

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122120\
 Data File : VV019774.D
 Acq On : 21 Dec 2020 14:40
 Operator : SY/MD
 Sample : L5101-01DL 4X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 22 00:25:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 22 00:24:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	774786	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	730809	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	344858	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	210846	37.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.90%
7) Chloroethane-d5	1.57	69	179296	40.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.84%
11) 1,1-Dichloroethene-d2	2.11	63	323286	31.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.70%
21) 2-Butanone-d5	3.89	46	346210	114.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.65%
24) Chloroform-d	4.35	84	426859	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
26) 1,2-Dichloroethane-d4	5.03	65	299668	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
32) Benzene-d6	5.05	84	843671	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.56%
36) 1,2-Dichloropropane-d6	6.07	67	272736	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.34%
41) Toluene-d8	7.32	98	750000	42.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.48%
43) trans-1,3-Dichloropropene-	7.62	79	129988	37.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.86%
47) 2-Hexanone-d5	8.09	63	214289	89.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.42%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	342791	41.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.02%
64) 1,2-Dichlorobenzene-d4	11.63	152	281423	43.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.32%

Target Compounds

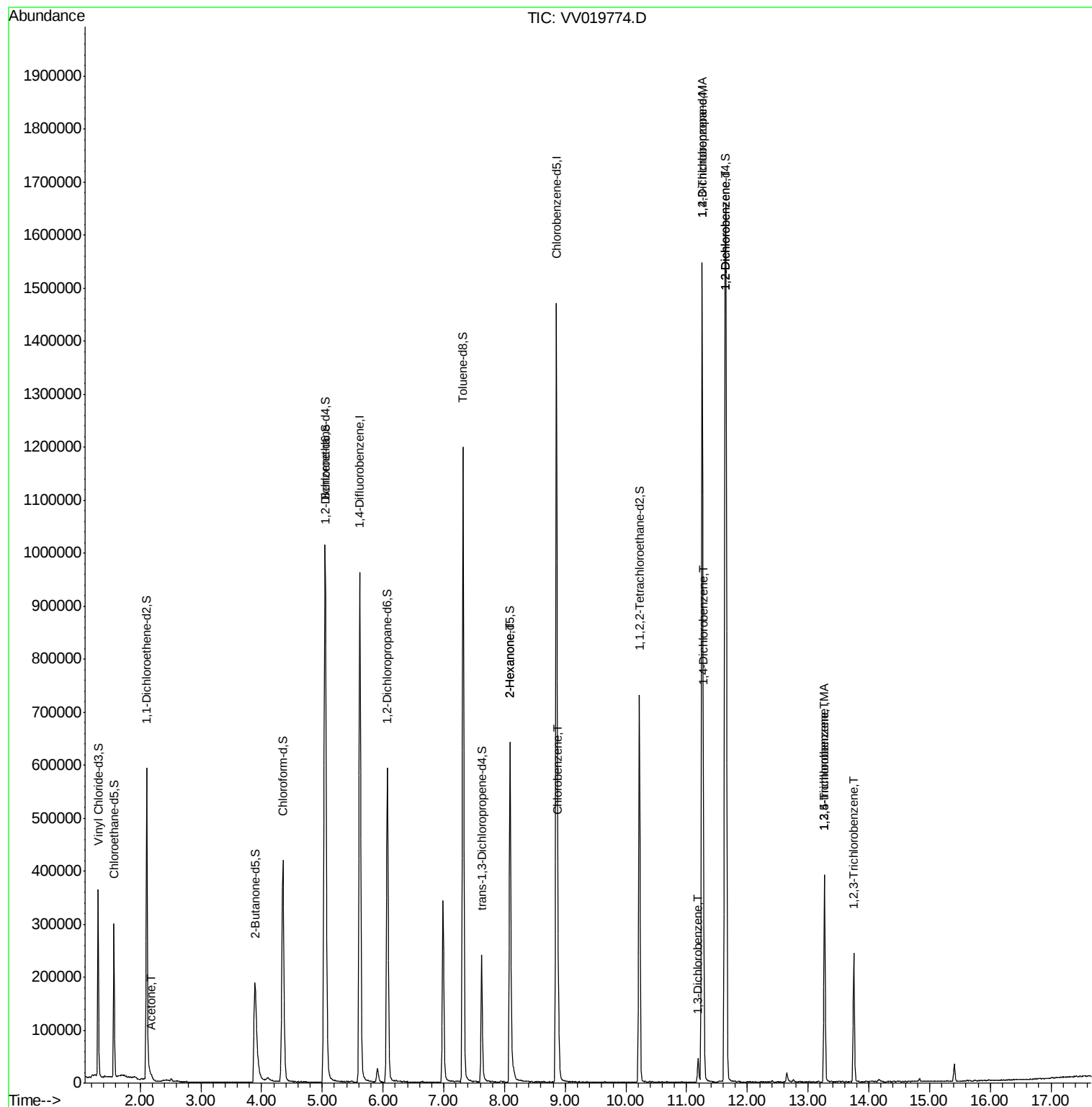
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	10977	4.267	ug/L	88
48) 2-Hexanone	8.09	43	27324	4.475	ug/L #	71
51) Chlorobenzene	8.88	112	92915	6.463	ug/L	98
59) 1,2,3-Trichloropropane	11.25	75	55358	7.979	ug/L	97
62) 1,3-Dichlorobenzene	11.19	146	15580	1.473	ug/L	97
63) 1,4-Dichlorobenzene	11.28	146	99348	9.273	ug/L	98
65) 1,2-Dichlorobenzene	11.65	146	458695	43.873	ug/L	100
67) 1,3,5-Trichlorobenzene	13.27	180	100103	13.391	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	100103	14.322	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	63702	9.326	ug/L	99

