

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049912.D
 Acq On : 26 Jul 2022 15:07
 Operator : SY/MD
 Sample : N3850-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COW32

Quant Time: Jul 27 03:57:19 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	87296	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87948	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25111	3.553	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.913	69	25263	4.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.565	65	10692	3.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.633	46	138208	54.351	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.700%
24) Chloroform-d	5.064	84	71057	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.700	65	41601	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.726	84	121933	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.691	67	46580	4.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.896	98	94992	3.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.179	79	15098	4.017	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.636	63	67243	45.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.280%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42190	4.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	37949	4.594	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1426	0.126	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	363	0.064	ug/L #	21
13) Acetone	2.646	43	11681	7.637	ug/L	95
21) 2-Butanone	4.723	43	5036	1.941	ug/L	82
35) Methylcyclohexane	6.691	83	10766	1.128	ug/L #	15
37) 1,2-Dichloropropane	6.687	63	5006	0.550	ug/L #	89
48) 2-Hexanone	8.687	43	25817	5.452	ug/L	91
49) Dibromochloromethane	8.555	129	412	0.057	ug/L #	14
51) Chlorobenzene	9.443	112	2069	0.102	ug/L #	81
52) Ethylbenzene	9.571	91	2723	0.083	ug/L	92
53) m,p-Xylene	9.703	106	1843	0.153	ug/L	85
55) Styrene	10.118	104	1691	0.084	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	3110	0.240	ug/L #	76
67) 1,2-Dichlorobenzene	12.211	146	6077	0.470	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	3592	0.372	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	10967	1.406	ug/L	96

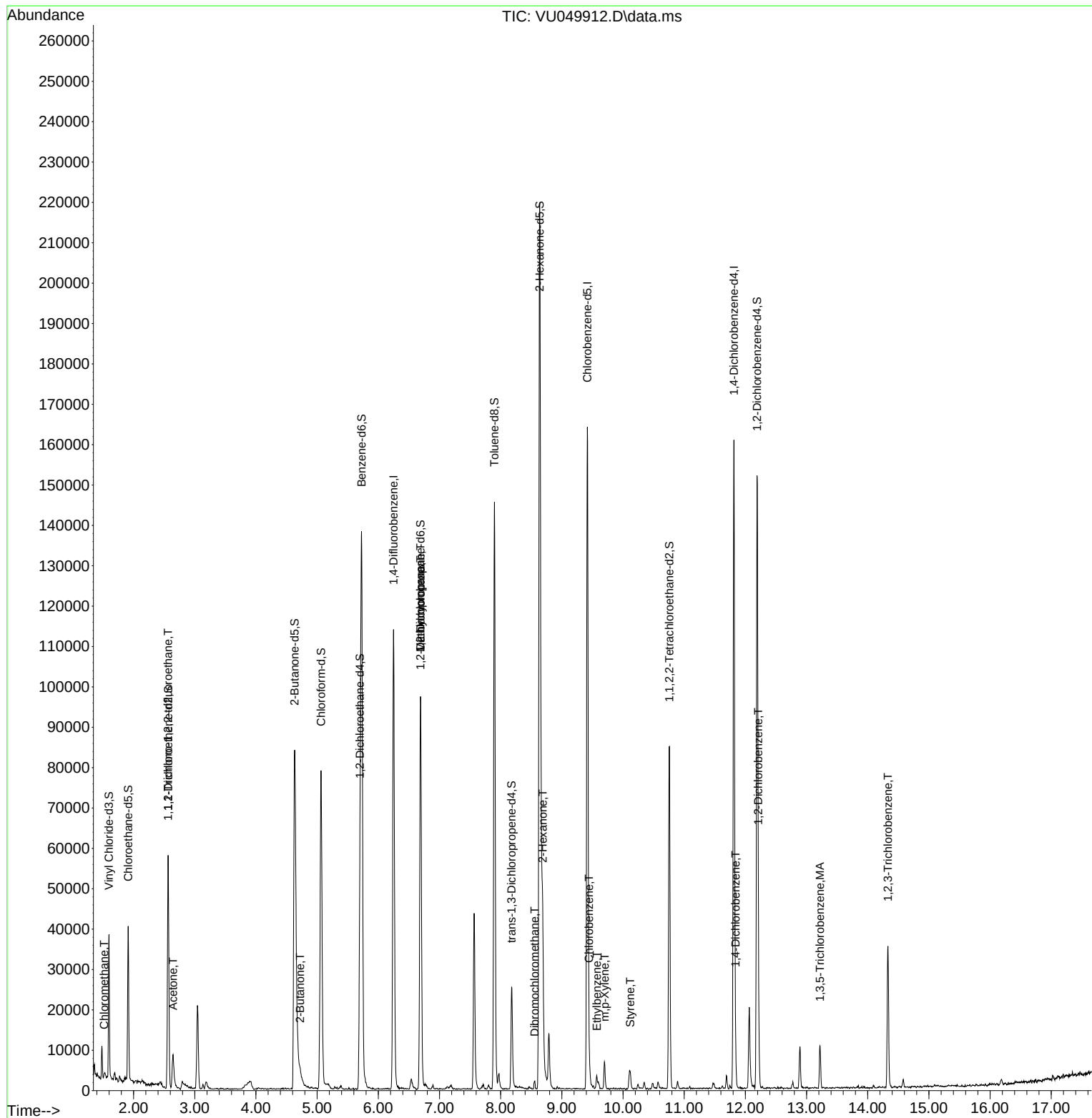
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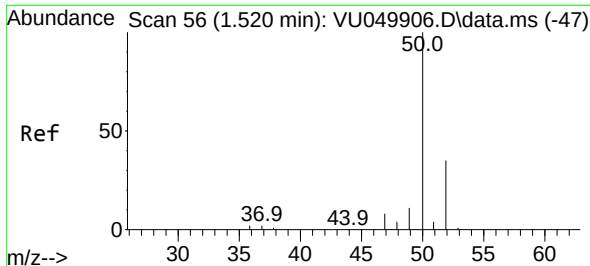
Instrument :
MSVOA_U
ClientSampleId :
C0W32

