

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029235.D
 Acq On : 21 Jan 2019 08:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/22/2019 10:40:07 AM

Quant Time: Jan 22 01:20:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	185647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	293247	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	264144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	144729	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	112192	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	4.88	113	96558	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	7.56	98	372127	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	10.30	95	131442	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	80421	43.681	ug/l	99
3) Chloromethane	1.33	50	116150	39.378	ug/l	97
4) Vinyl Chloride	1.40	62	119200	43.934	ug/l	100
5) Bromomethane	1.61	94	59802	42.411	ug/l	96
6) Chloroethane	1.69	64	69176	42.805	ug/l	98
7) Trichlorofluoromethane	1.88	101	132474	44.809	ug/l	97
8) Diethyl Ether	2.10	74	64632	45.505	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	89313	45.150	ug/l	99
10) Methyl Iodide	2.41	142	96851	52.071	ug/l	100
11) Tert butyl alcohol	2.83	59	130216	223.223	ug/l	100
12) 1,1-Dichloroethene	2.28	96	83814	43.530	ug/l	90
13) Acrolein	2.19	56	85688	195.621	ug/l	99
14) Allyl chloride	2.59	41	179189m	50.722	ug/l	
15) Acrylonitrile	2.93	53	364008	254.347	ug/l	99
16) Acetone	2.32	43	434981	300.872	ug/l	96
17) Carbon Disulfide	2.48	76	264048	41.317	ug/l	100
18) Methyl Acetate	2.61	43	189150	56.268	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	324004	47.864	ug/l	98
20) Methylene Chloride	2.70	84	109494	44.607	ug/l	94
21) trans-1,2-Dichloroethene	2.98	96	100602	44.972	ug/l	97
22) Diisopropyl ether	3.57	45	352711	50.516	ug/l	100
23) Vinyl Acetate	3.52	43	1430938	250.691	ug/l	99
24) 1,1-Dichloroethane	3.44	63	199830	49.578	ug/l	100
25) 2-Butanone	4.26	43	538182	275.612	ug/l	100
26) 2,2-Dichloropropane	4.22	77	164308	50.450	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	118340	48.368	ug/l	97
28) Bromochloromethane	4.55	49	87809	50.877	ug/l	99
29) Tetrahydrofuran	4.63	42	293526	247.842	ug/l	99
30) Chloroform	4.67	83	191730	49.942	ug/l	96
31) Cyclohexane	4.99	56	176546	46.318	ug/l	99
32) 1,1,1-Trichloroethane	4.91	97	154197	48.609	ug/l	99
36) 1,1-Dichloropropene	5.13	75	141938	48.424	ug/l	98
37) Ethyl Acetate	4.38	43	168278	52.303	ug/l	99
38) Carbon Tetrachloride	5.13	117	128711	52.649	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	175817	48.791	ug/l	99
40) Benzene	5.39	78	448587	49.063	ug/l	99
41) Methacrylonitrile	4.54	41	93267	54.155	ug/l	98
42) 1,2-Dichloroethane	5.40	62	147055	53.525	ug/l	98
43) Isopropyl Acetate	5.54	43	260001	52.680	ug/l	100
44) Trichloroethene	6.18	130	110309	48.693	ug/l	95
45) 1,2-Dichloropropane	6.43	63	126813	52.522	ug/l	99
46) Dibromomethane	6.56	93	78342	50.757	ug/l	99
47) Bromodichloromethane	6.76	83	150550	52.977	ug/l	100
48) Methyl methacrylate	6.62	41	129271	53.791	ug/l	99
49) 1,4-Dioxane	6.61	88	61089	1072.635	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	887654	264.271	ug/l	99
52) Toluene	7.63	92	269168	48.359	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	174167	51.019	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	188918	51.214	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	114369	51.290	ug/l	97
56) Ethyl methacrylate	8.02	69	176701	51.437	ug/l	97
57) 1,3-Dichloropropane	8.24	76	197857	51.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	370540	245.264	ug/l	98
59) 2-Hexanone	8.36	43	733403	278.163	ug/l	98
60) Dibromochloromethane	8.48	129	117130	53.021	ug/l	98
61) 1,2-Dibromoethane	8.58	107	121621	50.290	ug/l	100
64) Tetrachloroethene	8.22	164	96964	50.959	ug/l	95
65) Chlorobenzene	9.12	112	272113	45.958	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	94351	49.104	ug/l	99
67) Ethyl Benzene	9.25	91	487443	49.310	ug/l	97
68) m/p-Xylenes	9.37	106	371348	96.683	ug/l	97
69) o-Xylene	9.78	106	185542	50.135	ug/l	98
70) Styrene	9.79	104	312215	51.462	ug/l	99
71) Bromoform	9.95	173	86955	50.825	ug/l #	100
73) Isopropylbenzene	10.16	105	485356	45.308	ug/l	100
74) N-amyl acetate	10.01	43	217334	47.081	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	204570	47.648	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	164189m	46.301	ug/l	
77) Bromobenzene	10.45	156	129623	46.432	ug/l	97
78) n-propylbenzene	10.58	91	626737	49.645	ug/l	99
79) 2-Chlorotoluene	10.66	91	355455	46.415	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	431648	48.252	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	74542m	54.214	ug/l	
82) 4-Chlorotoluene	10.77	91	421032	47.946	ug/l	99
83) tert-Butylbenzene	11.10	119	422898	47.963	ug/l	100
84) 1,2,4-Trimethylbenzene	11.14	105	444243	49.739	ug/l	99
85) sec-Butylbenzene	11.32	105	540272	50.666	ug/l	100
86) p-Isopropyltoluene	11.47	119	472575	52.008	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	244096	47.670	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	248860	47.083	ug/l	99
89) n-Butylbenzene	11.89	91	459152	56.615	ug/l	99
90) Hexachloroethane	12.14	117	79772	52.186	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	246826	47.857	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	43813	53.057	ug/l	97

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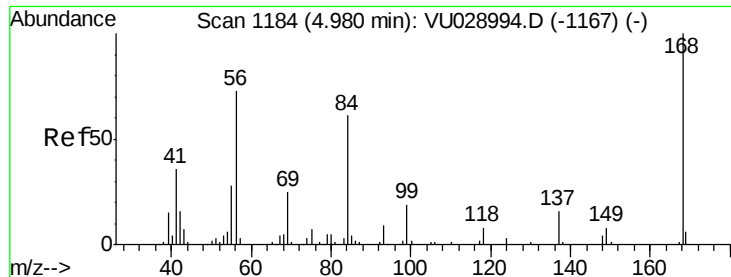
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	170758	51.866	ug/l	98
94) Hexachlorobutadiene	13.69	225	85142	56.539	ug/l	99
95) Naphthalene	13.74	128	523002	46.697	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	169435	49.991	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 185647

Ion Ratio Lower Upper

168 100

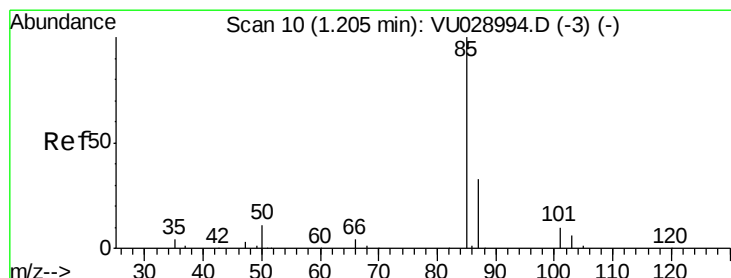
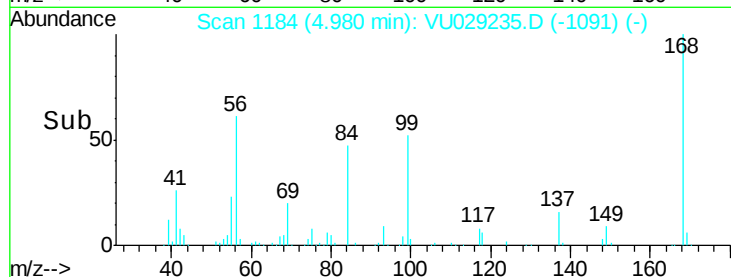
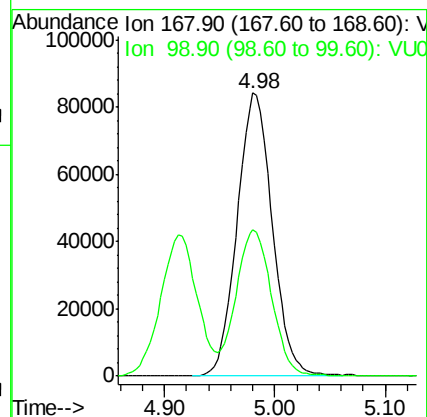
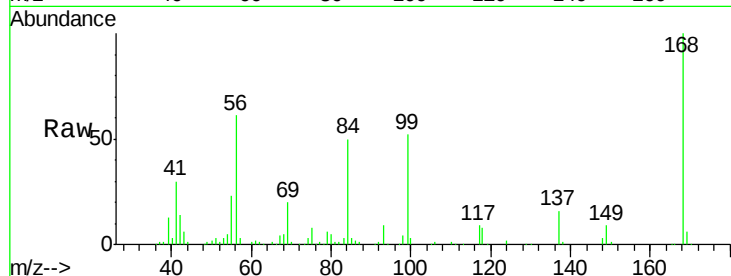
99 51.2 42.0 63.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 43.681 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU029235.D

