

Data File : VV015159.D
Acq On : 26 Mar 2020 01:22
Operator : SY/MD
Sample : L1968-14 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DF1

Quant Time: Mar 26 04:25:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 26 02:00:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	604556	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	593098	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	269634	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	209754	41.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	196842	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.98%
11) 1,1-Dichloroethene-d2	2.12	63	343891	34.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.06%
21) 2-Butanone-d5	3.94	46	298631	90.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.03%
24) Chloroform-d	4.38	84	366647	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
26) 1,2-Dichloroethane-d4	5.06	65	249343	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.66%
32) Benzene-d6	5.08	84	748914	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.58%
36) 1,2-Dichloropropane-d6	6.09	67	239202	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.14%
41) Toluene-d8	7.34	98	722228	44.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.38%
43) trans-1,3-Dichloropropene-	7.64	79	113515	38.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.38%
47) 2-Hexanone-d5	8.12	63	235791	86.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	342319	42.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	69	0.01	ug/L	0.20
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.02%#

Target Compounds

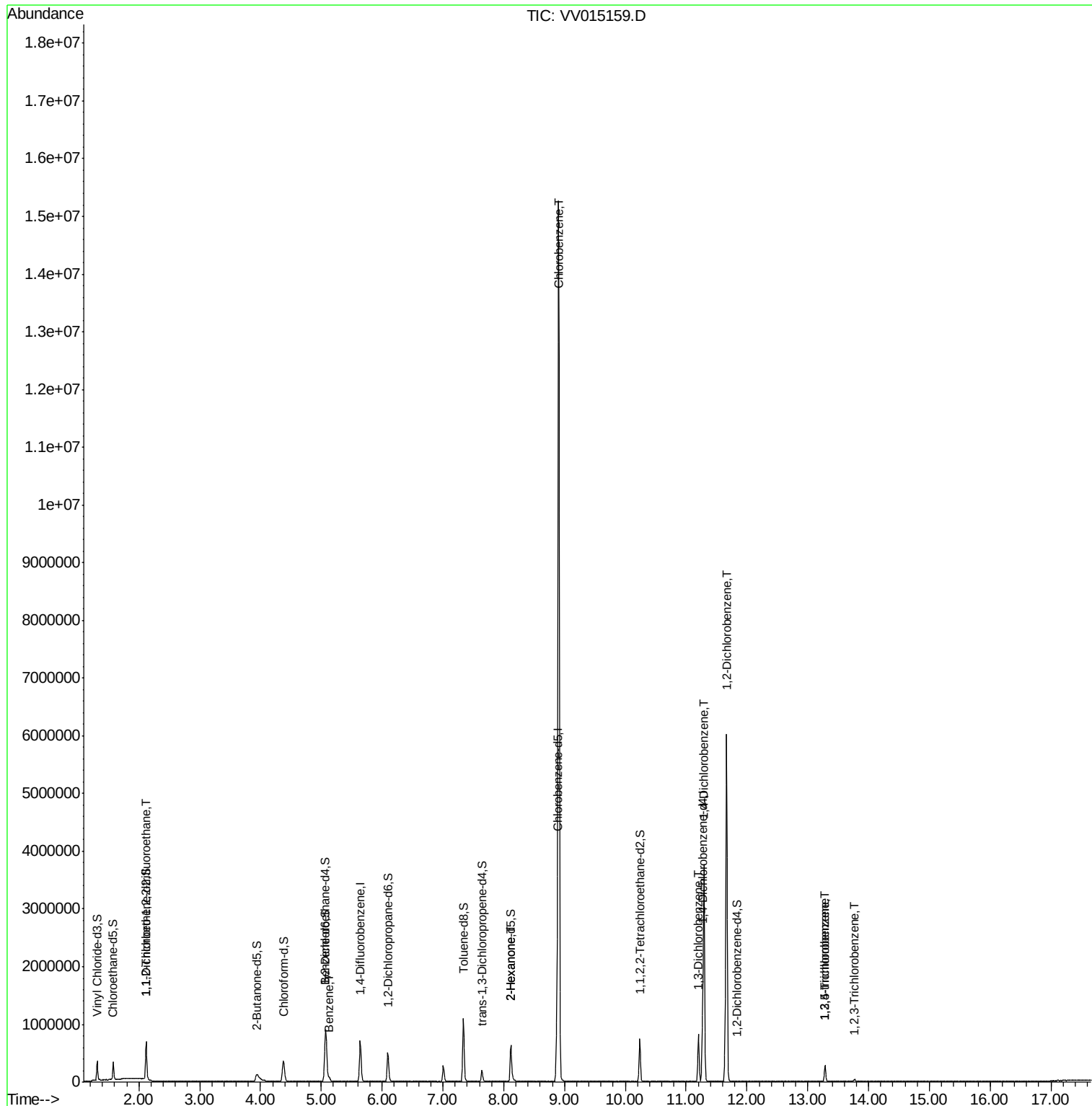
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3611	0.855	ug/L #	28
33) Benzene	5.13	78	68621	4.496	ug/L	100
48) 2-Hexanone	8.12	43	28488	6.401	ug/L #	78
51) Chlorobenzene	8.90	112	7589832	689.776	ug/L	96
62) 1,3-Dichlorobenzene	11.20	146	298958	37.856	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	1342989	166.923	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	2106402	264.366	ug/L	98
67) 1,3,5-Trichlorobenzene	13.29	180	75011	14.095	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	75011	14.970	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	10436	2.096	ug/L	88

