

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
 Data File : VW026813.D
 Acq On : 23 Aug 2023 13:42
 Operator : SY/MD
 Sample : 04108-03MSRE
 Misc : 5.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 01:42:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	450378	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	439867	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	227312	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	162782	21.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.960%
7) Chloroethane-d5	2.893	69	127810	23.215	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.880%
11) 1,1-Dichloroethene-d2	4.027	65	86922	23.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.480%
21) 2-Butanone-d5	7.075	46	123158	57.876	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.760%
24) Chloroform-d	7.648	84	400376	26.487	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.960%
26) 1,2-Dichloroethane-d4	8.306	65	234340	28.092	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.360%
32) Benzene-d6	8.276	84	804124	26.525	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.120%
36) 1,2-Dichloropropane-d6	9.276	67	247350	26.194	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.760%
41) Toluene-d8	10.324	98	715987	27.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.040%
43) trans-1,3-Dichloroprop...	10.574	79	108189	27.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.000%
47) 2-Hexanone-d5	10.922	63	68053	68.586	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.180%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	233094	31.257	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.040%#
66) 1,2-Dichlorobenzene-d4	13.854	152	219513	26.980	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	141563m	23.118	ug/L	
3) Chloromethane	2.228	50	129107	15.419	ug/L	98
5) Vinyl chloride	2.375	62	144776	18.087	ug/L	100
6) Bromomethane	2.789	94	86027	18.447	ug/L	99
8) Chloroethane	2.929	64	84880	17.697	ug/L	97
9) Trichlorofluoromethane	3.265	101	128245	19.523	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	140304	19.773	ug/L	95
12) 1,1-Dichloroethene	4.045	96	140080	21.043	ug/L	86
13) Acetone	4.124	43	79924	37.774	ug/L	97
14) Carbon disulfide	4.393	76	426642	17.815	ug/L	98
15) Methyl Acetate	4.673	43	95827	22.610	ug/L	95
16) Methylene chloride	4.923	84	192141	22.054	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	152797	20.569	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	265609	23.631	ug/L	99
19) 1,1-Dichloroethane	6.215	63	315613	20.643	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	172658	21.624	ug/L	97
22) 2-Butanone	7.166	43	135442	43.437	ug/L	96
23) Bromochloromethane	7.520	128	78321	22.708	ug/L #	85
25) Chloroform	7.679	83	317488	21.495	ug/L	99

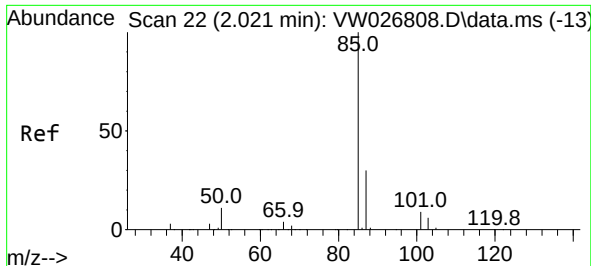
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

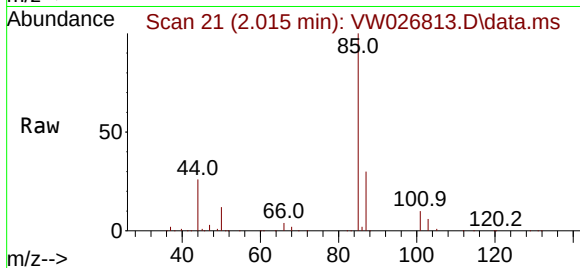
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	231274	22.445	ug/L	100
29) Cyclohexane	7.959	56	229497	16.871	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	254875	22.202	ug/L	98
31) Carbon tetrachloride	8.075	117	230888	21.997	ug/L	94
33) Benzene	8.325	78	686766	21.440	ug/L	100
34) Trichloroethene	9.093	95	174888	21.437	ug/L	97
35) Methylcyclohexane	9.337	83	190039	13.616	ug/L	98
37) 1,2-Dichloropropane	9.367	63	187483	21.368	ug/L	98
38) Bromodichloromethane	9.642	83	233288	22.665	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	290146	22.987	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	289589	50.741	ug/L	97
42) Toluene	10.385	91	722955	22.311	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	256073	23.570	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	143162	23.858	ug/L	98
46) Tetrachloroethene	10.861	164	179443	30.276	ug/L	99
48) 2-Hexanone	10.965	43	198529	51.122	ug/L	95
49) Dibromochloromethane	11.129	129	151997	24.219	ug/L	99
50) 1,2-Dibromoethane	11.233	107	137176	24.364	ug/L	95
51) Chlorobenzene	11.660	112	438405	21.419	ug/L	97
52) Ethylbenzene	11.727	91	770772	21.211	ug/L	98
53) m,p-Xylene	11.836	106	291352	21.643	ug/L	97
54) o-Xylene	12.166	106	273995	21.808	ug/L	98
55) Styrene	12.178	104	509995	23.346	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	189743	24.968	ug/L	100
59) Bromoform	12.348	173	92453	25.964	ug/L	96
60) Isopropylbenzene	12.464	105	699549	20.699	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	142957	25.927	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	529052	19.805	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	539450	20.608	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	305570	20.790	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	315863	20.593	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	292398	21.877	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	33325	25.070	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	145116	14.614	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	129029	15.326	ug/L	97
71) Naphthalene	15.360	128	354879	22.098	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	126336	16.637	ug/L	98

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

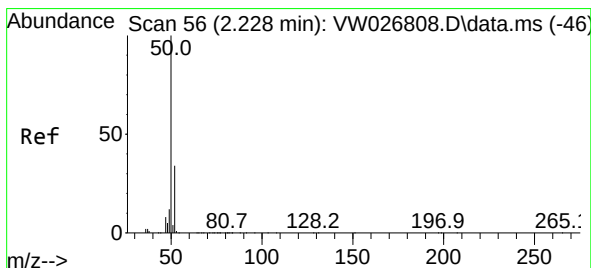
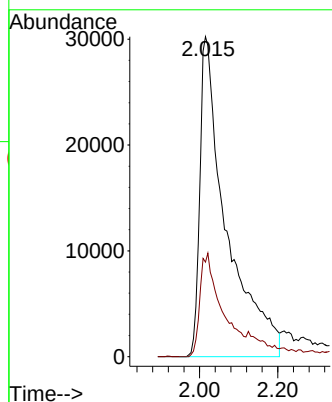
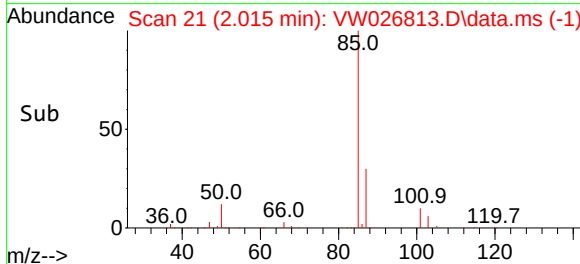


#2
 Dichlorodifluoromethane
 Concen: 23.118 ug/L m
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026813.D
 Acq: 23 Aug 2023 13:42

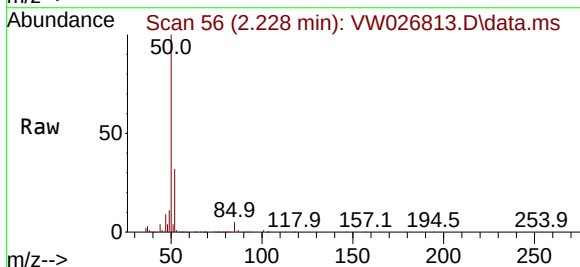
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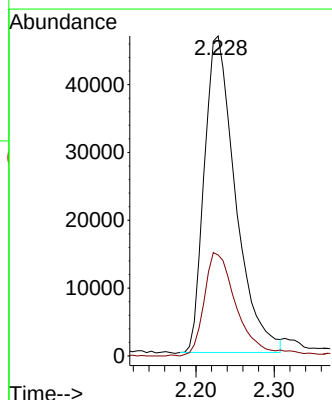
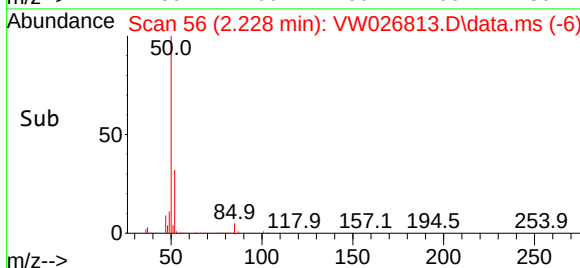
Tgt Ion: 85 Resp: 141563
 Ion Ratio Lower Upper
 85 100
 87 26.9 19.5 29.3

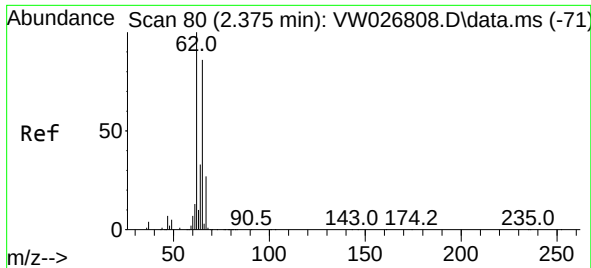


#3
 Chloromethane
 Concen: 15.419 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026813.D
 Acq: 23 Aug 2023 13:42



Tgt Ion: 50 Resp: 129107
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.0 42.8

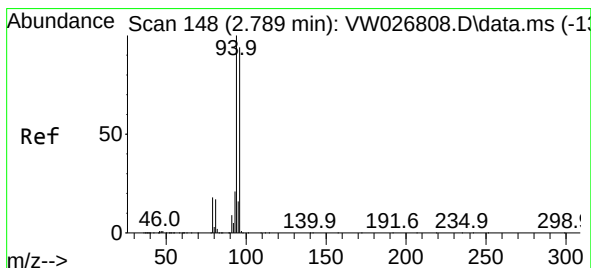
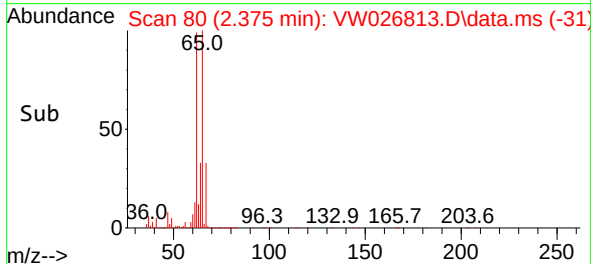
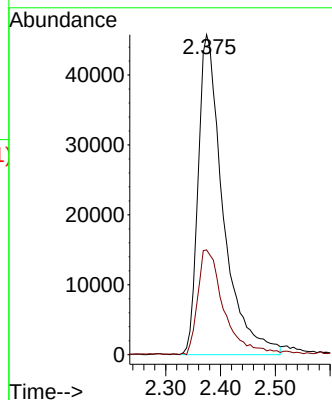
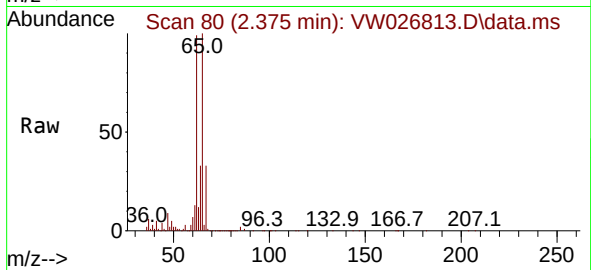




#5
 Vinyl chloride
 Concen: 18.087 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026813.D
 Acq: 23 Aug 2023 13:42

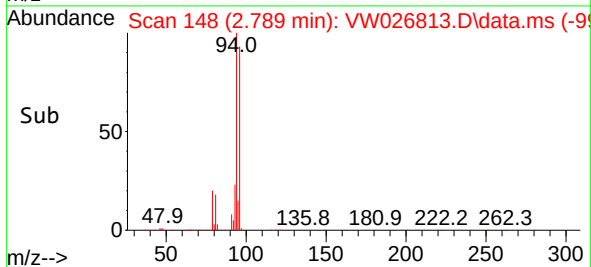
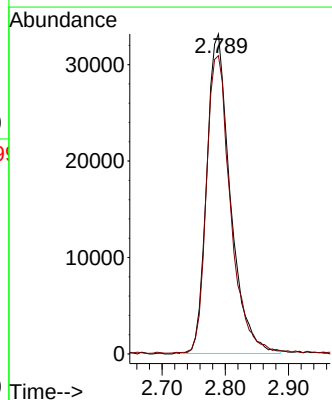
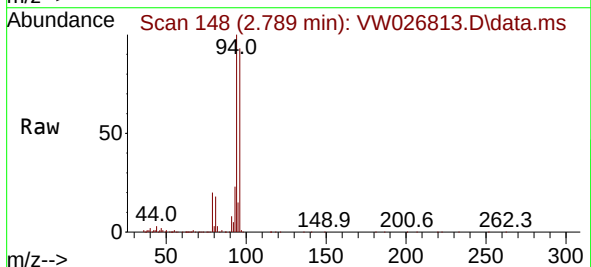
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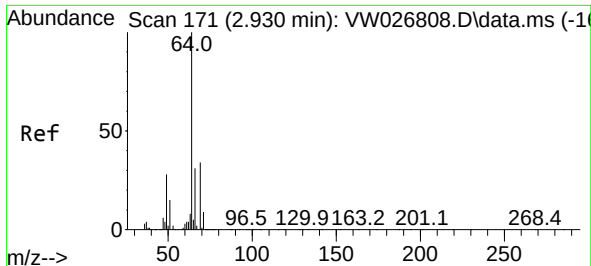
Tgt Ion: 62 Resp: 144776
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.7 42.3



#6
 Bromomethane
 Concen: 18.447 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW026813.D
 Acq: 23 Aug 2023 13:42

Tgt Ion: 94 Resp: 86027
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.8 120.3

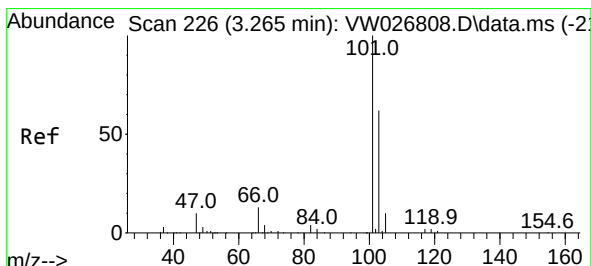
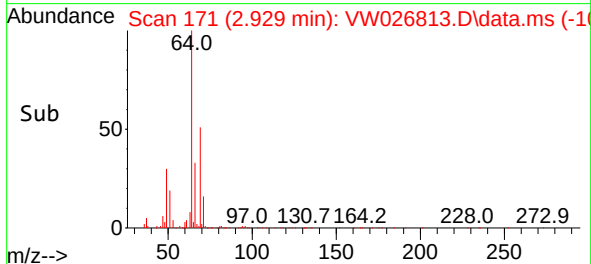
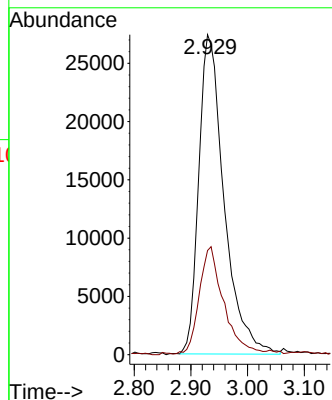
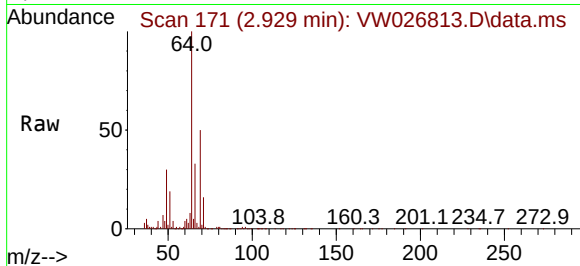




#8
Chloroethane
Concen: 17.697 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