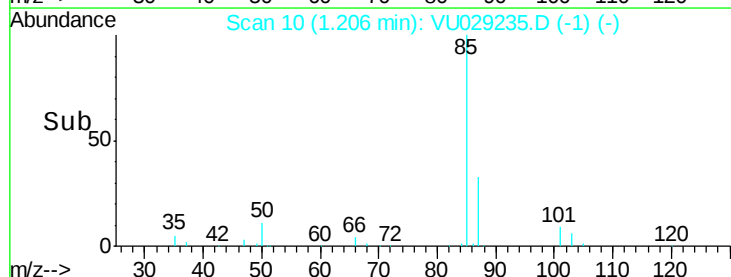
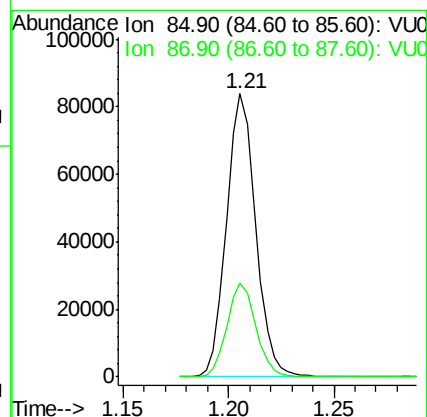
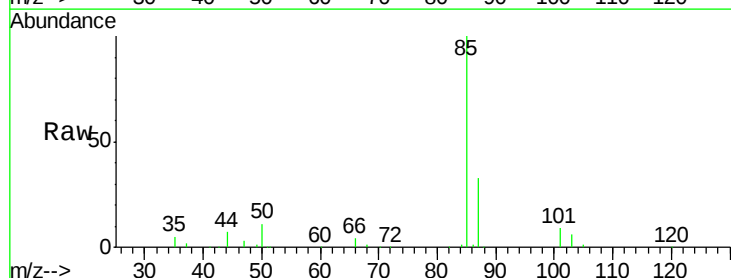
Acq: 21 Jan 2019 08:57

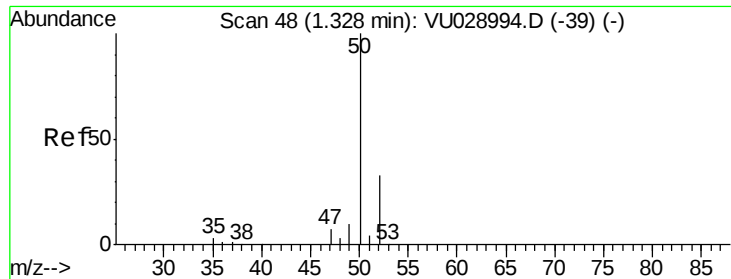
Tgt Ion: 85 Resp: 80421

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8





#3

Chloromethane

Concen: 39.378 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 116150

Ion Ratio Lower Upper

50 100

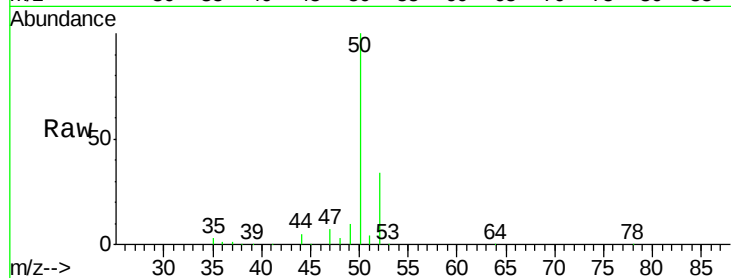
52 34.2 26.1 39.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

120000

100000

80000

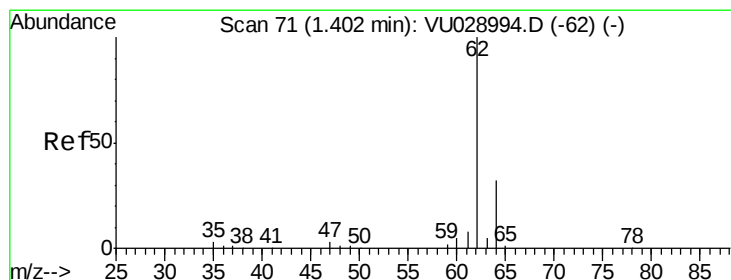
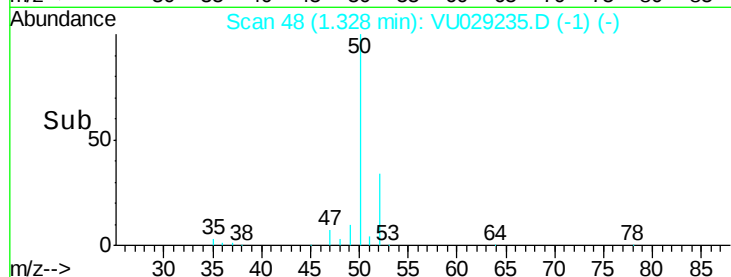
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 43.934 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU029235.D

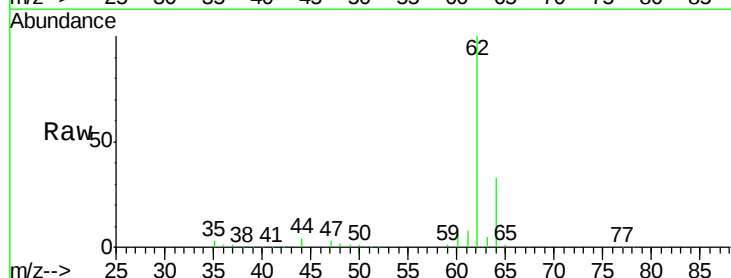
Acq: 21 Jan 2019 08:57

Tgt Ion: 62 Resp: 119200

Ion Ratio Lower Upper

62 100

64 32.7 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

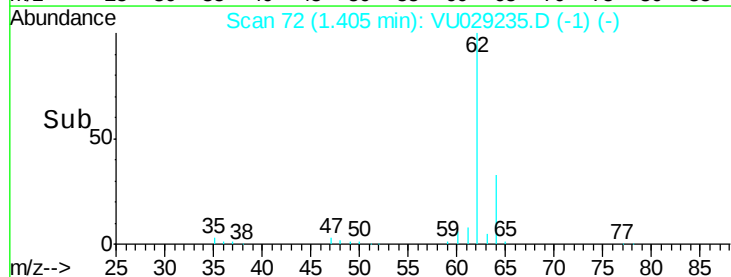
1.40

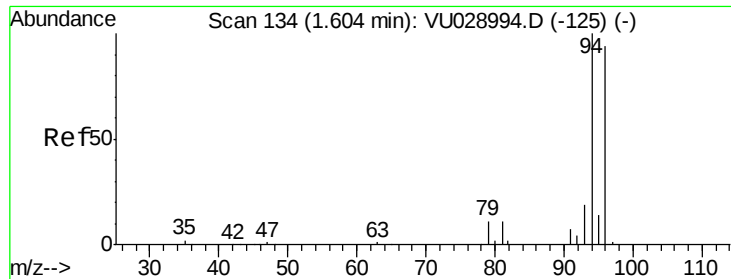
100000

50000

0

Time-->





#5

Bromomethane

Concen: 42.411 ug/l

RT: 1.61 min Scan# 137

Delta R.T. 0.01 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 59802

Ion Ratio Lower Upper

94 100

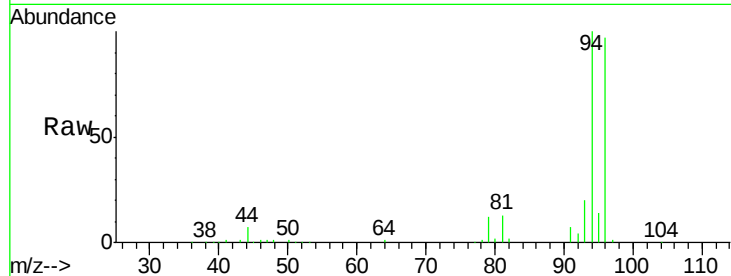
96 97.8 75.5 113.3

Manual Integrations

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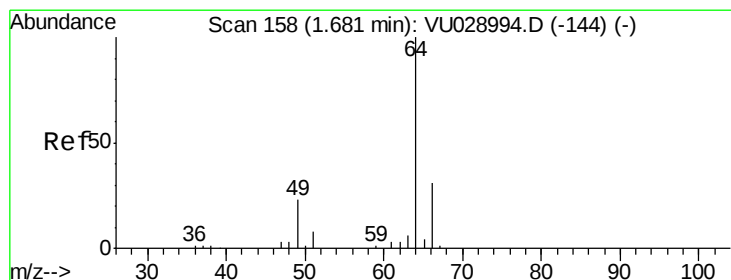
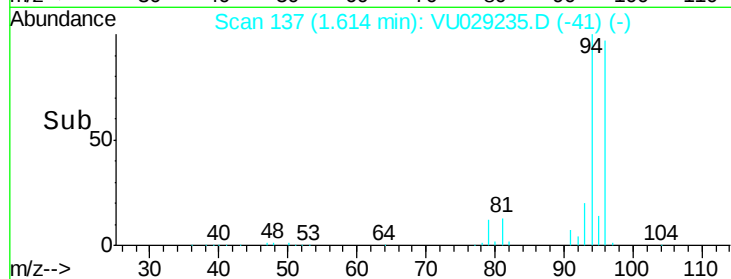
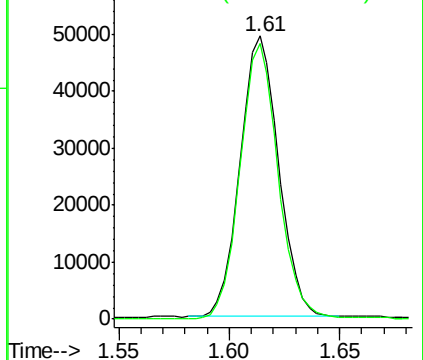
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 42.805 ug/l

