

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015785.D
 Acq On : 29 Apr 2020 12:20
 Operator : SY/MD
 Sample : L2419-04DL 400X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 01:37:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	125476	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122714	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57152	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39056	5.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.20%
7) Chloroethane-d5	1.57	69	33789	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.12	63	55300	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.95	46	90558	43.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.02%
24) Chloroform-d	4.38	84	62985	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.06	65	41224	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.07	84	137882	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.09	67	43428	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.34	98	122184	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.65	79	14216	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.12	63	63813	36.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28073	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	45098	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

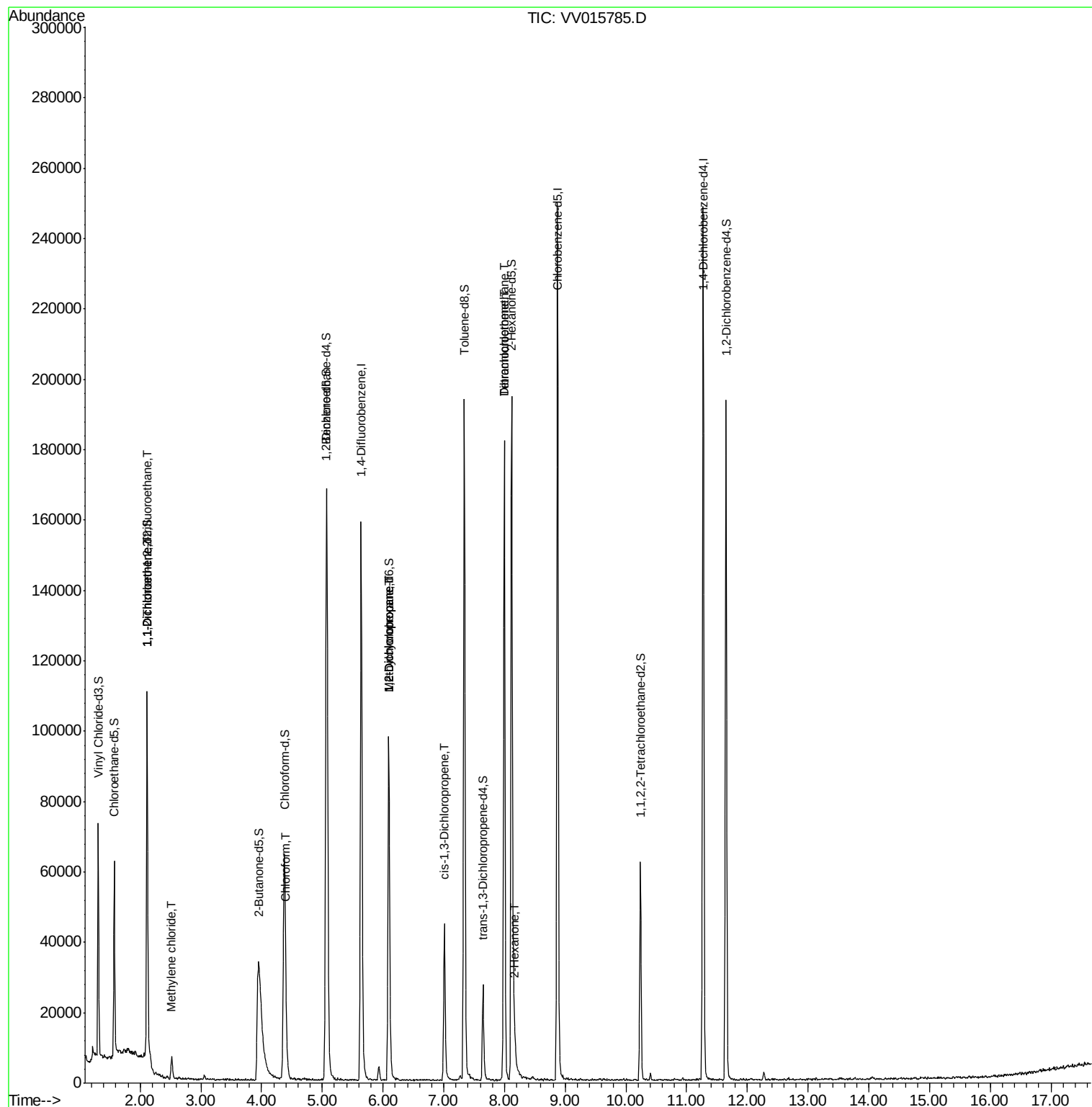
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	621	0.079 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	591	0.081 ug/L #	1
16) Methylene chloride	2.52	84	2446	0.271 ug/L	86
25) Chloroform	4.41	83	9821	0.576 ug/L	99
35) Methylcyclohexane	6.09	83	10763	0.724 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5575	0.626 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1337	0.108 ug/L #	60
47) Tetrachloroethene	8.00	164	36894	5.292 ug/L	97
48) 2-Hexanone	8.17	43	5512	1.336 ug/L #	86
49) Dibromochloromethane	8.00	129	35550	5.655 ug/L #	12

