

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
 Data File : VU040182.D
 Acq On : 17 Sep 2020 15:34
 Operator : SY/MD
 Sample : L4041-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE5

Quant Time: Sep 18 04:03:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 04:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119496	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29393	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.92	69	26208	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	48653	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.64	46	122096	46.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.58%
24) Chloroform-d	5.08	84	65659	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.72	65	43810	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.74	84	124106	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.70	67	42668	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.91	98	100943	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	16879	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.64	63	89171	44.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38481	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	43733	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

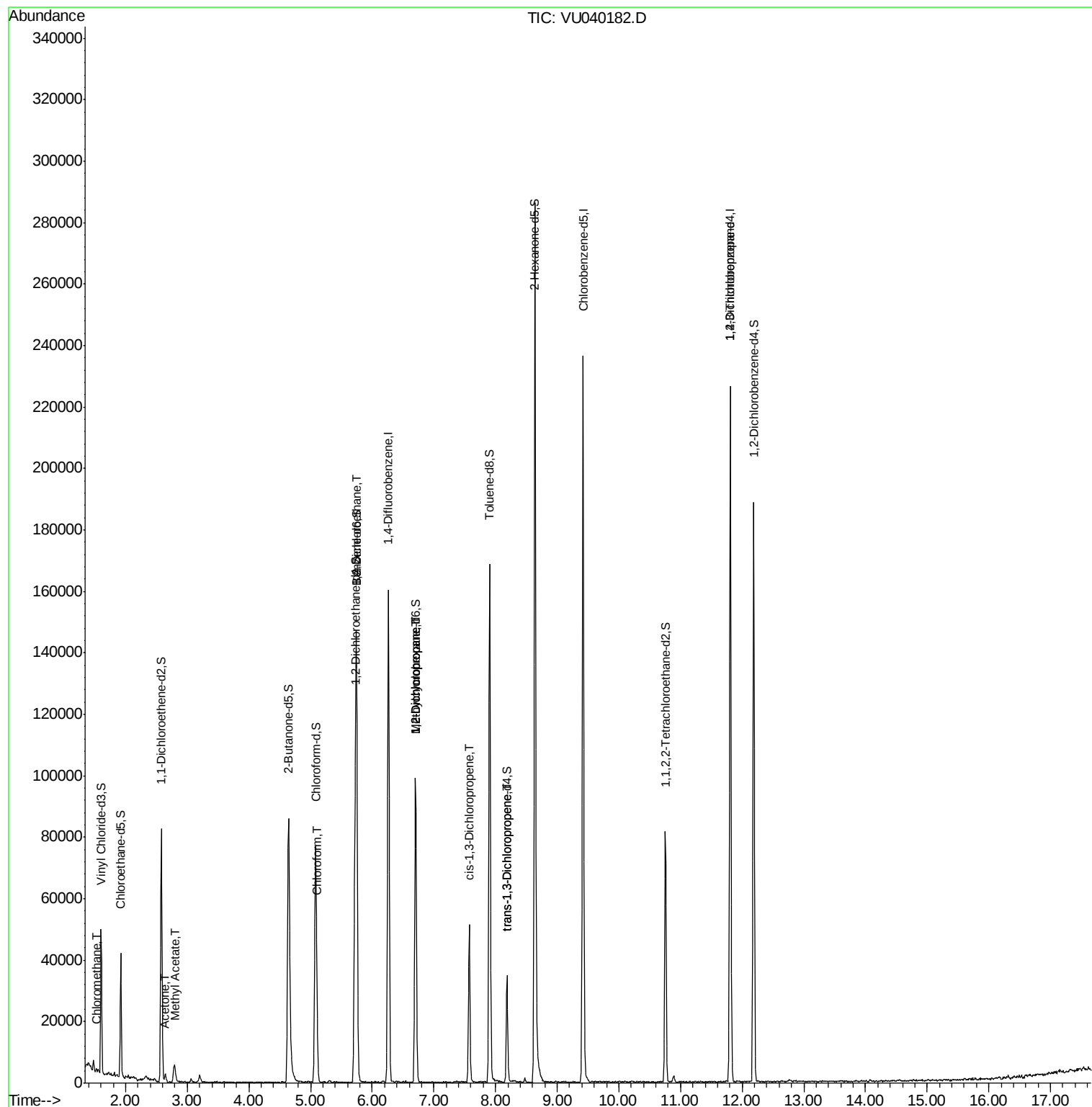
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	646	0.057	ug/L	88
13) Acetone	2.64	43	3226	1.335	ug/L	100
15) Methyl Acetate	2.79	43	1761	0.290	ug/L #	54
25) Chloroform	5.11	83	4482	0.214	ug/L	96
27) 1,2-Dichloroethane	5.75	62	650	0.042	ug/L #	78
35) Methylcyclohexane	6.70	83	10085	0.577	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5113	0.444	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1487	0.087	ug/L #	60
44) trans-1,3-Dichloropropene	8.19	75	874	0.055	ug/L #	50
59) 1,2,3-Trichloropropane	11.81	75	8489	0.994	ug/L #	85

