

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052211.D
 Acq On : 07 Dec 2022 21:06
 Operator : JC/MD
 Sample : N5916-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N25

Quant Time: Dec 08 02:03:50 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)

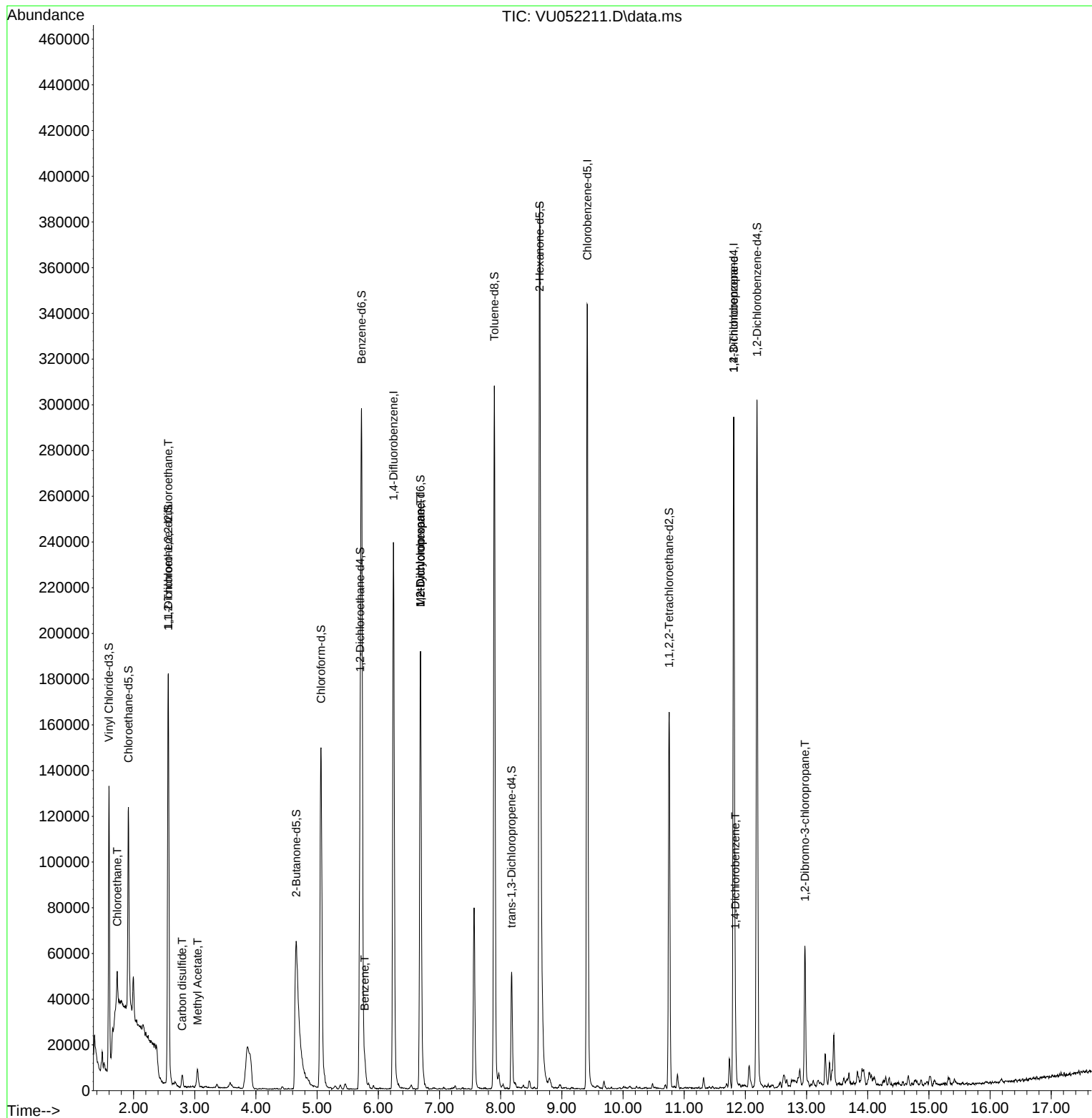
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	201180	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	203942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83558	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85877	4.388	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.916	69	73007	4.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.568	65	34509	4.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	4.658	46	181967	51.300	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.600%
24) Chloroform-d	5.063	84	147192	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.703	65	77160	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.726	84	293691	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.690	67	98393	5.251	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.896	98	216618	3.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.179	79	31069	4.550	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.636	63	148375	51.275	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.540%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	87250	5.371	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	82947	5.185	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
8) Chloroethane	1.732	64	74054	5.443	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1069	0.073	ug/L #	20
14) Carbon disulfide	2.793	76	8825	0.175	ug/L	98
15) Methyl Acetate	3.044	43	3466	0.555	ug/L #	48
33) Benzene	5.777	78	8862	0.134	ug/L	100
35) Methylcyclohexane	6.690	83	22678	0.952	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9607	0.559	ug/L #	90
61) 1,2,3-Trichloropropane	11.809	75	12309	1.287	ug/L #	65
65) 1,4-Dichlorobenzene	11.835	146	10667	0.399	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.973	75	512	0.245	ug/L #	25

