

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031522\
 Data File : VW022341.D
 Acq On : 15 Mar 2022 16:47
 Operator : SY/VA
 Sample : N1883-10MS
 Misc : 5.72g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBSA8MS

Quant Time: Mar 16 05:35:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 16 05:30:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	175872	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	162348	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	88921	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45103	19.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.640%
7) Chloroethane-d5	2.885	69	39512	21.892	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.560%
11) 1,1-Dichloroethene-d2	4.019	63	68812	19.589	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.360%
21) 2-Butanone-d5	7.080	46	21699	56.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.520%
24) Chloroform-d	7.647	84	96042	24.476	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.920%
26) 1,2-Dichloroethane-d4	8.305	65	48550	23.802	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	8.275	84	175646	23.247	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	9.275	67	51277	24.438	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	10.323	98	168591	22.444	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.760%
43) trans-1,3-Dichloroprop...	10.579	79	22050	23.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.800%
47) 2-Hexanone-d5	10.921	63	18270	52.940	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.880%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	48937	26.575	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	69404	24.301	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	6020	12.248	ug/L	99
3) Chloromethane	2.215	50	26894	15.968	ug/L	95
5) Vinyl chloride	2.361	62	41001	16.202	ug/L	97
6) Bromomethane	2.776	94	26693	15.103	ug/L	99
8) Chloroethane	2.922	64	26925	18.940	ug/L	98
9) Trichlorofluoromethane	3.257	101	31687	18.443	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	39462	18.825	ug/L	96
12) 1,1-Dichloroethene	4.044	96	32769	18.037	ug/L	89
13) Acetone	4.123	43	13800	43.808	ug/L	100
14) Carbon disulfide	4.385	76	60126	12.765	ug/L	97
15) Methyl Acetate	4.666	43	13683	19.294	ug/L	95
16) Methylene chloride	4.916	84	39212	18.164	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	36241	18.162	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	58446	21.528	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	69122	21.397	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	44331	20.508	ug/L	93
22) 2-Butanone	7.171	43	20012	44.224	ug/L	96
23) Bromochloromethane	7.513	128	21116	19.997	ug/L	85
25) Chloroform	7.677	83	82287	21.831	ug/L	99

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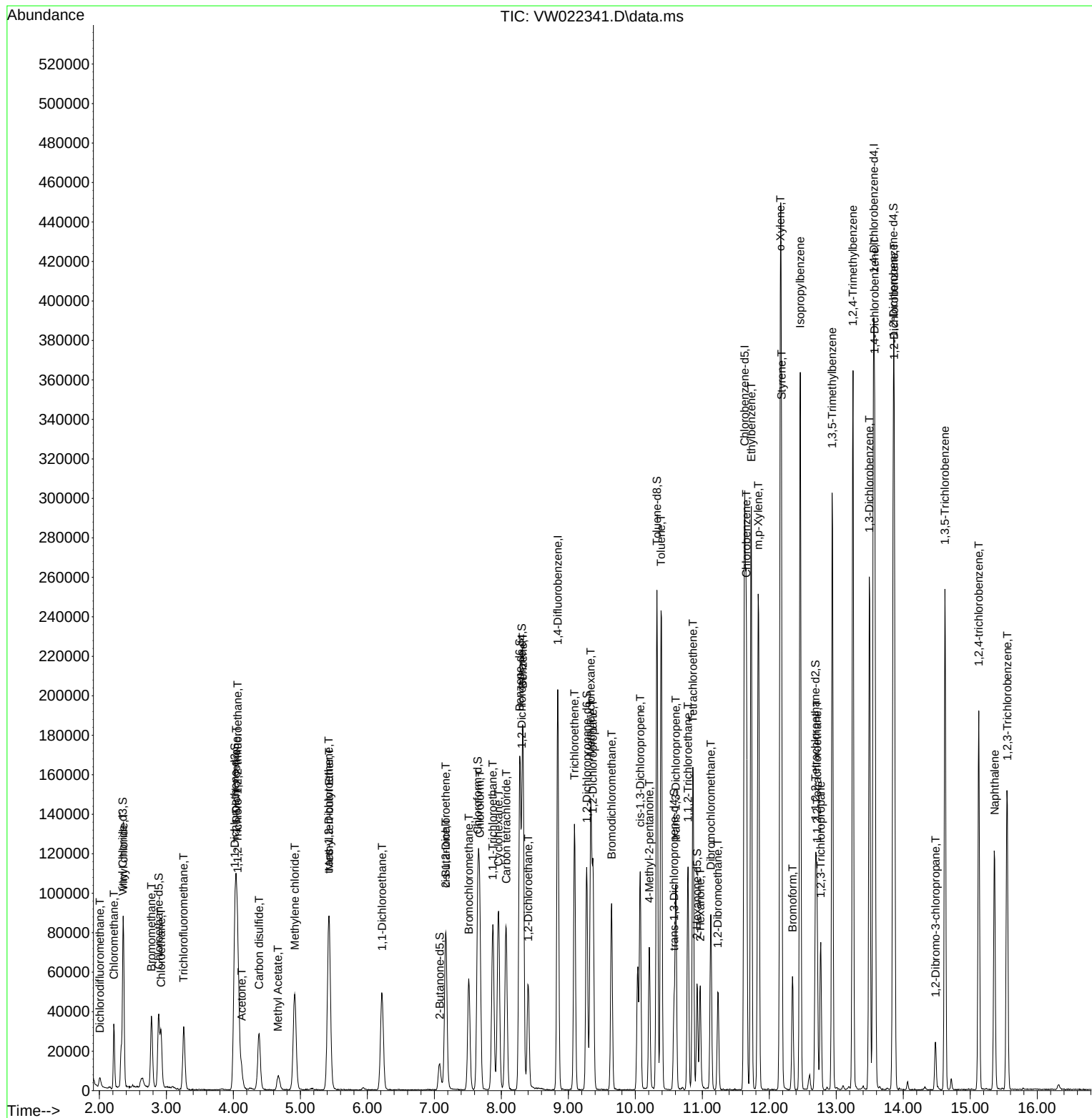
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	48261	20.787	ug/L	99
29) Cyclohexane	7.958	56	46374	17.164	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	67681	20.721	ug/L	98
31) Carbon tetrachloride	8.074	117	64767	20.864	ug/L	99
33) Benzene	8.323	78	159445	20.314	ug/L	100
34) Trichloroethene	9.092	95	44520	19.810	ug/L	93
35) Methylcyclohexane	9.336	83	60566	17.423	ug/L	98
37) 1,2-Dichloropropane	9.366	63	39782	21.725	ug/L	98
38) Bromodichloromethane	9.646	83	60533	23.052	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	63508	22.816	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	43335	43.822	ug/L	99
42) Toluene	10.384	91	187184	21.071	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	55771	22.297	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	34655	21.342	ug/L	95
46) Tetrachloroethene	10.860	164	37429	19.012	ug/L	97
48) 2-Hexanone	10.969	43	30877	44.988	ug/L	97
49) Dibromochloromethane	11.128	129	45413	23.025	ug/L	100
50) 1,2-Dibromoethane	11.232	107	32330	20.642	ug/L	98
51) Chlorobenzene	11.658	112	130738	21.146	ug/L	99
52) Ethylbenzene	11.731	91	210945	21.455	ug/L	100
53) m,p-Xylene	11.835	106	85164	21.051	ug/L	98
54) o-Xylene	12.164	106	84048	22.080	ug/L	96
55) Styrene	12.183	104	144638	22.665	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	42580	22.601	ug/L	95
59) Bromoform	12.347	173	26101	22.197	ug/L #	99
60) Isopropylbenzene	12.463	105	235331	22.047	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	28772	20.501	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	158489	22.329	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	193932	22.356	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	107885	20.374	ug/L	91
65) 1,4-Dichlorobenzene	13.573	146	114881	21.650	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	99286	21.089	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	5667	19.101	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.621	180	76288	20.072	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	57340	19.940	ug/L	99
71) Naphthalene	15.365	128	106242	20.928	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	50911	20.468	ug/L	97

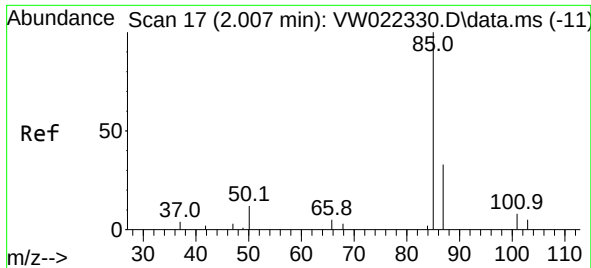
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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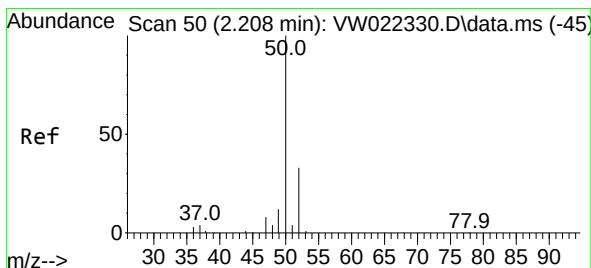
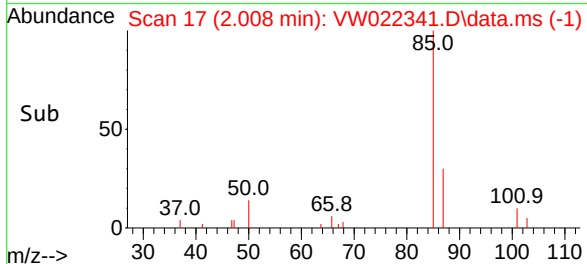
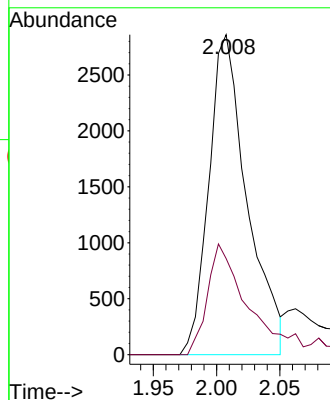
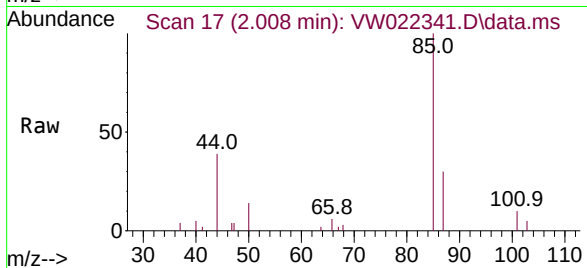




#2
Dichlorodifluoromethane
Concen: 12.248 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

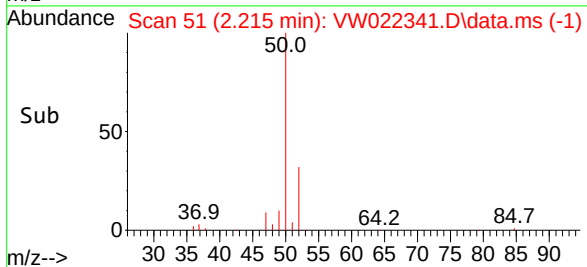
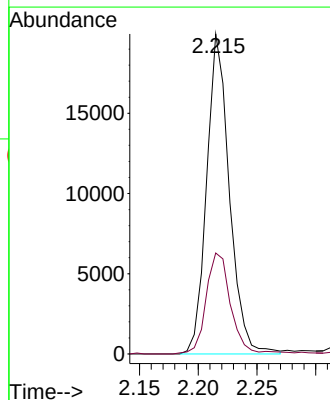
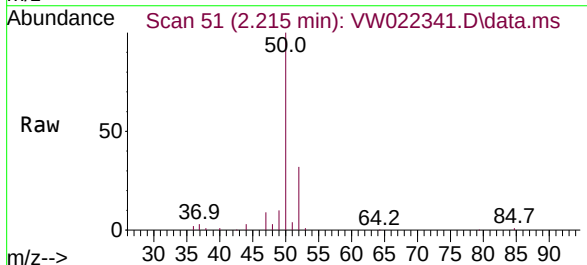
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MSVOA_W
ClientSampleId :
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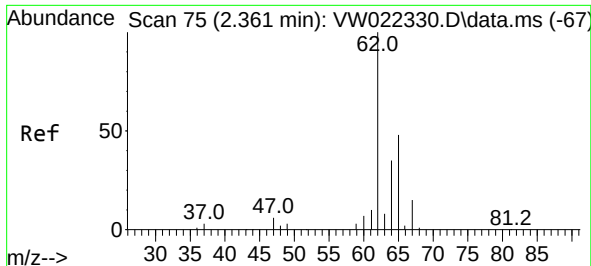
Tgt Ion: 85 Resp: 6020
Ion Ratio Lower Upper
85 100
87 35.0 27.6 41.4



#3
Chloromethane
Concen: 15.968 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion: 50 Resp: 26894
Ion Ratio Lower Upper
50 100
52 31.6 23.9 44.5

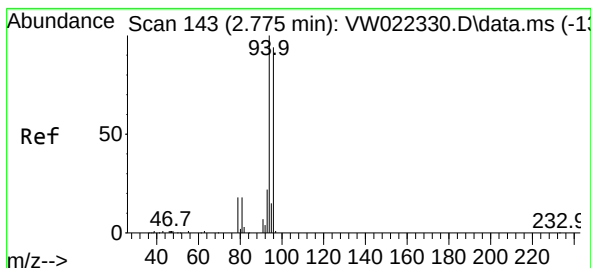
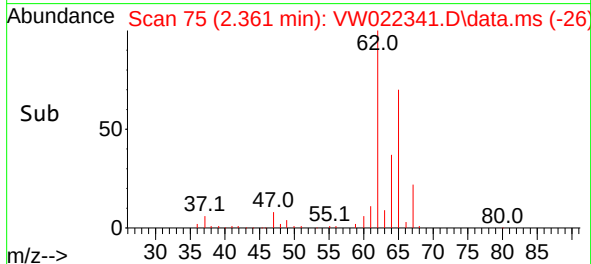
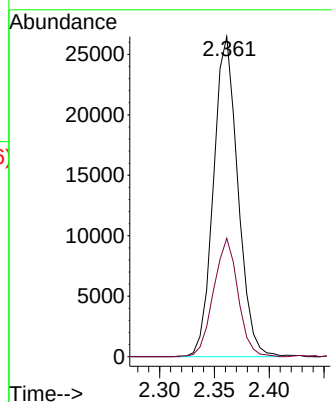
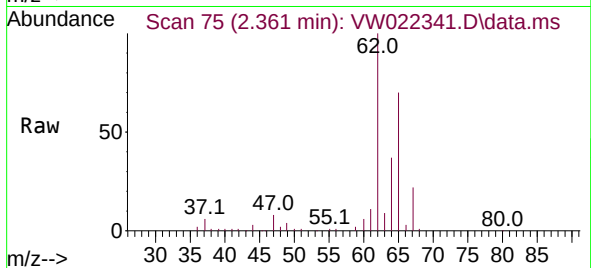




#5
 Vinyl chloride
 Concen: 16.202 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022341.D
 Acq: 15 Mar 2022 16:47

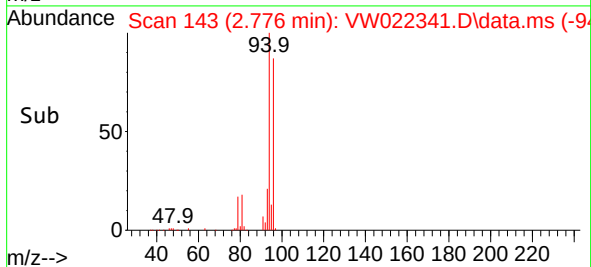
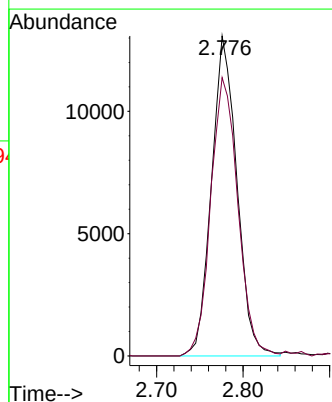
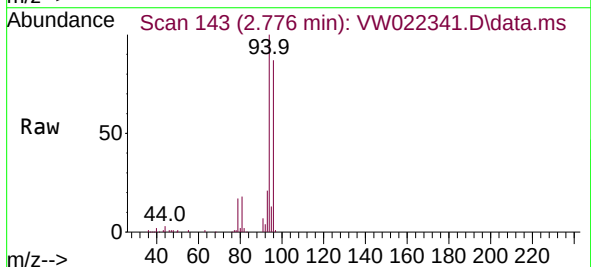
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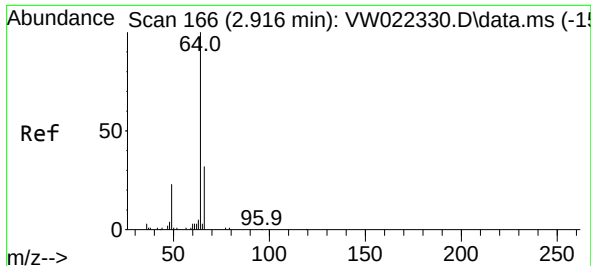
Tgt Ion: 62 Resp: 41001
 Ion Ratio Lower Upper
 62 100
 64 37.0 24.7 45.9



