

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121223\
 Data File : VW027585.D
 Acq On : 12 Dec 2023 08:57
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 13 03:47:22 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	224523	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	192556	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	94554	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	95666	21.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.680%
7) Chloroethane-d5	2.899	69	75938	23.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.720%
11) 1,1-Dichloroethene-d2	4.027	65	43129	22.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.240%
21) 2-Butanone-d5	7.081	46	42671	36.042	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.080%
24) Chloroform-d	7.654	84	162651	24.270	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	8.307	65	74841	21.838	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.360%
32) Benzene-d6	8.276	84	333671	24.603	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	9.276	67	97451	24.374	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	10.325	98	292914	24.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.760%
43) trans-1,3-Dichloroprop...	10.581	79	33993	21.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.960%
47) 2-Hexanone-d5	10.922	63	28113	37.739	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	67958	20.665	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	79556	24.003	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	69107	22.988	ug/L	94
3) Chloromethane	2.229	50	84021	22.820	ug/L	97
5) Vinyl chloride	2.375	62	101739	23.689	ug/L	98
6) Bromomethane	2.802	94	53639	23.798	ug/L	99
8) Chloroethane	2.936	64	60585	24.699	ug/L	96
9) Trichlorofluoromethane	3.283	101	107448	26.122	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	85877	24.484	ug/L #	84
12) 1,1-Dichloroethene	4.051	96	78496	24.511	ug/L	90
13) Acetone	4.118	43	39824	34.892	ug/L	98
14) Carbon disulfide	4.393	76	215449	22.262	ug/L	100
15) Methyl Acetate	4.673	43	32621	16.354	ug/L	100
16) Methylene chloride	4.929	84	76664	20.939	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	78915	23.898	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	121434	22.798	ug/L	98
19) 1,1-Dichloroethane	6.228	63	167175	24.894	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	86488	24.388	ug/L	98
22) 2-Butanone	7.173	43	47786	32.454	ug/L	98
23) Bromochloromethane	7.520	128	32098	23.012	ug/L	96
25) Chloroform	7.679	83	150511	24.684	ug/L	98

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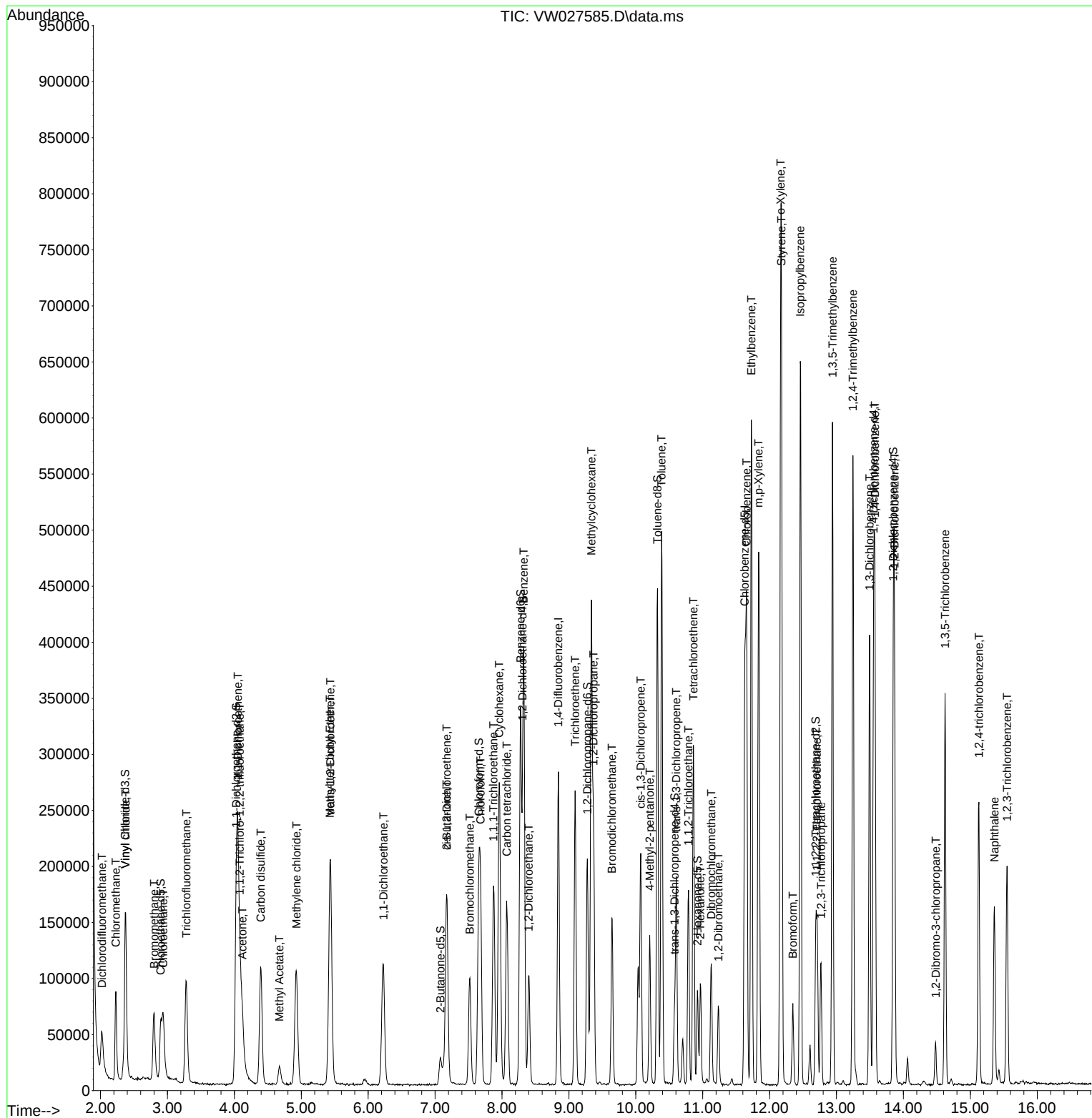
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	88603	22.483	ug/L	100
29) Cyclohexane	7.959	56	159477	25.192	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	143213	26.662	ug/L	100
31) Carbon tetrachloride	8.069	117	123165	26.289	ug/L	98
33) Benzene	8.325	78	339337	25.533	ug/L	100
34) Trichloroethene	9.093	95	91943	25.328	ug/L	95
35) Methylcyclohexane	9.337	83	162735	25.177	ug/L	100
37) 1,2-Dichloropropane	9.368	63	86315	24.599	ug/L	100
38) Bromodichloromethane	9.642	83	101200	24.948	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	121890	24.064	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	89730	37.832	ug/L	100
42) Toluene	10.386	91	360391	25.639	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	97304	23.813	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	53694	21.972	ug/L	99
46) Tetrachloroethene	10.861	164	63573	24.566	ug/L	92
48) 2-Hexanone	10.965	43	61189	36.606	ug/L	100
49) Dibromochloromethane	11.129	129	57174	23.669	ug/L	96
50) 1,2-Dibromoethane	11.233	107	48293	21.601	ug/L	97
51) Chlorobenzene	11.654	112	206419	24.341	ug/L	98
52) Ethylbenzene	11.727	91	412637	25.843	ug/L	92
53) m,p-Xylene	11.837	106	148180	25.186	ug/L	97
54) o-Xylene	12.166	106	137475	25.708	ug/L	95
55) Styrene	12.178	104	232912	25.519	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	65069	20.454	ug/L	97
59) Bromoform	12.349	173	30289	22.872	ug/L	97
60) Isopropylbenzene	12.458	105	417968	26.773	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	46596	20.431	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	303141	26.253	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	296006	25.740	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	153588	25.684	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	147966	24.807	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	131606	24.428	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	10811	19.708	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	102981	25.610	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	75547	24.193	ug/L	98
71) Naphthalene	15.360	128	133972	20.398	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	61783	23.097	ug/L	98

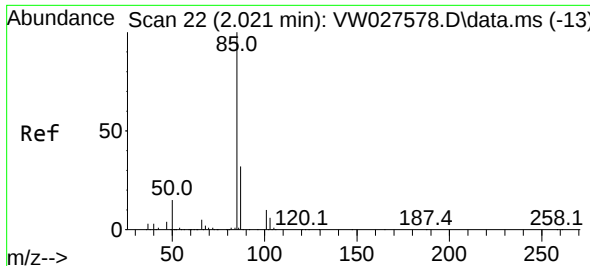
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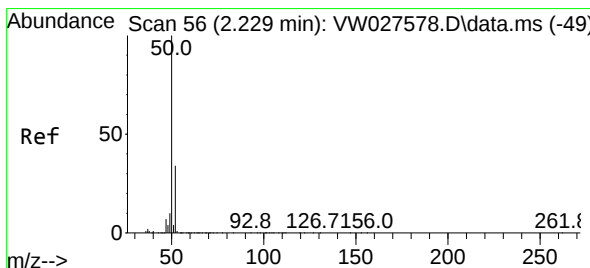
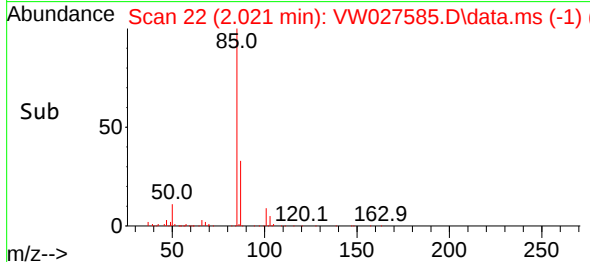
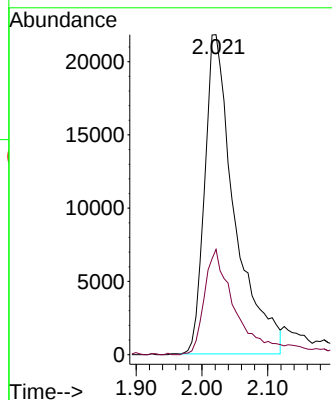
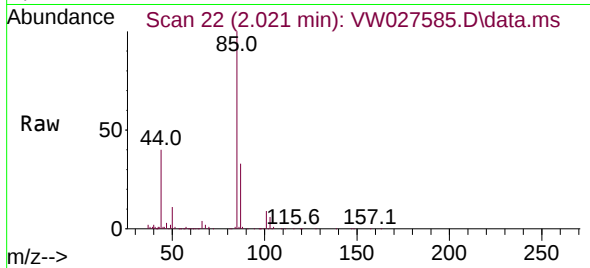




#2
 Dichlorodifluoromethane
 Concen: 22.988 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027585.D
 Acq: 12 Dec 2023 08:57

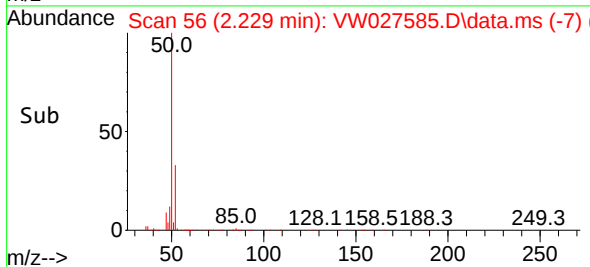
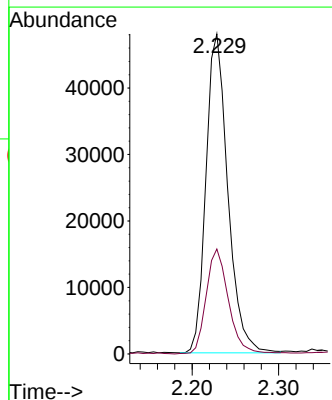
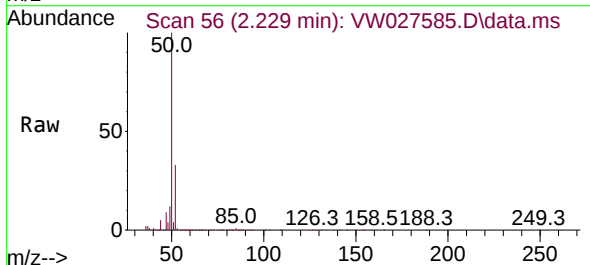
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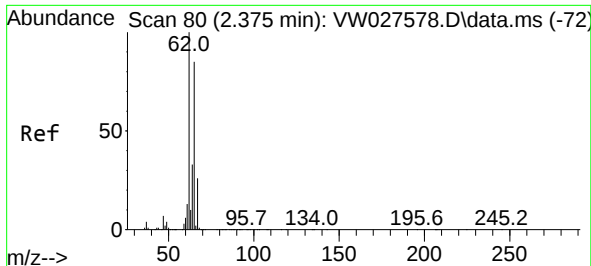
Tgt Ion: 85 Resp: 69107
 Ion Ratio Lower Upper
 85 100
 87 33.5 24.0 36.0



#3
 Chloromethane
 Concen: 22.820 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW027585.D
 Acq: 12 Dec 2023 08:57

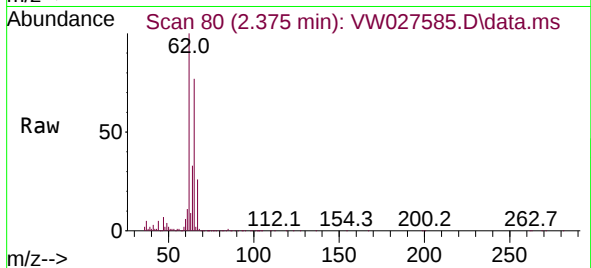
Tgt Ion: 50 Resp: 84021
 Ion Ratio Lower Upper
 50 100
 52 32.8 21.8 40.6



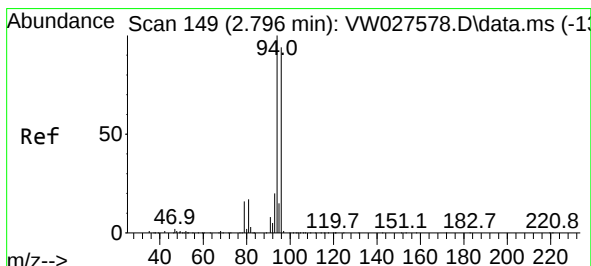
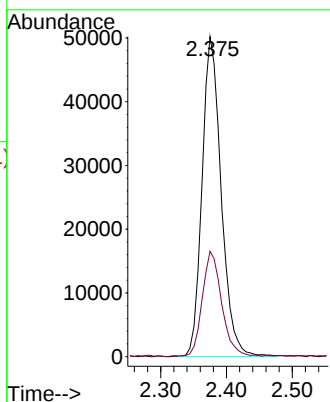
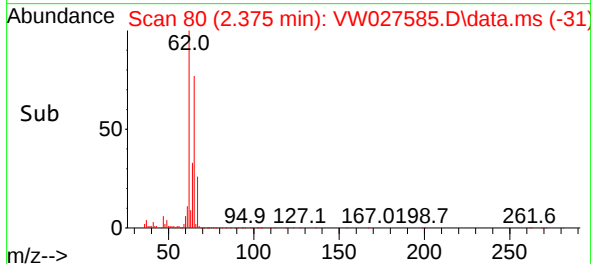


#5
 Vinyl chloride
 Concen: 23.689 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027585.D
 Acq: 12 Dec 2023 08:57

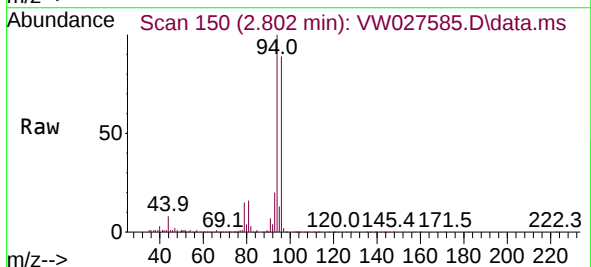
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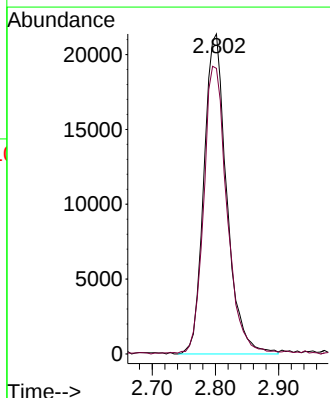
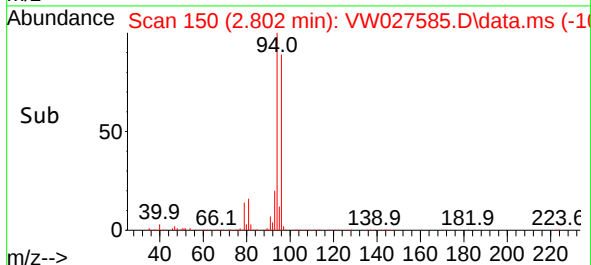
Tgt Ion: 62 Resp: 101739
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.2 41.2

