

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110218\
 Data File : VU027903.D
 Acq On : 01 Nov 2018 18:02
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 9:01:45 AM

Quant Time: Nov 02 01:03:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 01:48:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	163550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287252	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	253709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	107201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	1771	0.768	ug/l	88
3) Chloromethane	1.33	50	2379	0.772	ug/l	90
4) Vinyl Chloride	1.40	62	2354	0.807	ug/l	93
5) Bromomethane	1.63	94	935	0.744	ug/l	98
6) Chloroethane	1.70	64	1353	0.769	ug/l #	81
7) Trichlorofluoromethane	1.89	101	2647	0.873	ug/l #	81
8) Diethyl Ether	2.10	74	1299	0.943	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	2.29	101	1504	0.852	ug/l	89
12) 1,1-Dichloroethene	2.29	96	1765	1.023	ug/l	91
14) Allyl chloride	2.59	41	3927	0.959	ug/l	96
15) Acrylonitrile	2.94	53	7055	4.633	ug/l	96
16) Acetone	2.32	43	9112	5.724	ug/l	95
17) Carbon Disulfide	2.48	76	5432	0.881	ug/l	97
18) Methyl Acetate	2.62	43	4757	1.261	ug/l	93
19) Methyl tert-butyl Ether	3.00	73	6679	0.962	ug/l	94
20) Methylene Chloride	2.71	84	2186	0.970	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	2075	1.063	ug/l #	81
22) Diisopropyl ether	3.58	45	8106	0.965	ug/l #	83
23) Vinyl Acetate	3.53	43	32475	4.427	ug/l	98
24) 1,1-Dichloroethane	3.45	63	4353	1.015	ug/l #	85
25) 2-Butanone	4.29	43	11022	4.916	ug/l	97
26) 2,2-Dichloropropane	4.23	77	3619	1.043	ug/l	78
27) cis-1,2-Dichloroethene	4.24	96	1951	0.871	ug/l	89
28) Bromochloromethane	4.55	49	1719	0.845	ug/l #	98
29) Tetrahydrofuran	4.65	42	8128	5.705	ug/l #	84
30) Chloroform	4.68	83	4081	1.067	ug/l	100
31) Cyclohexane	4.99	56	8456	1.691	ug/l #	39
32) 1,1,1-Trichloroethane	4.92	97	2676	0.834	ug/l #	50
36) 1,1-Dichloropropene	5.14	75	2961	0.955	ug/l #	90
37) Ethyl Acetate	4.40	43	4536	1.104	ug/l #	83
38) Carbon Tetrachloride	5.14	117	2606	0.931	ug/l	93
39) Methylcyclohexane	6.42	83	3390	0.933	ug/l	96
40) Benzene	5.40	78	8362	0.914	ug/l	97
41) Methacrylonitrile	4.56	41	1852	0.800	ug/l #	78

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.42	62	3235	0.964	ug/l #	76
43) Isopropyl Acetate	5.56	43	6604	1.038	ug/l #	87
44) Trichloroethene	6.19	130	1859	0.919	ug/l	79
45) 1,2-Dichloropropane	6.44	63	2466	0.938	ug/l	99
46) Dibromomethane	6.57	93	1355	0.912	ug/l	97
47) Bromodichloromethane	6.76	83	2517	0.823	ug/l #	97
48) Methyl methacrylate	6.64	41	2840	0.897	ug/l #	82
49) 1,4-Dioxane	6.62	88	773	14.317	ug/l #	81
51) 4-Methyl-2-Pentanone	7.47	43	21126	5.080	ug/l	95
52) Toluene	7.64	92	5043	0.936	ug/l	88
53) t-1,3-Dichloropropene	7.89	75	2468	0.689	ug/l	99
54) cis-1,3-Dichloropropene	7.28	75	2943	0.764	ug/l	93
55) 1,1,2-Trichloroethane	8.07	97	2031	0.951	ug/l #	84
56) Ethyl methacrylate	8.03	69	3047	0.850	ug/l	97
57) 1,3-Dichloropropane	8.25	76	3542	0.857	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.13	63	9133	4.651	ug/l	95
59) 2-Hexanone	8.37	43	14921	4.615	ug/l	95
60) Dibromochloromethane	8.48	129	1569	0.731	ug/l	93
61) 1,2-Dibromoethane	8.59	107	1971	0.859	ug/l	89
64) Tetrachloroethene	8.23	164	1757	1.113	ug/l	85
65) Chlorobenzene	9.12	112	5208	0.972	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.21	131	1602	0.868	ug/l #	48
67) Ethyl Benzene	9.25	91	8966	0.943	ug/l	97
68) m/p-Xylenes	9.38	106	6540	1.887	ug/l	97
69) o-Xylene	9.78	106	3513	1.062	ug/l	94
70) Styrene	9.80	104	4800	0.883	ug/l	91
71) Bromoform	9.96	173	1360	0.907	ug/l #	81
73) Isopropylbenzene	10.17	105	8627	1.107	ug/l	98
74) N-amyl acetate	10.02	43	4681	1.028	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	3401	1.094	ug/l #	94
76) 1,2,3-Trichloropropane	10.50	75	3088m	1.111	ug/l	
77) Bromobenzene	10.46	156	1647	0.900	ug/l	85
78) n-propylbenzene	10.59	91	9501	1.013	ug/l	99
79) 2-Chlorotoluene	10.66	91	5916	1.045	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	6391	1.001	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.53	75	836m	0.777	ug/l	
82) 4-Chlorotoluene	10.78	91	6586	1.028	ug/l	90
83) tert-Butylbenzene	11.10	119	7218	1.169	ug/l	94
84) 1,2,4-Trimethylbenzene	11.15	105	6652	1.023	ug/l	99
85) sec-Butylbenzene	11.33	105	7901	1.017	ug/l	94
86) p-Isopropyltoluene	11.48	119	6429	0.972	ug/l	92
87) 1,3-Dichlorobenzene	11.42	146	3394	0.987	ug/l	92
88) 1,4-Dichlorobenzene	11.51	146	3652m	1.040	ug/l	
89) n-Butylbenzene	11.89	91	5365	0.864	ug/l	95
90) Hexachloroethane	12.15	117	1206	0.969	ug/l	79
91) 1,2-Dichlorobenzene	11.88	146	3211	0.954	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.66	75	535	0.784	ug/l	87
93) 1,2,4-Trichlorobenzene	13.51	180	1516	0.695	ug/l	87
94) Hexachlorobutadiene	13.69	225	984	0.898	ug/l	80
95) Naphthalene	13.75	128	4843	0.652	ug/l #	93

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MSVOA_U
ClientSampleId :
VSTDICC001

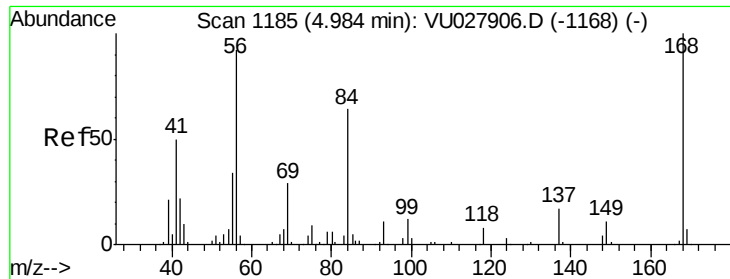
Manual Integrations
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MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	13.99	180	1886m	0.827	ug/l	

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 163550

Ion Ratio Lower Upper

168 100

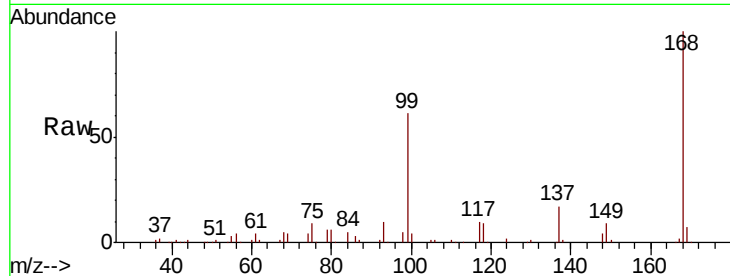
99 60.1 47.9 71.9

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Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.98

80000

60000

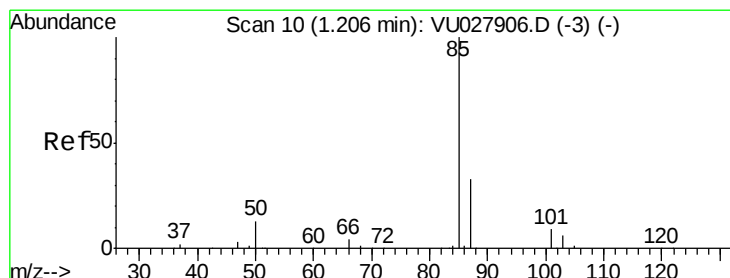
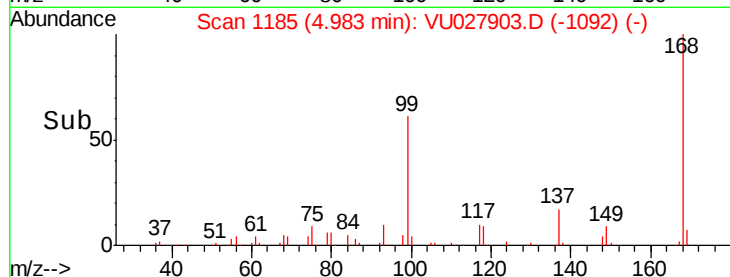
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 0.768 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027903.D

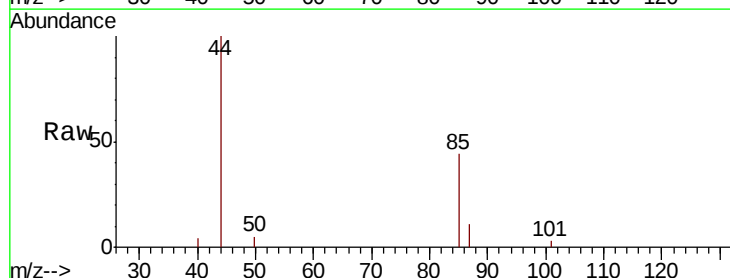
Acq: 01 Nov 2018 18:02

Tgt Ion: 85 Resp: 1771

Ion Ratio Lower Upper

85 100

87 26.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU027906.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027906.D (-3) (-)

1.21

2000

1500

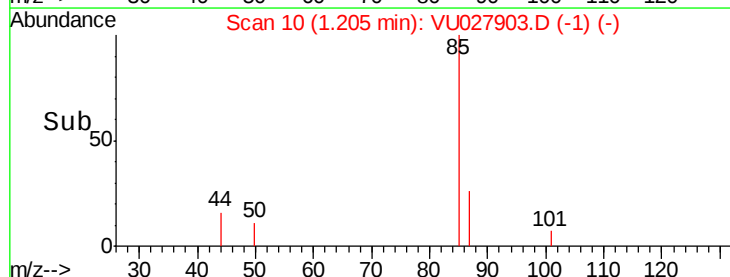
1000

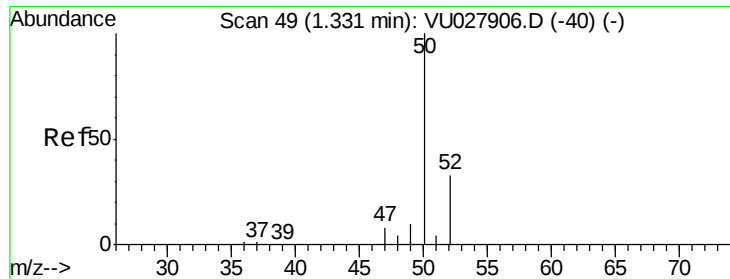
500

0

1.18 1.20 1.22 1.24

Time-->





#3

Chloromethane

Concen: 0.772 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2379

Ion Ratio Lower Upper

50 100

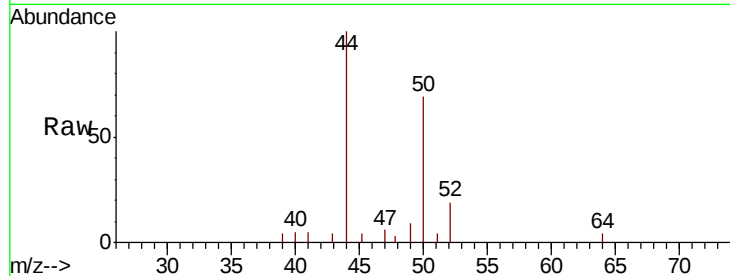
52 27.4 26.2 39.4

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Abundance Ion 49.90 (49.60 to 50.60): VU027903.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU027903.D (-1) (-)

1.33

2500

2000

1500

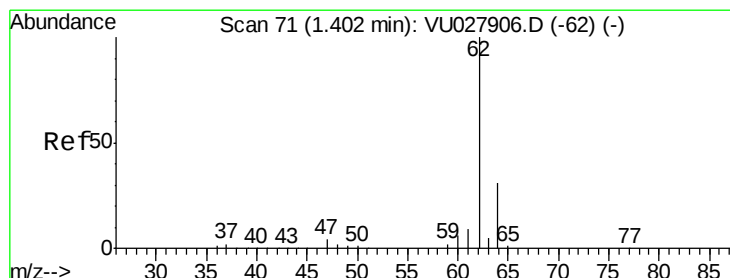
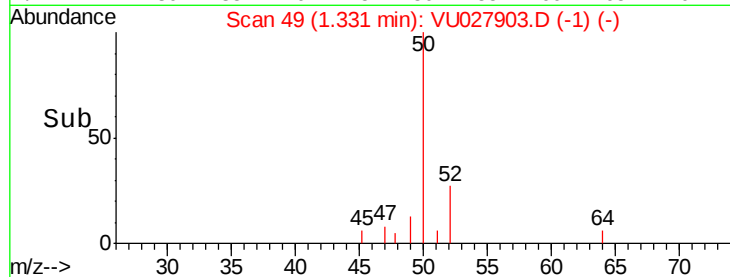
1000

500

0

1.30 1.32 1.34 1.36

Time-->



#4

Vinyl Chloride

Concen: 0.807 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027903.D

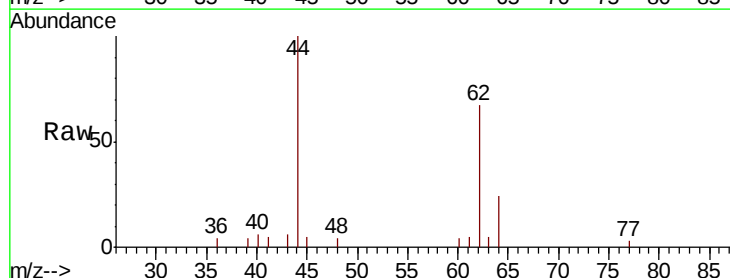
Acq: 01 Nov 2018 18:02

Tgt Ion: 62 Resp: 2354

Ion Ratio Lower Upper

62 100

64 35.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU027903.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VU027903.D (-1) (-)

1.40

2500

2000

1500

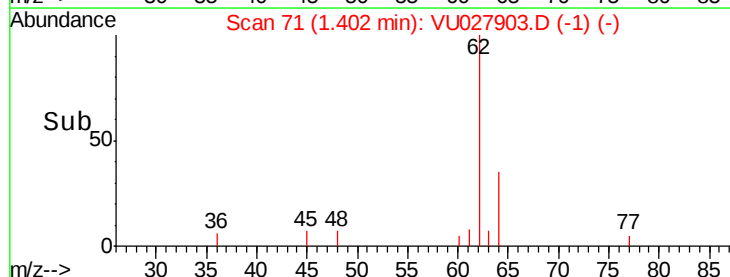
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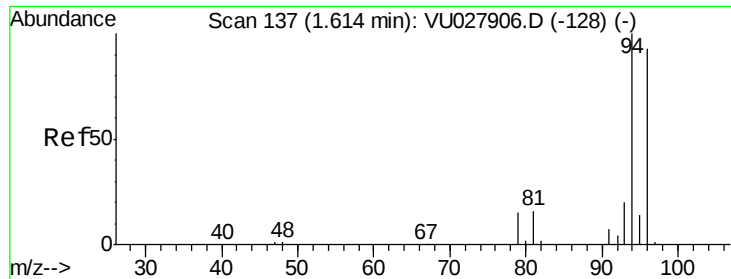
500

0

1.36 1.38 1.40 1.42 1.44

Time-->





#5

Bromomethane

Concen: 0.744 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.02 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 935

Ion Ratio Lower Upper

94 100

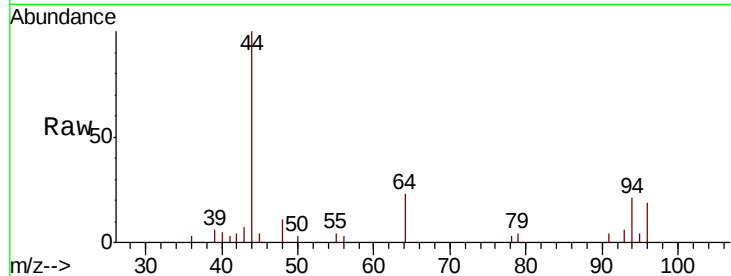
96 91.7 74.8 112.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

800

600

400

200

0

1.62

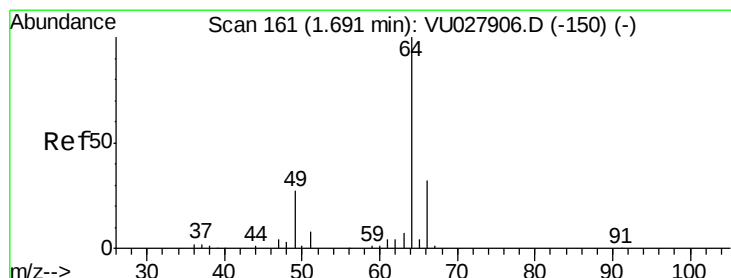
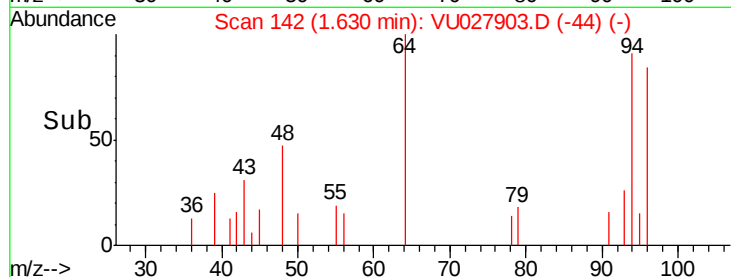
1.63

1.64

1.65

1.66

Time-->



#6

Chloroethane

Concen: 0.769 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU027903.D

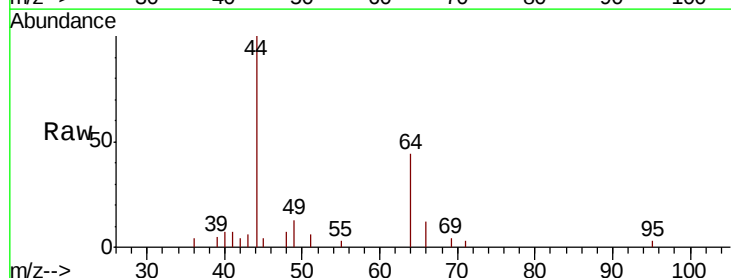
Acq: 01 Nov 2018 18:02

Tgt Ion: 64 Resp: 1353

Ion Ratio Lower Upper

64 100

66 43.1 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1500

1000

500

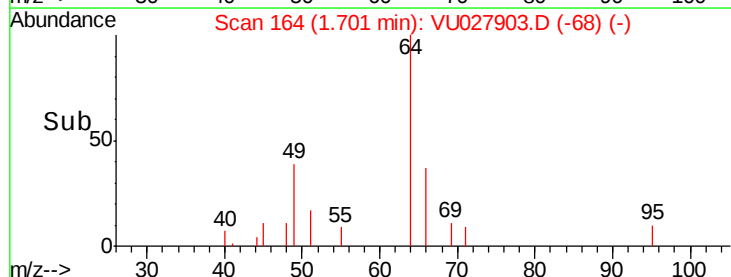
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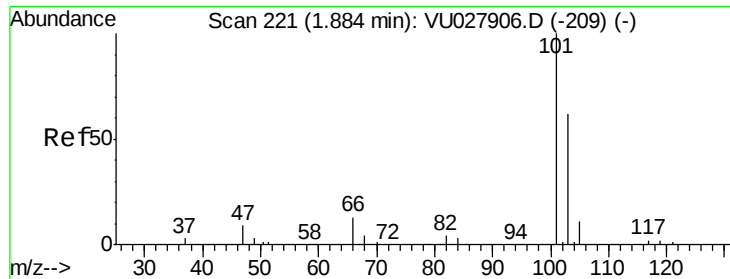
1.65

1.70

1.75

Time-->





#7

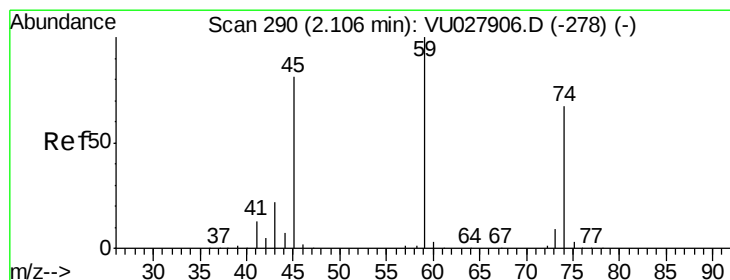
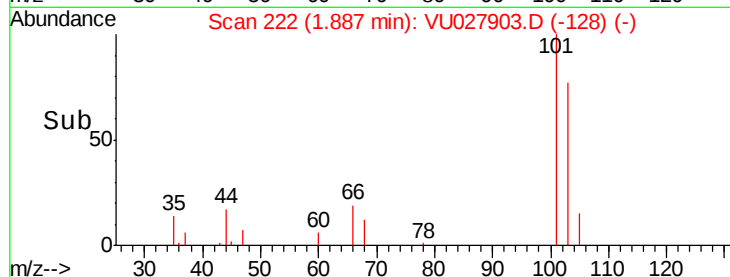
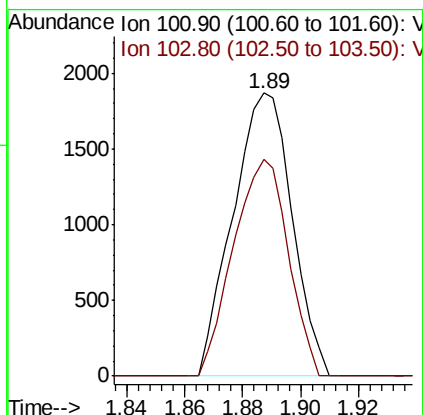
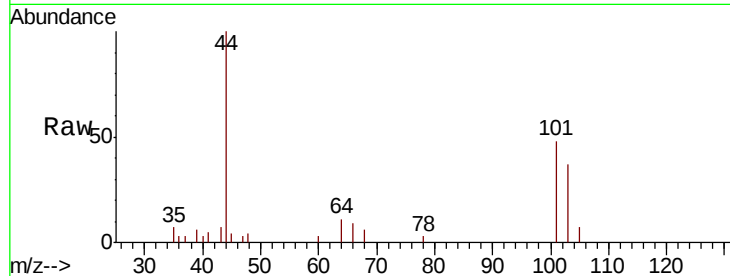
Trichlorofluoromethane
 Concen: 0.873 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	76.7	49.4	74.2#

Manual Integrations
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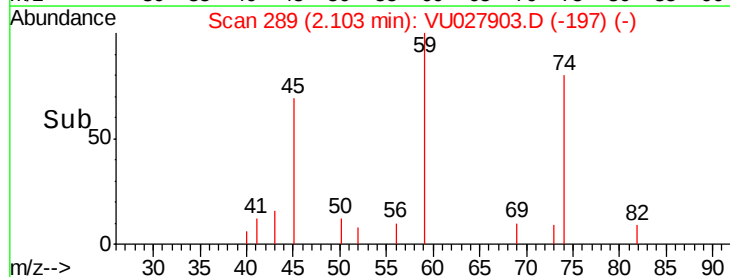
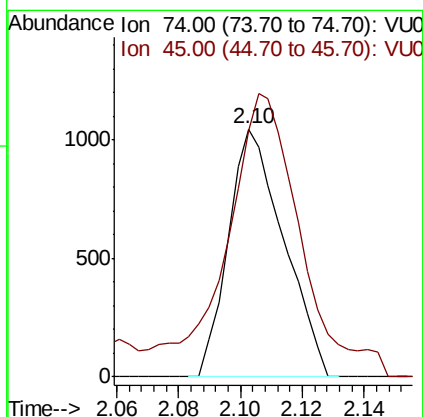
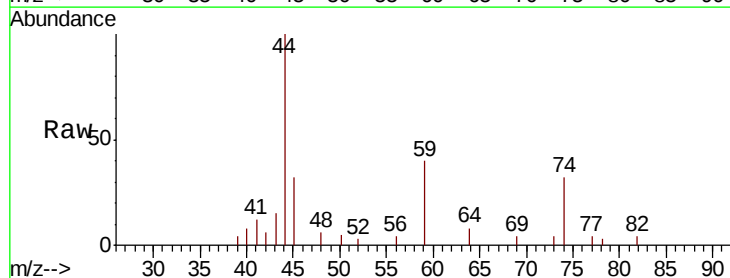
MMDadoda
 11/2/2018 9:01:45 AM

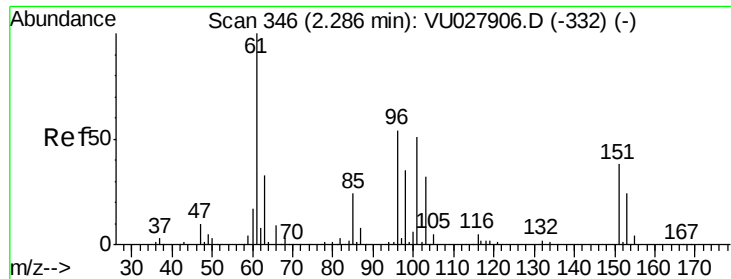


#8

Diethyl Ether
 Concen: 0.943 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	153.3	60.5	181.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.852 ug/l

RT: 2.29 min Scan# 348

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

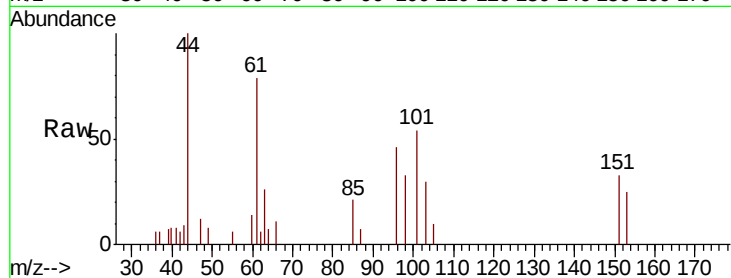
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	1504
Ion Ratio	Lower	Upper	
101	100		
85	46.5	36.9	55.3
151	86.9	58.0	87.0

Manual Integrations
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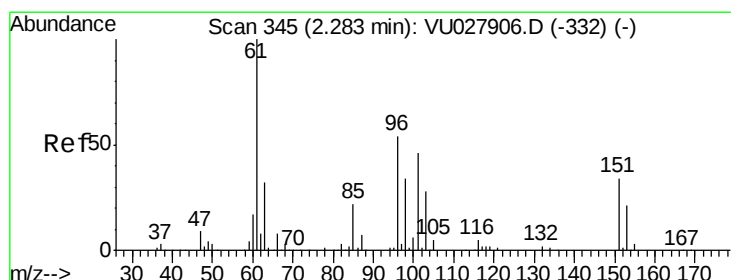
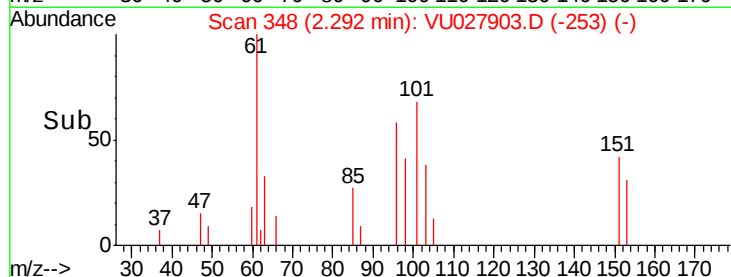


Abundance Ion 100.90 (100.60 to 101.60): VU027903.D (-253) (-)

Ion 84.90 (84.60 to 85.60): VU027903.D (-253) (-)

Ion 150.80 (150.50 to 151.50): VU027903.D (-253) (-)

Time-->



#12

1,1-Dichloroethene

Concen: 1.023 ug/l

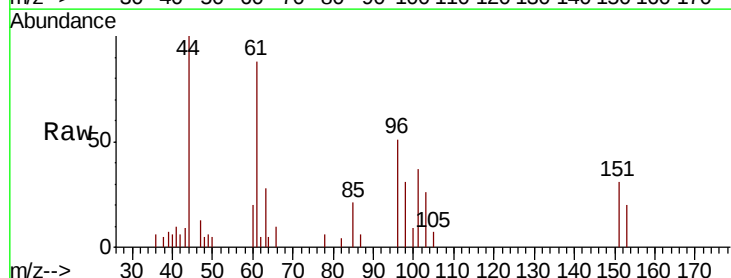
RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Tgt Ion:	96	Resp:	1765
Ion Ratio	Lower	Upper	
96	100		
61	171.0	149.3	223.9
98	60.4	50.6	75.8

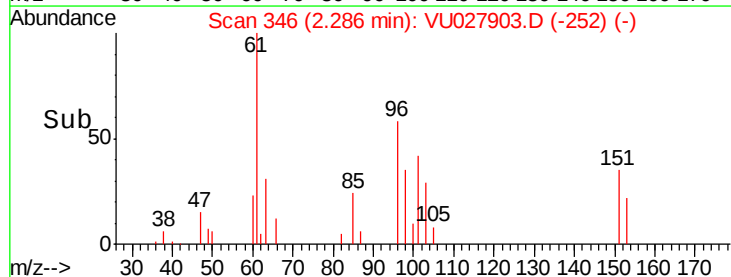


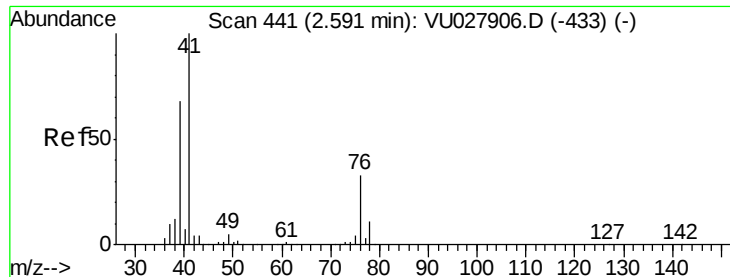
Abundance Ion 95.90 (95.60 to 96.60): VU027903.D (-252) (-)

Ion 60.90 (60.60 to 61.60): VU027903.D (-252) (-)

Ion 97.90 (97.60 to 98.60): VU027903.D (-252) (-)

