

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029104.D
 Acq On : 10 Jan 2019 09:19
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 10:03:23 AM

Quant Time: Jan 11 02:55:02 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	116710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	181880	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	173878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	90002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	72177	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	4.88	113	61662	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	7.56	98	239362	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	10.30	95	84373	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	55139	47.639	ug/l	100
3) Chloromethane	1.33	50	85772	46.379	ug/l	100
4) Vinyl Chloride	1.40	62	82288	48.244	ug/l	98
5) Bromomethane	1.61	94	41534	47.193	ug/l	99
6) Chloroethane	1.69	64	49177	48.404	ug/l	98
7) Trichlorofluoromethane	1.88	101	88227	47.470	ug/l	99
8) Diethyl Ether	2.10	74	42204	47.265	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.28	101	60921	48.988	ug/l	98
10) Methyl Iodide	2.40	142	59971	51.288	ug/l	99
11) Tert butyl alcohol	2.83	59	88294	240.761	ug/l	99
12) 1,1-Dichloroethene	2.28	96	58175	48.061	ug/l	95
13) Acrolein	2.19	56	57329	208.186	ug/l	100
14) Allyl chloride	2.59	41	99171	44.652	ug/l	92
15) Acrylonitrile	2.93	53	231602	257.418	ug/l	99
16) Acetone	2.32	43	245645	270.271	ug/l	98
17) Carbon Disulfide	2.47	76	183488	45.730	ug/l	100
18) Methyl Acetate	2.61	43	111711	52.861	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	206222	48.459	ug/l	97
20) Methylene Chloride	2.70	84	72865	47.219	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	64739	46.034	ug/l	96
22) Diisopropyl ether	3.57	45	221251	50.405	ug/l	99
23) Vinyl Acetate	3.52	43	917634	255.722	ug/l	100
24) 1,1-Dichloroethane	3.44	63	126028	49.736	ug/l	99
25) 2-Butanone	4.26	43	330255	269.029	ug/l	99
26) 2,2-Dichloropropane	4.22	77	103789	50.691	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	74091	48.170	ug/l	97
28) Bromochloromethane	4.54	49	54623	50.343	ug/l	98
29) Tetrahydrofuran	4.63	42	192220	258.170	ug/l	98
30) Chloroform	4.67	83	121256	50.241	ug/l	97
31) Cyclohexane	4.99	56	115759	48.358	ug/l	97
32) 1,1,1-Trichloroethane	4.91	97	97381	48.831	ug/l	97
36) 1,1-Dichloropropene	5.13	75	91270	50.204	ug/l	98
37) Ethyl Acetate	4.38	43	108227	54.235	ug/l	99
38) Carbon Tetrachloride	5.13	117	80957	53.392	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	113660	50.855	ug/l	99
40) Benzene	5.39	78	289688	51.085	ug/l	99
41) Methacrylonitrile	4.54	41	58648	54.905	ug/l	99
42) 1,2-Dichloroethane	5.40	62	92128	54.066	ug/l	99
43) Isopropyl Acetate	5.54	43	164972	53.893	ug/l	100
44) Trichloroethene	6.18	130	69538	49.491	ug/l	97
45) 1,2-Dichloropropane	6.43	63	79932	53.376	ug/l	99
46) Dibromomethane	6.56	93	49793	52.013	ug/l	99
47) Bromodichloromethane	6.75	83	94958	53.875	ug/l	99
48) Methyl methacrylate	6.62	41	83842	56.249	ug/l	99
49) 1,4-Dioxane	6.61	88	40354	1142.416	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	572340	274.732	ug/l	98
52) Toluene	7.63	92	175825	50.931	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	108709	51.343	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	118692	51.878	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	73273	52.981	ug/l	97
56) Ethyl methacrylate	8.02	69	110309	51.772	ug/l	96
57) 1,3-Dichloropropane	8.24	76	124353	52.548	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	255296	272.453	ug/l	98
59) 2-Hexanone	8.36	43	459284	280.858	ug/l	98
60) Dibromochloromethane	8.48	129	72692	53.054	ug/l	99
61) 1,2-Dibromoethane	8.58	107	77751	51.836	ug/l	99
64) Tetrachloroethene	8.22	164	62674	50.038	ug/l	97
65) Chlorobenzene	9.12	112	191742	49.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	65408	51.712	ug/l	99
67) Ethyl Benzene	9.25	91	329918	50.701	ug/l	100
68) m/p-Xylenes	9.37	106	260592	103.068	ug/l	99
69) o-Xylene	9.78	106	121776	49.987	ug/l	98
70) Styrene	9.79	104	209669	52.500	ug/l	99
71) Bromoform	9.95	173	59878	53.167	ug/l #	99
73) Isopropylbenzene	10.16	105	325185	48.814	ug/l	100
74) N-amyl acetate	10.01	43	144943	50.492	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	130355	48.824	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	112726m	51.118	ug/l	
77) Bromobenzene	10.45	156	83397	48.039	ug/l	98
78) n-propylbenzene	10.58	91	400727	51.043	ug/l	100
79) 2-Chlorotoluene	10.66	91	234093	49.155	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	278274	50.022	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	39099m	45.728	ug/l	
82) 4-Chlorotoluene	10.77	91	269263	49.308	ug/l	99
83) tert-Butylbenzene	11.10	119	271885	49.586	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	284713	51.261	ug/l	99
85) sec-Butylbenzene	11.32	105	339772	51.238	ug/l	100
86) p-Isopropyltoluene	11.48	119	296209	52.420	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	153491	48.203	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	154819	47.102	ug/l	99
89) n-Butylbenzene	11.89	91	277778	55.078	ug/l	99
90) Hexachloroethane	12.14	117	48493	51.013	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	151444	47.218	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27046	52.668	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	103014	50.315	ug/l	99
94) Hexachlorobutadiene	13.69	225	51267	54.745	ug/l	99
95) Naphthalene	13.74	128	336457	48.308	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	104860	49.755	ug/l	99

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

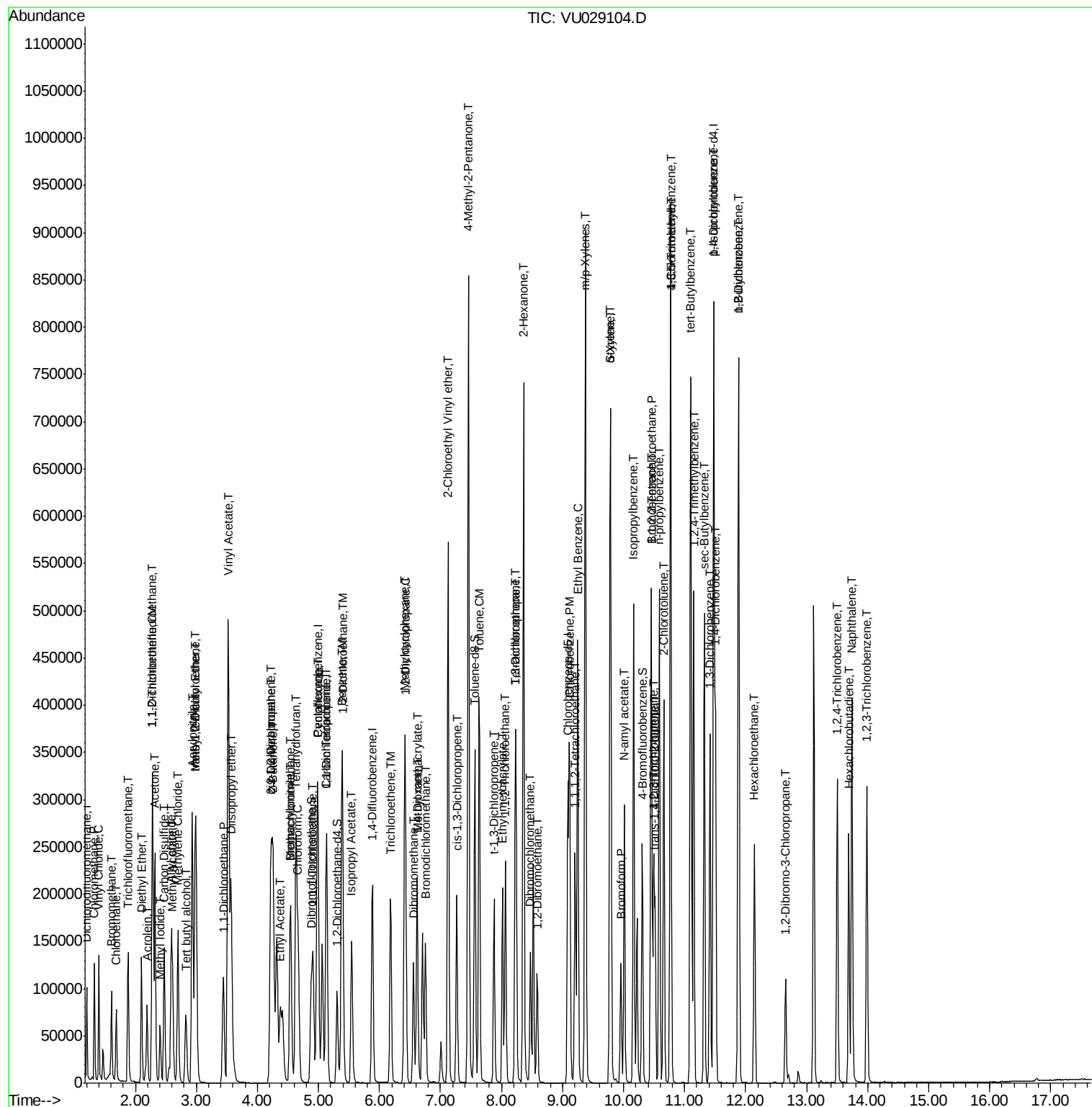
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Data File : VU029104.D
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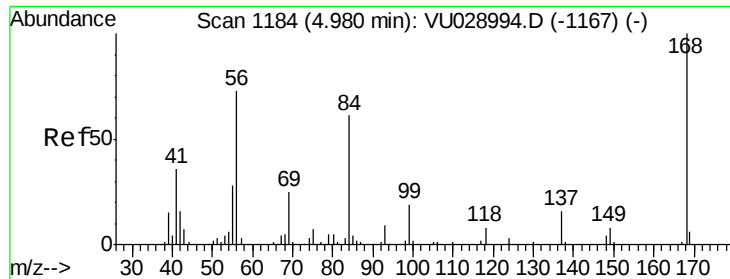
Instrument :
MSVOA_U
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 116710

Ion Ratio Lower Upper

168 100

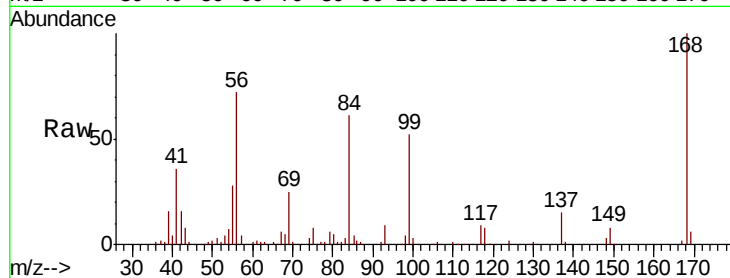
99 51.7 42.0 63.0

Manual Integrations

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1/11/2019 10:03:23 AM

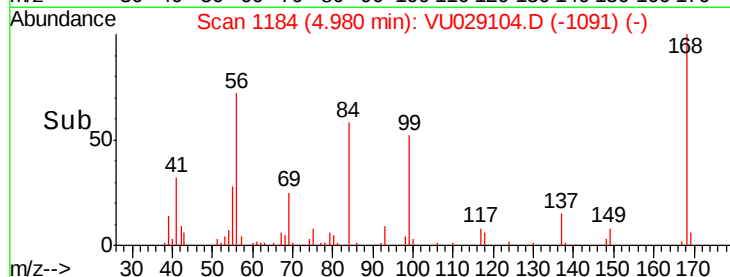


Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

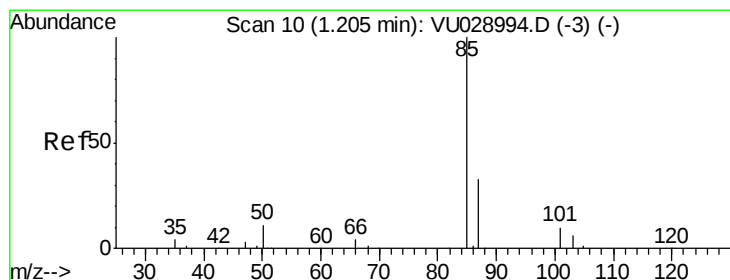
Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

5.10



Time-->



#2

Dichlorodifluoromethane

Concen: 47.639 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU029104.D

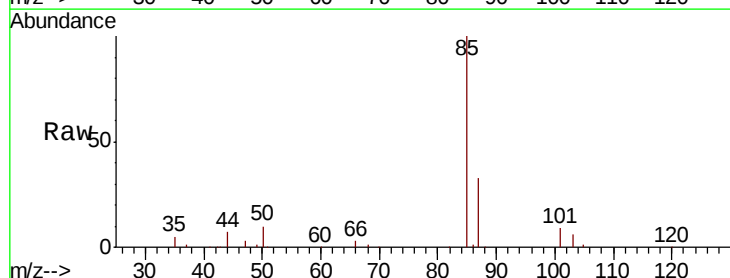
Acq: 10 Jan 2019 09:19

Tgt Ion: 85 Resp: 55139

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.8

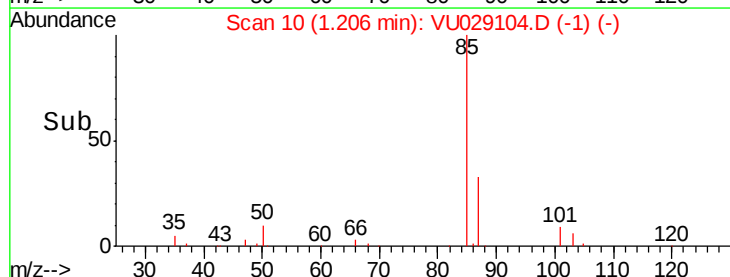


Abundance Ion 84.90 (84.60 to 85.60): VU028994.D (-3) (-)

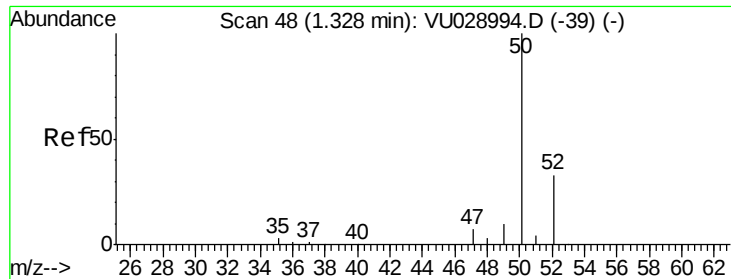
Ion 86.90 (86.60 to 87.60): VU028994.D (-3) (-)

1.21

1.25



Time-->



#3

Chloromethane

Concen: 46.379 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 85772

Ion Ratio Lower Upper

50 100

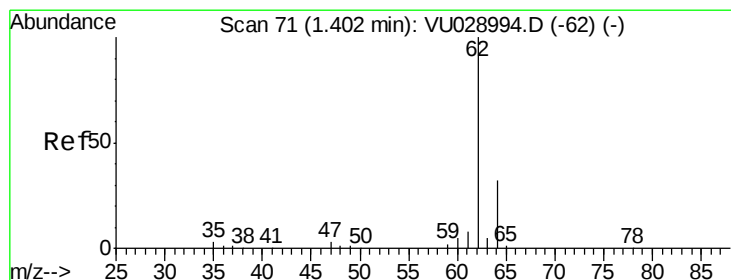
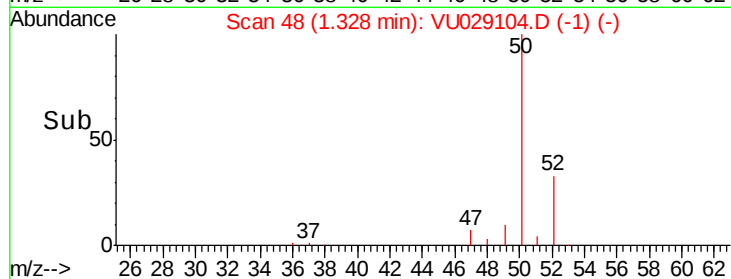
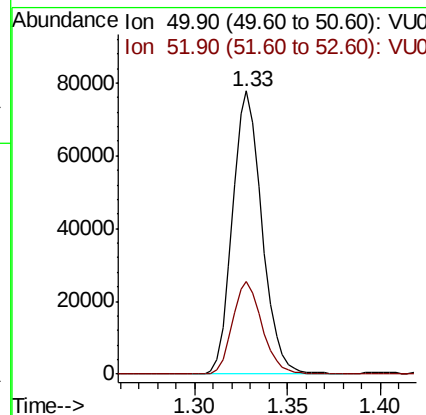
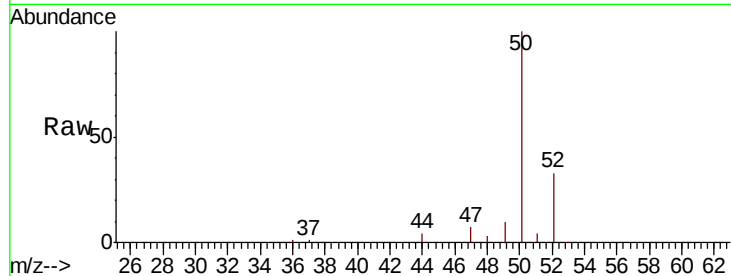
52 32.6 26.1 39.1

Manual Integrations

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1/11/2019 10:03:23 AM



#4

Vinyl Chloride

Concen: 48.244 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU029104.D

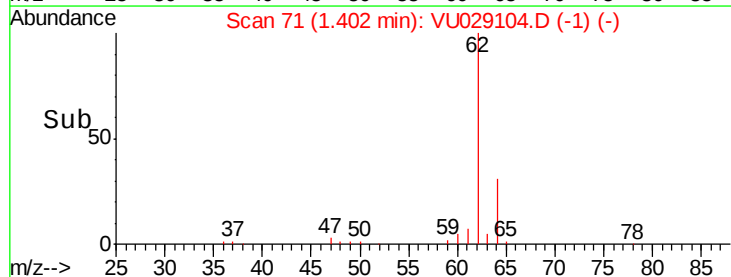
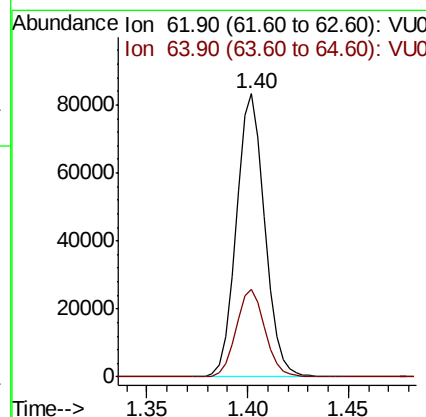
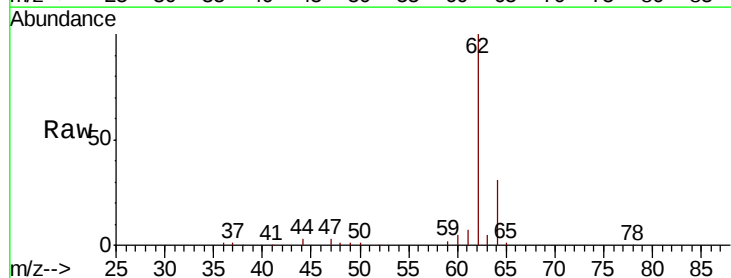
Acq: 10 Jan 2019 09:19

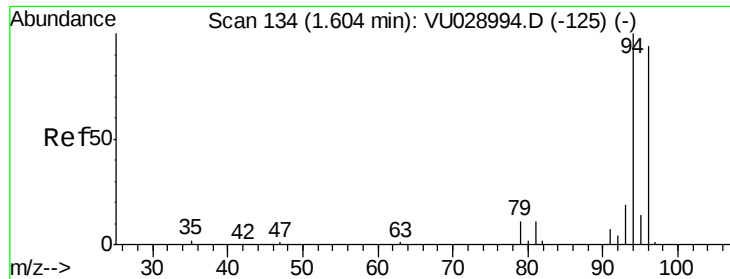
Tgt Ion: 62 Resp: 82288

Ion Ratio Lower Upper

62 100

64 31.1 25.9 38.9





#5

Bromomethane

Concen: 47.193 ug/l

RT: 1.61 min Scan# 136

Delta R.T. 0.01 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 41534

Ion Ratio Lower Upper

94 100

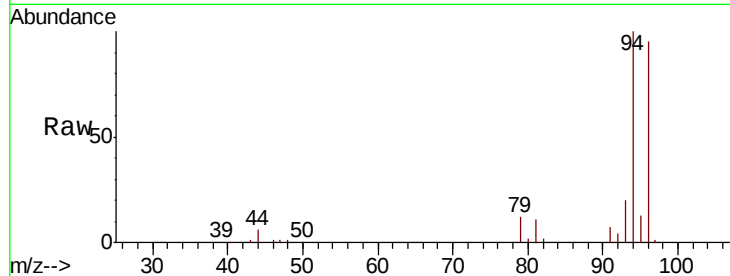
96 94.9 75.5 113.3

Manual Integrations

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1/11/2019 10:03:23 AM



Abundance Ion 93.90 (93.60 to 94.60): VU028994.D (-125) (-)

Ion 95.90 (95.60 to 96.60): VU028994.D (-125) (-)

1.61

40000

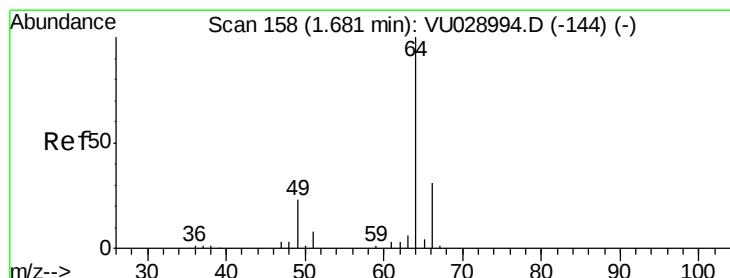
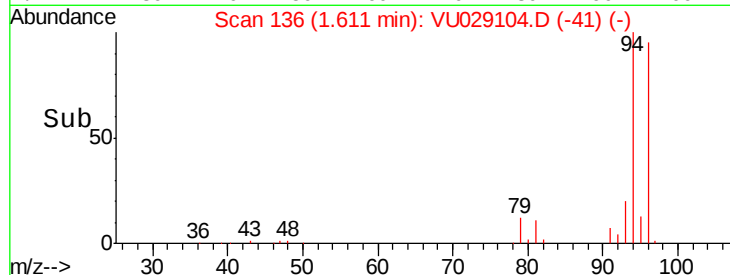
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 48.404 ug/l

RT: 1.69 min Scan# 160

Delta R.T. 0.01 min

Lab File: VU029104.D

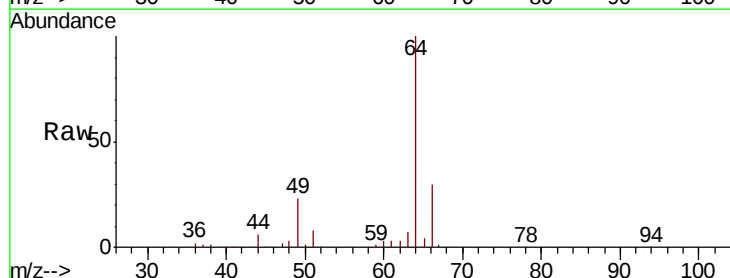
Acq: 10 Jan 2019 09:19

Tgt Ion: 64 Resp: 49177

Ion Ratio Lower Upper

64 100

66 30.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VU028994.D (-144) (-)

Ion 65.90 (65.60 to 66.60): VU028994.D (-144) (-)

1.69

40000

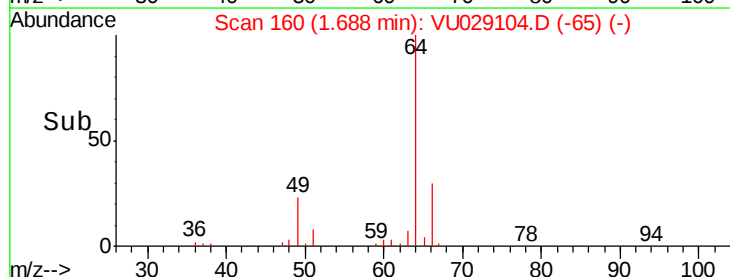
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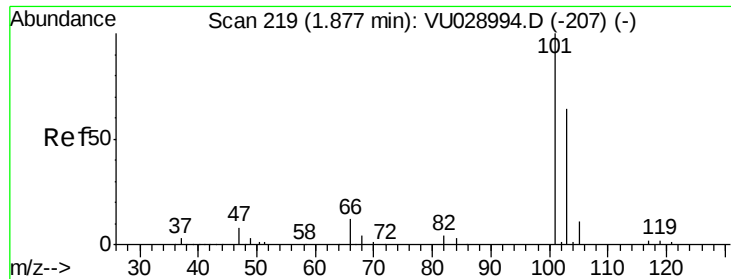
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Time-->





#7

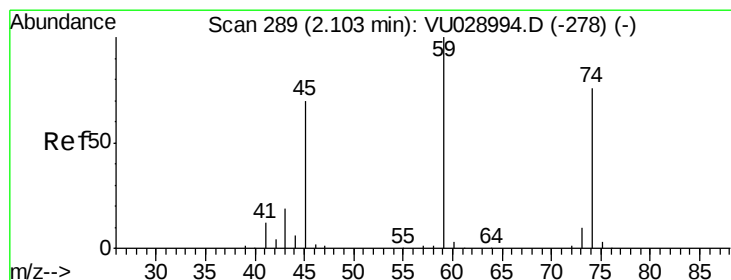
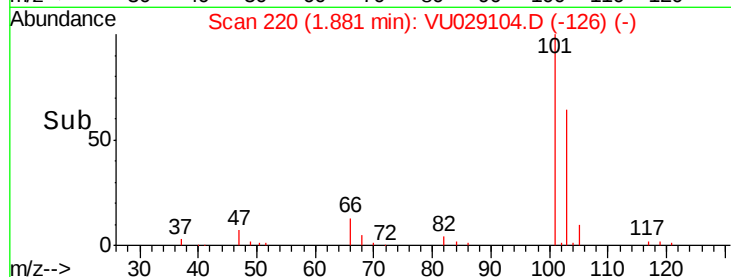
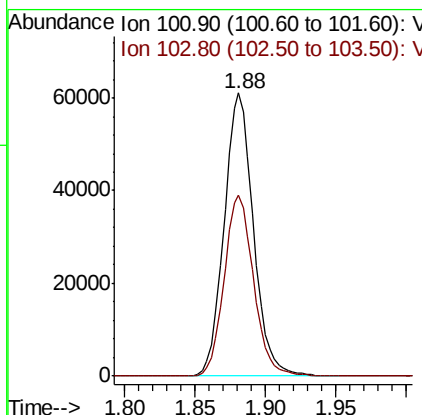
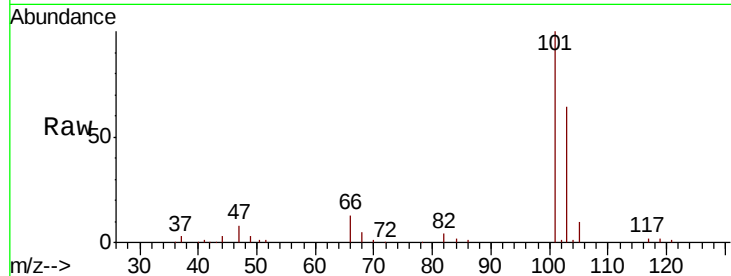
Trichlorofluoromethane
Concen: 47.470 ug/l
RT: 1.88 min Scan# 220
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 88227
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

Manual Integrations
APPROVED

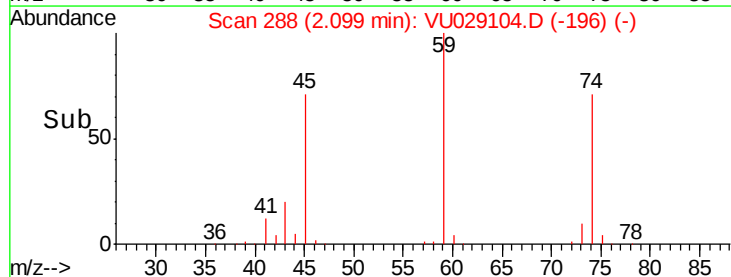
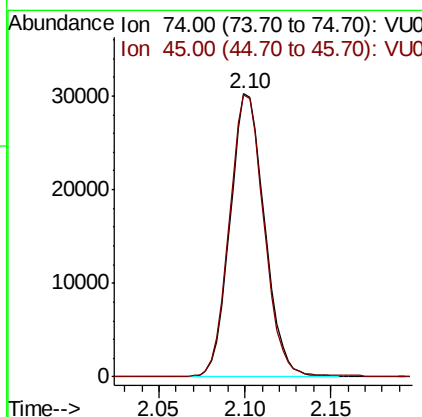
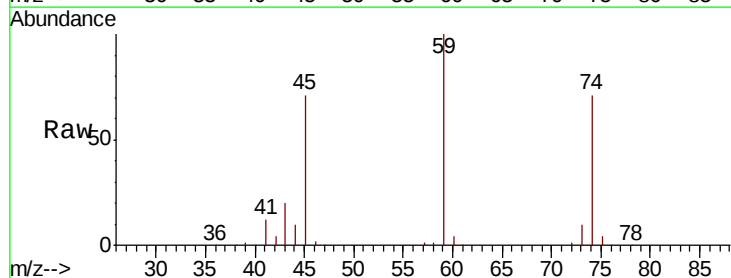
MMDadoda
1/11/2019 10:03:23 AM

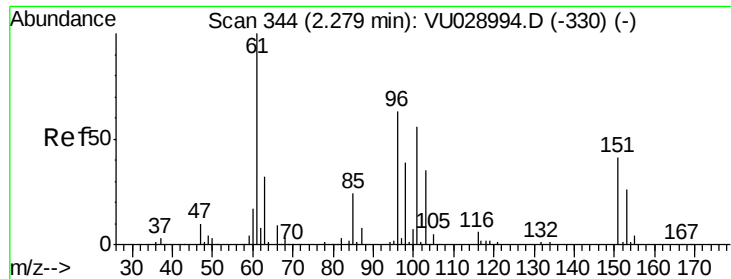


#8

Diethyl Ether
Concen: 47.265 ug/l
RT: 2.10 min Scan# 288
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion: 74 Resp: 42204
Ion Ratio Lower Upper
74 100
45 100.0 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.988 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

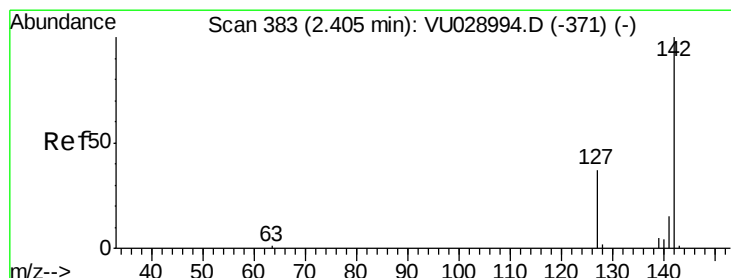
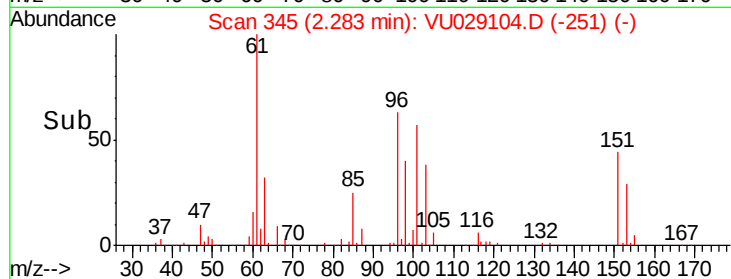
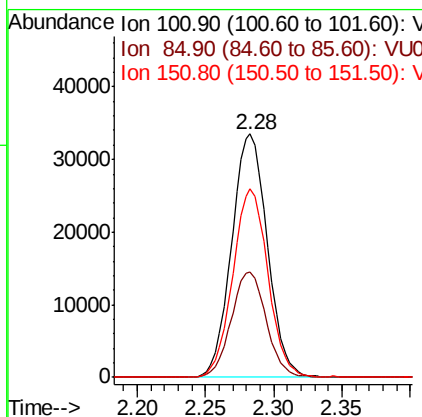
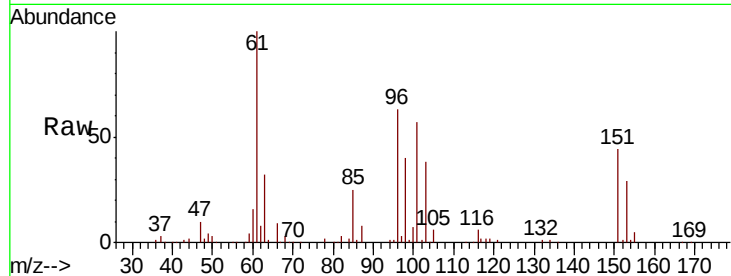
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	60921
Ion Ratio	Lower	Upper	
101	100		
85	42.5	35.1	52.7
151	76.3	60.2	90.2

