

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
 Data File : VU035541.D
 Acq On : 29 Oct 2019 15:10
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102919

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:39:03 AM

Quant Time: Oct 30 06:09:05 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Wed Oct 30 05:38:55 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.16	96	90759	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.66	95	35201	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	37397	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	316935	8.916 ug/l	99
3) Chloromethane	1.54	50	419175	9.624 ug/l	100
4) Vinyl Chloride	1.62	62	413900	10.723 ug/l	99
5) Bromomethane	1.88	94	215124	10.963 ug/l	99
6) Chloroethane	1.95	64	241107	10.867 ug/l	99
7) Trichlorofluoromethane	2.16	101	498312	10.448 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	293478	11.354 ug/l	99
9) 1,1-Dichloroethene	2.61	96	289197	11.594 ug/l	98
10) Iodomethane	2.75	142	216420	12.257 ug/l	98
11) Allyl Chloride	2.96	41	460375	10.986 ug/l	98
12) Acrylonitrile	3.37	53	321050m	51.278 ug/l	
13) Acetone	2.67	43	398846	65.633 ug/l	100
14) Carbon Disulfide	2.82	76	959604	10.881 ug/l	100
15) Methylene Chloride	3.08	84	326473	10.179 ug/l	99
16) trans-1,2-Dichloroethene	3.39	96	308452	11.246 ug/l	99
17) 1,1-Dichloroethane	3.92	63	565649	11.008 ug/l	100
18) 2-Butanone	4.79	43	449576	57.080 ug/l	100
19) Cyclohexane	5.43	56	506621m	12.442 ug/l	
20) Methylcyclohexane	6.80	83	516204	12.358 ug/l	100
21) 2,2-Dichloropropane	4.72	77	474965	10.711 ug/l	99
22) cis-1,2-Dichloroethene	4.72	96	334519	11.396 ug/l	99
23) Diethyl Ether	2.41	59	219413	10.668 ug/l	98
24) tert-Butyl Alcohol	3.26	59	117931	51.446 ug/l	98
25) Methyl tert-Butyl Ether	3.43	73	703304	10.517 ug/l	99
26) Bromochloromethane	5.03	128	136194	10.390 ug/l	100
27) Chloroform	5.14	83	550887	10.035 ug/l	99
28) 1,1,1-Trichloroethane	5.36	97	470681	10.822 ug/l	100
29) 1,1-Dichloropropene	5.57	75	429594	11.778 ug/l	99
30) Carbon Tetrachloride	5.57	117	429366	11.099 ug/l	99
31) Isopropyl Ether	4.07	45	892783	12.442 ug/l #	1
34) Propionitrile	4.85	54	238202	104.416 ug/l	98
35) Benzene	5.82	78	1263441	11.352 ug/l	99
36) 1,2-Dichloroethane	5.84	62	342445	10.739 ug/l	99
37) Trichloroethene	6.58	130	340260	11.006 ug/l	100
38) 1,2-Dichloropropane	6.83	63	334311	10.954 ug/l	98
39) Methacrylonitrile	5.04	41	97513	11.384 ug/l	98
40) Methyl acrylate	4.91	55	163366	12.526 ug/l #	94
41) Tetrahydrofuran	5.13	42	253835	57.643 ug/l #	37
42) 1-Chlorobutane	5.50	56	584345	11.644 ug/l	99
43) Dibromomethane	6.96	93	165885	10.881 ug/l	97
44) Bromodichloromethane	7.15	83	415115	10.927 ug/l	100

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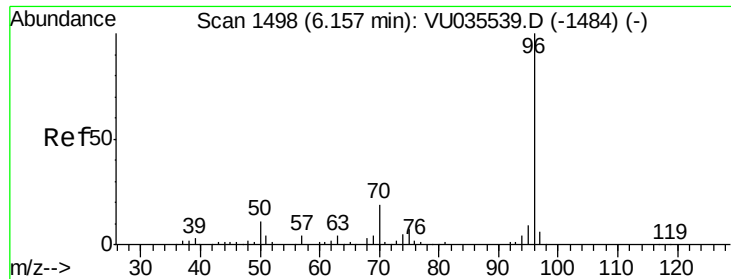
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:38:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.84	43	934671	57.491	ug/l	99
46) t-1,4-Dichloro-2-butene	10.87	75	86600m	14.656	ug/l	
47) Methyl methacrylate	7.01	69	143690	11.380	ug/l	99
48) Ethyl methacrylate	8.38	69	296787	13.451	ug/l	99
49) Toluene	8.01	92	794953	12.419	ug/l	99
50) t-1,3-Dichloropropene	8.25	75	417434	12.408	ug/l	100
51) cis-1,3-Dichloropropene	7.65	75	489148	12.256	ug/l	99
52) 1,1,2-Trichloroethane	8.44	97	236042	11.047	ug/l	98
53) 1,3-Dichloropropane	8.61	76	414455	11.446	ug/l	99
54) 2-Hexanone	8.73	43	713521	61.759	ug/l	99
55) Dibromochloromethane	8.84	129	288972	11.077	ug/l	100
56) 1,2-Dibromoethane	8.96	107	232230	11.881	ug/l	99
58) Tetrachloroethene	8.58	164	322556	11.381	ug/l	98
59) Chlorobenzene	9.48	112	855005	11.584	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.56	131	313596	11.051	ug/l	99
61) Pentachloroethane	11.46	117	255628	11.055	ug/l	98
62) Hexachloroethane	12.50	117	239394	11.333	ug/l	98
63) Ethyl Benzene	9.60	91	1524753	13.302	ug/l	99
64) m/p-Xylenes	9.73	106	1204564	26.615	ug/l #	1
65) o-Xylene	10.13	106	554231	12.674	ug/l	99
66) Styrene	10.14	104	975795	13.480	ug/l	99
67) Bromoform	10.32	173	181149	11.192	ug/l	99
69) Isopropylbenzene	10.51	105	1518386	13.316	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	303541	10.655	ug/l #	64
71) 1,2,3-Trichloropropane	10.85	75	229869m	10.744	ug/l	
72) Bromobenzene	10.81	156	383879	12.084	ug/l	99
73) n-propylbenzene	10.93	120	420492	13.205	ug/l	99
74) 2-Chlorotoluene	11.01	126	367776	12.318	ug/l	99
75) 1,3,5-Trimethylbenzene	11.11	105	1304196	13.881	ug/l	100
76) 4-Chlorotoluene	11.12	126	388836	12.823	ug/l	98
77) tert-Butylbenzene	11.45	119	1241050	12.880	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	1305162	13.727	ug/l	99
79) sec-Butylbenzene	11.67	105	1516822	12.306	ug/l	100
80) Nitrobenzene	13.24	77	9127	9.560	ug/l	95
81) p-Isopropyltoluene	11.82	119	1394094	14.136	ug/l #	67
82) 1,3-Dichlorobenzene	11.77	146	732003	12.098	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	726436	12.519	ug/l	100
84) n-Butylbenzene	12.23	91	1233445	15.239	ug/l	99
85) 1,2-Dichlorobenzene	12.24	146	680927	11.951	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	46036	12.689	ug/l	99
87) 1,2,4-Trichlorobenzene	13.86	180	381124	14.233	ug/l	100
88) Hexachlorobutadiene	14.04	225	260556	12.277	ug/l	99
89) Naphthalene	14.11	128	609434	14.188	ug/l	99
90) 1,2,3-Trichlorobenzene	14.35	180	360055	13.784	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

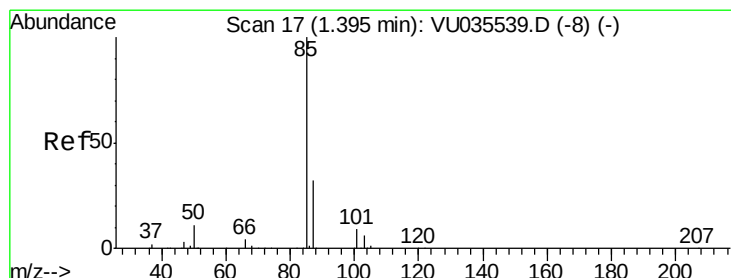
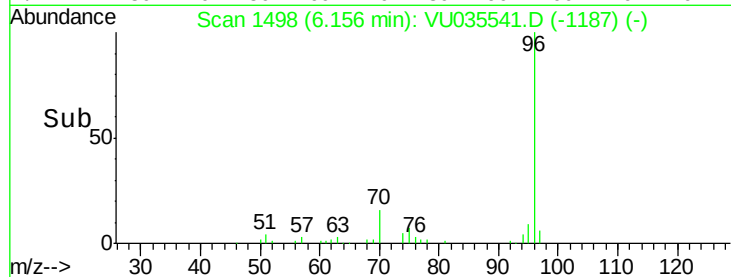
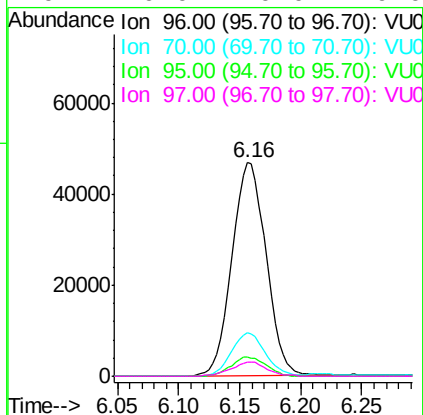
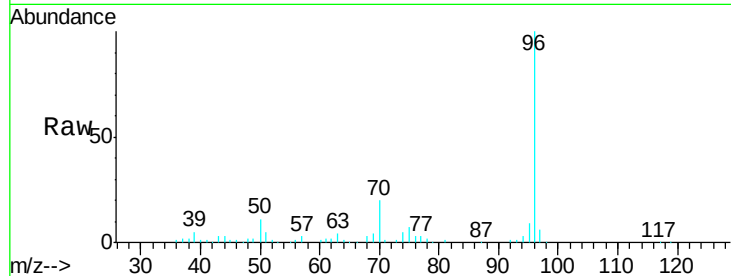
ClientSampleId :

ICVVU102919

Tgt Ion	Ratio	Lower	Upper
96	100		
70	19.6	15.8	23.8
95	9.1	7.4	11.2
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 8.916 ug/l

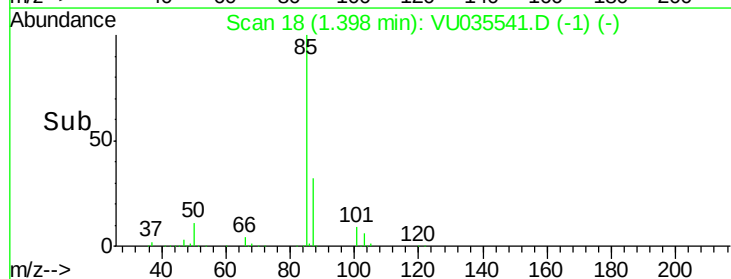
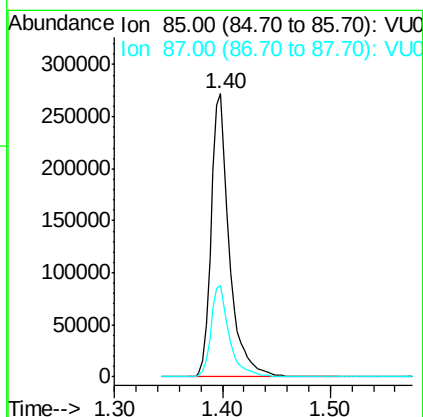
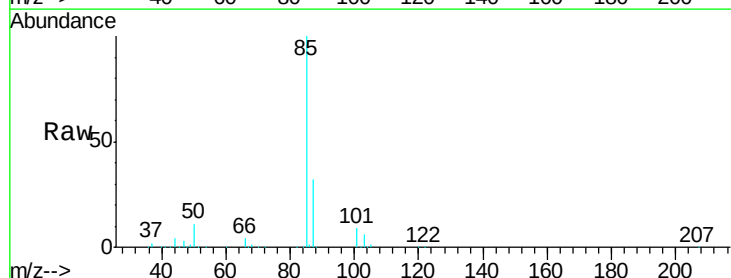
RT: 1.40 min Scan# 18

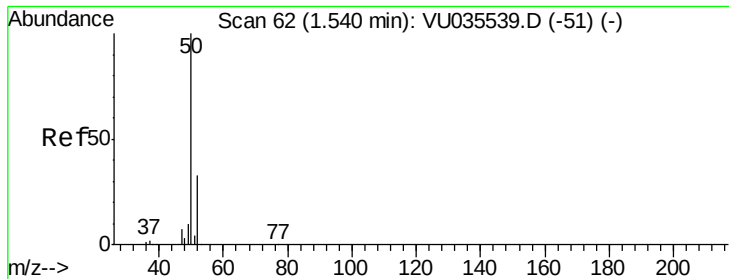
Delta R.T. 0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.8	47.4





#3

Chloromethane

Concen: 9.624 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion: 50 Resp: 419175

Ion Ratio Lower Upper

50 100

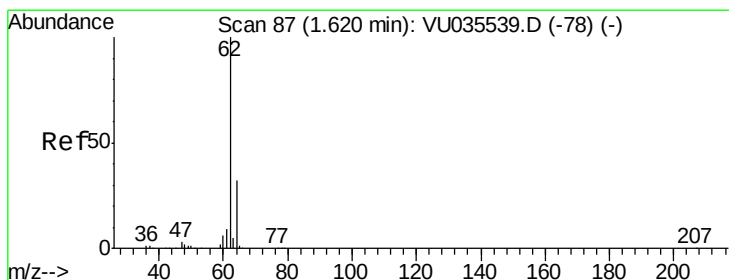
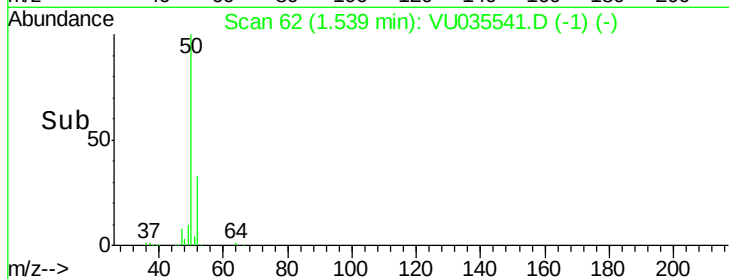
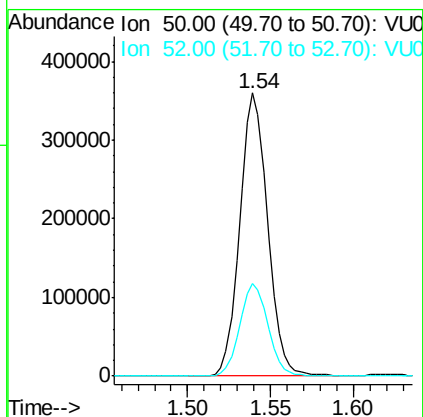
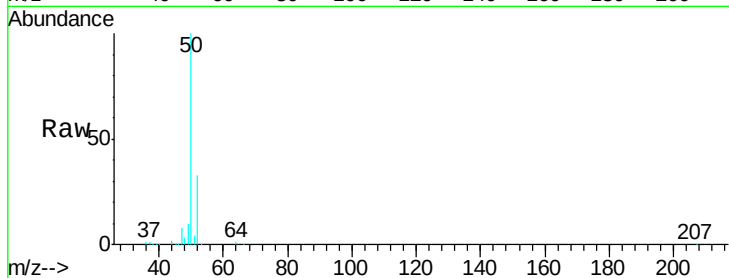
52 32.7 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 10.723 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035541.D

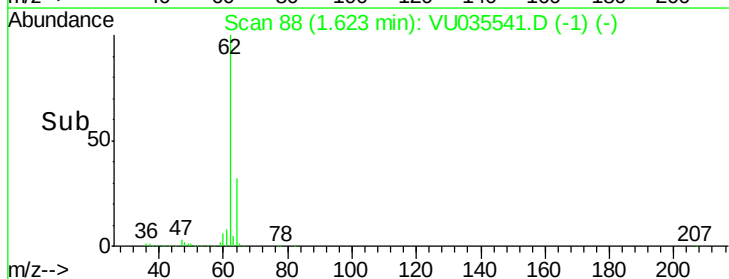
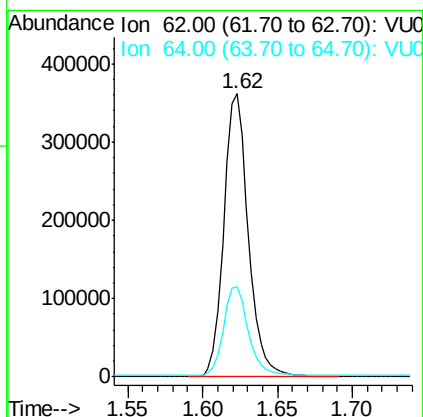
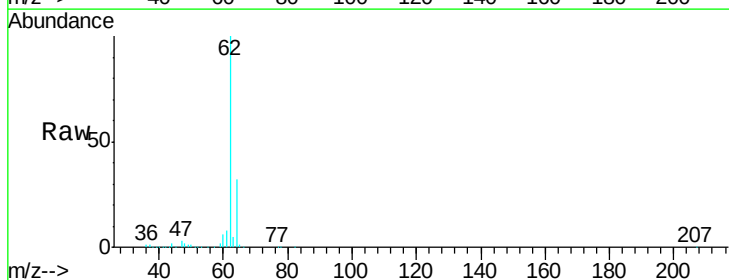
Acq: 29 Oct 2019 15:10

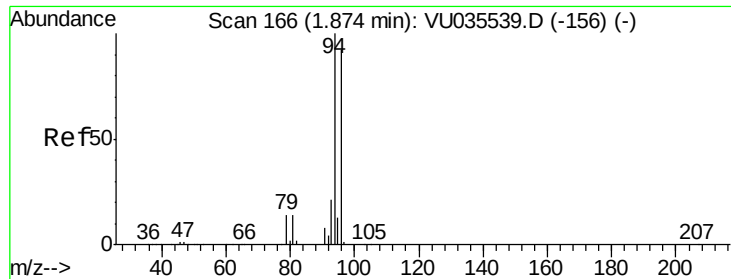
Tgt Ion: 62 Resp: 413900

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 10.963 ug/l

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion: 94 Resp: 215124

Ion Ratio Lower Upper

94 100

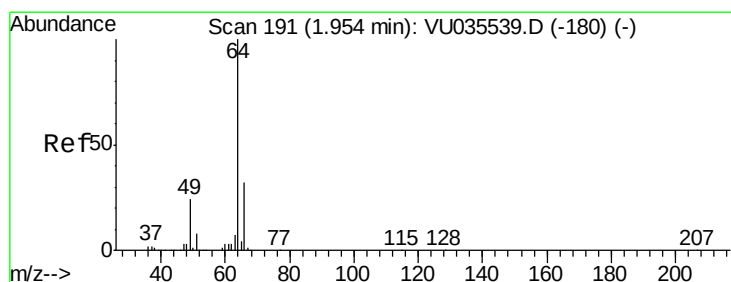
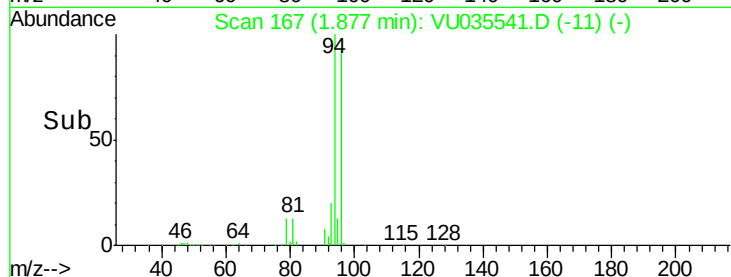
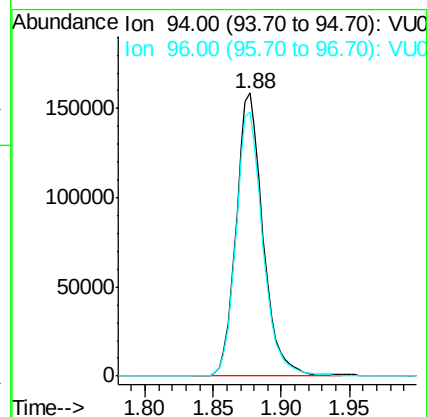
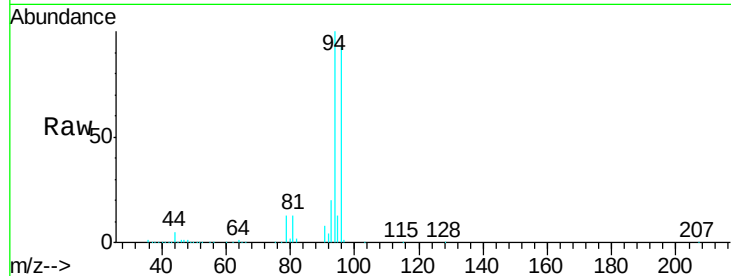
96 93.5 73.8 110.8

Manual Integrations

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#6

Chloroethane

Concen: 10.867 ug/l

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU035541.D

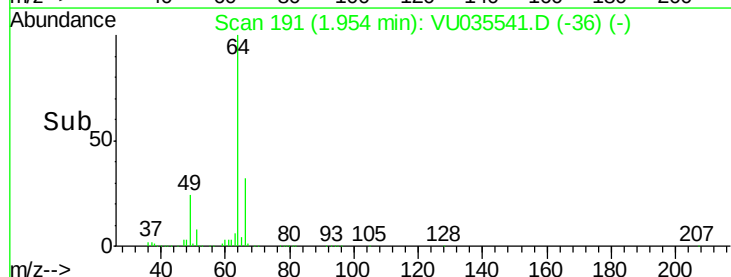
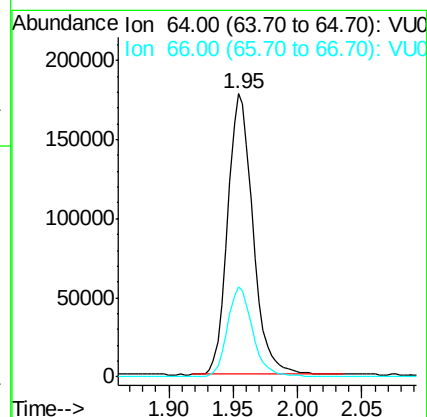
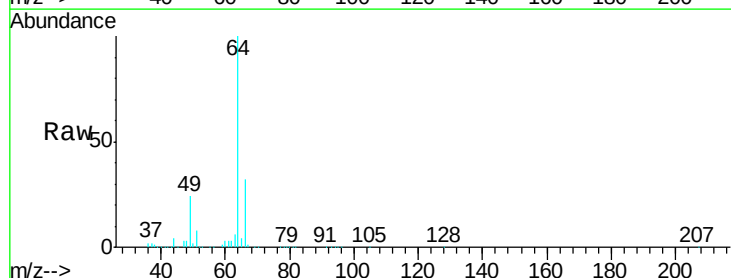
Acq: 29 Oct 2019 15:10

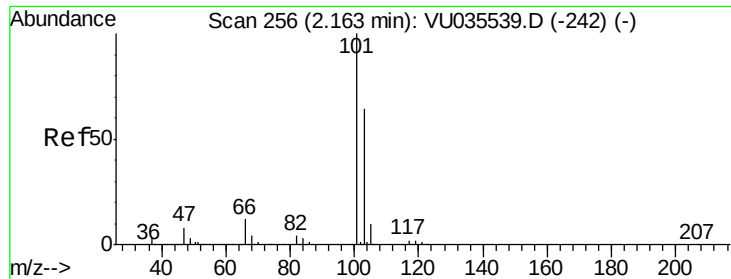
Tgt Ion: 64 Resp: 241107

Ion Ratio Lower Upper

64 100

66 32.1 25.9 38.9





#7

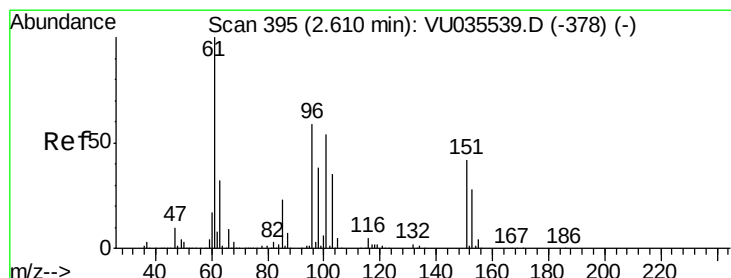
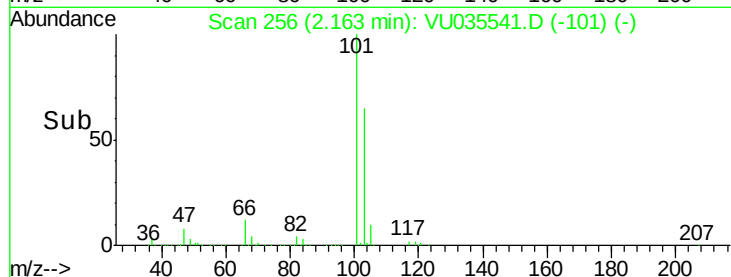
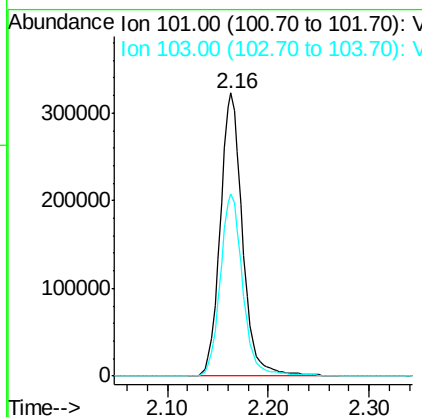
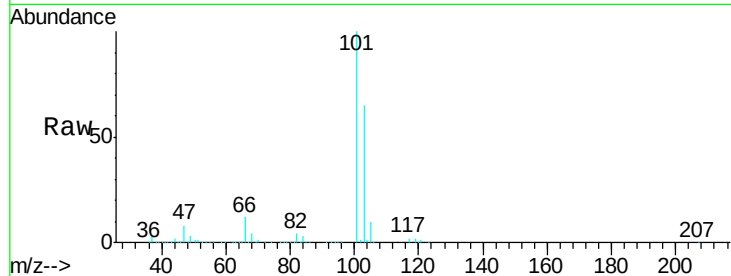
Trichlorofluoromethane
Concen: 10.448 ug/l
RT: 2.16 min Scan# 256
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102919

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	498312		
103	64.6	51.0	76.6	

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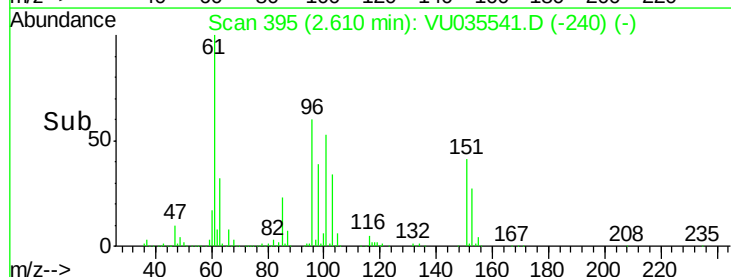
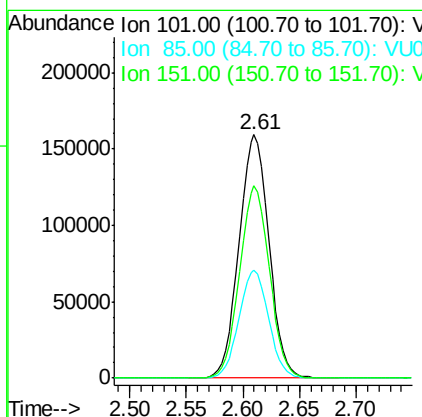
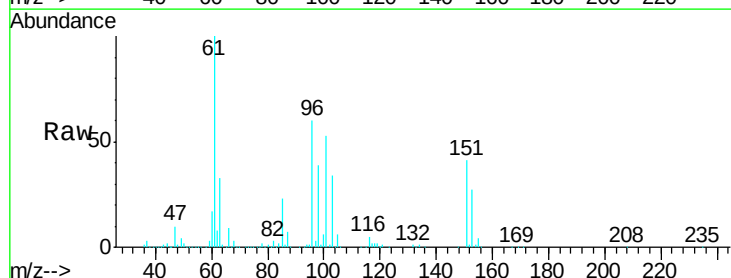
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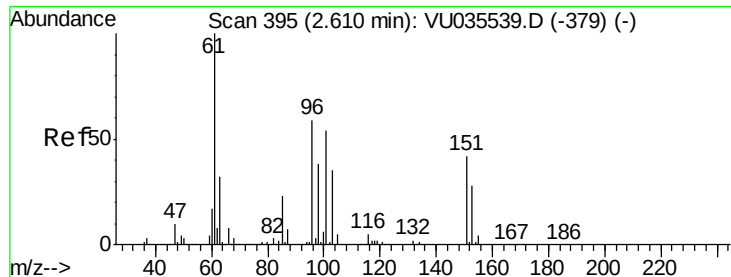


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.354 ug/l
RT: 2.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	293478		
85	44.1	35.8	53.6	
151	78.7	61.8	92.6	





