

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015925.D
 Acq On : 06 May 2020 21:58
 Operator : SY/MD
 Sample : L2526-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 07 08:39:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	151035	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	146759	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	68837	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40757	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	38209	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.12	63	63829	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.93	46	115834	48.10	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.20%
24) Chloroform-d	4.38	84	83703	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.06	65	51587	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.08	84	173286	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.10	67	53745	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.34	98	157186	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.64	79	17716	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.11	63	84307	43.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36152	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	57708	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

					Ovalue
8) Chloroethane	1.59	64	1000	0.142 ug/L #	67
13) Acetone	2.21	43	9373	6.321 ug/L	99
17) Methyl tert-butyl Ether	2.79	73	1610	0.072 ug/L #	1
21) 2-Butanone	4.11	43	94603	38.185 ug/L #	55
25) Chloroform	4.41	83	9718	0.492 ug/L	94
27) 1,2-Dichloroethane	5.07	62	1340	0.109 ug/L #	76
30) Cyclohexane	4.70	56	4102	0.239 ug/L	96
34) Trichloroethene	5.95	95	6406	0.612 ug/L	94
35) Methylcyclohexane	6.10	83	13772	0.804 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6564	0.682 ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	1642	0.121 ug/L #	59
44) trans-1,3-Dichloropropene	7.65	75	1009	0.088 ug/L	85
47) Tetrachloroethene	8.00	164	25094	3.215 ug/L	96
48) 2-Hexanone	8.17	43	5633	1.315 ug/L #	85
49) Dibromochloromethane	8.00	129	24463	3.497 ug/L #	9

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QLast Update : Thu May 07 02:01:25 2020
Response via : Initial Calibration

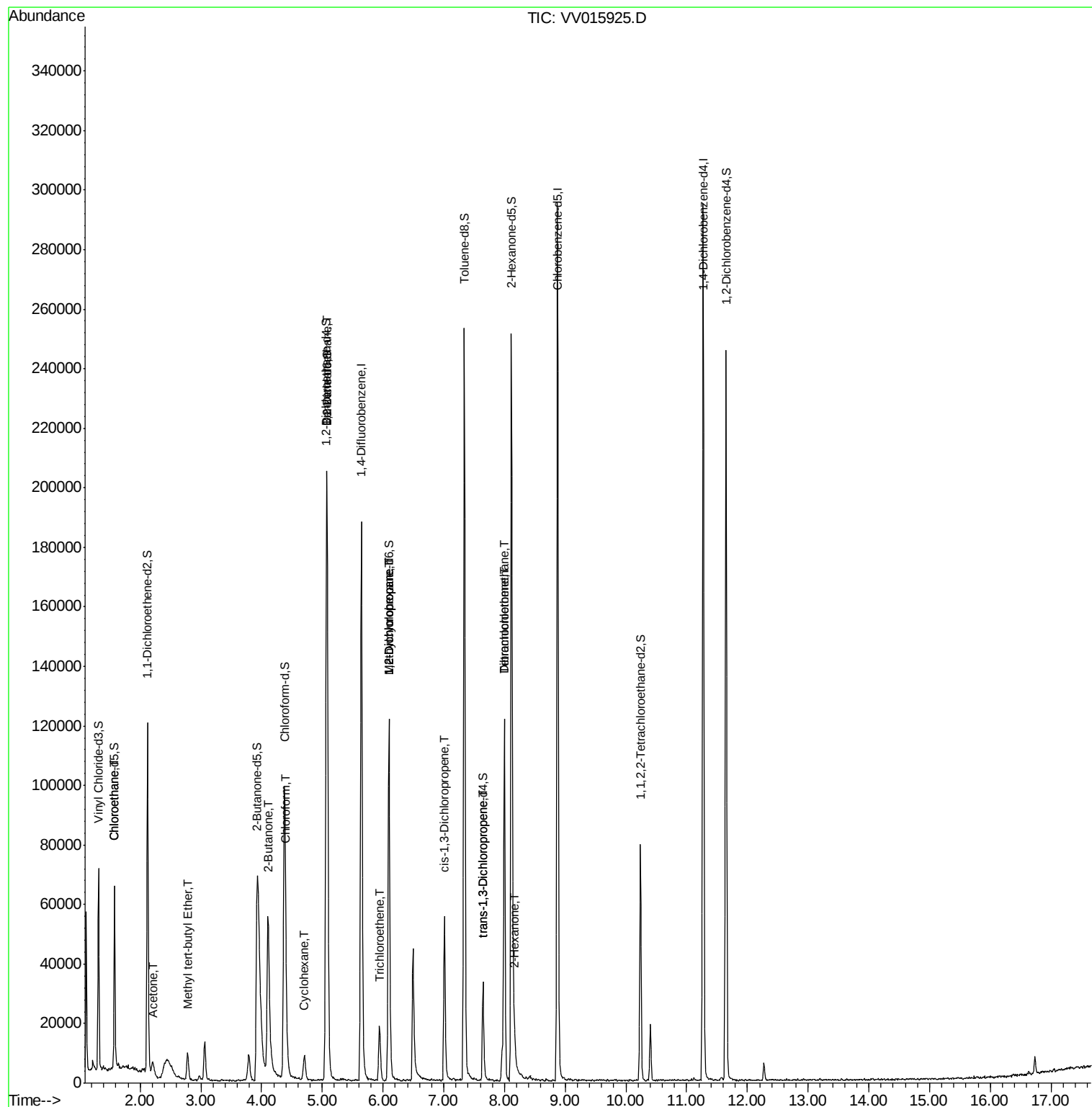
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

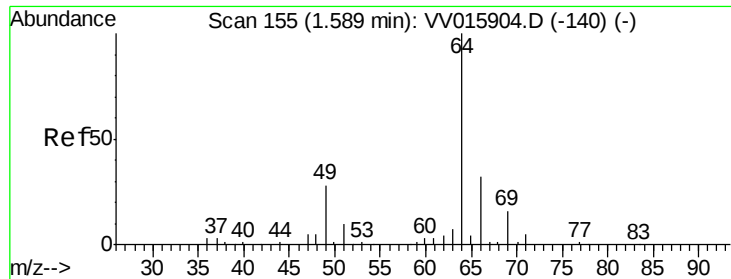
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#8

