

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049913.D
 Acq On : 26 Jul 2022 15:31
 Operator : SY/MD
 Sample : N3870-03DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ02DL

Quant Time: Jul 27 03:57:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 03:55:15 2022
 Response via : Initial Calibration

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

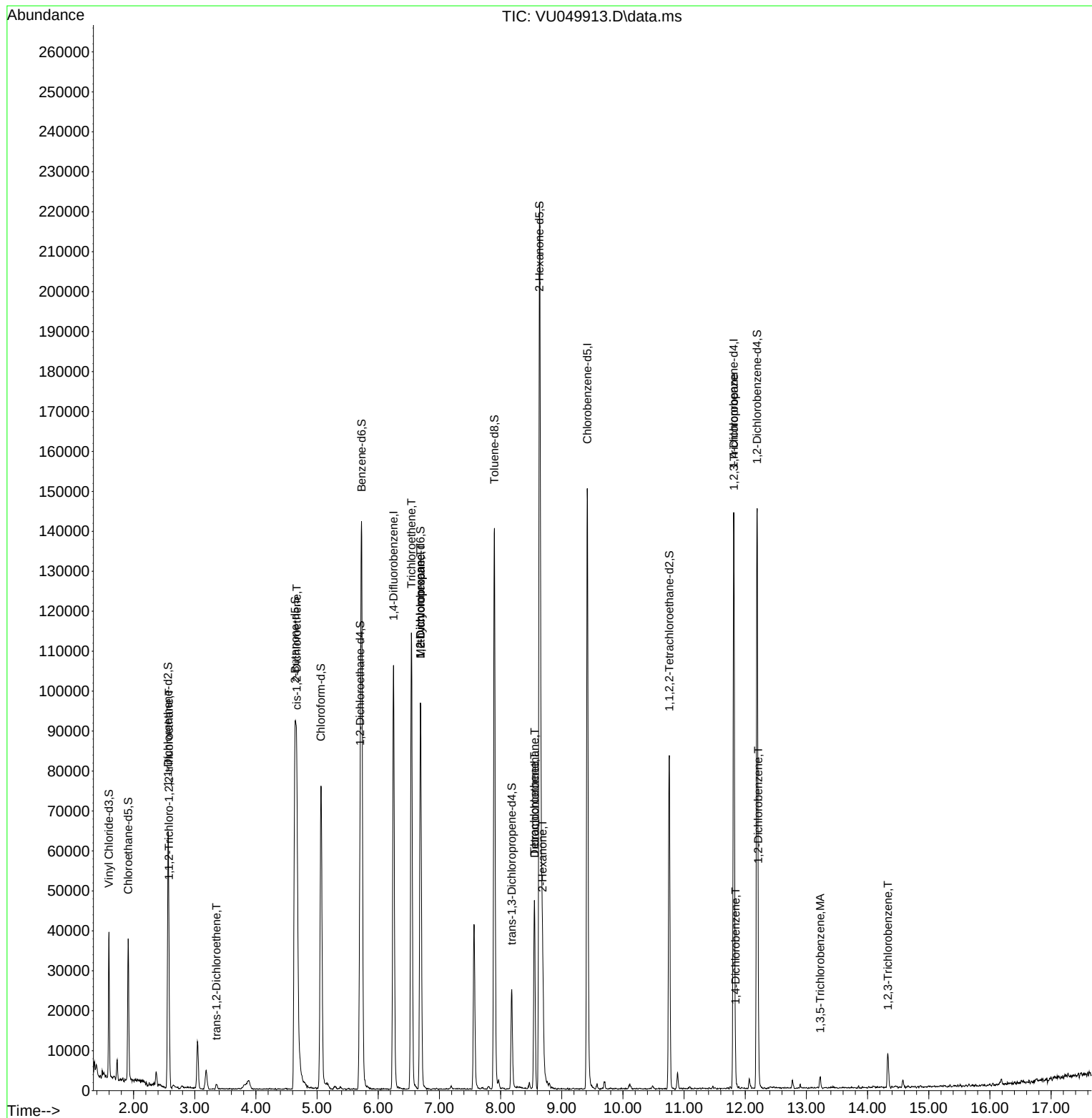
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	81300	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	80574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37446	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	24869	3.778	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.912	69	24753	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.565	65	11416	3.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.639	46	141179	59.614	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.220%
24) Chloroform-d	5.063	84	70455	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.703	65	41934	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.729	84	119902	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.690	67	46571	4.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.899	98	91823	3.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	8.182	79	15016	4.360	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.635	63	70479	51.647	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41867	5.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	36927	4.778	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	4183	0.788	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	549	0.088	ug/L #	61
22) cis-1,2-Dichloroethene	4.668	96	22093	3.072	ug/L	96
34) Trichloroethene	6.542	95	40125	5.660	ug/L	96
35) Methylcyclohexane	6.690	83	10774	1.232	ug/L #	15
37) 1,2-Dichloropropane	6.690	63	5239	0.629	ug/L #	89
47) Tetrachloroethene	8.552	164	10533	2.158	ug/L	96
48) 2-Hexanone	8.687	43	18909	4.359	ug/L #	89
49) Dibromochloromethane	8.555	129	9839	1.480	ug/L #	14
61) 1,2,3-Trichloropropane	11.815	75	5778	1.158	ug/L #	66
65) 1,4-Dichlorobenzene	11.841	146	1076	0.089	ug/L	88
67) 1,2-Dichlorobenzene	12.211	146	1621	0.134	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	1155	0.128	ug/L #	83
72) 1,2,3-Trichlorobenzene	14.333	180	3323	0.455	ug/L	97

