

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120723\
 Data File : VW027576.D
 Acq On : 07 Dec 2023 15:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 05:11:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 08 05:09:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	282162	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	239273	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	120300	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	121043	21.317	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.280%
7) Chloroethane-d5	2.911	69	91345	22.192	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.760%
11) 1,1-Dichloroethene-d2	4.033	65	53702	22.351	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.400%
21) 2-Butanone-d5	6.947	46	172	0.116	ug/L	-0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.240%#
24) Chloroform-d	7.654	84	184920	21.956	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.840%
26) 1,2-Dichloroethane-d4	8.307	65	89876	20.868	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.480%
32) Benzene-d6	8.276	84	392033	23.263	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.040%
36) 1,2-Dichloropropane-d6	9.276	67	110348	22.211	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.840%
41) Toluene-d8	10.325	98	340742	23.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.440%
43) trans-1,3-Dichloroprop...	10.581	79	41021	21.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.400%
47) 2-Hexanone-d5	10.922	63	40753	44.025	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87969	21.527	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.120%
66) 1,2-Dichlorobenzene-d4	13.855	152	97222	23.055	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.027	85	93509	24.751	ug/L	93
3) Chloromethane	2.229	50	97582	21.089	ug/L	99
5) Vinyl chloride	2.381	62	126557	23.448	ug/L	100
6) Bromomethane	2.802	94	61149	21.588	ug/L	97
8) Chloroethane	2.948	64	70673	22.926	ug/L	94
9) Trichlorofluoromethane	3.283	101	120562	23.323	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.094	101	116542	26.439	ug/L	98
12) 1,1-Dichloroethene	4.051	96	99860	24.812	ug/L	94
13) Acetone	4.131	43	48606	33.887	ug/L	97
14) Carbon disulfide	4.399	76	257424	21.166	ug/L	97
15) Methyl Acetate	4.679	43	44409	17.715	ug/L	97
16) Methylene chloride	4.935	84	91841	19.960	ug/L	93
17) trans-1,2-Dichloroethene	5.441	96	94442	22.758	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	145299	21.706	ug/L	98
19) 1,1-Dichloroethane	6.228	63	194329	23.026	ug/L	100
20) cis-1,2-Dichloroethene	7.179	96	99590	22.346	ug/L	96
22) 2-Butanone	7.173	43	64705	34.967	ug/L	99
23) Bromochloromethane	7.526	128	39107	22.310	ug/L	90
25) Chloroform	7.685	83	175379	22.887	ug/L	91

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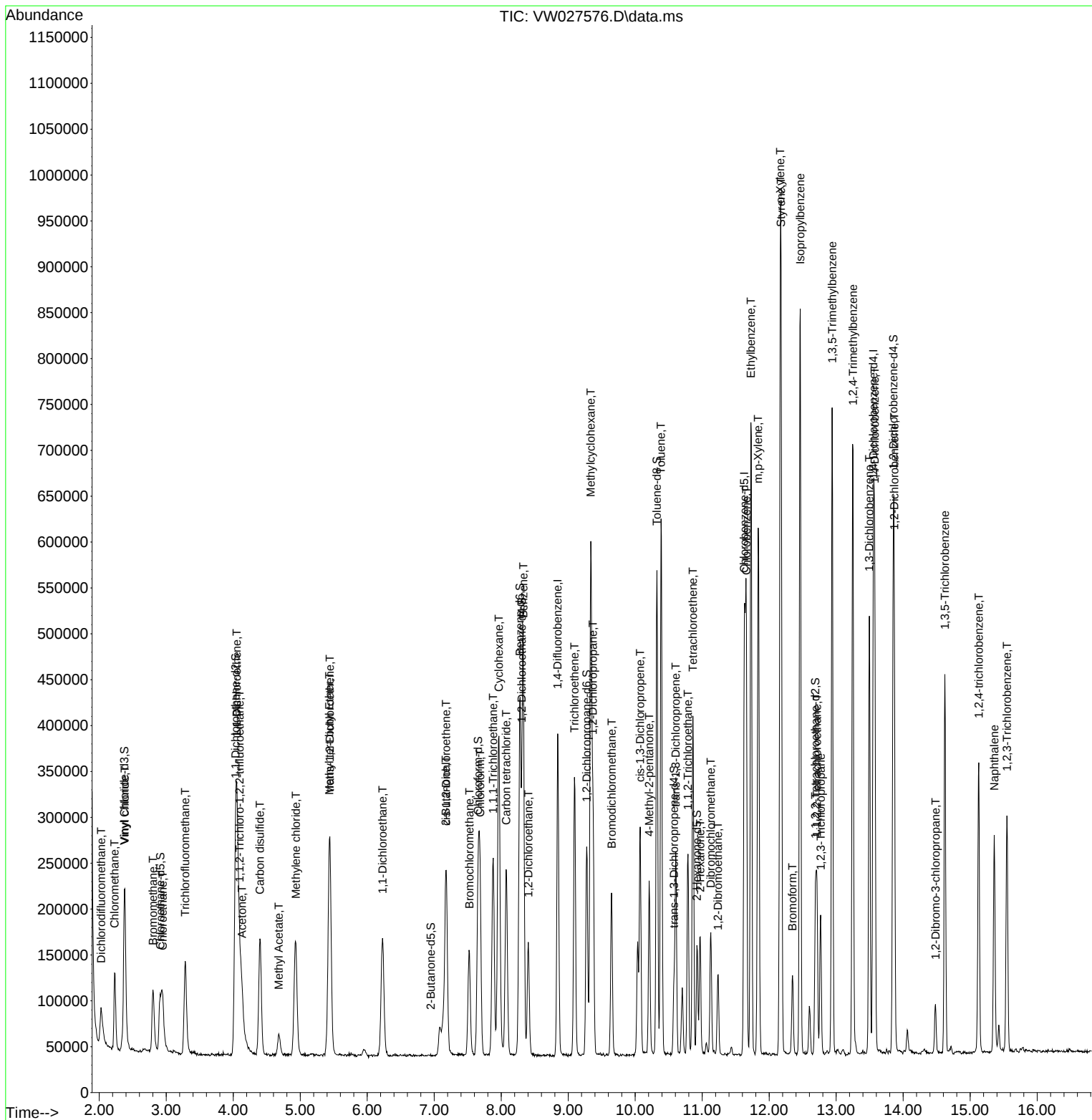
Instrument :
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 ClientSampleId :

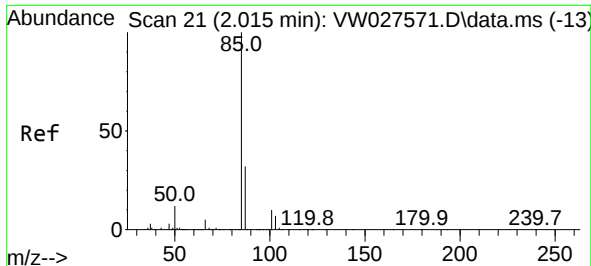
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	110085	22.228	ug/L	99
29) Cyclohexane	7.965	56	212601	27.027	ug/L	98
30) 1,1,1-Trichloroethane	7.880	97	173632	26.014	ug/L	99
31) Carbon tetrachloride	8.075	117	150471	25.846	ug/L	100
33) Benzene	8.331	78	396670	24.020	ug/L	100
34) Trichloroethene	9.093	95	110372	24.469	ug/L	98
35) Methylcyclohexane	9.337	83	220418	27.443	ug/L	100
37) 1,2-Dichloropropane	9.367	63	101286	23.230	ug/L	98
38) Bromodichloromethane	9.648	83	119050	23.618	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	145498	23.116	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	126955	43.075	ug/L	99
42) Toluene	10.386	91	420256	24.060	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	118265	23.292	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	69784	22.981	ug/L	98
46) Tetrachloroethene	10.861	164	78531	24.421	ug/L	92
48) 2-Hexanone	10.971	43	88712	42.709	ug/L	97
49) Dibromochloromethane	11.129	129	67474	22.479	ug/L	92
50) 1,2-Dibromoethane	11.233	107	61503	22.138	ug/L	99
51) Chlorobenzene	11.660	112	247389	23.477	ug/L	95
52) Ethylbenzene	11.727	91	490524	24.723	ug/L	97
53) m,p-Xylene	11.837	106	178822	24.460	ug/L	98
54) o-Xylene	12.166	106	163105	24.546	ug/L	91
55) Styrene	12.178	104	277209	24.442	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	87140	22.043	ug/L	95
59) Bromoform	12.349	173	38319	22.743	ug/L	97
60) Isopropylbenzene	12.464	105	516233	25.990	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	62633	21.586	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	370251	25.203	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	362212	24.756	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	183381	24.103	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	177311	23.365	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	154603	22.555	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.482	75	14200	20.346	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	117031	22.875	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	96411	24.267	ug/L	95
71) Naphthalene	15.360	128	191838	22.957	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	82243	24.166	ug/L	97

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

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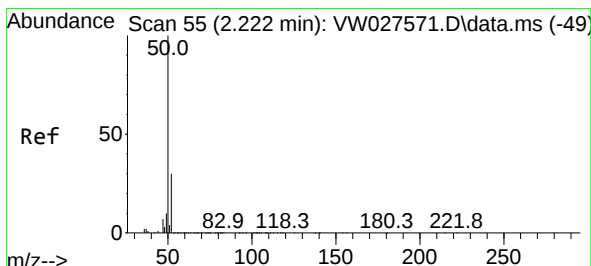
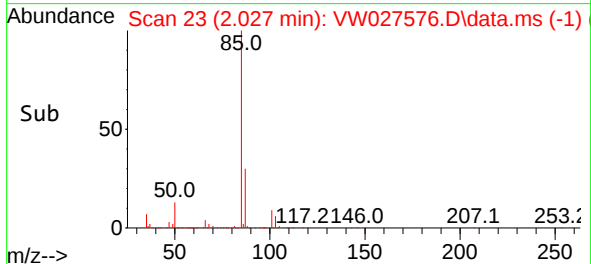
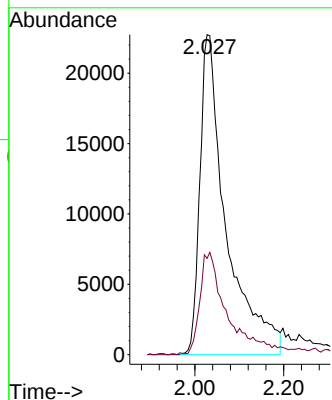
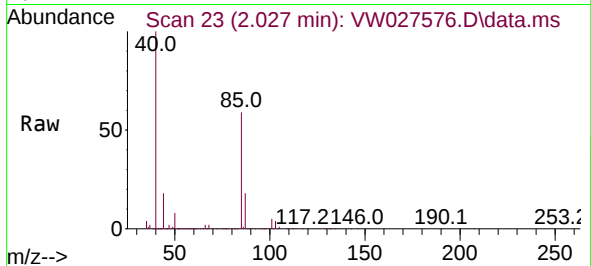




#2
Dichlorodifluoromethane
Concen: 24.751 ug/L
RT: 2.027 min Scan# 21
Delta R.T. 0.012 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

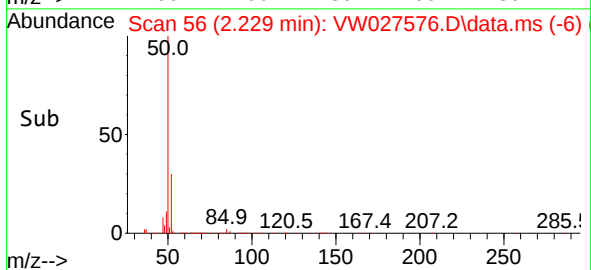
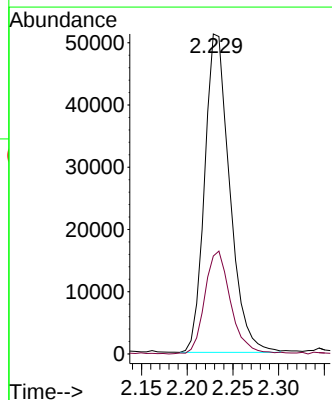
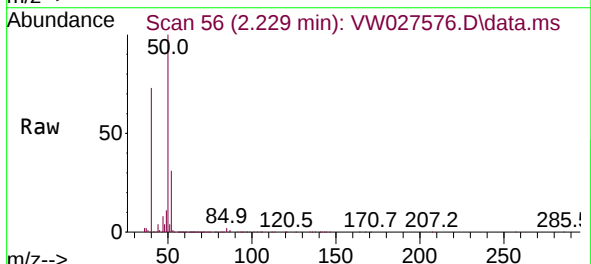
Instrument :
MSVOA_W
ClientSampleId :

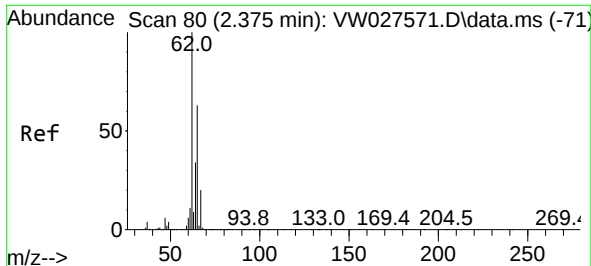
Tgt Ion: 85 Resp: 93509
Ion Ratio Lower Upper
85 100
87 26.4 24.0 36.0



#3
Chloromethane
Concen: 21.089 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion: 50 Resp: 97582
Ion Ratio Lower Upper
50 100
52 30.6 21.8 40.6

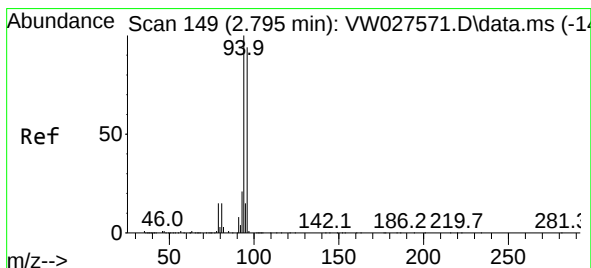
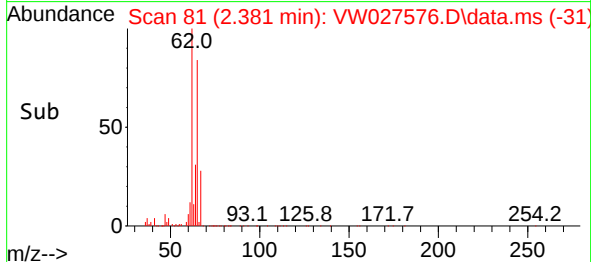
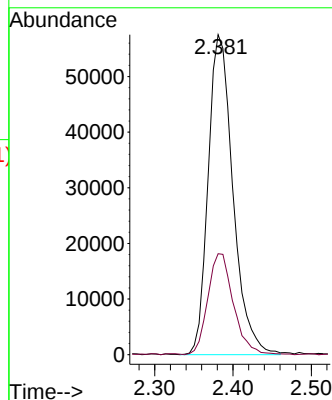
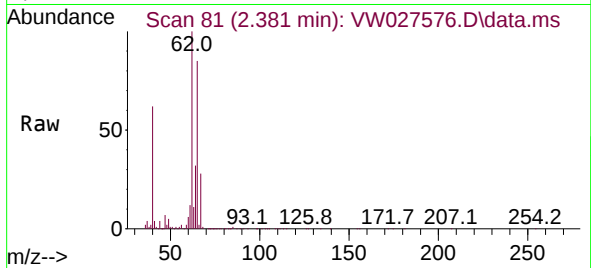




#5
 Vinyl chloride
 Concen: 23.448 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027576.D
 Acq: 07 Dec 2023 15:49

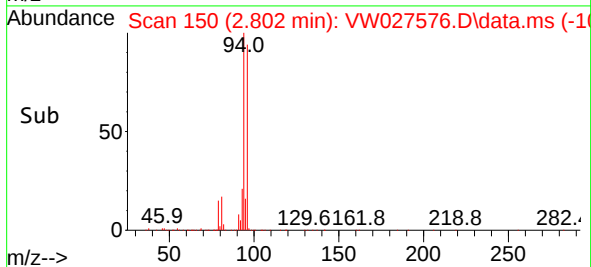
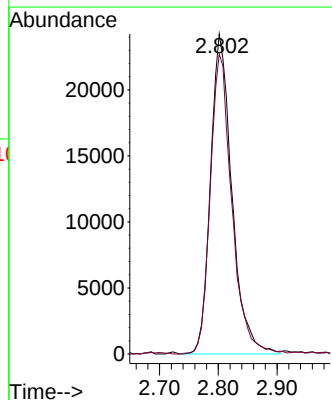
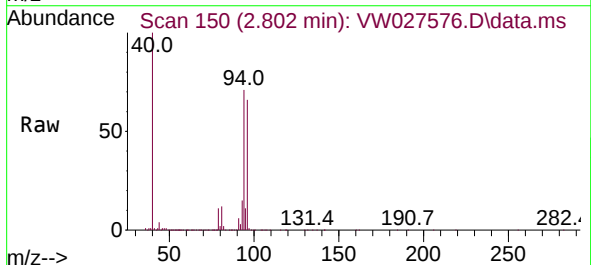
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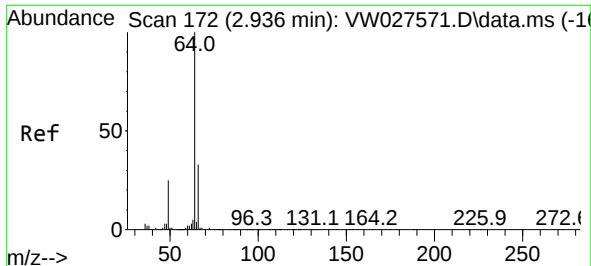
Tgt Ion: 62 Resp: 126557
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.2 41.2



