

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023375.D
 Acq On : 02 Jun 2022 15:28
 Operator : SY/VA
 Sample : N3171-02
 Misc : 6.15g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTY9

Quant Time: Jun 02 21:57:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:56:41 2022
 Response via : Initial Calibration

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

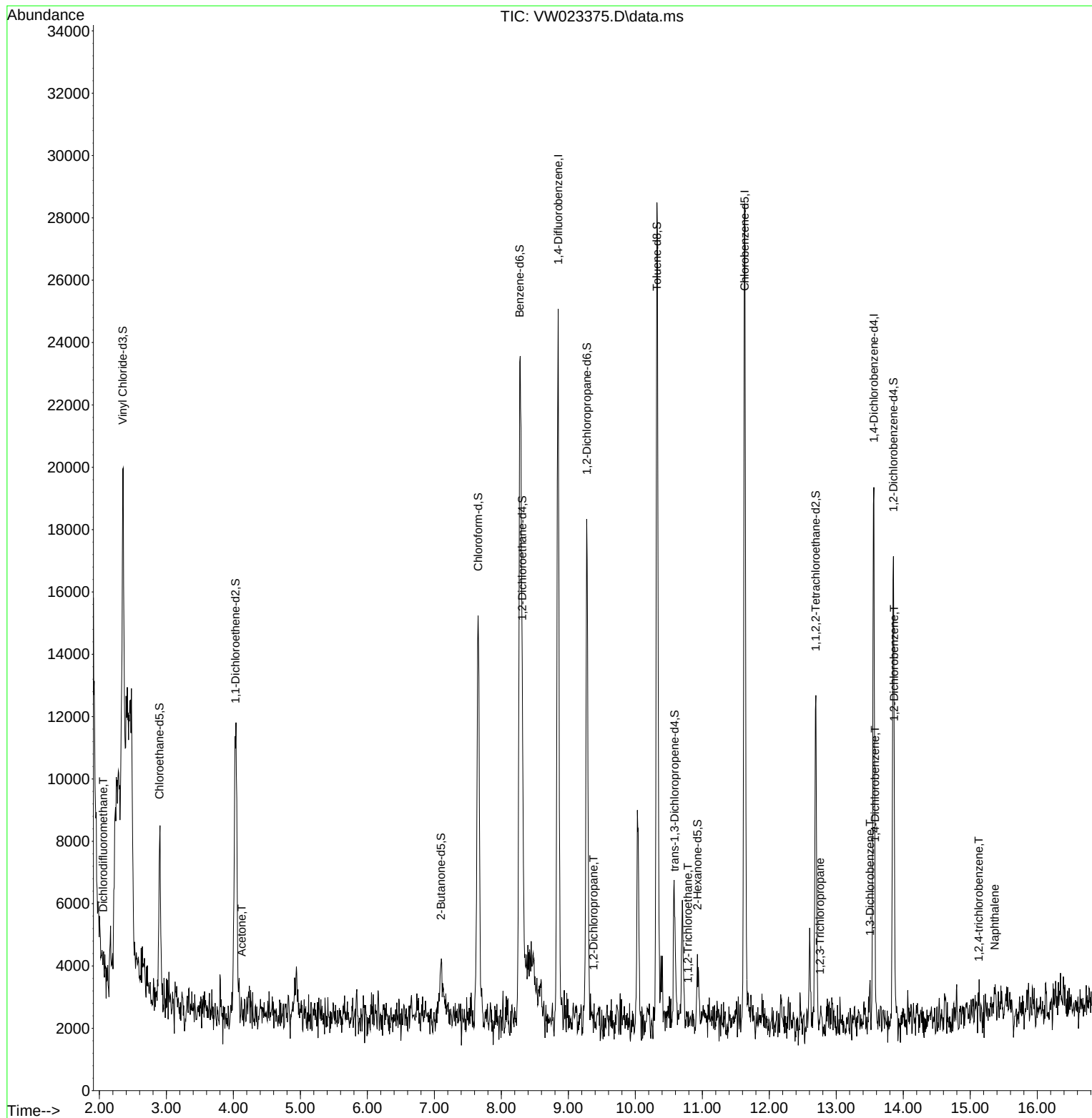
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	17805	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	14955	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	4070	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	9177	34.853	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	139.400%
7) Chloroethane-d5	2.898	69	5304	28.974	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.880%
11) 1,1-Dichloroethene-d2	4.032	63	9182	22.688	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.760%
21) 2-Butanone-d5	7.098	46	1441	26.589	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.180%
24) Chloroform-d	7.653	84	12841	27.388	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.560%
26) 1,2-Dichloroethane-d4	8.311	65	6922	28.187	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.760%
32) Benzene-d6	8.275	84	22840	28.424	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.680%
36) 1,2-Dichloropropane-d6	9.275	67	6852	29.806	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.240%
41) Toluene-d8	10.323	98	18375	23.983	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.920%
43) trans-1,3-Dichloroprop...	10.585	79	2621	25.540	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.160%
47) 2-Hexanone-d5	10.927	63	590	15.976	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.960%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	4978	24.551	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	3248	22.577	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.056	85	63	0.843	ug/L #	42
13) Acetone	4.123	43	236	5.986	ug/L	65
37) 1,2-Dichloropropane	9.378	63	126	0.624	ug/L #	85
45) 1,1,2-Trichloroethane	10.786	97	131	0.793	ug/L #	29
61) 1,2,3-Trichloropropane	12.756	75	122	1.668	ug/L #	45
64) 1,3-Dichlorobenzene	13.505	146	224	0.883	ug/L #	66
65) 1,4-Dichlorobenzene	13.579	146	293	1.129	ug/L #	26
67) 1,2-Dichlorobenzene	13.865	146	214	0.933	ug/L #	66
70) 1,2,4-trichlorobenzene	15.127	180	233	1.750	ug/L	91
71) Naphthalene	15.365	128	281	1.121	ug/L #	66