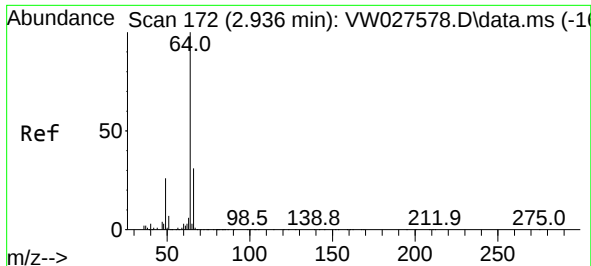


#6
 Bromomethane
 Concen: 23.798 ug/L
 RT: 2.802 min Scan# 150
 Delta R.T. 0.006 min
 Lab File: VW027585.D
 Acq: 12 Dec 2023 08:57



Tgt Ion: 94 Resp: 53639
 Ion Ratio Lower Upper
 94 100
 96 89.3 63.3 117.7

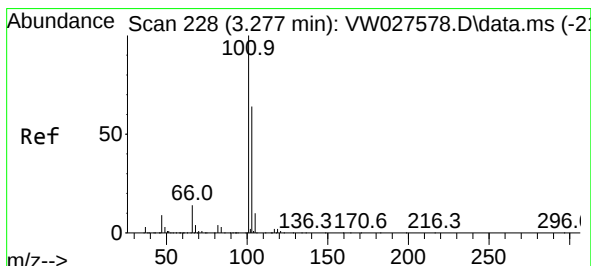
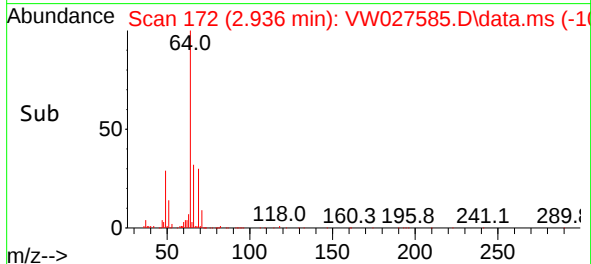
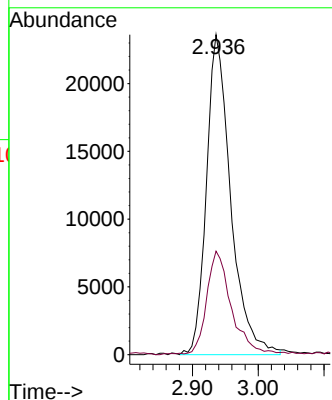
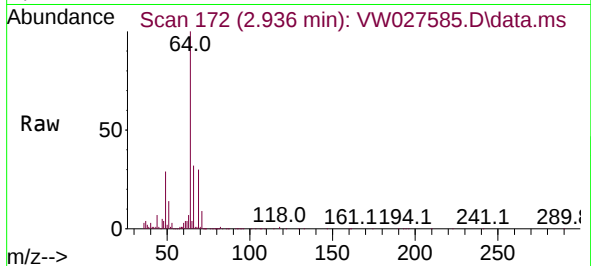




#8
Chloroethane
Concen: 24.699 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

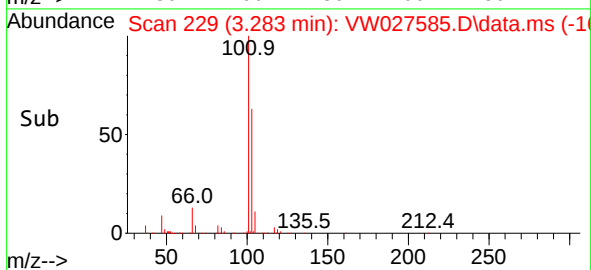
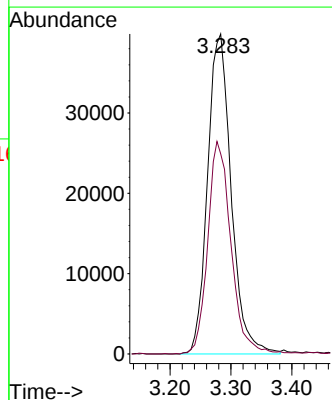
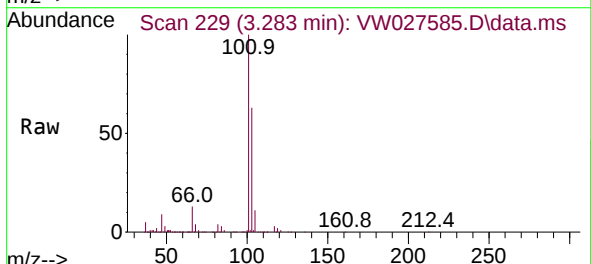
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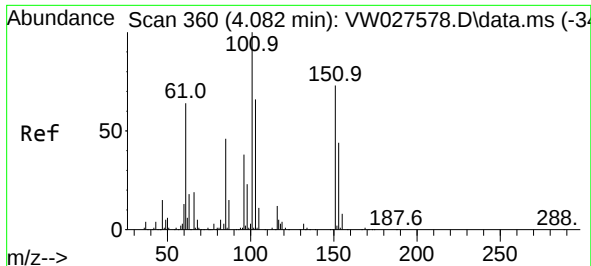
Tgt Ion: 64 Resp: 60585
Ion Ratio Lower Upper
64 100
66 32.4 24.1 44.7



#9
Trichlorofluoromethane
Concen: 26.122 ug/L
RT: 3.283 min Scan# 229
Delta R.T. 0.006 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Tgt Ion: 101 Resp: 107448
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

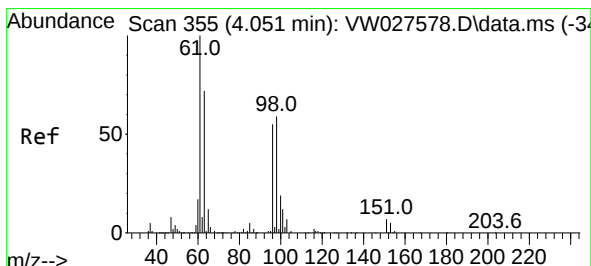
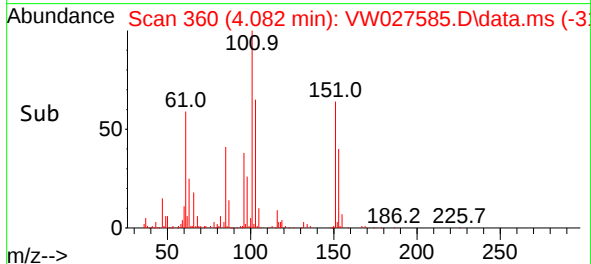
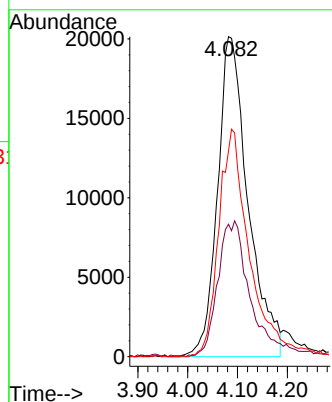
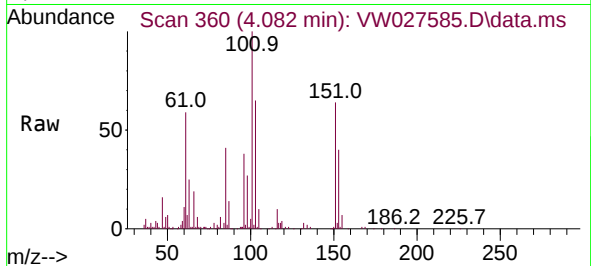




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.484 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: VW027585.D
 Acq: 12 Dec 2023 08:57

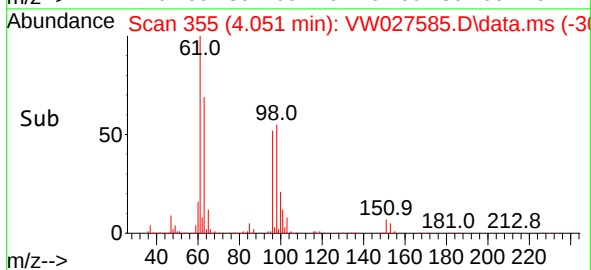
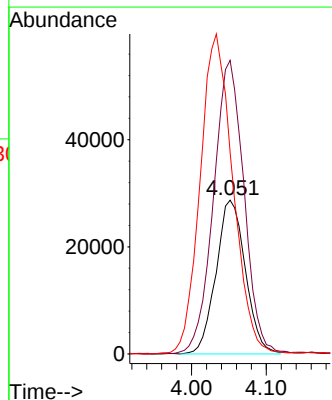
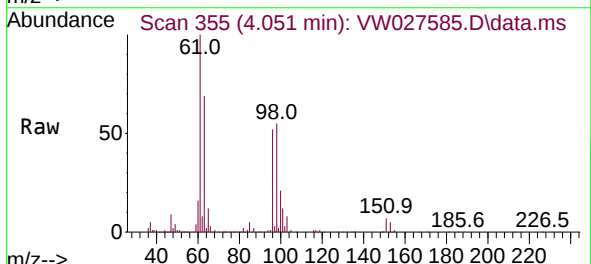
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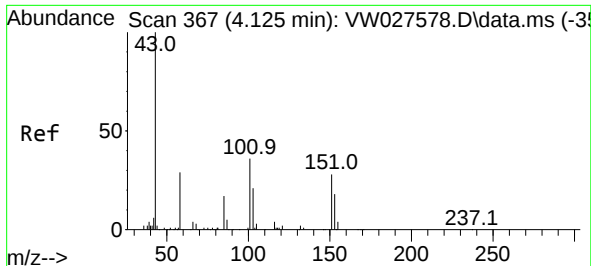
Tgt Ion:101 Resp: 85877
 Ion Ratio Lower Upper
 101 100
 85 20.2 33.9 50.9#
 151 71.6 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 24.511 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW027585.D
 Acq: 12 Dec 2023 08:57

Tgt Ion: 96 Resp: 78496
 Ion Ratio Lower Upper
 96 100
 61 191.0 127.8 237.4
 63 131.1 104.9 194.7

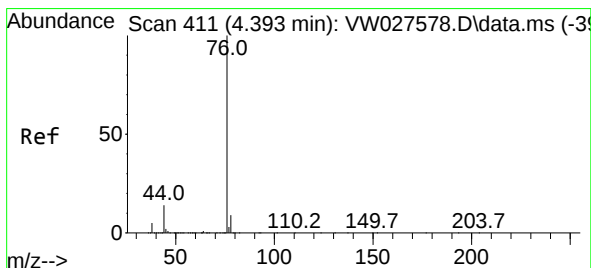
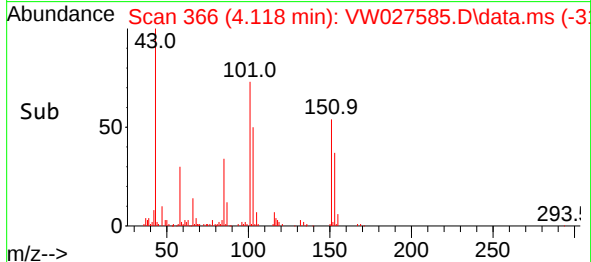
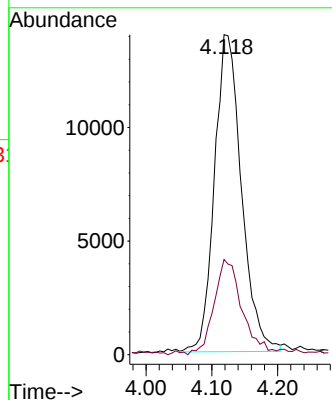
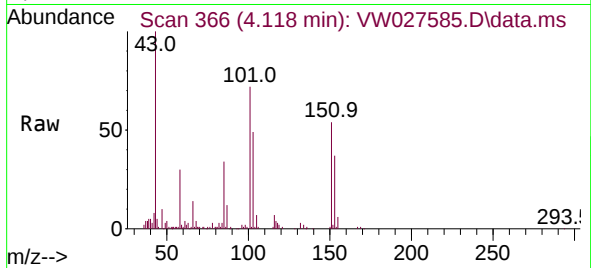




#13
Acetone
Concen: 34.892 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW027585.D
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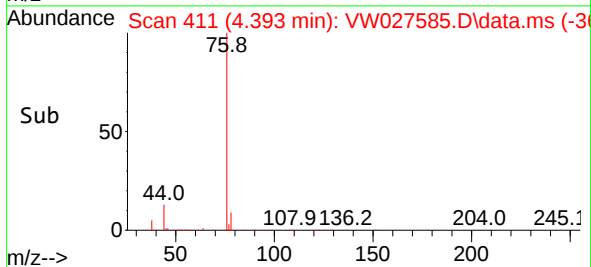
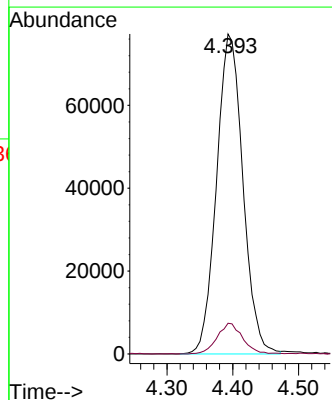
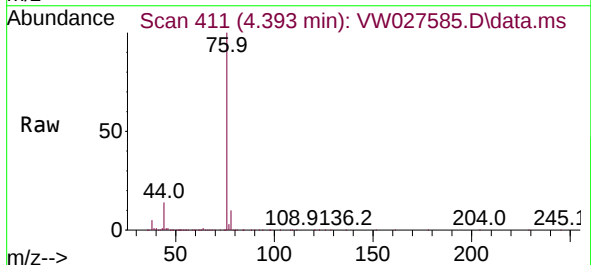
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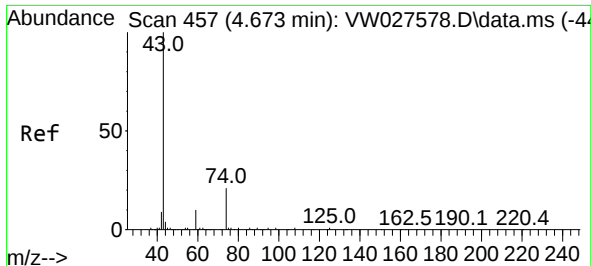
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Ion Ratio Lower Upper
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58 30.8 0.0 60.0



#14
Carbon disulfide
Concen: 22.262 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Tgt Ion: 76 Resp: 215449
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.6

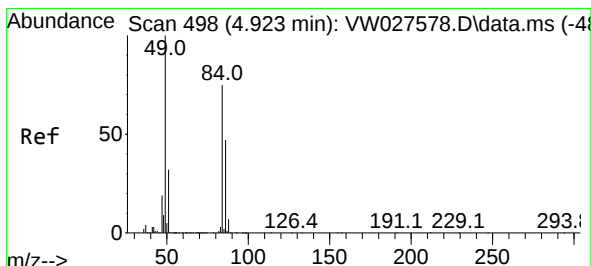
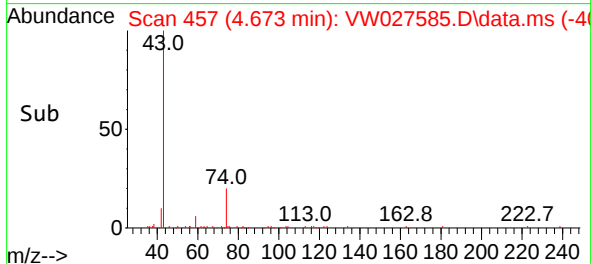
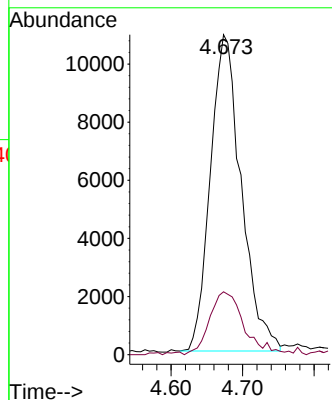
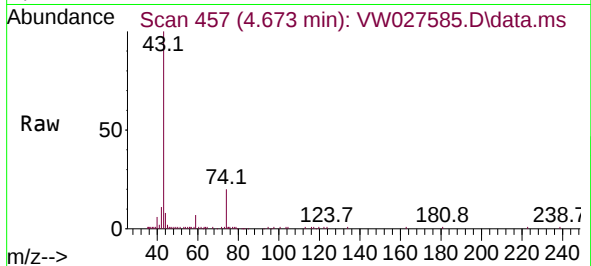




#15
Methyl Acetate
Concen: 16.354 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

