

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043814.D
 Acq On : 18 May 2021 15:20
 Operator : SY/MD
 Sample : M2444-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 19 01:42:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

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

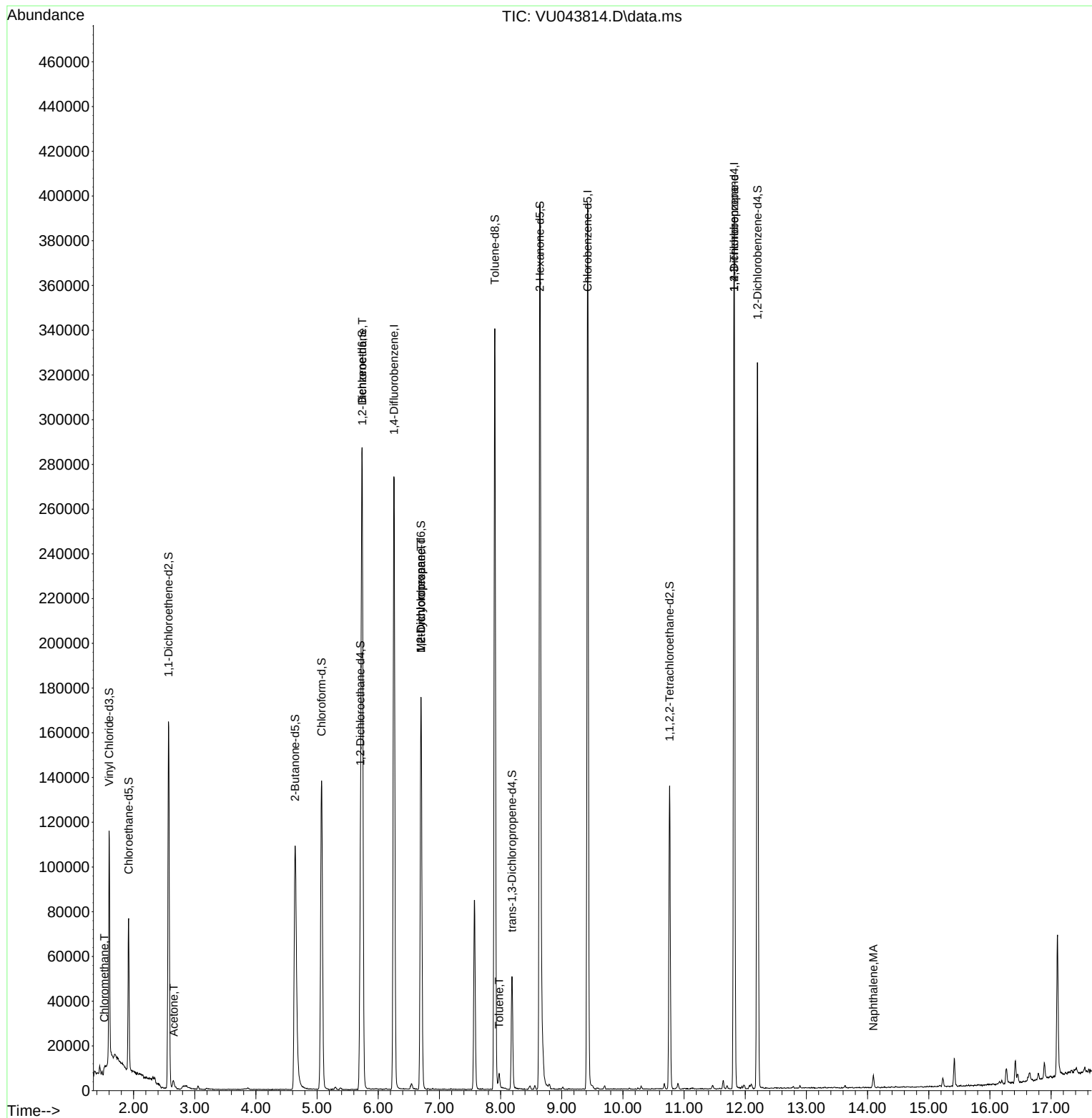
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	228152	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	229483	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	107811	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	72570	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.919	69	49297	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.572	65	30366	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.642	46	183361	57.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.64%
24) Chloroform-d	5.073	84	131991	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.710	65	66758	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.735	84	272971	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.700	67	87159	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.906	98	231002	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloroprop...	8.185	79	29513	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.642	63	143129	46.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.18%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	68621	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	92026	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1600	0.08	ug/L	97
13) Acetone	2.655	43	5160	2.54	ug/L	89
27) 1,2-Dichloroethane	5.739	62	1324	0.08	ug/L #	74
35) Methylcyclohexane	6.700	83	20291	0.77	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8199	0.47	ug/L #	88
42) Toluene	7.976	91	4745	0.07	ug/L	97
61) 1,2,3-Trichloropropane	11.819	75	11851	1.15	ug/L #	69
71) Naphthalene	14.095	128	5184	0.15	ug/L #	96