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Quant Time: Jul 27 03:57:19 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

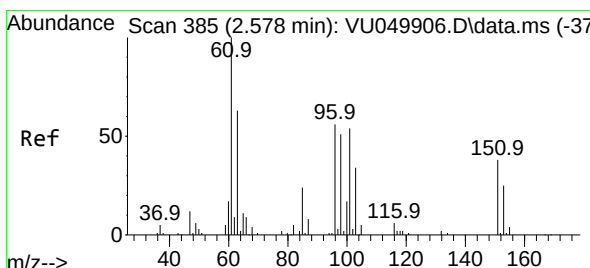
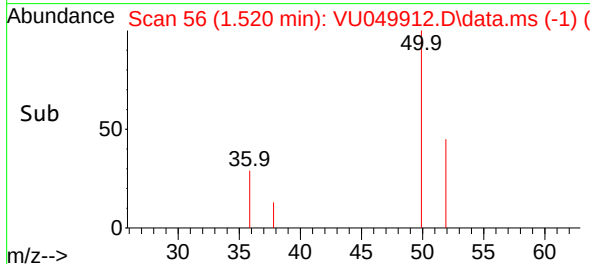
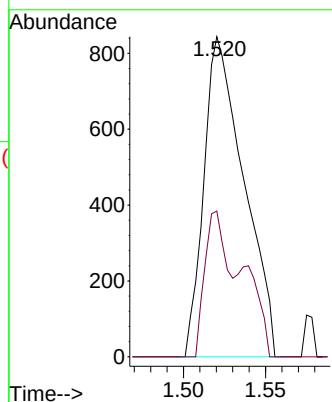
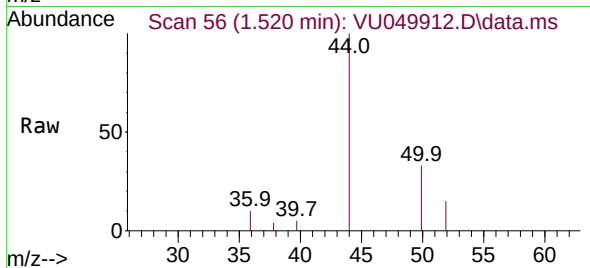




#3
Chloromethane
Concen: 0.126 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049912.D
Acq: 26 Jul 2022 15:07

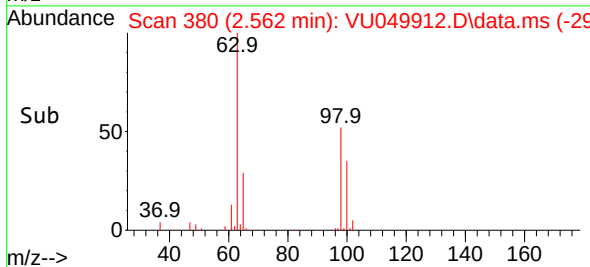
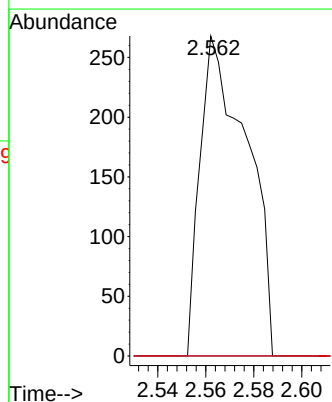
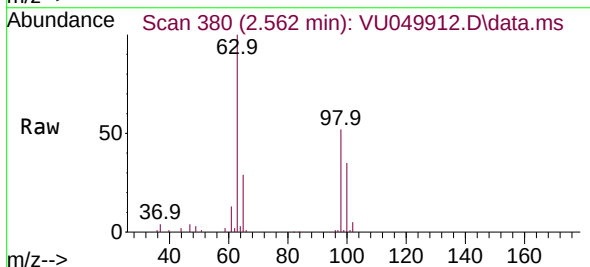
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MSVOA_U
ClientSampleId :
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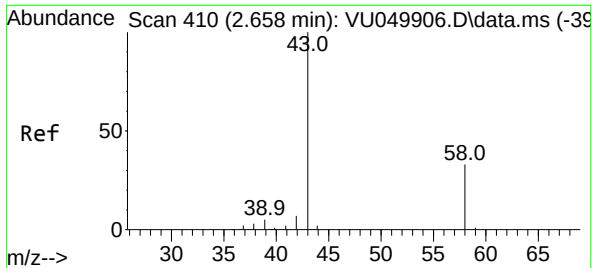
Tgt Ion: 50 Resp: 1426
Ion Ratio Lower Upper
50 100
52 45.5 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.064 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU049912.D
Acq: 26 Jul 2022 15:07