Chloroethane

Concen: 0.142 ug/L

RT: 1.59 min Scan# 154

Delta R.T. -0.00 min

Lab File: VV015925.D

Acq: 06 May 2020 21:58

Instrument :

MSVOA_V

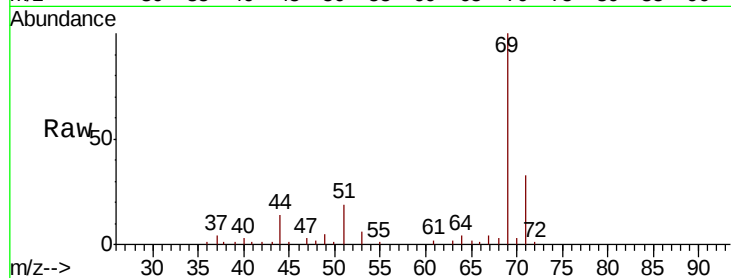
ClientSampled :

Tot Ion: 64 Resp: 1000

Ion Ratio Lower Upper

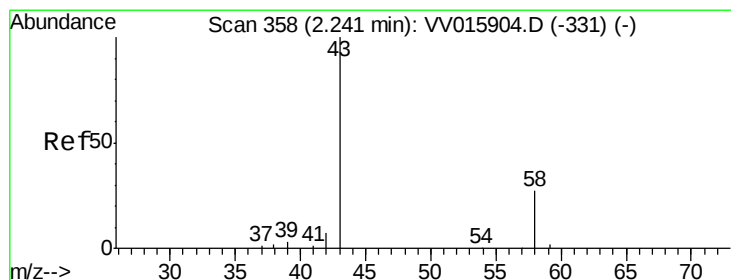
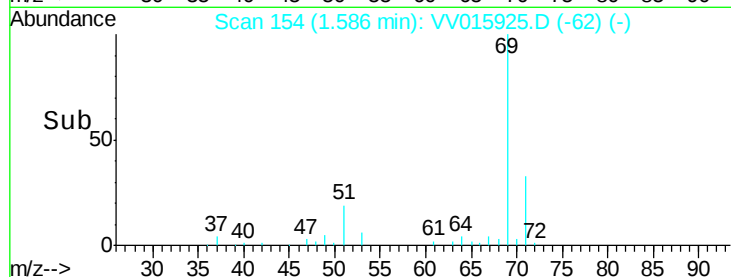
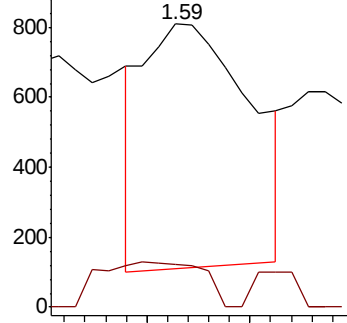
64 100

66 15.1 23.6 43.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 6.321 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.03 min

Lab File: VV015925.D

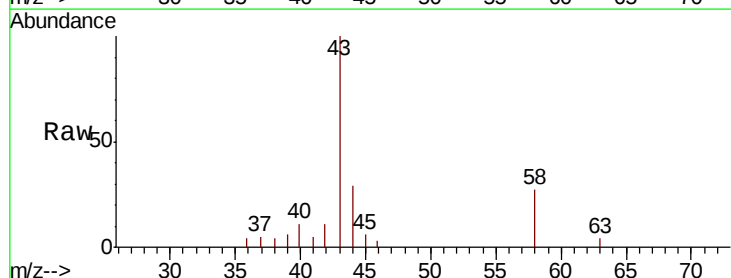
Acq: 06 May 2020 21:58

Tgt Ion: 43 Resp: 9373

Ion Ratio Lower Upper

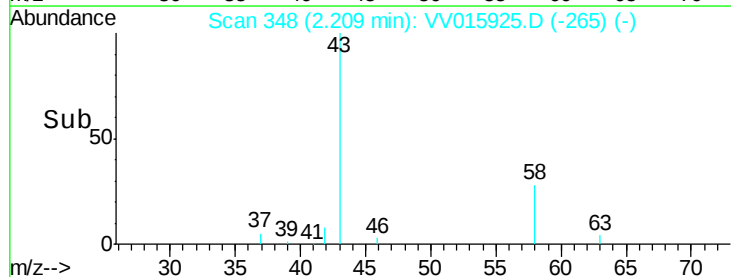
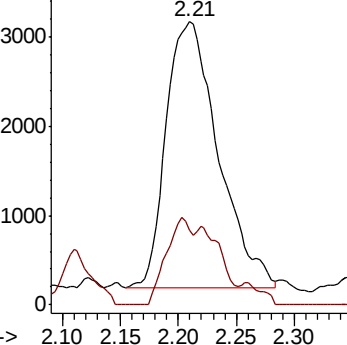
43 100

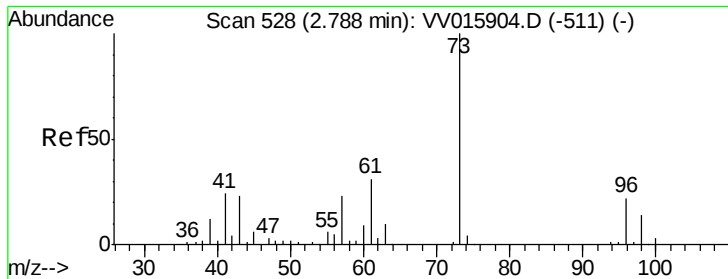
58 15.9 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