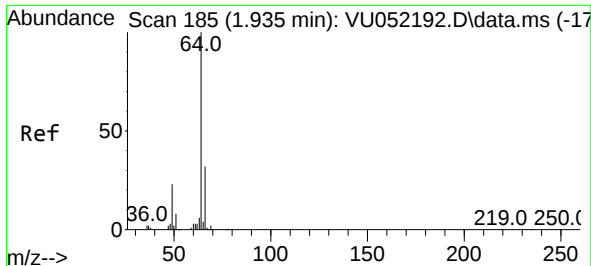
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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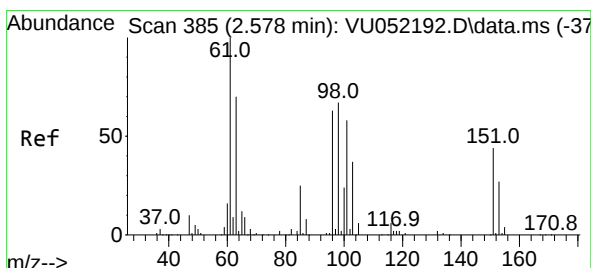
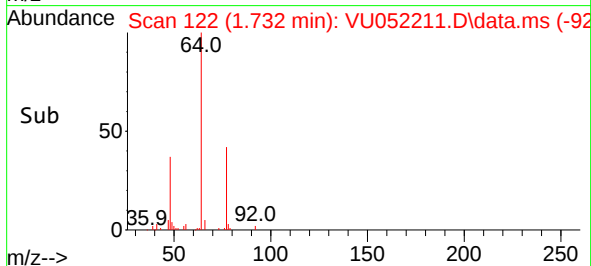
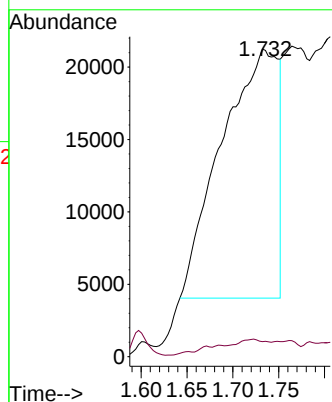
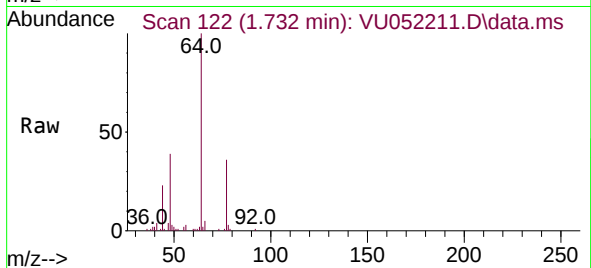




