

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016942.D
 Acq On : 15 Jun 2020 18:15
 Operator : SY/MD
 Sample : L2947-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXE0

Manual Integrations
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Quant Time: Jun 16 08:31:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	332680	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161143	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90394	38.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.02%
7) Chloroethane-d5	1.56	69	65455	46.47	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.94%
11) 1,1-Dichloroethene-d2	2.12	63	166044	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.24%
21) 2-Butanone-d5	3.89	46	149617	86.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.11%
24) Chloroform-d	4.37	84	210442	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
26) 1,2-Dichloroethane-d4	5.05	65	148354	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
32) Benzene-d6	5.07	84	404453	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
36) 1,2-Dichloropropane-d6	6.09	67	125648	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.46%
41) Toluene-d8	7.34	98	377480	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%
43) trans-1,3-Dichloropropene-	7.64	79	65356	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.34%
47) 2-Hexanone-d5	8.11	63	100176	81.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166059	44.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	167614	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	13562	5.718	ug/L	83
8) Chloroethane	1.58	64	11536	9.846	ug/L	97
12) 1,1-Dichloroethene	2.13	96	68371	41.408	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	2179	0.968	ug/L	91
19) 1,1-Dichloroethane	3.21	63	1826012	430.897	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	22704	9.250	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	5950553	1492.670	ug/L	98
33) Benzene	5.13	78	22571	2.440	ug/L	100
34) Trichloroethene	5.94	95	2255	0.909	ug/L	90
42) Toluene	7.41	91	11185	1.147	ug/L	94
45) 1,1,2-Trichloroethane	7.86	97	1626m	0.701	ug/L	
51) Chlorobenzene	8.90	112	32326	5.082	ug/L	94
65) 1,2-Dichlorobenzene	11.67	146	11639	2.276	ug/L #	82

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

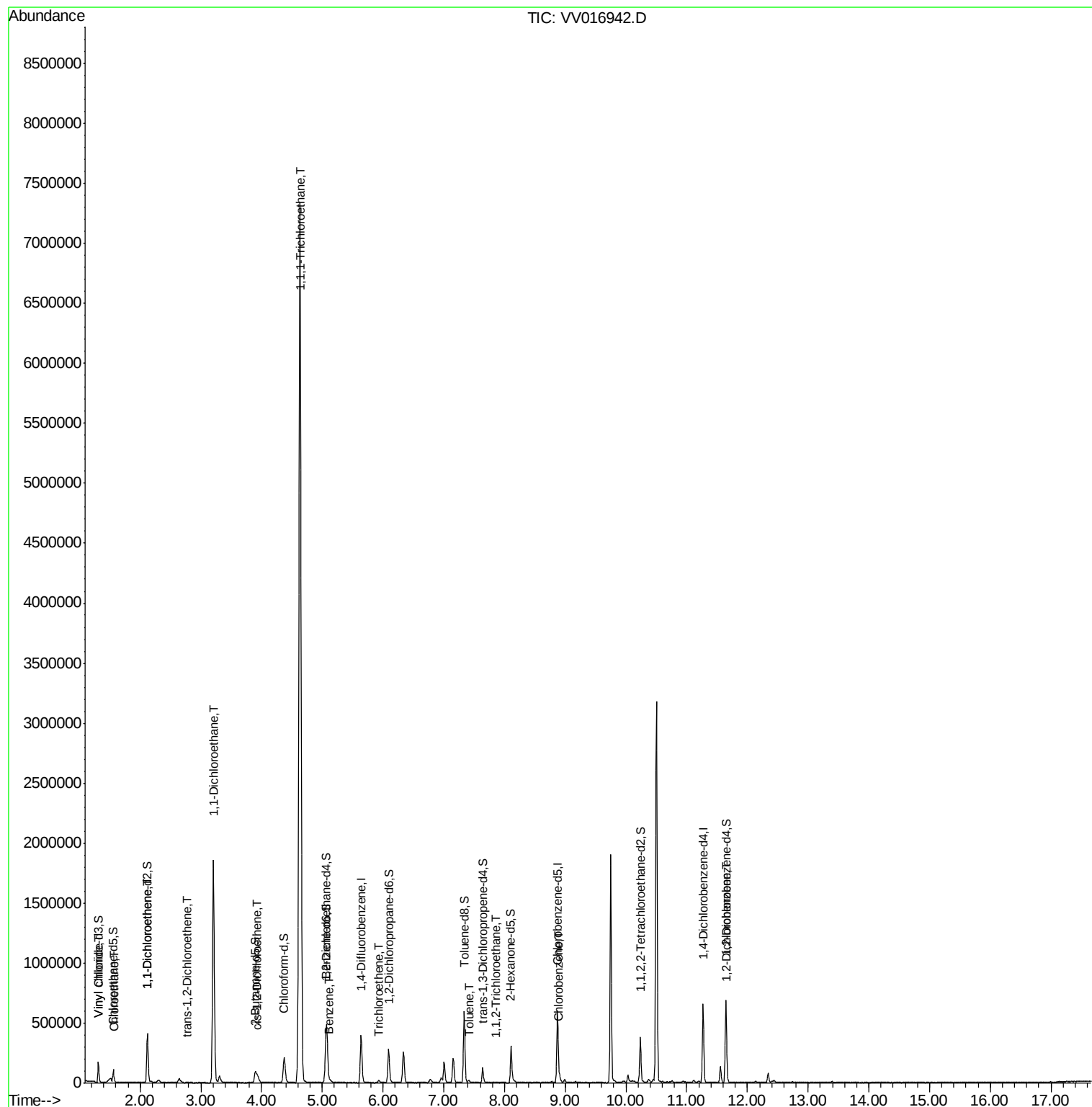
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061520\
Data File : VV016942.D
Acq On : 15 Jun 2020 18:15
Operator : SY/MD
Sample : L2947-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