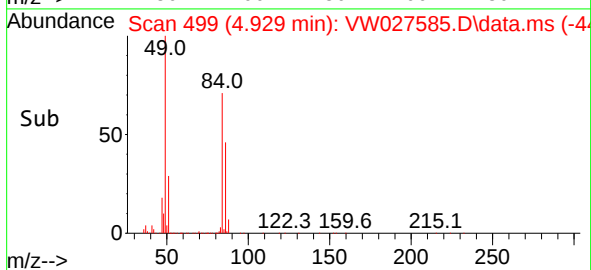
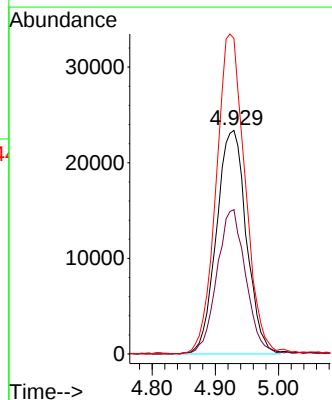
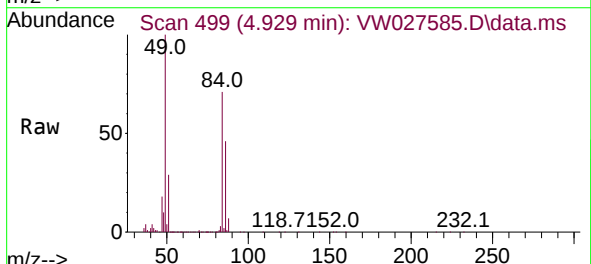
Instrument :
MSVOA_W
ClientSampleId :

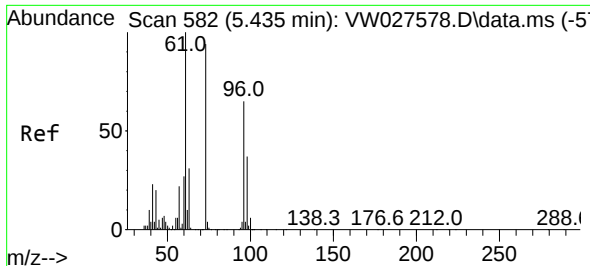
Tgt Ion: 43 Resp: 32621
Ion Ratio Lower Upper
43 100
74 20.9 16.8 25.2



#16
Methylene chloride
Concen: 20.939 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Tgt Ion: 84 Resp: 76664
Ion Ratio Lower Upper
84 100
86 64.6 47.7 88.7
49 141.1 97.4 181.0

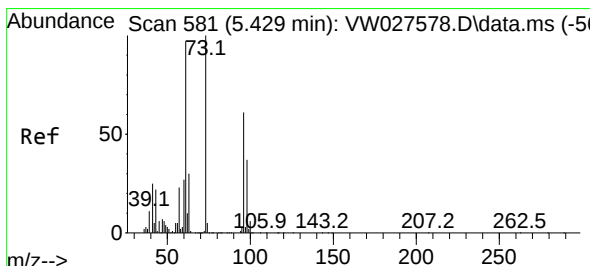
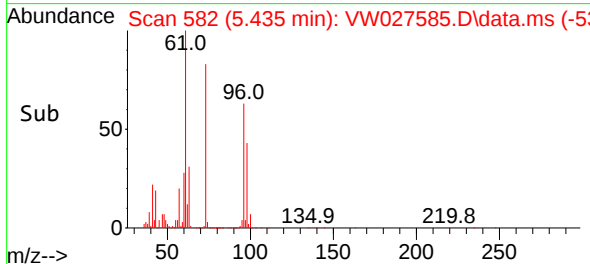
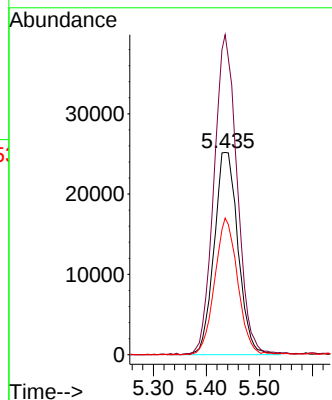
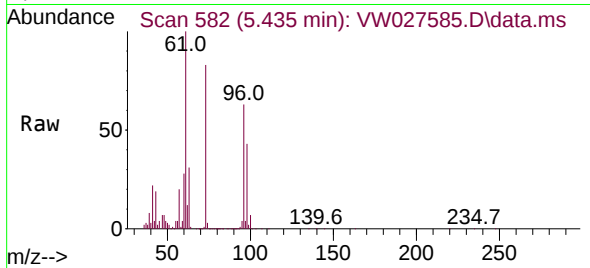




#17
trans-1,2-Dichloroethene
Concen: 23.898 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

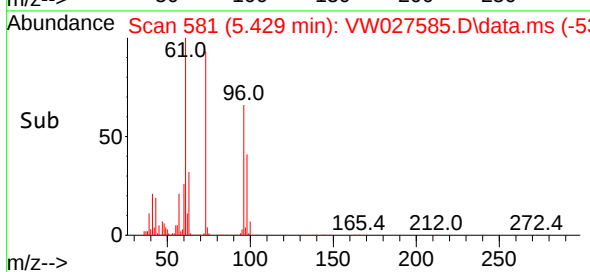
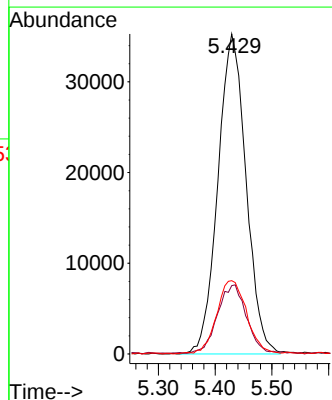
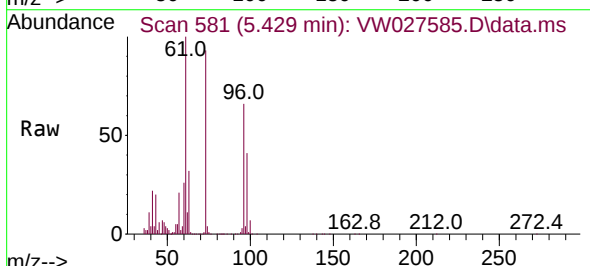
Instrument :
MSVOA_W
ClientSampleId :

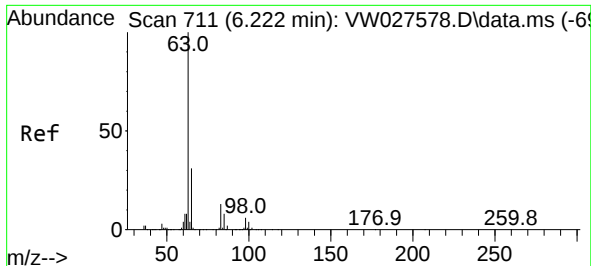
Tgt Ion: 96 Resp: 78915
Ion Ratio Lower Upper
96 100
61 158.3 109.6 203.6
98 67.6 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 22.798 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Tgt Ion: 73 Resp: 121434
Ion Ratio Lower Upper
73 100
43 21.7 17.8 26.6
57 23.9 19.9 29.9





#19

1,1-Dichloroethane

Concen: 24.894 ug/L

RT: 6.228 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

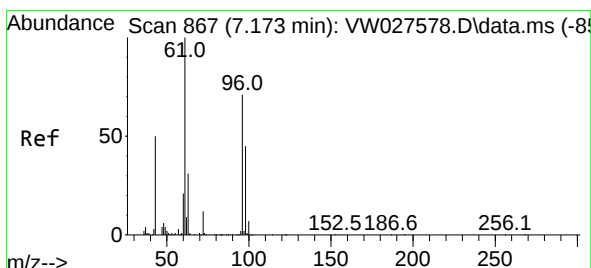
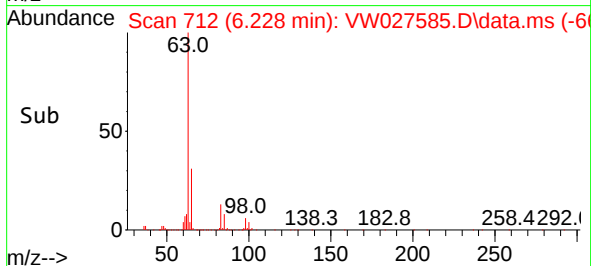
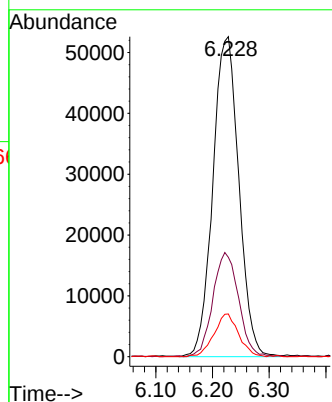
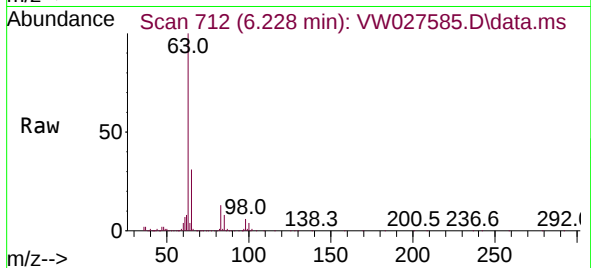
Tgt Ion: 63 Resp: 167175

Ion Ratio Lower Upper

63 100

65 31.0 22.0 40.8

83 13.3 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.388 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

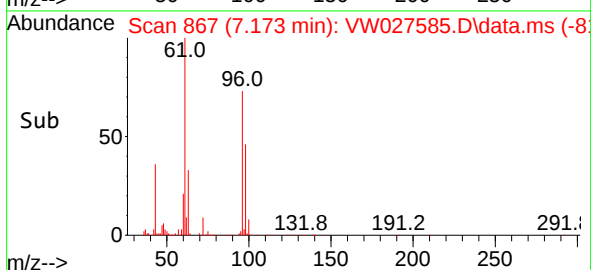
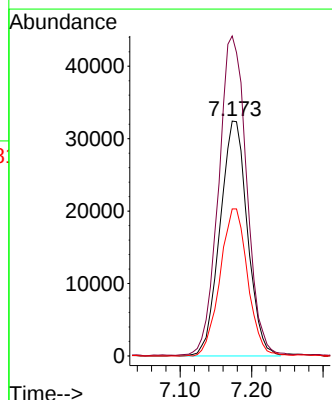
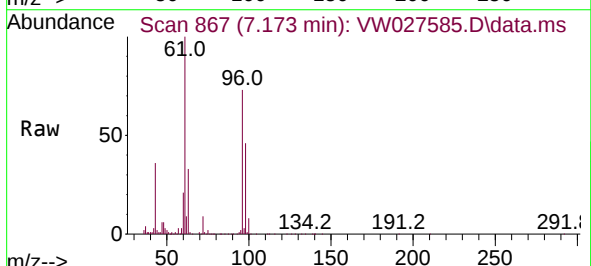
Tgt Ion: 96 Resp: 86488

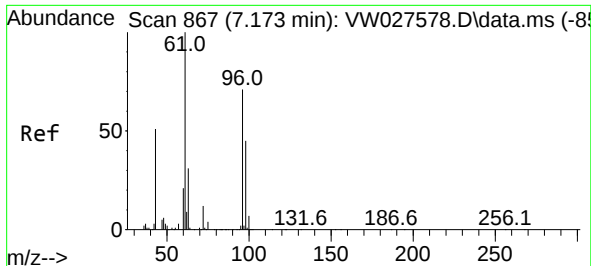
Ion Ratio Lower Upper

96 100

61 136.2 94.0 174.6

98 62.6 45.1 83.7

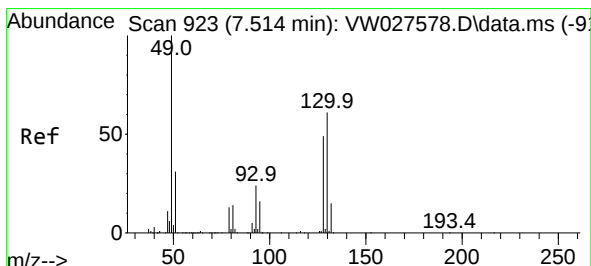
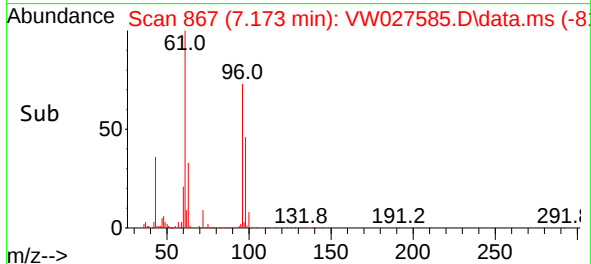
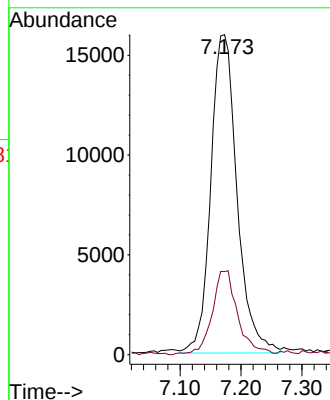
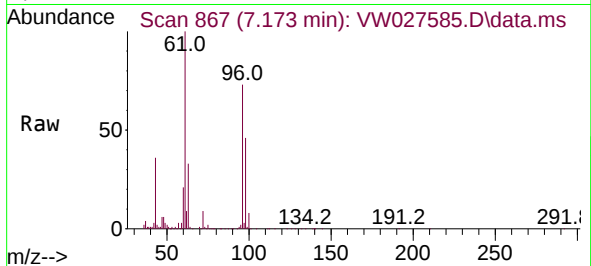




#22
2-Butanone
Concen: 32.454 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

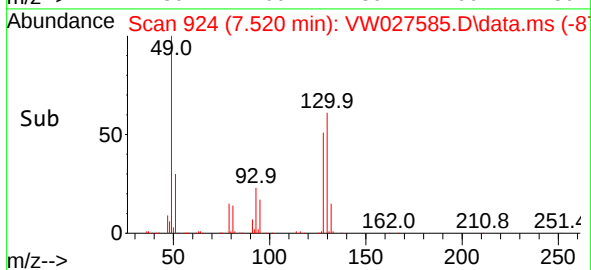
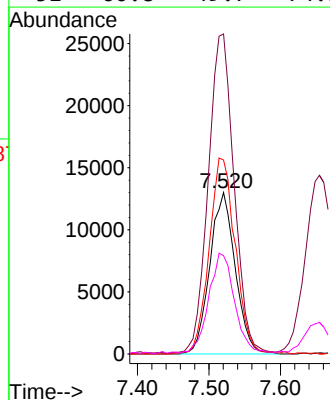
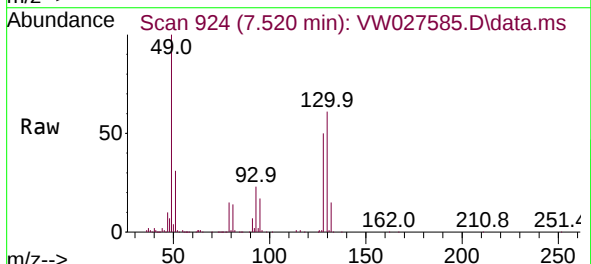
Instrument :
MSVOA_W
ClientSampleId :

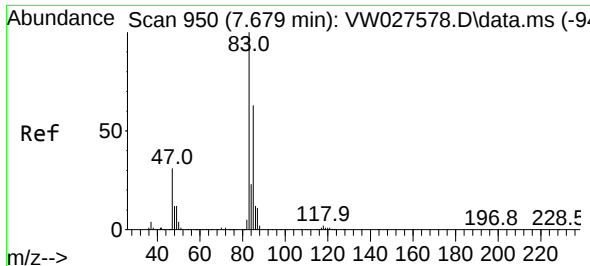
Tgt Ion: 43 Resp: 47786
Ion Ratio Lower Upper
43 100
72 25.0 11.9 35.9



#23
Bromochloromethane
Concen: 23.012 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Tgt Ion: 128 Resp: 32098
Ion Ratio Lower Upper
128 100
49 198.3 137.8 256.0
130 120.1 91.2 169.4
51 60.8 49.7 74.5

