

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120823\
 Data File : VW027583.D
 Acq On : 08 Dec 2023 15:22
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 09 02:02:25 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	221683	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	189488	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	94099	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	93100	20.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.480%
7) Chloroethane-d5	2.899	69	72346	22.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.480%
11) 1,1-Dichloroethene-d2	4.021	65	40621	21.519	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.080%
21) 2-Butanone-d5	7.081	46	42982	36.769	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.540%
24) Chloroform-d	7.648	84	151331	22.870	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.480%
26) 1,2-Dichloroethane-d4	8.306	65	70038	20.698	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	8.276	84	309474	23.189	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.760%
36) 1,2-Dichloropropane-d6	9.270	67	89390	22.720	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.880%
41) Toluene-d8	10.318	98	272544	23.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.360%
43) trans-1,3-Dichloroprop...	10.574	79	31371	20.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.480%
47) 2-Hexanone-d5	10.922	63	27506	37.522	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64056	19.794	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.160%
66) 1,2-Dichlorobenzene-d4	13.854	152	70516	21.378	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	68935	23.224	ug/L	96
3) Chloromethane	2.222	50	83104	22.860	ug/L	98
5) Vinyl chloride	2.374	62	101735	23.991	ug/L	98
6) Bromomethane	2.795	94	52737	23.698	ug/L	96
8) Chloroethane	2.935	64	57626	23.793	ug/L	95
9) Trichlorofluoromethane	3.271	101	97226	23.940	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.081	101	85915	24.808	ug/L	97
12) 1,1-Dichloroethene	4.051	96	77343	24.460	ug/L #	82
13) Acetone	4.118	43	40905	36.299	ug/L	100
14) Carbon disulfide	4.392	76	210260	22.004	ug/L	99
15) Methyl Acetate	4.667	43	32607	16.556	ug/L	100
16) Methylene chloride	4.917	84	78900	21.826	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	77492	23.768	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	111624	21.225	ug/L	99
19) 1,1-Dichloroethane	6.221	63	160734	24.242	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	82312	23.508	ug/L	94
22) 2-Butanone	7.166	43	47482	32.660	ug/L	97
23) Bromochloromethane	7.514	128	30985	22.499	ug/L	92
25) Chloroform	7.678	83	150404	24.982	ug/L	94

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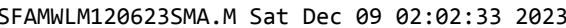
Instrument :
 MSVOA_W
 ClientSampleId :

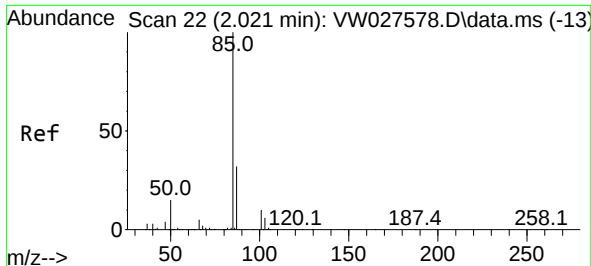
Quant Time: Dec 09 02:02:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 09 02:01:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	86066	22.119	ug/L	98
29) Cyclohexane	7.959	56	155861	25.019	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	139568	26.404	ug/L	100
31) Carbon tetrachloride	8.069	117	116588	25.288	ug/L	99
33) Benzene	8.325	78	332056	25.390	ug/L	100
34) Trichloroethene	9.087	95	88402	24.747	ug/L	97
35) Methylcyclohexane	9.337	83	162443	25.538	ug/L	99
37) 1,2-Dichloropropane	9.367	63	84499	24.471	ug/L	99
38) Bromodichloromethane	9.641	83	98616	24.704	ug/L	95
39) cis-1,3-Dichloropropene	10.074	75	118040	23.681	ug/L	95
40) 4-Methyl-2-pentanone	10.208	43	90501	38.774	ug/L	100
42) Toluene	10.385	91	349909	25.296	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	91979	22.874	ug/L	96
45) 1,1,2-Trichloroethane	10.781	97	52300	21.749	ug/L	98
46) Tetrachloroethene	10.861	164	65104	25.564	ug/L	94
48) 2-Hexanone	10.964	43	62843	38.204	ug/L	99
49) Dibromochloromethane	11.129	129	55902	23.517	ug/L	100
50) 1,2-Dibromoethane	11.233	107	47774	21.715	ug/L	97
51) Chlorobenzene	11.653	112	207931	24.917	ug/L	98
52) Ethylbenzene	11.726	91	410492	26.125	ug/L	98
53) m,p-Xylene	11.836	106	146516	25.306	ug/L	98
54) o-Xylene	12.165	106	134596	25.578	ug/L	96
55) Styrene	12.178	104	226598	25.229	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	65212	20.830	ug/L	99
59) Bromoform	12.348	173	28522	21.642	ug/L	100
60) Isopropylbenzene	12.458	105	418779	26.954	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47220	20.805	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	298994	26.019	ug/L	99
63) 1,2,4-Trimethylbenzene	13.244	105	304160	26.577	ug/L	96
64) 1,3-Dichlorobenzene	13.494	146	149002	25.037	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	151420	25.509	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	129207	24.099	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	10350	18.959	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.622	180	99028	24.746	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	77553	24.956	ug/L	94
71) Naphthalene	15.360	128	139453	21.335	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	62120	23.335	ug/L	96

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

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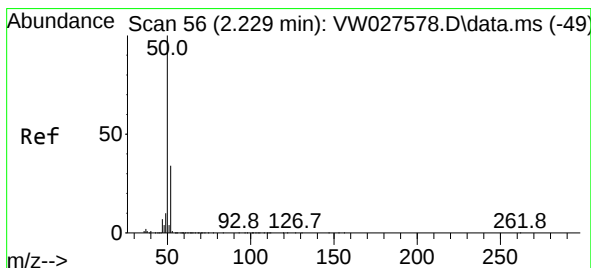
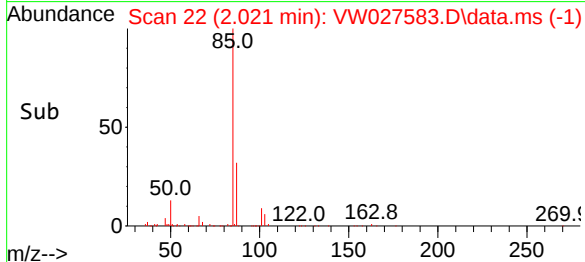
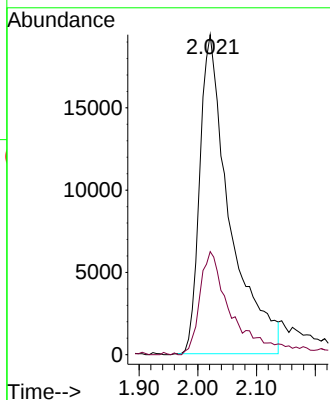
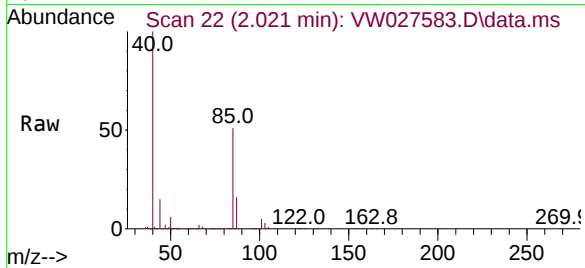




#2
Dichlorodifluoromethane
Concen: 23.224 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

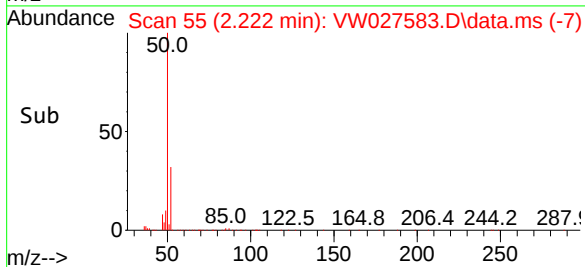
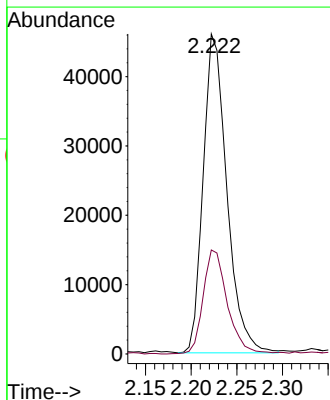
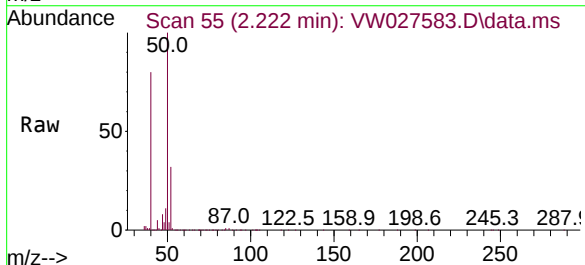
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MSVOA_W
ClientSampleId :

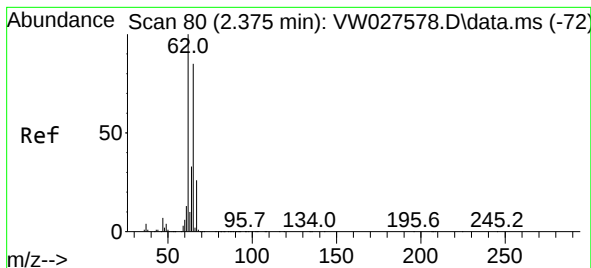
Tgt Ion: 85 Resp: 68935
Ion Ratio Lower Upper
85 100
87 27.9 24.0 36.0



#3
Chloromethane
Concen: 22.860 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion: 50 Resp: 83104
Ion Ratio Lower Upper
50 100
52 32.5 21.8 40.6





#5

Vinyl chloride

Concen: 23.991 ug/L

RT: 2.374 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Instrument :

MSVOA_W

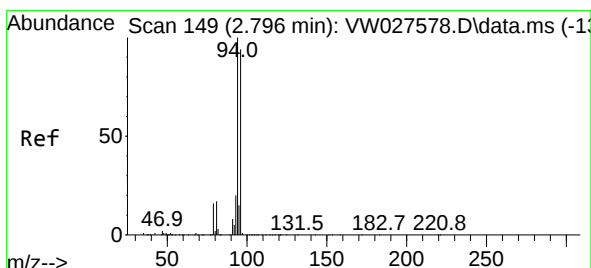
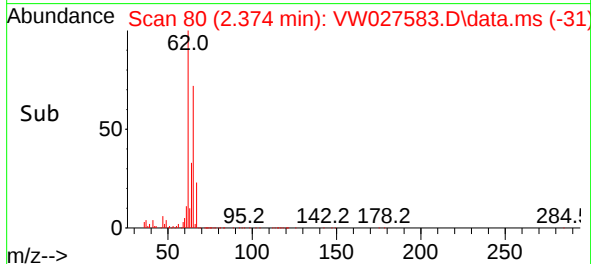
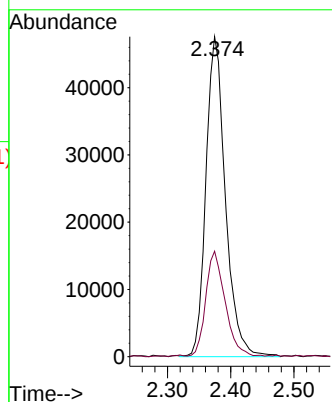
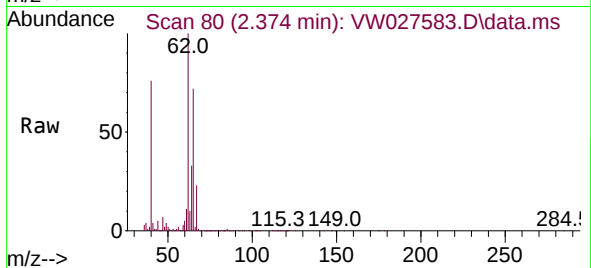
ClientSampleId :

Tgt Ion: 62 Resp: 101735

Ion Ratio Lower Upper

62 100

64 32.9 22.2 41.2



#6

Bromomethane

Concen: 23.698 ug/L

RT: 2.795 min Scan# 149

Delta R.T. -0.000 min

Lab File: VW027583.D

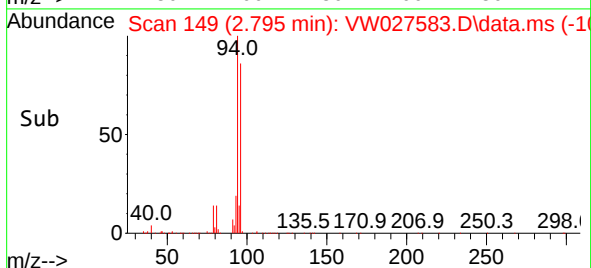
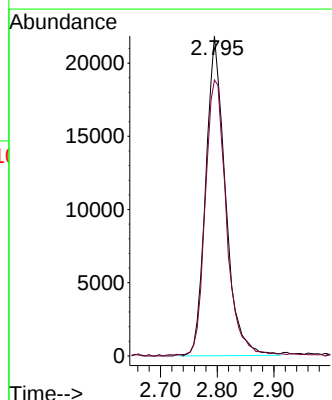
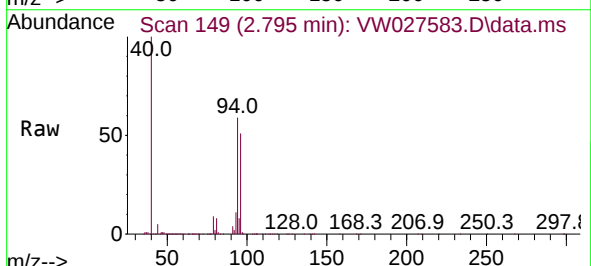
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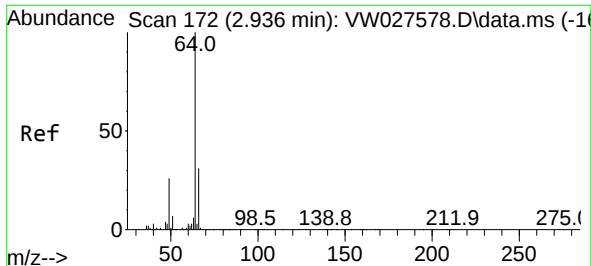
Tgt Ion: 94 Resp: 52737

Ion Ratio Lower Upper

94 100

96 86.3 63.3 117.7

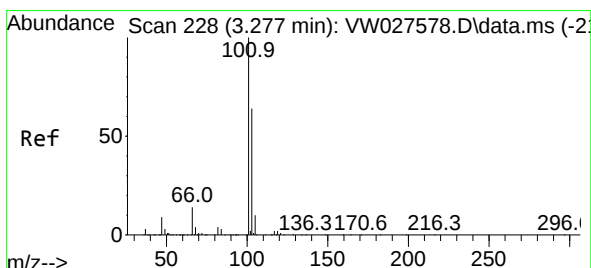
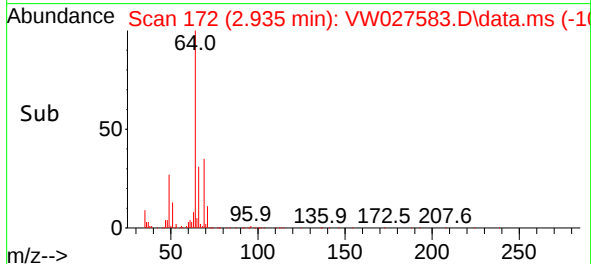
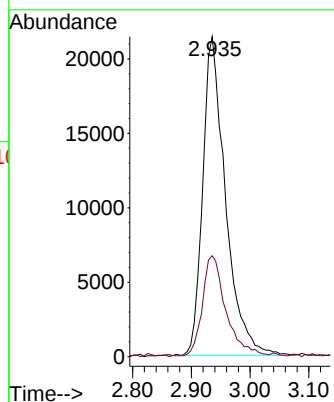
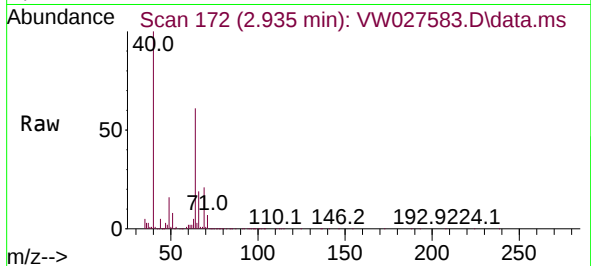




