

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040943.D
 Acq On : 26 Oct 2020 14:51
 Operator : SY/MD
 Sample : L4492-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAN8

Quant Time: Oct 27 03:15:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 03:00:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54928	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57203	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13776	2.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.60%
7) Chloroethane-d5	1.92	69	13907	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.58	63	23411	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	4.67	46	78698	51.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	5.08	84	36913	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.72	65	23128	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.74	84	61982	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.70	67	22542	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.91	98	47034	3.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.80%#
43) trans-1,3-Dichloropropene-	8.19	79	8645	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.64	63	58220	50.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22446	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	21560	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

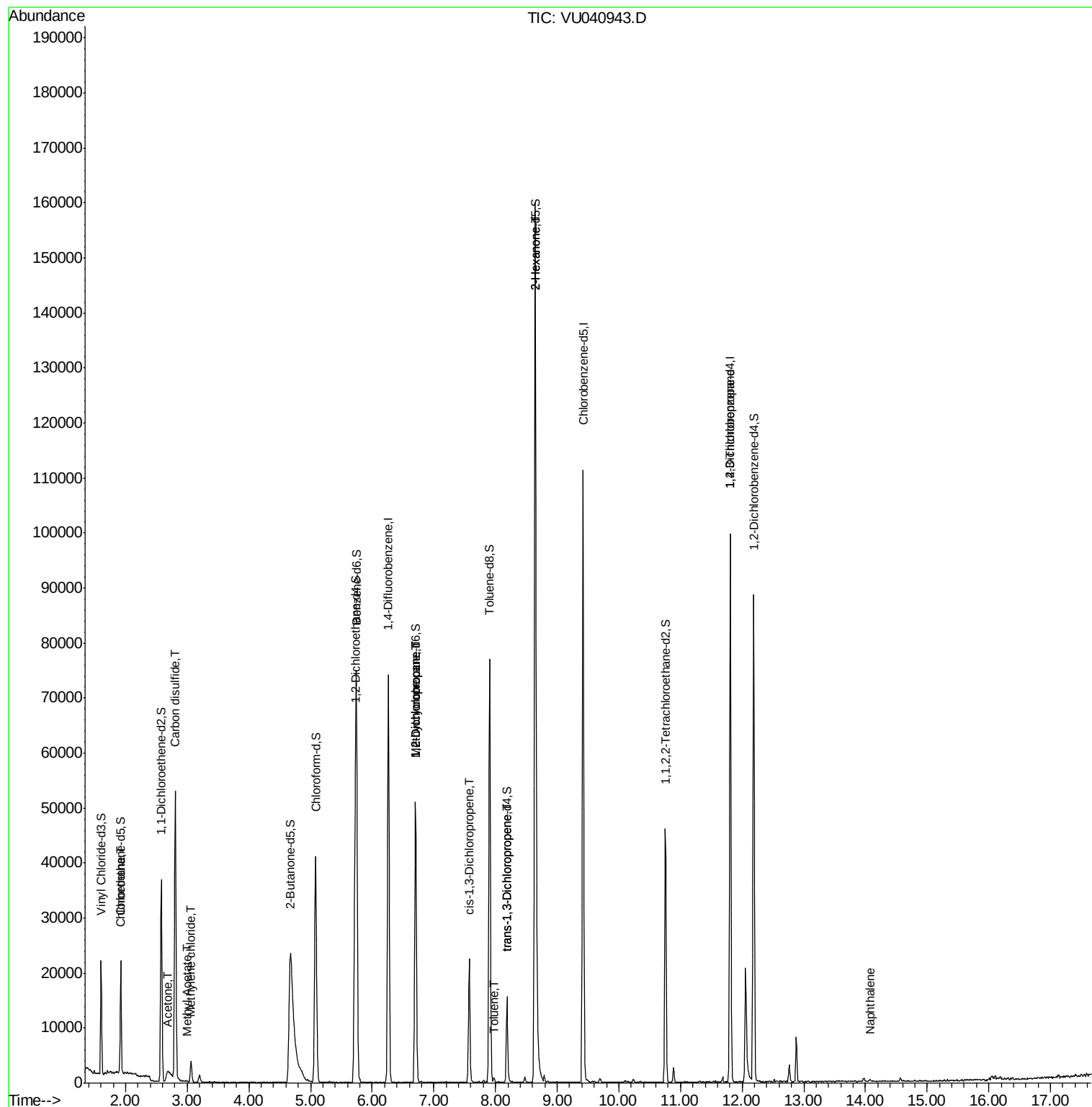
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.93	64	302	0.092	ug/L #	43
13) Acetone	2.69	43	3894	3.748	ug/L	98
14) Carbon disulfide	2.81	76	65699	5.067	ug/L	99
15) Methyl Acetate	2.99	43	267	0.112	ug/L #	53
16) Methylene chloride	3.06	84	1609	0.356	ug/L	92
35) Methylcyclohexane	6.70	83	5342	0.823	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2478	0.536	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	539	0.085	ug/L	86
42) Toluene	7.97	91	743	0.043	ug/L	86
44) trans-1,3-Dichloropropene	8.18	75	329	0.055	ug/L #	70
48) 2-Hexanone	8.64	43	8407	3.028	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	3697	1.073	ug/L	96
69) Naphthalene	14.08	128	625	0.089	ug/L #	69

