

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040595.D
 Acq On : 09 Oct 2020 19:34
 Operator : SY/MD
 Sample : L4349-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS09

Quant Time: Oct 10 04:23:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 04:13:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	159297	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	160515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70513	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	51384	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.92	69	43459	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.58	63	76663	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.65	46	197339	46.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.44%
24) Chloroform-d	5.08	84	99099	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.72	65	60008	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.74	84	183436	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.70	67	62463	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.91	98	151156	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.19	79	24822	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.64	63	141509	45.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55612	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	62239	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

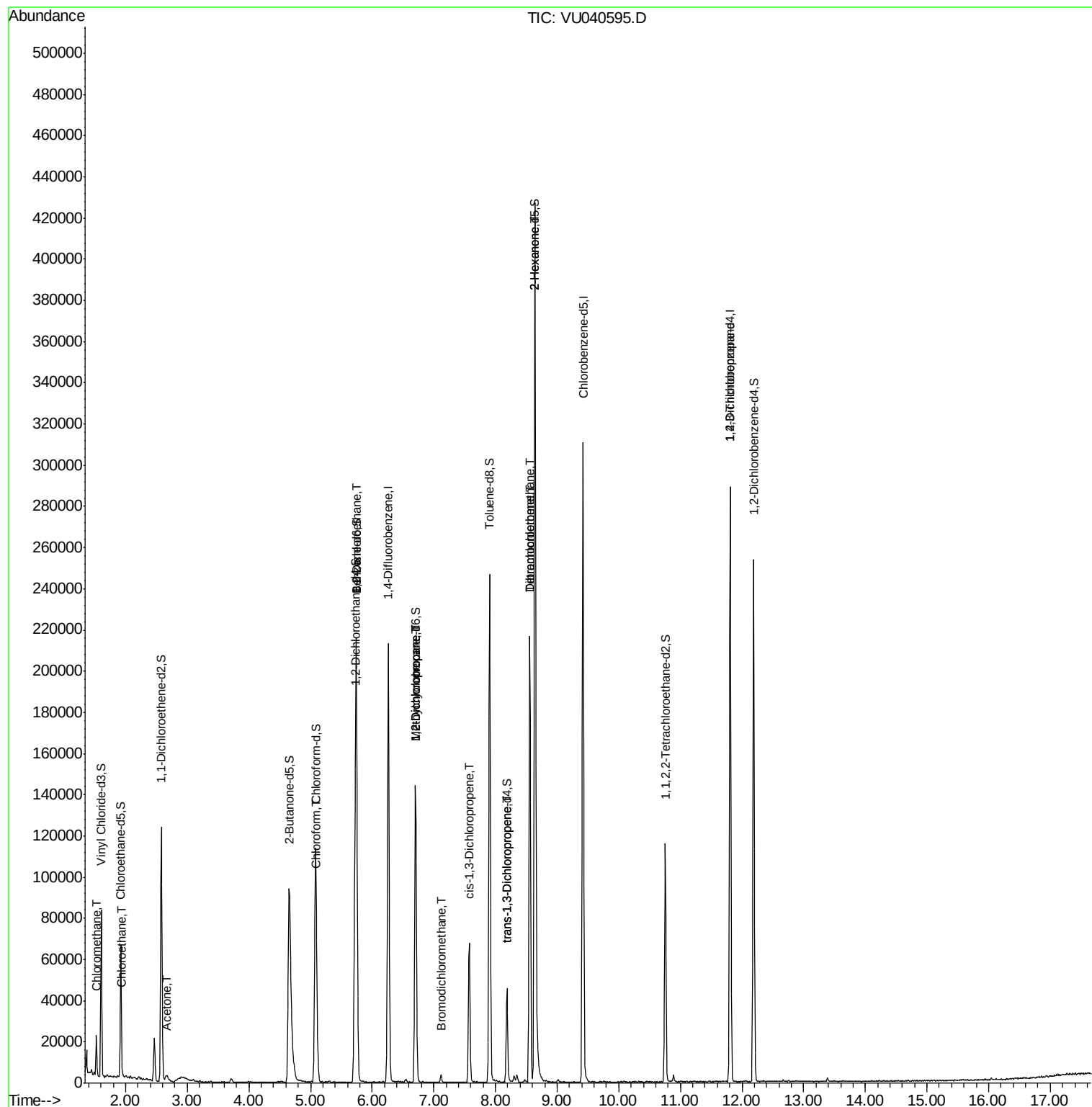
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	12948	0.959	ug/L	90
8) Chloroethane	1.94	64	647	0.071	ug/L #	77
13) Acetone	2.66	43	6628	2.024	ug/L	67
25) Chloroform	5.11	83	12226	0.487	ug/L	95
27) 1,2-Dichloroethane	5.74	62	1167	0.066	ug/L #	77
35) Methylcyclohexane	6.70	83	14941	0.788	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	7194	0.501	ug/L #	87
38) Bromodichloromethane	7.12	83	2490	0.136	ug/L #	94
39) cis-1,3-Dichloropropene	7.57	75	1784	0.091	ug/L #	61
44) trans-1,3-Dichloropropene	8.18	75	1180	0.065	ug/L	85
47) Tetrachloroethene	8.56	164	44861	4.704	ug/L	93
48) 2-Hexanone	8.64	43	20162	2.364	ug/L #	72
49) Dibromochloromethane	8.56	129	43154	3.485	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	9451	0.895	ug/L #	83

