

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051232.D
 Acq On : 07 Oct 2022 21:02
 Operator : JC/MD
 Sample : N4872-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFX5

Quant Time: Oct 08 04:29:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:50:53 2022
 Response via : Initial Calibration

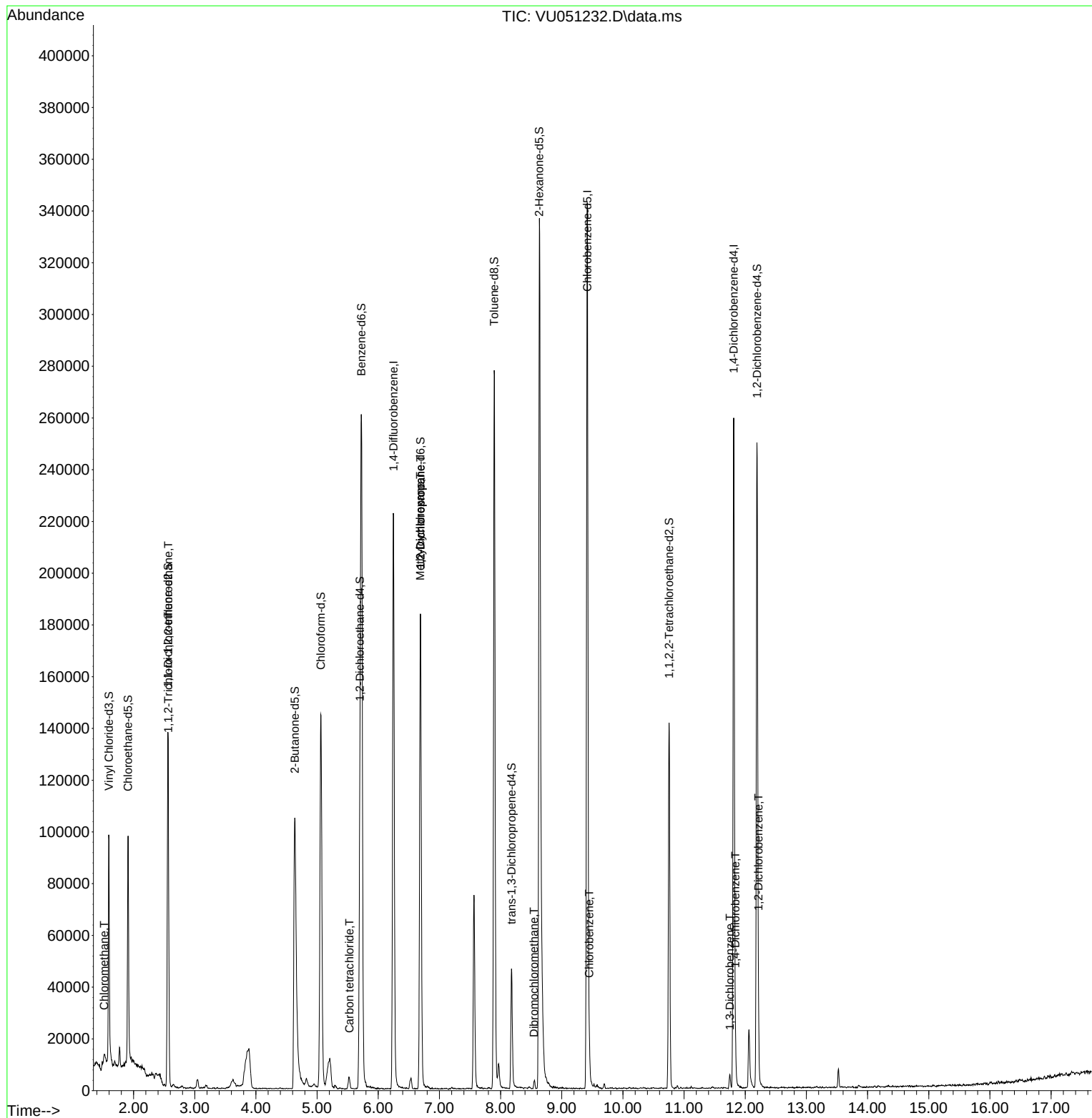
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	178033	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	193693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	67227	4.681	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.600%	
7) Chloroethane-d5	1.909	69	61481	4.983	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.562	65	25751	4.536	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.800%	
20) 2-Butanone-d5	4.636	46	175018	55.354	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.700%	
24) Chloroform-d	5.060	84	137779	5.146	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
26) 1,2-Dichloroethane-d4	5.700	65	74702	5.410	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.200%	
32) Benzene-d6	5.726	84	244640	4.591	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.690	67	90177	4.983	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.896	98	189974	3.985	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	8.179	79	26848	4.516	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.632	63	95365	47.593	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.180%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	72994	5.049	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	63532	5.411	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						
3) Chloromethane	1.520	50	2979	0.146	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	803	0.058	ug/L #	21
31) Carbon tetrachloride	5.526	117	3191	0.162	ug/L	97
35) Methylcyclohexane	6.687	83	20938	1.029	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9528	0.538	ug/L #	89
49) Dibromochloromethane	8.546	129	714	0.051	ug/L #	11
51) Chlorobenzene	9.449	112	7586	0.185	ug/L	95
64) 1,3-Dichlorobenzene	11.748	146	2300	0.109	ug/L	93
65) 1,4-Dichlorobenzene	11.838	146	5918	0.284	ug/L	90
67) 1,2-Dichlorobenzene	12.214	146	6288	0.306	ug/L	98