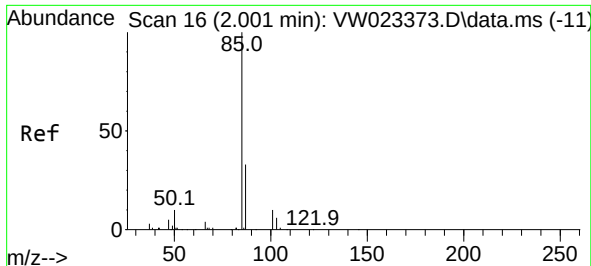
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

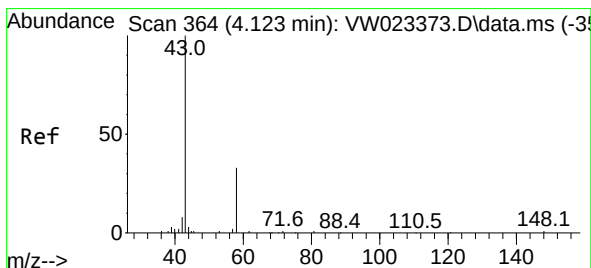
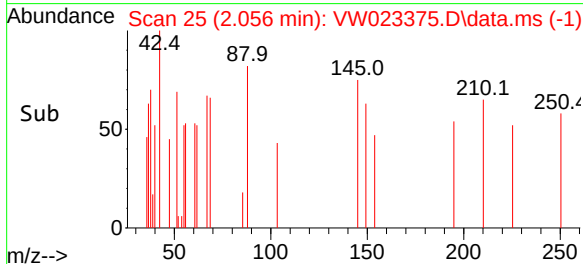
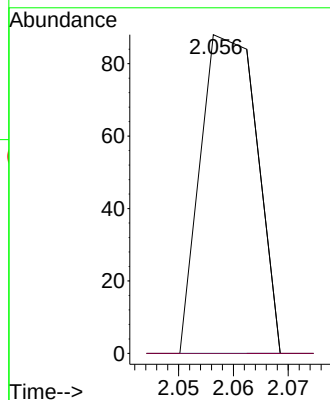
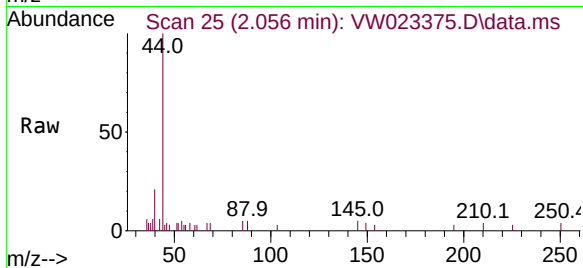