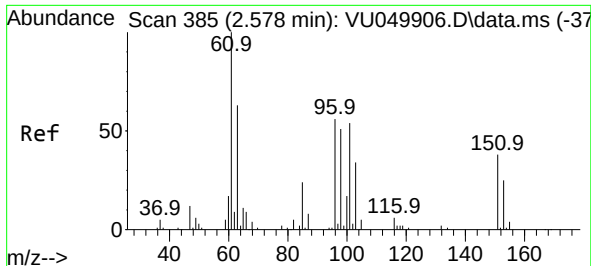
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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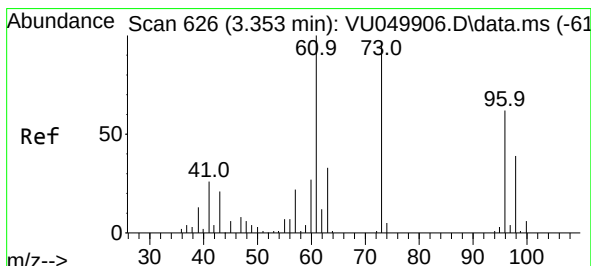
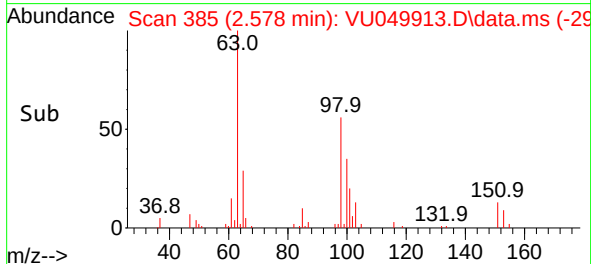
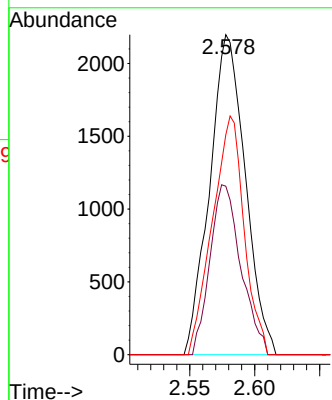
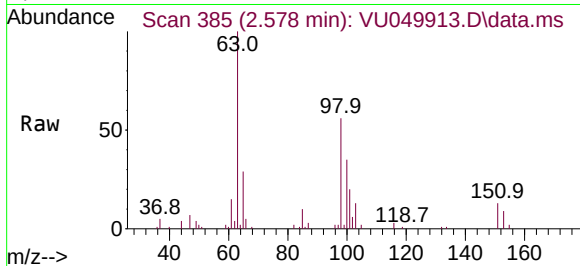




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.788 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU049913.D
Acq: 26 Jul 2022 15:31

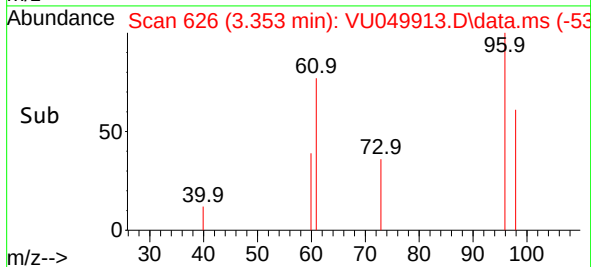
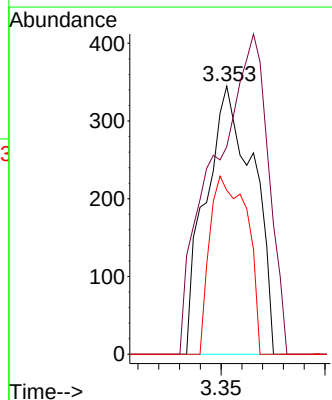
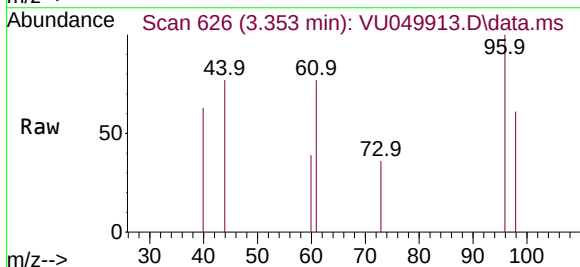
Instrument :
MSVOA_U
ClientSampleId :
GBJ02DL