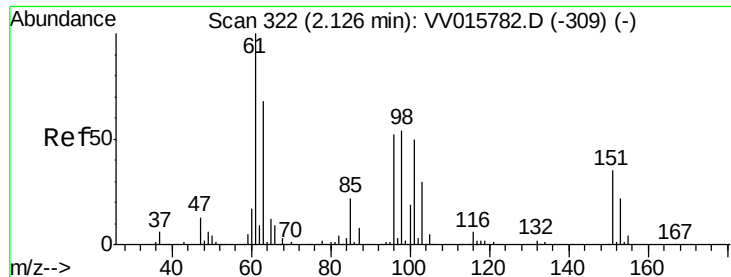
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration





#10

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

Concen: 0.079 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015785.D

Acq: 29 Apr 2020 12:20

Instrument :

MSVOA_V

ClientSampled :

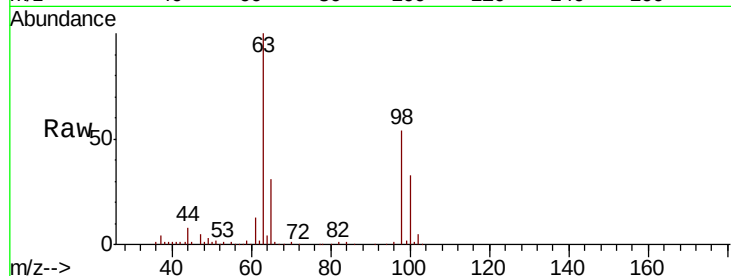
Tot Ion:101 Resp: 621

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

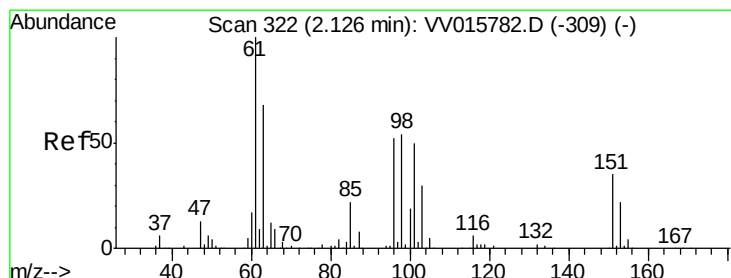
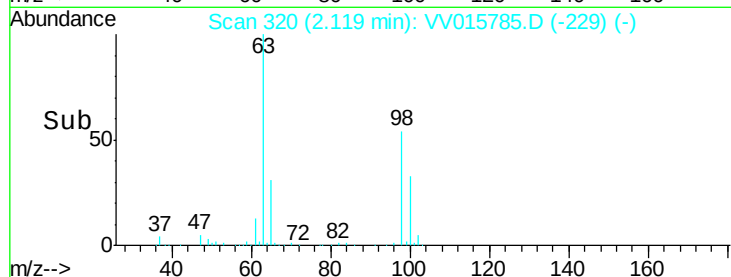
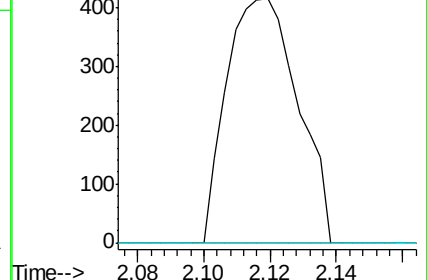
151 0.0 55.2 82.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015785.D