#6
 Bromomethane
 Concen: 21.588 ug/L
 RT: 2.802 min Scan# 150
 Delta R.T. 0.006 min
 Lab File: VW027576.D
 Acq: 07 Dec 2023 15:49

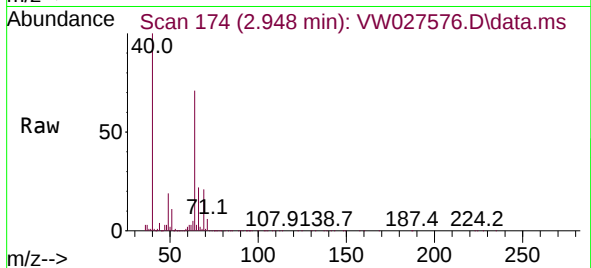
Tgt Ion: 94 Resp: 61149
 Ion Ratio Lower Upper
 94 100
 96 93.8 63.3 117.7



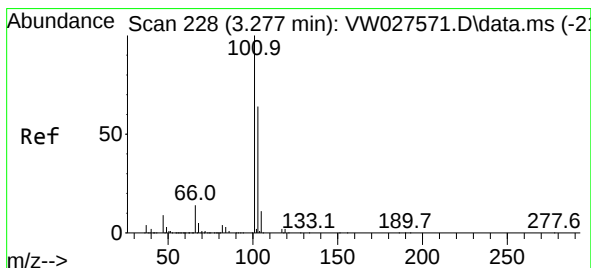
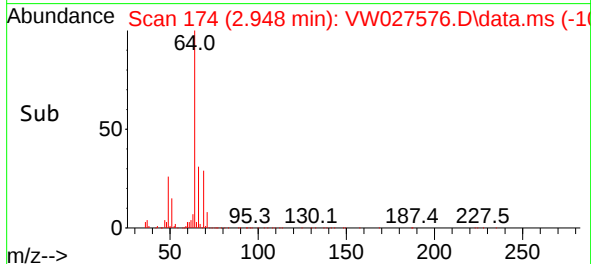
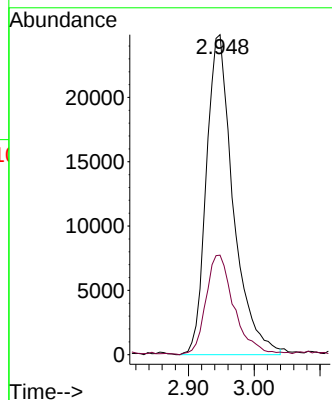


#8
Chloroethane
Concen: 22.926 ug/L
RT: 2.948 min Scan# 11
Delta R.T. 0.012 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Instrument :
MSVOA_W
ClientSampleId :

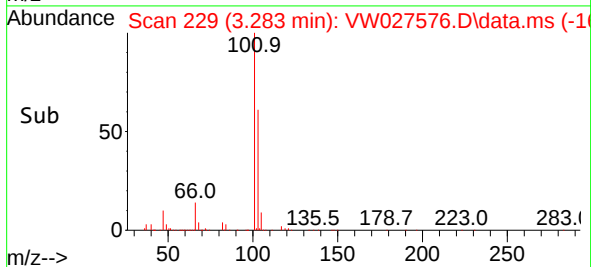
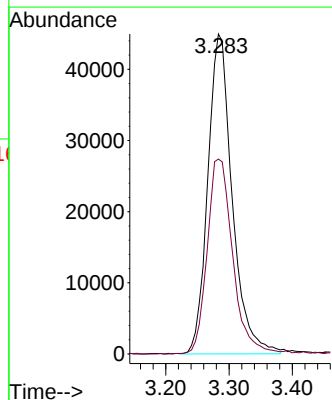
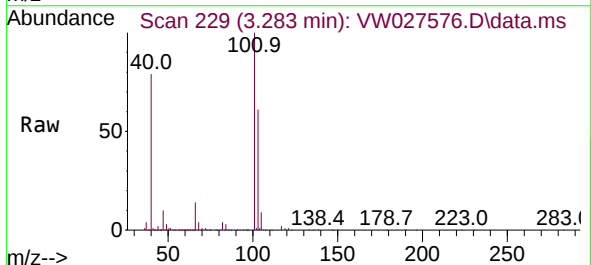


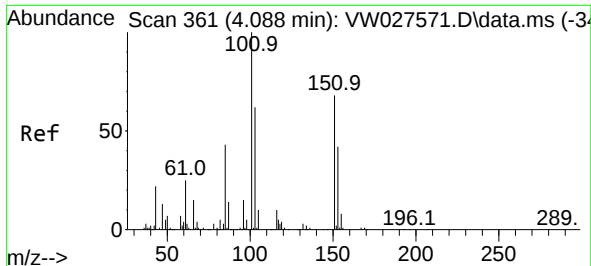
Tgt Ion: 64 Resp: 70673
Ion Ratio Lower Upper
64 100
66 31.1 24.1 44.7



#9
Trichlorofluoromethane
Concen: 23.323 ug/L
RT: 3.283 min Scan# 229
Delta R.T. 0.006 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion: 101 Resp: 120562
Ion Ratio Lower Upper
101 100
103 63.5 52.0 78.0

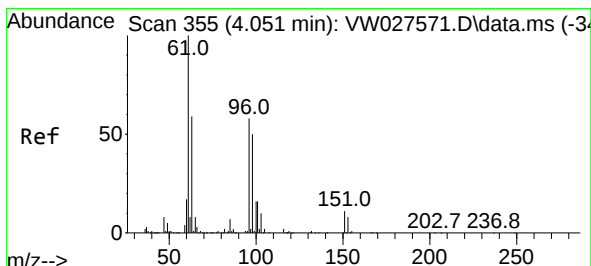
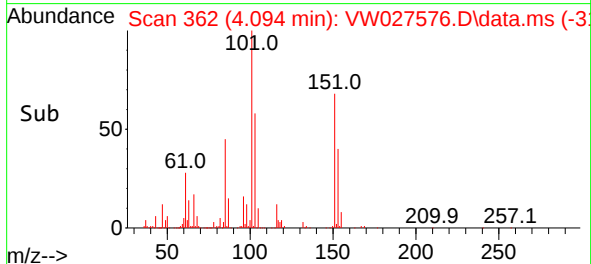
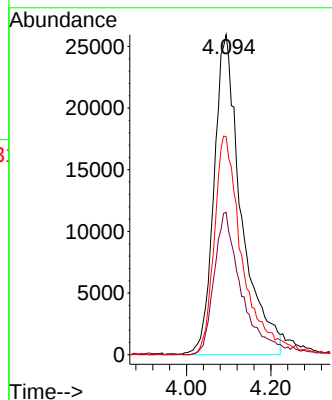
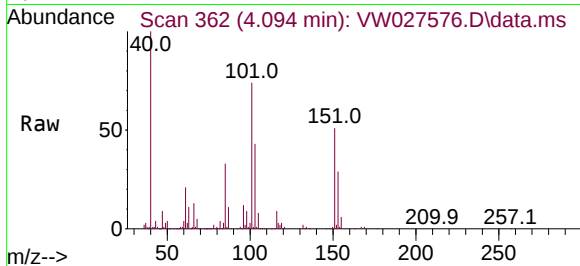




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.439 ug/L
 RT: 4.094 min Scan# 361
 Delta R.T. 0.006 min
 Lab File: VW027576.D
 Acq: 07 Dec 2023 15:49

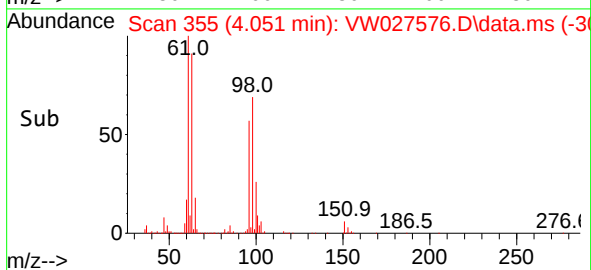
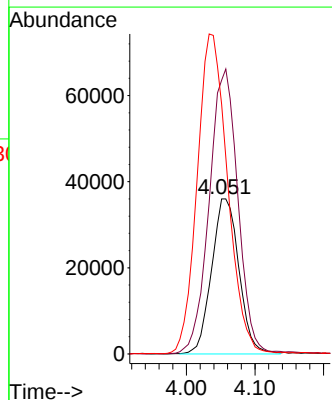
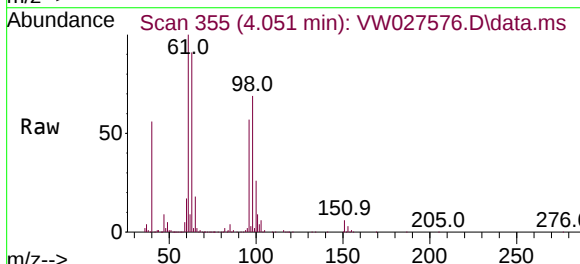
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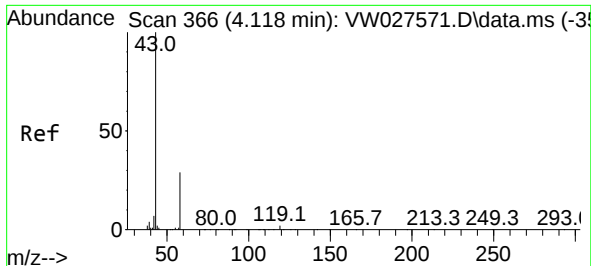
Tgt Ion:101 Resp: 116542
 Ion Ratio Lower Upper
 101 100
 85 44.5 33.9 50.9
 151 66.7 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 24.812 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW027576.D
 Acq: 07 Dec 2023 15:49

Tgt Ion: 96 Resp: 99860
 Ion Ratio Lower Upper
 96 100
 61 176.5 127.8 237.4
 63 160.9 104.9 194.7

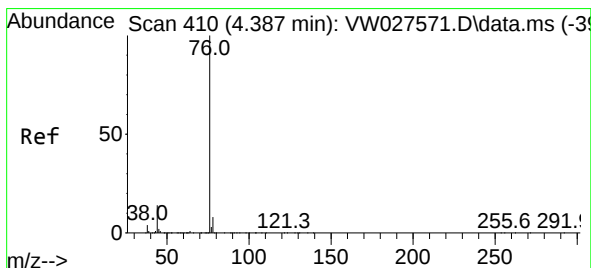
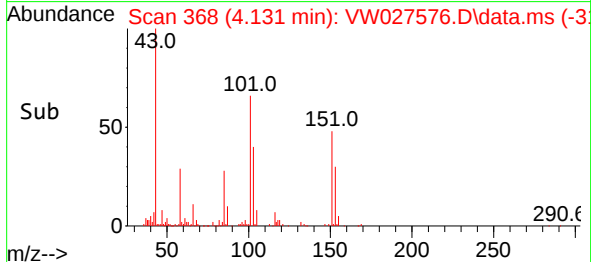
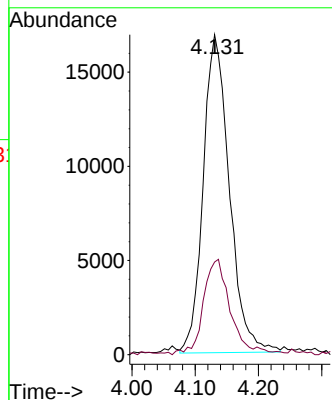
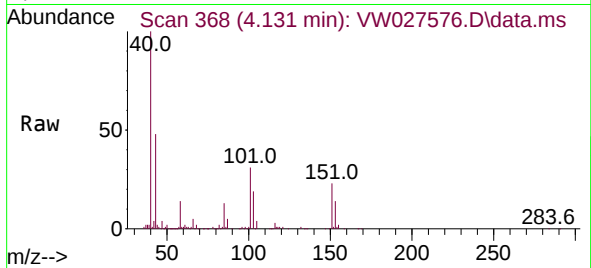




#13
Acetone
Concen: 33.887 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

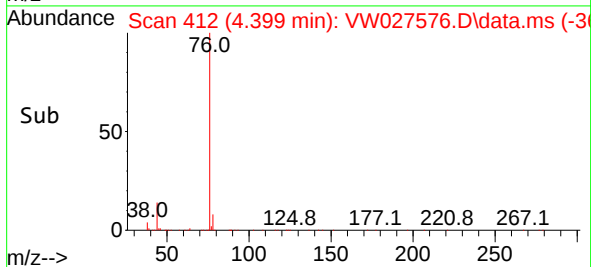
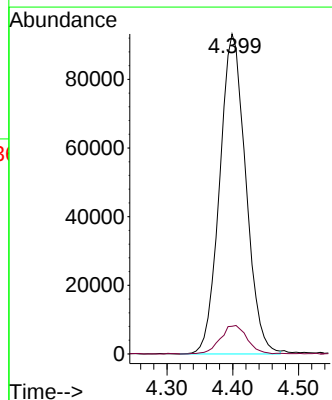
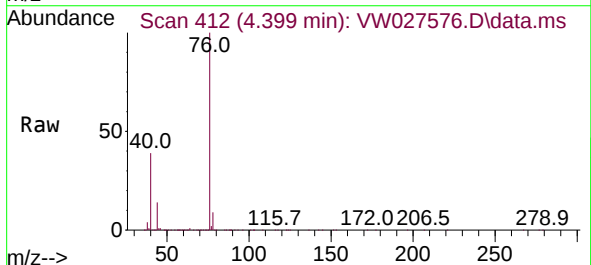
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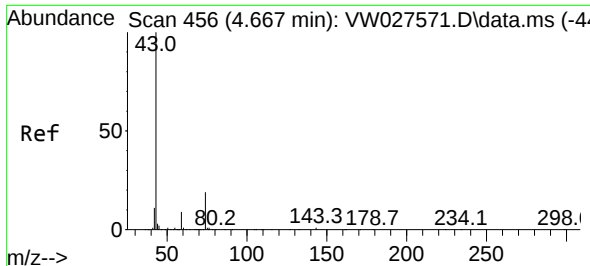
Tgt Ion: 43 Resp: 48606
Ion Ratio Lower Upper
43 100
58 28.6 0.0 60.0



#14
Carbon disulfide
Concen: 21.166 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
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Tgt Ion: 76 Resp: 257424
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.6

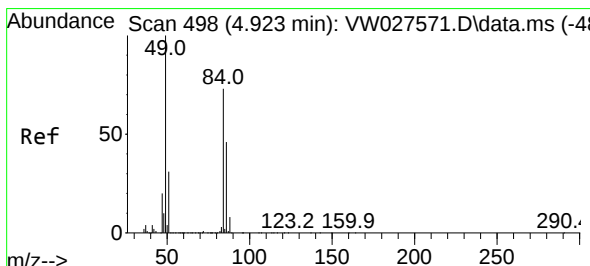
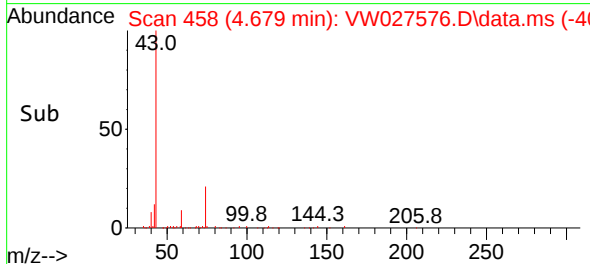
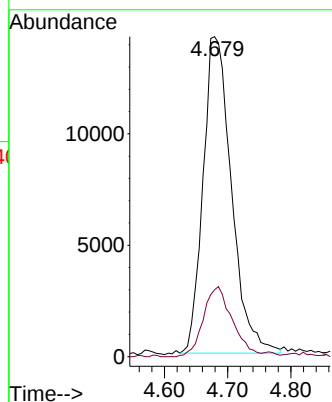
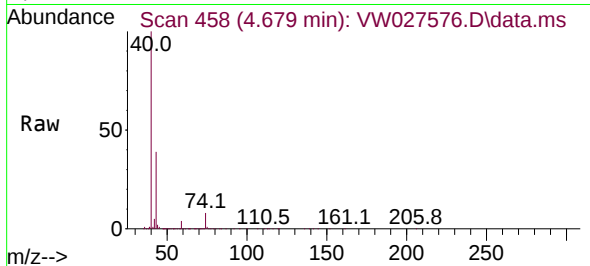