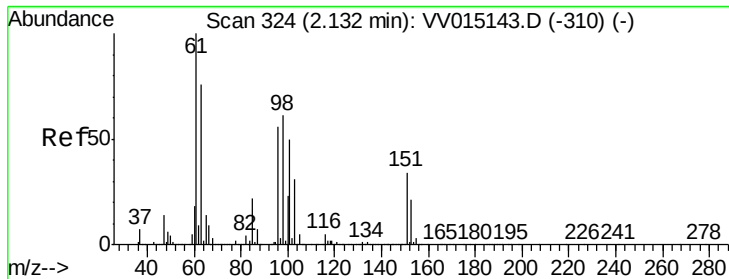
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.855 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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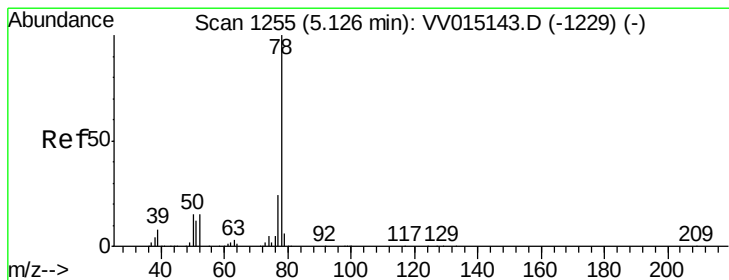
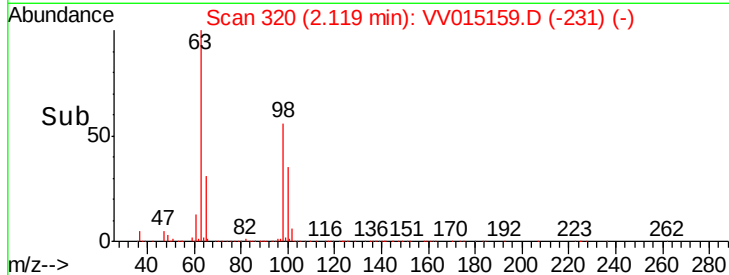
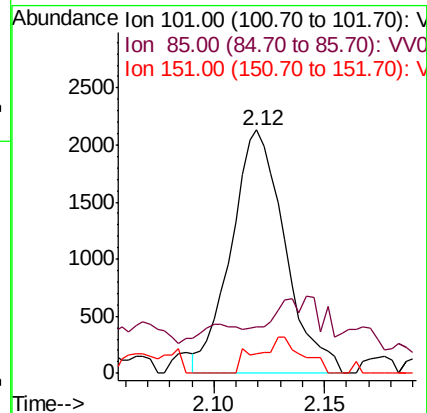
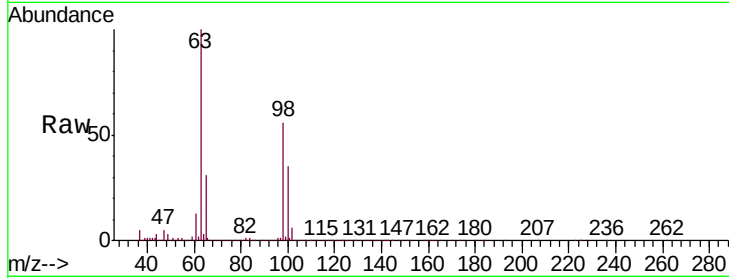
Instrument :