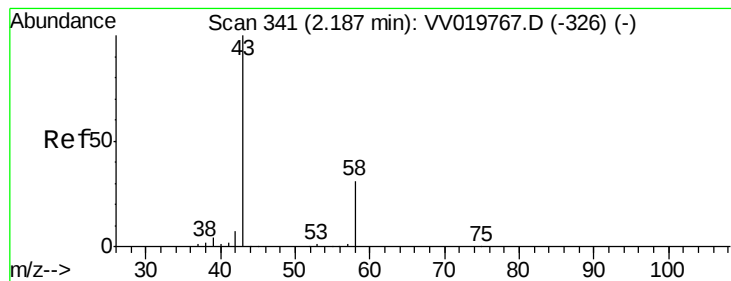
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 00:24:34 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.267 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV019774.D

Acq: 21 Dec 2020 14:40

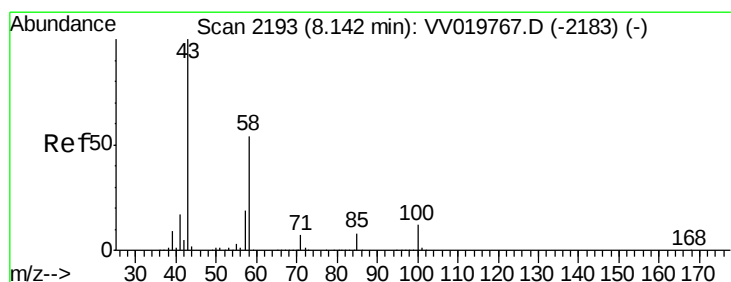
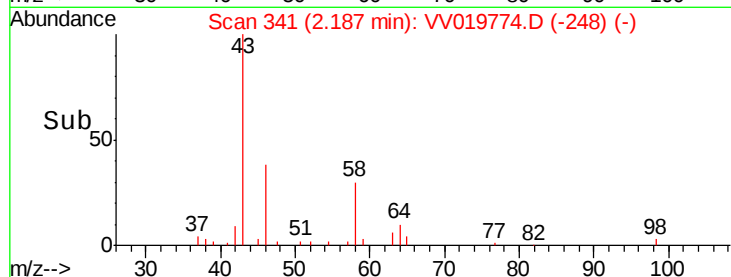
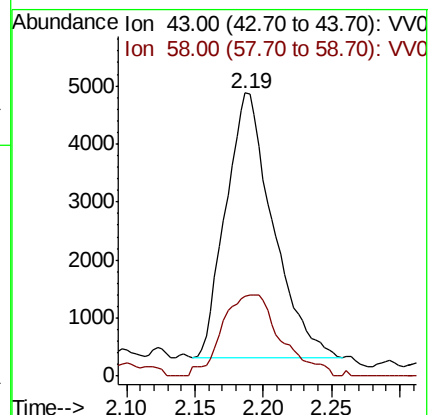
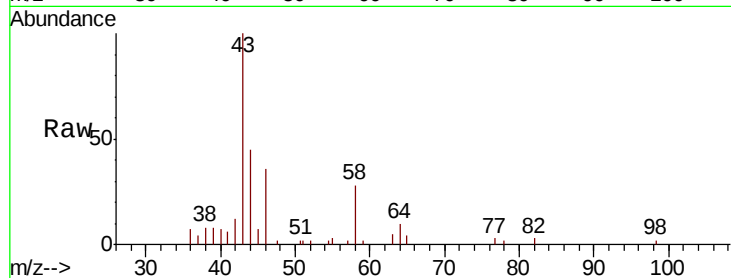
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 10977

