

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013785.D
 Acq On : 26 Nov 2019 14:16
 Operator : SY/MD
 Sample : K5993-01DL 200X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 01:21:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 01:18:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	346859	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	355119	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157515	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87623	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	83998	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.12	63	122212	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.96	46	224873	50.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	4.40	84	191672	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.08	65	102022	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.09	84	383297	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.11	67	122391	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.36	98	322050	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	7.66	79	42490	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.14	63	174481	44.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89648	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	140973	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

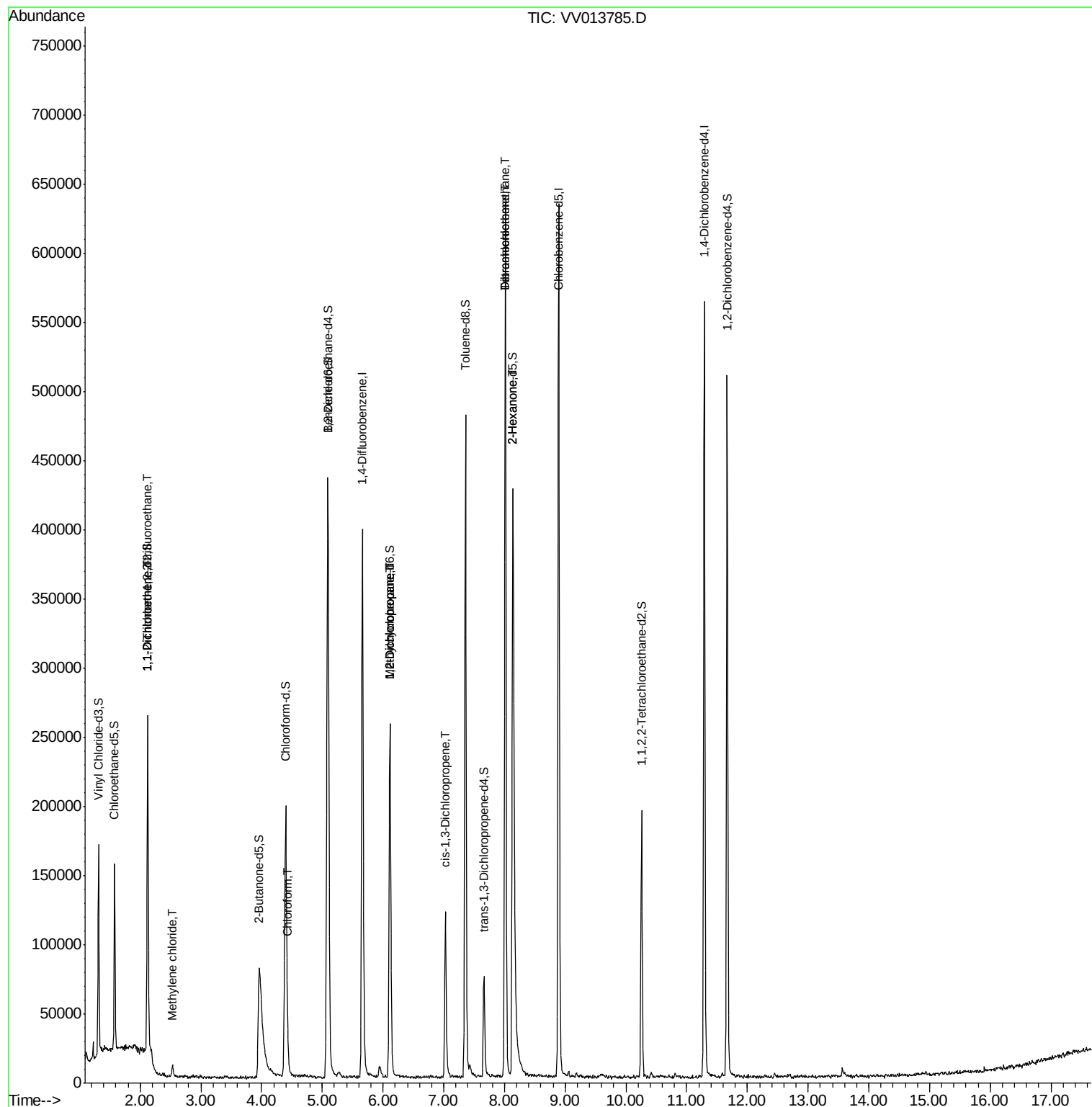
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1604	0.084	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	1799	0.108	ug/L #	1
16) Methylene chloride	2.53	84	3177	0.139	ug/L	85
25) Chloroform	4.43	83	12419	0.312	ug/L	79
35) Methylcyclohexane	6.11	83	29668	0.925	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	13484	0.602	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	3187	0.100	ug/L #	40
47) Tetrachloroethene	8.01	164	154141	7.387	ug/L	98
48) 2-Hexanone	8.14	43	19546	2.096	ug/L #	34
49) Dibromochloromethane	8.01	129	126238	6.169	ug/L #	10