MSVOA_V

ClientSampleId :

C0DF1

Tgt Ion:	101	Resp:	3611
Ion	Ratio	Lower	Upper
101	100		
85	8.2	36.0	54.0#
151	2.1	56.2	84.2#



#33

Benzene

Concen: 4.496 ug/L

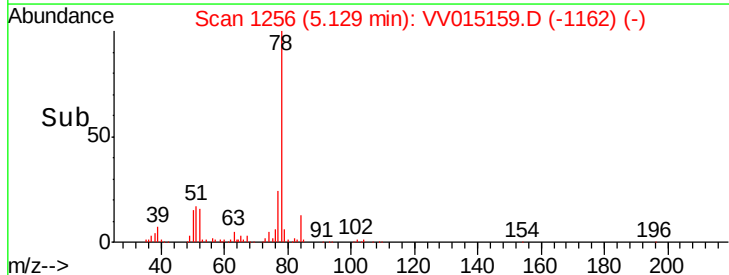
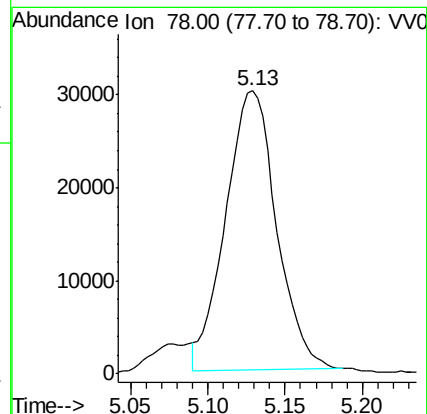
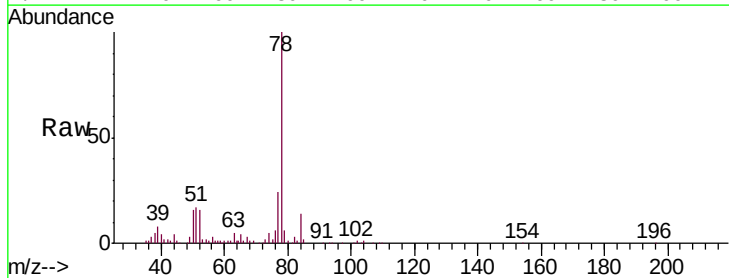
RT: 5.13 min Scan# 1256

