

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

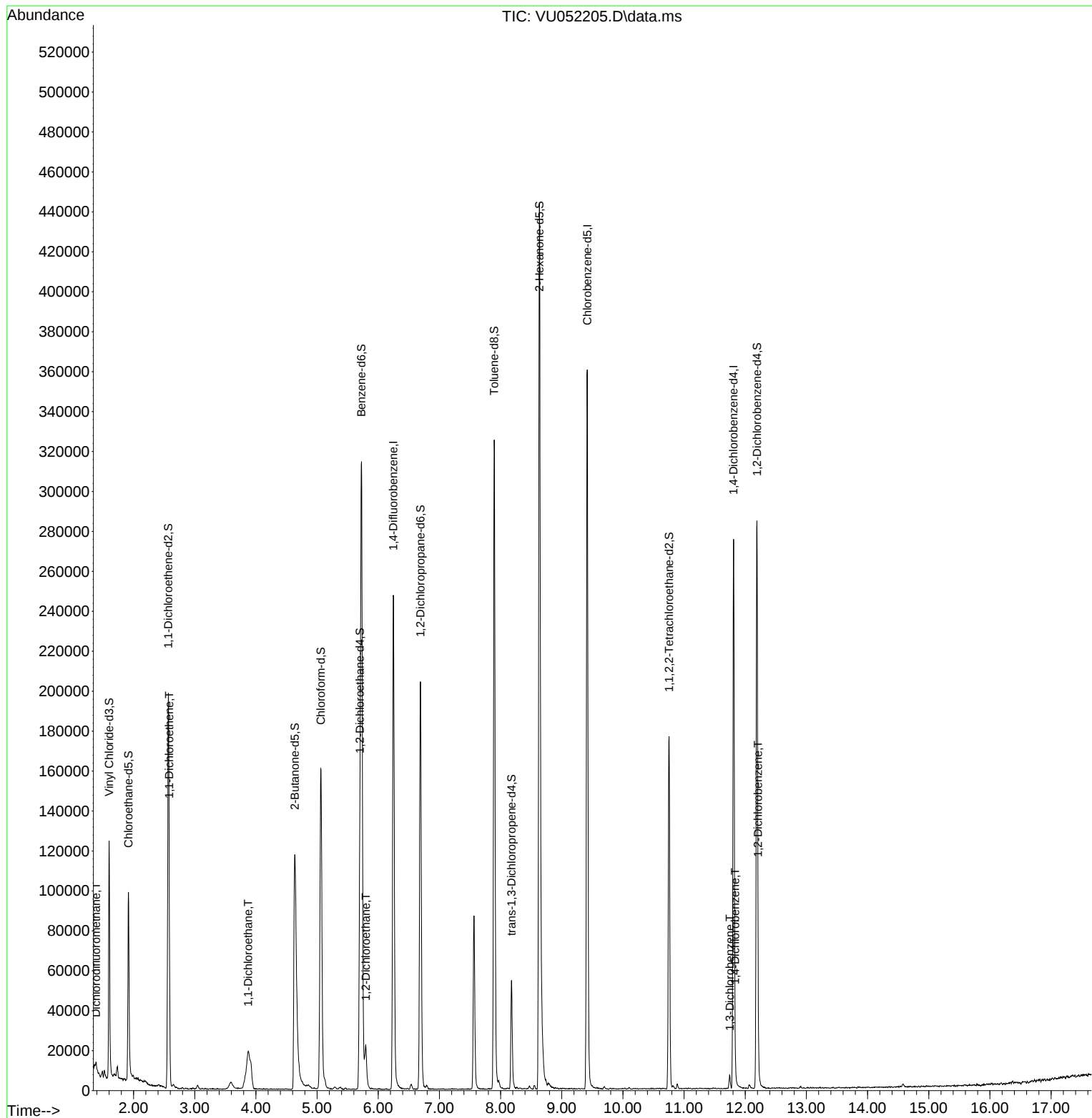
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	209000	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	213759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	77229	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	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
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
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

