

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051122\
 Data File : VW022971.D
 Acq On : 11 May 2022 11:18
 Operator : SY/VA
 Sample : N2766-02MSRE
 Misc : 7.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F3REMS

Quant Time: May 12 01:09:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 12 01:07:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	258045	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	155663	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	33100	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	109866	20.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
7) Chloroethane-d5	2.885	69	92758	26.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.720%
11) 1,1-Dichloroethene-d2	4.025	63	147329	21.537	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.160%
21) 2-Butanone-d5	7.080	46	56750	56.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.760%
24) Chloroform-d	7.653	84	199686	26.413	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.640%
26) 1,2-Dichloroethane-d4	8.305	65	100927	24.341	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.360%
32) Benzene-d6	8.275	84	334618	37.295	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	149.160%#
36) 1,2-Dichloropropane-d6	9.274	67	104153	41.325	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	165.280%#
41) Toluene-d8	10.323	98	255903	29.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.120%
43) trans-1,3-Dichloroprop...	10.579	79	28941	24.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.760%
47) 2-Hexanone-d5	10.927	63	41097	85.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.840%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	87179	37.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	148.440%#
66) 1,2-Dichlorobenzene-d4	13.847	152	37599	32.495	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	24457	17.386	ug/L	97
3) Chloromethane	2.221	50	70764	26.033	ug/L	100
5) Vinyl chloride	2.361	62	131549	24.114	ug/L	99
6) Bromomethane	2.782	94	82533	23.563	ug/L	97
8) Chloroethane	2.922	64	77122	29.310	ug/L	99
9) Trichlorofluoromethane	3.263	101	64604	25.910	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	90903	24.382	ug/L	96
12) 1,1-Dichloroethene	4.044	96	74788	22.629	ug/L	89
13) Acetone	4.123	43	43630	57.894	ug/L	97
14) Carbon disulfide	4.385	76	168270	18.571	ug/L	100
15) Methyl Acetate	4.666	43	36907	24.377	ug/L	95
16) Methylene chloride	4.922	84	96239	25.488	ug/L	93
17) trans-1,2-Dichloroethene	5.422	96	83512	22.454	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	166262	29.284	ug/L	99
19) 1,1-Dichloroethane	6.220	63	162920	25.846	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	94620	23.686	ug/L #	99
22) 2-Butanone	7.171	43	54541	51.750	ug/L	98
23) Bromochloromethane	7.519	128	45275	24.200	ug/L	87
25) Chloroform	7.671	83	178044	25.544	ug/L	96

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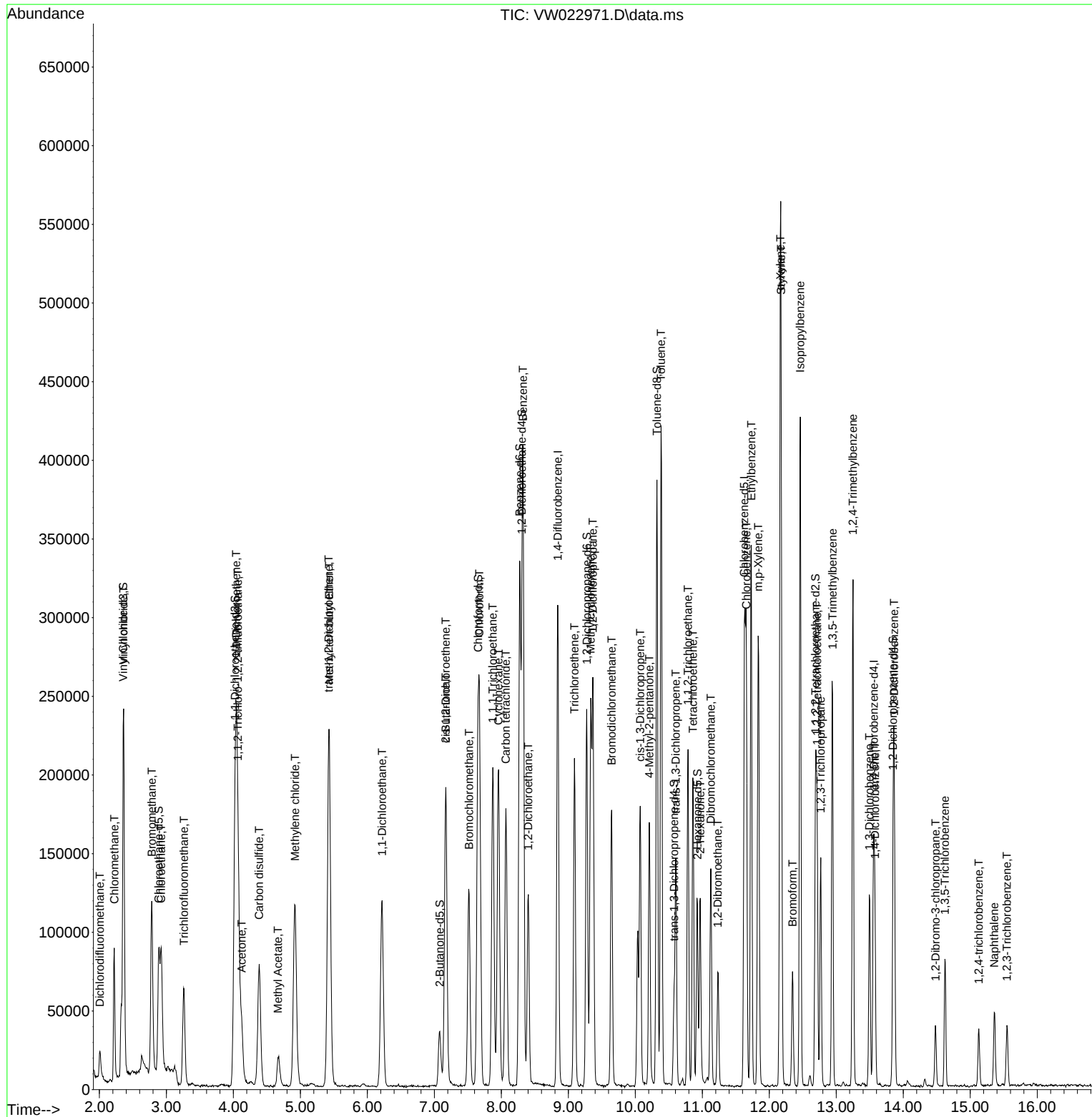
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	107489	23.135	ug/L	99
29) Cyclohexane	7.958	56	107370	31.894	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	161469	43.894	ug/L	99
31) Carbon tetrachloride	8.067	117	129155	37.533	ug/L	98
33) Benzene	8.323	78	343751	37.486	ug/L	100
34) Trichloroethene	9.092	95	70432	27.928	ug/L	96
35) Methylcyclohexane	9.335	83	96900	23.389	ug/L	99
37) 1,2-Dichloropropane	9.366	63	86678	39.059	ug/L	99
38) Bromodichloromethane	9.646	83	113194	35.912	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	100298	29.148	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	103346	73.886	ug/L	98
42) Toluene	10.384	91	307085	29.881	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	74545	24.272	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	64598	34.821	ug/L	96
46) Tetrachloroethene	10.860	164	39639	20.915	ug/L	87
48) 2-Hexanone	10.969	43	74992	80.242	ug/L	95
49) Dibromochloromethane	11.128	129	67479	30.222	ug/L	98
50) 1,2-Dibromoethane	11.231	107	47226	25.352	ug/L	91
51) Chlorobenzene	11.658	112	144611	21.344	ug/L	97
52) Ethylbenzene	11.731	91	241977	21.164	ug/L	99
53) m,p-Xylene	11.835	106	94471	20.970	ug/L	98
54) o-Xylene	12.164	106	119732	27.696	ug/L	96
55) Styrene	12.176	104	134572	18.319	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	77994	33.660	ug/L	92
59) Bromoform	12.347	173	30102	64.172	ug/L	98
60) Isopropylbenzene	12.463	105	273472	60.309	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	54503	82.409	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	138402	54.861	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	168940	44.599	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	48262	23.838	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	41754	19.967	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	55080	29.731	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	9172	63.456	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	23157	17.232	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	9868	9.128	ug/L	96
71) Naphthalene	15.359	128	41420	17.629	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	10422	10.878	ug/L	87

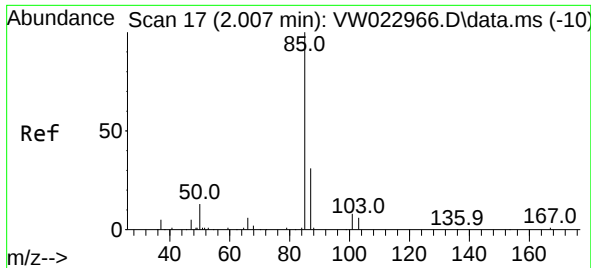
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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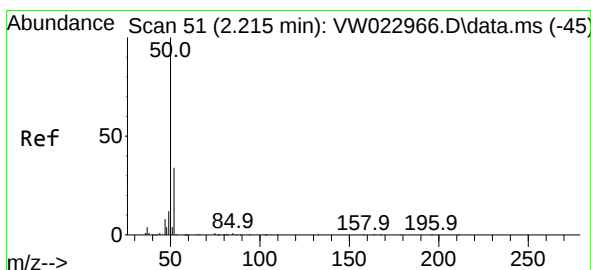
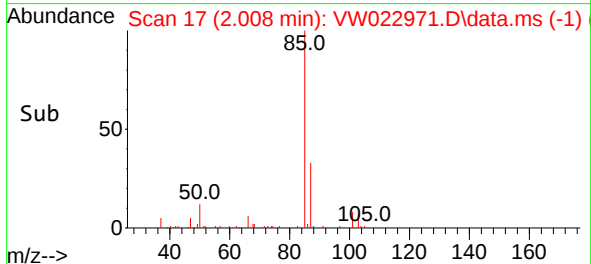
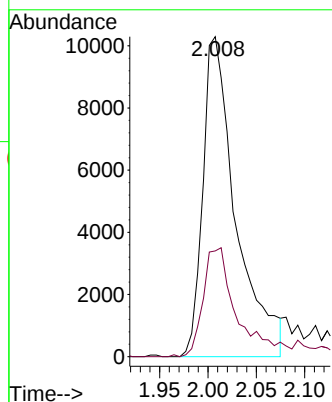
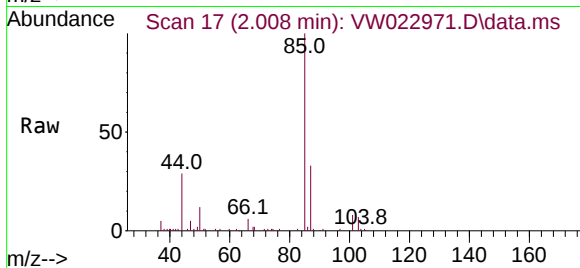




#2
 Dichlorodifluoromethane
 Concen: 17.386 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022971.D
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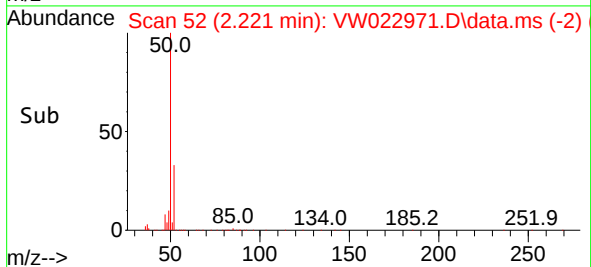
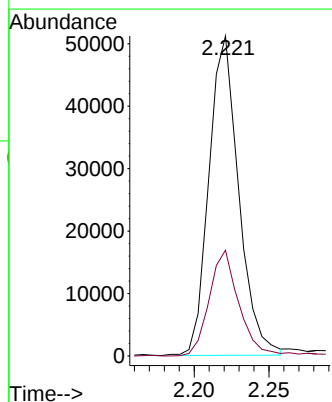
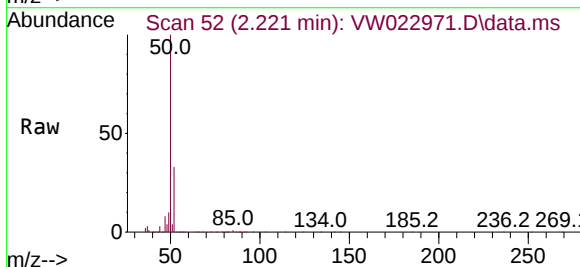
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 ClientSampleId :
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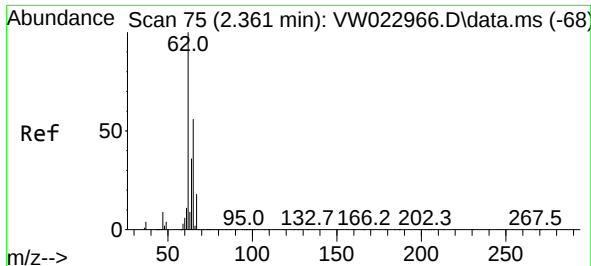
Tgt Ion: 85 Resp: 24457
 Ion Ratio Lower Upper
 85 100
 87 33.3 27.8 41.8



#3
 Chloromethane
 Concen: 26.033 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW022971.D
 Acq: 11 May 2022 11:18

Tgt Ion: 50 Resp: 70764
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.1 42.9

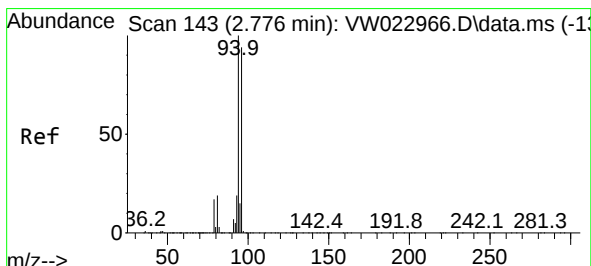
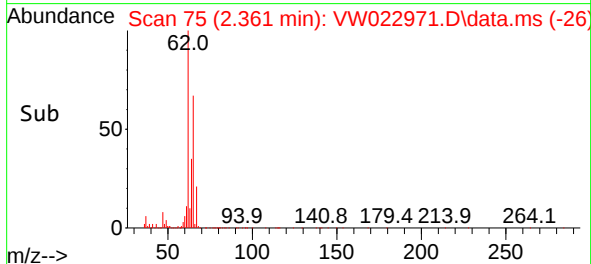
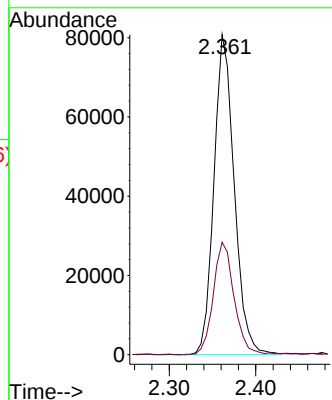
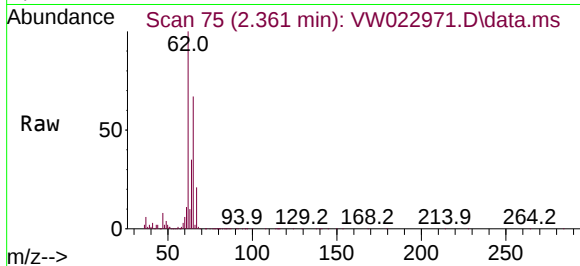




#5
 Vinyl chloride
 Concen: 24.114 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022971.D
 Acq: 11 May 2022 11:18

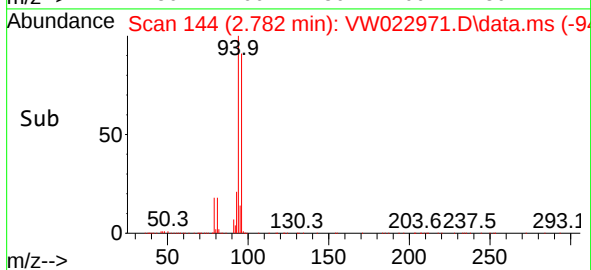
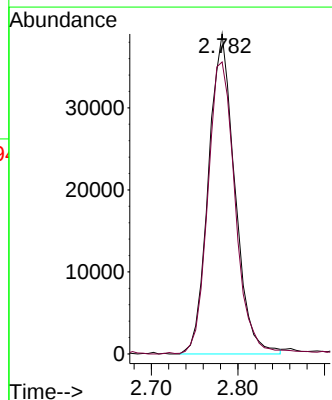
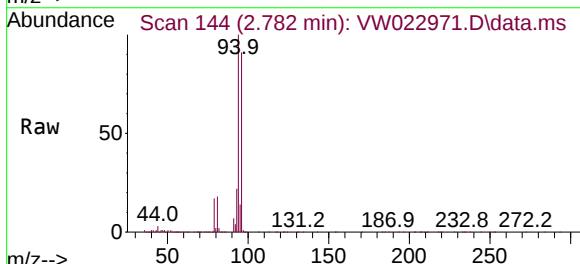
Instrument :
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 ClientSampleId :
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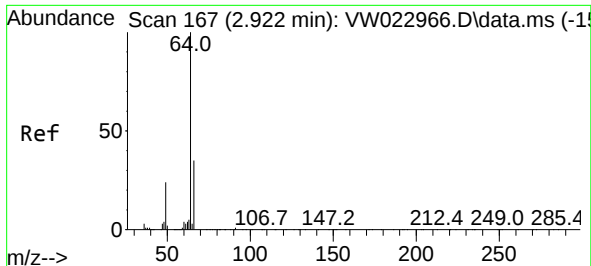
Tgt Ion: 62 Resp: 131549
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.9 46.3



