

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122920\
 Data File : VV019865.D
 Acq On : 29 Dec 2020 15:40
 Operator : SY/MD
 Sample : VV1229WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK301

Quant Time: Dec 30 04:49:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 30 04:48:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	285263	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	263487	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	125235	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.30	65	99187	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.56	69	83684	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.10	63	154348	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.93	46	207379	47.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.76%
24) Chloroform-d	4.35	84	172379	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.04	65	91676	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.05	84	358862	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.07	67	107901	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.32	98	306319	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.63	79	34752	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.10	63	132513	43.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.06%
56) 1,1,2,2-Tetrachloroethane-	10.22	84	59524	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
66) 1,2-Dichlorobenzene-d4	11.63	152	96273	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

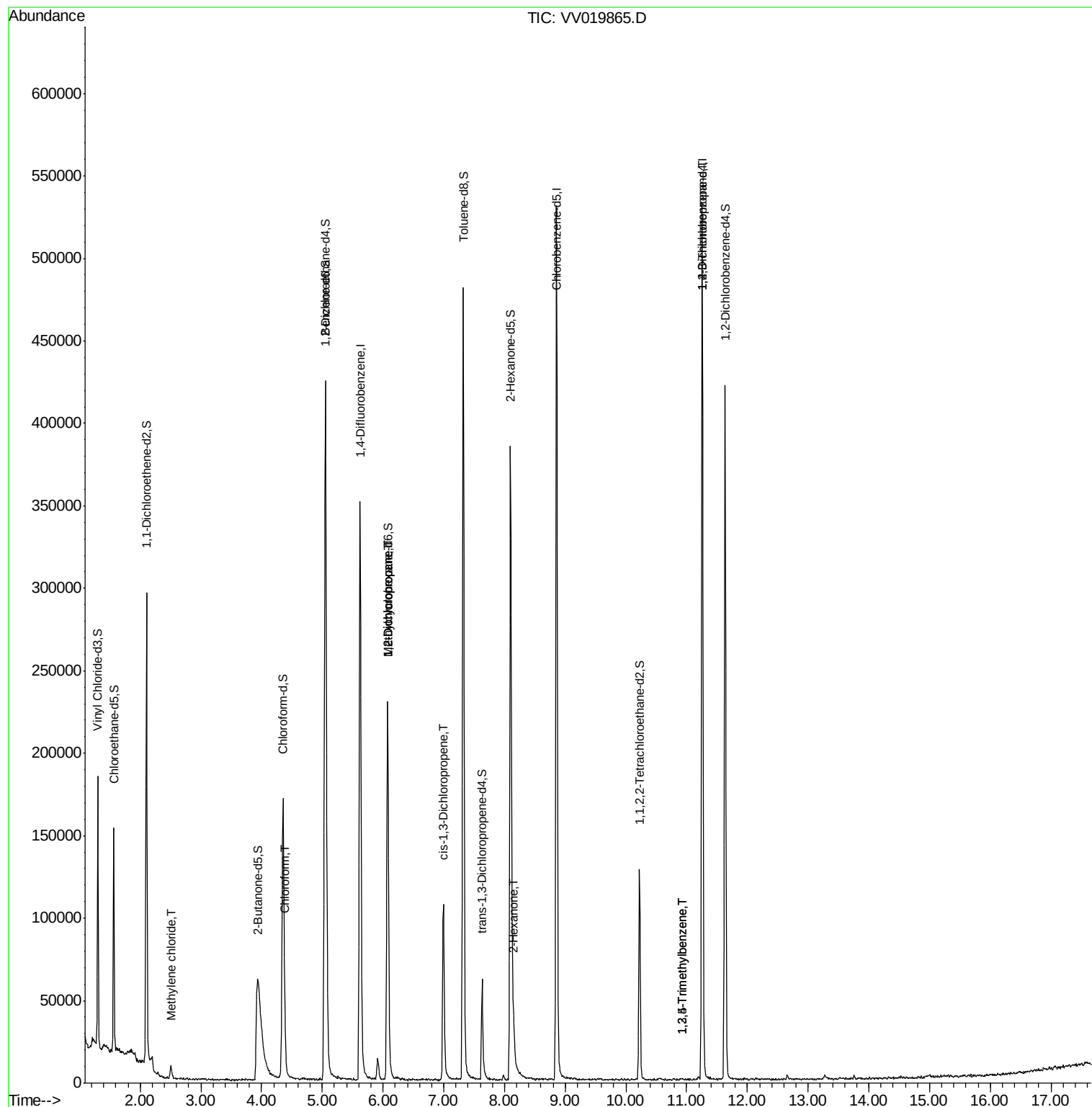
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.50	84	2651	0.110	ug/L	95
25) Chloroform	4.39	83	8565	0.199	ug/L	94
35) Methylcyclohexane	6.07	83	26344	0.747	ug/L #	16
37) 1,2-Dichloropropane	6.07	63	13692	0.619	ug/L #	87
39) cis-1,3-Dichloropropene	6.99	75	3342	0.110	ug/L #	73
48) 2-Hexanone	8.15	43	13702	1.582	ug/L #	90
61) 1,2,3-Trichloropropane	11.26	75	17647	1.458	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.93	105	514	0.007	ug/L	100
63) 1,2,4-Trimethylbenzene	10.93	105	514	0.007	ug/L	95

