

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111622\
 Data File : VW025062.D
 Acq On : 16 Nov 2022 16:50
 Operator : SY/VA
 Sample : N5658-02MS
 Misc : 5.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQT3MS

Quant Time: Nov 17 00:41:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 00:39:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	434131	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	397708	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	190110	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84060	17.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.000%
7) Chloroethane-d5	2.885	69	61536	21.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.240%
11) 1,1-Dichloroethene-d2	4.019	63	207198	17.070	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.280%
21) 2-Butanone-d5	7.074	46	81495	49.554	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.100%
24) Chloroform-d	7.653	84	265167	20.126	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.520%
26) 1,2-Dichloroethane-d4	8.305	65	139705	18.943	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.760%
32) Benzene-d6	8.275	84	509656	19.993	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.960%
36) 1,2-Dichloropropane-d6	9.274	67	162583	21.767	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.080%
41) Toluene-d8	10.323	98	454287	19.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.560%
43) trans-1,3-Dichloroprop...	10.579	79	62782	18.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.840%
47) 2-Hexanone-d5	10.920	63	63673	49.350	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	140003	23.475	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	13.847	152	144936	19.838	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	18202	12.570	ug/L	98
3) Chloromethane	2.215	50	79906	22.943	ug/L	97
5) Vinyl chloride	2.361	62	113115	23.506	ug/L	96
6) Bromomethane	2.776	94	51787	21.565	ug/L	97
8) Chloroethane	2.922	64	51861	25.835	ug/L	94
9) Trichlorofluoromethane	3.257	101	74924	18.560	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	117976	20.637	ug/L	97
12) 1,1-Dichloroethene	4.038	96	112379	20.868	ug/L	91
13) Acetone	4.123	43	66070	56.552	ug/L	98
14) Carbon disulfide	4.385	76	295393	18.778	ug/L	99
15) Methyl Acetate	4.678	43	57082	24.541	ug/L	99
16) Methylene chloride	4.922	84	145838	18.920	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	121919	21.143	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	212787	21.998	ug/L	98
19) 1,1-Dichloroethane	6.220	63	238547	22.344	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	138210	21.990	ug/L	99
22) 2-Butanone	7.171	43	83555	47.734	ug/L	97
23) Bromochloromethane	7.519	128	61741	22.660	ug/L	95
25) Chloroform	7.677	83	245204	21.762	ug/L	94

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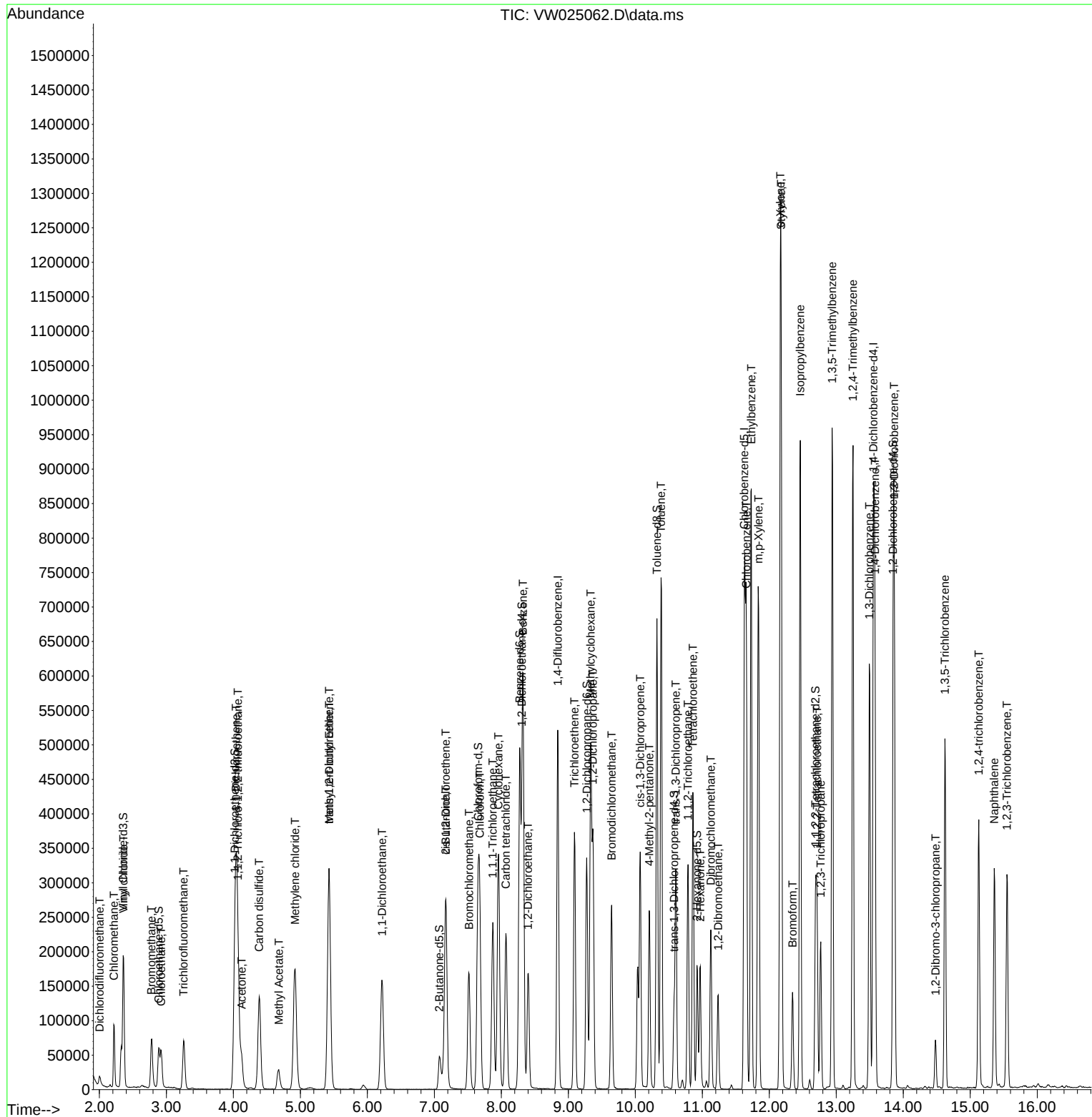
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	155449	20.340	ug/L	98
29) Cyclohexane	7.958	56	196687	20.944	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	194531	19.988	ug/L	100
31) Carbon tetrachloride	8.067	117	173244	19.920	ug/L	100
33) Benzene	8.323	78	531148	22.178	ug/L	100
34) Trichloroethene	9.092	95	132869	20.957	ug/L	95
35) Methylcyclohexane	9.335	83	208034	19.311	ug/L	99
37) 1,2-Dichloropropane	9.366	63	137415	23.640	ug/L	100
38) Bromodichloromethane	9.646	83	181246	22.341	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	207051	22.532	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	164959	48.359	ug/L	99
42) Toluene	10.384	91	553740	21.778	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	181820	22.256	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	105669	24.076	ug/L	97
46) Tetrachloroethene	10.860	164	93161	20.547	ug/L	91
48) 2-Hexanone	10.969	43	112848	47.836	ug/L	99
49) Dibromochloromethane	11.128	129	122115	22.826	ug/L	96
50) 1,2-Dibromoethane	11.238	107	95337	22.968	ug/L	95
51) Chlorobenzene	11.658	112	360976	21.902	ug/L	96
52) Ethylbenzene	11.731	91	629417	21.445	ug/L	97
53) m,p-Xylene	11.841	106	242525	21.347	ug/L	91
54) o-Xylene	12.164	106	230147	21.473	ug/L	95
55) Styrene	12.176	104	400588	21.519	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	125846	23.902	ug/L	98
59) Bromoform	12.347	173	63995	23.800	ug/L	98
60) Isopropylbenzene	12.463	105	615866	21.547	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	91216	23.882	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	522715	21.068	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	510613	20.987	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	253417	21.258	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	250813	21.086	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	231457	21.594	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	19229	21.786	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	145059	18.372	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	116512	18.986	ug/L	99
71) Naphthalene	15.359	128	272289	21.033	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	99114	18.536	ug/L	97

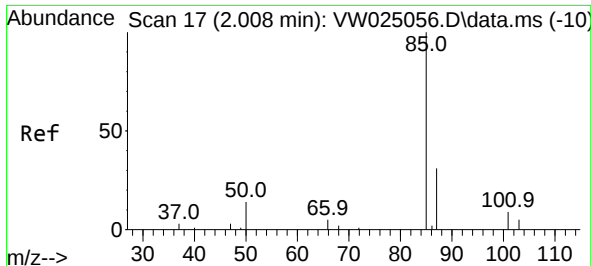
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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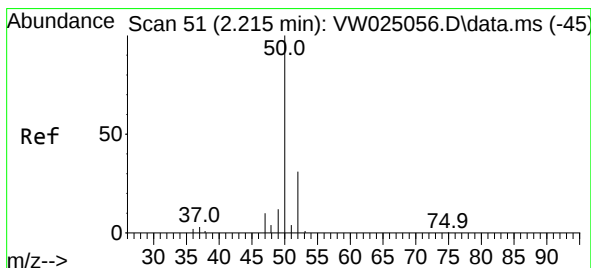
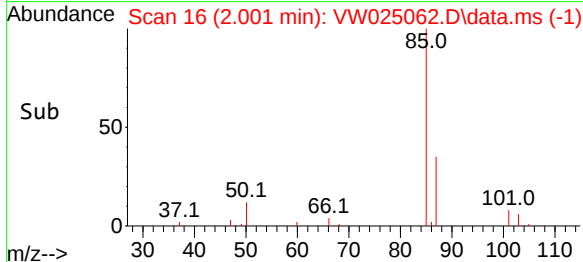
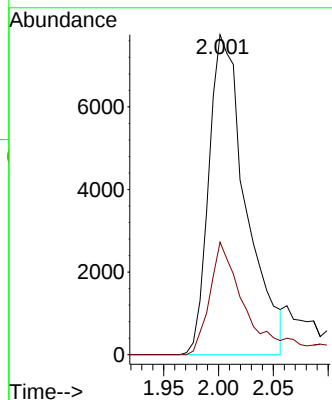
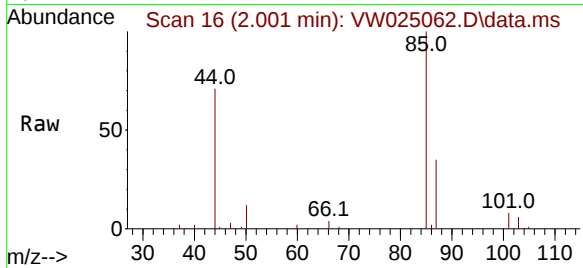




#2
Dichlorodifluoromethane
Concen: 12.570 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

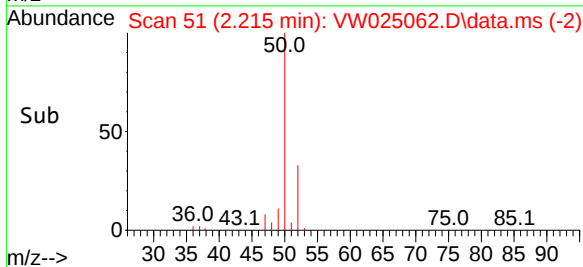
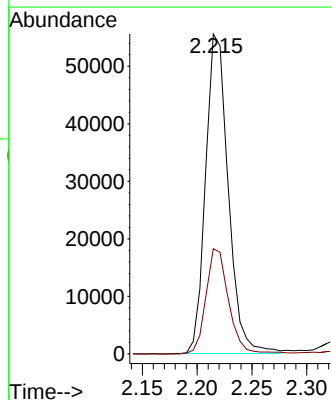
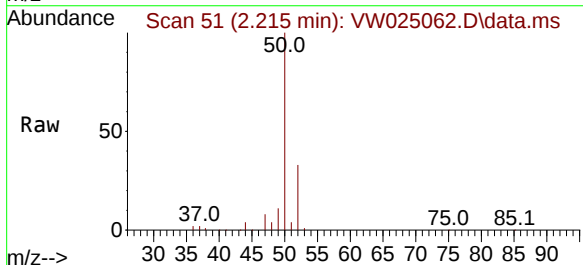
Instrument :
MSVOA_W
ClientSampleId :
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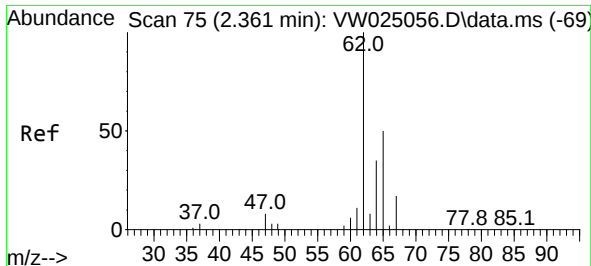
Tgt Ion: 85 Resp: 18202
Ion Ratio Lower Upper
85 100
87 31.2 25.9 38.9



#3
Chloromethane
Concen: 22.943 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion: 50 Resp: 79906
Ion Ratio Lower Upper
50 100
52 32.9 24.1 44.8

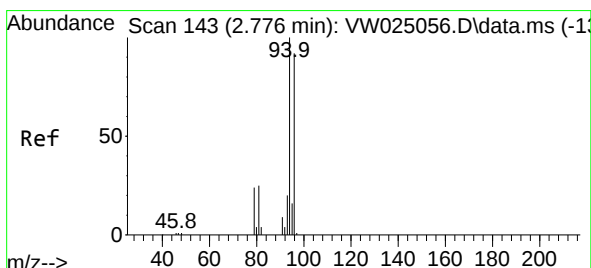
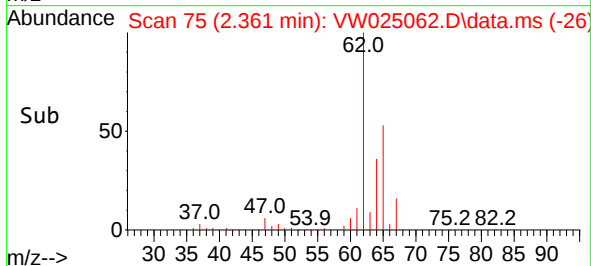
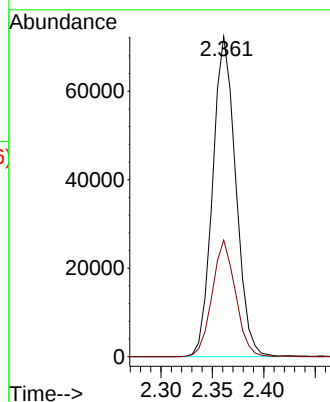
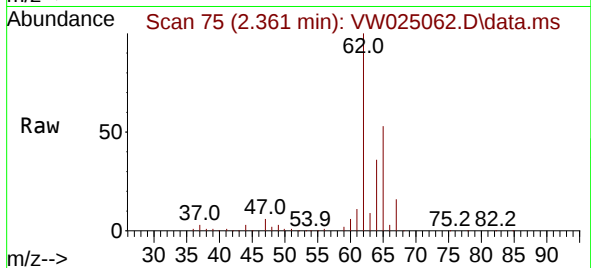




#5
 Vinyl chloride
 Concen: 23.506 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW025062.D
 Acq: 16 Nov 2022 16:50

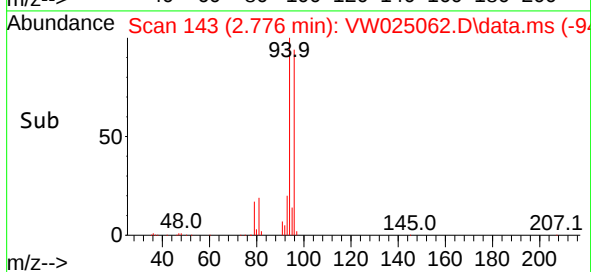
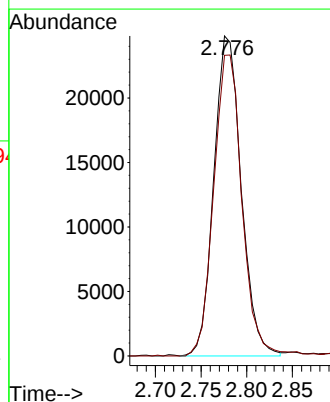
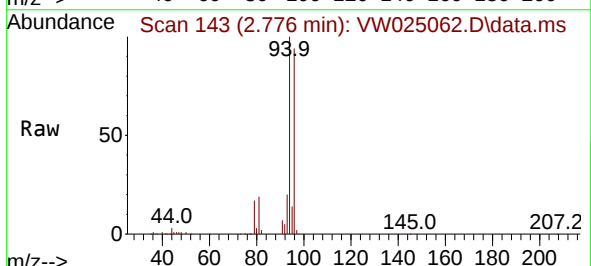
Instrument :
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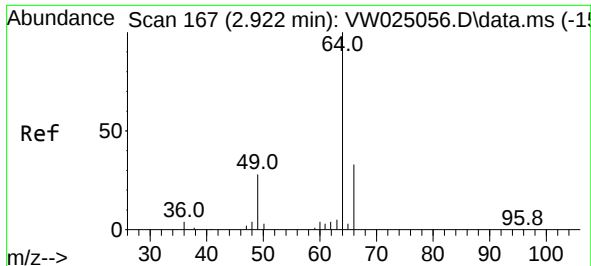
Tgt Ion: 62 Resp: 113115
 Ion Ratio Lower Upper
 62 100
 64 36.5 27.2 50.6