#6
 Bromomethane
 Concen: 23.563 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW022971.D
 Acq: 11 May 2022 11:18

Tgt Ion: 94 Resp: 82533
 Ion Ratio Lower Upper
 94 100
 96 91.3 61.7 114.5

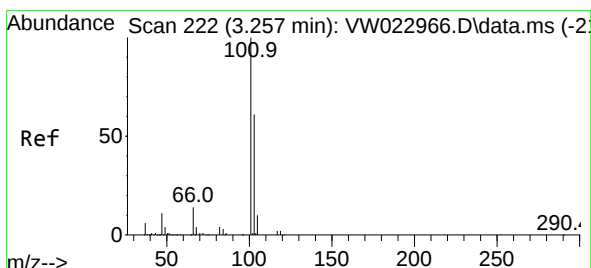
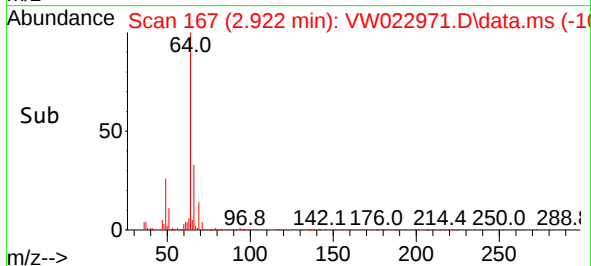
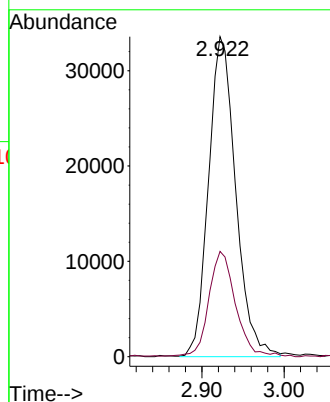
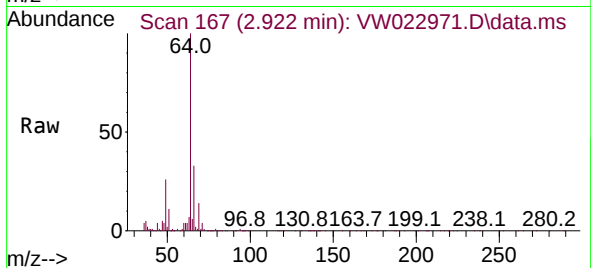




#8
Chloroethane
Concen: 29.310 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

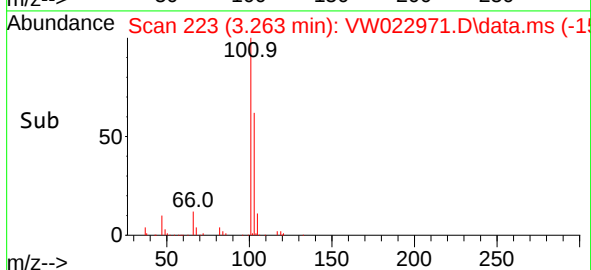
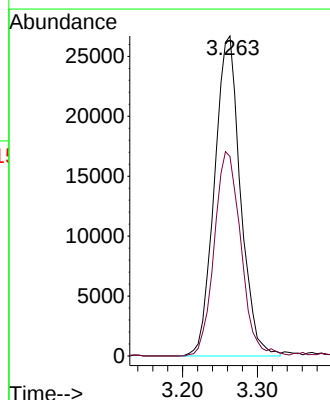
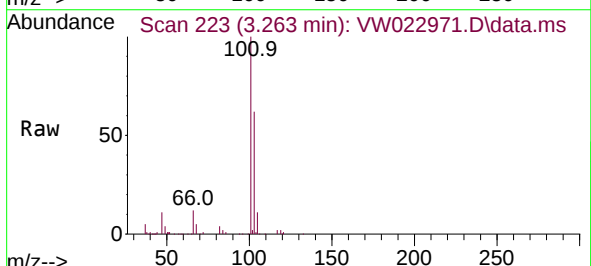
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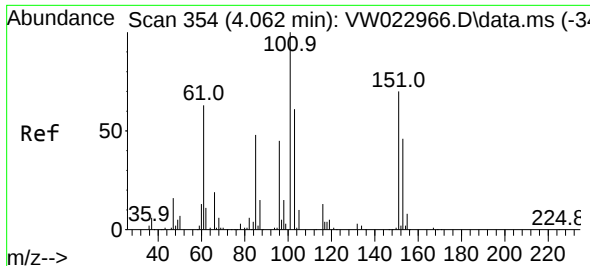
Tgt Ion: 64 Resp: 77122
Ion Ratio Lower Upper
64 100
66 32.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 25.910 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion: 101 Resp: 64604
Ion Ratio Lower Upper
101 100
103 64.7 53.9 80.9

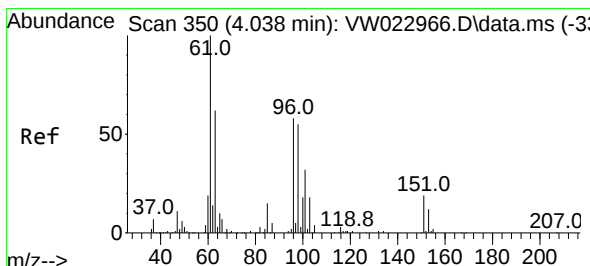
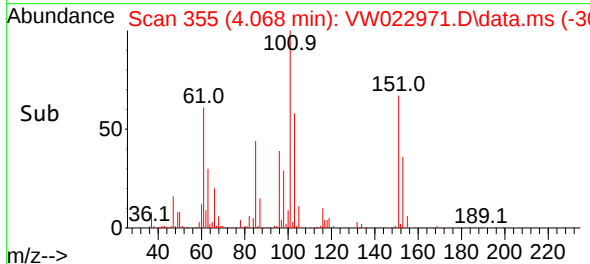
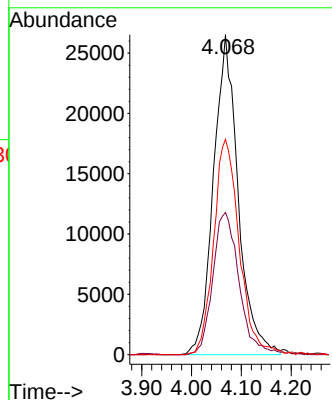
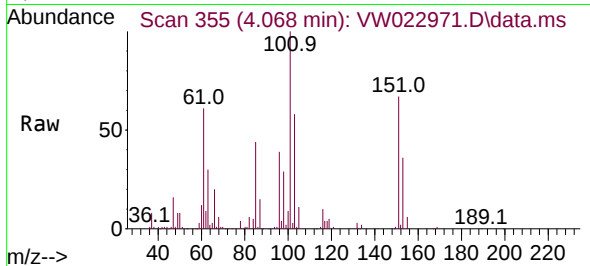




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.382 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW022971.D
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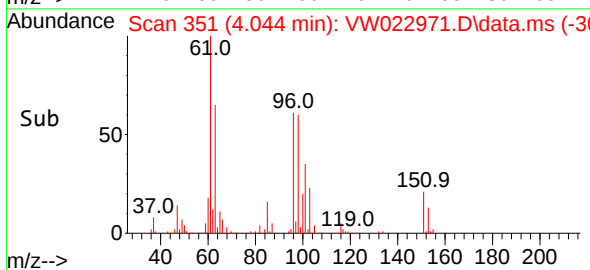
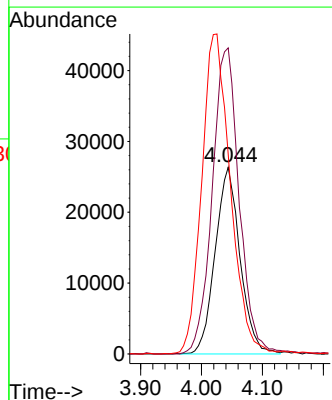
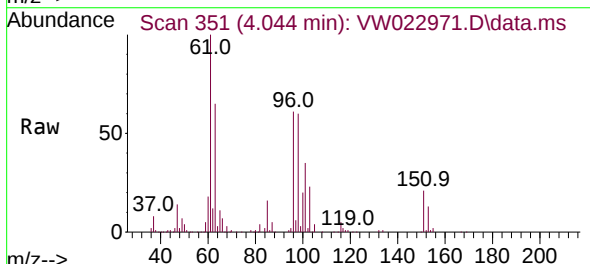
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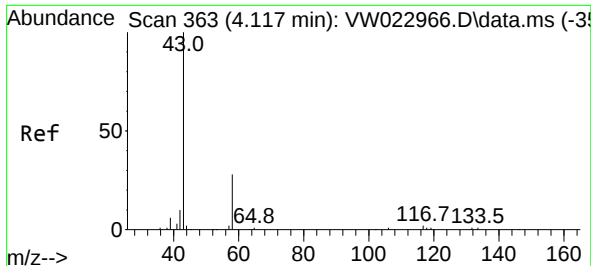
Tgt Ion:101 Resp: 90903
 Ion Ratio Lower Upper
 101 100
 85 47.5 34.3 51.5
 151 69.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.629 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW022971.D
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Tgt Ion: 96 Resp: 74788
 Ion Ratio Lower Upper
 96 100
 61 163.9 125.7 233.5
 63 107.0 83.4 155.0

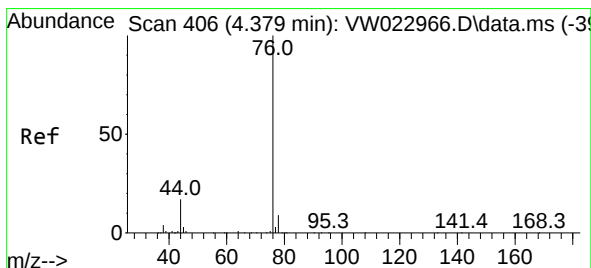
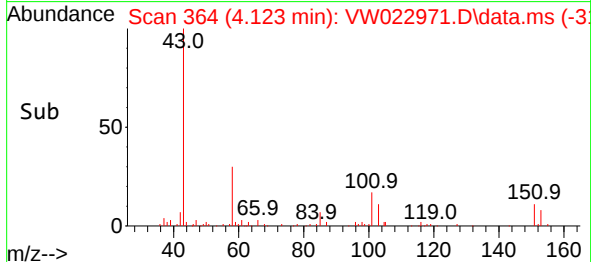
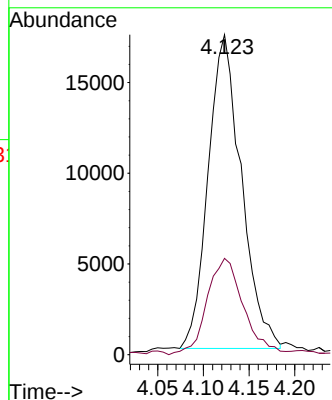
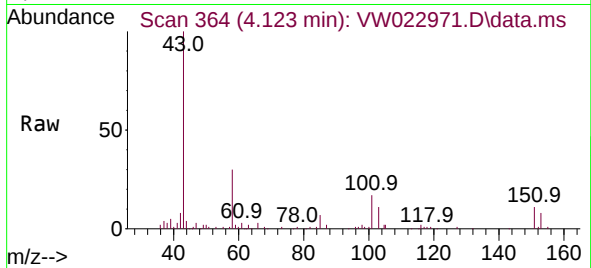




#13
Acetone
Concen: 57.894 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
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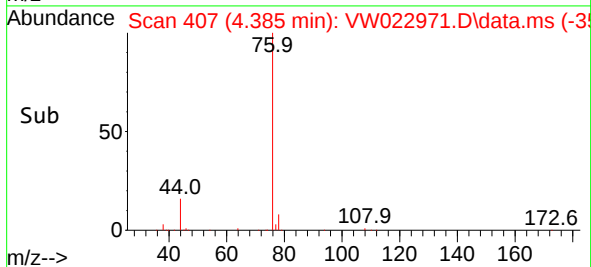
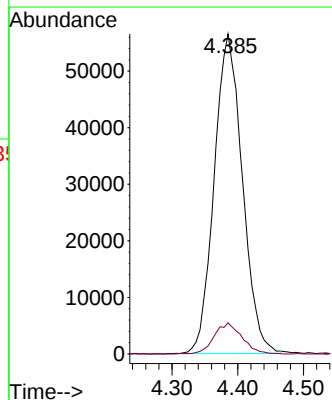
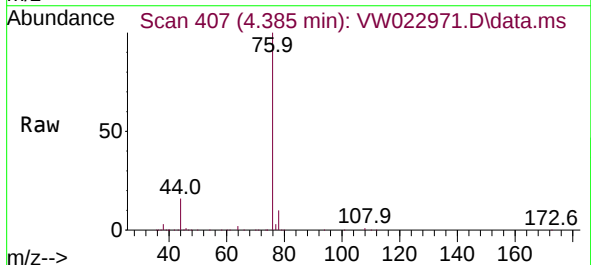
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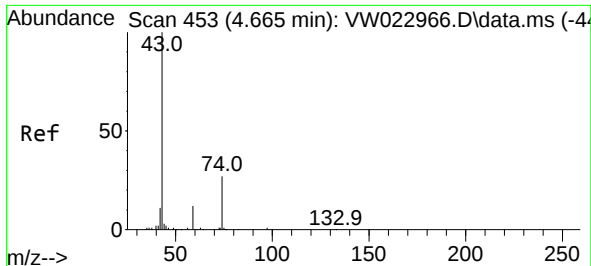
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Ion Ratio Lower Upper
43 100
58 33.7 0.0 64.0



#14
Carbon disulfide
Concen: 18.571 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 168270
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5

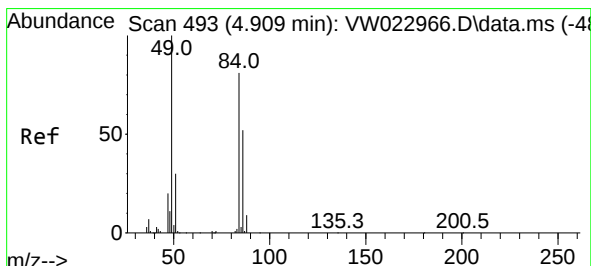
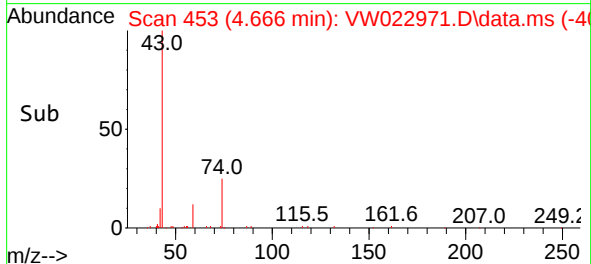
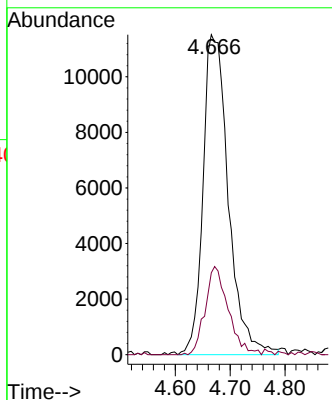
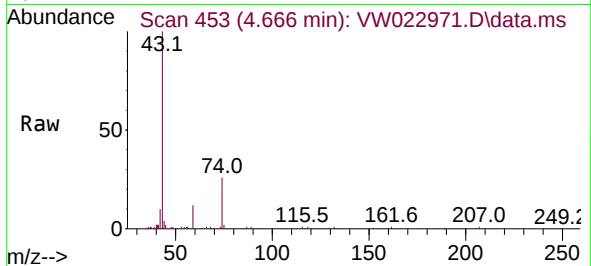




