

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051229.D
 Acq On : 07 Oct 2022 19:48
 Operator : JC/MD
 Sample : N4872-08DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFX2DL

Quant Time: Oct 08 04:28:25 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)

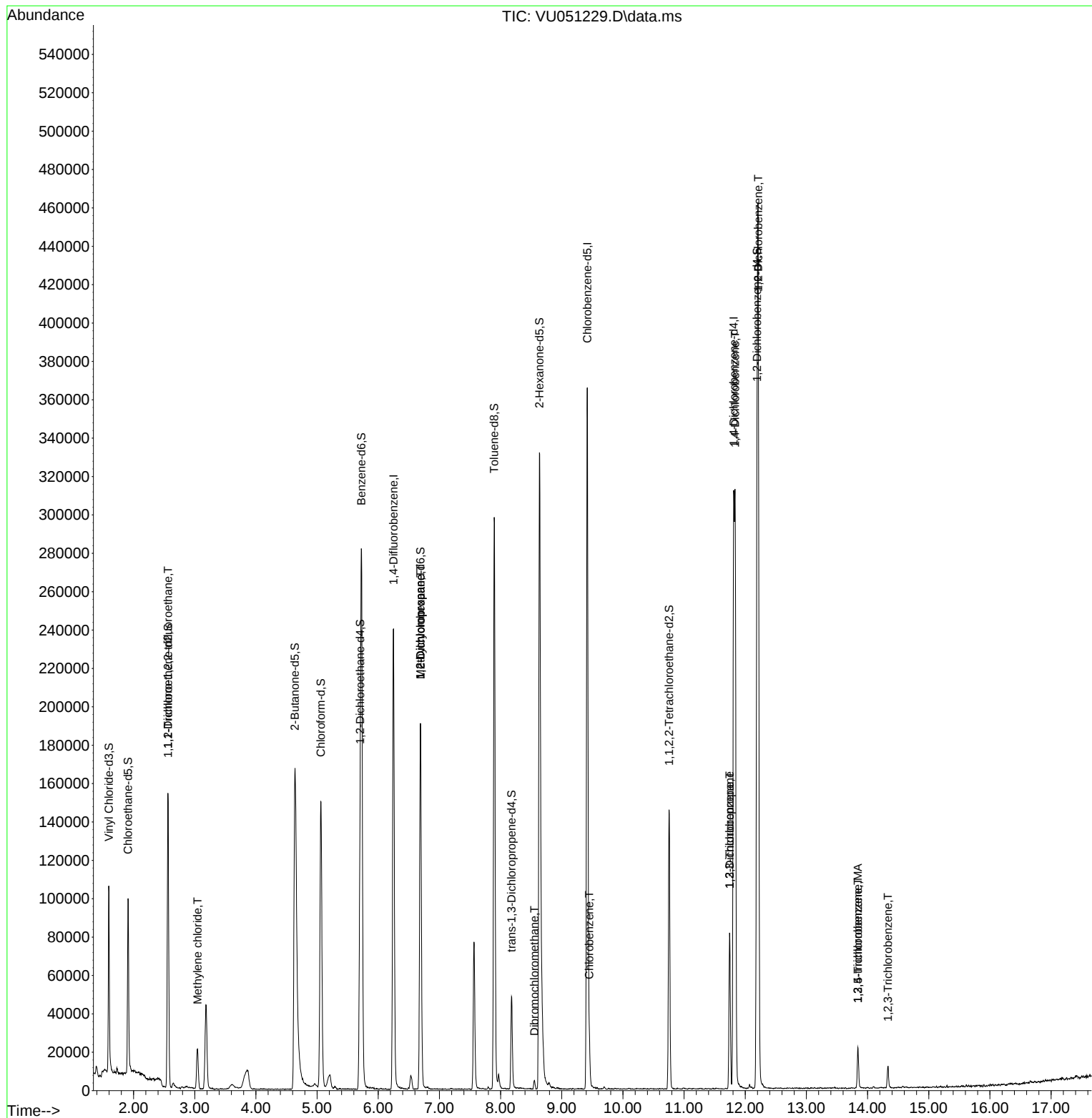
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	189911	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	203706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	73893	4.824	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.909	69	67373	5.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.562	65	29201	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.636	46	181542	53.826	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.660%
24) Chloroform-d	5.060	84	140930	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.703	65	76792	5.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.726	84	259958	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.690	67	93373	4.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.896	98	205686	4.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.179	79	27616	4.417	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.636	63	96860	45.963	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.920%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	73187	4.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	71044	5.349	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	920	0.062	ug/L #	21
16) Methylene chloride	3.044	84	10430	0.510	ug/L	94
35) Methylcyclohexane	6.690	83	20979	0.980	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9463	0.508	ug/L #	88
49) Dibromochloromethane	8.552	129	1026	0.070	ug/L #	11
51) Chlorobenzene	9.449	112	12403	0.288	ug/L	97
61) 1,2,3-Trichloropropane	11.745	75	11109	1.151	ug/L #	50
64) 1,3-Dichlorobenzene	11.745	146	32759	1.368	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	114220	4.840	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	155591	6.685	ug/L	98
69) 1,3,5-Trichlorobenzene	13.841	180	7179	0.435	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	7179	0.612	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	3968	0.327	ug/L	98