Tgt Ion: 101 Resp: 363
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8#
151 0.0 56.0 84.0#





#13

Acetone

Concen: 7.637 ug/L

RT: 2.646 min Scan# 410

Delta R.T. -0.013 min

Lab File: VU049912.D

Acq: 26 Jul 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

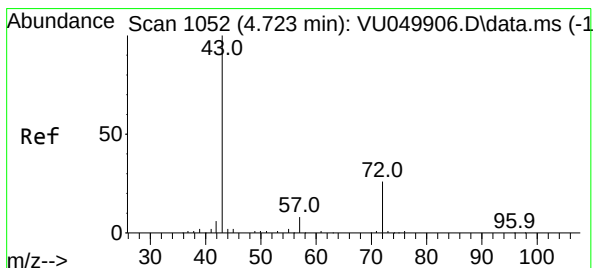
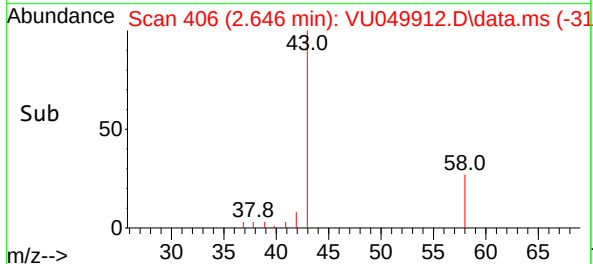
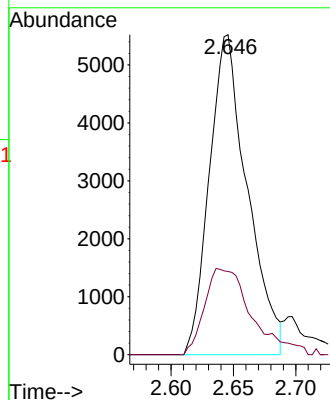
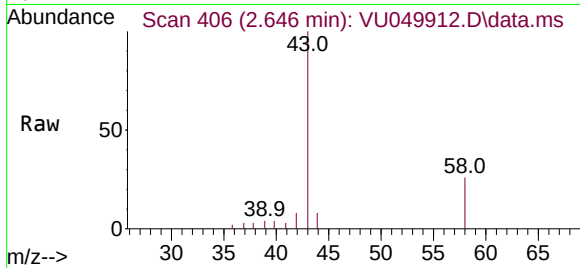
COW32

Tgt Ion: 43 Resp: 11681

Ion Ratio Lower Upper

43 100

58 33.3 0.0 61.0



#21

2-Butanone

Concen: 1.941 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VU049912.D

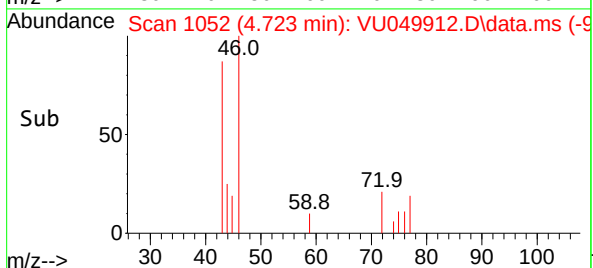
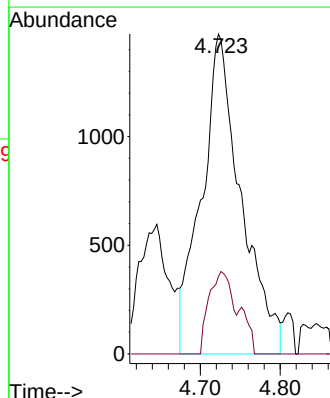
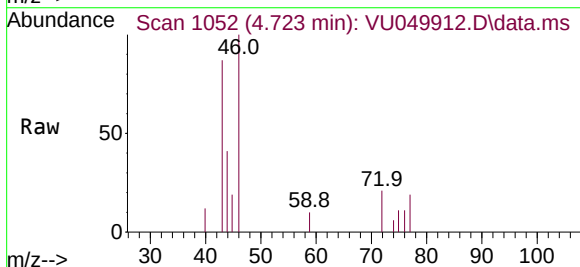
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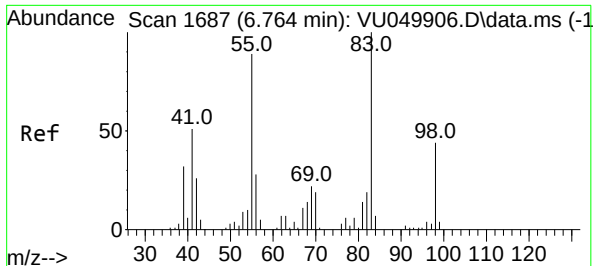
Tgt Ion: 43 Resp: 5036

