

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051227.D
 Acq On : 07 Oct 2022 18:58
 Operator : JC/MD
 Sample : N4872-05DL 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFW9DL

Quant Time: Oct 08 04:27:59 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)

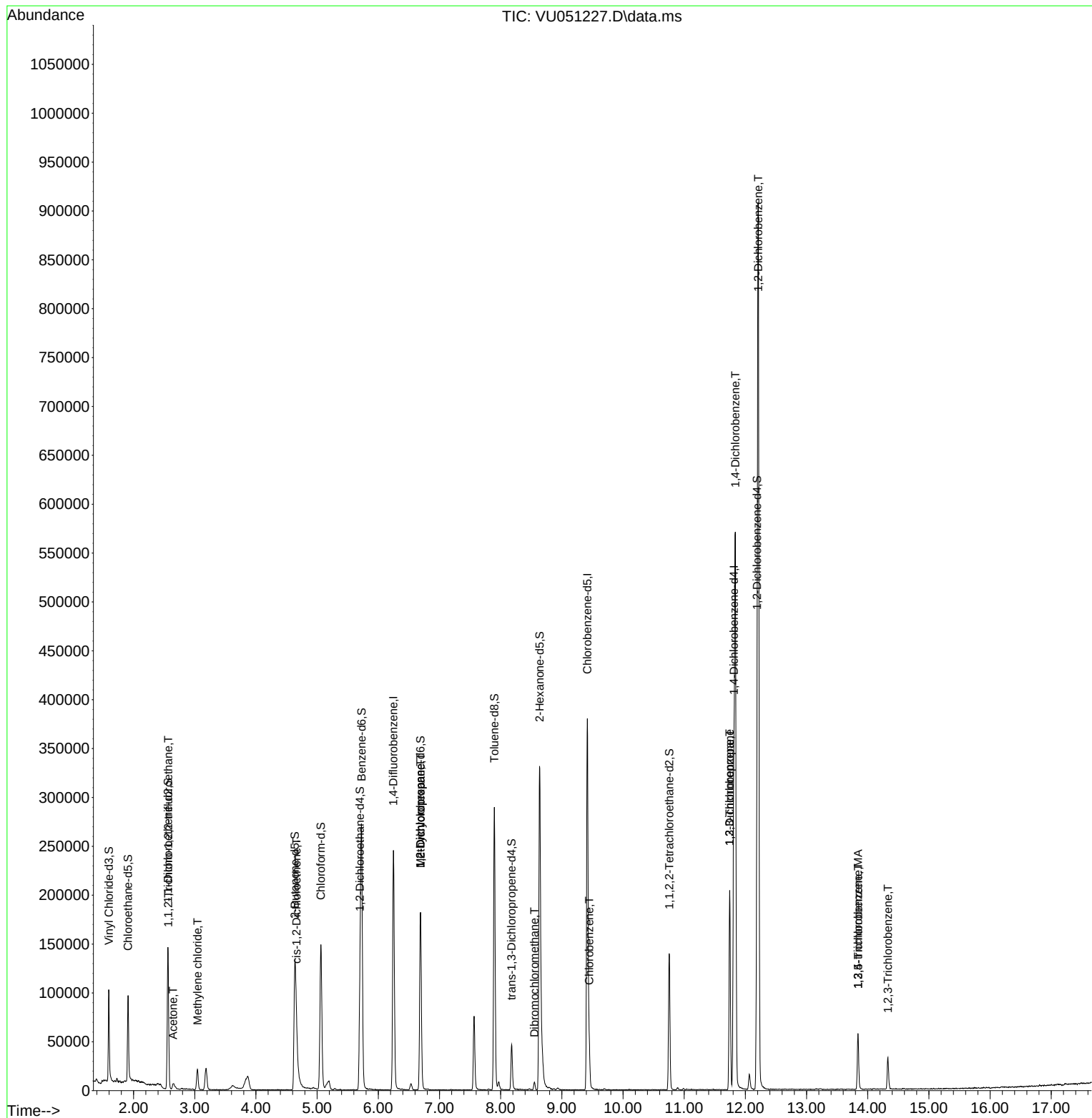
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	194470	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	213017	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82944	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	71644	4.567	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.909	69	63217	4.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.562	65	27283	4.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.636	46	177579	51.417	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.840%
24) Chloroform-d	5.060	84	139373	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.700	65	73300	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.726	84	255834	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.690	67	91632	4.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.896	98	196253	3.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.179	79	26685	4.081	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.636	63	95741	43.446	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.900%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	72755	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	75226	5.218	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1034	0.068	ug/L #	23
13) Acetone	2.646	43	11465	4.426	ug/L	96
16) Methylene chloride	3.044	84	10128	0.484	ug/L	89
22) cis-1,2-Dichloroethene	4.662	96	936	0.057	ug/L #	71
35) Methylcyclohexane	6.690	83	20005	0.894	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9274	0.476	ug/L #	90
49) Dibromochloromethane	8.552	129	1869	0.122	ug/L #	11
51) Chlorobenzene	9.446	112	23321	0.517	ug/L	99
61) 1,2,3-Trichloropropane	11.745	75	25413	2.426	ug/L #	51
64) 1,3-Dichlorobenzene	11.745	146	80331	3.091	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	217102	8.476	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	334147	13.227	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	18142	1.013	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	18142	1.425	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	11050	0.839	ug/L	99

