

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043642.D
 Acq On : 10 May 2021 16:42
 Operator : SY/MD
 Sample : M2320-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 04:00:01 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)

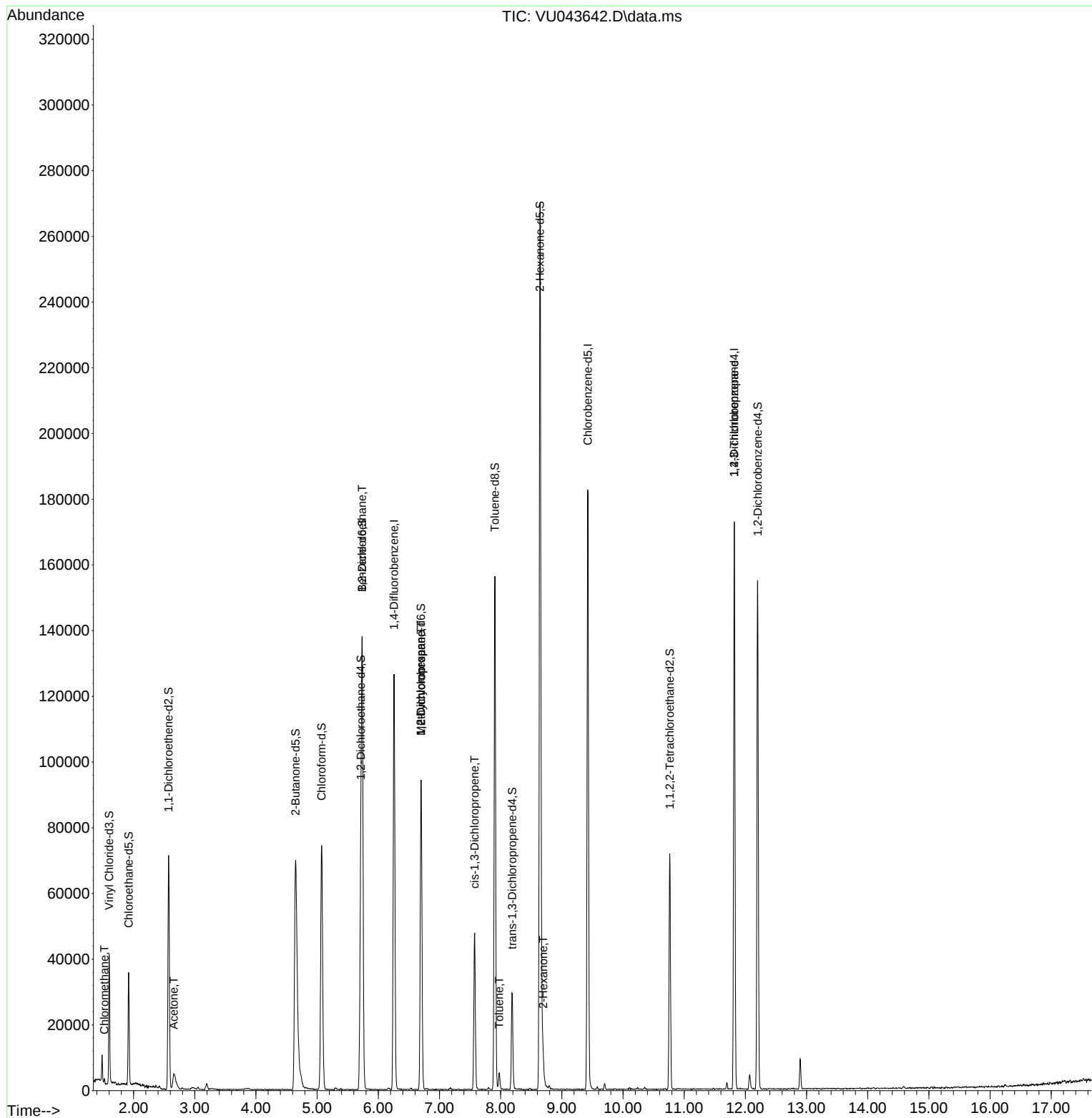
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	92409	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	91800	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41304	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26527	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.919	69	22519	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.572	65	13873	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.649	46	139751	60.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.16%
24) Chloroform-d	5.073	84	64181	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.713	65	40403	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.735	84	114858	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.700	67	42904	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.906	98	95173	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloroprop...	8.189	79	15653	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.642	63	84060	57.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.10%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34852	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	37408	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	734	0.11	ug/L #	80
13) Acetone	2.658	43	10982	7.14	ug/L	99
27) 1,2-Dichloroethane	5.735	62	787	0.09	ug/L #	78
35) Methylcyclohexane	6.700	83	9170	1.15	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	5105	0.71	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1245	0.13	ug/L #	62
42) Toluene	7.976	91	3291	0.13	ug/L	89
48) 2-Hexanone	8.697	43	4023	0.92	ug/L #	93
61) 1,2,3-Trichloropropane	11.819	75	5491	1.31	ug/L #	67

