

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017496.D
 Acq On : 14 Jul 2020 20:26
 Operator : SY/MD
 Sample : L3281-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX4

Quant Time: Jul 15 03:08:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134002	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128572	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63177	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37707	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	30335	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.13	63	59483	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.92	46	85486	53.45	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.90%
24) Chloroform-d	4.38	84	79597	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	47329	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	143051	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.10	67	40172	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	130293	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
45) trans-1,3-Dichloropropene-	7.65	79	17886	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
48) 2-Hexanone-d5	8.11	63	57915	48.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28584	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	56421	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

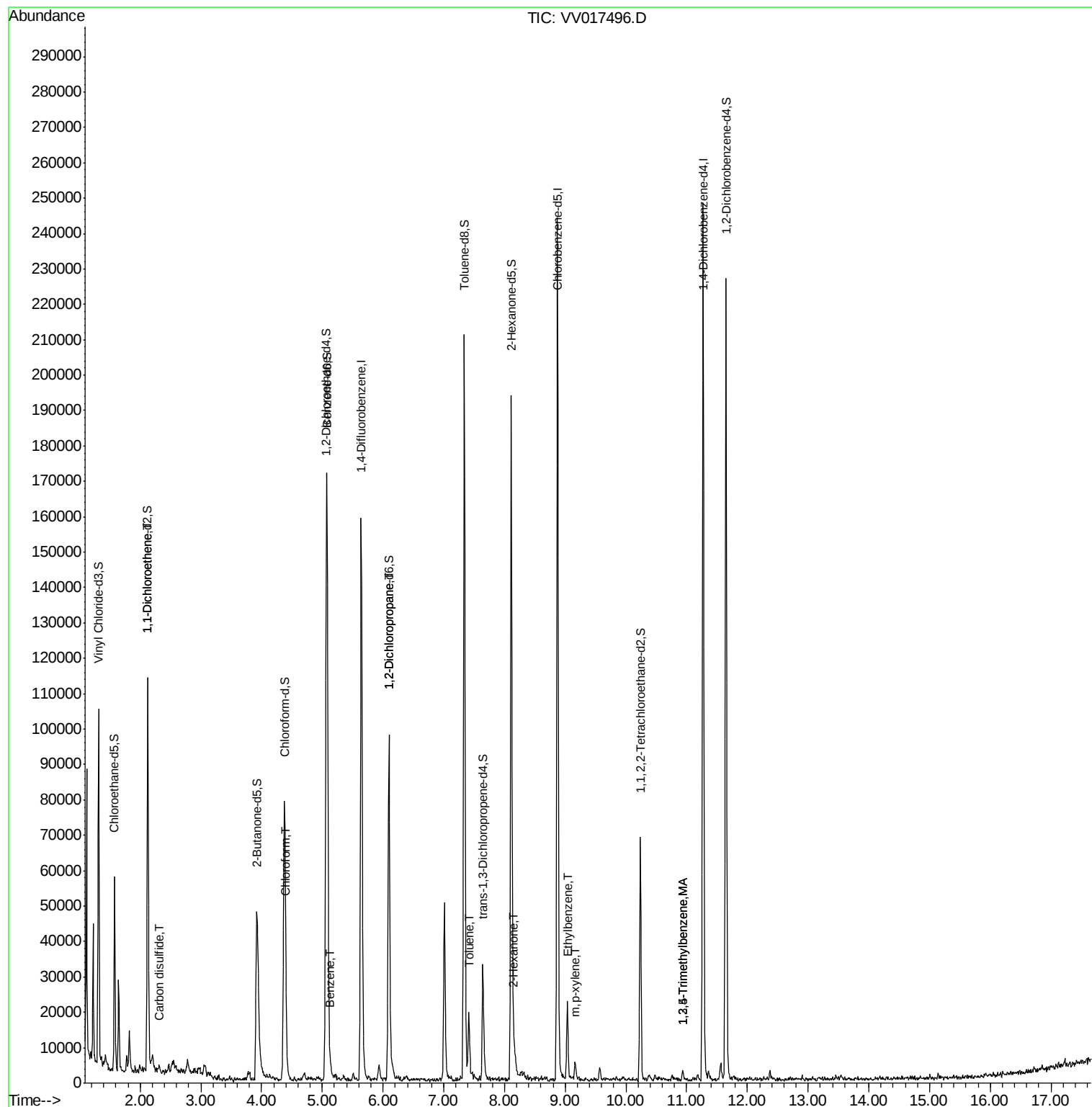
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.12	96	697	0.086	ug/L #	1
14) Carbon disulfide	2.31	76	1541	0.062	ug/L #	77
25) Chloroform	4.41	83	3556	0.197	ug/L	99
33) Benzene	5.14	78	3888	0.114	ug/L	100
37) 1,2-Dichloropropane	6.10	63	6200	0.783	ug/L #	84
42) Toluene	7.41	91	13972	0.370	ug/L	99
43) 1,3,5-Trimethylbenzene	10.94	105	1594	0.043	ug/L	96
44) 1,2,4-Trimethylbenzene	10.94	105	1594	0.043	ug/L	90
50) 2-Hexanone	8.16	43	2945	0.958	ug/L #	93
54) Ethylbenzene	9.04	91	13389	0.310	ug/L	96
55) m,p-xylene	9.16	106	1421	0.087	ug/L	96