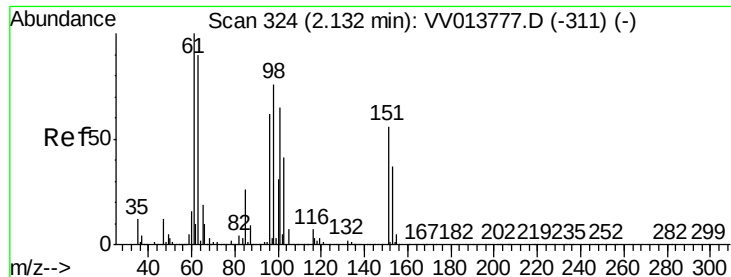
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 01:18:04 2019
Response via : Initial Calibration





#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013785.D

Acq: 26 Nov 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

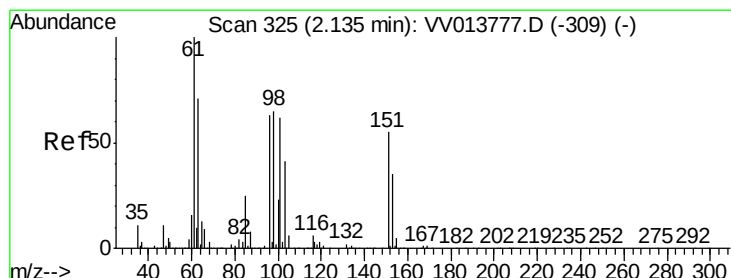
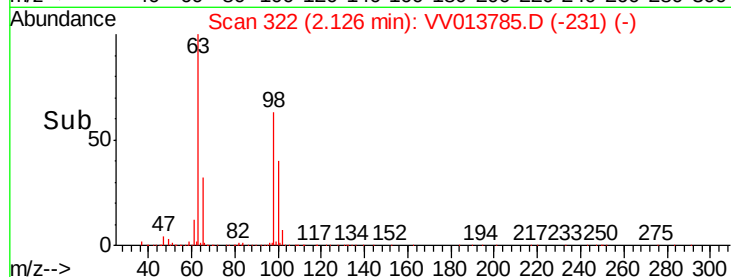
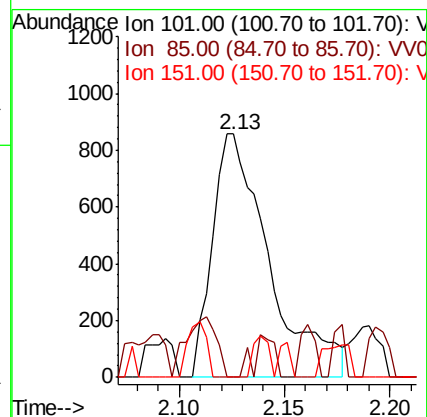
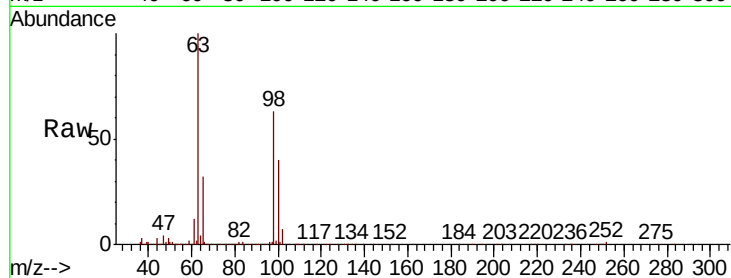
Tot Ion:101 Resp: 1604