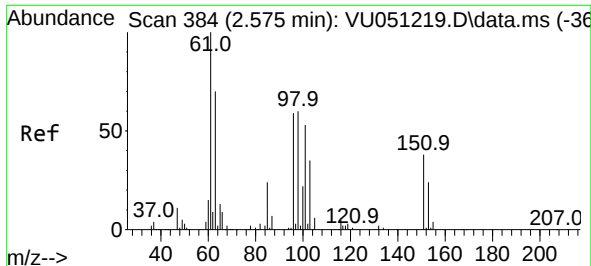
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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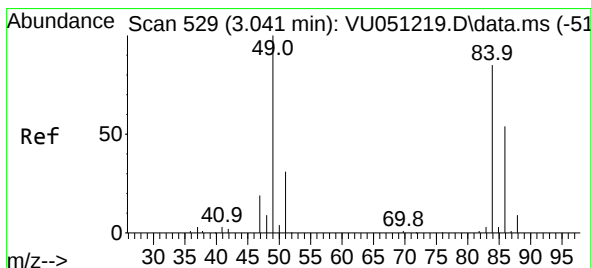
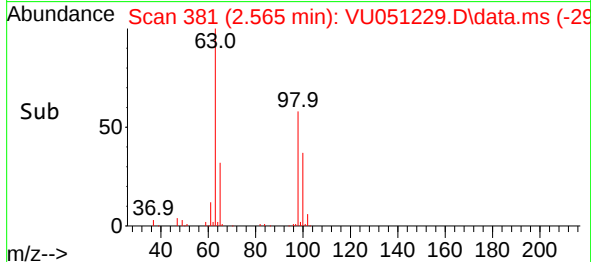
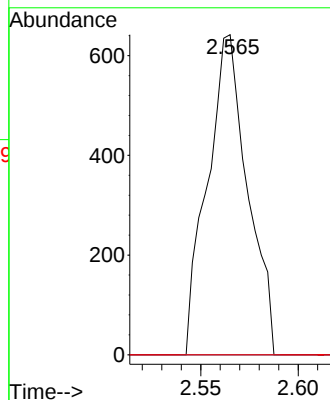
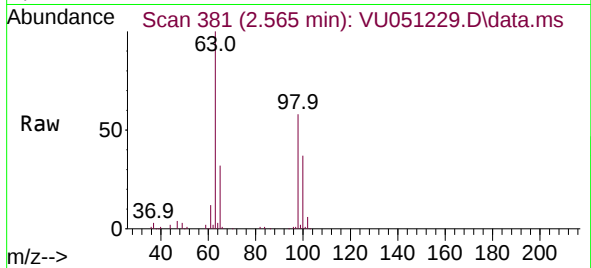




