

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV123020\
 Data File : VV019873.D
 Acq On : 30 Dec 2020 11:24
 Operator : SY/MD
 Sample : VV1230WBL05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 31 02:04:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 31 02:03:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	263149	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	252925	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	116401	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.30	65	89411	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.56	69	76689	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.10	63	139286	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.93	46	189775	47.50	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.00%
24) Chloroform-d	4.35	84	162068	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.04	65	84622	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.05	84	329479	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.07	67	100331	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.32	98	278913	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.63	79	31997	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.10	63	121791	41.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.36%
56) 1,1,2,2-Tetrachloroethane-	10.22	84	54653	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
66) 1,2-Dichlorobenzene-d4	11.63	152	87734	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

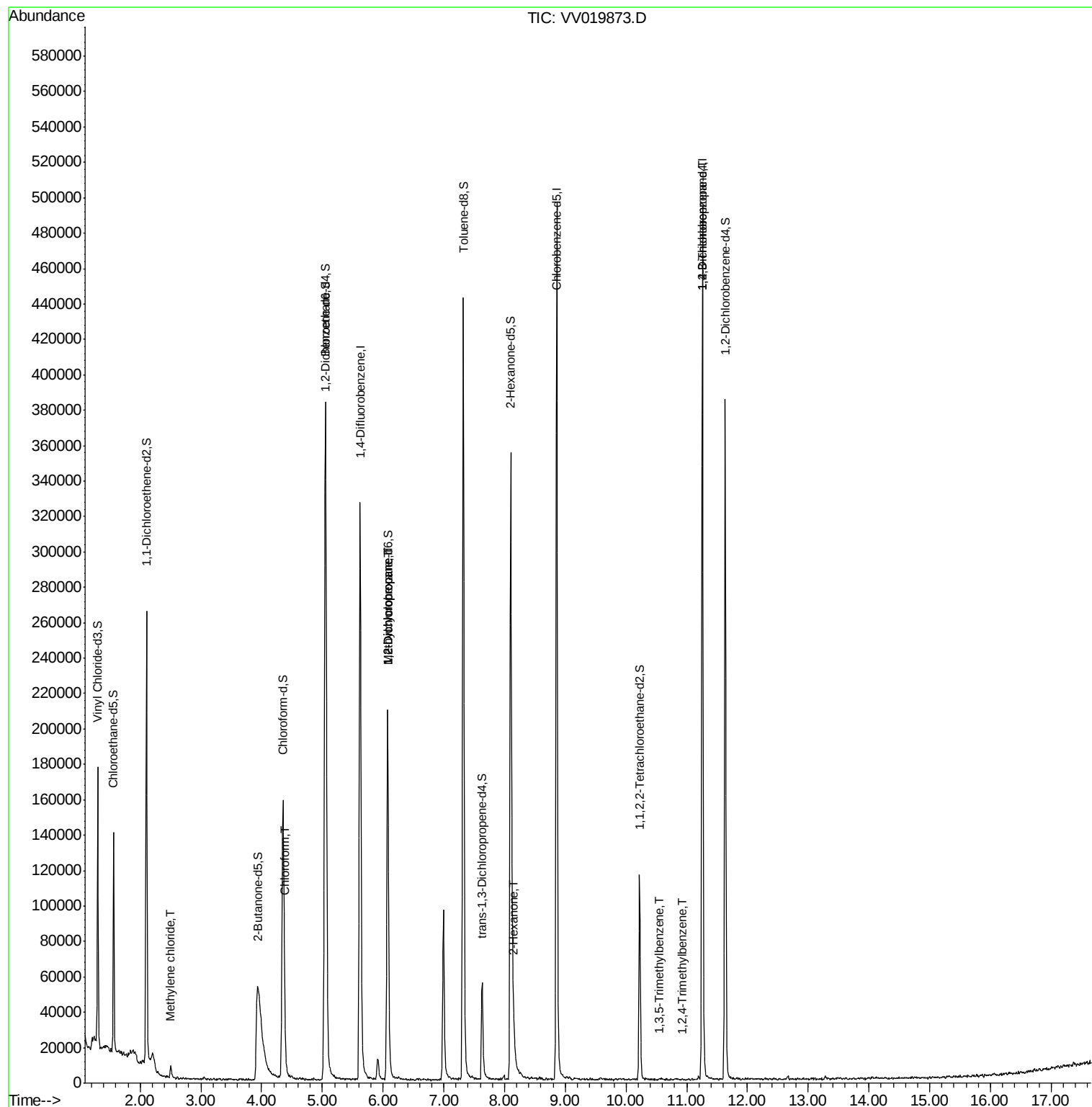
					Ovalue
16) Methylene chloride	2.51	84	2790	0.126 ug/L	94
25) Chloroform	4.38	83	7162	0.181 ug/L	97
35) Methylcyclohexane	6.07	83	24675	0.729 ug/L #	16
37) 1,2-Dichloropropane	6.07	63	11921	0.561 ug/L #	89
48) 2-Hexanone	8.15	43	14023	1.687 ug/L #	52
61) 1,2,3-Trichloropropane	11.25	75	16733	1.487 ug/L #	68
62) 1,3,5-Trimethylbenzene	10.55	105	363	0.005 ug/L #	29
63) 1,2,4-Trimethylbenzene	10.93	105	259	0.004 ug/L	93

