

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052205.D
 Acq On : 07 Dec 2022 18:47
 Operator : JC/MD
 Sample : N5916-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

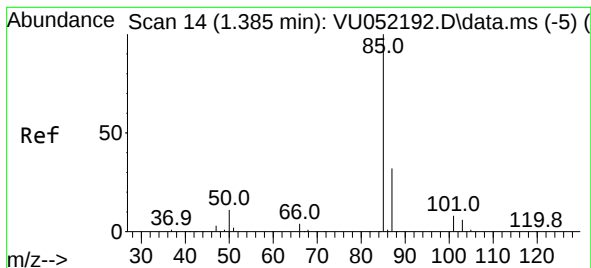
Instrument :
 MSVOA_U
 ClientSampleId :
 F5N19

Quant Time: Dec 08 02:02:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 01:59:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	209000	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	213759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	77229	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	88188	4.338	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.915	69	76570	4.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.568	65	33629	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.636	46	212325	57.619	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.240%
24) Chloroform-d	5.063	84	156681	5.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.700	65	81962	5.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.726	84	307270	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.690	67	102202	5.204	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.896	98	230568	4.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.179	79	32025	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.635	63	153183	50.505	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.020%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	91961	5.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	82078	5.551	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
2) Dichlorodifluoromethane	1.385	85	2124	0.117	ug/L #	86
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	937	0.061	ug/L #	20
12) 1,1-Dichloroethene	2.581	96	14738	0.972	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	7751	0.265	ug/L	98
27) 1,2-Dichloroethane	5.796	62	15474	0.851	ug/L	99
33) Benzene	5.771	78	4493	0.065	ug/L	100
35) Methylcyclohexane	6.687	83	24174	0.968	ug/L #	20
64) 1,3-Dichlorobenzene	11.748	146	3230	0.130	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	2002	0.081	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	2674	0.112	ug/L #	75

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



#2

Dichlorodifluoromethane

Concen: 0.117 ug/L

RT: 1.385 min Scan# 14

Delta R.T. -0.000 min

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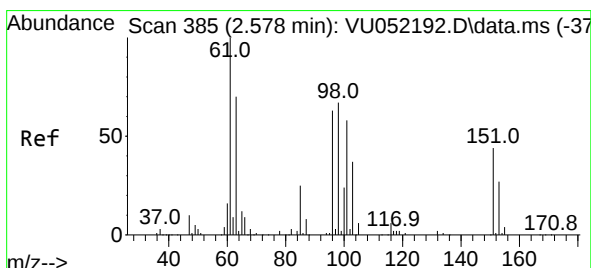
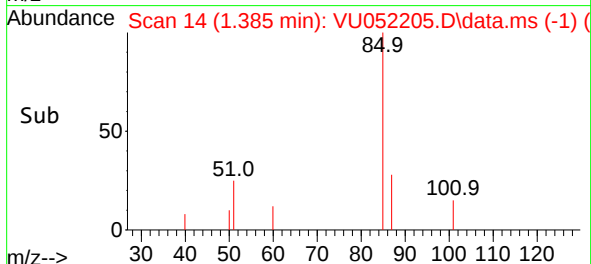
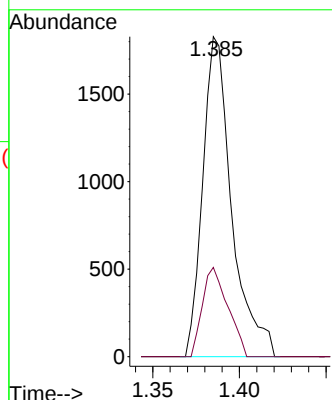
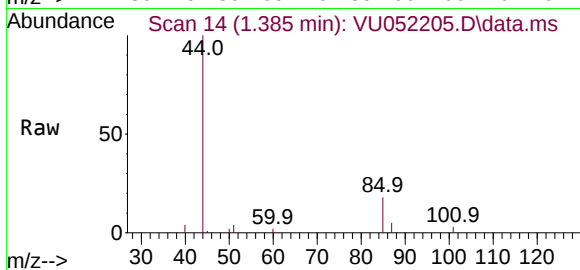
F5N19