#6
 Bromomethane
 Concen: 15.103 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022341.D
 Acq: 15 Mar 2022 16:47

Tgt Ion: 94 Resp: 26693
 Ion Ratio Lower Upper
 94 100
 96 87.0 61.2 113.8

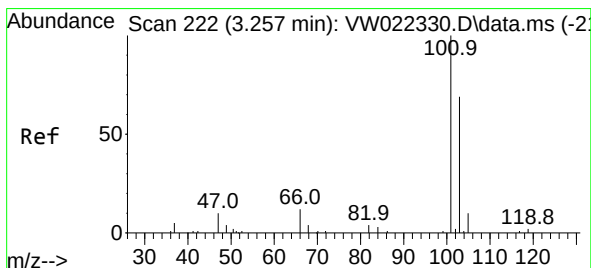
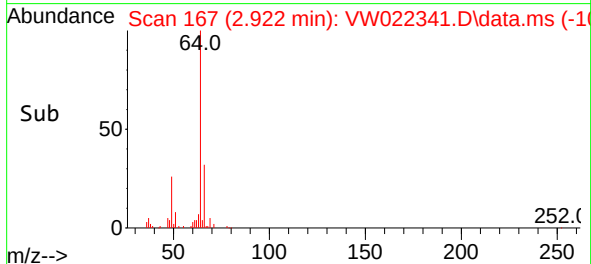
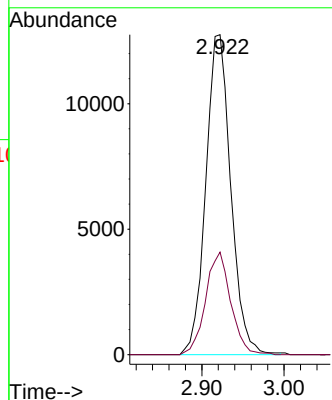
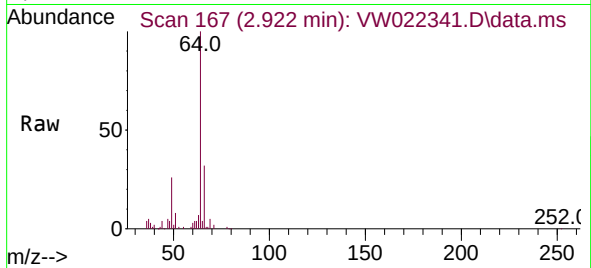




#8
Chloroethane
Concen: 18.940 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

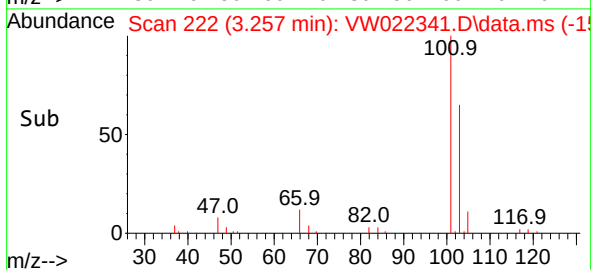
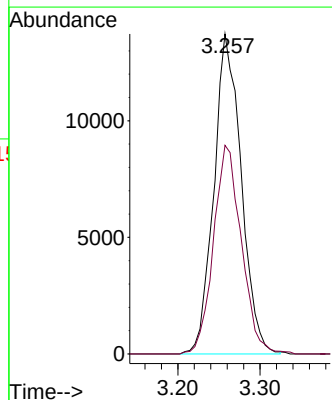
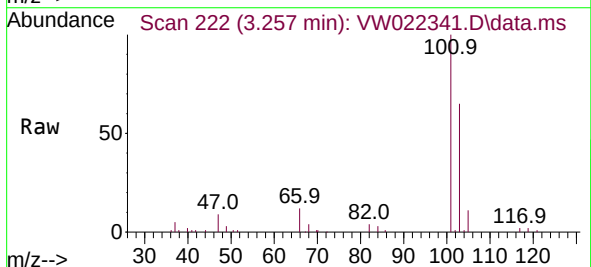
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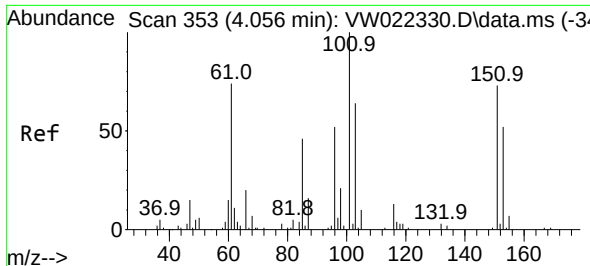
Tgt Ion: 64 Resp: 26925
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 18.443 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion: 101 Resp: 31687
Ion Ratio Lower Upper
101 100
103 66.6 53.2 79.8

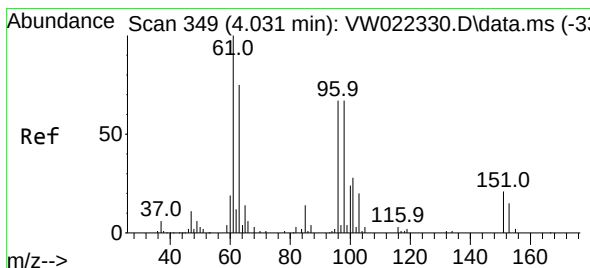
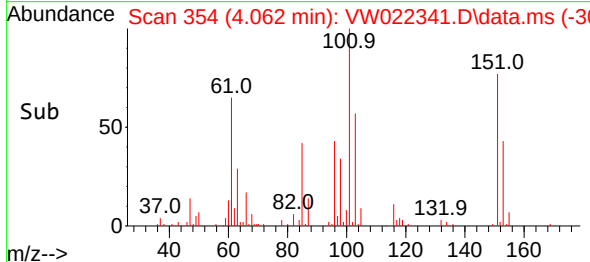
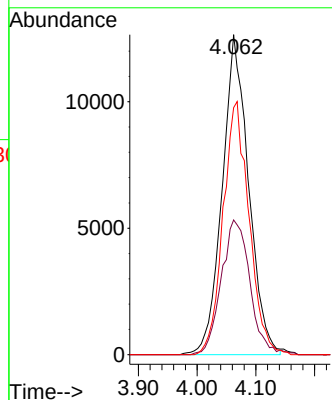
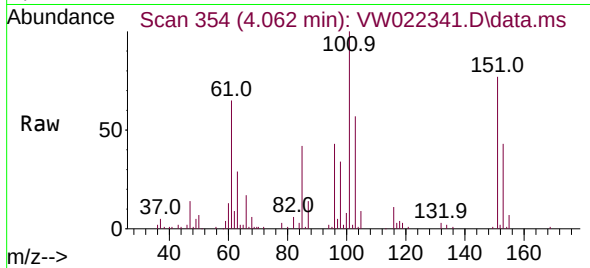




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.825 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW022341.D
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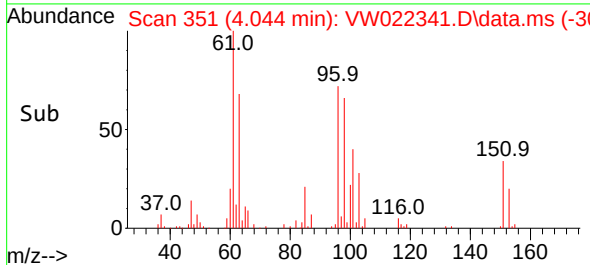
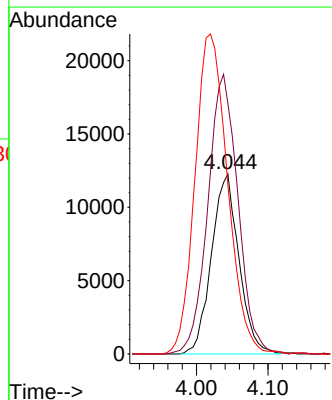
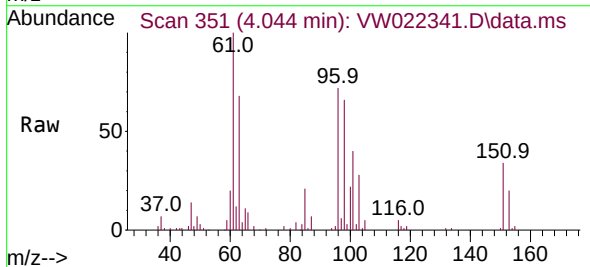
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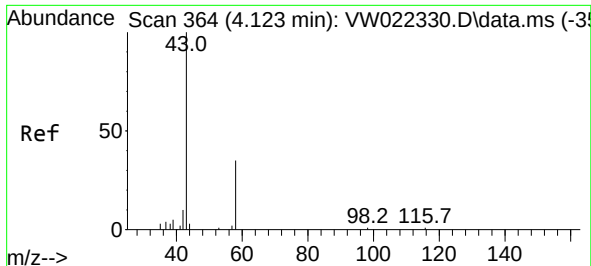
Tgt Ion:101 Resp: 39462
 Ion Ratio Lower Upper
 101 100
 85 45.2 34.4 51.6
 151 77.9 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 18.037 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.012 min
 Lab File: VW022341.D
 Acq: 15 Mar 2022 16:47

Tgt Ion: 96 Resp: 32769
 Ion Ratio Lower Upper
 96 100
 61 139.2 108.4 201.2
 63 94.0 72.0 133.6

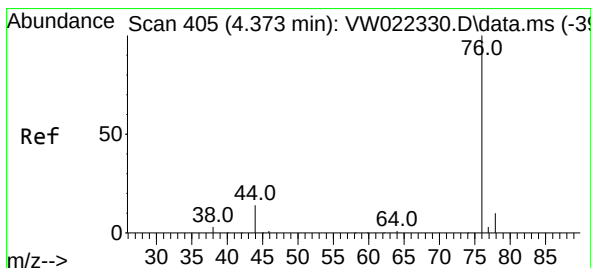
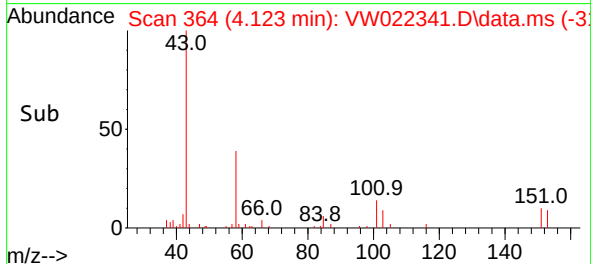
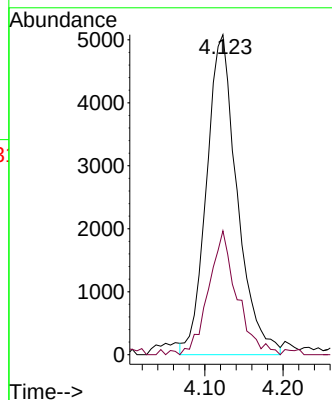
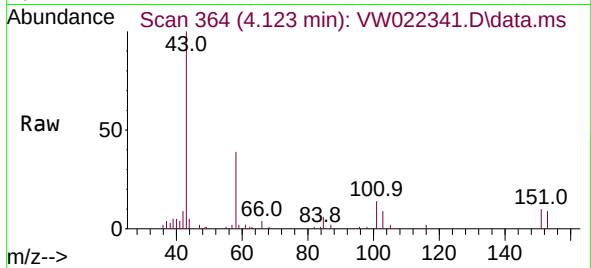




#13
Acetone
Concen: 43.808 ug/L
RT: 4.123 min Scan# 307
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

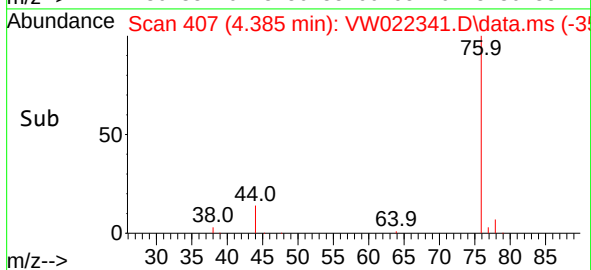
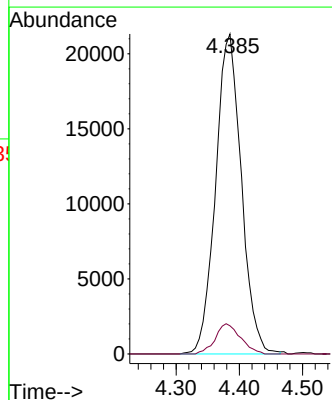
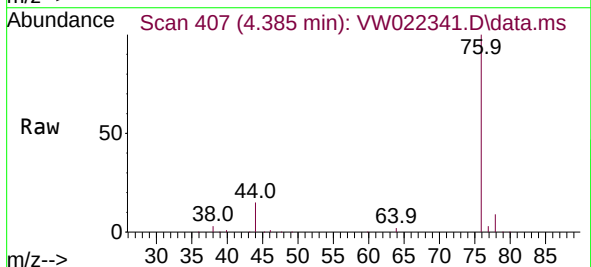
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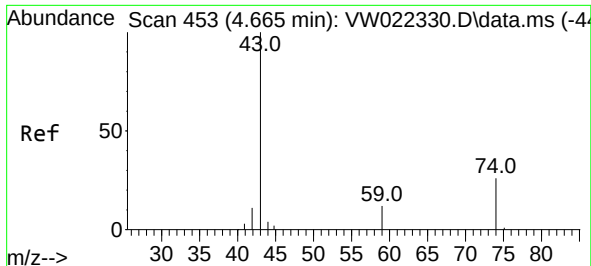
Tgt Ion: 43 Resp: 13800
Ion Ratio Lower Upper
43 100
58 34.8 0.0 69.2



#14
Carbon disulfide
Concen: 12.765 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.012 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion: 76 Resp: 60126
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8

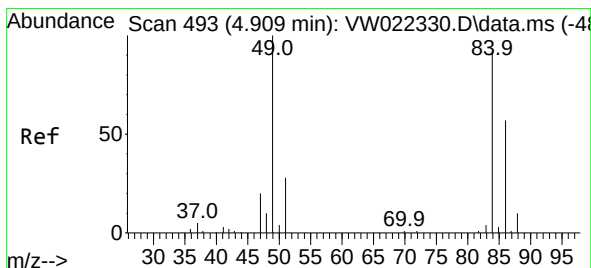
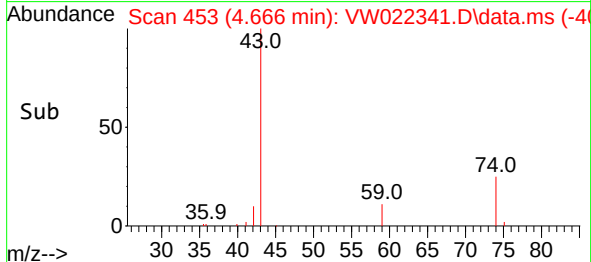
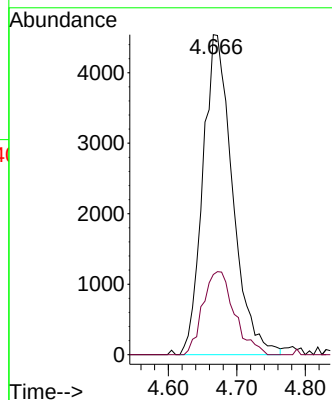
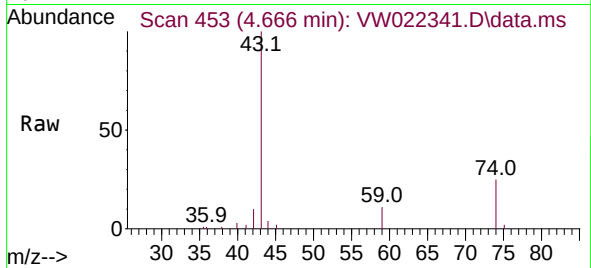




#15
Methyl Acetate
Concen: 19.294 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

