

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
 Data File : VW027362.D
 Acq On : 20 Oct 2023 09:58
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 21 04:22:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 20 02:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	389411	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	357698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	181572	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	136776	23.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.040%
7) Chloroethane-d5	2.899	69	110762	25.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.840%
11) 1,1-Dichloroethene-d2	4.021	65	69810	23.443	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.760%
21) 2-Butanone-d5	7.075	46	96817	49.013	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.020%
24) Chloroform-d	7.648	84	301293	25.959	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.840%
26) 1,2-Dichloroethane-d4	8.306	65	159170	25.530	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.120%
32) Benzene-d6	8.276	84	608178	25.130	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.520%
36) 1,2-Dichloropropane-d6	9.276	67	192827	26.086	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.360%
41) Toluene-d8	10.324	98	528856	24.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	10.574	79	77231	22.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.680%
47) 2-Hexanone-d5	10.922	63	76441	49.983	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	141276	25.617	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	156387	23.768	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	110294	23.805	ug/L	# 90
3) Chloromethane	2.228	50	134794	25.315	ug/L	99
5) Vinyl chloride	2.381	62	145733	24.502	ug/L	99
6) Bromomethane	2.789	94	80488	23.759	ug/L	95
8) Chloroethane	2.929	64	85945	25.103	ug/L	99
9) Trichlorofluoromethane	3.265	101	113079	26.948	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	128716	24.497	ug/L	93
12) 1,1-Dichloroethene	4.051	96	123222	24.131	ug/L	89
13) Acetone	4.118	43	95287	55.851	ug/L	99
14) Carbon disulfide	4.392	76	350592	22.147	ug/L	99
15) Methyl Acetate	4.673	43	71758	24.626	ug/L	98
16) Methylene chloride	4.923	84	149670	20.997	ug/L	89
17) trans-1,2-Dichloroethene	5.429	96	131325	23.930	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	230158	24.308	ug/L	99
19) 1,1-Dichloroethane	6.221	63	286335	25.573	ug/L	97
20) cis-1,2-Dichloroethene	7.172	96	152572	24.618	ug/L	96
22) 2-Butanone	7.166	43	114199	44.719	ug/L	99
23) Bromochloromethane	7.520	128	62288	24.344	ug/L	92
25) Chloroform	7.678	83	270531	25.816	ug/L	99

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 Response via : Initial Calibration

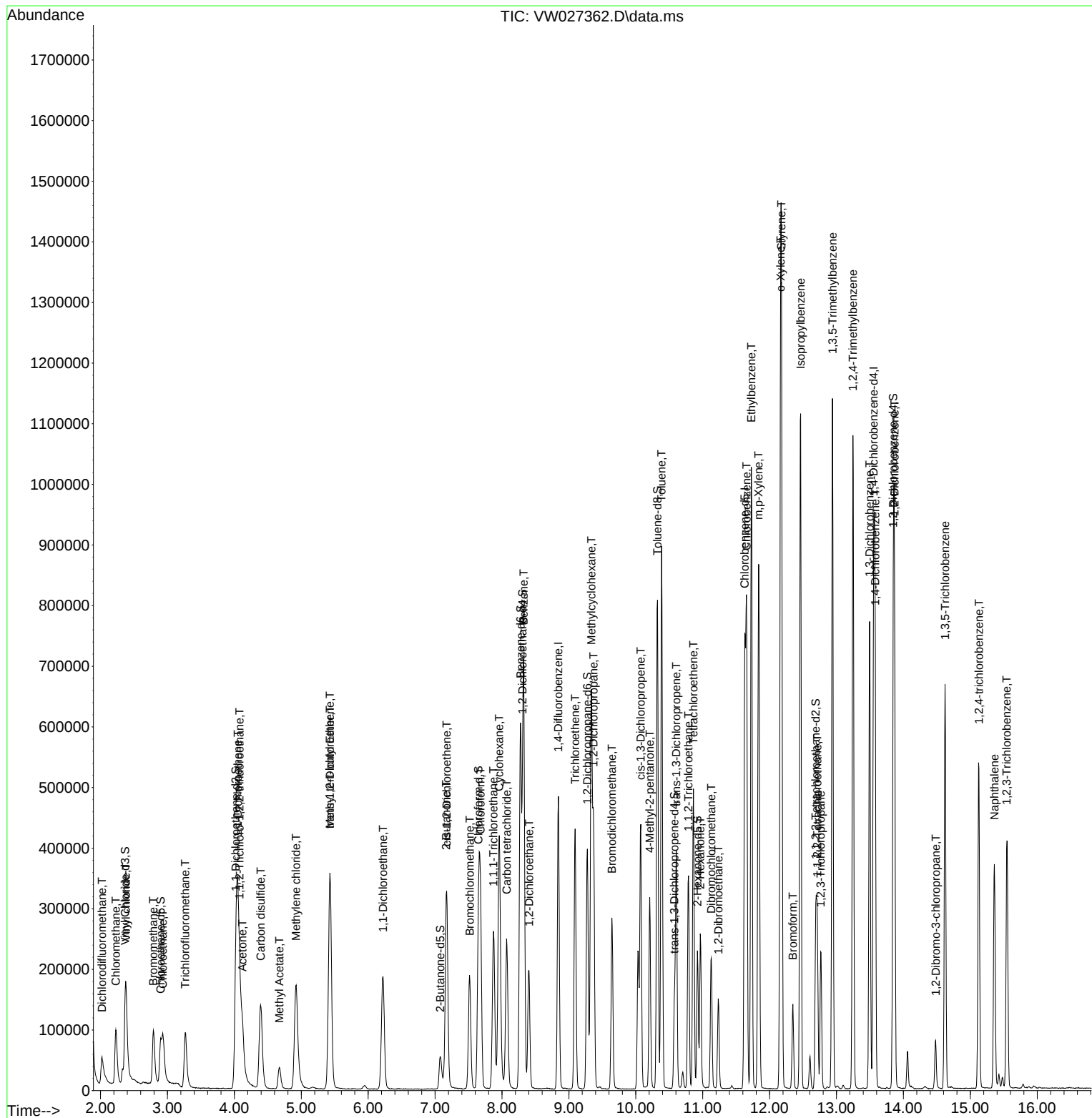
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	181613	25.513	ug/L	99
29) Cyclohexane	7.959	56	262950	24.211	ug/L	97
30) 1,1,1-Trichloroethane	7.873	97	217647	24.944	ug/L	99
31) Carbon tetrachloride	8.069	117	186424	23.695	ug/L	99
33) Benzene	8.325	78	594500	25.431	ug/L	100
34) Trichloroethene	9.093	95	153581	24.872	ug/L	97
35) Methylcyclohexane	9.337	83	264028	23.910	ug/L	98
37) 1,2-Dichloropropane	9.367	63	162963	25.782	ug/L	99
38) Bromodichloromethane	9.641	83	189385	24.367	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	251649	24.101	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	213333	49.077	ug/L	98
42) Toluene	10.385	91	626648	25.553	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	208902	23.712	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	108323	24.904	ug/L	97
46) Tetrachloroethene	10.861	164	100670	23.610	ug/L	97
48) 2-Hexanone	10.964	43	164955	51.271	ug/L	99
49) Dibromochloromethane	11.129	129	112169	23.221	ug/L	94
50) 1,2-Dibromoethane	11.233	107	100888	23.923	ug/L	100
51) Chlorobenzene	11.653	112	375332	24.441	ug/L	97
52) Ethylbenzene	11.726	91	717494	25.178	ug/L	96
53) m,p-Xylene	11.836	106	260011	24.056	ug/L	93
54) o-Xylene	12.165	106	253911	24.531	ug/L	94
55) Styrene	12.178	104	438020	24.779	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	133451	25.133	ug/L	99
59) Bromoform	12.348	173	60215	22.287	ug/L	97
60) Isopropylbenzene	12.464	105	720830	25.271	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	98281	24.790	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	599133	25.181	ug/L	96
63) 1,2,4-Trimethylbenzene	13.244	105	573009	24.614	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	288305	24.925	ug/L	99
65) 1,4-Dichlorobenzene	13.580	146	291186	25.208	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	260211	25.352	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	21728	21.929	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	186926	24.894	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	157901	24.707	ug/L	98
71) Naphthalene	15.360	128	312081	23.745	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	129864	24.711	ug/L	93

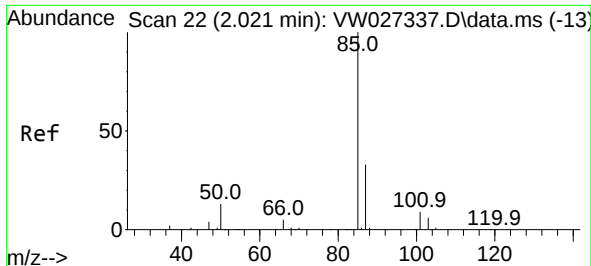
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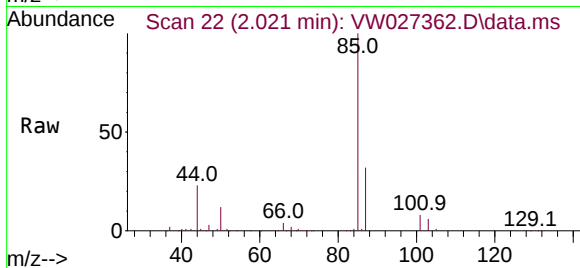
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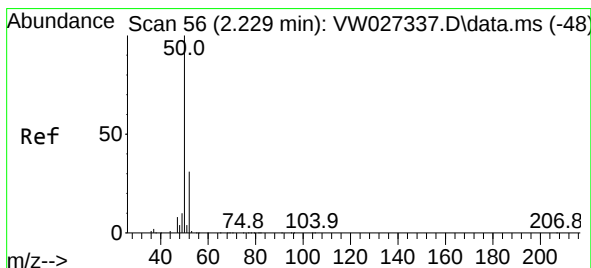
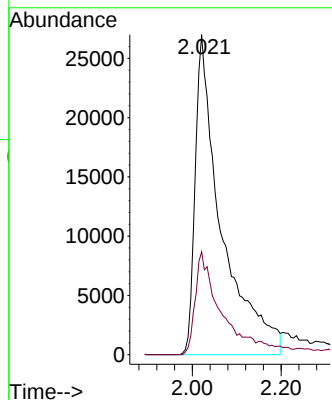
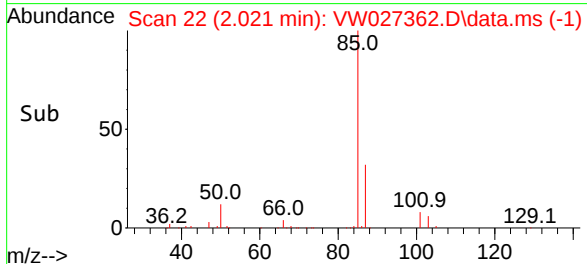


#2
 Dichlorodifluoromethane
 Concen: 23.805 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027362.D
 Acq: 20 Oct 2023 09:58

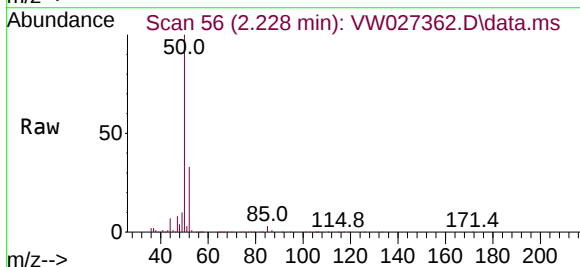
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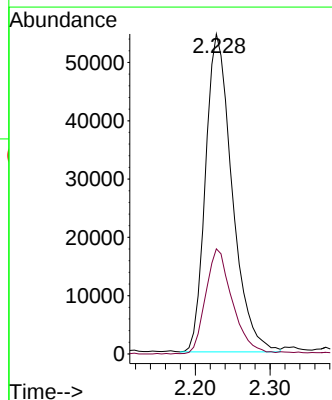
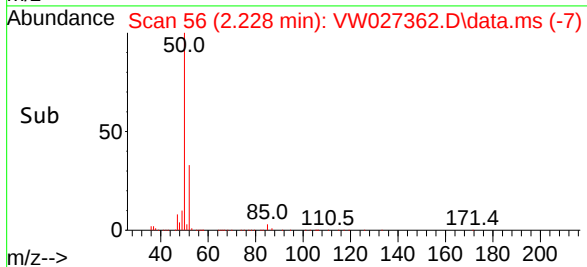
Tgt Ion: 85 Resp: 110294
 Ion Ratio Lower Upper
 85 100
 87 27.9 18.3 27.5#

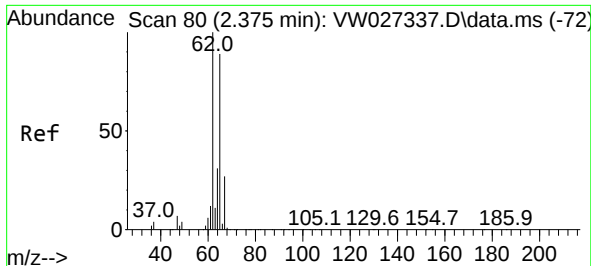


#3
 Chloromethane
 Concen: 25.315 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW027362.D
 Acq: 20 Oct 2023 09:58



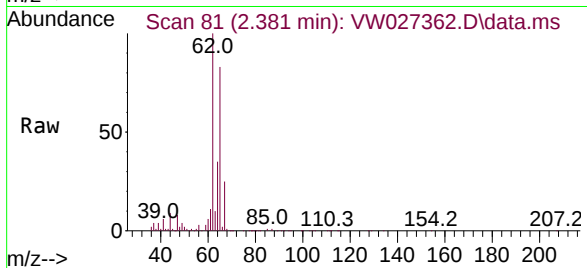
Tgt Ion: 50 Resp: 134794
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.7 42.3



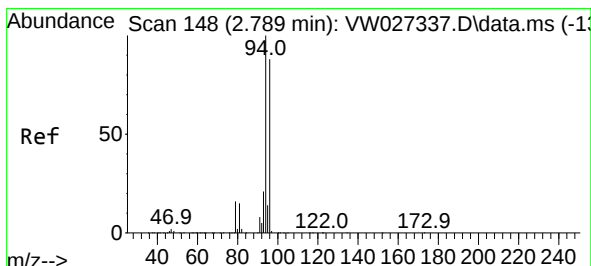
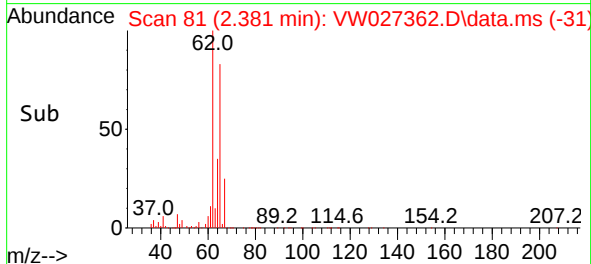
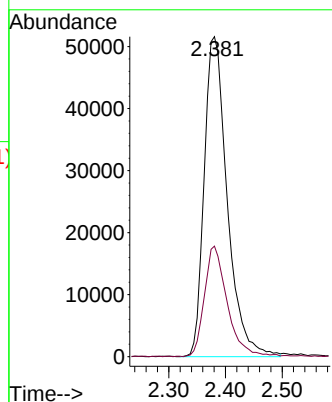


#5
 Vinyl chloride
 Concen: 24.502 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027362.D
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 MSVOA_W
 ClientSampleId :

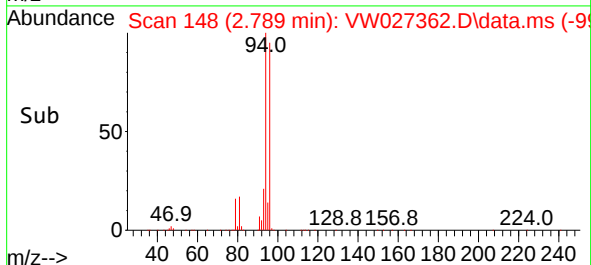
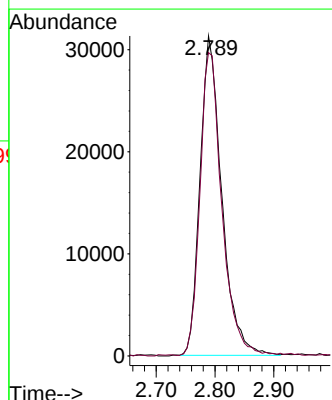
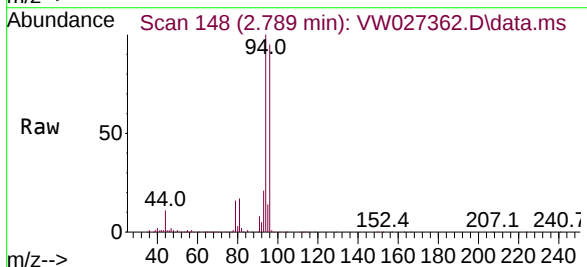


