

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100720\
 Data File : VU040545.D
 Acq On : 07 Oct 2020 15:13
 Operator : SY/MD
 Sample : VU1007MBL03
 Misc : 5.0µ/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK209

Quant Time: Oct 08 01:20:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 01:13:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	262111	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	262136	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	122153	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	100737	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.50%
7) Chloroethane-d5	1.92	69	82457	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.16%
11) 1,1-Dichloroethene-d2	2.58	63	148662	34.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.22%
21) 2-Butanone-d5	4.64	46	205004	114.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.76%
24) Chloroform-d	5.08	84	183940	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
26) 1,2-Dichloroethane-d4	5.72	65	130915	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
32) Benzene-d6	5.75	84	350720	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
36) 1,2-Dichloropropane-d6	6.70	67	119170	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.32%
41) Toluene-d8	7.91	98	303131	44.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.64%
43) trans-1,3-Dichloropropene-	8.19	79	56373	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.08%
47) 2-Hexanone-d5	8.64	63	131594	112.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.89%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	175802	48.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.34%
66) 1,2-Dichlorobenzene-d4	12.19	152	124327	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%

Target Compounds

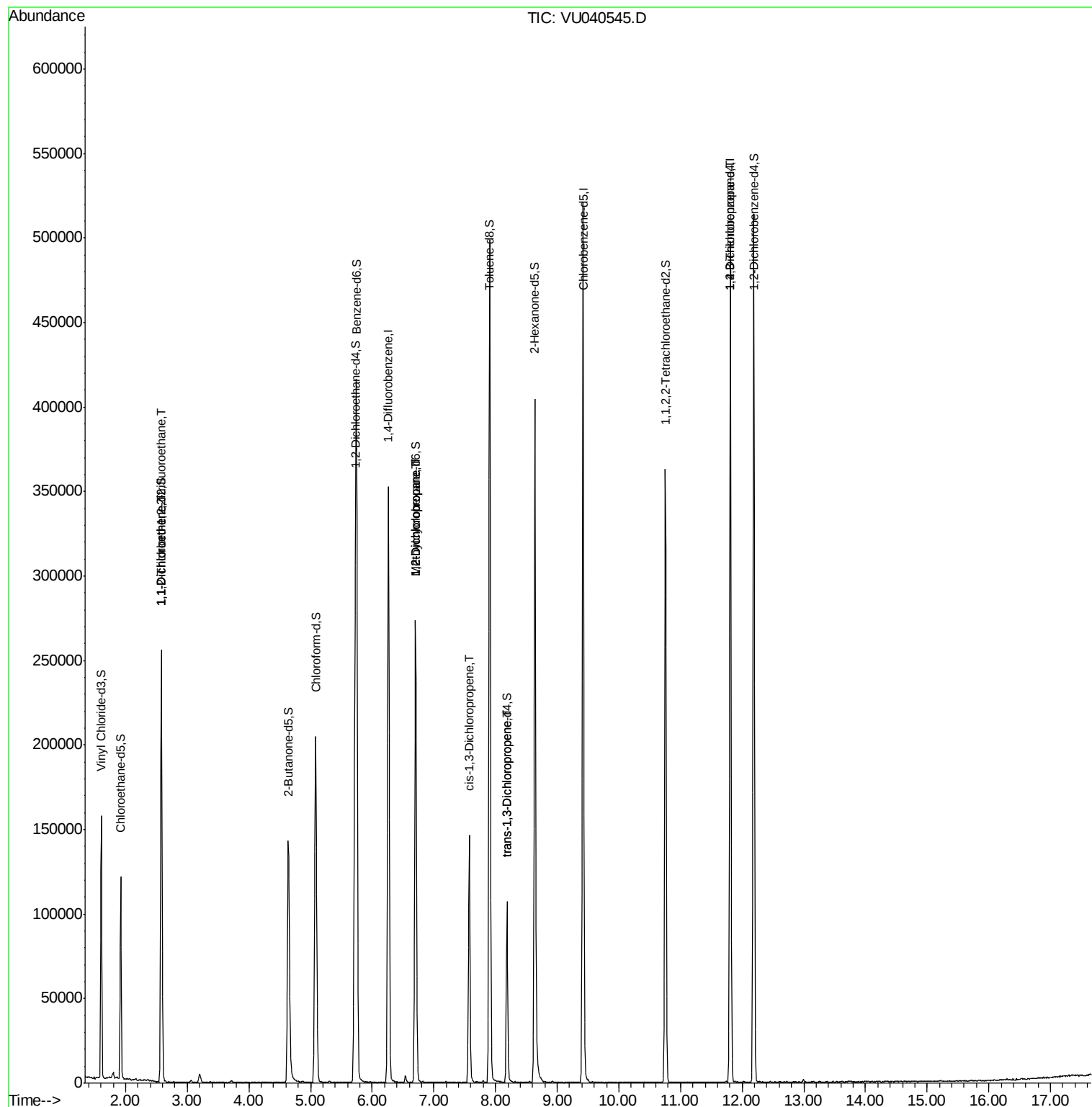
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	1168	0.582 ug/L #	22
12) 1,1-Dichloroethene	2.58	96	1229	0.662 ug/L #	1
35) Methylcyclohexane	6.70	83	27496	8.286 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	13497	5.801 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	3554	1.042 ug/L #	46
44) trans-1,3-Dichloropropene	8.19	75	2429	0.707 ug/L #	80
60) 1,2,3-Trichloropropane	11.81	75	17374	6.262 ug/L #	65