Ion Ratio Lower Upper

43 100

72 15.1 11.9 35.5

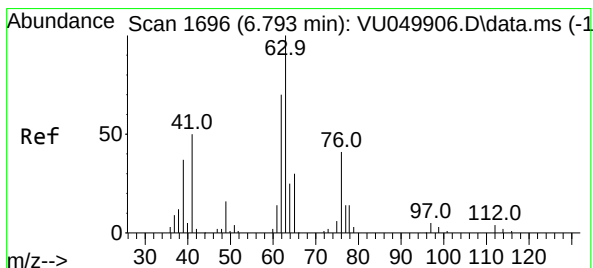
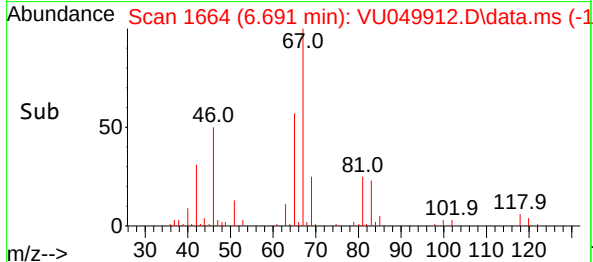
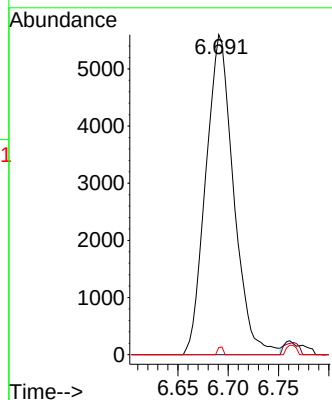
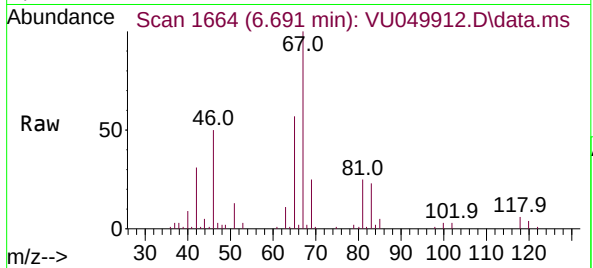




#35
Methylcyclohexane
Concen: 1.128 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049912.D
Acq: 26 Jul 2022 15:07

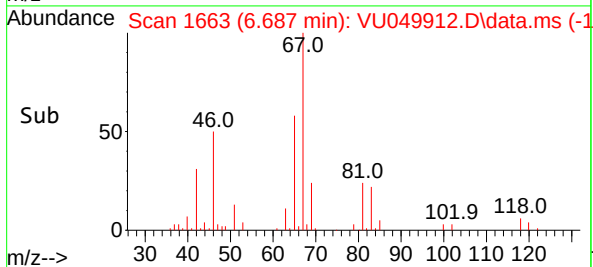
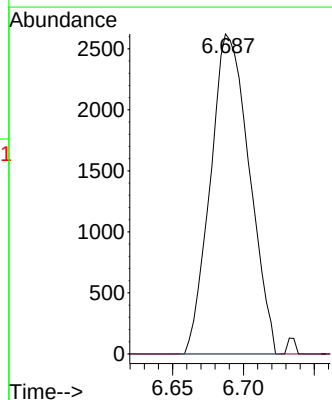
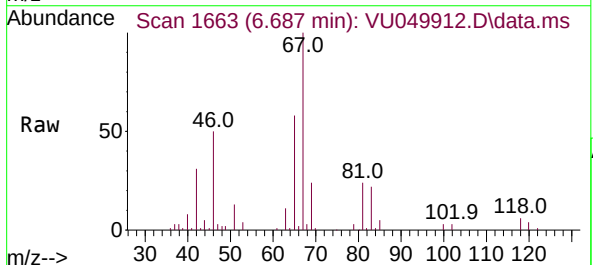
Instrument :
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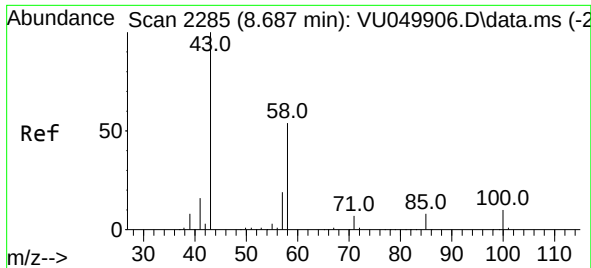
Tgt Ion: 83 Resp: 10766
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.5 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.106 min
Lab File: VU049912.D
Acq: 26 Jul 2022 15:07