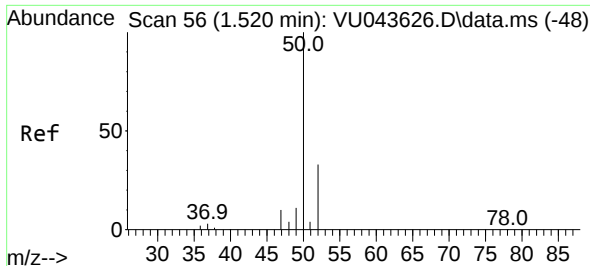
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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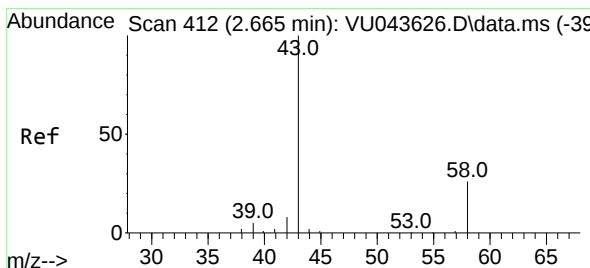
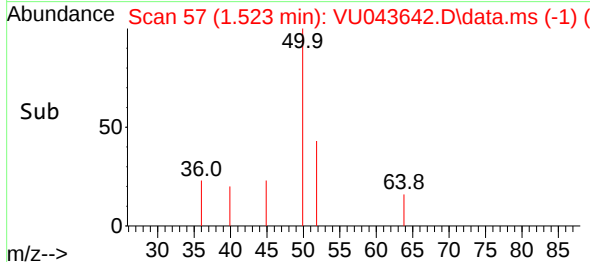
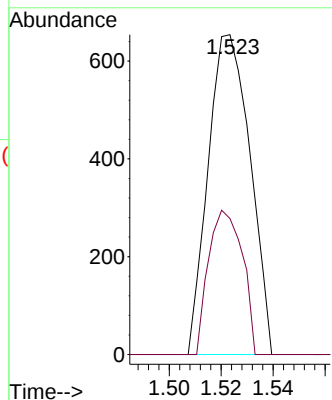
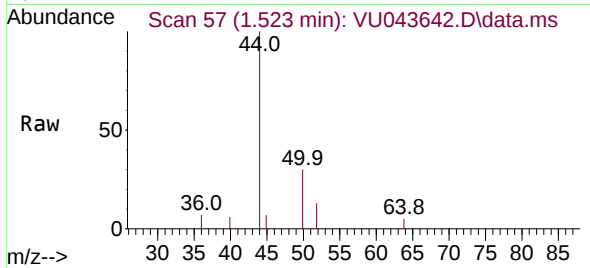




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043642.D
Acq: 10 May 2021 16:42