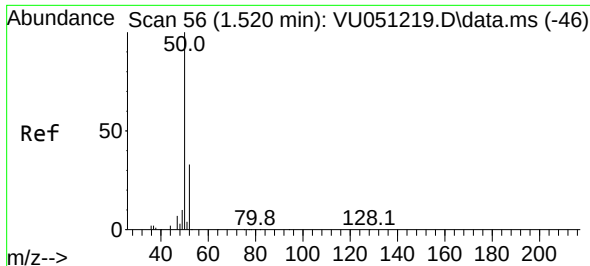
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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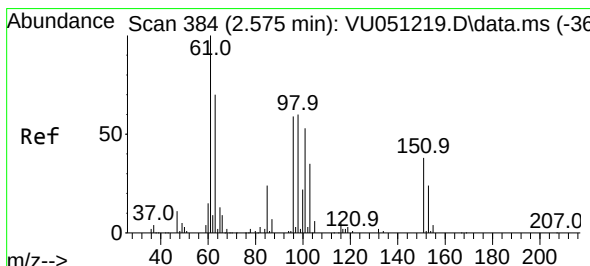
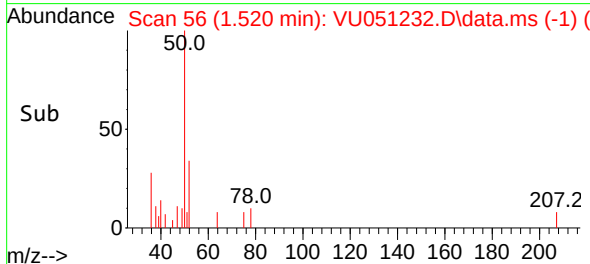
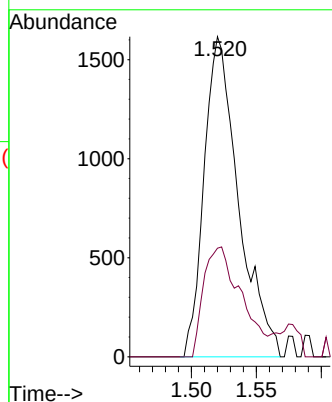
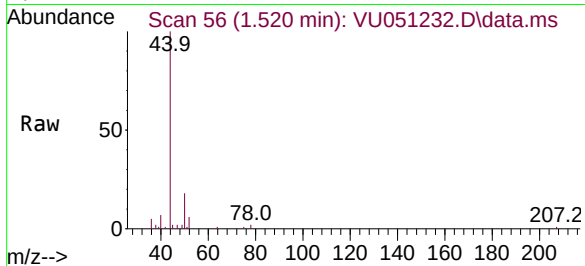