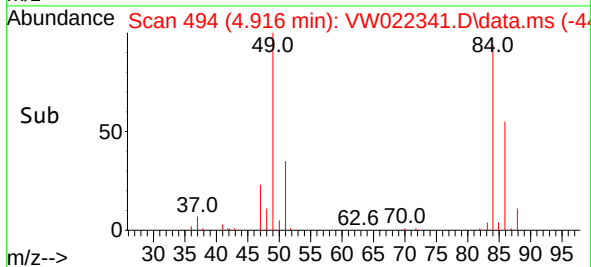
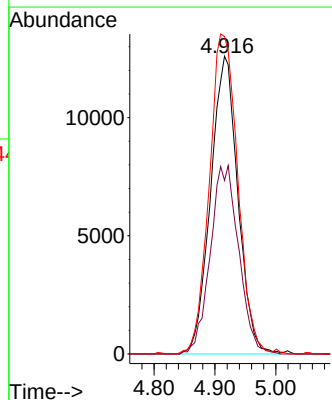
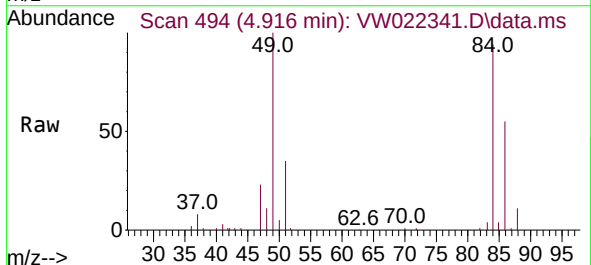
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MS

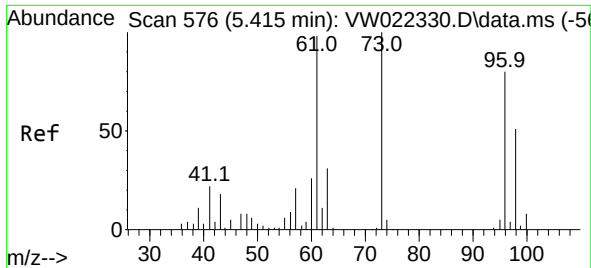
Tgt Ion: 43 Resp: 13683
Ion Ratio Lower Upper
43 100
74 26.1 23.0 34.6



#16
Methylene chloride
Concen: 18.164 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion: 84 Resp: 39212
Ion Ratio Lower Upper
84 100
86 58.2 45.8 85.0
49 106.6 73.8 137.0

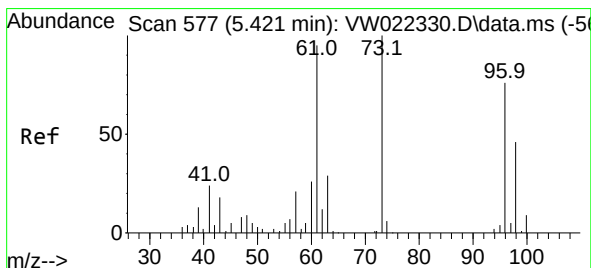
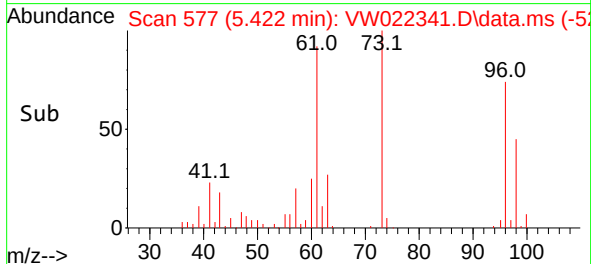
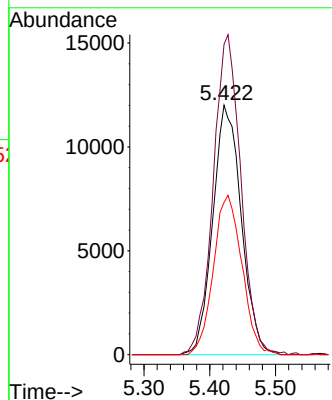
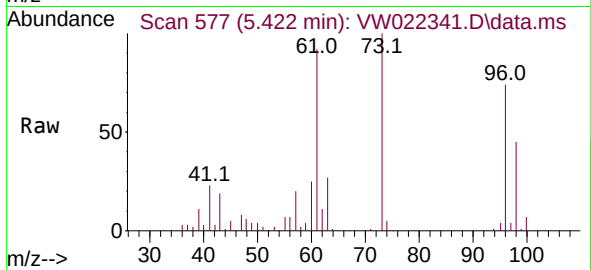




#17
trans-1,2-Dichloroethene
Concen: 18.162 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

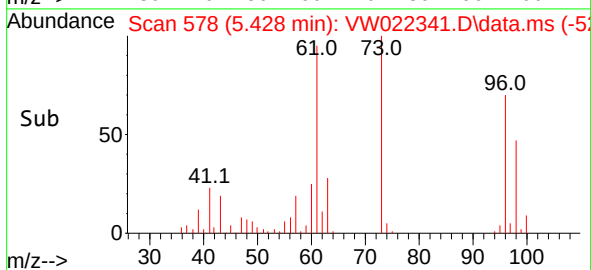
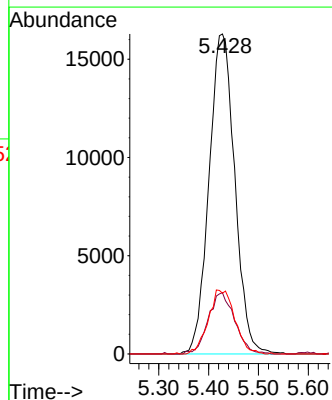
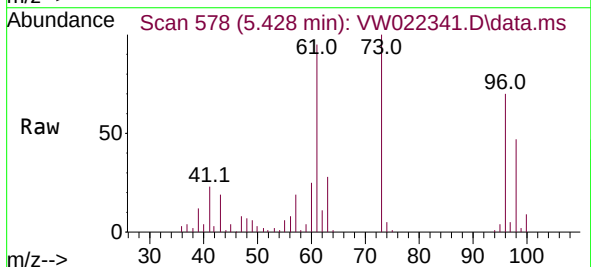
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MS

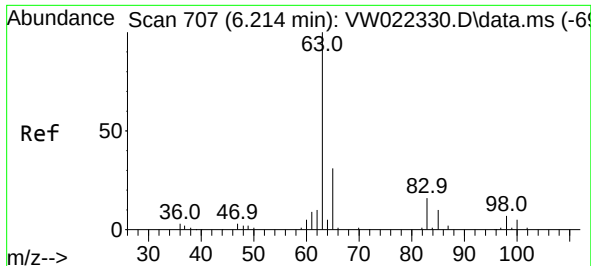
Tgt Ion: 96 Resp: 36241
Ion Ratio Lower Upper
96 100
61 124.4 87.3 162.1
98 61.1 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 21.528 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion: 73 Resp: 58446
Ion Ratio Lower Upper
73 100
43 19.5 15.4 23.2
57 11.6 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 21.397 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Instrument :

MSVOA_W

ClientSampleId :

DBSA8MS

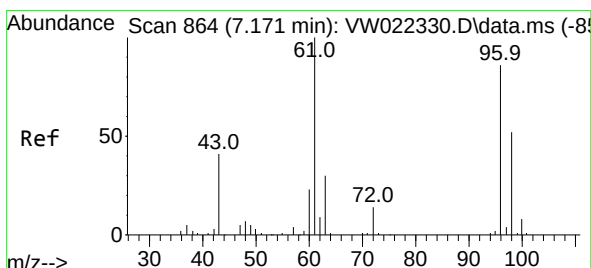
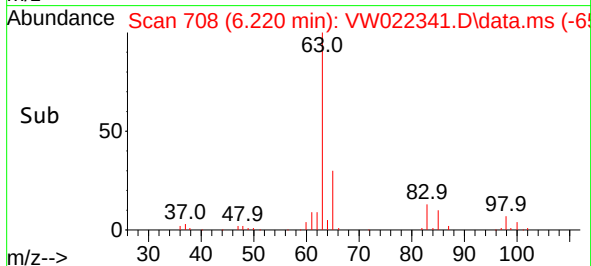
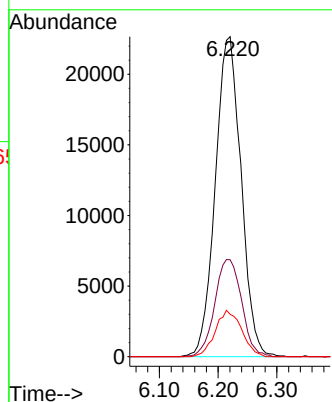
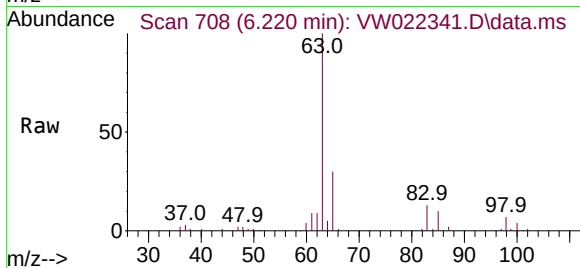
Tgt Ion: 63 Resp: 69122

Ion Ratio Lower Upper

63 100

65 30.3 22.5 41.9

83 13.3 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 20.508 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

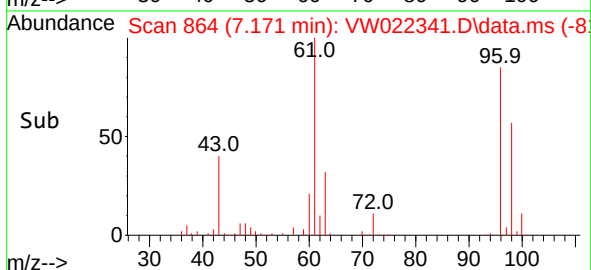
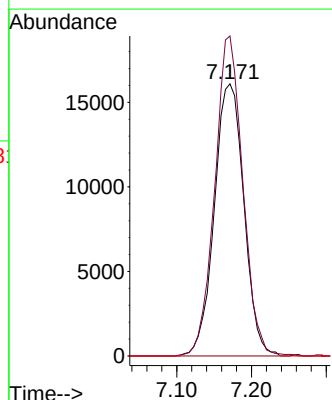
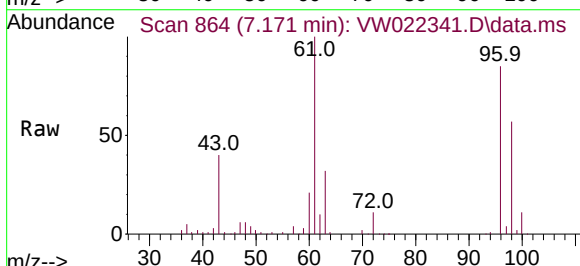
Tgt Ion: 96 Resp: 44331

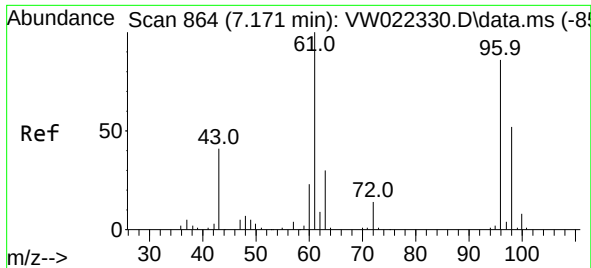
Ion Ratio Lower Upper

96 100

61 117.6 76.8 142.6

68 0.0 0.0 0.0

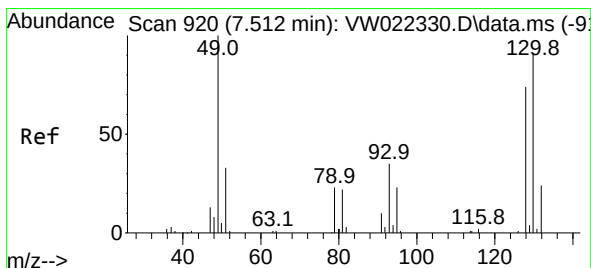
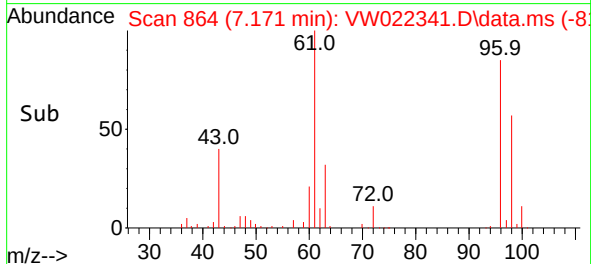
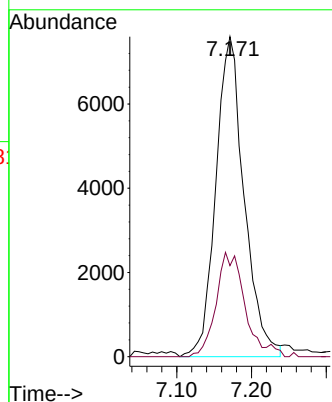
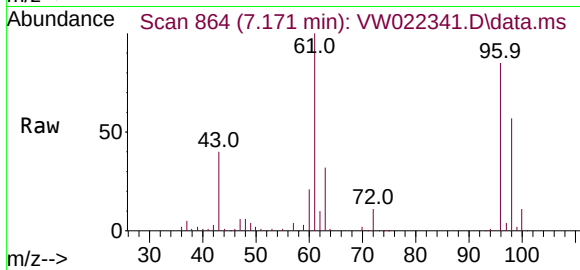




#22
2-Butanone
Concen: 44.224 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

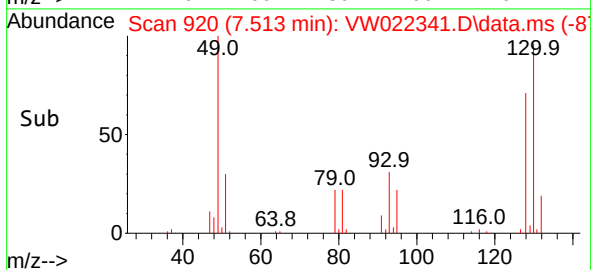
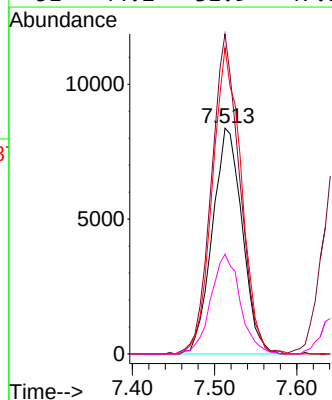
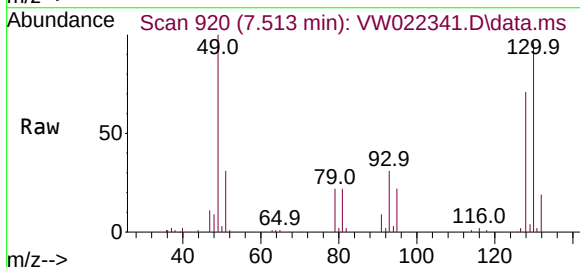
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MS

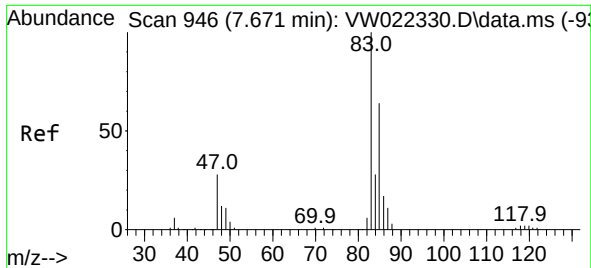
Tgt Ion: 43 Resp: 20012
Ion Ratio Lower Upper
43 100
72 31.7 17.0 51.0



#23
Bromochloromethane
Concen: 19.997 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion: 128 Resp: 21116
Ion Ratio Lower Upper
128 100
49 141.8 84.2 156.4
130 135.7 84.8 157.4
51 44.2 31.9 47.9

