

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120823\
 Data File : VW027582.D
 Acq On : 08 Dec 2023 10:09
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 09 02:09:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 09 02:01:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	232552	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	198541	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	91167	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	89315	19.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.360%
7) Chloroethane-d5	2.905	69	67049	19.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.040%
11) 1,1-Dichloroethene-d2	4.027	65	37966	19.173	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.680%
21) 2-Butanone-d5	6.990	46	279	0.228	ug/L	-0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.460%#
24) Chloroform-d	7.654	84	136628	19.683	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.720%
26) 1,2-Dichloroethane-d4	8.483	65	108	0.030	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.276	84	294399	21.053	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	9.276	67	84036	20.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.560%
41) Toluene-d8	10.325	98	251945	20.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.360%
43) trans-1,3-Dichloroprop...	10.581	79	27172	17.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.160%
47) 2-Hexanone-d5	10.922	63	25091	32.666	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58357	17.210	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	65521	20.503	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	1982	0.637	ug/L #	79
3) Chloromethane	2.228	50	3392	0.889	ug/L	99
5) Vinyl chloride	2.375	62	3888	0.874	ug/L #	47
6) Bromomethane	2.795	94	2008	0.860	ug/L	92
8) Chloroethane	2.936	64	1975	0.777	ug/L	93
9) Trichlorofluoromethane	3.271	101	1826	0.429	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	1293	0.356	ug/L #	67
12) 1,1-Dichloroethene	4.179	96	50	0.015	ug/L	92
13) Acetone	4.137	43	2522	2.133	ug/L	70
14) Carbon disulfide	4.393	76	8183	0.816	ug/L	96
15) Methyl Acetate	4.515	43	116	0.056	ug/L	92
16) Methylene chloride	4.923	84	9697	2.557	ug/L	92
17) trans-1,2-Dichloroethene	5.435	96	2371	0.693	ug/L	79
18) Methyl tert-butyl Ether	5.423	73	804	0.146	ug/L #	61
19) 1,1-Dichloroethane	6.222	63	5165	0.743	ug/L	96
20) cis-1,2-Dichloroethene	7.179	96	2538	0.691	ug/L	90
22) 2-Butanone	7.173	43	113	0.074	ug/L #	1
23) Bromochloromethane	7.520	128	1088	0.753	ug/L #	80
25) Chloroform	7.679	83	5249	0.831	ug/L	91

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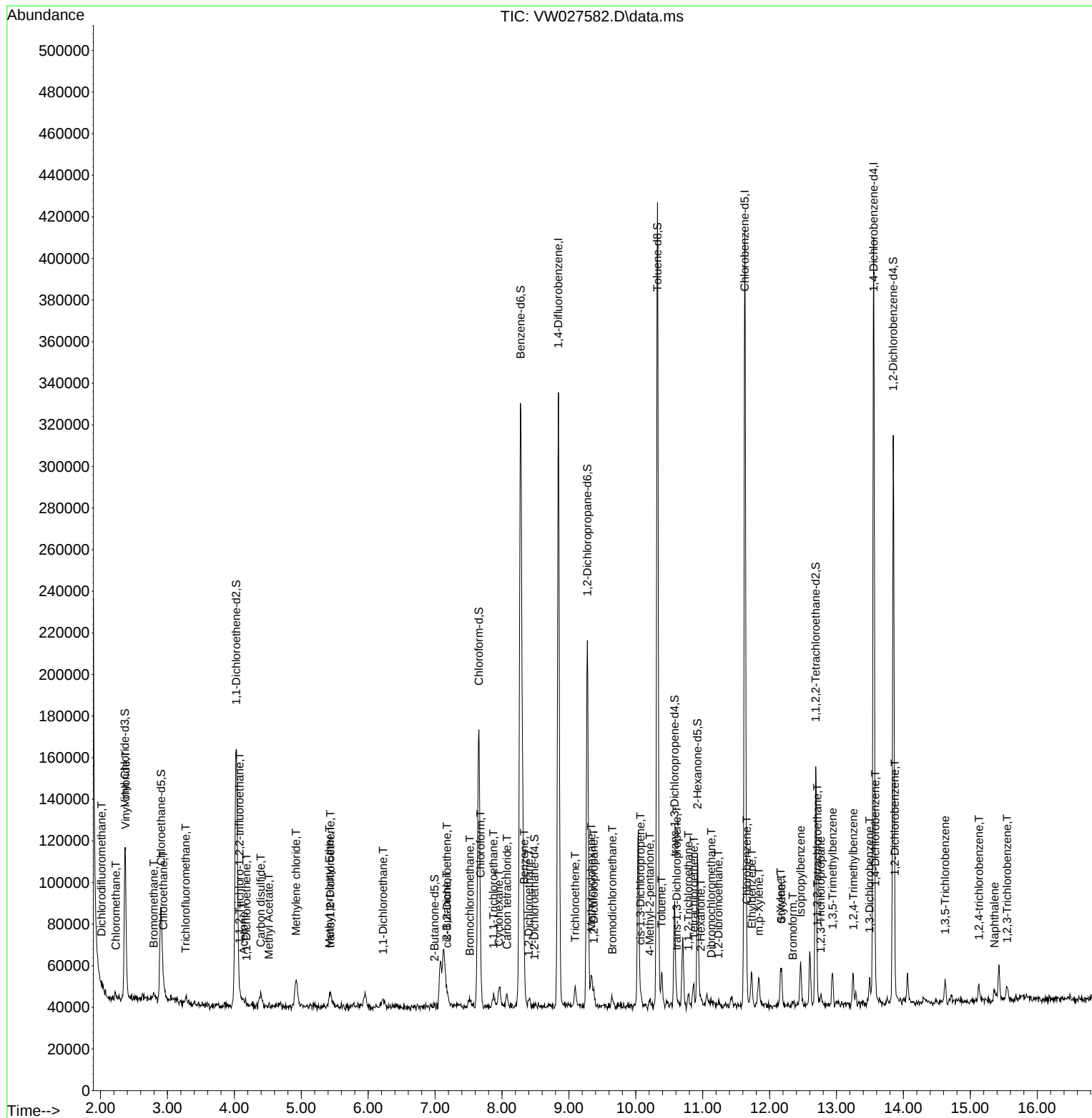
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	1494	0.366	ug/L #	70
29) Cyclohexane	7.953	56	5228	0.801	ug/L #	79
30) 1,1,1-Trichloroethane	7.874	97	3310	0.598	ug/L #	86
31) Carbon tetrachloride	8.075	117	3606	0.746	ug/L	98
33) Benzene	8.331	78	10731	0.783	ug/L	100
34) Trichloroethene	9.093	95	3092	0.826	ug/L	90
35) Methylcyclohexane	9.337	83	5446	0.817	ug/L	98
37) 1,2-Dichloropropane	9.374	63	2281	0.630	ug/L	100
38) Bromodichloromethane	9.648	83	2927	0.700	ug/L #	97
39) cis-1,3-Dichloropropene	10.069	75	3365	0.644	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	2977	1.217	ug/L #	89
42) Toluene	10.386	91	10977	0.757	ug/L	95
44) trans-1,3-Dichloropropene	10.611	75	2441	0.579	ug/L	89
45) 1,1,2-Trichloroethane	10.788	97	1838	0.729	ug/L	88
46) Tetrachloroethene	10.867	164	2171	0.814	ug/L #	77
48) 2-Hexanone	10.971	43	1972	1.144	ug/L #	91
49) Dibromochloromethane	11.129	129	1528	0.614	ug/L	91
50) 1,2-Dibromoethane	11.233	107	1475	0.640	ug/L #	84
51) Chlorobenzene	11.660	112	5979	0.684	ug/L	89
52) Ethylbenzene	11.733	91	11957	0.726	ug/L	95
53) m,p-Xylene	11.843	106	4427	0.730	ug/L	92
54) o-Xylene	12.166	106	3588	0.651	ug/L	84
55) Styrene	12.178	104	5387	0.572	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.714	83	2375	0.724	ug/L #	94
59) Bromoform	12.349	173	745	0.583	ug/L #	79
60) Isopropylbenzene	12.464	105	10464	0.695	ug/L #	90
61) 1,2,3-Trichloropropane	12.763	75	1616	0.735	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	7892	0.709	ug/L	95
63) 1,2,4-Trimethylbenzene	13.251	105	7924	0.715	ug/L	91
64) 1,3-Dichlorobenzene	13.495	146	4308	0.747	ug/L	98
65) 1,4-Dichlorobenzene	13.580	146	4082	0.710	ug/L	95
67) 1,2-Dichlorobenzene	13.873	146	3565	0.686	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	2756	0.711	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	2068	0.687	ug/L	99
71) Naphthalene	15.360	128	3919	0.619	ug/L #	82
72) 1,2,3-Trichlorobenzene	15.549	180	1803	0.699	ug/L #	89

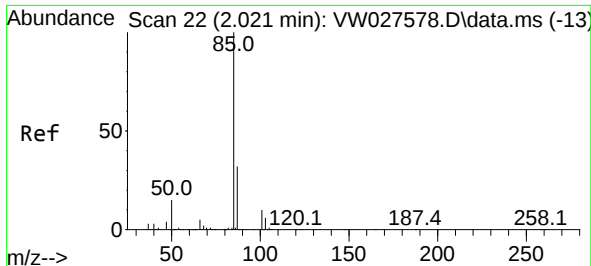
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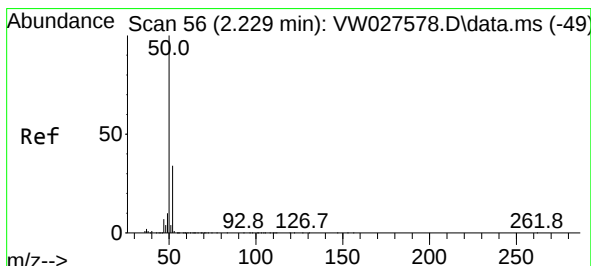
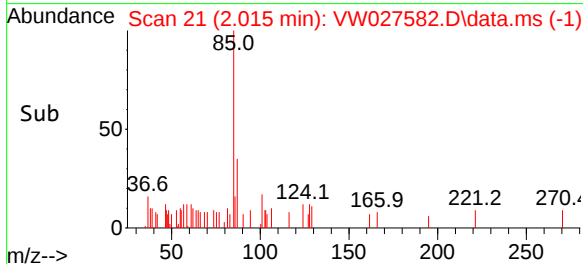
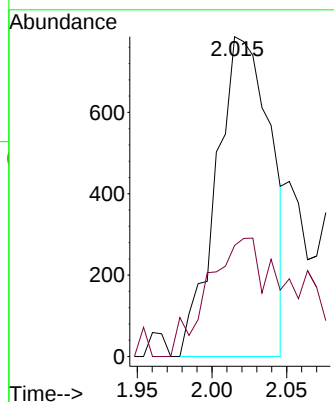
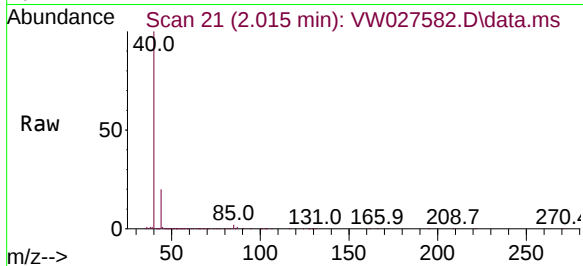




#2
 Dichlorodifluoromethane
 Concen: 0.637 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW027582.D
 Acq: 08 Dec 2023 10:09

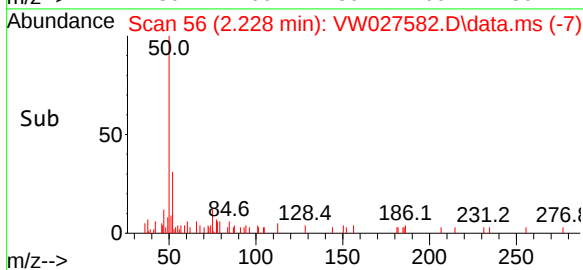
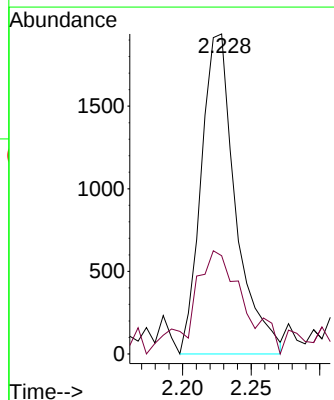
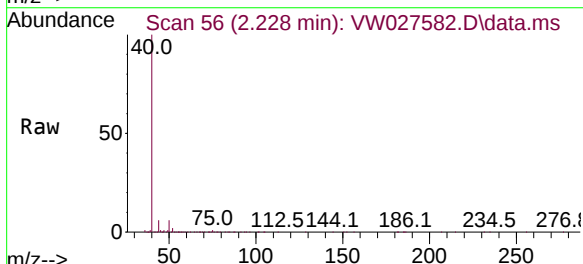
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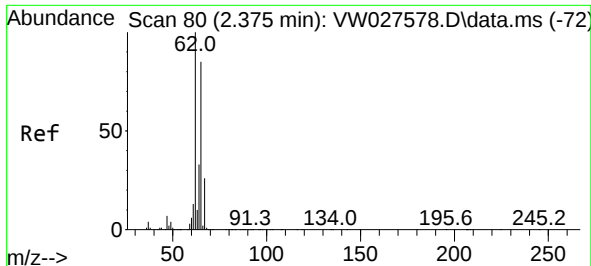
Tgt Ion: 85 Resp: 1982
 Ion Ratio Lower Upper
 85 100
 87 18.8 24.0 36.0#



#3
 Chloromethane
 Concen: 0.889 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW027582.D
 Acq: 08 Dec 2023 10:09

Tgt Ion: 50 Resp: 3392
 Ion Ratio Lower Upper
 50 100
 52 30.7 21.8 40.6

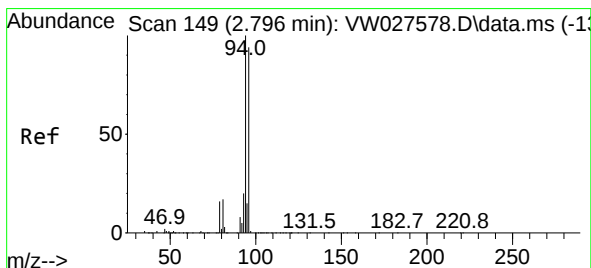
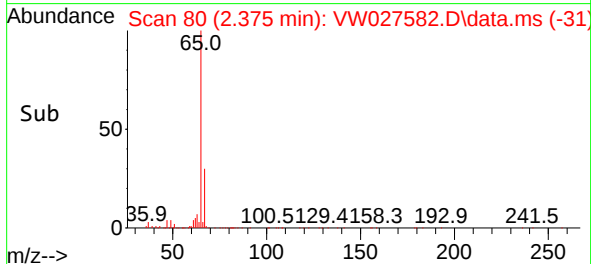
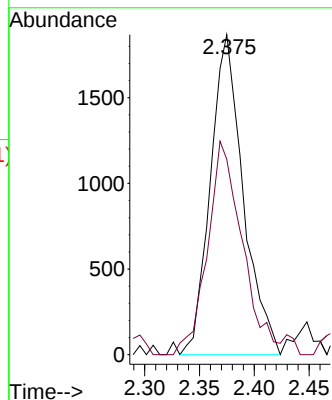
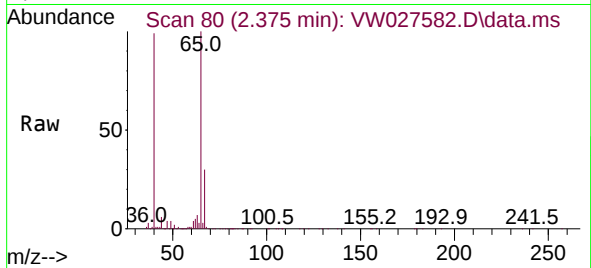




#5
 Vinyl chloride
 Concen: 0.874 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027582.D
 Acq: 08 Dec 2023 10:09

