

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052220.D
 Acq On : 08 Dec 2022 01:13
 Operator : JC/MD
 Sample : N5918-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EF4

Quant Time: Dec 08 04:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

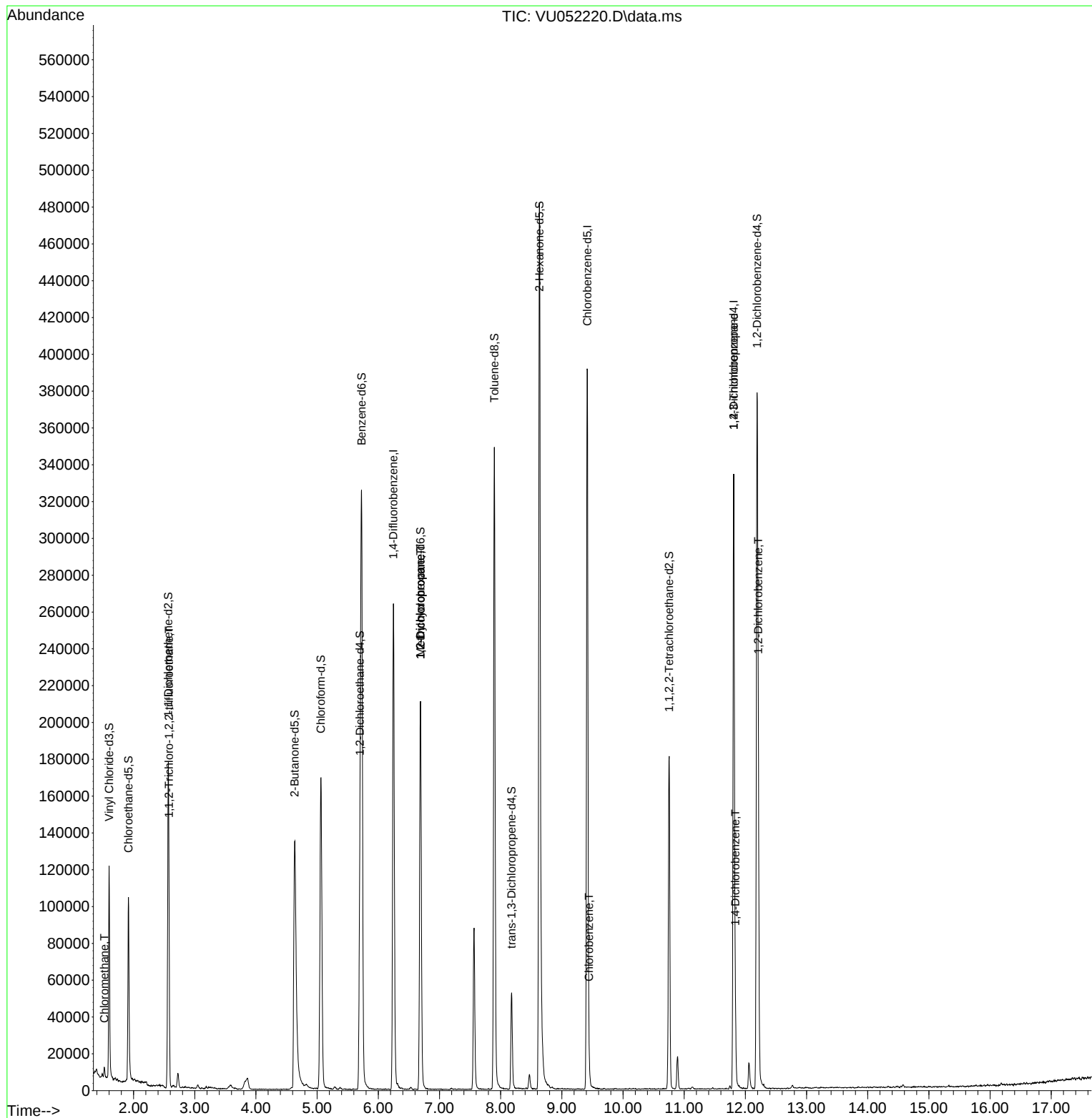
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	223204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	229223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	92069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	88012	4.054	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.916	69	77900	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.568	65	33869	4.352	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.633	46	227688	57.856	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.720%
24) Chloroform-d	5.060	84	162255	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.700	65	85734	5.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.726	84	323444	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.687	67	108684	5.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.896	98	247577	4.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.179	79	31788	4.142	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.633	63	167253	51.424	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.840%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	94516	5.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	94532	5.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.524	50	4186	0.166	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	871	0.053	ug/L #	20
35) Methylcyclohexane	6.691	83	24282	0.907	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10508	0.544	ug/L #	88
51) Chlorobenzene	9.443	112	4551	0.093	ug/L	89
61) 1,2,3-Trichloropropane	11.809	75	16507	1.567	ug/L #	63
65) 1,4-Dichlorobenzene	11.835	146	18608	0.632	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	69399	2.440	ug/L	99