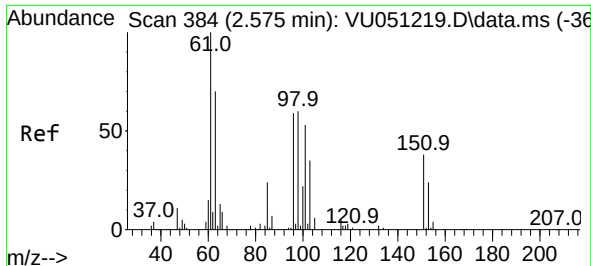
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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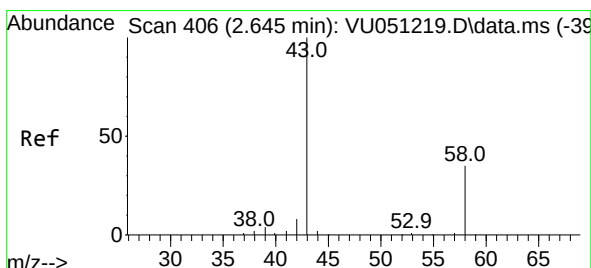
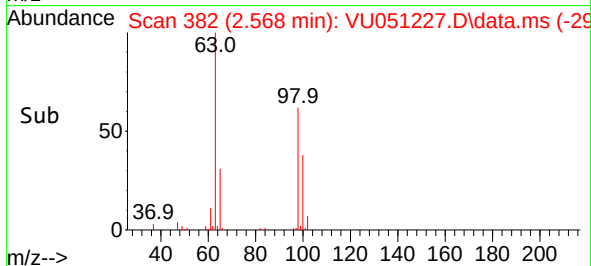
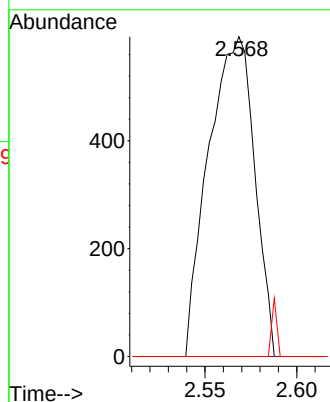
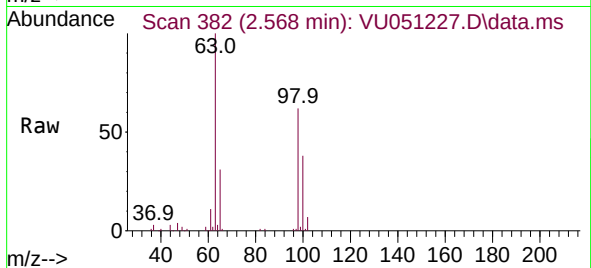




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.568 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

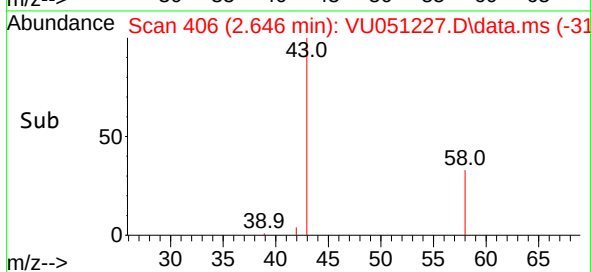
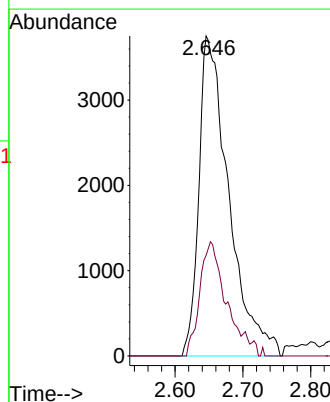
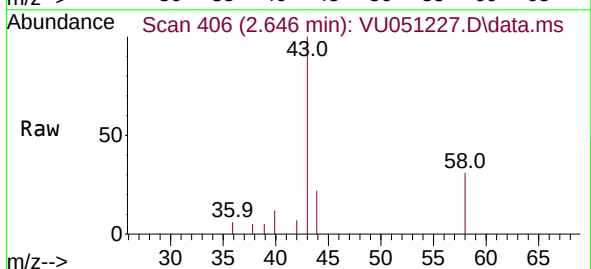
Instrument :
MSVOA_U
ClientSampleId :
EXFW9DL