Tgt Ion: 63 Resp: 5006
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

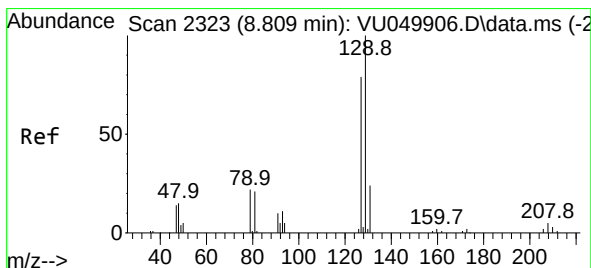
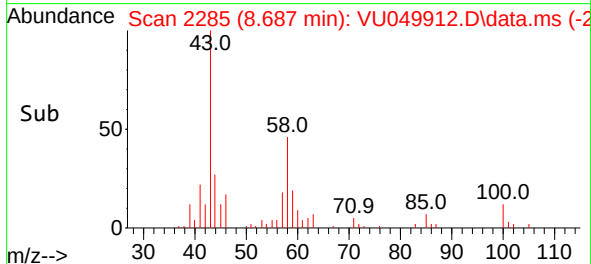
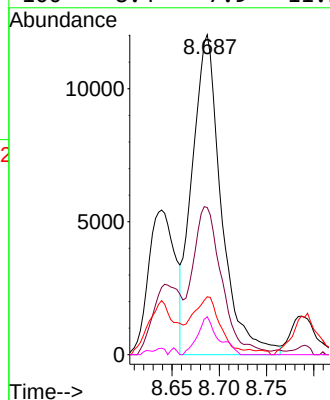
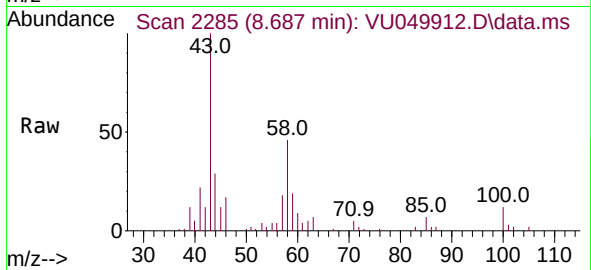




#48
2-Hexanone
Concen: 5.452 ug/L
RT: 8.687 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU049912.D
Acq: 26 Jul 2022 15:07

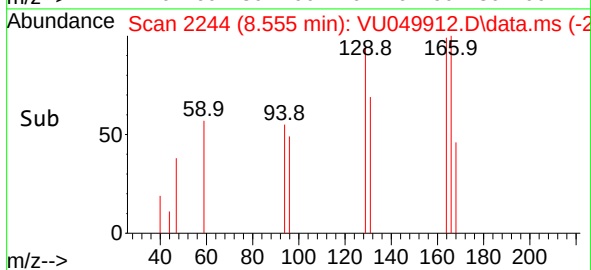
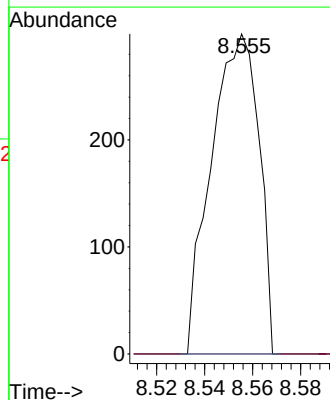
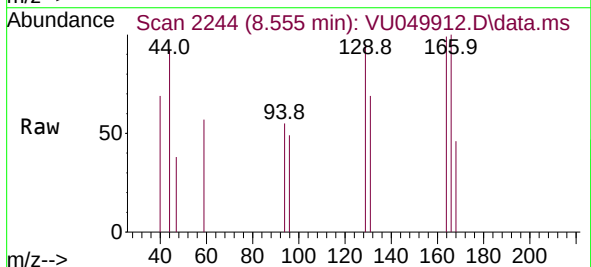
Instrument :
MSVOA_U
ClientSampleId :
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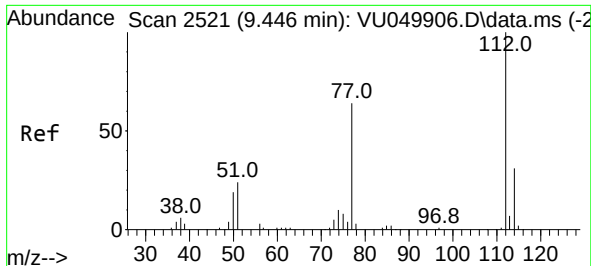
Tgt Ion: 43	Resp: 25817
Ion Ratio	Lower Upper
43 100	
58 44.5	42.1 63.1
57 15.6	14.3 21.5
100 8.4	7.9 11.9



#49
Dibromochloromethane
Concen: 0.057 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.254 min
Lab File: VU049912.D
Acq: 26 Jul 2022 15:07

Tgt Ion:129	Resp:	412	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	50.5	93.7#

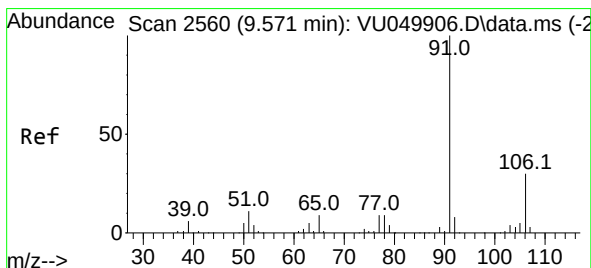
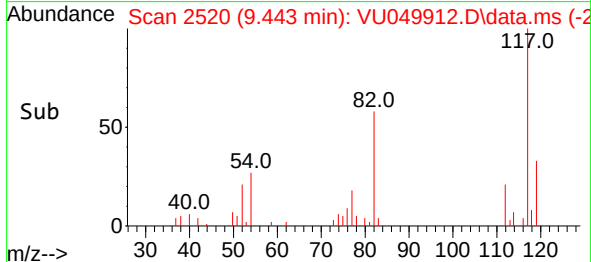
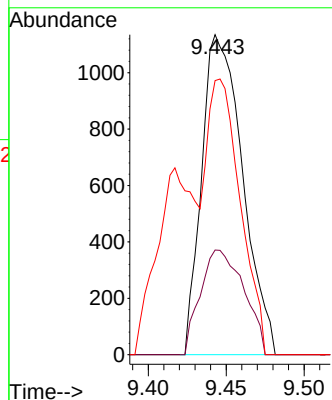
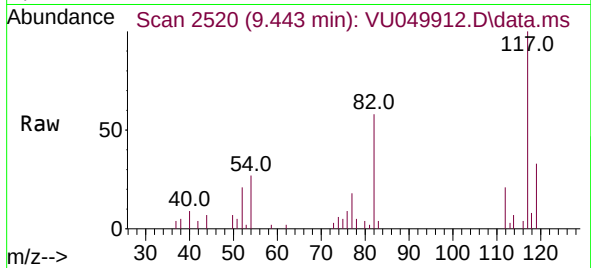