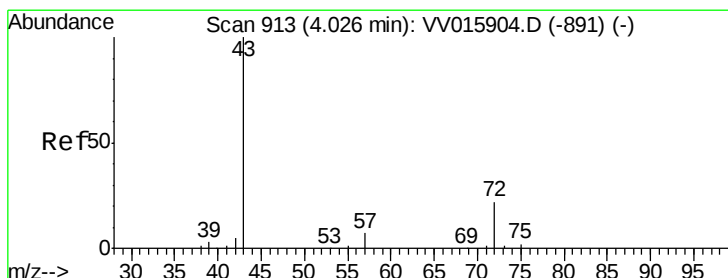
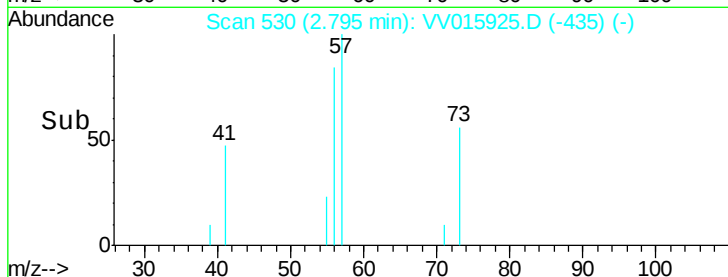
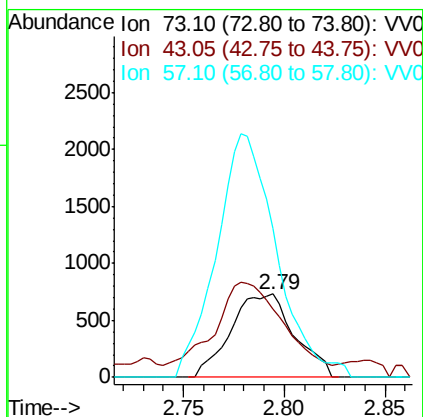
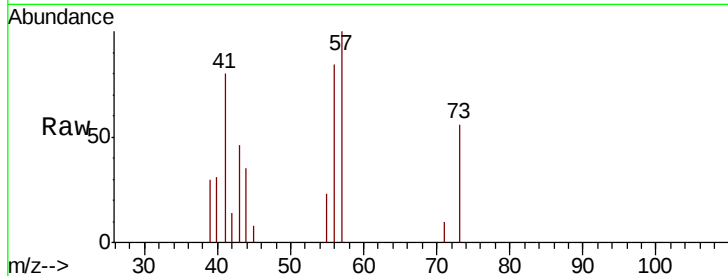




#17
Methvl tert-butvl Ether
Concen: 0.072 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV015925.D
Acq: 06 May 2020 21:58

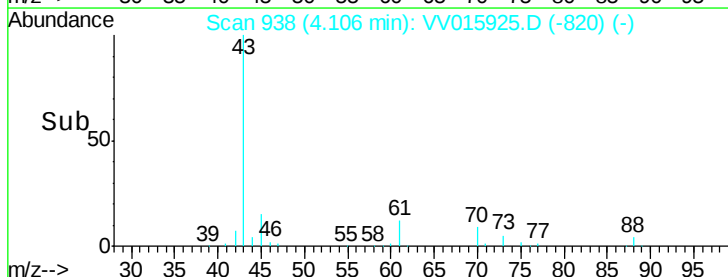
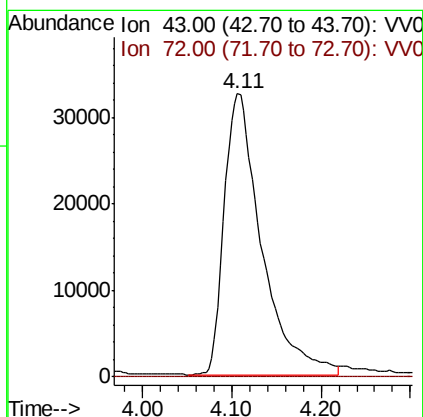
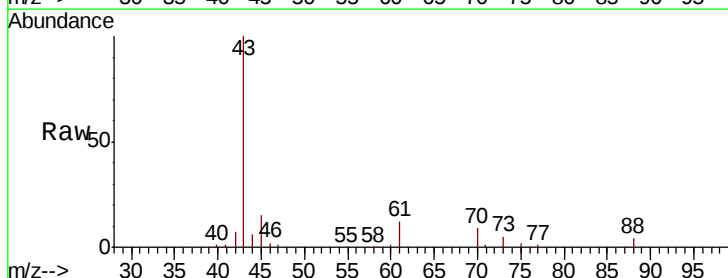
Instrument :
MSVOA_V
ClientSampled :

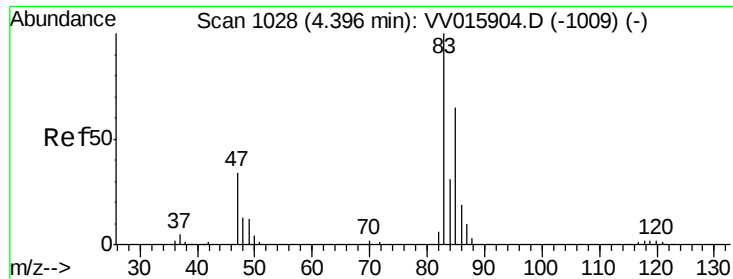
Tot Ion: 73 Resp: 1610
Ion Ratio Lower Upper
73 100
43 109.9 18.8 28.2#
57 274.8 17.8 26.6#



#21
2-Butanone
Concen: 38.185 ug/L
RT: 4.11 min Scan# 938
Delta R.T. 0.08 min
Lab File: VV015925.D
Acq: 06 May 2020 21:58