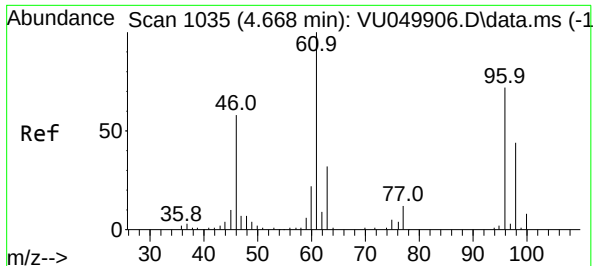
Tgt Ion:	101	Resp:	4183
Ion	Ratio	Lower	Upper
101	100		
85	46.3	37.2	55.8
151	66.6	56.0	84.0



#18
trans-1,2-Dichloroethene
Concen: 0.088 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU049913.D
Acq: 26 Jul 2022 15:31

Tgt Ion:	96	Resp:	549
Ion	Ratio	Lower	Upper
96	100		
61	77.4	101.5	188.5#
98	61.2	42.5	78.9





#22

cis-1,2-Dichloroethene

Concen: 3.072 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049913.D

Acq: 26 Jul 2022 15:31

Instrument :

MSVOA_U

ClientSampleId :

GBJ02DL

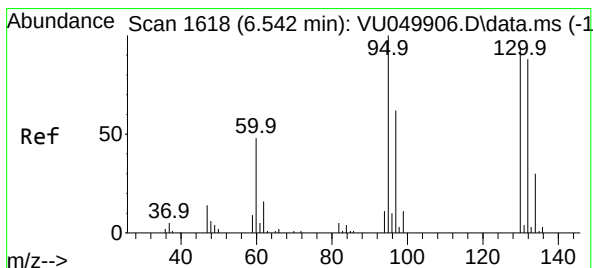
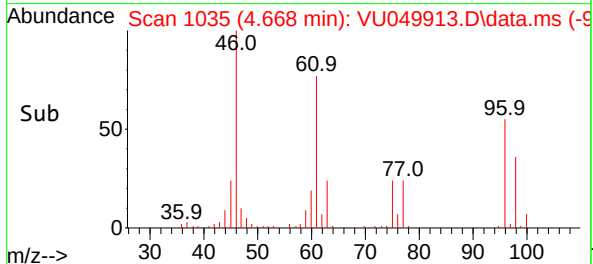
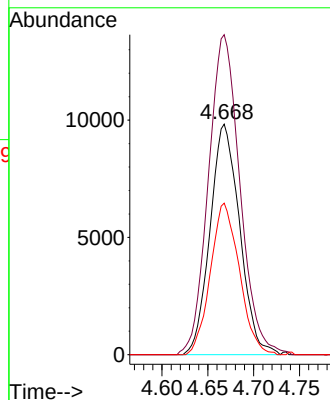
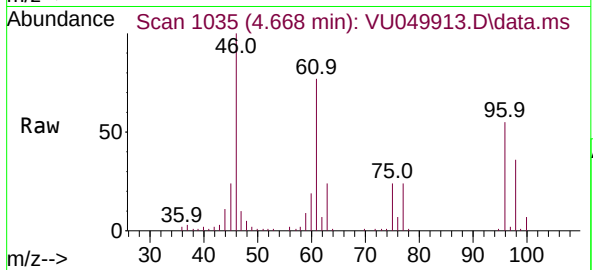
Tgt Ion: 96 Resp: 22093