#9

1,1-Dichloroethene

Concen: 11.594 ug/l

RT: 2.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

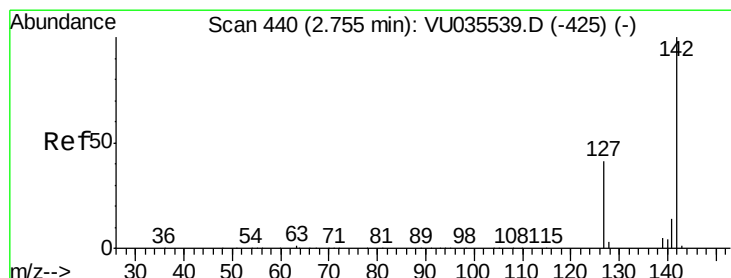
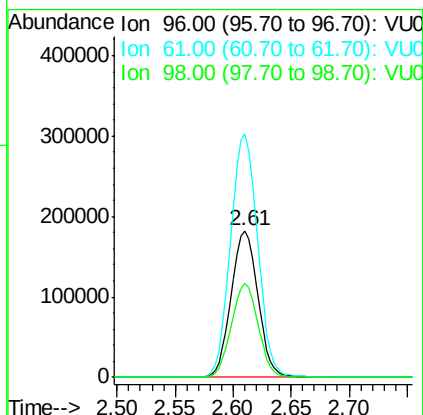
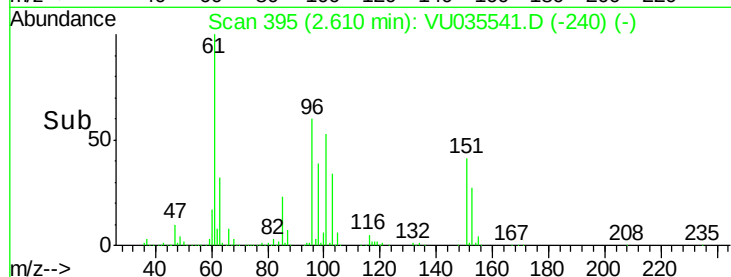
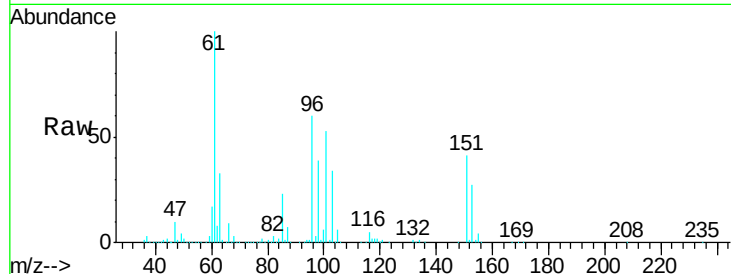
ClientSampleId :

ICVVU102919

Tgt Ion:	96	Resp:	289197
Ion	Ratio	Lower	Upper
96	100		
61	166.3	0.0	508.8
98	64.2	0.0	130.4

Manual Integrations
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10/30/2019 10:39:03 AM



#10

Iodomethane

Concen: 12.257 ug/l

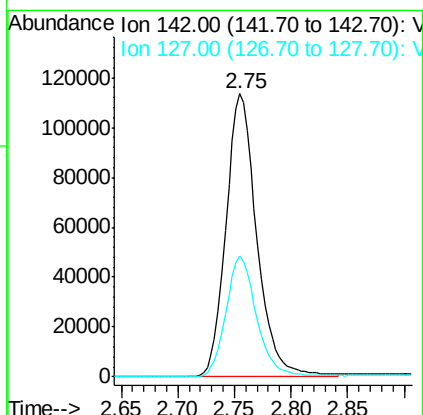
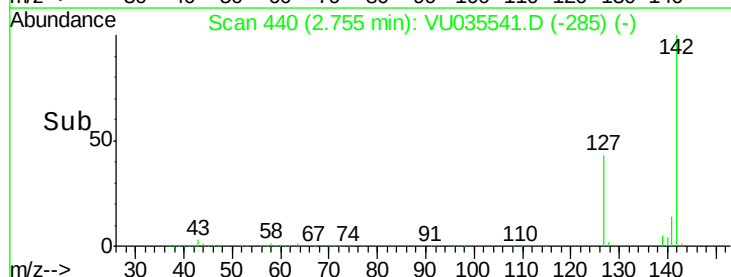
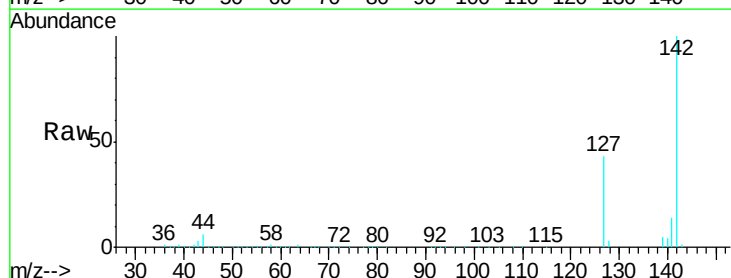
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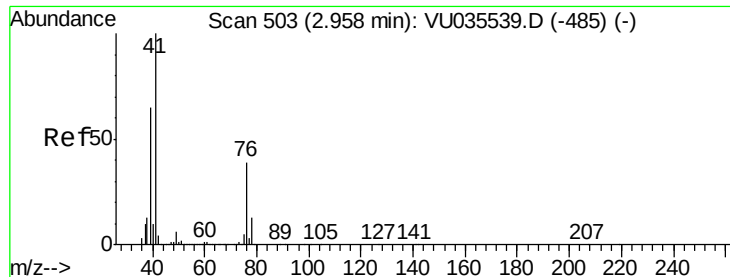
Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Tgt Ion:	142	Resp:	216420
Ion	Ratio	Lower	Upper
142	100		
127	42.9	33.4	50.0





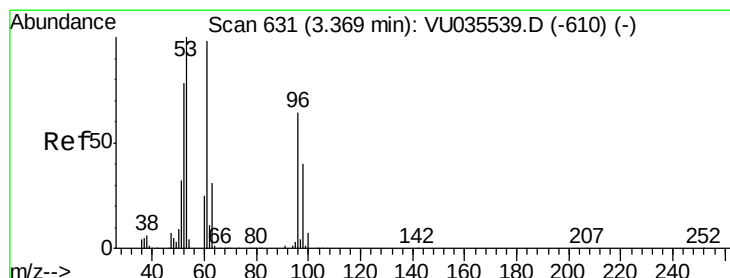
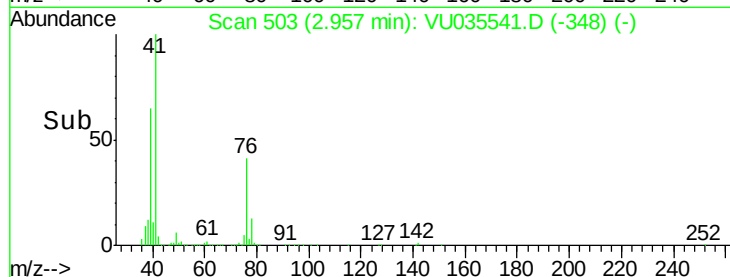
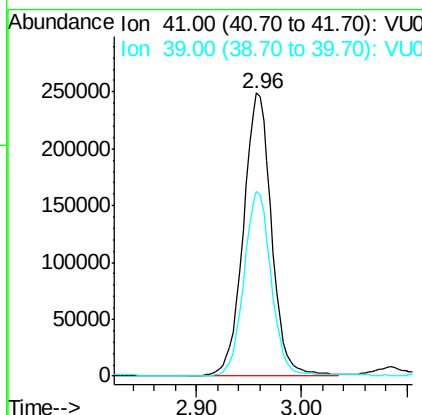
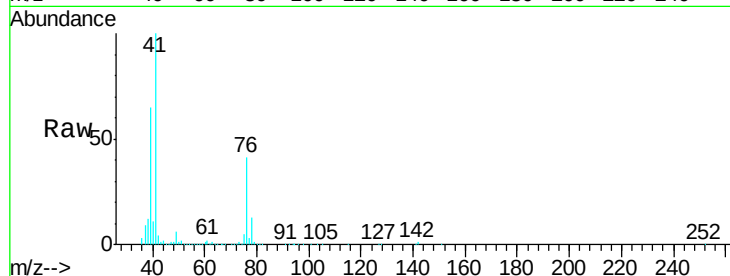
#11
 Allyl Chloride
 Concen: 10.986 ug/l
 RT: 2.96 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102919

Tgt Ion: 41 Resp: 460375
 Ion Ratio Lower Upper
 41 100
 39 63.3 52.0 78.0

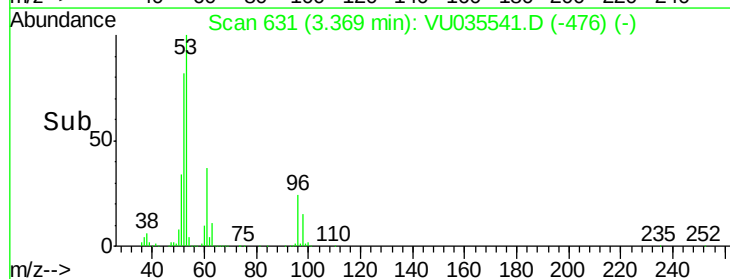
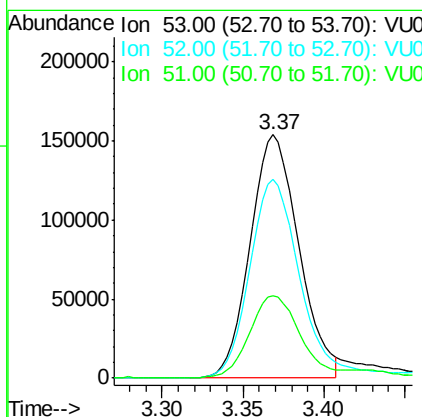
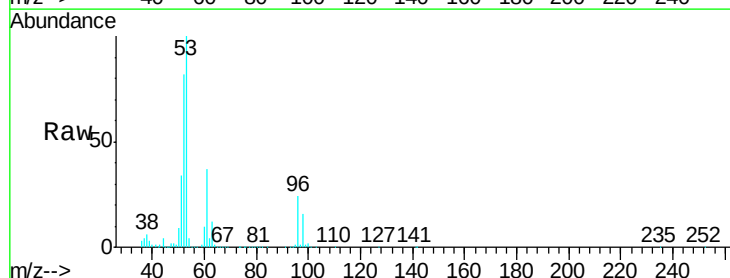
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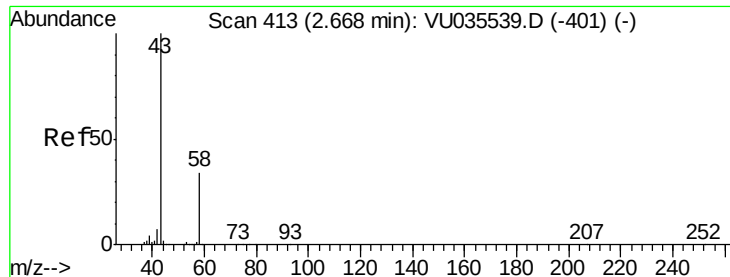
MMDadoda
 10/30/2019 10:39:03 AM



#12
 Acrylonitrile
 Concen: 51.278 ug/l m
 RT: 3.37 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Tgt Ion: 53 Resp: 321050
 Ion Ratio Lower Upper
 53 100
 52 86.5 67.4 101.0
 51 37.9 27.0 40.4





#13

Acetone

Concen: 65.633 ug/l

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion: 43 Resp: 398846

Ion Ratio Lower Upper

43 100

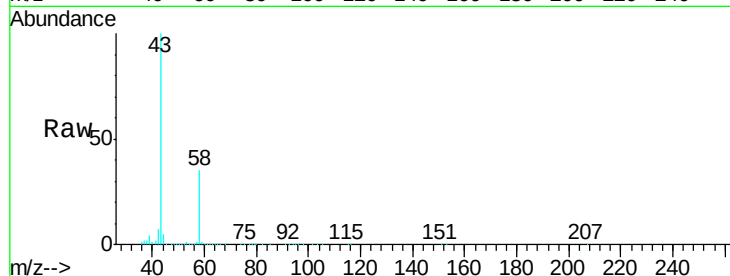
58 34.8 27.6 41.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU035539.D (-401) (-)

Ion 58.00 (57.70 to 58.70): VU035539.D (-401) (-)

250000

200000

150000

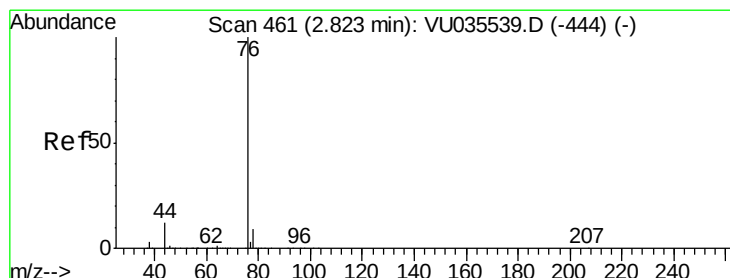
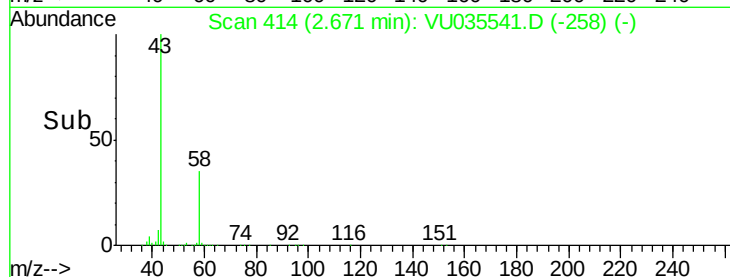
100000

50000

0

2.60 2.70 2.80

Time-->



#14

Carbon Disulfide

Concen: 10.881 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035541.D

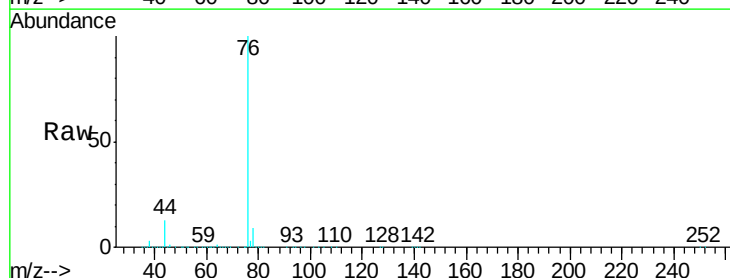
Acq: 29 Oct 2019 15:10

Tgt Ion: 76 Resp: 959604

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU035539.D (-444) (-)

Ion 78.00 (77.70 to 78.70): VU035539.D (-444) (-)

600000

500000

400000

300000

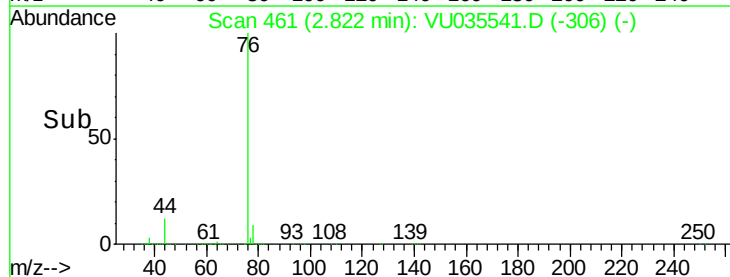
200000

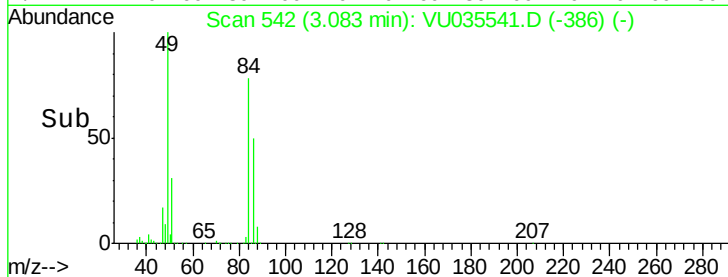
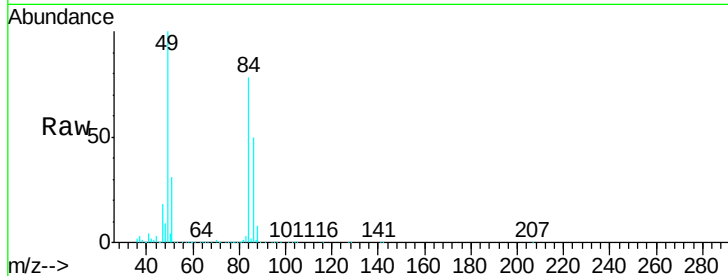
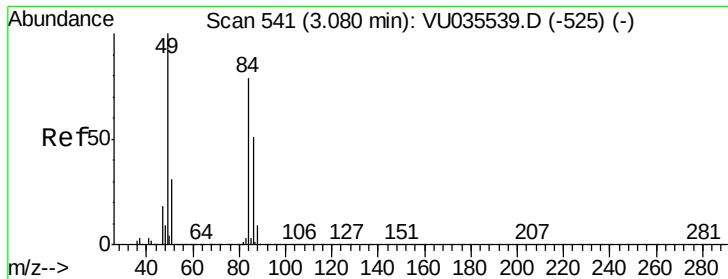
100000

0

2.70 2.80 2.90

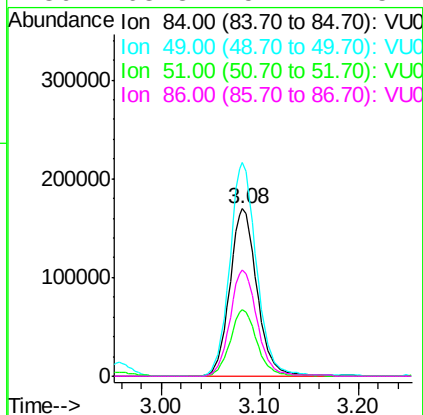
Time-->





#15
Methylene Chloride
Concen: 10.179 ug/l
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

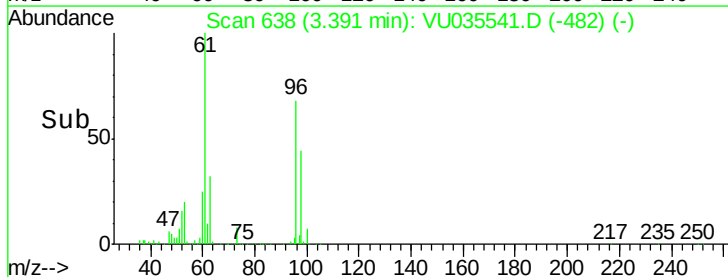
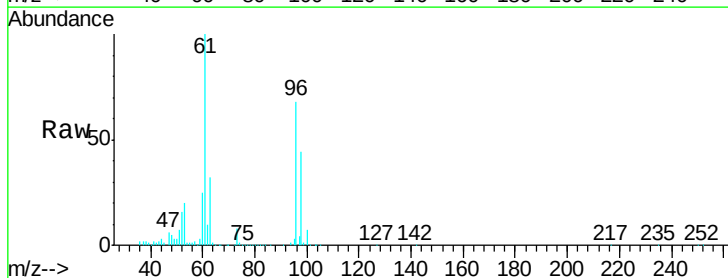
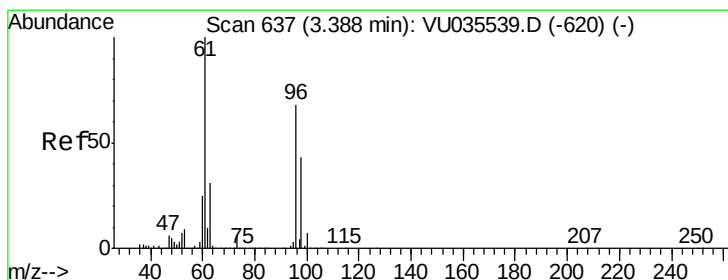
Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.4	101.5	152.3
51	39.5	0.0	78.6
86	63.3	52.2	78.2



Instrument :
MSVOA_U
ClientSampleId :
ICVVU102919

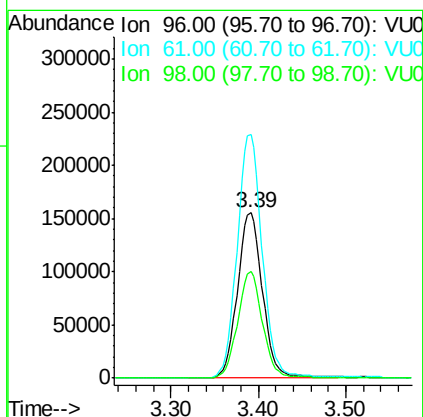
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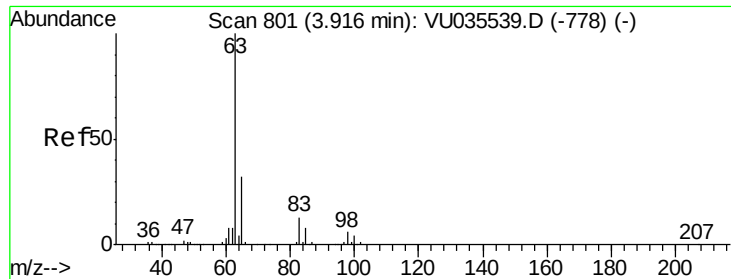
MMDadoda
10/30/2019 10:39:03 AM



#16
trans-1,2-Dichloroethene
Concen: 11.246 ug/l
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.2	117.8	176.8
98	64.4	50.2	75.2





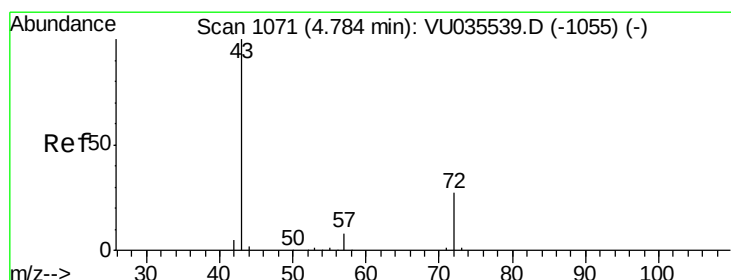
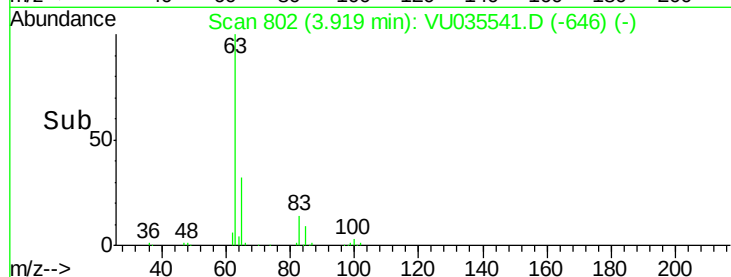
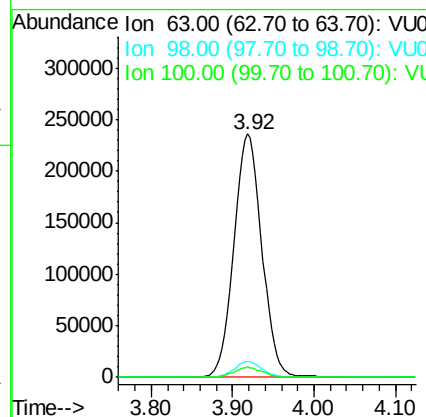
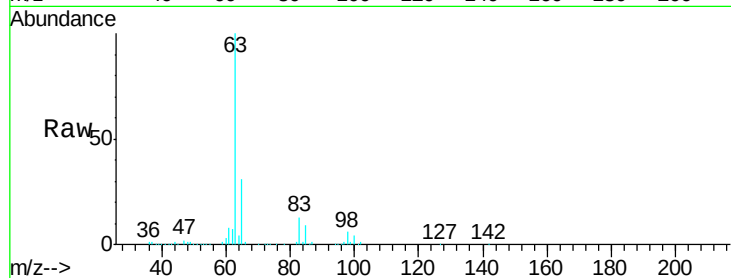
#17
 1,1-Dichloroethane
 Concen: 11.008 ug/l
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102919

Tgt Ion	Ratio	Resp Lower	Upper
63	100		
98	6.3	3.1	9.3
100	4.2	2.1	6.3

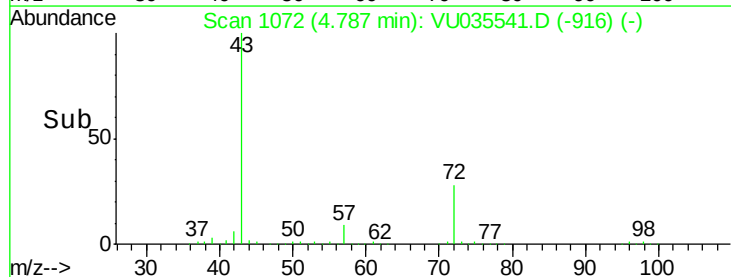
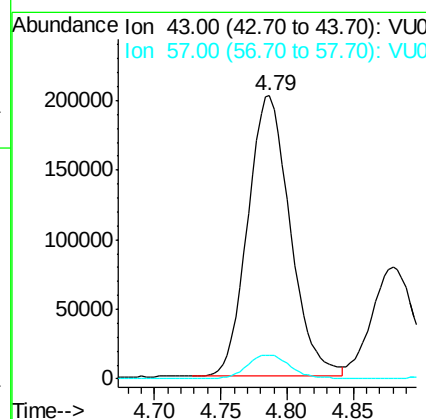
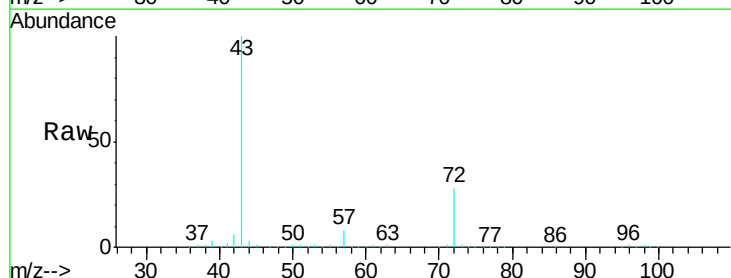
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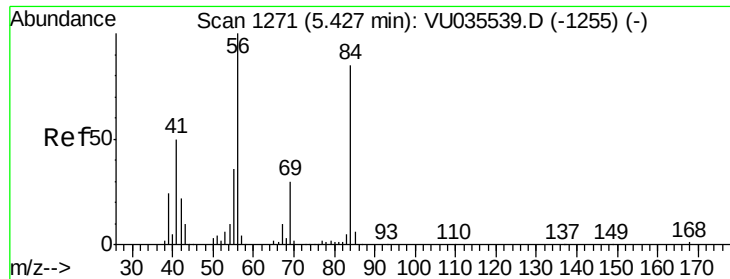
MMDadoda
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#18
 2-Butanone
 Concen: 57.080 ug/l
 RT: 4.79 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.4	0.0	17.0





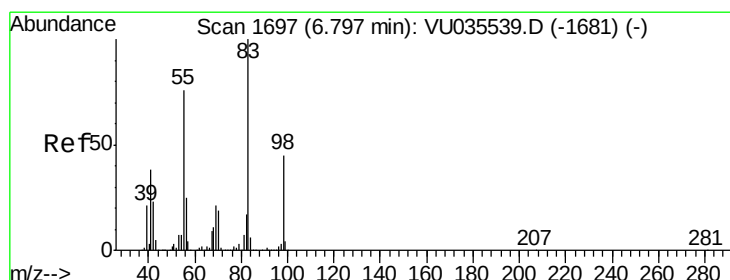
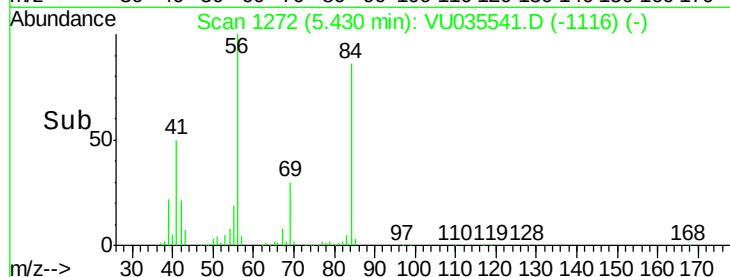
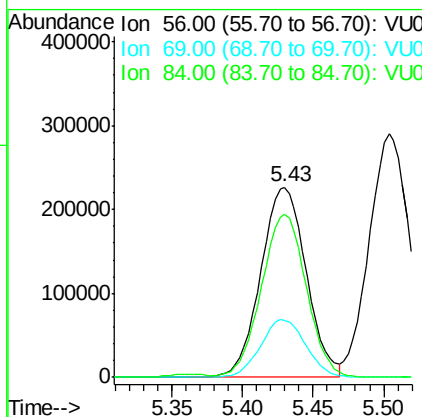
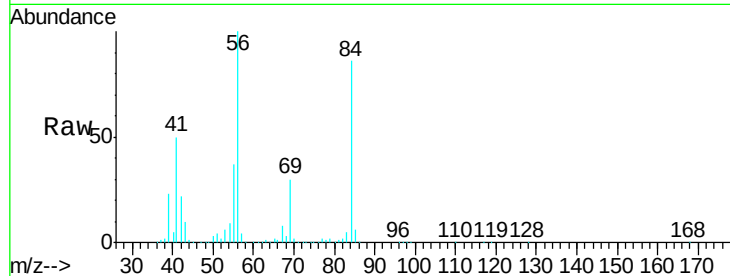
#19
Cyclohexane
Concen: 12.442 ug/l m
RT: 5.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102919