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

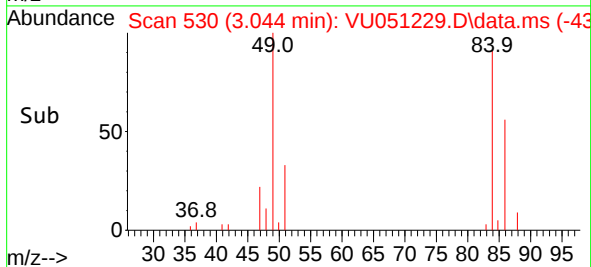
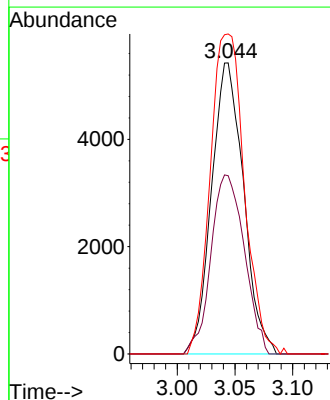
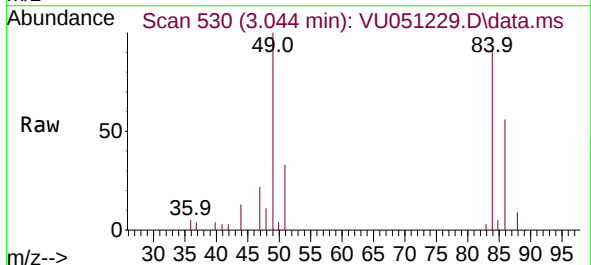
Instrument :
MSVOA_U
ClientSampleId :
EXFX2DL

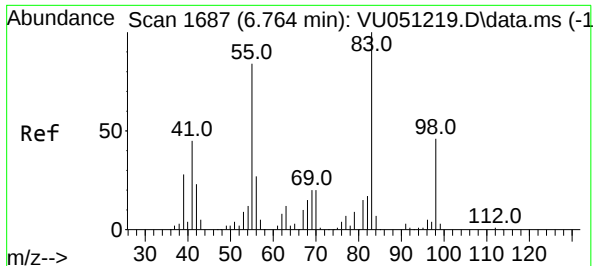
Tgt Ion:101 Resp: 920
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#16
Methylene chloride
Concen: 0.510 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

Tgt Ion: 84 Resp: 10430
Ion Ratio Lower Upper
84 100
86 61.2 46.5 86.3
49 109.9 81.3 151.1

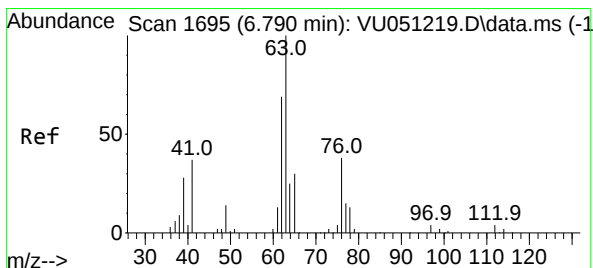
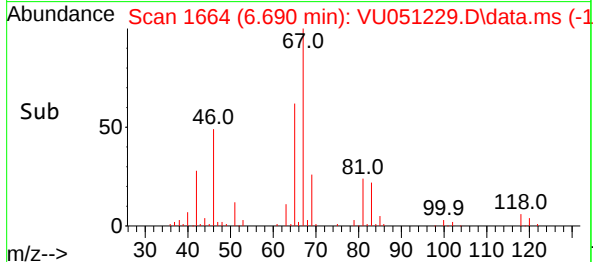
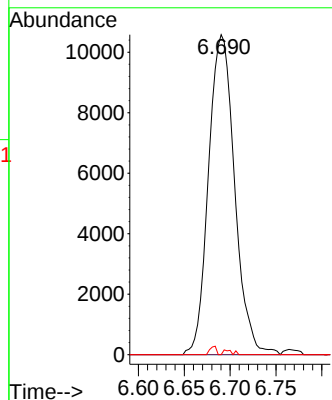
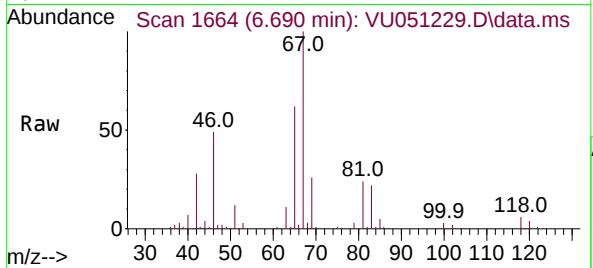




#35
Methylcyclohexane
Concen: 0.980 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