RT: 1.69 min Scan# 161

Delta R.T. 0.01 min

Lab File: VU029235.D

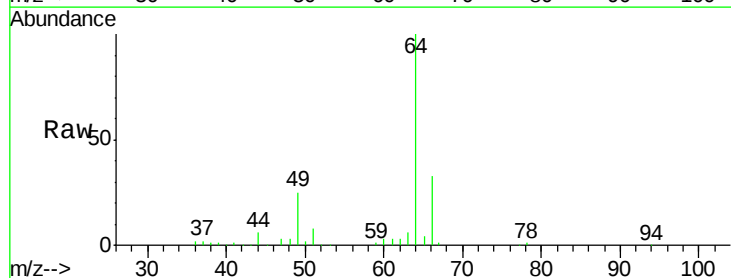
Acq: 21 Jan 2019 08:57

Tgt Ion: 64 Resp: 69176

Ion Ratio Lower Upper

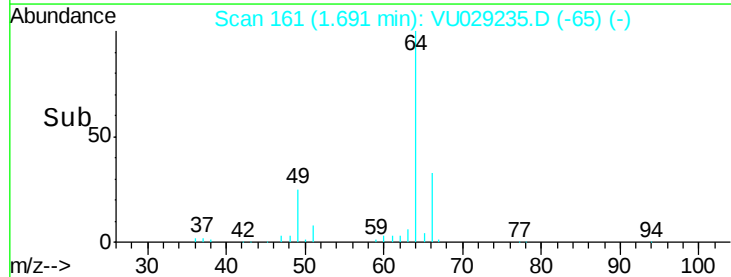
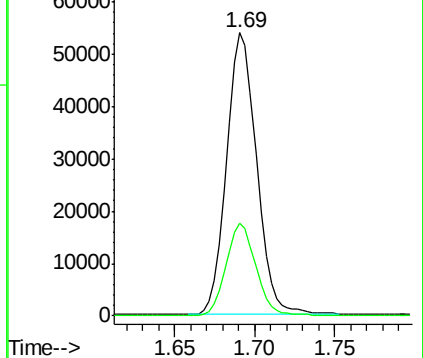
64 100

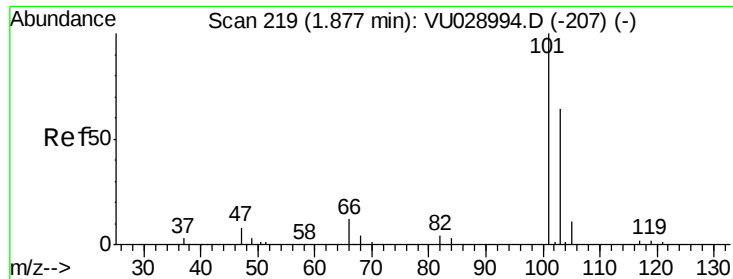
66 32.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

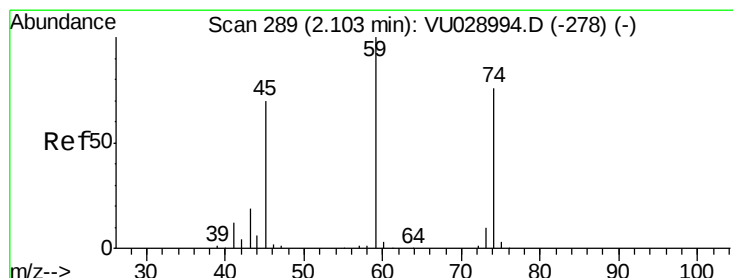
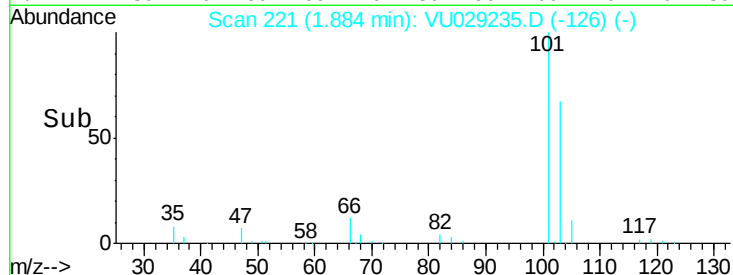
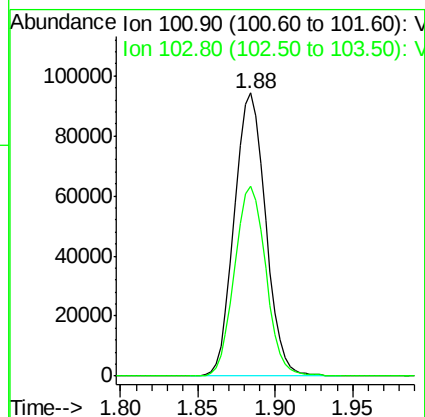
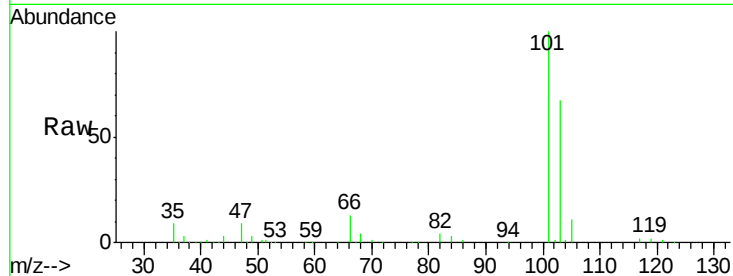
Trichlorofluoromethane
Concen: 44.809 ug/l
RT: 1.88 min Scan# 221
Delta R.T. 0.01 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 132474
Ion Ratio Lower Upper
101 100
103 67.0 51.5 77.3

Manual Integrations
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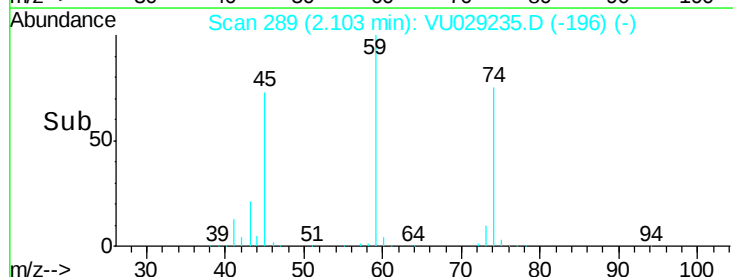
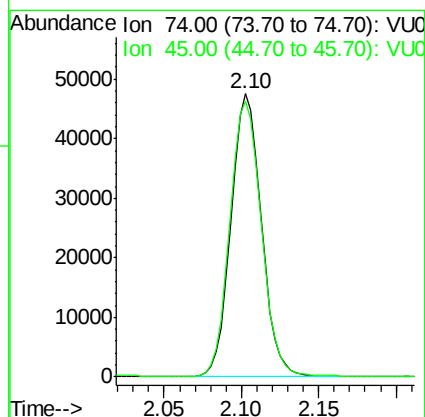
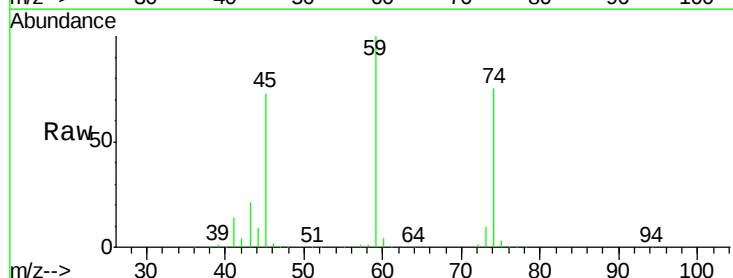
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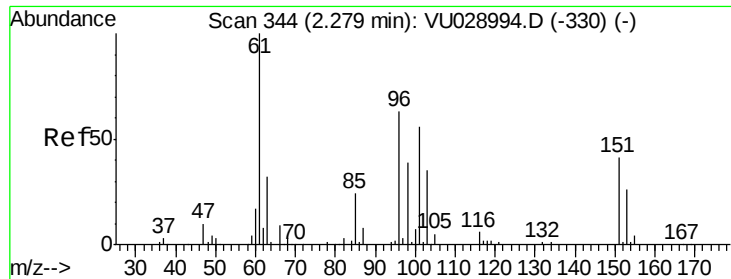