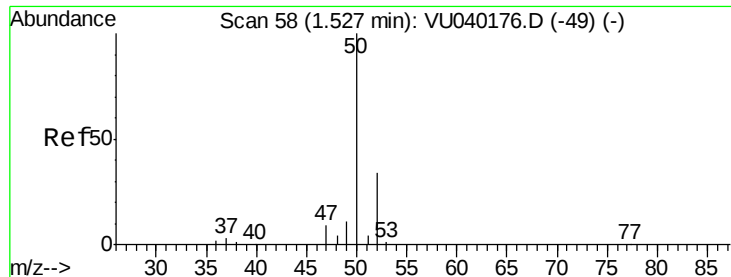
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 04:01:22 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.057 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040182.D

Acq: 17 Sep 2020 15:34

Instrument :

MSVOA_U

ClientSampleId :

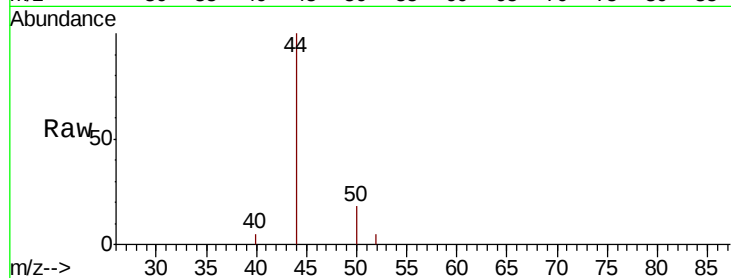
C0AE5

Tot Ion: 50 Resp: 646

Ion Ratio Lower Upper

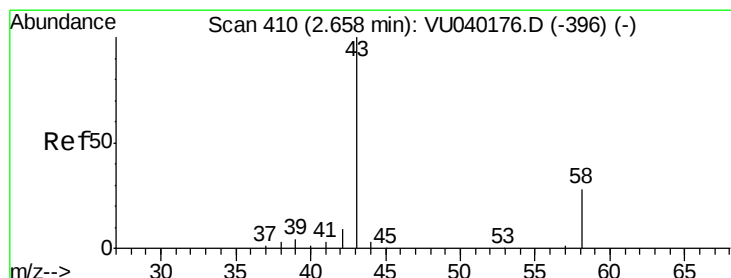
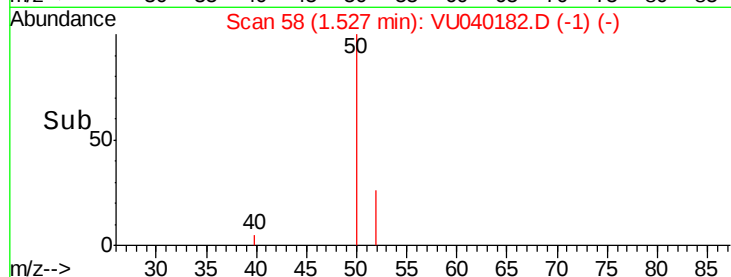
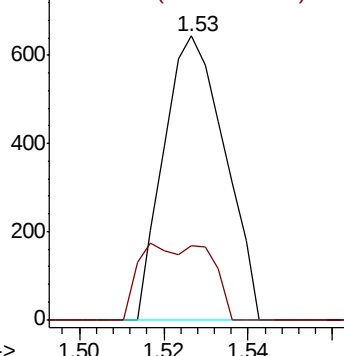
50 100