Tgt Ion: 43 Resp: 94603
Ion Ratio Lower Upper
43 100
72 0.1 10.5 31.5#

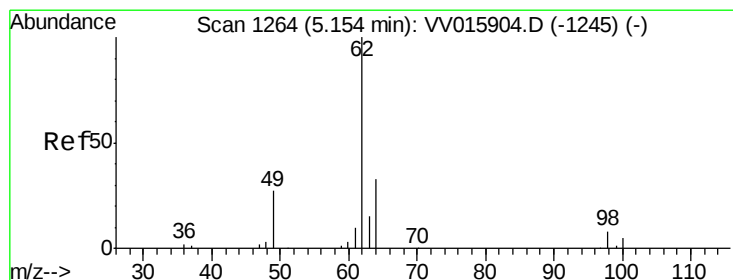
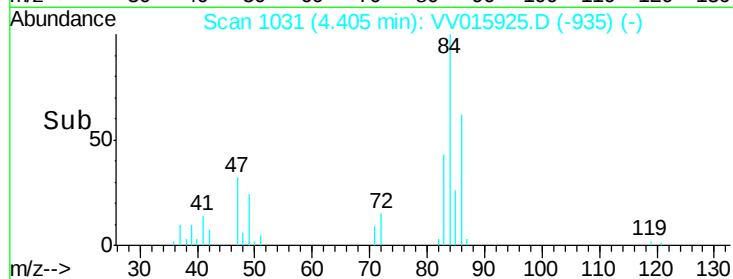
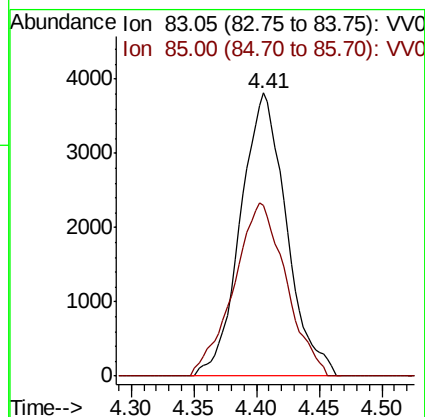
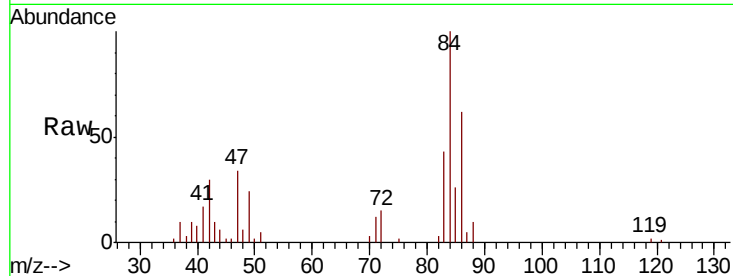




#25
Chloroform
Concen: 0.492 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015925.D
Acq: 06 May 2020 21:58

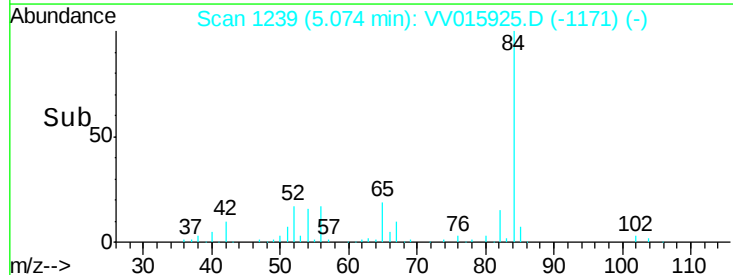
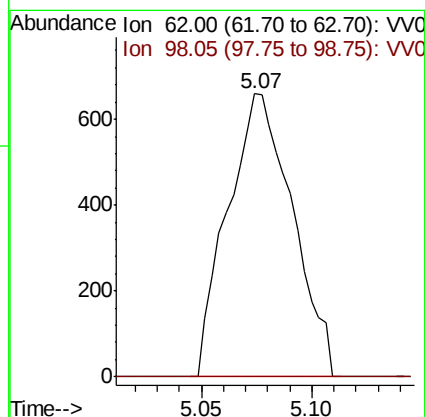
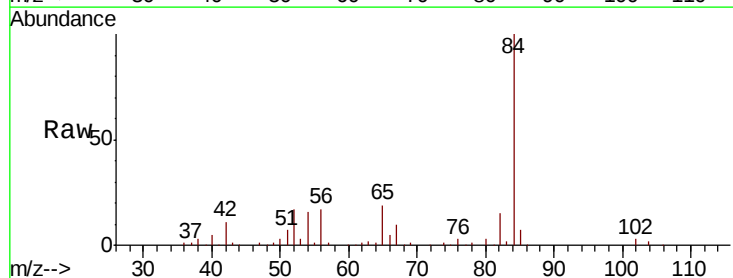
Instrument :
MSVOA_V
ClientSampleId :

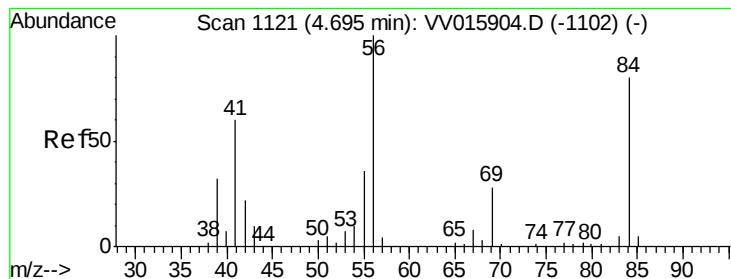
Tot Ion: 83 Resp: 9718
Ion Ratio Lower Upper
83 100
85 60.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV015925.D
Acq: 06 May 2020 21:58

Tgt Ion: 62 Resp: 1340
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#





#30

Cvclohexane

Concen: 0.239 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VV015925.D

Acq: 06 May 2020 21:58

Instrument :
MSVOA_V
ClientSampleId :