#8
Chloroethane
Concen: 23.793 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

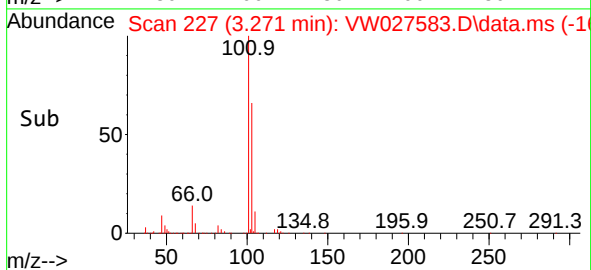
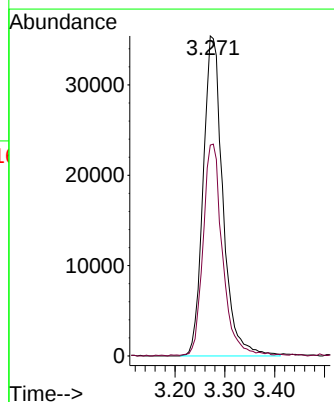
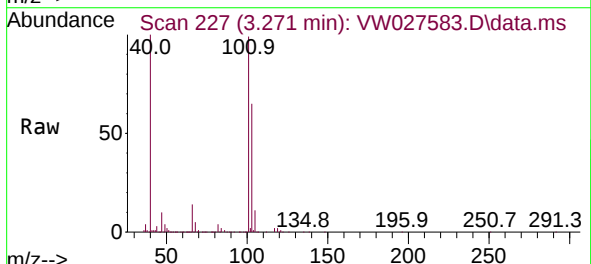
Instrument :
MSVOA_W
ClientSampleId :

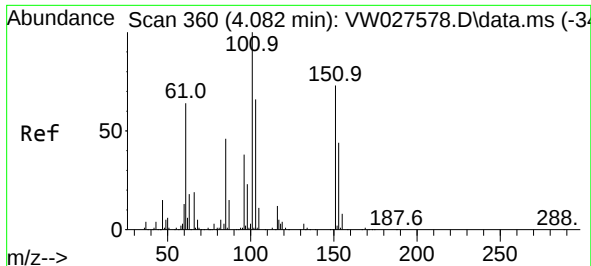
Tgt Ion: 64 Resp: 57626
Ion Ratio Lower Upper
64 100
66 31.6 24.1 44.7



#9
Trichlorofluoromethane
Concen: 23.940 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion: 101 Resp: 97226
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

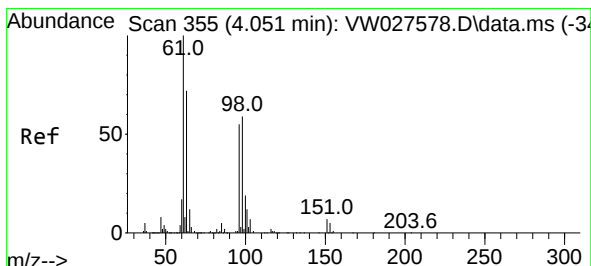
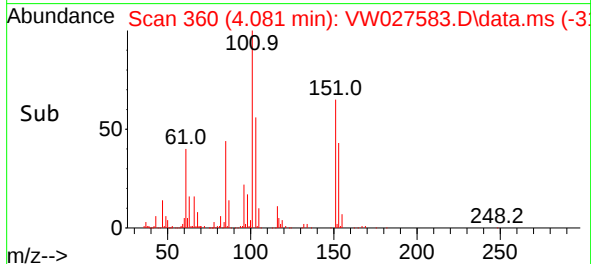
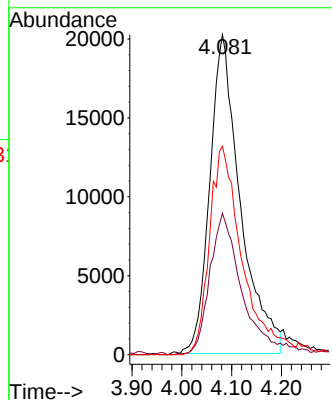
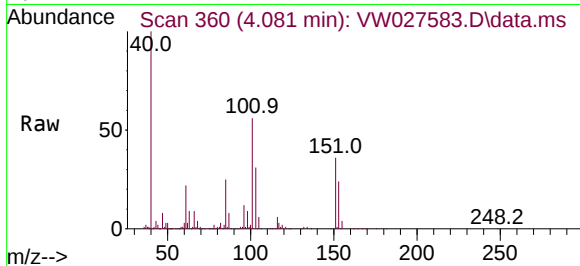




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.808 ug/L
 RT: 4.081 min Scan# 360
 Delta R.T. -0.000 min
 Lab File: VW027583.D
 Acq: 08 Dec 2023 15:22

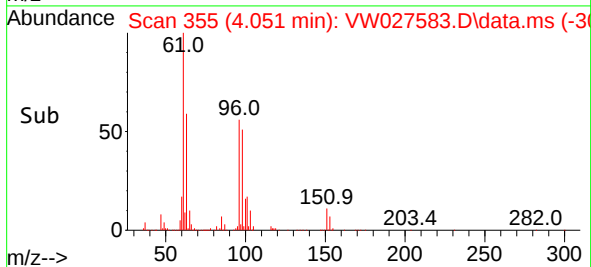
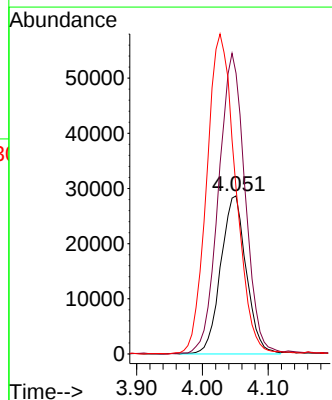
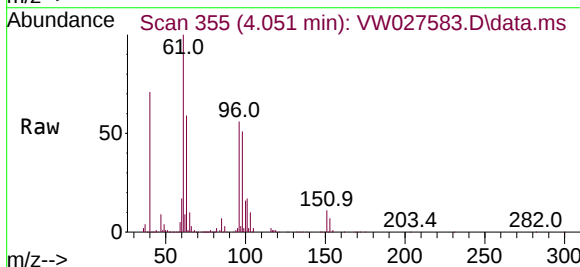
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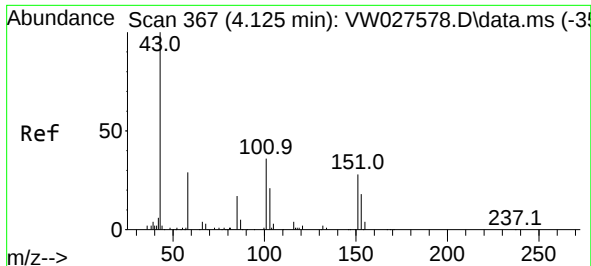
Tgt Ion:101 Resp: 85915
 Ion Ratio Lower Upper
 101 100
 85 45.2 33.9 50.9
 151 69.8 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 24.460 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW027583.D
 Acq: 08 Dec 2023 15:22

Tgt Ion: 96 Resp: 77343
 Ion Ratio Lower Upper
 96 100
 61 177.5 127.8 237.4
 63 104.8 104.9 194.7#

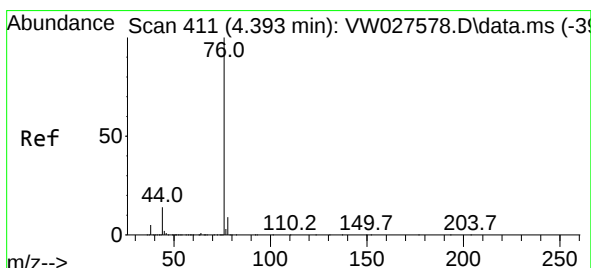
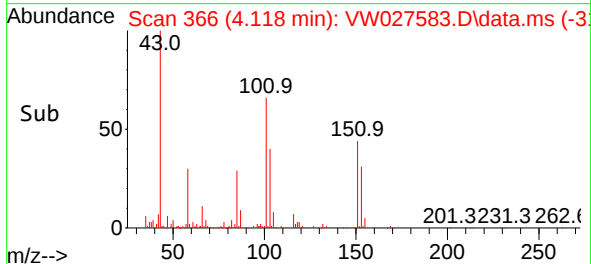
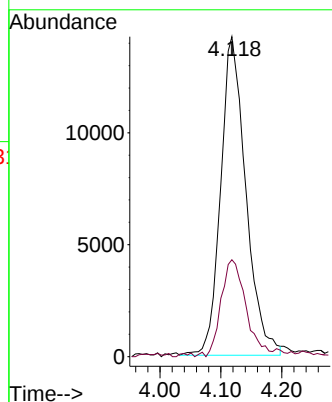
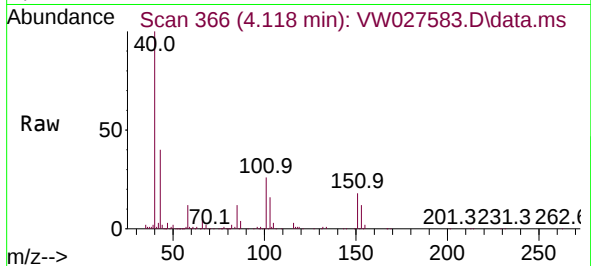




#13
Acetone
Concen: 36.299 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

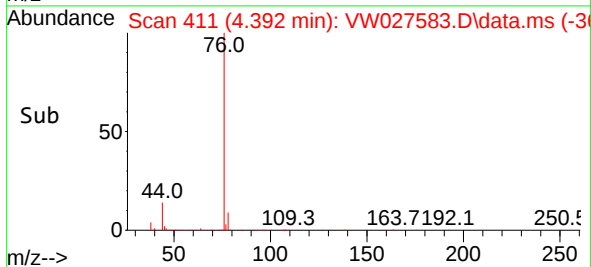
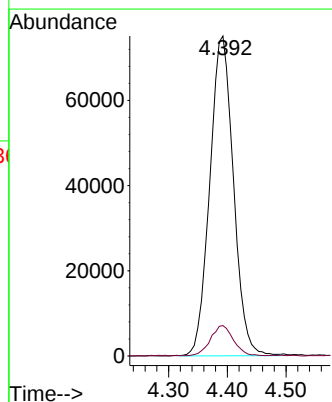
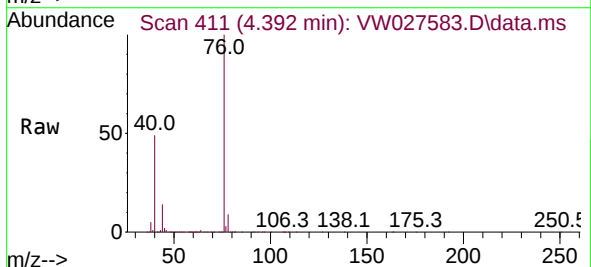
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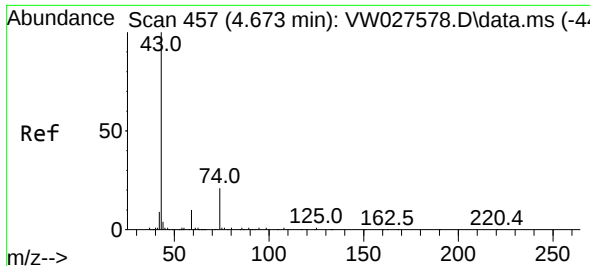
Tgt Ion: 43 Resp: 40905
Ion Ratio Lower Upper
43 100
58 29.9 0.0 60.0



#14
Carbon disulfide
Concen: 22.004 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion: 76 Resp: 210260
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6

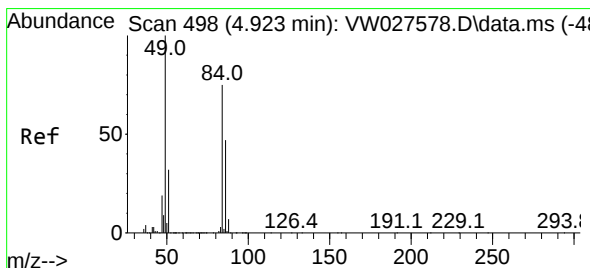
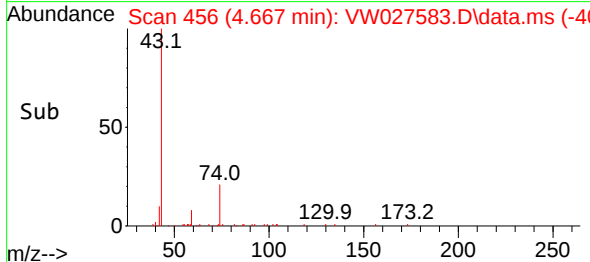
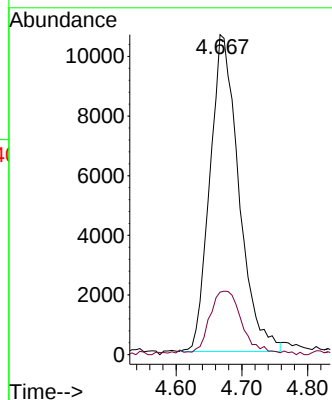
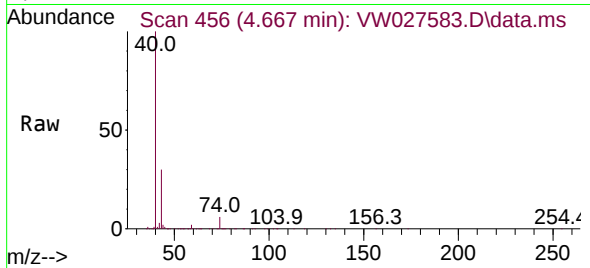




#15
Methyl Acetate
Concen: 16.556 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

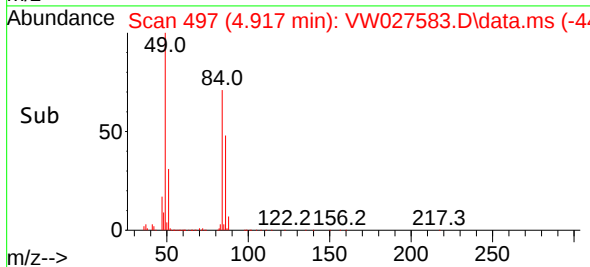
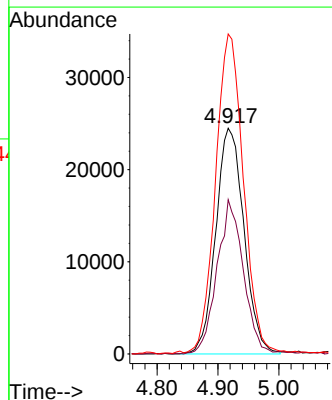
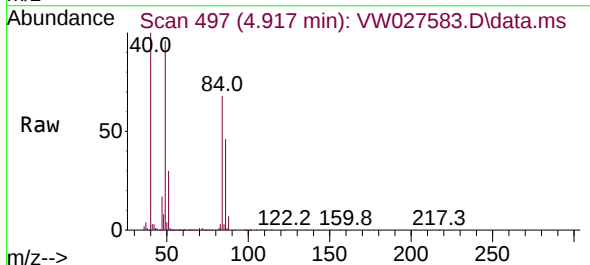
Instrument :
MSVOA_W
ClientSampleId :

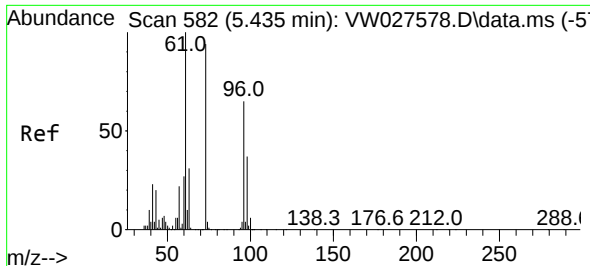
Tgt Ion: 43 Resp: 32607
Ion Ratio Lower Upper
43 100
74 21.1 16.8 25.2



#16
Methylene chloride
Concen: 21.826 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

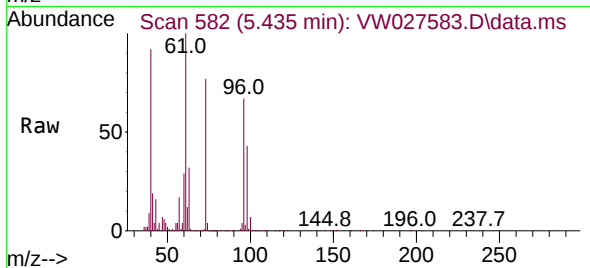
Tgt Ion: 84 Resp: 78900
Ion Ratio Lower Upper
84 100
86 68.3 47.7 88.7
49 141.7 97.4 181.0



