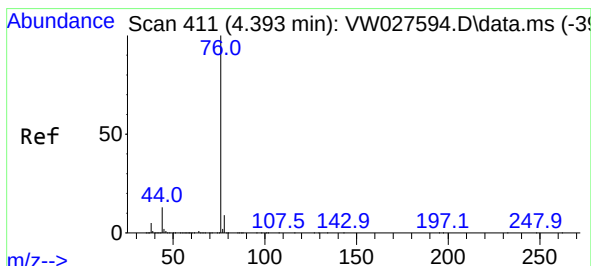
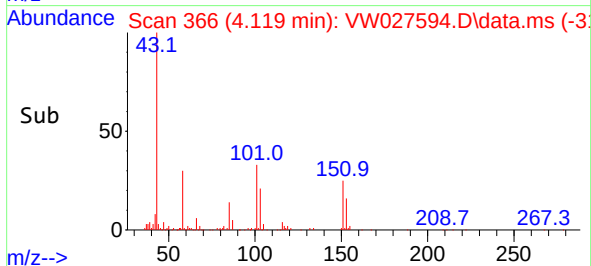
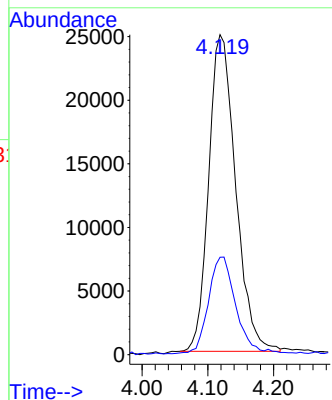
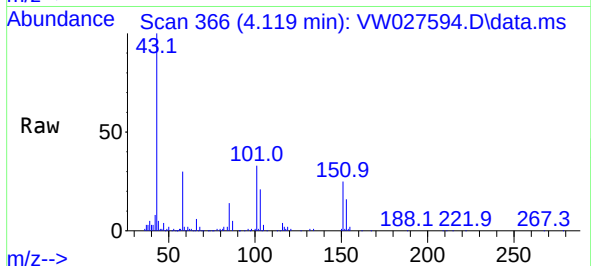




#13
Acetone
Concen: 55.969 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

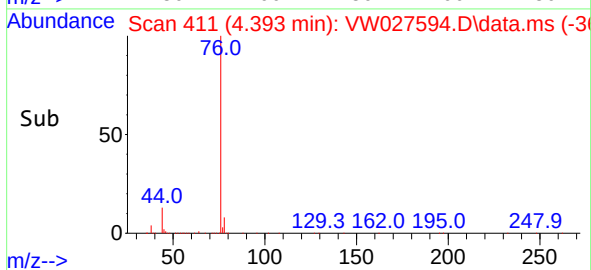
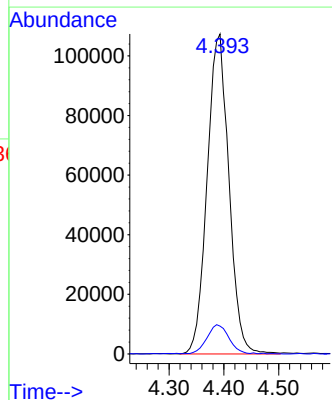
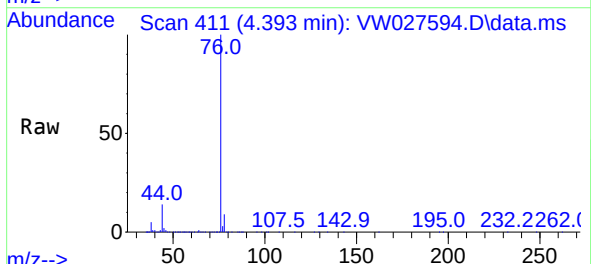
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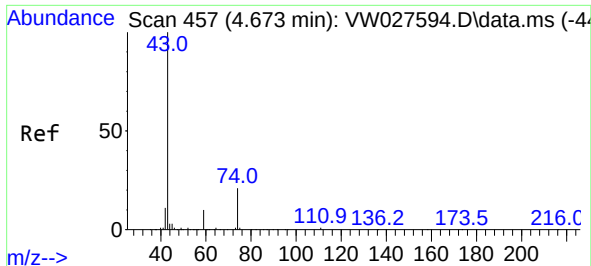
Tgt Ion: 43 Resp: 71003
Ion Ratio Lower Upper
43 100
58 30.7 0.0 60.0



#14
Carbon disulfide
Concen: 27.491 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 295722
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.6

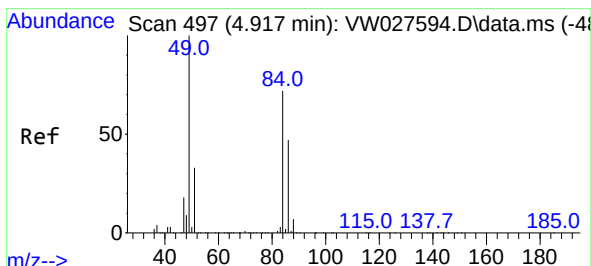
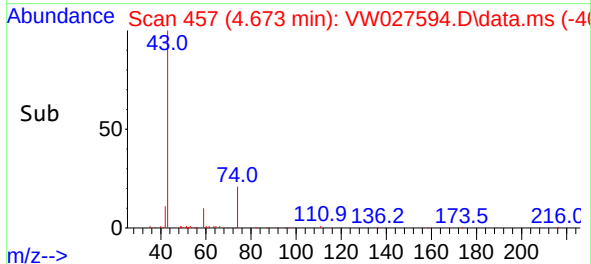
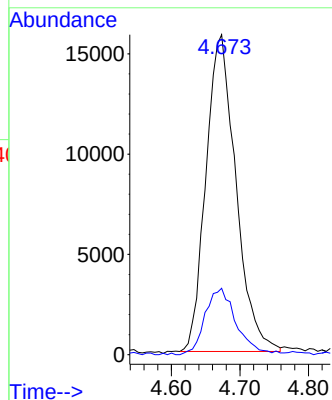
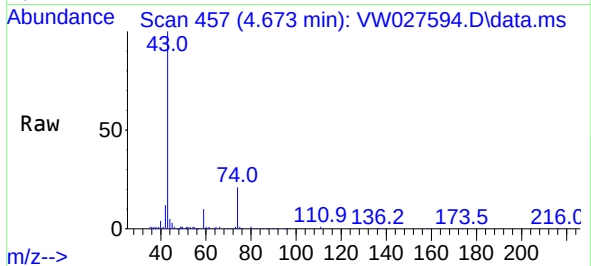




#15
Methyl Acetate
Concen: 21.652 ug/L
RT: 4.673 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

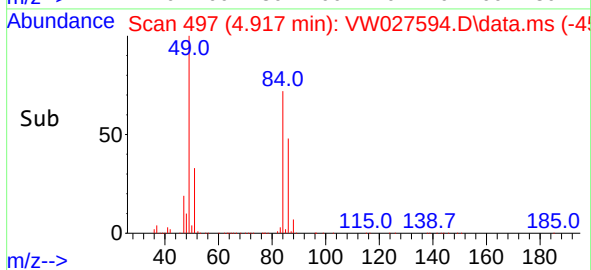
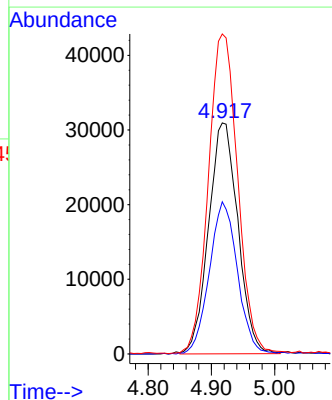
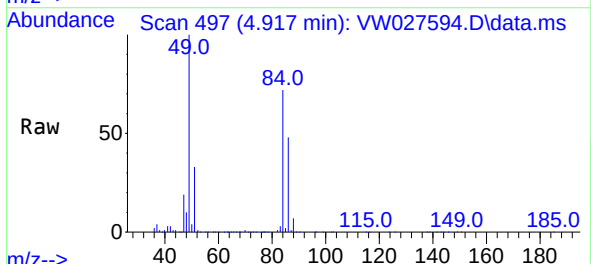
Instrument :
MSVOA_W
ClientSampleId :

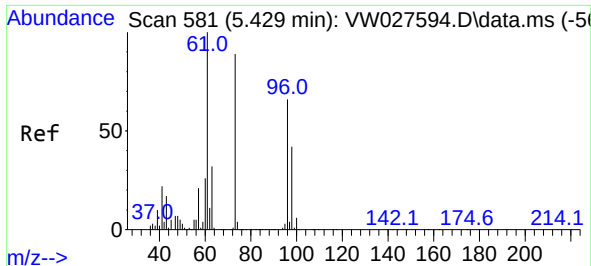
Tgt Ion: 43 Resp: 48005
Ion Ratio Lower Upper
43 100
74 21.5 16.8 25.2



#16
Methylene chloride
Concen: 24.463 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.012 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion: 84 Resp: 99554
Ion Ratio Lower Upper
84 100
86 65.9 47.7 88.7
49 138.5 97.4 181.0

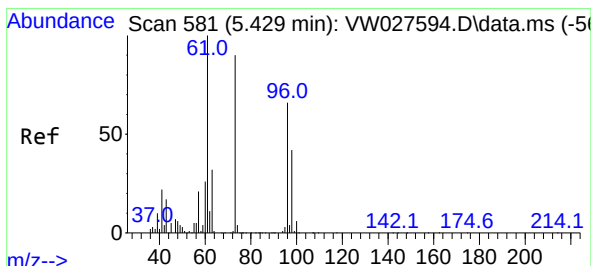
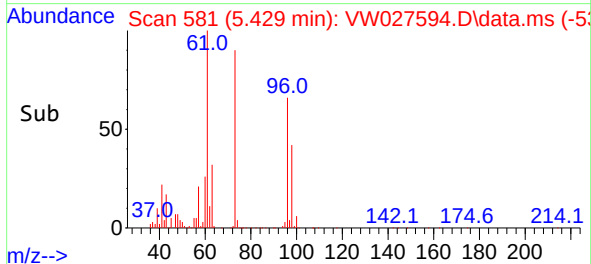
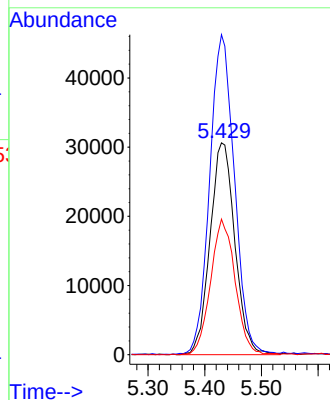
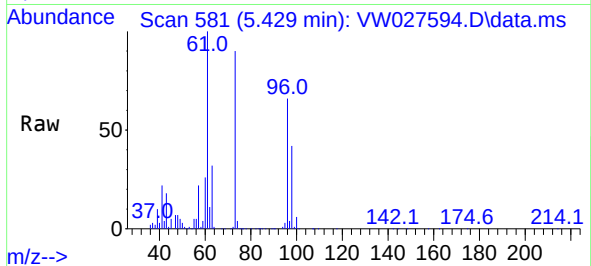




#17
trans-1,2-Dichloroethene
Concen: 25.436 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

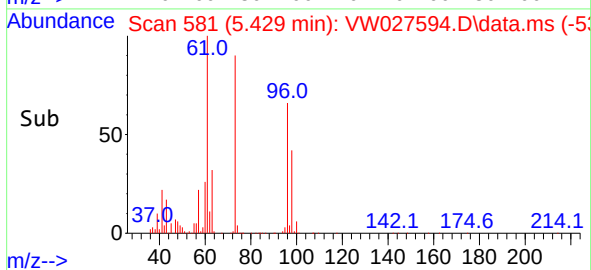
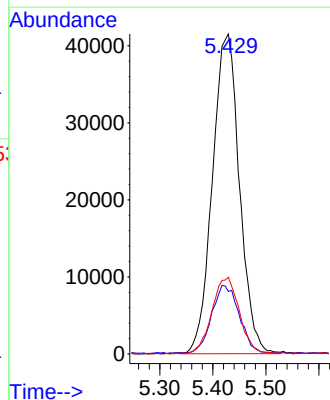
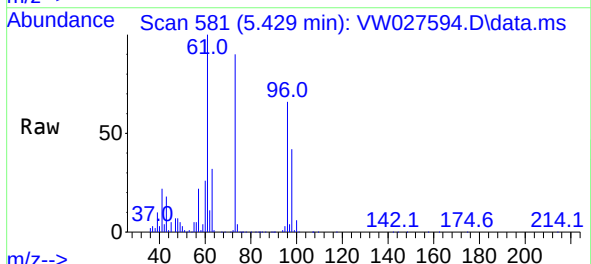
Instrument :
MSVOA_W
ClientSampleId :

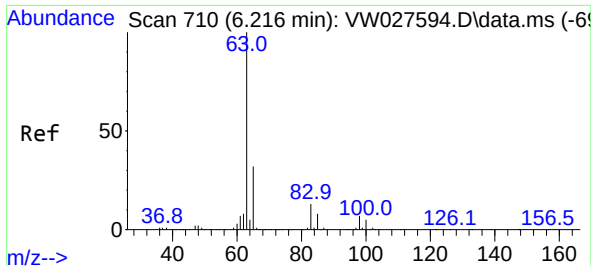
Tgt Ion: 96 Resp: 93359
Ion Ratio Lower Upper
96 100
61 151.1 109.6 203.6
98 64.0 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 24.807 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

