

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\
 Data File : VU041048.D
 Acq On : 02 Nov 2020 14:14
 Operator : SY/MD
 Sample : L4550-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF3

Quant Time: Nov 03 00:48:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 03 00:40:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52410	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53289	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22710	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20401	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.92	69	15398	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.58	63	30237	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.65	46	85061	58.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.32%
24) Chloroform-d	5.08	84	36953	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	24676	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	69285	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	23406	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.91	98	58107	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	9917	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.64	63	60155	55.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23188	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	21867	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

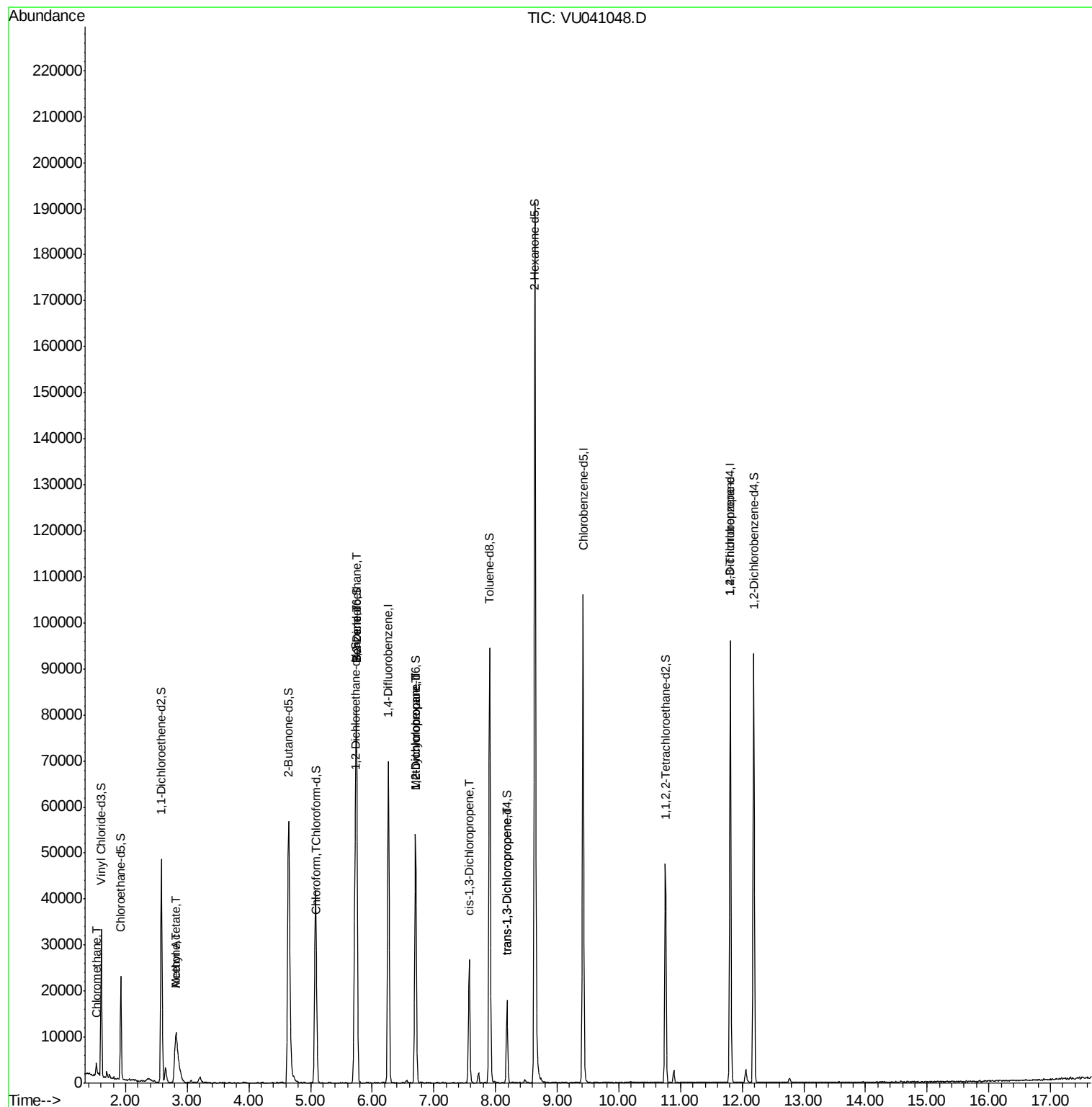
					Ovalue
3) Chloromethane	1.53	50	1459	0.292	ug/L 91
13) Acetone	2.81	43	7022	7.084	ug/L 76
15) Methyl Acetate	2.81	43	7022	3.096	ug/L # 53
25) Chloroform	5.11	83	694	0.092	ug/L 87
27) 1,2-Dichloroethane	5.74	62	292	0.052	ug/L # 74
33) Benzene	5.74	78	463	0.029	ug/L 100
35) Methylcyclohexane	6.70	83	5510	0.912	ug/L # 13
37) 1,2-Dichloropropane	6.70	63	2682	0.622	ug/L # 86
39) cis-1,3-Dichloropropene	7.57	75	751	0.127	ug/L 87
44) trans-1,3-Dichloropropene	8.18	75	402	0.072	ug/L # 82
59) 1,2,3-Trichloropropane	11.81	75	3268	1.018	ug/L 90

