

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043635.D
 Acq On : 10 May 2021 13:54
 Operator : SY/MD
 Sample : M2271-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 03:59:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

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

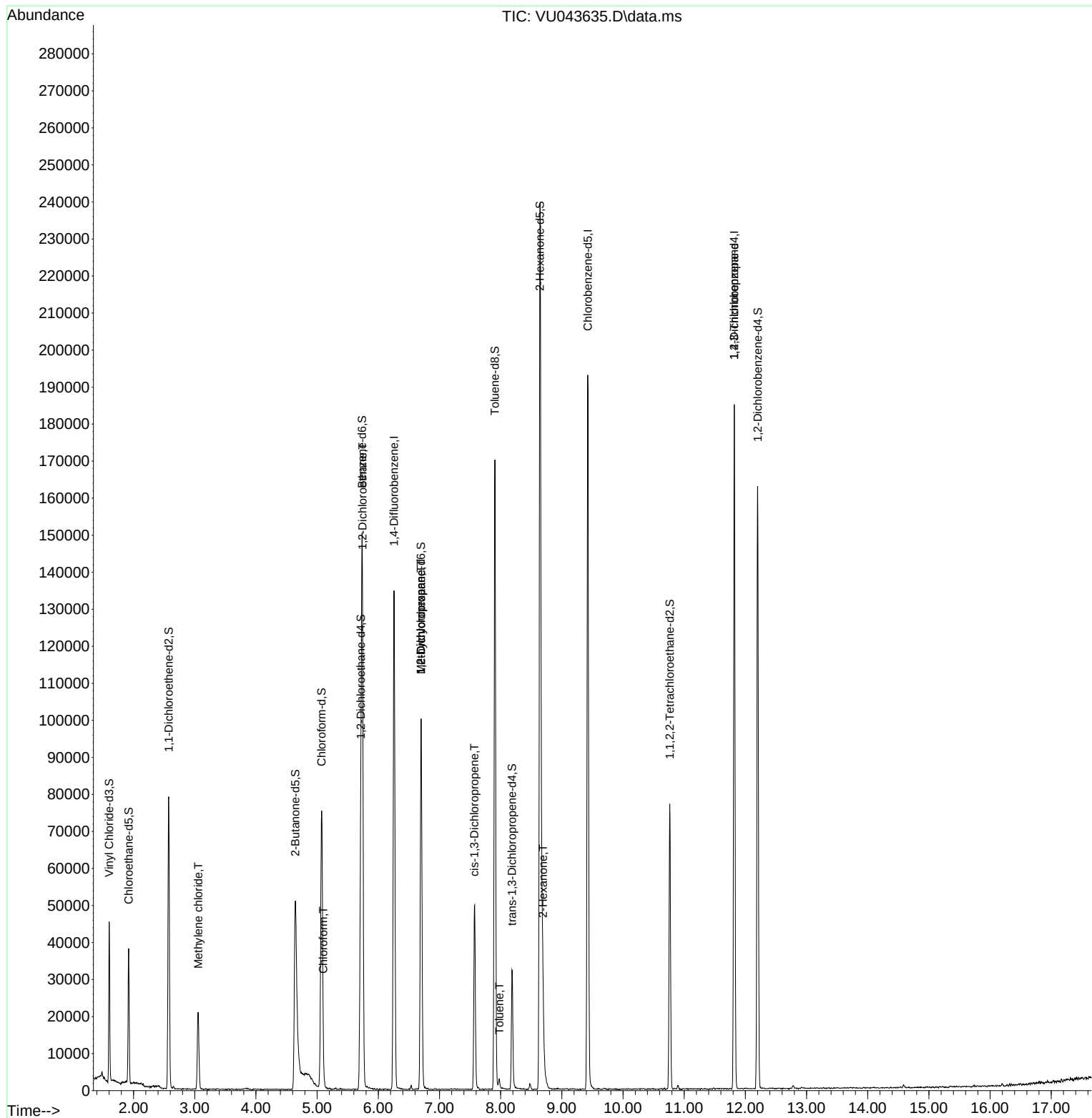
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	98360	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	96885	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	43191	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29325	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.919	69	24787	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.575	65	15729	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.646	46	104830	42.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.38%
24) Chloroform-d	5.073	84	67580	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.713	65	42616	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.736	84	124246	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.700	67	44704	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.906	98	103445	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloroprop...	8.186	79	16439	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.642	63	88098	56.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.30%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37389	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
66) 1,2-Dichlorobenzene-d4	12.202	152	39348	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						Qvalue
16) Methylene chloride	3.057	84	8576	0.97	ug/L	98
25) Chloroform	5.099	83	1996	0.14	ug/L	89
27) 1,2-Dichloroethane	5.742	62	912	0.09	ug/L #	78
35) Methylcyclohexane	6.700	83	9741	1.16	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4861	0.64	ug/L #	90
39) cis-1,3-Dichloropropene	7.568	75	1285	0.13	ug/L #	79
42) Toluene	7.980	91	1693	0.06	ug/L	98
48) 2-Hexanone	8.690	43	6270	1.36	ug/L #	76
61) 1,2,3-Trichloropropane	11.819	75	6199	1.42	ug/L #	69