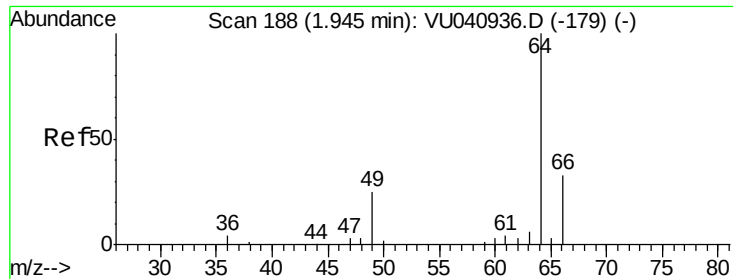
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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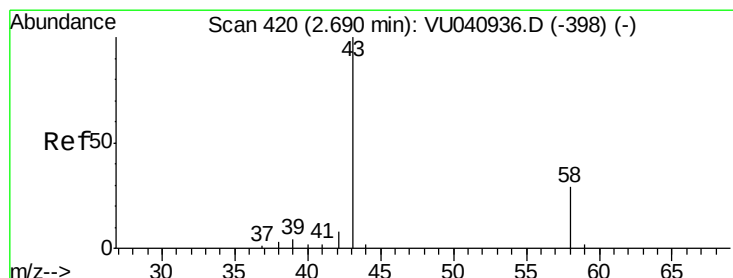
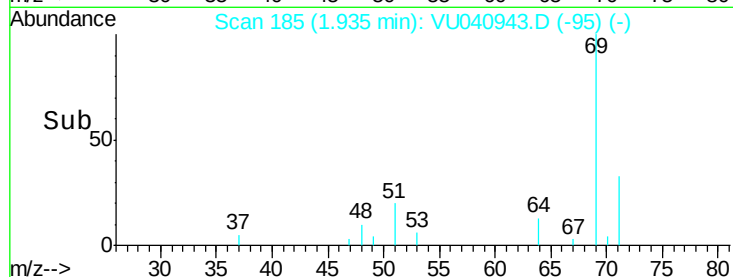
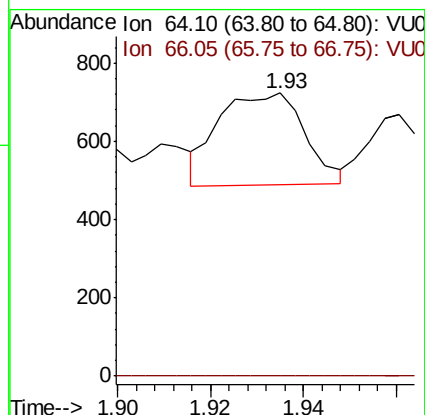
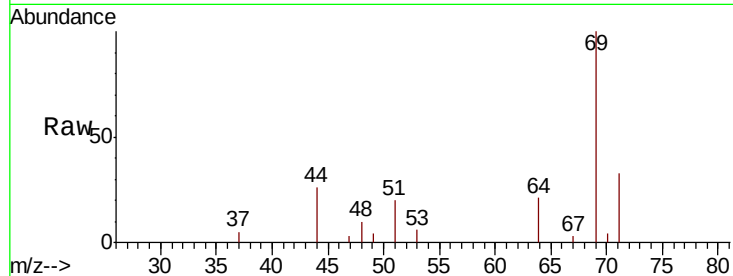




#8
Chloroethane
Concen: 0.092 ug/L
RT: 1.93 min Scan# 185
Delta R.T. -0.01 min
Lab File: VU040943.D
Acq: 26 Oct 2020 14:51

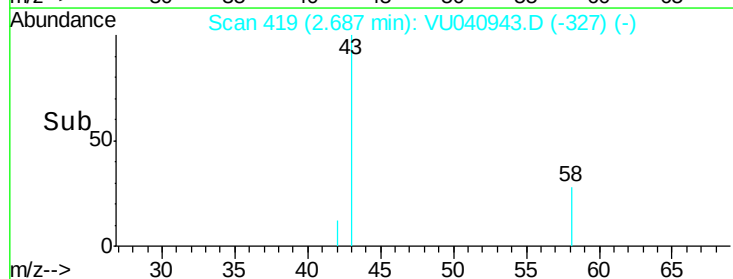
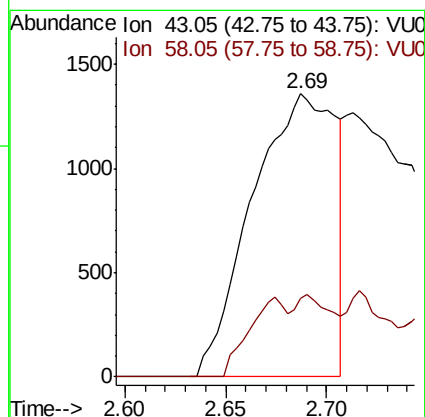
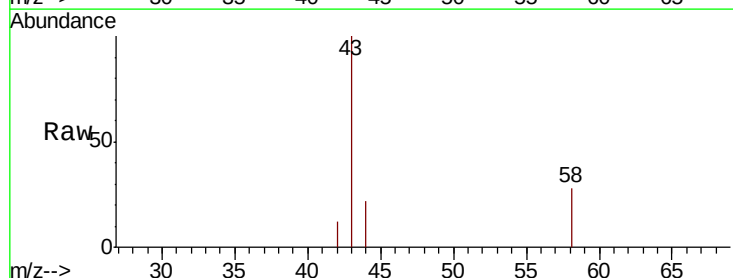
Instrument :
MSVOA_U
ClientSampleId :
COAN8