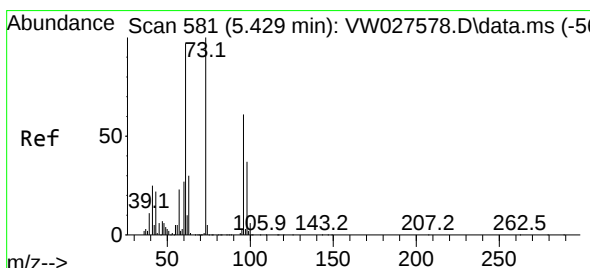
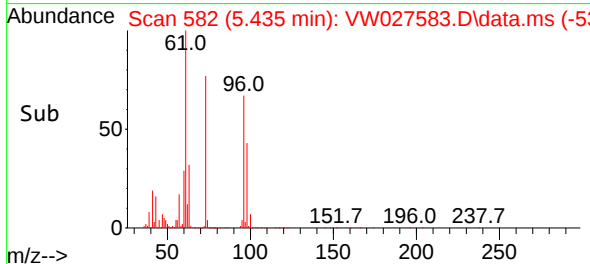
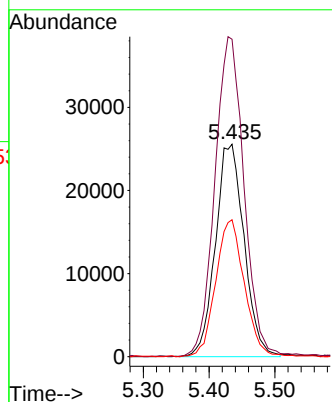


#17
trans-1,2-Dichloroethene
Concen: 23.768 ug/L
RT: 5.435 min Scan# 582
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Instrument :
MSVOA_W
ClientSampleId :

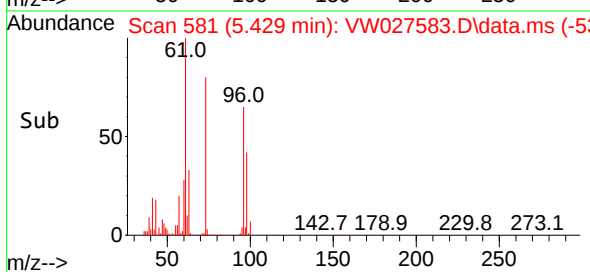
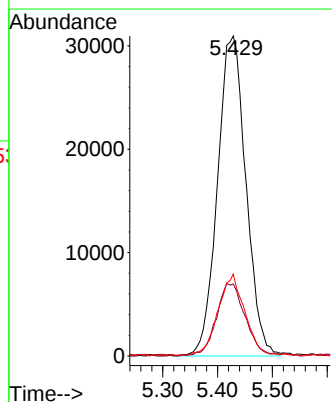
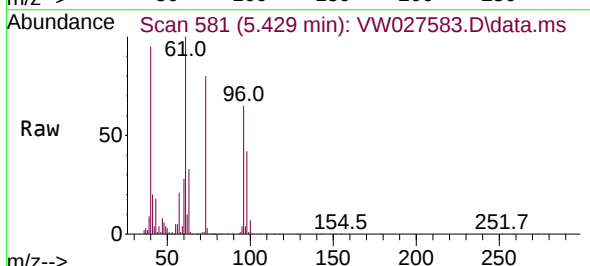


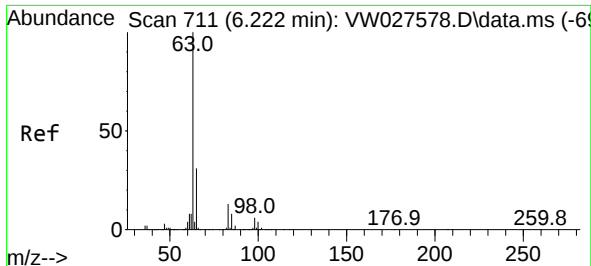
Tgt Ion: 96 Resp: 77492
Ion Ratio Lower Upper
96 100
61 149.5 109.6 203.6
98 64.5 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 21.225 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion: 73 Resp: 111624
Ion Ratio Lower Upper
73 100
43 22.2 17.8 26.6
57 23.6 19.9 29.9





#19

1,1-Dichloroethane

Concen: 24.242 ug/L

RT: 6.221 min Scan# 711

Delta R.T. -0.000 min

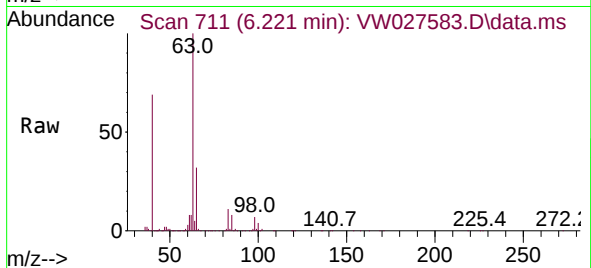
Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Instrument :

MSVOA_W

ClientSampleId :



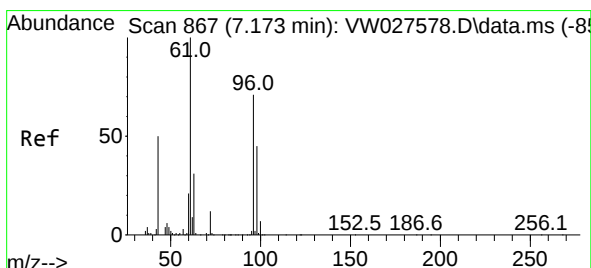
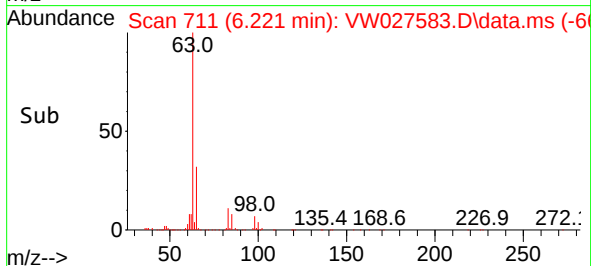
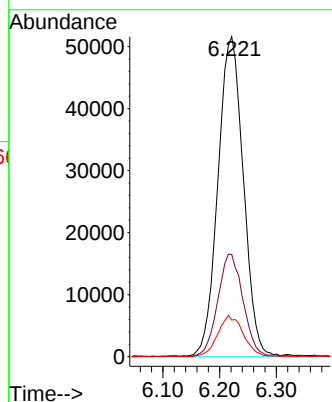
Tgt Ion: 63 Resp: 160734

Ion Ratio Lower Upper

63 100

65 31.9 22.0 40.8

83 11.5 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.508 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

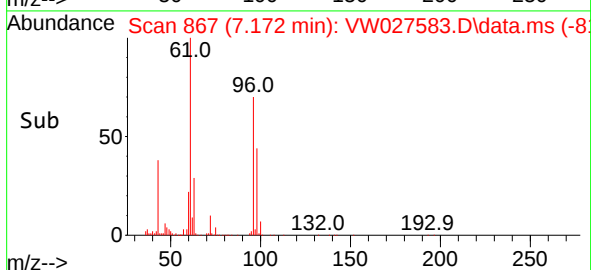
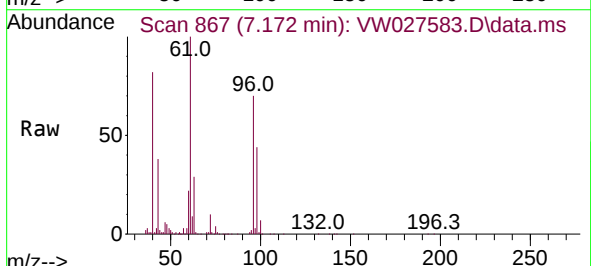
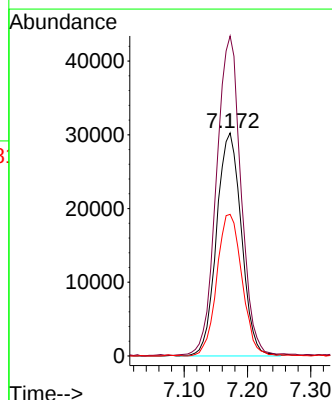
Tgt Ion: 96 Resp: 82312

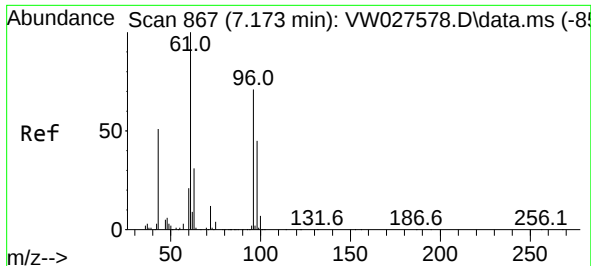
Ion Ratio Lower Upper

96 100

61 143.5 94.0 174.6

98 63.5 45.1 83.7

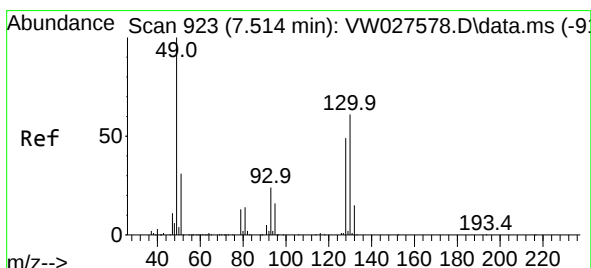
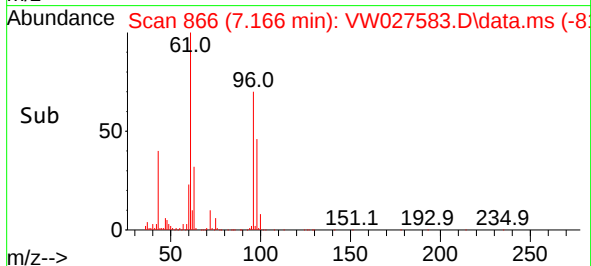
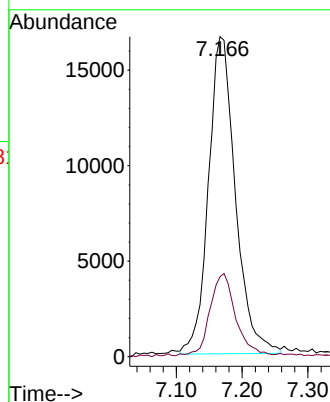
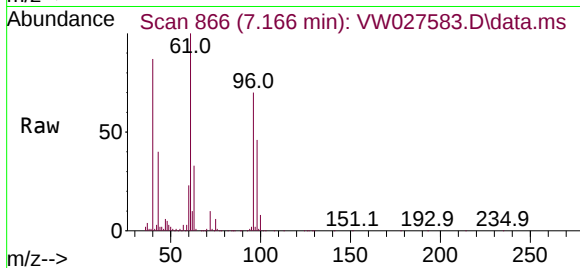




#22
2-Butanone
Concen: 32.660 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

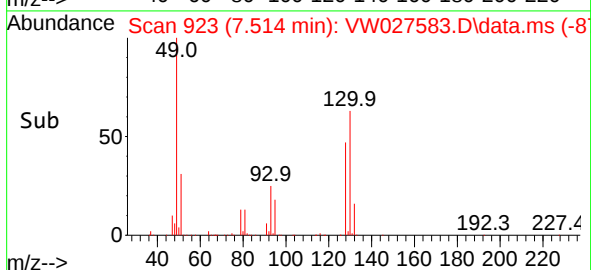
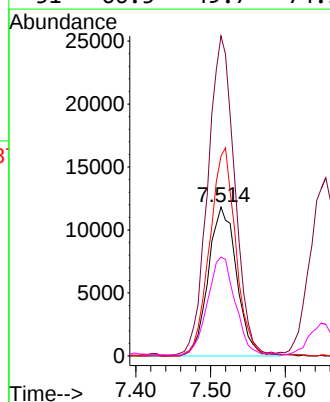
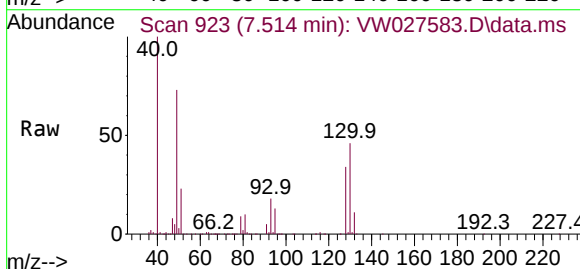
Instrument :
MSVOA_W
ClientSampleId :

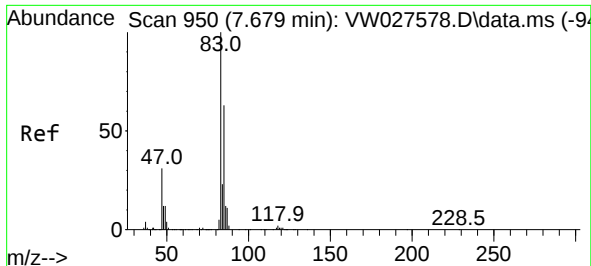
Tgt Ion: 43 Resp: 47482
Ion Ratio Lower Upper
43 100
72 25.2 11.9 35.9



#23
Bromochloromethane
Concen: 22.499 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion: 128 Resp: 30985
Ion Ratio Lower Upper
128 100
49 215.1 137.8 256.0
130 134.4 91.2 169.4
51 66.5 49.7 74.5

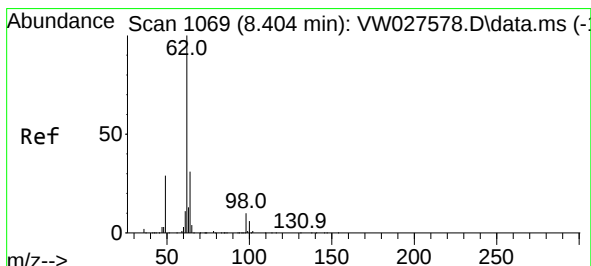
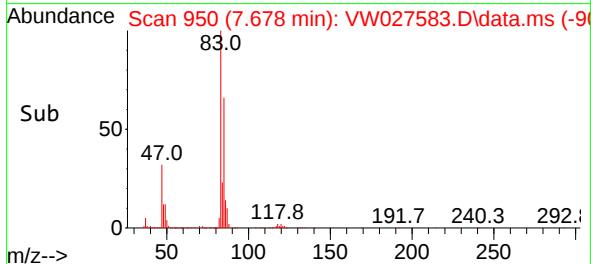
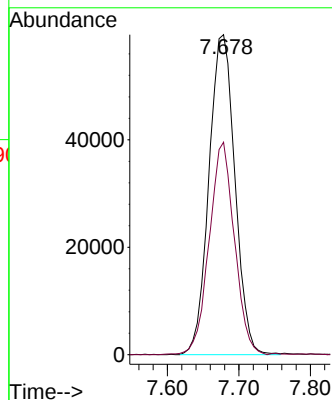
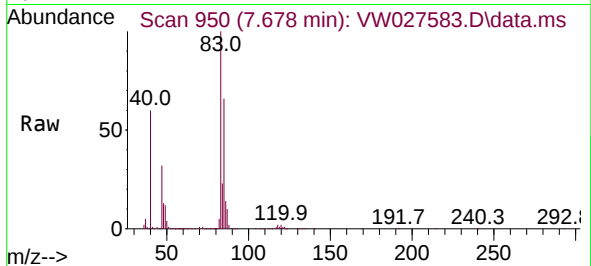




#25
Chloroform
Concen: 24.982 ug/L
RT: 7.678 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