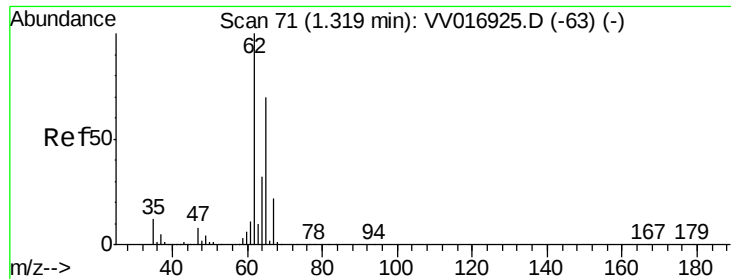
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Jun 16 08:31:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 16 05:46:50 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.718 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016942.D

Acq: 15 Jun 2020 18:15

Instrument :

MSVOA_V

ClientSampleId :

BFXE0

Tot Ion: 62 Resp: 13562

Ion Ratio Lower Upper

62 100

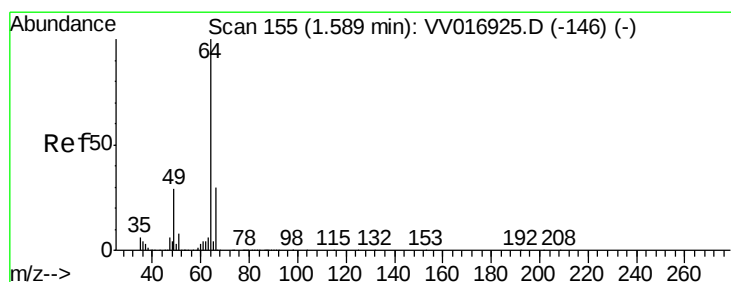
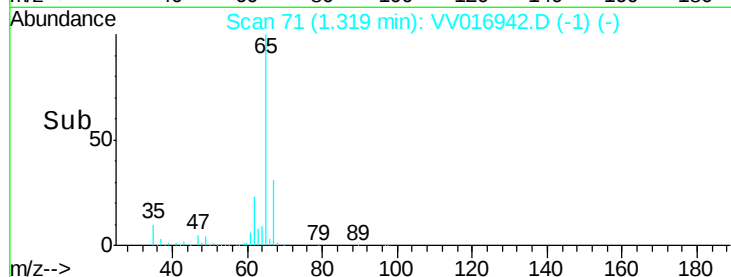
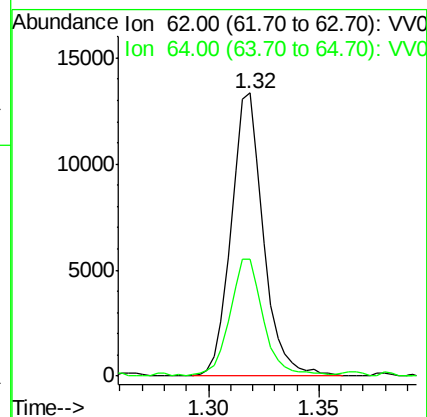
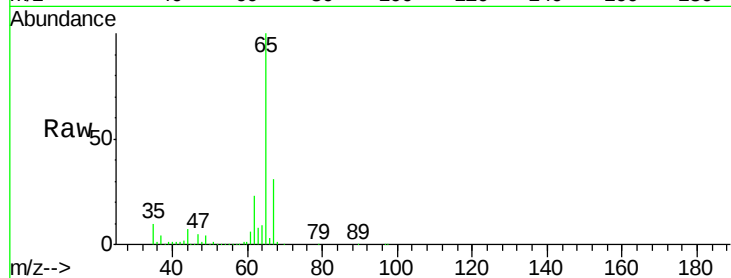
64 41.3 22.3 41.5

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#8

Chloroethane

Concen: 9.846 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.01 min

Lab File: VV016942.D

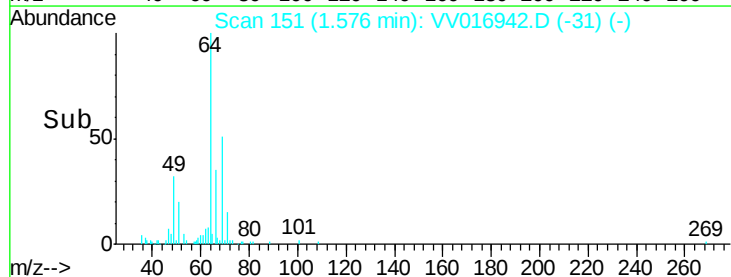
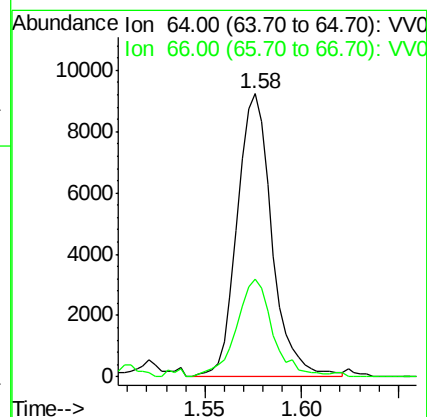
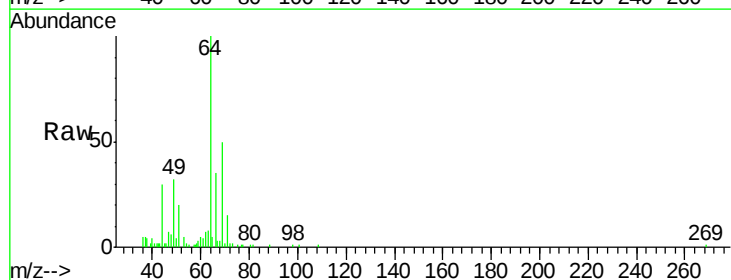
Acq: 15 Jun 2020 18:15