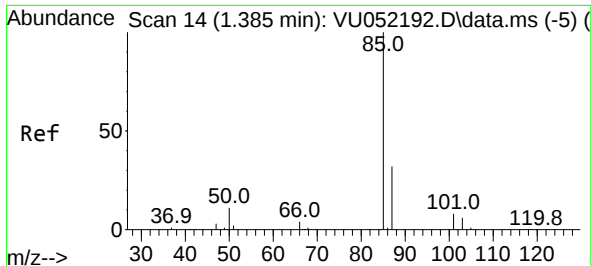
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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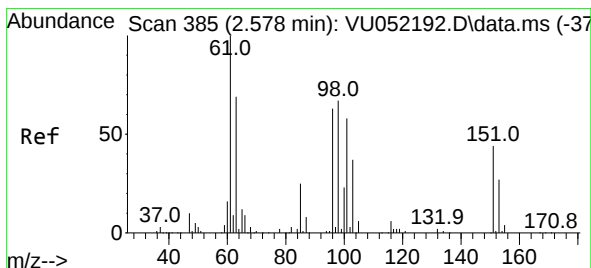
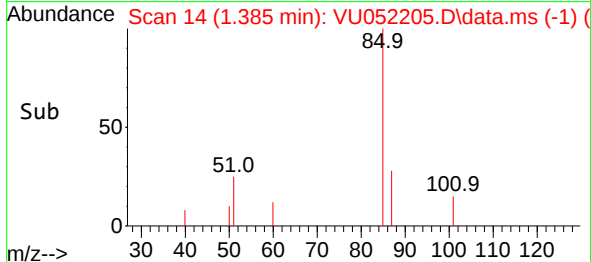
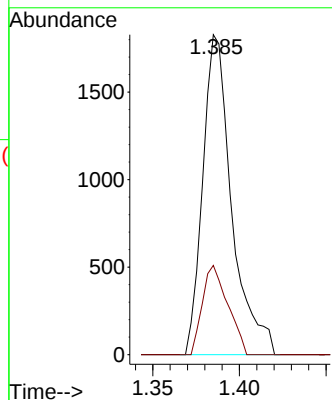
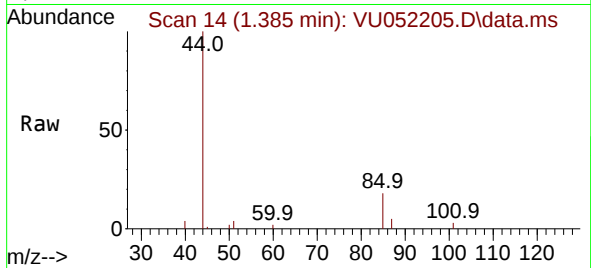




#2
Dichlorodifluoromethane
Concen: 0.117 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052205.D
Acq: 07 Dec 2022 18:47

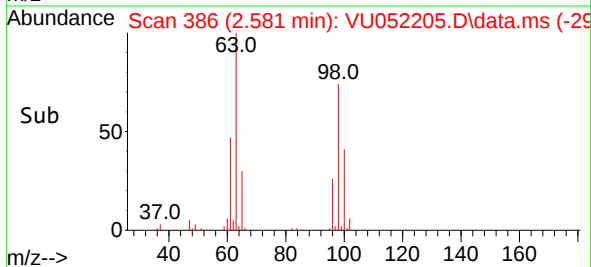
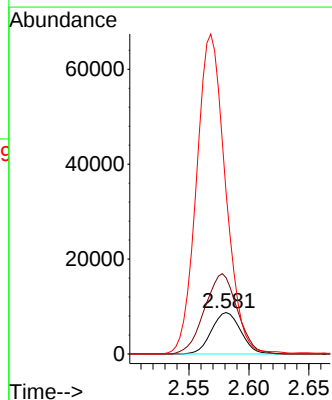
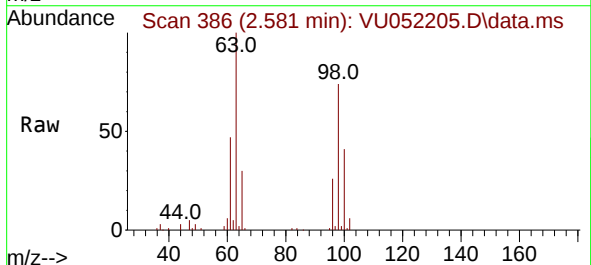
Instrument :
MSVOA_U
ClientSampleId :
F5N19