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.2	26.4	39.6
84	82.8	72.9	109.3

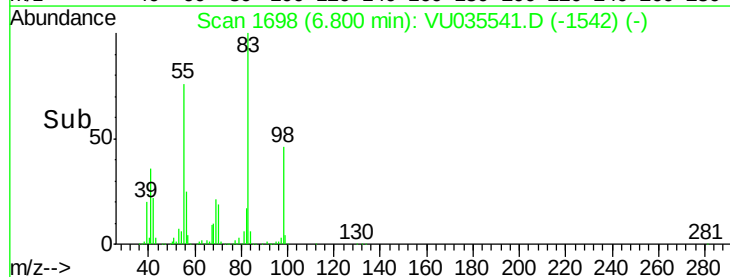
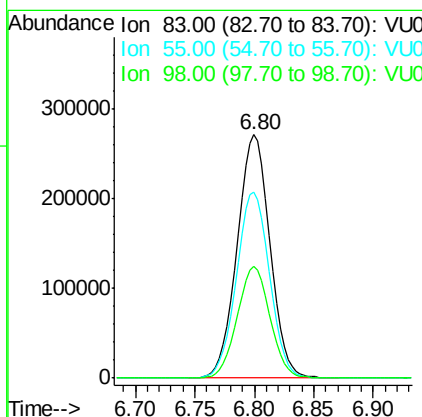
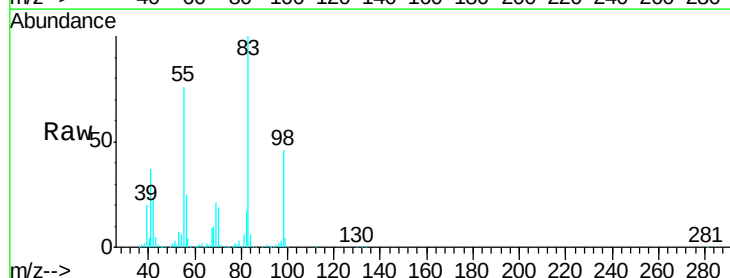
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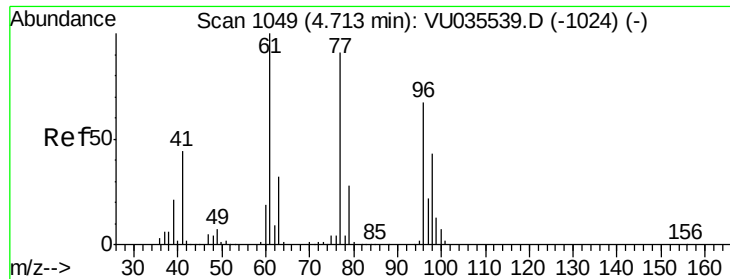
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#20
Methylcyclohexane
Concen: 12.358 ug/l
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.2	91.8
98	45.7	36.7	55.1





#21

2,2-Dichloropropane

Concen: 10.711 ug/l

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion: 77 Resp: 474965

Ion Ratio Lower Upper

77 100

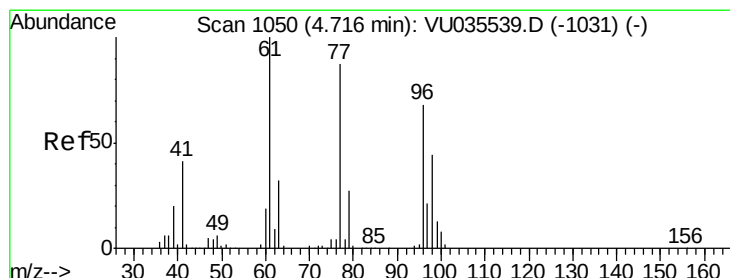
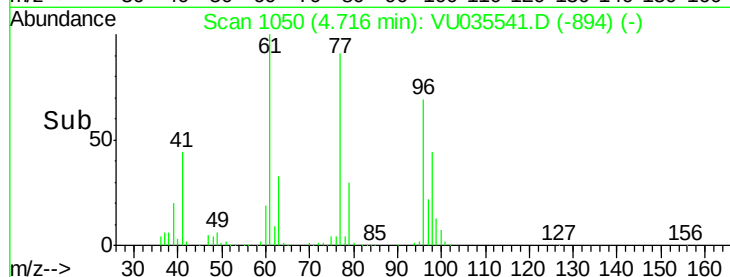
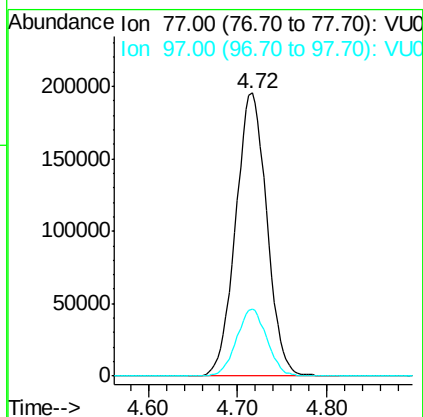
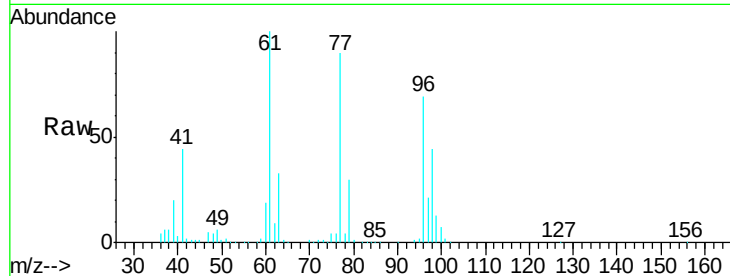
97 23.1 18.8 28.2

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 11.396 ug/l

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

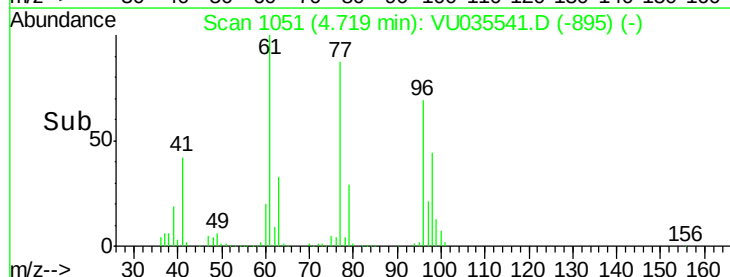
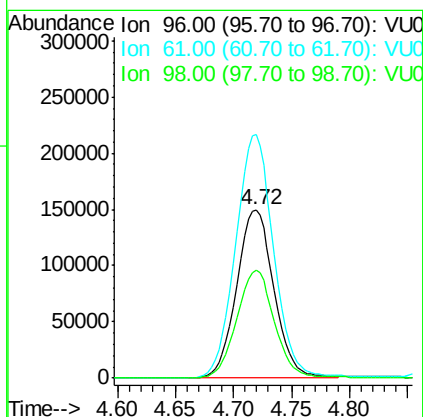
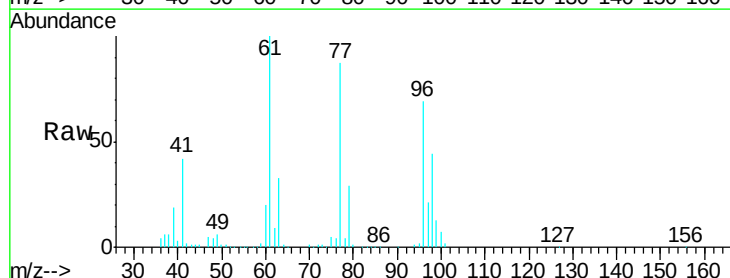
Tgt Ion: 96 Resp: 334519

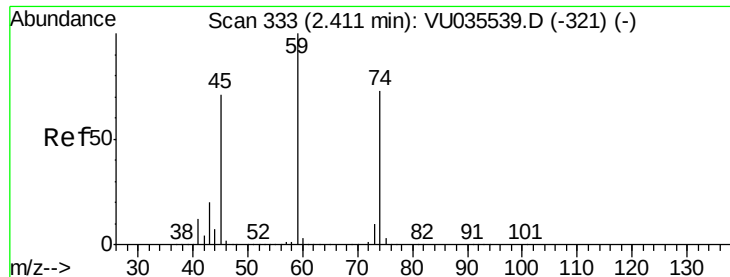
Ion Ratio Lower Upper

96 100

61 148.4 0.0 370.5

98 65.0 31.8 95.4





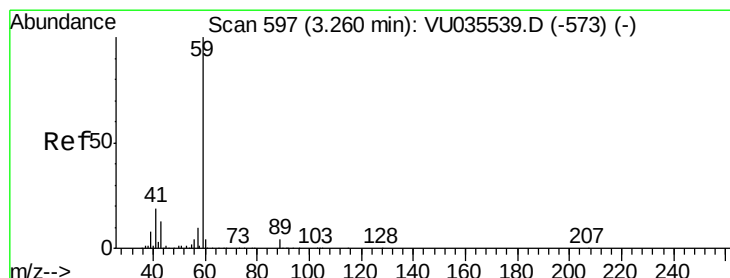
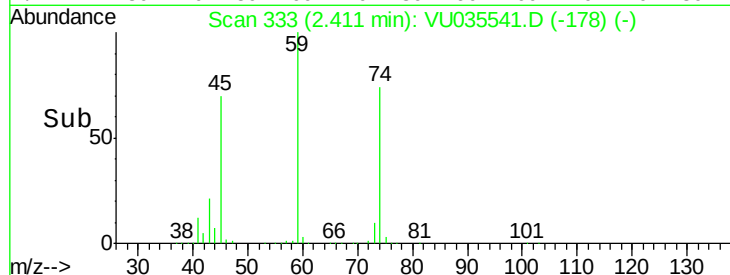
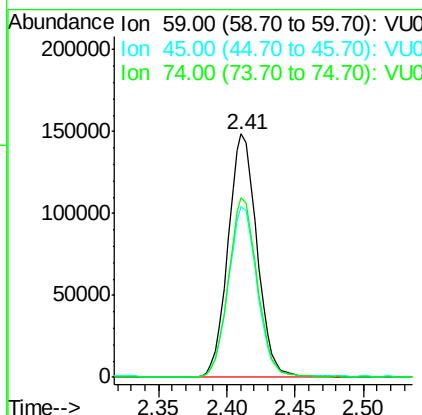
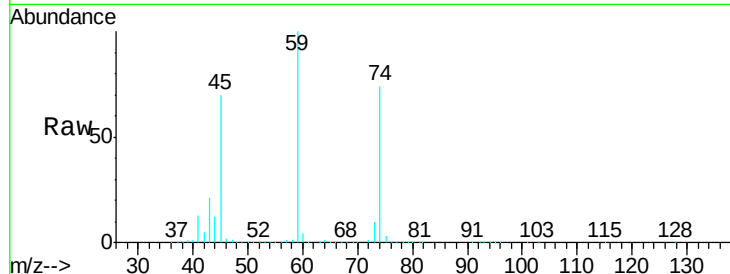
#23
Diethyl Ether
Concen: 10.668 ug/l
RT: 2.41 min Scan# 333
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102919

Tgt Ion	Ratio	Lower	Upper
59	100		
45	69.5	56.9	85.3
74	73.3	59.5	89.3

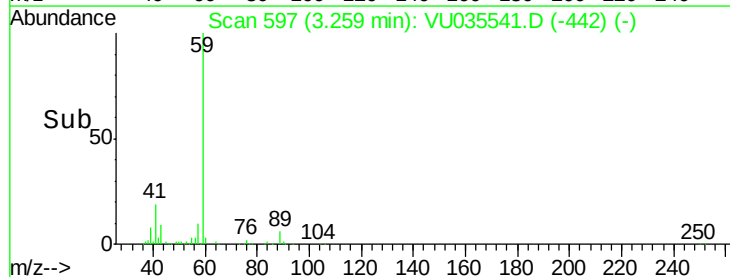
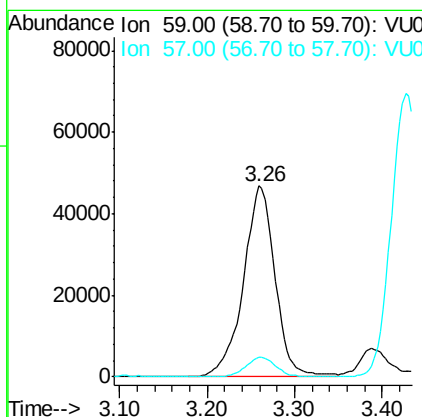
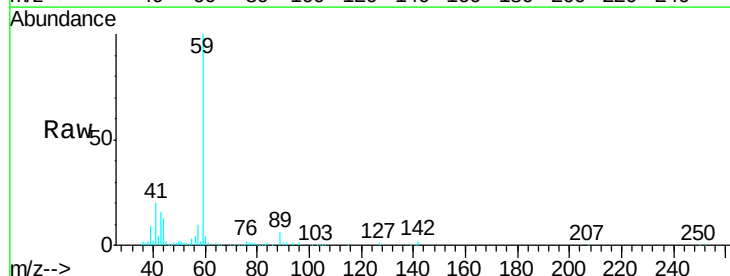
Manual Integrations
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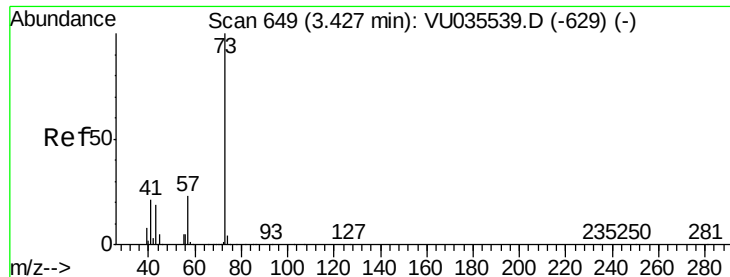
MMDadoda
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#24
tert-Butyl Alcohol
Concen: 51.446 ug/l
RT: 3.26 min Scan# 597
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.4	11.0





#25

Methyl tert-Butyl Ether

Concen: 10.517 ug/l

RT: 3.43 min Scan# 649

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion: 73 Resp: 703304

Ion Ratio Lower Upper

73 100

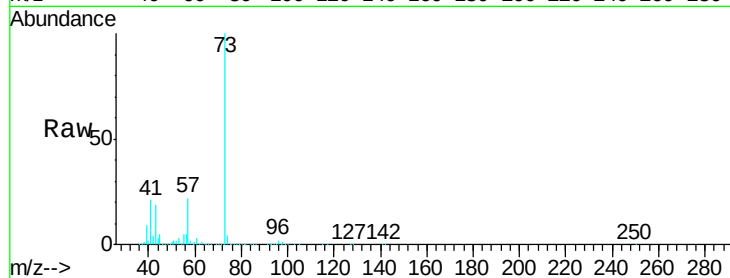
43 18.9 15.4 23.2

Manual Integrations

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Abundance Ion 73.00 (72.70 to 73.70): VU035539.D (-629) (-)

Ion 43.00 (42.70 to 43.70): VU035539.D (-629) (-)

3.43

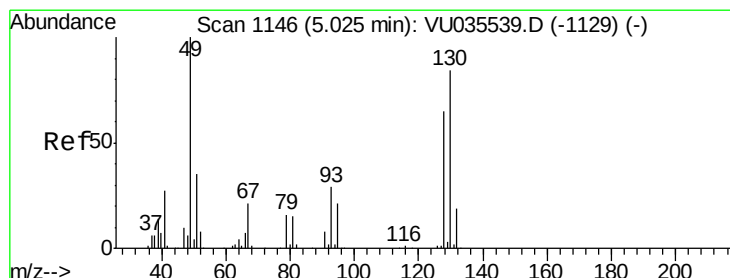
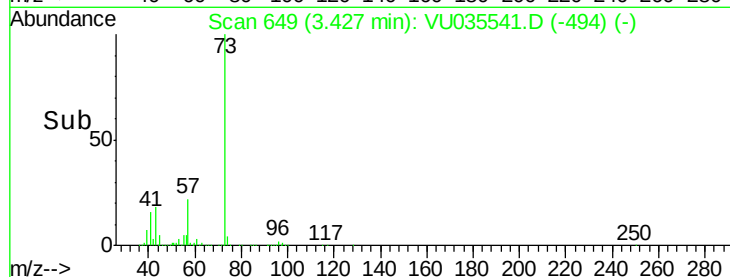
300000

200000

100000

0

Time-->



#26

Bromochloromethane

Concen: 10.390 ug/l

RT: 5.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

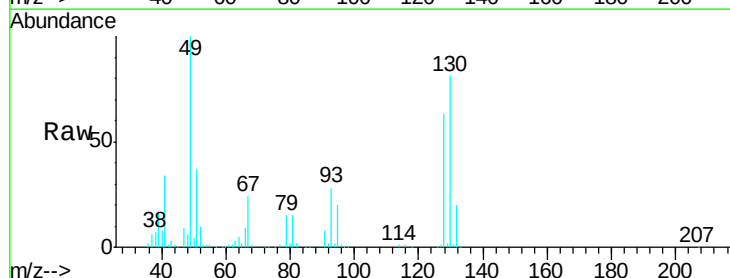
Tgt Ion: 128 Resp: 136194

Ion Ratio Lower Upper

128 100

49 155.0 0.0 309.0

130 127.8 101.8 152.8



Abundance Ion 128.00 (127.70 to 128.70): VU035539.D (-1129) (-)

Ion 49.00 (48.70 to 49.70): VU035539.D (-1129) (-)

Ion 130.00 (129.70 to 130.70): VU035539.D (-1129) (-)

5.03

120000

100000

80000

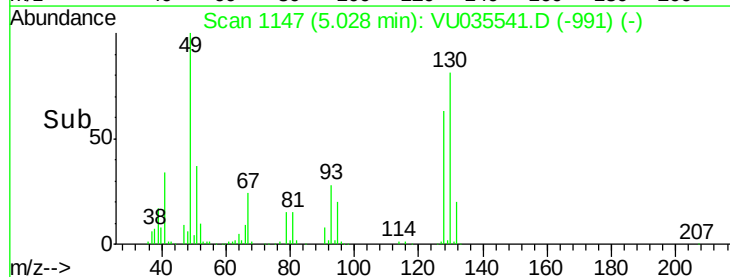
60000

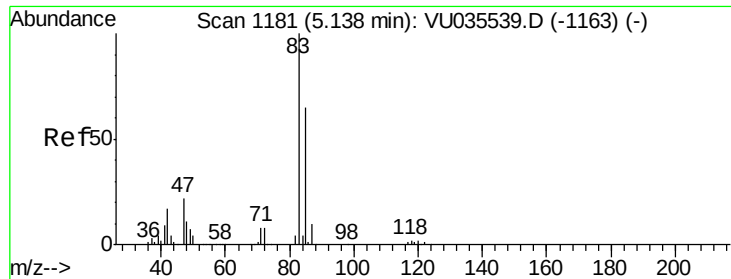
40000

20000

0

Time-->





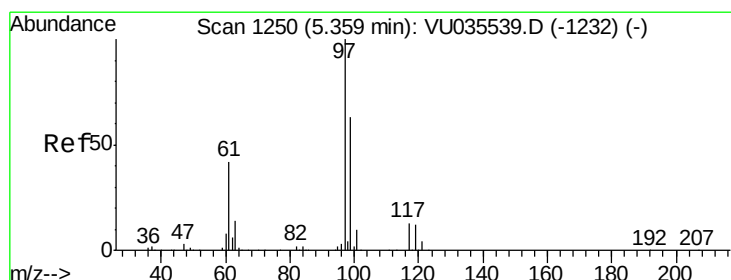
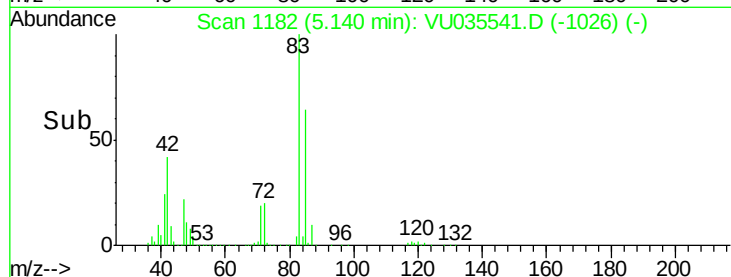
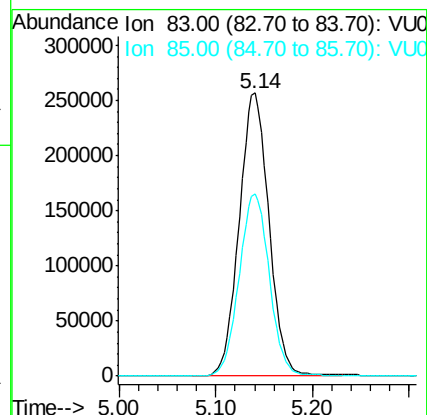
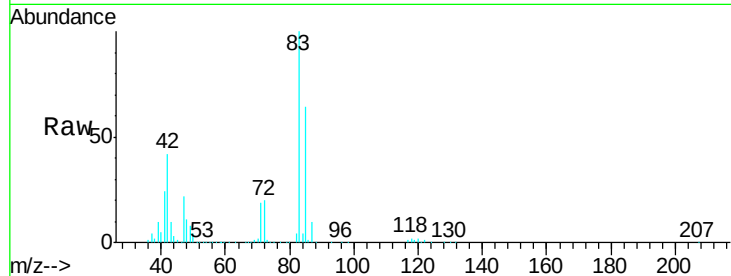
#27
Chloroform
Concen: 10.035 ug/l
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102919

Tgt Ion: 83 Resp: 550887
Ion Ratio Lower Upper
83 100
85 64.4 0.0 130.6

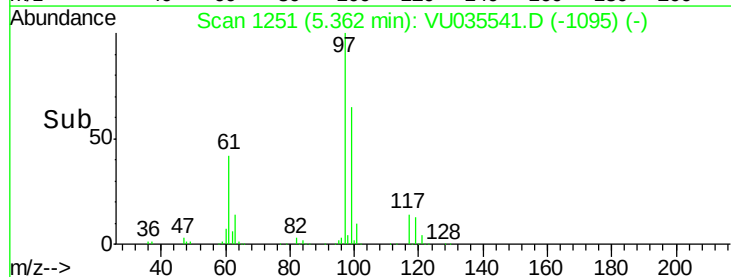
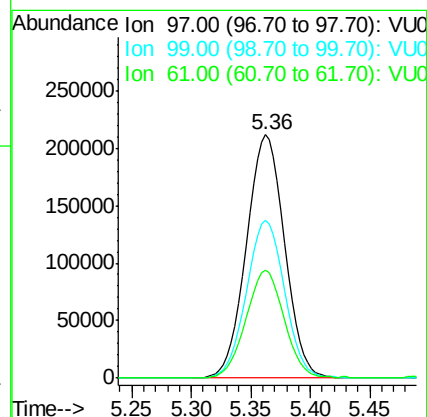
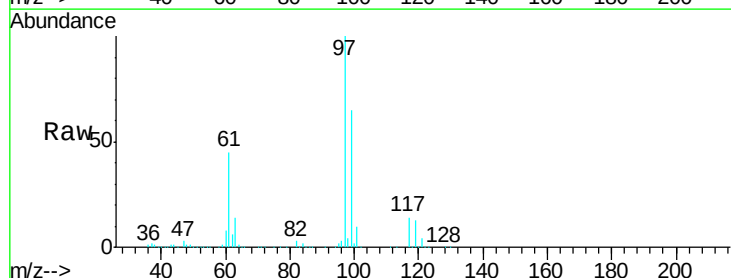
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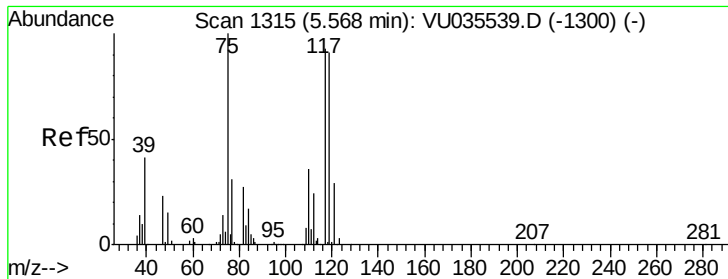
MMDadoda
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#28
1,1,1-Trichloroethane
Concen: 10.822 ug/l
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Tgt Ion: 97 Resp: 470681
Ion Ratio Lower Upper
97 100
99 65.1 32.6 97.7
61 44.2 21.8 65.4





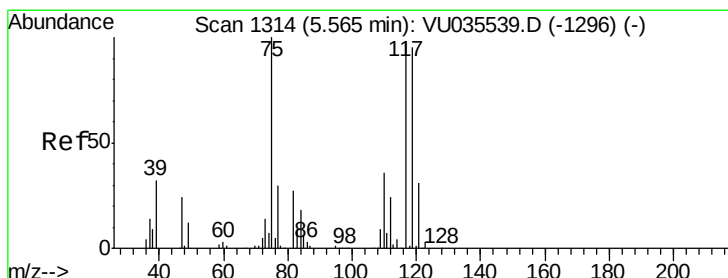
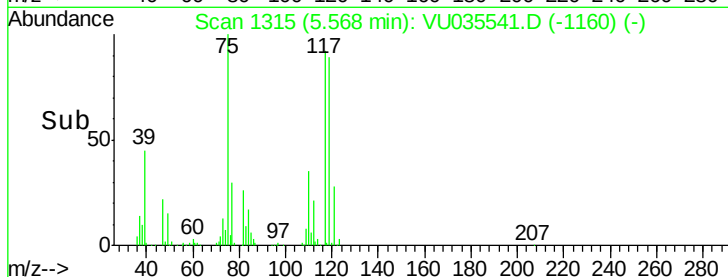
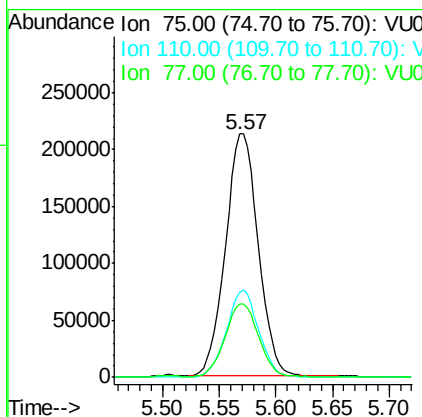
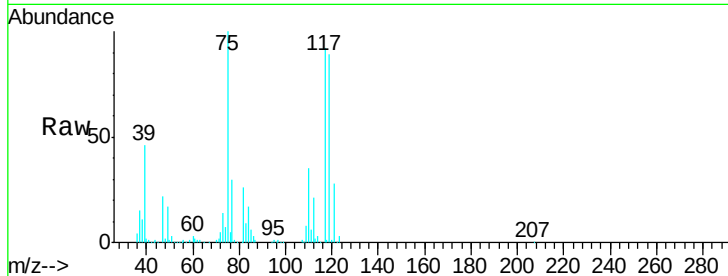
#29
 1,1-Dichloropropene
 Concen: 11.778 ug/l
 RT: 5.57 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102919

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.3	54.8
77	30.7	24.6	37.0

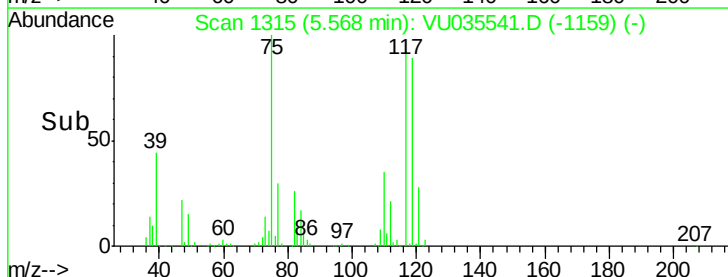
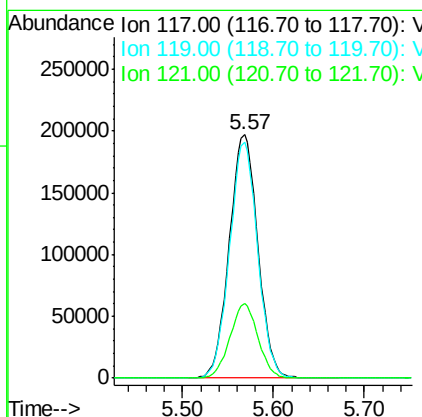
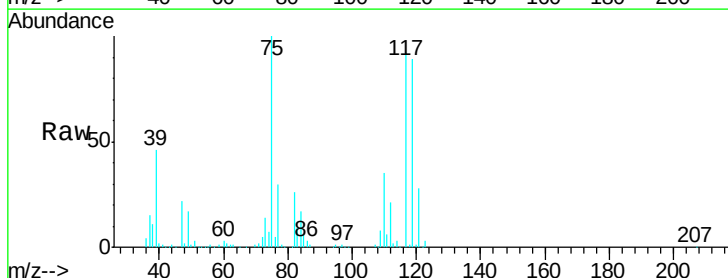
Manual Integrations
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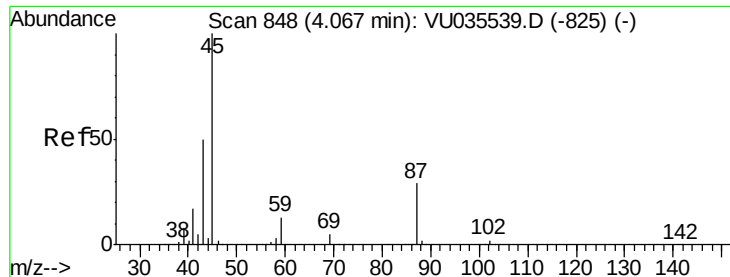
MMDadoda
 10/30/2019 10:39:03 AM