#6
 Bromomethane
 Concen: 21.565 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW025062.D
 Acq: 16 Nov 2022 16:50

Tgt Ion: 94 Resp: 51787
 Ion Ratio Lower Upper
 94 100
 96 93.9 63.8 118.6

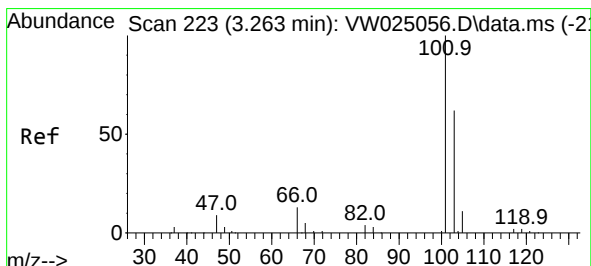
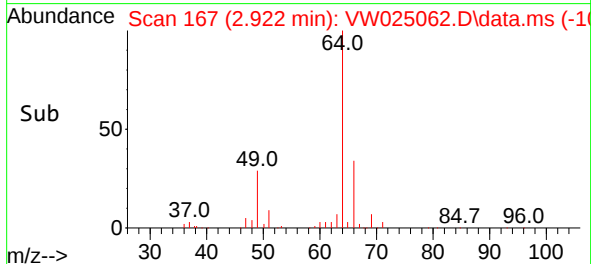
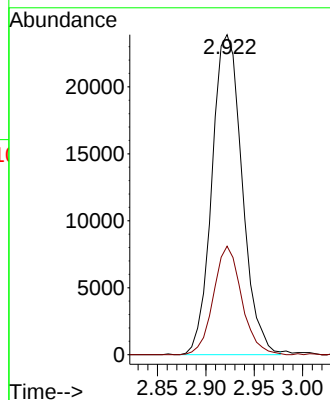
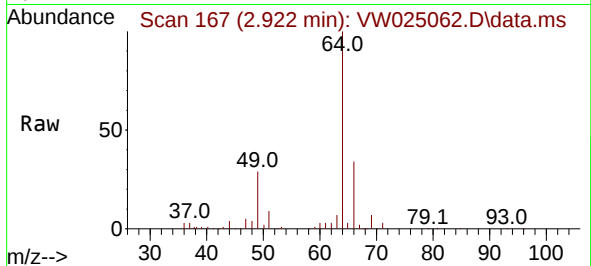




#8
Chloroethane
Concen: 25.835 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

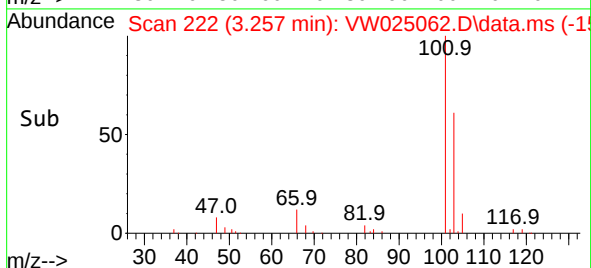
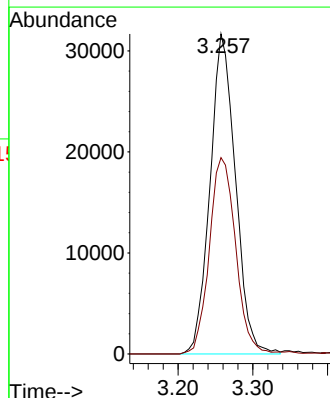
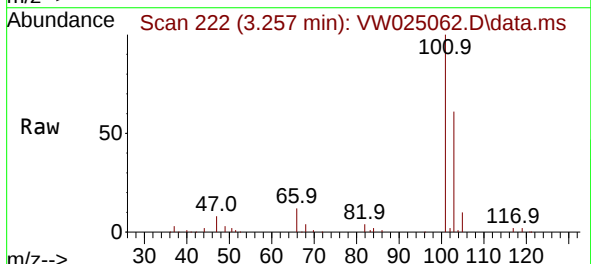
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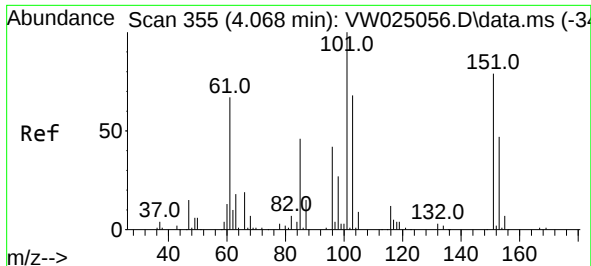
Tgt Ion: 64 Resp: 51861
Ion Ratio Lower Upper
64 100
66 33.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 18.560 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion: 101 Resp: 74924
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.0

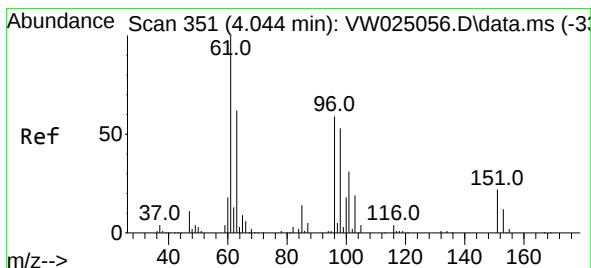
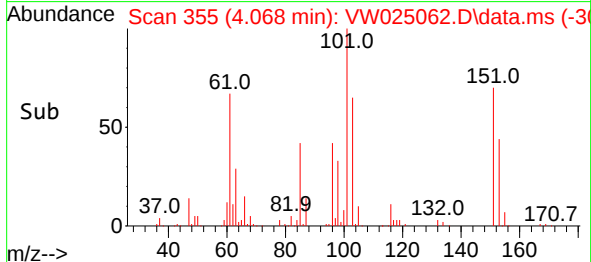
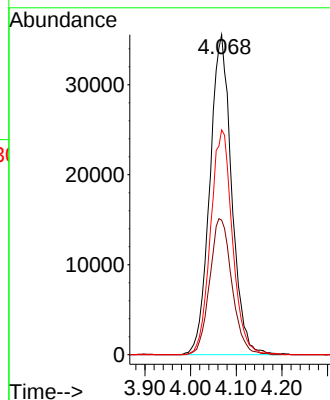
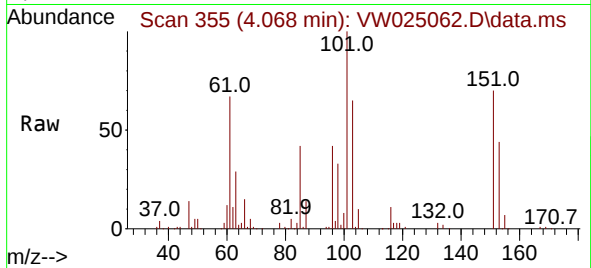




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.637 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW025062.D
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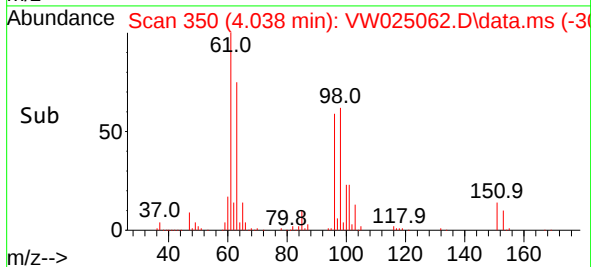
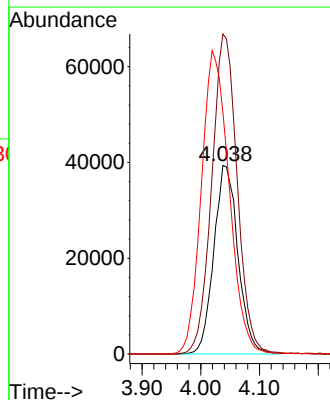
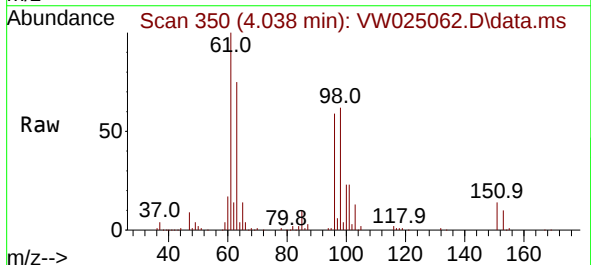
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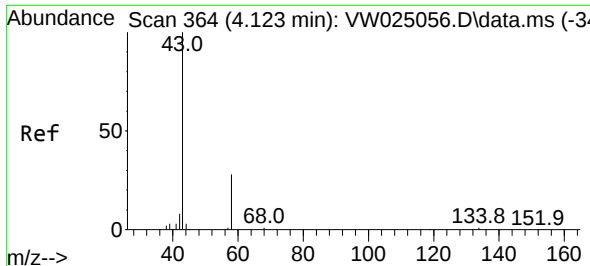
Tgt Ion:101 Resp: 117976
 Ion Ratio Lower Upper
 101 100
 85 43.2 36.5 54.7
 151 70.1 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 20.868 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025062.D
 Acq: 16 Nov 2022 16:50

Tgt Ion: 96 Resp: 112379
 Ion Ratio Lower Upper
 96 100
 61 169.8 126.2 234.4
 63 128.2 98.3 182.7

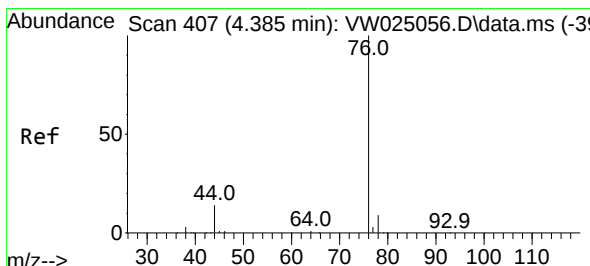
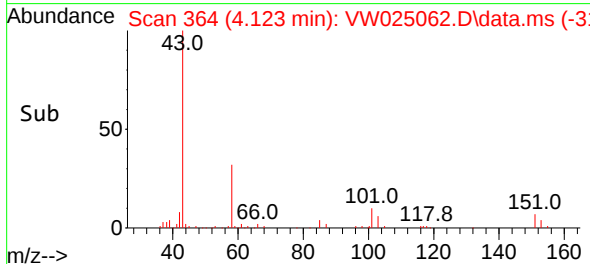
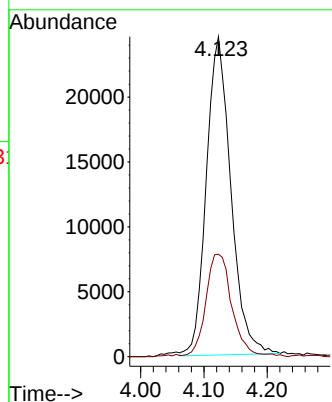
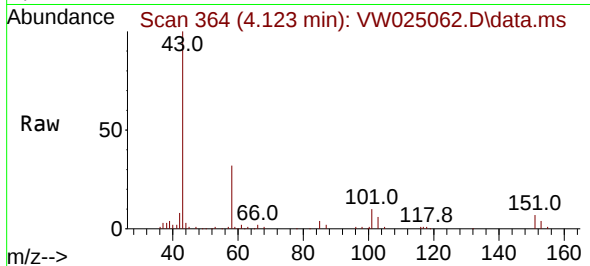




#13
Acetone
Concen: 56.552 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
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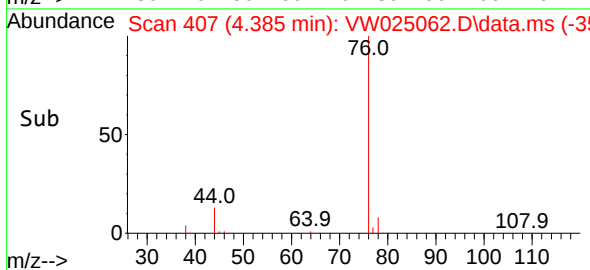
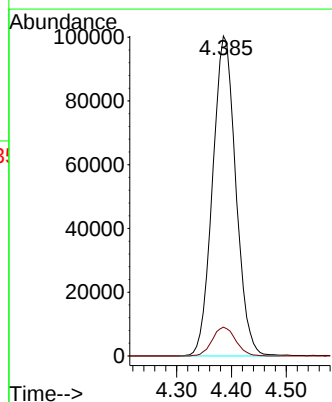
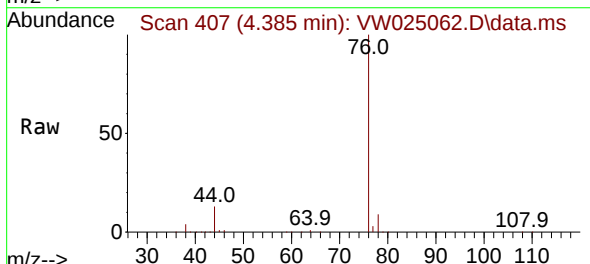
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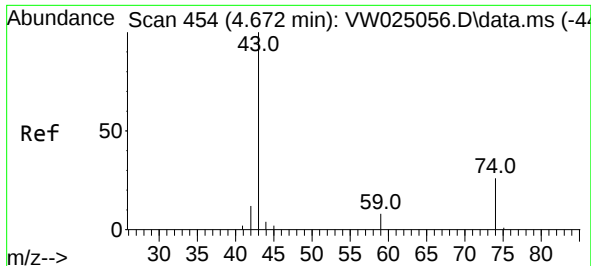
Tgt Ion: 43 Resp: 66070
Ion Ratio Lower Upper
43 100
58 34.0 0.0 65.4



#14
Carbon disulfide
Concen: 18.778 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW025062.D
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Tgt Ion: 76 Resp: 295393
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

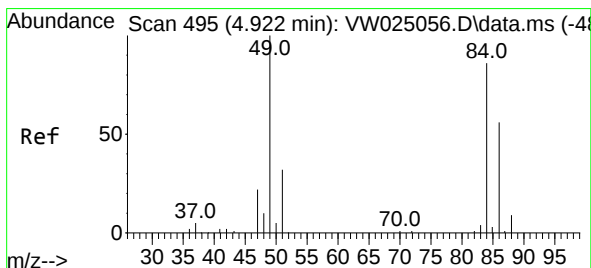
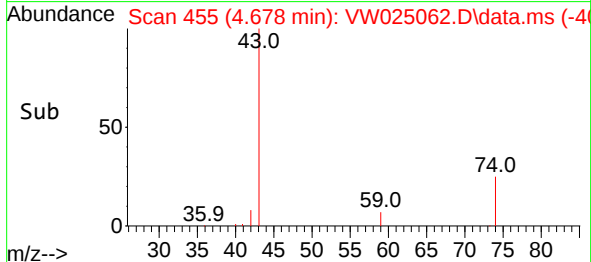
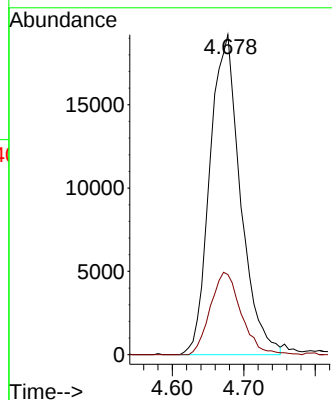
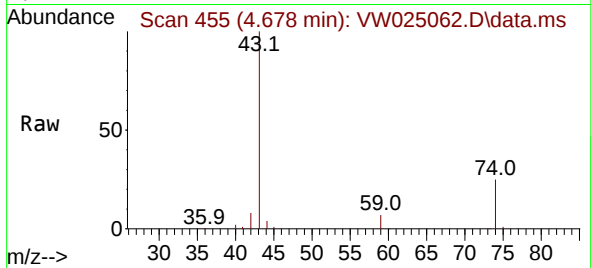




#15
Methyl Acetate
Concen: 24.541 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