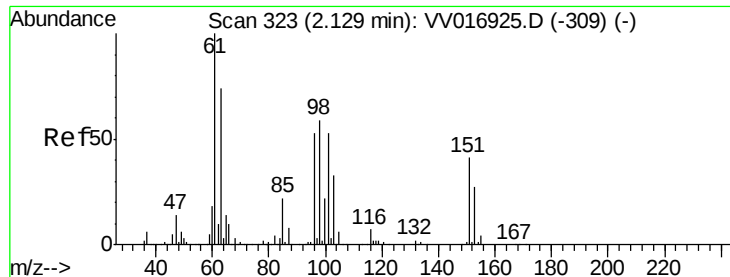
Tgt Ion: 64 Resp: 11536

Ion Ratio Lower Upper

64 100

66 34.7 23.2 43.0





#12

1,1-Dichloroethene

Concen: 41.408 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016942.D

Acq: 15 Jun 2020 18:15

Instrument :

MSVOA_V

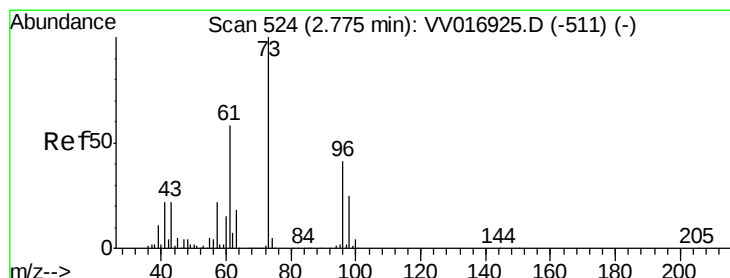
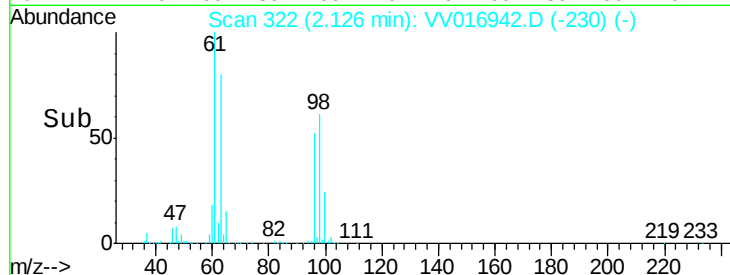
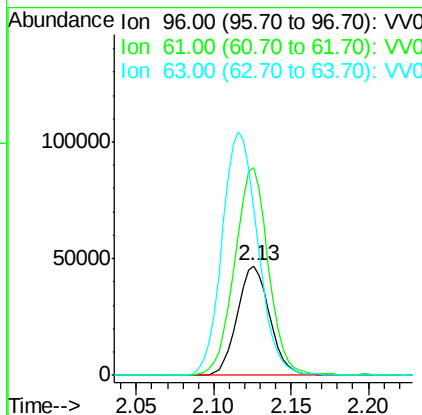
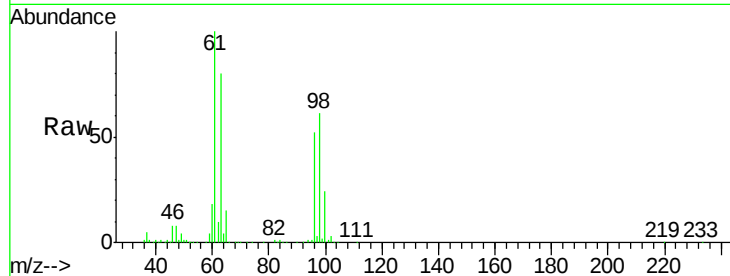
ClientSampled :

BFXE0

Tot Ion:	96	Resp:	68371
Ion	Ratio	Lower	Upper
96	100		
61	190.5	130.4	242.2
63	152.5	103.3	191.9