Ion Ratio Lower Upper

101 100

85 6.2 33.4 50.0#

151 4.7 69.4 104.0#



#12

1,1-Dichloroethene

Concen: 0.108 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013785.D

Acq: 26 Nov 2019 14:16

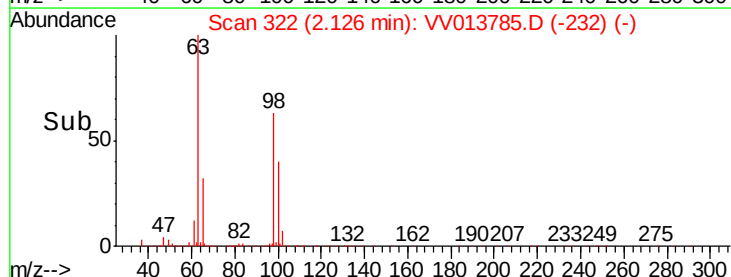
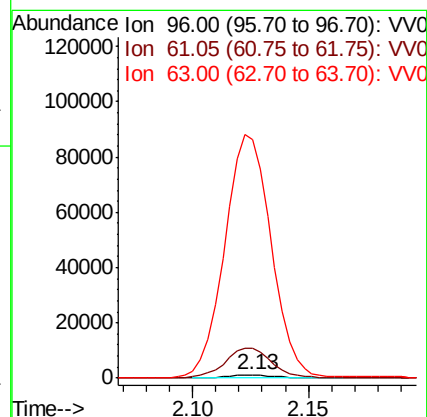
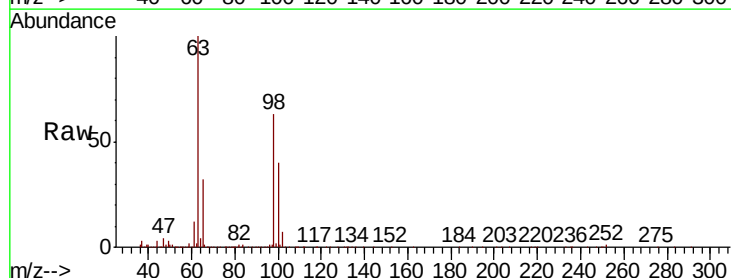
Tgt Ion: 96 Resp: 1799