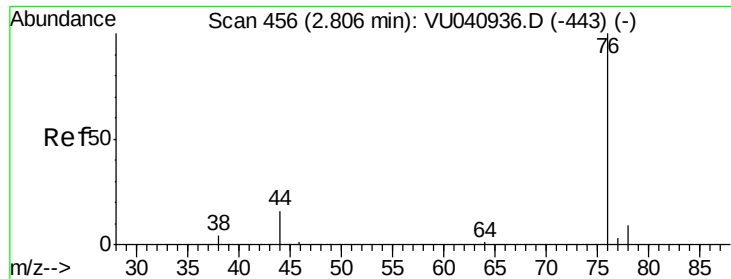
Tot Ion: 64 Resp: 302
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#



#13
Acetone
Concen: 3.748 ug/L
RT: 2.69 min Scan# 419
Delta R.T. -0.00 min
Lab File: VU040943.D
Acq: 26 Oct 2020 14:51

Tgt Ion: 43 Resp: 3894
Ion Ratio Lower Upper
43 100
58 13.4 0.0 25.4

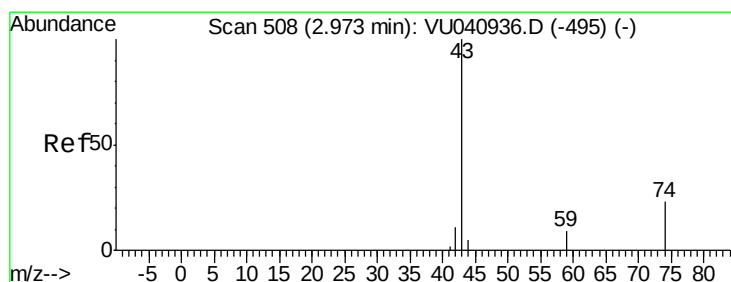
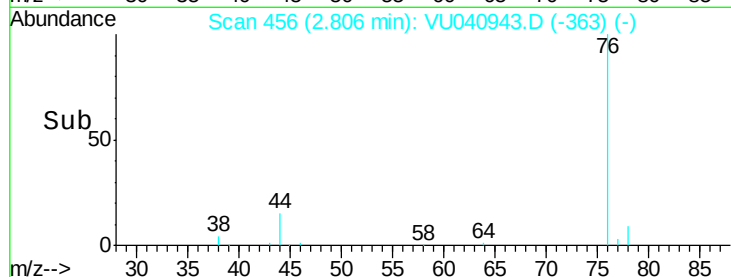
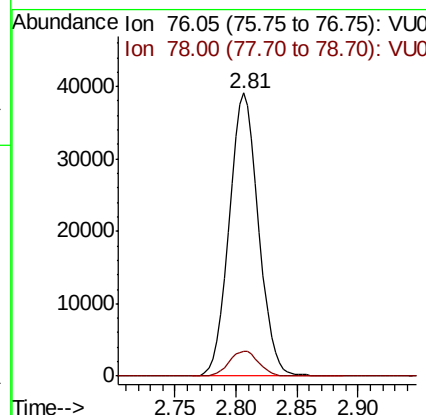
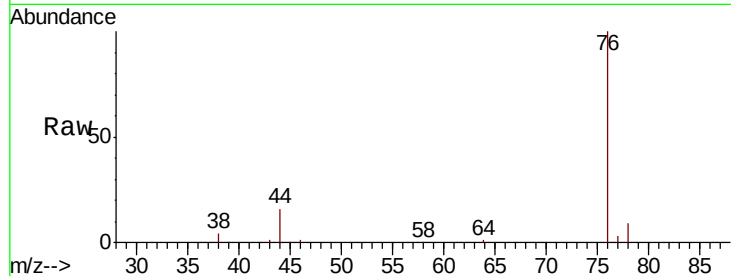




#14
Carbon disulfide
Concen: 5.067 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040943.D
Acq: 26 Oct 2020 14:51