#3
Chloromethane
Concen: 0.146 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU051232.D
Acq: 07 Oct 2022 21:02

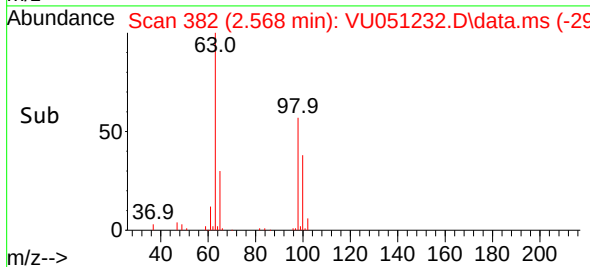
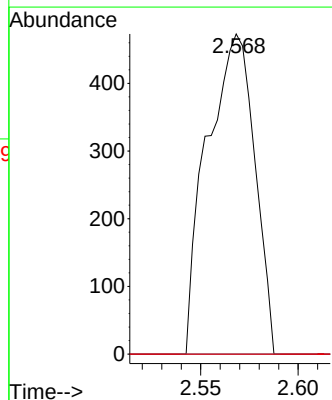
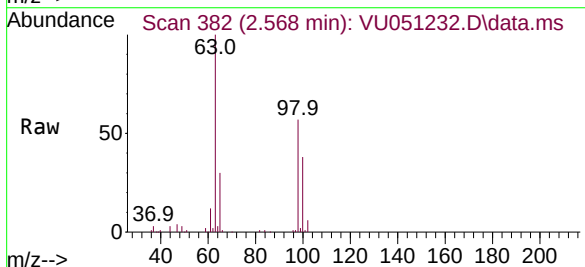
Instrument :
MSVOA_U
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EXFX5

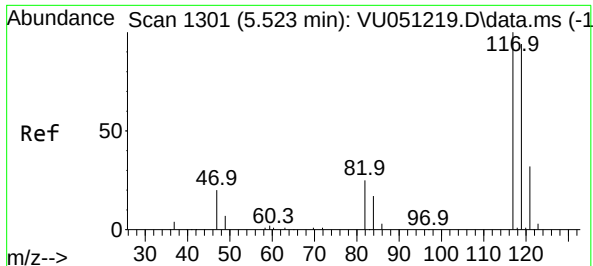
Tgt Ion: 50 Resp: 2979
Ion Ratio Lower Upper
50 100
52 33.9 22.9 42.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.006 min
Lab File: VU051232.D
Acq: 07 Oct 2022 21:02

Tgt Ion: 101 Resp: 803
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#

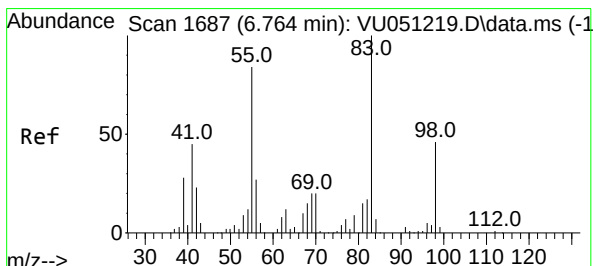
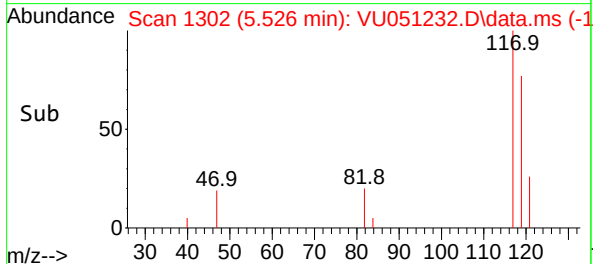
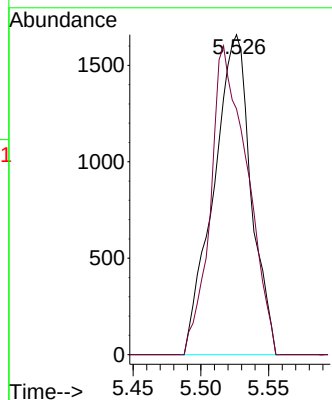
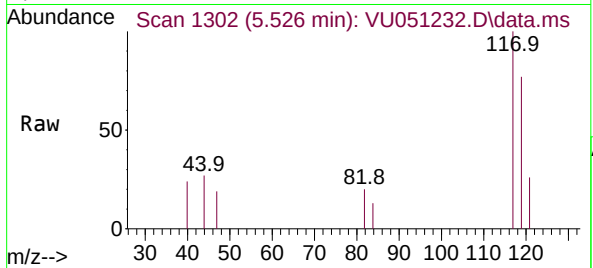