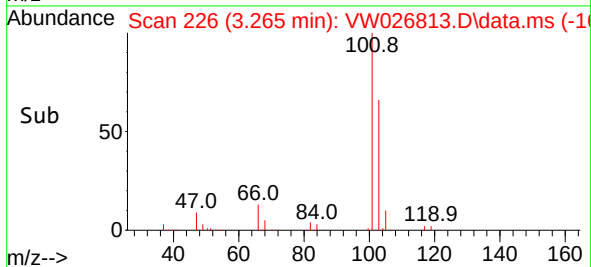
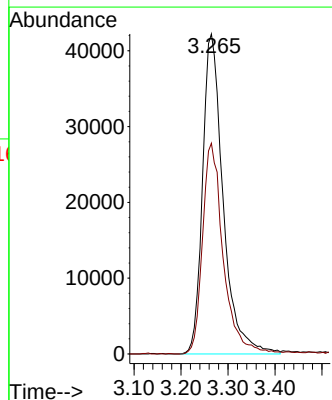
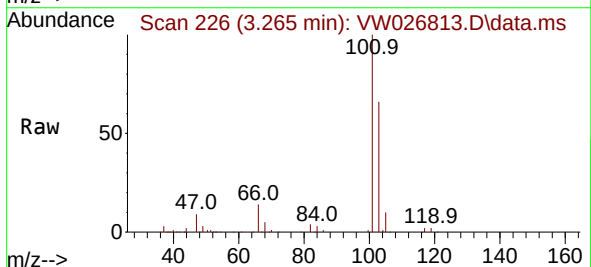
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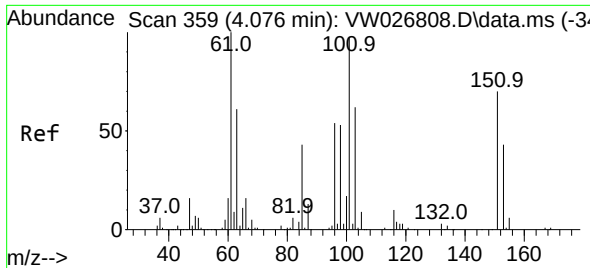
Tgt Ion: 64 Resp: 84880
Ion Ratio Lower Upper
64 100
66 32.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.523 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

Tgt Ion: 101 Resp: 128245
Ion Ratio Lower Upper
101 100
103 65.6 51.9 77.9

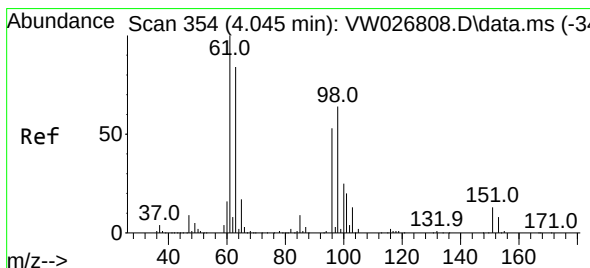
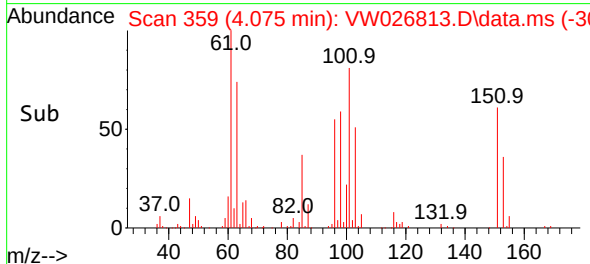
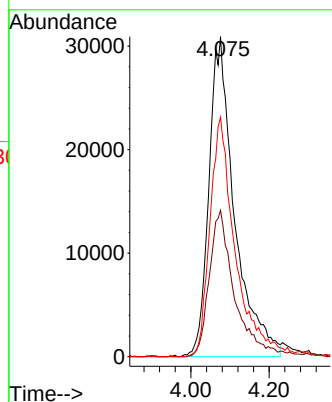
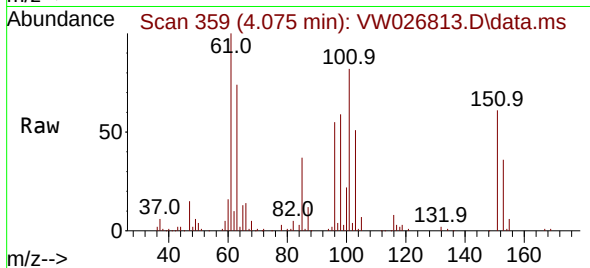




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.773 ug/L
 RT: 4.075 min Scan# 359
 Delta R.T. 0.006 min
 Lab File: VW026813.D
 Acq: 23 Aug 2023 13:42

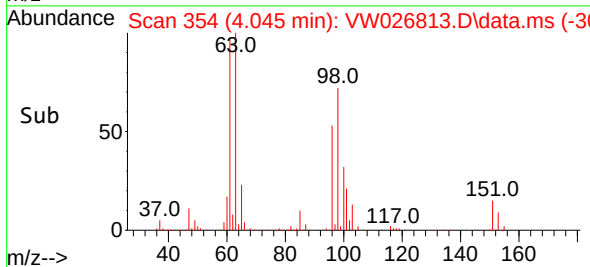
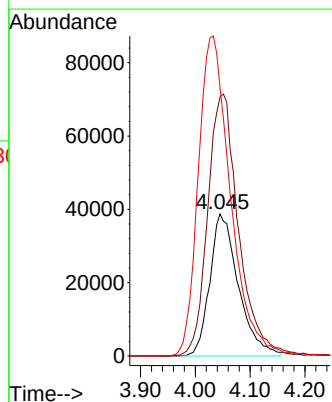
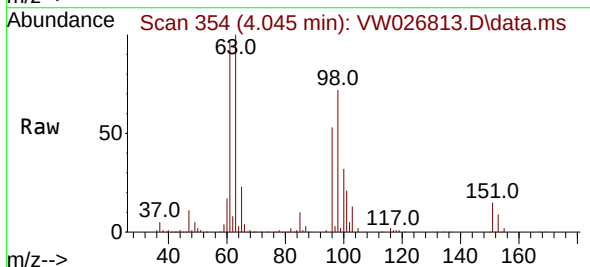
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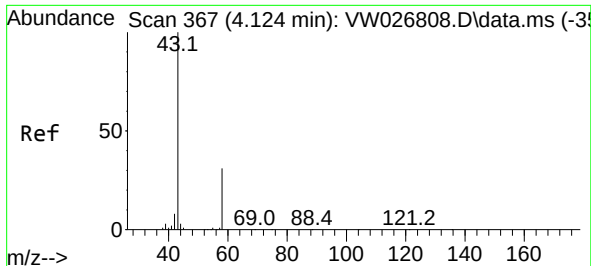
Tgt Ion:101 Resp: 140304
 Ion Ratio Lower Upper
 101 100
 85 43.4 32.8 49.2
 151 72.0 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 21.043 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW026813.D
 Acq: 23 Aug 2023 13:42

Tgt Ion: 96 Resp: 140080
 Ion Ratio Lower Upper
 96 100
 61 182.2 133.2 247.4
 63 188.5 109.0 202.4

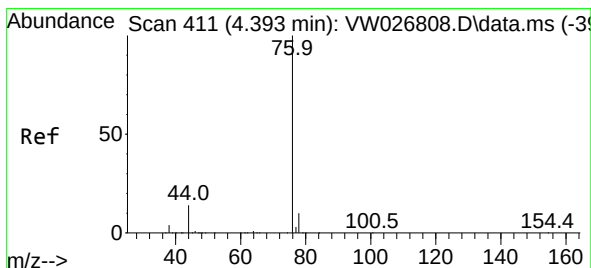
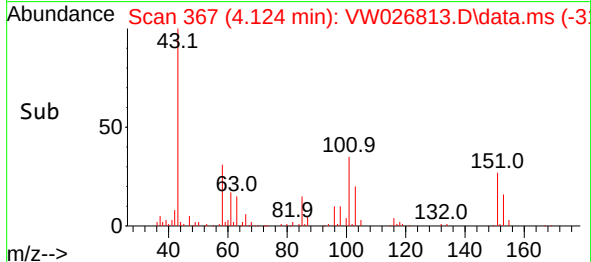
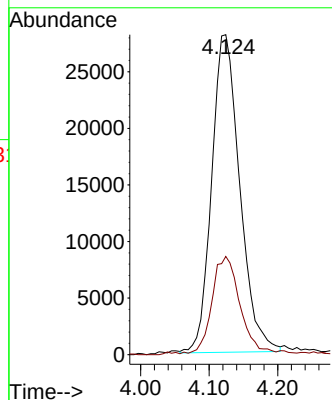
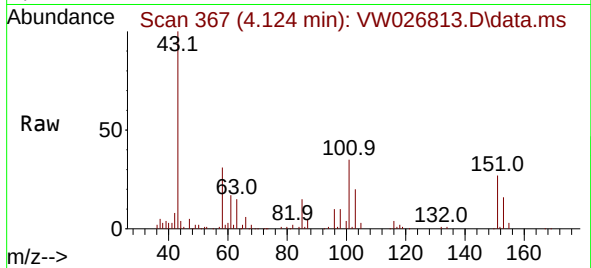




#13
Acetone
Concen: 37.774 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

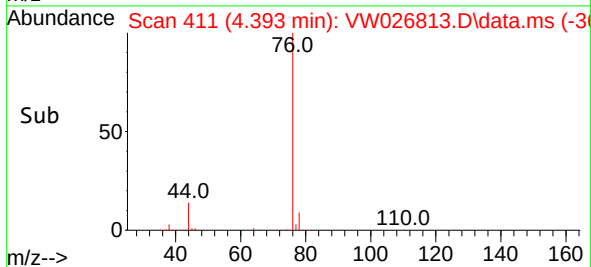
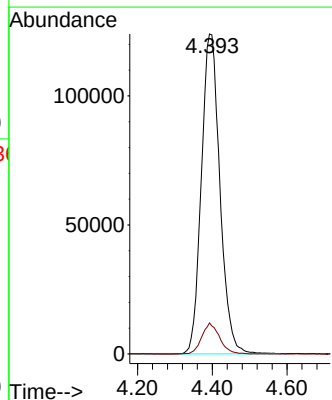
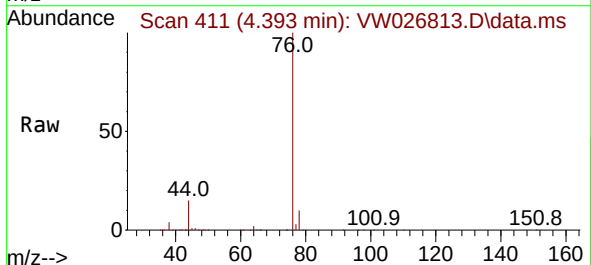
Instrument :
MSVOA_W
ClientSampleId :

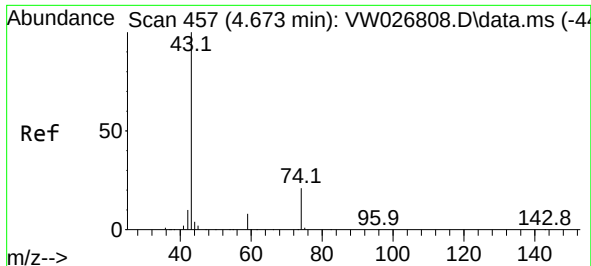
Tgt Ion: 43 Resp: 79924
Ion Ratio Lower Upper
43 100
58 30.5 0.0 57.4



#14
Carbon disulfide
Concen: 17.815 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

Tgt Ion: 76 Resp: 426642
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

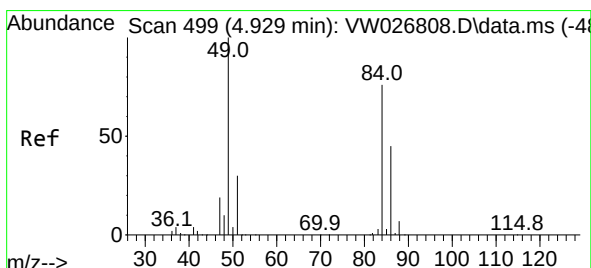
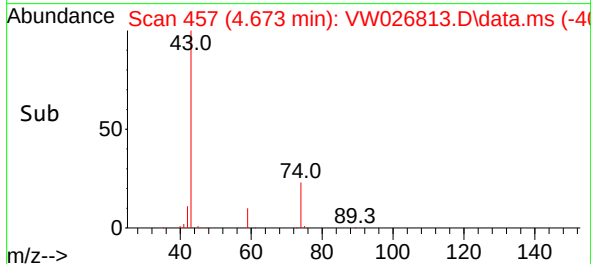
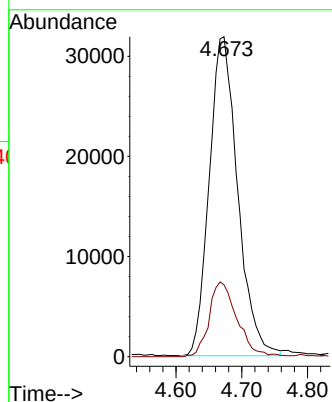
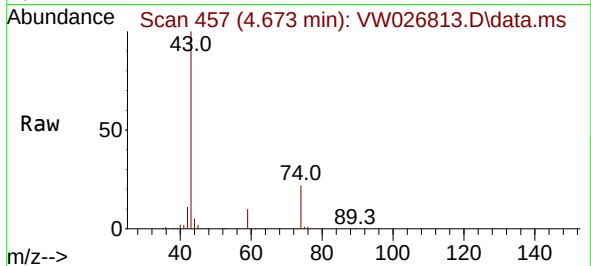




#15
Methyl Acetate
Concen: 22.610 ug/L
RT: 4.673 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

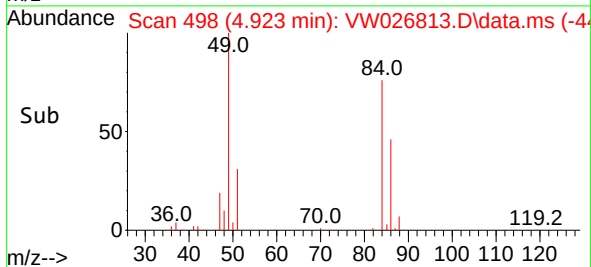
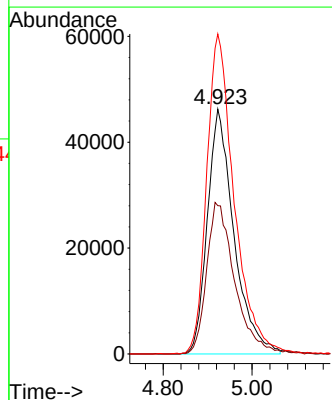
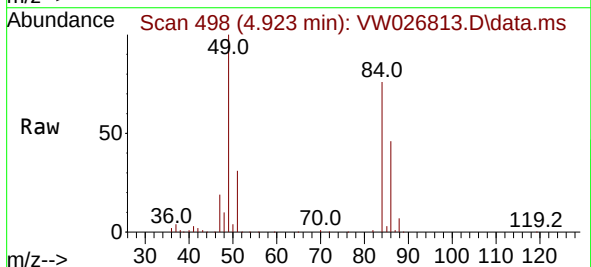
Instrument :
MSVOA_W
ClientSampleId :

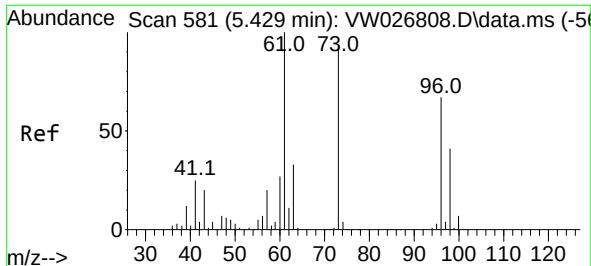
Tgt Ion: 43 Resp: 95827
Ion Ratio Lower Upper
43 100
74 22.7 16.4 24.6



#16
Methylene chloride
Concen: 22.054 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

Tgt Ion: 84 Resp: 192141
Ion Ratio Lower Upper
84 100
86 60.6 43.5 80.9
49 130.7 96.0 178.2