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#10

Methyl Iodide

Concen: 51.288 ug/l

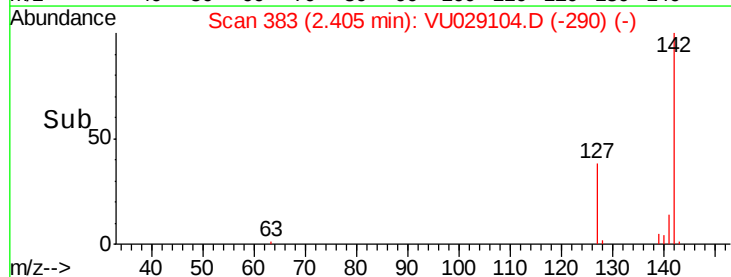
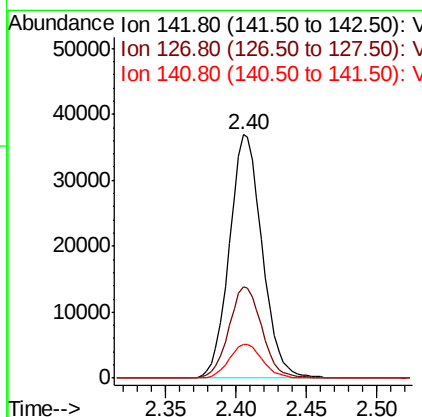
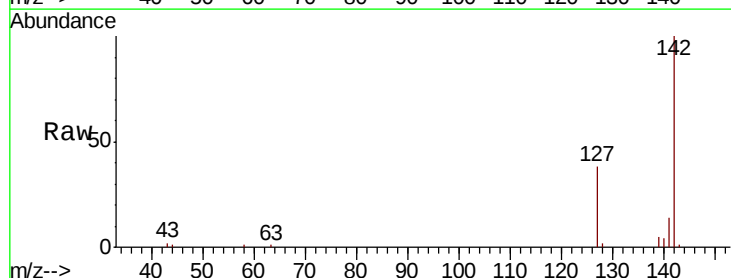
RT: 2.40 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Tgt Ion:	142	Resp:	59971
Ion Ratio	Lower	Upper	
142	100		
127	37.8	29.8	44.6
141	14.0	11.5	17.3





#11

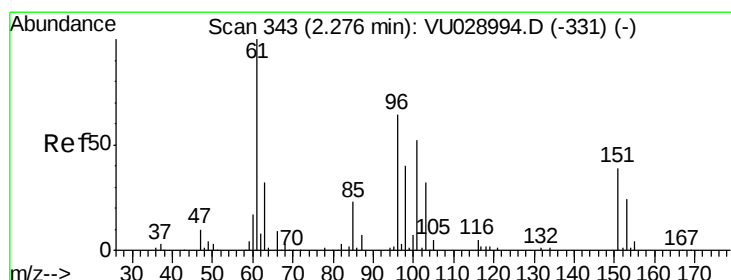
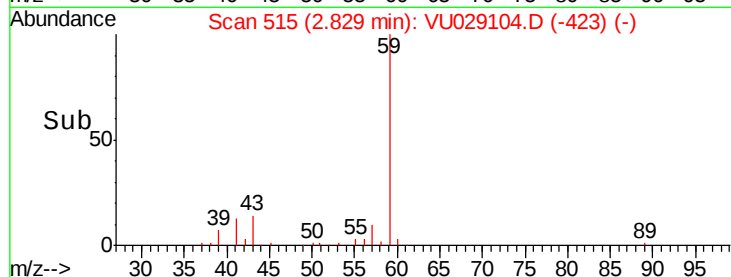
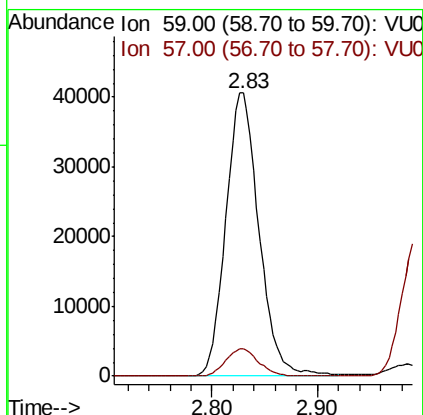
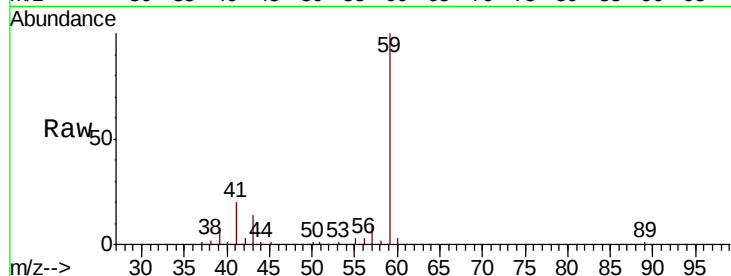
Tert butyl alcohol
Concen: 240.761 ug/l
RT: 2.83 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.9	11.9

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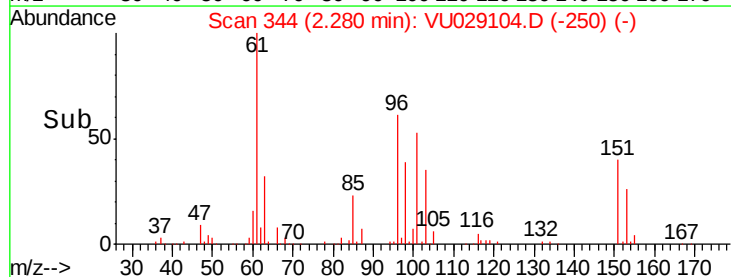
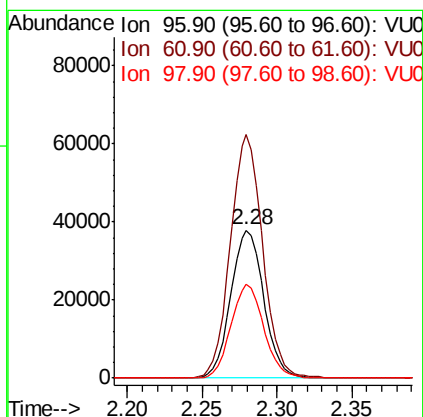
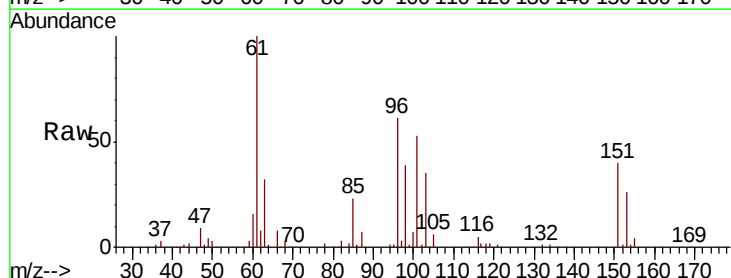
MMDadoda
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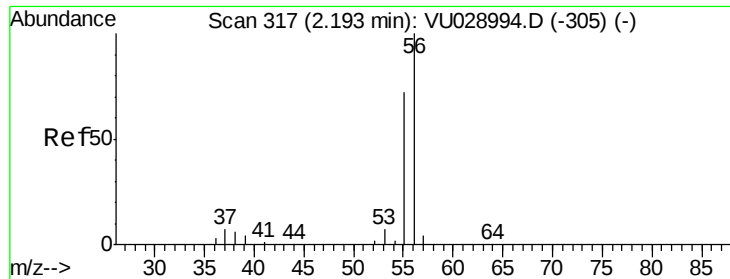


#12

1,1-Dichloroethene
Concen: 48.061 ug/l
RT: 2.28 min Scan# 344
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.6	125.4	188.0
98	63.6	49.7	74.5





#13

Acrolein

Concen: 208.186 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 57329

Ion Ratio Lower Upper

56 100

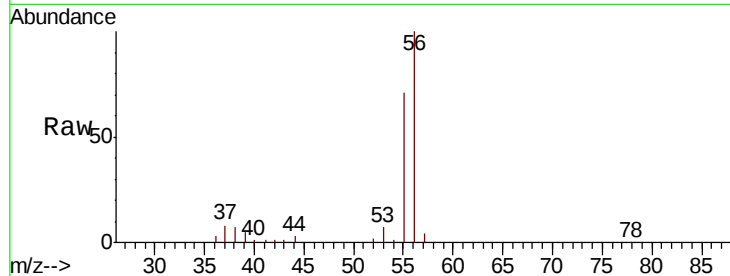
55 70.4 56.5 84.7

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Abundance Ion 56.00 (55.70 to 56.70): VU029104.D (-224) (-)

Ion 55.00 (54.70 to 55.70): VU029104.D (-224) (-)

2.19

40000

30000

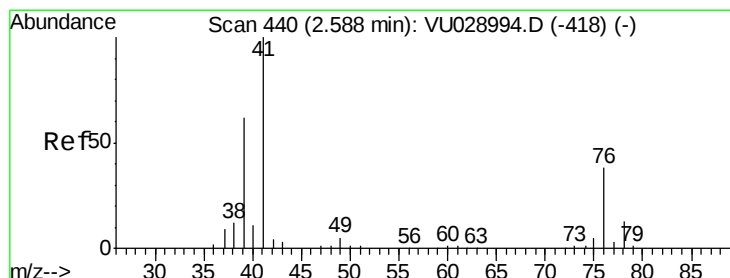
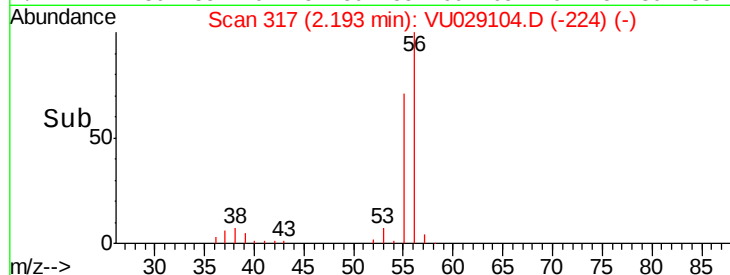
20000

10000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 44.652 ug/l

RT: 2.59 min Scan# 440

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

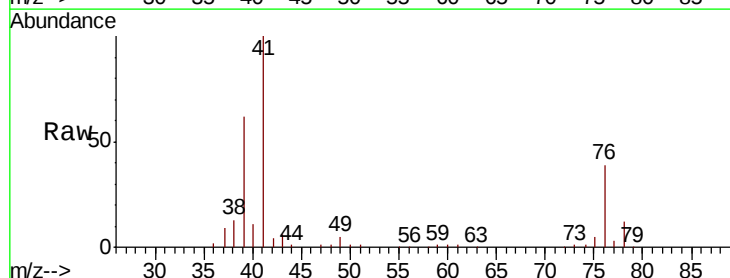
Tgt Ion: 41 Resp: 99171

Ion Ratio Lower Upper

41 100

39 63.3 45.0 67.6

76 38.5 28.1 42.1



Abundance Ion 41.00 (40.70 to 41.70): VU029104.D (-347) (-)

Ion 39.00 (38.70 to 39.70): VU029104.D (-347) (-)

Ion 75.90 (75.60 to 76.60): VU029104.D (-347) (-)

2.59

60000

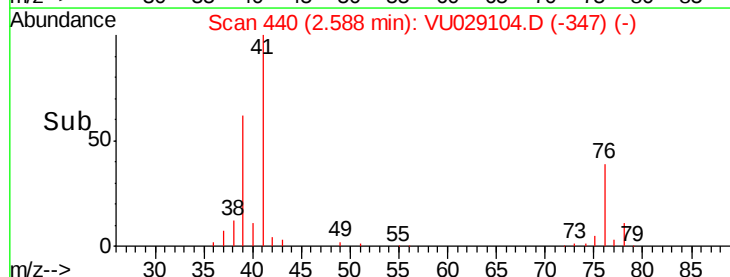
40000

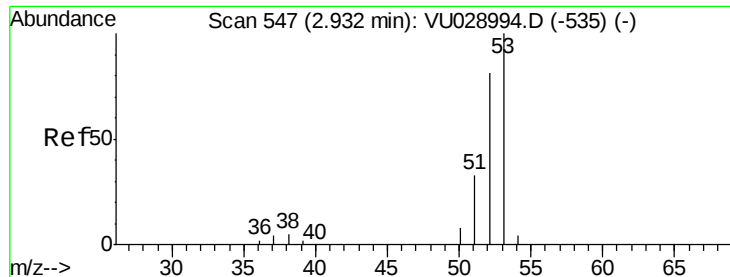
20000

0

Time-->

2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 257.418 ug/l

RT: 2.93 min Scan# 547

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

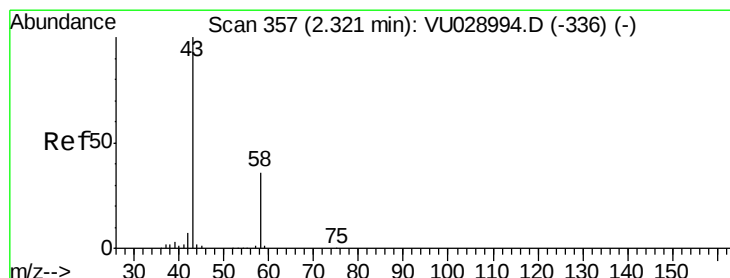
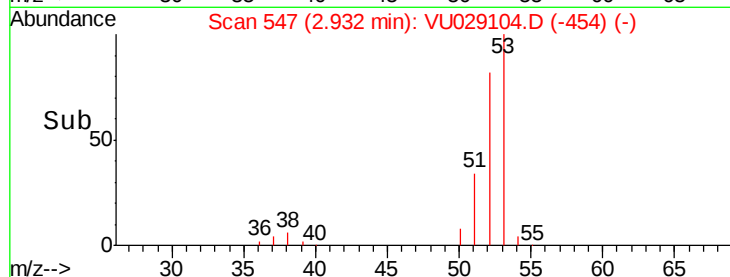
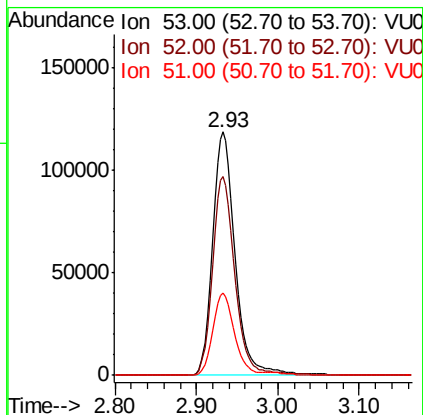
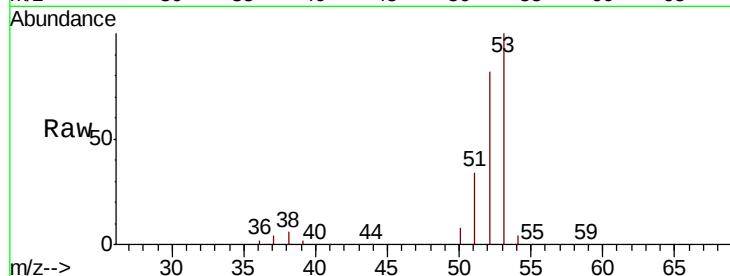
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	231602
Ion	Ratio	Lower	Upper
53	100		
52	81.3	64.8	97.2
51	32.5	27.3	40.9

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#16

Acetone

Concen: 270.271 ug/l

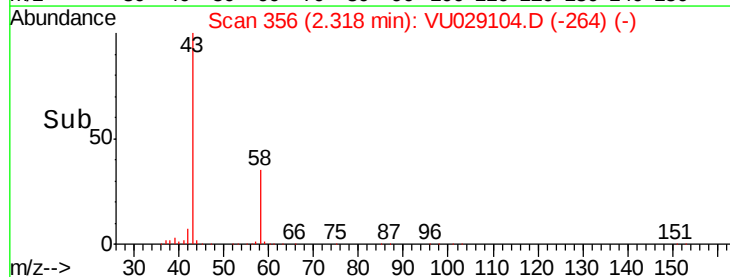
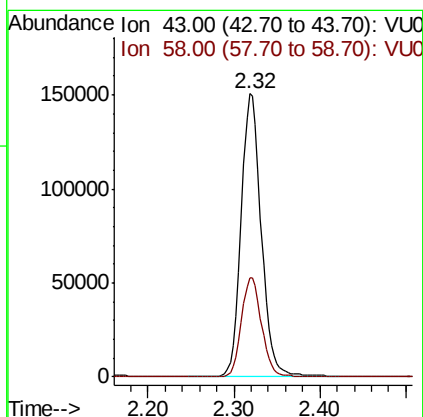
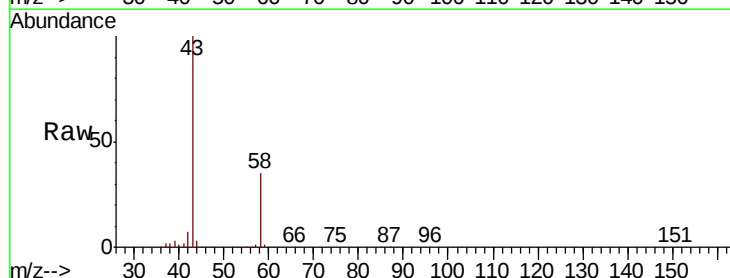
RT: 2.32 min Scan# 356

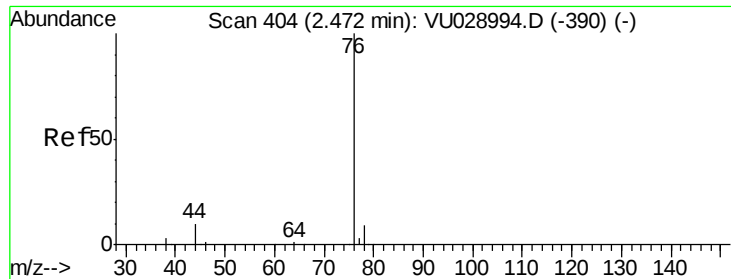
Delta R.T. -0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Tgt Ion:	43	Resp:	245645
Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.6	42.8





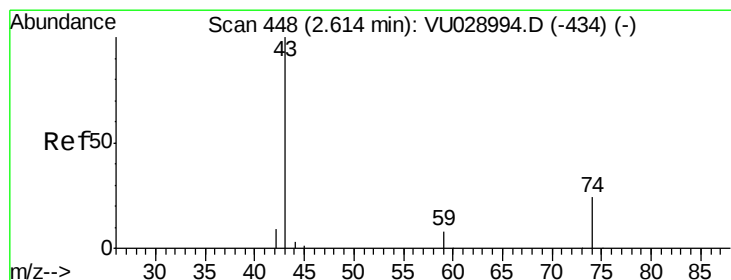
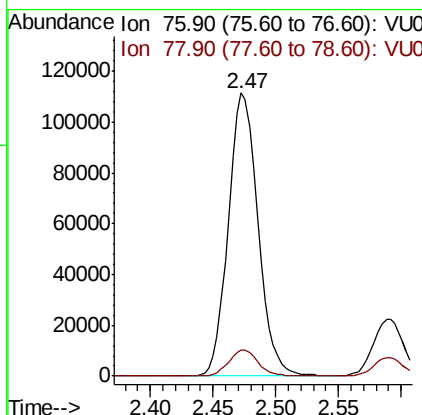
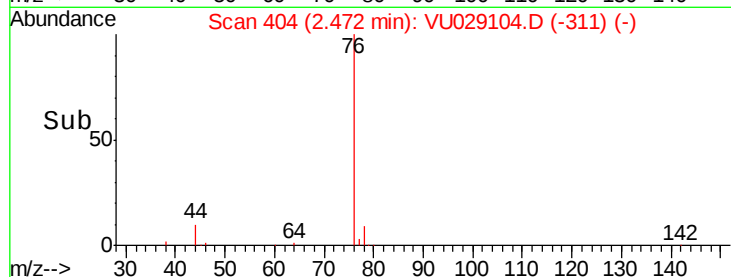
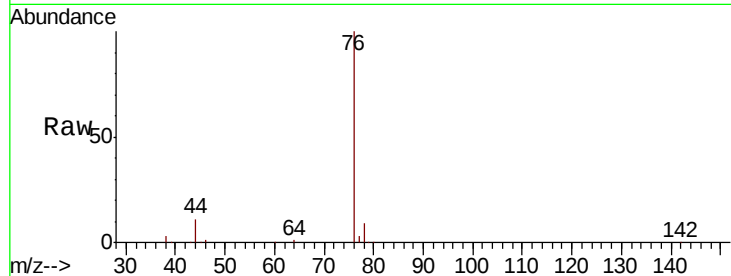
#17
Carbon Disulfide
Concen: 45.730 ug/l
RT: 2.47 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 183488
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

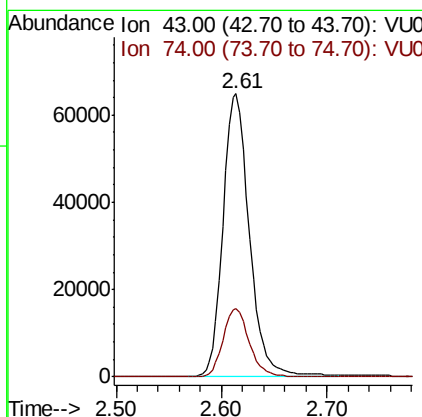
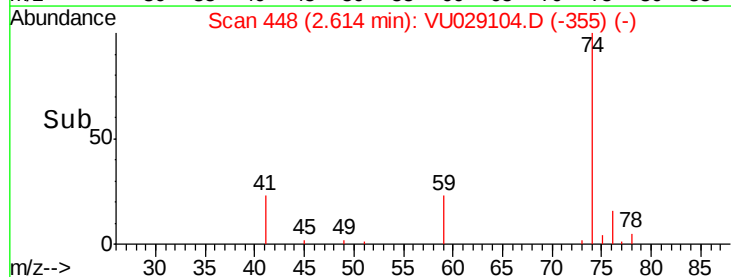
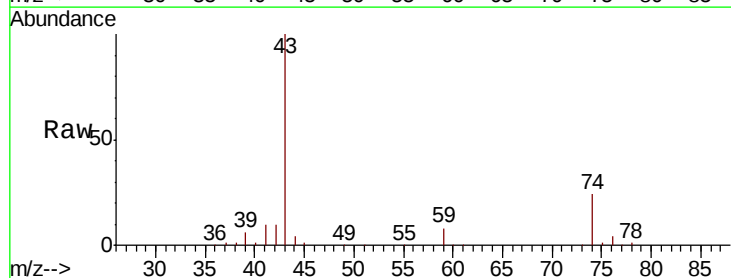
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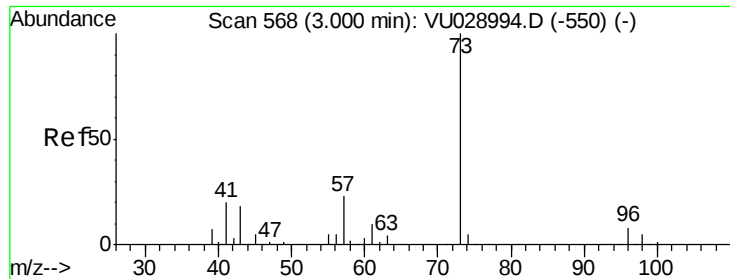
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#18
Methyl Acetate
Concen: 52.861 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion: 43 Resp: 111711
Ion Ratio Lower Upper
43 100
74 24.4 19.5 29.3





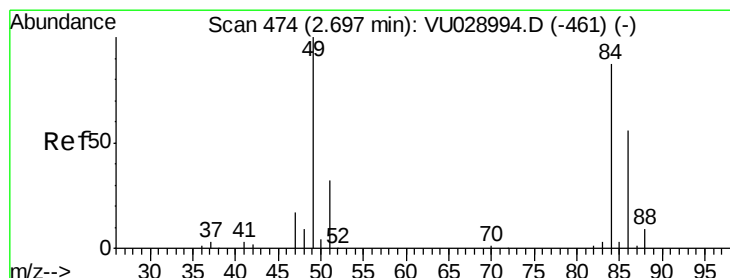
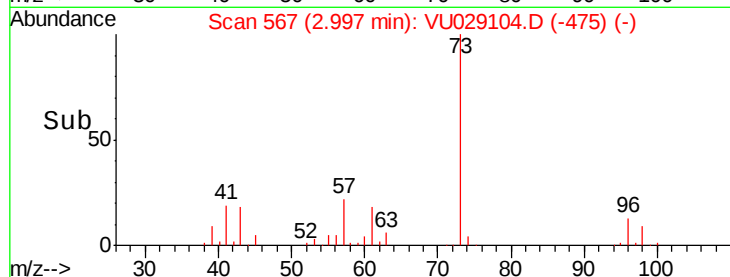
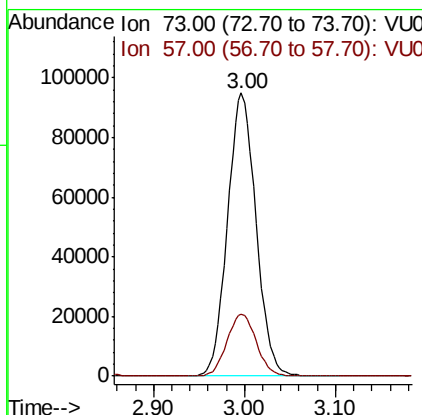
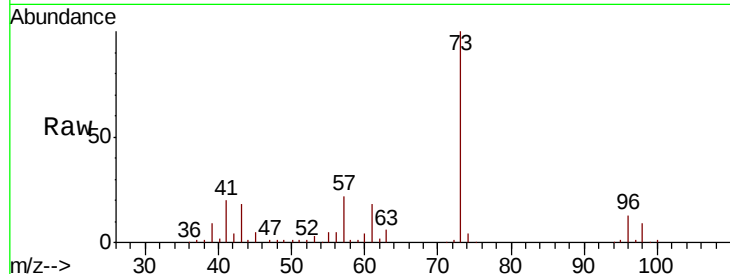
#19
Methyl tert-butyl Ether
Concen: 48.459 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 206222
Ion Ratio Lower Upper
73 100
57 21.8 18.6 28.0

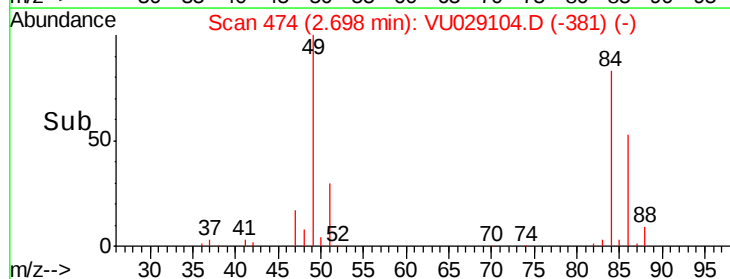
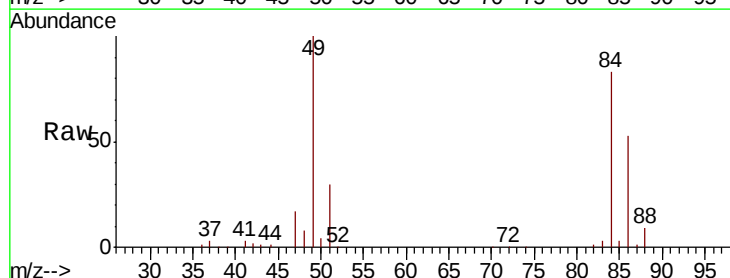
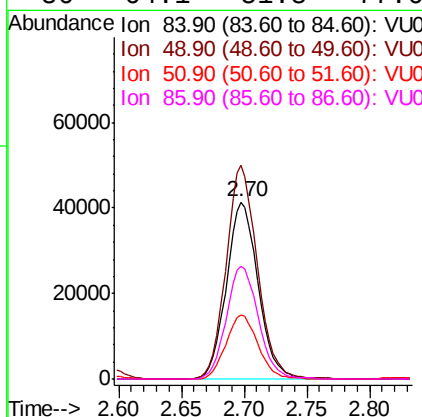
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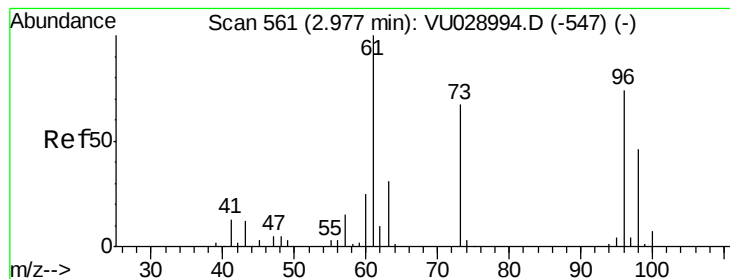
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#20
Methylene Chloride
Concen: 47.219 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion: 84 Resp: 72865
Ion Ratio Lower Upper
84 100
49 120.9 91.9 137.9
51 36.5 29.2 43.8
86 64.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 46.034 ug/l

RT: 2.98 min Scan# 561

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 64739

Ion Ratio Lower Upper

96 100

61 138.9 107.7 161.5

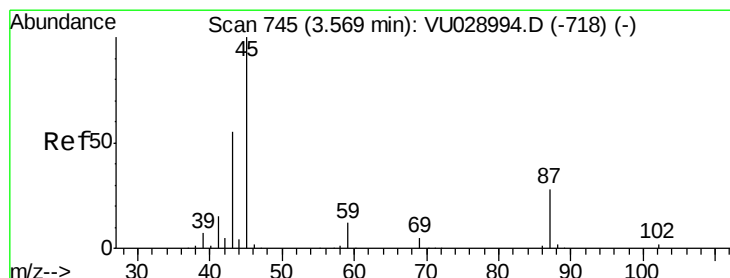
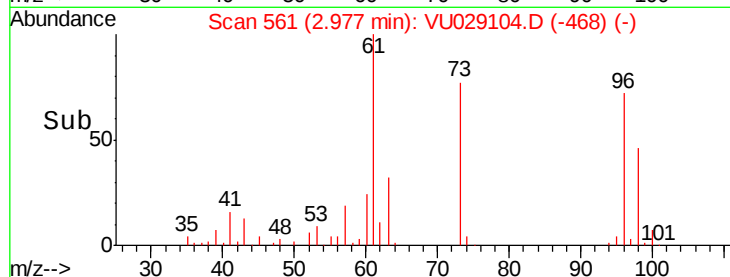
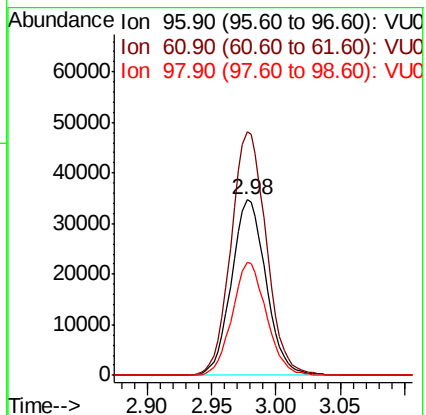
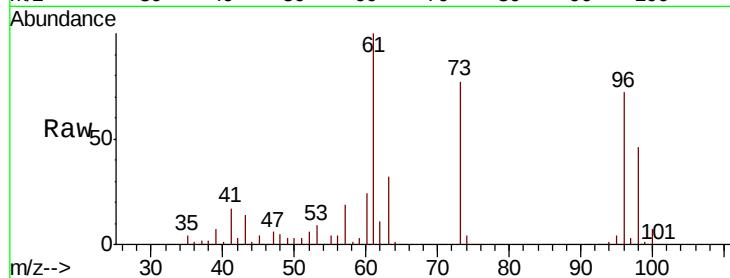
98 64.4 49.2 73.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 50.405 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Tgt Ion: 45 Resp: 221251

