

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051228.D
 Acq On : 07 Oct 2022 19:23
 Operator : JC/MD
 Sample : N4872-06DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFX0DL

Quant Time: Oct 08 04:28:13 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)

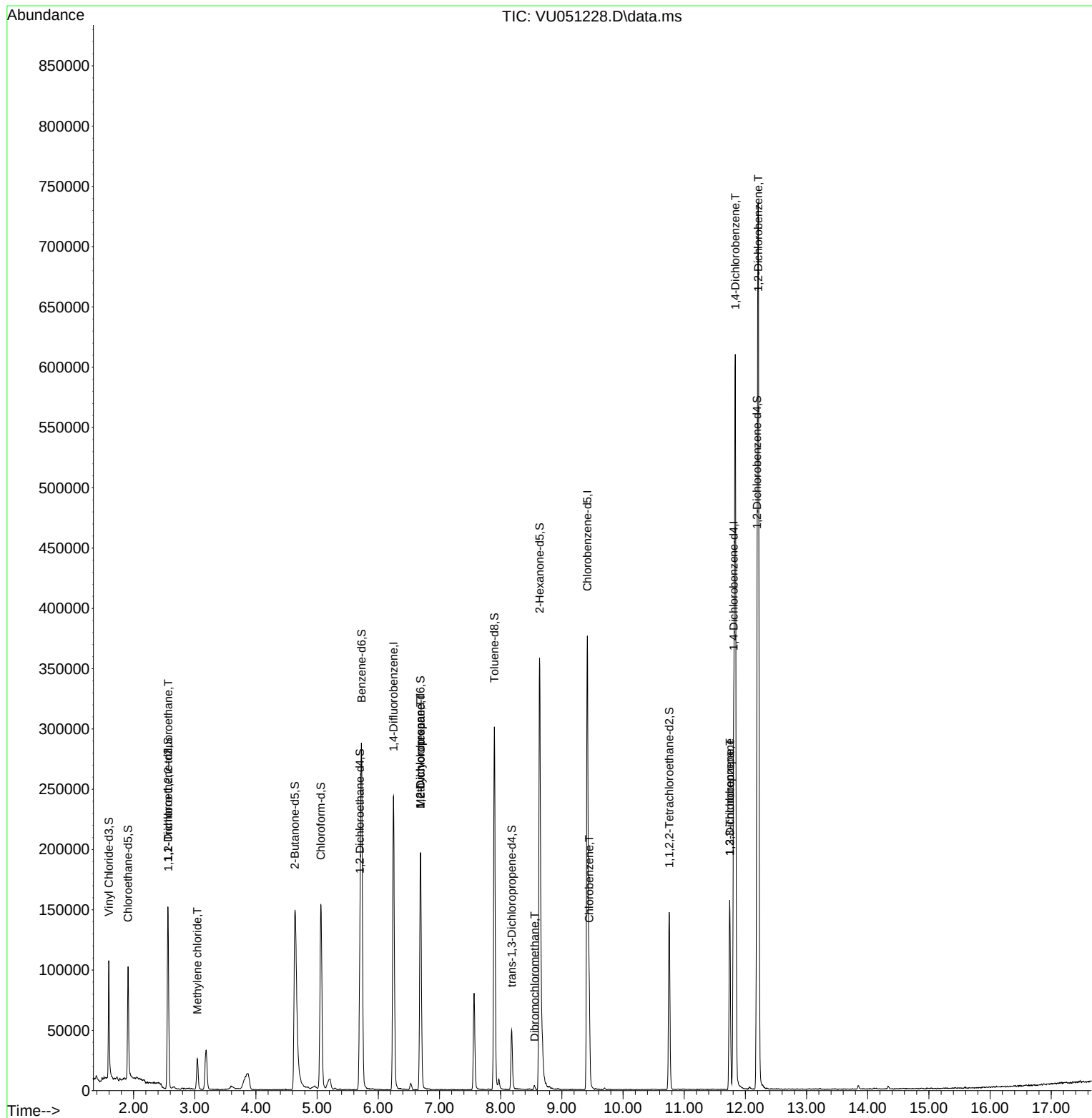
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	191143	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	208685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	80129	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	73325	4.756	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.909	69	68293	5.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.562	65	28093	4.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.636	46	188887	55.643	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.280%
24) Chloroform-d	5.060	84	146651	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.700	65	77447	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.726	84	267749	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.690	67	95494	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.896	98	204569	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.182	79	28681	4.478	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.636	63	100640	46.617	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.240%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	74886	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	76387	5.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	816	0.055	ug/L #	21
16) Methylene chloride	3.041	84	12225	0.594	ug/L	97
35) Methylcyclohexane	6.690	83	21723	0.991	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9720	0.509	ug/L #	89
49) Dibromochloromethane	8.555	129	793	0.053	ug/L #	11
51) Chlorobenzene	9.446	112	45232	1.024	ug/L	98
61) 1,2,3-Trichloropropane	11.745	75	20526	2.029	ug/L #	50
64) 1,3-Dichlorobenzene	11.745	146	63916	2.546	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	229496	9.275	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	262072	10.738	ug/L	99

