

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025169.D
 Acq On : 22 Dec 2022 19:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:48:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 00:42:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	275971	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	254716	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	128579	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	51215	16.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.400%
7) Chloroethane-d5	2.879	69	36385	17.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.840%
11) 1,1-Dichloroethene-d2	4.013	63	153759	22.061	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.240%
21) 2-Butanone-d5	7.080	46	38863	48.660	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.320%
24) Chloroform-d	7.647	84	178802	25.100	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	8.305	65	102378	28.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.360%
32) Benzene-d6	8.269	84	328386	21.984	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.920%
36) 1,2-Dichloropropane-d6	9.275	67	91055	20.949	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.800%
41) Toluene-d8	10.323	98	311856	23.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.120%
43) trans-1,3-Dichloroprop...	10.573	79	42963	23.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.600%
47) 2-Hexanone-d5	10.921	63	33969	53.268	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.540%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	77387	24.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	110481	25.350	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	40808	24.399	ug/L	99
3) Chloromethane	2.209	50	48421	16.442	ug/L	99
5) Vinyl chloride	2.361	62	66038	17.925	ug/L	98
6) Bromomethane	2.776	94	37672	19.734	ug/L	93
8) Chloroethane	2.916	64	31642	18.569	ug/L	97
9) Trichlorofluoromethane	3.257	101	68642	24.862	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	82797	22.703	ug/L	98
12) 1,1-Dichloroethene	4.038	96	78513	22.581	ug/L	99
13) Acetone	4.123	43	31841	38.784	ug/L	93
14) Carbon disulfide	4.379	76	234496	21.126	ug/L	99
15) Methyl Acetate	4.666	43	32640	24.358	ug/L	93
16) Methylene chloride	4.916	84	93272	21.624	ug/L	90
17) trans-1,2-Dichloroethene	5.422	96	87892	23.846	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	147434	26.957	ug/L	96
19) 1,1-Dichloroethane	6.214	63	158232	23.758	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	98622	25.304	ug/L	92
22) 2-Butanone	7.165	43	44739	43.316	ug/L	98
23) Bromochloromethane	7.513	128	43264	26.233	ug/L	95
25) Chloroform	7.677	83	182523	27.082	ug/L	99

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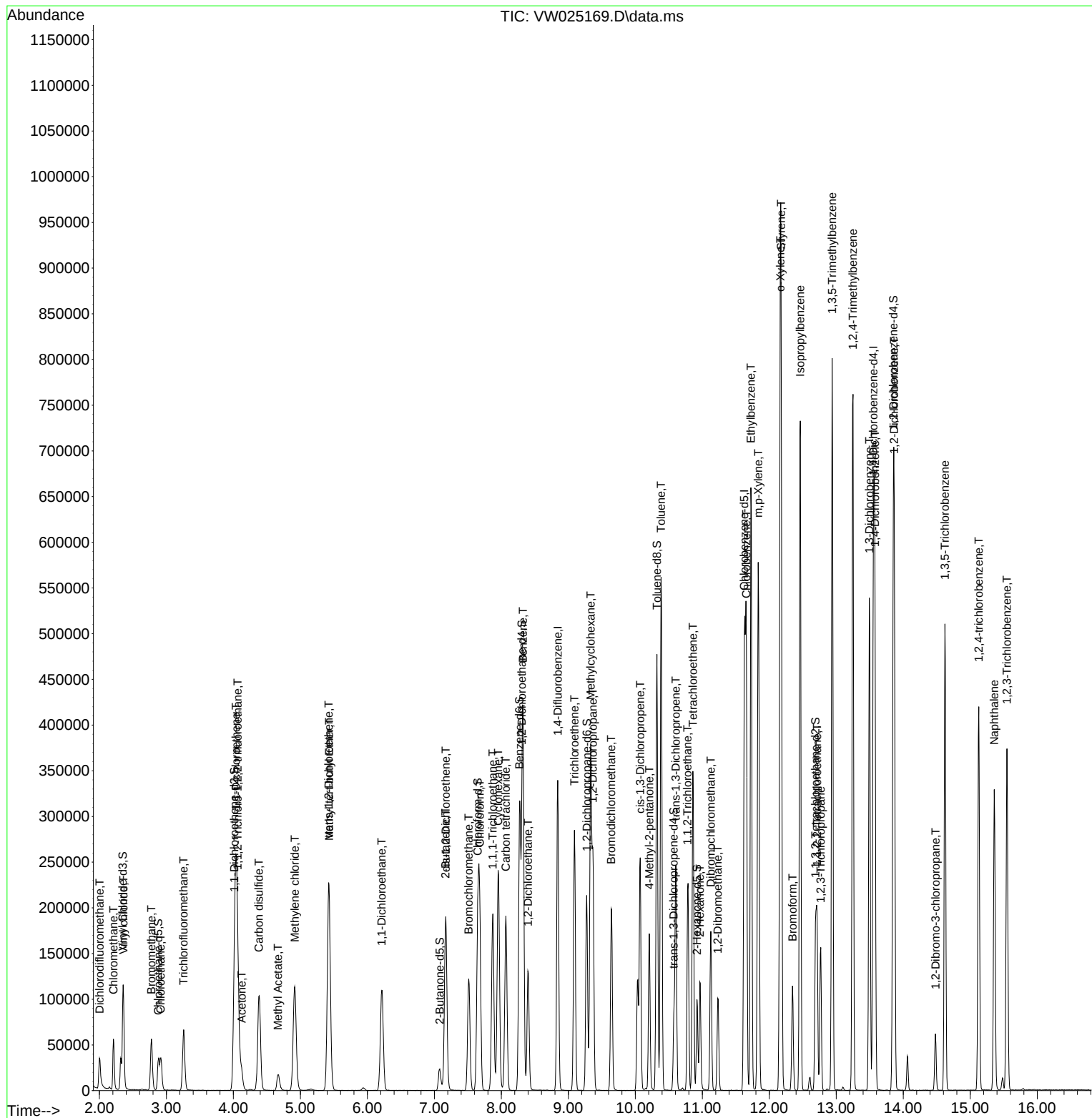
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	127469	30.039	ug/L	95
29) Cyclohexane	7.952	56	130201	20.187	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	158276	26.323	ug/L	99
31) Carbon tetrachloride	8.067	117	143047	25.874	ug/L	100
33) Benzene	8.324	78	370054	23.453	ug/L	100
34) Trichloroethene	9.092	95	98325	23.789	ug/L	94
35) Methylcyclohexane	9.336	83	156991	21.414	ug/L	98
37) 1,2-Dichloropropane	9.366	63	87986	23.119	ug/L #	97
38) Bromodichloromethane	9.640	83	136591	27.168	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	147319	25.334	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	102117	52.343	ug/L	98
42) Toluene	10.384	91	404876	24.490	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	131900	26.486	ug/L	99
45) 1,1,2-Trichloroethane	10.780	97	70225	25.857	ug/L	95
46) Tetrachloroethene	10.860	164	72813	24.200	ug/L	96
48) 2-Hexanone	10.963	43	69850	49.018	ug/L	98
49) Dibromochloromethane	11.128	129	90240	27.666	ug/L	89
50) 1,2-Dibromoethane	11.232	107	67322	26.624	ug/L	93
51) Chlorobenzene	11.658	112	261928	24.756	ug/L	97
52) Ethylbenzene	11.725	91	460054	24.555	ug/L	99
53) m,p-Xylene	11.835	106	178354	24.928	ug/L	85
54) o-Xylene	12.164	106	171551	25.158	ug/L	95
55) Styrene	12.176	104	289025	25.029	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	81830	25.764	ug/L	95
59) Bromoform	12.347	173	48201	27.298	ug/L	95
60) Isopropylbenzene	12.463	105	468766	23.784	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	62803	25.411	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	419995	24.878	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	419805	25.597	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	211164	26.171	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	205280	25.263	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	190733	27.106	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16805	29.164	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	144829	25.279	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	124550	27.094	ug/L	98
71) Naphthalene	15.359	128	278645	30.921	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	115347	28.632	ug/L	97

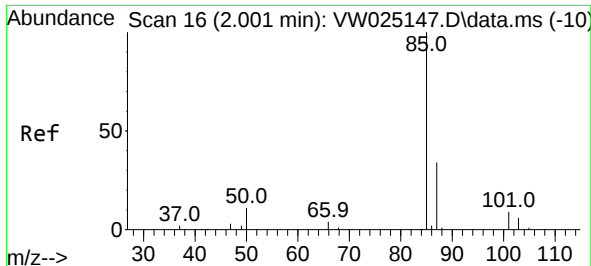
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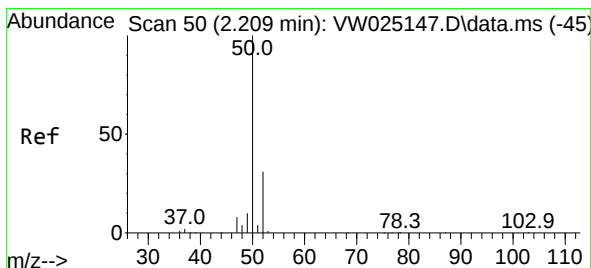
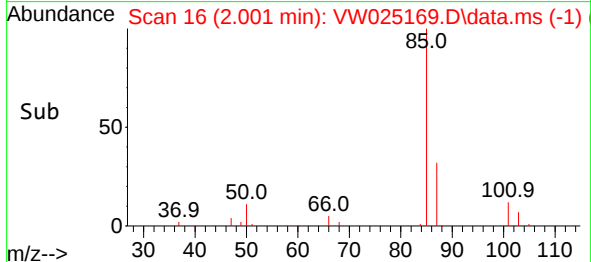
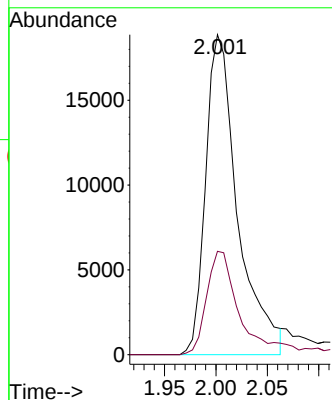
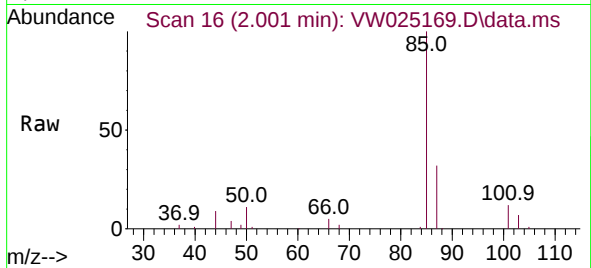




#2
 Dichlorodifluoromethane
 Concen: 24.399 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW025169.D
 Acq: 22 Dec 2022 19:45

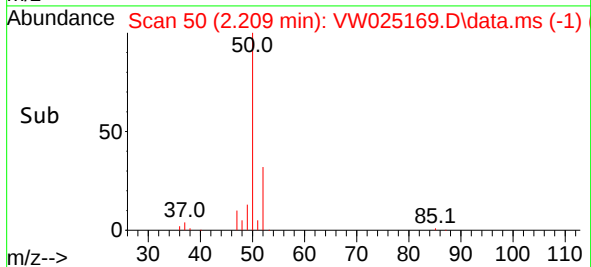
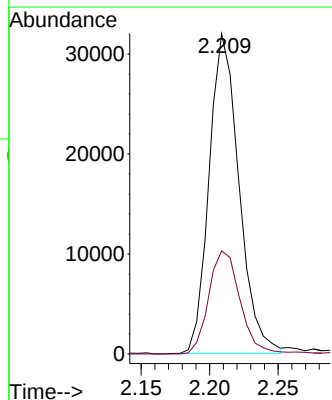
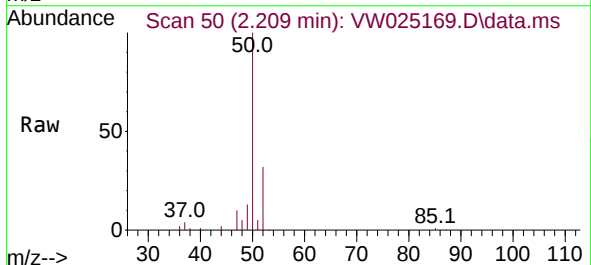
Instrument :
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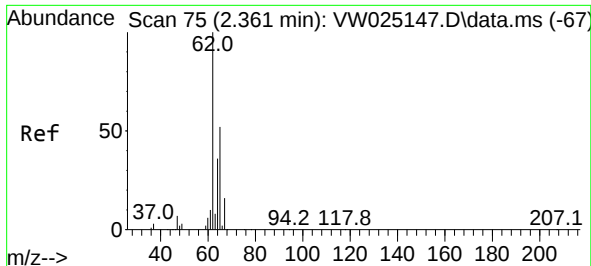
Tgt Ion: 85 Resp: 40808
 Ion Ratio Lower Upper
 85 100
 87 30.7 25.0 37.6



#3
 Chloromethane
 Concen: 16.442 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW025169.D
 Acq: 22 Dec 2022 19:45

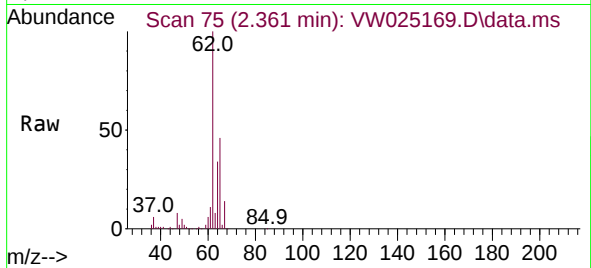
Tgt Ion: 50 Resp: 48421
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.1 41.1



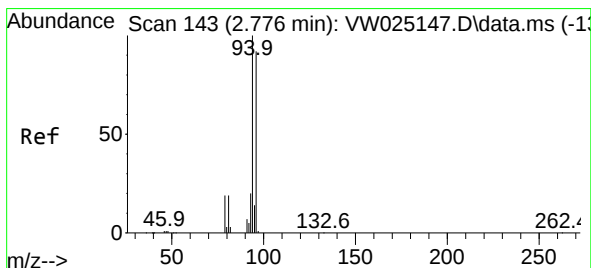
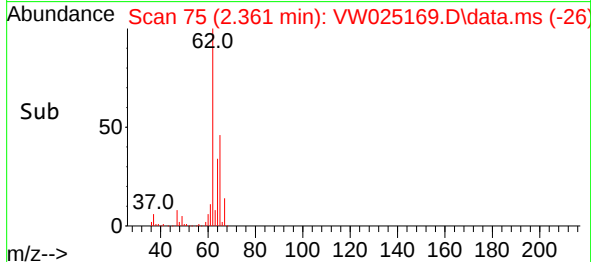
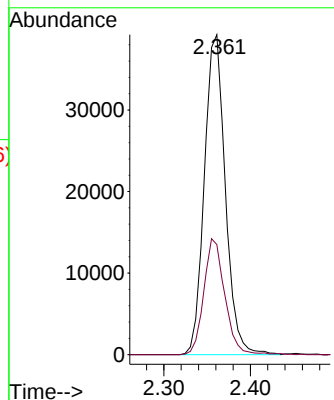


#5
 Vinyl chloride
 Concen: 17.925 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW025169.D
 Acq: 22 Dec 2022 19:45

Instrument :
 MSVOA_W
 ClientSampleId :

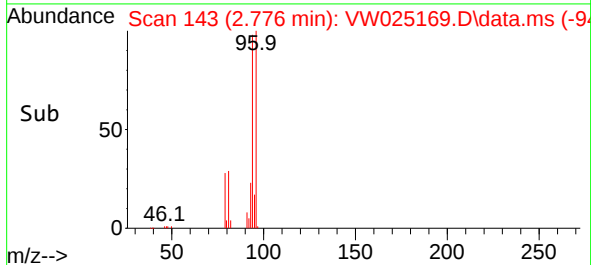
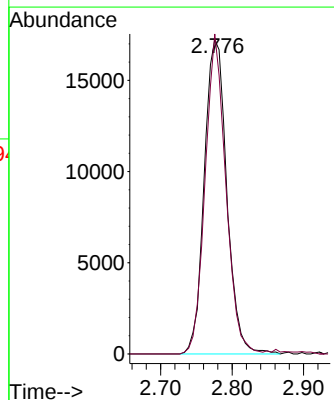
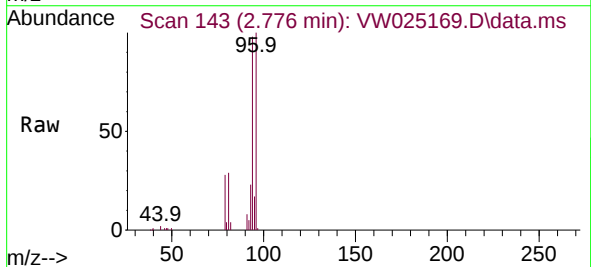