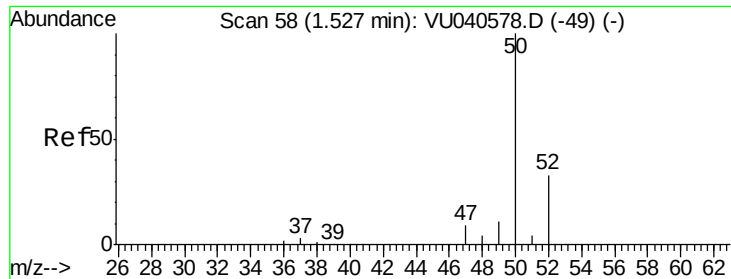
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100920\
Data File : VU040595.D
Acq On : 09 Oct 2020 19:34
Operator : SY/MD
Sample : L4349-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSD9

Quant Time: Oct 10 04:23:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 04:13:39 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.959 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040595.D

Acq: 09 Oct 2020 19:34

Instrument :

MSVOA_U

ClientSampleId :

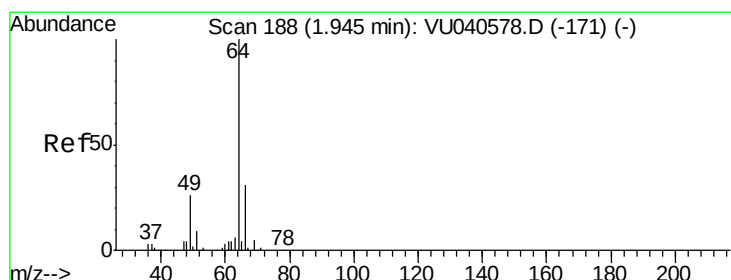
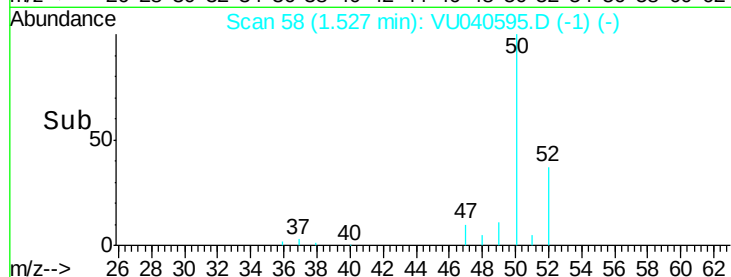
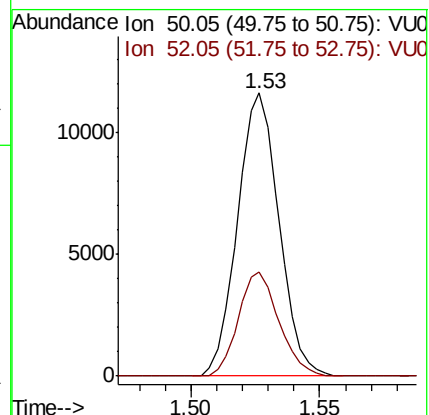
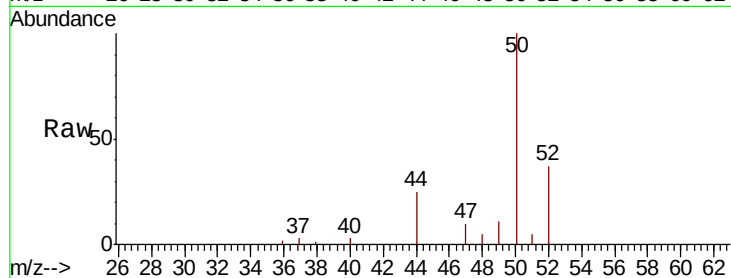
BFSD9

Tot Ion: 50 Resp: 12948

Ion Ratio Lower Upper

50 100

52 36.6 21.9 40.7



#8

Chloroethane

Concen: 0.071 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU040595.D

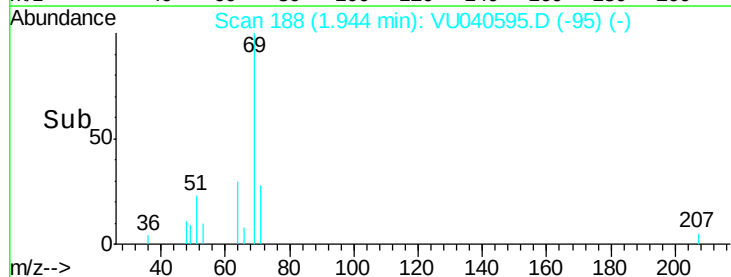
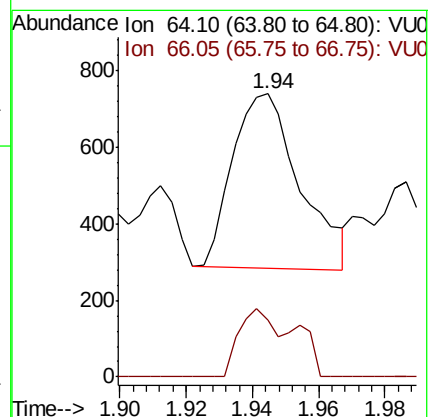
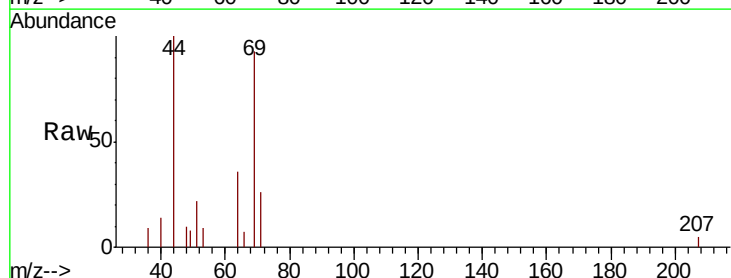
Acq: 09 Oct 2020 19:34