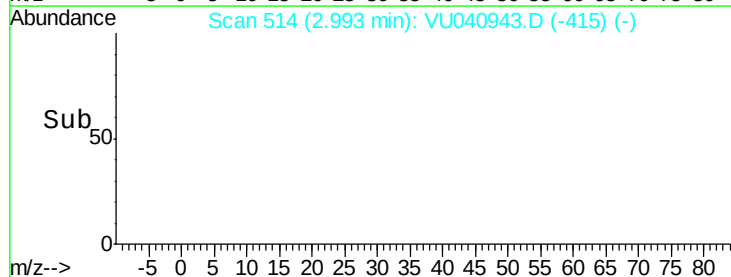
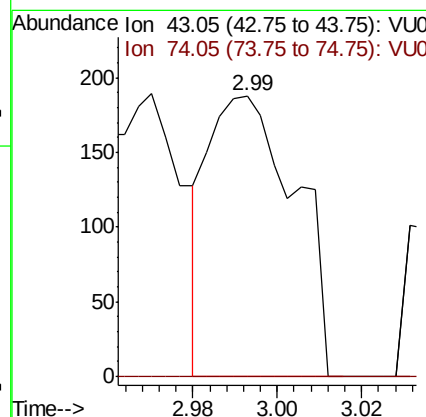
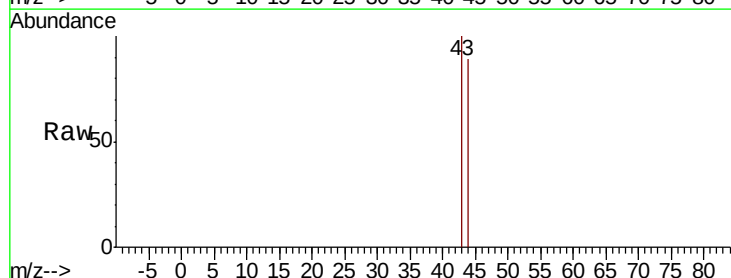
Instrument :
MSVOA_U
ClientSampleId :
C0AN8

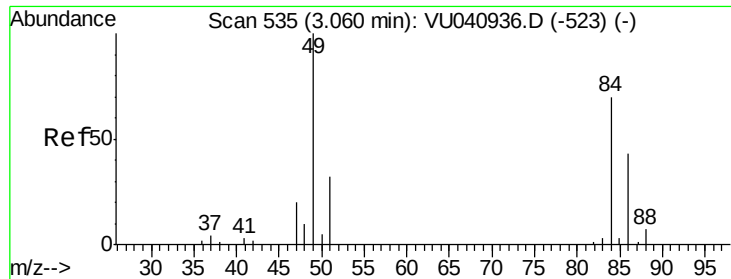
Tot Ion: 76 Resp: 65699
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#15
Methyl Acetate
Concen: 0.112 ug/L
RT: 2.99 min Scan# 514
Delta R.T. 0.02 min
Lab File: VU040943.D
Acq: 26 Oct 2020 14:51

Tgt Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

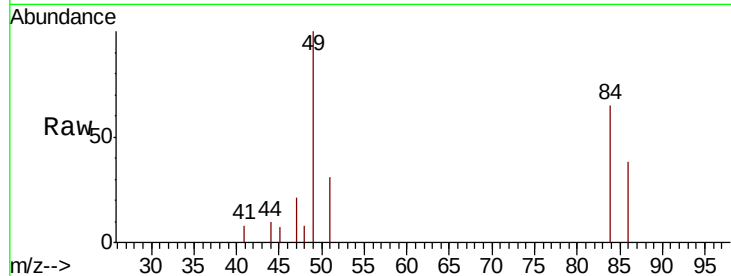




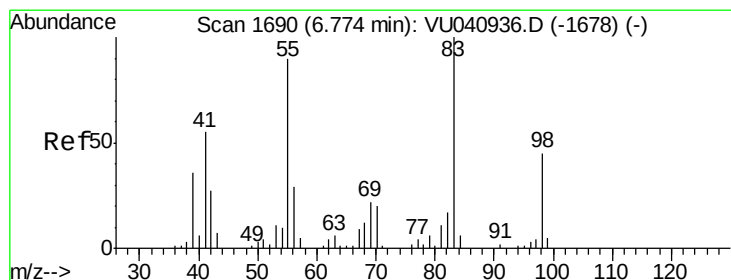
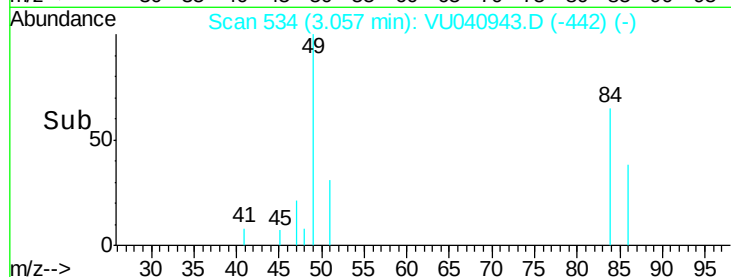
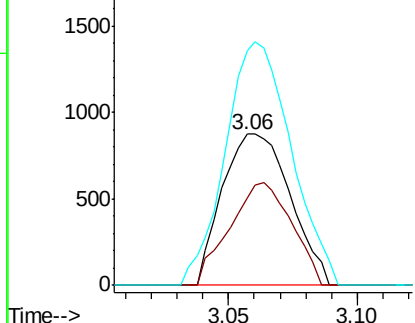
#16
Methylene chloride
Concen: 0.356 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040943.D
Acq: 26 Oct 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :
COAN8