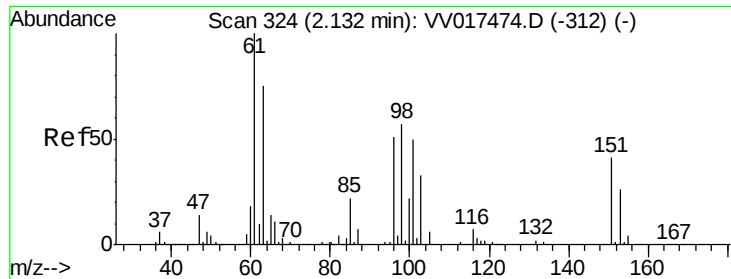
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017496.D

Acq: 14 Jul 2020 20:26

Instrument :

MSVOA_V

ClientSampled :

GAXX4

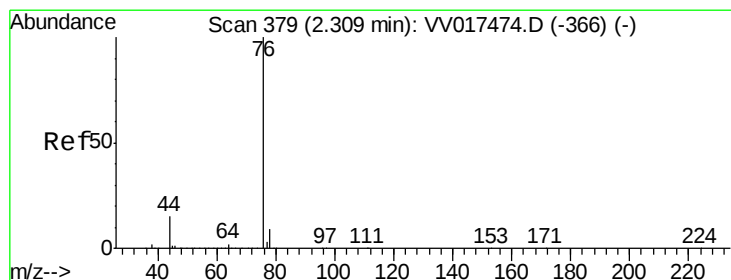
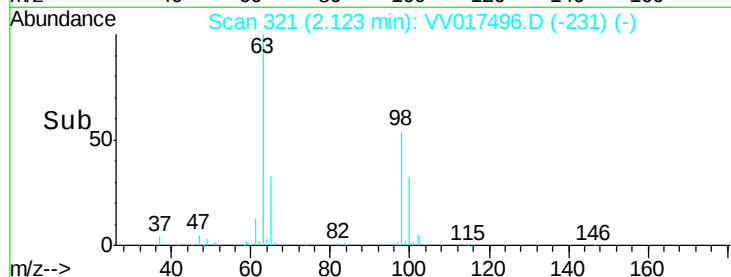
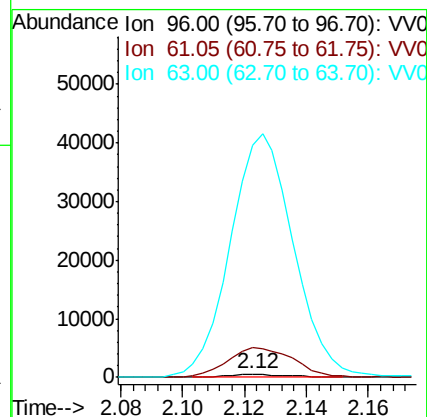
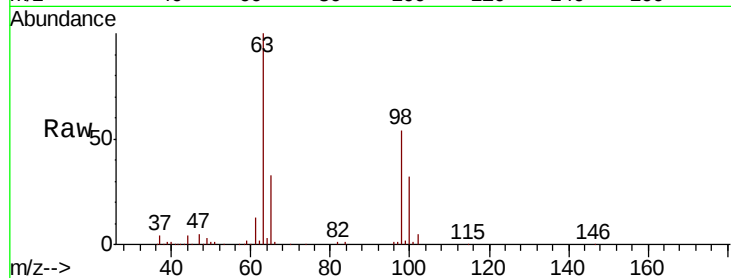
Tot Ion: 96 Resp: 697