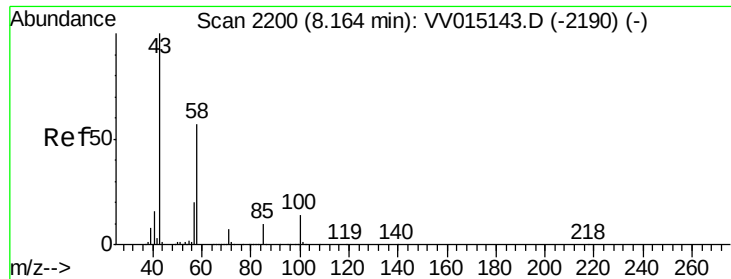
Delta R.T. 0.00 min

Lab File: VV015159.D

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Tgt Ion: 78 Resp: 68621

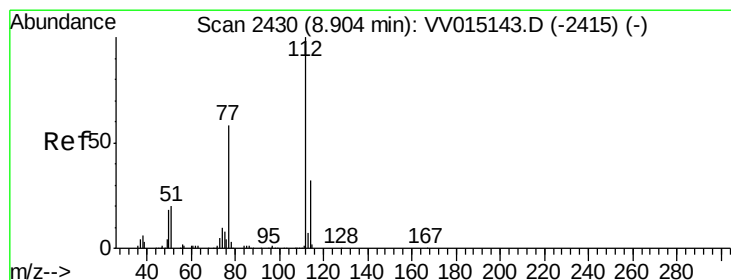
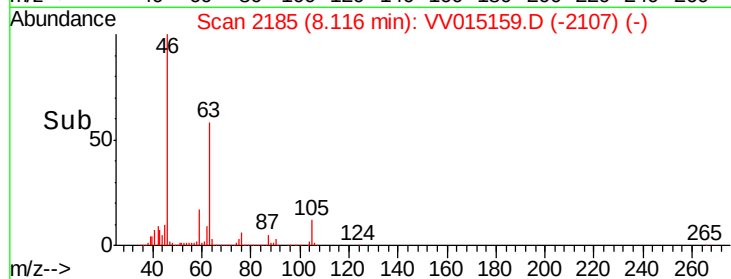
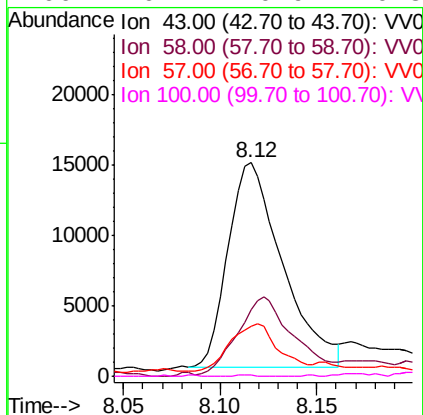
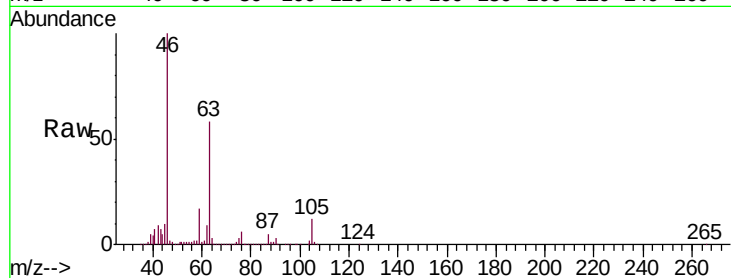




#48
2-Hexanone
Concen: 6.401 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015159.D
Acq: 26 Mar 2020 01:22

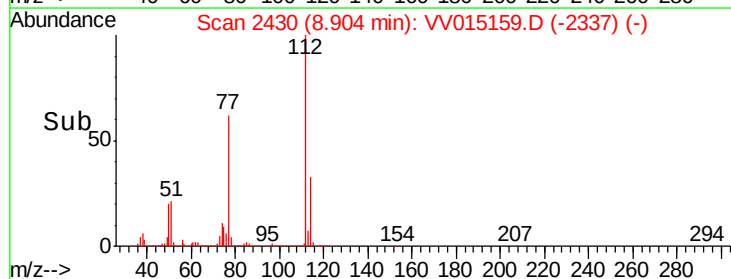
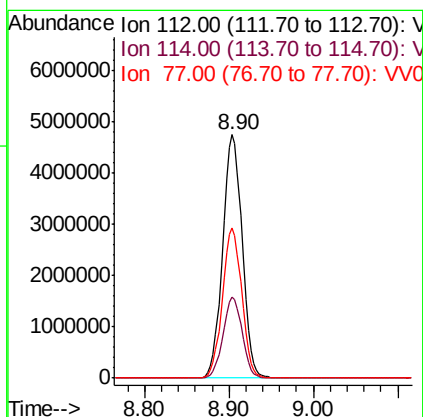
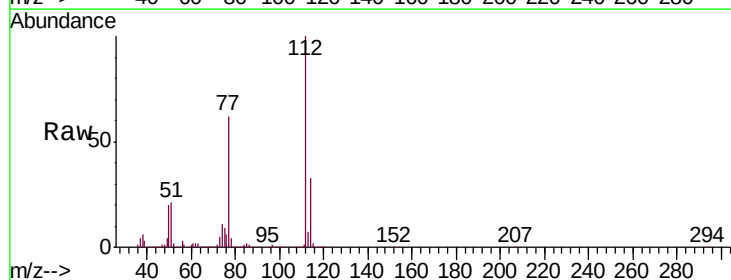
Instrument :
MSVOA_V
ClientSampleId :
C0DF1

