

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015242.D
 Acq On : 28 Mar 2020 13:31
 Operator : SY/MD
 Sample : L1975-02 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 02:15:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	379889	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	357049	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157848	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	97615	63.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	126.66%
7) Chloroethane-d5	1.58	69	102903	62.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.56%
11) 1,1-Dichloroethene-d2	2.12	63	165101	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.66%
21) 2-Butanone-d5	3.94	46	152567	83.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.56%
24) Chloroform-d	4.37	84	210587	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.76%
26) 1,2-Dichloroethane-d4	5.06	65	141505	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.02%
32) Benzene-d6	5.07	84	387413	61.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.24%
36) 1,2-Dichloropropane-d6	6.09	67	132291	56.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.36%
41) Toluene-d8	7.33	98	352641	63.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.30%#
43) trans-1,3-Dichloropropene-	7.64	79	65136	51.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.52%
47) 2-Hexanone-d5	8.12	63	118608	87.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.27%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185790	44.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	135050	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%

Target Compounds

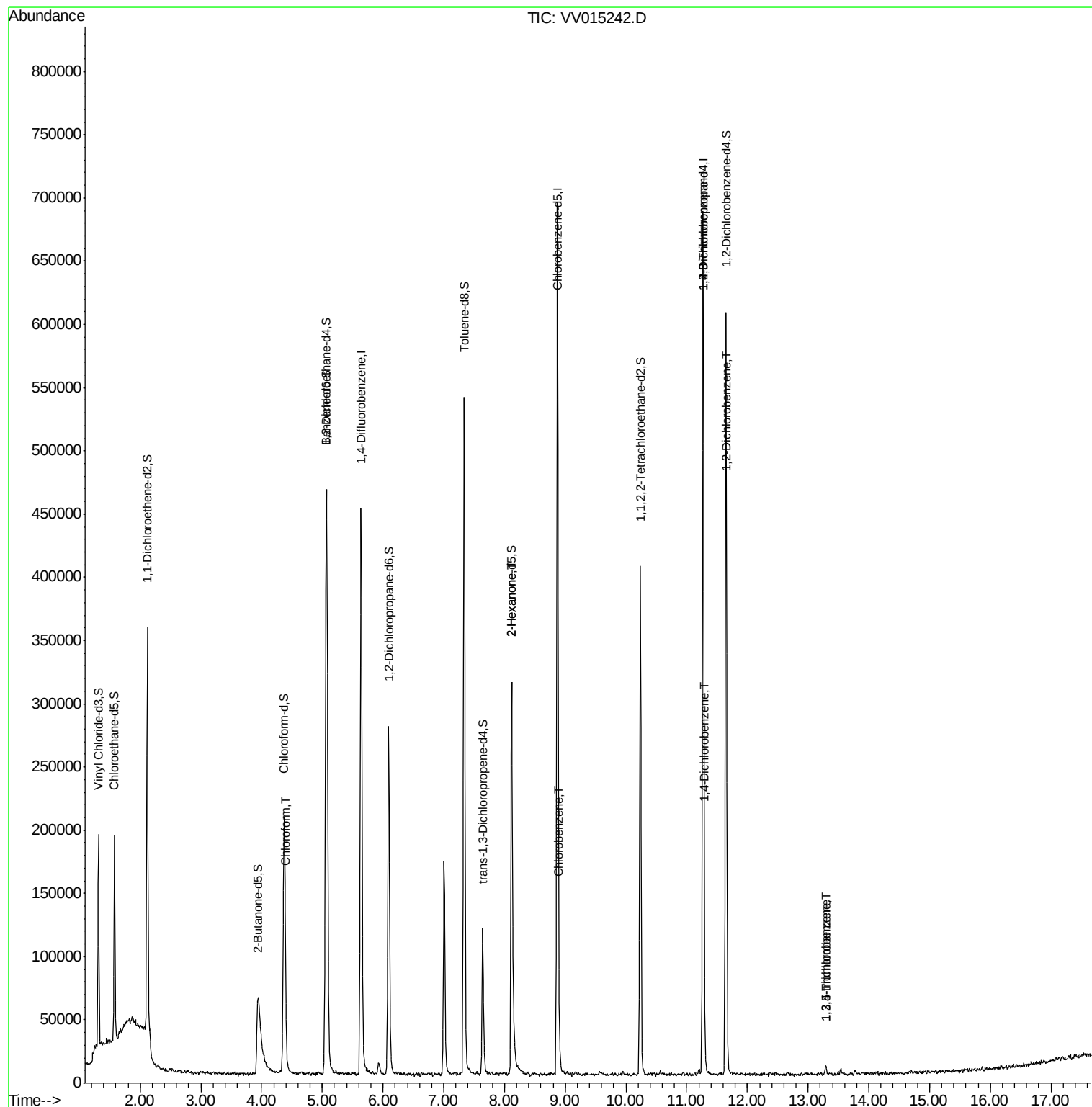
					Ovalue
25) Chloroform	4.40	83	4856	0.996 ug/L	96
48) 2-Hexanone	8.12	43	13363	4.734 ug/L #	83
51) Chlorobenzene	8.90	112	7063	0.980 ug/L	93
59) 1,2,3-Trichloropropane	11.27	75	24661	7.255 ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	6643	1.345 ug/L	94
65) 1,2-Dichlorobenzene	11.67	146	4703	0.934 ug/L	91
67) 1,3,5-Trichlorobenzene	13.29	180	2076	0.666 ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	2076	0.716 ug/L	93

