

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052206.D
 Acq On : 07 Dec 2022 19:09
 Operator : JC/MD
 Sample : N5916-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N20

Quant Time: Dec 08 02:02:42 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)

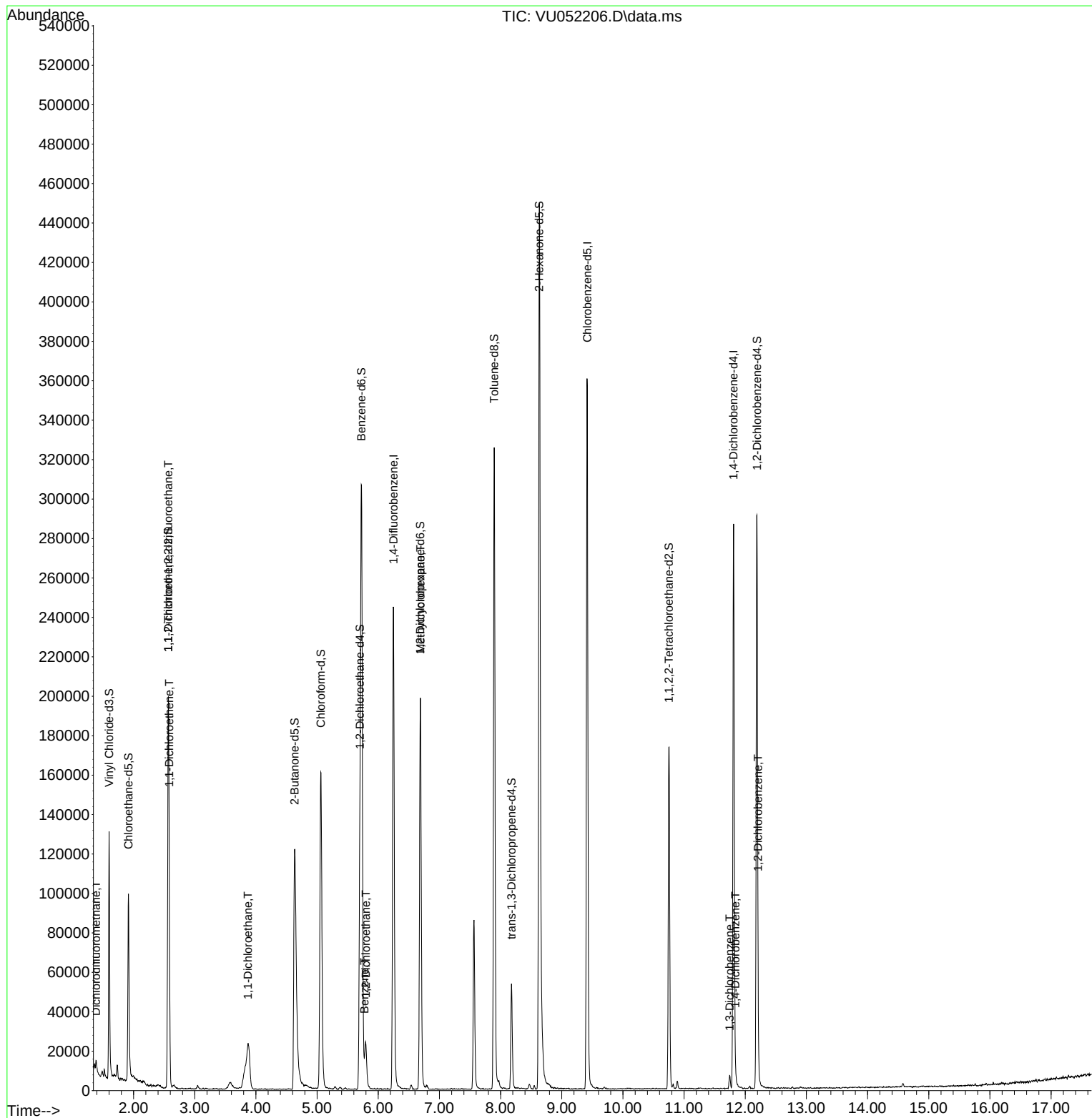
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	207286	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	213471	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83163	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	88038	4.366	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.916	69	76738	4.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.568	65	34055	4.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.632	46	213356	58.378	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.760%
24) Chloroform-d	5.060	84	155730	5.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.700	65	80154	5.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.726	84	308695	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.687	67	102584	5.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.896	98	231898	4.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.179	79	32021	4.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.632	63	152210	50.252	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.500%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91718	5.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	83135	5.221	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	2370	0.132	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	842	0.056	ug/L #	20
12) 1,1-Dichloroethene	2.581	96	16747	1.114	ug/L #	3
19) 1,1-Dichloroethane	3.870	63	9535	0.328	ug/L	96
27) 1,2-Dichloroethane	5.796	62	16923	0.939	ug/L	98
33) Benzene	5.774	78	4419	0.064	ug/L	100
35) Methylcyclohexane	6.690	83	23071	0.926	ug/L #	20
64) 1,3-Dichlorobenzene	11.745	146	3281	0.123	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	2649	0.100	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	2894	0.113	ug/L #	89