#30
 Carbon Tetrachloride
 Concen: 11.099 ug/l
 RT: 5.57 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.3	115.9
121	30.6	25.2	37.8





#31

Isopropyl Ether

Concen: 12.442 ug/l

RT: 4.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion: 45 Resp: 892783

Ion Ratio Lower Upper

45 100

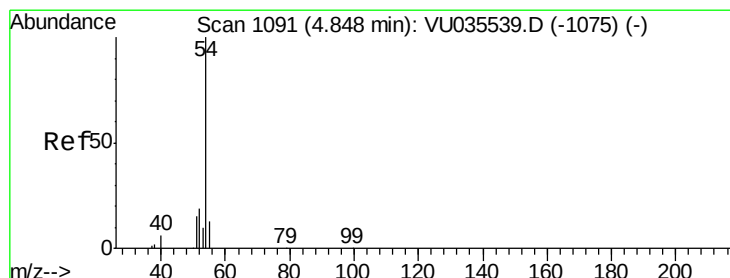
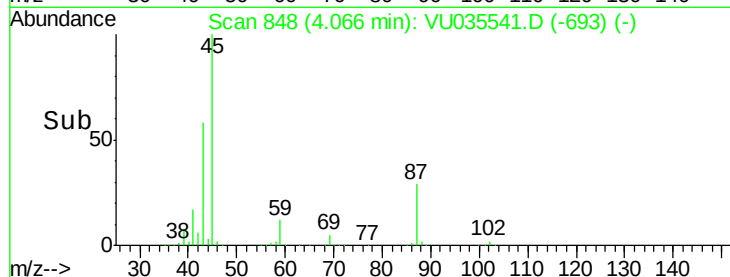
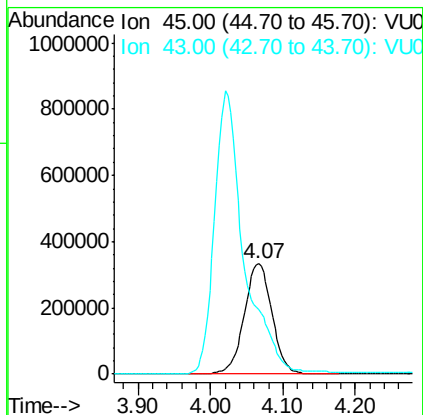
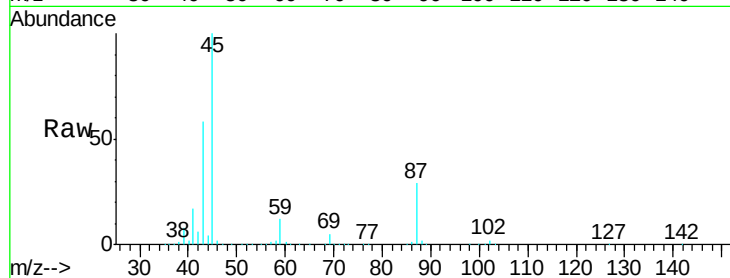
43 271.5 25.3 75.8#

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#34

Propionitrile

Concen: 104.416 ug/l

RT: 4.85 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Tgt Ion: 54 Resp: 238202

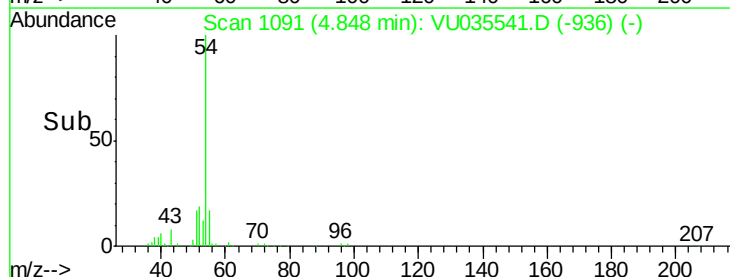
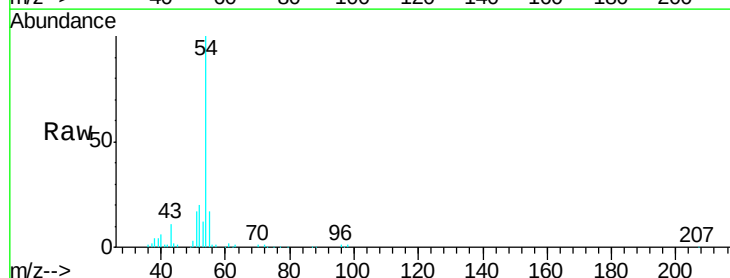
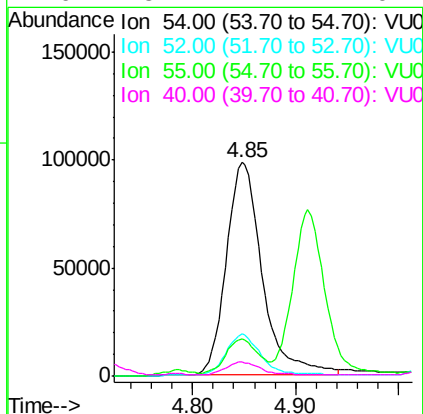
Ion Ratio Lower Upper

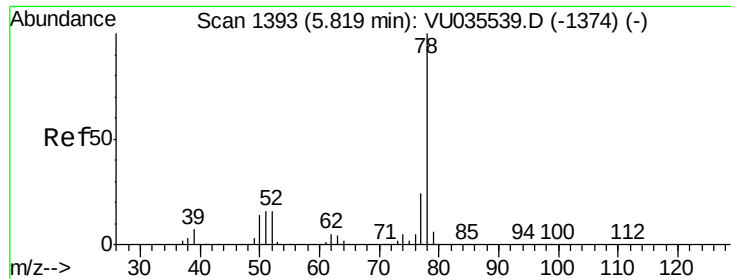
54 100

52 19.1 14.6 21.8

55 15.5 11.7 17.5

40 5.4 4.2 6.2





#35

Benzene

Concen: 11.352 ug/l

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion: 78 Resp: 1263441

Ion Ratio Lower Upper

78 100

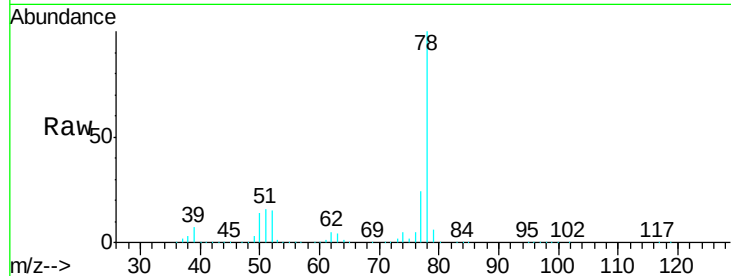
77 24.2 19.0 28.4

Manual Integrations

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Abundance Ion 78.10 (77.80 to 78.80): VU035539.D (-1374) (-)

Ion 77.00 (76.70 to 77.70): VU035539.D (-1374) (-)

5.82

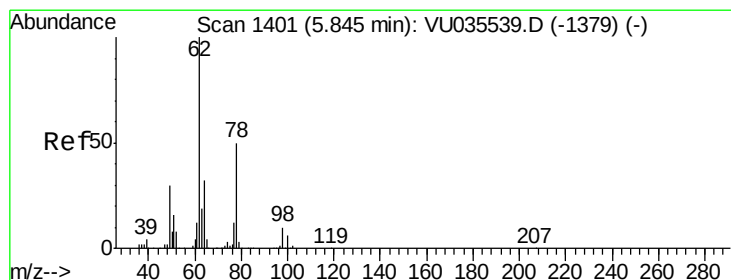
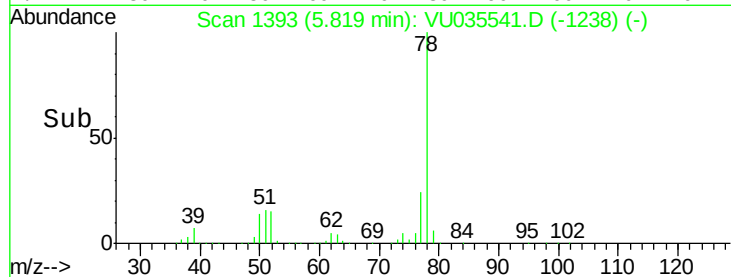
600000

400000

200000

0

Time-->



#36

1,2-Dichloroethane

Concen: 10.739 ug/l

RT: 5.84 min Scan# 1401

Delta R.T. -0.00 min

Lab File: VU035541.D

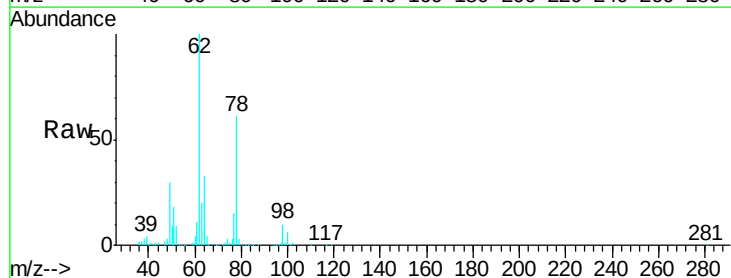
Acq: 29 Oct 2019 15:10

Tgt Ion: 62 Resp: 342445

Ion Ratio Lower Upper

62 100

98 9.7 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VU035539.D (-1379) (-)

Ion 98.00 (97.70 to 98.70): VU035539.D (-1379) (-)

5.84

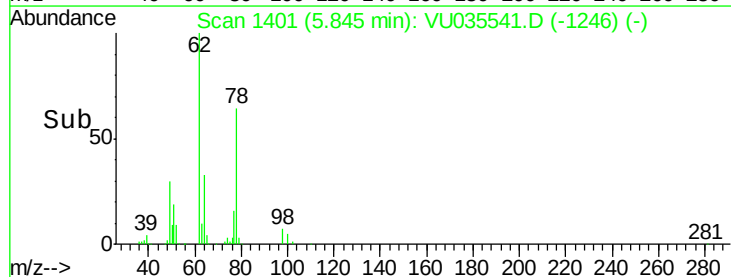
150000

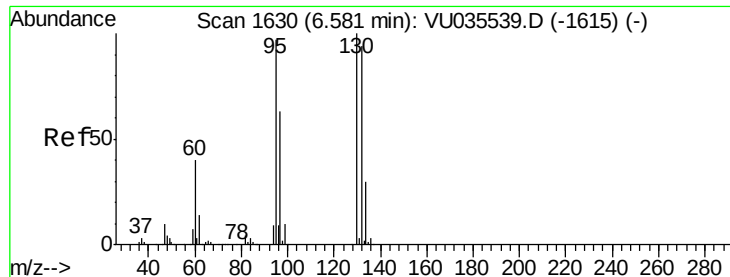
100000

50000

0

Time-->





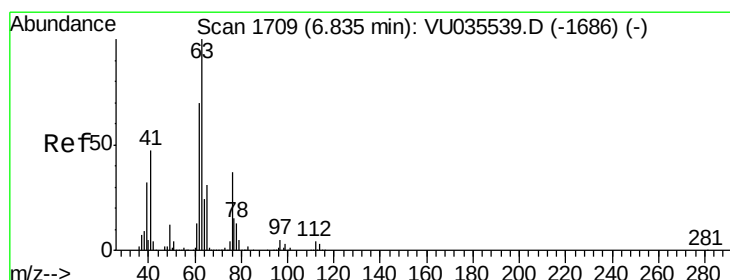
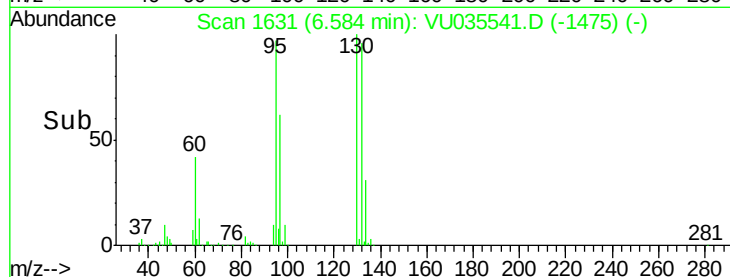
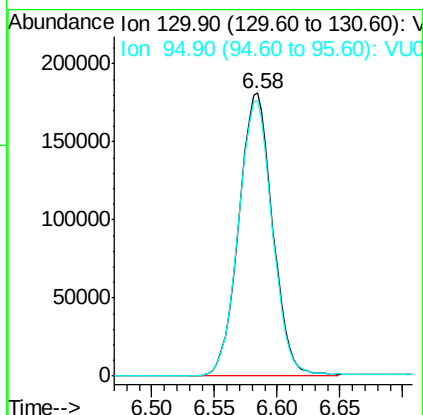
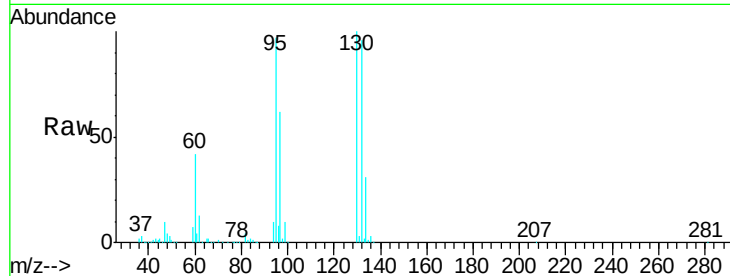
#37
 Trichloroethene
 Concen: 11.006 ug/l
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102919

Tgt Ion: 130 Resp: 340260
 Ion Ratio Lower Upper
 130 100
 95 97.2 77.5 116.3

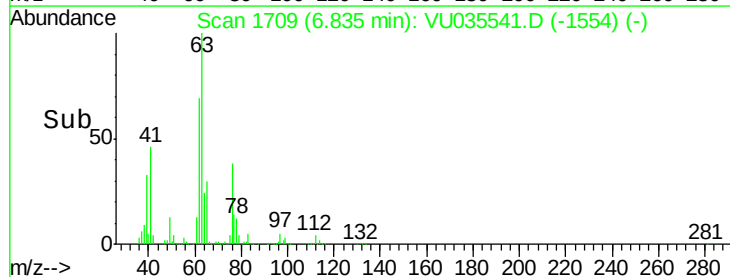
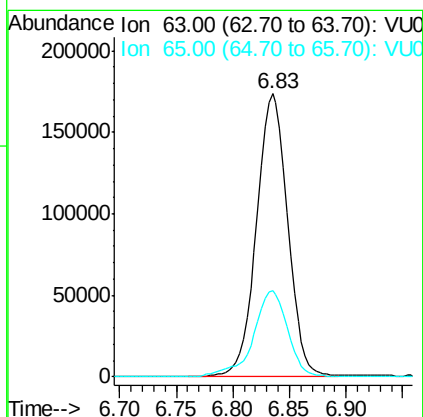
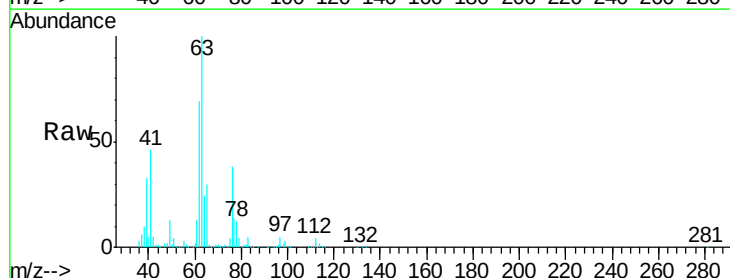
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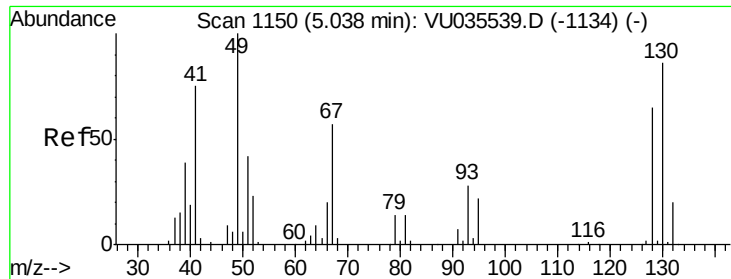
MMDadoda
 10/30/2019 10:39:03 AM



#38
 1,2-Dichloropropane
 Concen: 10.954 ug/l
 RT: 6.83 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Tgt Ion: 63 Resp: 334311
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6





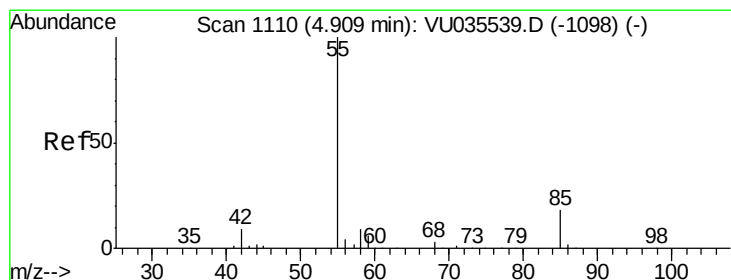
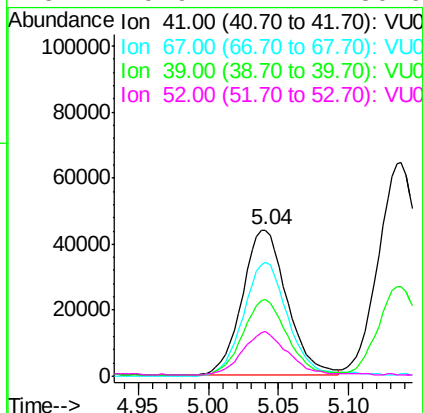
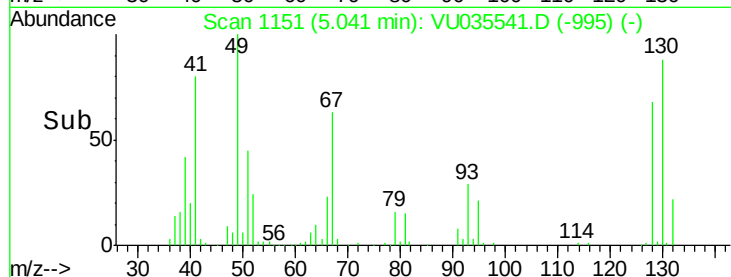
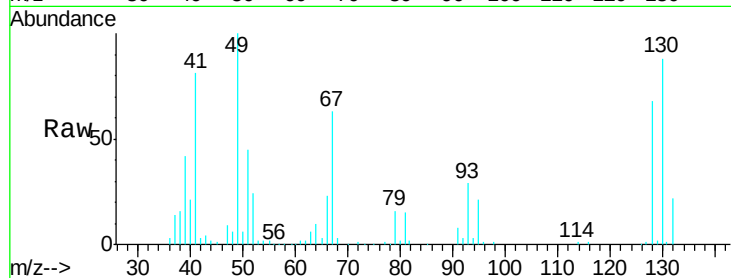
#39
Methacrylonitrile
Concen: 11.384 ug/l
RT: 5.04 min Scan# 1151
Delta R.T. 0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Instrument :
MSVOA_U
ClientSampled :
ICVVU102919

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100		97513		
67	79.3	61.5	92.3		
39	52.3	41.3	61.9		
52	29.9	24.4	36.6		

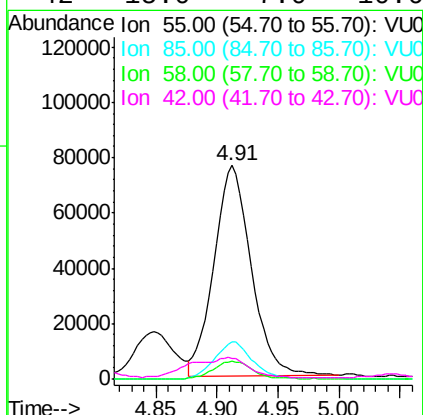
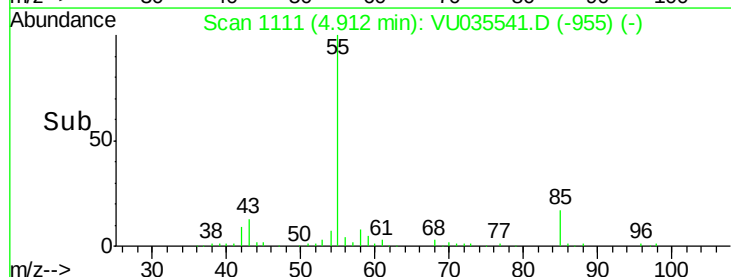
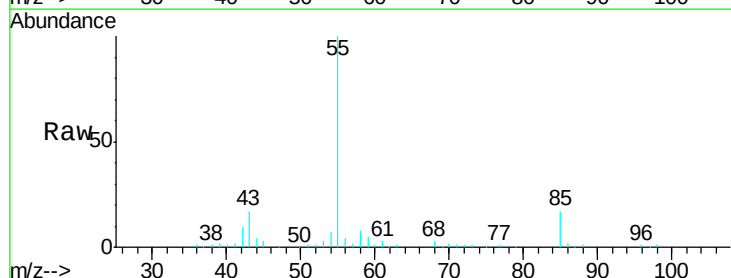
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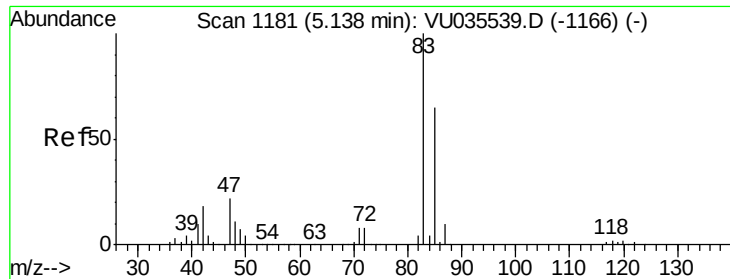
MMDadoda
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#40
Methyl acrylate
Concen: 12.526 ug/l
RT: 4.91 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
55	100		163366		
85	17.9	13.5	20.3		
58	8.9	6.6	10.0		
42	15.0	7.0	10.6		





#41

Tetrahydrofuran

Concen: 57.643 ug/l

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

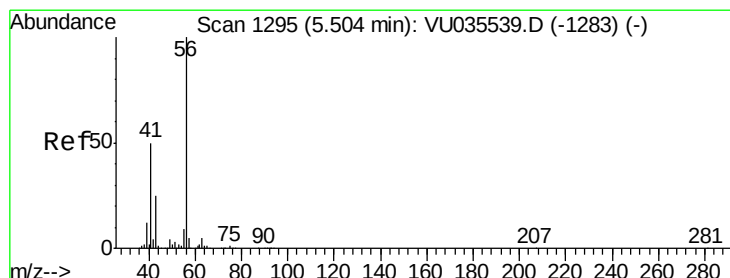
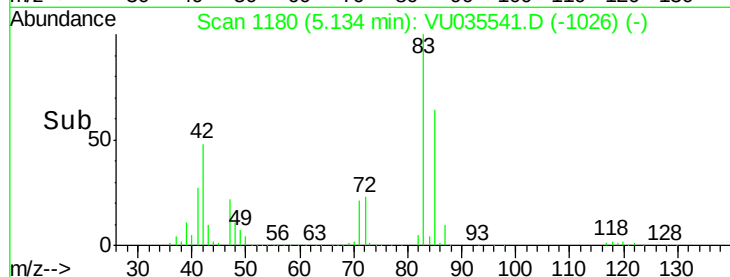
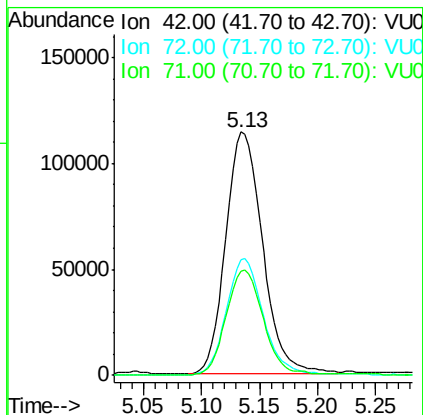
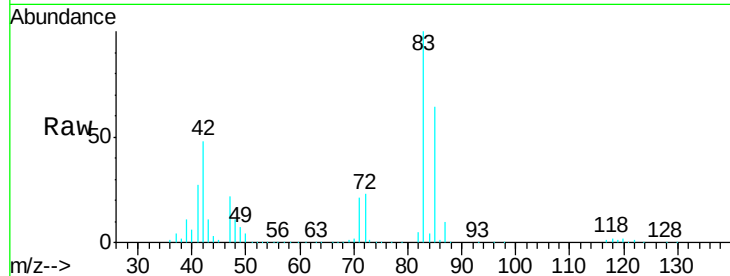
ClientSampleId :

ICVVU102919

Tgt Ion:	42	Resp:	253835
Ion Ratio	Lower	Upper	
42	100		
72	47.8	89.9	134.9#
71	43.6	3.7	5.5#

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#42

1-Chlorobutane

Concen: 11.644 ug/l

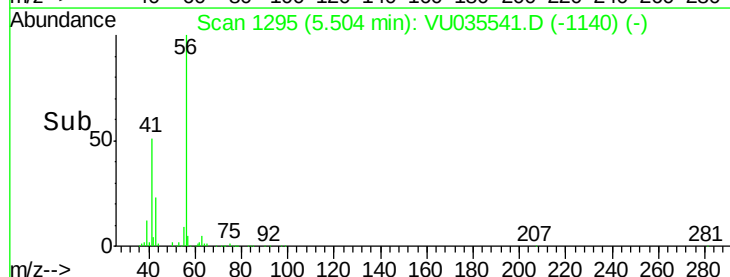
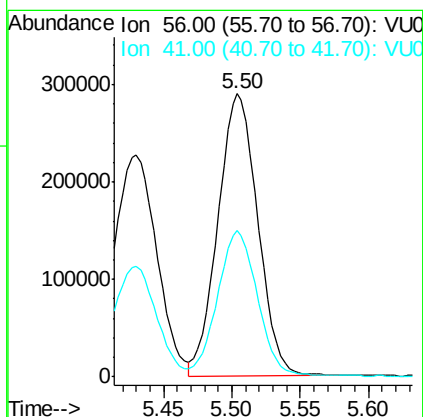
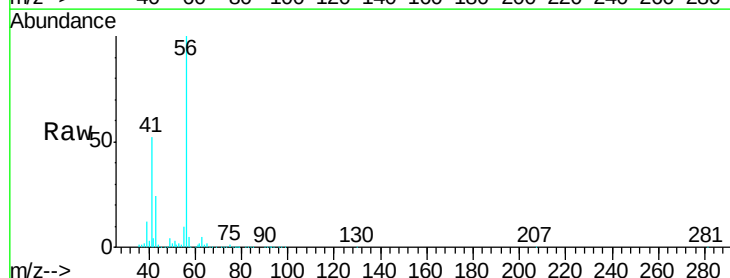
RT: 5.50 min Scan# 1295

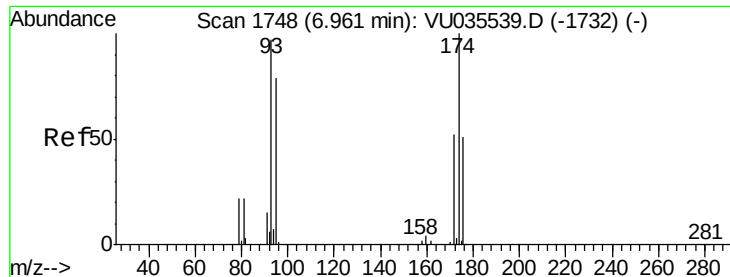
Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Tgt Ion:	56	Resp:	584345
Ion Ratio	Lower	Upper	
56	100		
41	51.5	25.5	76.5





#43

Dibromomethane

Concen: 10.881 ug/l

RT: 6.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

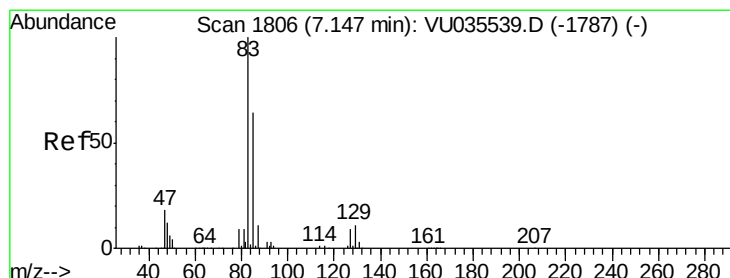
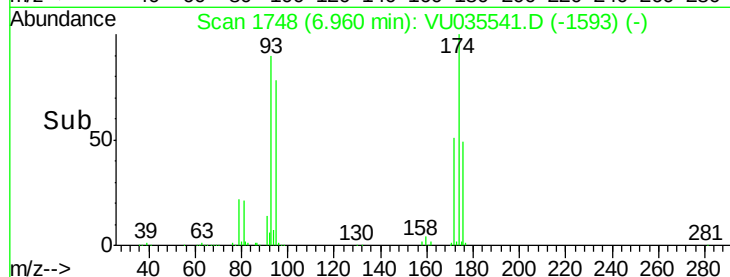
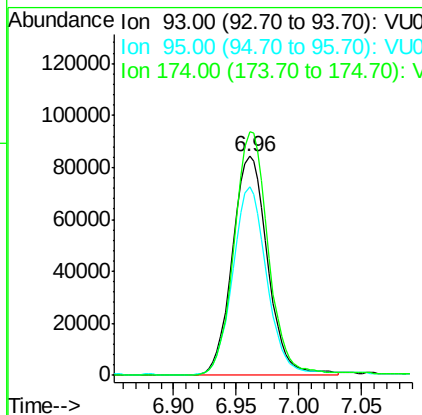
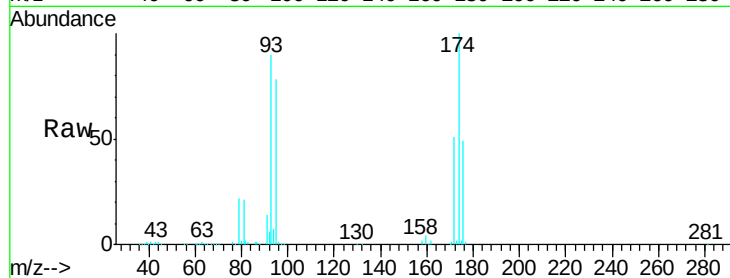
ClientSampleId :