#2
Dichlorodifluoromethane
Concen: 0.843 ug/L
RT: 2.056 min Scan# 21
Delta R.T. 0.055 min
Lab File: VW023375.D
Acq: 02 Jun 2022 15:28

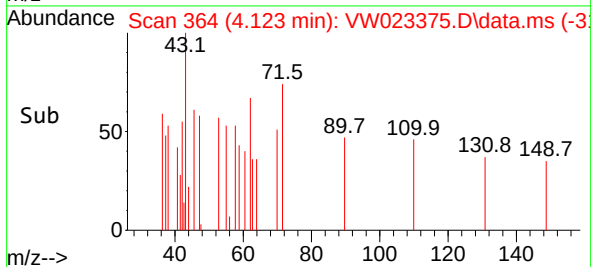
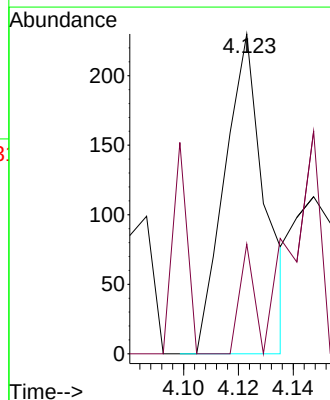
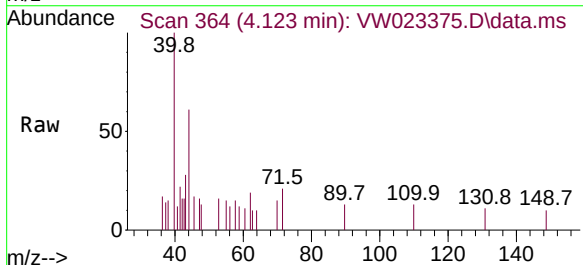
Instrument :
MSVOA_W
ClientSampleId :
DBTY9

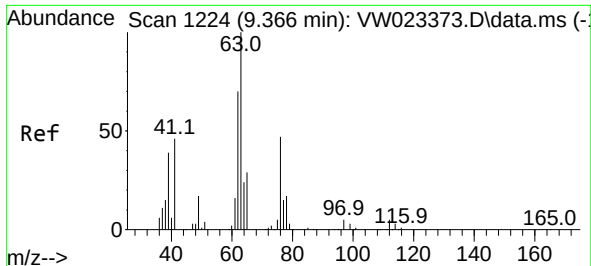
Tgt Ion: 85 Resp: 63
Ion Ratio Lower Upper
85 100
87 0.0 26.3 39.5#



#13
Acetone
Concen: 5.986 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023375.D
Acq: 02 Jun 2022 15:28