Acq: 29 Apr 2020 12:20

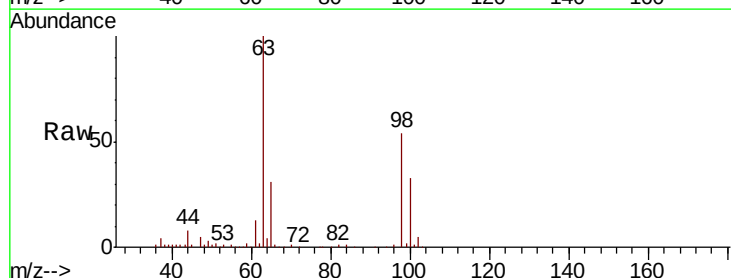
Tgt Ion: 96 Resp: 591

Ion Ratio Lower Upper

96 100

61 1309.5 130.1 241.7#

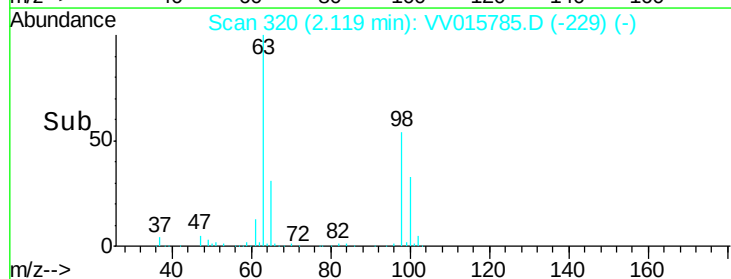
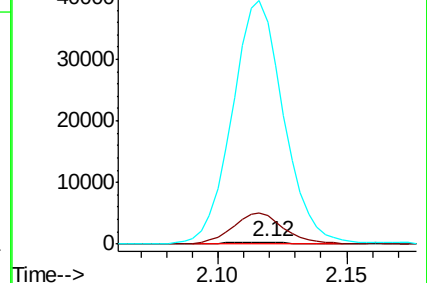
63 10317.5 91.4 169.8#

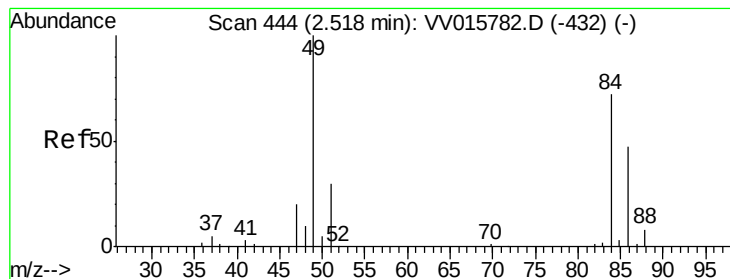


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#16

Methylene chloride

Concen: 0.271 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.01 min

Lab File: VV015785.D

Acq: 29 Apr 2020 12:20

Instrument :

MSVOA_V

ClientSampleId :