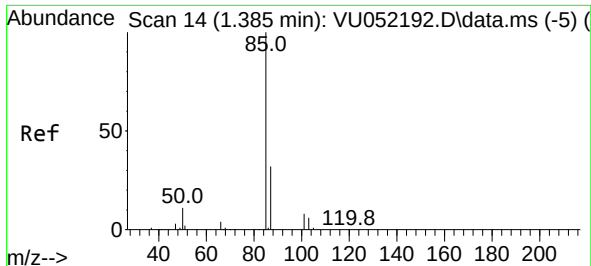
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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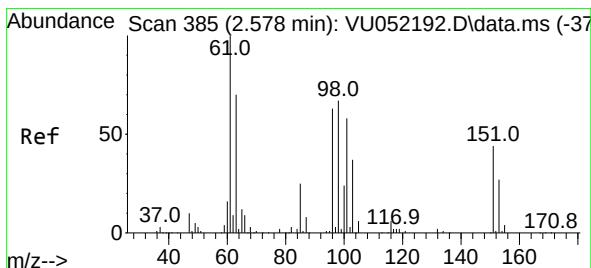
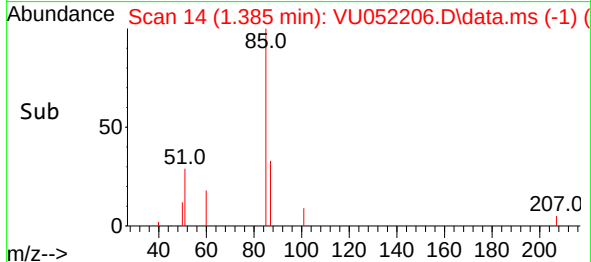
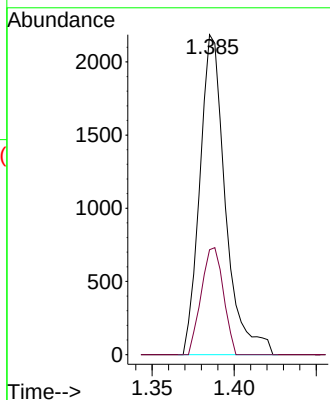
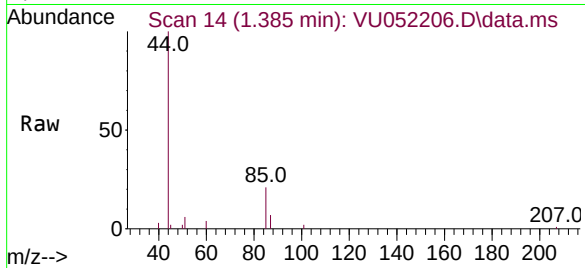




#2
Dichlorodifluoromethane
Concen: 0.132 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052206.D
Acq: 07 Dec 2022 19:09