#15
Methyl Acetate
Concen: 24.377 ug/L
RT: 4.666 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

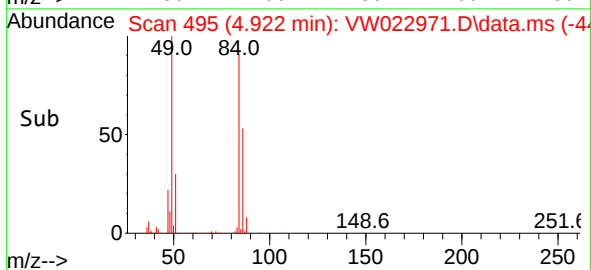
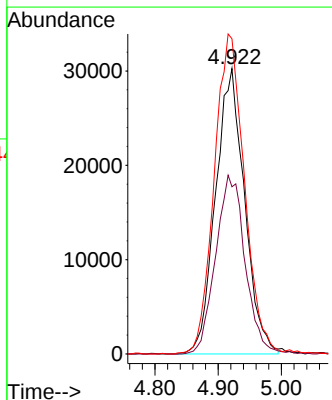
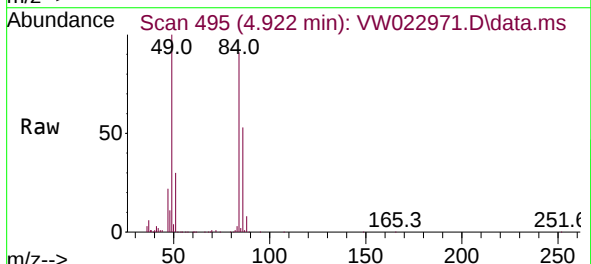
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMS

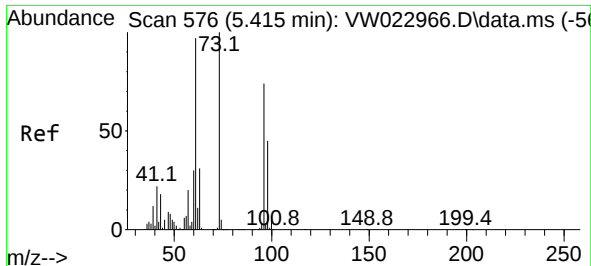
Tgt Ion: 43 Resp: 36907
Ion Ratio Lower Upper
43 100
74 24.5 21.9 32.9



#16
Methylene chloride
Concen: 25.488 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion: 84 Resp: 96239
Ion Ratio Lower Upper
84 100
86 58.5 45.4 84.4
49 110.4 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 22.454 ug/L

RT: 5.422 min Scan# 5

Delta R.T. 0.006 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

Instrument :

MSVOA_W

ClientSampleId :

EW4F3REMS

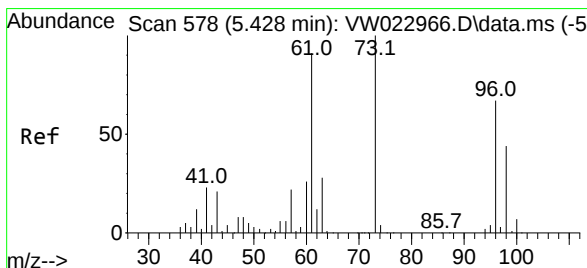
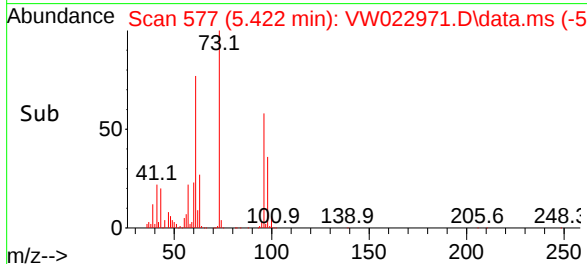
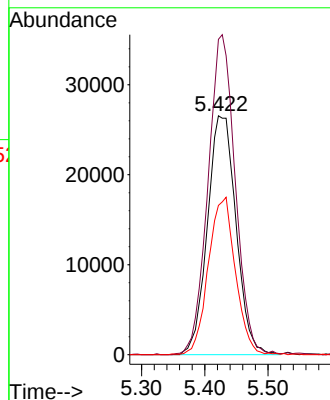
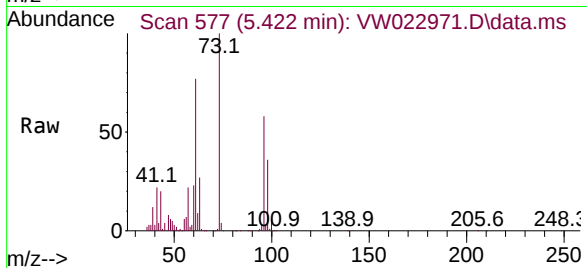
Tgt Ion: 96 Resp: 83512

Ion Ratio Lower Upper

96 100

61 132.0 92.2 171.2

98 62.5 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 29.284 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

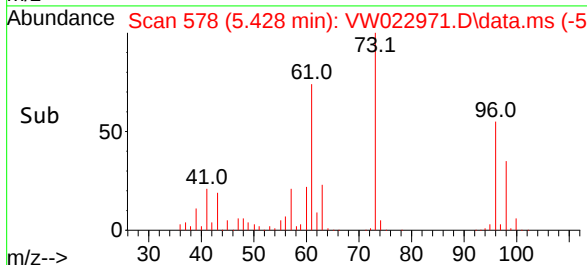
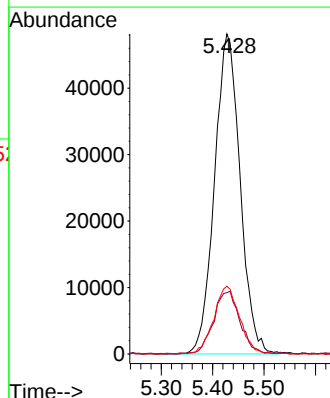
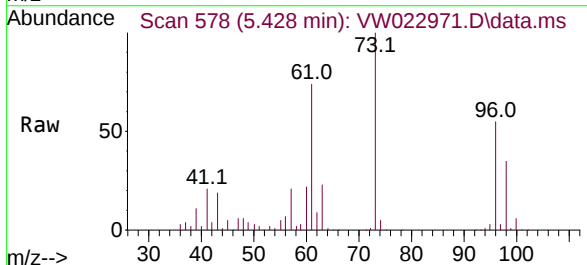
Tgt Ion: 73 Resp: 166262

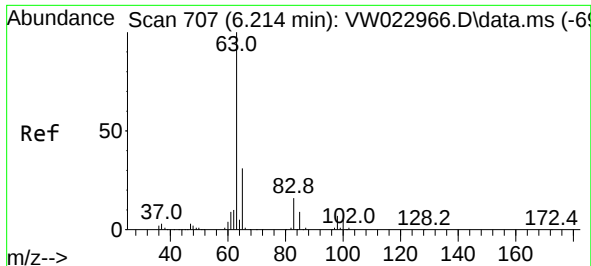
Ion Ratio Lower Upper

73 100

43 20.0 15.9 23.9

57 21.3 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.846 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

Instrument :

MSVOA_W

ClientSampleId :

EW4F3REMS

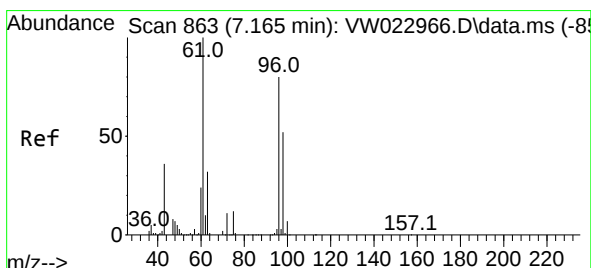
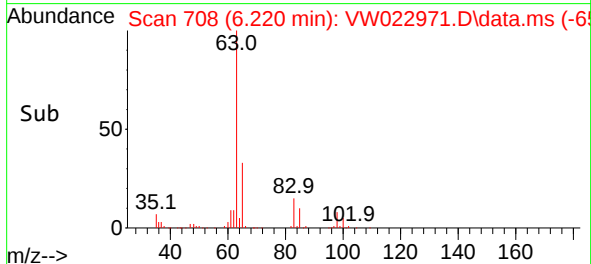
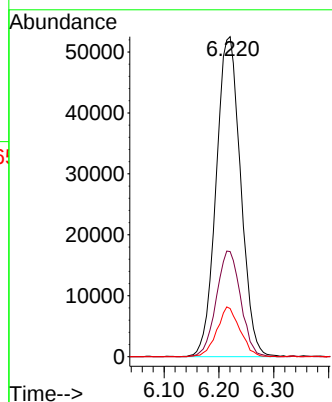
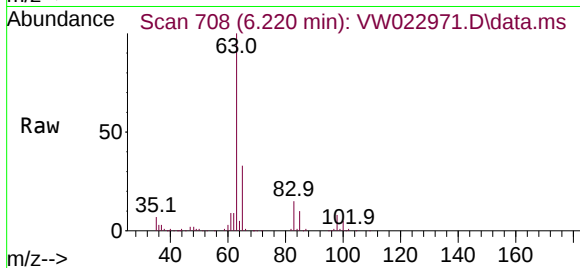
Tgt Ion: 63 Resp: 162920

Ion Ratio Lower Upper

63 100

65 32.8 23.3 43.3

83 15.0 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.686 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

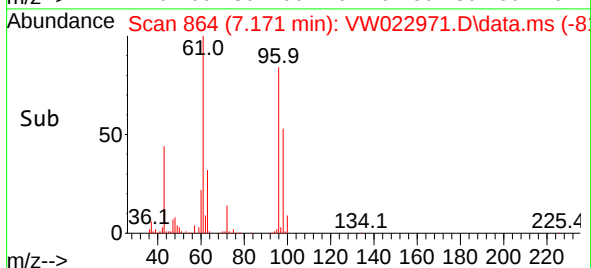
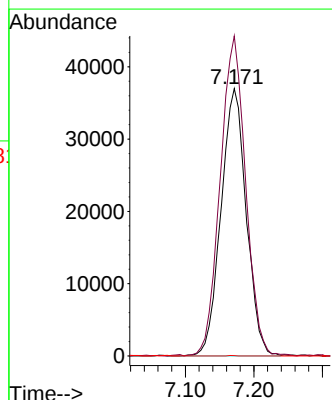
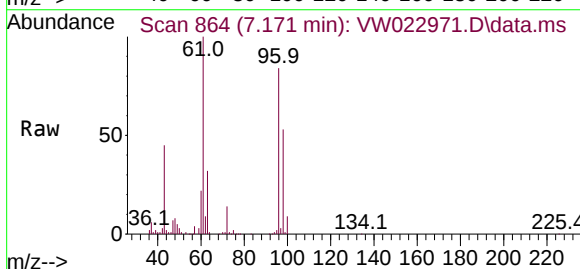
Tgt Ion: 96 Resp: 94620

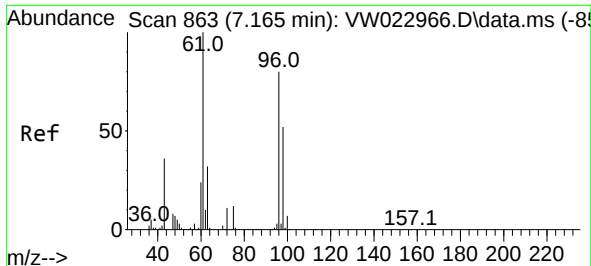
Ion Ratio Lower Upper

96 100

61 119.7 84.2 156.4

68 0.1 0.1 0.1#

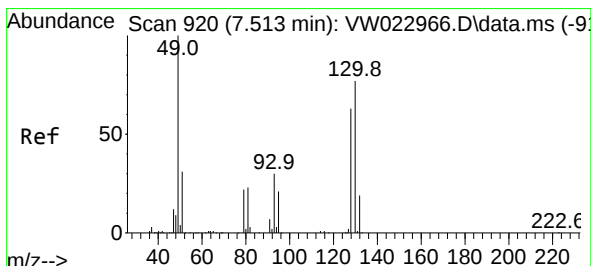
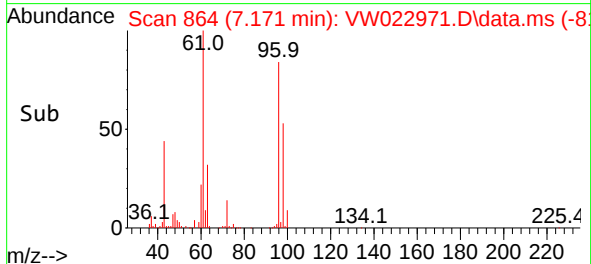
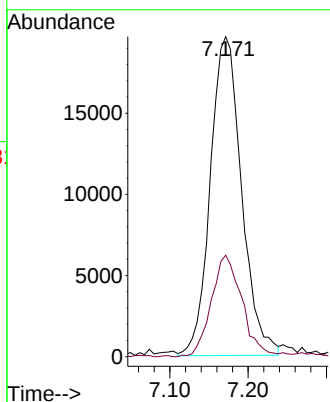
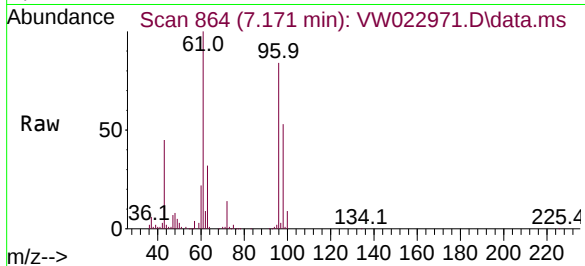




#22
2-Butanone
Concen: 51.750 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

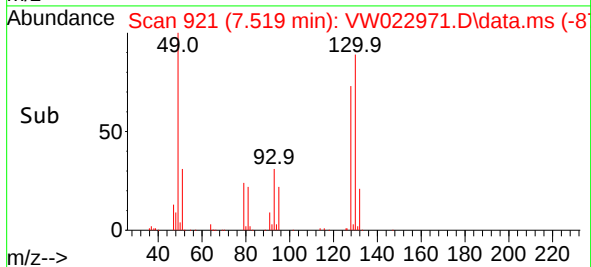
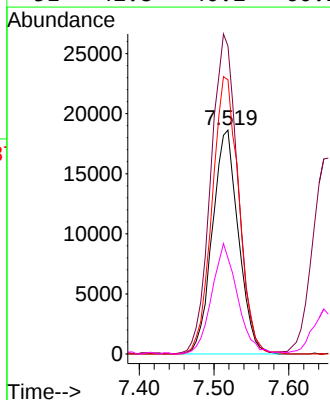
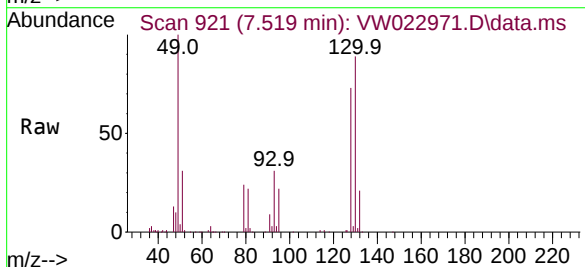
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMS

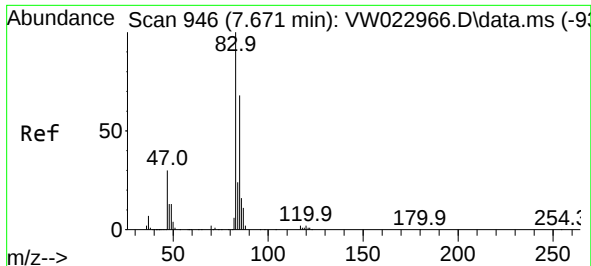
Tgt Ion: 43 Resp: 54541
Ion Ratio Lower Upper
43 100
72 31.1 15.1 45.3



#23
Bromochloromethane
Concen: 24.200 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion: 128 Resp: 45275
Ion Ratio Lower Upper
128 100
49 137.5 110.0 204.4
130 122.6 94.8 176.0
51 42.8 40.2 60.2