Time-->





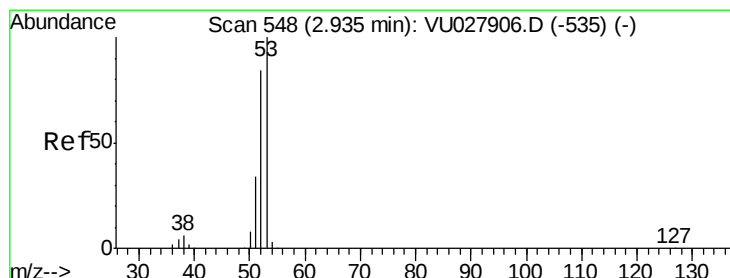
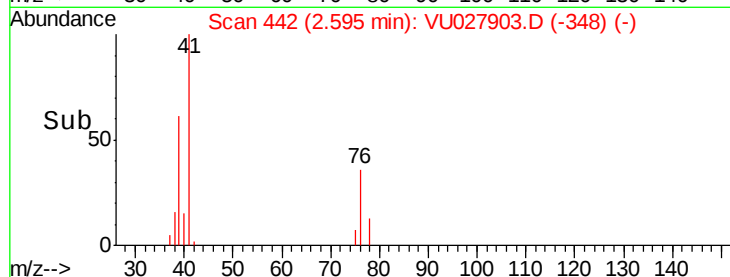
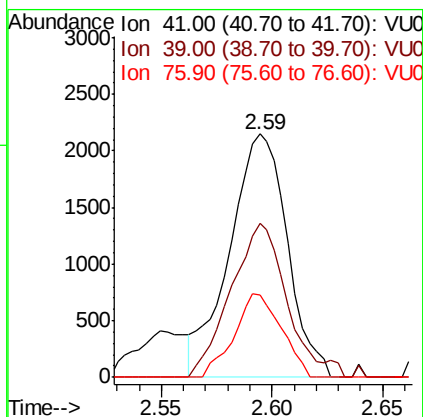
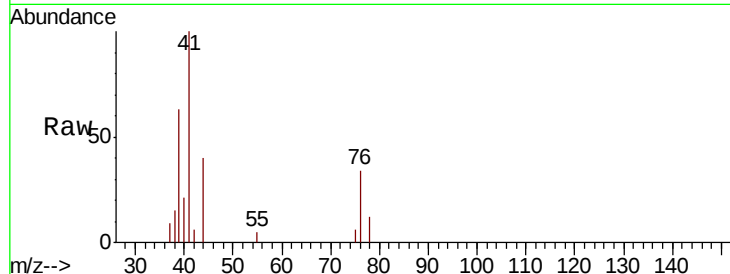
#14
Allvl chloride
Concen: 0.959 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion:	41	Resp:	3927
Ion	Ratio	Lower	Upper
41	100		
39	61.4	51.9	77.9
76	27.9	23.8	35.6

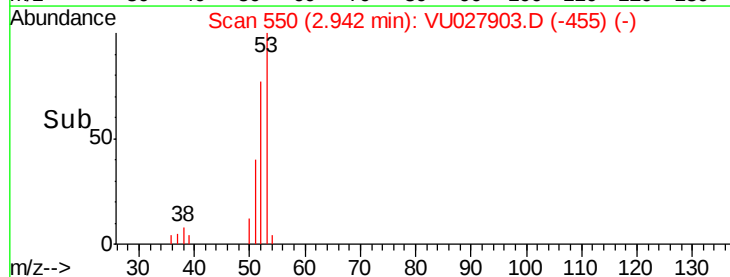
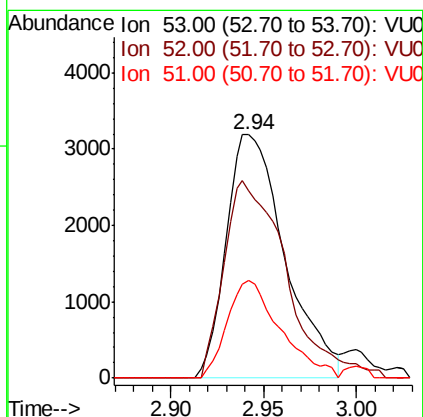
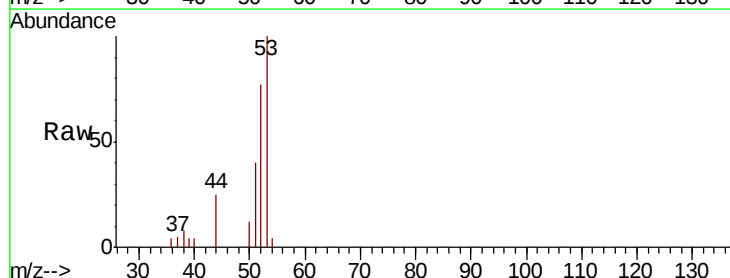
Manual Integrations
APPROVED

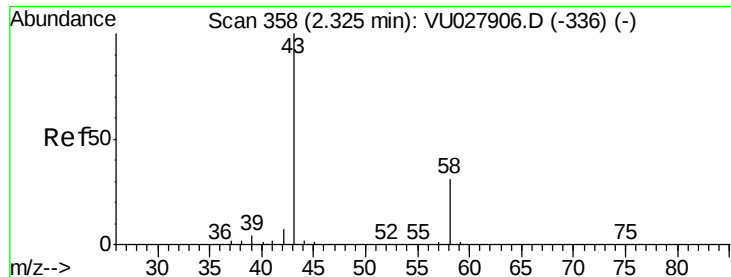
MMDadoda
11/2/2018 9:01:45 AM



#15
Acrylonitrile
Concen: 4.633 ug/l
RT: 2.94 min Scan# 550
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion:	53	Resp:	7055
Ion	Ratio	Lower	Upper
53	100		
52	86.2	66.2	99.2
51	36.0	27.0	40.4





#16

Acetone

Concen: 5.724 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 9112

Ion Ratio Lower Upper

43 100

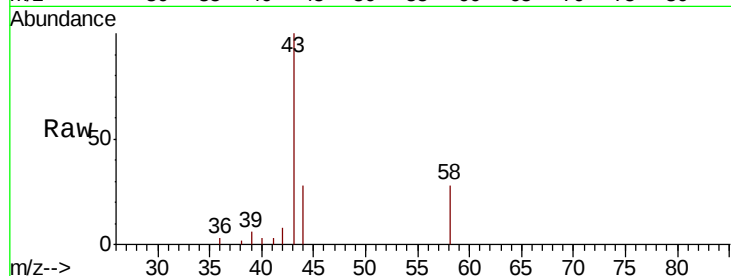
58 28.3 24.6 37.0

Manual Integrations

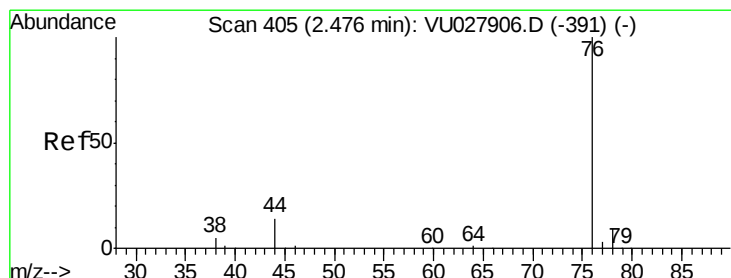
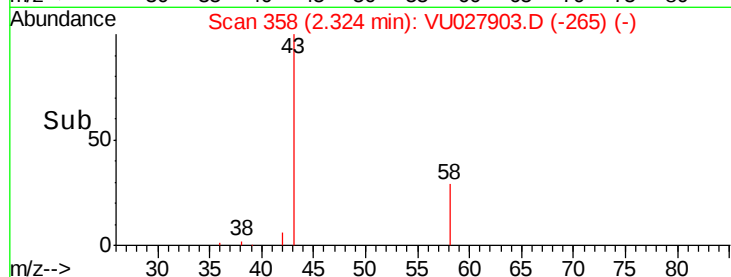
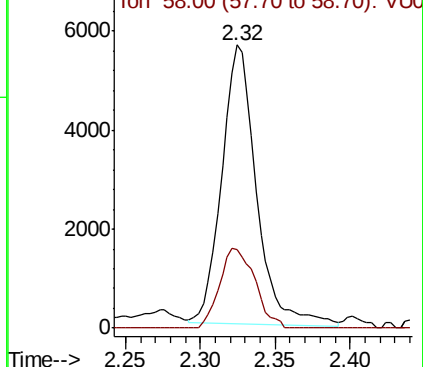
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11/2/2018 9:01:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VU027903.D (-265) (-)



#17

Carbon Disulfide

Concen: 0.881 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027903.D

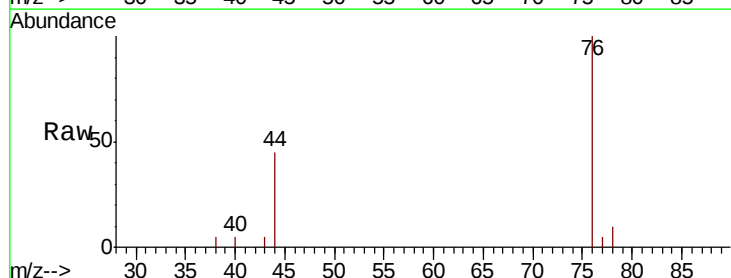
Acq: 01 Nov 2018 18:02

Tgt Ion: 76 Resp: 5432

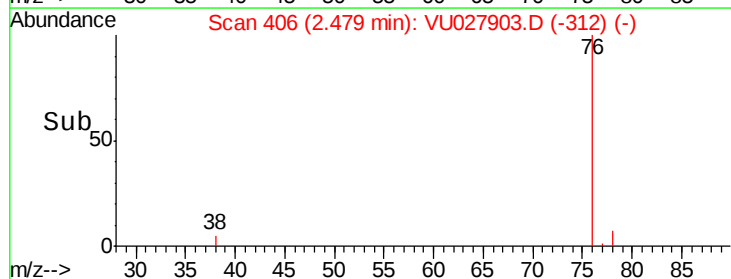
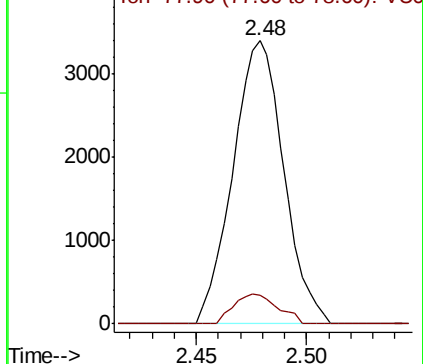
Ion Ratio Lower Upper

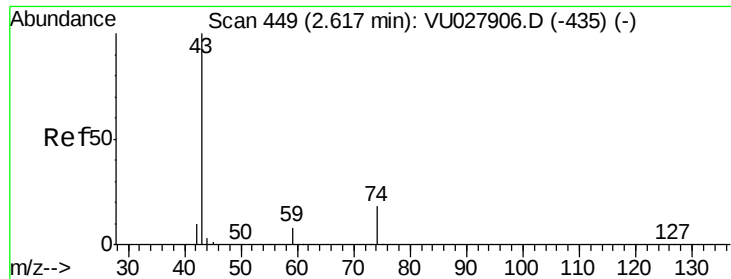
76 100

78 10.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VU027903.D (-312) (-)





#18

Methyl Acetate

Concen: 1.261 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 4757

Ion Ratio Lower Upper

43 100

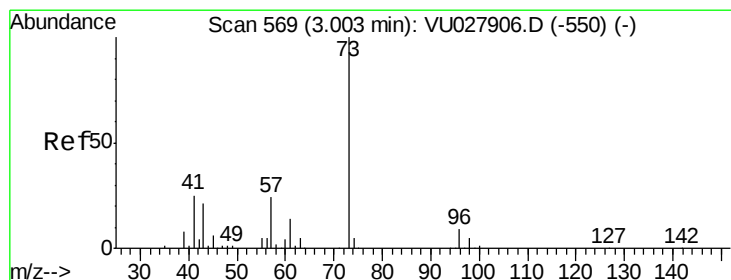
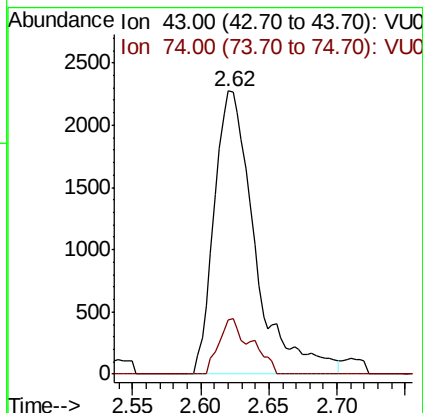
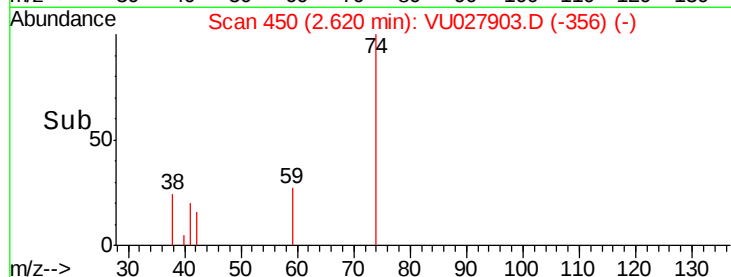
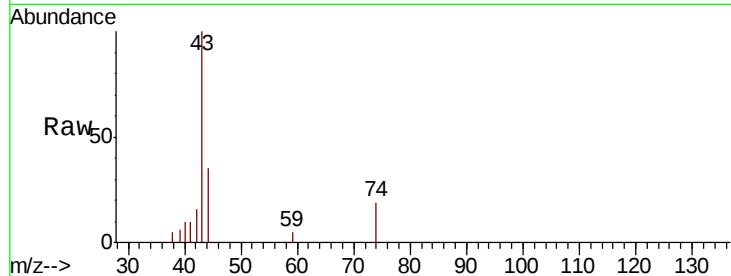
74 15.4 14.9 22.3

Manual Integrations

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#19

Methyl tert-butyl Ether

Concen: 0.962 ug/l

RT: 3.00 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU027903.D

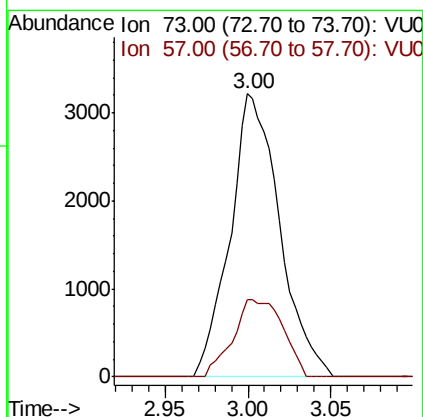
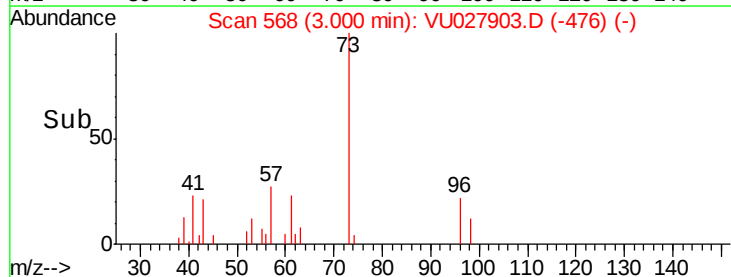
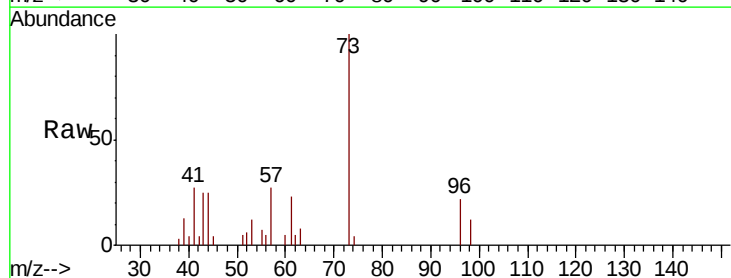
Acq: 01 Nov 2018 18:02

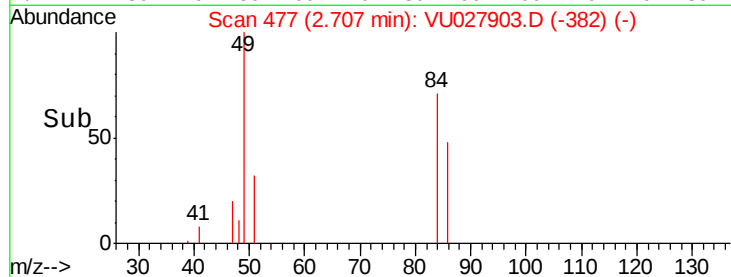
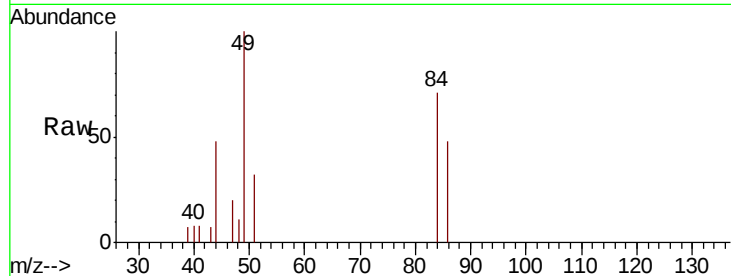
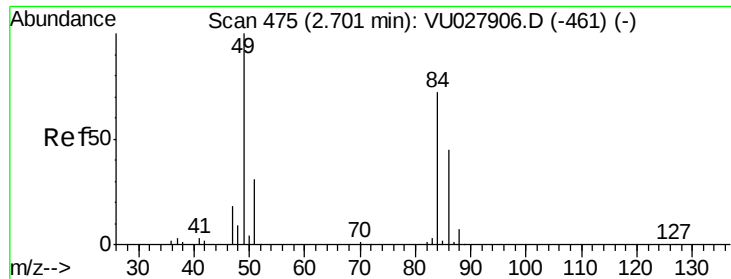
Tgt Ion: 73 Resp: 6679

Ion Ratio Lower Upper

73 100

57 27.2 19.3 28.9





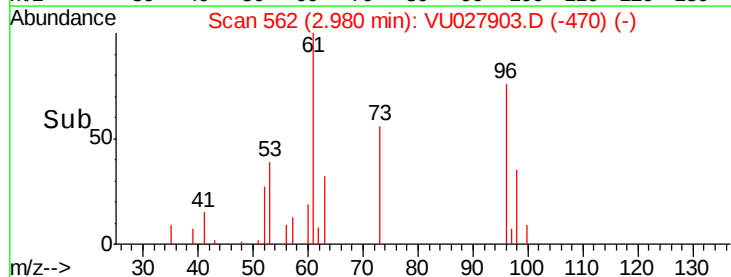
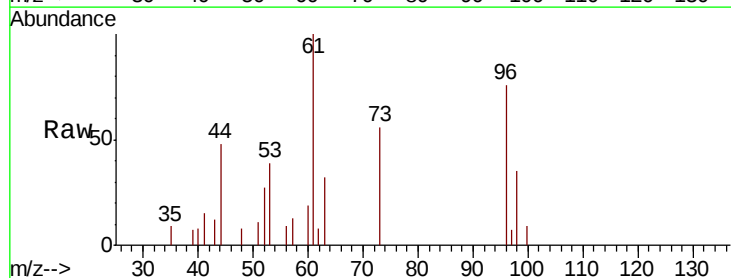
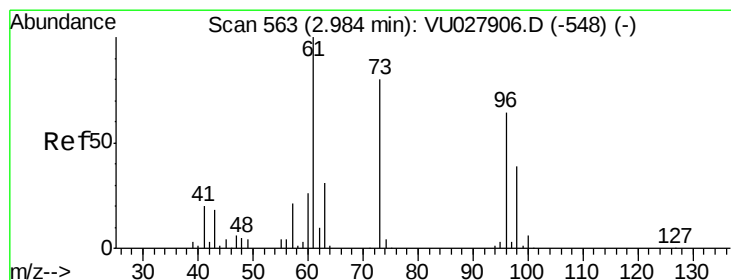
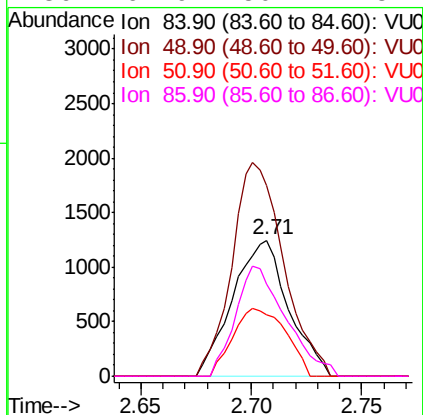
#20
Methvlene Chloride
Concen: 0.970 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tot Ion:	84	Resp:	2186
Ion	Ratio	Lower	Upper
84	100		
49	140.5	111.6	167.4
51	45.3	34.8	52.2
86	67.9	50.1	75.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

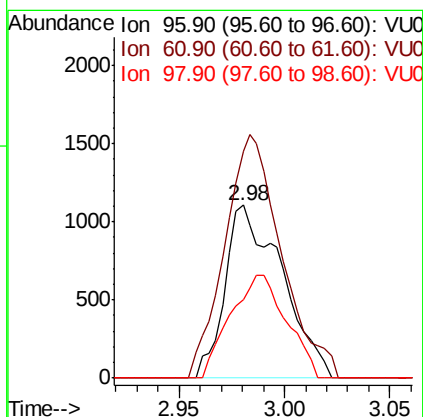
Manual Integrations
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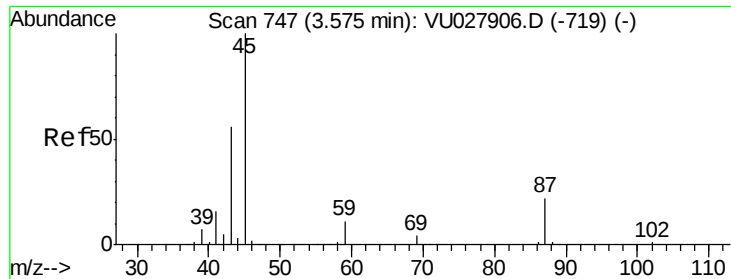
MMDadoda
11/2/2018 9:01:45 AM



#21
trans-1,2-Dichloroethene
Concen: 1.063 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion:	96	Resp:	2075
Ion	Ratio	Lower	Upper
96	100		
61	130.9	125.0	187.6
98	45.6	48.2	72.4#





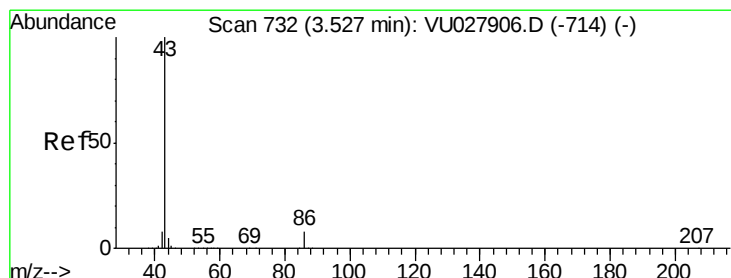
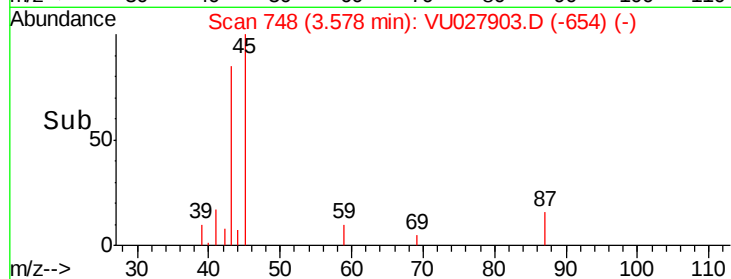
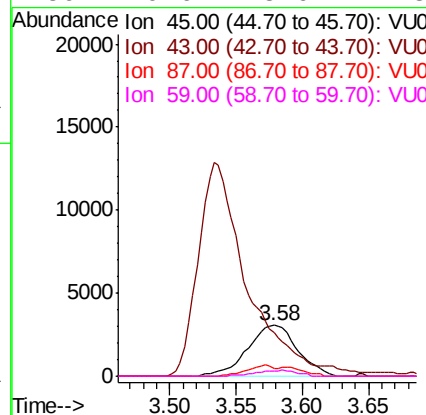
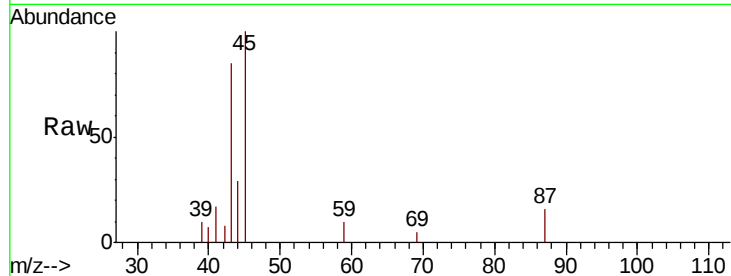
#22
Diisopropyl ether
Concen: 0.965 ug/l
RT: 3.58 min Scan# 748
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion:	45	Resp:	8106
Ion Ratio	Lower	Upper	
45	100		
43	71.2	45.0	67.6#
87	15.7	17.9	26.9#
59	9.6	8.6	12.8

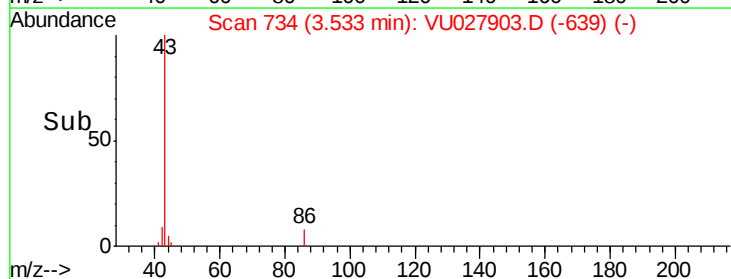
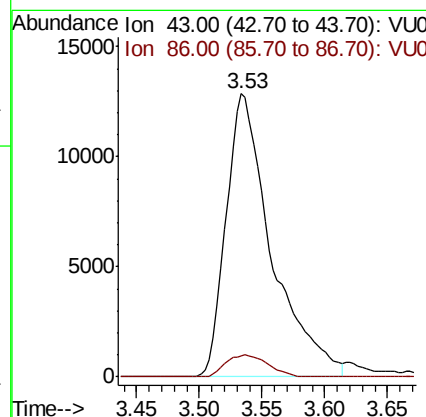
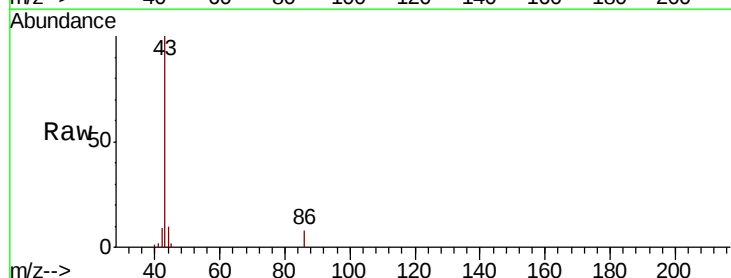
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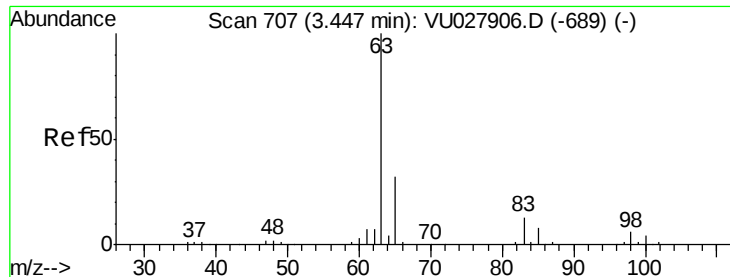
MMDadoda
11/2/2018 9:01:45 AM



#23
Vinyl Acetate
Concen: 4.427 ug/l
RT: 3.53 min Scan# 734
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion:	43	Resp:	32475
Ion Ratio	Lower	Upper	
43	100		
86	7.6	6.6	9.8





#24

1,1-Dichloroethane

Concen: 1.015 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

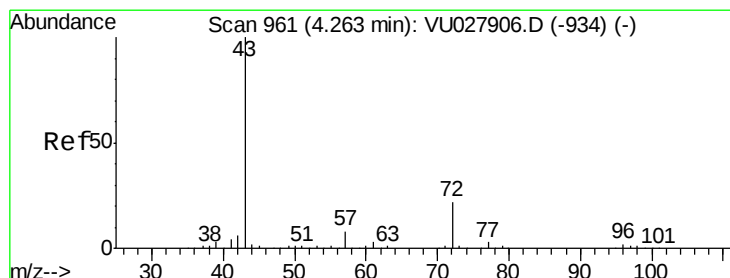
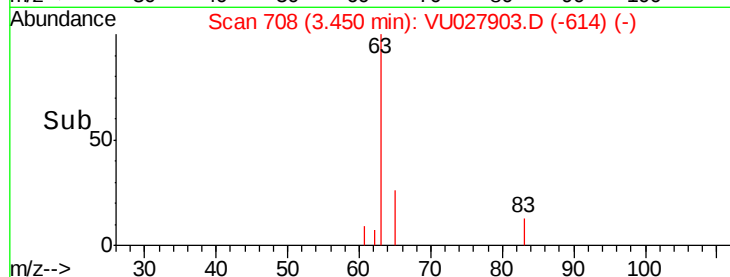
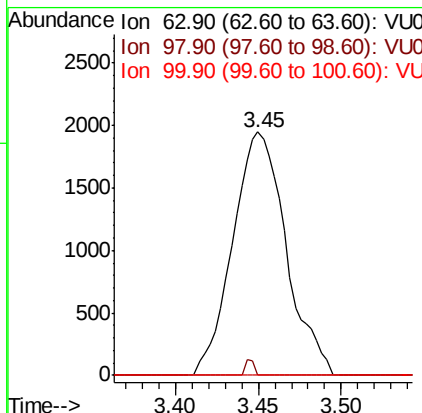
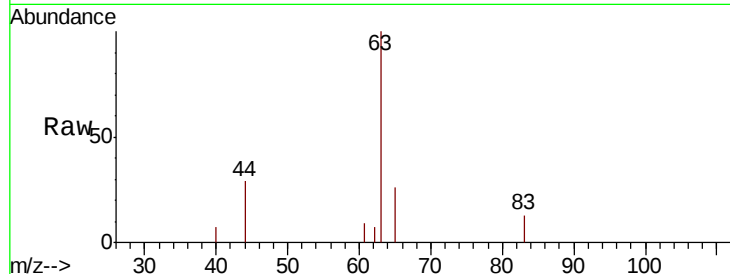
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	4353
Ion Ratio	Lower	Upper	
63	100		
98	0.0	2.9	8.6#
100	0.0	2.0	6.0#

Manual Integrations
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MMDadoda
11/2/2018 9:01:45 AM



#25

2-Butanone

Concen: 4.916 ug/l

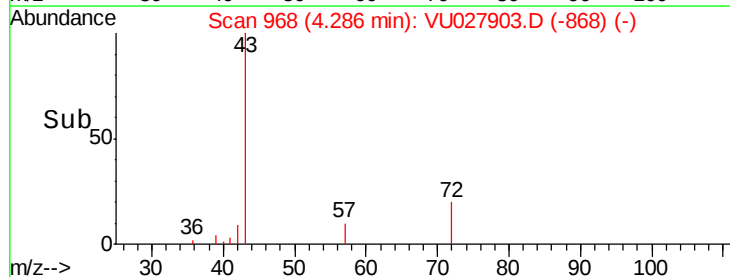
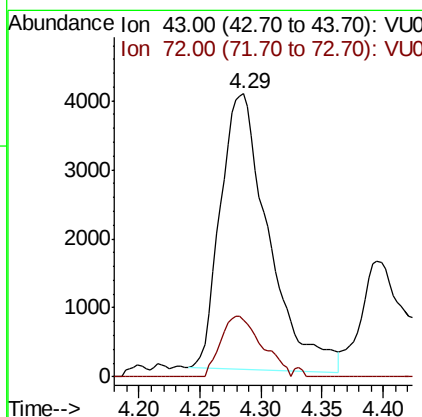
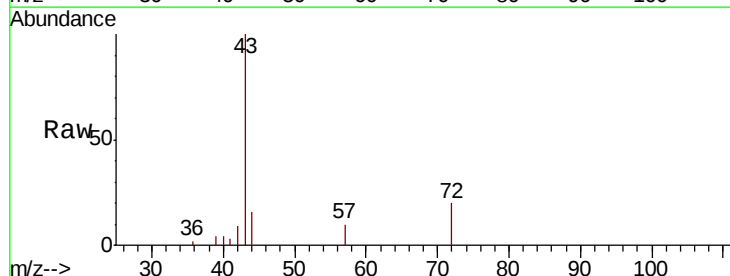
RT: 4.29 min Scan# 968