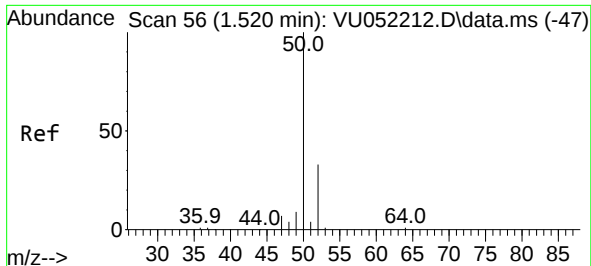
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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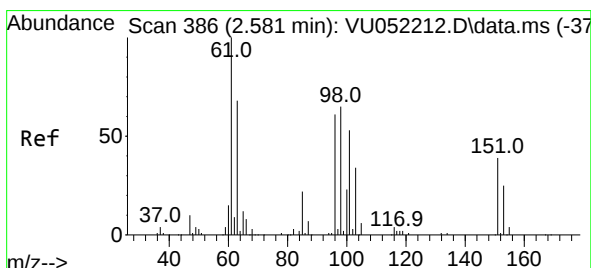
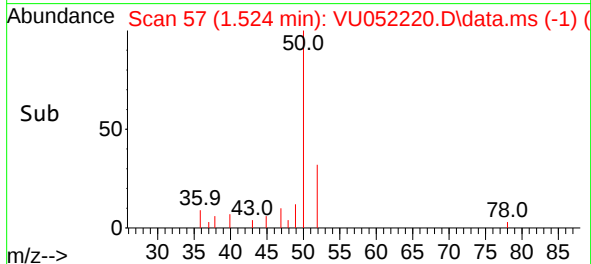
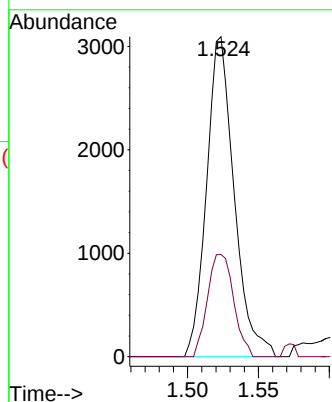
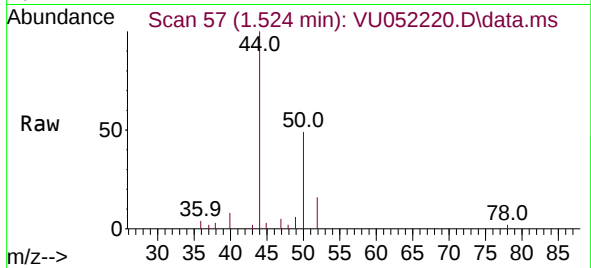




#3
Chloromethane
Concen: 0.166 ug/L
RT: 1.524 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052220.D
Acq: 08 Dec 2022 01:13

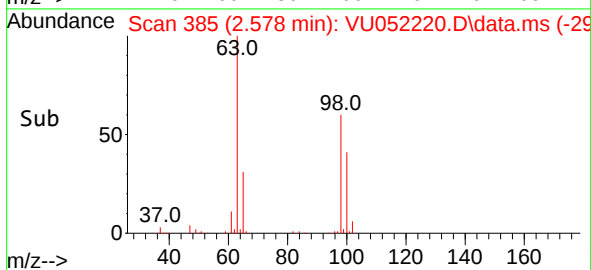
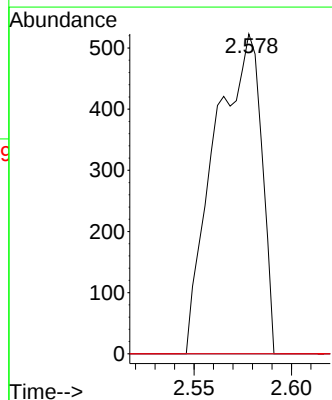
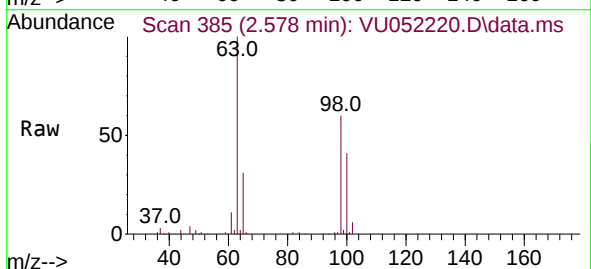
Instrument :
MSVOA_U
ClientSampleId :
C0EF4