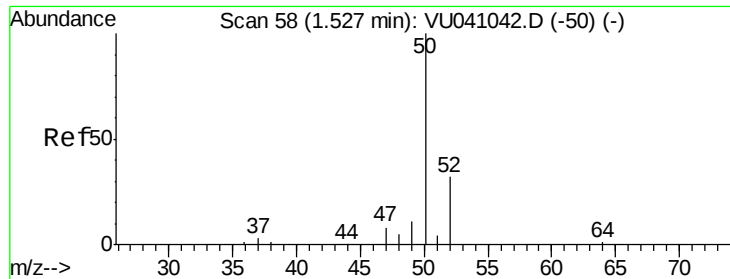
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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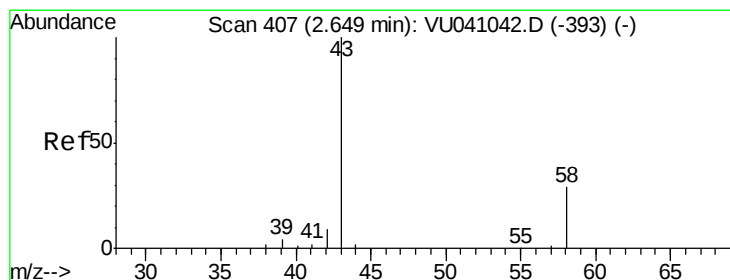
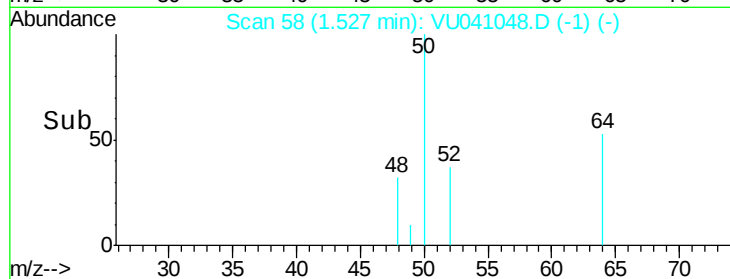
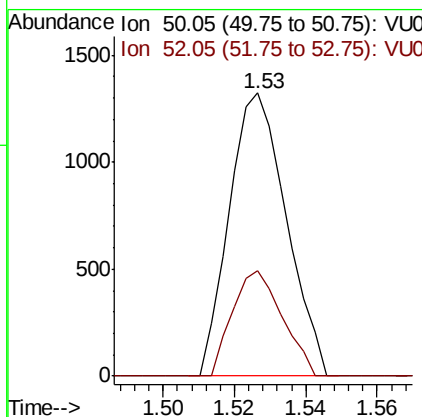
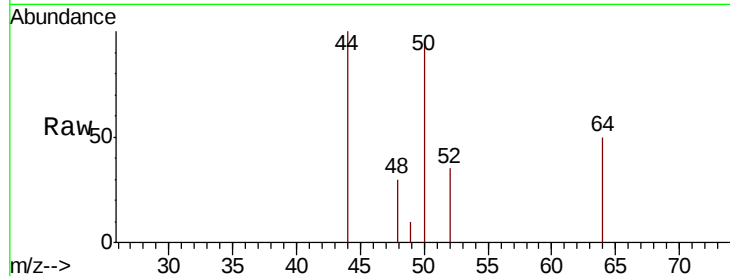




#3
 Chloromethane
 Concen: 0.292 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VU041048.D
 Acq: 02 Nov 2020 14:14