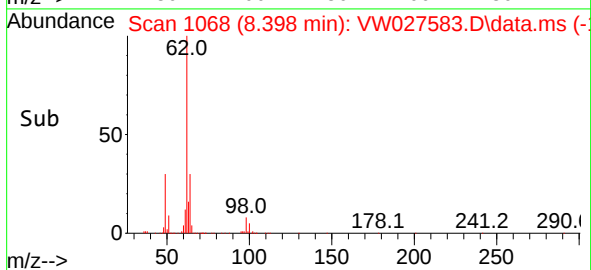
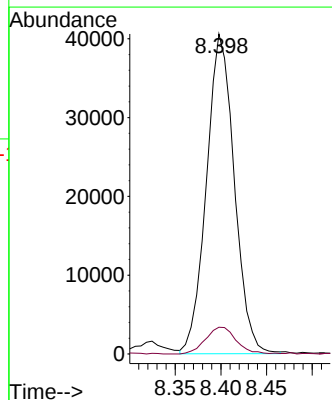
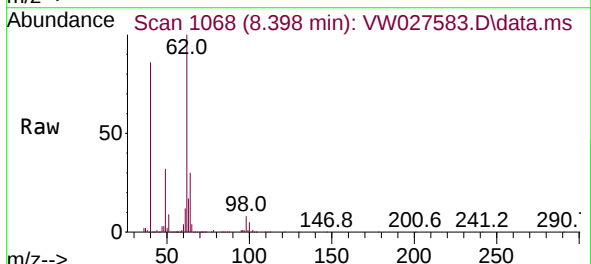
Instrument :
MSVOA_W
ClientSampleId :

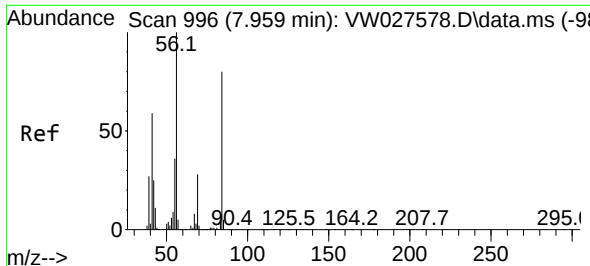
Tgt Ion: 83 Resp: 150404
Ion Ratio Lower Upper
83 100
85 66.4 49.8 92.6



#27
1,2-Dichloroethane
Concen: 22.119 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

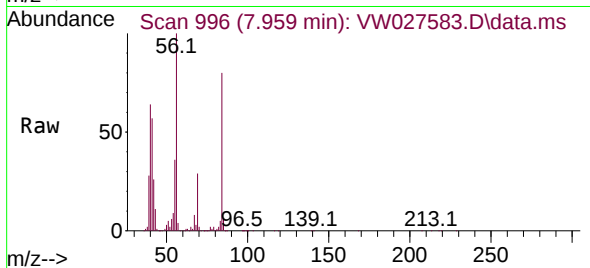
Tgt Ion: 62 Resp: 86066
Ion Ratio Lower Upper
62 100
98 8.3 7.4 11.0



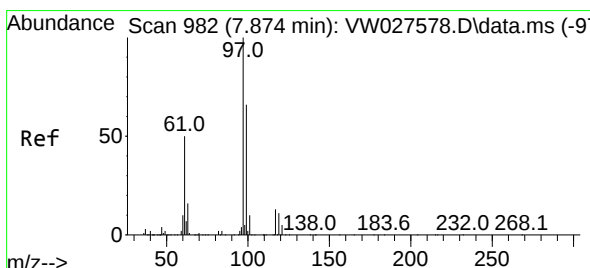
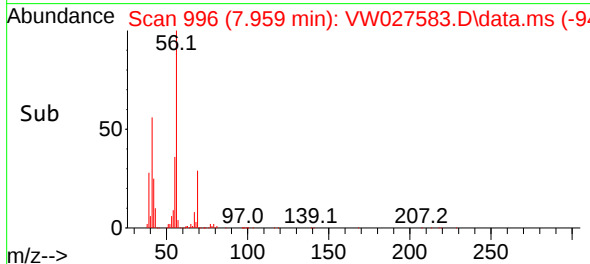
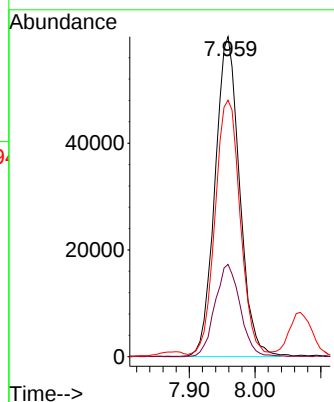


#29
Cyclohexane
Concen: 25.019 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Instrument :
MSVOA_W
ClientSampleId :

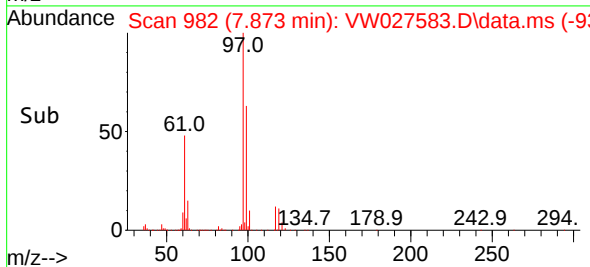
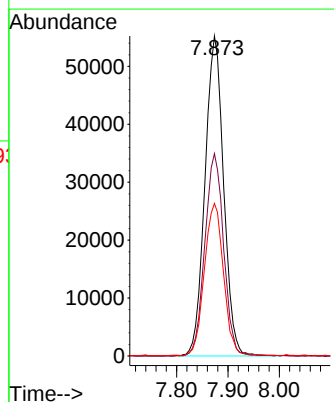
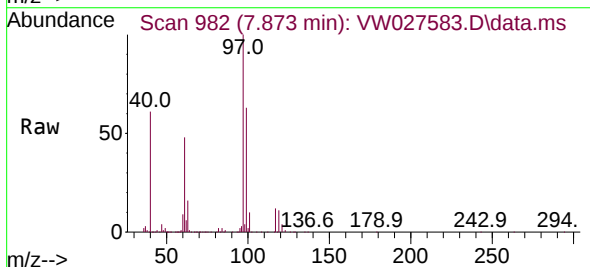


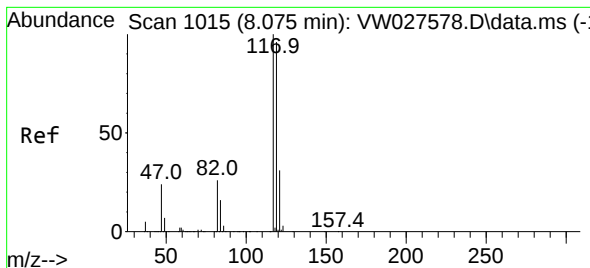
Tgt Ion: 56 Resp: 155861
Ion Ratio Lower Upper
56 100
69 29.4 24.1 36.1
84 82.1 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 26.404 ug/L
RT: 7.873 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion: 97 Resp: 139568
Ion Ratio Lower Upper
97 100
99 63.0 50.5 75.7
61 48.7 39.0 58.4





#31

Carbon tetrachloride

Concen: 25.288 ug/L

RT: 8.069 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Instrument :

MSVOA_W

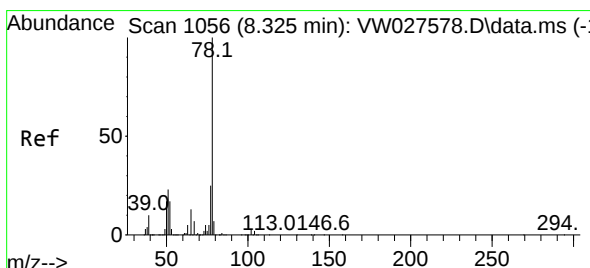
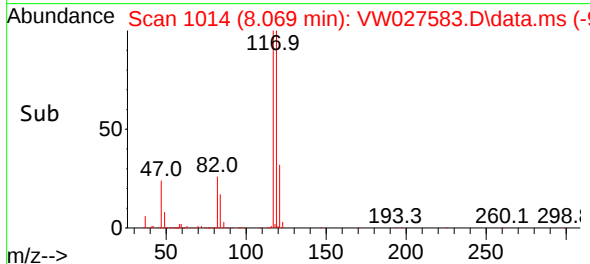
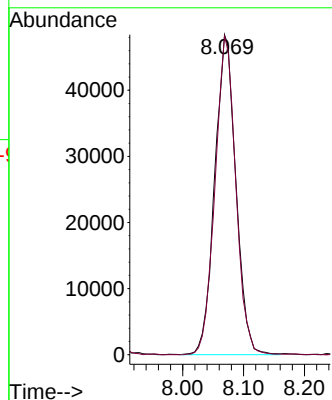
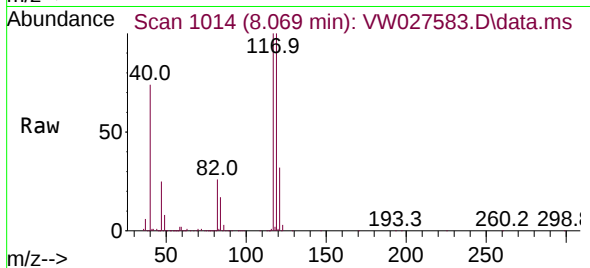
ClientSampleId :

Tgt Ion:117 Resp: 116588

Ion Ratio Lower Upper

117 100

119 97.4 77.0 115.6



#33

Benzene

Concen: 25.390 ug/L

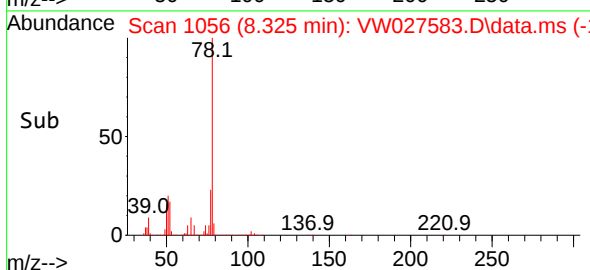
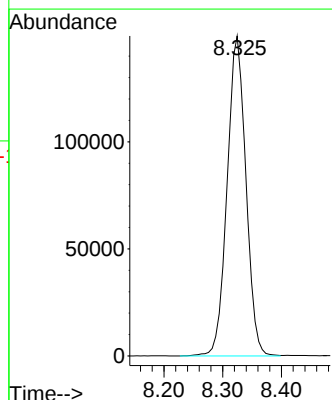
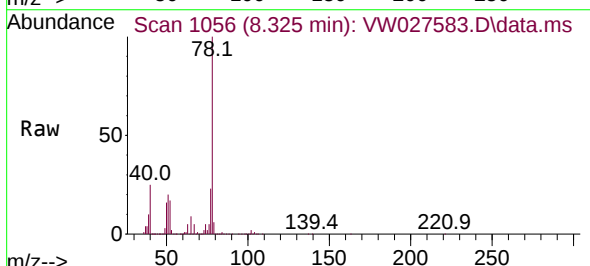
RT: 8.325 min Scan# 1056

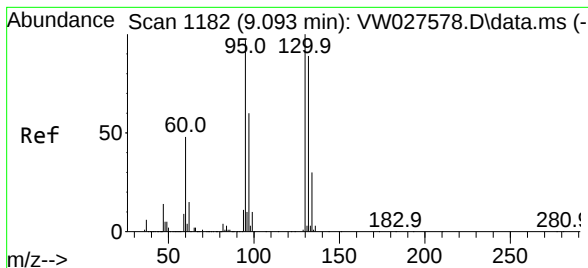
Delta R.T. -0.000 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Tgt Ion: 78 Resp: 332056





#34

Trichloroethene

Concen: 24.747 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

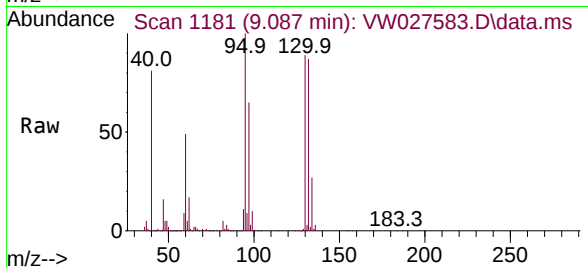
Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 88402

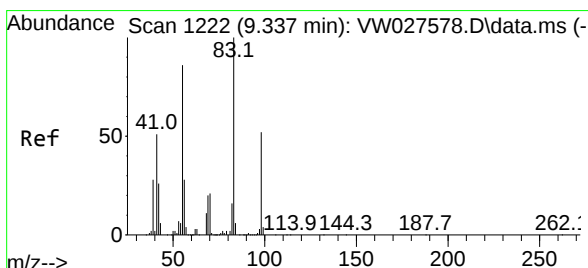
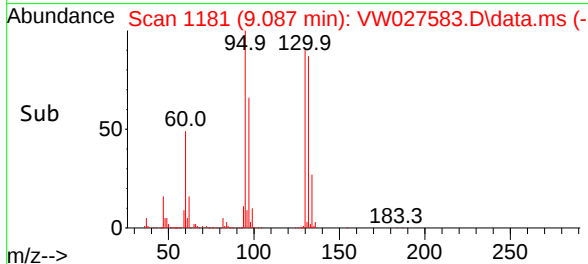
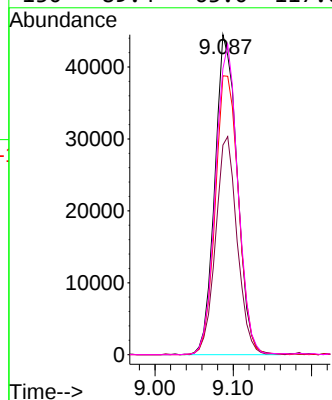
Ion Ratio Lower Upper

95 100

97 65.5 43.0 80.0

132 87.2 64.1 119.1

130 89.4 63.0 117.0



#35

Methylcyclohexane

Concen: 25.538 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

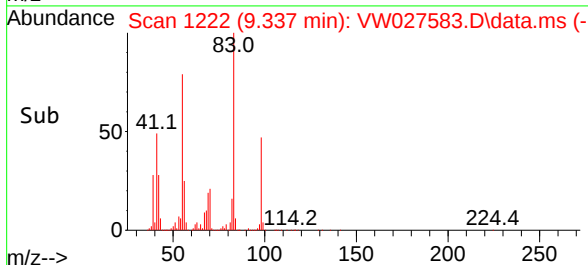
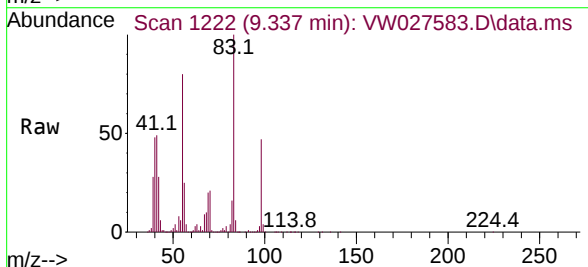
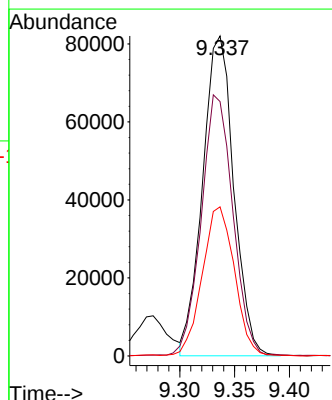
Tgt Ion: 83 Resp: 162443

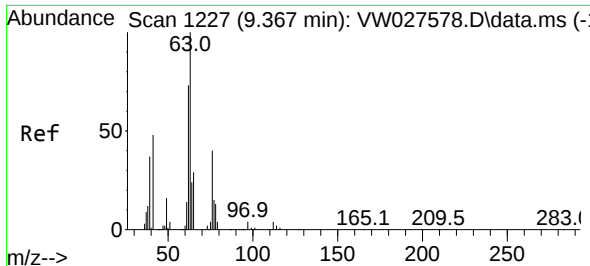
Ion Ratio Lower Upper

83 100

55 82.5 65.6 98.4

98 48.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 24.471 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Instrument :