Ion Ratio Lower Upper

96 100

61 138.8 93.9 174.3

98 65.7 43.9 81.5



#34

Trichloroethene

Concen: 5.660 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049913.D

Acq: 26 Jul 2022 15:31

Tgt Ion: 95 Resp: 40125

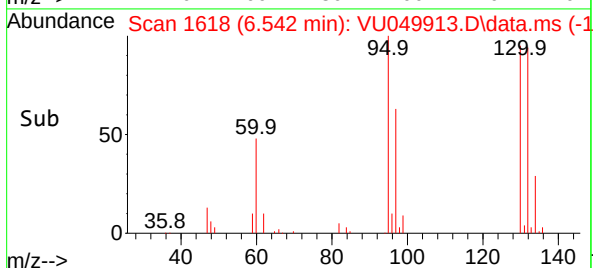
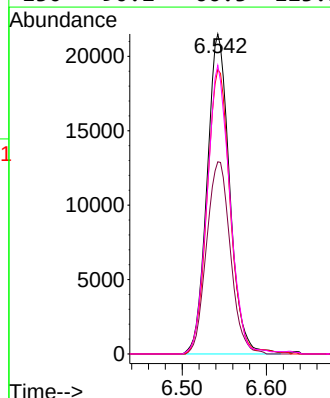
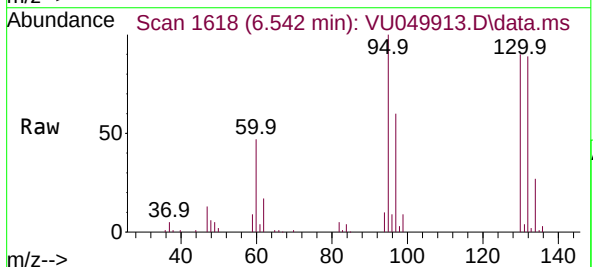
Ion Ratio Lower Upper

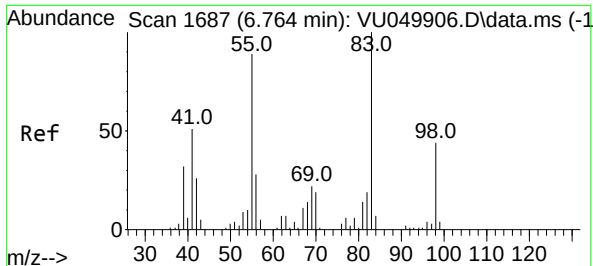
95 100

97 60.1 46.8 86.8

132 88.8 61.8 114.8

130 90.2 66.3 123.1

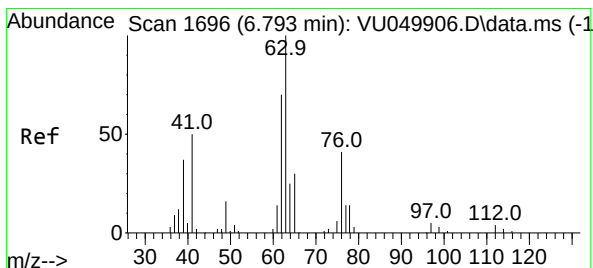
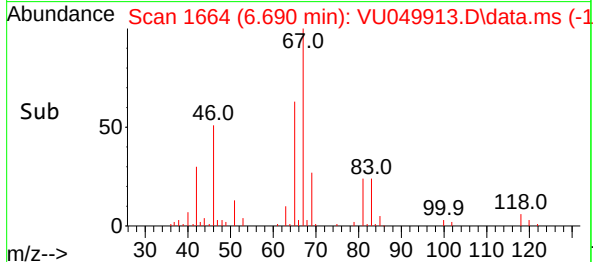
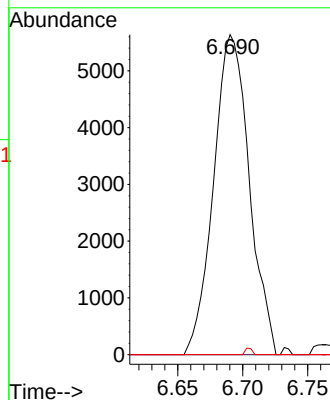
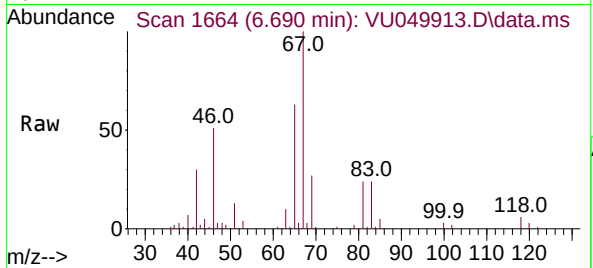




#35
Methylcyclohexane
Concen: 1.232 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049913.D
Acq: 26 Jul 2022 15:31