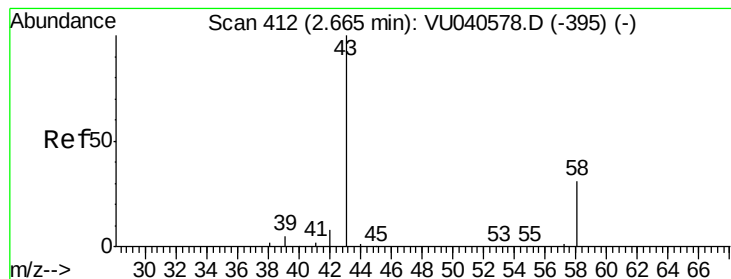
Tgt Ion: 64 Resp: 647

Ion Ratio Lower Upper

64 100

66 20.0 23.3 43.3#





#13

Acetone

Concen: 2.024 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU040595.D

Acq: 09 Oct 2020 19:34

Instrument :

MSVOA_U

ClientSampleId :

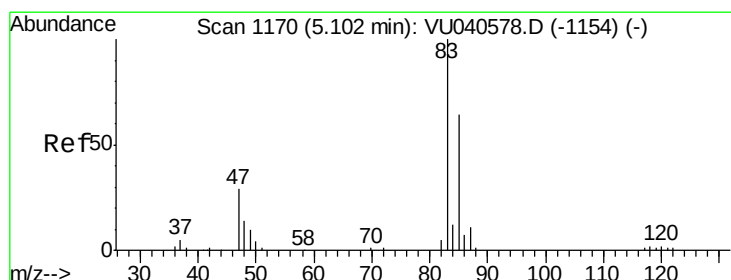
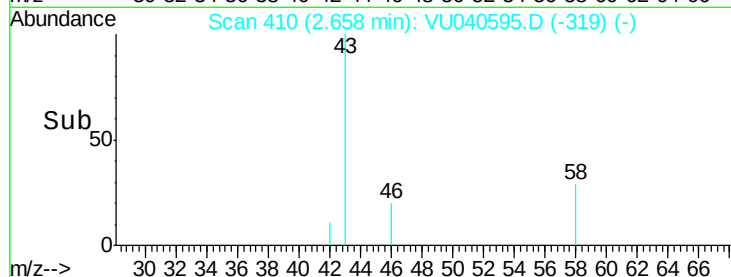
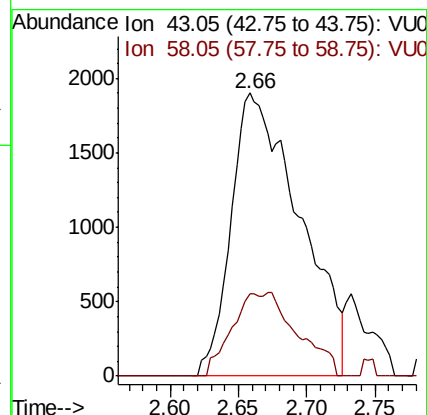
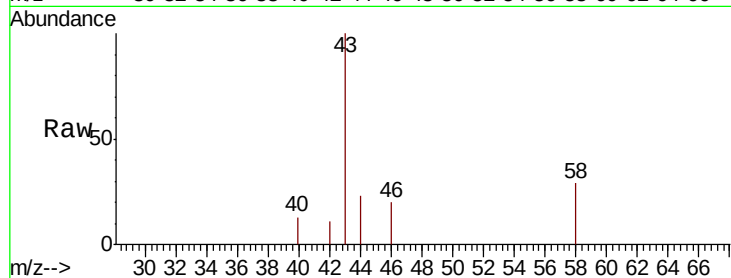
BFSD9

Tot Ion: 43 Resp: 6628

Ion Ratio Lower Upper

43 100

58 12.2 0.0 60.6



#25

Chloroform

Concen: 0.487 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040595.D

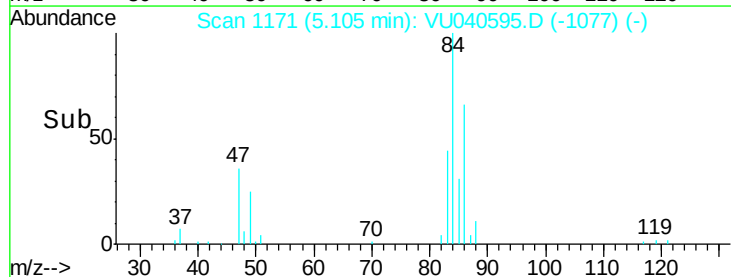
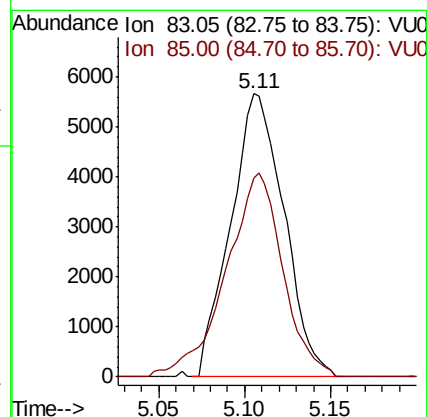
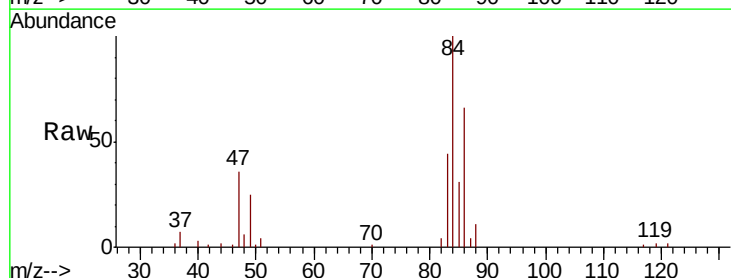
Acq: 09 Oct 2020 19:34