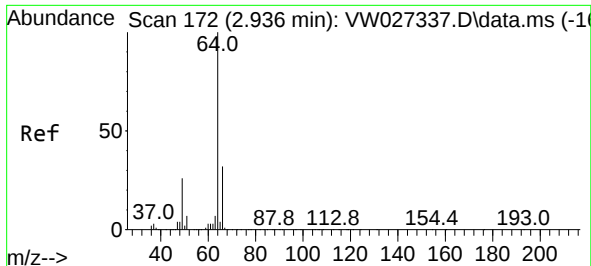
Tgt Ion: 62 Resp: 145733
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.8 44.2



#6
 Bromomethane
 Concen: 23.759 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027362.D
 Acq: 20 Oct 2023 09:58

Tgt Ion: 94 Resp: 80488
 Ion Ratio Lower Upper
 94 100
 96 94.8 62.9 116.9

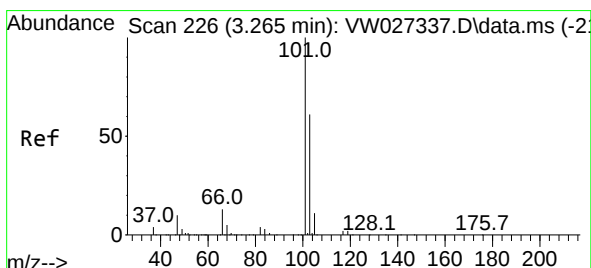
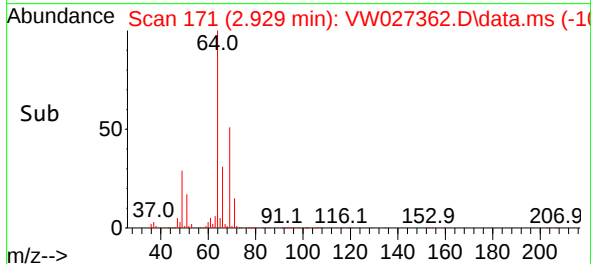
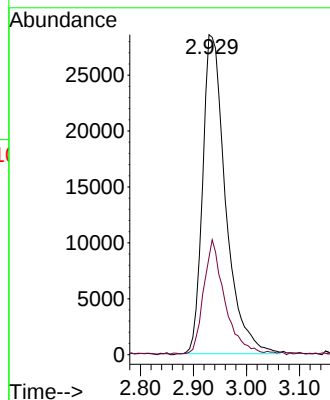
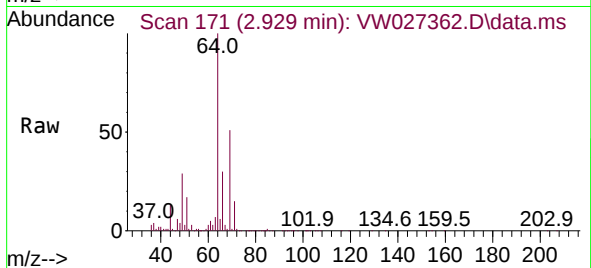




#8
Chloroethane
Concen: 25.103 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

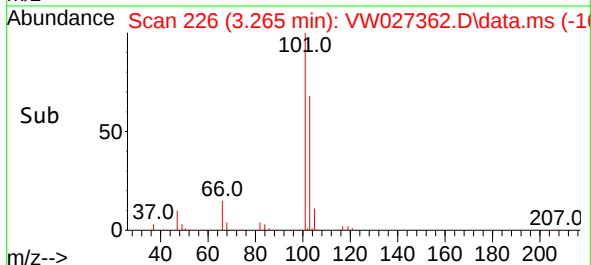
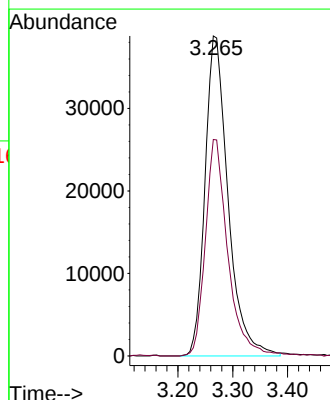
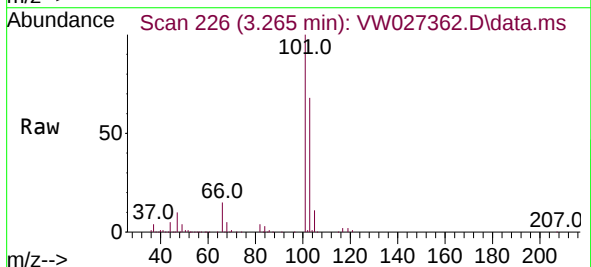
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ClientSampleId :

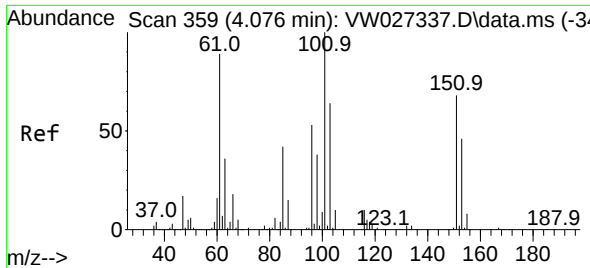
Tgt Ion: 64 Resp: 85945
Ion Ratio Lower Upper
64 100
66 30.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 26.948 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Tgt Ion: 101 Resp: 113079
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4

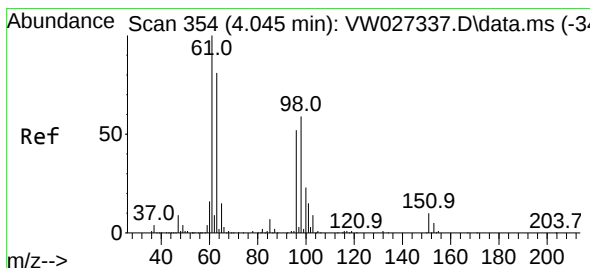
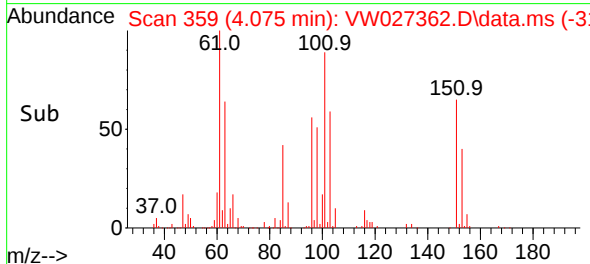
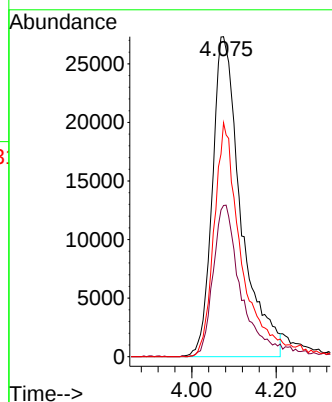
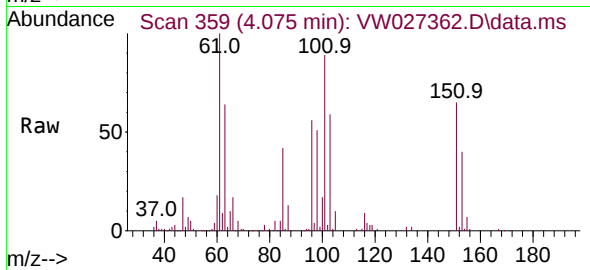




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.497 ug/L
 RT: 4.075 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW027362.D
 Acq: 20 Oct 2023 09:58

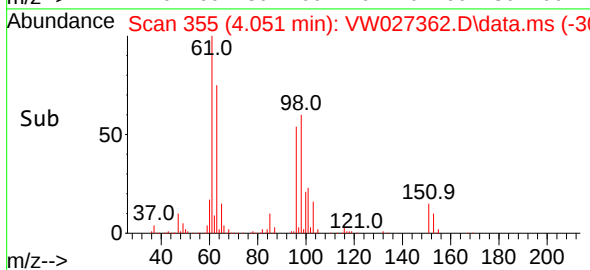
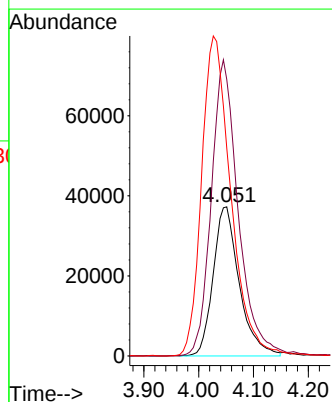
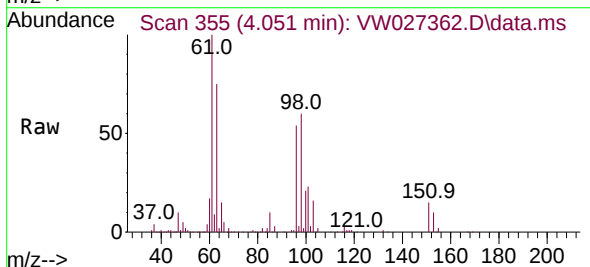
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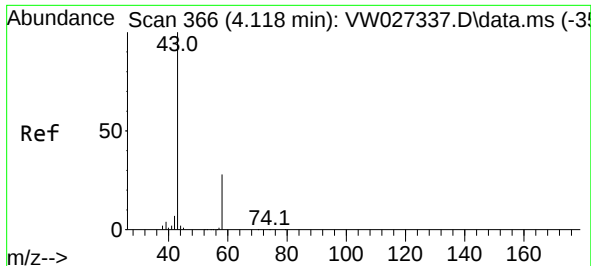
Tgt Ion:101 Resp: 128716
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.1 51.1
 151 68.3 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 24.131 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027362.D
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Tgt Ion: 96 Resp: 123222
 Ion Ratio Lower Upper
 96 100
 61 185.5 133.3 247.5
 63 139.5 115.8 215.2

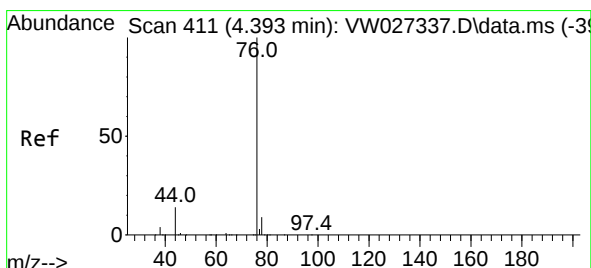
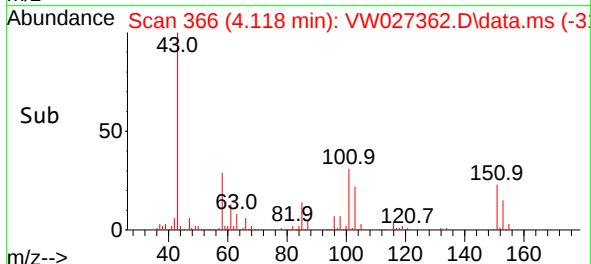
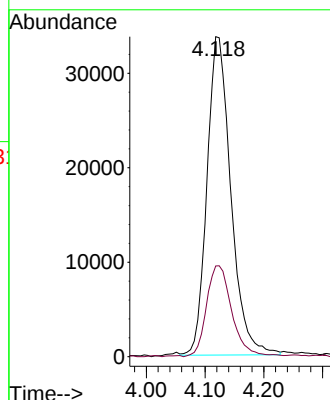
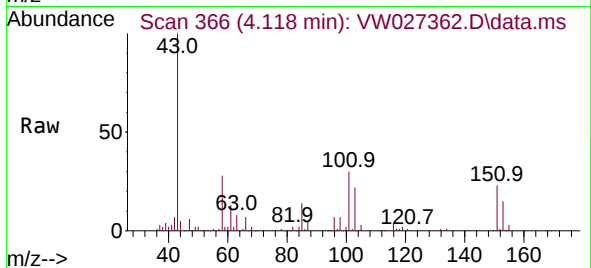




#13
Acetone
Concen: 55.851 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW027362.D
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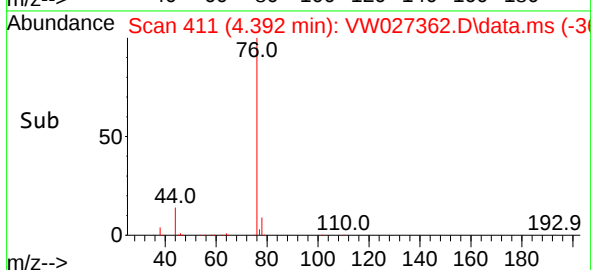
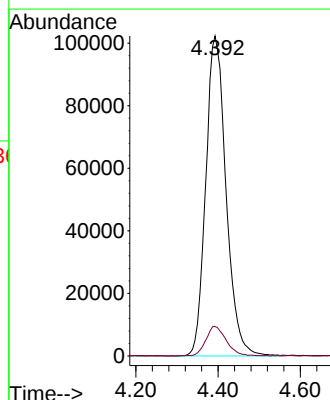
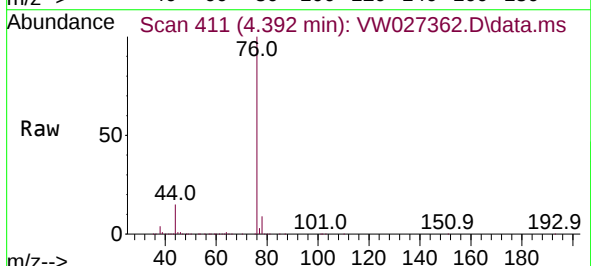
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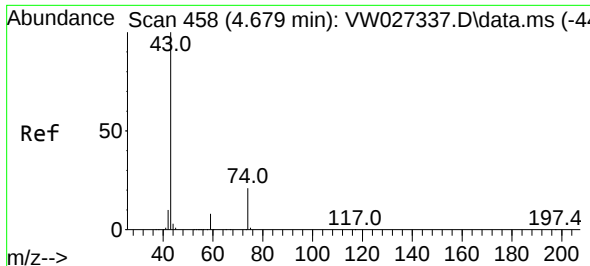
Tgt Ion: 43 Resp: 95287
Ion Ratio Lower Upper
43 100
58 30.1 0.0 60.8



#14
Carbon disulfide
Concen: 22.147 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 350592
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

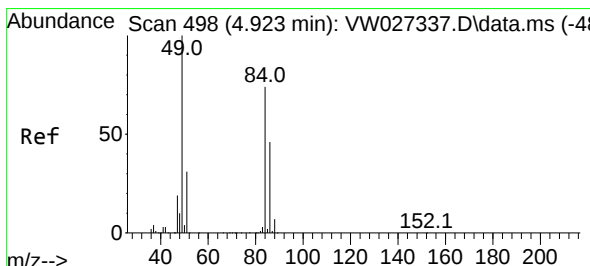
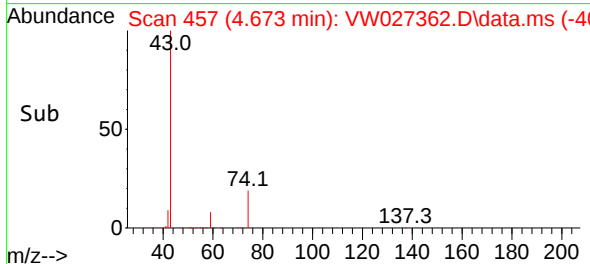
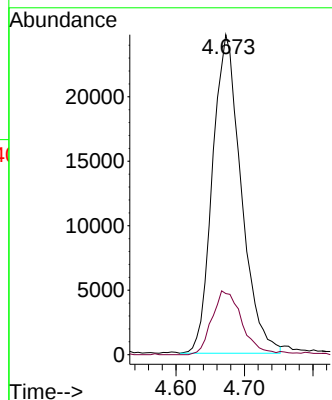
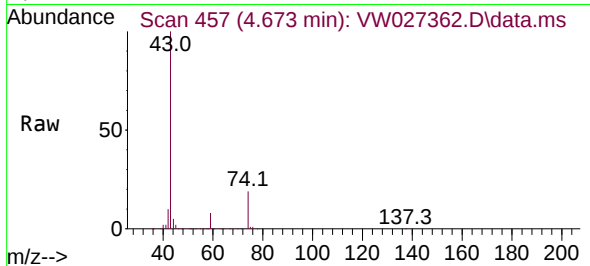




#15
Methyl Acetate
Concen: 24.626 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