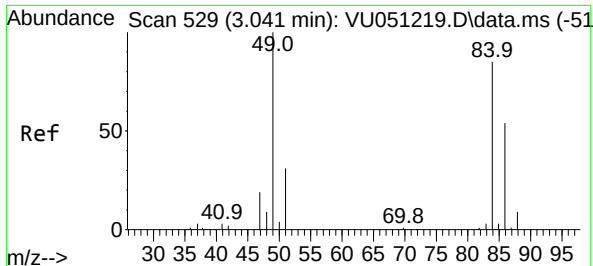
Tgt Ion:101 Resp: 1034
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 2.0 56.5 84.7#



#13
Acetone
Concen: 4.426 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

Tgt Ion: 43 Resp: 11465
Ion Ratio Lower Upper
43 100
58 31.9 0.0 68.8

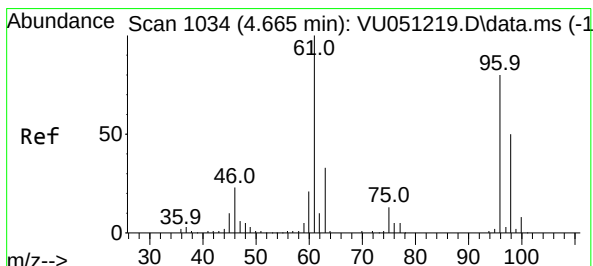
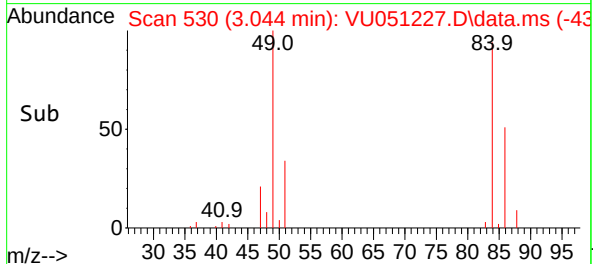
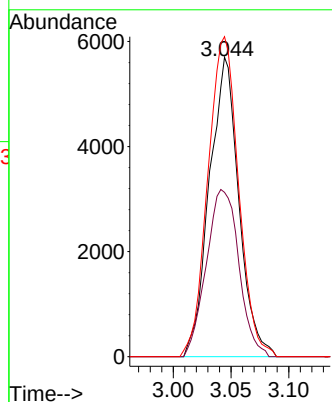
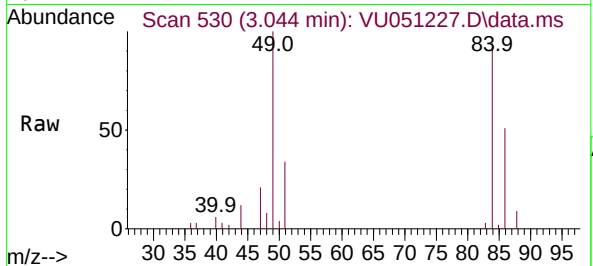




#16
Methylene chloride
Concen: 0.484 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

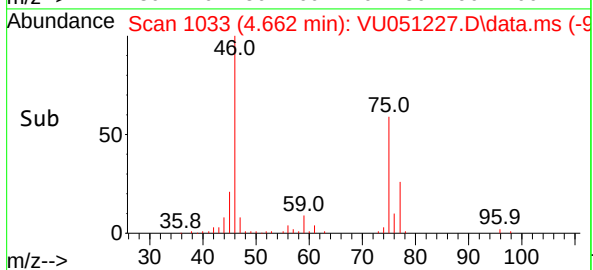
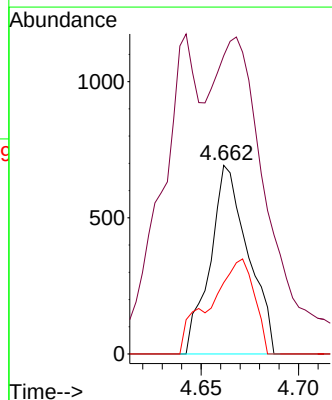
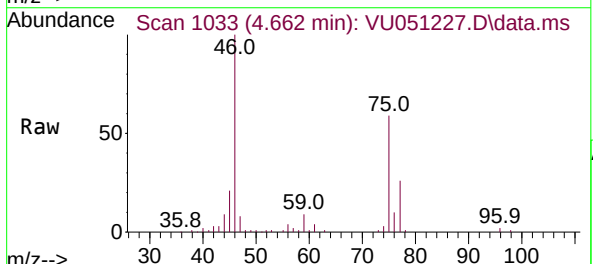
Instrument :
MSVOA_U
ClientSampleId :
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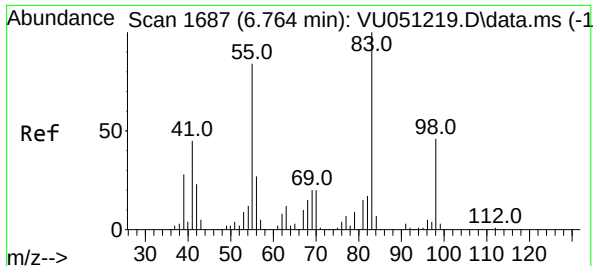
Tgt Ion: 84 Resp: 10128
Ion Ratio Lower Upper
84 100
86 54.9 46.5 86.3
49 106.8 81.3 151.1