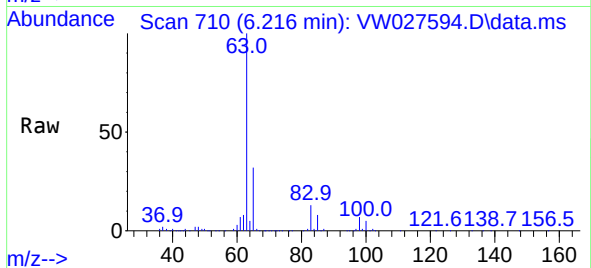
Tgt Ion: 73 Resp: 146866
Ion Ratio Lower Upper
73 100
43 21.6 17.8 26.6
57 23.9 19.9 29.9





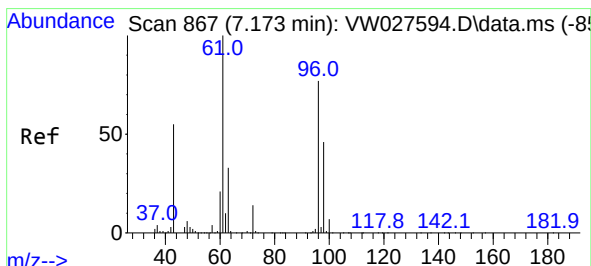
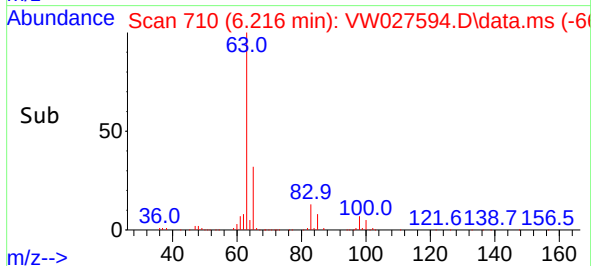
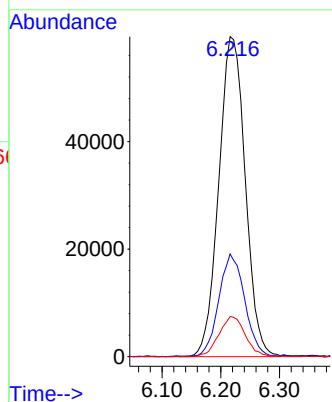
#19
1,1-Dichloroethane
Concen: 24.962 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.012 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 63 Resp: 186322

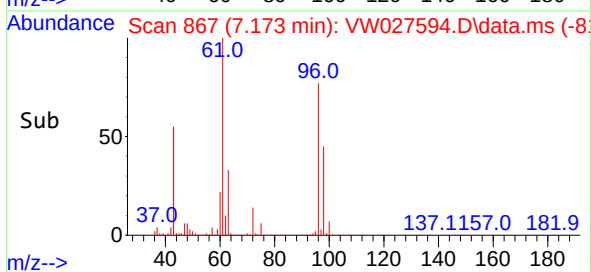
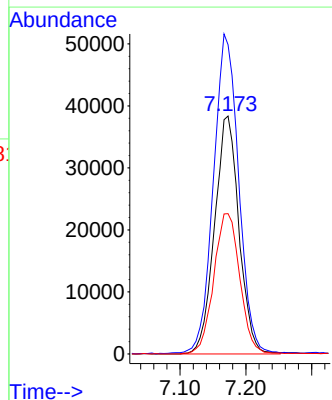
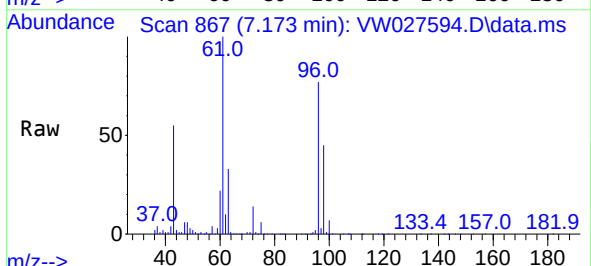
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.0	40.8
83	12.6	9.0	16.8

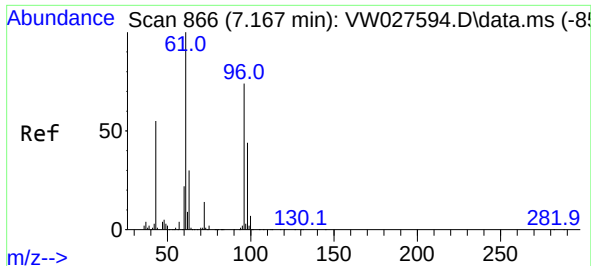


#20
cis-1,2-Dichloroethene
Concen: 25.123 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion: 96 Resp: 99028

Ion	Ratio	Lower	Upper
96	100		
61	130.0	94.0	174.6
98	59.0	45.1	83.7

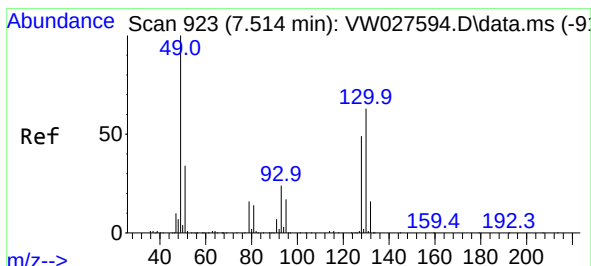
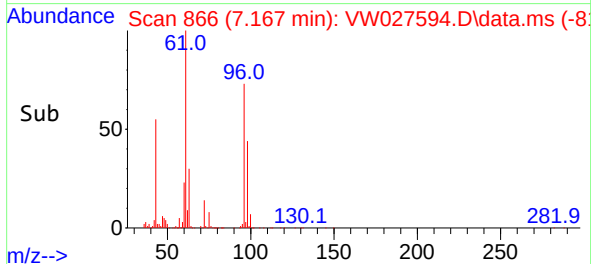
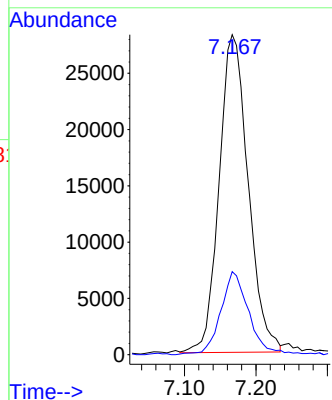
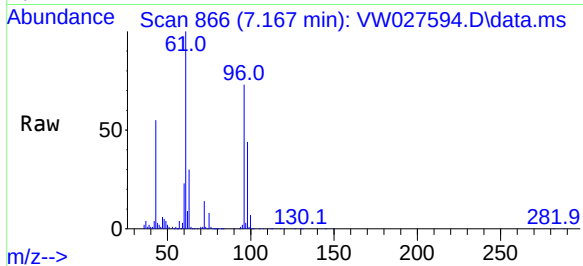




#22
2-Butanone
Concen: 48.605 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

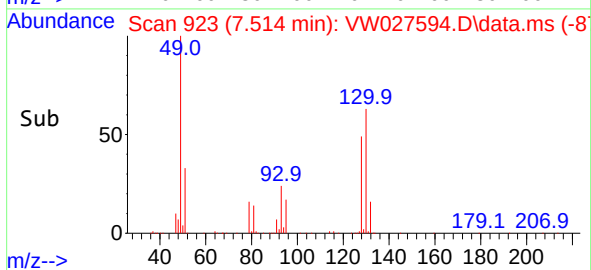
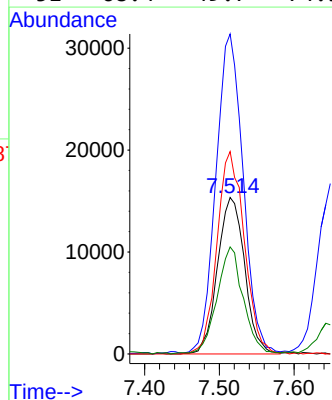
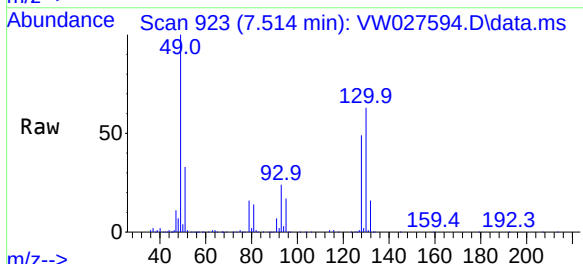
Instrument :
MSVOA_W
ClientSampleId :

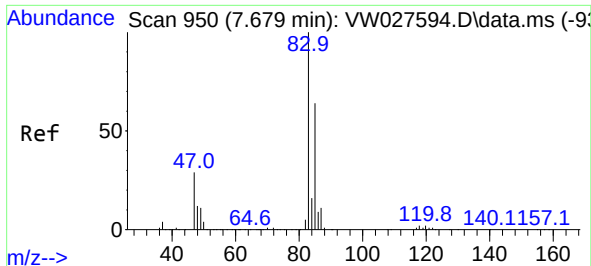
Tgt Ion: 43 Resp: 79549
Ion Ratio Lower Upper
43 100
72 25.2 11.9 35.9



#23
Bromochloromethane
Concen: 25.001 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion:128 Resp: 38761
Ion Ratio Lower Upper
128 100
49 204.4 137.8 256.0
130 129.3 91.2 169.4
51 68.4 49.7 74.5

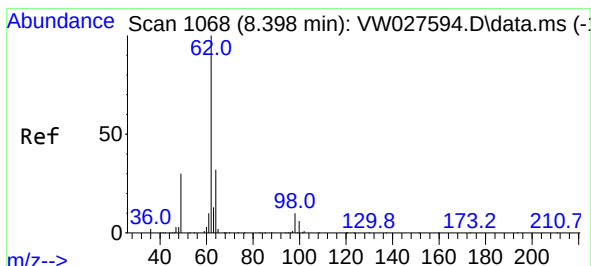
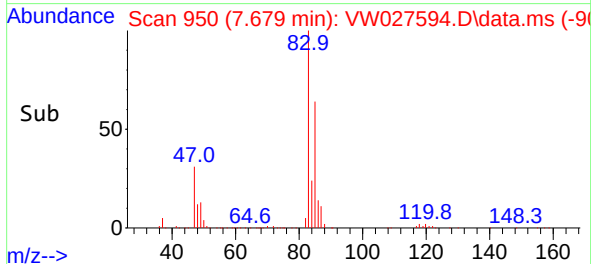
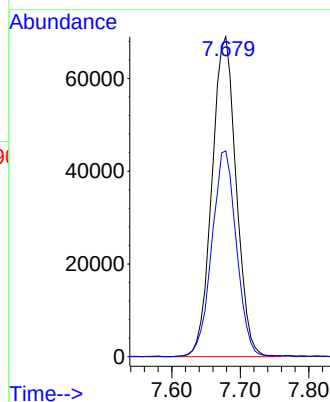
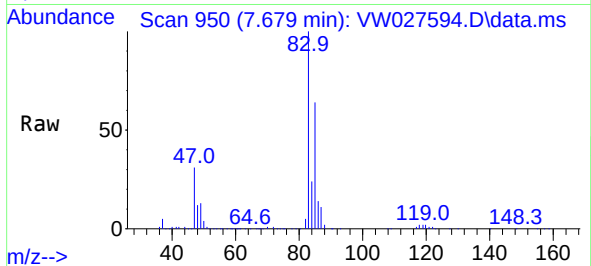




#25
Chloroform
Concen: 25.000 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

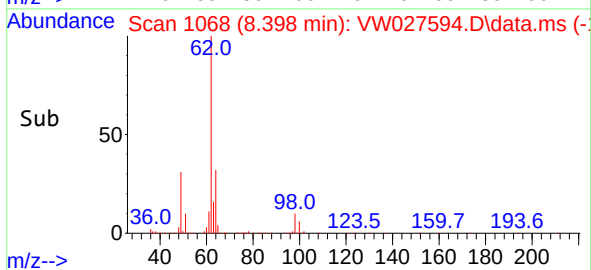
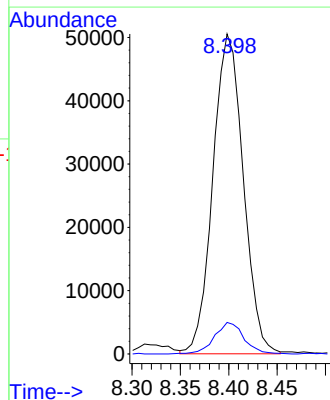
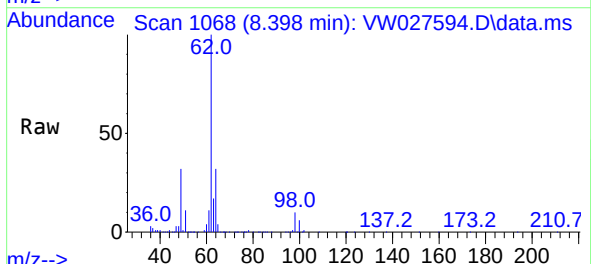
Instrument :
MSVOA_W
ClientSampleId :

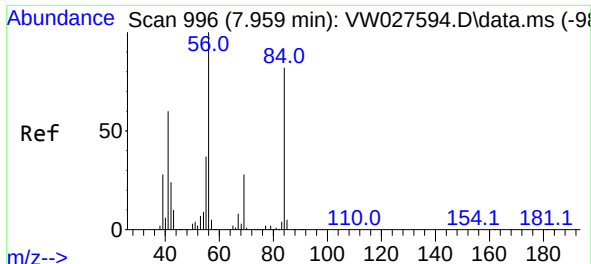
Tgt Ion: 83 Resp: 169436
Ion Ratio Lower Upper
83 100
85 64.3 49.8 92.6