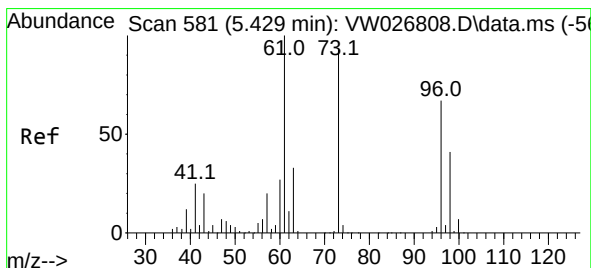
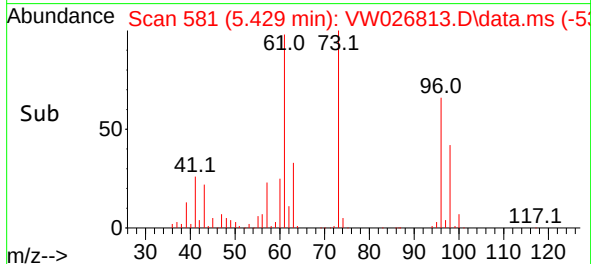
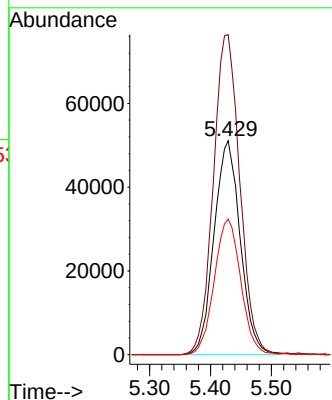
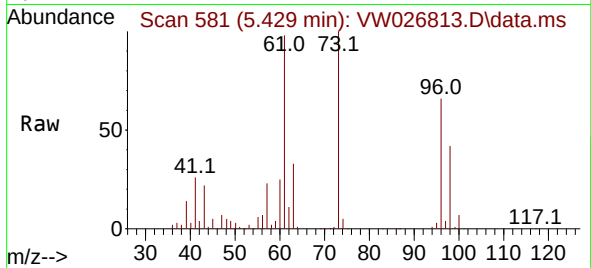




#17
trans-1,2-Dichloroethene
Concen: 20.569 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

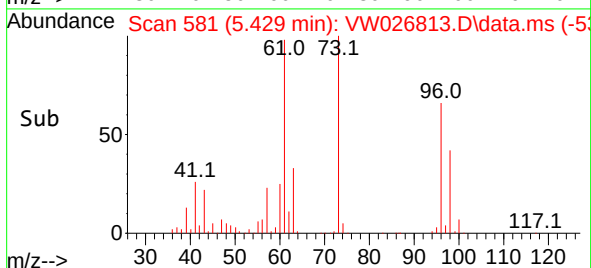
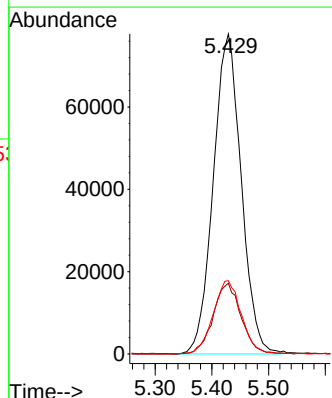
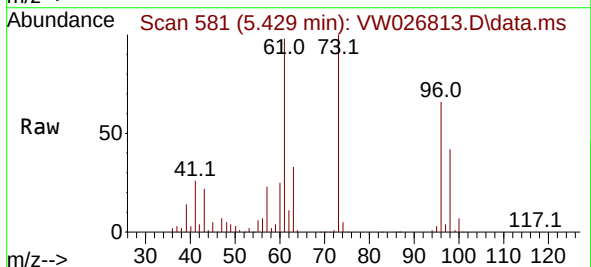
Instrument :
MSVOA_W
ClientSampleId :

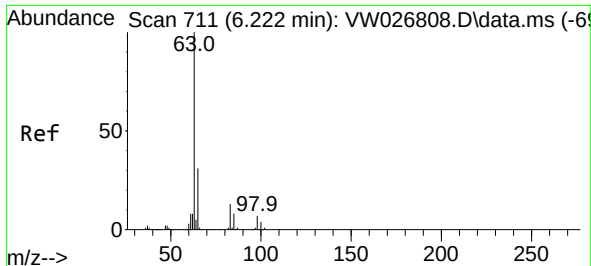
Tgt Ion: 96 Resp: 152797
Ion Ratio Lower Upper
96 100
61 149.6 109.4 203.2
98 63.3 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 23.631 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

Tgt Ion: 73 Resp: 265609
Ion Ratio Lower Upper
73 100
43 22.2 18.0 27.0
57 23.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 20.643 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

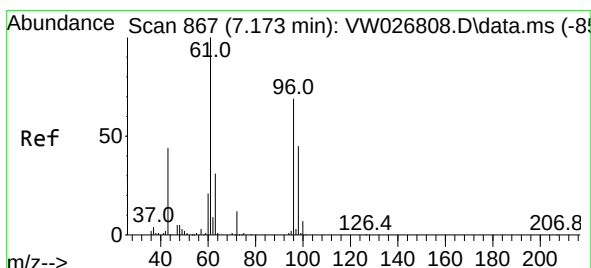
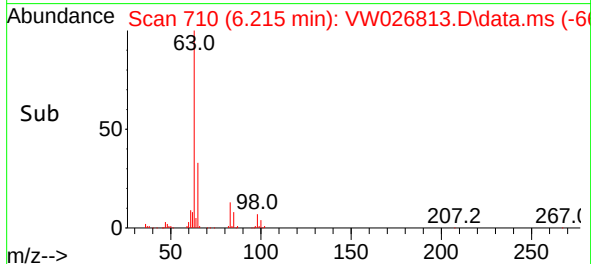
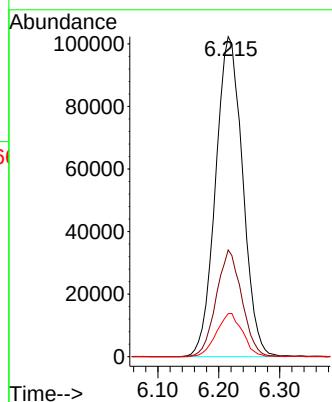
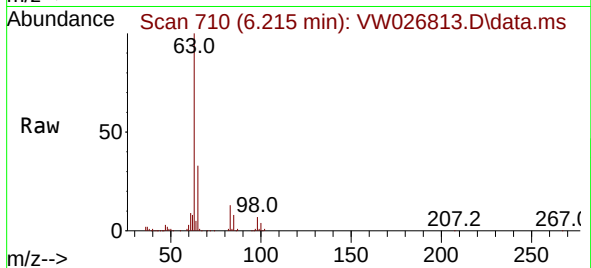
Tgt Ion: 63 Resp: 315613

Ion Ratio Lower Upper

63 100

65 33.3 21.8 40.6

83 13.5 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 21.624 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

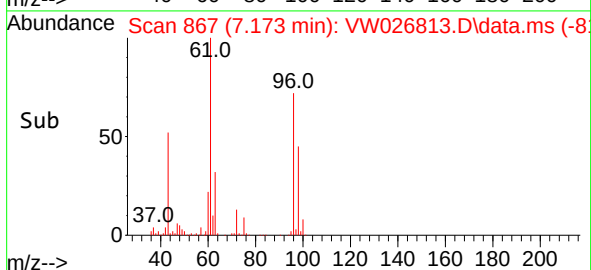
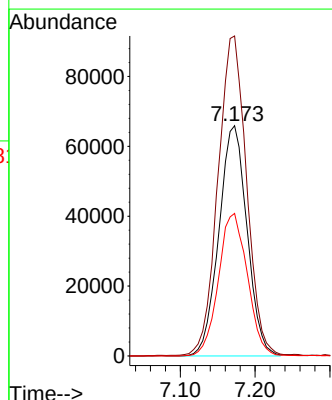
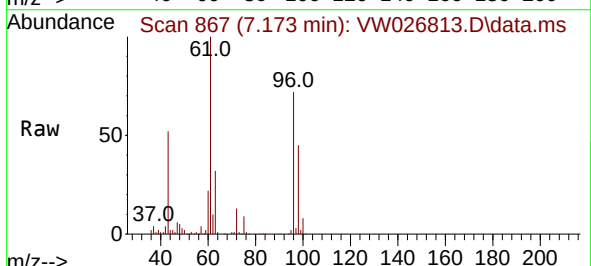
Tgt Ion: 96 Resp: 172658

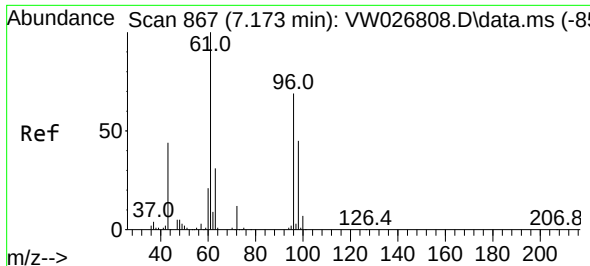
Ion Ratio Lower Upper

96 100

61 139.0 101.2 188.0

98 61.9 43.8 81.3

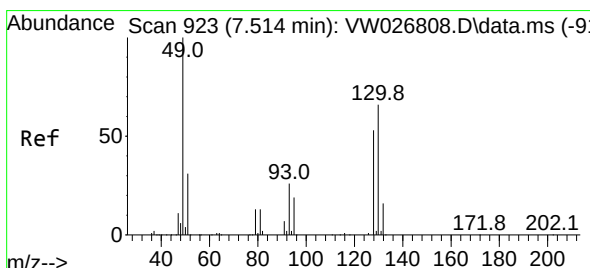
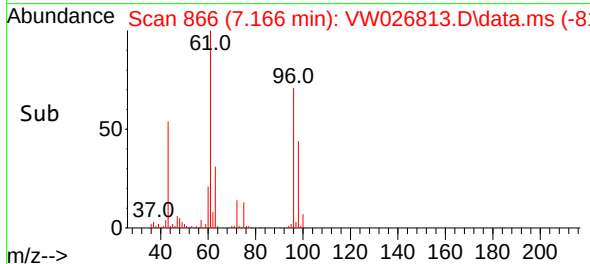
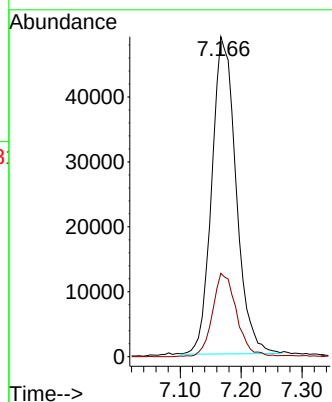
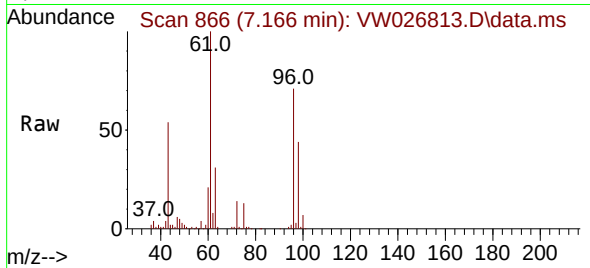




#22
2-Butanone
Concen: 43.437 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

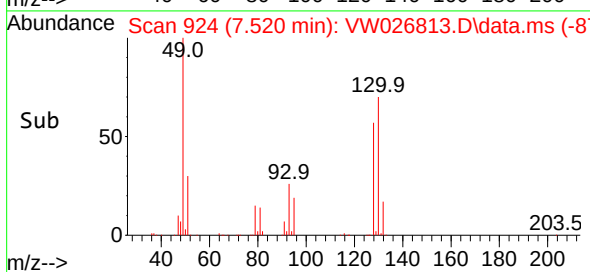
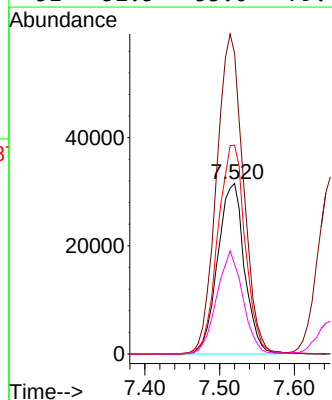
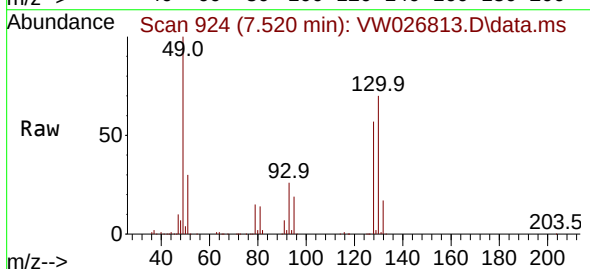
Instrument :
MSVOA_W
ClientSampleId :

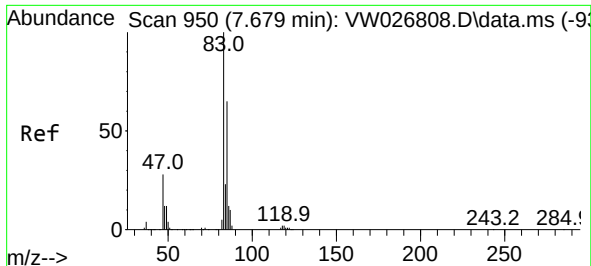
Tgt Ion: 43 Resp: 135442
Ion Ratio Lower Upper
43 100
72 25.5 11.8 35.4



#23
Bromochloromethane
Concen: 22.708 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

Tgt Ion: 128 Resp: 78321
Ion Ratio Lower Upper
128 100
49 176.1 143.1 265.7
130 122.4 91.8 170.4
51 52.5 53.0 79.4





#25

Chloroform

Concen: 21.495 ug/L

RT: 7.679 min Scan# 91

Delta R.T. -0.000 min

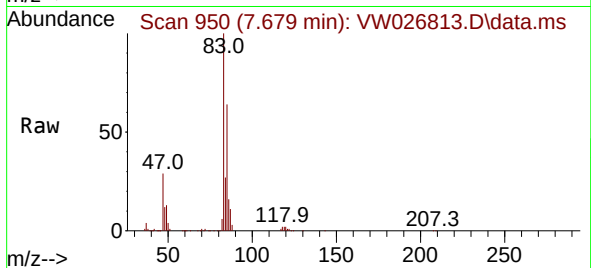
Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

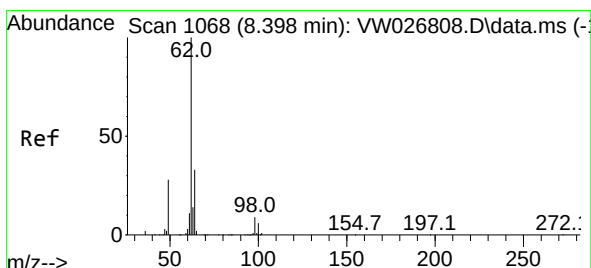
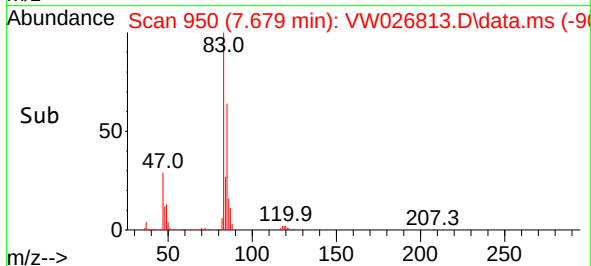
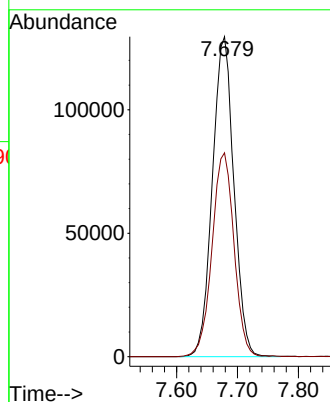


Tgt Ion: 83 Resp: 317488

Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 22.445 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026813.D