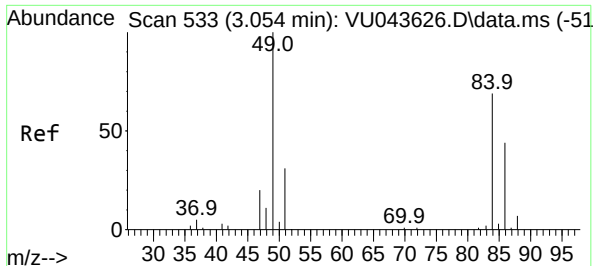
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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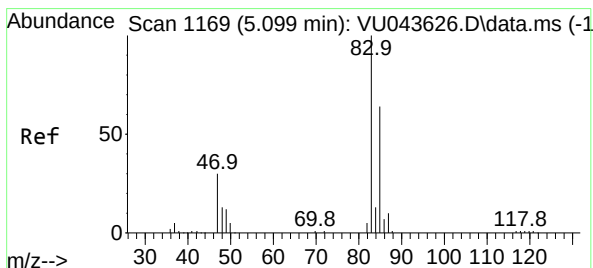
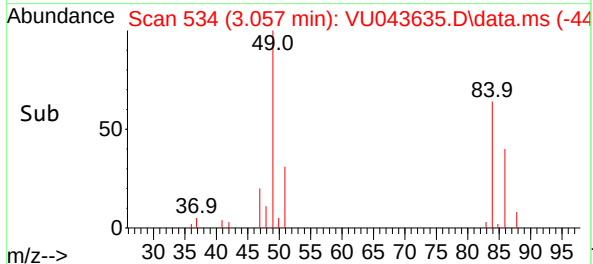
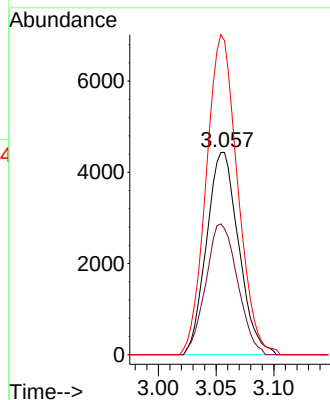
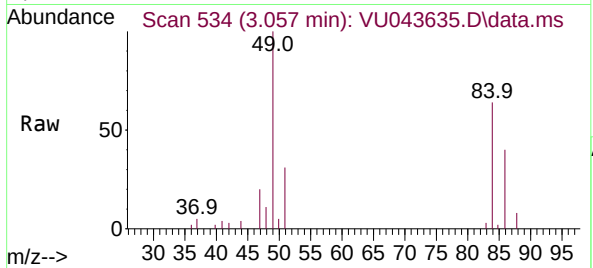




#16
Methylene chloride
Concen: 0.97 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043635.D
Acq: 10 May 2021 13:54