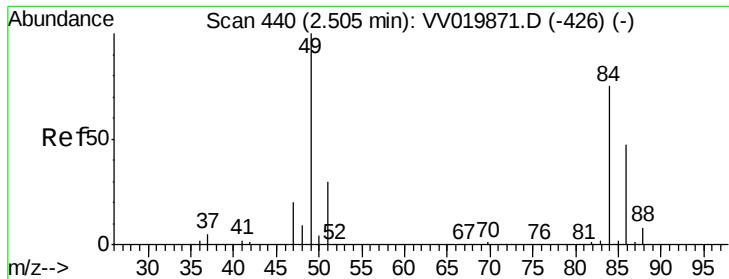
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 31 02:04:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 31 02:03:35 2020
Response via : Initial Calibration

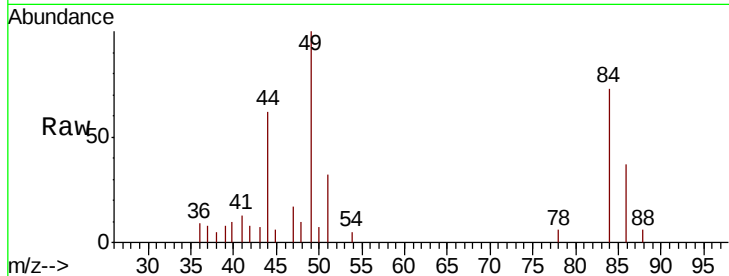




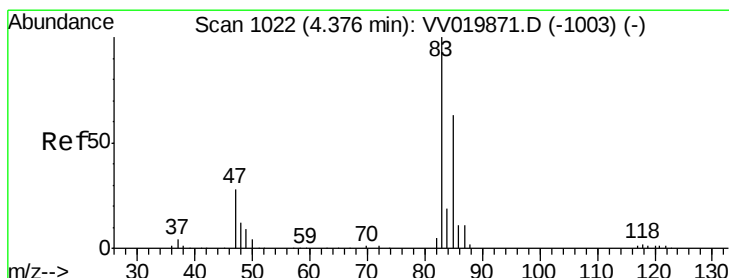
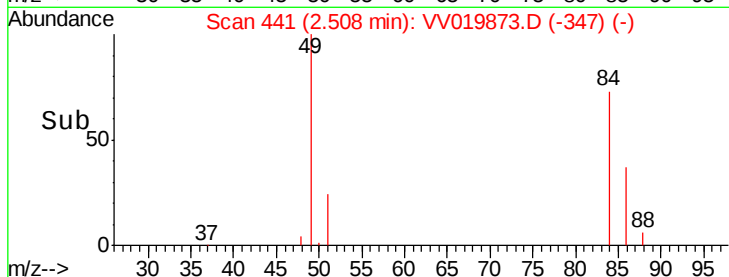
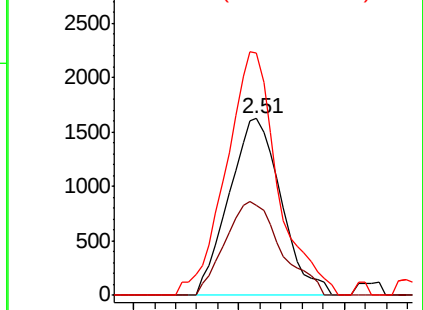
#16
Methvlene chloride
Concen: 0.126 ug/L
RT: 2.51 min Scan# 441
Delta R.T. 0.00 min
Lab File: VV019873.D
Acq: 30 Dec 2020 11:24

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 2790
Ion Ratio Lower Upper
84 100
86 51.3 42.8 79.4
49 137.4 93.9 174.3