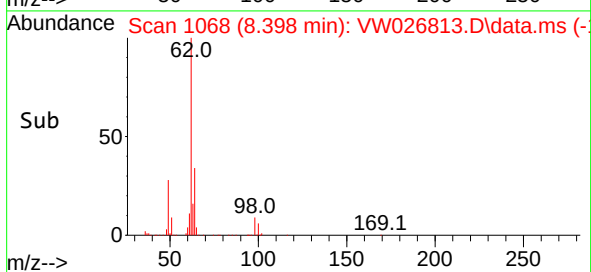
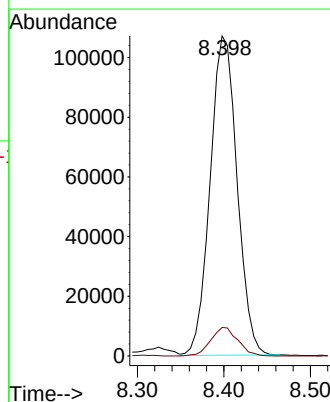
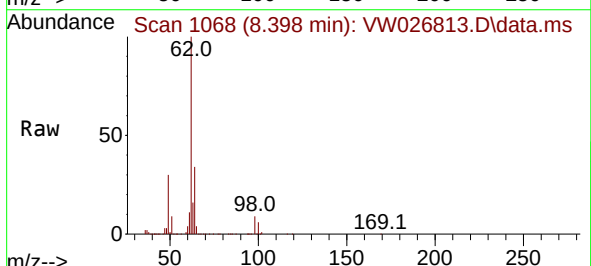
Acq: 23 Aug 2023 13:42

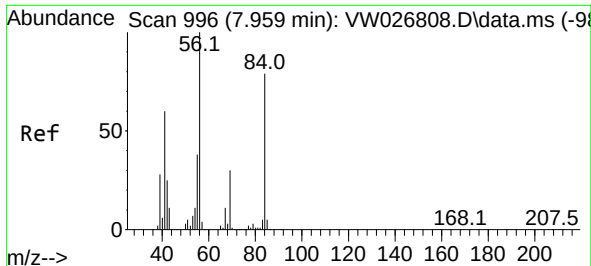
Tgt Ion: 62 Resp: 231274

Ion Ratio Lower Upper

62 100

98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 16.871 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

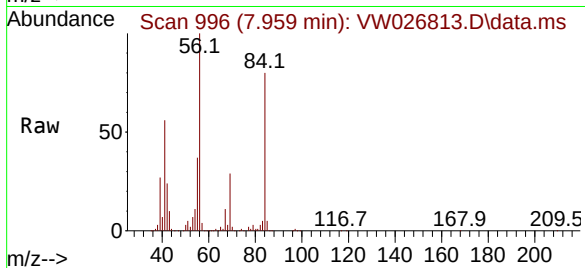
Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :



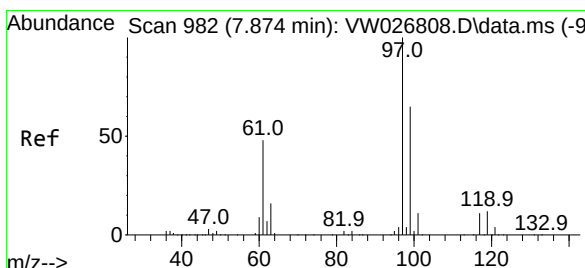
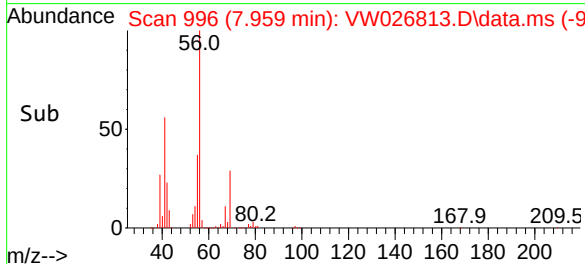
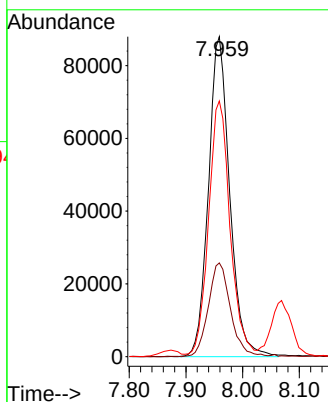
Tgt Ion: 56 Resp: 229497

Ion Ratio Lower Upper

56 100

69 30.3 23.2 34.8

84 80.5 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 22.202 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

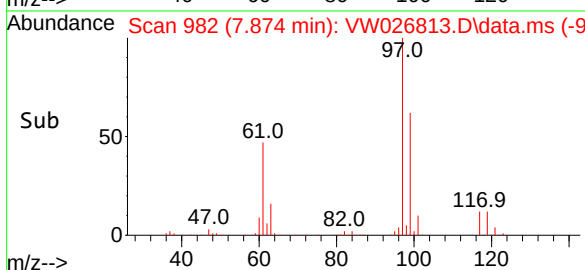
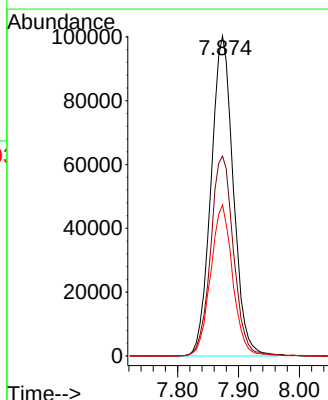
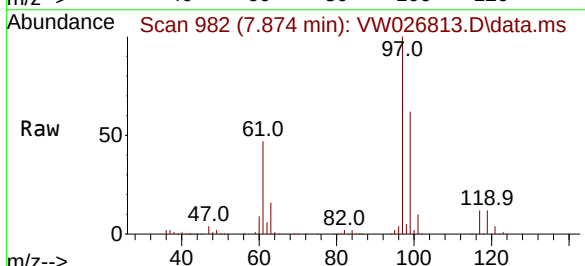
Tgt Ion: 97 Resp: 254875

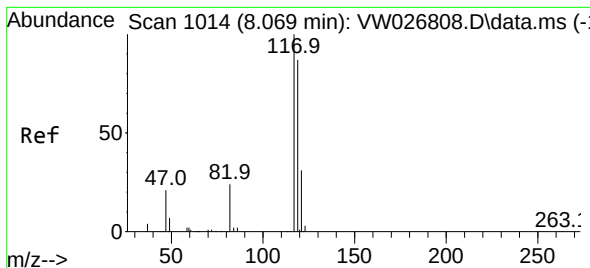
Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

61 46.8 39.2 58.8





#31

Carbon tetrachloride

Concen: 21.997 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

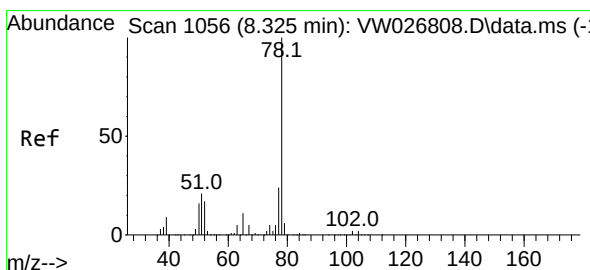
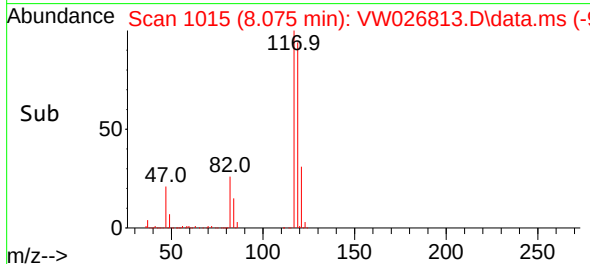
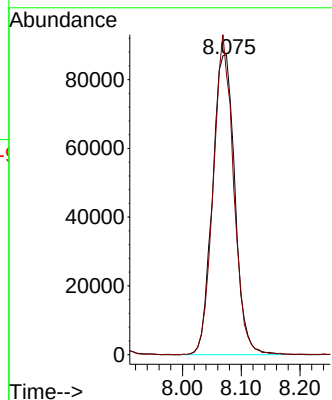
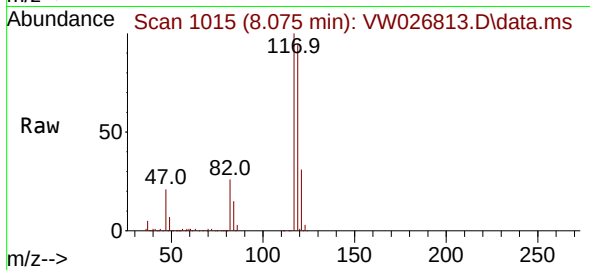
ClientSampleId :

Tgt Ion:117 Resp: 230888

Ion Ratio Lower Upper

117 100

119 96.9 73.0 109.4



#33

Benzene

Concen: 21.440 ug/L

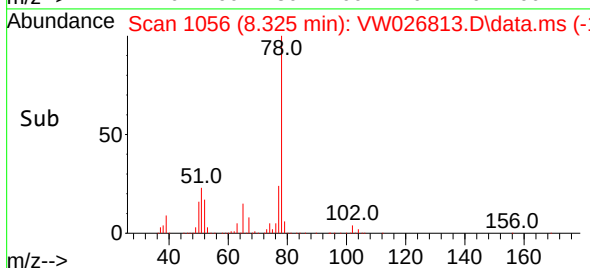
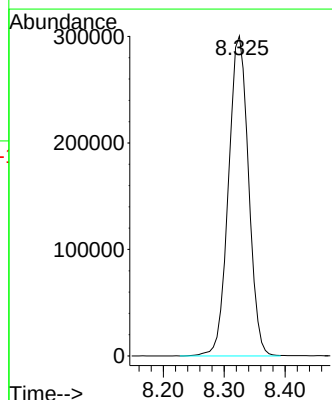
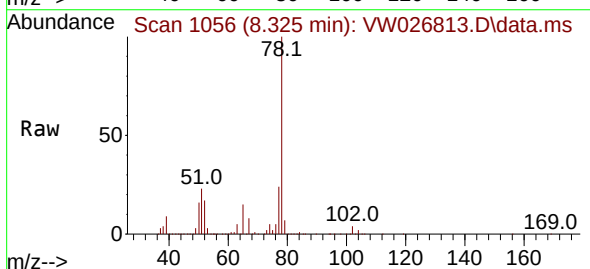
RT: 8.325 min Scan# 1056

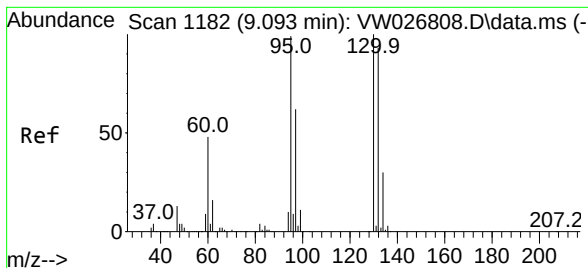
Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Tgt Ion: 78 Resp: 686766





#34

Trichloroethene

Concen: 21.437 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

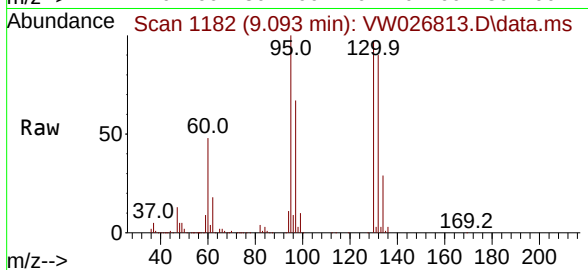
Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 174888

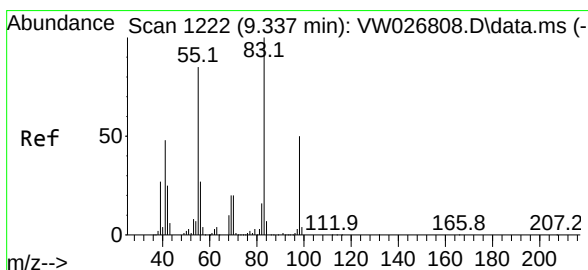
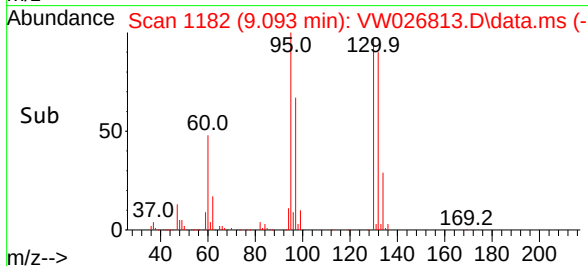
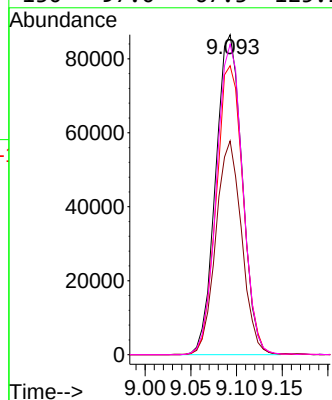
Ion Ratio Lower Upper

95 100

97 66.8 44.6 82.8

132 90.3 66.4 123.2

130 97.0 67.3 125.1



#35

Methylcyclohexane

Concen: 13.616 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

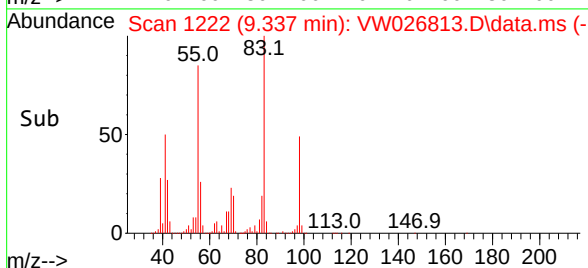
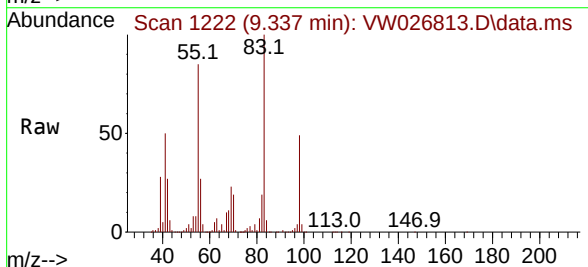
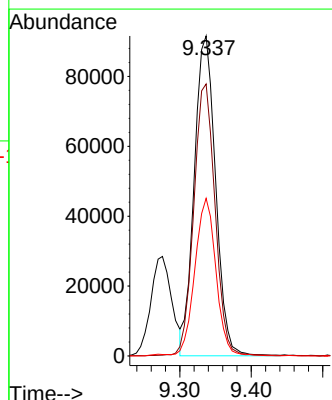
Tgt Ion: 83 Resp: 190039

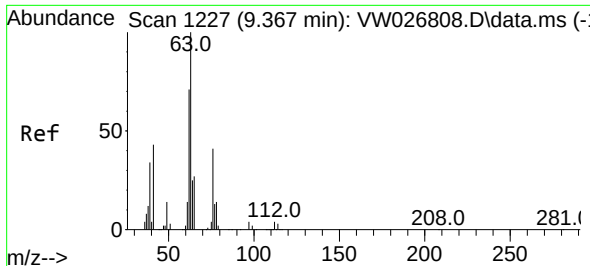
Ion Ratio Lower Upper

83 100

55 84.8 69.3 103.9

98 48.8 37.4 56.0





#37

1,2-Dichloropropane

Concen: 21.368 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

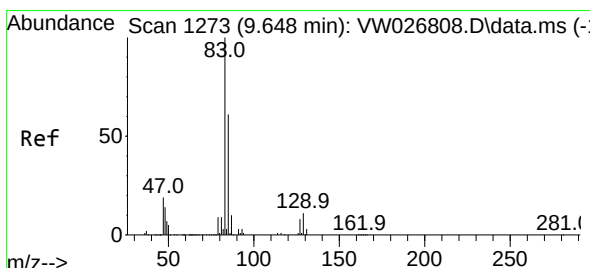
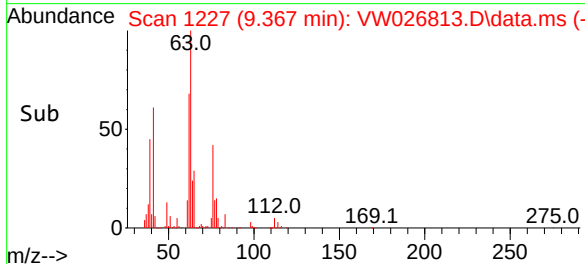
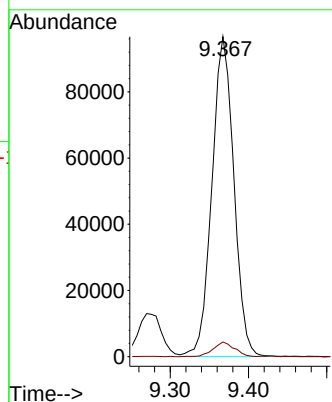
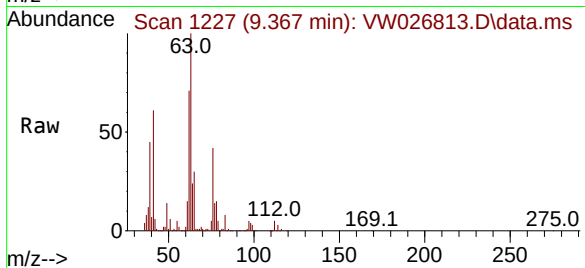
ClientSampleId :