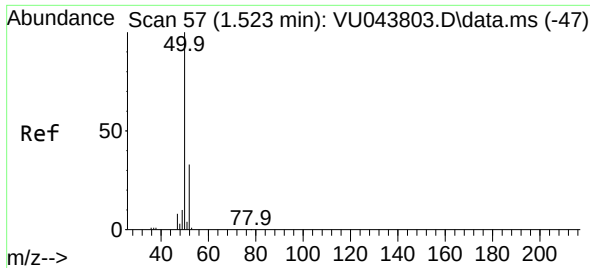
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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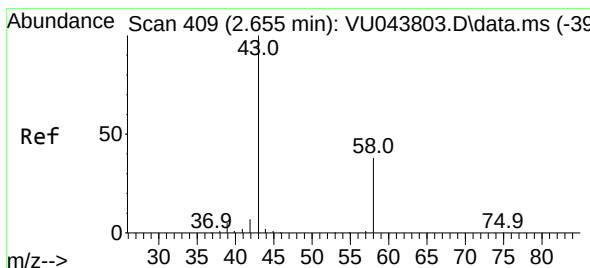
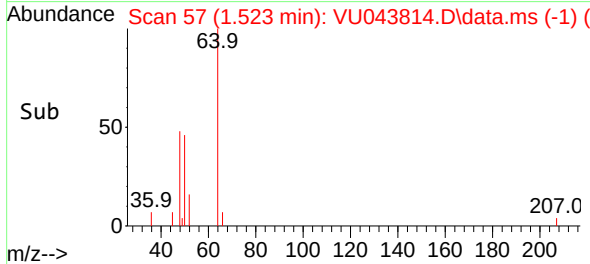
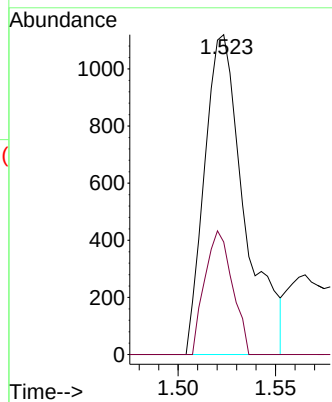
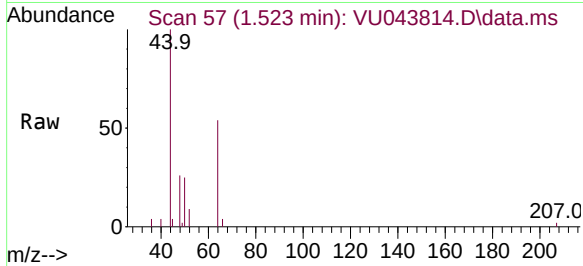




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043814.D
Acq: 18 May 2021 15:20

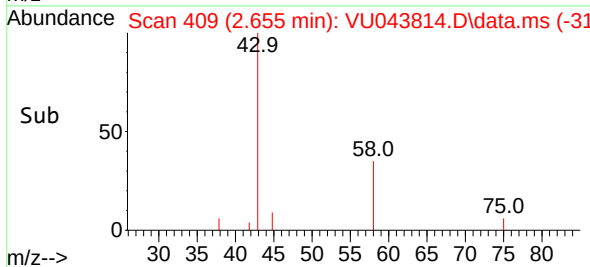
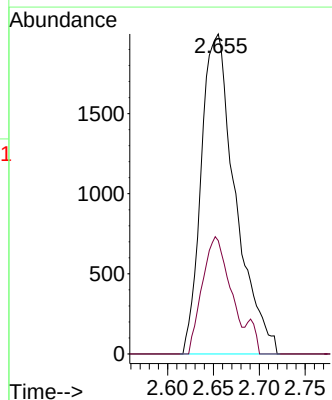
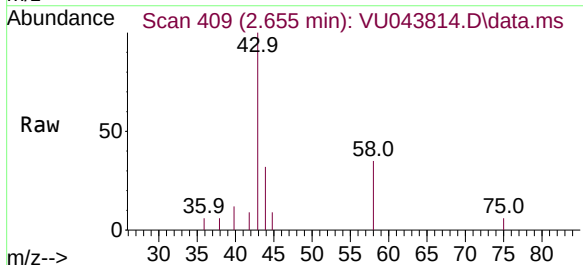
Instrument :
MSVOA_U
ClientSampled :