#8
Chloroethane
Concen: 5.443 ug/L
RT: 1.732 min Scan# 11
Delta R.T. -0.203 min
Lab File: VU052211.D
Acq: 07 Dec 2022 21:06

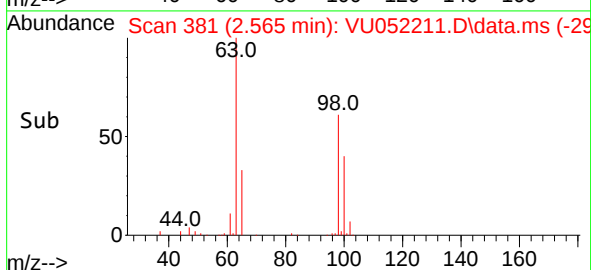
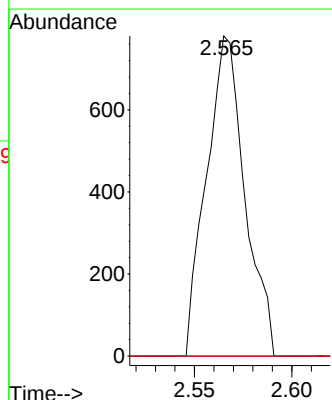
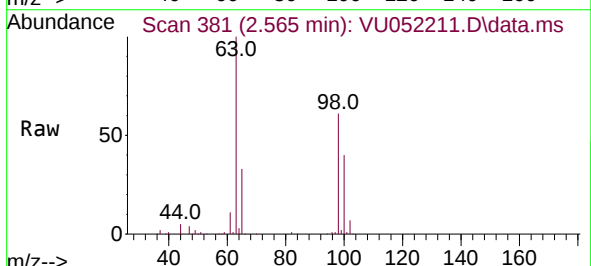
Instrument :
MSVOA_U
ClientSampleId :
F5N25

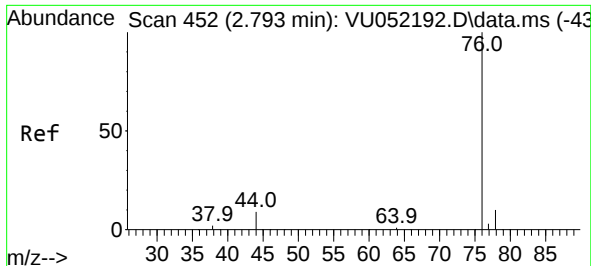
Tgt Ion: 64 Resp: 74054
Ion Ratio Lower Upper
64 100
66 4.9 21.1 39.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU052211.D
Acq: 07 Dec 2022 21:06

Tgt Ion:101 Resp: 1069
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#

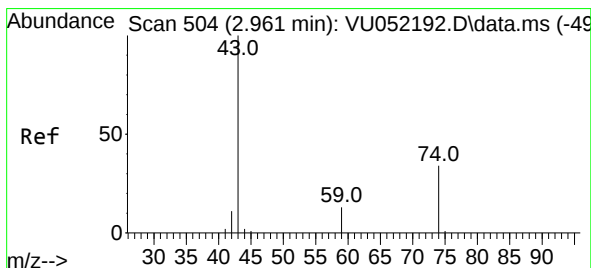
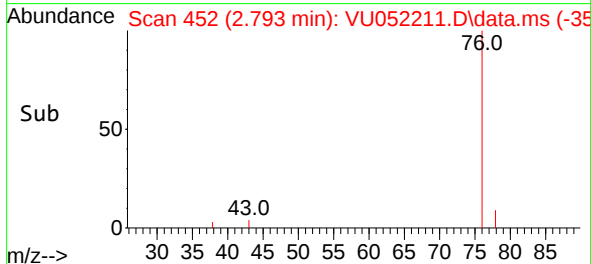
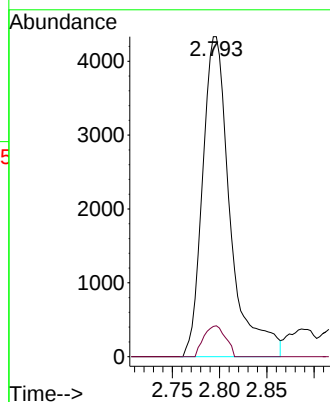
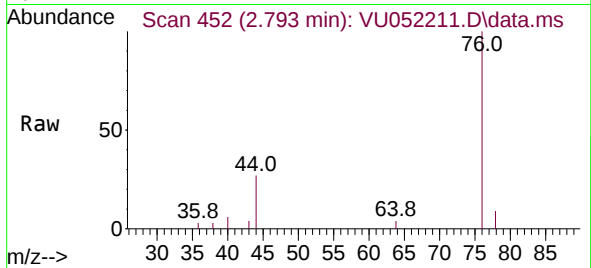