Tgt Ion: 63 Resp: 187483

Ion Ratio Lower Upper

63 100

112 4.4 3.1 4.7



#38

Bromodichloromethane

Concen: 22.665 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

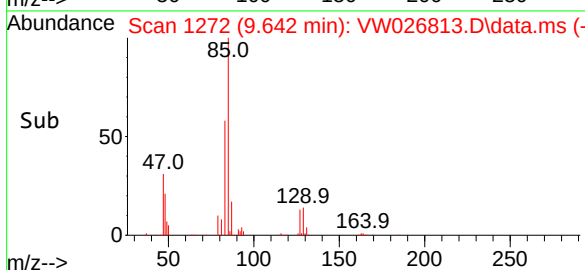
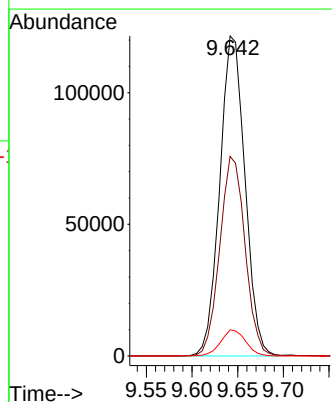
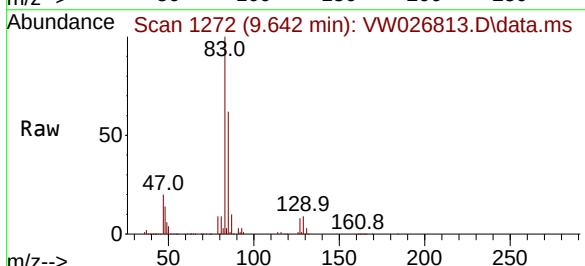
Tgt Ion: 83 Resp: 233288

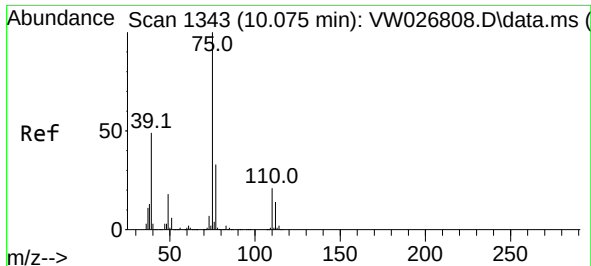
Ion Ratio Lower Upper

83 100

85 62.3 45.4 84.2

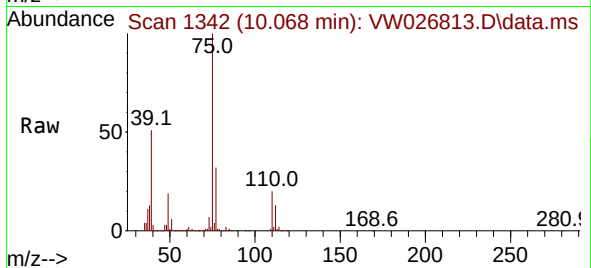
127 8.1 6.2 9.2



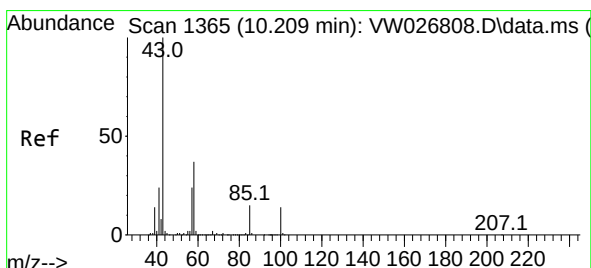
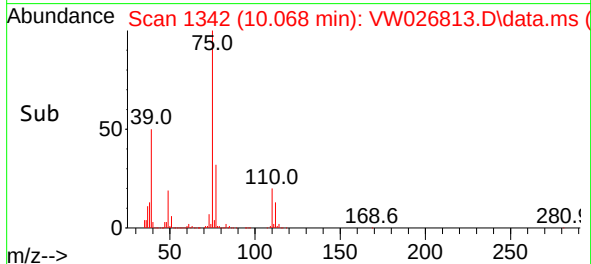
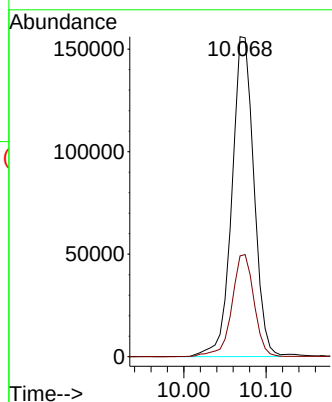


#39
 cis-1,3-Dichloropropene
 Concen: 22.987 ug/L
 RT: 10.068 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: VW026813.D
 Acq: 23 Aug 2023 13:42

Instrument :
 MSVOA_W
 ClientSampleId :

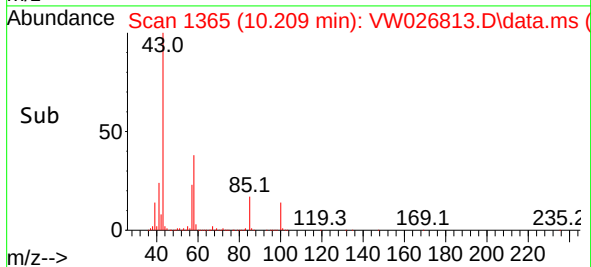
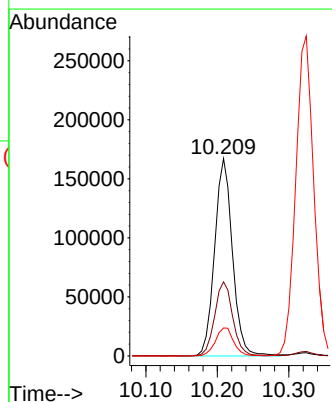
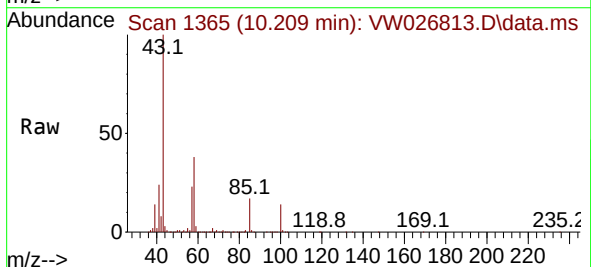


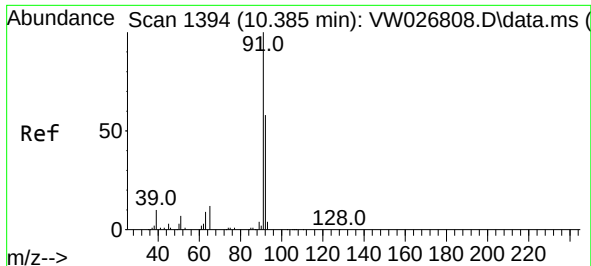
Tgt Ion: 75 Resp: 290146
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 50.741 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026813.D
 Acq: 23 Aug 2023 13:42

Tgt Ion: 43 Resp: 289589
 Ion Ratio Lower Upper
 43 100
 58 38.1 29.2 43.8
 100 14.7 10.7 16.1

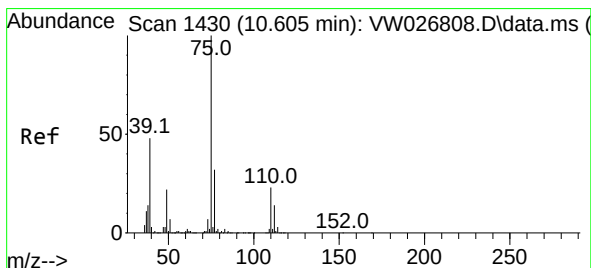
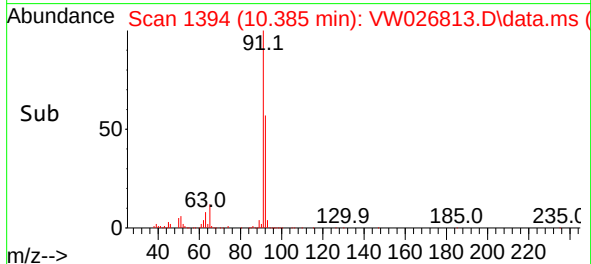
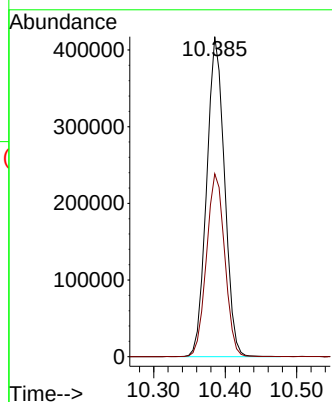
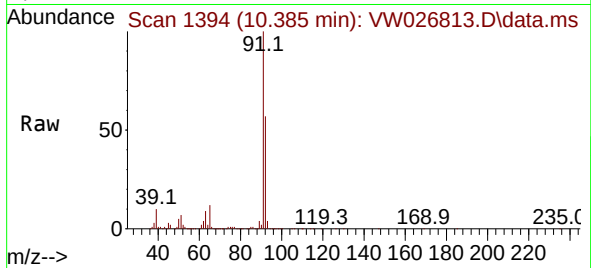




#42
Toluene
Concen: 22.311 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

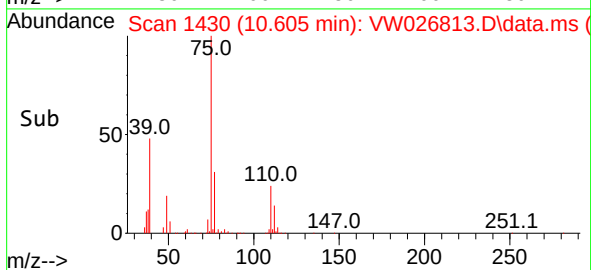
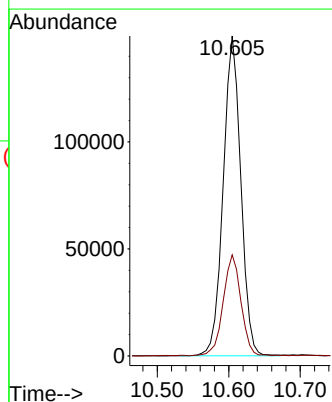
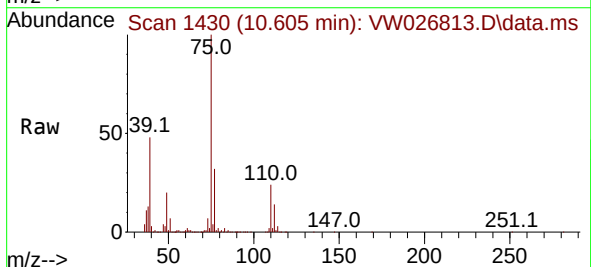
Instrument :
MSVOA_W
ClientSampleId :

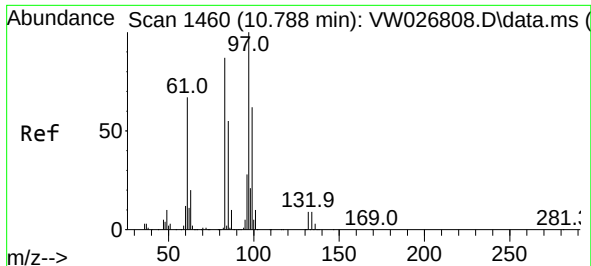
Tgt Ion: 91 Resp: 722955
Ion Ratio Lower Upper
91 100
92 57.1 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 23.570 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

Tgt Ion: 75 Resp: 256073
Ion Ratio Lower Upper
75 100
77 31.6 21.2 39.4

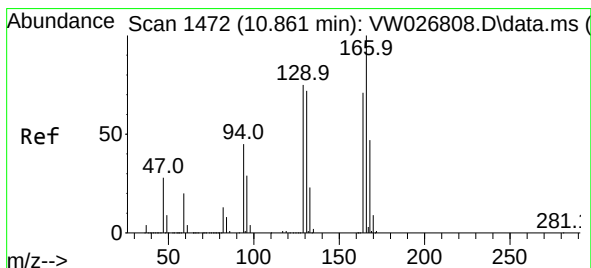
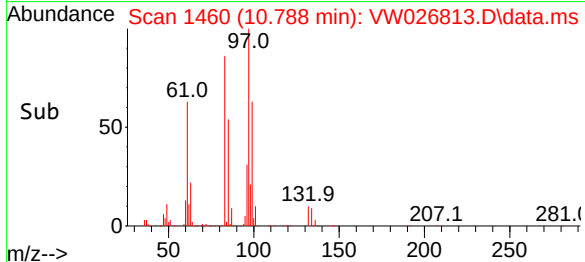
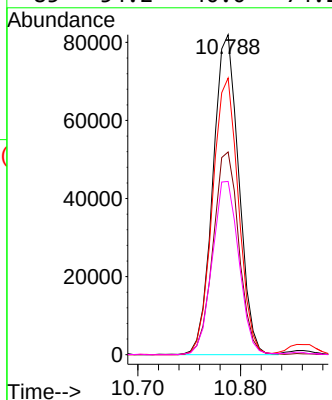
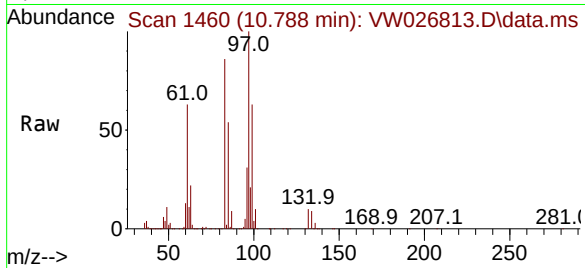




#45
1,1,2-Trichloroethane
Concen: 23.858 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

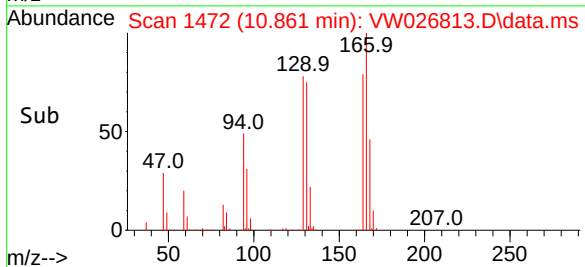
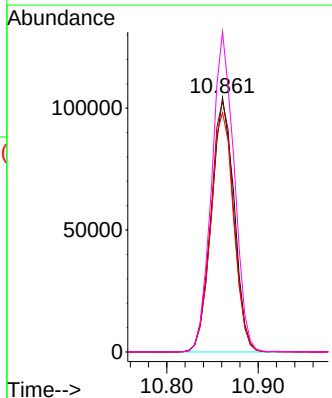
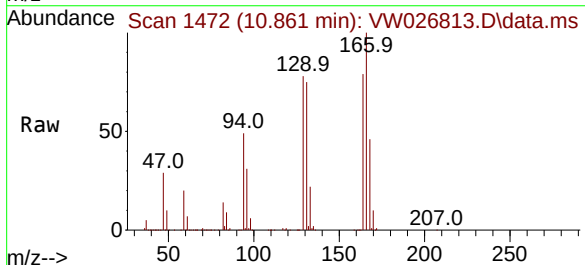
Instrument :
MSVOA_W
ClientSampleId :