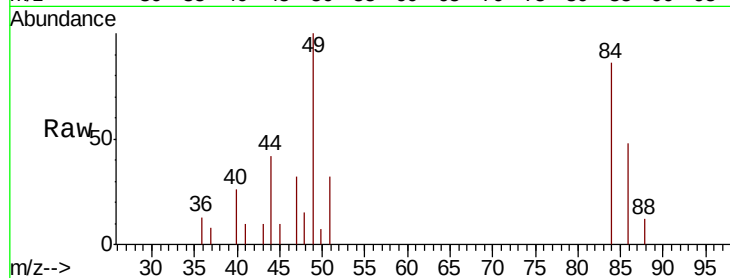
Tot Ion: 84 Resp: 2446

Ion Ratio Lower Upper

84 100

86 56.1 45.1 83.7

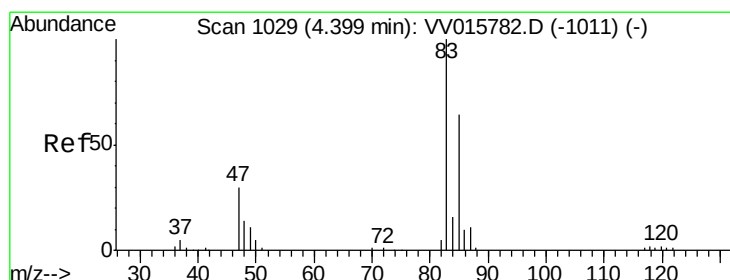
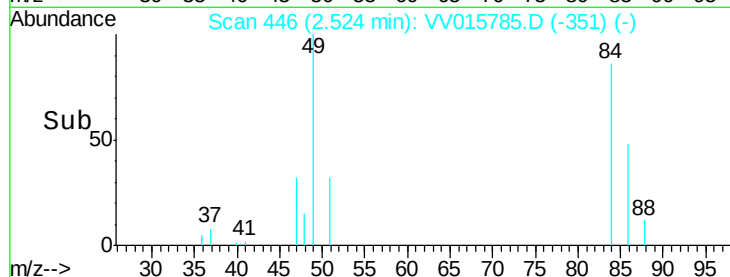
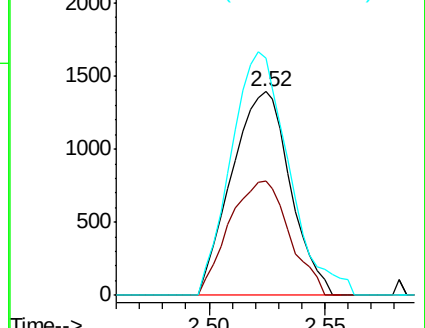
49 116.1 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV015785.D (-351) (-)

Ion 86.00 (85.70 to 86.70): VV015785.D (-351) (-)

Ion 49.10 (48.80 to 49.80): VV015785.D (-351) (-)



#25

Chloroform

Concen: 0.576 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015785.D

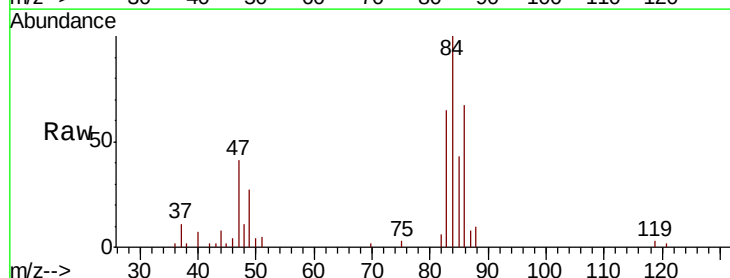
Acq: 29 Apr 2020 12:20

Tgt Ion: 83 Resp: 9821

Ion Ratio Lower Upper

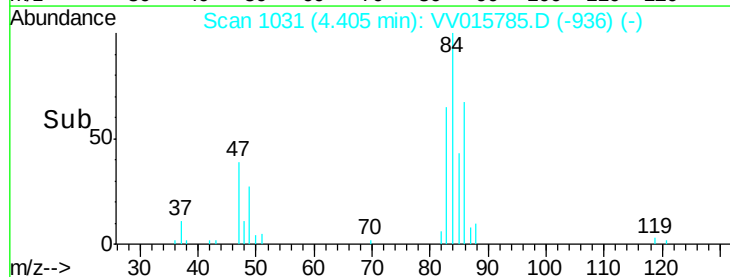
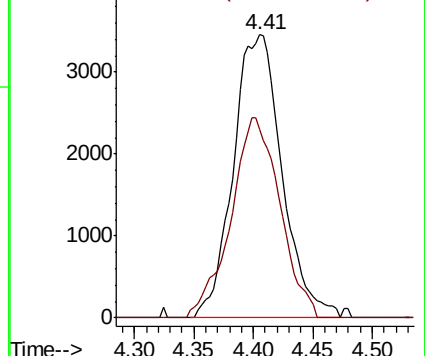
83 100