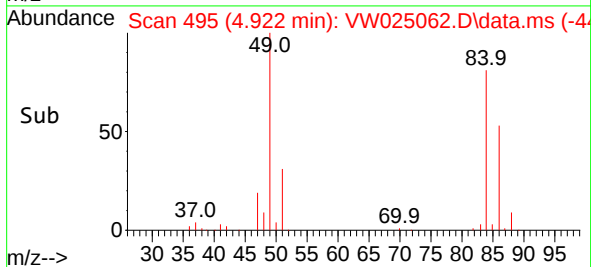
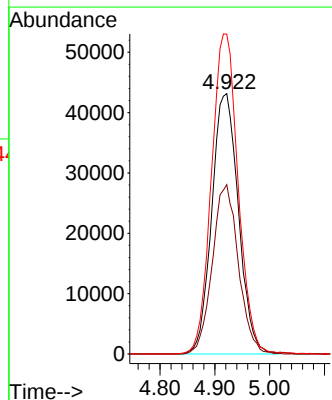
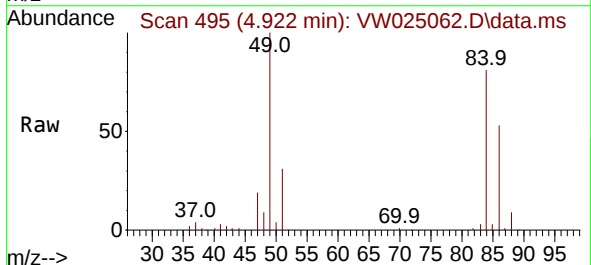
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MS

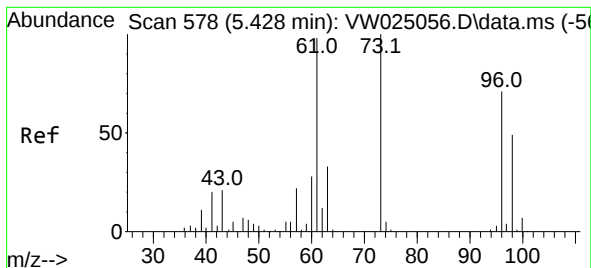
Tgt Ion: 43 Resp: 57082
Ion Ratio Lower Upper
43 100
74 26.0 20.6 30.8



#16
Methylene chloride
Concen: 18.920 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion: 84 Resp: 145838
Ion Ratio Lower Upper
84 100
86 65.0 42.6 79.0
49 122.8 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 21.143 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MS

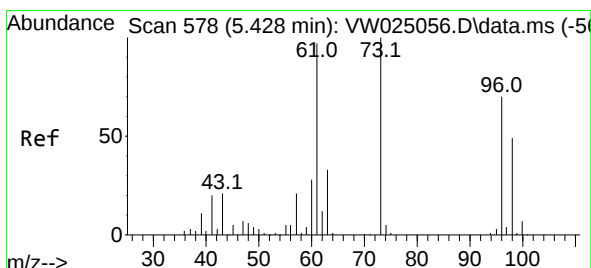
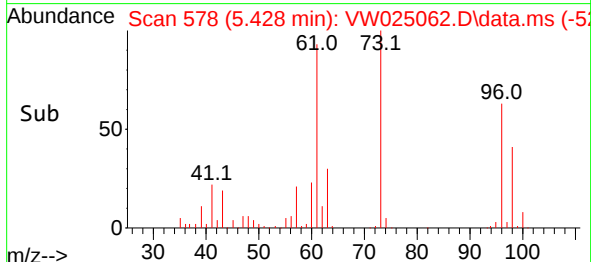
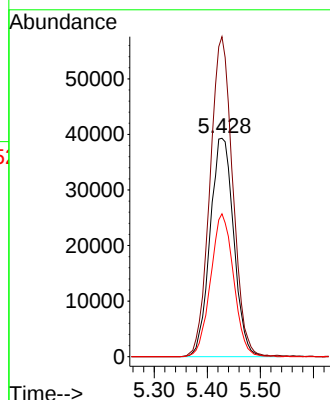
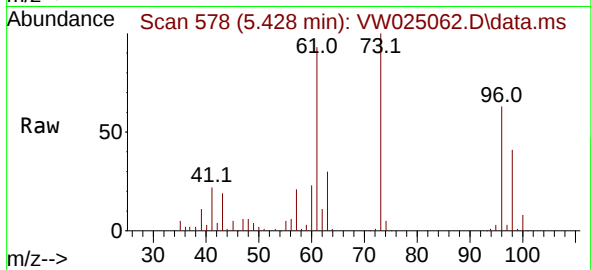
Tgt Ion: 96 Resp: 121919

Ion Ratio Lower Upper

96 100

61 146.5 97.6 181.2

98 65.4 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 21.998 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

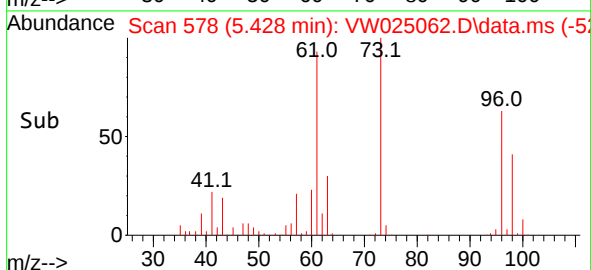
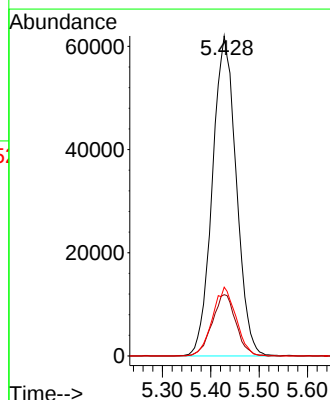
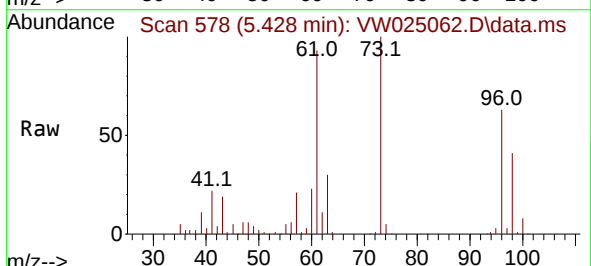
Tgt Ion: 73 Resp: 212787

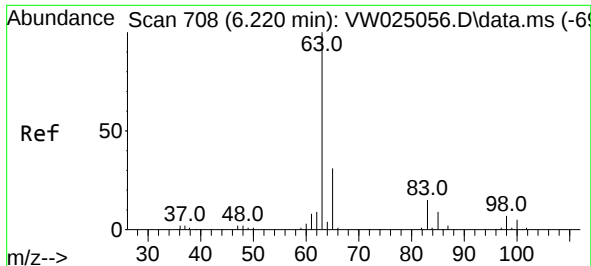
Ion Ratio Lower Upper

73 100

43 19.2 16.6 24.8

57 21.2 17.1 25.7





#19

1,1-Dichloroethane

Concen: 22.344 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MS

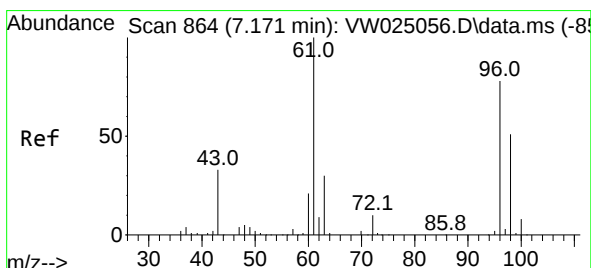
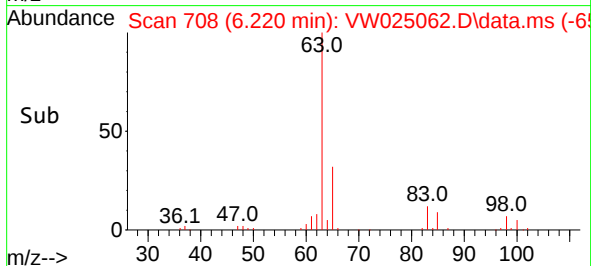
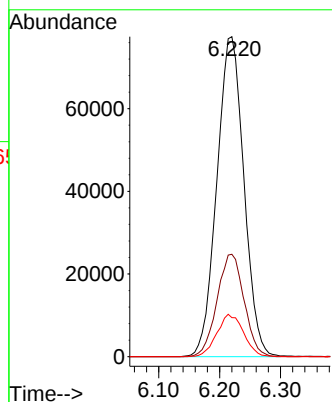
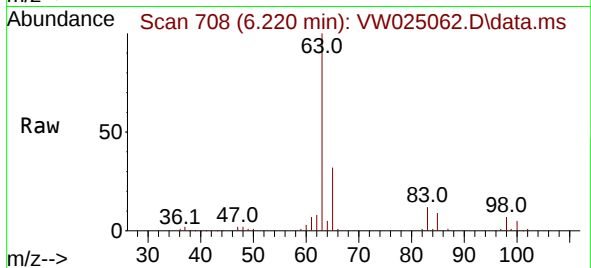
Tgt Ion: 63 Resp: 238547

Ion Ratio Lower Upper

63 100

65 32.0 22.2 41.2

83 12.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 21.990 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

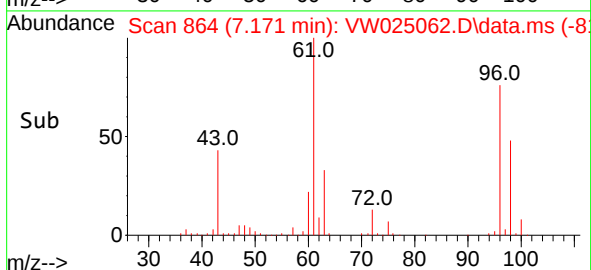
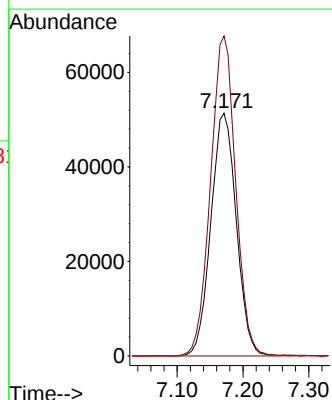
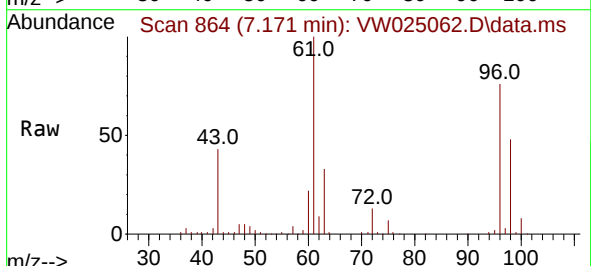
Tgt Ion: 96 Resp: 138210

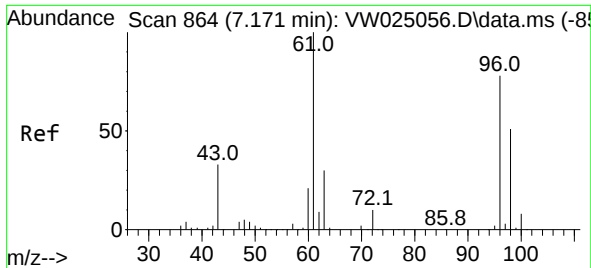
Ion Ratio Lower Upper

96 100

61 131.9 91.8 170.6

68 0.0 0.0 0.0

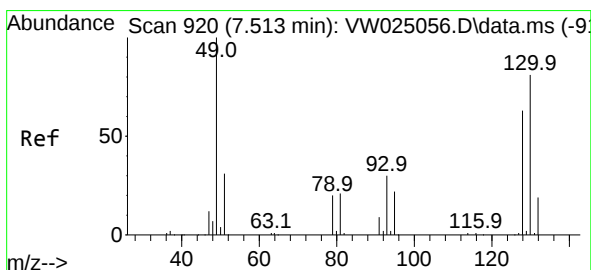
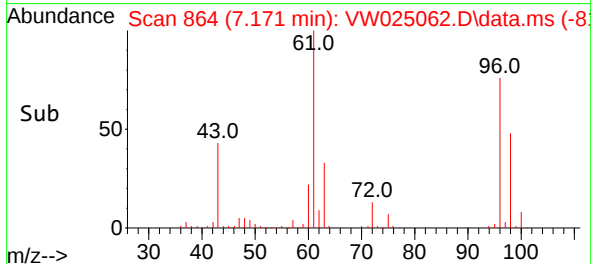
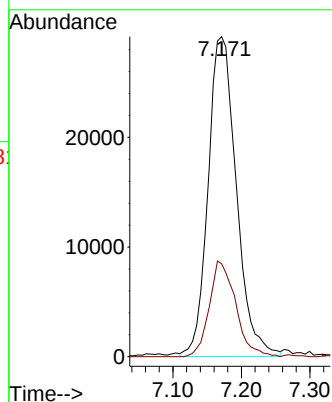
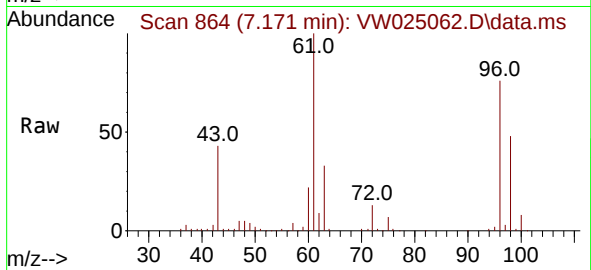




#22
2-Butanone
Concen: 47.734 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

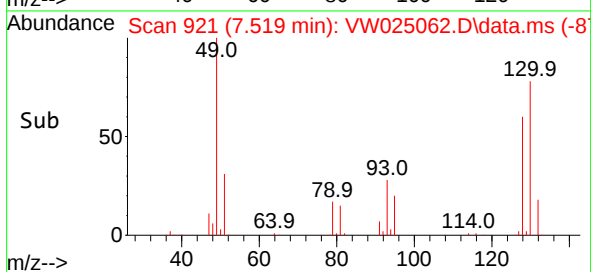
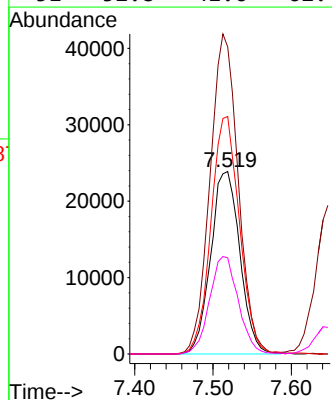
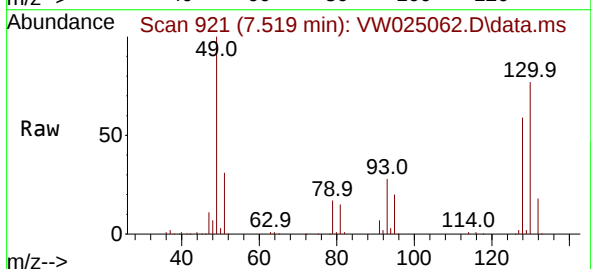
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MS

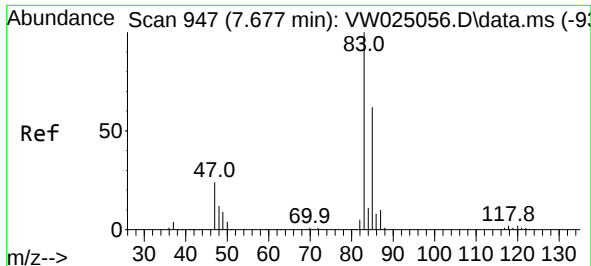
Tgt Ion: 43 Resp: 83555
Ion Ratio Lower Upper
43 100
72 27.9 14.6 44.0



#23
Bromochloromethane
Concen: 22.660 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion: 128 Resp: 61741
Ion Ratio Lower Upper
128 100
49 168.3 112.8 209.4
130 130.2 86.2 160.2
51 52.8 41.6 62.4