#31
Carbon tetrachloride
Concen: 0.162 ug/L
RT: 5.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051232.D
Acq: 07 Oct 2022 21:02

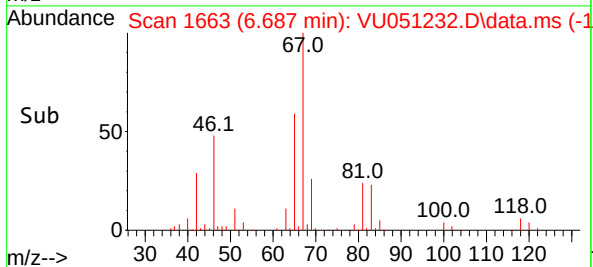
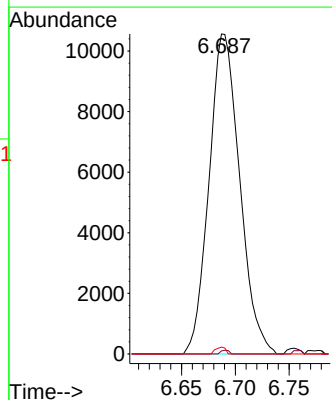
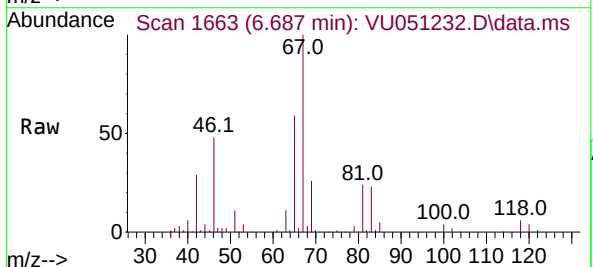
Instrument :
MSVOA_U
ClientSampleId :
EXFX5

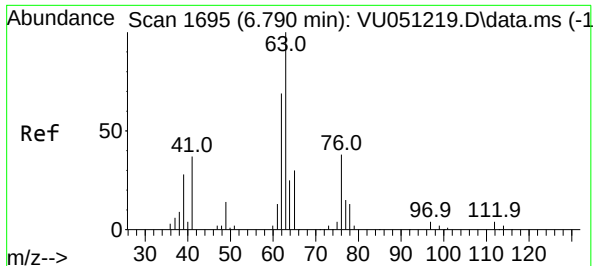
Tgt Ion:117 Resp: 3191
Ion Ratio Lower Upper
117 100
119 94.6 78.4 117.6



#35
Methylcyclohexane
Concen: 1.029 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU051232.D
Acq: 07 Oct 2022 21:02

Tgt Ion: 83 Resp: 20938
Ion Ratio Lower Upper
83 100
55 0.3 65.8 98.6#
98 0.7 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.538 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051232.D