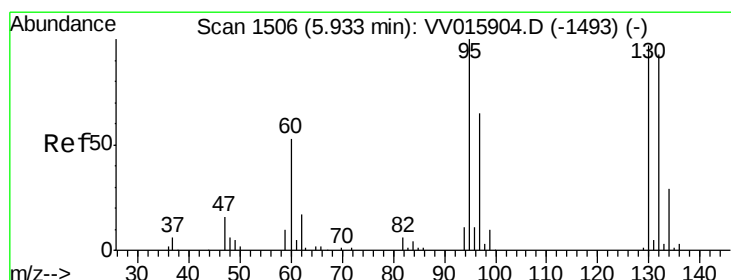
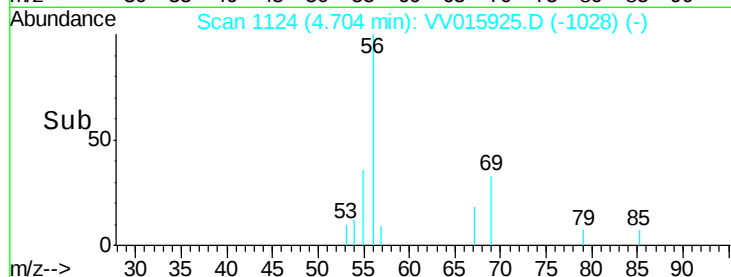
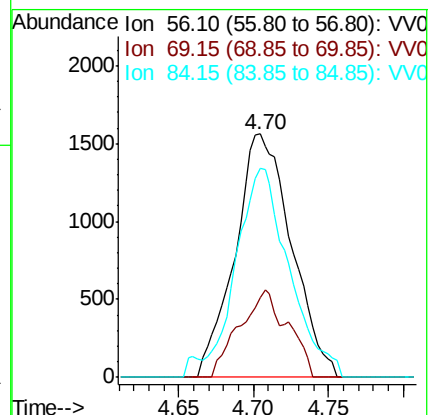
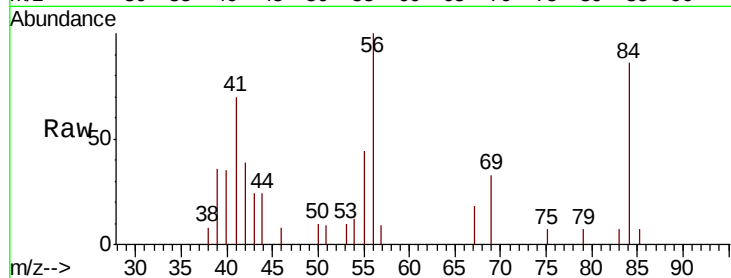
Tot Ion: 56 Resp: 4102

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 80.1 68.3 102.5



#34

Trichloroethene

Concen: 0.612 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV015925.D

Acq: 06 May 2020 21:58

Tgt Ion: 95 Resp: 6406

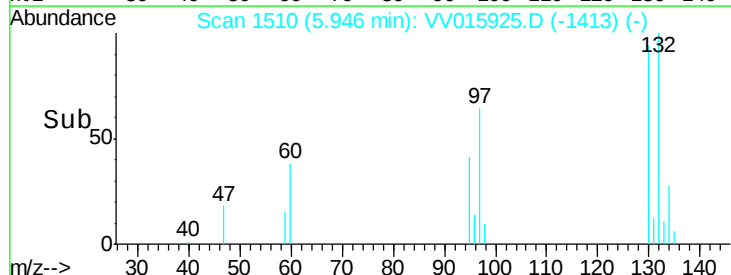
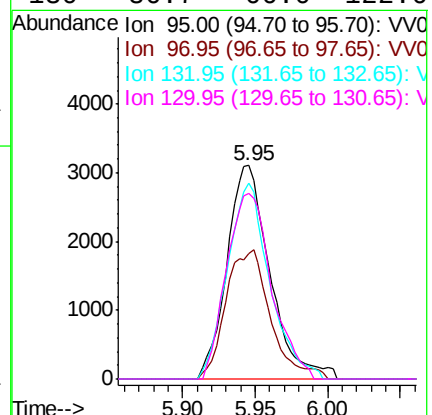
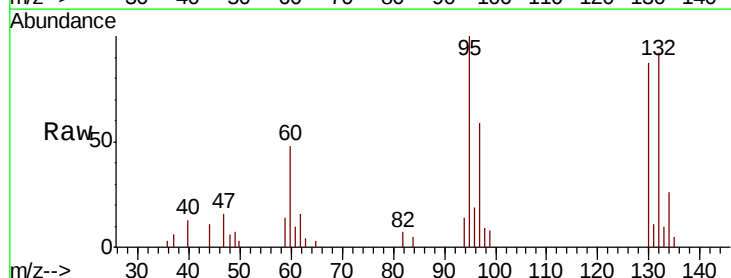
Ion Ratio Lower Upper