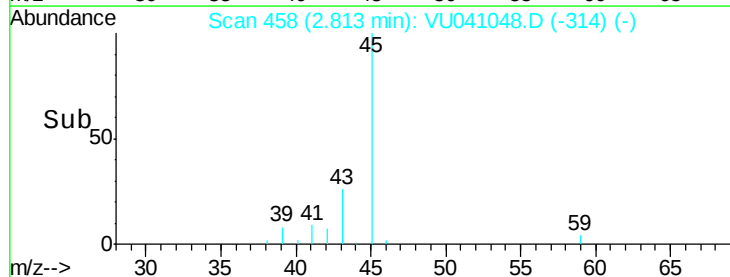
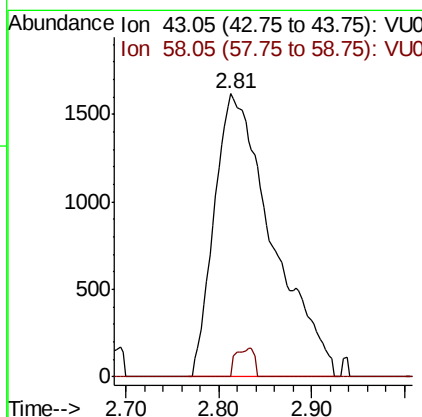
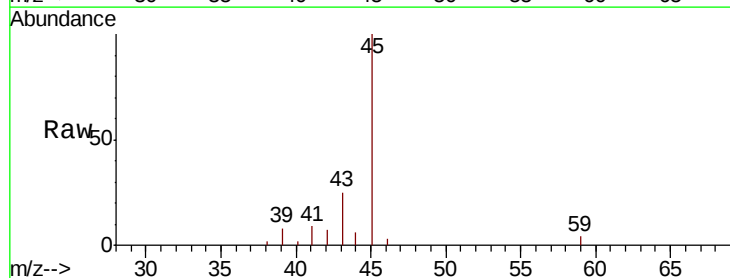
Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF3

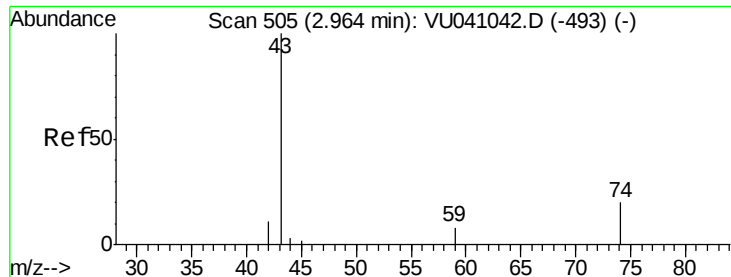
Tot Ion: 50 Resp: 1459
 Ion Ratio Lower Upper
 50 100
 52 37.0 22.4 41.6



#13
 Acetone
 Concen: 7.084 ug/L
 RT: 2.81 min Scan# 458
 Delta R.T. 0.16 min
 Lab File: VU041048.D
 Acq: 02 Nov 2020 14:14