Tgt Ion: 43 Resp: 236
Ion Ratio Lower Upper
43 100
58 12.3 0.0 63.0





#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 9.378 min Scan# 11

Delta R.T. 0.012 min

Lab File: VW023375.D

Acq: 02 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

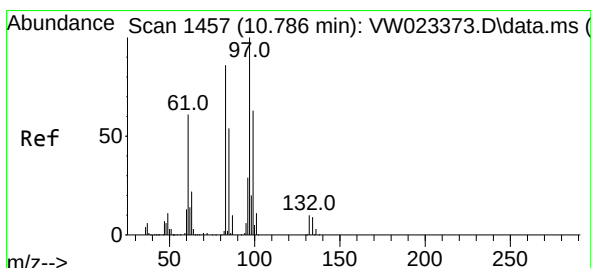
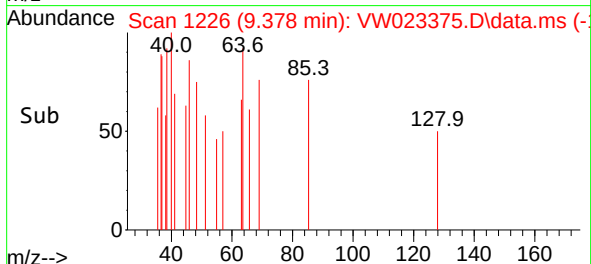
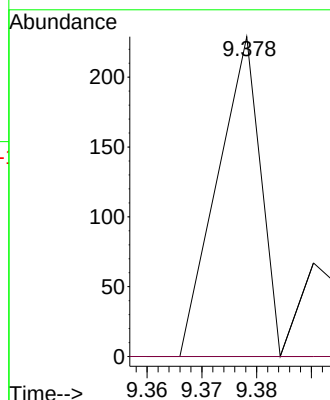
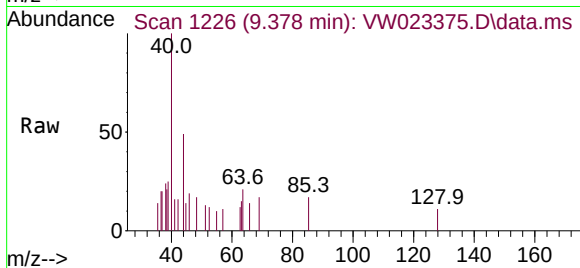
DBTY9

Tgt Ion: 63 Resp: 126

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#45

1,1,2-Trichloroethane

Concen: 0.793 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023375.D

Acq: 02 Jun 2022 15:28

Tgt Ion: 97 Resp: 131

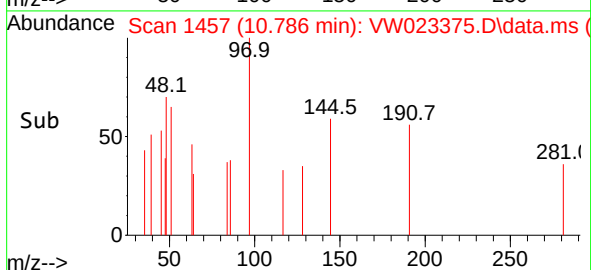
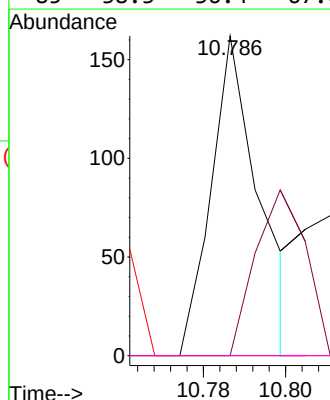
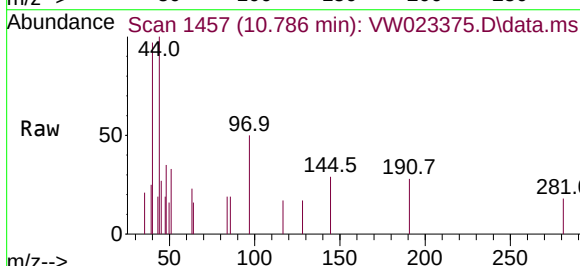
Ion Ratio Lower Upper