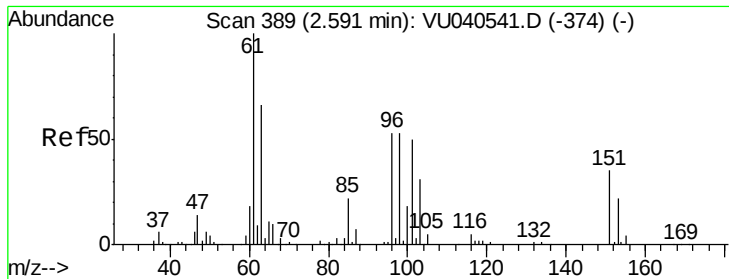
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.582 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU040545.D

Acq: 07 Oct 2020 15:13

Instrument :

MSVOA_U

ClientSampled :

VBLK209

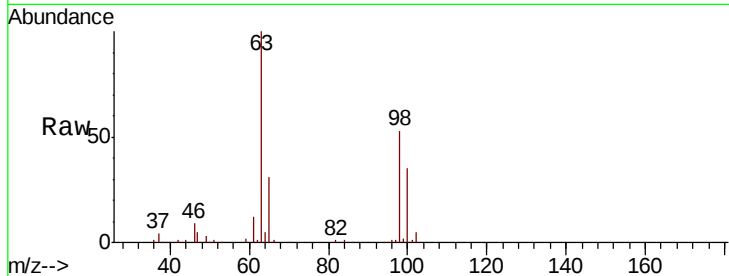
Tot Ion:101 Resp: 1168

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

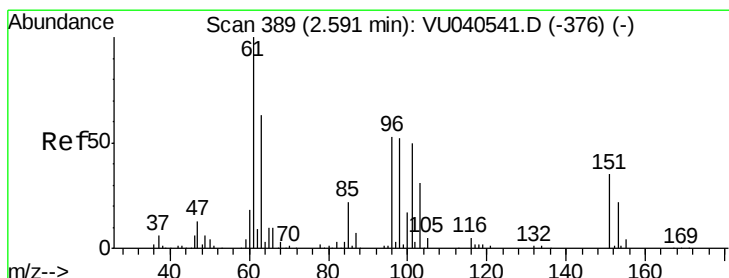
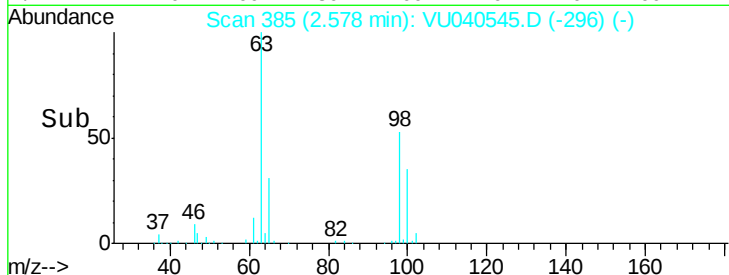
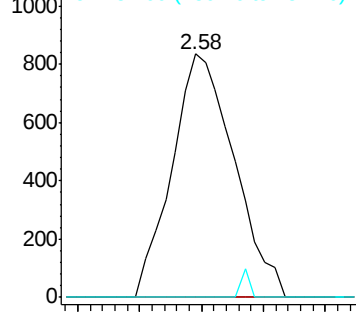
151 0.0 54.8 82.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.662 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040545.D