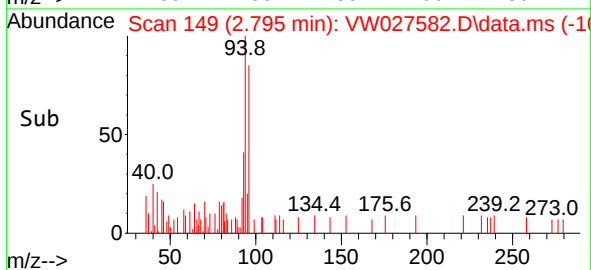
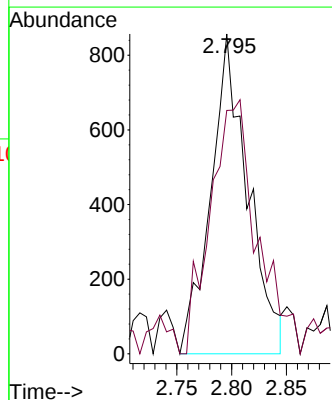
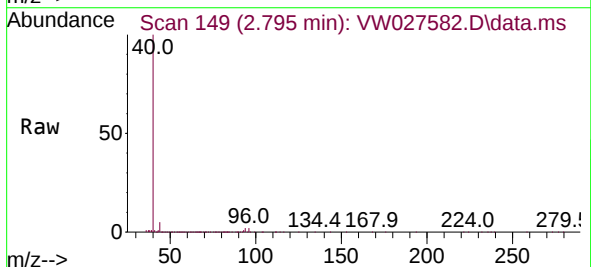
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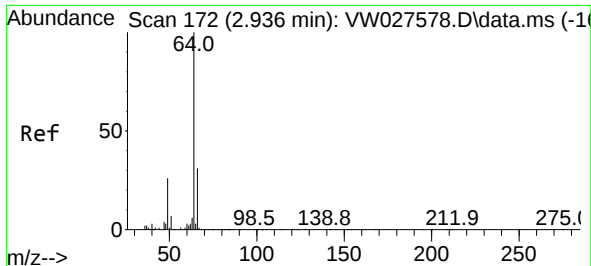
Tgt Ion: 62 Resp: 3888
 Ion Ratio Lower Upper
 62 100
 64 61.0 22.2 41.2#



#6
 Bromomethane
 Concen: 0.860 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW027582.D
 Acq: 08 Dec 2023 10:09

Tgt Ion: 94 Resp: 2008
 Ion Ratio Lower Upper
 94 100
 96 83.0 63.3 117.7

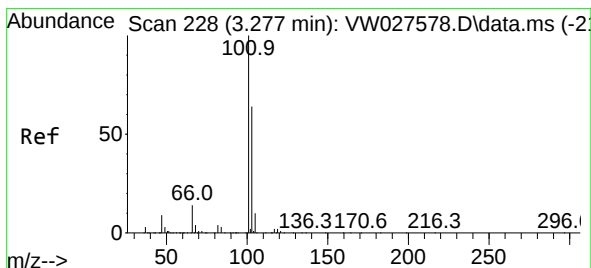
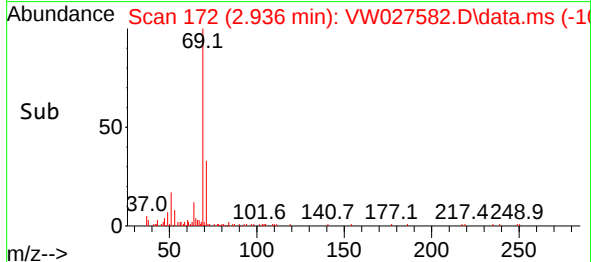
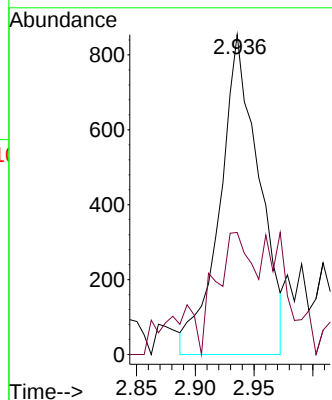
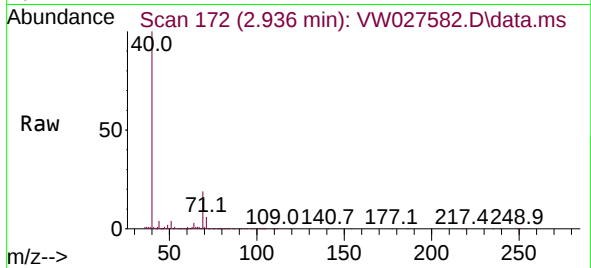




#8
Chloroethane
Concen: 0.777 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

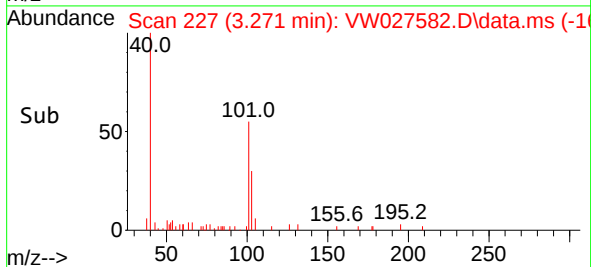
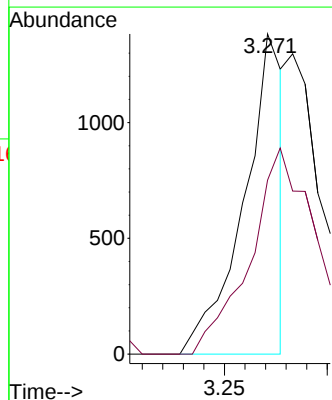
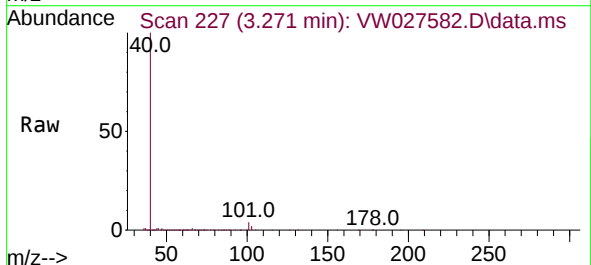
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MSVOA_W
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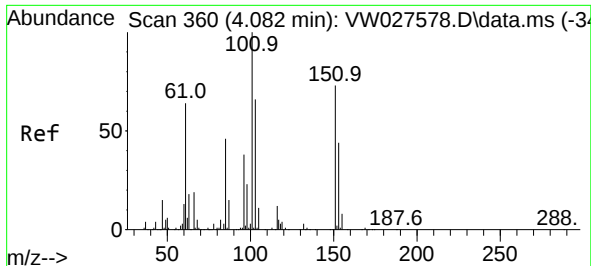
Tgt Ion: 64 Resp: 1975
Ion Ratio Lower Upper
64 100
66 38.2 24.1 44.7



#9
Trichlorofluoromethane
Concen: 0.429 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Tgt Ion: 101 Resp: 1826
Ion Ratio Lower Upper
101 100
103 114.7 52.0 78.0#

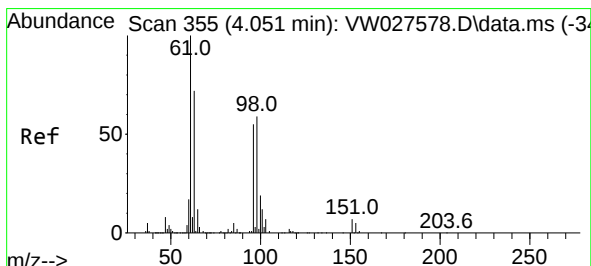
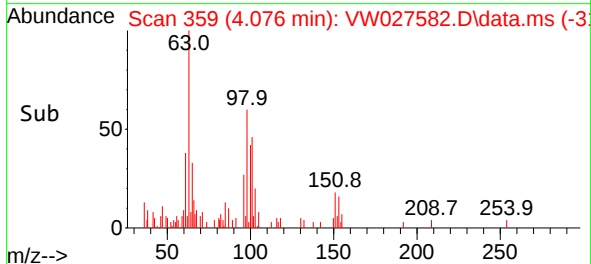
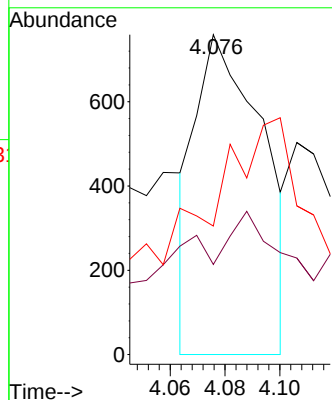
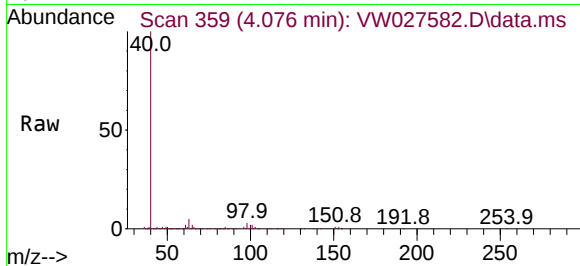




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.356 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW027582.D
 Acq: 08 Dec 2023 10:09

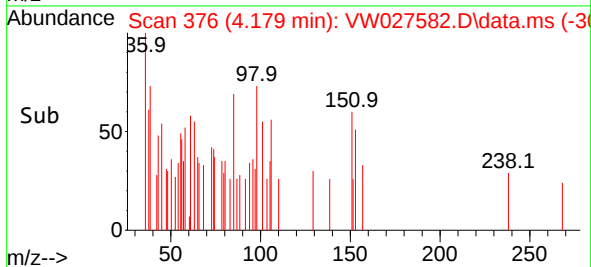
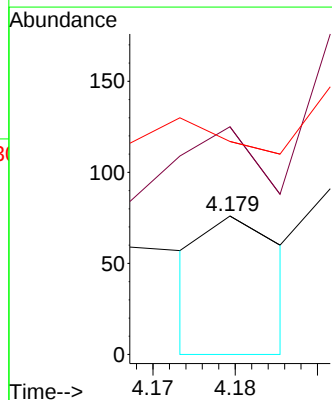
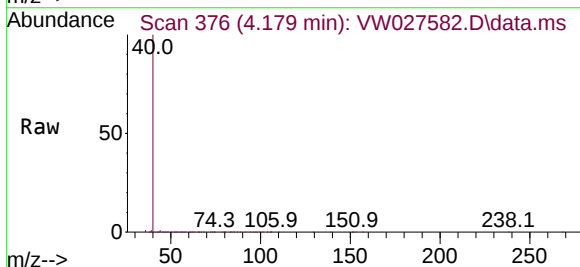
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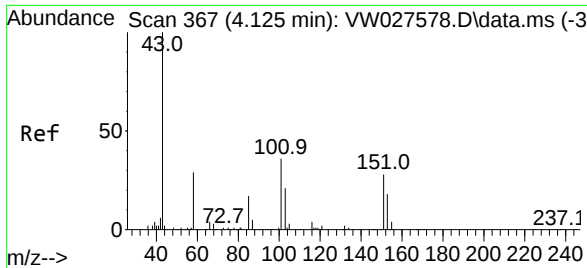
Tgt Ion:101 Resp: 1293
 Ion Ratio Lower Upper
 101 100
 85 45.9 33.9 50.9
 151 27.8 54.6 81.8#



#12
 1,1-Dichloroethene
 Concen: 0.015 ug/L
 RT: 4.179 min Scan# 376
 Delta R.T. 0.128 min
 Lab File: VW027582.D
 Acq: 08 Dec 2023 10:09

Tgt Ion: 96 Resp: 50
 Ion Ratio Lower Upper
 96 100
 61 164.5 127.8 237.4
 63 153.9 104.9 194.7

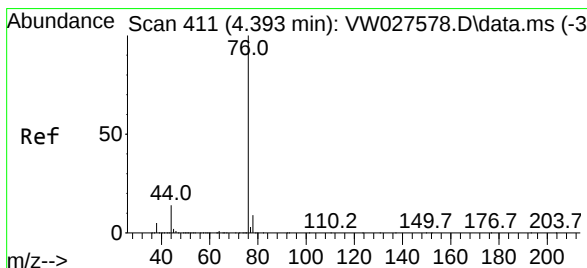
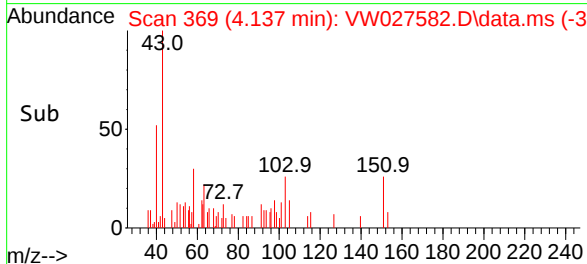
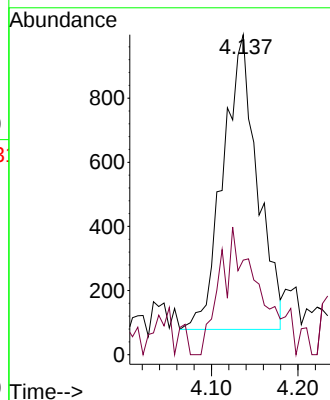
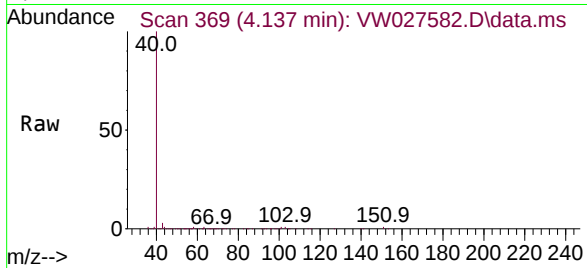




#13
Acetone
Concen: 2.133 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.012 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

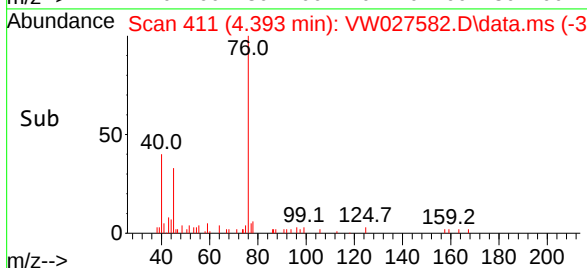
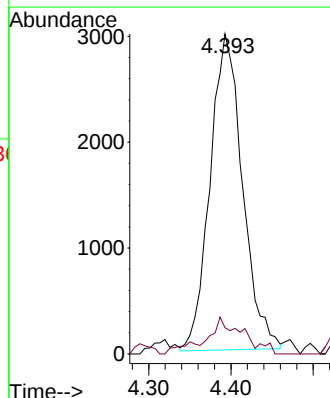
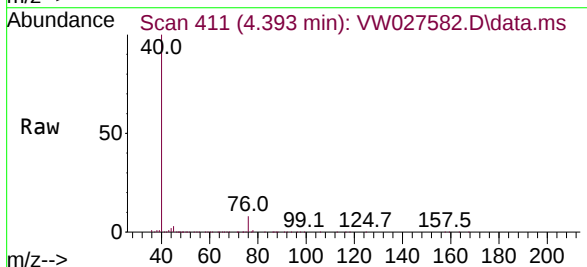
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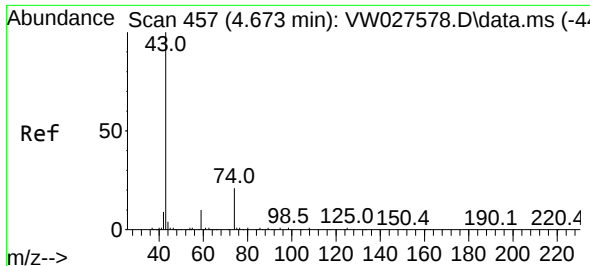
Tgt Ion: 43 Resp: 2522
Ion Ratio Lower Upper
43 100
58 13.9 0.0 60.0



#14
Carbon disulfide
Concen: 0.816 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 8183
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.6

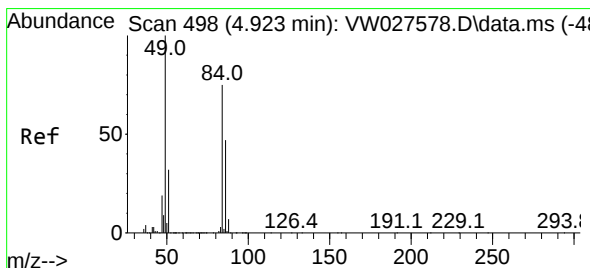
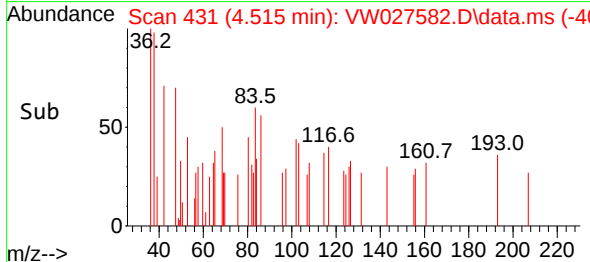
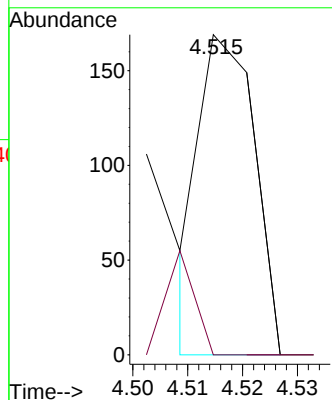
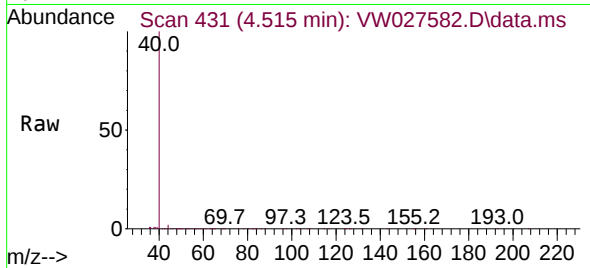