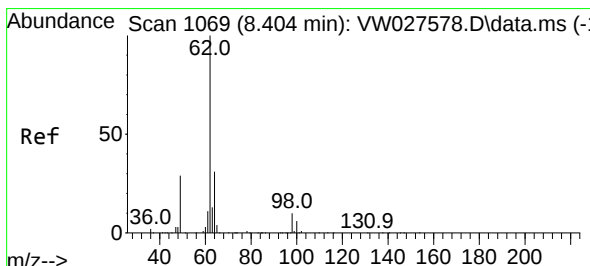
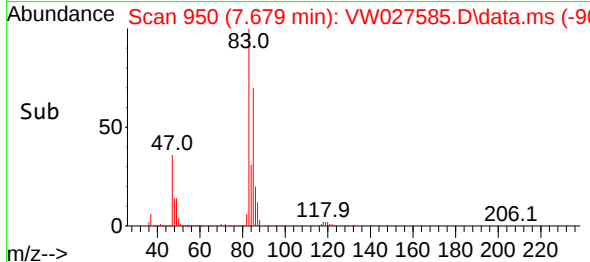
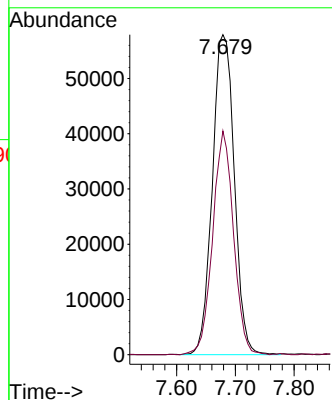
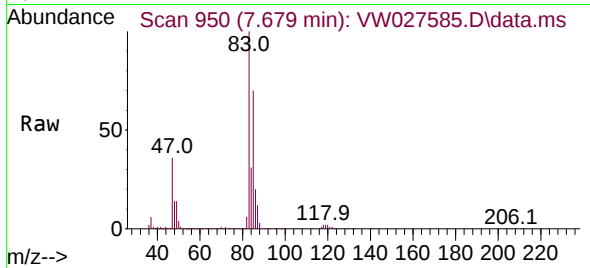




#25
Chloroform
Concen: 24.684 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

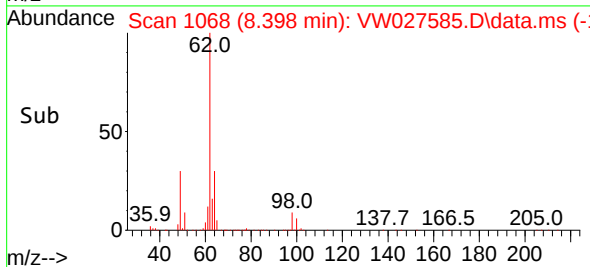
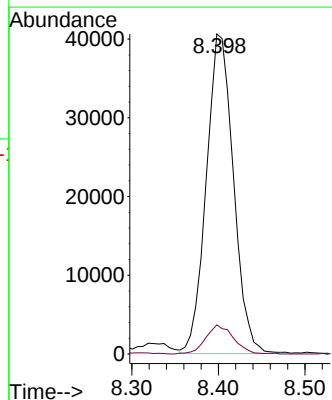
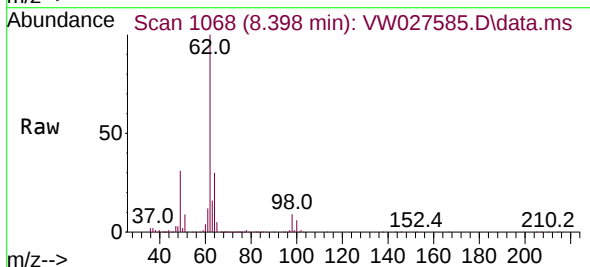
Instrument :
MSVOA_W
ClientSampleId :

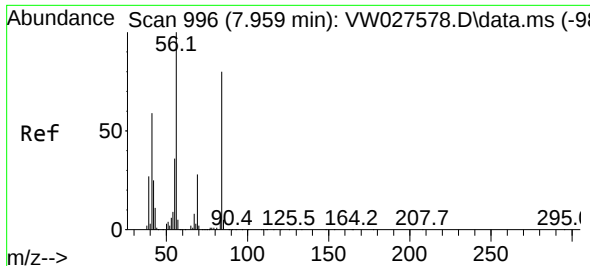
Tgt Ion: 83 Resp: 150511
Ion Ratio Lower Upper
83 100
85 69.9 49.8 92.6



#27
1,2-Dichloroethane
Concen: 22.483 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

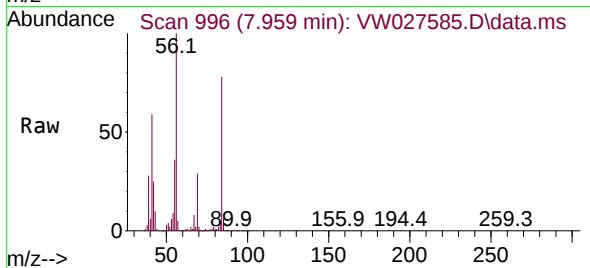
Tgt Ion: 62 Resp: 88603
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0



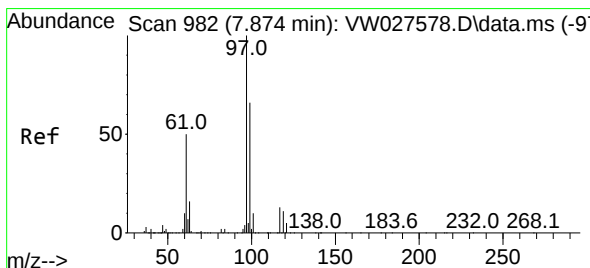
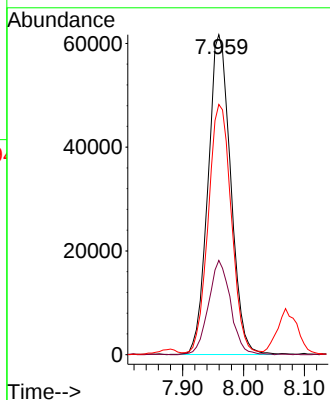
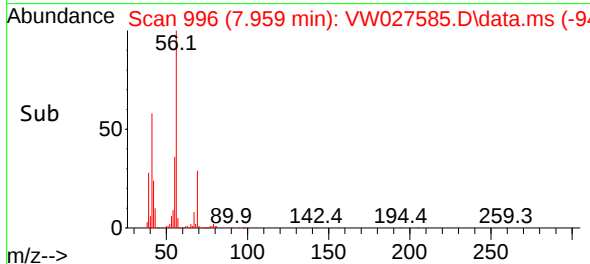


#29
Cyclohexane
Concen: 25.192 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Instrument :
MSVOA_W
ClientSampleId :

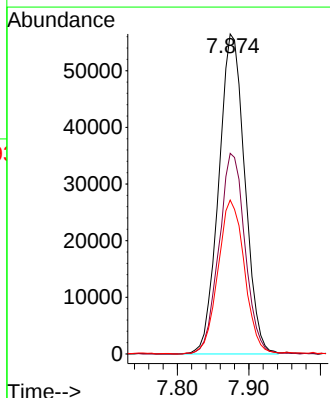
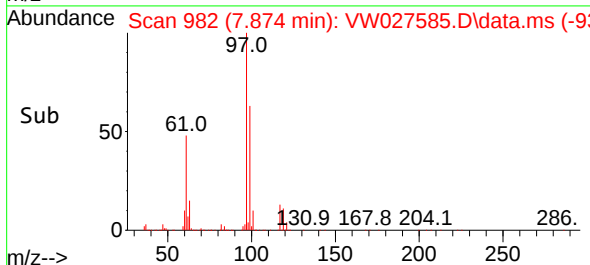
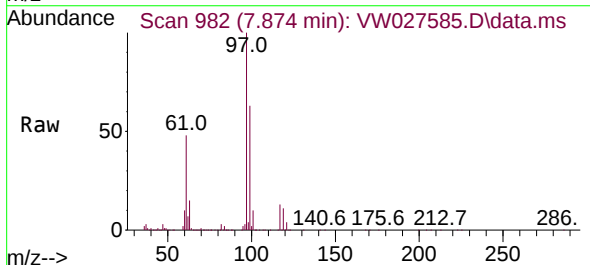


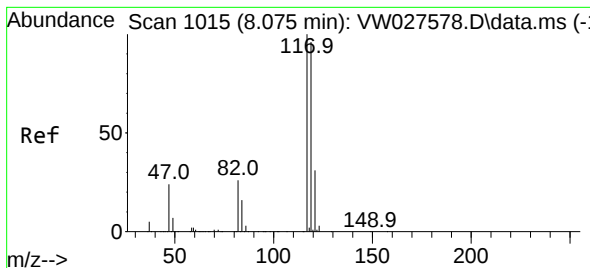
Tgt Ion: 56 Resp: 159477
Ion Ratio Lower Upper
56 100
69 28.7 24.1 36.1
84 80.1 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 26.662 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Tgt Ion: 97 Resp: 143213
Ion Ratio Lower Upper
97 100
99 62.6 50.5 75.7
61 48.8 39.0 58.4





#31

Carbon tetrachloride

Concen: 26.289 ug/L

RT: 8.069 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

Instrument :

MSVOA_W

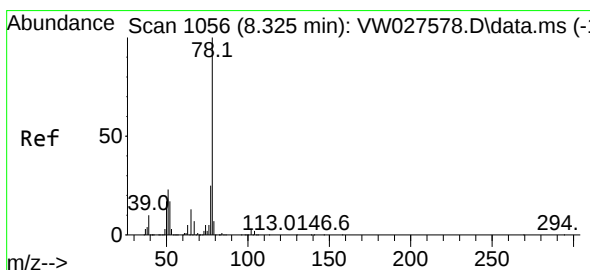
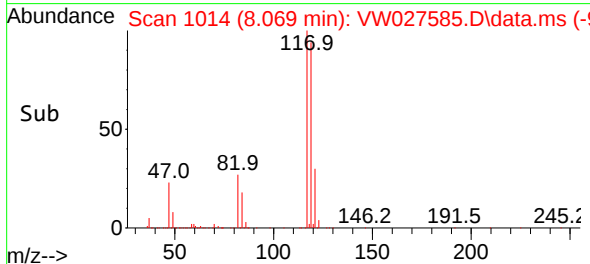
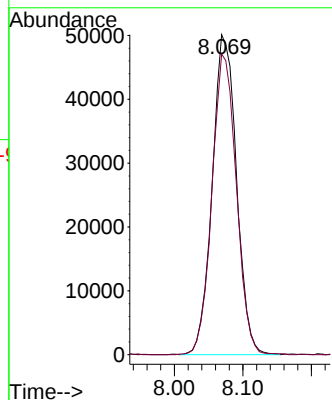
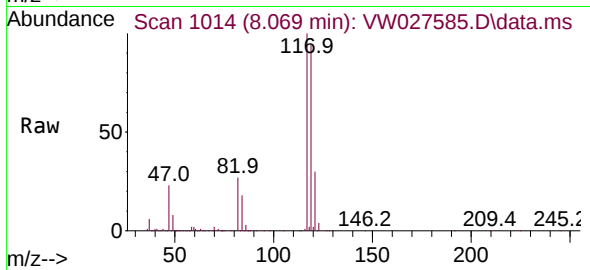
ClientSampleId :

Tgt Ion:117 Resp: 123165

Ion Ratio Lower Upper

117 100

119 94.3 77.0 115.6



#33

Benzene

Concen: 25.533 ug/L

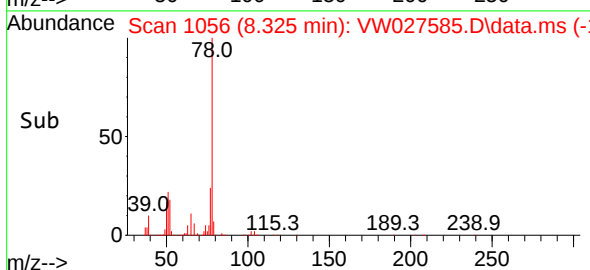
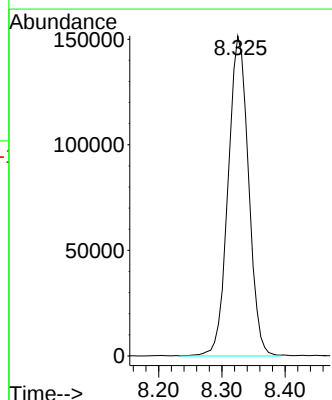
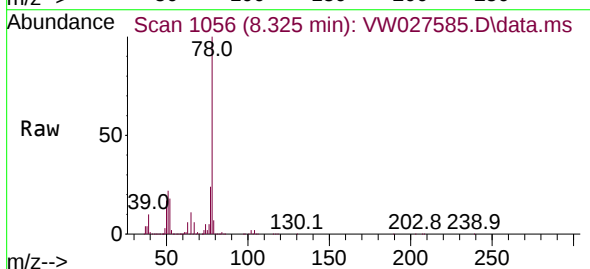
RT: 8.325 min Scan# 1056

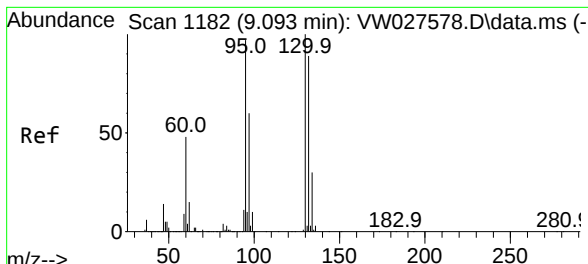
Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

Tgt Ion: 78 Resp: 339337



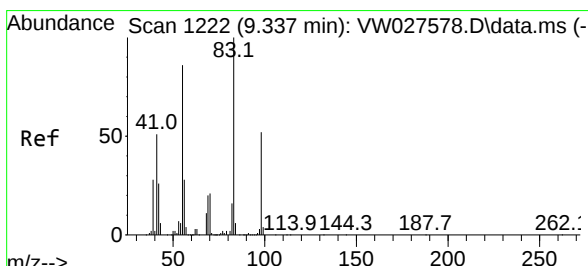
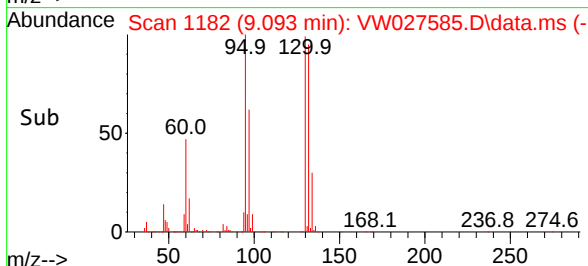
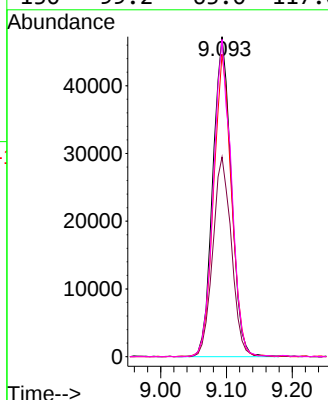
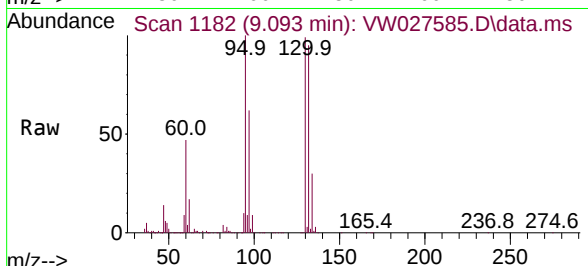


#34
 Trichloroethene
 Concen: 25.328 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: VW027585.D
 Acq: 12 Dec 2023 08:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 95 Resp: 91943

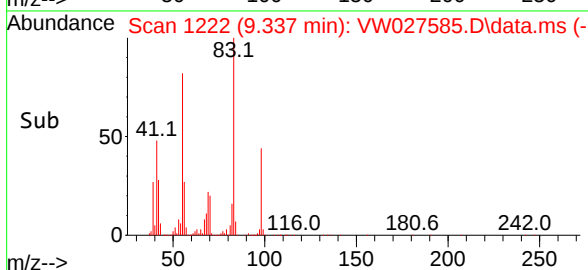
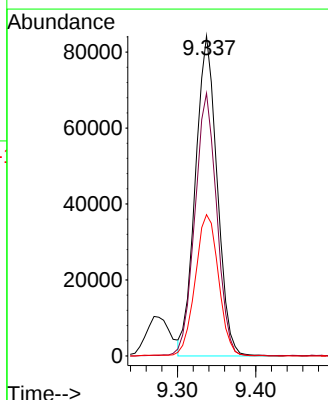
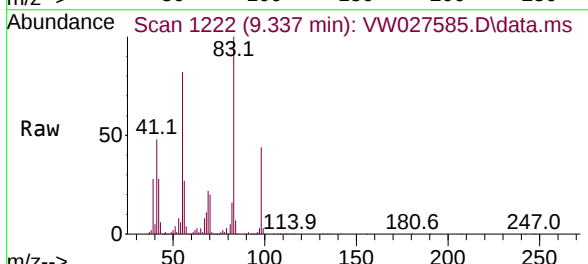
Ion	Ratio	Lower	Upper
95	100		
97	62.4	43.0	80.0
132	94.5	64.1	119.1
130	99.2	63.0	117.0