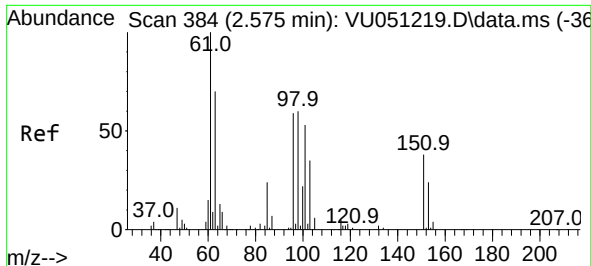
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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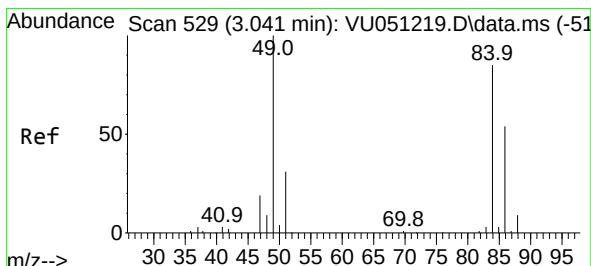
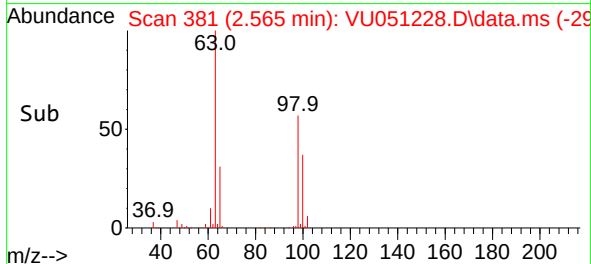
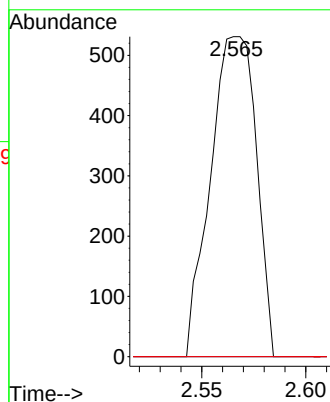
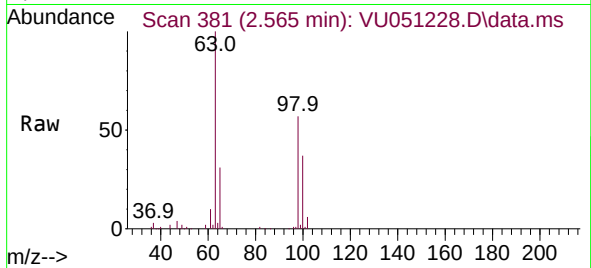




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.565 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU051228.D
Acq: 07 Oct 2022 19:23