Ion Ratio Lower Upper

96 100

61 926.8 137.2 254.8#

63 7351.7 103.6 192.4#



#14

Carbon disulfide

Concen: 0.062 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017496.D

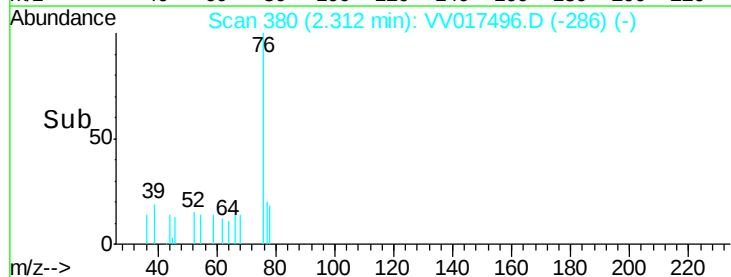
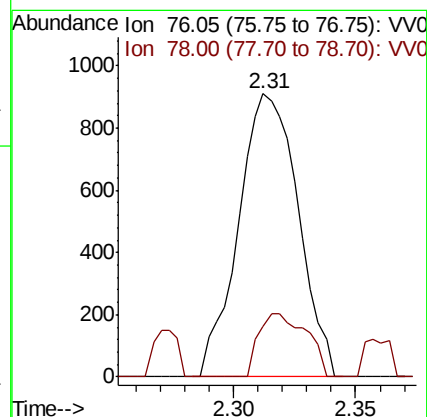
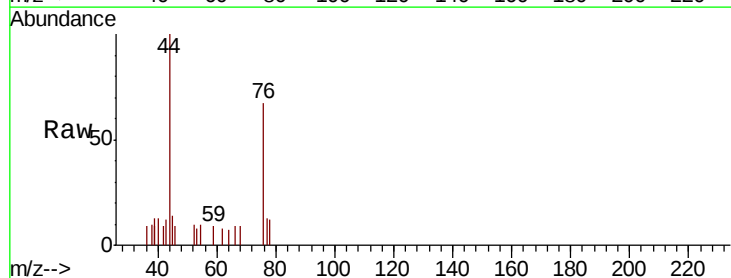
Acq: 14 Jul 2020 20:26

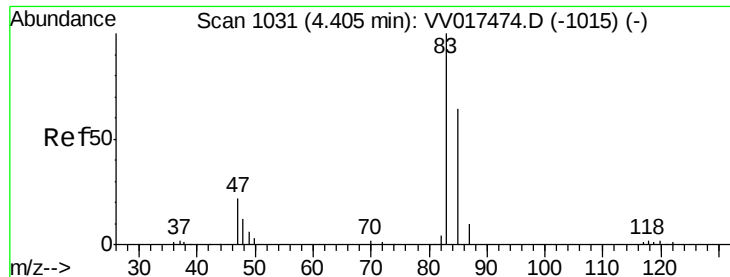
Tgt Ion: 76 Resp: 1541

Ion Ratio Lower Upper

76 100

78 17.9 7.5 11.3#

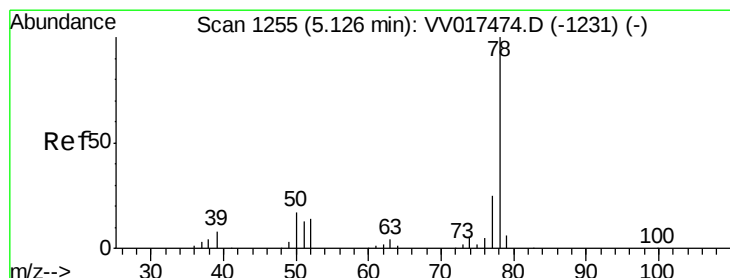
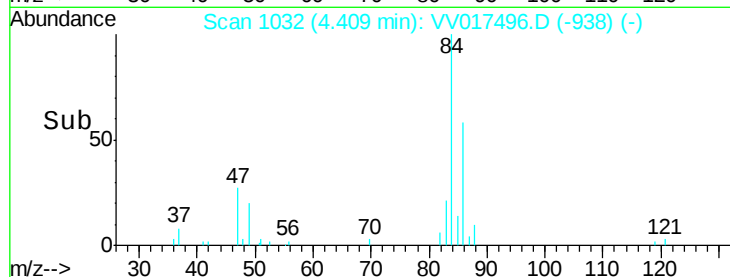
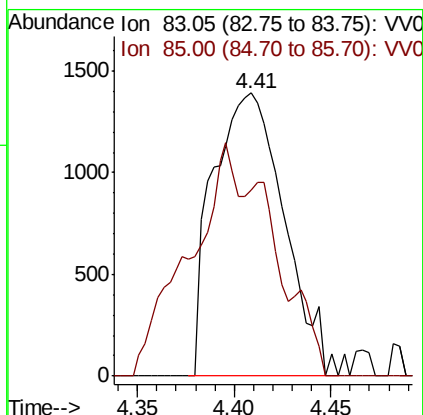
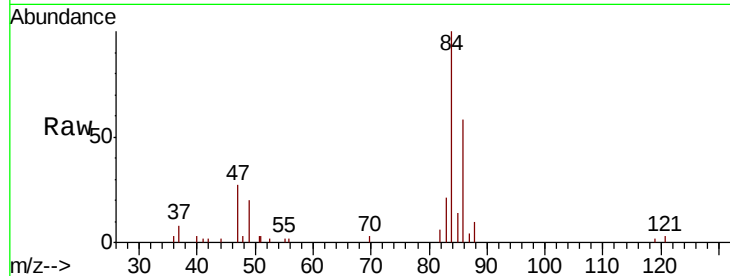