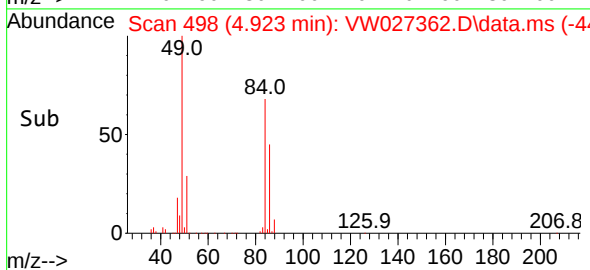
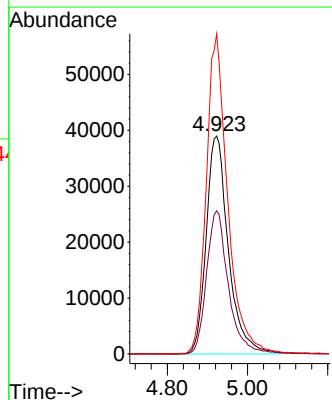
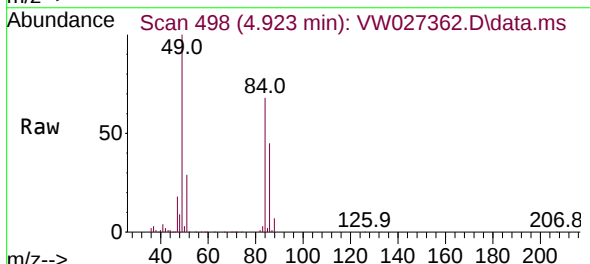
Instrument :
MSVOA_W
ClientSampleId :

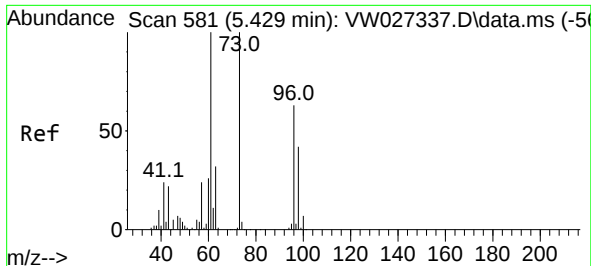
Tgt Ion: 43 Resp: 71758
Ion Ratio Lower Upper
43 100
74 20.8 17.5 26.3



#16
Methylene chloride
Concen: 20.997 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Tgt Ion: 84 Resp: 149670
Ion Ratio Lower Upper
84 100
86 65.7 41.3 76.7
49 146.9 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 23.930 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

Instrument :

MSVOA_W

ClientSampleId :

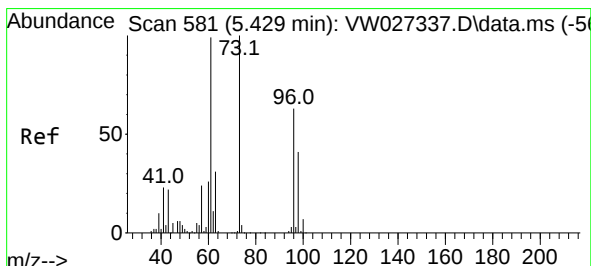
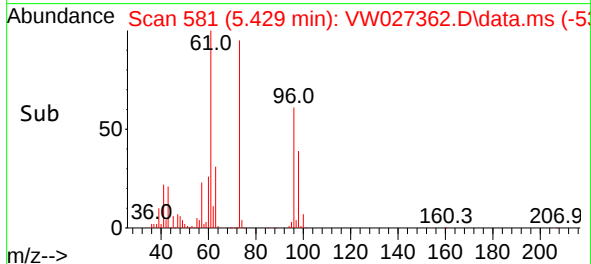
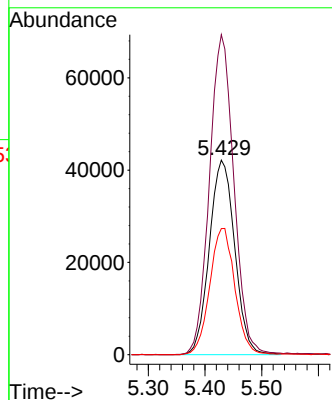
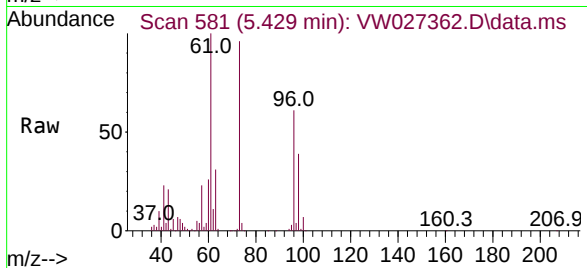
Tgt Ion: 96 Resp: 131325

Ion Ratio Lower Upper

96 100

61 164.5 105.6 196.0

98 64.8 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 24.308 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

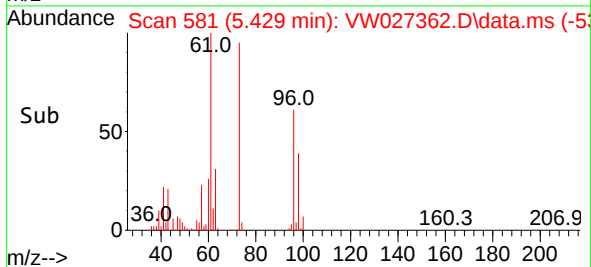
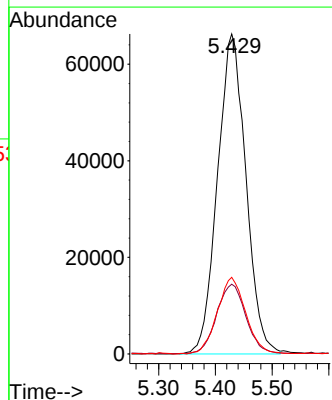
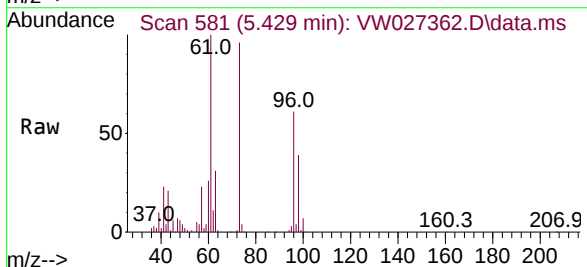
Tgt Ion: 73 Resp: 230158

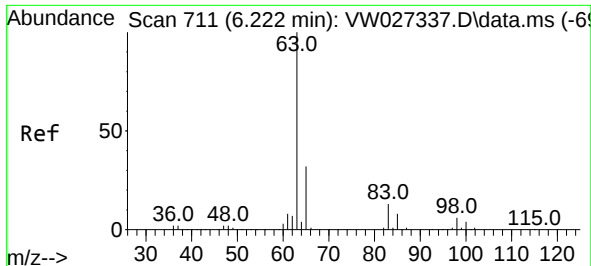
Ion Ratio Lower Upper

73 100

43 22.4 17.7 26.5

57 24.0 18.5 27.7





#19

1,1-Dichloroethane

Concen: 25.573 ug/L

RT: 6.221 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

Instrument :

MSVOA_W

ClientSampleId :

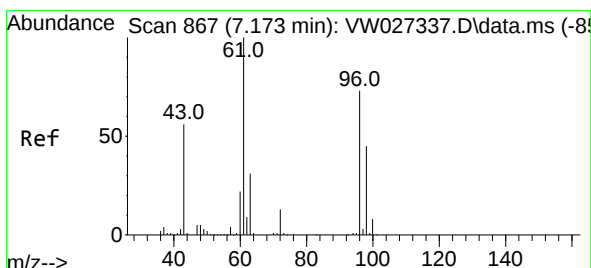
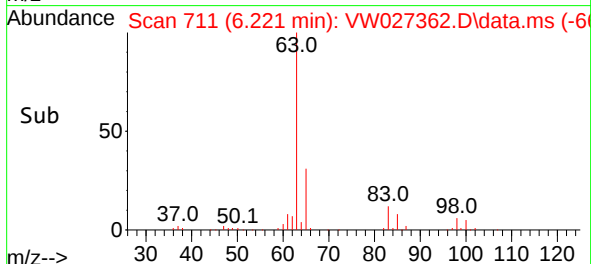
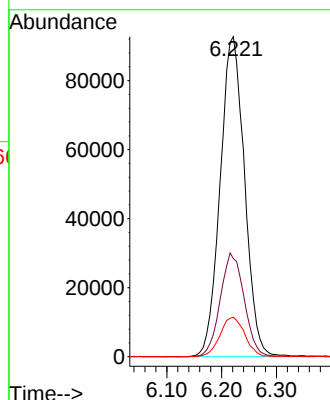
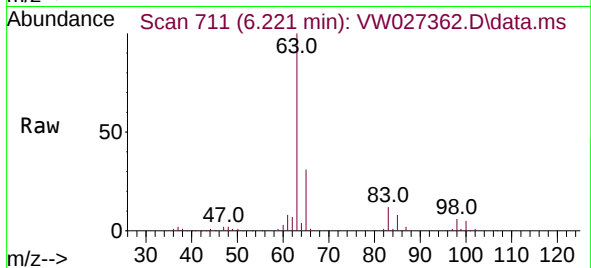
Tgt Ion: 63 Resp: 286335

Ion Ratio Lower Upper

63 100

65 30.7 22.9 42.5

83 12.4 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 24.618 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

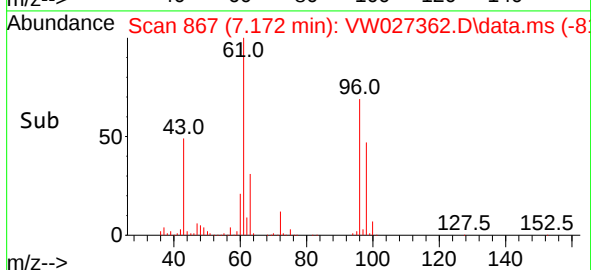
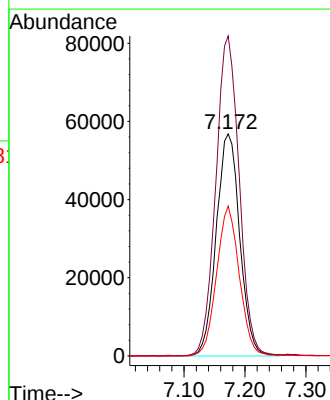
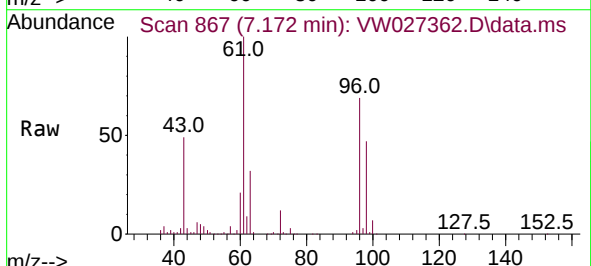
Tgt Ion: 96 Resp: 152572

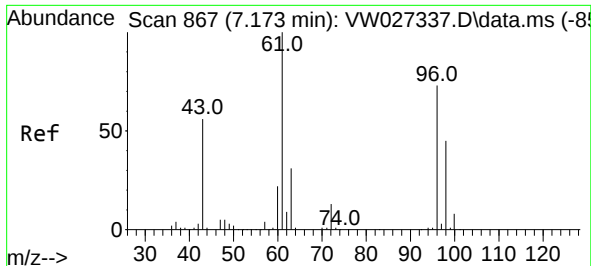
Ion Ratio Lower Upper

96 100

61 144.1 96.2 178.8

98 67.5 46.0 85.4

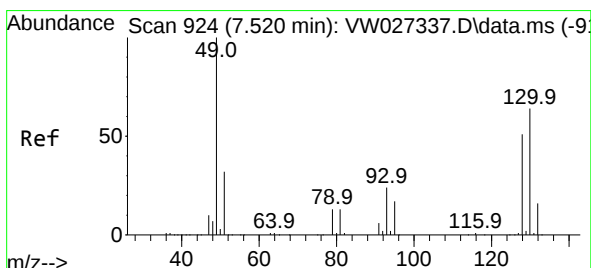
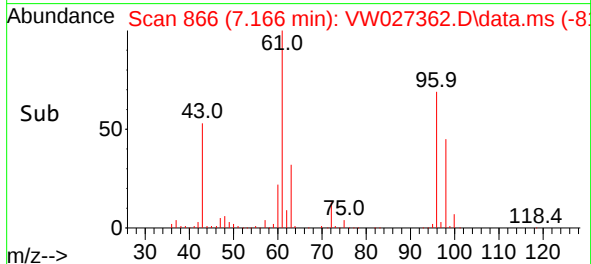
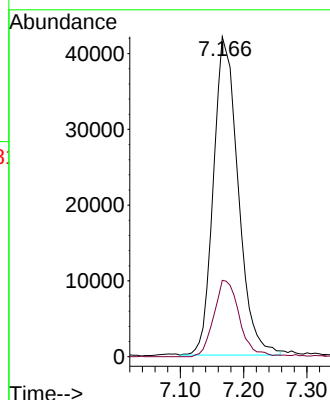
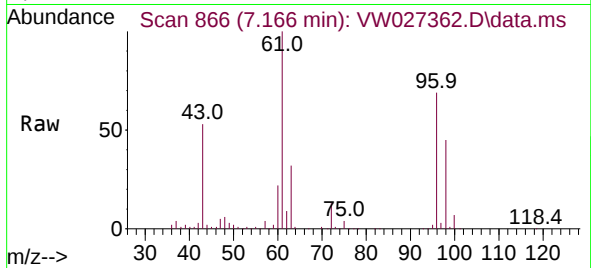




#22
2-Butanone
Concen: 44.719 ug/L
RT: 7.166 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

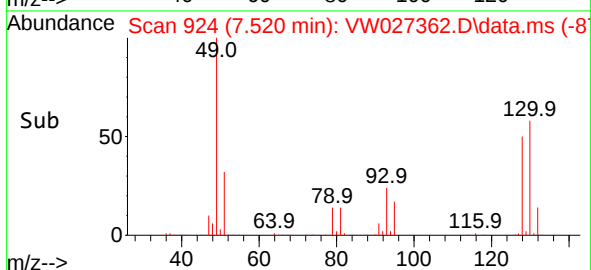
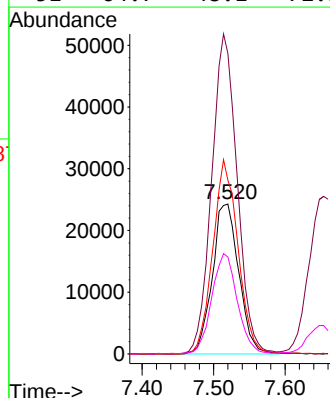
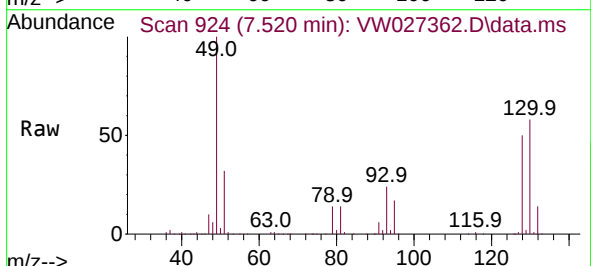
Instrument :
MSVOA_W
ClientSampleId :

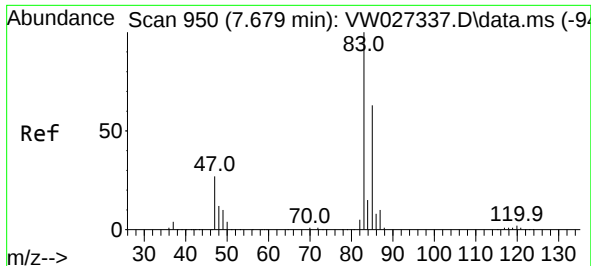
Tgt Ion: 43 Resp: 114199
Ion Ratio Lower Upper
43 100
72 24.1 12.3 36.8



#23
Bromochloromethane
Concen: 24.344 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Tgt Ion:128 Resp: 62288
Ion Ratio Lower Upper
128 100
49 200.5 128.9 239.5
130 116.0 85.0 157.8
51 64.7 48.1 72.1