#27
1,2-Dichloroethane
Concen: 25.211 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

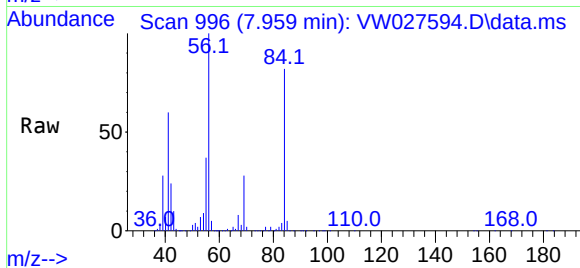
Tgt Ion: 62 Resp: 110436
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0



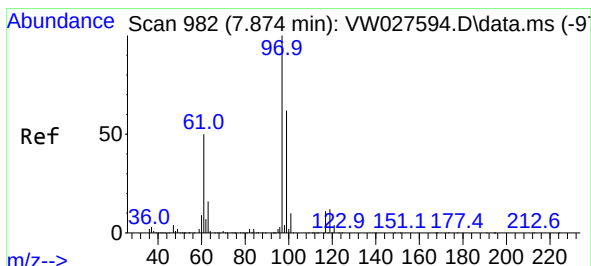
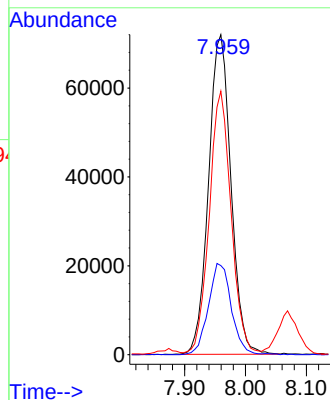
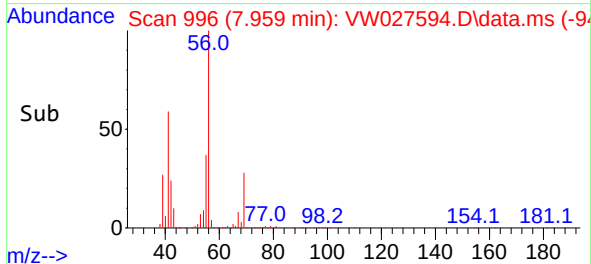


#29
Cyclohexane
Concen: 25.156 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Instrument :
MSVOA_W
ClientSampleId :

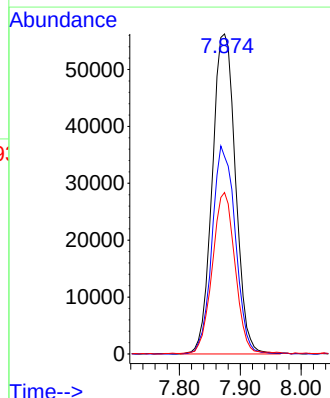
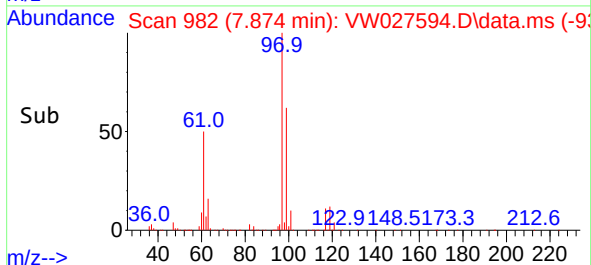
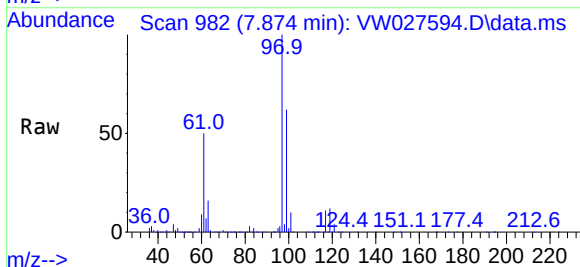


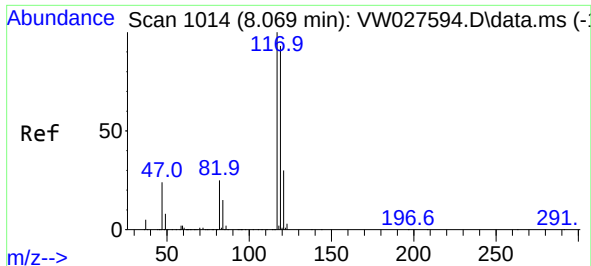
Tgt Ion: 56 Resp: 184117
Ion Ratio Lower Upper
56 100
69 29.0 24.1 36.1
84 80.4 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 24.014 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion: 97 Resp: 149131
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 49.1 39.0 58.4

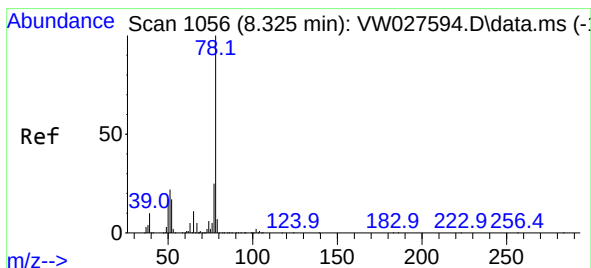
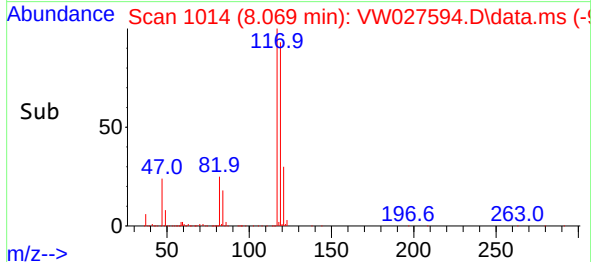
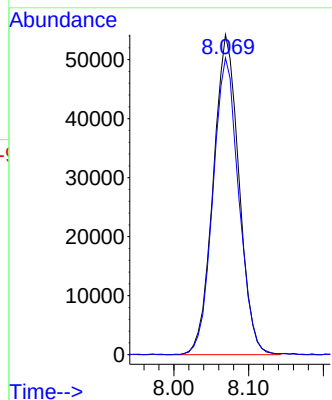
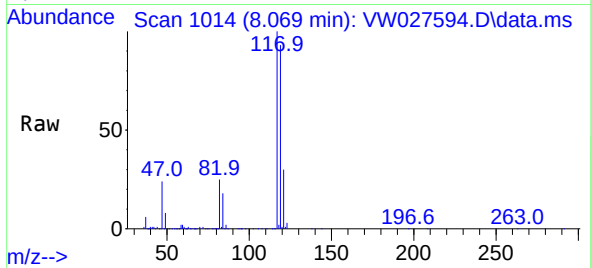




#31
Carbon tetrachloride
Concen: 23.898 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

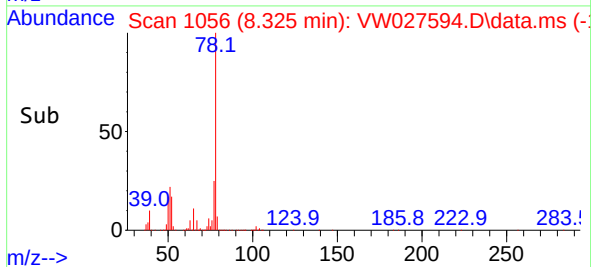
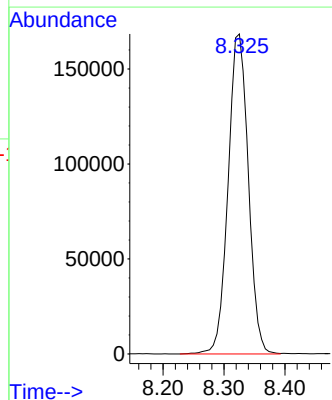
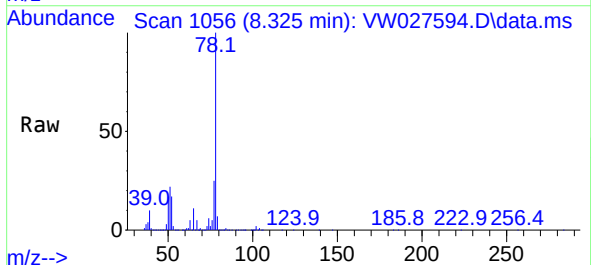
Instrument :
MSVOA_W
ClientSampleId :

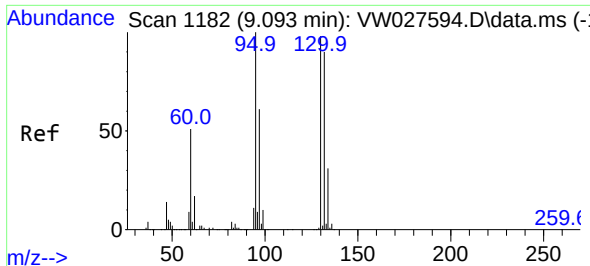
Tgt Ion:117 Resp: 129447
Ion Ratio Lower Upper
117 100
119 93.3 77.0 115.6



#33
Benzene
Concen: 25.258 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

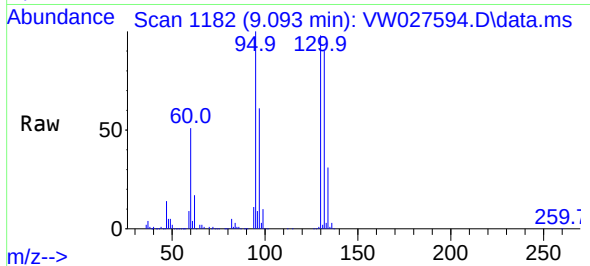
Tgt Ion: 78 Resp: 388083



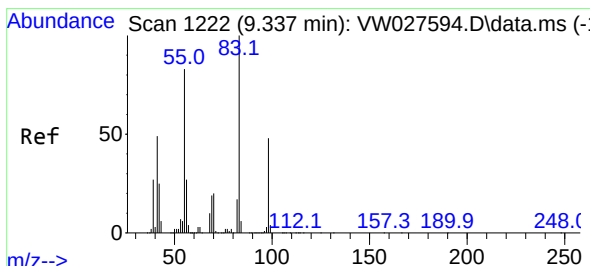
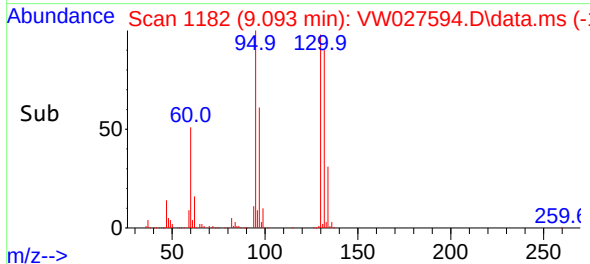
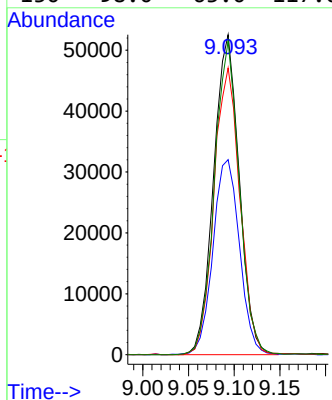


#34
Trichloroethene
Concen: 24.436 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Instrument :
MSVOA_W
ClientSampleId :

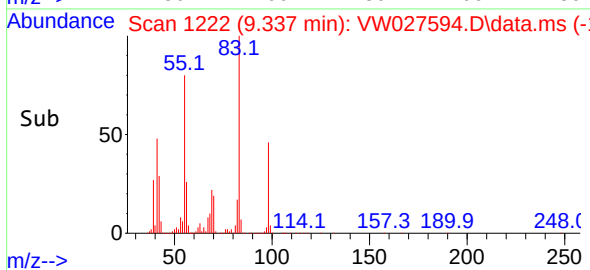
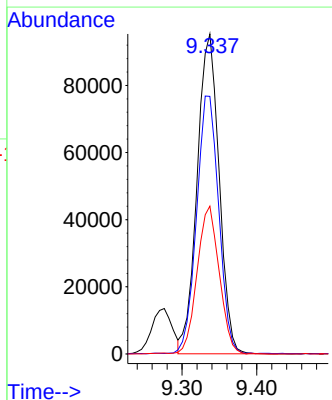
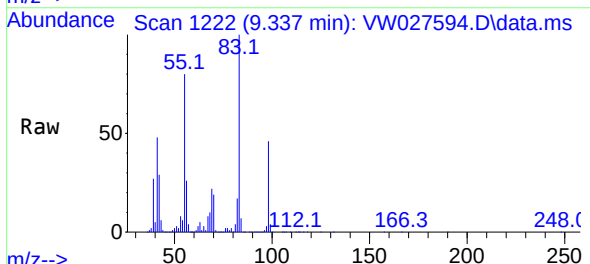


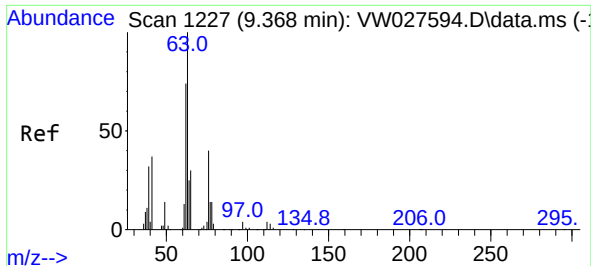
Tgt Ion: 95 Resp: 102554
Ion Ratio Lower Upper
95 100
97 61.0 43.0 80.0
132 89.6 64.1 119.1
130 98.0 63.0 117.0