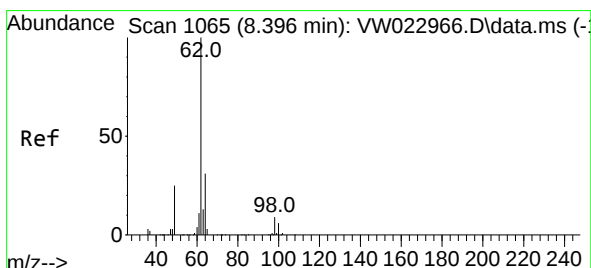
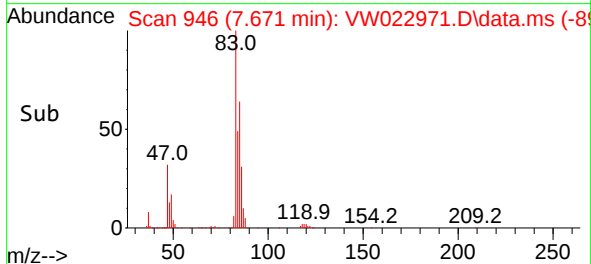
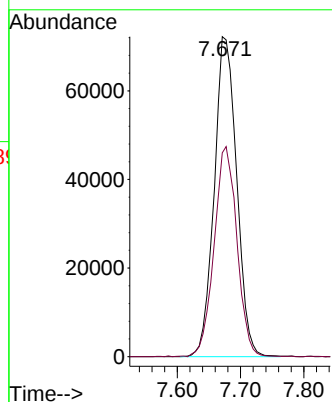
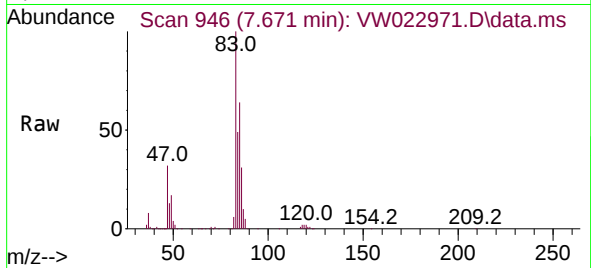




#25
Chloroform
Concen: 25.544 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

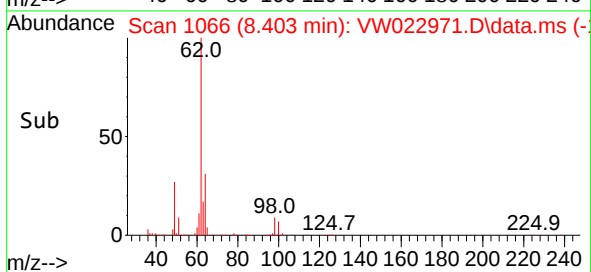
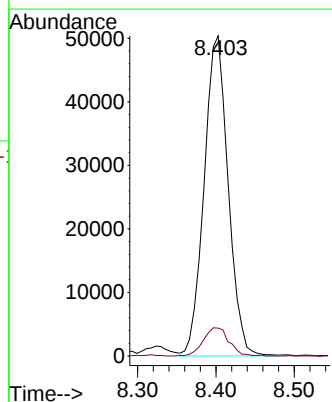
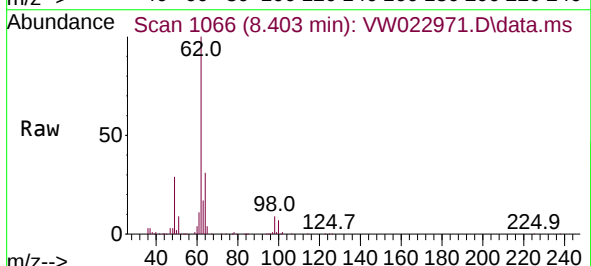
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMS

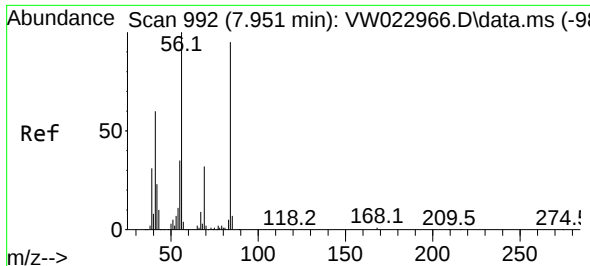
Tgt Ion: 83 Resp: 178044
Ion Ratio Lower Upper
83 100
85 63.7 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.135 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion: 62 Resp: 107489
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8

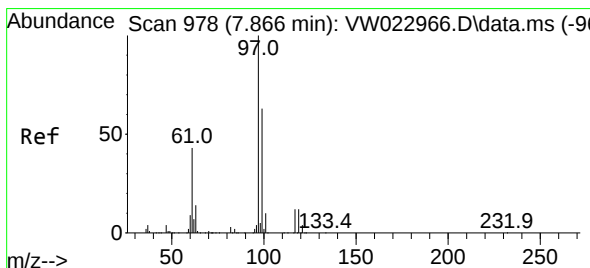
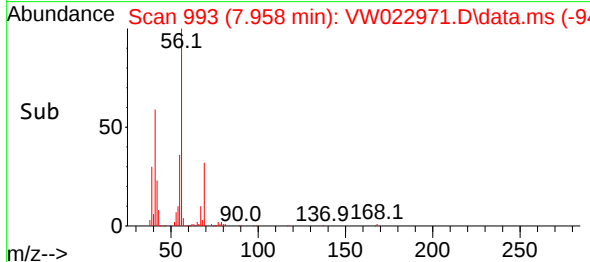
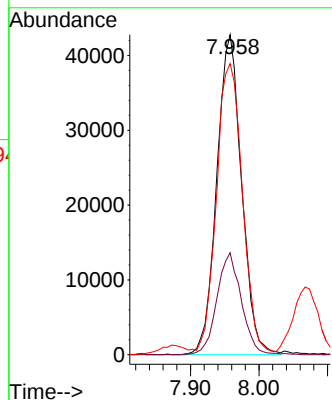
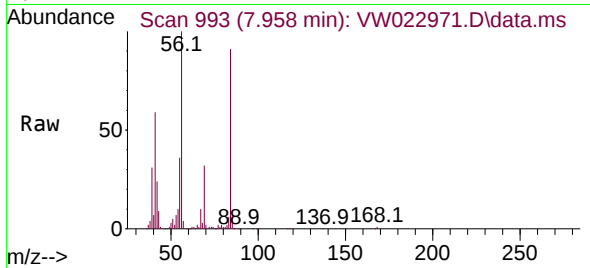




#29
Cyclohexane
Concen: 31.894 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

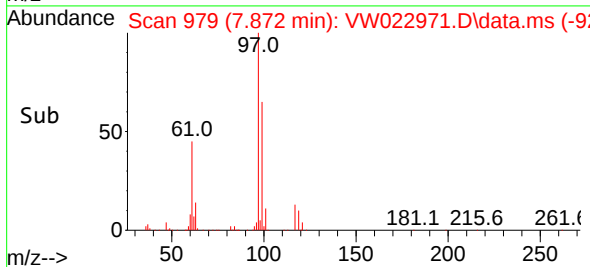
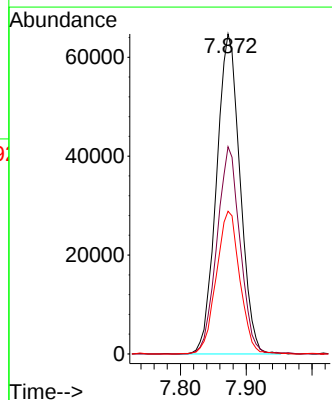
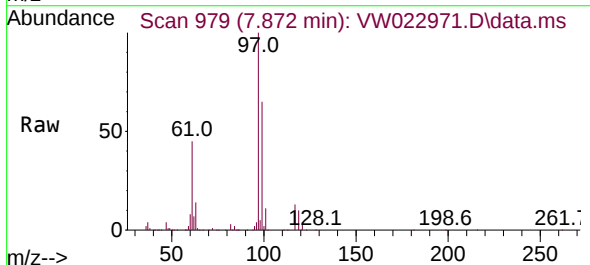
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMS

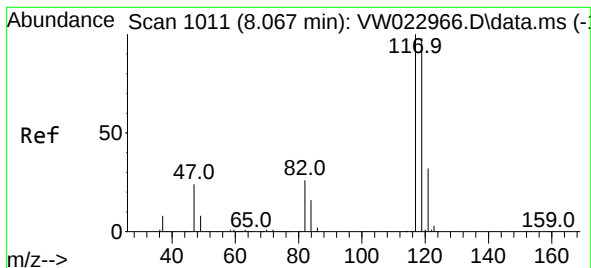
Tgt Ion: 56 Resp: 107370
Ion Ratio Lower Upper
56 100
69 31.3 25.6 38.4
84 94.4 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 43.894 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion: 97 Resp: 161469
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 44.7 34.8 52.2

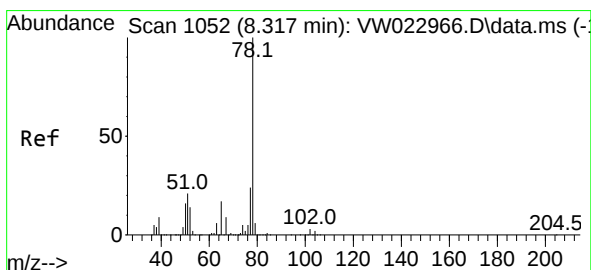
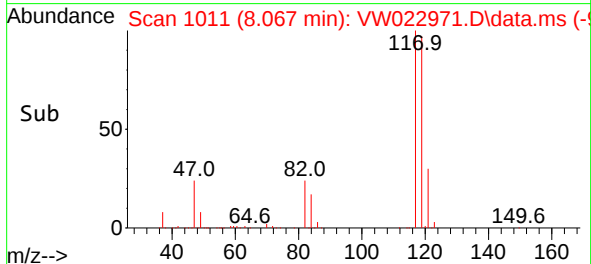
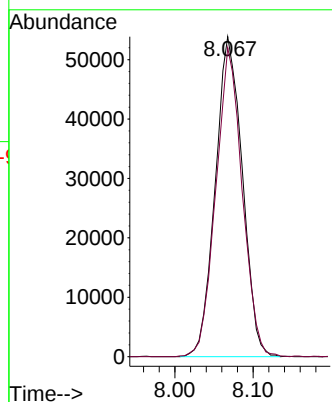
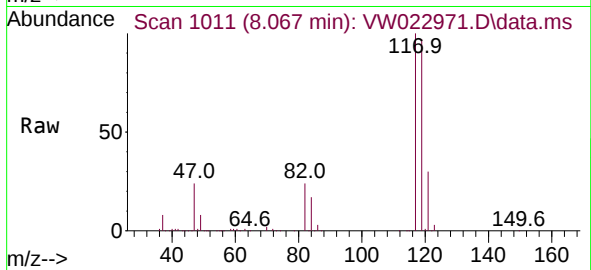




#31
Carbon tetrachloride
Concen: 37.533 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

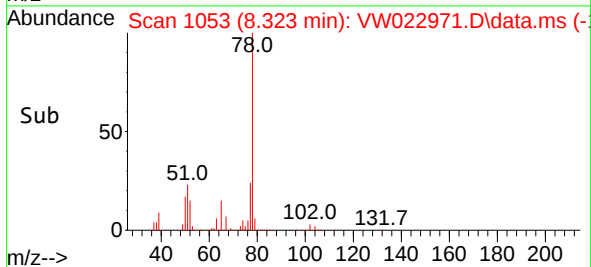
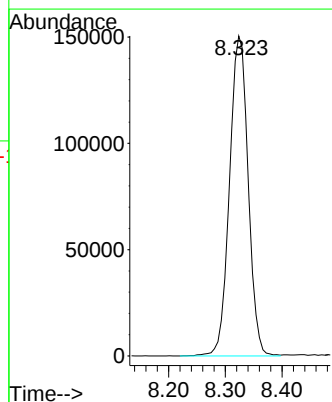
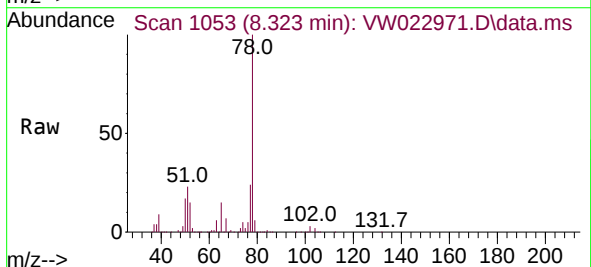
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMS

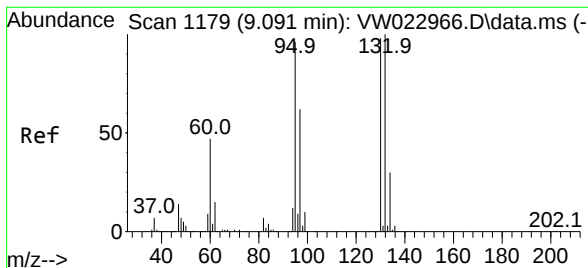
Tgt Ion:117 Resp: 129155
Ion Ratio Lower Upper
117 100
119 94.2 76.6 115.0



#33
Benzene
Concen: 37.486 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion: 78 Resp: 343751





#34

Trichloroethene

Concen: 27.928 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

Instrument :

MSVOA_W

ClientSampleId :

EW4F3REMS

Tgt Ion: 95 Resp: 70432

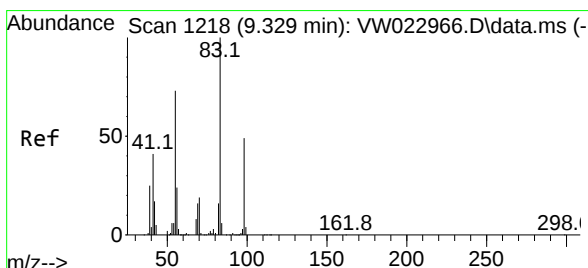
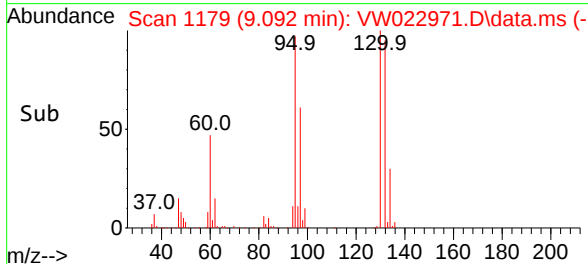
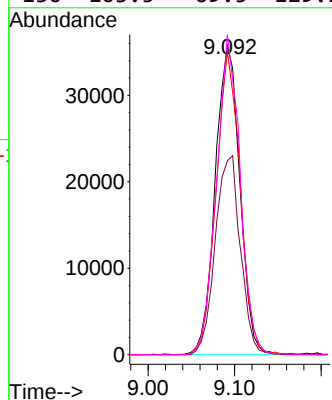
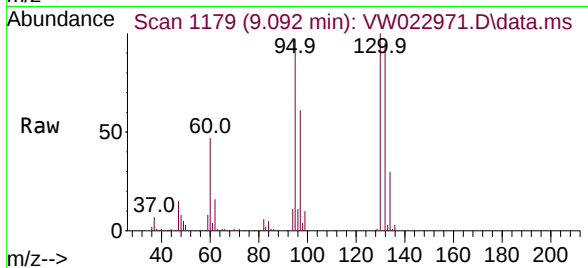
Ion Ratio Lower Upper

95 100

97 62.7 46.1 85.7

132 98.1 66.9 124.3

130 103.5 69.5 129.1



#35

Methylcyclohexane

Concen: 23.389 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

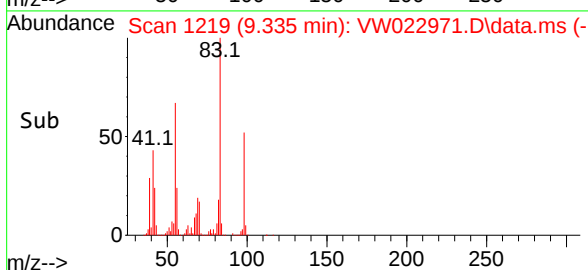
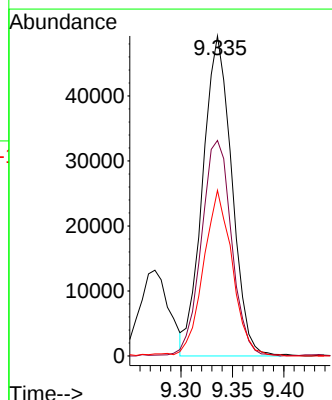
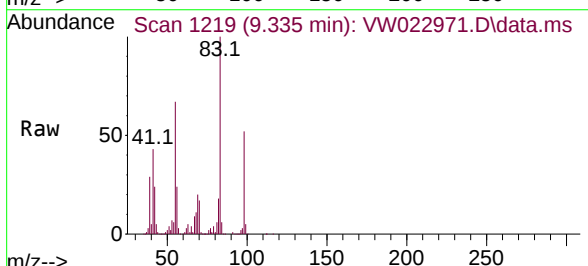
Tgt Ion: 83 Resp: 96900