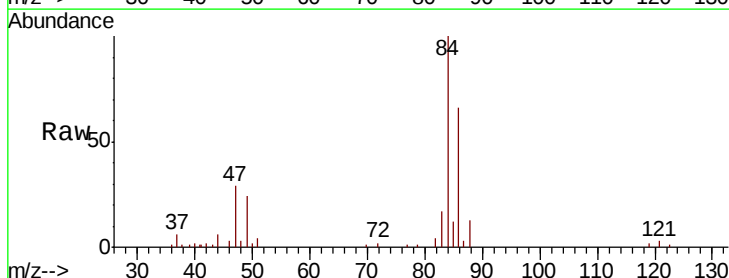


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

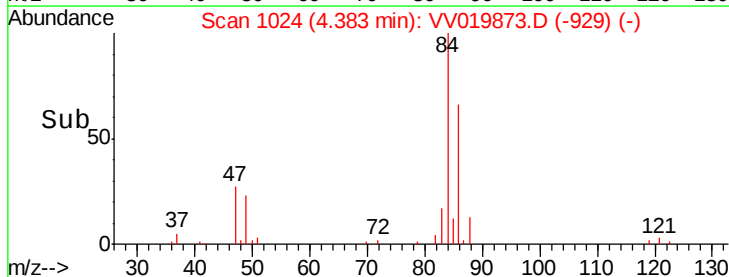
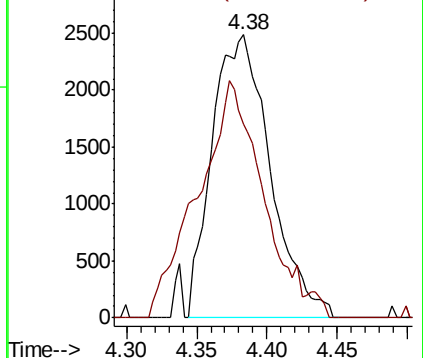


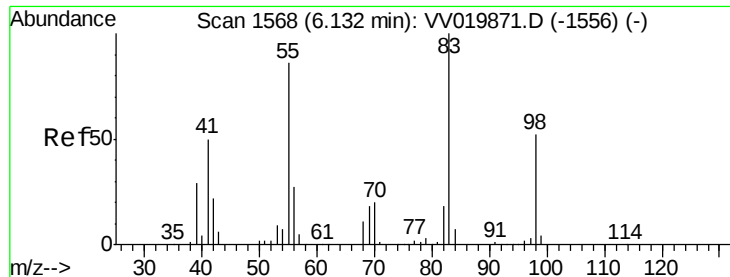
#25
Chloroform
Concen: 0.181 ug/L
RT: 4.38 min Scan# 1024
Delta R.T. 0.01 min
Lab File: VV019873.D
Acq: 30 Dec 2020 11:24