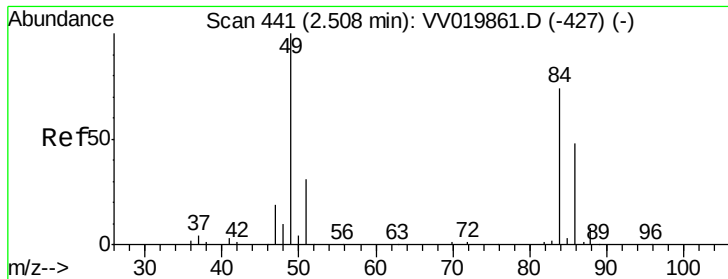
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 30 04:48:15 2020
Response via : Initial Calibration

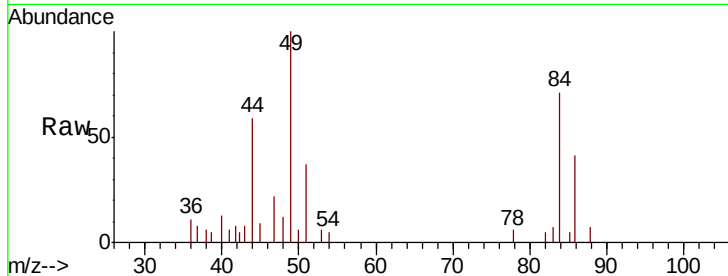




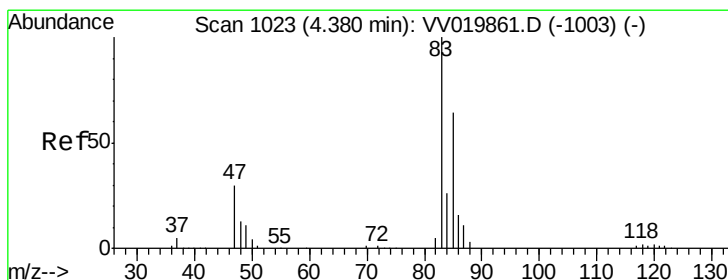
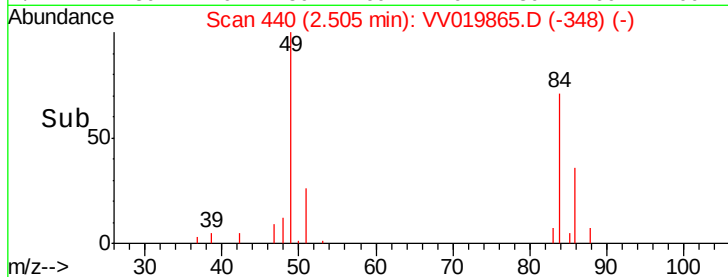
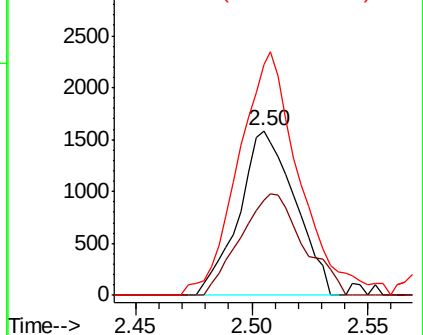
#16
Methylene chloride
Concen: 0.110 ug/L
RT: 2.50 min Scan# 440
Delta R.T. -0.00 min
Lab File: VV019865.D
Acq: 29 Dec 2020 15:40

