

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018535.D
 Acq On : 29 Sep 2020 23:00
 Operator : SY/MD
 Sample : L4149-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3R0

Quant Time: Sep 30 04:53:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	403373	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	388343	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	199825	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106383	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.94%
7) Chloroethane-d5	1.58	69	99150	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.38%
11) 1,1-Dichloroethene-d2	2.12	63	171958	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
21) 2-Butanone-d5	3.91	46	177220	100.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.43%
24) Chloroform-d	4.38	84	231819	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.06	65	156999	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.68%
32) Benzene-d6	5.08	84	484884	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
36) 1,2-Dichloropropane-d6	6.09	67	149447	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.56%
41) Toluene-d8	7.34	98	441603	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%
43) trans-1,3-Dichloropropene-	7.64	79	72359	45.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.14%
47) 2-Hexanone-d5	8.11	63	96511	85.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.49%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170210	43.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	194497	50.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.22%

Target Compounds

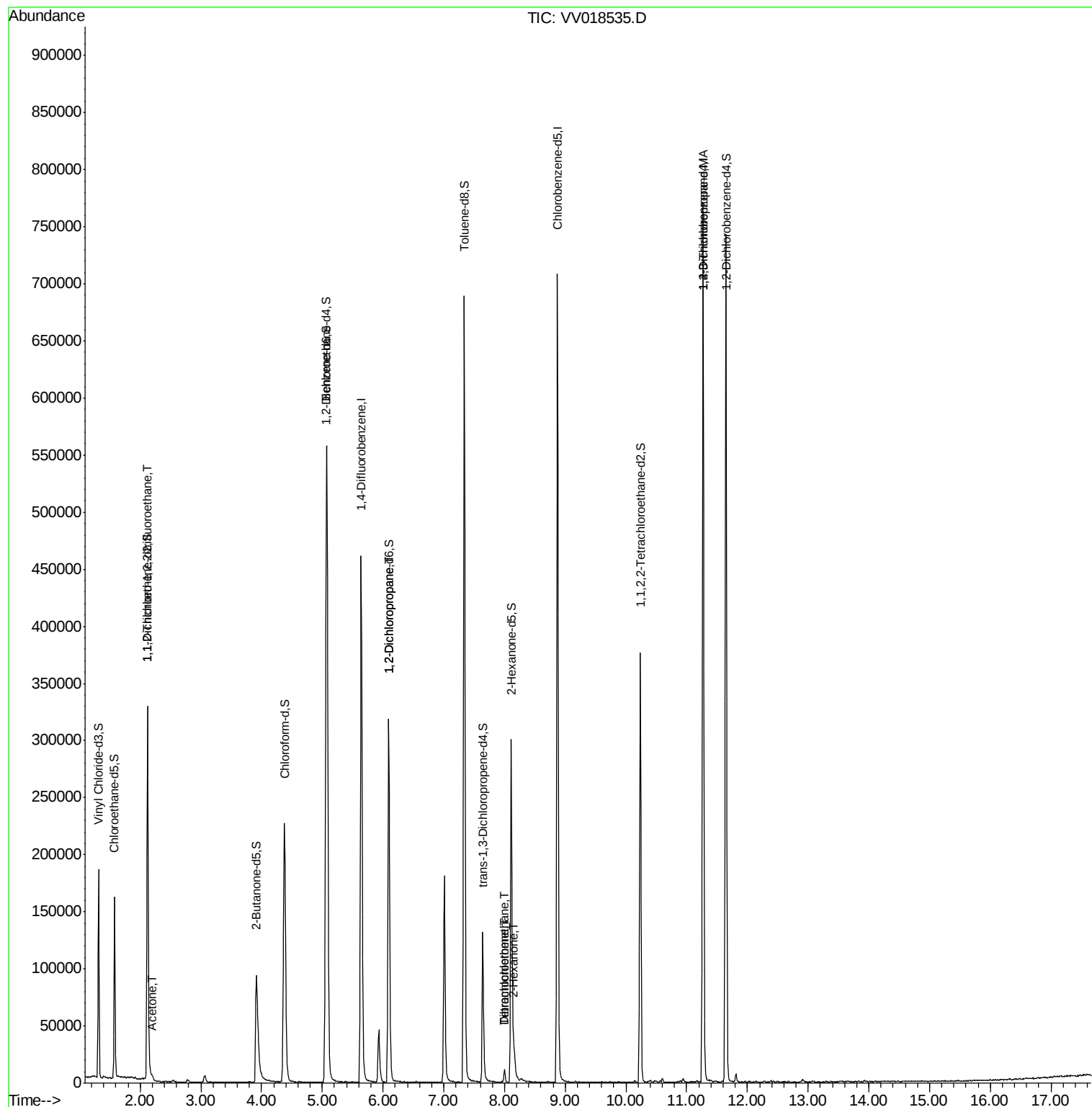
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1764	0.672	ug/L #	17
13) Acetone	2.20	43	6154	4.037	ug/L	98
37) 1,2-Dichloropropane	6.09	63	17201	5.876	ug/L #	85
46) Tetrachloroethene	8.00	164	2741	1.020	ug/L	93
48) 2-Hexanone	8.16	43	15301	5.192	ug/L #	48
49) Dibromochloromethane	8.00	129	2487	0.750	ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	21611	6.070	ug/L	90