Tot Ion: 84 Resp: 1609
Ion Ratio Lower Upper
84 100
86 58.2 42.8 79.6
49 154.9 99.5 184.7

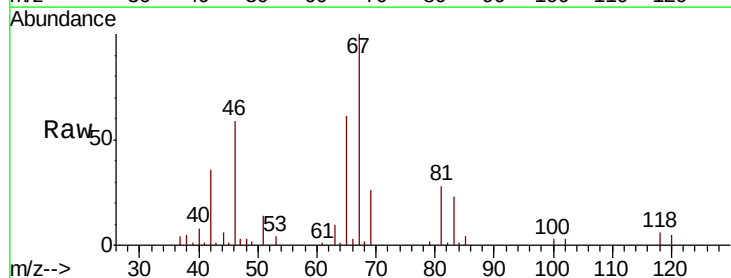


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

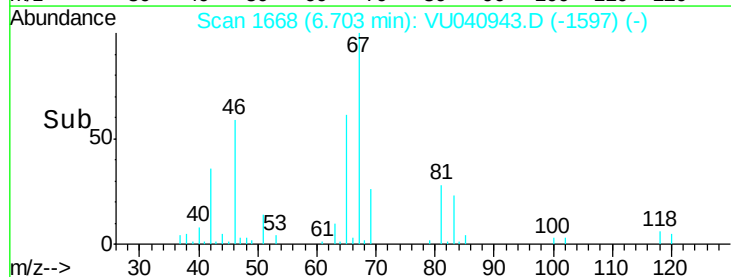
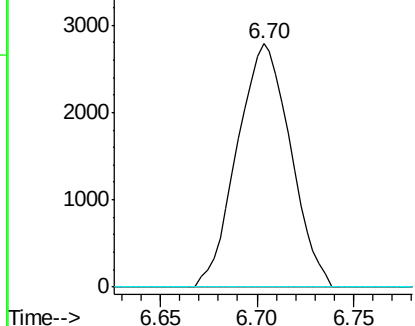


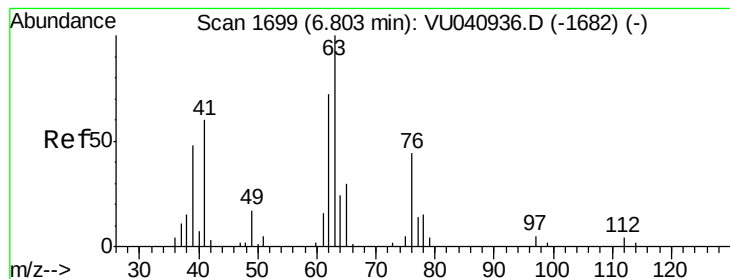
#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040943.D
Acq: 26 Oct 2020 14:51

Tgt Ion: 83 Resp: 5342
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: 0.536 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU040943.D

Acq: 26 Oct 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

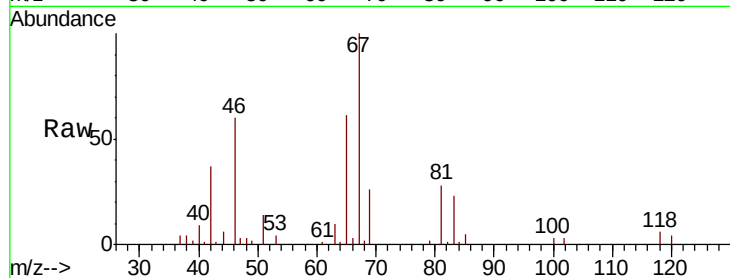
C0AN8

Tot Ion: 63 Resp: 2478

Ion Ratio Lower Upper

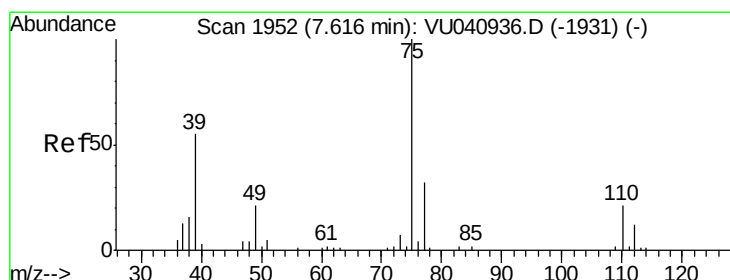
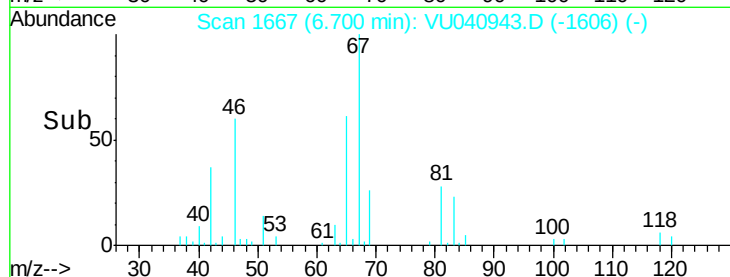
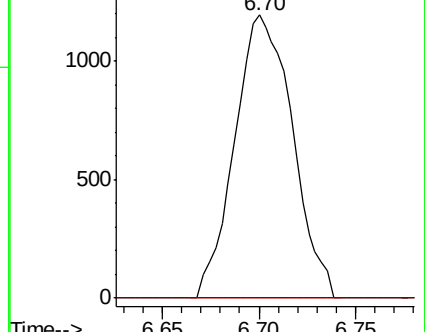
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU040936.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU040936.D (-1682) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040943.D