52 26.1 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 1.335 ug/L

RT: 2.64 min Scan# 404

Delta R.T. -0.02 min

Lab File: VU040182.D

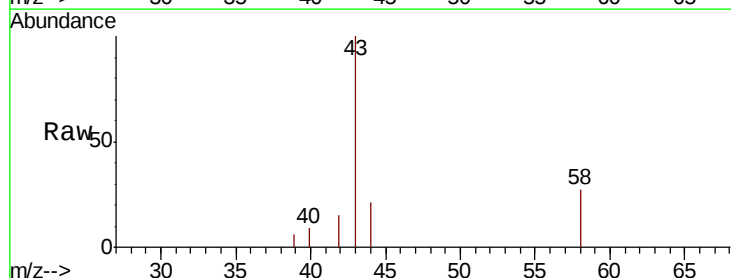
Acq: 17 Sep 2020 15:34

Tgt Ion: 43 Resp: 3226

Ion Ratio Lower Upper

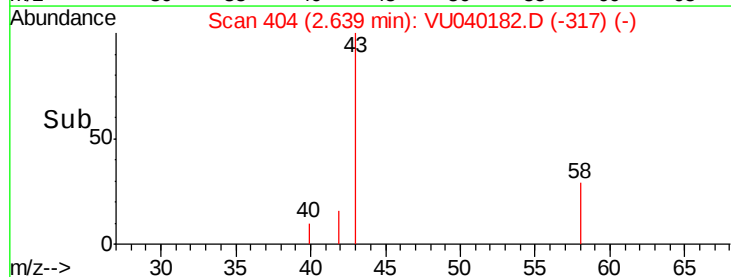
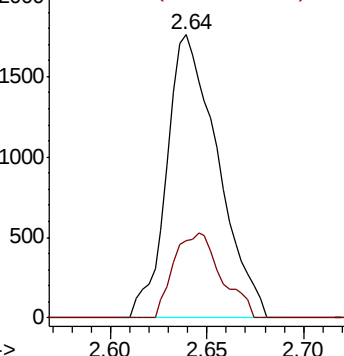
43 100

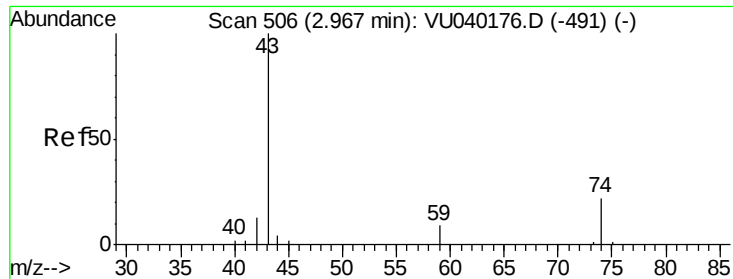
58 27.9 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