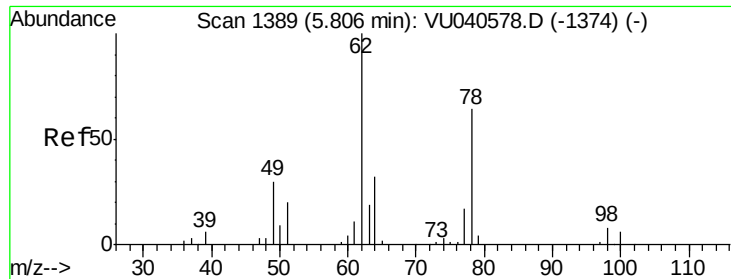
Tgt Ion: 83 Resp: 12226

Ion Ratio Lower Upper

83 100

85 70.3 46.5 86.5

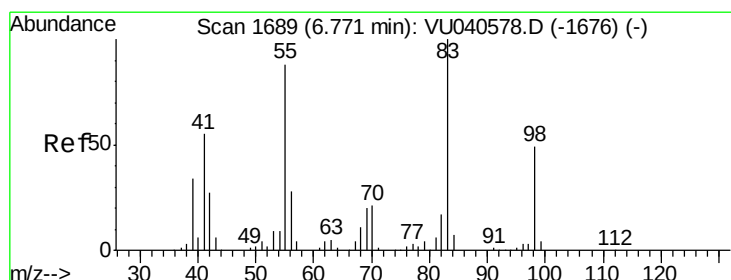
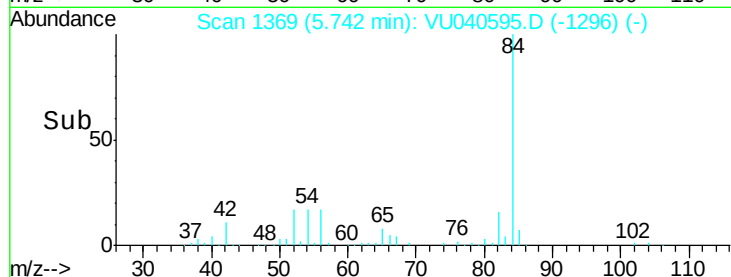
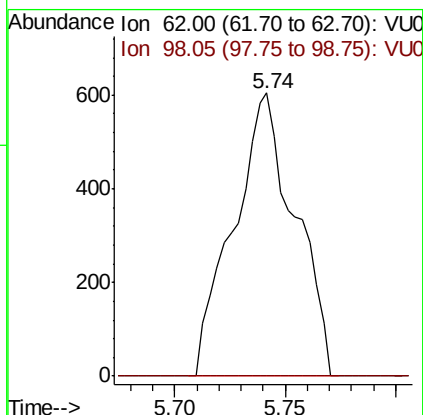
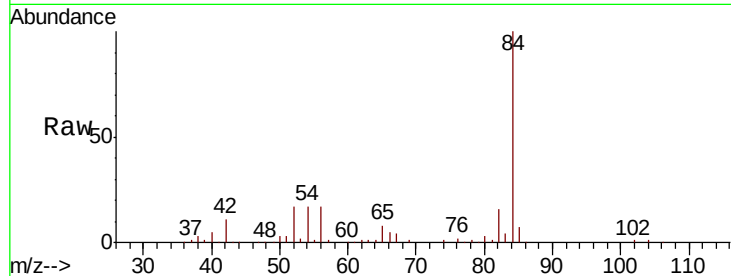




#27
 1,2-Dichloroethane
 Concen: 0.066 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU040595.D
 Acq: 09 Oct 2020 19:34

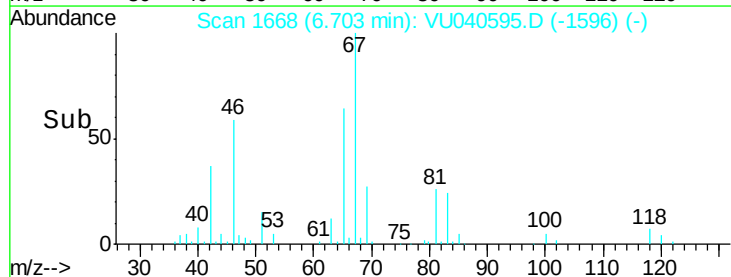
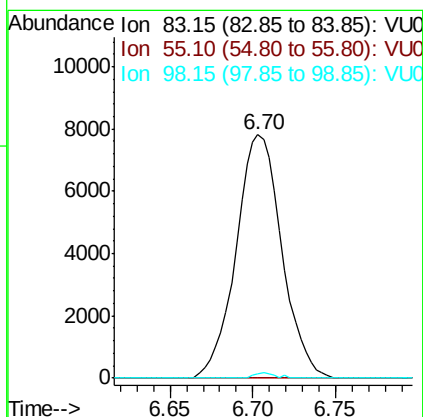
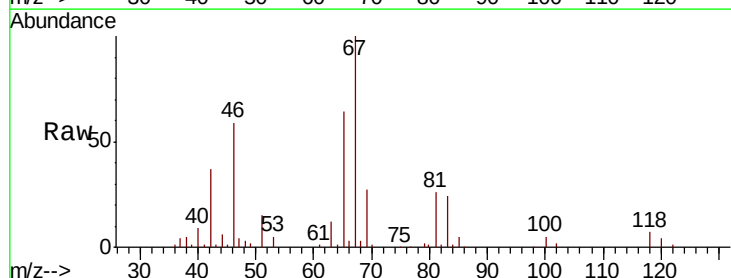
Instrument :
 MSVOA_U
 ClientSampleId :
 BFS09