ICVVU102919

Tgt Ion:	93	Resp:	165885
Ion Ratio	Lower	Upper	
93	100		
95	83.0	65.1	97.7
174	109.0	84.2	126.4

Manual Integrations
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#44

Bromodichloromethane

Concen: 10.927 ug/l

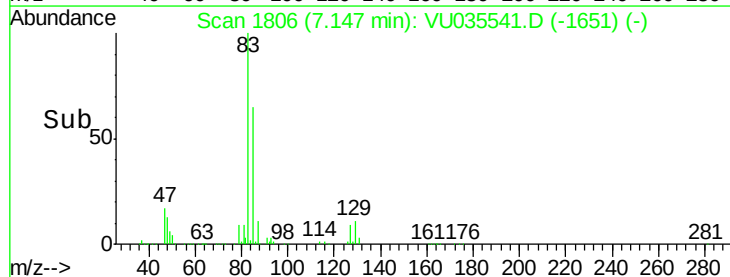
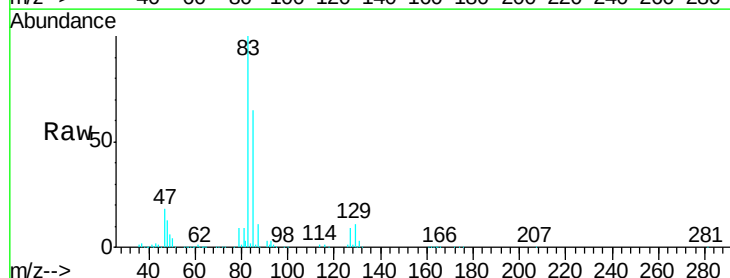
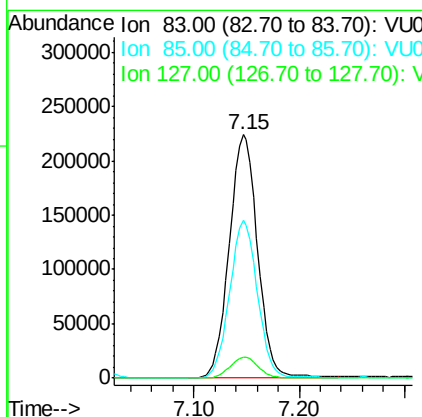
RT: 7.15 min Scan# 1806

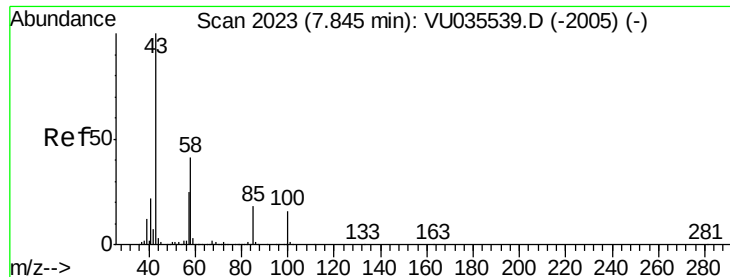
Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Tgt Ion:	83	Resp:	415115
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.6	77.4
127	8.5	7.0	10.4





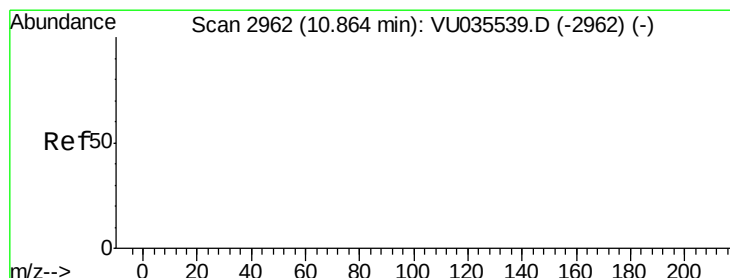
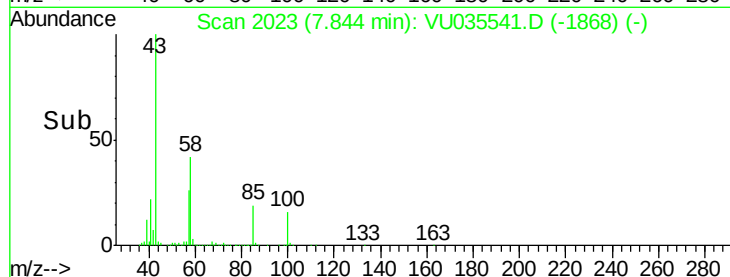
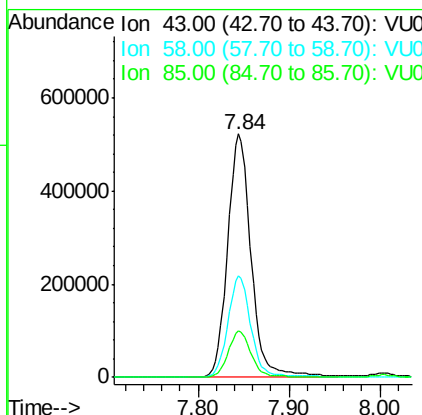
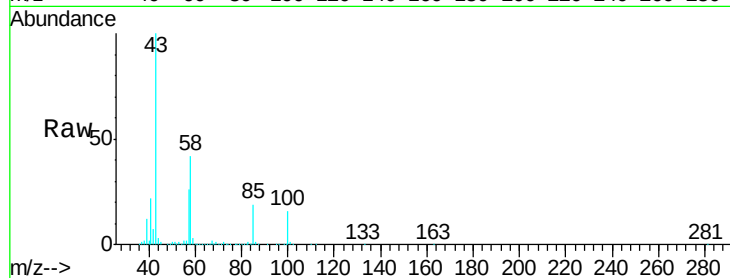
#45
 4-Methyl-2-Pentanone
 Concen: 57.491 ug/l
 RT: 7.84 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102919

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.5	20.6	61.8
85	18.7	14.5	21.7

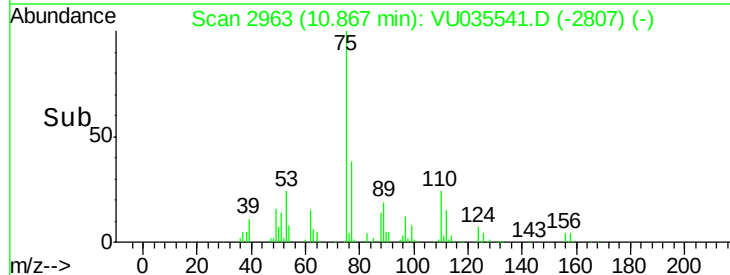
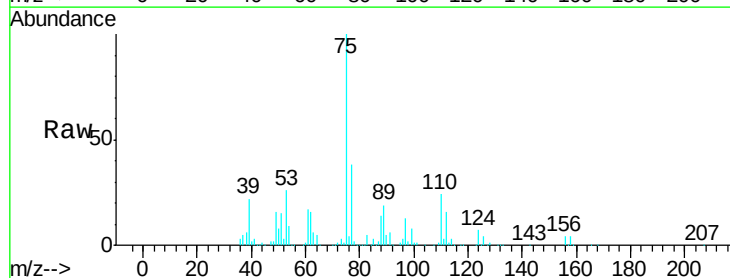
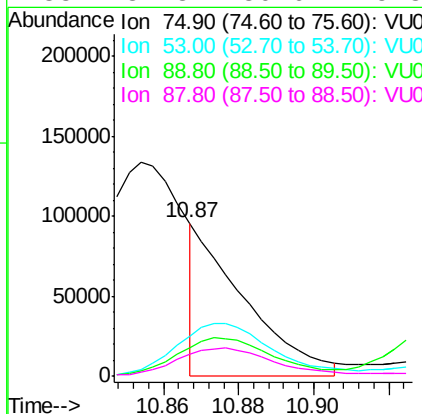
Manual Integrations
 APPROVED

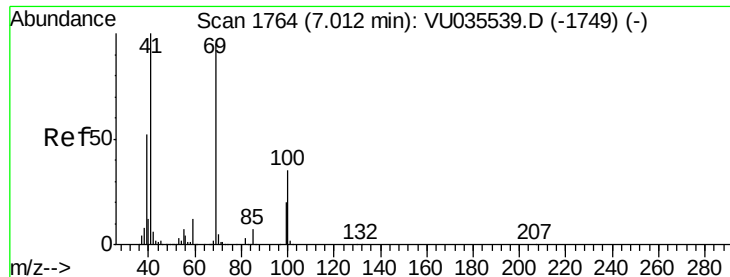
MMDadoda
 10/30/2019 10:39:03 AM



#46
 t-1,4-Dichloro-2-butene
 Concen: 14.656 ug/l m
 RT: 10.87 min Scan# 2963
 Delta R.T. 0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
53	68.6	54.1	81.1
89	49.0	38.2	57.4
88	37.3	30.6	45.8





#47

Methyl methacrylate

Concen: 11.380 ug/l

RT: 7.01 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

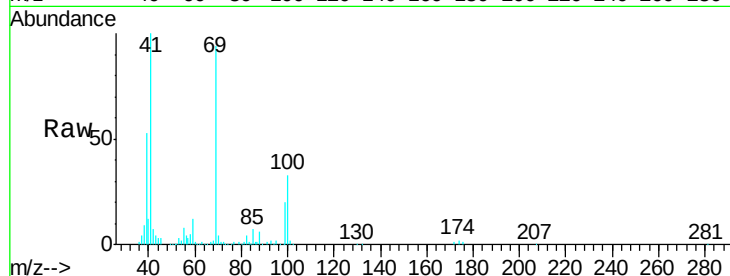
ClientSampleId :

ICVVU102919

Tgt Ion:	69	Resp:	143690
Ion	Ratio	Lower	Upper
69	100		
41	107.9	0.0	216.8
39	55.2	45.1	67.7
100	37.2	29.8	44.6

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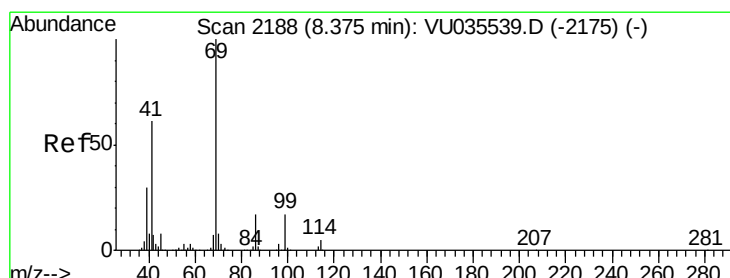
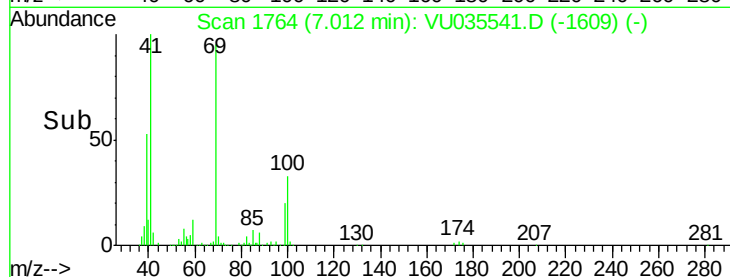
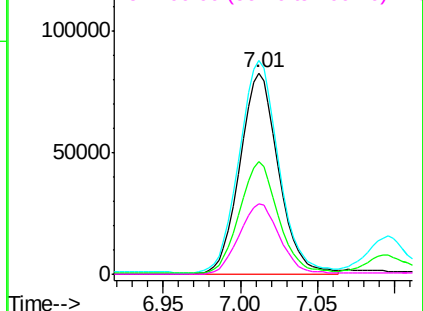


Abundance Ion 69.00 (68.70 to 69.70): VU035539.D (-1749) (-)

Ion 41.00 (40.70 to 41.70): VU035539.D (-1749) (-)

Ion 39.00 (38.70 to 39.70): VU035539.D (-1749) (-)

Ion 100.00 (99.70 to 100.70): VU035539.D (-1749) (-)



#48

Ethyl methacrylate

Concen: 13.451 ug/l

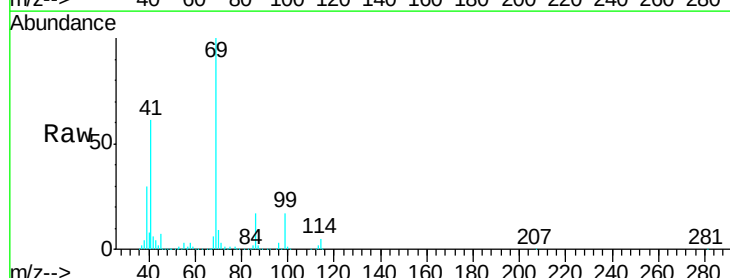
RT: 8.38 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VU035541.D

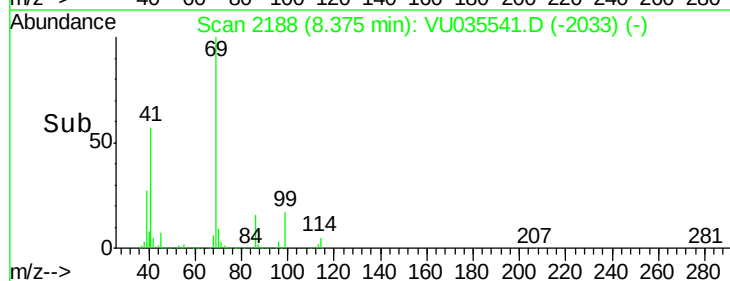
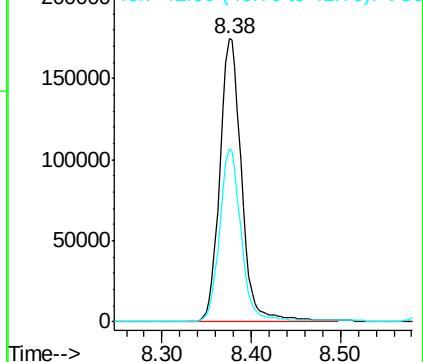
Acq: 29 Oct 2019 15:10

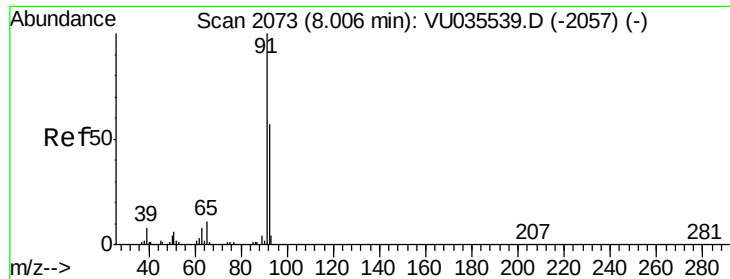
Tgt Ion:	69	Resp:	296787
Ion	Ratio	Lower	Upper
69	100		
41	60.0	30.4	91.2



Abundance Ion 69.00 (68.70 to 69.70): VU035539.D (-2175) (-)

Ion 41.00 (40.70 to 41.70): VU035539.D (-2175) (-)





#49

Toluene

Concen: 12.419 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion: 92 Resp: 794953

Ion Ratio Lower Upper

92 100

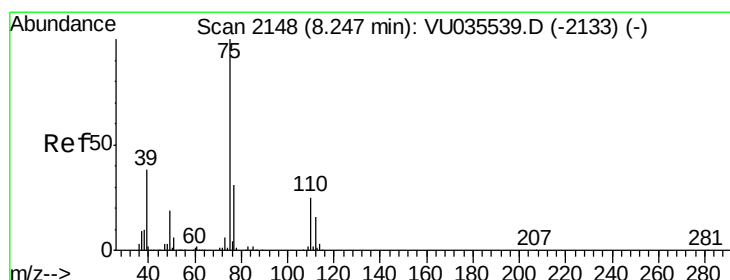
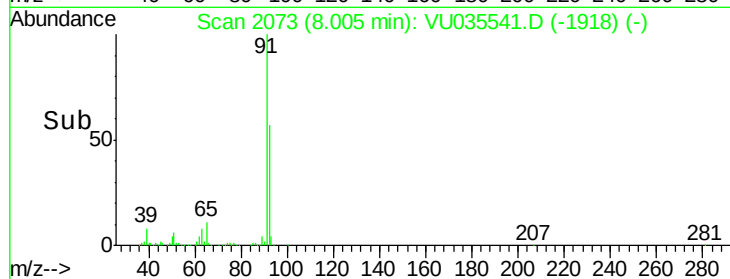
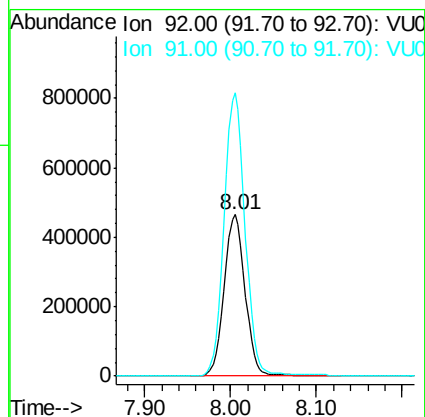
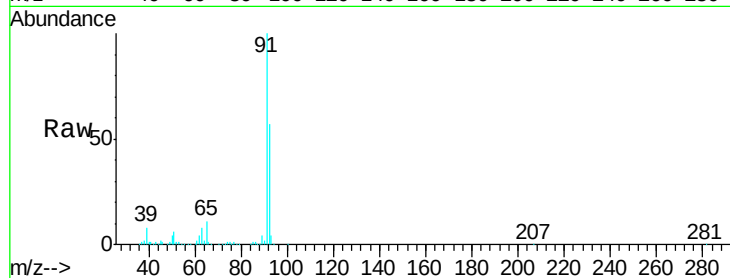
91 175.6 141.4 212.0

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 12.408 ug/l

RT: 8.25 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VU035541.D

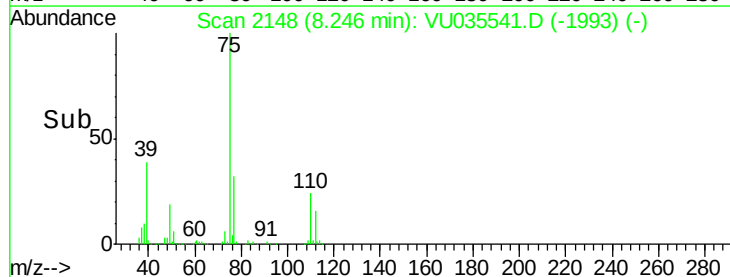
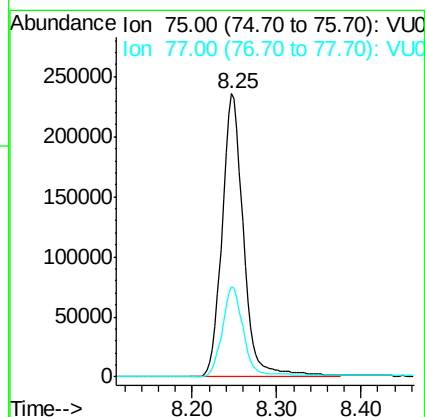
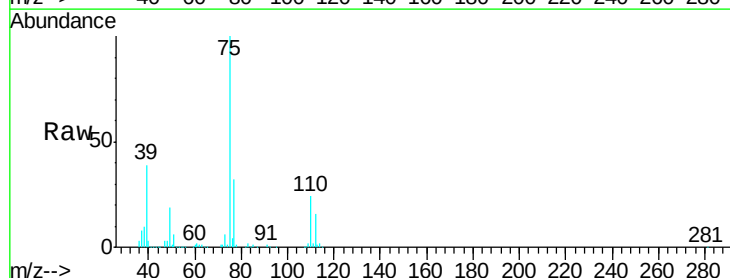
Acq: 29 Oct 2019 15:10

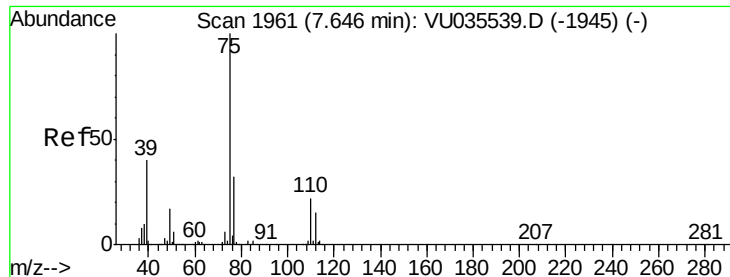
Tgt Ion: 75 Resp: 417434

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8





#51

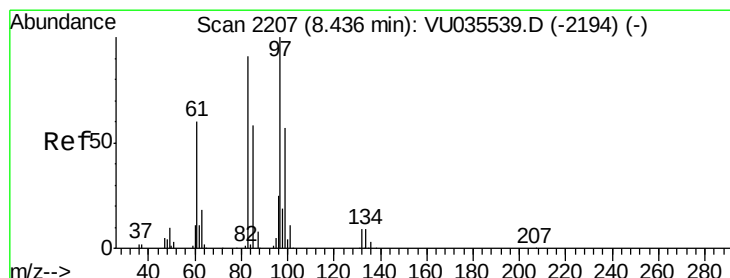
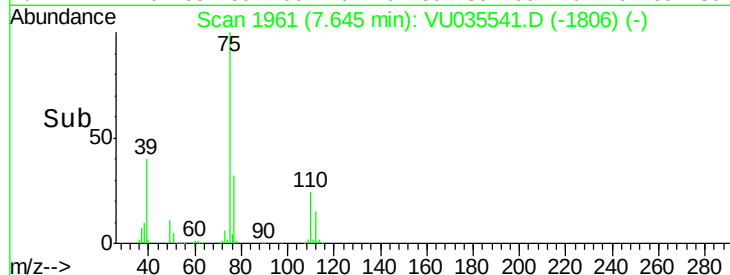
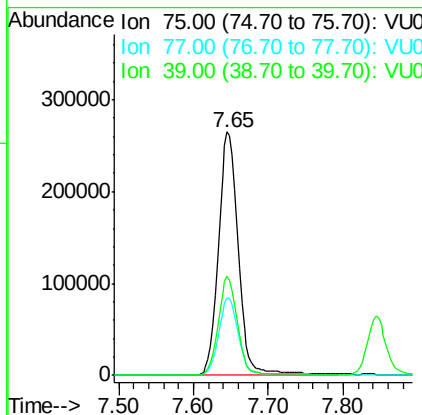
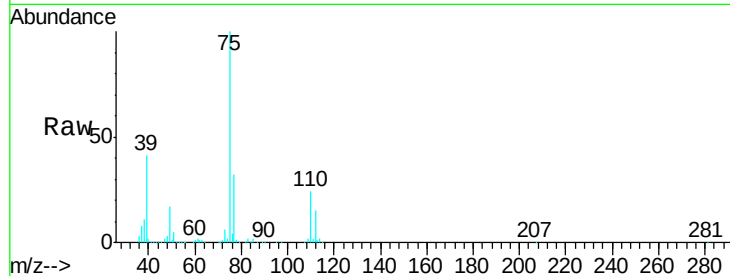
cis-1,3-Dichloropropene
Concen: 12.256 ug/l
RT: 7.65 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102919

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8
39	40.5	32.1	48.1

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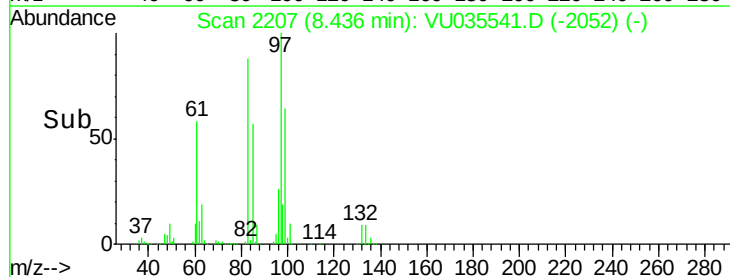
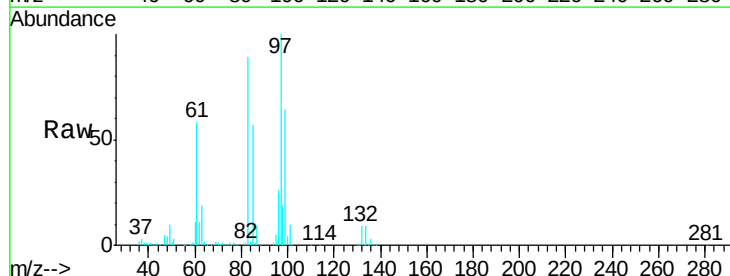
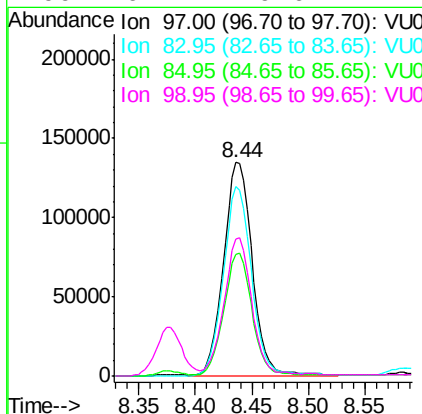
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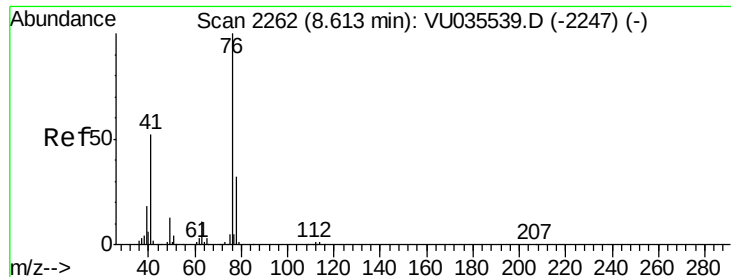


#52

1,1,2-Trichloroethane
Concen: 11.047 ug/l
RT: 8.44 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.7	72.6	108.8
85	56.9	46.4	69.6
99	64.1	49.6	74.4





#53

1,3-Dichloropropane

Concen: 11.446 ug/l

RT: 8.61 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion: 76 Resp: 414455

Ion Ratio Lower Upper

76 100

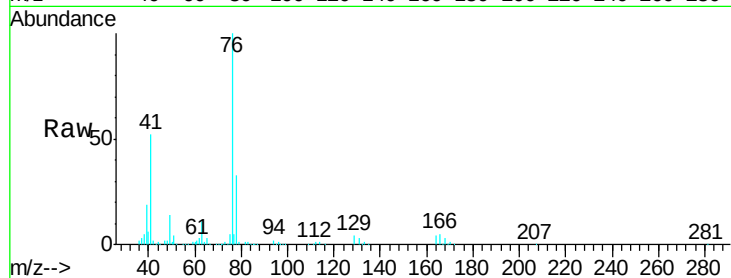
78 32.4 25.6 38.4

Manual Integrations

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Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

8.61

250000

200000

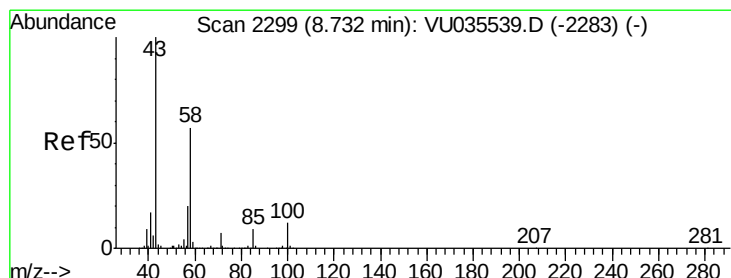
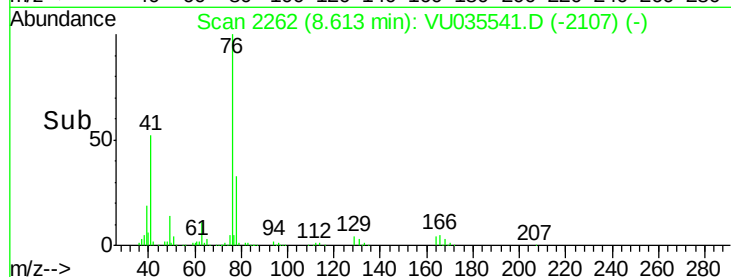
150000