Tgt Ion: 43 Resp: 7022
 Ion Ratio Lower Upper
 43 100
 58 3.1 0.0 25.4

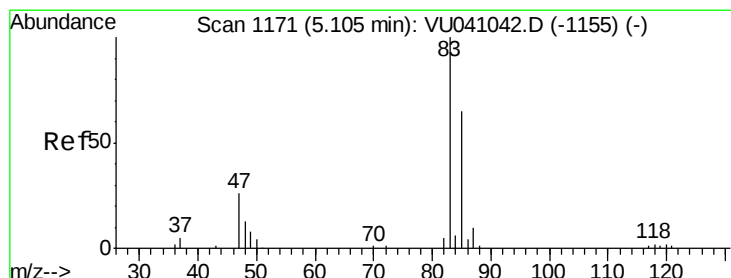
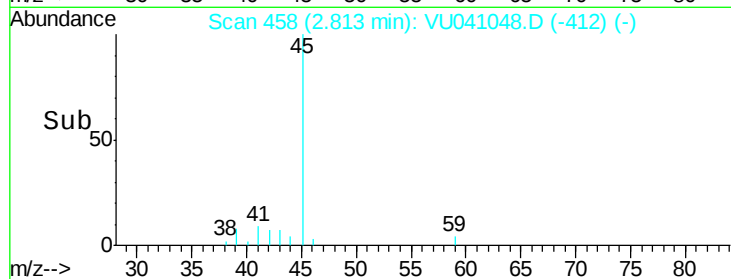
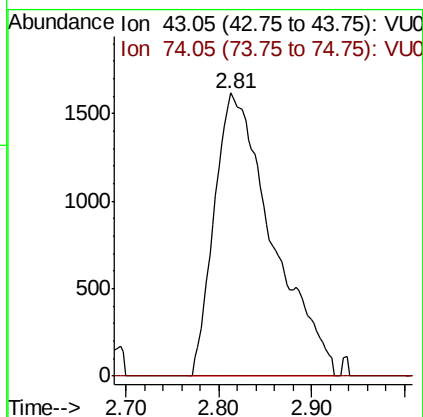
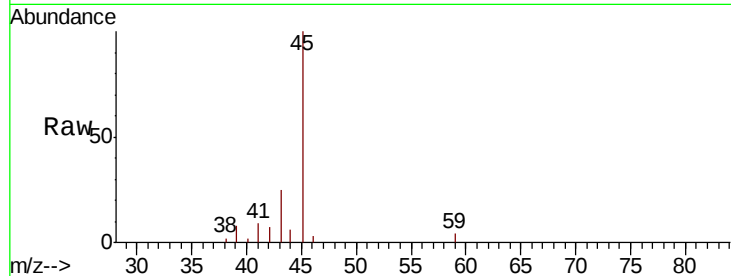




#15
Methvl Acetate
Concen: 3.096 ug/L
RT: 2.81 min Scan# 458
Delta R.T. -0.15 min
Lab File: VU041048.D
Acq: 02 Nov 2020 14:14

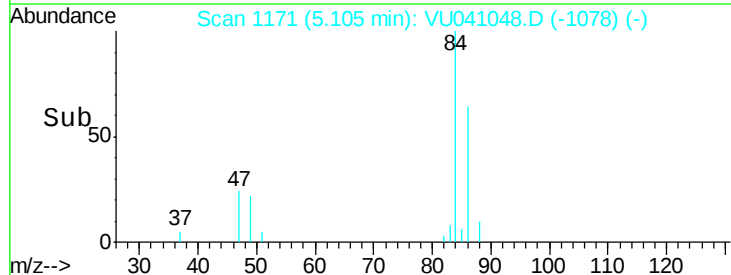
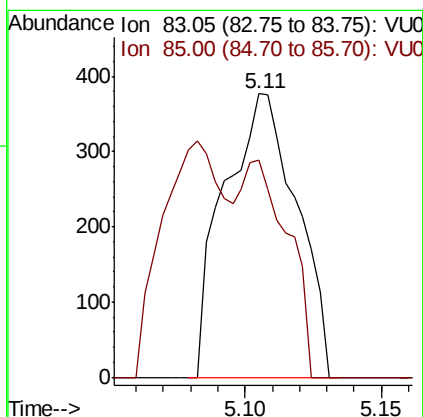
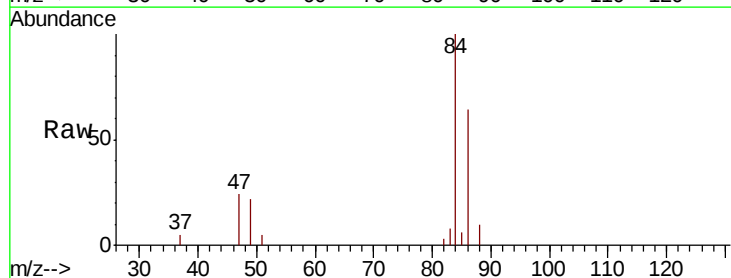
Instrument :
MSVOA_U
ClientSampleId :
BFSF3

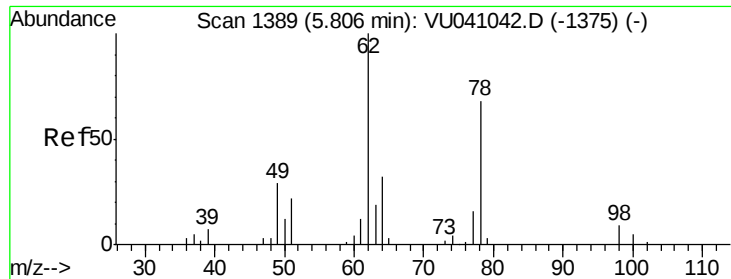
Tot Ion: 43 Resp: 7022
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#25
Chloroform
Concen: 0.092 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU041048.D
Acq: 02 Nov 2020 14:14