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#17

trans-1,2-Dichloroethene

Concen: 0.968 ug/L

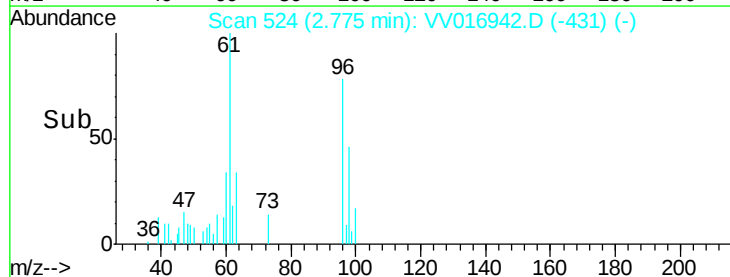
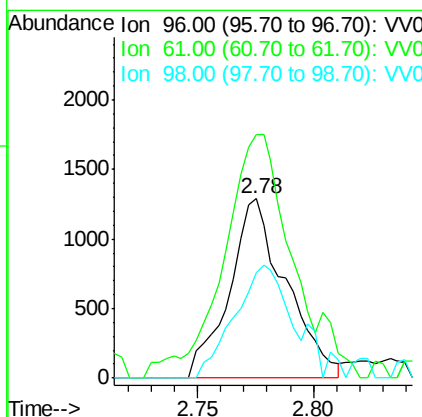
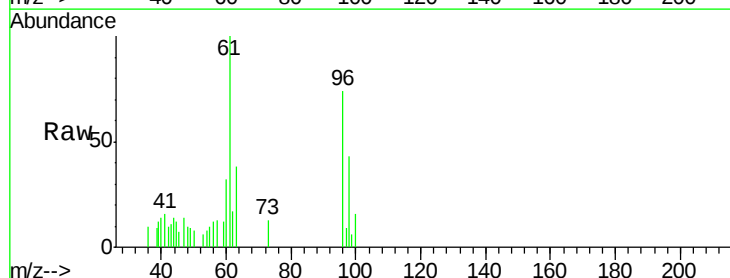
RT: 2.78 min Scan# 524

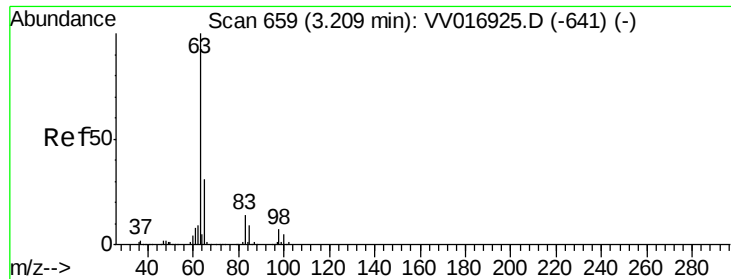
Delta R.T. -0.00 min

Lab File: VV016942.D

Acq: 15 Jun 2020 18:15

Tgt Ion:	96	Resp:	2179
Ion	Ratio	Lower	Upper
96	100		
61	135.8	102.9	191.1
98	59.0	45.5	84.5





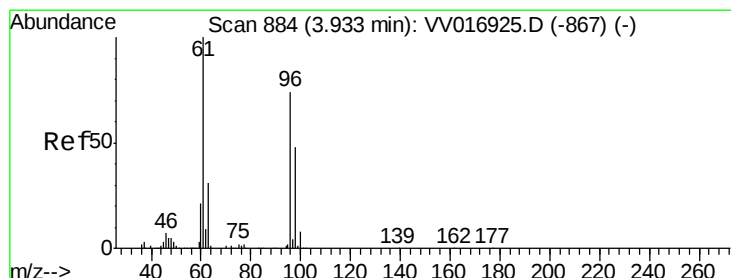
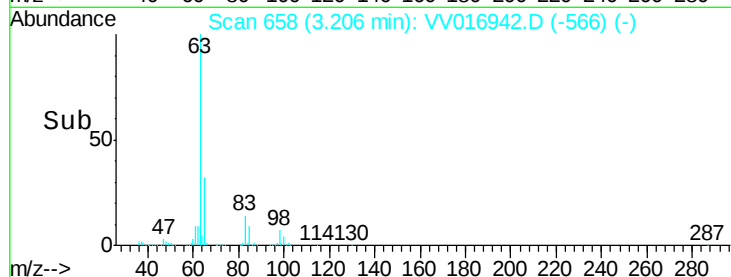
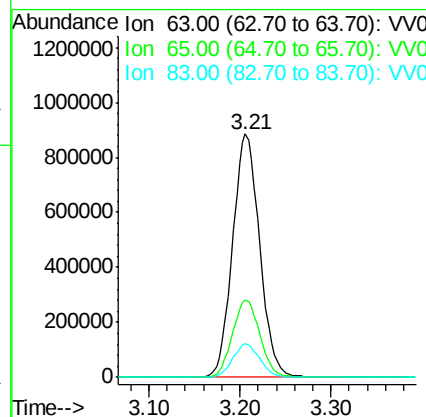
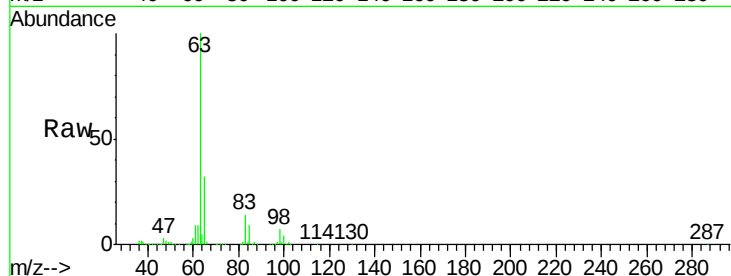
#19
 1,1-Dichloroethane
 Concen: 430.897 ug/L
 RT: 3.21 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VV016942.D
 Acq: 15 Jun 2020 18:15