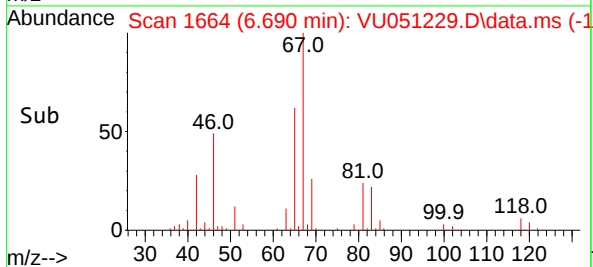
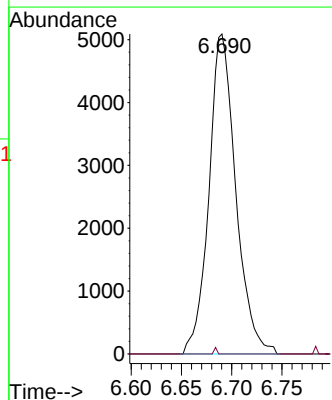
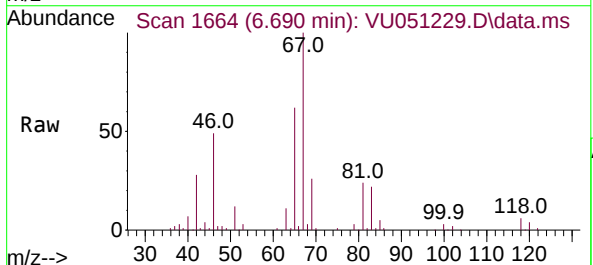
Instrument :
MSVOA_U
ClientSampleId :
EXFX2DL

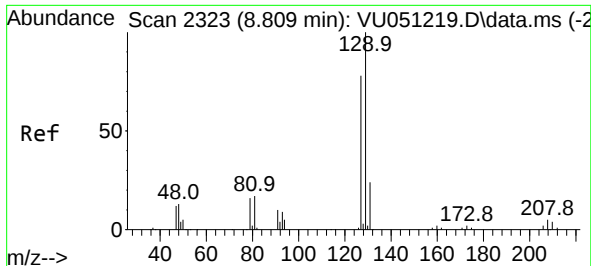
Tgt Ion: 83 Resp: 20979
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 0.5 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

Tgt Ion: 63 Resp: 9463
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#





#49

Dibromochloromethane

Concen: 0.070 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU051229.D

Acq: 07 Oct 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

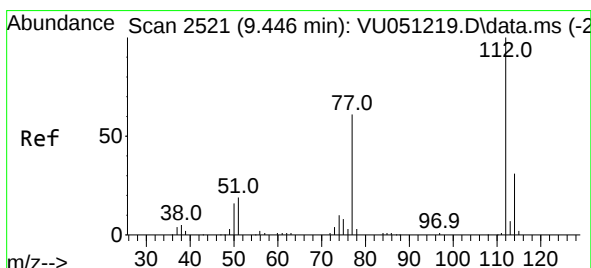
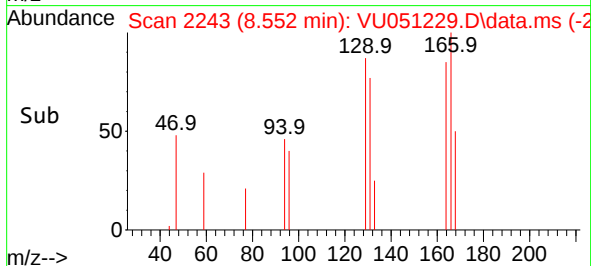
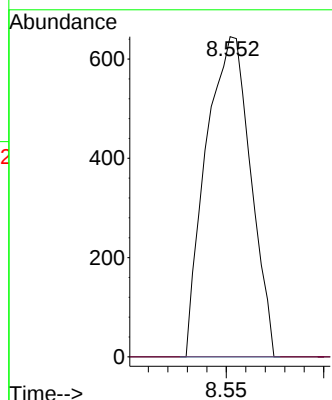
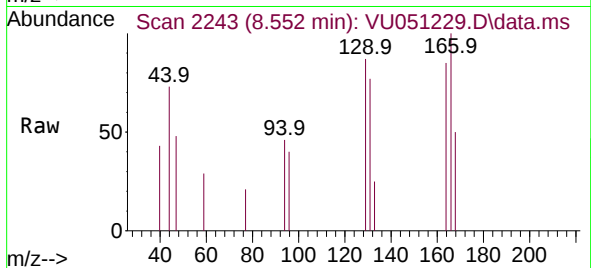
EXFX2DL