Tgt Ion: 85 Resp: 2124

Ion Ratio Lower Upper

85 100

87 24.5 25.8 38.8#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.061 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.007 min

Lab File: VU052205.D

Acq: 07 Dec 2022 18:47

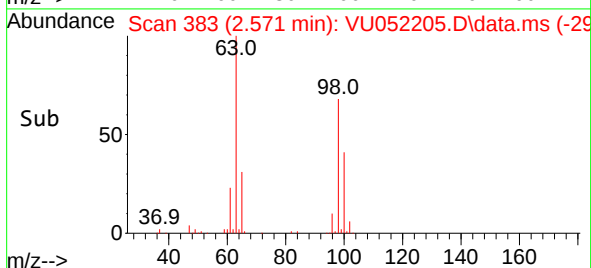
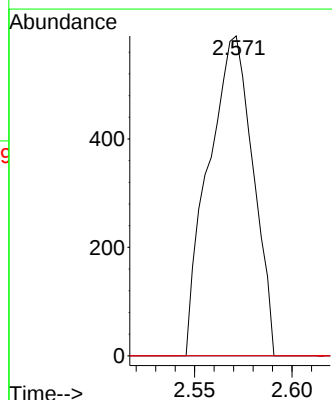
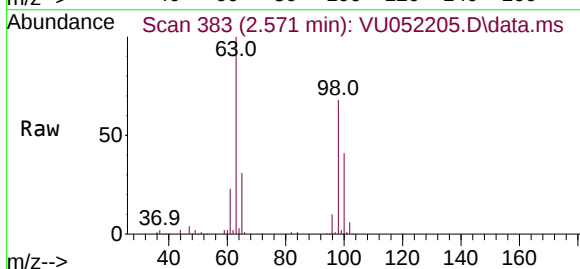
Tgt Ion:101 Resp: 937

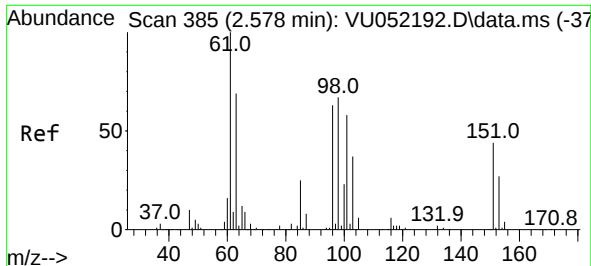
Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 0.972 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU052205.D

Acq: 07 Dec 2022 18:47

Instrument :

MSVOA_U

ClientSampleId :

F5N19

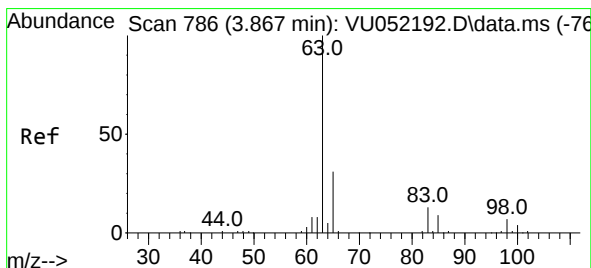
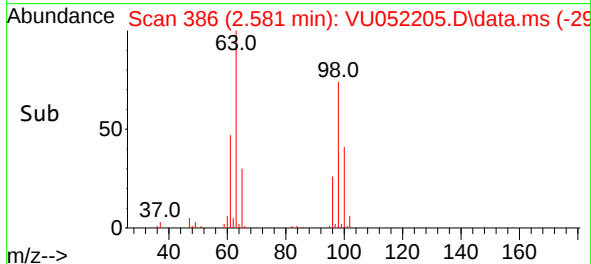
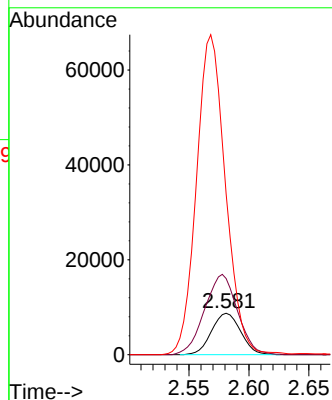
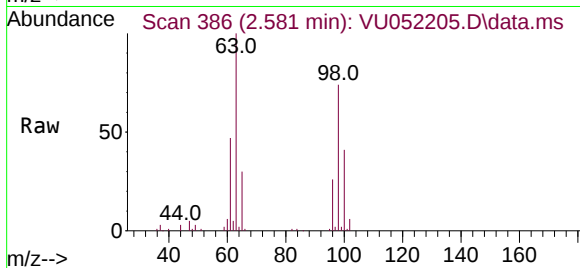
Tgt Ion: 96 Resp: 14738