#15
Methyl Acetate
Concen: 17.715 ug/L
RT: 4.679 min Scan# 4
Delta R.T. 0.012 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

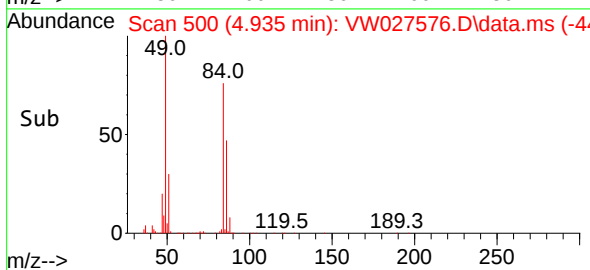
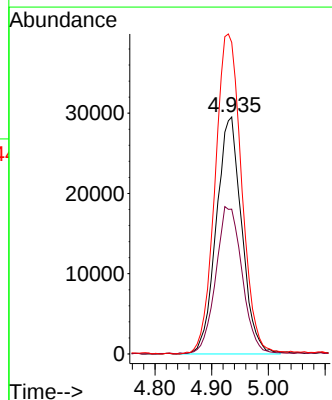
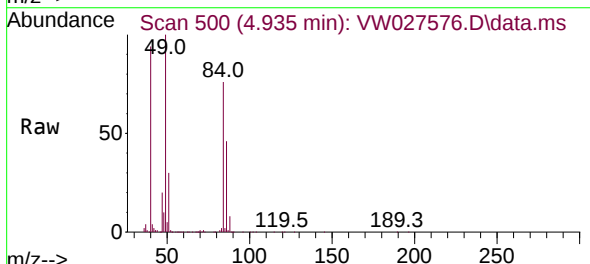
Instrument :
MSVOA_W
ClientSampleId :

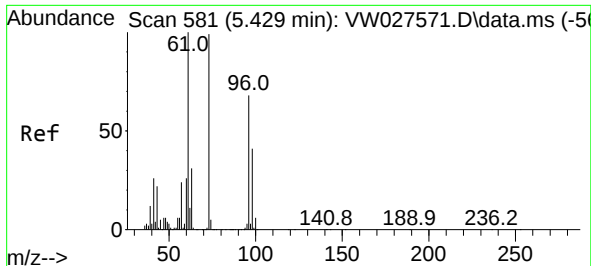
Tgt Ion: 43 Resp: 44409
Ion Ratio Lower Upper
43 100
74 22.5 16.8 25.2



#16
Methylene chloride
Concen: 19.960 ug/L
RT: 4.935 min Scan# 500
Delta R.T. 0.012 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion: 84 Resp: 91841
Ion Ratio Lower Upper
84 100
86 61.1 47.7 88.7
49 131.5 97.4 181.0

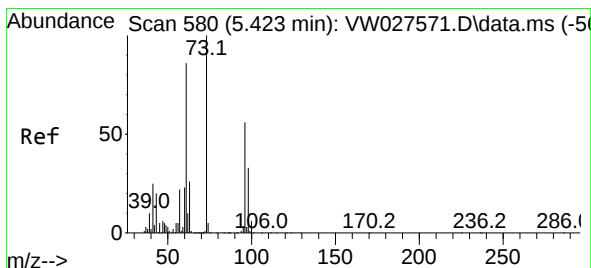
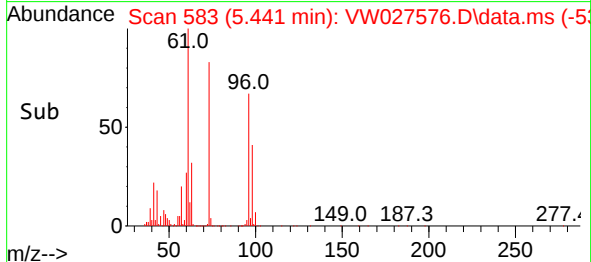
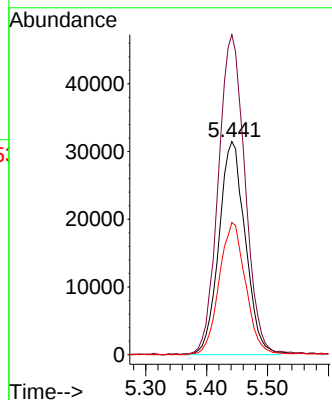
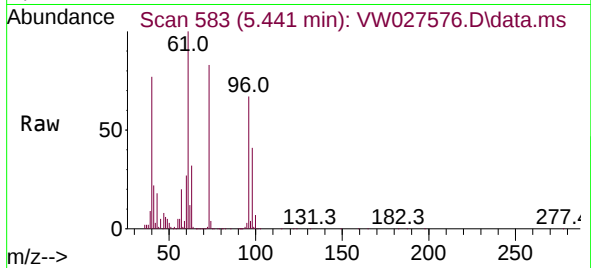




#17
trans-1,2-Dichloroethene
Concen: 22.758 ug/L
RT: 5.441 min Scan# 581
Delta R.T. 0.012 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

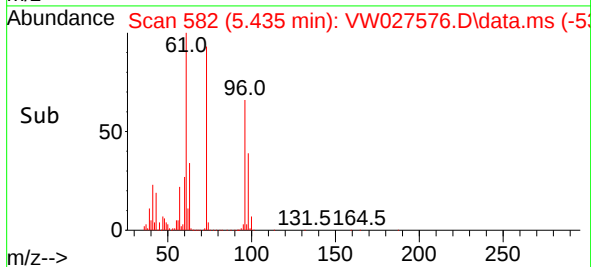
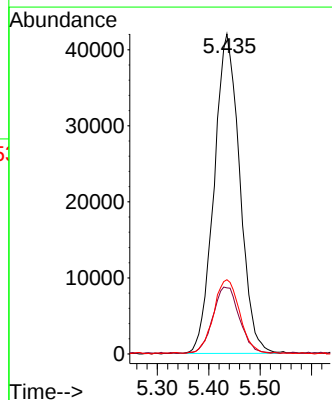
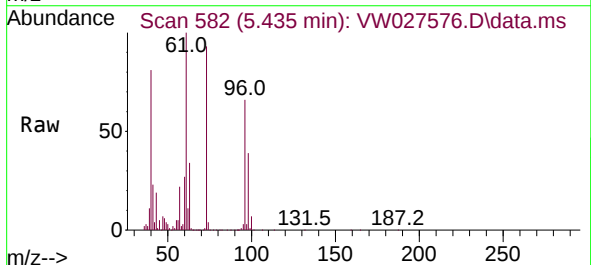
Instrument :
MSVOA_W
ClientSampleId :

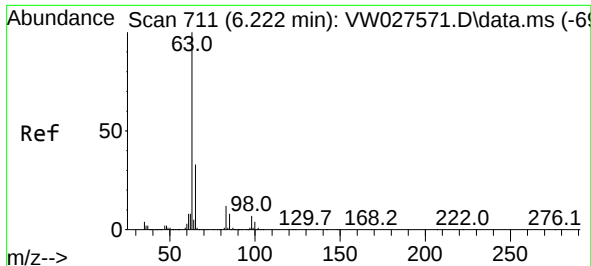
Tgt Ion: 96 Resp: 94442
Ion Ratio Lower Upper
96 100
61 150.1 109.6 203.6
98 62.0 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 21.706 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.012 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion: 73 Resp: 145299
Ion Ratio Lower Upper
73 100
43 21.6 17.8 26.6
57 23.3 19.9 29.9





#19

1,1-Dichloroethane

Concen: 23.026 ug/L

RT: 6.228 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :

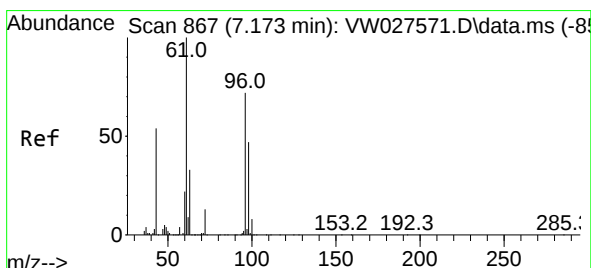
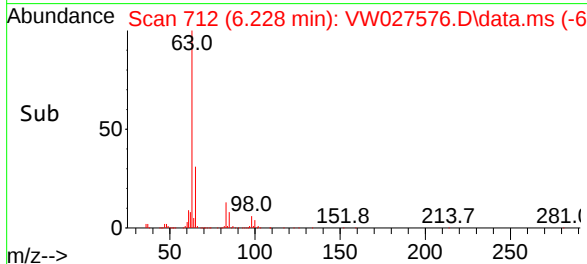
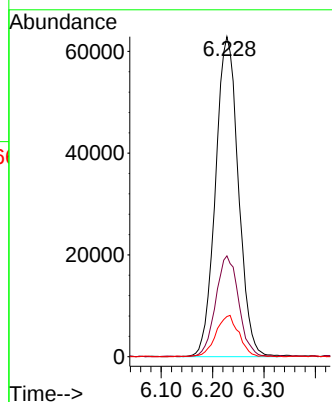
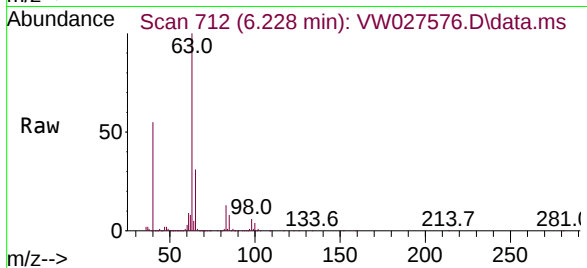
Tgt Ion: 63 Resp: 194329

Ion Ratio Lower Upper

63 100

65 31.5 22.0 40.8

83 12.6 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 22.346 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.006 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

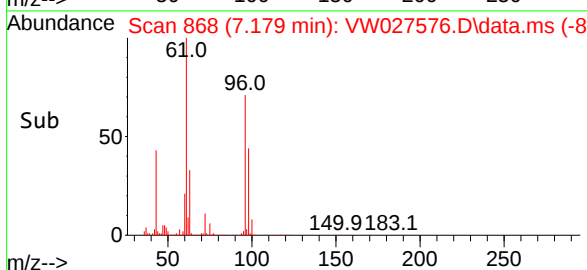
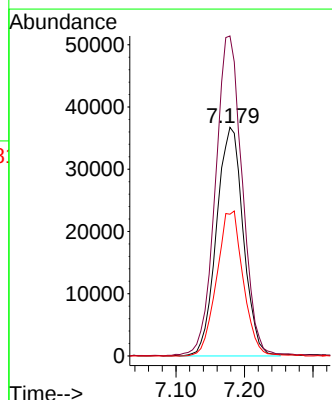
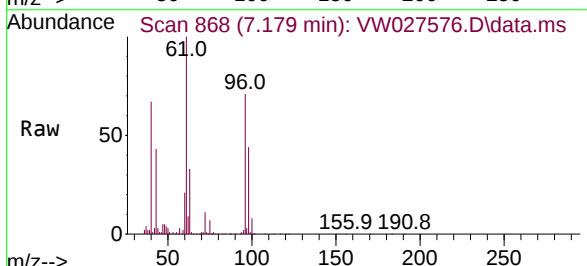
Tgt Ion: 96 Resp: 99590

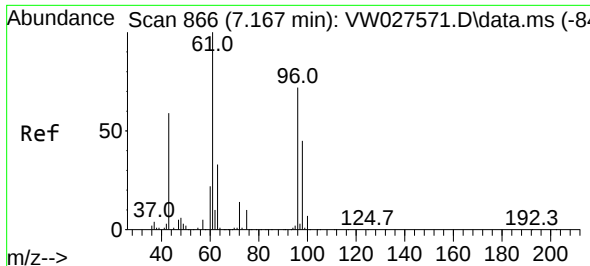
Ion Ratio Lower Upper

96 100

61 140.0 94.0 174.6

98 62.0 45.1 83.7

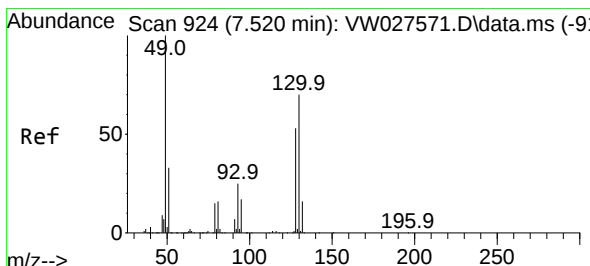
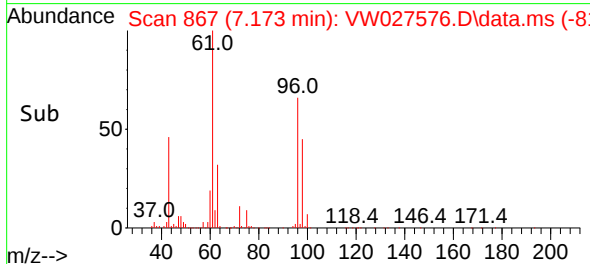
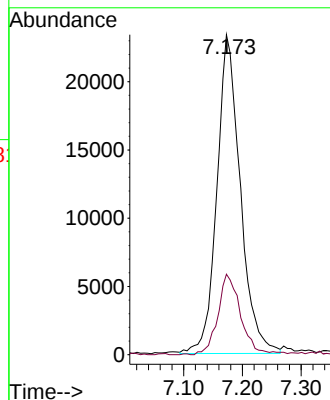
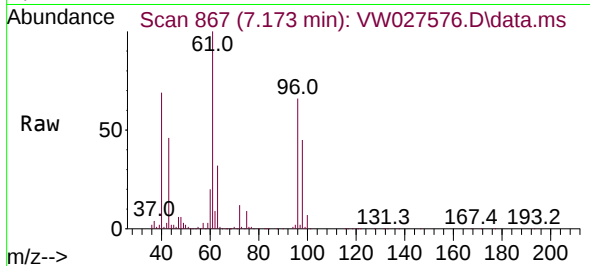




#22
2-Butanone
Concen: 34.967 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

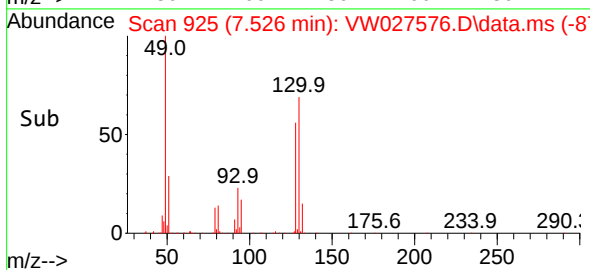
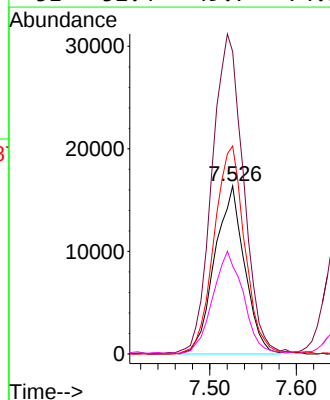
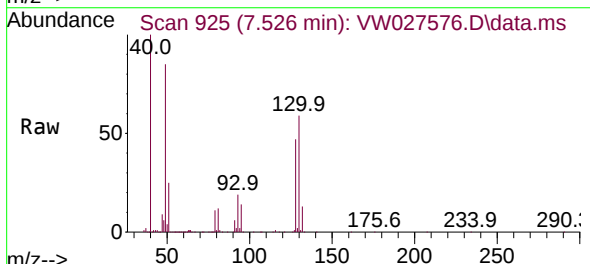
Instrument :
MSVOA_W
ClientSampleId :

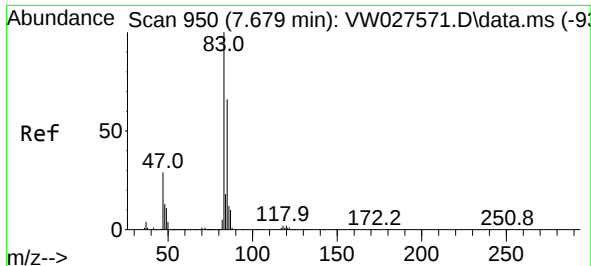
Tgt Ion: 43 Resp: 64705
Ion Ratio Lower Upper
43 100
72 24.1 11.9 35.9



#23
Bromochloromethane
Concen: 22.310 ug/L
RT: 7.526 min Scan# 925
Delta R.T. 0.006 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion: 128 Resp: 39107
Ion Ratio Lower Upper
128 100
49 180.0 137.8 256.0
130 123.9 91.2 169.4
51 52.4 49.7 74.5