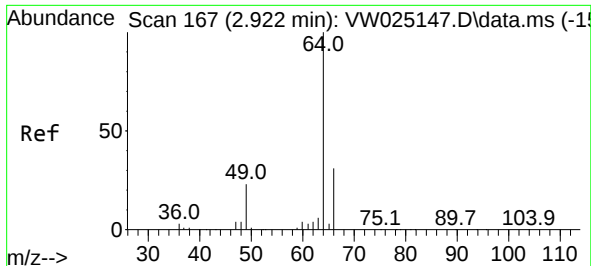
Tgt Ion: 62 Resp: 66038
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.8 46.1



#6
 Bromomethane
 Concen: 19.734 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW025169.D
 Acq: 22 Dec 2022 19:45

Tgt Ion: 94 Resp: 37672
 Ion Ratio Lower Upper
 94 100
 96 101.8 66.7 123.9





#8

Chloroethane

Concen: 18.569 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

Instrument :

MSVOA_W

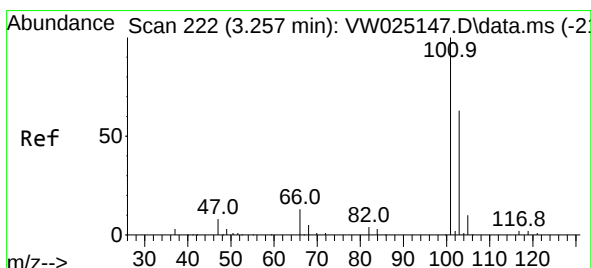
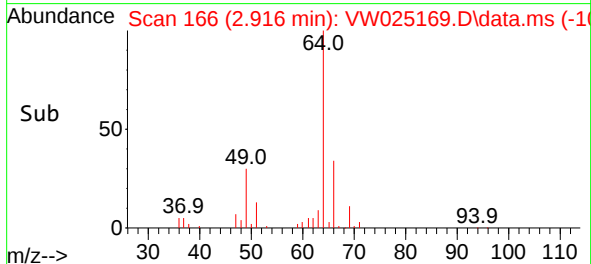
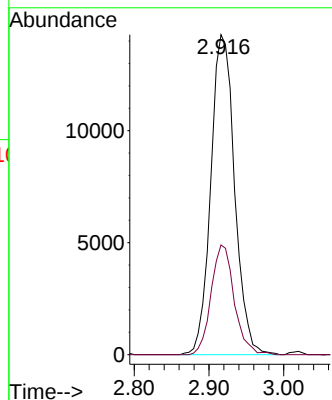
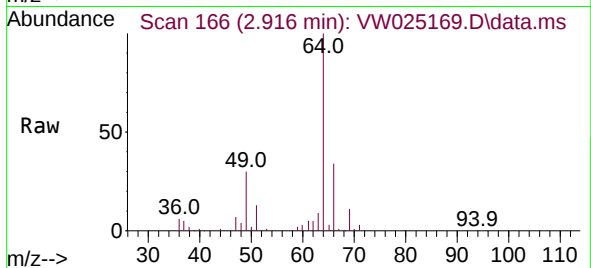
ClientSampleId :

Tgt Ion: 64 Resp: 31642

Ion Ratio Lower Upper

64 100

66 34.3 22.7 42.1



#9

Trichlorofluoromethane

Concen: 24.862 ug/L

RT: 3.257 min Scan# 222

Delta R.T. 0.000 min

Lab File: VW025169.D

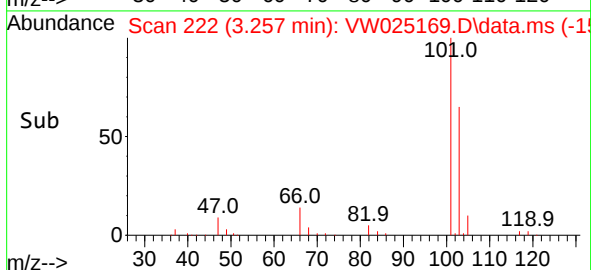
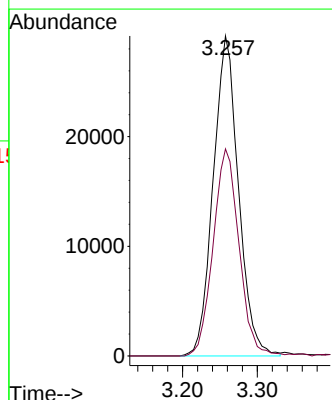
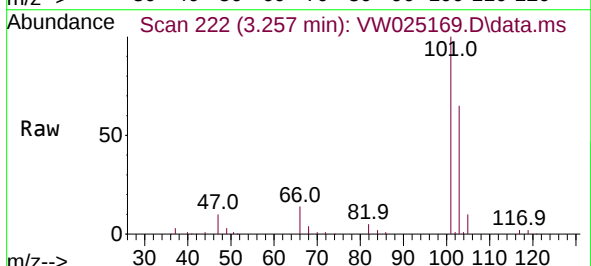
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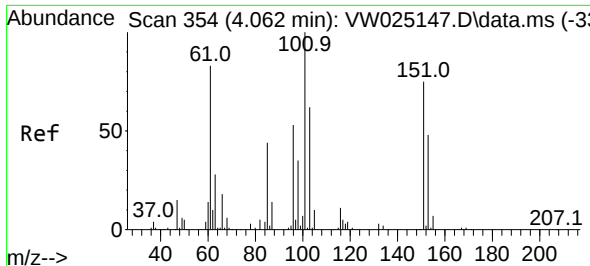
Tgt Ion:101 Resp: 68642

Ion Ratio Lower Upper

101 100

103 66.2 50.9 76.3

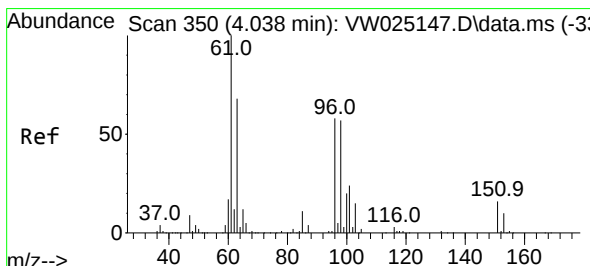
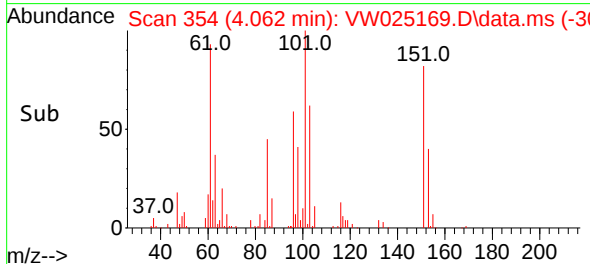
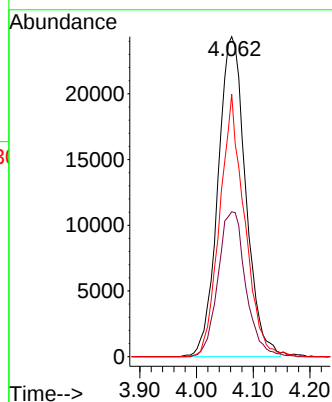
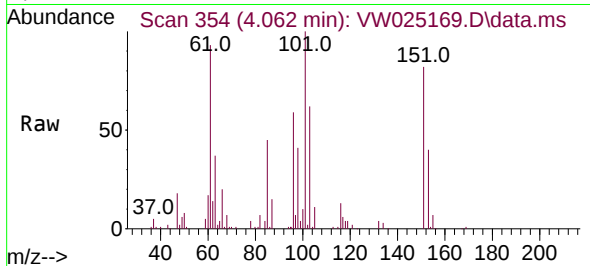




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.703 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025169.D
 Acq: 22 Dec 2022 19:45

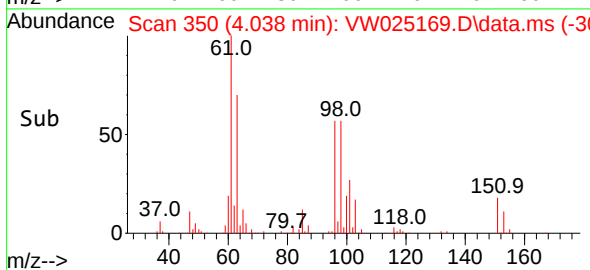
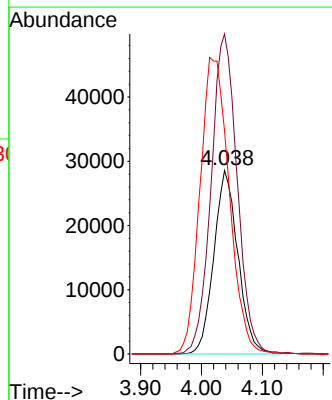
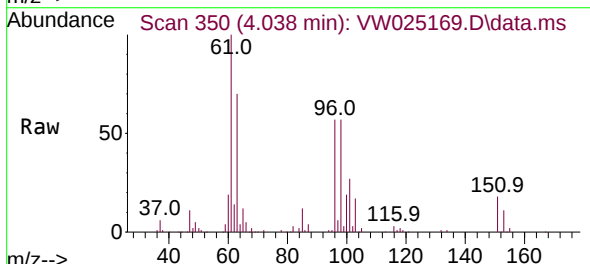
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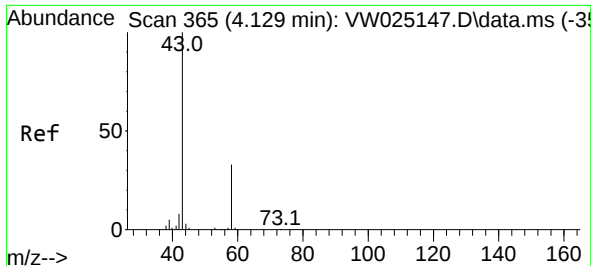
Tgt Ion:	101	Resp:	82797
Ion	Ratio	Lower	Upper
101	100		
85	45.3	34.6	52.0
151	72.8	57.7	86.5



#12
 1,1-Dichloroethene
 Concen: 22.581 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
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Tgt Ion:	96	Resp:	78513
Ion	Ratio	Lower	Upper
96	100		
61	174.3	120.8	224.4
63	121.6	84.1	156.1

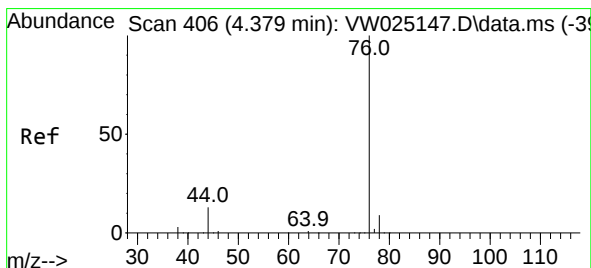
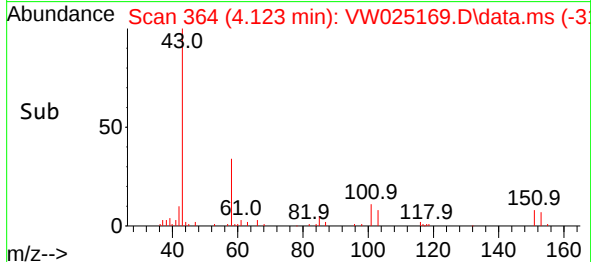
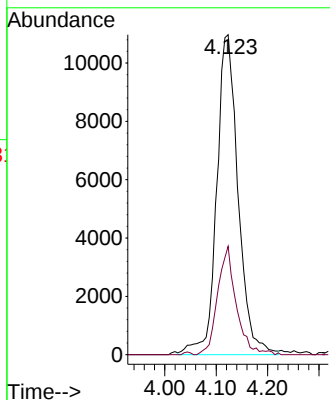
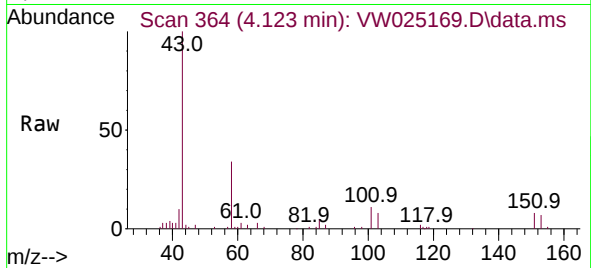




#13
Acetone
Concen: 38.784 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

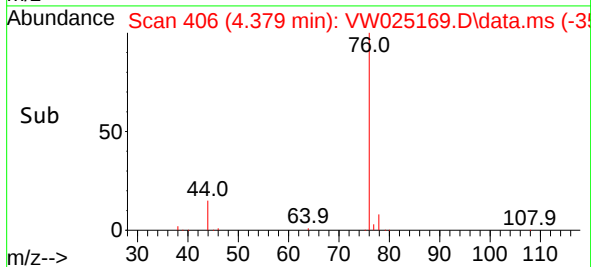
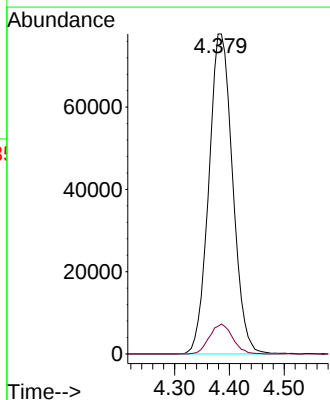
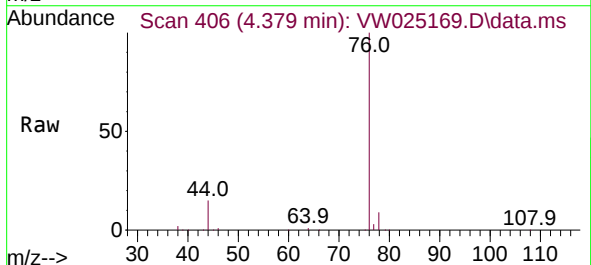
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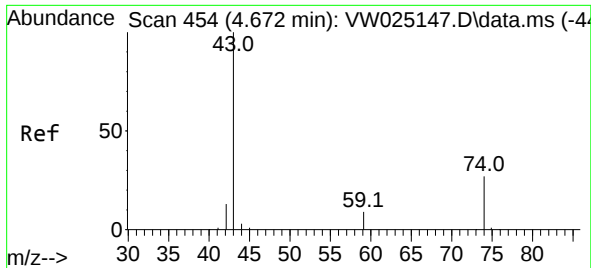
Tgt Ion: 43 Resp: 31841
Ion Ratio Lower Upper
43 100
58 28.4 0.0 65.2



#14
Carbon disulfide
Concen: 21.126 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 234496
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

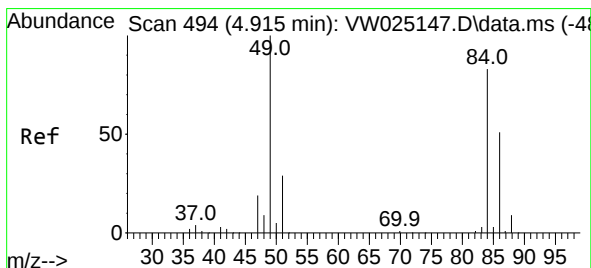
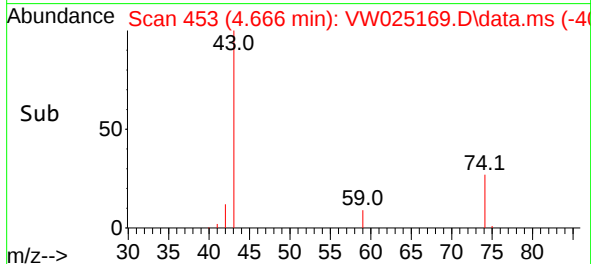
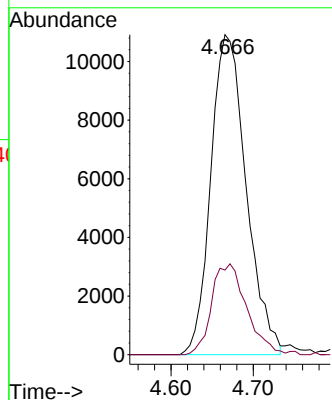
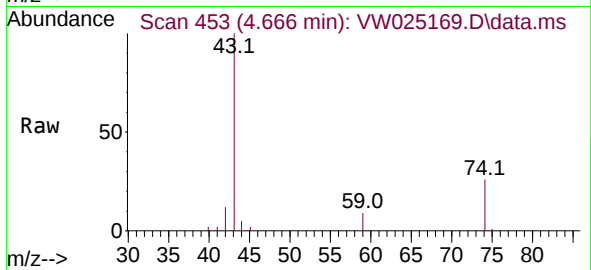




#15
Methyl Acetate
Concen: 24.358 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