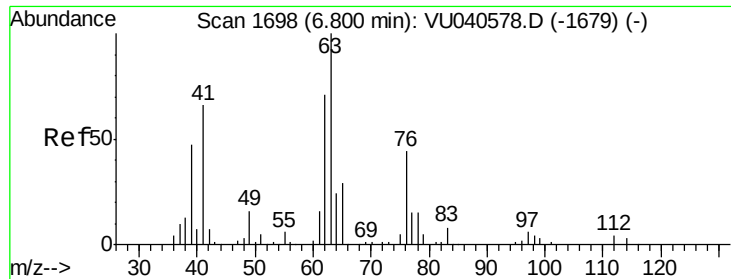
Tot Ion: 62 Resp: 1167
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.788 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040595.D
 Acq: 09 Oct 2020 19:34

Tgt Ion: 83 Resp: 14941
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.7 106.1#
 98 1.0 38.4 57.6#

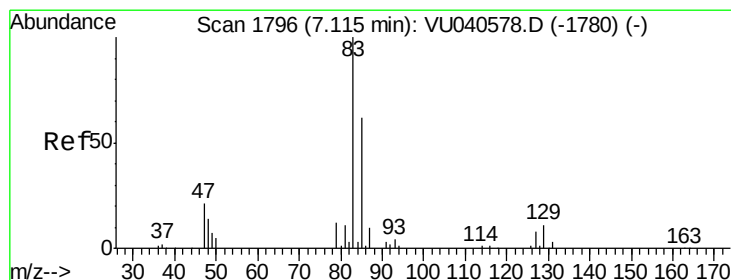
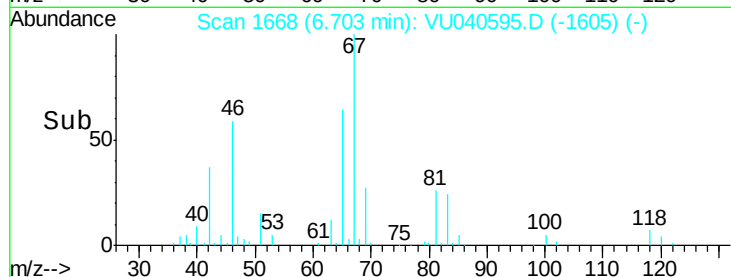
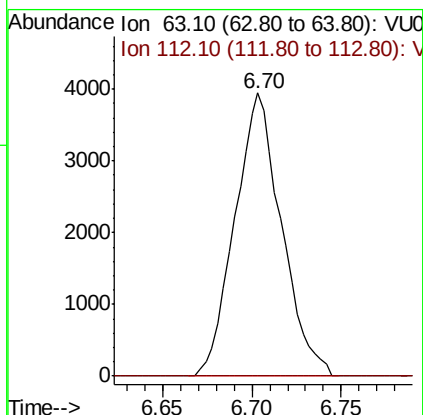
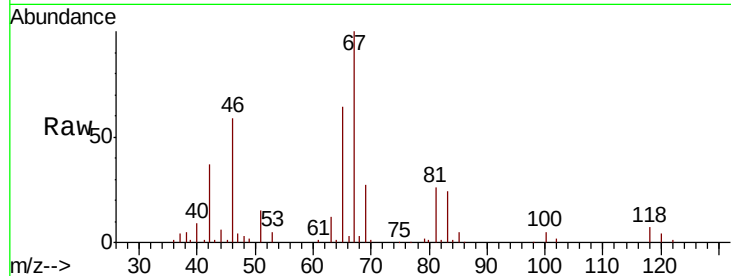




#37
 1,2-Dichloropropane
 Concen: 0.501 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040595.D
 Acq: 09 Oct 2020 19:34