Tgt Ion: 83 Resp: 694
Ion Ratio Lower Upper
83 100
85 76.4 46.1 85.7

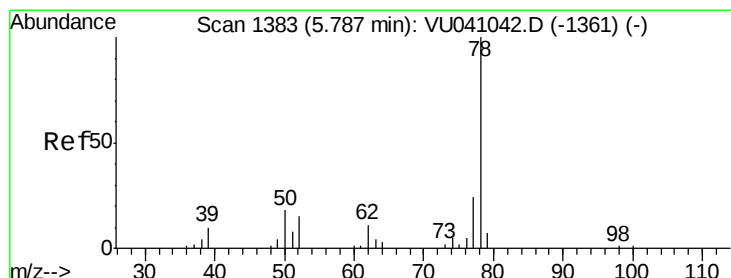
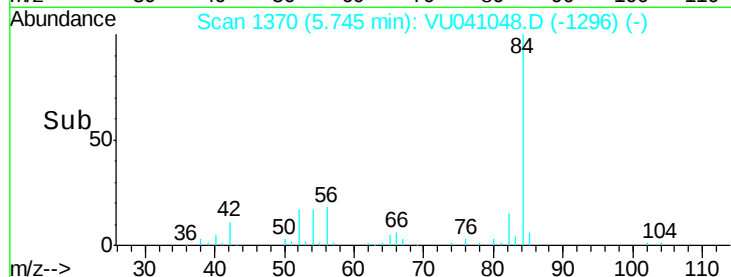
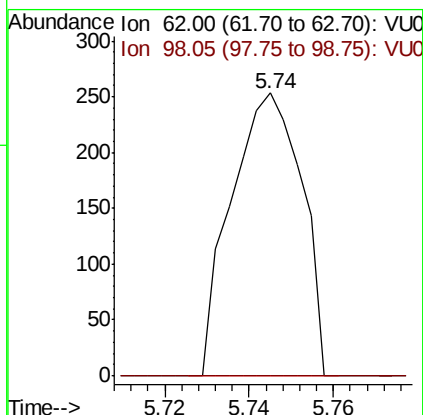
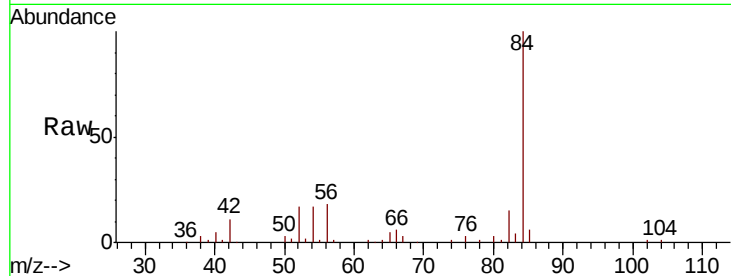




#27
 1,2-Dichloroethane
 Concen: 0.052 ug/L
 RT: 5.74 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU041048.D
 Acq: 02 Nov 2020 14:14

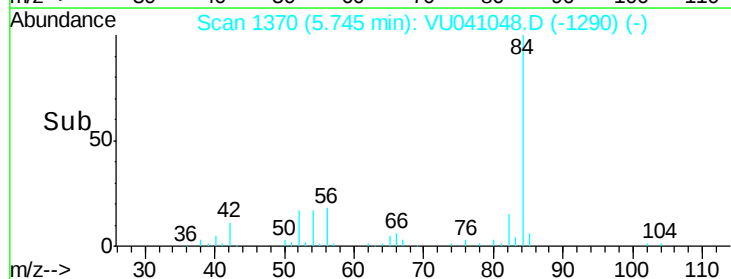
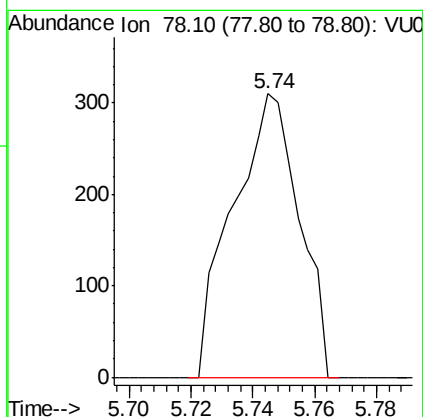
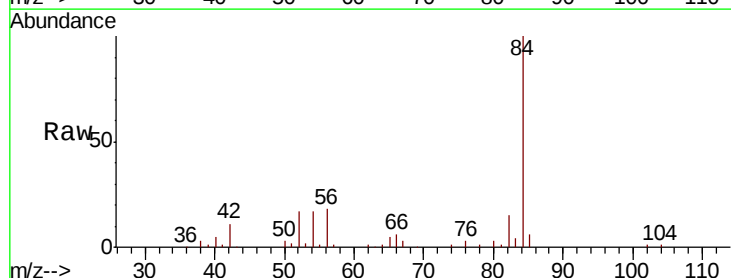
Instrument :
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 ClientSampleId :
 BFSF3