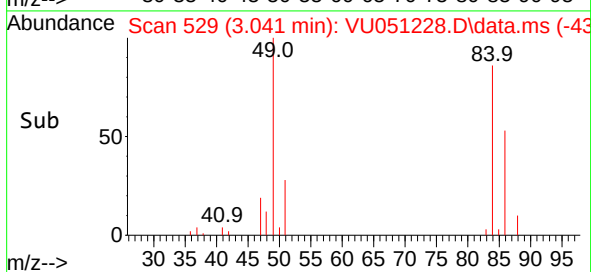
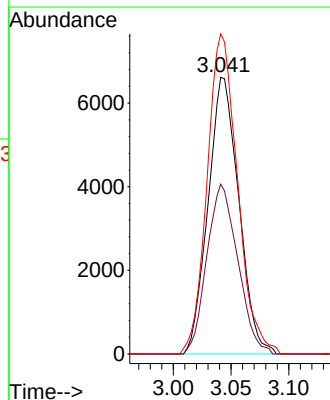
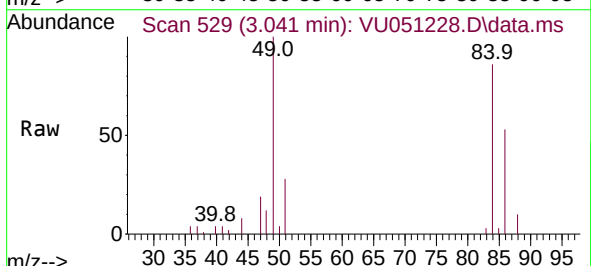
Instrument :
MSVOA_U
ClientSampleId :
EXFX0DL

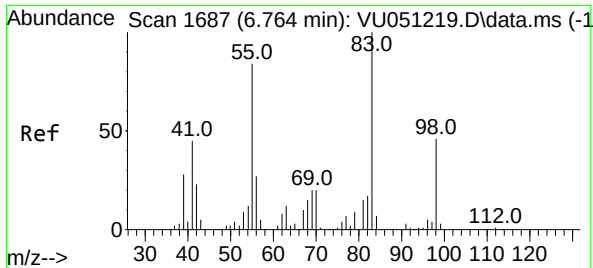
Tgt Ion:101 Resp: 816
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#16
Methylene chloride
Concen: 0.594 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051228.D
Acq: 07 Oct 2022 19:23

Tgt Ion: 84 Resp: 12225
Ion Ratio Lower Upper
84 100
86 61.4 46.5 86.3
49 115.7 81.3 151.1

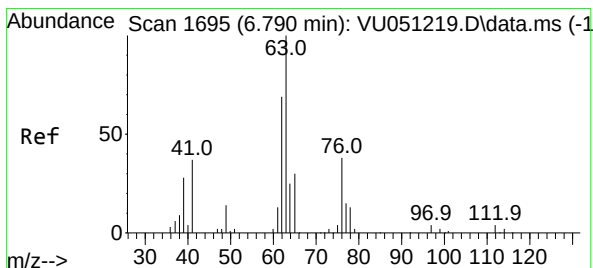
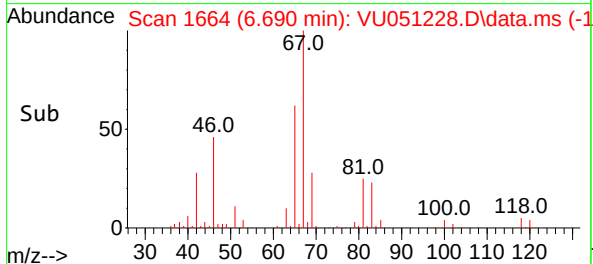
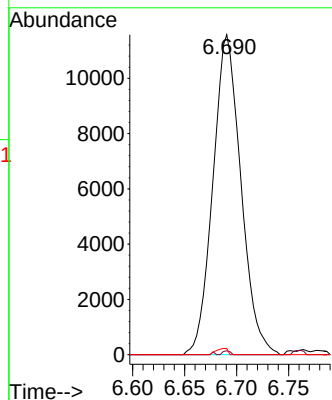
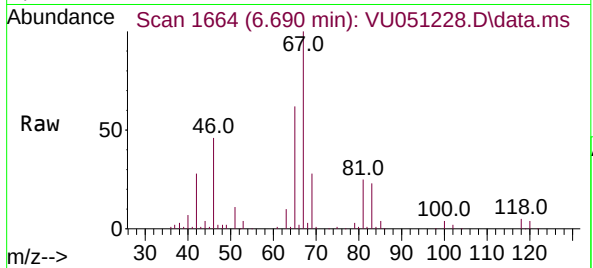