#35
Methylcyclohexane
Concen: 25.989 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion: 83 Resp: 194216
Ion Ratio Lower Upper
83 100
55 81.4 65.6 98.4
98 46.5 38.3 57.5





#37

1,2-Dichloropropane

Concen: 24.869 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027594.D

Acq: 13 Dec 2023 14:33

Instrument :

MSVOA_W

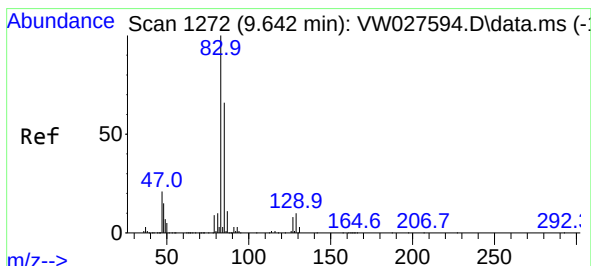
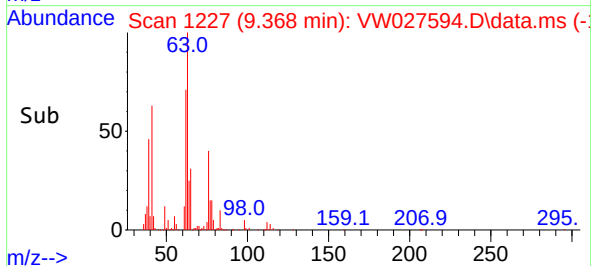
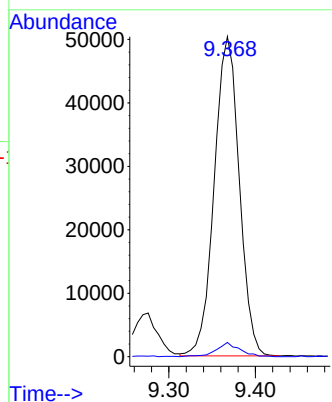
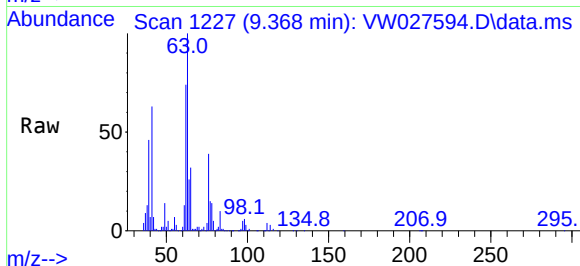
ClientSampleId :

Tgt Ion: 63 Resp: 100888

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 24.336 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027594.D

Acq: 13 Dec 2023 14:33

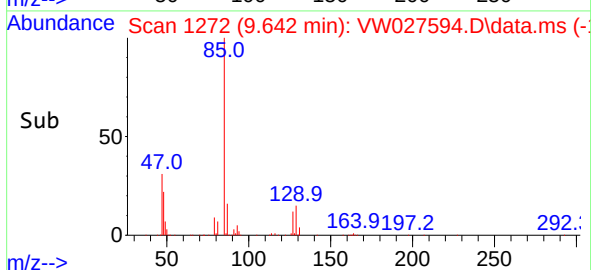
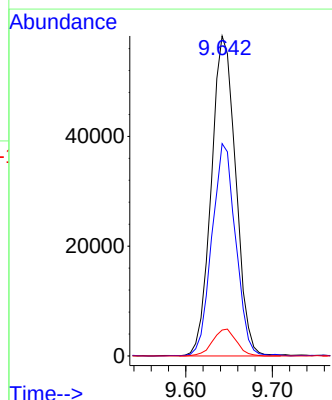
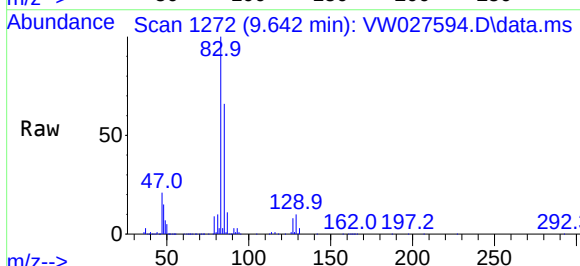
Tgt Ion: 83 Resp: 114131

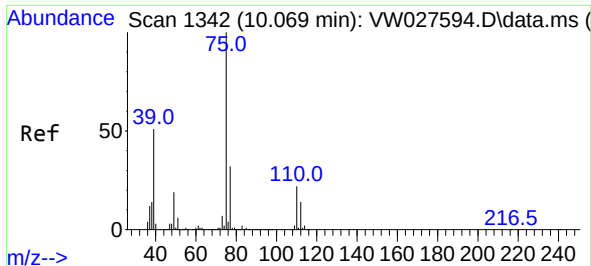
Ion Ratio Lower Upper

83 100

85 66.4 44.3 82.3

127 8.1 5.3 7.9#





#39

cis-1,3-Dichloropropene

Concen: 25.662 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW027594.D

Acq: 13 Dec 2023 14:33

Instrument :

MSVOA_W

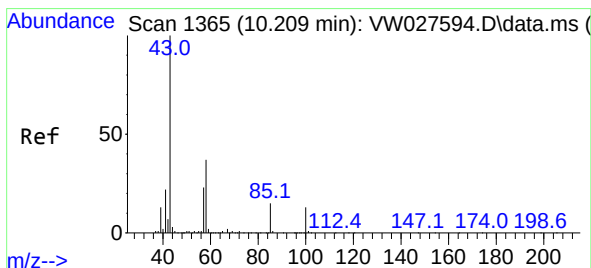
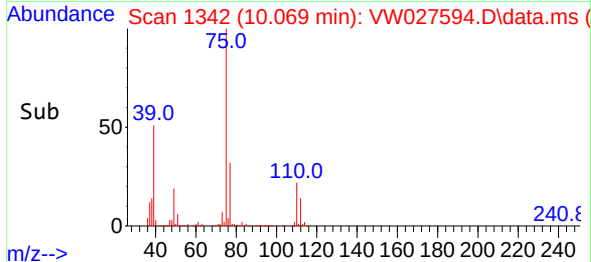
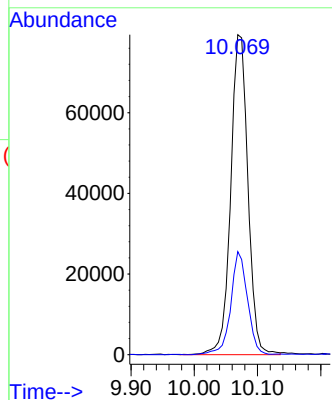
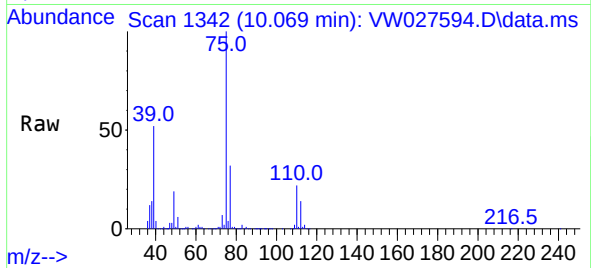
ClientSampleId :

Tgt Ion: 75 Resp: 150284

Ion Ratio Lower Upper

75 100

77 32.2 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 47.810 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027594.D

Acq: 13 Dec 2023 14:33

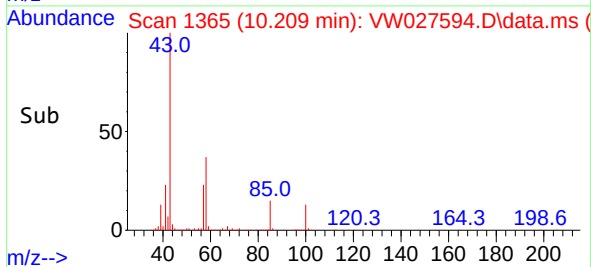
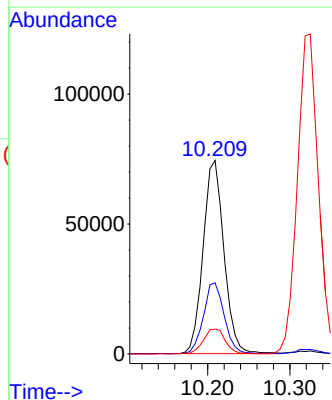
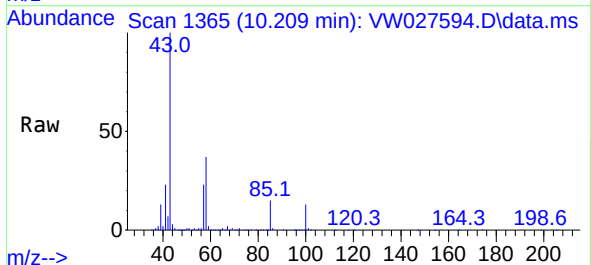
Tgt Ion: 43 Resp: 131101

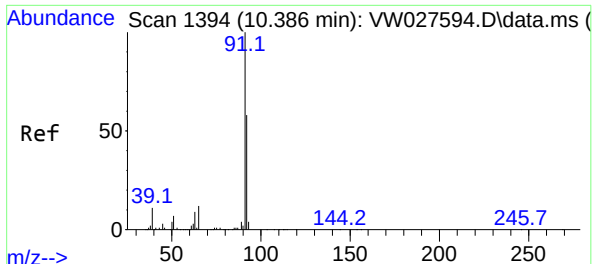
Ion Ratio Lower Upper

43 100

58 37.0 29.6 44.4

100 13.6 11.1 16.7

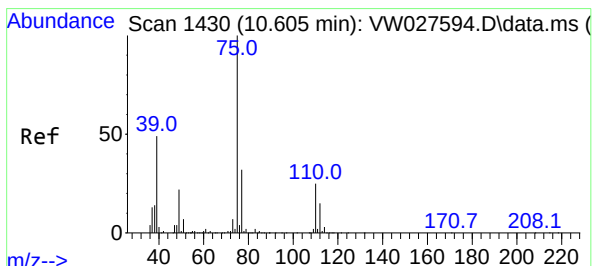
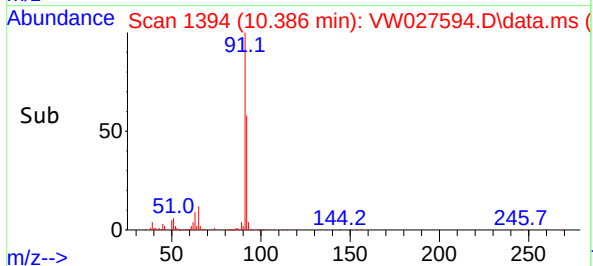
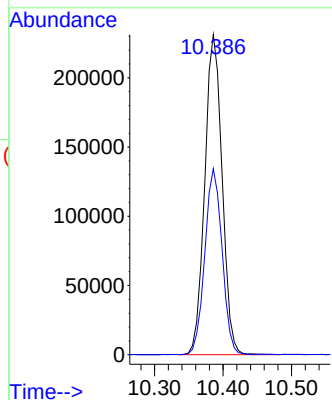
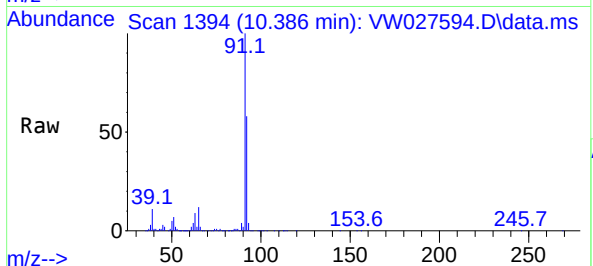




#42
Toluene
Concen: 25.124 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

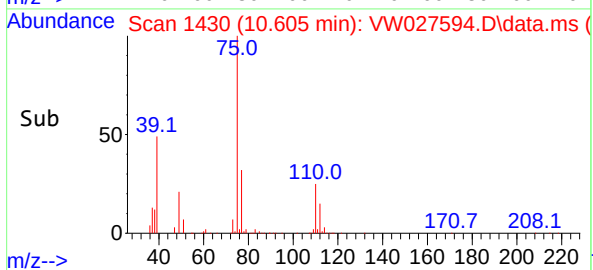
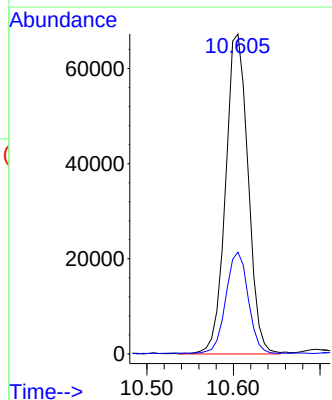
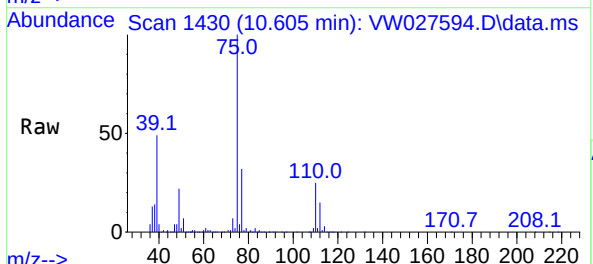
Instrument :
MSVOA_W
ClientSampleId :