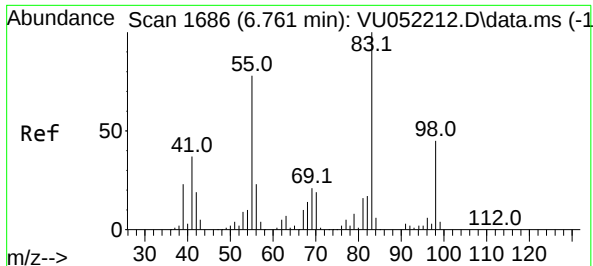
Tgt Ion: 50 Resp: 4186
Ion Ratio Lower Upper
50 100
52 32.0 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052220.D
Acq: 08 Dec 2022 01:13

Tgt Ion: 101 Resp: 871
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#

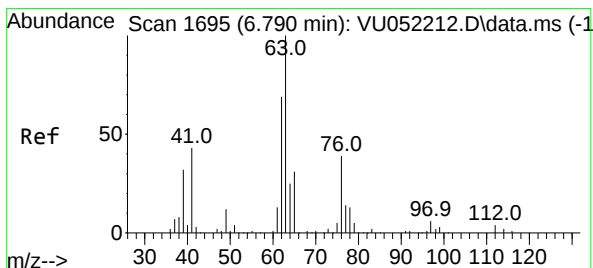
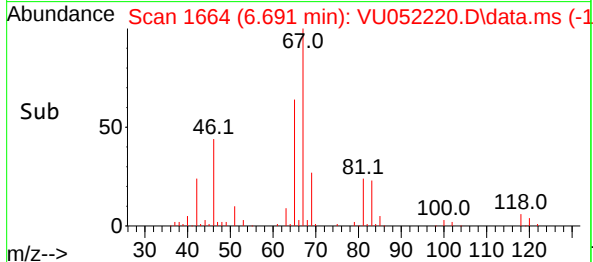
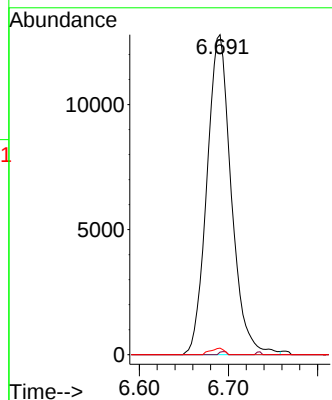
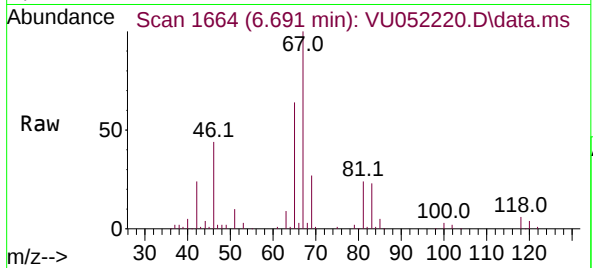




#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052220.D
Acq: 08 Dec 2022 01:13

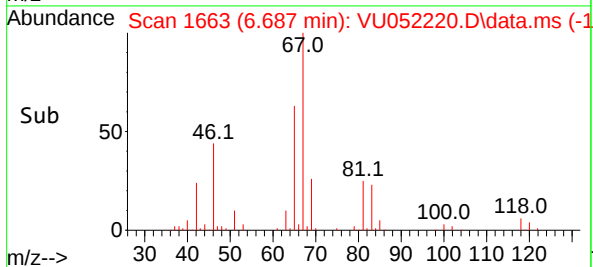
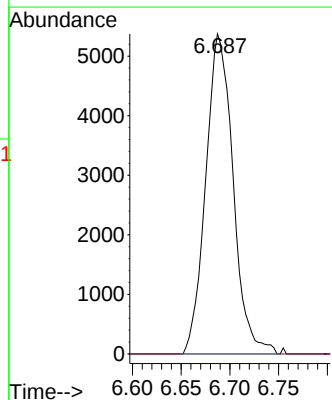
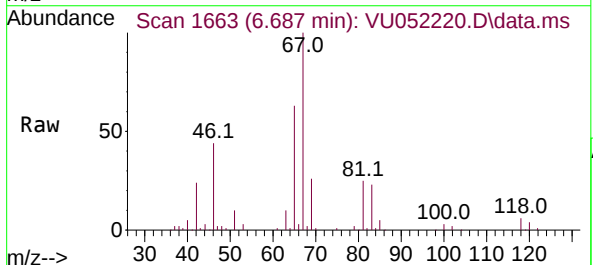
Instrument :
MSVOA_U
ClientSampleId :
C0EF4