Acq: 07 Oct 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

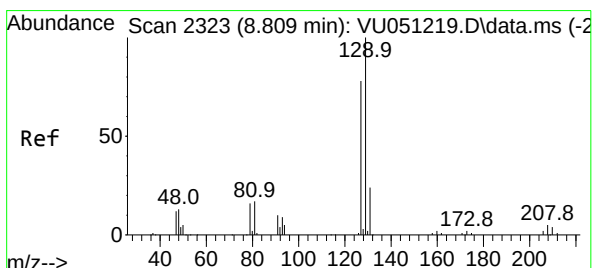
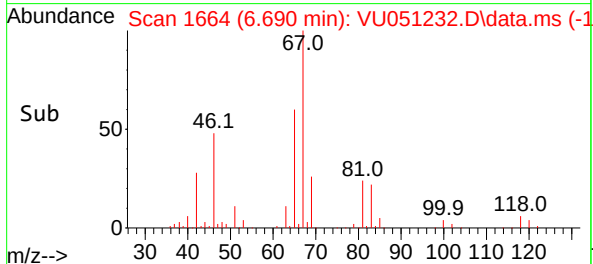
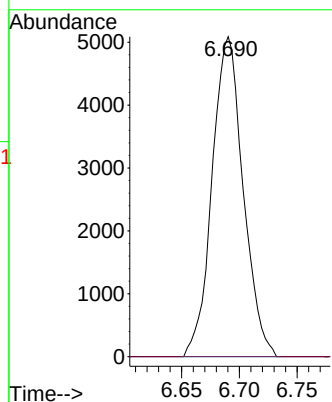
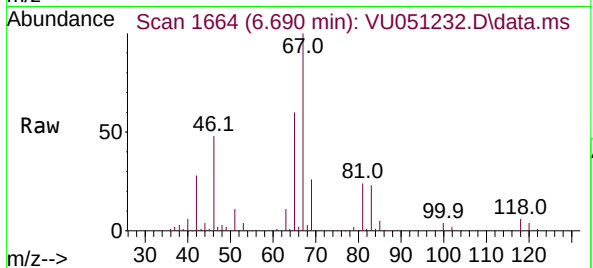
EXFX5

Tgt Ion: 63 Resp: 9528

Ion Ratio Lower Upper

63 100

112 0.5 3.2 4.8#



#49

Dibromochloromethane

Concen: 0.051 ug/L

RT: 8.546 min Scan# 2241

Delta R.T. -0.264 min

Lab File: VU051232.D

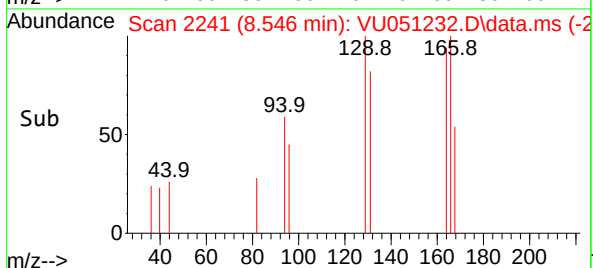
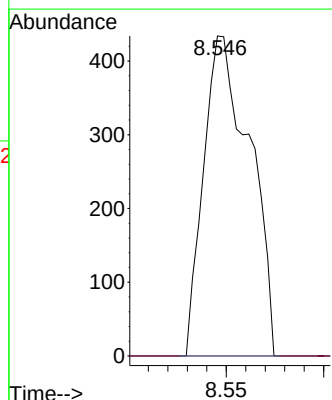
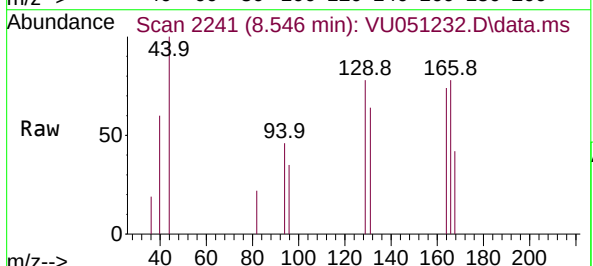
Acq: 07 Oct 2022 21:02