Instrument :
MSVOA_V
ClientSampleId :
VBLK301

Tot Ion: 84 Resp: 2651
Ion Ratio Lower Upper
84 100
86 57.9 42.8 79.4
49 140.5 93.9 174.3

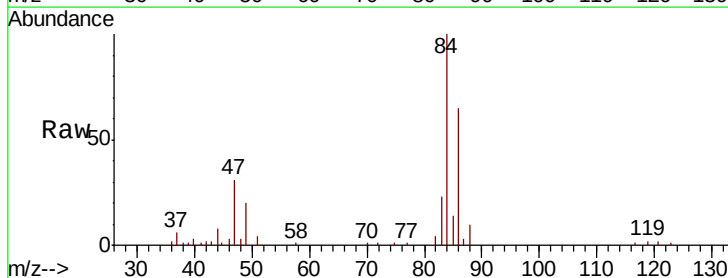


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

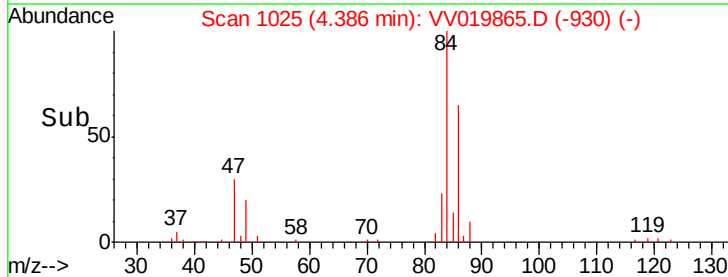
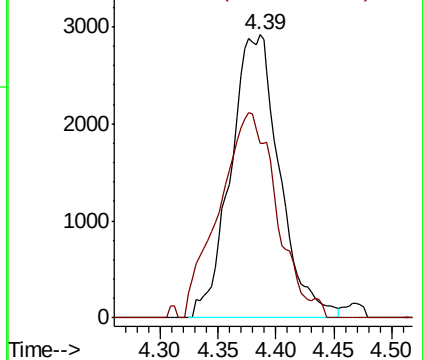


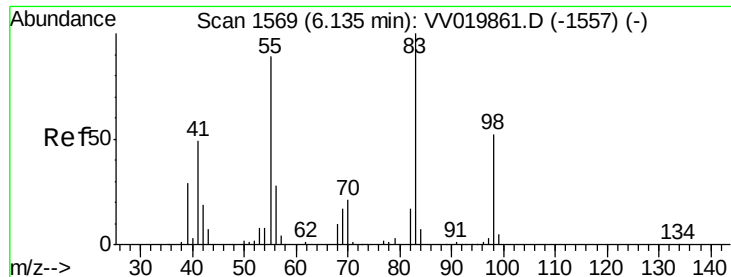
#25
Chloroform
Concen: 0.199 ug/L
RT: 4.39 min Scan# 1025
Delta R.T. 0.01 min
Lab File: VV019865.D
Acq: 29 Dec 2020 15:40

Tgt Ion: 83 Resp: 8565
Ion Ratio Lower Upper
83 100
85 61.7 46.4 86.2



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





#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

Lab File: VV019865.D

Acq: 29 Dec 2020 15:40

Instrument :

MSVOA_V

ClientSampleId :