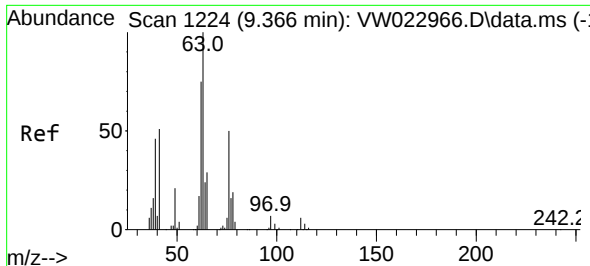
Ion Ratio Lower Upper

83 100

55 69.8 55.1 82.7

98 51.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 39.059 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

Instrument :

MSVOA_W

ClientSampleId :

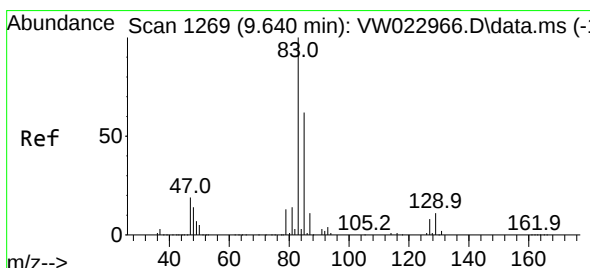
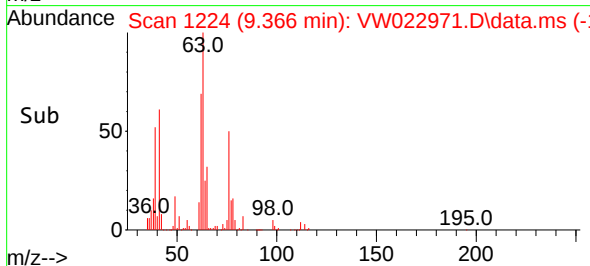
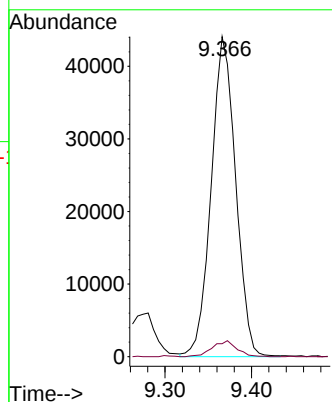
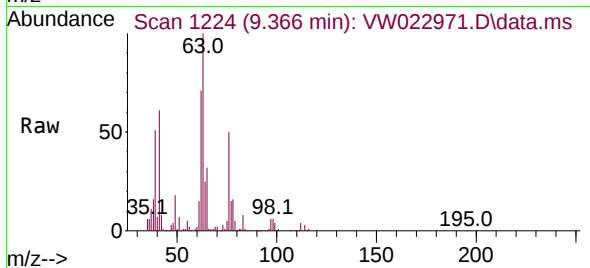
EW4F3REMS

Tgt Ion: 63 Resp: 86678

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 35.912 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

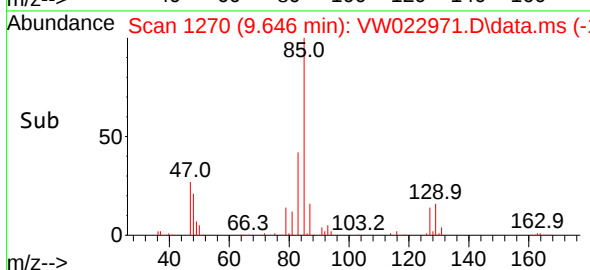
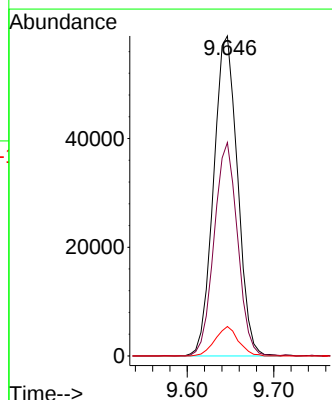
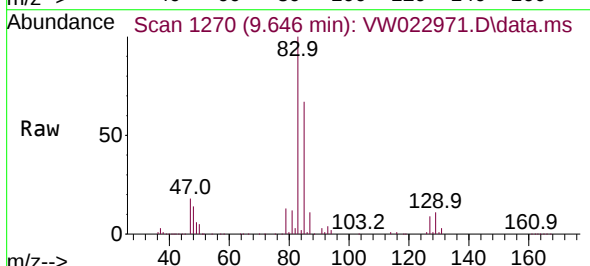
Tgt Ion: 83 Resp: 113194

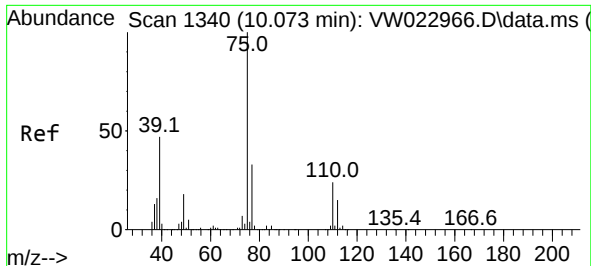
Ion Ratio Lower Upper

83 100

85 66.7 43.5 80.7

127 9.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 29.148 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

Instrument :

MSVOA_W

ClientSampleId :

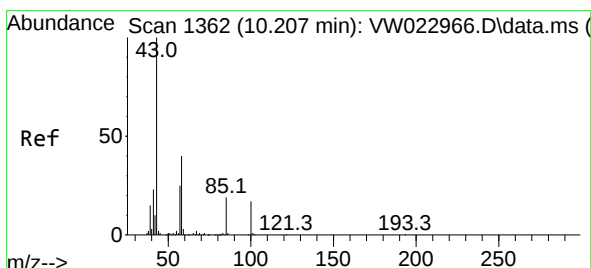
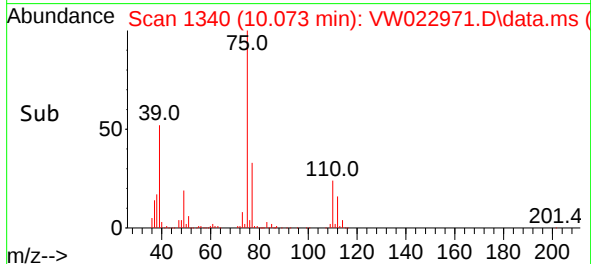
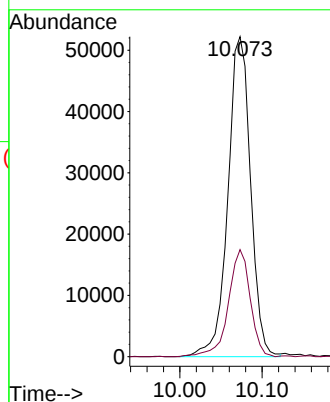
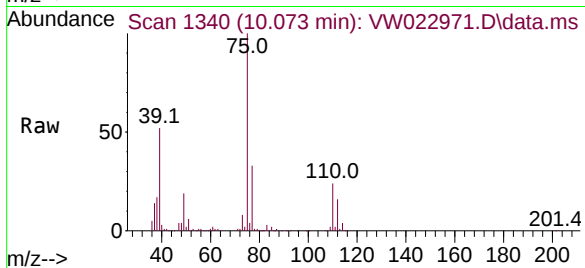
EW4F3REMS

Tgt Ion: 75 Resp: 100298

Ion Ratio Lower Upper

75 100

77 33.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 73.886 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

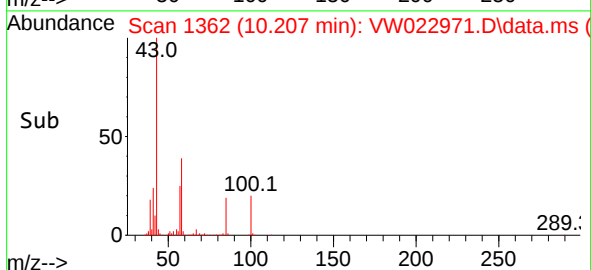
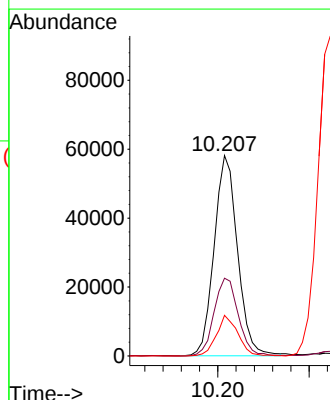
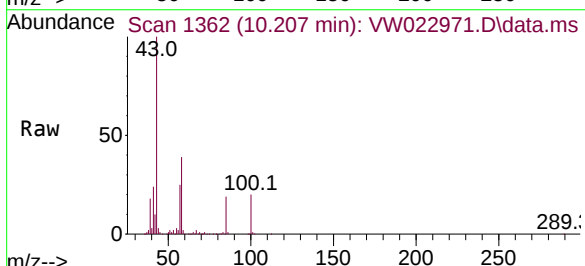
Tgt Ion: 43 Resp: 103346

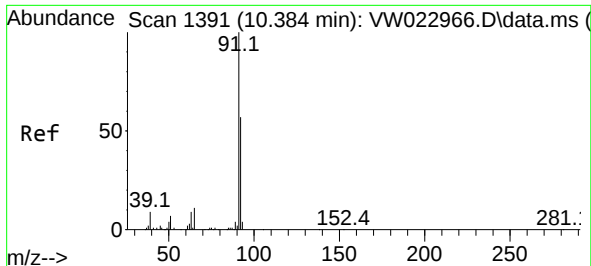
Ion Ratio Lower Upper

43 100

58 40.3 31.4 47.2

100 18.6 14.2 21.4

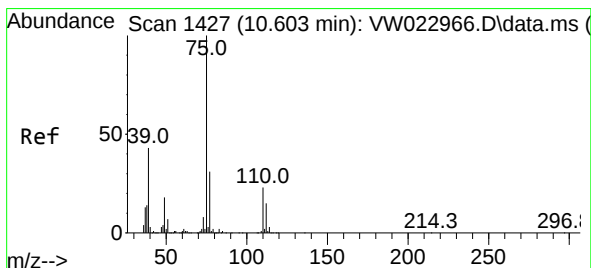
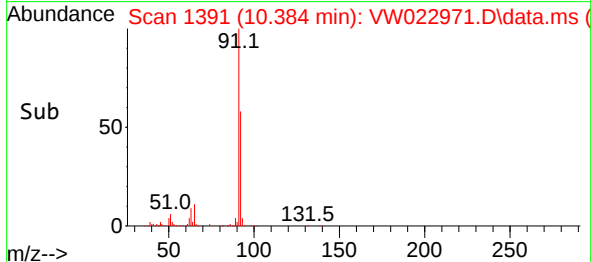
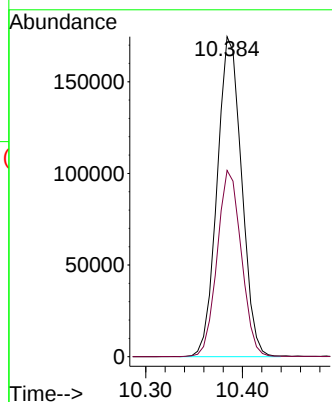
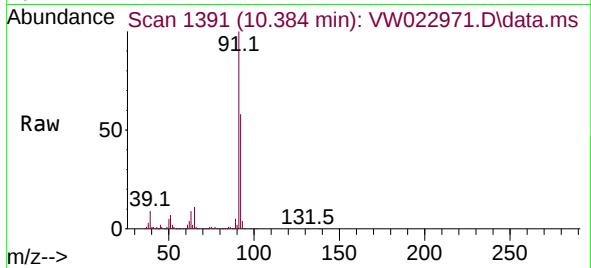




#42
Toluene
Concen: 29.881 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

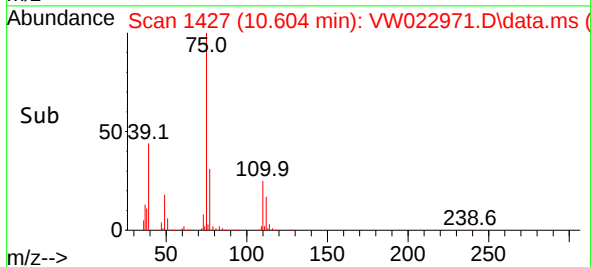
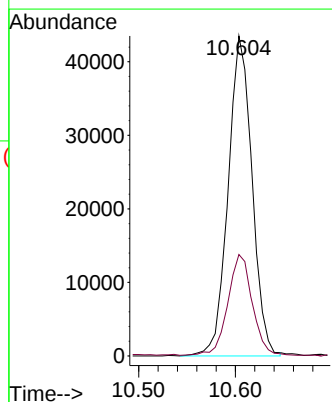
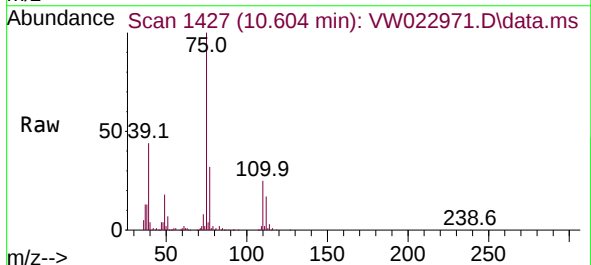
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMS

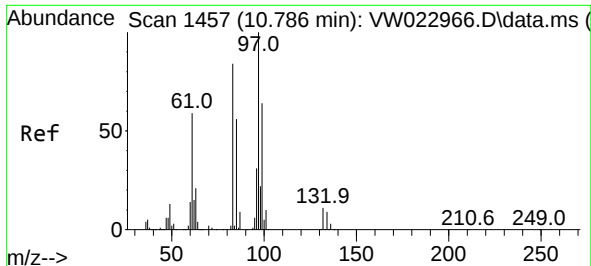
Tgt Ion: 91 Resp: 307085
Ion Ratio Lower Upper
91 100
92 58.2 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.272 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion: 75 Resp: 74545
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8

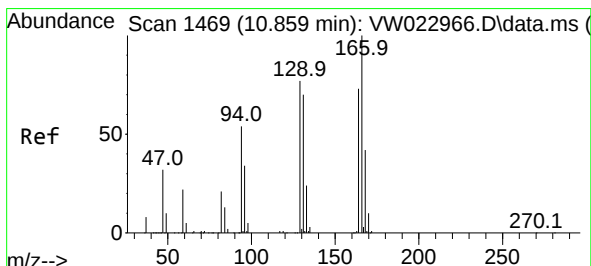
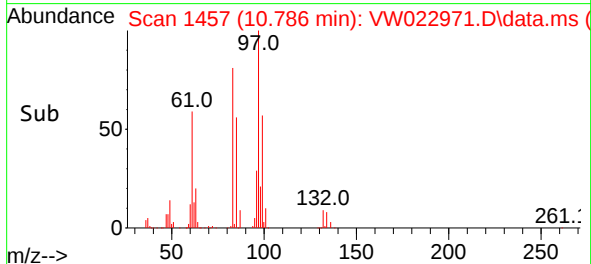
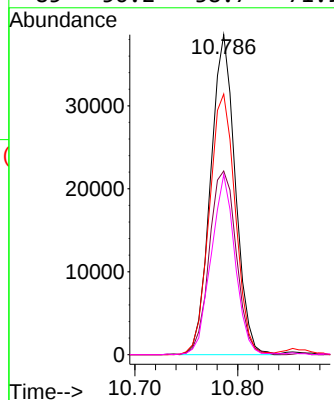
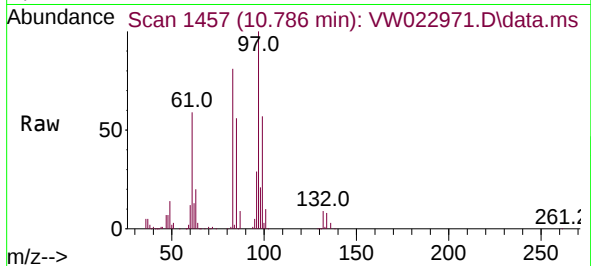




#45
1,1,2-Trichloroethane
Concen: 34.821 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