#22
cis-1,2-Dichloroethene
Concen: 0.057 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

Tgt Ion: 96 Resp: 936
Ion Ratio Lower Upper
96 100
61 158.0 90.6 168.2
98 37.8 47.5 88.3#





#35

Methylcyclohexane

Concen: 0.894 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051227.D

Acq: 07 Oct 2022 18:58

Instrument :

MSVOA_U

ClientSampleId :

EXFW9DL

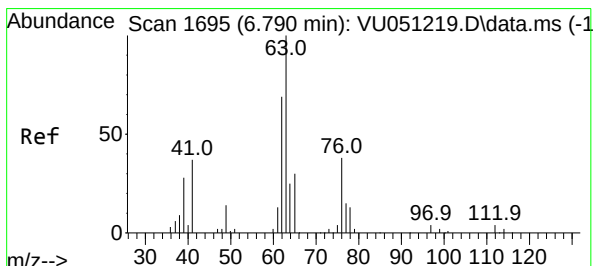
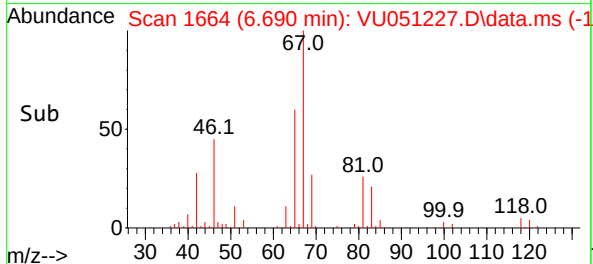
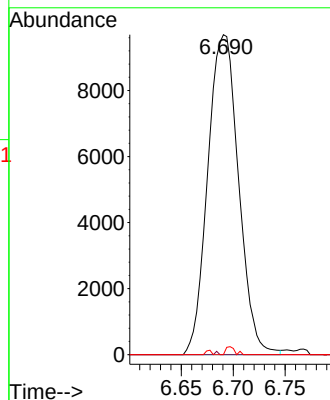
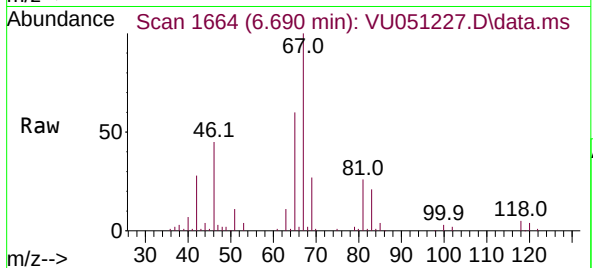
Tgt Ion: 83 Resp: 20005

Ion Ratio Lower Upper

83 100

55 0.1 65.8 98.6#

98 0.7 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.476 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.099 min

Lab File: VU051227.D

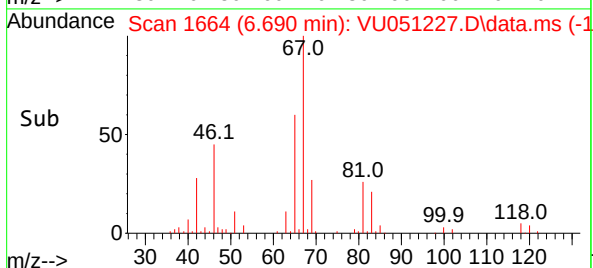
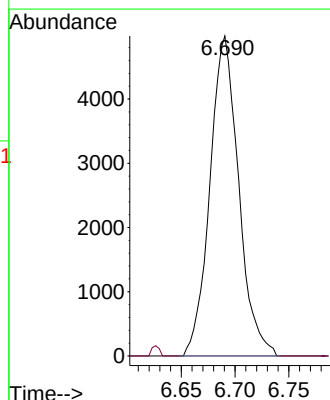
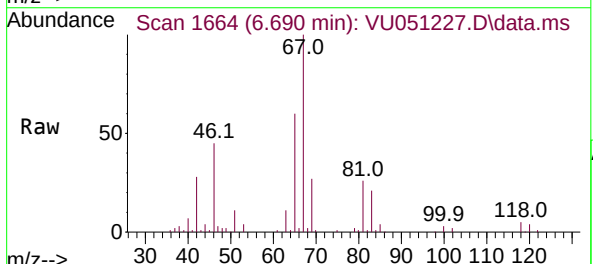
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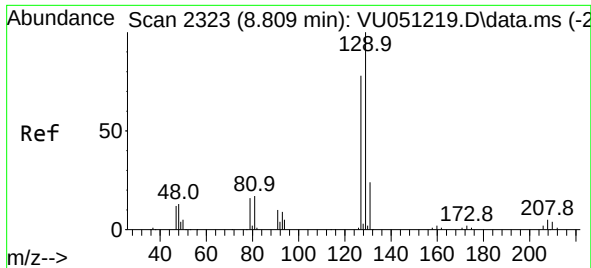
Tgt Ion: 63 Resp: 9274