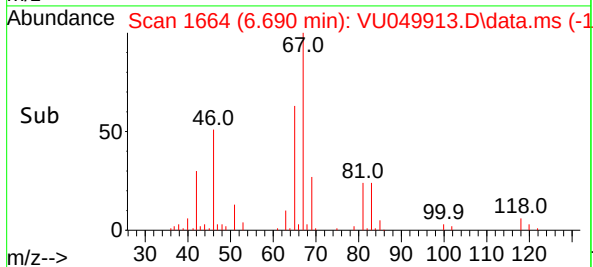
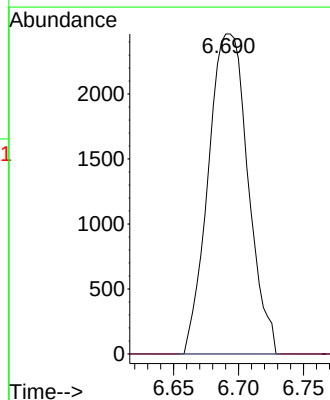
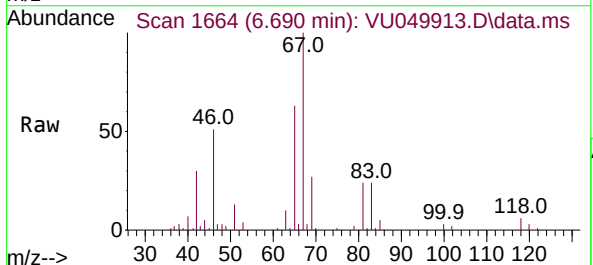
Instrument :
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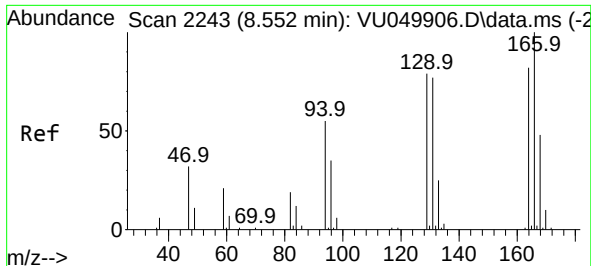
Tgt Ion: 83 Resp: 10774
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.0 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU049913.D
Acq: 26 Jul 2022 15:31

Tgt Ion: 63 Resp: 5239
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#47

Tetrachloroethene

Concen: 2.158 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049913.D

Acq: 26 Jul 2022 15:31

Instrument :

MSVOA_U

ClientSampleId :

GBJ02DL

Tgt Ion:164 Resp: 10533

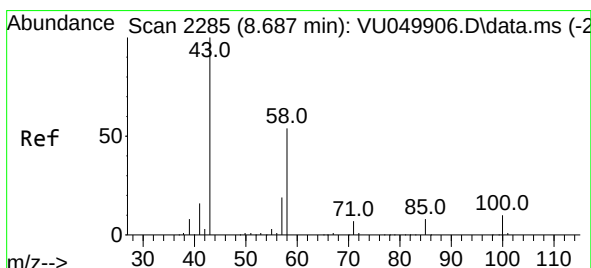
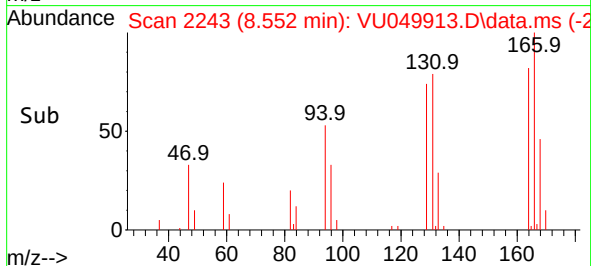
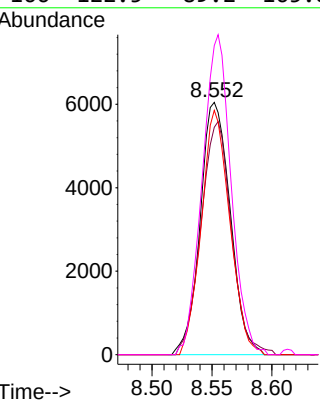
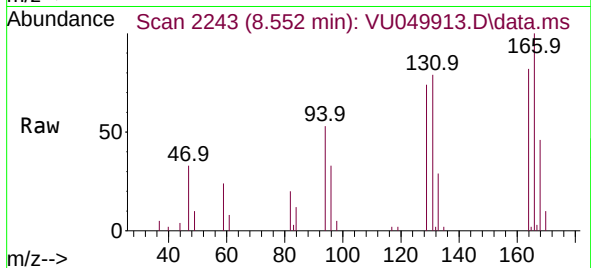
Ion Ratio Lower Upper