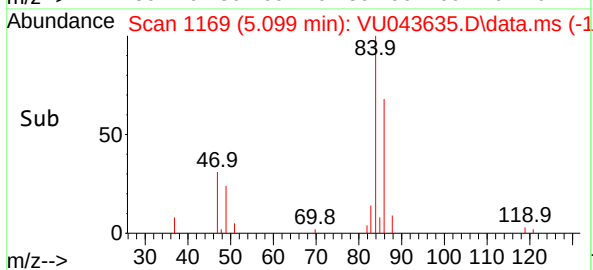
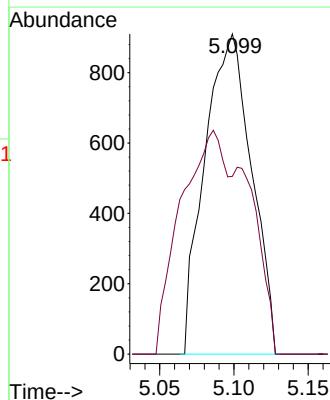
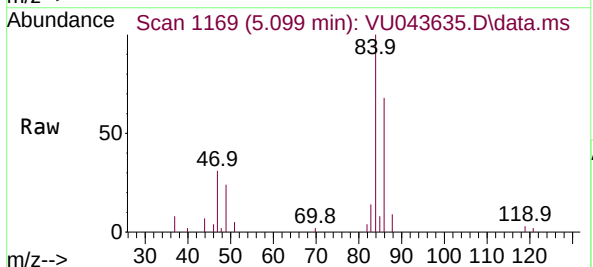
Instrument :
MSVOA_U
ClientSampleId :

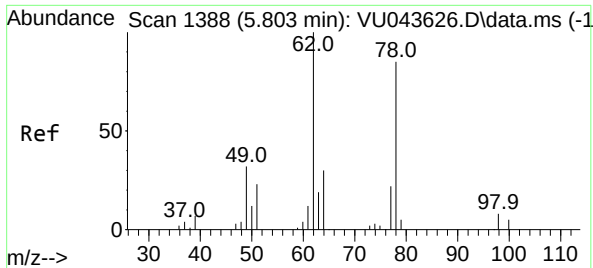
Tgt Ion: 84 Resp: 8576
Ion Ratio Lower Upper
84 100
86 62.3 45.6 84.6
49 155.3 107.0 198.8



#25
Chloroform
Concen: 0.14 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043635.D
Acq: 10 May 2021 13:54

Tgt Ion: 83 Resp: 1996
Ion Ratio Lower Upper
83 100
85 55.5 45.1 83.9

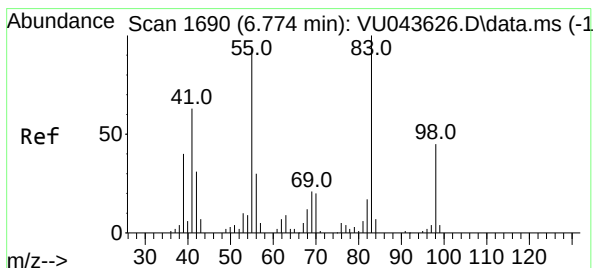
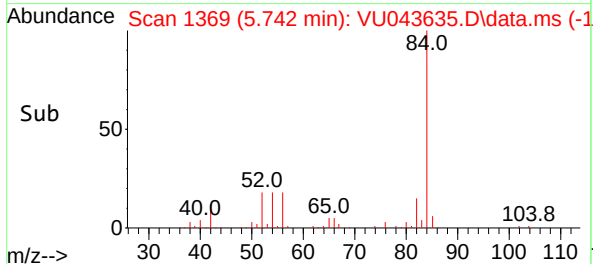
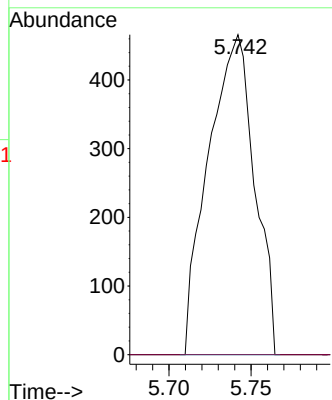
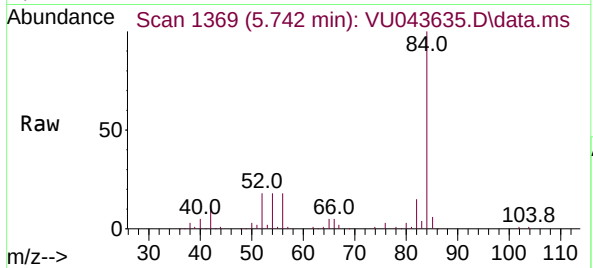