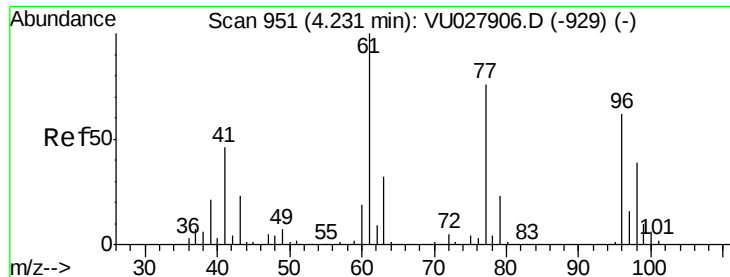
Delta R.T. 0.02 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Tgt Ion:	43	Resp:	11022
Ion Ratio	Lower	Upper	
43	100		
72	20.6	17.7	26.5





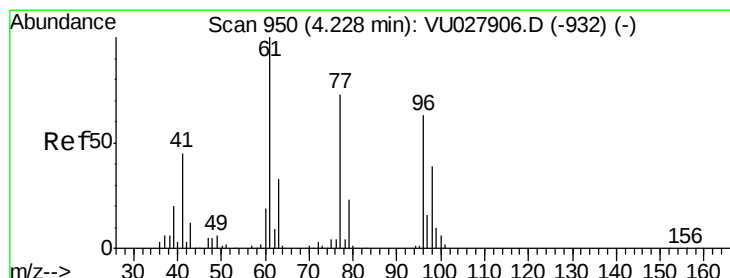
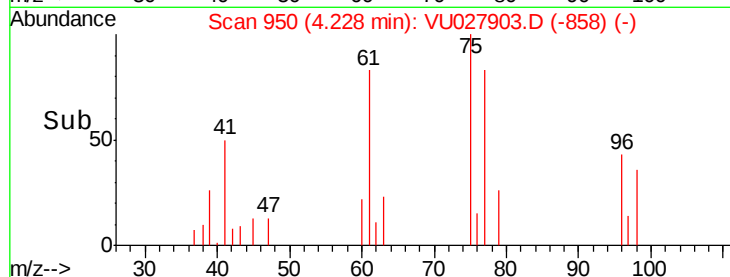
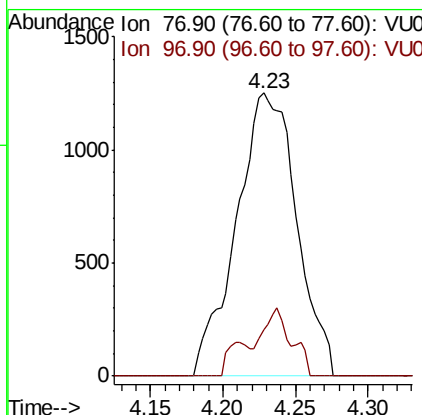
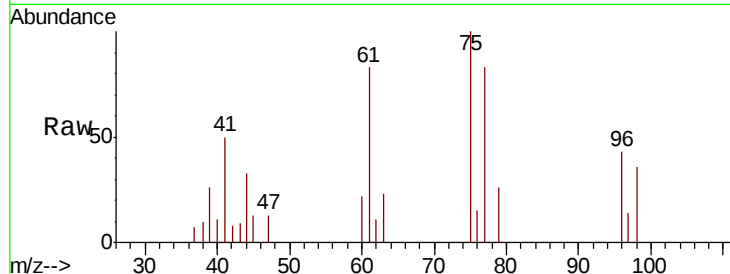
#26
 2,2-Dichloropropane
 Concen: 1.043 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC001

Tot Ion: 77 Resp: 3619
 Ion Ratio Lower Upper
 77 100
 97 11.9 11.2 33.5

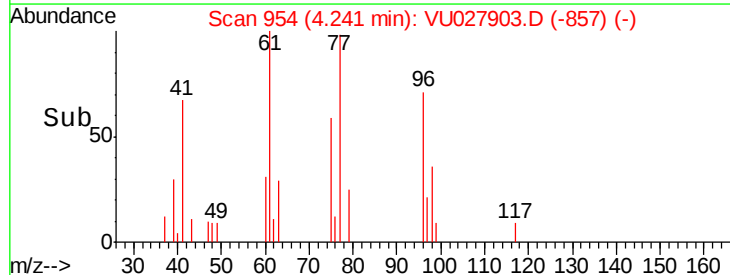
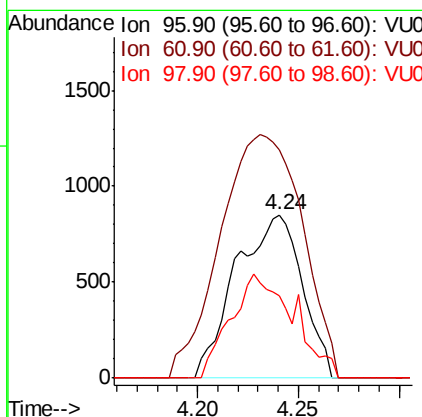
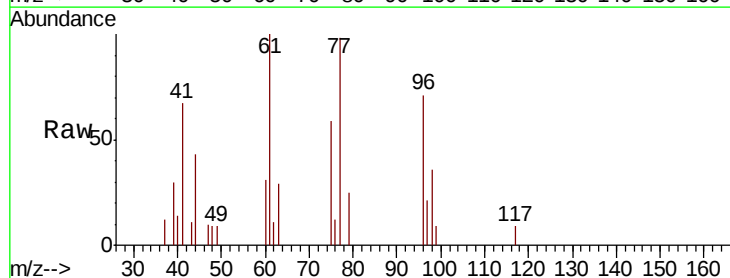
Manual Integrations
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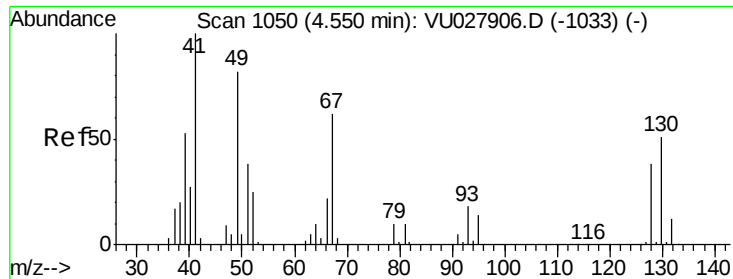
MMDadoda
 11/2/2018 9:01:45 AM



#27
 cis-1,2-Dichloroethene
 Concen: 0.871 ug/l
 RT: 4.24 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion: 96 Resp: 1951
 Ion Ratio Lower Upper
 96 100
 61 183.8 0.0 329.6
 98 60.5 0.0 127.2





#28

Bromochloromethane

Concen: 0.845 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampled :

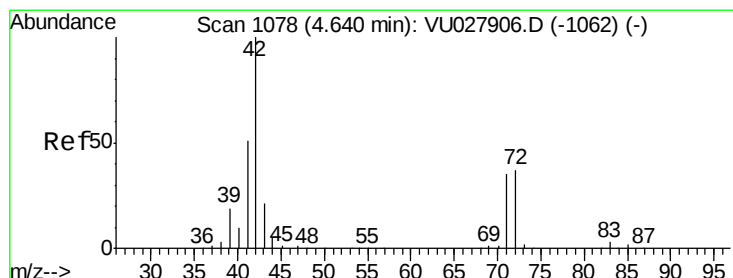
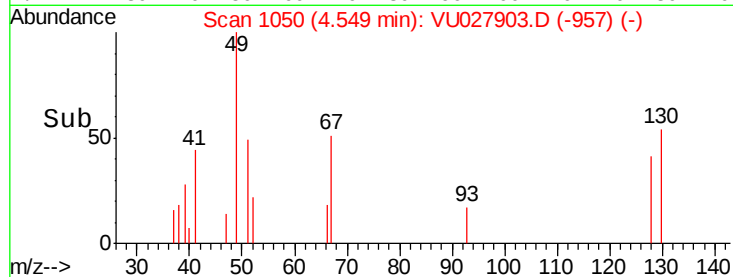
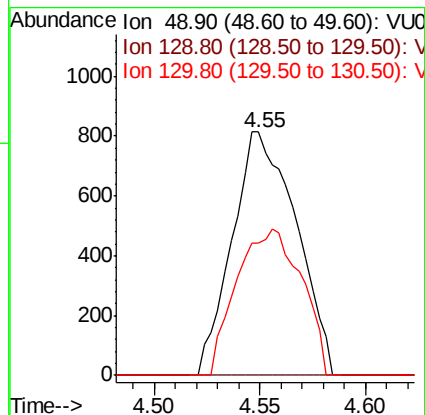
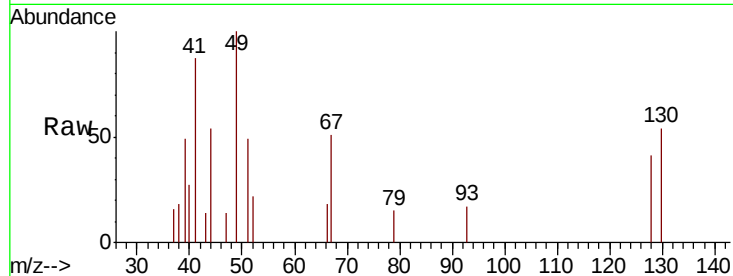
VSTDIC001

Tot Ion: 49 Resp: 1719

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.0
130	60.9	47.8	71.6

Manual Integrations
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MMDadoda
11/2/2018 9:01:45 AM



#29

Tetrahydrofuran

Concen: 5.705 ug/l

RT: 4.65 min Scan# 1082

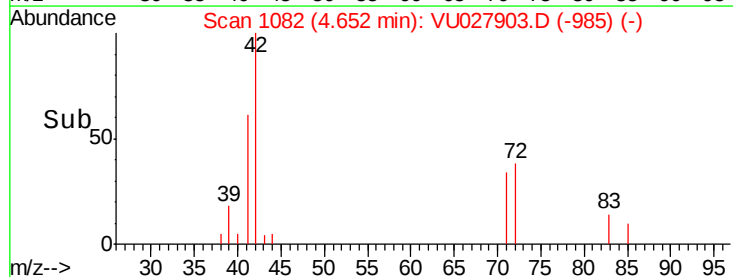
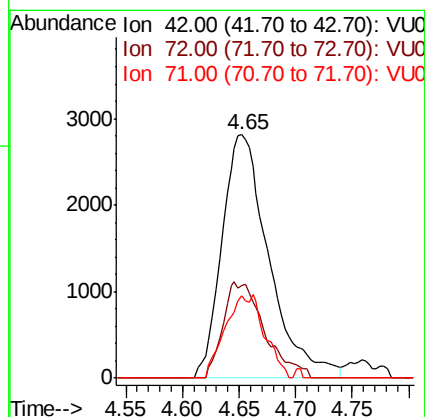
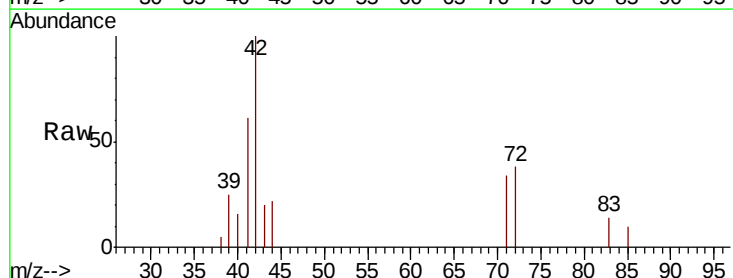
Delta R.T. 0.01 min

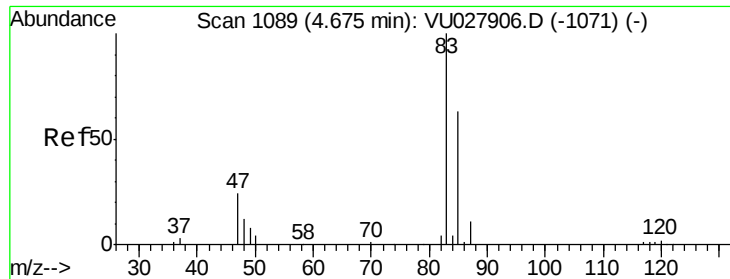
Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Tgt Ion: 42 Resp: 8128

Ion	Ratio	Lower	Upper
42	100		
72	34.9	29.4	44.0
71	17.7	27.9	41.9#





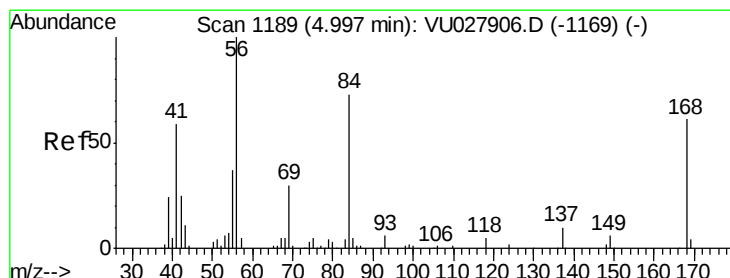
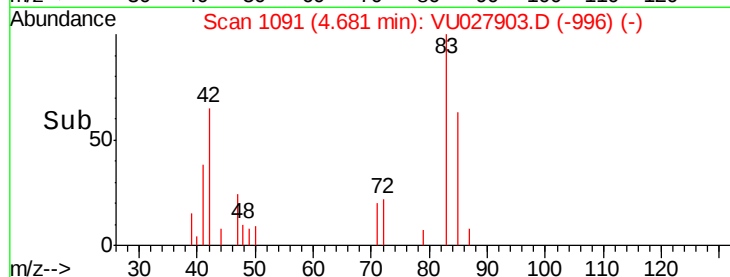
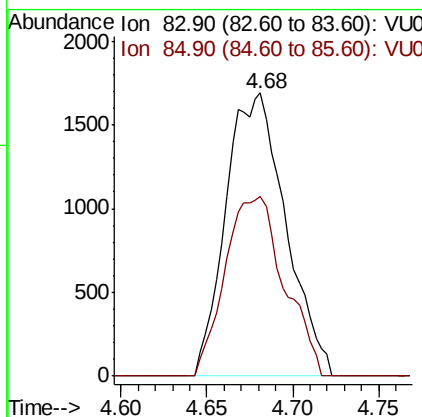
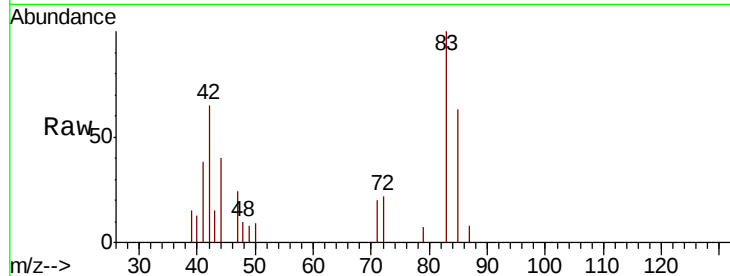
#30
Chloroform
Concen: 1.067 ug/l
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 4081
Ion Ratio Lower Upper
83 100
85 63.4 50.6 76.0

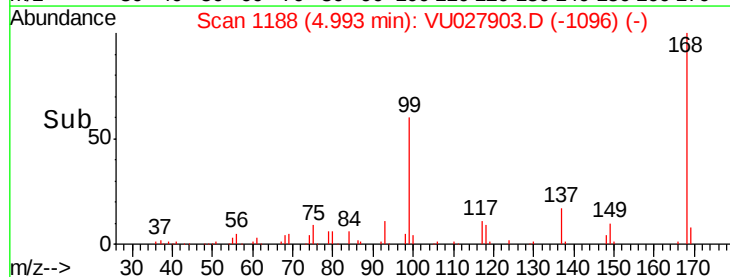
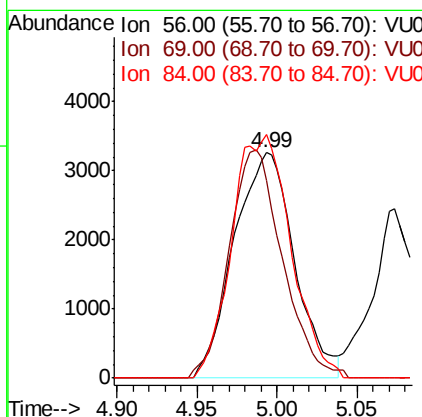
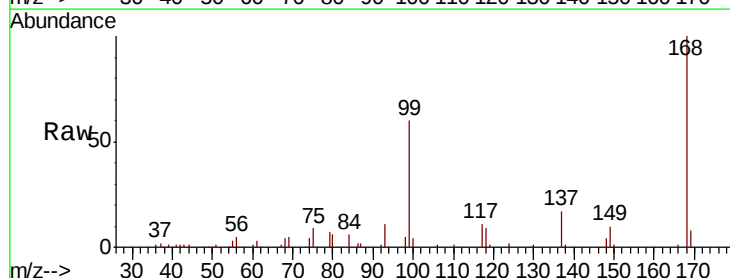
Manual Integrations
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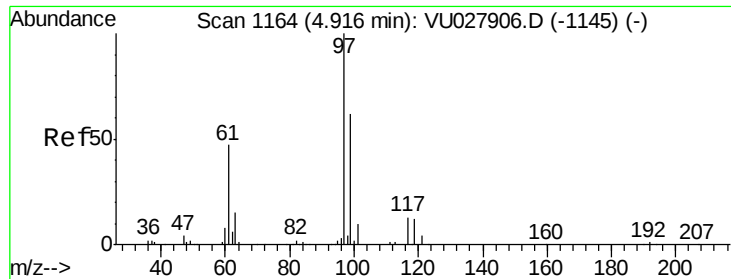
MMDadoda
11/2/2018 9:01:45 AM



#31
Cyclohexane
Concen: 1.691 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 56 Resp: 8456
Ion Ratio Lower Upper
56 100
69 87.7 23.7 35.5#
84 107.9 58.2 87.4#





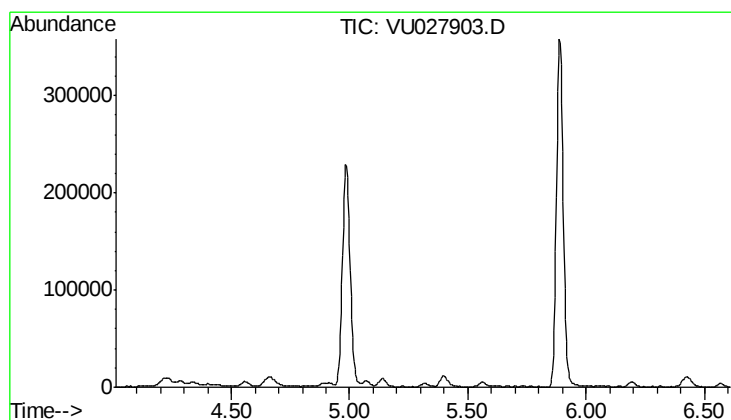
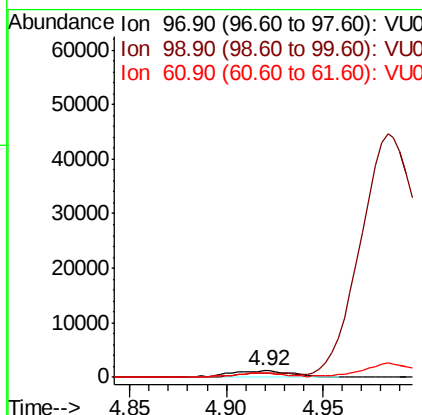
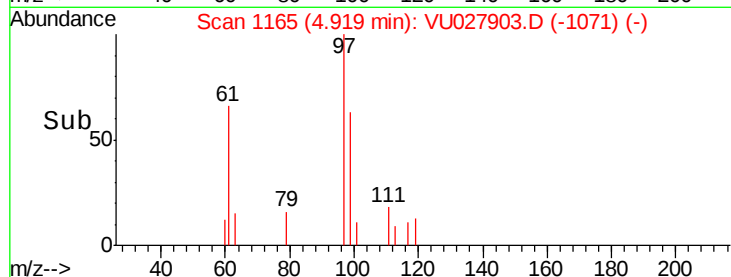
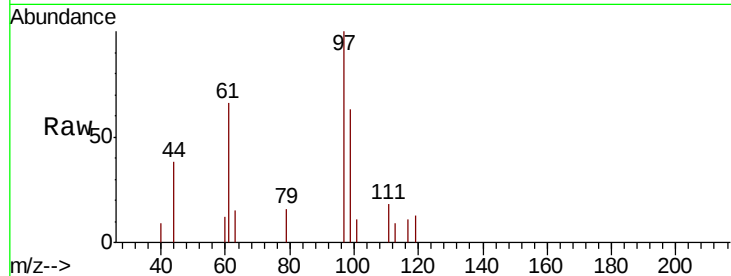
#32
 1,1,1-Trichloroethane
 Concen: 0.834 ug/l
 RT: 4.92 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	50.5	75.7#	
61	54.2	38.3	57.5	

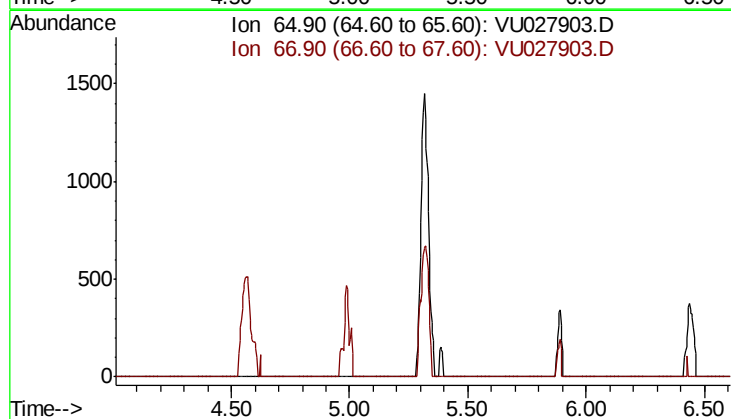
Manual Integrations
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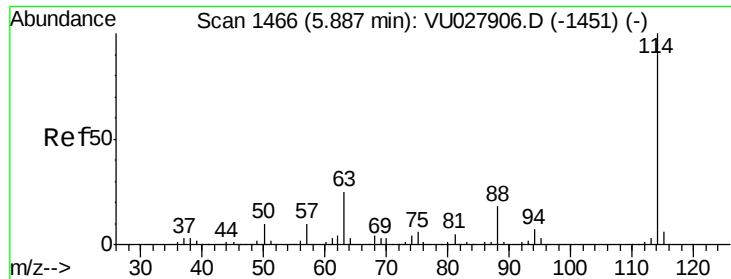
MMDadoda
 11/2/2018 9:01:45 AM



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 5.31 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion	Sig	Exp Ratio
65	100	
67	54.5	





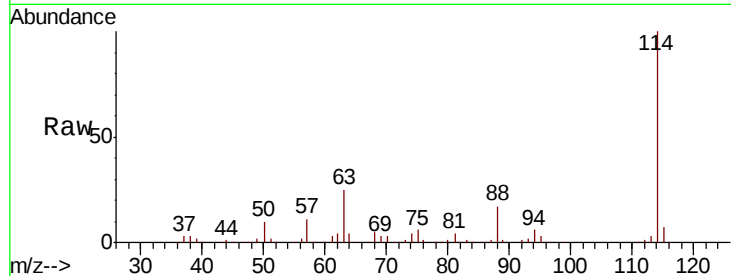
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	25.0	0.0	50.8
88	16.6	0.0	35.8

Manual Integrations
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MMDadoda
 11/2/2018 9:01:45 AM

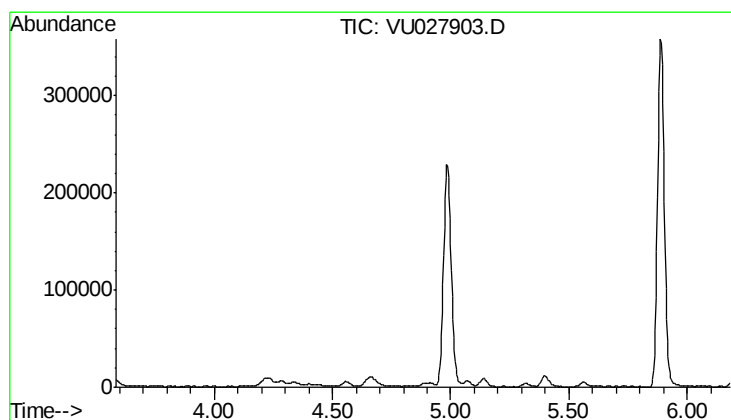
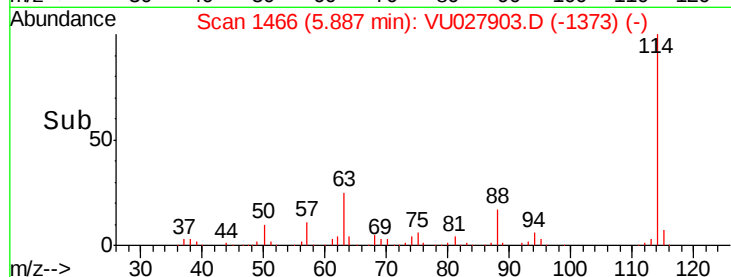
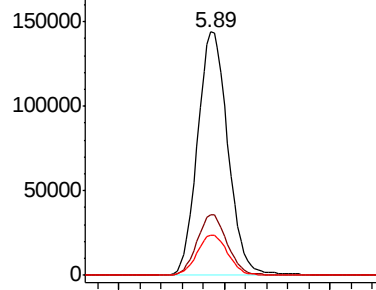


Abundance

Ion 113.90 (113.60 to 114.60): VU027903.D

Ion 63.00 (62.70 to 63.70): VU027903.D

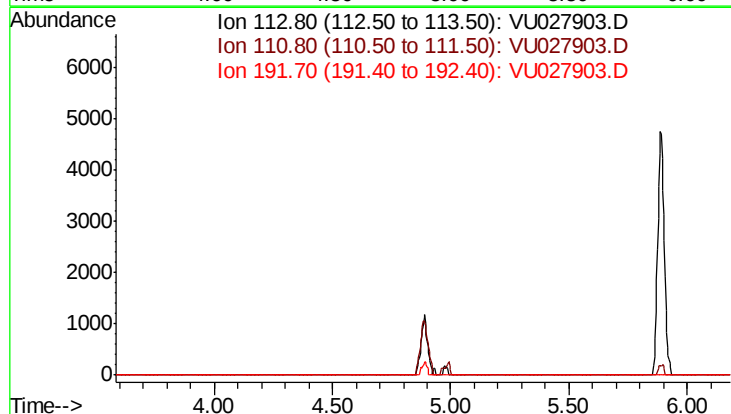
Ion 87.90 (87.60 to 88.60): VU027903.D

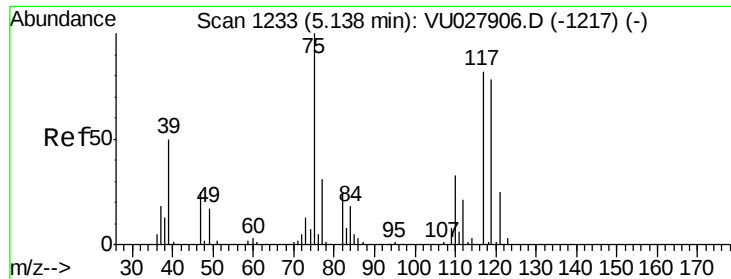


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.88 min

Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion	Exp Ratio
113	100
111	103.8
192	19.5





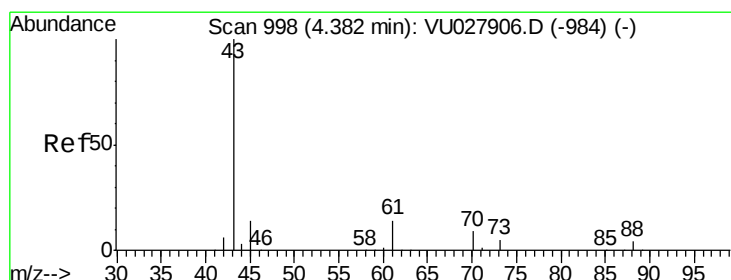
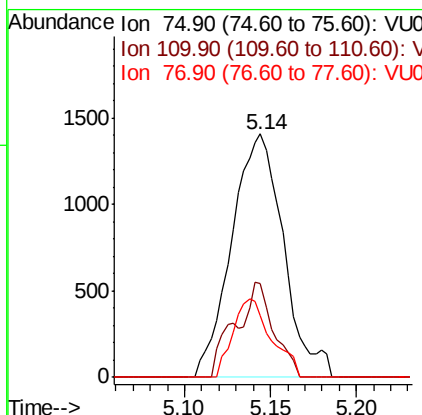
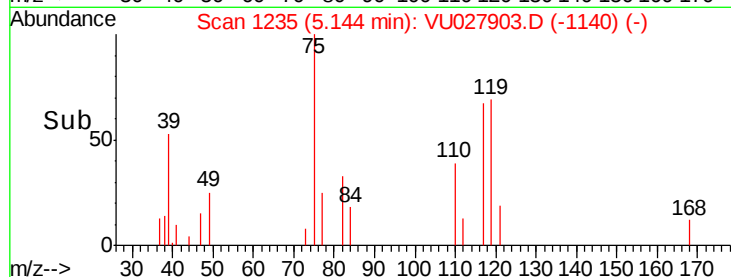
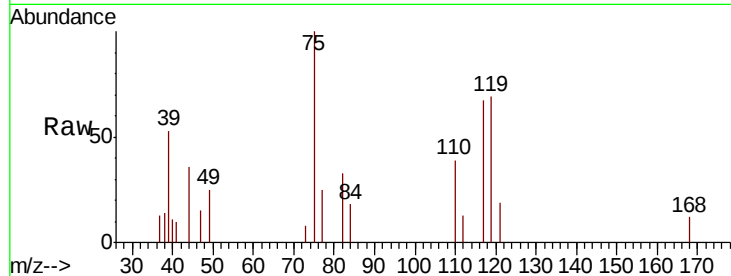
#36
 1,1-Dichloropropene
 Concen: 0.955 ug/l
 RT: 5.14 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	29.0	16.5	49.5
77	23.8	24.9	37.3#