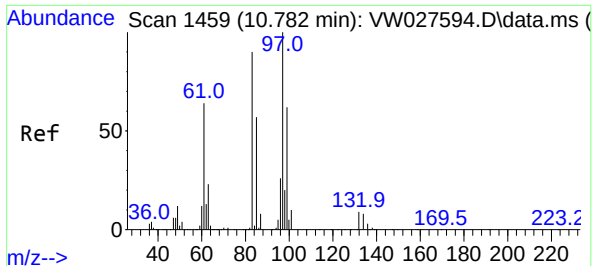
Tgt Ion: 91 Resp: 408288
Ion Ratio Lower Upper
91 100
92 58.1 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 25.702 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion: 75 Resp: 121420
Ion Ratio Lower Upper
75 100
77 31.8 23.7 44.1



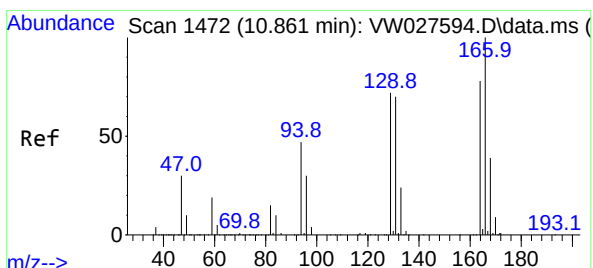
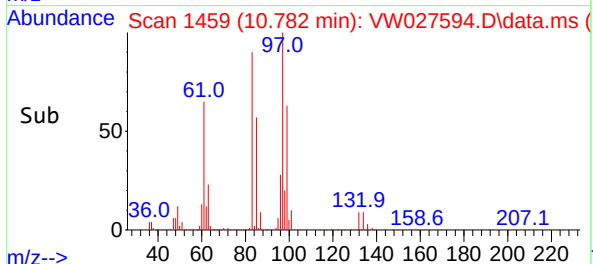
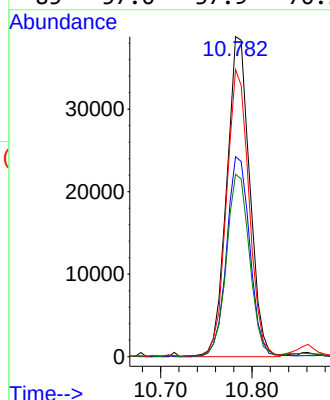
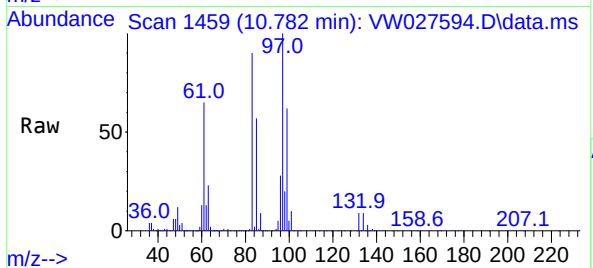


#45
1,1,2-Trichloroethane
Concen: 24.019 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 67859

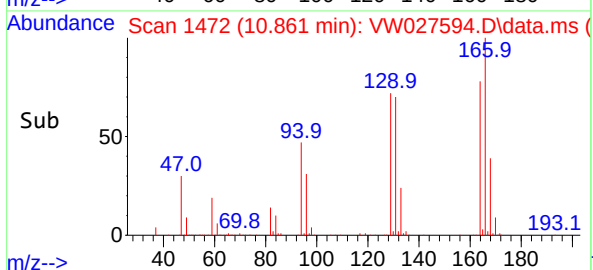
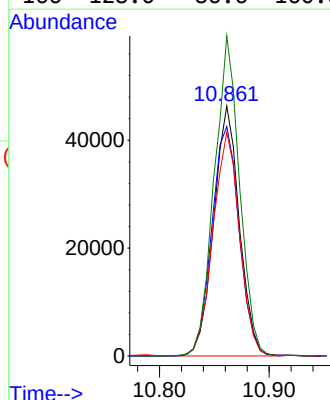
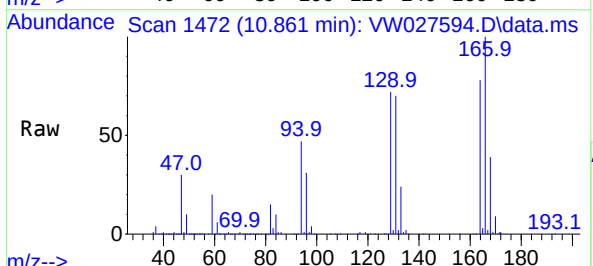
Ion	Ratio	Lower	Upper
97	100		
99	62.5	42.8	79.4
83	89.8	59.9	111.3
85	57.0	37.9	70.5

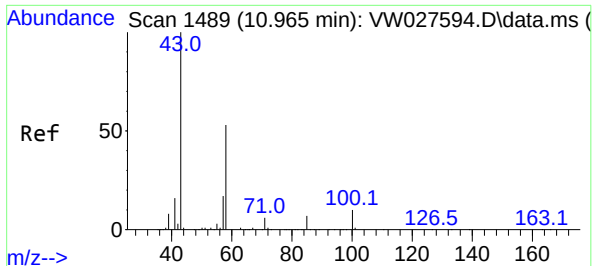


#46
Tetrachloroethene
Concen: 25.159 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion:164 Resp: 75275

Ion	Ratio	Lower	Upper
164	100		
129	91.8	71.0	131.8
131	89.4	61.2	113.6
166	128.0	86.6	160.8





#48

2-Hexanone

Concen: 51.650 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW027594.D

Acq: 13 Dec 2023 14:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 99816

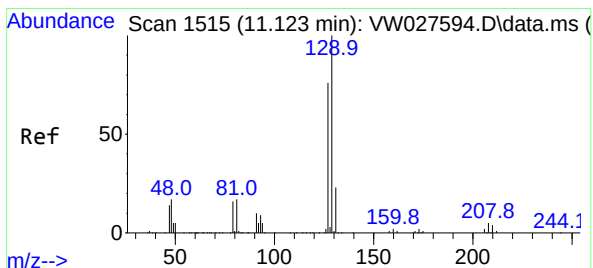
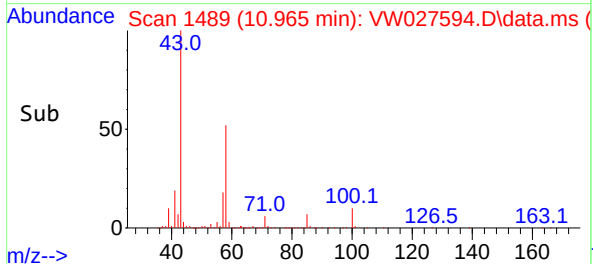
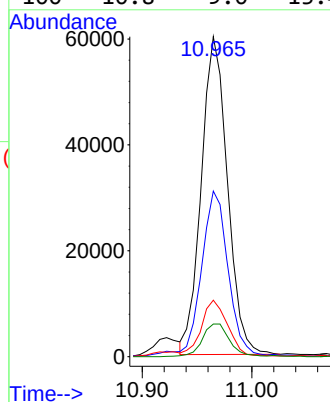
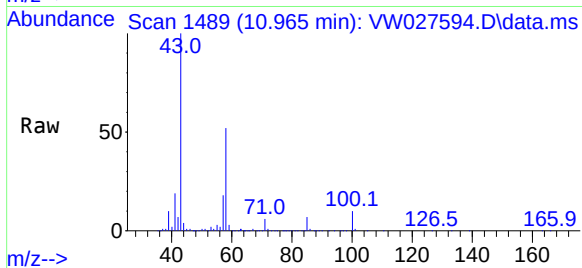
Ion Ratio Lower Upper

43 100

58 51.3 40.8 61.2

57 18.1 14.8 22.2

100 10.8 9.0 13.4



#49

Dibromochloromethane

Concen: 24.216 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW027594.D

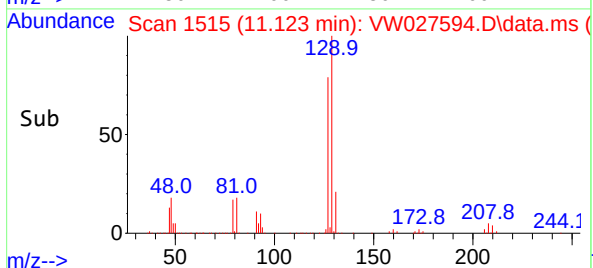
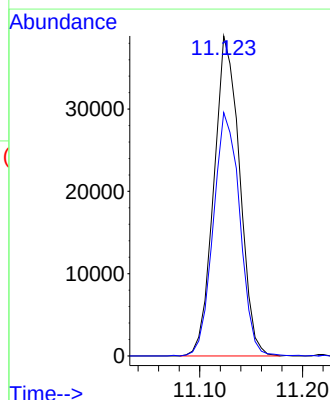
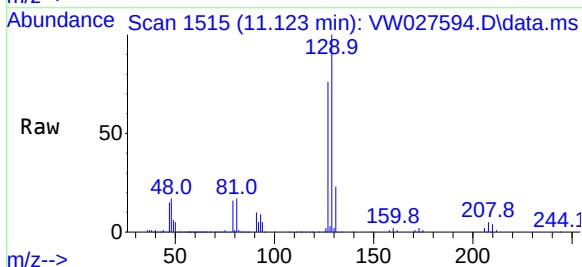
Acq: 13 Dec 2023 14:33

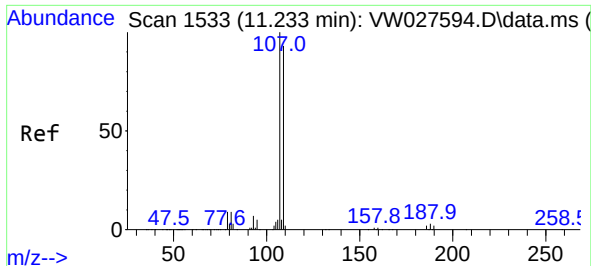
Tgt Ion:129 Resp: 67627

Ion Ratio Lower Upper

129 100

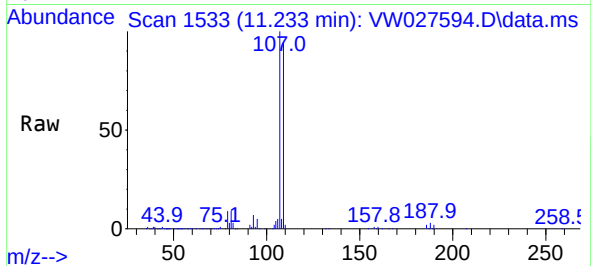
127 76.1 52.3 97.1



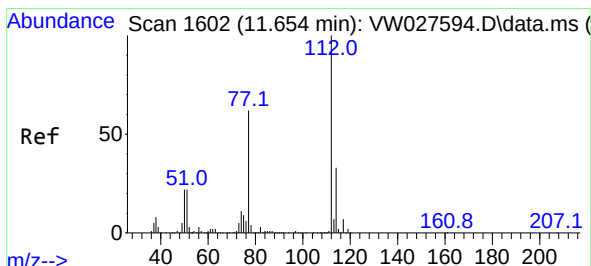
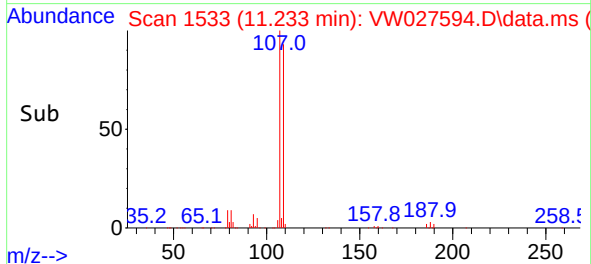
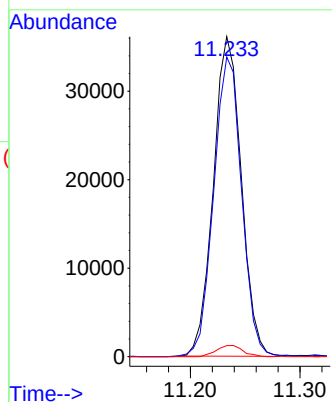


#50
1,2-Dibromoethane
Concen: 24.709 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Instrument :
MSVOA_W
ClientSampleId :

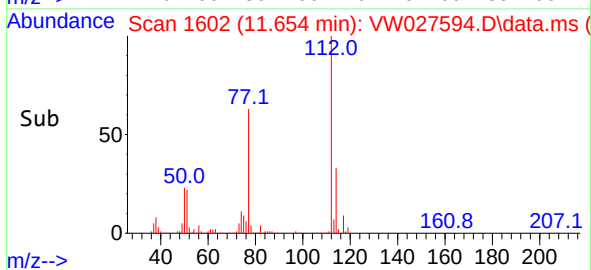
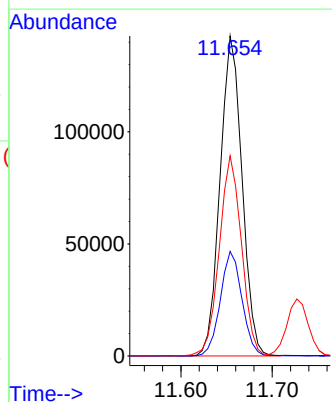
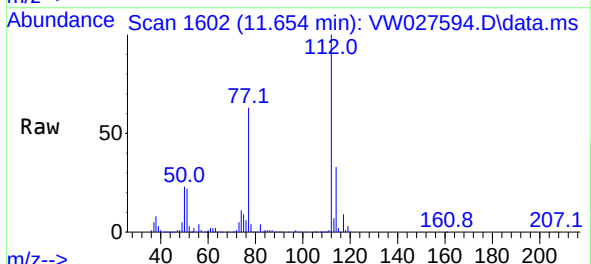