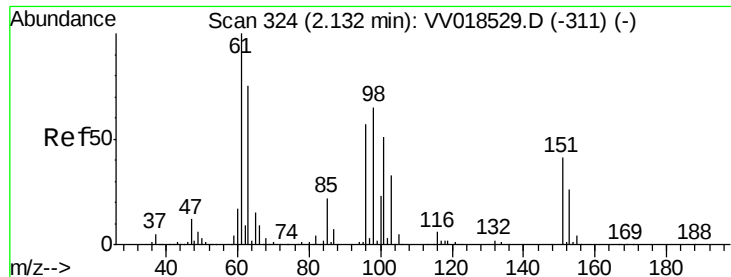
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 30 04:50:47 2020
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#10

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

Concen: 0.672 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018535.D

Acq: 29 Sep 2020 23:00

Instrument :

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ClientSampleId :

BG3R0

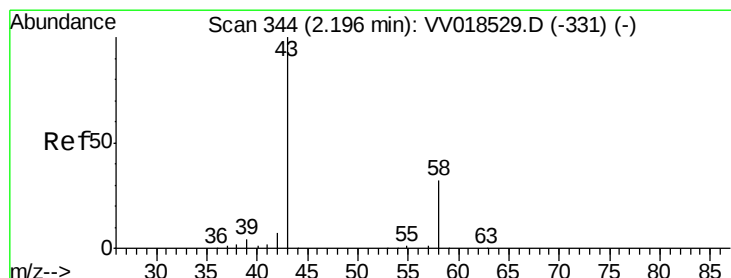
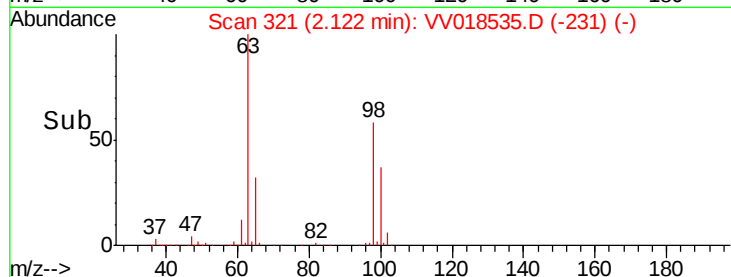
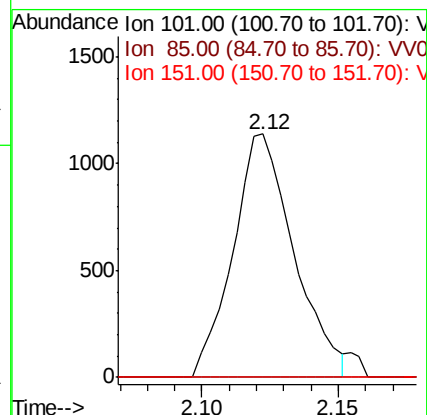
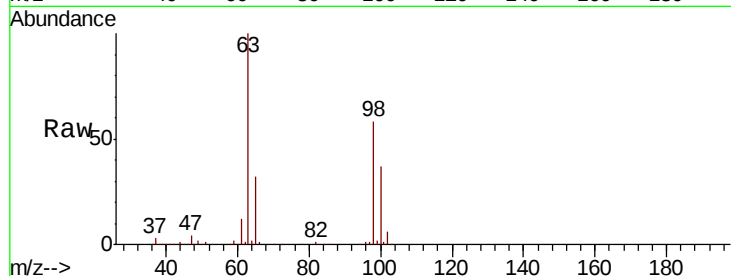
Tot Ion:101 Resp: 1764

