

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023881.D
 Acq On : 19 Jul 2022 13:52
 Operator : SY/VA
 Sample : N3709-10MS
 Misc : 5.64g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 20 01:19:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 01:17:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	278479	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	250719	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	117617	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	147862	20.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.160%
7) Chloroethane-d5	2.879	69	99189	20.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	4.019	63	159089	27.468	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	109.880%
21) 2-Butanone-d5	7.080	46	73226	66.374	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.740%
24) Chloroform-d	7.647	84	216499	26.702	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	8.305	65	124002	25.006	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.275	84	387000	29.693	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.760%
36) 1,2-Dichloropropane-d6	9.275	67	118638	30.220	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.880%#
41) Toluene-d8	10.323	98	364448	27.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.280%
43) trans-1,3-Dichloroprop...	10.579	79	52921	28.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.040%
47) 2-Hexanone-d5	10.921	63	56635	68.605	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.220%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	131688	30.353	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.400%#
66) 1,2-Dichlorobenzene-d4	13.853	152	113527	27.039	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	67171	35.495	ug/L	100
3) Chloromethane	2.215	50	108679	23.451	ug/L	97
5) Vinyl chloride	2.355	62	164973	20.731	ug/L	97
6) Bromomethane	2.770	94	92523	17.975	ug/L	99
8) Chloroethane	2.910	64	78736	21.148	ug/L	99
9) Trichlorofluoromethane	3.245	101	74847	20.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	101839	28.767	ug/L	97
12) 1,1-Dichloroethene	4.038	96	86712	29.374	ug/L	84
13) Acetone	4.123	43	64302	82.438	ug/L	99
14) Carbon disulfide	4.385	76	196046	22.576	ug/L	100
15) Methyl Acetate	4.672	43	50418	28.881	ug/L	97
16) Methylene chloride	4.916	84	111256	25.549	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	97611	27.253	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	174747	31.536	ug/L	98
19) 1,1-Dichloroethane	6.214	63	184471	27.922	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	113337	28.563	ug/L #	96
22) 2-Butanone	7.171	43	85179	66.450	ug/L	98
23) Bromochloromethane	7.513	128	57893	30.372	ug/L	94
25) Chloroform	7.677	83	212756	27.953	ug/L	93

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 Response via : Initial Calibration

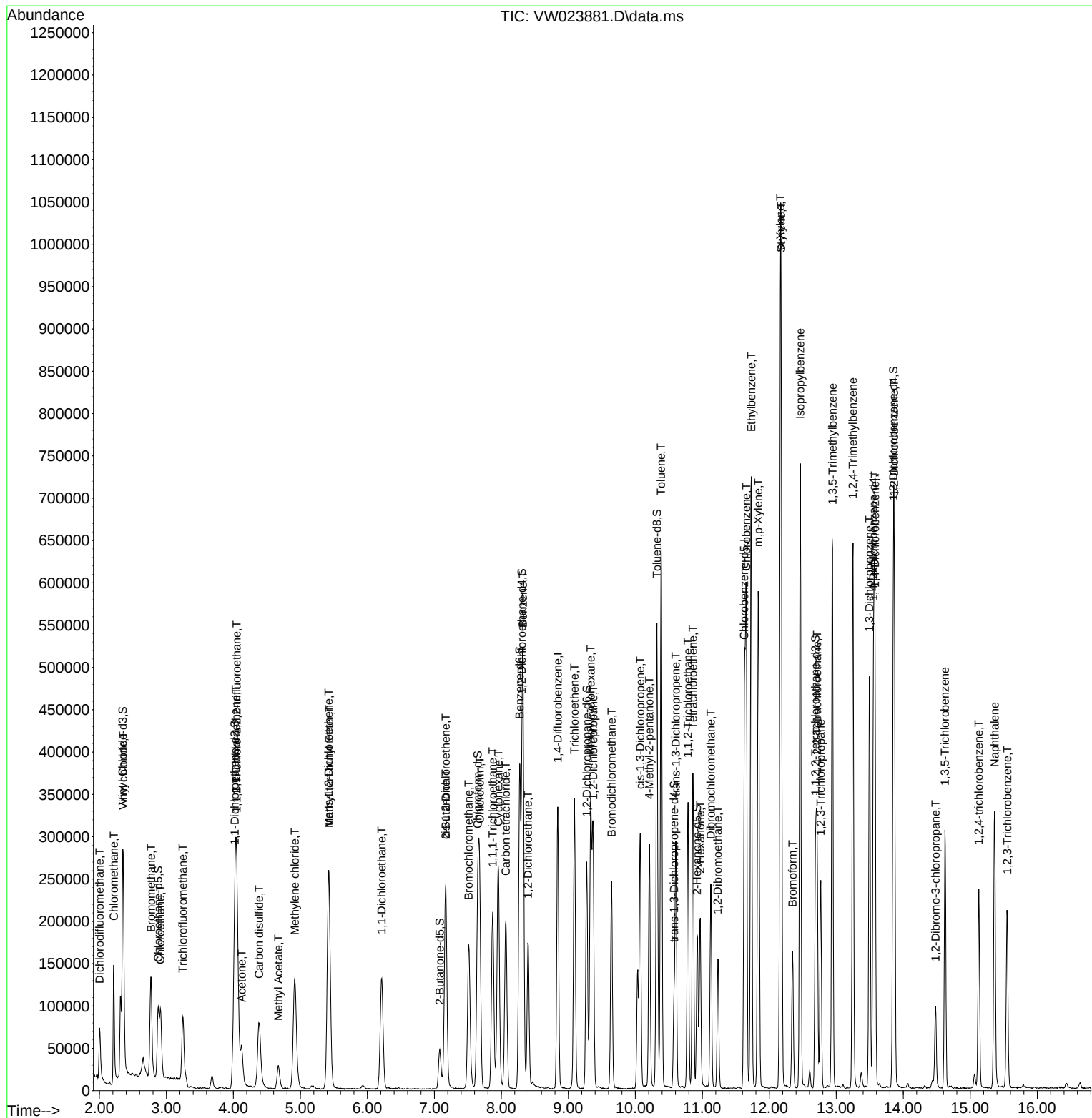
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	147220	26.281	ug/L	98
29) Cyclohexane	7.958	56	129929	28.335	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	166133	30.603	ug/L	98
31) Carbon tetrachloride	8.067	117	148068	30.257	ug/L	98
33) Benzene	8.323	78	431616	30.294	ug/L	100
34) Trichloroethene	9.092	95	110411	29.346	ug/L	97
35) Methylcyclohexane	9.335	83	134688	23.510	ug/L	96
37) 1,2-Dichloropropane	9.372	63	108078	30.257	ug/L	99
38) Bromodichloromethane	9.646	83	157752	31.644	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	164486	30.552	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	179623	72.265	ug/L	97
42) Toluene	10.384	91	467788	28.789	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	153894	30.074	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	101788	32.590	ug/L	98
46) Tetrachloroethene	10.860	164	78419	26.956	ug/L	94
48) 2-Hexanone	10.969	43	148013	81.788	ug/L	92
49) Dibromochloromethane	11.128	129	116829	32.255	ug/L	97
50) 1,2-Dibromoethane	11.232	107	100477	33.485	ug/L	100
51) Chlorobenzene	11.658	112	299697	27.348	ug/L	94
52) Ethylbenzene	11.731	91	495311	26.825	ug/L	100
53) m,p-Xylene	11.835	106	187779	26.066	ug/L	97
54) o-Xylene	12.164	106	187194	27.057	ug/L	89
55) Styrene	12.176	104	304841	24.941	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	130106	30.540	ug/L	99
59) Bromoform	12.347	173	69567	40.112	ug/L	98
60) Isopropylbenzene	12.463	105	462388	29.266	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	95262	36.938	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	335718	25.954	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	342205	26.461	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	201217	28.050	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	204777	26.832	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	193371	28.582	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	21640	36.380	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.621	180	86986	18.320	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	67916	18.524	ug/L	97
71) Naphthalene	15.365	128	274334	34.882	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	67311	19.697	ug/L	97

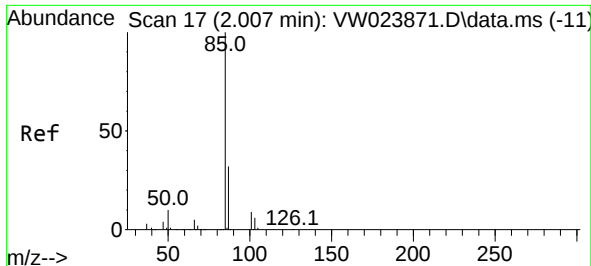
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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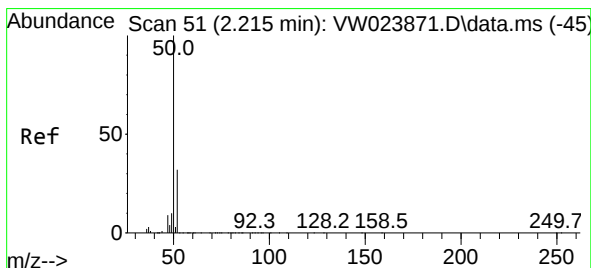
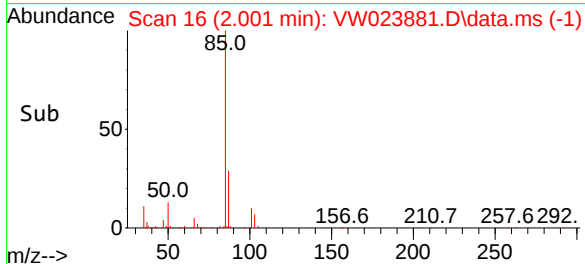
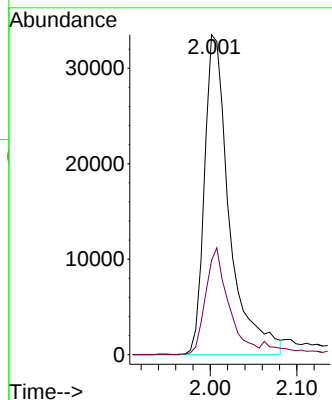
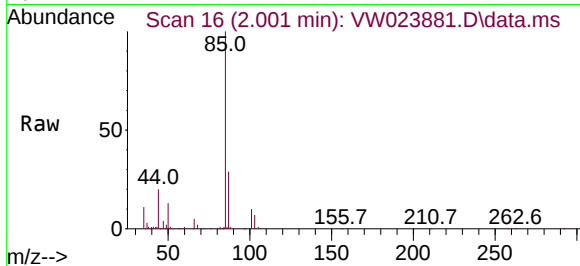




#2
 Dichlorodifluoromethane
 Concen: 35.495 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW023881.D
 Acq: 19 Jul 2022 13:52

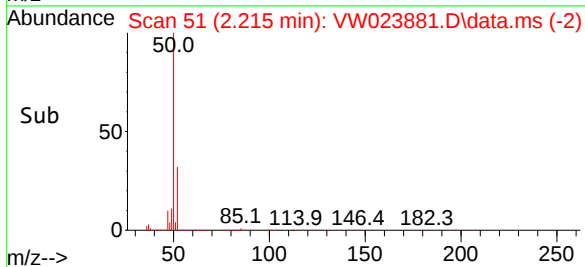
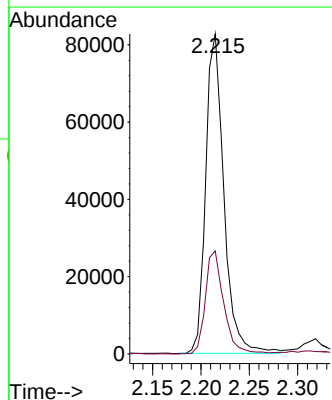
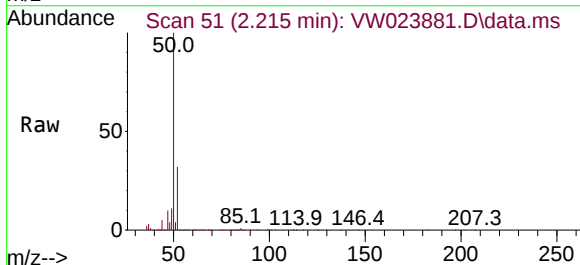
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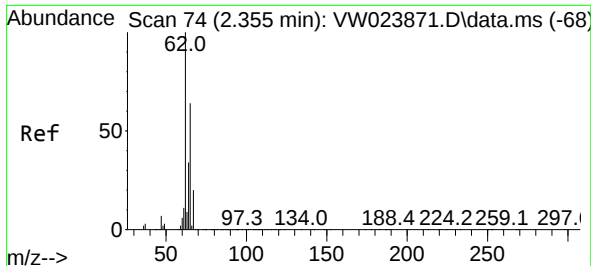
Tgt Ion: 85 Resp: 67171
 Ion Ratio Lower Upper
 85 100
 87 30.8 24.7 37.1



#3
 Chloromethane
 Concen: 23.451 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023881.D
 Acq: 19 Jul 2022 13:52

Tgt Ion: 50 Resp: 108679
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.7 44.1

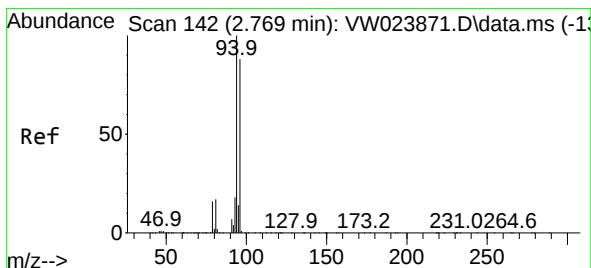
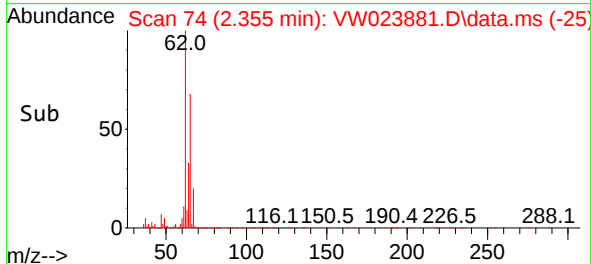
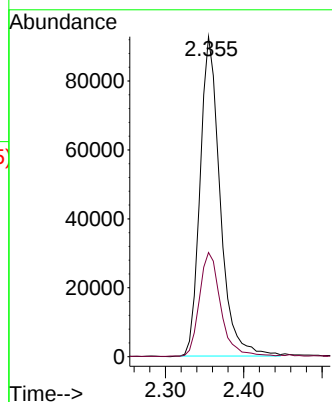
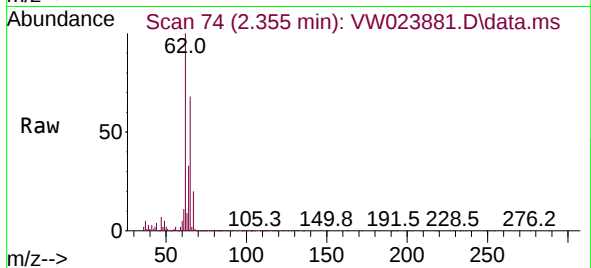




#5
 Vinyl chloride
 Concen: 20.731 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023881.D
 Acq: 19 Jul 2022 13:52

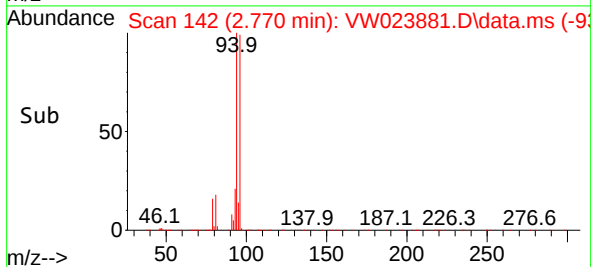
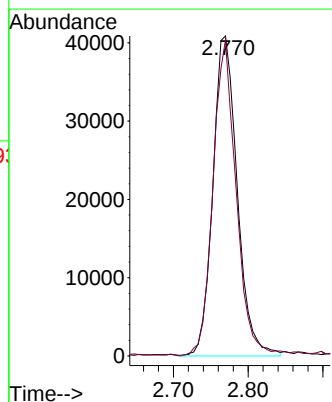
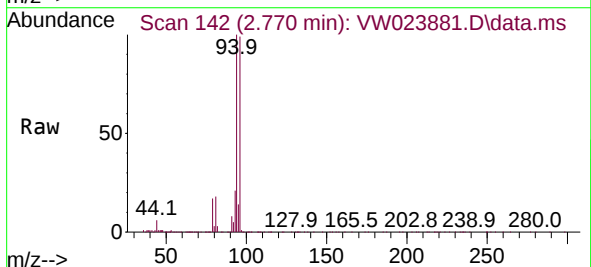
Instrument :
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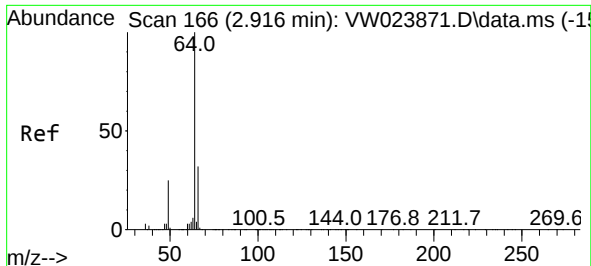
Tgt Ion: 62 Resp: 164973
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.0 44.6