#8

Diethyl Ether
Concen: 45.505 ug/l
RT: 2.10 min Scan# 289
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion: 74 Resp: 64632
Ion Ratio Lower Upper
74 100
45 100.9 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.150 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

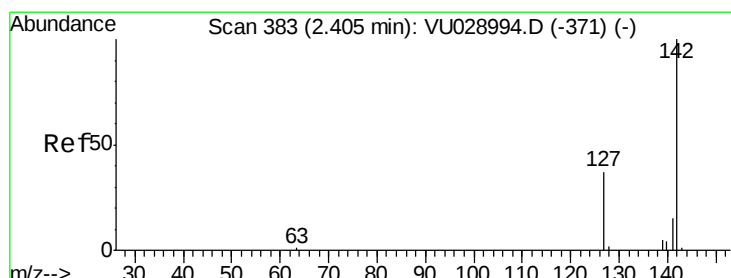
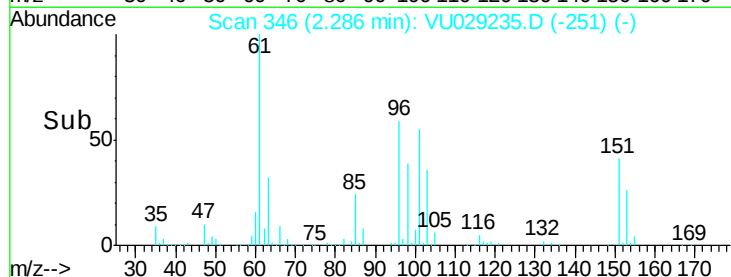
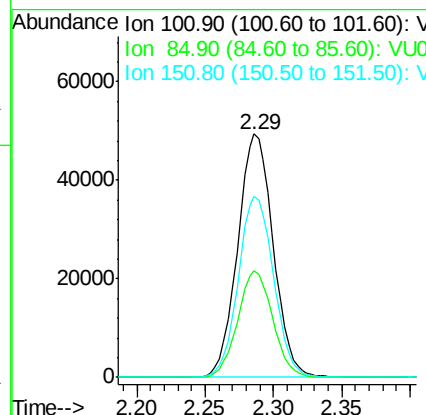
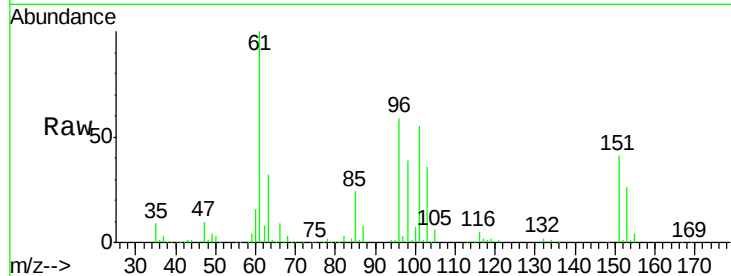
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	89313
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.1	52.7
151	73.8	60.2	90.2

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#10

Methyl Iodide

Concen: 52.071 ug/l

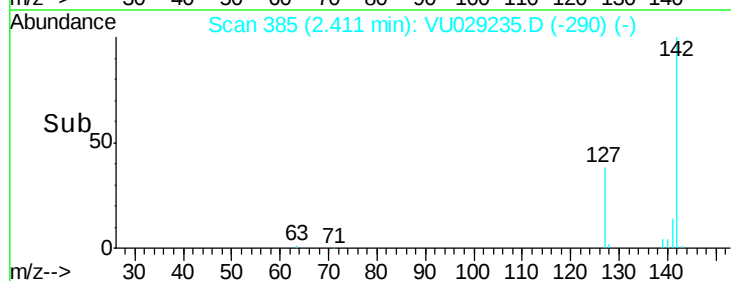
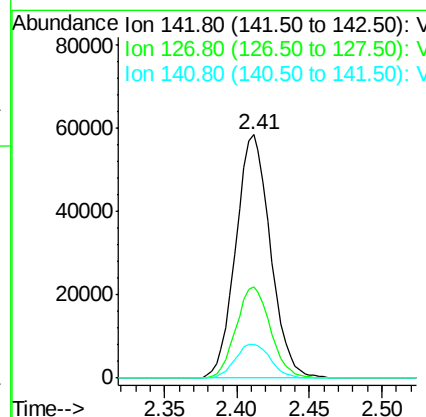
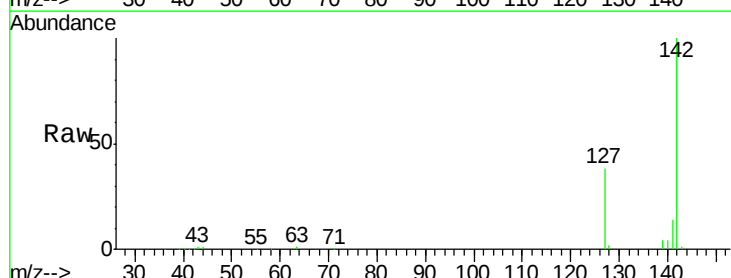
RT: 2.41 min Scan# 385

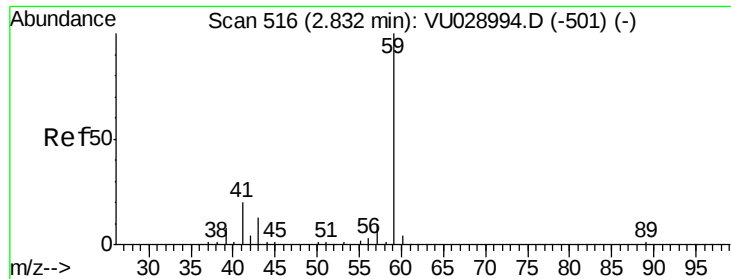
Delta R.T. 0.01 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Tgt Ion:	142	Resp:	96851
Ion Ratio	Lower	Upper	
142	100		
127	37.3	29.8	44.6
141	14.0	11.5	17.3





#11

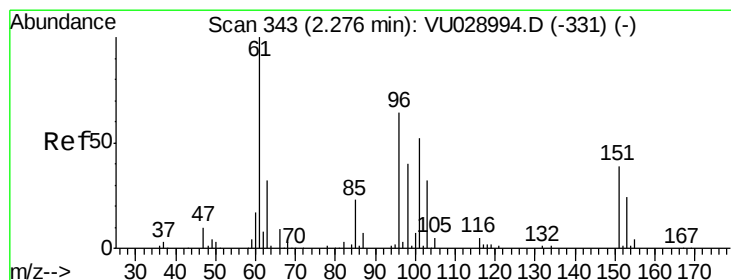
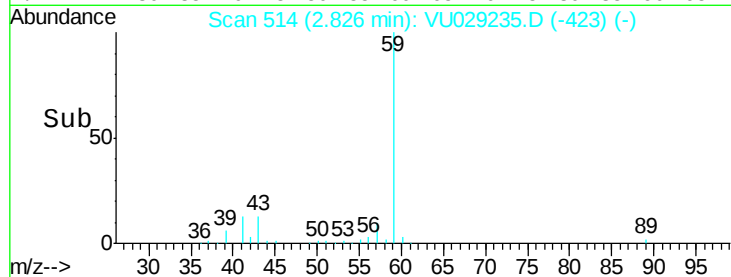
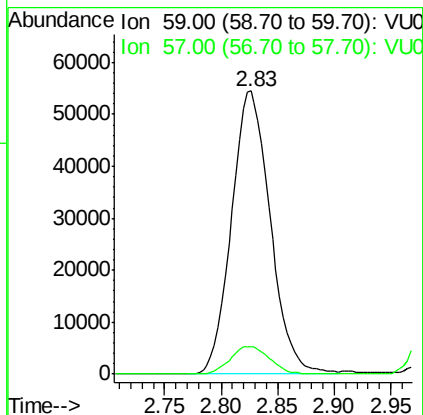
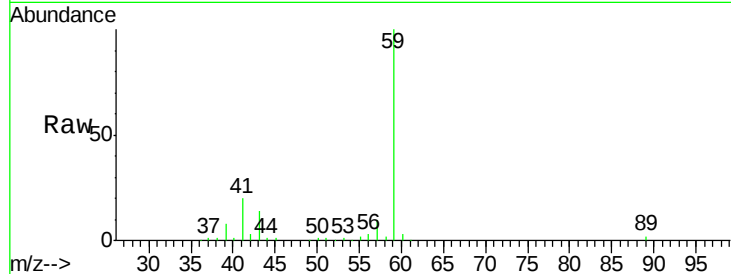
Tert butyl alcohol
Concen: 223.223 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.01 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	130216		
57	9.9		7.9	11.9