#35
Methylcyclohexane
Concen: 0.991 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU051228.D
Acq: 07 Oct 2022 19:23

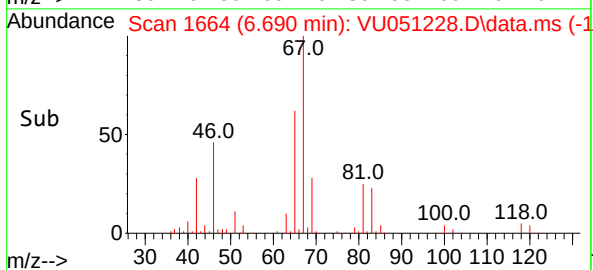
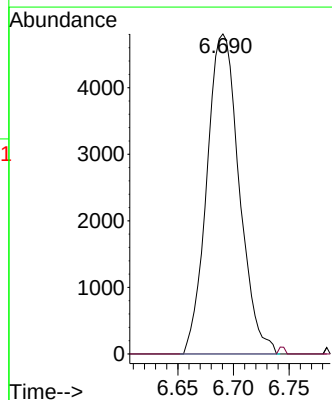
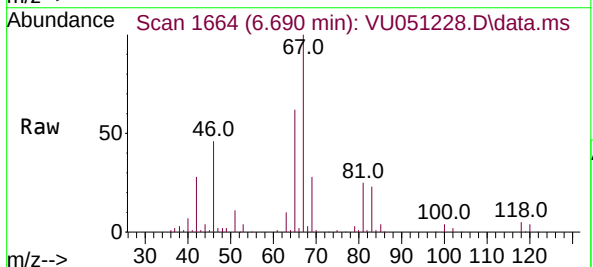
Instrument :
MSVOA_U
ClientSampleId :
EXFX0DL

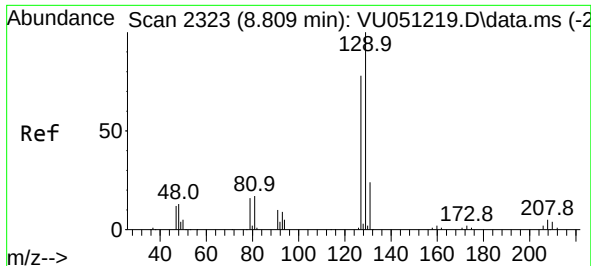
Tgt Ion: 83 Resp: 21723
Ion Ratio Lower Upper
83 100
55 0.3 65.8 98.6#
98 0.8 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051228.D
Acq: 07 Oct 2022 19:23