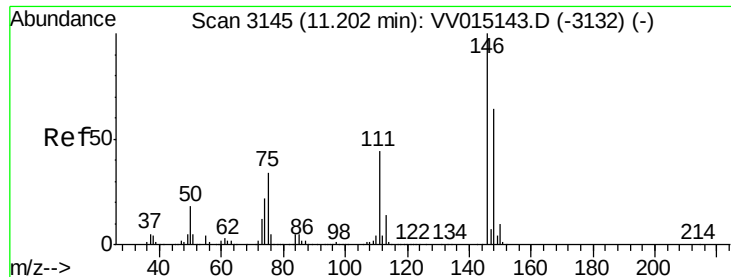
Tgt Ion:	43	Resp:	28488
Ion	Ratio	Lower	Upper
43	100		
58	38.9	47.0	70.6#
57	19.6	16.5	24.7
100	0.2	10.9	16.3#



#51
Chlorobenzene
Concen: 689.776 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015159.D
Acq: 26 Mar 2020 01:22

Tgt Ion:	112	Resp:	7589832
Ion	Ratio	Lower	Upper
112	100		
114	33.2	22.0	40.8
77	61.8	47.2	70.8





#62

1,3-Dichlorobenzene

Concen: 37.856 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015159.D

Acq: 26 Mar 2020 01:22

Instrument :

MSVOA_V

ClientSampleId :

C0DF1

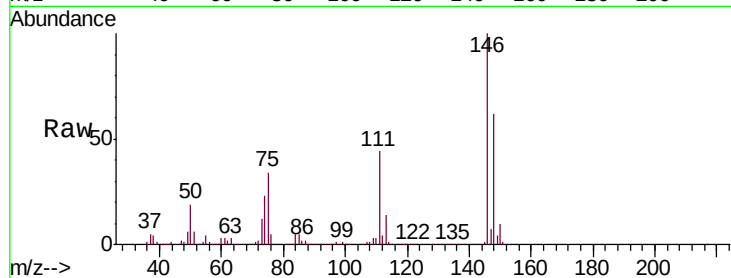
Tgt Ion:146 Resp: 298958

Ion Ratio Lower Upper

146 100

111 44.4 29.3 54.5

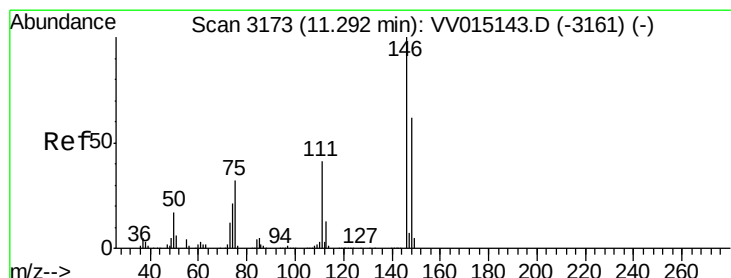
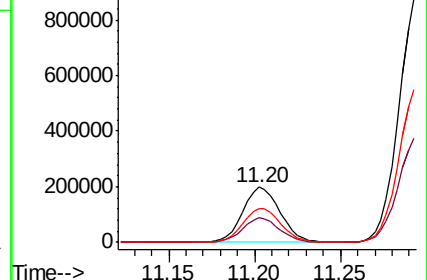
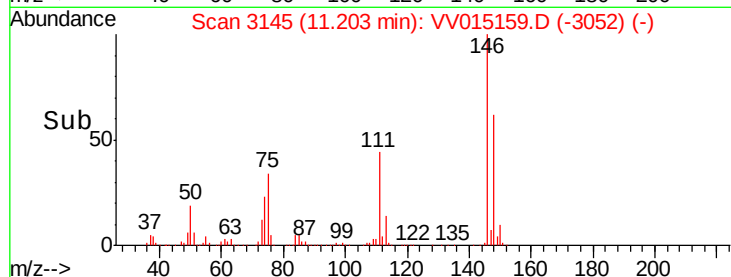
148 62.3 44.7 82.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 166.923 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015159.D

