

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023372.D
 Acq On : 02 Jun 2022 13:41
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV412

Quant Time: Jun 02 21:49:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:45:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	402814	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	368093	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	196264	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	143515	24.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.360%
7) Chloroethane-d5	2.885	69	103087	24.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.560%
11) 1,1-Dichloroethene-d2	4.025	63	207279	22.638	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.560%
21) 2-Butanone-d5	7.080	46	61359	50.044	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.080%
24) Chloroform-d	7.647	84	246300	23.220	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.880%
26) 1,2-Dichloroethane-d4	8.305	65	134589	24.225	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.920%
32) Benzene-d6	8.275	84	481300	24.335	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	9.275	67	137357	24.275	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	10.323	98	462300	24.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.080%
43) trans-1,3-Dichloroprop...	10.579	79	62601	24.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.120%
47) 2-Hexanone-d5	10.927	63	46504	51.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.320%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	129326	25.913	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	172213	24.824	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	45671	27.002	ug/L	98
3) Chloromethane	2.215	50	124387	25.006	ug/L	97
5) Vinyl chloride	2.361	62	182766	23.604	ug/L	99
6) Bromomethane	2.782	94	96196	25.449	ug/L	96
8) Chloroethane	2.922	64	89243	25.041	ug/L	92
9) Trichlorofluoromethane	3.257	101	76894	20.851	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	118628	22.173	ug/L	99
12) 1,1-Dichloroethene	4.044	96	108693	23.545	ug/L	99
13) Acetone	4.123	43	40904	45.863	ug/L	98
14) Carbon disulfide	4.385	76	351691	22.808	ug/L	100
15) Methyl Acetate	4.672	43	49888	24.862	ug/L	97
16) Methylene chloride	4.916	84	122799	21.282	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	126737	23.532	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	195619	24.673	ug/L	99
19) 1,1-Dichloroethane	6.220	63	211141	23.144	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	133461	23.598	ug/L	93
22) 2-Butanone	7.171	43	63922	47.171	ug/L	98
23) Bromochloromethane	7.519	128	63032	23.488	ug/L	95
25) Chloroform	7.677	83	234186	23.454	ug/L	99

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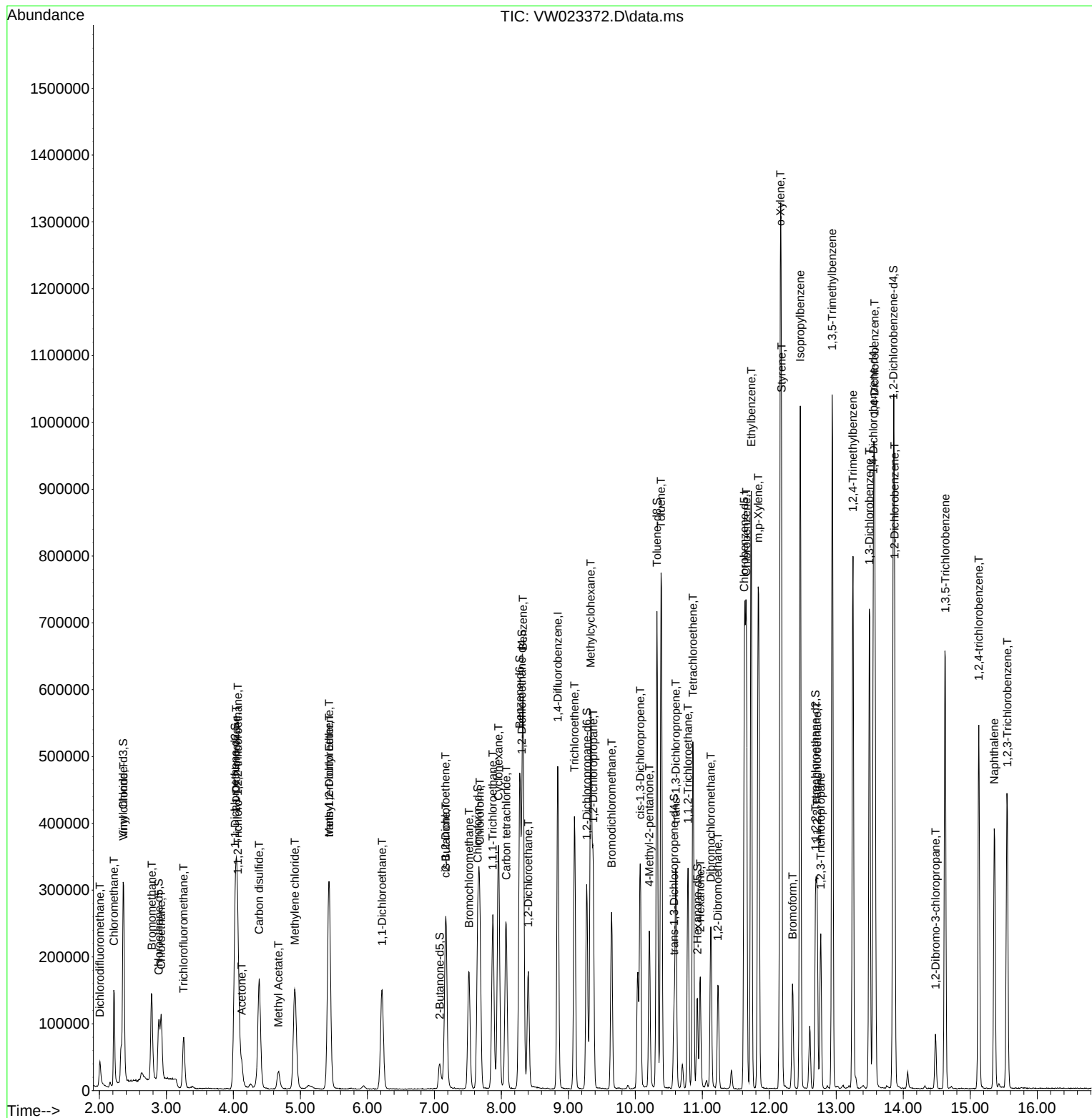
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	155491	24.187	ug/L	98
29) Cyclohexane	7.958	56	194459	24.659	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	205803	24.159	ug/L	100
31) Carbon tetrachloride	8.074	117	188882	23.575	ug/L	98
33) Benzene	8.323	78	515802	24.462	ug/L	100
34) Trichloroethene	9.092	95	135677	23.758	ug/L	97
35) Methylcyclohexane	9.335	83	233506	24.682	ug/L	99
37) 1,2-Dichloropropane	9.372	63	120602	24.278	ug/L	99
38) Bromodichloromethane	9.646	83	170969	24.314	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	194389	24.913	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	146544	52.053	ug/L	99
42) Toluene	10.384	91	576721	24.620	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	174800	25.036	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	102043	25.090	ug/L	96
46) Tetrachloroethene	10.860	164	110633	24.194	ug/L	91
48) 2-Hexanone	10.969	43	100361	53.336	ug/L	98
49) Dibromochloromethane	11.128	129	124039	24.853	ug/L	98
50) 1,2-Dibromoethane	11.231	107	101661	25.641	ug/L	94
51) Chlorobenzene	11.658	112	374440	24.209	ug/L	98
52) Ethylbenzene	11.731	91	638718	24.830	ug/L	99
53) m,p-Xylene	11.835	106	254499	24.984	ug/L	93
54) o-Xylene	12.164	106	245203	25.160	ug/L	97
55) Styrene	12.183	104	413161	24.875	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	125837	26.196	ug/L	95
59) Bromoform	12.347	173	70401	24.435	ug/L	99
60) Isopropylbenzene	12.463	105	650698	24.174	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	88760	25.160	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	548401	24.866	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	420856	24.580	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	298268	24.374	ug/L	99
65) 1,4-Dichlorobenzene	13.573	146	303433	24.256	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	270315	24.438	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18992	24.169	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	200143	24.765	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	163167	25.411	ug/L	98
71) Naphthalene	15.359	128	330279	27.320	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	143001	25.729	ug/L	98

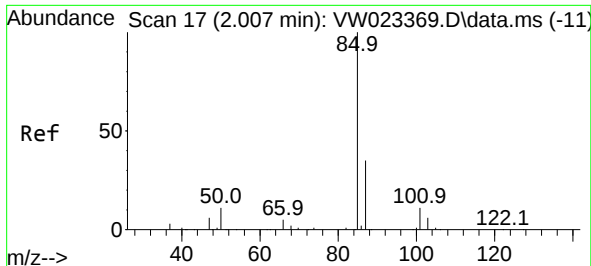
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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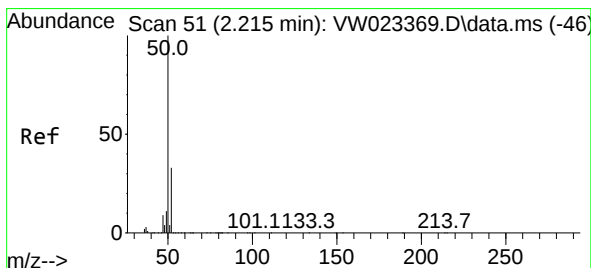
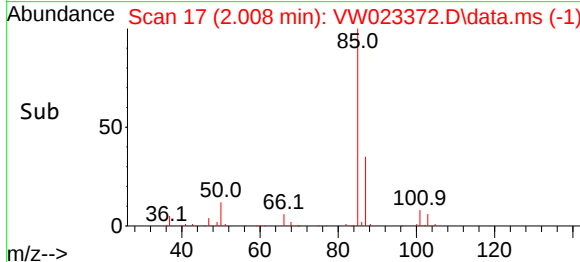
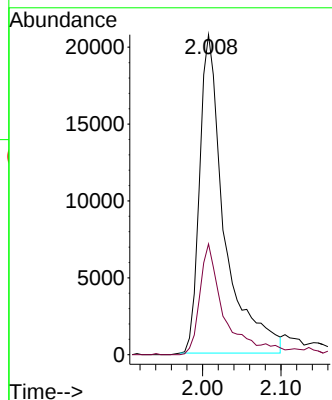
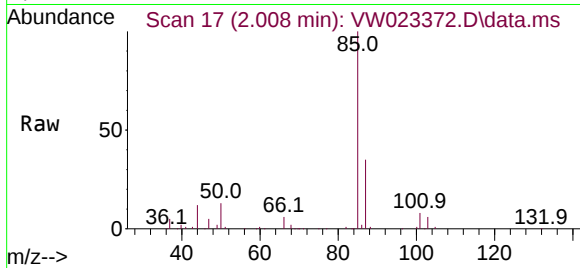




#2
Dichlorodifluoromethane
Concen: 27.002 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

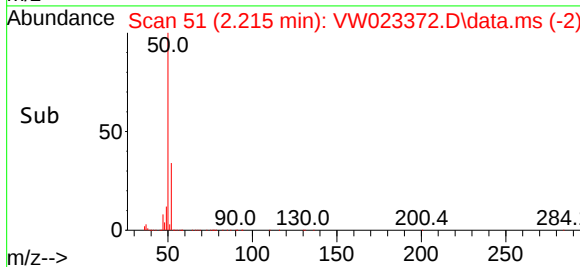
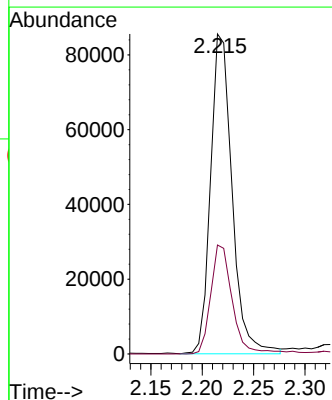
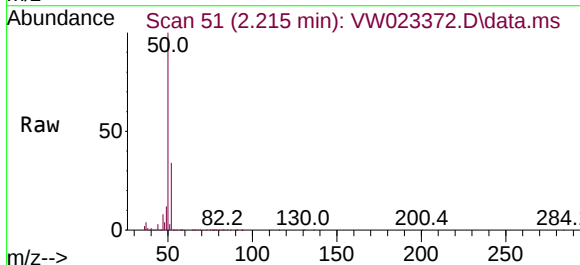
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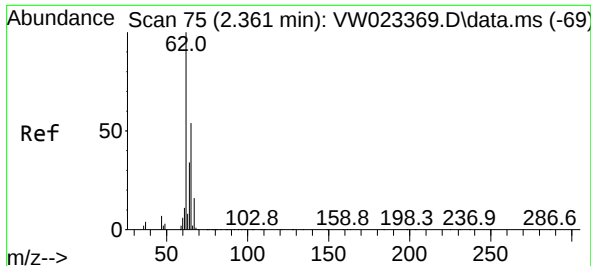
Tgt Ion: 85 Resp: 45671
Ion Ratio Lower Upper
85 100
87 31.6 26.3 39.5



#3
Chloromethane
Concen: 25.006 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion: 50 Resp: 124387
Ion Ratio Lower Upper
50 100
52 34.1 22.8 42.4

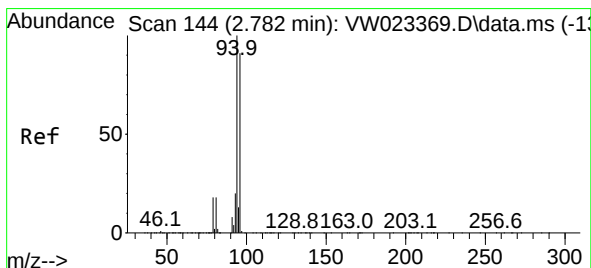
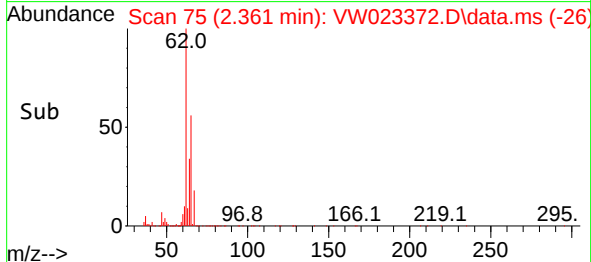
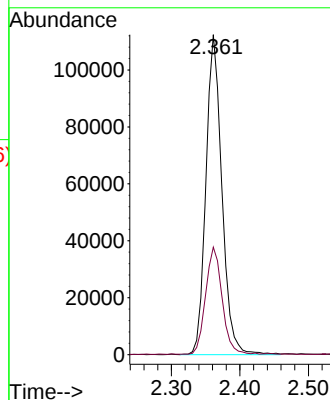
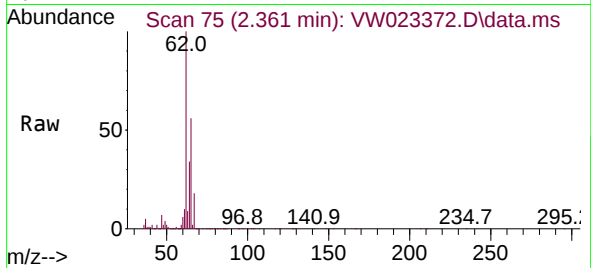




#5
 Vinyl chloride
 Concen: 23.604 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023372.D
 Acq: 02 Jun 2022 13:41

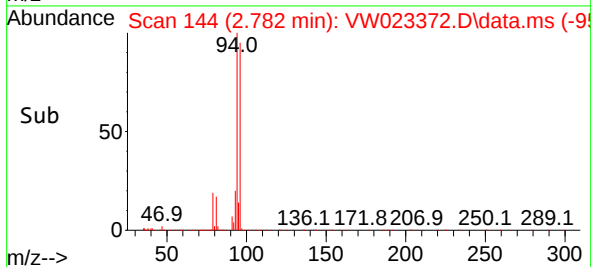
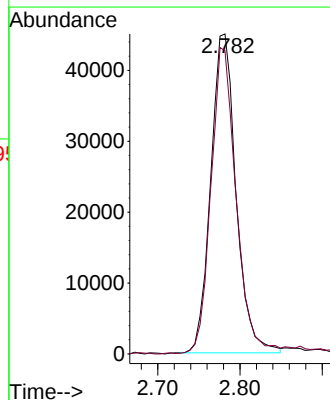
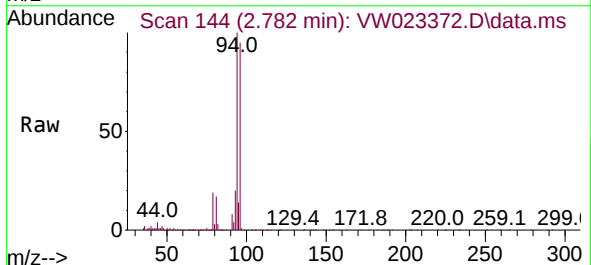
Instrument :
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 ClientSampleId :
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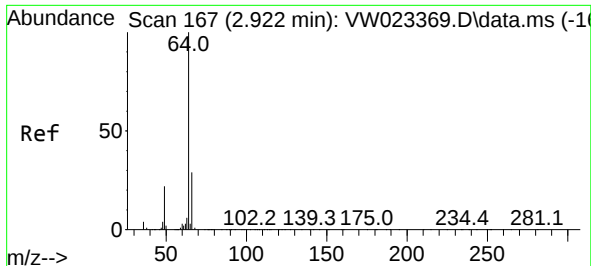
Tgt Ion: 62 Resp: 182766
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.9 44.3