Tgt Ion: 63 Resp: 9720
Ion Ratio Lower Upper
63 100
112 0.4 3.2 4.8#

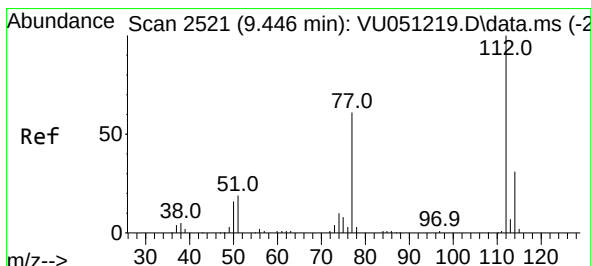
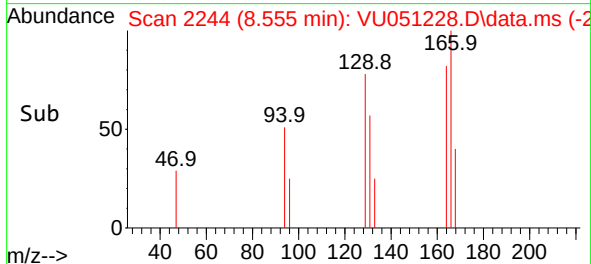
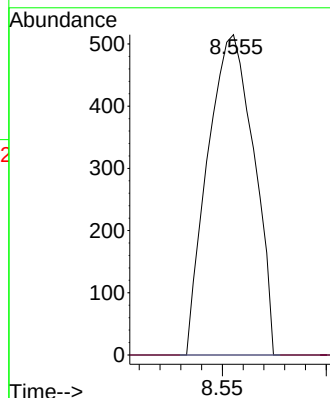
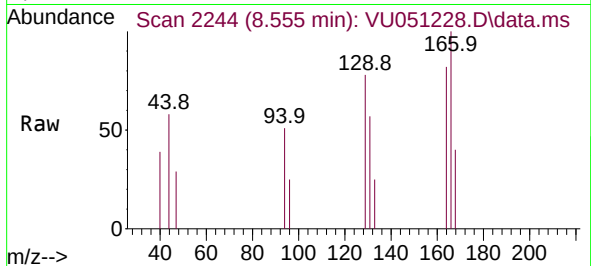




#49
Dibromochloromethane
Concen: 0.053 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU051228.D
Acq: 07 Oct 2022 19:23

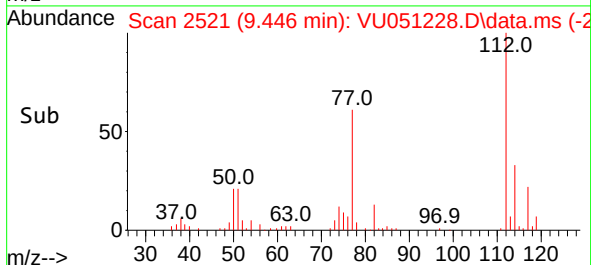
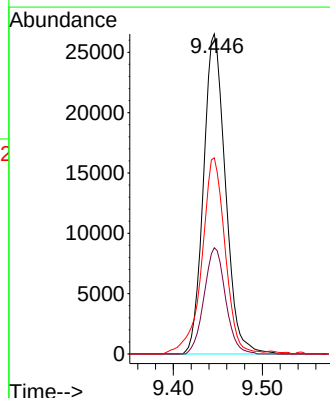
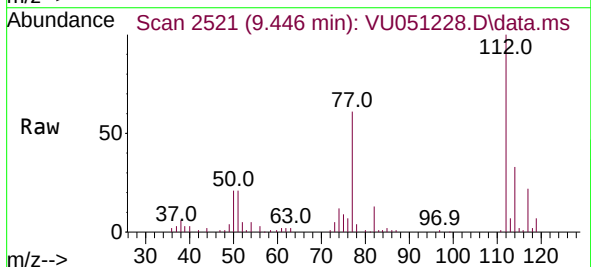
Instrument :
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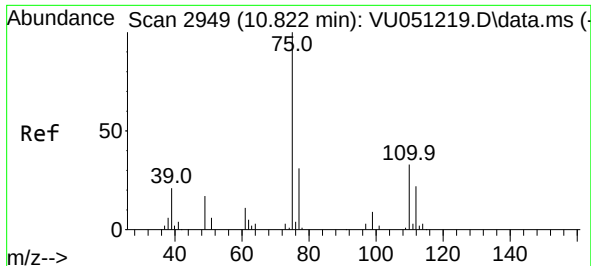
Tgt Ion:129 Resp: 793
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#51
Chlorobenzene
Concen: 1.024 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051228.D
Acq: 07 Oct 2022 19:23