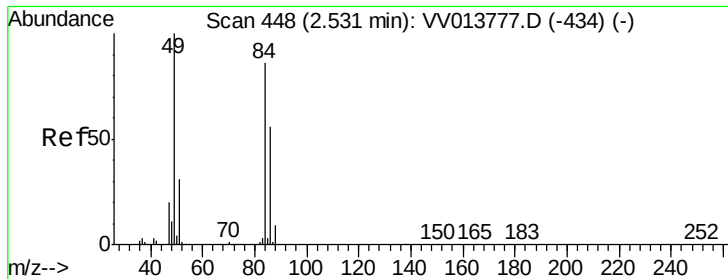
Ion Ratio Lower Upper

96 100

61 956.0 116.3 215.9#

63 7800.9 96.7 179.7#

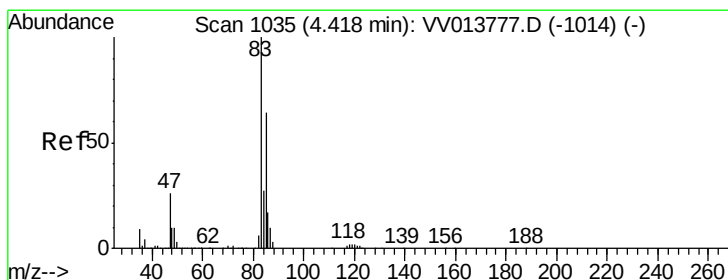
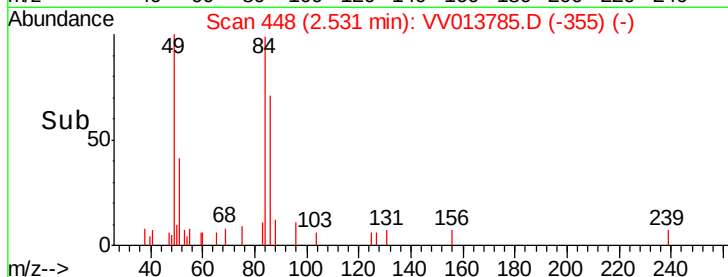
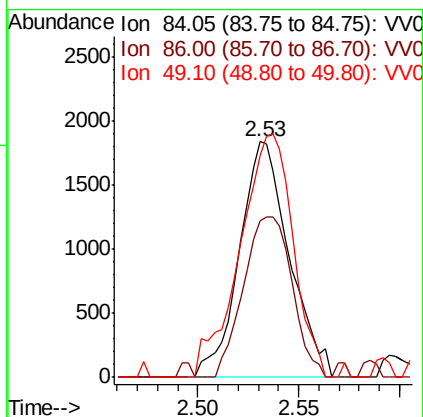
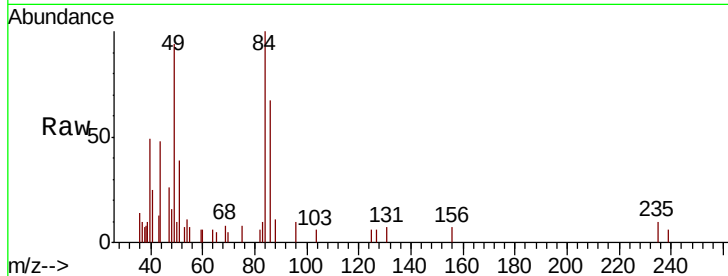




#16
Methylene chloride
Concen: 0.139 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV013785.D
Acq: 26 Nov 2019 14:16

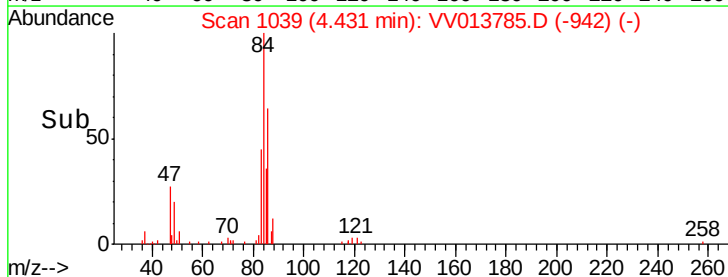
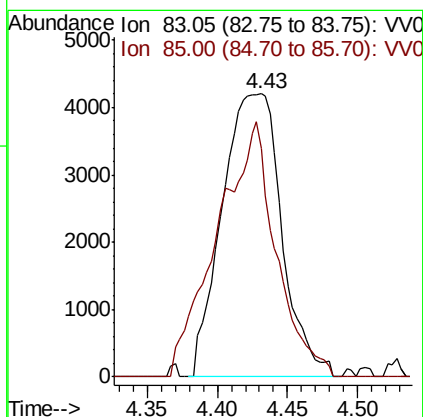
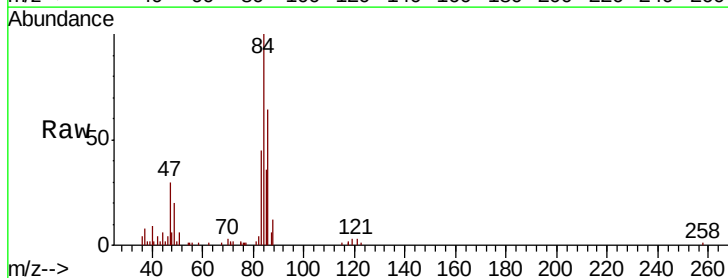
Instrument :
MSVOA_V
ClientSampleId :