#51
Chlorobenzene
Concen: 0.102 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049912.D
Acq: 26 Jul 2022 15:07

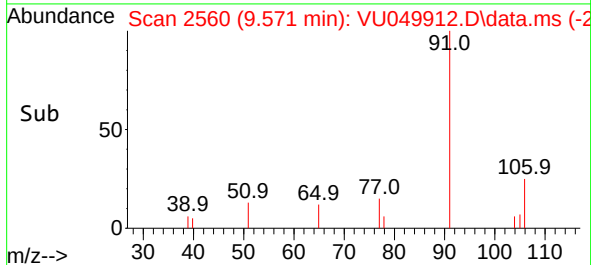
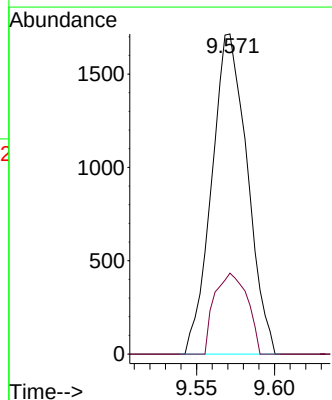
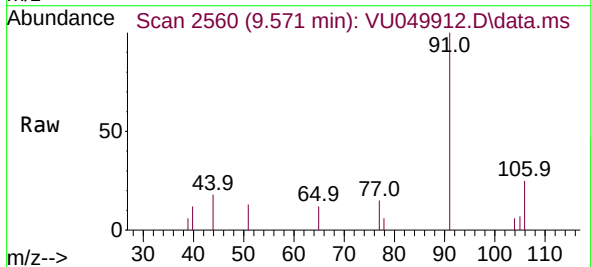
Instrument :
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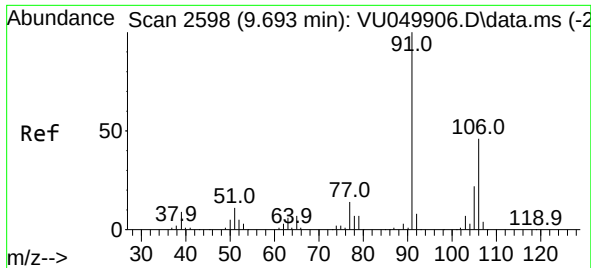
Tgt Ion:112	Resp:	2069
Ion Ratio	Lower	Upper
112	100	
114	32.7	22.4 41.6
77	85.6	51.2 76.8#



#52
Ethylbenzene
Concen: 0.083 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049912.D
Acq: 26 Jul 2022 15:07

Tgt Ion: 91	Resp:	2723
Ion Ratio	Lower	Upper
91	100	
106	25.2	20.6 38.4

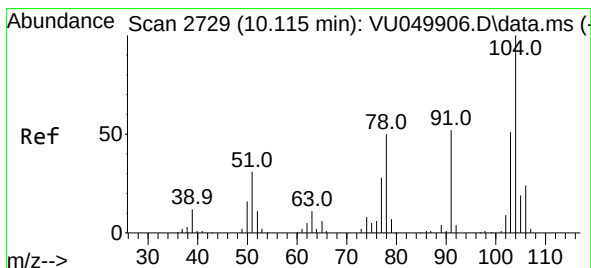
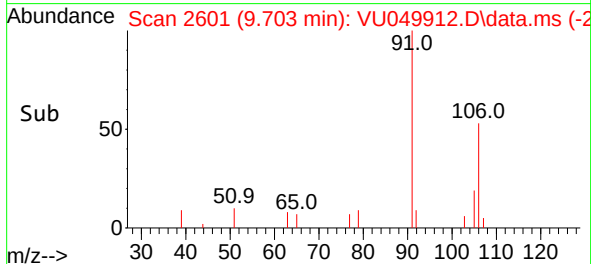
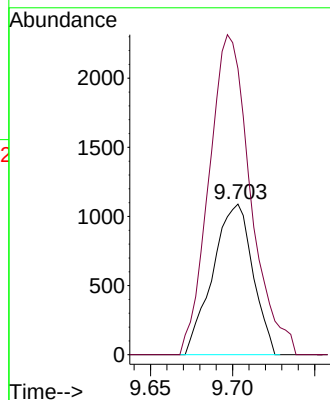
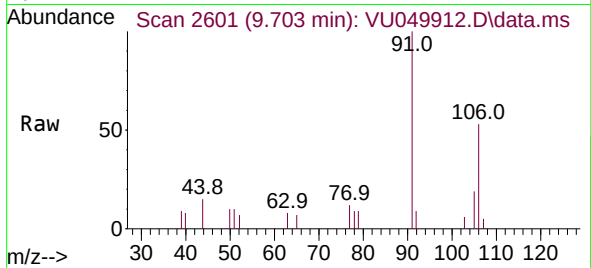