Tgt Ion: 83 Resp: 7162
Ion Ratio Lower Upper
83 100
85 68.7 46.4 86.2



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

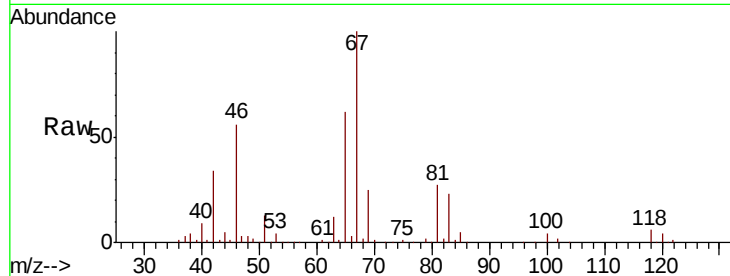




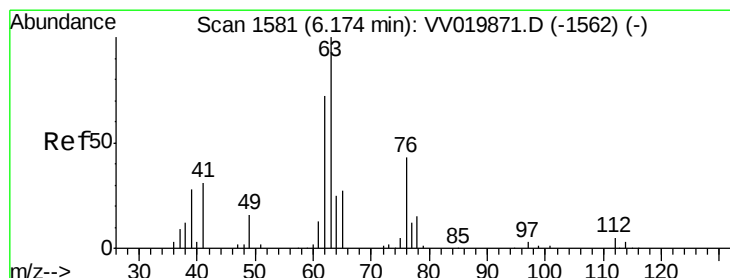
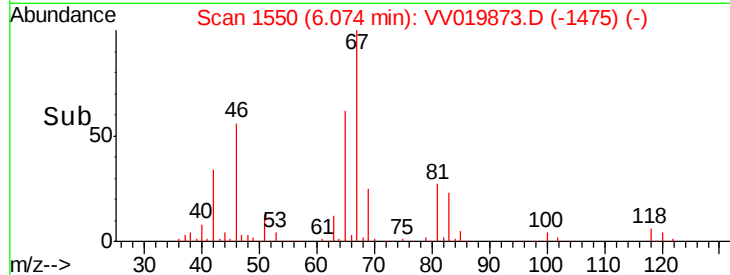
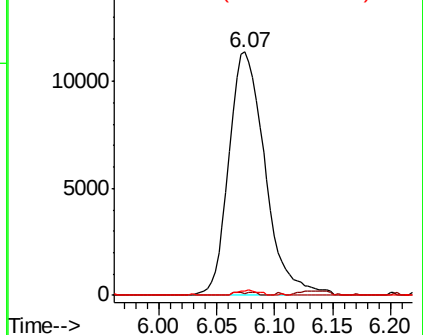
#35
Methvlcvclohexane
Concen: 0.729 ug/L
RT: 6.07 min Scan# 1550
Delta R.T. -0.06 min
Lab File: VV019873.D
Acq: 30 Dec 2020 11:24

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 24675
Ion Ratio Lower Upper
83 100
55 0.3 67.5 101.3#
98 1.2 38.6 58.0#

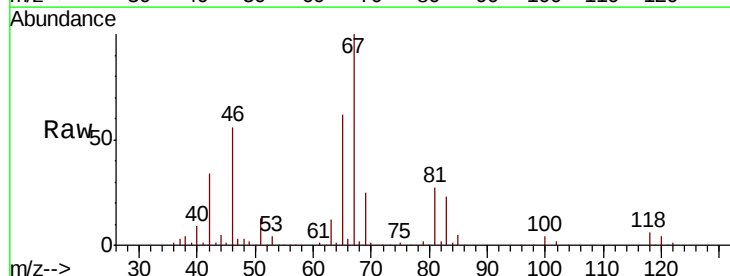


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

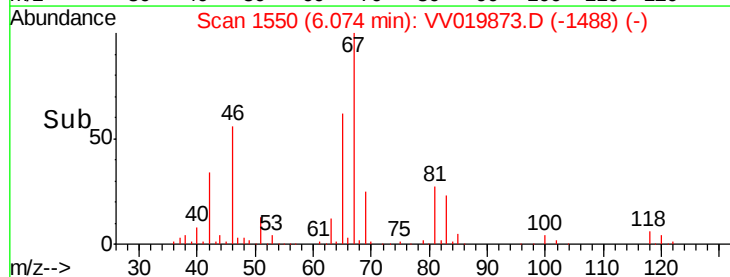
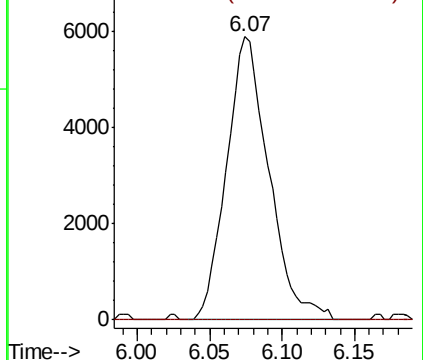


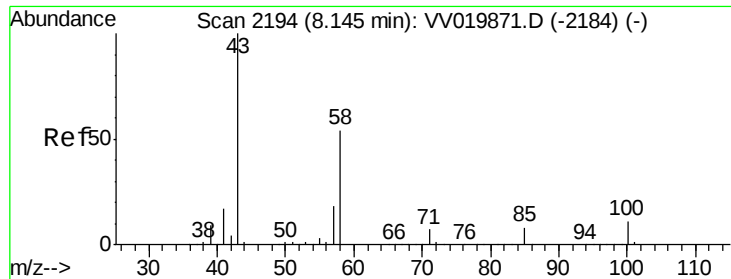
#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.07 min Scan# 1550
Delta R.T. -0.10 min
Lab File: VV019873.D
Acq: 30 Dec 2020 11:24