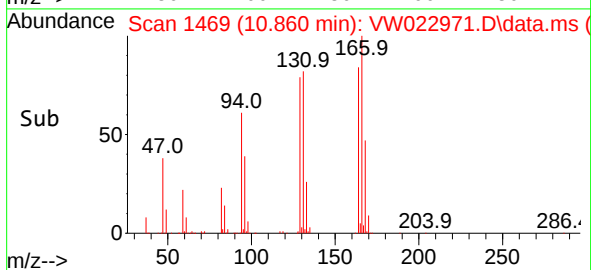
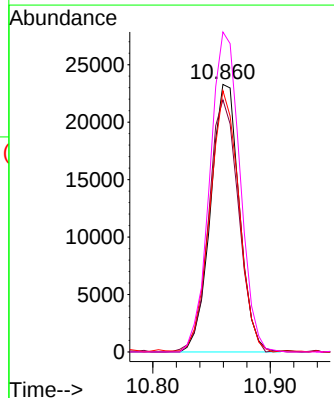
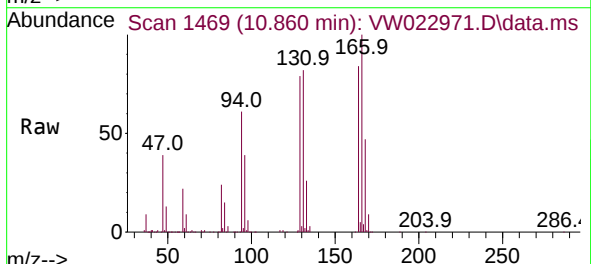
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMS

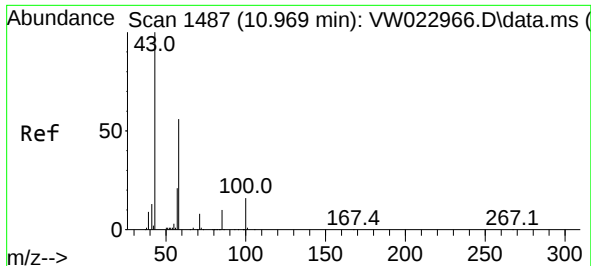
Tgt Ion:	97	Resp:	64598
Ion	Ratio	Lower	Upper
97	100		
99	57.4	44.7	82.9
83	81.5	58.4	108.4
85	56.2	38.7	71.9



#46
Tetrachloroethene
Concen: 20.915 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion:	164	Resp:	39639
Ion	Ratio	Lower	Upper
164	100		
129	94.2	76.9	142.7
131	97.6	75.1	139.5
166	119.6	96.0	178.2

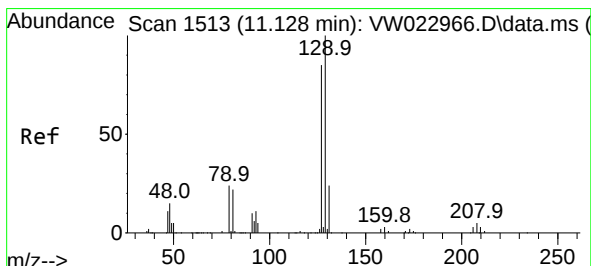
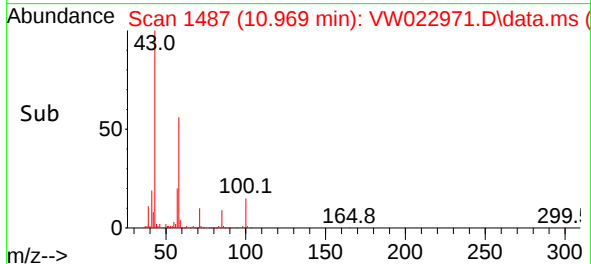
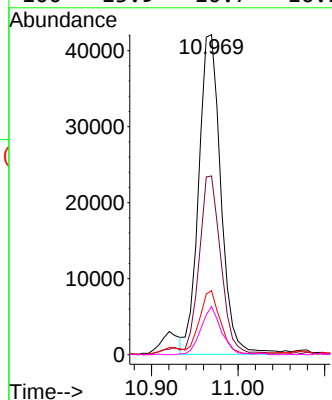
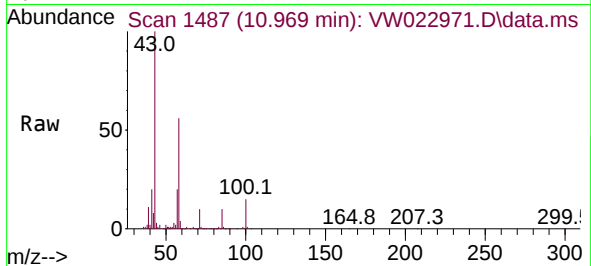




#48
2-Hexanone
Concen: 80.242 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

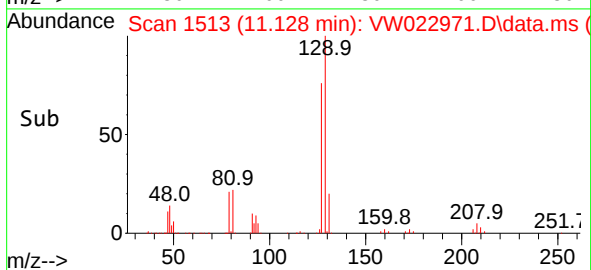
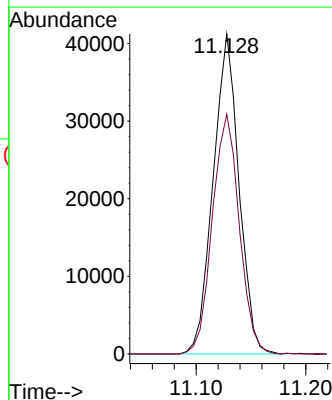
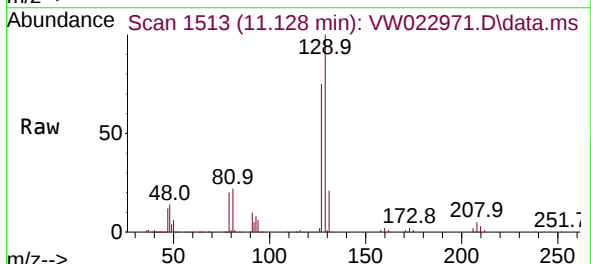
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMS

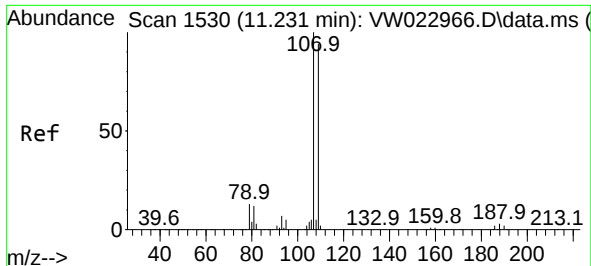
Tgt Ion:	43	Resp:	74992
Ion	Ratio	Lower	Upper
43	100		
58	52.9	45.9	68.9
57	19.0	16.2	24.2
100	13.9	10.7	16.1



#49
Dibromochloromethane
Concen: 30.222 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion:	129	Resp:	67479
Ion	Ratio	Lower	Upper
129	100		
127	74.9	53.8	100.0





#50

1,2-Dibromoethane

Concen: 25.352 ug/L

RT: 11.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

Instrument :

MSVOA_W

ClientSampleId :

EW4F3REMS

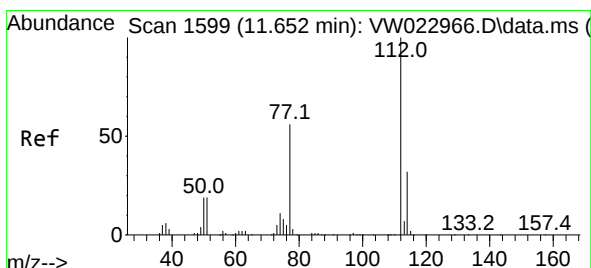
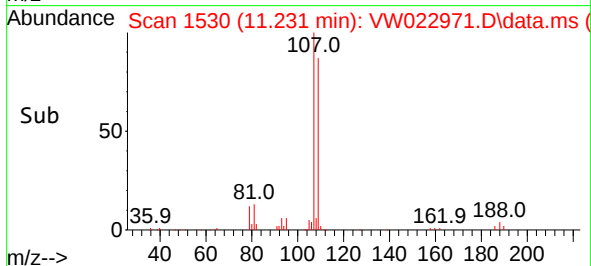
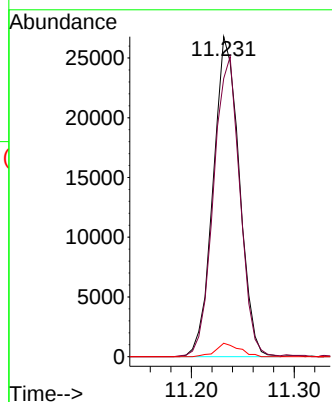
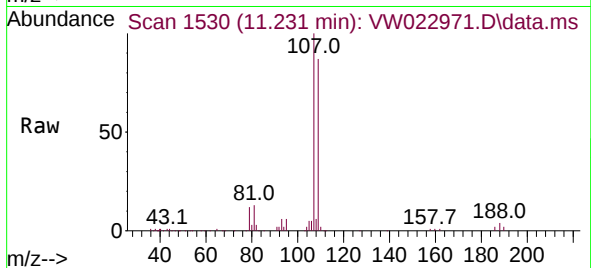
Tgt Ion:107 Resp: 47226

Ion Ratio Lower Upper

107 100

109 86.9 67.5 125.4

188 4.2 2.9 4.3



#51

Chlorobenzene

Concen: 21.344 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

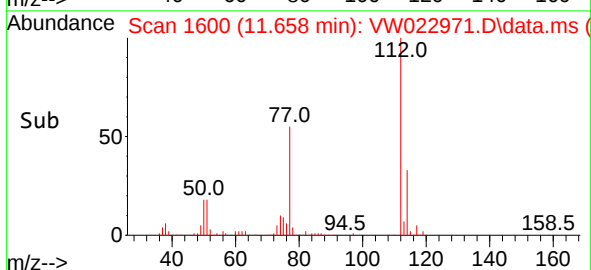
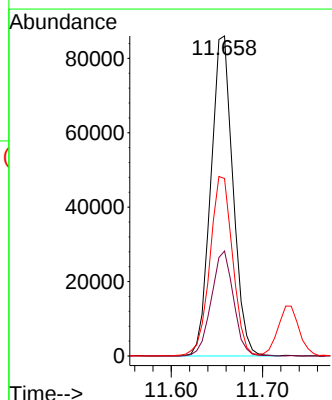
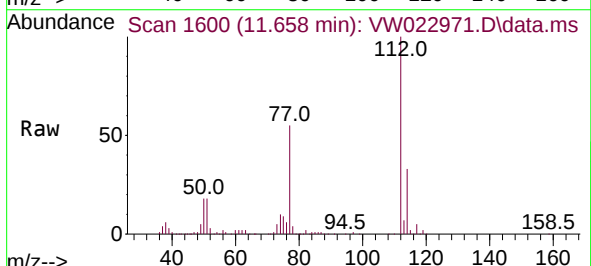
Tgt Ion:112 Resp: 144611

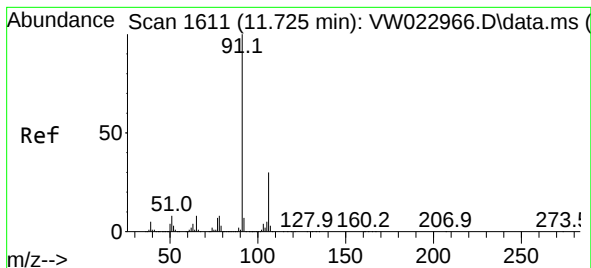
Ion Ratio Lower Upper

112 100

114 32.8 22.0 41.0

77 55.4 42.6 63.8

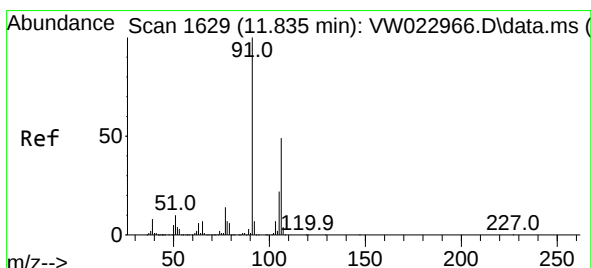
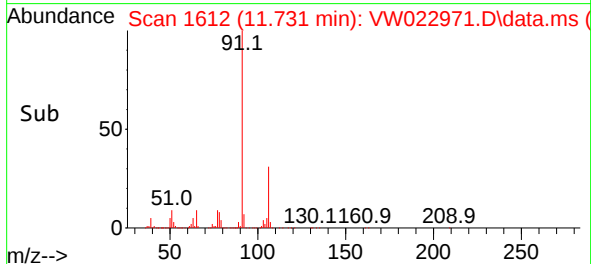
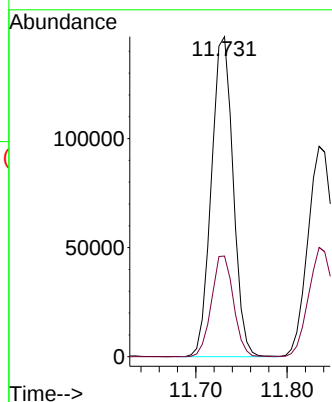
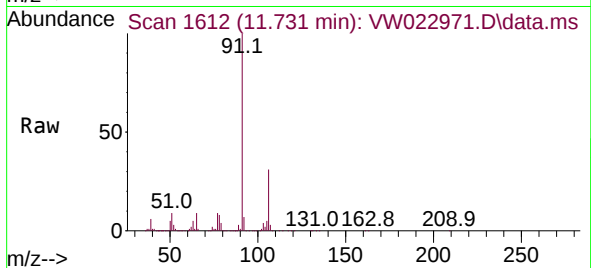




#52
Ethylbenzene
Concen: 21.164 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

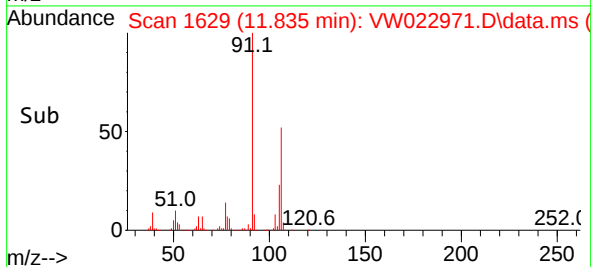
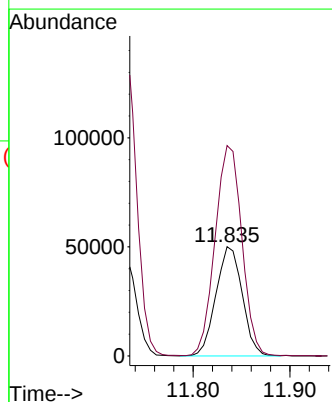
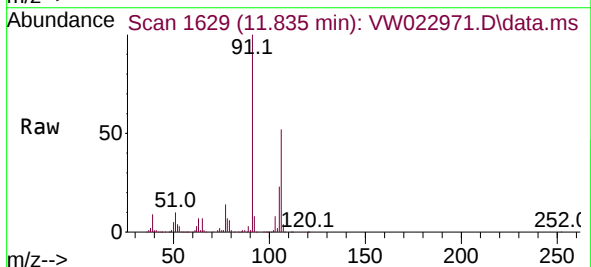
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMS

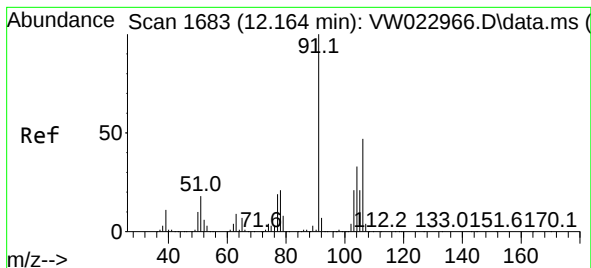
Tgt Ion: 91 Resp: 241977
Ion Ratio Lower Upper
91 100
106 31.5 22.3 41.3



#53
m,p-Xylene
Concen: 20.970 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion:106 Resp: 94471
Ion Ratio Lower Upper
106 100
91 192.6 136.8 254.0





#54

o-Xylene

Concen: 27.696 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

Instrument :

MSVOA_W

ClientSampleId :