100000

50000

0

Time-->



#54

2-Hexanone

Concen: 61.759 ug/l

RT: 8.73 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

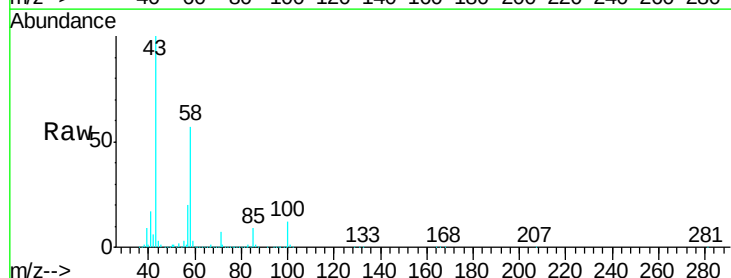
Tgt Ion: 43 Resp: 713521

Ion Ratio Lower Upper

43 100

58 57.5 37.2 77.2

57 19.5 0.0 39.1



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

8.73

500000

400000

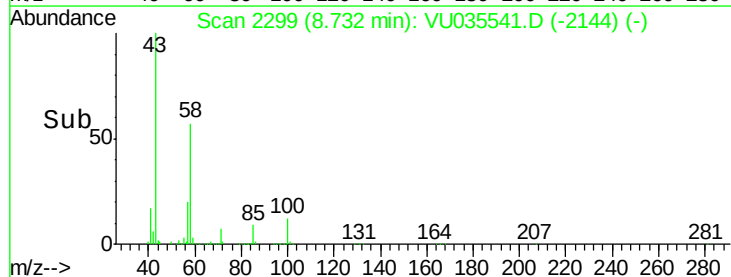
300000

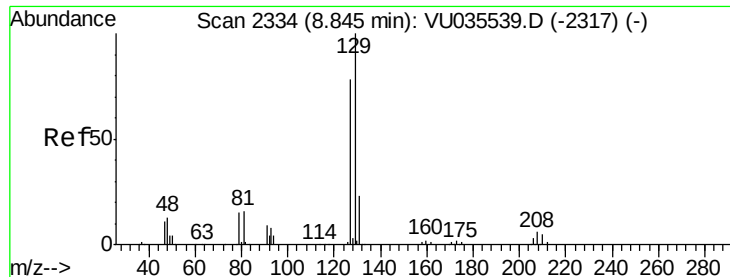
200000

100000

0

Time-->





#55

Dibromochloromethane

Concen: 11.077 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion:129 Resp: 288972

Ion Ratio Lower Upper

129 100

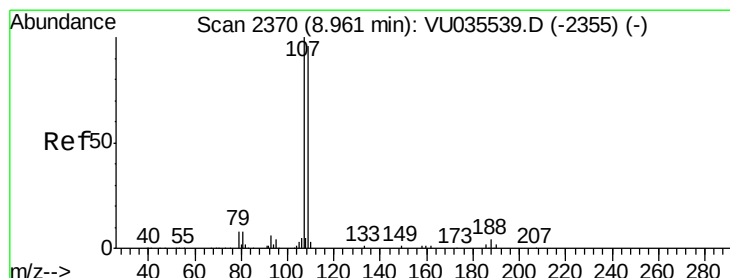
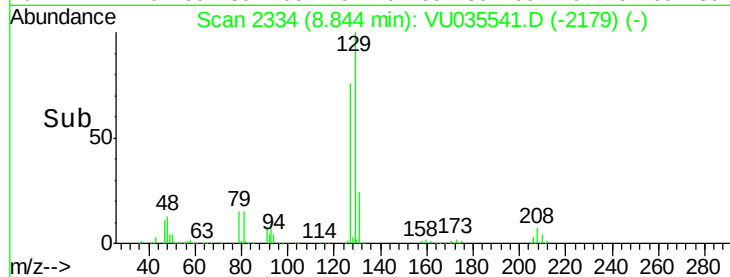
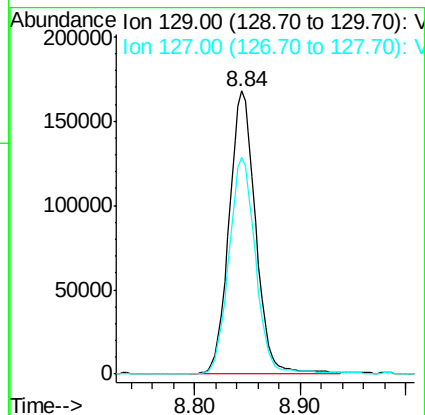
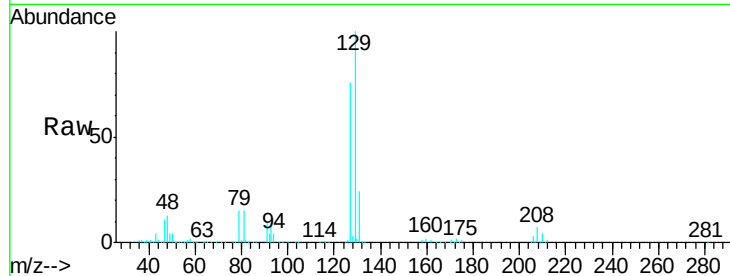
127 77.9 62.3 93.5

Manual Integrations

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#56

1,2-Dibromoethane

Concen: 11.881 ug/l

RT: 8.96 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VU035541.D

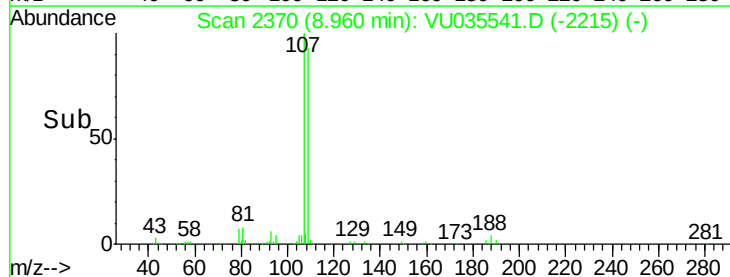
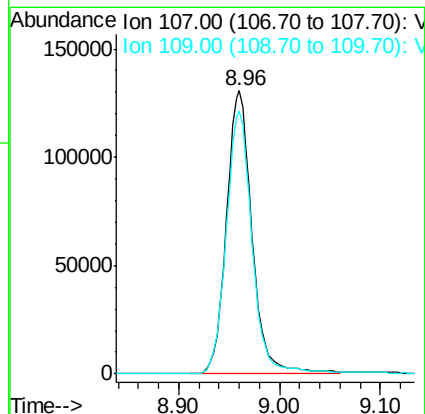
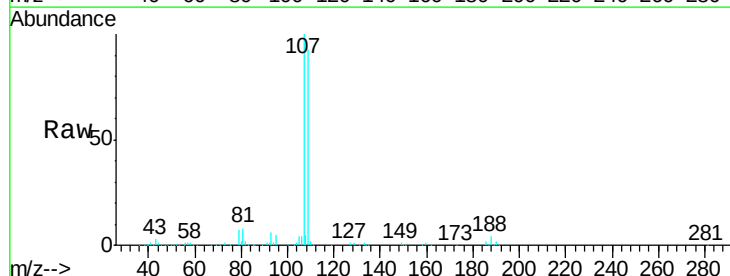
Acq: 29 Oct 2019 15:10

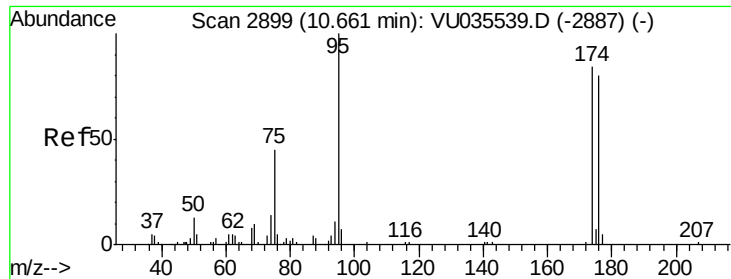
Tgt Ion:107 Resp: 232230

Ion Ratio Lower Upper

107 100

109 94.7 0.0 191.4





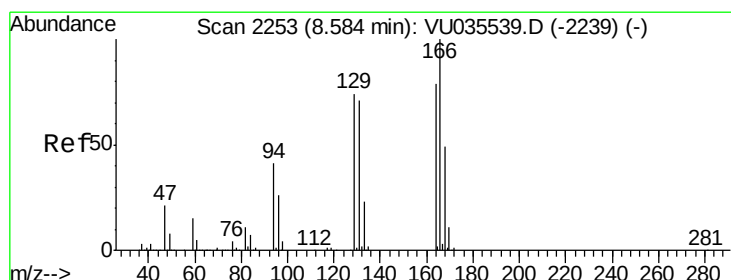
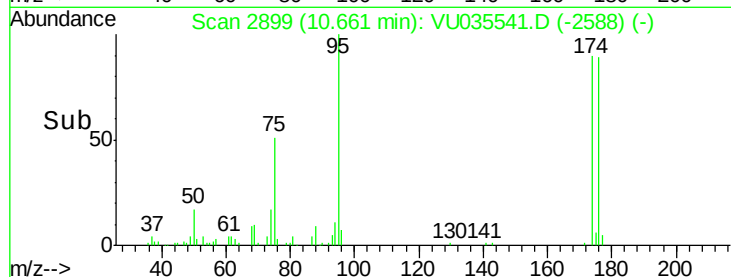
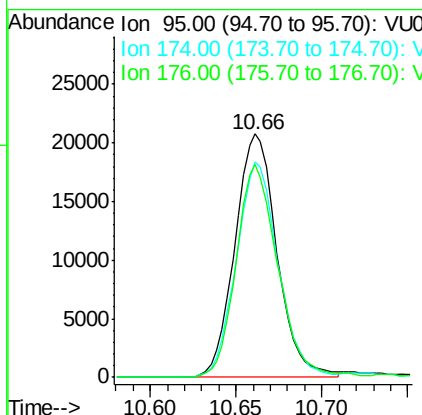
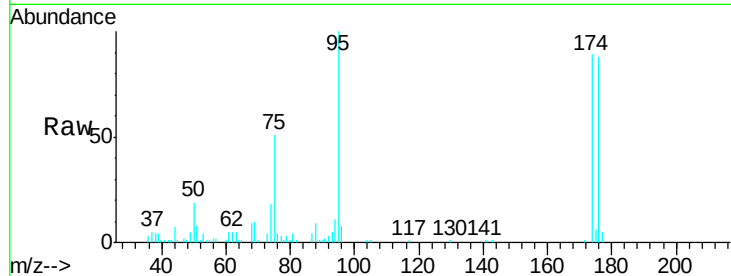
#57
4-Bromofluorobenzene
Concen: 1.078 ug/l
RT: 10.66 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102919

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.1	70.2	105.4
176	86.9	67.7	101.5

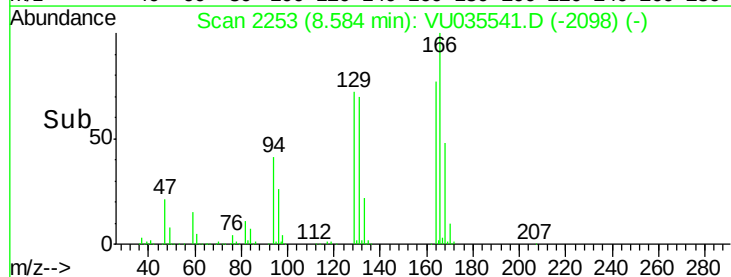
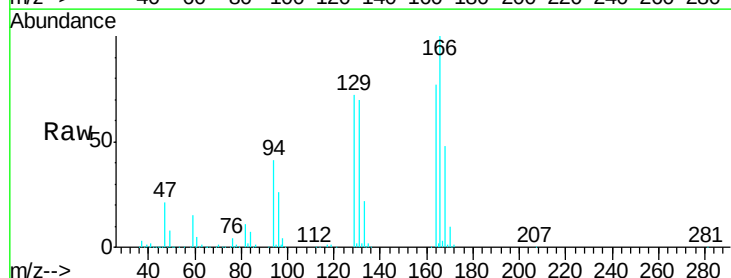
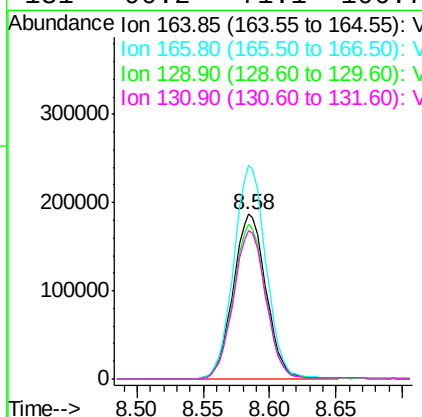
Manual Integrations
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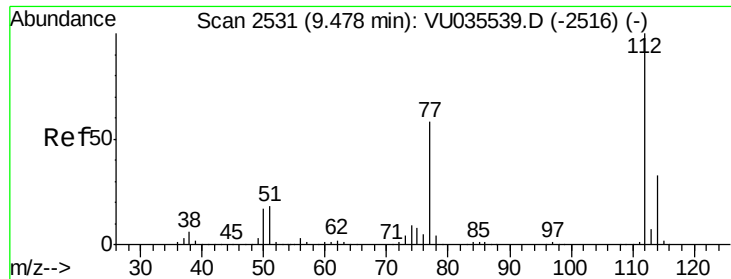
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#58
Tetrachloroethene
Concen: 11.381 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	100.6	151.0
129	93.5	74.1	111.1
131	90.2	71.1	106.7





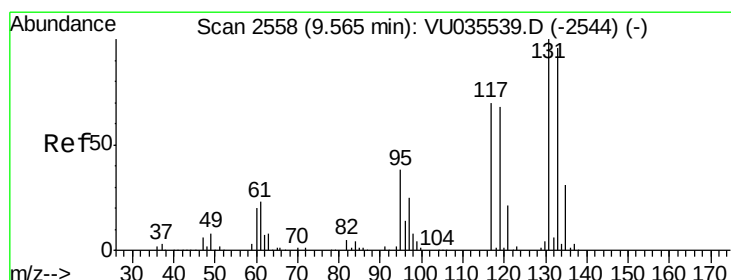
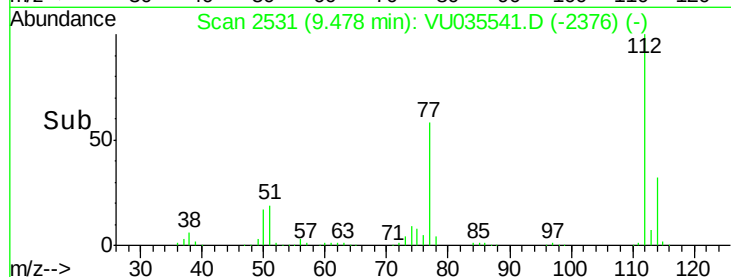
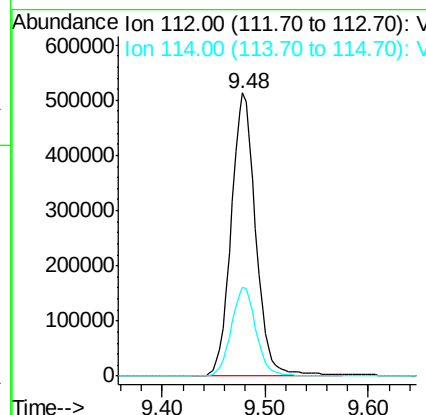
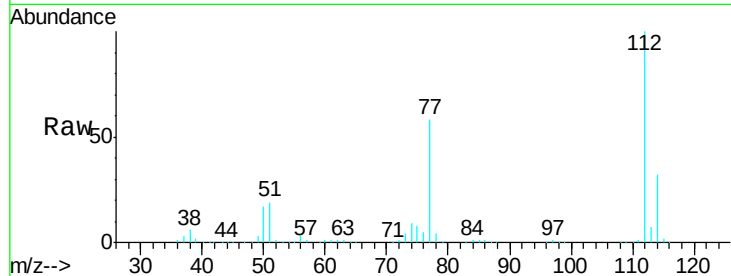
#59
Chlorobenzene
Concen: 11.584 ug/l
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102919

Tgt Ion:112 Resp: 855005
Ion Ratio Lower Upper
112 100
114 31.6 26.5 39.7

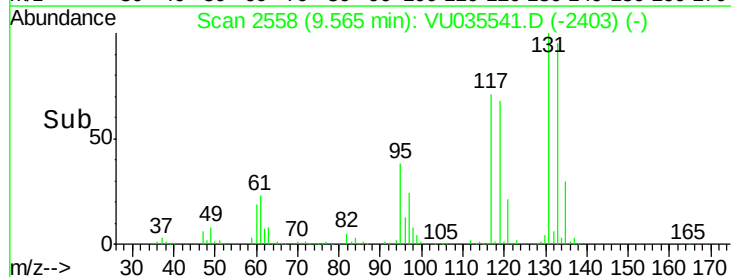
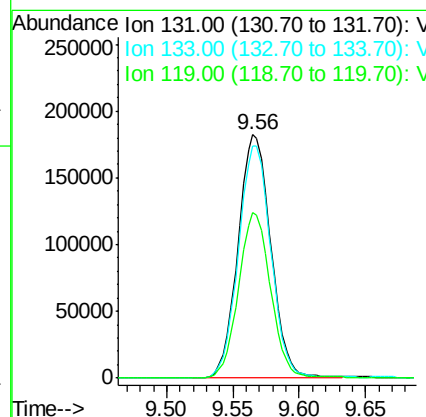
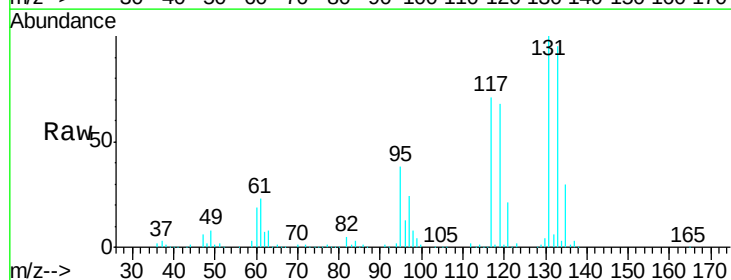
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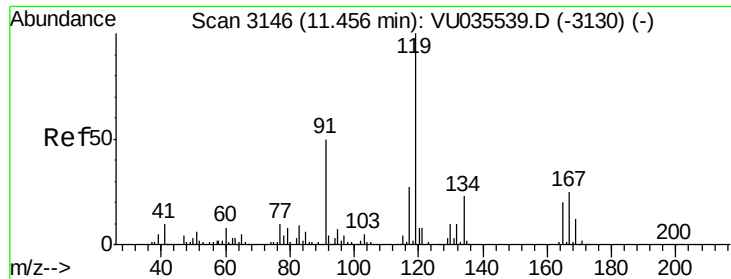
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#60
1,1,1,2-Tetrachloroethane
Concen: 11.051 ug/l
RT: 9.56 min Scan# 2558
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Tgt Ion:131 Resp: 313596
Ion Ratio Lower Upper
131 100
133 95.2 76.9 115.3
119 66.7 53.6 80.4





#61

Pentachloroethane

Concen: 11.055 ug/l

RT: 11.46 min Scan# 3146

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion:117 Resp: 255628

Ion Ratio Lower Upper

117 100

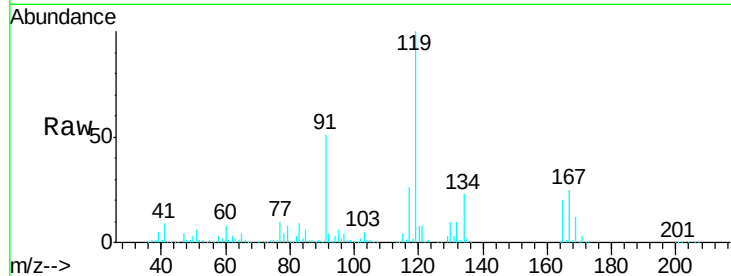
167 89.1 69.8 104.6

Manual Integrations

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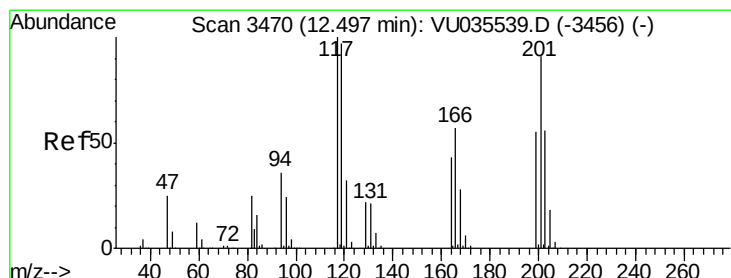
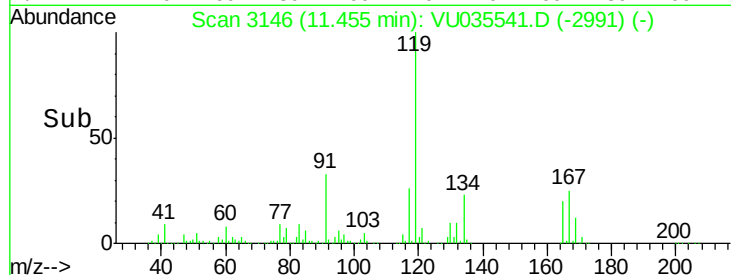
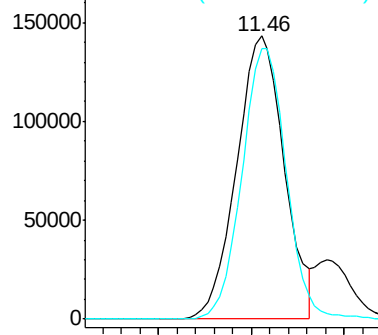
MMDadoda

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 11.333 ug/l

RT: 12.50 min Scan# 3471

Delta R.T. 0.00 min

Lab File: VU035541.D

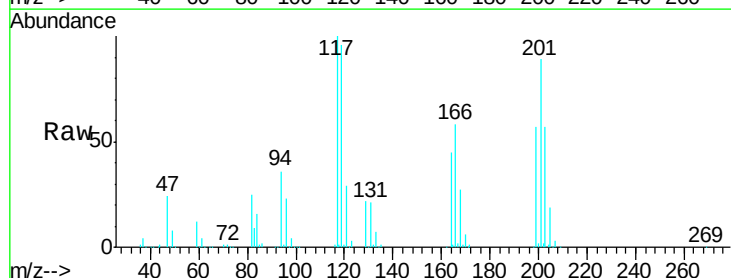
Acq: 29 Oct 2019 15:10

Tgt Ion:117 Resp: 239394

Ion Ratio Lower Upper

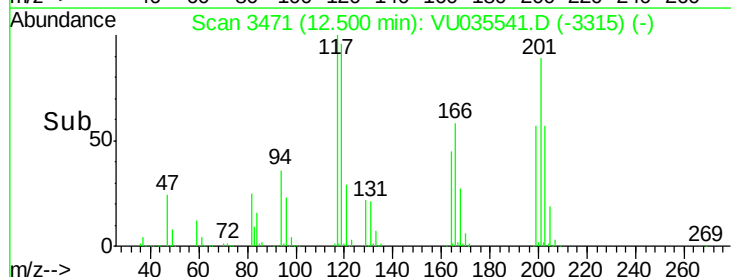
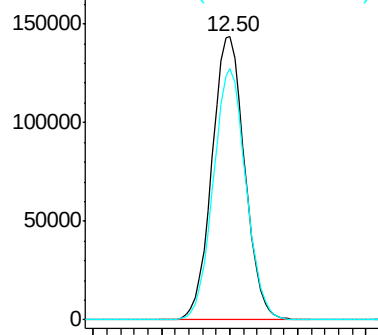
117 100

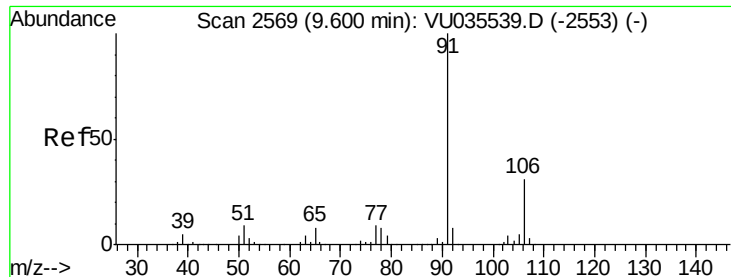
201 88.2 71.8 107.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 13.302 ug/l

RT: 9.60 min Scan# 2569

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion: 91 Resp: 1524753

Ion Ratio Lower Upper

91 100

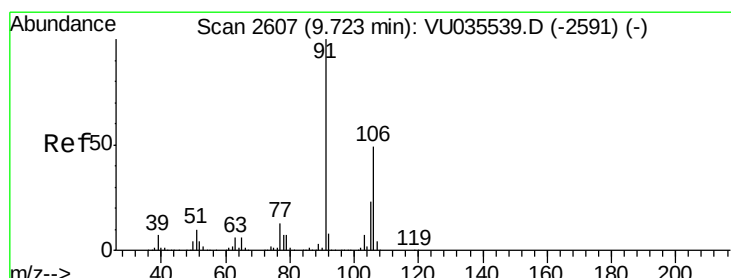
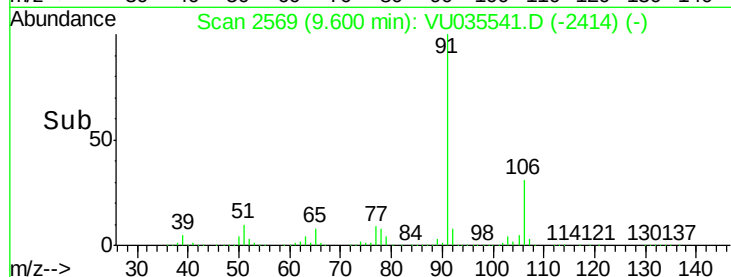
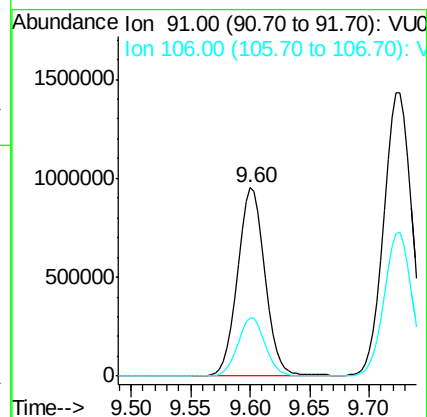
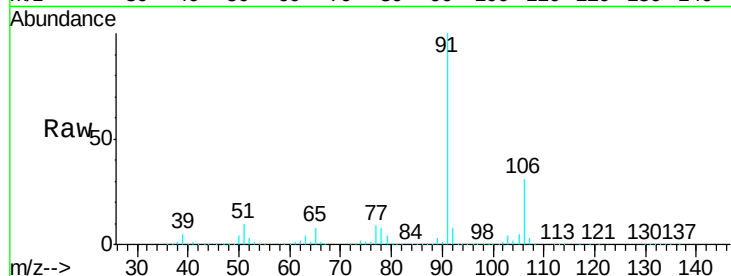
106 31.2 25.2 37.8

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#64

m/p-Xylenes

Concen: 26.615 ug/l

RT: 9.73 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VU035541.D

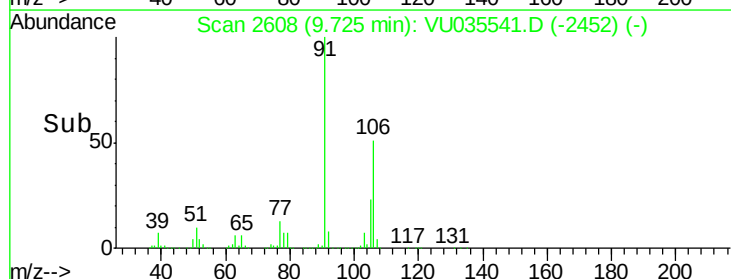
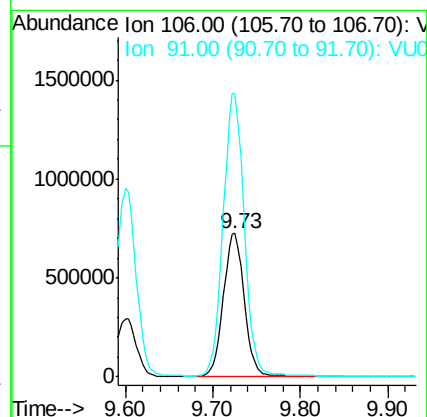
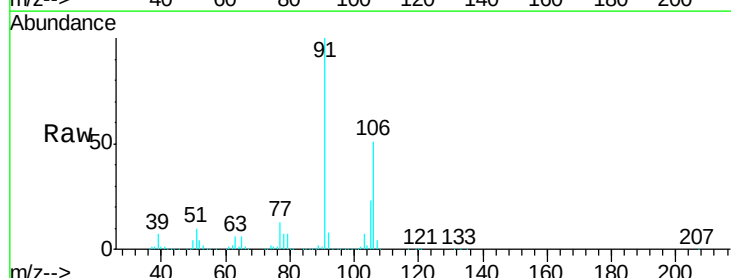
Acq: 29 Oct 2019 15:10