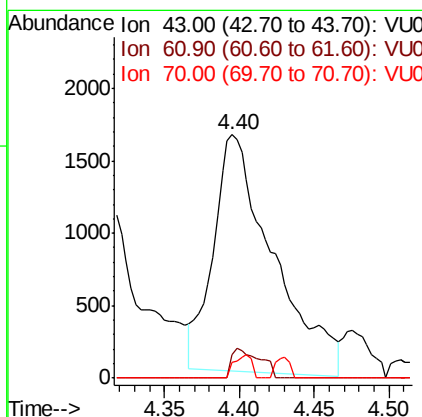
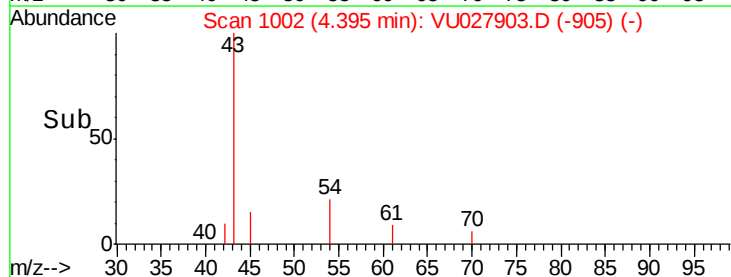
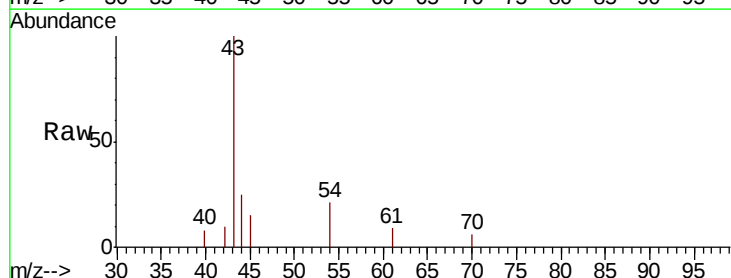
Manual Integrations
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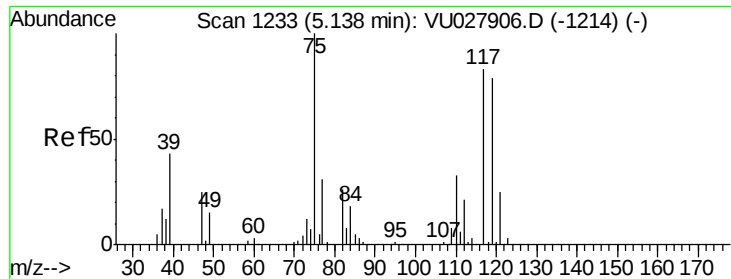
MMDadoda
 11/2/2018 9:01:45 AM



#37
 Ethyl Acetate
 Concen: 1.104 ug/l
 RT: 4.40 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	5.8	10.3	15.5#
70	2.8	7.0	10.6#





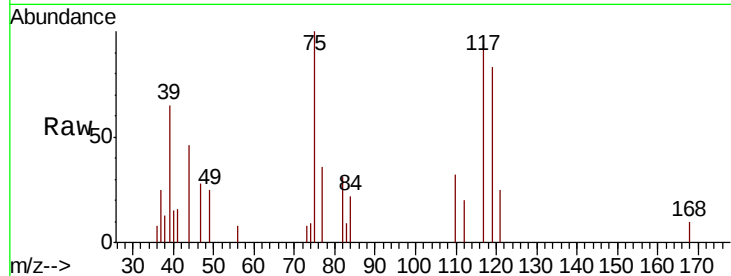
#38
Carbon Tetrachloride
Concen: 0.931 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	88.6	76.0	114.0
121	26.7	24.5	36.7

Manual Integrations
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MMDadoda
11/2/2018 9:01:45 AM

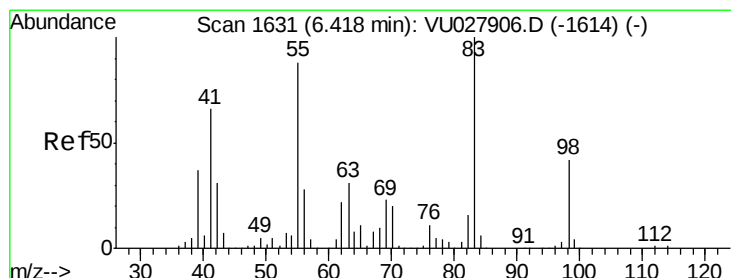
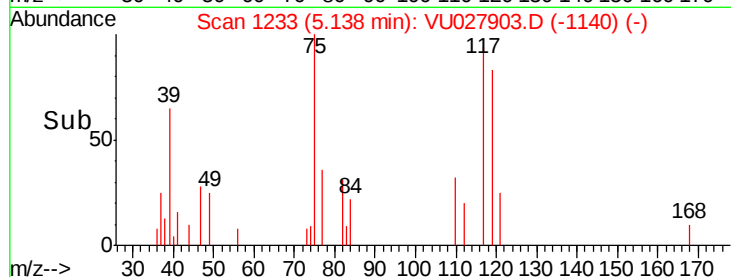
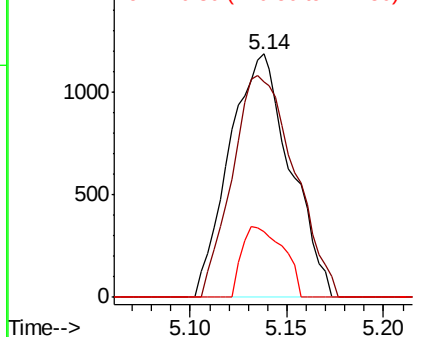


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39
Methylcyclohexane
Concen: 0.933 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

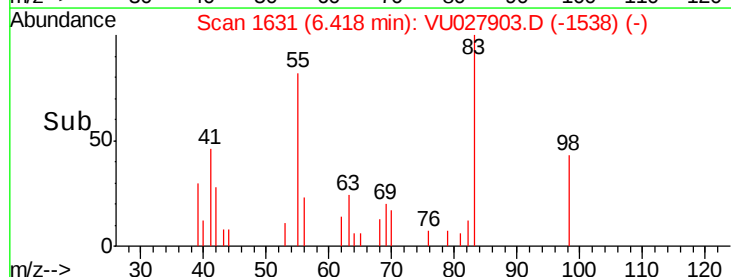
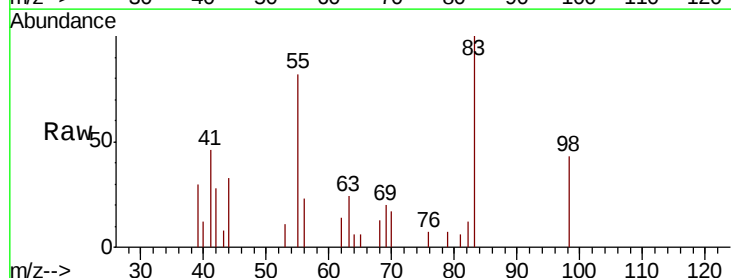
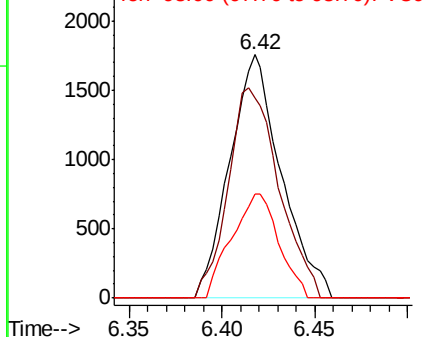
Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.3	70.3	105.5
98	42.5	34.0	51.0

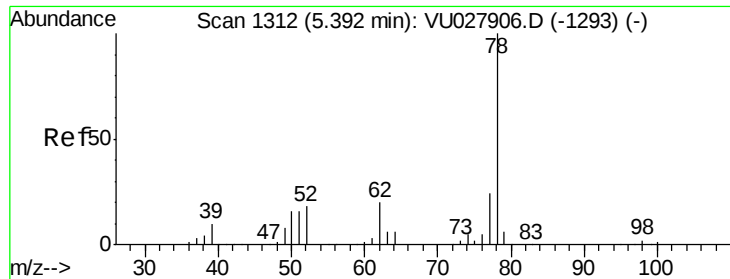
Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 0.914 ug/l

RT: 5.40 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 8362

Ion Ratio Lower Upper

78 100

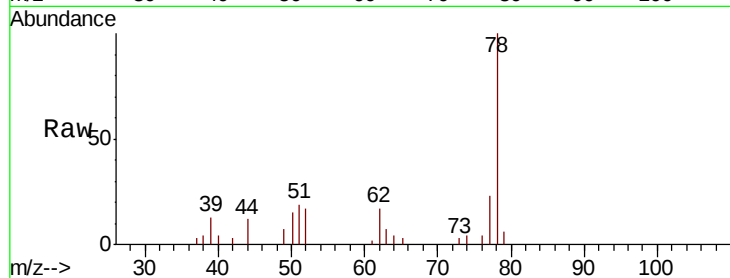
77 22.7 19.3 28.9

Manual Integrations

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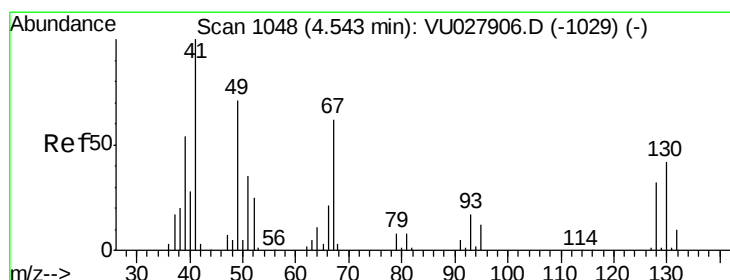
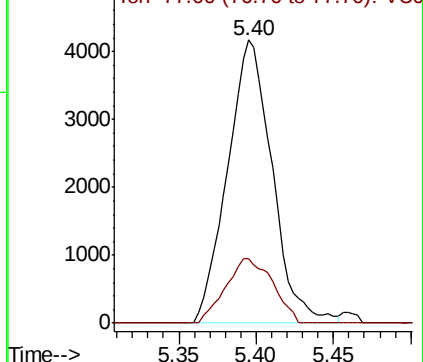
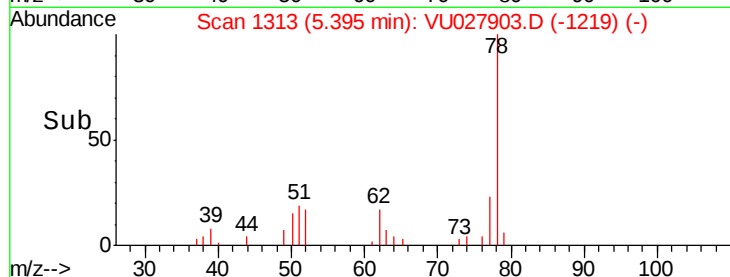
MMDadoda

11/2/2018 9:01:45 AM



Abundance Ion 78.00 (77.70 to 78.70): VU027903.D (-1219) (-)

Ion 77.00 (76.70 to 77.70): VU027903.D (-1219) (-)



#41

Methacrylonitrile

Concen: 0.800 ug/l

RT: 4.56 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Tgt Ion: 41 Resp: 1852

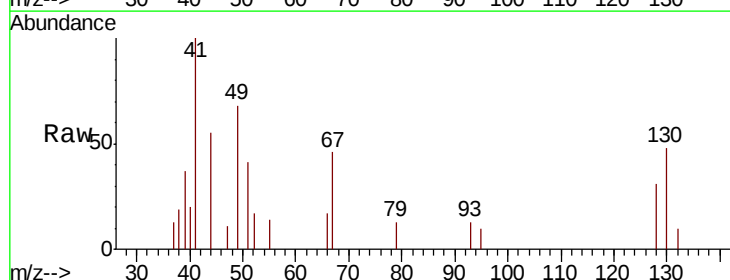
Ion Ratio Lower Upper

41 100

39 30.3 42.2 63.4#

67 76.7 49.5 74.3#

52 20.6 20.5 30.7

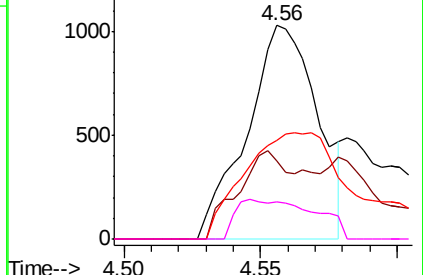
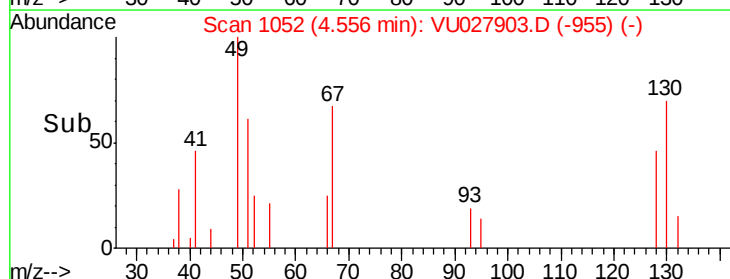


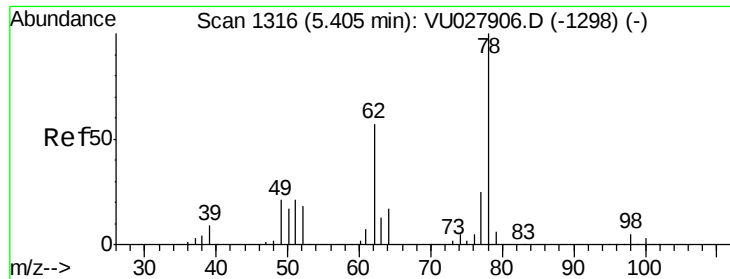
Abundance Ion 41.00 (40.70 to 41.70): VU027903.D (-955) (-)

Ion 39.00 (38.70 to 39.70): VU027903.D (-955) (-)

Ion 67.00 (66.70 to 67.70): VU027903.D (-955) (-)

Ion 52.00 (51.70 to 52.70): VU027903.D (-955) (-)





#42

1,2-Dichloroethane

Concen: 0.964 ug/l

RT: 5.42 min Scan# 1320

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 3235

Ion Ratio Lower Upper

62 100

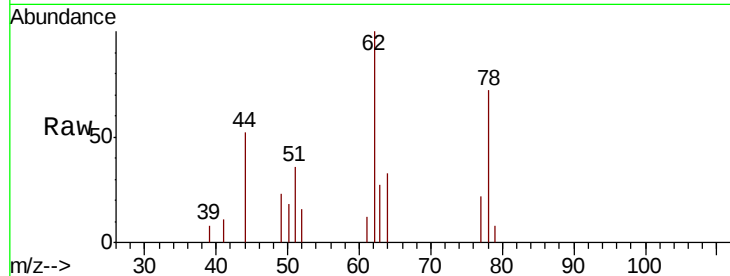
98 0.0 0.0 17.2

Manual Integrations

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Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

1500

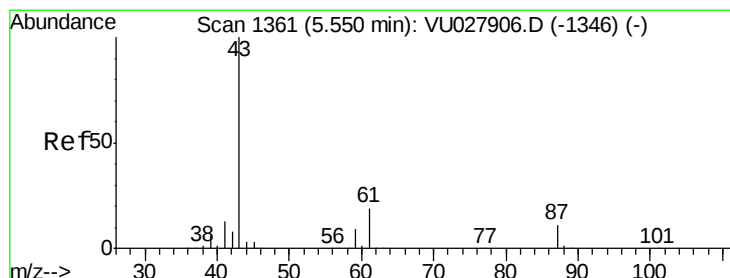
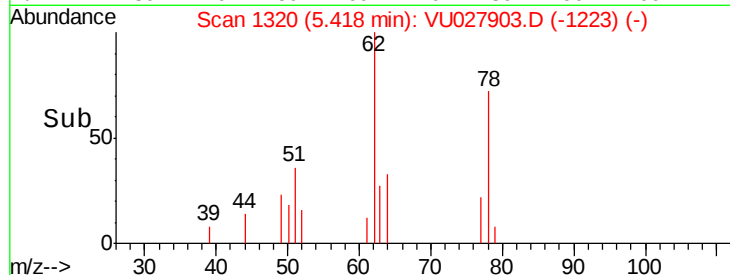
1000

500

0

5.35 5.40 5.45

Time-->



#43

Isopropyl Acetate

Concen: 1.038 ug/l

RT: 5.56 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

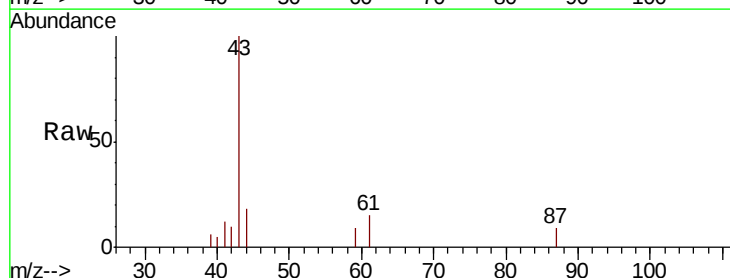
Tgt Ion: 43 Resp: 6604

Ion Ratio Lower Upper

43 100

61 12.4 15.0 22.4#

87 6.2 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

3000

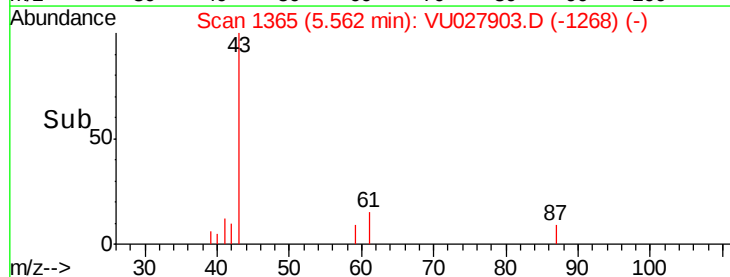
2000

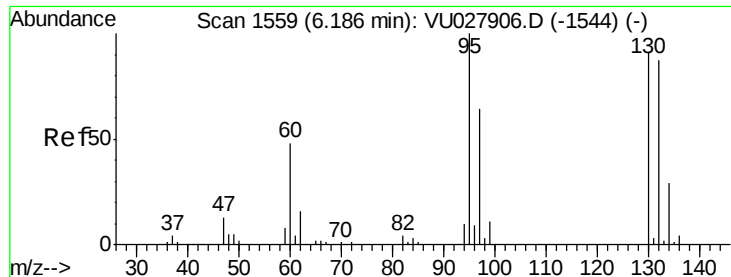
1000

0

5.50 5.55 5.60 5.65

Time-->





#44

Trichloroethene

Concen: 0.919 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampled :

VSTDIC001

Tot Ion:130 Resp: 1859

Ion Ratio Lower Upper

130 100

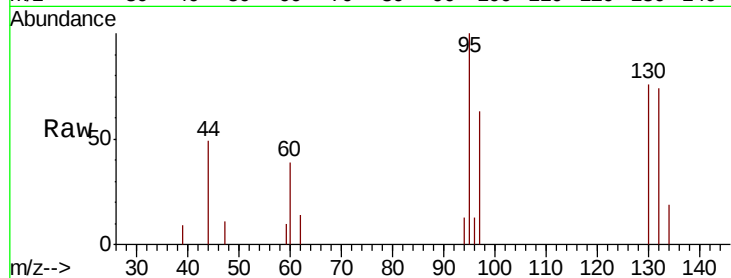
95 131.4 0.0 219.2

Manual Integrations

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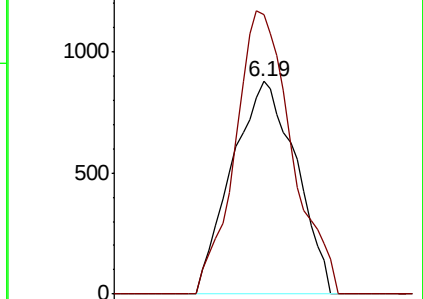
MMDadoda

11/2/2018 9:01:45 AM

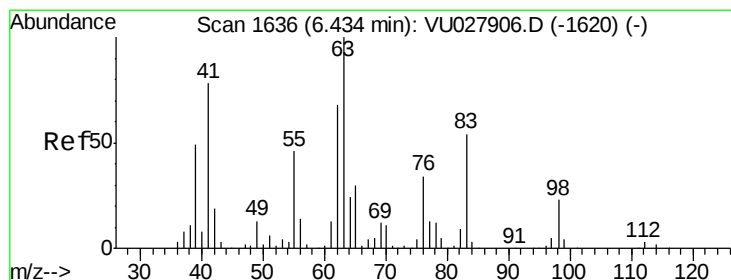
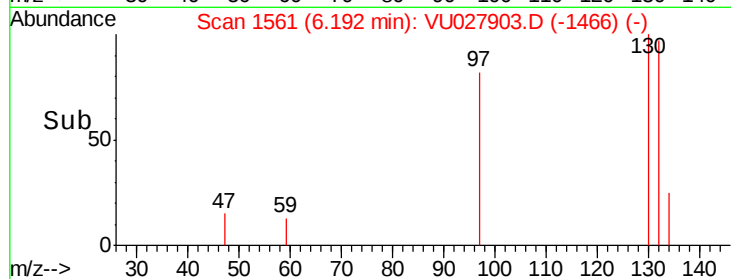


Abundance Ion 129.80 (129.50 to 130.50): VU027906.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU027906.D (-1544) (-)



Time-->



#45

1,2-Dichloropropane

Concen: 0.938 ug/l

RT: 6.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VU027903.D

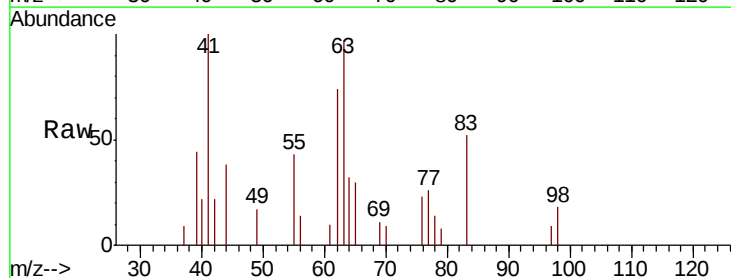
Acq: 01 Nov 2018 18:02

Tgt Ion: 63 Resp: 2466

Ion Ratio Lower Upper

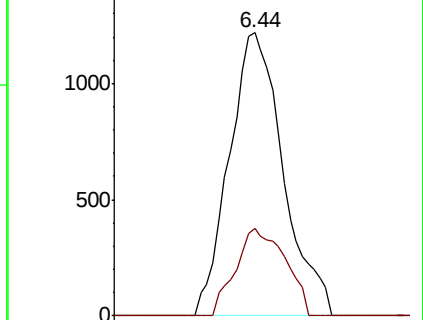
63 100

65 30.9 24.4 36.6

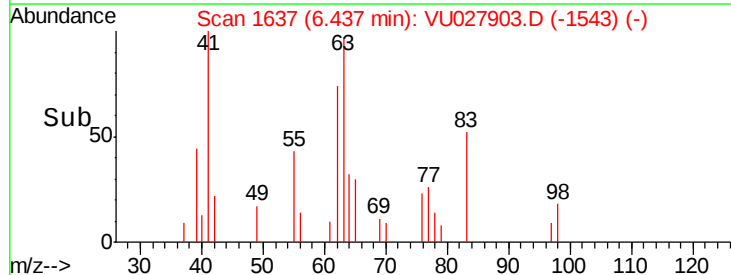


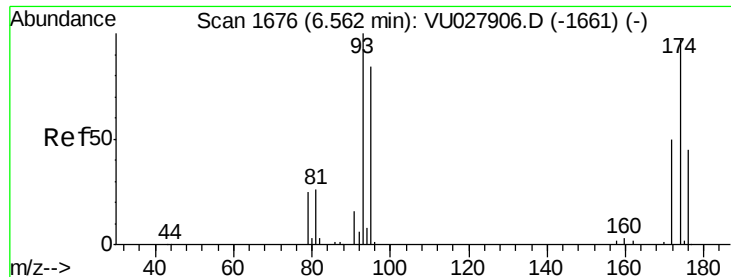
Abundance Ion 62.90 (62.60 to 63.60): VU027906.D (-1620) (-)

Ion 64.90 (64.60 to 65.60): VU027906.D (-1620) (-)



Time-->





#46

Dibromomethane

Concen: 0.912 ug/l

RT: 6.57 min Scan# 1678

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

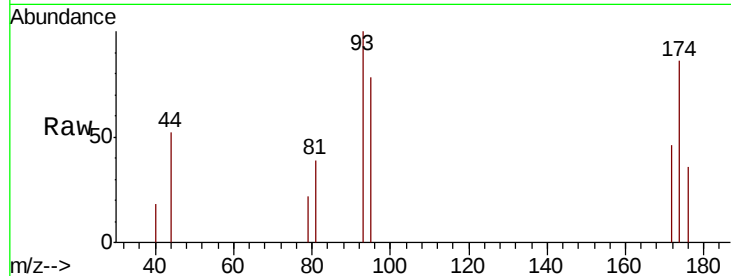
ClientSampleId :

VSTDIC001

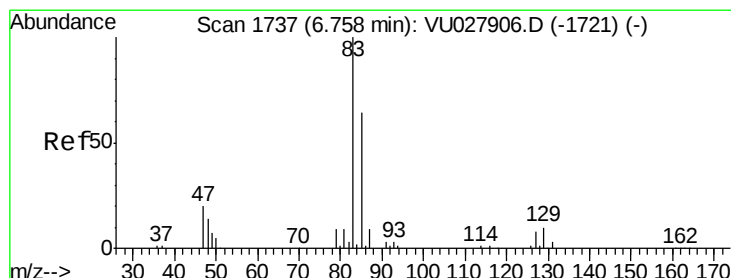
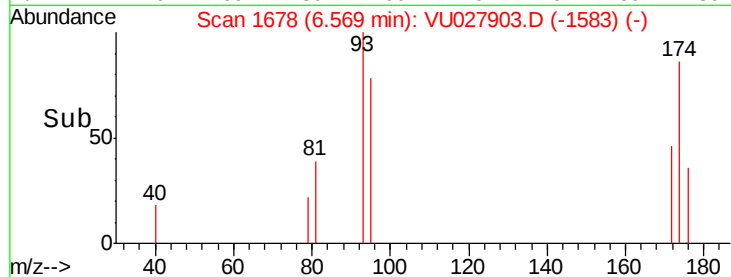
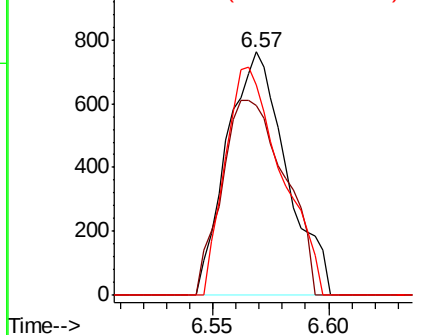
Tot Ion:	93	Resp:	1355
Ion	Ratio	Lower	Upper
93	100		
95	85.4	68.5	102.7
174	88.9	76.1	114.1

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Abundance Ion 92.80 (92.50 to 93.50): VU027903.D (-1583) (-)



#47

Bromodichloromethane

Concen: 0.823 ug/l

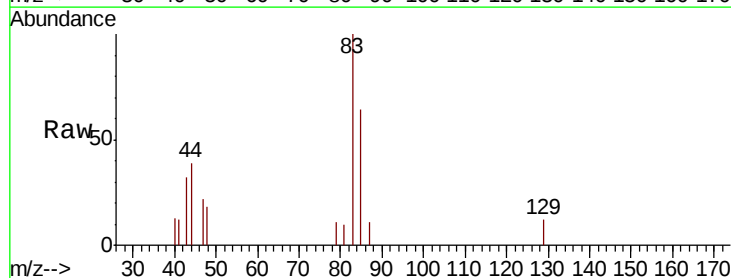
RT: 6.76 min Scan# 1738

Delta R.T. 0.00 min

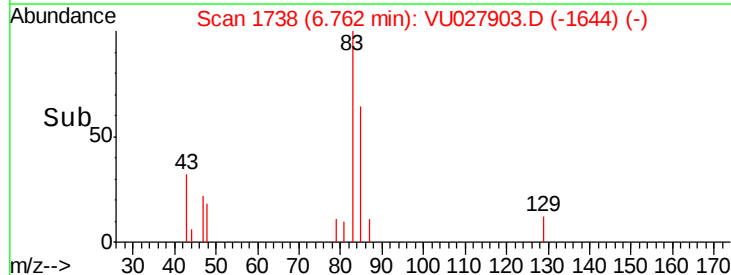
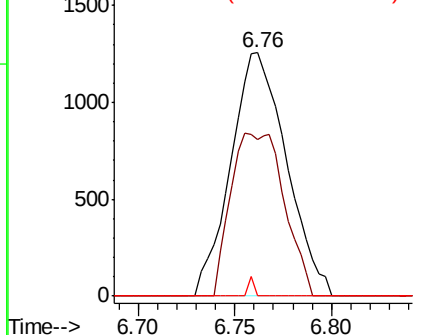
Lab File: VU027903.D

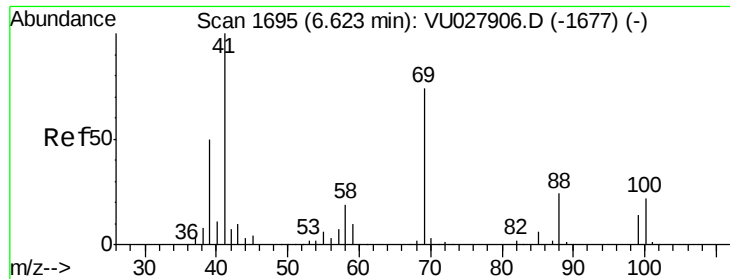
Acq: 01 Nov 2018 18:02

Tgt Ion:	83	Resp:	2517
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.0	76.6
127	0.0	6.2	9.4#



Abundance Ion 82.90 (82.60 to 83.60): VU027903.D (-1644) (-)





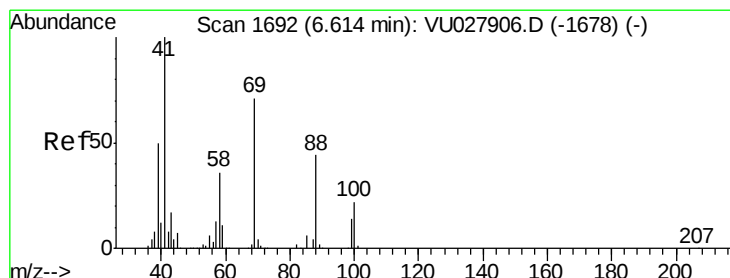
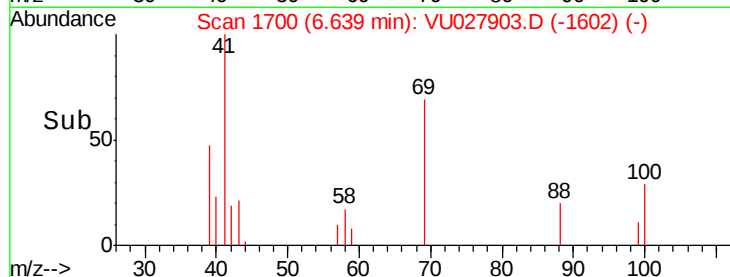
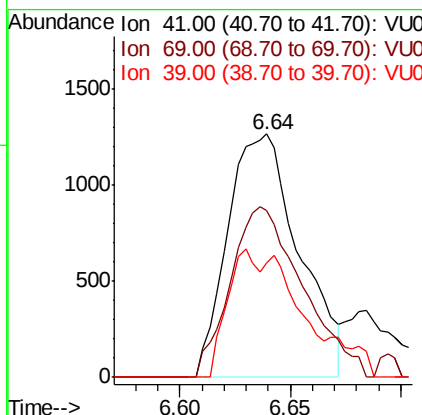
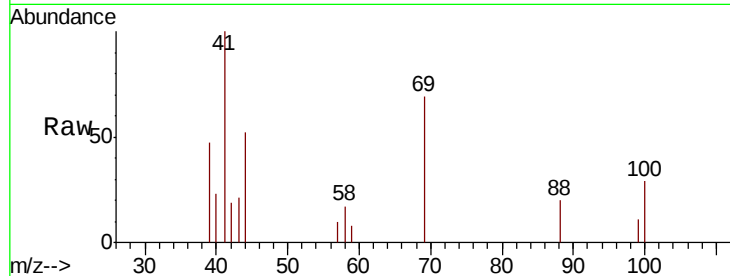
#48
Methvl methacrylate
Concen: 0.897 ug/l
RT: 6.64 min Scan# 1700
Delta R.T. 0.02 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	70.9	59.8	89.8
39	23.6	40.0	60.0#