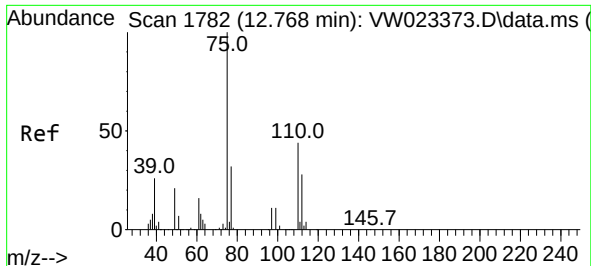
97 100

99 0.0 42.6 79.0#

83 0.0 61.2 113.8#

85 38.3 36.4 67.6





#61

1,2,3-Trichloropropane

Concen: 1.668 ug/L

RT: 12.756 min Scan# 11

Delta R.T. -0.012 min

Lab File: VW023375.D

Acq: 02 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

DBTY9

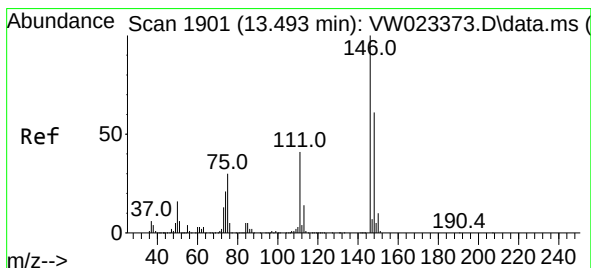
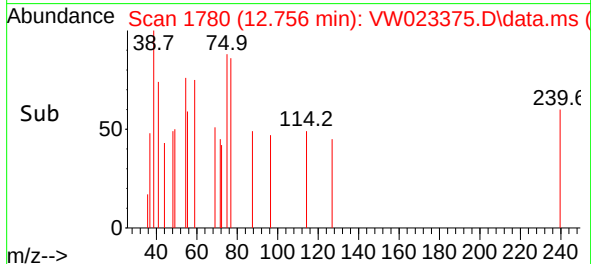
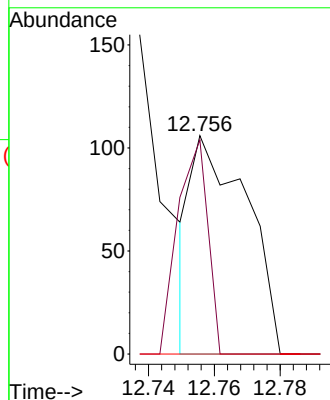
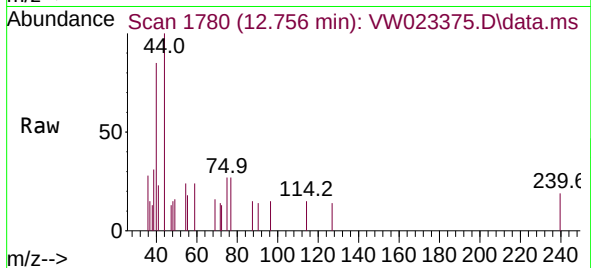
Tgt Ion: 75 Resp: 122

Ion Ratio Lower Upper

75 100

77 54.1 26.2 39.2#

110 0.0 34.7 52.1#



#64

1,3-Dichlorobenzene

Concen: 0.883 ug/L

RT: 13.505 min Scan# 1903

Delta R.T. 0.012 min

Lab File: VW023375.D

Acq: 02 Jun 2022 15:28

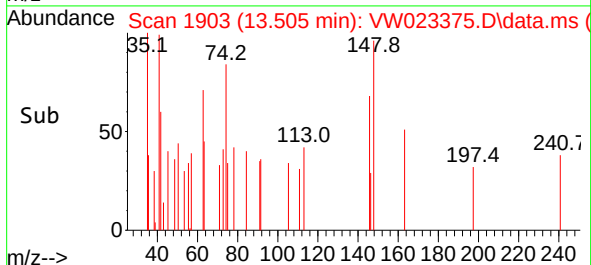
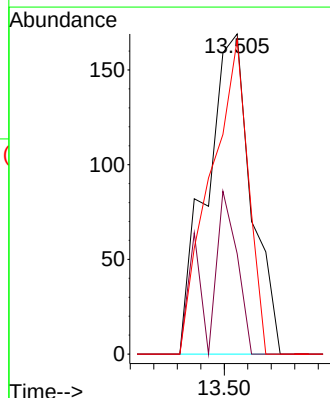
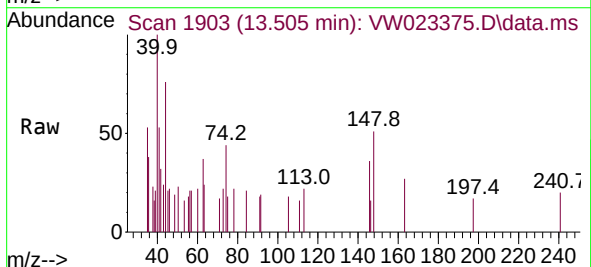
Tgt Ion:146 Resp: 224