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXE0

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.2	43.0
83	13.8	10.0	18.6

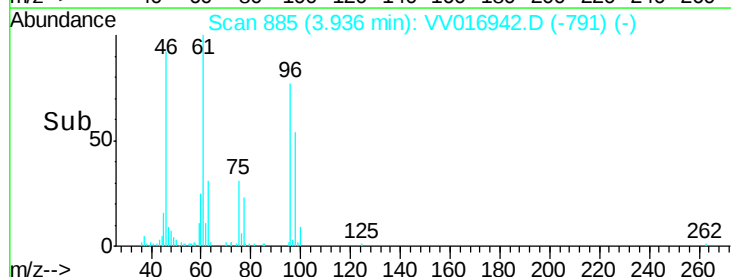
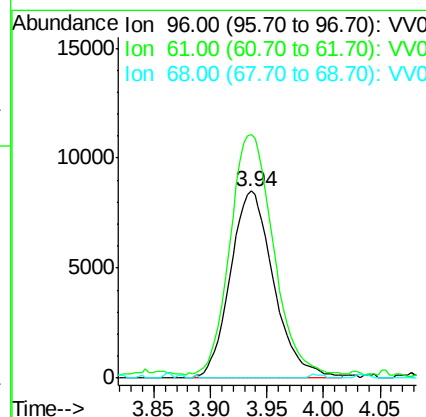
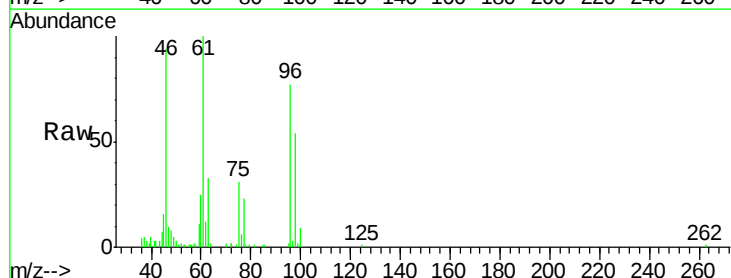
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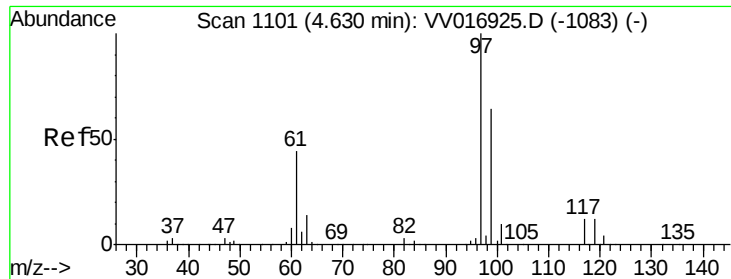
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#20
 cis-1,2-Dichloroethene
 Concen: 9.250 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016942.D
 Acq: 15 Jun 2020 18:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.1	93.4	173.4
68	0.0	0.0	0.0





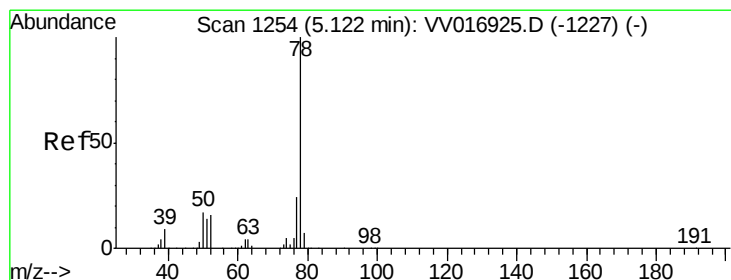
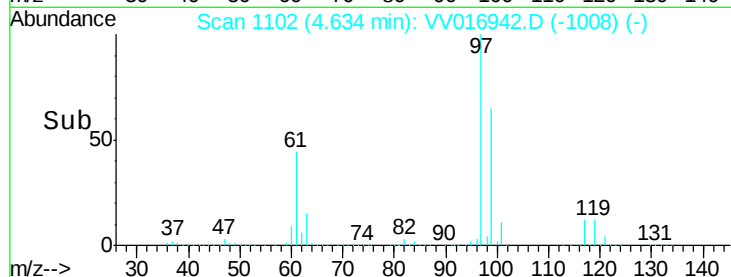
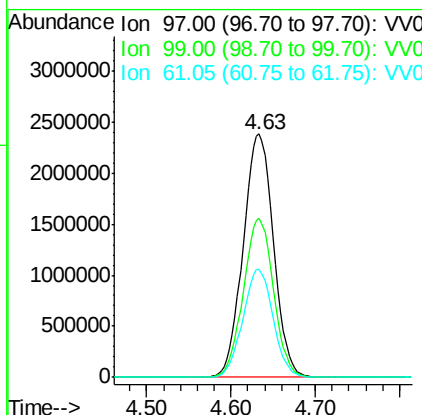
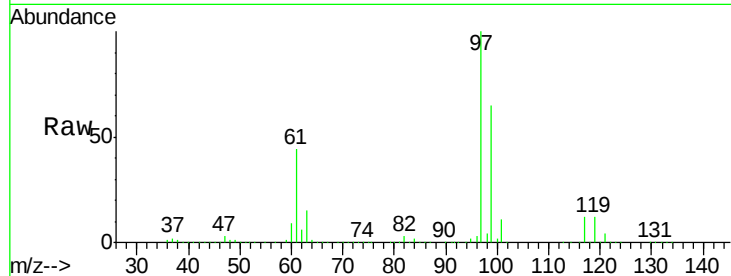
#30
 1,1,1-Trichloroethane
 Concen: 1492.670 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV016942.D
 Acq: 15 Jun 2020 18:15