#6
 Bromomethane
 Concen: 17.975 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023881.D
 Acq: 19 Jul 2022 13:52

Tgt Ion: 94 Resp: 92523
 Ion Ratio Lower Upper
 94 100
 96 98.7 68.2 126.6

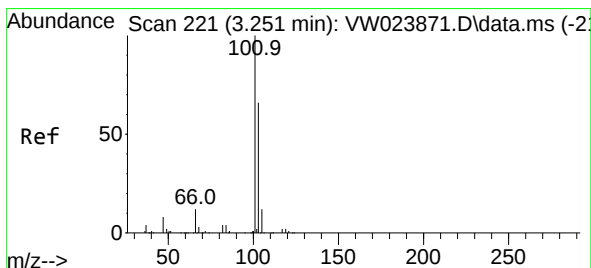
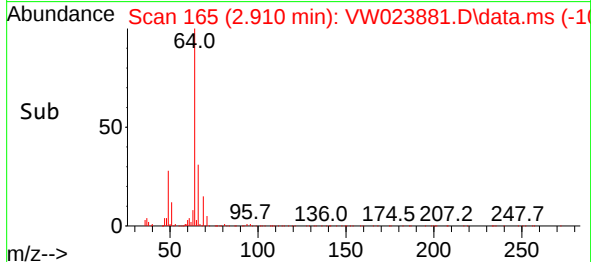
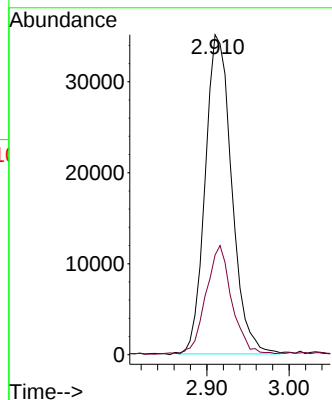
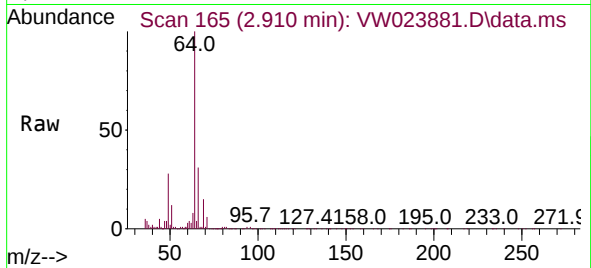




#8
Chloroethane
Concen: 21.148 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

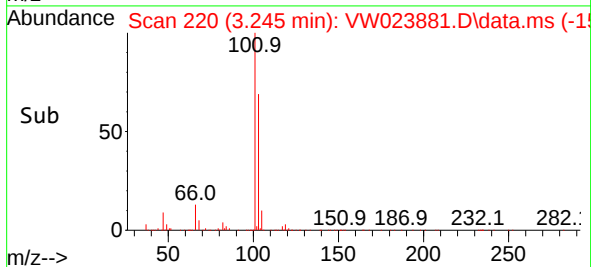
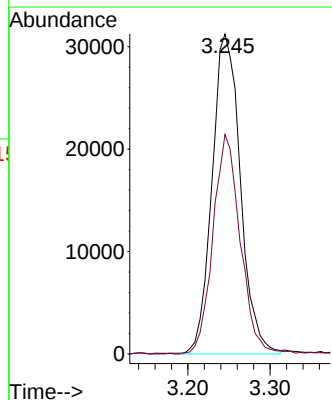
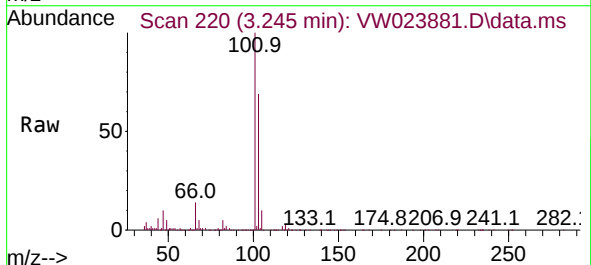
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MSVOA_W
ClientSampleId :

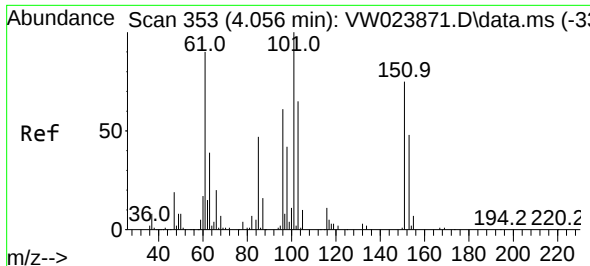
Tgt Ion: 64 Resp: 78736
Ion Ratio Lower Upper
64 100
66 31.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 20.691 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt Ion: 101 Resp: 74847
Ion Ratio Lower Upper
101 100
103 65.5 52.1 78.1

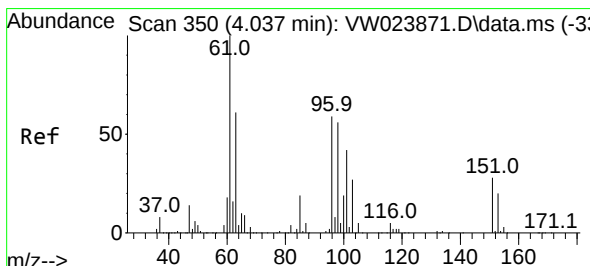
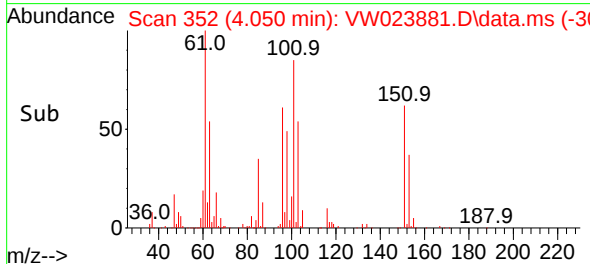
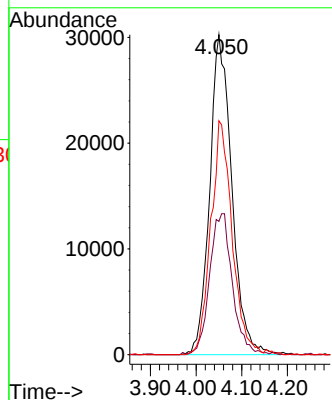
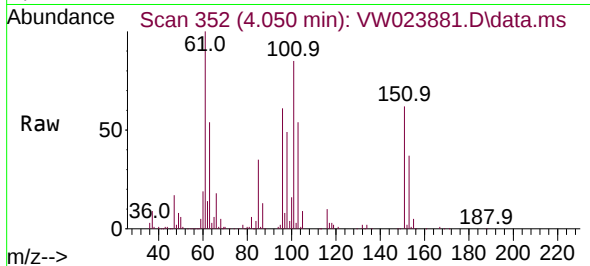




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.767 ug/L
 RT: 4.050 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW023881.D
 Acq: 19 Jul 2022 13:52

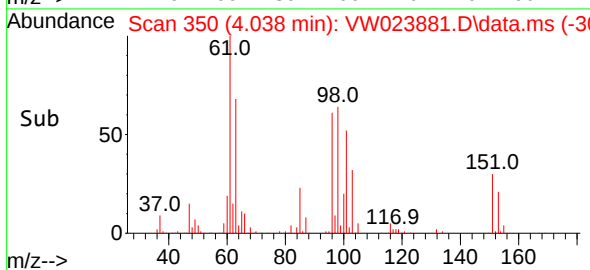
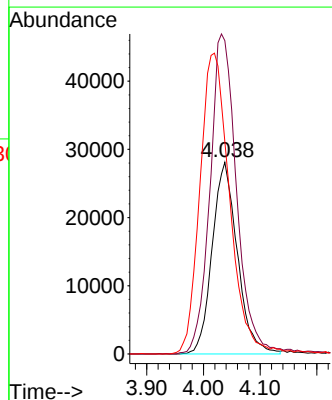
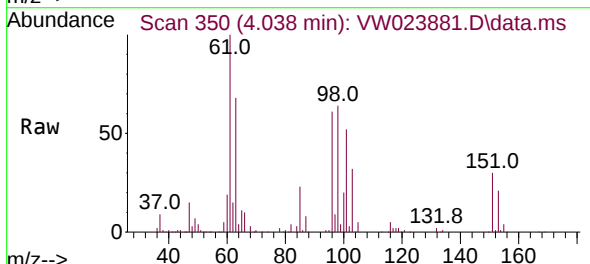
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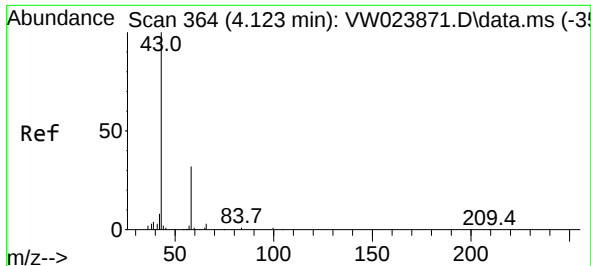
Tgt Ion:101 Resp: 101839
 Ion Ratio Lower Upper
 101 100
 85 44.4 37.6 56.4
 151 70.2 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 29.374 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023881.D
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Tgt Ion: 96 Resp: 86712
 Ion Ratio Lower Upper
 96 100
 61 163.4 125.4 232.8
 63 110.9 97.4 180.8

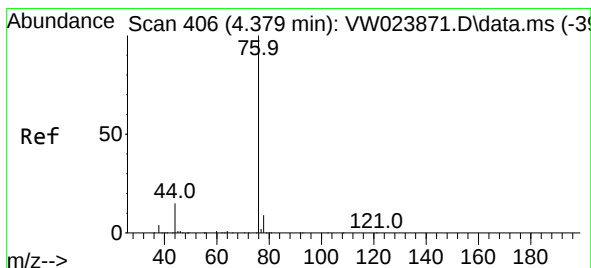
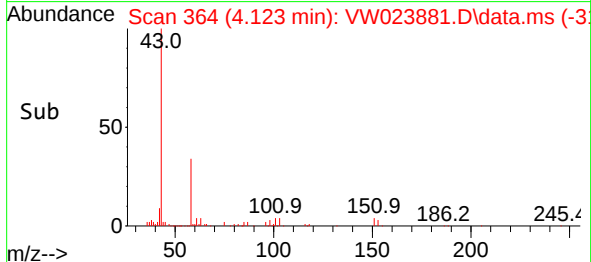
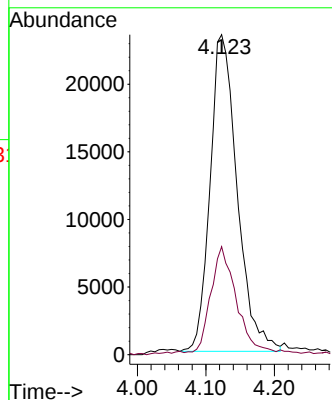
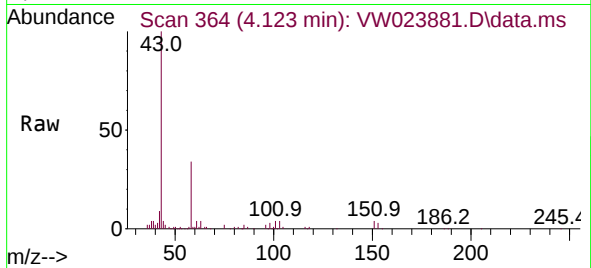




#13
Acetone
Concen: 82.438 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023881.D
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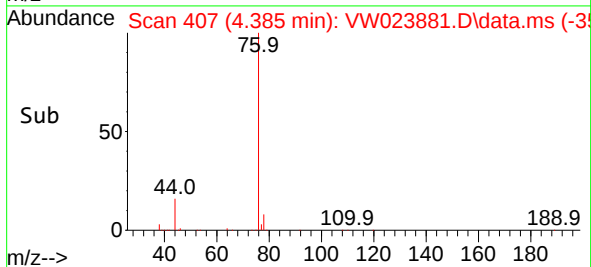
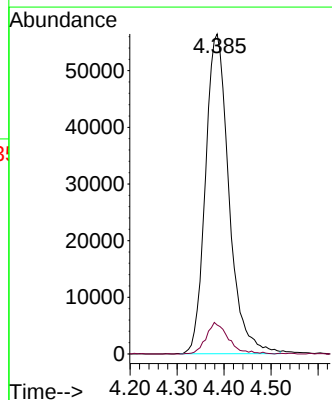
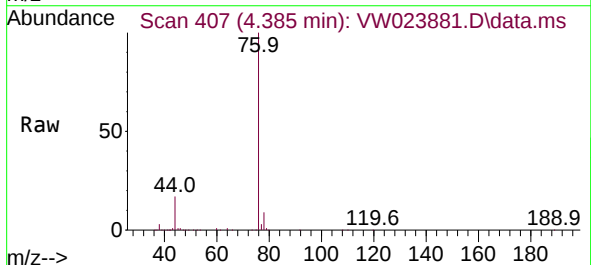
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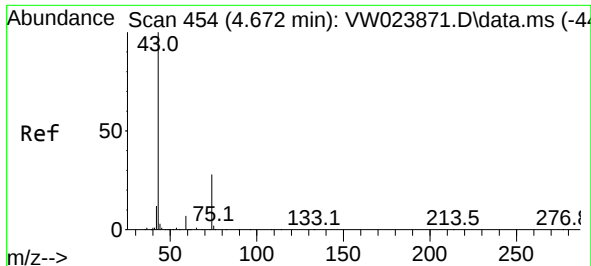
Tgt Ion: 43 Resp: 64302
Ion Ratio Lower Upper
43 100
58 32.6 0.0 64.2



#14
Carbon disulfide
Concen: 22.576 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 196046
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

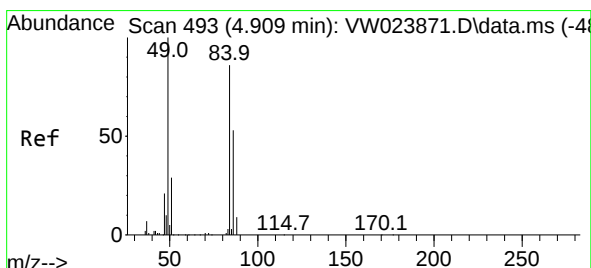
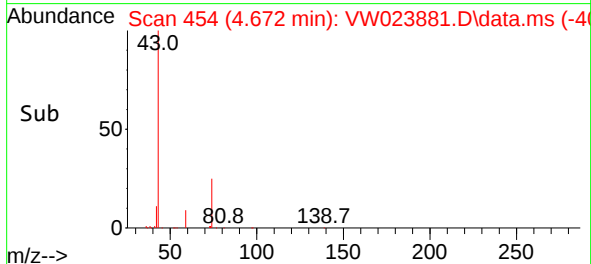
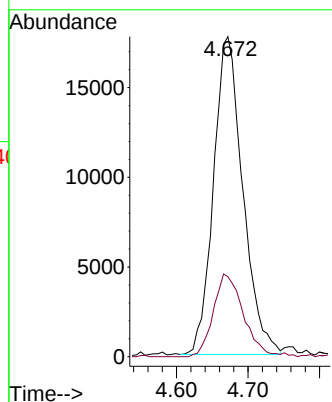
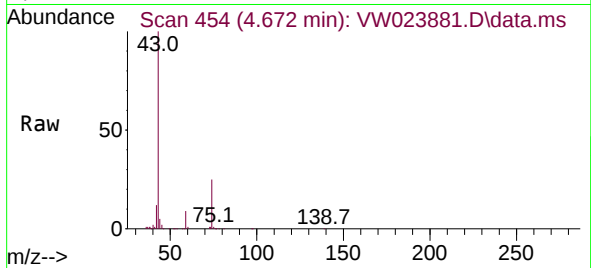




#15
Methyl Acetate
Concen: 28.881 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