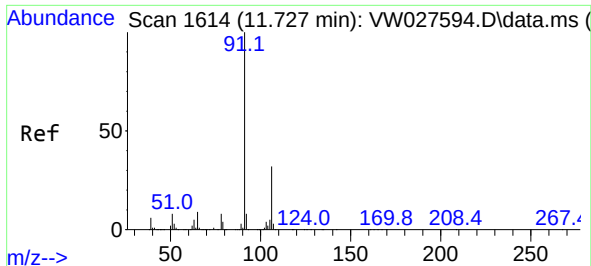
Tgt Ion:107 Resp: 63868
Ion Ratio Lower Upper
107 100
109 93.6 64.8 120.3
188 3.5 2.7 4.1



#51
Chlorobenzene
Concen: 24.375 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion:112 Resp: 238979
Ion Ratio Lower Upper
112 100
114 32.7 21.5 39.9
77 62.5 50.6 76.0





#52

Ethylbenzene

Concen: 24.447 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027594.D

Acq: 13 Dec 2023 14:33

Instrument :

MSVOA_W

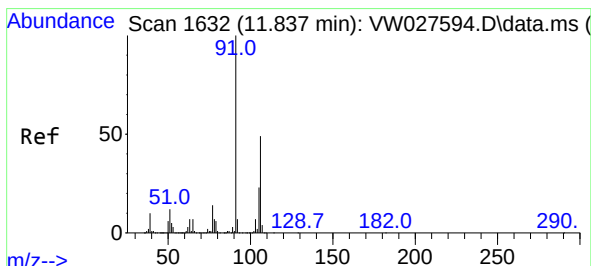
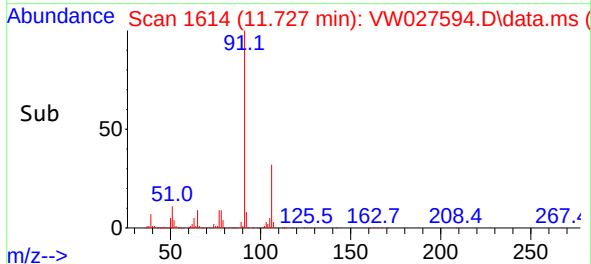
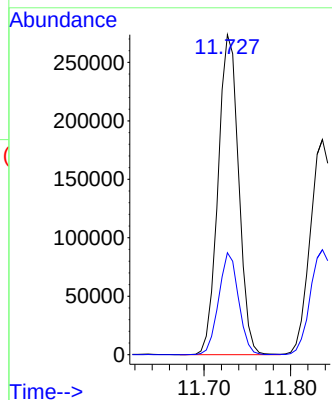
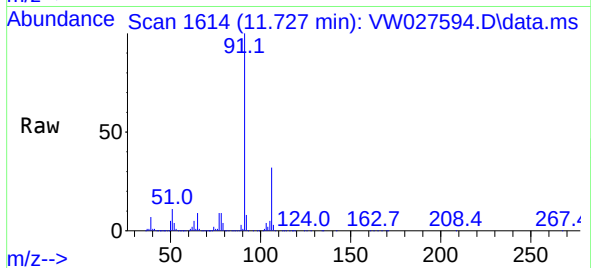
ClientSampleId :

Tgt Ion: 91 Resp: 451293

Ion Ratio Lower Upper

91 100

106 31.8 19.5 36.1



#53

m,p-Xylene

Concen: 25.406 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW027594.D

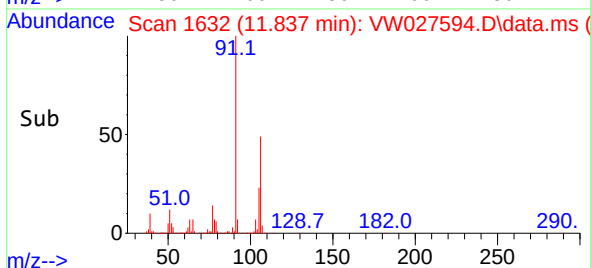
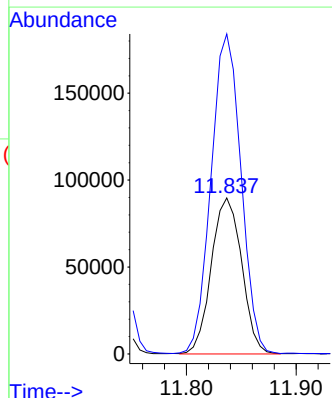
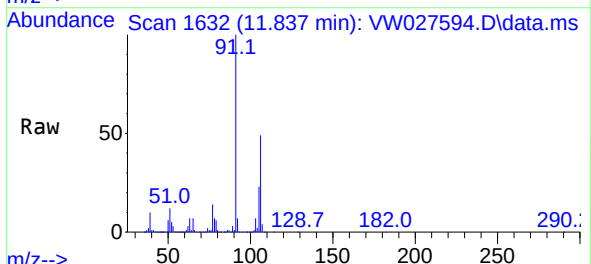
Acq: 13 Dec 2023 14:33

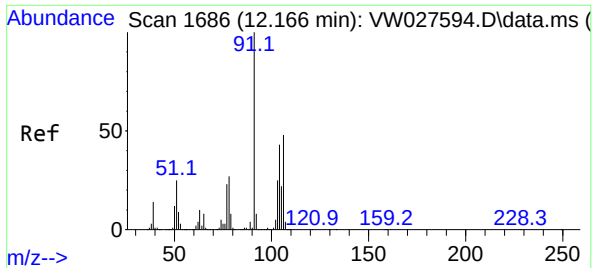
Tgt Ion:106 Resp: 172811

Ion Ratio Lower Upper

106 100

91 205.0 142.1 263.9

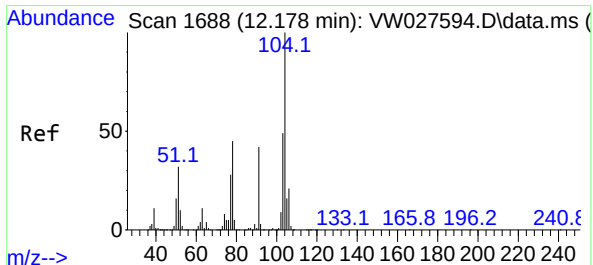
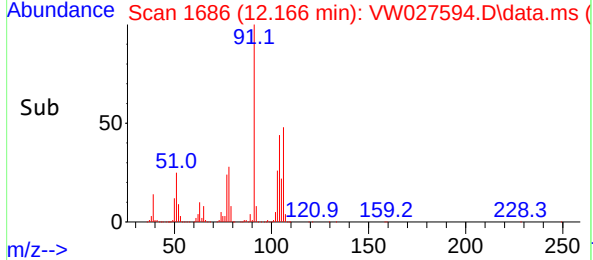
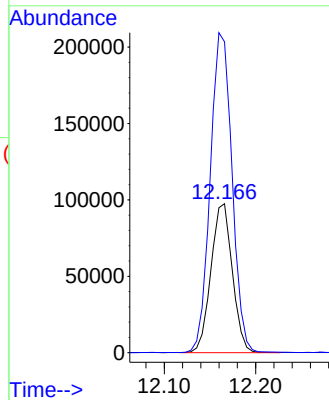
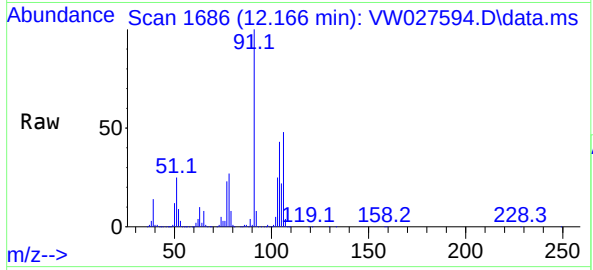




#54
o-Xylene
Concen: 25.622 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

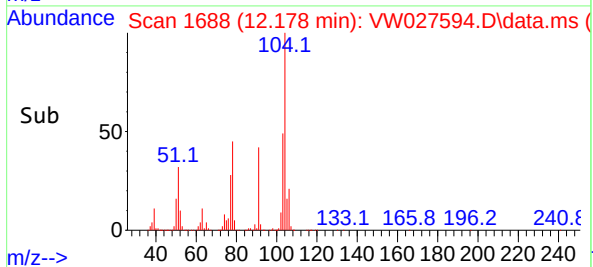
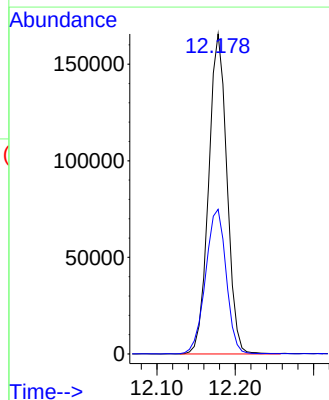
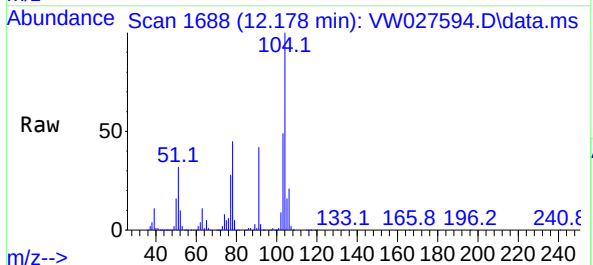
Instrument :
MSVOA_W
ClientSampleId :

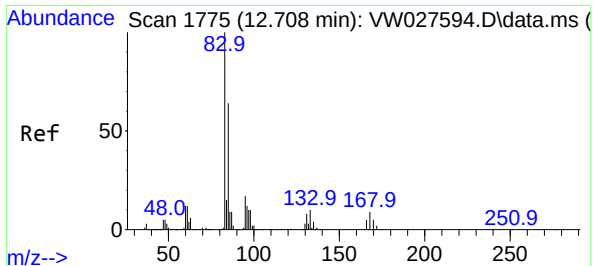
Tgt Ion:106 Resp: 158405
Ion Ratio Lower Upper
106 100
91 208.7 158.8 295.0



#55
Styrene
Concen: 25.499 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion:104 Resp: 269066
Ion Ratio Lower Upper
104 100
78 45.2 33.9 62.9

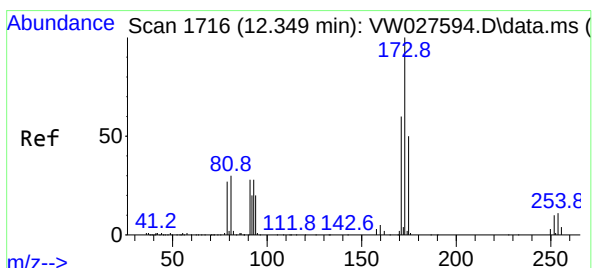
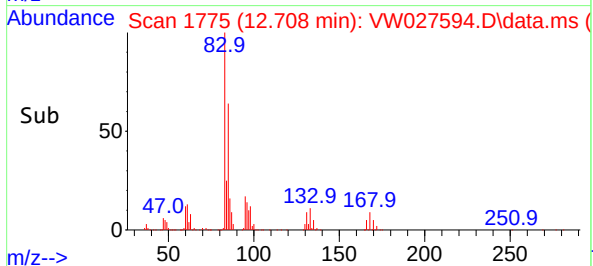
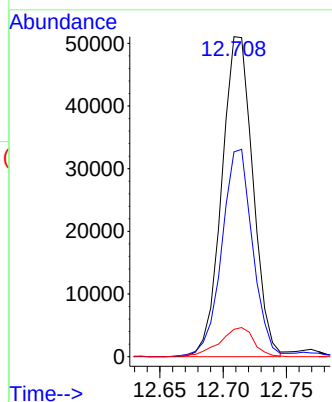
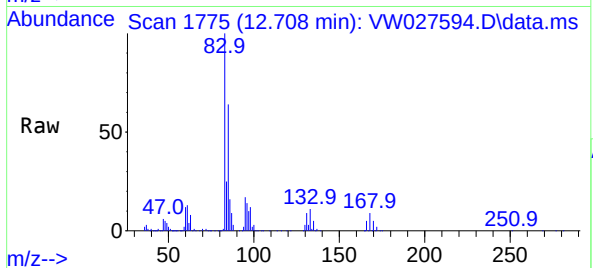




#57
1,1,2,2-Tetrachloroethane
Concen: 23.723 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