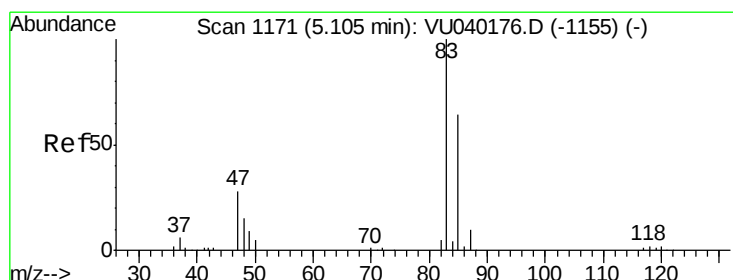
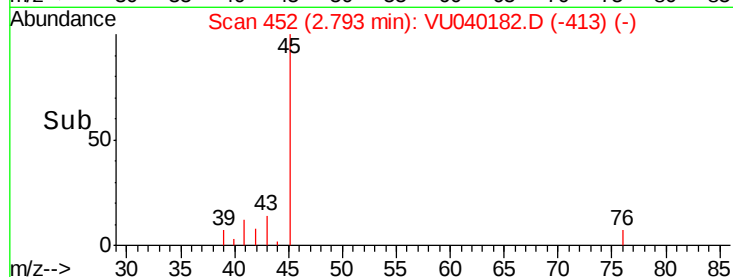
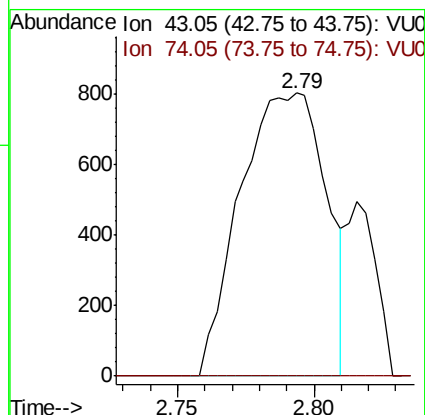
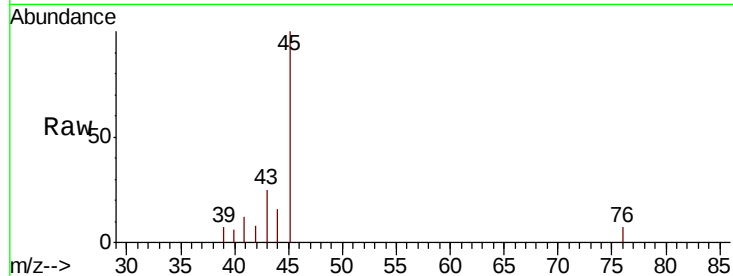




#15
Methvl Acetate
Concen: 0.290 ug/L
RT: 2.79 min Scan# 452
Delta R.T. -0.17 min
Lab File: VU040182.D
Acq: 17 Sep 2020 15:34

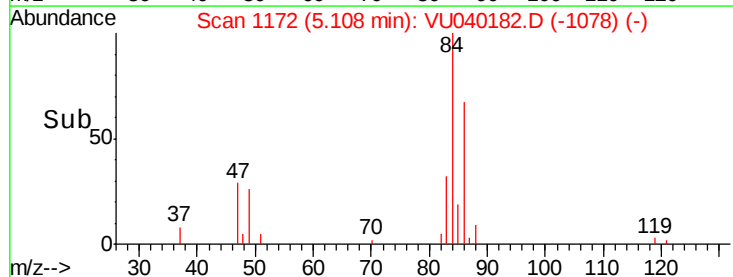
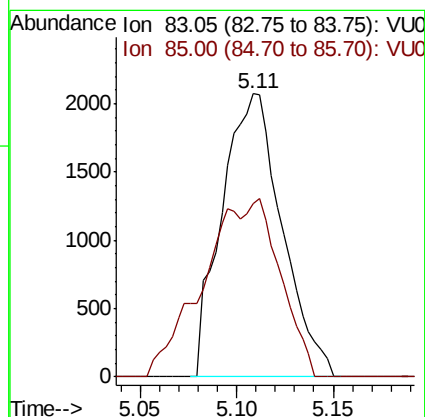
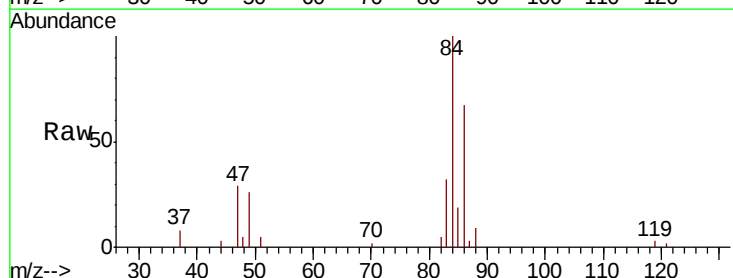
Instrument :
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ClientSampleId :
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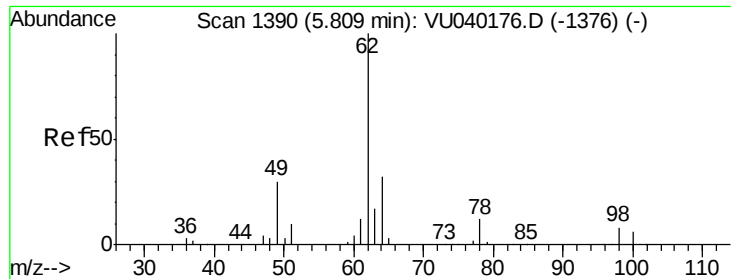
Tot Ion: 43 Resp: 1761
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#25
Chloroform
Concen: 0.214 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040182.D
Acq: 17 Sep 2020 15:34