VBLK301

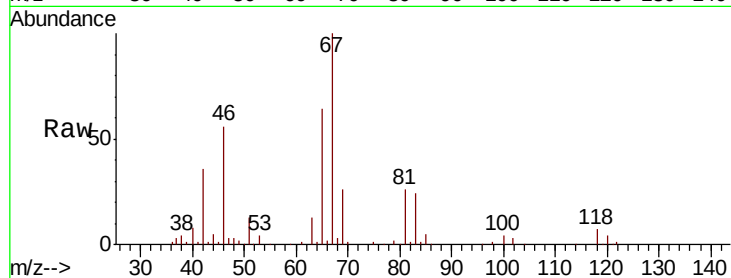
Tot Ion: 83 Resp: 26344

Ion Ratio Lower Upper

83 100

55 1.1 67.5 101.3#

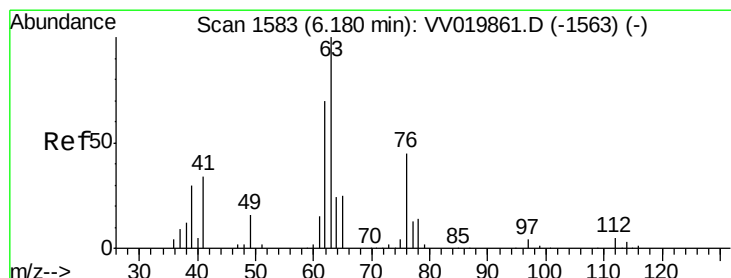
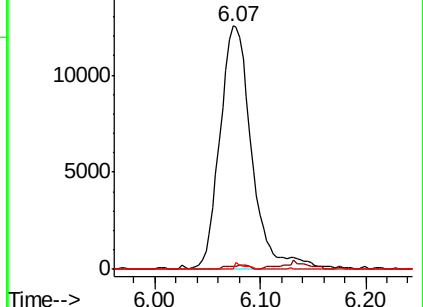
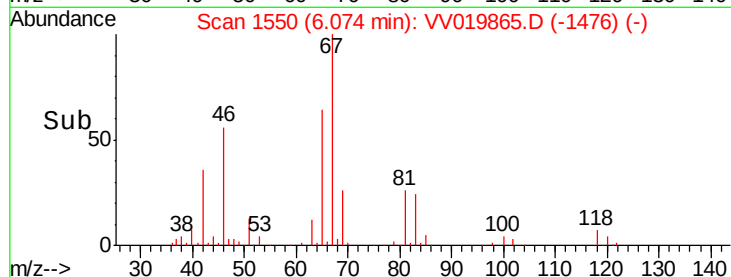
98 0.8 38.6 58.0#



Abundance Ion 83.15 (82.85 to 83.85): VV019865.D (-1476) (-)

Ion 55.10 (54.80 to 55.80): VV019865.D (-1476) (-)

Ion 98.15 (97.85 to 98.85): VV019865.D (-1476) (-)



#37

1,2-Dichloropropane

Concen: 0.619 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.11 min

Lab File: VV019865.D

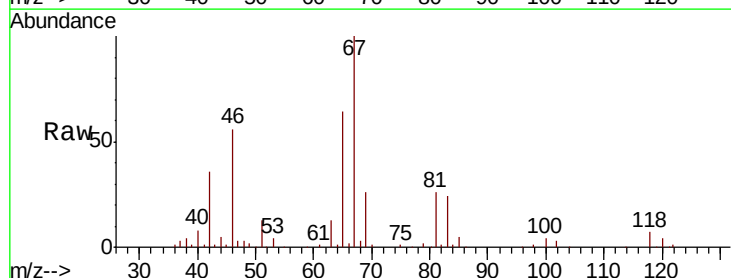
Acq: 29 Dec 2020 15:40

Tgt Ion: 63 Resp: 13692

Ion Ratio Lower Upper

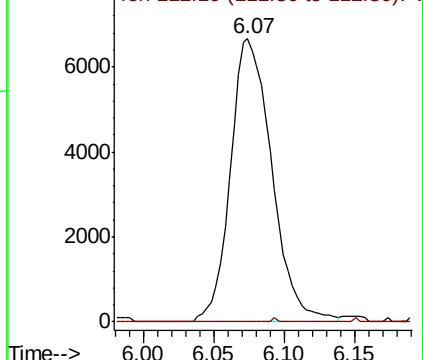
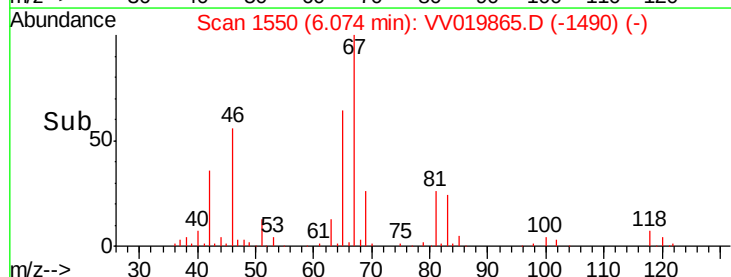
63 100

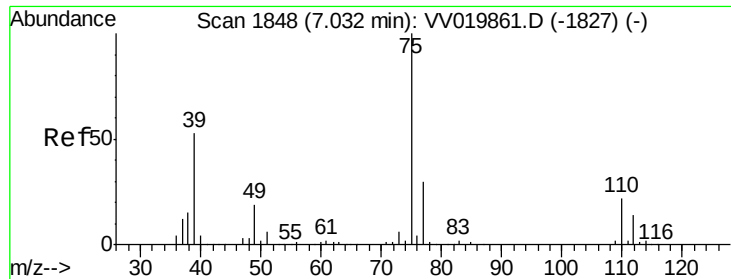
112 0.1 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV019865.D (-1490) (-)

