

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103020\
 Data File : VU041027.D
 Acq On : 29 Oct 2020 20:36
 Operator : SY/MD
 Sample : L4558-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ2

Manual Integrations
 APPROVED

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 11/2/2020 4:59:46 PM

Quant Time: Oct 30 08:17:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 30 08:06:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	49828	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52146	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	15282	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.92	69	12817	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.58	63	24041	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.66	46	80053	58.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.14%
24) Chloroform-d	5.08	84	33747	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	22800	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.74	84	58617	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.70	67	21702	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.91	98	45895	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	8.19	79	8075	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.64	63	54527	51.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20575	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	18859	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds					Ovalue
9) Trichlorofluoromethane	2.15	101	33781	5.311 ug/L	96
25) Chloroform	5.11	83	2398	0.334 ug/L	85
29) 1,1,1-Trichloroethane	5.33	97	779m	0.122 ug/L	
31) Carbon tetrachloride	5.54	117	687	0.122 ug/L	88
34) Trichloroethene	6.55	95	4108	1.036 ug/L	95
47) Tetrachloroethene	8.56	164	28459	9.761 ug/L	99

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

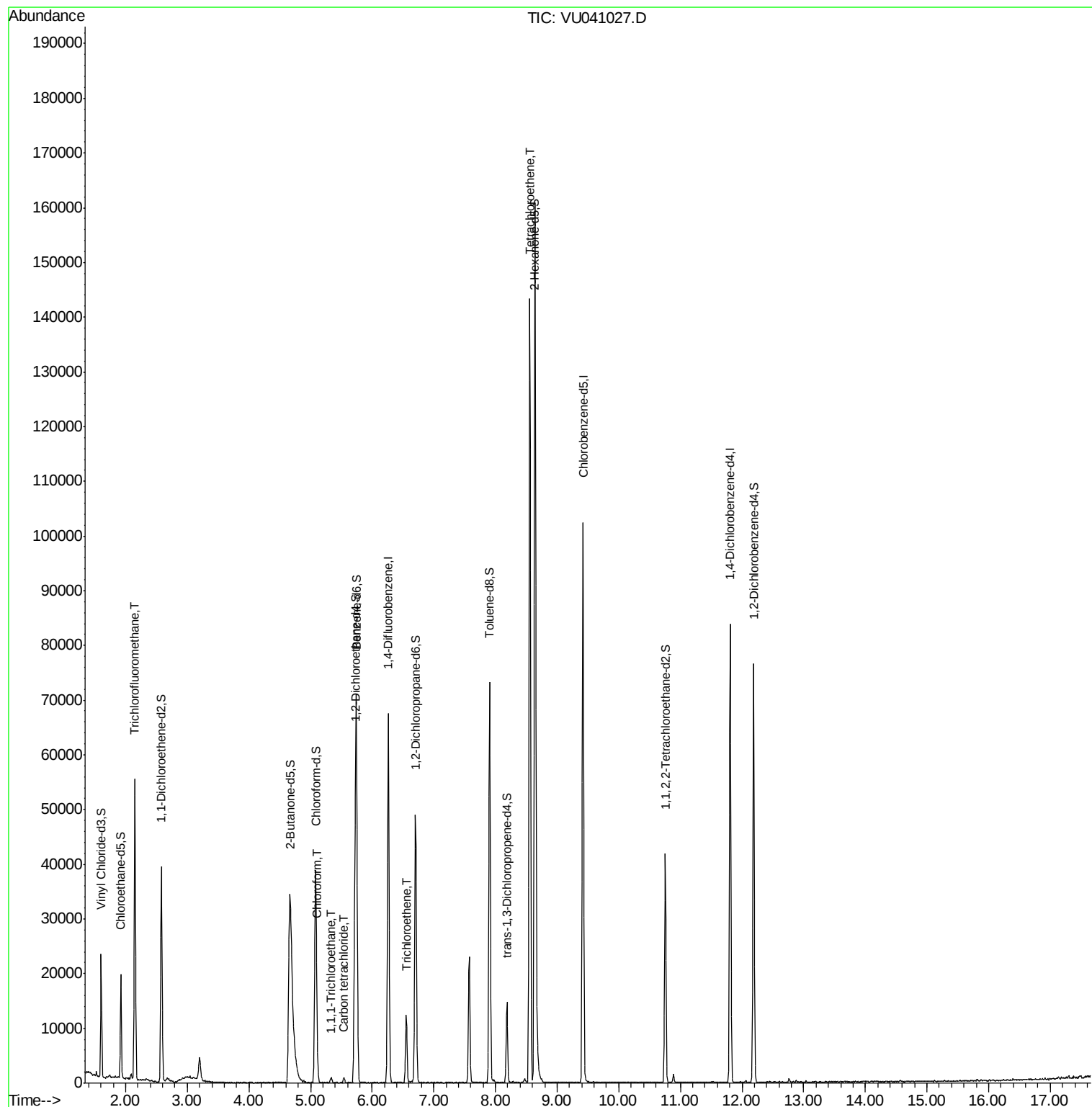
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103020\
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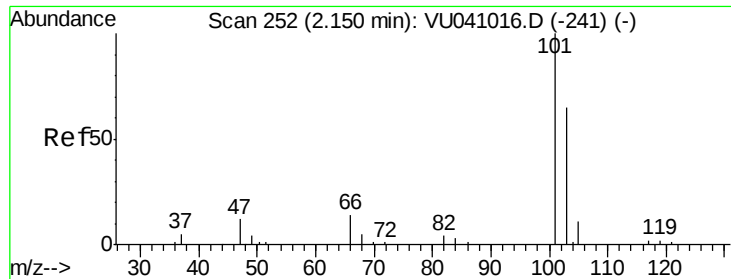
Instrument :
MSVOA_U
ClientSampleId :
C0BQ2