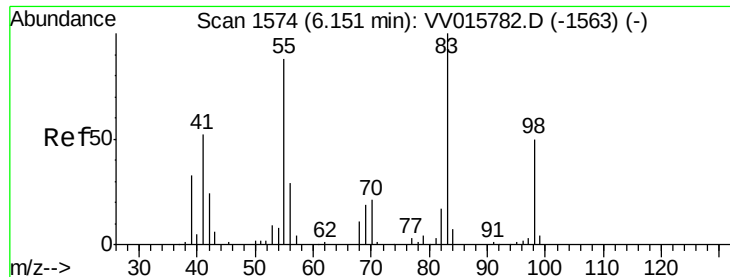
85 66.8 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015785.D (-936) (-)

Ion 85.00 (84.70 to 85.70): VV015785.D (-936) (-)

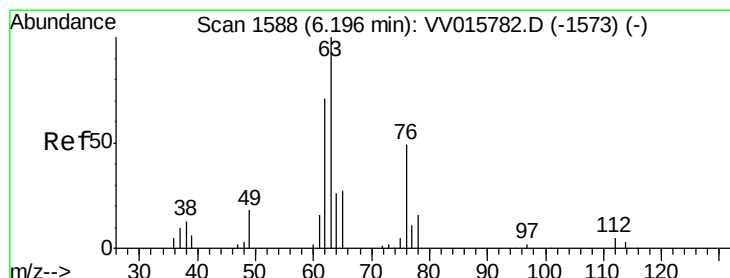
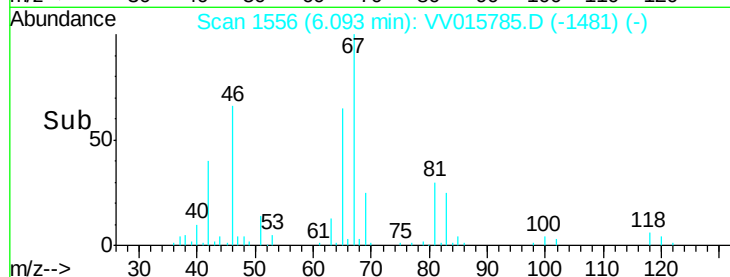
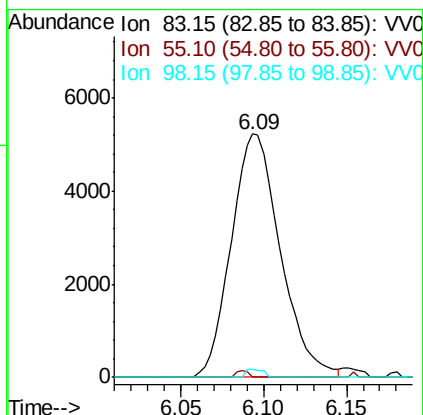
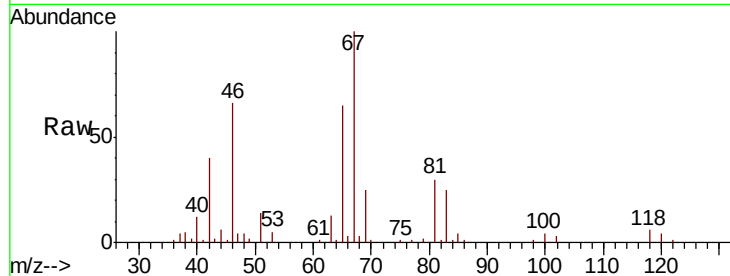




#35
Methylvlcyclohexane
Concen: 0.724 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015785.D
Acq: 29 Apr 2020 12:20