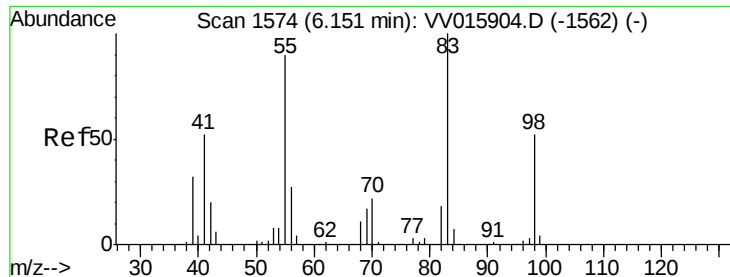
95 100

97 58.6 43.3 80.5

132 91.9 60.3 112.1

130 86.7 66.0 122.6

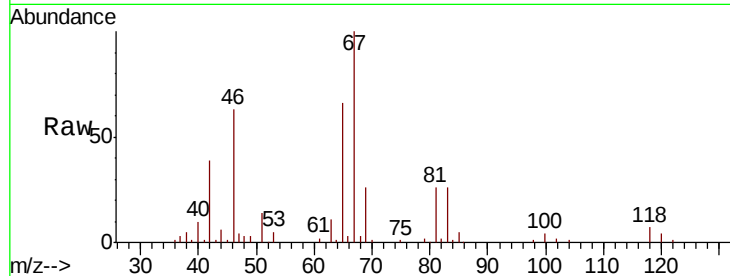




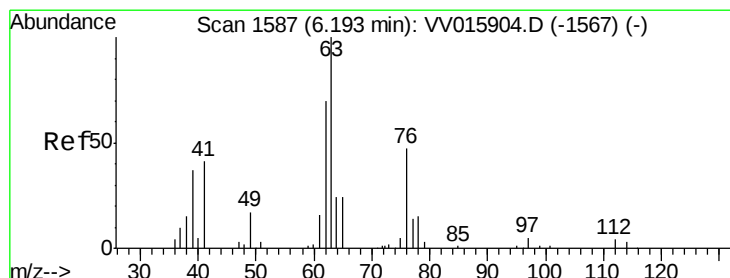
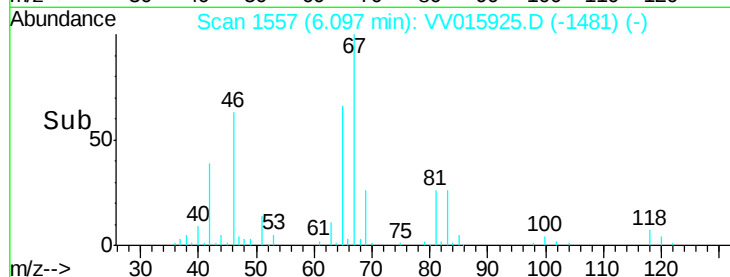
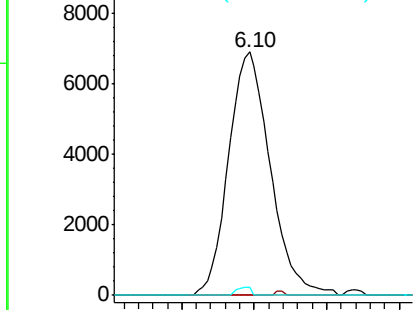
#35
Methvlcvclohexane
Concen: 0.804 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015925.D
Acq: 06 May 2020 21:58

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 13772
Ion Ratio Lower Upper
83 100
55 0.3 66.2 99.2#
98 1.2 37.9 56.9#

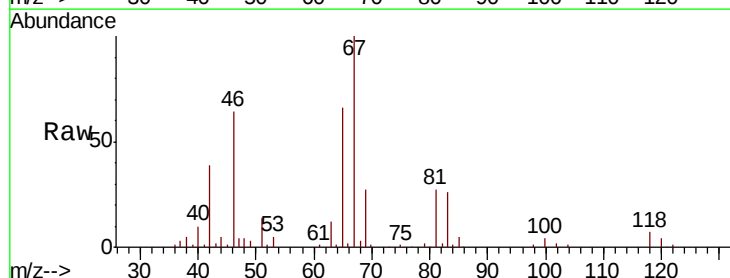


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

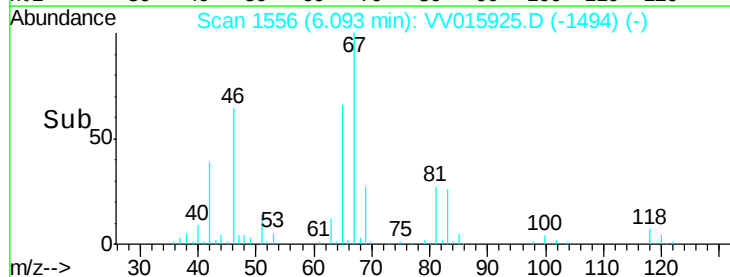
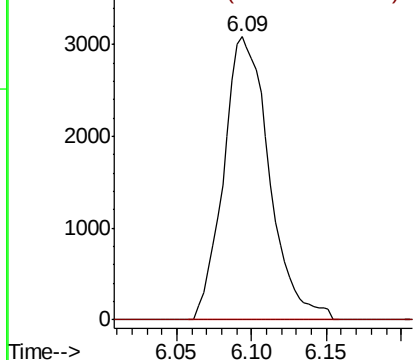


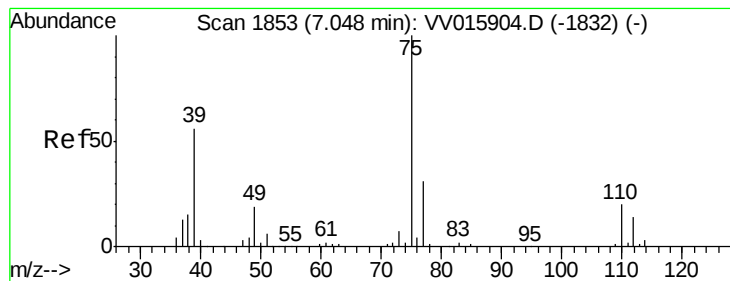
#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015925.D
Acq: 06 May 2020 21:58