#25
Chloroform
Concen: 0.197 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV017496.D
Acq: 14 Jul 2020 20:26

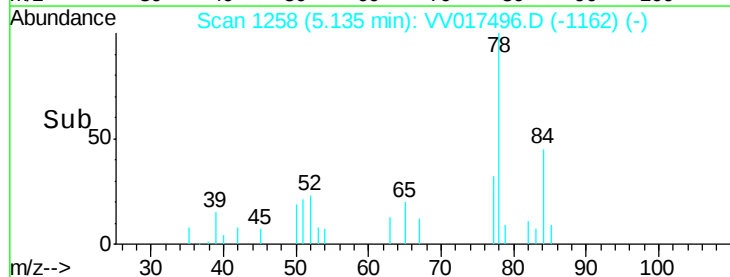
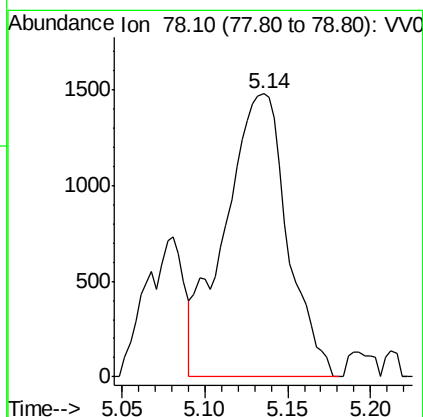
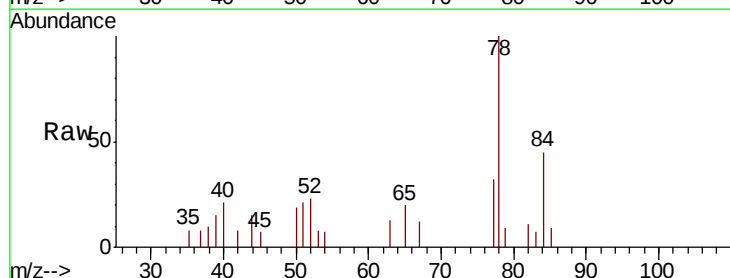
Instrument :
MSVOA_V
ClientSampled :
GAXX4

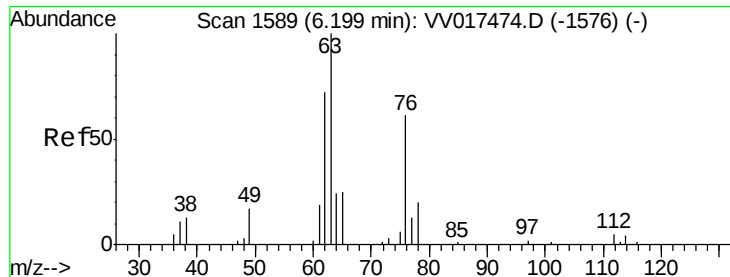
Tot Ion: 83 Resp: 3556
Ion Ratio Lower Upper
83 100
85 65.8 45.4 84.4



#33
Benzene
Concen: 0.114 ug/L
RT: 5.14 min Scan# 1258
Delta R.T. 0.01 min
Lab File: VV017496.D
Acq: 14 Jul 2020 20:26