Tgt Ion:129 Resp: 1026

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#51

Chlorobenzene

Concen: 0.288 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU051229.D

Acq: 07 Oct 2022 19:48

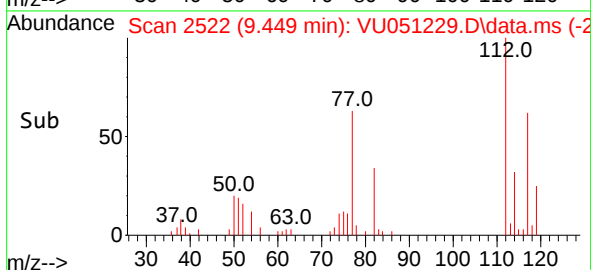
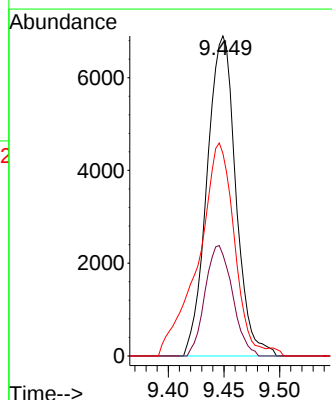
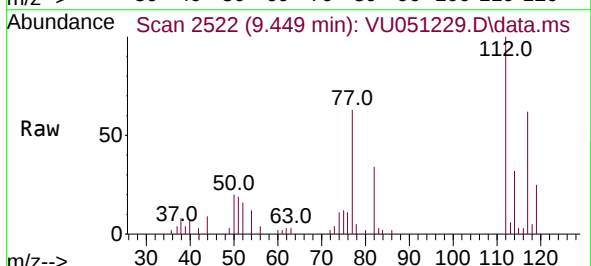
Tgt Ion:112 Resp: 12403

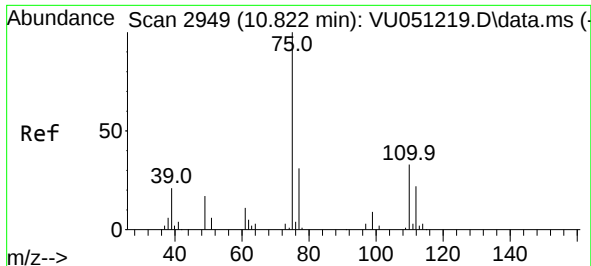
Ion Ratio Lower Upper

112 100

114 31.7 22.3 41.5

77 63.3 48.1 72.1

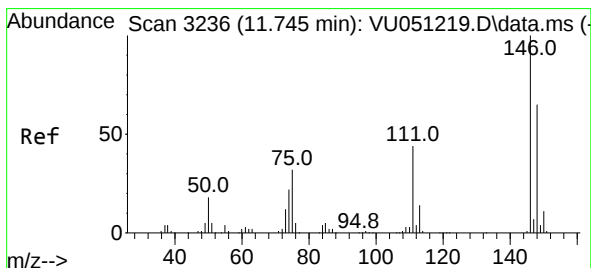
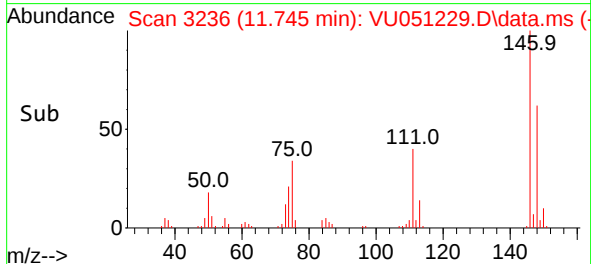
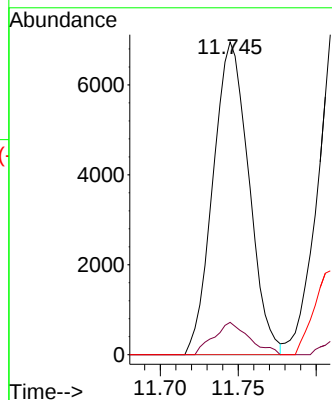
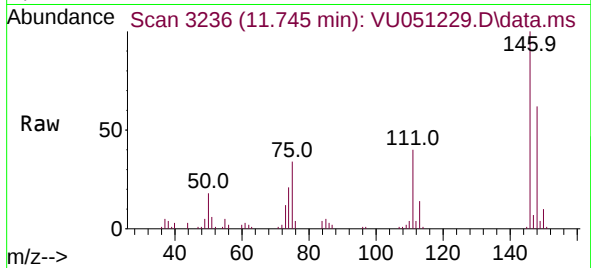