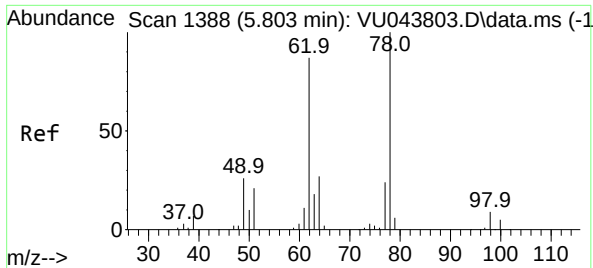
Tgt Ion: 50 Resp: 1600
Ion Ratio Lower Upper
50 100
52 35.2 23.2 43.2



#13
Acetone
Concen: 2.54 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.000 min
Lab File: VU043814.D
Acq: 18 May 2021 15:20

Tgt Ion: 43 Resp: 5160
Ion Ratio Lower Upper
43 100
58 29.6 0.0 71.6

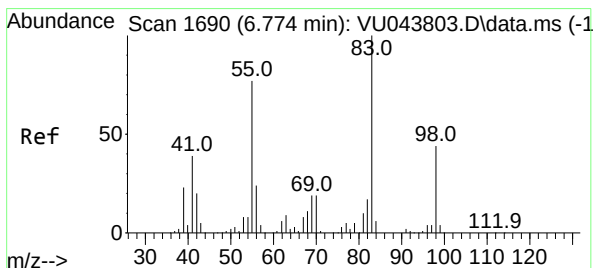
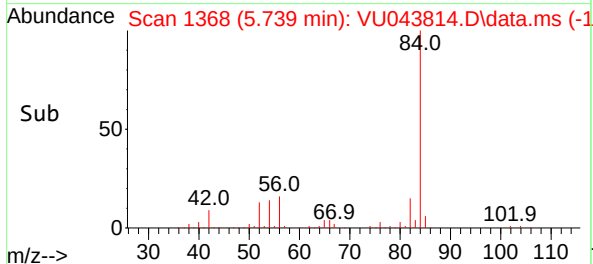
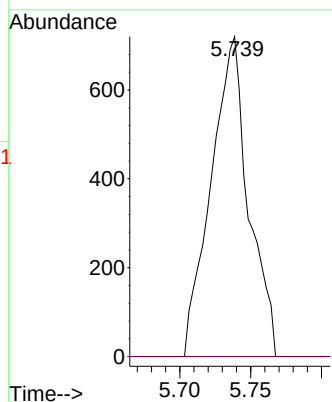
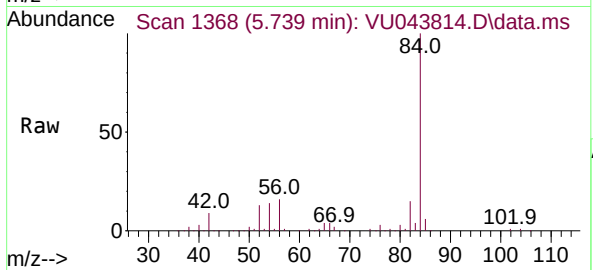




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU043814.D
Acq: 18 May 2021 15:20