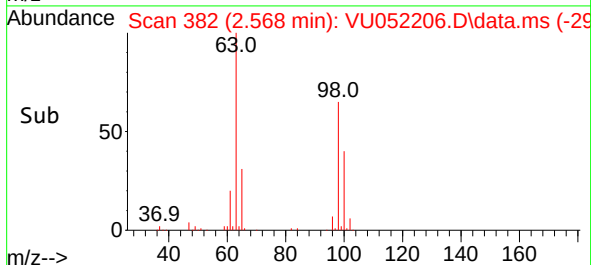
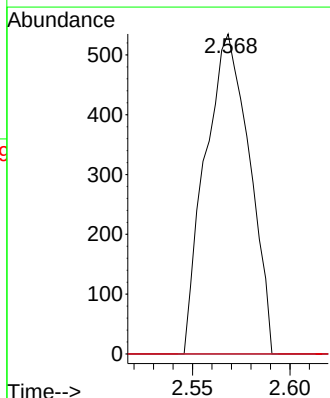
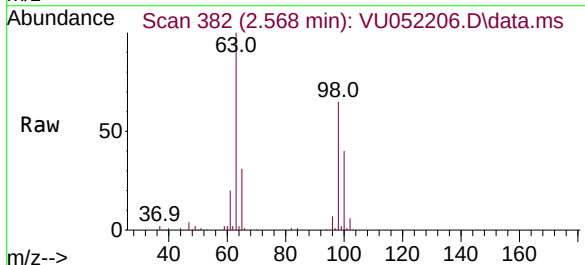
Instrument :
MSVOA_U
ClientSampleId :
F5N20

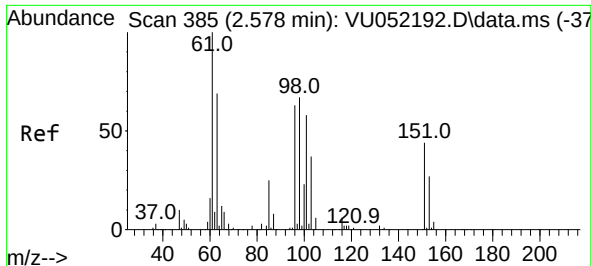
Tgt Ion: 85 Resp: 2370
Ion Ratio Lower Upper
85 100
87 28.7 25.8 38.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU052206.D
Acq: 07 Dec 2022 19:09

Tgt Ion: 101 Resp: 842
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: 1.114 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU052206.D

Acq: 07 Dec 2022 19:09

Instrument :

MSVOA_U

ClientSampleId :

F5N20

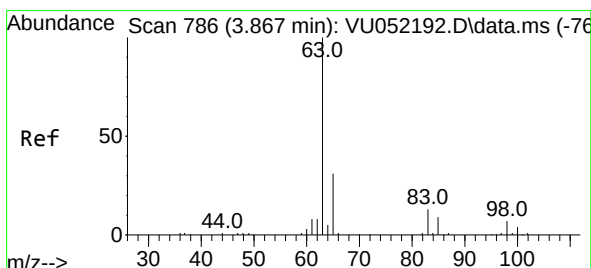
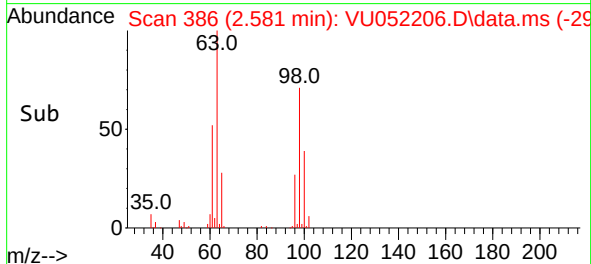
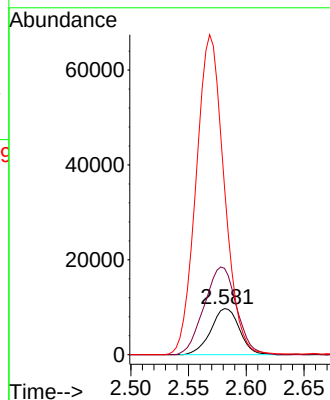
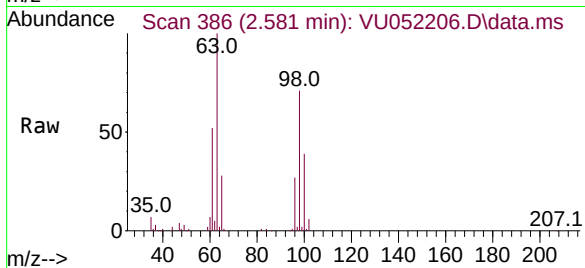
Tgt Ion: 96 Resp: 16747