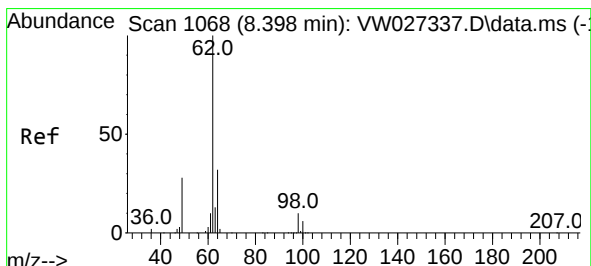
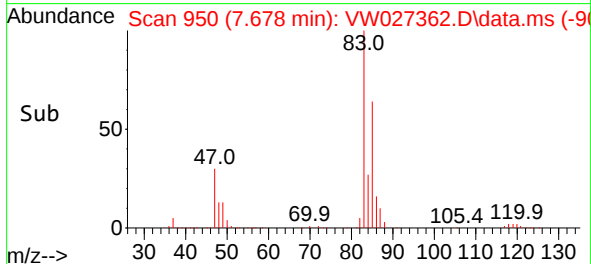
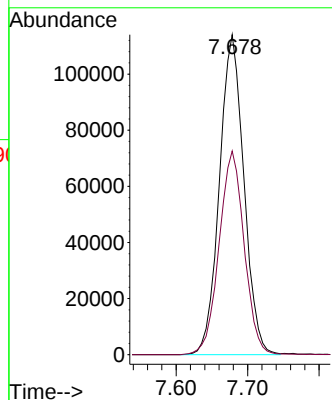
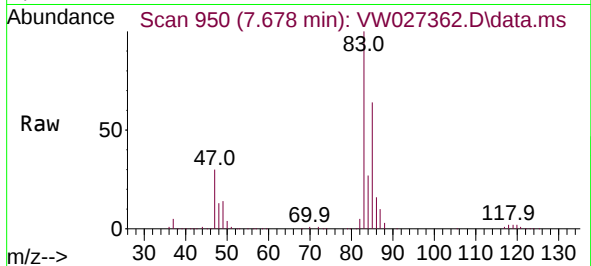




#25
Chloroform
Concen: 25.816 ug/L
RT: 7.678 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

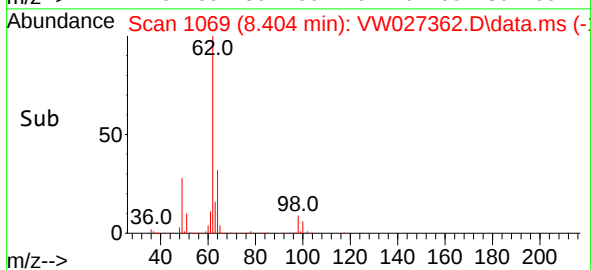
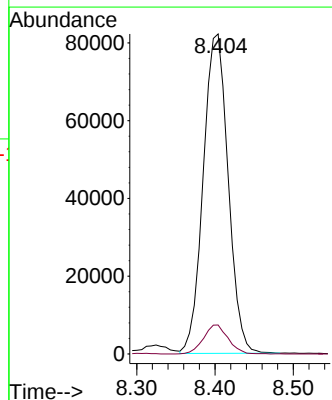
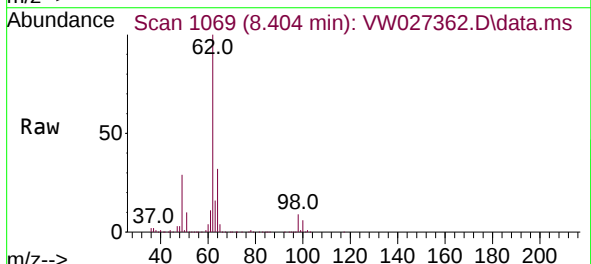
Instrument :
MSVOA_W
ClientSampleId :

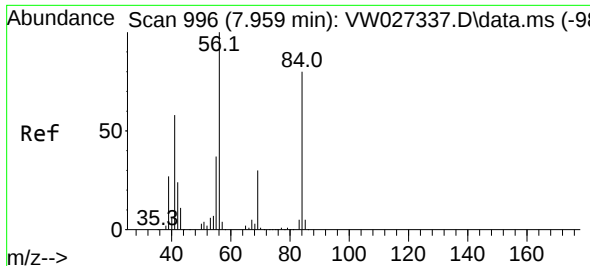
Tgt Ion: 83 Resp: 270531
Ion Ratio Lower Upper
83 100
85 63.7 44.1 81.9



#27
1,2-Dichloroethane
Concen: 25.513 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

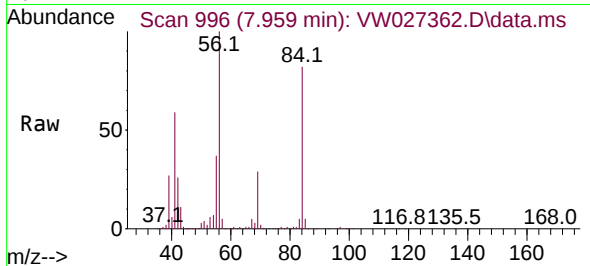
Tgt Ion: 62 Resp: 181613
Ion Ratio Lower Upper
62 100
98 9.0 7.5 11.3



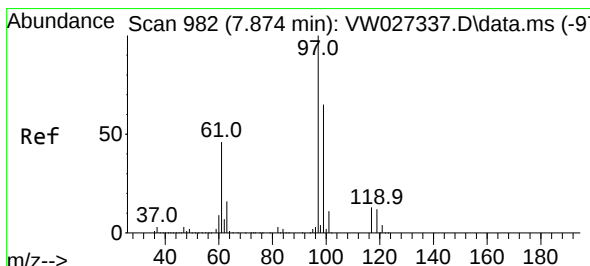
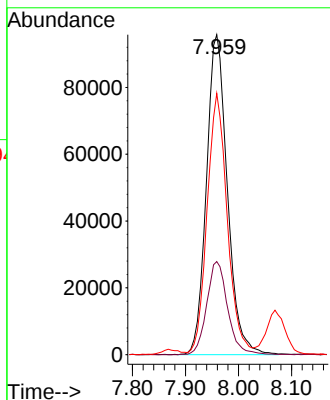
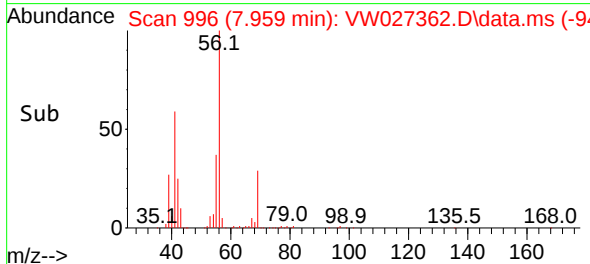


#29
Cyclohexane
Concen: 24.211 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Instrument :
MSVOA_W
ClientSampleId :

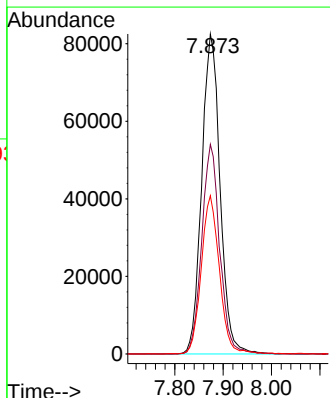
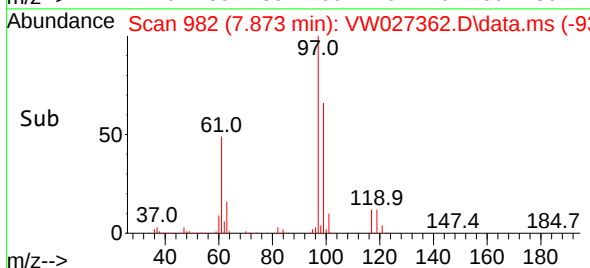
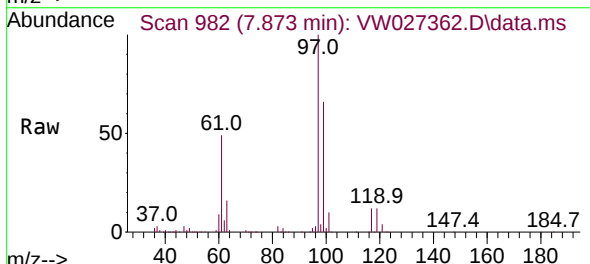


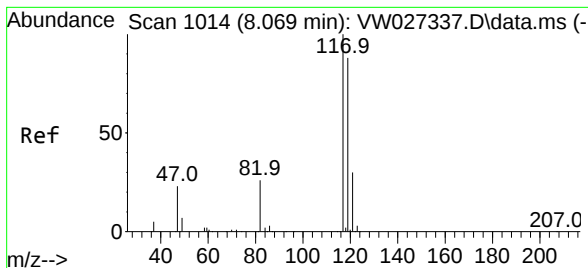
Tgt Ion:	56	Resp:	262950
Ion Ratio	Lower	Upper	
56	100		
69	28.8	24.2	36.4
84	78.3	65.1	97.7



#30
1,1,1-Trichloroethane
Concen: 24.944 ug/L
RT: 7.873 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Tgt Ion:	97	Resp:	217647
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.4	77.0
61	48.0	37.4	56.0

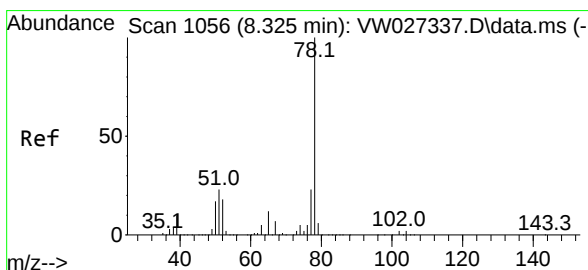
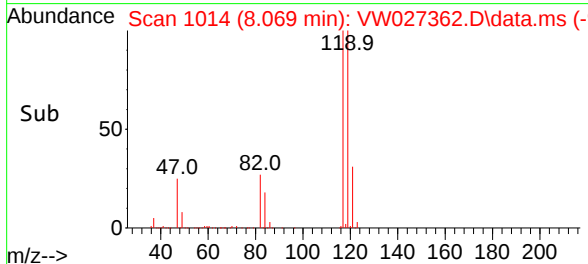
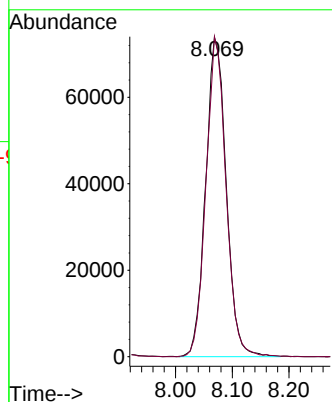
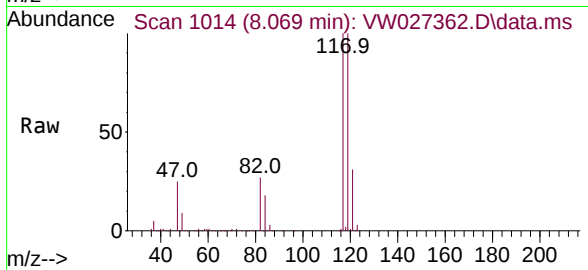




#31
Carbon tetrachloride
Concen: 23.695 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

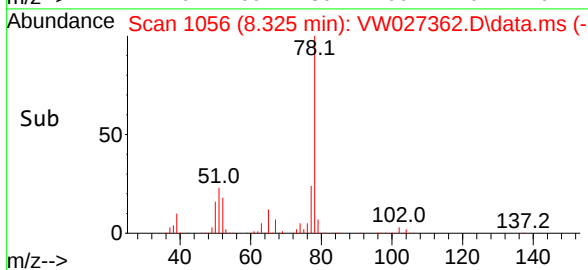
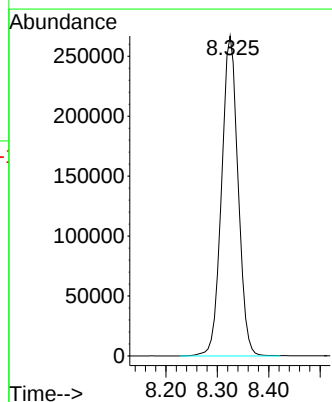
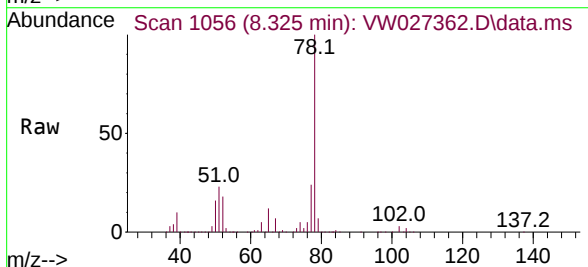
Instrument :
MSVOA_W
ClientSampleId :

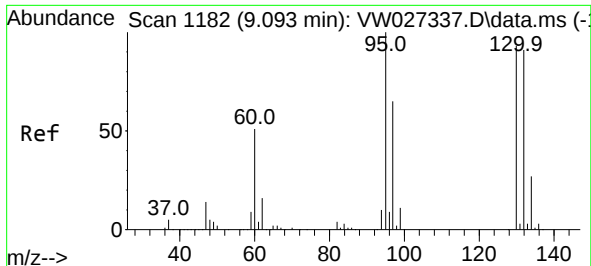
Tgt Ion:117 Resp: 186424
Ion Ratio Lower Upper
117 100
119 97.0 77.1 115.7



#33
Benzene
Concen: 25.431 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

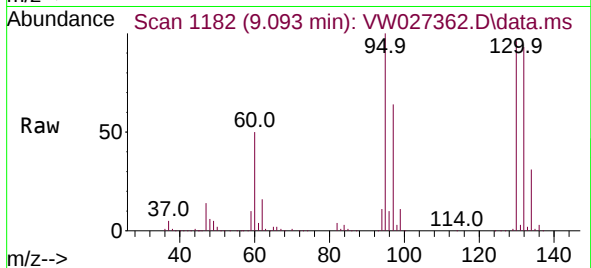
Tgt Ion: 78 Resp: 594500





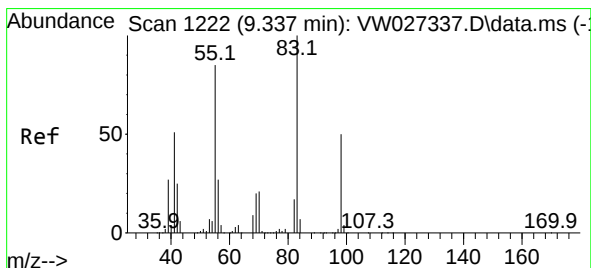
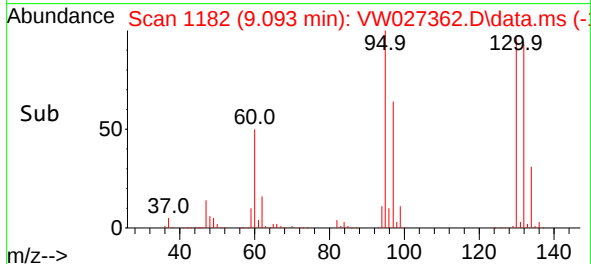
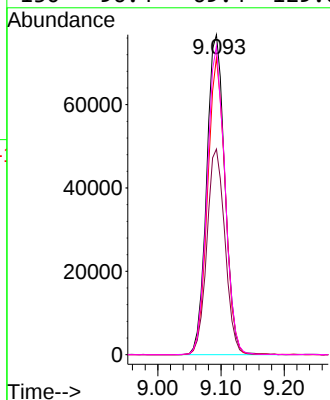
#34
Trichloroethene
Concen: 24.872 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 153581

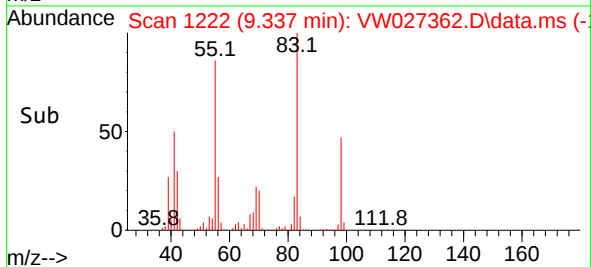
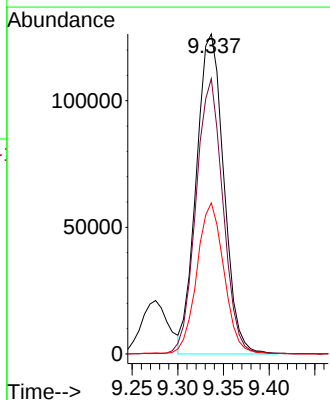
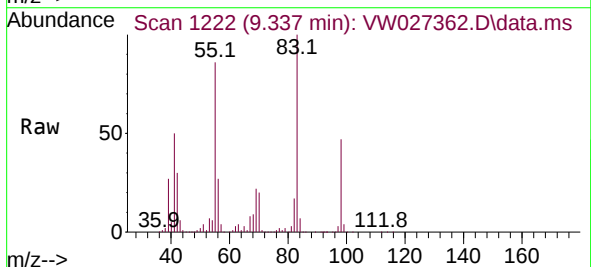
Ion	Ratio	Lower	Upper
95	100		
97	64.2	43.4	80.6
132	92.8	67.6	125.6
130	96.4	69.4	129.0