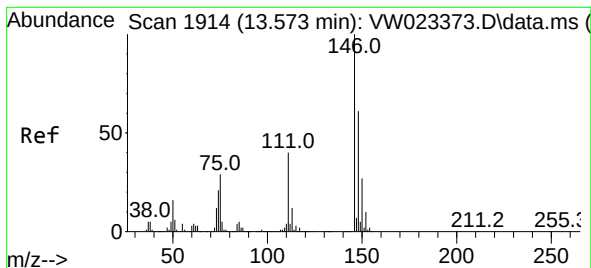
Ion Ratio Lower Upper

146 100

111 31.4 28.7 53.3

148 98.2 44.1 81.9#





#65

1,4-Dichlorobenzene

Concen: 1.129 ug/L

RT: 13.579 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VW023375.D

Acq: 02 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

DBTY9

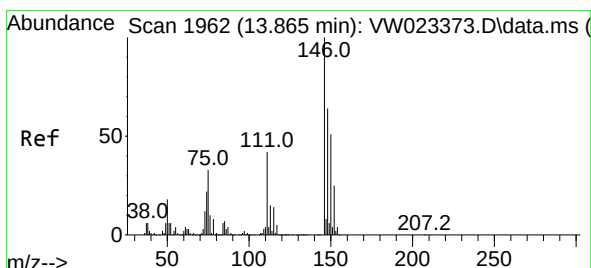
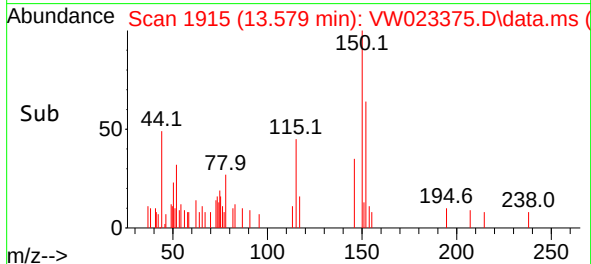
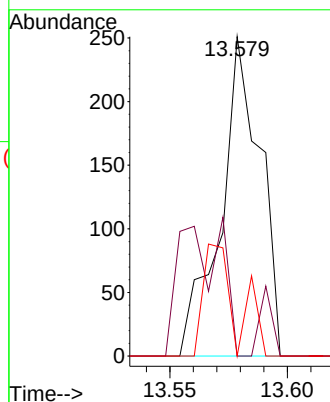
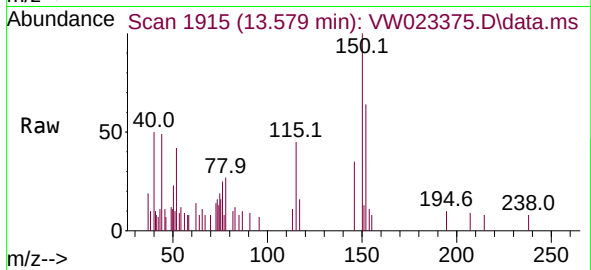
Tgt Ion:146 Resp: 293

Ion Ratio Lower Upper

146 100

111 0.0 26.9 49.9#

148 0.0 44.1 81.9#



#67

1,2-Dichlorobenzene

Concen: 0.933 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023375.D

Acq: 02 Jun 2022 15:28

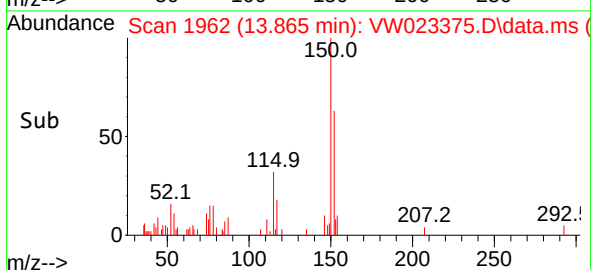
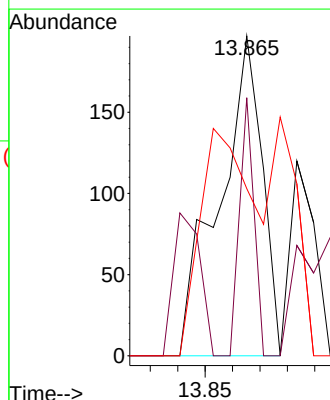
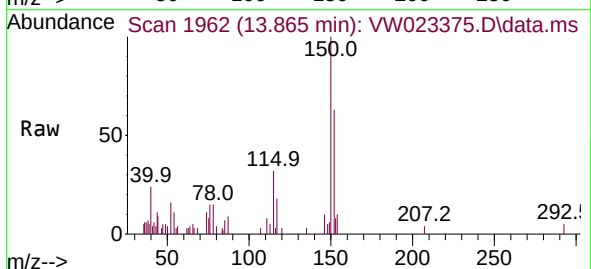
Tgt Ion:146 Resp: 214