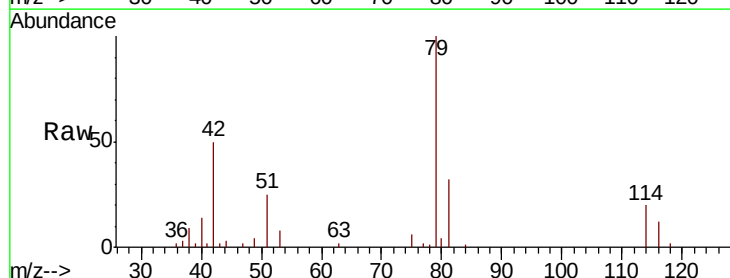
Acq: 26 Oct 2020 14:51

Tgt Ion: 75 Resp: 539

Ion Ratio Lower Upper

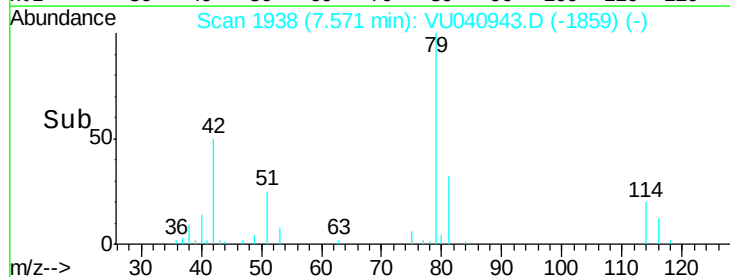
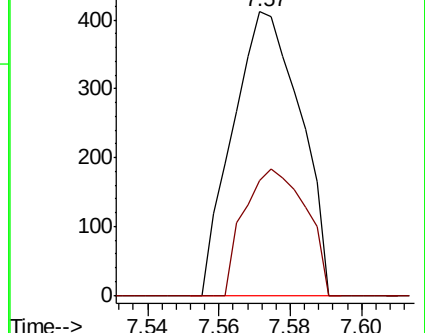
75 100

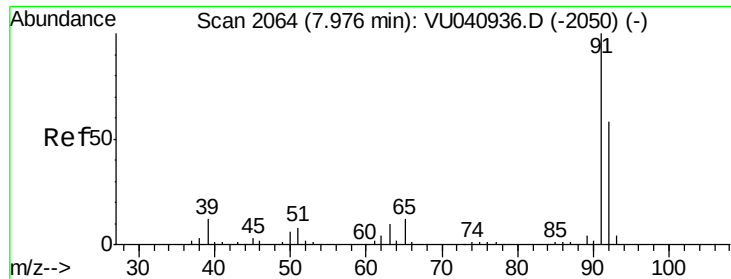
77 40.3 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VU040936.D (-1931) (-)

Ion 77.05 (76.75 to 77.75): VU040936.D (-1931) (-)





#42

Toluene

Concen: 0.043 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040943.D

Acq: 26 Oct 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

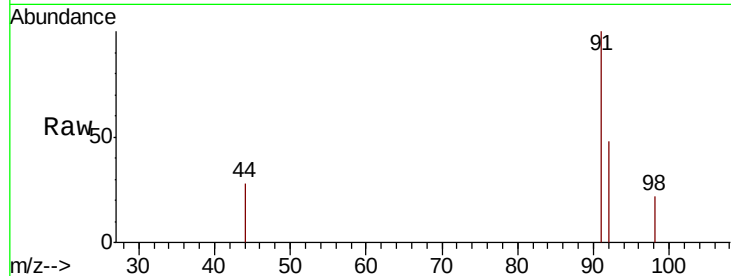
C0AN8

Tot Ion: 91 Resp: 743

Ion Ratio Lower Upper

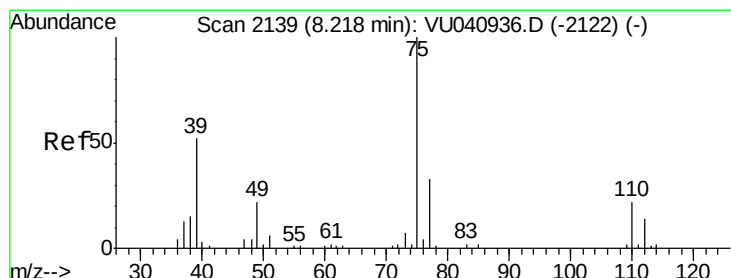
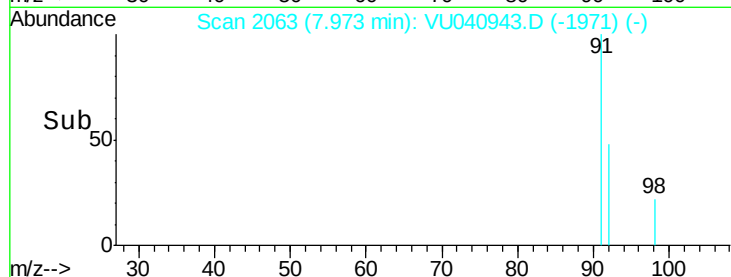
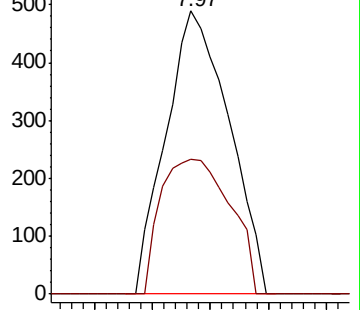
91 100