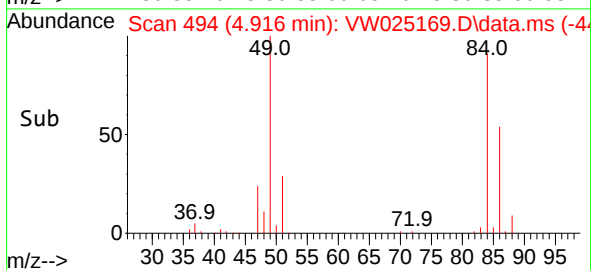
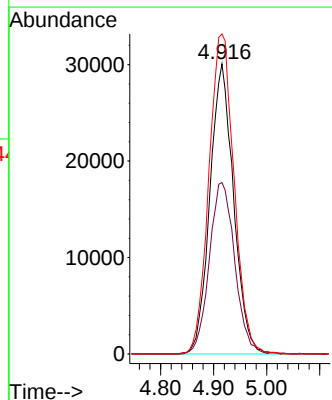
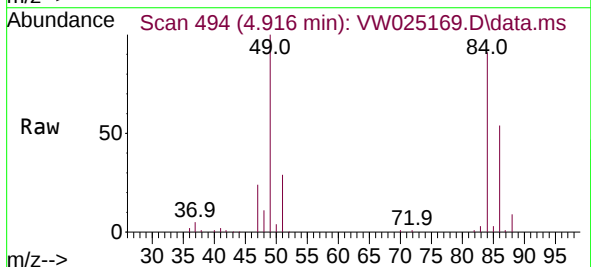
Instrument :
MSVOA_W
ClientSampleId :

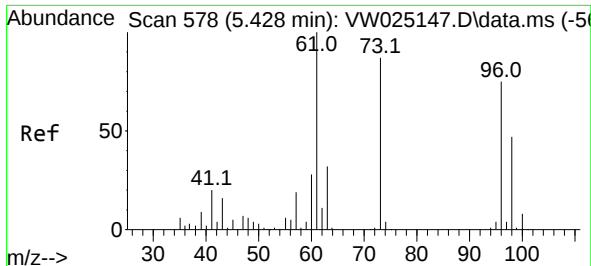
Tgt Ion: 43 Resp: 32640
Ion Ratio Lower Upper
43 100
74 28.0 19.5 29.3



#16
Methylene chloride
Concen: 21.624 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Tgt Ion: 84 Resp: 93272
Ion Ratio Lower Upper
84 100
86 59.1 45.0 83.6
49 110.3 86.3 160.3

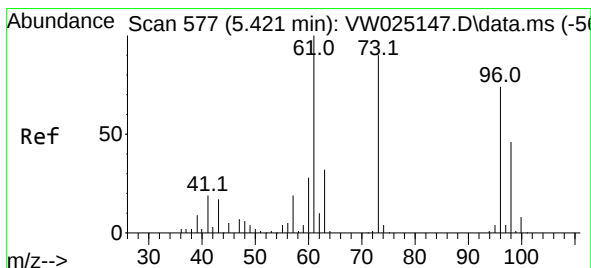
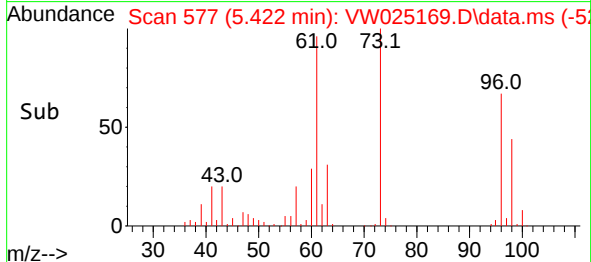
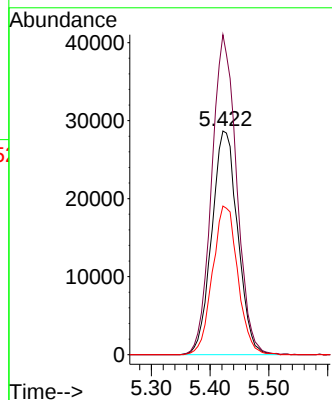
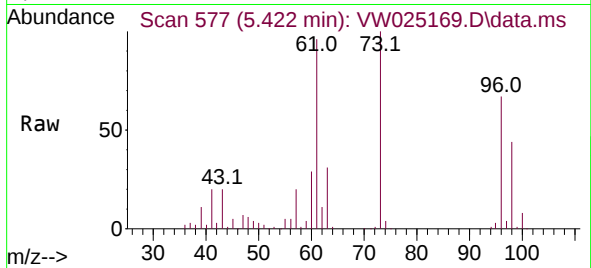




#17
trans-1,2-Dichloroethene
Concen: 23.846 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

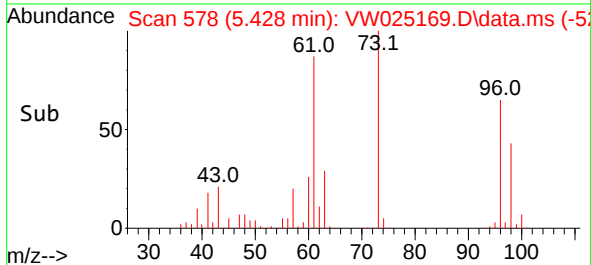
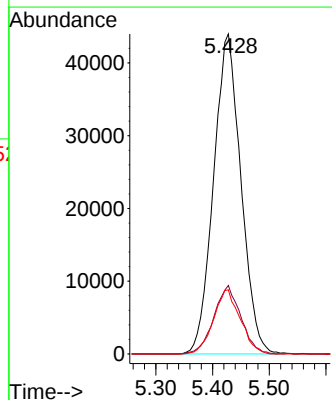
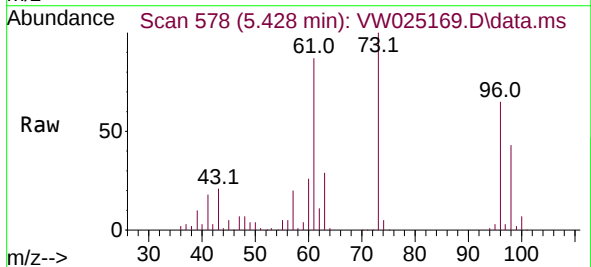
Instrument :
MSVOA_W
ClientSampleId :

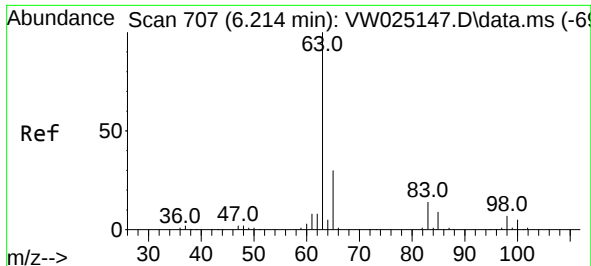
Tgt Ion: 96 Resp: 87892
Ion Ratio Lower Upper
96 100
61 143.1 95.5 177.3
98 66.4 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 26.957 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Tgt Ion: 73 Resp: 147434
Ion Ratio Lower Upper
73 100
43 21.0 15.6 23.4
57 19.6 17.5 26.3

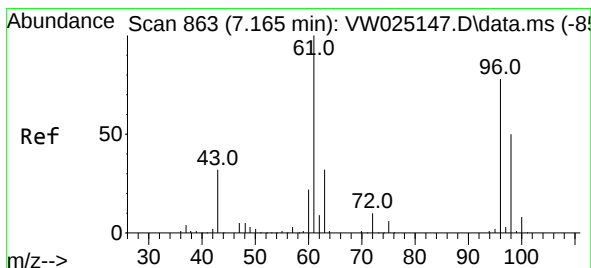
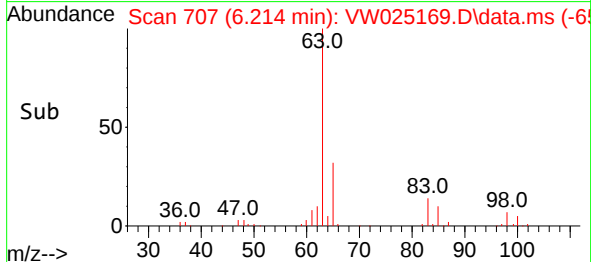
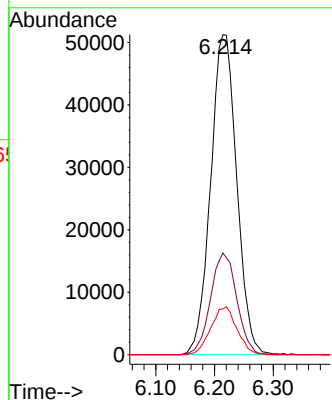
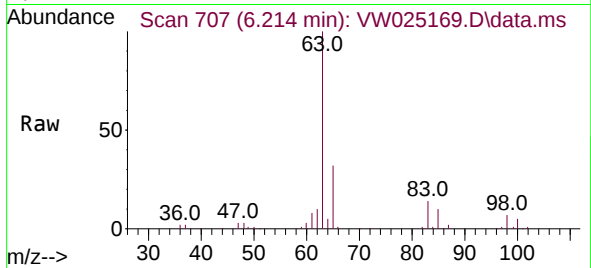




#19
1,1-Dichloroethane
Concen: 23.758 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

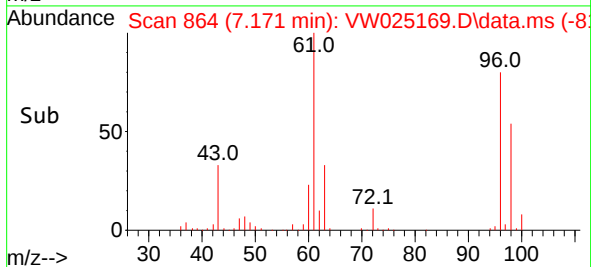
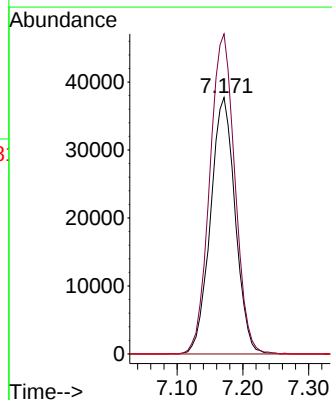
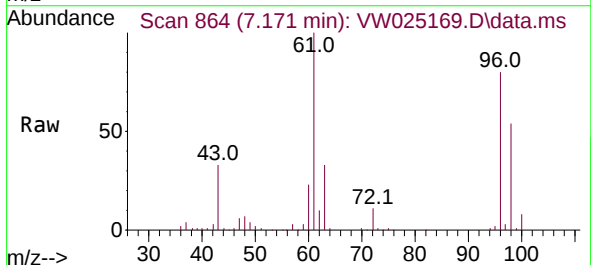
Instrument :
MSVOA_W
ClientSampleId :

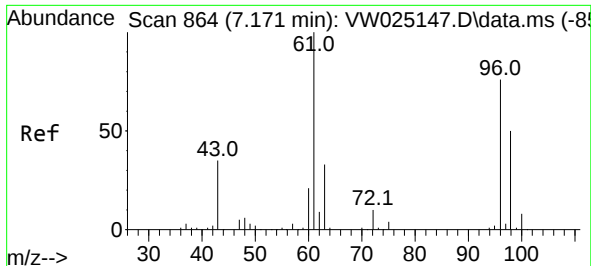
Tgt Ion: 63 Resp: 158232
Ion Ratio Lower Upper
63 100
65 31.8 22.2 41.2
83 14.3 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 25.304 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

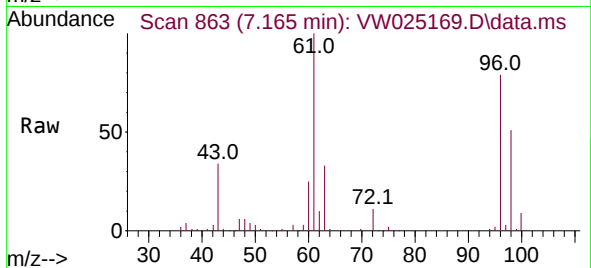
Tgt Ion: 96 Resp: 98622
Ion Ratio Lower Upper
96 100
61 124.7 93.7 173.9
68 0.0 0.0 0.0



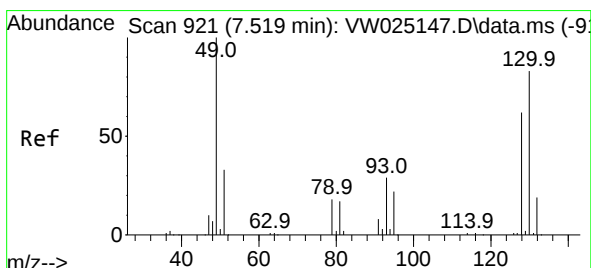
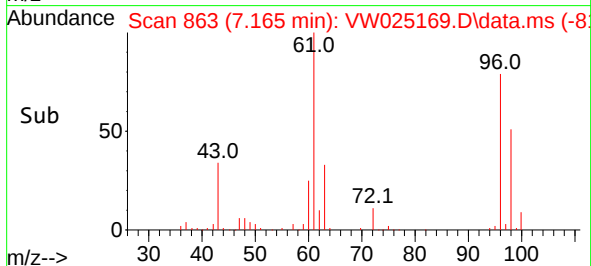
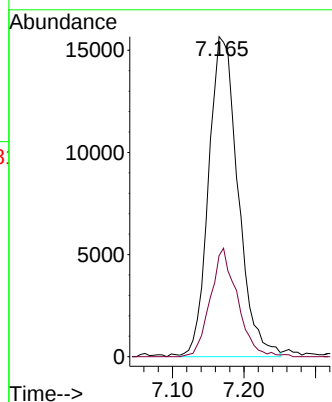


#22
2-Butanone
Concen: 43.316 ug/L
RT: 7.165 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Instrument :
MSVOA_W
ClientSampleId :

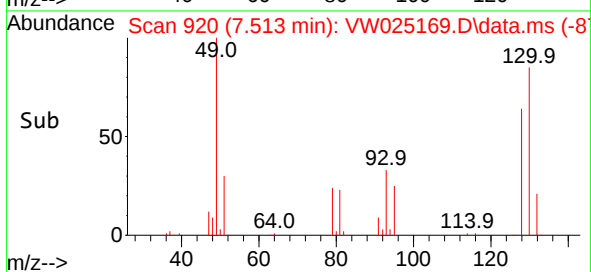
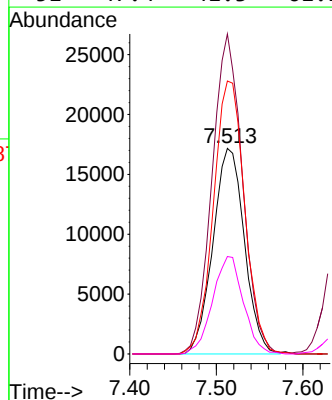
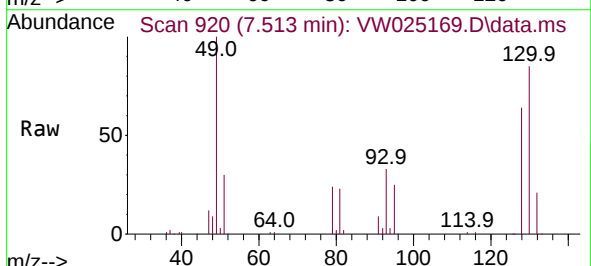


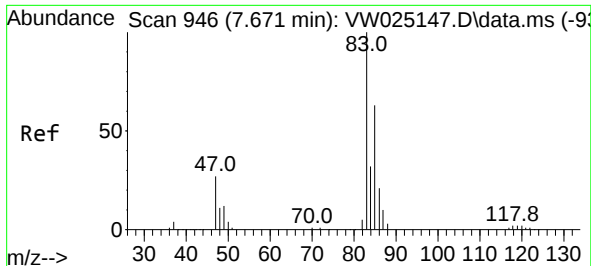
Tgt Ion: 43 Resp: 44739
Ion Ratio Lower Upper
43 100
72 31.1 15.0 45.0



#23
Bromochloromethane
Concen: 26.233 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Tgt Ion: 128 Resp: 43264
Ion Ratio Lower Upper
128 100
49 155.6 114.1 211.9
130 132.7 89.0 165.2
51 47.4 41.3 61.9