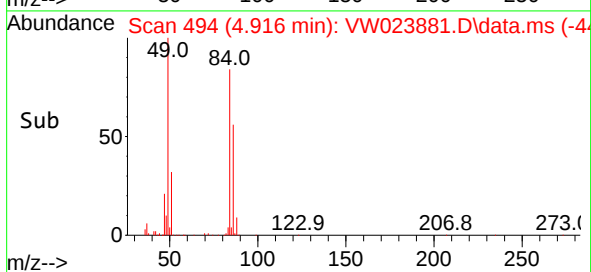
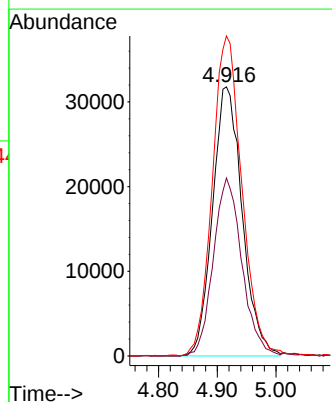
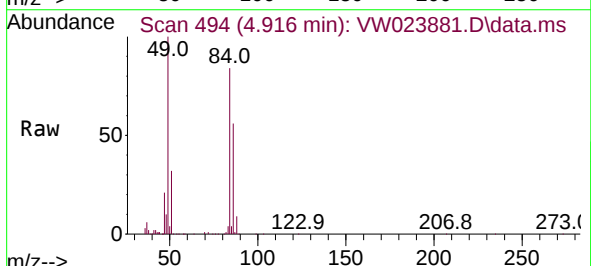
Instrument :
MSVOA_W
ClientSampleId :

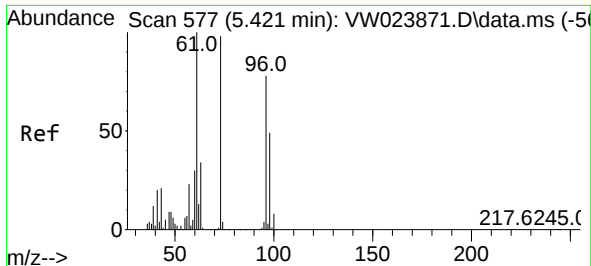
Tgt Ion: 43 Resp: 50418
Ion Ratio Lower Upper
43 100
74 26.5 20.0 30.0



#16
Methylene chloride
Concen: 25.549 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

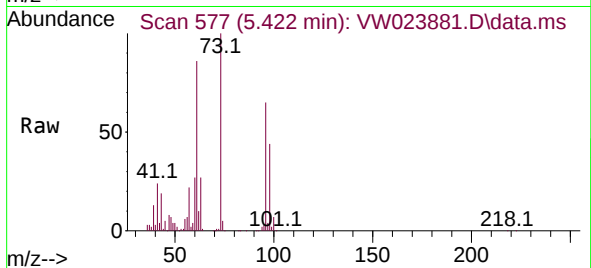
Tgt Ion: 84 Resp: 111256
Ion Ratio Lower Upper
84 100
86 66.1 42.8 79.6
49 118.9 85.4 158.6



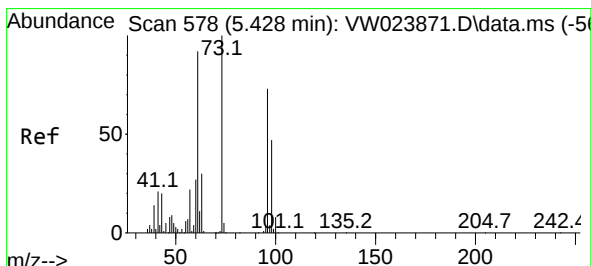
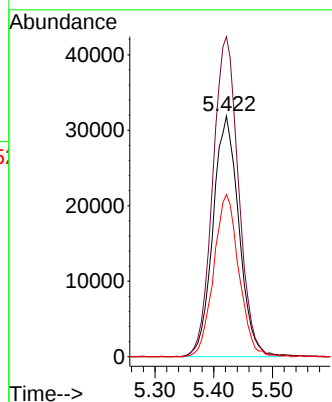
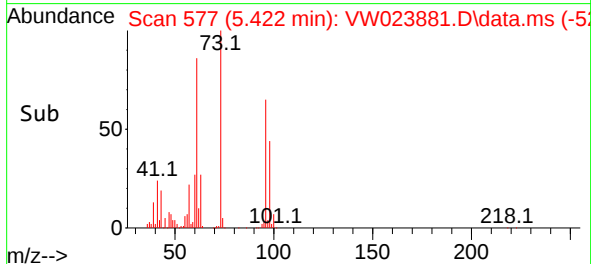


#17
trans-1,2-Dichloroethene
Concen: 27.253 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

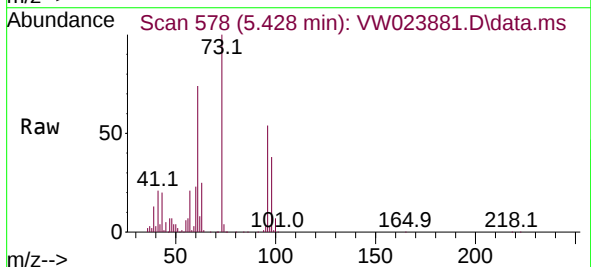
Instrument :
MSVOA_W
ClientSampleId :



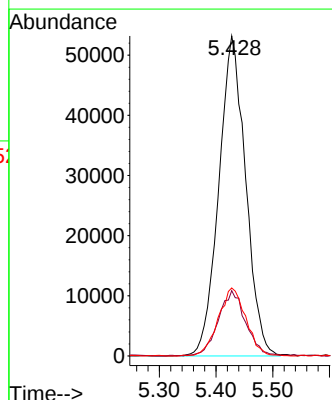
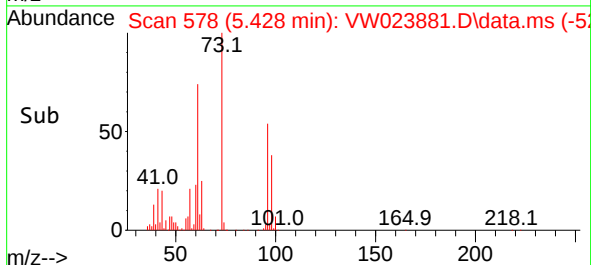
Tgt Ion: 96 Resp: 97611
Ion Ratio Lower Upper
96 100
61 133.0 90.8 168.6
98 67.4 42.8 79.6

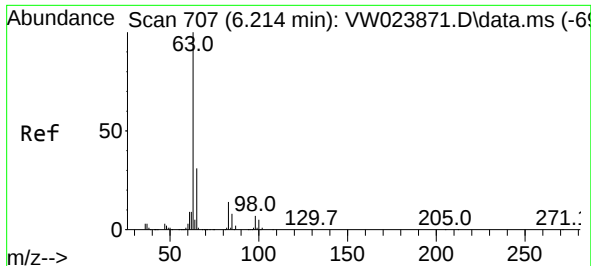


#18
Methyl tert-butyl Ether
Concen: 31.536 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52



Tgt Ion: 73 Resp: 174747
Ion Ratio Lower Upper
73 100
43 20.3 17.6 26.4
57 21.5 16.8 25.2





#19

1,1-Dichloroethane

Concen: 27.922 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

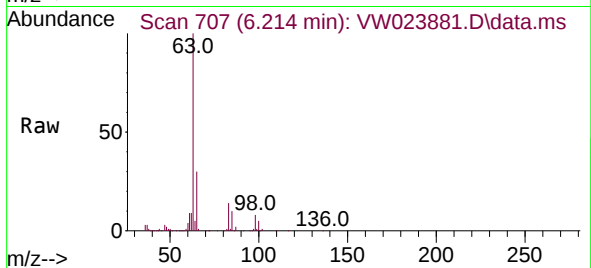
Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

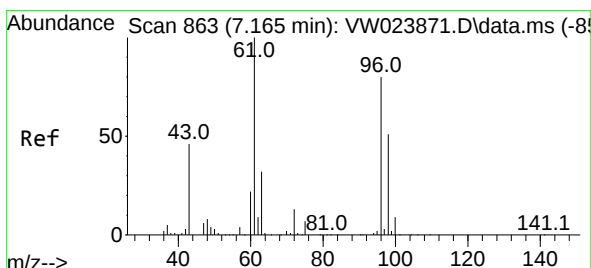
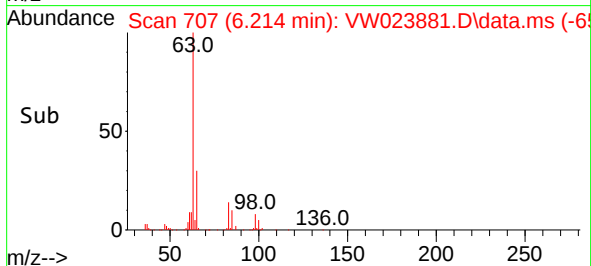
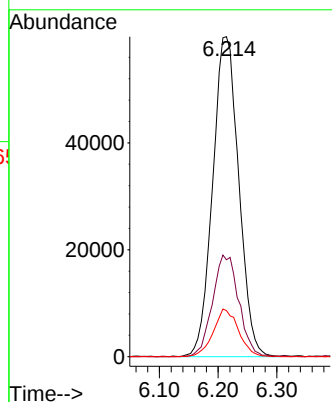
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 63	Resp: 184471
Ion Ratio	Lower Upper
63	100
65	30.3 22.7 42.1
83	14.4 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 28.563 ug/L

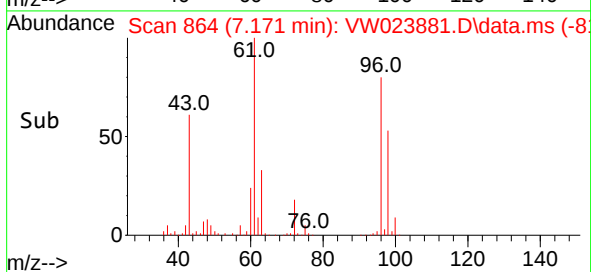
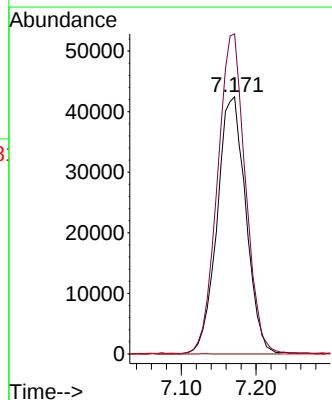
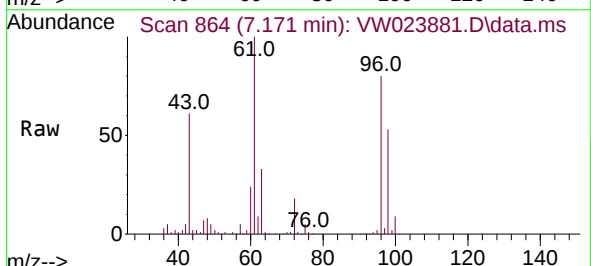
RT: 7.171 min Scan# 864

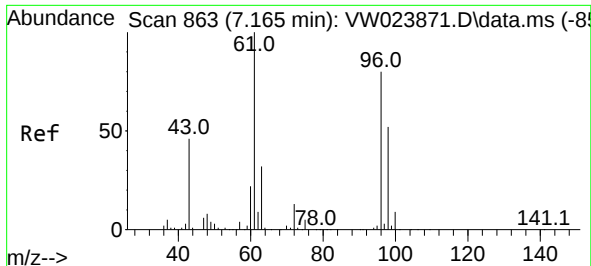
Delta R.T. 0.006 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Tgt Ion: 96	Resp: 113337
Ion Ratio	Lower Upper
96	100
61	124.5 90.6 168.2
68	0.0 0.2 0.4

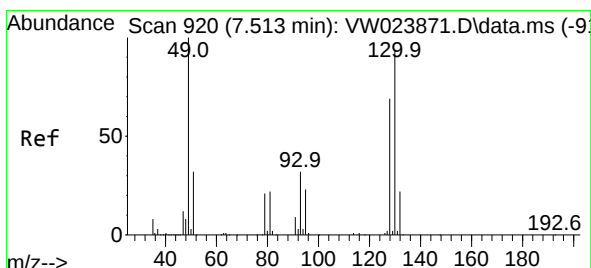
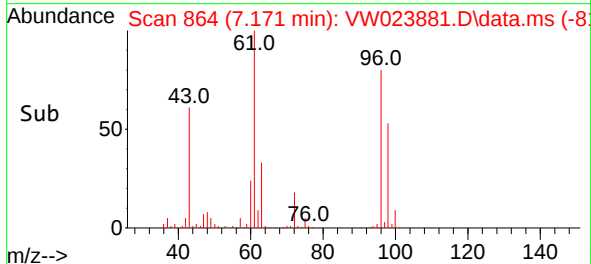
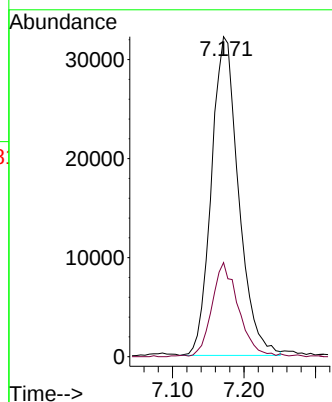
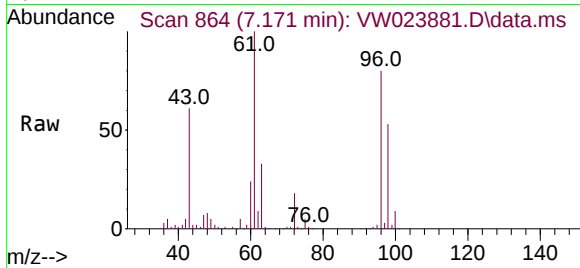




#22
2-Butanone
Concen: 66.450 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

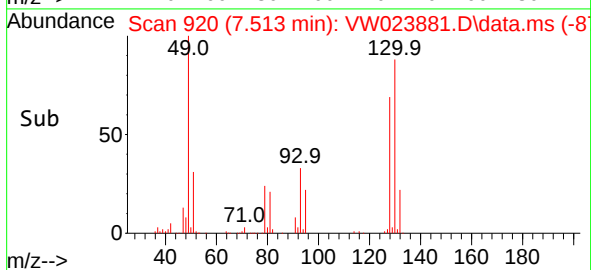
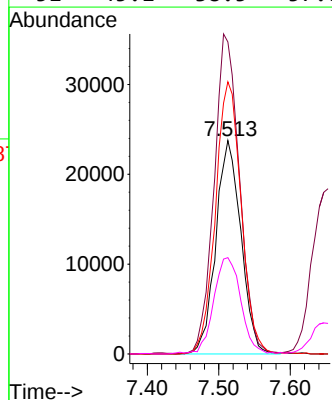
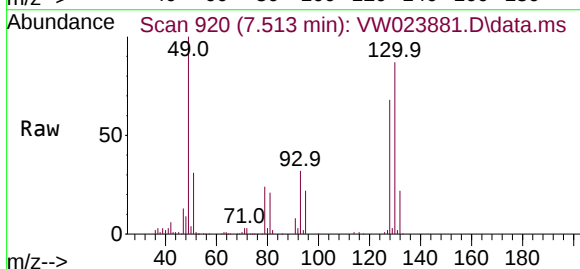
Instrument :
MSVOA_W
ClientSampleId :

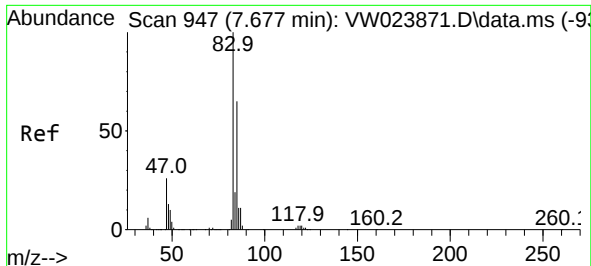
Tgt Ion: 43 Resp: 85179
Ion Ratio Lower Upper
43 100
72 28.4 14.7 44.1



#23
Bromochloromethane
Concen: 30.372 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt Ion: 128 Resp: 57893
Ion Ratio Lower Upper
128 100
49 146.1 106.0 196.8
130 127.5 83.2 154.4
51 45.1 38.5 57.7