164 100

129 90.1 68.9 127.9

131 96.8 67.5 125.4

166 122.5 89.2 165.8



#48

2-Hexanone

Concen: 4.359 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU049913.D

Acq: 26 Jul 2022 15:31

Tgt Ion: 43 Resp: 18909

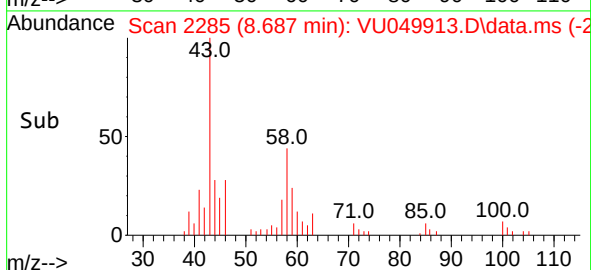
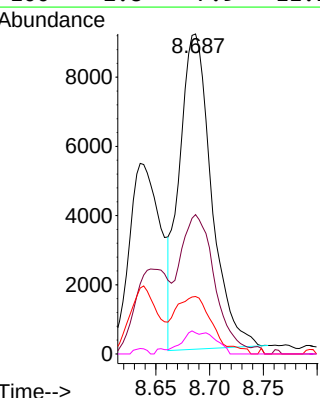
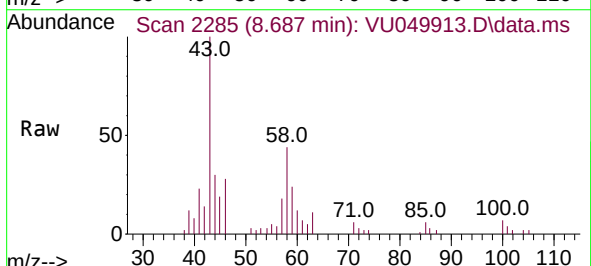
Ion Ratio Lower Upper

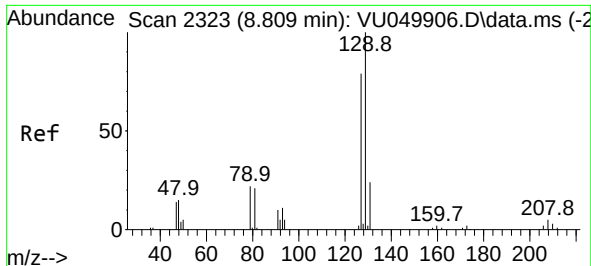
43 100

58 44.8 42.1 63.1

57 21.0 14.3 21.5

100 2.8 7.9 11.9#

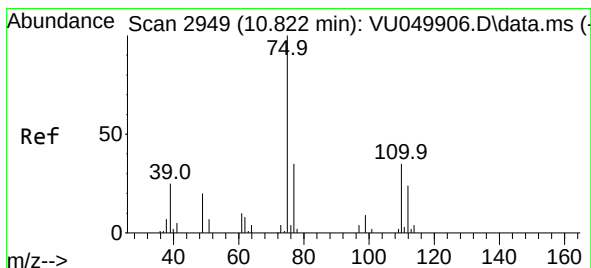
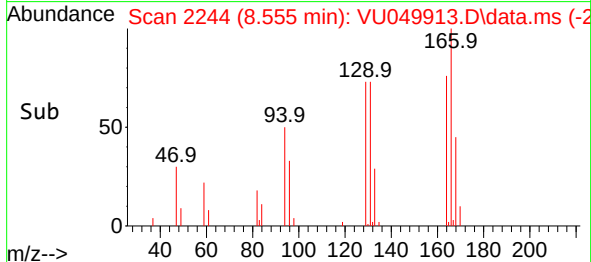
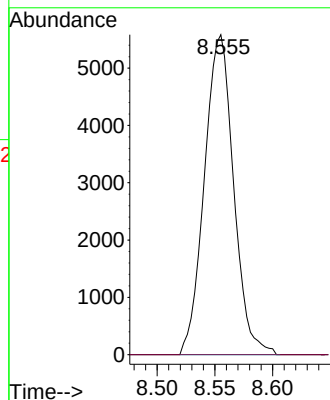
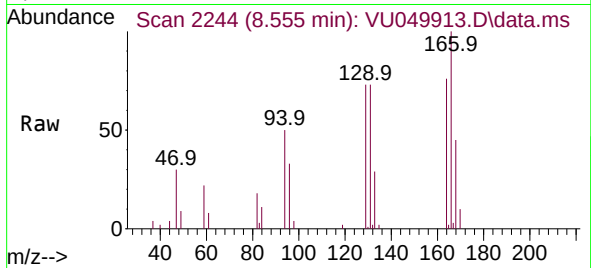




#49
Dibromochloromethane
Concen: 1.480 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU049913.D
Acq: 26 Jul 2022 15:31