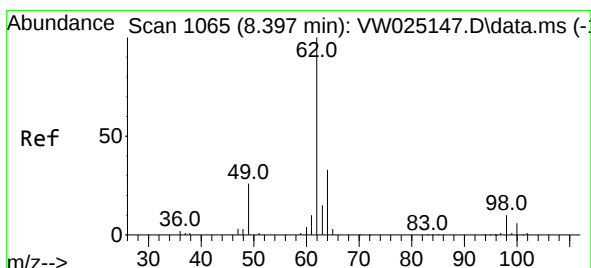
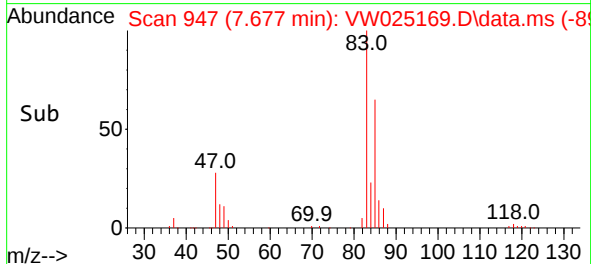
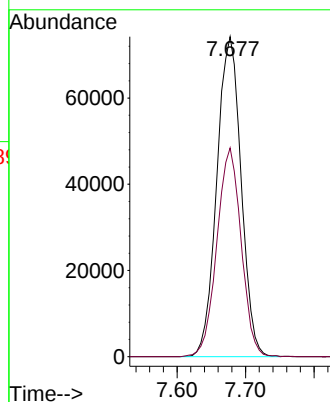
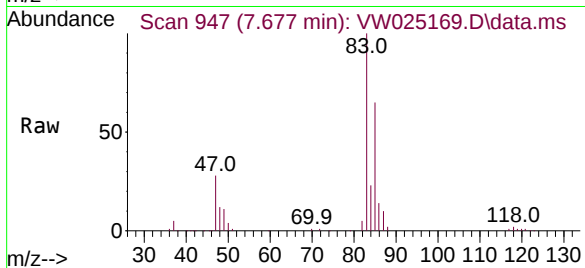




#25
Chloroform
Concen: 27.082 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

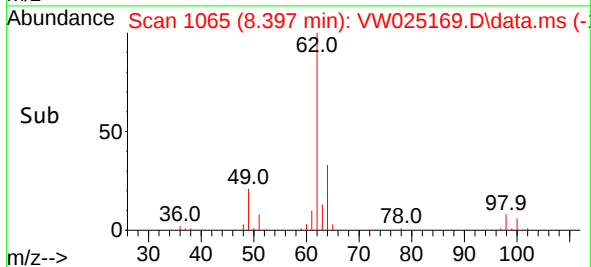
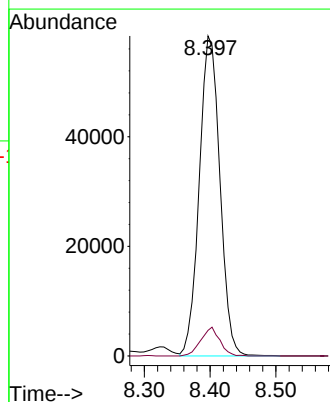
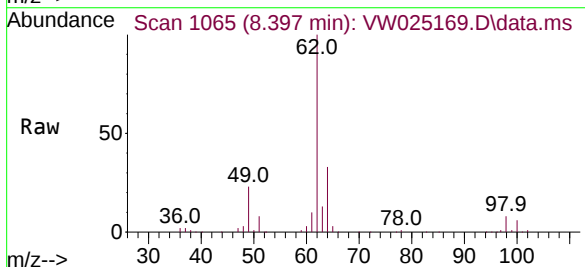
Instrument :
MSVOA_W
ClientSampleId :

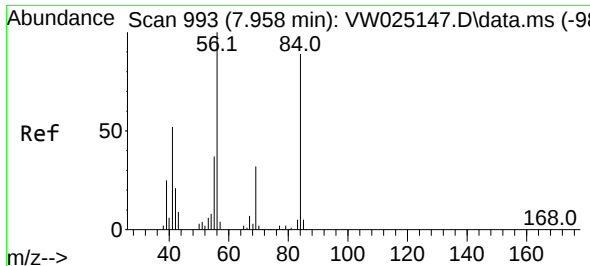
Tgt Ion: 83 Resp: 182523
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.2



#27
1,2-Dichloroethane
Concen: 30.039 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

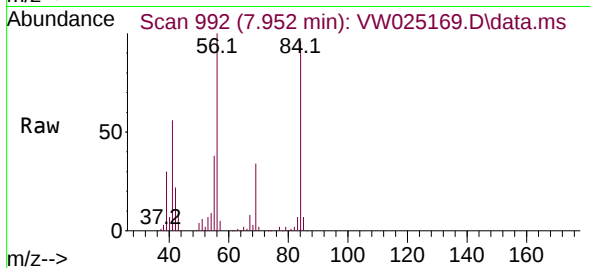
Tgt Ion: 62 Resp: 127469
Ion Ratio Lower Upper
62 100
98 8.0 7.8 11.8



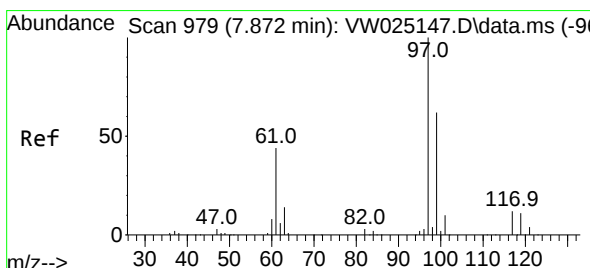
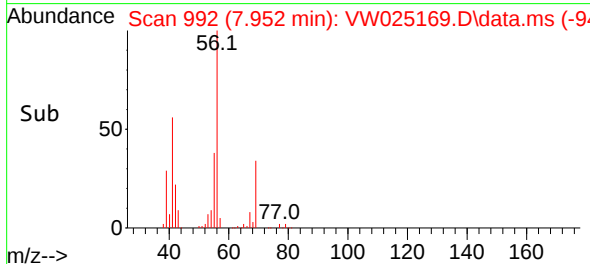
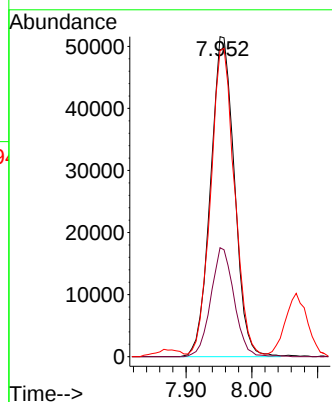


#29
Cyclohexane
Concen: 20.187 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Instrument :
MSVOA_W
ClientSampleId :

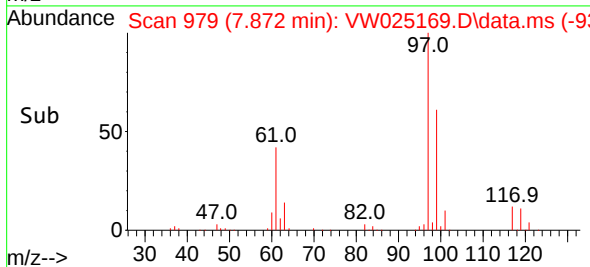
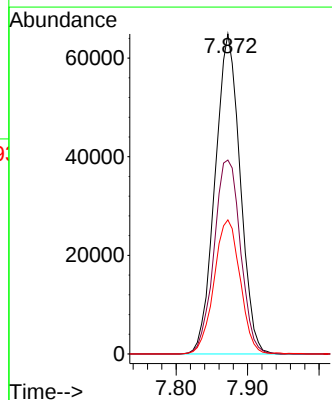
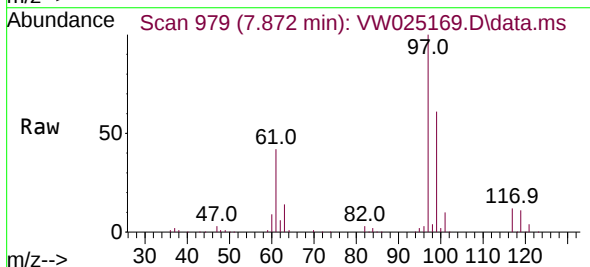


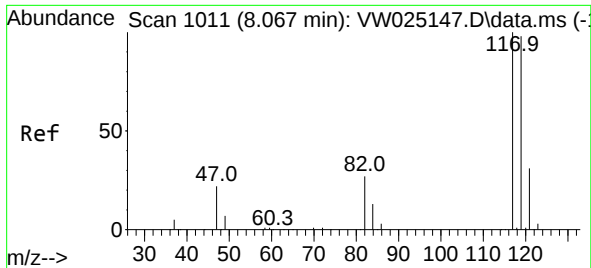
Tgt Ion: 56 Resp: 130201
Ion Ratio Lower Upper
56 100
69 33.1 25.0 37.6
84 96.7 70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 26.323 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

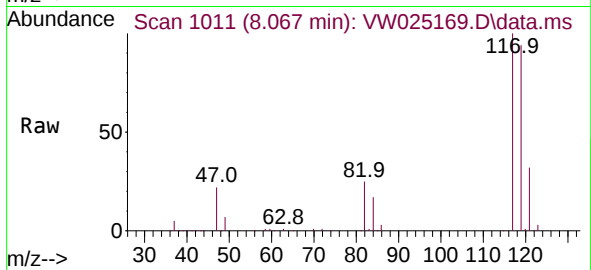
Tgt Ion: 97 Resp: 158276
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 43.5 35.5 53.3



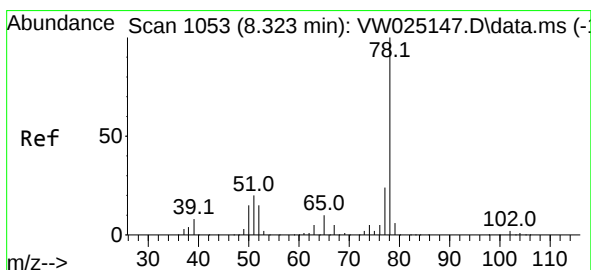
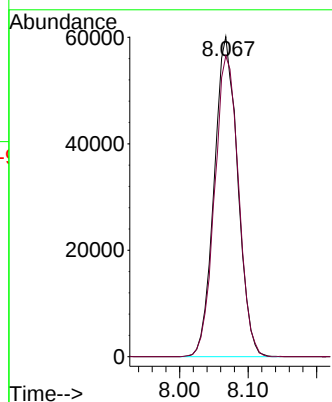
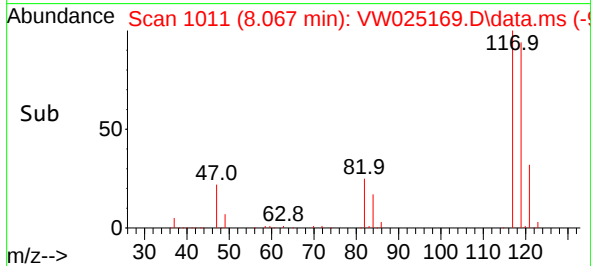


#31
Carbon tetrachloride
Concen: 25.874 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Instrument :
MSVOA_W
ClientSampleId :

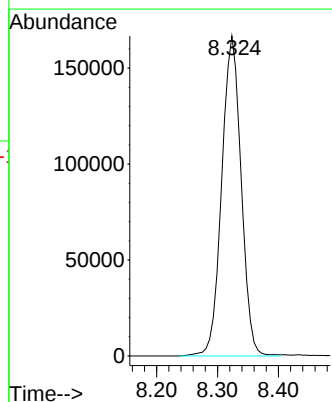
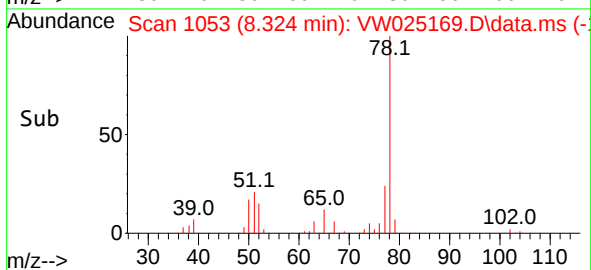
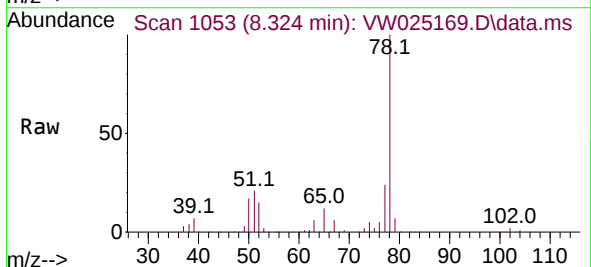


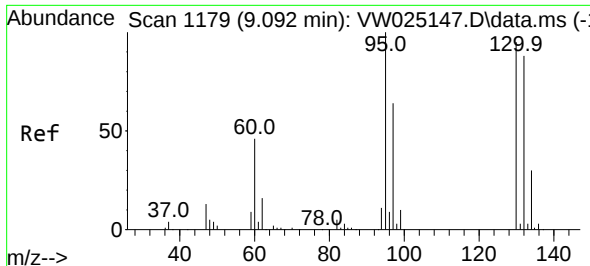
Tgt Ion:117 Resp: 143047
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.4



#33
Benzene
Concen: 23.453 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

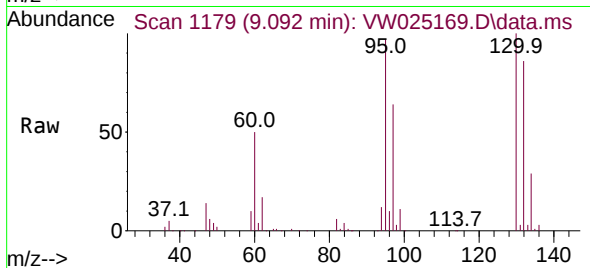
Tgt Ion: 78 Resp: 370054



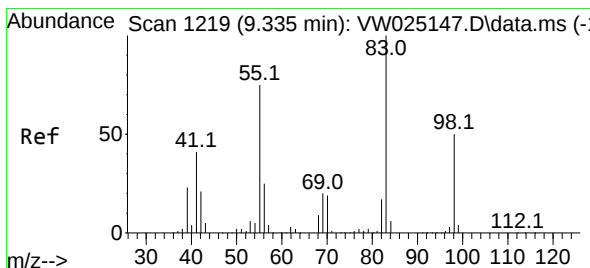
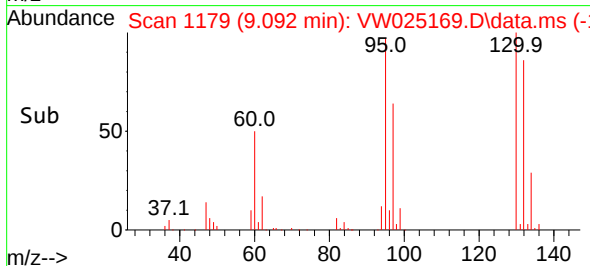
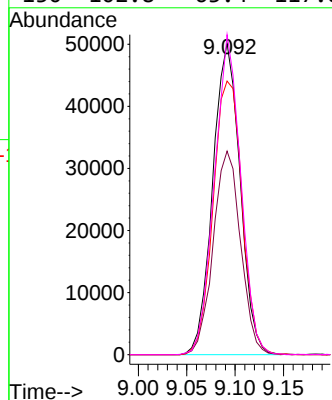


#34
Trichloroethene
Concen: 23.789 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Instrument :
MSVOA_W
ClientSampleId :

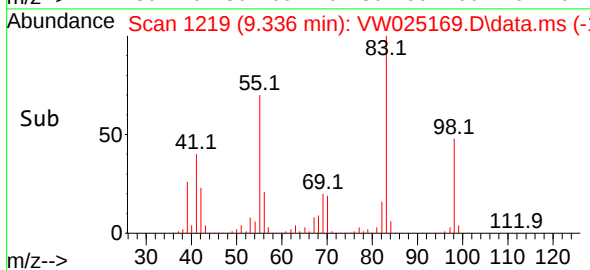
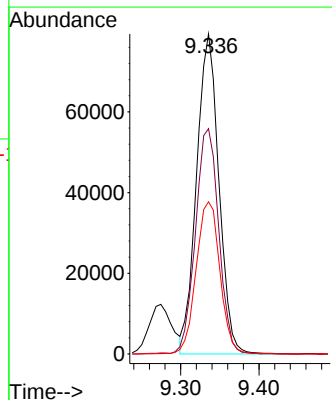
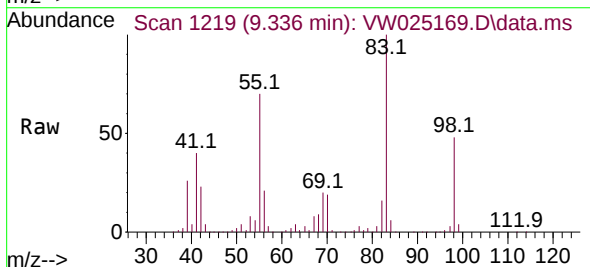