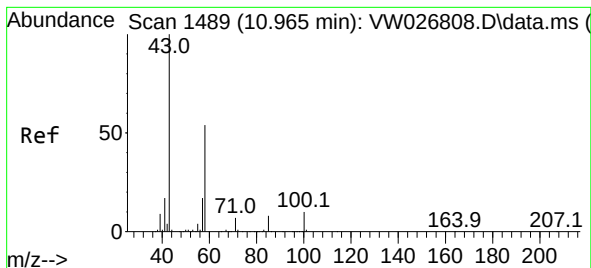
Tgt Ion: 97	Resp: 143162
Ion Ratio	Lower Upper
97 100	
99 63.4	44.2 82.0
83 86.4	61.9 114.9
85 54.2	40.0 74.2



#46
Tetrachloroethene
Concen: 30.276 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

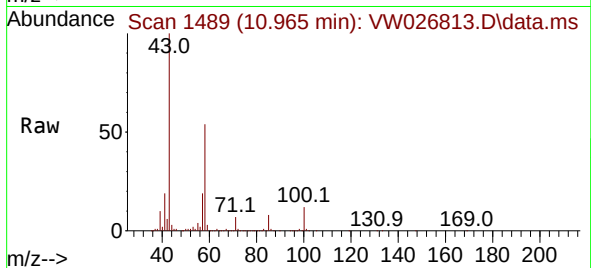
Tgt	Ion:164	Resp:	179443
Ion	Ratio	Lower	Upper
164	100		
129	98.7	68.1	126.5
131	94.1	65.5	121.7
166	125.9	89.1	165.5



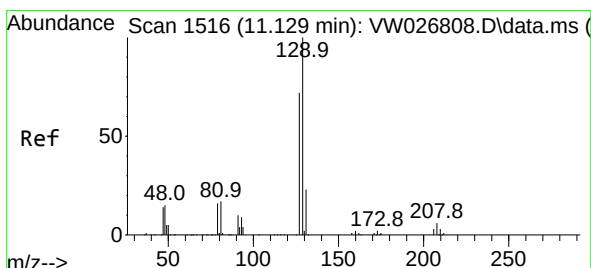
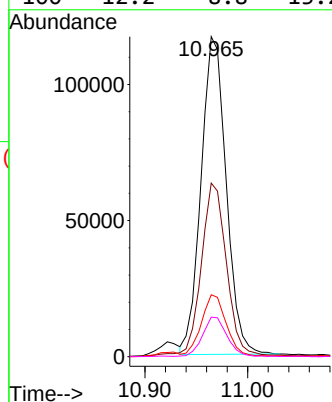
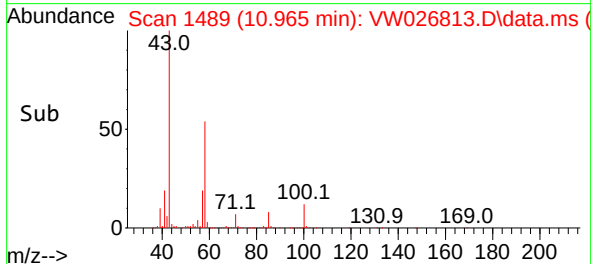


#48
2-Hexanone
Concen: 51.122 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

Instrument :
MSVOA_W
ClientSampleId :

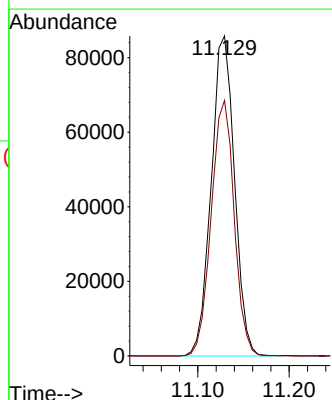
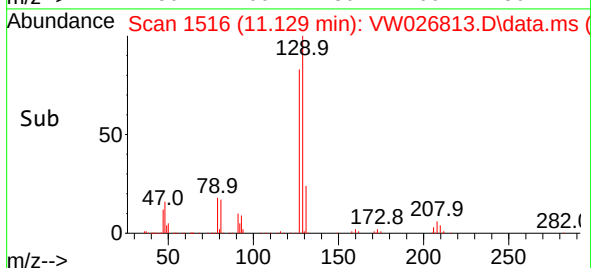
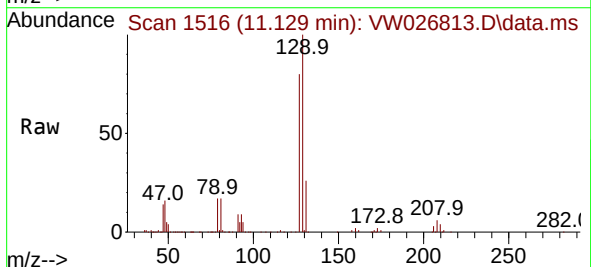


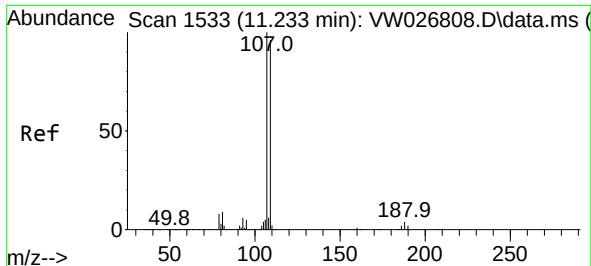
Tgt Ion: 43 Resp: 198529
Ion Ratio Lower Upper
43 100
58 55.8 41.1 61.7
57 19.6 14.3 21.5
100 12.2 8.8 13.2



#49
Dibromochloromethane
Concen: 24.219 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

Tgt Ion: 129 Resp: 151997
Ion Ratio Lower Upper
129 100
127 79.9 56.6 105.2





#50

1,2-Dibromoethane

Concen: 24.364 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

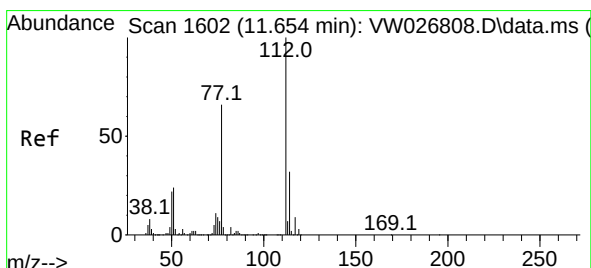
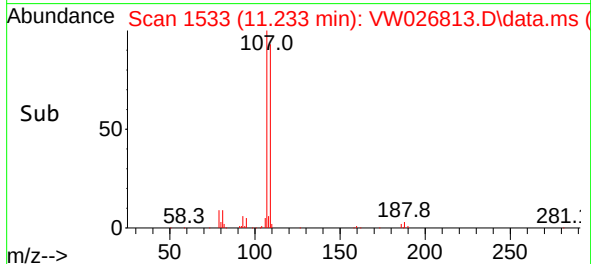
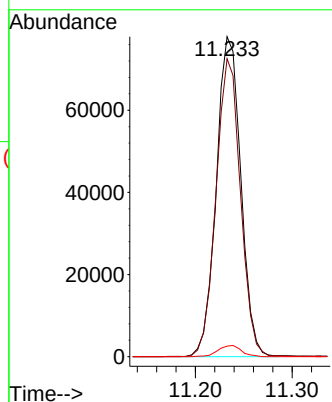
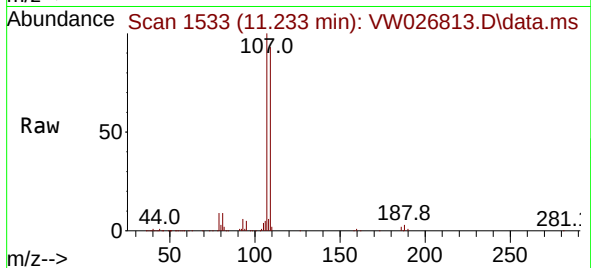
Tgt Ion:107 Resp: 137176

Ion Ratio Lower Upper

107 100

109 93.1 68.8 127.8

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 21.419 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

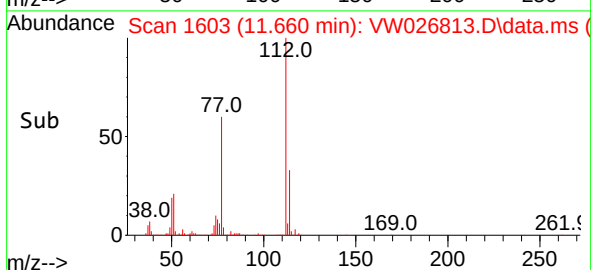
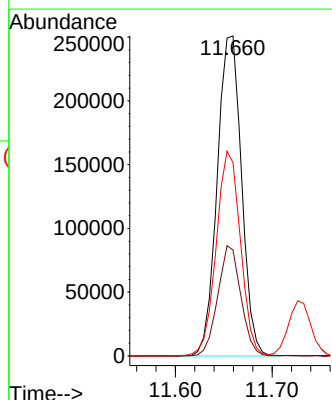
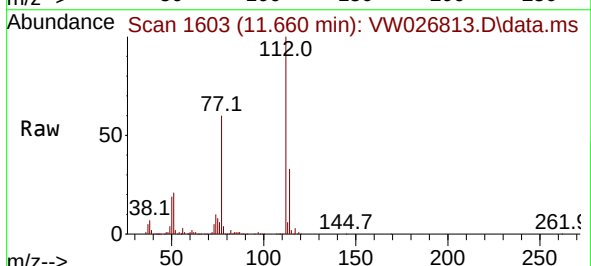
Tgt Ion:112 Resp: 438405

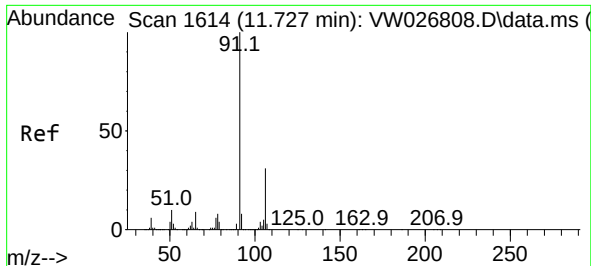
Ion Ratio Lower Upper

112 100

114 33.1 22.4 41.6

77 60.4 50.2 75.2

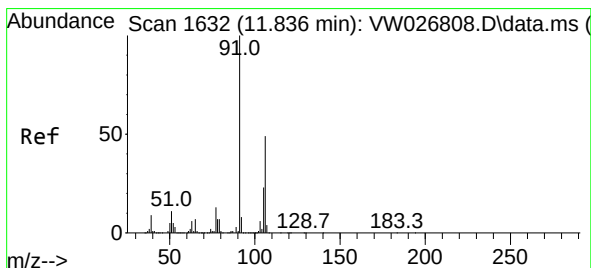
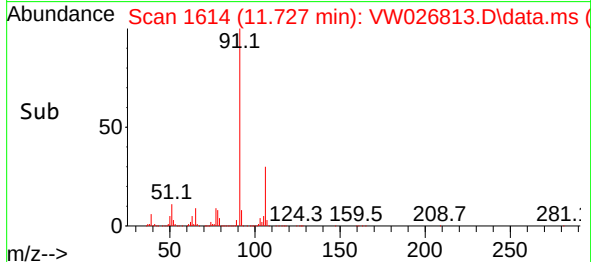
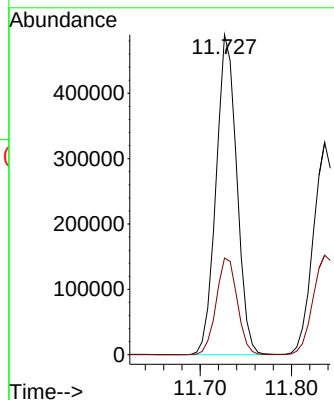
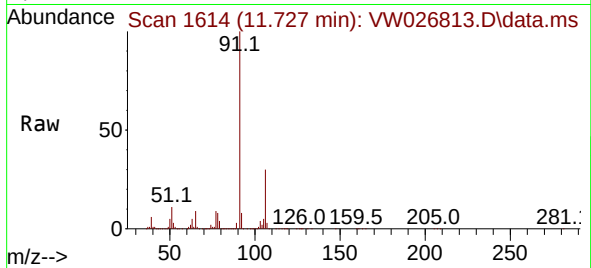




#52
Ethylbenzene
Concen: 21.211 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

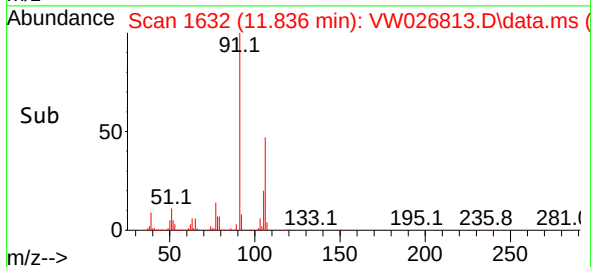
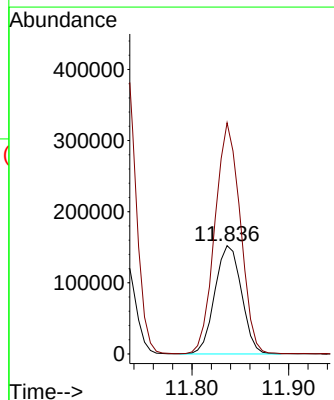
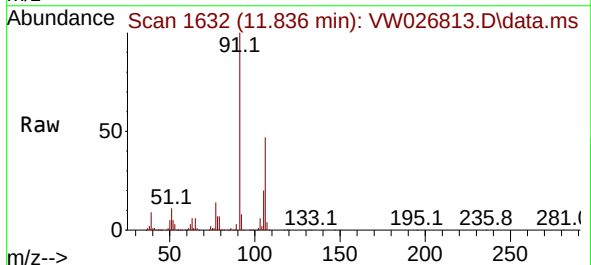
Instrument :
MSVOA_W
ClientSampleId :

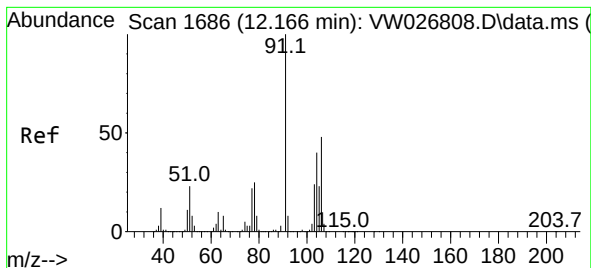
Tgt Ion: 91 Resp: 770772
Ion Ratio Lower Upper
91 100
106 30.2 20.2 37.6



#53
m,p-Xylene
Concen: 21.643 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

Tgt Ion:106 Resp: 291352
Ion Ratio Lower Upper
106 100
91 213.3 152.9 284.1





#54

o-Xylene

Concen: 21.808 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

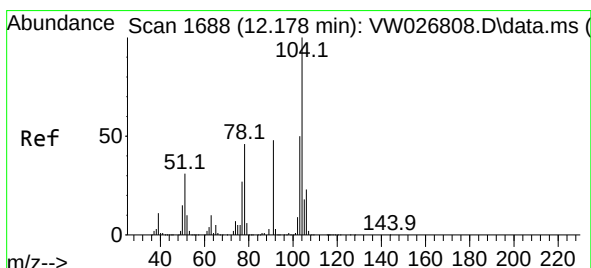
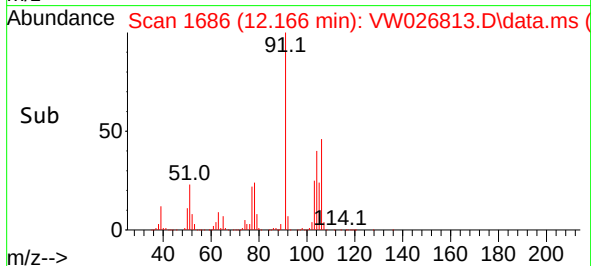
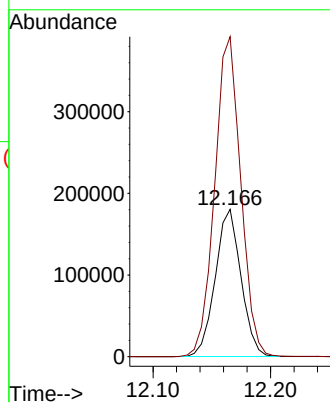
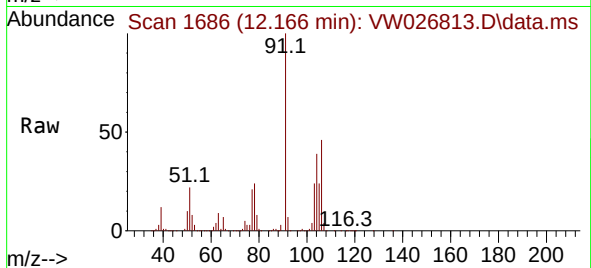
ClientSampleId :