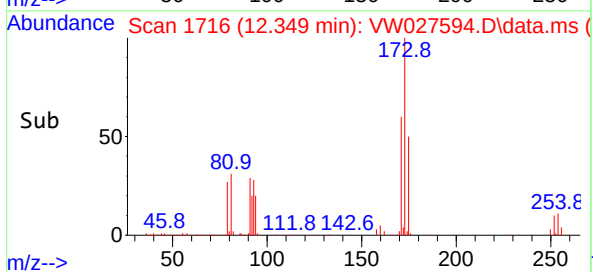
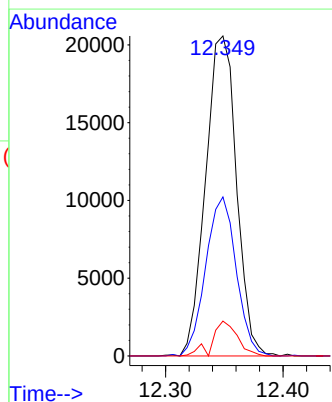
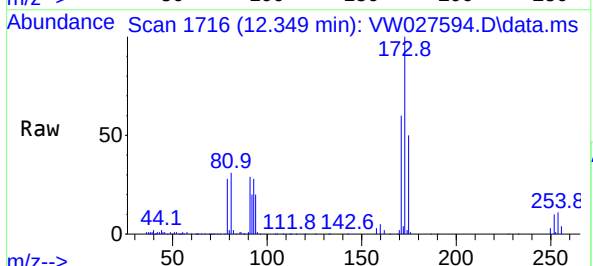
Instrument :
MSVOA_W
ClientSampleId :

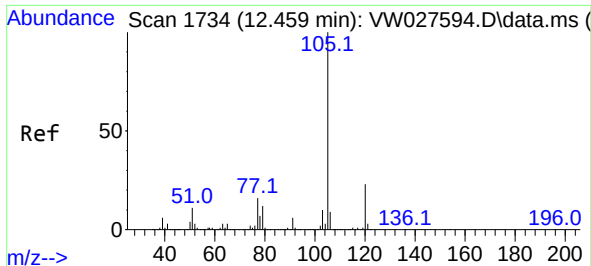
Tgt Ion: 83 Resp: 87255
Ion Ratio Lower Upper
83 100
85 64.0 41.9 77.7
131 8.6 7.0 10.6



#59
Bromoform
Concen: 23.759 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion: 173 Resp: 37600
Ion Ratio Lower Upper
173 100
175 49.0 39.4 59.0
254 7.8 7.8 11.8#

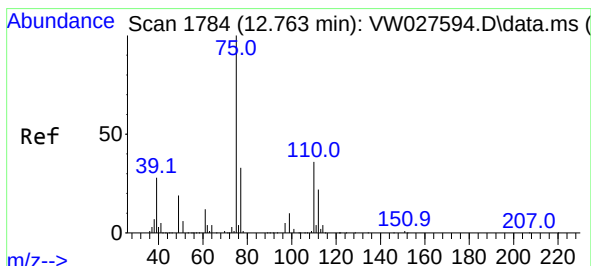
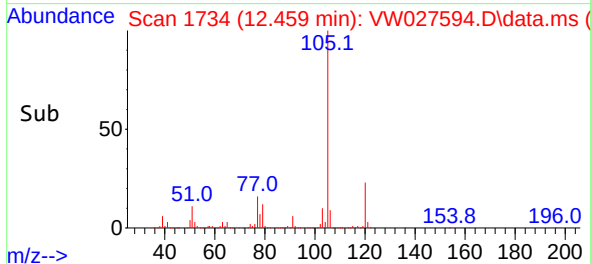
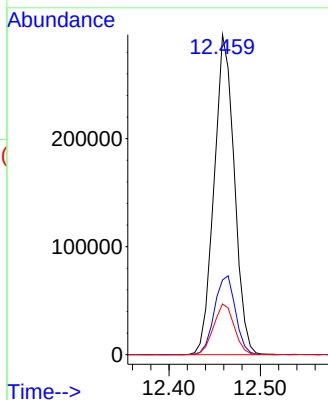
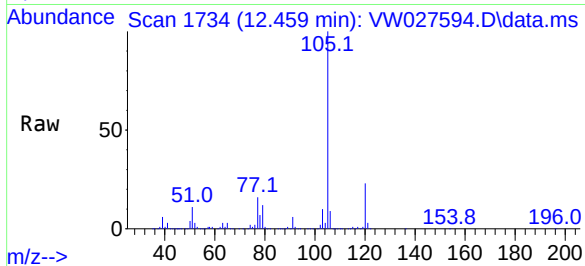




#60
Isopropylbenzene
Concen: 24.411 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

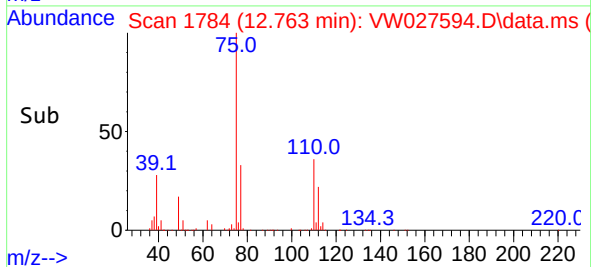
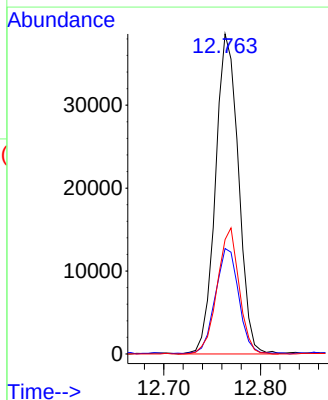
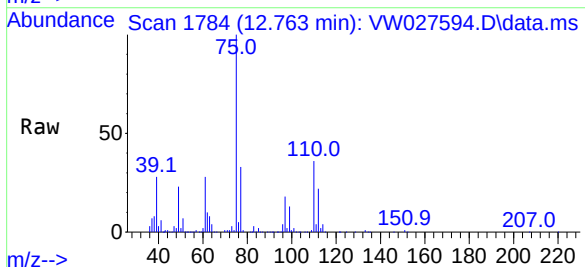
Instrument :
MSVOA_W
ClientSampleId :

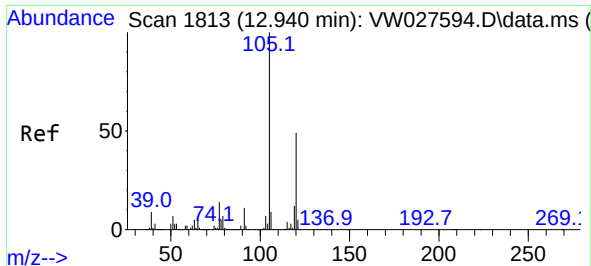
Tgt Ion:105 Resp: 455413
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 16.1 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 23.359 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion: 75 Resp: 63662
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
110 37.4 30.2 45.4

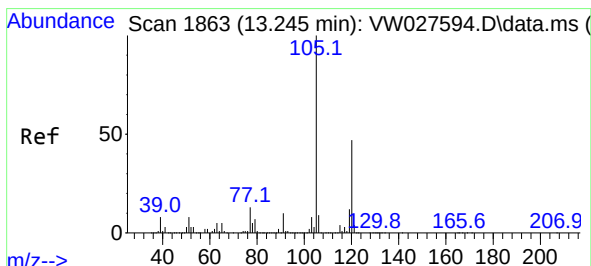
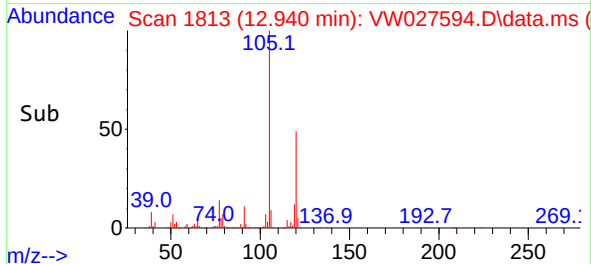
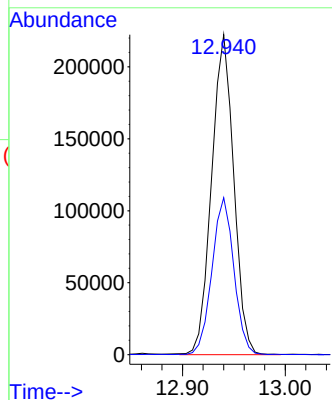
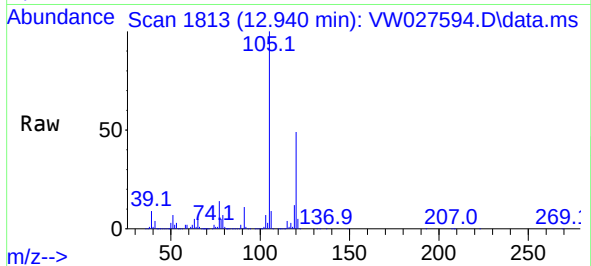




#62
1,3,5-Trimethylbenzene
Concen: 24.127 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

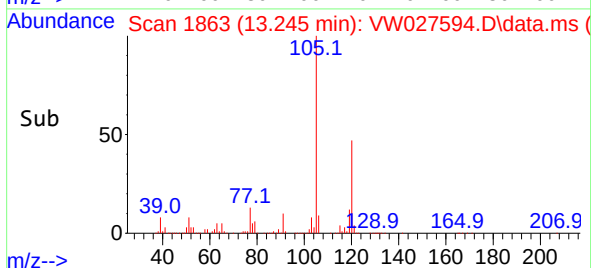
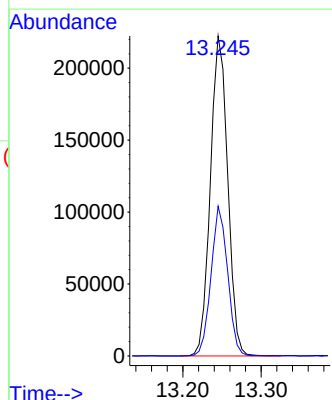
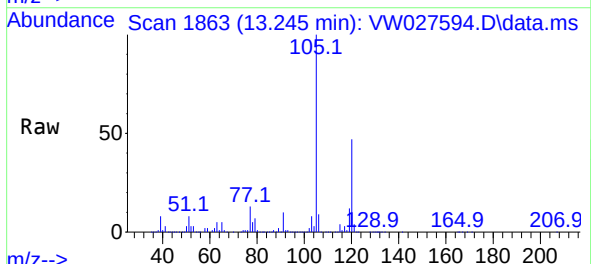
Instrument :
MSVOA_W
ClientSampleId :

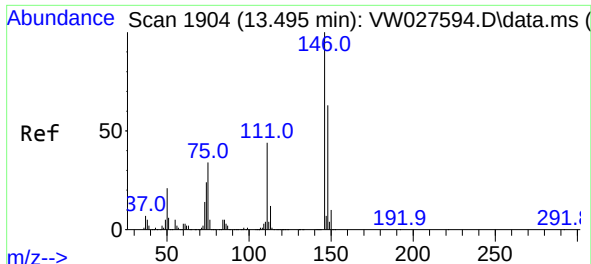
Tgt Ion:105 Resp: 332919
Ion Ratio Lower Upper
105 100
120 48.4 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 24.867 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion:105 Resp: 341736
Ion Ratio Lower Upper
105 100
120 44.7 36.9 55.3

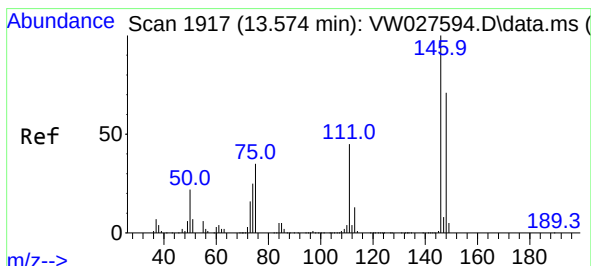
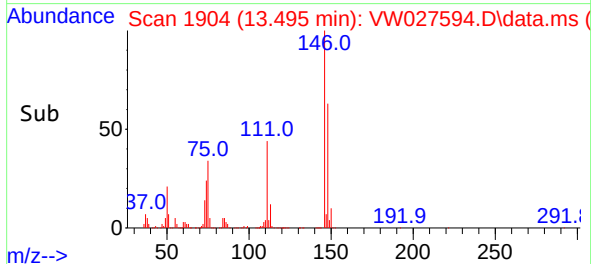
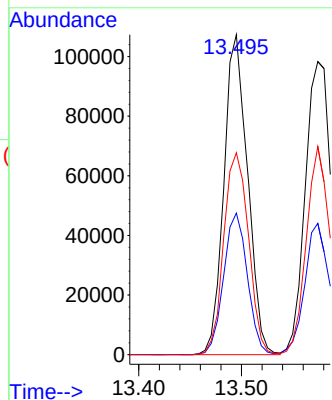
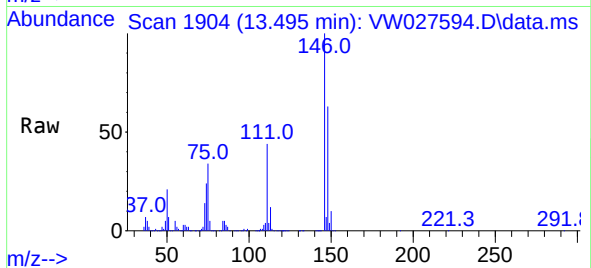




#64
1,3-Dichlorobenzene
Concen: 24.058 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