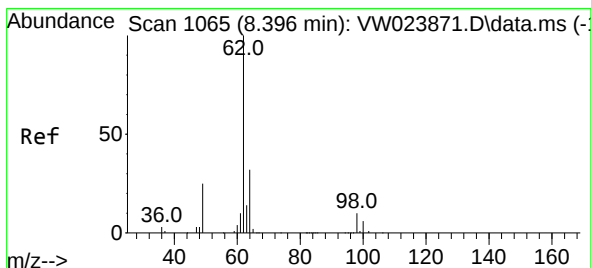
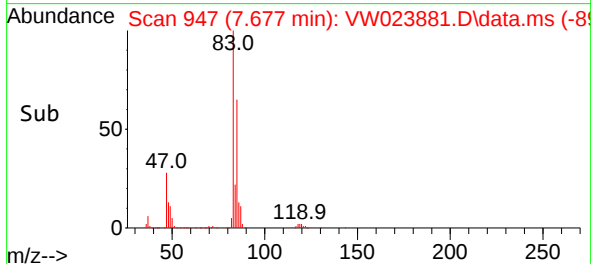
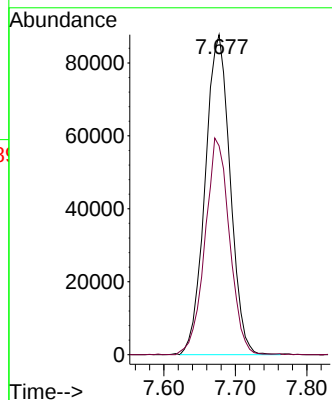
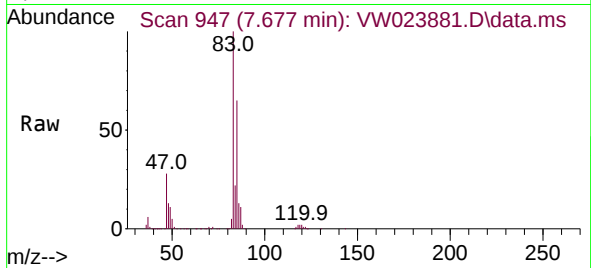




#25
Chloroform
Concen: 27.953 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

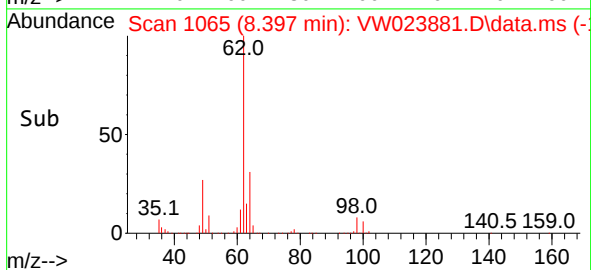
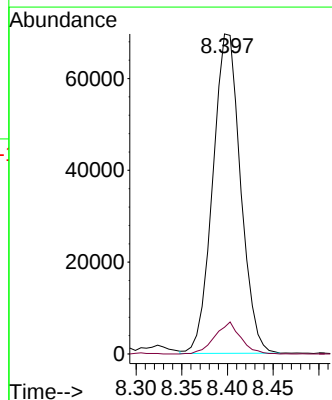
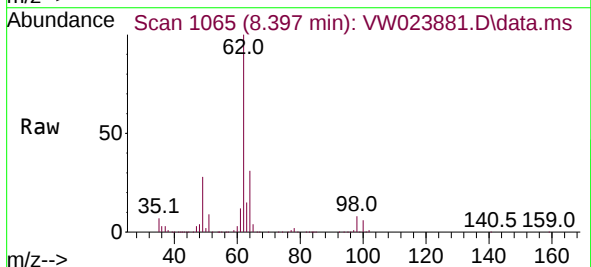
Instrument :
MSVOA_W
ClientSampleId :

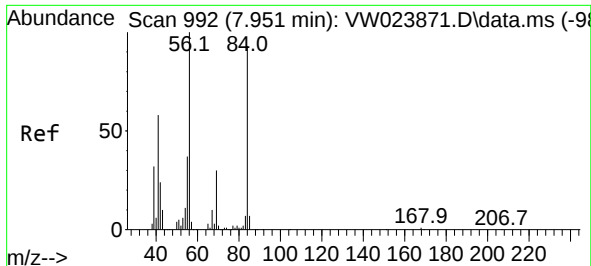
Tgt Ion: 83 Resp: 212756
Ion Ratio Lower Upper
83 100
85 65.3 41.9 77.9



#27
1,2-Dichloroethane
Concen: 26.281 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

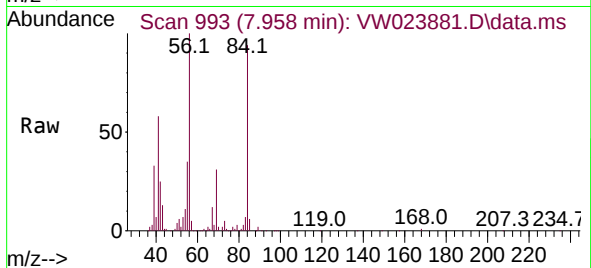
Tgt Ion: 62 Resp: 147220
Ion Ratio Lower Upper
62 100
98 8.3 7.2 10.8





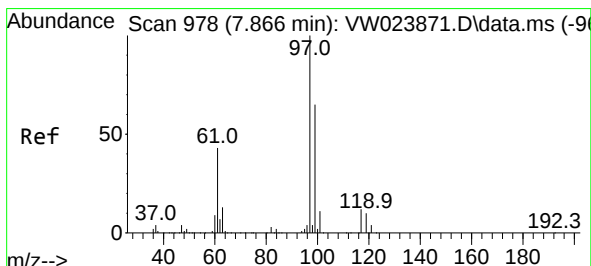
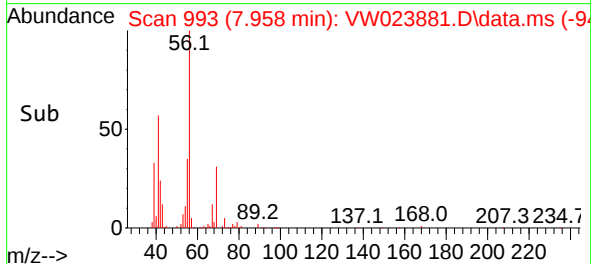
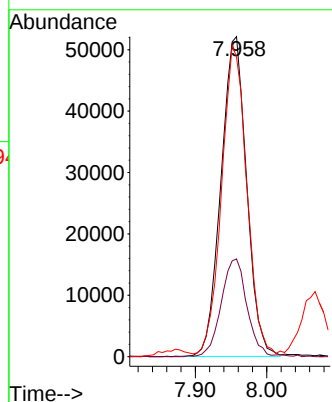
#29
Cyclohexane
Concen: 28.335 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 129929

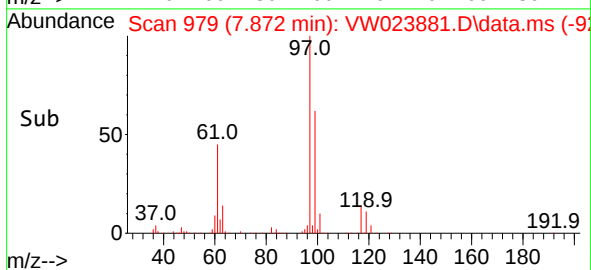
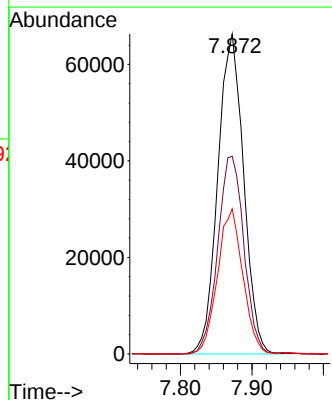
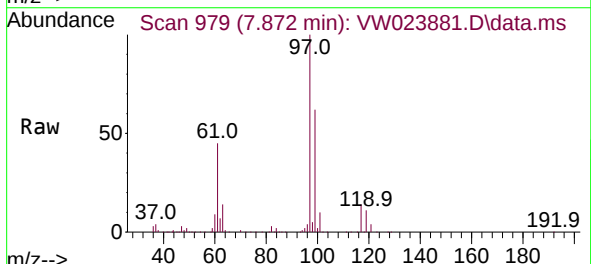
Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.4	38.0
84	95.8	75.0	112.4

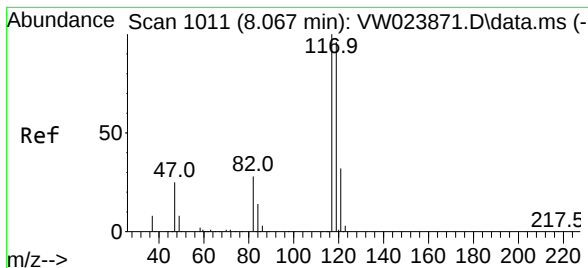


#30
1,1,1-Trichloroethane
Concen: 30.603 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt Ion: 97 Resp: 166133

Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.0	76.6
61	44.5	37.5	56.3

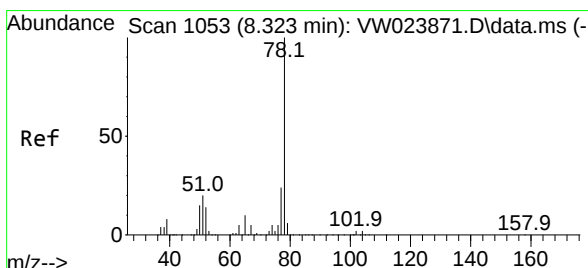
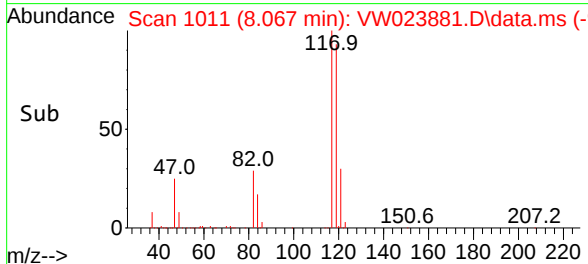
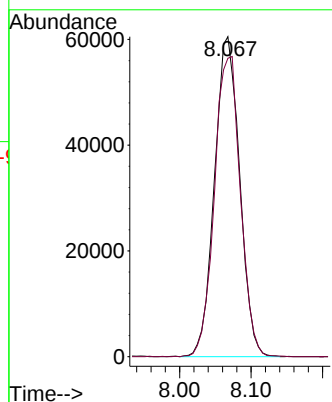
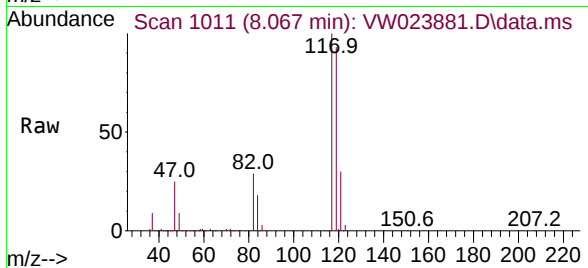




#31
Carbon tetrachloride
Concen: 30.257 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

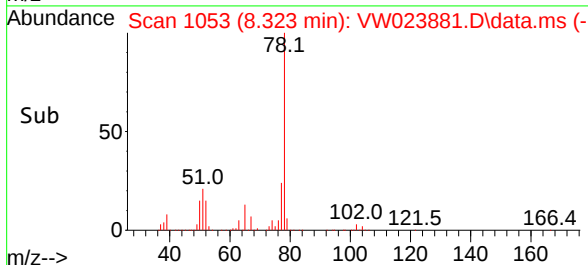
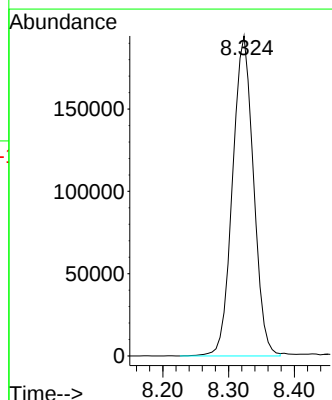
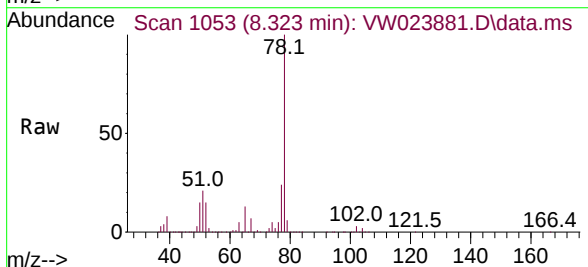
Instrument :
MSVOA_W
ClientSampleId :

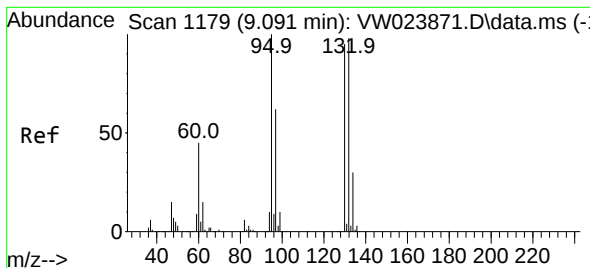
Tgt Ion:117 Resp: 148068
Ion Ratio Lower Upper
117 100
119 96.8 75.7 113.5



#33
Benzene
Concen: 30.294 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt Ion: 78 Resp: 431616





#34

Trichloroethene

Concen: 29.346 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

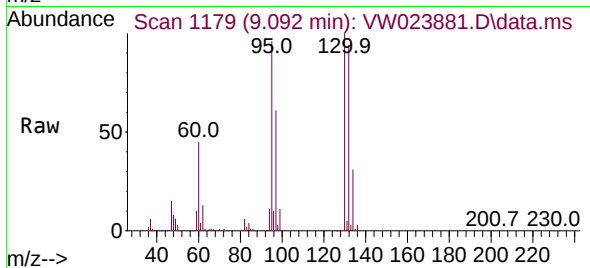
Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 110411

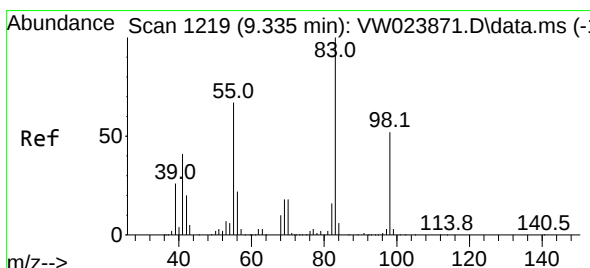
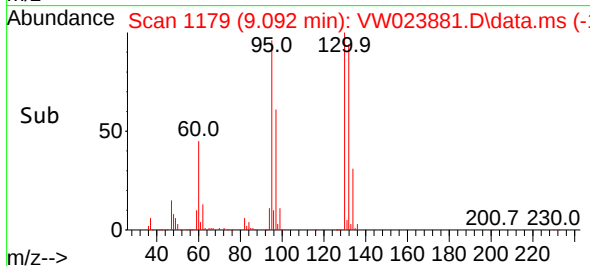
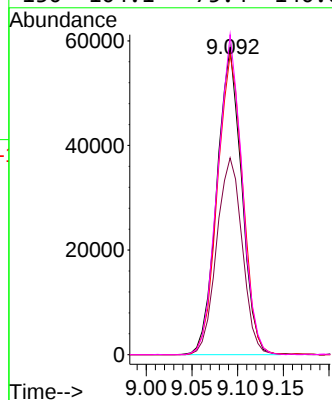
Ion Ratio Lower Upper

95 100

97 64.0 45.6 84.8

132 97.6 69.9 129.7

130 104.1 75.4 140.0



#35

Methylcyclohexane

Concen: 23.510 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

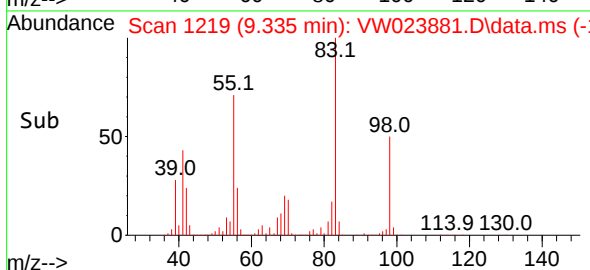
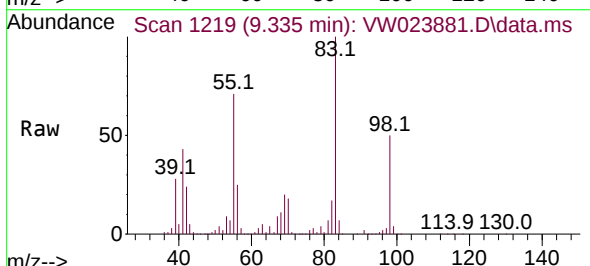
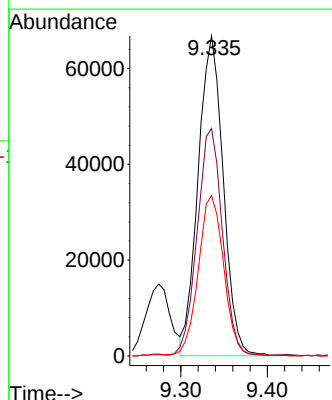
Tgt Ion: 83 Resp: 134688