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU043635.D
Acq: 10 May 2021 13:54

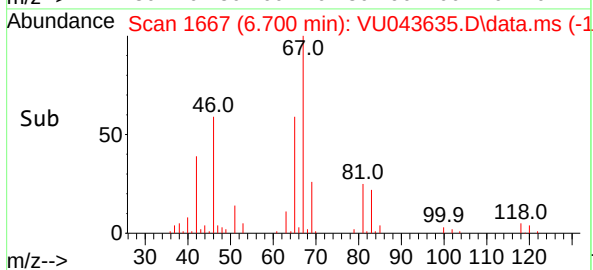
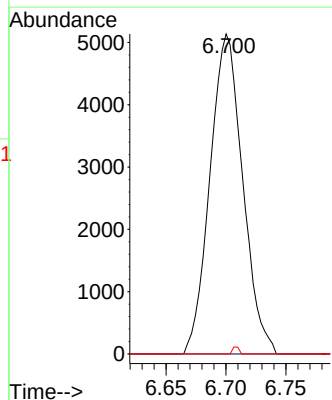
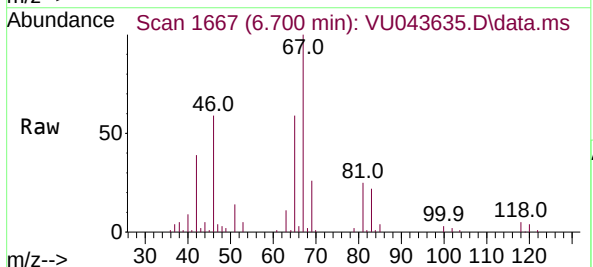
Instrument :
MSVOA_U
ClientSampled :

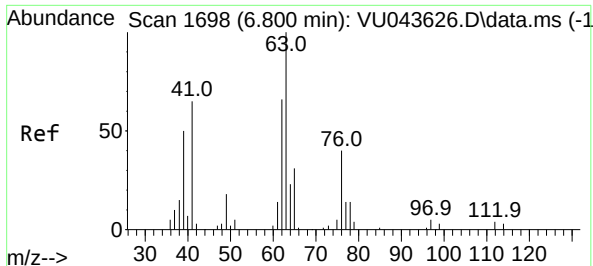
Tgt Ion: 62 Resp: 912
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#35
Methylcyclohexane
Concen: 1.16 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043635.D
Acq: 10 May 2021 13:54

Tgt Ion: 83 Resp: 9741
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.4 35.5 53.3#

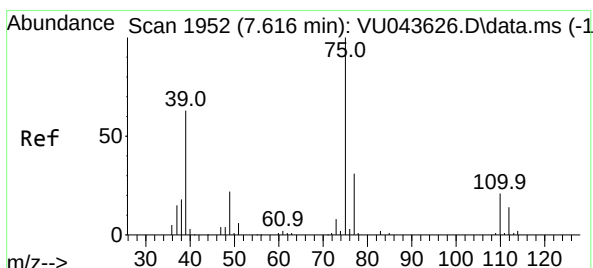
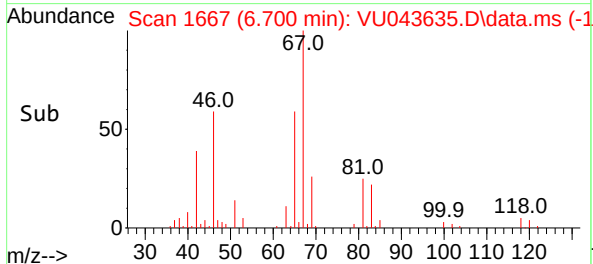
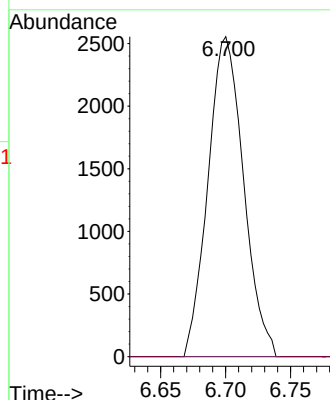
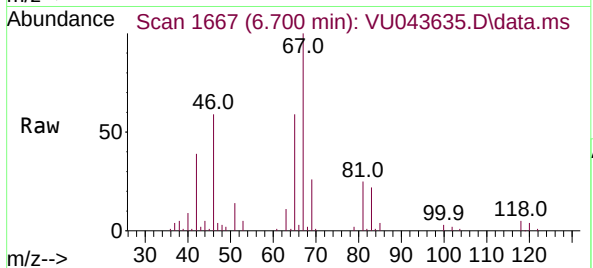