Ion Ratio Lower Upper

63 100

112 0.8 3.2 4.8#

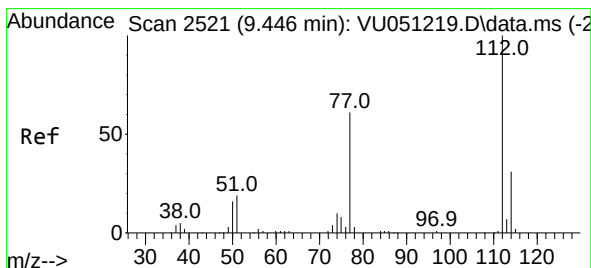
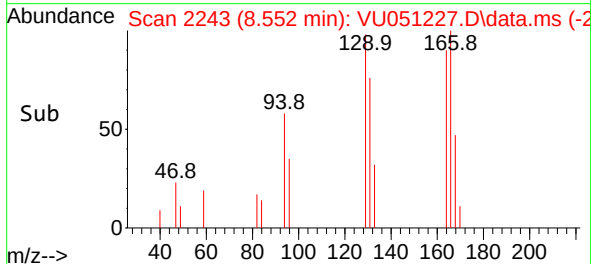
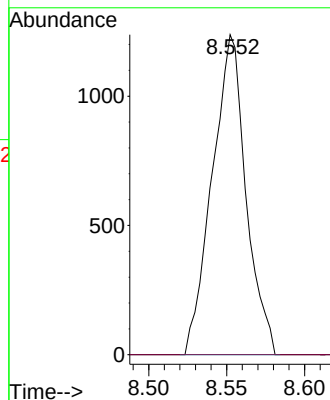
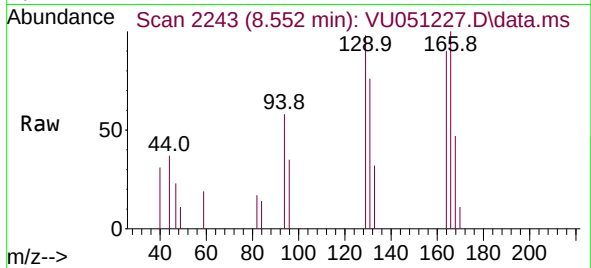




#49
Dibromochloromethane
Concen: 0.122 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

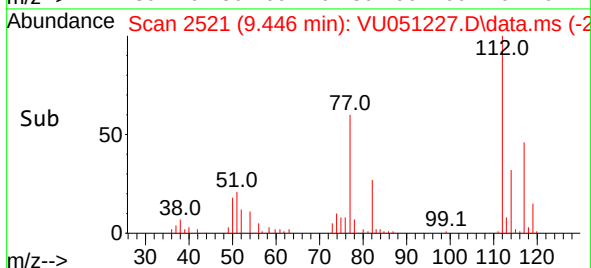
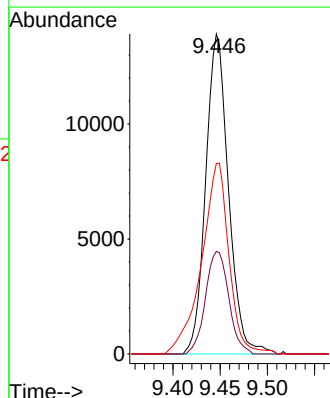
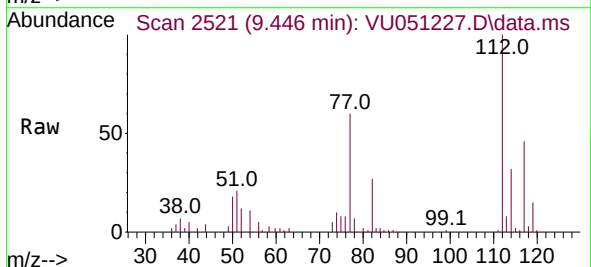
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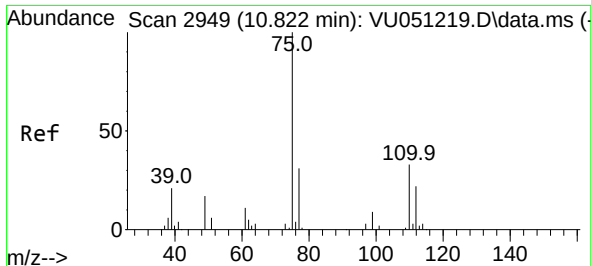
Tgt Ion:129 Resp: 1869
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#51
Chlorobenzene
Concen: 0.517 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

Tgt Ion:112 Resp: 23321
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 59.5 48.1 72.1