#61
1,2,3-Trichloropropane
Concen: 1.151 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.923 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

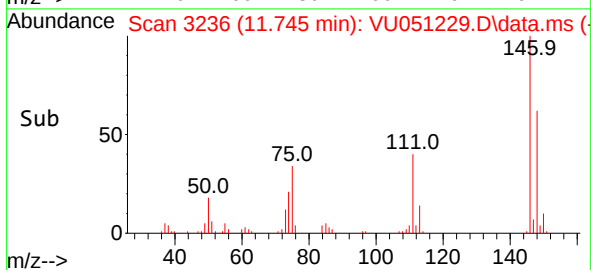
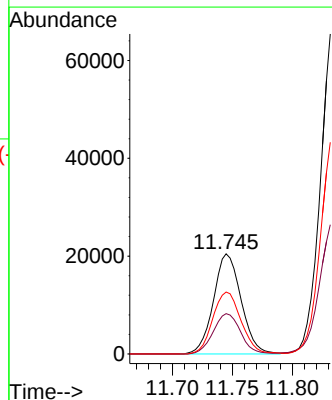
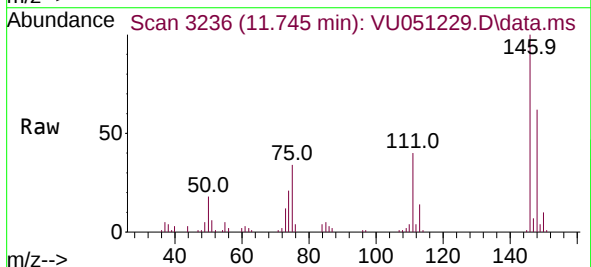
Instrument :
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ClientSampleId :
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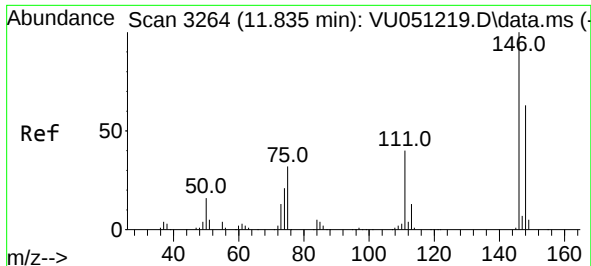
Tgt Ion: 75 Resp: 11109
Ion Ratio Lower Upper
75 100
110 10.2 27.0 40.6#
77 0.0 26.4 39.6#



#64
1,3-Dichlorobenzene
Concen: 1.368 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

Tgt Ion:146 Resp: 32759
Ion Ratio Lower Upper
146 100
111 40.2 28.3 52.7
148 61.9 43.8 81.4

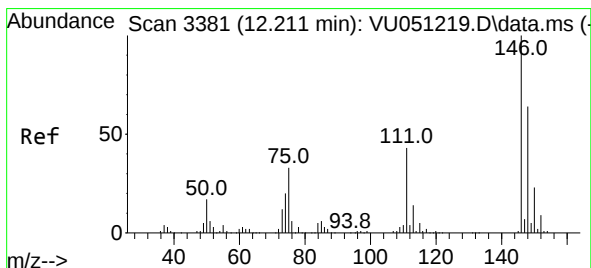
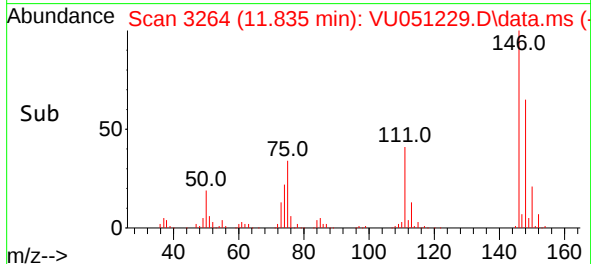
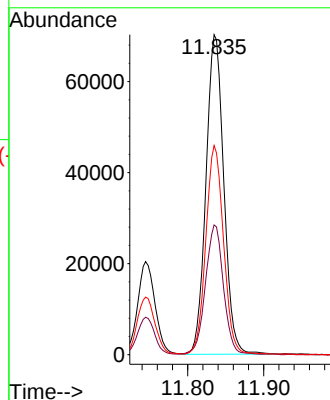
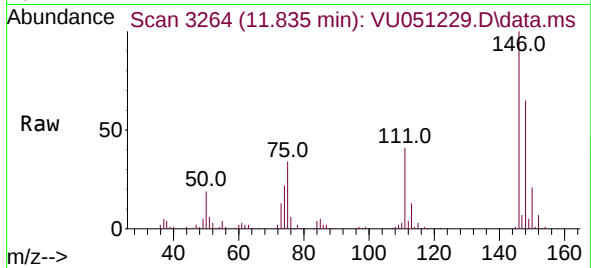