Acq: 07 Oct 2020 15:13

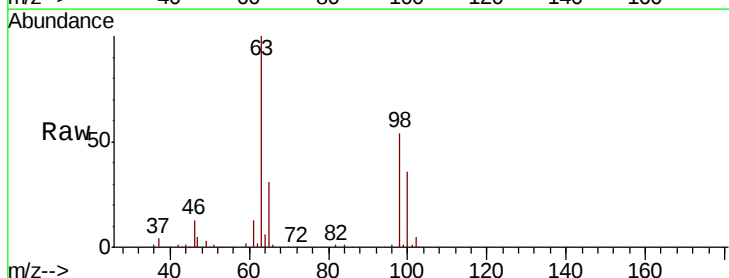
Tgt Ion: 96 Resp: 1229

Ion Ratio Lower Upper

96 100

61 1282.0 135.0 250.8#

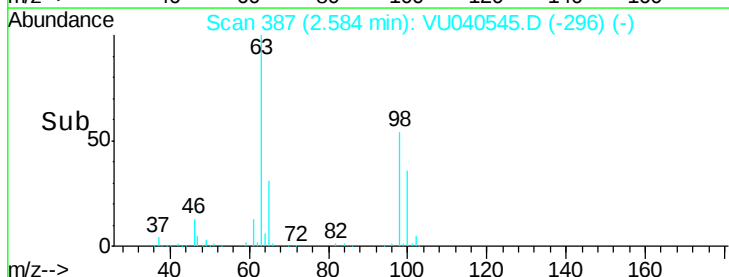
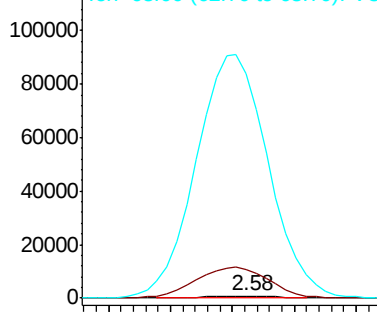
63 9985.7 101.4 188.2#

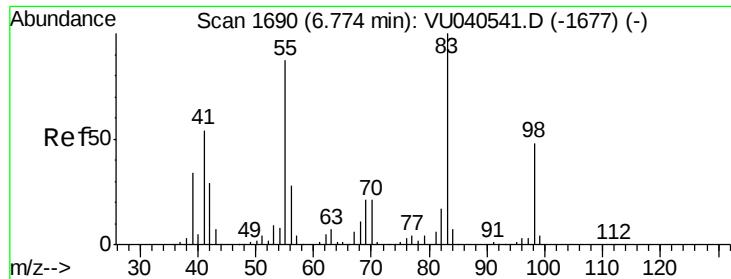


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#35

Methylcyclohexane

Concen: 8.286 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040545.D

Acq: 07 Oct 2020 15:13

Instrument :

MSVOA_U

ClientSampleId :