Tgt Ion: 63 Resp: 11921
Ion Ratio Lower Upper
63 100
112 0.7 3.6 5.4#



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

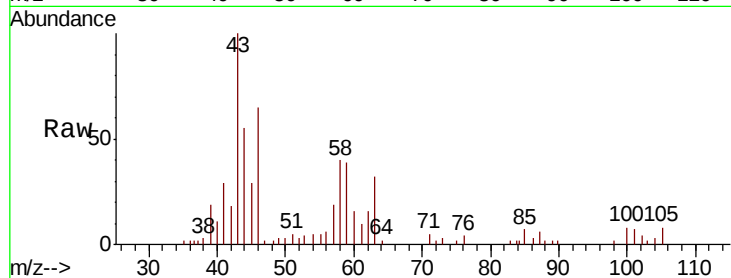




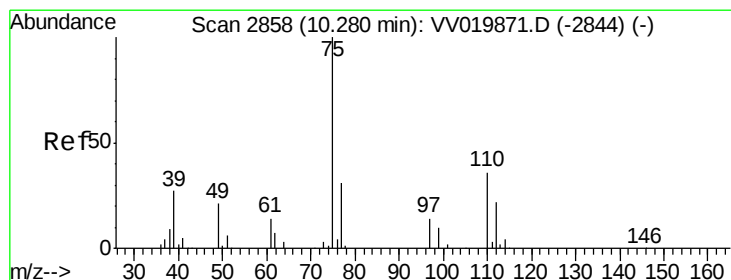
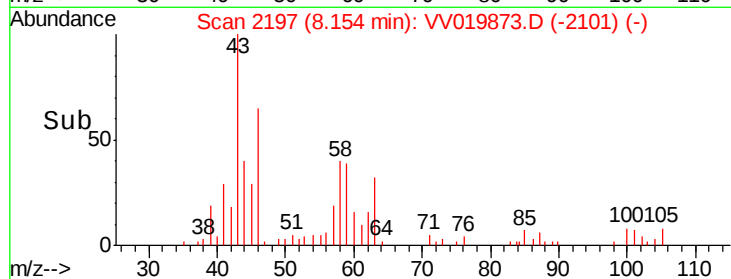
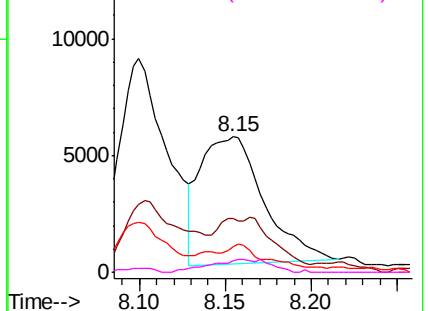
#48
2-Hexanone
Concen: 1.687 ug/L
RT: 8.15 min Scan# 2197
Delta R.T. 0.01 min
Lab File: VV019873.D
Acq: 30 Dec 2020 11:24

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 14023
Ion Ratio Lower Upper
43 100
58 3.9 42.4 63.6#
57 12.0 14.8 22.2#
100 9.5 9.1 13.7

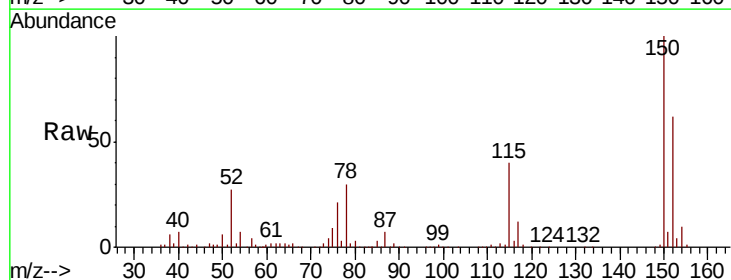


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

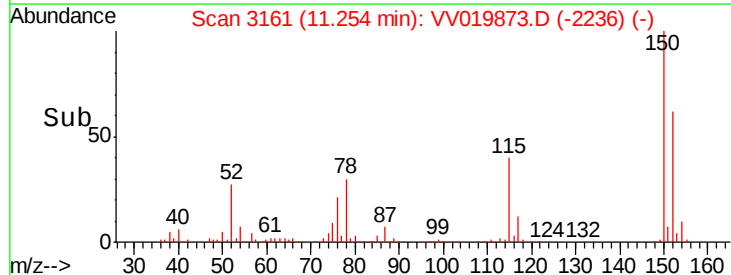
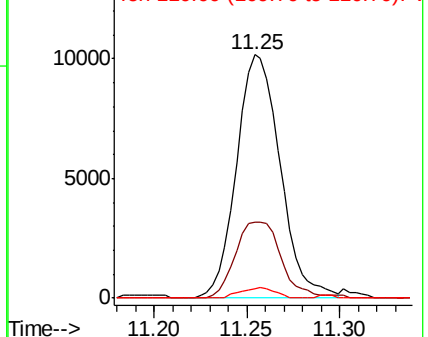