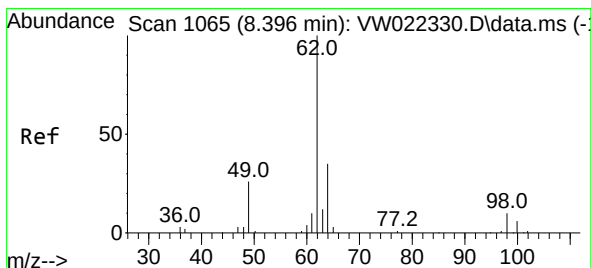
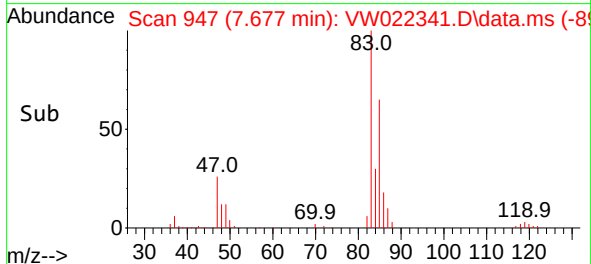
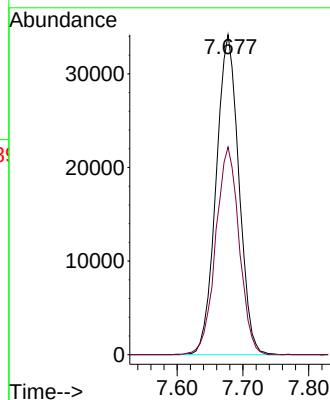
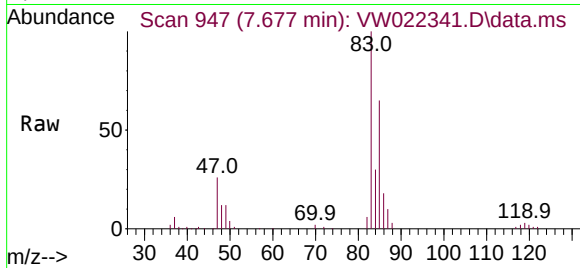




#25
Chloroform
Concen: 21.831 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

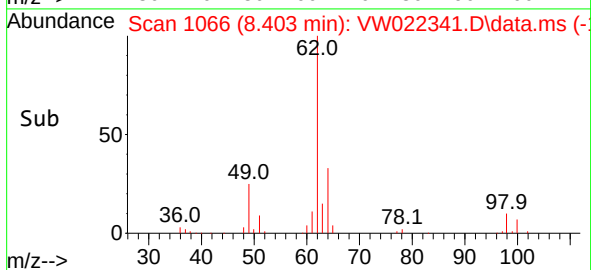
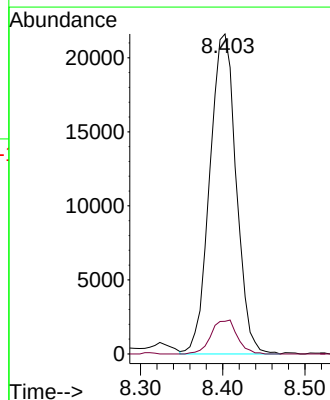
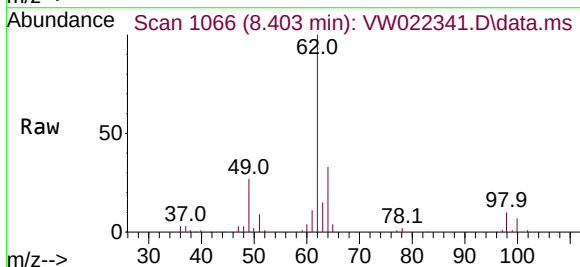
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MS

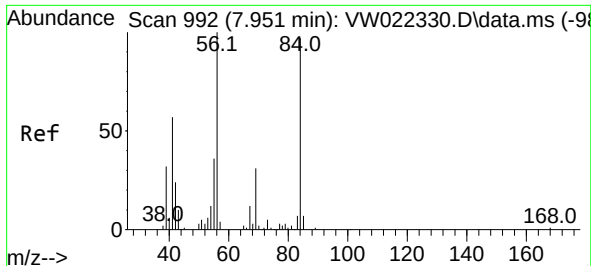
Tgt Ion: 83 Resp: 82287
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.9



#27
1,2-Dichloroethane
Concen: 20.787 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion: 62 Resp: 48261
Ion Ratio Lower Upper
62 100
98 10.2 7.9 11.9





#29

Cyclohexane

Concen: 17.164 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Instrument :

MSVOA_W

ClientSampleId :

DBSA8MS

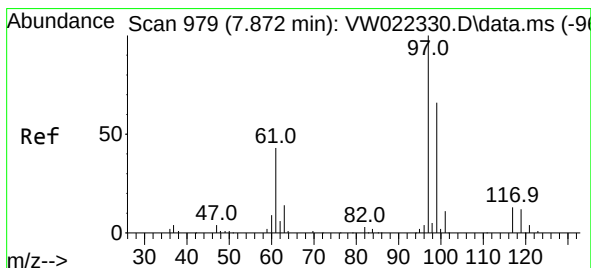
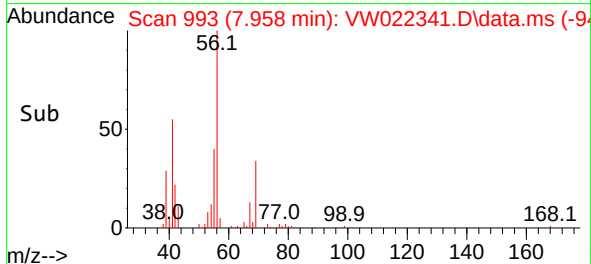
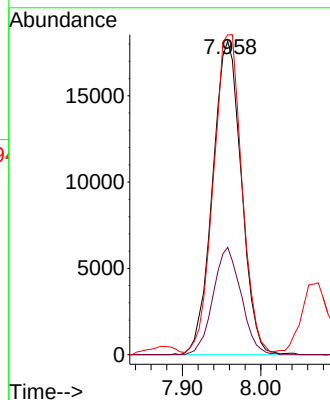
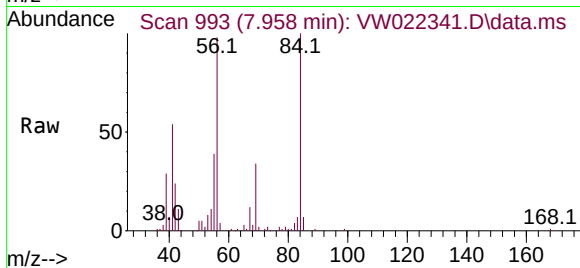
Tgt Ion: 56 Resp: 46374

Ion Ratio Lower Upper

56 100

69 33.3 26.3 39.5

84 101.4 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 20.721 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

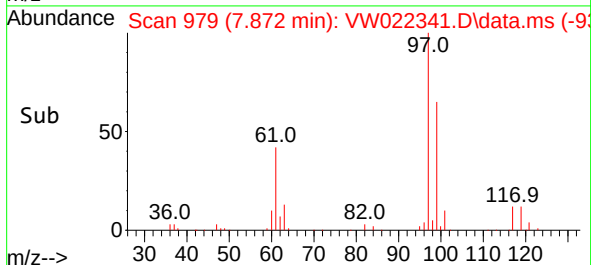
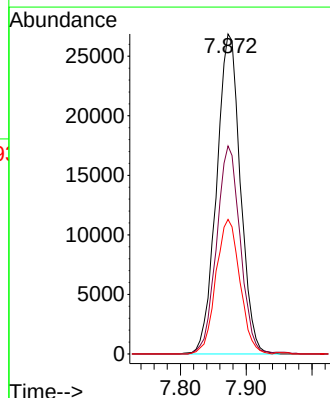
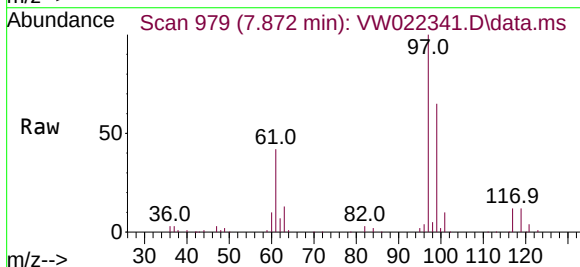
Tgt Ion: 97 Resp: 67681

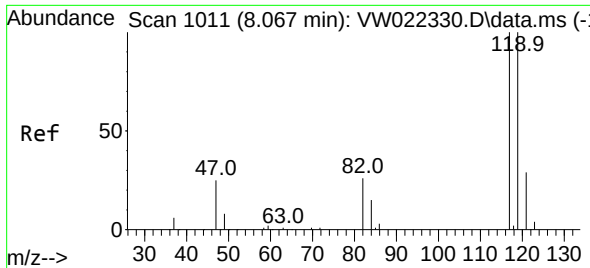
Ion Ratio Lower Upper

97 100

99 64.5 52.6 78.8

61 42.5 33.0 49.6

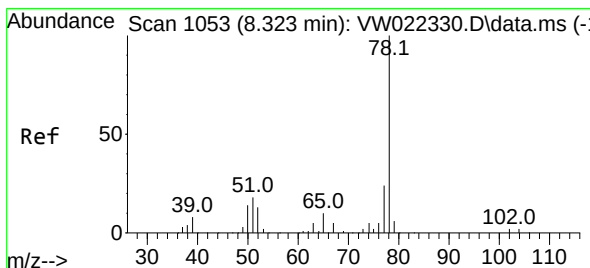
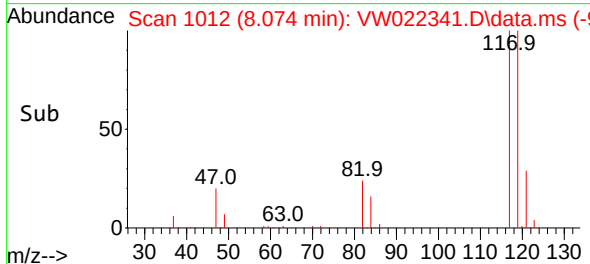
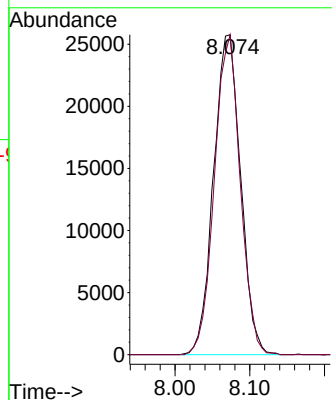
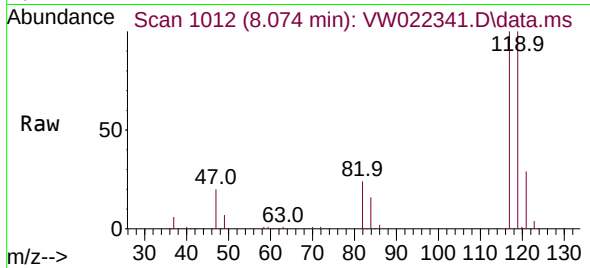




#31
Carbon tetrachloride
Concen: 20.864 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

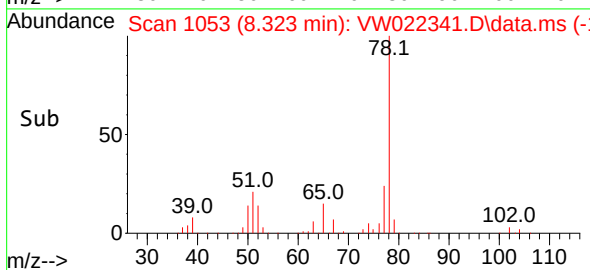
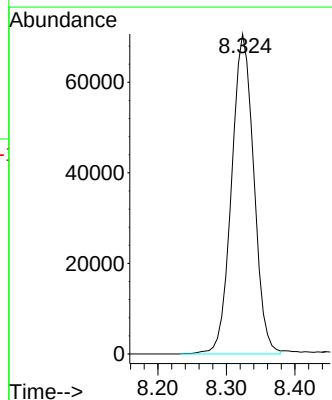
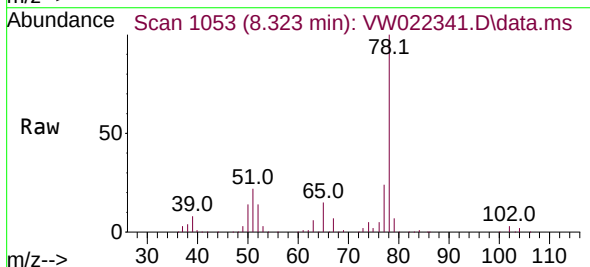
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MS

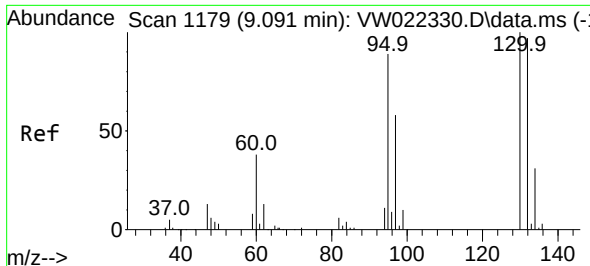
Tgt Ion:117 Resp: 64767
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1



#33
Benzene
Concen: 20.314 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion: 78 Resp: 159445



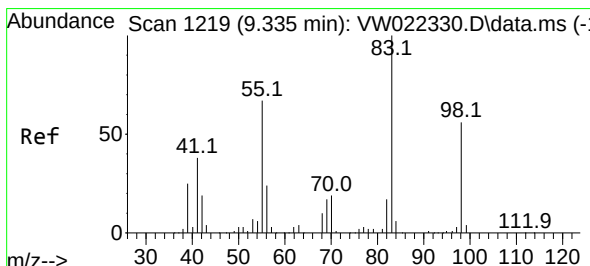
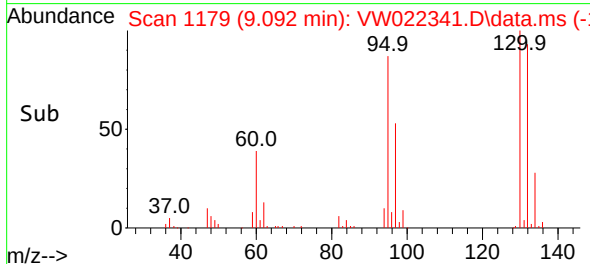
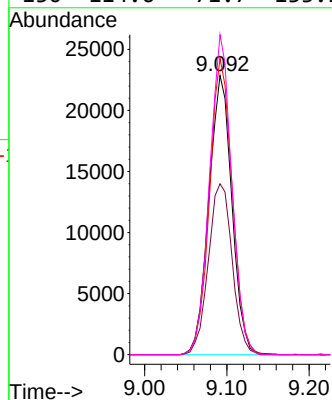
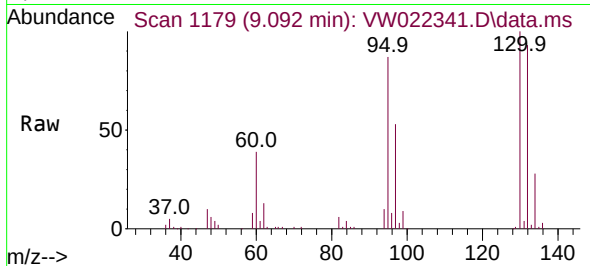


#34
Trichloroethene
Concen: 19.810 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Instrument :
MSVOA_W
ClientSampleId :
DBSA8MS

Tgt Ion: 95 Resp: 44520

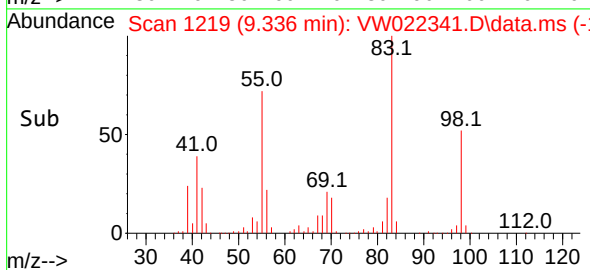
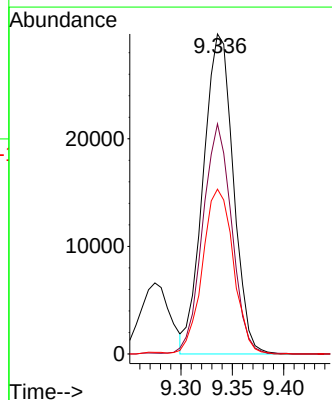
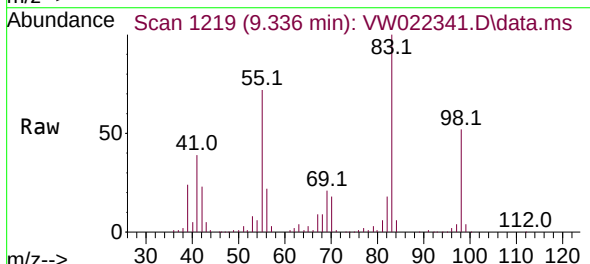
Ion	Ratio	Lower	Upper
95	100		
97	61.2	44.4	82.4
132	106.1	71.7	133.1
130	114.6	71.7	133.1

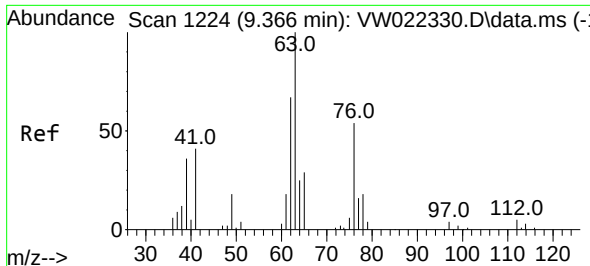


#35
Methylcyclohexane
Concen: 17.423 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion: 83 Resp: 60566