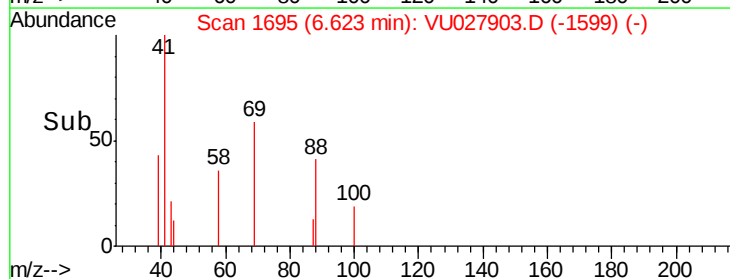
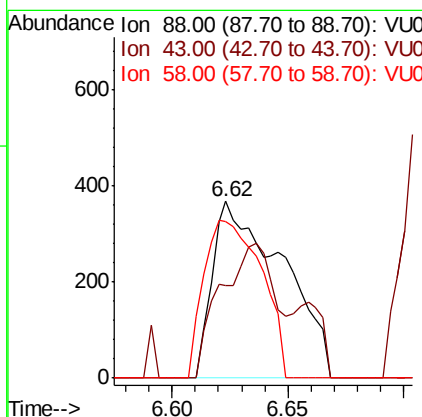
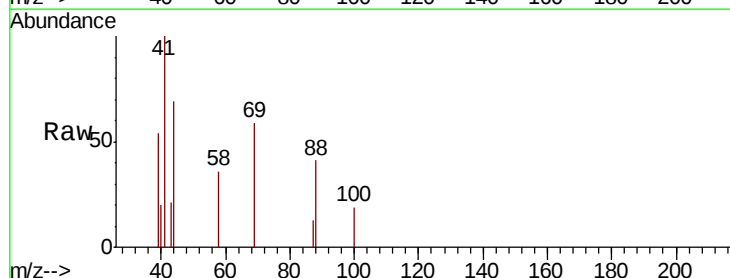
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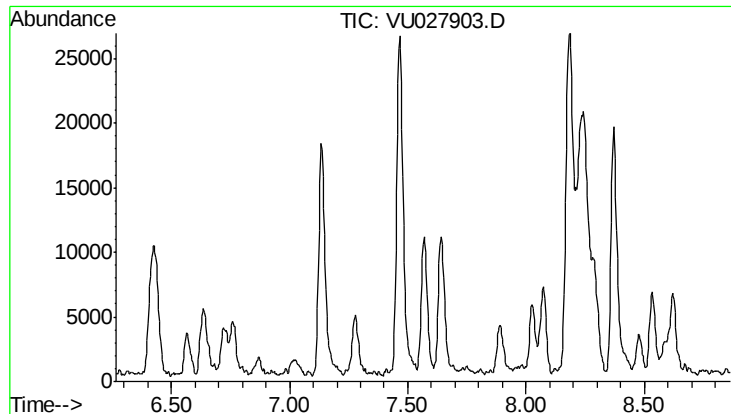
MMDadoda
11/2/2018 9:01:45 AM



#49
1,4-Dioxane
Concen: 14.317 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	59.0	30.5	45.7#
58	73.5	67.1	100.7





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.57 min

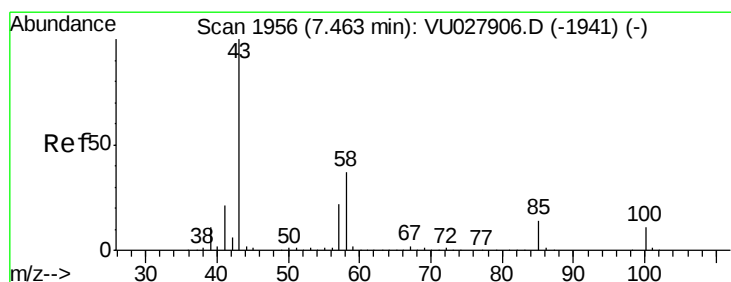
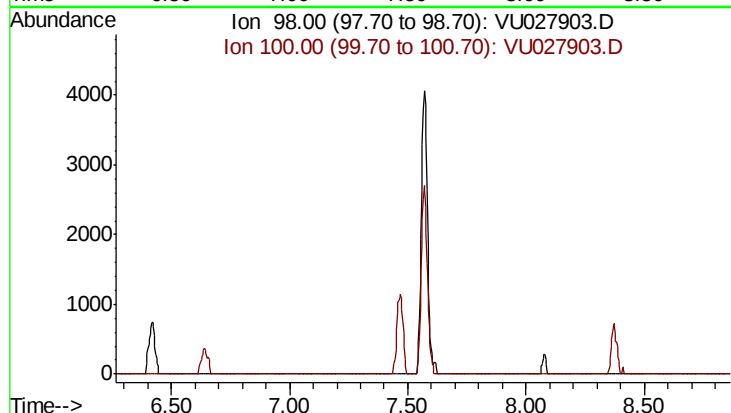
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 62.6

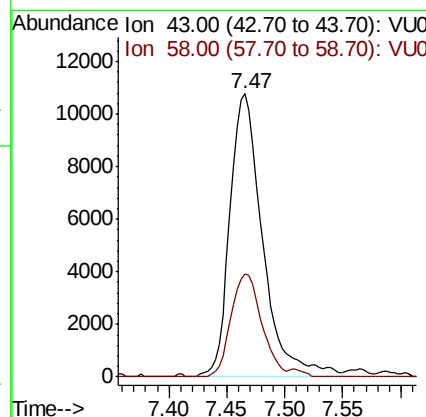
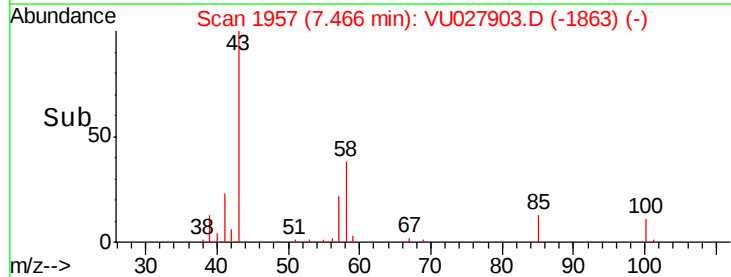
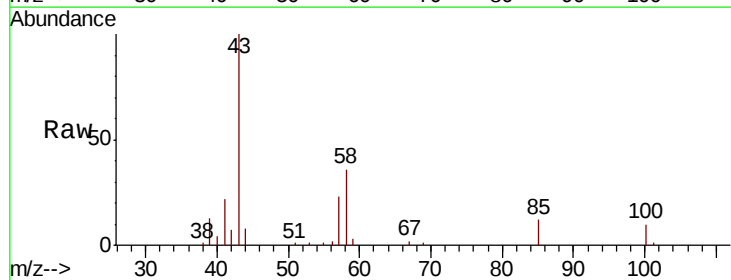
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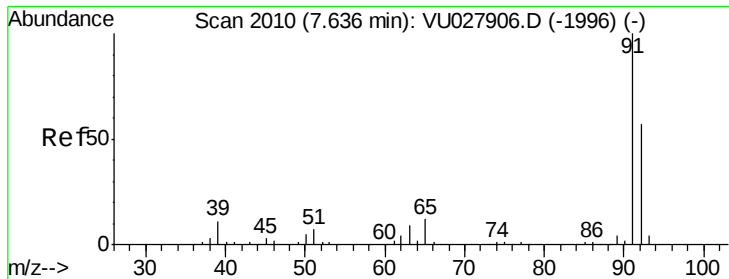
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 5.080 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion: 43 Resp: 21126
Ion Ratio Lower Upper
43 100
58 33.8 29.5 44.3





#52

Toluene

Concen: 0.936 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 5043

Ion Ratio Lower Upper

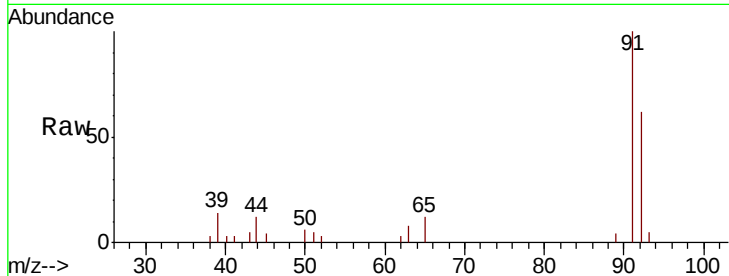
92 100

91 159.1 141.2 211.8

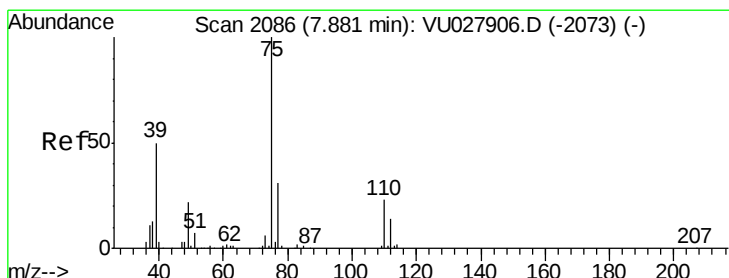
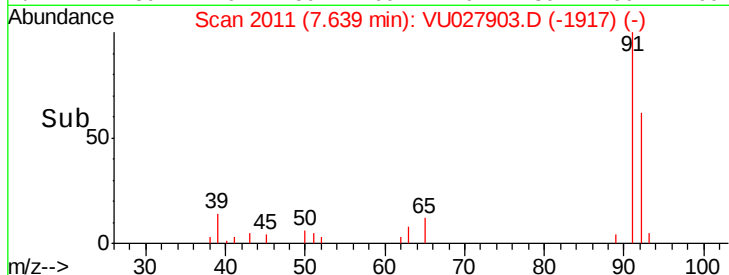
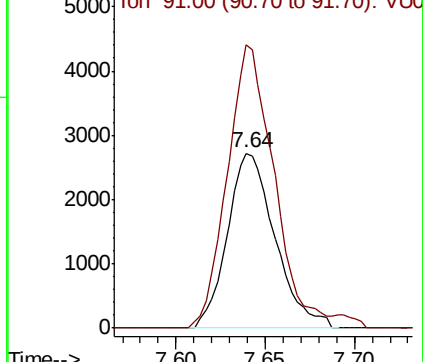
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Abundance Ion 92.00 (91.70 to 92.70): VU027906.D (-1996) (-)



#53

t-1,3-Dichloropropene

Concen: 0.689 ug/l

RT: 7.89 min Scan# 2089

Delta R.T. 0.01 min

Lab File: VU027903.D

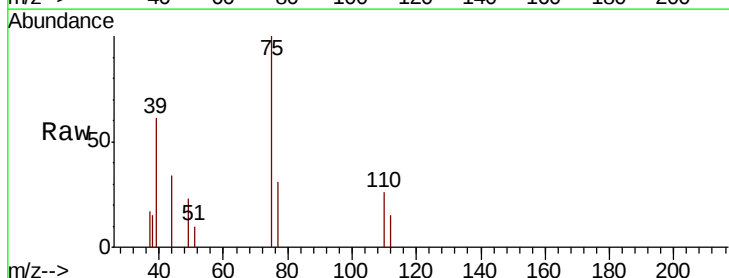
Acq: 01 Nov 2018 18:02

Tgt Ion: 75 Resp: 2468

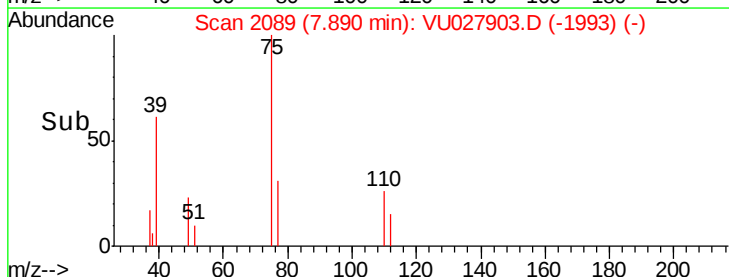
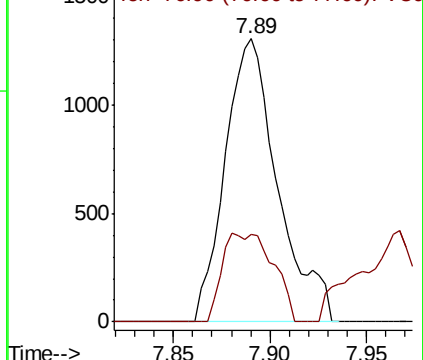
Ion Ratio Lower Upper

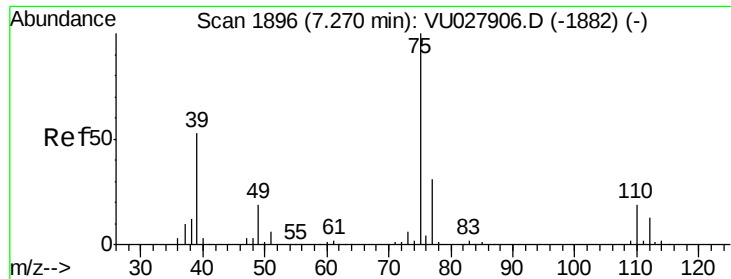
75 100

77 31.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VU027906.D (-2073) (-)





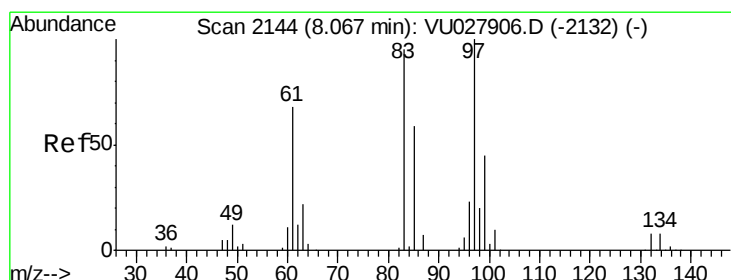
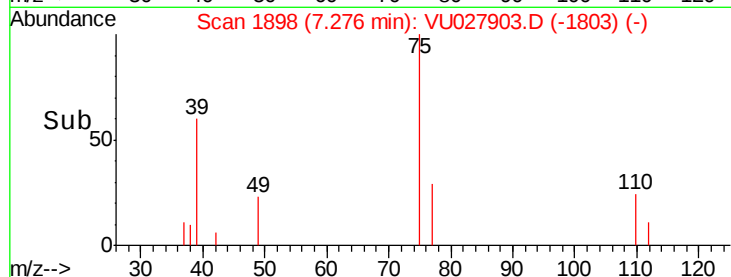
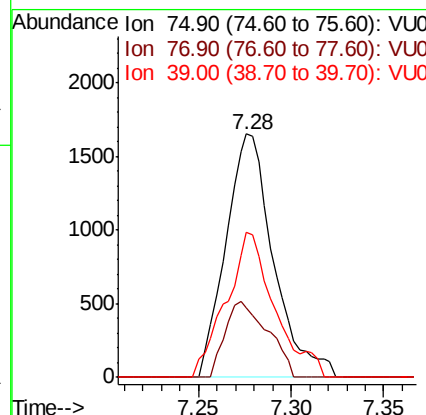
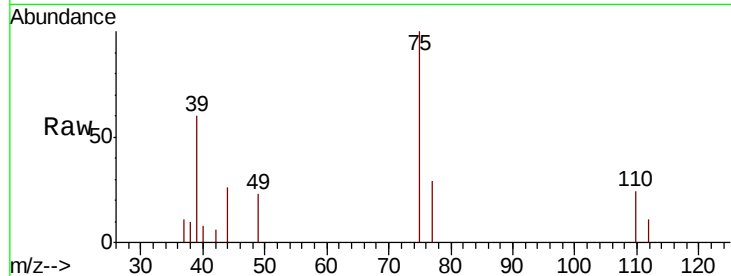
#54
 cis-1,3-Dichloropropene
 Concen: 0.764 ug/l
 RT: 7.28 min Scan# 1898
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.6	24.6	37.0
39	59.8	42.6	64.0

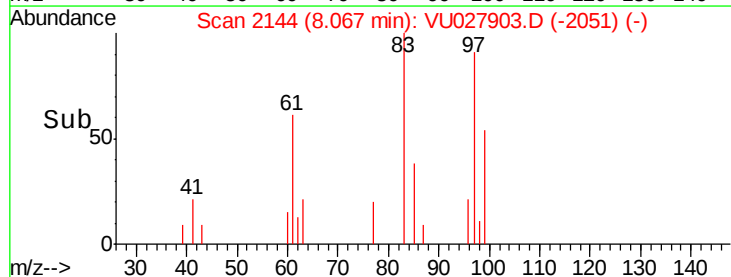
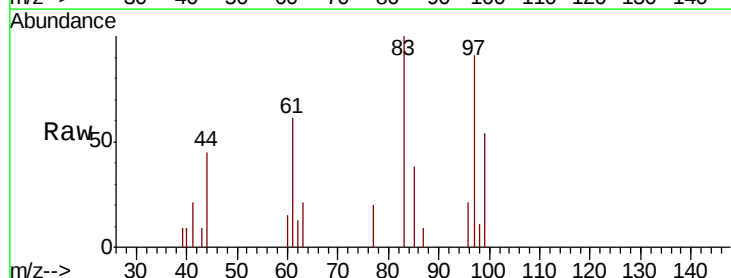
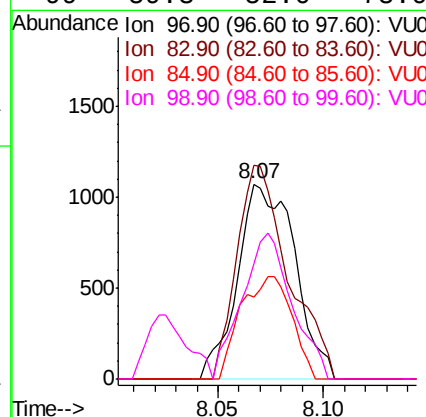
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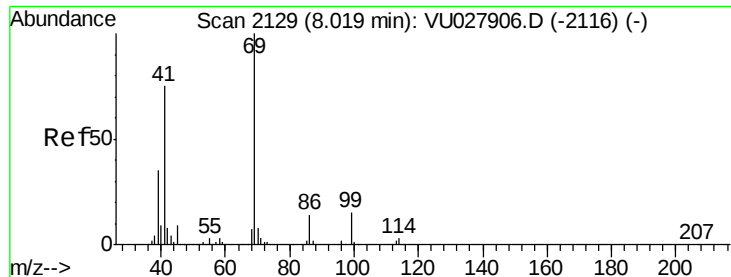
MMDadoda
 11/2/2018 9:01:45 AM



#55
 1,1,2-Trichloroethane
 Concen: 0.951 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	109.5	76.1	114.1
85	41.8	48.9	73.3#
99	59.3	52.0	78.0





#56

Ethyl methacrylate

Concen: 0.850 ug/l

RT: 8.03 min Scan# 2132

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

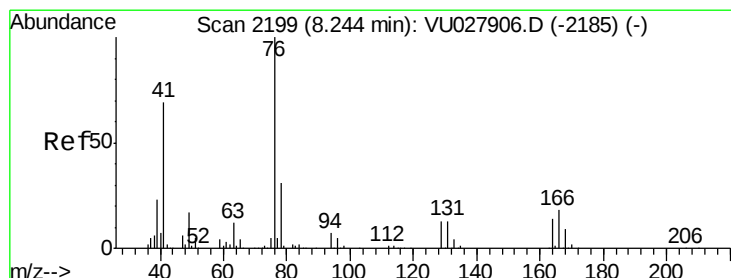
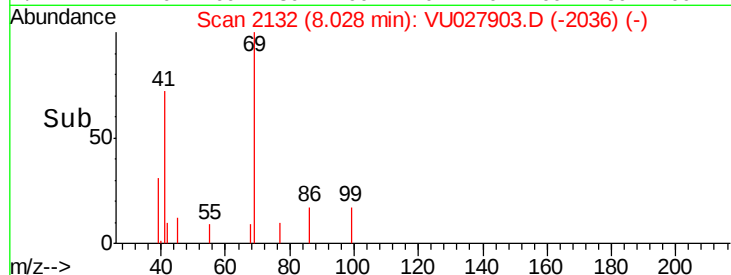
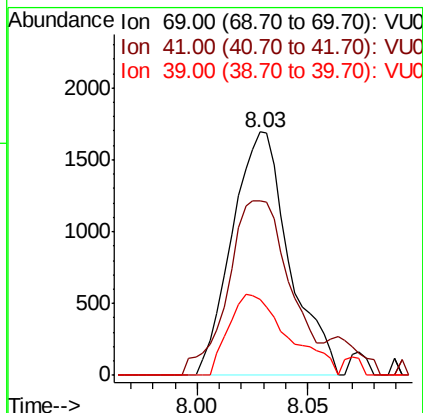
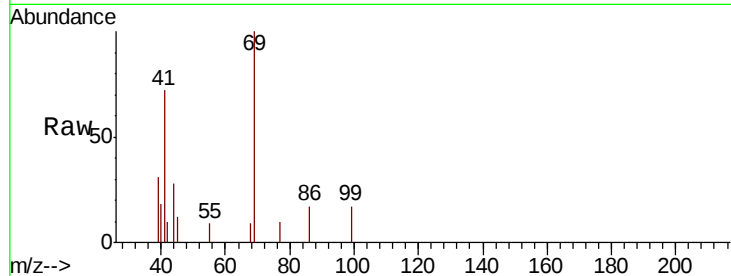
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	3047
Ion	Ratio	Lower	Upper
69	100		
41	78.1	59.8	89.6
39	34.6	28.6	42.8

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.857 ug/l

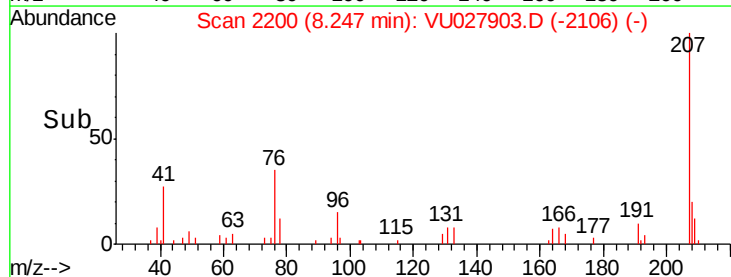
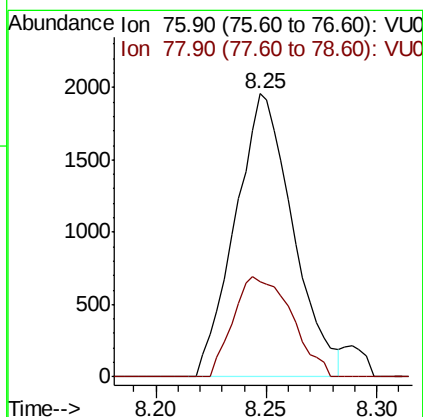
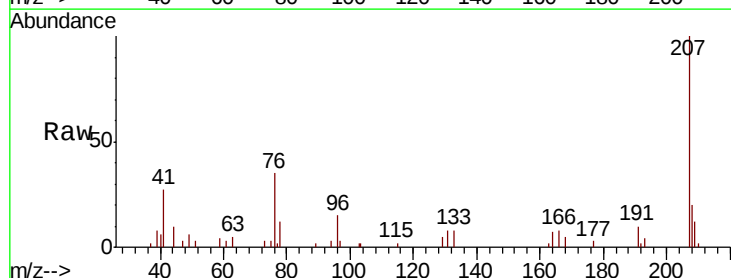
RT: 8.25 min Scan# 2200

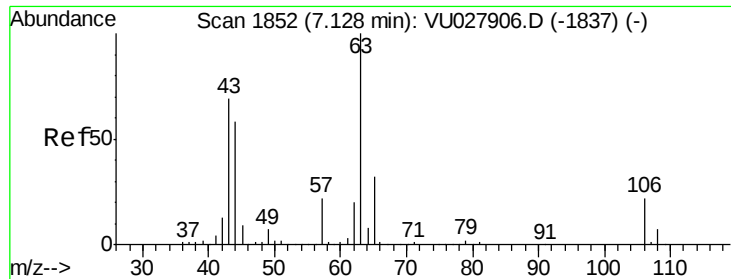
Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Tgt Ion:	76	Resp:	3542
Ion	Ratio	Lower	Upper
76	100		
78	35.9	25.3	37.9





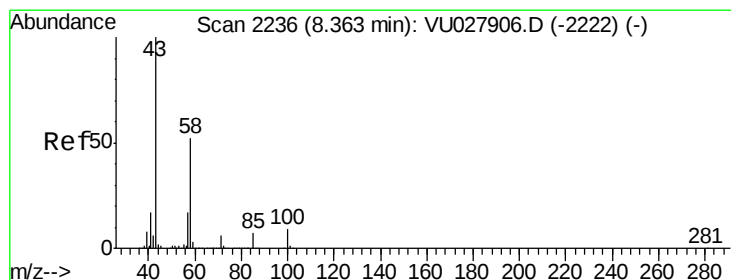
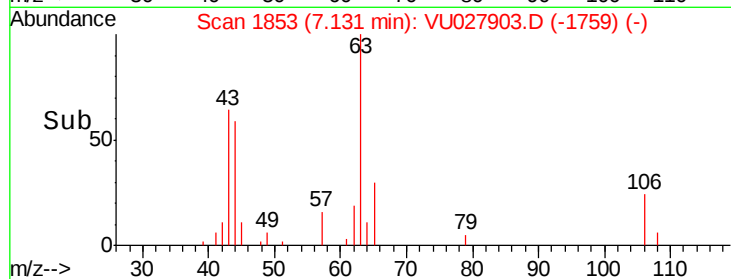
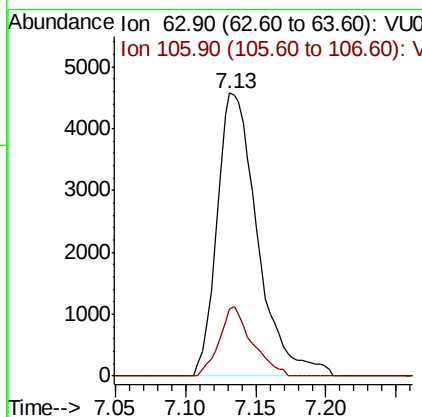
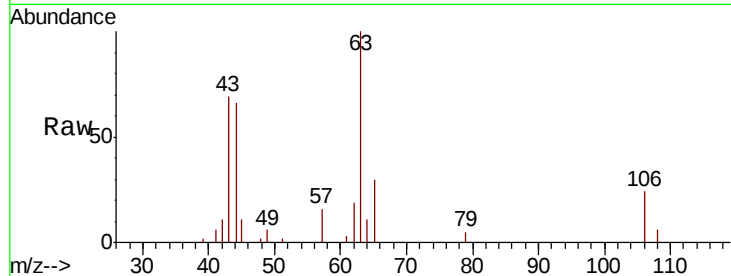
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.651 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 9133
 Ion Ratio Lower Upper
 63 100
 106 19.9 17.8 26.6

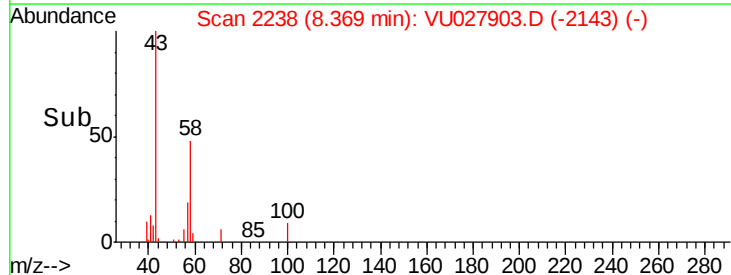
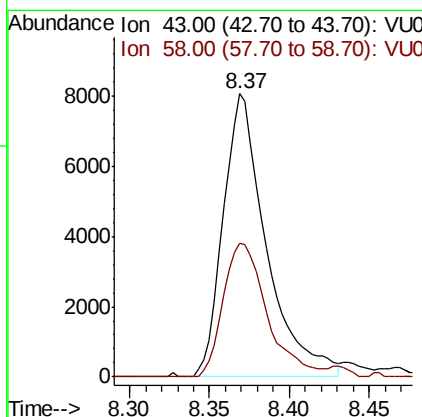
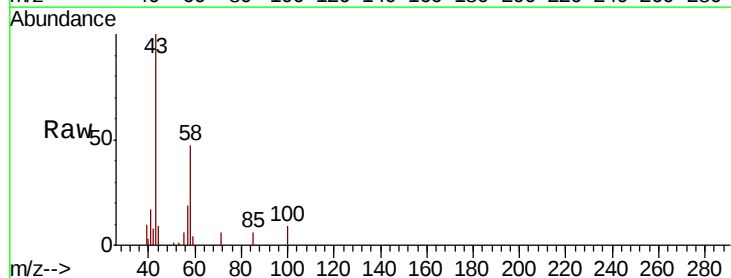
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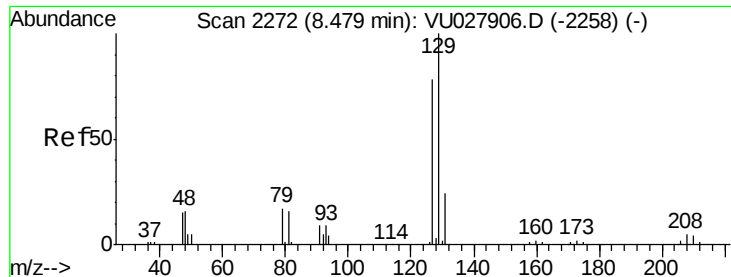
MMDadoda
 11/2/2018 9:01:45 AM



#59
 2-Hexanone
 Concen: 4.615 ug/l
 RT: 8.37 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion: 43 Resp: 14921
 Ion Ratio Lower Upper
 43 100
 58 47.7 25.8 77.3





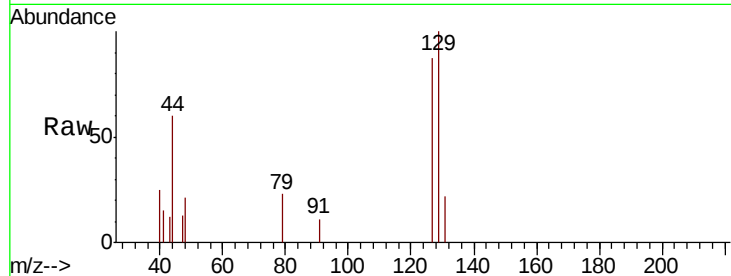
#60
Dibromochloromethane
Concen: 0.731 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

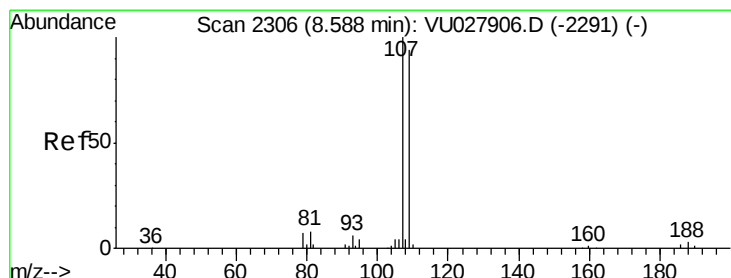
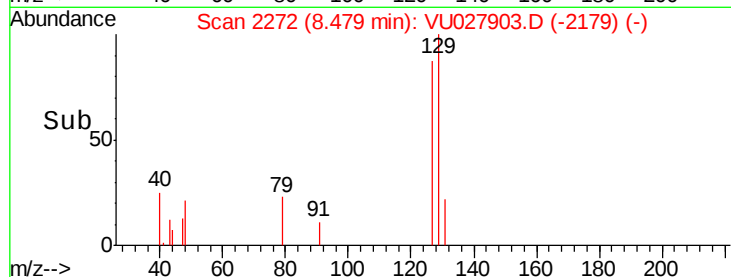
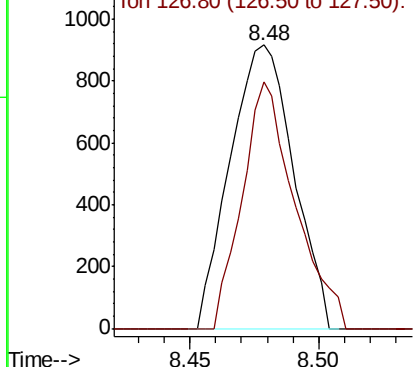
Tot Ion:129 Resp: 1569
Ion Ratio Lower Upper
129 100
127 72.4 39.2 117.6