#6
 Bromomethane
 Concen: 25.449 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW023372.D
 Acq: 02 Jun 2022 13:41

Tgt Ion: 94 Resp: 96196
 Ion Ratio Lower Upper
 94 100
 96 94.8 63.8 118.4

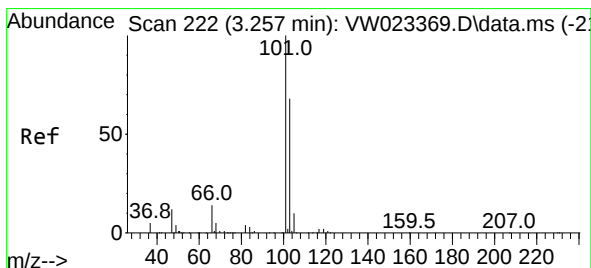
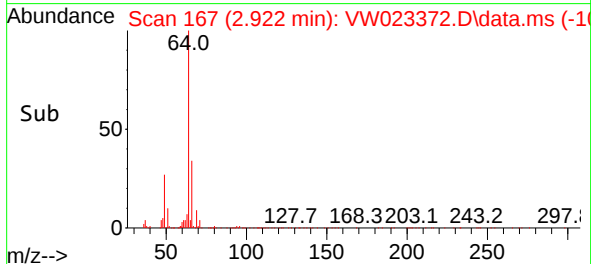
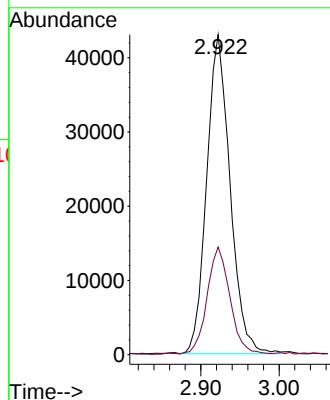
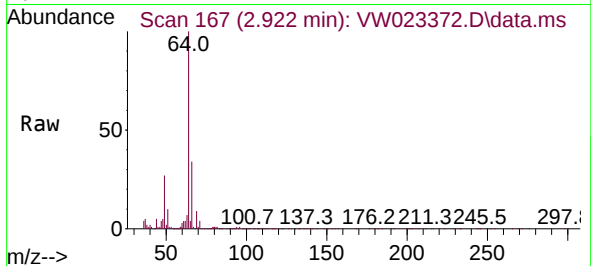




#8
Chloroethane
Concen: 25.041 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

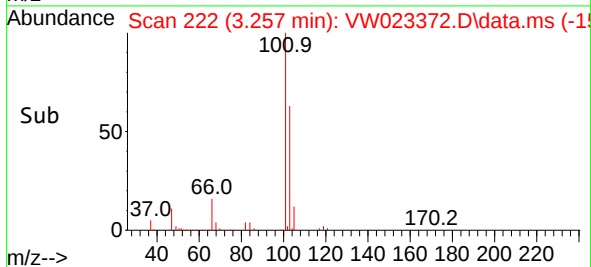
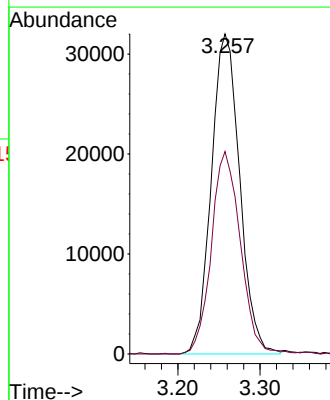
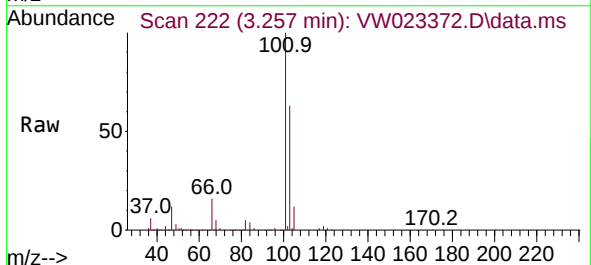
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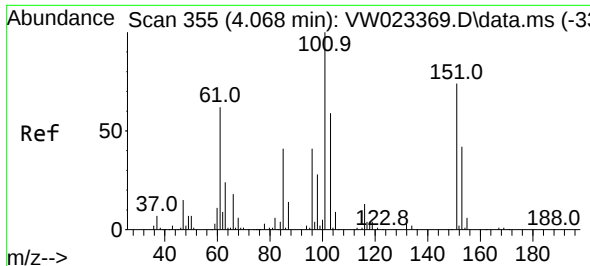
Tgt Ion: 64 Resp: 89243
Ion Ratio Lower Upper
64 100
66 33.6 20.6 38.4



#9
Trichlorofluoromethane
Concen: 20.851 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion: 101 Resp: 76894
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

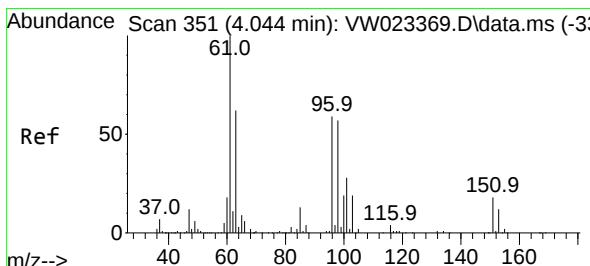
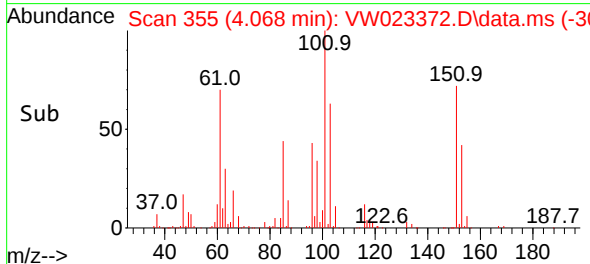
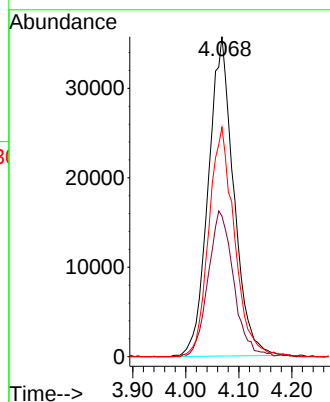
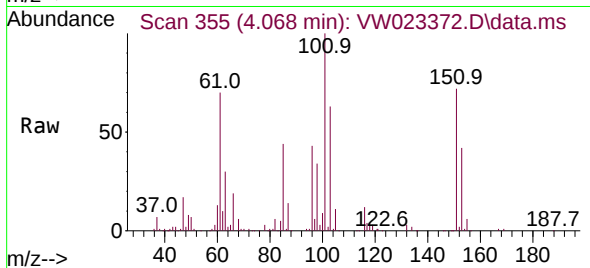




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.173 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW023372.D
 Acq: 02 Jun 2022 13:41

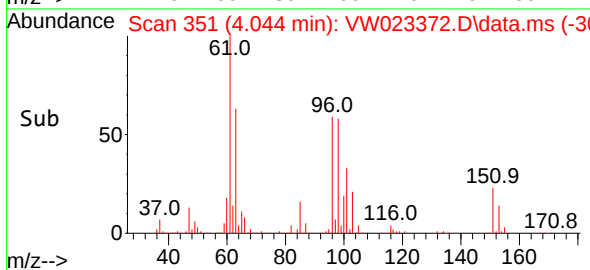
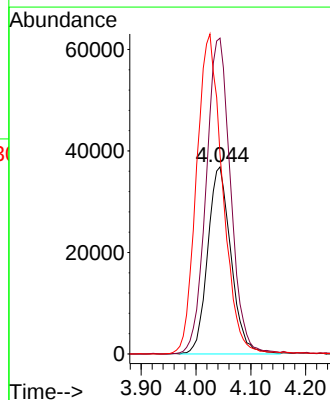
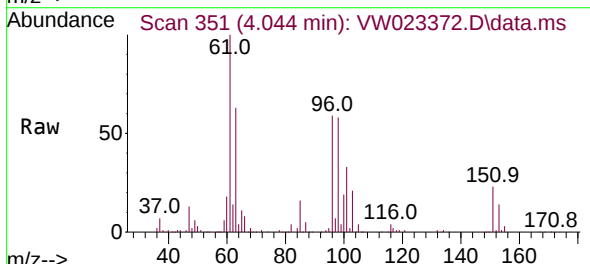
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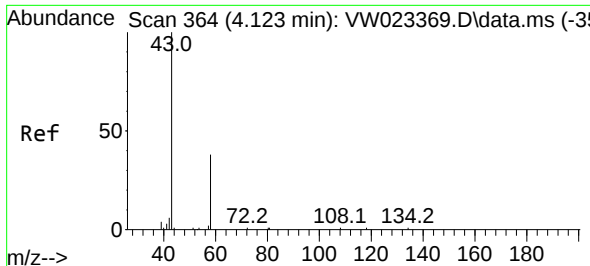
Tgt Ion:101 Resp: 118628
 Ion Ratio Lower Upper
 101 100
 85 45.9 35.4 53.0
 151 72.4 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 23.545 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW023372.D
 Acq: 02 Jun 2022 13:41

Tgt Ion: 96 Resp: 108693
 Ion Ratio Lower Upper
 96 100
 61 168.8 119.4 221.8
 63 106.6 74.7 138.7

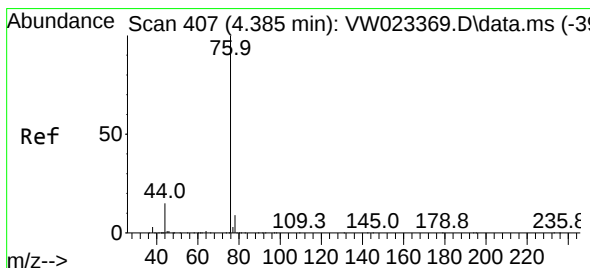
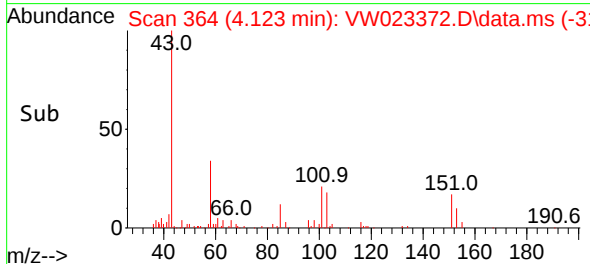
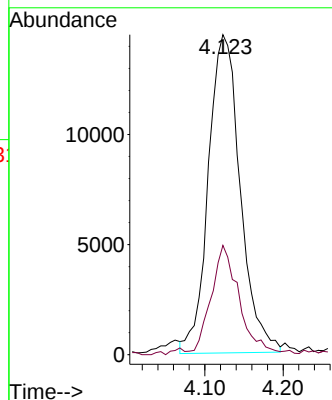
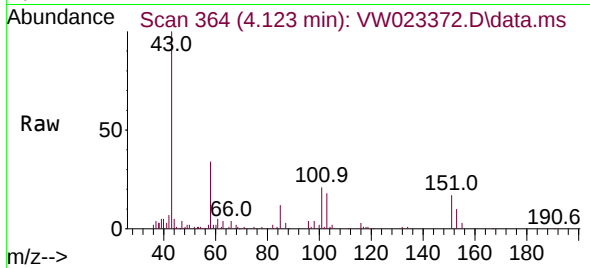




#13
Acetone
Concen: 45.863 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023372.D
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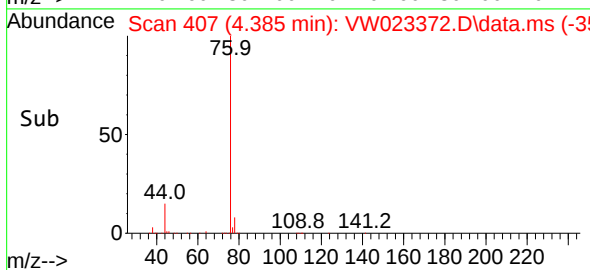
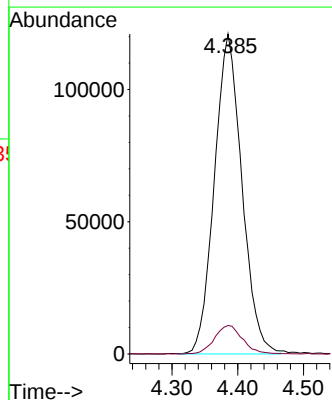
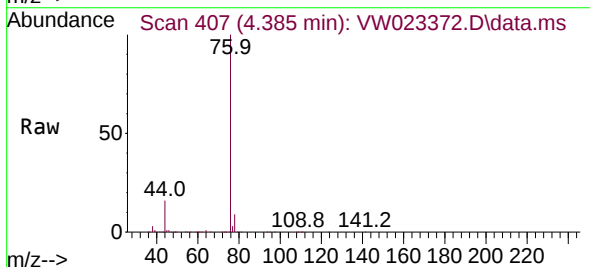
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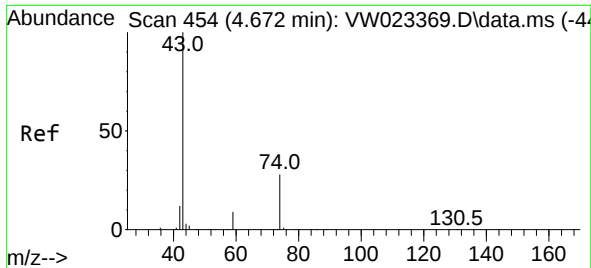
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Ion Ratio Lower Upper
43 100
58 30.3 0.0 63.0



#14
Carbon disulfide
Concen: 22.808 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion: 76 Resp: 351691
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

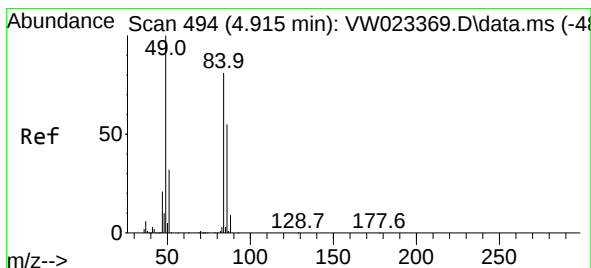
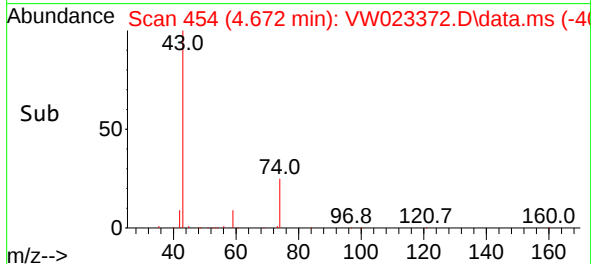
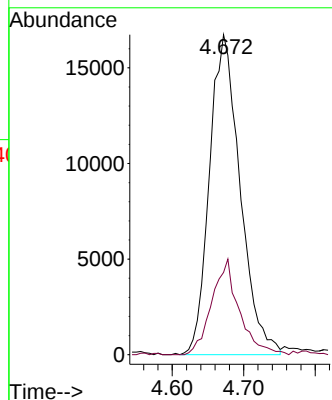
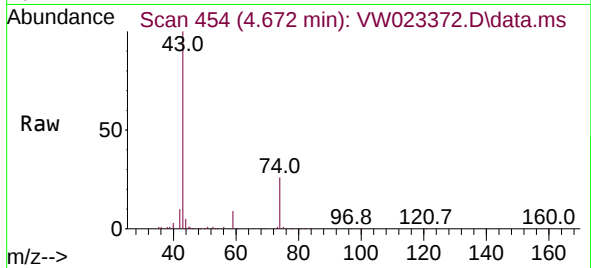




#15
Methyl Acetate
Concen: 24.862 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