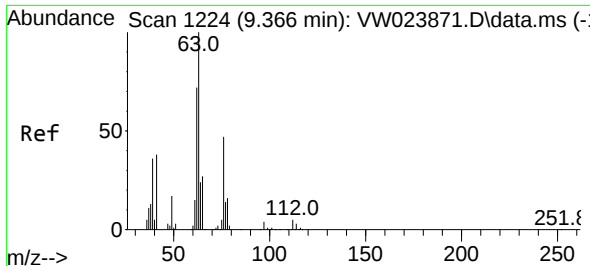
Ion Ratio Lower Upper

83 100

55 71.4 60.8 91.2

98 50.6 39.5 59.3





#37

1,2-Dichloropropane

Concen: 30.257 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

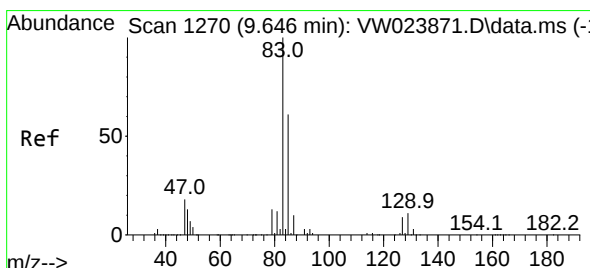
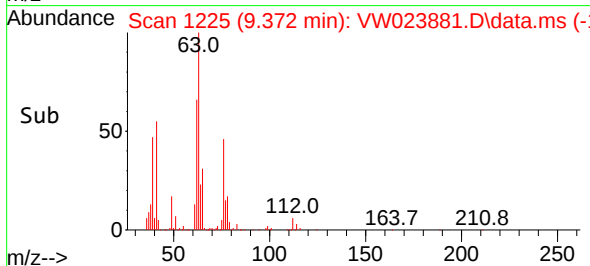
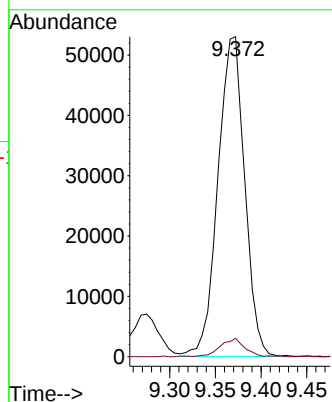
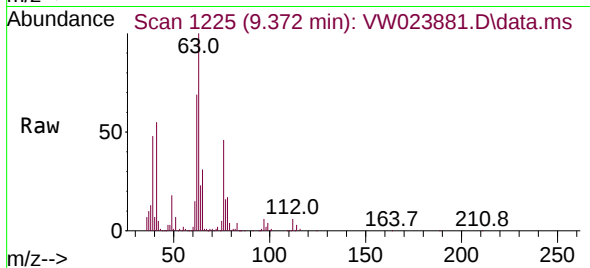
ClientSampleId :

Tgt Ion: 63 Resp: 108078

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 31.644 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

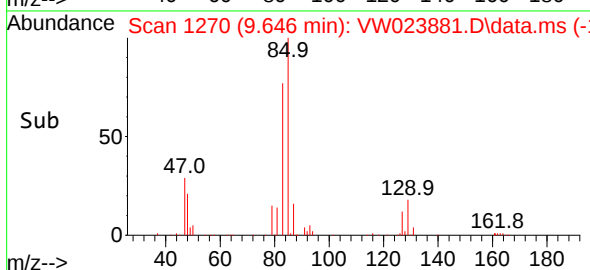
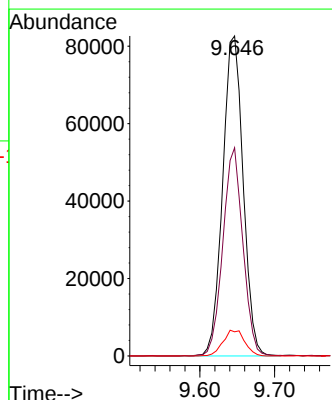
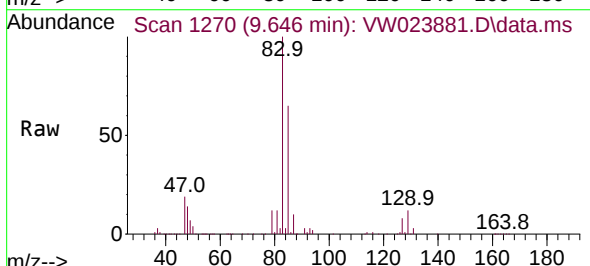
Tgt Ion: 83 Resp: 157752

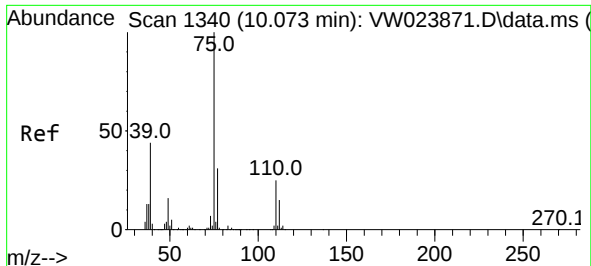
Ion Ratio Lower Upper

83 100

85 65.1 45.5 84.5

127 7.5 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 30.552 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

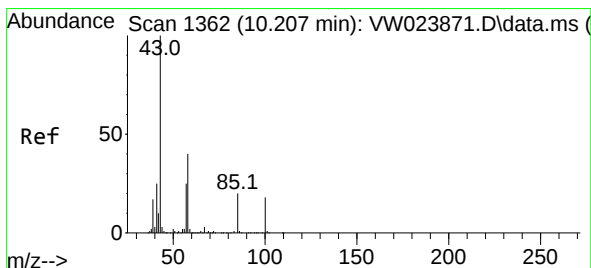
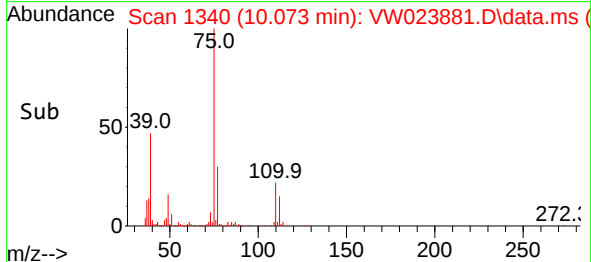
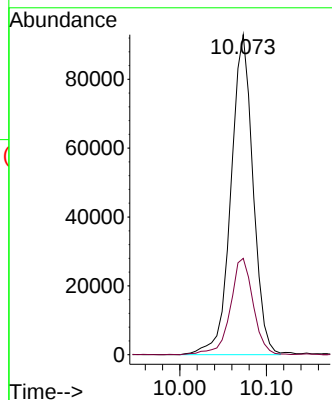
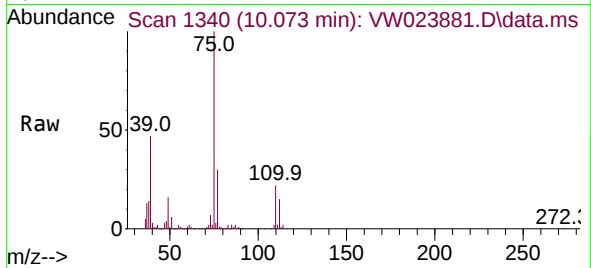
ClientSampleId :

Tgt Ion: 75 Resp: 164486

Ion Ratio Lower Upper

75 100

77 30.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 72.265 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

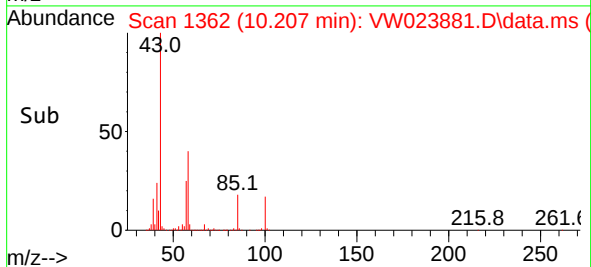
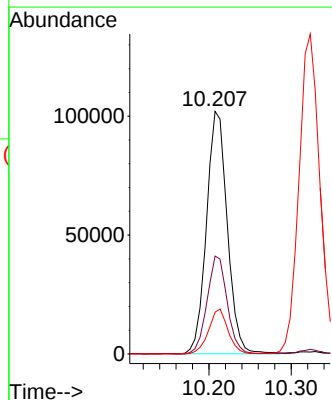
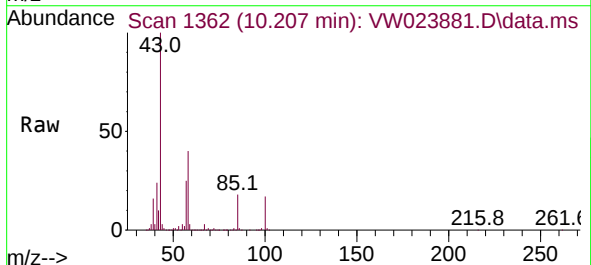
Tgt Ion: 43 Resp: 179623

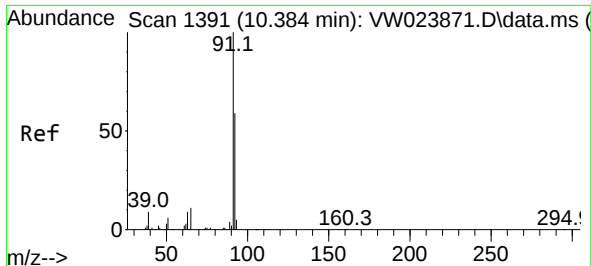
Ion Ratio Lower Upper

43 100

58 39.1 29.8 44.8

100 17.4 13.0 19.4

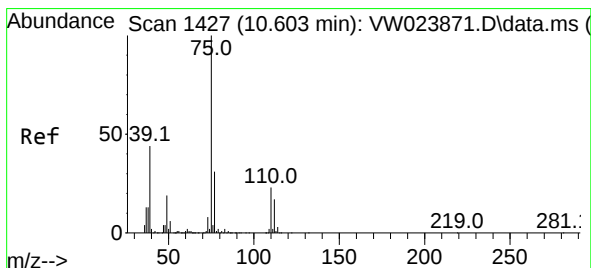
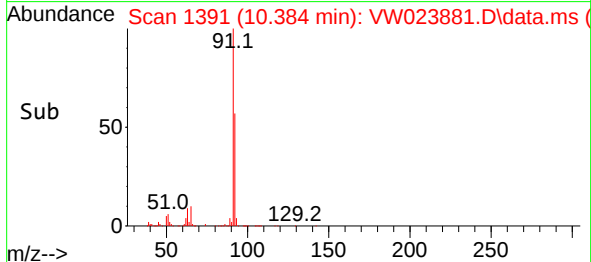
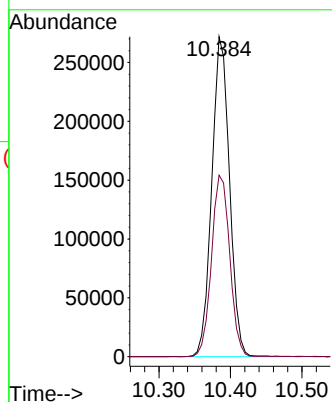
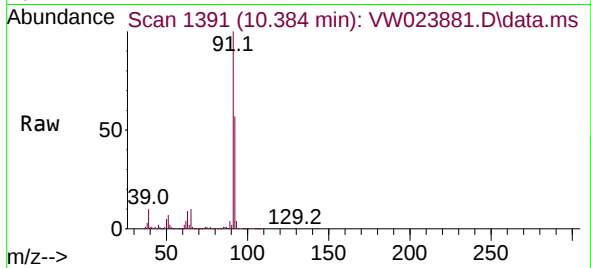




#42
Toluene
Concen: 28.789 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

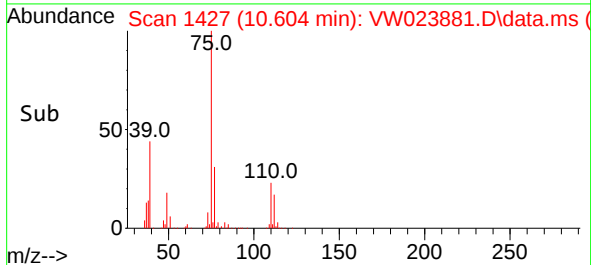
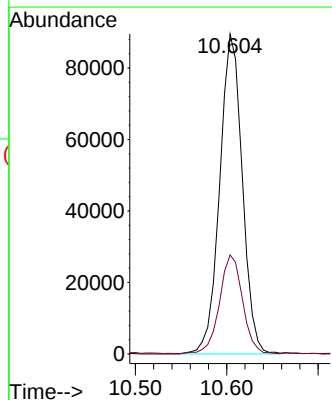
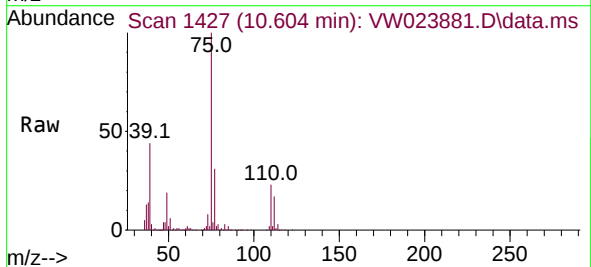
Instrument :
MSVOA_W
ClientSampleId :

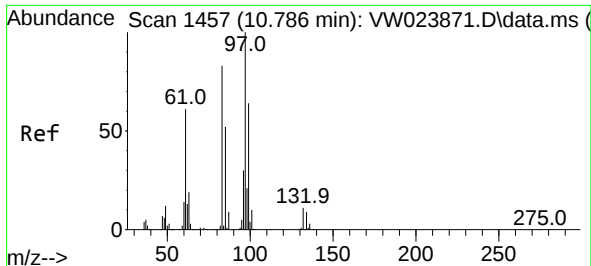
Tgt Ion: 91 Resp: 467788
Ion Ratio Lower Upper
91 100
92 56.7 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 30.074 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt Ion: 75 Resp: 153894
Ion Ratio Lower Upper
75 100
77 31.0 22.0 41.0

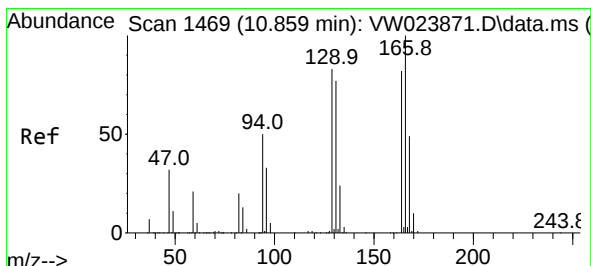
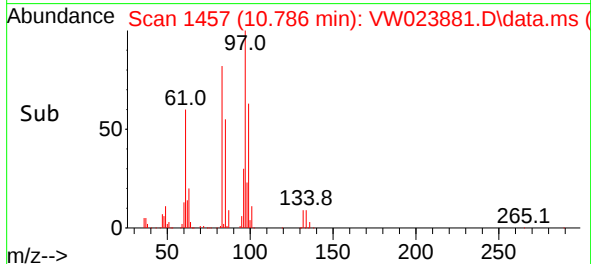
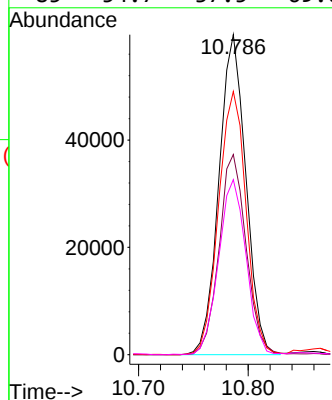
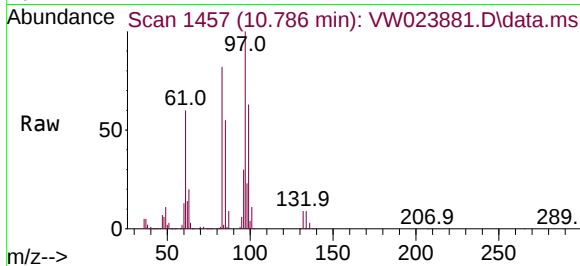




#45
1,1,2-Trichloroethane
Concen: 32.590 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