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 64.3 96.5#



#13

Acetone

Concen: 4.037 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV018535.D

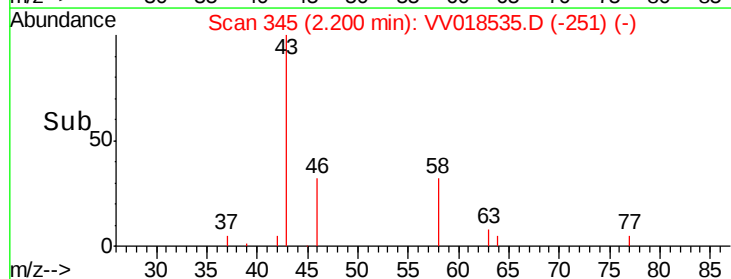
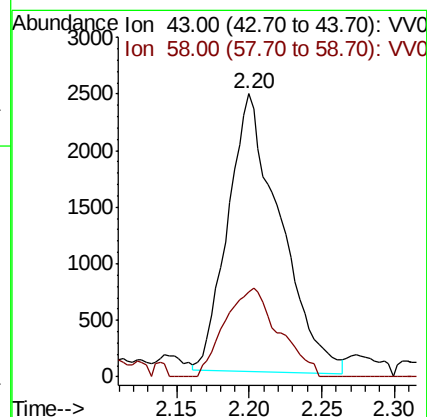
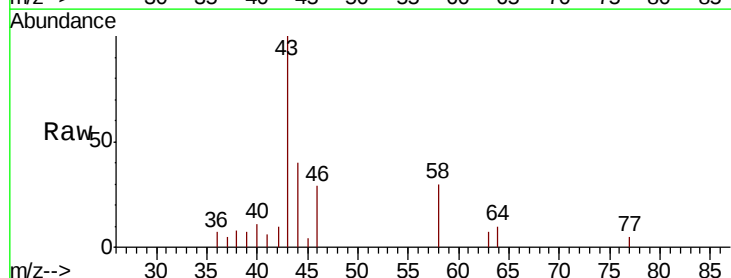
Acq: 29 Sep 2020 23:00