Ion	Ratio	Lower	Upper
83	100		
55	69.2	53.8	80.8
98	52.9	42.1	63.1





#37

1,2-Dichloropropane

Concen: 21.725 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Instrument :

MSVOA_W

ClientSampleId :

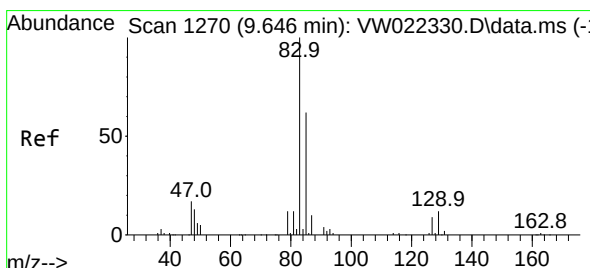
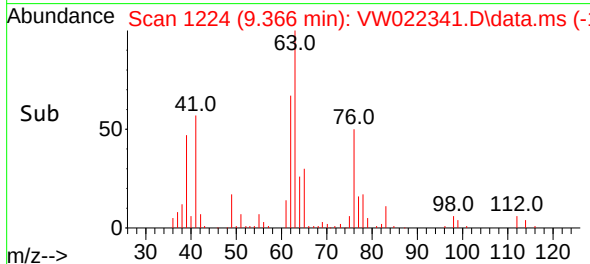
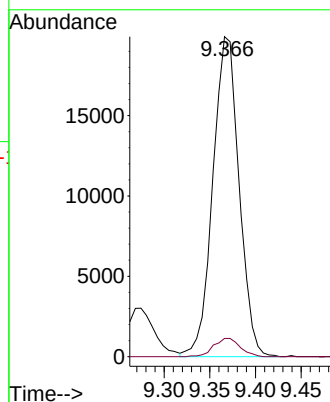
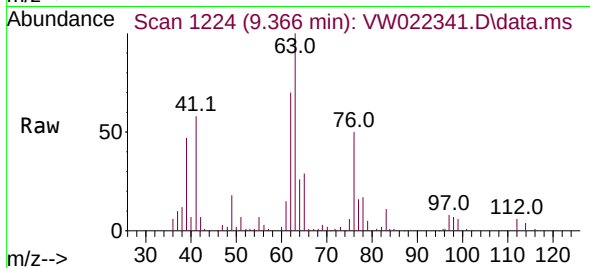
DBSA8MS

Tgt Ion: 63 Resp: 39782

Ion Ratio Lower Upper

63 100

112 5.8 4.1 6.1



#38

Bromodichloromethane

Concen: 23.052 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

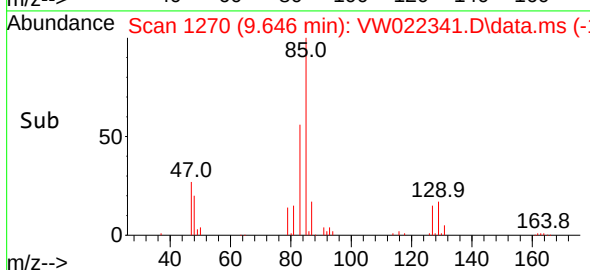
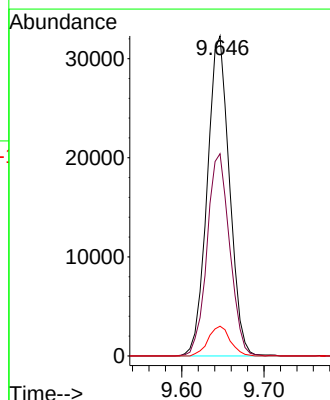
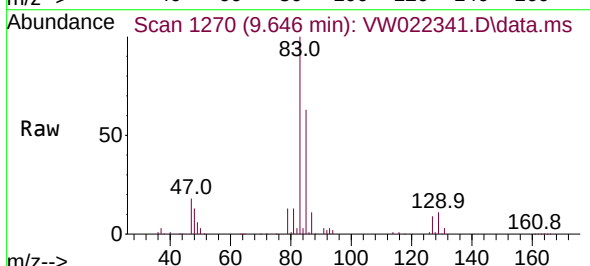
Tgt Ion: 83 Resp: 60533

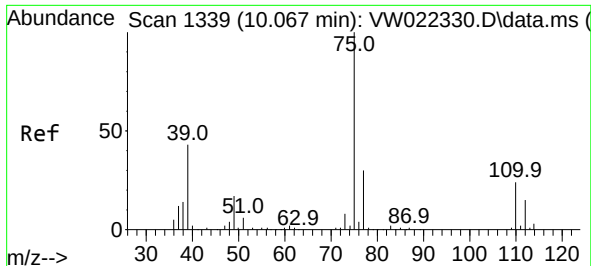
Ion Ratio Lower Upper

83 100

85 63.2 47.9 89.1

127 9.3 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 22.816 ug/L

RT: 10.073 min Scan# 1339

Delta R.T. 0.006 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Instrument :

MSVOA_W

ClientSampleId :

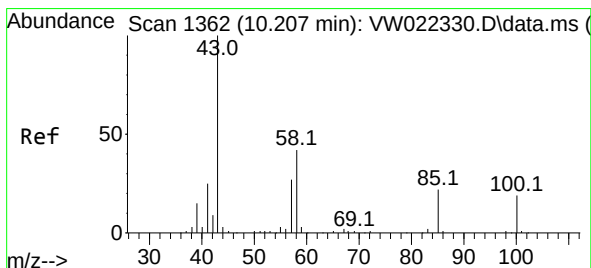
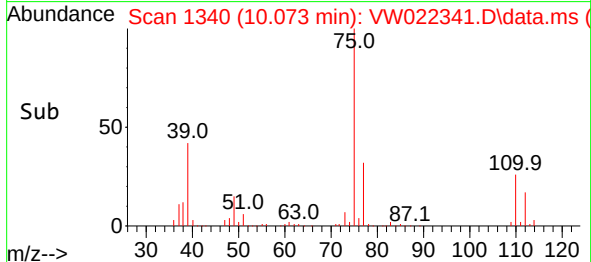
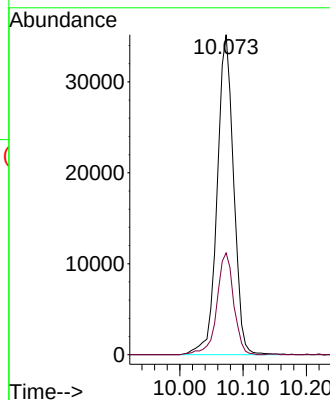
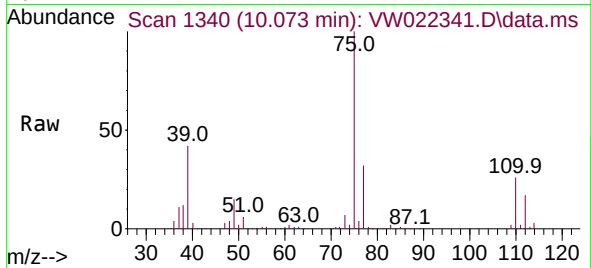
DBSA8MS

Tgt Ion: 75 Resp: 63508

Ion Ratio Lower Upper

75 100

77 31.8 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 43.822 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

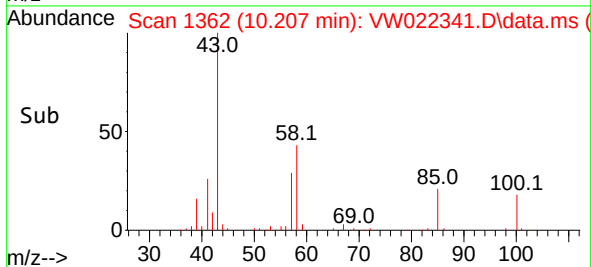
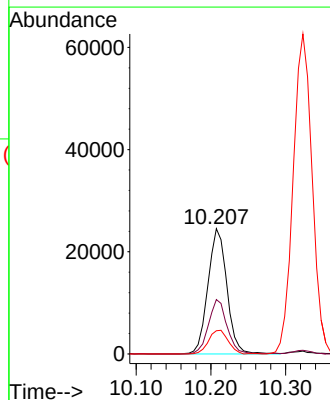
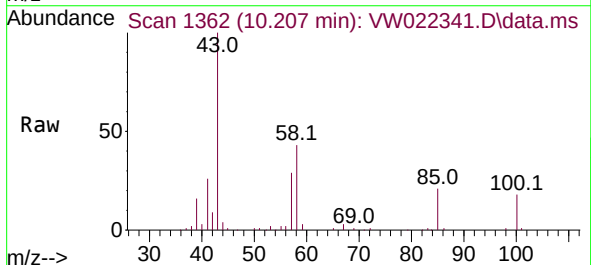
Tgt Ion: 43 Resp: 43335

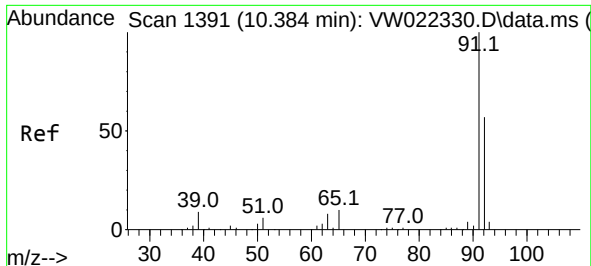
Ion Ratio Lower Upper

43 100

58 42.2 33.2 49.8

100 19.4 16.1 24.1





#42

Toluene

Concen: 21.071 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Instrument :

MSVOA_W

ClientSampleId :

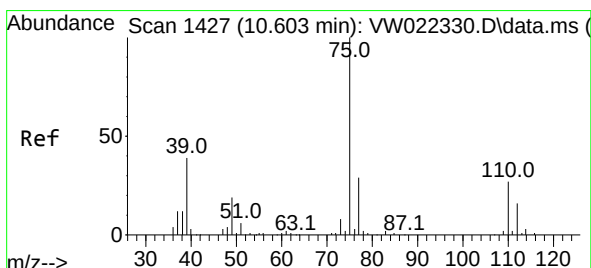
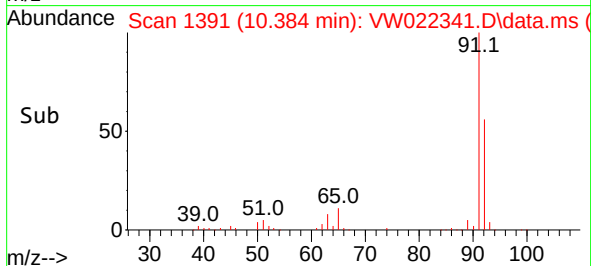
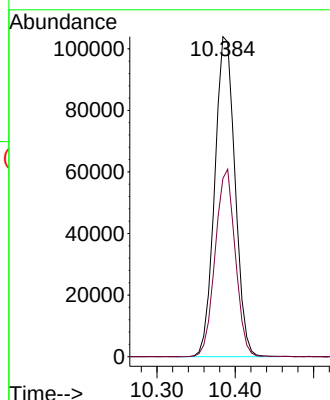
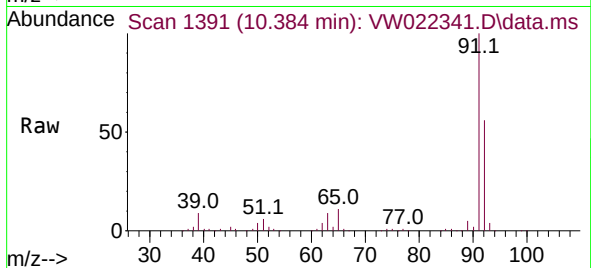
DBSA8MS

Tgt Ion: 91 Resp: 187184

Ion Ratio Lower Upper

91 100

92 55.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 22.297 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022341.D

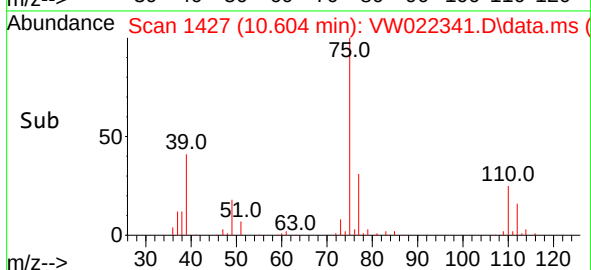
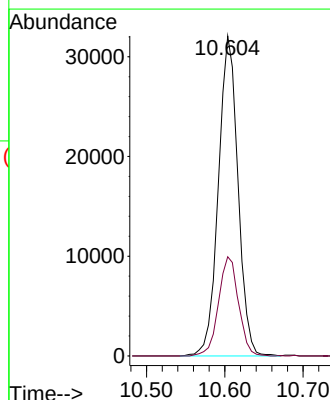
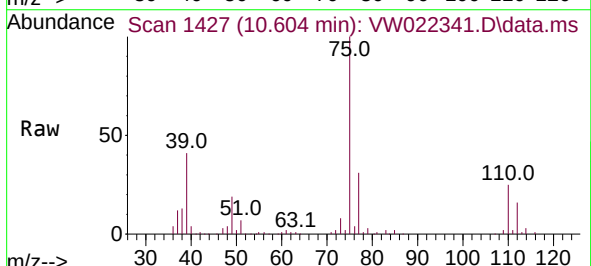
Acq: 15 Mar 2022 16:47

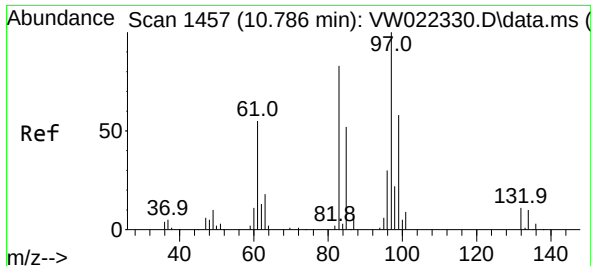
Tgt Ion: 75 Resp: 55771

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8

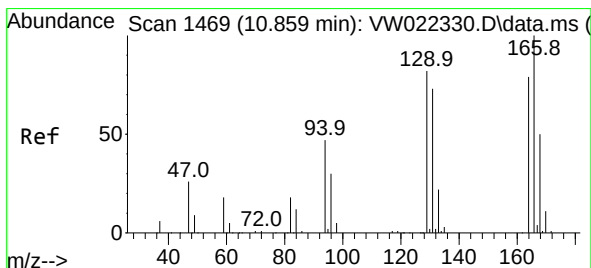
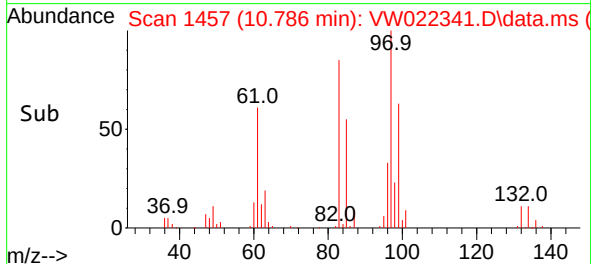
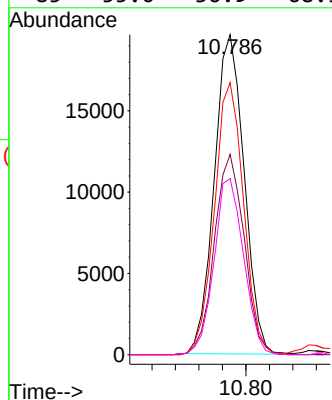
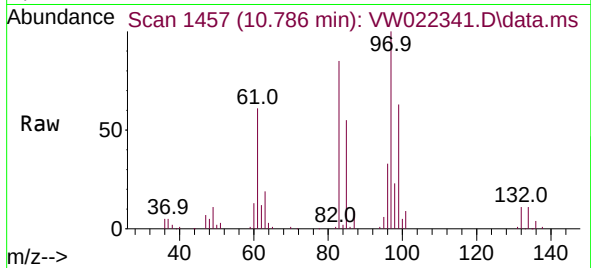




#45
1,1,2-Trichloroethane
Concen: 21.342 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