92 47.9 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.055 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.04 min

Lab File: VU040943.D

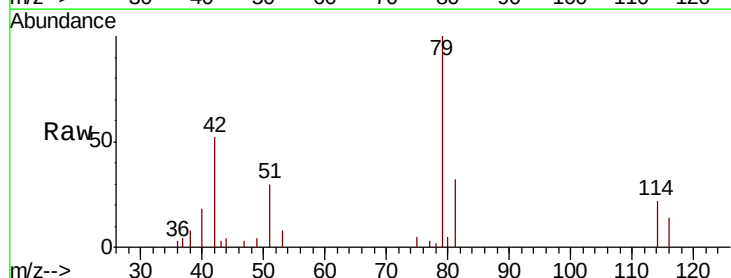
Acq: 26 Oct 2020 14:51

Tgt Ion: 75 Resp: 329

Ion Ratio Lower Upper

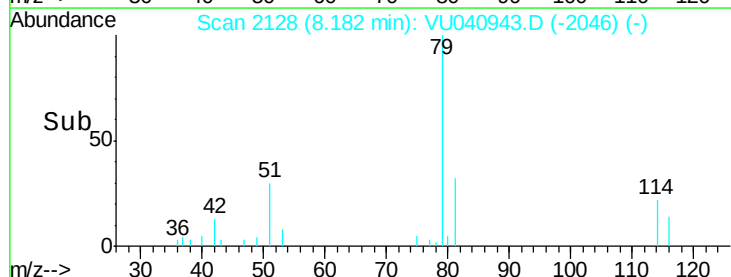
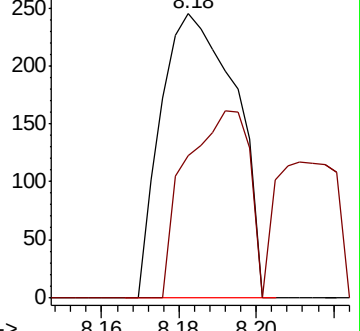
75 100

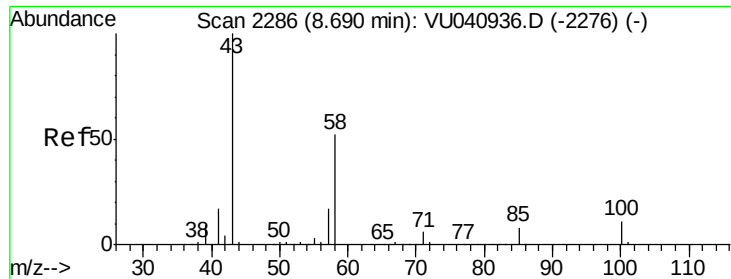
77 50.2 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

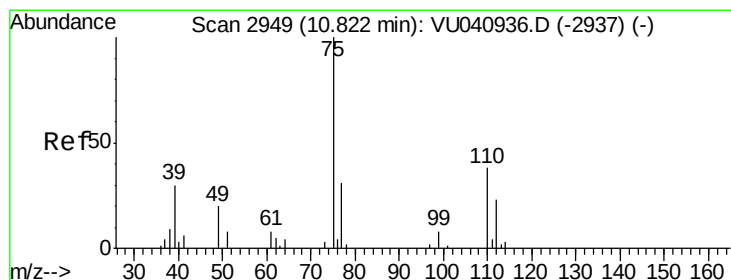
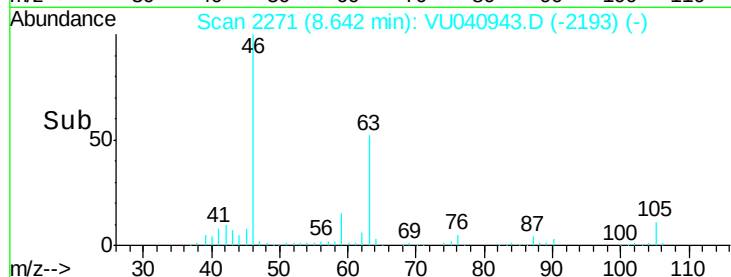
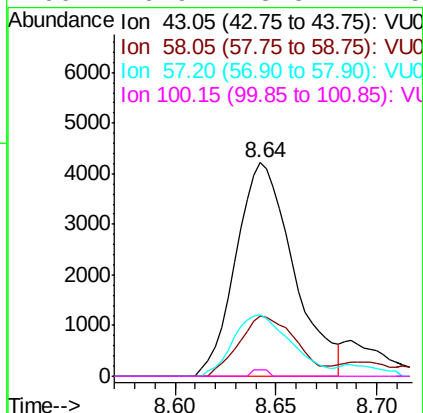
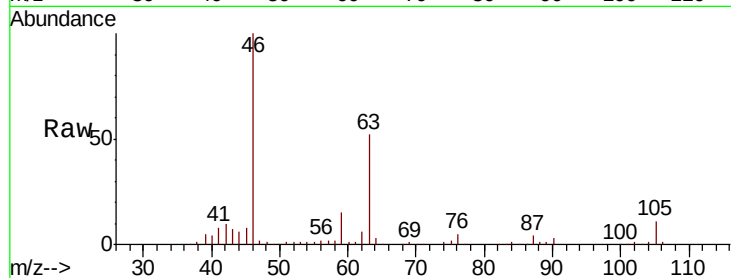