MSVOA_W

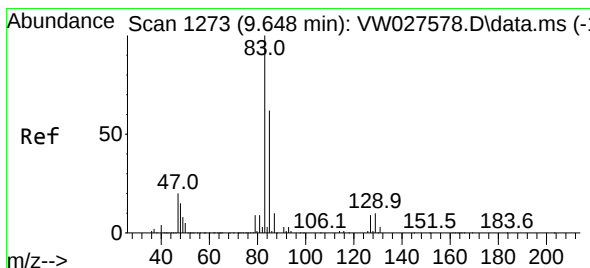
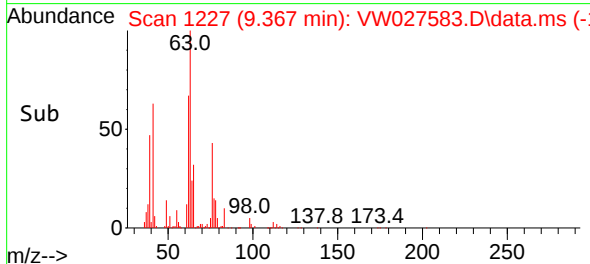
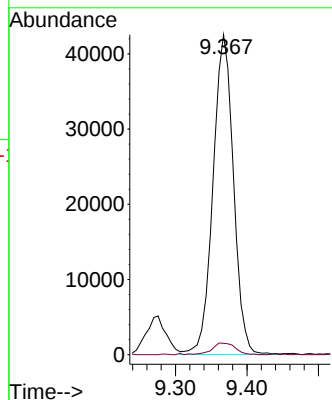
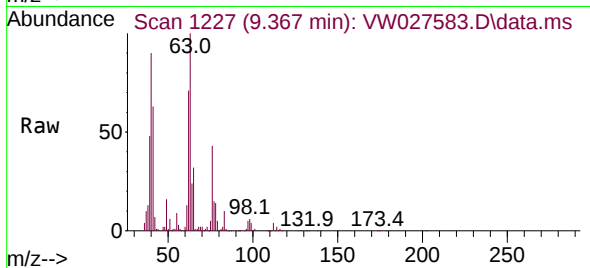
ClientSampleId :

Tgt Ion: 63 Resp: 84499

Ion Ratio Lower Upper

63 100

112 4.1 3.6 5.4



#38

Bromodichloromethane

Concen: 24.704 ug/L

RT: 9.641 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

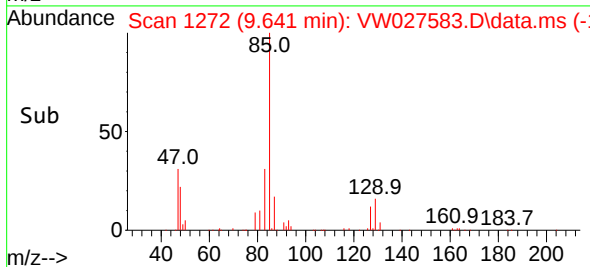
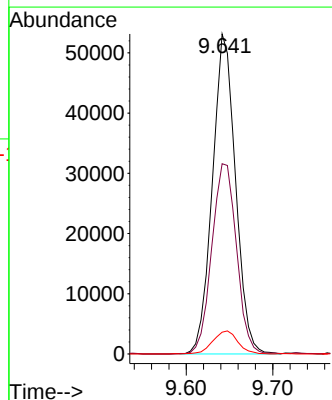
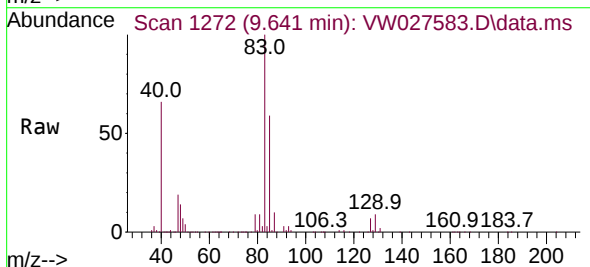
Tgt Ion: 83 Resp: 98616

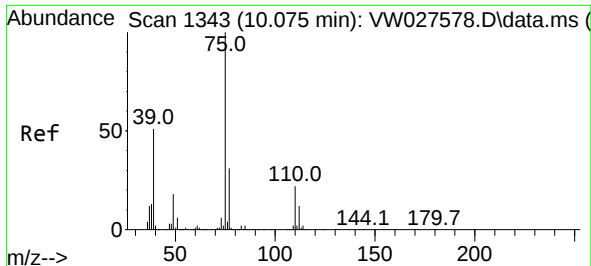
Ion Ratio Lower Upper

83 100

85 59.5 44.3 82.3

127 6.8 5.3 7.9

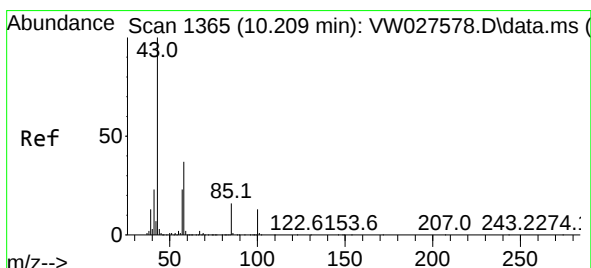
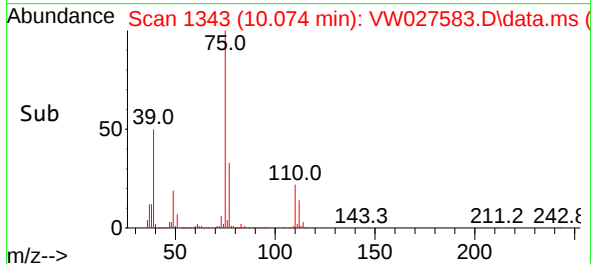
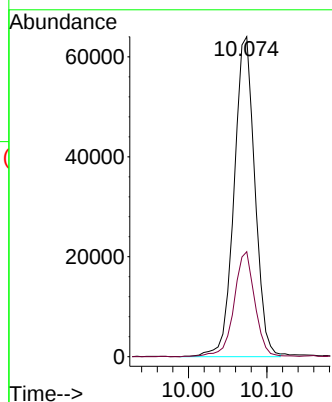
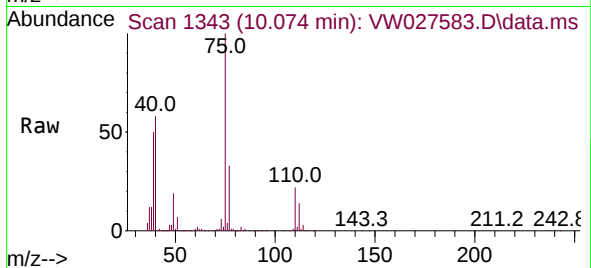




#39
cis-1,3-Dichloropropene
Concen: 23.681 ug/L
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

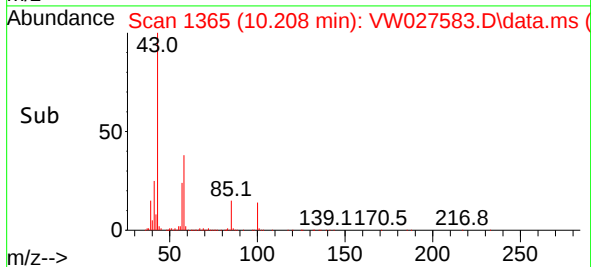
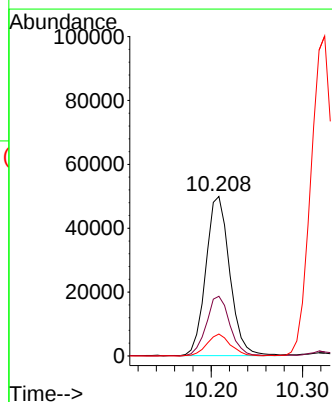
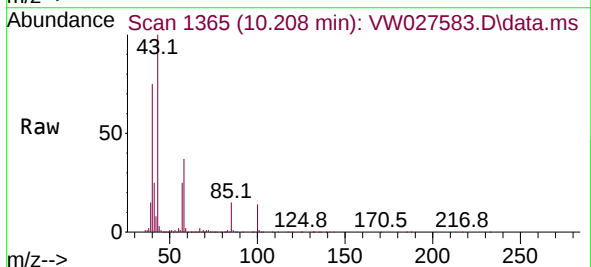
Instrument :
MSVOA_W
ClientSampleId :

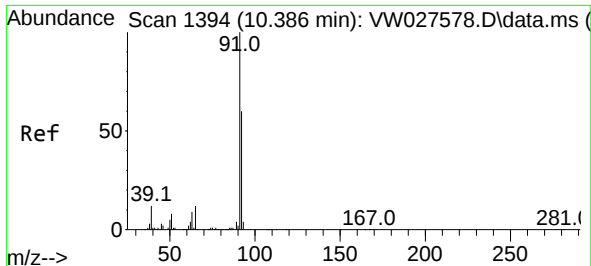
Tgt Ion: 75 Resp: 118040
Ion Ratio Lower Upper
75 100
77 32.8 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 38.774 ug/L
RT: 10.208 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion: 43 Resp: 90501
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4
100 13.7 11.1 16.7

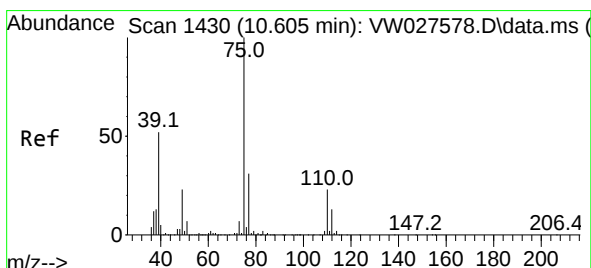
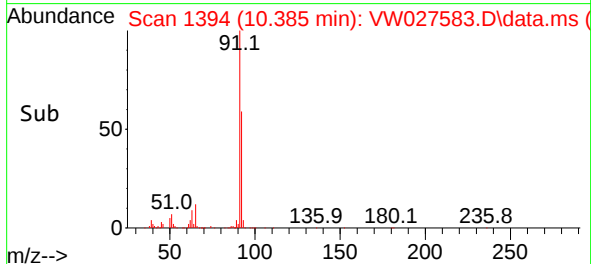
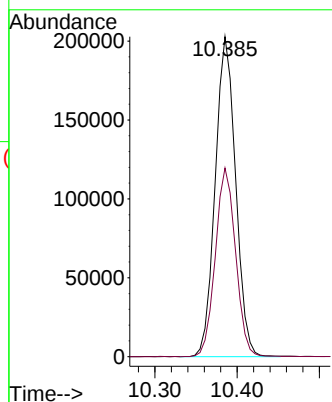
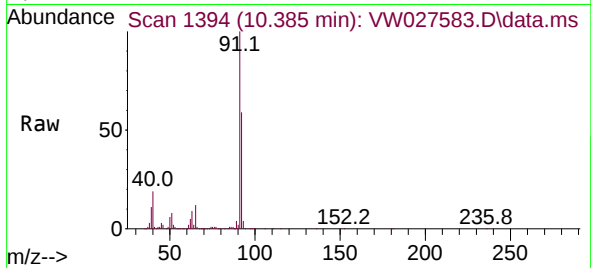




#42
Toluene
Concen: 25.296 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

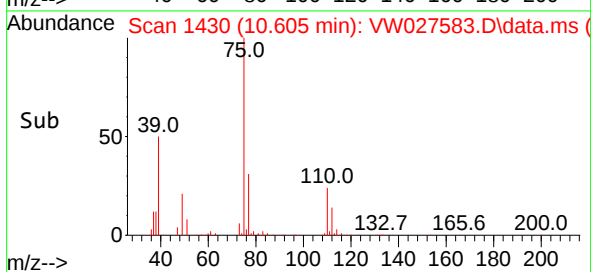
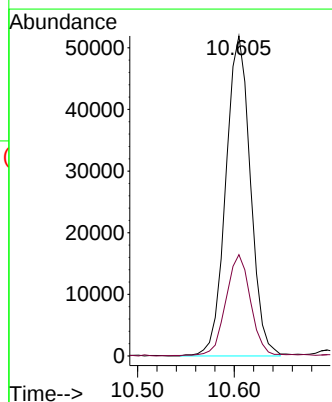
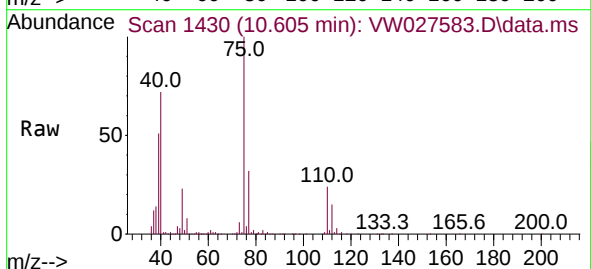
Instrument :
MSVOA_W
ClientSampleId :

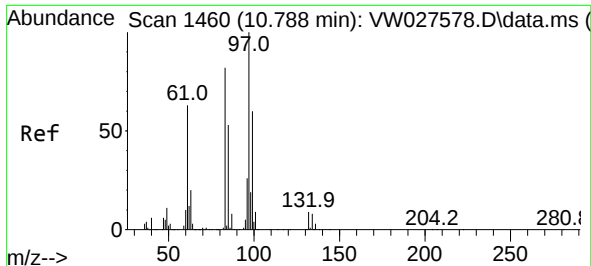
Tgt Ion: 91 Resp: 349909
Ion Ratio Lower Upper
91 100
92 58.9 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 22.874 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion: 75 Resp: 91979
Ion Ratio Lower Upper
75 100
77 31.6 23.7 44.1





#45

1,1,2-Trichloroethane

Concen: 21.749 ug/L

RT: 10.781 min Scan# 1459

Delta R.T. -0.006 min

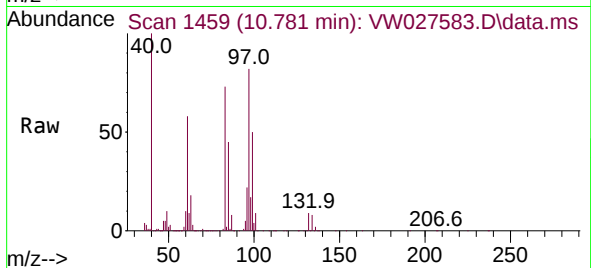
Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 52300

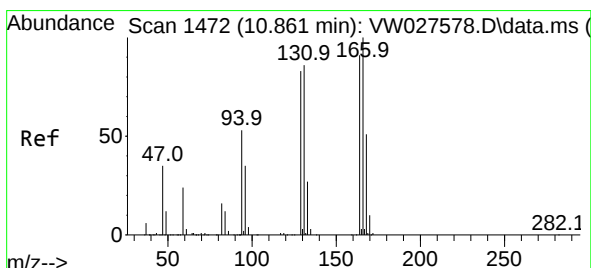
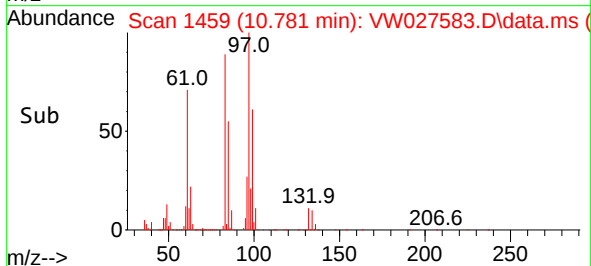
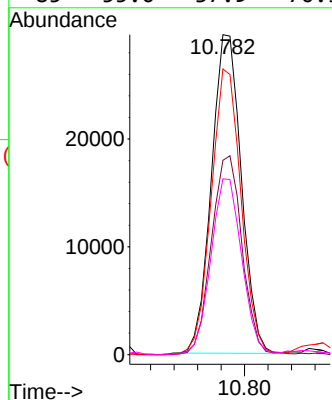
Ion Ratio Lower Upper

97 100

99 60.7 42.8 79.4

83 89.3 59.9 111.3

85 55.0 37.9 70.5



#46

Tetrachloroethene

Concen: 25.564 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Tgt Ion:164 Resp: 65104

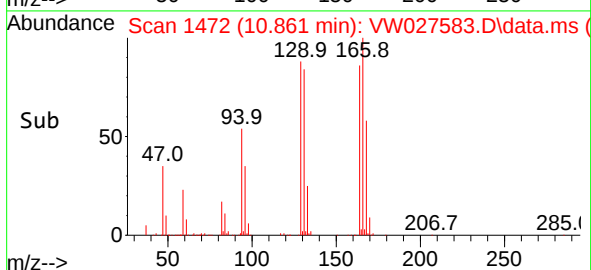
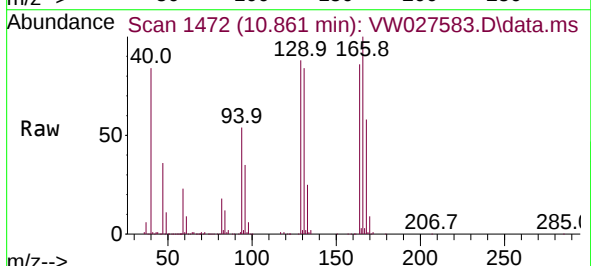
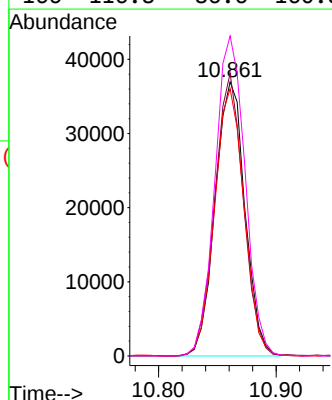
Ion Ratio Lower Upper