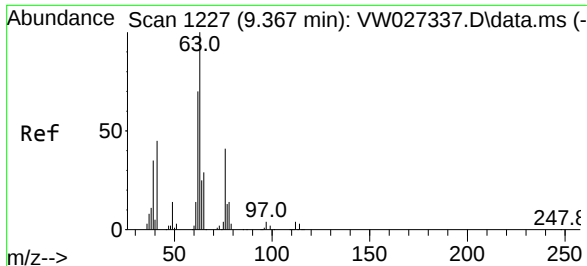


#35
Methylcyclohexane
Concen: 23.910 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Tgt Ion: 83 Resp: 264028

Ion	Ratio	Lower	Upper
83	100		
55	84.8	65.8	98.8
98	46.8	38.1	57.1

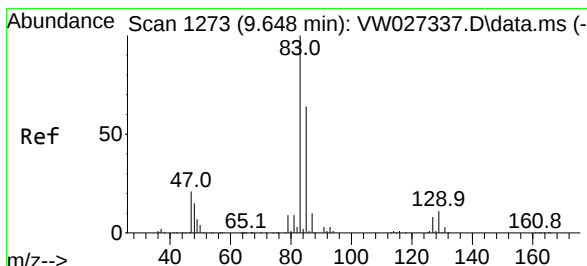
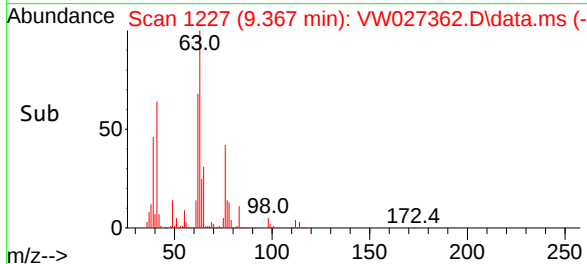
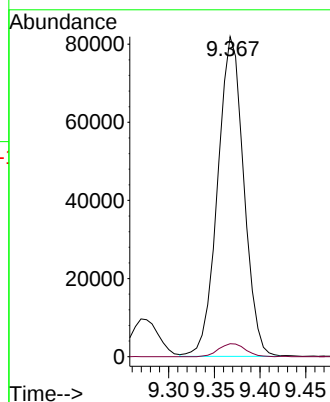
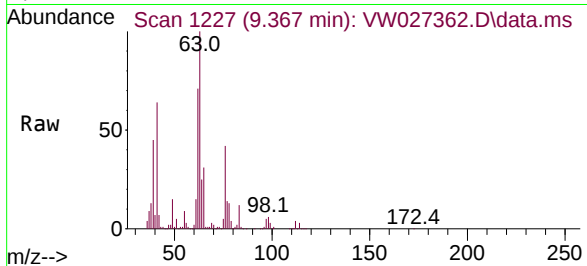




#37
1,2-Dichloropropane
Concen: 25.782 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

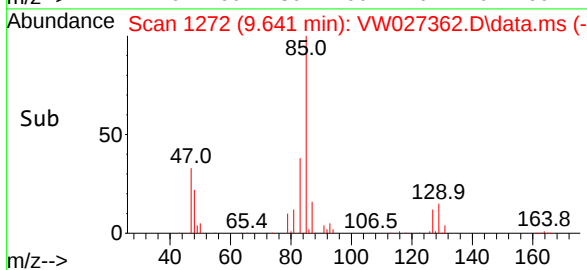
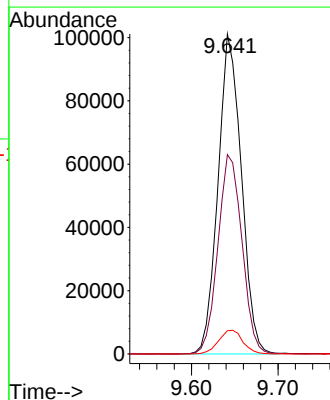
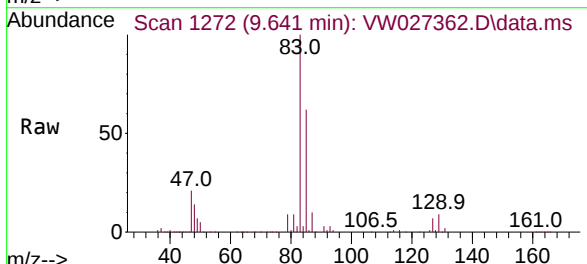
Instrument :
MSVOA_W
ClientSampleId :

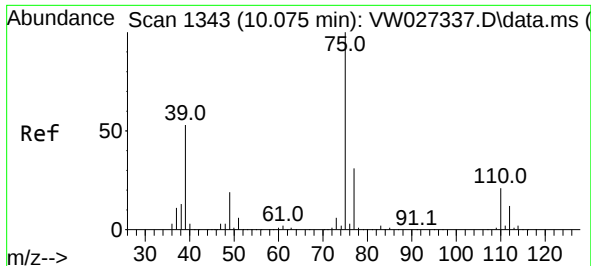
Tgt Ion: 63 Resp: 162963
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3



#38
Bromodichloromethane
Concen: 24.367 ug/L
RT: 9.641 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Tgt Ion: 83 Resp: 189385
Ion Ratio Lower Upper
83 100
85 62.3 43.9 81.5
127 7.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 24.101 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

Instrument :

MSVOA_W

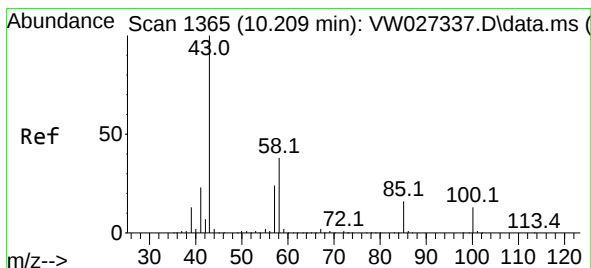
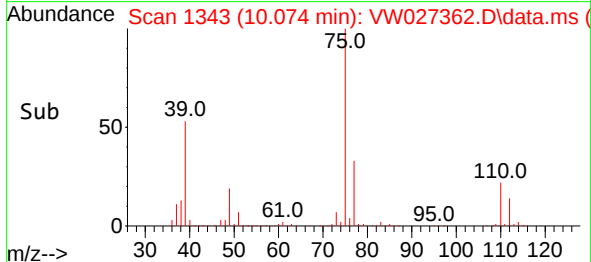
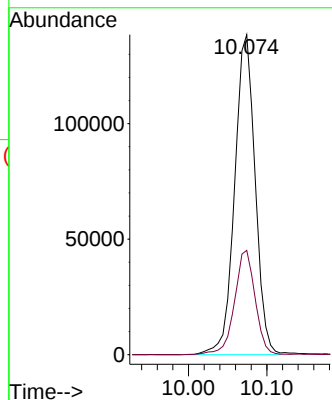
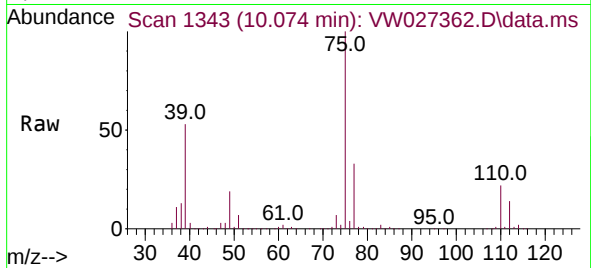
ClientSampleId :

Tgt Ion: 75 Resp: 251649

Ion Ratio Lower Upper

75 100

77 32.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 49.077 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

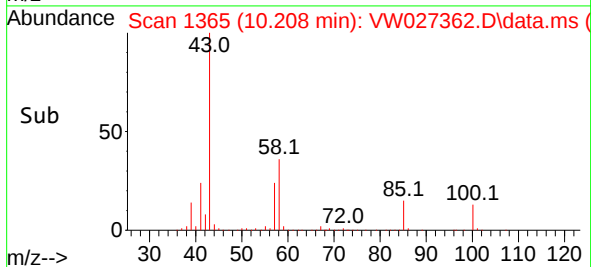
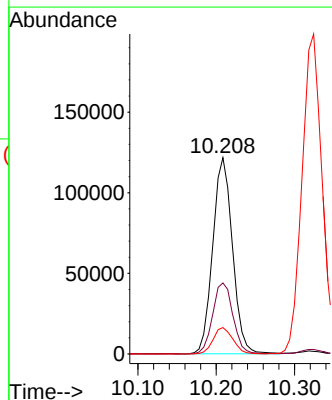
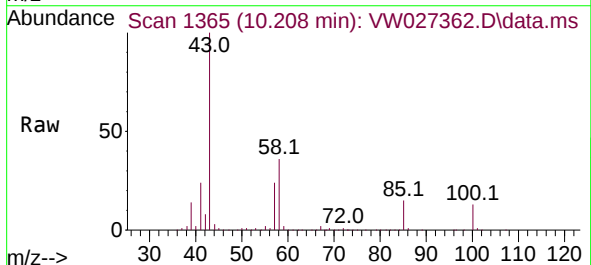
Tgt Ion: 43 Resp: 213333

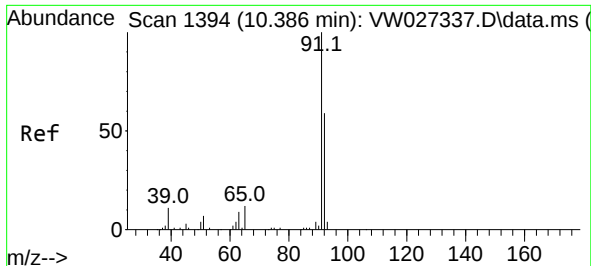
Ion Ratio Lower Upper

43 100

58 37.2 30.5 45.7

100 13.5 11.5 17.3

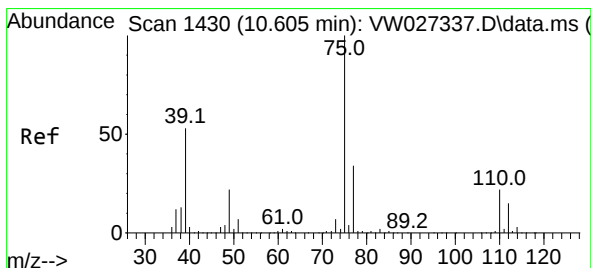
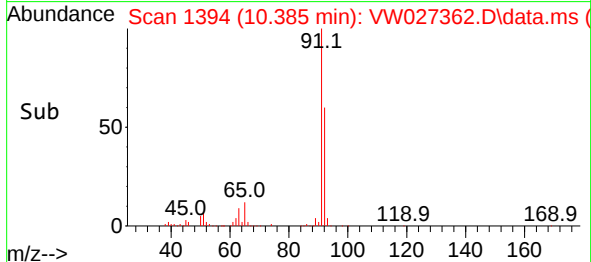
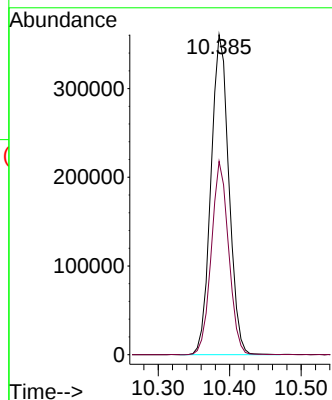
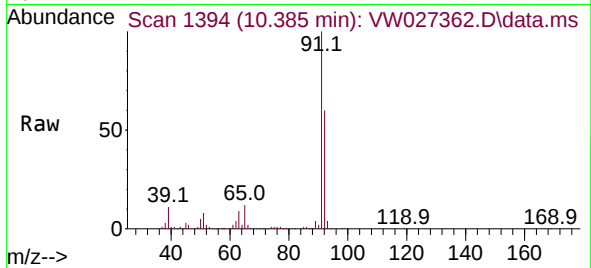




#42
Toluene
Concen: 25.553 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

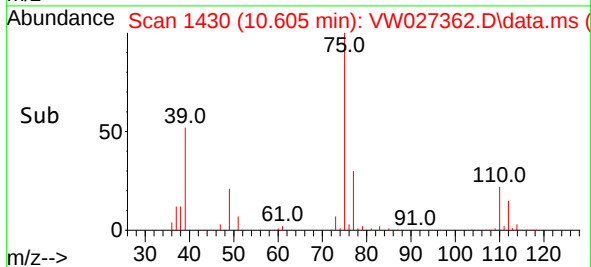
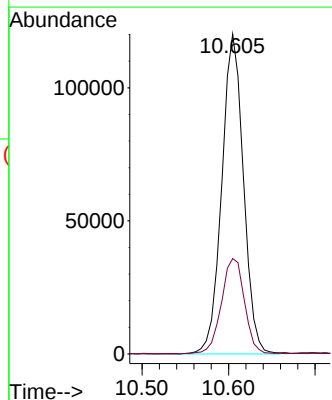
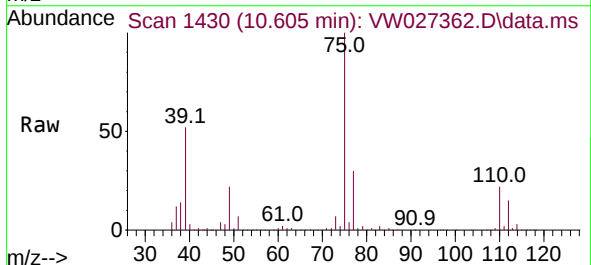
Instrument :
MSVOA_W
ClientSampleId :

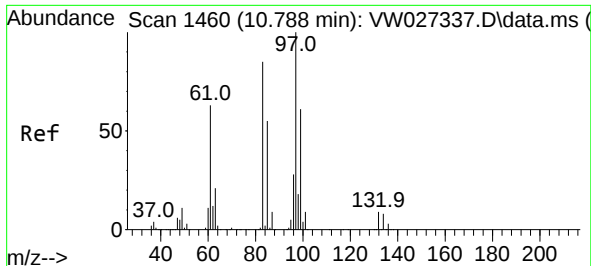
Tgt Ion: 91 Resp: 626648
Ion Ratio Lower Upper
91 100
92 60.4 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 23.712 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Tgt Ion: 75 Resp: 208902
Ion Ratio Lower Upper
75 100
77 29.8 22.0 41.0



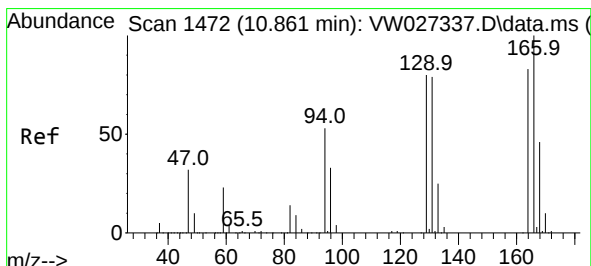
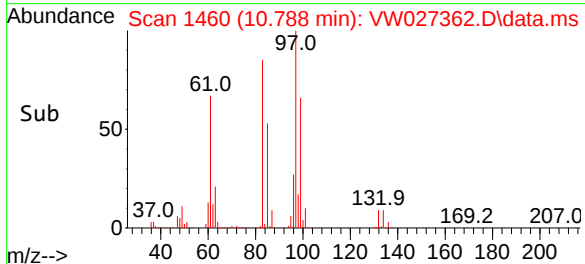
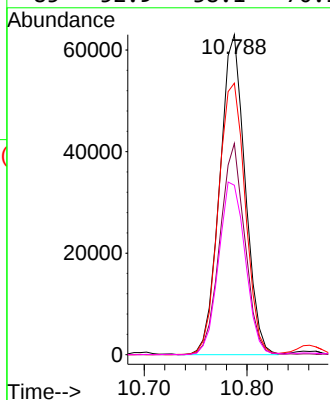
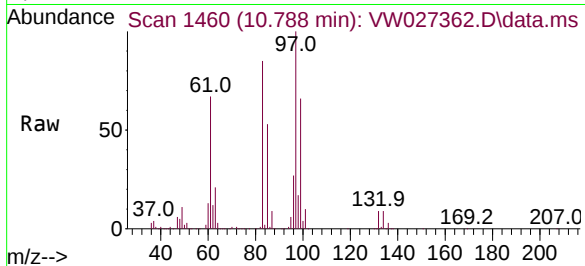


#45
1,1,2-Trichloroethane
Concen: 24.904 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 108323