Ion Ratio Lower Upper

96 100

61 183.8 114.8 213.2

63 388.3 93.7 174.1#



#19

1,1-Dichloroethane

Concen: 0.265 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.006 min

Lab File: VU052205.D

Acq: 07 Dec 2022 18:47

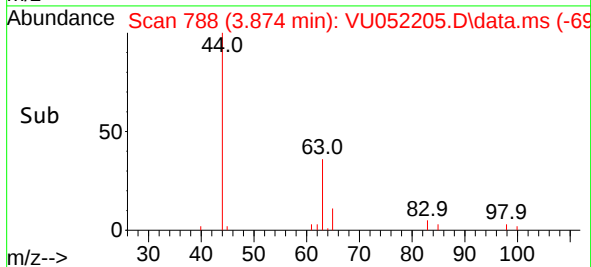
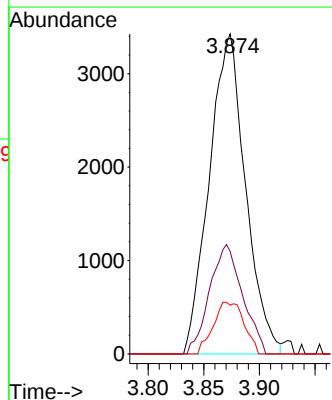
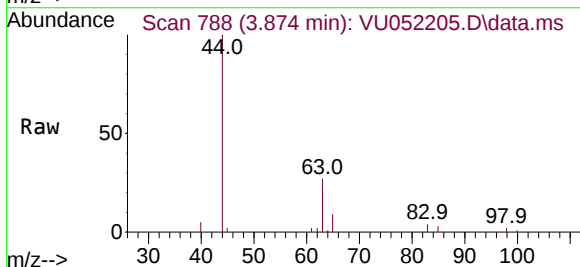
Tgt Ion: 63 Resp: 7751