Instrument :
 MSVOA_V
 ClientSampleId :
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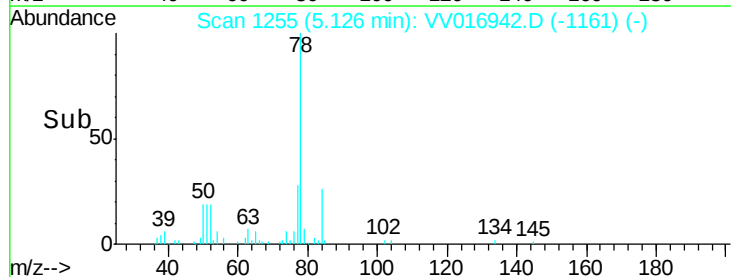
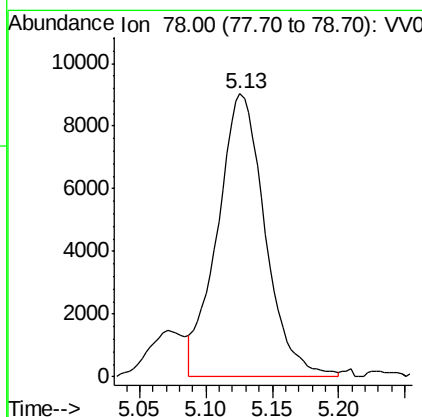
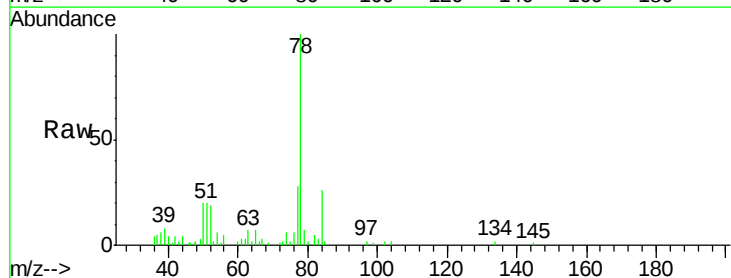
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 Ion Ratio Lower Upper
 97 100
 99 64.9 51.3 76.9
 61 44.2 36.7 55.1

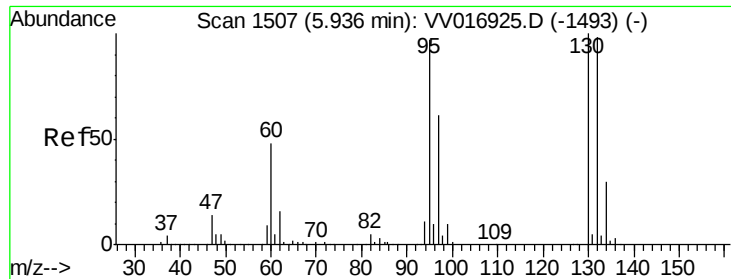
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#33
 Benzene
 Concen: 2.440 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VV016942.D
 Acq: 15 Jun 2020 18:15
 Tgt Ion: 78 Resp: 22571





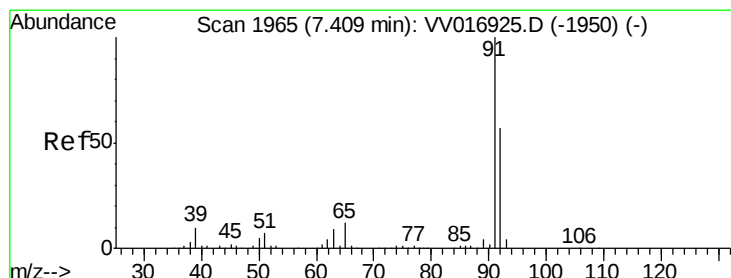
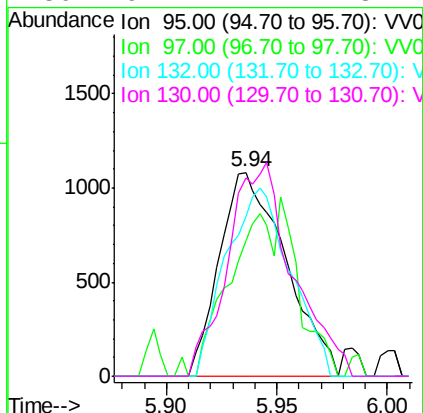
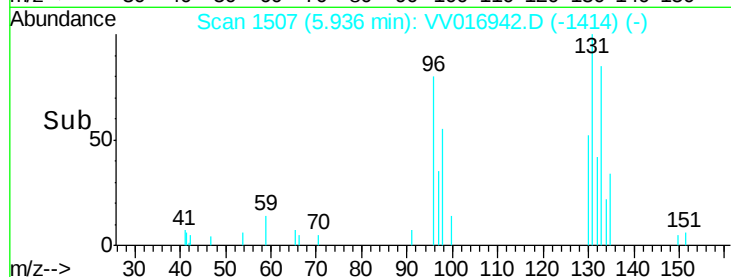
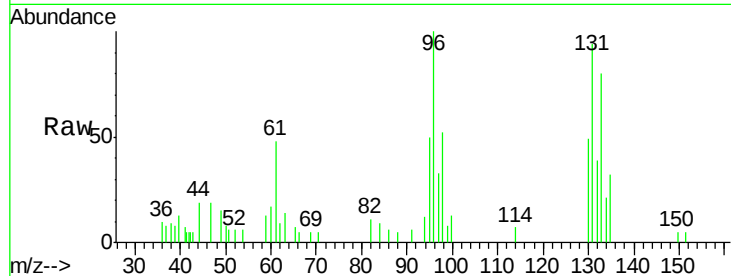
#34
 Trichloroethene
 Concen: 0.909 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV016942.D
 Acq: 15 Jun 2020 18:15