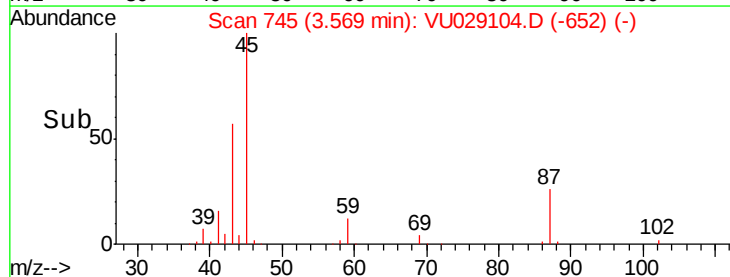
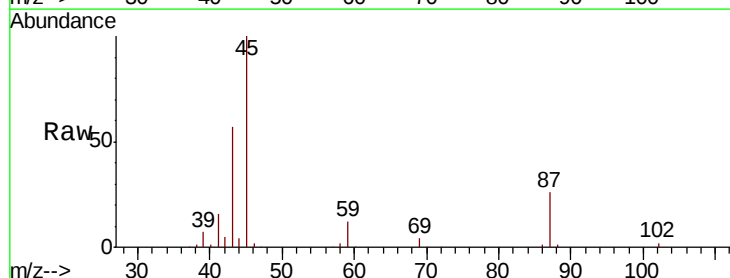
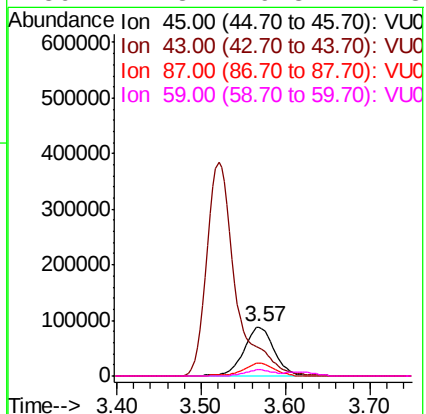
Ion Ratio Lower Upper

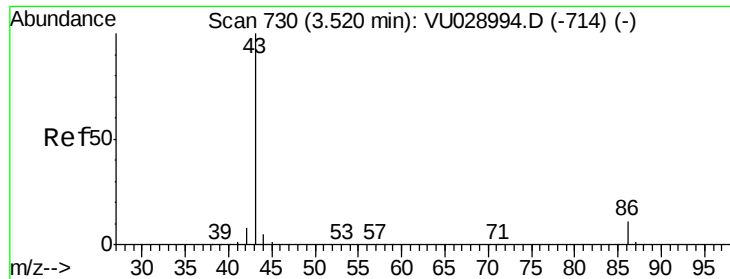
45 100

43 56.1 44.7 67.1

87 26.0 22.2 33.2

59 12.3 9.8 14.8





#23

Vinyl Acetate

Concen: 255.722 ug/l

RT: 3.52 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 917634

Ion Ratio Lower Upper

43 100

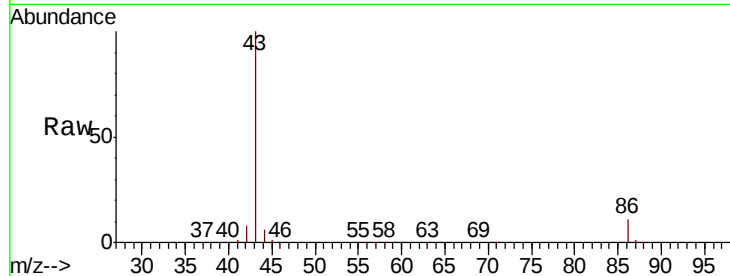
86 10.7 8.6 13.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-714) (-)

Ion 86.00 (85.70 to 86.70): VU028994.D (-714) (-)

3.52

400000

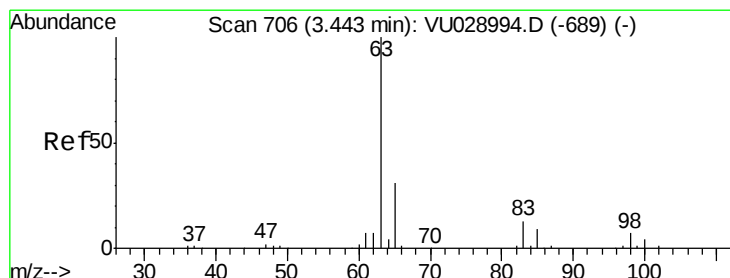
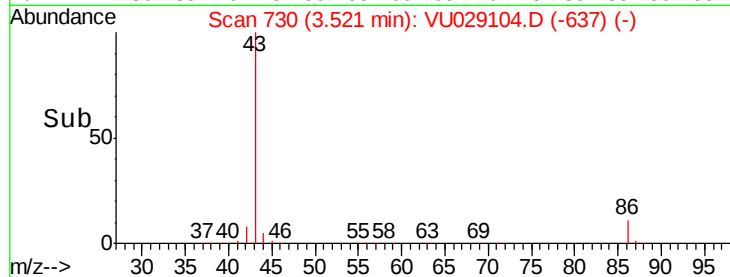
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.736 ug/l

RT: 3.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

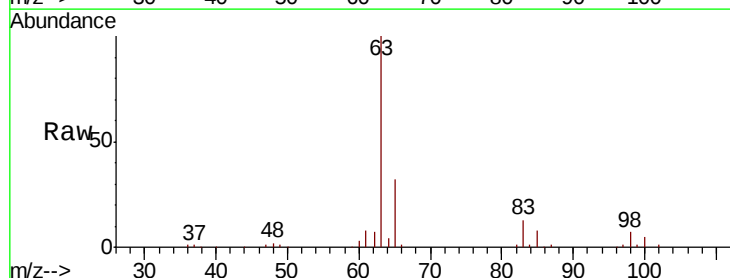
Tgt Ion: 63 Resp: 126028

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU028994.D (-689) (-)

Ion 97.90 (97.60 to 98.60): VU028994.D (-689) (-)

Ion 99.90 (99.60 to 100.60): VU028994.D (-689) (-)

3.44

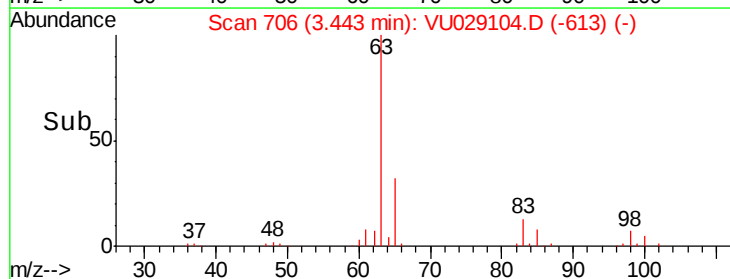
60000

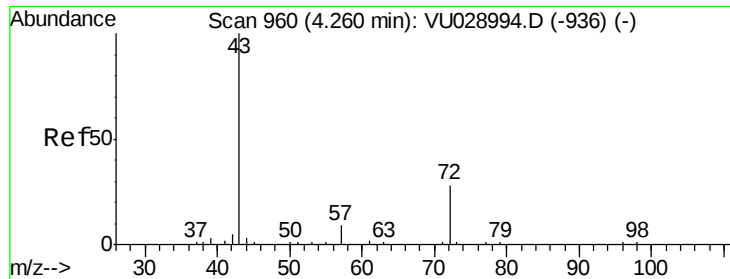
40000

20000

0

Time-->





#25

2-Butanone

Concen: 269.029 ug/l

RT: 4.26 min Scan# 959

Delta R.T. -0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 330255

Ion Ratio Lower Upper

43 100

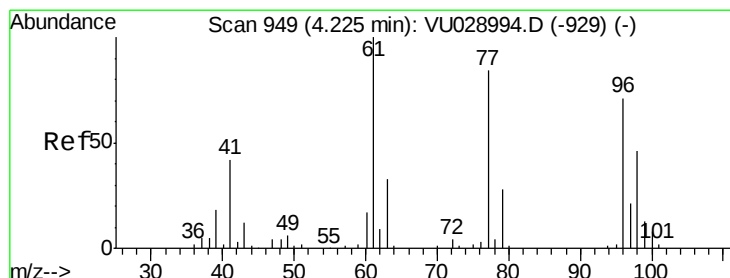
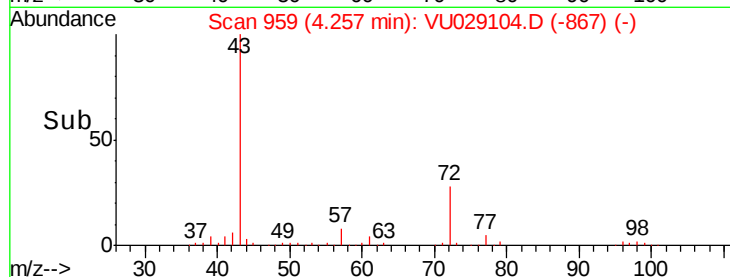
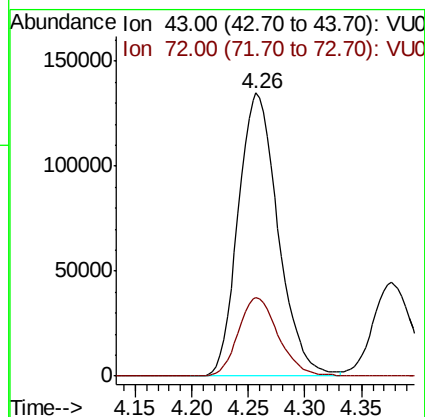
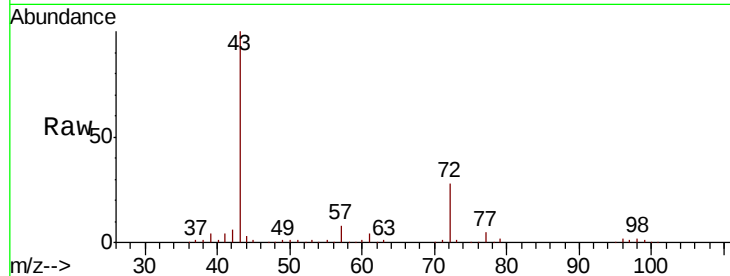
72 27.7 22.6 33.8

Manual Integrations

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1/11/2019 10:03:23 AM



#26

2,2-Dichloropropane

Concen: 50.691 ug/l

RT: 4.22 min Scan# 948

Delta R.T. -0.00 min

Lab File: VU029104.D

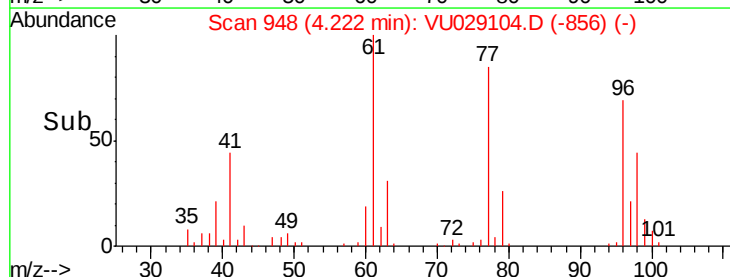
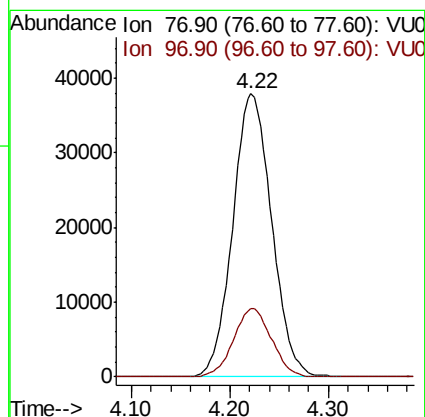
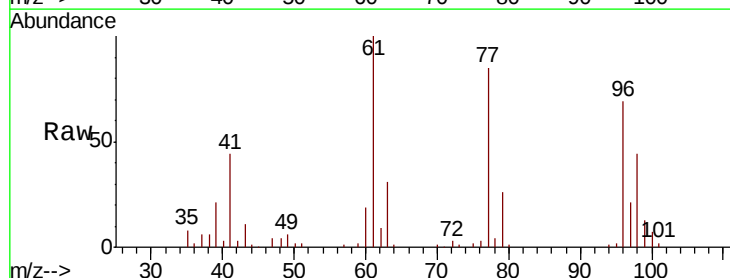
Acq: 10 Jan 2019 09:19

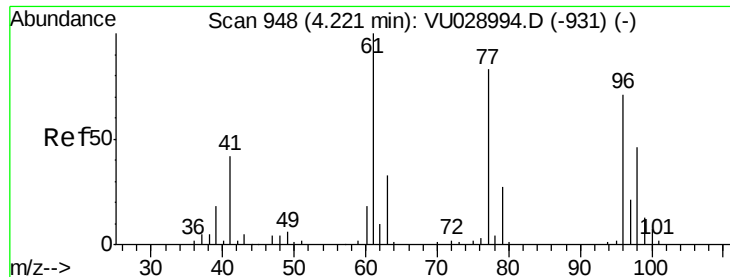
Tgt Ion: 77 Resp: 103789

Ion Ratio Lower Upper

77 100

97 23.4 12.0 36.1





#27

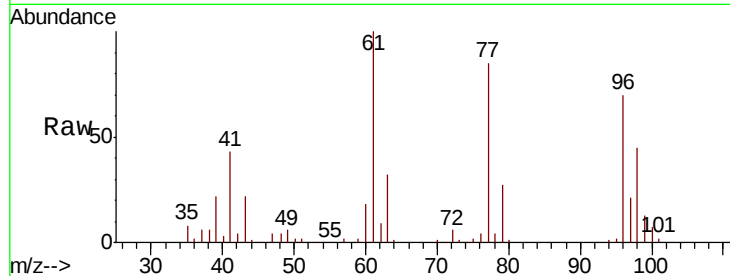
cis-1,2-Dichloroethene
Concen: 48.170 ug/l
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	285.6
98	65.2	0.0	130.2

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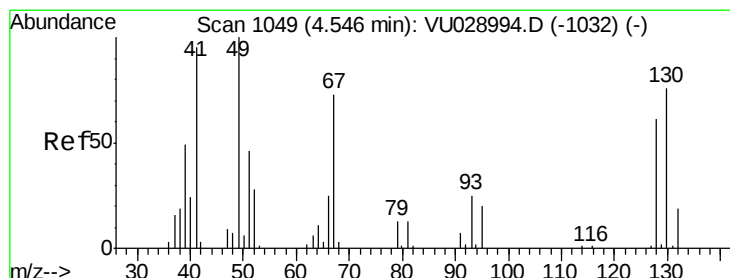
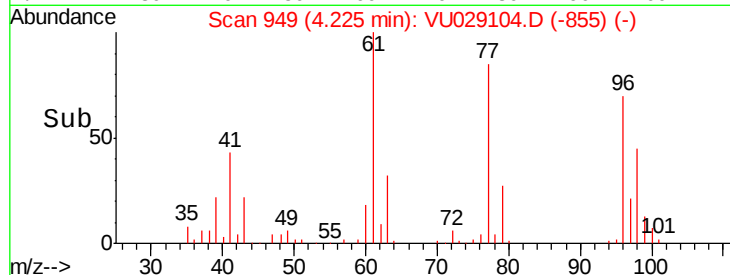
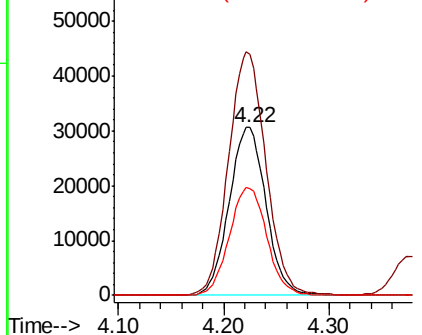


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

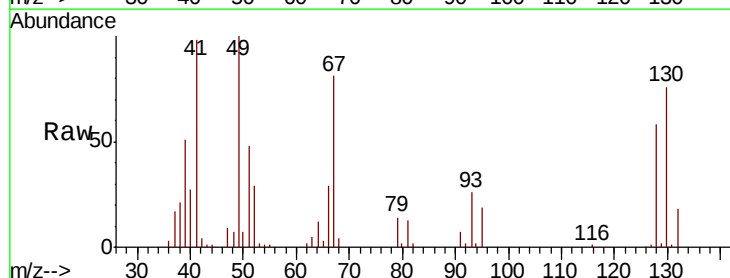
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane
Concen: 50.343 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	76.8	62.9	94.3

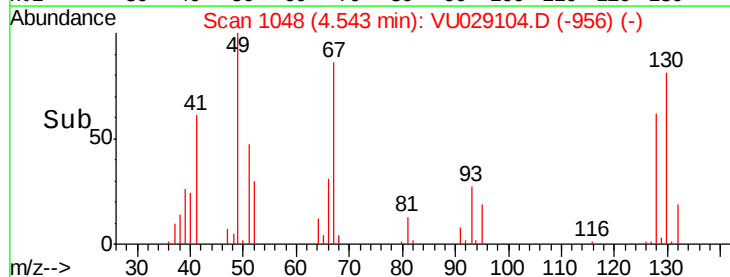
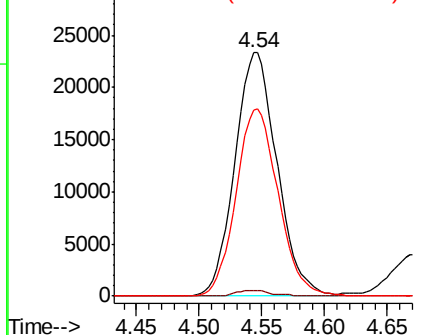


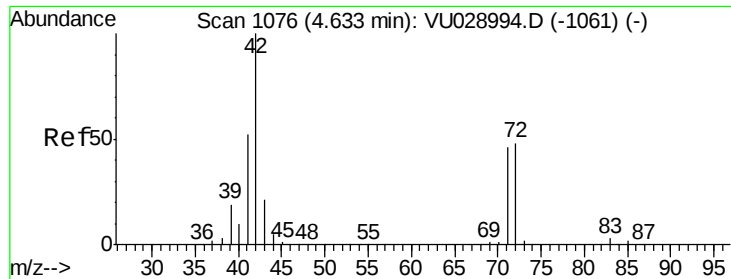
Abundance

Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





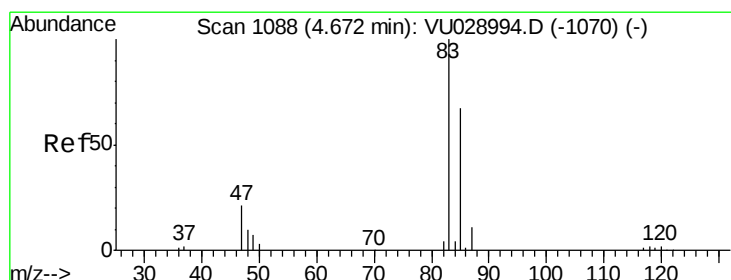
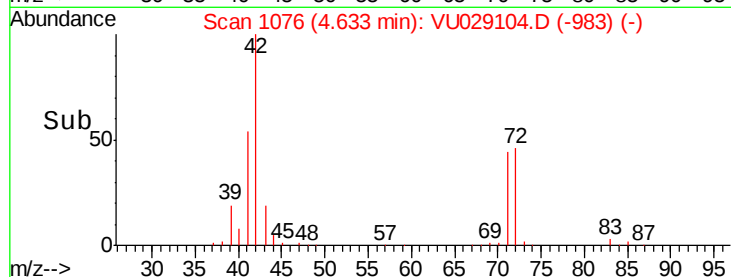
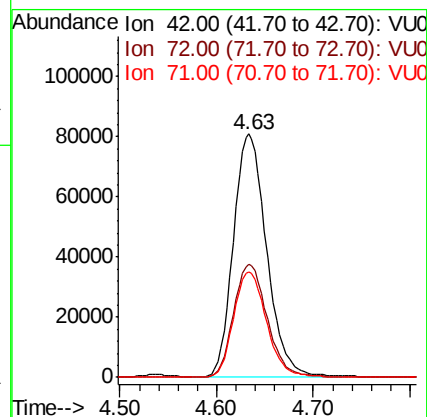
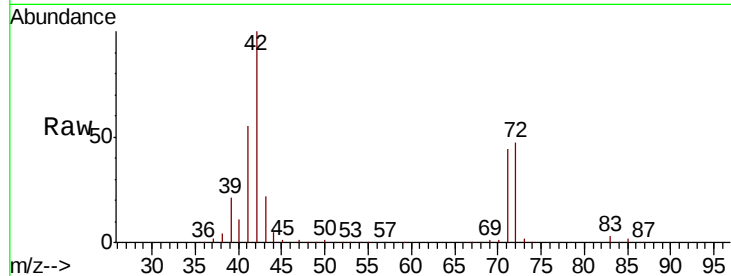
#29
Tetrahydrofuran
Concen: 258.170 ug/l
RT: 4.63 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.3	38.3	57.5
71	43.4	36.1	54.1

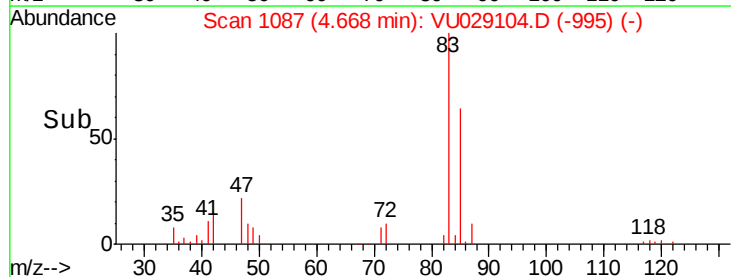
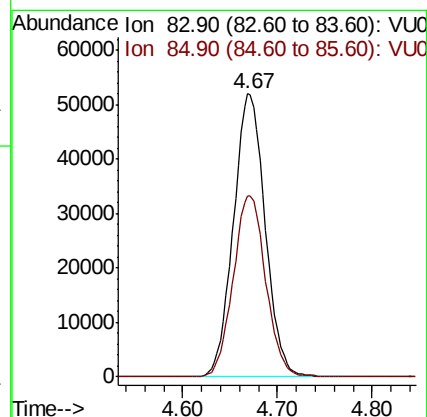
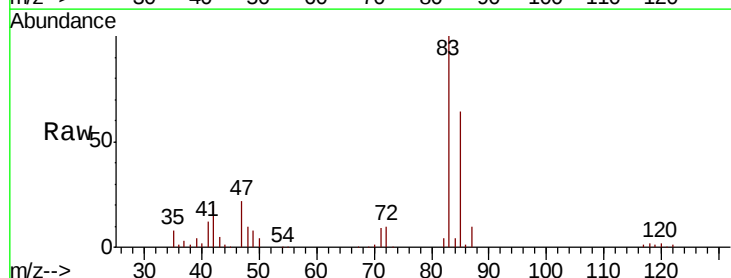
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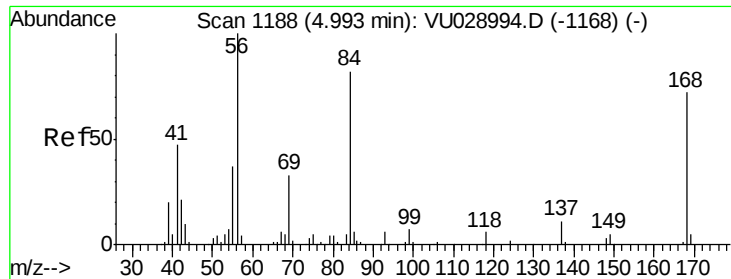
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1/11/2019 10:03:23 AM



#30
Chloroform
Concen: 50.241 ug/l
RT: 4.67 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.4	80.0





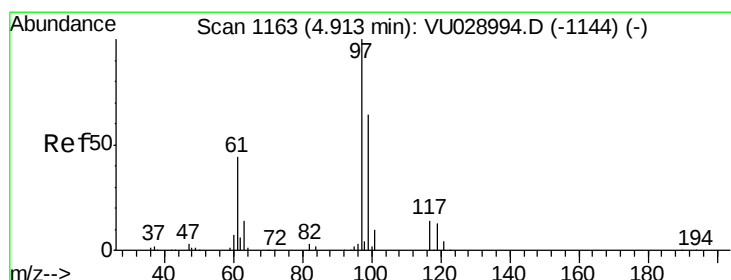
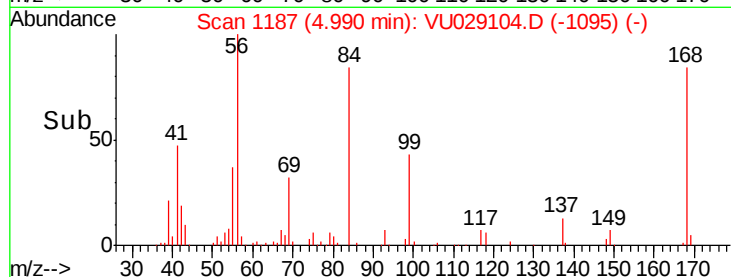
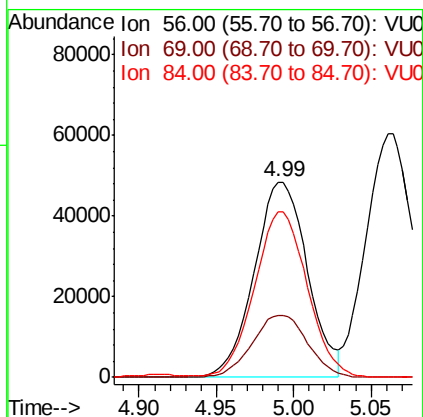
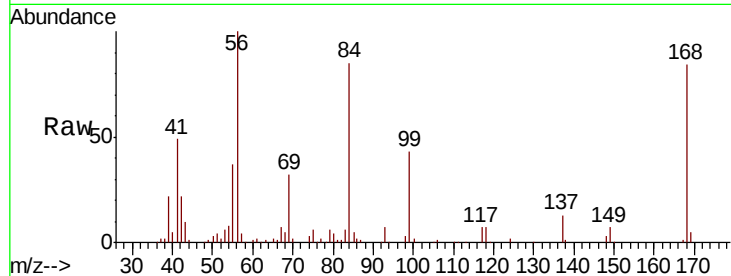
#31
Cyclohexane
Concen: 48.358 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.7	26.7	40.1
84	84.2	65.7	98.5

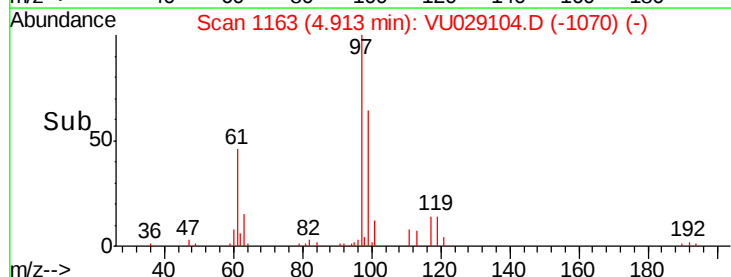
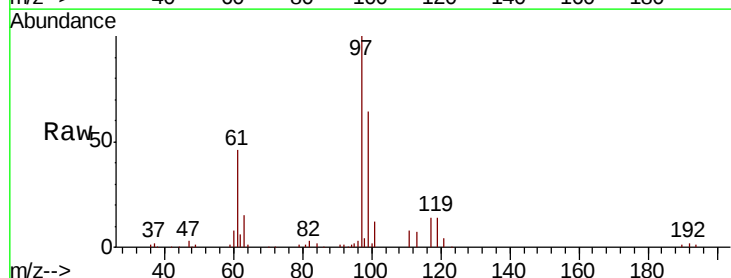
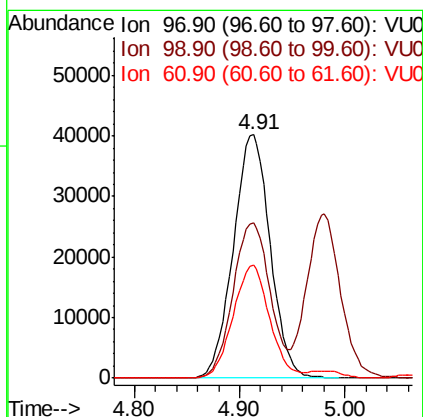
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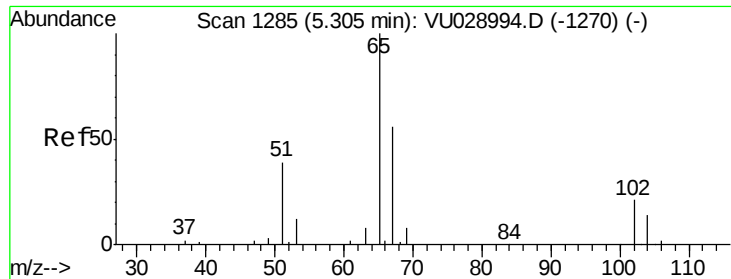
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1/11/2019 10:03:23 AM



#32
1,1,1-Trichloroethane
Concen: 48.831 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.4
61	46.1	34.4	51.6





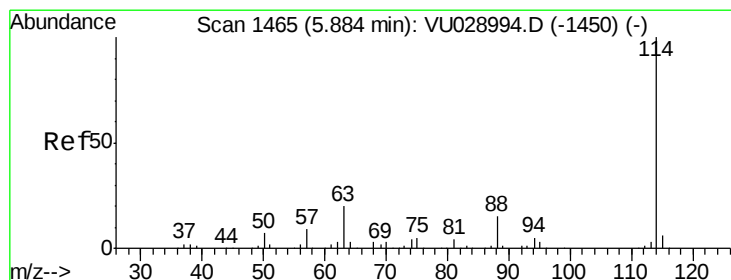
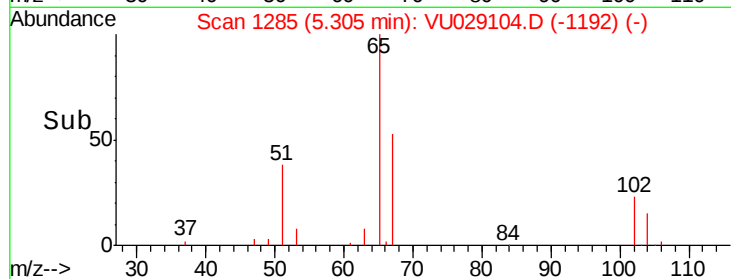
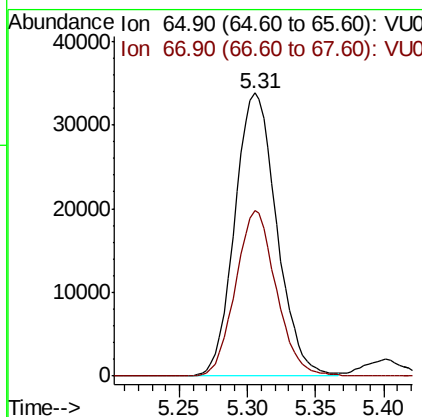
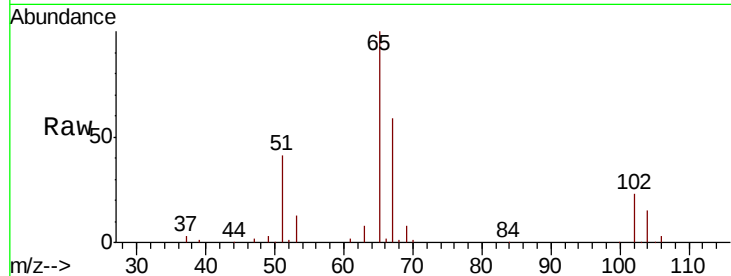
#33
 1,2-Dichloroethane-d4
 Concen: 50.027 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 72177
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 111.0