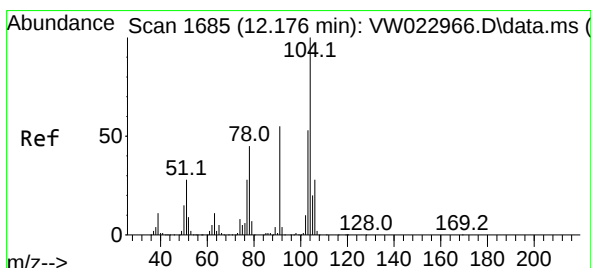
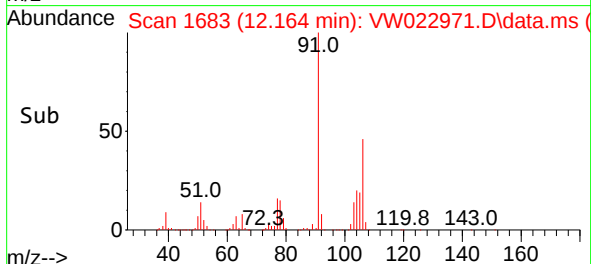
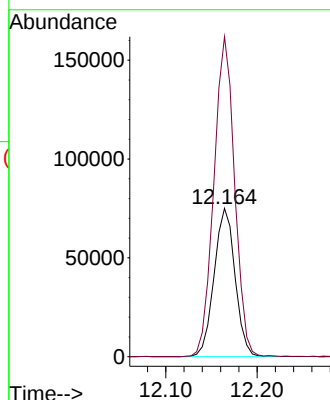
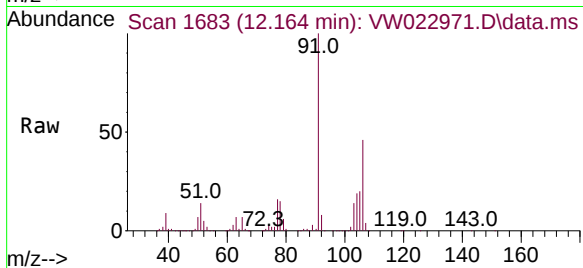
EW4F3REMS

Tgt Ion:106 Resp: 119732

Ion Ratio Lower Upper

106 100

91 215.8 147.2 273.4



#55

Styrene

Concen: 18.319 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022971.D

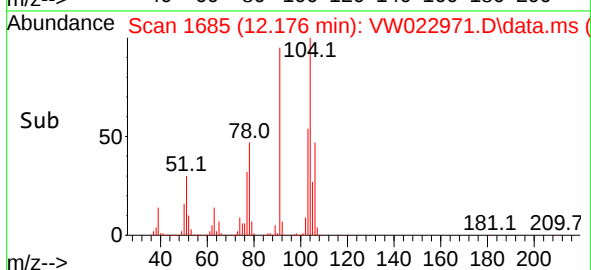
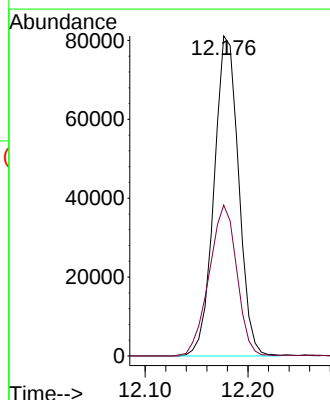
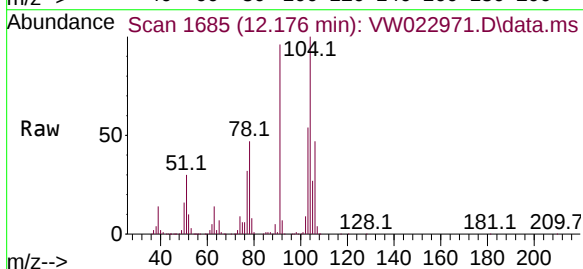
Acq: 11 May 2022 11:18

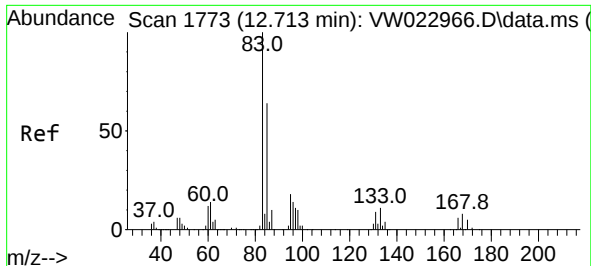
Tgt Ion:104 Resp: 134572

Ion Ratio Lower Upper

104 100

78 47.2 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 33.660 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

Instrument :

MSVOA_W

ClientSampleId :

EW4F3REMS

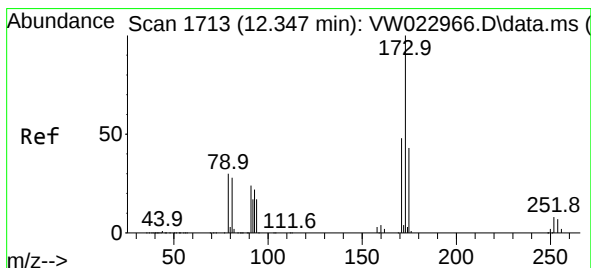
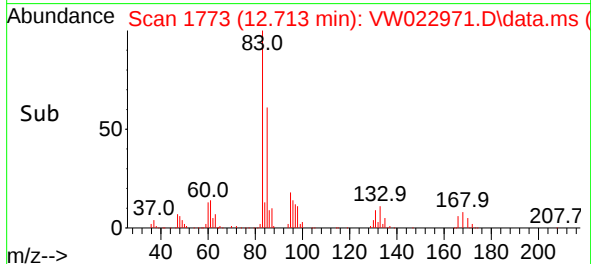
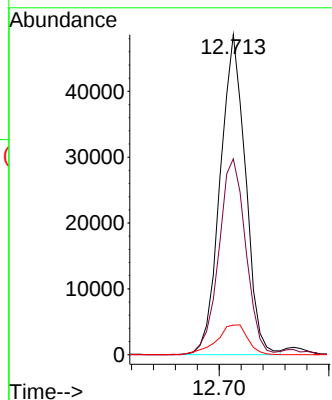
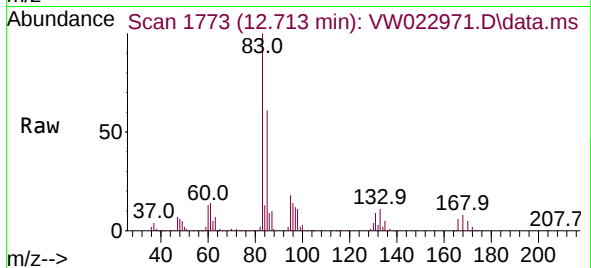
Tgt Ion: 83 Resp: 77994

Ion Ratio Lower Upper

83 100

85 61.2 47.5 88.1

131 9.3 8.7 13.1



#59

Bromoform

Concen: 64.172 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

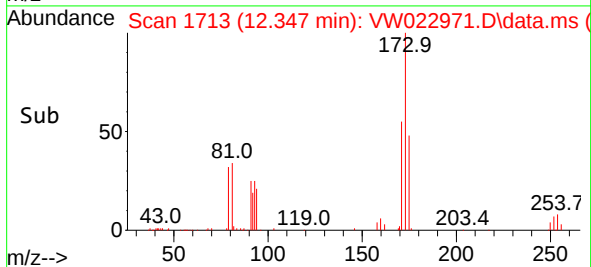
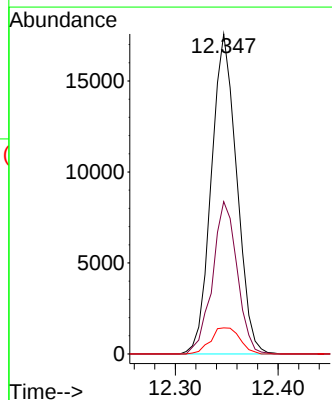
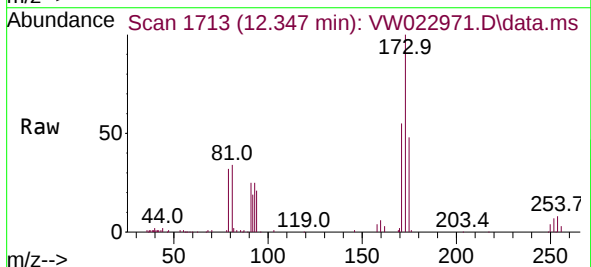
Tgt Ion: 173 Resp: 30102

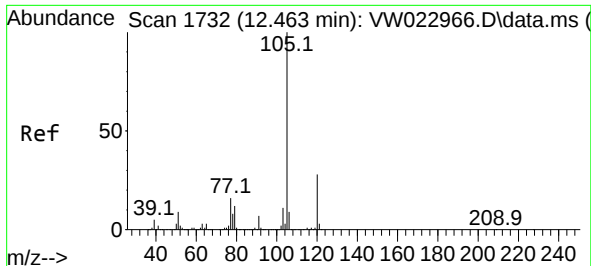
Ion Ratio Lower Upper

173 100

175 46.3 38.1 57.1

254 9.4 6.5 9.7

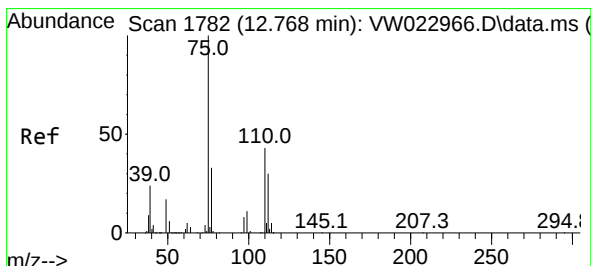
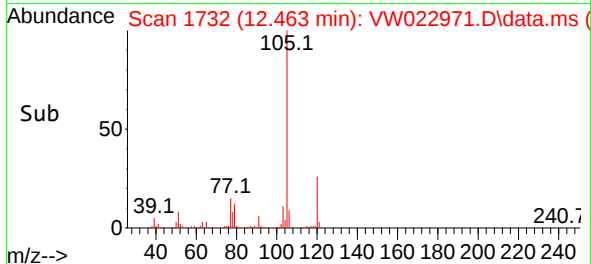
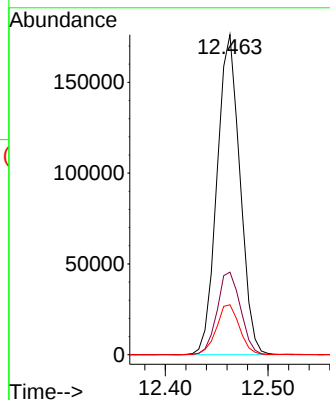
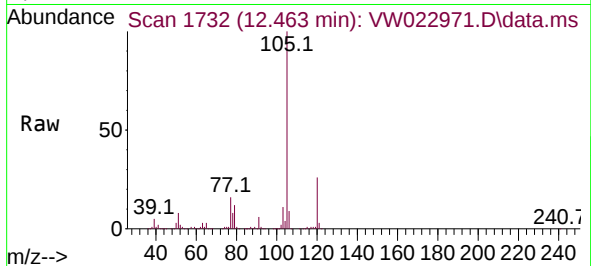




#60
Isopropylbenzene
Concen: 60.309 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

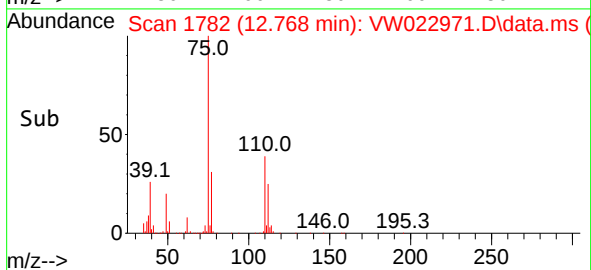
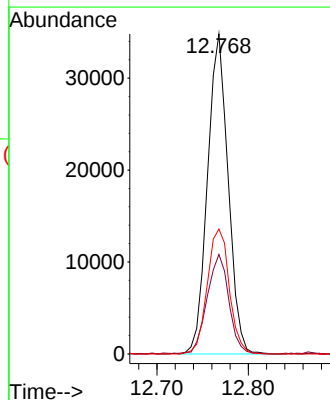
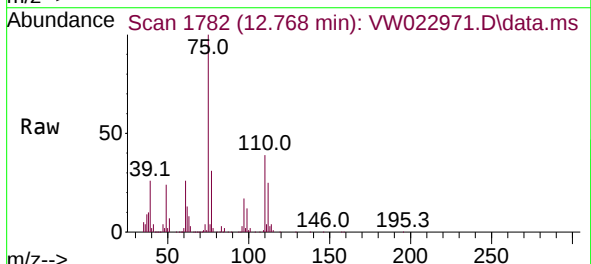
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMS

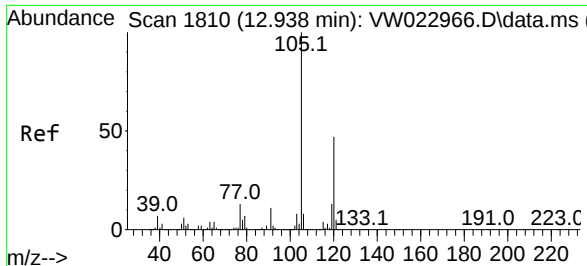
Tgt Ion:105 Resp: 273472
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 82.409 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion: 75 Resp: 54503
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 41.7 34.1 51.1

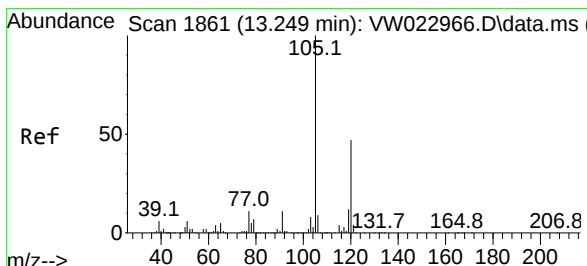
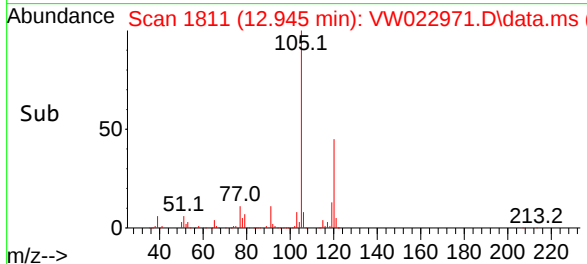
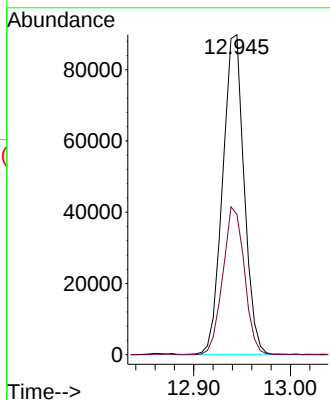
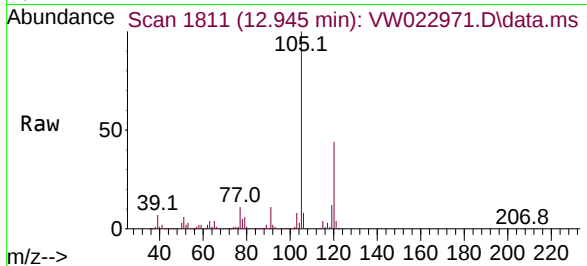




#62
1,3,5-Trimethylbenzene
Concen: 54.861 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

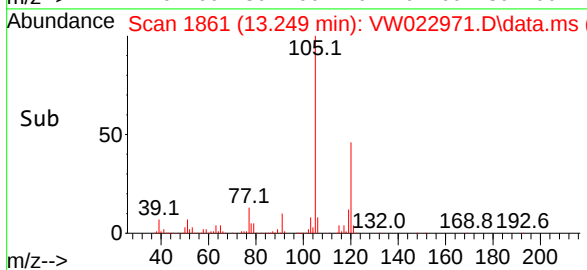
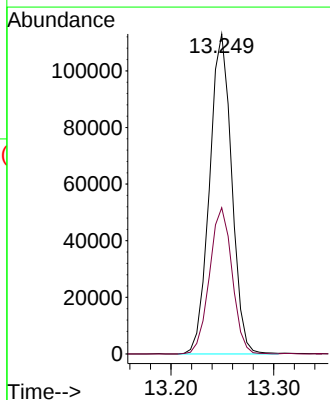
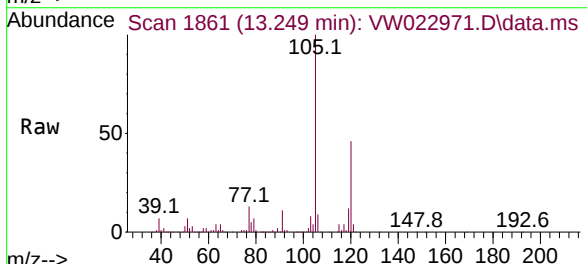
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMS

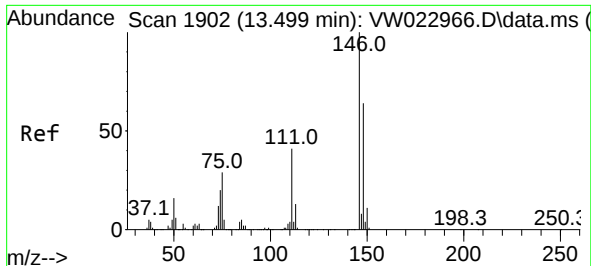
Tgt Ion:105 Resp: 138402
Ion Ratio Lower Upper
105 100
120 46.6 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 44.599 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion:105 Resp: 168940
Ion Ratio Lower Upper
105 100
120 46.6 37.4 56.2

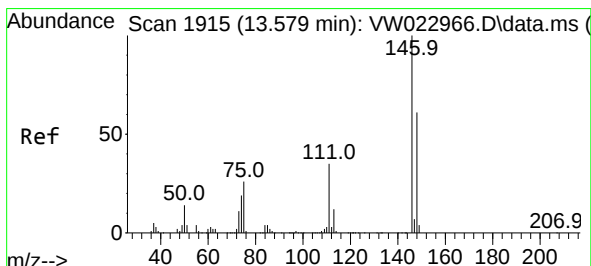
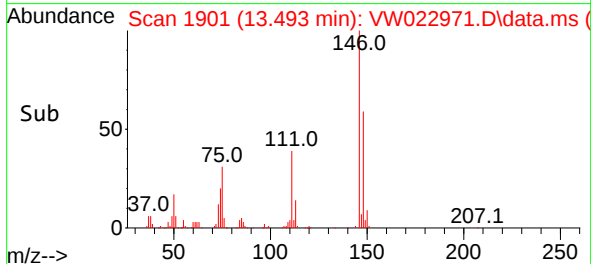
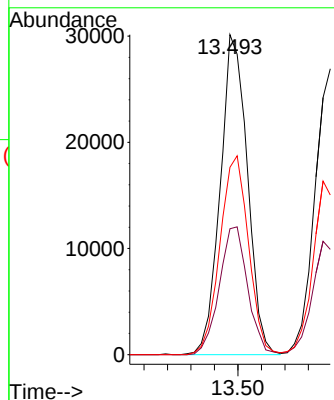
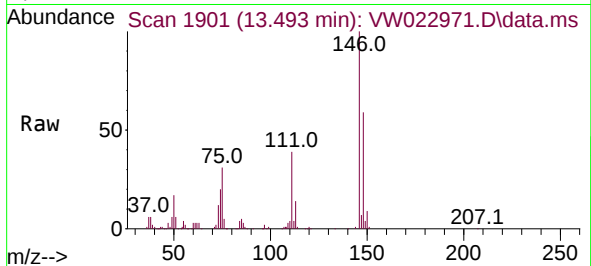




#64
1,3-Dichlorobenzene
Concen: 23.838 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

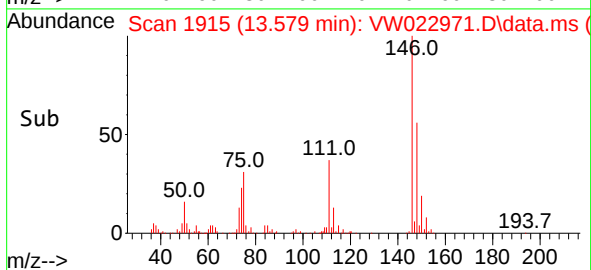
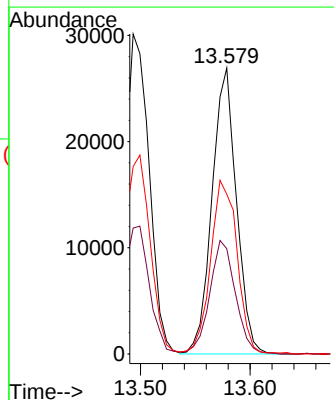
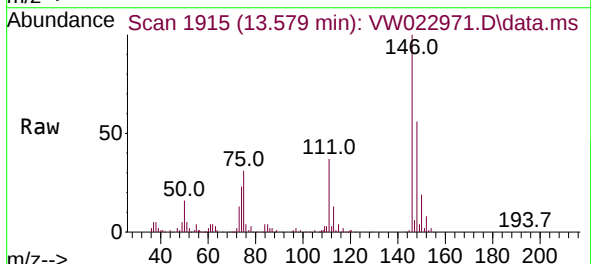
Instrument :
MSVOA_W
ClientSampleId :
EW4F3REMS

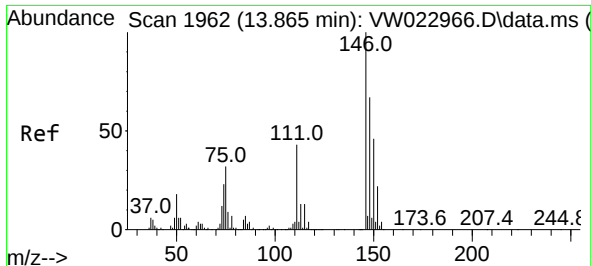
Tgt Ion:146 Resp: 48262
Ion Ratio Lower Upper
146 100
111 39.3 29.5 54.9
148 58.6 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 19.967 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022971.D
Acq: 11 May 2022 11:18

Tgt Ion:146 Resp: 41754
Ion Ratio Lower Upper
146 100
111 36.8 27.2 50.4
148 55.9 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 29.731 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

Instrument :

MSVOA_W

ClientSampleId :

EW4F3REMS

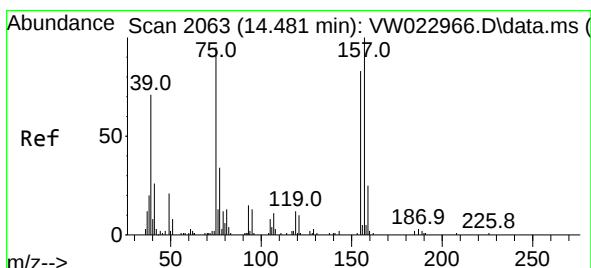
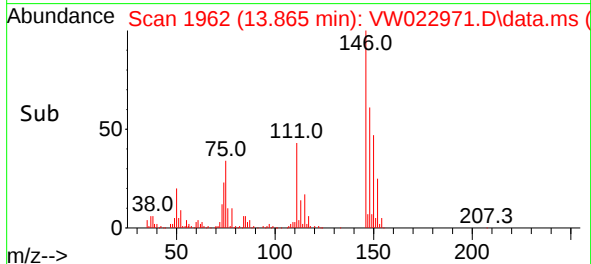
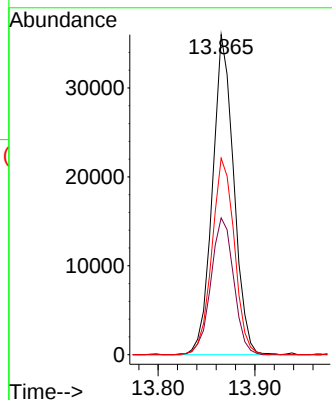
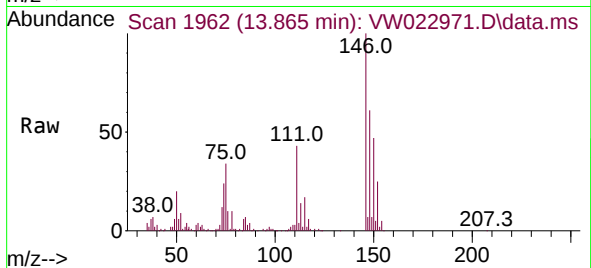
Tgt Ion:146 Resp: 55080

Ion Ratio Lower Upper

146 100

111 42.7 35.7 53.5

148 61.4 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 63.456 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

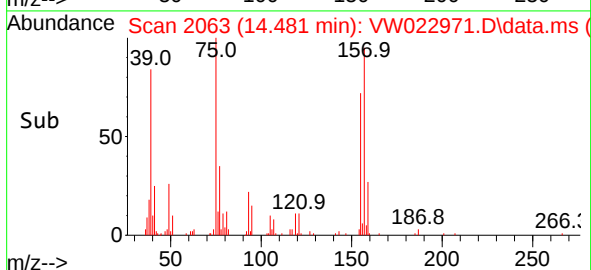
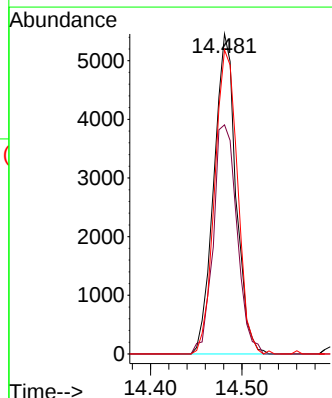
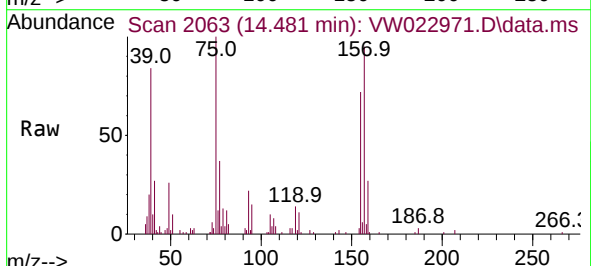
Tgt Ion: 75 Resp: 9172

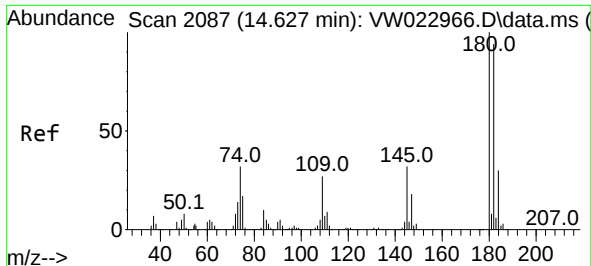
Ion Ratio Lower Upper

75 100

155 71.6 59.3 88.9

157 95.0 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 17.232 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

Instrument :

MSVOA_W

ClientSampleId :

EW4F3REMS

Tgt Ion:180 Resp: 23157

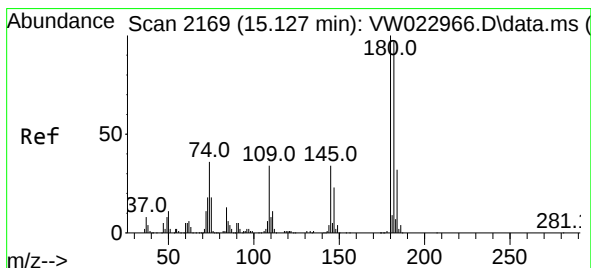
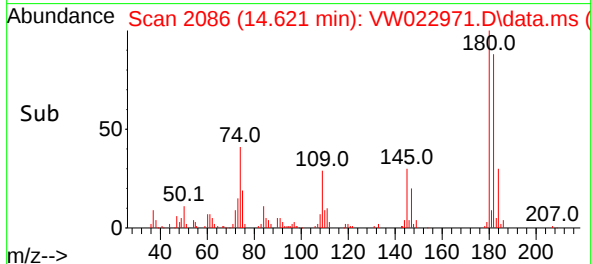
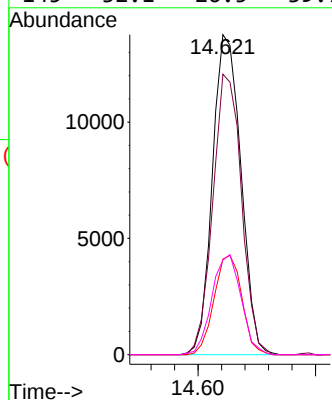
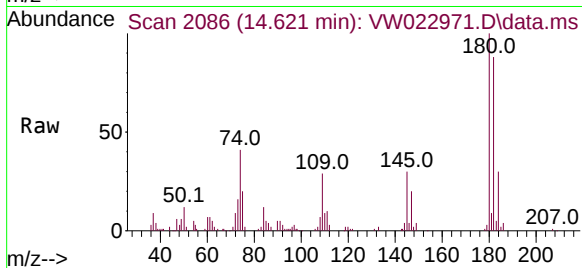
Ion Ratio Lower Upper

180 100

182 88.1 74.8 112.2

184 30.3 23.4 35.2

145 32.1 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 9.128 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

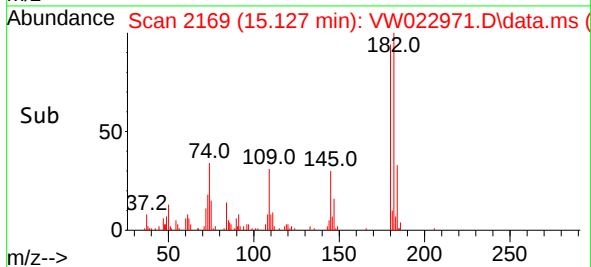
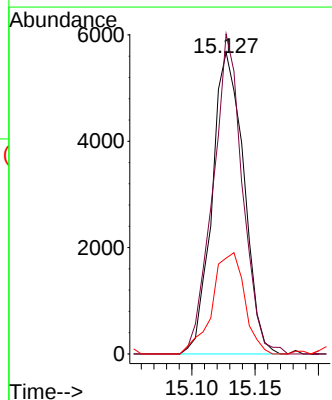
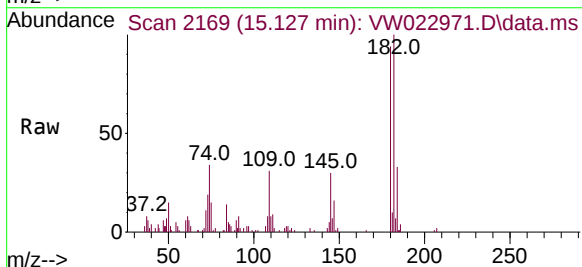
Tgt Ion:180 Resp: 9868

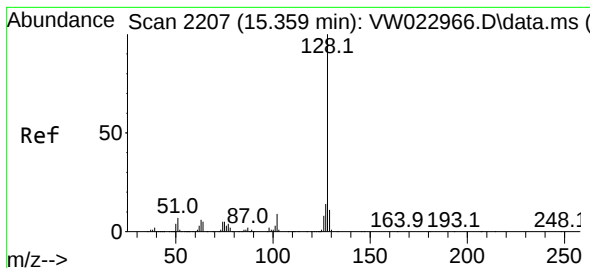
Ion Ratio Lower Upper

180 100

182 98.8 74.9 112.3

145 34.3 26.6 39.8





#71

Naphthalene

Concen: 17.629 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

Instrument :

MSVOA_W

ClientSampleId :

EW4F3REMS

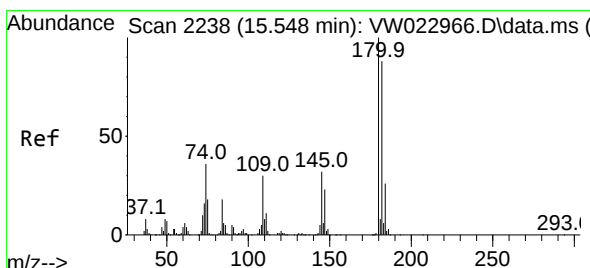
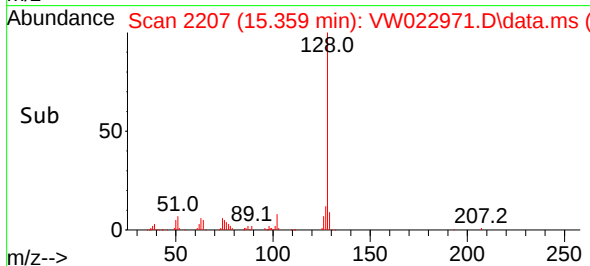
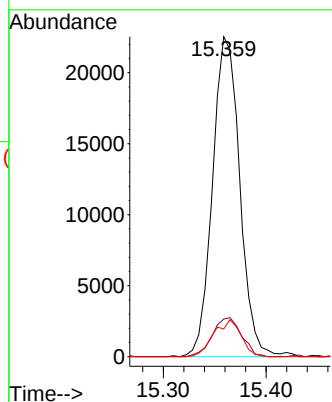
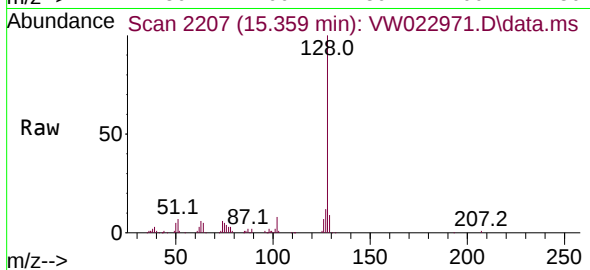
Tgt Ion:128 Resp: 41420

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 10.878 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022971.D

Acq: 11 May 2022 11:18

Tgt Ion:180 Resp: 10422

Ion Ratio Lower Upper

180 100

182 106.9 73.5 110.3

145 37.9 27.9 41.9