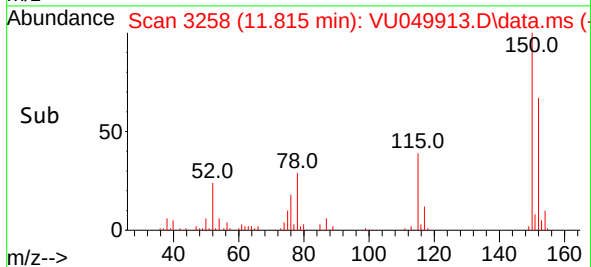
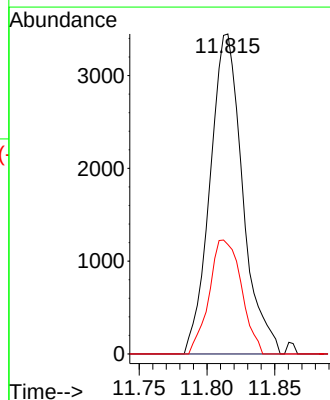
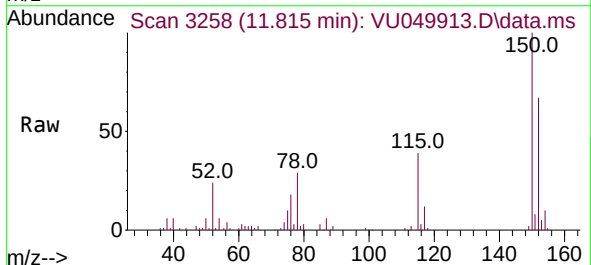
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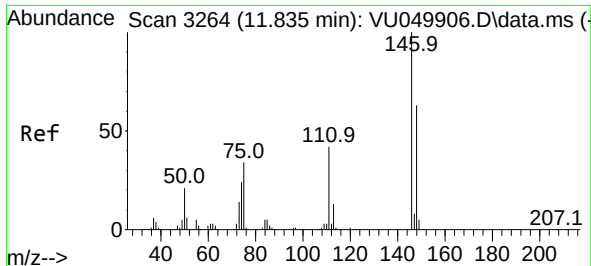
Tgt Ion:129 Resp: 9839
Ion Ratio Lower Upper
129 100
127 0.0 50.5 93.7#



#61
1,2,3-Trichloropropane
Concen: 1.158 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.993 min
Lab File: VU049913.D
Acq: 26 Jul 2022 15:31

Tgt Ion: 75 Resp: 5778
Ion Ratio Lower Upper
75 100
110 0.0 28.0 42.0#
77 35.1 25.4 38.2

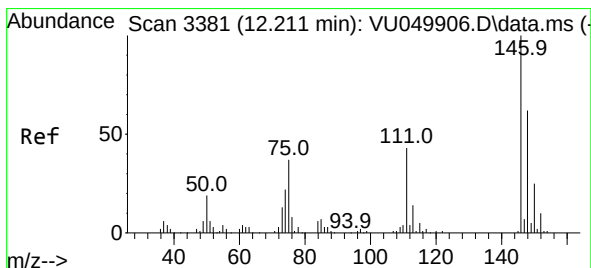
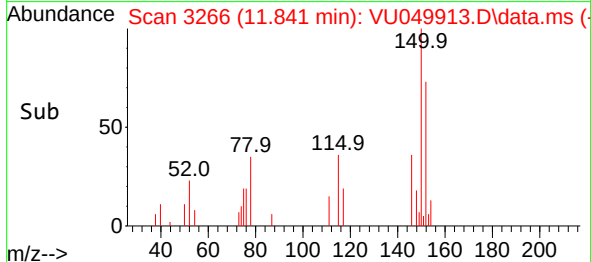
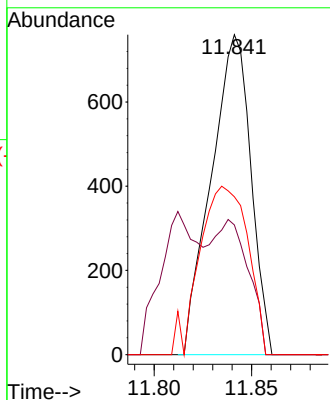
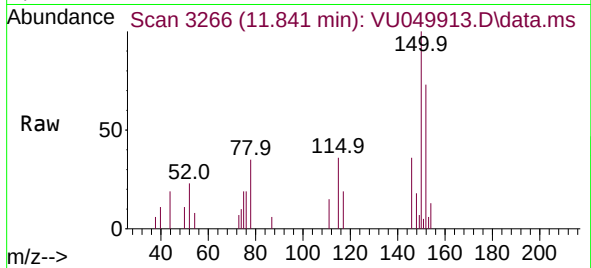




#65
1,4-Dichlorobenzene
Concen: 0.089 ug/L
RT: 11.841 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU049913.D
Acq: 26 Jul 2022 15:31