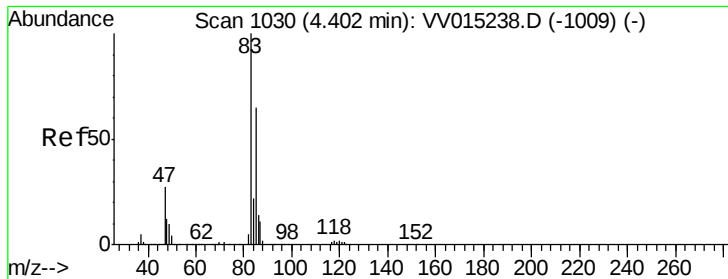
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 30 02:13:00 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 0.996 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV015242.D

Acq: 28 Mar 2020 13:31

Instrument :

MSVOA_V

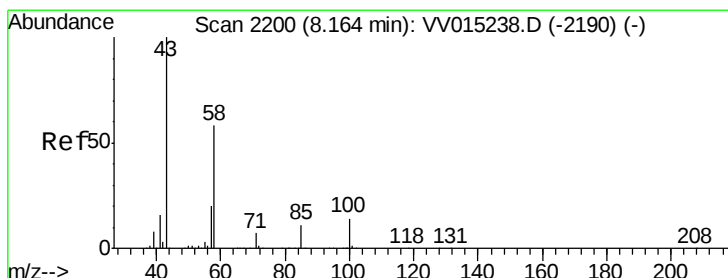
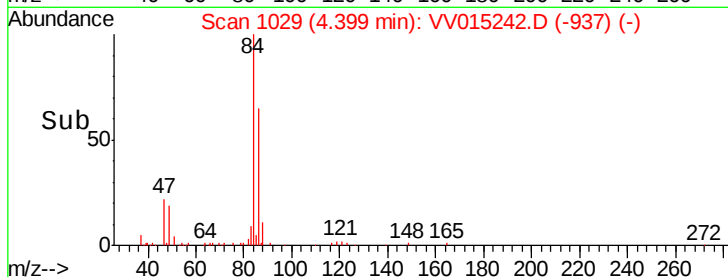
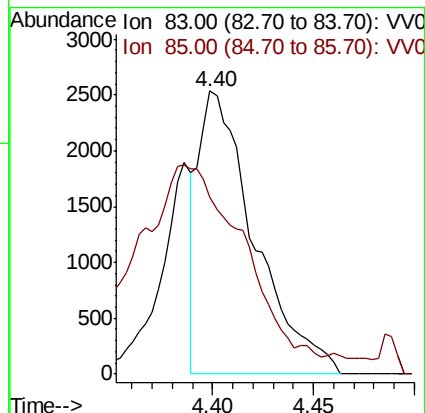
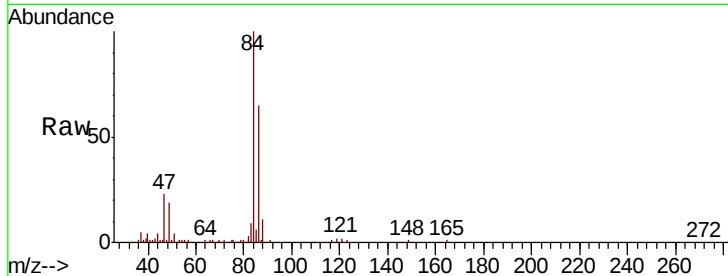
ClientSampleId :