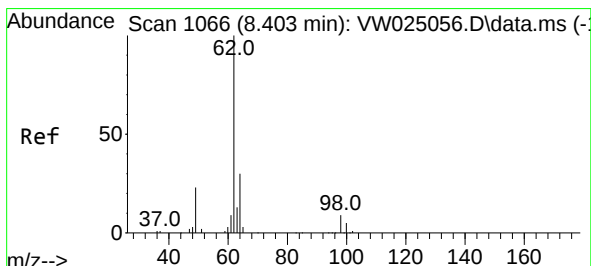
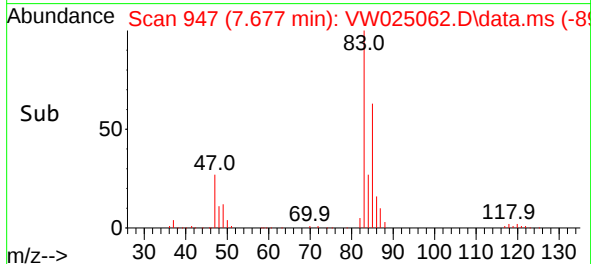
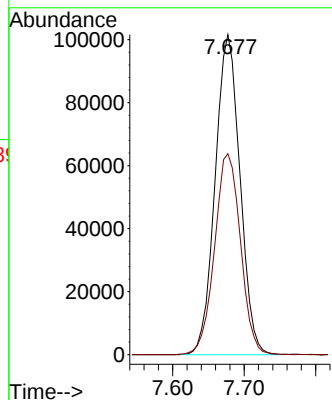
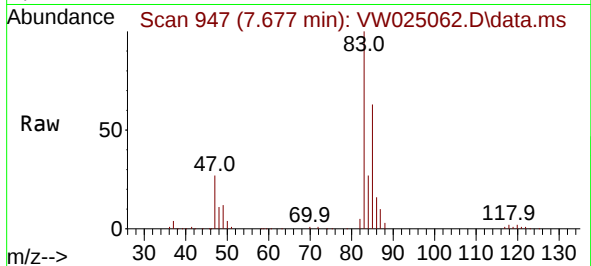




#25
Chloroform
Concen: 21.762 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

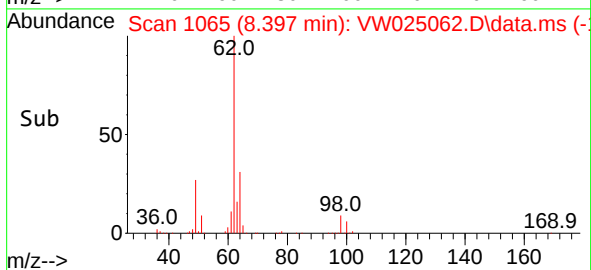
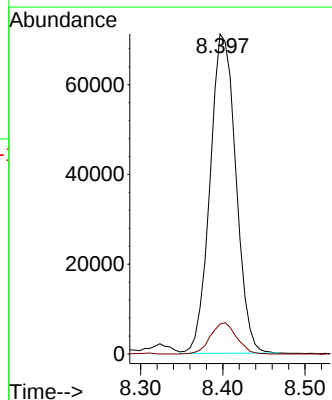
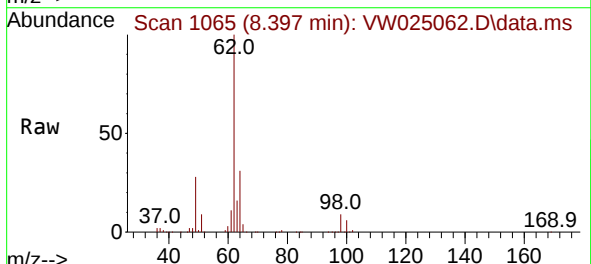
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MS

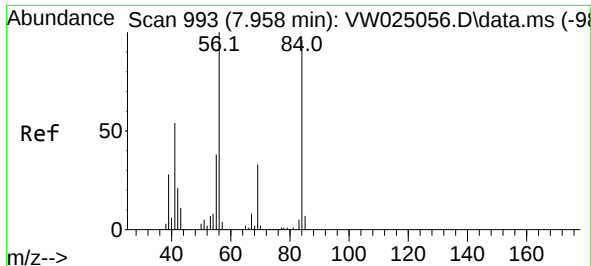
Tgt Ion: 83 Resp: 245204
Ion Ratio Lower Upper
83 100
85 62.8 47.5 88.3



#27
1,2-Dichloroethane
Concen: 20.340 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion: 62 Resp: 155449
Ion Ratio Lower Upper
62 100
98 9.3 7.0 10.4





#29

Cyclohexane

Concen: 20.944 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MS

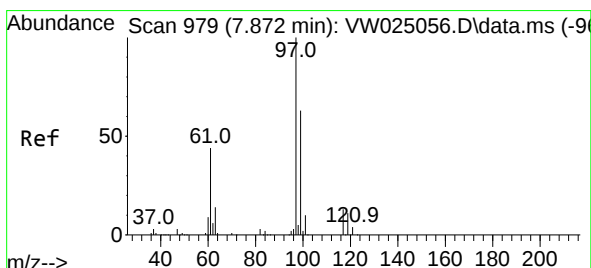
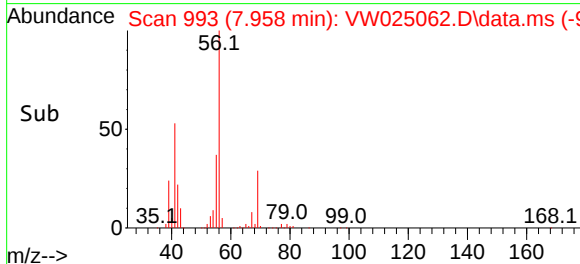
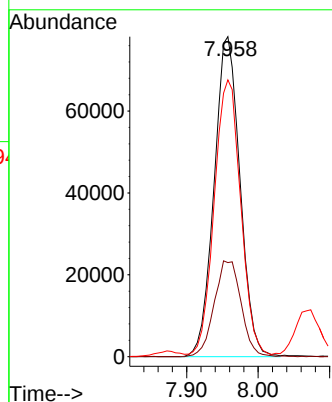
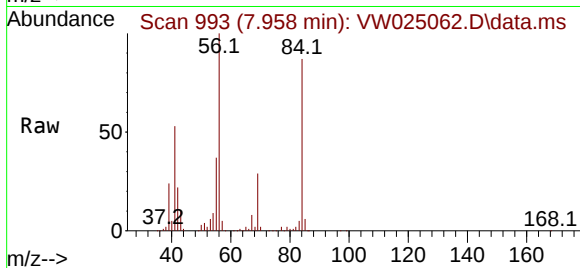
Tgt Ion: 56 Resp: 196687

Ion Ratio Lower Upper

56 100

69 31.0 25.0 37.4

84 88.9 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 19.988 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

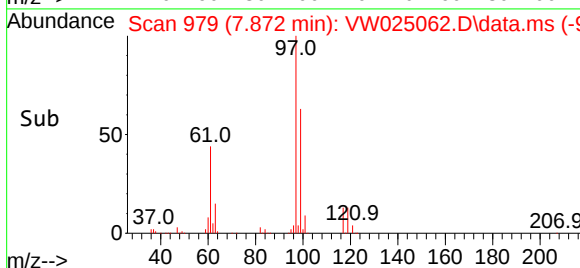
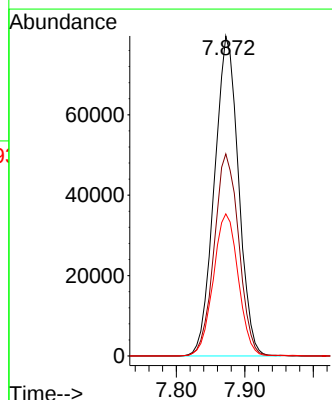
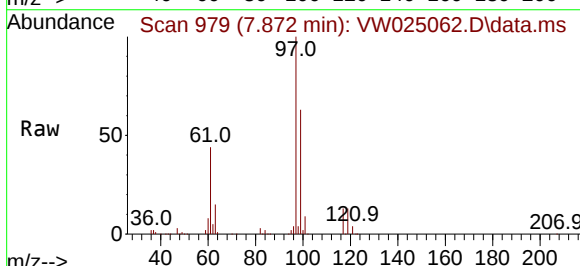
Tgt Ion: 97 Resp: 194531

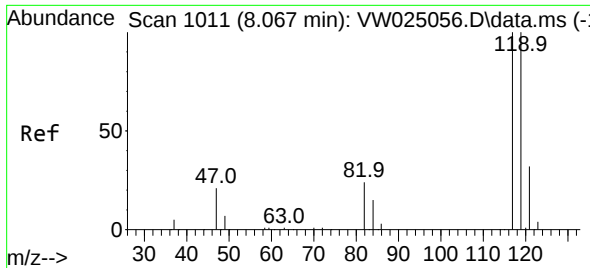
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

61 45.9 36.6 54.8

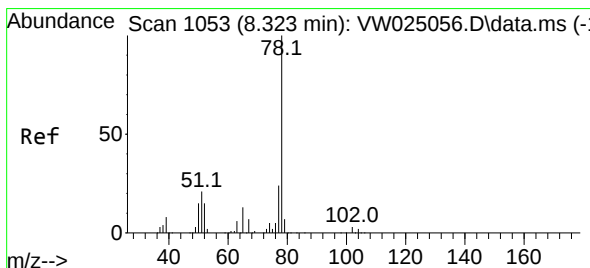
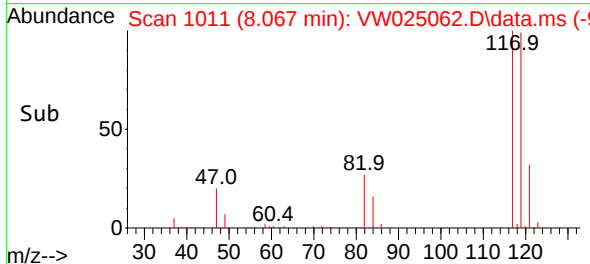
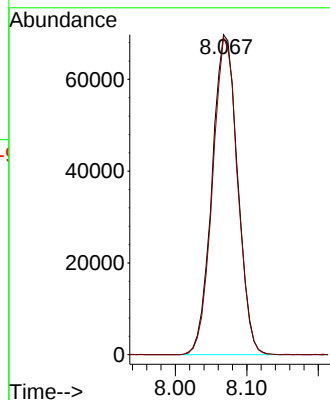
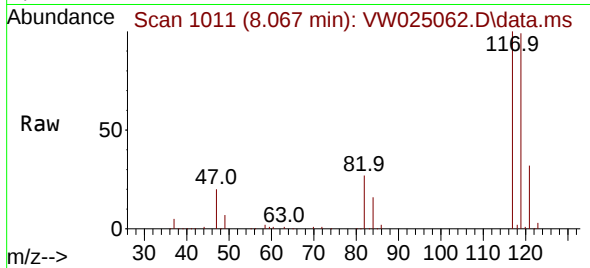




#31
Carbon tetrachloride
Concen: 19.920 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

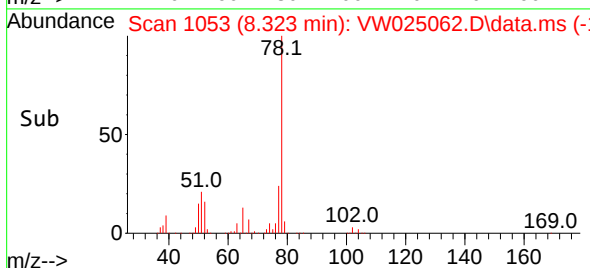
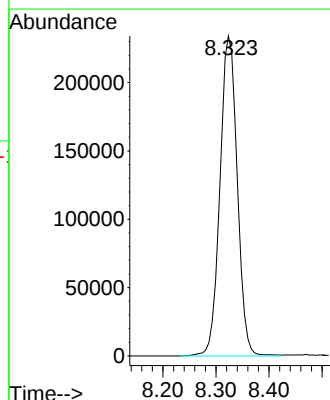
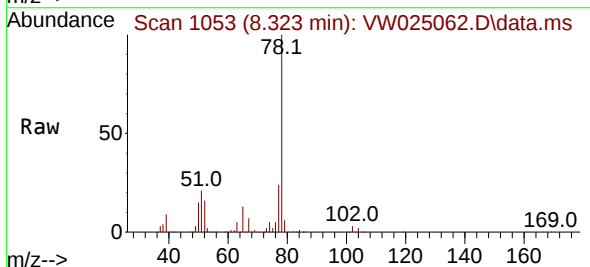
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MS

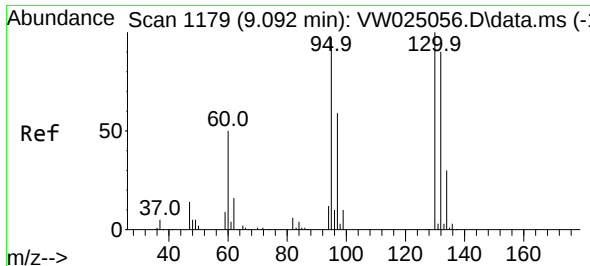
Tgt Ion:117 Resp: 173244
Ion Ratio Lower Upper
117 100
119 96.9 77.7 116.5



#33
Benzene
Concen: 22.178 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion: 78 Resp: 531148



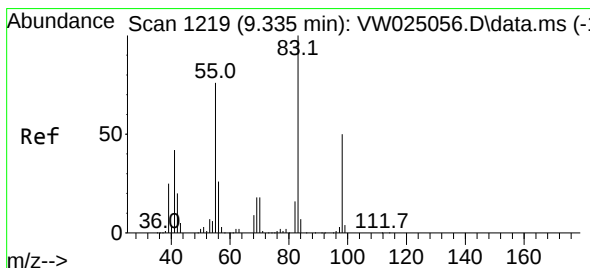
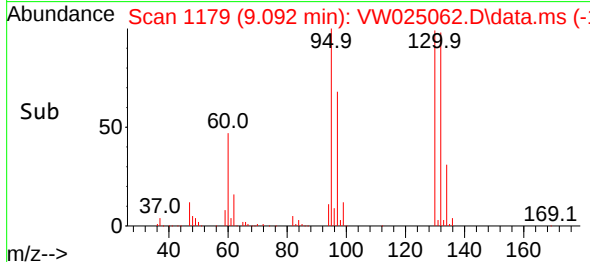
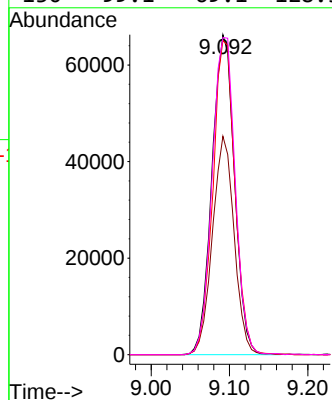
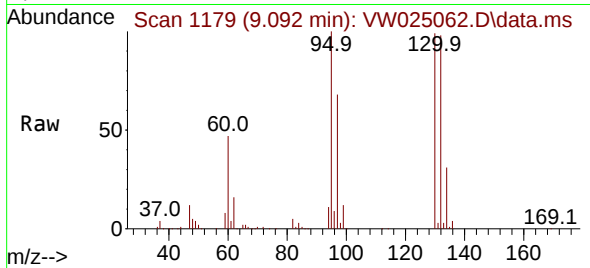


#34
Trichloroethene
Concen: 20.957 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Instrument :
MSVOA_W
ClientSampleId :
ESQT3MS

Tgt Ion: 95 Resp: 132869

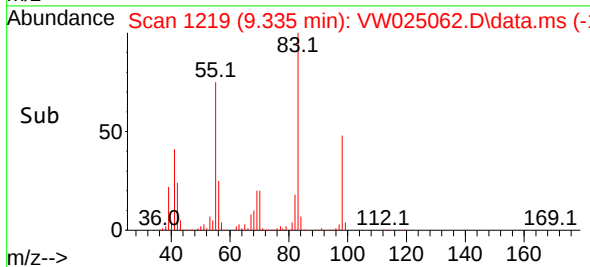
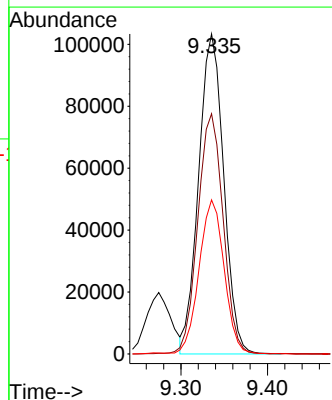
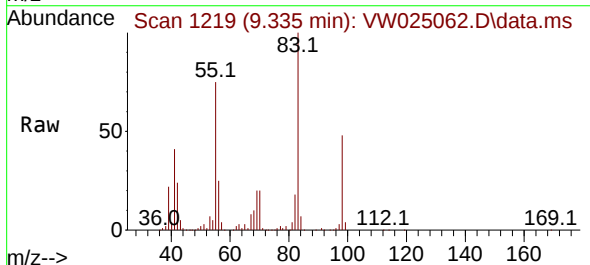
Ion	Ratio	Lower	Upper
95	100		
97	68.2	44.7	83.1
132	98.2	62.6	116.2
130	99.1	69.1	128.3