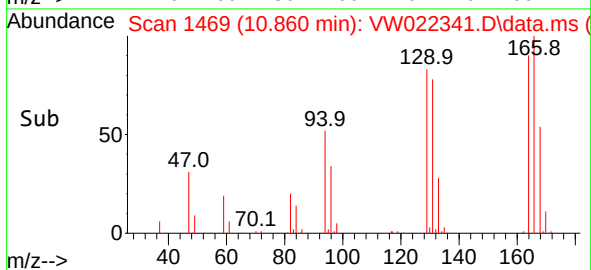
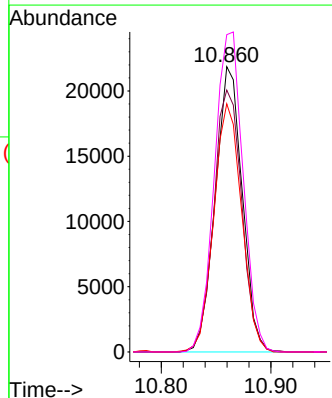
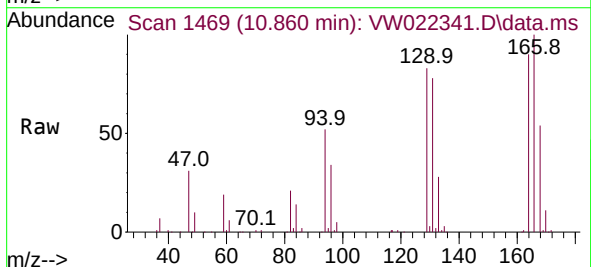
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MS

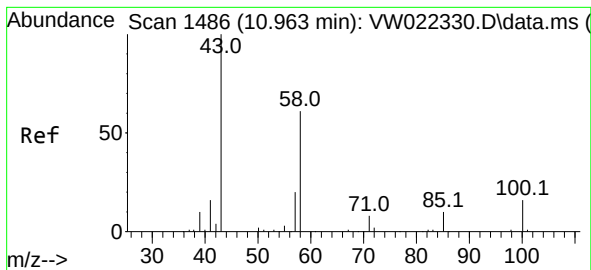
Tgt Ion: 97	Resp: 34655
Ion Ratio	Lower Upper
97 100	
99 62.6	43.5 80.7
83 85.0	53.5 99.3
85 55.0	36.9 68.5



#46
Tetrachloroethene
Concen: 19.012 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt	Ion:164	Resp:	37429
Ion	Ratio	Lower	Upper
164	100		
129	91.8	60.3	111.9
131	87.0	59.9	111.3
166	111.2	77.0	143.0

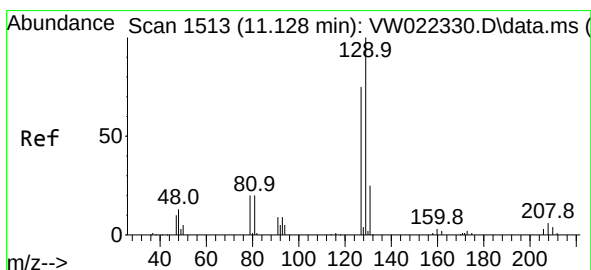
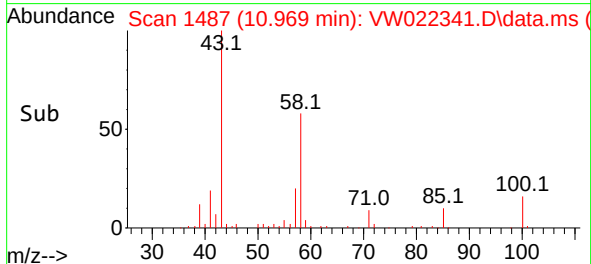
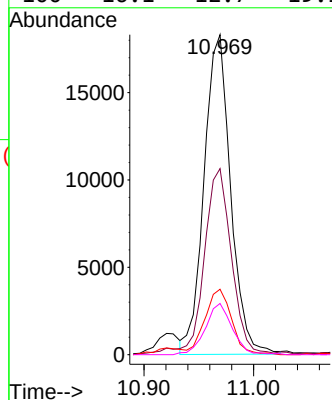
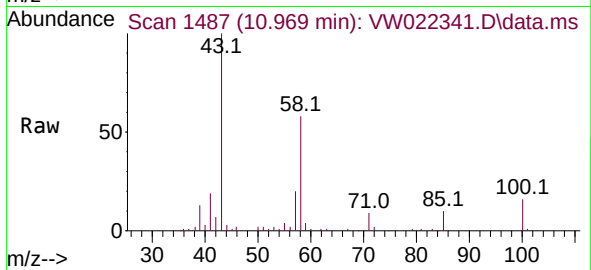




#48
2-Hexanone
Concen: 44.988 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

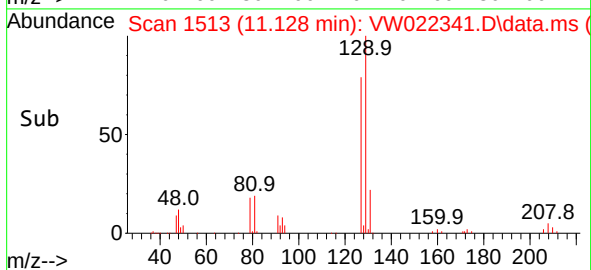
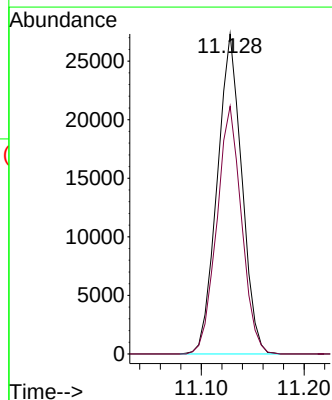
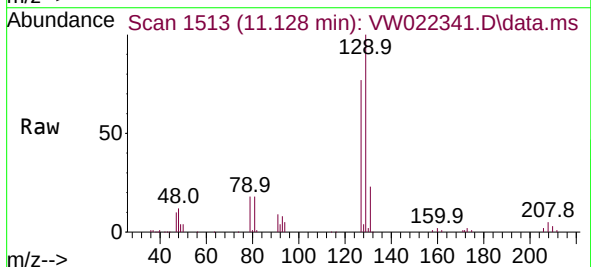
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MS

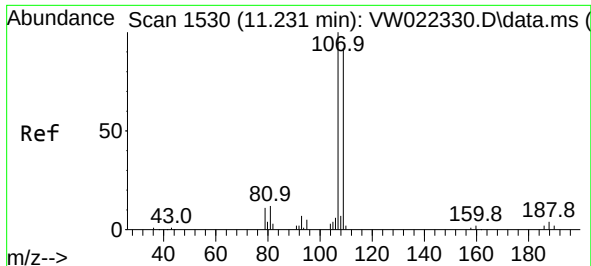
Tgt Ion: 43	Resp:	30877
Ion	Ratio	Lower Upper
43	100	
58	58.6	44.6 66.8
57	20.5	15.8 23.8
100	16.1	12.7 19.1



#49
Dibromochloromethane
Concen: 23.025 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion: 129	Resp:	45413
Ion	Ratio	Lower Upper
129	100	
127	77.4	54.5 101.1





#50

1,2-Dibromoethane

Concen: 20.642 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Instrument :

MSVOA_W

ClientSampleId :

DBSA8MS

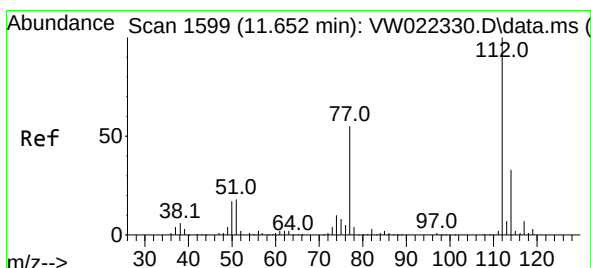
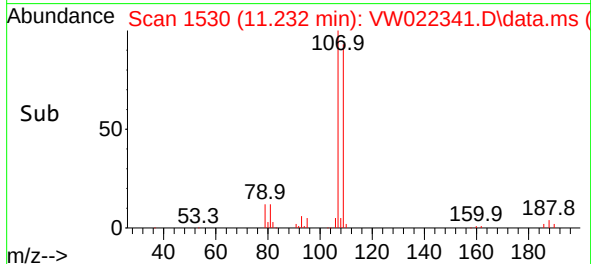
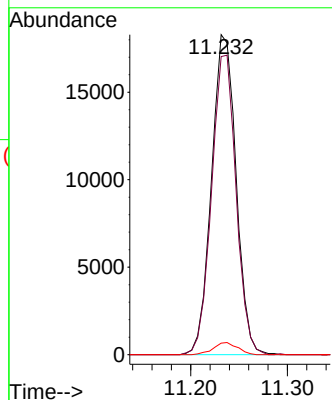
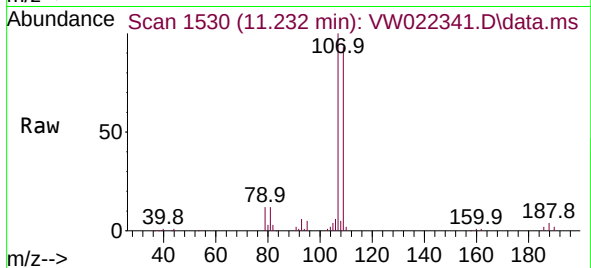
Tgt Ion:107 Resp: 32330

Ion Ratio Lower Upper

107 100

109 93.2 66.8 124.2

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 21.146 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

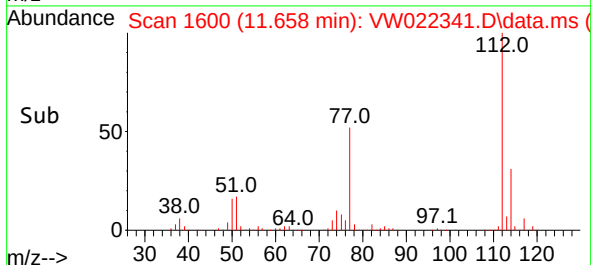
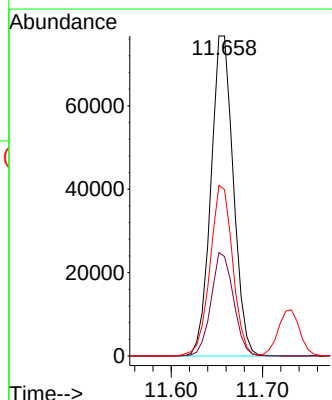
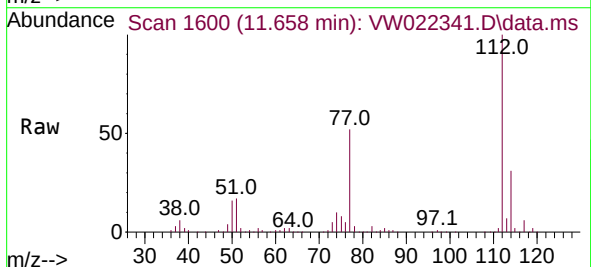
Tgt Ion:112 Resp: 130738

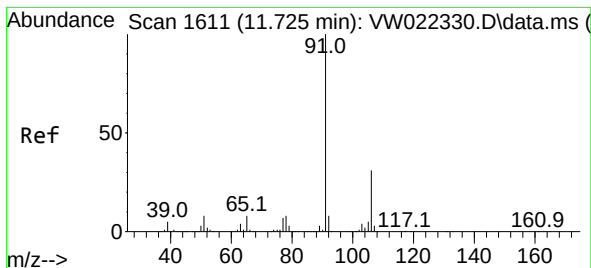
Ion Ratio Lower Upper

112 100

114 31.0 23.0 42.8

77 52.0 41.8 62.6





#52

Ethylbenzene

Concen: 21.455 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Instrument :

MSVOA_W

ClientSampleId :

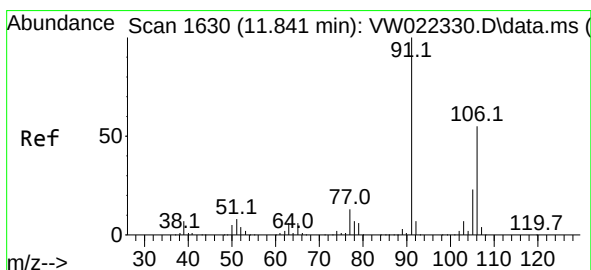
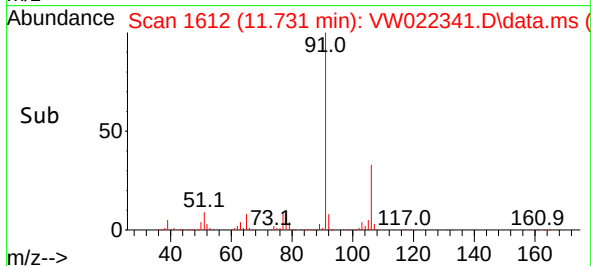
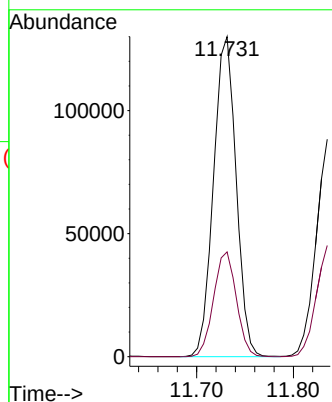
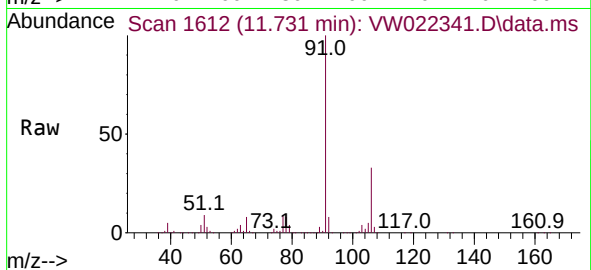
DBSA8MS

Tgt Ion: 91 Resp: 210945

Ion Ratio Lower Upper

91 100

106 32.8 22.8 42.4



#53

m,p-Xylene

Concen: 21.051 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW022341.D

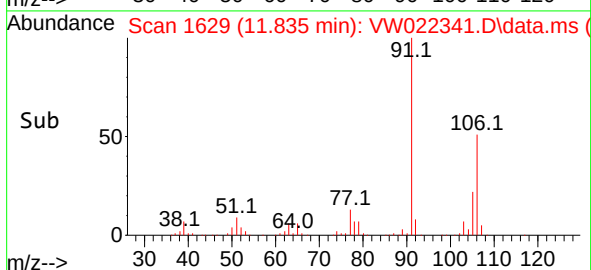
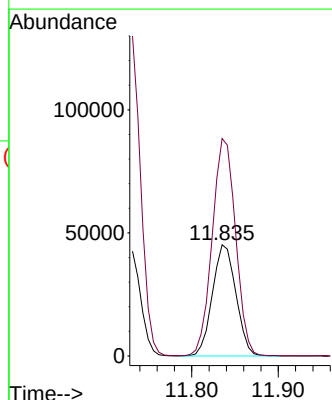
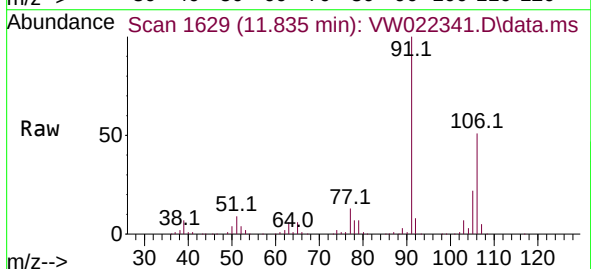
Acq: 15 Mar 2022 16:47

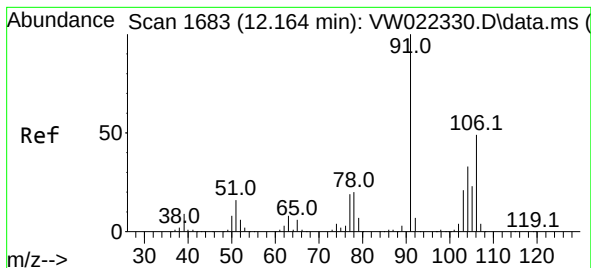
Tgt Ion:106 Resp: 85164

Ion Ratio Lower Upper

106 100

91 195.5 135.0 250.8





#54

o-Xylene

Concen: 22.080 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Instrument :

MSVOA_W

ClientSampleId :