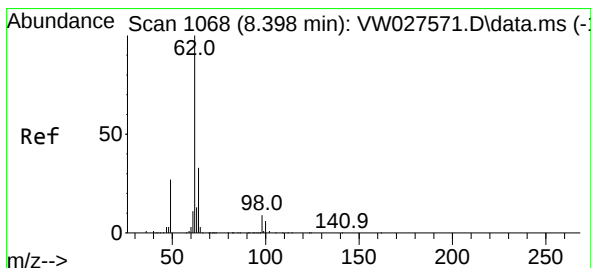
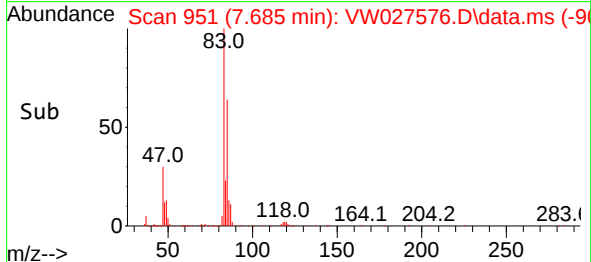
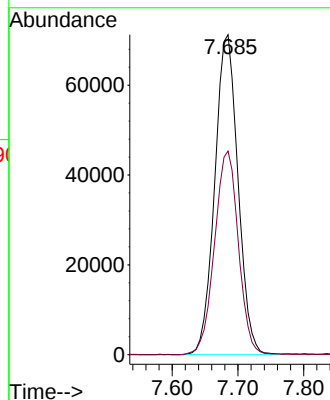
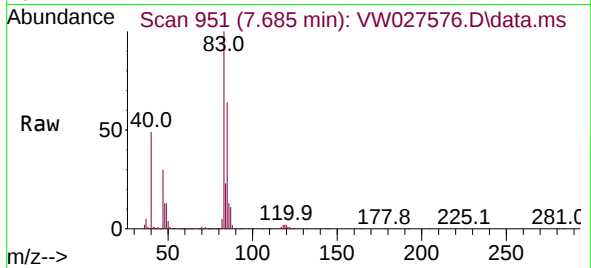




#25
Chloroform
Concen: 22.887 ug/L
RT: 7.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

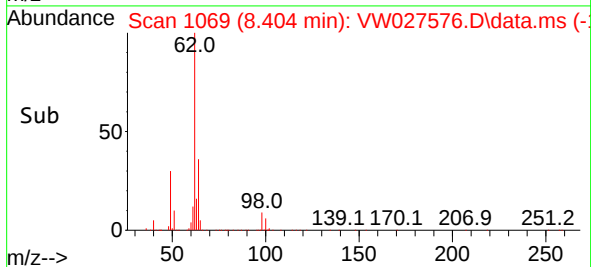
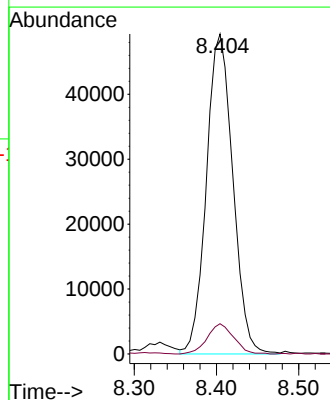
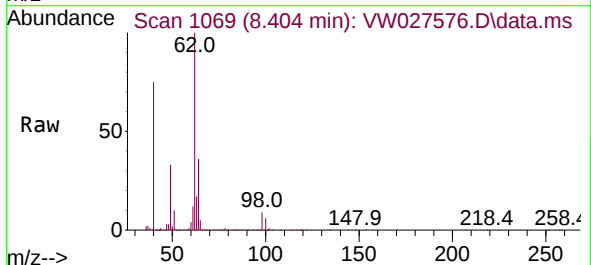
Instrument :
MSVOA_W
ClientSampleId :

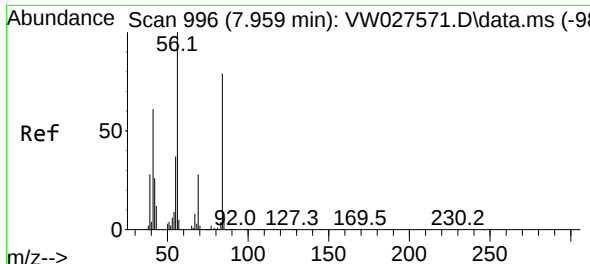
Tgt Ion: 83 Resp: 175379
Ion Ratio Lower Upper
83 100
85 63.6 49.8 92.6



#27
1,2-Dichloroethane
Concen: 22.228 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion: 62 Resp: 110085
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0

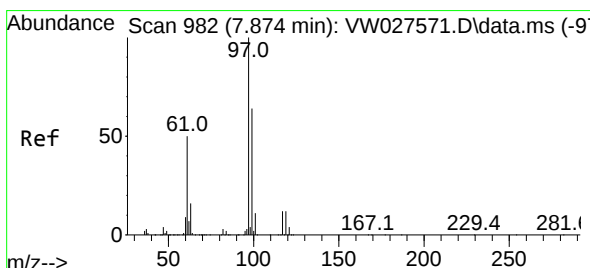
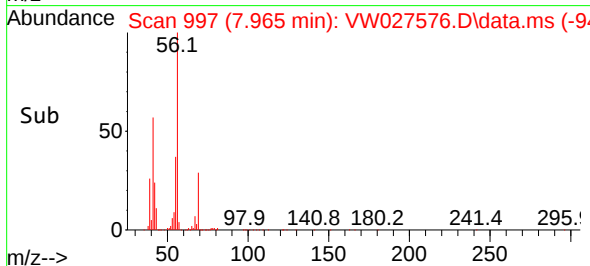
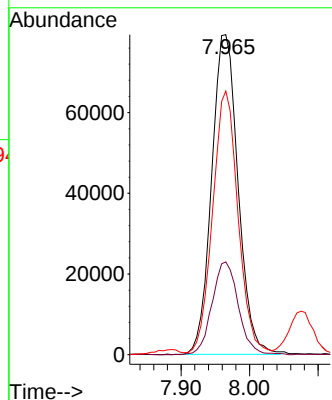
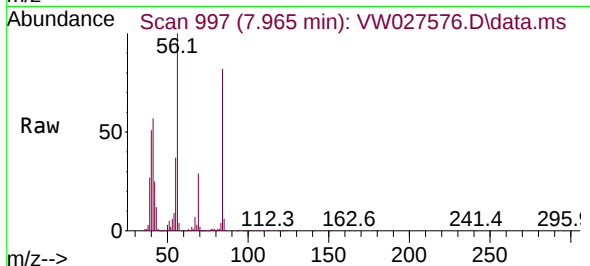




#29
Cyclohexane
Concen: 27.027 ug/L
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

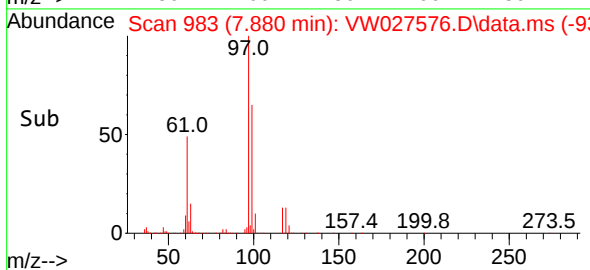
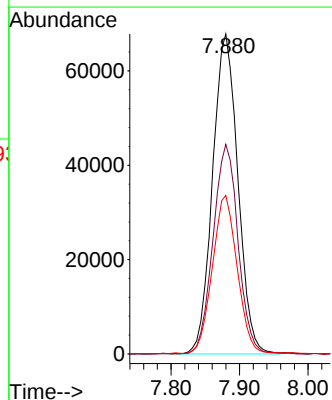
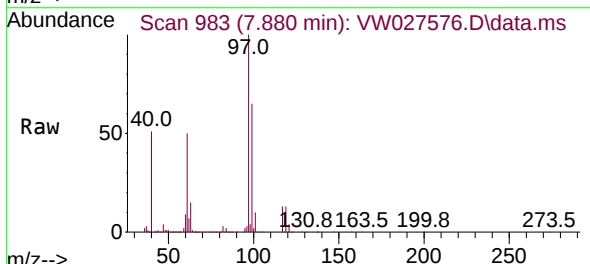
Instrument :
MSVOA_W
ClientSampleId :

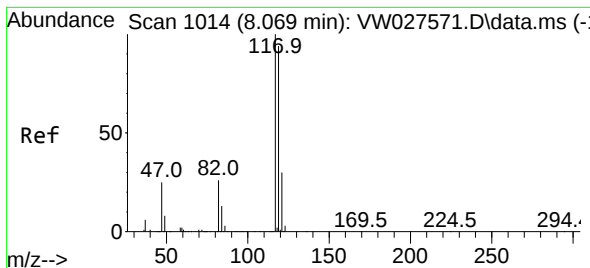
Tgt Ion: 56 Resp: 212601
Ion Ratio Lower Upper
56 100
69 28.6 24.1 36.1
84 79.3 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 26.014 ug/L
RT: 7.880 min Scan# 983
Delta R.T. 0.006 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion: 97 Resp: 173632
Ion Ratio Lower Upper
97 100
99 64.8 50.5 75.7
61 48.7 39.0 58.4





#31

Carbon tetrachloride

Concen: 25.846 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

Instrument :

MSVOA_W

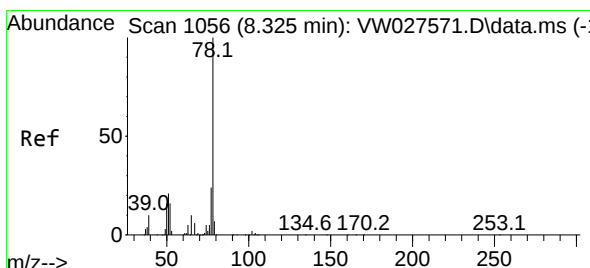
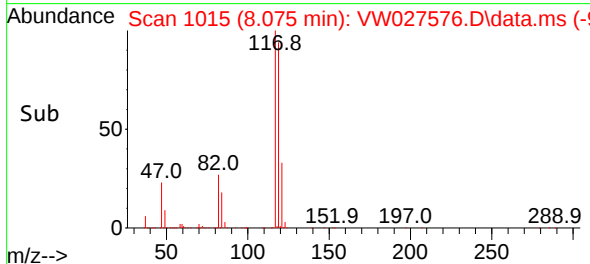
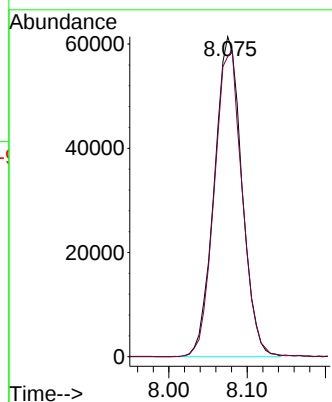
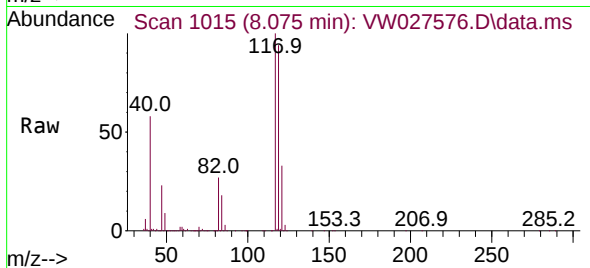
ClientSampleId :

Tgt Ion:117 Resp: 150471

Ion Ratio Lower Upper

117 100

119 96.6 77.0 115.6



#33

Benzene

Concen: 24.020 ug/L

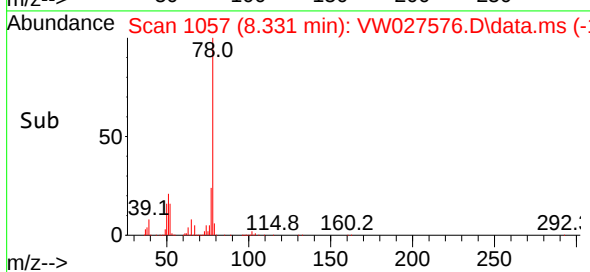
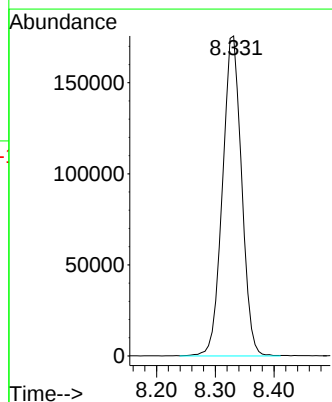
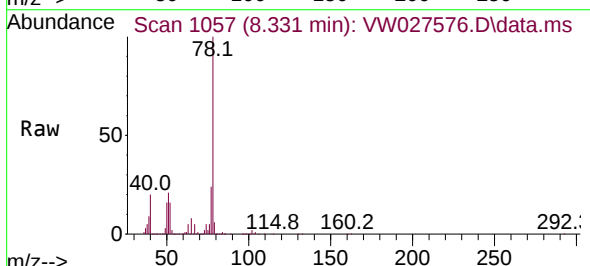
RT: 8.331 min Scan# 1057

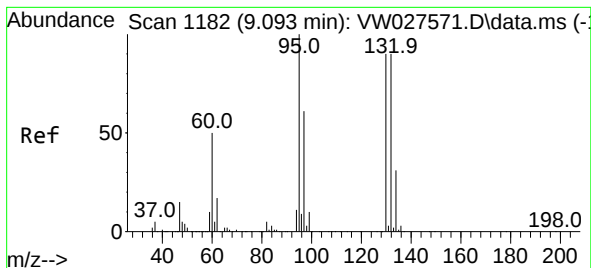
Delta R.T. 0.006 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

Tgt Ion: 78 Resp: 396670





#34

Trichloroethene

Concen: 24.469 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 110372

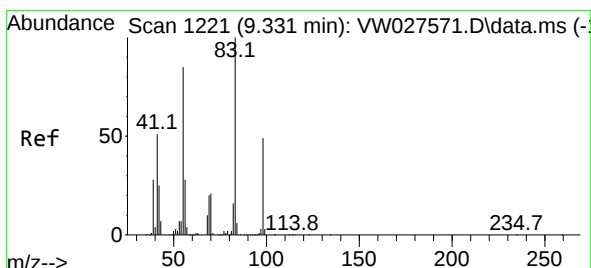
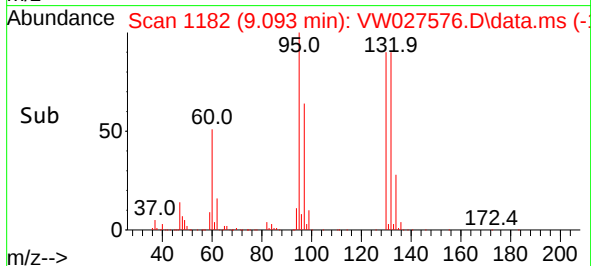
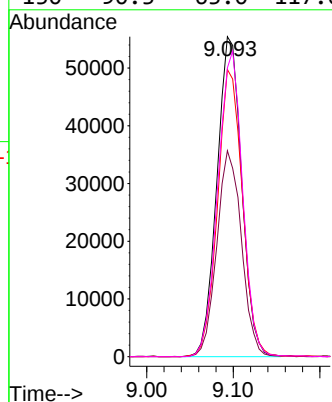
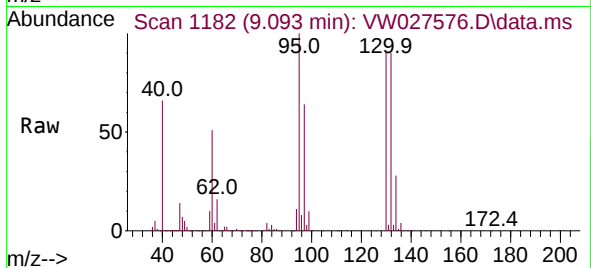
Ion Ratio Lower Upper

95 100

97 64.3 43.0 80.0

132 89.8 64.1 119.1

130 90.3 63.0 117.0



#35

Methylcyclohexane

Concen: 27.443 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

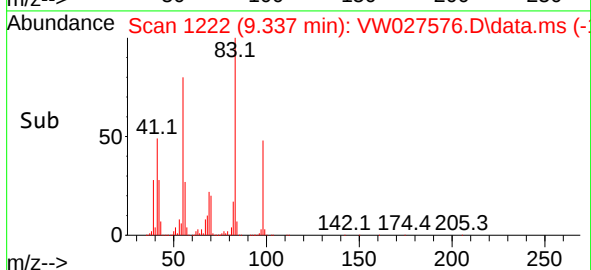
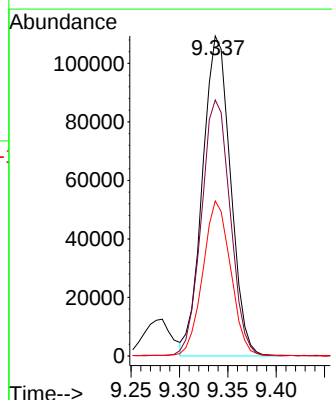
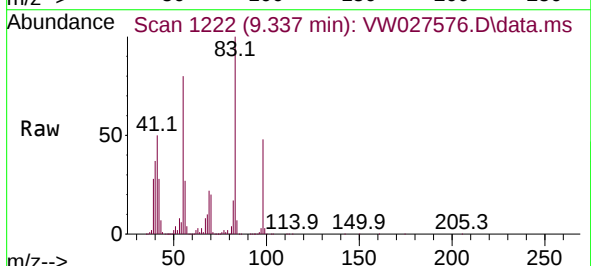
Tgt Ion: 83 Resp: 220418