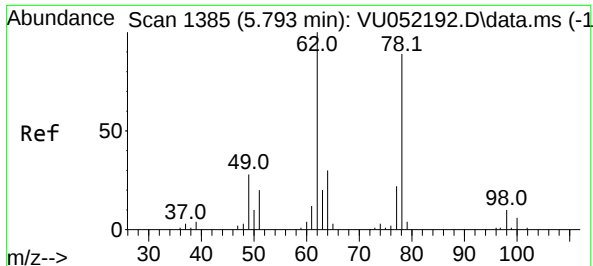
Ion Ratio Lower Upper

63 100

65 32.1 22.2 41.2

83 15.3 9.2 17.0

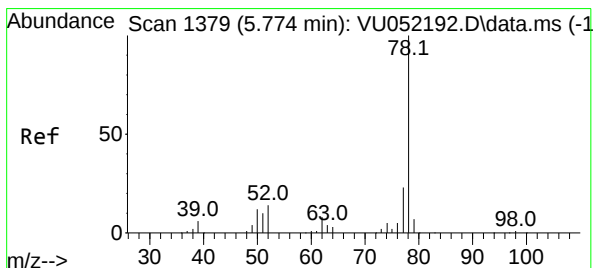
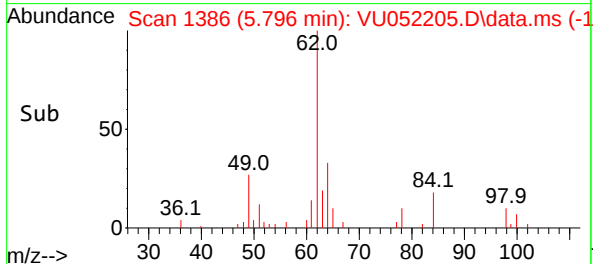
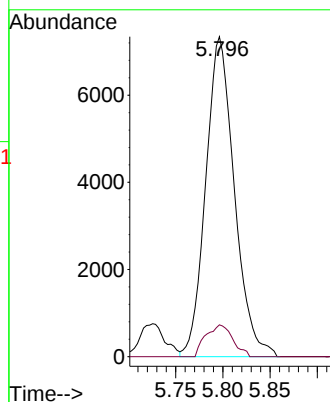
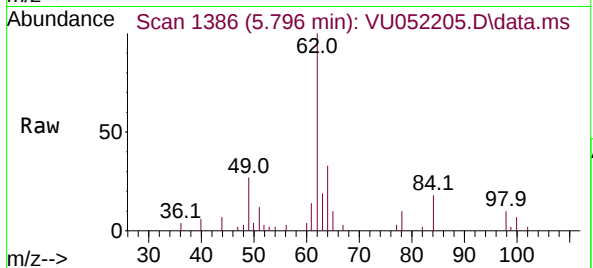




#27
1,2-Dichloroethane
Concen: 0.851 ug/L
RT: 5.796 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052205.D
Acq: 07 Dec 2022 18:47

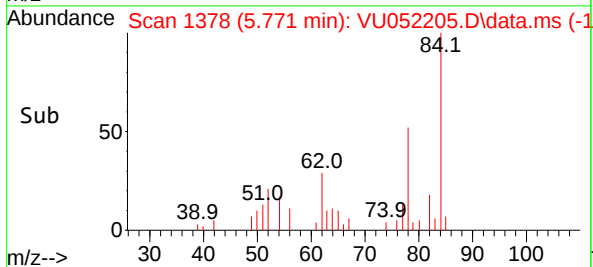
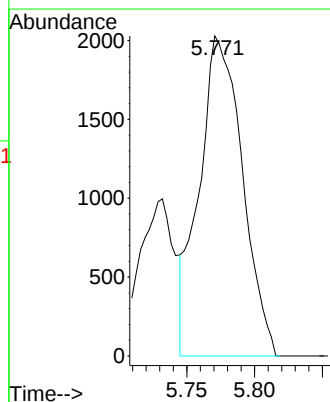
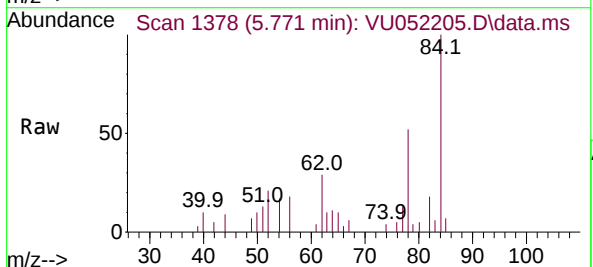
Instrument :
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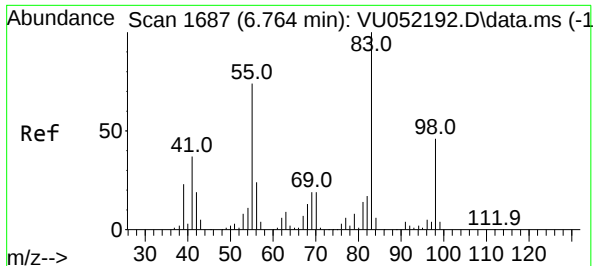
Tgt Ion: 62 Resp: 15474
Ion Ratio Lower Upper
62 100
98 10.0 8.4 12.6