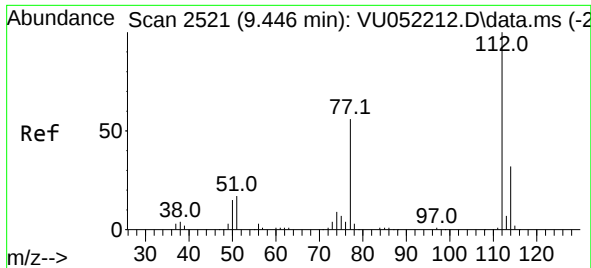
Tgt Ion: 83 Resp: 24282
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 1.1 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052220.D
Acq: 08 Dec 2022 01:13

Tgt Ion: 63 Resp: 10508
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

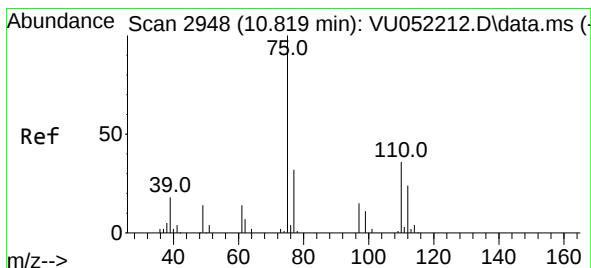
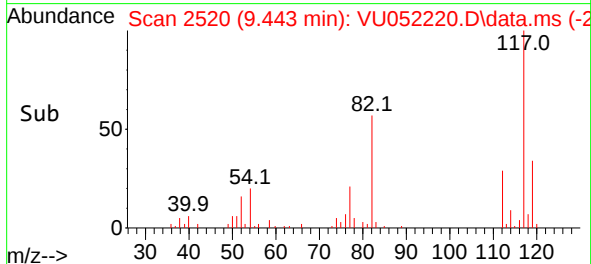
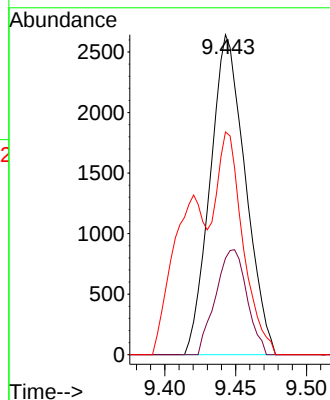
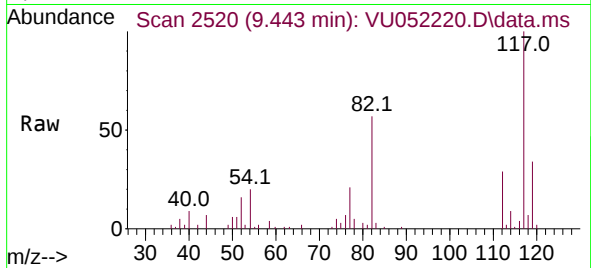




#51
Chlorobenzene
Concen: 0.093 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052220.D
Acq: 08 Dec 2022 01:13

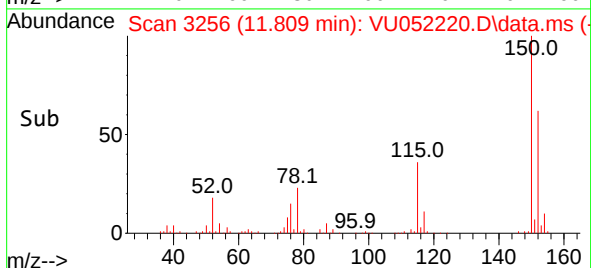
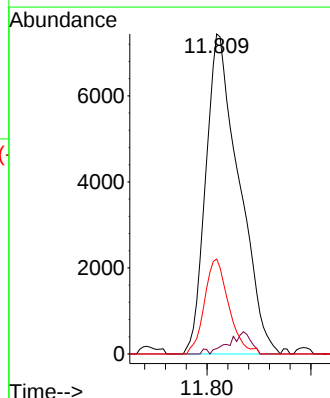
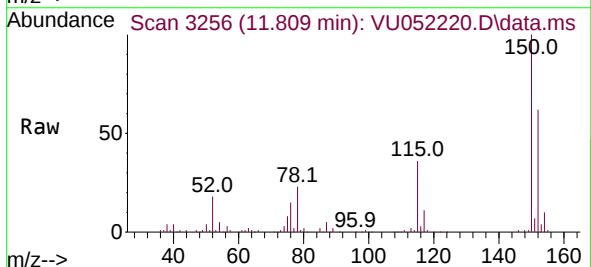
Instrument :
MSVOA_U
ClientSampleId :
C0EF4