Tgt Ion: 83 Resp: 4482
Ion Ratio Lower Upper
83 100
85 61.4 45.3 84.1

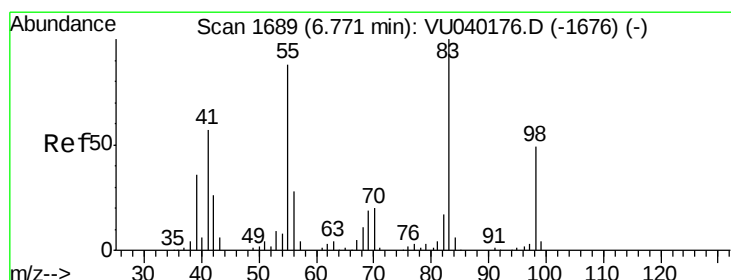
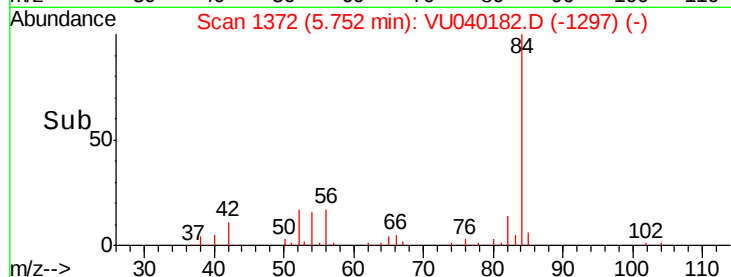
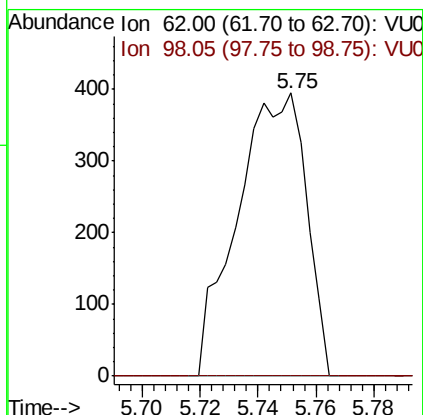
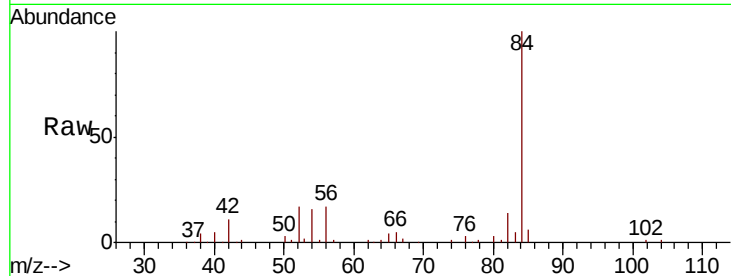




#27
 1,2-Dichloroethane
 Concen: 0.042 ug/L
 RT: 5.75 min Scan# 1372
 Delta R.T. -0.06 min
 Lab File: VU040182.D
 Acq: 17 Sep 2020 15:34