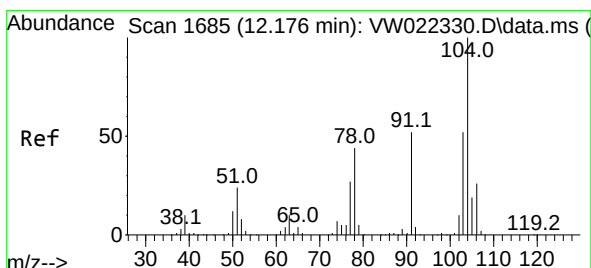
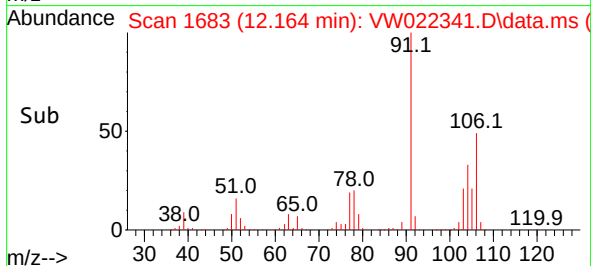
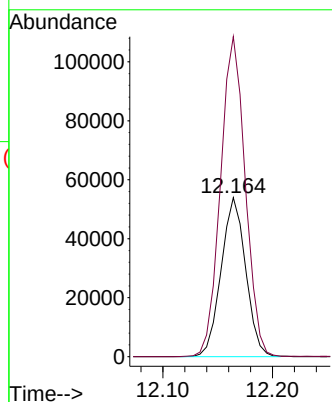
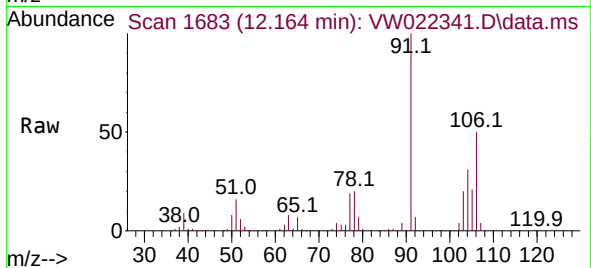
DBSA8MS

Tgt Ion:106 Resp: 84048

Ion Ratio Lower Upper

106 100

91 201.2 136.9 254.3



#55

Styrene

Concen: 22.665 ug/L

RT: 12.183 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW022341.D

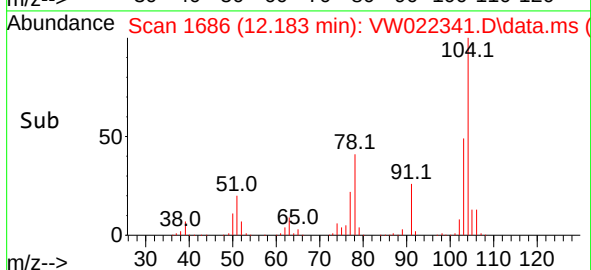
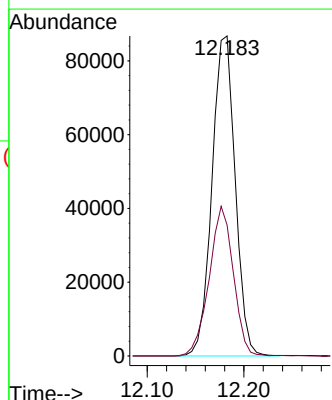
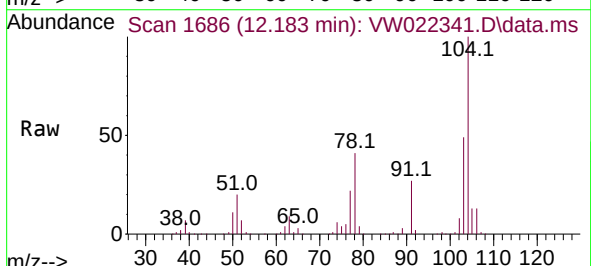
Acq: 15 Mar 2022 16:47

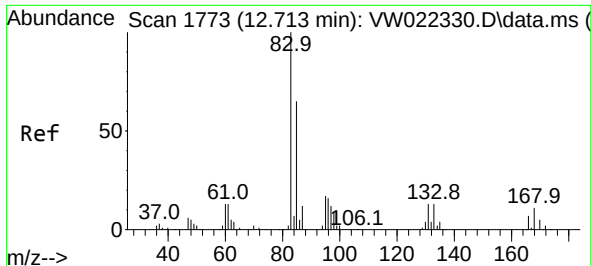
Tgt Ion:104 Resp: 144638

Ion Ratio Lower Upper

104 100

78 40.9 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.601 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Instrument :

MSVOA_W

ClientSampleId :

DBSA8MS

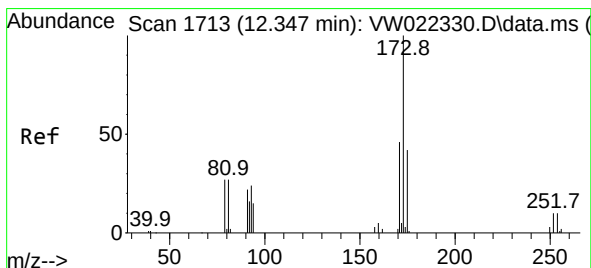
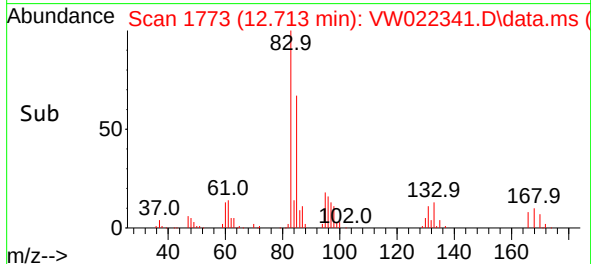
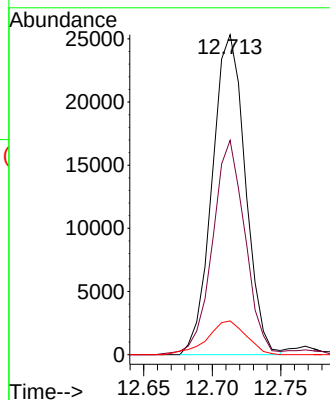
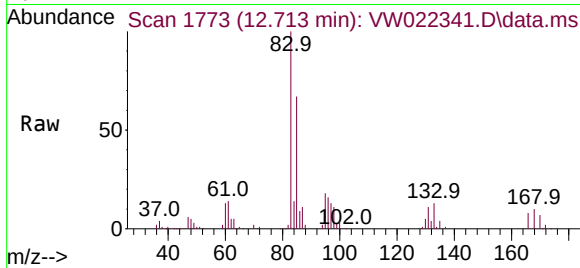
Tgt Ion: 83 Resp: 42580

Ion Ratio Lower Upper

83 100

85 67.0 44.2 82.0

131 10.5 9.4 14.0



#59

Bromoform

Concen: 22.197 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

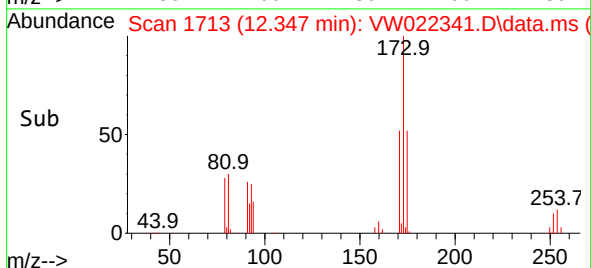
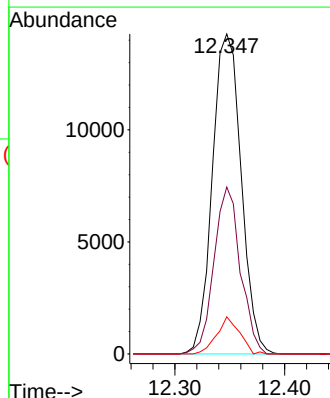
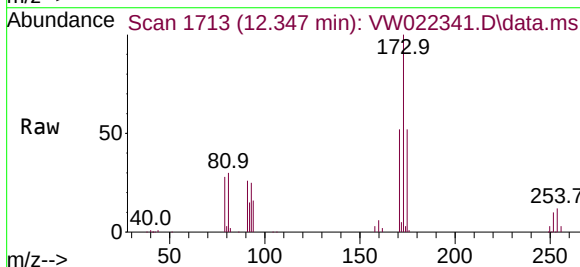
Tgt Ion:173 Resp: 26101

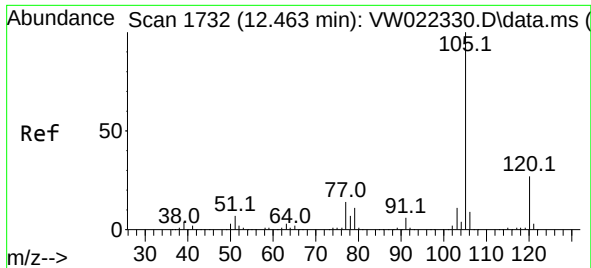
Ion Ratio Lower Upper

173 100

175 47.8 38.2 57.4

254 9.1 5.0 7.6#

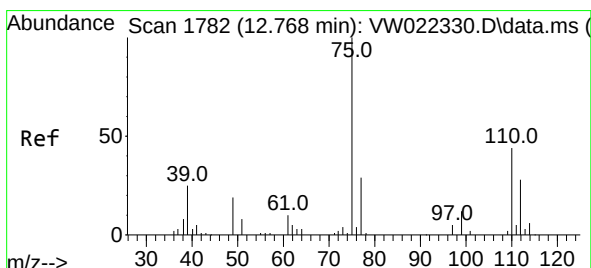
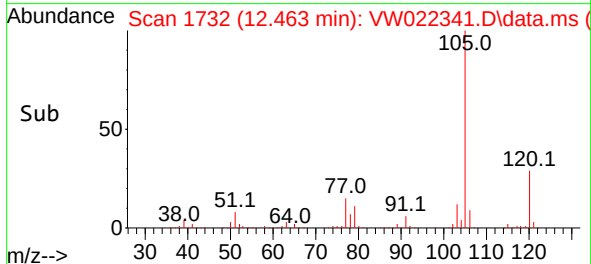
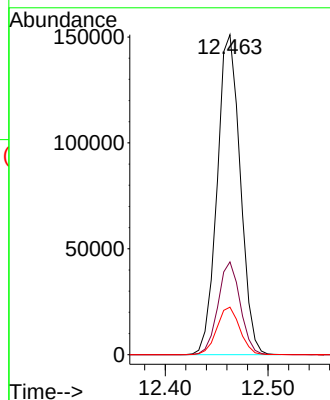
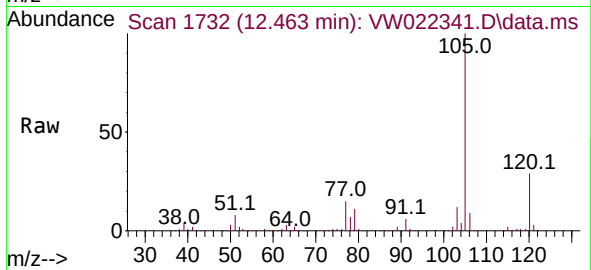




#60
Isopropylbenzene
Concen: 22.047 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

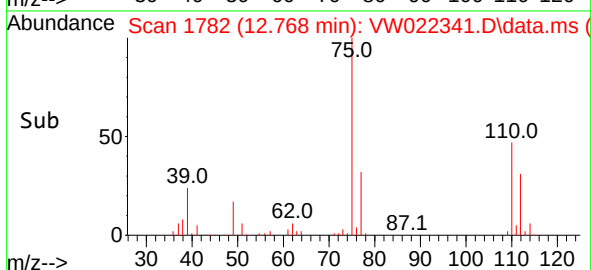
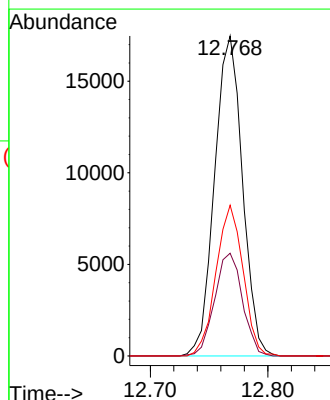
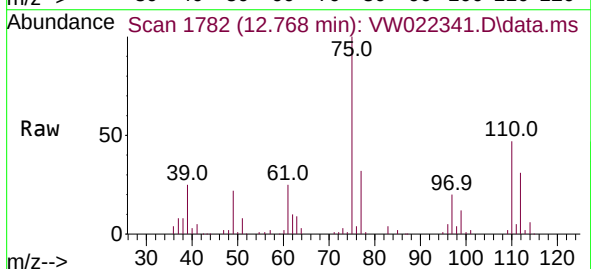
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MS

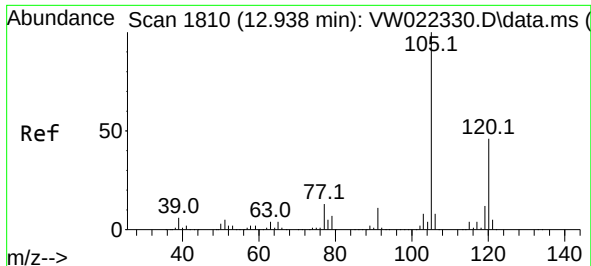
Tgt Ion:105 Resp: 235331
Ion Ratio Lower Upper
105 100
120 28.0 22.1 33.1
77 14.8 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 20.501 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion: 75 Resp: 28772
Ion Ratio Lower Upper
75 100
77 32.1 27.1 40.7
110 45.8 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 22.329 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Instrument :

MSVOA_W

ClientSampleId :

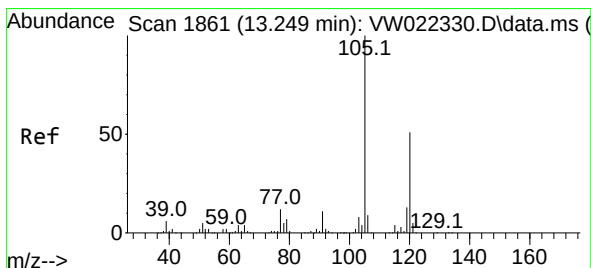
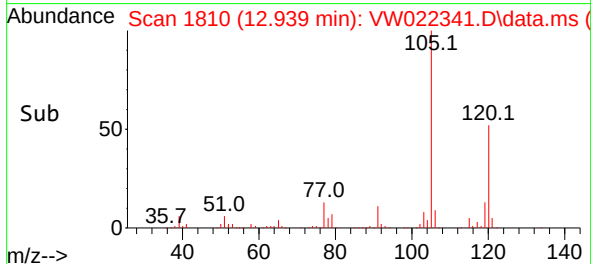
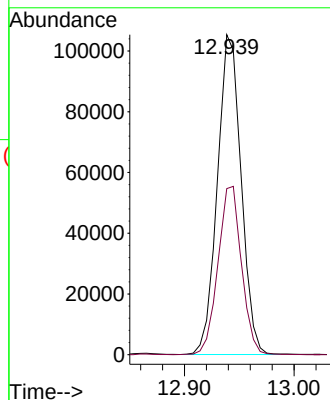
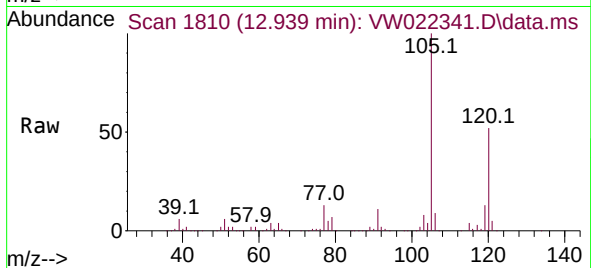
DBSA8MS

Tgt Ion:105 Resp: 158489

Ion Ratio Lower Upper

105 100

120 52.2 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 22.356 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022341.D

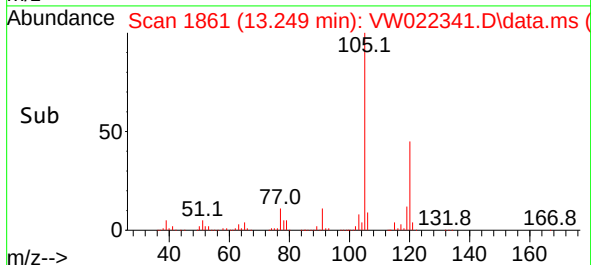
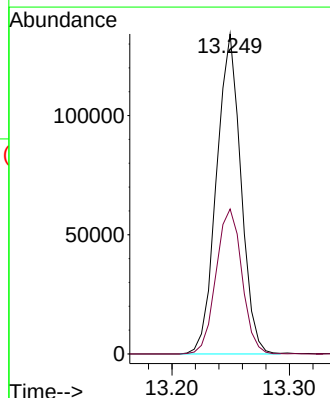
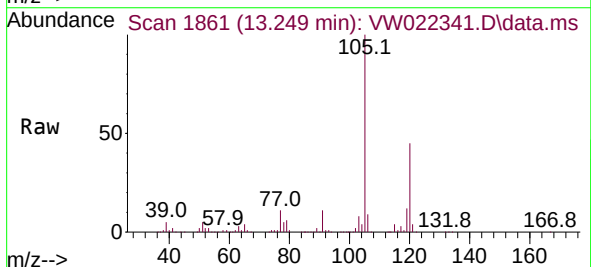
Acq: 15 Mar 2022 16:47