#48
2-Hexanone
Concen: 3.028 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040943.D
Acq: 26 Oct 2020 14:51

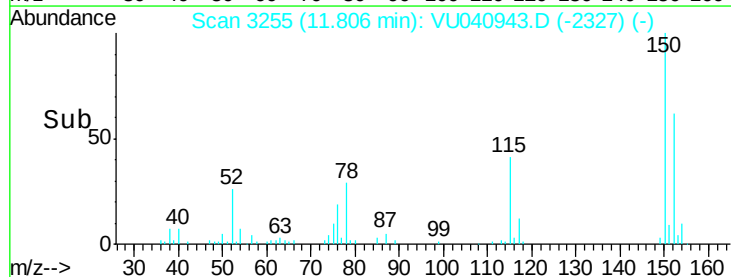
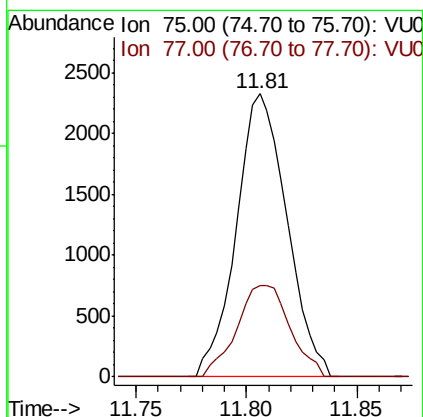
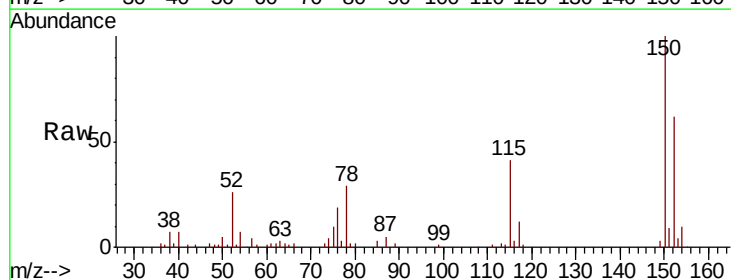
Instrument :
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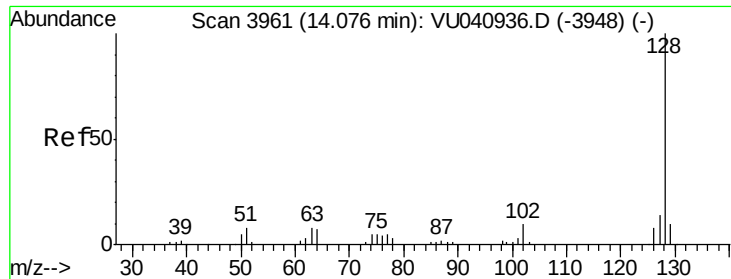
Tot Ion: 43 Resp: 8407
Ion Ratio Lower Upper
43 100
58 27.7 41.4 62.2#
57 29.2 14.6 21.8#
100 0.9 8.3 12.5#



#59
1,2,3-Trichloropropane
Concen: 1.073 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040943.D
Acq: 26 Oct 2020 14:51

Tgt Ion: 75 Resp: 3697
Ion Ratio Lower Upper
75 100
77 34.1 25.7 38.5





#69

Naphthalene

Concen: 0.089 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040943.D

Acq: 26 Oct 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

C0AN8

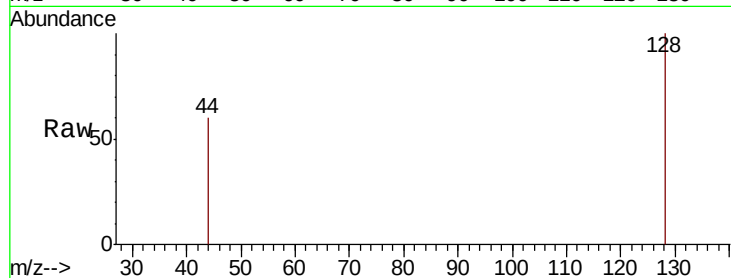
Tot Ion:128 Resp: 625

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

14.08

400

300

200

100

0

14.05

14.10

Time-->