#15
Methyl Acetate
Concen: 0.056 ug/L
RT: 4.515 min Scan# 41
Delta R.T. -0.159 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

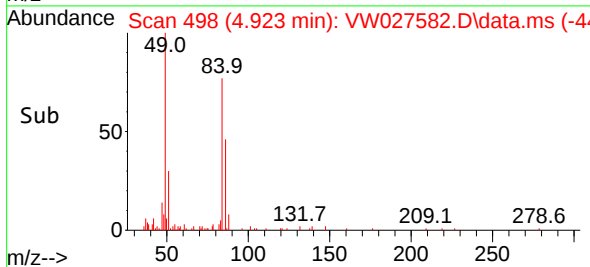
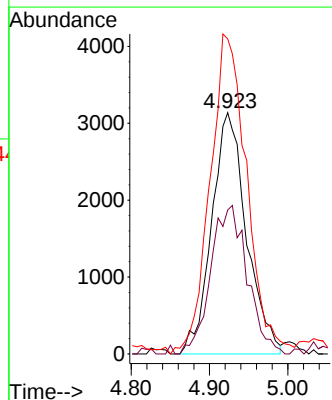
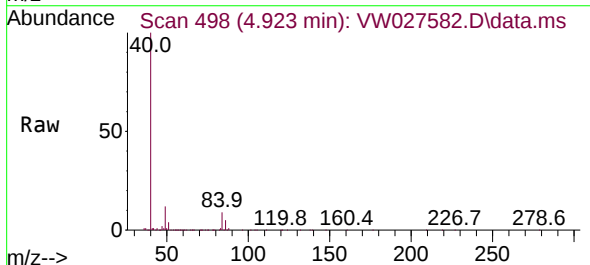
Instrument :
MSVOA_W
ClientSampleId :

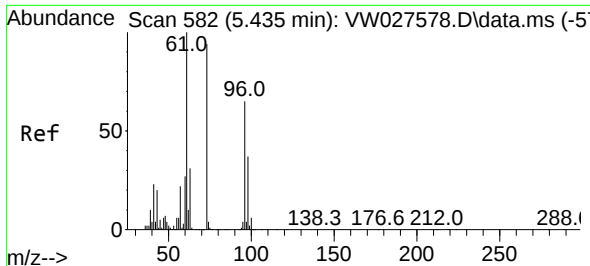
Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
74 17.2 16.8 25.2



#16
Methylene chloride
Concen: 2.557 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Tgt Ion: 84 Resp: 9697
Ion Ratio Lower Upper
84 100
86 59.7 47.7 88.7
49 130.6 97.4 181.0

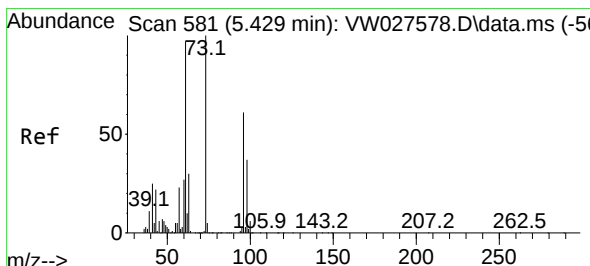
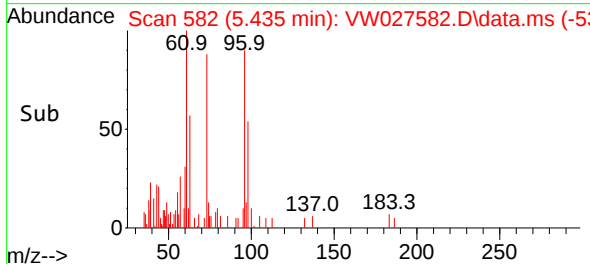
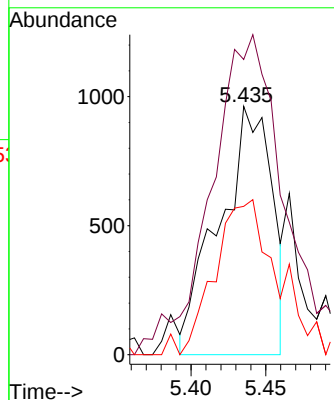
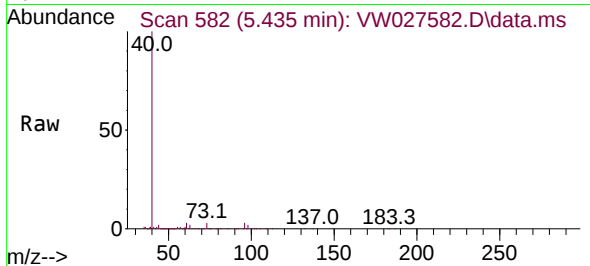




#17
trans-1,2-Dichloroethene
Concen: 0.693 ug/L
RT: 5.435 min Scan# 582
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

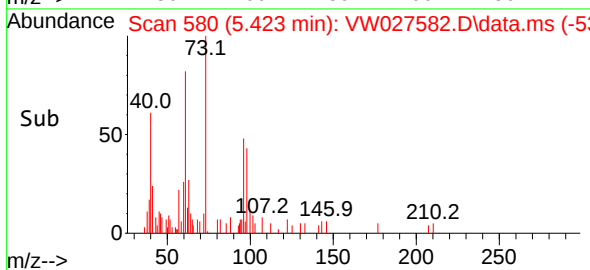
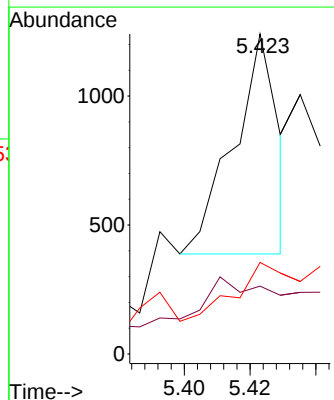
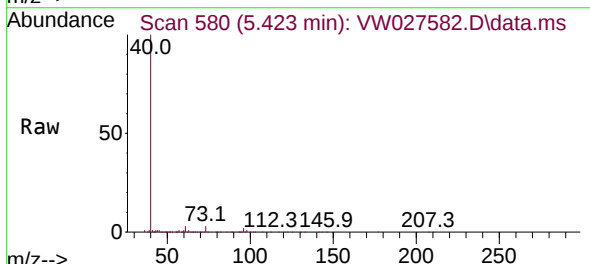
Instrument :
MSVOA_W
ClientSampleId :

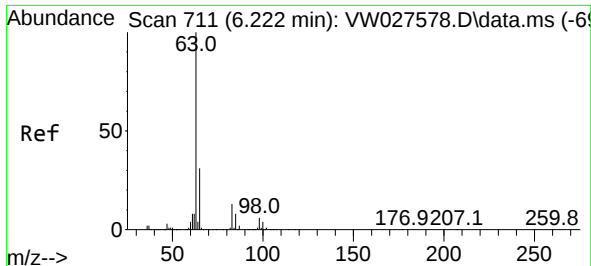
Tgt Ion: 96 Resp: 2371
Ion Ratio Lower Upper
96 100
61 118.9 109.6 203.6
98 59.8 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 0.146 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Tgt Ion: 73 Resp: 804
Ion Ratio Lower Upper
73 100
43 49.6 17.8 26.6#
57 35.8 19.9 29.9#





#19

1,1-Dichloroethane

Concen: 0.743 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW027582.D

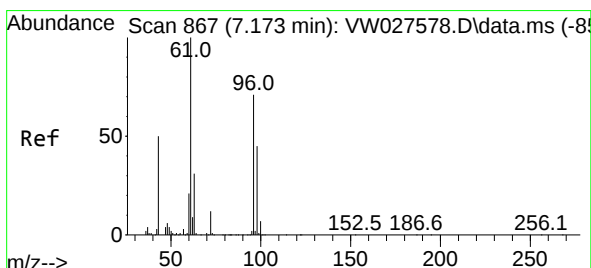
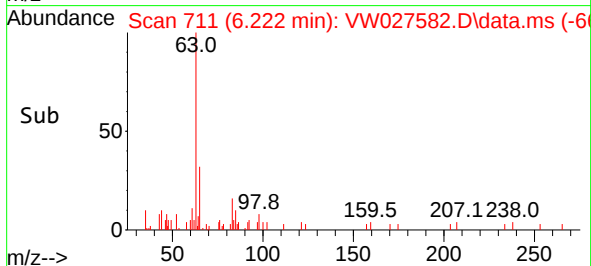
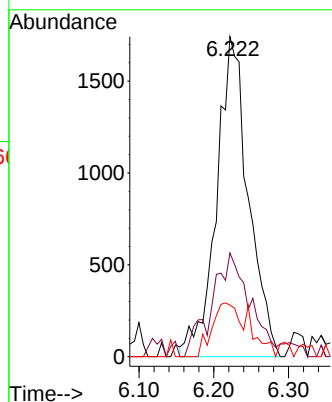
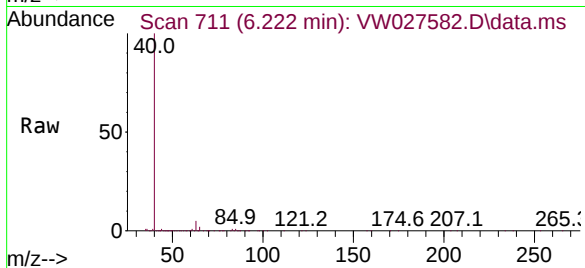
Acq: 08 Dec 2023 10:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	5165
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.0	40.8
83	16.2	9.0	16.8



#20

cis-1,2-Dichloroethene

Concen: 0.691 ug/L

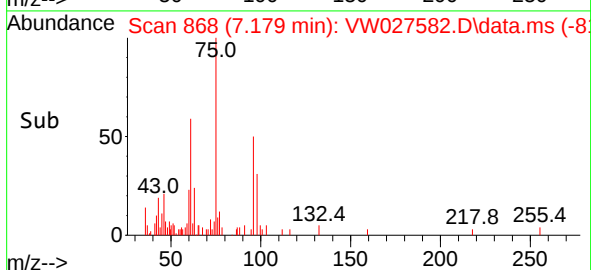
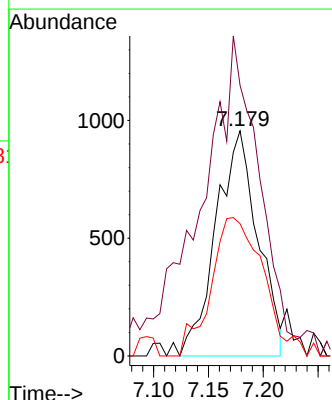
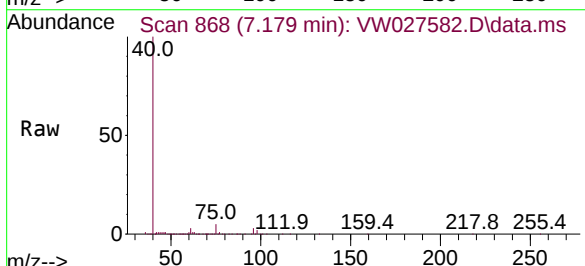
RT: 7.179 min Scan# 868

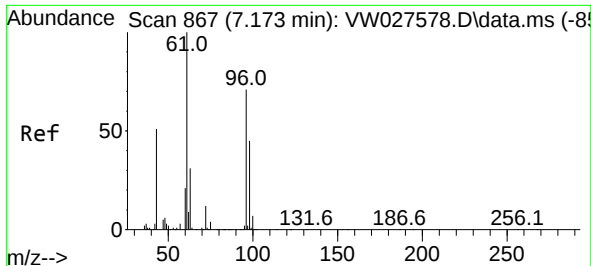
Delta R.T. 0.006 min

Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

Tgt Ion:	96	Resp:	2538
Ion	Ratio	Lower	Upper
96	100		
61	120.3	94.0	174.6
98	58.8	45.1	83.7

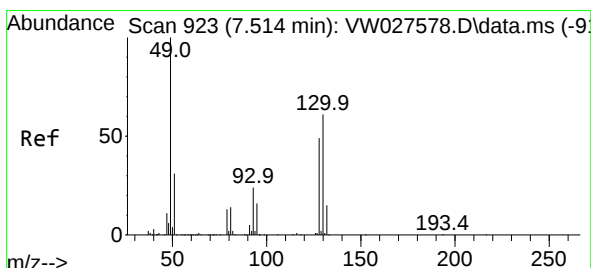
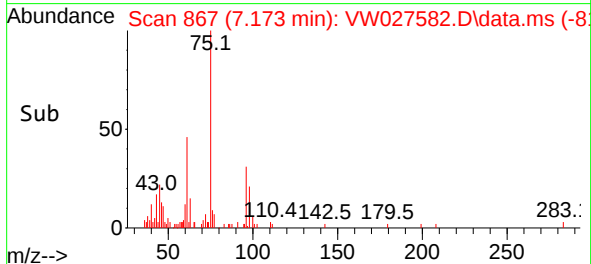
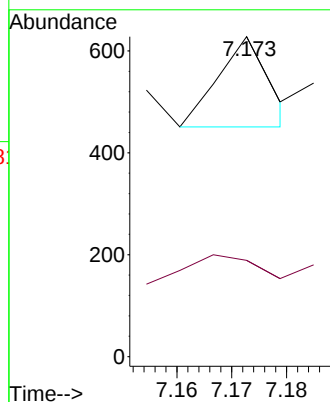
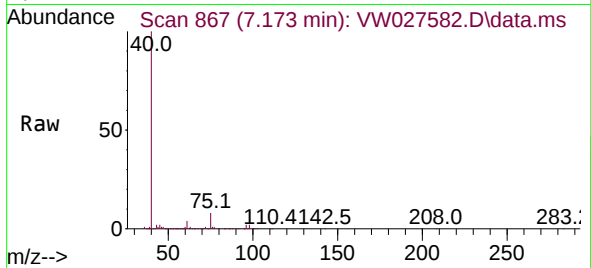




#22
2-Butanone
Concen: 0.074 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

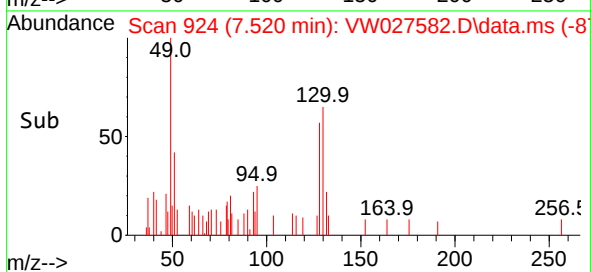
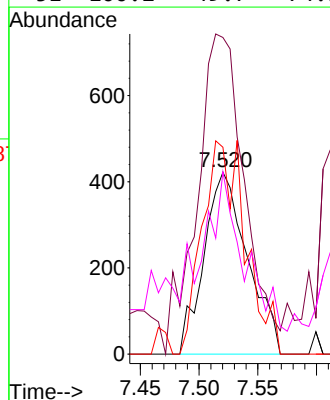
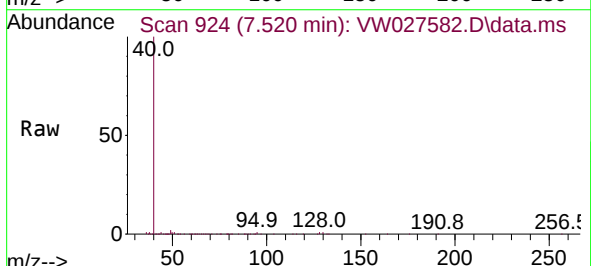
Instrument :
MSVOA_W
ClientSampleId :

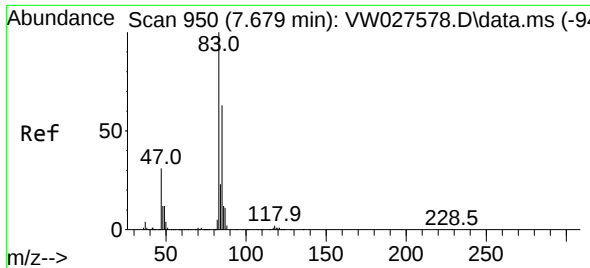
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
72 276.1 11.9 35.9#



#23
Bromochloromethane
Concen: 0.753 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Tgt Ion: 128 Resp: 1088
Ion Ratio Lower Upper
128 100
49 174.2 137.8 256.0
130 113.7 91.2 169.4
51 100.2 49.7 74.5#