Tgt Ion: 78 Resp: 3888

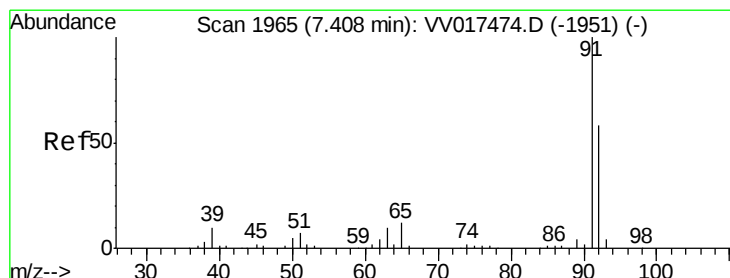
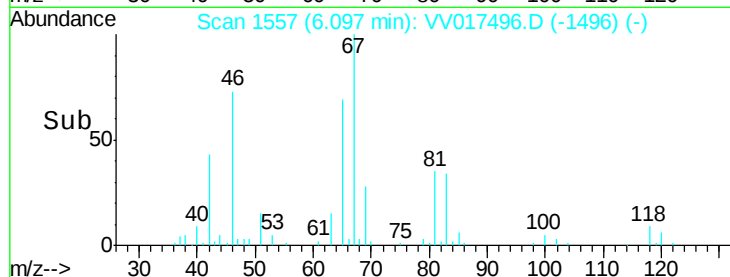
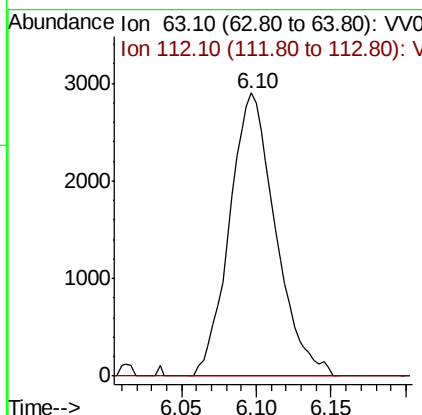
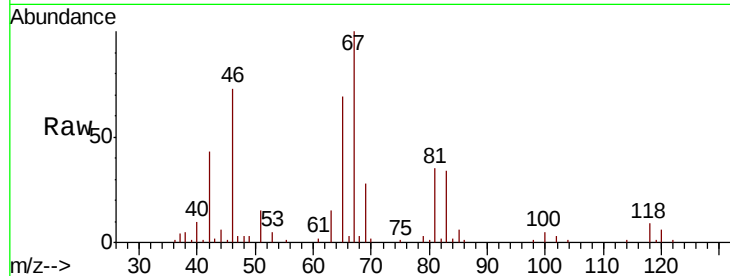




#37
 1,2-Dichloropropane
 Concen: 0.783 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017496.D
 Acq: 14 Jul 2020 20:26

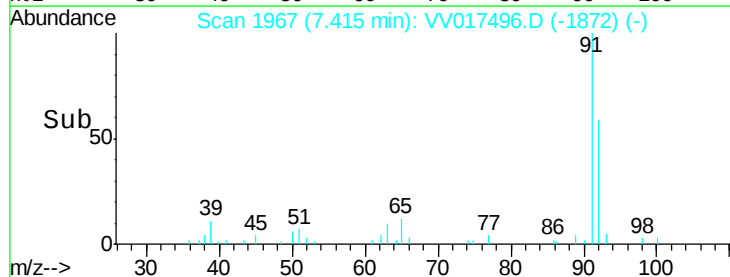
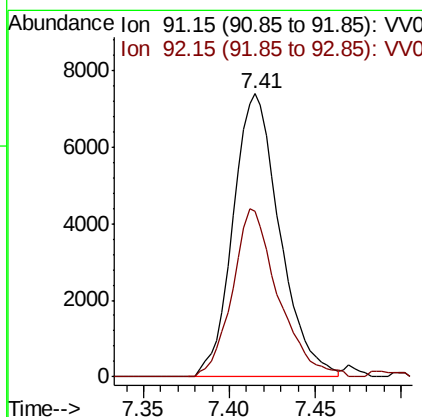
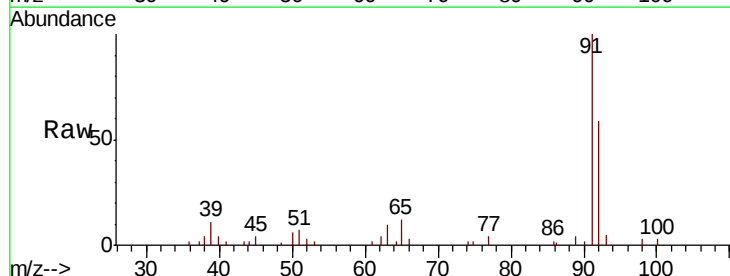
Instrument :
 MSVOA_V
 ClientSampled :
 GAXX4