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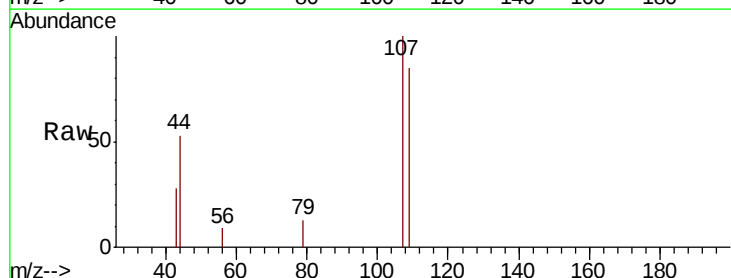


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

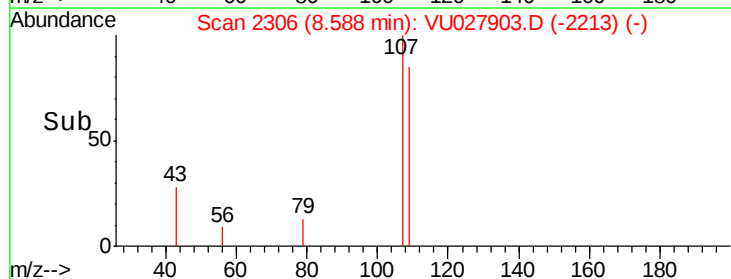
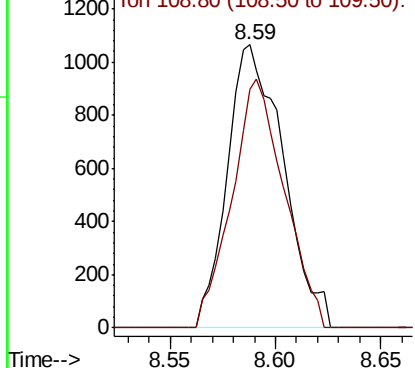


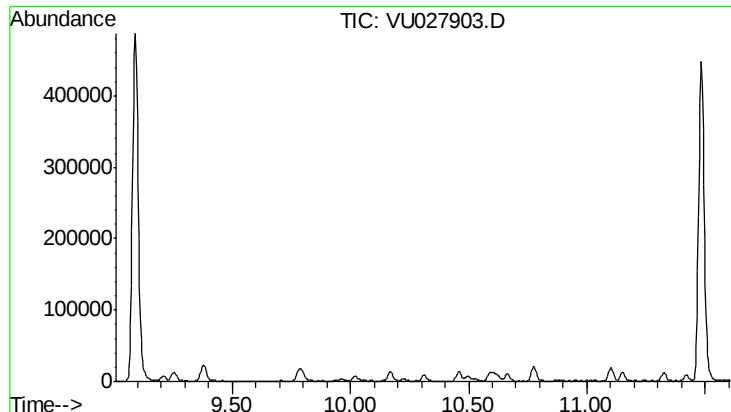
#61
1,2-Dibromoethane
Concen: 0.859 ug/l
RT: 8.59 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion:107 Resp: 1971
Ion Ratio Lower Upper
107 100
109 82.0 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 10.31 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Tot Ion: 95

Sig Exp Ratio

95 100

174 78.2

176 75.4

Instrument :

MSVOA_U

ClientSampleId :

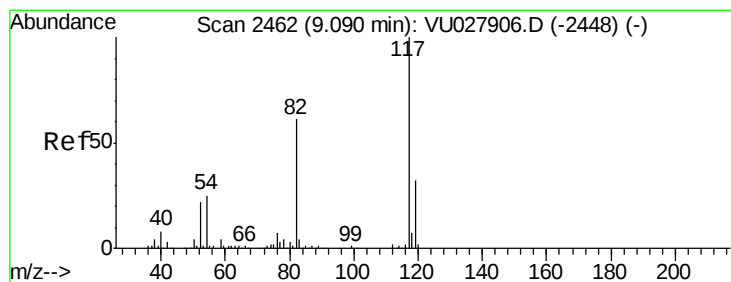
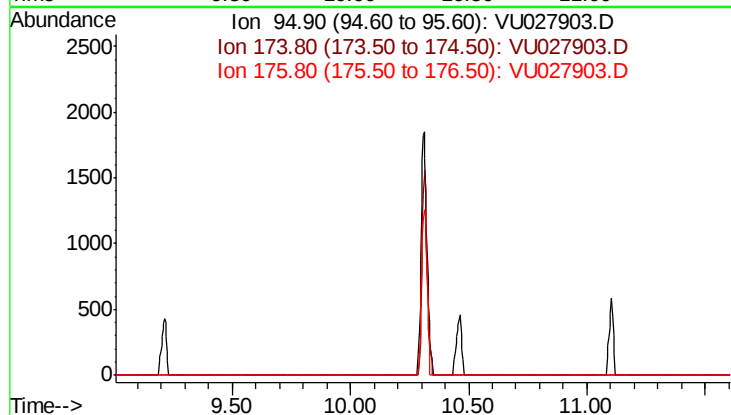
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

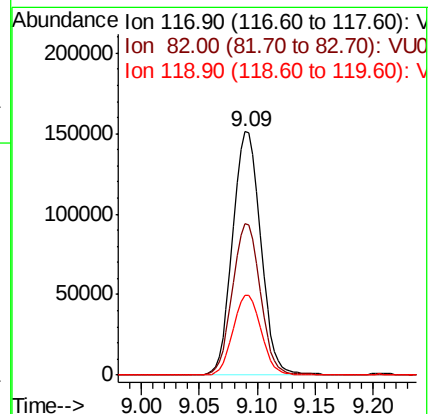
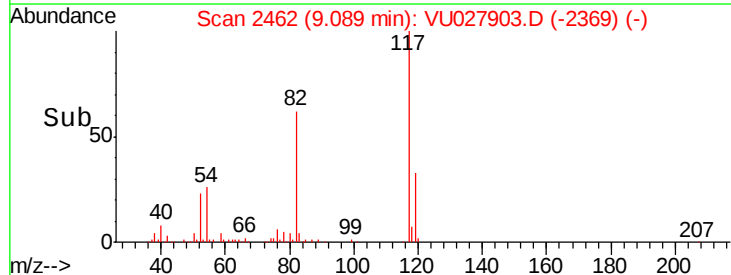
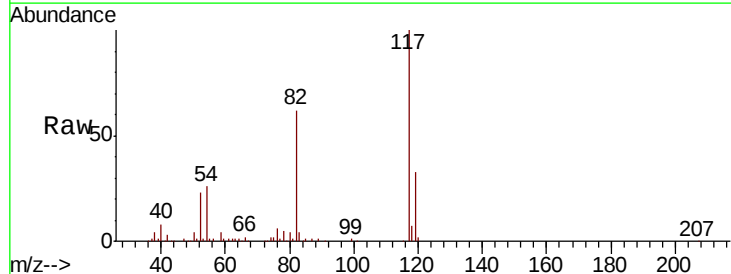
Tgt Ion:117 Resp: 253709

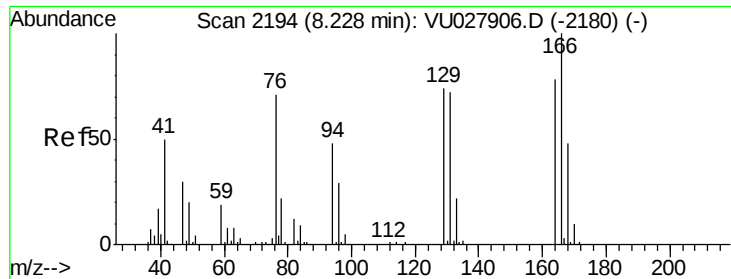
Ion Ratio Lower Upper

117 100

82 62.2 48.6 73.0

119 32.7 25.8 38.8





#64

Tetrachloroethene

Concen: 1.113 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 1757

Ion Ratio Lower Upper

164 100

166 111.7 102.1 153.1

129 79.1 75.9 113.9

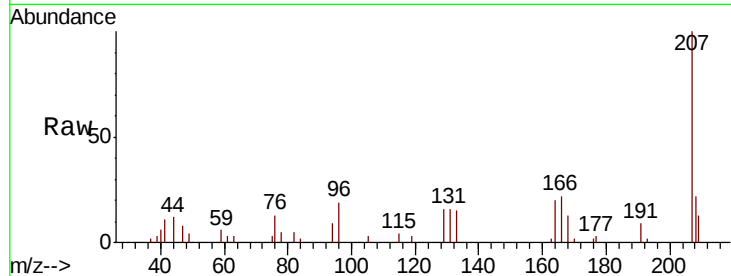
131 78.0 73.0 109.6

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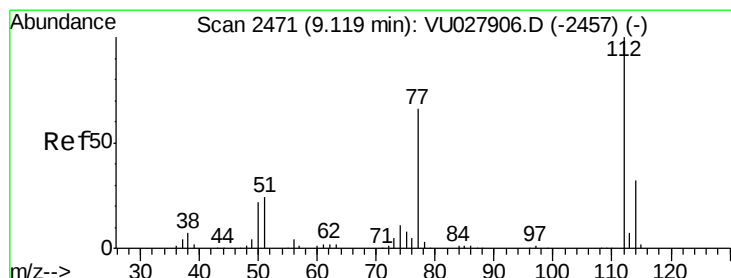
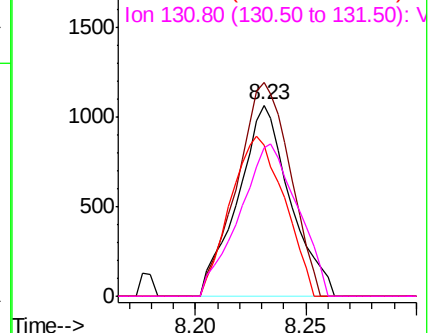
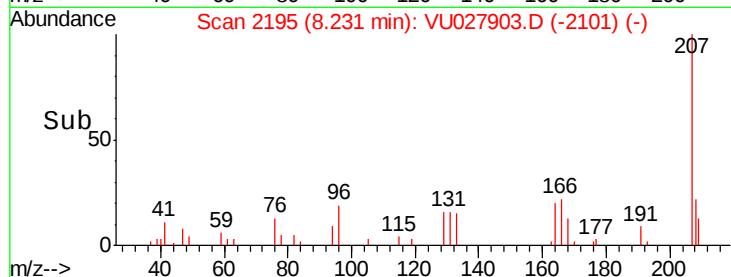


Abundance Ion 163.80 (163.50 to 164.50): V

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: 0.972 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU027903.D

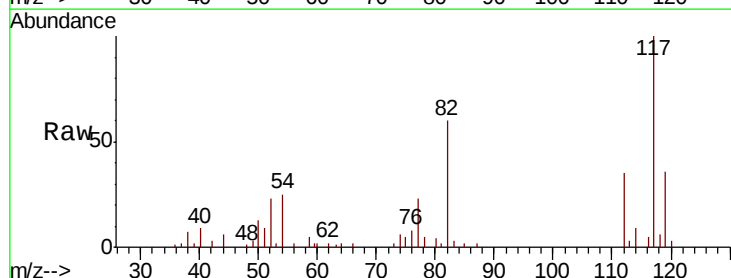
Acq: 01 Nov 2018 18:02

Tgt Ion:112 Resp: 5208

Ion Ratio Lower Upper

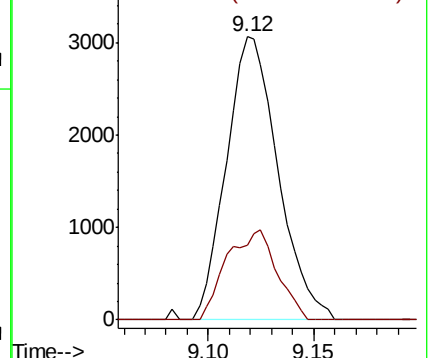
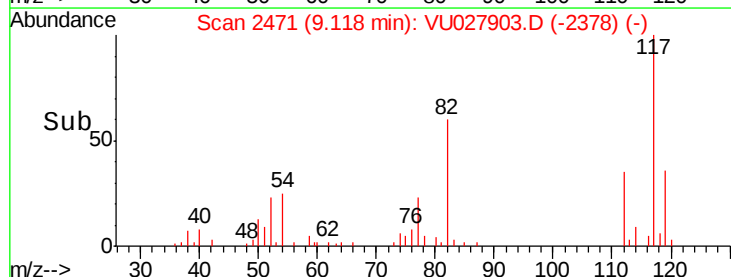
112 100

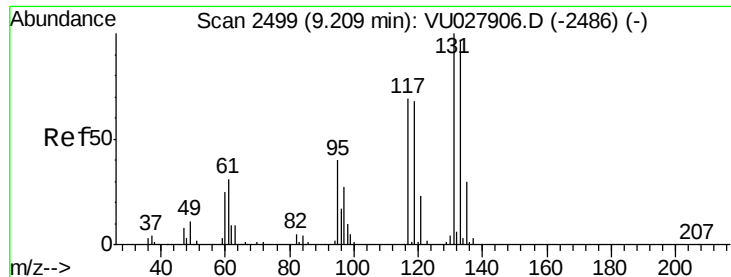
114 26.4 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





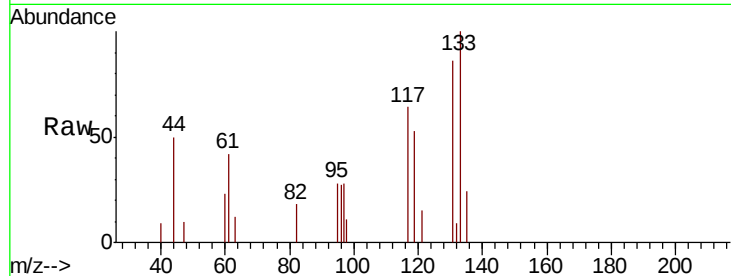
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.868 ug/l
 RT: 9.21 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	125.5	48.1	144.4
119	0.0	34.0	101.8#

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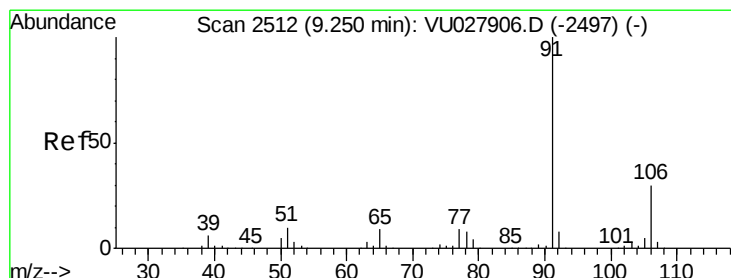
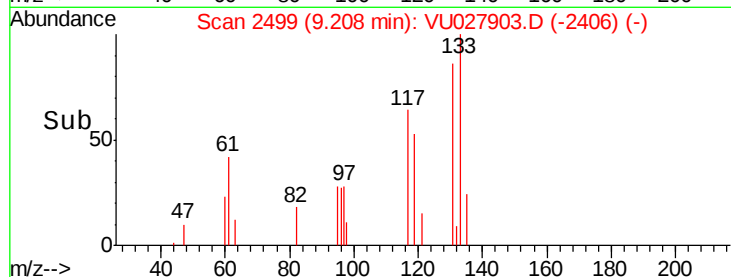
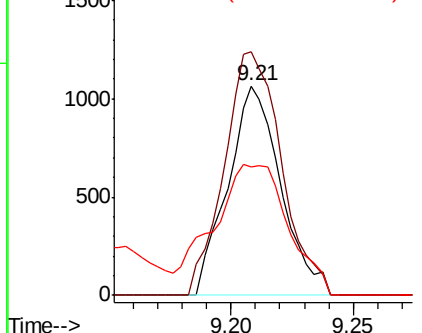


Abundance

Ion 130.80 (130.50 to 131.50): V

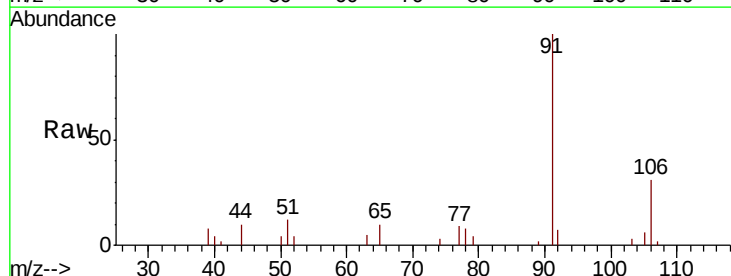
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67
 Ethyl Benzene
 Concen: 0.943 ug/l
 RT: 9.25 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

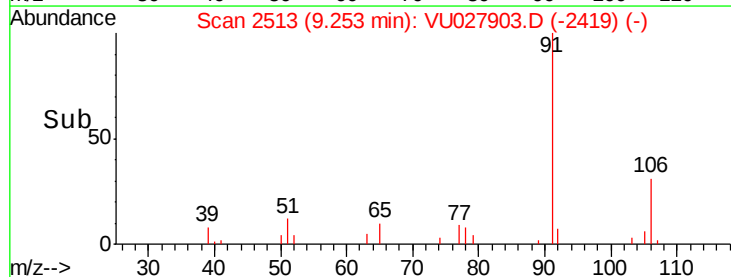
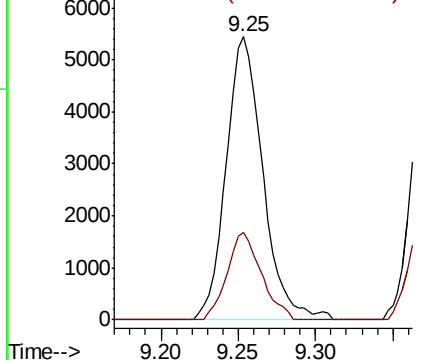
Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	23.6	35.4

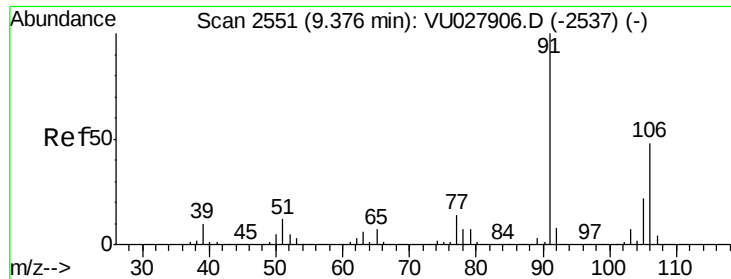


Abundance

Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





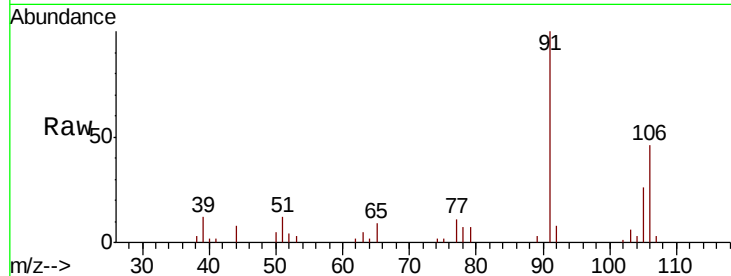
#68
m/p-Xylenes
Concen: 1.887 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

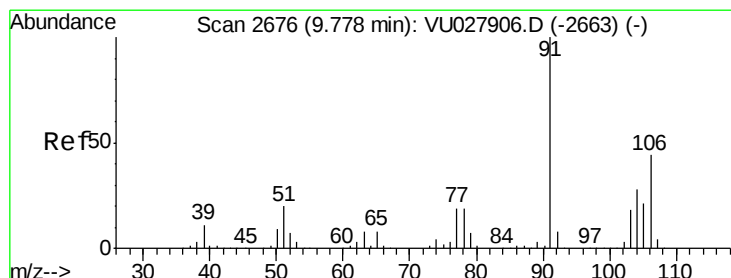
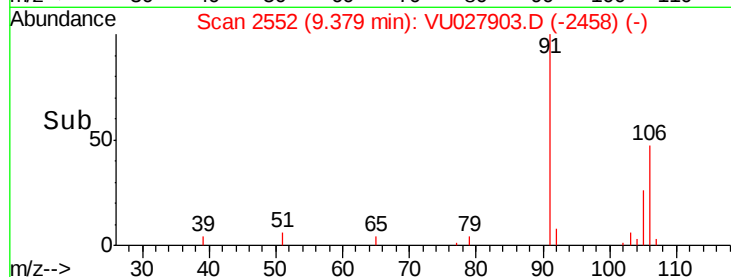
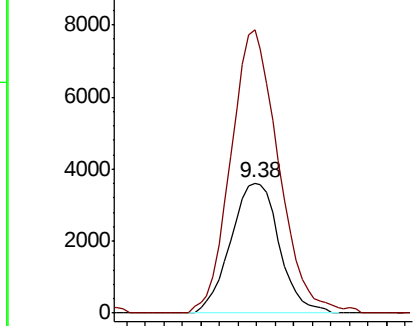
Tot Ion:106 Resp: 6540
Ion Ratio Lower Upper
106 100
91 214.8 168.2 252.4

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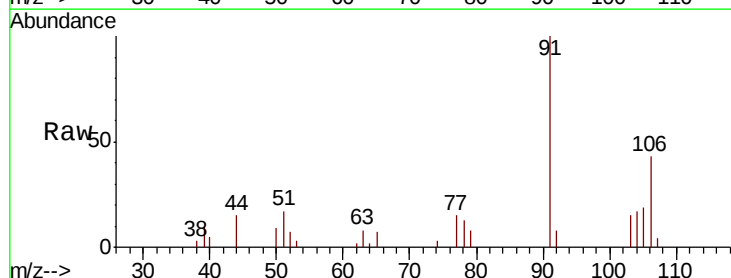


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

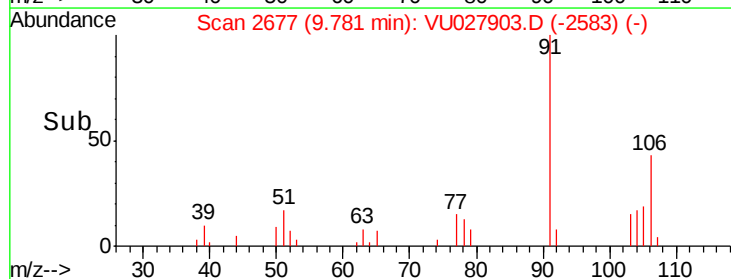
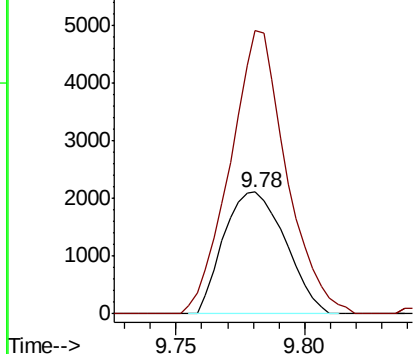


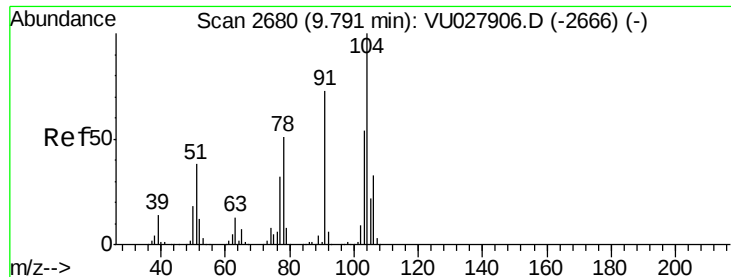
#69
o-Xylene
Concen: 1.062 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion:106 Resp: 3513
Ion Ratio Lower Upper
106 100
91 212.2 111.1 333.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





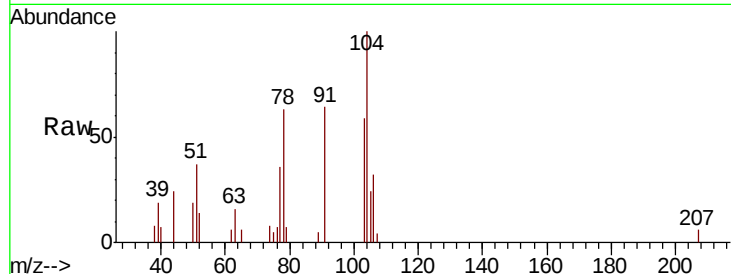
#70
Stvrene
Concen: 0.883 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

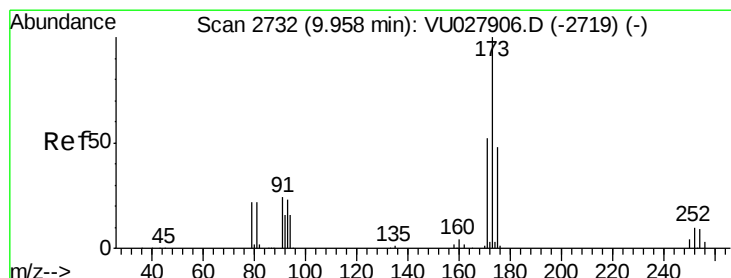
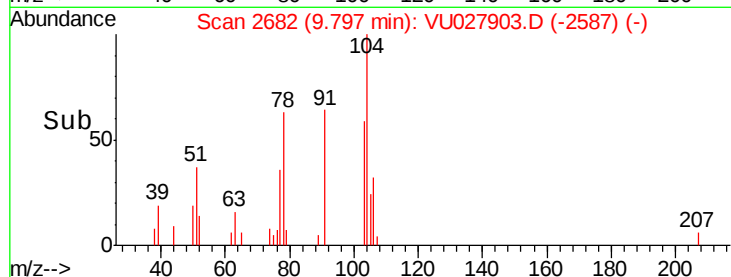
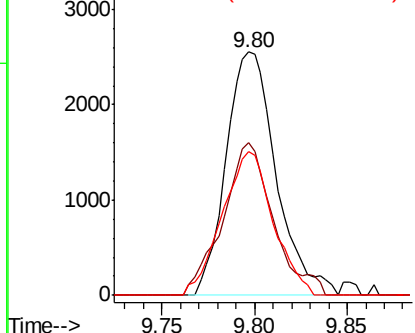
Tot Ion	Ratio	Lower	Upper
104	100		
78	62.8	43.0	64.4
103	59.9	45.1	67.7

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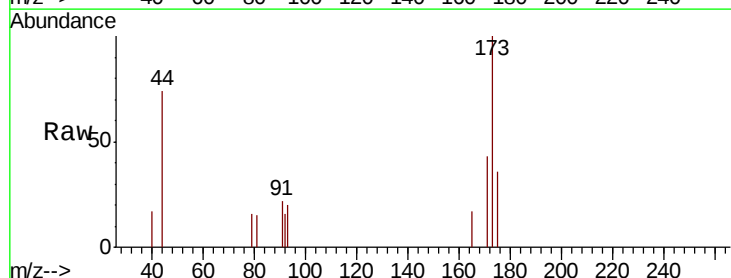


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

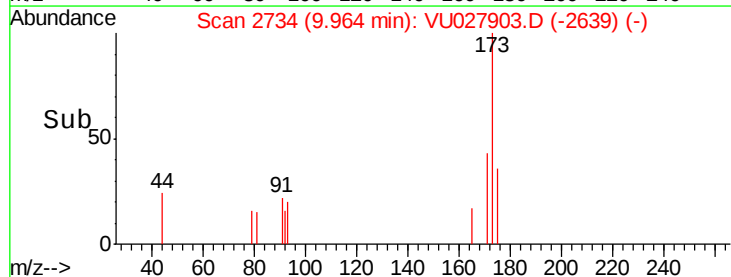
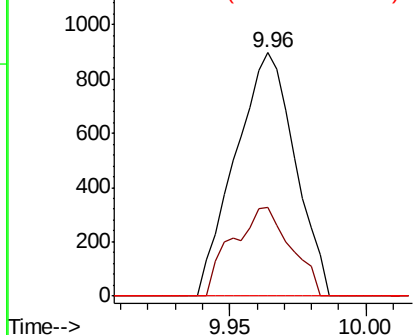


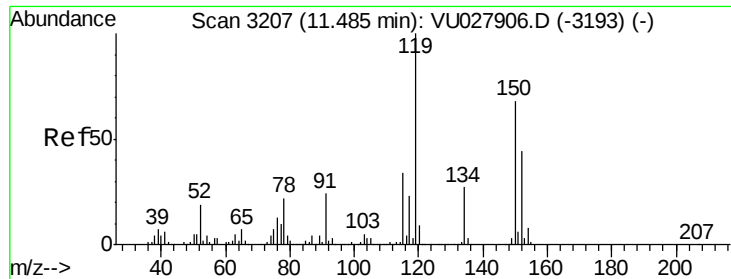
#71
Bromoform
Concen: 0.907 ug/l
RT: 9.96 min Scan# 2734
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	35.7	24.3	72.8
254	0.0	0.0	0.0



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





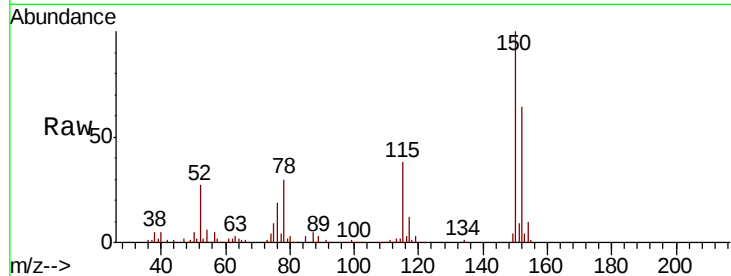
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.3	43.0	129.0
150	158.0	0.0	349.4

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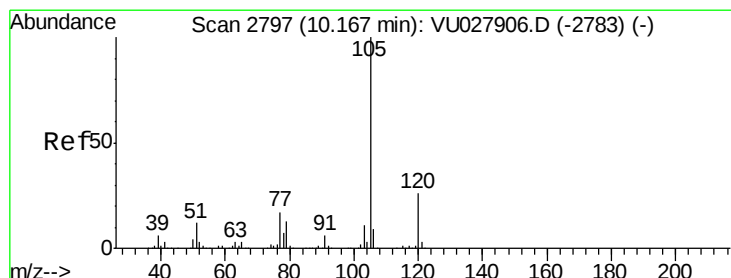
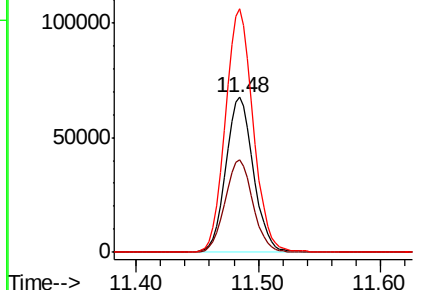
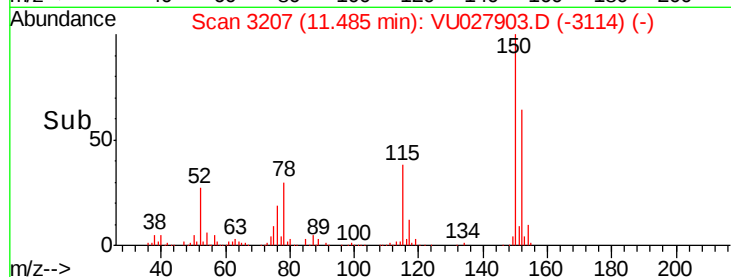