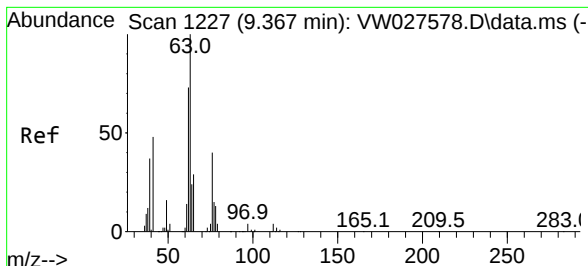


#35
 Methylcyclohexane
 Concen: 25.177 ug/L
 RT: 9.337 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VW027585.D
 Acq: 12 Dec 2023 08:57

Tgt Ion: 83 Resp: 162735

Ion	Ratio	Lower	Upper
83	100		
55	81.8	65.6	98.4
98	47.3	38.3	57.5





#37

1,2-Dichloropropane

Concen: 24.599 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

Instrument :

MSVOA_W

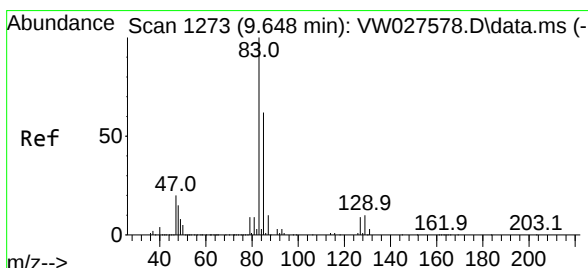
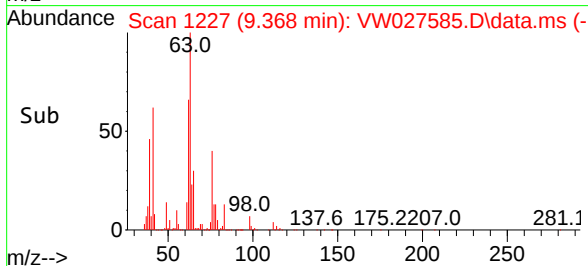
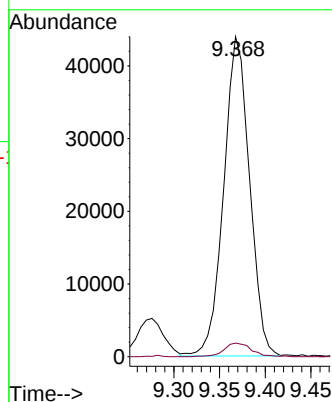
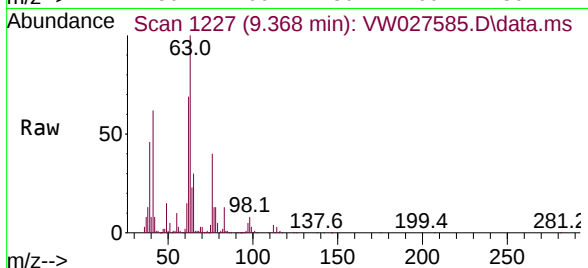
ClientSampleId :

Tgt Ion: 63 Resp: 86315

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 24.948 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

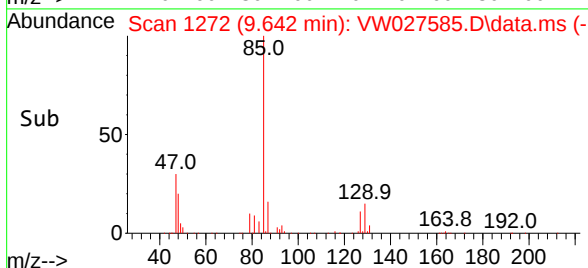
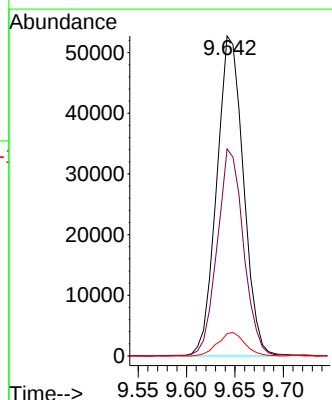
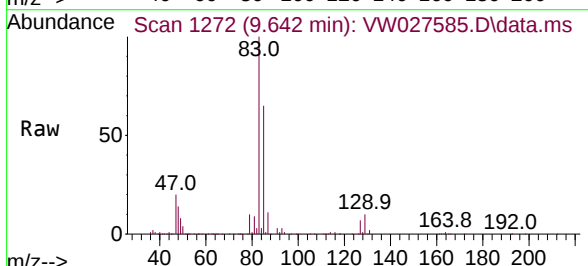
Tgt Ion: 83 Resp: 101200

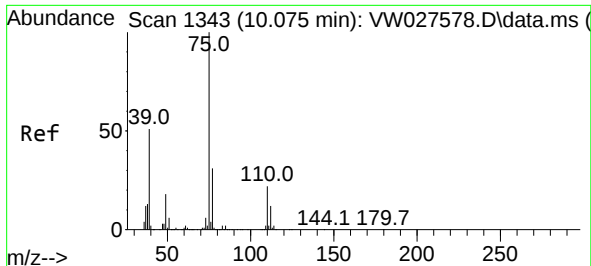
Ion Ratio Lower Upper

83 100

85 64.7 44.3 82.3

127 7.0 5.3 7.9





#39

cis-1,3-Dichloropropene

Concen: 24.064 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

Instrument :

MSVOA_W

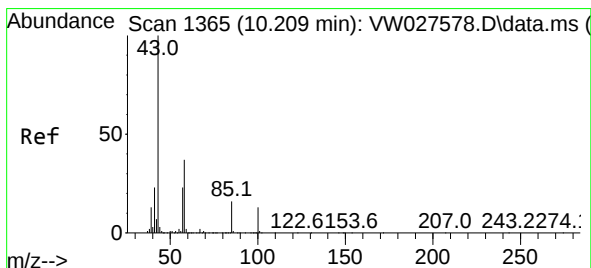
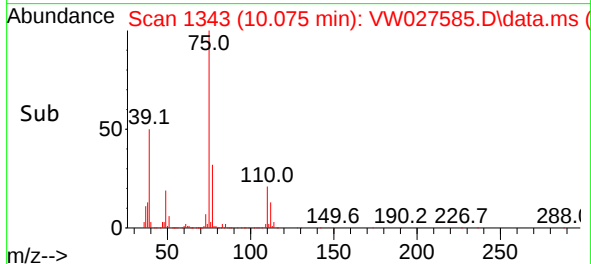
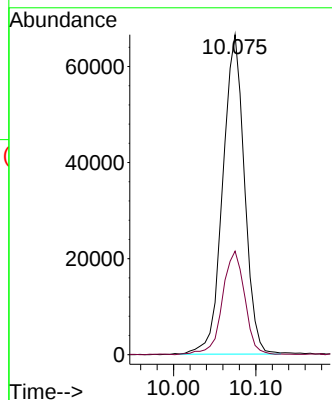
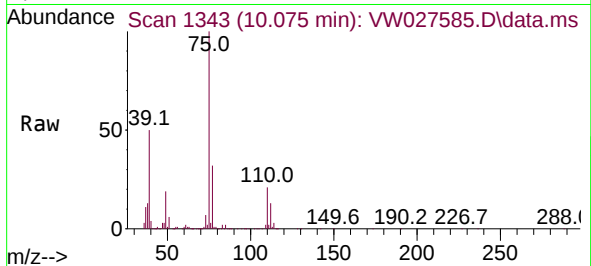
ClientSampleId :

Tgt Ion: 75 Resp: 121890

Ion Ratio Lower Upper

75 100

77 32.3 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 37.832 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

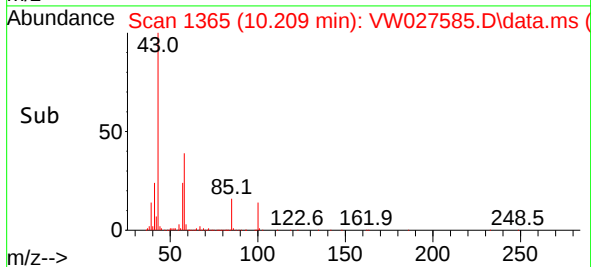
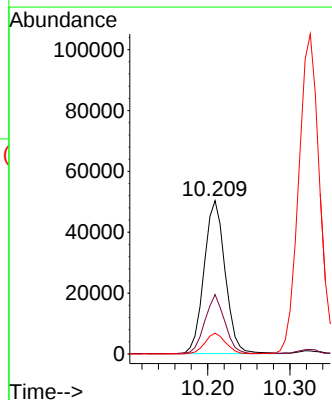
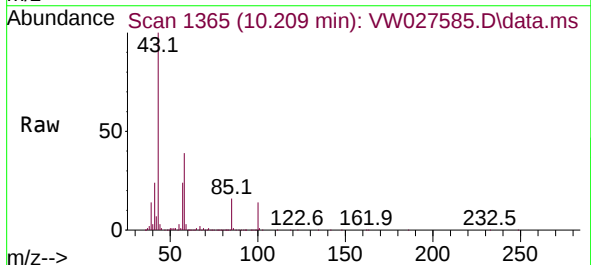
Tgt Ion: 43 Resp: 89730

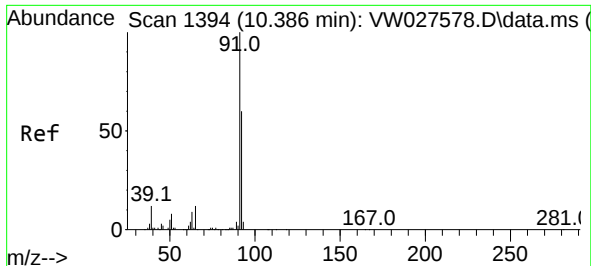
Ion Ratio Lower Upper

43 100

58 37.0 29.6 44.4

100 13.4 11.1 16.7

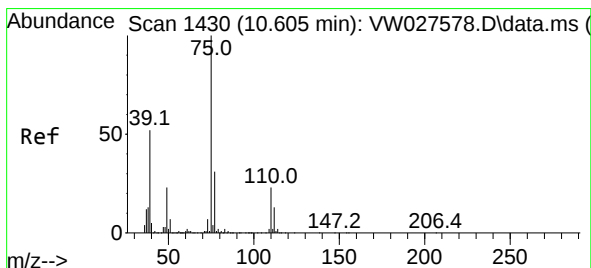
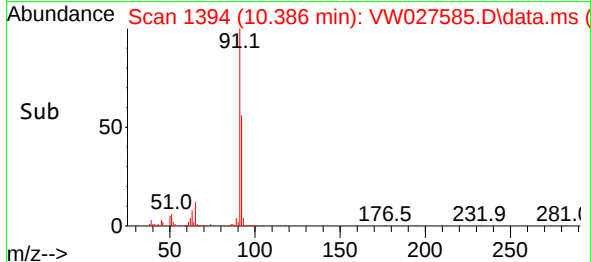
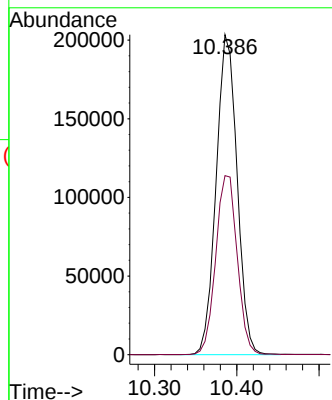
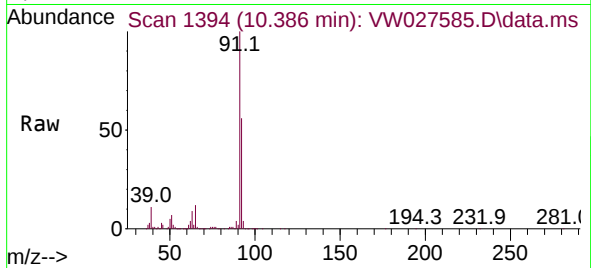




#42
Toluene
Concen: 25.639 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

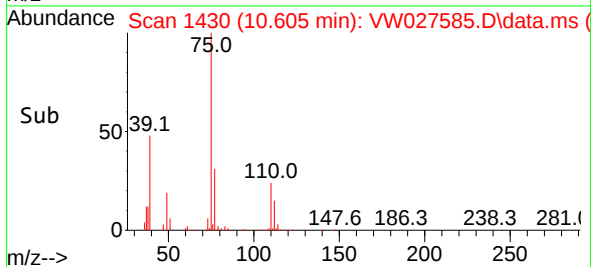
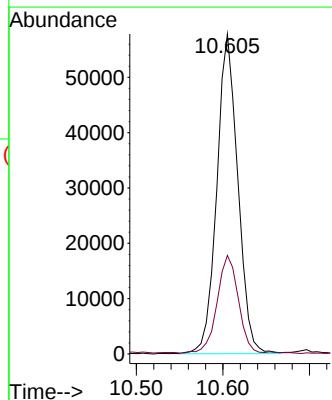
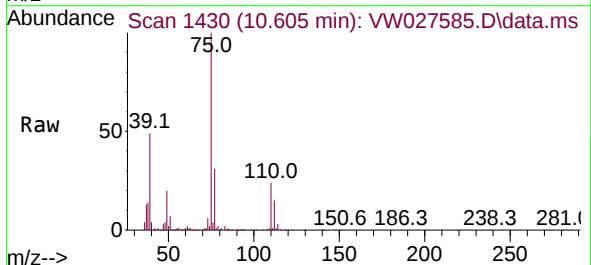
Instrument :
MSVOA_W
ClientSampleId :

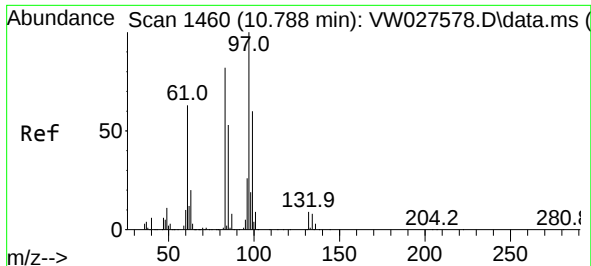
Tgt Ion: 91 Resp: 360391
Ion Ratio Lower Upper
91 100
92 56.0 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 23.813 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

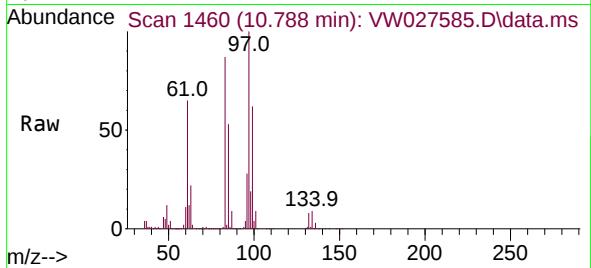
Tgt Ion: 75 Resp: 97304
Ion Ratio Lower Upper
75 100
77 30.8 23.7 44.1



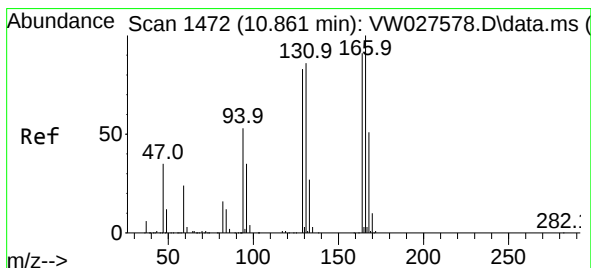
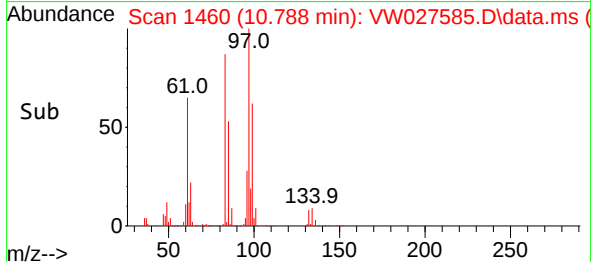
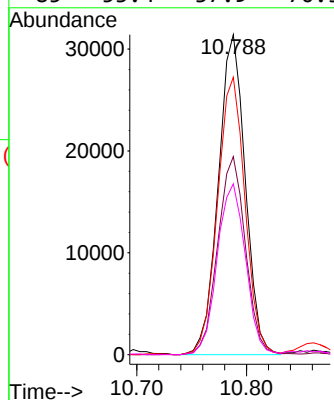


#45
1,1,2-Trichloroethane
Concen: 21.972 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Instrument :
MSVOA_W
ClientSampleId :