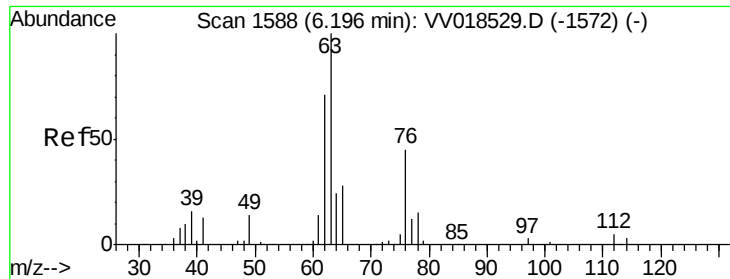
Tgt Ion: 43 Resp: 6154

Ion Ratio Lower Upper

43 100

58 33.0 0.0 64.0

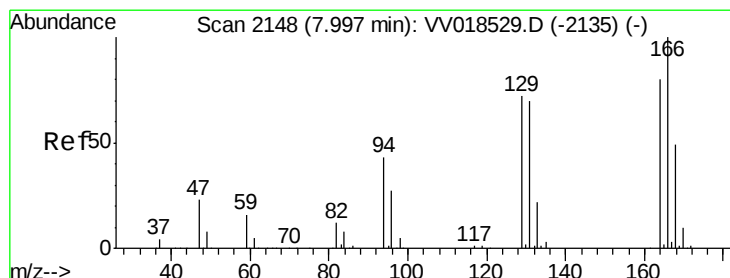
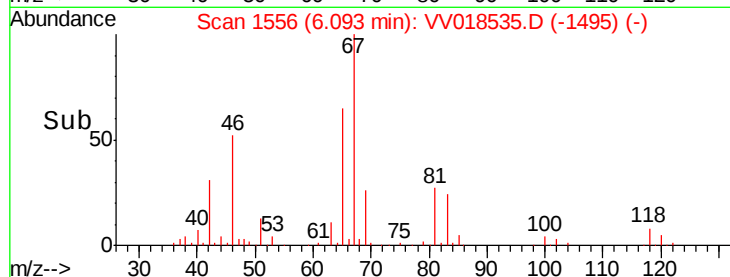
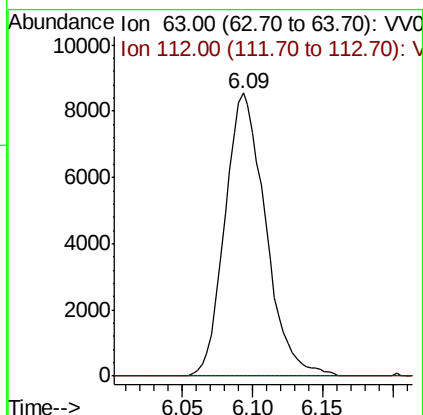
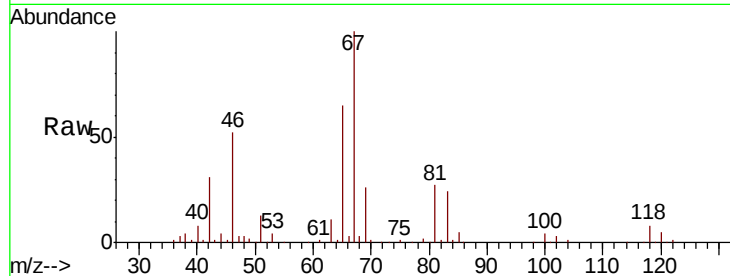




#37
 1,2-Dichloropropane
 Concen: 5.876 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018535.D
 Acq: 29 Sep 2020 23:00