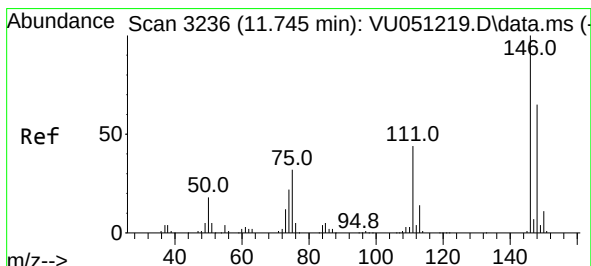
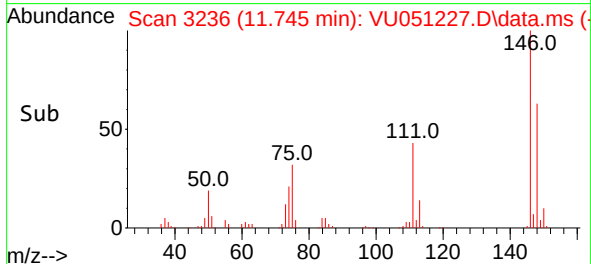
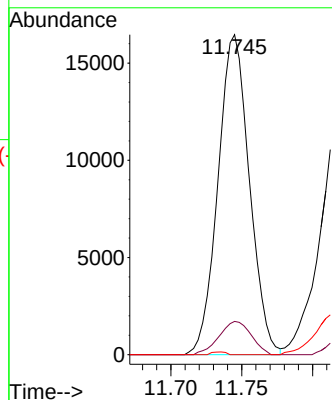
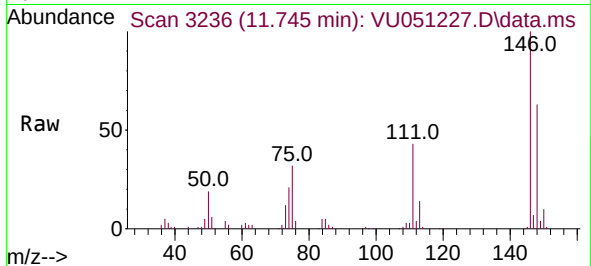




#61
1,2,3-Trichloropropane
Concen: 2.426 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.923 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

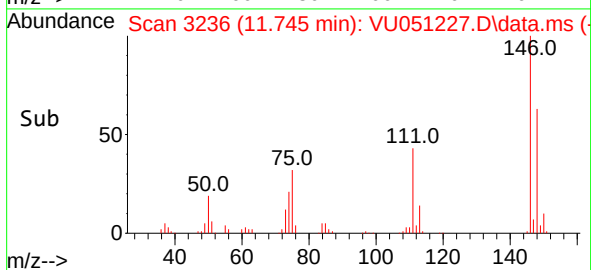
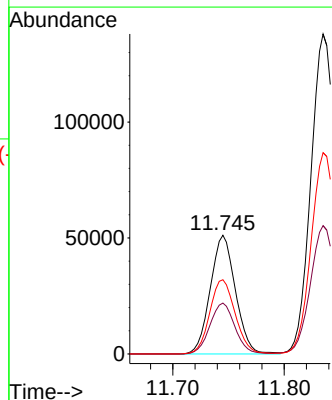
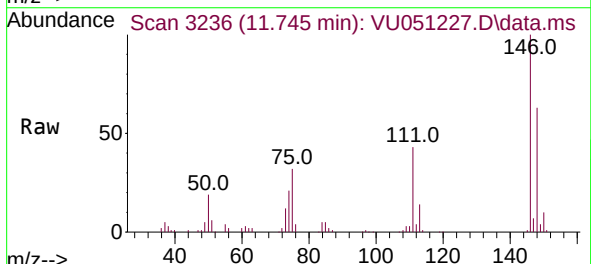
Instrument :
MSVOA_U
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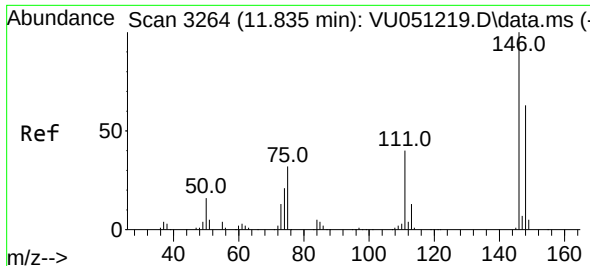
Tgt Ion: 75 Resp: 25413
Ion Ratio Lower Upper
75 100
110 10.6 27.0 40.6#
77 0.0 26.4 39.6#



#64
1,3-Dichlorobenzene
Concen: 3.091 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

Tgt Ion:146 Resp: 80331
Ion Ratio Lower Upper
146 100
111 42.9 28.3 52.7
148 62.5 43.8 81.4