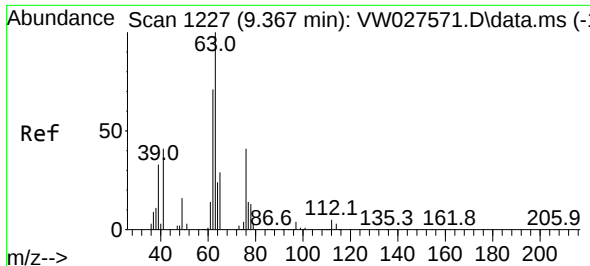
Ion Ratio Lower Upper

83 100

55 82.2 65.6 98.4

98 48.1 38.3 57.5





#37

1,2-Dichloropropane

Concen: 23.230 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

Instrument :

MSVOA_W

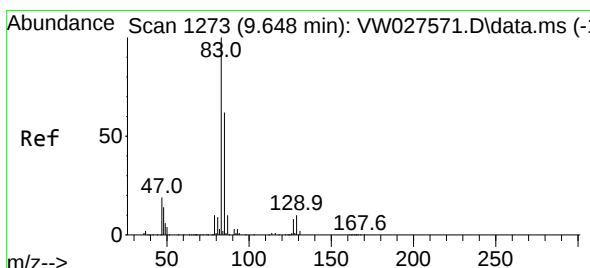
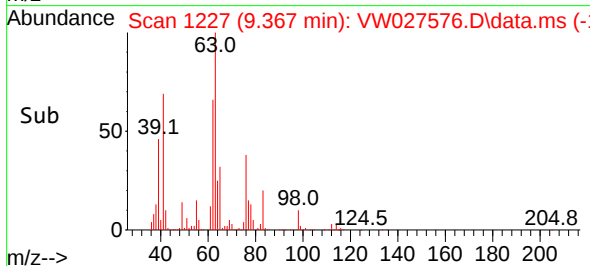
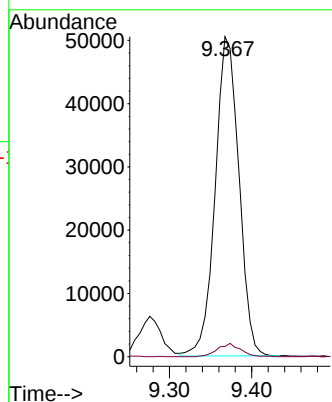
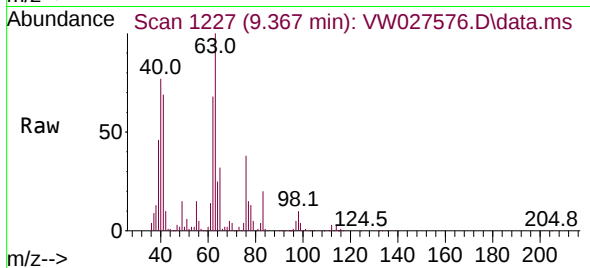
ClientSampleId :

Tgt Ion: 63 Resp: 101286

Ion Ratio Lower Upper

63 100

112 3.9 3.6 5.4



#38

Bromodichloromethane

Concen: 23.618 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

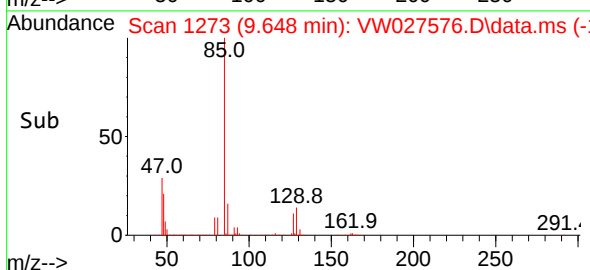
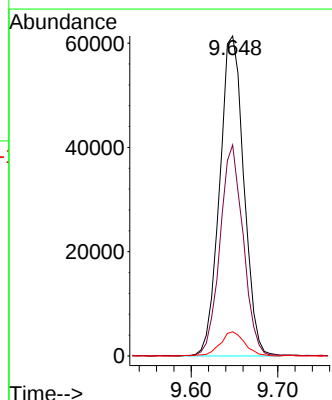
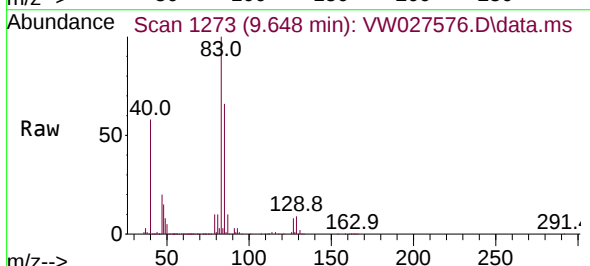
Tgt Ion: 83 Resp: 119050

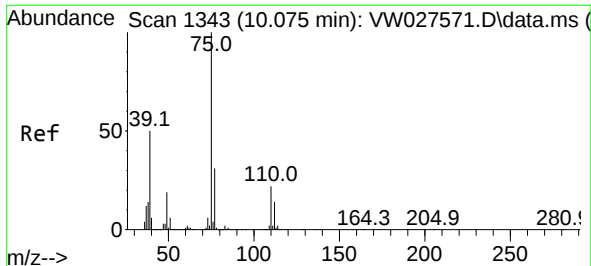
Ion Ratio Lower Upper

83 100

85 65.9 44.3 82.3

127 7.5 5.3 7.9

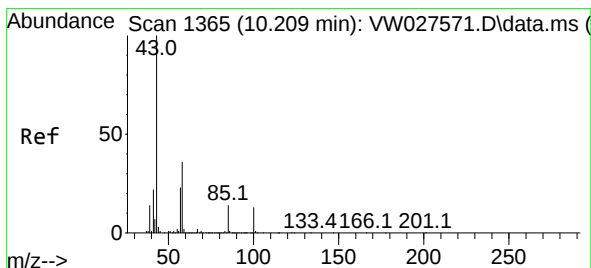
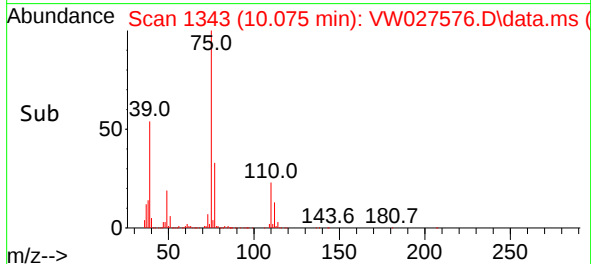
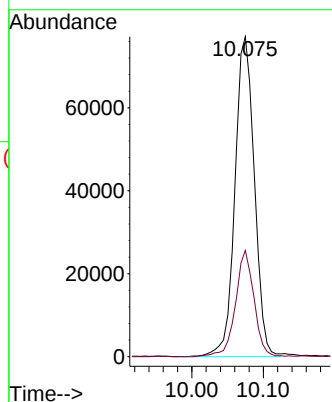
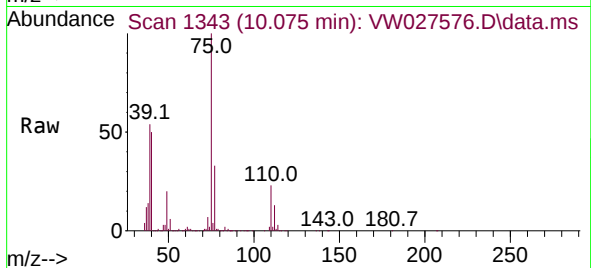




#39
 cis-1,3-Dichloropropene
 Concen: 23.116 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW027576.D
 Acq: 07 Dec 2023 15:49

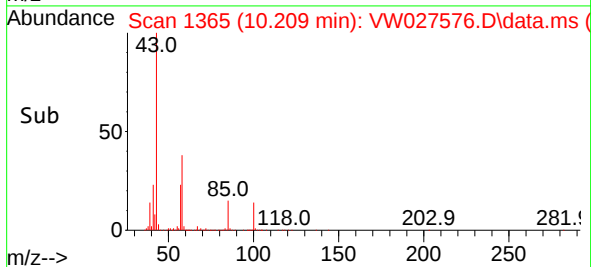
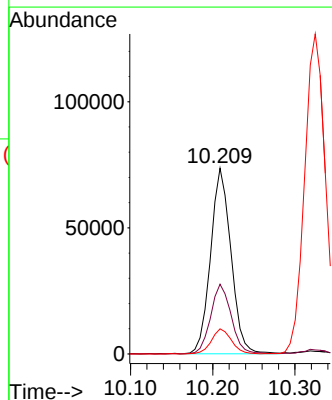
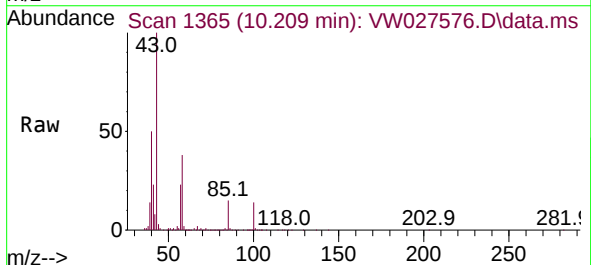
Instrument :
 MSVOA_W
 ClientSampleId :

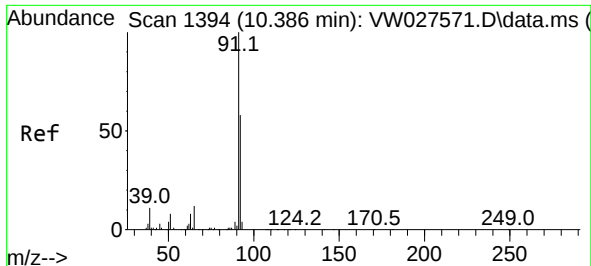
Tgt Ion: 75 Resp: 145498
 Ion Ratio Lower Upper
 75 100
 77 33.2 21.1 39.1



#40
 4-Methyl-2-pentanone
 Concen: 43.075 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW027576.D
 Acq: 07 Dec 2023 15:49

Tgt Ion: 43 Resp: 126955
 Ion Ratio Lower Upper
 43 100
 58 37.7 29.6 44.4
 100 13.3 11.1 16.7

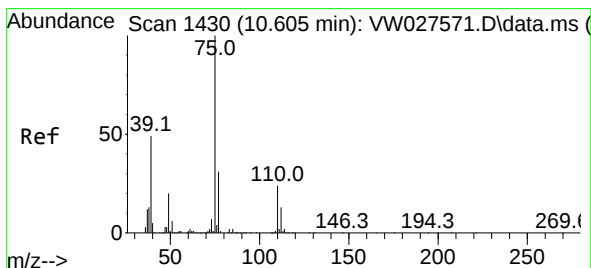
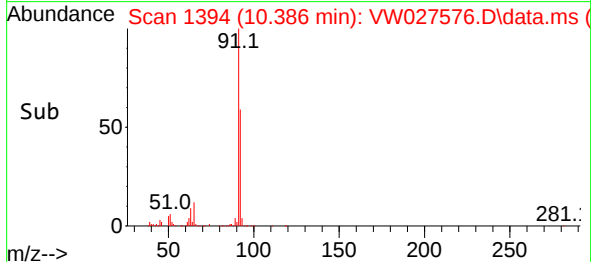
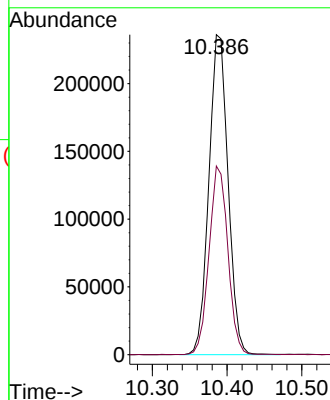
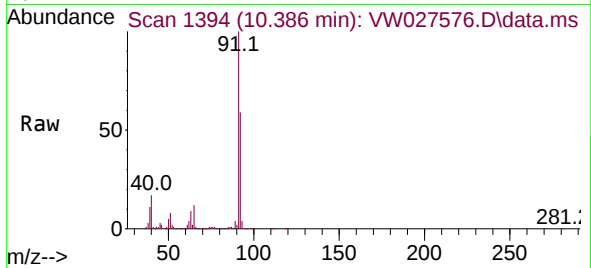




#42
Toluene
Concen: 24.060 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

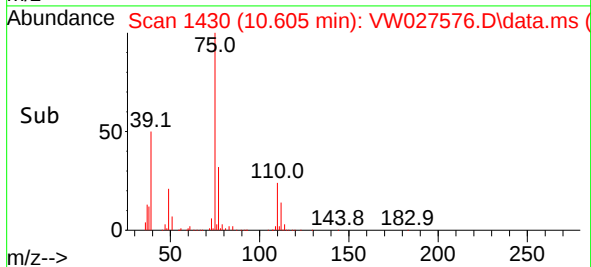
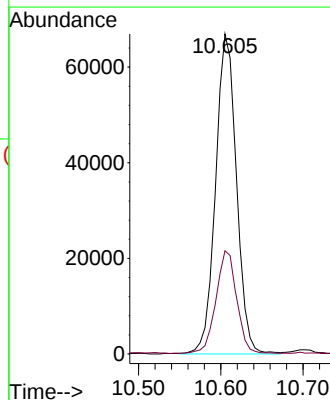
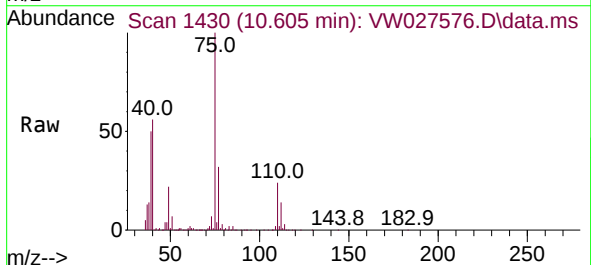
Instrument :
MSVOA_W
ClientSampleId :

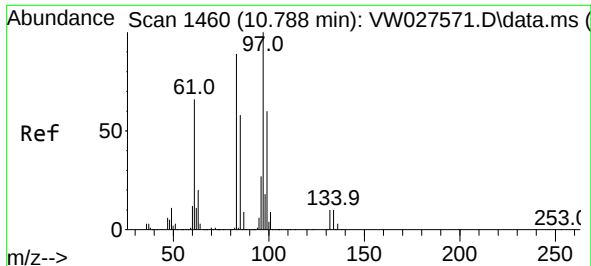
Tgt Ion: 91 Resp: 420256
Ion Ratio Lower Upper
91 100
92 59.0 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 23.292 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion: 75 Resp: 118265
Ion Ratio Lower Upper
75 100
77 32.3 23.7 44.1

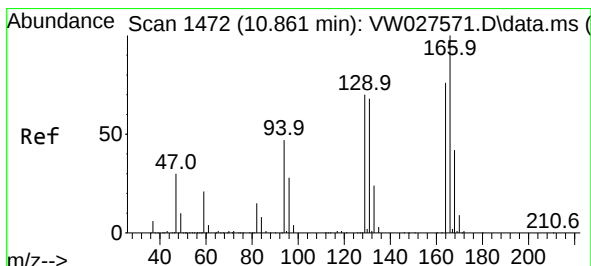
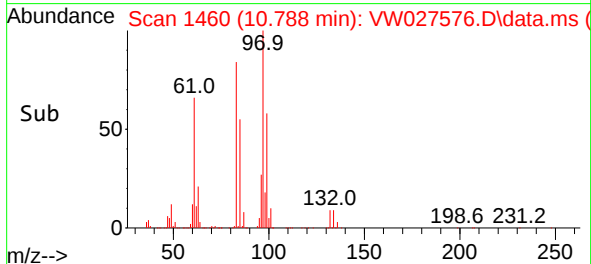
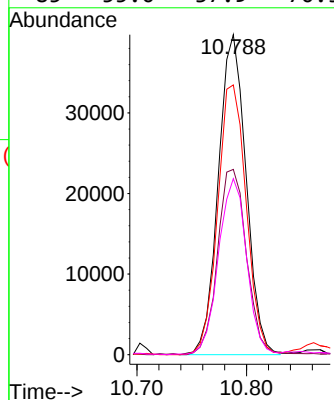
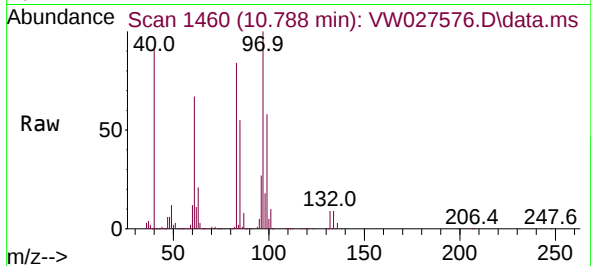