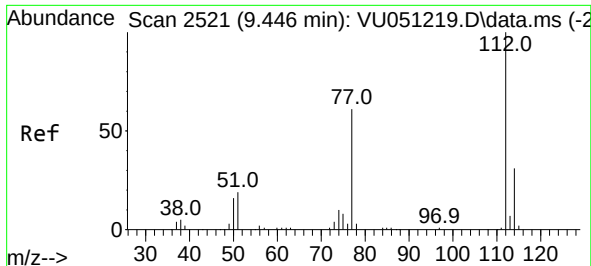
Tgt Ion: 129 Resp: 714

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

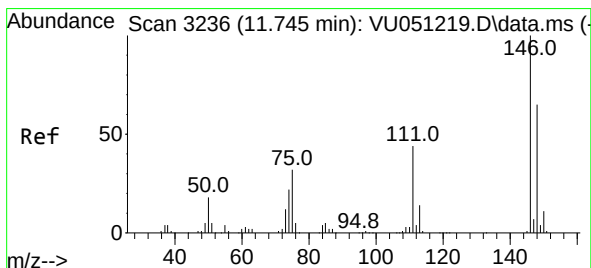
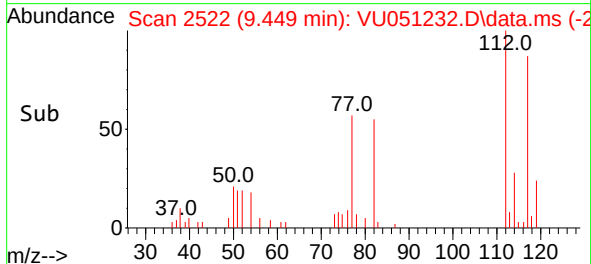
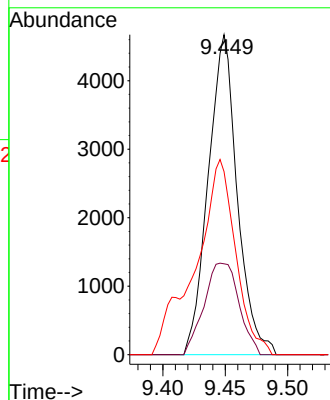
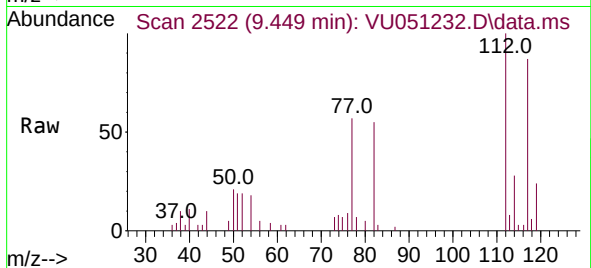




#51
Chlorobenzene
Concen: 0.185 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051232.D
Acq: 07 Oct 2022 21:02

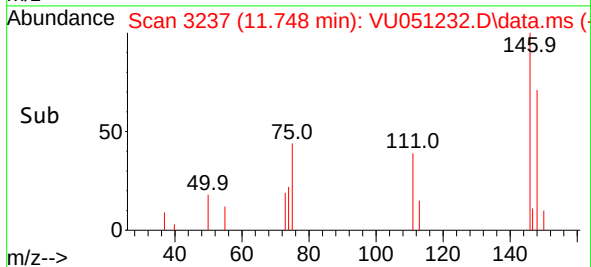
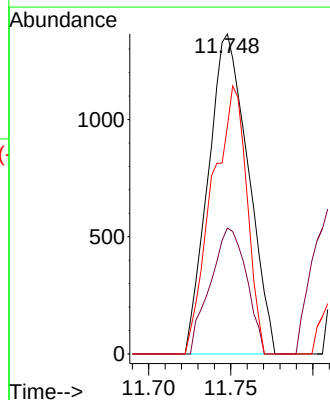
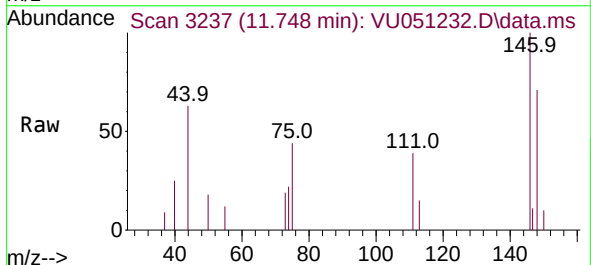
Instrument :
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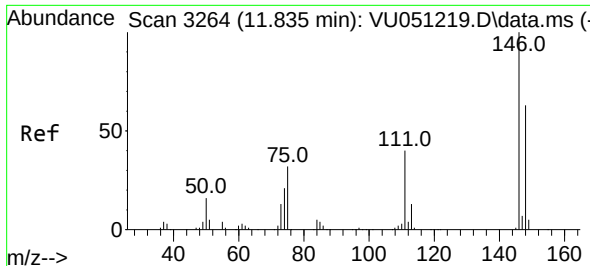
Tgt Ion:112 Resp: 7586
Ion Ratio Lower Upper
112 100
114 28.4 22.3 41.5
77 57.2 48.1 72.1