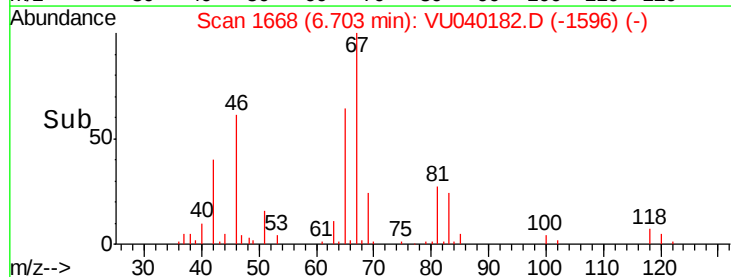
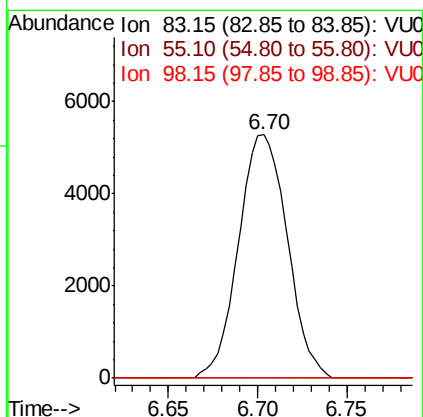
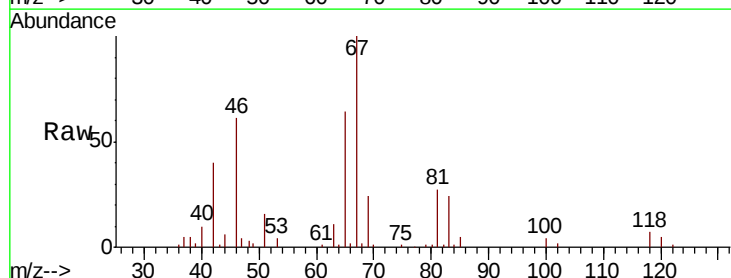
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE5

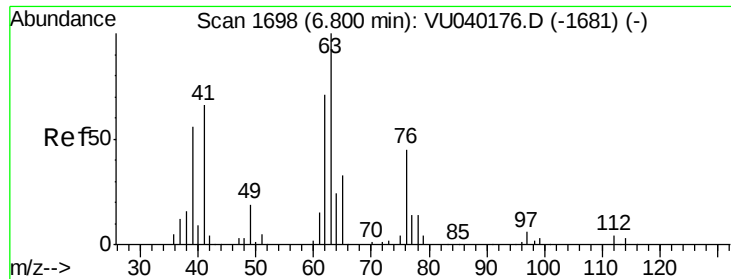
Tot Ion: 62 Resp: 650
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.1 9.1#



#35
 Methylcyclohexane
 Concen: 0.577 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040182.D
 Acq: 17 Sep 2020 15:34

Tgt Ion: 83 Resp: 10085
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 0.4 37.8 56.6#