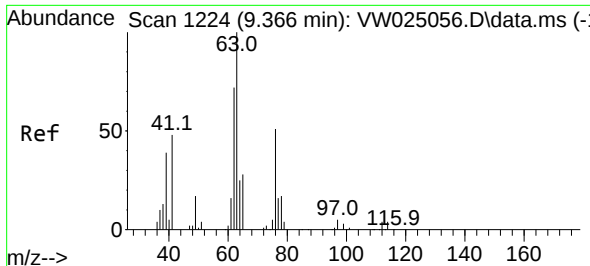


#35
Methylcyclohexane
Concen: 19.311 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion: 83 Resp: 208034

Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.4	90.6
98	48.1	39.5	59.3





#37

1,2-Dichloropropane

Concen: 23.640 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

Instrument :

MSVOA_W

ClientSampleId :

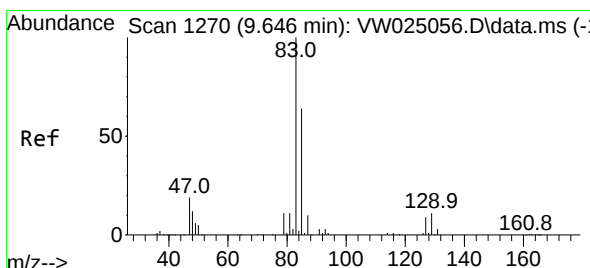
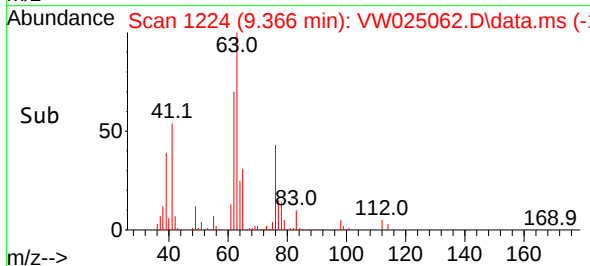
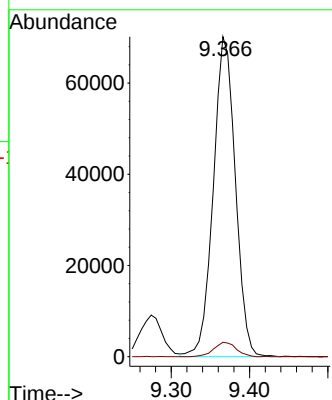
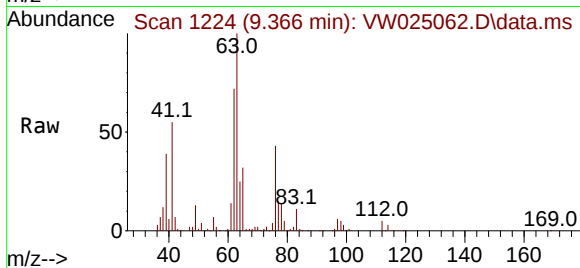
ESQT3MS

Tgt Ion: 63 Resp: 137415

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 22.341 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

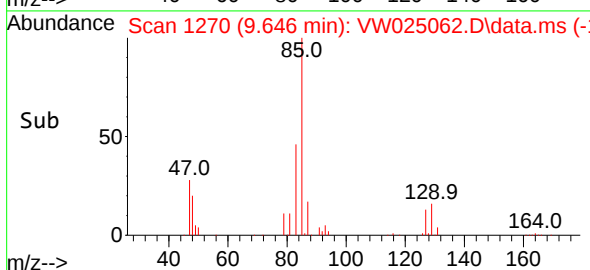
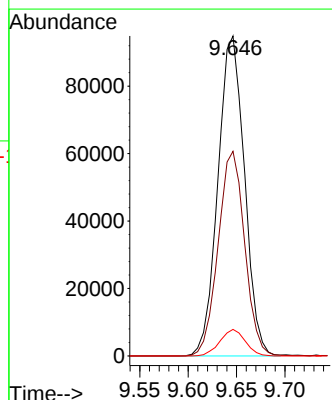
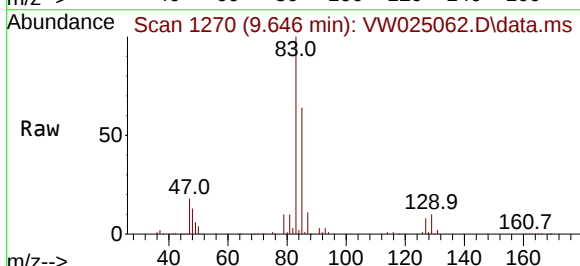
Tgt Ion: 83 Resp: 181246

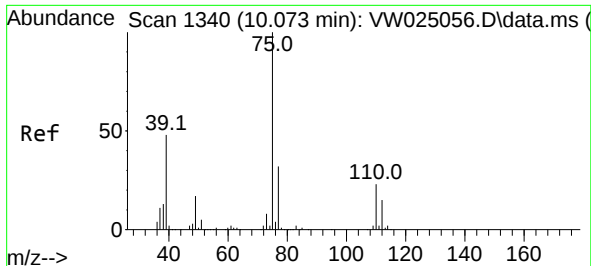
Ion Ratio Lower Upper

83 100

85 64.0 45.8 85.0

127 8.3 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 22.532 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

Instrument :

MSVOA_W

ClientSampleId :

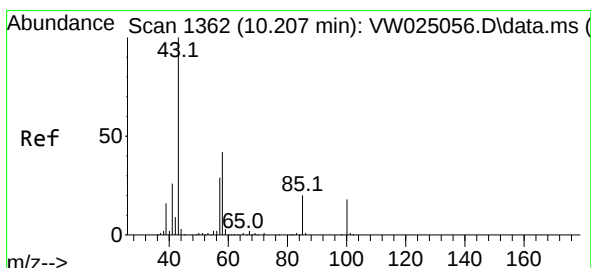
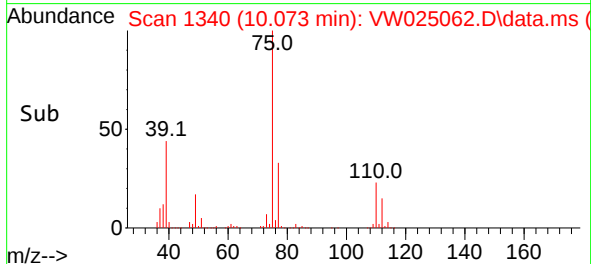
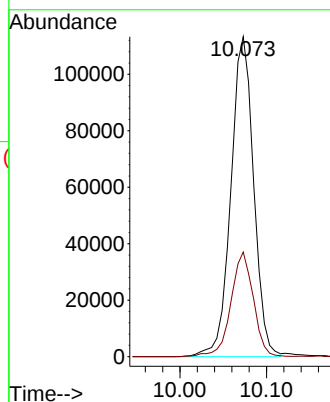
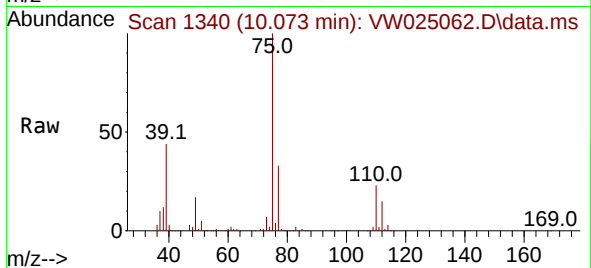
ESQT3MS

Tgt Ion: 75 Resp: 207051

Ion Ratio Lower Upper

75 100

77 32.7 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 48.359 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

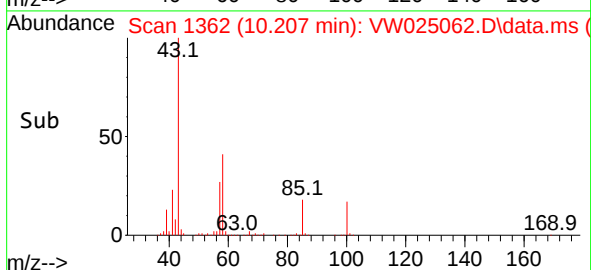
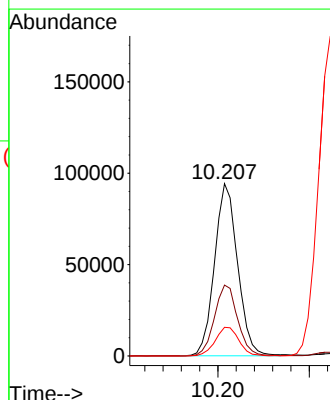
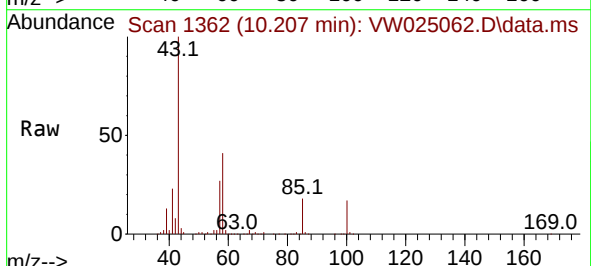
Tgt Ion: 43 Resp: 164959

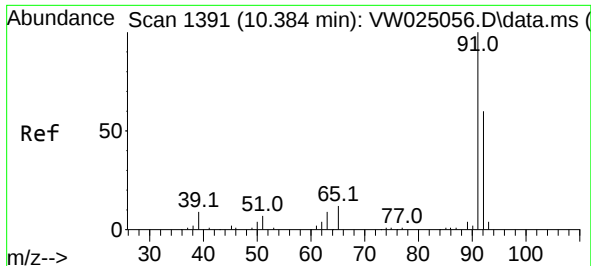
Ion Ratio Lower Upper

43 100

58 41.6 32.6 48.8

100 17.1 14.0 21.0

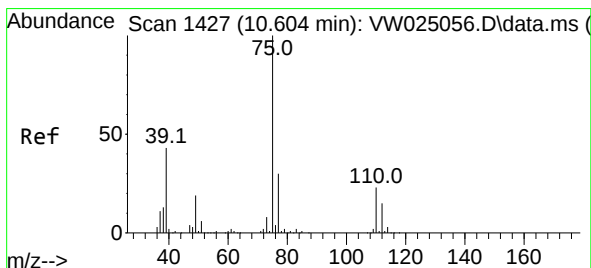
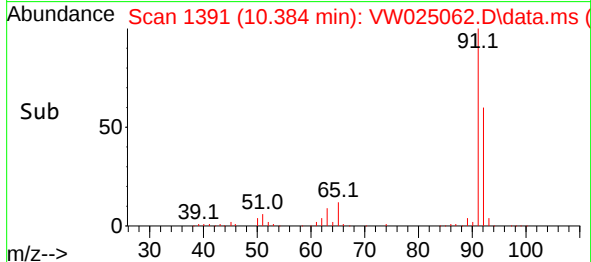
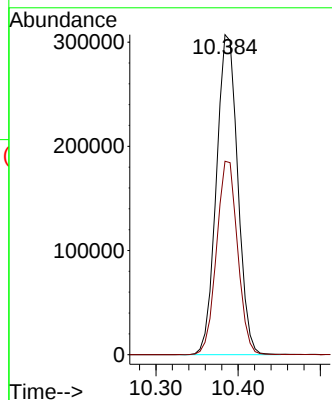
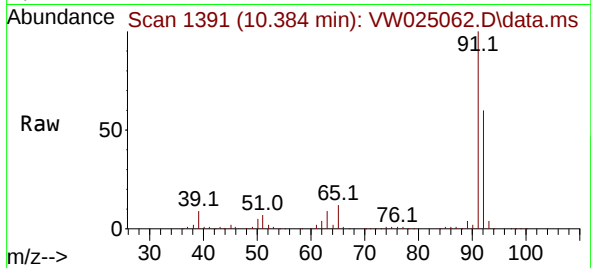




#42
Toluene
Concen: 21.778 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

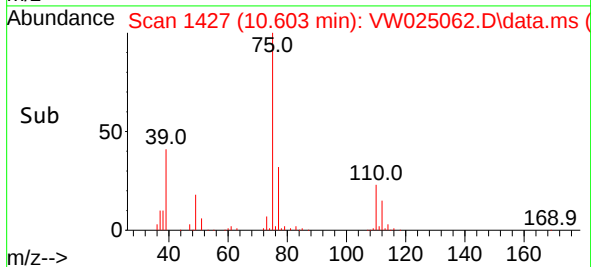
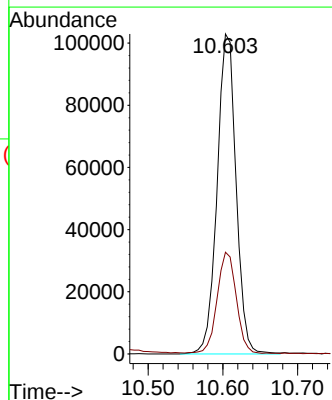
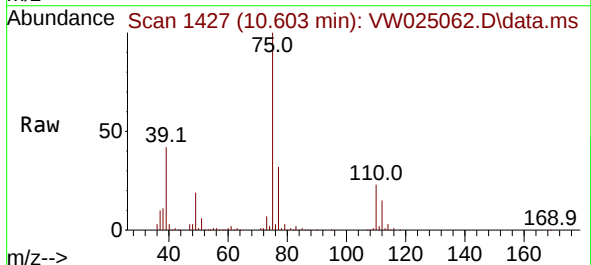
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MS

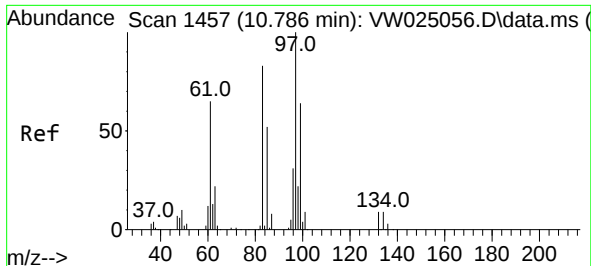
Tgt Ion: 91 Resp: 553740
Ion Ratio Lower Upper
91 100
92 60.5 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 22.256 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion: 75 Resp: 181820
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.5



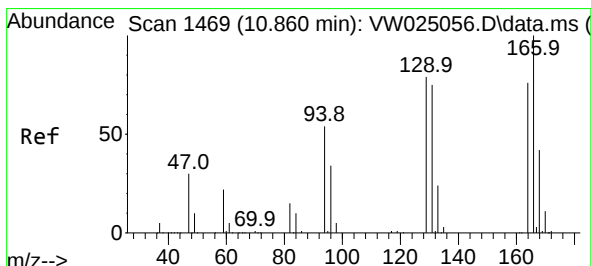
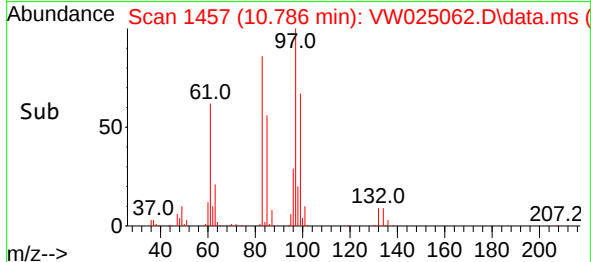
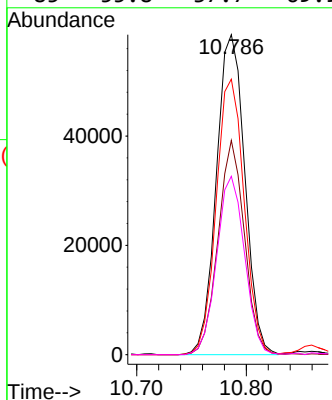
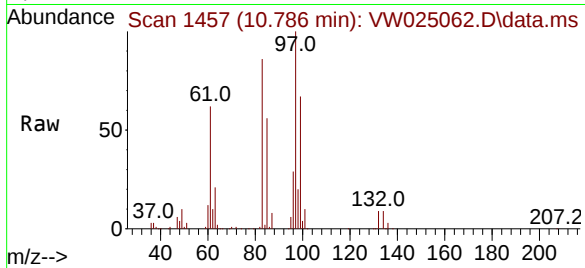


#45
1,1,2-Trichloroethane
Concen: 24.076 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Instrument :
MSVOA_W
ClientSampleId :
ESQT3MS