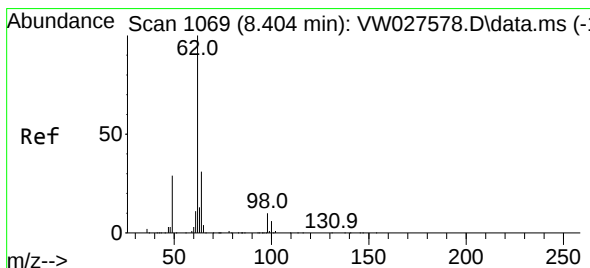
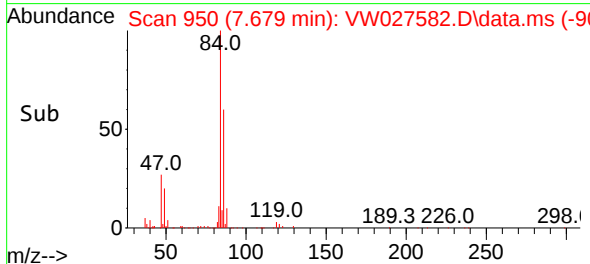
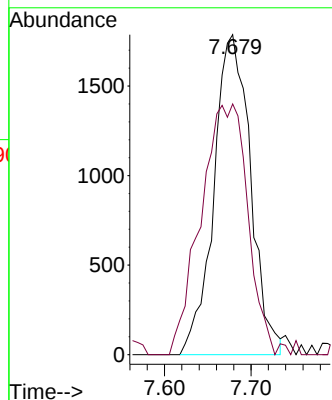
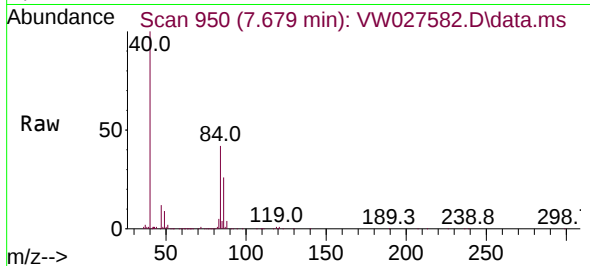




#25
Chloroform
Concen: 0.831 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

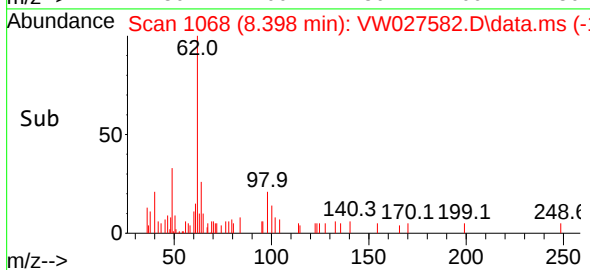
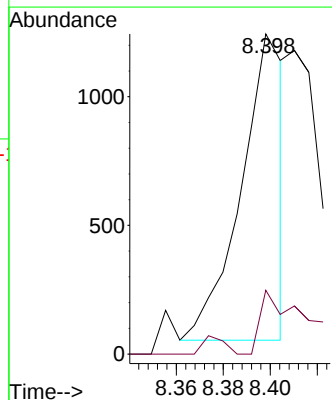
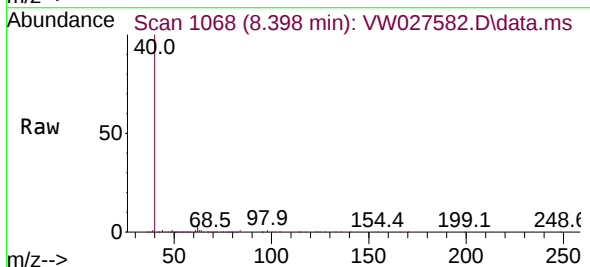
Instrument :
MSVOA_W
ClientSampleId :

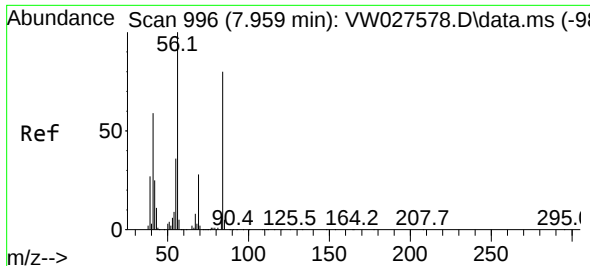
Tgt Ion: 83 Resp: 5249
Ion Ratio Lower Upper
83 100
85 78.3 49.8 92.6



#27
1,2-Dichloroethane
Concen: 0.366 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Tgt Ion: 62 Resp: 1494
Ion Ratio Lower Upper
62 100
98 19.9 7.4 11.0#





#29

Cyclohexane

Concen: 0.801 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

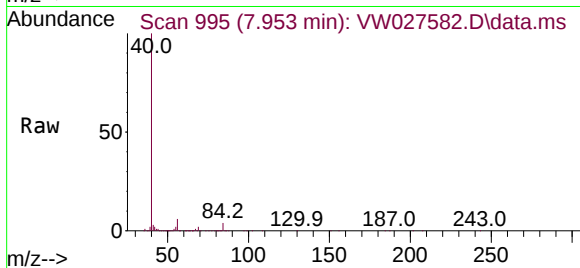
Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

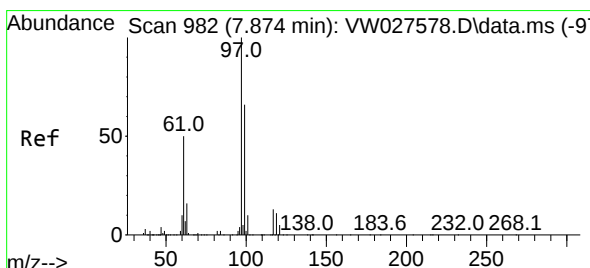
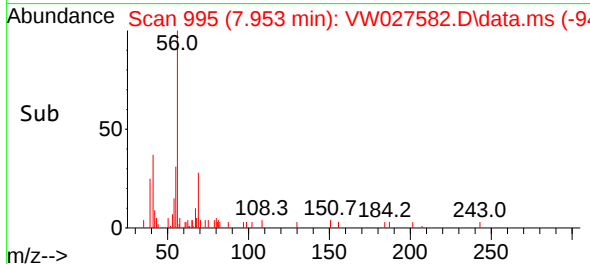
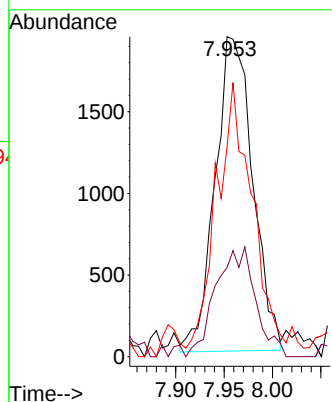
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	56	Resp:	5228
Ion Ratio	Lower	Upper	
56	100		
69	22.8	24.1	36.1#
84	60.3	65.0	97.4#



#30

1,1,1-Trichloroethane

Concen: 0.598 ug/L

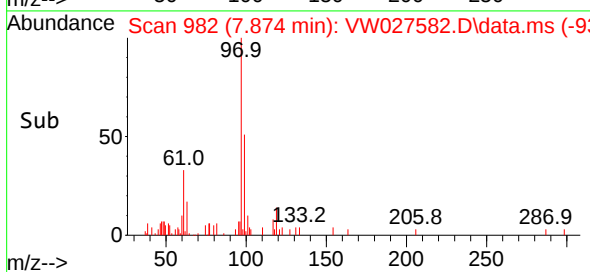
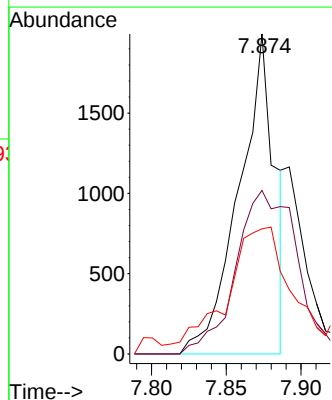
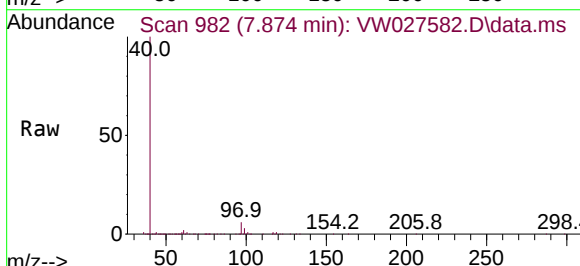
RT: 7.874 min Scan# 982

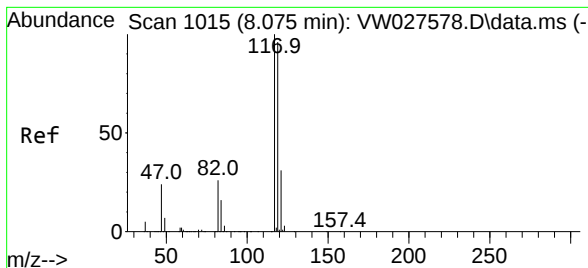
Delta R.T. -0.000 min

Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

Tgt Ion:	97	Resp:	3310
Ion Ratio	Lower	Upper	
97	100		
99	53.1	50.5	75.7
61	58.9	39.0	58.4#

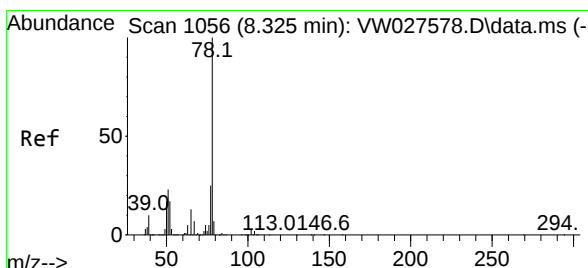
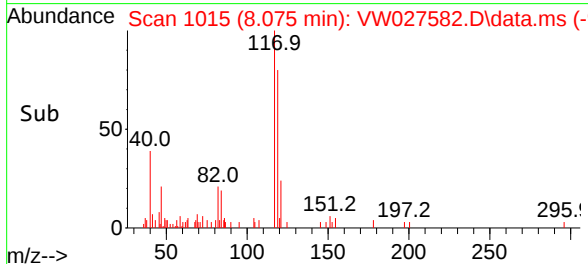
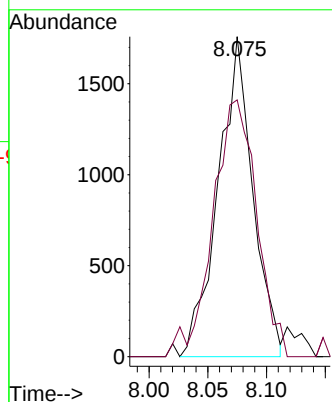
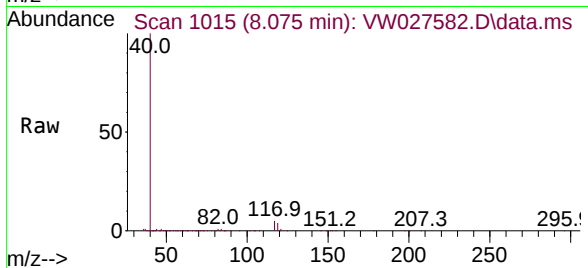




#31
Carbon tetrachloride
Concen: 0.746 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

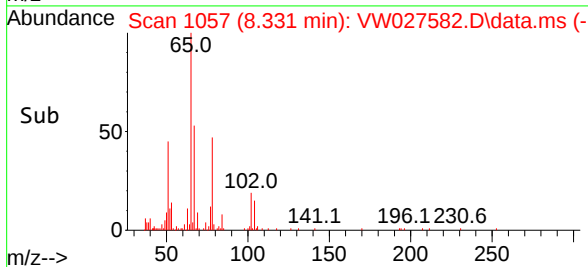
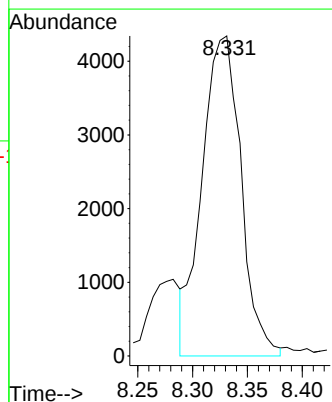
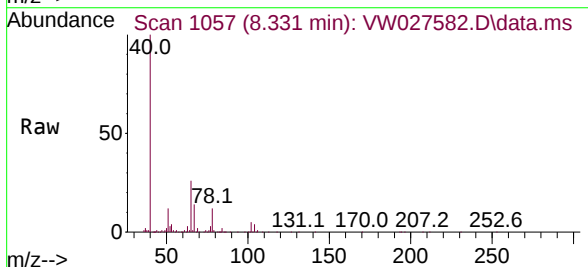
Instrument :
MSVOA_W
ClientSampleId :

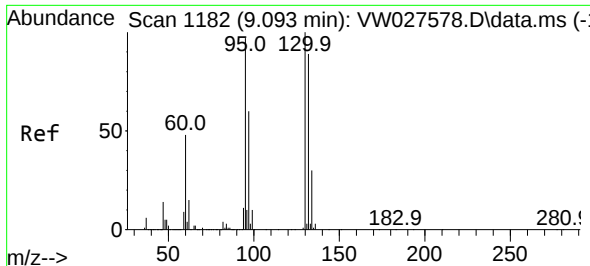
Tgt Ion:117 Resp: 3606
Ion Ratio Lower Upper
117 100
119 98.1 77.0 115.6



#33
Benzene
Concen: 0.783 ug/L
RT: 8.331 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

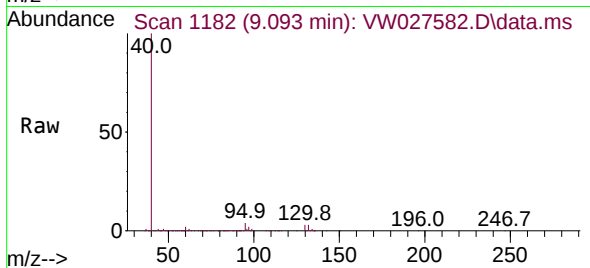
Tgt Ion: 78 Resp: 10731



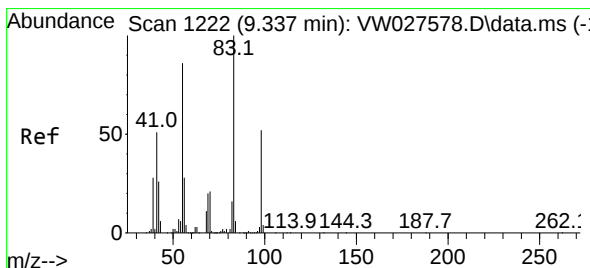
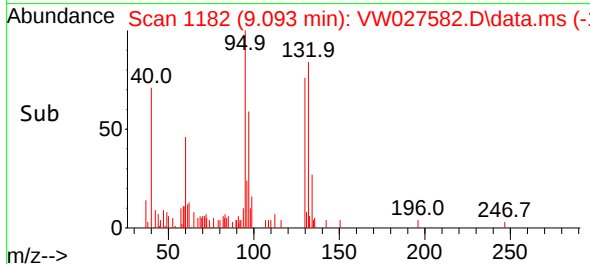
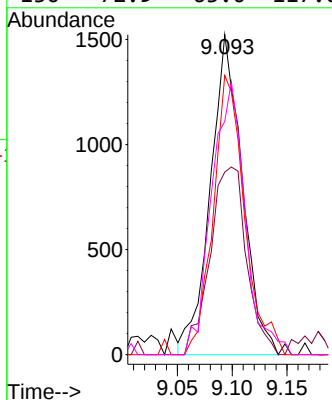


#34
Trichloroethene
Concen: 0.826 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Instrument :
MSVOA_W
ClientSampleId :

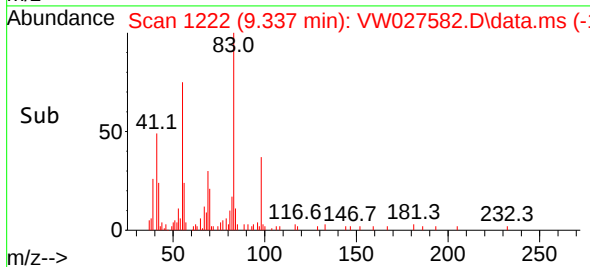
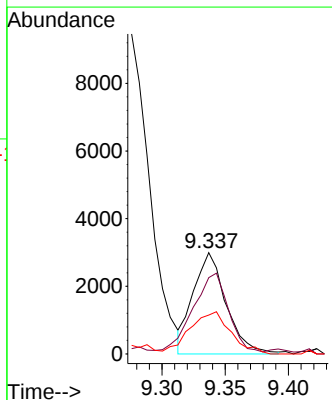
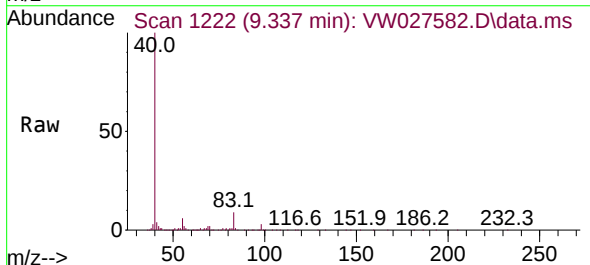