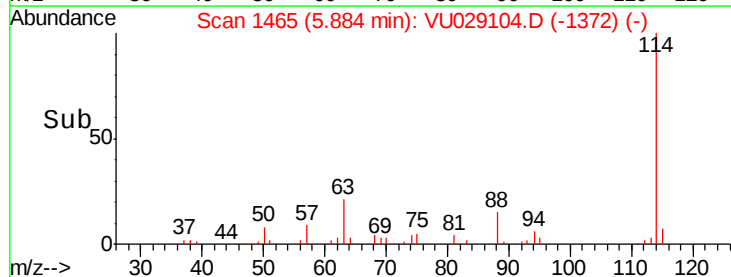
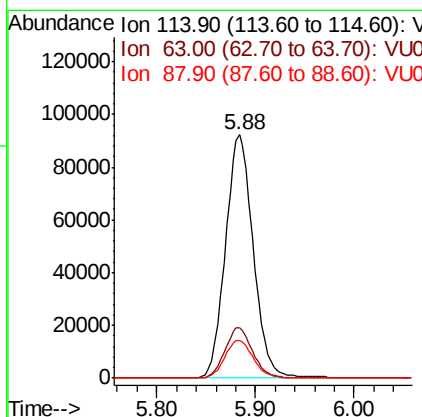
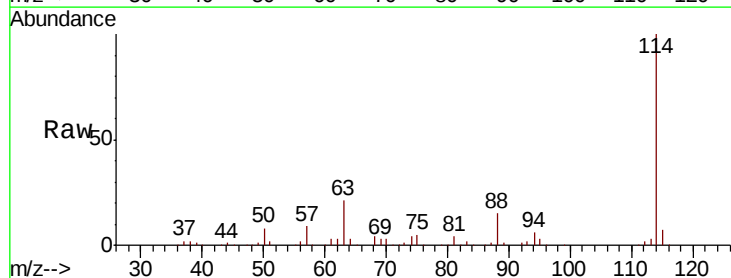
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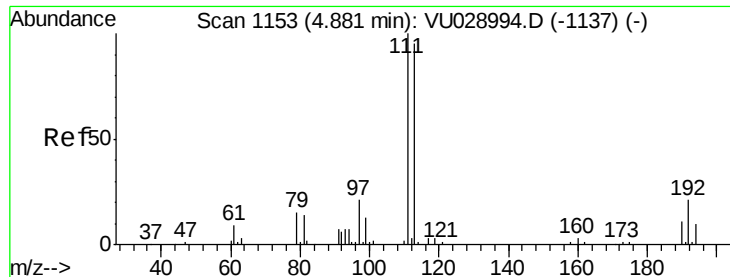
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 1/11/2019 10:03:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Tgt Ion: 114 Resp: 181880
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 15.3 0.0 30.4





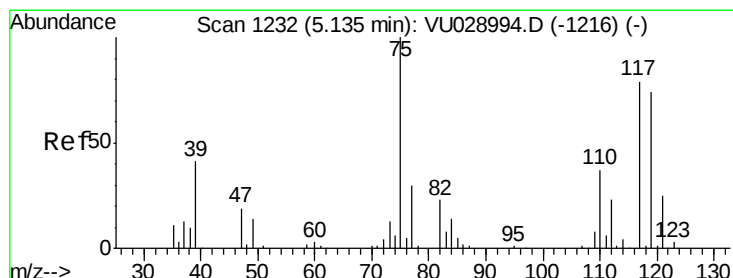
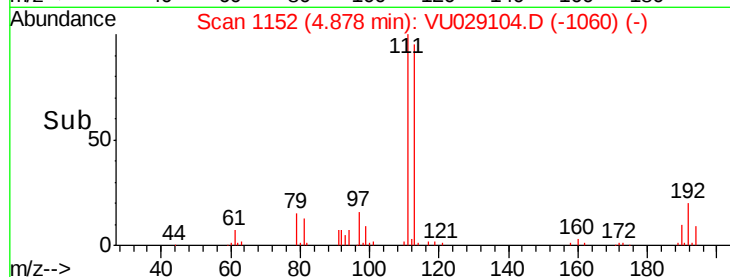
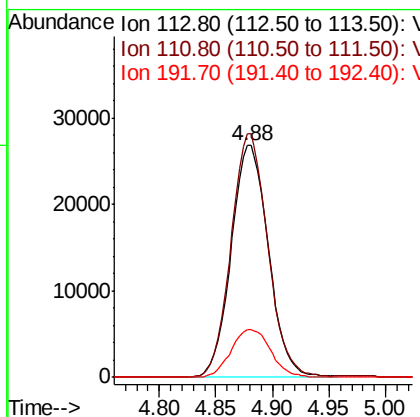
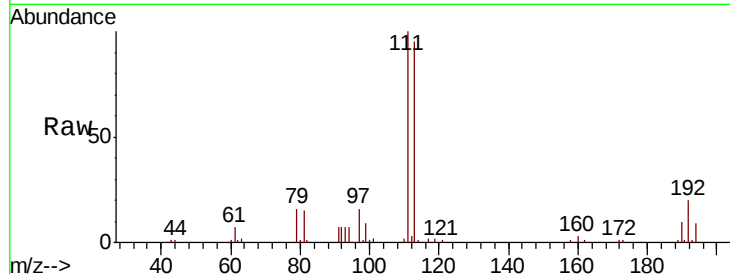
#35
 Dibromofluoromethane
 Concen: 52.300 ug/l
 RT: 4.88 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	61662		
111	103.4	81.4	122.2	
192	21.7	16.8	25.2	

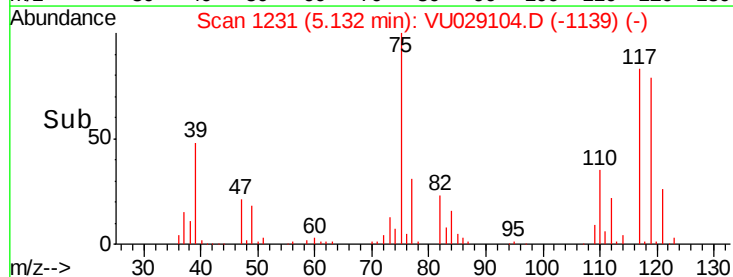
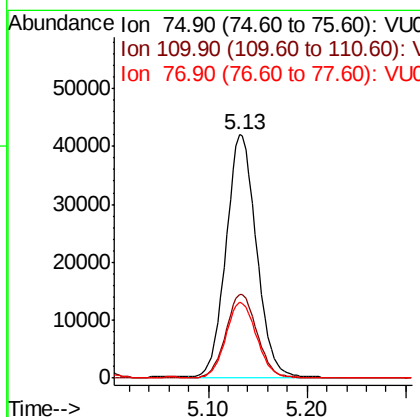
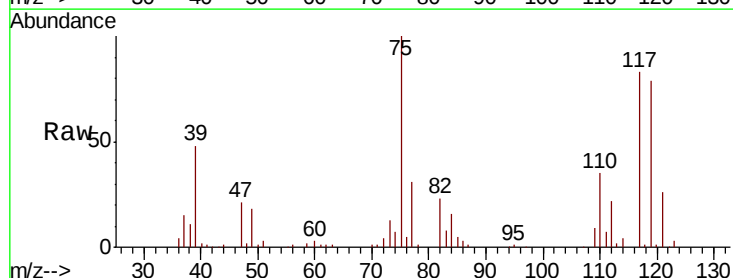
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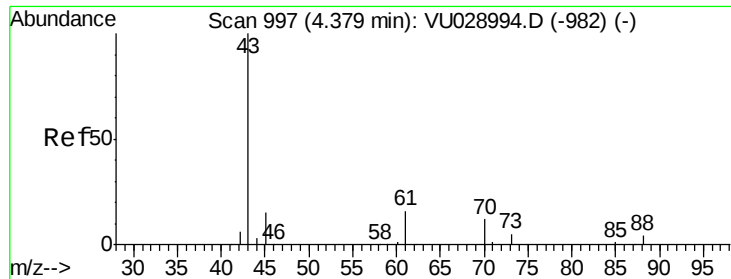
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 1/11/2019 10:03:23 AM



#36
 1,1-Dichloropropene
 Concen: 50.204 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	91270		
110	35.0	18.4	55.4	
77	31.4	25.1	37.7	





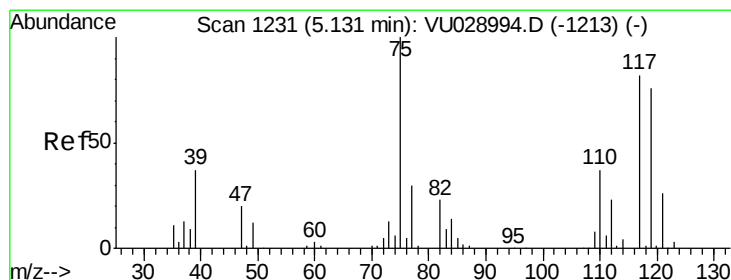
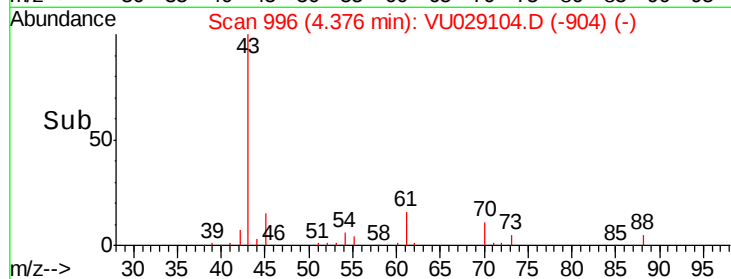
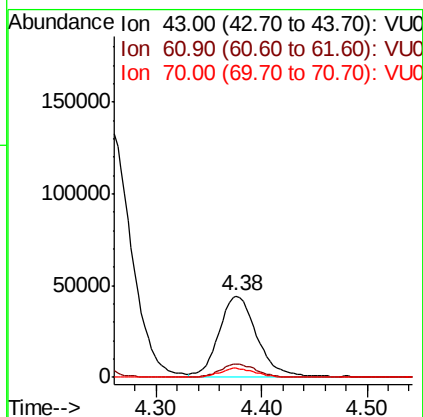
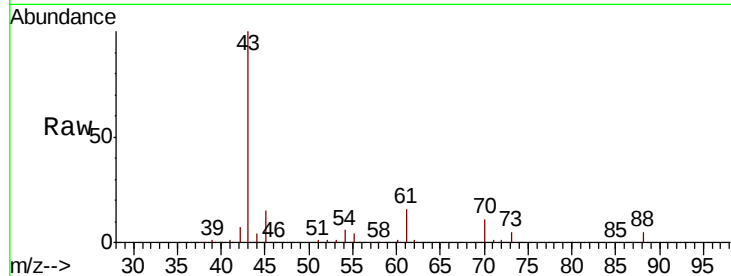
#37
Ethyl Acetate
Concen: 54.235 ug/l
RT: 4.38 min Scan# 996
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 108227
Ion Ratio Lower Upper
43 100
61 15.5 12.6 18.8
70 10.7 9.3 13.9

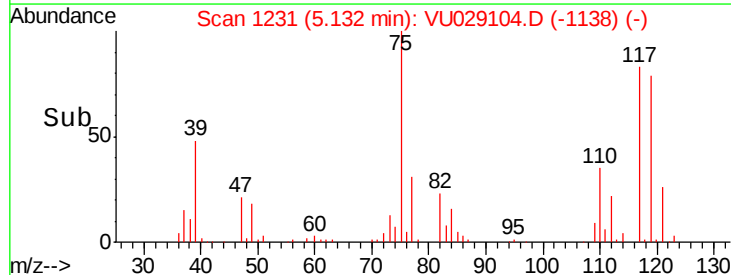
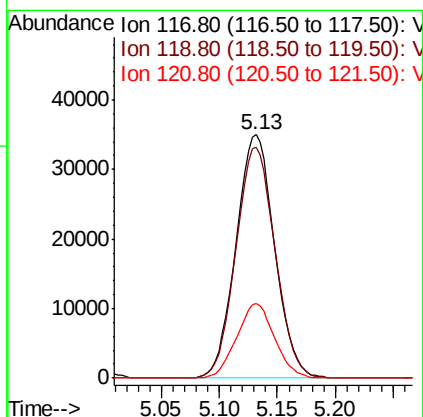
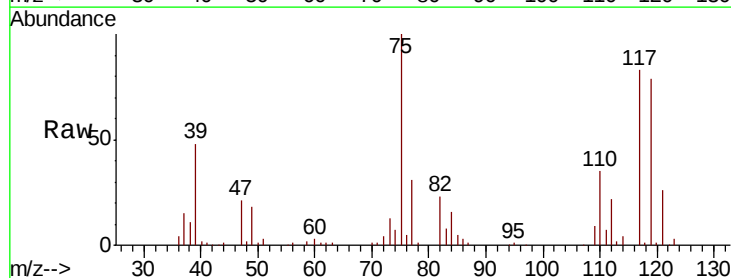
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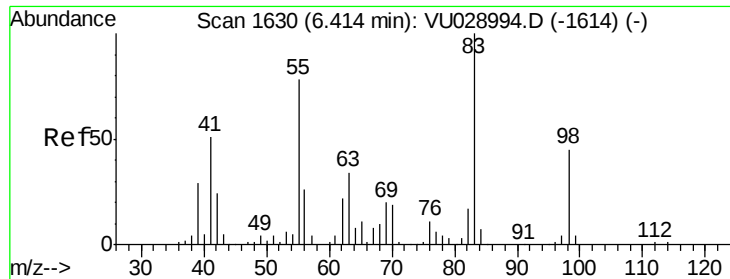
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1/11/2019 10:03:23 AM



#38
Carbon Tetrachloride
Concen: 53.392 ug/l
RT: 5.13 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion: 117 Resp: 80957
Ion Ratio Lower Upper
117 100
119 95.1 74.6 111.8
121 30.7 25.0 37.6





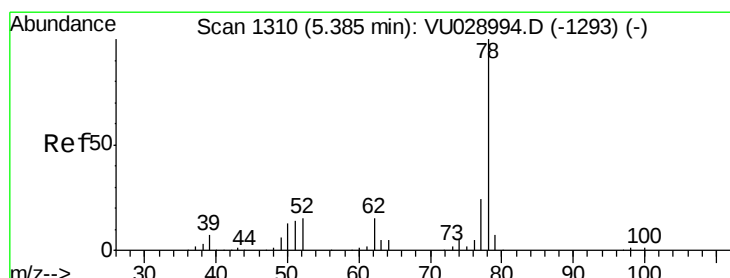
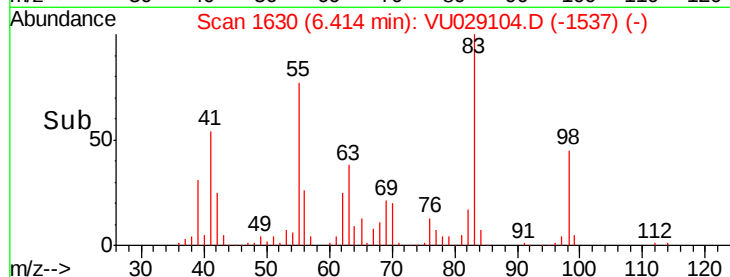
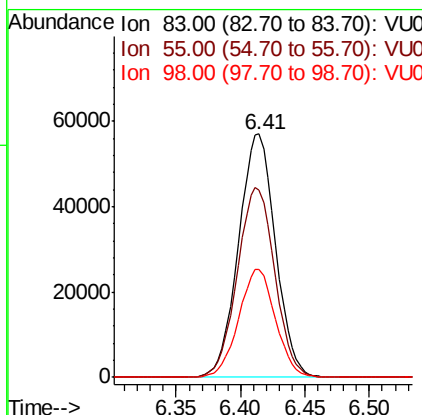
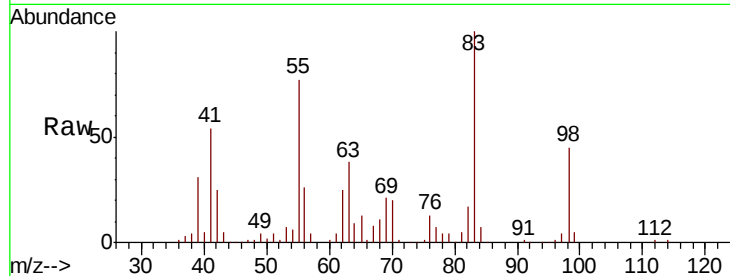
#39
Methylcyclohexane
Concen: 50.855 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.0	62.4	93.6
98	44.6	36.2	54.2

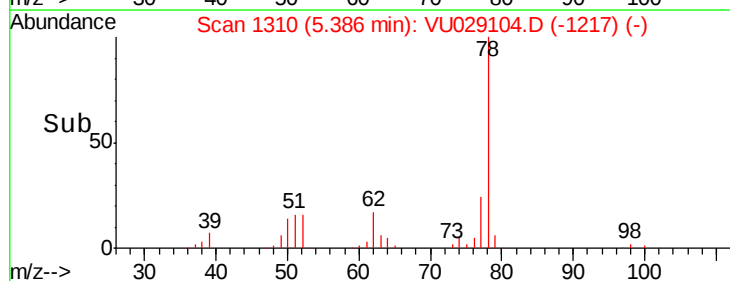
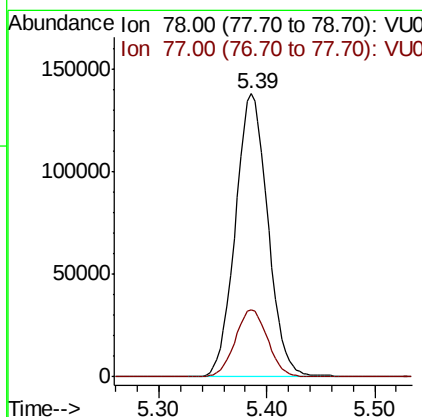
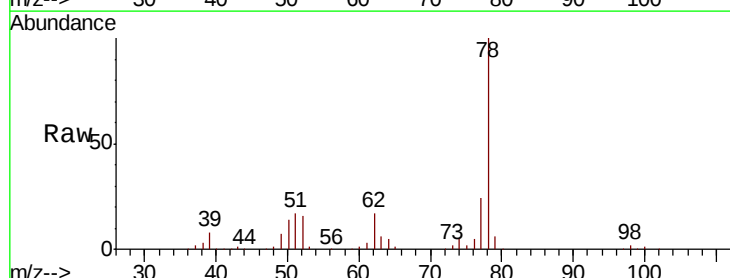
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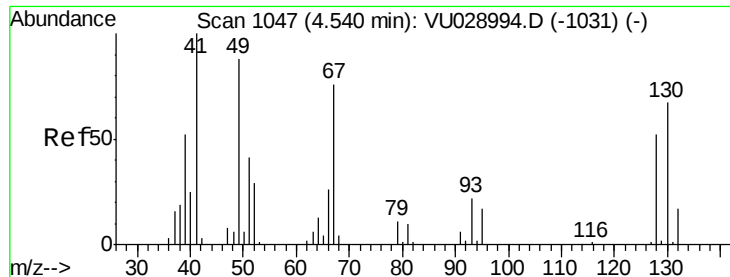
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1/11/2019 10:03:23 AM



#40
Benzene
Concen: 51.085 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.9	28.3





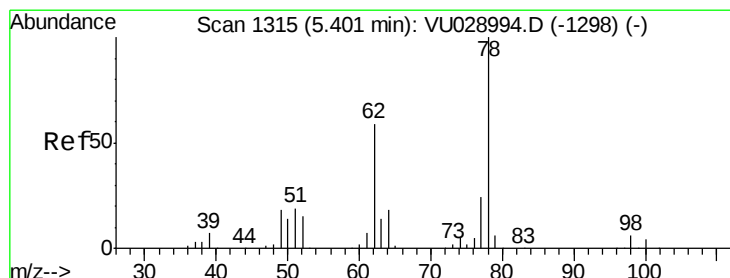
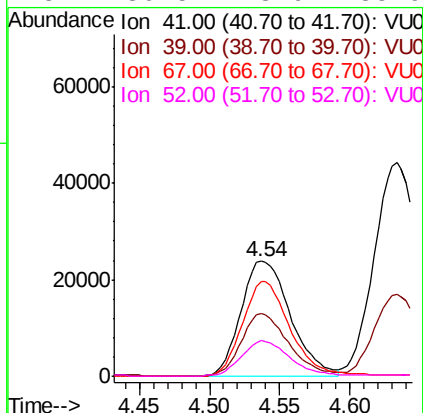
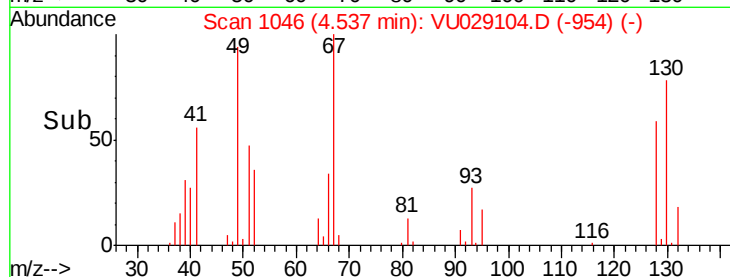
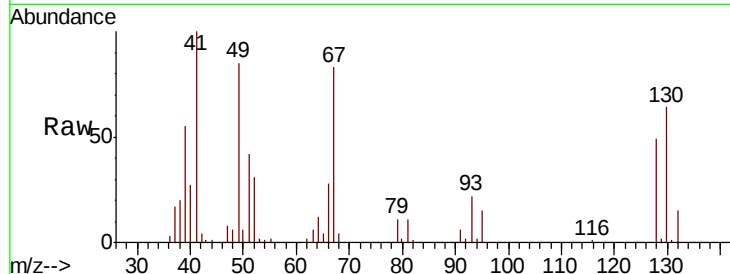
#41
Methacrylonitrile
Concen: 54.905 ug/l
RT: 4.54 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.4	42.3	63.5	
67	80.0	64.4	96.6	
52	30.5	23.9	35.9	

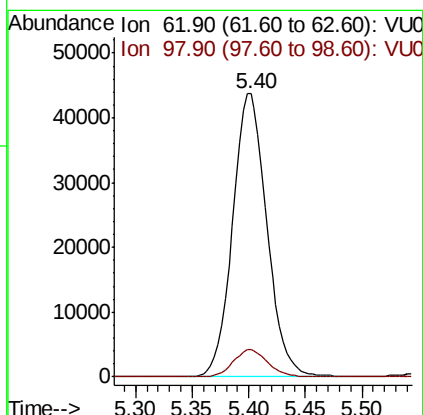
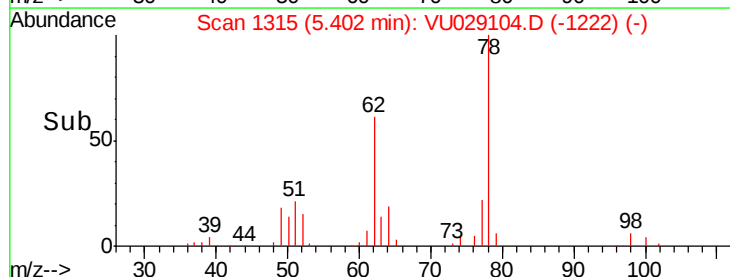
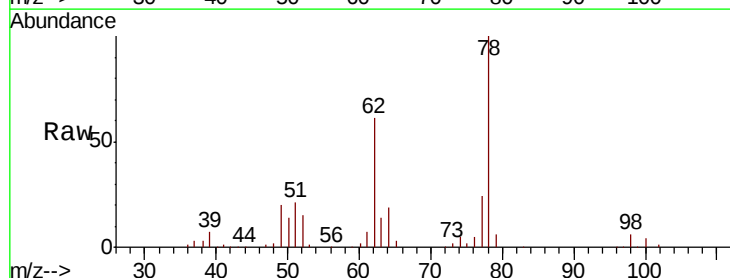
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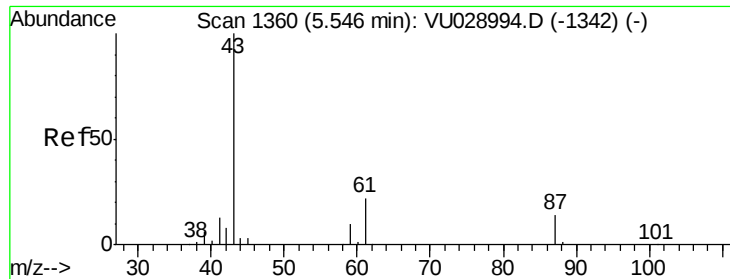
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#42
1,2-Dichloroethane
Concen: 54.066 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	19.6	





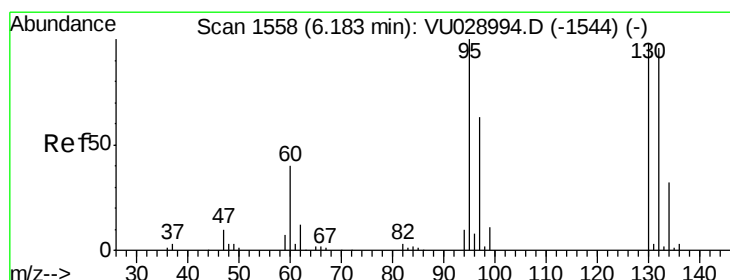
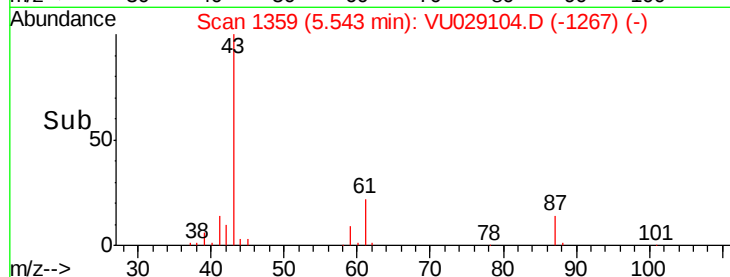
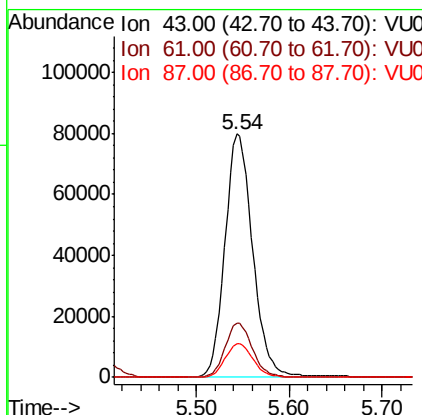
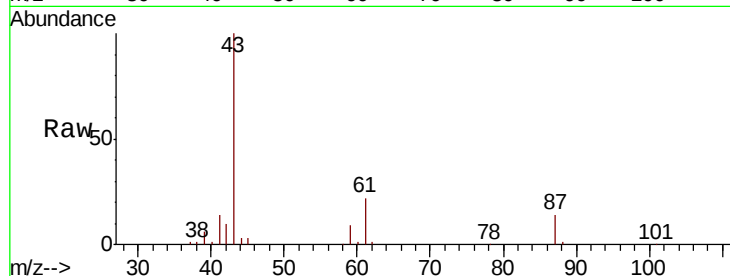
#43
Isopropyl Acetate
Concen: 53.893 ug/l
RT: 5.54 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.8	26.6
87	13.9	11.3	16.9

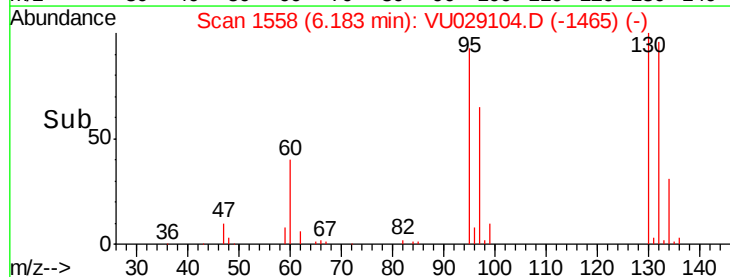
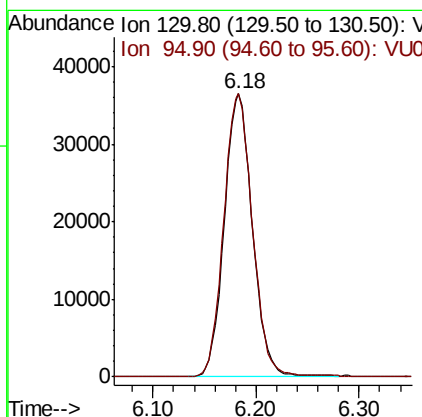
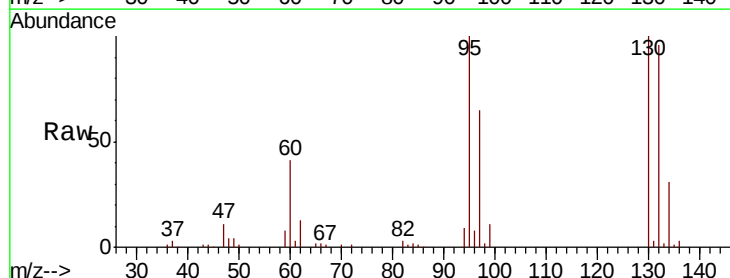
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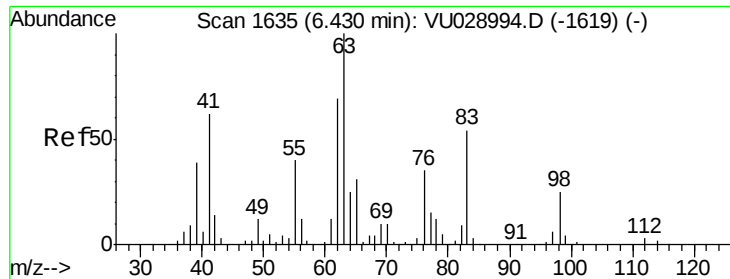
MMDadoda
1/11/2019 10:03:23 AM



#44
Trichloroethene
Concen: 49.491 ug/l
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	205.0





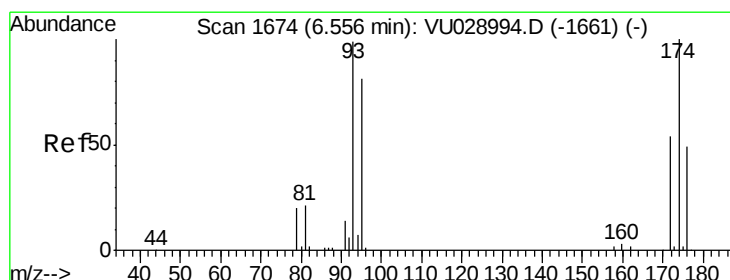
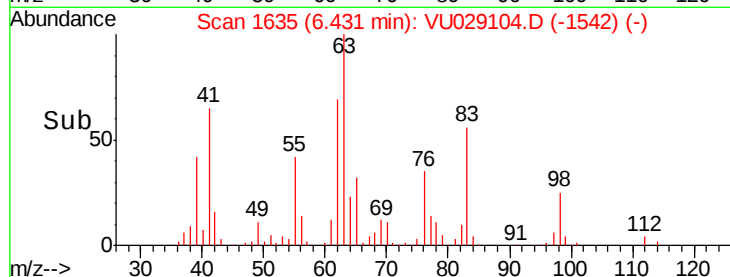
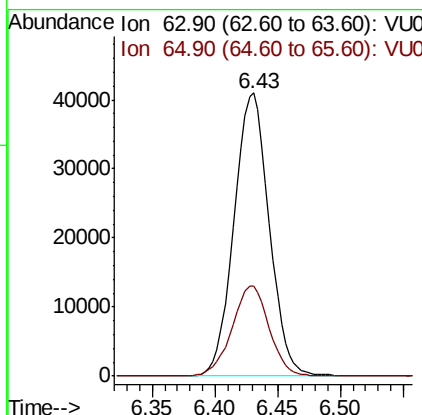
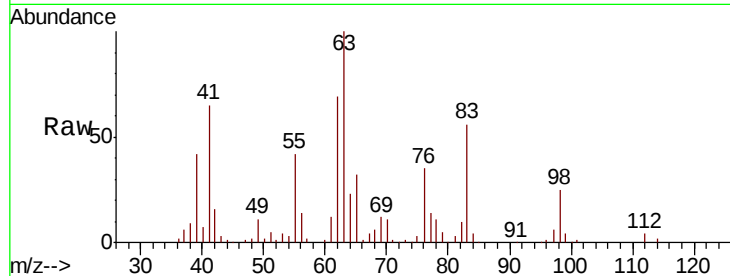
#45
 1,2-Dichloropropane
 Concen: 53.376 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 79932
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.1 37.7