Ion Ratio Lower Upper

96 100

61 187.6 114.8 213.2

63 363.7 93.7 174.1#



#19

1,1-Dichloroethane

Concen: 0.328 ug/L

RT: 3.870 min Scan# 787

Delta R.T. 0.003 min

Lab File: VU052206.D

Acq: 07 Dec 2022 19:09

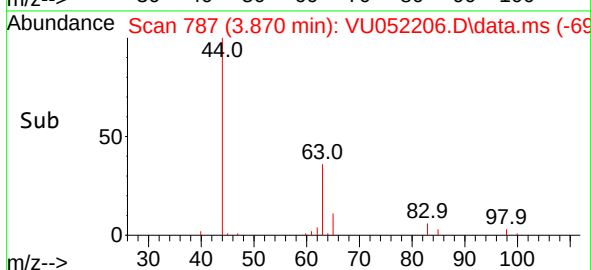
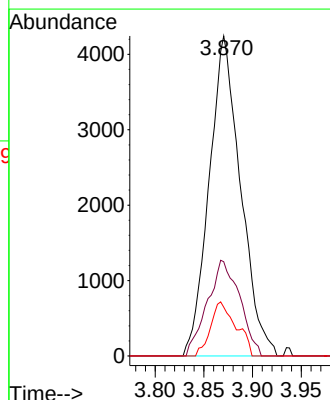
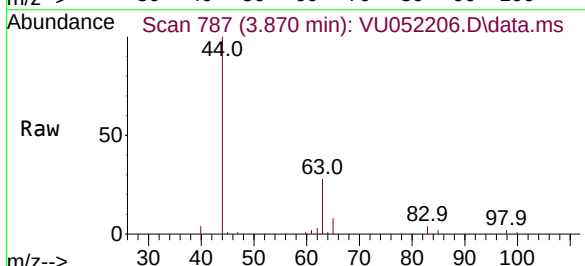
Tgt Ion: 63 Resp: 9535