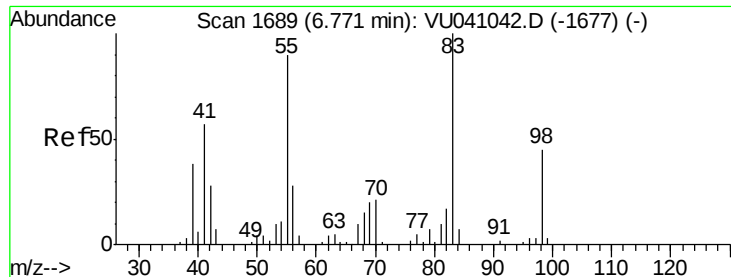
Tot Ion: 62 Resp: 292
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.029 ug/L
 RT: 5.74 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: VU041048.D
 Acq: 02 Nov 2020 14:14

Tgt Ion: 78 Resp: 463

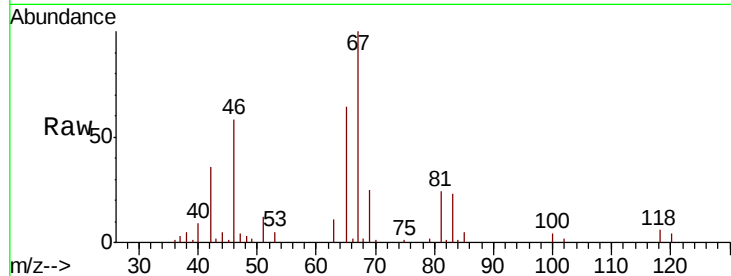




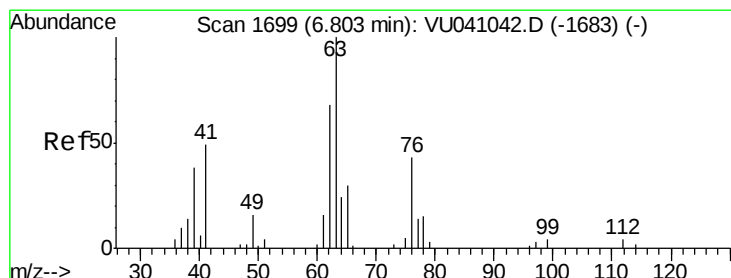
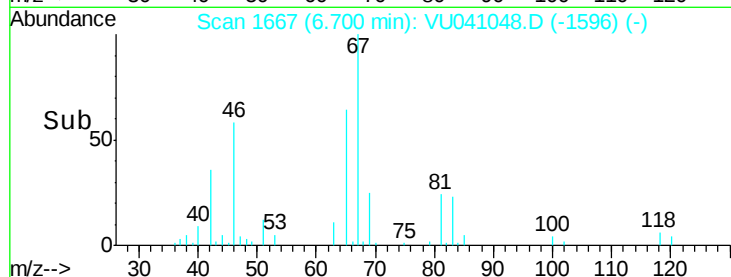
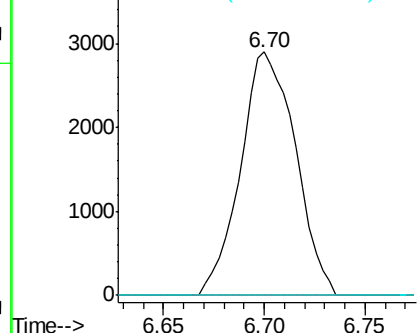
#35
Methvlcvclohexane
Concen: 0.912 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041048.D
Acq: 02 Nov 2020 14:14