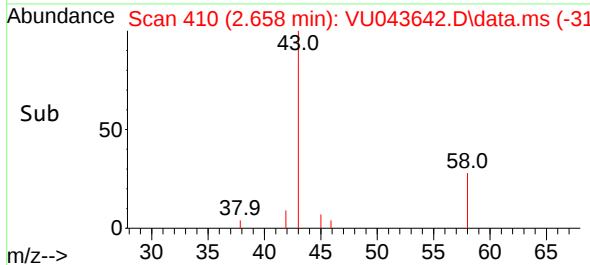
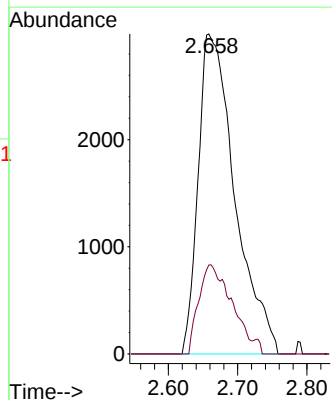
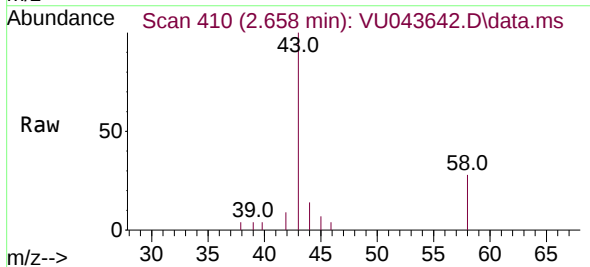
Instrument :
MSVOA_U
ClientSampled :

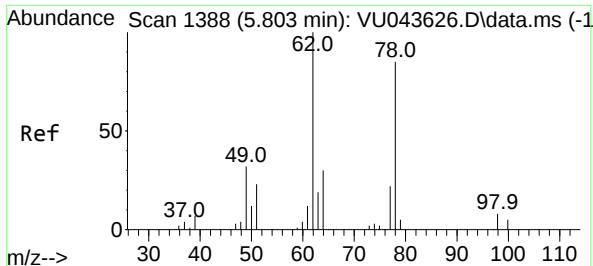
Tgt Ion: 50 Resp: 734
Ion Ratio Lower Upper
50 100
52 42.5 22.1 41.1#



#13
Acetone
Concen: 7.14 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.006 min
Lab File: VU043642.D
Acq: 10 May 2021 16:42

Tgt Ion: 43 Resp: 10982
Ion Ratio Lower Upper
43 100
58 24.8 0.0 50.8



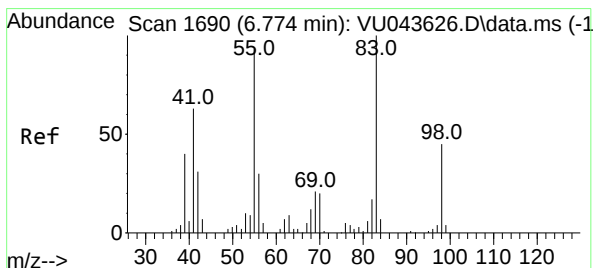
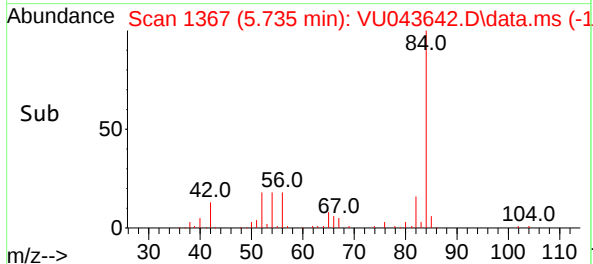
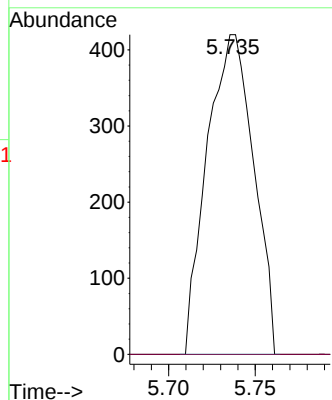
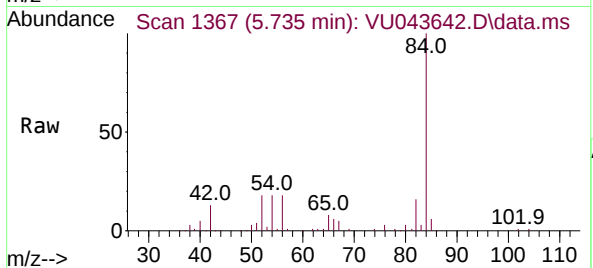


#27

1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU043642.D
Acq: 10 May 2021 16:42

Instrument :
MSVOA_U
ClientSampled :