#14
Carbon disulfide
Concen: 0.175 ug/L
RT: 2.793 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU052211.D
Acq: 07 Dec 2022 21:06

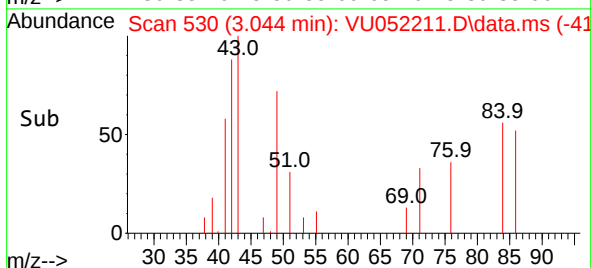
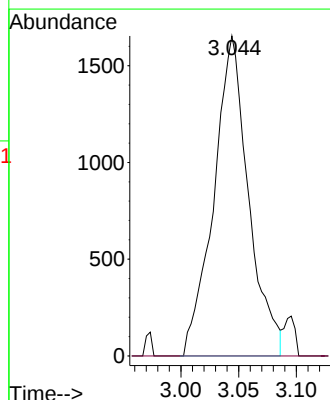
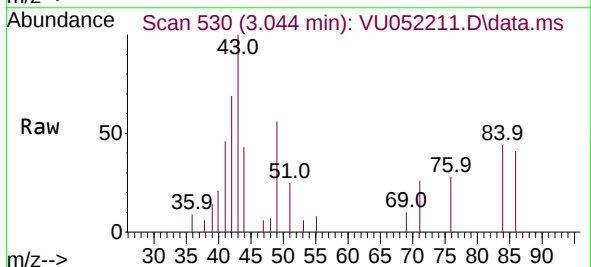
Instrument :
MSVOA_U
ClientSampleId :
F5N25

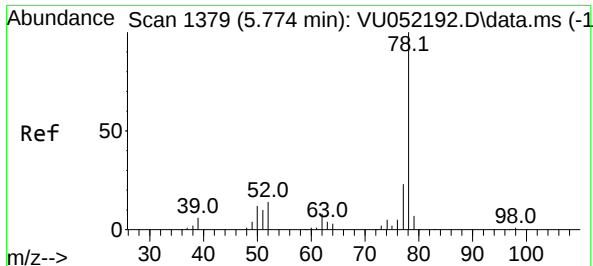
Tgt Ion: 76 Resp: 8825
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#15
Methyl Acetate
Concen: 0.555 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.083 min
Lab File: VU052211.D
Acq: 07 Dec 2022 21:06