#45
1,1,2-Trichloroethane
Concen: 22.981 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

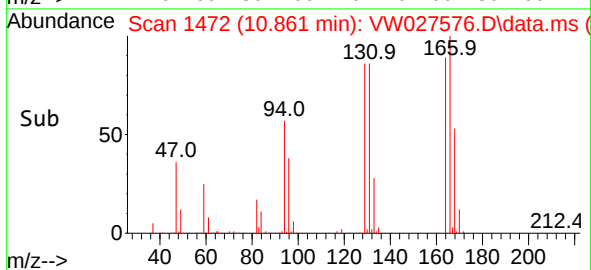
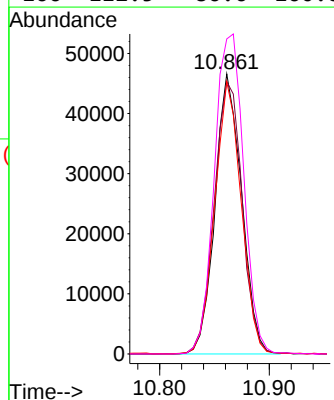
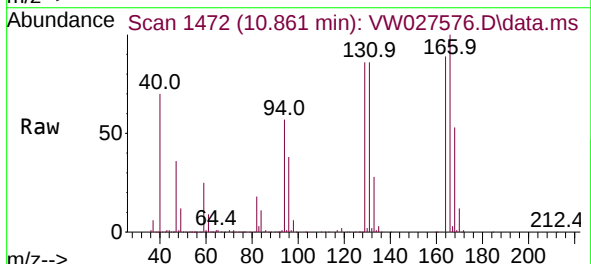
Instrument :
MSVOA_W
ClientSampleId :

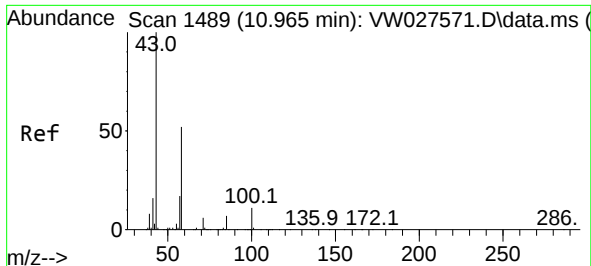
Tgt Ion: 97	Resp: 69784
Ion Ratio	Lower Upper
97 100	
99 57.9	42.8 79.4
83 84.3	59.9 111.3
85 55.0	37.9 70.5



#46
Tetrachloroethene
Concen: 24.421 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

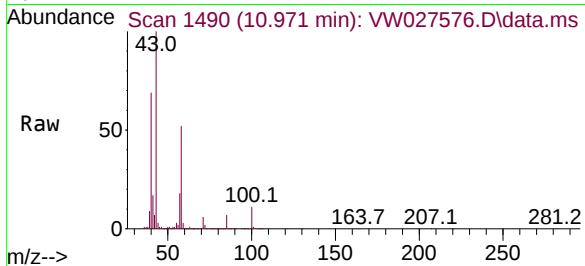
Tgt	Ion:164	Resp:	78531
Ion	Ratio	Lower	Upper
164	100		
129	97.3	71.0	131.8
131	97.3	61.2	113.6
166	112.5	86.6	160.8



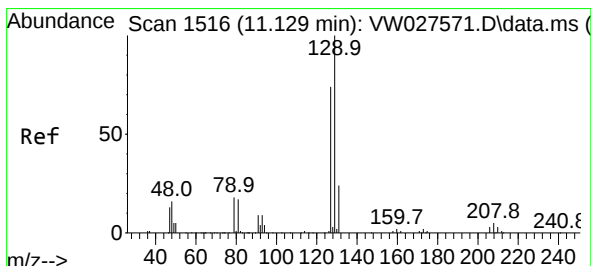
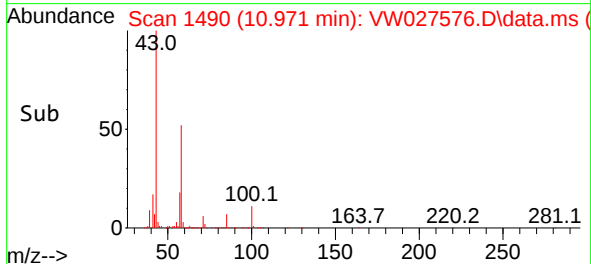
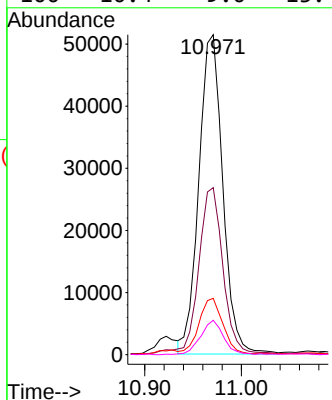


#48
2-Hexanone
Concen: 42.709 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Instrument :
MSVOA_W
ClientSampleId :

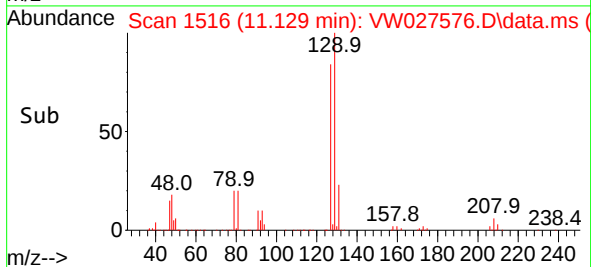
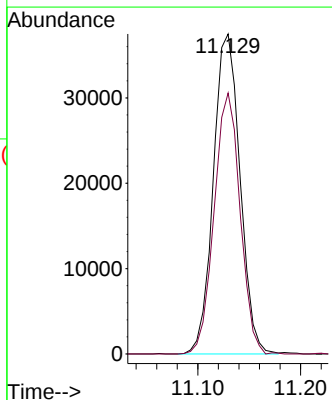
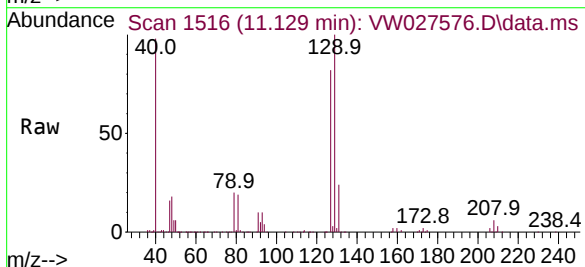


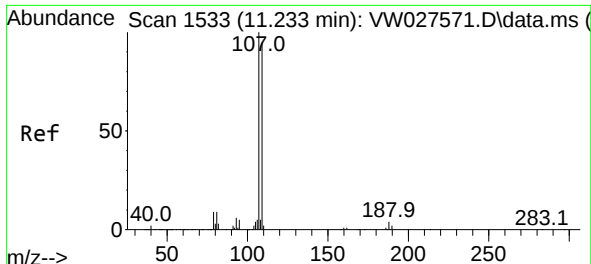
Tgt Ion:	43	Resp:	88712
Ion	Ratio	Lower	Upper
43	100		
58	53.6	40.8	61.2
57	17.6	14.8	22.2
100	10.4	9.0	13.4



#49
Dibromochloromethane
Concen: 22.479 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion:	129	Resp:	67474
Ion	Ratio	Lower	Upper
129	100		
127	81.5	52.3	97.1





#50

1,2-Dibromoethane

Concen: 22.138 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027576.D

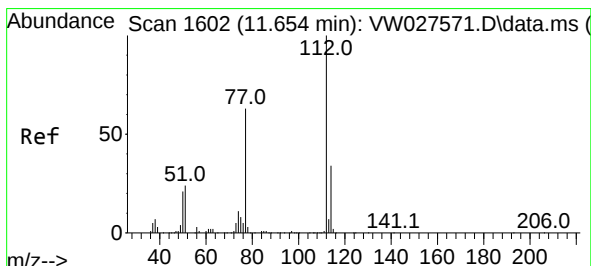
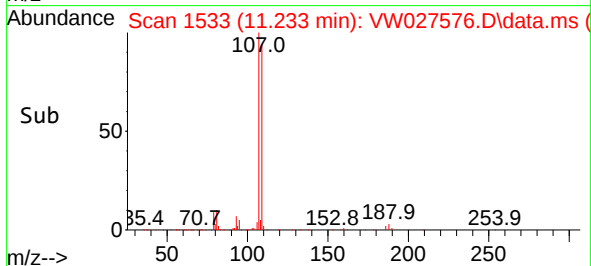
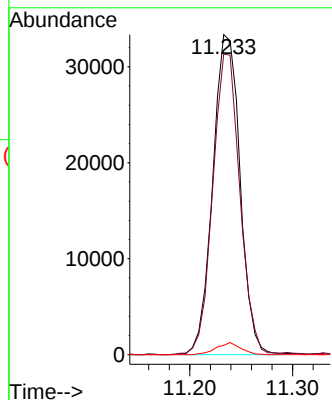
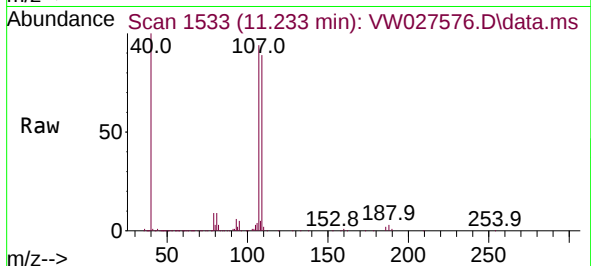
Acq: 07 Dec 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	61503
Ion Ratio	Lower	Upper
107	100	
109	93.9	64.8 120.3
188	2.9	2.7 4.1



#51

Chlorobenzene

Concen: 23.477 ug/L

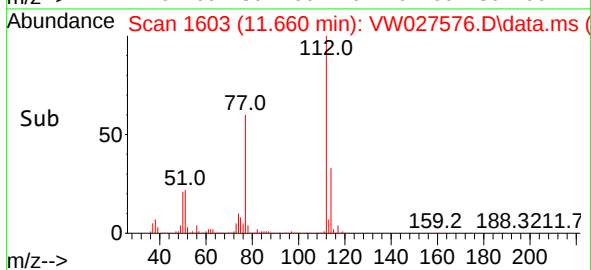
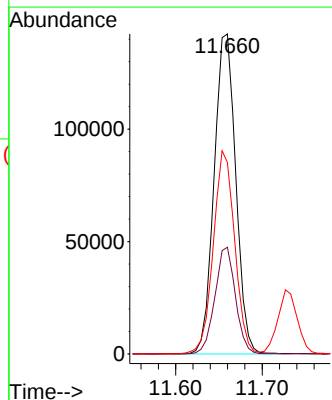
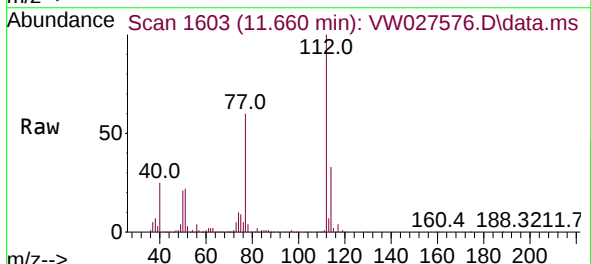
RT: 11.660 min Scan# 1603

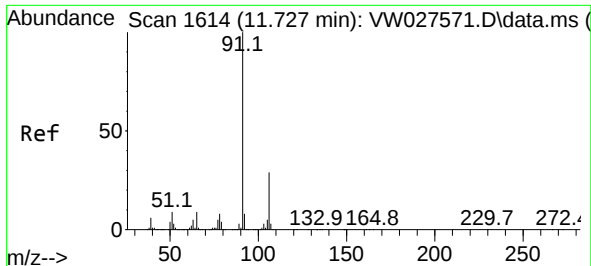
Delta R.T. 0.006 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

Tgt Ion:112	Resp:	247389
Ion Ratio	Lower	Upper
112	100	
114	33.3	21.5 39.9
77	59.9	50.6 76.0

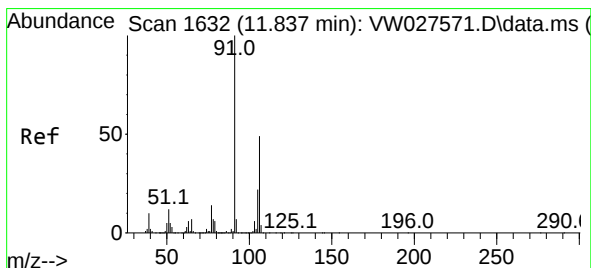
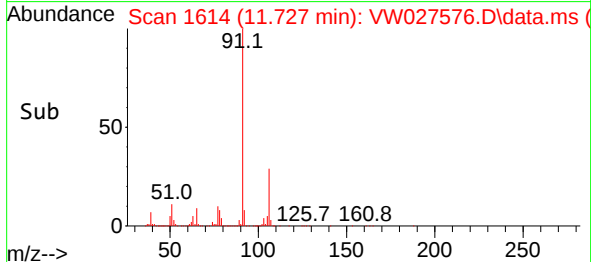
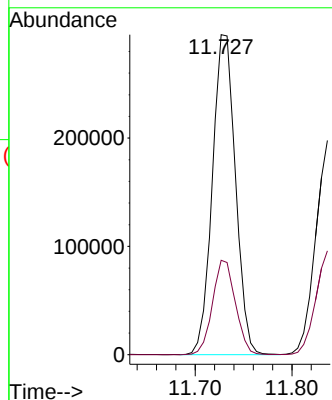
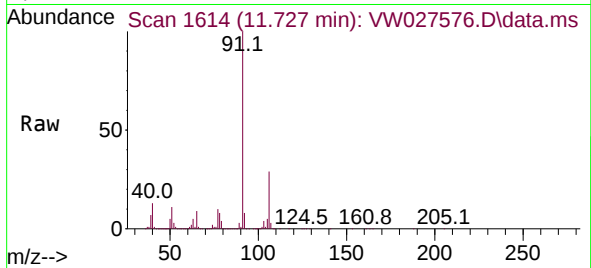




#52
Ethylbenzene
Concen: 24.723 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

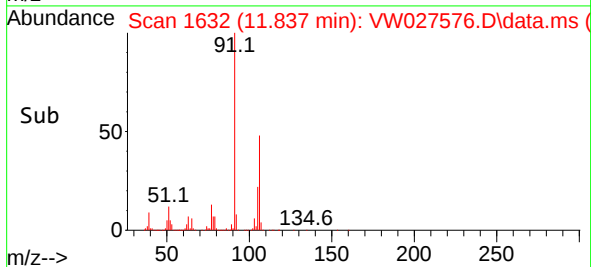
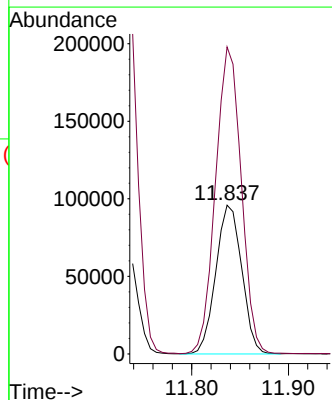
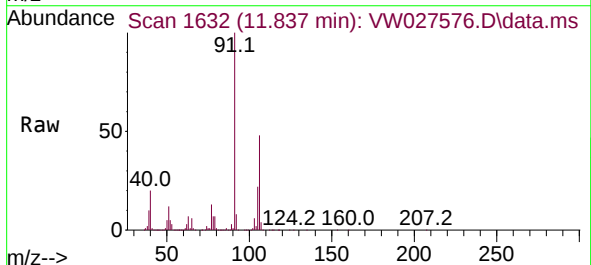
Instrument :
MSVOA_W
ClientSampleId :

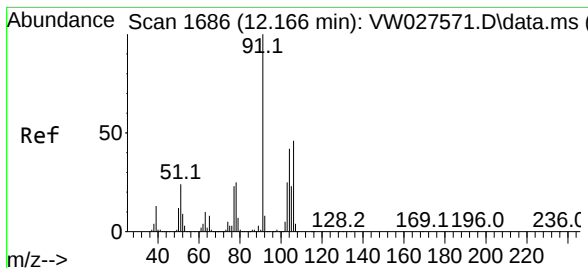
Tgt Ion: 91 Resp: 490524
Ion Ratio Lower Upper
91 100
106 29.5 19.5 36.1



#53
m,p-Xylene
Concen: 24.460 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion:106 Resp: 178822
Ion Ratio Lower Upper
106 100
91 206.3 142.1 263.9