Ion 112.10 (111.80 to 112.80): VV019865.D (-1490) (-)



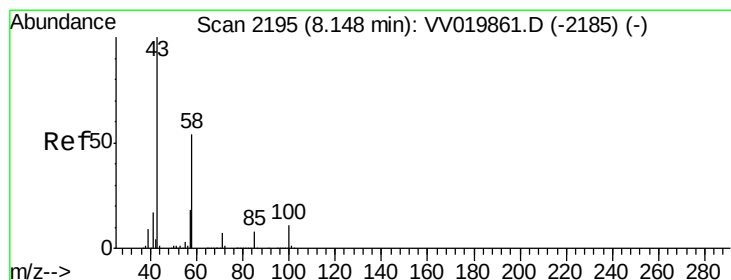
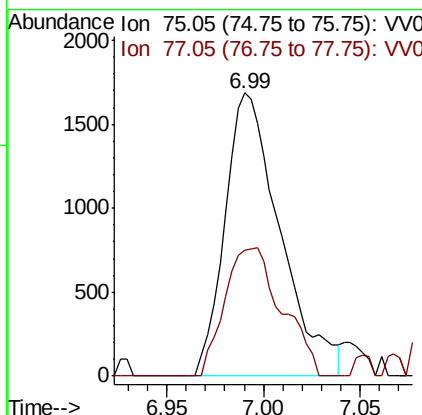
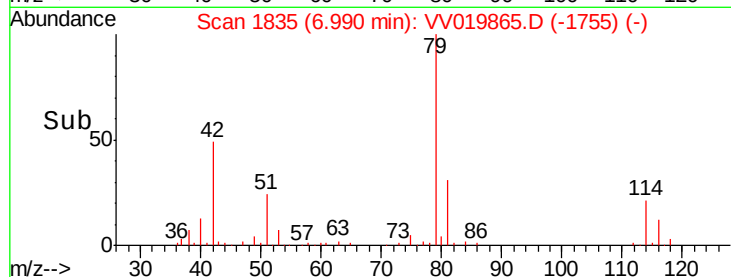
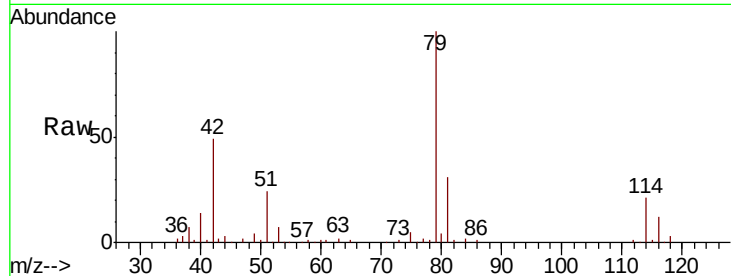


#39

cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 6.99 min Scan# 1835
Delta R.T. -0.04 min
Lab File: VV019865.D
Acq: 29 Dec 2020 15:40

Instrument :
MSVOA_V
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VBLK301

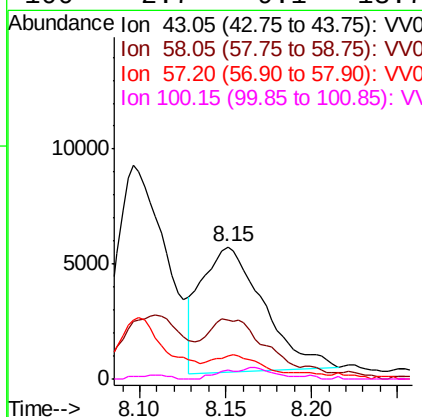
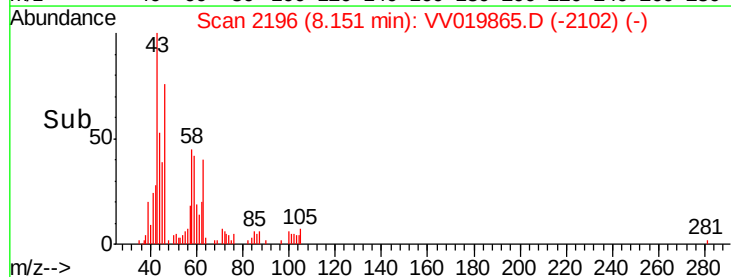
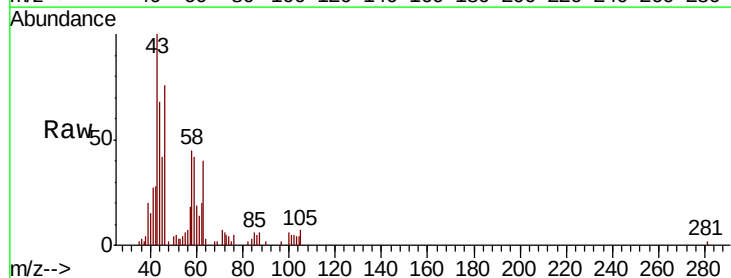
Tot Ion: 75 Resp: 3342
Ion Ratio Lower Upper
75 100
77 44.4 21.0 39.0#