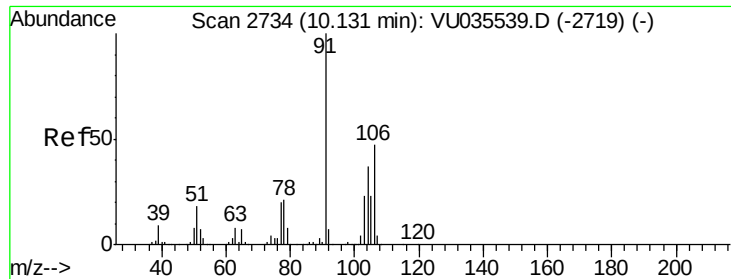
Tgt Ion: 106 Resp: 1204564

Ion Ratio Lower Upper

106 100

91 202.8 81.0 121.4#





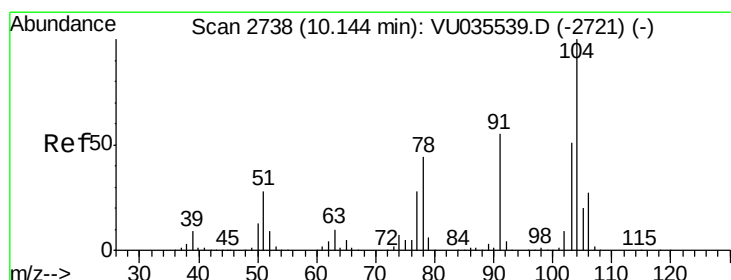
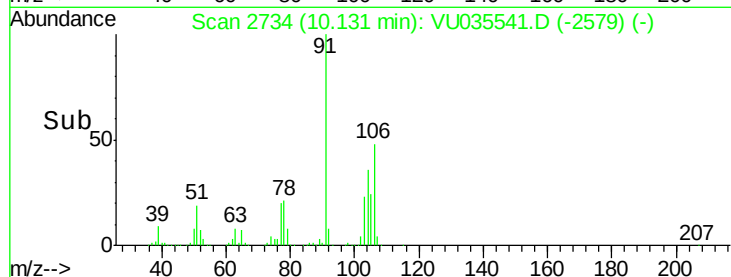
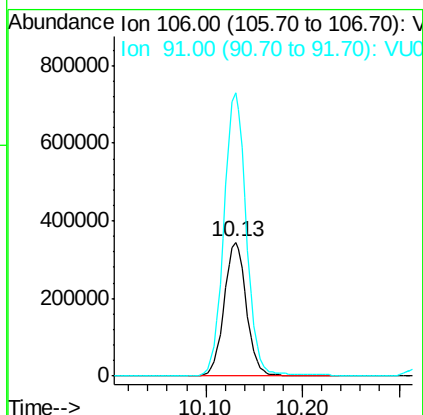
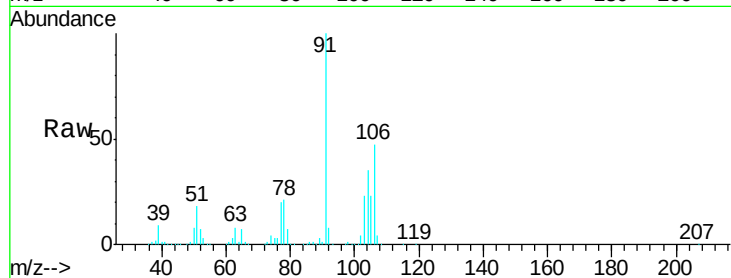
#65
o-Xylene
Concen: 12.674 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102919

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.3	107.1	321.1

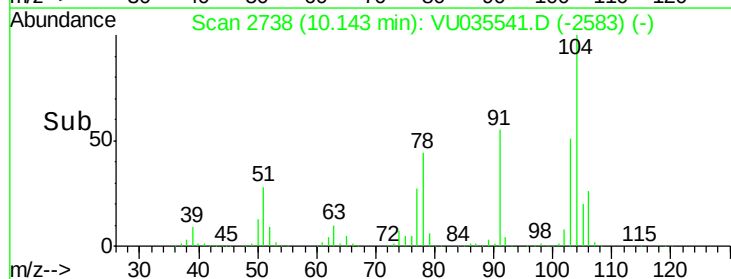
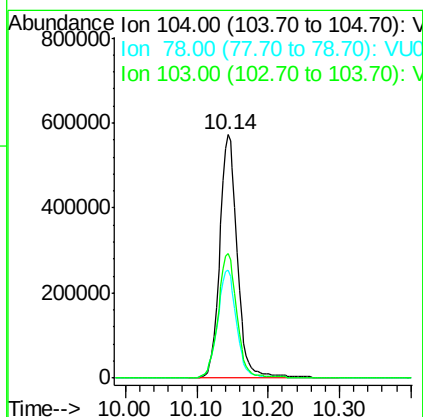
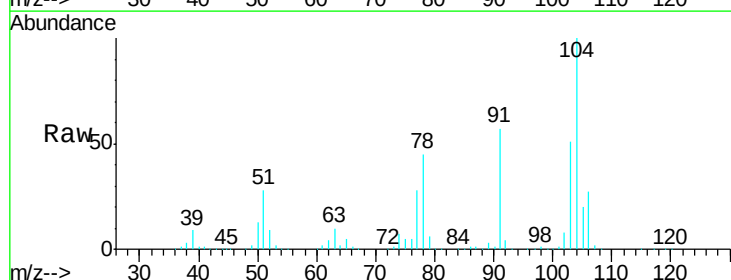
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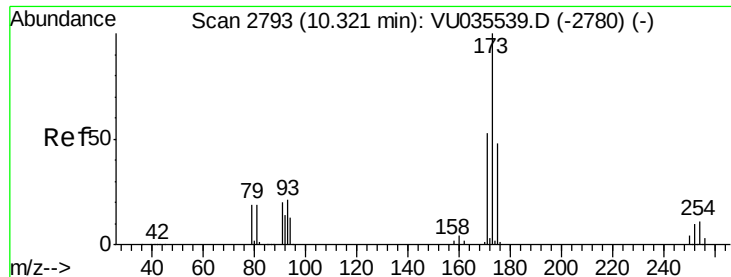
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#66
Styrene
Concen: 13.480 ug/l
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.6	58.0
103	55.0	43.6	65.4





#67

Bromoform

Concen: 11.192 ug/l

RT: 10.32 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

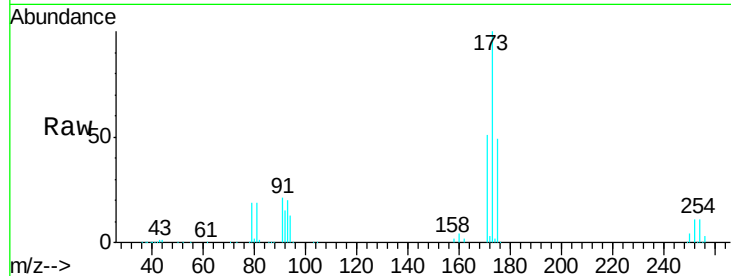
ClientSampleId :

ICVVU102919

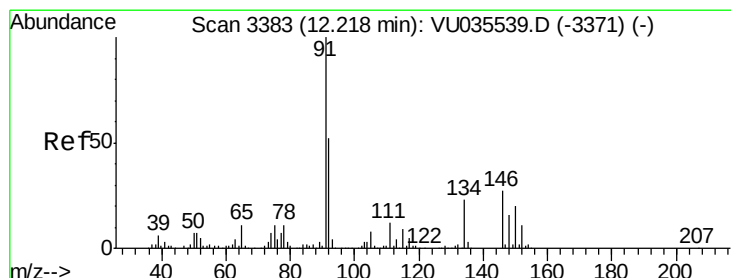
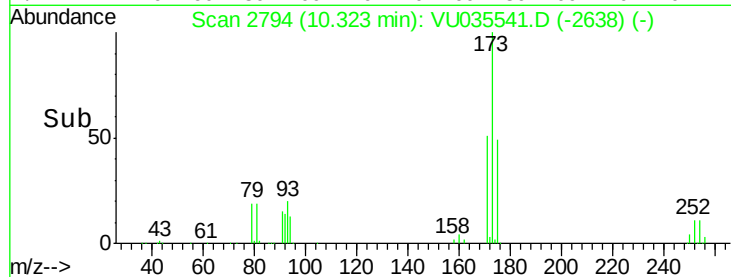
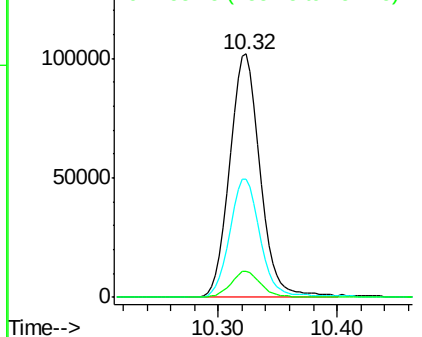
Tgt Ion	Ratio	Resp	Lower	Upper
173	100	181149		
175	48.9	38.7	58.1	
254	10.4	8.2	12.2	

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Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.077 ug/l

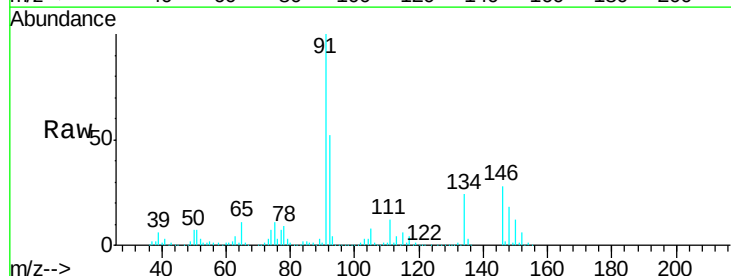
RT: 12.22 min Scan# 3384

Delta R.T. 0.00 min

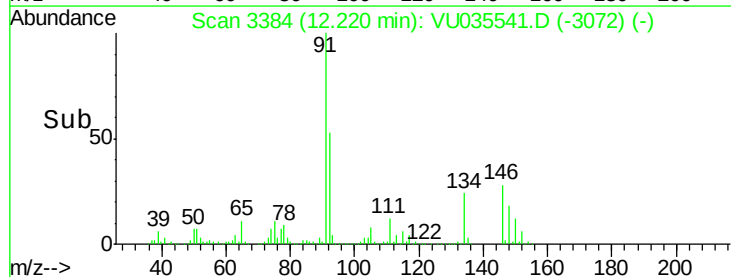
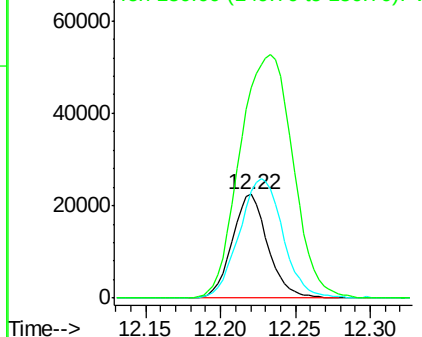
Lab File: VU035541.D

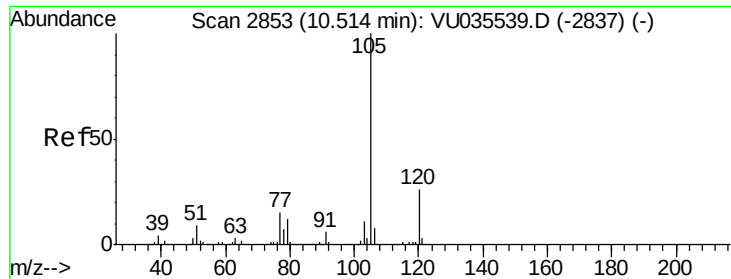
Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	37397		
115	140.4	0.0	250.6	
150	347.1	0.0	656.8	



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 13.316 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion:105 Resp: 1518386

Ion Ratio Lower Upper

105 100

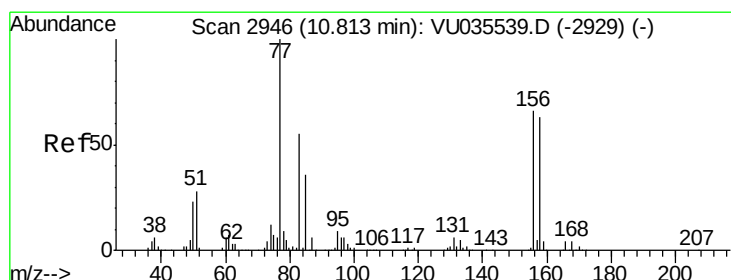
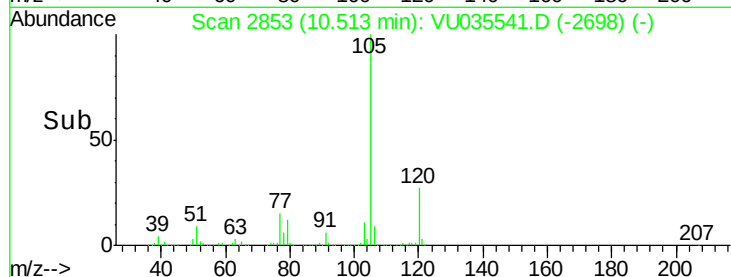
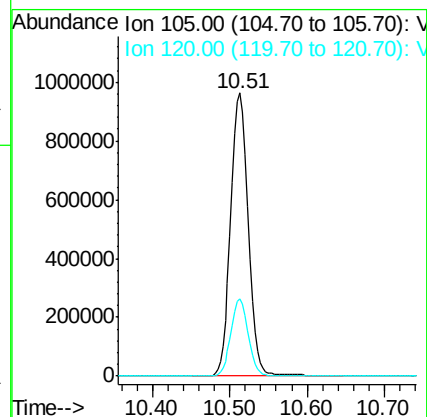
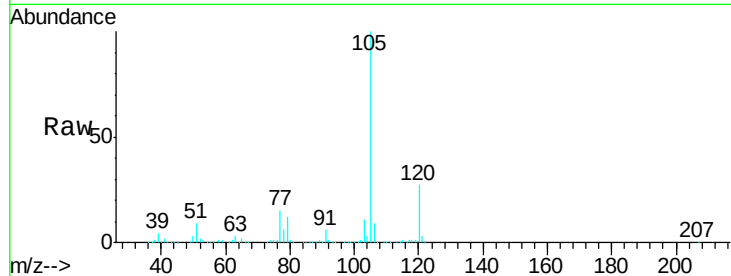
120 26.8 13.2 39.5

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#70

1,1,2,2-Tetrachloroethane

Concen: 10.655 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

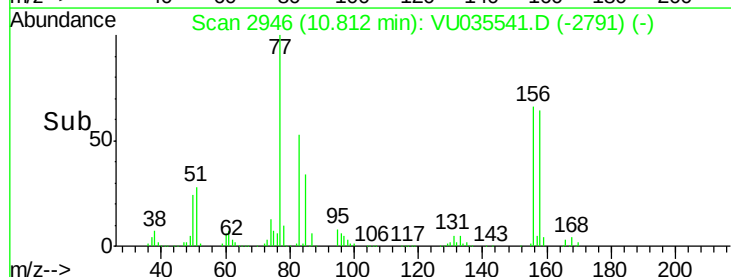
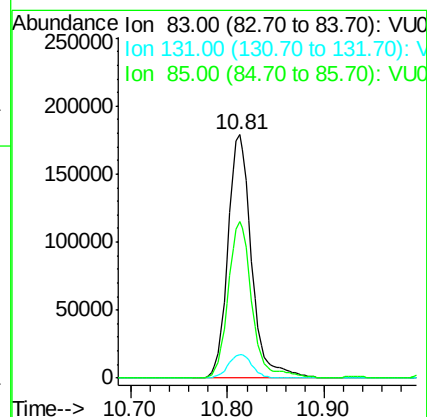
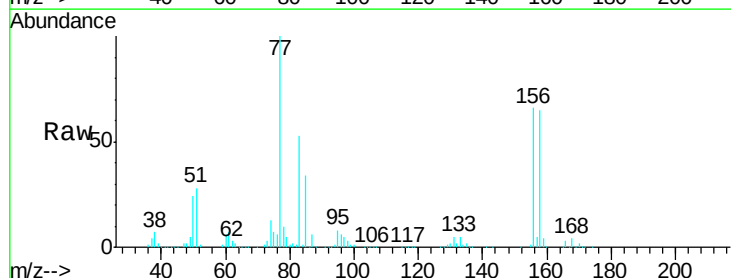
Tgt Ion: 83 Resp: 303541

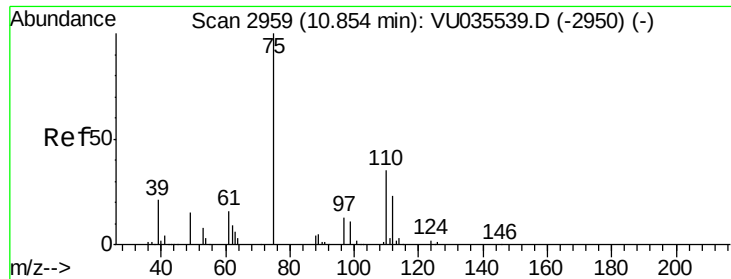
Ion Ratio Lower Upper

83 100

131 9.9 0.0 0.0#

85 64.7 33.5 50.3#





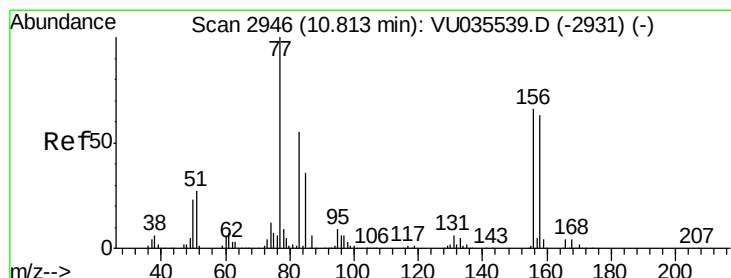
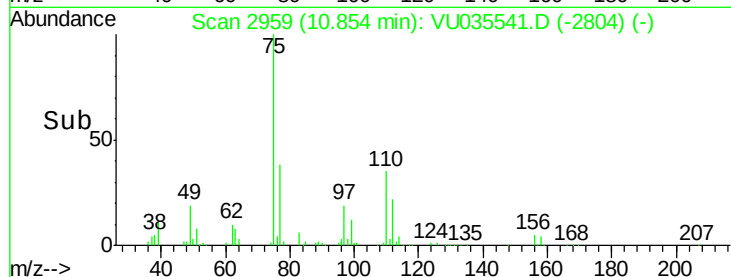
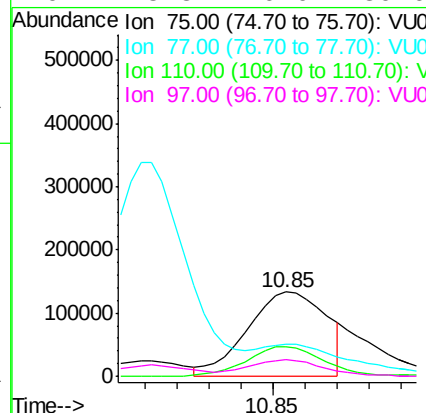
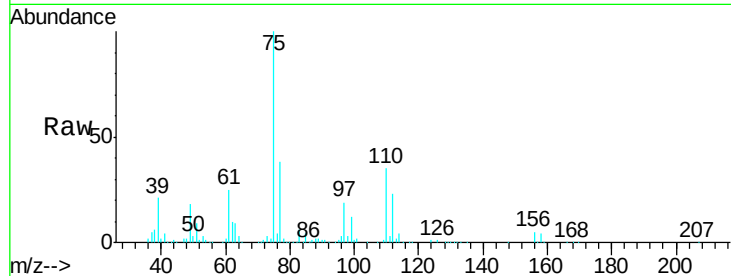
#71
1,2,3-Trichloropropane
Concen: 10.744 ug/l m
RT: 10.85 min Scan# 2959
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102919

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	229869		
77	0.0	0.0	0.0	68.6
110	35.1	0.0	0.0	77.2
97	18.3	0.0	0.0	39.0

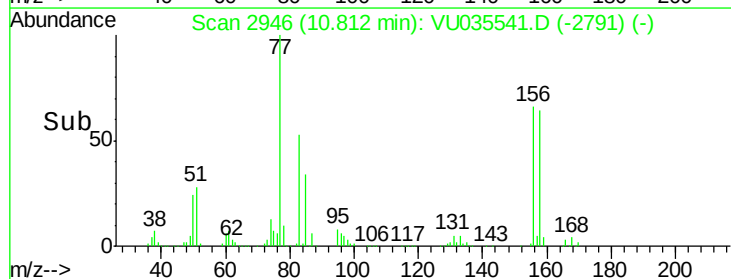
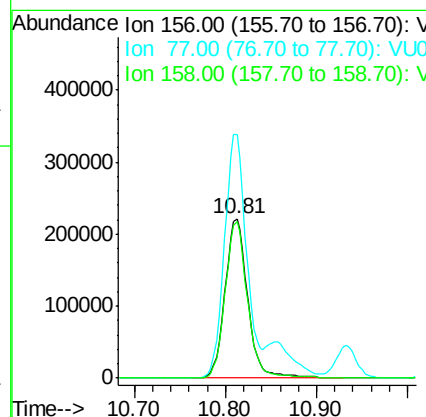
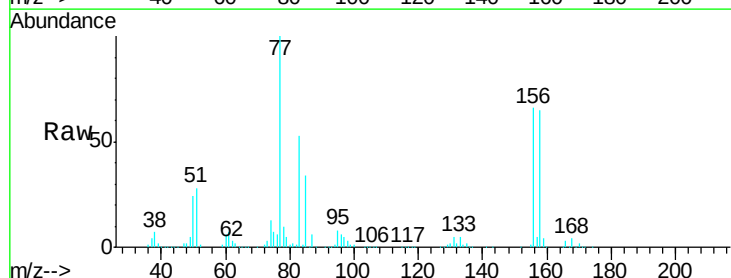
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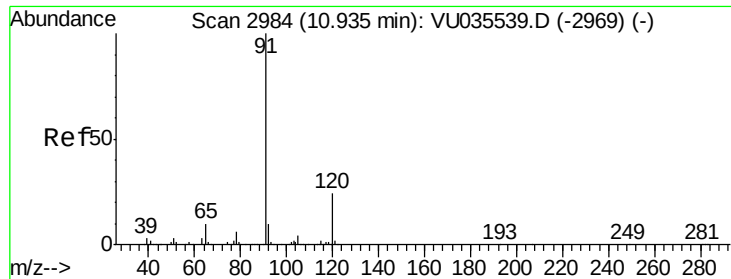
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#72
Bromobenzene
Concen: 12.084 ug/l
RT: 10.81 min Scan# 2946
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	383879		
77	148.9	0.0	0.0	300.4
158	97.1	0.0	0.0	194.4





#73

n-propylbenzene

Concen: 13.205 ug/l

RT: 10.93 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion:120 Resp: 420492

Ion Ratio Lower Upper

120 100

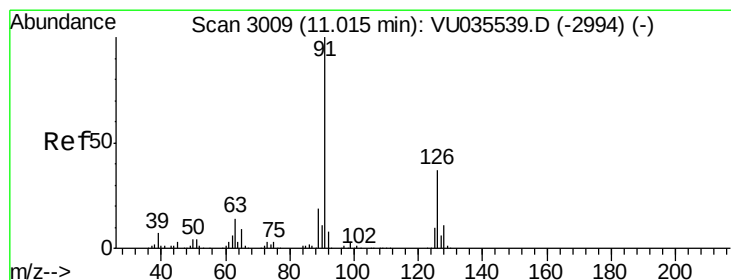
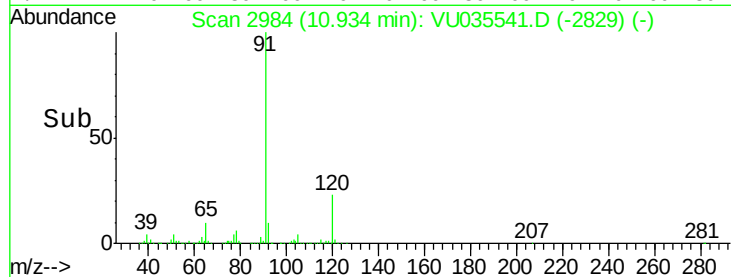
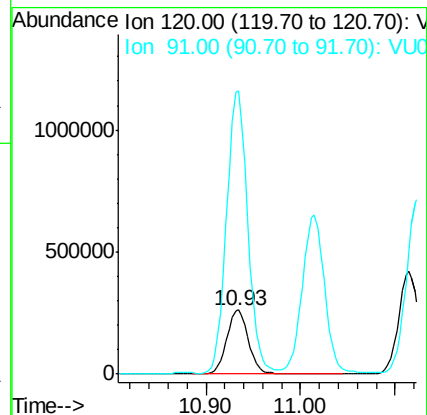
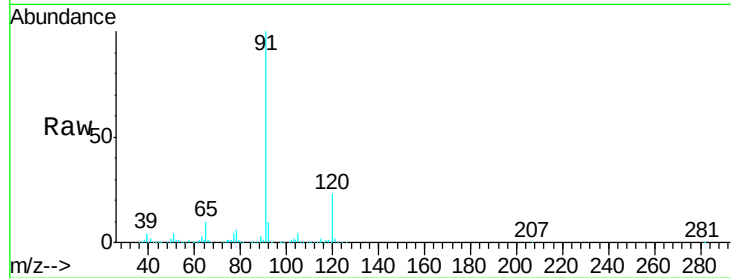
91 428.5 340.6 510.8

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#74

2-Chlorotoluene

Concen: 12.318 ug/l

RT: 11.01 min Scan# 3009

Delta R.T. -0.00 min

Lab File: VU035541.D

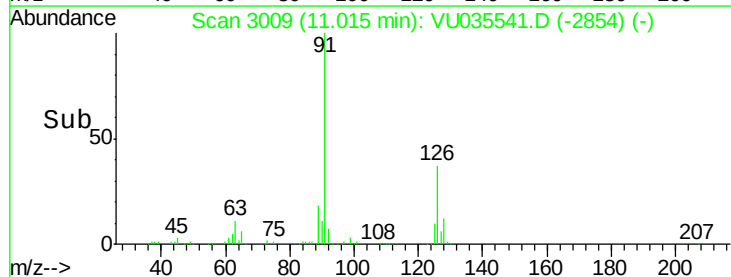
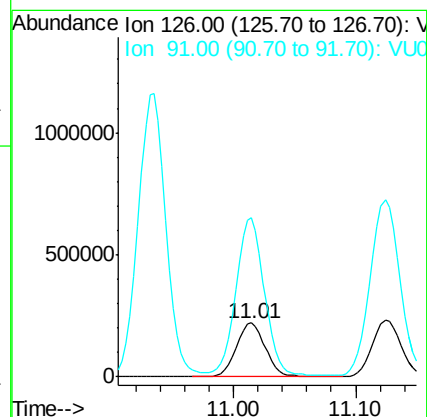
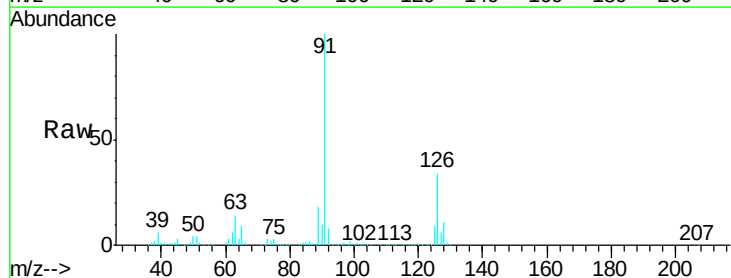
Acq: 29 Oct 2019 15:10

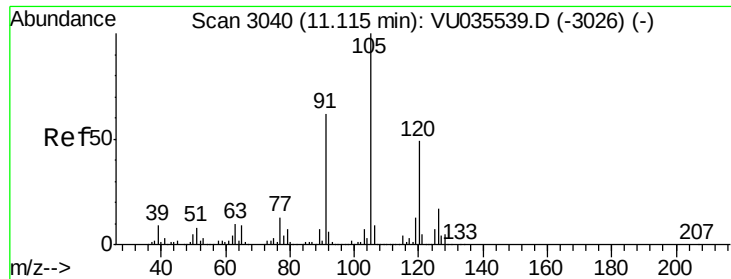
Tgt Ion:126 Resp: 367776

Ion Ratio Lower Upper

126 100

91 289.5 0.0 574.2





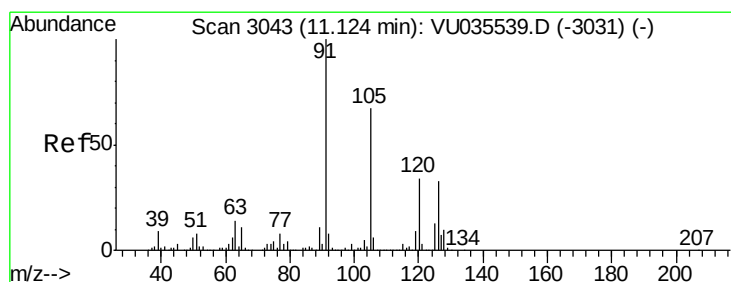
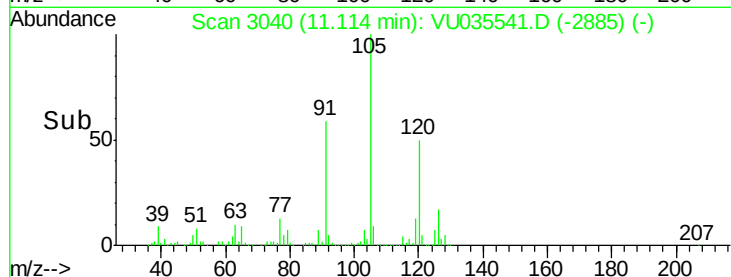
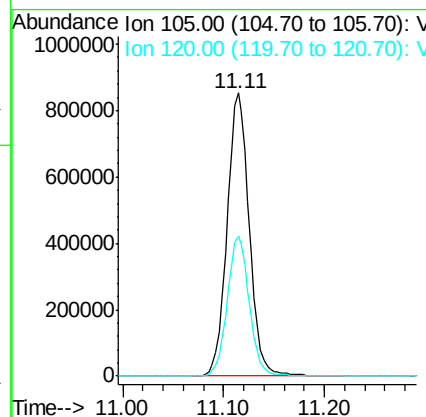
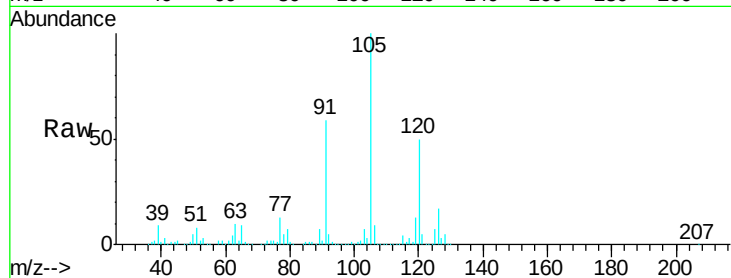
#75
 1,3,5-Trimethylbenzene
 Concen: 13.881 ug/l
 RT: 11.11 min Scan# 3040
 Delta R.T. -0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102919