Tgt Ion:112 Resp: 45232
Ion Ratio Lower Upper
112 100
114 33.2 22.3 41.5
77 61.3 48.1 72.1

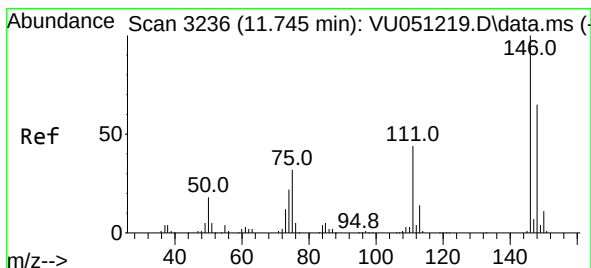
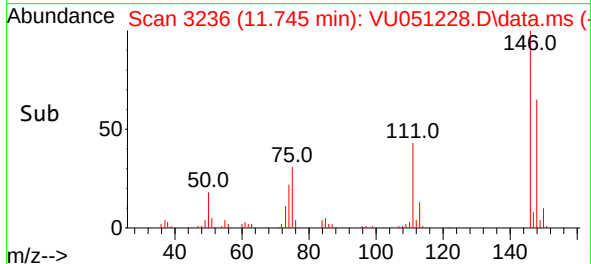
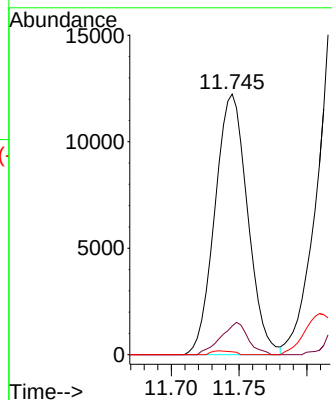
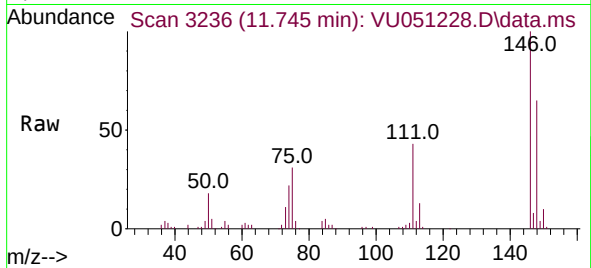




#61
1,2,3-Trichloropropane
Concen: 2.029 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.923 min
Lab File: VU051228.D
Acq: 07 Oct 2022 19:23

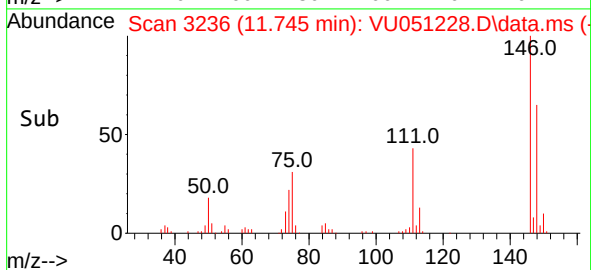
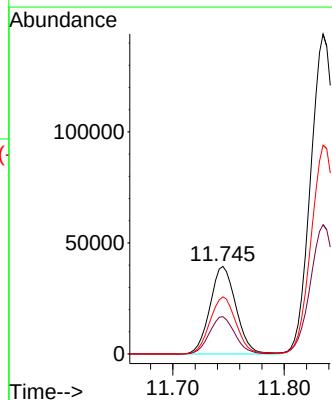
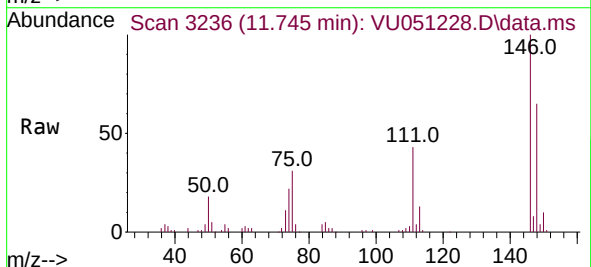
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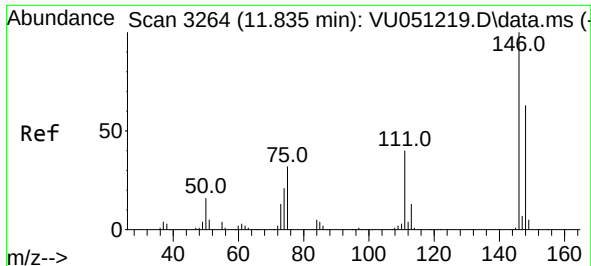
Tgt Ion: 75 Resp: 20526
Ion Ratio Lower Upper
75 100
110 10.3 27.0 40.6#
77 0.0 26.4 39.6#