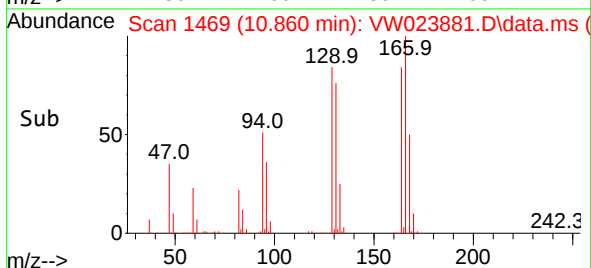
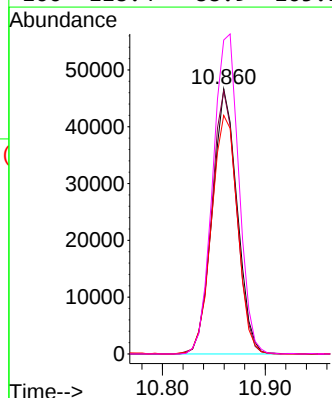
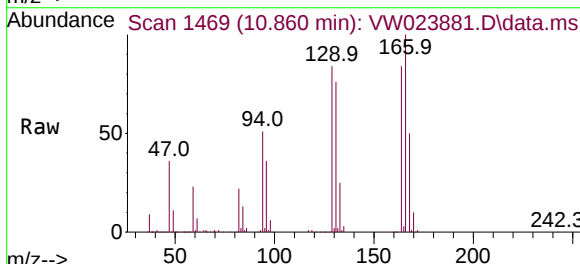
Instrument :
MSVOA_W
ClientSampleId :

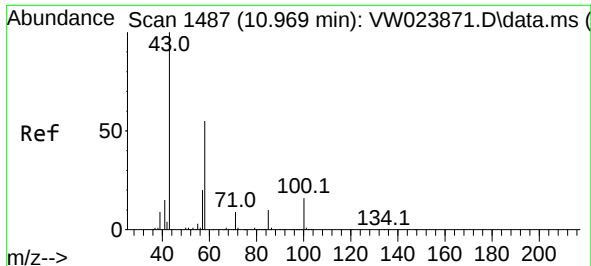
Tgt Ion: 97	Resp: 101788
Ion Ratio	Lower Upper
97 100	
99 62.6	44.2 82.2
83 82.3	59.8 111.0
85 54.7	37.5 69.6



#46
Tetrachloroethene
Concen: 26.956 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt	Ion:164	Resp:	78419
Ion	Ratio	Lower	Upper
164	100		
129	99.2	72.4	134.5
131	90.0	67.8	125.8
166	118.4	88.9	165.1

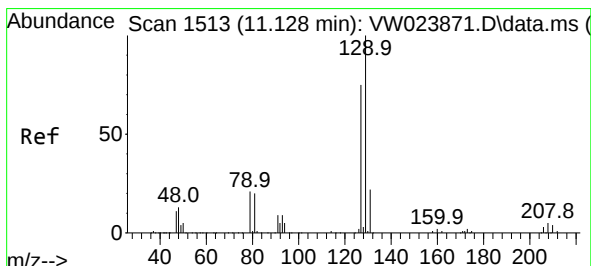
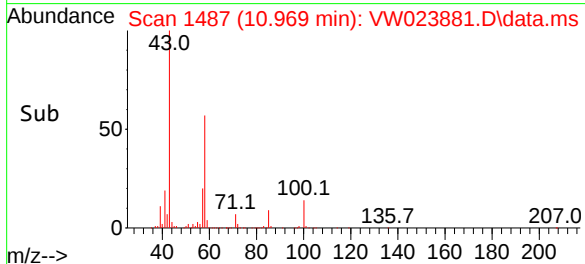
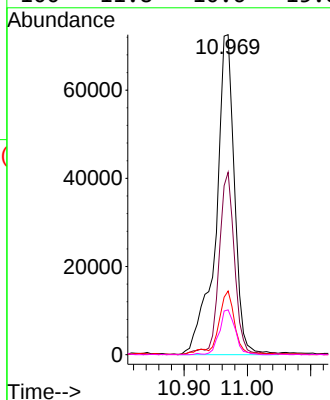
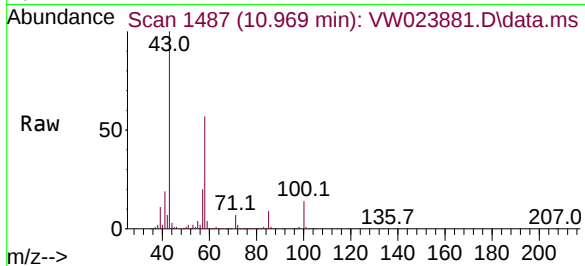




#48
2-Hexanone
Concen: 81.788 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

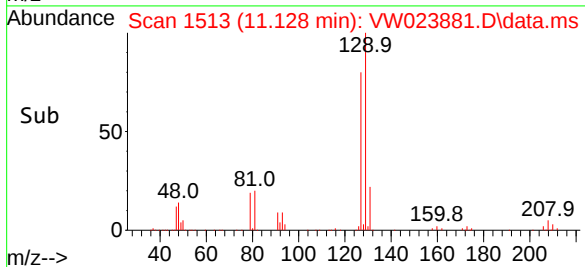
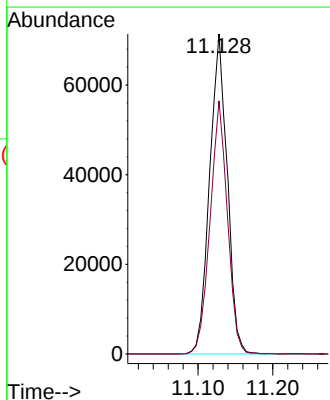
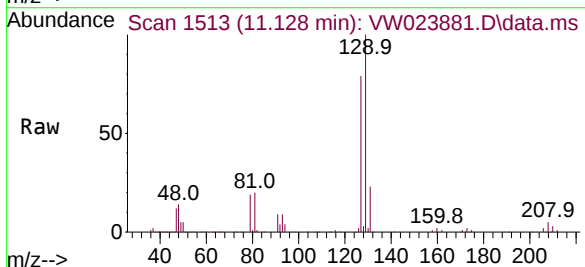
Instrument :
MSVOA_W
ClientSampleId :

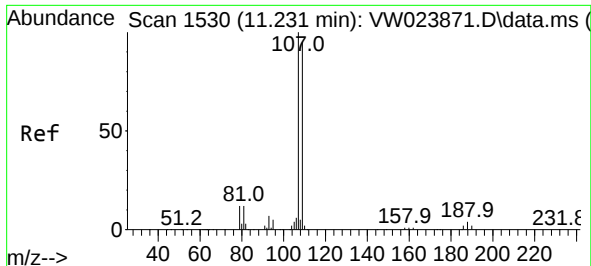
Tgt Ion: 43 Resp: 148013
Ion Ratio Lower Upper
43 100
58 45.8 41.6 62.4
57 15.2 14.6 21.8
100 11.8 10.6 15.8



#49
Dibromochloromethane
Concen: 32.255 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt Ion:129 Resp: 116829
Ion Ratio Lower Upper
129 100
127 79.1 53.7 99.7

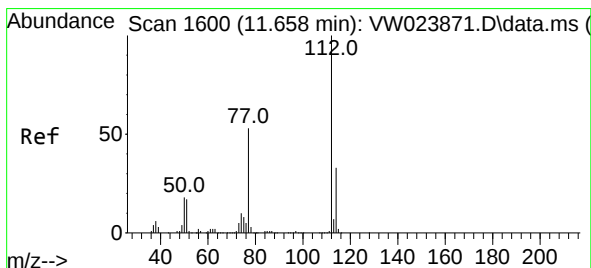
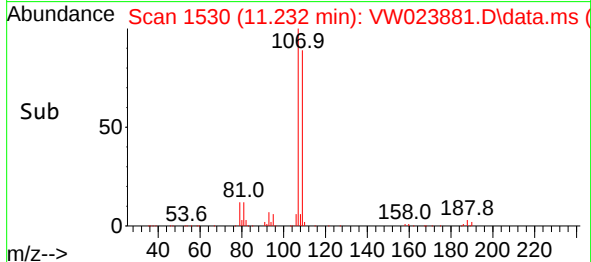
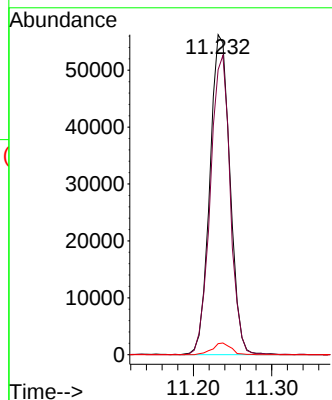
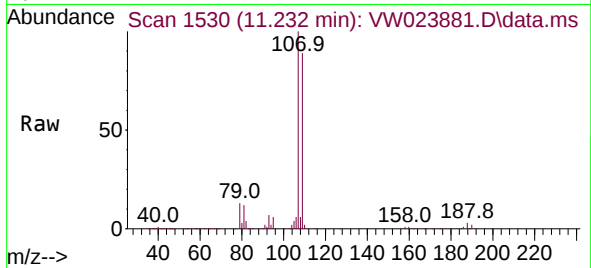




#50
1,2-Dibromoethane
Concen: 33.485 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

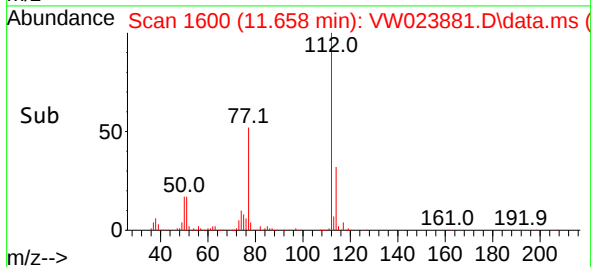
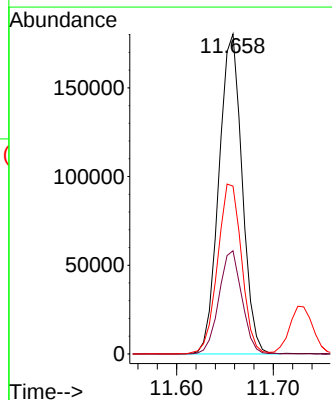
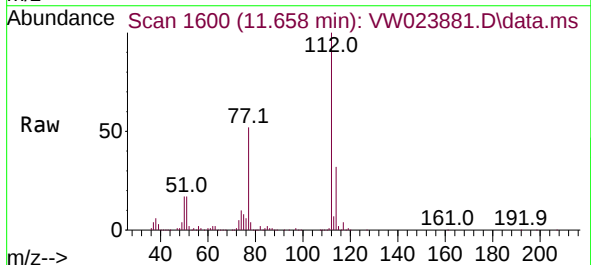
Instrument :
MSVOA_W
ClientSampleId :

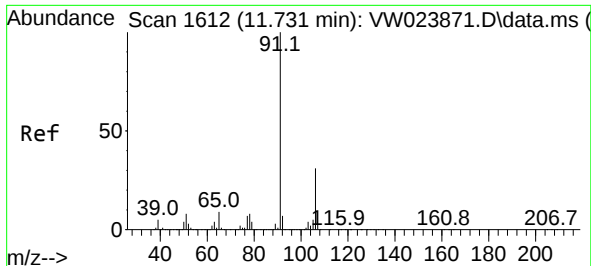
Tgt Ion:107 Resp: 100477
Ion Ratio Lower Upper
107 100
109 89.1 62.4 116.0
188 3.5 2.3 3.5



#51
Chlorobenzene
Concen: 27.348 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt Ion:112 Resp: 299697
Ion Ratio Lower Upper
112 100
114 32.2 21.1 39.3
77 52.4 46.6 69.8

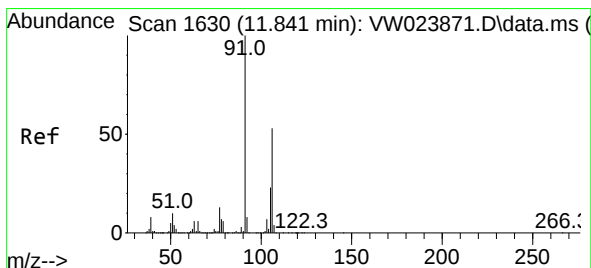
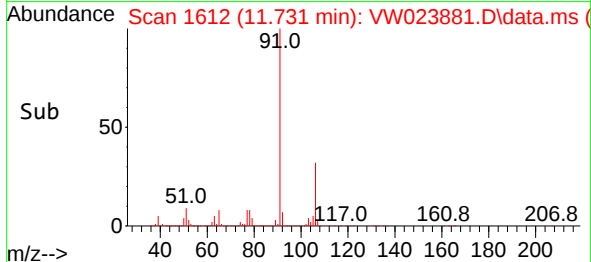
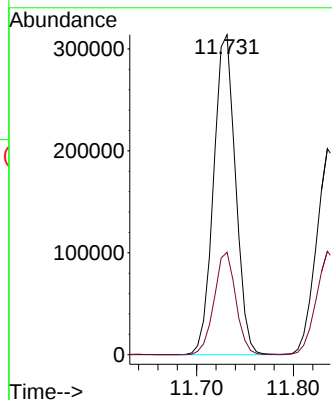
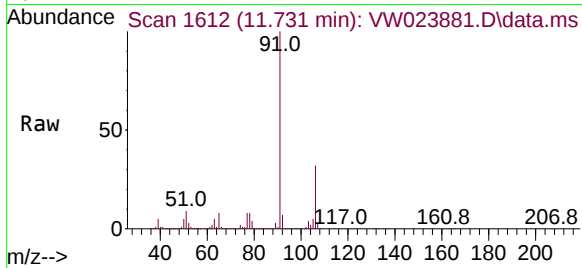




#52
Ethylbenzene
Concen: 26.825 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

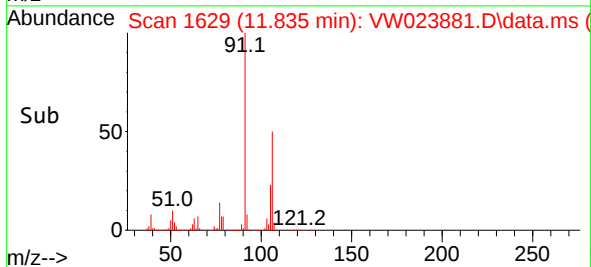
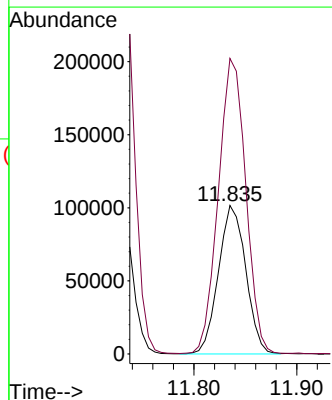
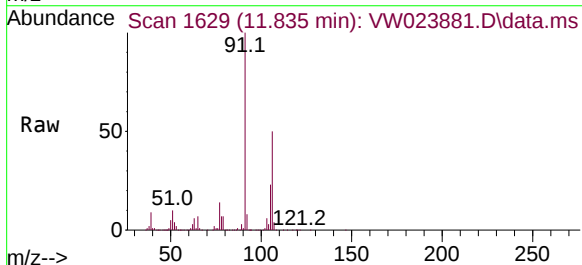
Instrument :
MSVOA_W
ClientSampleId :

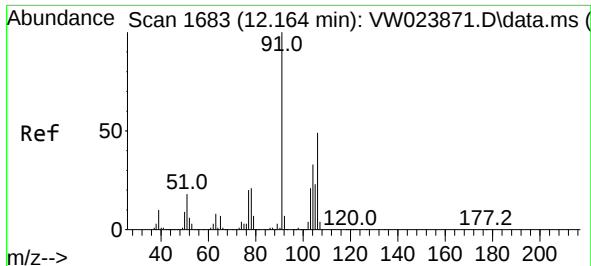
Tgt Ion: 91 Resp: 495311
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.9



#53
m,p-Xylene
Concen: 26.066 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt Ion: 106 Resp: 187779
Ion Ratio Lower Upper
106 100
91 199.2 142.8 265.2