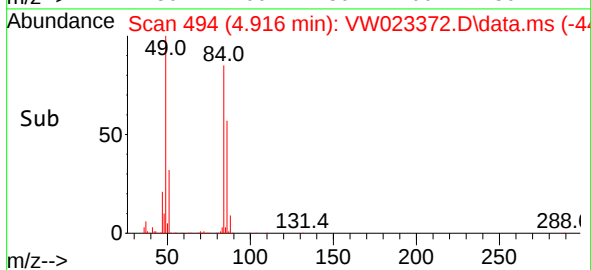
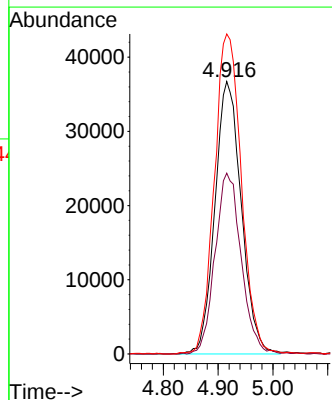
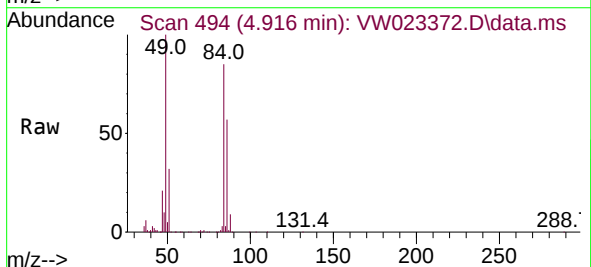
Instrument :
MSVOA_W
ClientSampleId :
VICV412

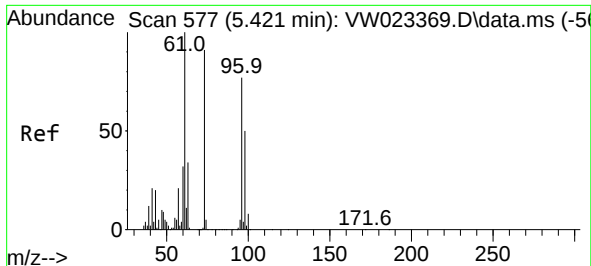
Tgt Ion: 43 Resp: 49888
Ion Ratio Lower Upper
43 100
74 26.6 20.2 30.2



#16
Methylene chloride
Concen: 21.282 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion: 84 Resp: 122799
Ion Ratio Lower Upper
84 100
86 66.4 47.3 87.9
49 117.4 86.8 161.2

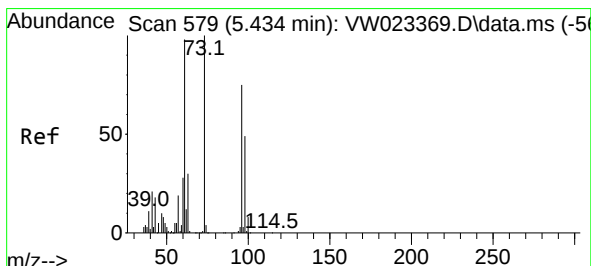
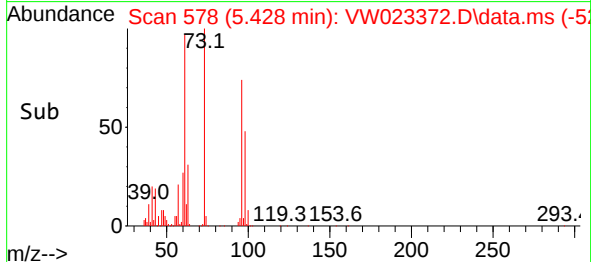
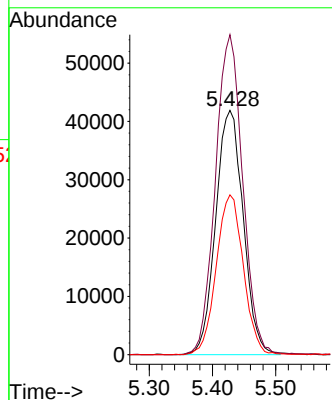
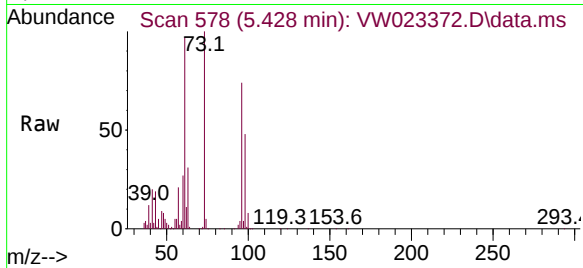




#17
trans-1,2-Dichloroethene
Concen: 23.532 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

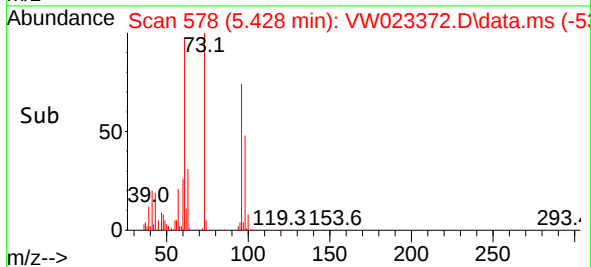
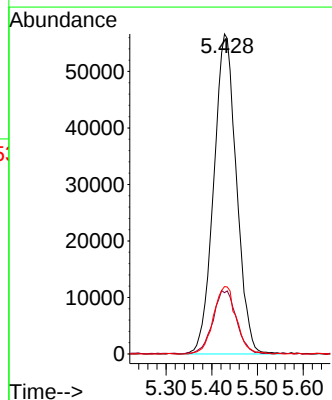
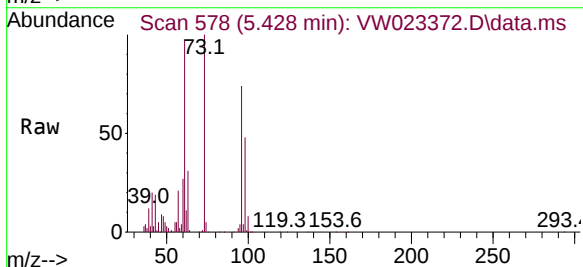
Instrument :
MSVOA_W
ClientSampleId :
VICV412

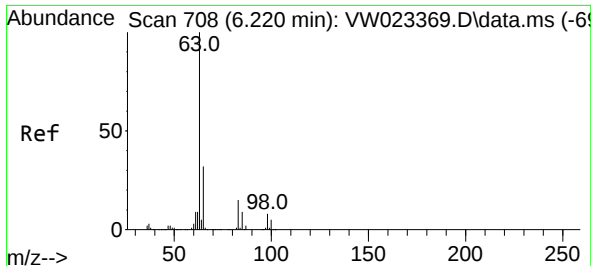
Tgt Ion: 96 Resp: 126737
Ion Ratio Lower Upper
96 100
61 131.0 91.6 170.0
98 65.5 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 24.673 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion: 73 Resp: 195619
Ion Ratio Lower Upper
73 100
43 20.2 16.6 25.0
57 21.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 23.144 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

Instrument :

MSVOA_W

ClientSampleId :

VICV412

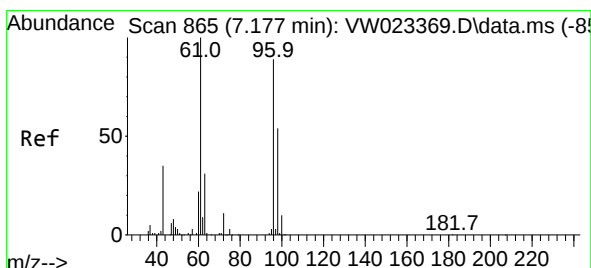
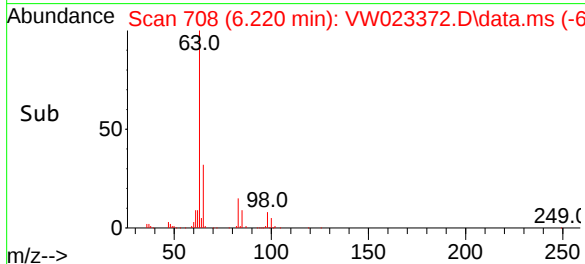
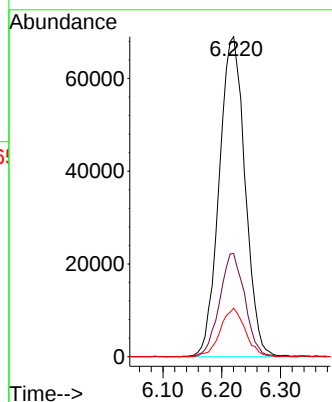
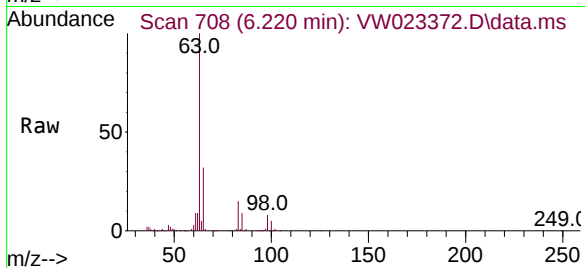
Tgt Ion: 63 Resp: 211141

Ion Ratio Lower Upper

63 100

65 32.3 22.7 42.1

83 15.2 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 23.598 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.012 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

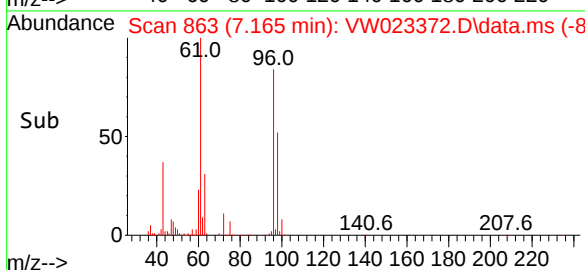
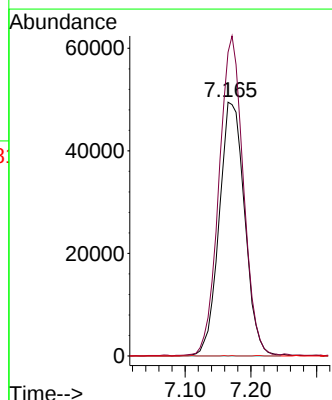
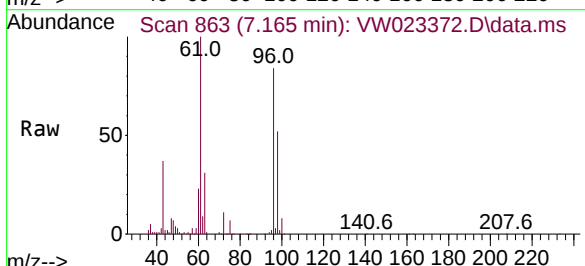
Tgt Ion: 96 Resp: 133461

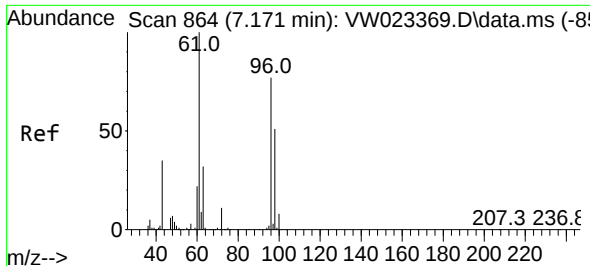
Ion Ratio Lower Upper

96 100

61 119.7 78.6 146.0

68 0.0 0.0 0.0

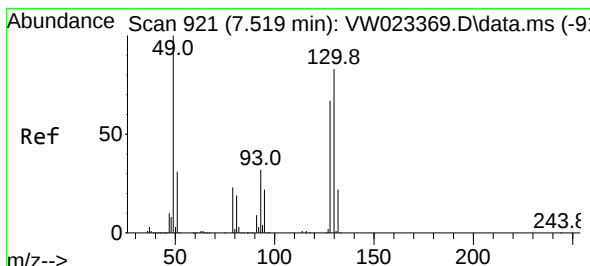
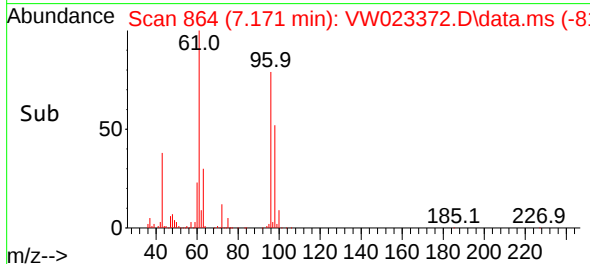
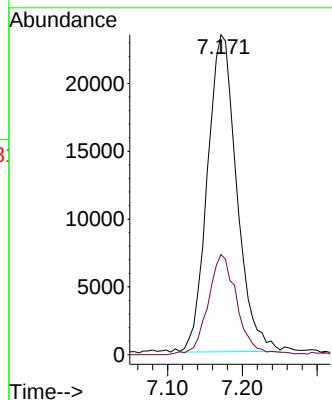
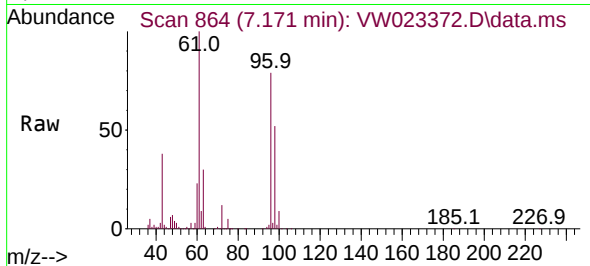




#22
2-Butanone
Concen: 47.171 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

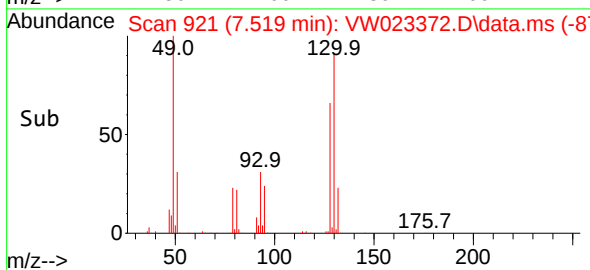
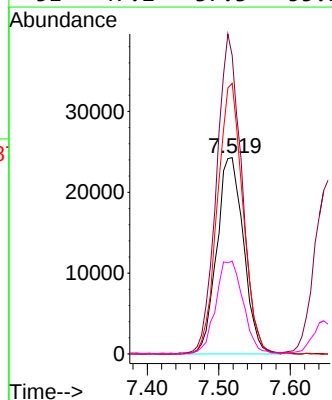
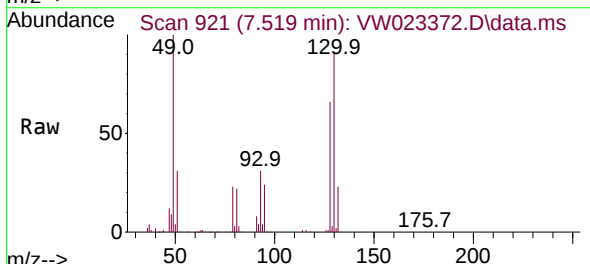
Instrument :
MSVOA_W
ClientSampleId :
VICV412

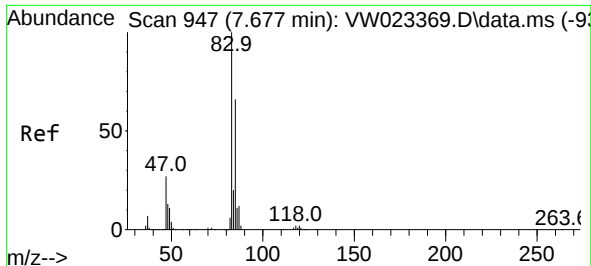
Tgt Ion: 43 Resp: 63922
Ion Ratio Lower Upper
43 100
72 30.2 15.7 47.0



#23
Bromochloromethane
Concen: 23.488 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion: 128 Resp: 63032
Ion Ratio Lower Upper
128 100
49 151.9 105.1 195.3
130 137.9 86.9 161.5
51 47.2 37.3 55.9





#25

Chloroform

Concen: 23.454 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

Instrument :

MSVOA_W

ClientSampleId :