Manual Integrations
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Quant Time: Oct 30 08:17:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#9

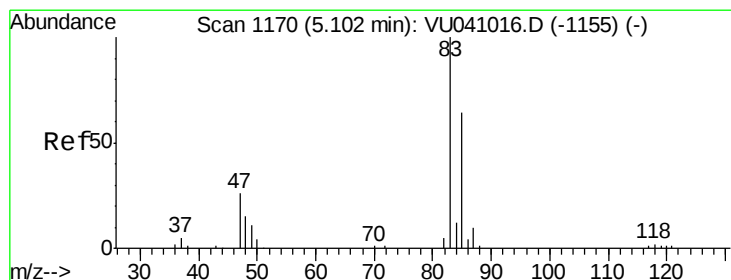
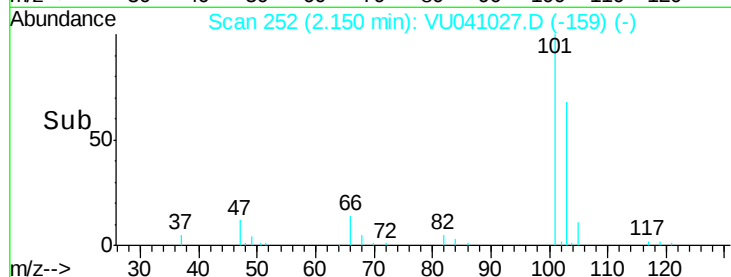
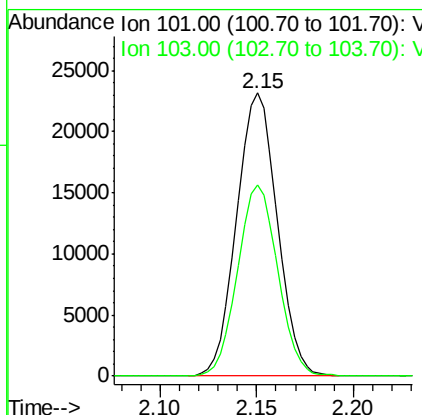
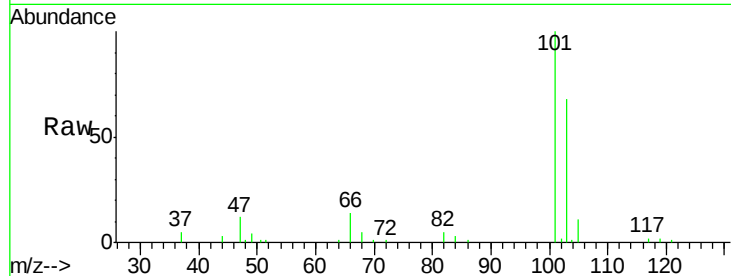
Trichlorofluoromethane
 Concen: 5.311 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU041027.D
 Acq: 29 Oct 2020 20:36