Ion Ratio Lower Upper

43 100

58 37.1 0.0 61.6



#48

2-Hexanone

Concen: 4.475 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019774.D

Acq: 21 Dec 2020 14:40

Tgt Ion: 43 Resp: 27324

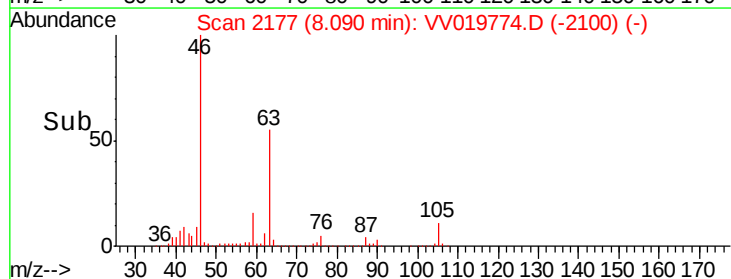
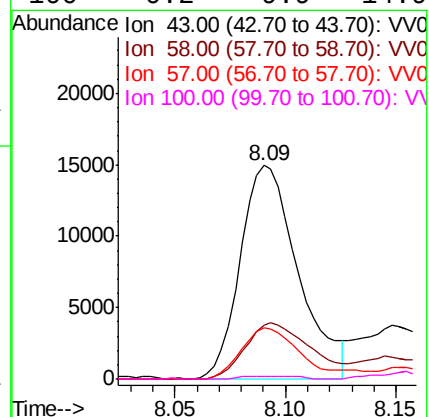
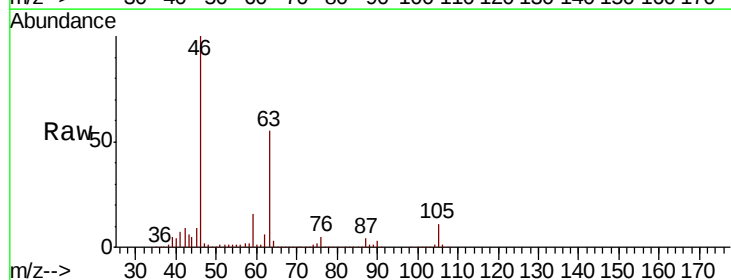
Ion Ratio Lower Upper

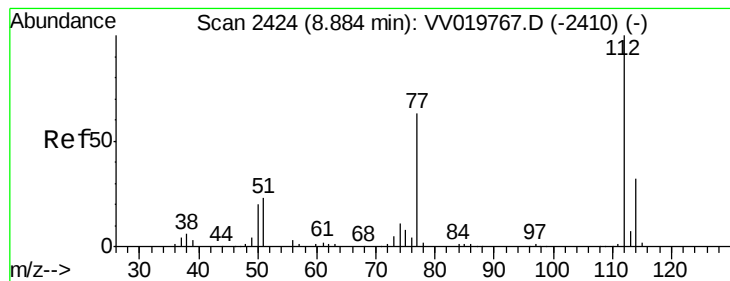
43 100

58 29.8 44.4 66.6#

57 23.1 15.7 23.5

100 0.2 9.9 14.9#





#51

Chlorobenzene

Concen: 6.463 ug/L

RT: 8.88 min Scan# 2424

Delta R.T. 0.00 min

Lab File: VV019774.D

Acq: 21 Dec 2020 14:40

Instrument :