#33
Benzene
Concen: 0.065 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU052205.D
Acq: 07 Dec 2022 18:47

Tgt Ion: 78 Resp: 4493





#35

Methylcyclohexane

Concen: 0.968 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU052205.D

Acq: 07 Dec 2022 18:47

Instrument :

MSVOA_U

ClientSampleId :

F5N19

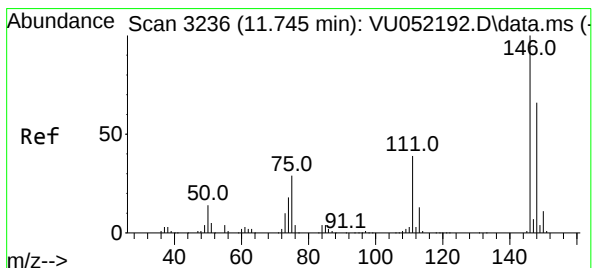
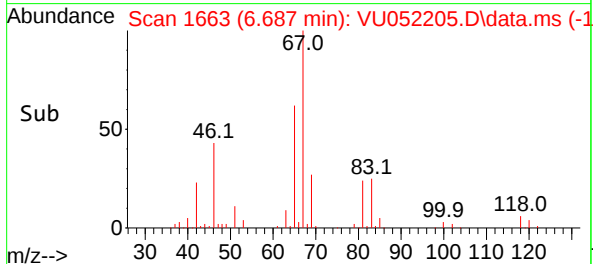
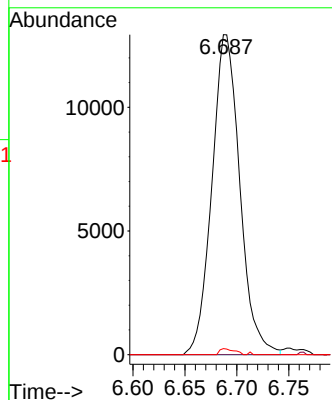
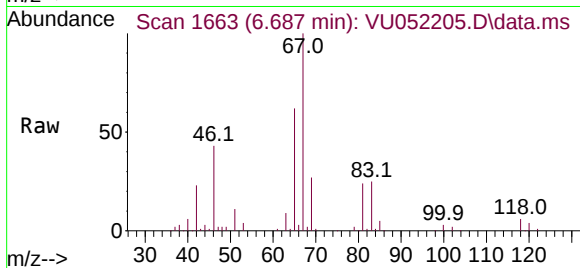
Tgt Ion: 83 Resp: 24174

Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 1.0 35.1 52.7#



#64

1,3-Dichlorobenzene

Concen: 0.130 ug/L

RT: 11.748 min Scan# 3237

Delta R.T. 0.003 min

Lab File: VU052205.D

Acq: 07 Dec 2022 18:47

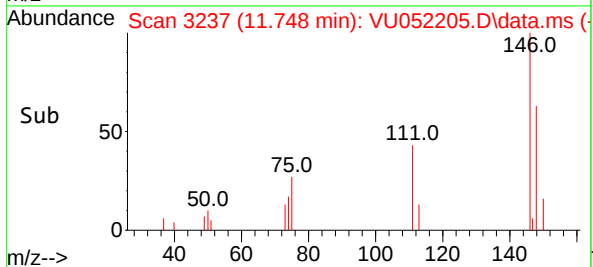
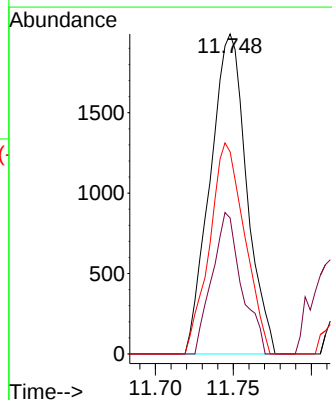
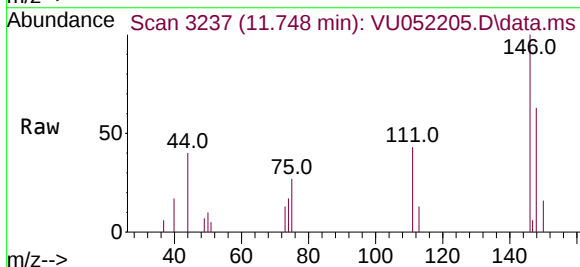
Tgt Ion:146 Resp: 3230