Acq: 26 Mar 2020 01:22

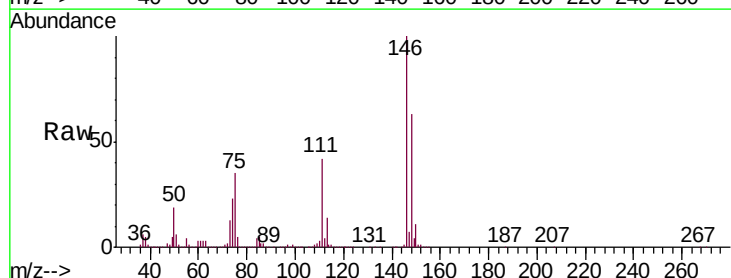
Tgt Ion:146 Resp: 1342989

Ion Ratio Lower Upper

146 100

111 42.1 28.4 52.8

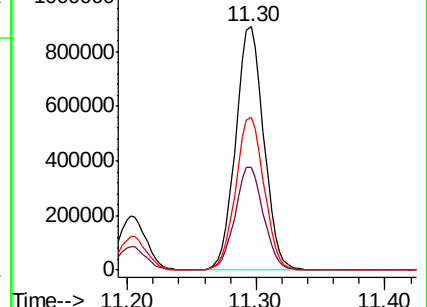
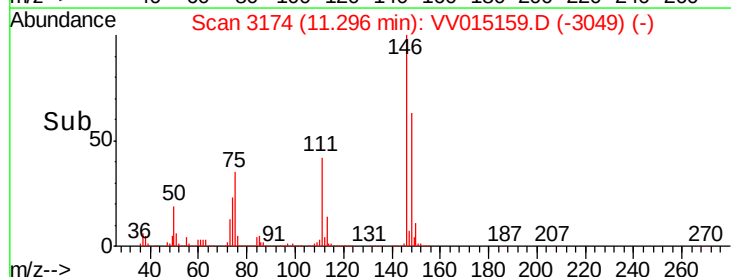
148 62.8 44.0 81.8