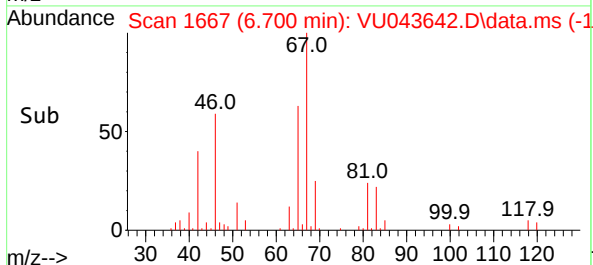
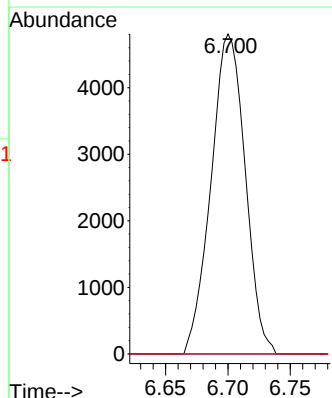
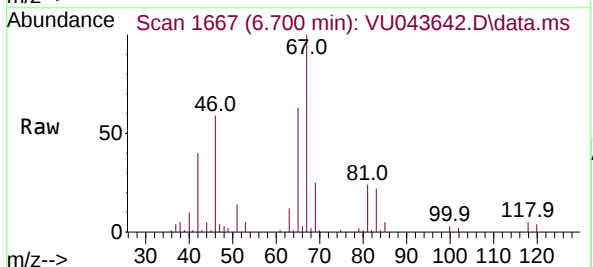
Tgt Ion: 62 Resp: 787
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

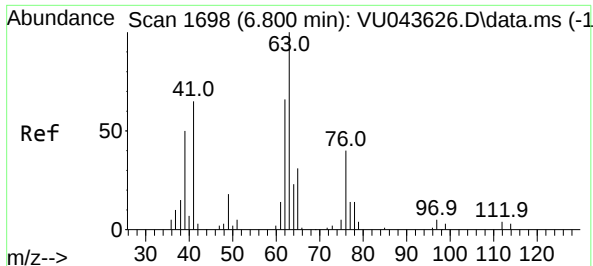


#35

Methylcyclohexane
Concen: 1.15 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043642.D
Acq: 10 May 2021 16:42

Tgt Ion: 83 Resp: 9170
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.0 35.5 53.3#

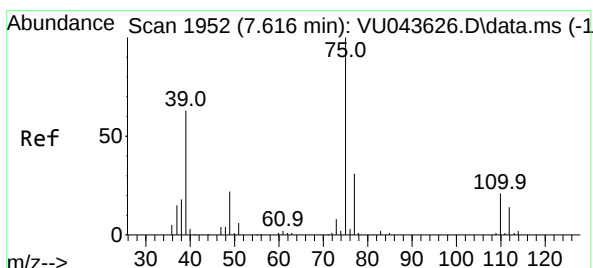
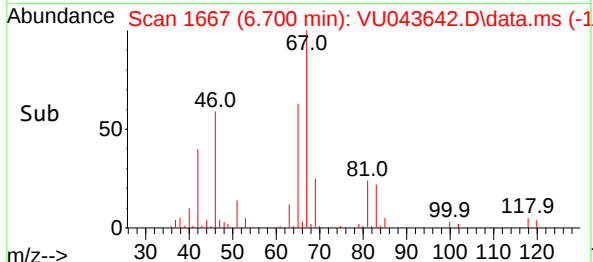
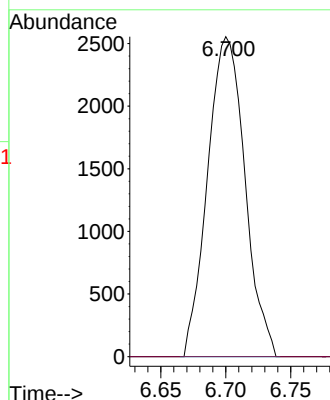
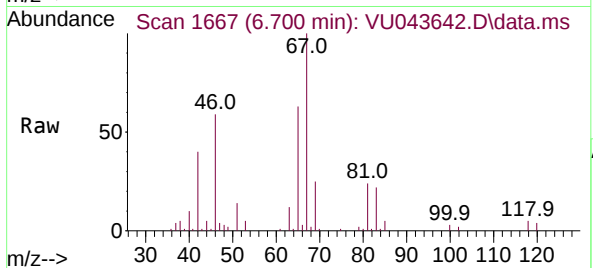