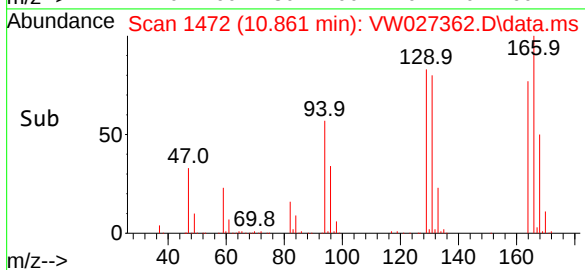
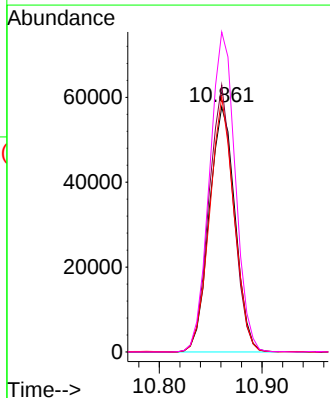
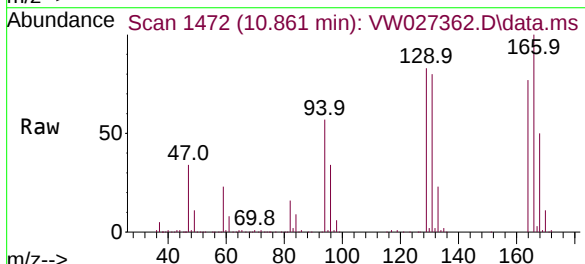
Ion	Ratio	Lower	Upper
97	100		
99	66.0	43.8	81.4
83	84.8	57.5	106.7
85	52.9	38.1	70.9

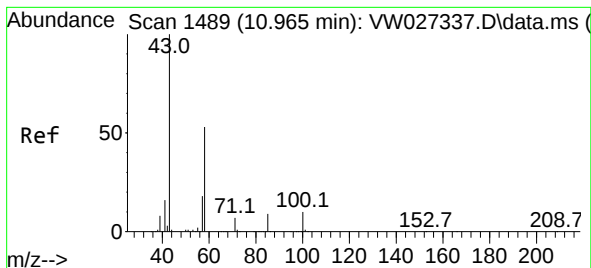


#46
Tetrachloroethene
Concen: 23.610 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Tgt Ion: 164 Resp: 100670

Ion	Ratio	Lower	Upper
164	100		
129	109.0	74.7	138.7
131	104.0	73.2	136.0
166	130.5	87.3	162.1





#48

2-Hexanone

Concen: 51.271 ug/L

RT: 10.964 min Scan# 1489

Delta R.T. -0.000 min

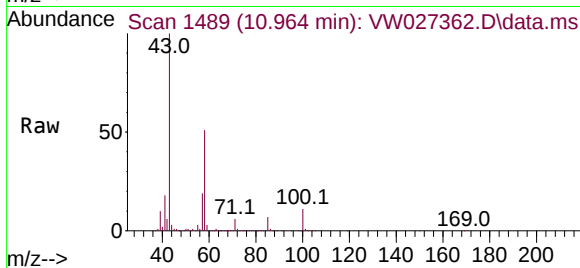
Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 164955

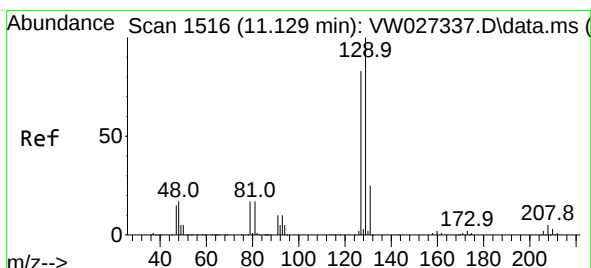
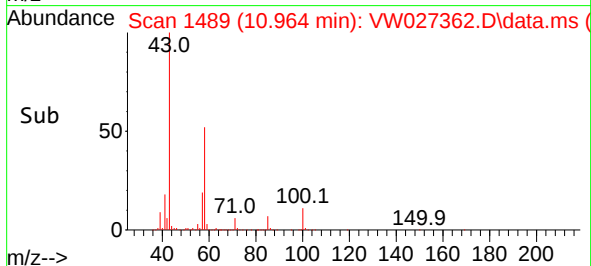
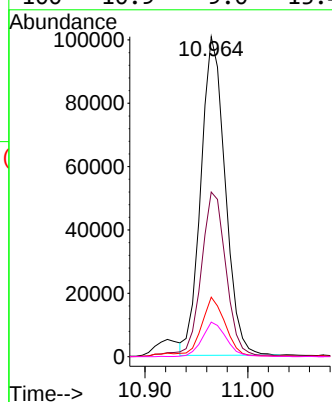
Ion Ratio Lower Upper

43 100

58 53.4 42.2 63.4

57 18.3 15.1 22.7

100 10.9 9.0 13.4



#49

Dibromochloromethane

Concen: 23.221 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW027362.D

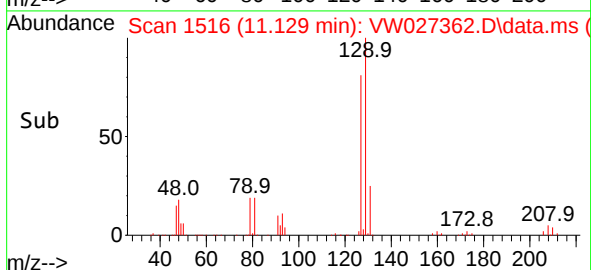
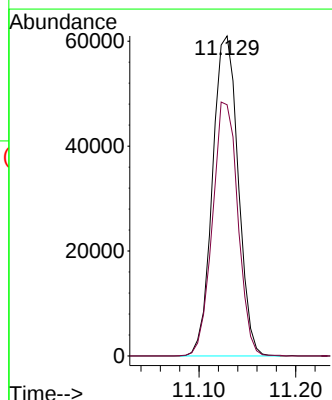
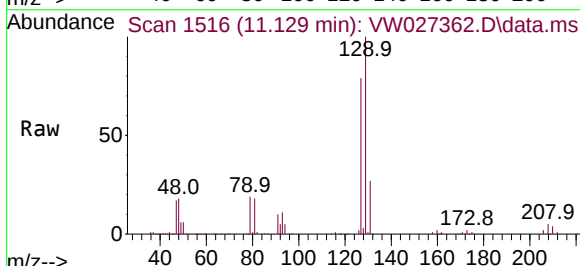
Acq: 20 Oct 2023 09:58

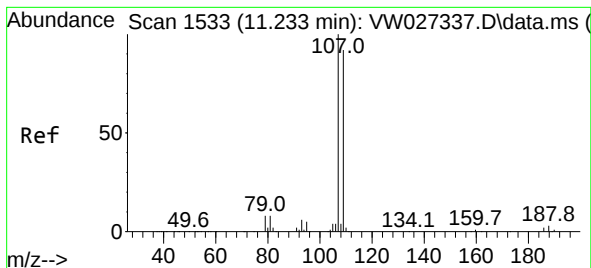
Tgt Ion:129 Resp: 112169

Ion Ratio Lower Upper

129 100

127 78.5 51.7 95.9

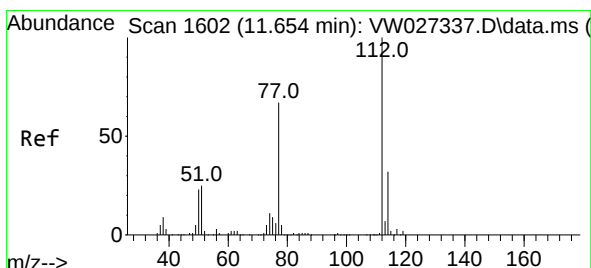
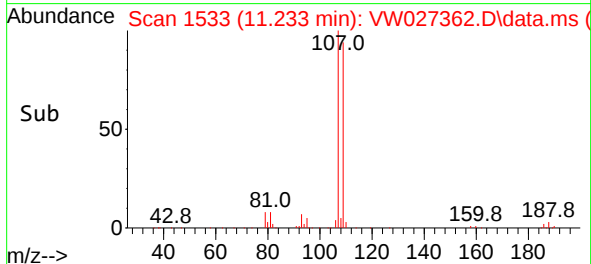
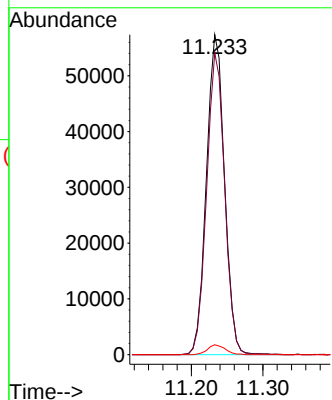
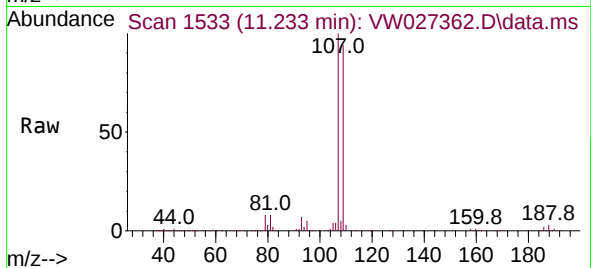




#50
1,2-Dibromoethane
Concen: 23.923 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

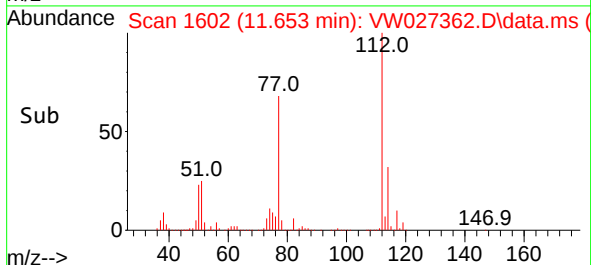
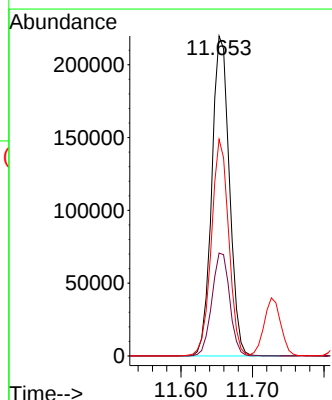
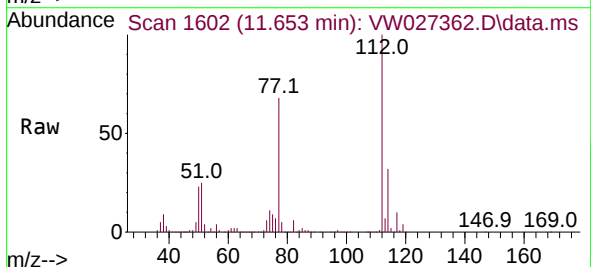
Instrument :
MSVOA_W
ClientSampleId :

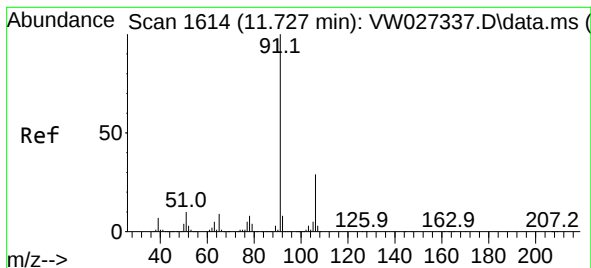
Tgt Ion:107 Resp: 100888
Ion Ratio Lower Upper
107 100
109 94.3 66.3 123.1
188 3.1 3.0 4.4



#51
Chlorobenzene
Concen: 24.441 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Tgt Ion:112 Resp: 375332
Ion Ratio Lower Upper
112 100
114 32.2 21.8 40.6
77 67.7 52.2 78.4

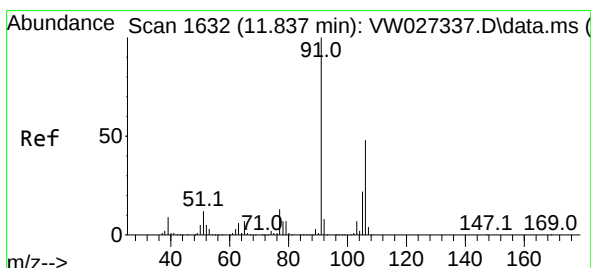
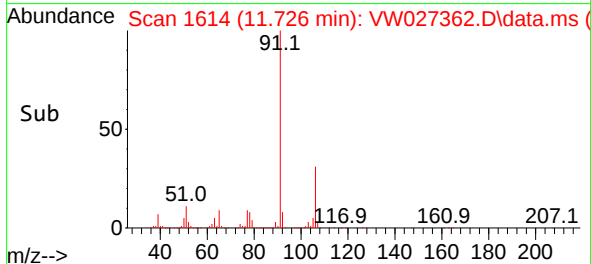
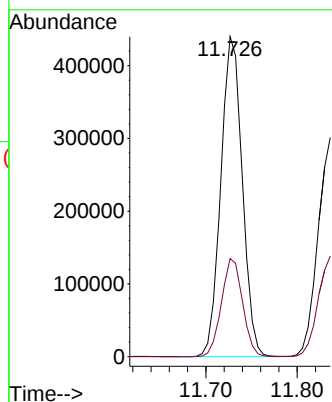
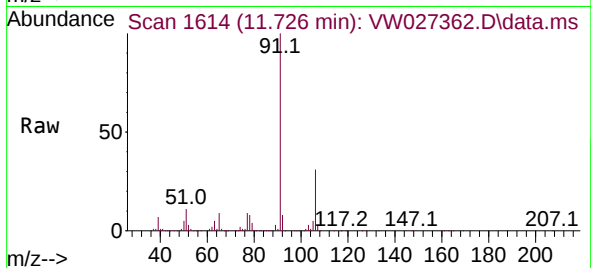




#52
Ethylbenzene
Concen: 25.178 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

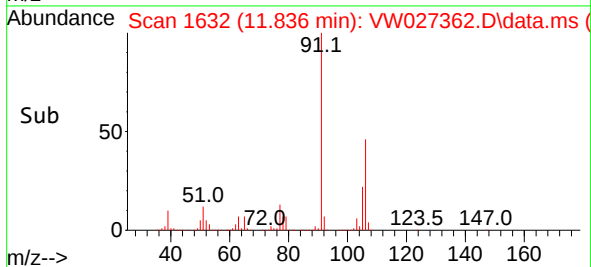
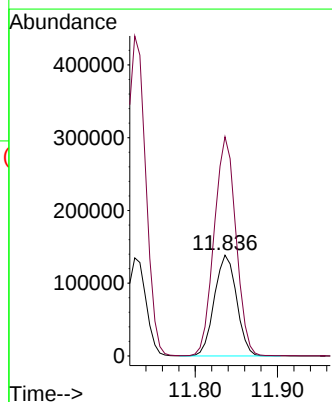
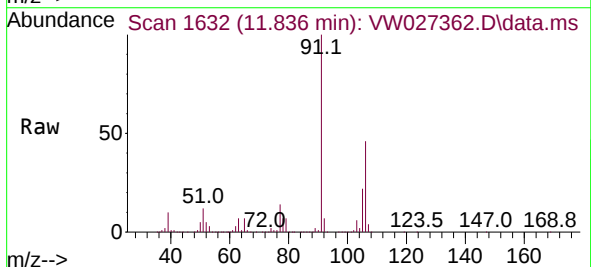
Instrument :
MSVOA_W
ClientSampleId :

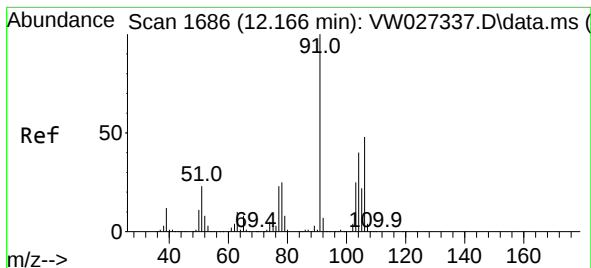
Tgt Ion: 91 Resp: 717494
Ion Ratio Lower Upper
91 100
106 30.7 19.8 36.8



#53
m,p-Xylene
Concen: 24.056 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Tgt Ion: 106 Resp: 260011
Ion Ratio Lower Upper
106 100
91 217.4 144.5 268.4





#54

o-Xylene

Concen: 24.531 ug/L

RT: 12.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

Instrument :