Abundance

Ion 151.90 (151.60 to 152.60): V

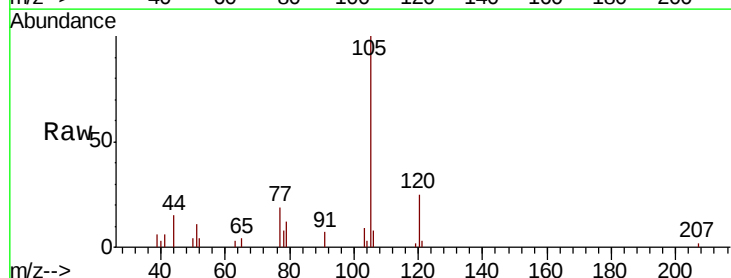
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73
 Isopropylbenzene
 Concen: 1.107 ug/l
 RT: 10.17 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

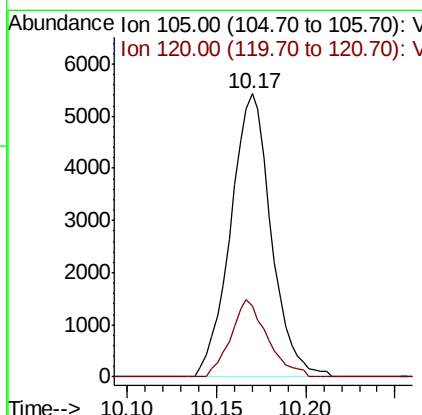
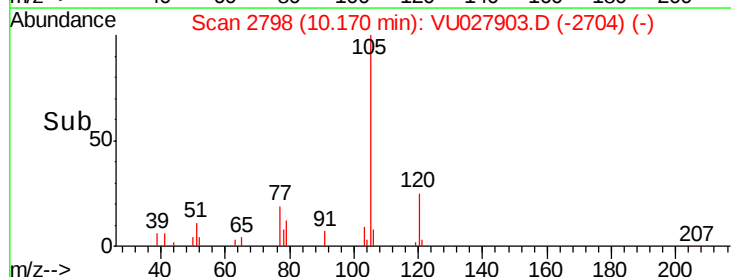
Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.4	12.7	38.0

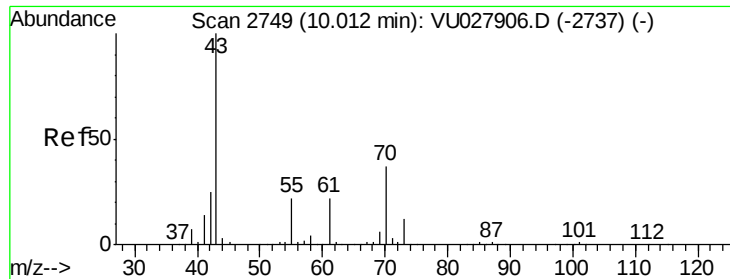


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.028 ug/l

RT: 10.02 min Scan# 2751

Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

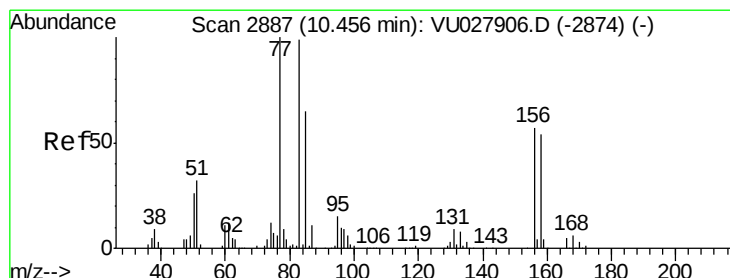
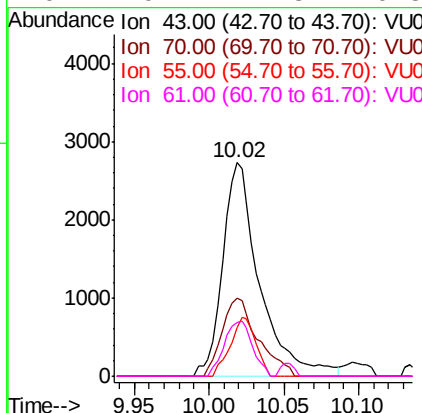
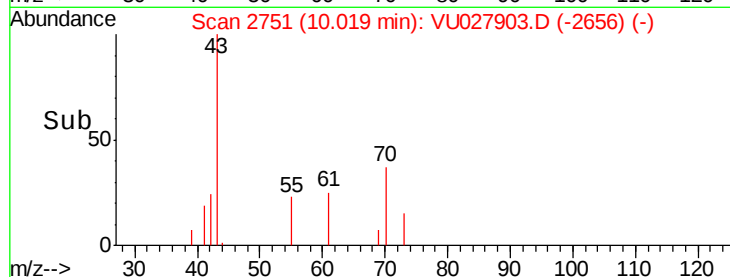
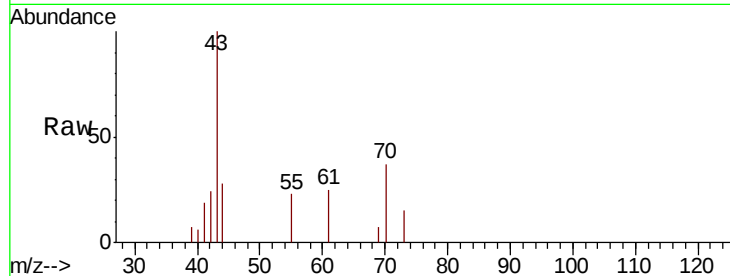
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	4681
Ion	Ratio	Lower	Upper
43	100		
70	35.5	29.2	43.8
55	19.0	17.8	26.6
61	19.7	17.8	26.8

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.094 ug/l

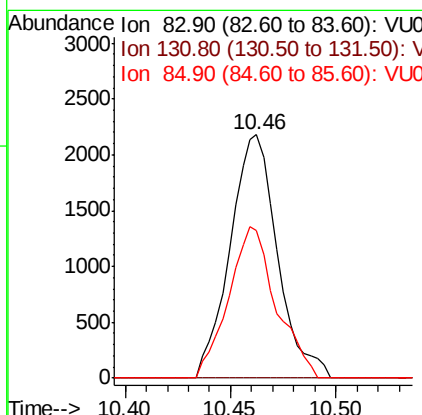
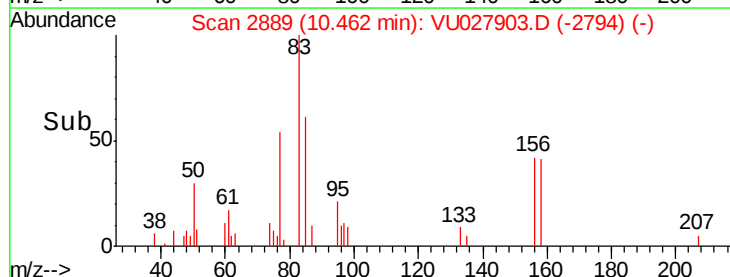
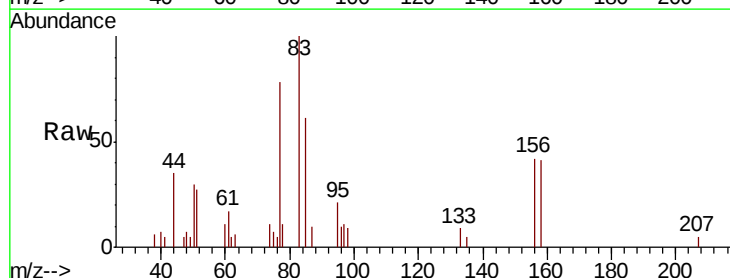
RT: 10.46 min Scan# 2889

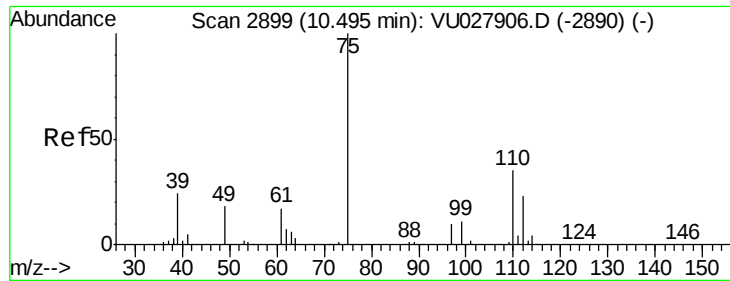
Delta R.T. 0.01 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Tgt Ion:	83	Resp:	3401
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.3	13.1#
85	62.0	32.4	97.2





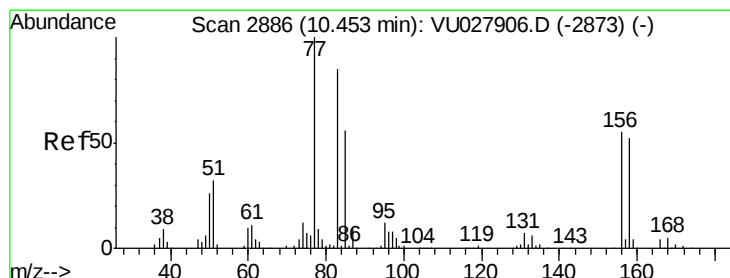
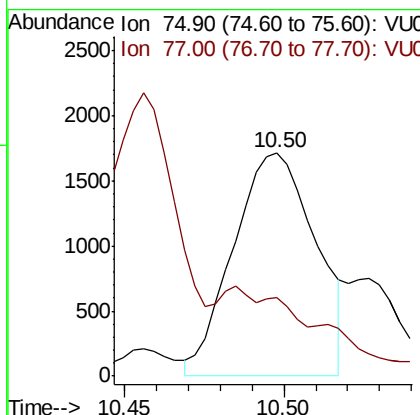
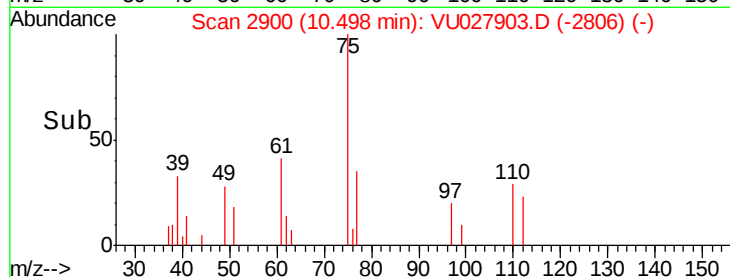
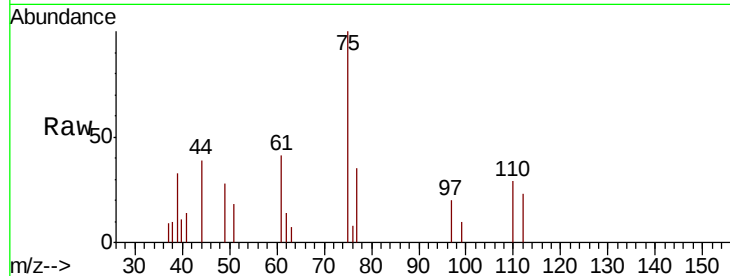
#76
 1,2,3-Trichloropropane
 Concen: 1.111 ug/l m
 RT: 10.50 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 3088
 Ion Ratio Lower Upper
 75 100
 77 46.8 21.6 64.6

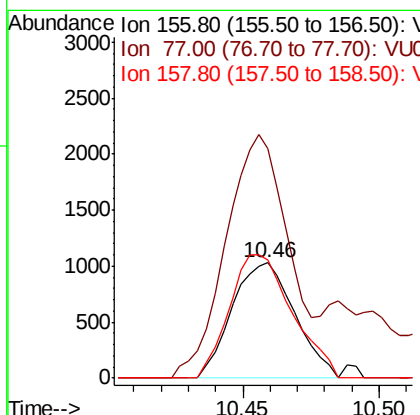
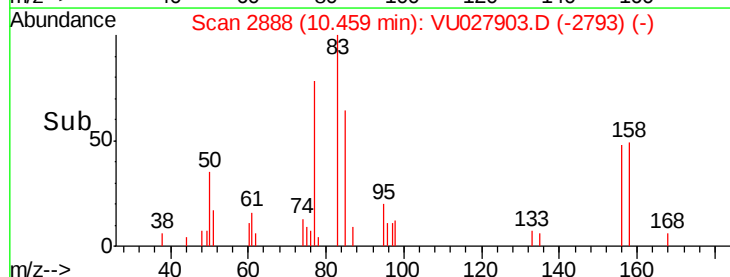
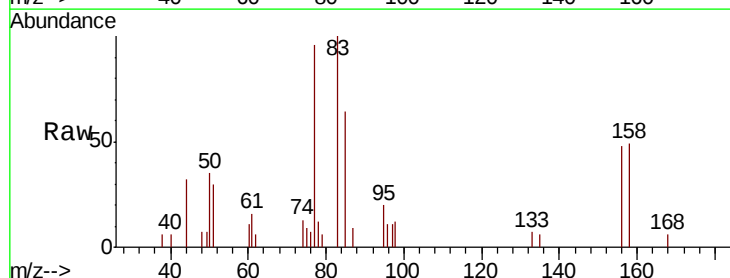
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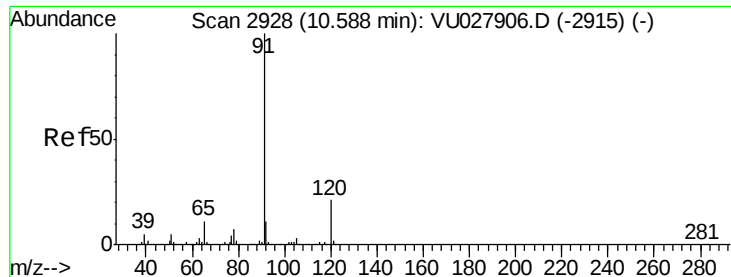
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#77
 Bromobenzene
 Concen: 0.900 ug/l
 RT: 10.46 min Scan# 2888
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion: 156 Resp: 1647
 Ion Ratio Lower Upper
 156 100
 77 208.0 91.8 275.6
 158 106.9 48.4 145.2





#78

n-propylbenzene

Concen: 1.013 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 9501

Ion Ratio Lower Upper

91 100

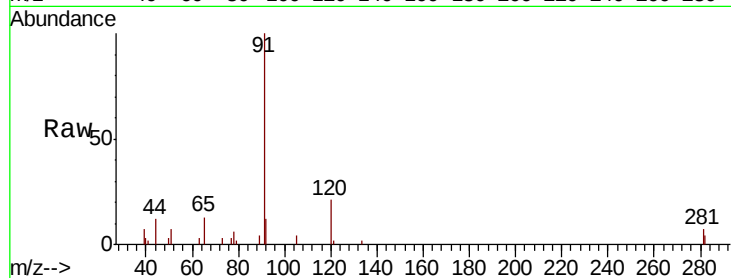
120 21.5 10.6 31.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-2915) (-)

Ion 120.00 (119.70 to 120.70): VU027906.D (-2915) (-)

10.59

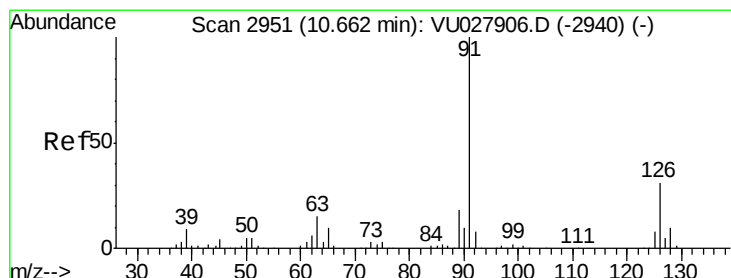
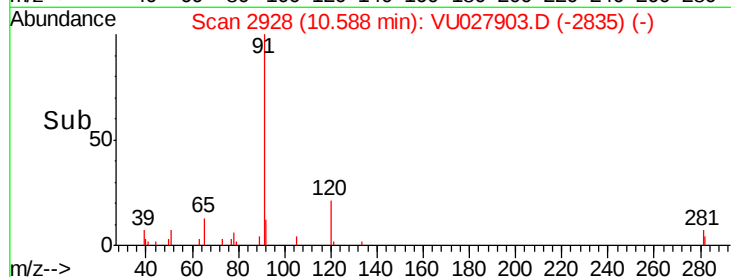
6000

4000

2000

0

Time-->



#79

2-Chlorotoluene

Concen: 1.045 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027903.D

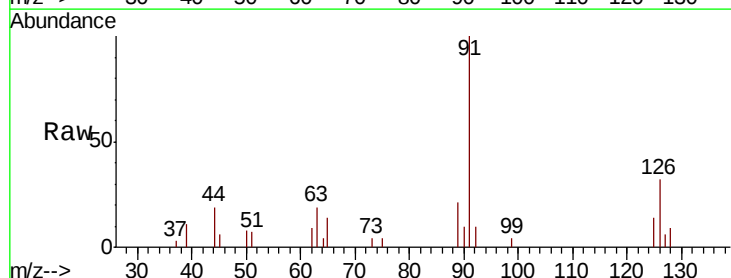
Acq: 01 Nov 2018 18:02

Tgt Ion: 91 Resp: 5916

Ion Ratio Lower Upper

91 100

126 31.5 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU027906.D (-2940) (-)

10.66

4000

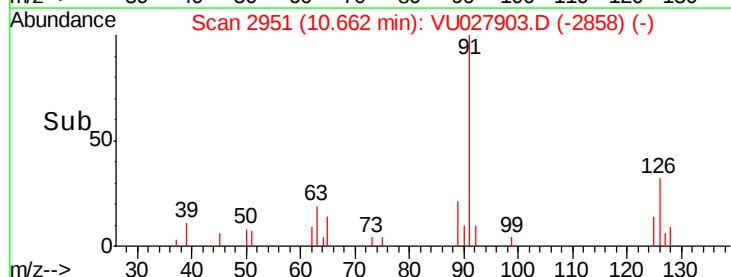
3000

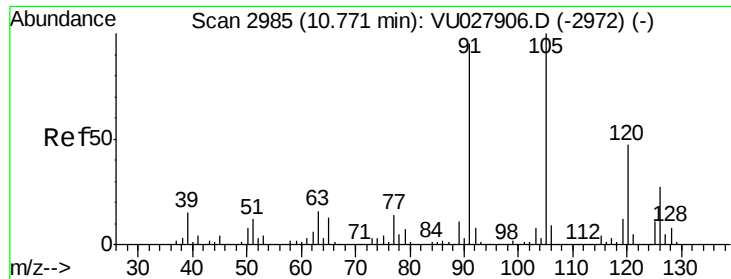
2000

1000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 1.001 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 6391

Ion Ratio Lower Upper

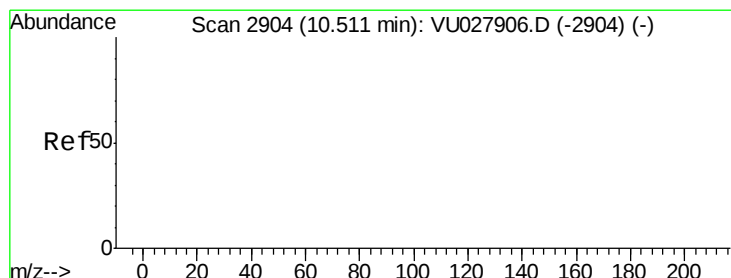
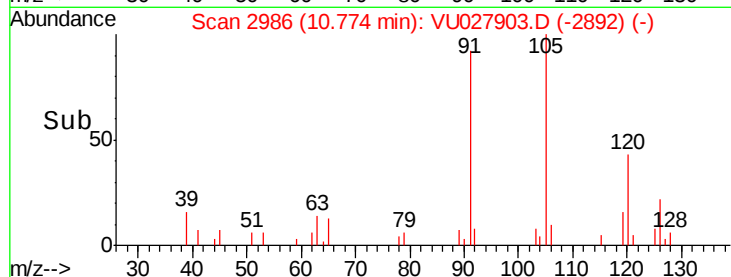
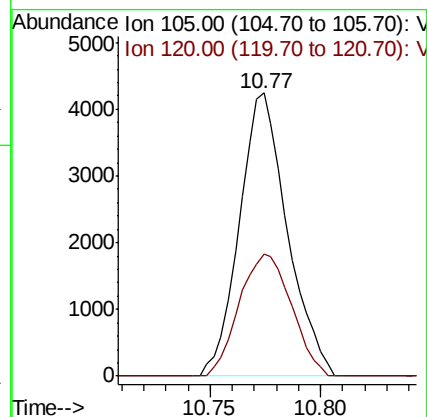
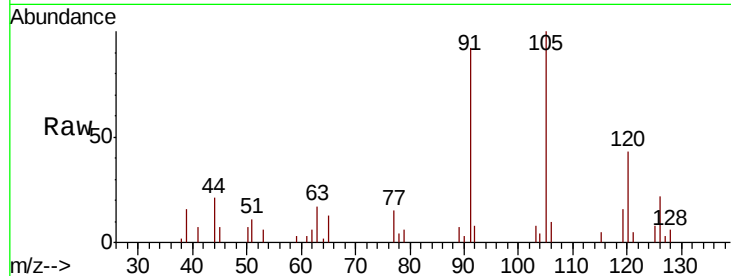
105 100

120 46.9 23.3 69.9

Manual Integrations
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MMDadoda

11/2/2018 9:01:45 AM



#81

trans-1,4-Dichloro-2-butene

Concen: 0.777 ug/l m

RT: 10.53 min Scan# 2909

Delta R.T. 0.02 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

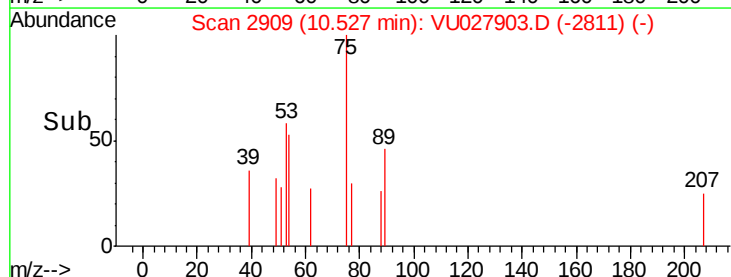
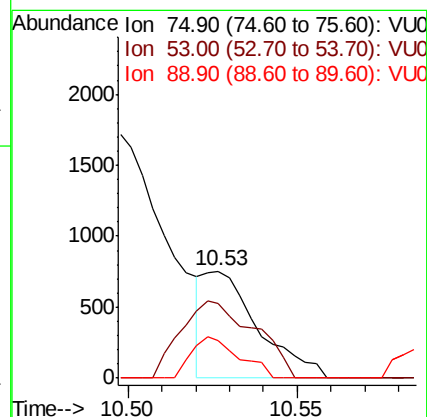
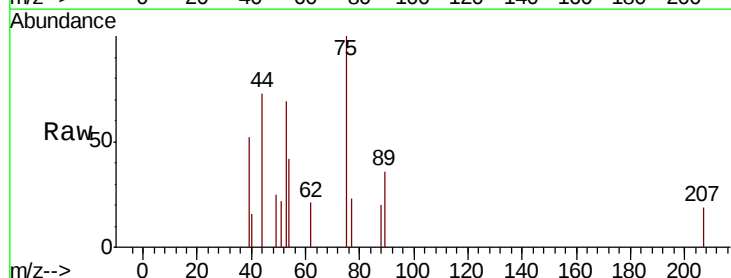
Tgt Ion: 75 Resp: 836

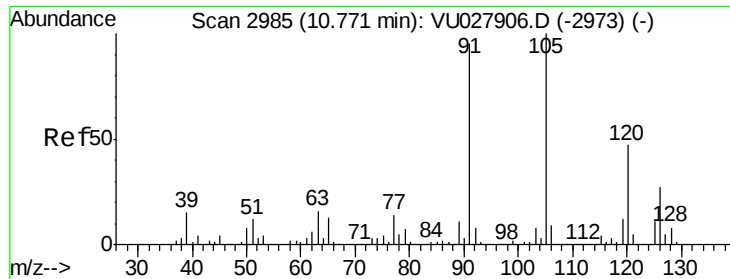
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





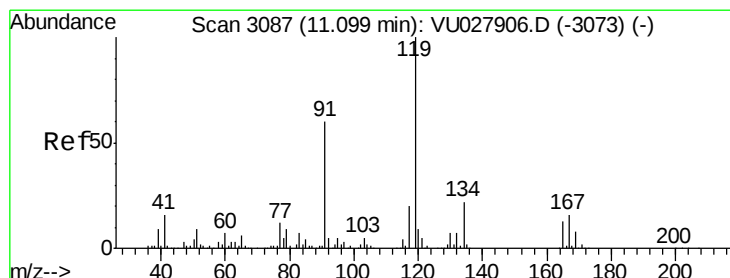
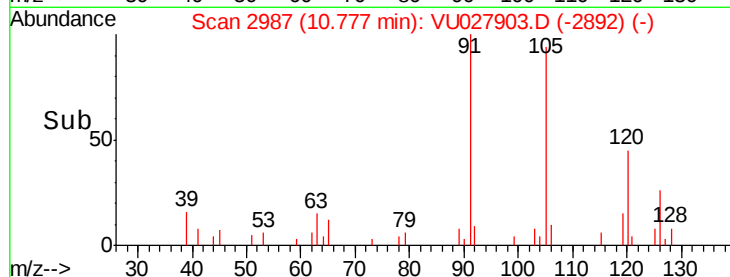
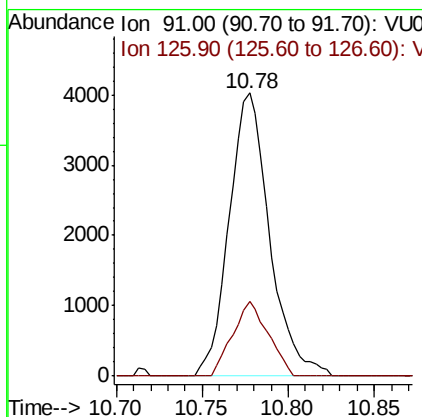
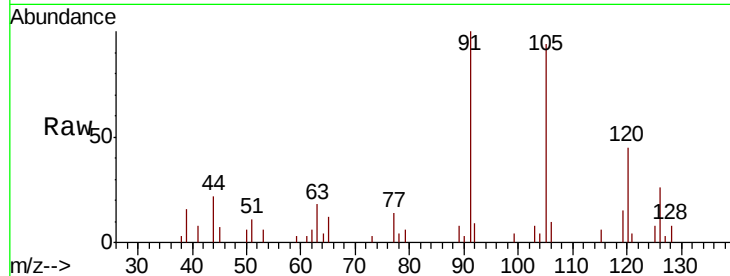
#82
 4-Chlorotoluene
 Concen: 1.028 ug/l
 RT: 10.78 min Scan# 2987
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion: 91 Resp: 6586
 Ion Ratio Lower Upper
 91 100
 126 23.2 14.2 42.6

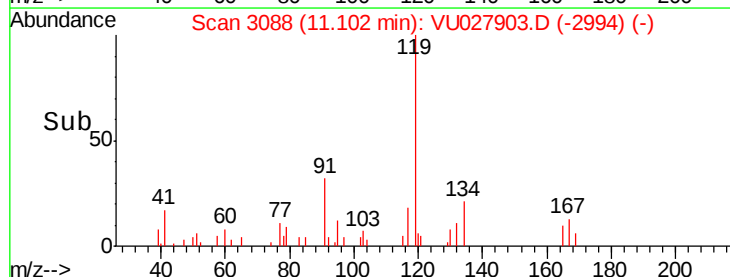
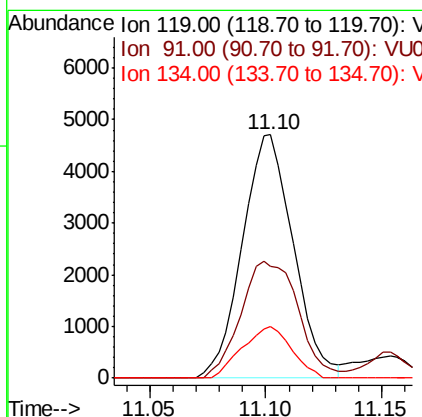
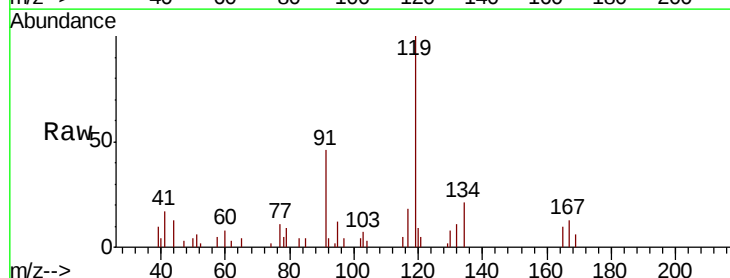
Manual Integrations
 APPROVED

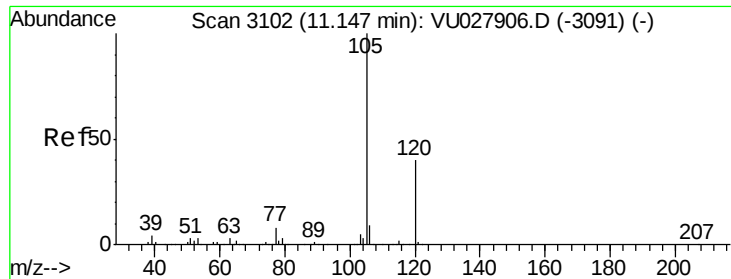
MMDadoda
 11/2/2018 9:01:45 AM



#83
 tert-Butylbenzene
 Concen: 1.169 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion: 119 Resp: 7218
 Ion Ratio Lower Upper
 119 100
 91 54.2 29.8 89.3
 134 20.5 11.1 33.1





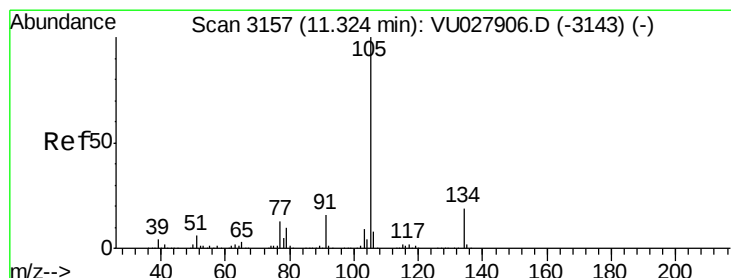
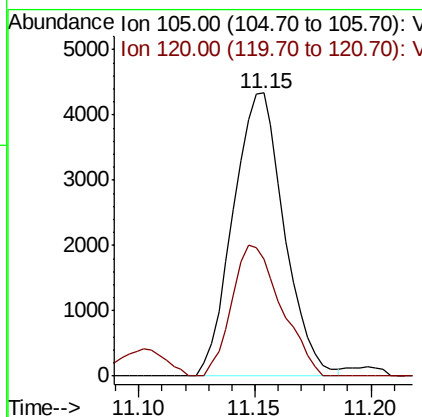
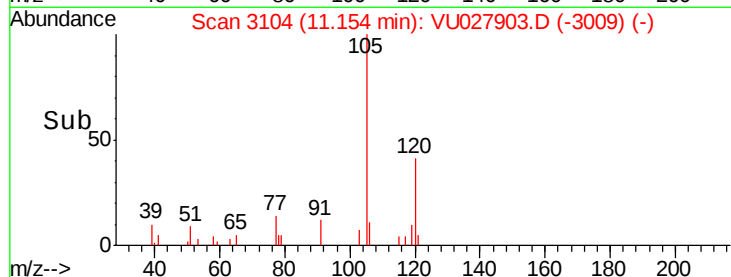
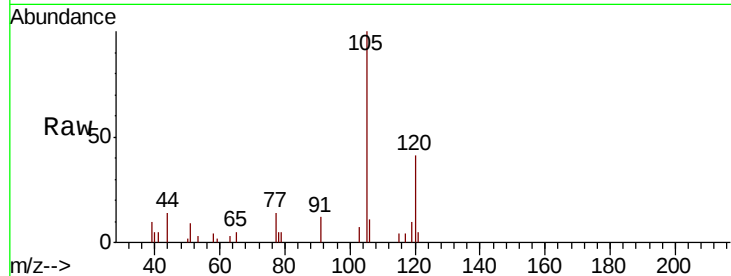
#84
 1,2,4-Trimethylbenzene
 Concen: 1.023 ug/l
 RT: 11.15 min Scan# 3104
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.1