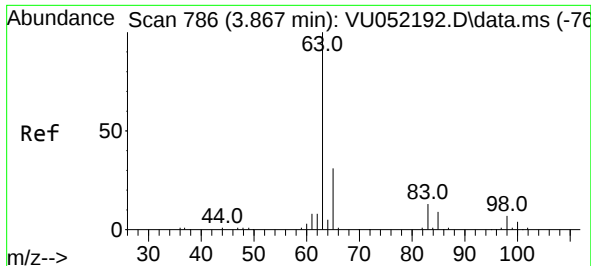
Tgt Ion: 85 Resp: 2124
Ion Ratio Lower Upper
85 100
87 24.5 25.8 38.8#



#12
1,1-Dichloroethene
Concen: 0.972 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU052205.D
Acq: 07 Dec 2022 18:47

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# 786

Delta R.T. 0.006 min

Lab File: VU052205.D

Acq: 07 Dec 2022 18:47

Instrument :

MSVOA_U

ClientSampleId :

F5N19

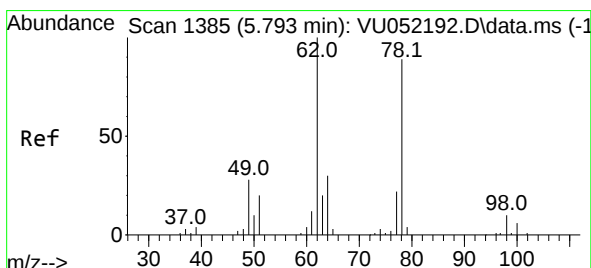
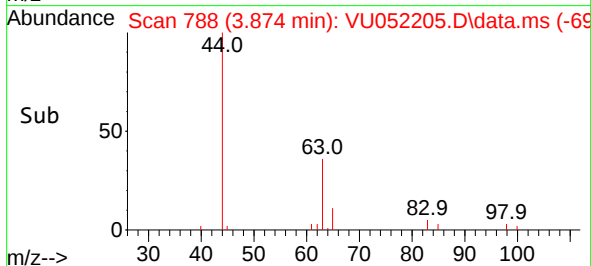
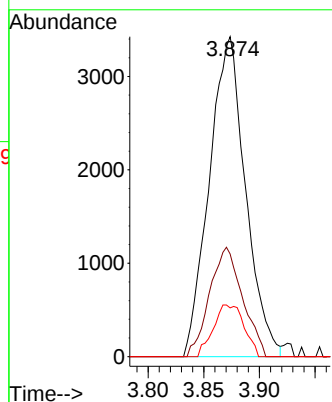
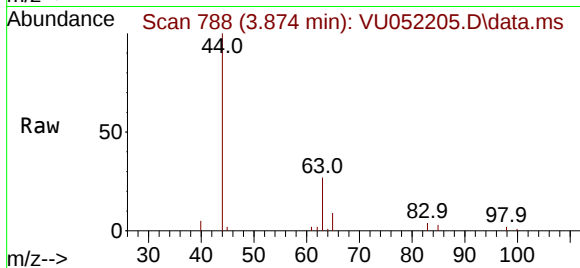
Tgt Ion: 63 Resp: 7751