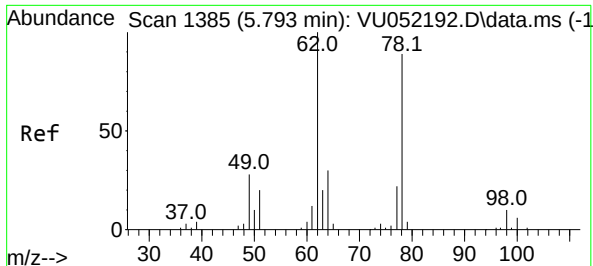
Ion Ratio Lower Upper

63 100

65 29.5 22.2 41.2

83 15.2 9.2 17.0

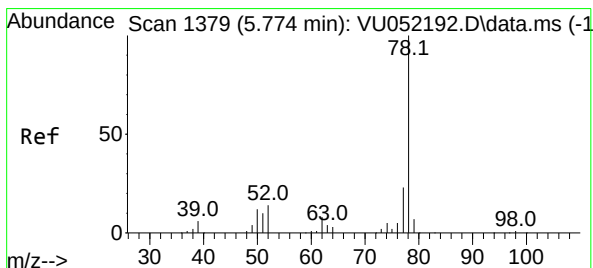
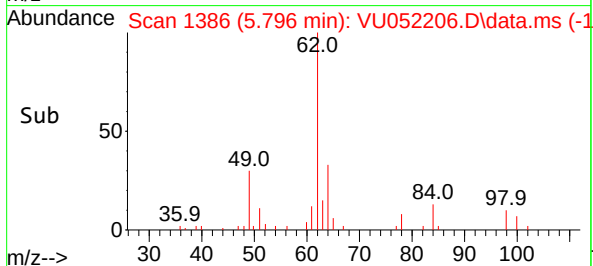
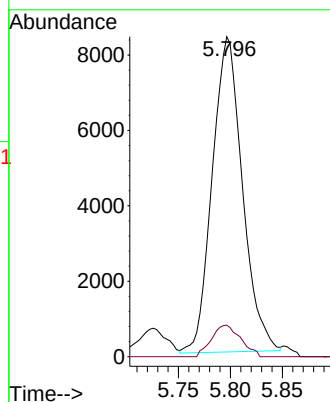
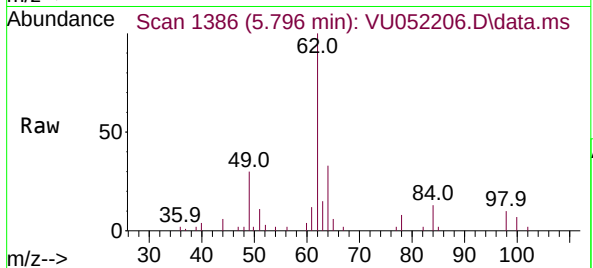




#27
 1,2-Dichloroethane
 Concen: 0.939 ug/L
 RT: 5.796 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU052206.D
 Acq: 07 Dec 2022 19:09

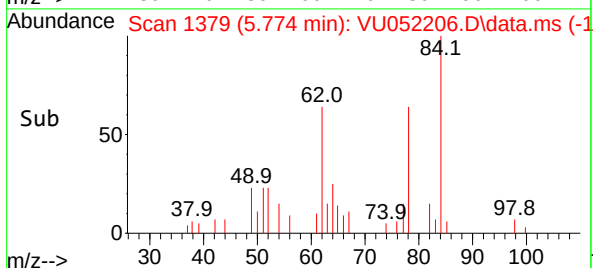
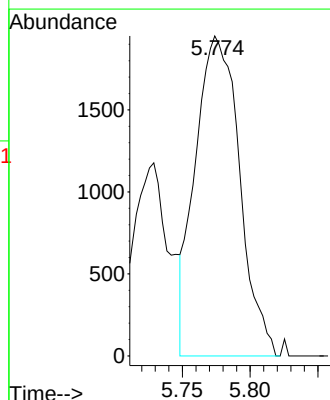
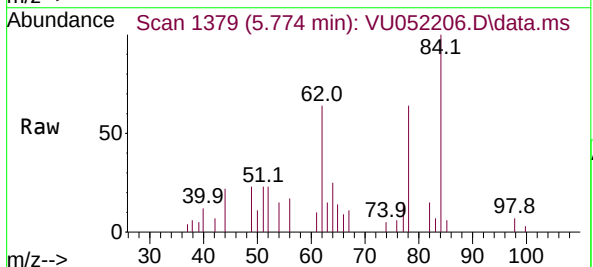
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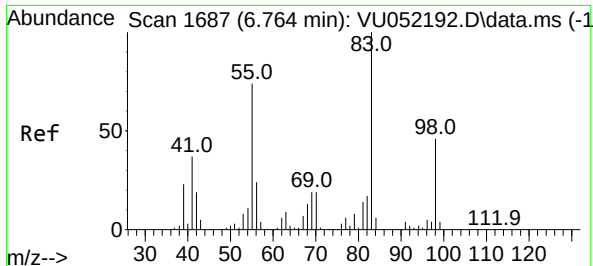
Tgt Ion: 62 Resp: 16923
 Ion Ratio Lower Upper
 62 100
 98 9.8 8.4 12.6