MSVOA_V

ClientSampleId :

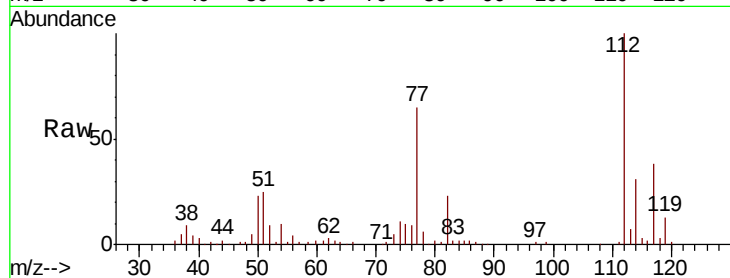
Tot Ion:112 Resp: 92915

Ion Ratio Lower Upper

112 100

114 31.1 22.2 41.2

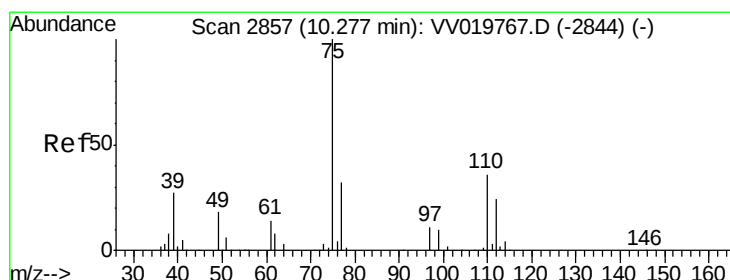
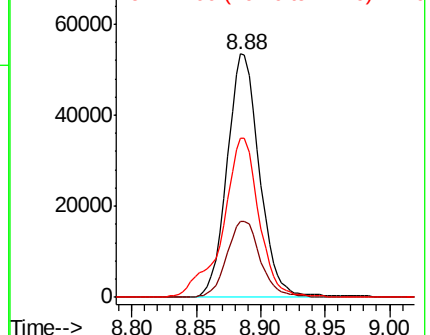
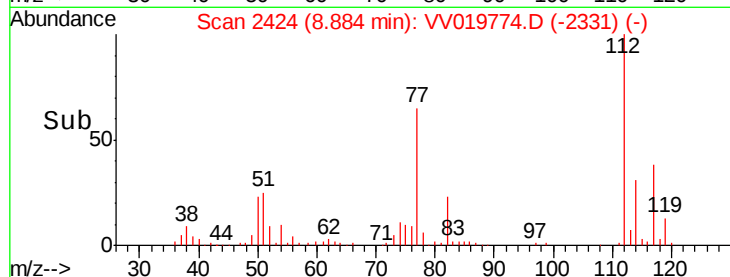
77 65.4 50.6 75.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 7.979 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019774.D

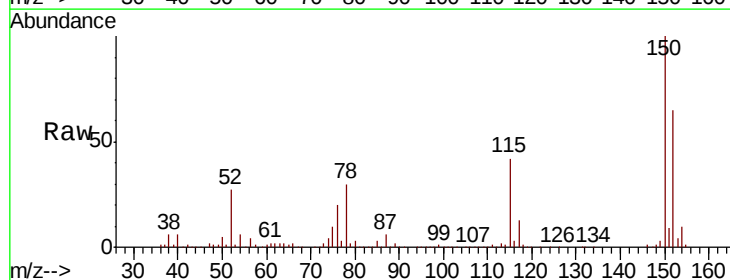
Acq: 21 Dec 2020 14:40

Tgt Ion: 75 Resp: 55358

Ion Ratio Lower Upper

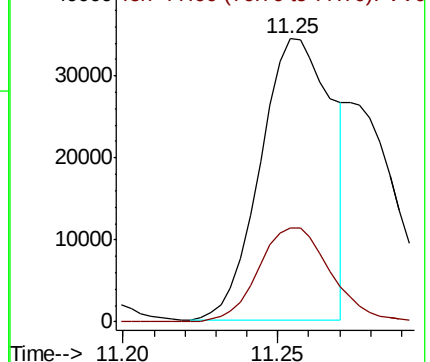
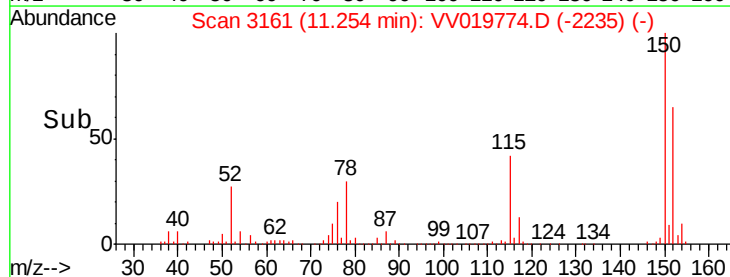
75 100