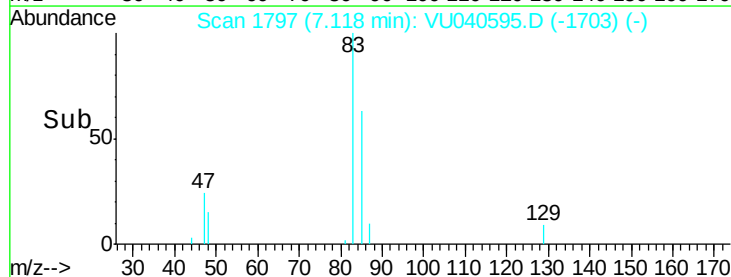
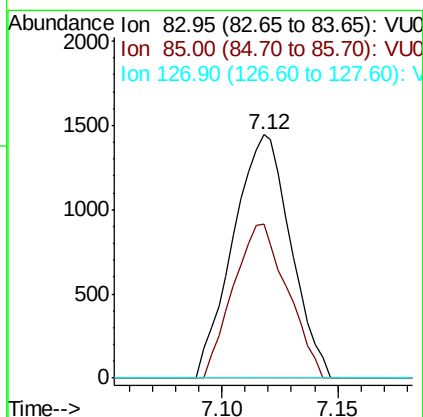
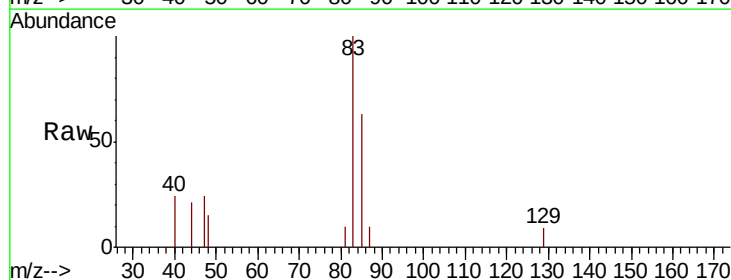
Instrument :
 MSVOA_U
 ClientSampled :
 BFS09

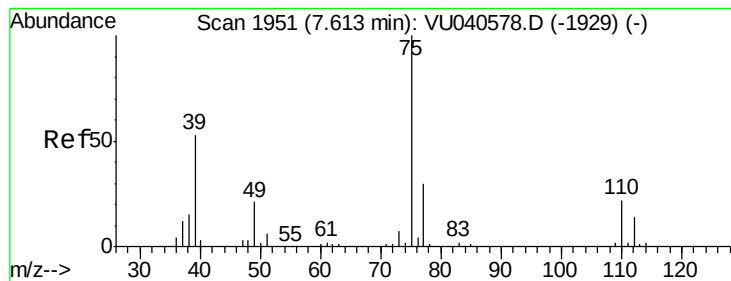
Tot Ion: 63 Resp: 7194
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#38
 Bromodichloromethane
 Concen: 0.136 ug/L
 RT: 7.12 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VU040595.D
 Acq: 09 Oct 2020 19:34

Tgt Ion: 83 Resp: 2490
 Ion Ratio Lower Upper
 83 100
 85 63.0 46.0 85.4
 127 0.0 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040595.D

Acq: 09 Oct 2020 19:34

Instrument :

MSVOA_U

ClientSampleId :

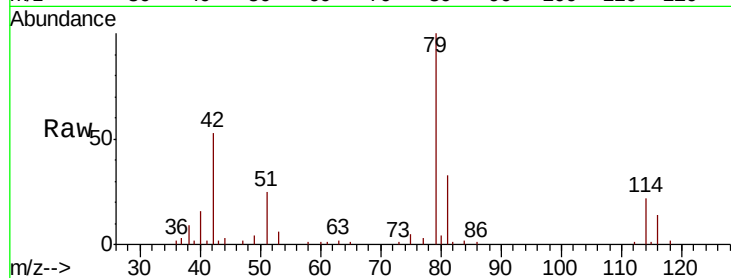
BFS09

Tot Ion: 75 Resp: 1784

Ion Ratio Lower Upper

75 100

77 50.2 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

1200

1000

800

600

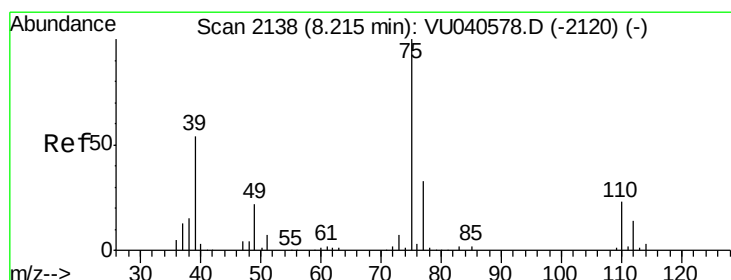
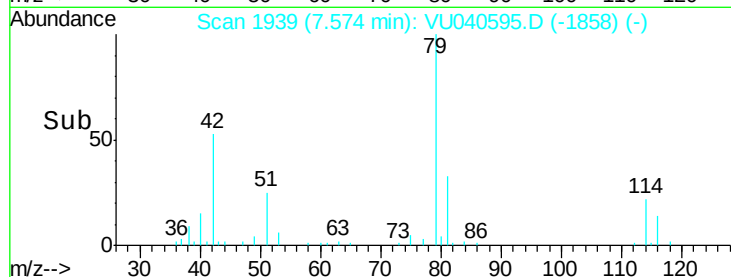
400

200

0

7.55 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.065 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040595.D