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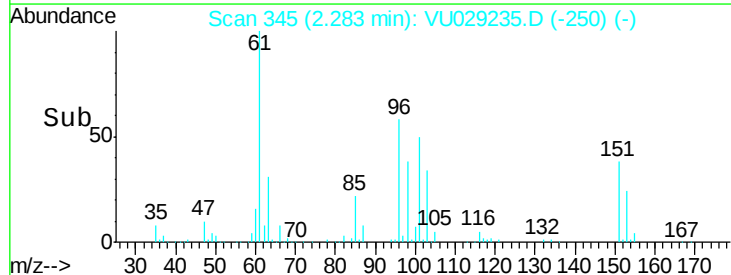
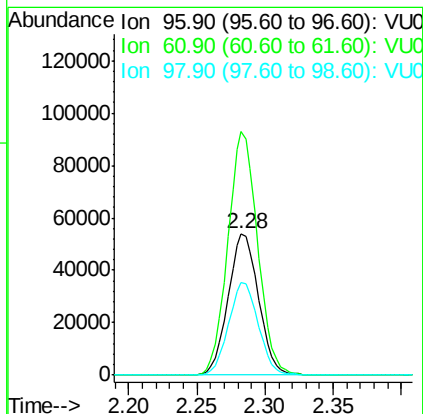
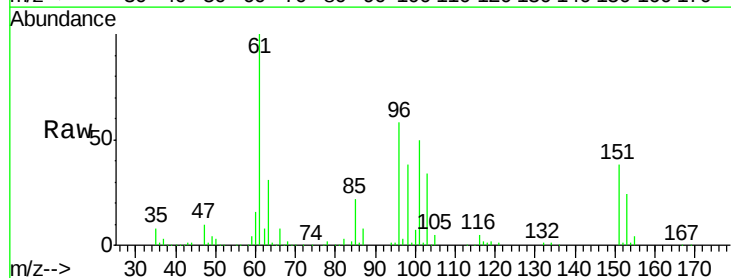
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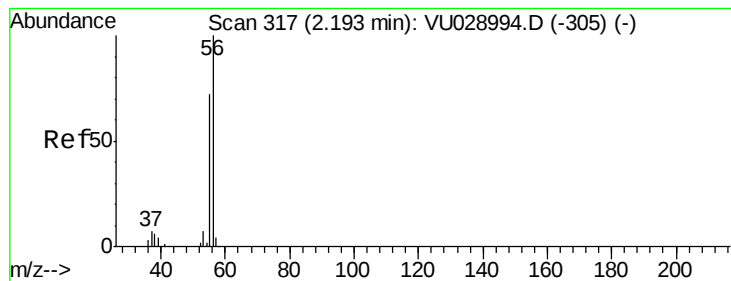


#12

1,1-Dichloroethene
Concen: 43.530 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.01 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	83814		
61	171.8		125.4	188.0
98	65.7		49.7	74.5





#13

Acrolein

Concen: 195.621 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 85688

Ion Ratio Lower Upper

56 100

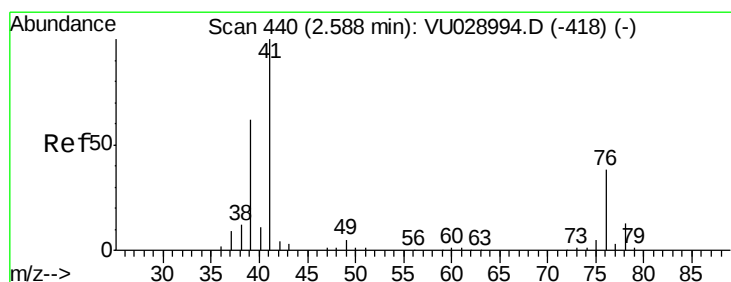
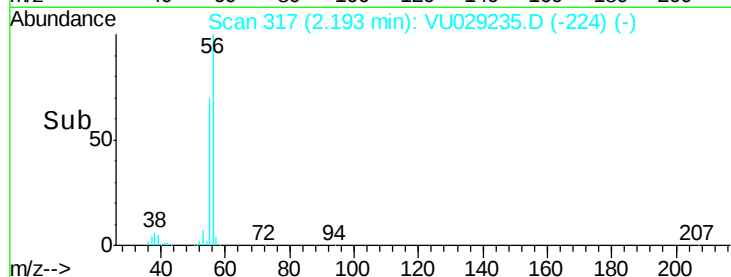
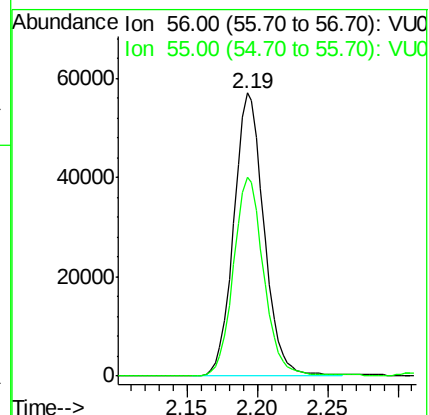
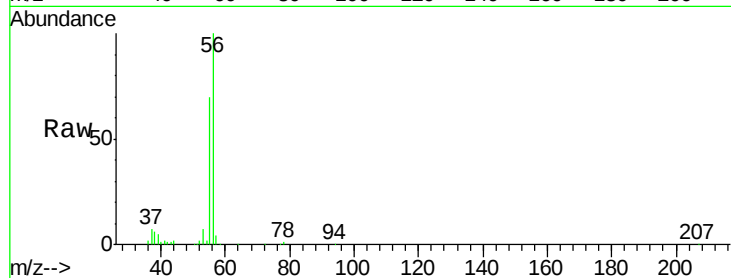
55 70.1 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 50.722 ug/l m

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

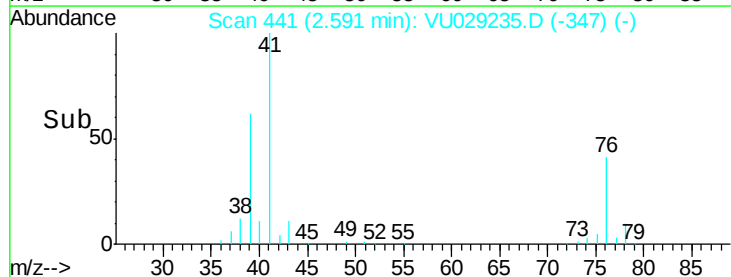
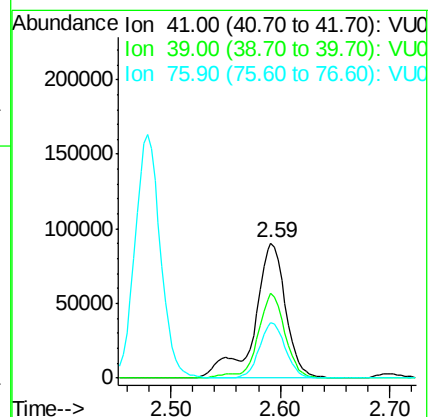
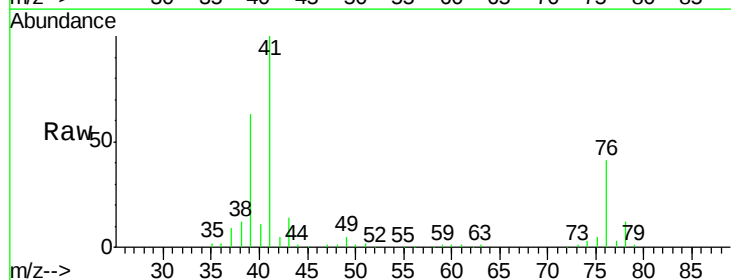
Tgt Ion: 41 Resp: 179189