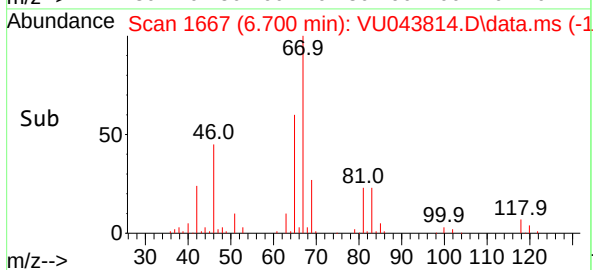
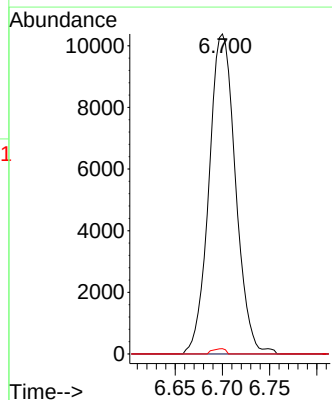
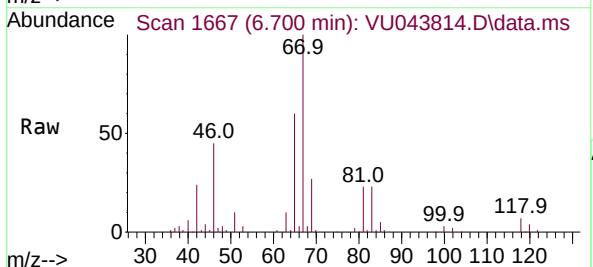
Instrument :
MSVOA_U
ClientSampled :

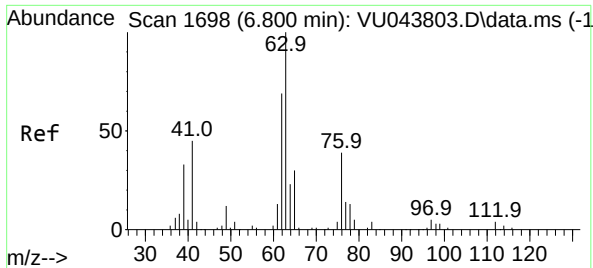
Tgt Ion: 62 Resp: 1324
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043814.D
Acq: 18 May 2021 15:20

Tgt Ion: 83 Resp: 20291
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.8 35.9 53.9#



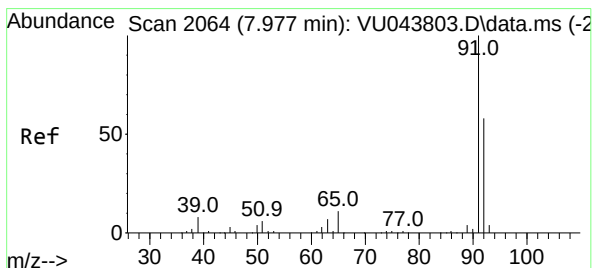
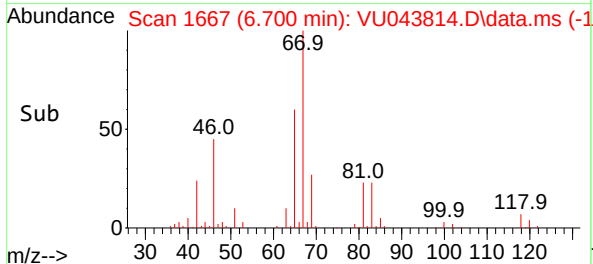
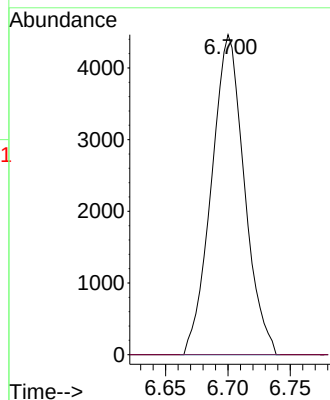
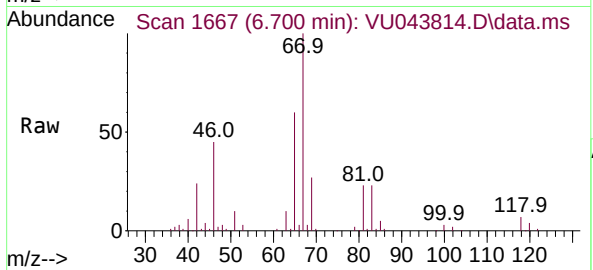


#37

1,2-Dichloropropane
Concen: 0.47 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043814.D
Acq: 18 May 2021 15:20

Instrument :
MSVOA_U
ClientSampled :