#65
1,4-Dichlorobenzene
Concen: 4.840 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

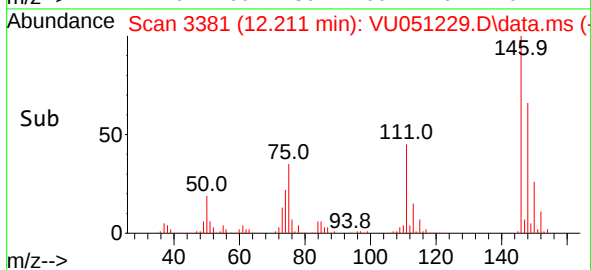
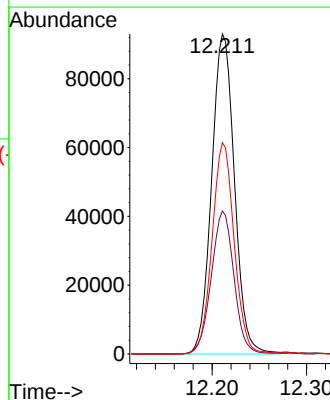
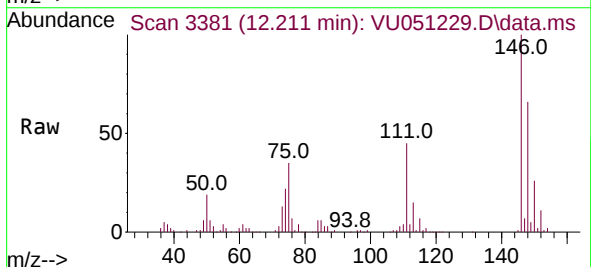
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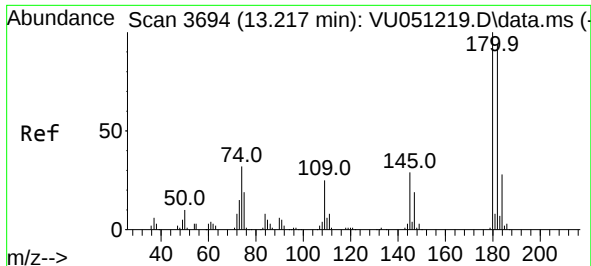
Tgt Ion:146 Resp: 114220
Ion Ratio Lower Upper
146 100
111 40.6 29.1 54.1
148 65.4 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 6.685 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051229.D
Acq: 07 Oct 2022 19:48

Tgt Ion:146 Resp: 155591
Ion Ratio Lower Upper
146 100
111 44.7 35.5 53.3
148 66.0 50.9 76.3