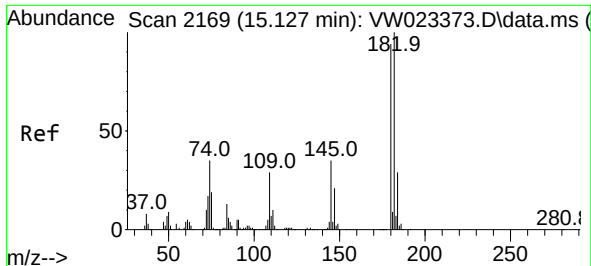
Ion Ratio Lower Upper

146 100

111 80.7 31.7 47.5#

148 52.3 49.8 74.8

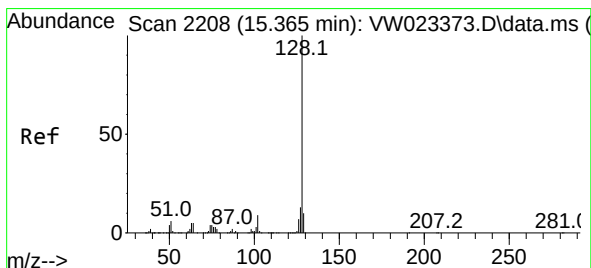
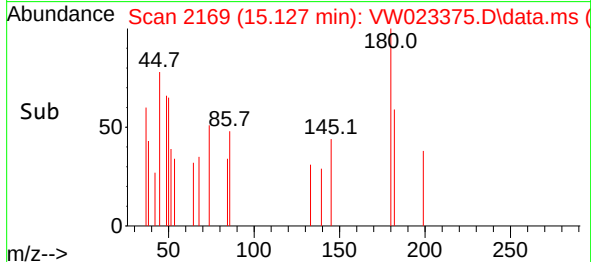
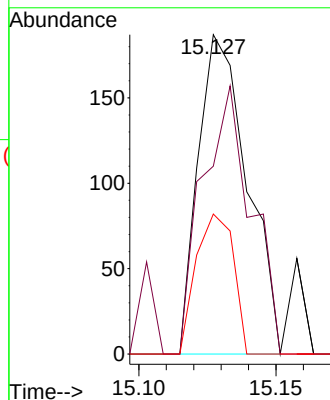
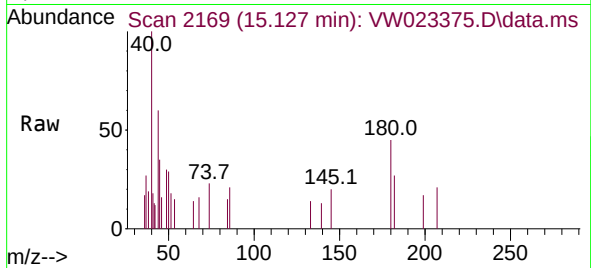




#70
1,2,4-trichlorobenzene
Concen: 1.750 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023375.D
Acq: 02 Jun 2022 15:28

Instrument :
MSVOA_W
ClientSampleId :
DBTY9

Tgt Ion:180 Resp: 233
Ion Ratio Lower Upper
180 100
182 83.3 75.0 112.6
145 33.5 25.7 38.5



#71
Naphthalene
Concen: 1.121 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW023375.D
Acq: 02 Jun 2022 15:28

Tgt Ion:128 Resp: 281
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 24.6 8.6 13.0#