#64
1,3-Dichlorobenzene
Concen: 2.546 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU051228.D
Acq: 07 Oct 2022 19:23

Tgt Ion:146 Resp: 63916
Ion Ratio Lower Upper
146 100
111 42.6 28.3 52.7
148 65.3 43.8 81.4

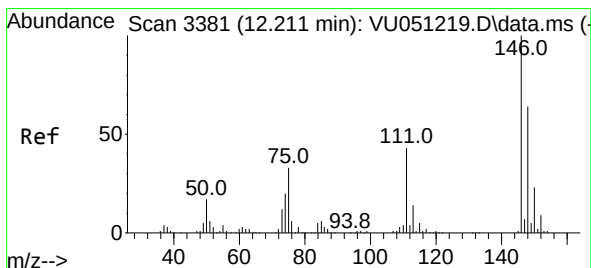
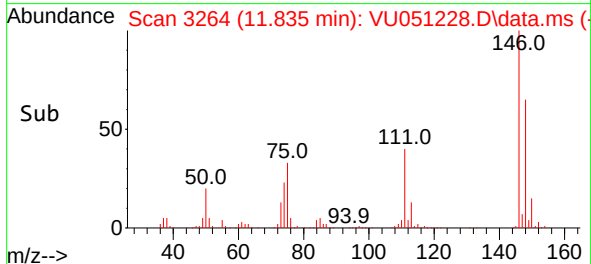
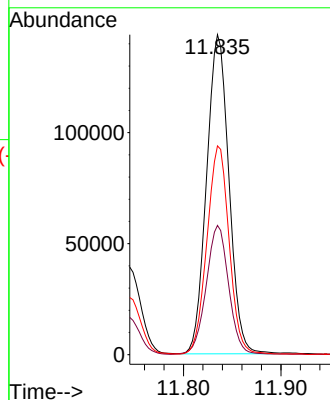
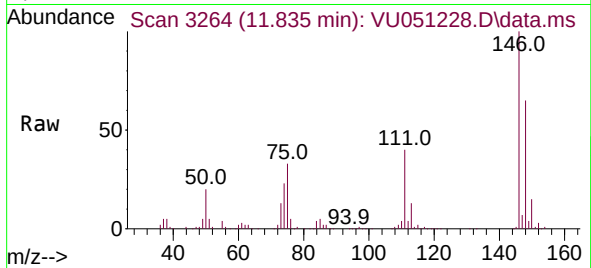




#65
1,4-Dichlorobenzene
Concen: 9.275 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051228.D
Acq: 07 Oct 2022 19:23

Instrument :
MSVOA_U
ClientSampleId :
EXFX0DL

Tgt Ion:146 Resp: 229496
Ion Ratio Lower Upper
146 100
111 40.4 29.1 54.1
148 65.2 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 10.738 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051228.D
Acq: 07 Oct 2022 19:23

Tgt Ion:146 Resp: 262072
Ion Ratio Lower Upper
146 100
111 44.0 35.5 53.3
148 64.7 50.9 76.3