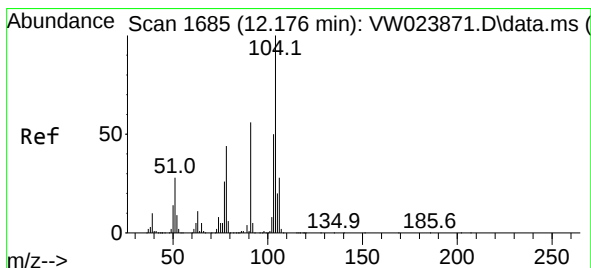
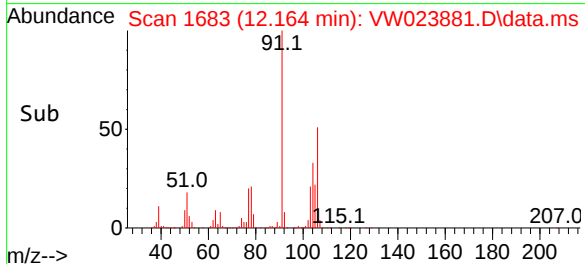
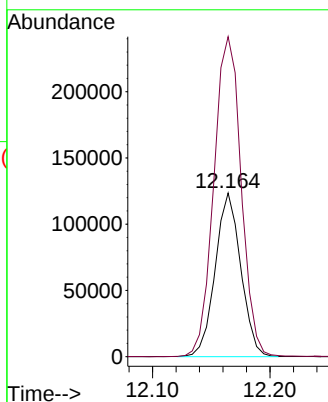
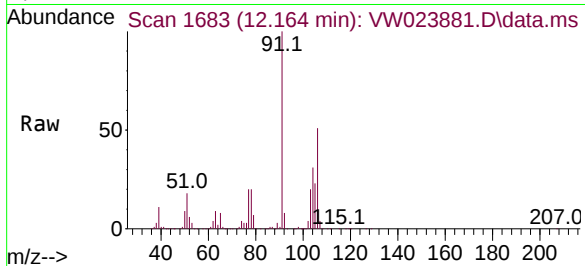




#54
o-Xylene
Concen: 27.057 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

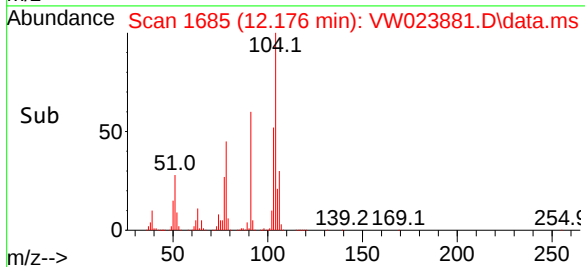
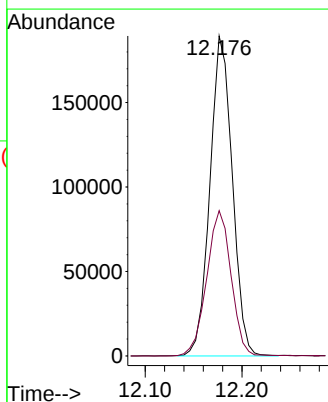
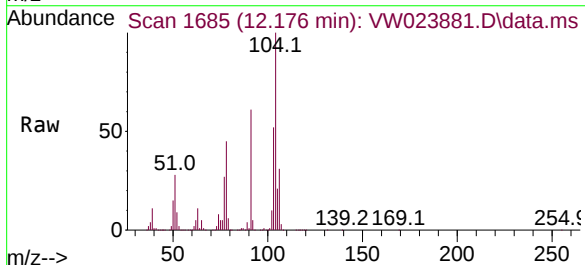
Instrument :
MSVOA_W
ClientSampleId :

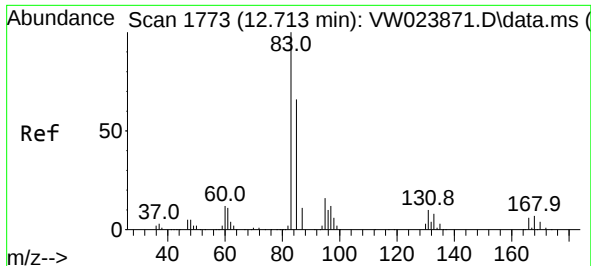
Tgt Ion:106 Resp: 187194
Ion Ratio Lower Upper
106 100
91 195.6 149.6 277.8



#55
Styrene
Concen: 24.941 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt Ion:104 Resp: 304841
Ion Ratio Lower Upper
104 100
78 45.4 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 30.540 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

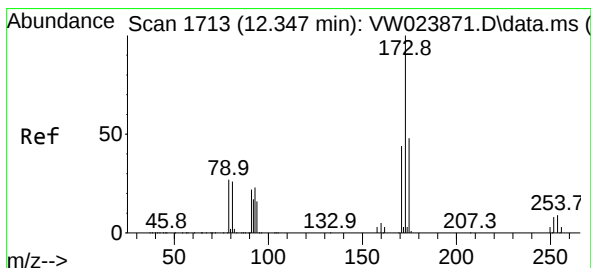
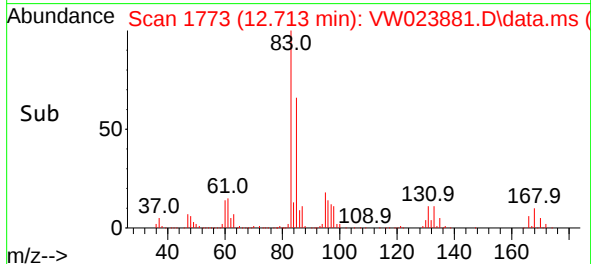
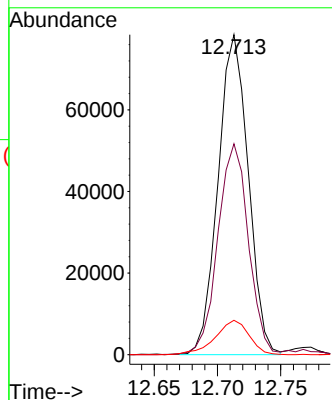
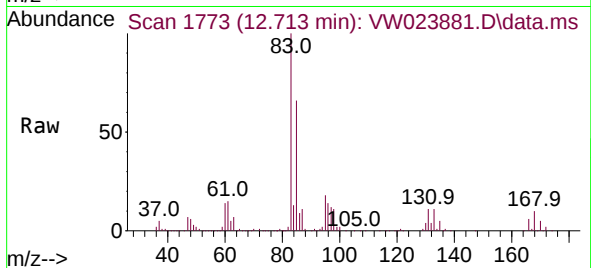
Tgt Ion: 83 Resp: 130106

Ion Ratio Lower Upper

83 100

85 65.9 46.5 86.3

131 10.8 7.4 11.0



#59

Bromoform

Concen: 40.112 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

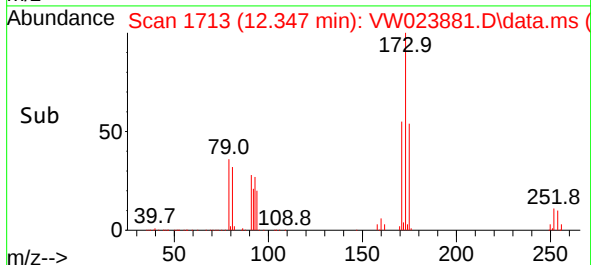
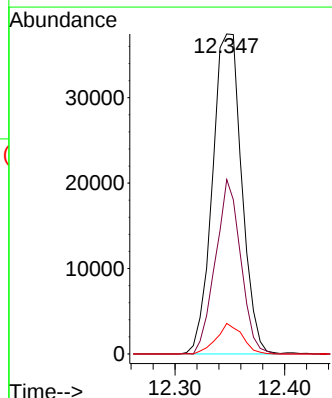
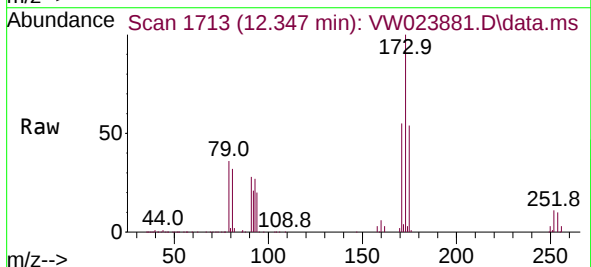
Tgt Ion:173 Resp: 69567

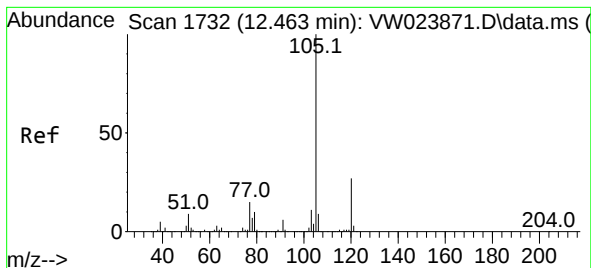
Ion Ratio Lower Upper

173 100

175 47.0 38.9 58.3

254 8.4 5.9 8.9





#60

Isopropylbenzene

Concen: 29.266 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

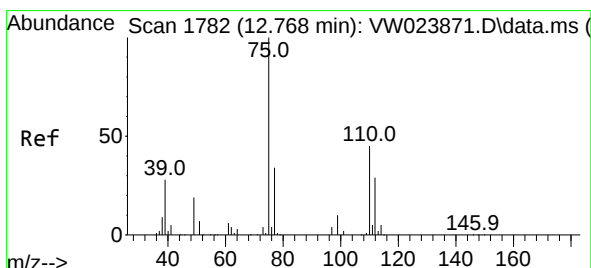
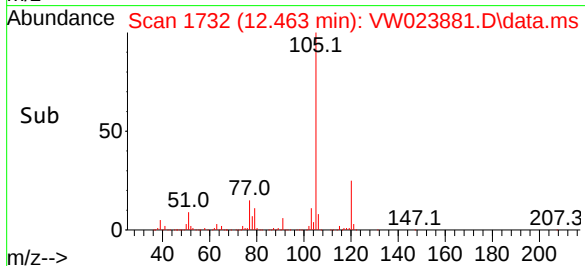
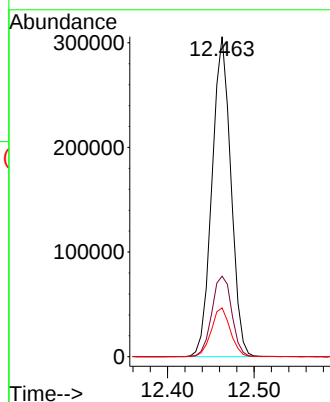
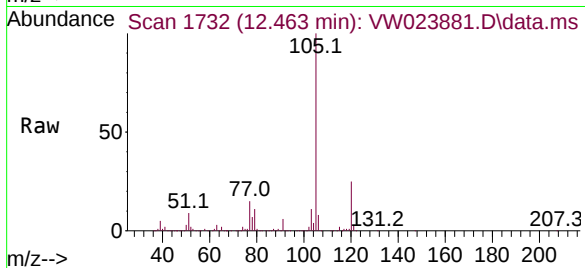
Tgt Ion:105 Resp: 462388

Ion Ratio Lower Upper

105 100

120 26.7 20.7 31.1

77 15.5 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 36.938 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

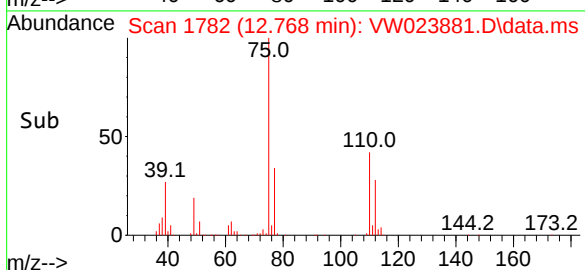
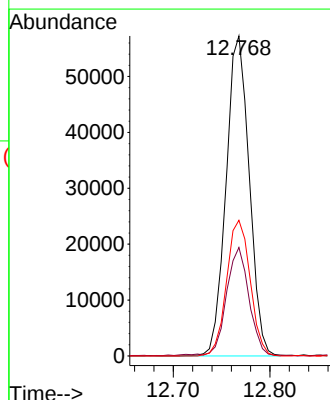
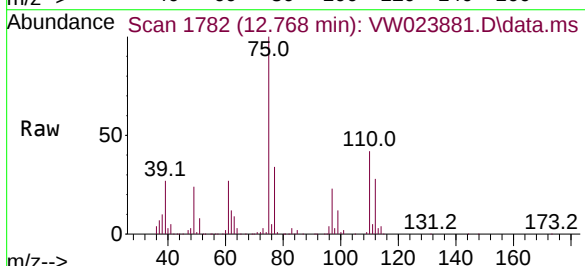
Tgt Ion: 75 Resp: 95262

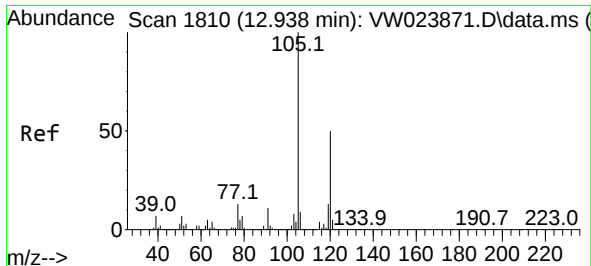
Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.4

110 43.0 31.9 47.9





#62

1,3,5-Trimethylbenzene

Concen: 25.954 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

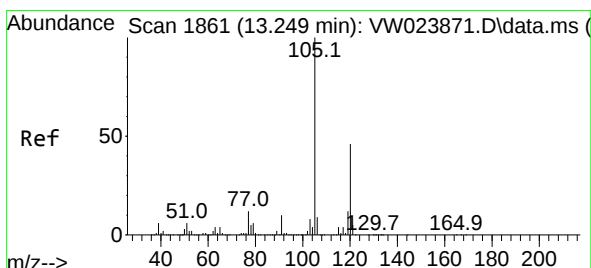
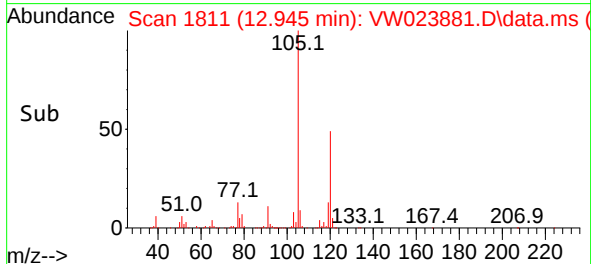
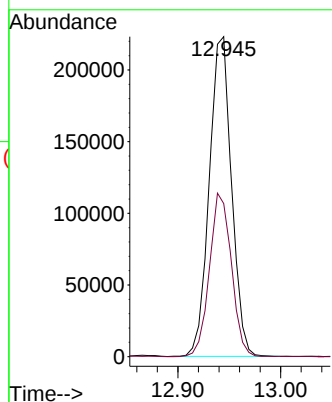
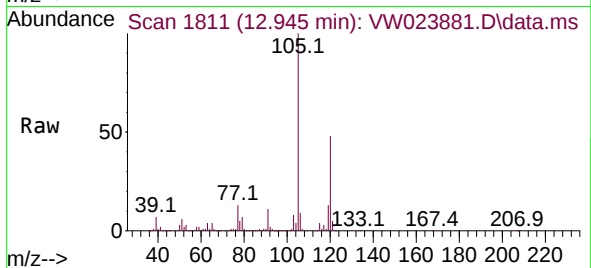
ClientSampleId :

Tgt Ion:105 Resp: 335718

Ion Ratio Lower Upper

105 100

120 50.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 26.461 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023881.D

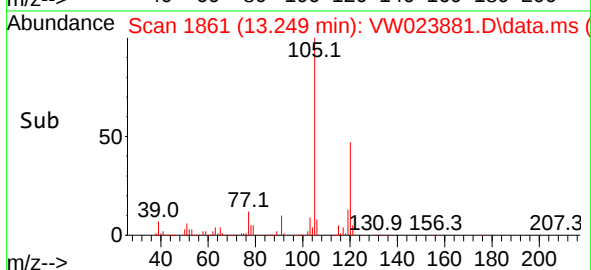
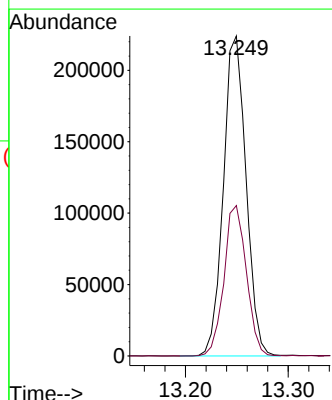
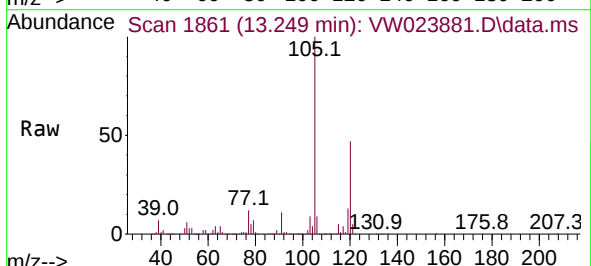
Acq: 19 Jul 2022 13:52