#33
 Benzene
 Concen: 0.064 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. -0.000 min
 Lab File: VU052206.D
 Acq: 07 Dec 2022 19:09

Tgt Ion: 78 Resp: 4419





#35

Methylcyclohexane

Concen: 0.926 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052206.D

Acq: 07 Dec 2022 19:09

Instrument :

MSVOA_U

ClientSampleId :

F5N20

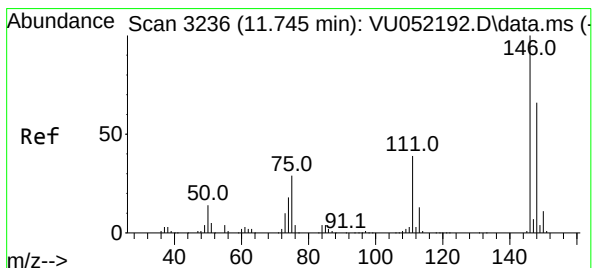
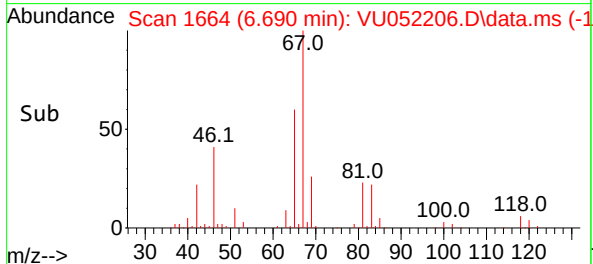
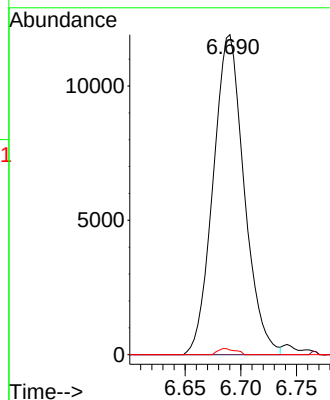
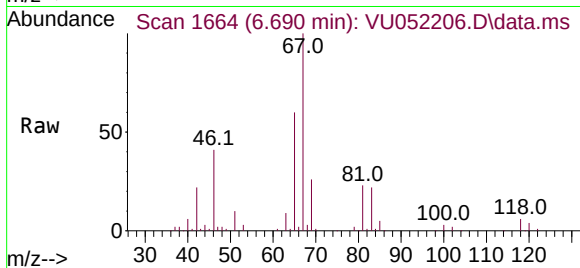
Tgt Ion: 83 Resp: 23071

Ion Ratio Lower Upper

83 100

55 0.2 60.8 91.2#

98 1.1 35.1 52.7#



#64

1,3-Dichlorobenzene

Concen: 0.123 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. -0.000 min

Lab File: VU052206.D

Acq: 07 Dec 2022 19:09

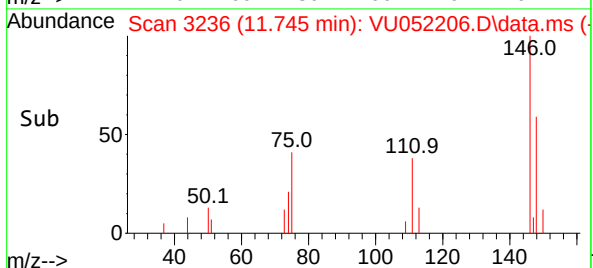
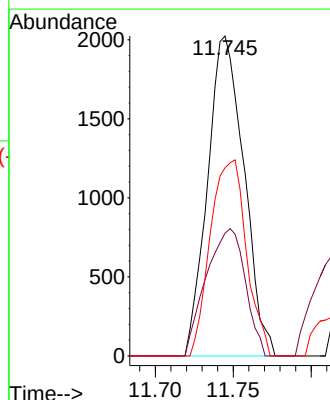
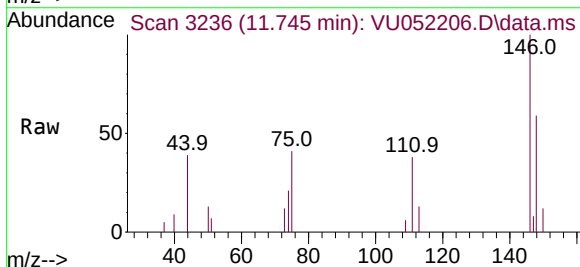
Tgt Ion: 146 Resp: 3281