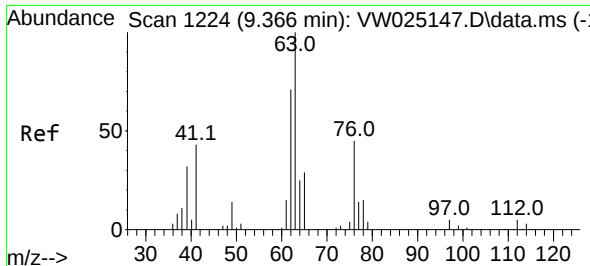
Tgt Ion:	95	Resp:	98325
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.3	82.3
132	87.9	63.0	117.0
130	102.8	63.4	117.8



#35
Methylcyclohexane
Concen: 21.414 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Tgt Ion:	83	Resp:	156991
Ion	Ratio	Lower	Upper
83	100		
55	73.4	59.3	88.9
98	50.6	38.6	57.8

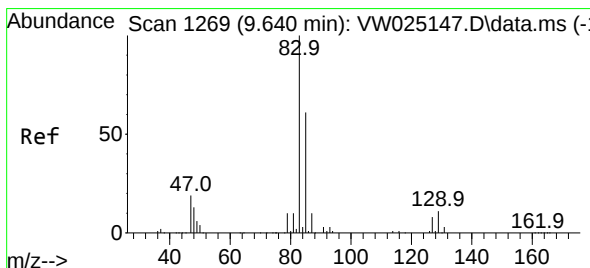
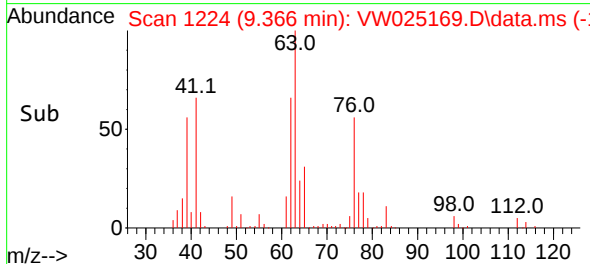
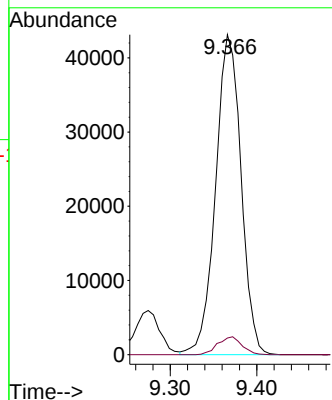
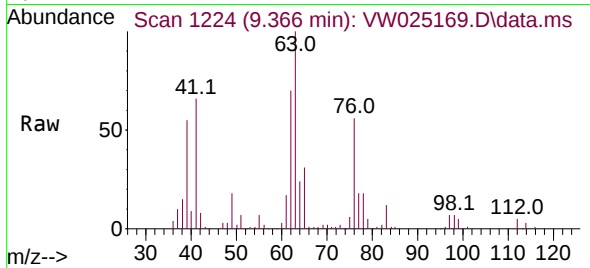




#37
1,2-Dichloropropane
Concen: 23.119 ug/L
RT: 9.366 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

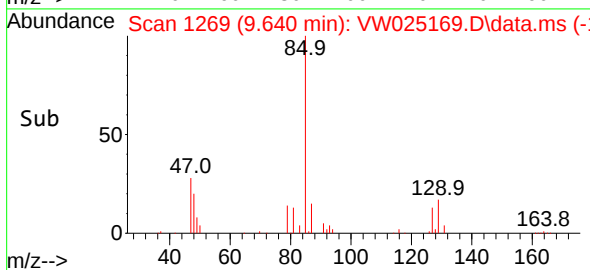
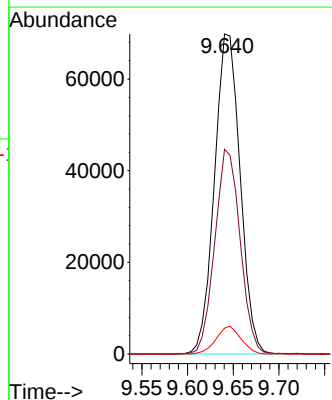
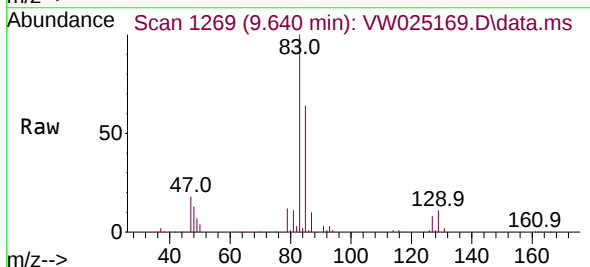
Instrument :
MSVOA_W
ClientSampleId :

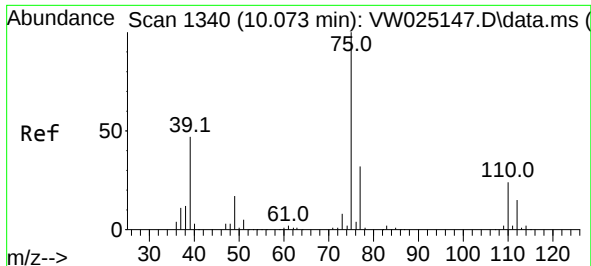
Tgt Ion: 63 Resp: 87986
Ion Ratio Lower Upper
63 100
112 5.3 3.4 5.2#



#38
Bromodichloromethane
Concen: 27.168 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Tgt Ion: 83 Resp: 136591
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.2
127 8.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.334 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

Instrument :

MSVOA_W

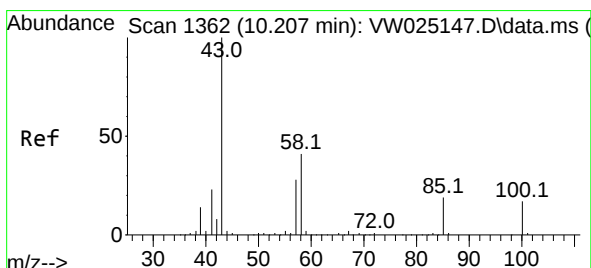
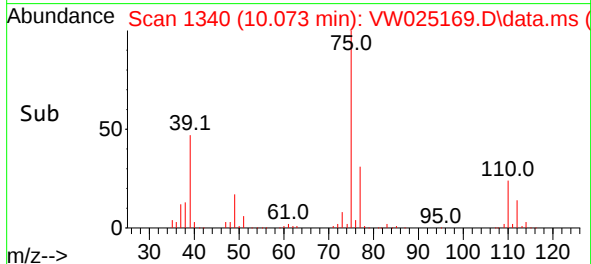
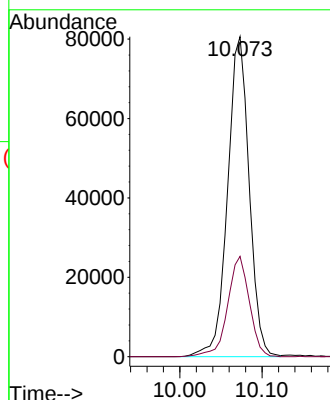
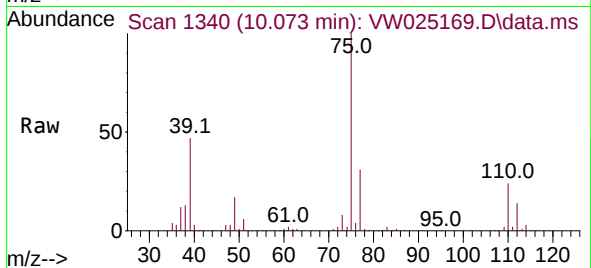
ClientSampleId :

Tgt Ion: 75 Resp: 147319

Ion Ratio Lower Upper

75 100

77 31.3 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 52.343 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

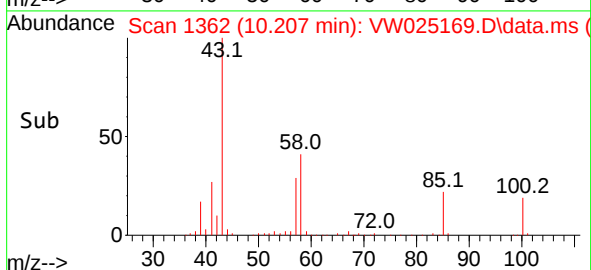
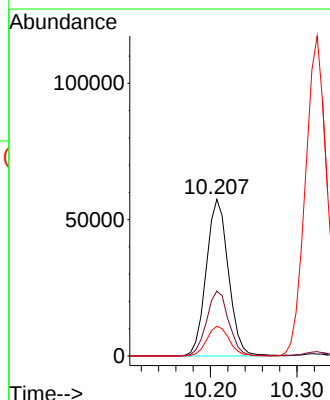
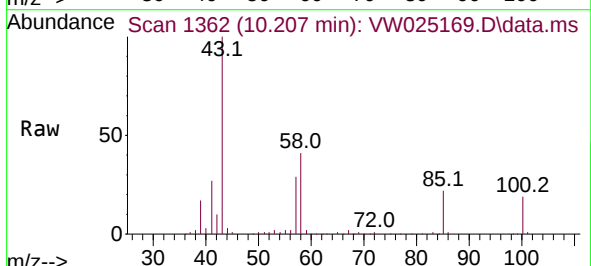
Tgt Ion: 43 Resp: 102117

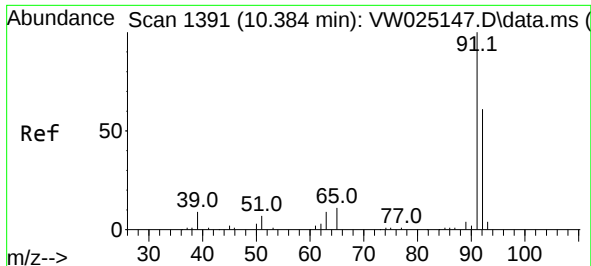
Ion Ratio Lower Upper

43 100

58 41.2 33.3 49.9

100 19.2 13.8 20.6

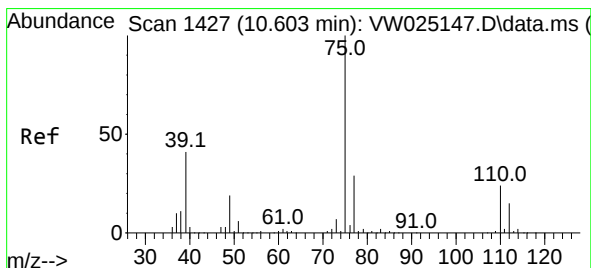
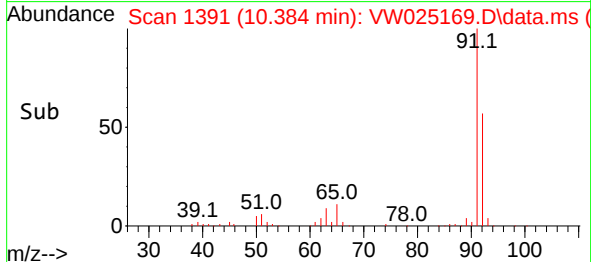
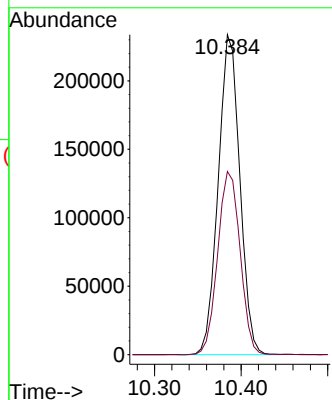
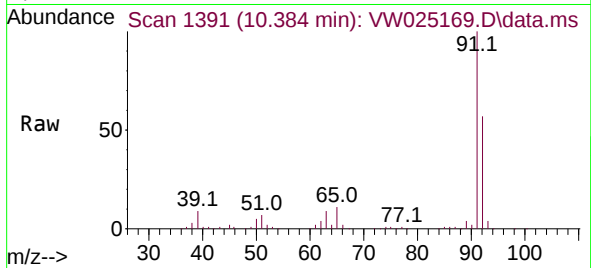




#42
Toluene
Concen: 24.490 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

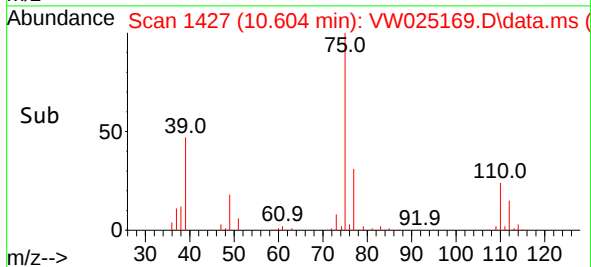
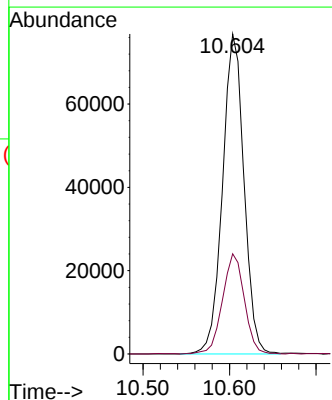
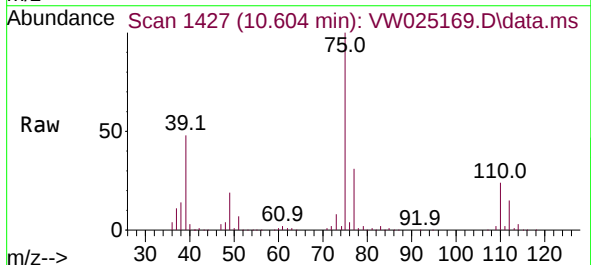
Instrument :
MSVOA_W
ClientSampleId :

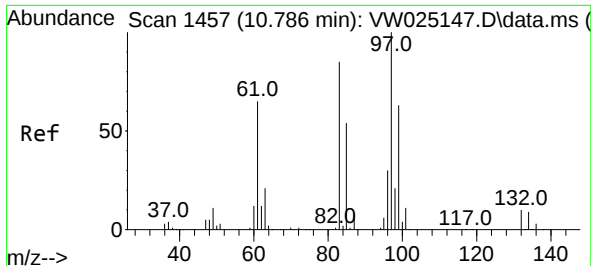
Tgt Ion: 91 Resp: 404876
Ion Ratio Lower Upper
91 100
92 57.2 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 26.486 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

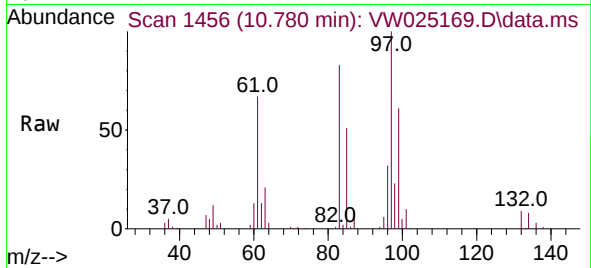
Tgt Ion: 75 Resp: 131900
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.7





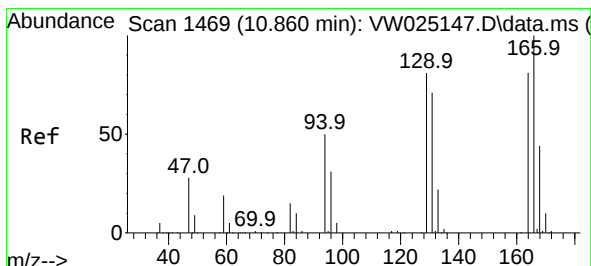
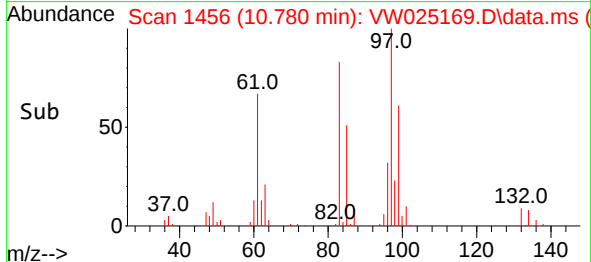
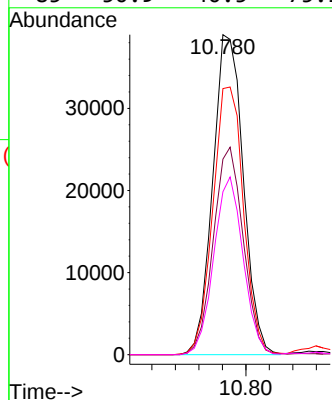
#45
1,1,2-Trichloroethane
Concen: 25.857 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 70225