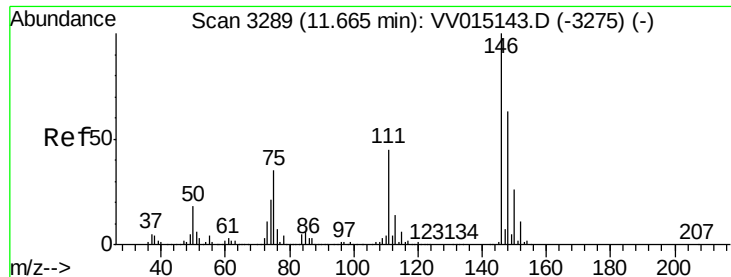


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

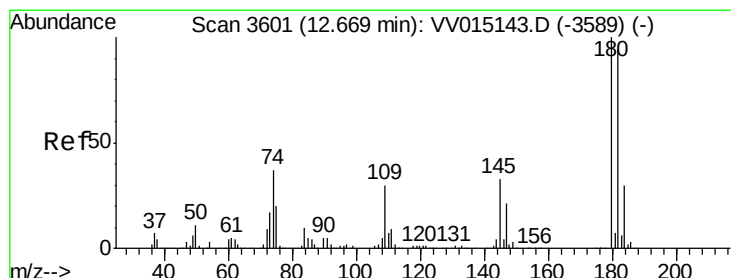
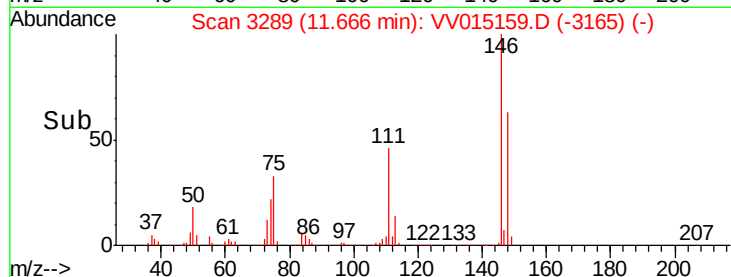
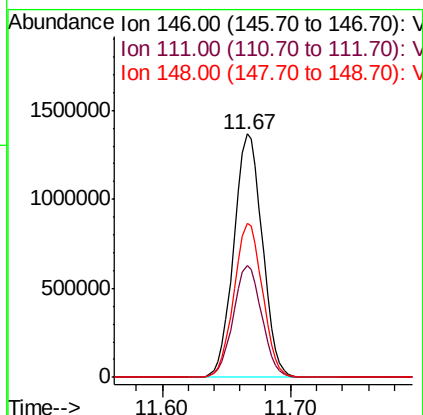
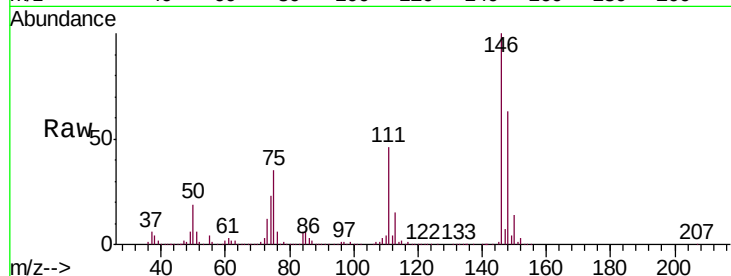




#65
 1,2-Dichlorobenzene
 Concen: 264.366 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015159.D
 Acq: 26 Mar 2020 01:22

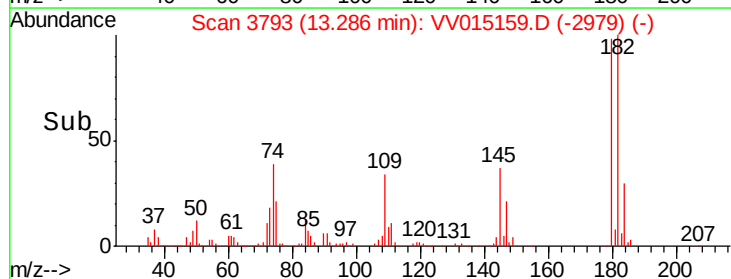
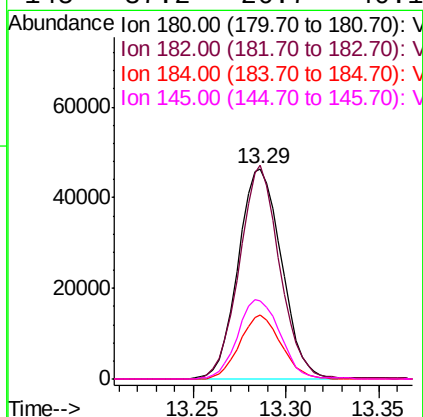
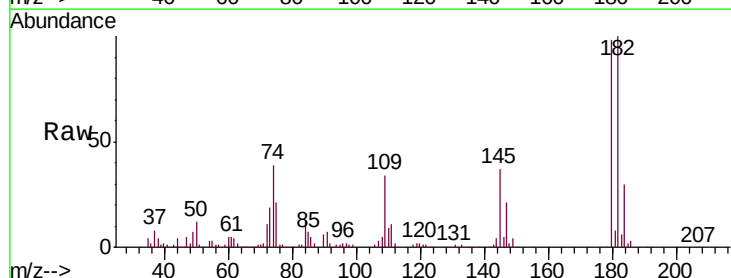
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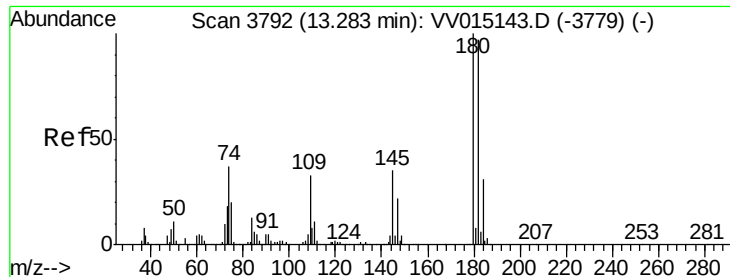
Tgt Ion:146 Resp: 2106402
 Ion Ratio Lower Upper
 146 100
 111 46.1 35.4 53.2
 148 63.3 49.7 74.5