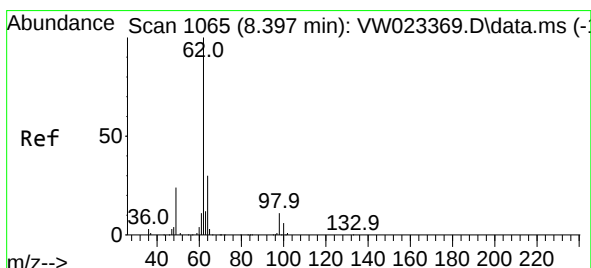
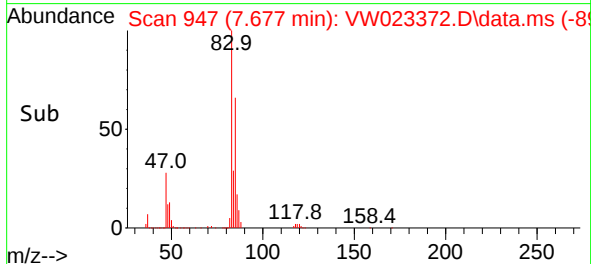
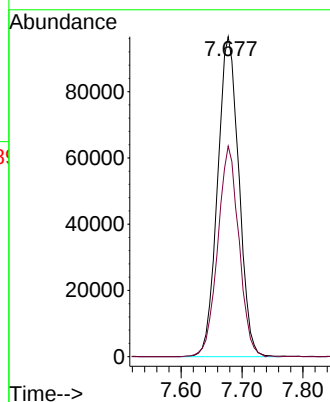
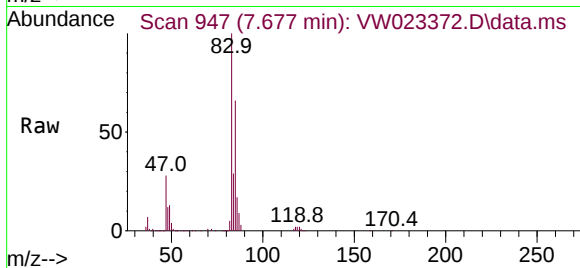
VICV412

Tgt Ion: 83 Resp: 234186

Ion Ratio Lower Upper

83 100

85 65.8 46.7 86.7



#27

1,2-Dichloroethane

Concen: 24.187 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW023372.D

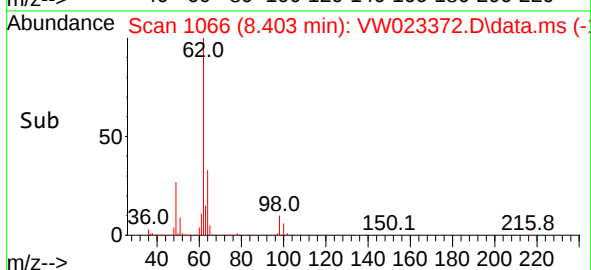
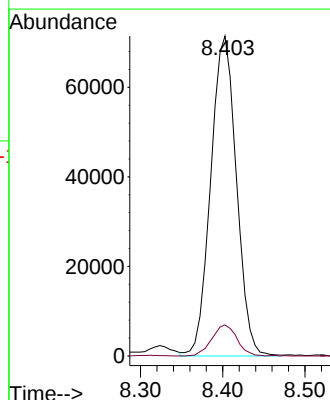
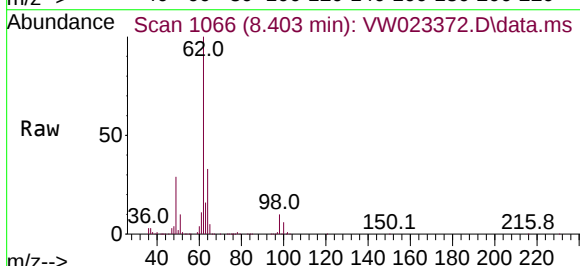
Acq: 02 Jun 2022 13:41

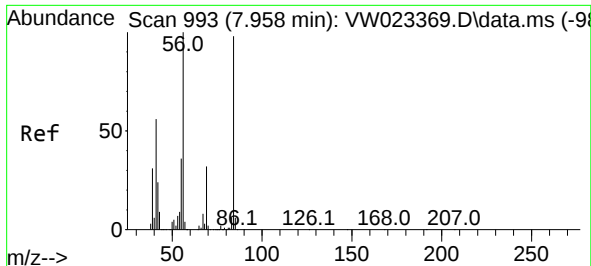
Tgt Ion: 62 Resp: 155491

Ion Ratio Lower Upper

62 100

98 9.7 8.5 12.7





#29

Cyclohexane

Concen: 24.659 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

Instrument :

MSVOA_W

ClientSampleId :

VICV412

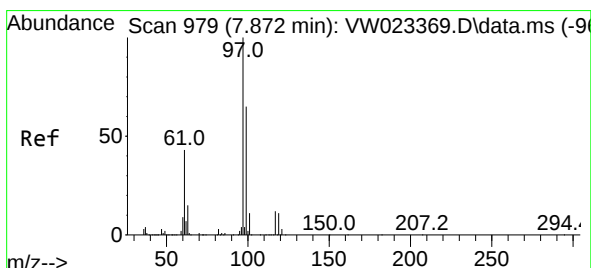
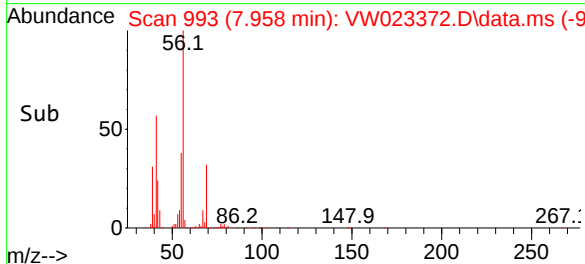
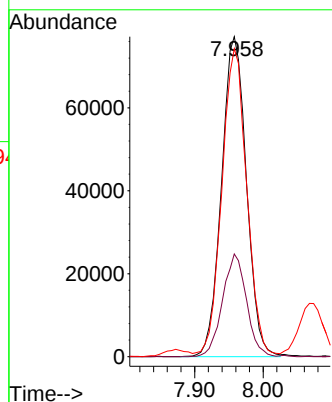
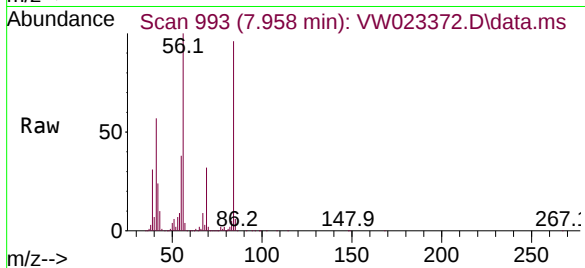
Tgt Ion: 56 Resp: 194459

Ion Ratio Lower Upper

56 100

69 30.9 25.2 37.8

84 96.7 78.3 117.5



#30

1,1,1-Trichloroethane

Concen: 24.159 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

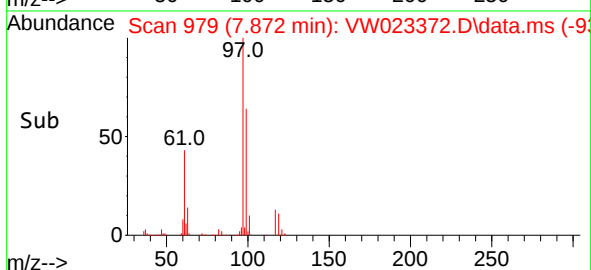
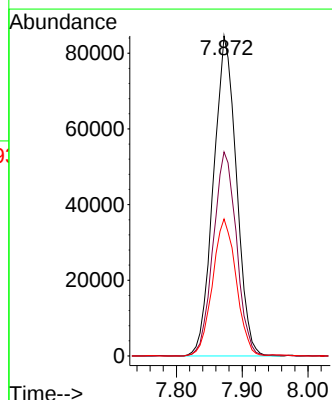
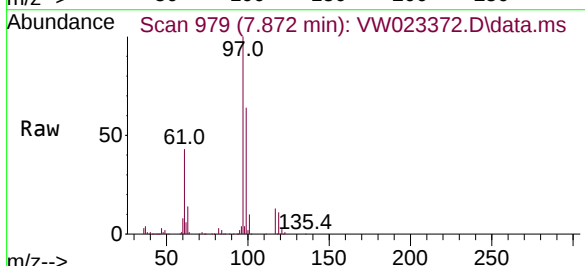
Tgt Ion: 97 Resp: 205803

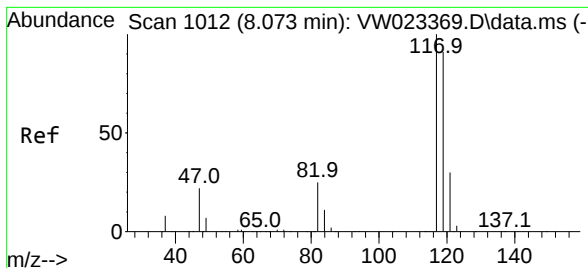
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 44.0 34.7 52.1

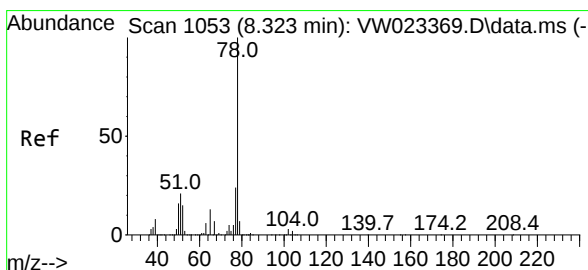
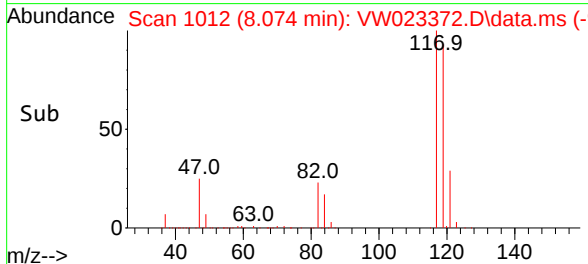
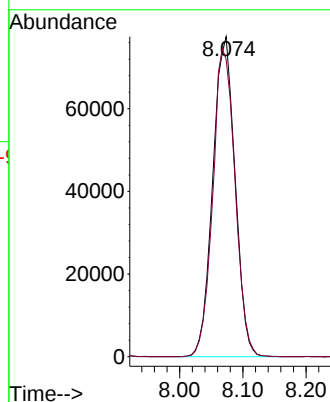
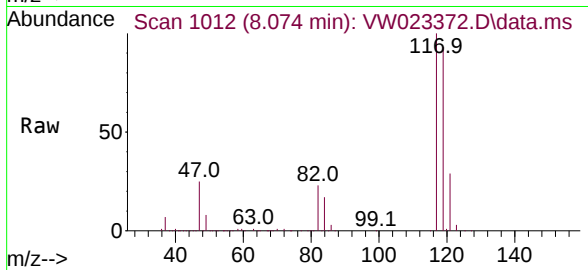




#31
Carbon tetrachloride
Concen: 23.575 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

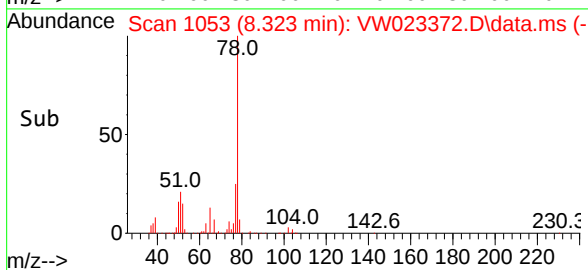
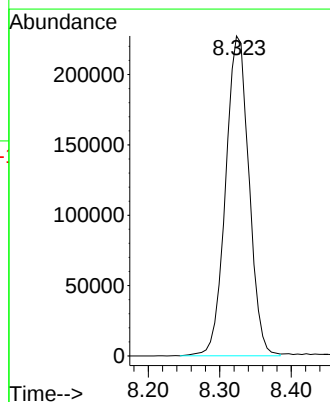
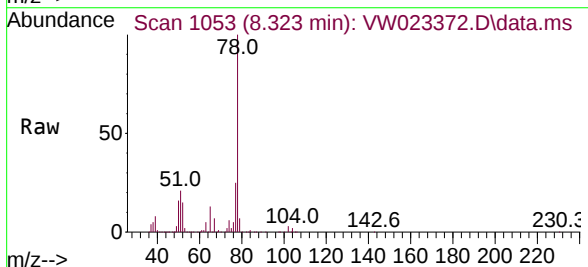
Instrument :
MSVOA_W
ClientSampleId :
VICV412

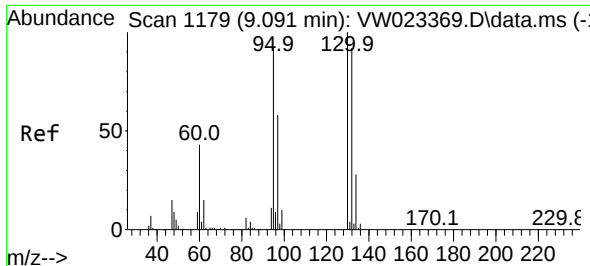
Tgt Ion:117 Resp: 188882
Ion Ratio Lower Upper
117 100
119 96.5 75.6 113.4



#33
Benzene
Concen: 24.462 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion: 78 Resp: 515802



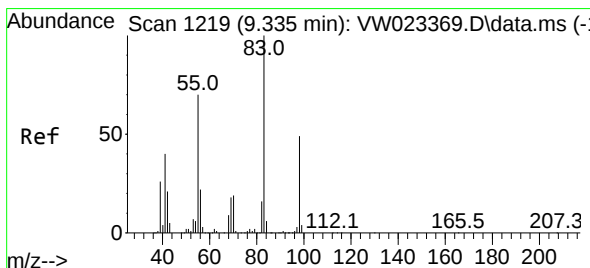
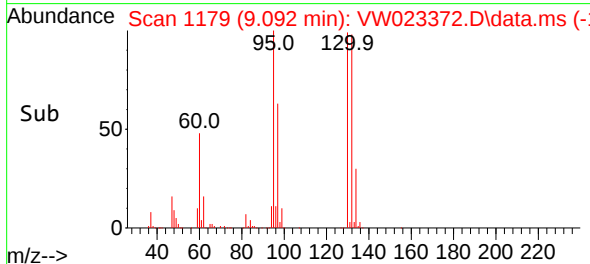
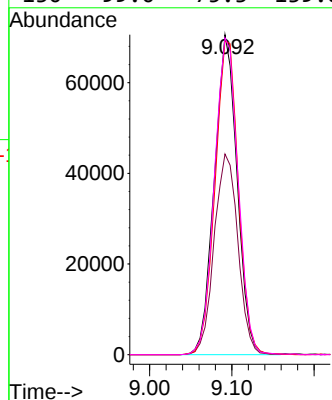
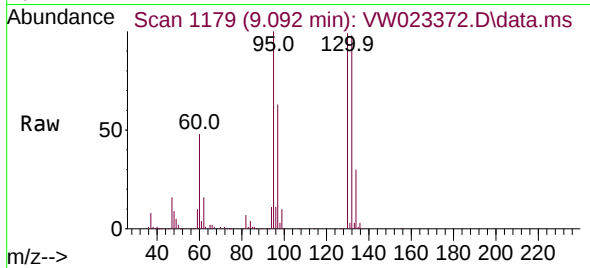


#34
Trichloroethene
Concen: 23.758 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Instrument :
MSVOA_W
ClientSampleId :
VICV412

Tgt Ion: 95 Resp: 135677

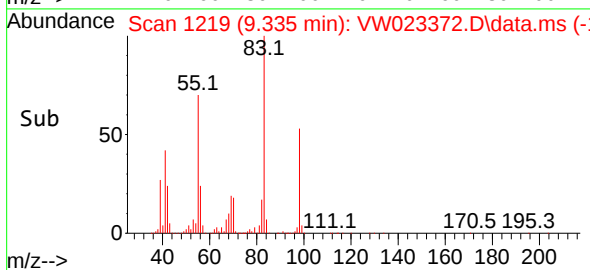
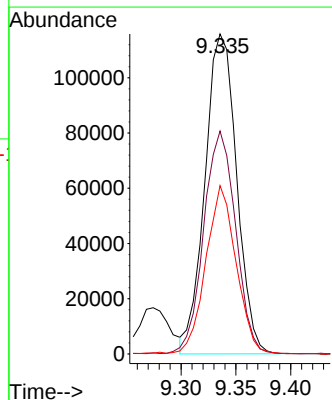
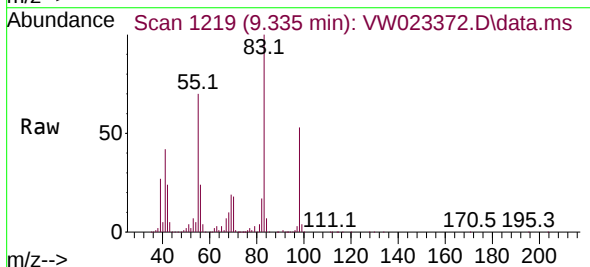
Ion	Ratio	Lower	Upper
95	100		
97	62.7	43.8	81.3
132	98.1	68.9	127.9
130	99.0	75.3	139.8

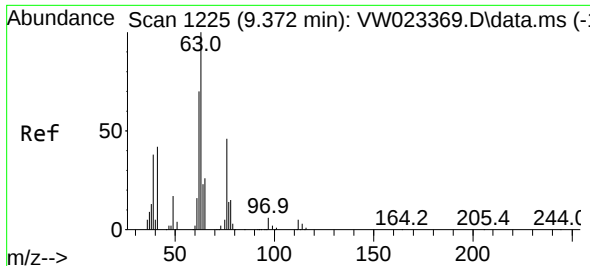


#35
Methylcyclohexane
Concen: 24.682 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion: 83 Resp: 233506