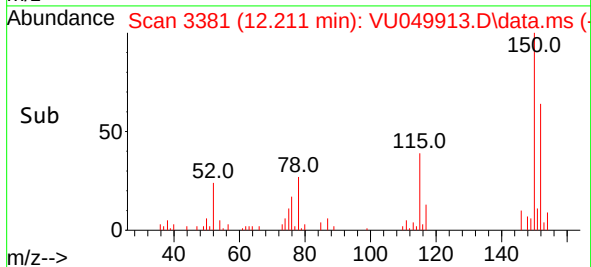
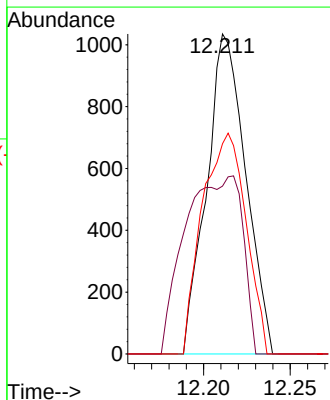
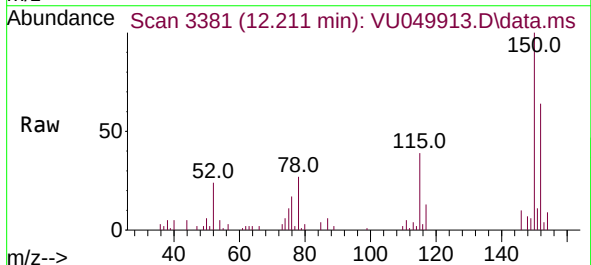
Instrument :
MSVOA_U
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GBJ02DL

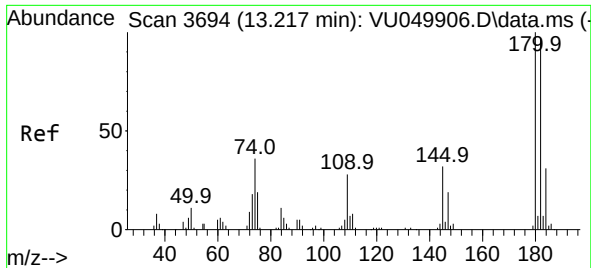
Tgt Ion:146 Resp: 1076
Ion Ratio Lower Upper
146 100
111 40.5 29.5 54.7
148 49.3 44.1 81.9



#67
1,2-Dichlorobenzene
Concen: 0.134 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU049913.D
Acq: 26 Jul 2022 15:31

Tgt Ion:146 Resp: 1621
Ion Ratio Lower Upper
146 100
111 52.5 35.8 53.8
148 65.7 50.3 75.5

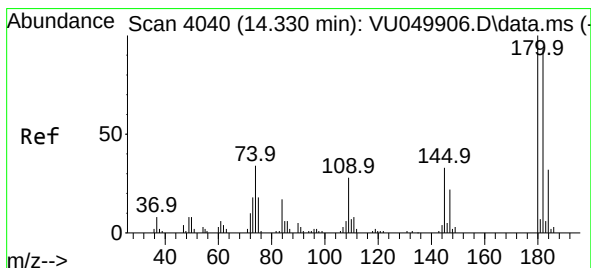
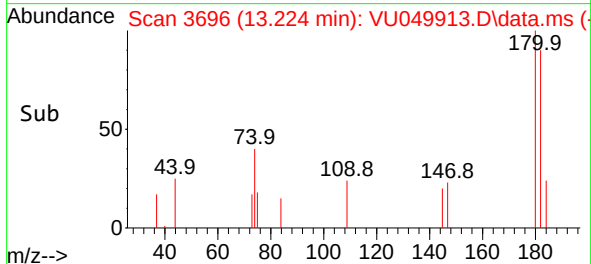
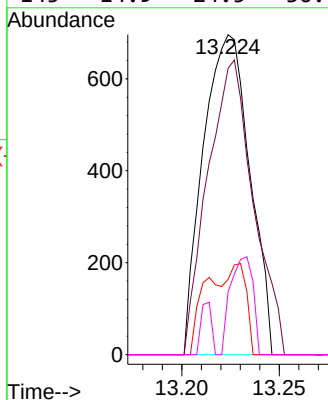
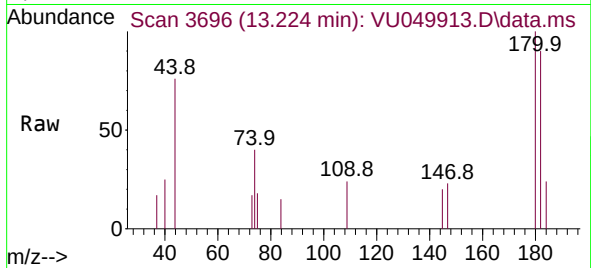




#69
 1,3,5-Trichlorobenzene
 Concen: 0.128 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.006 min
 Lab File: VU049913.D
 Acq: 26 Jul 2022 15:31

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ02DL

Tgt Ion:180 Resp: 1155
 Ion Ratio Lower Upper
 180 100
 182 90.0 77.2 115.8
 184 11.6 25.3 37.9#
 145 14.9 24.5 36.7#



#72
 1,2,3-Trichlorobenzene
 Concen: 0.455 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU049913.D
 Acq: 26 Jul 2022 15:31

Tgt Ion:180 Resp: 3323
 Ion Ratio Lower Upper
 180 100
 182 96.1 73.9 110.9
 145 34.5 27.8 41.6