Tgt Ion: 97 Resp: 105669

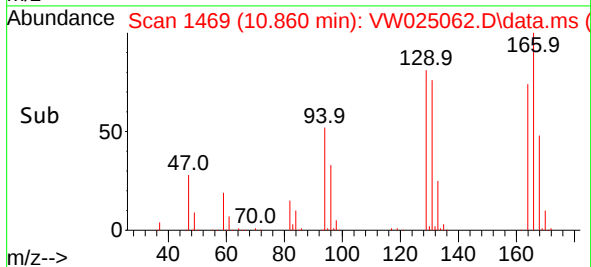
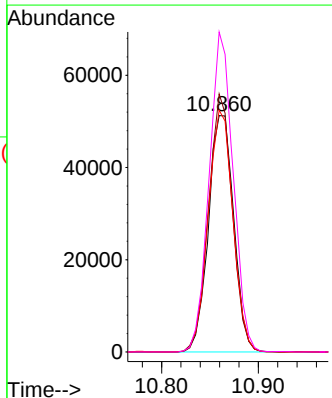
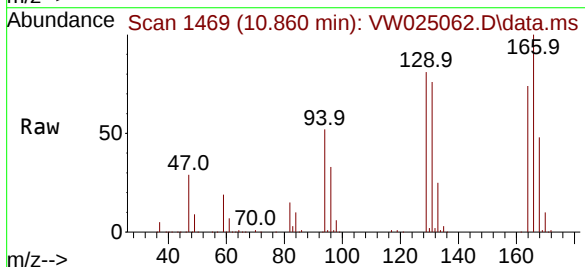
Ion	Ratio	Lower	Upper
97	100		
99	67.0	44.0	81.6
83	86.1	59.9	111.3
85	55.8	37.7	69.9

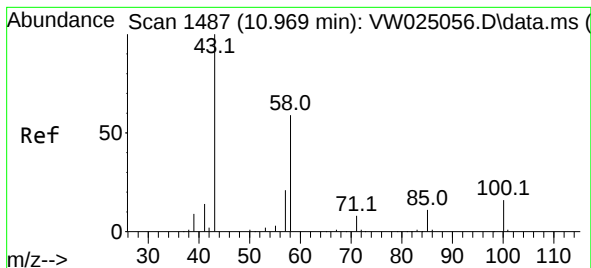


#46
Tetrachloroethene
Concen: 20.547 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion: 164 Resp: 93161

Ion	Ratio	Lower	Upper
164	100		
129	109.2	72.9	135.5
131	102.3	70.1	130.3
166	135.4	80.2	148.9

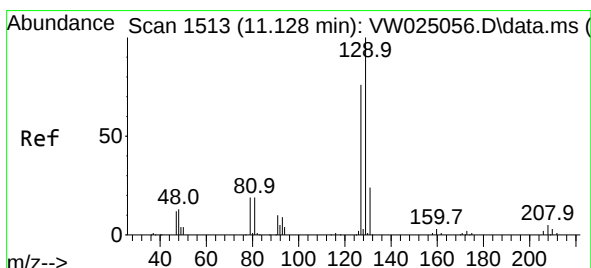
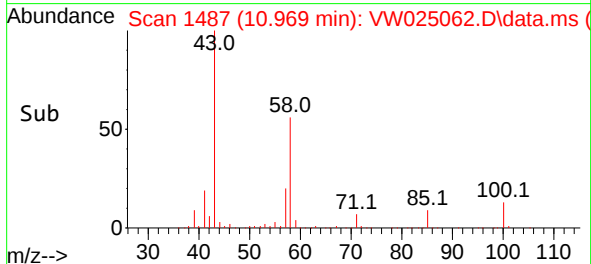
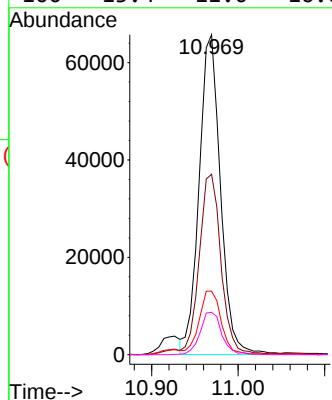
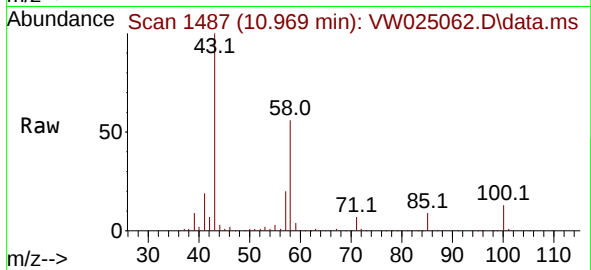




#48
2-Hexanone
Concen: 47.836 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

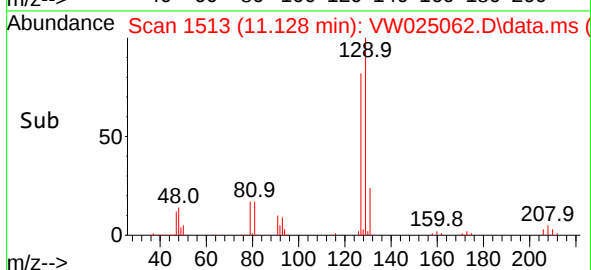
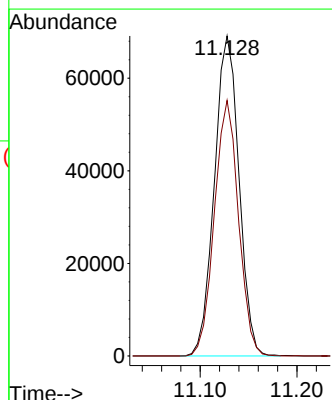
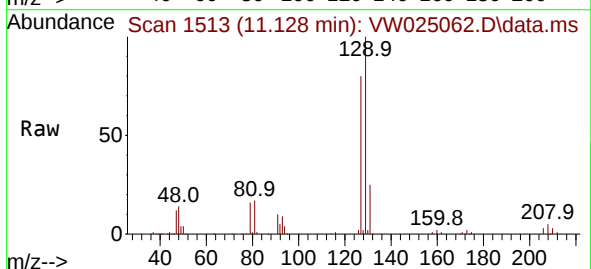
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MS

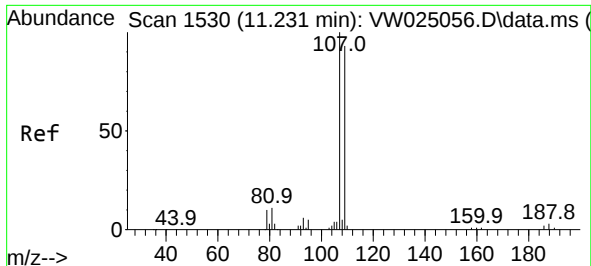
Tgt Ion:	43	Resp:	112848
Ion	Ratio	Lower	Upper
43	100		
58	56.4	46.1	69.1
57	20.7	16.2	24.2
100	13.4	11.0	16.6



#49
Dibromochloromethane
Concen: 22.826 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion:	129	Resp:	122115
Ion	Ratio	Lower	Upper
129	100		
127	79.9	53.2	98.8





#50

1,2-Dibromoethane

Concen: 22.968 ug/L

RT: 11.238 min Scan# 1530

Delta R.T. 0.006 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MS

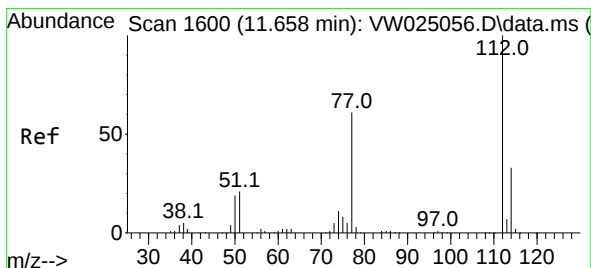
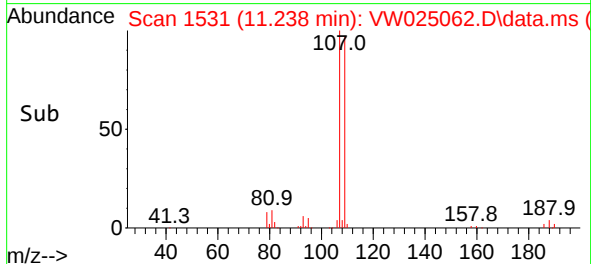
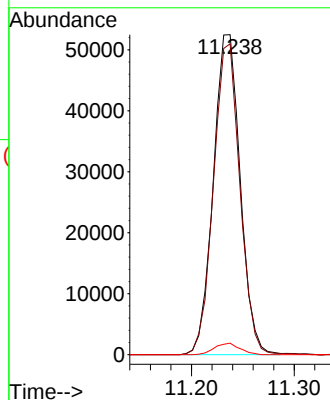
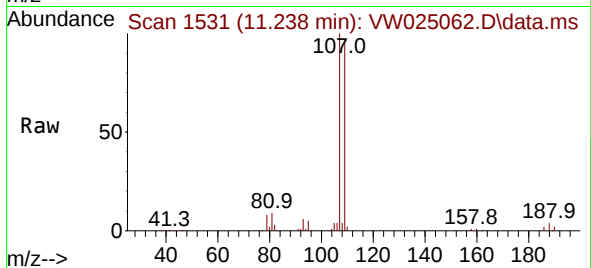
Tgt Ion:107 Resp: 95337

Ion Ratio Lower Upper

107 100

109 97.1 64.5 119.7

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 21.902 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

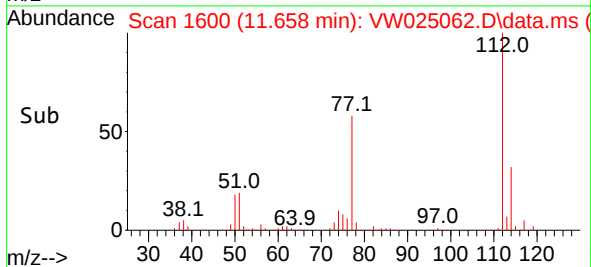
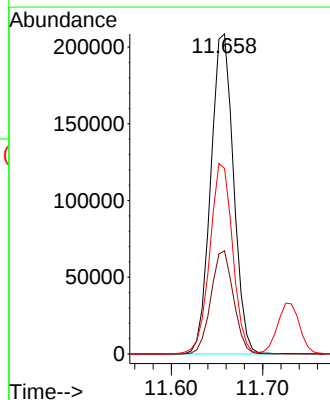
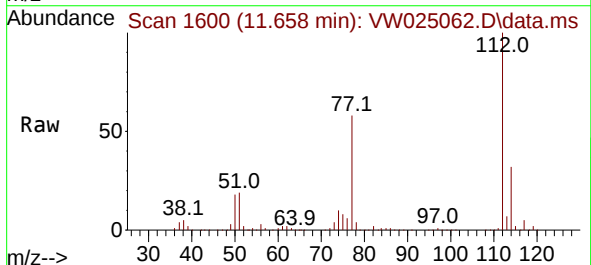
Tgt Ion:112 Resp: 360976

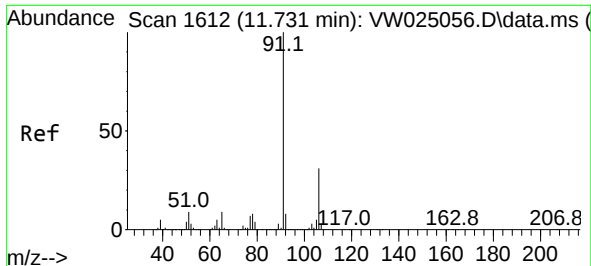
Ion Ratio Lower Upper

112 100

114 32.3 20.8 38.6

77 58.0 48.2 72.2

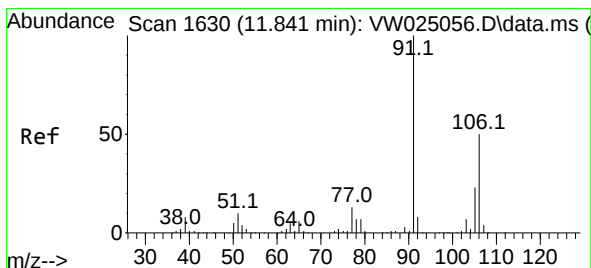
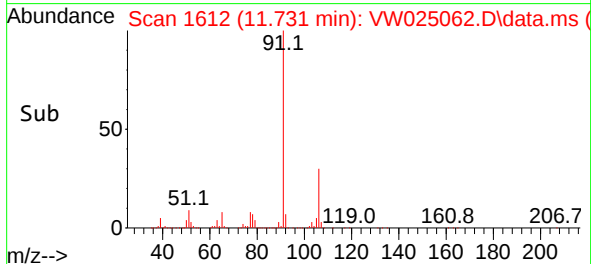
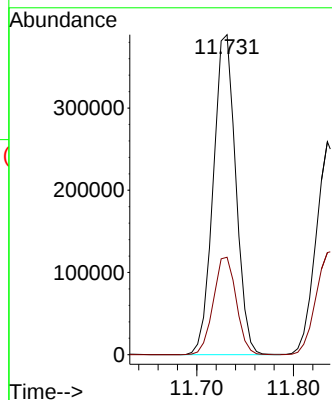
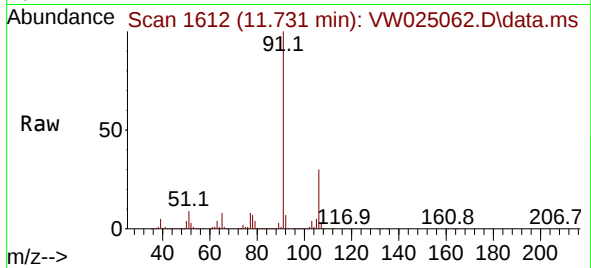




#52
Ethylbenzene
Concen: 21.445 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

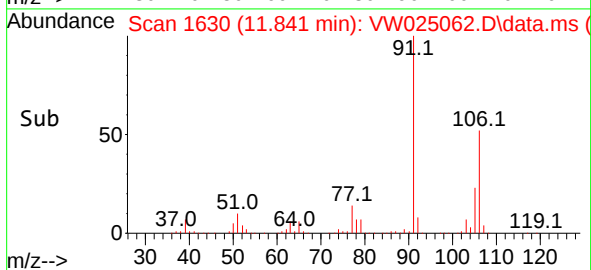
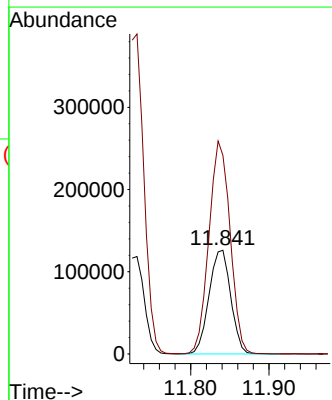
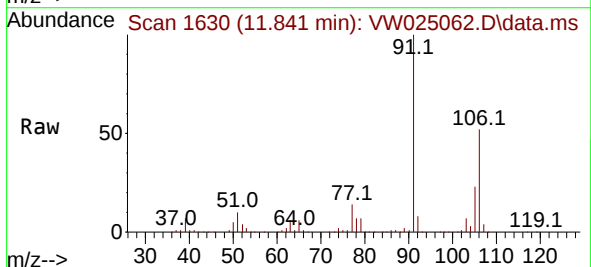
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MS

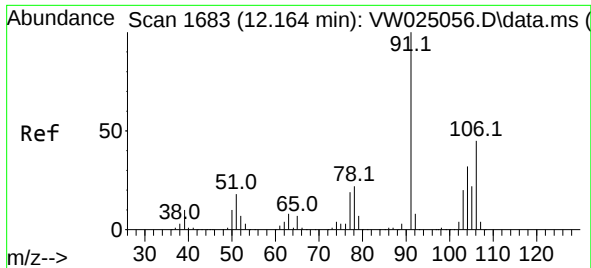
Tgt Ion: 91 Resp: 629417
Ion Ratio Lower Upper
91 100
106 30.5 22.3 41.5



#53
m,p-Xylene
Concen: 21.347 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion: 106 Resp: 242525
Ion Ratio Lower Upper
106 100
91 191.4 143.9 267.2