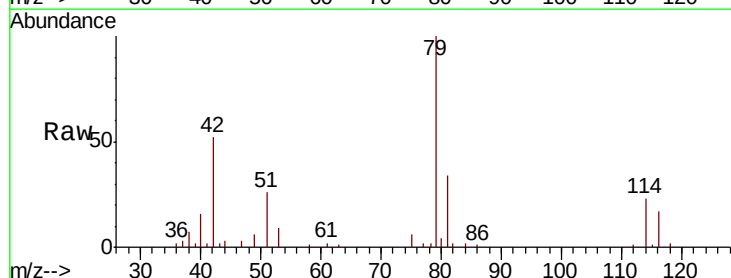
Acq: 09 Oct 2020 19:34

Tgt Ion: 75 Resp: 1180

Ion Ratio Lower Upper

75 100

77 37.3 20.4 38.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

800

600

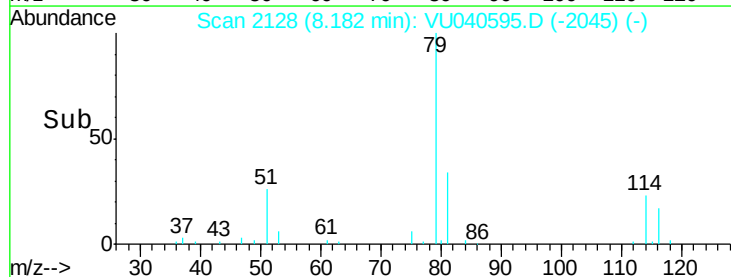
400

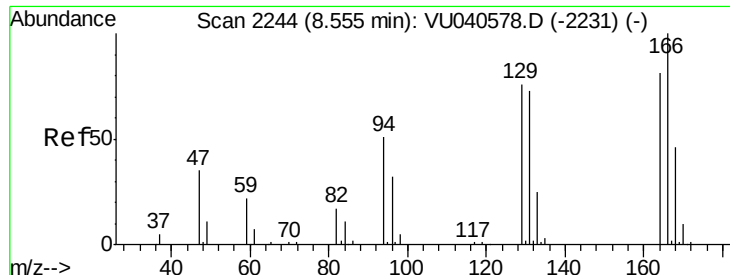
200

0

8.15 8.20

Time-->

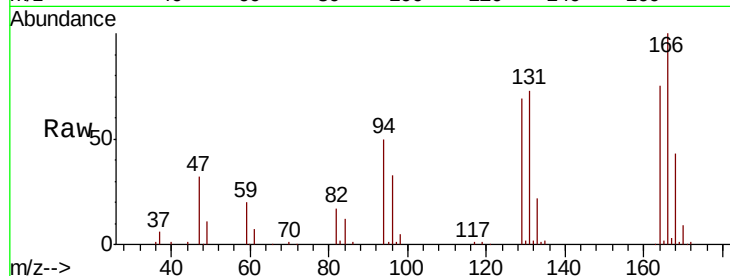




#47
Tetrachloroethene
Concen: 4.704 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040595.D
Acq: 09 Oct 2020 19:34

Instrument :
MSVOA_U
ClientSampleId :
BFSD9

Tot Ion	Ratio	Lower	Upper
164	100		
129	91.1	68.8	127.8
131	96.4	66.7	123.9
166	132.6	83.9	155.7



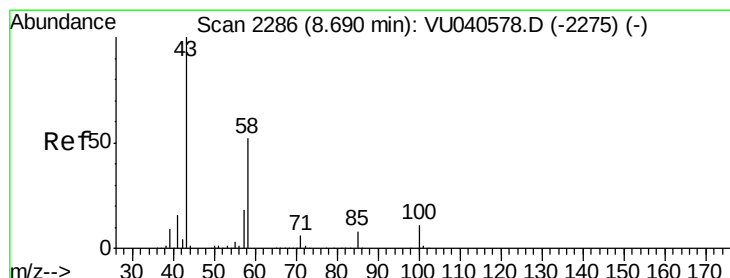
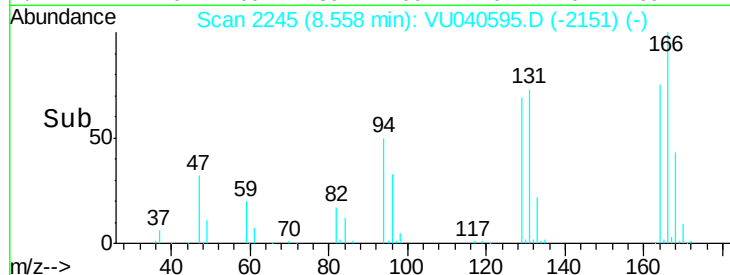
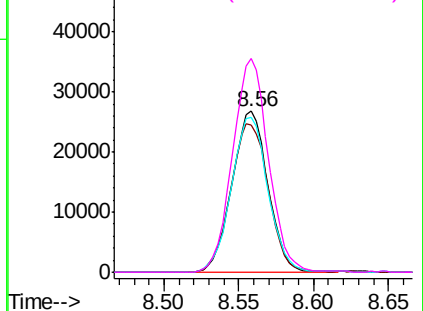
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

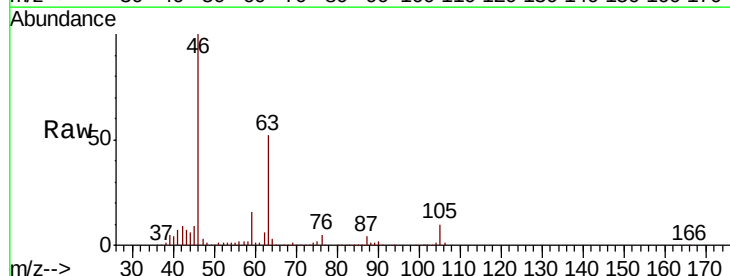
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48
2-Hexanone
Concen: 2.364 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040595.D
Acq: 09 Oct 2020 19:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.1	41.0	61.6#
57	26.7	14.4	21.6#
100	0.4	8.6	13.0#