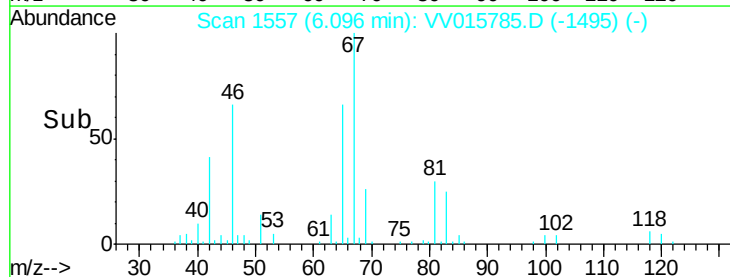
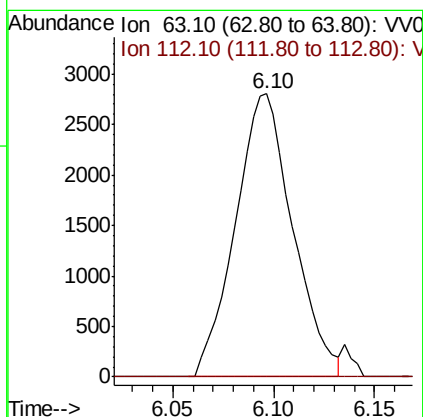
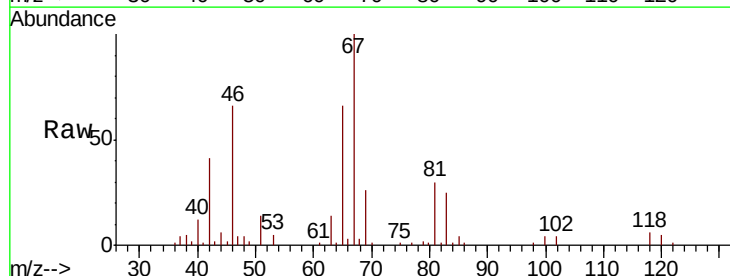
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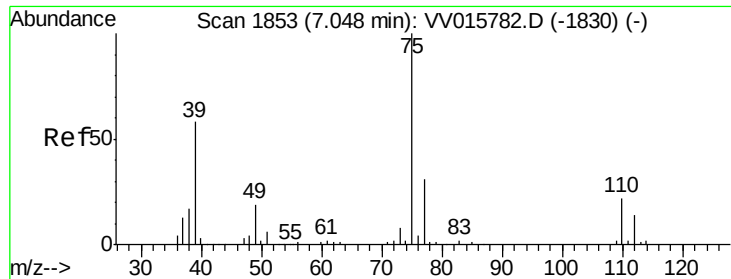
Tot Ion: 83 Resp: 10763
Ion Ratio Lower Upper
83 100
55 0.7 66.6 99.8#
98 1.1 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015785.D
Acq: 29 Apr 2020 12:20