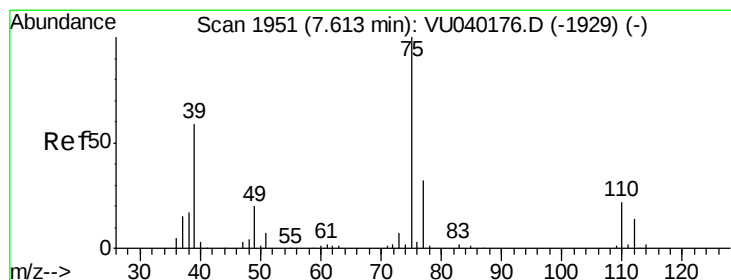
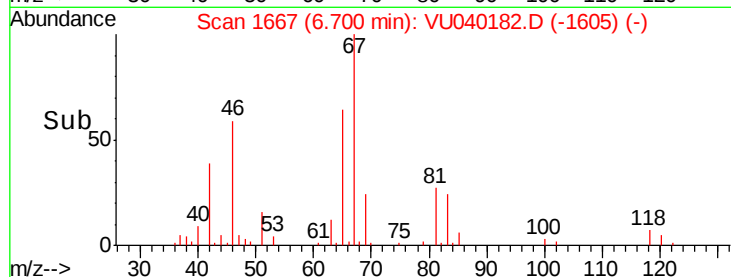
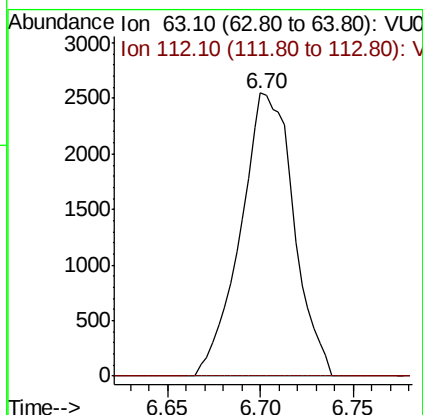
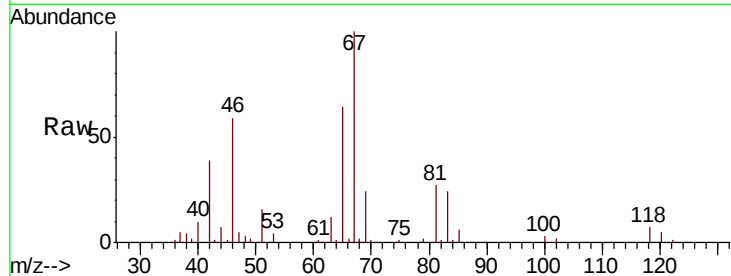




#37
 1,2-Dichloropropane
 Concen: 0.444 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040182.D
 Acq: 17 Sep 2020 15:34

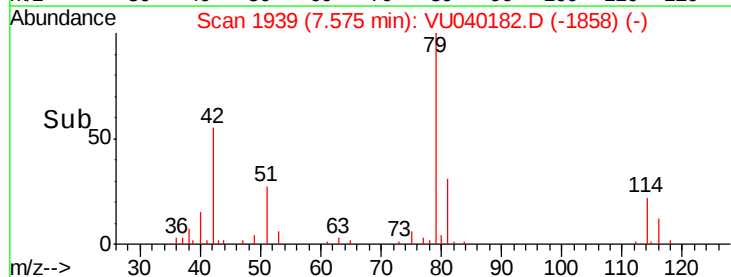
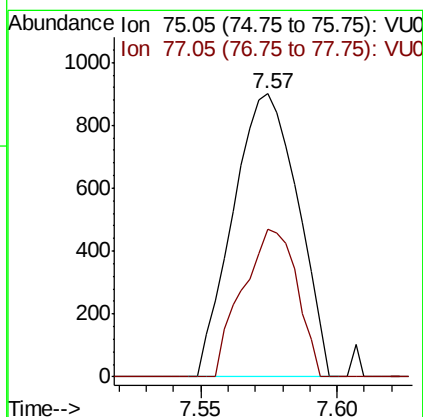
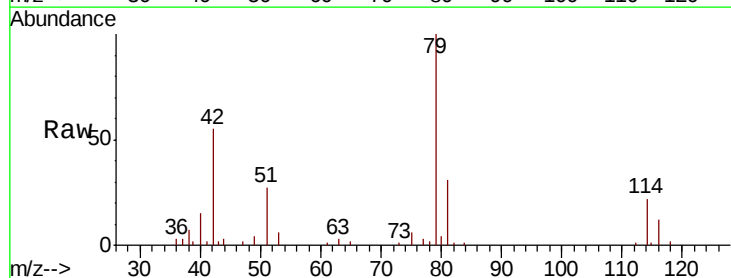
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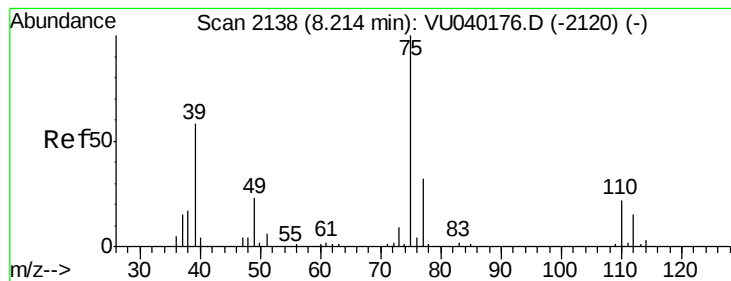
Tot Ion: 63 Resp: 5113
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040182.D
 Acq: 17 Sep 2020 15:34