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# 1386

Delta R.T. 0.003 min

Lab File: VU052205.D

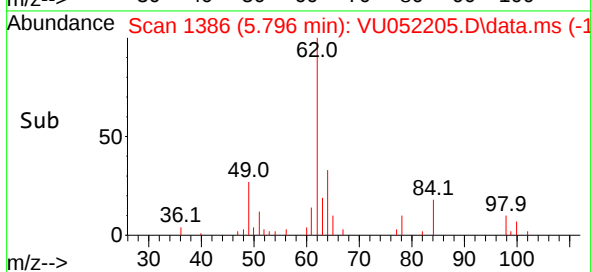
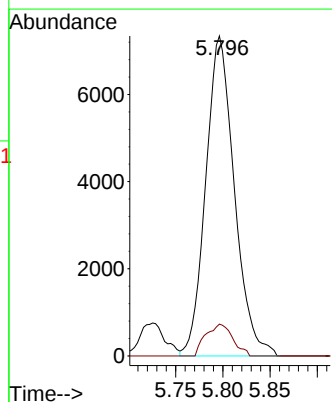
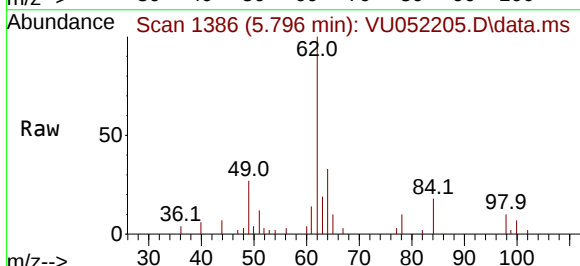
Acq: 07 Dec 2022 18:47

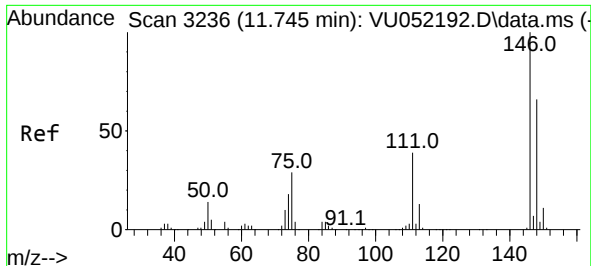
Tgt Ion: 62 Resp: 15474

Ion Ratio Lower Upper

62 100

98 10.0 8.4 12.6

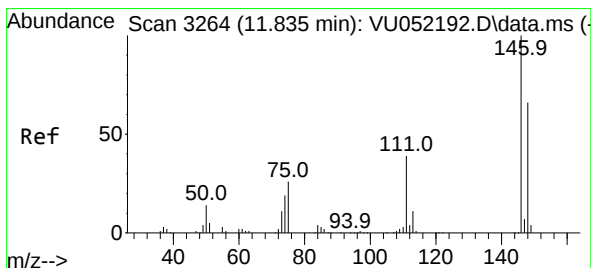
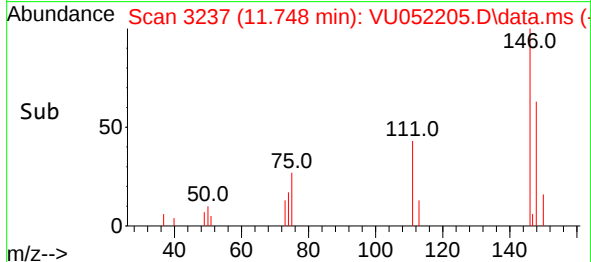
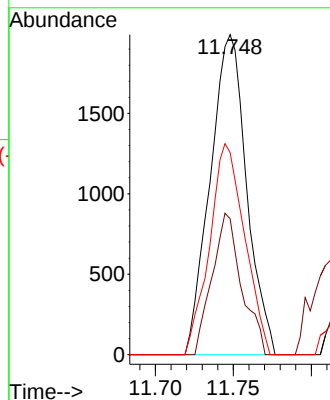
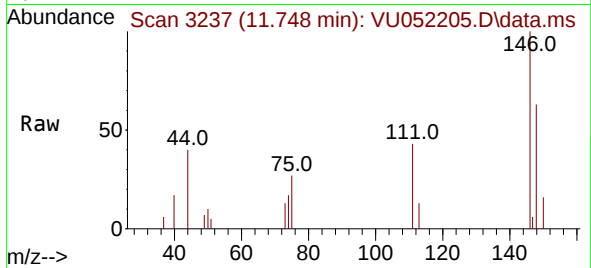