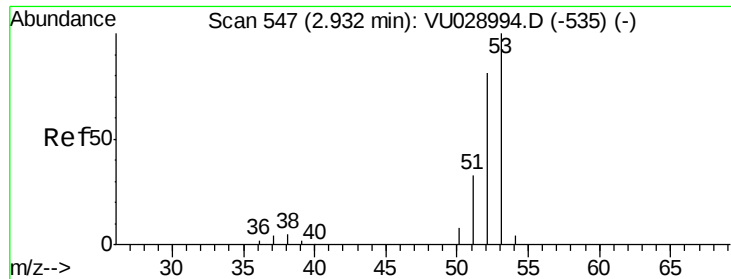
Ion Ratio Lower Upper

41 100

39 54.9 45.0 67.6

76 34.4 28.1 42.1





#15

Acrylonitrile

Concen: 254.347 ug/l

RT: 2.93 min Scan# 547

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

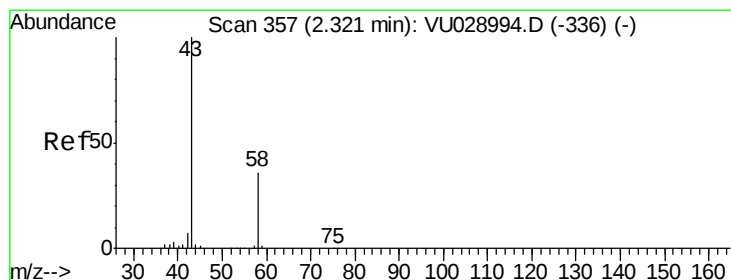
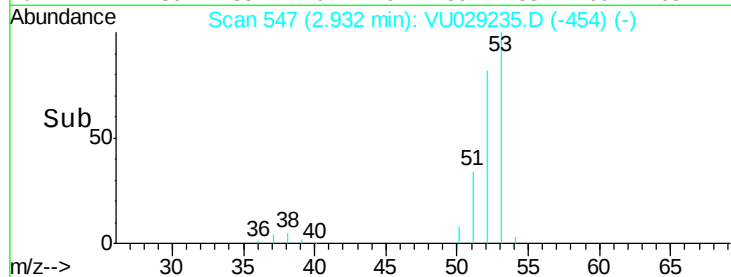
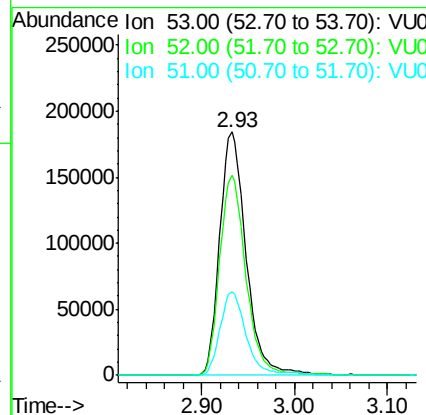
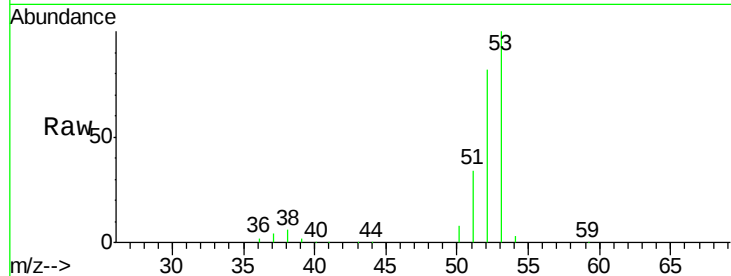
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	364008
Ion	Ratio	Lower	Upper
53	100		
52	82.0	64.8	97.2
51	34.4	27.3	40.9

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#16

Acetone

Concen: 300.872 ug/l

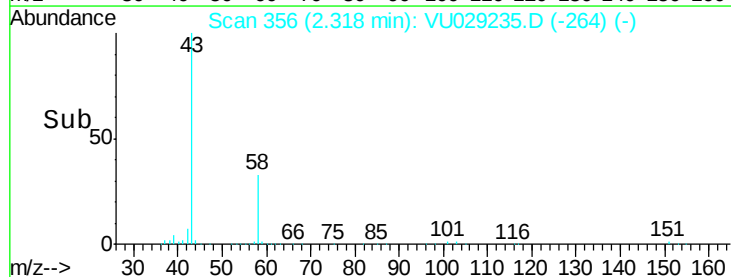
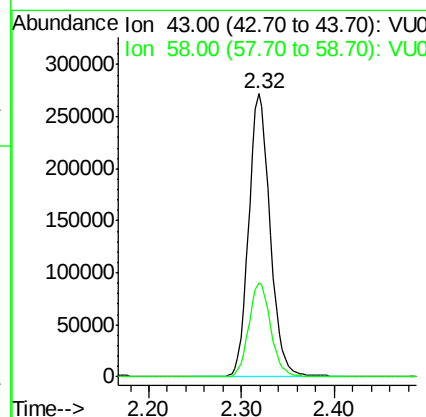
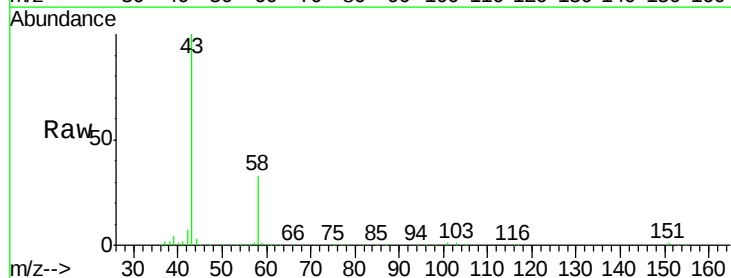
RT: 2.32 min Scan# 356

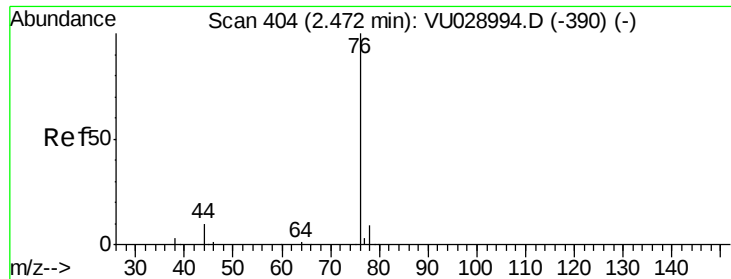
Delta R.T. -0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Tgt Ion:	43	Resp:	434981
Ion	Ratio	Lower	Upper
43	100		
58	33.3	28.6	42.8





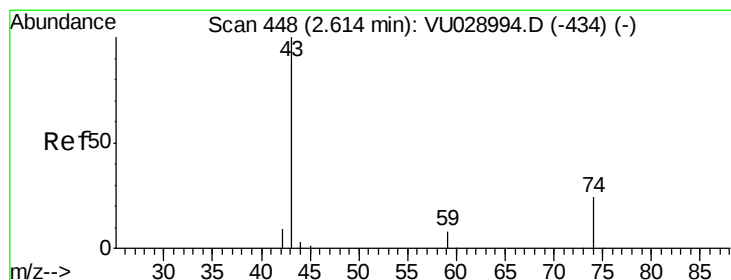
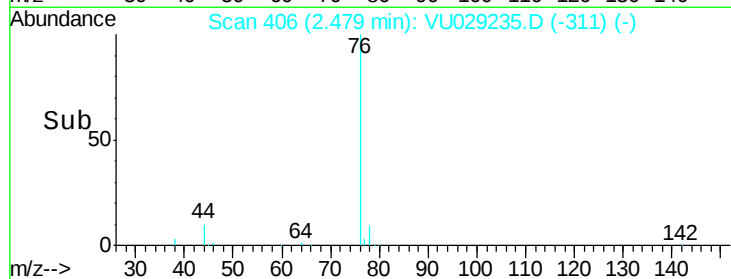
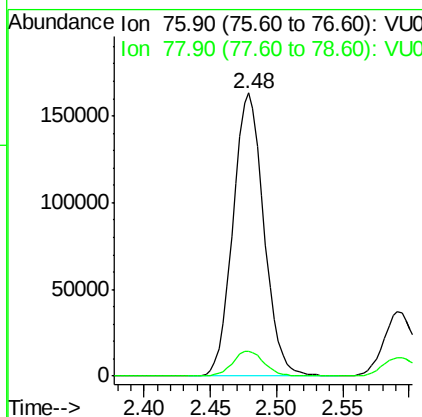
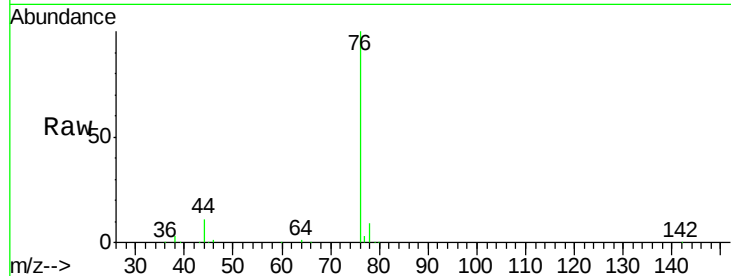
#17
Carbon Disulfide
Concen: 41.317 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.01 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

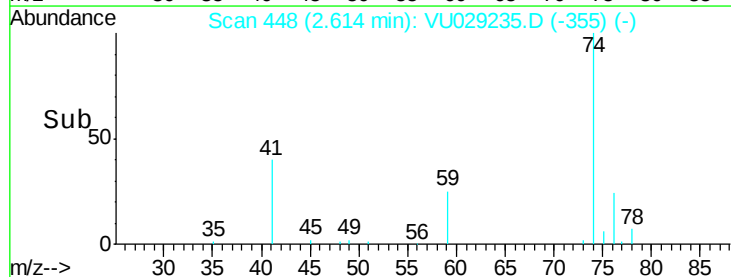
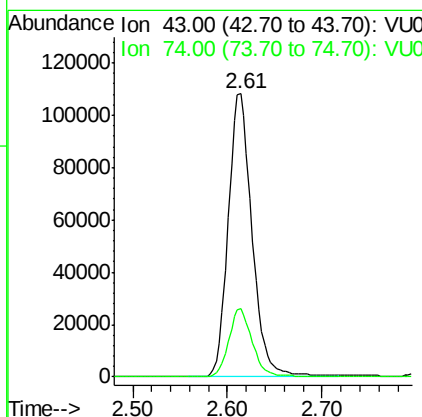
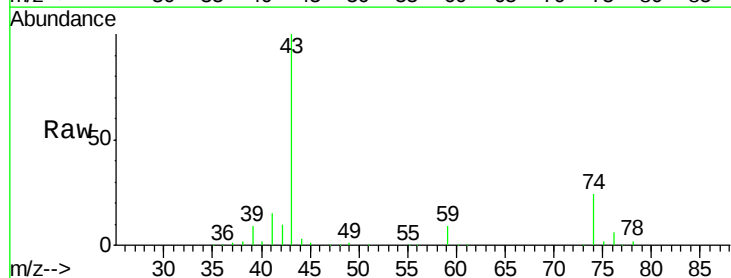
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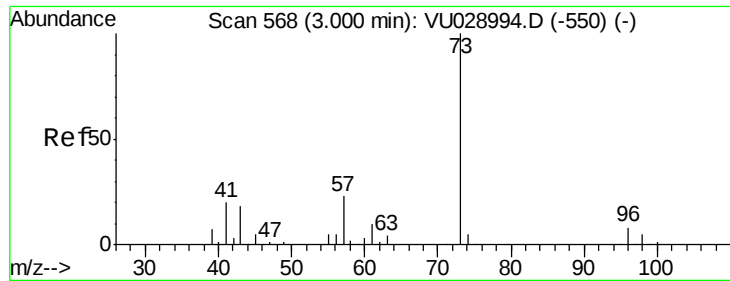
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#18
Methyl Acetate
Concen: 56.268 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.5	29.3