Tot Ion: 83 Resp: 4856

Ion Ratio Lower Upper

83 100

85 62.7 46.2 85.8



#48

2-Hexanone

Concen: 4.734 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015242.D

Acq: 28 Mar 2020 13:31

Tgt Ion: 43 Resp: 13363

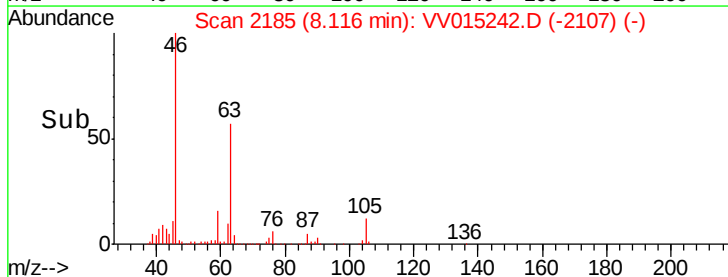
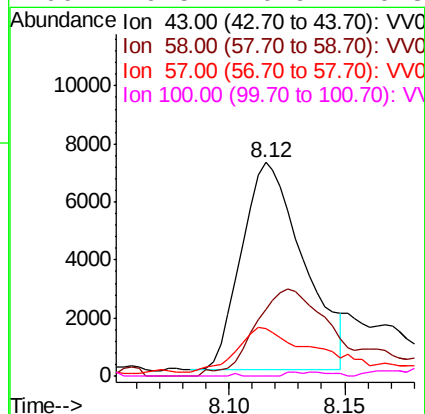
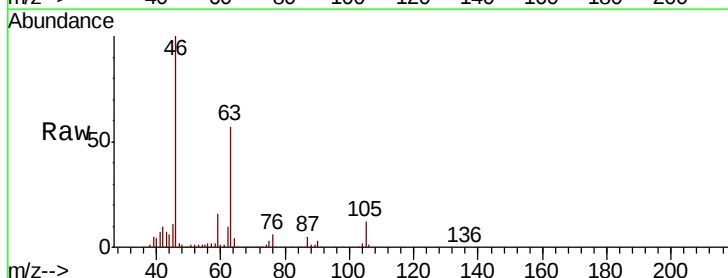
Ion Ratio Lower Upper