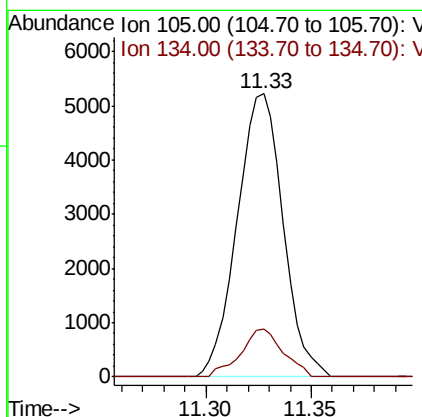
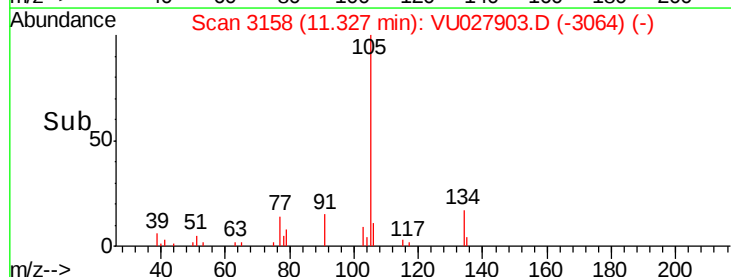
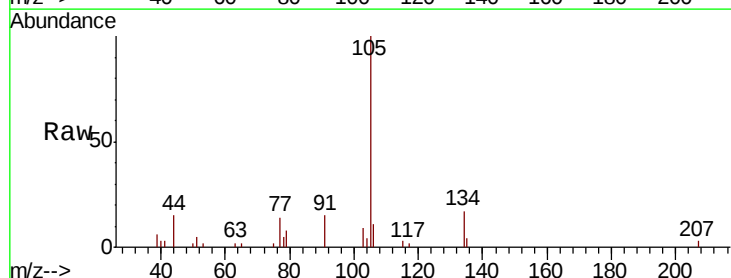
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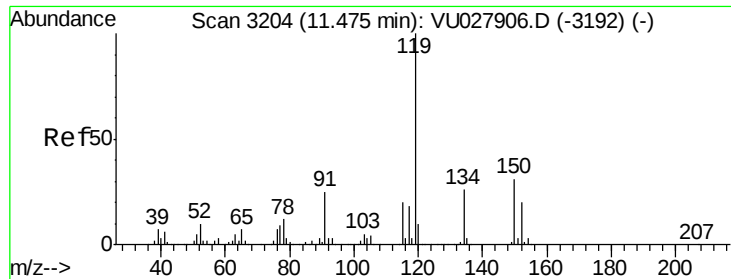
MMDadoda
 11/2/2018 9:01:45 AM



#85
 sec-Butylbenzene
 Concen: 1.017 ug/l
 RT: 11.33 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion	Ratio	Lower	Upper
105	100		
134	15.5	9.2	27.6





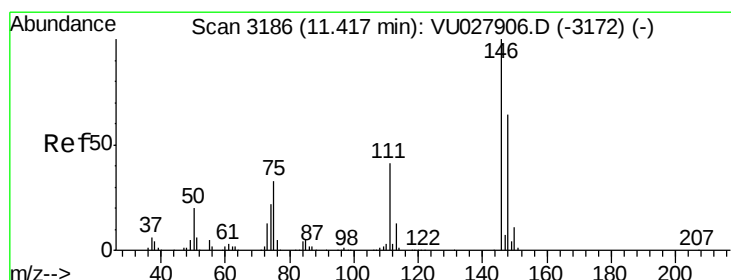
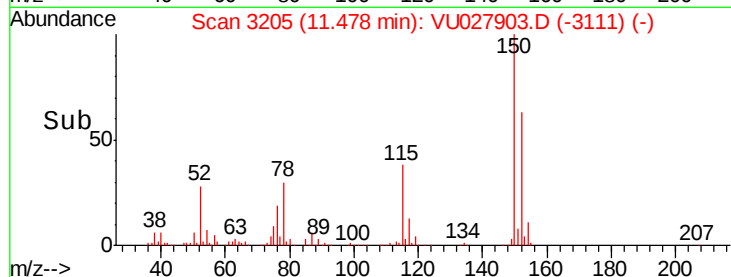
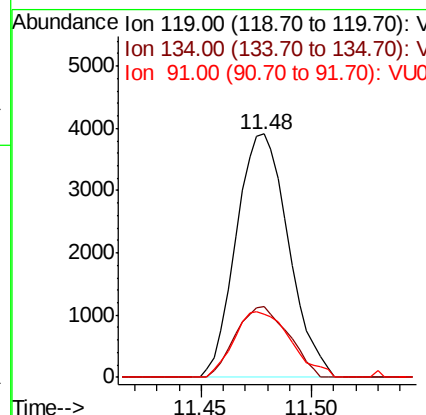
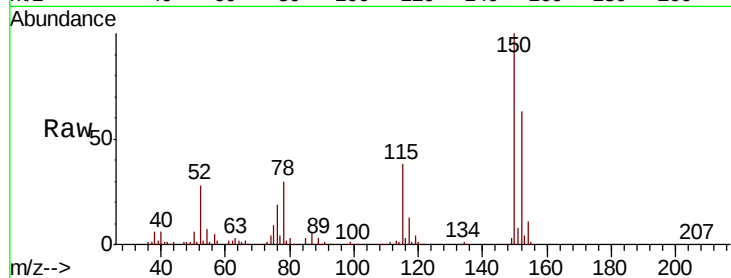
#86
 p-Isopropyltoluene
 Concen: 0.972 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.4	12.9	38.7
91	29.3	12.4	37.2

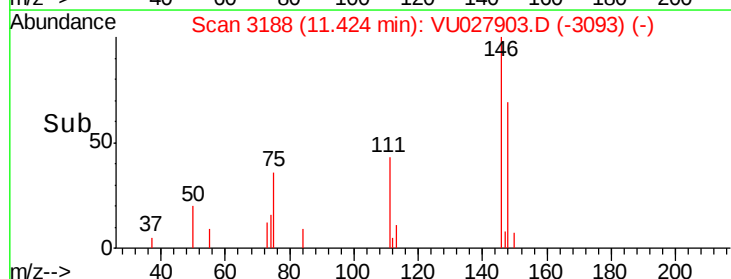
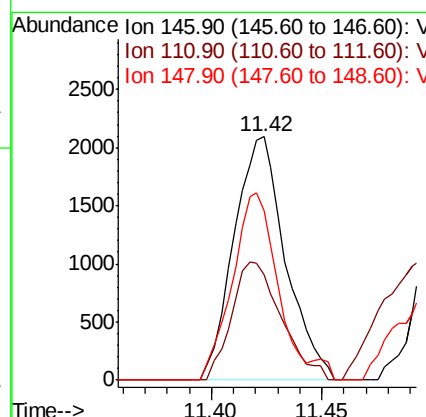
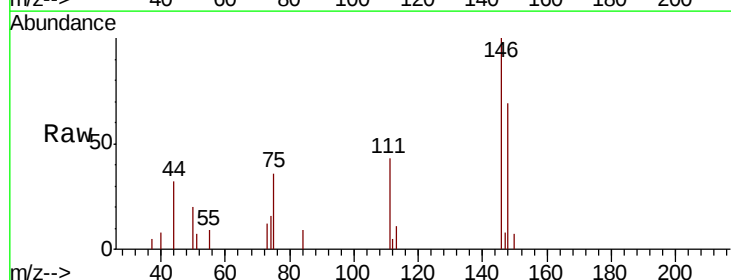
Manual Integrations
 APPROVED

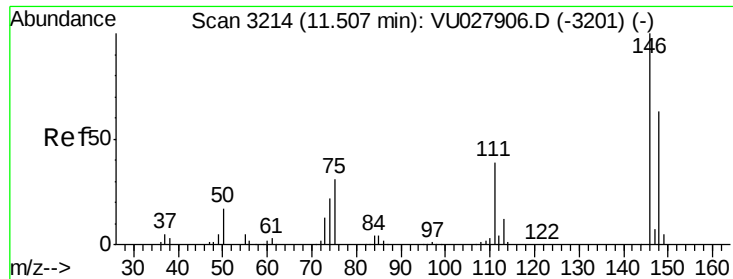
MMDadoda
 11/2/2018 9:01:45 AM



#87
 1,3-Dichlorobenzene
 Concen: 0.987 ug/l
 RT: 11.42 min Scan# 3188
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.7	20.3	61.0
148	69.4	31.8	95.4





#88

1,4-Dichlorobenzene

Concen: 1.040 ug/l m

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Instrument :

MSVOA_U

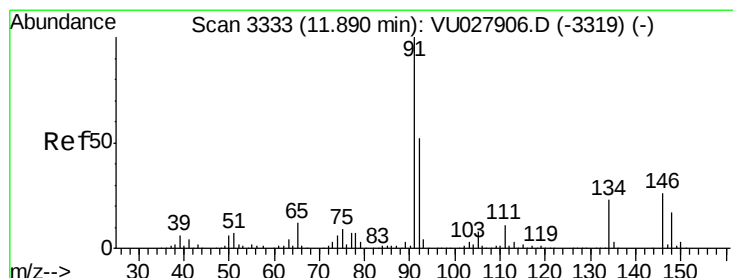
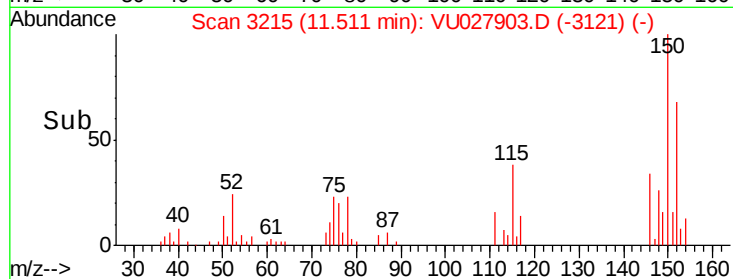
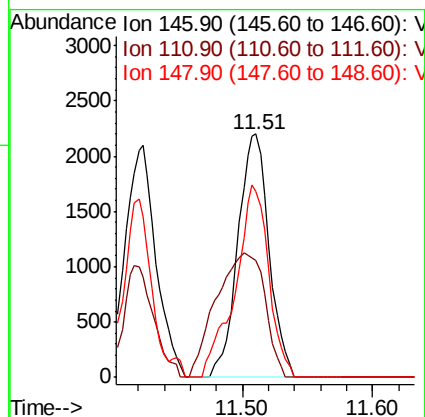
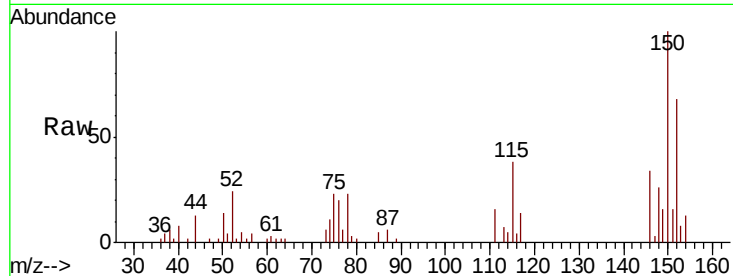
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	3652
Ion Ratio	Lower	Upper	
146	100		
111	43.4	20.3	60.9
148	64.5	32.0	96.2

Manual Integrations
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11/2/2018 9:01:45 AM



#89

n-Butylbenzene

Concen: 0.864 ug/l

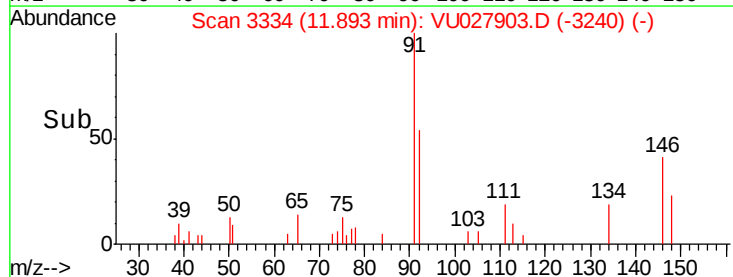
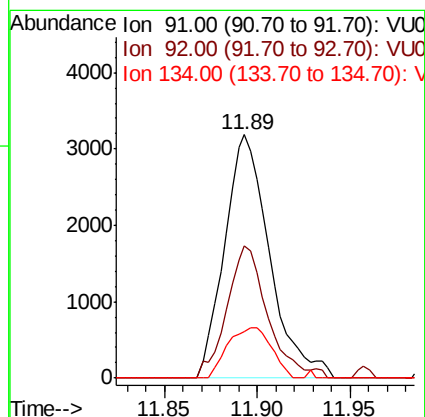
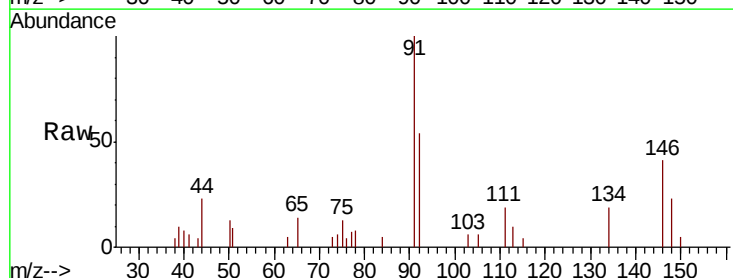
RT: 11.89 min Scan# 3334

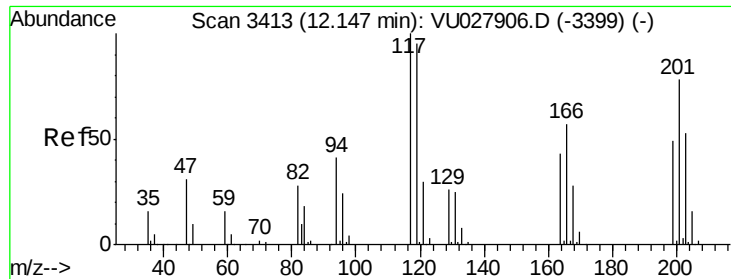
Delta R.T. 0.00 min

Lab File: VU027903.D

Acq: 01 Nov 2018 18:02

Tgt Ion:	91	Resp:	5365
Ion Ratio	Lower	Upper	
91	100		
92	49.3	26.2	78.5
134	20.0	11.5	34.5





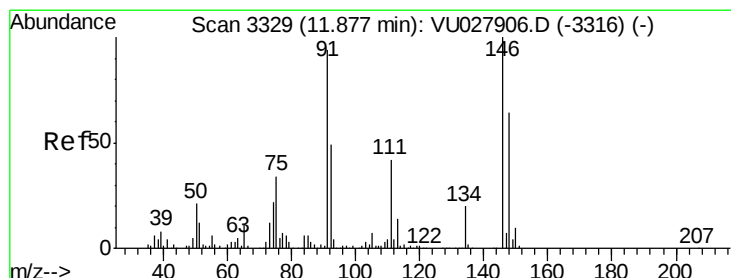
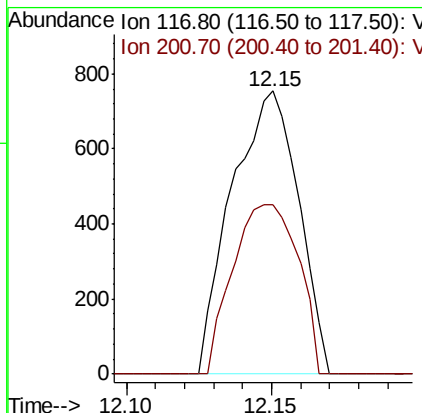
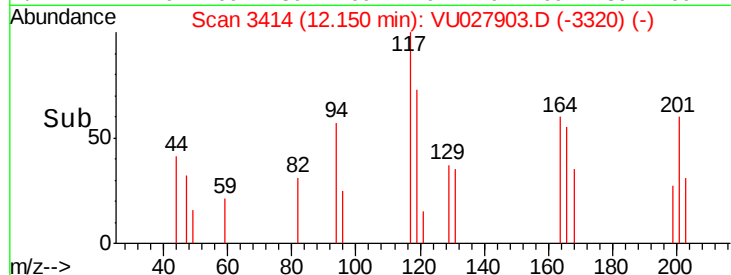
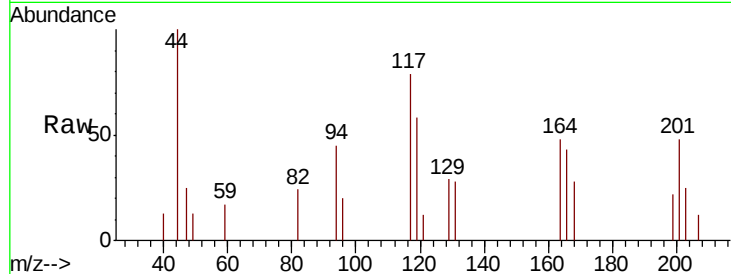
#90
Hexachloroethane
Concen: 0.969 ug/l
RT: 12.15 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 1206
Ion Ratio Lower Upper
117 100
201 58.8 38.5 115.5

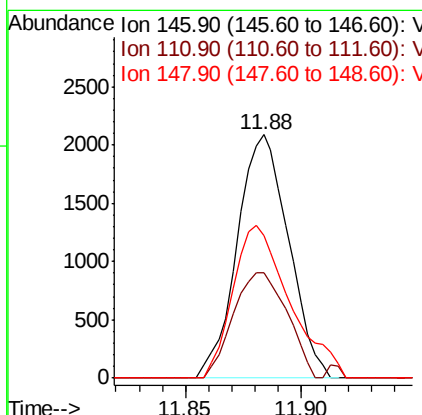
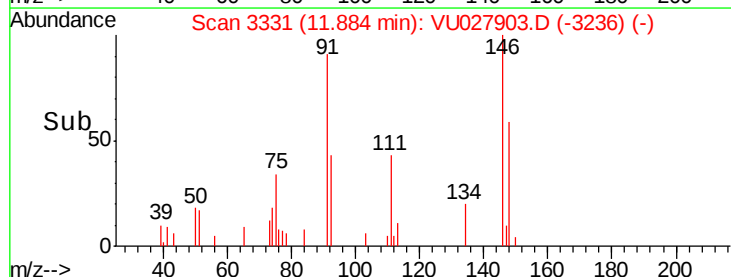
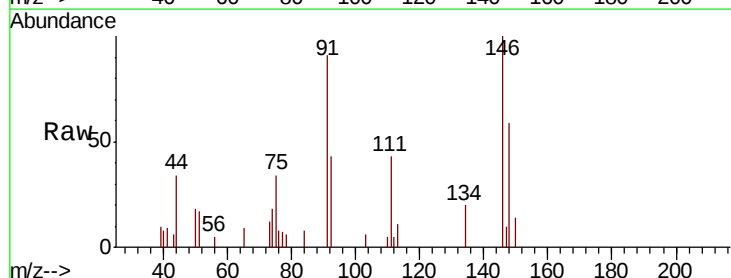
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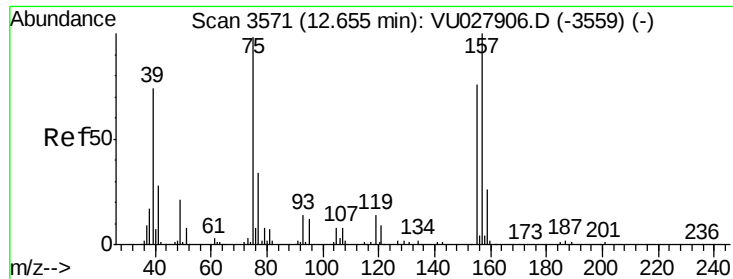
MMDadoda
11/2/2018 9:01:45 AM



#91
1,2-Dichlorobenzene
Concen: 0.954 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion:146 Resp: 3211
Ion Ratio Lower Upper
146 100
111 45.4 21.3 64.0
148 69.2 31.8 95.3





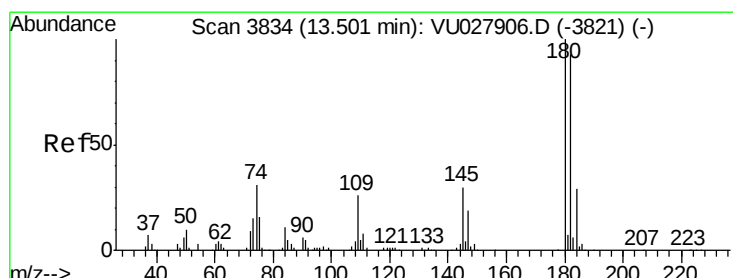
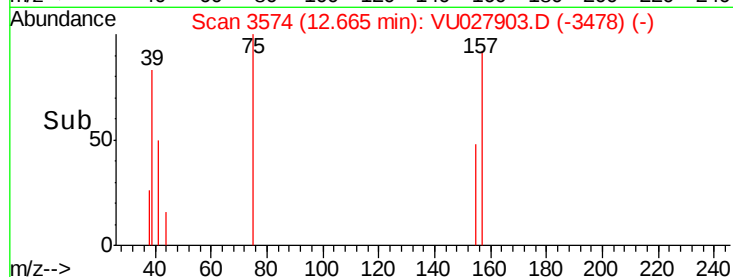
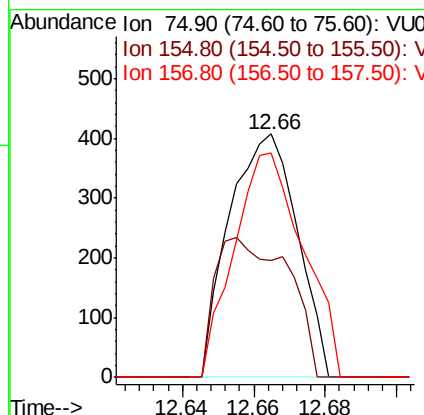
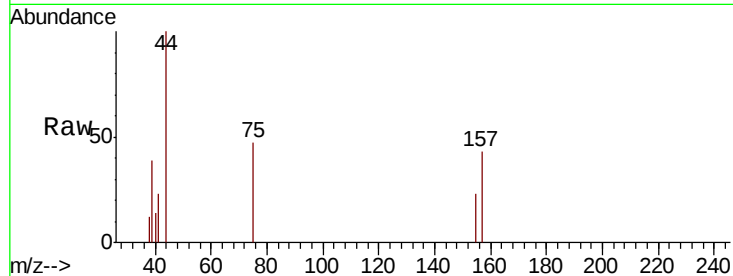
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.784 ug/l
 RT: 12.66 min Scan# 3574
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	62.1	39.8	119.3
157	94.2	50.6	151.9

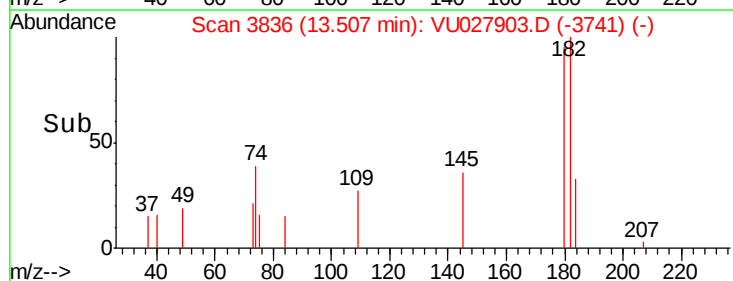
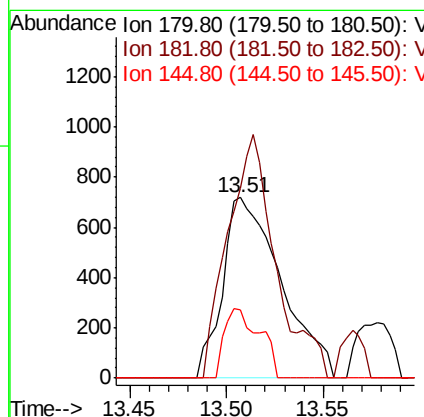
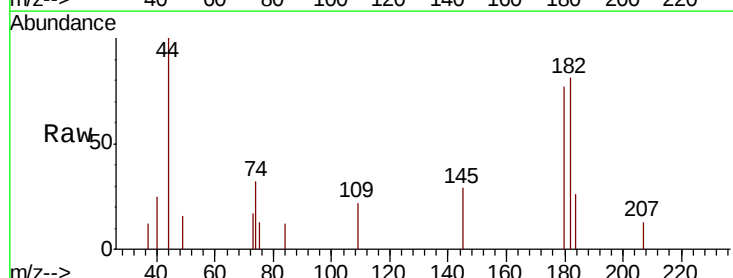
Manual Integrations
 APPROVED

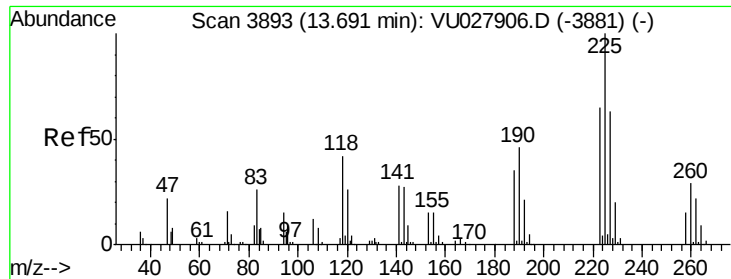
MMDadoda
 11/2/2018 9:01:45 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 0.695 ug/l
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	110.4	48.4	145.2
145	23.3	14.9	44.5





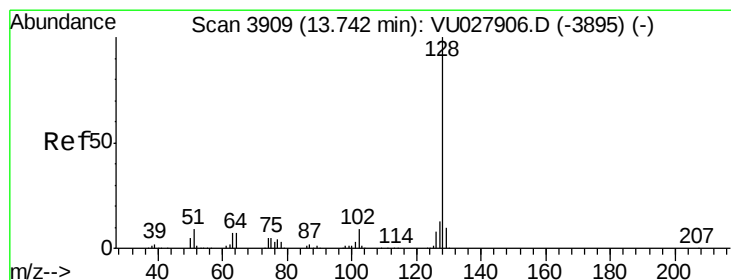
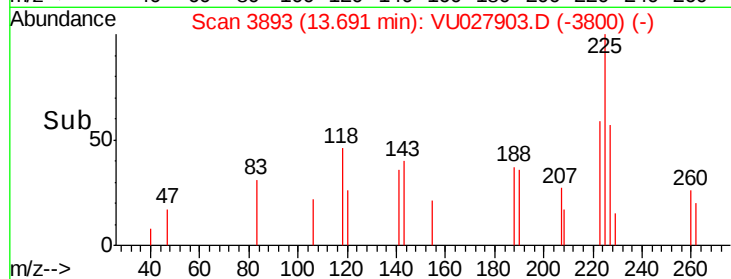
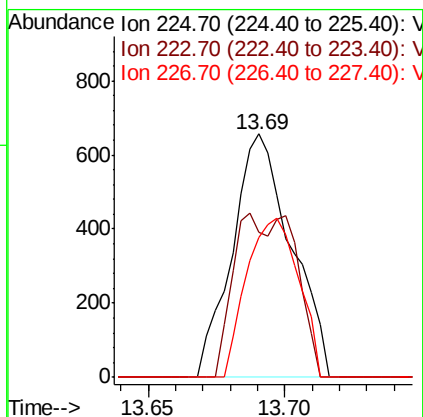
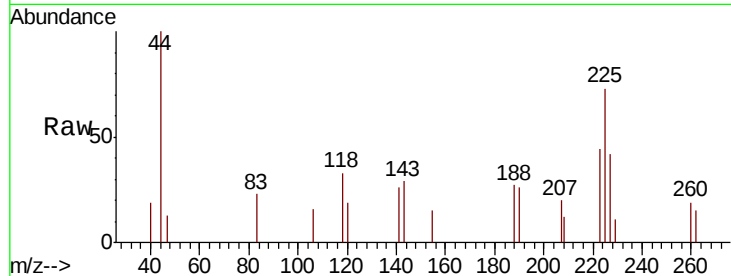
#94
Hexachlorobutadiene
Concen: 0.898 ug/l
RT: 13.69 min Scan# 3893
Delta R.T. -0.00 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
225	100		
223	40.5	32.2	96.6
227	57.7	32.5	97.4

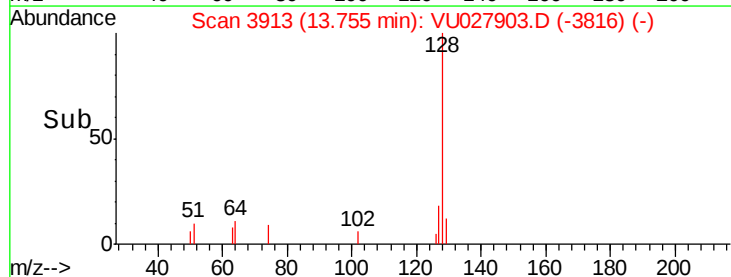
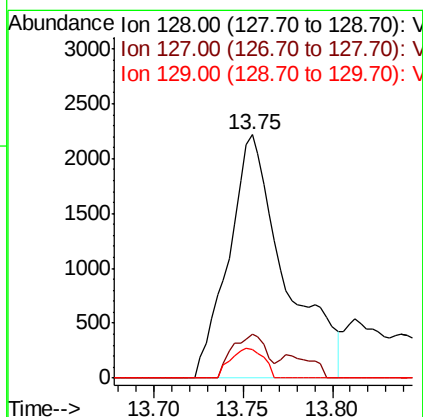
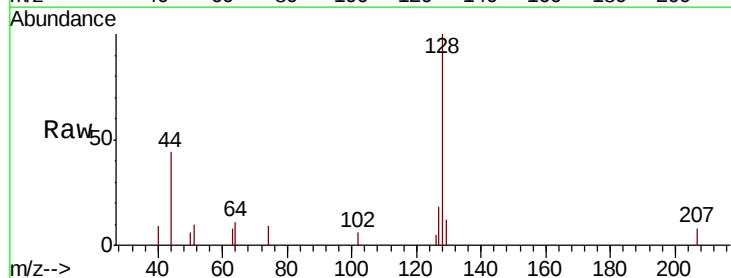
Manual Integrations
APPROVED

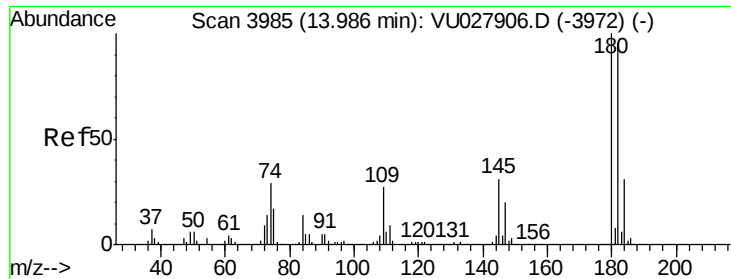
MMDadoda
11/2/2018 9:01:45 AM



#95
Naphthalene
Concen: 0.652 ug/l
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU027903.D
Acq: 01 Nov 2018 18:02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.4	15.6
129	7.2	8.3	12.5#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.827 ug/l m
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU027903.D
 Acq: 01 Nov 2018 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	69.5	47.4	142.3
145	29.9	16.0	47.9

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 9:01:45 AM