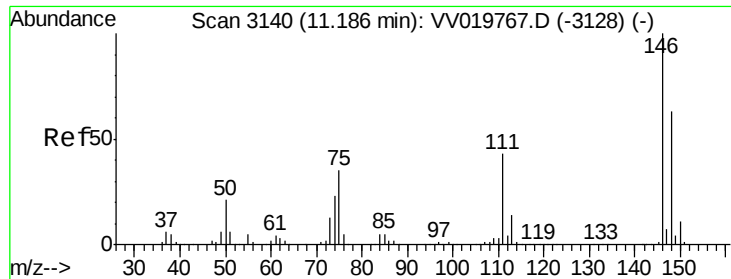
77 33.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

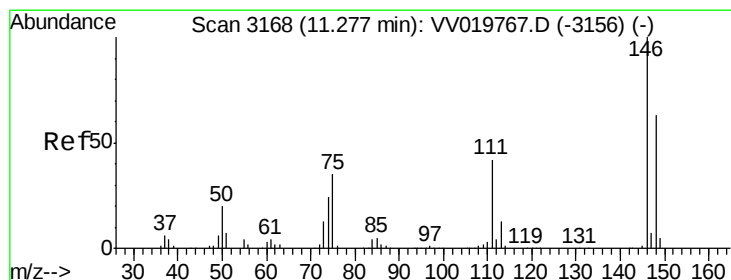
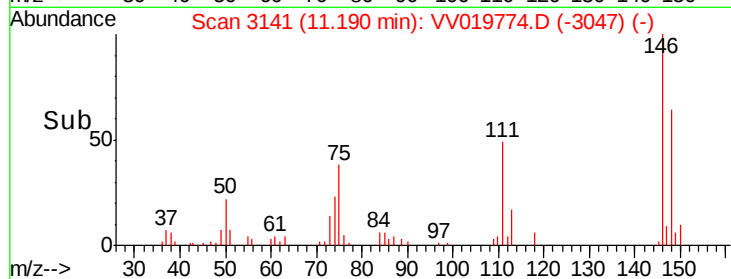
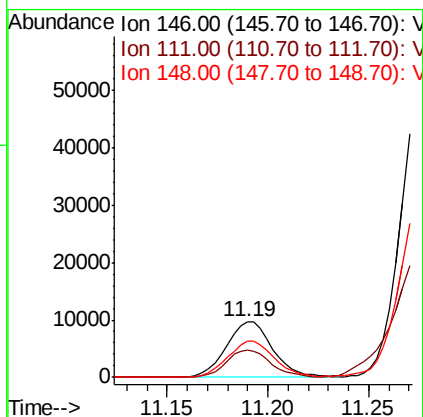
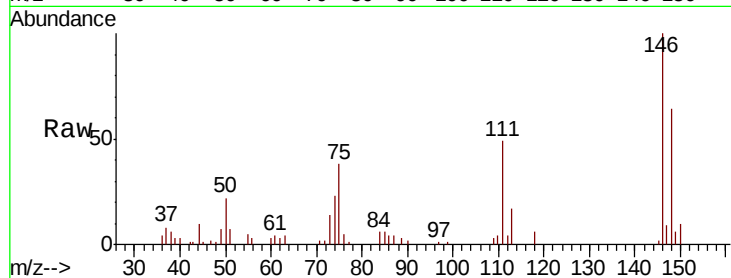




#62
 1,3-Dichlorobenzene
 Concen: 1.473 ug/L
 RT: 11.19 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: VV019774.D
 Acq: 21 Dec 2020 14:40