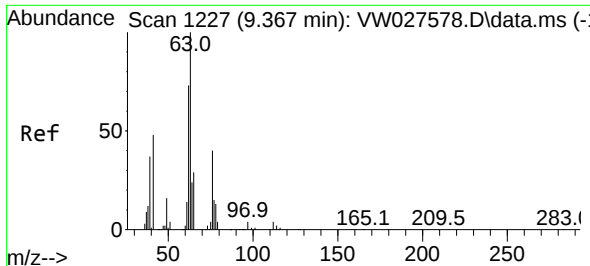
Tgt Ion: 95	Resp: 3092
Ion Ratio	Lower Upper
95 100	
97 57.1	43.0 80.0
132 87.3	64.1 119.1
130 72.9	63.0 117.0



#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Tgt Ion: 83	Resp: 5446
Ion Ratio	Lower Upper
83 100	
55 82.5	65.6 98.4
98 51.8	38.3 57.5





#37

1,2-Dichloropropane

Concen: 0.630 ug/L

RT: 9.374 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

Instrument :

MSVOA_W

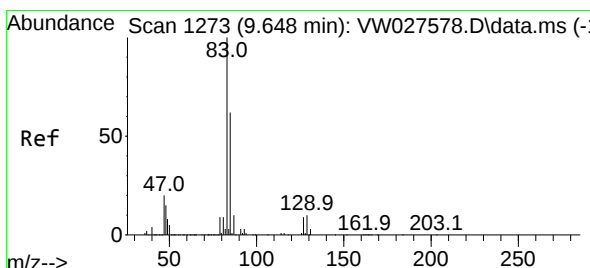
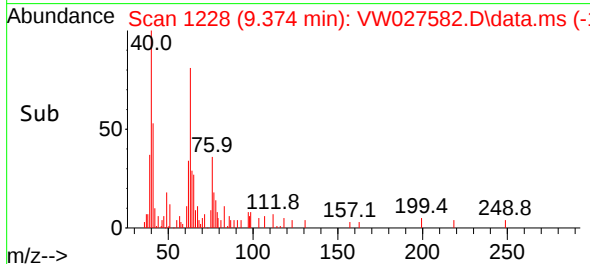
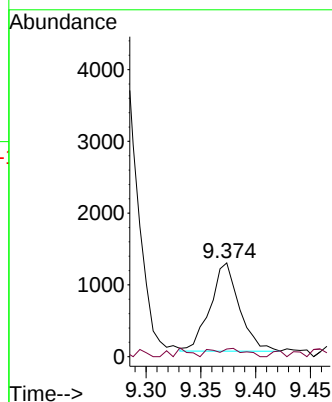
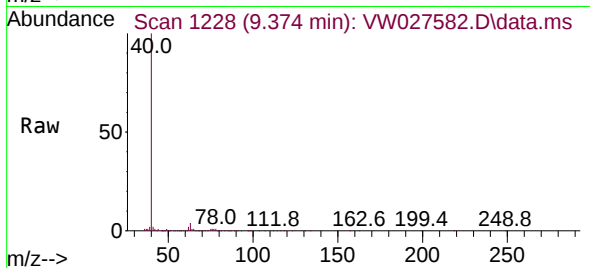
ClientSampleId :

Tgt Ion: 63 Resp: 2281

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 0.700 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

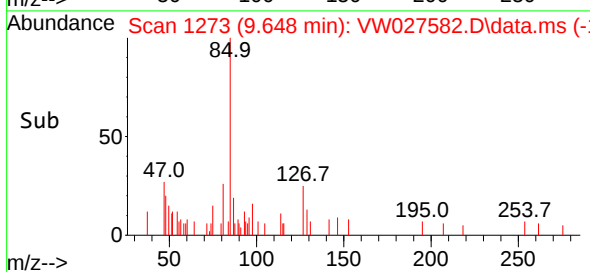
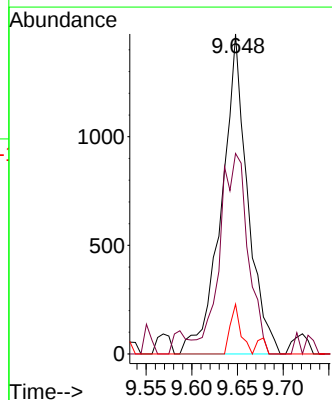
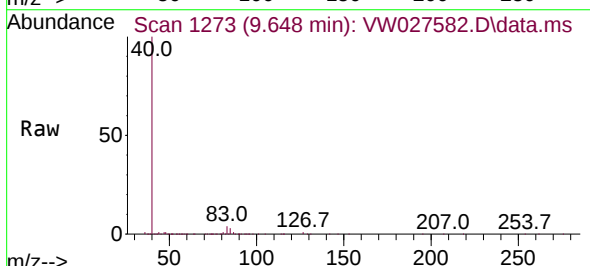
Tgt Ion: 83 Resp: 2927

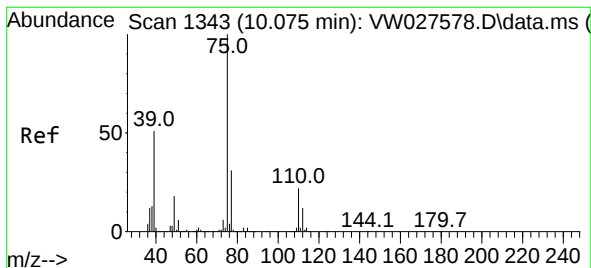
Ion Ratio Lower Upper

83 100

85 62.7 44.3 82.3

127 15.5 5.3 7.9#

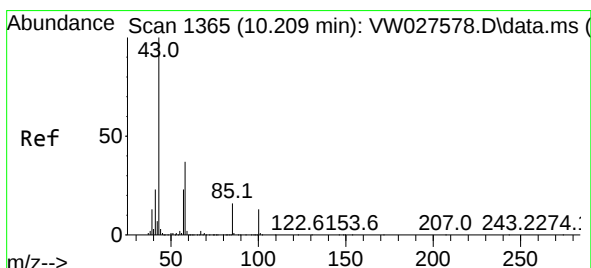
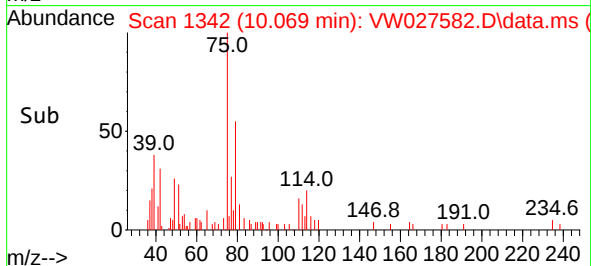
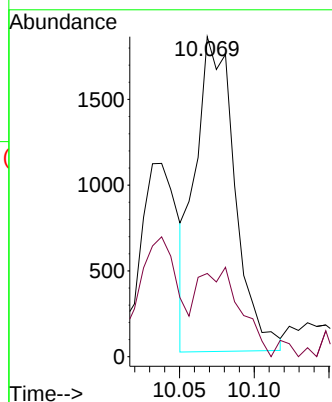
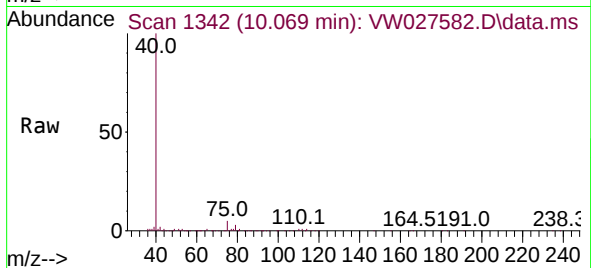




#39
cis-1,3-Dichloropropene
Concen: 0.644 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

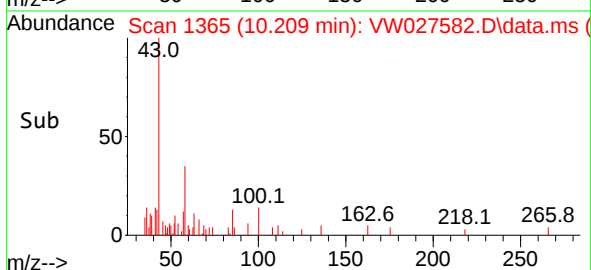
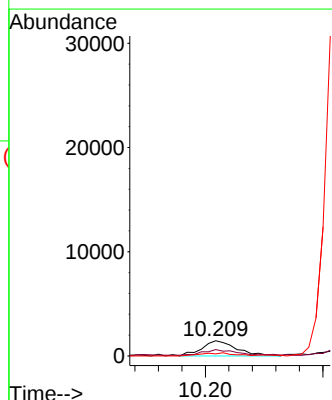
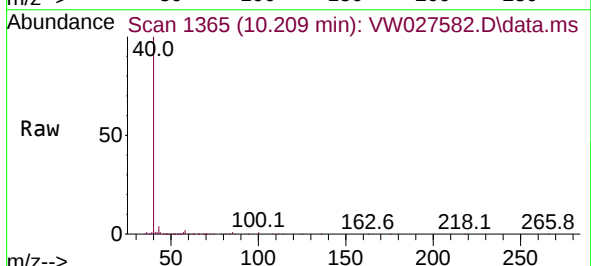
Instrument :
MSVOA_W
ClientSampleId :

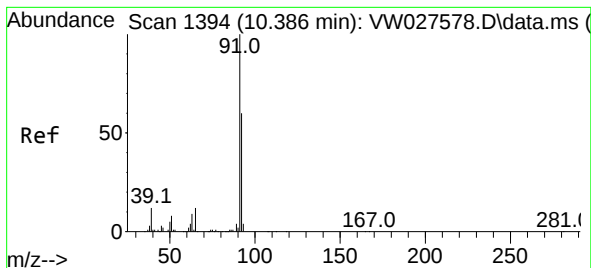
Tgt Ion: 75 Resp: 3365
Ion Ratio Lower Upper
75 100
77 26.0 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 1.217 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Tgt Ion: 43 Resp: 2977
Ion Ratio Lower Upper
43 100
58 32.5 29.6 44.4
100 6.3 11.1 16.7#





#42

Toluene

Concen: 0.757 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

Instrument :

MSVOA_W

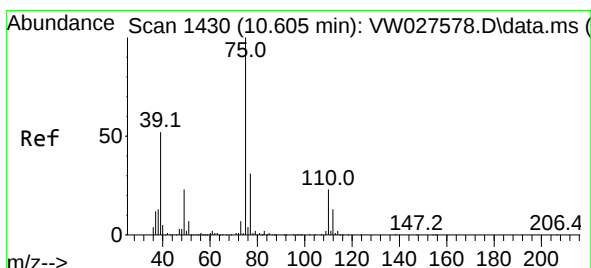
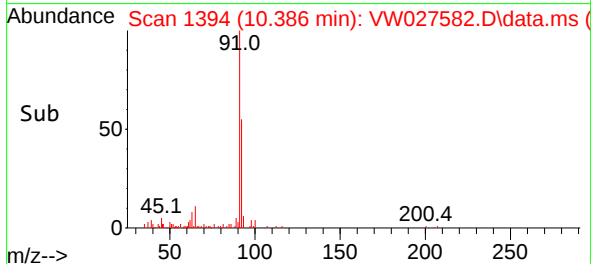
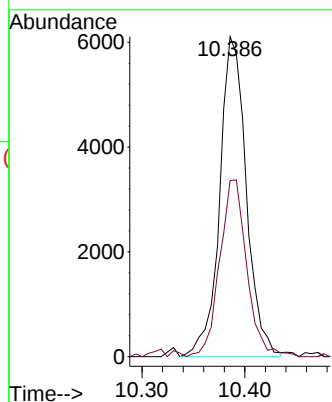
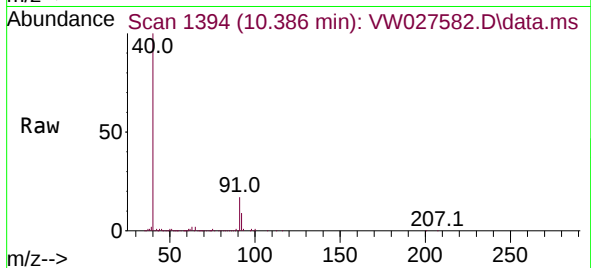
ClientSampleId :

Tgt Ion: 91 Resp: 10977

Ion Ratio Lower Upper

91 100

92 55.1 41.4 76.8



#44

trans-1,3-Dichloropropene

Concen: 0.579 ug/L

RT: 10.611 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VW027582.D

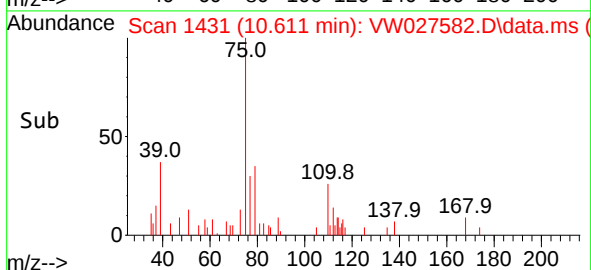
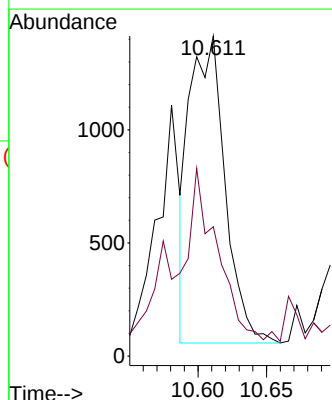
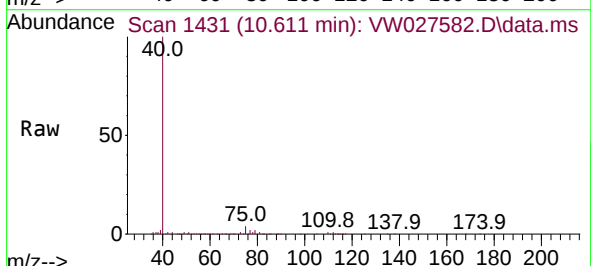
Acq: 08 Dec 2023 10:09

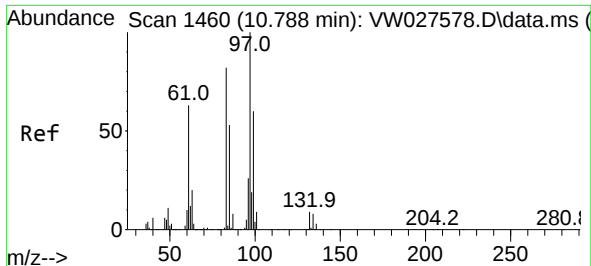
Tgt Ion: 75 Resp: 2441

Ion Ratio Lower Upper

75 100

77 40.4 23.7 44.1





#45

1,1,2-Trichloroethane

Concen: 0.729 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

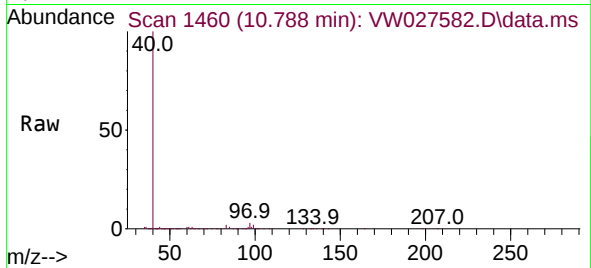
Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 1838

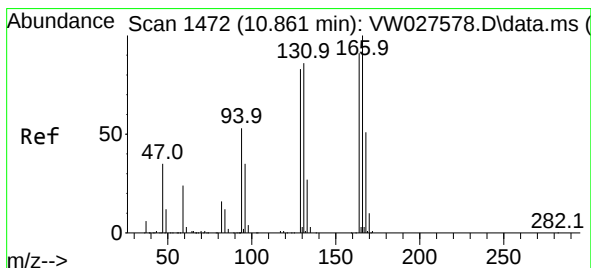
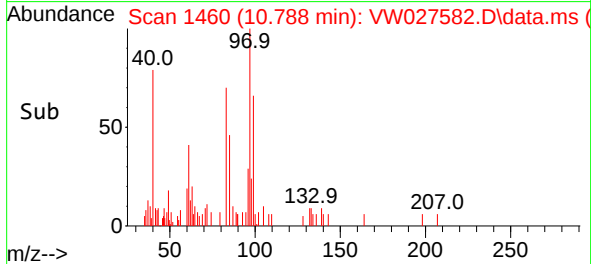
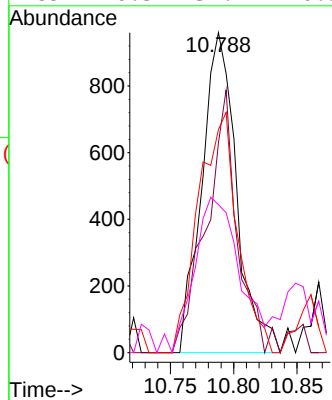
Ion Ratio Lower Upper