#67
 1,3,5-Trichlorobenzene
 Concen: 14.095 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015159.D
 Acq: 26 Mar 2020 01:22

Tgt Ion:180 Resp: 75011
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.1 114.1
 184 29.1 24.4 36.6
 145 37.2 26.7 40.1

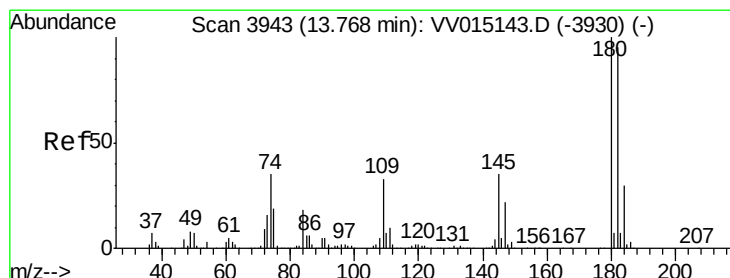
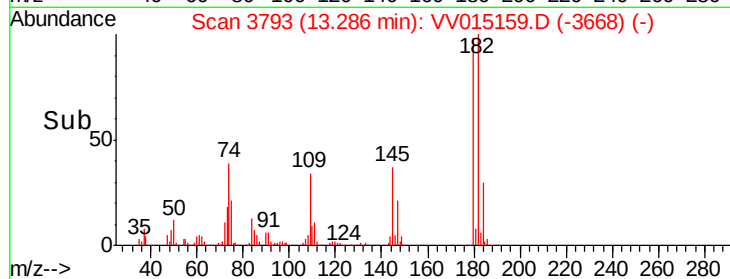
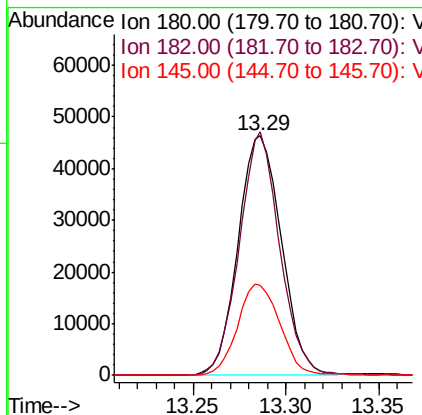
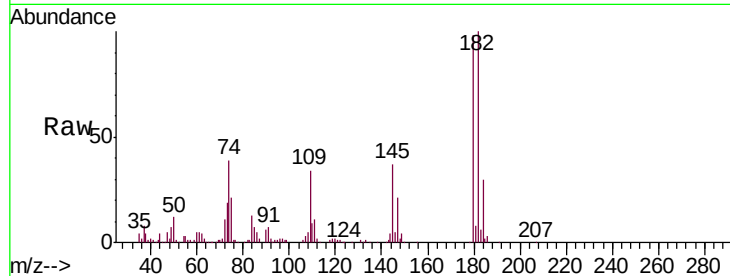




#68
 1,2,4-trichlorobenzene
 Concen: 14.970 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015159.D
 Acq: 26 Mar 2020 01:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DF1

Tgt Ion:180 Resp: 75011
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.1 114.1
 145 37.2 26.6 40.0



#70
 1,2,3-Trichlorobenzene
 Concen: 2.096 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015159.D
 Acq: 26 Mar 2020 01:22

Tgt Ion:180 Resp: 10436
 Ion Ratio Lower Upper
 180 100
 182 80.7 76.3 114.5
 145 39.7 29.6 44.4