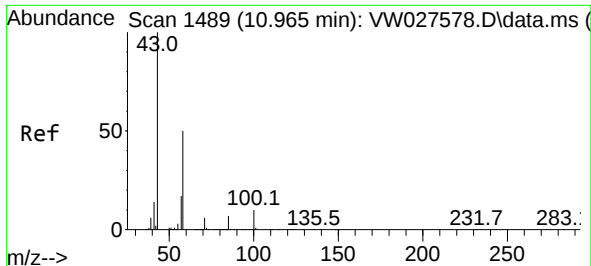
164 100

129 103.2 71.0 131.8

131 97.5 61.2 113.6

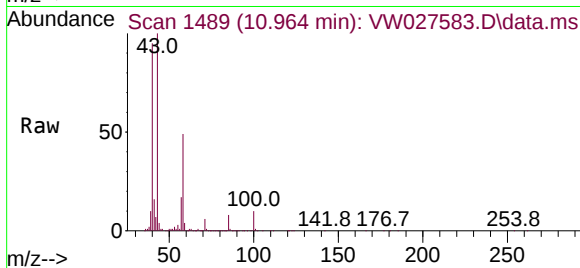
166 116.8 86.6 160.8



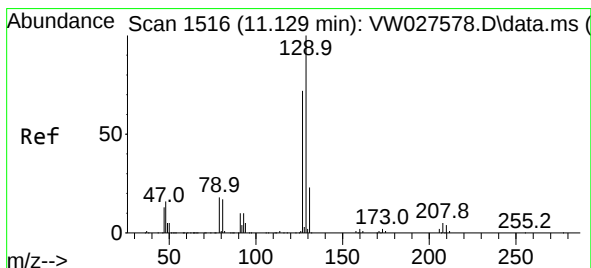
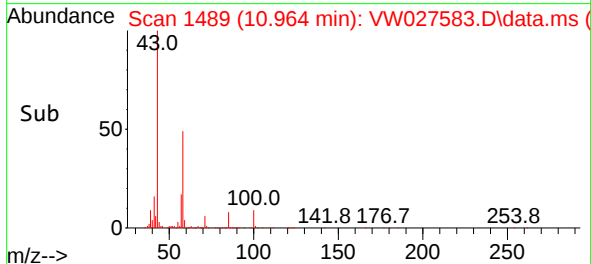
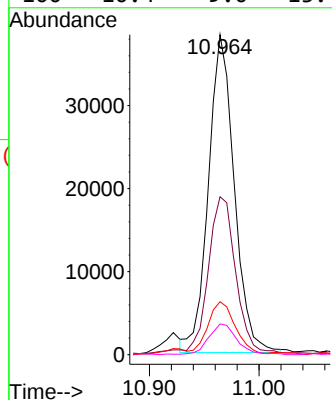


#48
2-Hexanone
Concen: 38.204 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Instrument :
MSVOA_W
ClientSampleId :

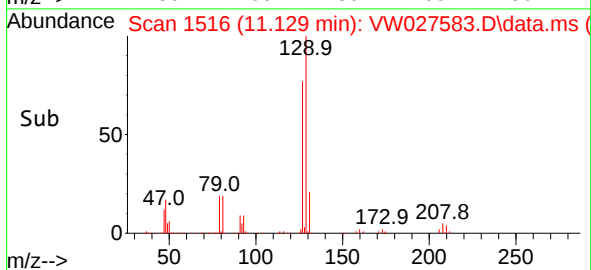
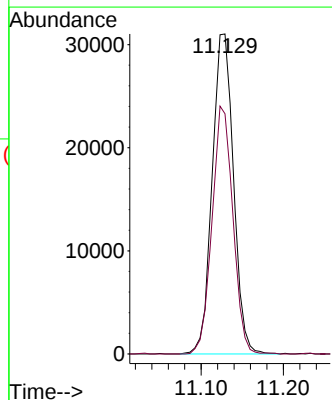
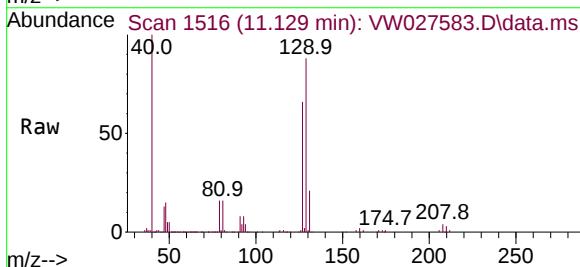


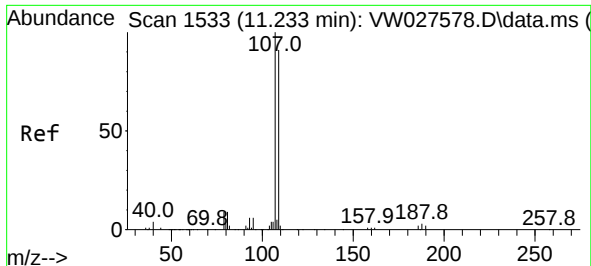
Tgt Ion:	43	Resp:	62843
Ion	Ratio	Lower	Upper
43	100		
58	51.7	40.8	61.2
57	17.6	14.8	22.2
100	10.4	9.0	13.4



#49
Dibromochloromethane
Concen: 23.517 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion:	129	Resp:	55902
Ion	Ratio	Lower	Upper
129	100		
127	75.0	52.3	97.1





#50

1,2-Dibromoethane

Concen: 21.715 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

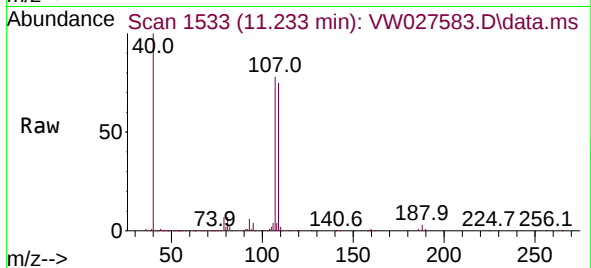
Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

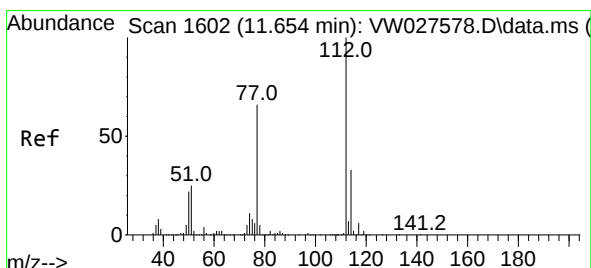
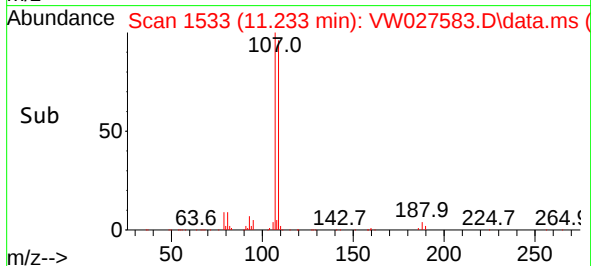
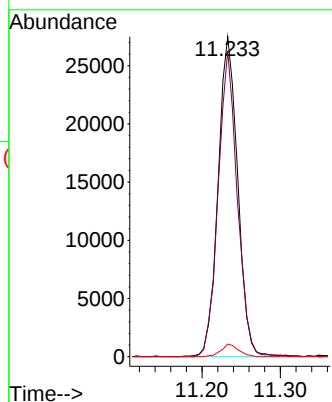
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	47774
Ion	Ratio	Lower	Upper
107	100		
109	95.5	64.8	120.3
188	4.0	2.7	4.1



#51

Chlorobenzene

Concen: 24.917 ug/L

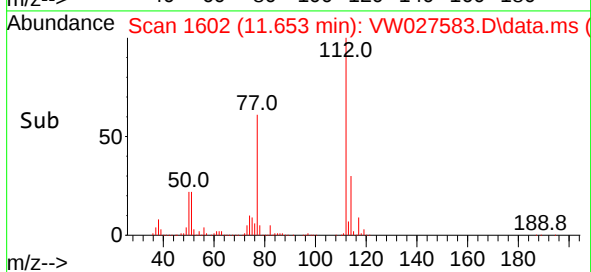
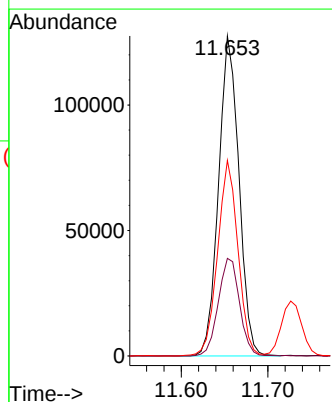
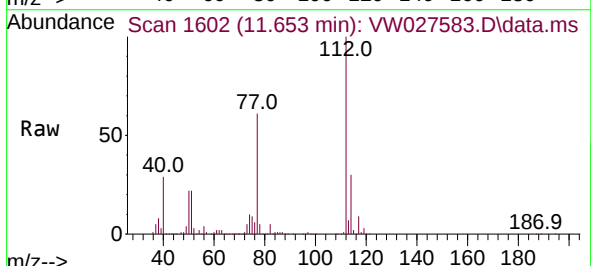
RT: 11.653 min Scan# 1602

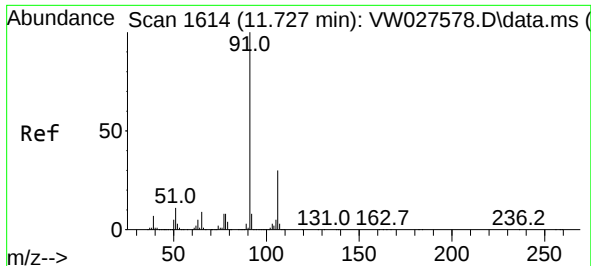
Delta R.T. -0.000 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Tgt Ion:	112	Resp:	207931
Ion	Ratio	Lower	Upper
112	100		
114	30.5	21.5	39.9
77	61.1	50.6	76.0

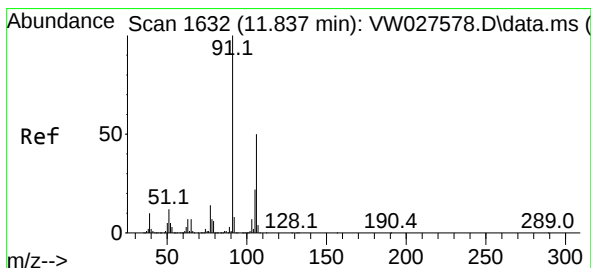
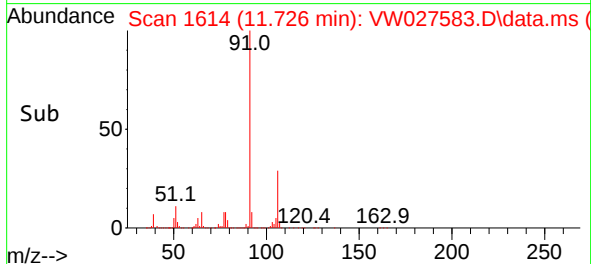
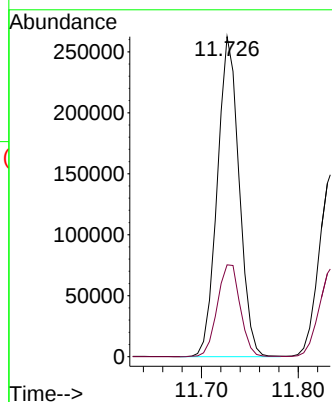
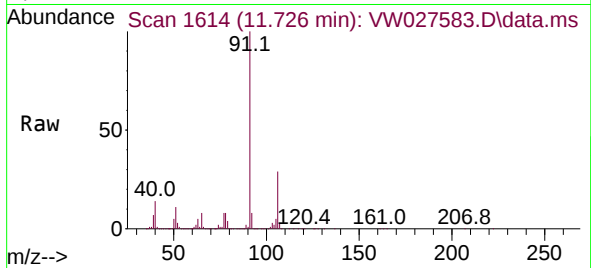




#52
Ethylbenzene
Concen: 26.125 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

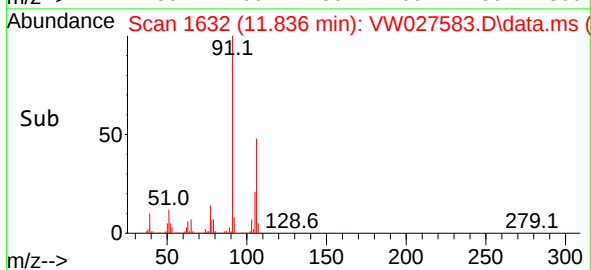
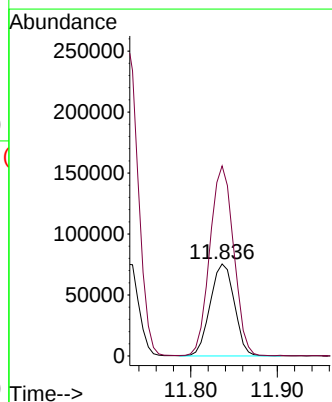
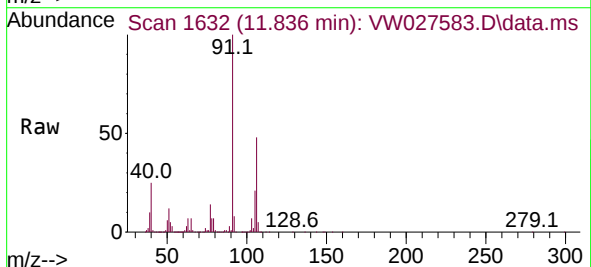
Instrument :
MSVOA_W
ClientSampleId :

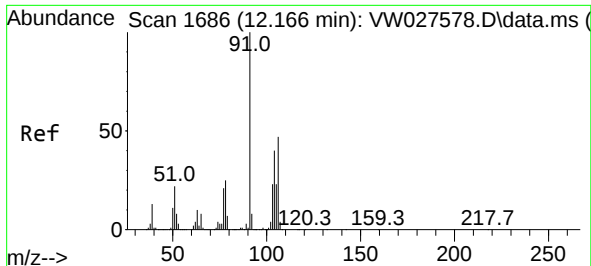
Tgt Ion: 91 Resp: 410492
Ion Ratio Lower Upper
91 100
106 28.7 19.5 36.1



#53
m,p-Xylene
Concen: 25.306 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion:106 Resp: 146516
Ion Ratio Lower Upper
106 100
91 206.6 142.1 263.9

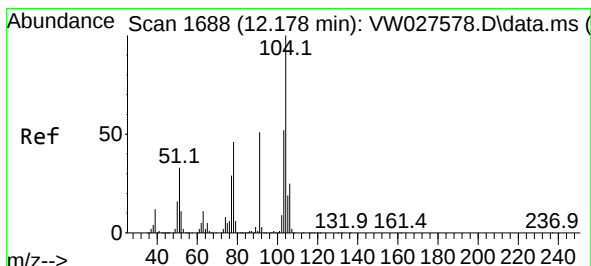
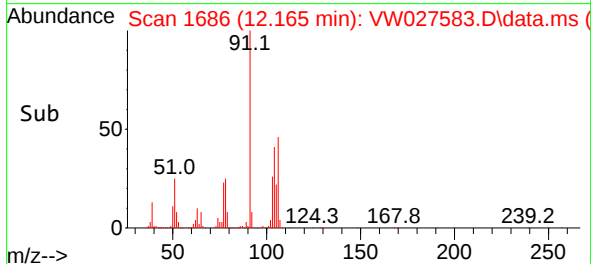
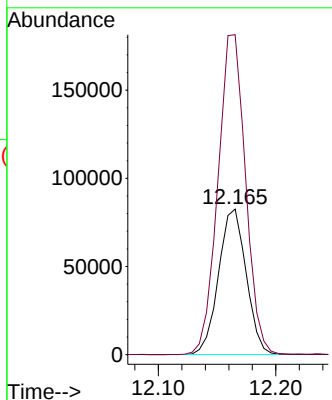
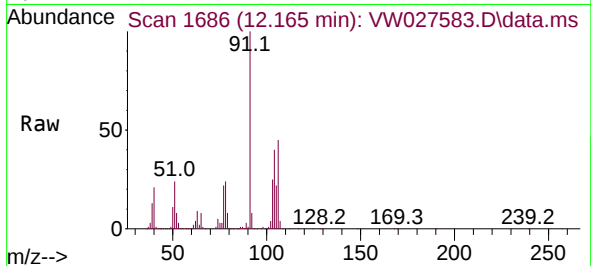