Ion	Ratio	Lower	Upper
83	100		
55	70.2	56.5	84.7
98	50.2	39.7	59.5





#37

1,2-Dichloropropane

Concen: 24.278 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

Instrument :

MSVOA_W

ClientSampleId :

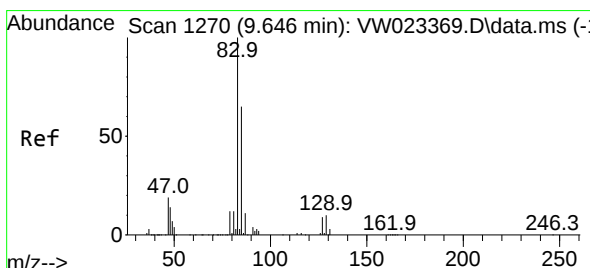
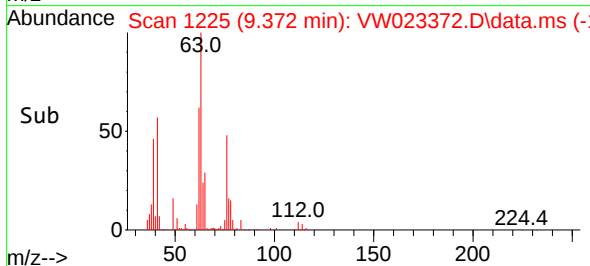
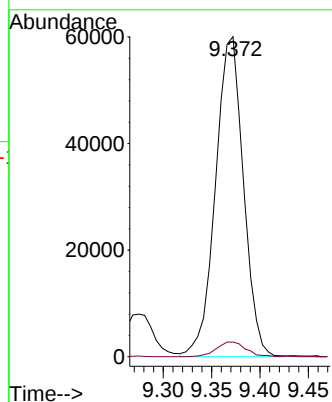
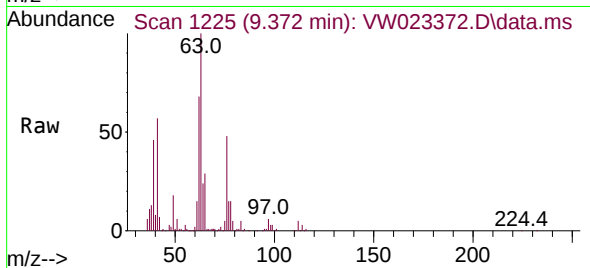
VICV412

Tgt Ion: 63 Resp: 120602

Ion Ratio Lower Upper

63 100

112 4.8 4.0 6.0



#38

Bromodichloromethane

Concen: 24.314 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

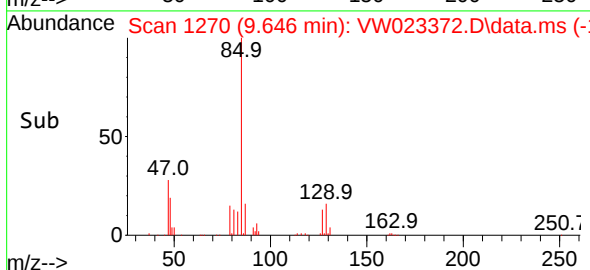
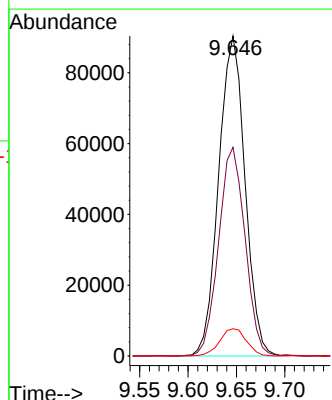
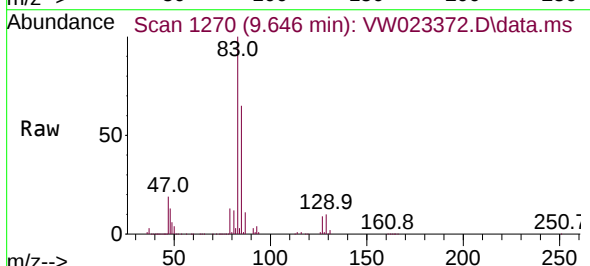
Tgt Ion: 83 Resp: 170969

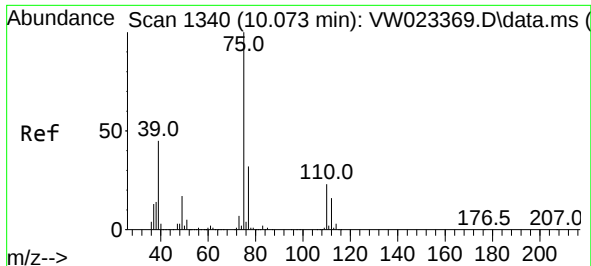
Ion Ratio Lower Upper

83 100

85 65.2 45.8 85.0

127 8.5 7.4 11.0

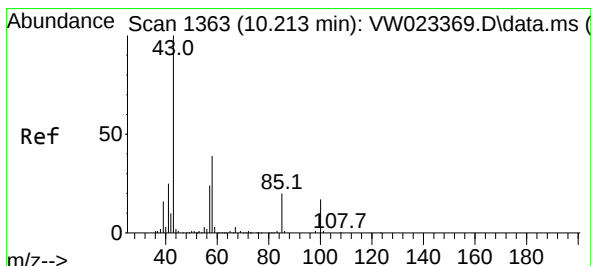
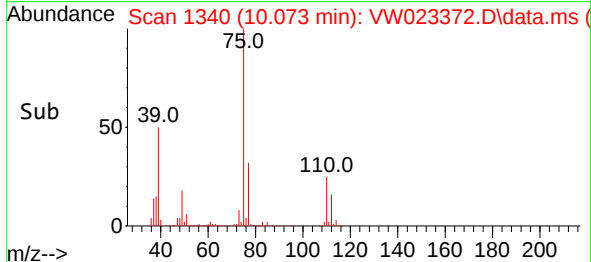
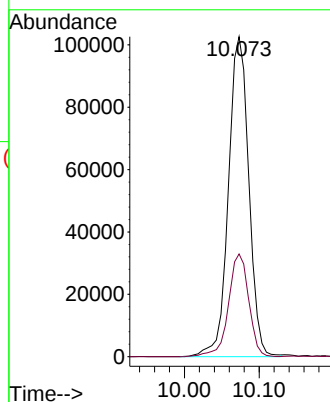
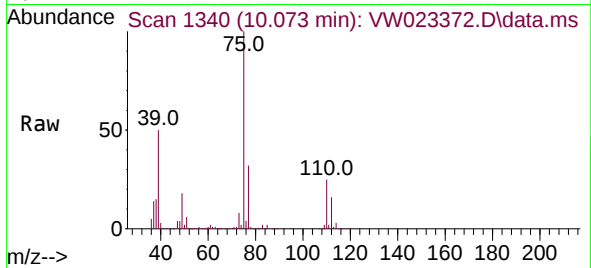




#39
 cis-1,3-Dichloropropene
 Concen: 24.913 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW023372.D
 Acq: 02 Jun 2022 13:41

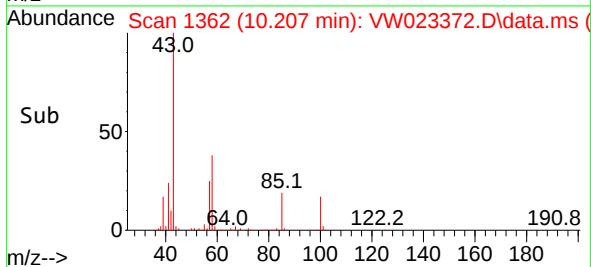
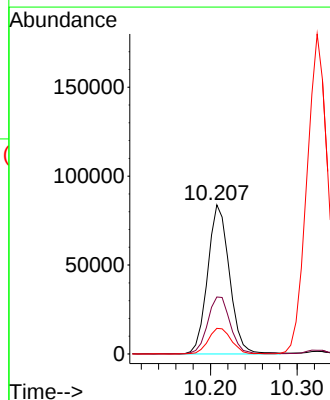
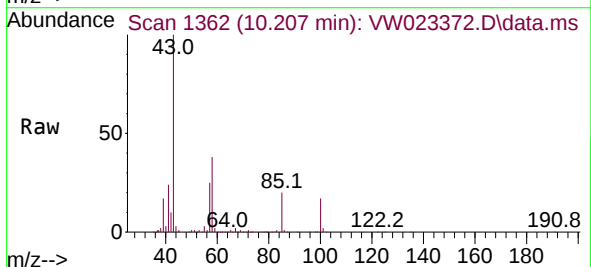
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV412

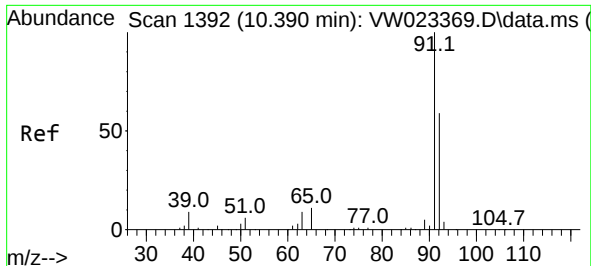
Tgt Ion: 75 Resp: 194389
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 52.053 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.006 min
 Lab File: VW023372.D
 Acq: 02 Jun 2022 13:41

Tgt Ion: 43 Resp: 146544
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.5 47.3
 100 18.2 13.7 20.5

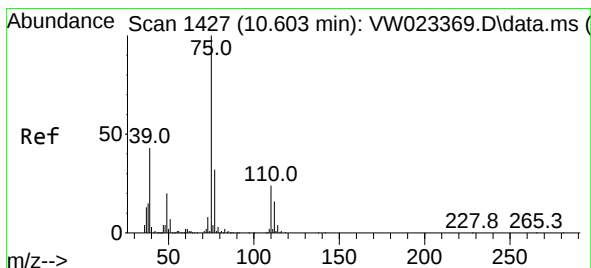
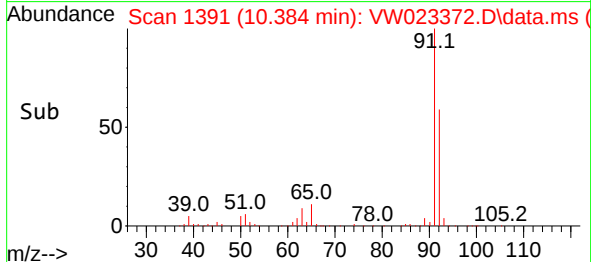
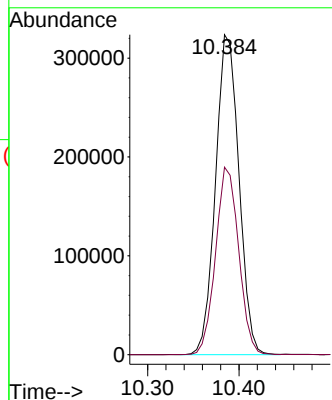
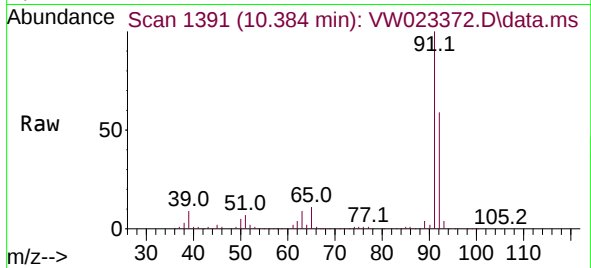




#42
Toluene
Concen: 24.620 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

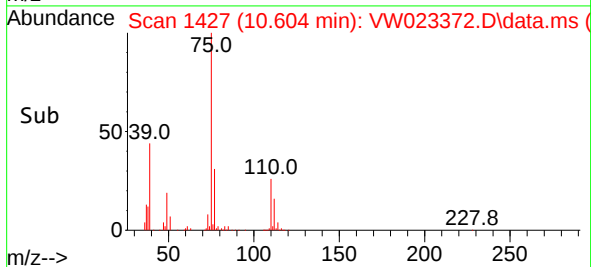
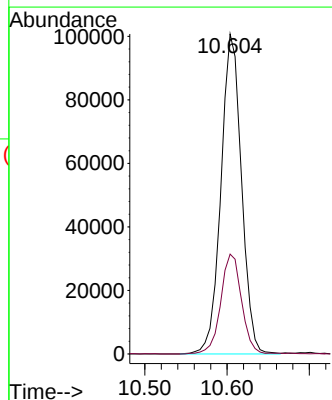
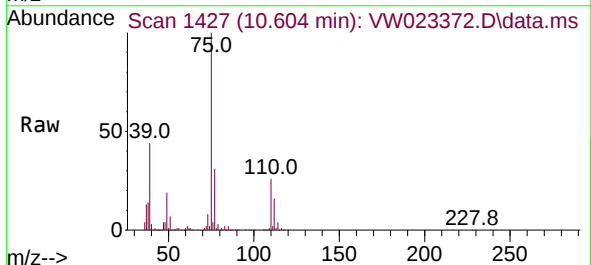
Instrument :
MSVOA_W
ClientSampleId :
VICV412

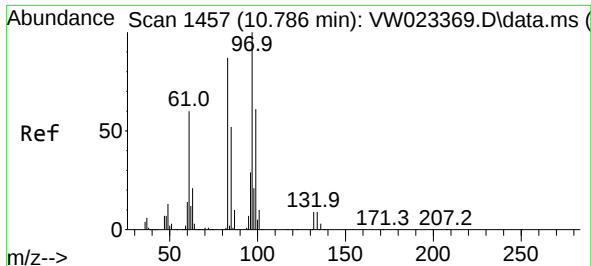
Tgt Ion: 91 Resp: 576721
Ion Ratio Lower Upper
91 100
92 58.6 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 25.036 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion: 75 Resp: 174800
Ion Ratio Lower Upper
75 100
77 31.2 22.2 41.2



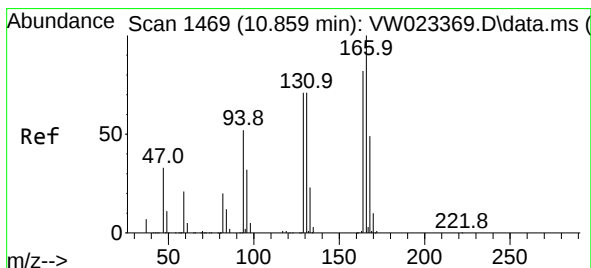
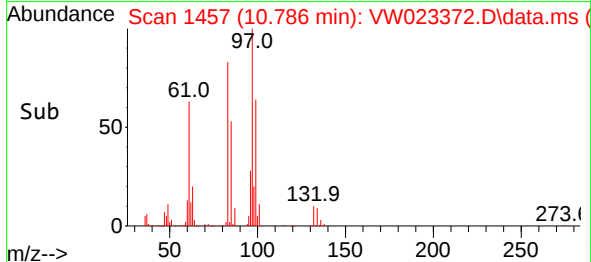
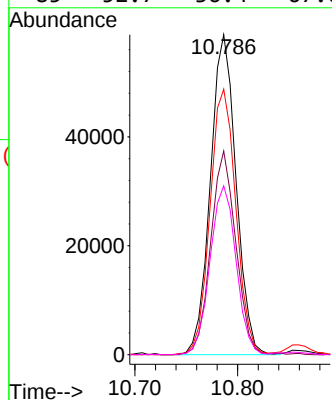
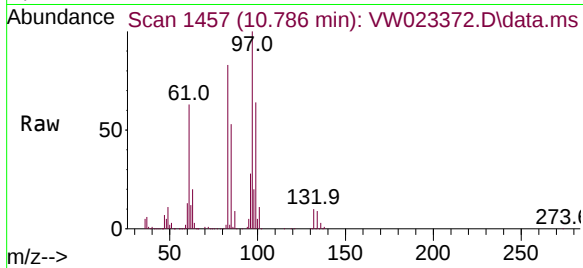


#45
1,1,2-Trichloroethane
Concen: 25.090 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Instrument :
MSVOA_W
ClientSampleId :
VICV412