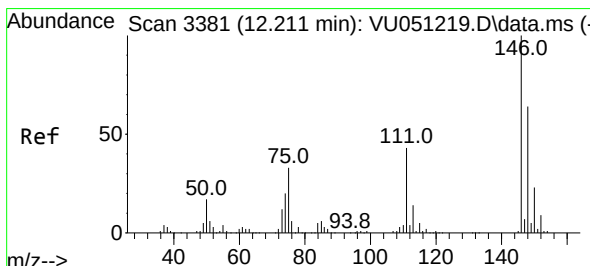
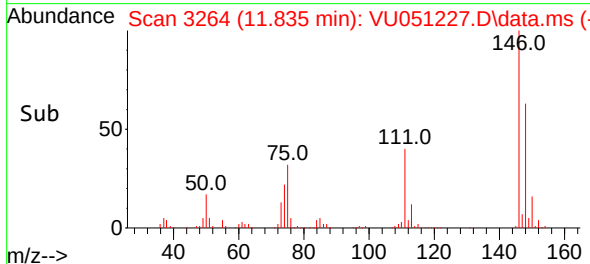
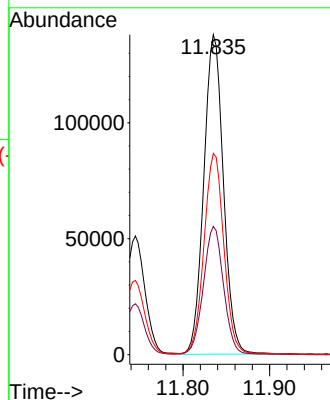
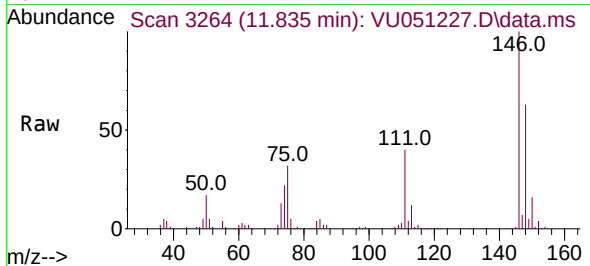




#65
1,4-Dichlorobenzene
Concen: 8.476 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

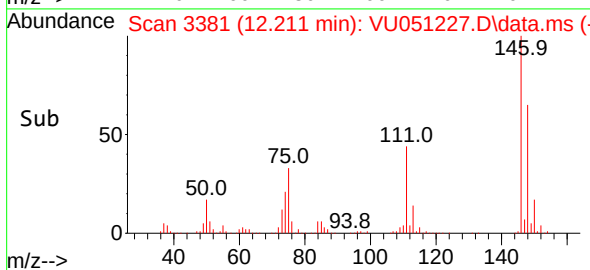
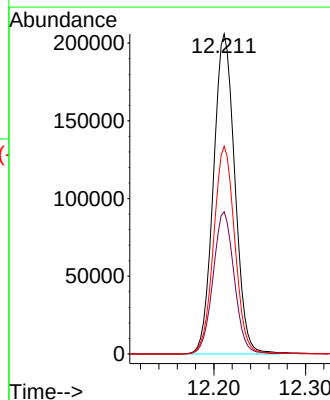
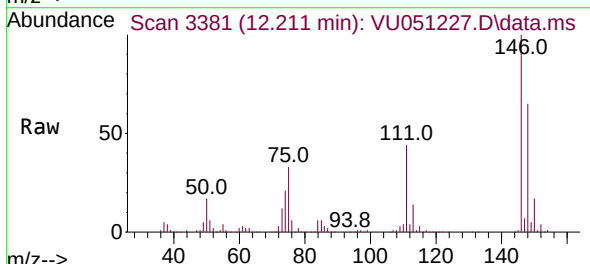
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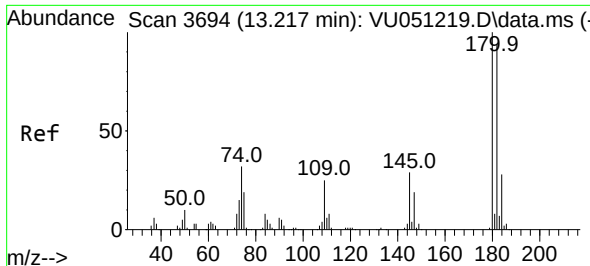
Tgt Ion:146 Resp: 217102
Ion Ratio Lower Upper
146 100
111 40.1 29.1 54.1
148 62.9 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 13.227 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

Tgt Ion:146 Resp: 334147
Ion Ratio Lower Upper
146 100
111 44.4 35.5 53.3
148 64.9 50.9 76.3