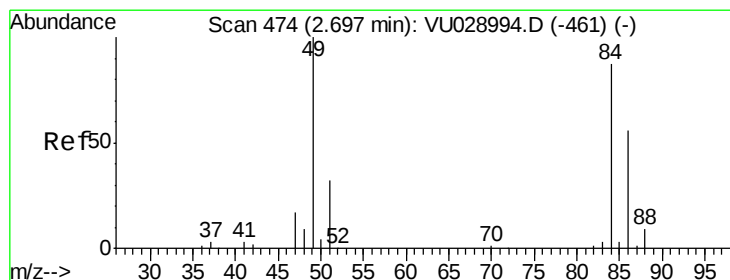
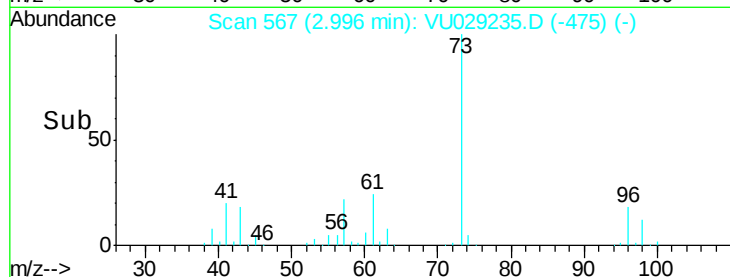
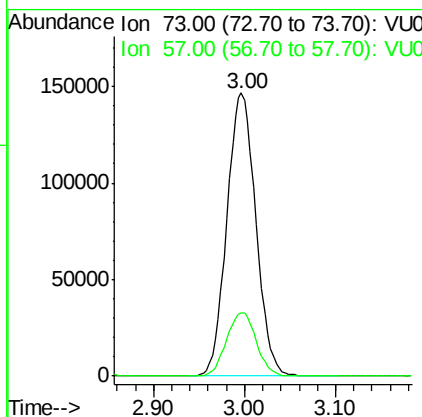
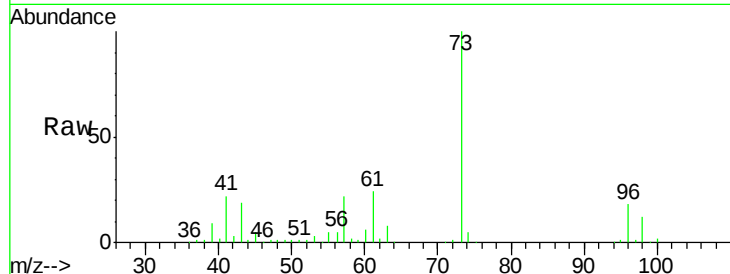
#19
Methyl tert-butyl Ether
Concen: 47.864 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 324004
Ion Ratio Lower Upper
73 100
57 22.5 18.6 28.0

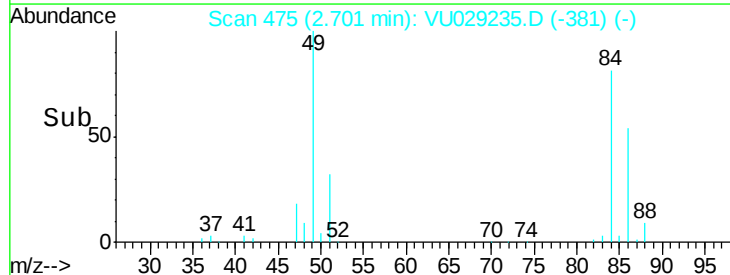
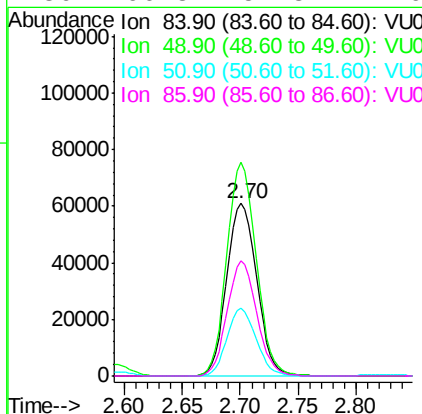
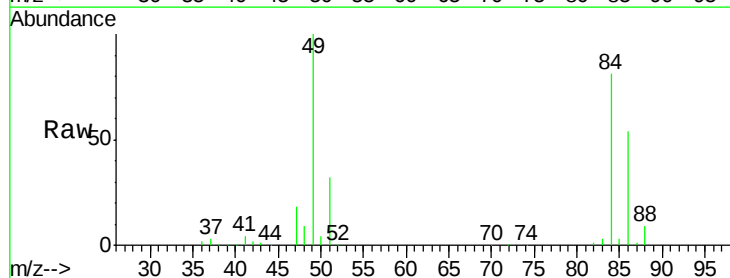
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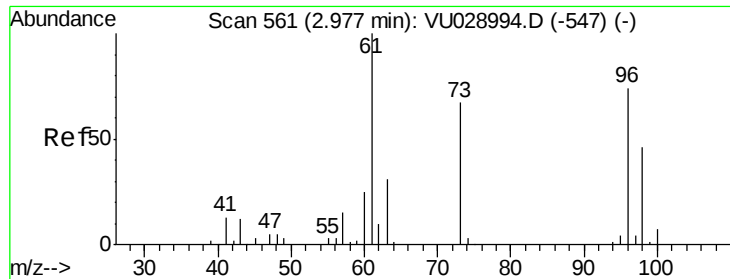
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#20
Methylene Chloride
Concen: 44.607 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion: 84 Resp: 109494
Ion Ratio Lower Upper
84 100
49 123.9 91.9 137.9
51 39.1 29.2 43.8
86 66.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 44.972 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.01 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 100602

Ion Ratio Lower Upper

96 100

61 140.2 107.7 161.5

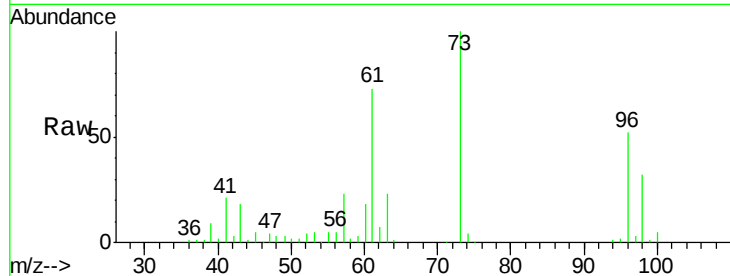
98 61.9 49.2 73.8

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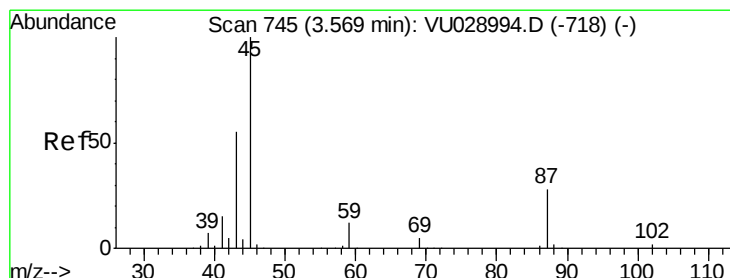
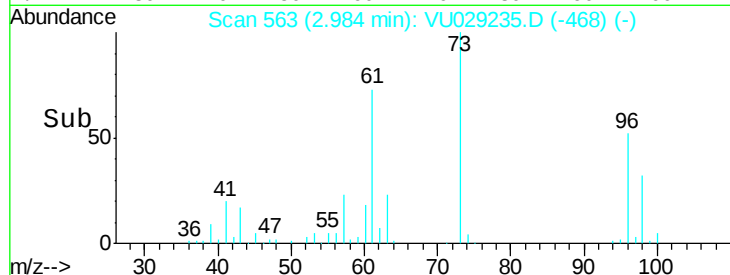
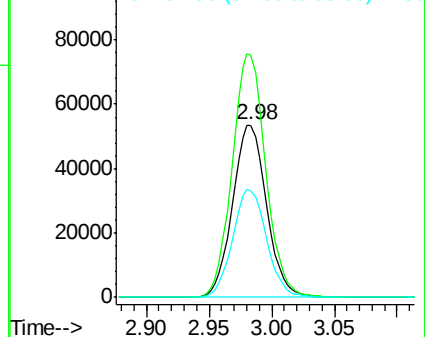


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 50.516 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Tgt Ion: 45 Resp: 352711