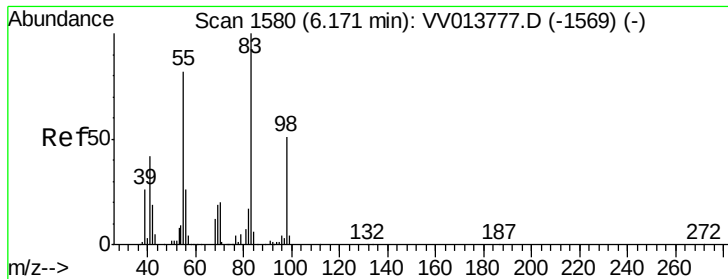
Tot Ion: 84 Resp: 3177
Ion Ratio Lower Upper
84 100
86 66.6 44.0 81.6
49 93.9 81.5 151.5



#25
Chloroform
Concen: 0.312 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV013785.D
Acq: 26 Nov 2019 14:16

Tgt Ion: 83 Resp: 12419
Ion Ratio Lower Upper
83 100
85 80.8 45.1 83.7

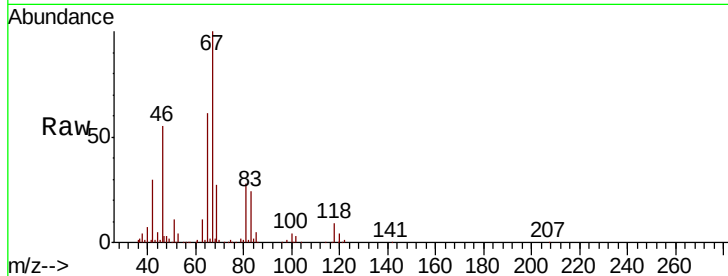




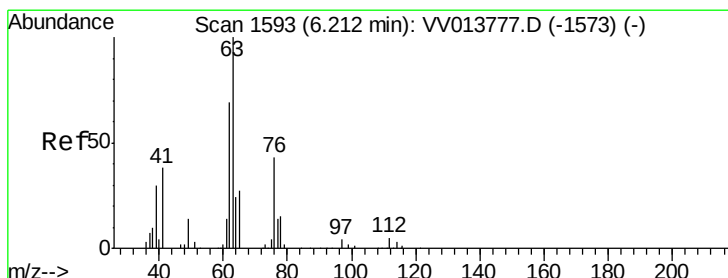
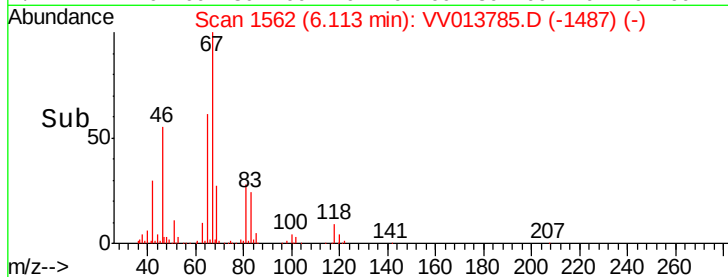
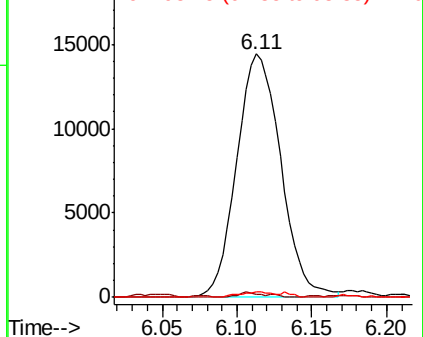
#35
Methylvlcyclohexane
Concen: 0.925 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013785.D
Acq: 26 Nov 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	1.0	60.3	90.5#
98	1.9	38.1	57.1#