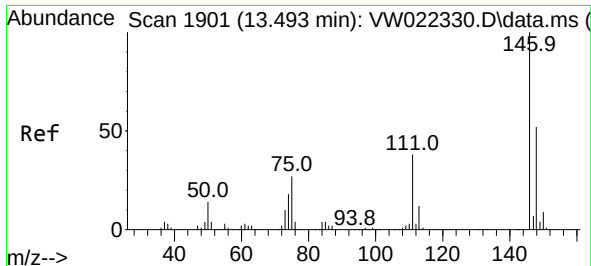
Tgt Ion:105 Resp: 193932

Ion Ratio Lower Upper

105 100

120 47.9 39.2 58.8

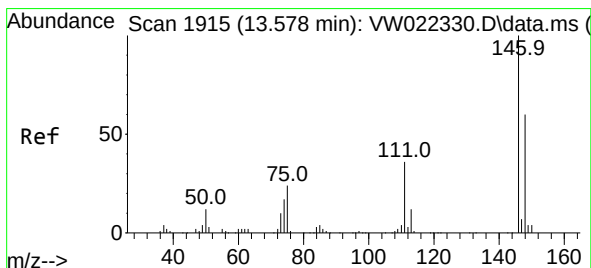
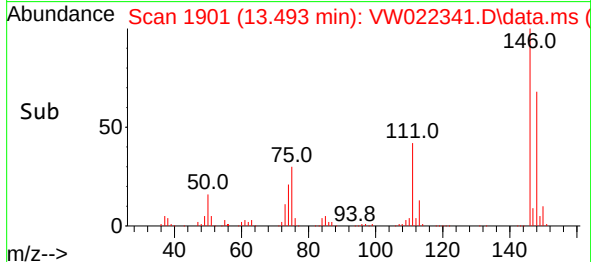
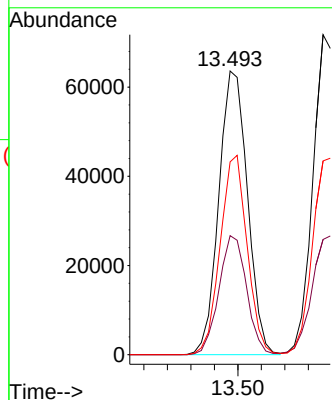
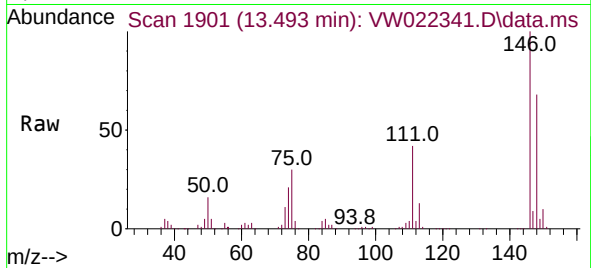




#64
1,3-Dichlorobenzene
Concen: 20.374 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

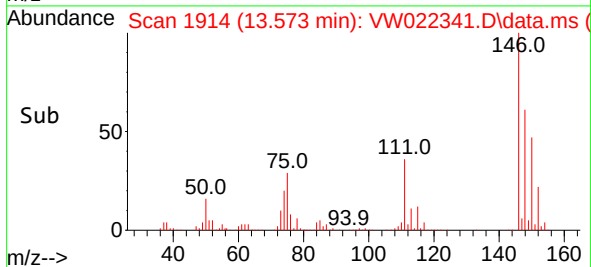
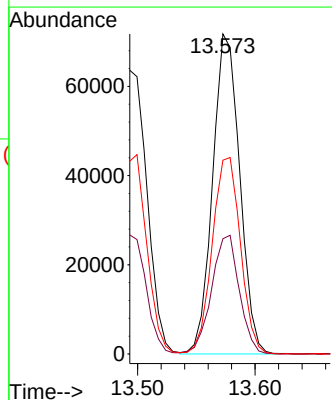
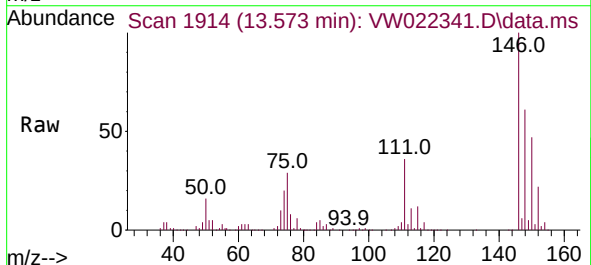
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MS

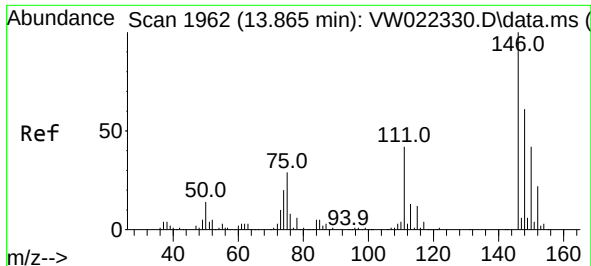
Tgt Ion:146 Resp: 107885
Ion Ratio Lower Upper
146 100
111 41.9 26.9 49.9
148 68.0 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 21.650 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion:146 Resp: 114881
Ion Ratio Lower Upper
146 100
111 36.0 27.5 51.1
148 60.5 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 21.089 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Instrument :

MSVOA_W

ClientSampleId :

DBSA8MS

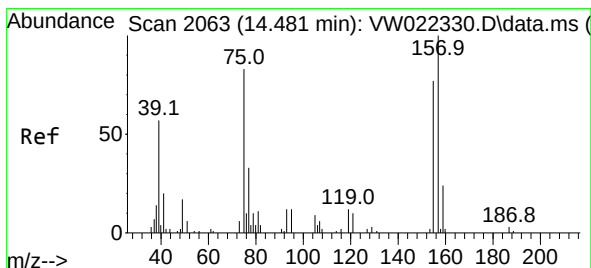
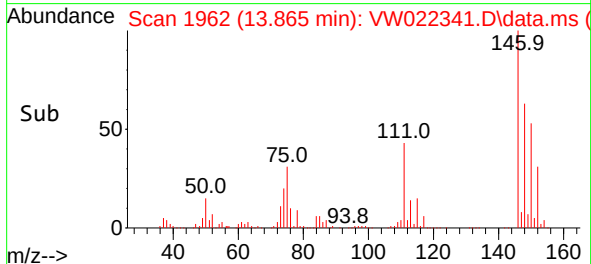
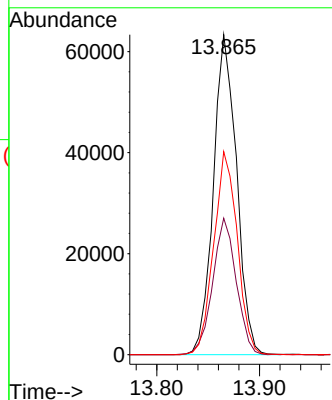
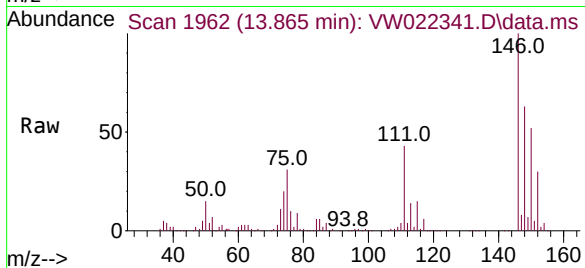
Tgt Ion:146 Resp: 99286

Ion Ratio Lower Upper

146 100

111 42.6 34.8 52.2

148 63.4 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 19.101 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

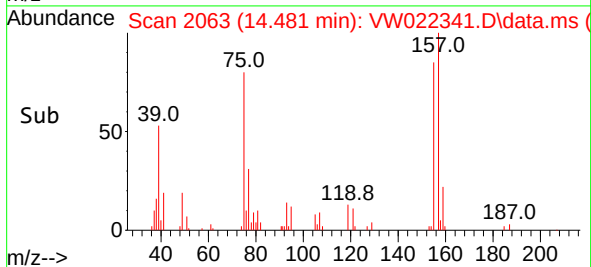
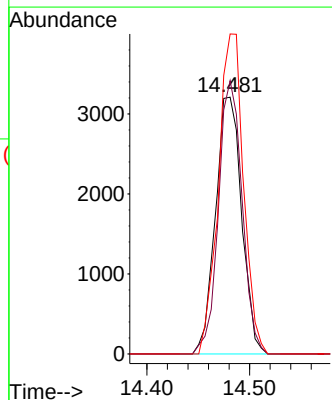
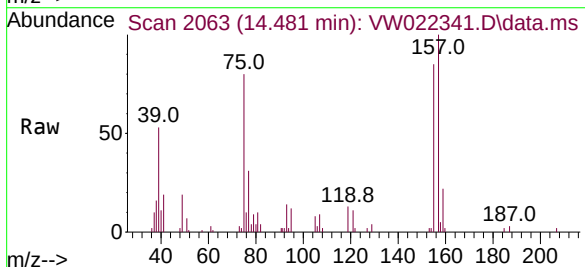
Tgt Ion: 75 Resp: 5667

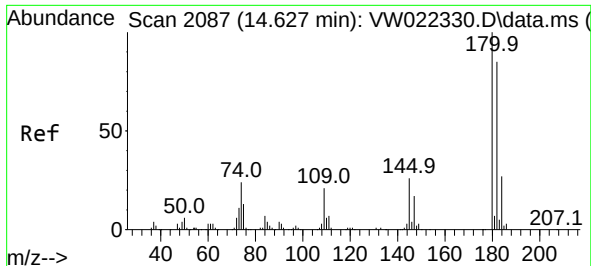
Ion Ratio Lower Upper

75 100

155 106.4 58.2 87.2#

157 124.6 80.5 120.7#

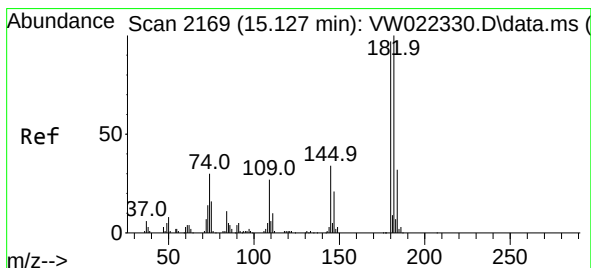
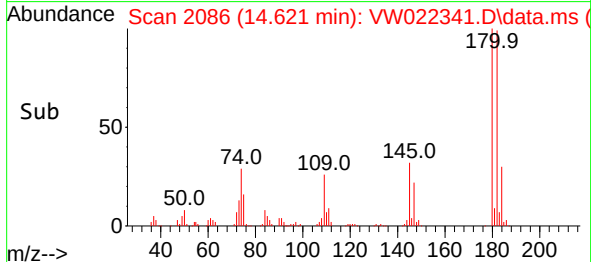
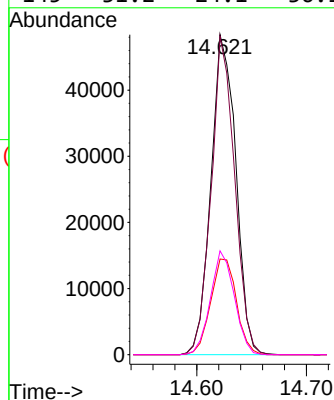
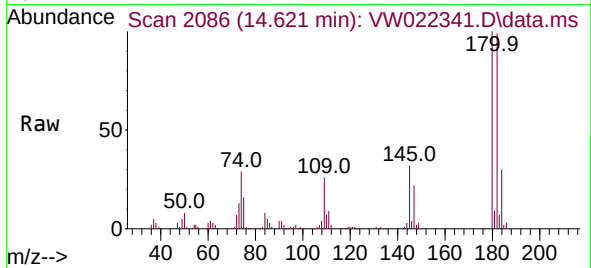




#69
1,3,5-Trichlorobenzene
Concen: 20.072 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

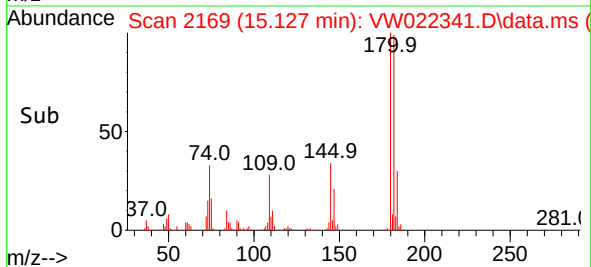
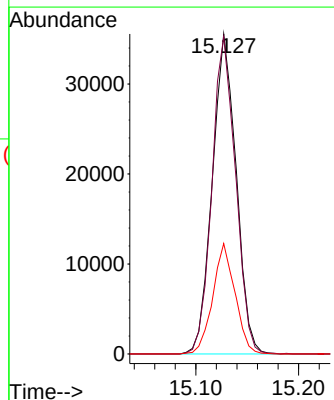
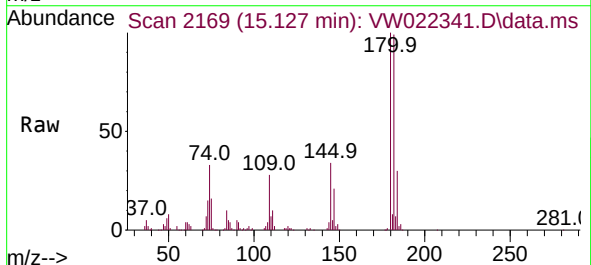
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MS

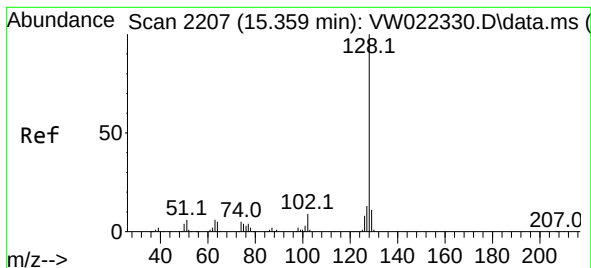
Tgt Ion:180	Resp:	76288
Ion Ratio	Lower	Upper
180	100	
182	93.9	69.4 104.0
184	31.1	21.8 32.8
145	31.2	24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 19.940 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022341.D
Acq: 15 Mar 2022 16:47

Tgt Ion:180	Resp:	57340
Ion Ratio	Lower	Upper
180	100	
182	98.0	77.8 116.6
145	32.2	25.8 38.6





#71

Naphthalene

Concen: 20.928 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Instrument :

MSVOA_W

ClientSampleId :

DBSA8MS

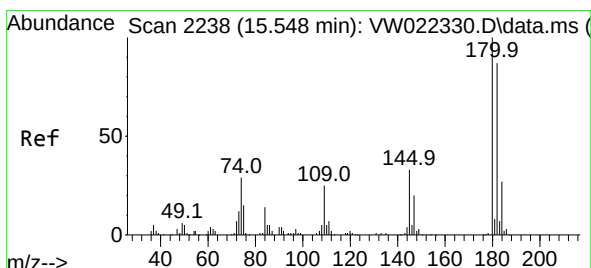
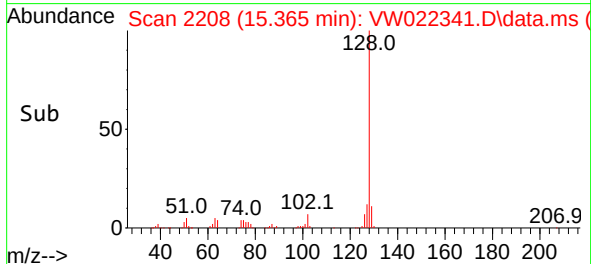
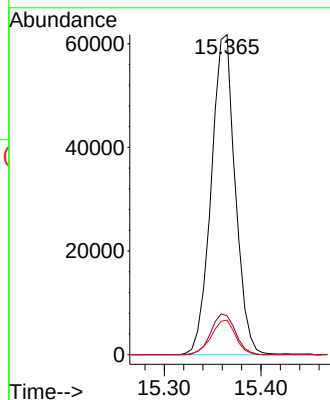
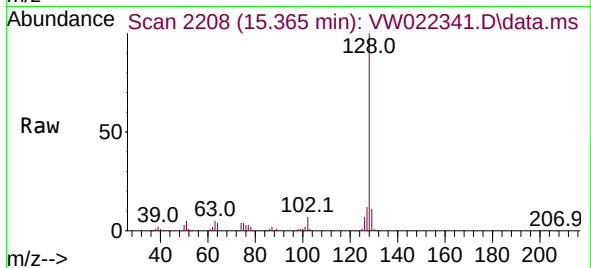
Tgt Ion:128 Resp: 106242

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.6

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 20.468 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022341.D

Acq: 15 Mar 2022 16:47

Tgt Ion:180 Resp: 50911

Ion Ratio Lower Upper

180 100

182 95.9 79.0 118.4

145 33.3 28.0 42.0