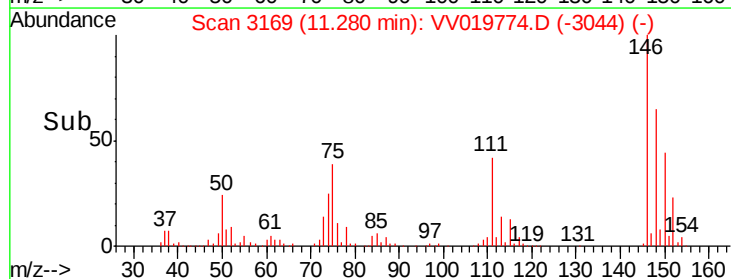
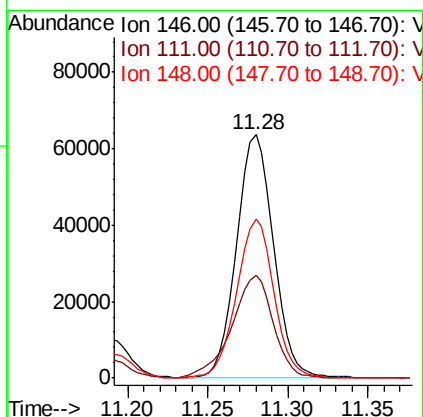
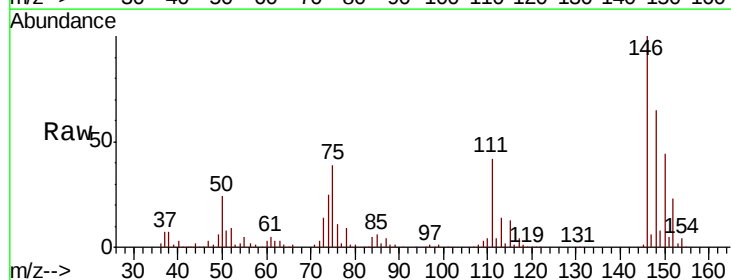
Instrument :
 MSVOA_V
 ClientSampled :

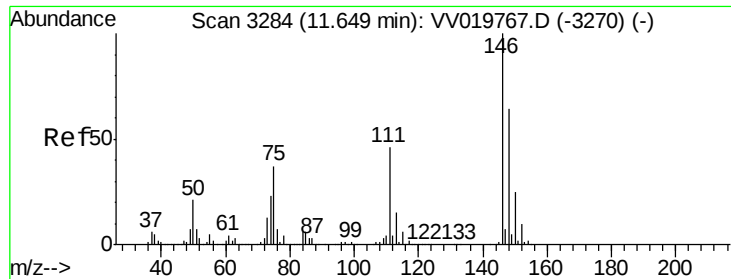
Tot Ion:146 Resp: 15580
 Ion Ratio Lower Upper
 146 100
 111 48.6 30.7 57.1
 148 64.4 45.3 84.1



#63
 1,4-Dichlorobenzene
 Concen: 9.273 ug/L
 RT: 11.28 min Scan# 3169
 Delta R.T. 0.00 min
 Lab File: VV019774.D
 Acq: 21 Dec 2020 14:40

Tgt Ion:146 Resp: 99348
 Ion Ratio Lower Upper
 146 100
 111 42.0 29.8 55.4
 148 65.1 44.2 82.0