#54
o-Xylene
Concen: 25.578 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

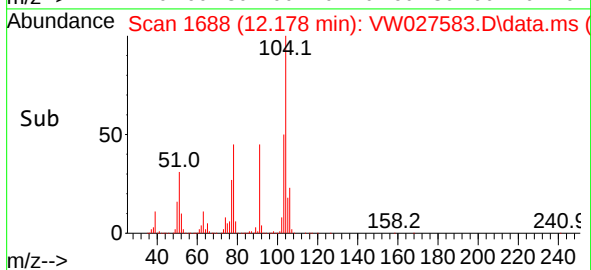
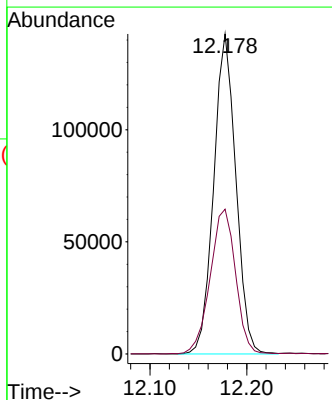
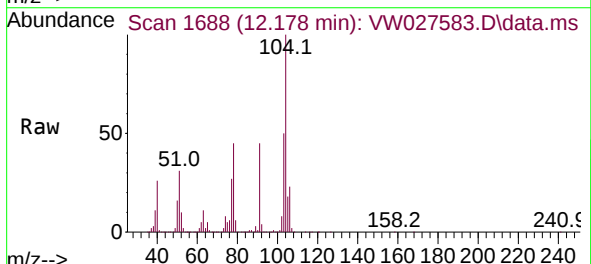
Instrument :
MSVOA_W
ClientSampleId :

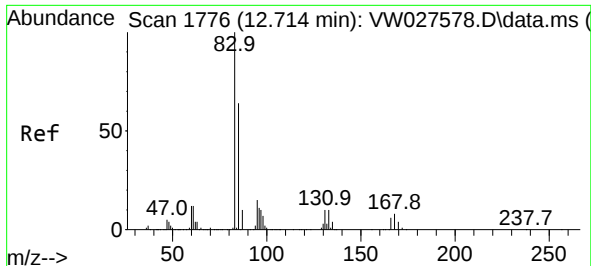
Tgt Ion:106 Resp: 134596
Ion Ratio Lower Upper
106 100
91 219.8 158.8 295.0



#55
Styrene
Concen: 25.229 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion:104 Resp: 226598
Ion Ratio Lower Upper
104 100
78 45.2 33.9 62.9





#57

1,1,2,2-Tetrachloroethane

Concen: 20.830 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Instrument :

MSVOA_W

ClientSampleId :

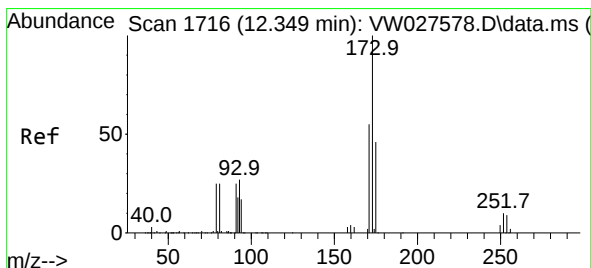
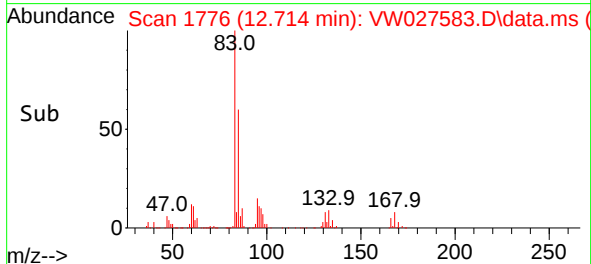
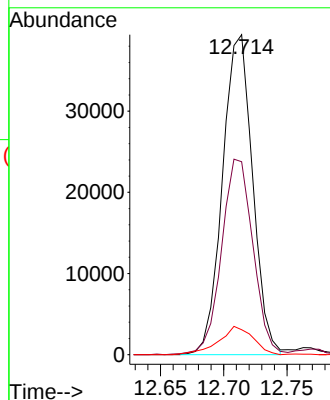
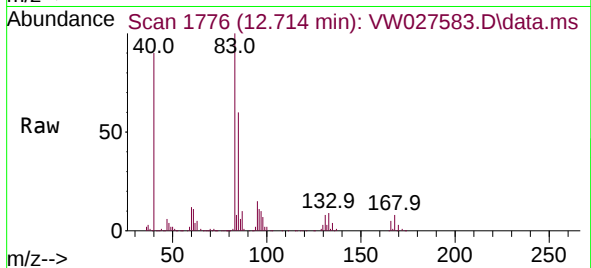
Tgt Ion: 83 Resp: 65212

Ion Ratio Lower Upper

83 100

85 60.3 41.9 77.7

131 7.8 7.0 10.6



#59

Bromoform

Concen: 21.642 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

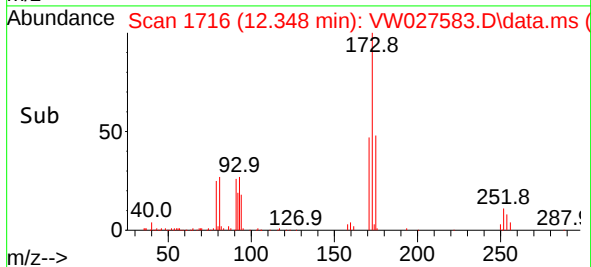
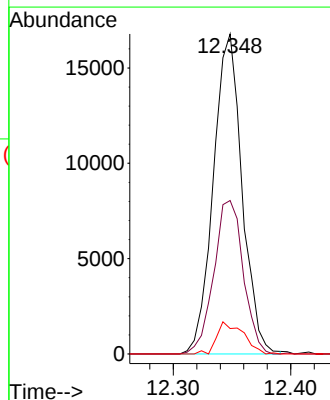
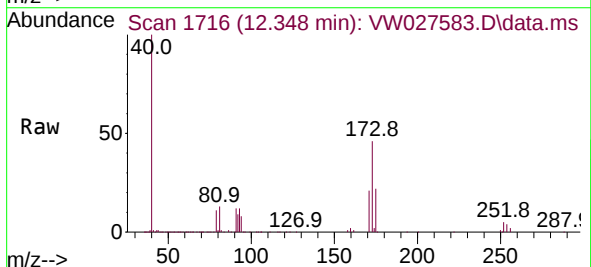
Tgt Ion:173 Resp: 28522

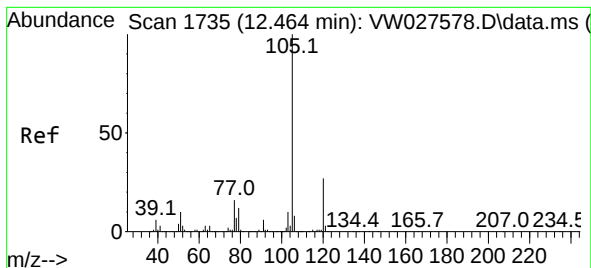
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

254 9.0 7.8 11.8





#60

Isopropylbenzene

Concen: 26.954 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Instrument :

MSVOA_W

ClientSampleId :

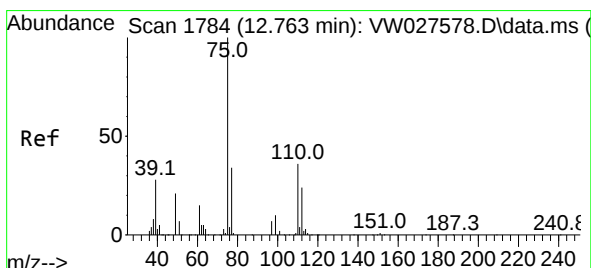
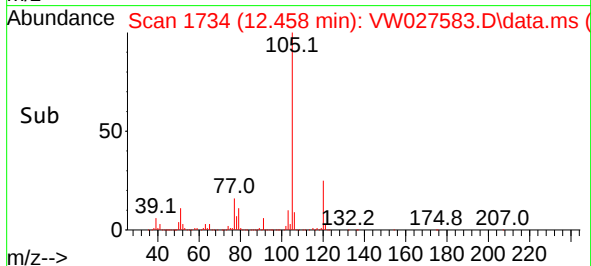
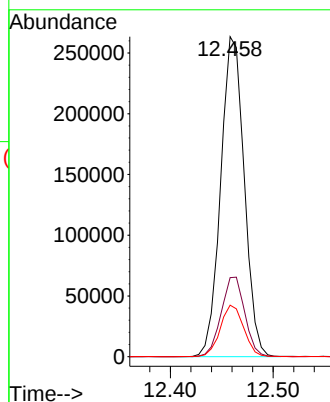
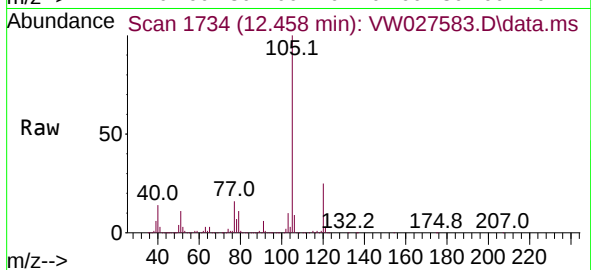
Tgt Ion:105 Resp: 418779

Ion Ratio Lower Upper

105 100

120 24.9 20.3 30.5

77 16.1 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 20.805 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

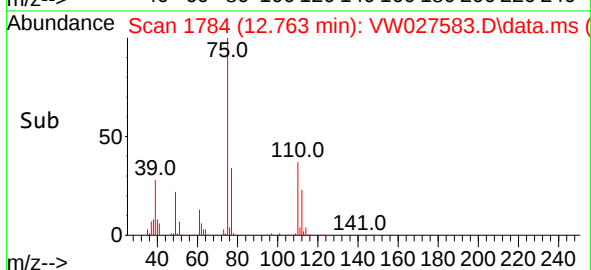
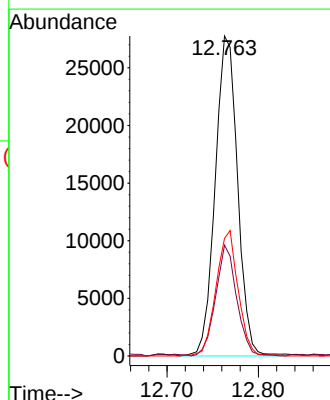
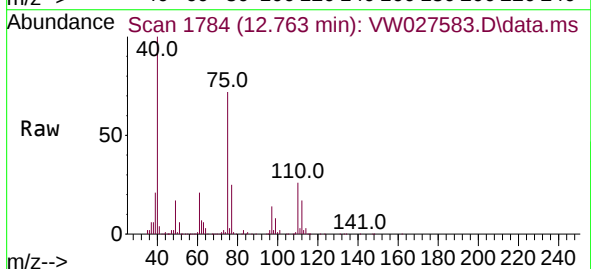
Tgt Ion: 75 Resp: 47220

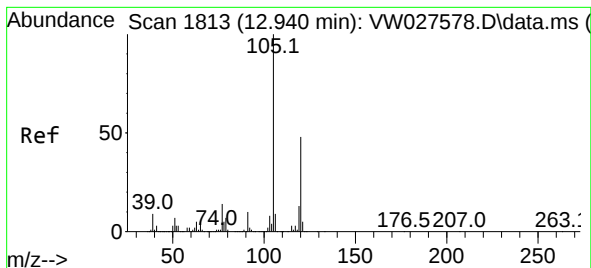
Ion Ratio Lower Upper

75 100

77 32.6 26.6 39.8

110 38.4 30.2 45.4

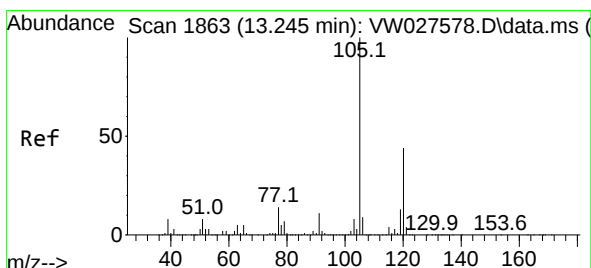
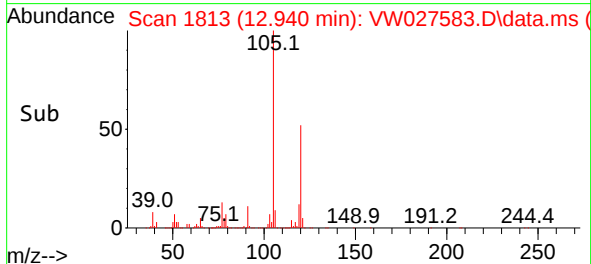
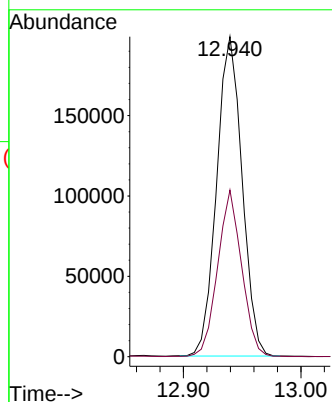
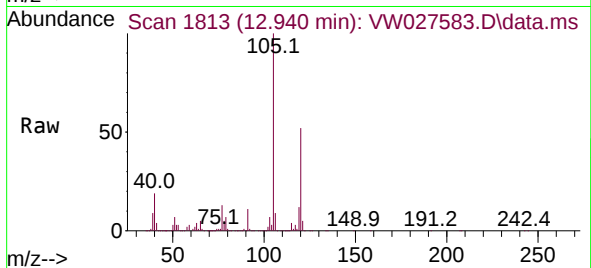




#62
 1,3,5-Trimethylbenzene
 Concen: 26.019 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW027583.D
 Acq: 08 Dec 2023 15:22

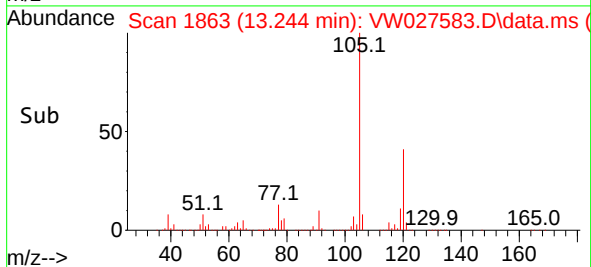
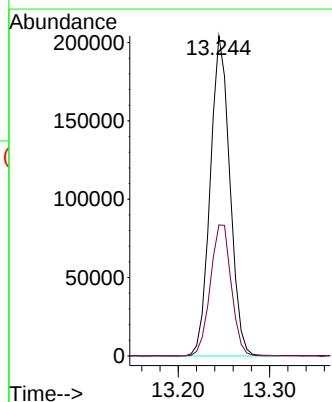
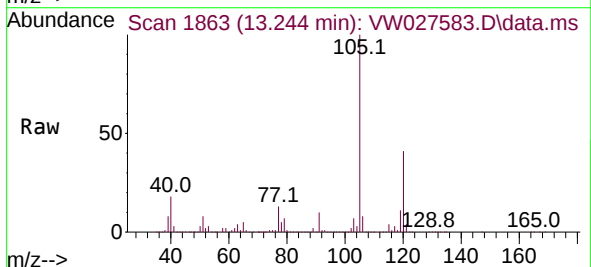
Instrument :
 MSVOA_W
 ClientSampleId :

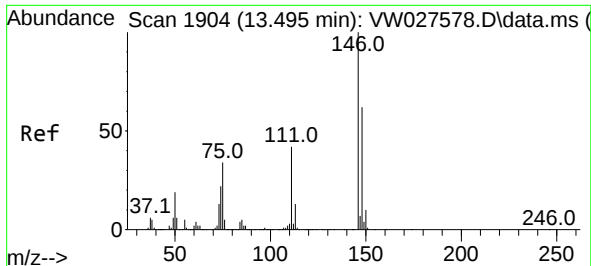
Tgt Ion:105 Resp: 298994
 Ion Ratio Lower Upper
 105 100
 120 49.2 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 26.577 ug/L
 RT: 13.244 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW027583.D
 Acq: 08 Dec 2023 15:22