#69

1,3,5-Trichlorobenzene

Concen: 0.435 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.624 min

Lab File: VU051229.D

Acq: 07 Oct 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

EXFX2DL

Tgt Ion:180 Resp: 7179

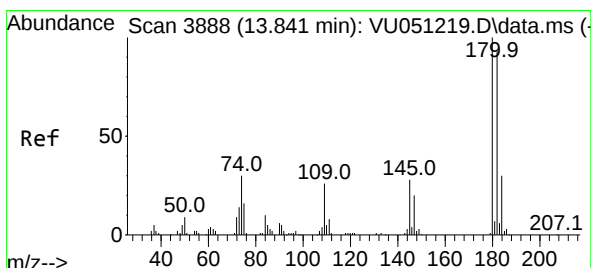
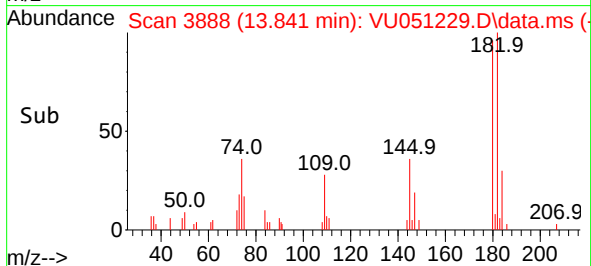
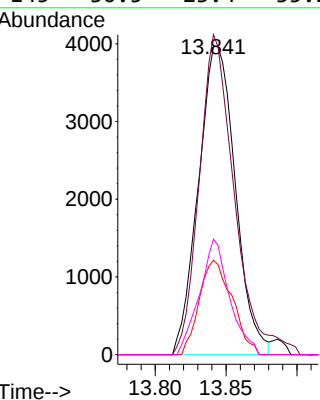
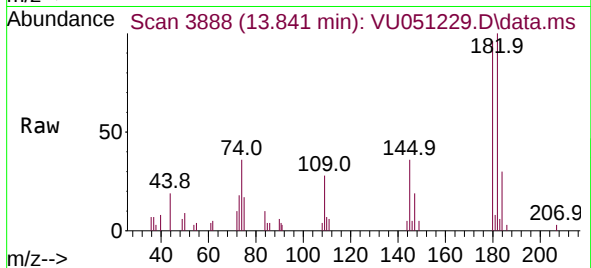
Ion Ratio Lower Upper

180 100

182 98.6 77.7 116.5

184 27.3 23.6 35.4

145 30.5 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 0.612 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU051229.D

Acq: 07 Oct 2022 19:48

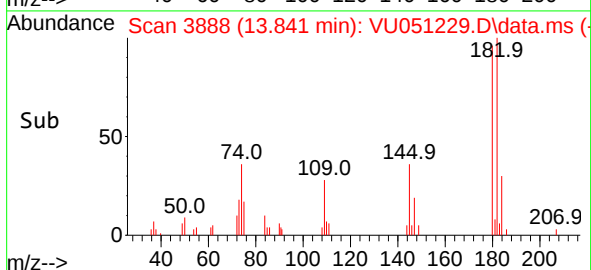
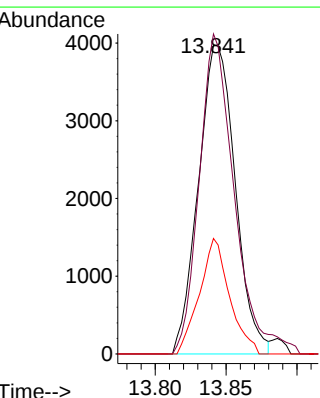
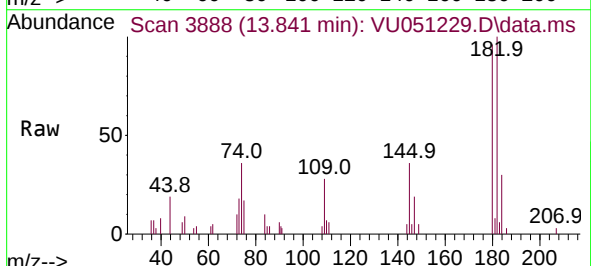
Tgt Ion:180 Resp: 7179

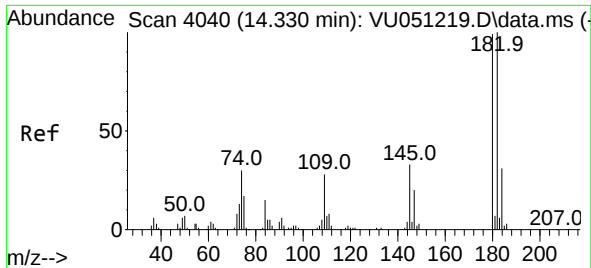
Ion Ratio Lower Upper

180 100

182 98.6 78.7 118.1

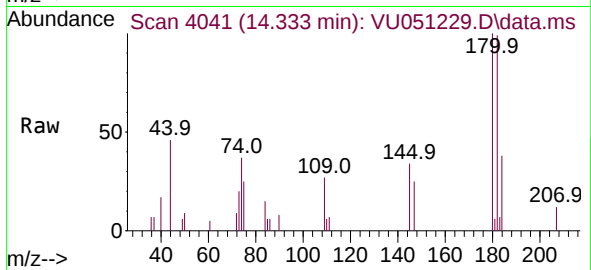
145 30.5 25.0 37.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.327 ug/L
 RT: 14.333 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU051229.D
 Acq: 07 Oct 2022 19:48

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFX2DL



Tgt Ion:	180	Resp:	3968
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.6	114.8
145	30.1	25.8	38.8