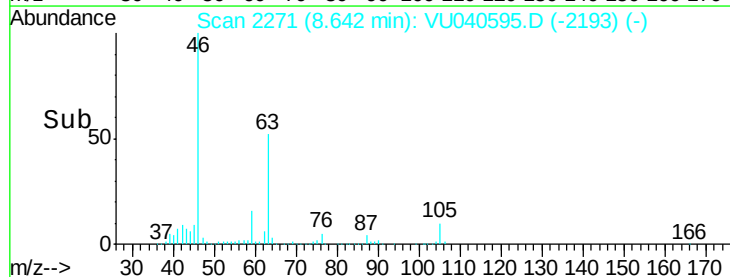
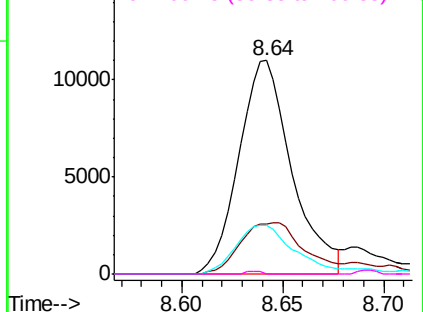
Abundance

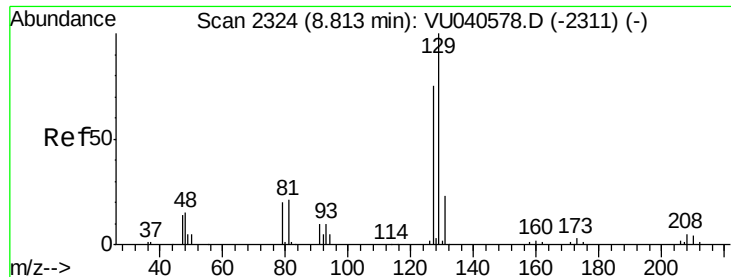
Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 3.485 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU040595.D

Acq: 09 Oct 2020 19:34

Instrument :

MSVOA_U

ClientSampleId :

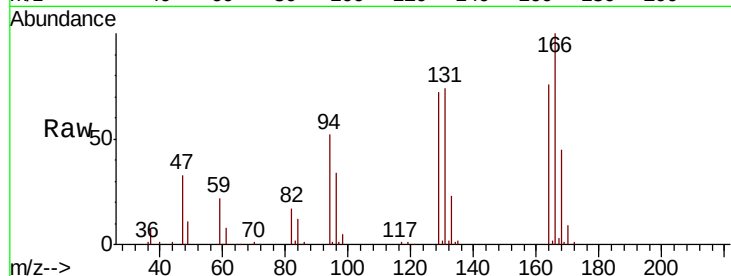
BFS09

Tot Ion:129 Resp: 43154

Ion Ratio Lower Upper

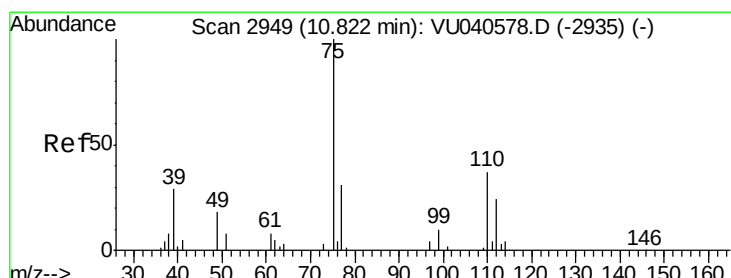
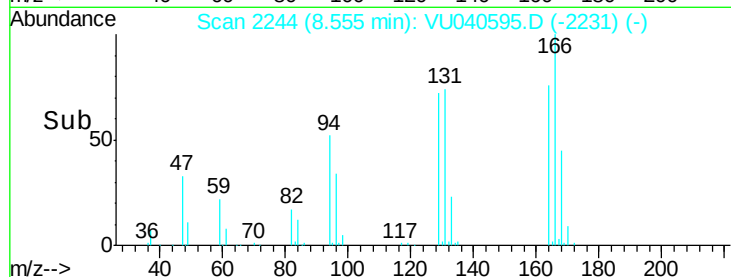
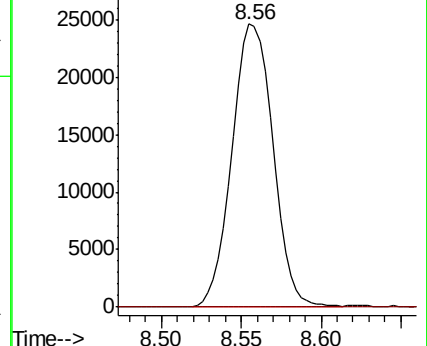
129 100

127 0.0 55.8 103.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.895 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040595.D

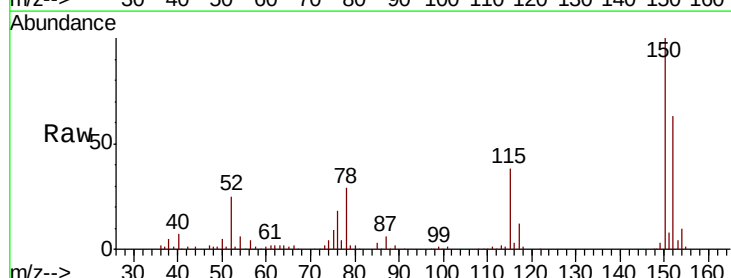
Acq: 09 Oct 2020 19:34

Tgt Ion: 75 Resp: 9451

Ion Ratio Lower Upper

75 100

77 42.5 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