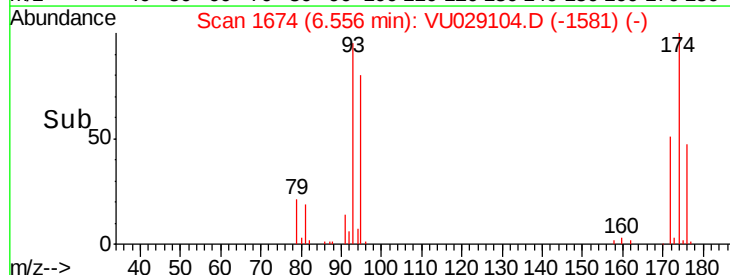
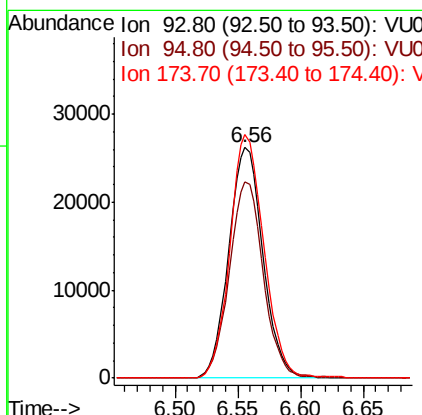
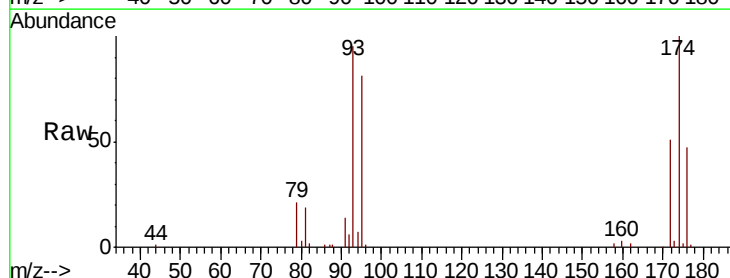
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#46
 Dibromomethane
 Concen: 52.013 ug/l
 RT: 6.56 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Tgt Ion: 93 Resp: 49793
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.2 100.8
 174 104.7 82.6 123.8





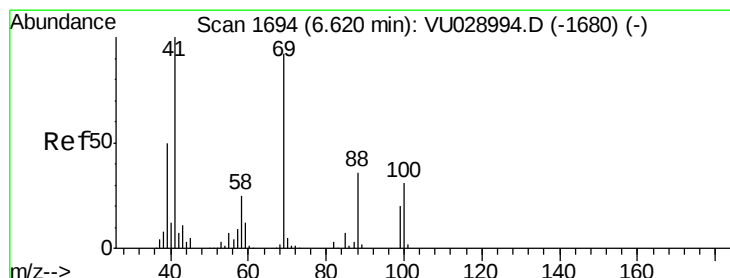
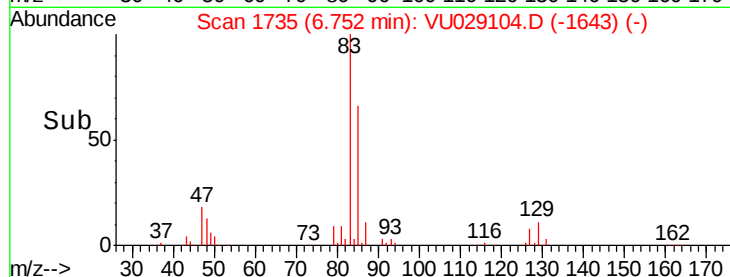
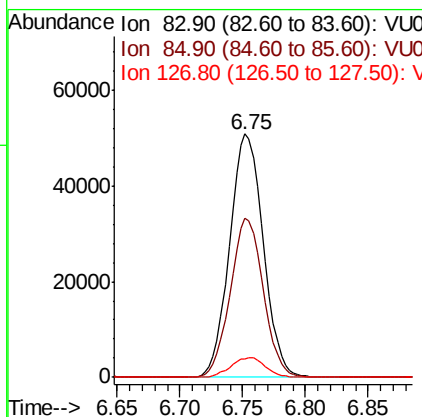
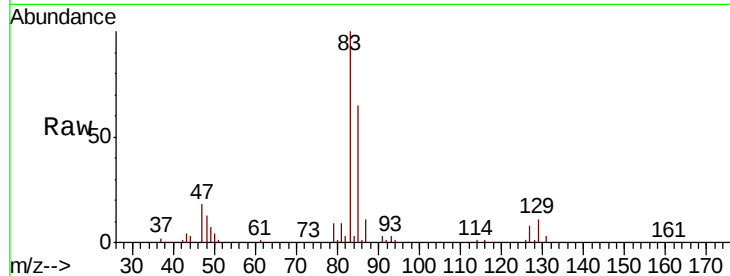
#47
Bromodichloromethane
Concen: 53.875 ug/l
RT: 6.75 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.4	77.2
127	7.8	7.0	10.4

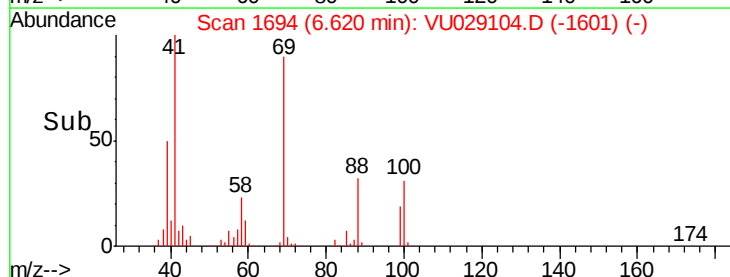
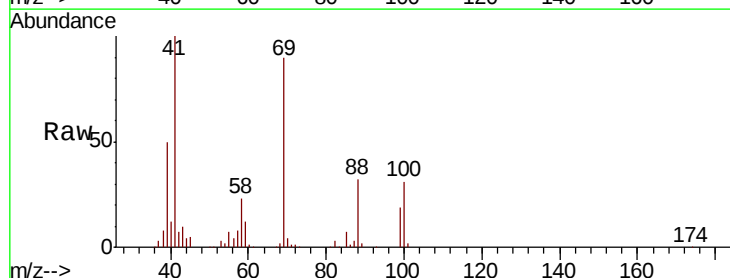
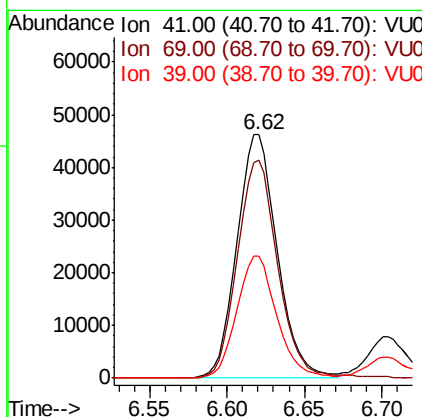
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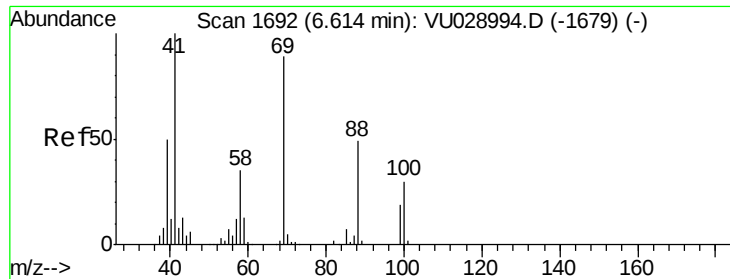
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1/11/2019 10:03:23 AM



#48
Methyl methacrylate
Concen: 56.249 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.2	73.6	110.4
39	49.5	39.6	59.4





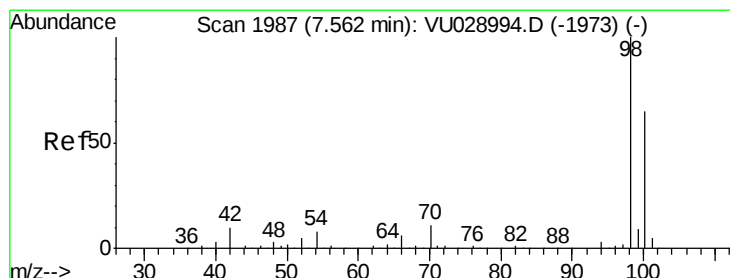
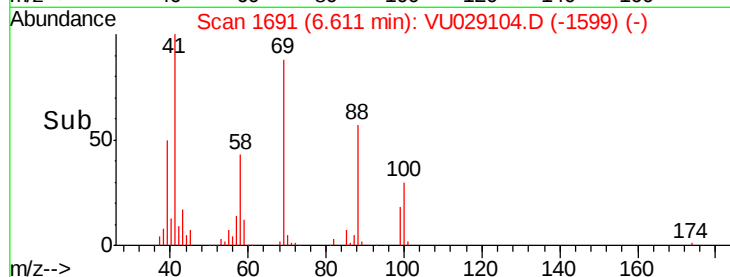
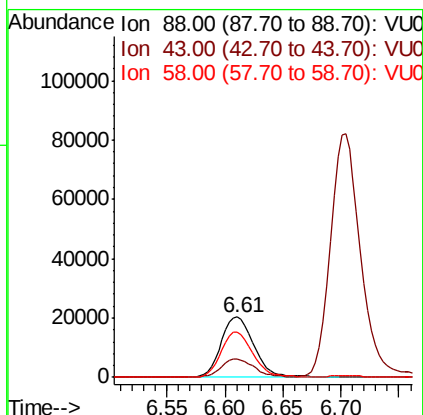
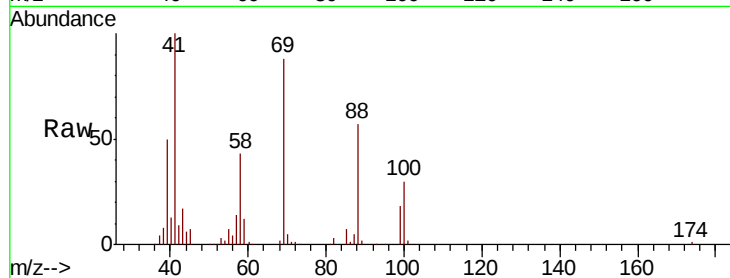
#49
1,4-Dioxane
Concen: 1142.416 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.0	34.4
58	72.6	57.9	86.9

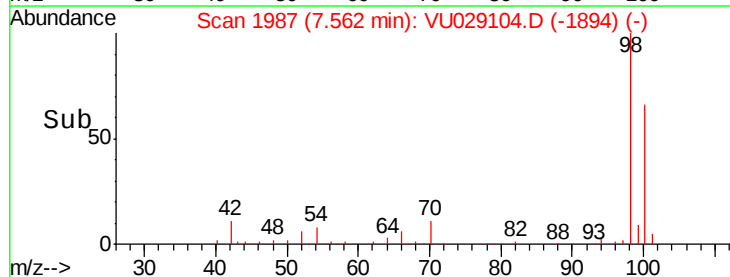
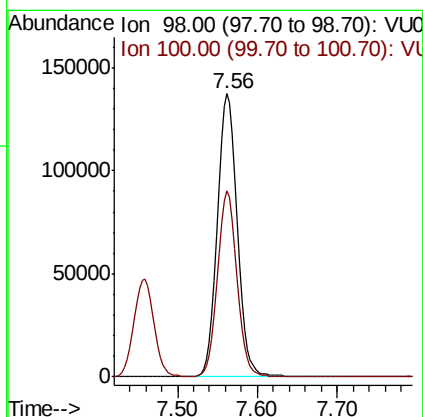
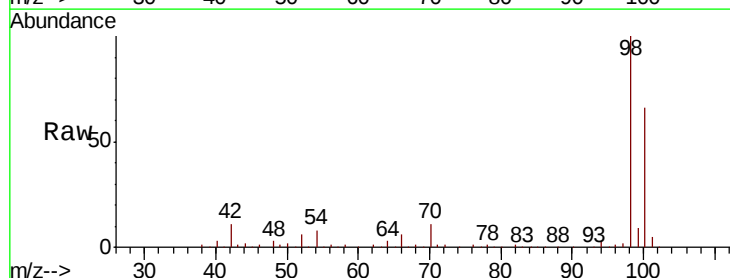
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#50
Toluene-d8
Concen: 51.425 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.6	77.4





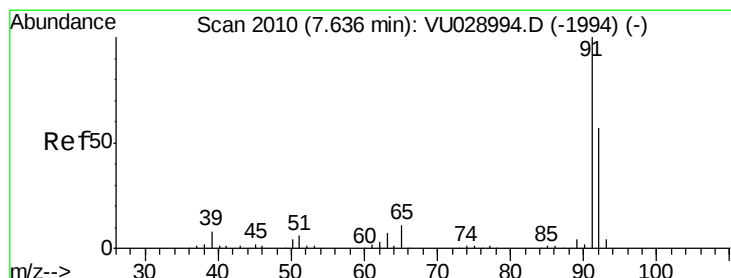
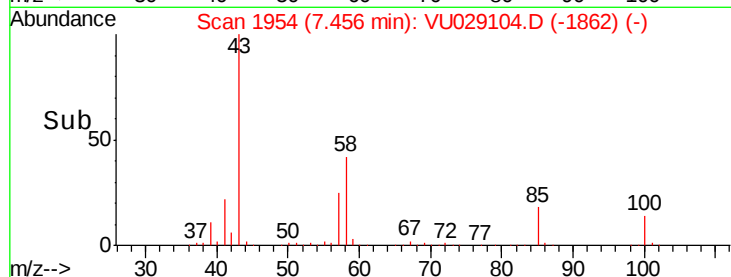
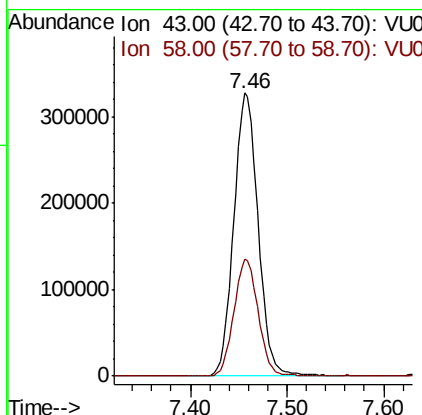
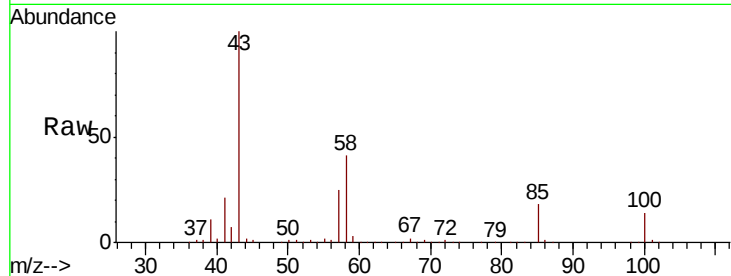
#51
4-Methyl-2-Pentanone
Concen: 274.732 ug/l
RT: 7.46 min Scan# 1954
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 572340
Ion Ratio Lower Upper
43 100
58 41.4 33.9 50.9

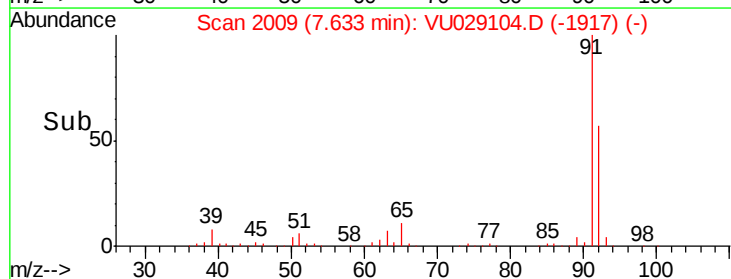
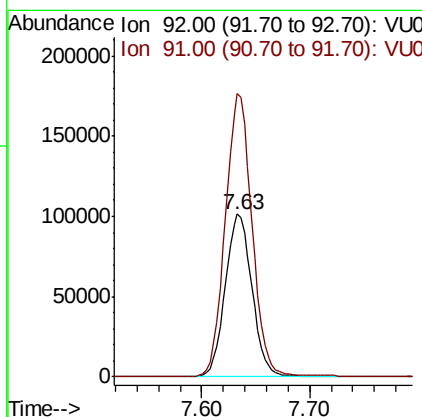
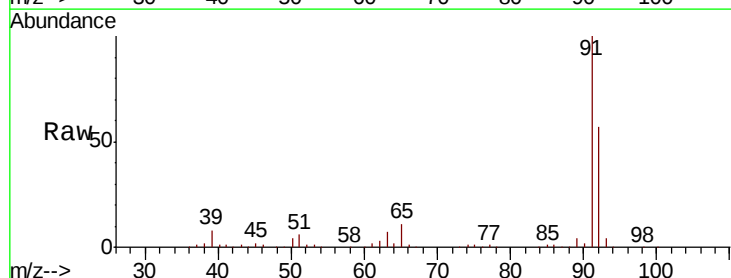
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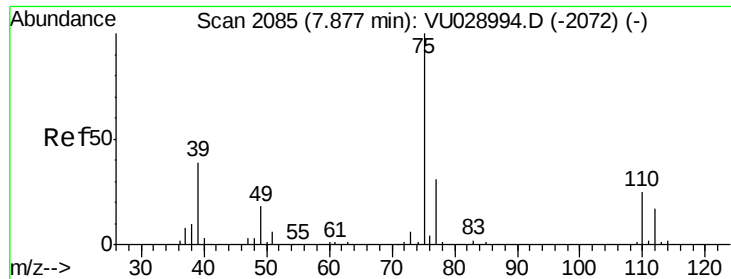
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1/11/2019 10:03:23 AM



#52
Toluene
Concen: 50.931 ug/l
RT: 7.63 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion: 92 Resp: 175825
Ion Ratio Lower Upper
92 100
91 173.6 139.8 209.8





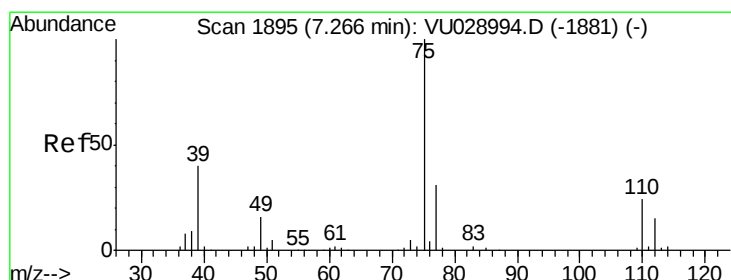
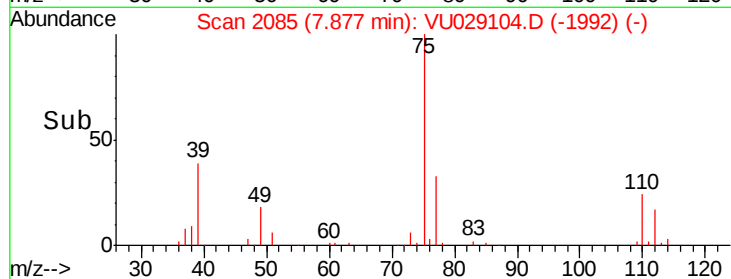
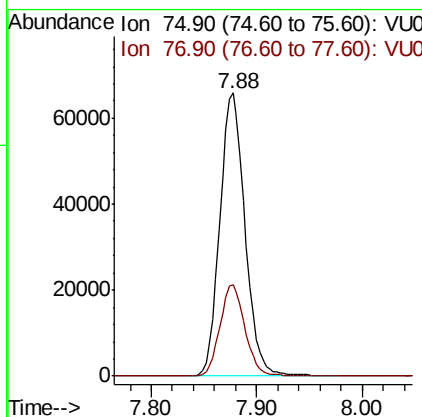
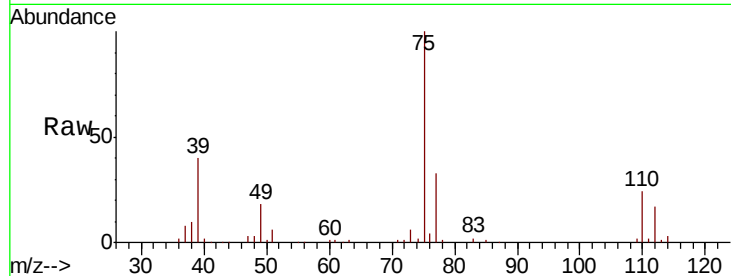
#53
t-1,3-Dichloropropene
Concen: 51.343 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 108709
Ion Ratio Lower Upper
75 100
77 32.5 25.0 37.4

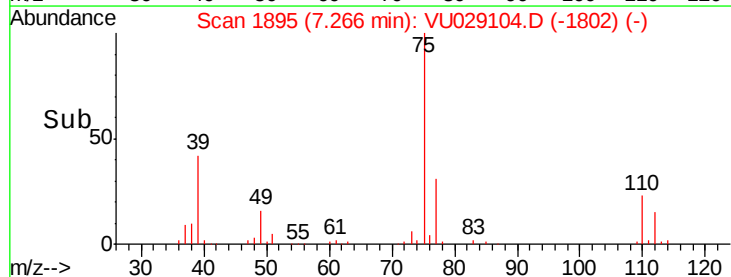
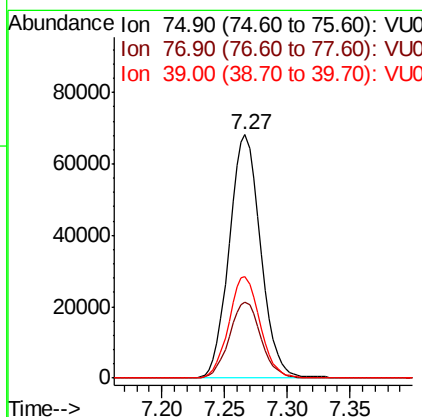
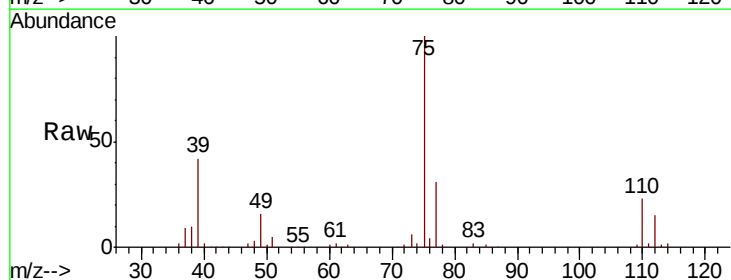
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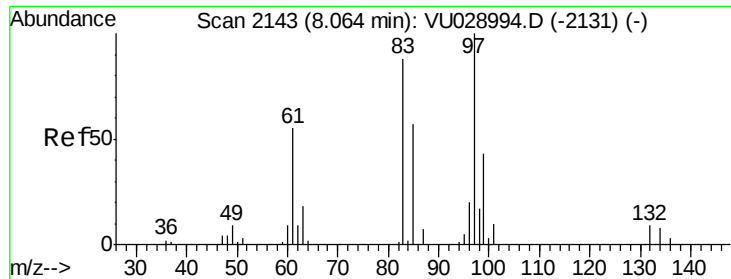
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1/11/2019 10:03:23 AM



#54
cis-1,3-Dichloropropene
Concen: 51.878 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion: 75 Resp: 118692
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 41.8 32.2 48.4





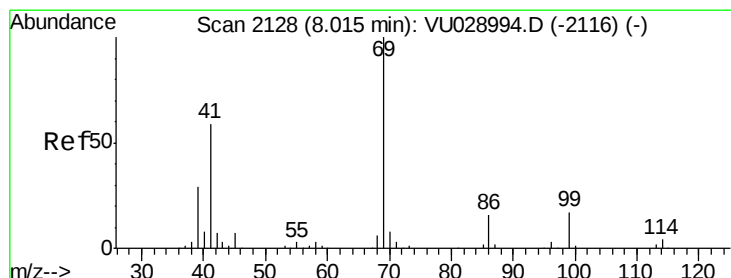
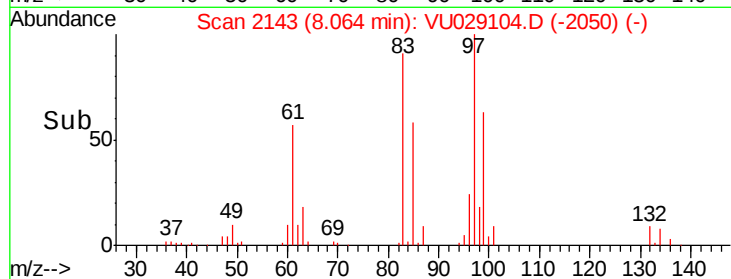
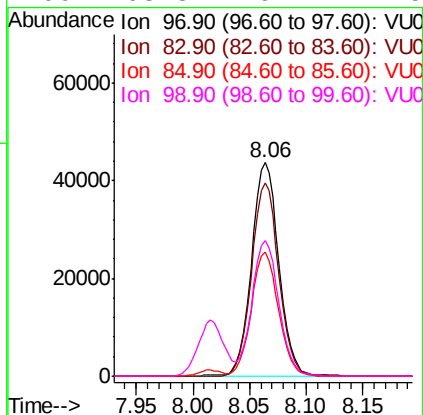
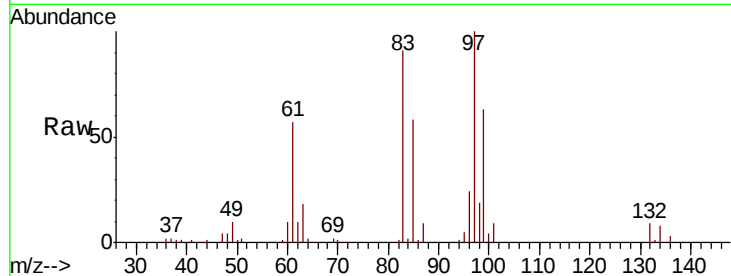
#55
 1,1,2-Trichloroethane
 Concen: 52.981 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	73273
Ion	Ratio	Lower	Upper
97	100		
83	90.8	69.8	104.8
85	57.9	47.3	70.9
99	63.3	49.7	74.5

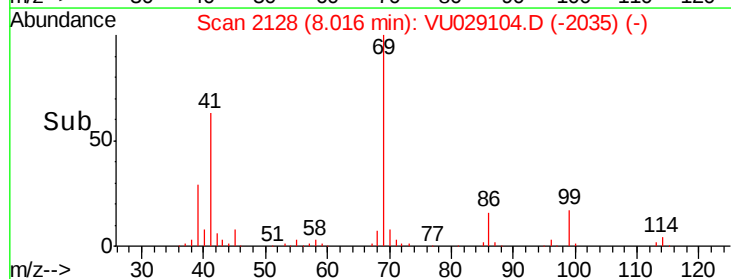
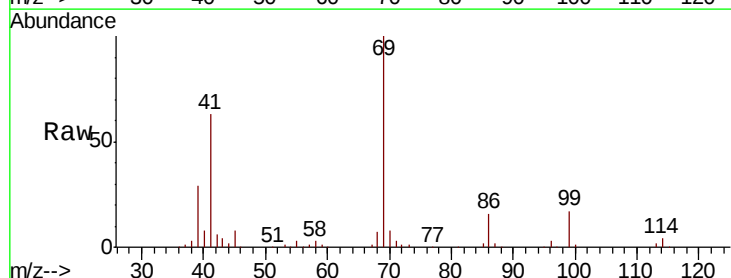
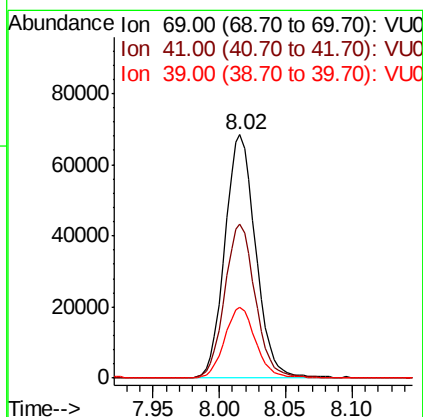
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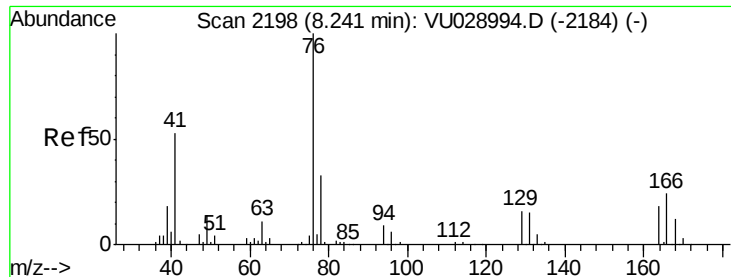
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 1/11/2019 10:03:23 AM



#56
 Ethyl methacrylate
 Concen: 51.772 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Tgt Ion:	69	Resp:	110309
Ion	Ratio	Lower	Upper
69	100		
41	63.1	47.5	71.3
39	29.5	22.5	33.7





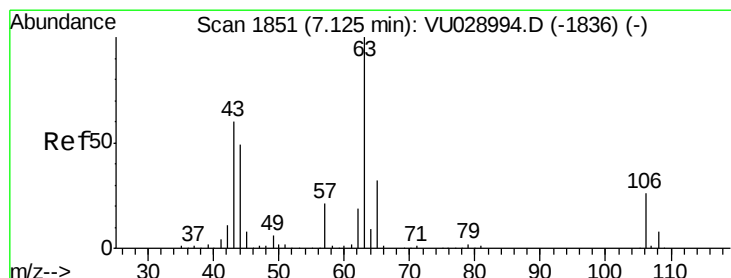
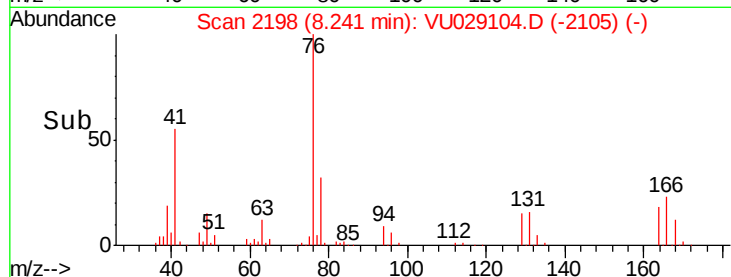
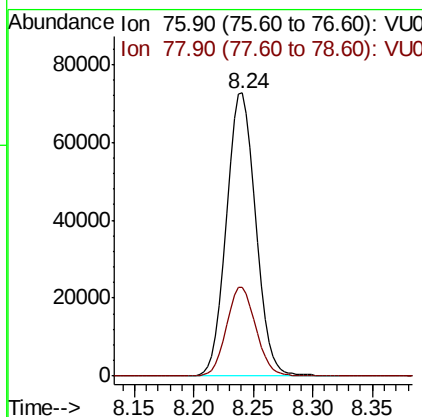
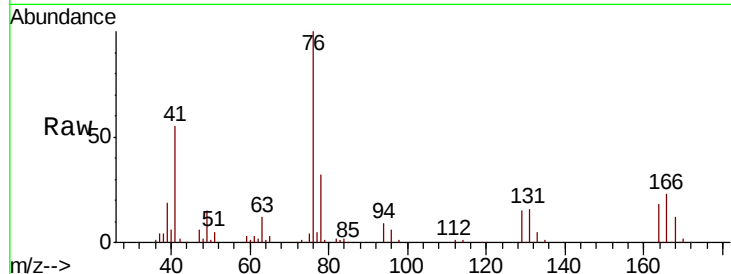
#57
 1,3-Dichloropropane
 Concen: 52.548 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 124353
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.0 39.0

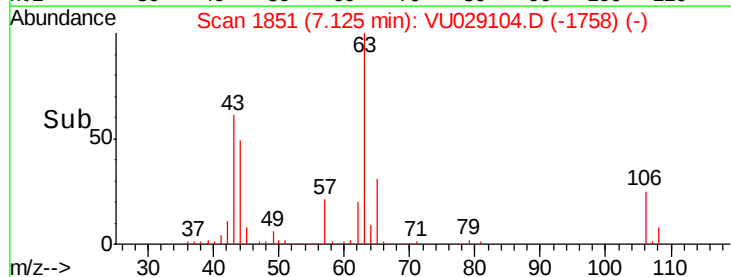
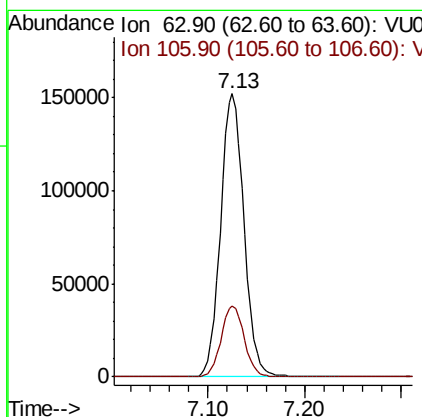
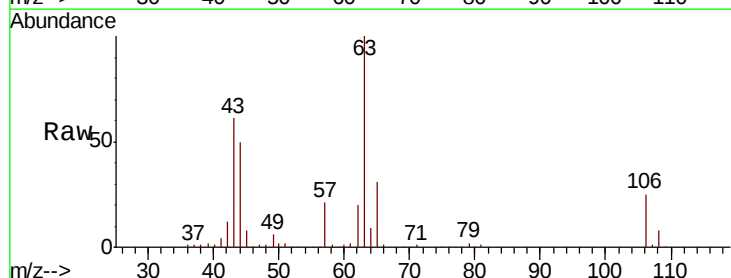
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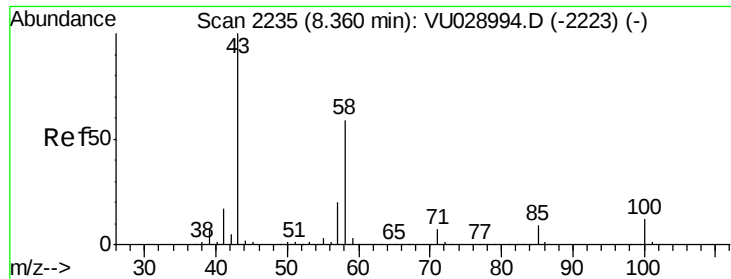
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 1/11/2019 10:03:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.453 ug/l
 RT: 7.13 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Tgt Ion: 63 Resp: 255296
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.6 31.0