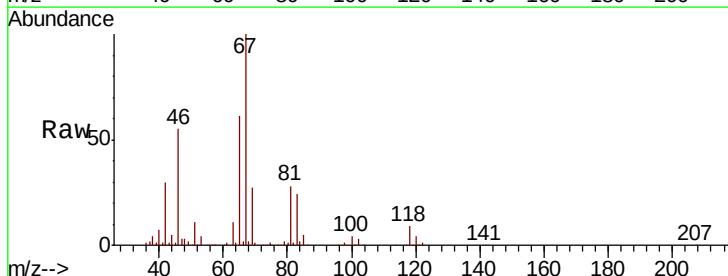


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

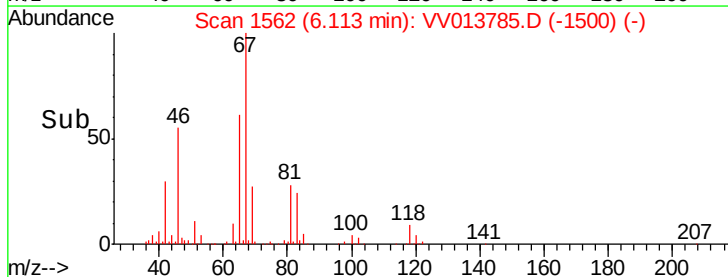
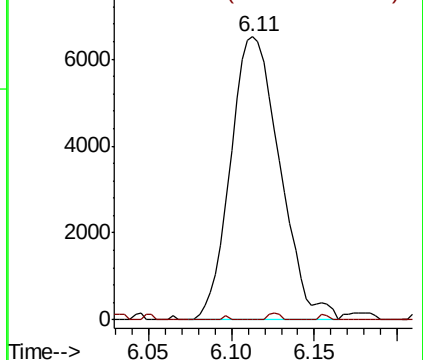


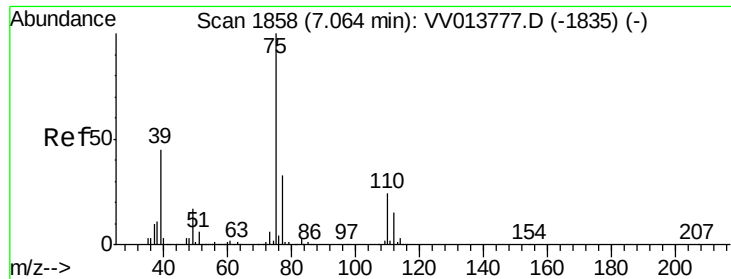
#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013785.D
Acq: 26 Nov 2019 14:16

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.6	4.4	6.6#



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



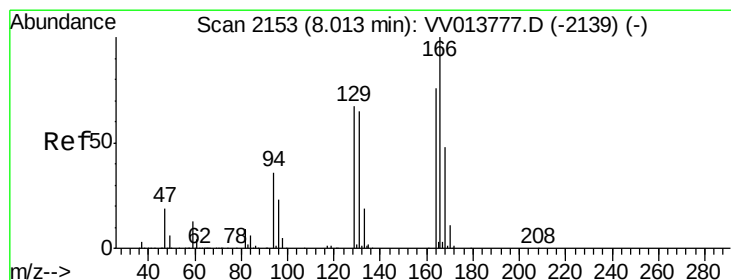
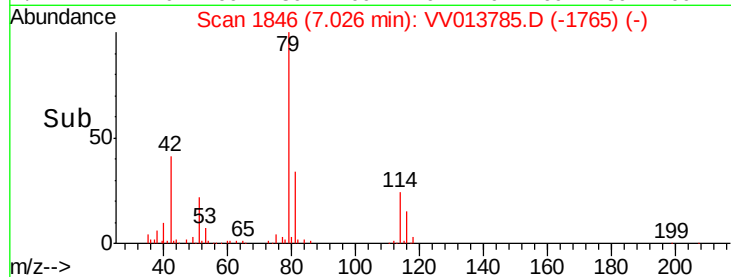
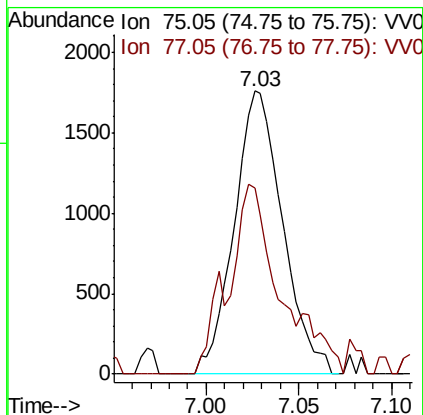
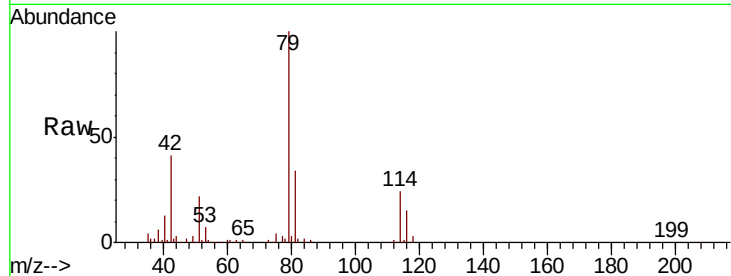