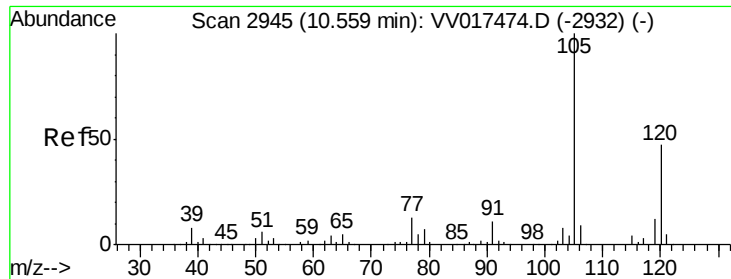
Tot Ion: 63 Resp: 6200
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.4 6.6#



#42
 Toluene
 Concen: 0.370 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV017496.D
 Acq: 14 Jul 2020 20:26

Tgt Ion: 91 Resp: 13972
 Ion Ratio Lower Upper
 91 100
 92 58.7 40.7 75.5

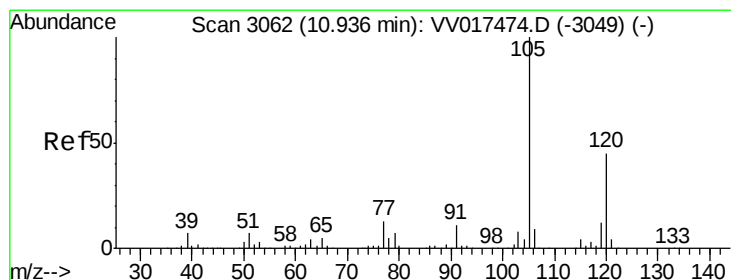
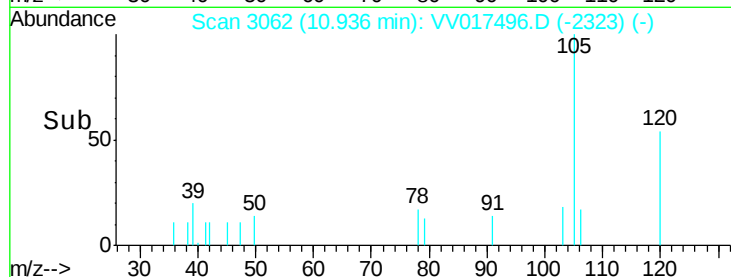
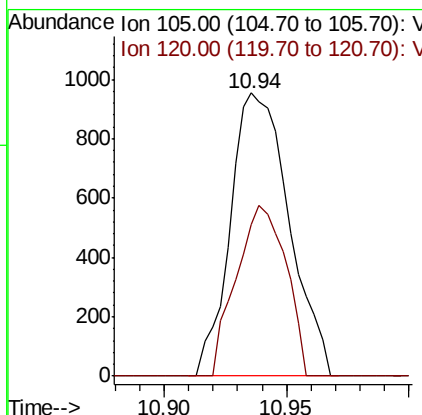
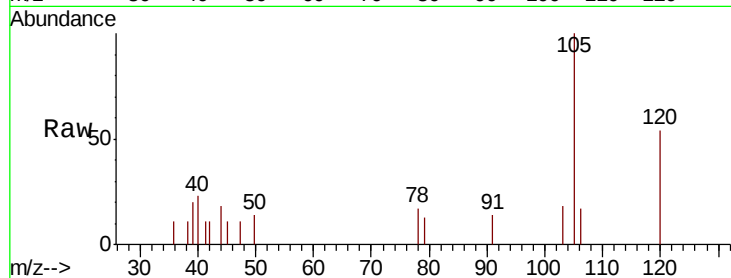




#43
 1,3,5-Trimethylbenzene
 Concen: 0.043 ug/L
 RT: 10.94 min Scan# 3062
 Delta R.T. 0.38 min
 Lab File: VV017496.D
 Acq: 14 Jul 2020 20:26