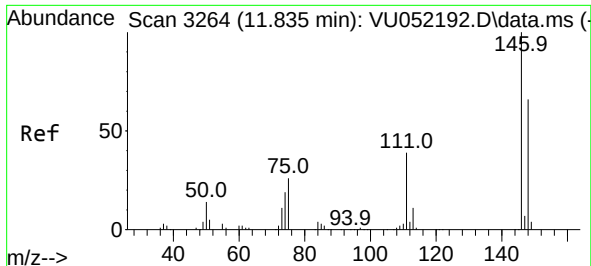
Ion Ratio Lower Upper

146 100

111 38.3 28.6 53.2

148 58.8 45.4 84.2

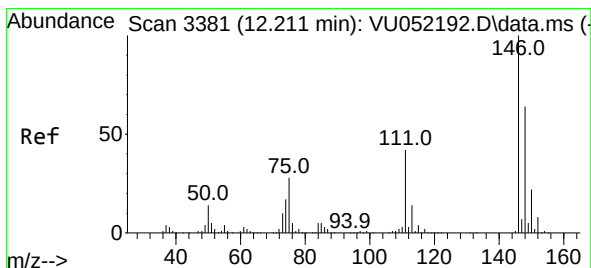
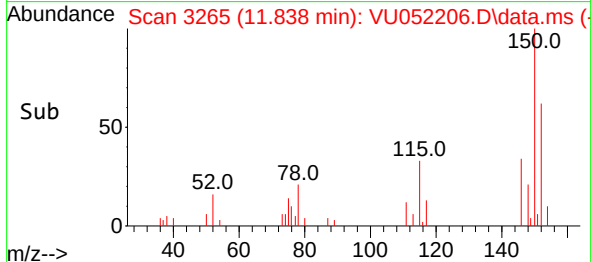
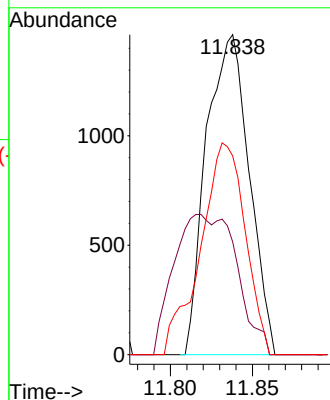
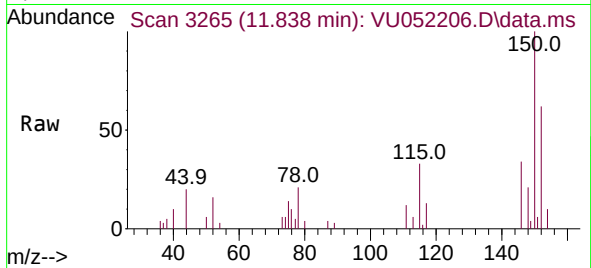




#65
1,4-Dichlorobenzene
Concen: 0.100 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052206.D
Acq: 07 Dec 2022 19:09

Instrument :
MSVOA_U
ClientSampleId :
F5N20

Tgt Ion:146 Resp: 2649
Ion Ratio Lower Upper
146 100
111 35.2 26.9 50.1
148 62.1 45.1 83.7



#67
1,2-Dichlorobenzene
Concen: 0.113 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU052206.D
Acq: 07 Dec 2022 19:09

Tgt Ion:146 Resp: 2894
Ion Ratio Lower Upper
146 100
111 57.3 32.7 49.1#
148 64.2 50.6 75.8