#39

cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV013785.D
Acq: 26 Nov 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :

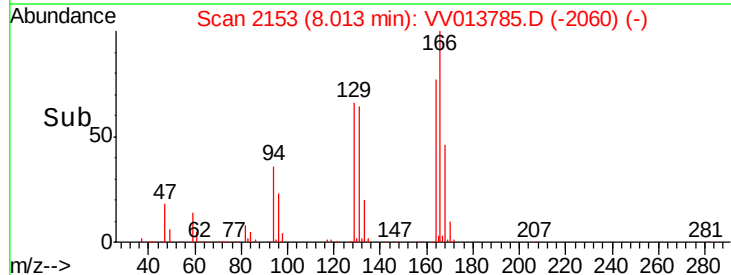
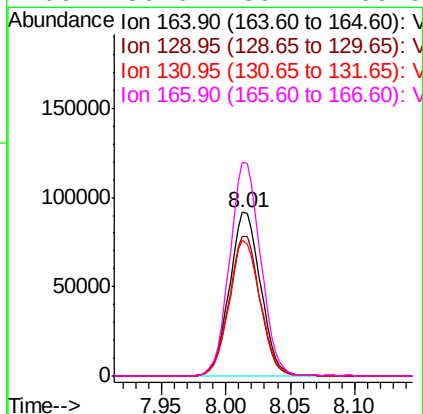
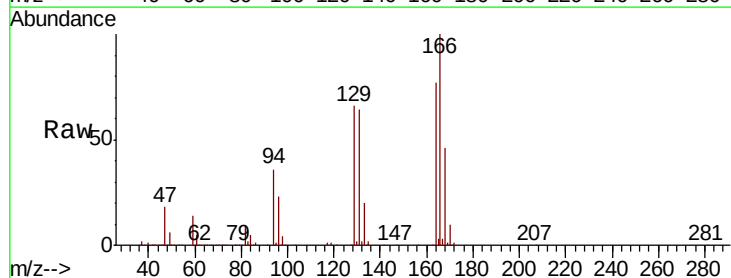
Tot Ion: 75 Resp: 3187
Ion Ratio Lower Upper
75 100
77 65.7 22.5 41.9#

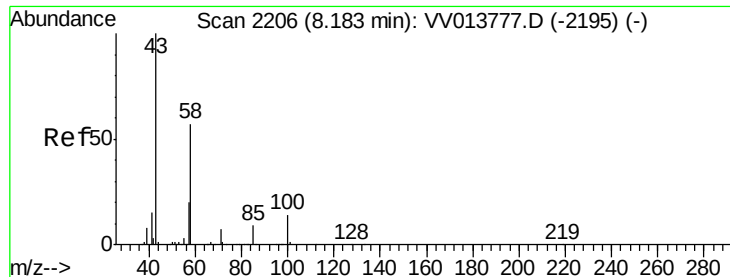


#47

Tetrachloroethene
Concen: 7.387 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VV013785.D
Acq: 26 Nov 2019 14:16