VBLK209

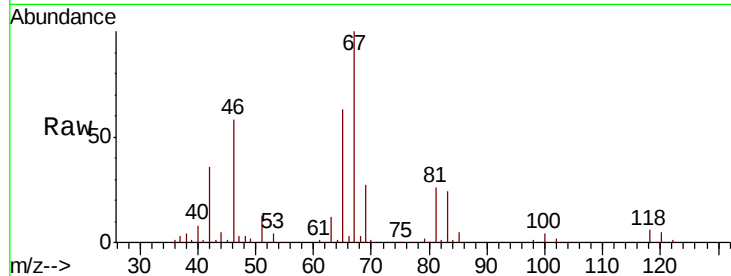
Tot Ion: 83 Resp: 27496

Ion Ratio Lower Upper

83 100

55 0.3 69.8 104.8#

98 1.4 39.1 58.7#

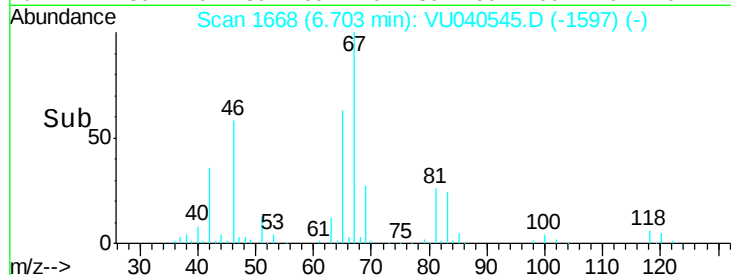


Abundance Ion 83.00 (82.70 to 83.70): VU040541.D (-1677) (-)

Ion 55.00 (54.70 to 55.70): VU040541.D (-1677) (-)

Ion 98.00 (97.70 to 98.70): VU040541.D (-1677) (-)

Time-->

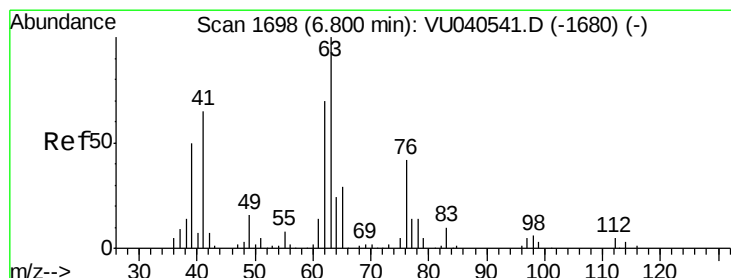


Abundance Ion 83.00 (82.70 to 83.70): VU040541.D (-1677) (-)

Ion 55.00 (54.70 to 55.70): VU040541.D (-1677) (-)

Ion 98.00 (97.70 to 98.70): VU040541.D (-1677) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 5.801 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040545.D

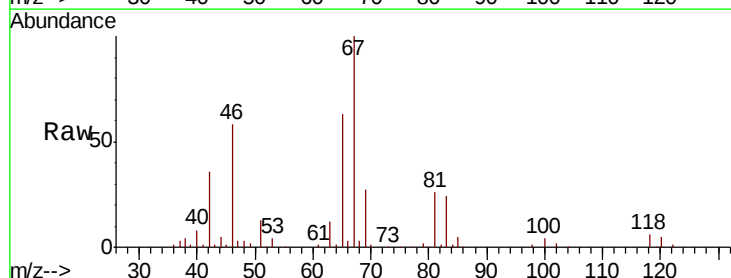
Acq: 07 Oct 2020 15:13

Tgt Ion: 63 Resp: 13497

Ion Ratio Lower Upper

63 100

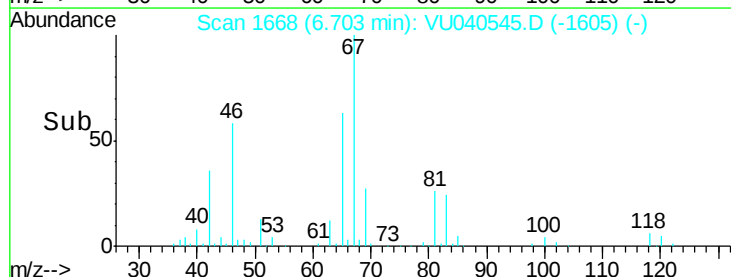
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VU040541.D (-1680) (-)