Instrument :
 MSVOA_V
 ClientSampleId :
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Tot Ion:	95	Resp:	2255
Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.3	82.3
132	78.3	67.9	126.1
130	97.1	72.2	134.2

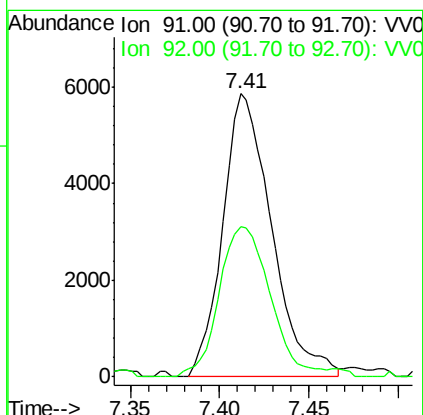
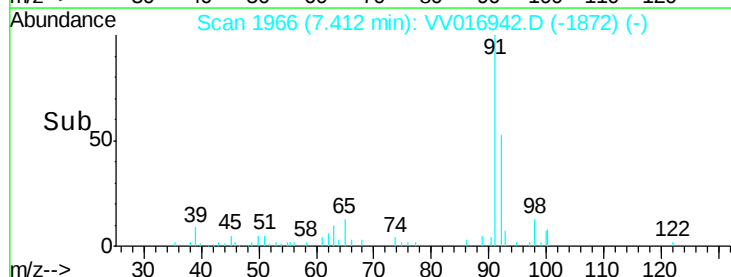
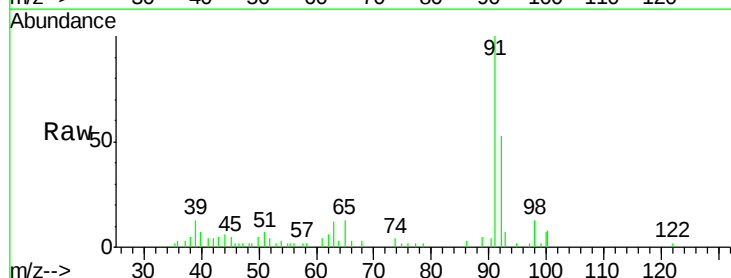
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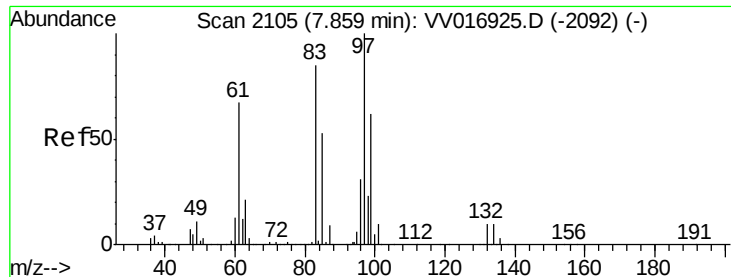
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#42
 Toluene
 Concen: 1.147 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: VV016942.D
 Acq: 15 Jun 2020 18:15

Tgt Ion:	91	Resp:	11185
Ion	Ratio	Lower	Upper
91	100		
92	53.0	40.4	75.0





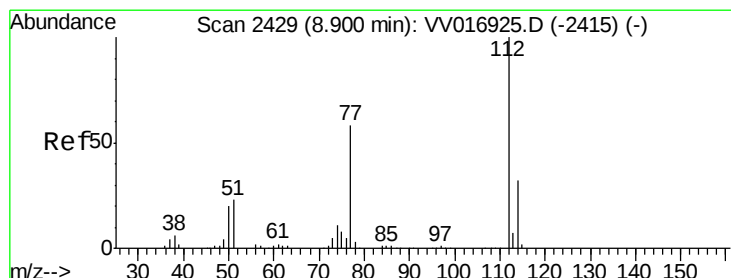
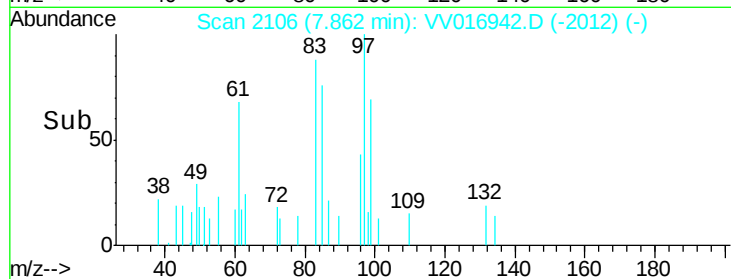
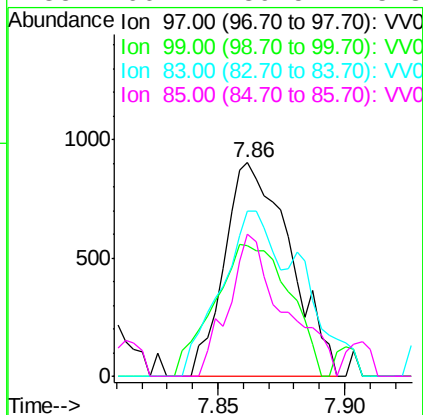
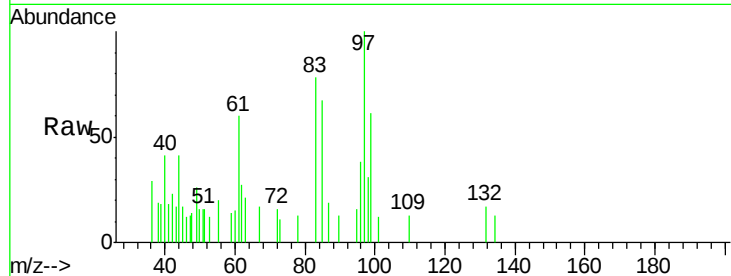
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 1,1,2-Trichloroethane
 Concen: 0.701 ug/L m
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VV016942.D
 Acq: 15 Jun 2020 18:15