Tgt Ion:105 Resp: 1304196
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.4 59.2

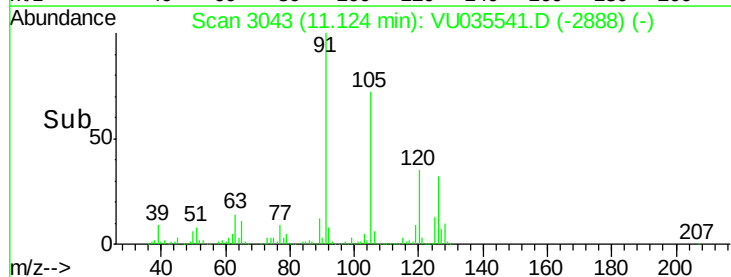
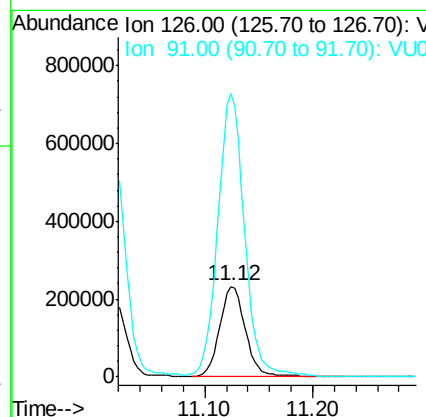
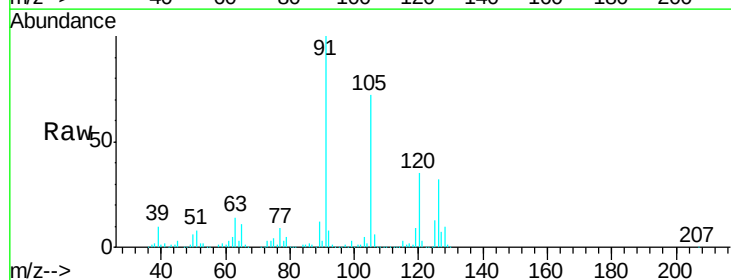
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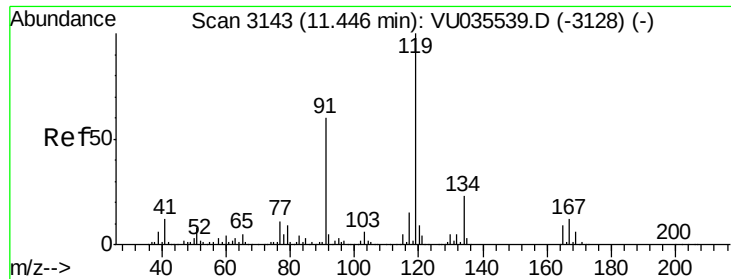
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#76
 4-Chlorotoluene
 Concen: 12.823 ug/l
 RT: 11.12 min Scan# 3043
 Delta R.T. -0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Tgt Ion:126 Resp: 388836
 Ion Ratio Lower Upper
 126 100
 91 322.8 0.0 637.0





#77

tert-Butylbenzene

Concen: 12.880 ug/l

RT: 11.45 min Scan# 3143

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

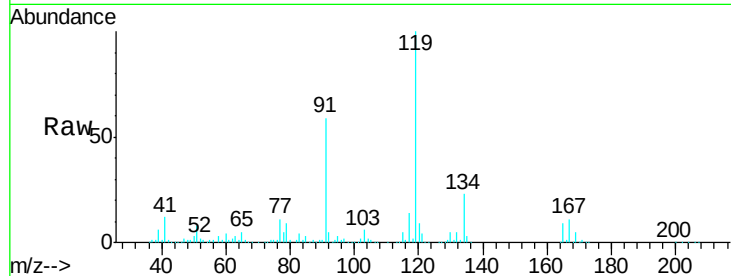
ClientSampleId :

ICVVU102919

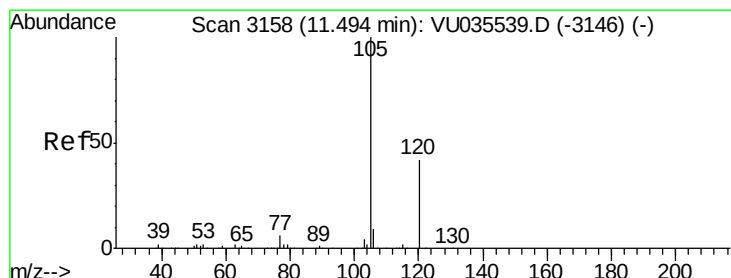
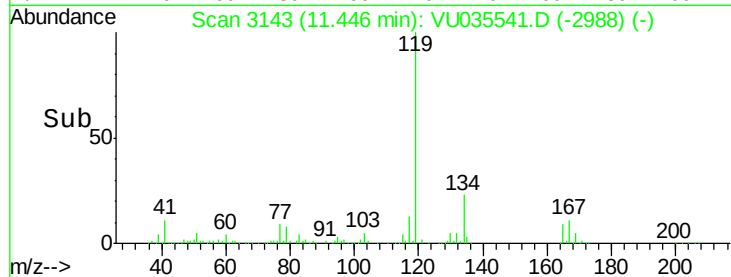
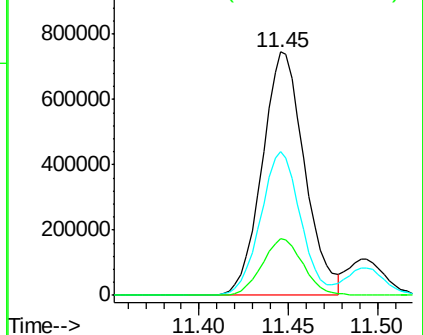
Tgt Ion:	119	Resp:	1241050
Ion	Ratio	Lower	Upper
119	100		
91	55.7	27.9	83.7
134	22.7	18.3	27.5

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 13.727 ug/l

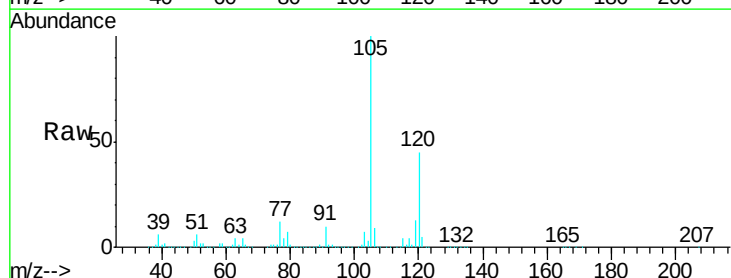
RT: 11.49 min Scan# 3158

Delta R.T. -0.00 min

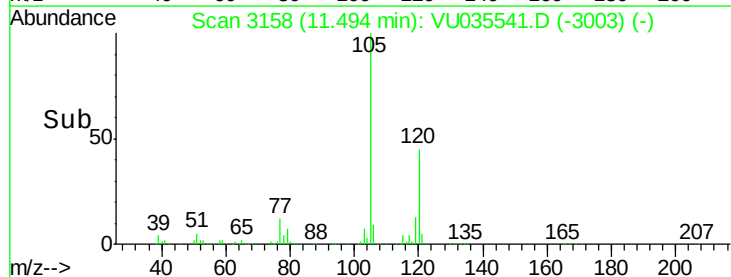
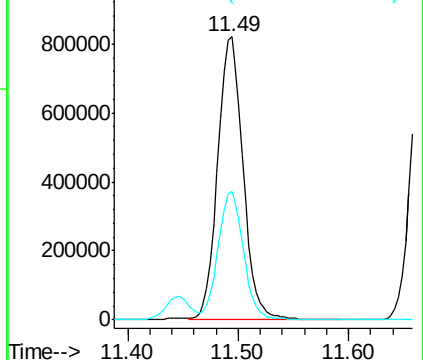
Lab File: VU035541.D

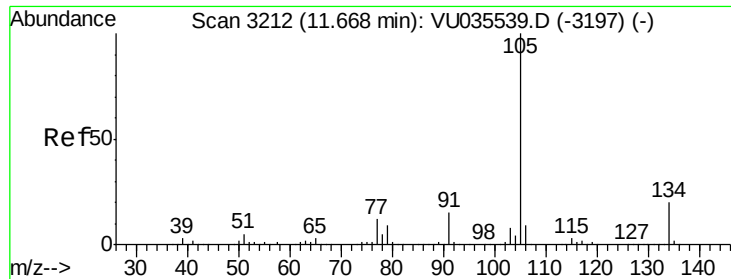
Acq: 29 Oct 2019 15:10

Tgt Ion:	105	Resp:	1305162
Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.2	69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 12.306 ug/l

RT: 11.67 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102919

Tgt Ion: 105 Resp: 1516822

Ion Ratio Lower Upper

105 100

134 20.1

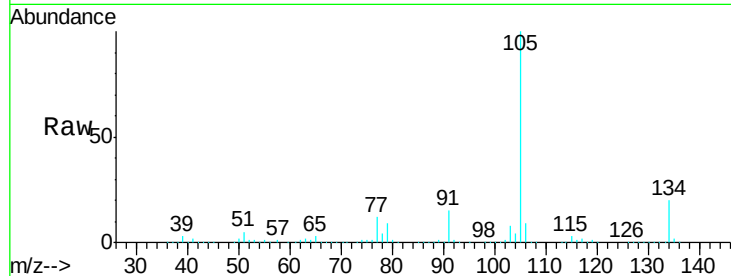
15.9 23.9

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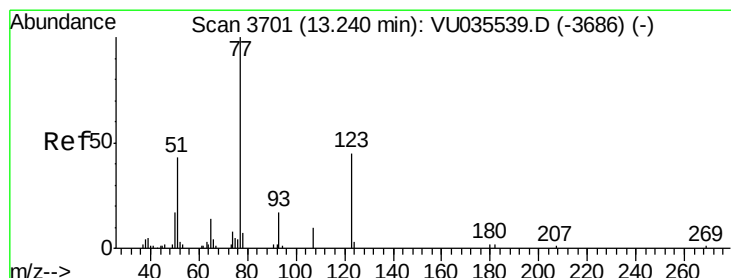
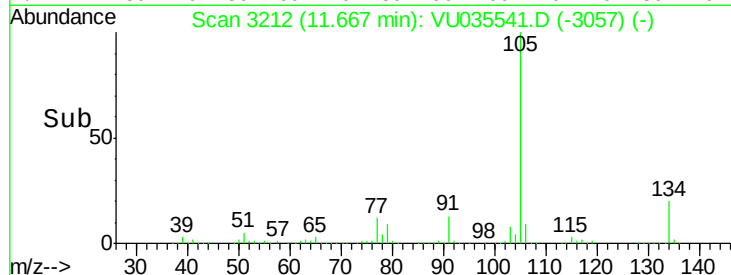
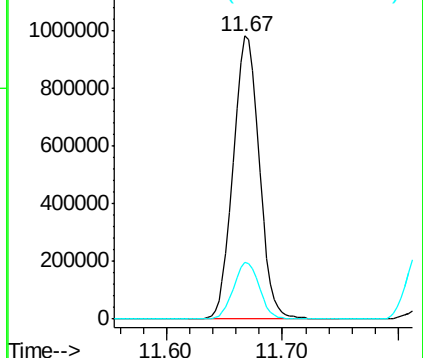
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 9.560 ug/l

RT: 13.24 min Scan# 3700

Delta R.T. -0.00 min

Lab File: VU035541.D

Acq: 29 Oct 2019 15:10

Tgt Ion: 77 Resp: 9127

Ion Ratio Lower Upper

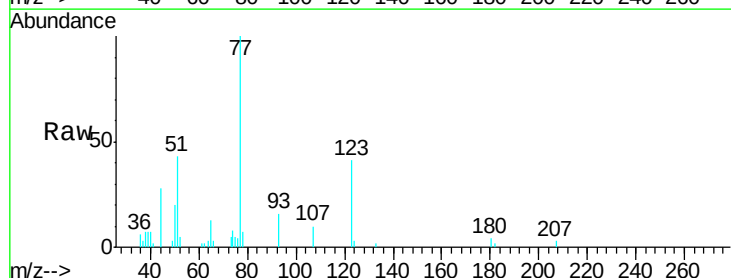
77 100

123 46.9

65 13.4

18.9 67.1

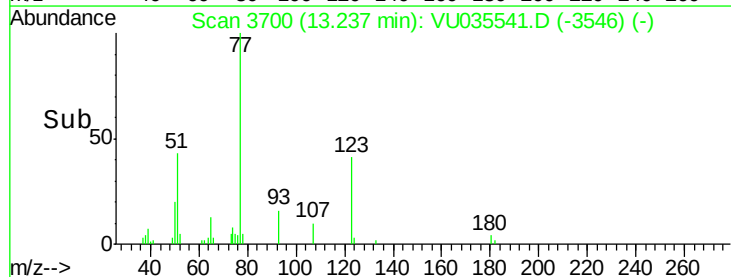
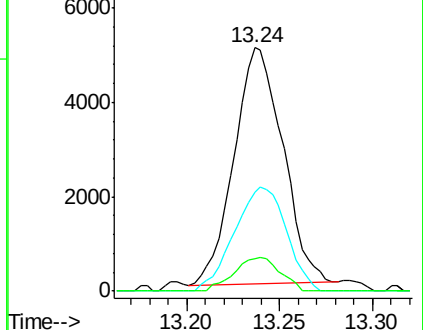
11.2 14.2

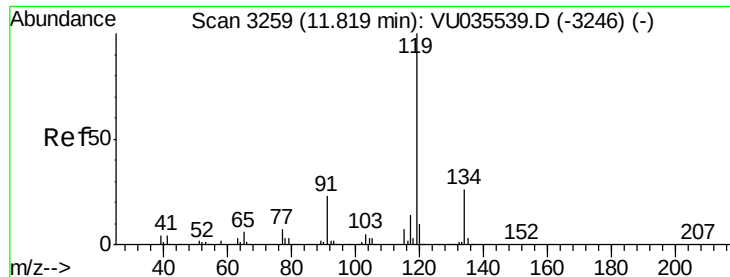


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





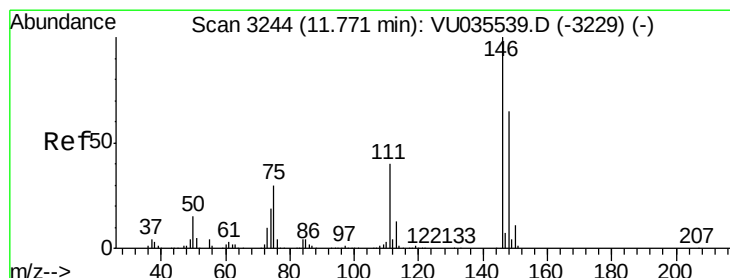
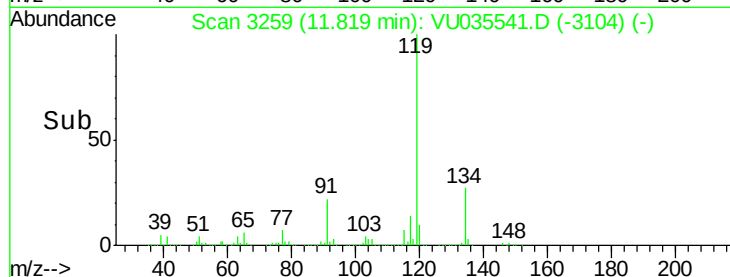
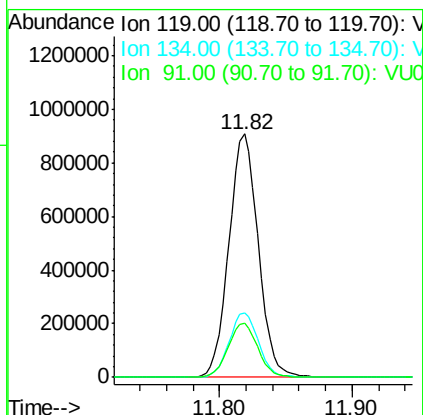
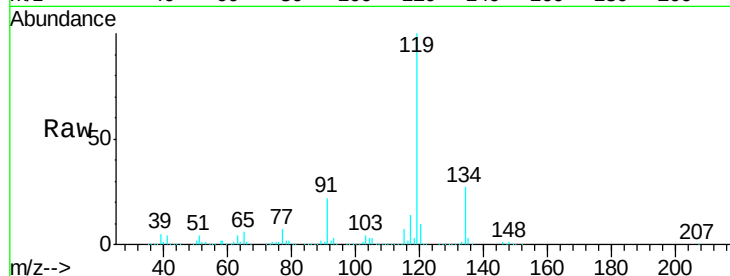
#81
p-Isopropyltoluene
Concen: 14.136 ug/l
RT: 11.82 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102919

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	17.0	25.4#
91	22.5	41.3	61.9#

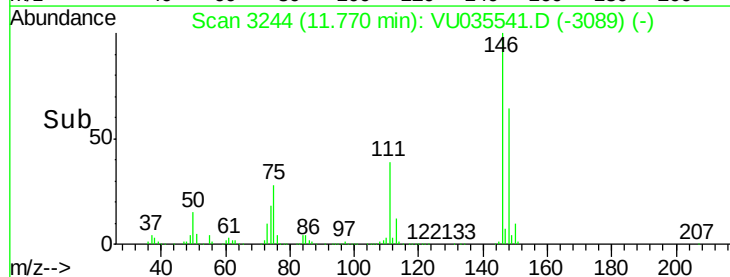
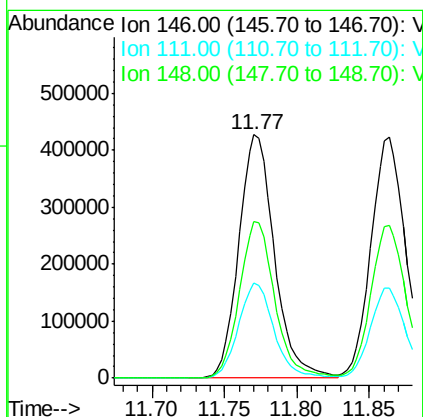
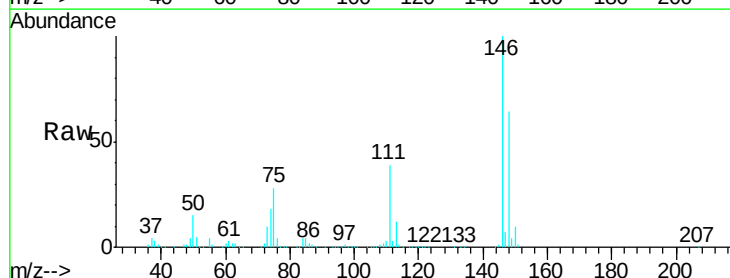
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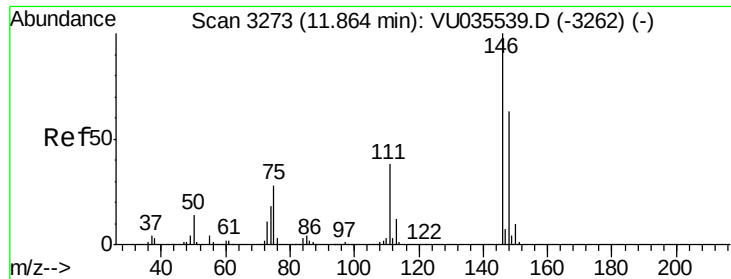
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#82
1,3-Dichlorobenzene
Concen: 12.098 ug/l
RT: 11.77 min Scan# 3244
Delta R.T. -0.00 min
Lab File: VU035541.D
Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	31.8	47.6
148	63.7	50.9	76.3





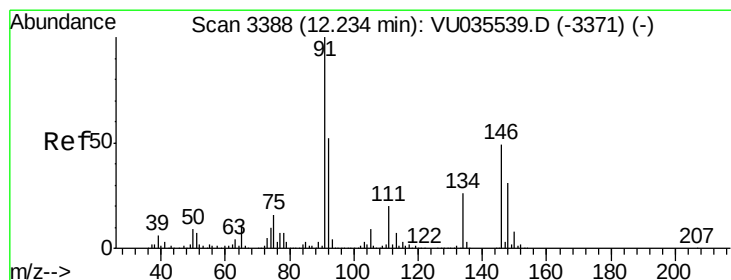
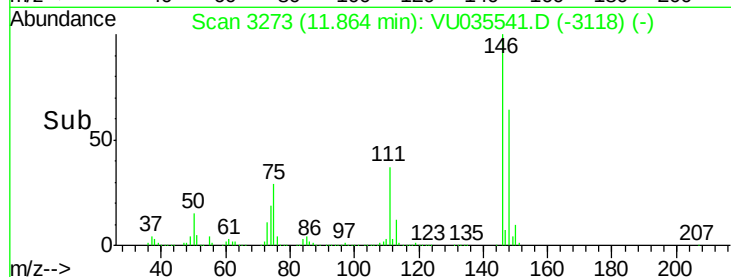
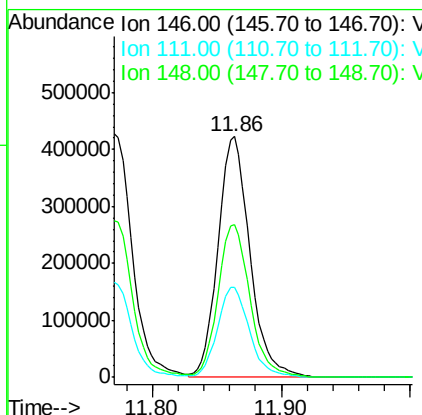
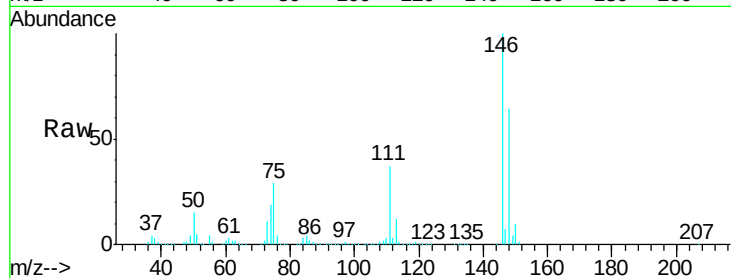
#83
 1,4-Dichlorobenzene
 Concen: 12.519 ug/l
 RT: 11.86 min Scan# 3273
 Delta R.T. -0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102919

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	30.1	45.1
148	63.9	51.0	76.4

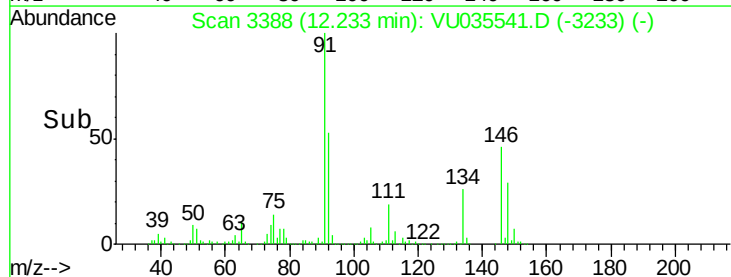
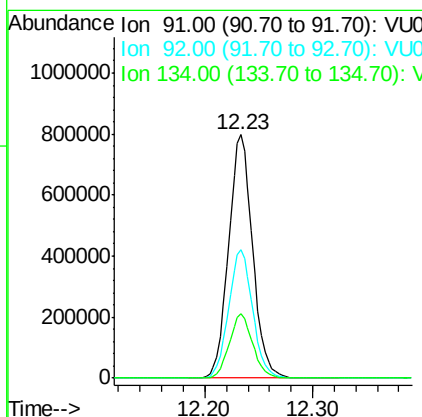
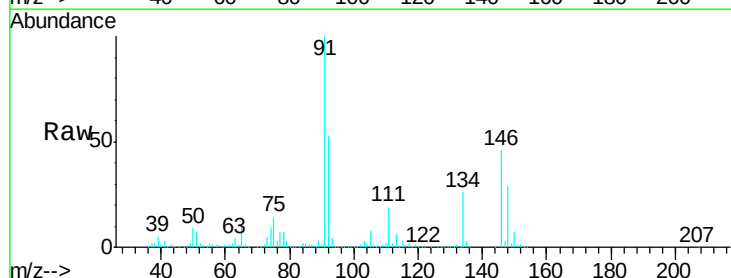
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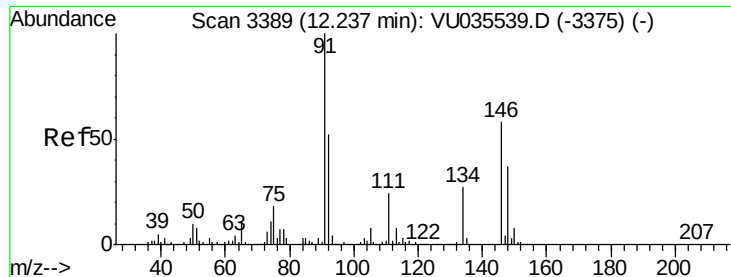
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#84
 n-Butylbenzene
 Concen: 15.239 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.7	41.4	62.0
134	25.8	20.6	30.8





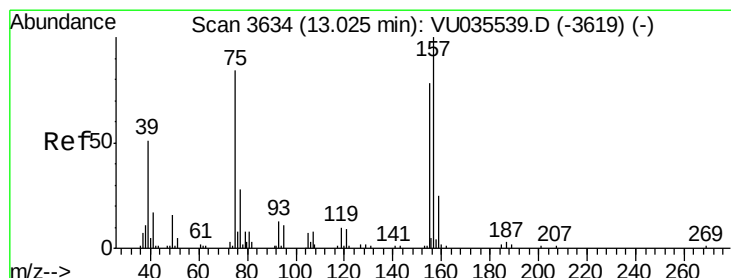
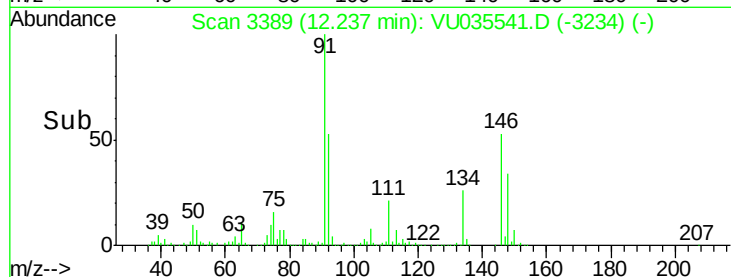
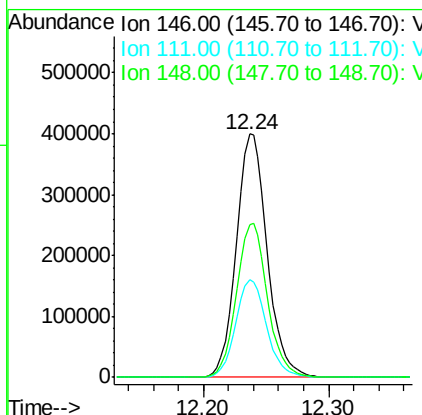
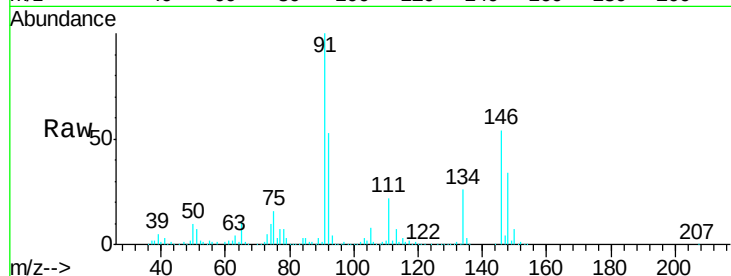
#85
 1,2-Dichlorobenzene
 Concen: 11.951 ug/l
 RT: 12.24 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102919

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	680927		
111	40.5	20.5	61.5	
148	63.7	32.0	96.2	

Manual Integrations
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 12.689 ug/l
 RT: 13.02 min Scan# 3634
 Delta R.T. -0.00 min
 Lab File: VU035541.D
 Acq: 29 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	46036		
155	89.1	71.3	106.9	
157	111.4	91.2	136.8	