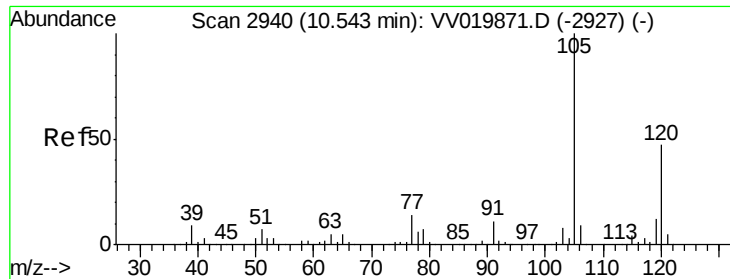
#61
1,2,3-Trichloropropane
Concen: 1.487 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.97 min
Lab File: VV019873.D
Acq: 30 Dec 2020 11:24

Tgt Ion: 75 Resp: 16733
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4
110 3.4 30.5 45.7#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0
Ion 110.00 (109.70 to 110.70): VV0

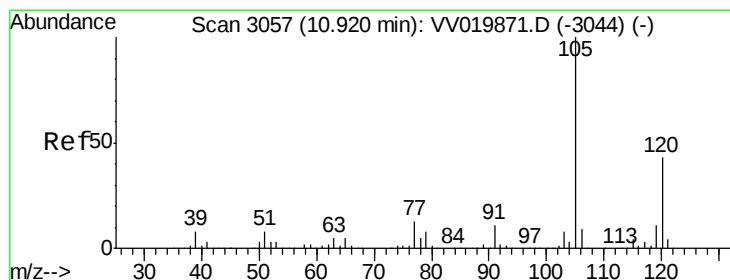
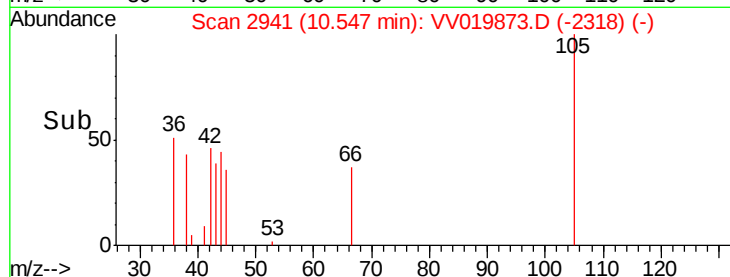
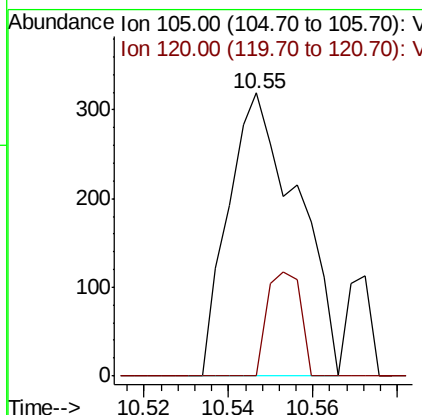
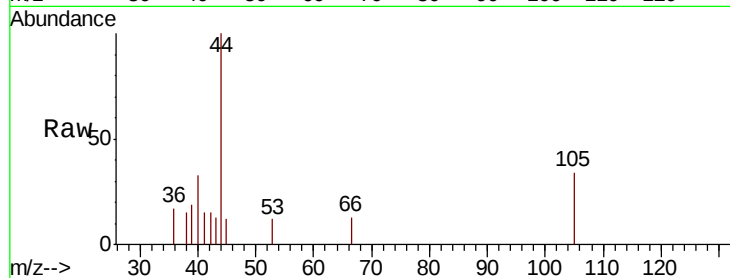




#62
 1,3,5-Trimethylbenzene
 Concen: 0.005 ug/L
 RT: 10.55 min Scan# 2941
 Delta R.T. 0.00 min
 Lab File: VV019873.D
 Acq: 30 Dec 2020 11:24

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:105 Resp: 363
 Ion Ratio Lower Upper
 105 100
 120 0.0 37.8 56.6#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.004 ug/L
 RT: 10.93 min Scan# 3060
 Delta R.T. 0.01 min
 Lab File: VV019873.D
 Acq: 30 Dec 2020 11:24

Tgt Ion:105 Resp: 259
 Ion Ratio Lower Upper
 105 100
 120 39.4 34.9 52.3