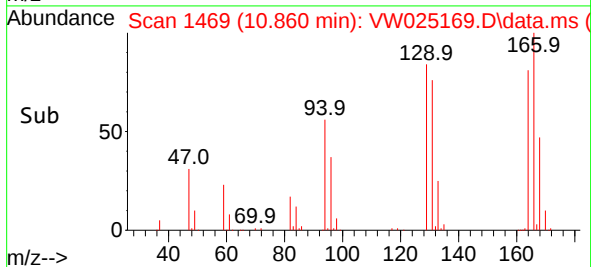
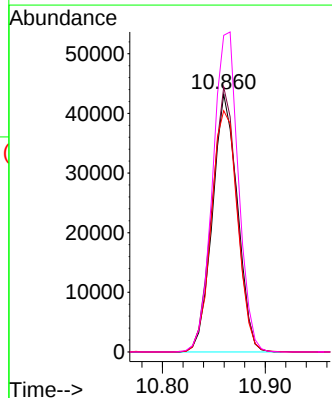
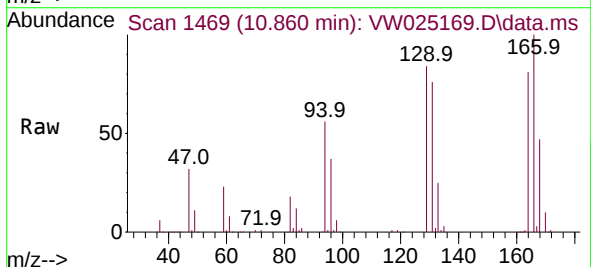
Ion	Ratio	Lower	Upper
97	100		
99	61.1	44.3	82.3
83	83.2	61.3	113.9
85	50.9	40.5	75.1

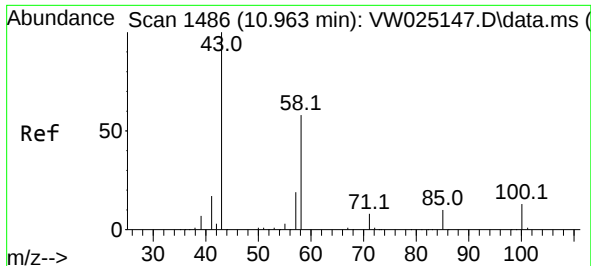


#46
Tetrachloroethene
Concen: 24.200 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Tgt Ion: 164 Resp: 72813

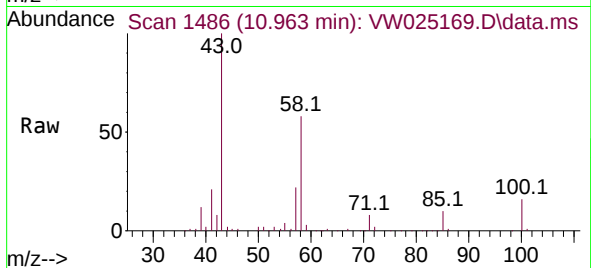
Ion	Ratio	Lower	Upper
164	100		
129	102.8	73.4	136.4
131	93.6	70.8	131.4
166	122.9	88.3	164.1



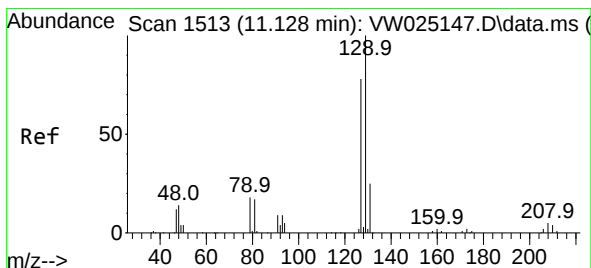
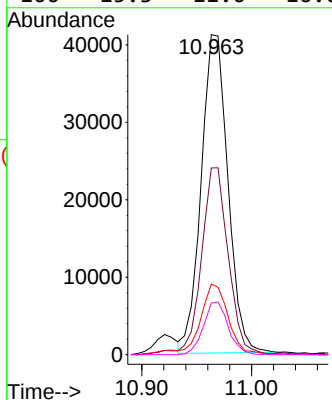
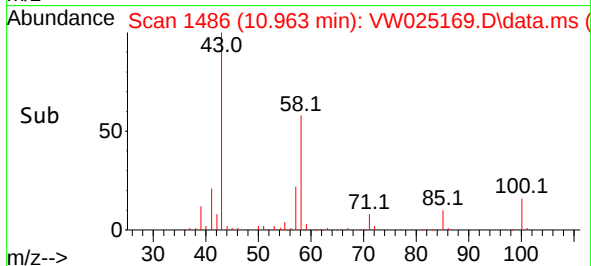


#48
2-Hexanone
Concen: 49.018 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

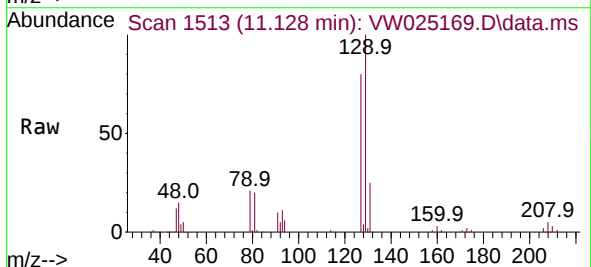
Instrument :
MSVOA_W
ClientSampleId :



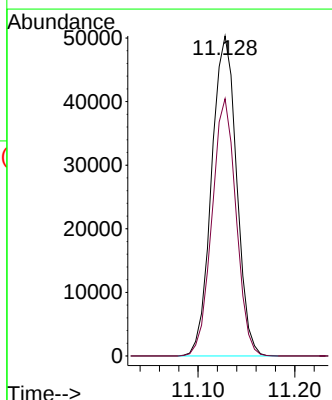
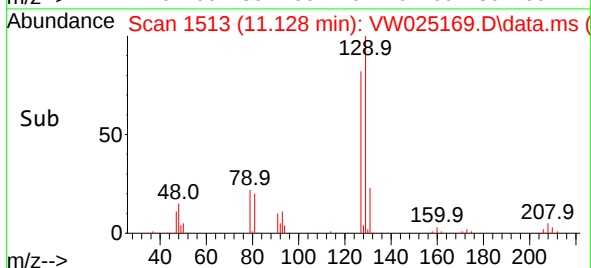
Tgt Ion:	43	Resp:	69850
Ion	Ratio	Lower	Upper
43	100		
58	57.9	46.6	69.8
57	22.4	16.7	25.1
100	15.3	11.0	16.6

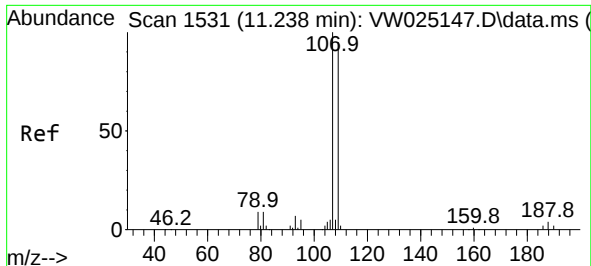


#49
Dibromochloromethane
Concen: 27.666 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45



Tgt Ion:	129	Resp:	90240
Ion	Ratio	Lower	Upper
129	100		
127	80.4	49.7	92.3





#50

1,2-Dibromoethane

Concen: 26.624 ug/L

RT: 11.232 min Scan# 11

Delta R.T. -0.006 min

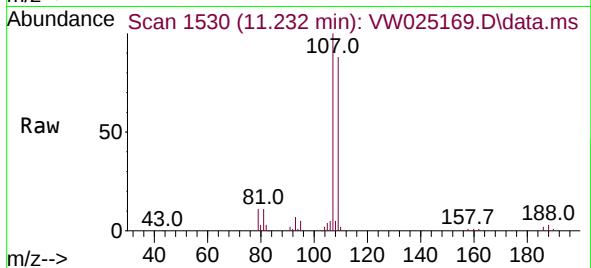
Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

Instrument :

MSVOA_W

ClientSampleId :



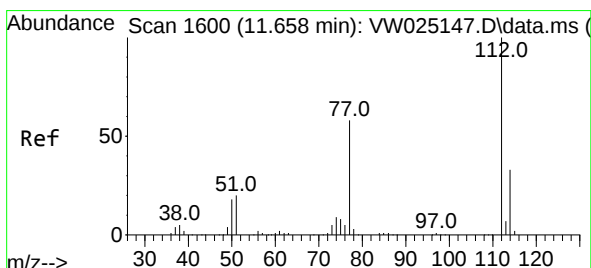
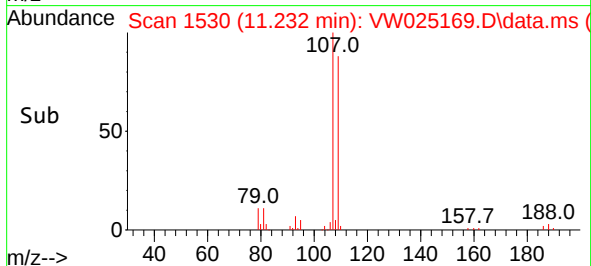
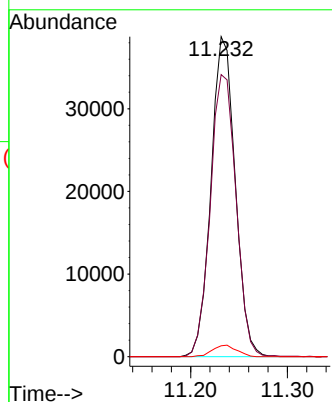
Tgt Ion:107 Resp: 67322

Ion Ratio Lower Upper

107 100

109 88.2 66.8 124.2

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 24.756 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

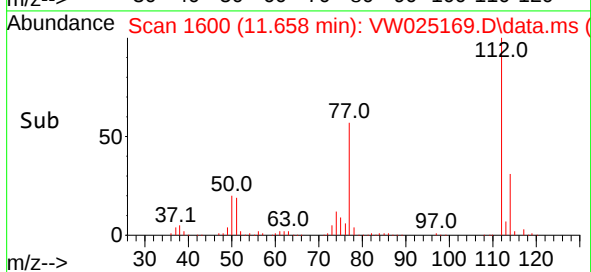
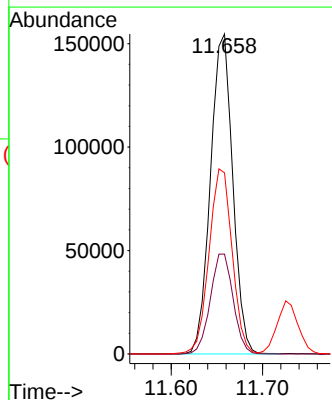
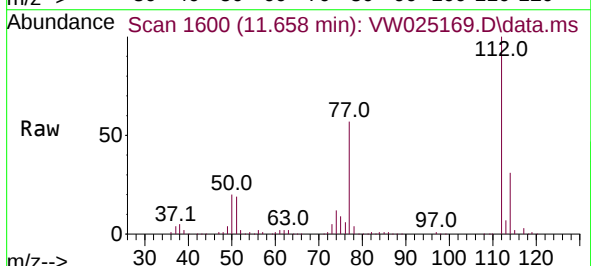
Tgt Ion:112 Resp: 261928

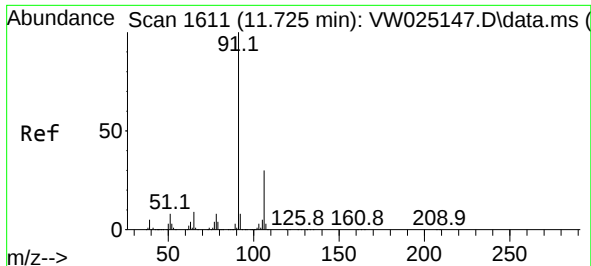
Ion Ratio Lower Upper

112 100

114 31.2 23.2 43.2

77 56.6 47.2 70.8

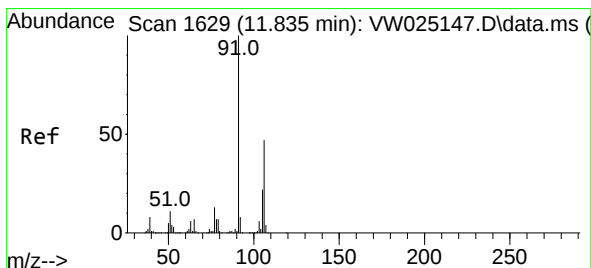
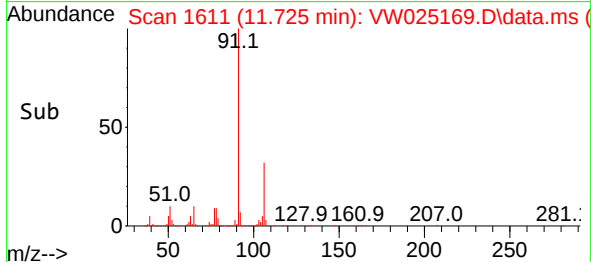
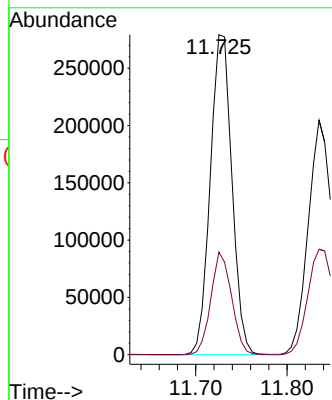
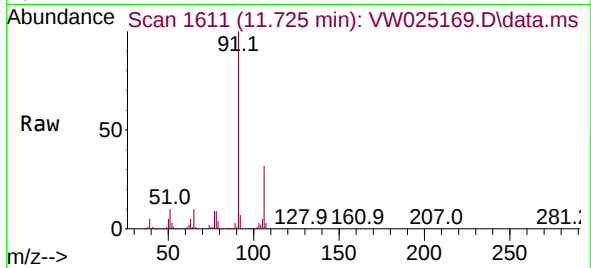




#52
Ethylbenzene
Concen: 24.555 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

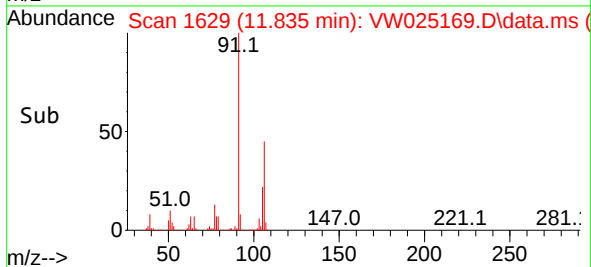
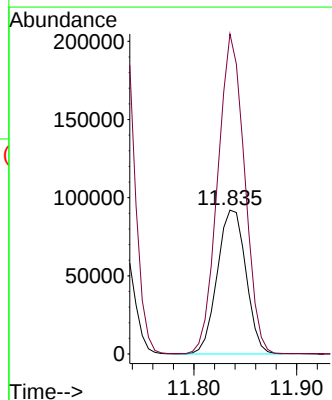
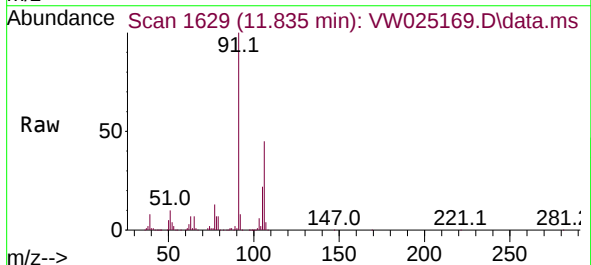
Instrument :
MSVOA_W
ClientSampleId :

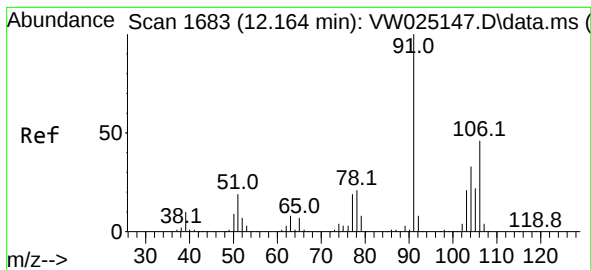
Tgt Ion: 91 Resp: 460054
Ion Ratio Lower Upper
91 100
106 32.1 21.9 40.7



#53
m,p-Xylene
Concen: 24.928 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Tgt Ion:106 Resp: 178354
Ion Ratio Lower Upper
106 100
91 222.3 139.7 259.4





#54

o-Xylene

Concen: 25.158 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

Instrument :