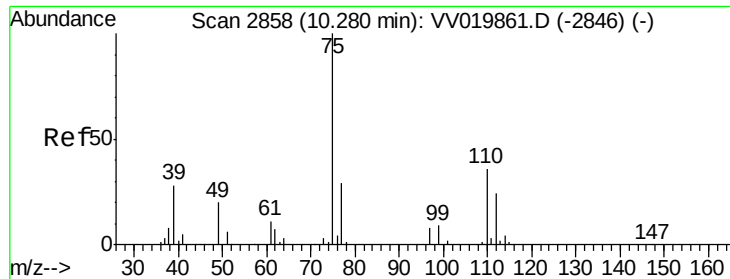


#48

2-Hexanone
Concen: 1.582 ug/L
RT: 8.15 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VV019865.D
Acq: 29 Dec 2020 15:40

Tgt Ion: 43 Resp: 13702
Ion Ratio Lower Upper
43 100
58 50.0 42.4 63.6
57 11.1 14.8 22.2#
100 2.7 9.1 13.7#





#61

1,2,3-Trichloropropane

Concen: 1.458 ug/L

RT: 11.26 min Scan# 3162

Delta R.T. 0.98 min

Lab File: VV019865.D

Acq: 29 Dec 2020 15:40

Instrument :

MSVOA_V

ClientSampleId :

VBLK301

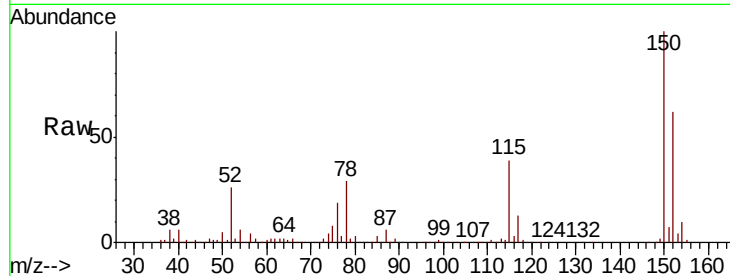
Tot Ion: 75 Resp: 17647

Ion Ratio Lower Upper

75 100

77 33.8 25.6 38.4

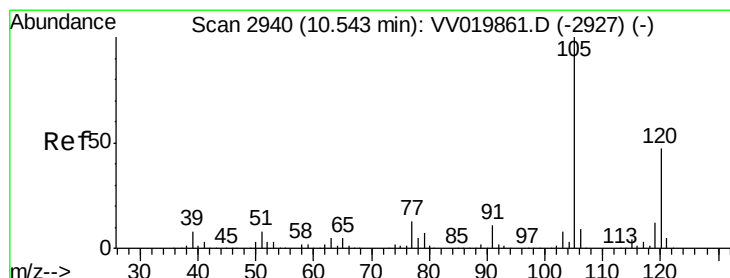
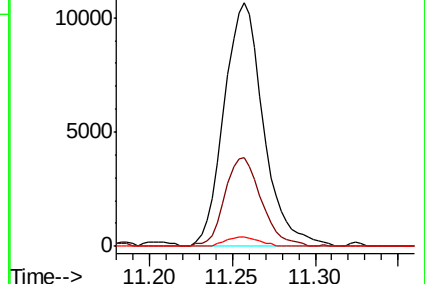
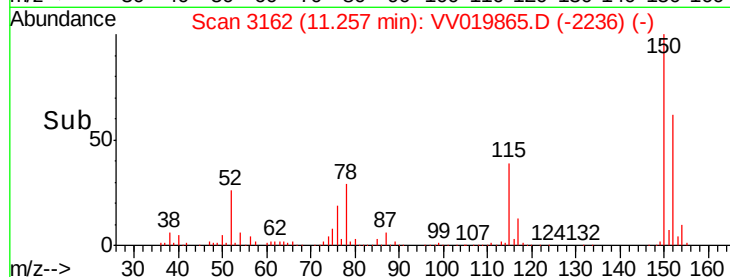
110 3.3 30.5 45.7#