Tgt Ion: 97 Resp: 102043

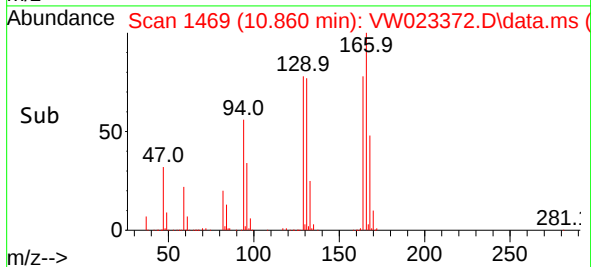
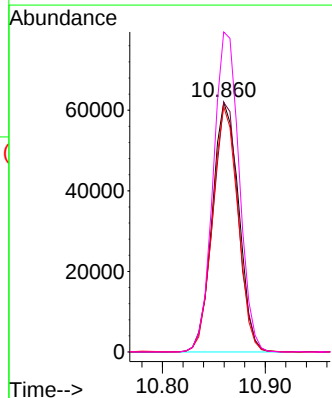
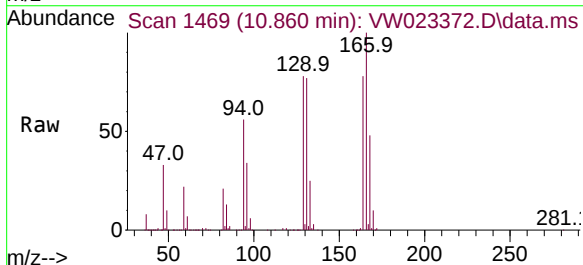
Ion	Ratio	Lower	Upper
97	100		
99	63.7	42.6	79.0
83	83.0	61.2	113.8
85	52.7	36.4	67.6

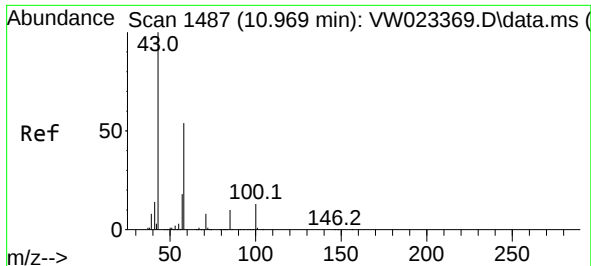


#46
Tetrachloroethene
Concen: 24.194 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion:164 Resp: 110633

Ion	Ratio	Lower	Upper
164	100		
129	99.9	61.4	114.0
131	98.2	61.0	113.4
166	128.1	85.9	159.5

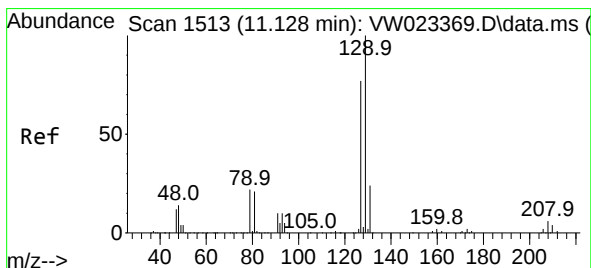
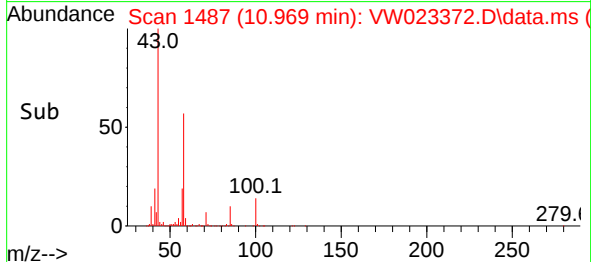
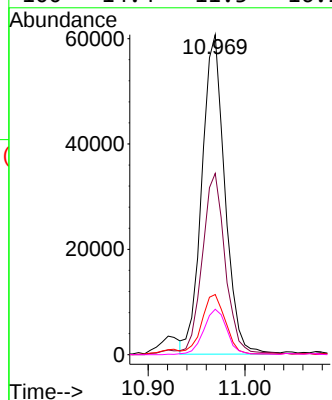
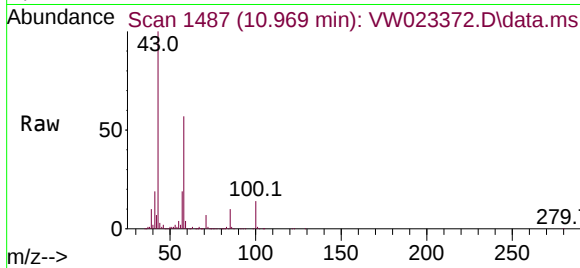




#48
2-Hexanone
Concen: 53.336 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

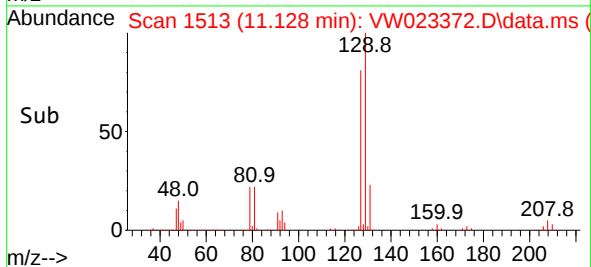
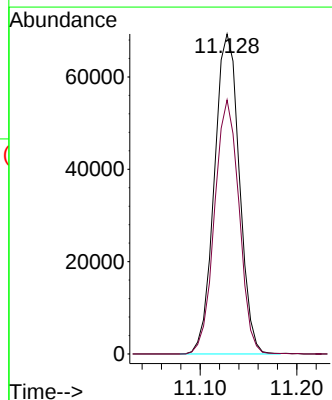
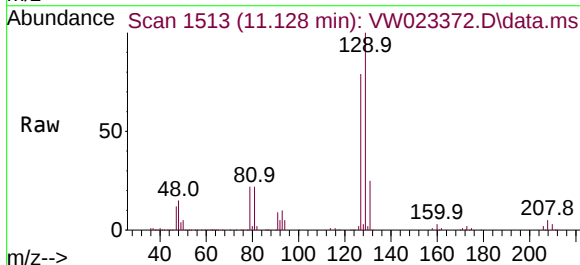
Instrument :
MSVOA_W
ClientSampleId :
VICV412

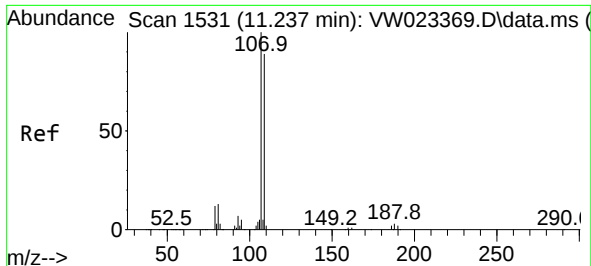
Tgt Ion: 43	Resp: 100361
Ion Ratio	Lower Upper
43 100	
58 57.1	44.4 66.6
57 19.2	15.6 23.4
100 14.4	11.3 16.9



#49
Dibromochloromethane
Concen: 24.853 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt	Ion:129	Resp:	124039
Ion	Ratio	Lower	Upper
129	100		
127	79.4	54.2	100.6





#50

1,2-Dibromoethane

Concen: 25.641 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

Instrument :

MSVOA_W

ClientSampleId :

VICV412

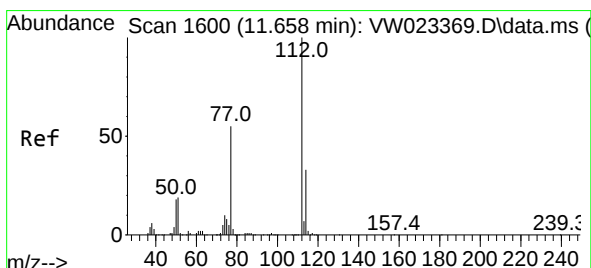
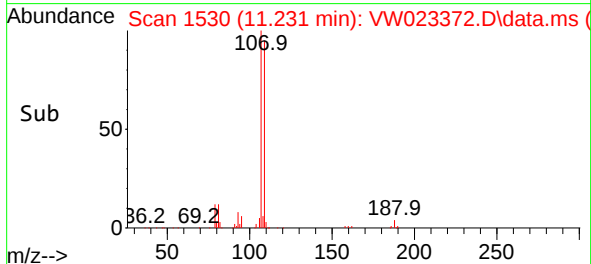
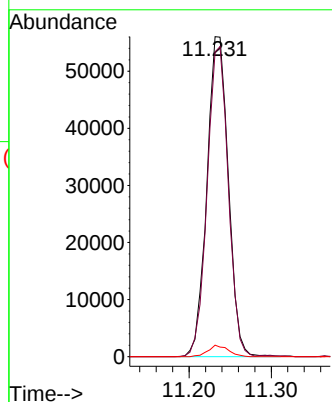
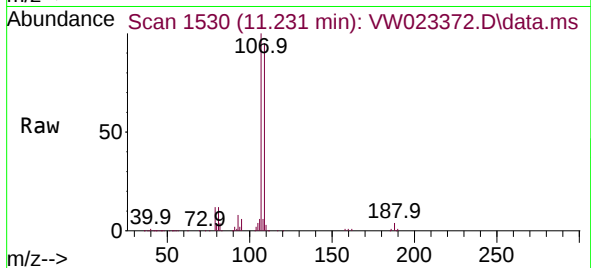
Tgt Ion:107 Resp: 101661

Ion Ratio Lower Upper

107 100

109 95.2 62.4 116.0

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 24.209 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

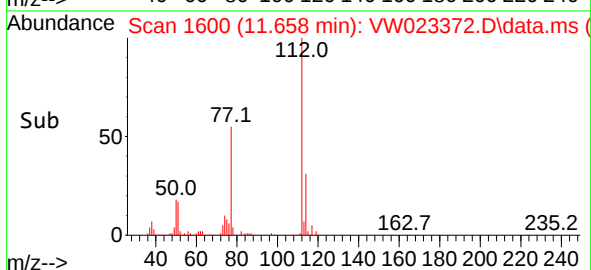
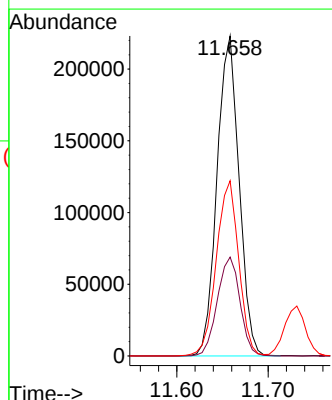
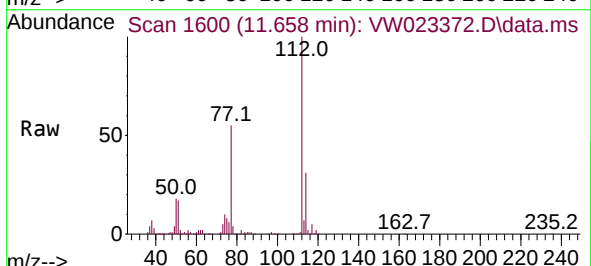
Tgt Ion:112 Resp: 374440

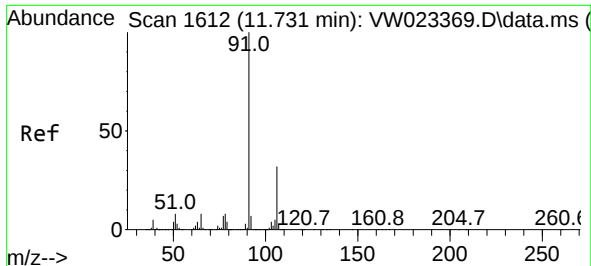
Ion Ratio Lower Upper

112 100

114 30.9 23.2 43.2

77 54.8 43.8 65.6

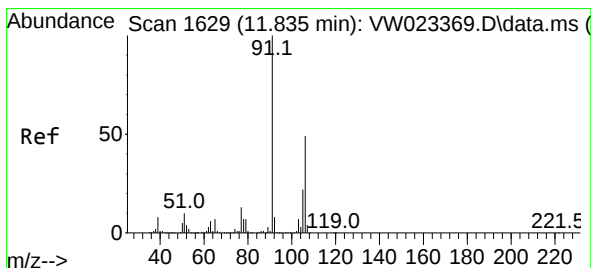
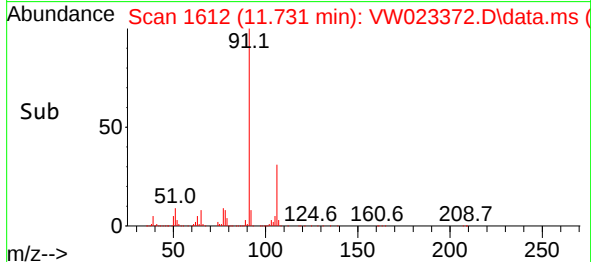
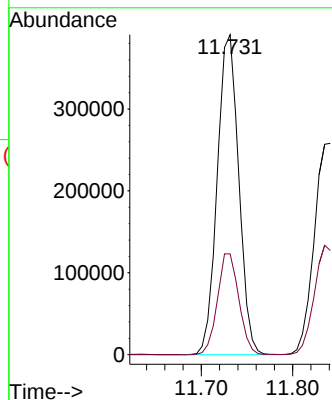
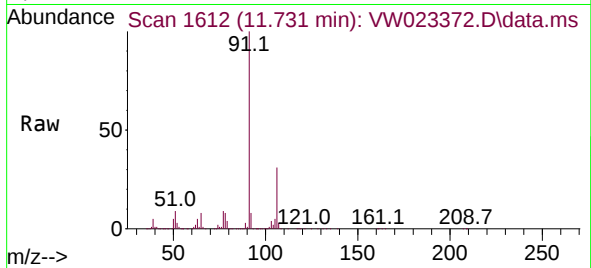




#52
Ethylbenzene
Concen: 24.830 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

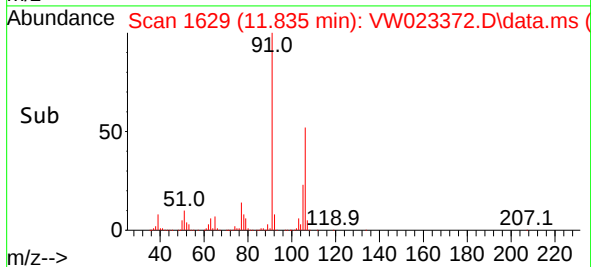
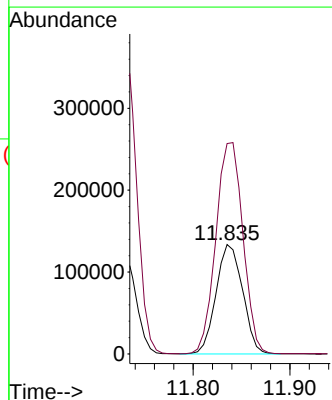
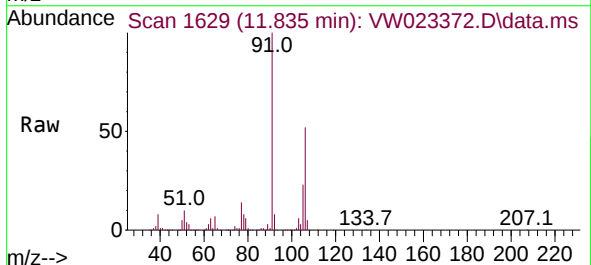
Instrument :
MSVOA_W
ClientSampleId :
VICV412

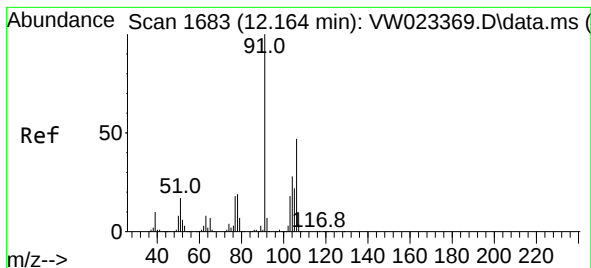
Tgt Ion: 91 Resp: 638718
Ion Ratio Lower Upper
91 100
106 31.5 22.4 41.6



#53
m,p-Xylene
Concen: 24.984 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion:106 Resp: 254499
Ion Ratio Lower Upper
106 100
91 192.2 141.7 263.1