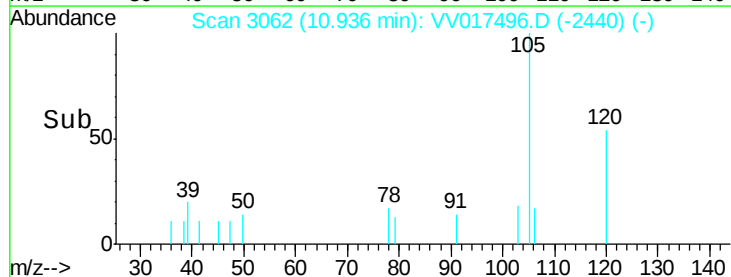
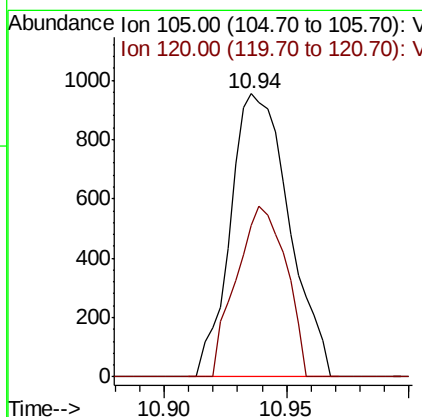
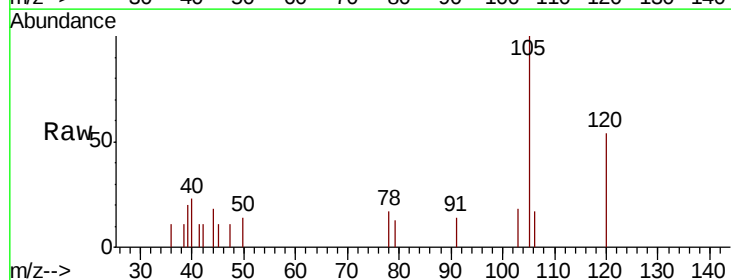
Instrument :
 MSVOA_V
 ClientSampled :
 GAXX4

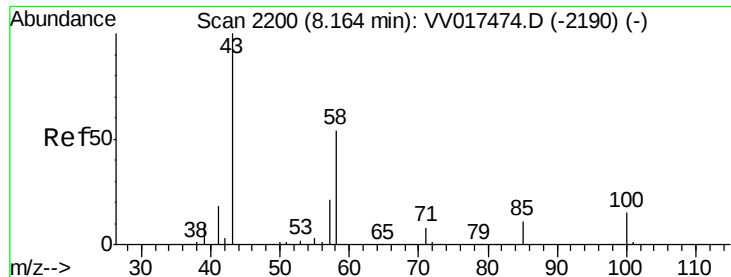
Tot Ion:105 Resp: 1594
 Ion Ratio Lower Upper
 105 100
 120 51.0 38.6 58.0



#44
 1,2,4-Trimethylbenzene
 Concen: 0.043 ug/L
 RT: 10.94 min Scan# 3062
 Delta R.T. 0.00 min
 Lab File: VV017496.D
 Acq: 14 Jul 2020 20:26

Tgt Ion:105 Resp: 1594
 Ion Ratio Lower Upper
 105 100
 120 51.0 35.6 53.4

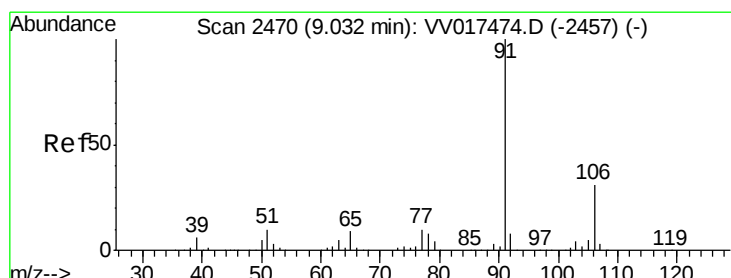
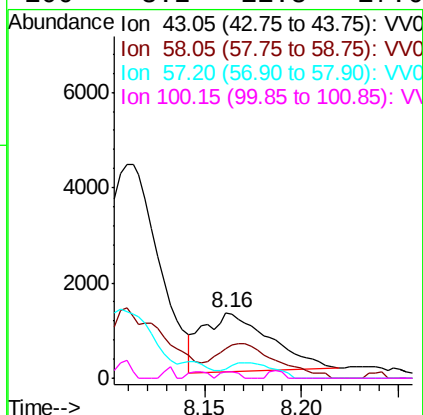
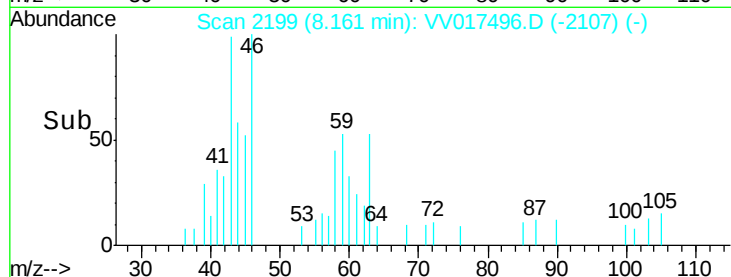
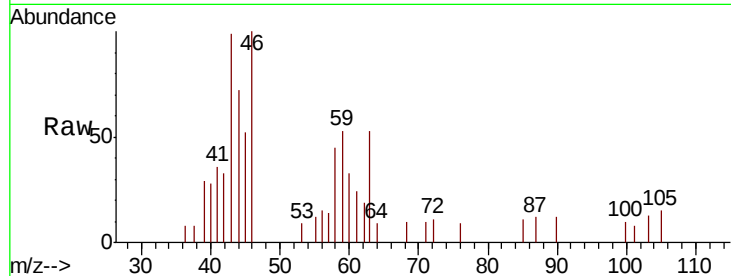