#64
1,3-Dichlorobenzene
Concen: 0.109 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU051232.D
Acq: 07 Oct 2022 21:02

Tgt Ion:146 Resp: 2300
Ion Ratio Lower Upper
146 100
111 39.3 28.3 52.7
148 71.1 43.8 81.4

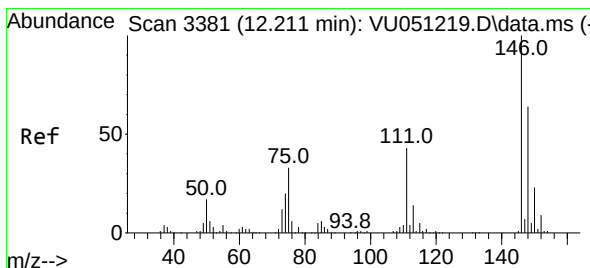
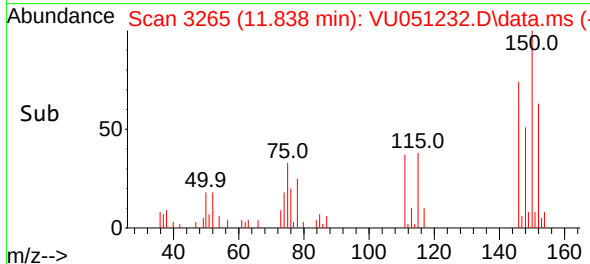
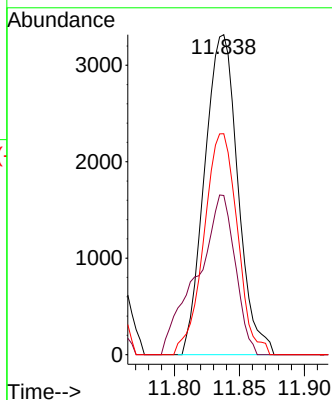
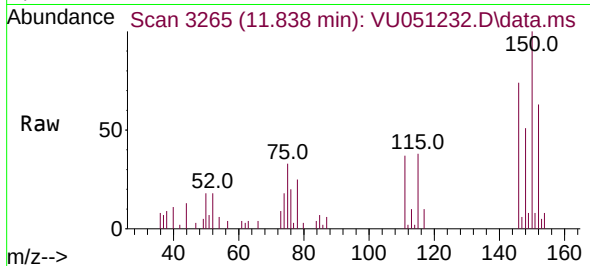




#65
1,4-Dichlorobenzene
Concen: 0.284 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051232.D
Acq: 07 Oct 2022 21:02

Instrument :
MSVOA_U
ClientSampleId :
EXFX5

Tgt Ion:146 Resp: 5918
Ion Ratio Lower Upper
146 100
111 49.7 29.1 54.1
148 69.1 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 0.306 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU051232.D
Acq: 07 Oct 2022 21:02

Tgt Ion:146 Resp: 6288
Ion Ratio Lower Upper
146 100
111 45.5 35.5 53.3
148 61.8 50.9 76.3