Tgt Ion: 63 Resp: 6564
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



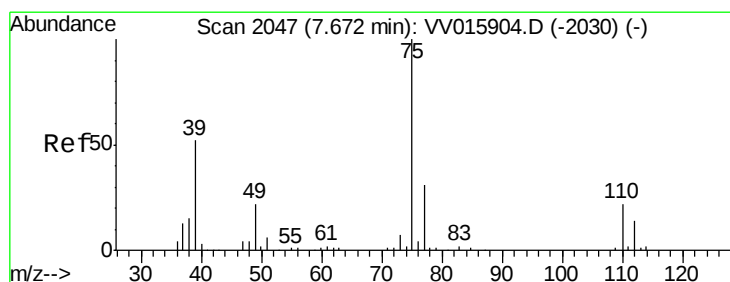
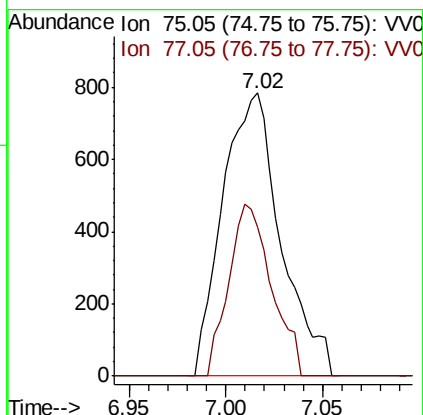
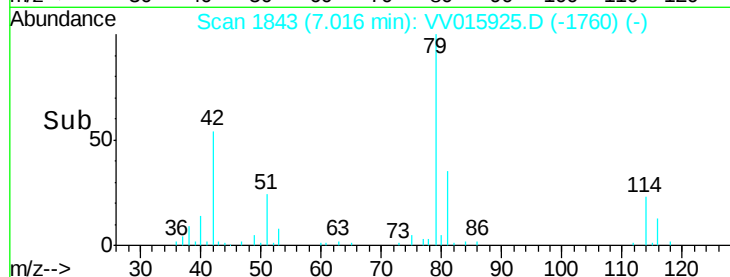
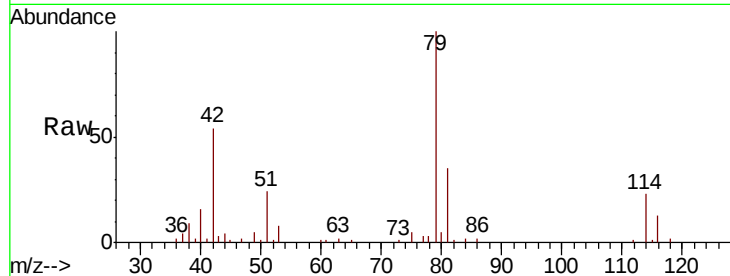


#39

cis-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 7.02 min Scan# 1843
Delta R.T. -0.03 min
Lab File: VV015925.D
Acq: 06 May 2020 21:58

Instrument :
MSVOA_V
ClientSampleId :

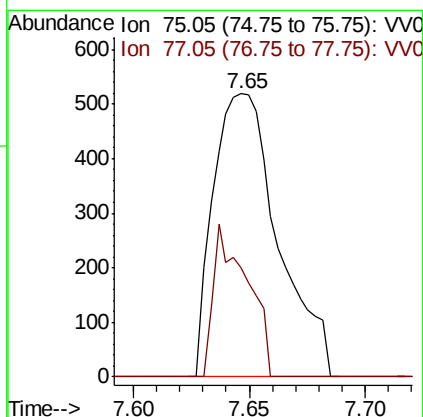
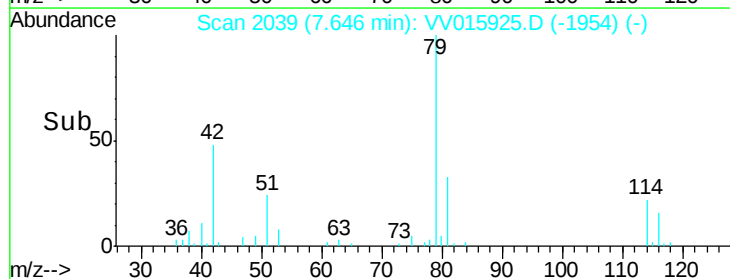
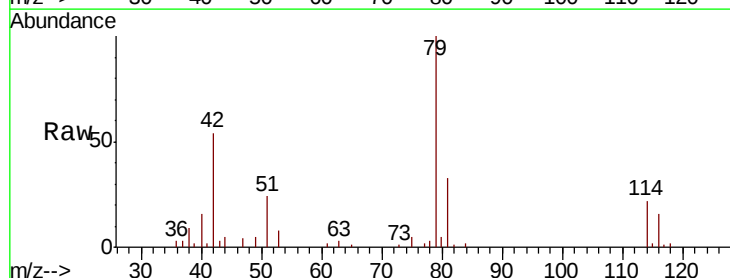
Tot Ion: 75 Resp: 1642
Ion Ratio Lower Upper
75 100
77 52.7 21.3 39.5#

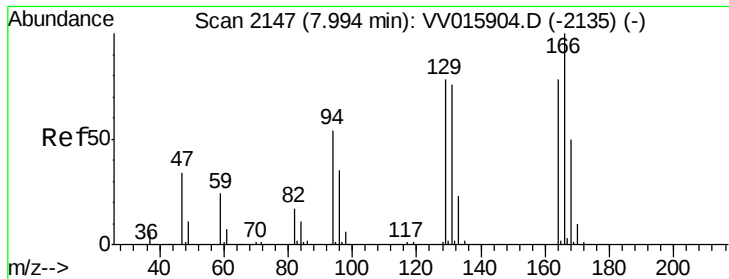


#44

trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015925.D
Acq: 06 May 2020 21:58