#50
2-Hexanone
Concen: 0.958 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VV017496.D
Acq: 14 Jul 2020 20:26

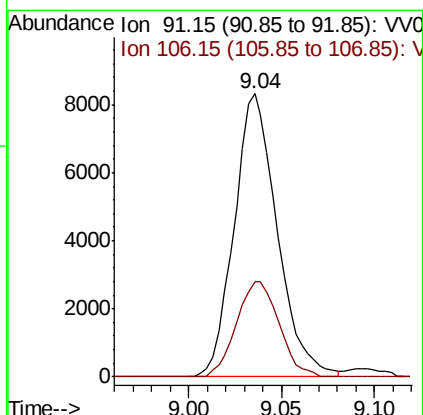
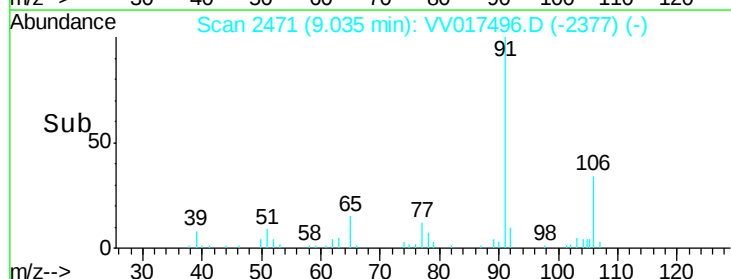
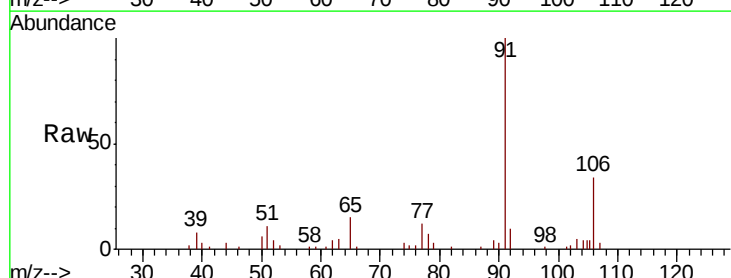
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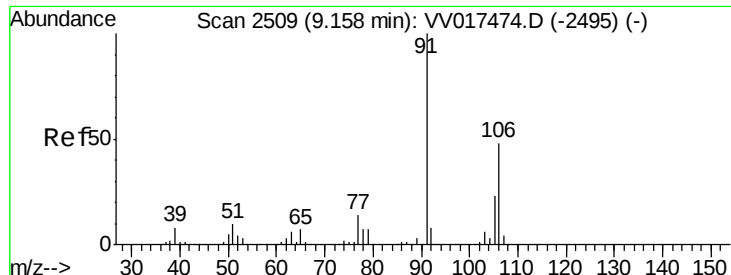
Tot Ion: 43 Resp: 2945
Ion Ratio Lower Upper
43 100
58 54.0 43.0 64.4
57 17.5 16.8 25.2
100 3.2 11.8 17.6#



#54
Ethylbenzene
Concen: 0.310 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV017496.D
Acq: 14 Jul 2020 20:26

Tgt Ion: 91 Resp: 13389
Ion Ratio Lower Upper
91 100
106 33.7 21.9 40.7





#55
 m,p-xylene
 Concen: 0.087 ug/L
 RT: 9.16 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: VV017496.D
 Acq: 14 Jul 2020 20:26

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX4

Tot Ion:106 Resp: 1421
 Ion Ratio Lower Upper
 106 100
 91 212.6 144.2 267.8