97 100

99 65.5 42.8 79.4

83 69.7 59.9 111.3

85 46.3 37.9 70.5



#46

Tetrachloroethene

Concen: 0.814 ug/L

RT: 10.867 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

Tgt Ion:164 Resp: 2171

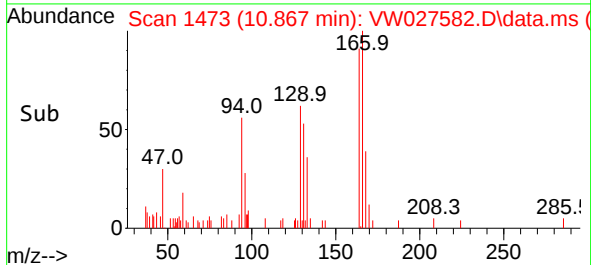
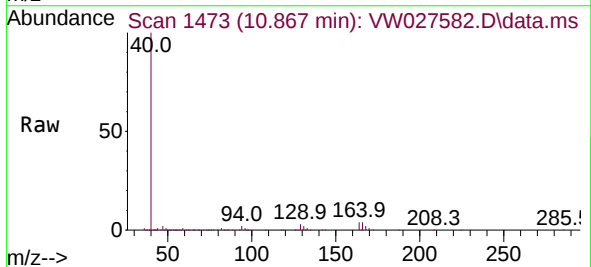
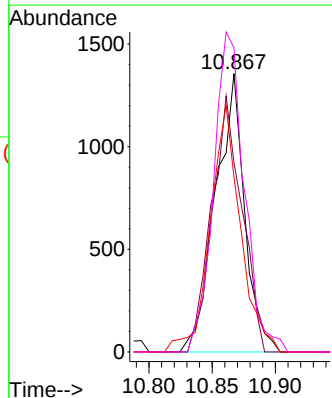
Ion Ratio Lower Upper

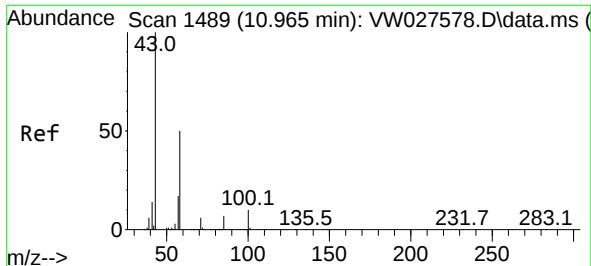
164 100

129 68.1 71.0 131.8#

131 62.7 61.2 113.6

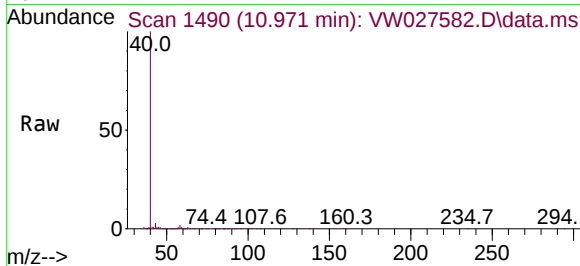
166 109.3 86.6 160.8



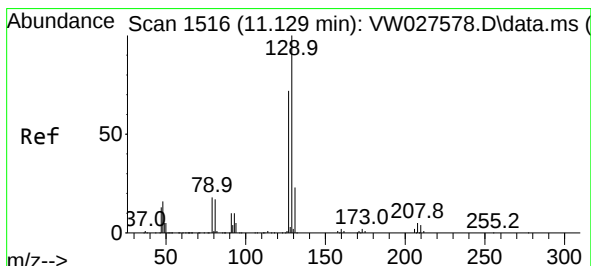
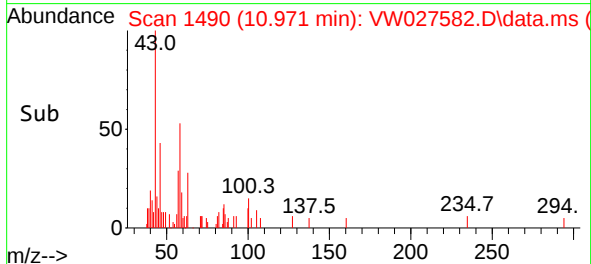
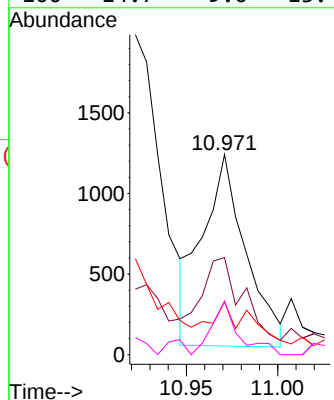


#48
2-Hexanone
Concen: 1.144 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Instrument :
MSVOA_W
ClientSampleId :

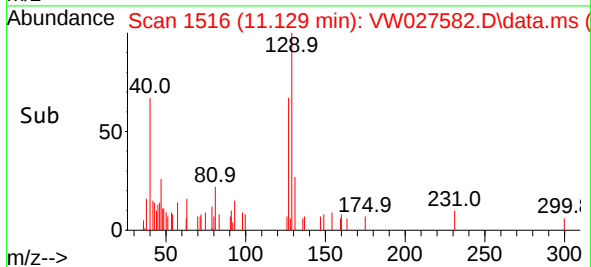
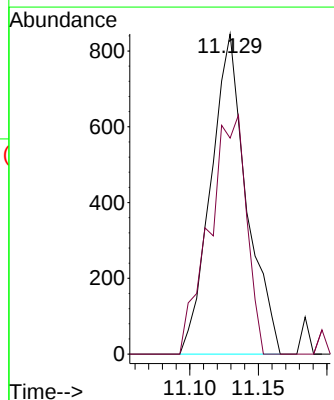
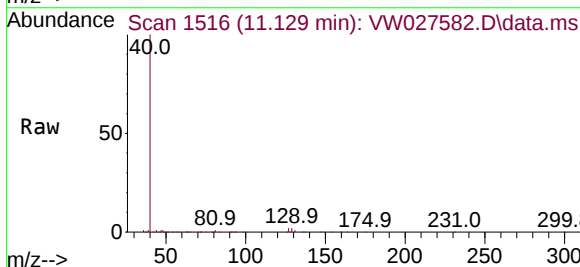


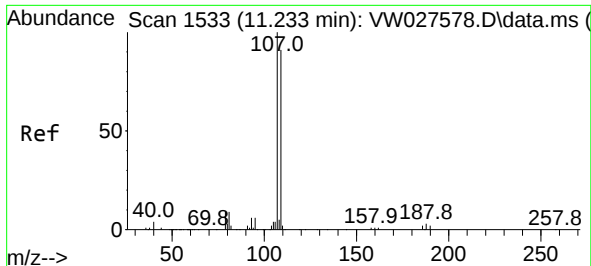
Tgt Ion: 43 Resp: 1972
Ion Ratio Lower Upper
43 100
58 53.3 40.8 61.2
57 7.8 14.8 22.2#
100 14.7 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.614 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Tgt Ion: 129 Resp: 1528
Ion Ratio Lower Upper
129 100
127 67.5 52.3 97.1





#50

1,2-Dibromoethane

Concen: 0.640 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

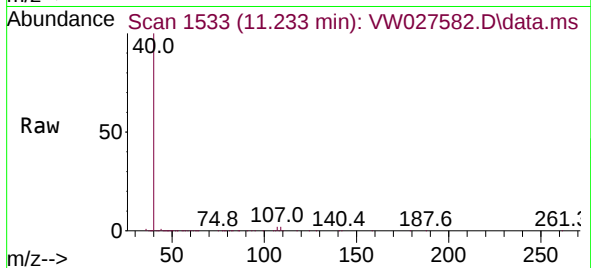
Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

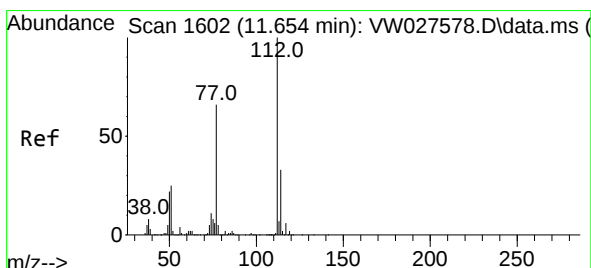
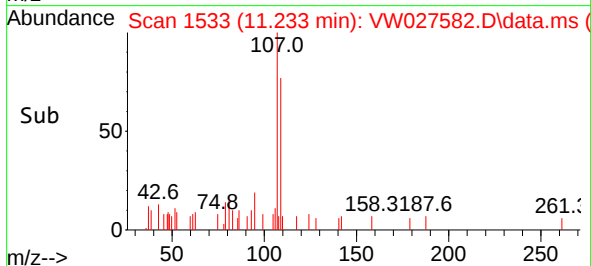
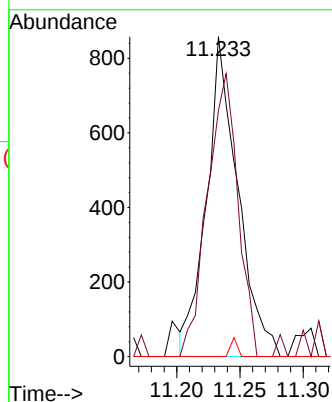
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	1475
Ion	Ratio	Lower	Upper
107	100		
109	76.9	64.8	120.3
188	0.0	2.7	4.1#



#51

Chlorobenzene

Concen: 0.684 ug/L

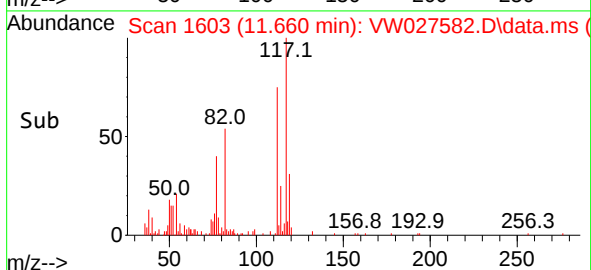
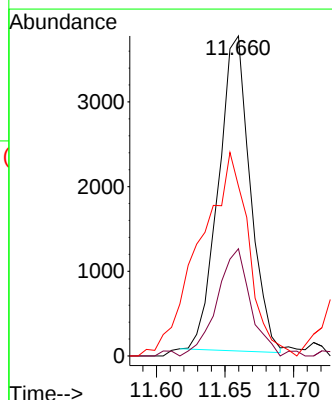
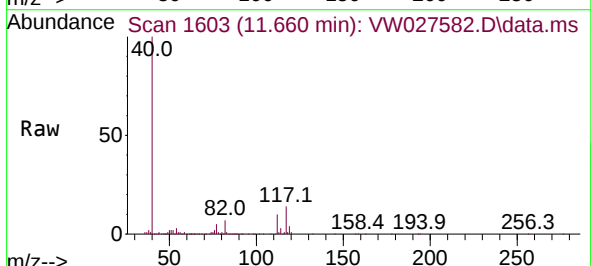
RT: 11.660 min Scan# 1603

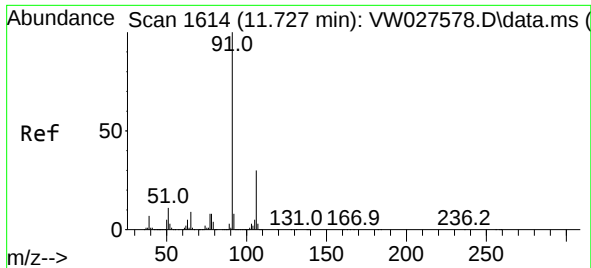
Delta R.T. 0.006 min

Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

Tgt Ion:	112	Resp:	5979
Ion	Ratio	Lower	Upper
112	100		
114	33.5	21.5	39.9
77	53.1	50.6	76.0

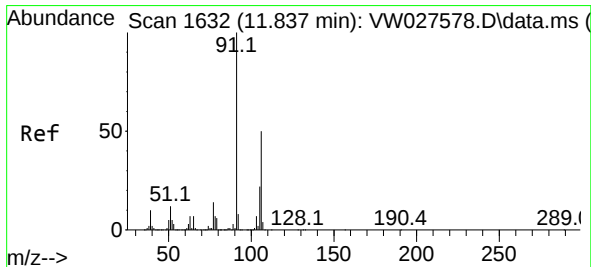
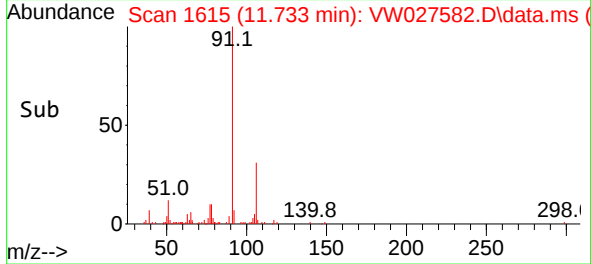
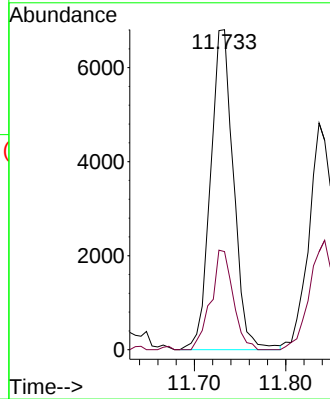
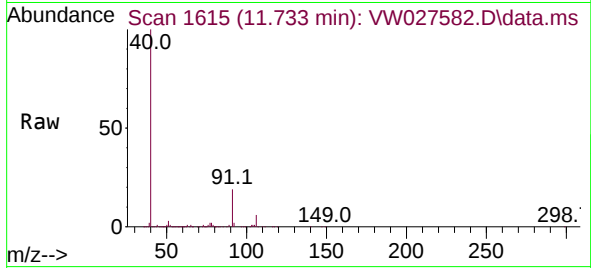




#52
Ethylbenzene
Concen: 0.726 ug/L
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

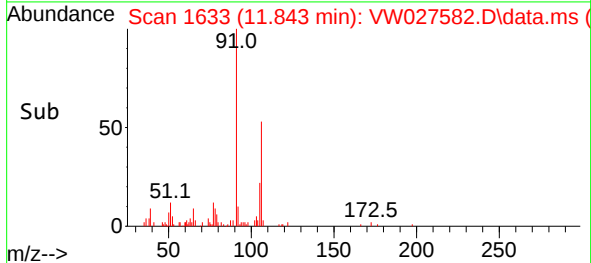
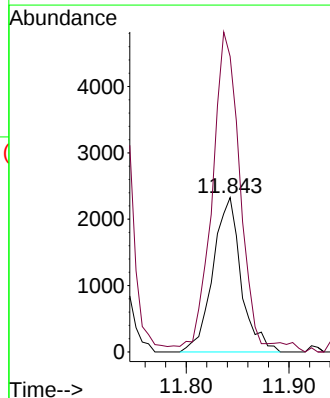
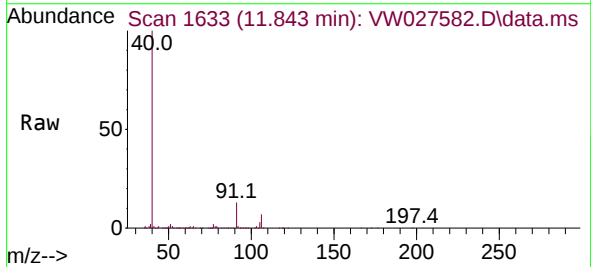
Instrument :
MSVOA_W
ClientSampleId :

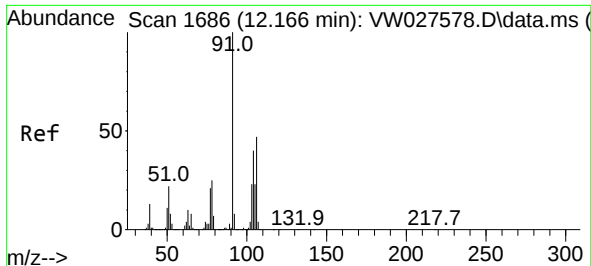
Tgt Ion: 91 Resp: 11957
Ion Ratio Lower Upper
91 100
106 30.7 19.5 36.1