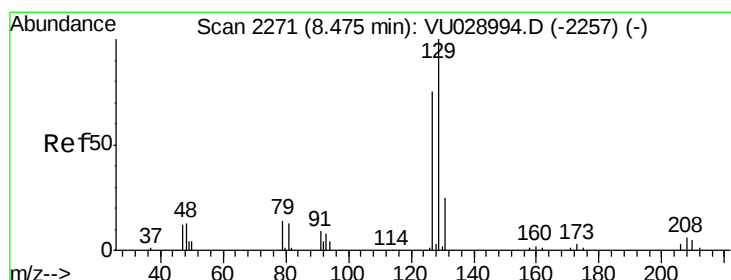
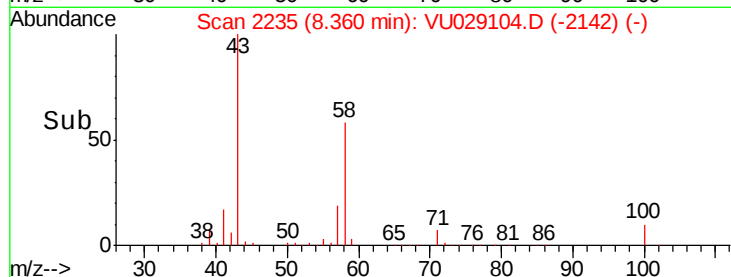
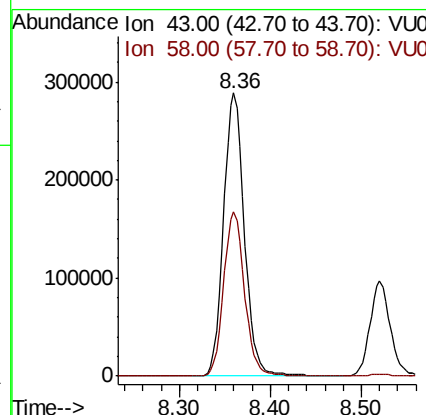
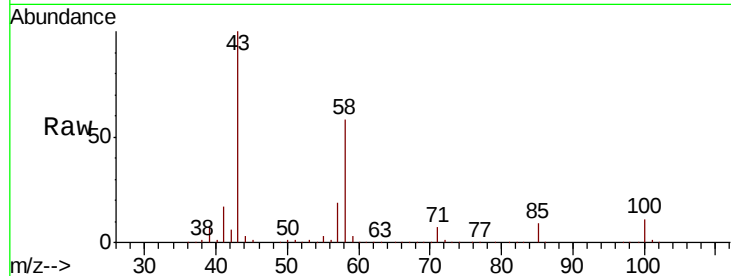
#59
2-Hexanone
Concen: 280.858 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 459284
Ion Ratio Lower Upper
43 100
58 58.2 29.8 89.4

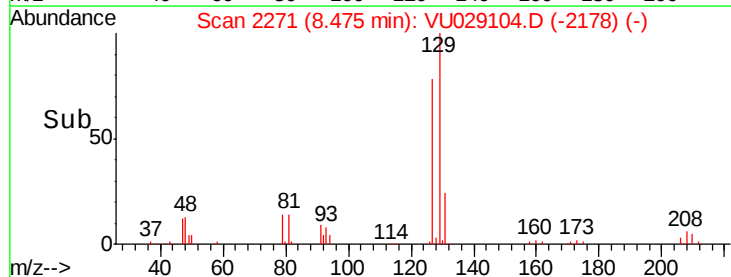
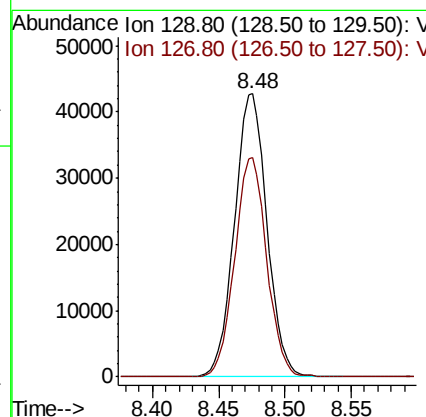
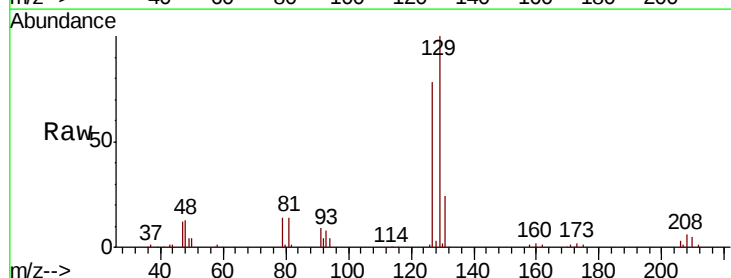
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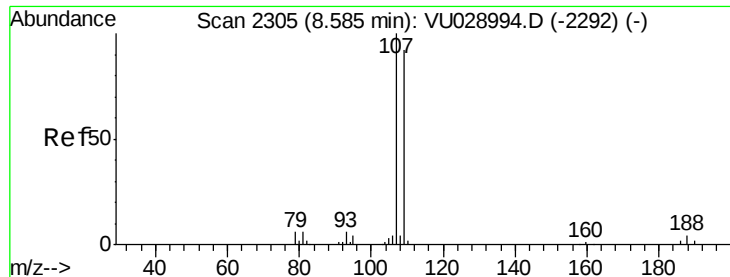
MMDadoda
1/11/2019 10:03:23 AM



#60
Dibromochloromethane
Concen: 53.054 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion: 129 Resp: 72692
Ion Ratio Lower Upper
129 100
127 76.5 38.0 114.0





#61

1,2-Dibromoethane

Concen: 51.836 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 77751

Ion Ratio Lower Upper

107 100

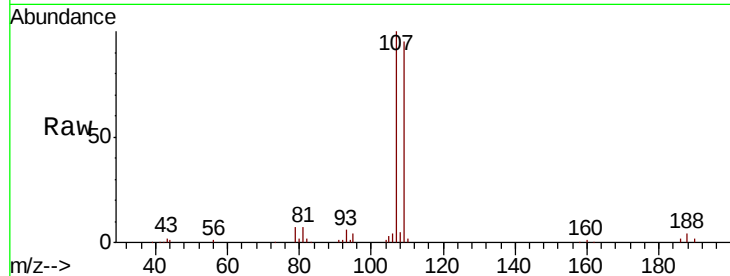
109 95.0 75.5 113.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.58

50000

40000

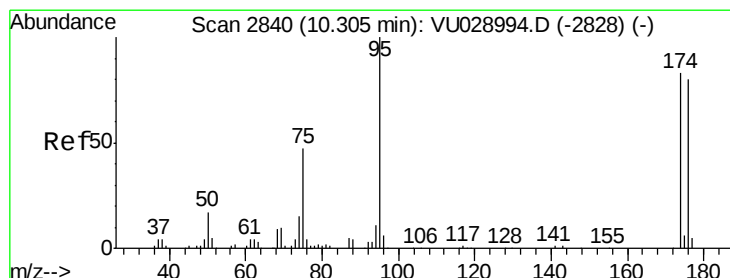
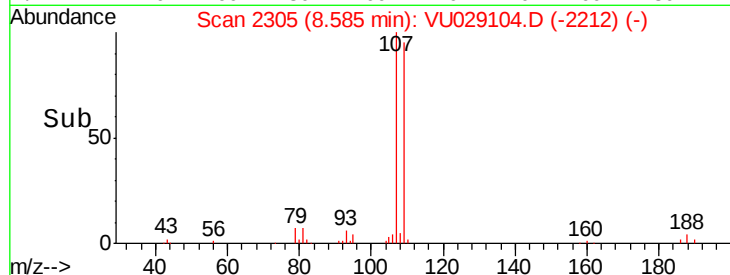
30000

20000

10000

0

Time--> 8.50 8.55 8.60 8.65



#62

4-Bromofluorobenzene

Concen: 50.439 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

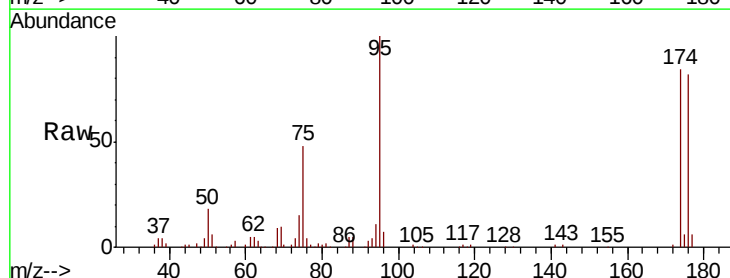
Tgt Ion: 95 Resp: 84373

Ion Ratio Lower Upper

95 100

174 84.9 0.0 170.6

176 82.7 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.30

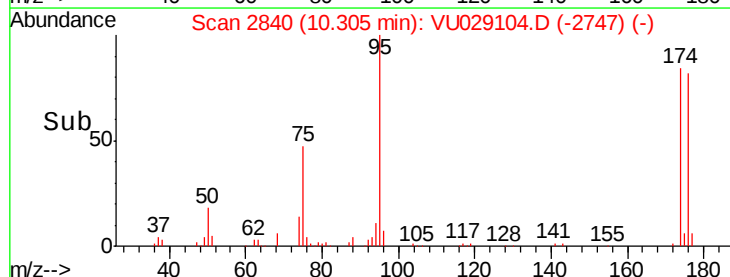
60000

40000

20000

0

Time--> 10.30 10.40





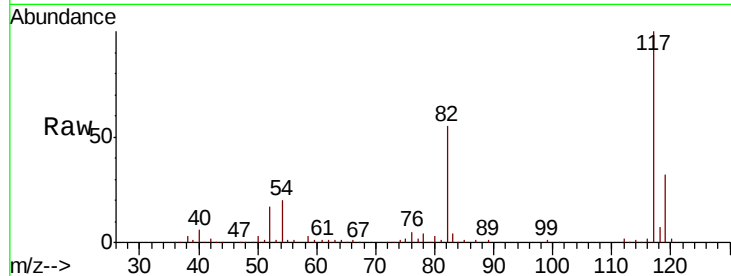
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	173878		
82	55.1	43.9	65.9	
119	32.1	26.0	39.0	

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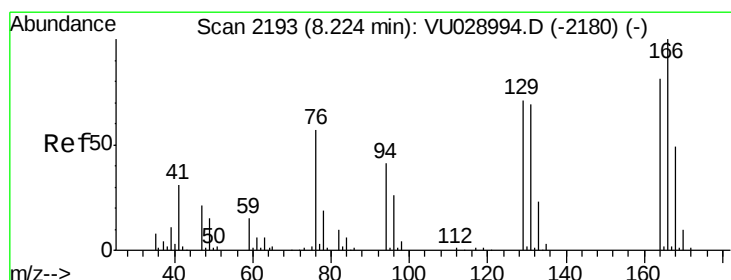
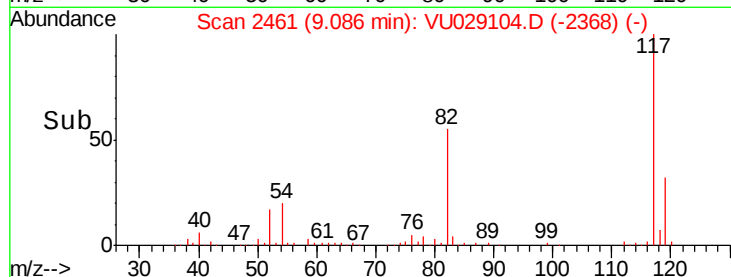
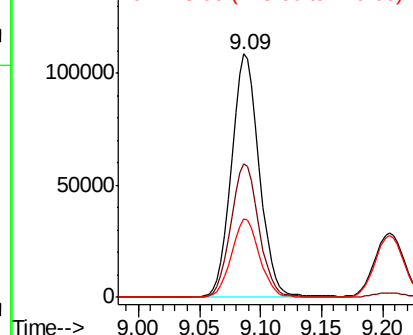


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 50.038 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62674		
166	128.3	99.4	149.0	
129	90.9	70.5	105.7	
131	88.6	69.0	103.6	

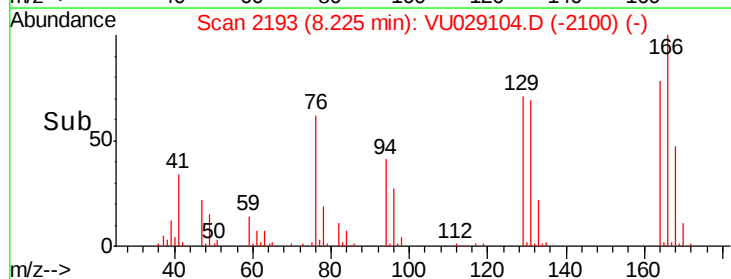
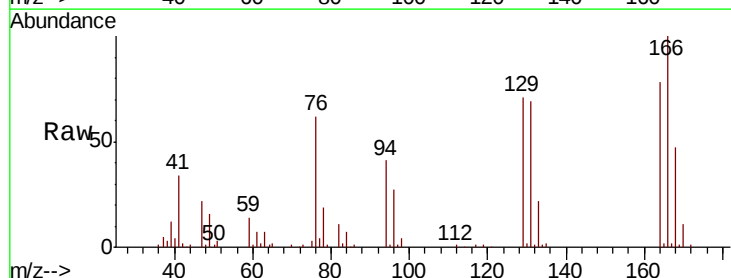
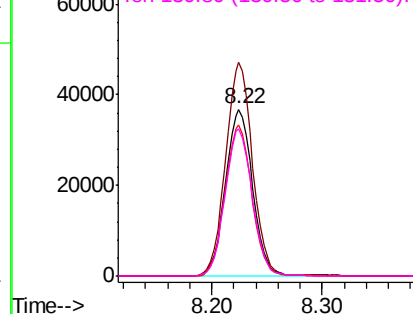
Abundance

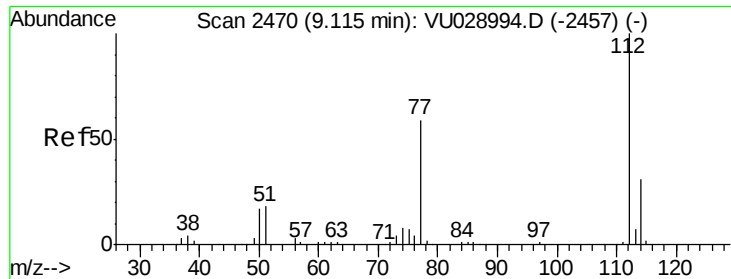
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.196 ug/l

RT: 9.12 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 191742

Ion Ratio Lower Upper

112 100

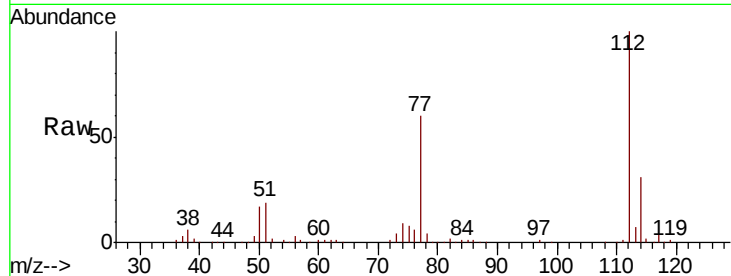
114 31.5 25.0 37.6

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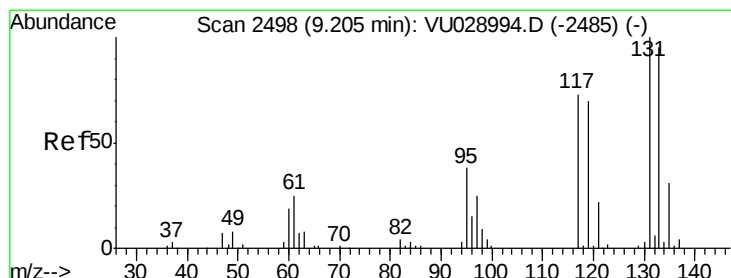
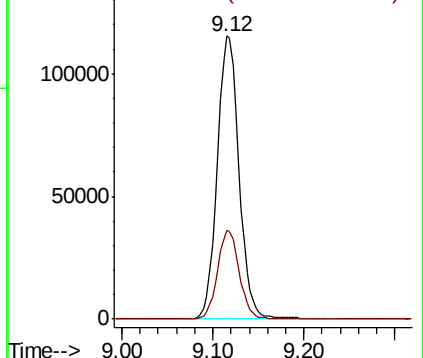
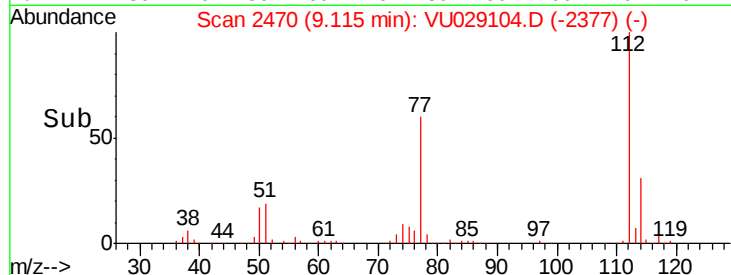
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.712 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

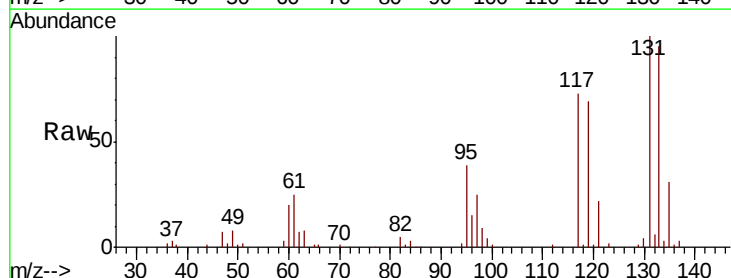
Tgt Ion:131 Resp: 65408

Ion Ratio Lower Upper

131 100

133 95.5 48.2 144.6

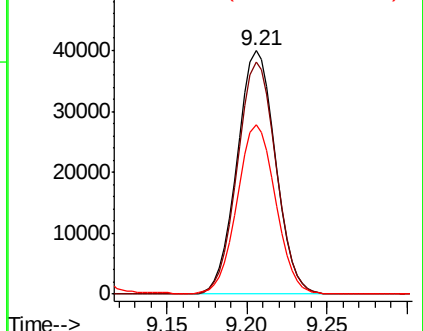
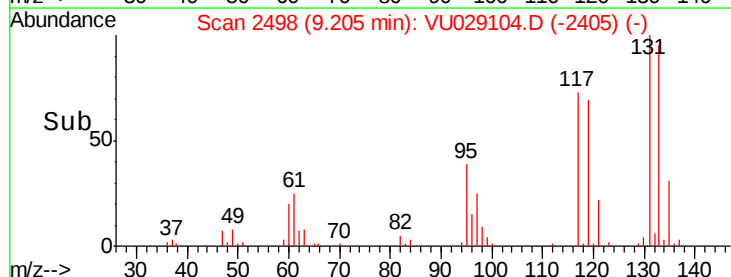
119 69.7 35.4 106.3

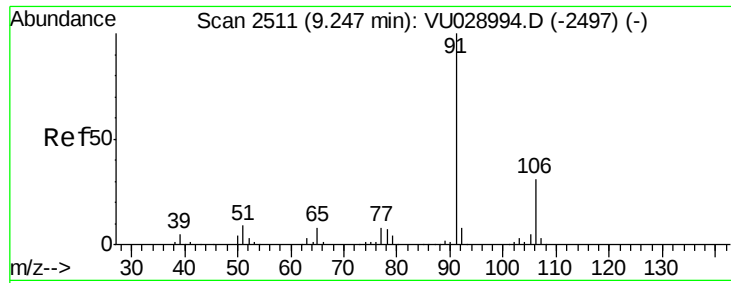


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





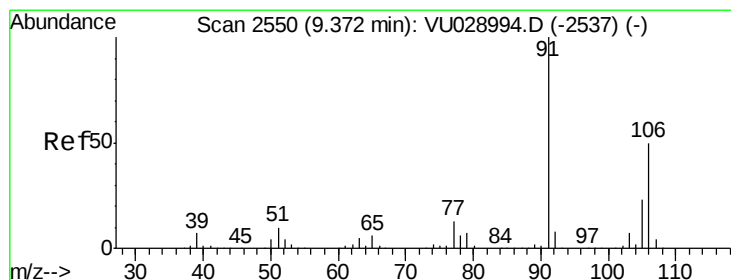
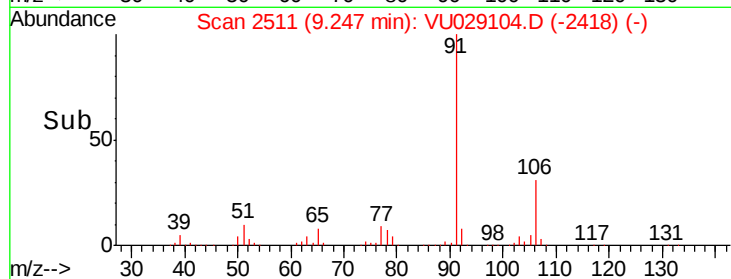
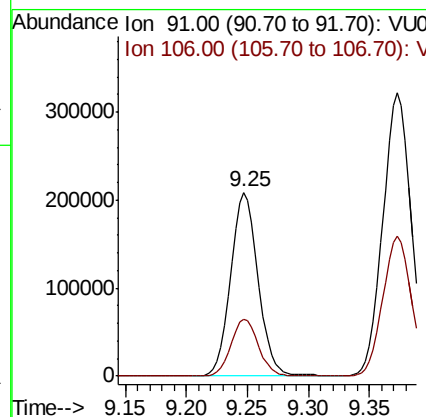
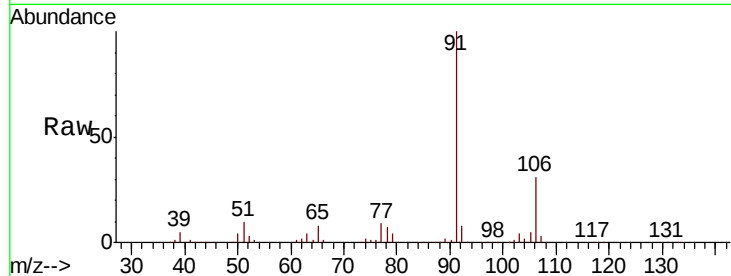
#67
Ethyl Benzene
Concen: 50.701 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 329918
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4

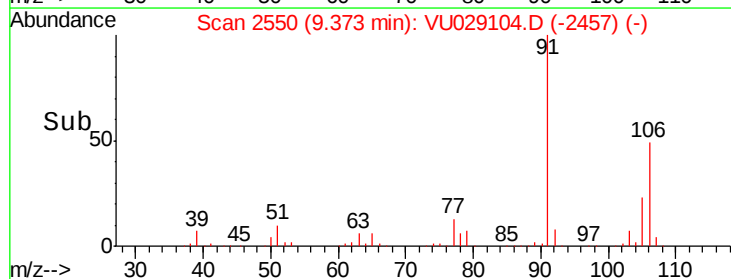
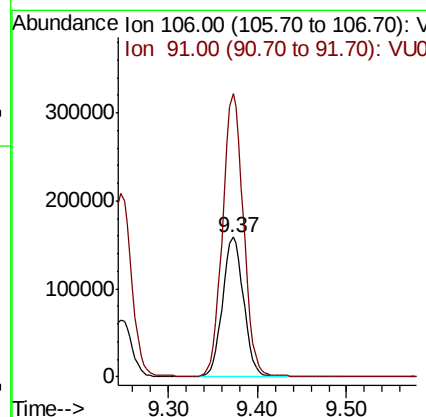
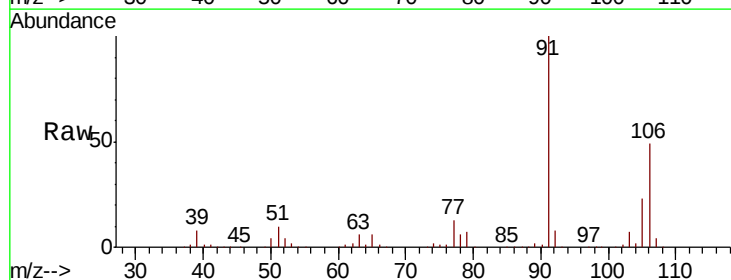
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#68
m/p-Xylenes
Concen: 103.068 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion: 106 Resp: 260592
Ion Ratio Lower Upper
106 100
91 200.8 161.7 242.5





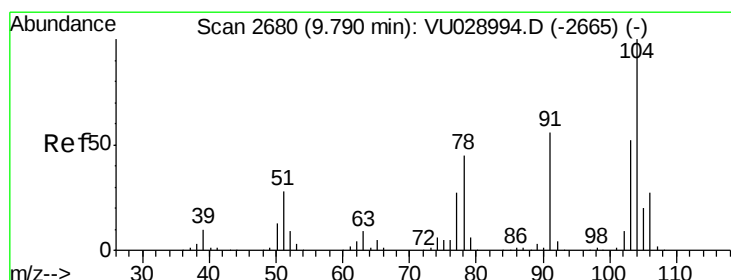
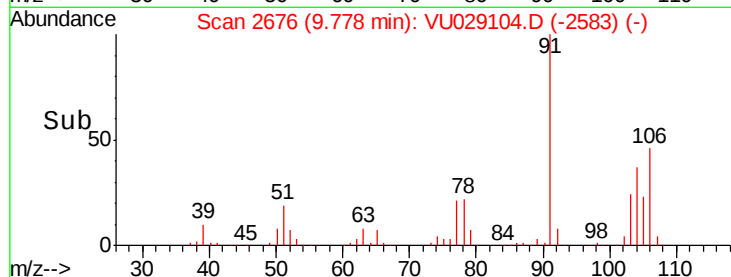
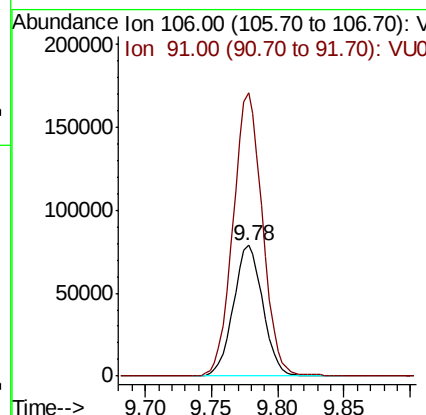
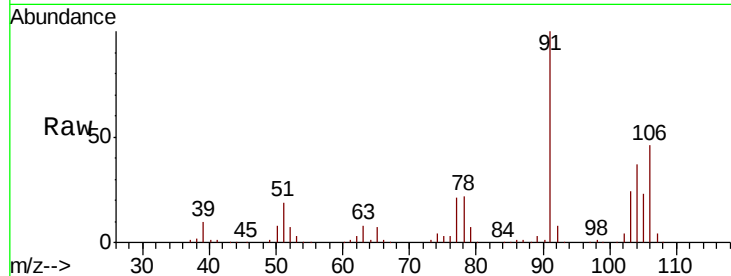
#69
o-Xylene
Concen: 49.987 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 121776
Ion Ratio Lower Upper
106 100
91 216.1 106.1 318.3

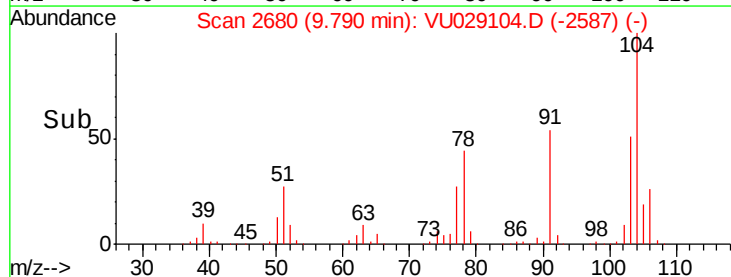
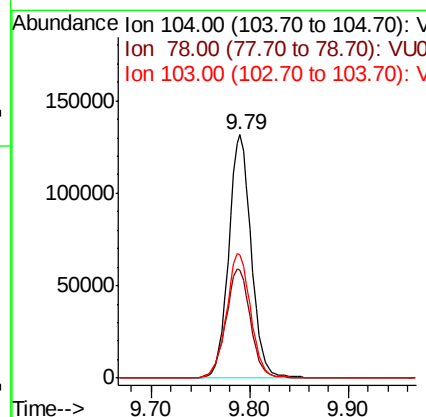
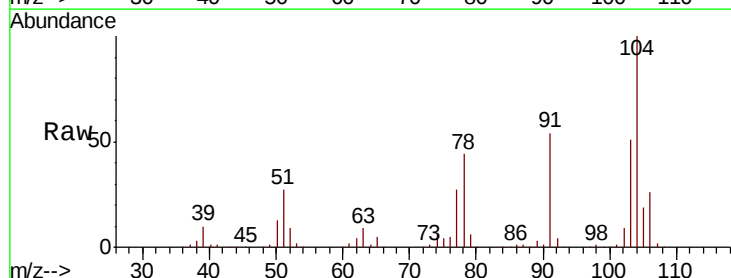
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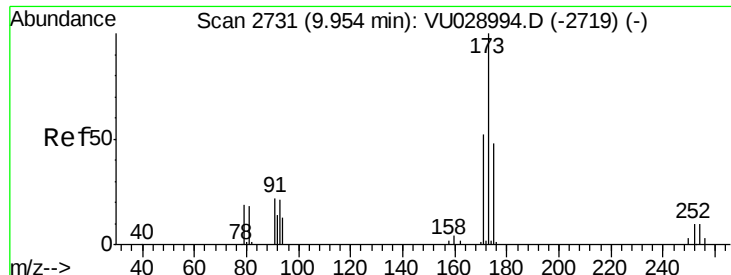
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#70
Styrene
Concen: 52.500 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion:104 Resp: 209669
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 55.1 44.5 66.7





#71

Bromoform

Concen: 53.167 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 59878

Ion Ratio Lower Upper

173 100

175 48.4 23.8 71.2

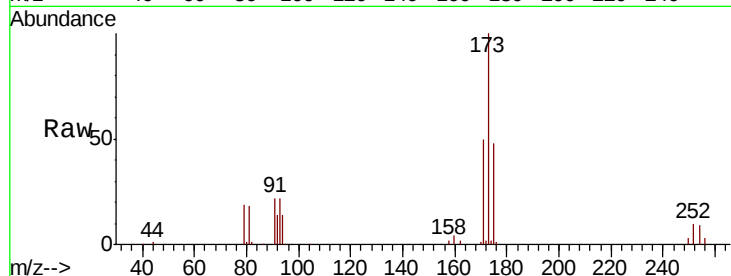
254 0.0 0.0 0.0

Manual Integrations

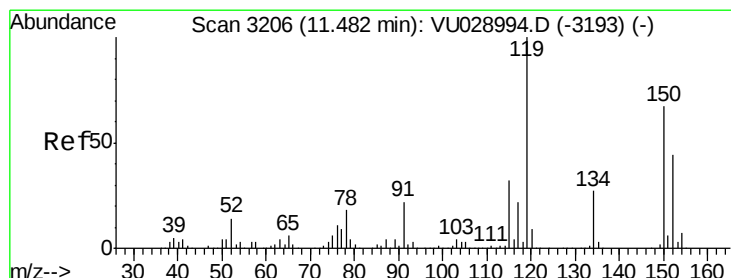
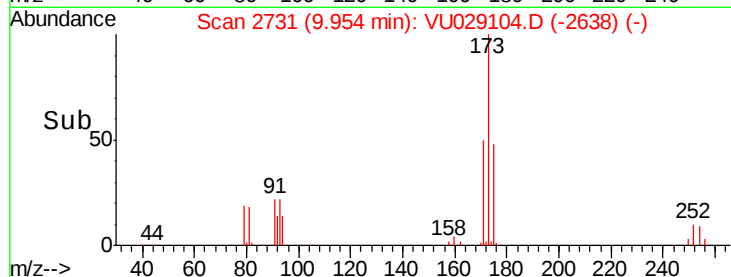
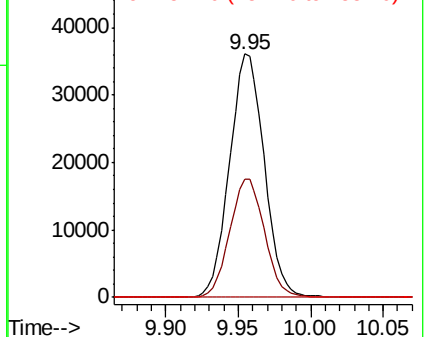
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