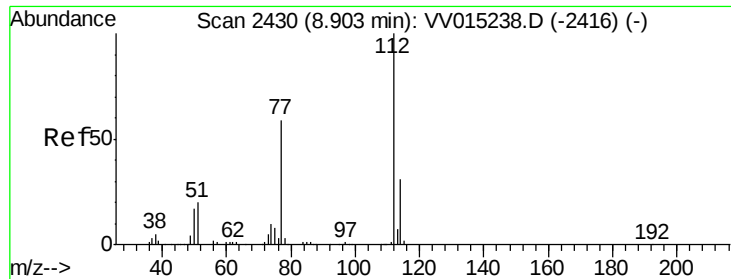
43 100

58 44.5 45.5 68.3#

57 17.3 15.8 23.6

100 0.5 10.9 16.3#

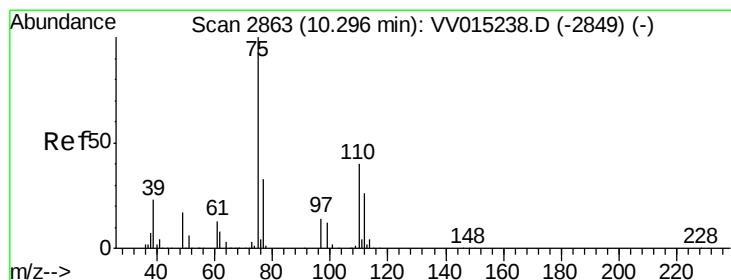
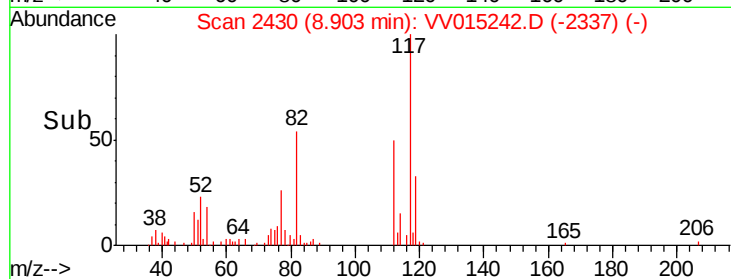
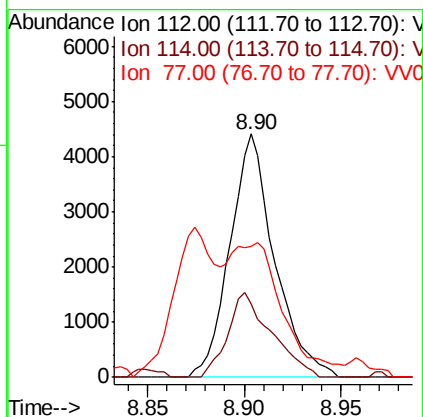
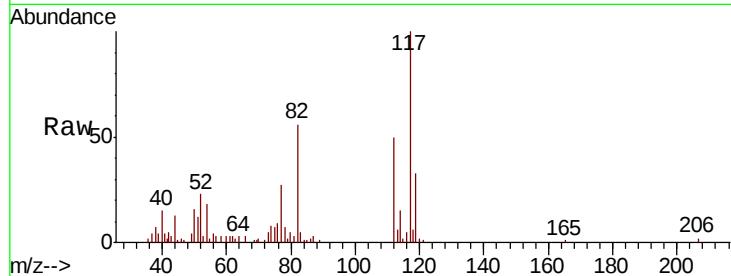




#51
Chlorobenzene
Concen: 0.980 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015242.D
Acq: 28 Mar 2020 13:31