#64
1,3-Dichlorobenzene
Concen: 0.130 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052205.D
Acq: 07 Dec 2022 18:47

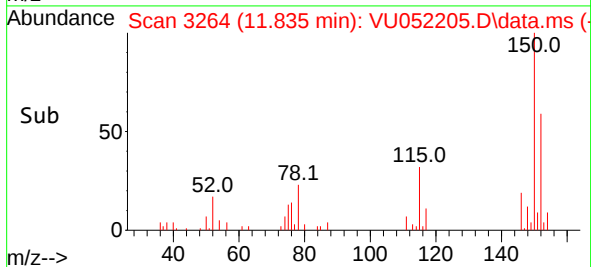
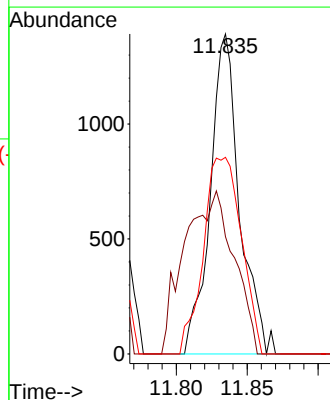
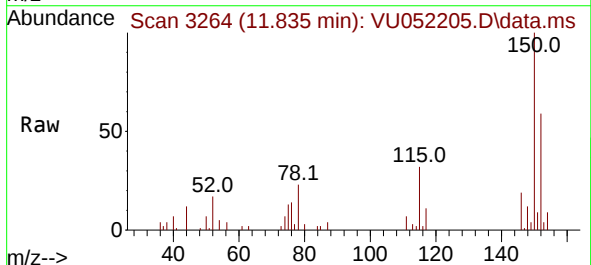
Instrument :
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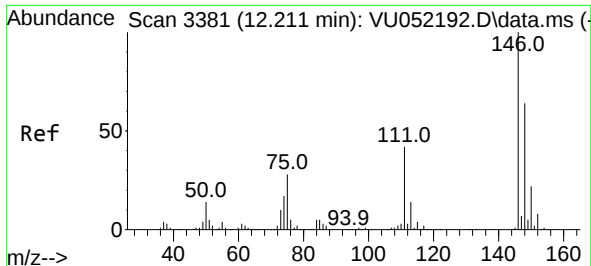
Tgt Ion:146 Resp: 3230
Ion Ratio Lower Upper
146 100
111 42.5 28.6 53.2
148 63.2 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 0.081 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU052205.D
Acq: 07 Dec 2022 18:47

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# 31

Delta R.T. -0.003 min

Lab File: VU052205.D

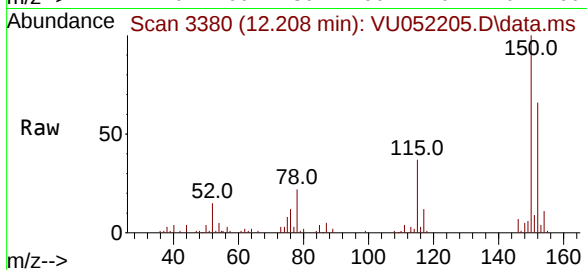
Acq: 07 Dec 2022 18:47

Instrument :

MSVOA_U

ClientSampleId :

F5N19



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#