Tgt Ion:105 Resp: 304160
 Ion Ratio Lower Upper
 105 100
 120 43.7 36.9 55.3

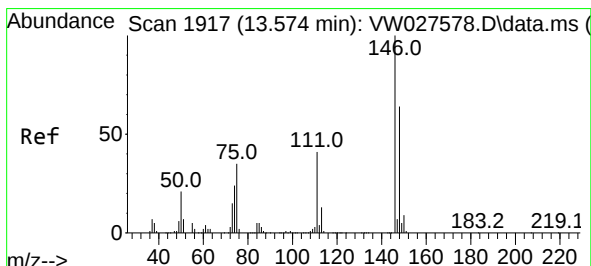
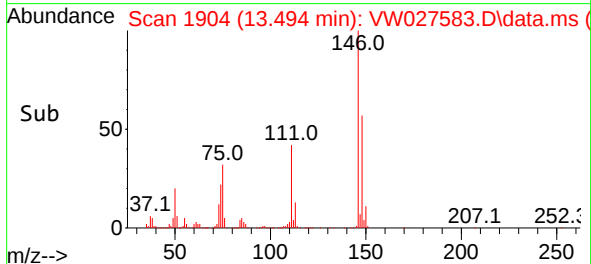
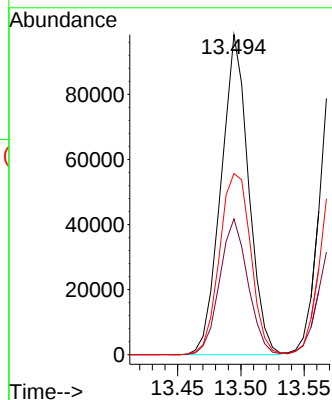
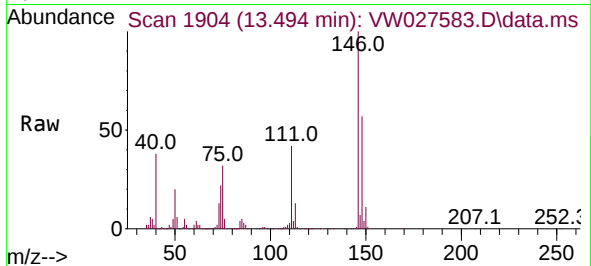




#64
1,3-Dichlorobenzene
Concen: 25.037 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

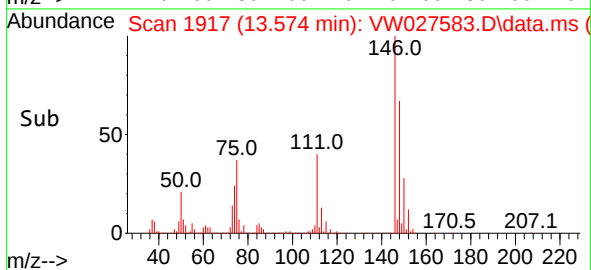
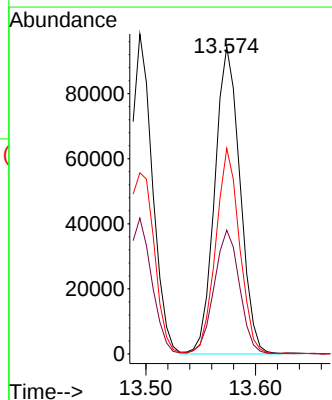
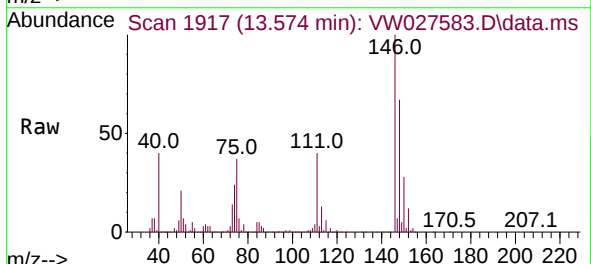
Instrument :
MSVOA_W
ClientSampleId :

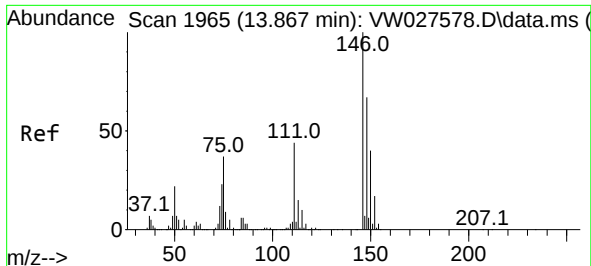
Tgt Ion:146 Resp: 149002
Ion Ratio Lower Upper
146 100
111 42.5 29.5 54.7
148 56.6 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 25.509 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion:146 Resp: 151420
Ion Ratio Lower Upper
146 100
111 40.3 28.9 53.7
148 67.0 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 24.099 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Instrument :

MSVOA_W

ClientSampleId :

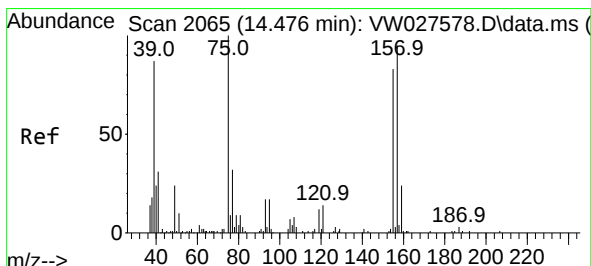
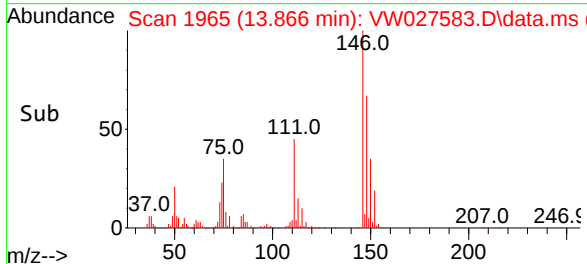
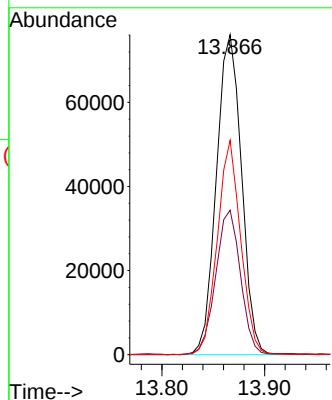
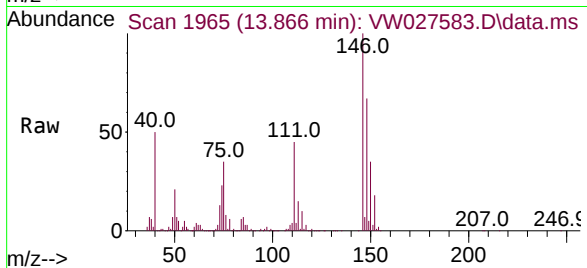
Tgt Ion:146 Resp: 129207

Ion Ratio Lower Upper

146 100

111 45.1 33.9 50.9

148 67.0 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 18.959 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

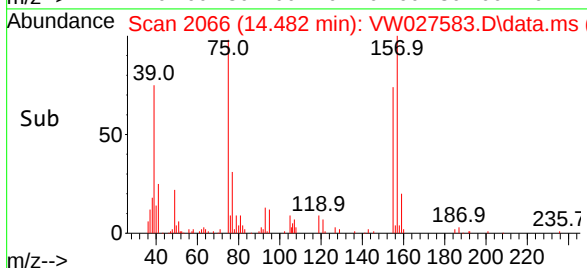
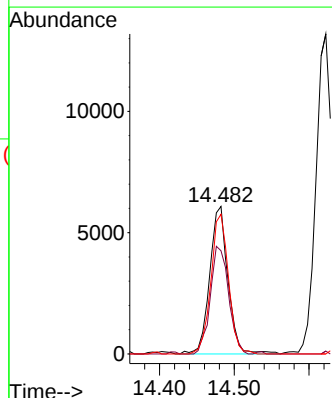
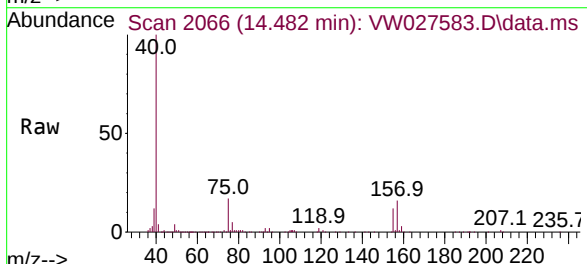
Tgt Ion: 75 Resp: 10350

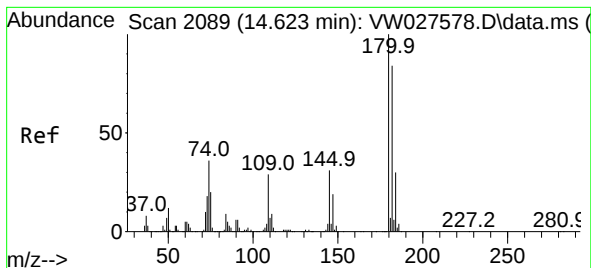
Ion Ratio Lower Upper

75 100

155 70.0 65.8 98.8

157 94.7 63.0 94.6#





#69

1,3,5-Trichlorobenzene

Concen: 24.746 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

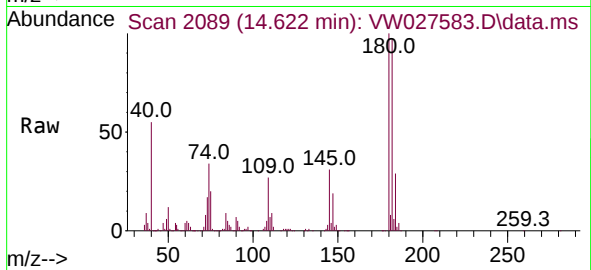
Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 99028

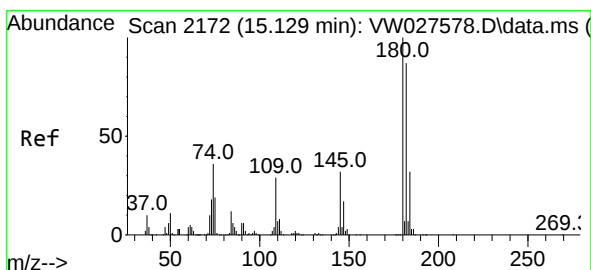
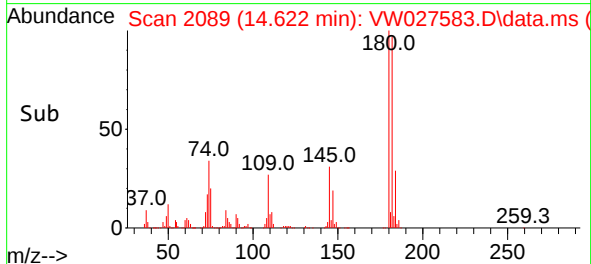
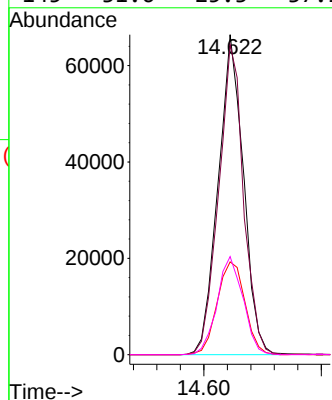
Ion Ratio Lower Upper

180 100

182 95.5 73.2 109.8

184 32.0 25.4 38.2

145 31.6 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 24.956 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027583.D

Acq: 08 Dec 2023 15:22

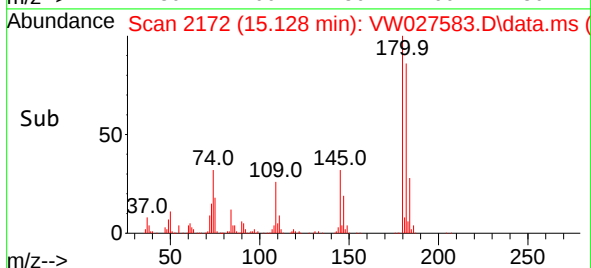
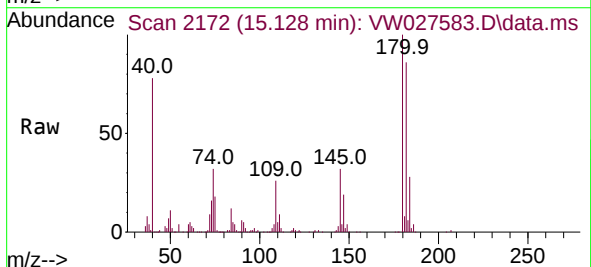
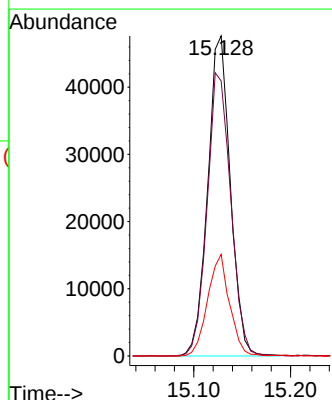
Tgt Ion:180 Resp: 77553

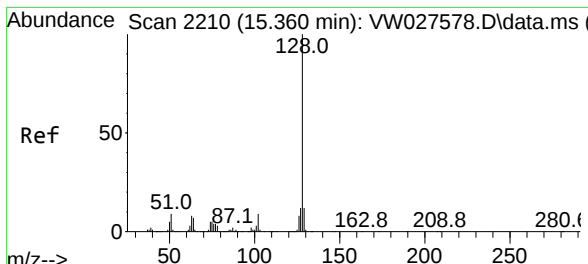
Ion Ratio Lower Upper

180 100

182 92.4 78.7 118.1

145 30.6 26.8 40.2



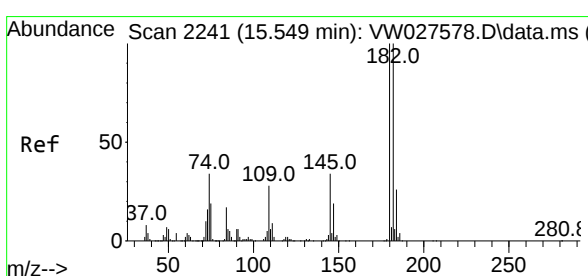
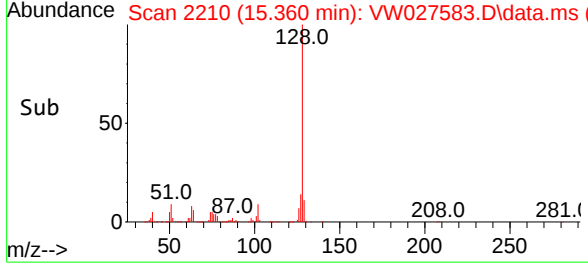
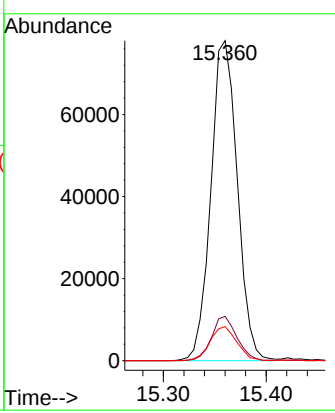
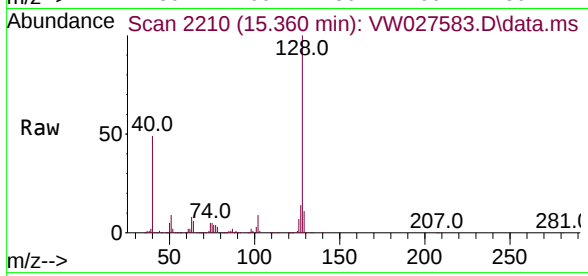


#71
Naphthalene
Concen: 21.335 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 139453

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.7	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.335 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027583.D
Acq: 08 Dec 2023 15:22

Tgt Ion:180 Resp: 62120

Ion	Ratio	Lower	Upper
180	100		
182	95.2	72.4	108.6
145	34.4	27.4	41.0