Tgt Ion: 63 Resp: 5575
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

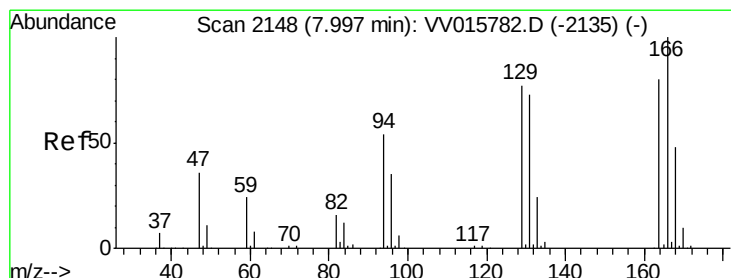
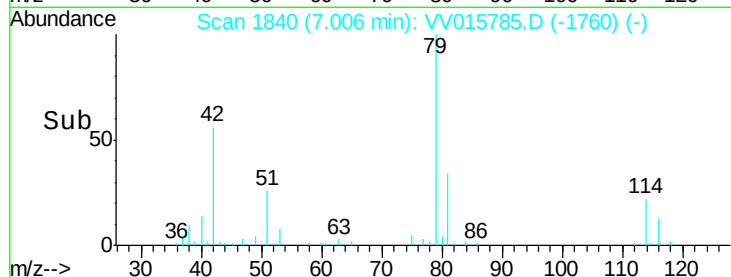
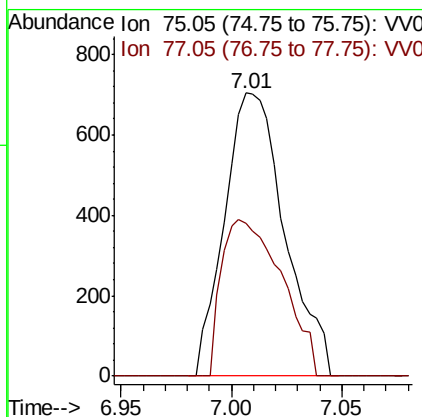
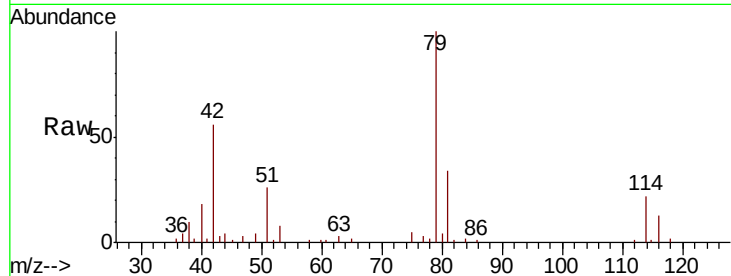




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015785.D
 Acq: 29 Apr 2020 12:20

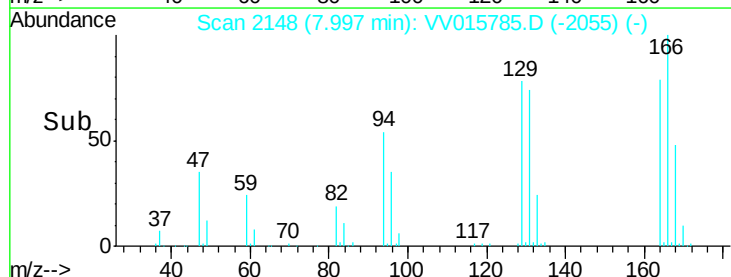
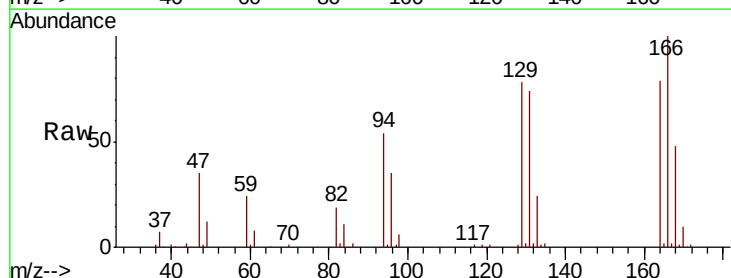
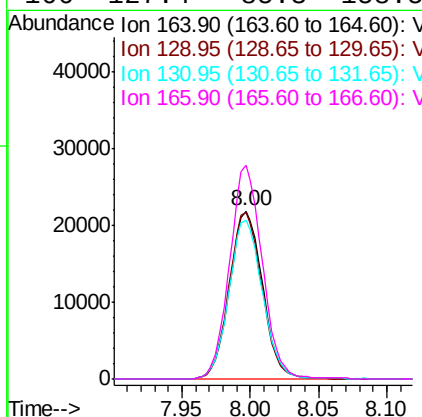
Instrument :
 MSVOA_V
 ClientSampleId :