Tgt Ion: 43 Resp: 3466
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#

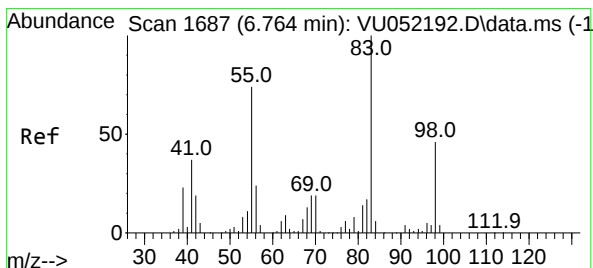
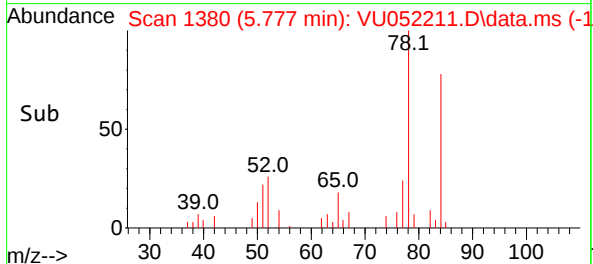
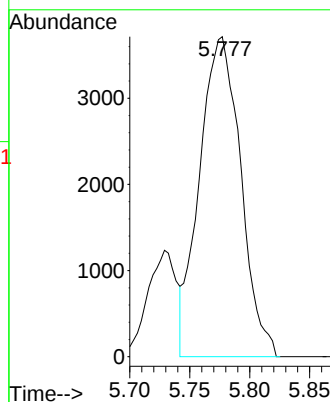
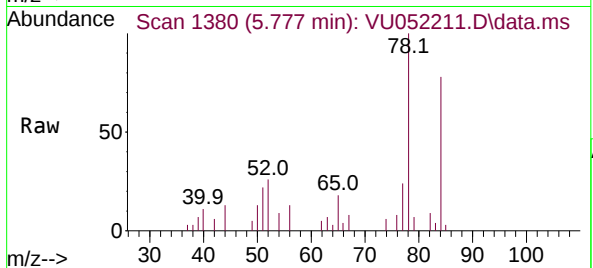




#33
Benzene
Concen: 0.134 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052211.D
Acq: 07 Dec 2022 21:06

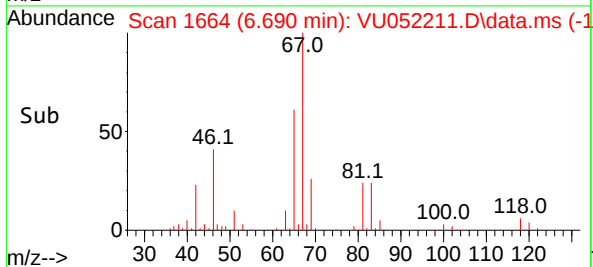
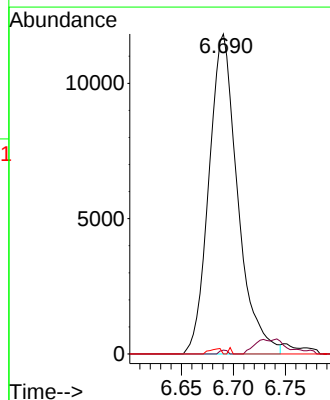
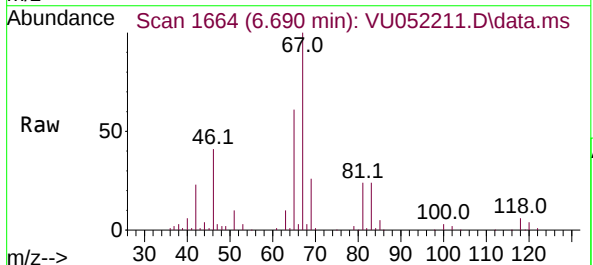
Instrument :
MSVOA_U
ClientSampleId :
F5N25

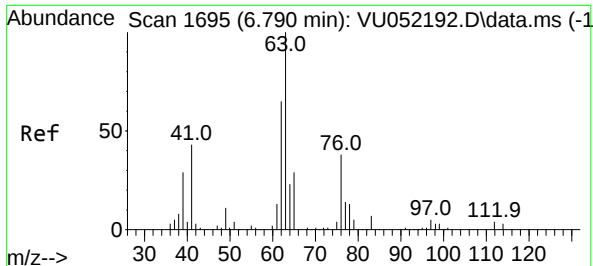
Tgt Ion: 78 Resp: 8862



#35
Methylcyclohexane
Concen: 0.952 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU052211.D
Acq: 07 Dec 2022 21:06