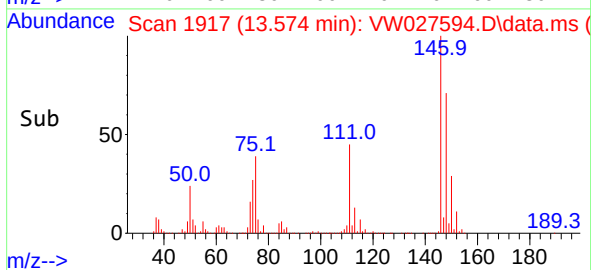
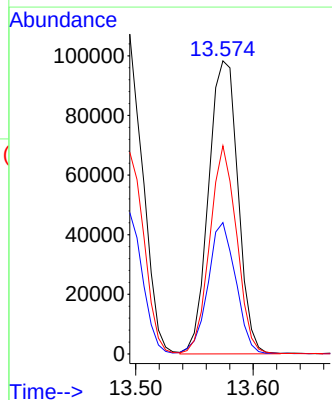
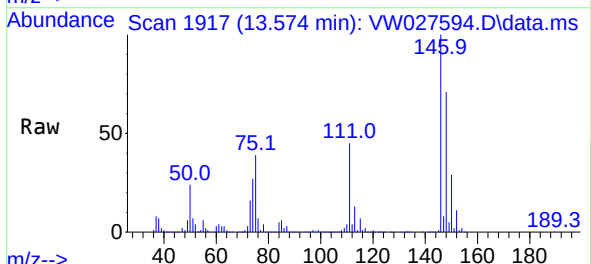
Instrument :
MSVOA_W
ClientSampleId :

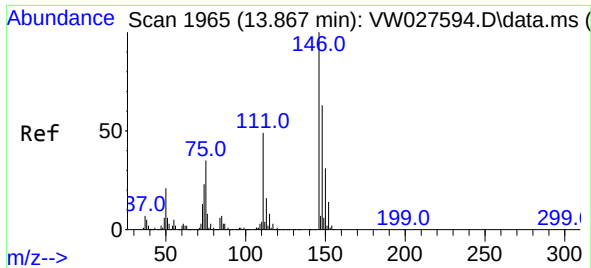
Tgt Ion:146 Resp: 171921
Ion Ratio Lower Upper
146 100
111 44.2 29.5 54.7
148 63.1 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 23.969 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion:146 Resp: 170846
Ion Ratio Lower Upper
146 100
111 44.8 28.9 53.7
148 71.1 44.9 83.5

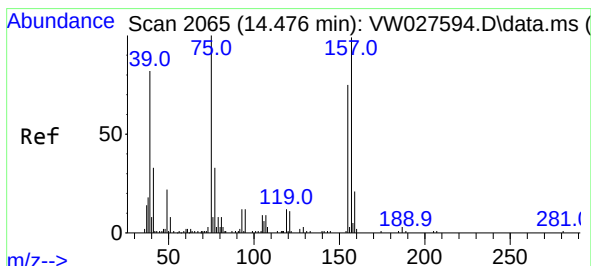
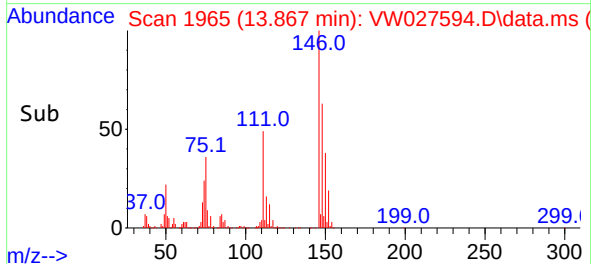
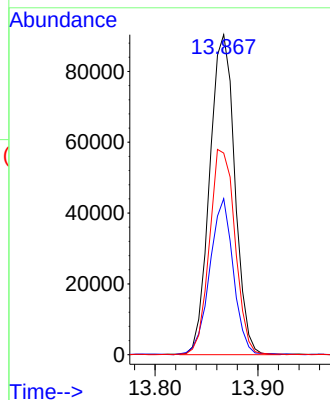
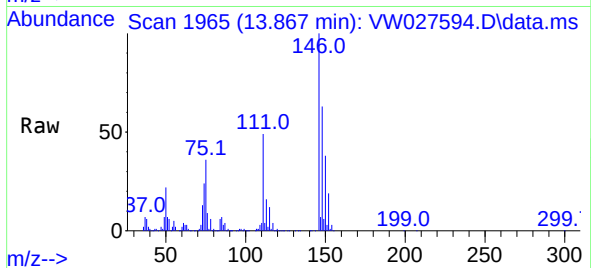




#67
1,2-Dichlorobenzene
Concen: 23.829 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

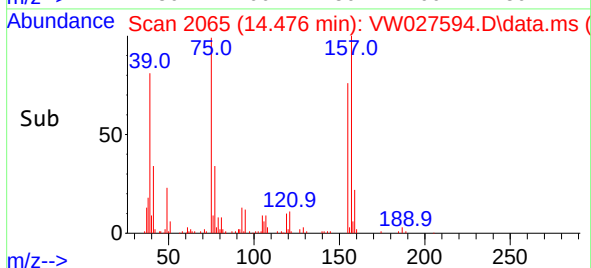
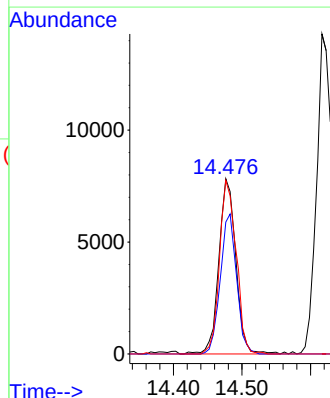
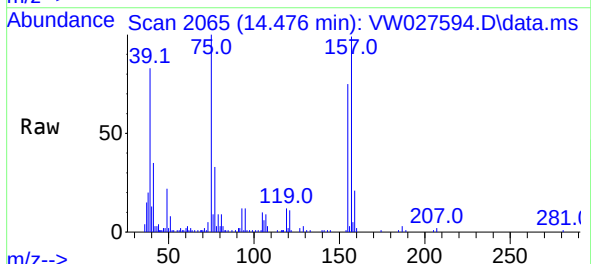
Instrument :
MSVOA_W
ClientSampleId :

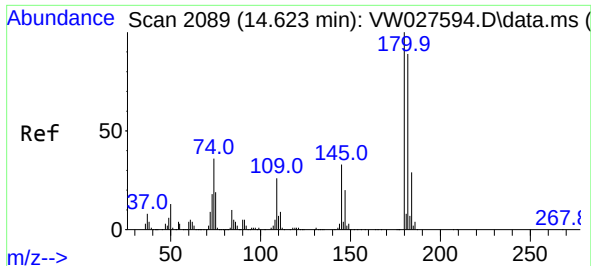
Tgt Ion:146 Resp: 153411
Ion Ratio Lower Upper
146 100
111 48.8 33.9 50.9
148 63.0 49.5 74.3



#68
1,2-Dibromo-3-chloropropane
Concen: 20.472 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

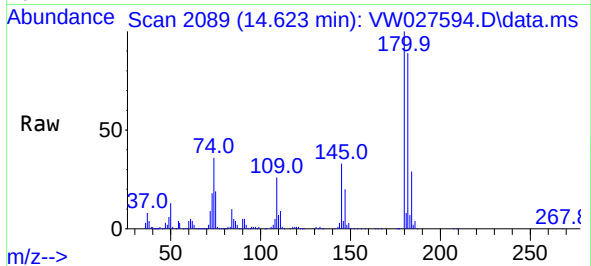
Tgt Ion: 75 Resp: 13420
Ion Ratio Lower Upper
75 100
155 75.2 65.8 98.8
157 99.0 63.0 94.6#





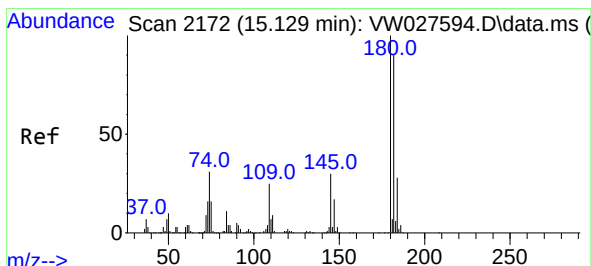
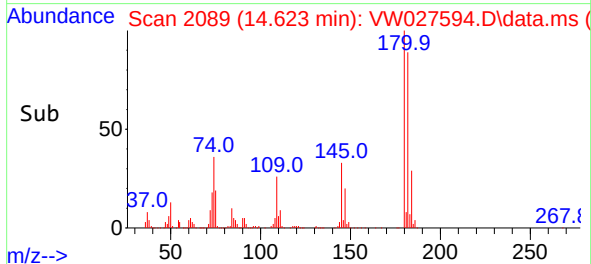
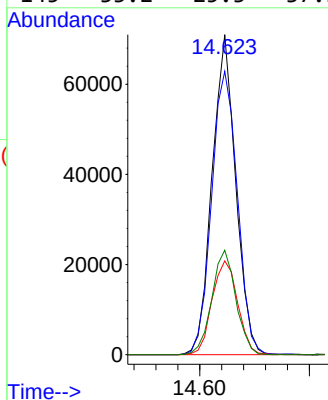
#69
1,3,5-Trichlorobenzene
Concen: 22.129 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:180 Resp: 106337

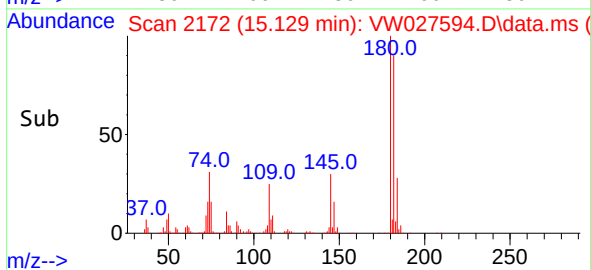
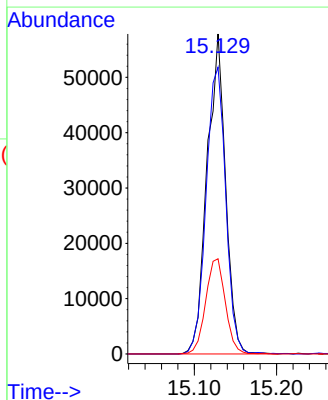
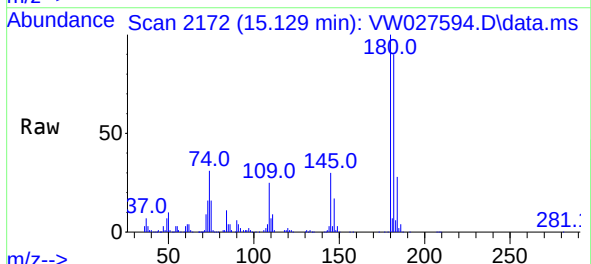
Ion	Ratio	Lower	Upper
180	100		
182	96.5	73.2	109.8
184	31.7	25.4	38.2
145	33.2	25.3	37.9

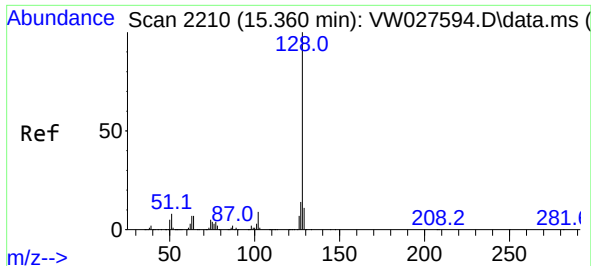


#70
1,2,4-trichlorobenzene
Concen: 24.210 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion:180 Resp: 90341

Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.7	118.1
145	31.6	26.8	40.2

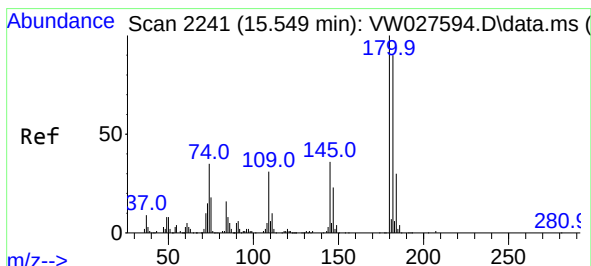
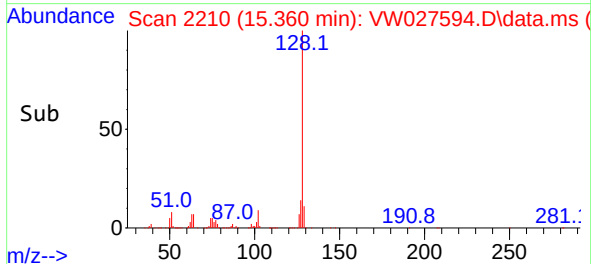
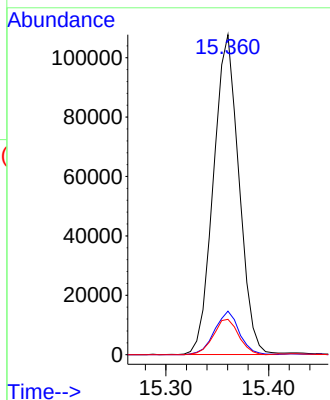
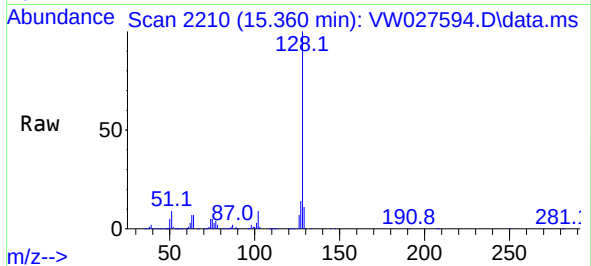




#71
Naphthalene
Concen: 23.658 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 185686
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.281 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW027594.D
Acq: 13 Dec 2023 14:33

Tgt Ion:180 Resp: 77617
Ion Ratio Lower Upper
180 100
182 92.7 72.4 108.6
145 34.7 27.4 41.0