MSVOA_W

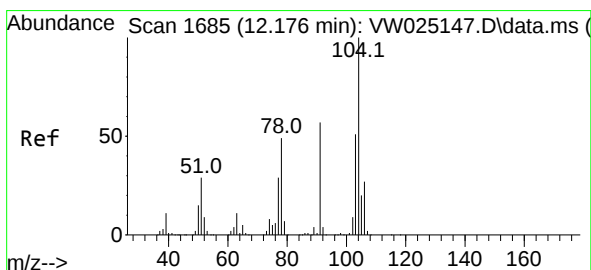
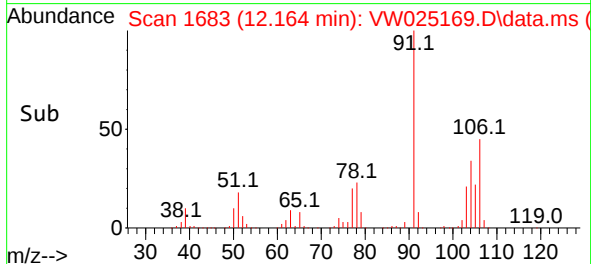
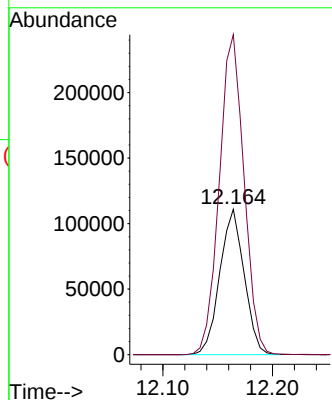
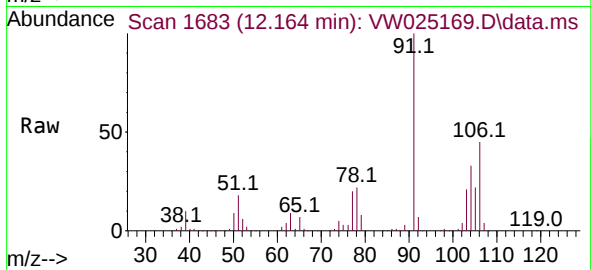
ClientSampleId :

Tgt Ion:106 Resp: 171551

Ion Ratio Lower Upper

106 100

91 220.1 148.8 276.4



#55

Styrene

Concen: 25.029 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025169.D

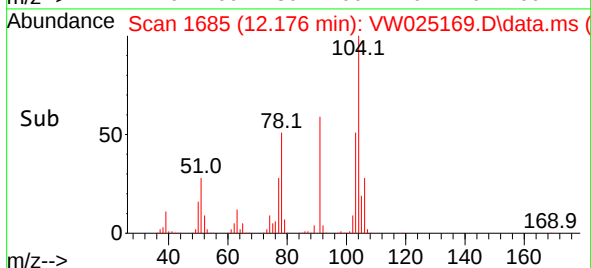
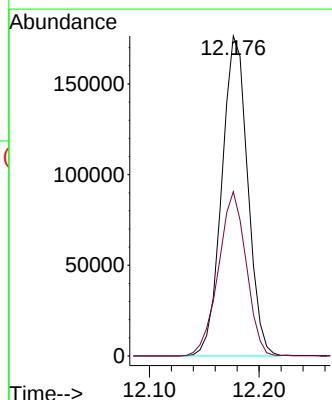
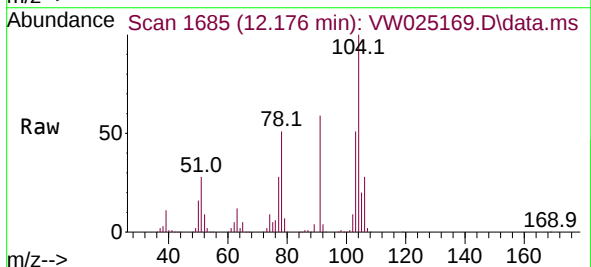
Acq: 22 Dec 2022 19:45

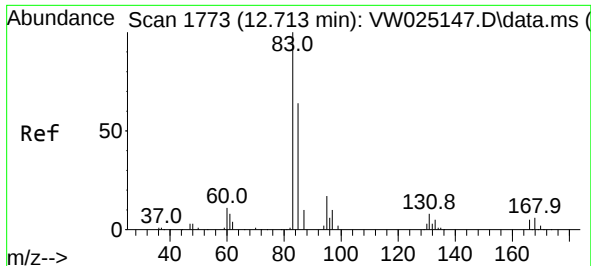
Tgt Ion:104 Resp: 289025

Ion Ratio Lower Upper

104 100

78 51.3 34.4 63.8

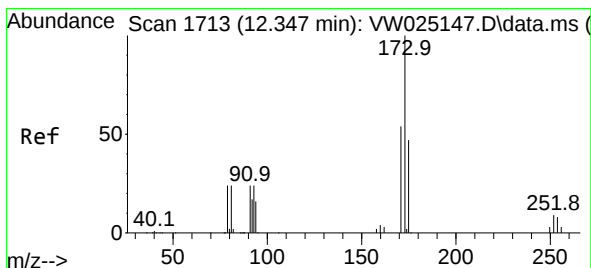
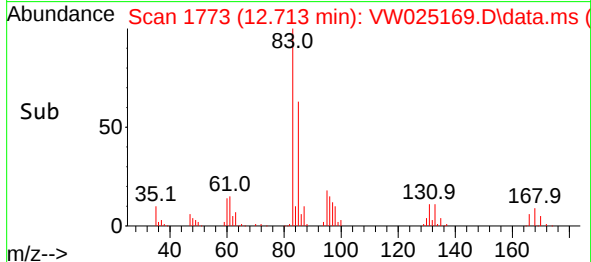
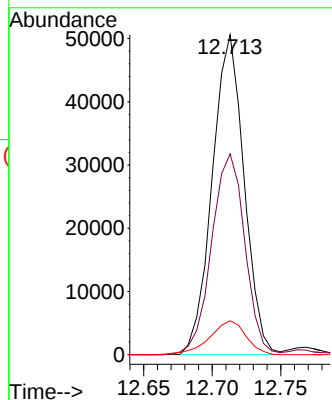
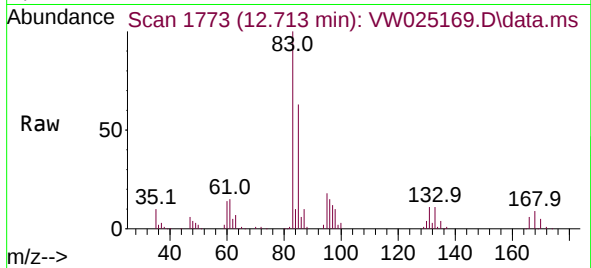




#57
1,1,2,2-Tetrachloroethane
Concen: 25.764 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

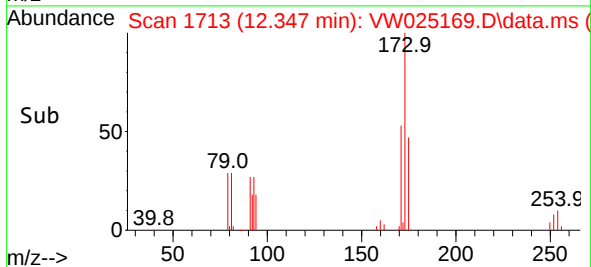
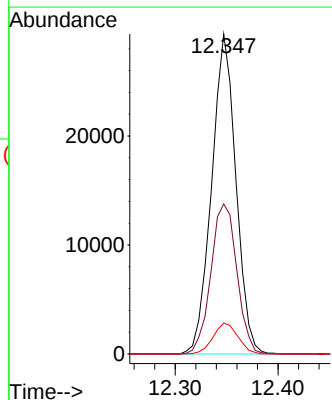
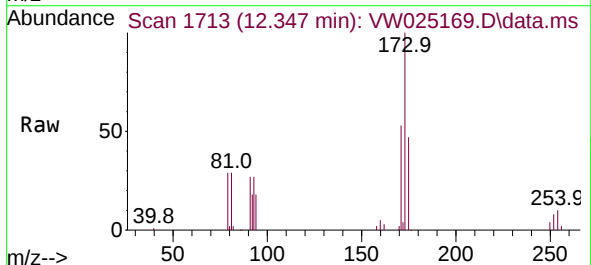
Instrument :
MSVOA_W
ClientSampleId :

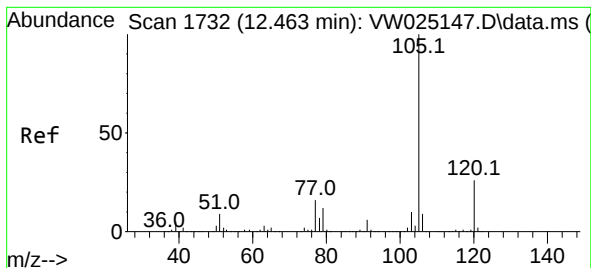
Tgt Ion: 83 Resp: 81830
Ion Ratio Lower Upper
83 100
85 62.7 46.8 87.0
131 10.6 8.2 12.2



#59
Bromoform
Concen: 27.298 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Tgt Ion: 173 Resp: 48201
Ion Ratio Lower Upper
173 100
175 50.1 37.4 56.0
254 9.9 6.8 10.2





#60

Isopropylbenzene

Concen: 23.784 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

Instrument :

MSVOA_W

ClientSampleId :

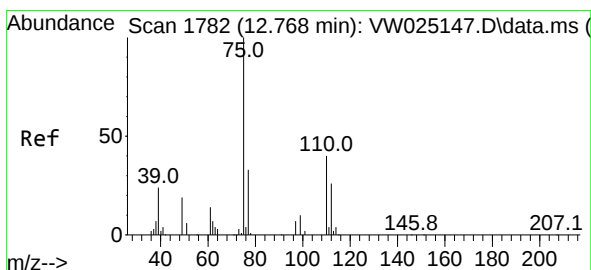
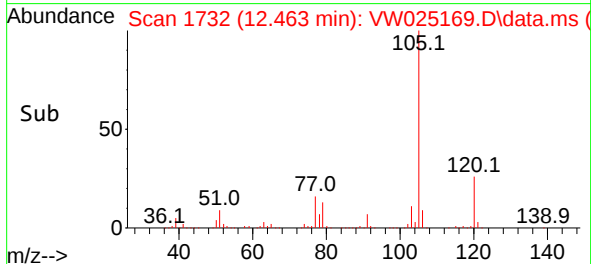
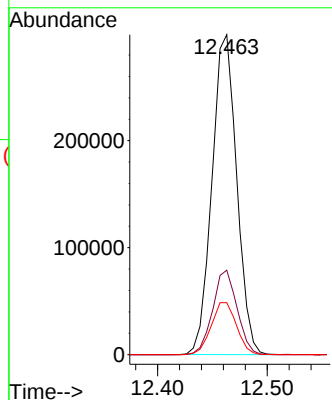
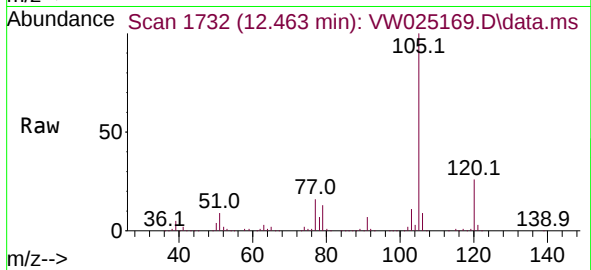
Tgt Ion:105 Resp: 468766

Ion Ratio Lower Upper

105 100

120 26.1 20.6 31.0

77 16.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 25.411 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

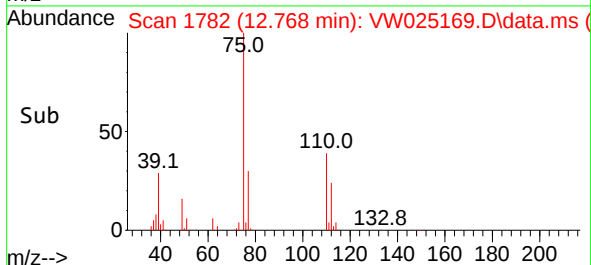
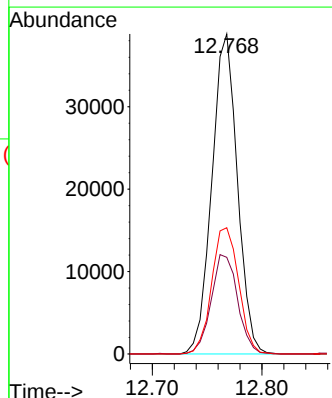
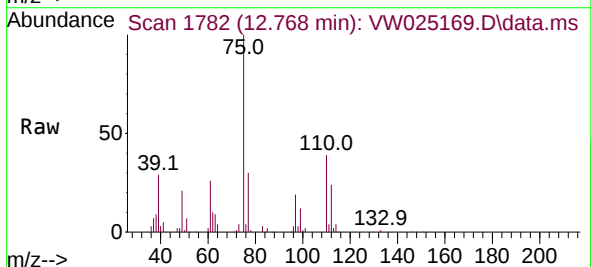
Tgt Ion: 75 Resp: 62803

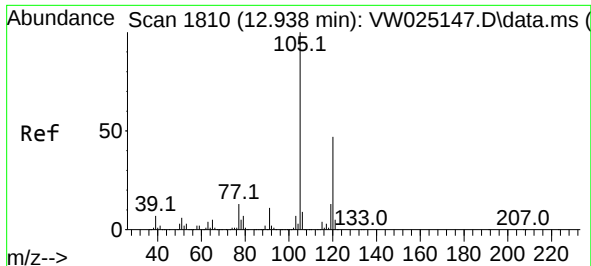
Ion Ratio Lower Upper

75 100

77 32.2 26.6 40.0

110 41.7 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 24.878 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

Instrument :

MSVOA_W

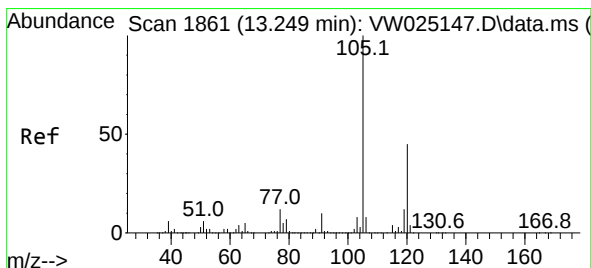
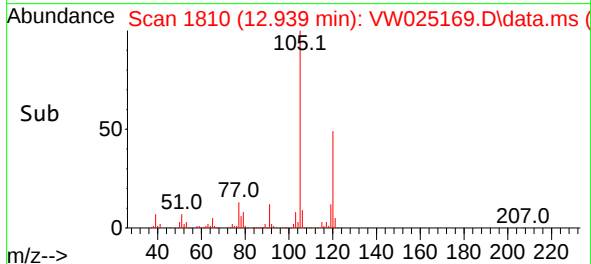
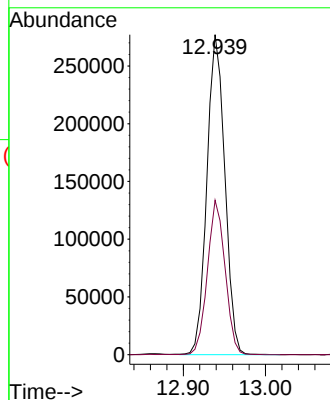
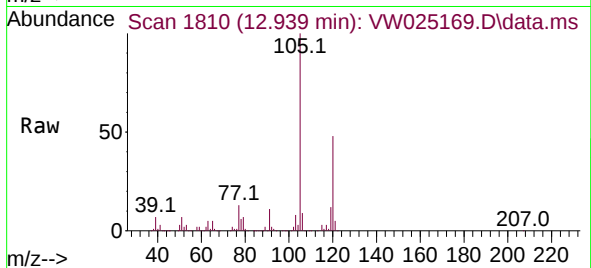
ClientSampleId :

Tgt Ion:105 Resp: 419995

Ion Ratio Lower Upper

105 100

120 47.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 25.597 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW025169.D

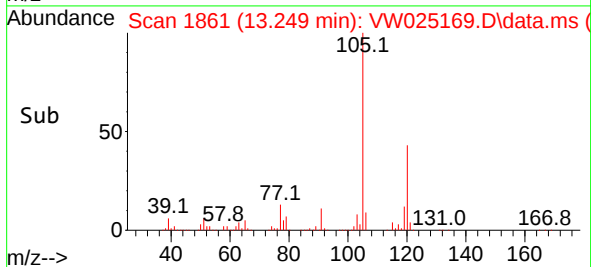
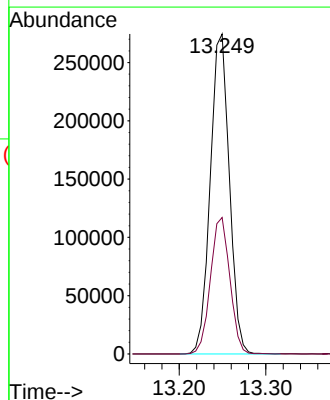
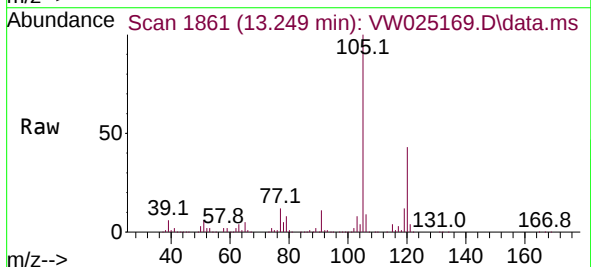
Acq: 22 Dec 2022 19:45