Tgt Ion:106 Resp: 273995

Ion Ratio Lower Upper

106 100

91 217.2 149.9 278.3



#55

Styrene

Concen: 23.346 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW026813.D

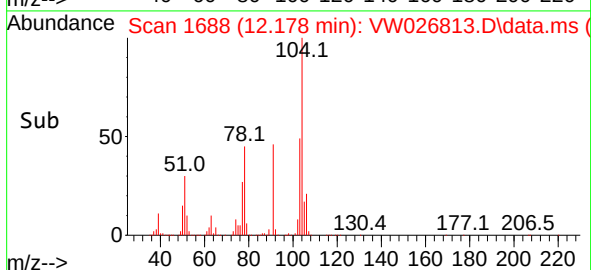
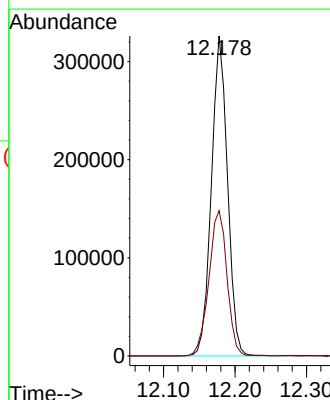
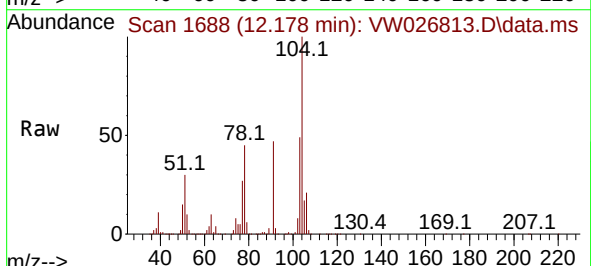
Acq: 23 Aug 2023 13:42

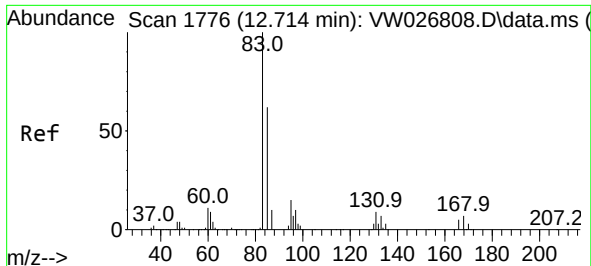
Tgt Ion:104 Resp: 509995

Ion Ratio Lower Upper

104 100

78 45.4 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.968 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

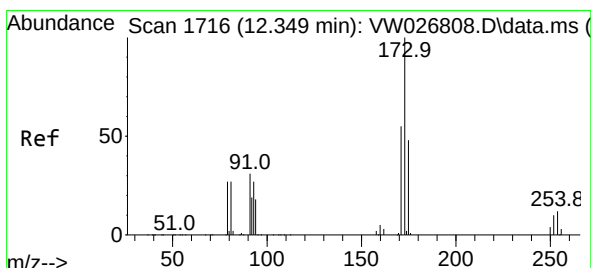
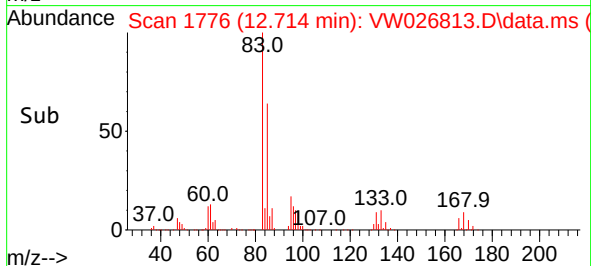
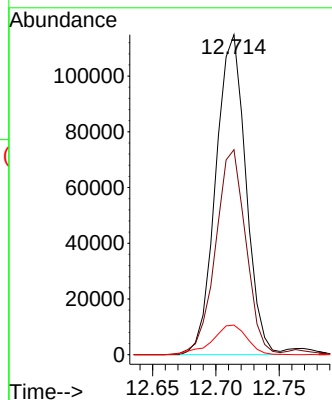
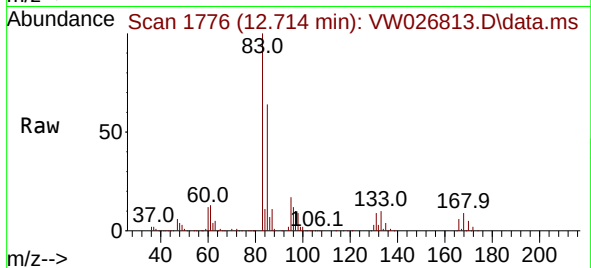
Tgt Ion: 83 Resp: 189743

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.3

131 9.3 7.4 11.0



#59

Bromoform

Concen: 25.964 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

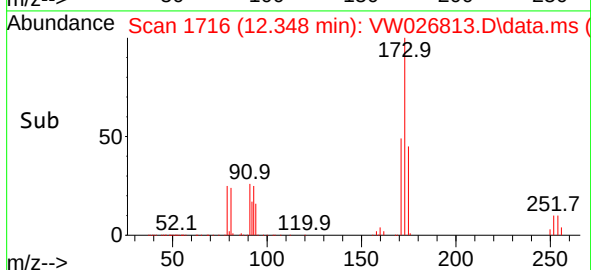
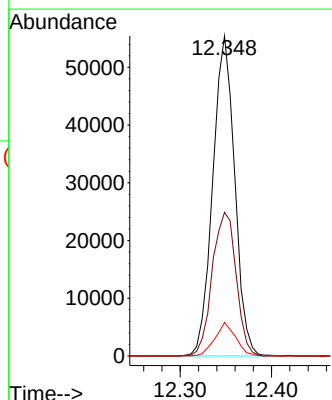
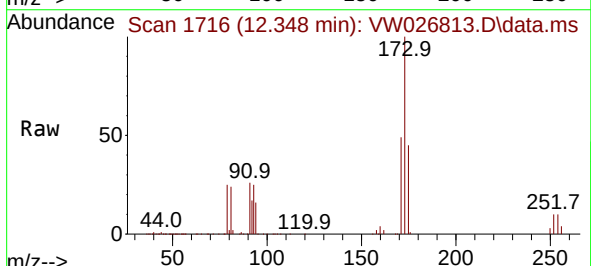
Tgt Ion:173 Resp: 92453

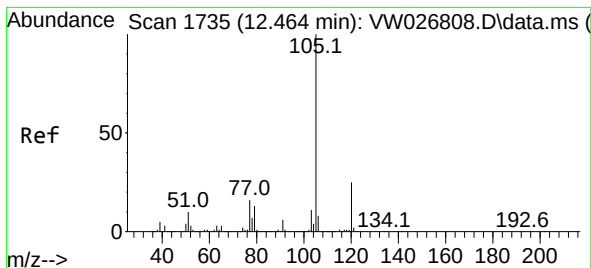
Ion Ratio Lower Upper

173 100

175 48.8 36.6 55.0

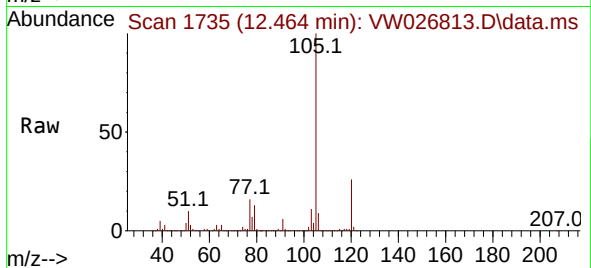
254 9.9 7.8 11.6



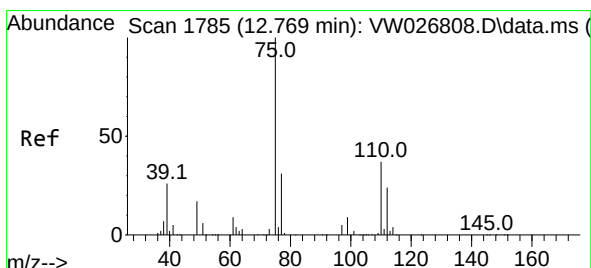
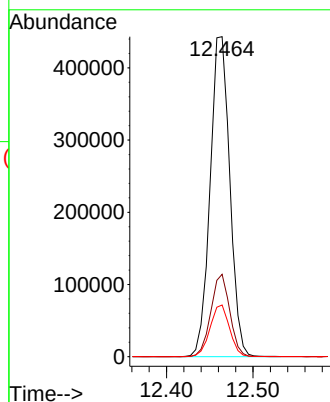
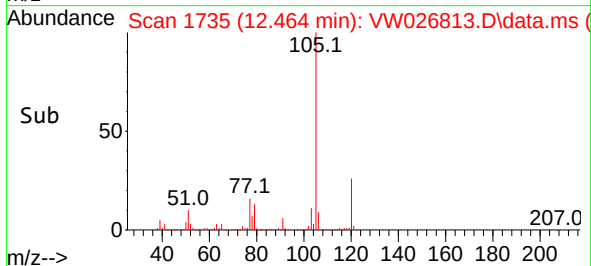


#60
Isopropylbenzene
Concen: 20.699 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

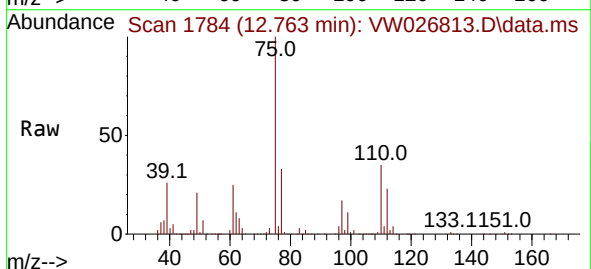
Instrument :
MSVOA_W
ClientSampleId :



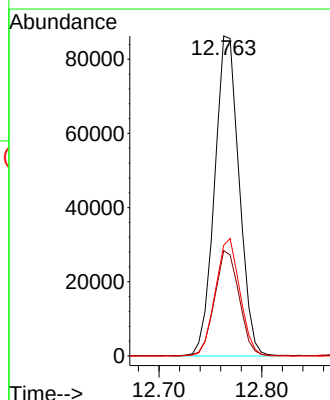
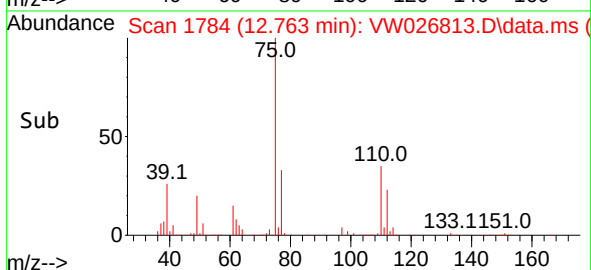
Tgt Ion:105 Resp: 699549
Ion Ratio Lower Upper
105 100
120 24.9 21.0 31.6
77 16.0 13.4 20.2

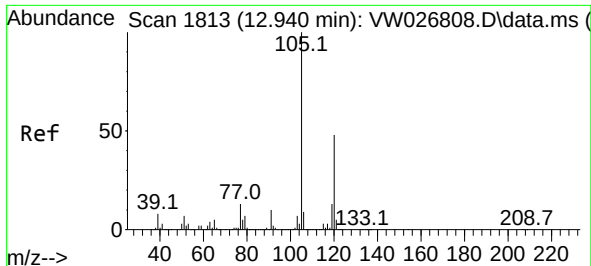


#61
1,2,3-Trichloropropane
Concen: 25.927 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42



Tgt Ion: 75 Resp: 142957
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
110 36.6 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 19.805 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

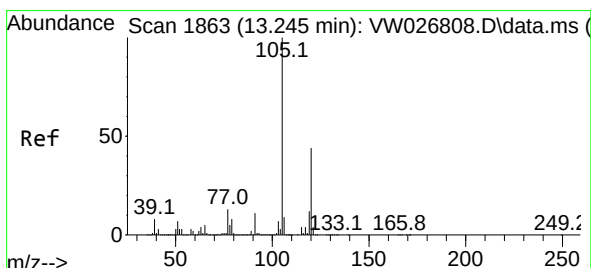
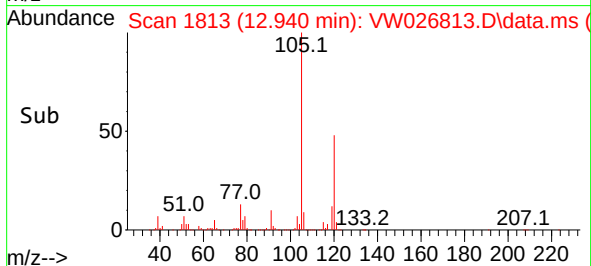
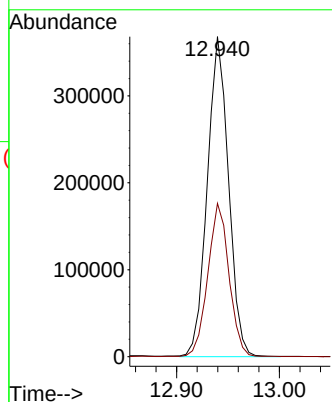
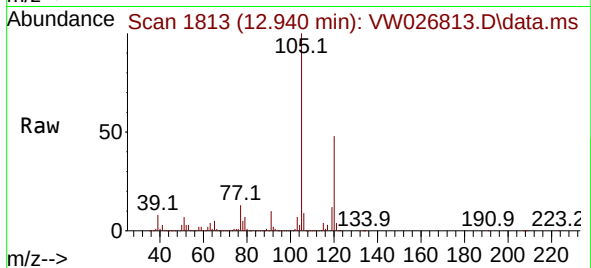
ClientSampleId :

Tgt Ion:105 Resp: 529052

Ion Ratio Lower Upper

105 100

120 47.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 20.608 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW026813.D

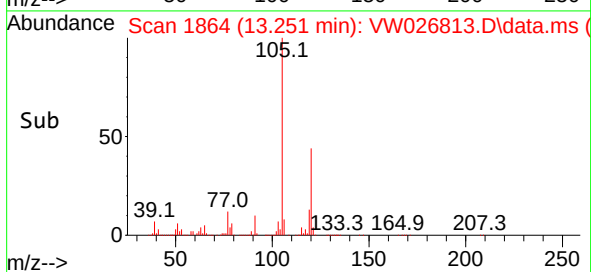
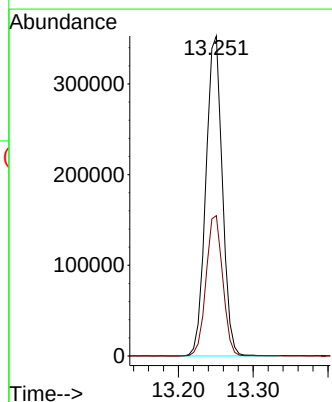
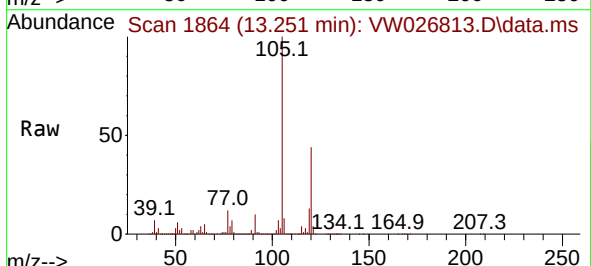
Acq: 23 Aug 2023 13:42