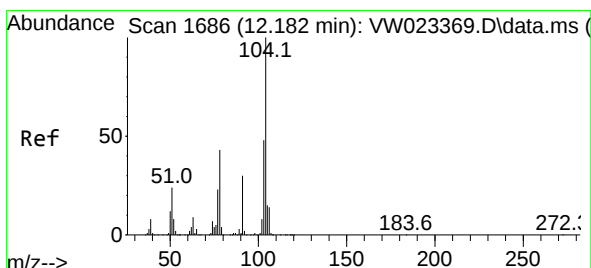
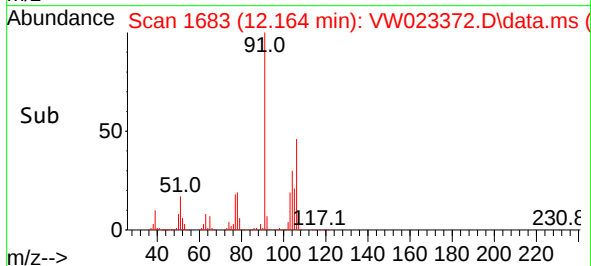
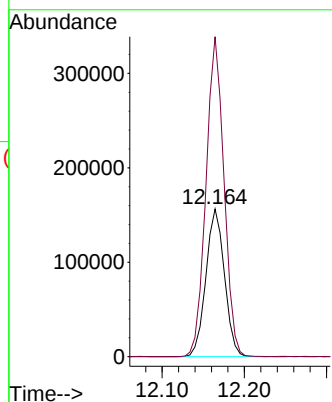
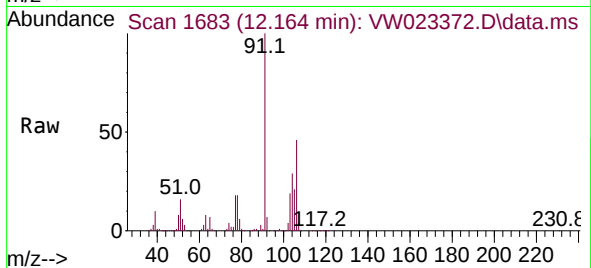




#54
o-Xylene
Concen: 25.160 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

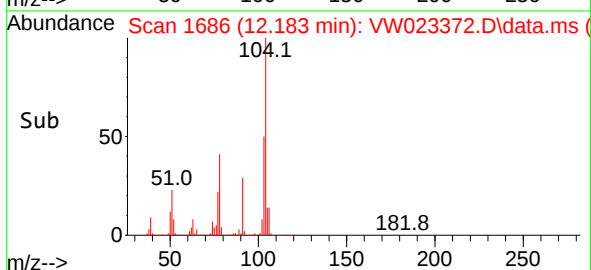
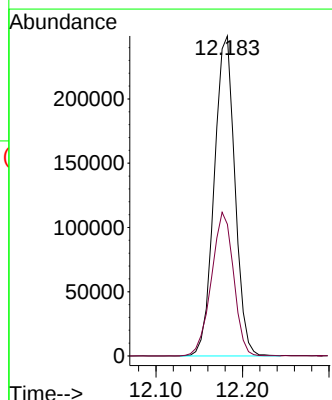
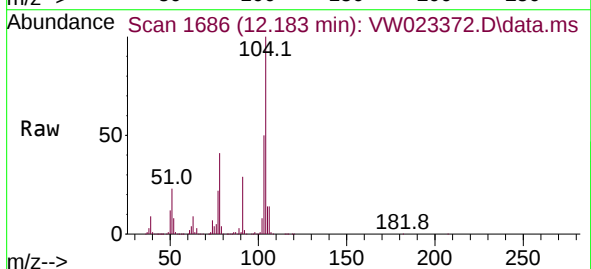
Instrument :
MSVOA_W
ClientSampleId :
VICV412

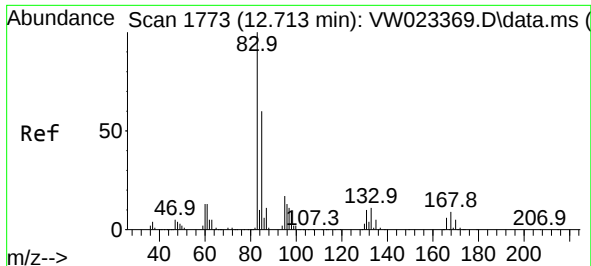
Tgt Ion:106 Resp: 245203
Ion Ratio Lower Upper
106 100
91 216.7 148.0 274.8



#55
Styrene
Concen: 24.875 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion:104 Resp: 413161
Ion Ratio Lower Upper
104 100
78 41.1 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 26.196 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

Instrument :

MSVOA_W

ClientSampleId :

VICV412

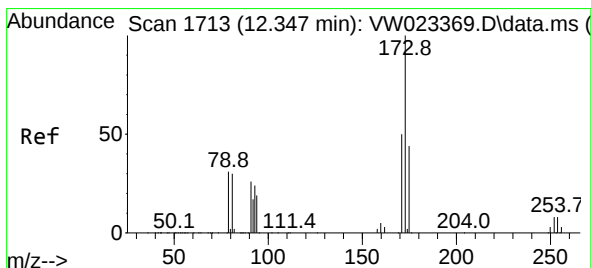
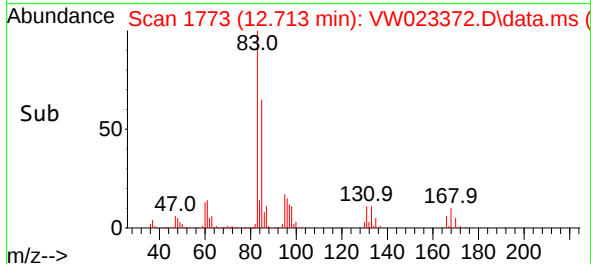
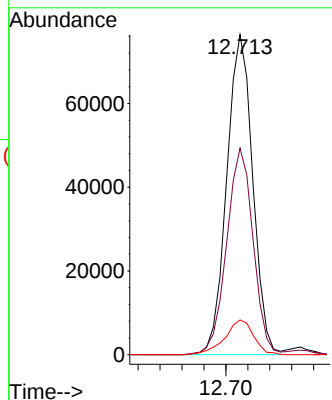
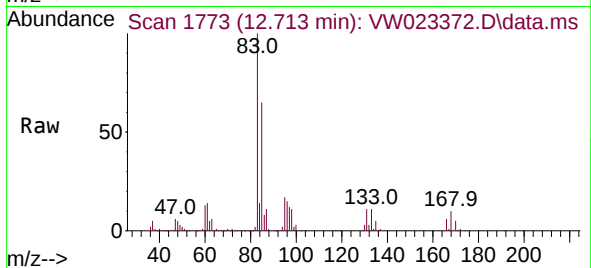
Tgt Ion: 83 Resp: 125837

Ion Ratio Lower Upper

83 100

85 64.5 42.4 78.8

131 10.9 7.8 11.6



#59

Bromoform

Concen: 24.435 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

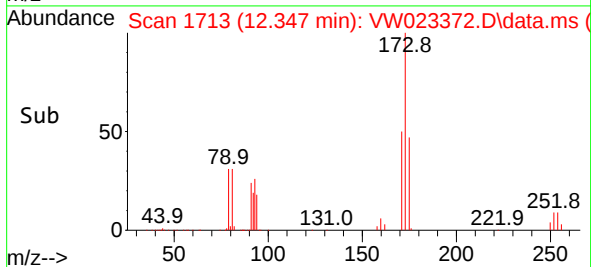
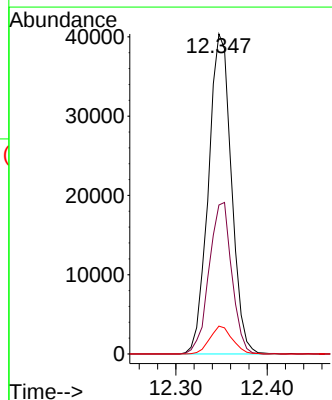
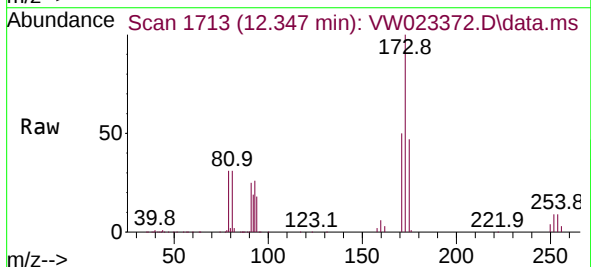
Tgt Ion:173 Resp: 70401

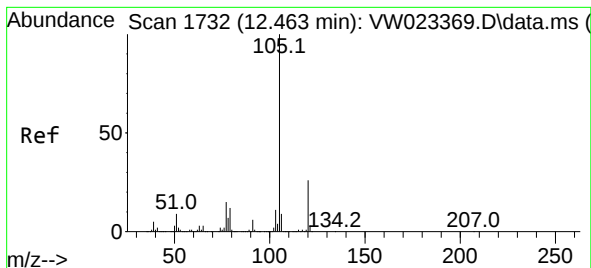
Ion Ratio Lower Upper

173 100

175 46.7 37.9 56.9

254 8.6 7.1 10.7

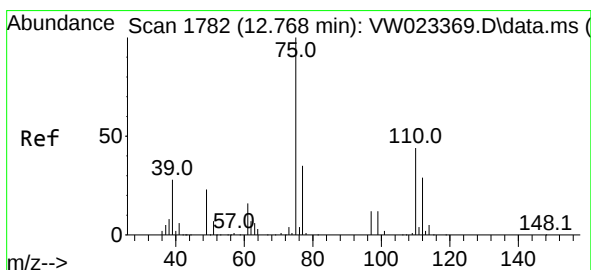
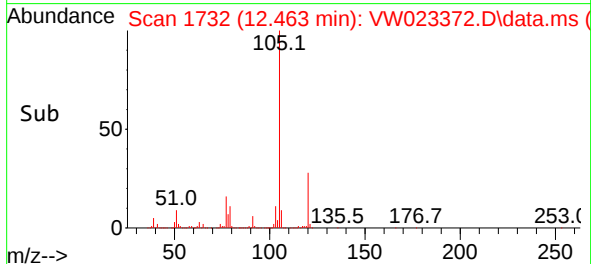
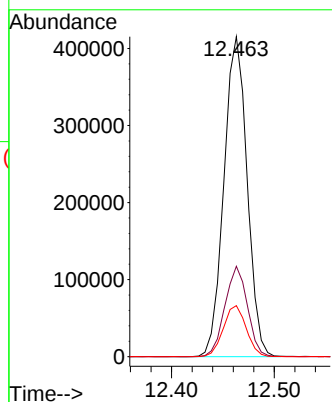
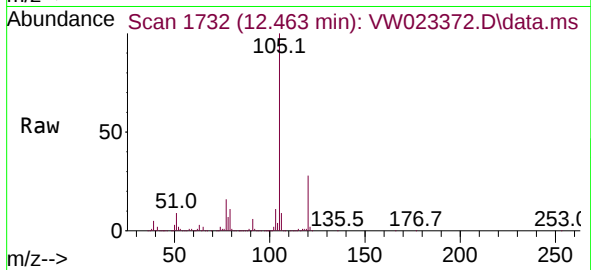




#60
Isopropylbenzene
Concen: 24.174 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

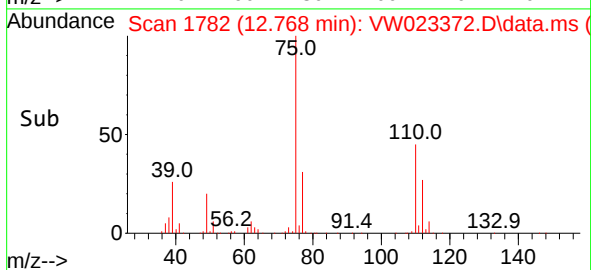
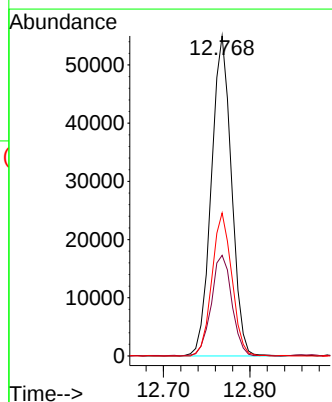
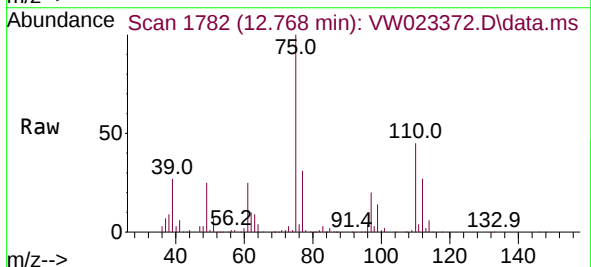
Instrument :
MSVOA_W
ClientSampleId :
VICV412

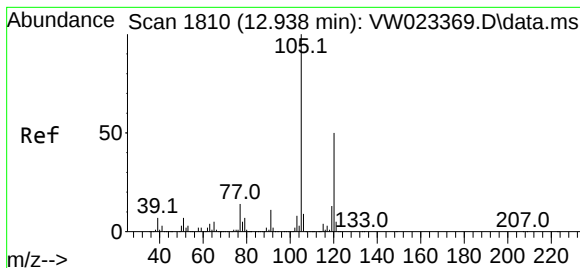
Tgt Ion:105 Resp: 650698
Ion Ratio Lower Upper
105 100
120 27.4 21.4 32.0
77 15.8 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 25.160 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion: 75 Resp: 88760
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 44.1 34.7 52.1

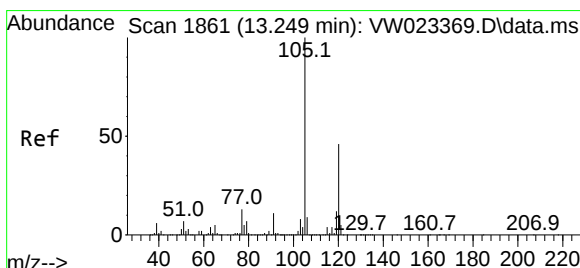
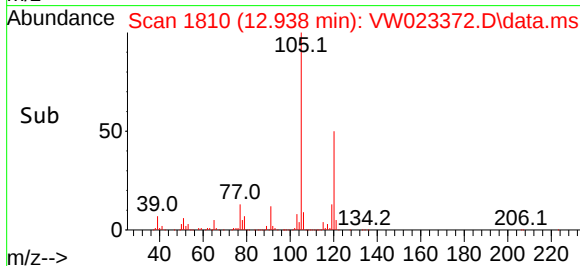
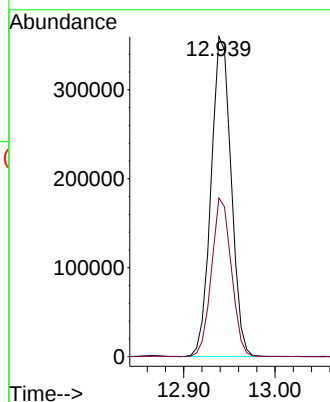
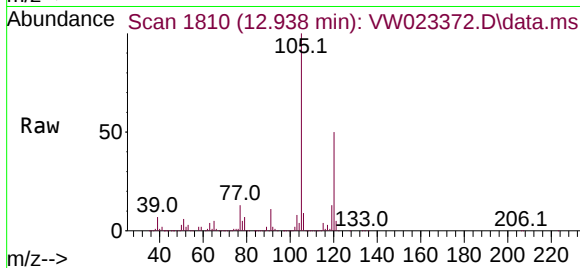




#62
1,3,5-Trimethylbenzene
Concen: 24.866 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

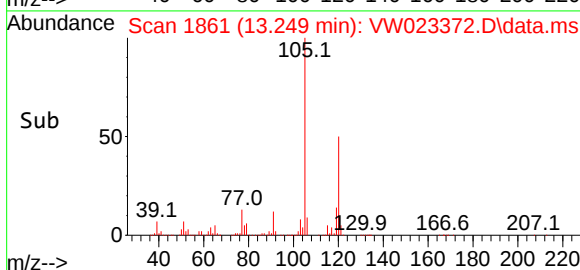
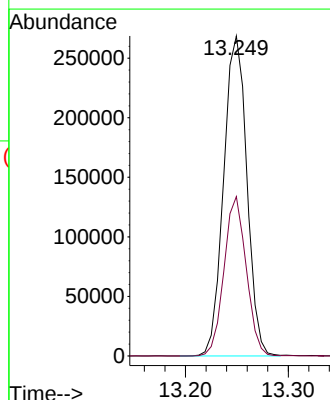
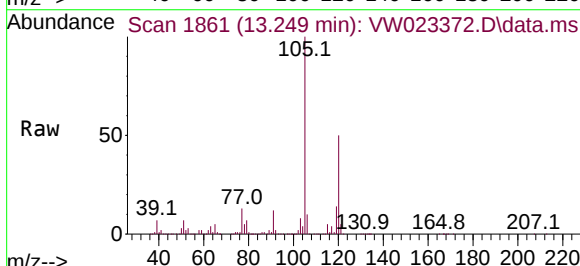
Instrument :
MSVOA_W
ClientSampleId :
VICV412