#37
1,2-Dichloropropane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043642.D
Acq: 10 May 2021 16:42

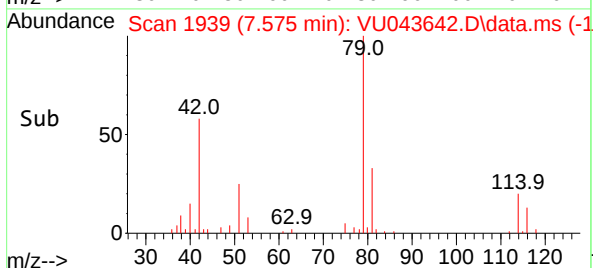
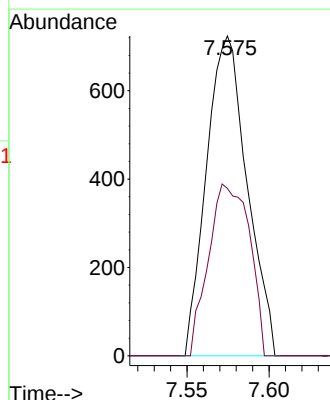
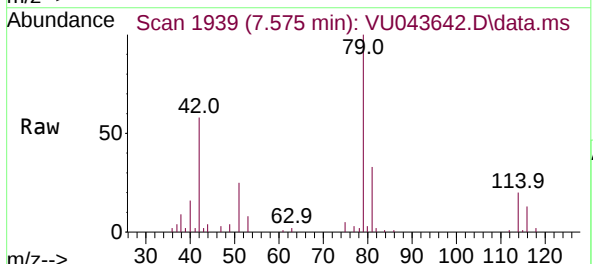
Instrument :
MSVOA_U
ClientSampled :

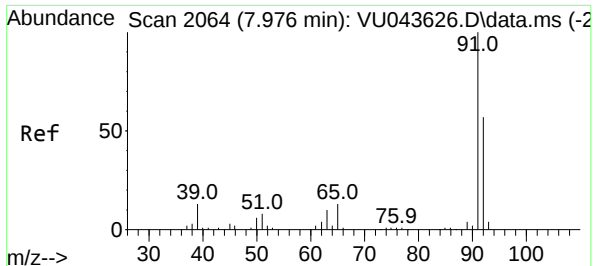
Tgt Ion: 63 Resp: 5105
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043642.D
Acq: 10 May 2021 16:42

Tgt Ion: 75 Resp: 1245
Ion Ratio Lower Upper
75 100
77 52.3 21.9 40.7#





#42

Toluene

Concen: 0.13 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043642.D

Acq: 10 May 2021 16:42

Tgt Ion: 91 Resp: 3291

Ion Ratio Lower Upper

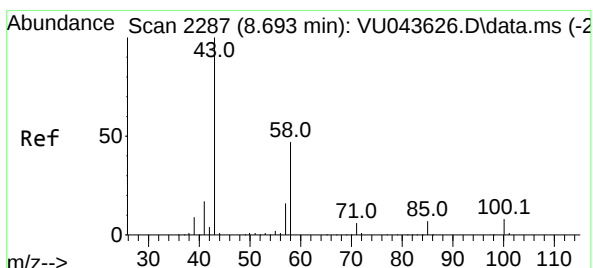
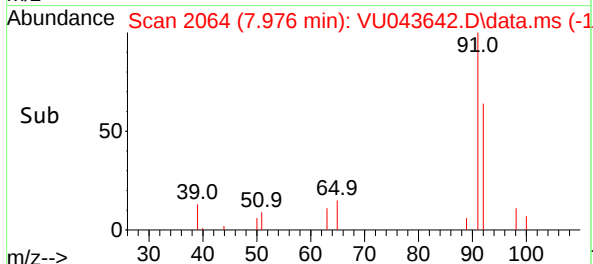
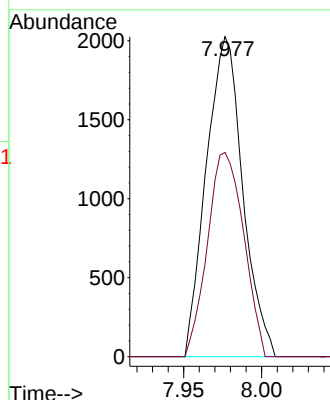
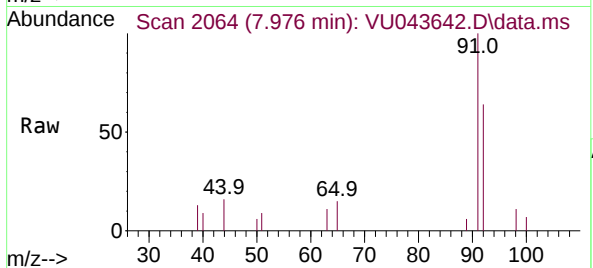
91 100