Instrument :
MSVOA_U
ClientSampleId :
BFSF3

Tot Ion: 83 Resp: 5510
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

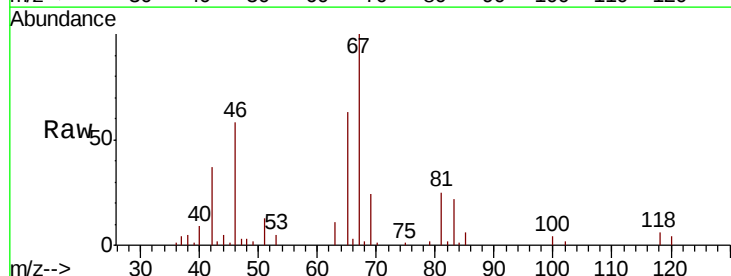


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

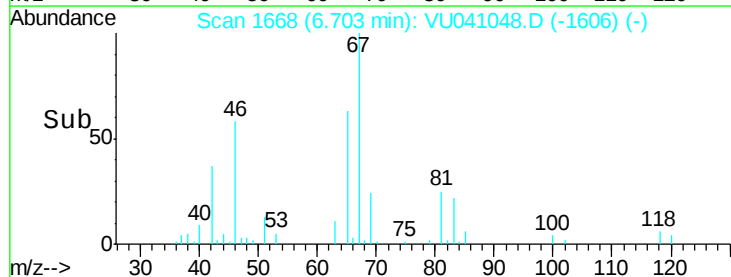
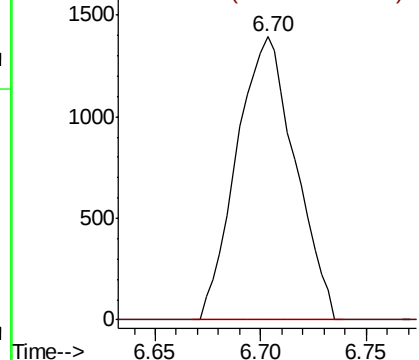


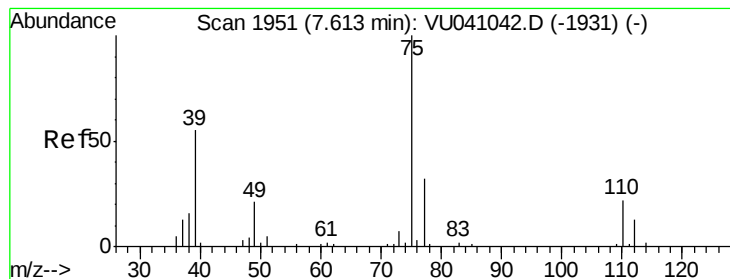
#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041048.D
Acq: 02 Nov 2020 14:14

Tgt Ion: 63 Resp: 2682
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



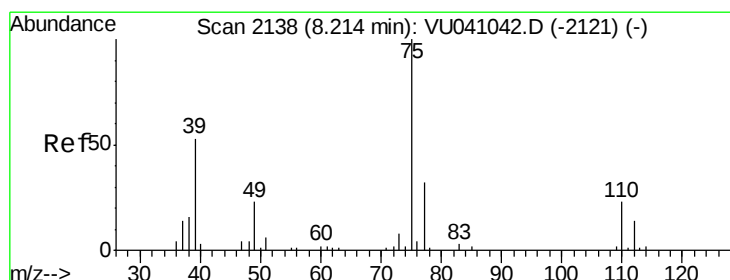
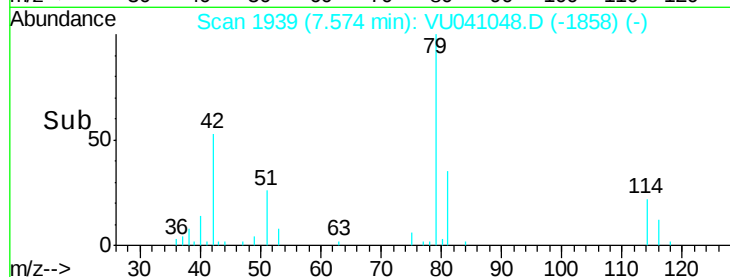
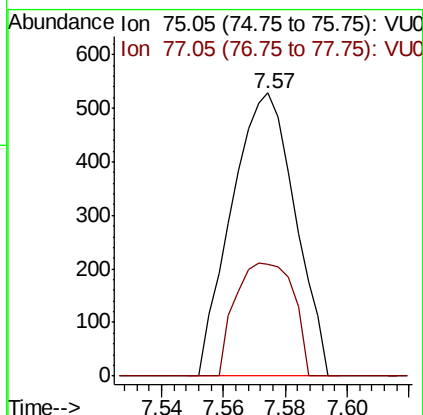
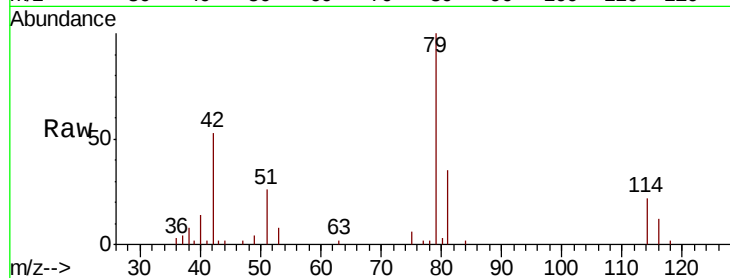