#53
m,p-Xylene
Concen: 0.153 ug/L
RT: 9.703 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU049912.D
Acq: 26 Jul 2022 15:07

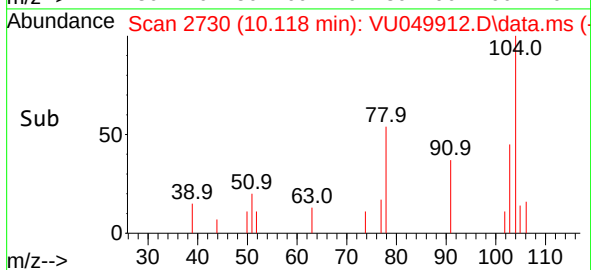
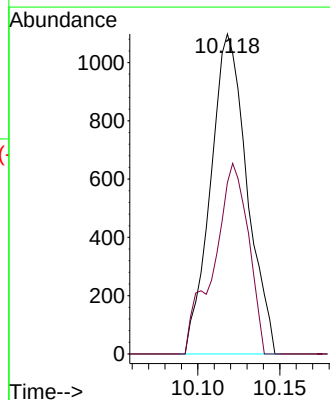
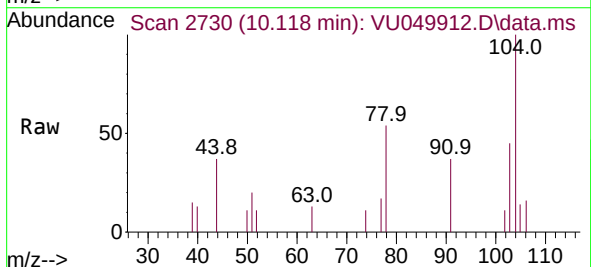
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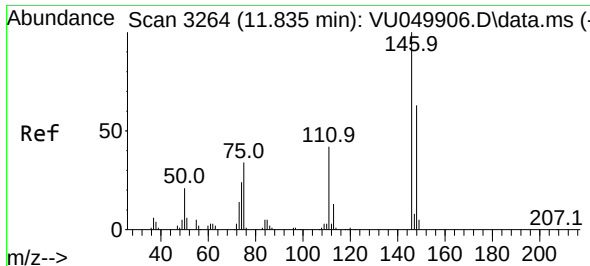
Tgt Ion:106 Resp: 1843
Ion Ratio Lower Upper
106 100
91 189.9 149.7 277.9



#55
Styrene
Concen: 0.084 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU049912.D
Acq: 26 Jul 2022 15:07

Tgt Ion:104 Resp: 1691
Ion Ratio Lower Upper
104 100
78 53.6 35.1 65.3

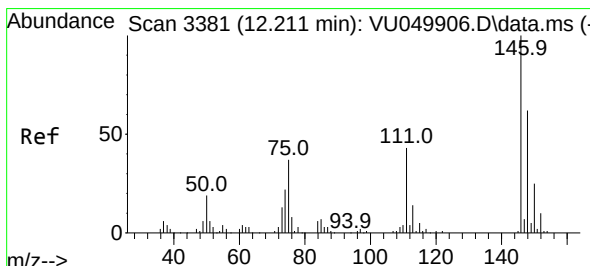
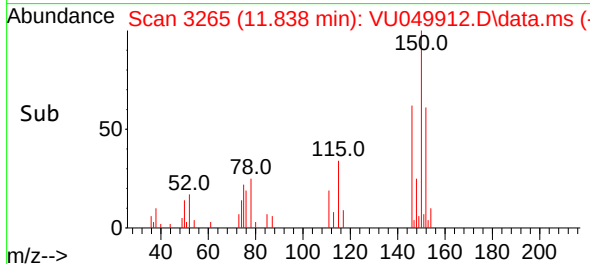
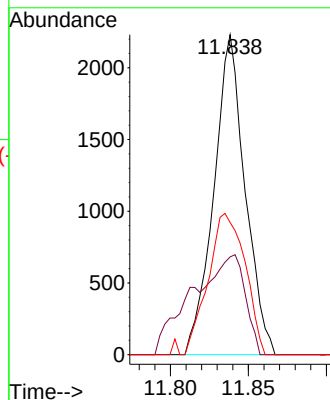
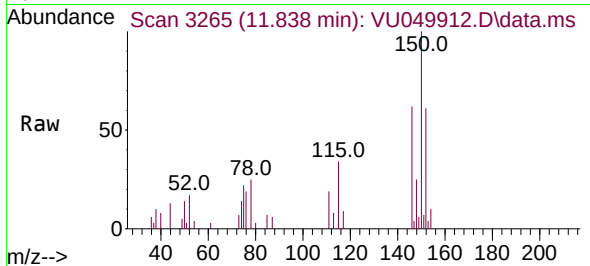




#65
1,4-Dichlorobenzene
Concen: 0.240 ug/L
RT: 11.838 min Scan# 3110
Delta R.T. 0.003 min
Lab File: VU049912.D
Acq: 26 Jul 2022 15:07