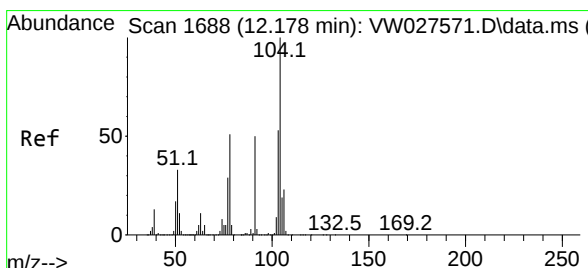
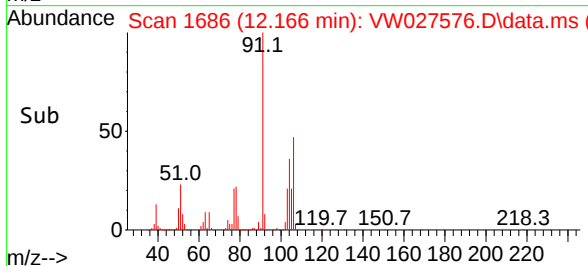
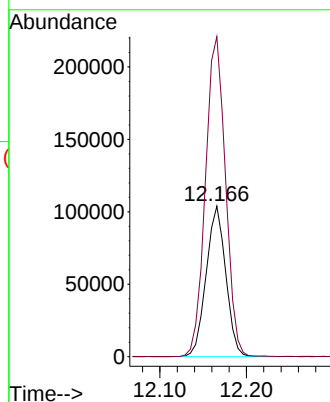
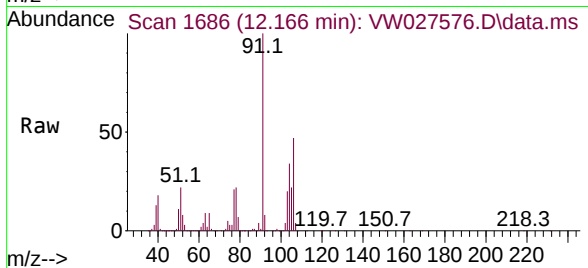




#54
o-Xylene
Concen: 24.546 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

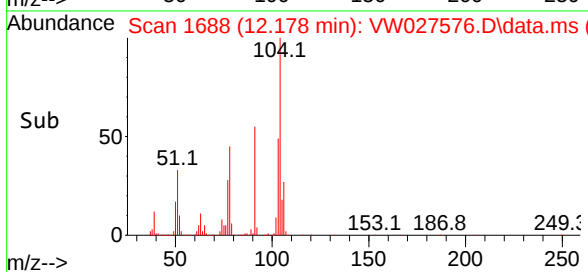
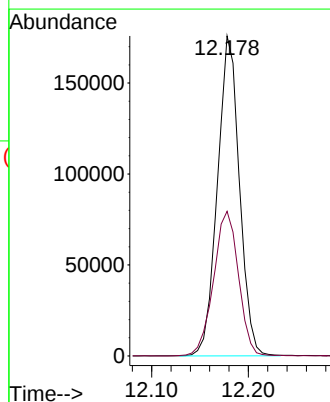
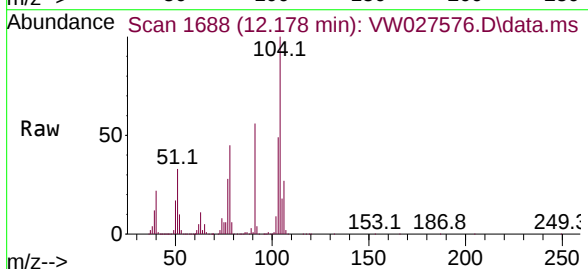
Instrument :
MSVOA_W
ClientSampleId :

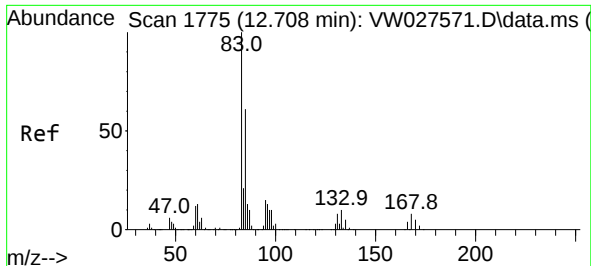
Tgt Ion:106 Resp: 163105
Ion Ratio Lower Upper
106 100
91 212.5 158.8 295.0



#55
Styrene
Concen: 24.442 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion:104 Resp: 277209
Ion Ratio Lower Upper
104 100
78 45.2 33.9 62.9





#57

1,1,2-Tetrachloroethane

Concen: 22.043 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :

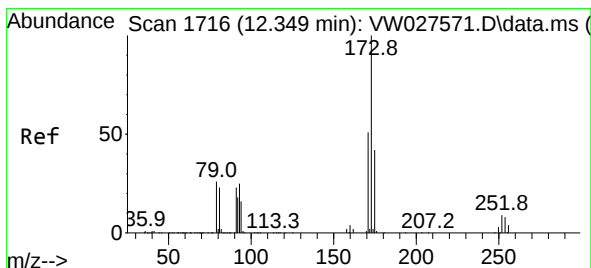
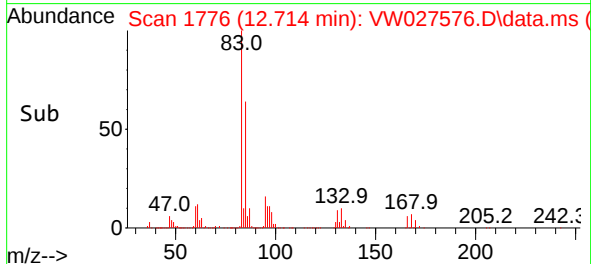
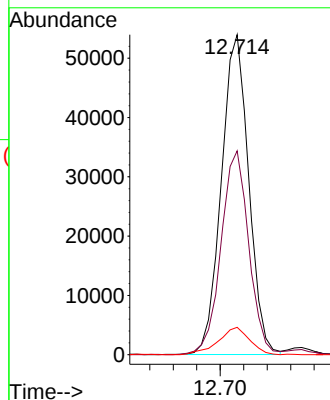
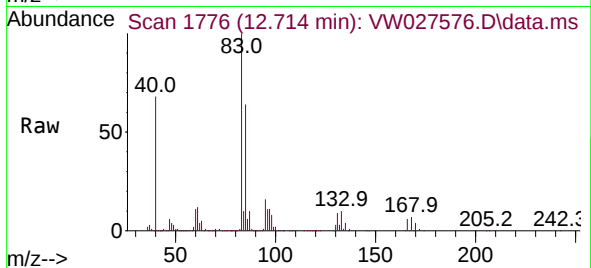
Tgt Ion: 83 Resp: 87140

Ion Ratio Lower Upper

83 100

85 63.7 41.9 77.7

131 8.6 7.0 10.6



#59

Bromoform

Concen: 22.743 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

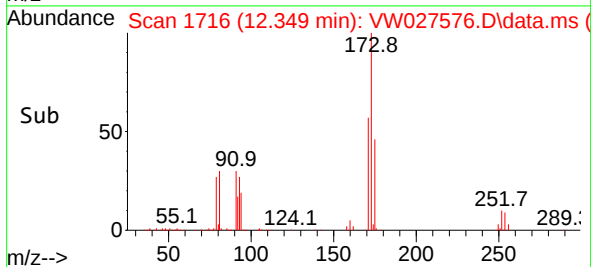
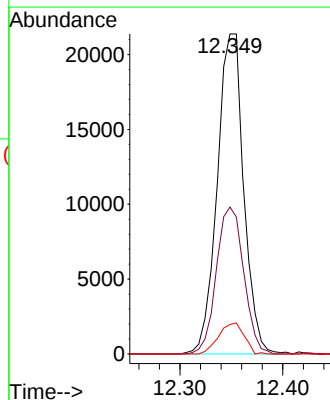
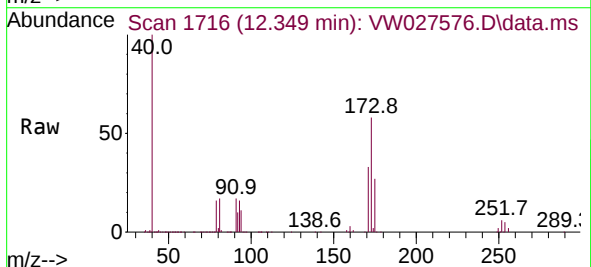
Tgt Ion: 173 Resp: 38319

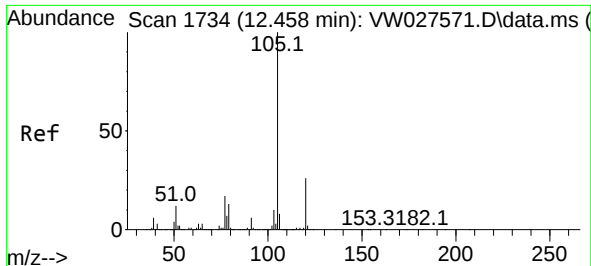
Ion Ratio Lower Upper

173 100

175 47.3 39.4 59.0

254 9.2 7.8 11.8

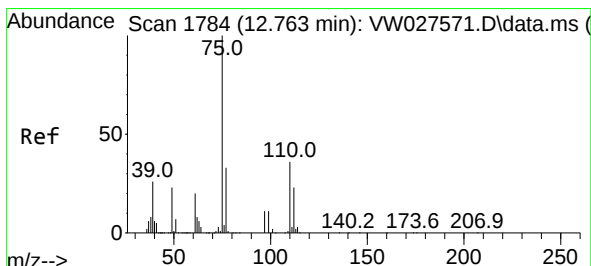
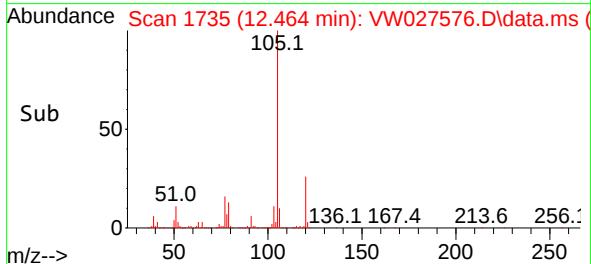
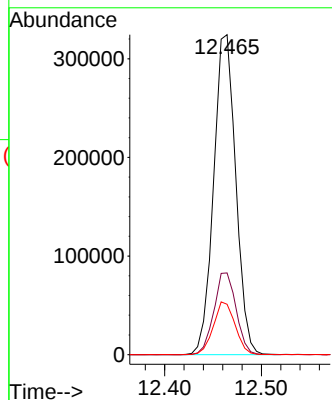
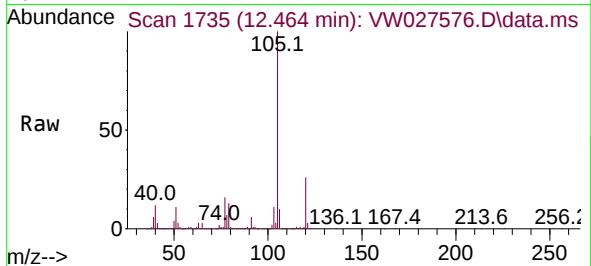




#60
Isopropylbenzene
Concen: 25.990 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

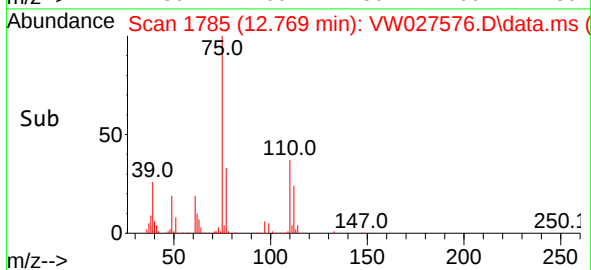
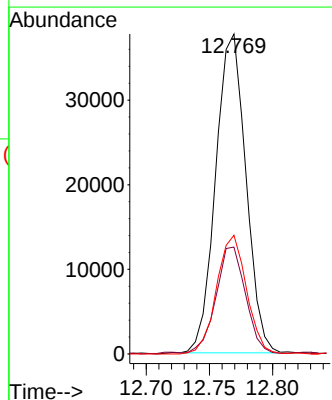
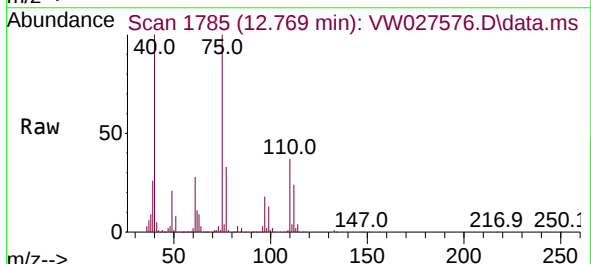
Instrument :
MSVOA_W
ClientSampleId :

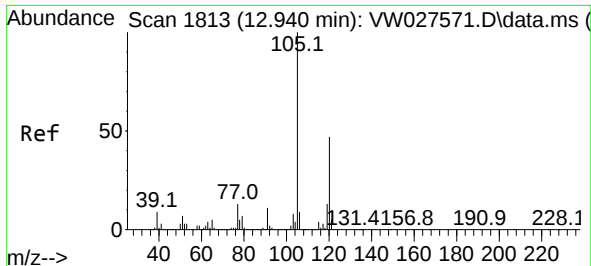
Tgt Ion:105 Resp: 516233
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 21.586 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion: 75 Resp: 62633
Ion Ratio Lower Upper
75 100
77 32.6 26.6 39.8
110 36.9 30.2 45.4

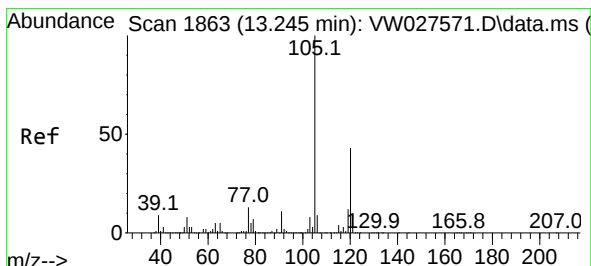
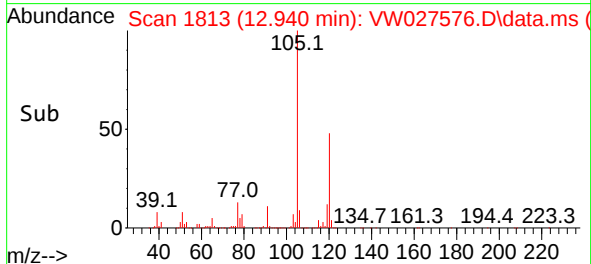
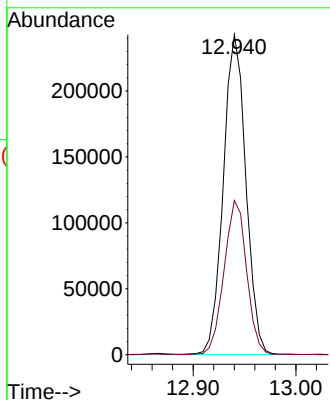
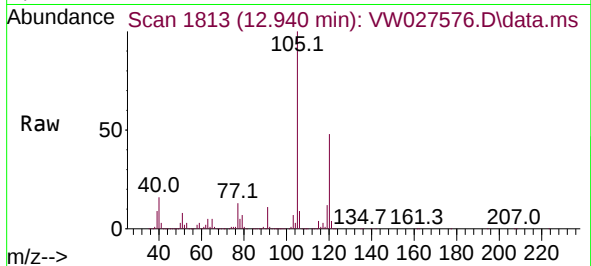




#62
1,3,5-Trimethylbenzene
Concen: 25.203 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

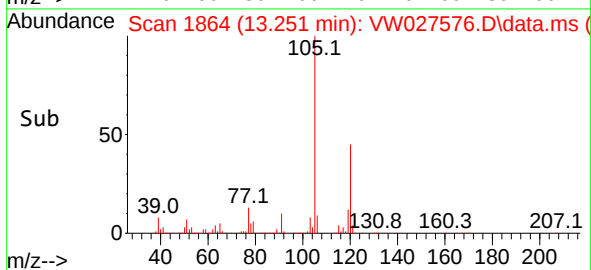
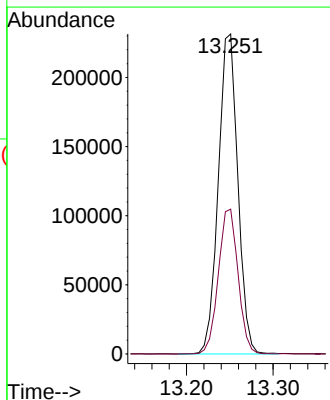
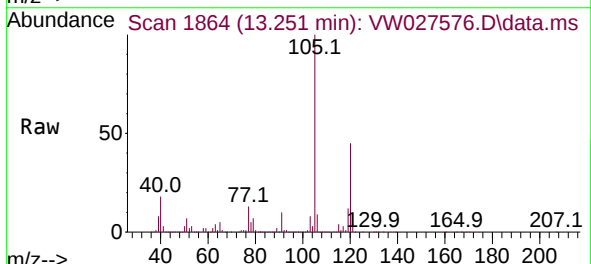
Instrument :
MSVOA_W
ClientSampleId :