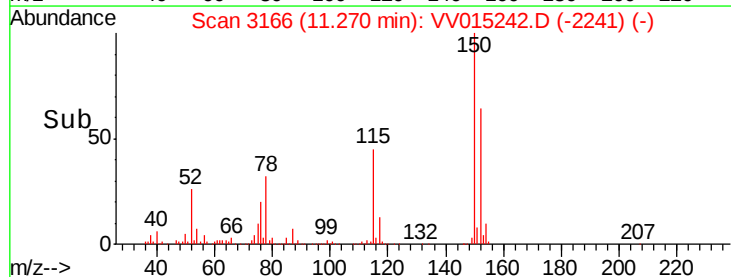
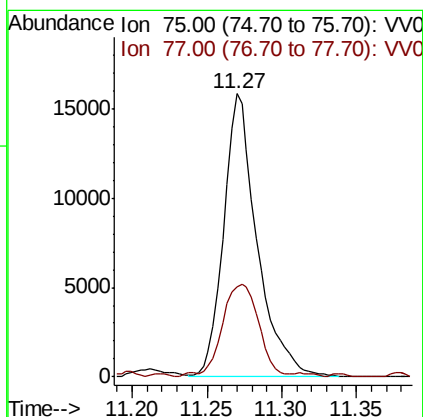
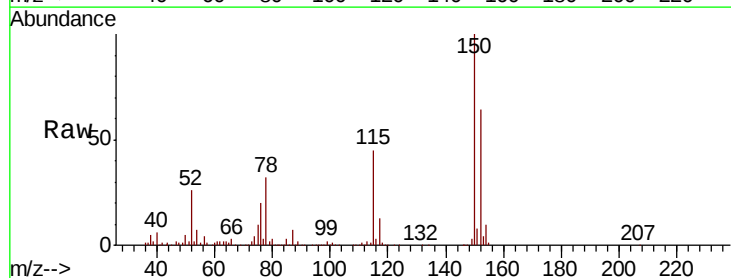
Instrument :
MSVOA_V
ClientSampleId :

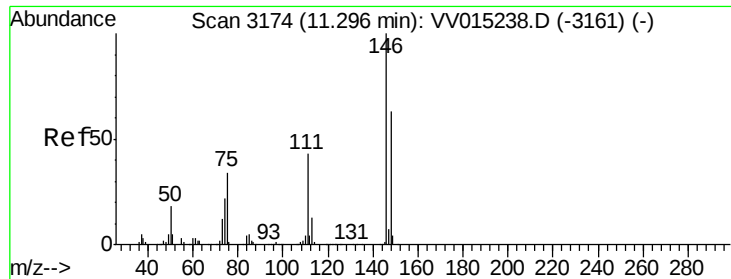
Tot Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.3	41.5
77	53.9	48.2	72.2



#59
1,2,3-Trichloropropane
Concen: 7.255 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV015242.D
Acq: 28 Mar 2020 13:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.2	26.0	39.0

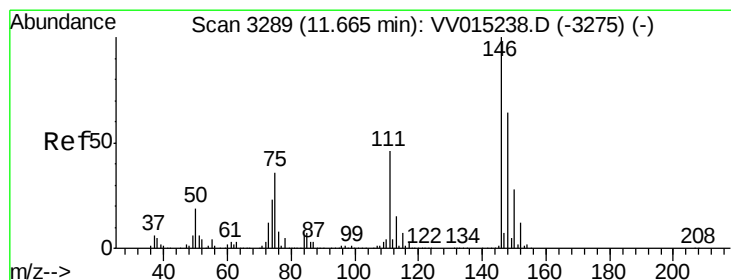
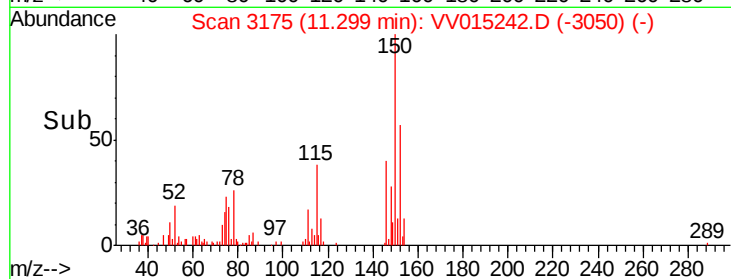
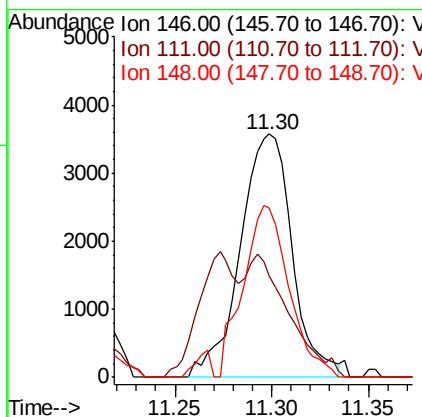
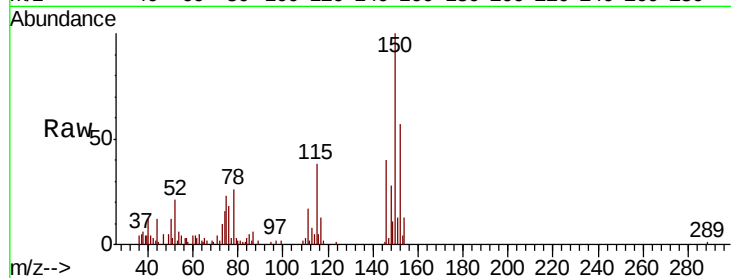