MSVOA_W

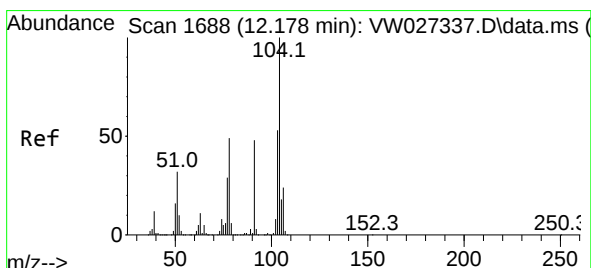
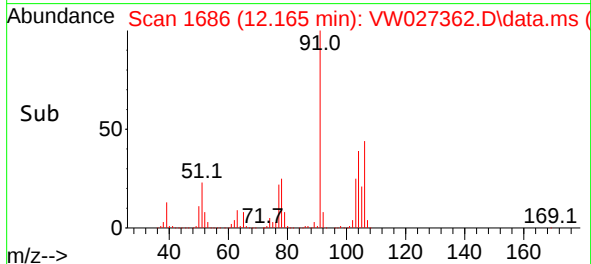
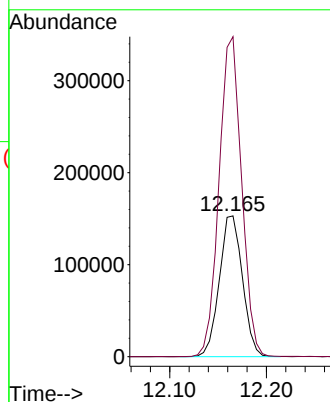
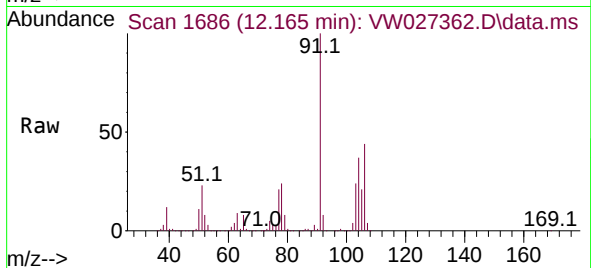
ClientSampleId :

Tgt Ion:106 Resp: 253911

Ion Ratio Lower Upper

106 100

91 227.3 152.0 282.2



#55

Styrene

Concen: 24.779 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027362.D

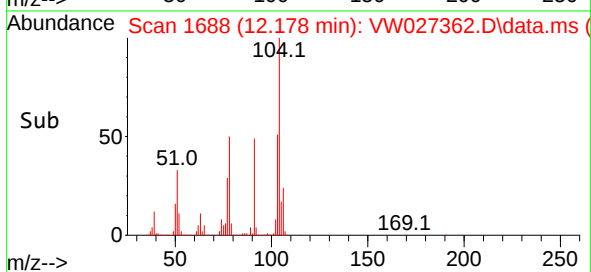
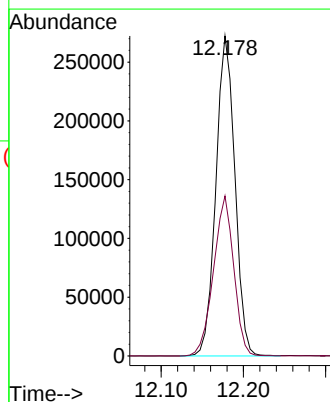
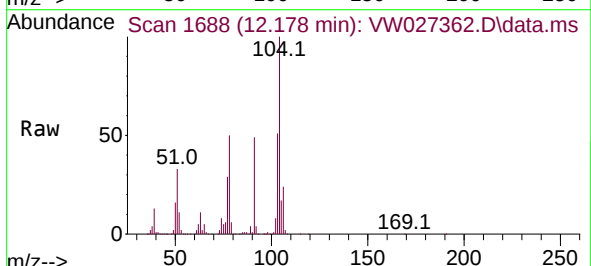
Acq: 20 Oct 2023 09:58

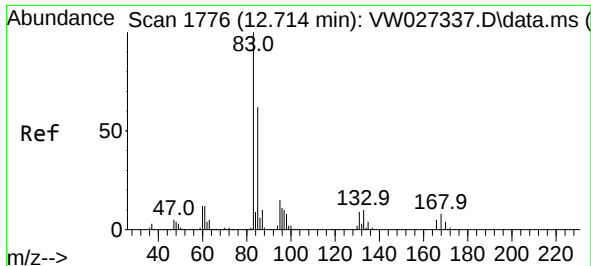
Tgt Ion:104 Resp: 438020

Ion Ratio Lower Upper

104 100

78 50.0 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 25.133 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

Instrument :

MSVOA_W

ClientSampleId :

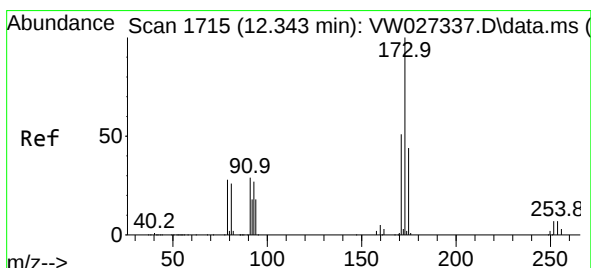
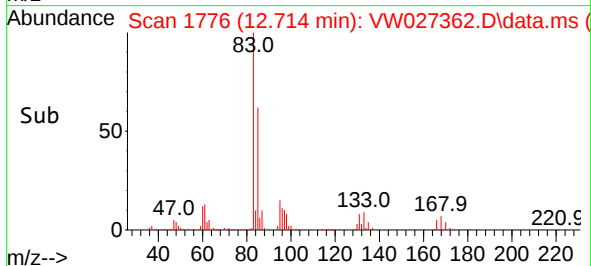
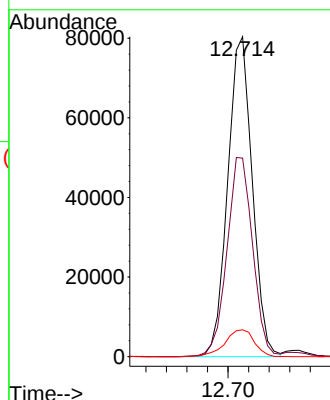
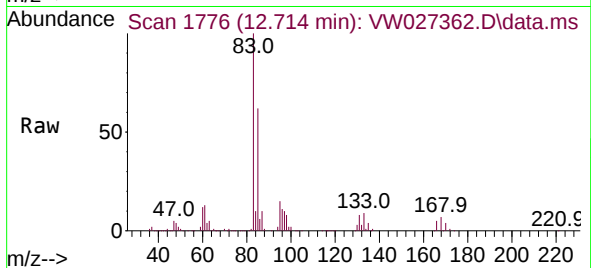
Tgt Ion: 83 Resp: 133451

Ion Ratio Lower Upper

83 100

85 62.0 43.2 80.2

131 8.4 7.2 10.8



#59

Bromoform

Concen: 22.287 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

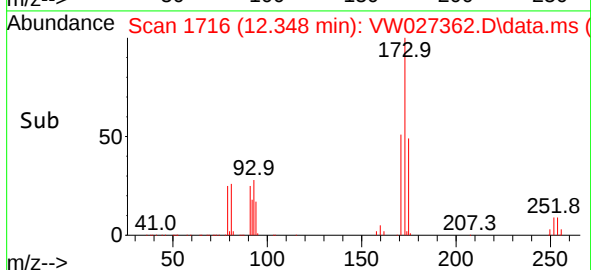
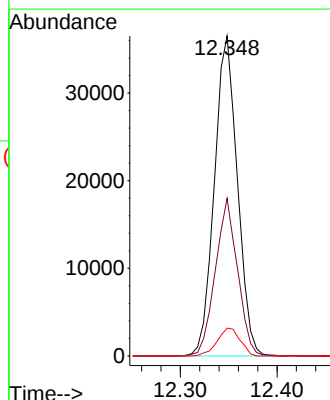
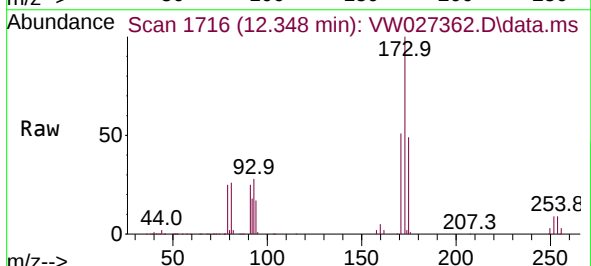
Tgt Ion:173 Resp: 60215

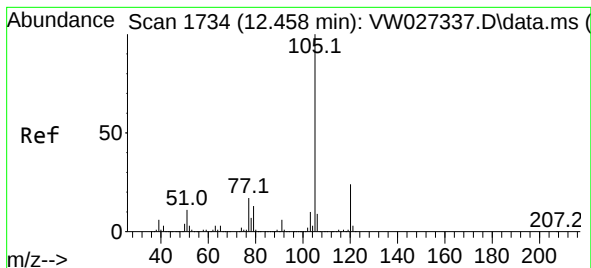
Ion Ratio Lower Upper

173 100

175 47.6 39.6 59.4

254 8.7 6.6 10.0





#60

Isopropylbenzene

Concen: 25.271 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

Instrument :

MSVOA_W

ClientSampleId :

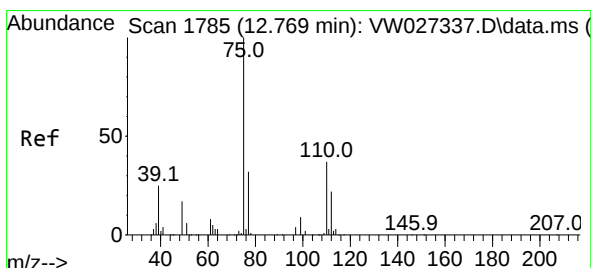
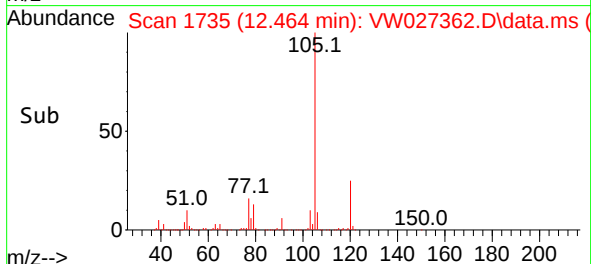
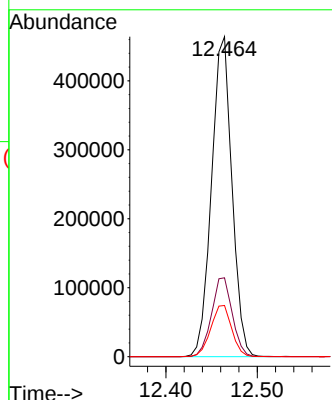
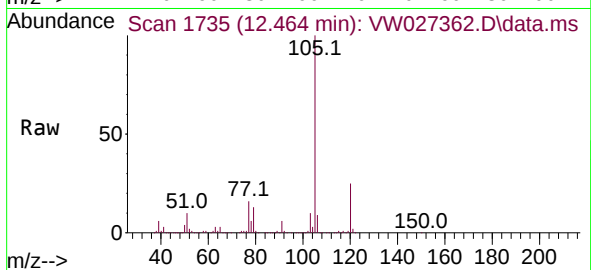
Tgt Ion:105 Resp: 720830

Ion Ratio Lower Upper

105 100

120 25.1 20.1 30.1

77 16.5 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 24.790 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

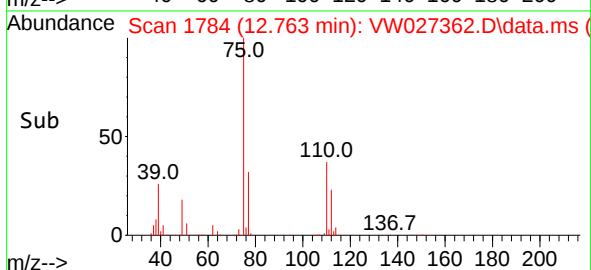
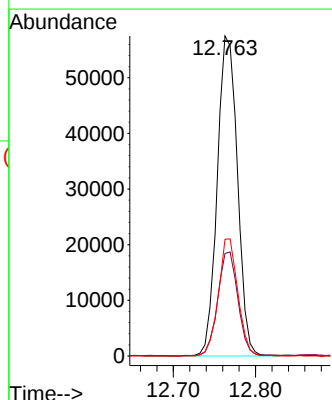
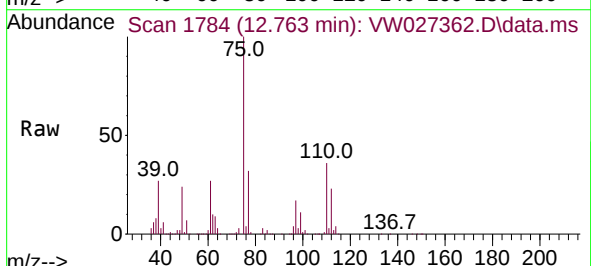
Tgt Ion: 75 Resp: 98281

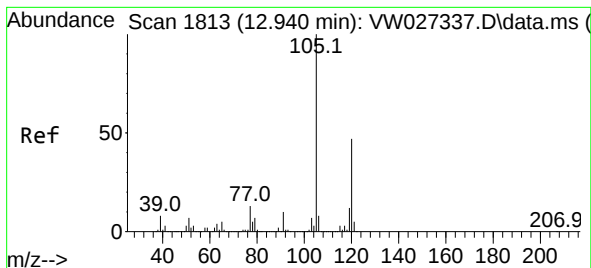
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

110 35.3 29.7 44.5

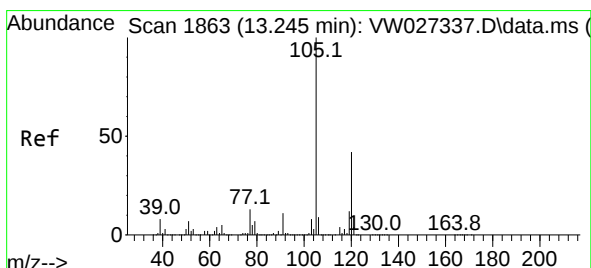
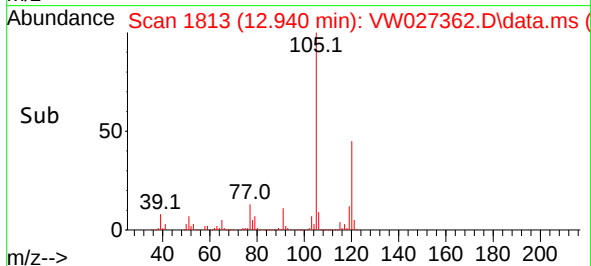
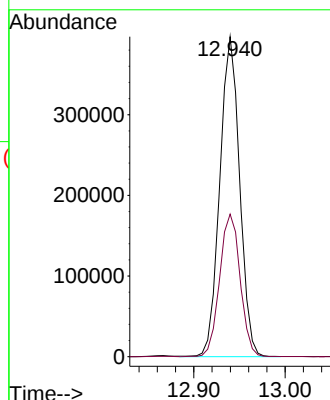
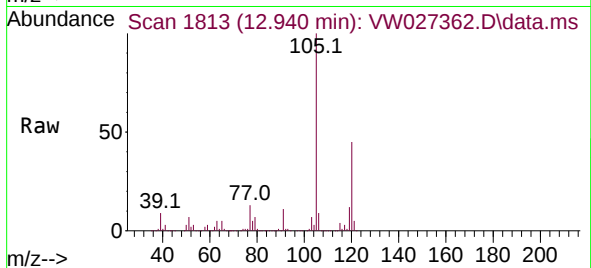




#62
1,3,5-Trimethylbenzene
Concen: 25.181 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

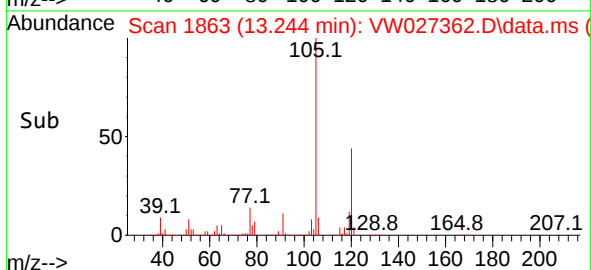
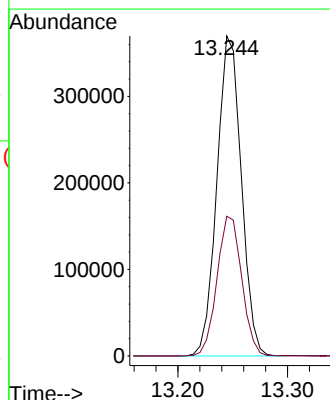
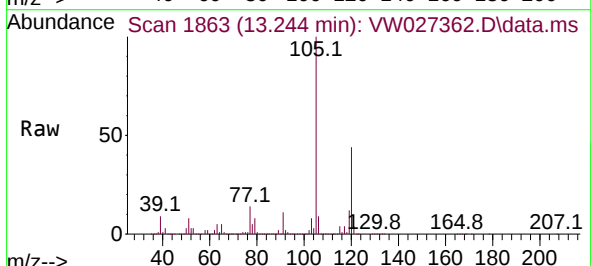
Instrument :
MSVOA_W
ClientSampleId :