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXE0

Tot Ion:	97	Resp:	1626
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.3	82.3
83	77.5	60.0	111.4
85	66.7	39.5	73.3

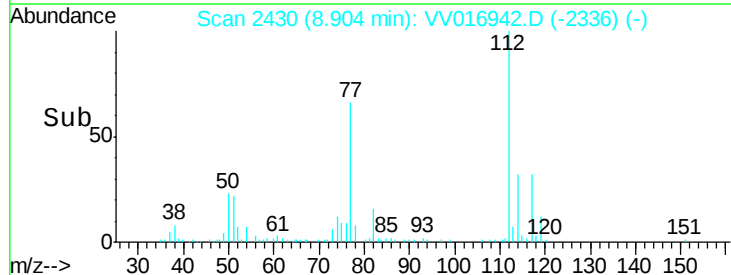
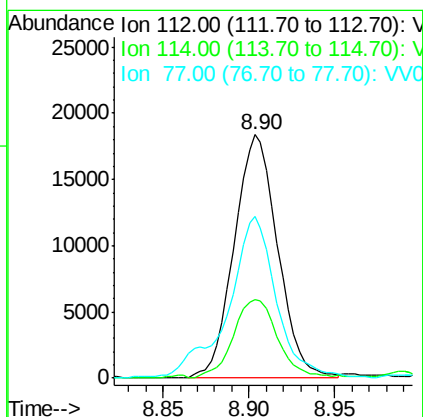
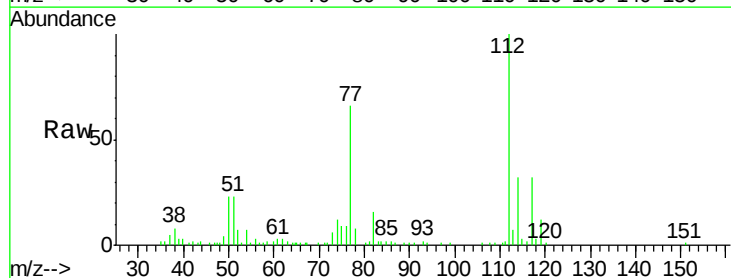
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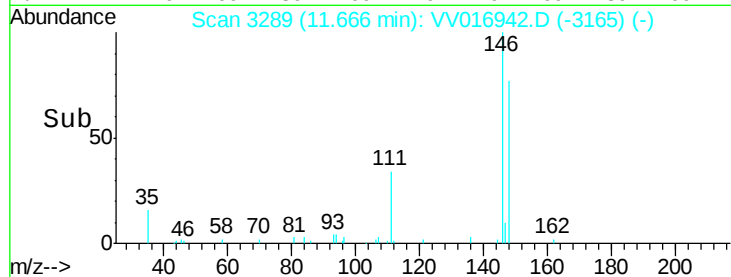
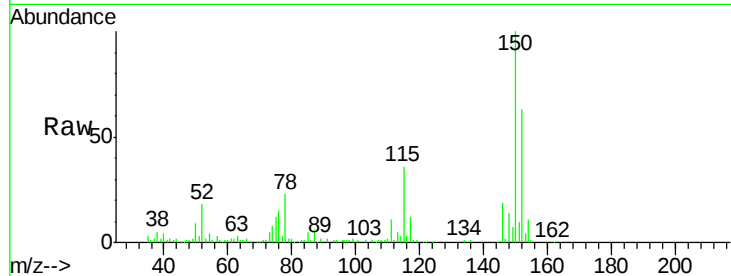
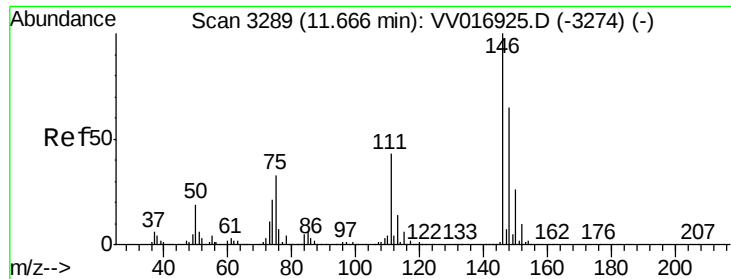
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#51
 Chlorobenzene
 Concen: 5.082 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV016942.D
 Acq: 15 Jun 2020 18:15

Tgt Ion:	112	Resp:	32326
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.3	41.3
77	66.3	47.9	71.9





#65

1,2-Dichlorobenzene

Concen: 2.276 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV016942.D

Acq: 15 Jun 2020 18:15

Instrument :

MSVOA_V

ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
146	100		
111	56.4	33.7	50.5#
148	74.8	50.7	76.1

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