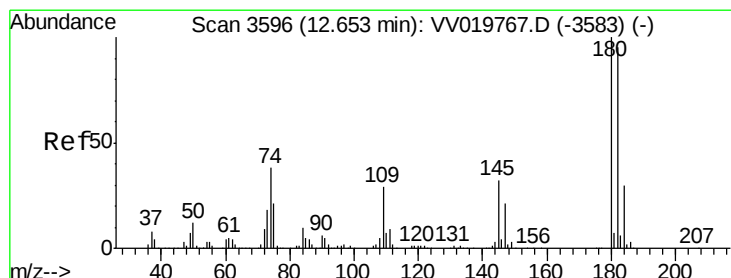
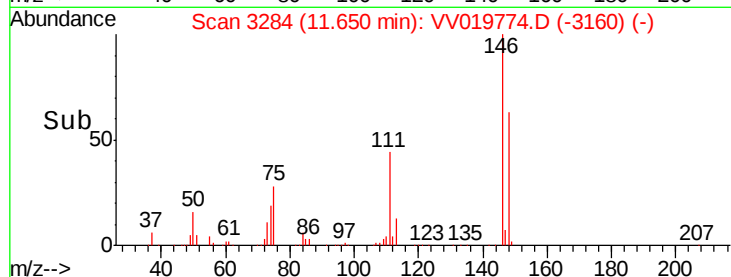
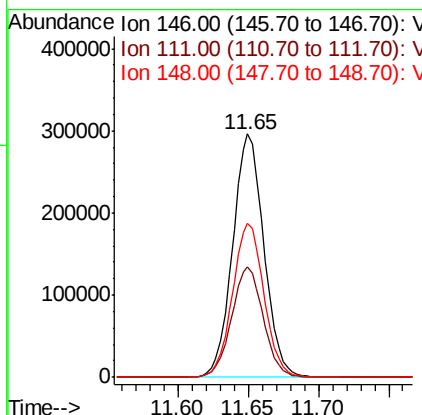
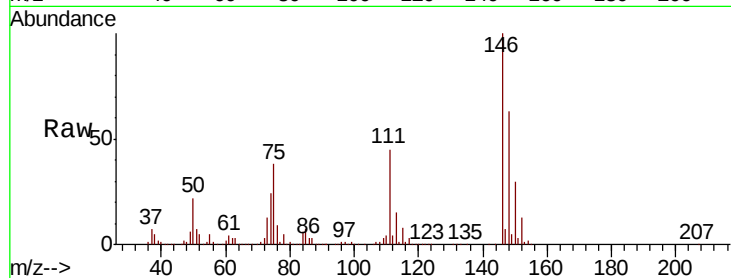




#65
 1,2-Dichlorobenzene
 Concen: 43.873 ug/L
 RT: 11.65 min Scan# 3284
 Delta R.T. 0.00 min
 Lab File: VV019774.D
 Acq: 21 Dec 2020 14:40

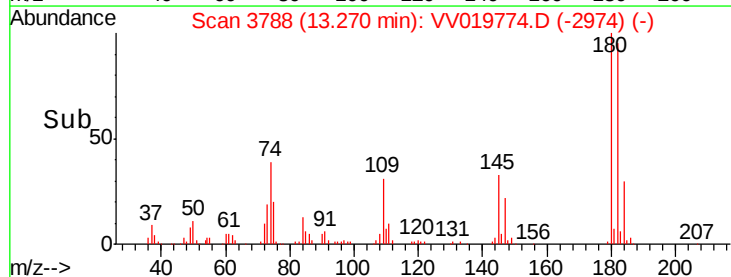
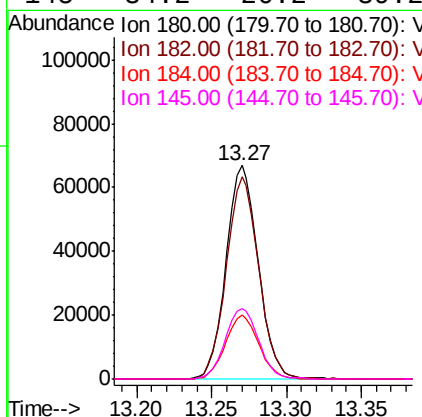
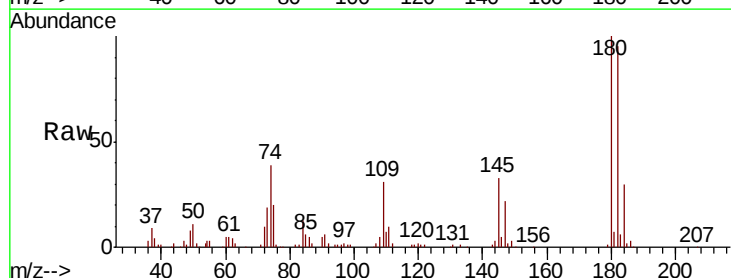
Instrument :
 MSVOA_V
 ClientSampleId :