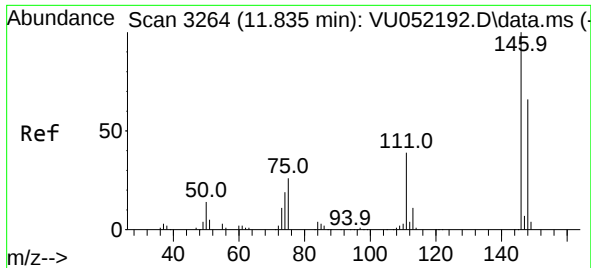
Ion Ratio Lower Upper

146 100

111 42.5 28.6 53.2

148 63.2 45.4 84.2

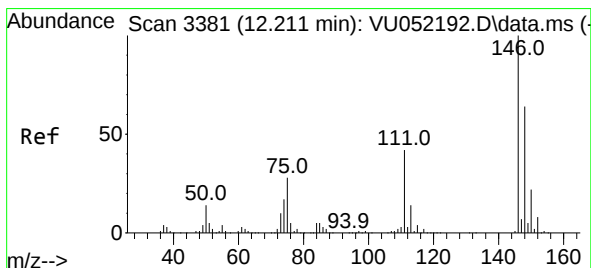
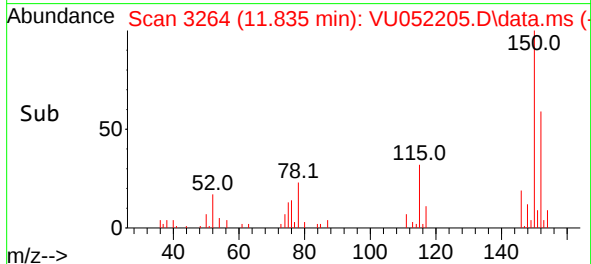
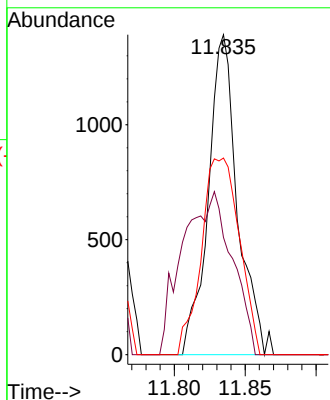
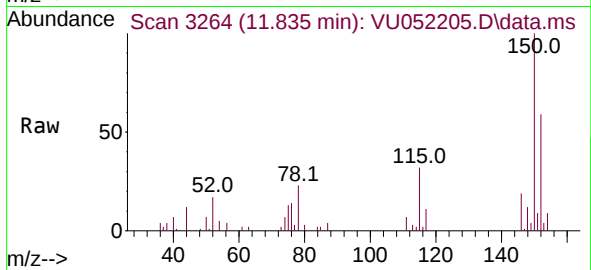




#65
1,4-Dichlorobenzene
Concen: 0.081 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052205.D
Acq: 07 Dec 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :
F5N19

Tgt Ion:146 Resp: 2002
Ion Ratio Lower Upper
146 100
111 36.6 26.9 50.1
148 61.4 45.1 83.7



#67
1,2-Dichlorobenzene
Concen: 0.112 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU052205.D
Acq: 07 Dec 2022 18:47

Tgt Ion:146 Resp: 2674
Ion Ratio Lower Upper
146 100
111 59.4 32.7 49.1#
148 80.0 50.6 75.8#