92 63.9 39.1 72.5

Instrument :

MSVOA_U

ClientSampled :



#48

2-Hexanone

Concen: 0.92 ug/L

RT: 8.697 min Scan# 2288

Delta R.T. 0.003 min

Lab File: VU043642.D

Acq: 10 May 2021 16:42

Tgt Ion: 43 Resp: 4023

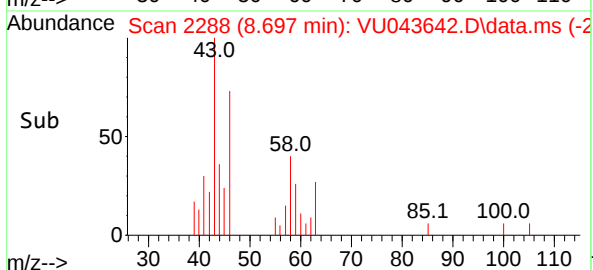
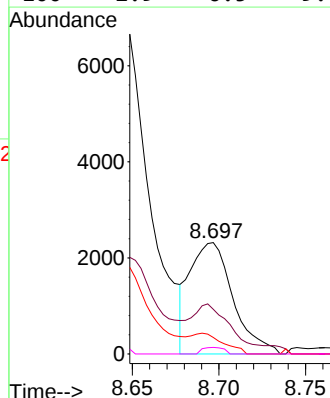
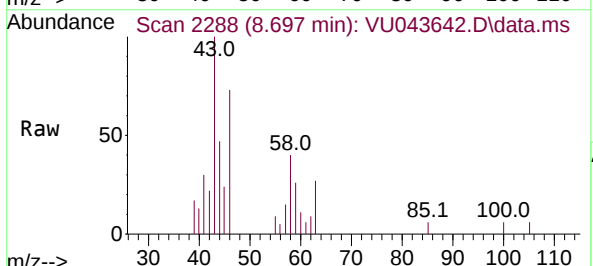
Ion Ratio Lower Upper

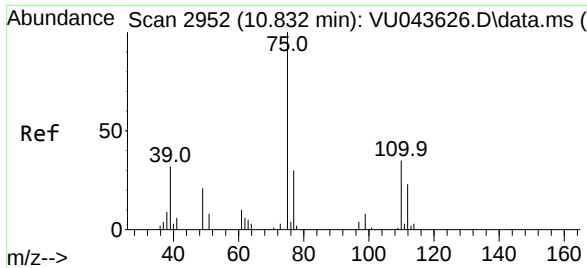
43 100

58 42.6 36.8 55.2

57 13.8 13.2 19.8

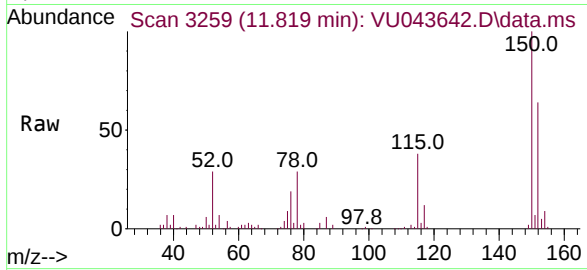
100 2.9 6.5 9.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.31 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043642.D
 Acq: 10 May 2021 16:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5491
 Ion Ratio Lower Upper
 75 100
 110 0.8 28.6 42.8#
 77 34.3 25.7 38.5