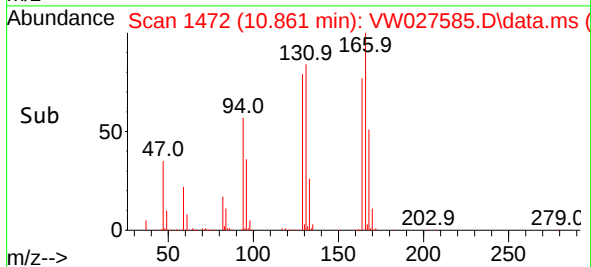
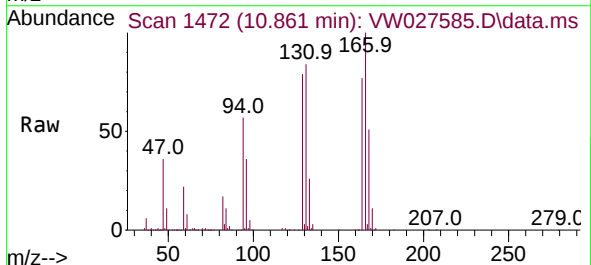
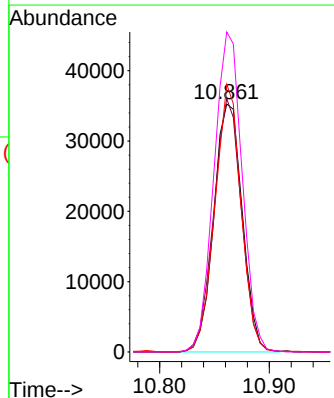


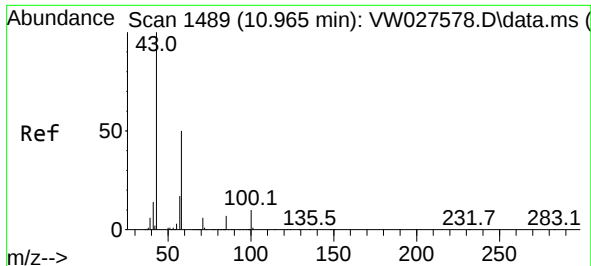
Tgt Ion: 97	Resp: 53694
Ion Ratio	Lower Upper
97 100	
99 61.9	42.8 79.4
83 86.7	59.9 111.3
85 53.4	37.9 70.5



#46
Tetrachloroethene
Concen: 24.566 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Tgt	Ion:164	Resp:	63573
Ion	Ratio	Lower	Upper
164	100		
129	102.2	71.0	131.8
131	108.0	61.2	113.6
166	129.1	86.6	160.8

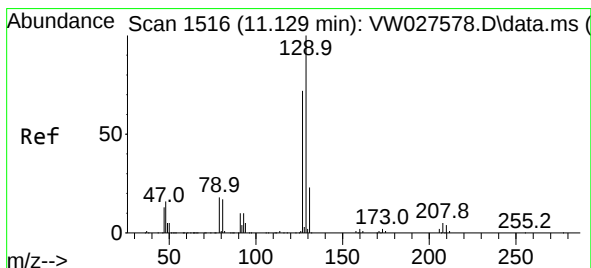
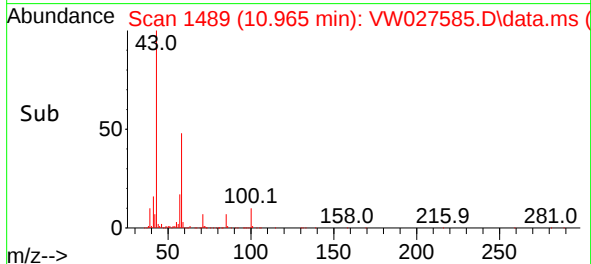
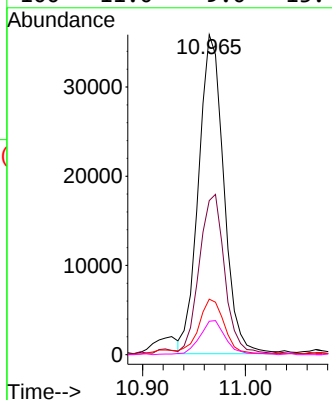
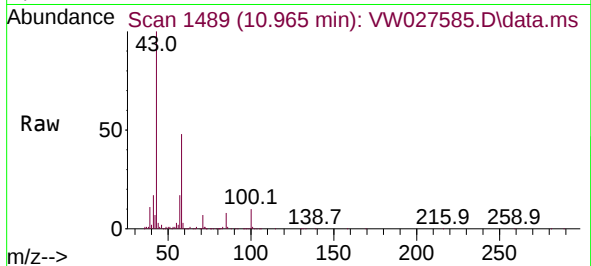




#48
2-Hexanone
Concen: 36.606 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

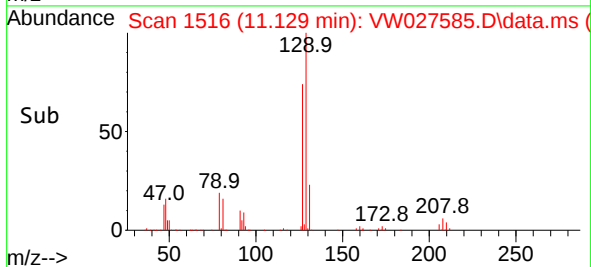
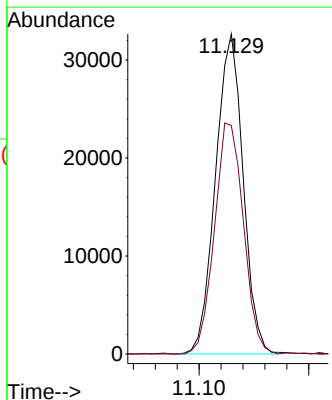
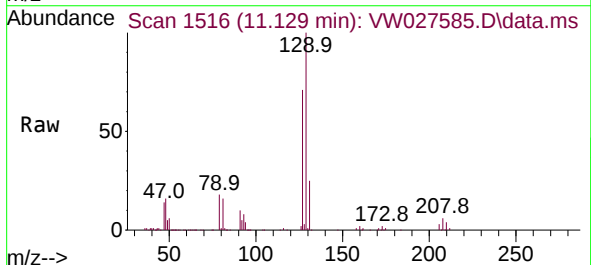
Instrument :
MSVOA_W
ClientSampleId :

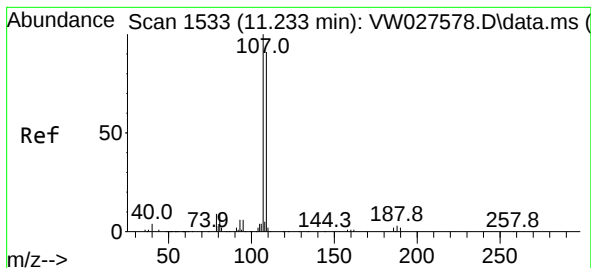
Tgt Ion: 43	Resp: 61189
Ion Ratio	Lower Upper
43 100	
58 50.9	40.8 61.2
57 17.9	14.8 22.2
100 11.0	9.0 13.4



#49
Dibromochloromethane
Concen: 23.669 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Tgt Ion:129	Resp: 57174		
Ion Ratio	Lower	Upper	
129 100			
127 71.4	52.3	97.1	

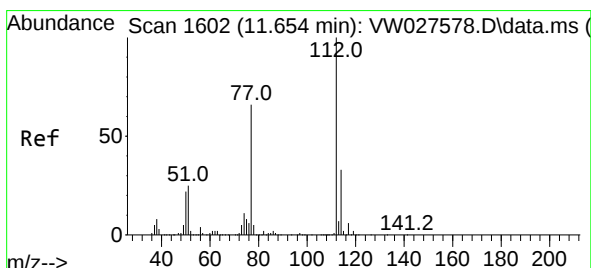
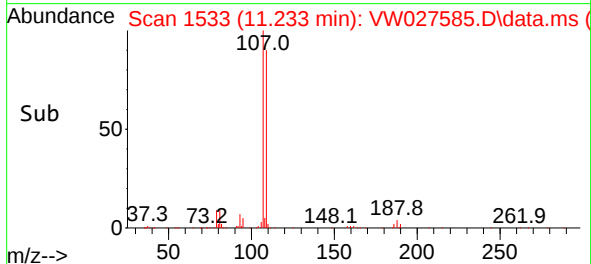
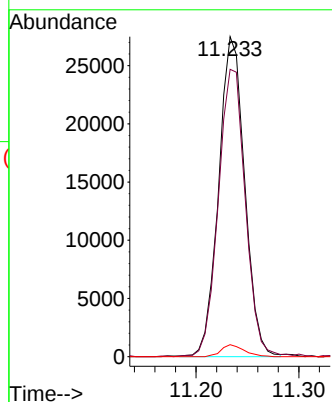
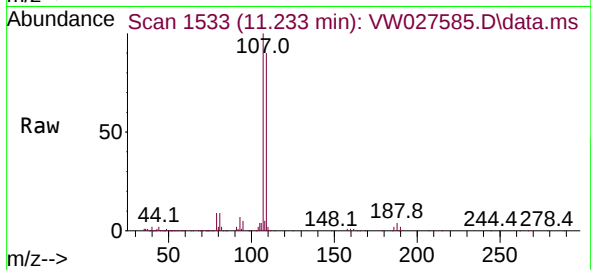




#50
1,2-Dibromoethane
Concen: 21.601 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

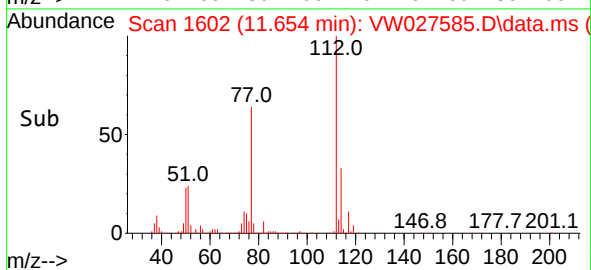
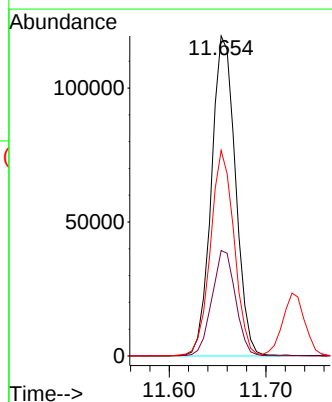
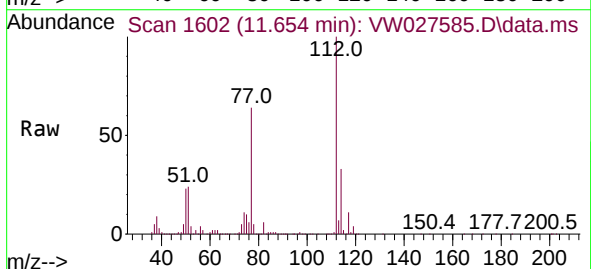
Instrument :
MSVOA_W
ClientSampleId :

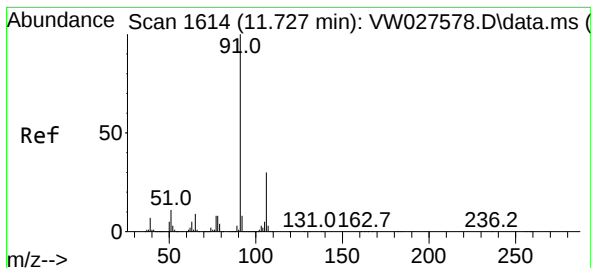
Tgt Ion:107 Resp: 48293
Ion Ratio Lower Upper
107 100
109 89.8 64.8 120.3
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 24.341 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Tgt Ion:112 Resp: 206419
Ion Ratio Lower Upper
112 100
114 33.0 21.5 39.9
77 64.2 50.6 76.0

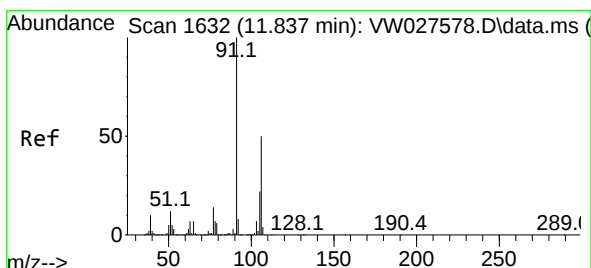
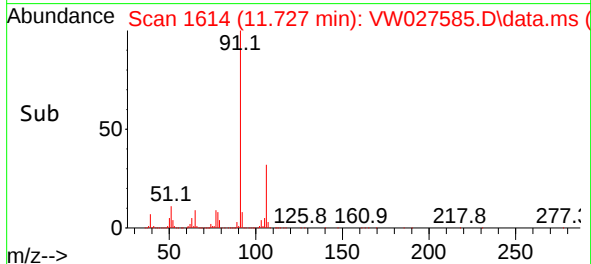
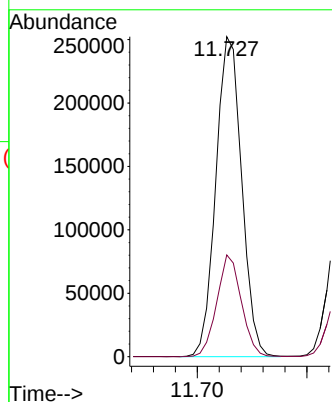
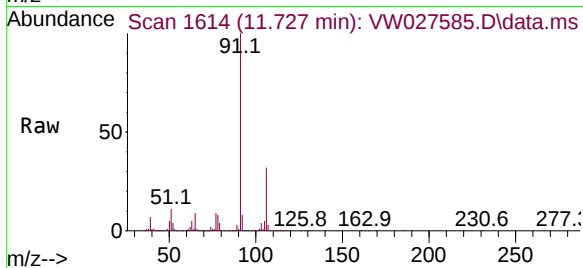




#52
Ethylbenzene
Concen: 25.843 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

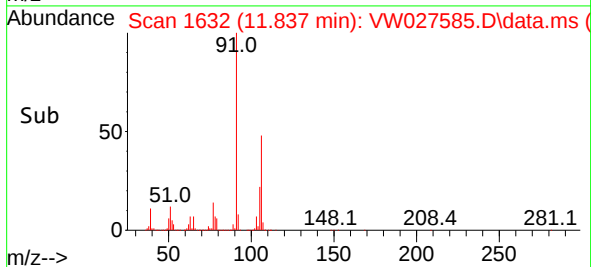
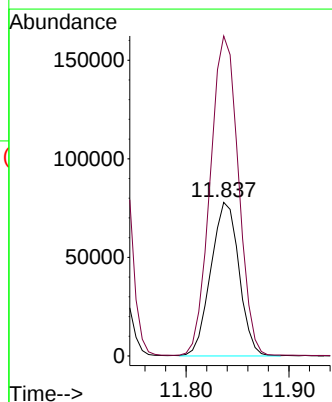
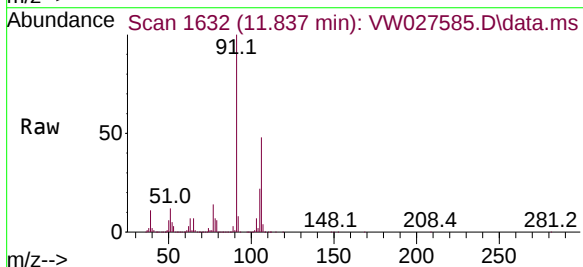
Instrument :
MSVOA_W
ClientSampleId :

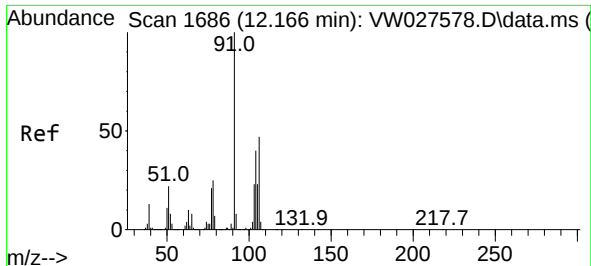
Tgt Ion: 91 Resp: 412637
Ion Ratio Lower Upper
91 100
106 31.8 19.5 36.1



#53
m,p-Xylene
Concen: 25.186 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Tgt Ion: 106 Resp: 148180
Ion Ratio Lower Upper
106 100
91 208.3 142.1 263.9