Tgt Ion: 75 Resp: 1009
Ion Ratio Lower Upper
75 100
77 38.5 21.3 39.6

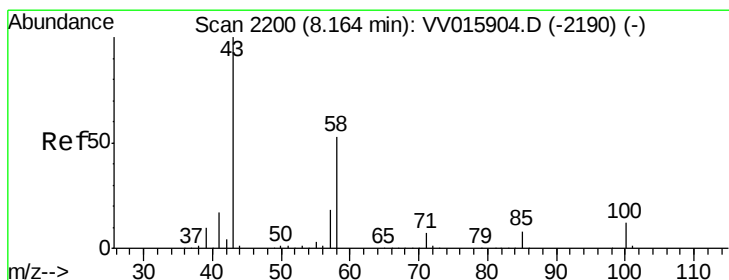
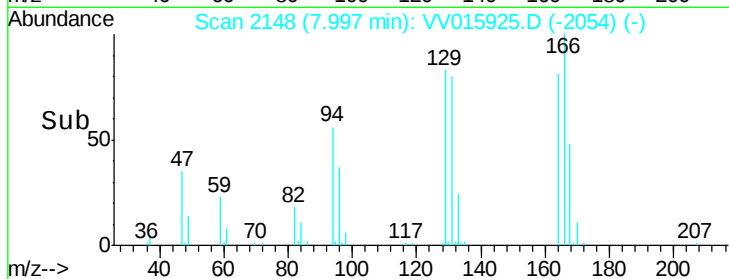
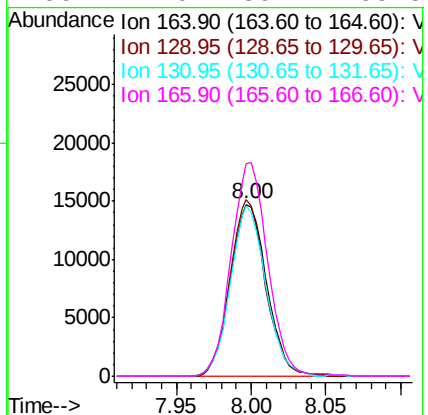
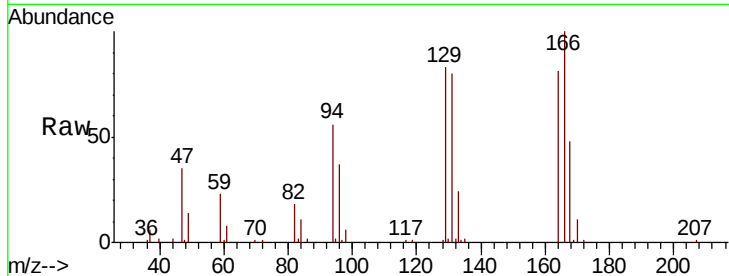




#47
Tetrachloroethene
Concen: 3.215 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015925.D
Acq: 06 May 2020 21:58

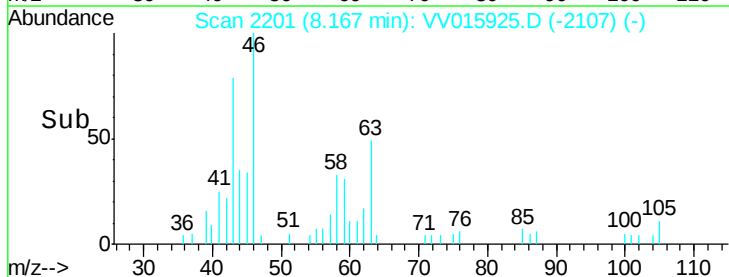
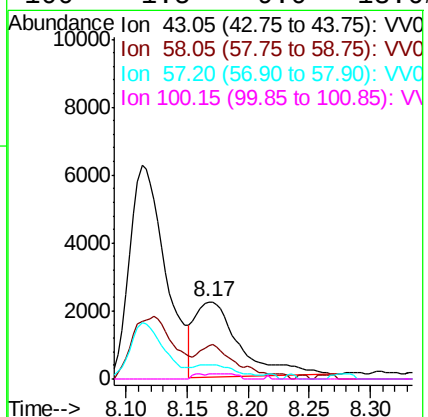
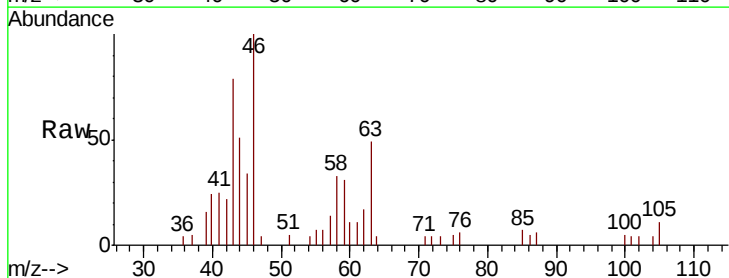
Instrument :
MSVOA_V
ClientSampleId :

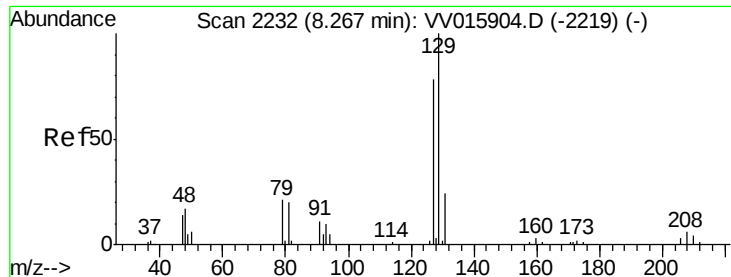
Tot Ion:164 Resp: 25094
Ion Ratio Lower Upper
164 100
129 103.1 69.7 129.4
131 99.6 66.8 124.2
166 124.0 89.1 165.5



#48
2-Hexanone
Concen: 1.315 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015925.D
Acq: 06 May 2020 21:58

Tgt Ion: 43 Resp: 5633
Ion Ratio Lower Upper
43 100
58 39.4 40.8 61.2#
57 17.7 14.7 22.1
100 1.5 9.0 13.6#

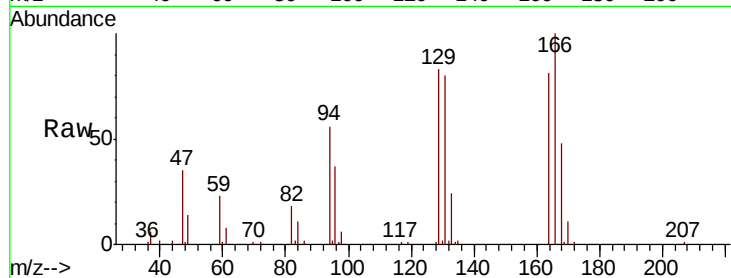




#49
 Dibromochloromethane
 Concen: 3.497 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.27 min
 Lab File: VV015925.D
 Acq: 06 May 2020 21:58

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 24463
 Ion Ratio Lower Upper
 129 100
 127 0.0 56.0 104.0#



Abundance Ion 128.95 (128.65 to 129.65): V
 Ion 126.90 (126.60 to 127.60): V