#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043635.D
Acq: 10 May 2021 13:54

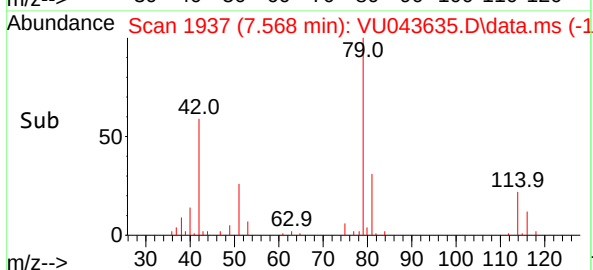
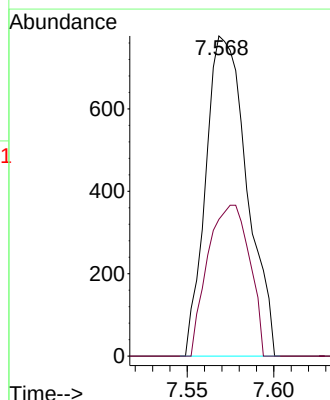
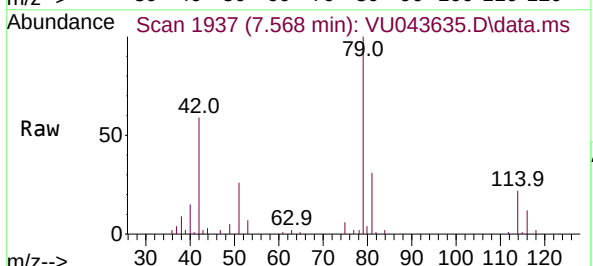
Instrument :
MSVOA_U
ClientSampled :

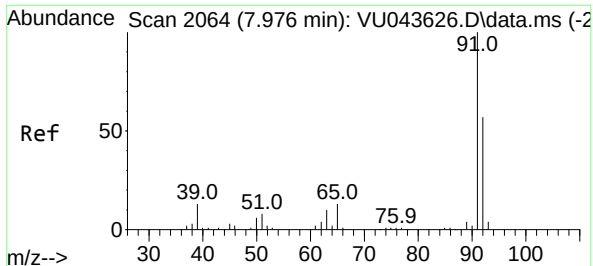
Tgt Ion: 63 Resp: 4861
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU043635.D
Acq: 10 May 2021 13:54

Tgt Ion: 75 Resp: 1285
Ion Ratio Lower Upper
75 100
77 42.7 21.9 40.7#

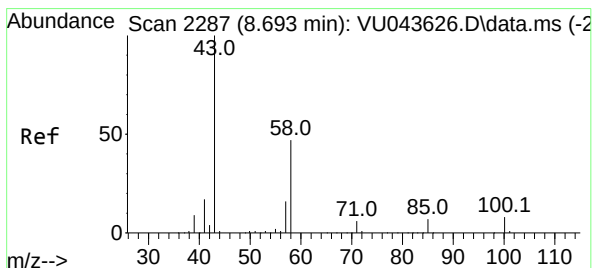
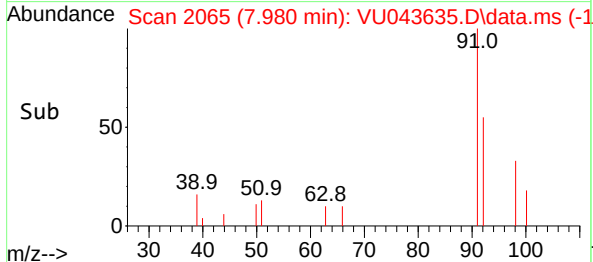
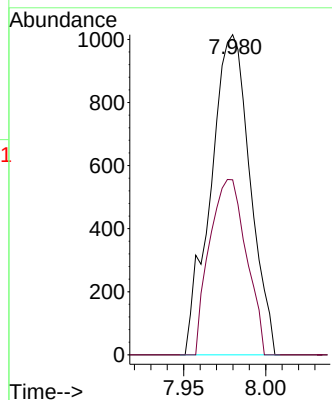
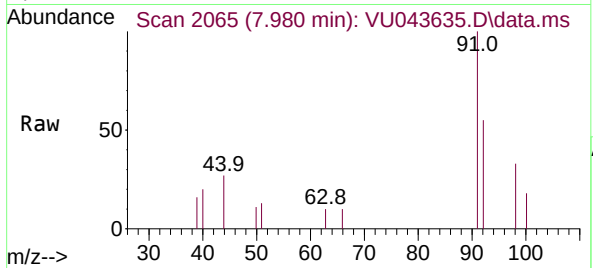