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ2

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	51.0	76.4

Manual Integrations
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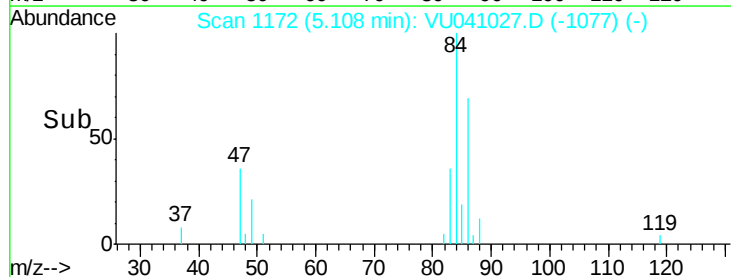
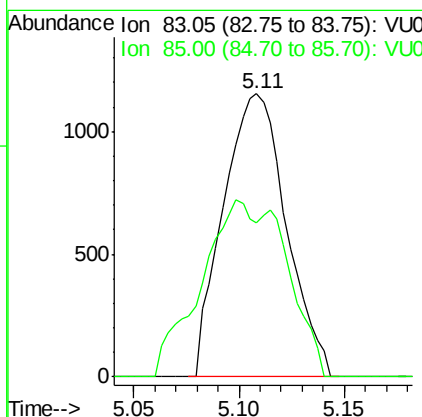
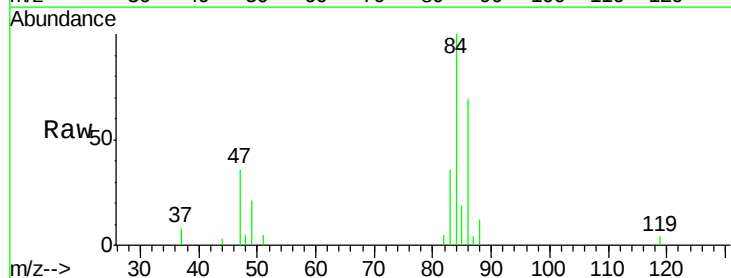
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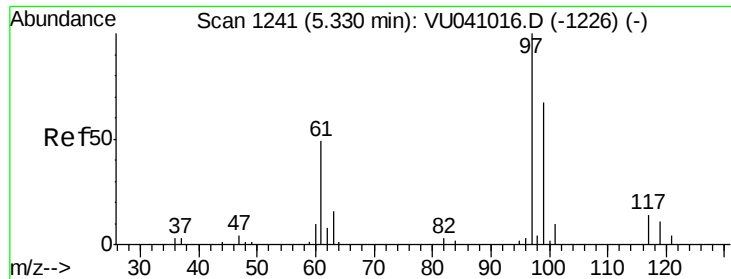


#25

Chloroform
 Concen: 0.334 ug/L
 RT: 5.11 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: VU041027.D
 Acq: 29 Oct 2020 20:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	54.3	46.1	85.7