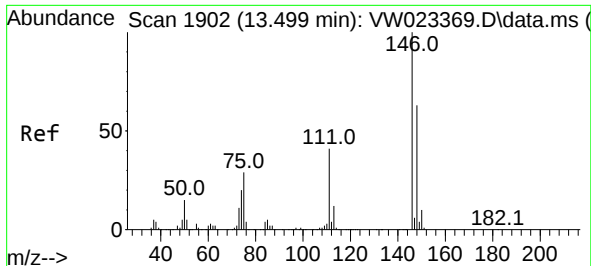
Tgt Ion:105 Resp: 548401
Ion Ratio Lower Upper
105 100
120 49.0 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 24.580 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion:105 Resp: 420856
Ion Ratio Lower Upper
105 100
120 47.6 37.2 55.8

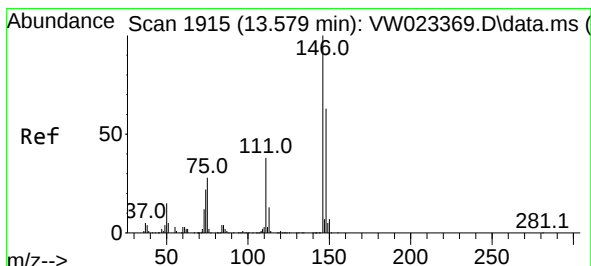
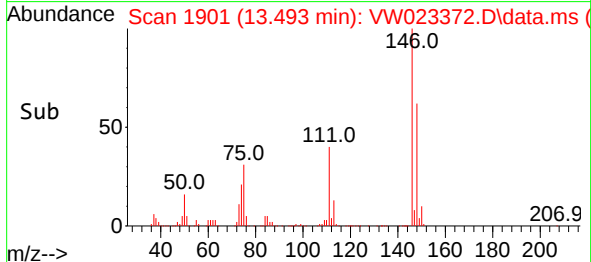
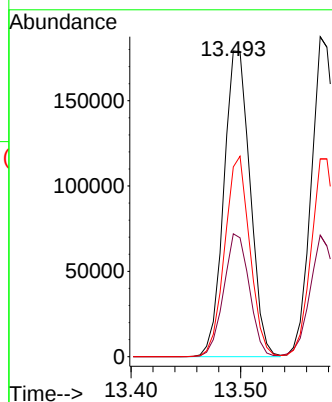
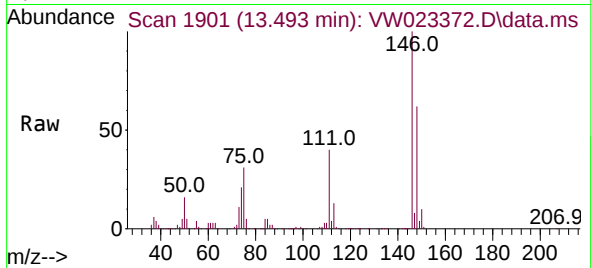




#64
1,3-Dichlorobenzene
Concen: 24.374 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

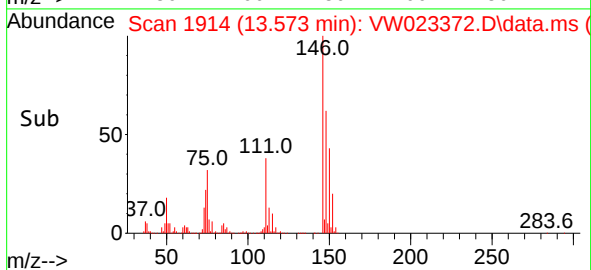
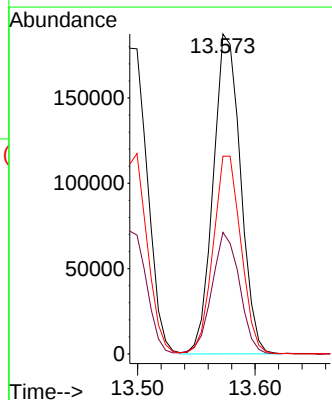
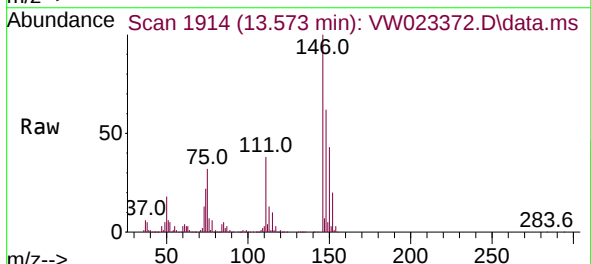
Instrument :
MSVOA_W
ClientSampleId :
VICV412

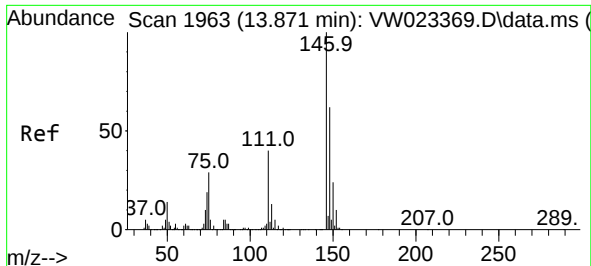
Tgt Ion:146 Resp: 298268
Ion Ratio Lower Upper
146 100
111 40.2 28.7 53.3
148 62.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 24.256 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion:146 Resp: 303433
Ion Ratio Lower Upper
146 100
111 38.0 26.9 49.9
148 61.8 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 24.438 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

Instrument :

MSVOA_W

ClientSampleId :

VICV412

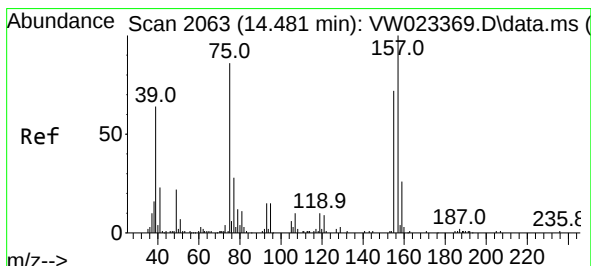
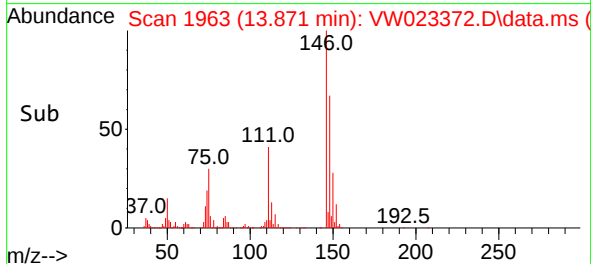
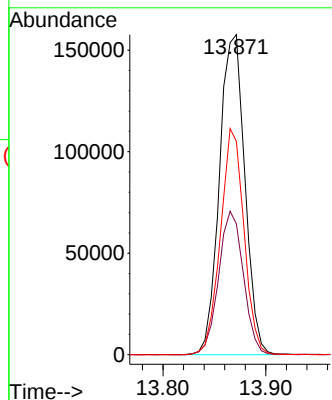
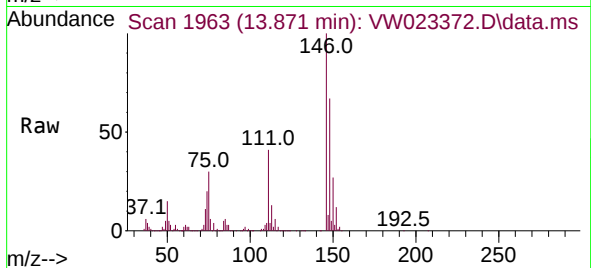
Tgt Ion:146 Resp: 270315

Ion Ratio Lower Upper

146 100

111 40.9 31.7 47.5

148 66.7 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.169 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

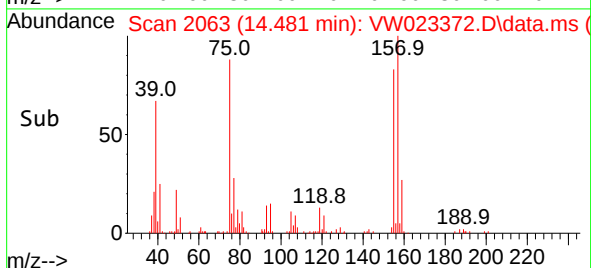
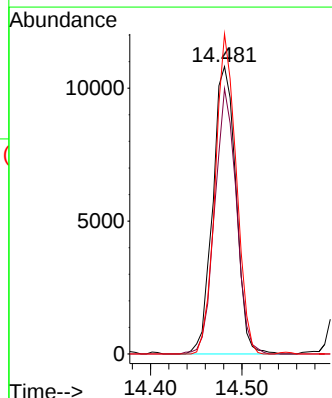
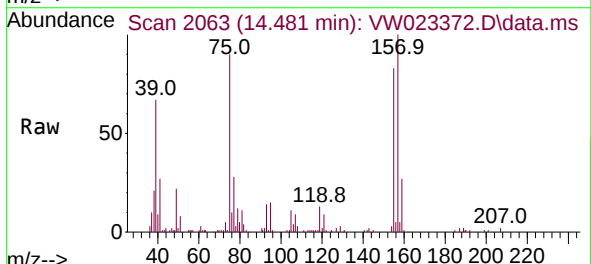
Tgt Ion: 75 Resp: 18992

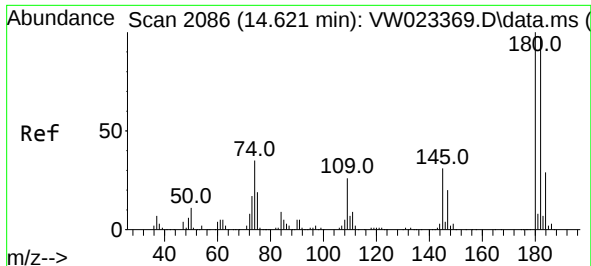
Ion Ratio Lower Upper

75 100

155 92.3 66.7 100.1

157 111.3 92.6 139.0





#69

1,3,5-Trichlorobenzene

Concen: 24.765 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

Instrument :

MSVOA_W

ClientSampleId :

VICV412

Tgt Ion:180 Resp: 200143

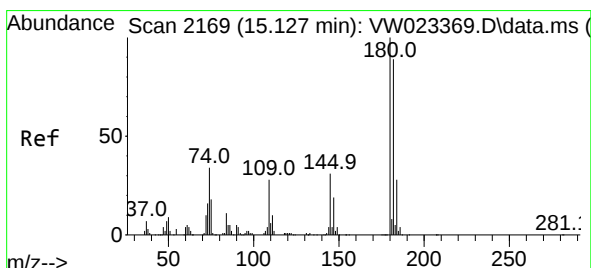
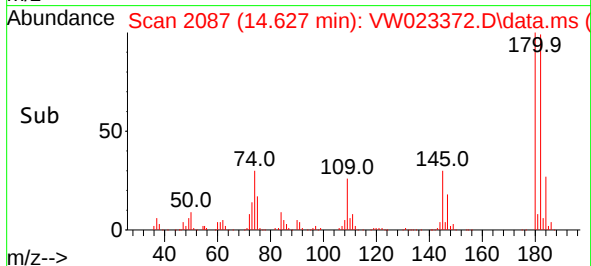
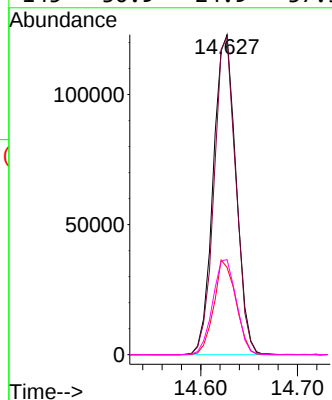
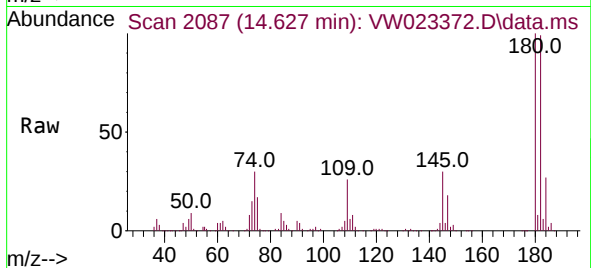
Ion Ratio Lower Upper

180 100

182 95.1 76.6 115.0

184 28.7 23.4 35.2

145 30.9 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 25.411 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023372.D

Acq: 02 Jun 2022 13:41

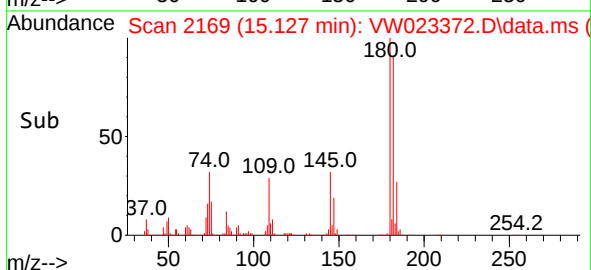
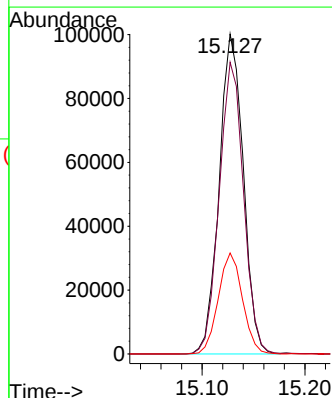
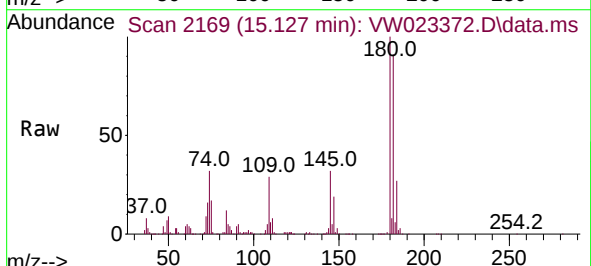
Tgt Ion:180 Resp: 163167

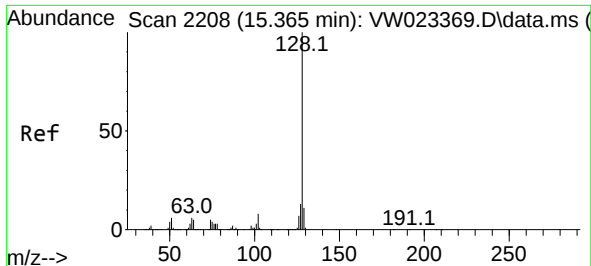
Ion Ratio Lower Upper

180 100

182 92.0 75.0 112.6

145 31.6 25.7 38.5

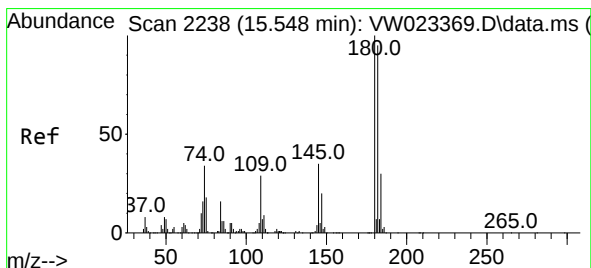
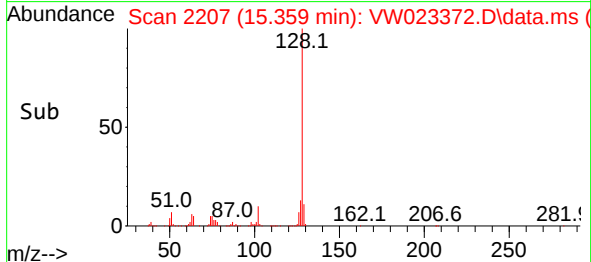
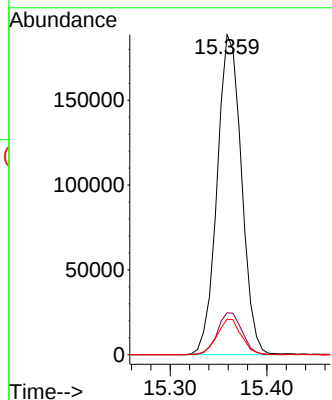
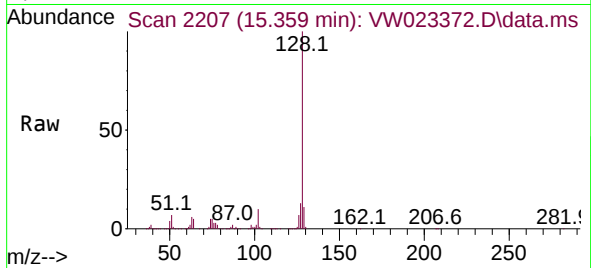




#71
Naphthalene
Concen: 27.320 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Instrument :
MSVOA_W
ClientSampleId :
VICV412

Tgt Ion:128 Resp: 330279
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 25.729 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW023372.D
Acq: 02 Jun 2022 13:41

Tgt Ion:180 Resp: 143001
Ion Ratio Lower Upper
180 100
182 95.5 74.6 112.0
145 33.7 28.0 42.0