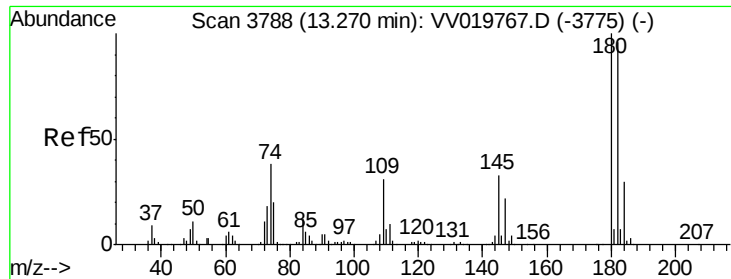
Tot Ion:146 Resp: 458695
 Ion Ratio Lower Upper
 146 100
 111 45.3 36.6 55.0
 148 63.4 50.7 76.1



#67
 1,3,5-Trichlorobenzene
 Concen: 13.391 ug/L
 RT: 13.27 min Scan# 3788
 Delta R.T. 0.62 min
 Lab File: VV019774.D
 Acq: 21 Dec 2020 14:40

Tgt Ion:180 Resp: 100103
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.8 113.6
 184 30.8 23.9 35.9
 145 34.2 26.2 39.2

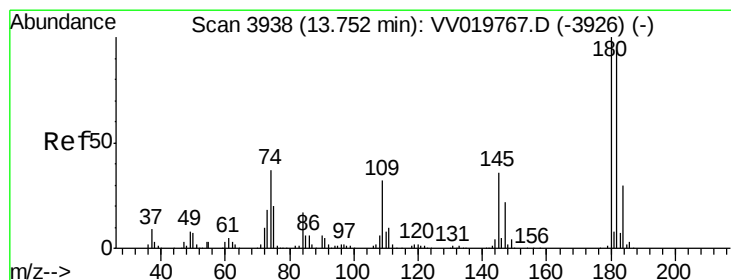
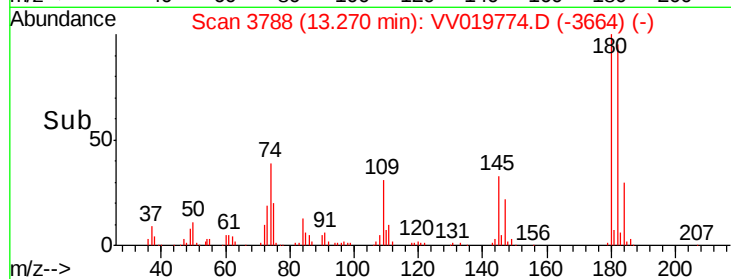
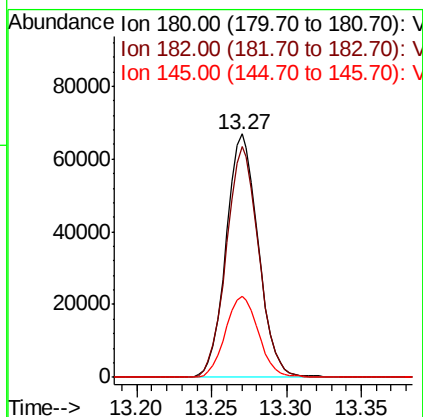
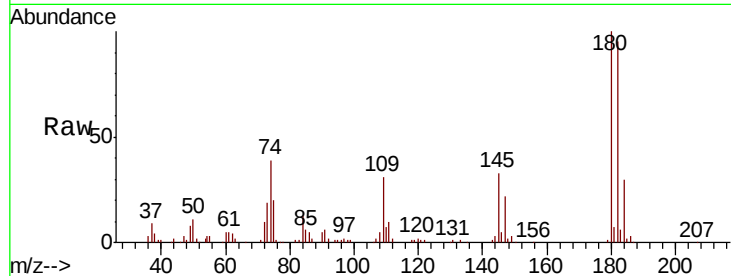




#68
 1,2,4-trichlorobenzene
 Concen: 14.322 ug/L
 RT: 13.27 min Scan# 3788
 Delta R.T. 0.00 min
 Lab File: VV019774.D
 Acq: 21 Dec 2020 14:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.5	114.7
145	34.2	27.0	40.6



#70
 1,2,3-Trichlorobenzene
 Concen: 9.326 ug/L
 RT: 13.75 min Scan# 3938
 Delta R.T. 0.00 min
 Lab File: VV019774.D
 Acq: 21 Dec 2020 14:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	35.7	29.1	43.7