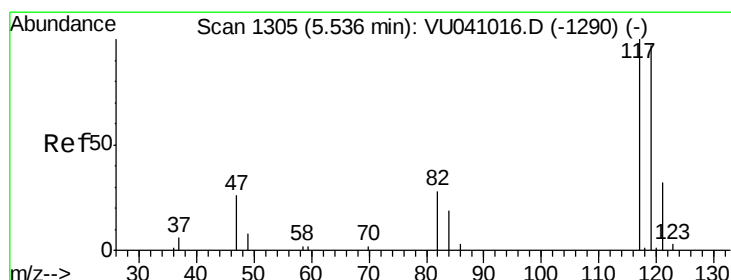
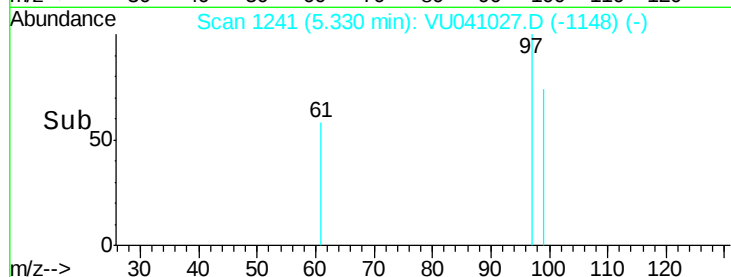
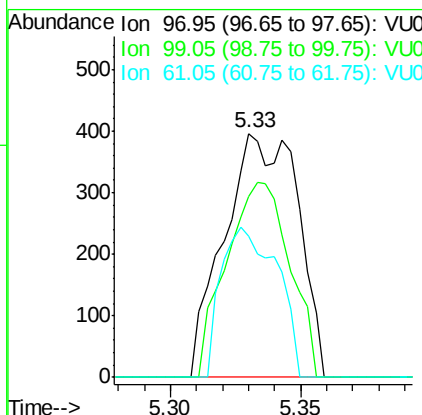
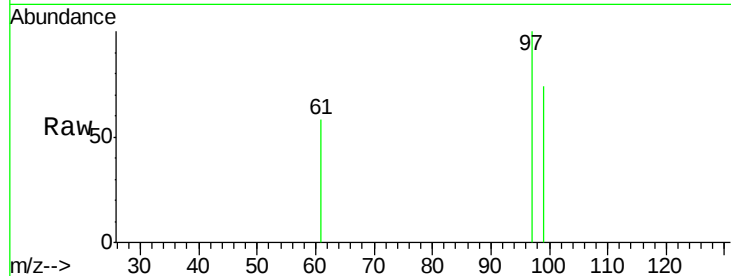
#29
1,1,1-Trichloroethane
Concen: 0.122 ug/L m
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Instrument :
MSVOA_U
ClientSampled :
C0BQ2

Tot Ion: 97 Resp: 779
Ion Ratio Lower Upper
97 100
99 68.7 53.4 80.0
61 47.0 41.6 62.4

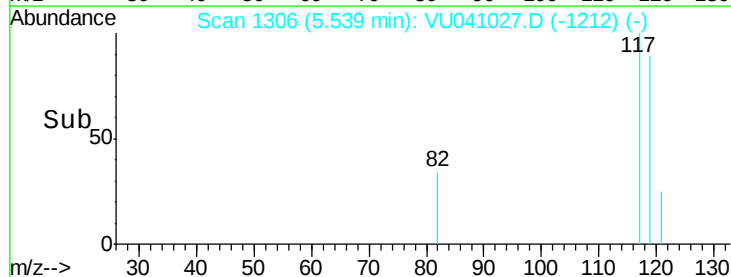
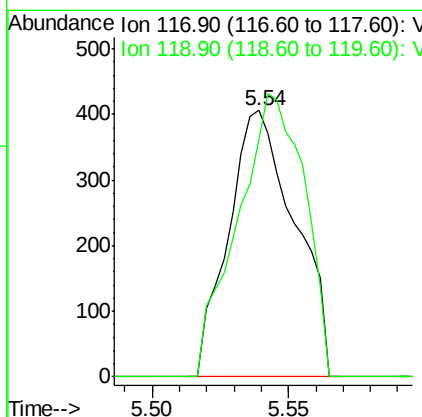
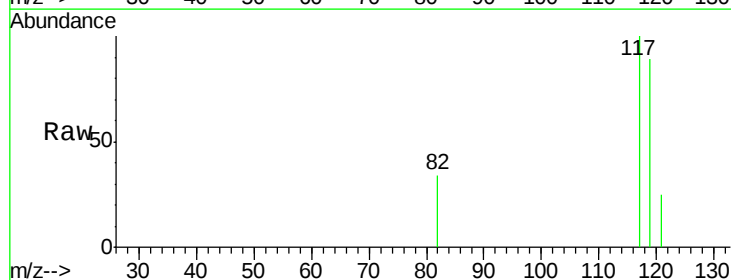
Manual Integrations
APPROVED