Abundance Ion 75.00 (74.70 to 75.70): VV019865.D (-2846) (-)

Ion 77.00 (76.70 to 77.70): VV019865.D (-2846) (-)

Ion 110.00 (109.70 to 110.70): VV019865.D (-2846) (-)



#62

1,3,5-Trimethylbenzene

Concen: 0.007 ug/L

RT: 10.93 min Scan# 3060

Delta R.T. 0.39 min

Lab File: VV019865.D

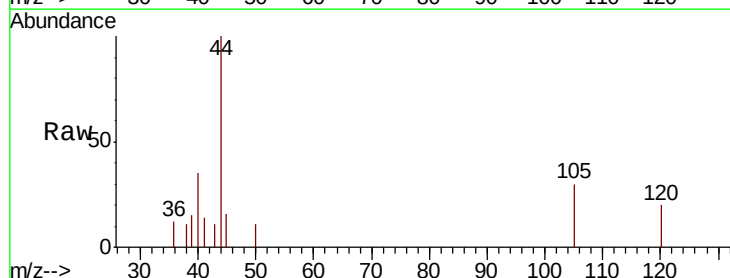
Acq: 29 Dec 2020 15:40

Tgt Ion: 105 Resp: 514

Ion Ratio Lower Upper

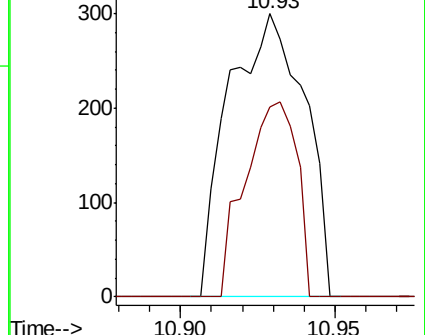
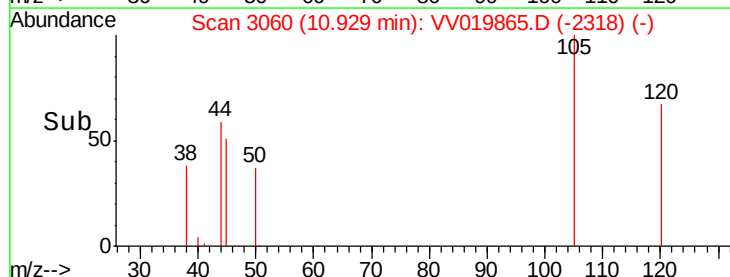
105 100

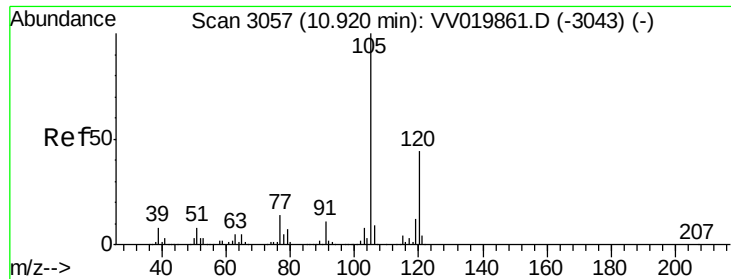
120 46.9 37.8 56.6



Abundance Ion 105.00 (104.70 to 105.70): VV019865.D (-2318) (-)

Ion 120.00 (119.70 to 120.70): VV019865.D (-2318) (-)





#63
 1,2,4-Trimethylbenzene
 Concen: 0.007 ug/L
 RT: 10.93 min Scan# 3060
 Delta R.T. 0.01 min
 Lab File: VV019865.D
 Acq: 29 Dec 2020 15:40

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK301

Tot Ion:105 Resp: 514
 Ion Ratio Lower Upper
 105 100
 120 46.9 34.9 52.3