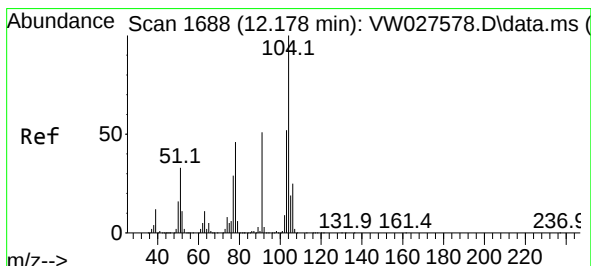
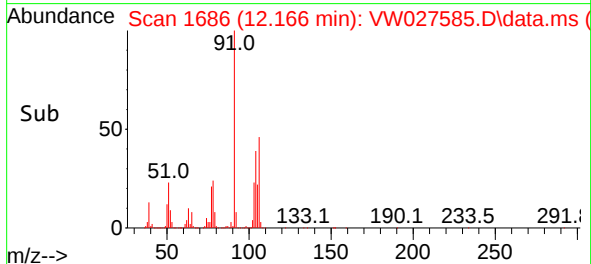
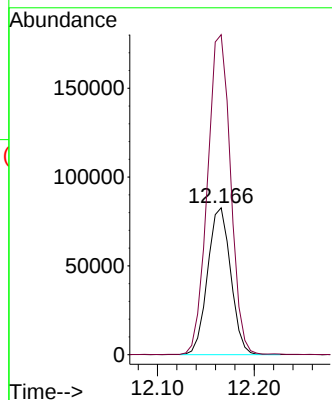
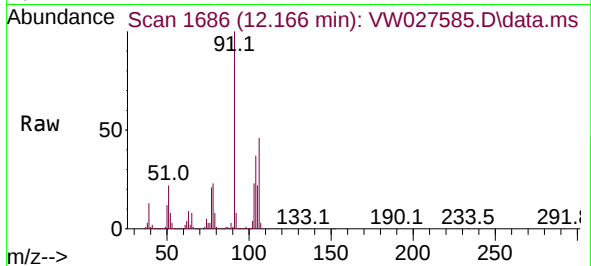




#54
o-Xylene
Concen: 25.708 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

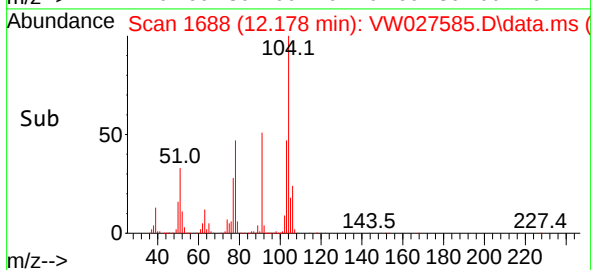
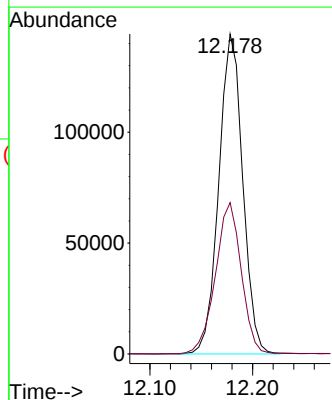
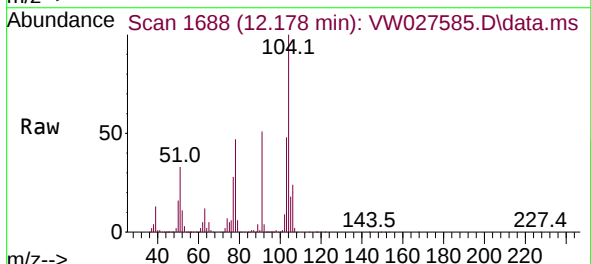
Instrument :
MSVOA_W
ClientSampleId :

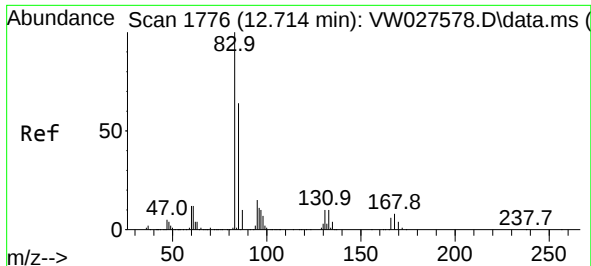
Tgt Ion:106 Resp: 137475
Ion Ratio Lower Upper
106 100
91 217.9 158.8 295.0



#55
Styrene
Concen: 25.519 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Tgt Ion:104 Resp: 232912
Ion Ratio Lower Upper
104 100
78 47.3 33.9 62.9





#57

1,1,2,2-Tetrachloroethane

Concen: 20.454 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027585.D

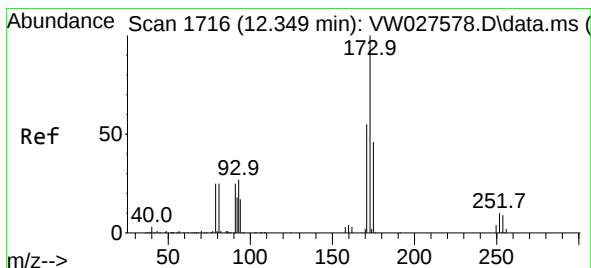
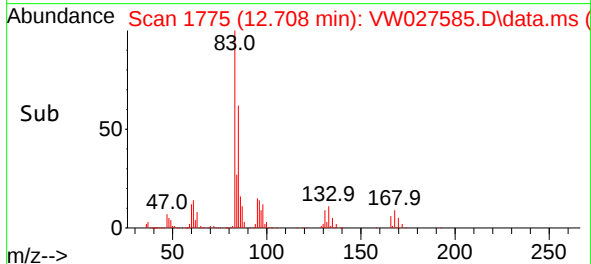
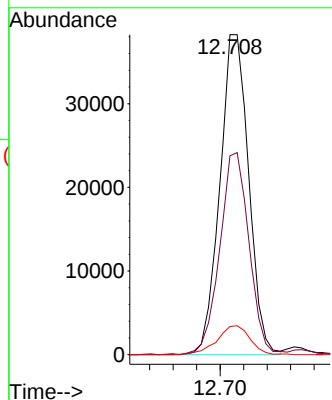
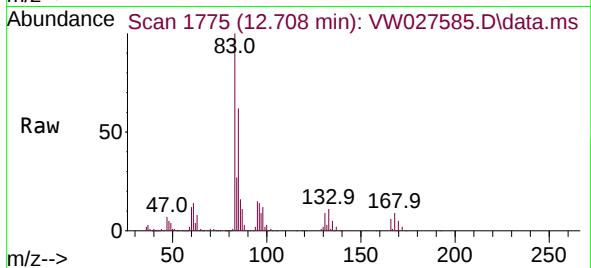
Acq: 12 Dec 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 65069
Ion Ratio	Lower Upper
83 100	
85 62.1	41.9 77.7
131 8.8	7.0 10.6



#59

Bromoform

Concen: 22.872 ug/L

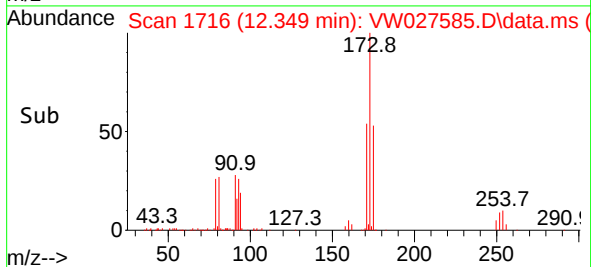
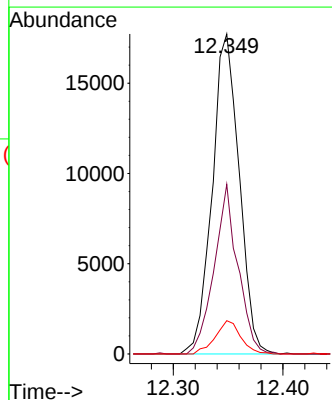
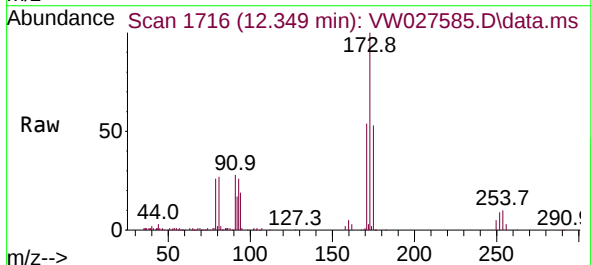
RT: 12.349 min Scan# 1716

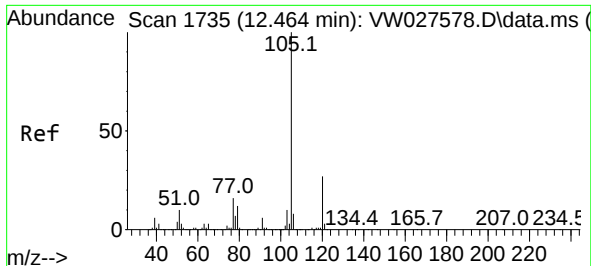
Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

Tgt Ion: 173	Resp: 30289
Ion Ratio	Lower Upper
173 100	
175 46.6	39.4 59.0
254 9.8	7.8 11.8

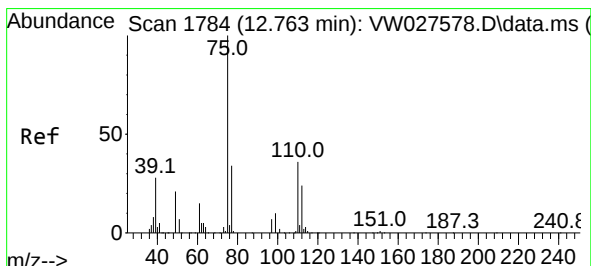
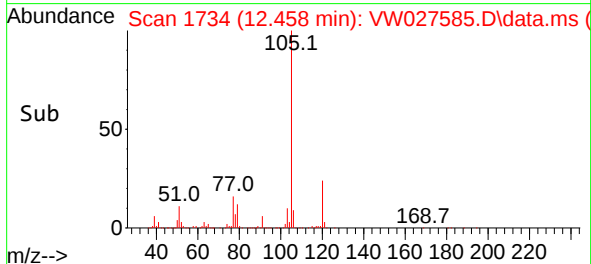
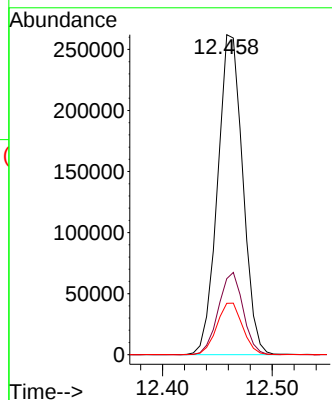
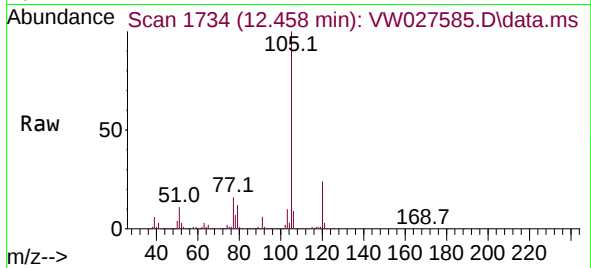




#60
Isopropylbenzene
Concen: 26.773 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

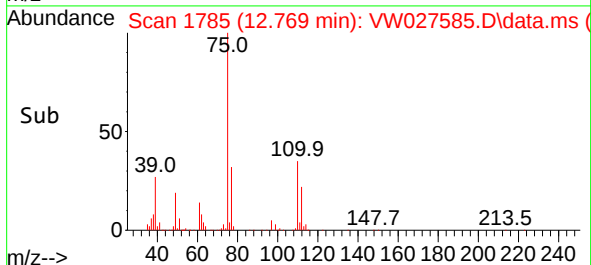
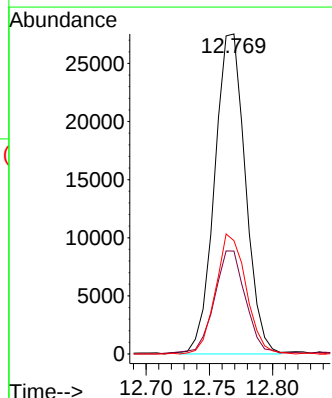
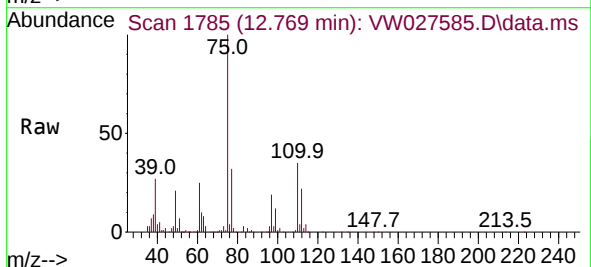
Instrument :
MSVOA_W
ClientSampleId :

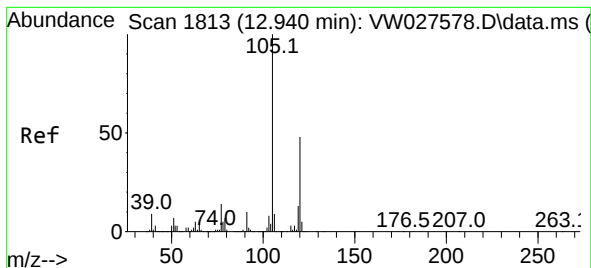
Tgt Ion:105 Resp: 417968
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5
77 16.5 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 20.431 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW027585.D
Acq: 12 Dec 2023 08:57

Tgt Ion: 75 Resp: 46596
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8
110 37.1 30.2 45.4





#62

1,3,5-Trimethylbenzene

Concen: 26.253 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

Instrument :

MSVOA_W

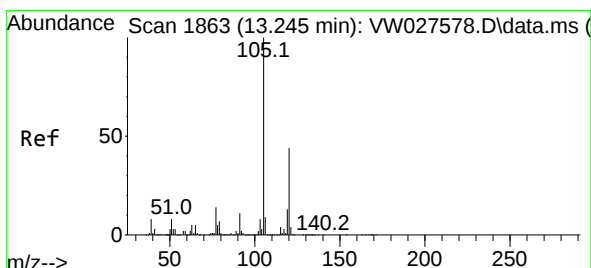
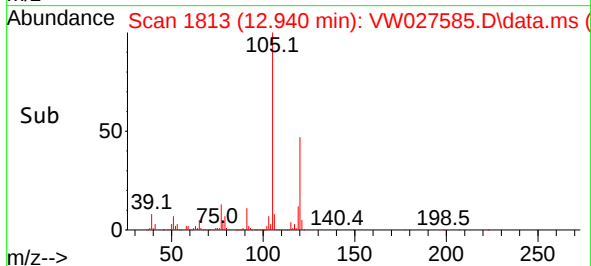
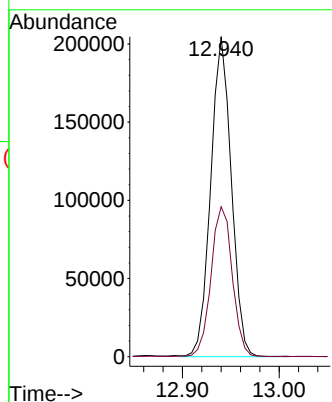
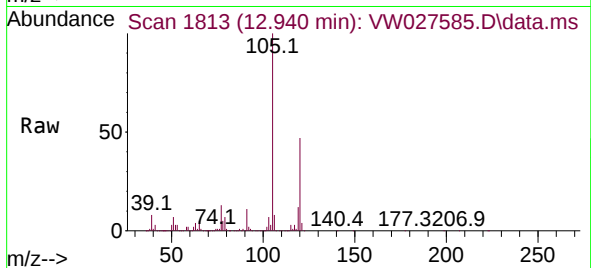
ClientSampleId :

Tgt Ion:105 Resp: 303141

Ion Ratio Lower Upper

105 100

120 48.2 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 25.740 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027585.D

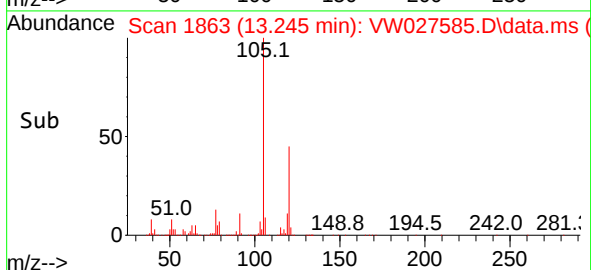
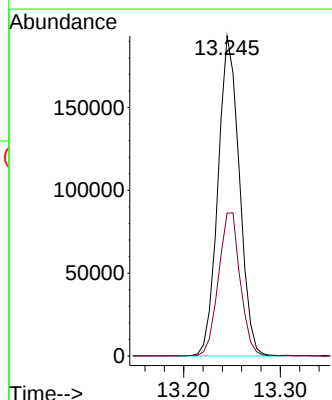
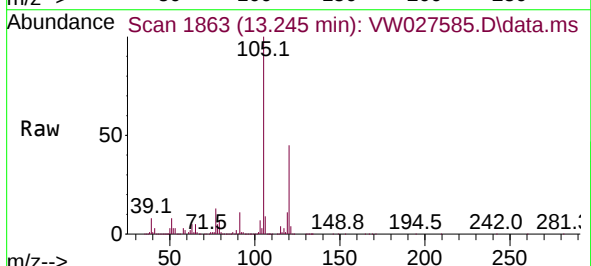
Acq: 12 Dec 2023 08:57