#42
Toluene
Concen: 0.06 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043635.D
Acq: 10 May 2021 13:54

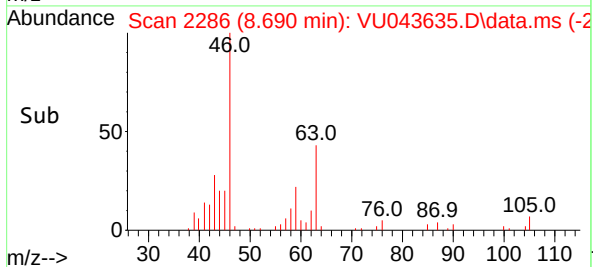
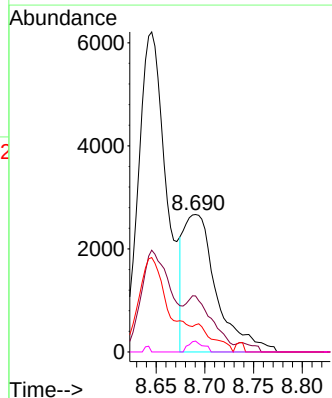
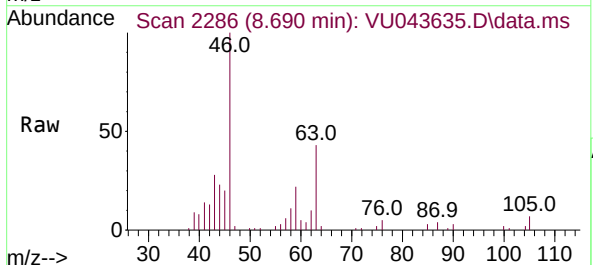
Instrument :
MSVOA_U
ClientSampled :

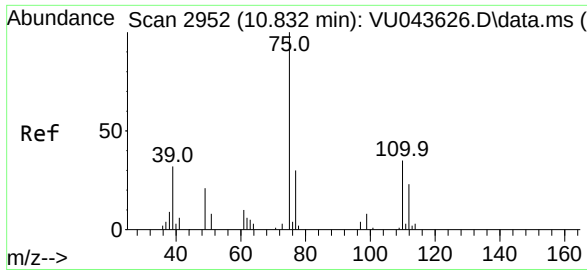
Tgt Ion: 91 Resp: 1693
Ion Ratio Lower Upper
91 100
92 54.7 39.1 72.5



#48
2-Hexanone
Concen: 1.36 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043635.D
Acq: 10 May 2021 13:54

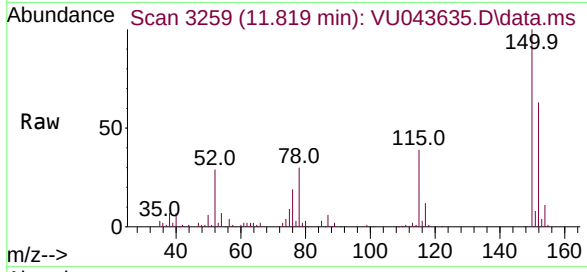
Tgt Ion: 43 Resp: 6270
Ion Ratio Lower Upper
43 100
58 32.5 36.8 55.2#
57 0.0 13.2 19.8#
100 3.6 6.5 9.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.42 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043635.D
 Acq: 10 May 2021 13:54

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 ClientSampleId :



Tgt Ion: 75 Resp: 6199
 Ion Ratio Lower Upper
 75 100
 110 1.6 28.6 42.8#
 77 32.2 25.7 38.5