Tgt Ion: 164 Resp: 154141
Ion Ratio Lower Upper
164 100
129 85.6 60.3 112.1
131 83.1 59.9 111.3
166 130.6 89.1 165.5

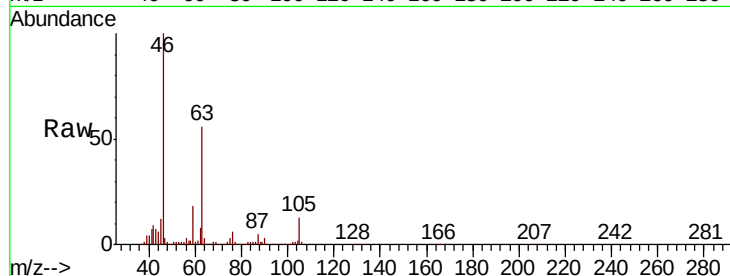




#48
2-Hexanone
Concen: 2.096 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.04 min
Lab File: VV013785.D
Acq: 26 Nov 2019 14:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.2	64.8#
57	51.3	15.4	23.2#
100	4.0	10.4	15.6#



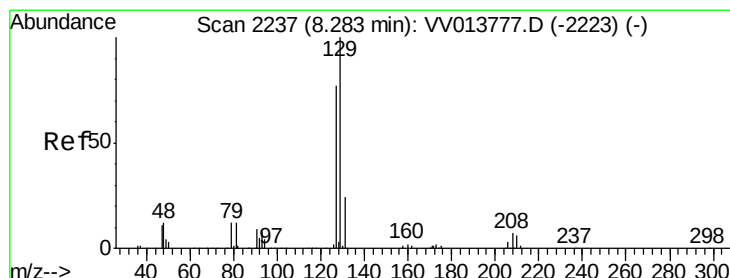
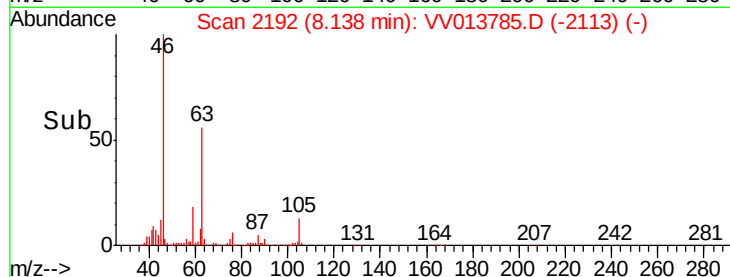
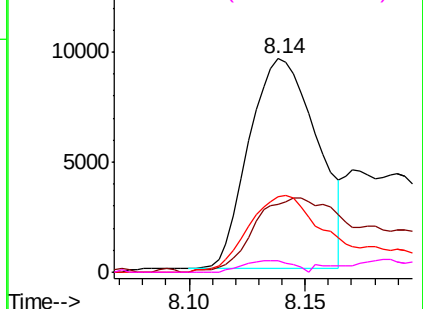
Abundance

Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

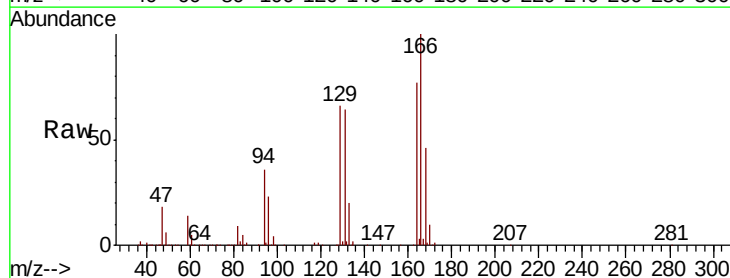
Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0



#49
Dibromochloromethane
Concen: 6.169 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.27 min
Lab File: VV013785.D
Acq: 26 Nov 2019 14:16

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.5	55.7	103.5#



Abundance

Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