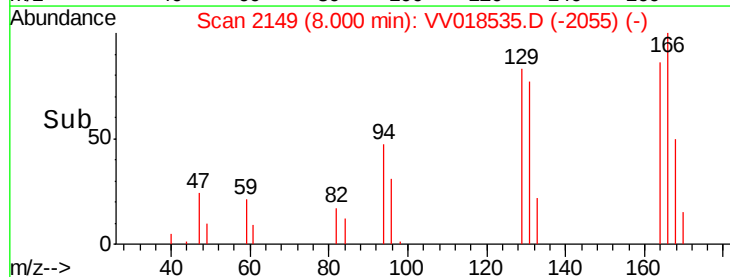
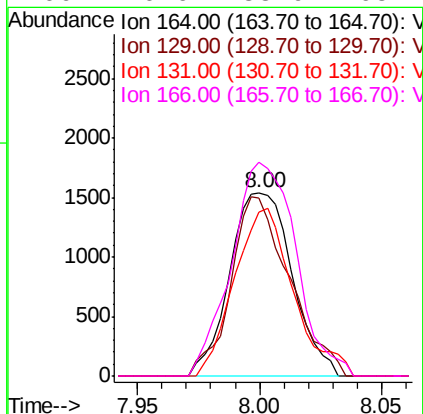
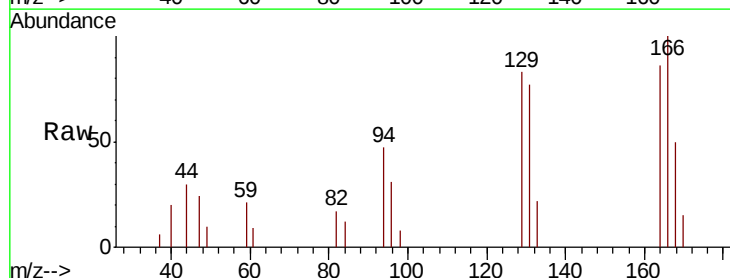
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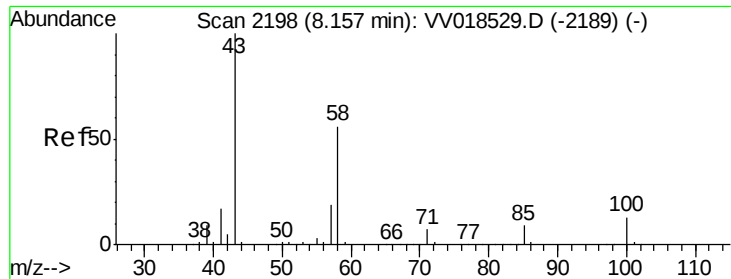
Tot Ion: 63 Resp: 17201
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#46
 Tetrachloroethene
 Concen: 1.020 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV018535.D
 Acq: 29 Sep 2020 23:00

Tgt Ion: 164 Resp: 2741
 Ion Ratio Lower Upper
 164 100
 129 97.3 62.8 116.6
 131 89.5 60.8 112.8
 166 116.6 88.9 165.1

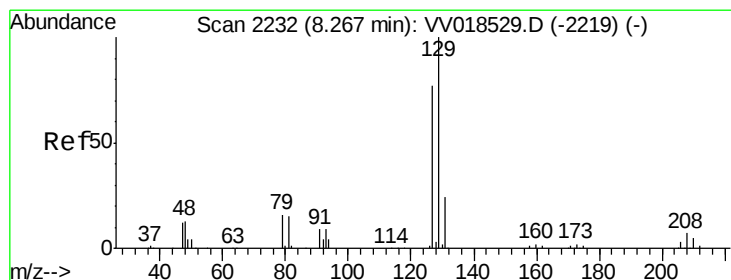
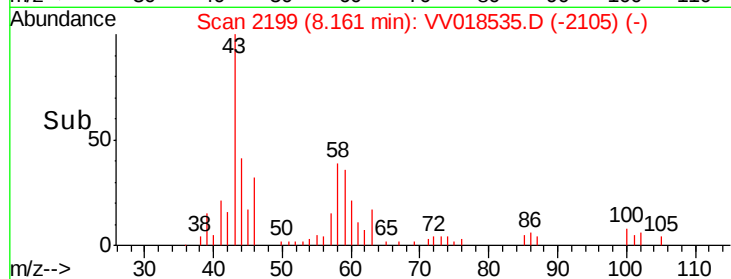
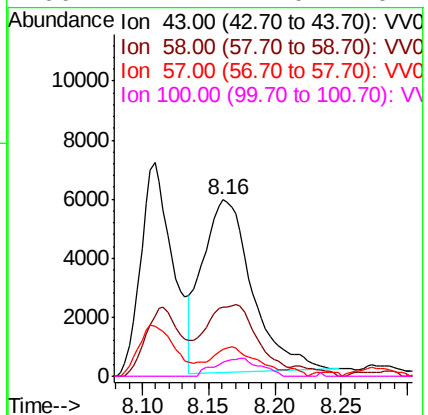
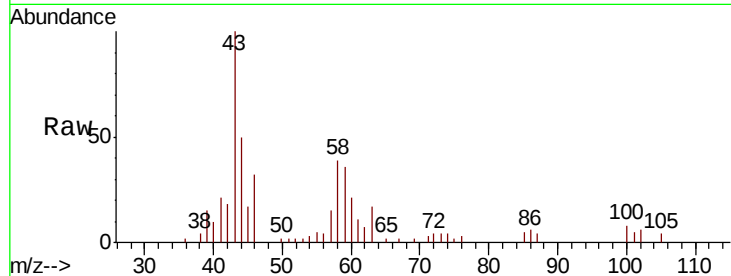