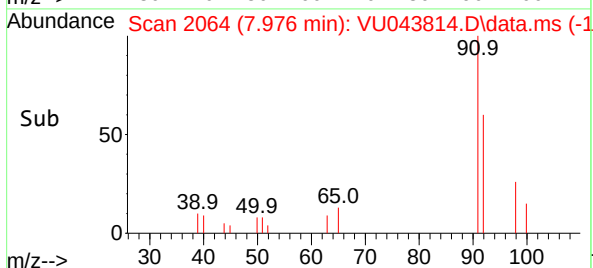
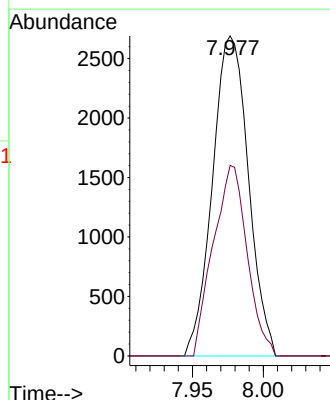
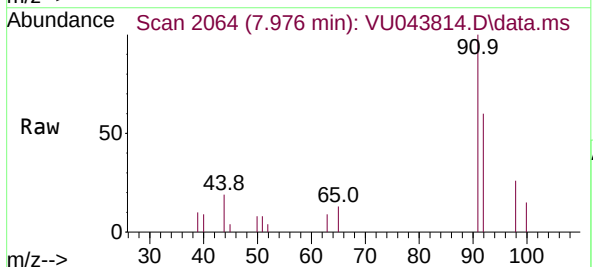
Tgt Ion: 63 Resp: 8199
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

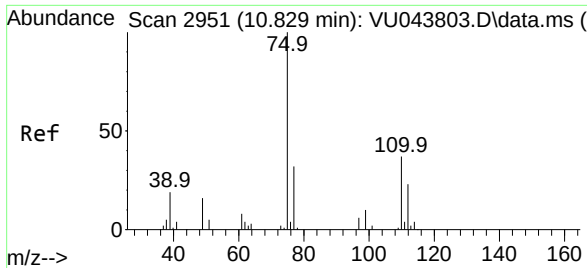


#42

Toluene
Concen: 0.07 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043814.D
Acq: 18 May 2021 15:20

Tgt Ion: 91 Resp: 4745
Ion Ratio Lower Upper
91 100
92 59.6 40.3 74.8

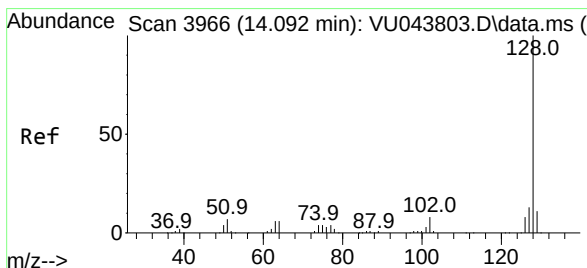
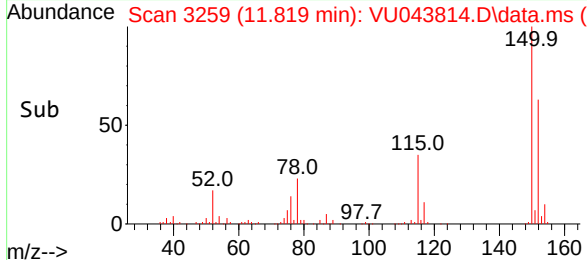
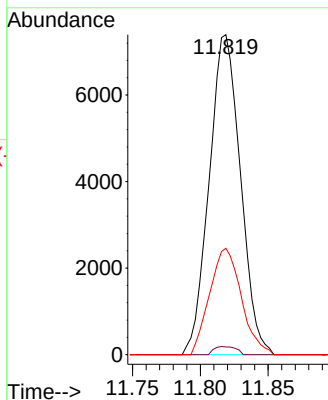
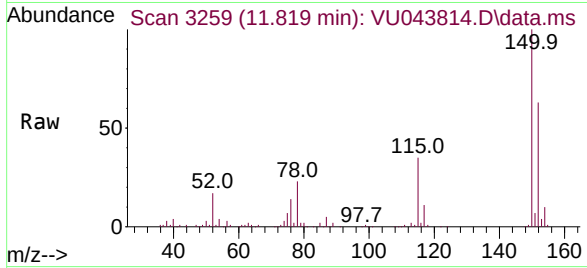




#61
1,2,3-Trichloropropane
Concen: 1.15 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043814.D
Acq: 18 May 2021 15:20

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 11851
Ion Ratio Lower Upper
75 100
110 1.8 27.9 41.9#
77 33.7 25.9 38.9



#71
Naphthalene
Concen: 0.15 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043814.D
Acq: 18 May 2021 15:20

Tgt Ion: 128 Resp: 5184
Ion Ratio Lower Upper
128 100
129 8.0 8.7 13.1#
127 13.1 10.2 15.4