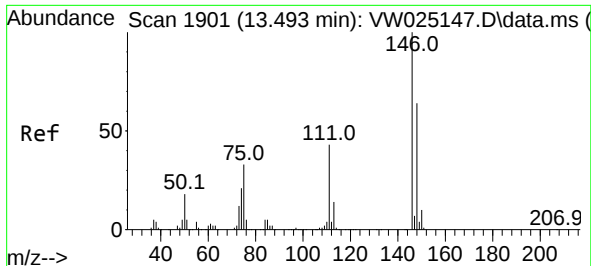
Tgt Ion:105 Resp: 419805

Ion Ratio Lower Upper

105 100

120 43.4 36.1 54.1

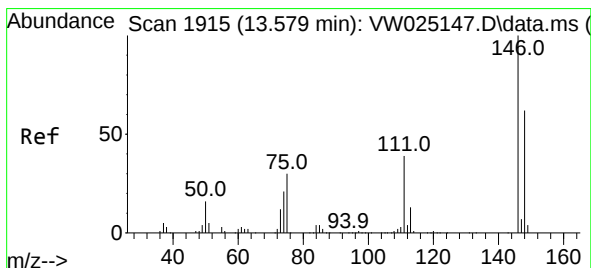
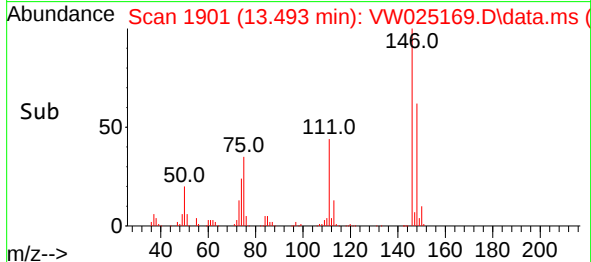
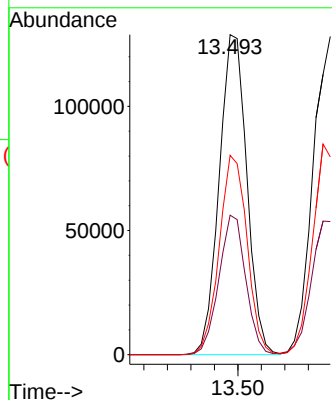
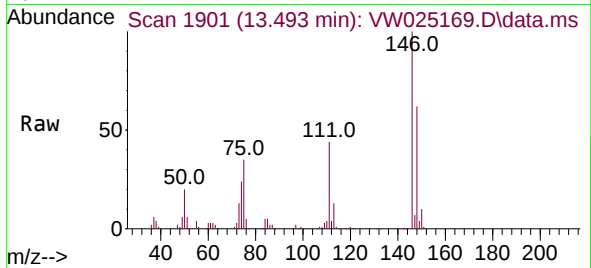




#64
1,3-Dichlorobenzene
Concen: 26.171 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

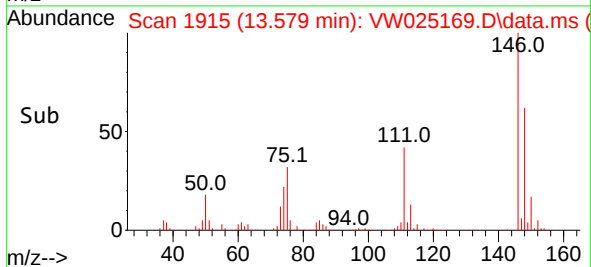
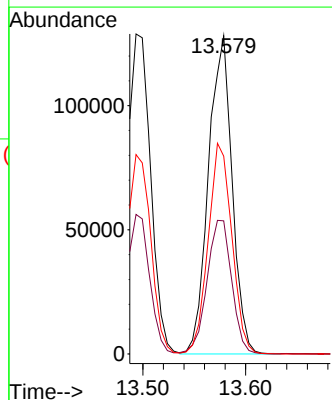
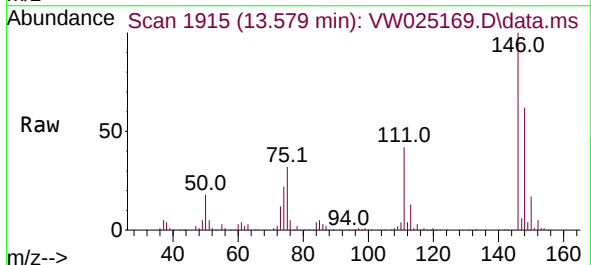
Instrument :
MSVOA_W
ClientSampleId :

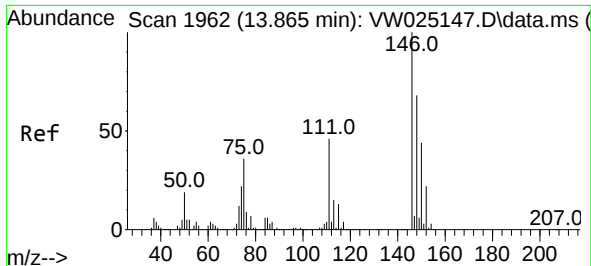
Tgt Ion:146 Resp: 211164
Ion Ratio Lower Upper
146 100
111 43.6 30.2 56.0
148 62.3 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 25.263 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025169.D
Acq: 22 Dec 2022 19:45

Tgt Ion:146 Resp: 205280
Ion Ratio Lower Upper
146 100
111 41.8 27.4 51.0
148 62.2 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 27.106 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

Instrument :

MSVOA_W

ClientSampleId :

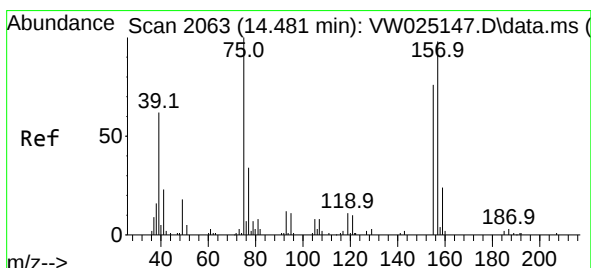
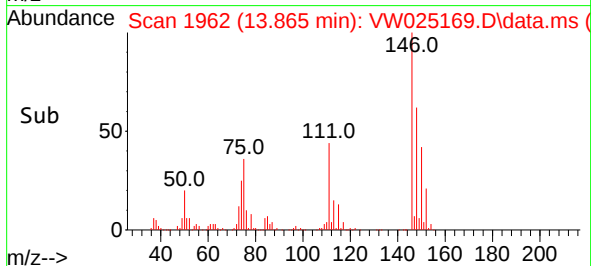
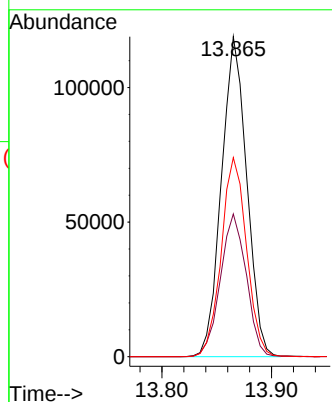
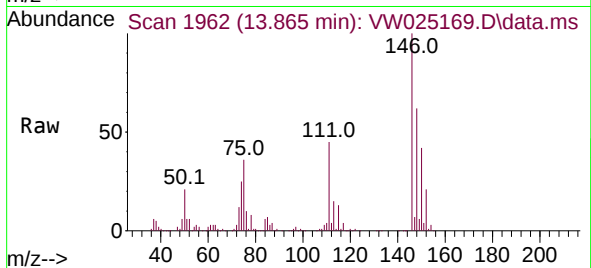
Tgt Ion:146 Resp: 190733

Ion Ratio Lower Upper

146 100

111 44.6 34.3 51.5

148 62.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 29.164 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

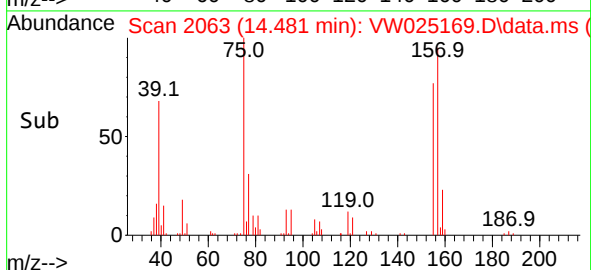
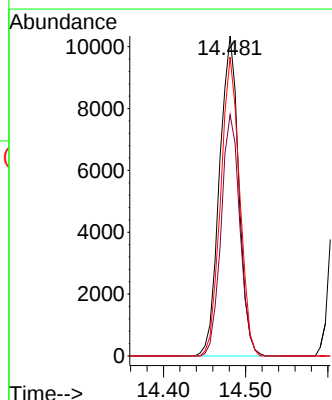
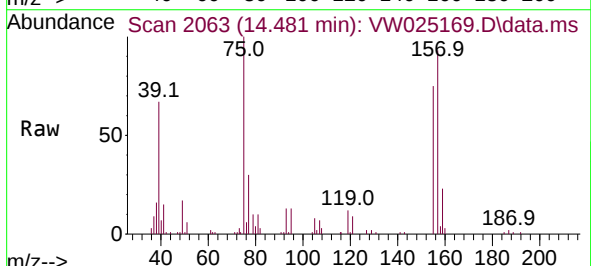
Tgt Ion: 75 Resp: 16805

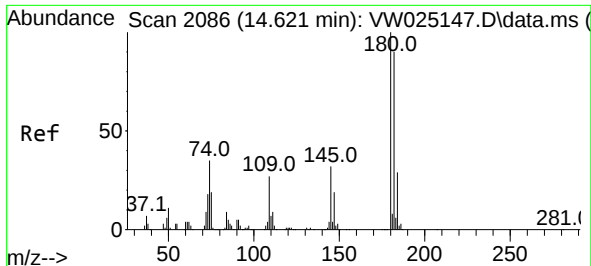
Ion Ratio Lower Upper

75 100

155 75.4 60.3 90.5

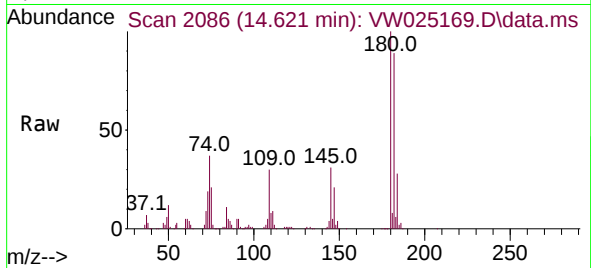
157 93.4 84.9 127.3



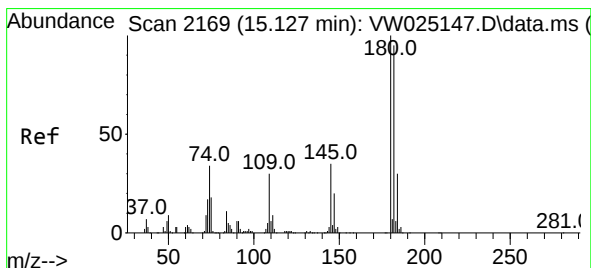
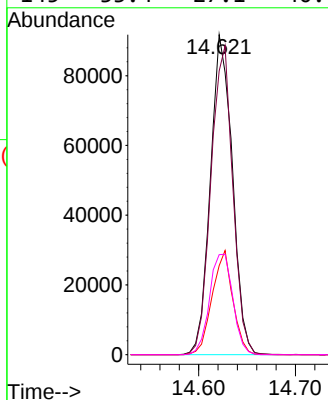
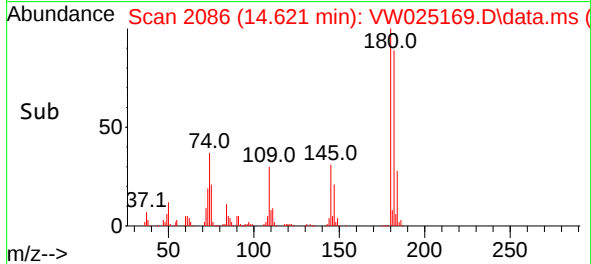


#69
 1,3,5-Trichlorobenzene
 Concen: 25.279 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW025169.D
 Acq: 22 Dec 2022 19:45

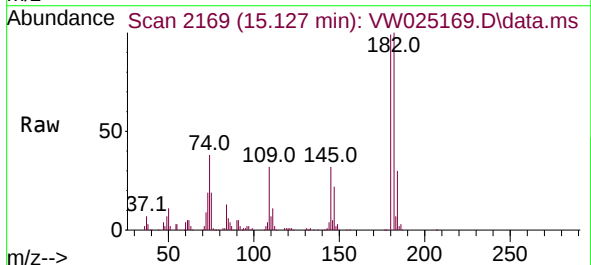
Instrument :
 MSVOA_W
 ClientSampleId :



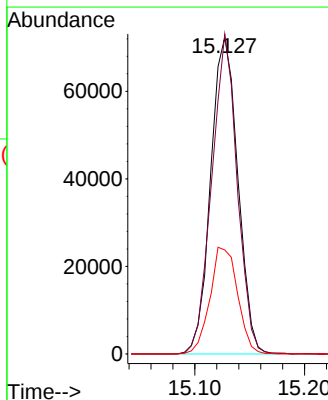
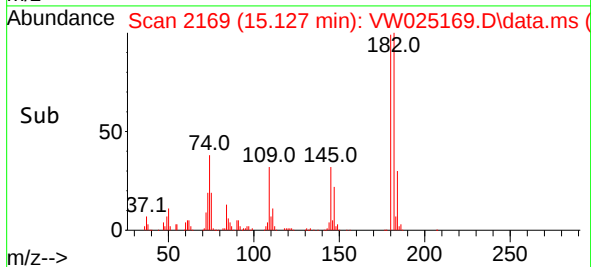
Tgt Ion:180 Resp: 144829
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.8 116.6
 184 30.6 24.3 36.5
 145 33.4 27.1 40.7

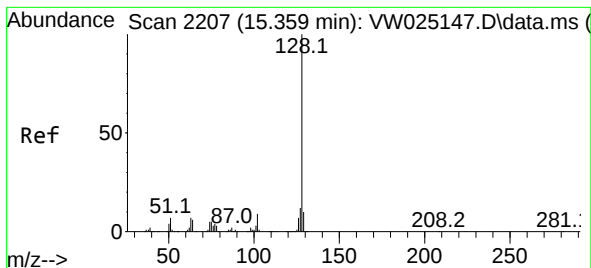


#70
 1,2,4-trichlorobenzene
 Concen: 27.094 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW025169.D
 Acq: 22 Dec 2022 19:45



Tgt Ion:180 Resp: 124550
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.2 115.8
 145 34.3 26.9 40.3





#71

Naphthalene

Concen: 30.921 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

Instrument :

MSVOA_W

ClientSampleId :

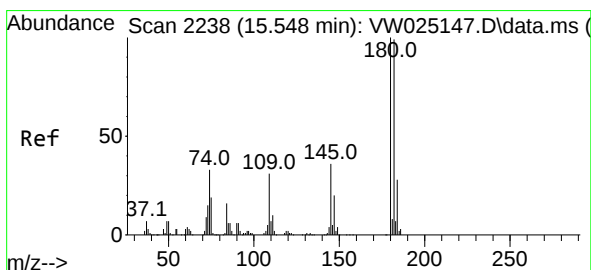
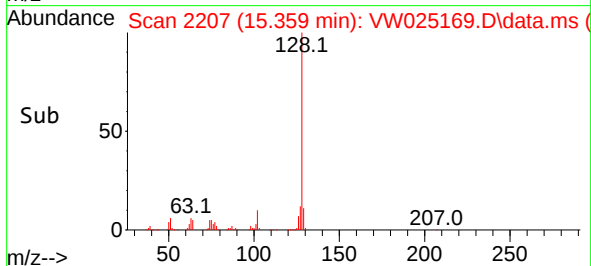
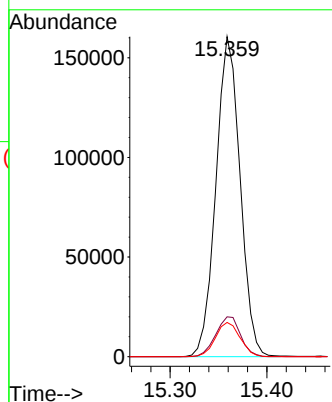
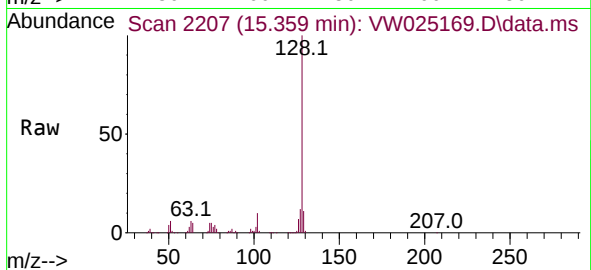
Tgt Ion:128 Resp: 278645

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 28.632 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025169.D

Acq: 22 Dec 2022 19:45

Tgt Ion:180 Resp: 115347

Ion Ratio Lower Upper

180 100

182 91.5 76.4 114.6

145 35.9 29.6 44.4