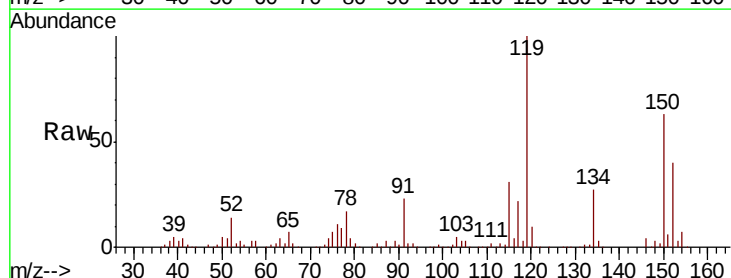
Tgt Ion:152 Resp: 90002

Ion Ratio Lower Upper

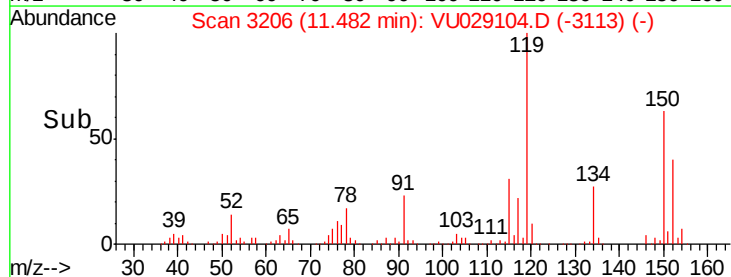
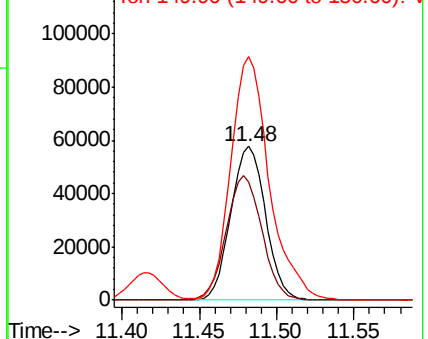
152 100

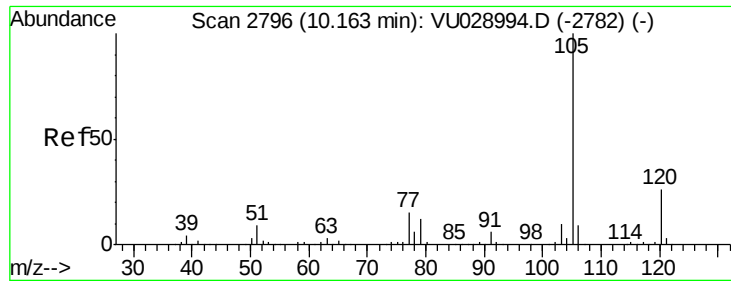
115 83.1 40.1 120.3

150 175.9 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.814 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 325185

Ion Ratio Lower Upper

105 100

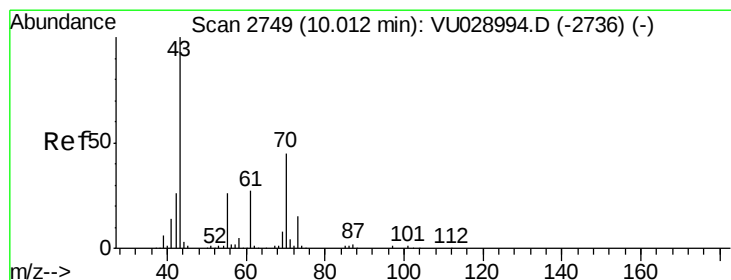
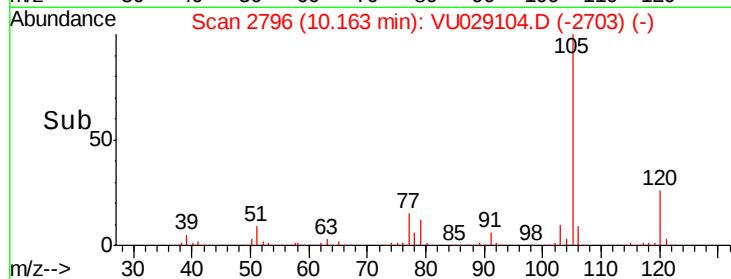
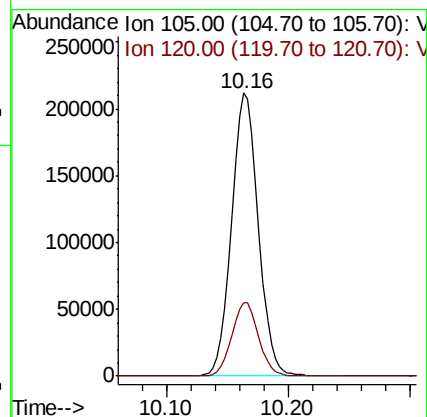
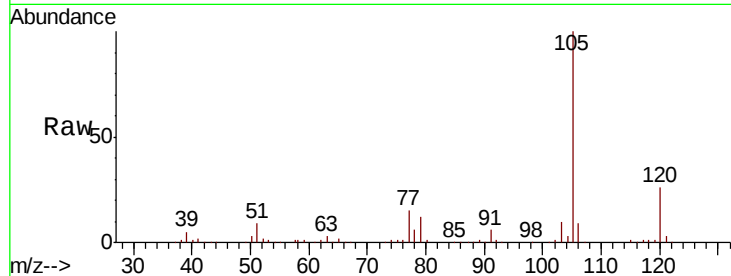
120 26.2 13.2 39.5

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#74

N-ethyl acetate

Concen: 50.492 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Tgt Ion: 43 Resp: 144943

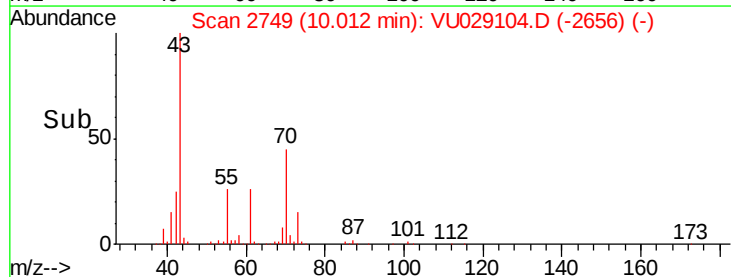
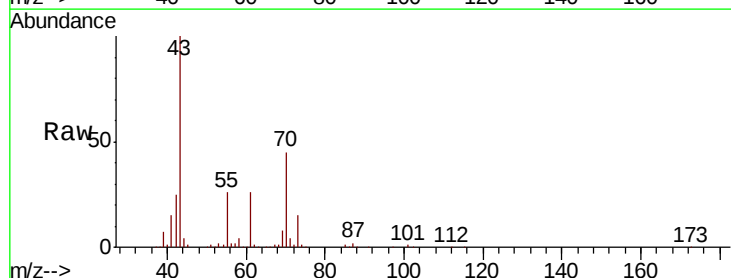
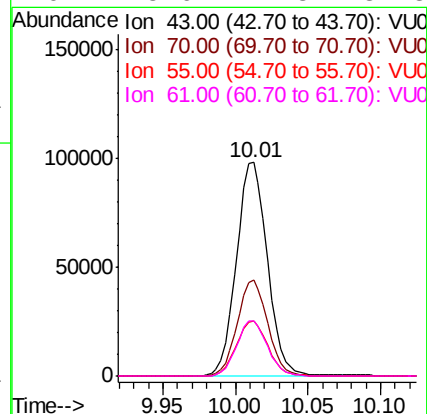
Ion Ratio Lower Upper

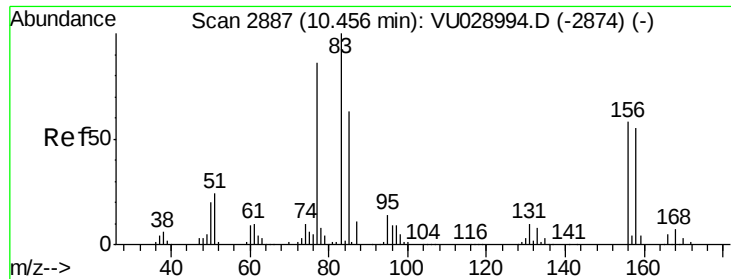
43 100

70 44.2 36.3 54.5

55 26.1 20.5 30.7

61 25.6 21.8 32.8





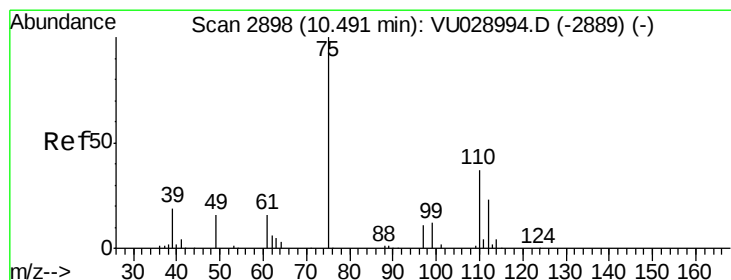
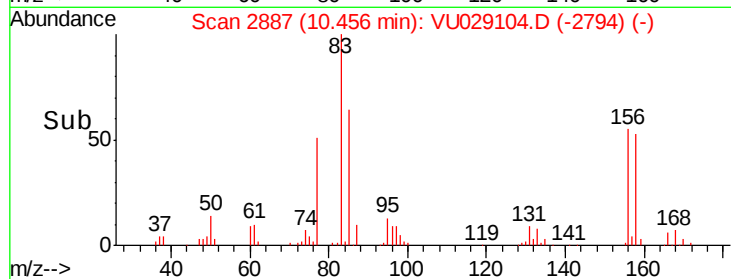
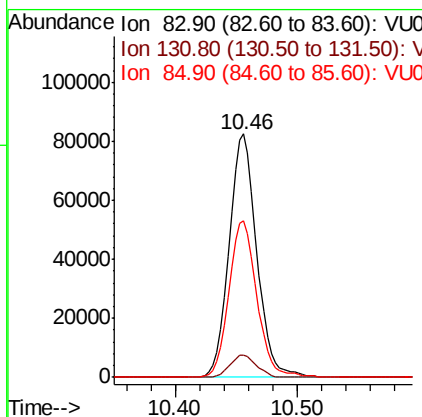
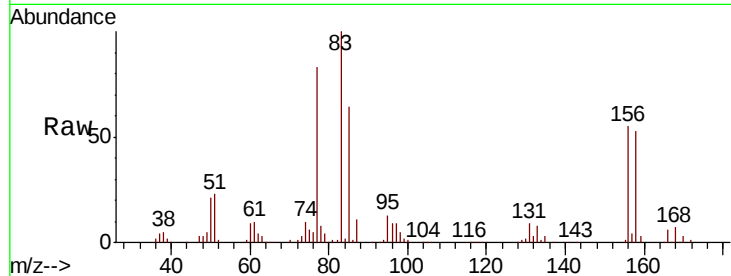
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.824 ug/l
 RT: 10.46 min Scan# 2887
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	130355		
131	8.8	4.7	14.1	
85	65.2	32.0	96.2	

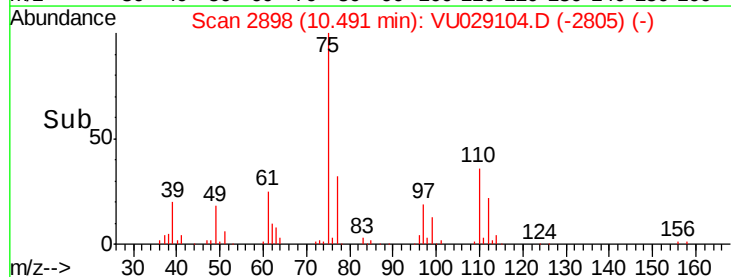
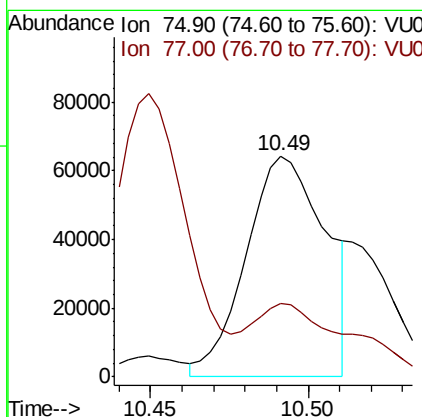
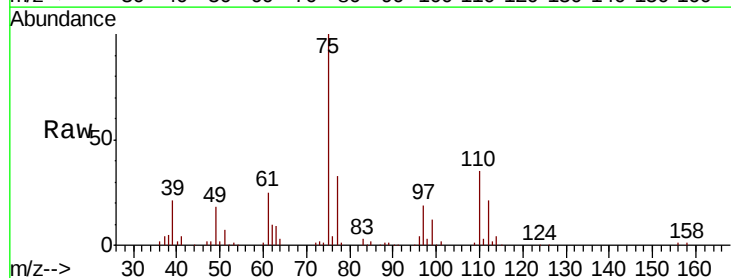
Manual Integrations
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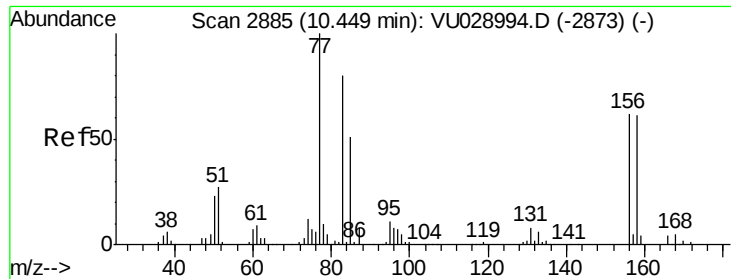
MMDadoda
 1/11/2019 10:03:23 AM



#76
 1,2,3-Trichloropropane
 Concen: 51.118 ug/l m
 RT: 10.49 min Scan# 2898
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	112726		
77	40.5	20.9	62.8	





#77

Bromobenzene

Concen: 48.039 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 83397

Ion Ratio Lower Upper

156 100

77 160.7 79.0 237.2

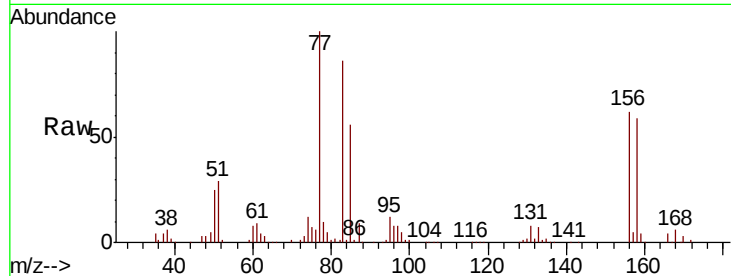
158 96.5 48.9 146.6

Manual Integrations

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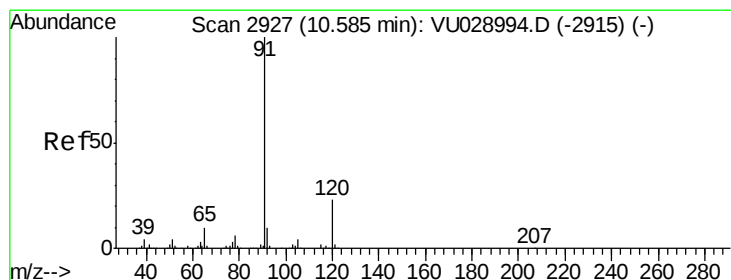
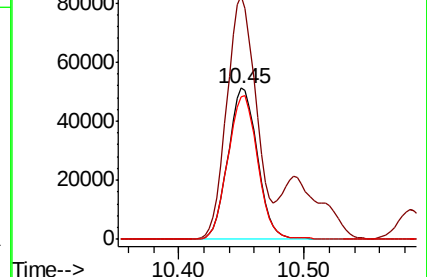
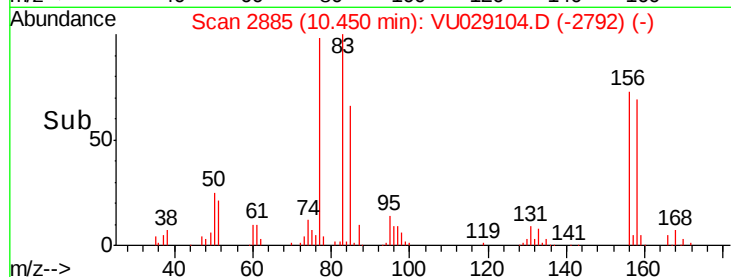
1/11/2019 10:03:23 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.043 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU029104.D

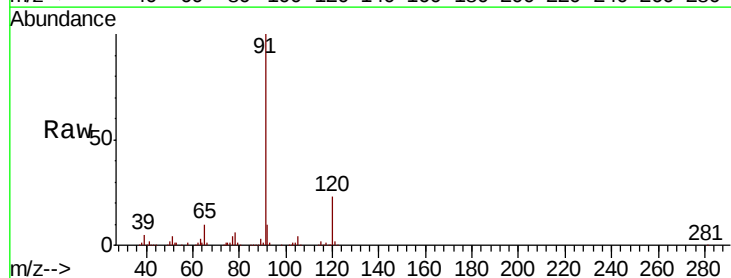
Acq: 10 Jan 2019 09:19

Tgt Ion: 91 Resp: 400727

Ion Ratio Lower Upper

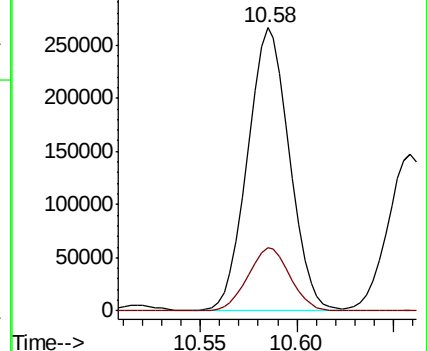
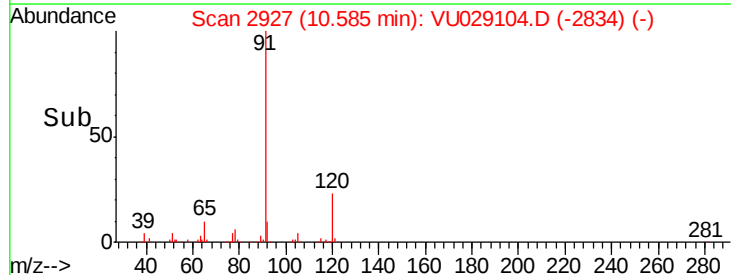
91 100

120 22.5 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





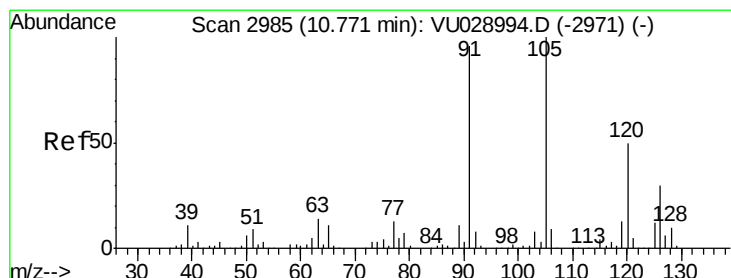
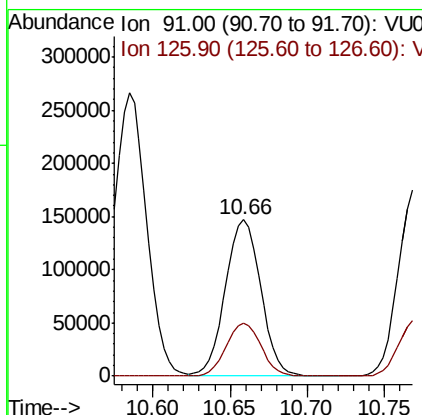
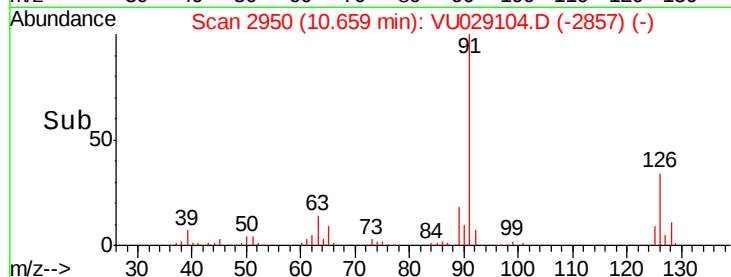
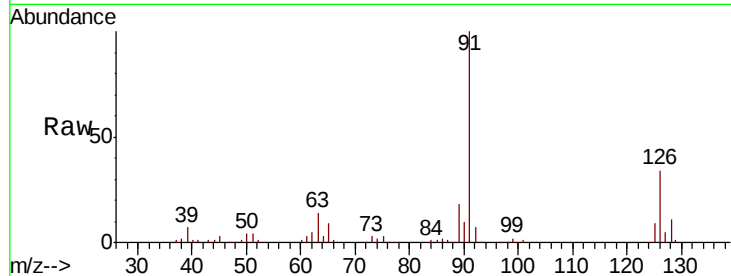
#79
 2-Chlorotoluene
 Concen: 49.155 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 234093
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.8 50.4

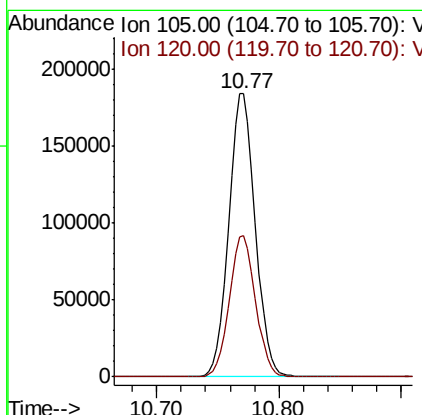
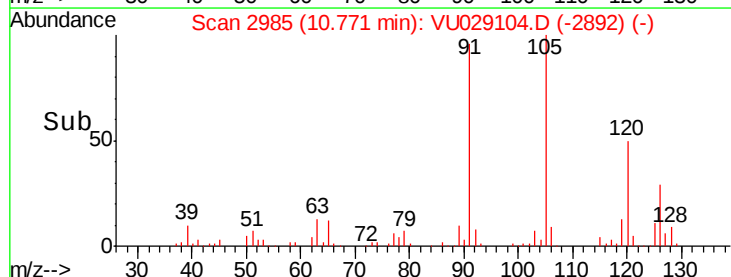
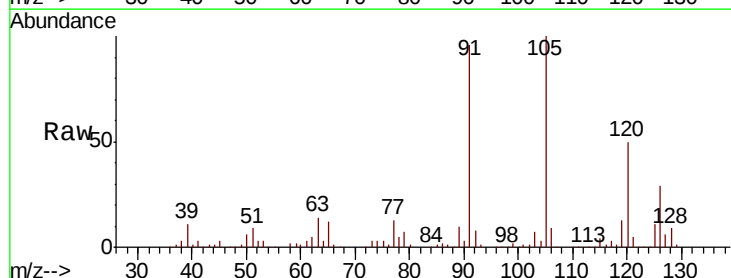
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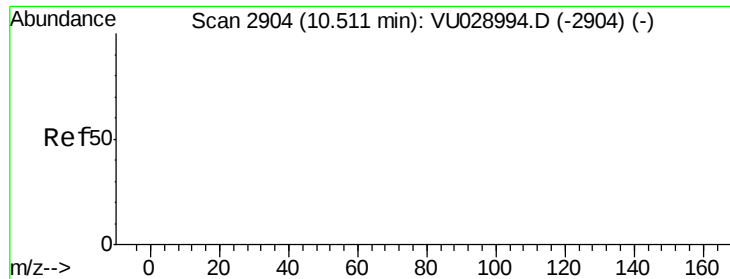
MMDadoda
 1/11/2019 10:03:23 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.022 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Tgt Ion: 105 Resp: 278274
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.8 74.4





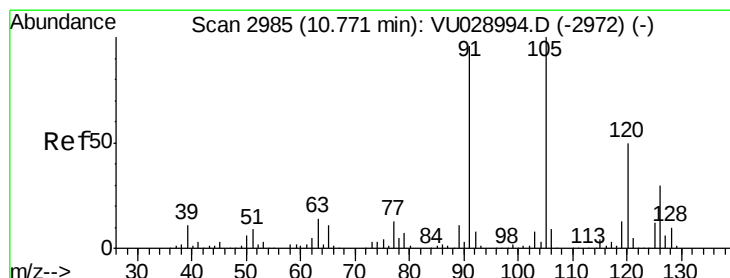
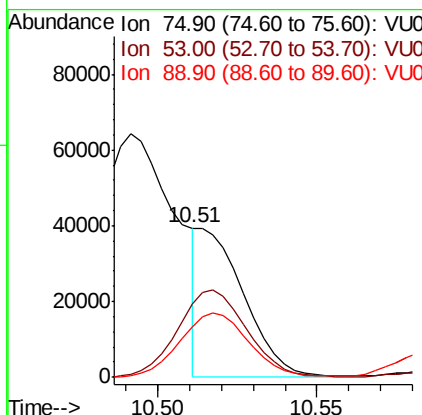
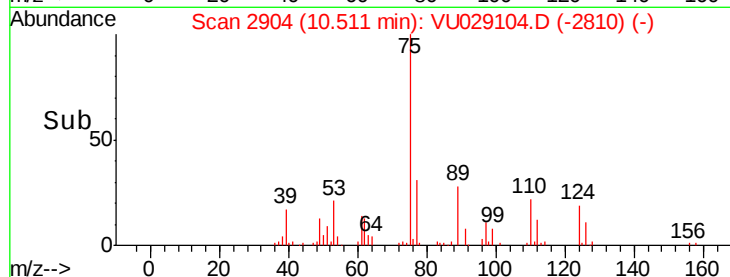
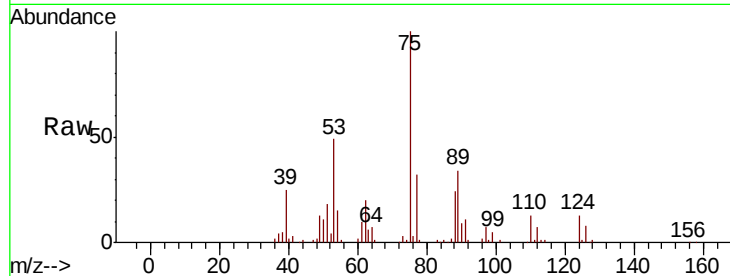
#81
trans-1,4-Dichloro-2-butene
Concen: 45.728 ug/l m
RT: 10.51 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 39099
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

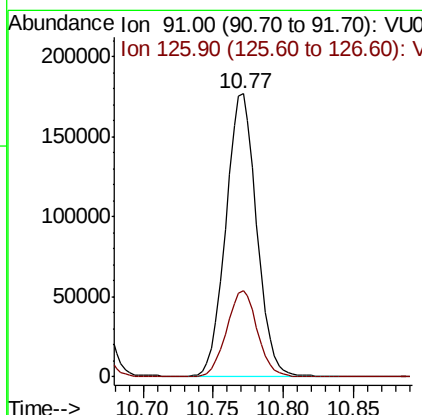
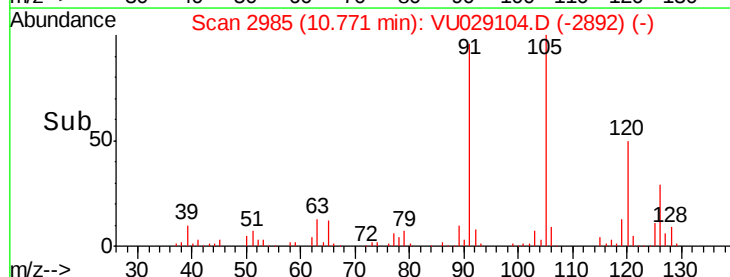
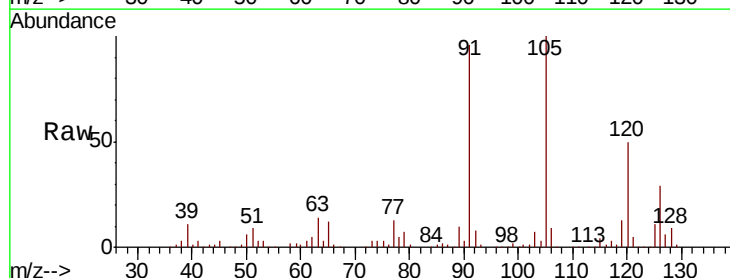
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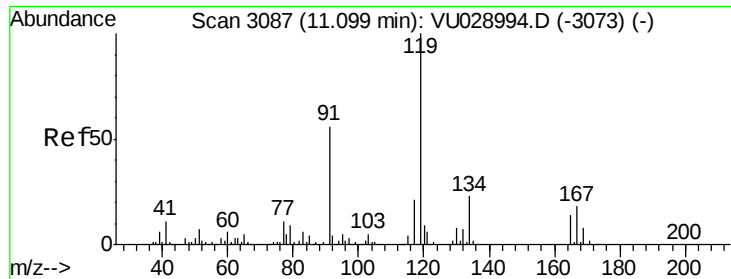
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.308 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion: 91 Resp: 269263
Ion Ratio Lower Upper
91 100
126 30.5 15.5 46.5





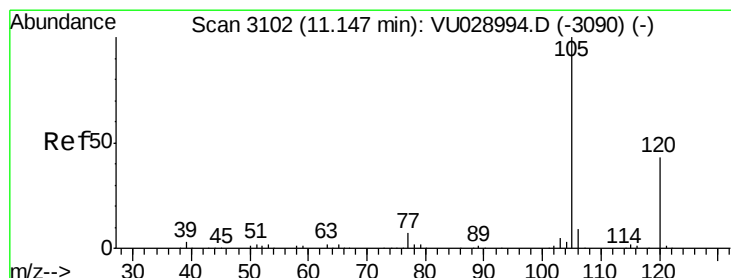
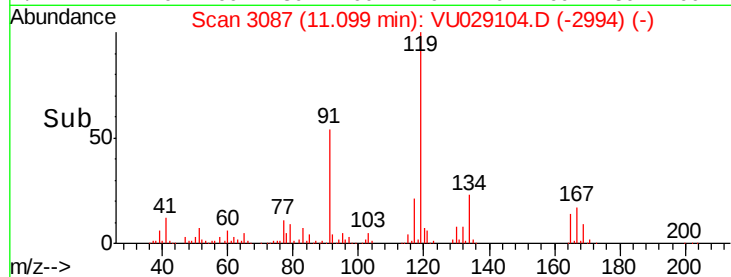
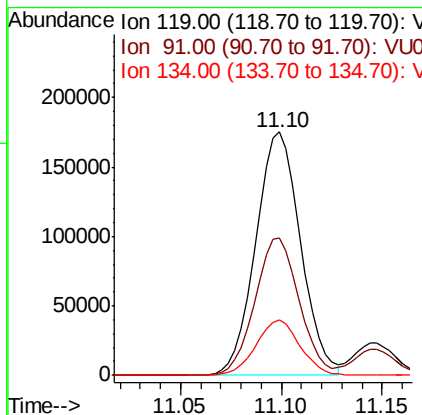
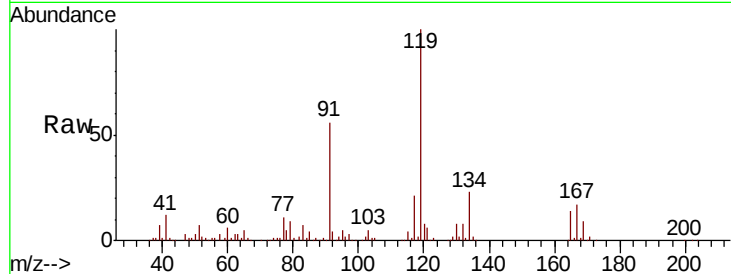
#83
 tert-Butylbenzene
 Concen: 49.586 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	271885		
91	55.5	28.2	84.6	
134	22.3	11.3	33.8	