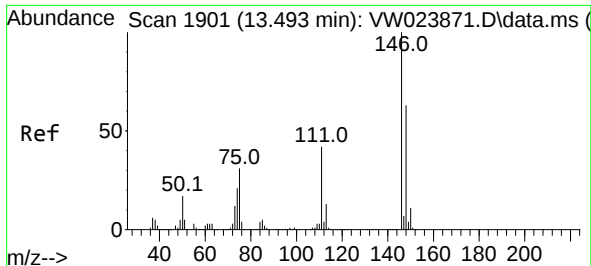
Tgt Ion:105 Resp: 342205

Ion Ratio Lower Upper

105 100

120 46.5 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 28.050 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

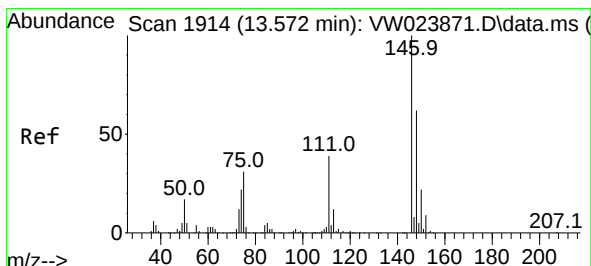
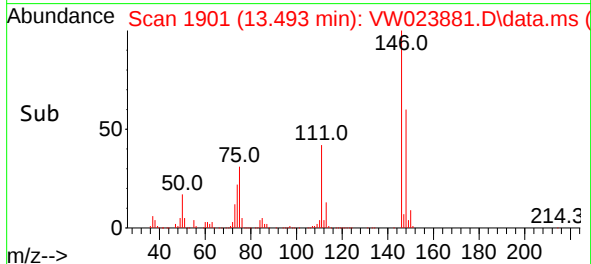
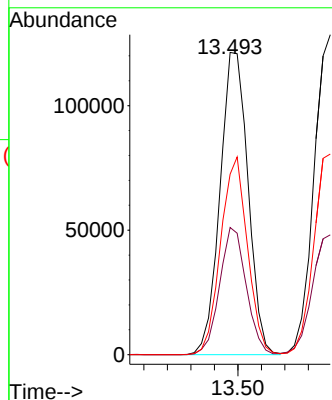
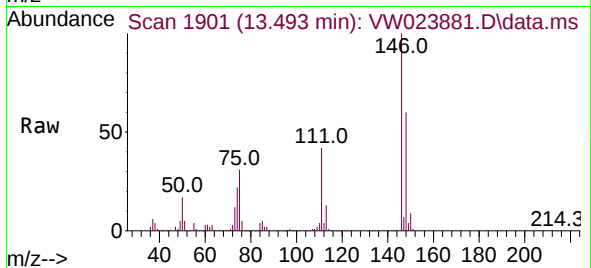
Tgt Ion:146 Resp: 201217

Ion Ratio Lower Upper

146 100

111 42.1 28.6 53.2

148 59.7 41.2 76.4



#65

1,4-Dichlorobenzene

Concen: 26.832 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

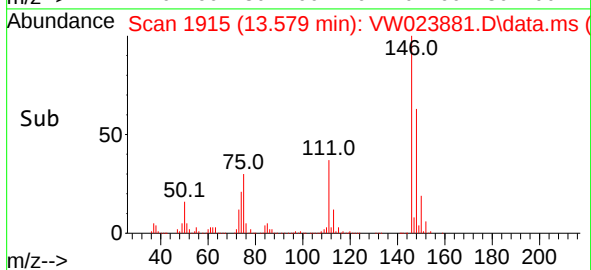
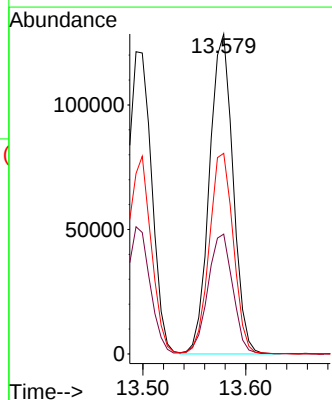
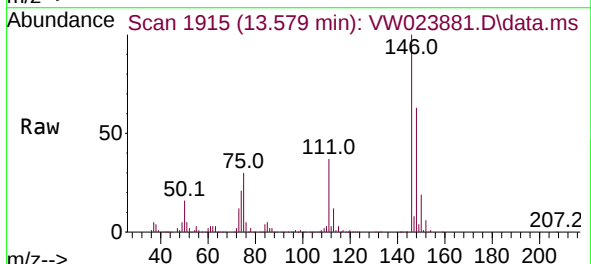
Tgt Ion:146 Resp: 204777

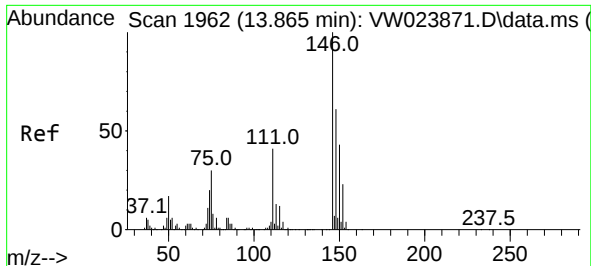
Ion Ratio Lower Upper

146 100

111 37.5 29.4 54.6

148 62.7 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 28.582 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

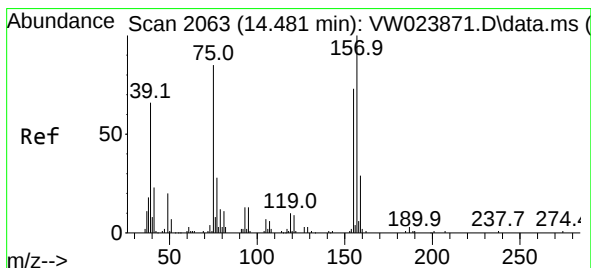
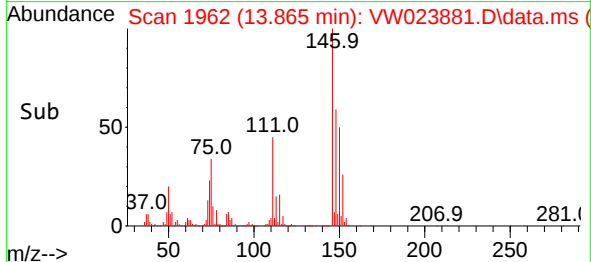
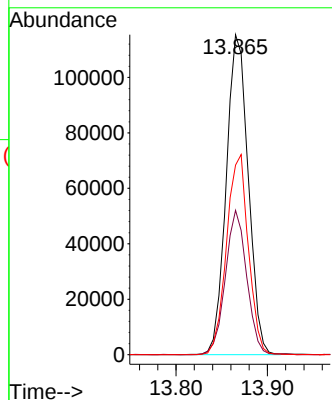
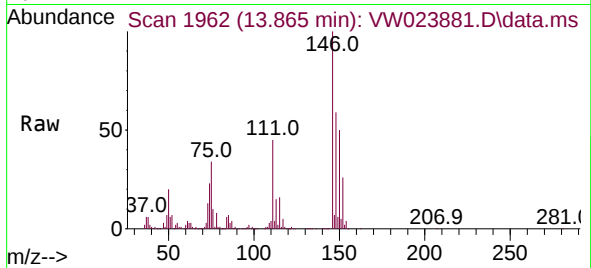
Tgt Ion:146 Resp: 193371

Ion Ratio Lower Upper

146 100

111 45.1 35.9 53.9

148 59.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 36.380 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

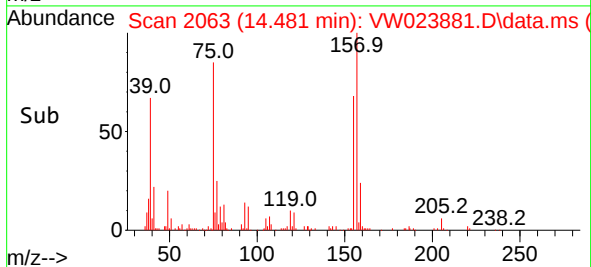
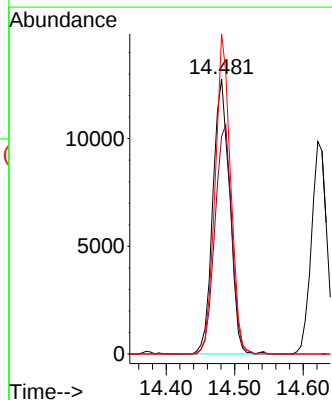
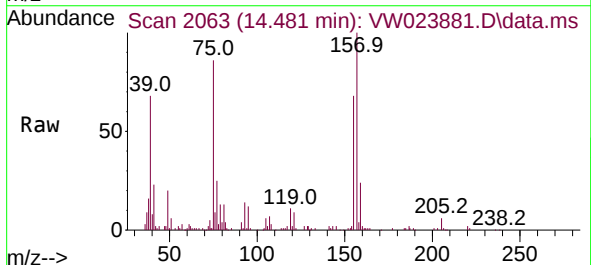
Tgt Ion: 75 Resp: 21640

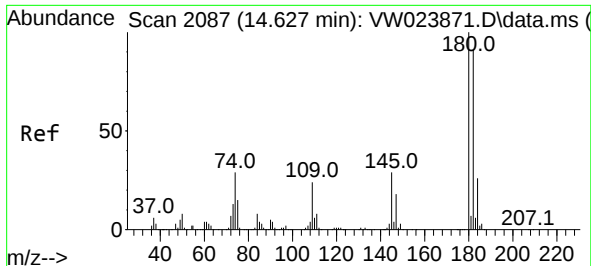
Ion Ratio Lower Upper

75 100

155 79.1 51.7 77.5#

157 116.3 63.5 95.3#





#69

1,3,5-Trichlorobenzene

Concen: 18.320 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 86986

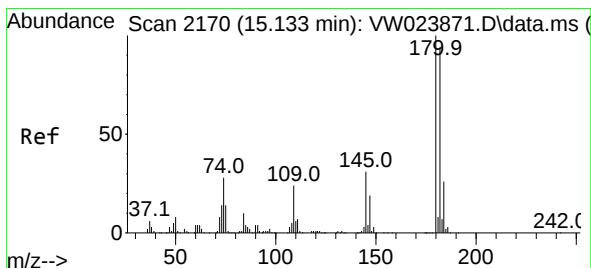
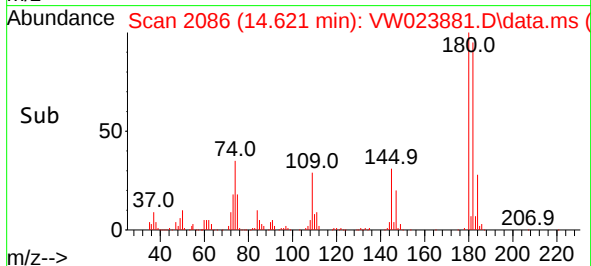
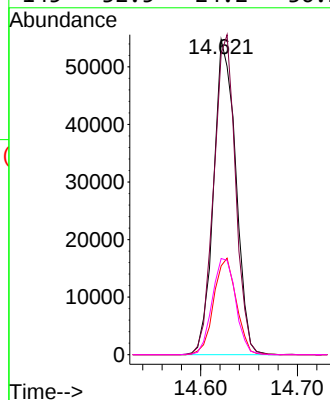
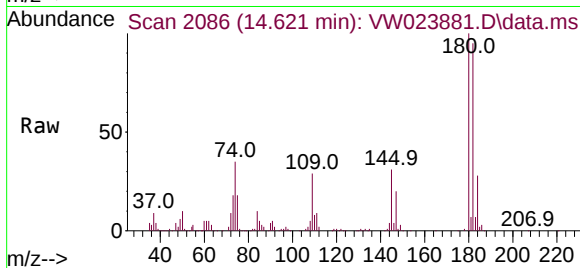
Ion Ratio Lower Upper

180 100

182 99.2 70.2 105.2

184 31.3 22.6 34.0

145 32.5 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 18.524 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

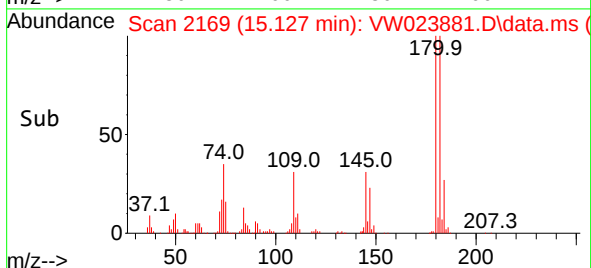
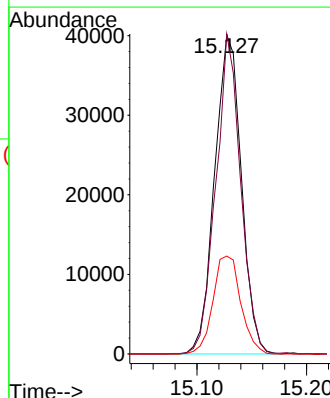
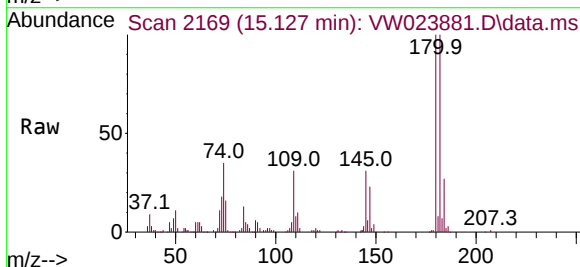
Tgt Ion:180 Resp: 67916

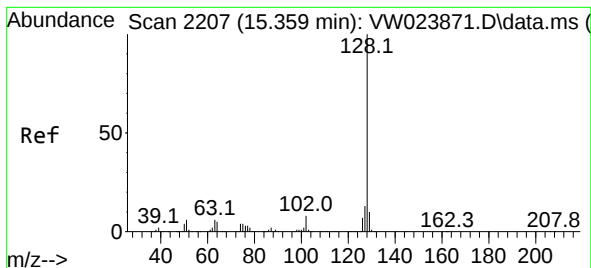
Ion Ratio Lower Upper

180 100

182 93.2 77.5 116.3

145 31.9 26.3 39.5





#71

Naphthalene

Concen: 34.882 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

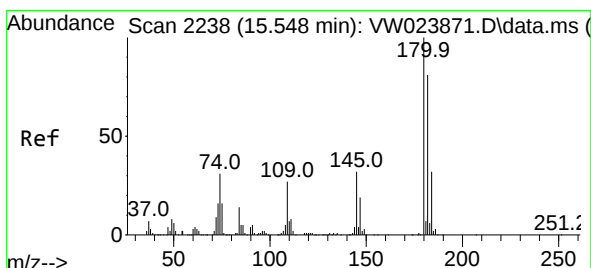
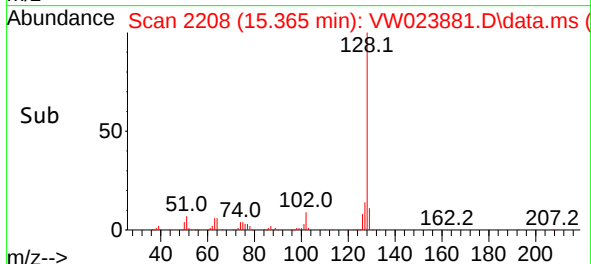
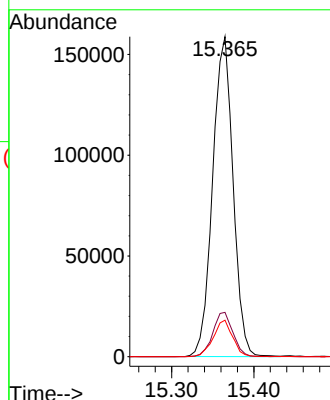
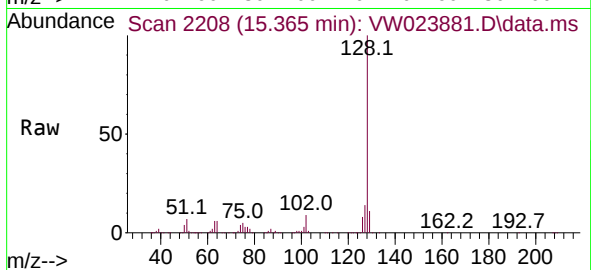
Tgt Ion:128 Resp: 274334

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 19.697 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Tgt Ion:180 Resp: 67311

Ion Ratio Lower Upper

180 100

182 91.6 76.3 114.5

145 34.2 27.8 41.6