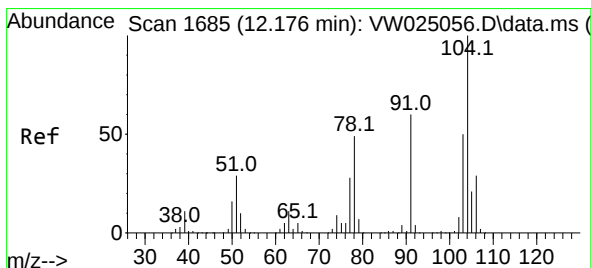
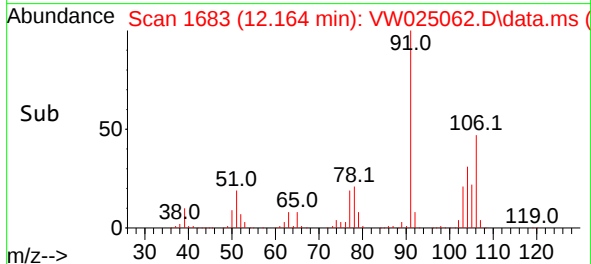
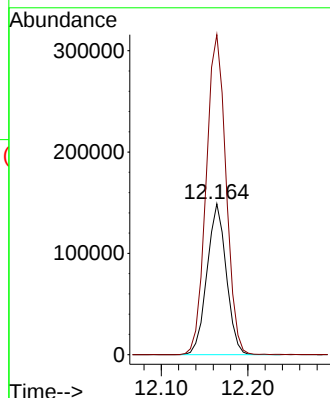
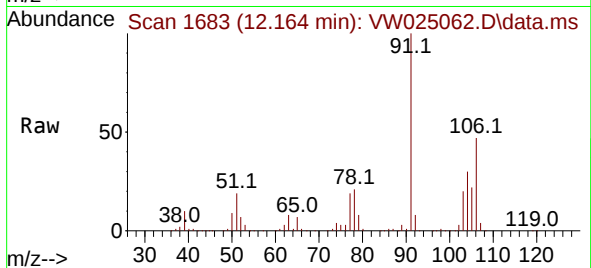




#54
o-Xylene
Concen: 21.473 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

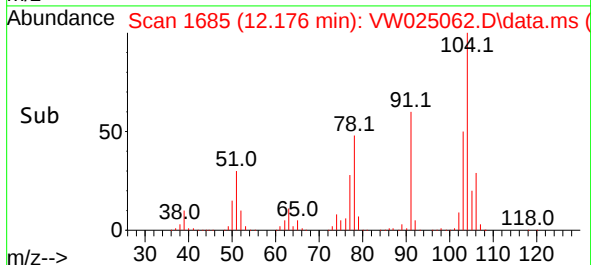
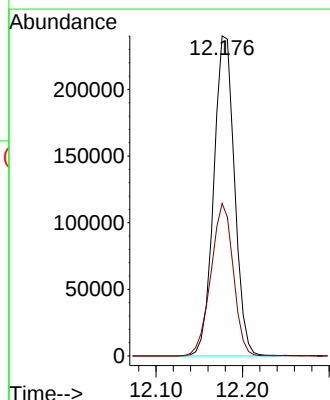
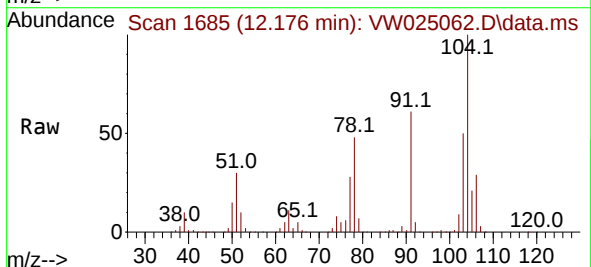
Instrument :
MSVOA_W
ClientSampleId :
ESQT3MS

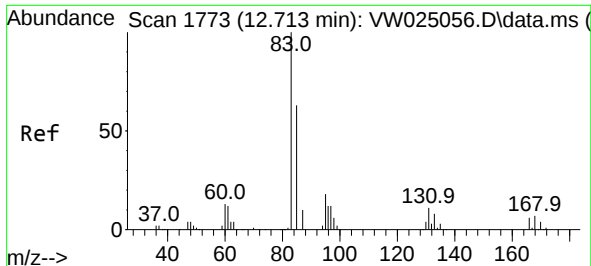
Tgt Ion:106 Resp: 230147
Ion Ratio Lower Upper
106 100
91 212.1 153.5 285.1



#55
Styrene
Concen: 21.519 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion:104 Resp: 400588
Ion Ratio Lower Upper
104 100
78 47.7 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 23.902 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MS

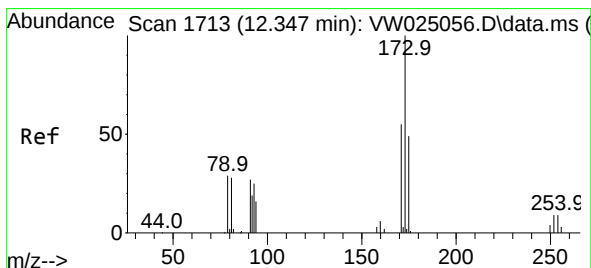
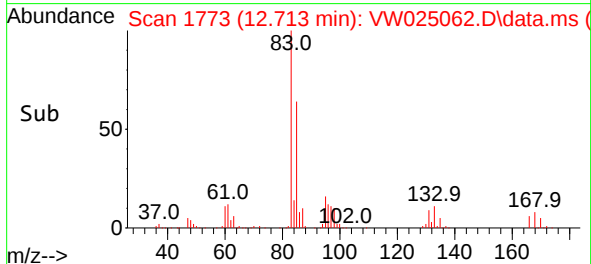
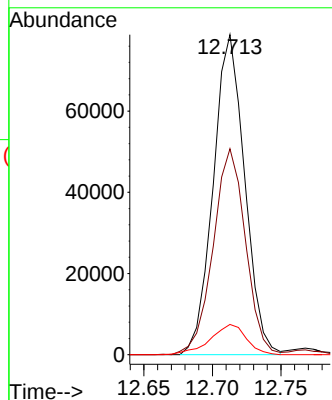
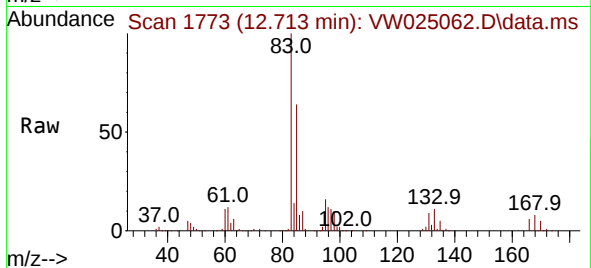
Tgt Ion: 83 Resp: 125846

Ion Ratio Lower Upper

83 100

85 64.3 46.4 86.2

131 9.4 8.2 12.4



#59

Bromoform

Concen: 23.800 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

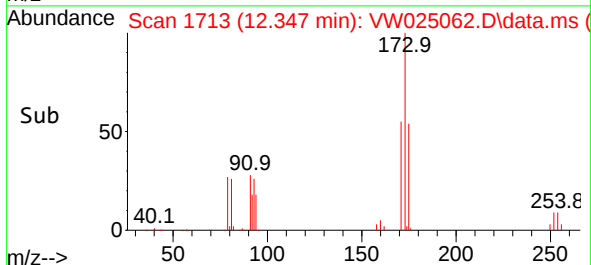
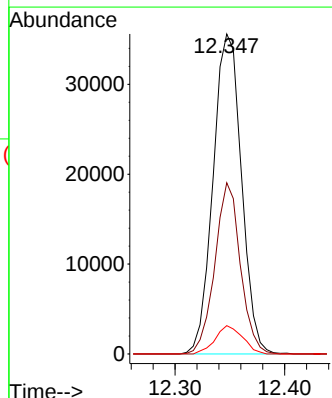
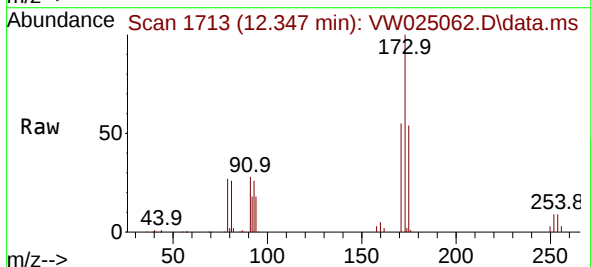
Tgt Ion:173 Resp: 63995

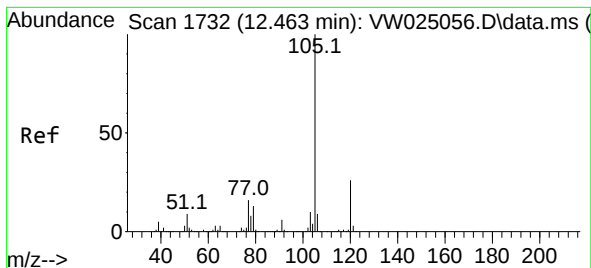
Ion Ratio Lower Upper

173 100

175 48.2 37.4 56.2

254 8.6 5.8 8.8





#60

Isopropylbenzene

Concen: 21.547 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MS

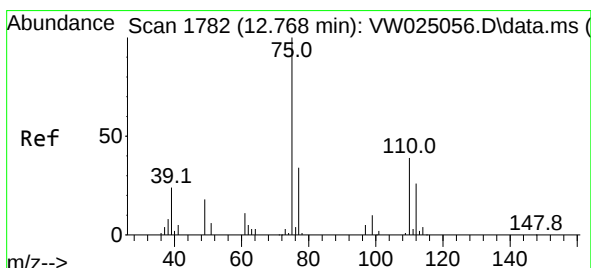
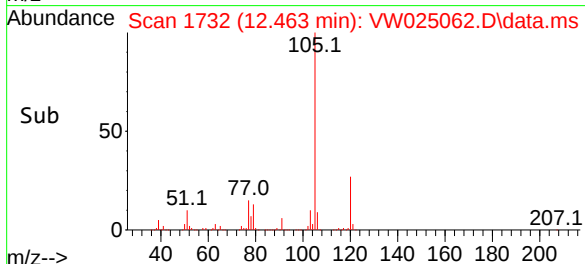
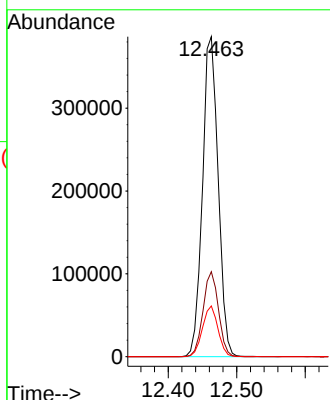
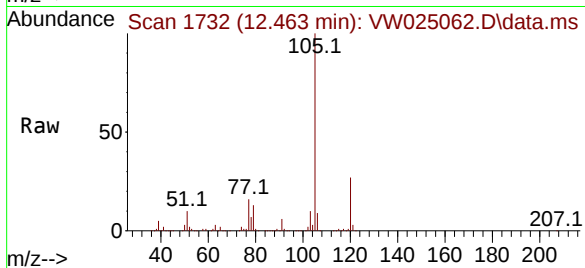
Tgt Ion:105 Resp: 615866

Ion Ratio Lower Upper

105 100

120 26.1 20.8 31.2

77 15.7 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 23.882 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

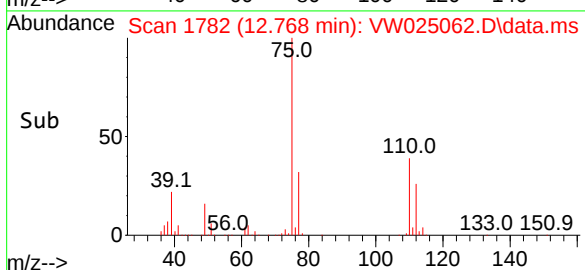
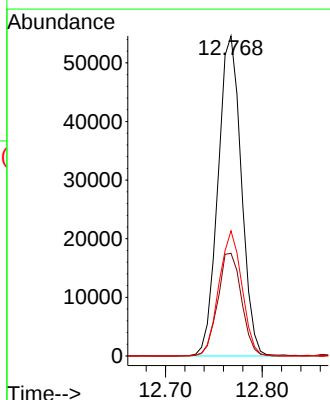
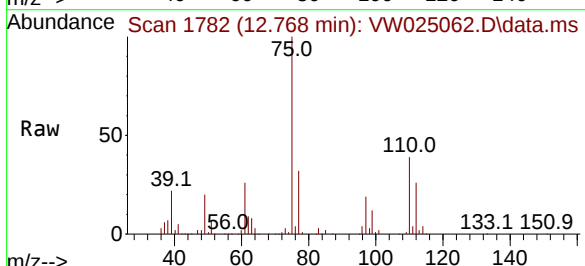
Tgt Ion: 75 Resp: 91216

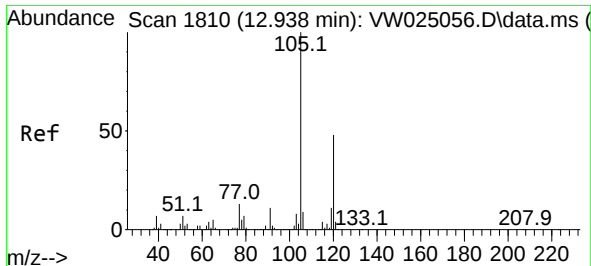
Ion Ratio Lower Upper

75 100

77 32.8 25.7 38.5

110 38.5 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 21.068 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

Instrument :

MSVOA_W

ClientSampleId :

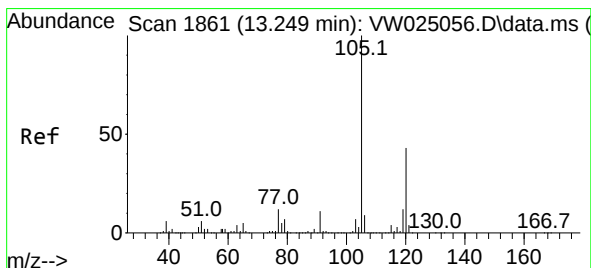
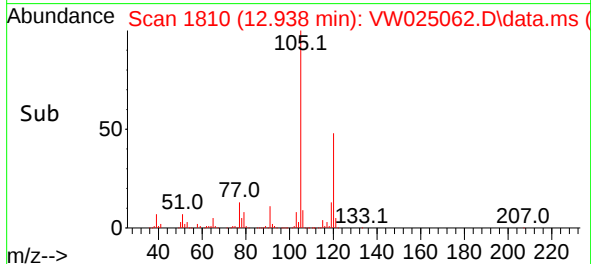
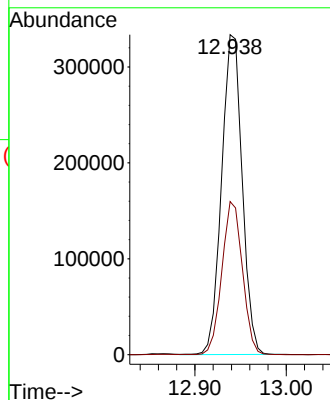
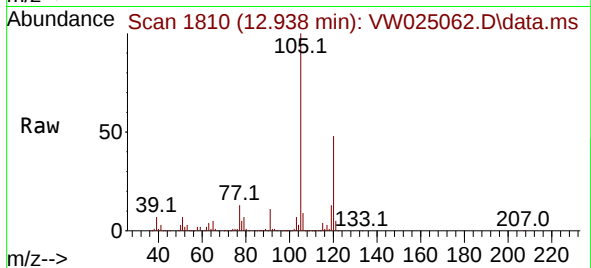
ESQT3MS

Tgt Ion:105 Resp: 522715

Ion Ratio Lower Upper

105 100

120 47.8 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 20.987 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW025062.D

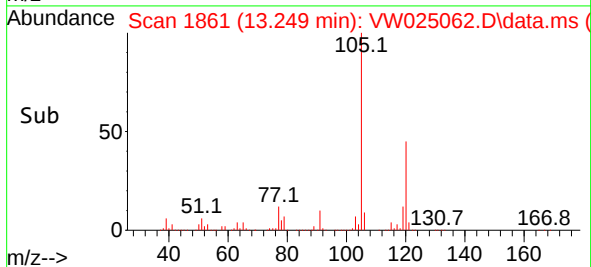
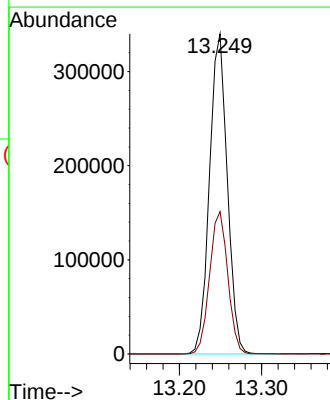
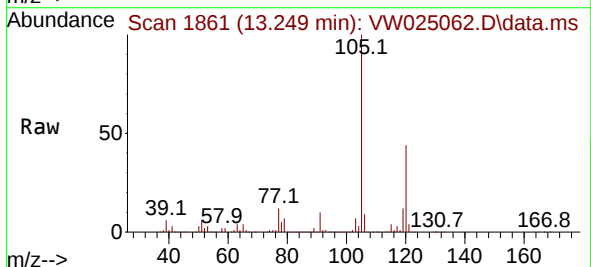
Acq: 16 Nov 2022 16:50