Ion 112.00 (111.70 to 112.70): VU040541.D (-1680) (-)

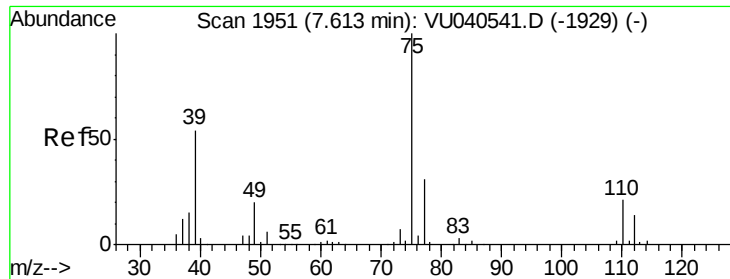
Time-->



Abundance Ion 63.00 (62.70 to 63.70): VU040541.D (-1680) (-)

Ion 112.00 (111.70 to 112.70): VU040541.D (-1680) (-)

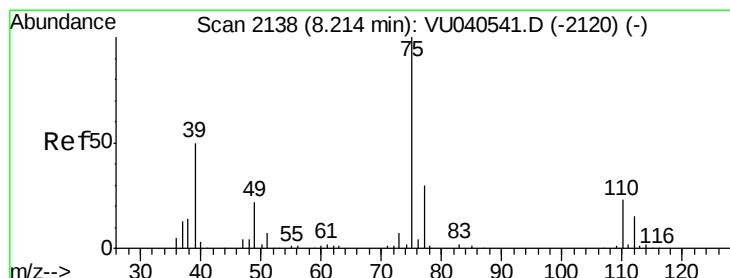
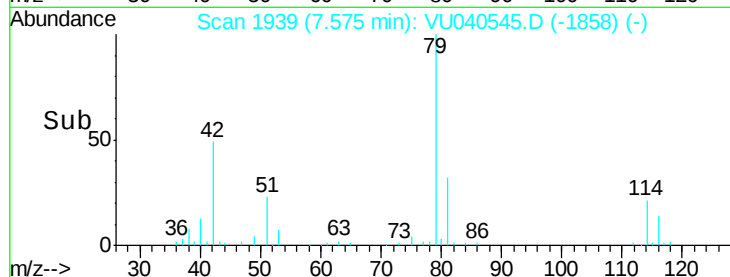
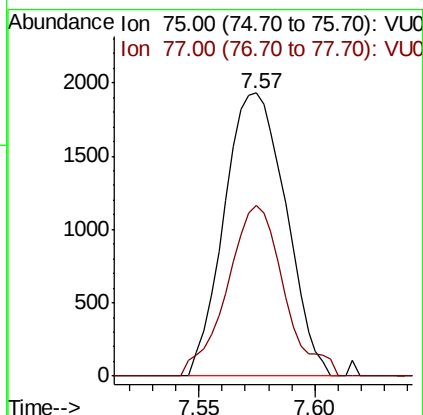
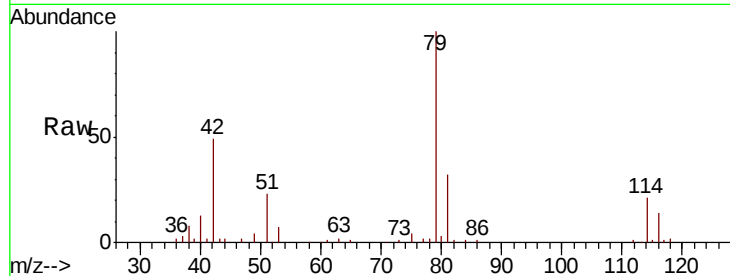
Time-->



#39
 cis-1,3-Dichloropropene
 Concen: 1.042 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040545.D
 Acq: 07 Oct 2020 15:13