Tgt Ion: 75 Resp: 1487
 Ion Ratio Lower Upper
 75 100
 77 52.0 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.055 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040182.D

Acq: 17 Sep 2020 15:34

Instrument :

MSVOA_U

ClientSampleId :

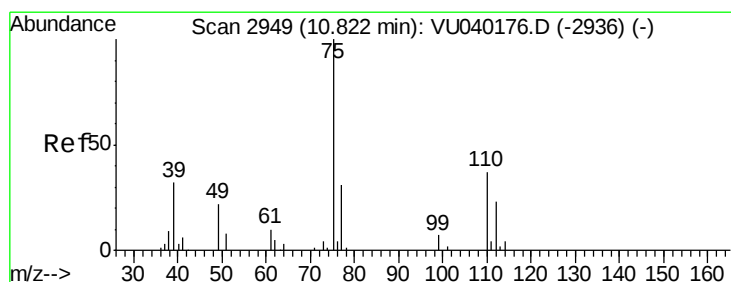
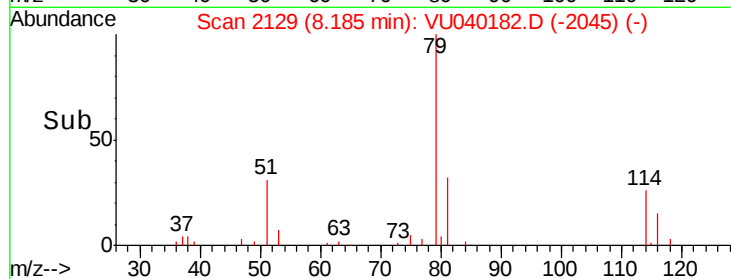
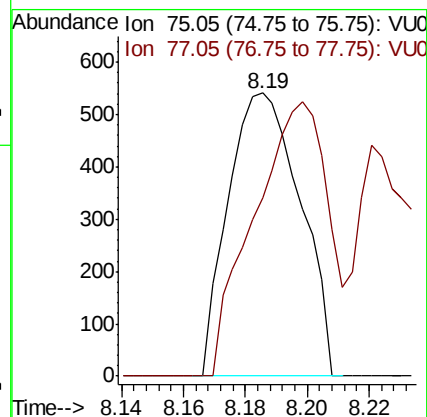
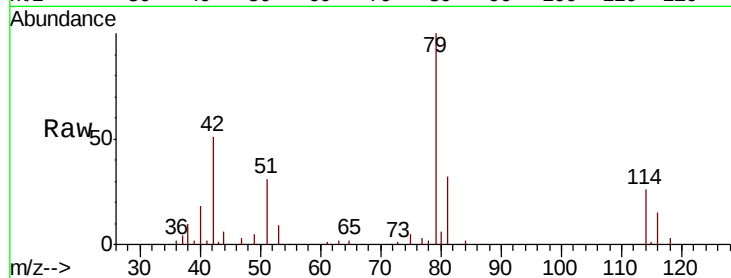
C0AE5

Tot Ion: 75 Resp: 874

Ion Ratio Lower Upper

75 100

77 63.0 23.9 44.3#



#59

1,2,3-Trichloropropane

Concen: 0.994 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040182.D

Acq: 17 Sep 2020 15:34

Tgt Ion: 75 Resp: 8489

Ion Ratio Lower Upper

75 100

77 39.6 24.9 37.3#