Tgt Ion: 83 Resp: 22678
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 0.7 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052211.D

Acq: 07 Dec 2022 21:06

Instrument :

MSVOA_U

ClientSampleId :

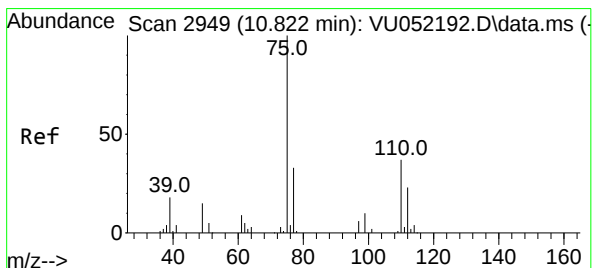
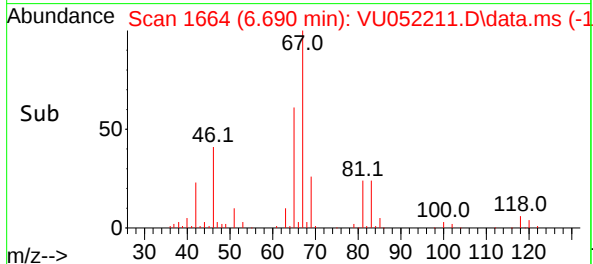
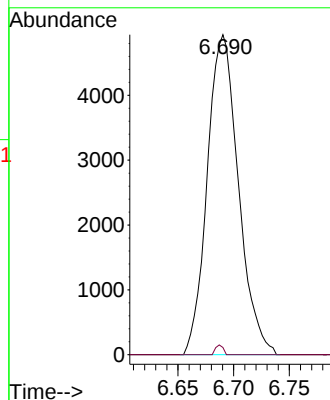
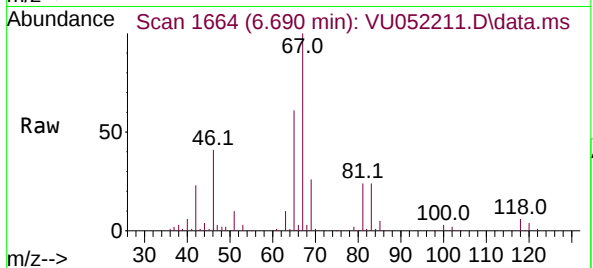
F5N25

Tgt Ion: 63 Resp: 9607

Ion Ratio Lower Upper

63 100

112 0.7 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.287 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU052211.D

Acq: 07 Dec 2022 21:06

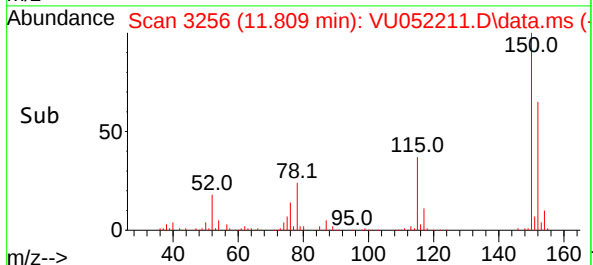
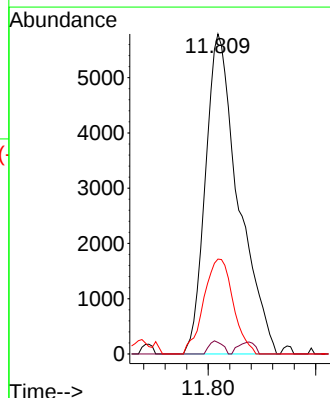
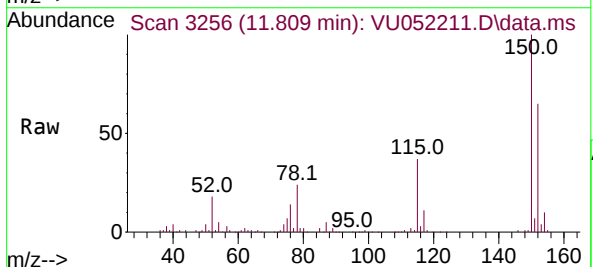
Tgt Ion: 75 Resp: 12309