#48
2-Hexanone
Concen: 5.192 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018535.D
Acq: 29 Sep 2020 23:00

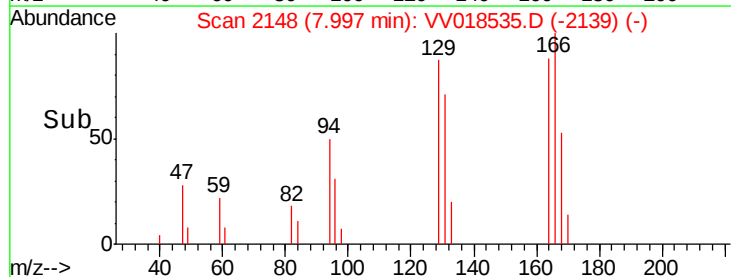
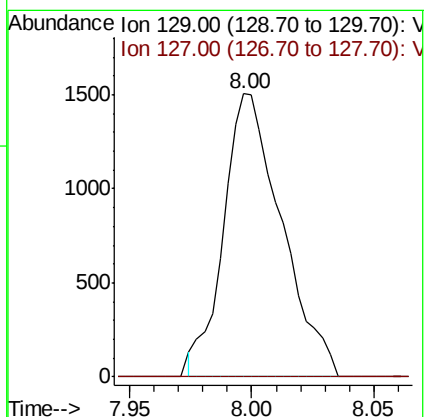
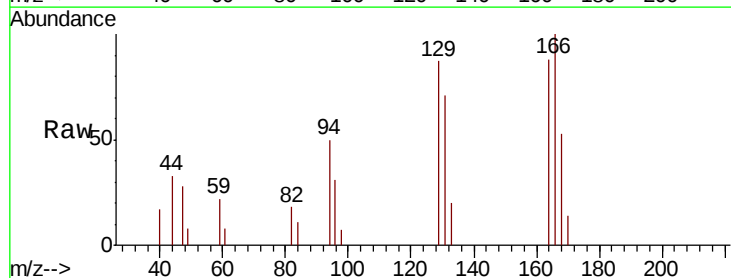
Instrument :
MSVOA_V
ClientSampleId :
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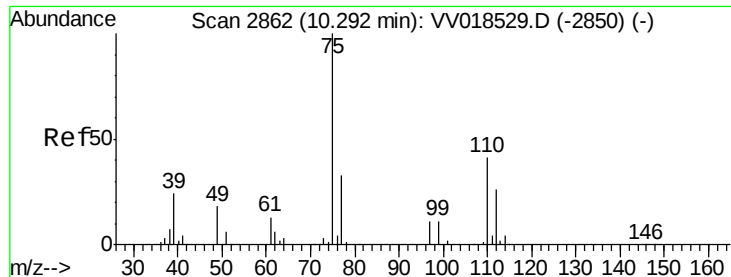
Tot Ion: 43 Resp: 15301
Ion Ratio Lower Upper
43 100
58 6.5 45.1 67.7#
57 11.2 15.7 23.5#
100 1.4 11.0 16.4#



#49
Dibromochloromethane
Concen: 0.750 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV018535.D
Acq: 29 Sep 2020 23:00

Tgt Ion: 129 Resp: 2487
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59
 1,2,3-Trichloropropane
 Concen: 6.070 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018535.D
 Acq: 29 Sep 2020 23:00

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3R0

Tot Ion: 75 Resp: 21611
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.4 38.0