#63
 1,4-Dichlorobenzene
 Concen: 1.345 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: VV015242.D
 Acq: 28 Mar 2020 13:31

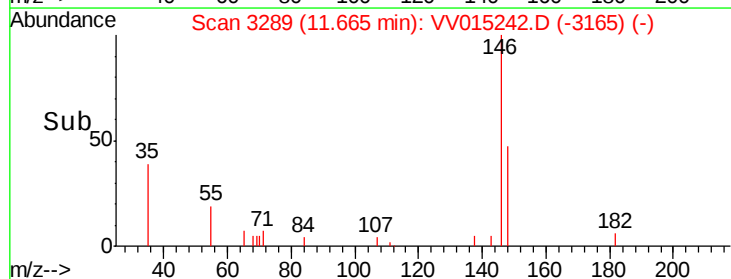
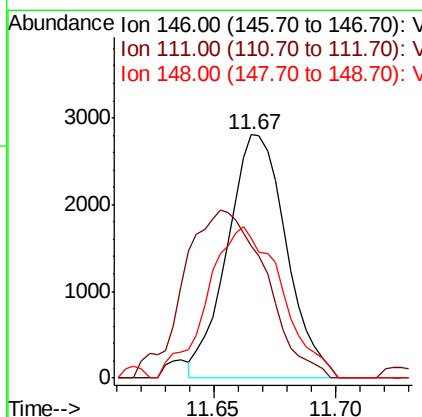
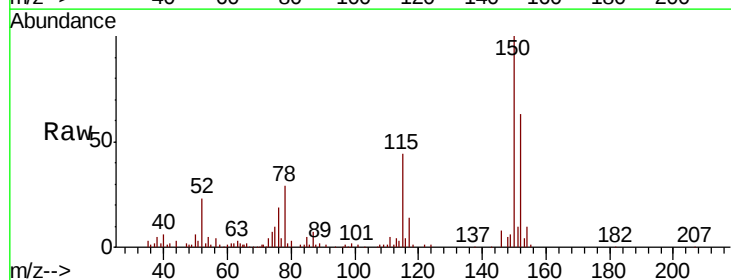
Instrument :
 MSVOA_V
 ClientSampleId :

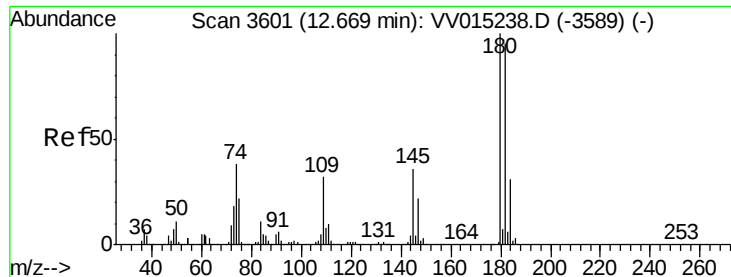
Tot Ion:146 Resp: 6643
 Ion Ratio Lower Upper
 146 100
 111 41.7 29.4 54.6
 148 69.5 43.6 81.0



#65
 1,2-Dichlorobenzene
 Concen: 0.934 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015242.D
 Acq: 28 Mar 2020 13:31