#39

cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041048.D
 Acq: 02 Nov 2020 14:14

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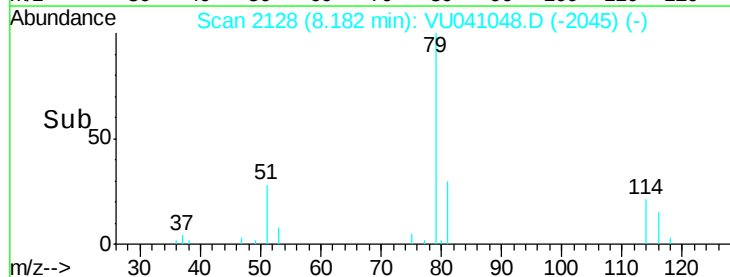
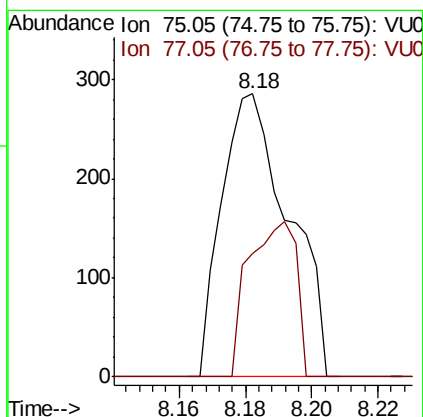
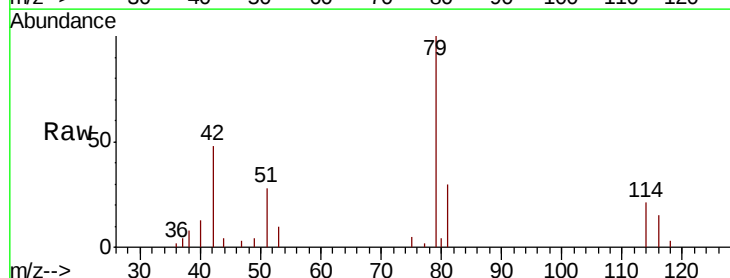
Tot Ion: 75 Resp: 751
 Ion Ratio Lower Upper
 75 100
 77 39.6 22.7 42.3

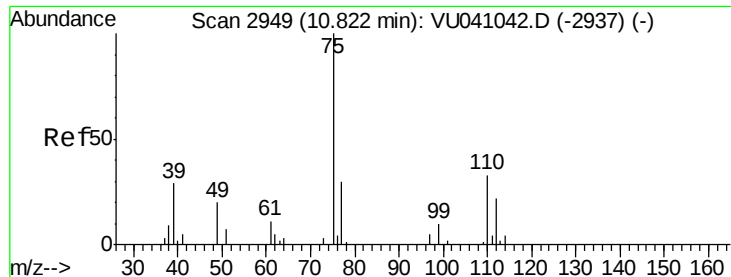


#44

trans-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU041048.D
 Acq: 02 Nov 2020 14:14

Tgt Ion: 75 Resp: 402
 Ion Ratio Lower Upper
 75 100
 77 43.4 23.3 43.3#





#59

1,2,3-Trichloropropane

Concen: 1.018 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041048.D

Acq: 02 Nov 2020 14:14

Instrument :

MSVOA_U

ClientSampleId :

BFSF3

Tot Ion: 75 Resp: 3268

Ion Ratio Lower Upper

75 100

77 37.7 25.7 38.5