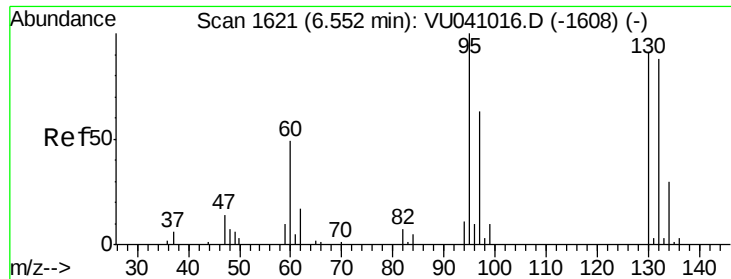
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#31
Carbon tetrachloride
Concen: 0.122 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041027.D
Acq: 29 Oct 2020 20:36

Tgt Ion: 117 Resp: 687
Ion Ratio Lower Upper
117 100
119 107.1 76.1 114.1





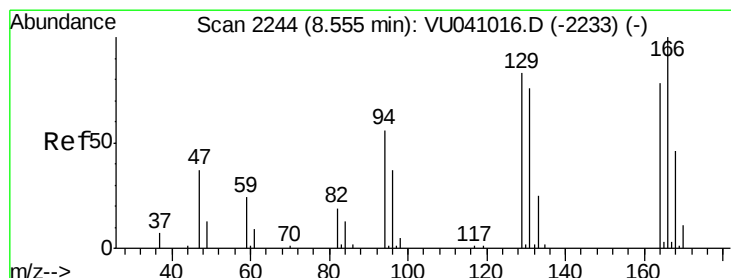
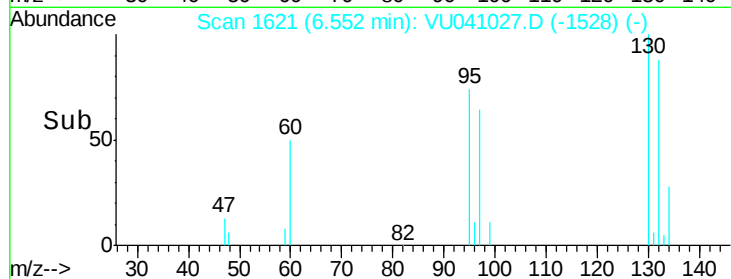
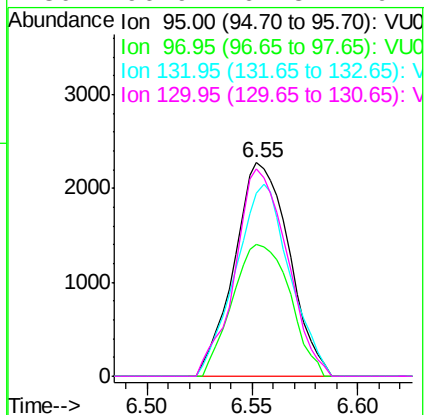
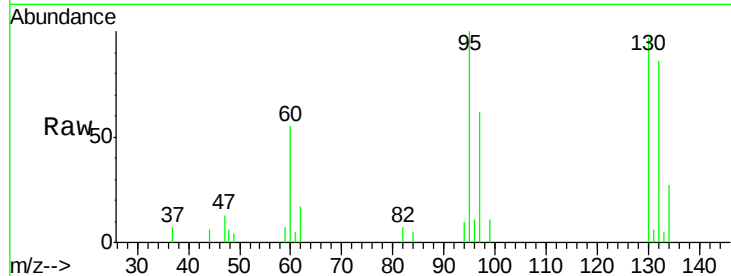
#34
 Trichloroethene
 Concen: 1.036 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041027.D
 Acq: 29 Oct 2020 20:36

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ2

Tot Ion:	95	Resp:	4108
Ion	Ratio	Lower	Upper
95	100		
97	61.8	45.6	84.6
132	85.8	64.8	120.4
130	96.9	64.8	120.4

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#47
 Tetrachloroethene
 Concen: 9.761 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041027.D
 Acq: 29 Oct 2020 20:36

Tgt Ion:	164	Resp:	28459
Ion	Ratio	Lower	Upper
164	100		
129	102.8	70.3	130.7
131	100.0	70.8	131.4
166	132.1	92.0	170.8