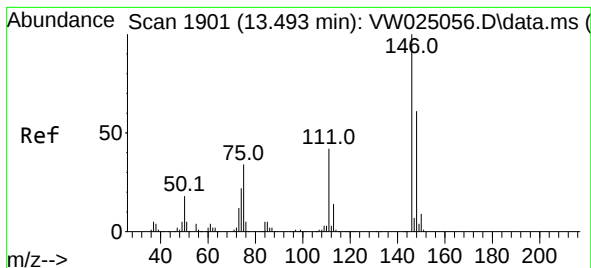
Tgt Ion:105 Resp: 510613

Ion Ratio Lower Upper

105 100

120 45.5 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 21.258 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MS

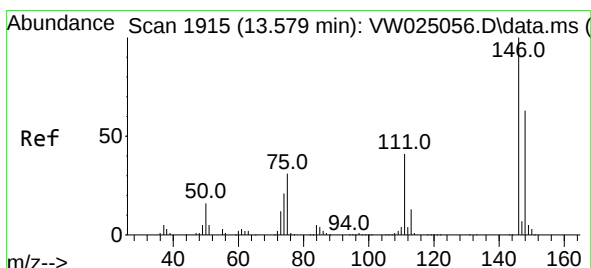
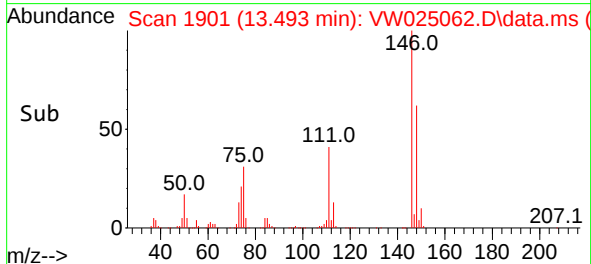
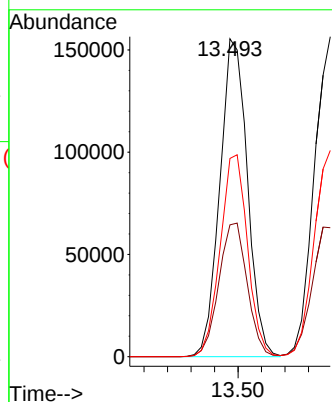
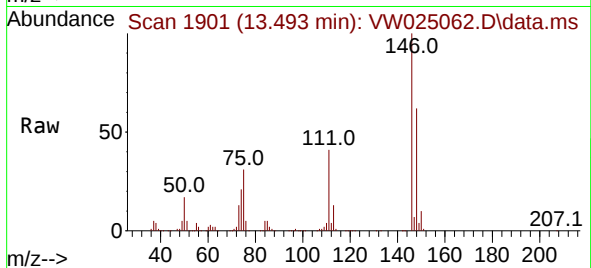
Tgt Ion:146 Resp: 253417

Ion Ratio Lower Upper

146 100

111 41.5 31.1 57.7

148 62.3 47.2 87.6



#65

1,4-Dichlorobenzene

Concen: 21.086 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

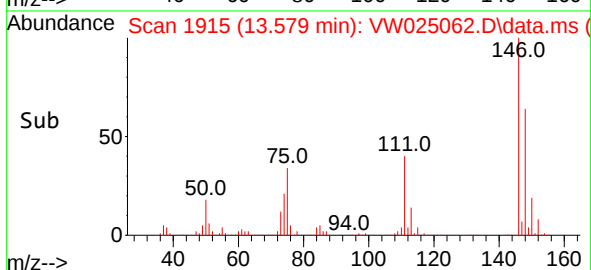
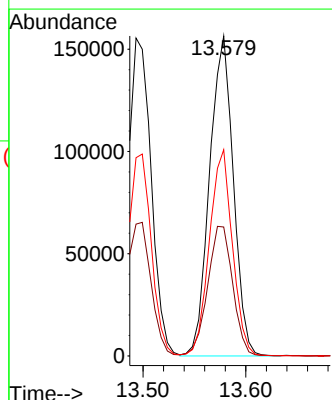
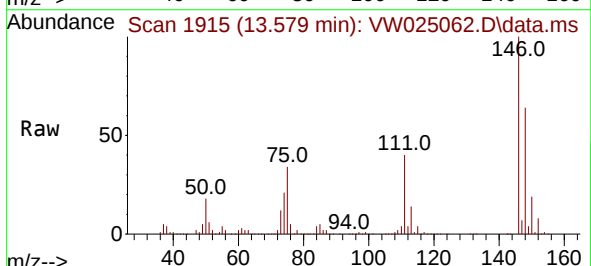
Tgt Ion:146 Resp: 250813

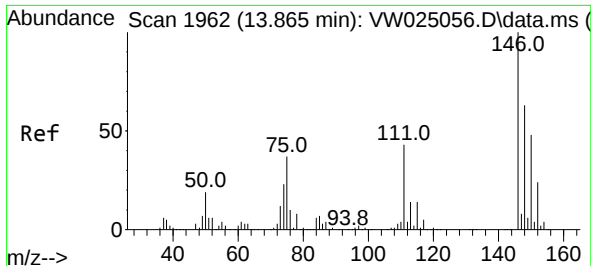
Ion Ratio Lower Upper

146 100

111 40.3 28.8 53.6

148 64.4 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 21.594 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MS

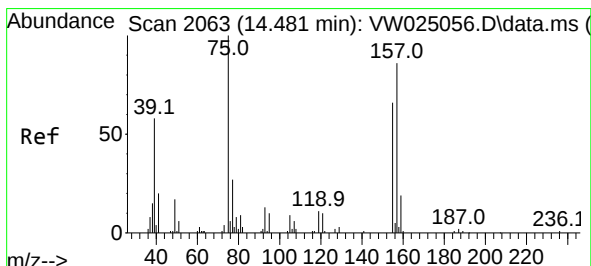
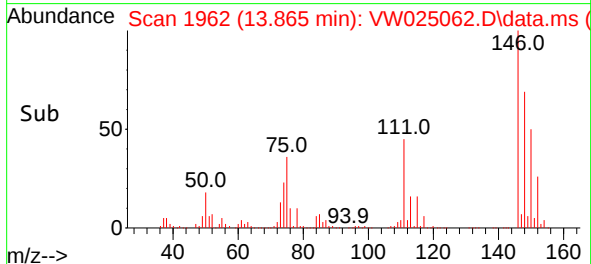
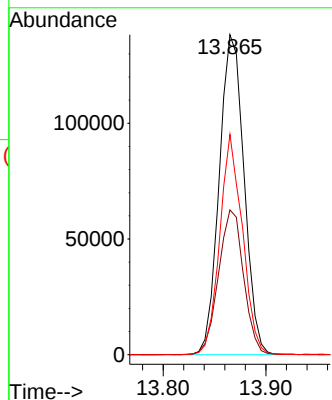
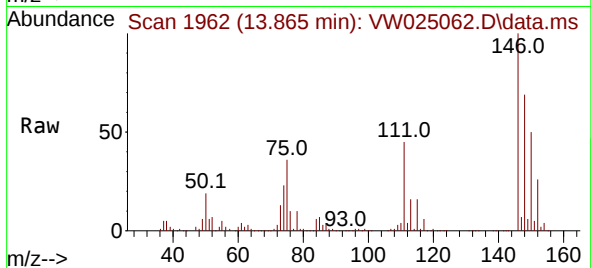
Tgt Ion:146 Resp: 231457

Ion Ratio Lower Upper

146 100

111 45.2 34.2 51.4

148 68.8 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 21.786 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

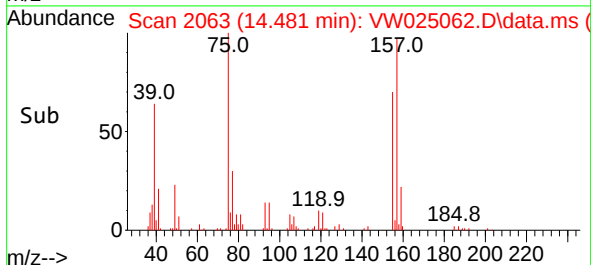
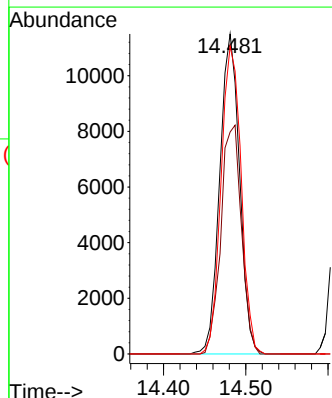
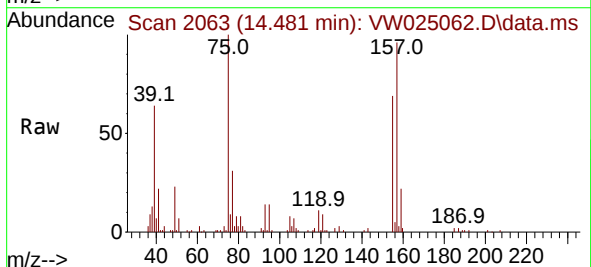
Tgt Ion: 75 Resp: 19229

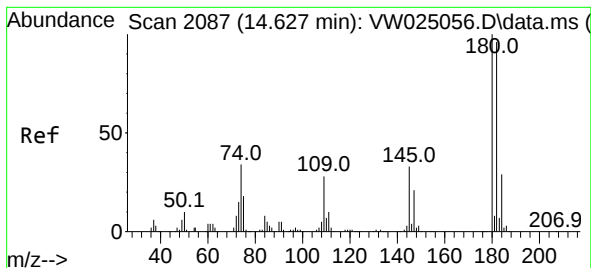
Ion Ratio Lower Upper

75 100

155 69.3 61.2 91.8

157 96.2 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 18.372 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

Instrument :

MSVOA_W

ClientSampleId :

ESQT3MS

Tgt Ion:180 Resp: 145059

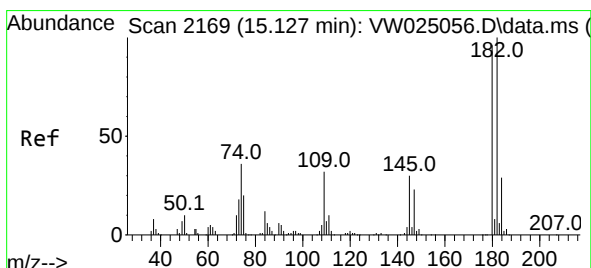
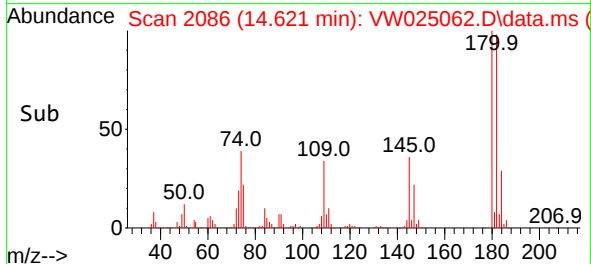
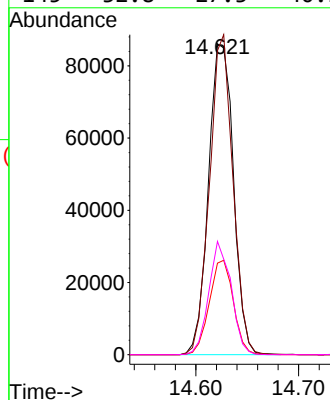
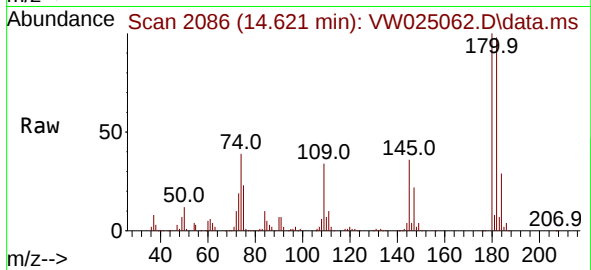
Ion Ratio Lower Upper

180 100

182 96.4 75.7 113.5

184 29.3 23.4 35.2

145 32.8 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 18.986 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW025062.D

Acq: 16 Nov 2022 16:50

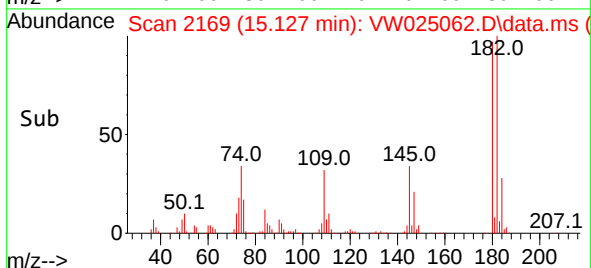
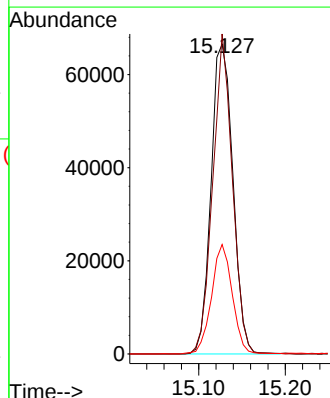
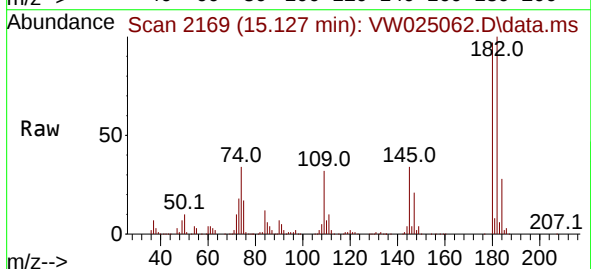
Tgt Ion:180 Resp: 116512

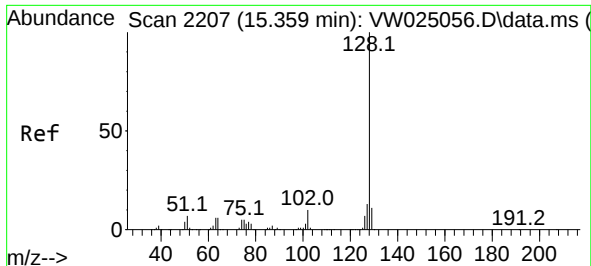
Ion Ratio Lower Upper

180 100

182 92.6 74.9 112.3

145 33.6 27.0 40.4

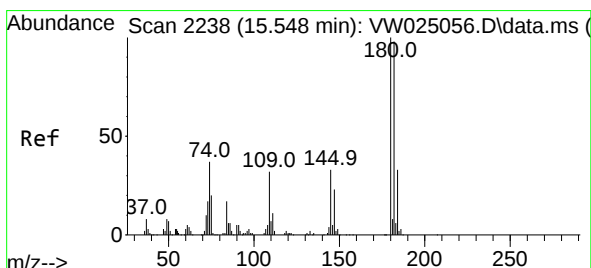
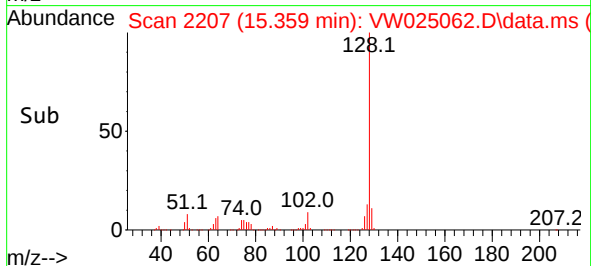
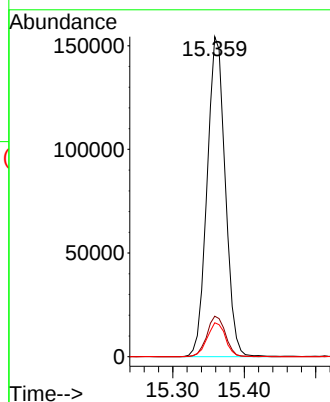
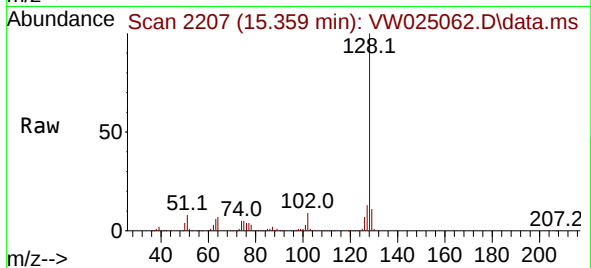




#71
Naphthalene
Concen: 21.033 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Instrument :
MSVOA_W
ClientSampleId :
ESQT3MS

Tgt Ion:128 Resp: 272289
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 18.536 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW025062.D
Acq: 16 Nov 2022 16:50

Tgt Ion:180 Resp: 99114
Ion Ratio Lower Upper
180 100
182 94.5 74.1 111.1
145 38.1 28.2 42.2