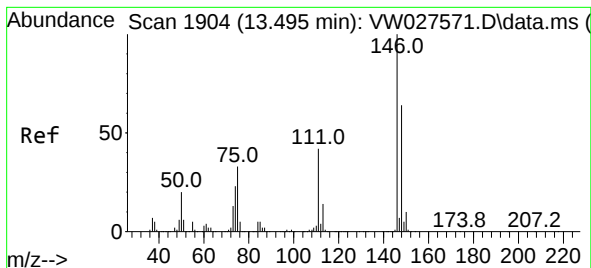
Tgt Ion:105 Resp: 370251
Ion Ratio Lower Upper
105 100
120 48.2 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 24.756 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion:105 Resp: 362212
Ion Ratio Lower Upper
105 100
120 45.5 36.9 55.3

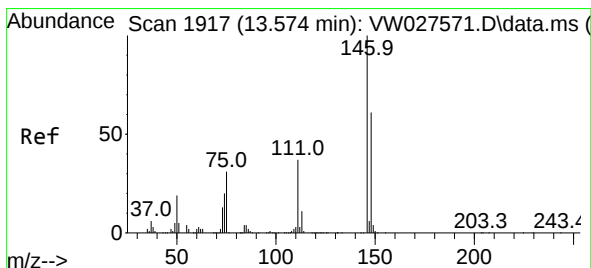
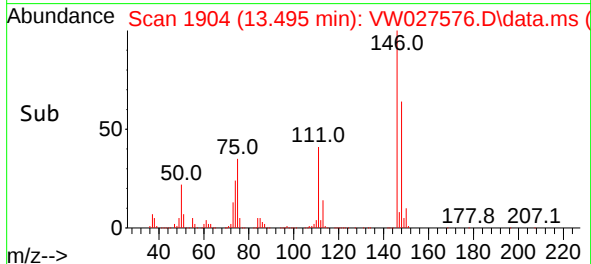
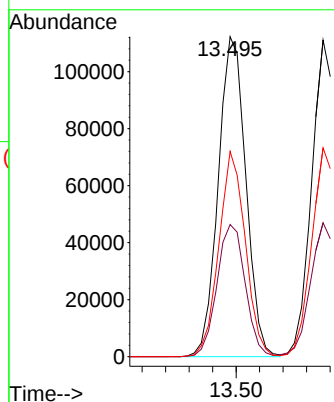
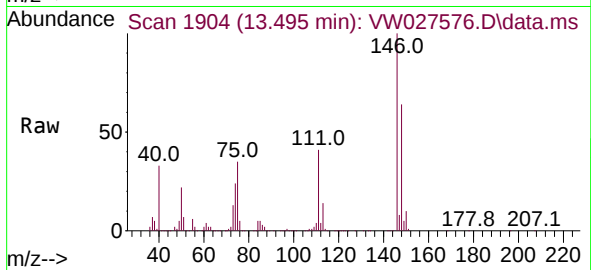




#64
1,3-Dichlorobenzene
Concen: 24.103 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

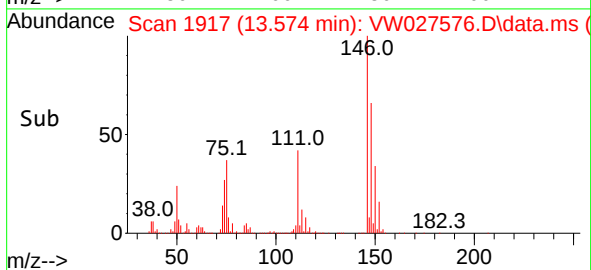
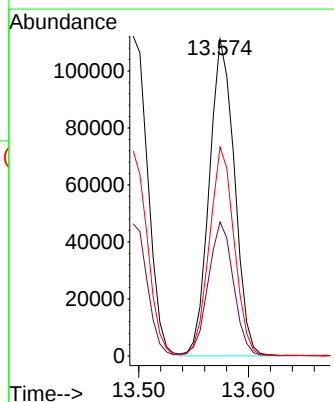
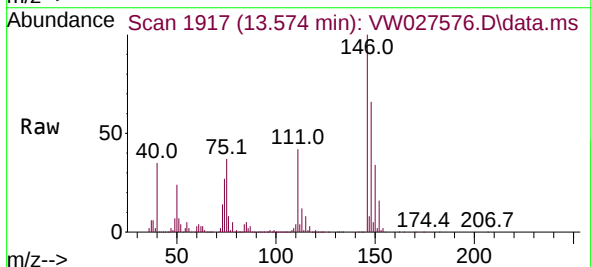
Instrument :
MSVOA_W
ClientSampleId :

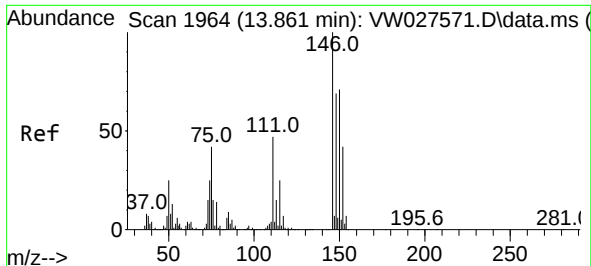
Tgt Ion:146 Resp: 183381
Ion Ratio Lower Upper
146 100
111 41.3 29.5 54.7
148 64.2 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 23.365 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027576.D
Acq: 07 Dec 2023 15:49

Tgt Ion:146 Resp: 177311
Ion Ratio Lower Upper
146 100
111 42.3 28.9 53.7
148 66.0 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 22.555 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :

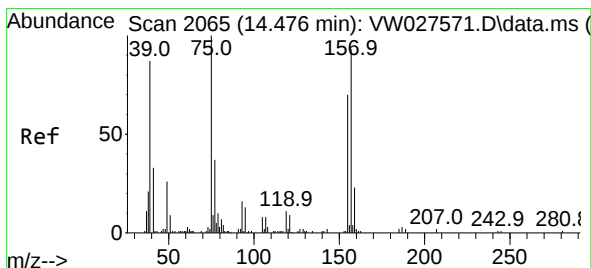
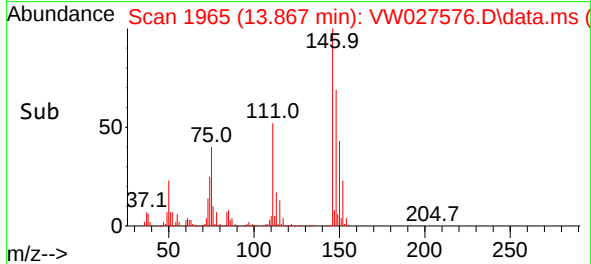
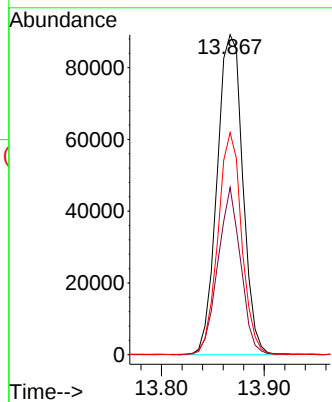
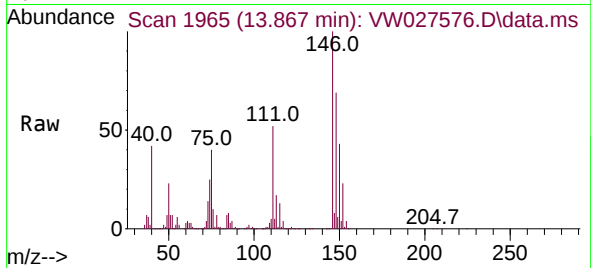
Tgt Ion:146 Resp: 154603

Ion Ratio Lower Upper

146 100

111 52.3 33.9 50.9#

148 69.4 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 20.346 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

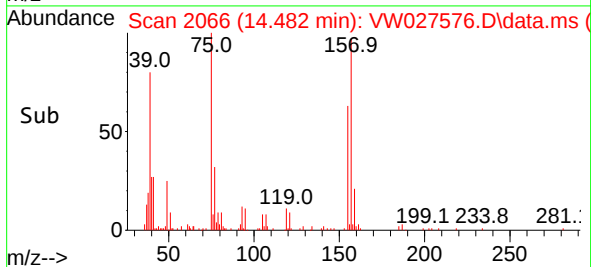
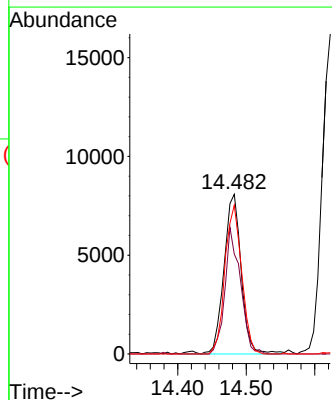
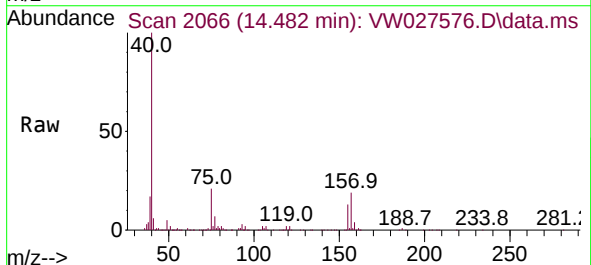
Tgt Ion: 75 Resp: 14200

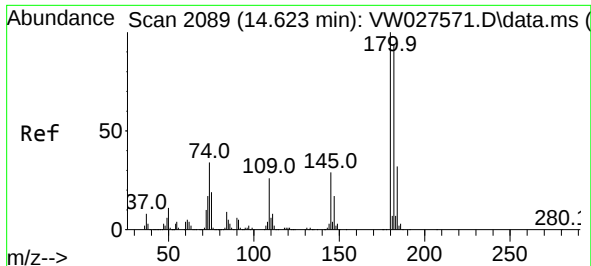
Ion Ratio Lower Upper

75 100

155 62.4 65.8 98.8#

157 93.1 63.0 94.6





#69

1,3,5-Trichlorobenzene

Concen: 22.875 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

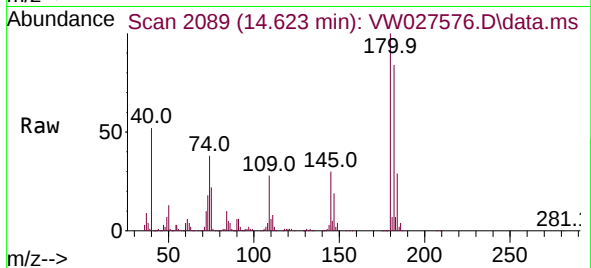
Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 117031

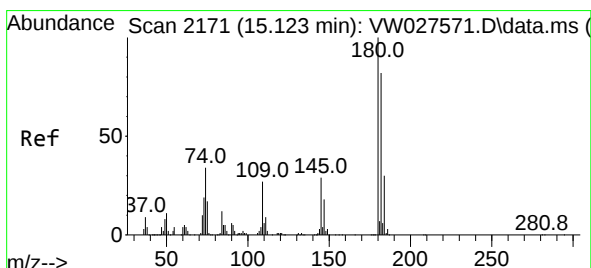
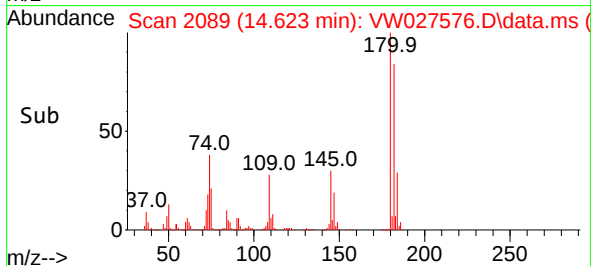
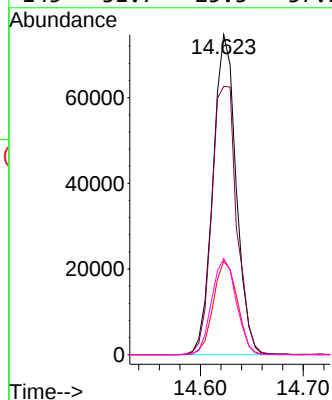
Ion Ratio Lower Upper

180 100

182 90.8 73.2 109.8

184 30.3 25.4 38.2

145 31.7 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 24.267 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

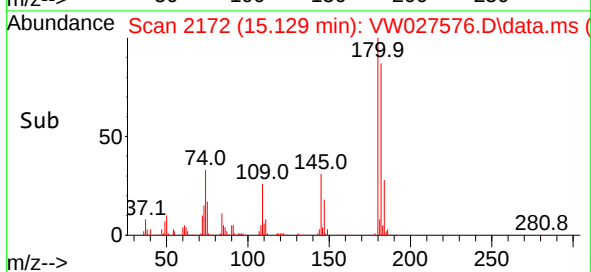
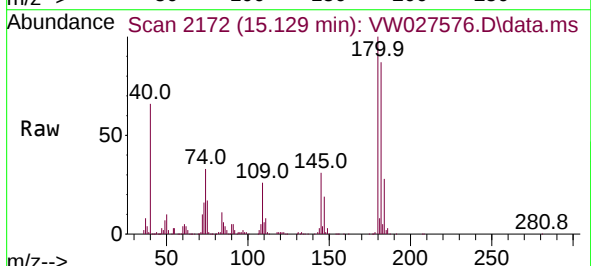
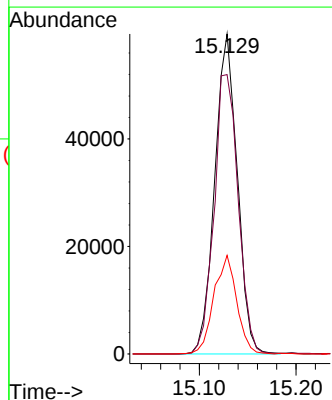
Tgt Ion:180 Resp: 96411

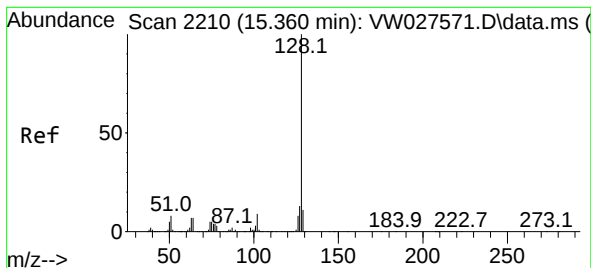
Ion Ratio Lower Upper

180 100

182 93.0 78.7 118.1

145 31.2 26.8 40.2





#71

Naphthalene

Concen: 22.957 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

Instrument :

MSVOA_W

ClientSampleId :

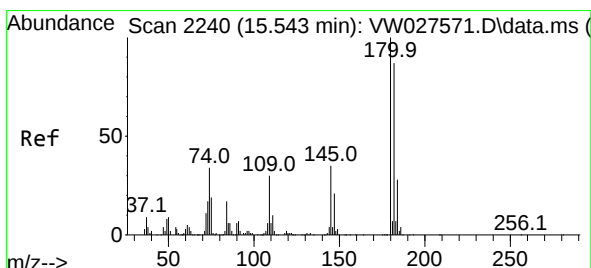
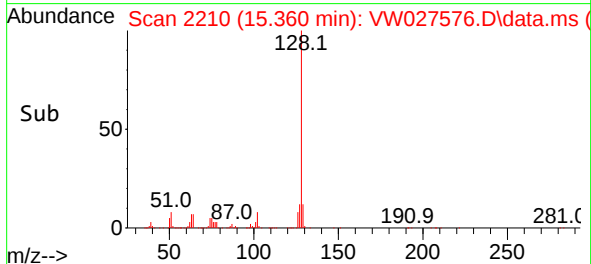
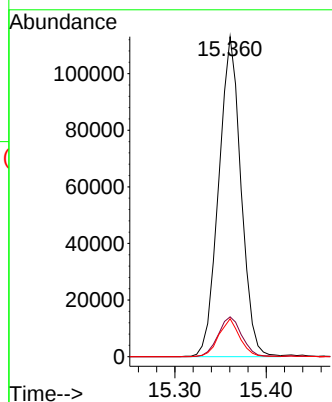
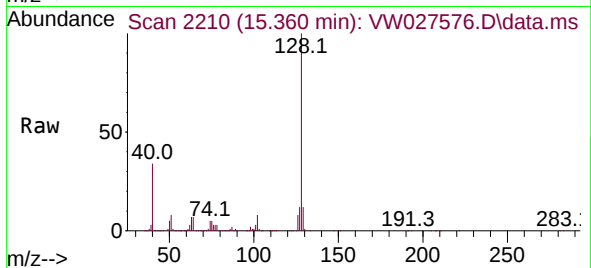
Tgt Ion:128 Resp: 191838

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.2 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 24.166 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW027576.D

Acq: 07 Dec 2023 15:49

Tgt Ion:180 Resp: 82243

Ion Ratio Lower Upper

180 100

182 92.9 72.4 108.6

145 32.2 27.4 41.0