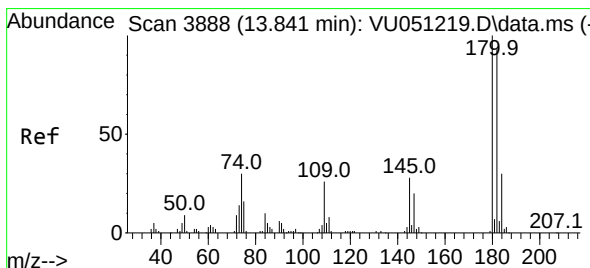
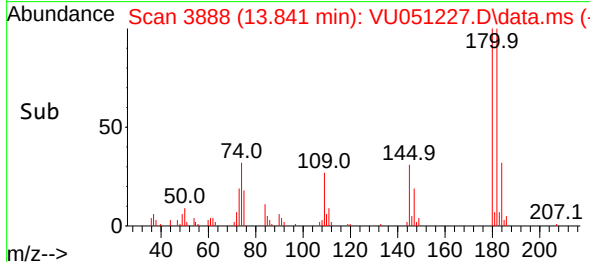
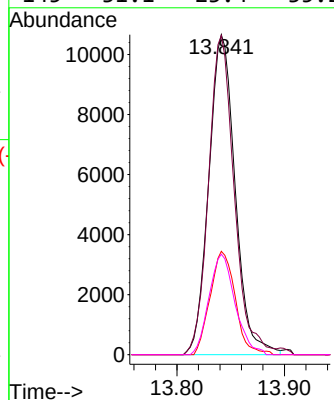
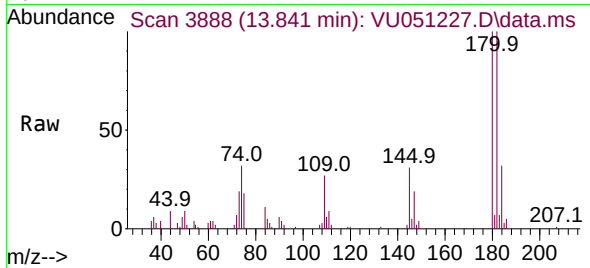




#69
 1,3,5-Trichlorobenzene
 Concen: 1.013 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.624 min
 Lab File: VU051227.D
 Acq: 07 Oct 2022 18:58

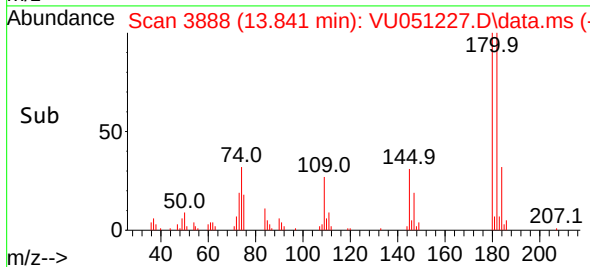
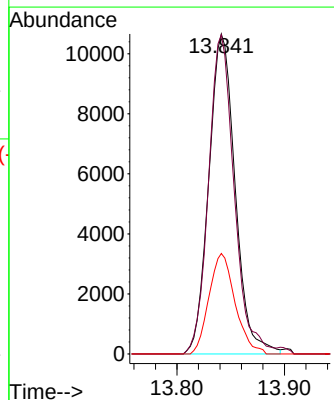
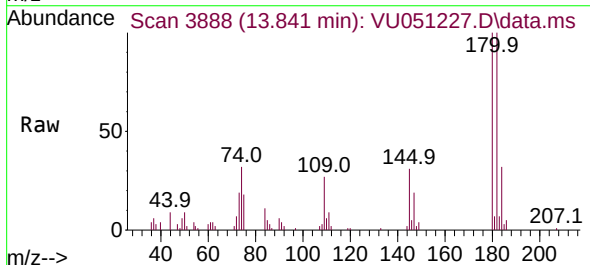
Instrument :
 MSVOA_U
 ClientSampleId :
 EXFW9DL

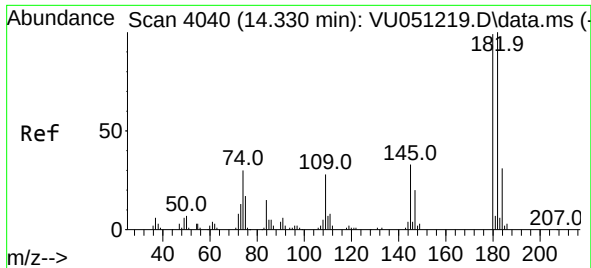
Tgt Ion:180	Resp:	18142
Ion Ratio	Lower	Upper
180	100	
182	97.0	77.7 116.5
184	30.9	23.6 35.4
145	31.1	23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 1.425 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU051227.D
 Acq: 07 Oct 2022 18:58

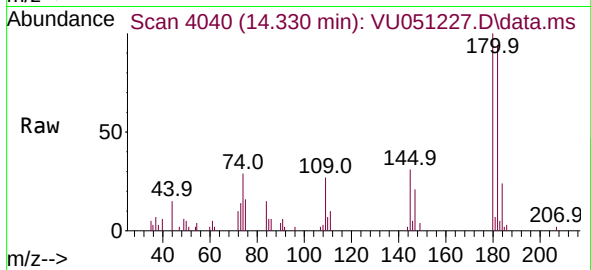
Tgt Ion:180	Resp:	18142
Ion Ratio	Lower	Upper
180	100	
182	97.0	78.7 118.1
145	31.1	25.0 37.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.839 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU051227.D
 Acq: 07 Oct 2022 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFW9DL



Tgt Ion:	180	Resp:	11050
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
145	30.7	25.8	38.8