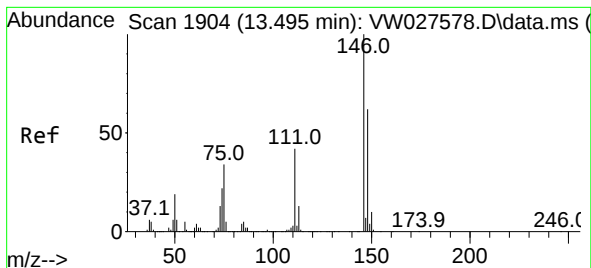
Tgt Ion:105 Resp: 296006

Ion Ratio Lower Upper

105 100

120 45.5 36.9 55.3





#64

1,3-Dichlorobenzene

Concen: 25.684 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

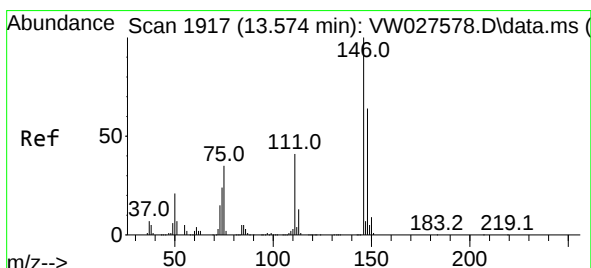
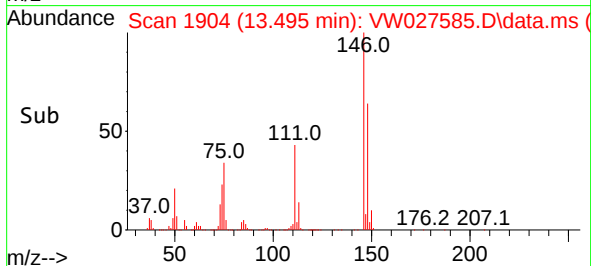
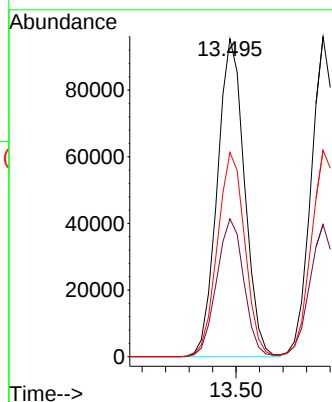
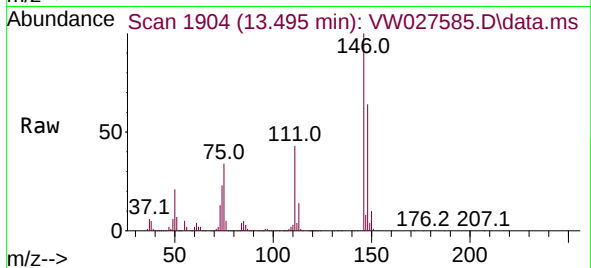
Tgt Ion:146 Resp: 153588

Ion Ratio Lower Upper

146 100

111 43.4 29.5 54.7

148 64.2 42.8 79.6



#65

1,4-Dichlorobenzene

Concen: 24.807 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

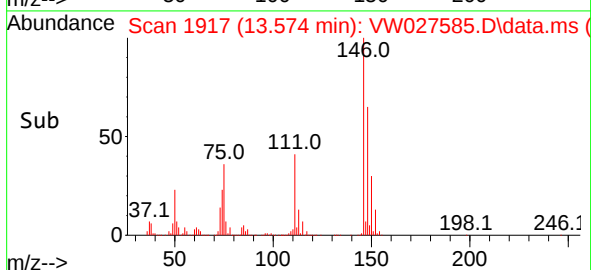
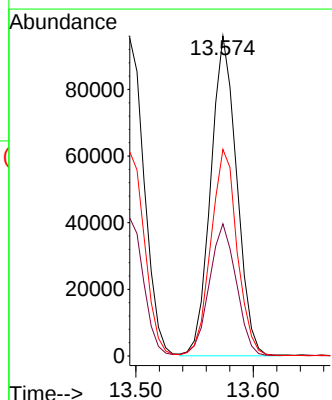
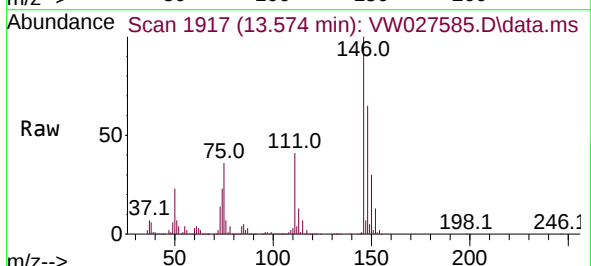
Tgt Ion:146 Resp: 147966

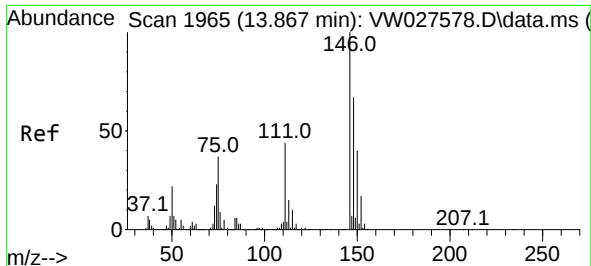
Ion Ratio Lower Upper

146 100

111 41.3 28.9 53.7

148 64.6 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 24.428 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

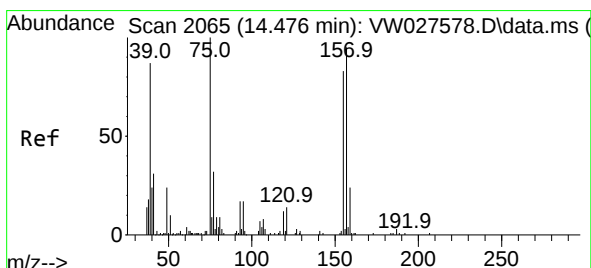
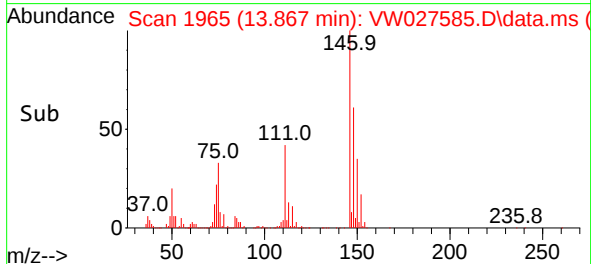
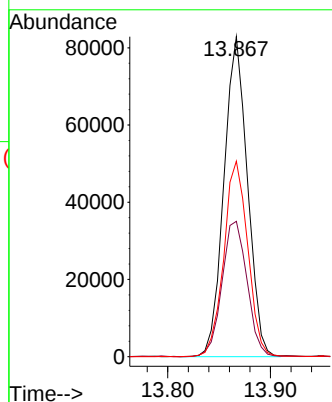
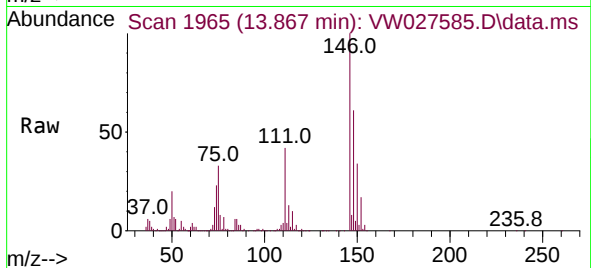
Tgt Ion:146 Resp: 131606

Ion Ratio Lower Upper

146 100

111 42.3 33.9 50.9

148 61.1 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 19.708 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

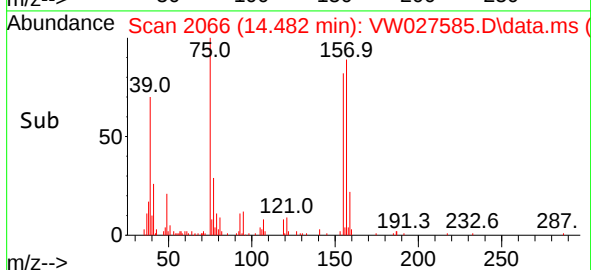
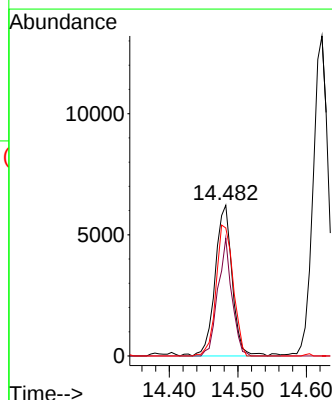
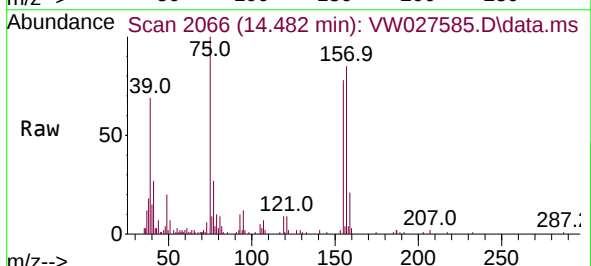
Tgt Ion: 75 Resp: 10811

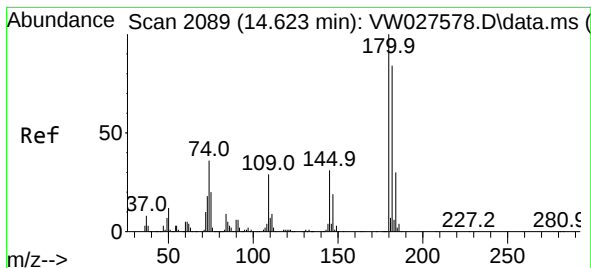
Ion Ratio Lower Upper

75 100

155 78.1 65.8 98.8

157 84.9 63.0 94.6





#69

1,3,5-Trichlorobenzene

Concen: 25.610 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

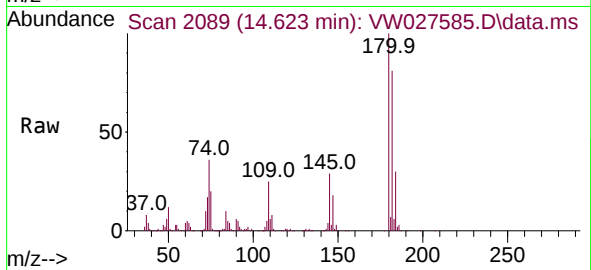
Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 102981

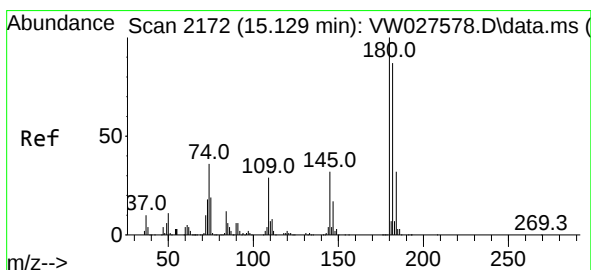
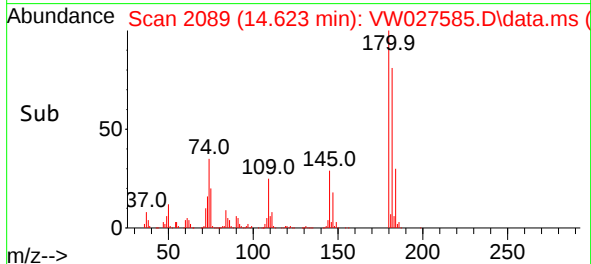
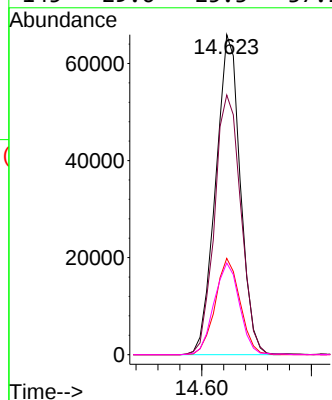
Ion Ratio Lower Upper

180 100

182 86.6 73.2 109.8

184 30.3 25.4 38.2

145 29.6 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 24.193 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

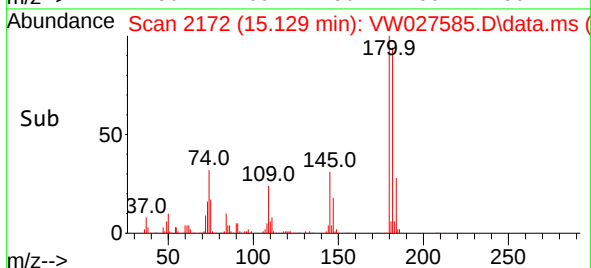
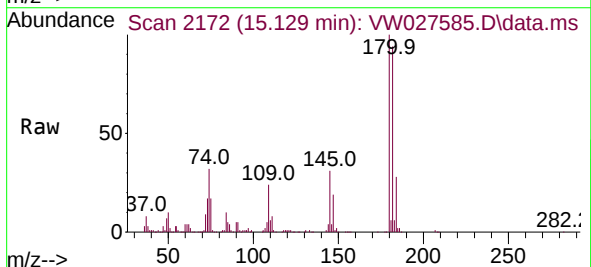
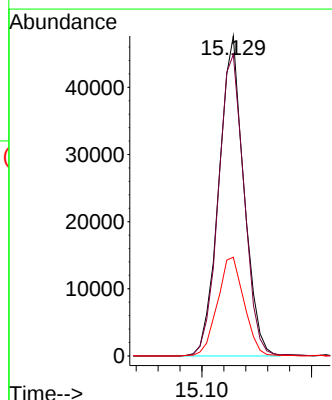
Tgt Ion:180 Resp: 75547

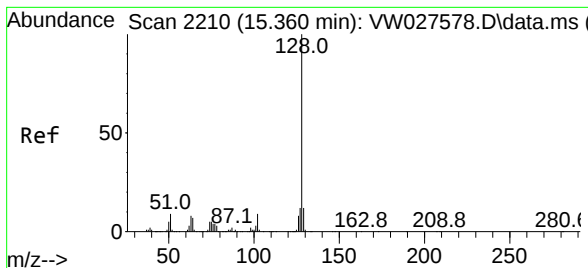
Ion Ratio Lower Upper

180 100

182 96.8 78.7 118.1

145 32.9 26.8 40.2





#71

Naphthalene

Concen: 20.398 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

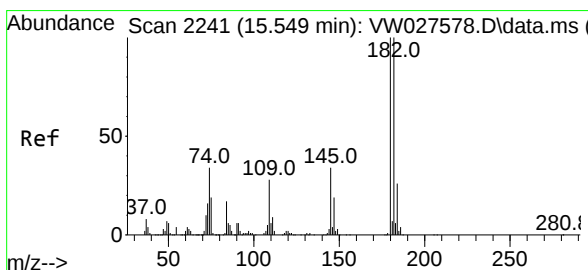
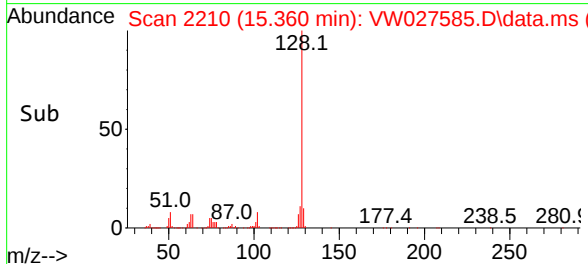
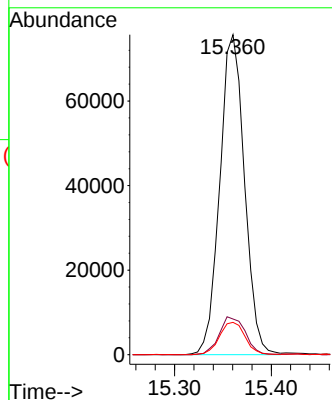
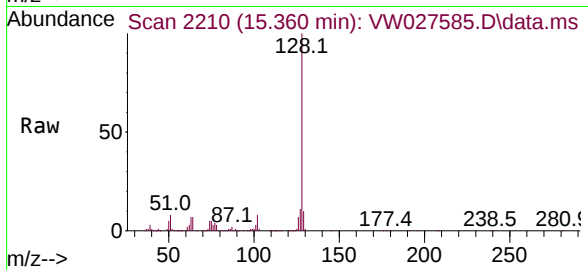
Tgt Ion:128 Resp: 133972

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.5 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.097 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027585.D

Acq: 12 Dec 2023 08:57

Tgt Ion:180 Resp: 61783

Ion Ratio Lower Upper

180 100

182 92.9 72.4 108.6

145 33.4 27.4 41.0