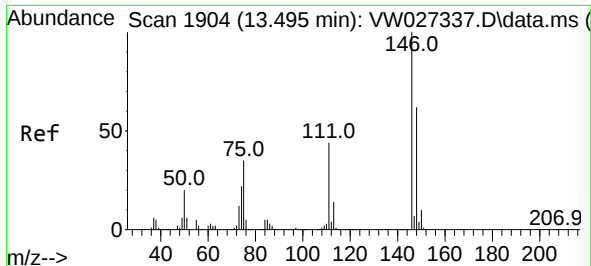
Tgt Ion:105 Resp: 599133
Ion Ratio Lower Upper
105 100
120 46.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 24.614 ug/L
RT: 13.244 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Tgt Ion:105 Resp: 573009
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.2

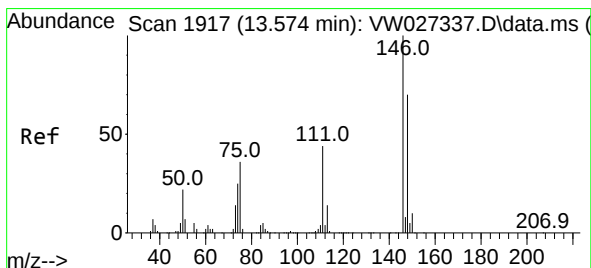
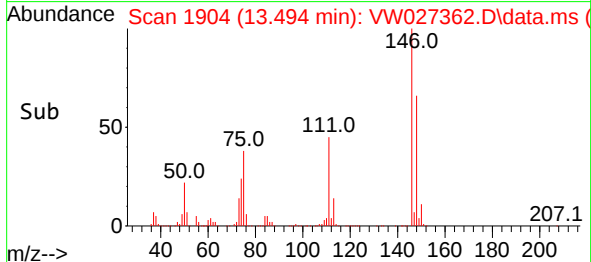
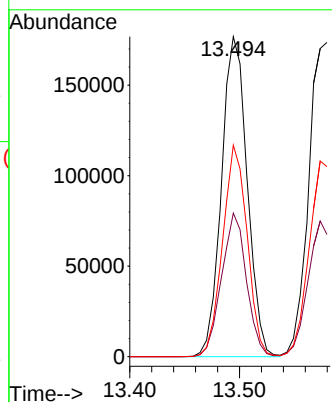
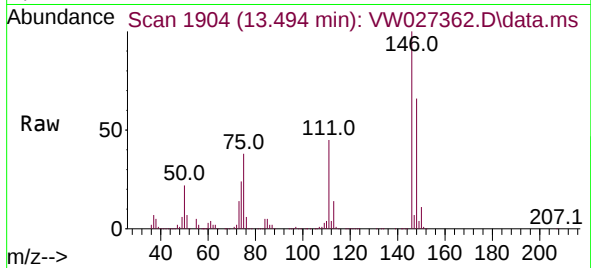




#64
1,3-Dichlorobenzene
Concen: 24.925 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

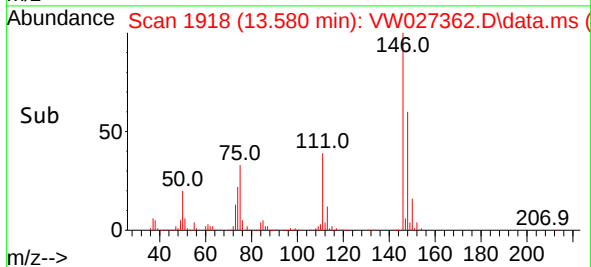
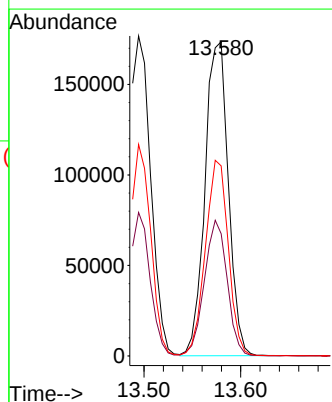
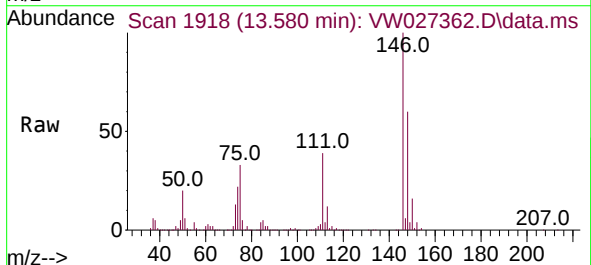
Instrument :
MSVOA_W
ClientSampleId :

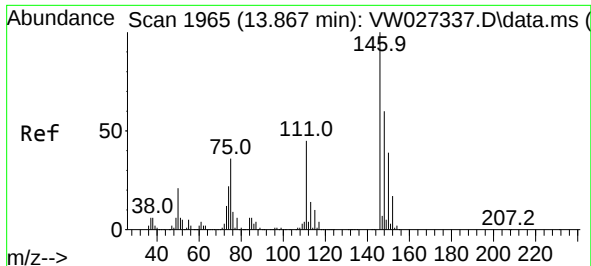
Tgt Ion:146 Resp: 288305
Ion Ratio Lower Upper
146 100
111 44.8 30.8 57.2
148 66.1 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 25.208 ug/L
RT: 13.580 min Scan# 1918
Delta R.T. 0.006 min
Lab File: VW027362.D
Acq: 20 Oct 2023 09:58

Tgt Ion:146 Resp: 291186
Ion Ratio Lower Upper
146 100
111 38.9 29.5 54.9
148 60.5 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 25.352 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

Instrument :

MSVOA_W

ClientSampleId :

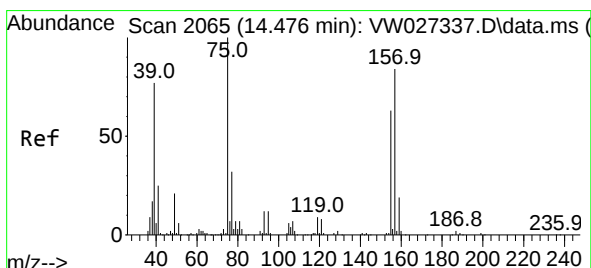
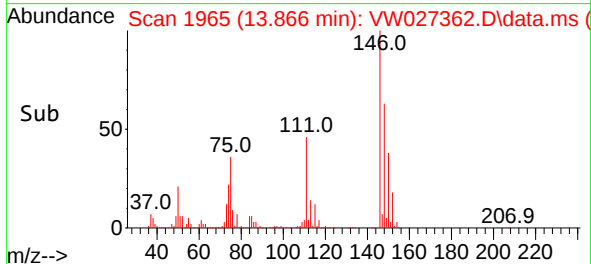
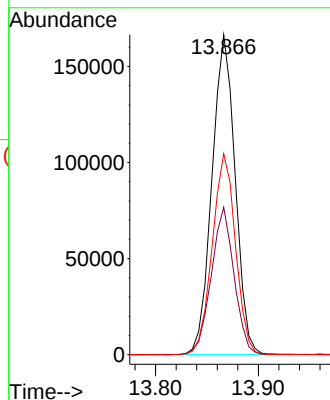
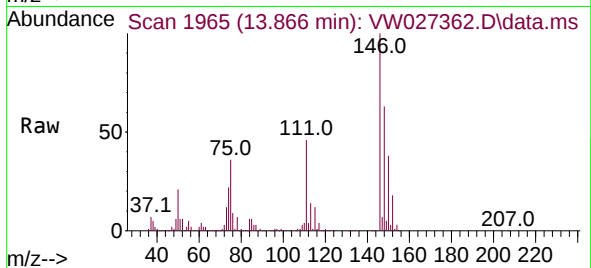
Tgt Ion:146 Resp: 260211

Ion Ratio Lower Upper

146 100

111 46.0 36.8 55.2

148 62.8 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.929 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

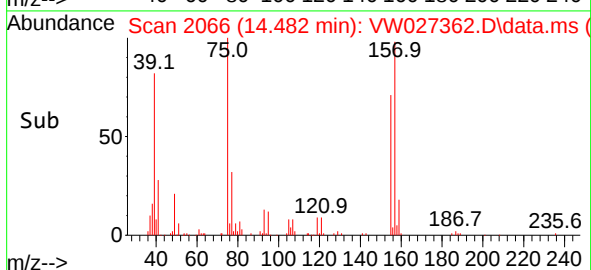
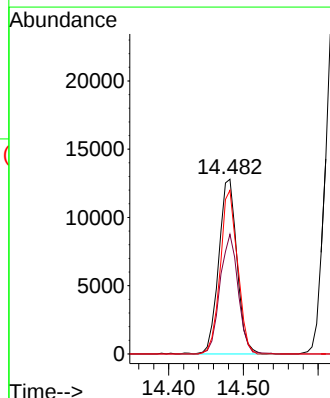
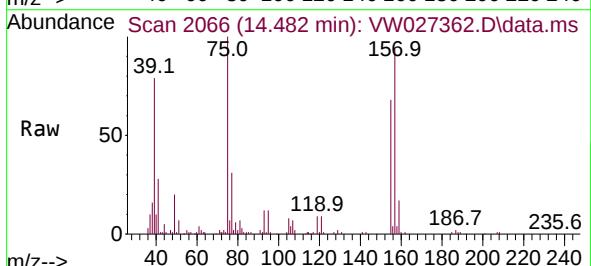
Tgt Ion: 75 Resp: 21728

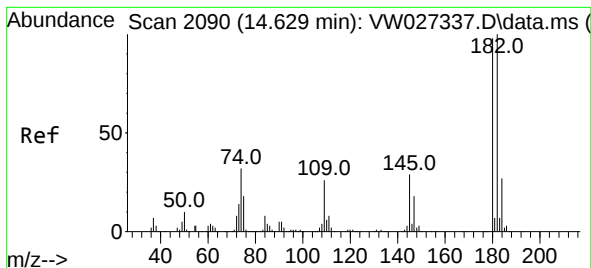
Ion Ratio Lower Upper

75 100

155 68.5 54.9 82.3

157 93.7 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 24.894 ug/L

RT: 14.622 min Scan# 2090

Delta R.T. -0.006 min

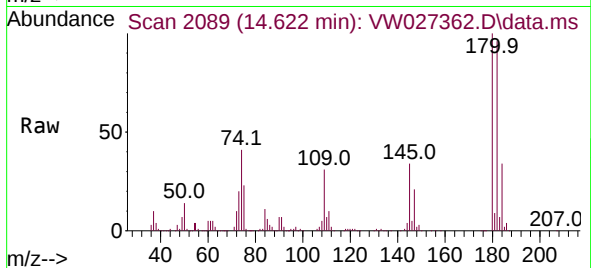
Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 186926

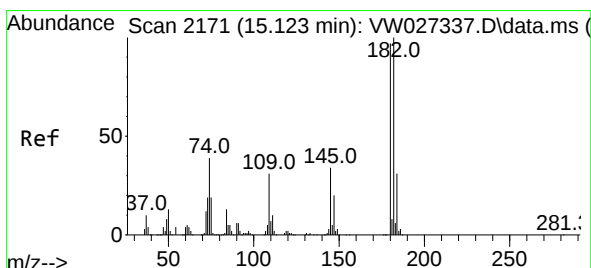
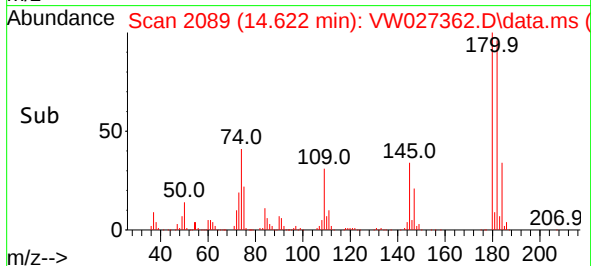
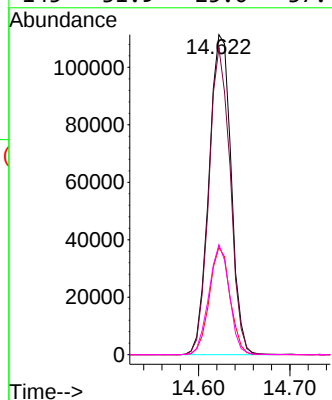
Ion Ratio Lower Upper

180 100

182 92.2 73.4 110.0

184 31.4 23.3 34.9

145 31.9 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.707 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

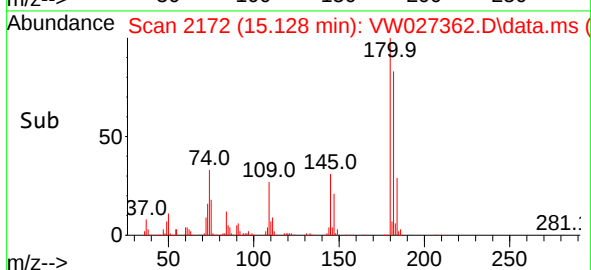
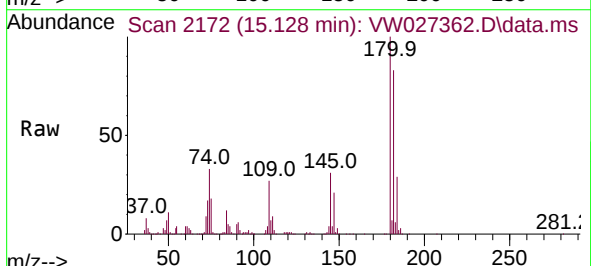
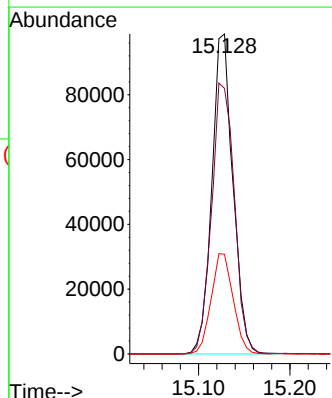
Tgt Ion:180 Resp: 157901

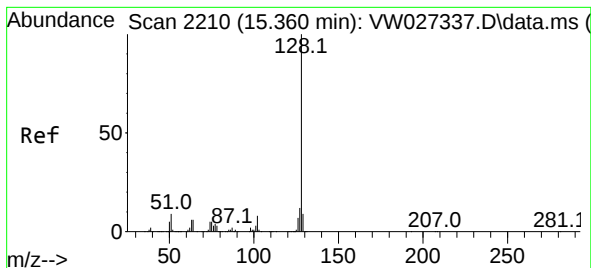
Ion Ratio Lower Upper

180 100

182 91.8 75.5 113.3

145 32.8 26.4 39.6





#71

Naphthalene

Concen: 23.745 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

Instrument :

MSVOA_W

ClientSampleId :

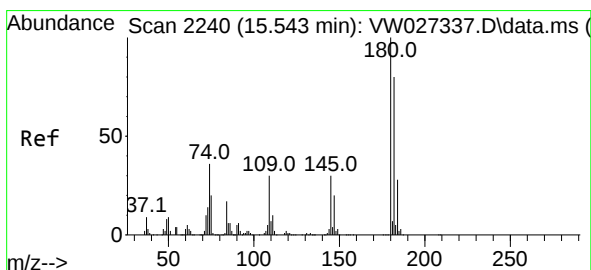
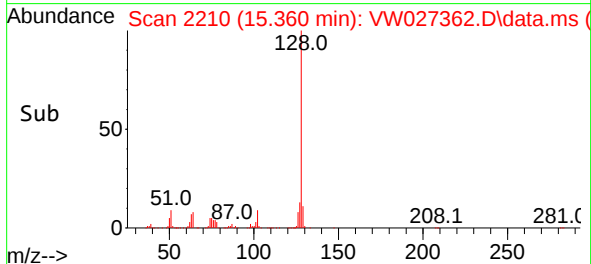
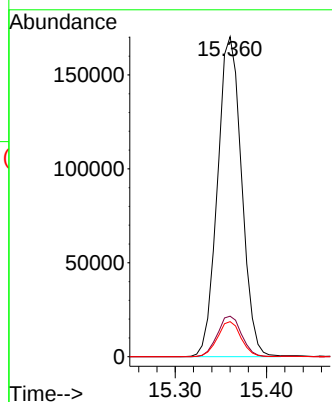
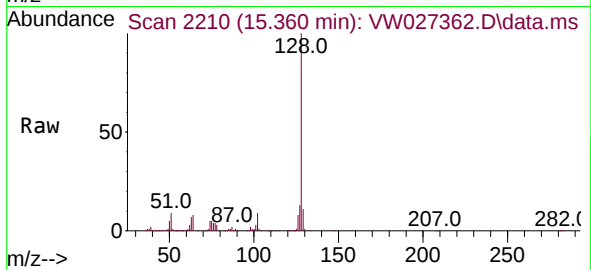
Tgt Ion:128 Resp: 312081

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.711 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW027362.D

Acq: 20 Oct 2023 09:58

Tgt Ion:180 Resp: 129864

Ion Ratio Lower Upper

180 100

182 93.3 81.1 121.7

145 34.9 30.6 45.8