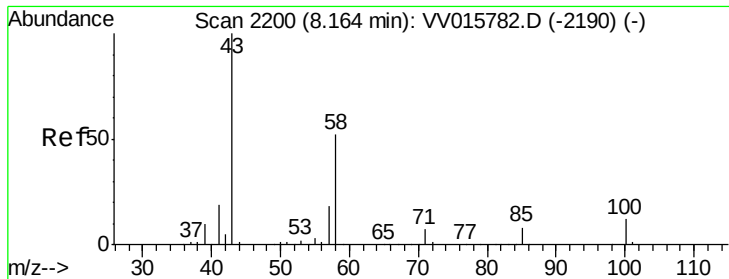
Tot Ion: 75 Resp: 1337
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.3 41.5#



#47
 Tetrachloroethene
 Concen: 5.292 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV015785.D
 Acq: 29 Apr 2020 12:20

Tgt Ion: 164 Resp: 36894
 Ion Ratio Lower Upper
 164 100
 129 99.3 66.7 123.9
 131 94.9 66.6 123.6
 166 127.4 85.3 158.5

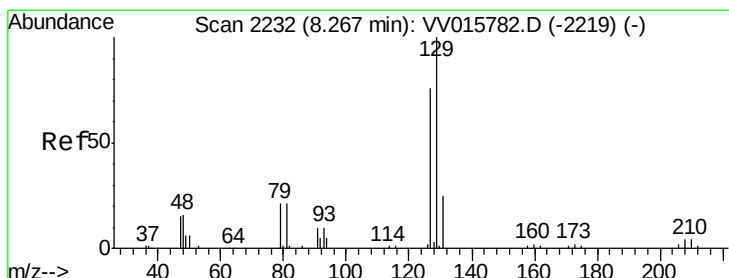
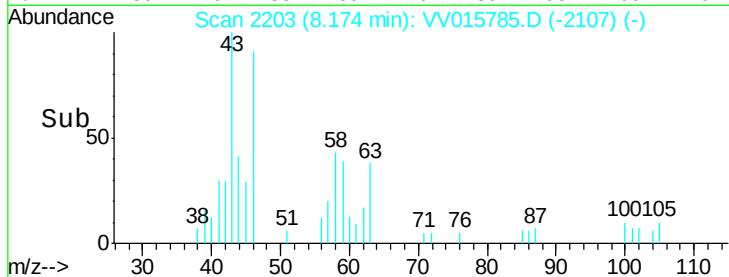
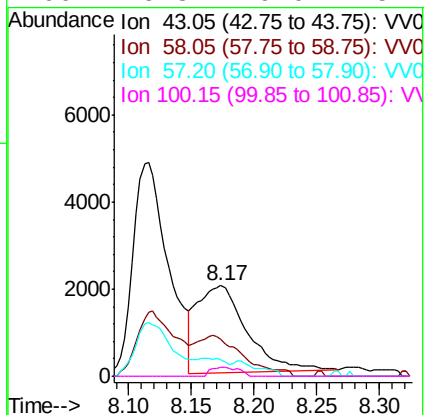
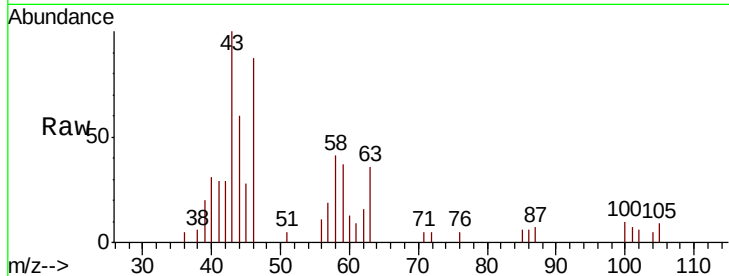




#48
2-Hexanone
Concen: 1.336 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV015785.D
Acq: 29 Apr 2020 12:20

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 5512
Ion Ratio Lower Upper
43 100
58 41.8 41.1 61.7
57 12.0 15.0 22.4#
100 5.8 9.0 13.4#



#49
Dibromochloromethane
Concen: 5.655 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015785.D
Acq: 29 Apr 2020 12:20

Tgt Ion: 129 Resp: 35550
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#