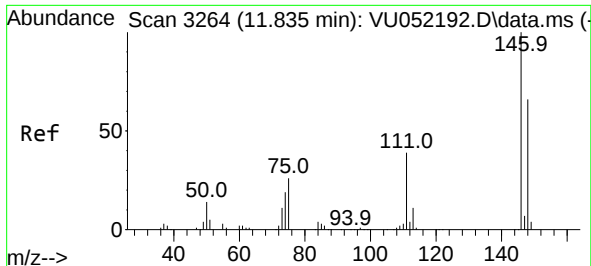
Ion Ratio Lower Upper

75 100

110 1.7 28.3 42.5#

77 26.4 26.2 39.2

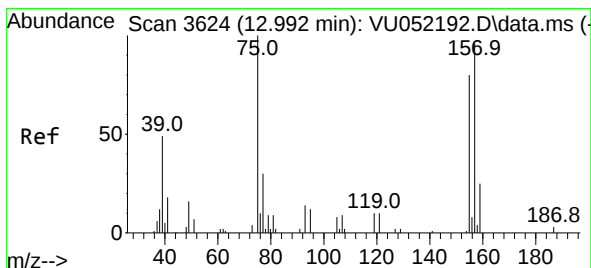
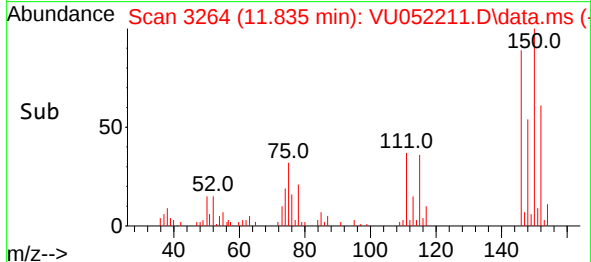
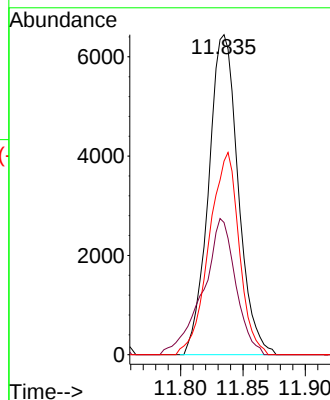
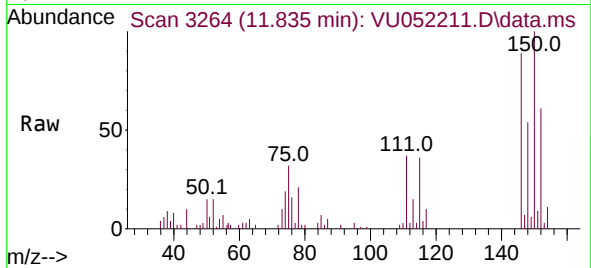




#65
1,4-Dichlorobenzene
Concen: 0.399 ug/L
RT: 11.835 min Scan# 3118
Delta R.T. -0.000 min
Lab File: VU052211.D
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Instrument :
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ClientSampleId :
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Tgt Ion:	146	Resp:	10667
Ion	Ratio	Lower	Upper
146	100		
111	41.3	26.9	50.1
148	60.5	45.1	83.7



#68
1,2-Dibromo-3-chloropropane
Concen: 0.245 ug/L
RT: 12.973 min Scan# 3618
Delta R.T. -0.019 min
Lab File: VU052211.D
Acq: 07 Dec 2022 21:06

Tgt Ion:	75	Resp:	512
Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.4	98.2#
157	39.5	80.5	120.7#