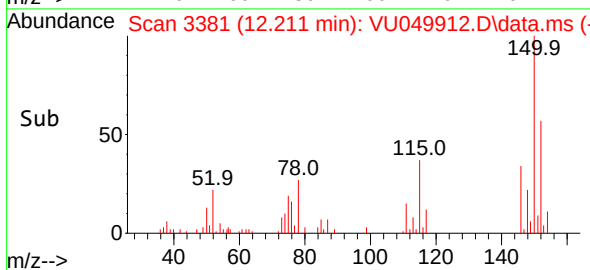
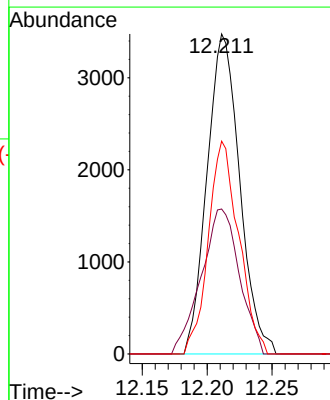
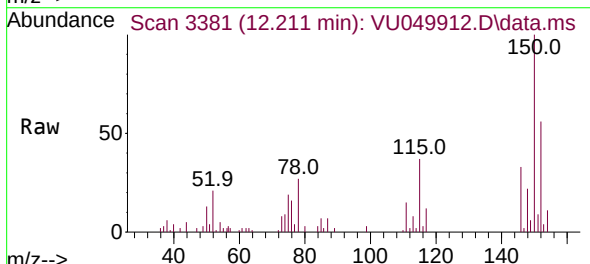
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MSVOA_U
ClientSampleId :
COW32

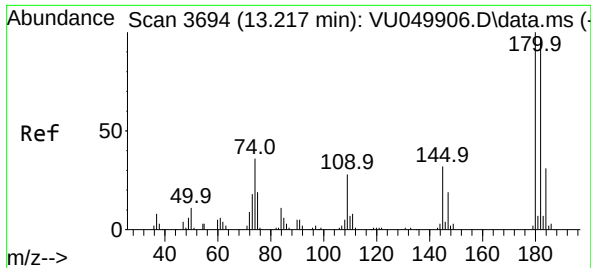
Tgt Ion:146 Resp: 3110
Ion Ratio Lower Upper
146 100
111 30.6 29.5 54.7
148 41.3 44.1 81.9#



#67
1,2-Dichlorobenzene
Concen: 0.470 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU049912.D
Acq: 26 Jul 2022 15:07

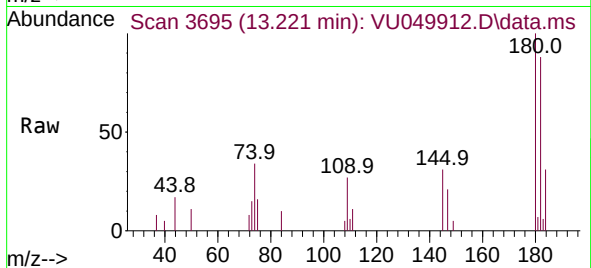
Tgt Ion:146 Resp: 6077
Ion Ratio Lower Upper
146 100
111 45.3 35.8 53.8
148 66.5 50.3 75.5



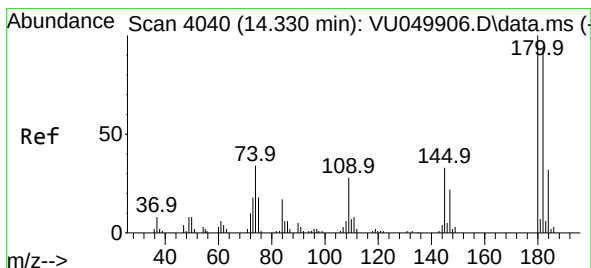
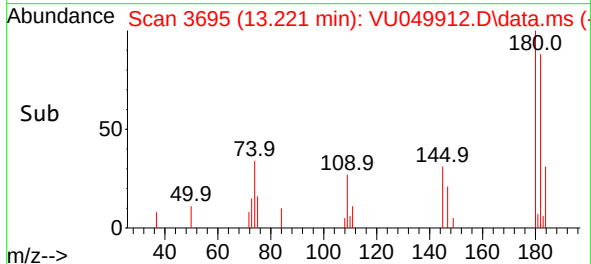
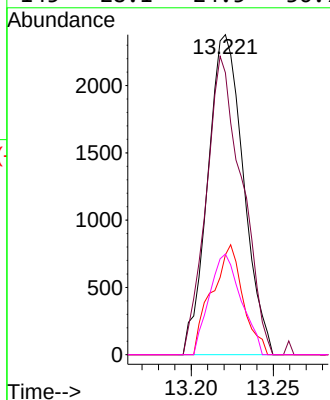


#69
 1,3,5-Trichlorobenzene
 Concen: 0.372 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU049912.D
 Acq: 26 Jul 2022 15:07

Instrument :
 MSVOA_U
 ClientSampleId :
 COW32



Tgt Ion:180 Resp: 3592
 Ion Ratio Lower Upper
 180 100
 182 93.4 77.2 115.8
 184 30.0 25.3 37.9
 145 28.1 24.5 36.7



#72
 1,2,3-Trichlorobenzene
 Concen: 1.406 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU049912.D
 Acq: 26 Jul 2022 15:07

Tgt Ion:180 Resp: 10967
 Ion Ratio Lower Upper
 180 100
 182 96.6 73.9 110.9
 145 33.6 27.8 41.6