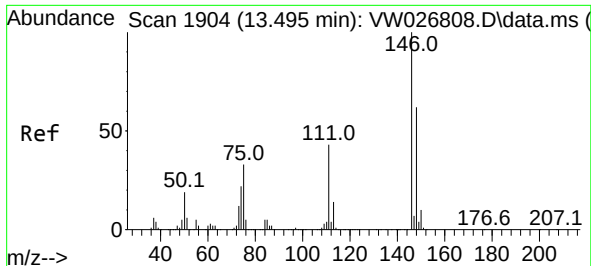
Tgt Ion:105 Resp: 539450

Ion Ratio Lower Upper

105 100

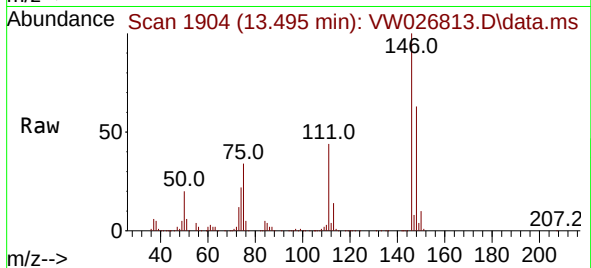
120 44.3 36.2 54.4



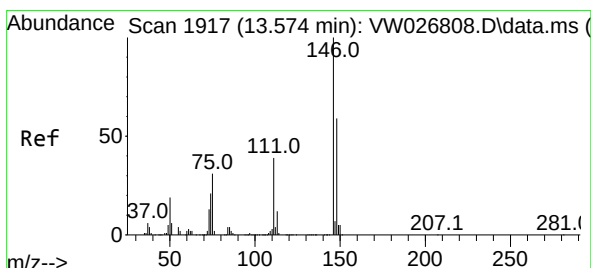
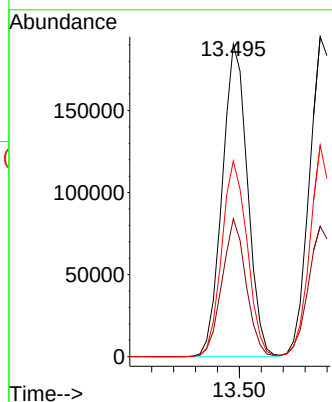
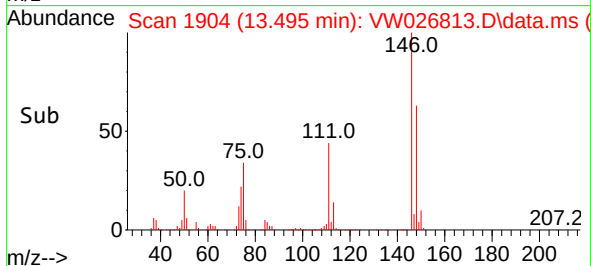


#64
1,3-Dichlorobenzene
Concen: 20.790 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42

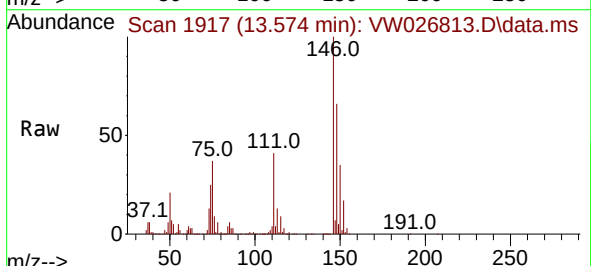
Instrument :
MSVOA_W
ClientSampleId :



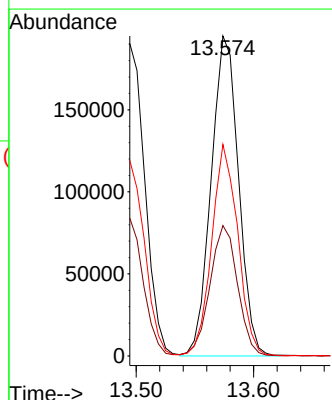
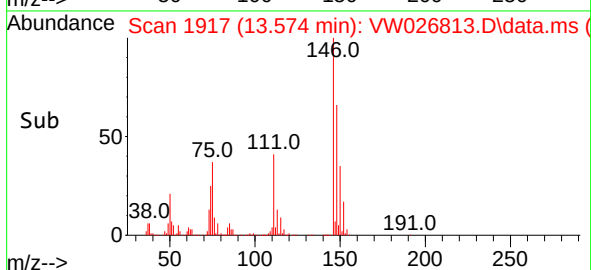
Tgt Ion:146 Resp: 305570
Ion Ratio Lower Upper
146 100
111 44.1 29.1 54.1
148 62.6 38.8 72.0

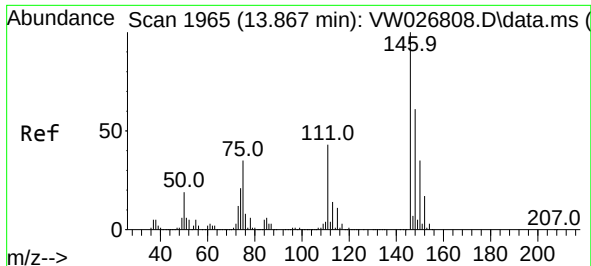


#65
1,4-Dichlorobenzene
Concen: 20.593 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026813.D
Acq: 23 Aug 2023 13:42



Tgt Ion:146 Resp: 315863
Ion Ratio Lower Upper
146 100
111 40.7 28.3 52.7
148 66.1 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 21.877 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

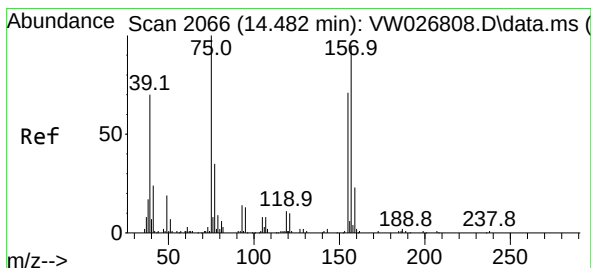
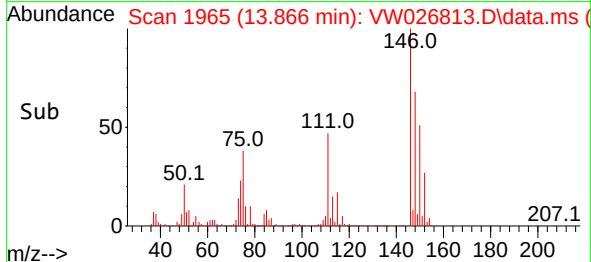
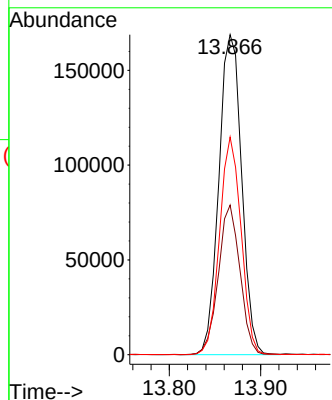
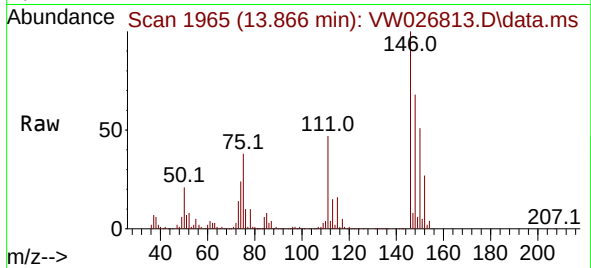
Tgt Ion:146 Resp: 292398

Ion Ratio Lower Upper

146 100

111 46.8 34.6 52.0

148 68.0 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.070 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

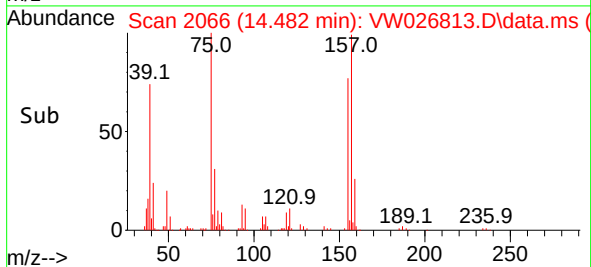
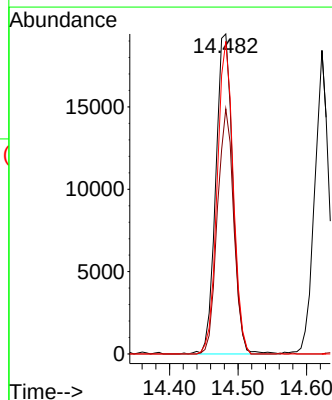
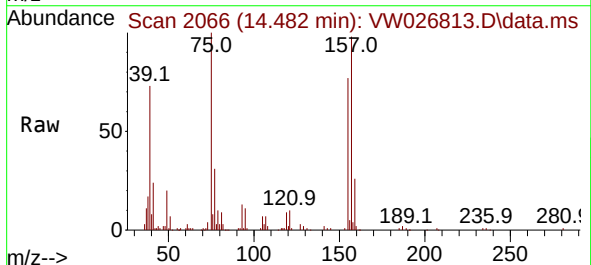
Tgt Ion: 75 Resp: 33325

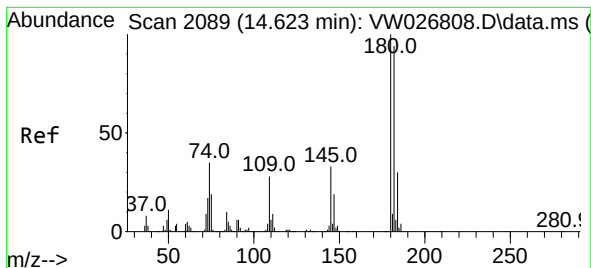
Ion Ratio Lower Upper

75 100

155 76.6 55.0 82.6

157 97.7 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 14.614 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

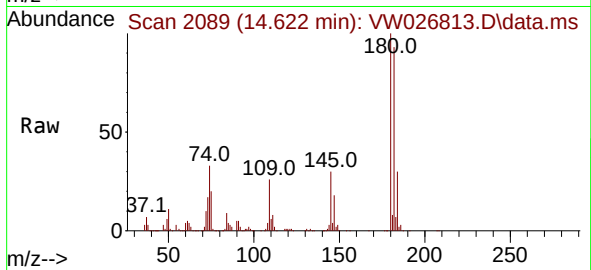
Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 145116

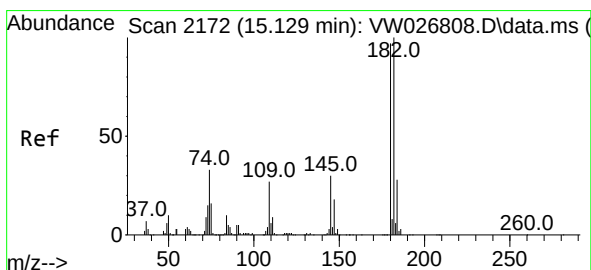
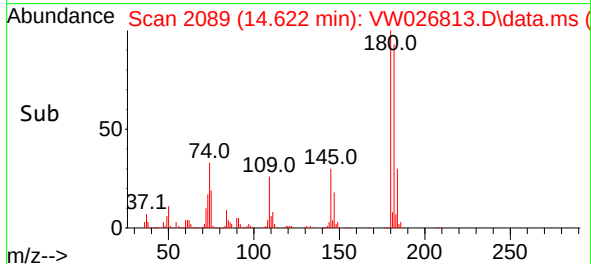
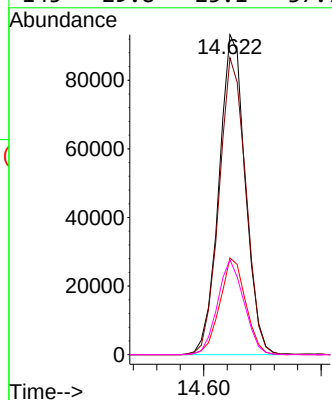
Ion Ratio Lower Upper

180 100

182 94.1 75.2 112.8

184 29.7 23.8 35.8

145 29.8 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 15.326 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

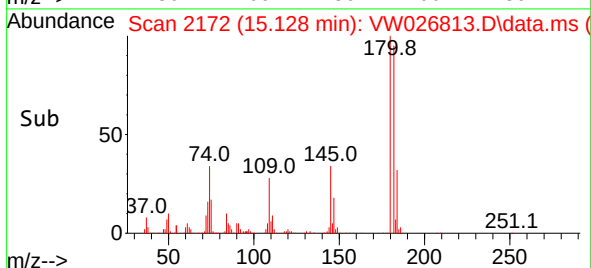
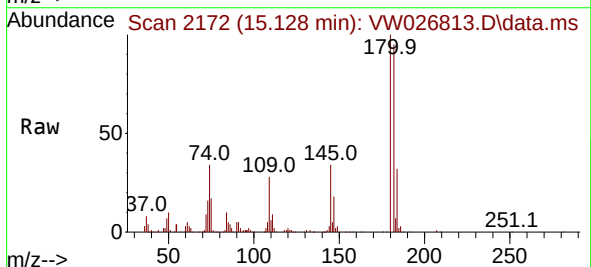
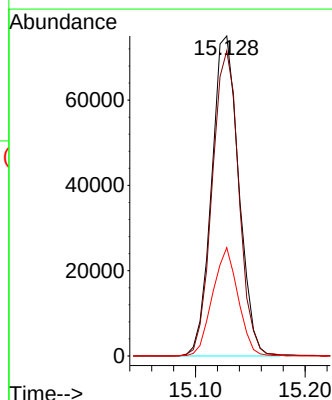
Tgt Ion:180 Resp: 129029

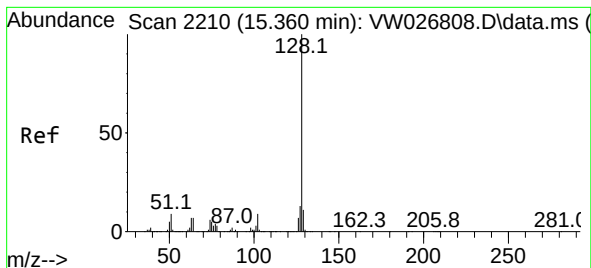
Ion Ratio Lower Upper

180 100

182 93.7 72.5 108.7

145 31.9 24.7 37.1





#71

Naphthalene

Concen: 22.098 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Instrument :

MSVOA_W

ClientSampleId :

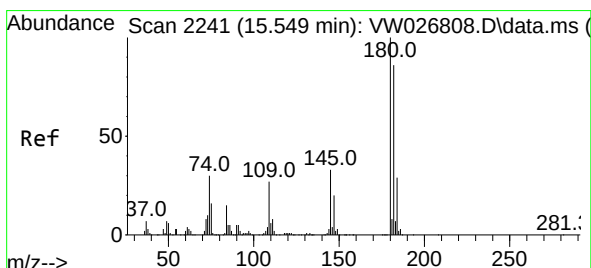
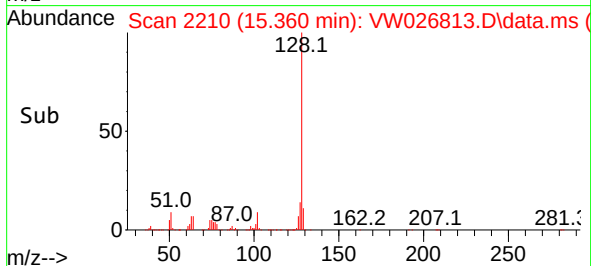
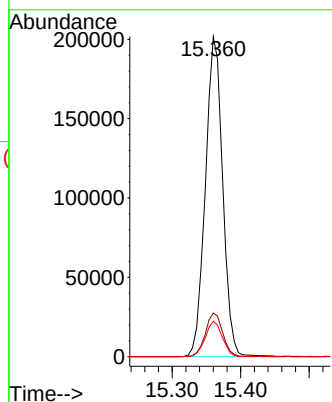
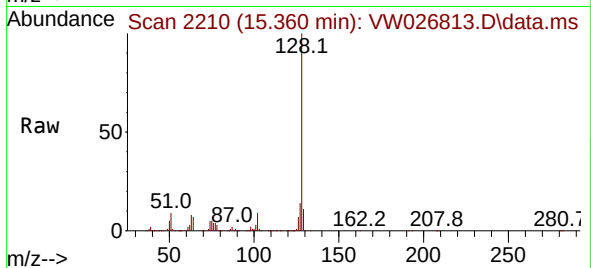
Tgt Ion:128 Resp: 354879

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 16.637 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026813.D

Acq: 23 Aug 2023 13:42

Tgt Ion:180 Resp: 126336

Ion Ratio Lower Upper

180 100

182 90.8 74.6 112.0

145 33.0 27.0 40.6