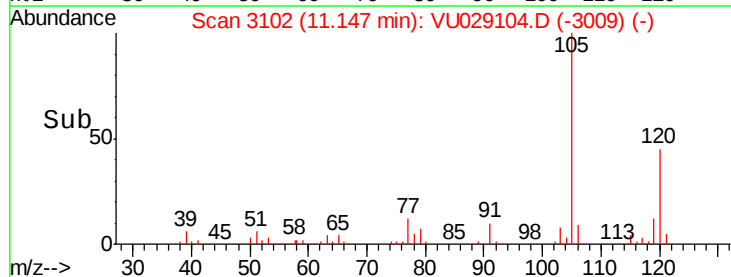
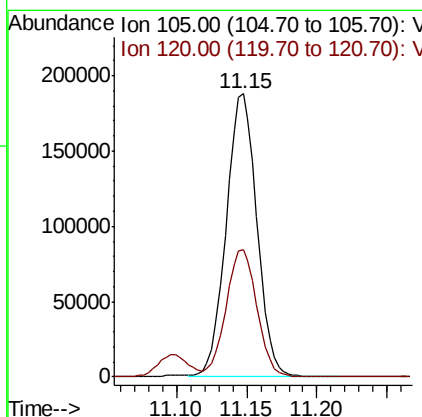
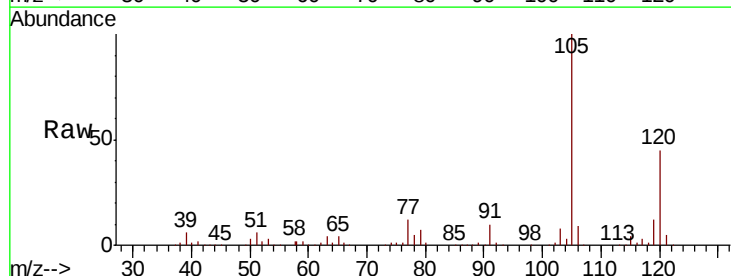
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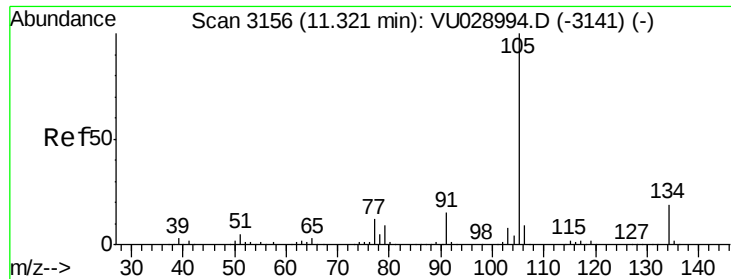
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.261 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	284713		
120	45.5	23.1	69.3	





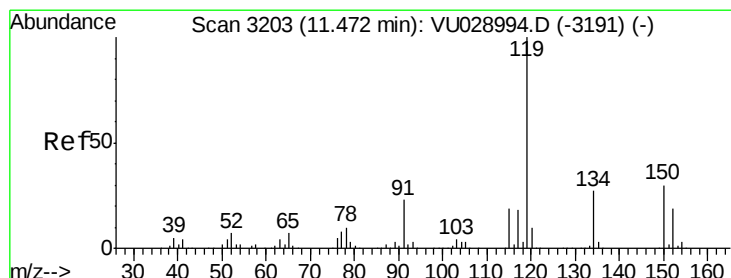
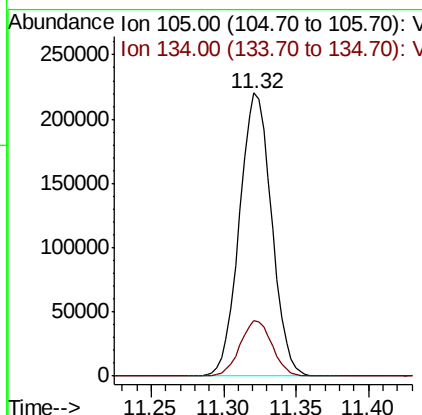
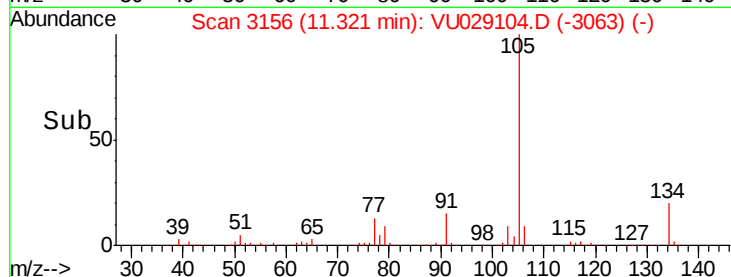
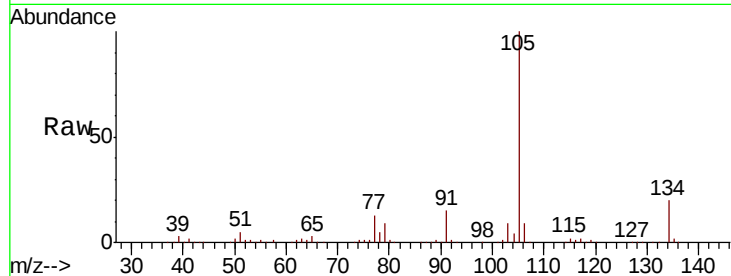
#85
 sec-Butylbenzene
 Concen: 51.238 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 339772
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

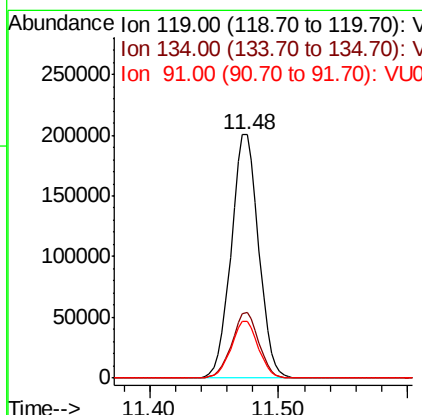
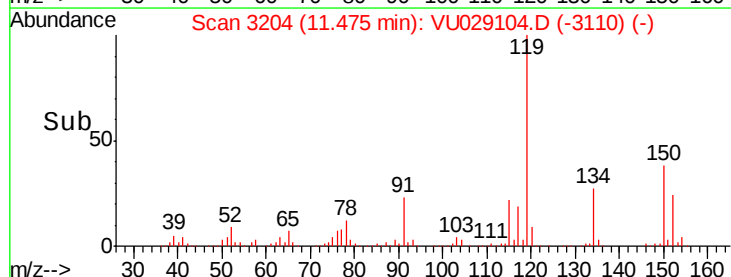
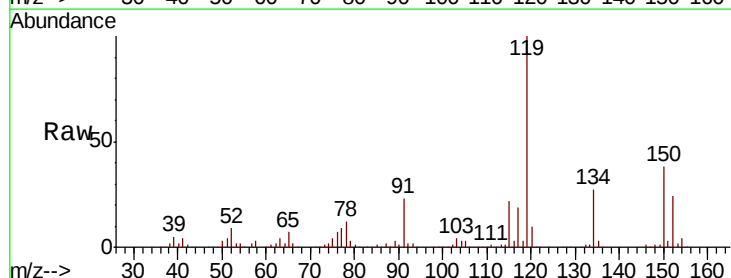
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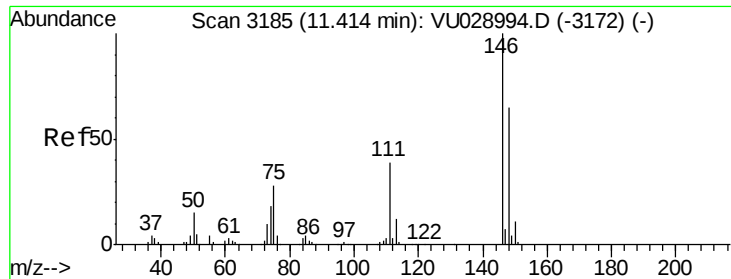
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#86
 p-Isopropyltoluene
 Concen: 52.420 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Tgt Ion:119 Resp: 296209
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 23.2 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.203 ug/l

RT: 11.41 min Scan# 3185

Delta R.T. 0.00 min

Lab File: VU029104.D

Acq: 10 Jan 2019 09:19

Instrument :

MSVOA_U

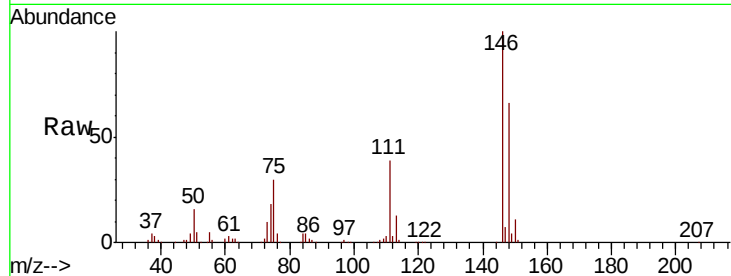
ClientSampleId :

VSTDCCC050

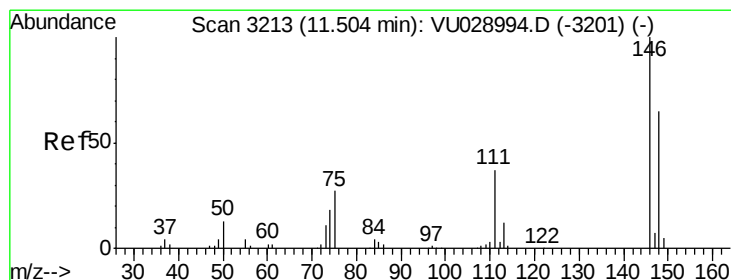
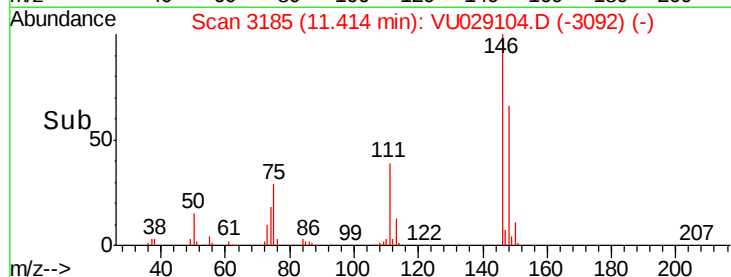
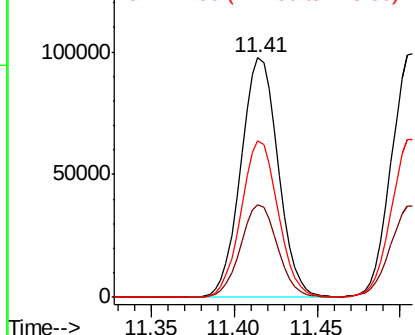
Tgt Ion:	146	Resp:	153491
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.3	57.8
148	64.8	32.5	97.5

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.102 ug/l

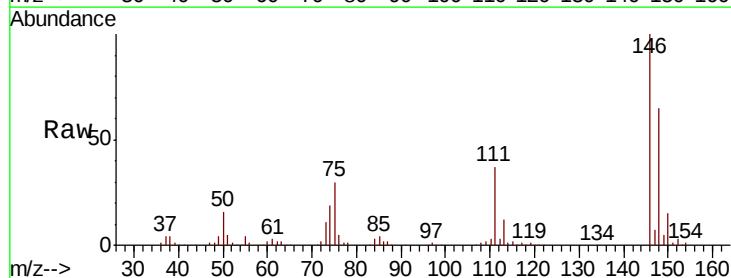
RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

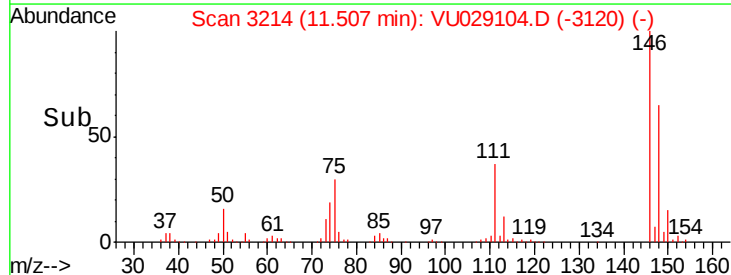
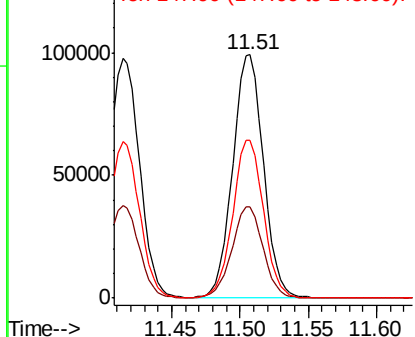
Lab File: VU029104.D

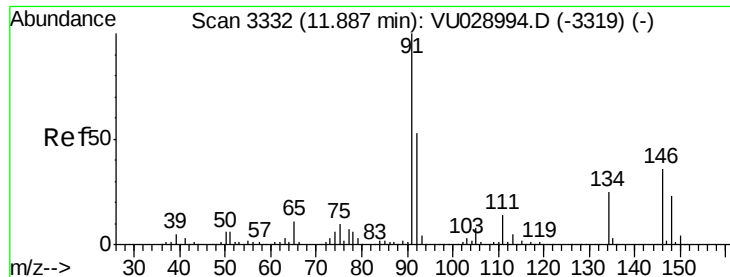
Acq: 10 Jan 2019 09:19

Tgt Ion:	146	Resp:	154819
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.1	57.3
148	64.5	32.6	98.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





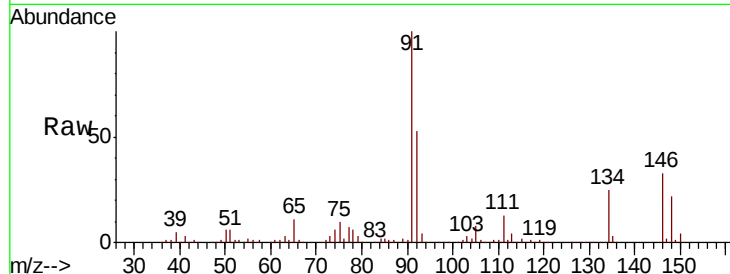
#89
n-Butylbenzene
Concen: 55.078 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

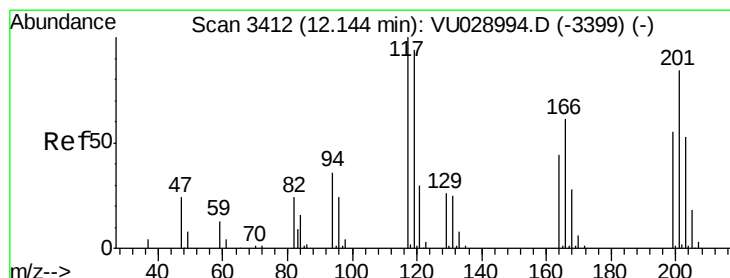
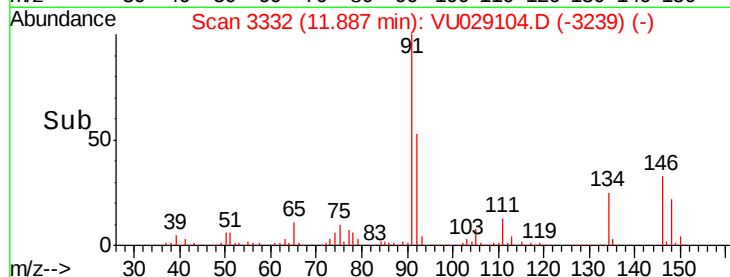
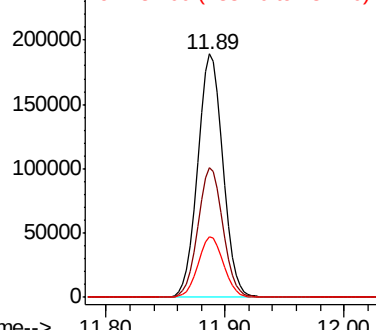
Tgt Ion: 91 Resp: 277778
Ion Ratio Lower Upper
91 100
92 53.1 26.2 78.5
134 25.1 12.6 37.6

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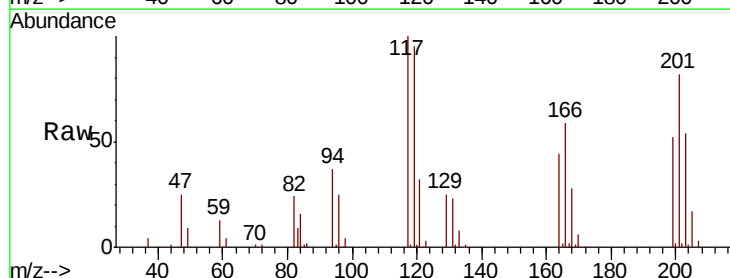


Abundance Ion 91.00 (90.70 to 91.70): VU028994.D (-3319) (-)
Ion 92.00 (91.70 to 92.70): VU028994.D (-3319) (-)
Ion 134.00 (133.70 to 134.70): VU028994.D (-3319) (-)

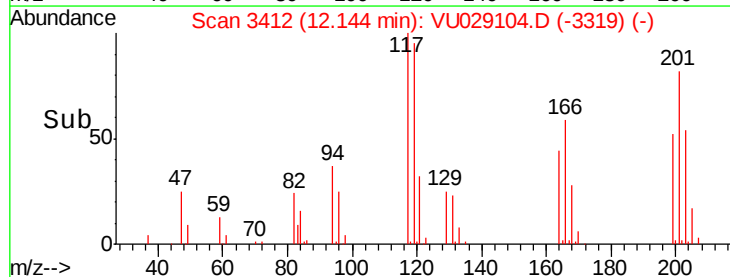
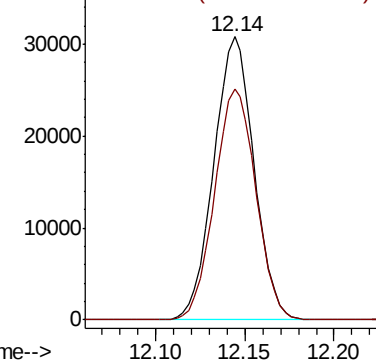


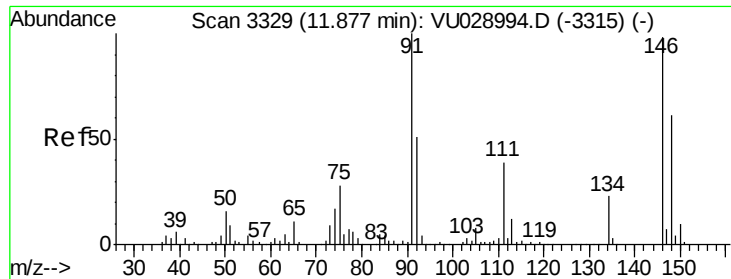
#90
Hexachloroethane
Concen: 51.013 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion: 117 Resp: 48493
Ion Ratio Lower Upper
117 100
201 83.8 42.4 127.3



Abundance Ion 116.80 (116.50 to 117.50): VU028994.D (-3399) (-)
Ion 200.70 (200.40 to 201.40): VU028994.D (-3399) (-)





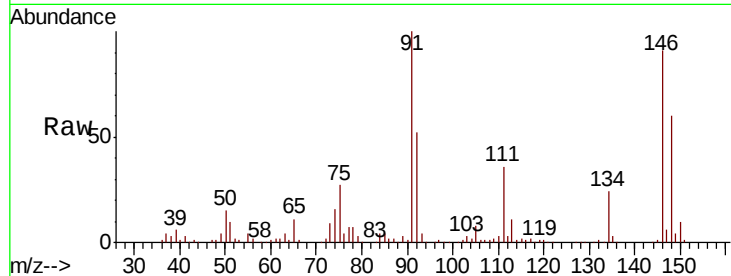
#91
 1,2-Dichlorobenzene
 Concen: 47.218 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	59.9
148	65.4	31.6	94.8

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 1/11/2019 10:03:23 AM

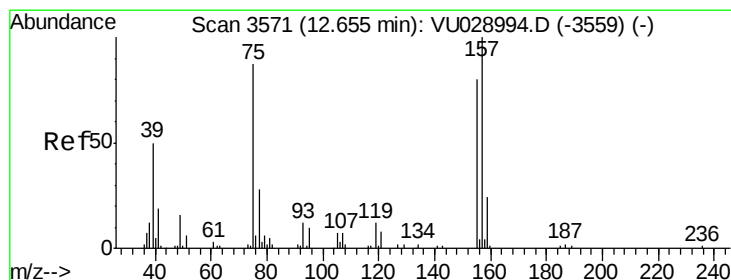
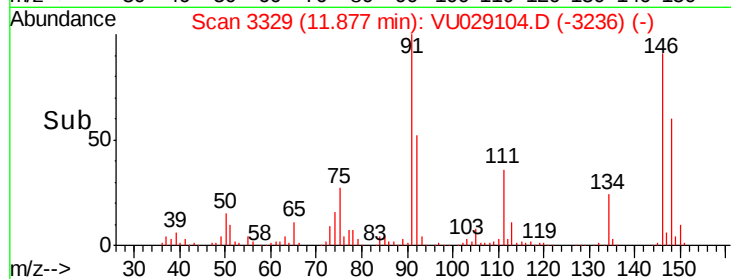
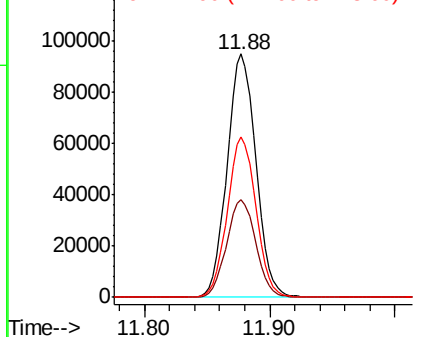


Abundance

Ion 145.90 (145.60 to 146.60): V

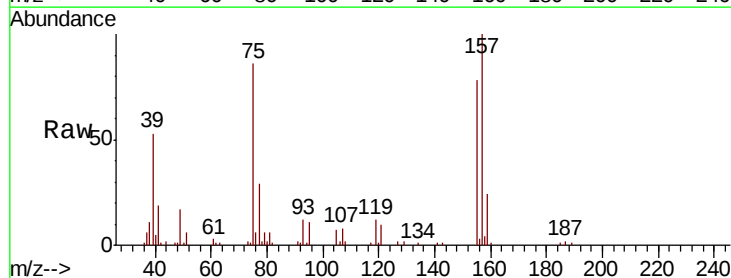
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.668 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	46.3	138.8
157	114.3	57.4	172.0

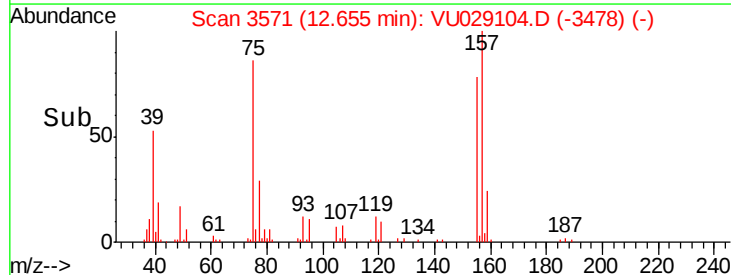
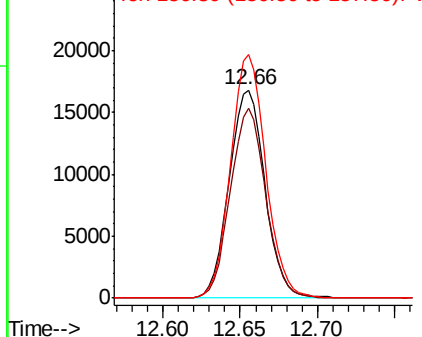


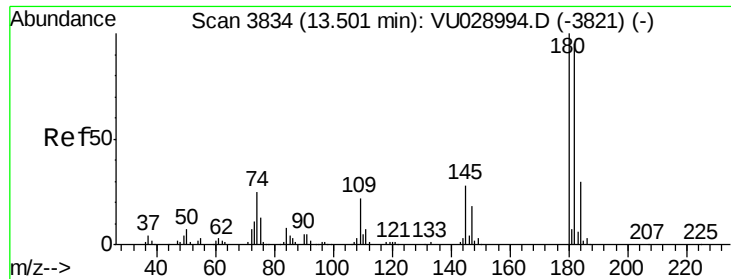
Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





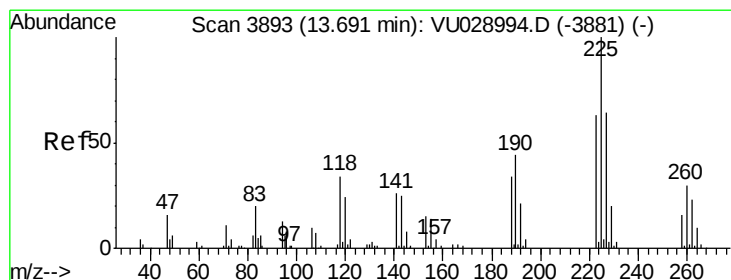
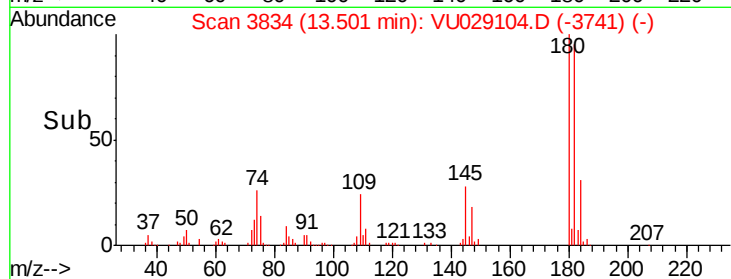
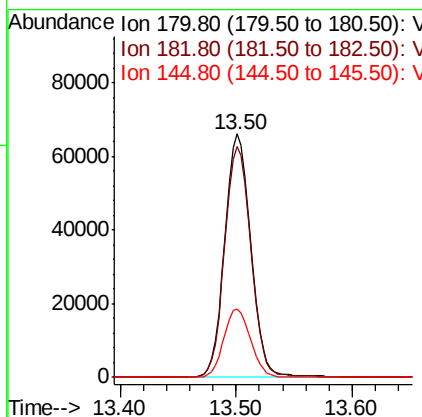
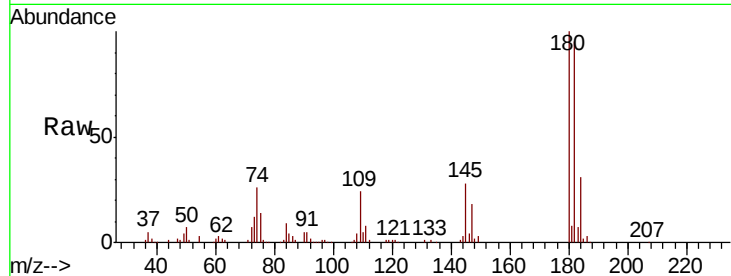
#93
 1,2,4-Trichlorobenzene
 Concen: 50.315 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.6
145	28.4	14.0	42.0

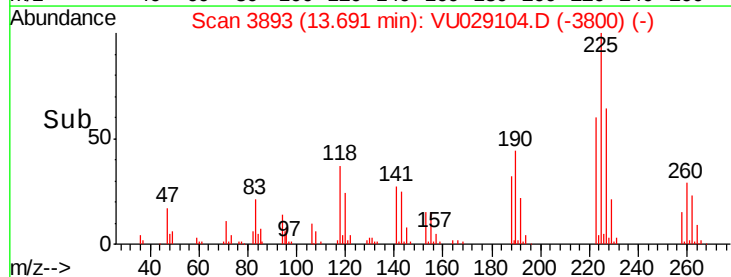
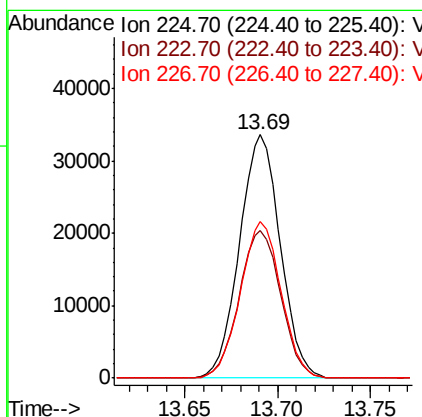
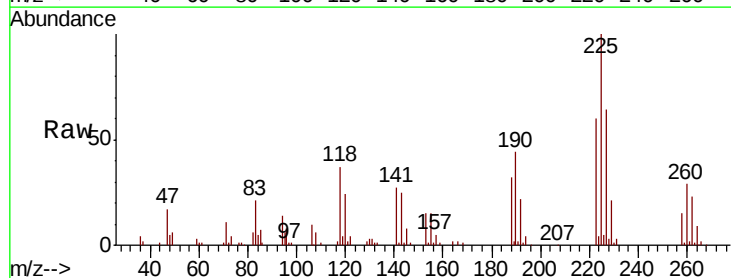
Manual Integrations
 APPROVED

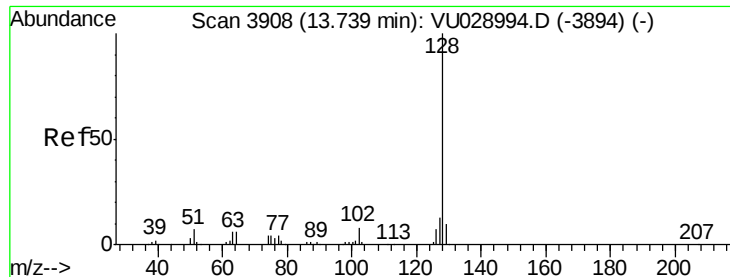
MMDadoda
 1/11/2019 10:03:23 AM



#94
 Hexachlorobutadiene
 Concen: 54.745 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU029104.D
 Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.4	94.0
227	64.1	31.9	95.5





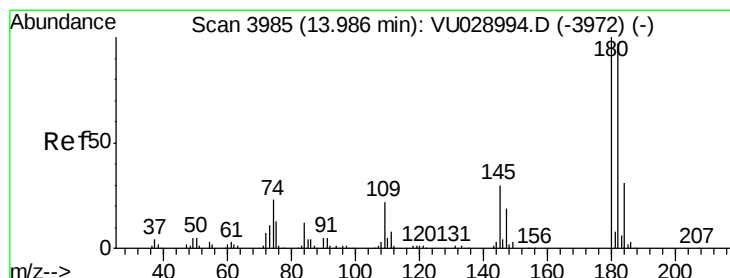
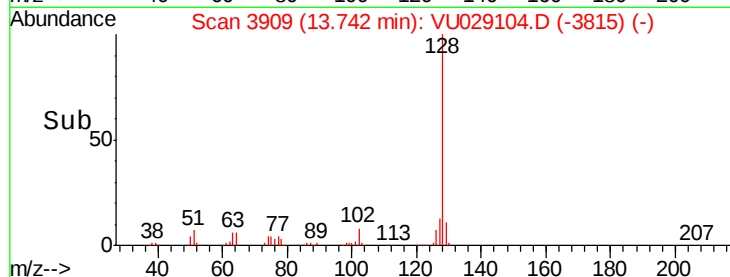
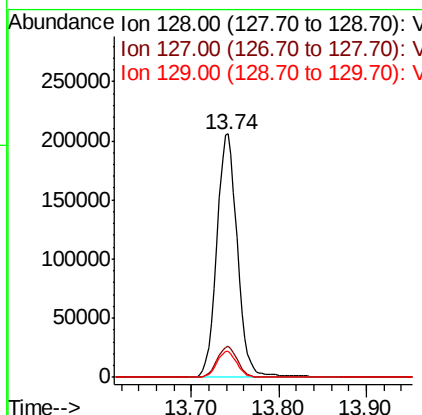
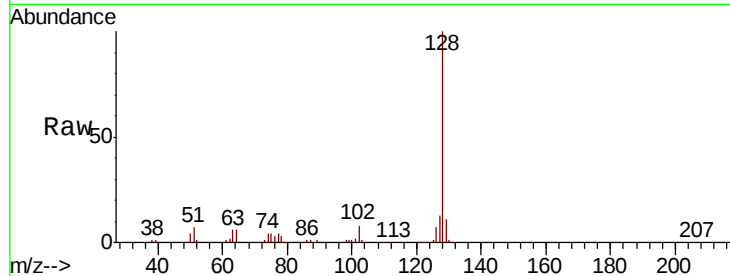
#95
Naphthalene
Concen: 48.308 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.5	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
1/11/2019 10:03:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.755 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029104.D
Acq: 10 Jan 2019 09:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.1	144.3
145	30.2	14.8	44.4