#53
m,p-Xylene
Concen: 0.730 ug/L
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Tgt Ion: 106 Resp: 4427
Ion Ratio Lower Upper
106 100
91 191.4 142.1 263.9

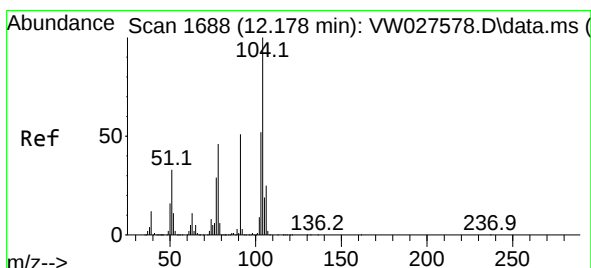
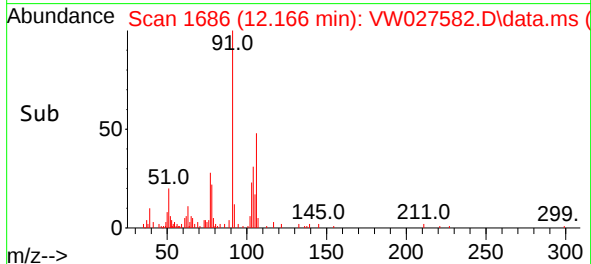
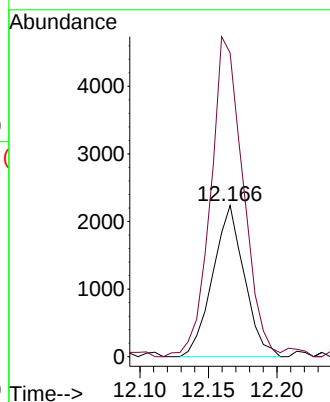
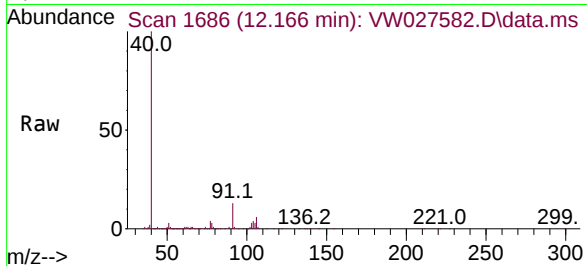




#54
o-Xylene
Concen: 0.651 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

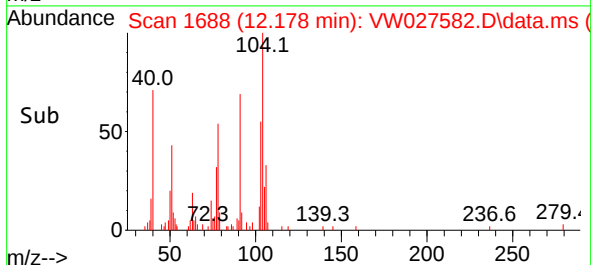
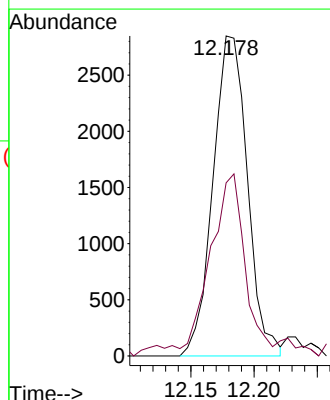
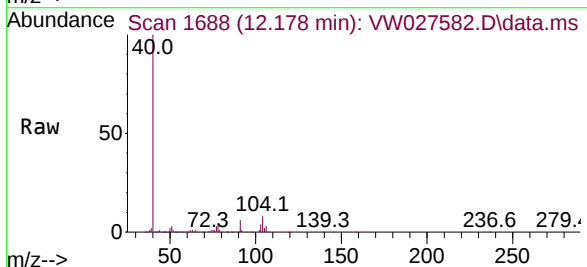
Instrument :
MSVOA_W
ClientSampleId :

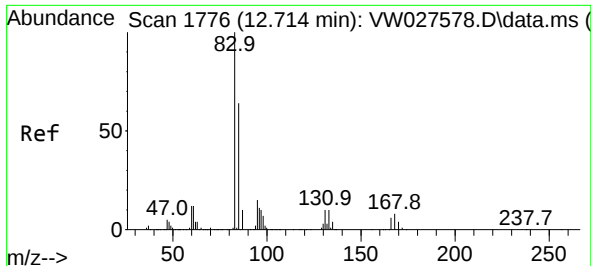
Tgt Ion:106 Resp: 3588
Ion Ratio Lower Upper
106 100
91 200.9 158.8 295.0



#55
Styrene
Concen: 0.572 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Tgt Ion:104 Resp: 5387
Ion Ratio Lower Upper
104 100
78 54.1 33.9 62.9





#57

1,1,2-Tetrachloroethane

Concen: 0.724 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027582.D

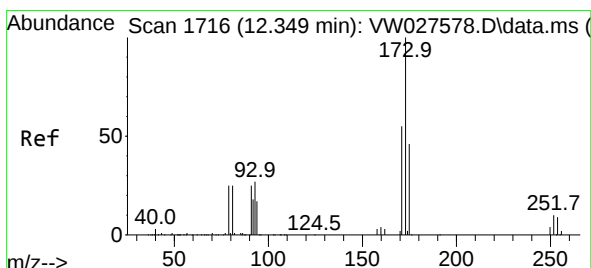
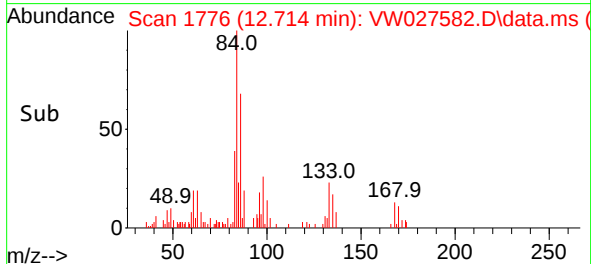
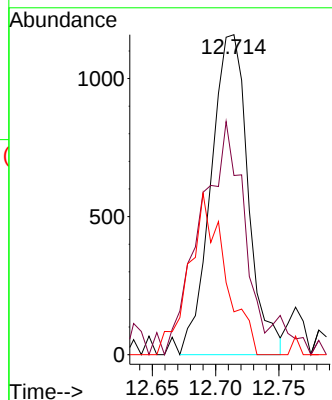
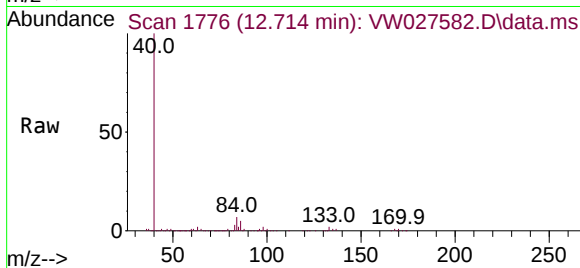
Acq: 08 Dec 2023 10:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	2375
Ion	Ratio	Lower	Upper
83	100		
85	56.0	41.9	77.7
131	13.4	7.0	10.6#



#59

Bromoform

Concen: 0.583 ug/L

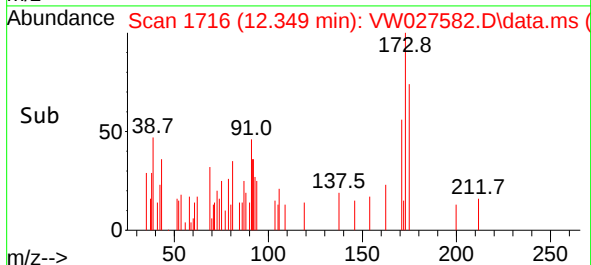
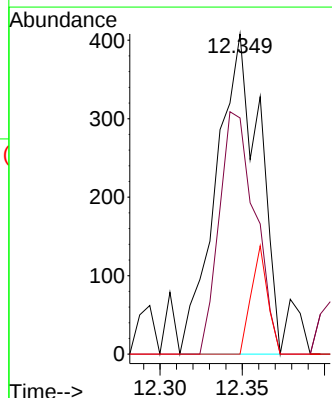
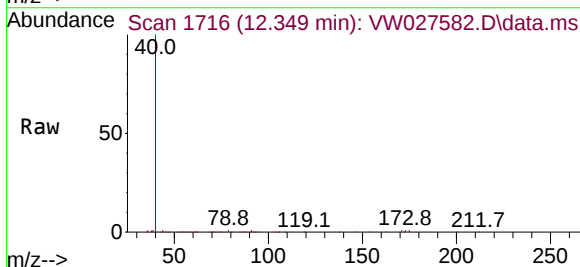
RT: 12.349 min Scan# 1716

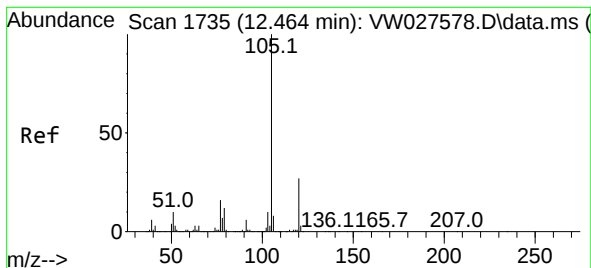
Delta R.T. -0.000 min

Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

Tgt Ion:	173	Resp:	745
Ion	Ratio	Lower	Upper
173	100		
175	62.7	39.4	59.0#
254	0.0	7.8	11.8#





#60

Isopropylbenzene

Concen: 0.695 ug/L

RT: 12.464 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VW027582.D

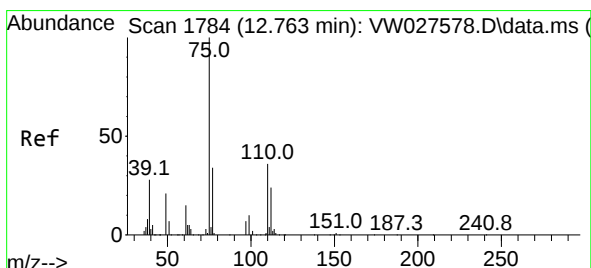
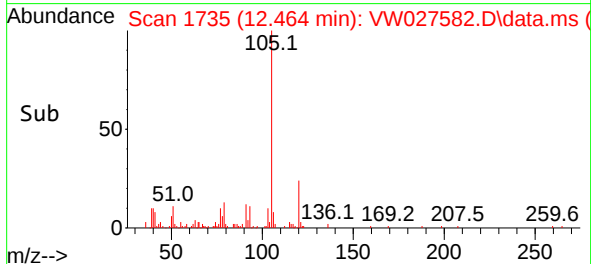
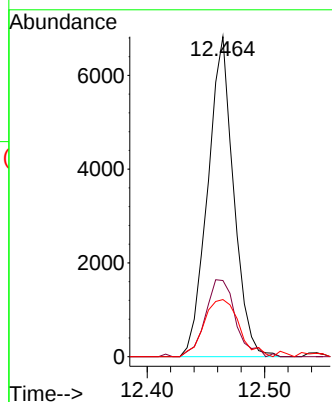
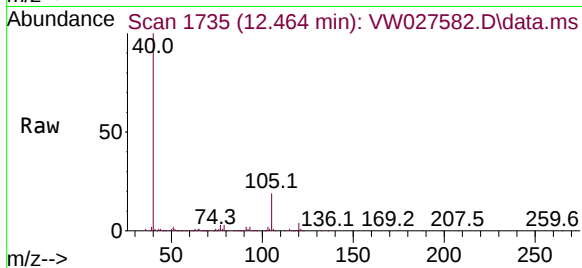
Acq: 08 Dec 2023 10:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	10464
Ion Ratio	Lower	Upper	
105	100		
120	27.6	20.3	30.5
77	24.2	13.1	19.7#



#61

1,2,3-Trichloropropane

Concen: 0.735 ug/L

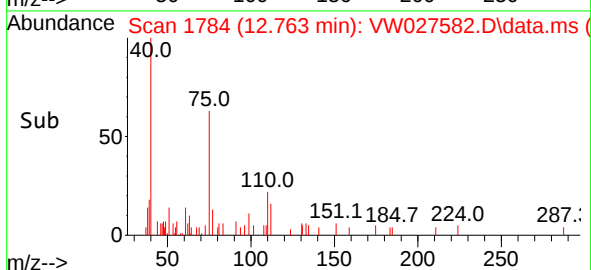
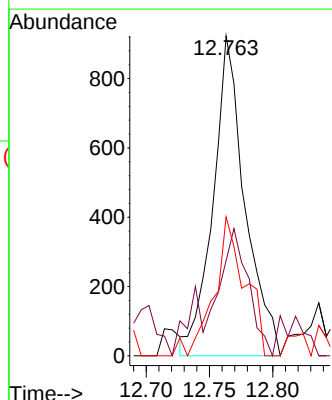
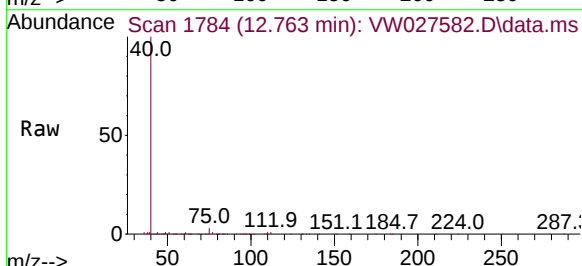
RT: 12.763 min Scan# 1784

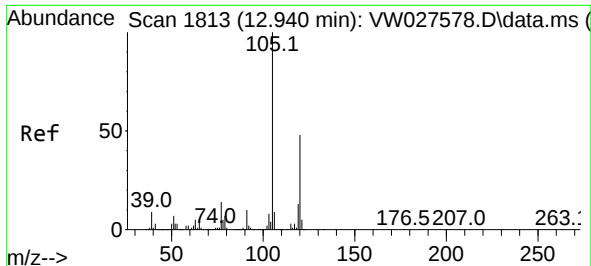
Delta R.T. -0.000 min

Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

Tgt Ion:	75	Resp:	1616
Ion Ratio	Lower	Upper	
75	100		
77	36.0	26.6	39.8
110	31.8	30.2	45.4





#62

1,3,5-Trimethylbenzene

Concen: 0.709 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

Instrument :

MSVOA_W

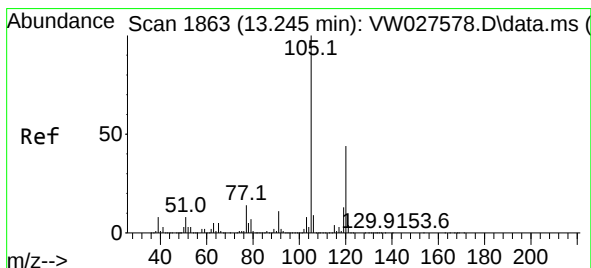
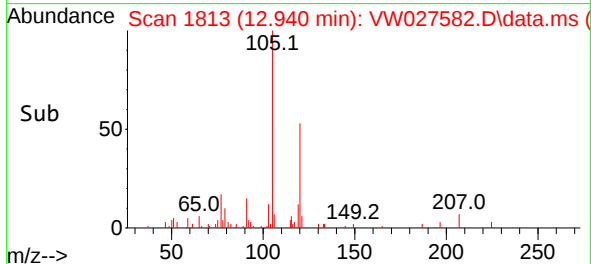
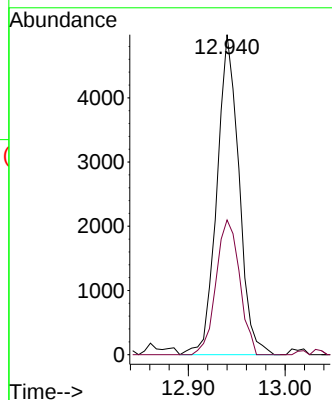
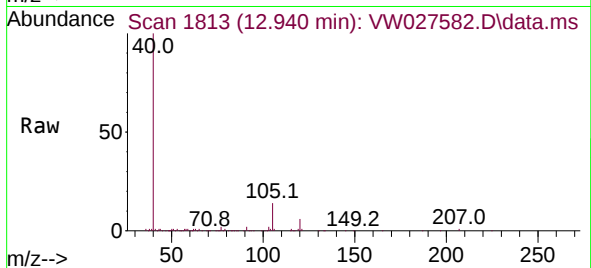
ClientSampleId :

Tgt Ion:105 Resp: 7892

Ion Ratio Lower Upper

105 100

120 44.8 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 0.715 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW027582.D