Tgt Ion:146 Resp: 4703
 Ion Ratio Lower Upper
 146 100
 111 54.1 37.6 56.4
 148 57.4 50.6 76.0

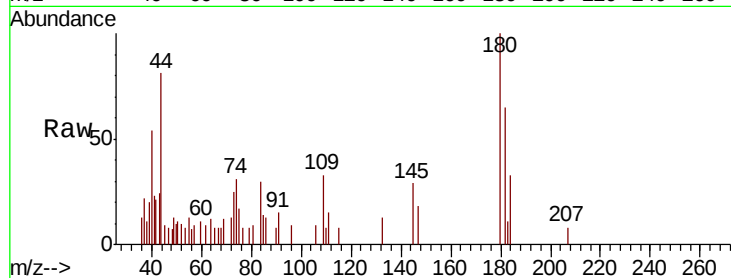




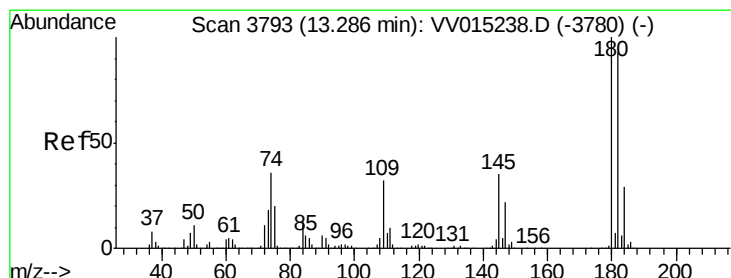
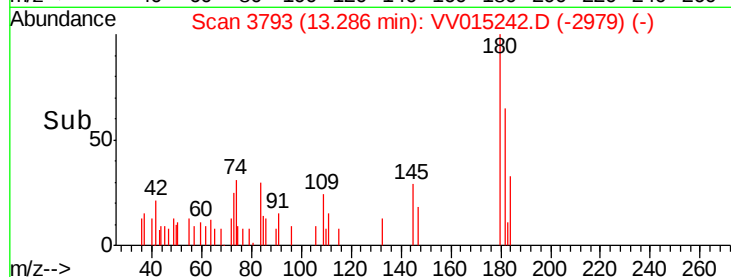
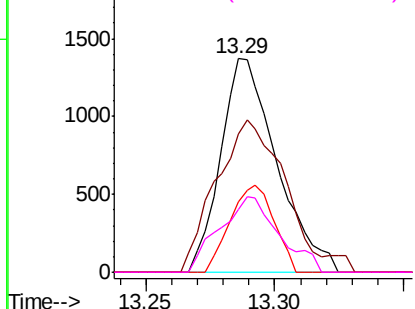
#67
 1,3,5-Trichlorobenzene
 Concen: 0.666 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015242.D
 Acq: 28 Mar 2020 13:31

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 2076
 Ion Ratio Lower Upper
 180 100
 182 85.8 75.4 113.0
 184 31.6 23.8 35.8
 145 34.9 26.9 40.3

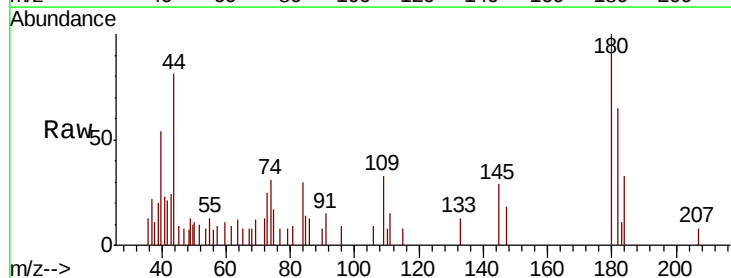


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 0.716 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015242.D
 Acq: 28 Mar 2020 13:31

Tgt Ion:180 Resp: 2076
 Ion Ratio Lower Upper
 180 100
 182 85.8 75.5 113.3
 145 34.9 28.5 42.7



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