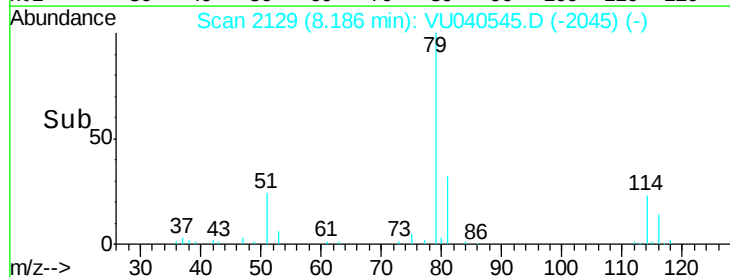
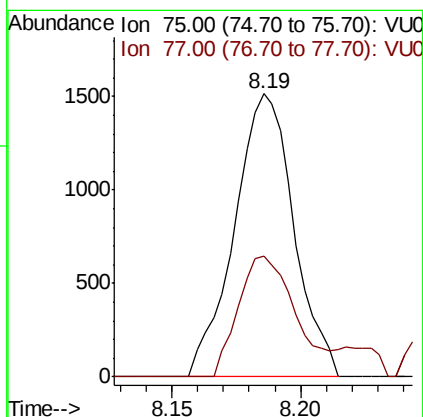
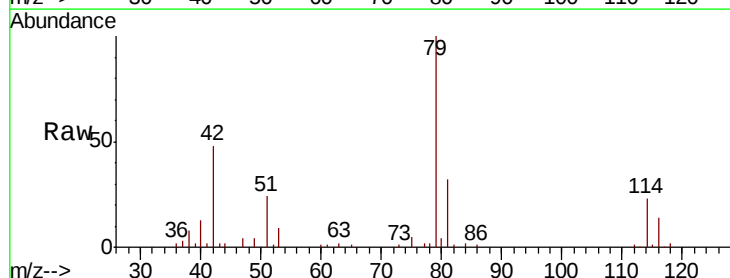
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK209

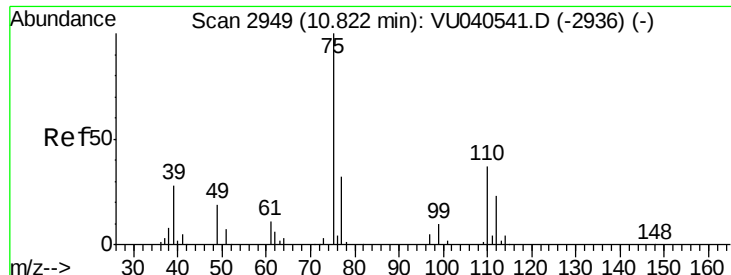
Tot Ion: 75 Resp: 3554
 Ion Ratio Lower Upper
 75 100
 77 60.2 21.4 39.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.707 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040545.D
 Acq: 07 Oct 2020 15:13

Tgt Ion: 75 Resp: 2429
 Ion Ratio Lower Upper
 75 100
 77 42.6 22.1 41.1#





#60

1,2,3-Trichloropropane

Concen: 6.262 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040545.D

Acq: 07 Oct 2020 15:13

Instrument :

MSVOA_U

ClientSampleId :

VBLK209

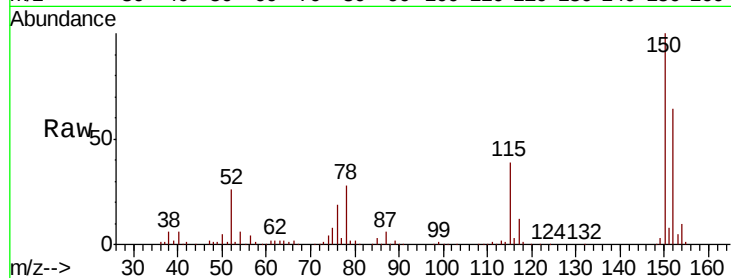
Tot Ion: 75 Resp: 17374

Ion Ratio Lower Upper

75 100

77 37.0 26.4 39.6

110 2.2 30.1 45.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