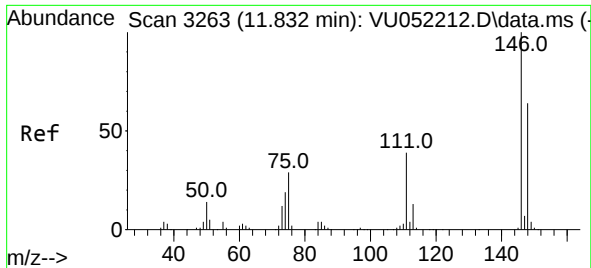
Tgt Ion:112 Resp: 4551
Ion Ratio Lower Upper
112 100
114 30.2 22.2 41.2
77 69.6 46.6 70.0



#61
1,2,3-Trichloropropane
Concen: 1.567 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052220.D
Acq: 08 Dec 2022 01:13

Tgt Ion: 75 Resp: 16507
Ion Ratio Lower Upper
75 100
110 4.4 28.3 42.5#
77 21.7 26.2 39.2#

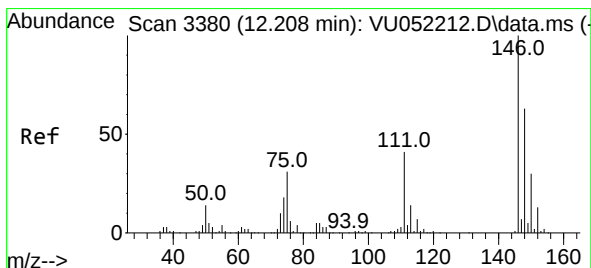
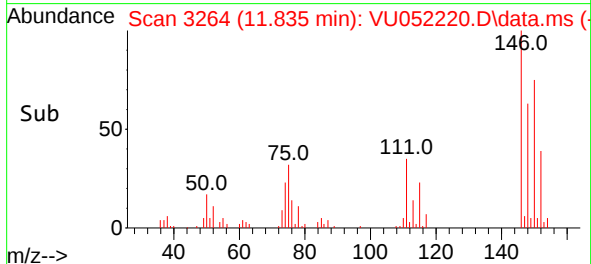
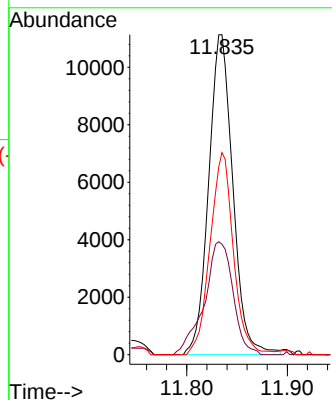
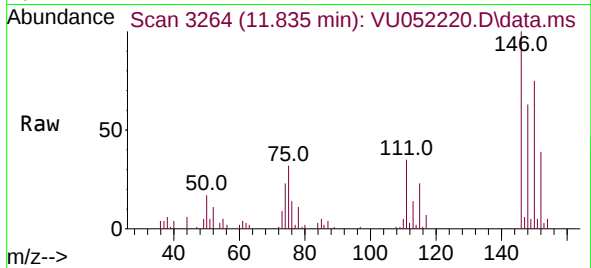




#65
1,4-Dichlorobenzene
Concen: 0.632 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052220.D
Acq: 08 Dec 2022 01:13

Instrument :
MSVOA_U
ClientSampleId :
C0EF4

Tgt Ion:146 Resp: 18608
Ion Ratio Lower Upper
146 100
111 34.5 26.9 50.1
148 63.2 45.1 83.7



#67
1,2-Dichlorobenzene
Concen: 2.440 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU052220.D
Acq: 08 Dec 2022 01:13

Tgt Ion:146 Resp: 69399
Ion Ratio Lower Upper
146 100
111 39.6 32.7 49.1
148 62.4 50.6 75.8