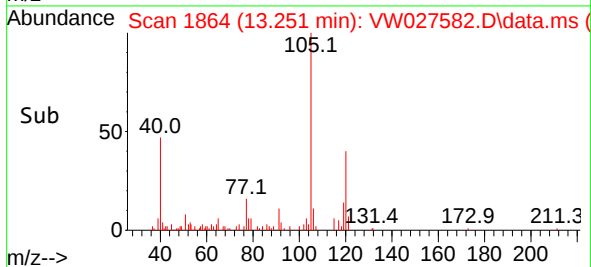
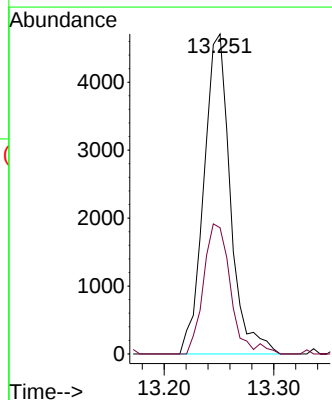
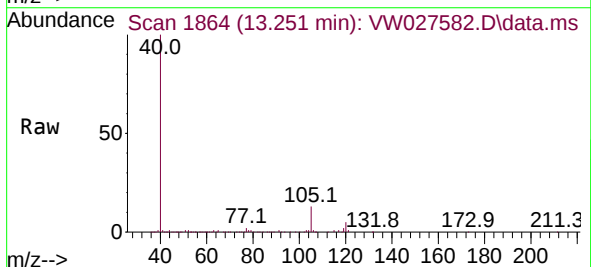
Acq: 08 Dec 2023 10:09

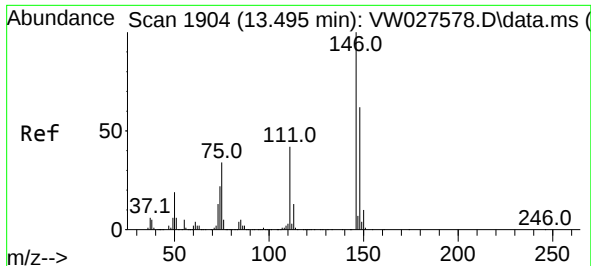
Tgt Ion:105 Resp: 7924

Ion Ratio Lower Upper

105 100

120 40.2 36.9 55.3

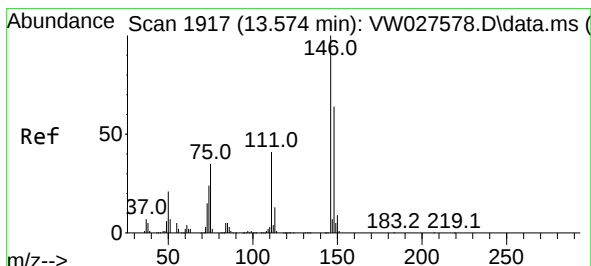
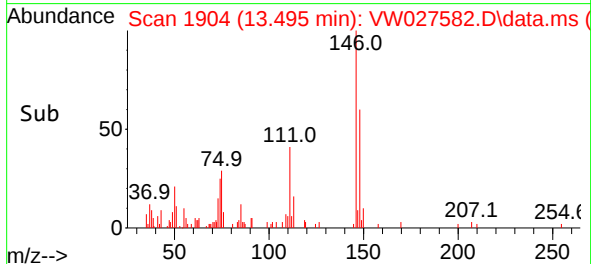
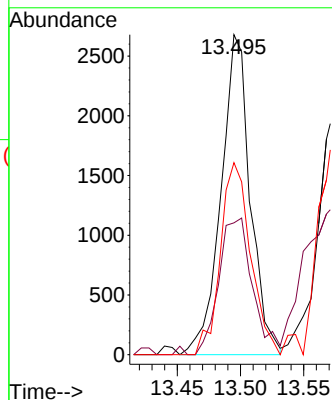
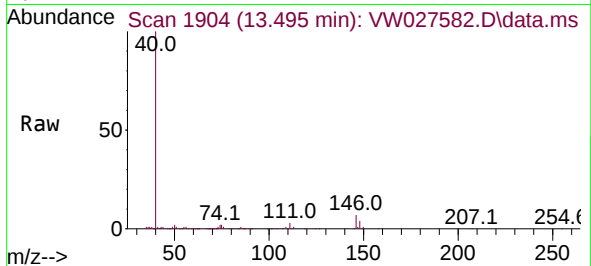




#64
1,3-Dichlorobenzene
Concen: 0.747 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

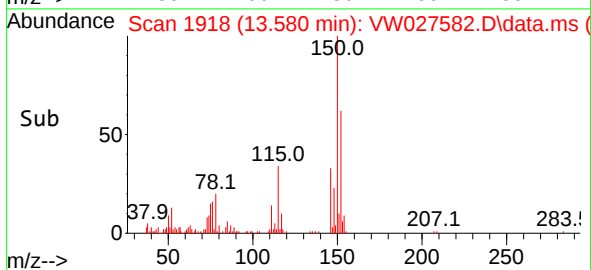
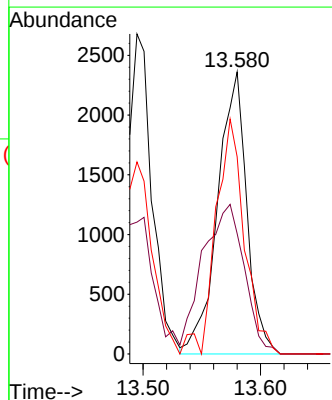
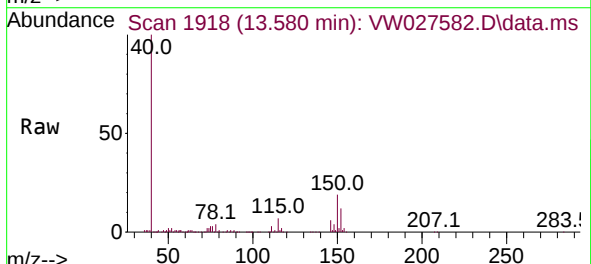
Instrument :
MSVOA_W
ClientSampleId :

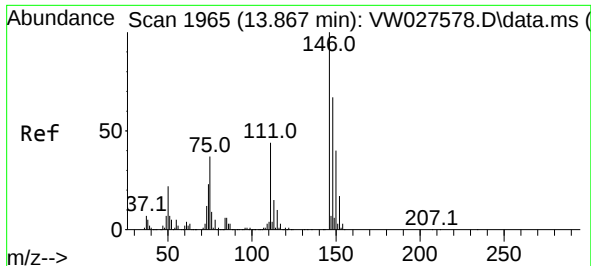
Tgt Ion:146 Resp: 4308
Ion Ratio Lower Upper
146 100
111 41.2 29.5 54.7
148 60.0 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 0.710 ug/L
RT: 13.580 min Scan# 1918
Delta R.T. 0.006 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

Tgt Ion:146 Resp: 4082
Ion Ratio Lower Upper
146 100
111 42.7 28.9 53.7
148 69.9 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 0.686 ug/L

RT: 13.873 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VW027582.D

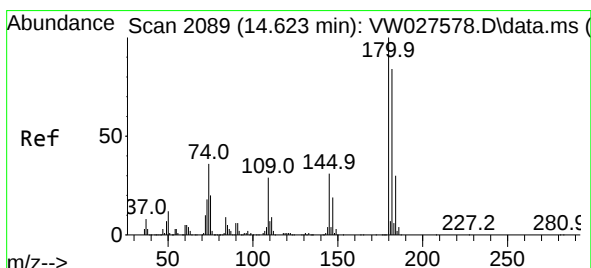
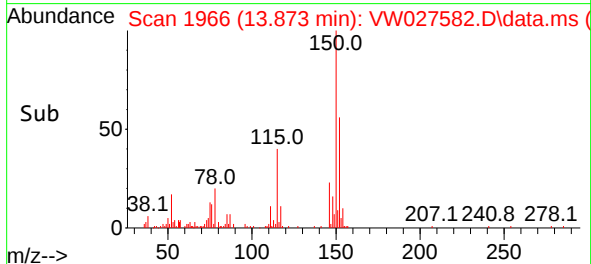
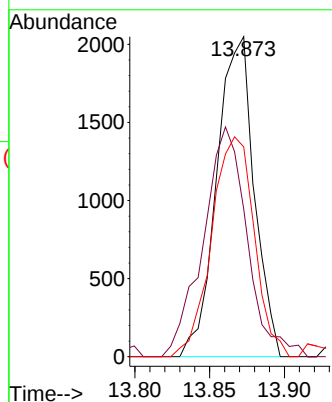
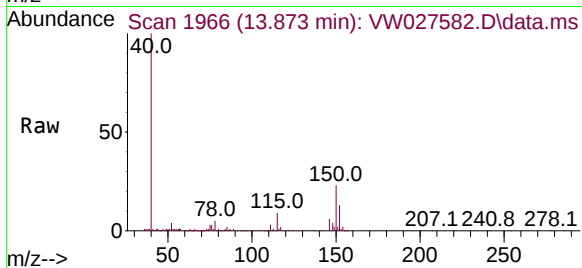
Acq: 08 Dec 2023 10:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	3565
Ion Ratio	Lower	Upper
146	100	
111	46.2	33.9 50.9
148	65.5	49.5 74.3



#69

1,3,5-Trichlorobenzene

Concen: 0.711 ug/L

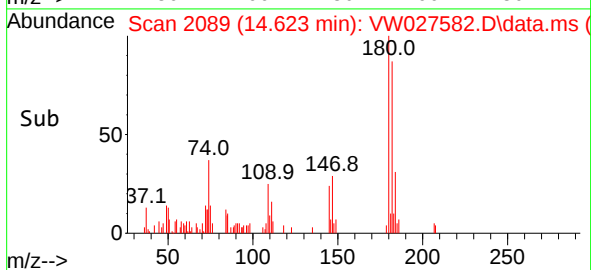
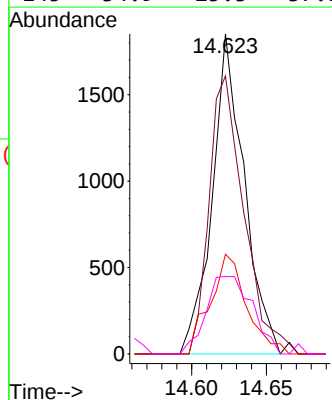
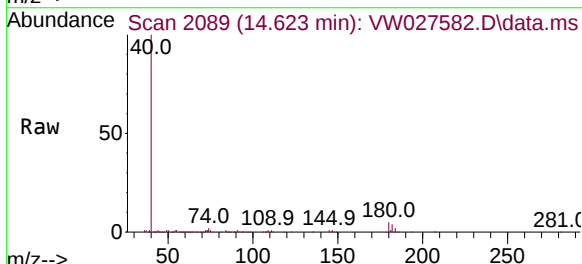
RT: 14.623 min Scan# 2089

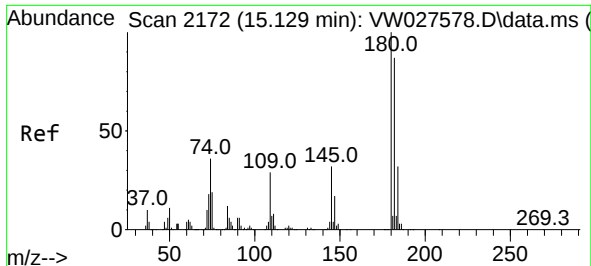
Delta R.T. -0.000 min

Lab File: VW027582.D

Acq: 08 Dec 2023 10:09

Tgt Ion:180	Resp:	2756
Ion Ratio	Lower	Upper
180	100	
182	94.2	73.2 109.8
184	35.5	25.4 38.2
145	34.9	25.3 37.9

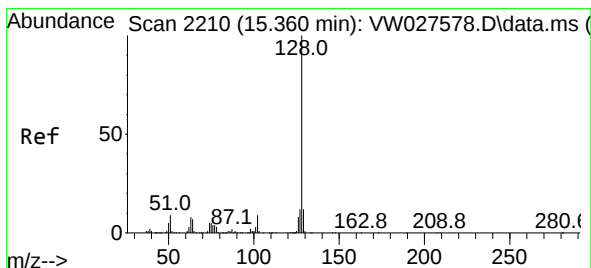
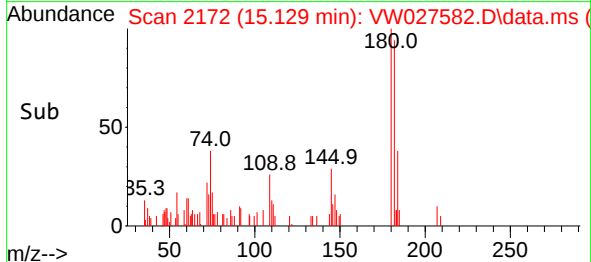
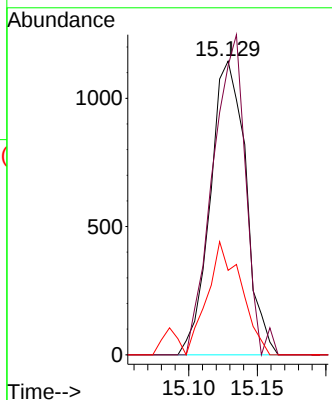
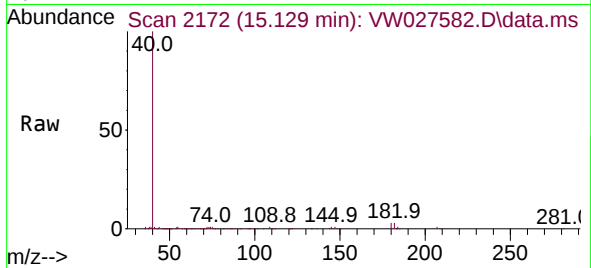




#70
1,2,4-trichlorobenzene
Concen: 0.687 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

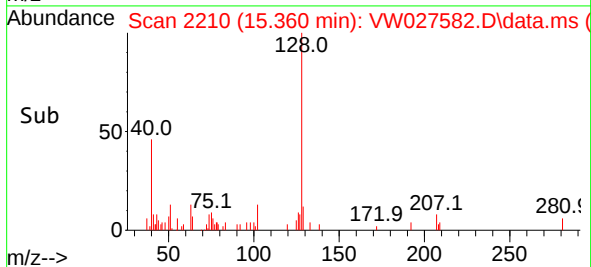
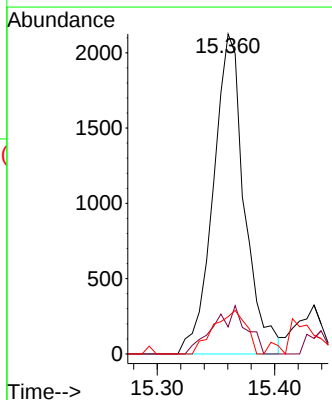
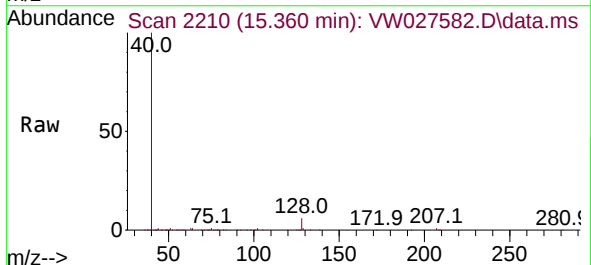
Instrument :
MSVOA_W
ClientSampleId :

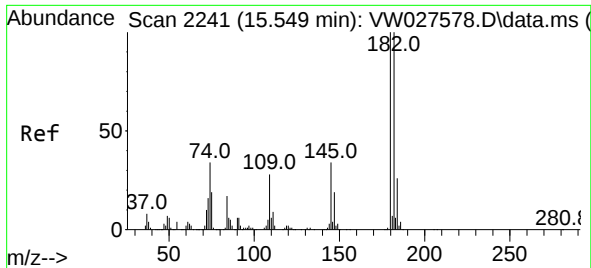
Tgt Ion:180 Resp: 2068
Ion Ratio Lower Upper
180 100
182 98.3 78.7 118.1
145 36.7 26.8 40.2



#71
Naphthalene
Concen: 0.619 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027582.D
Acq: 08 Dec 2023 10:09

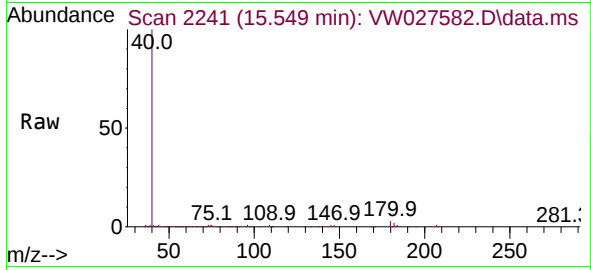
Tgt Ion:128 Resp: 3919
Ion Ratio Lower Upper
128 100
127 2.6 10.3 15.5#
129 14.2 8.6 12.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.699 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027582.D
 Acq: 08 Dec 2023 10:09

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	1803
Ion Ratio	Lower	Upper	
180	100		
182	93.0	72.4	108.6
145	15.8	27.4	41.0#