Ion Ratio Lower Upper

45 100

43 55.5 44.7 67.1

87 27.8 22.2 33.2

59 12.0 9.8 14.8

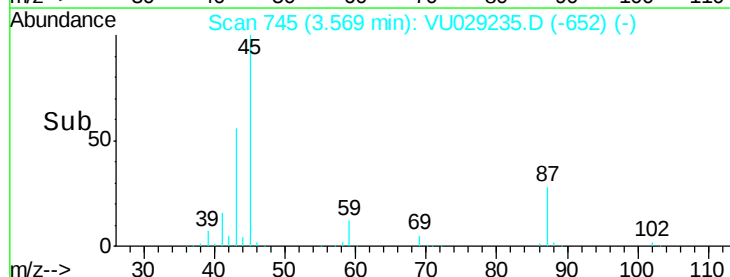
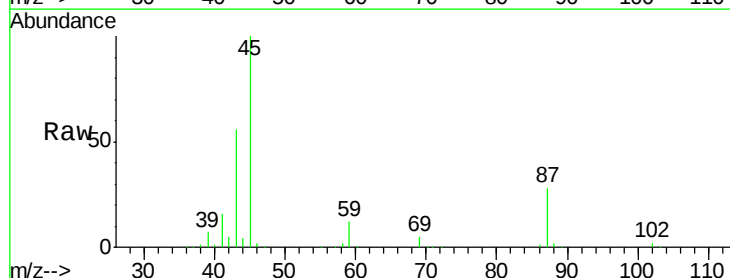
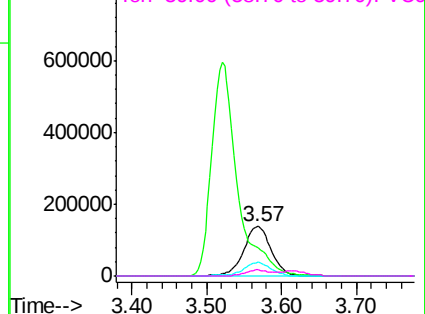
Abundance

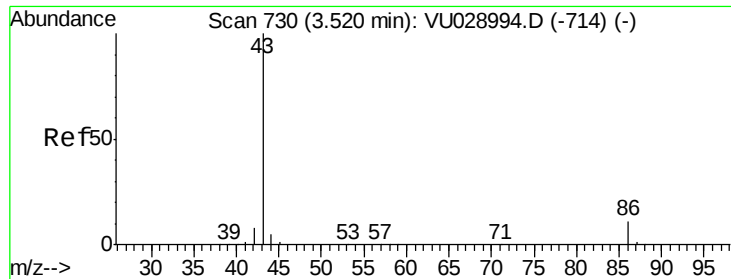
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 250.691 ug/l

RT: 3.52 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Tot Ion: 43 Resp: 1430938

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0

Instrument :

MSVOA_U

ClientSampleId :

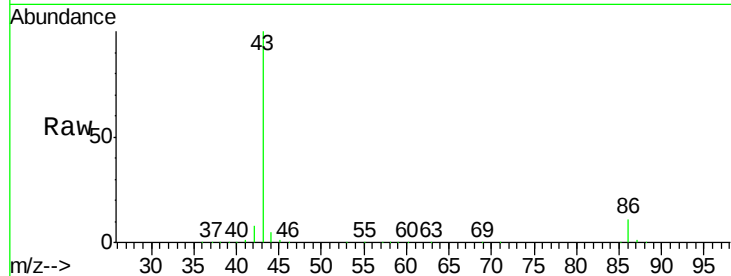
VSTDCCC050

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

600000

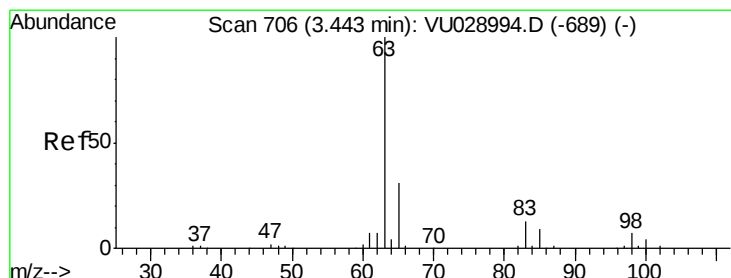
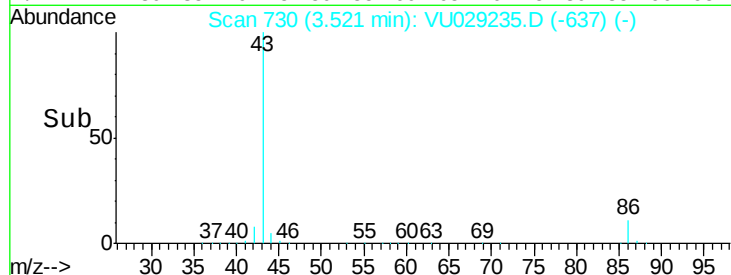
400000

200000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 49.578 ug/l

RT: 3.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

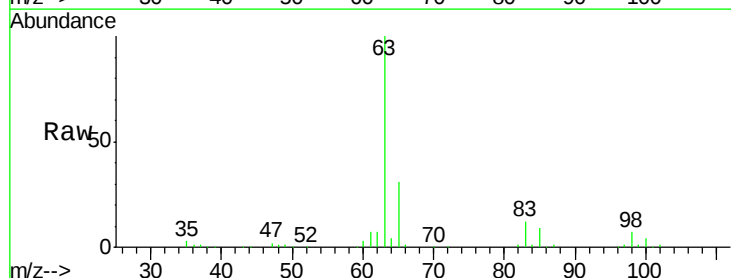
Tgt Ion: 63 Resp: 199830

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

120000

100000

80000

60000

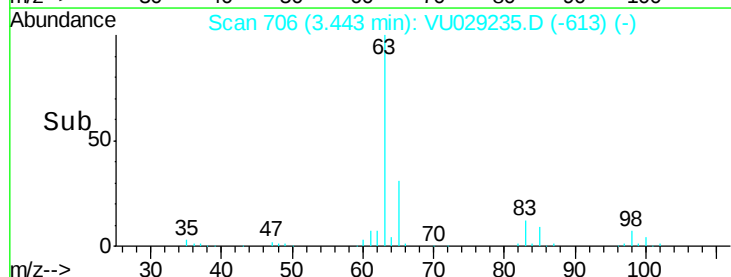
40000

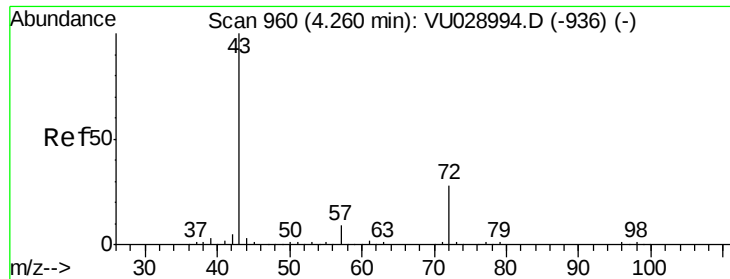
20000

0

3.40 3.50

Time-->





#25

2-Butanone

Concen: 275.612 ug/l

RT: 4.26 min Scan# 959

Delta R.T. -0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 538182

Ion Ratio Lower Upper

43 100

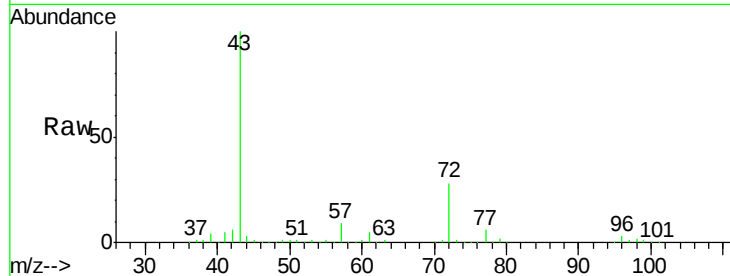
72 28.1 22.6 33.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

250000

200000

150000

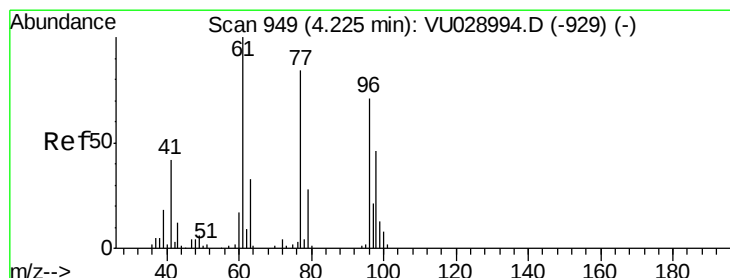
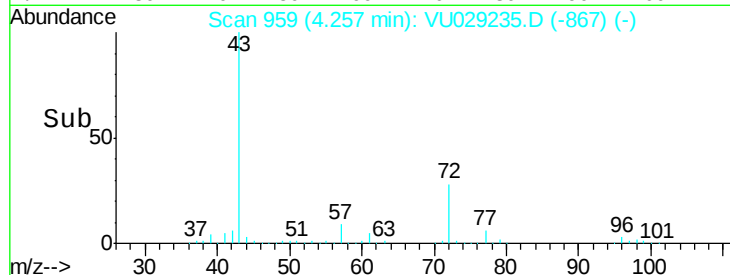
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 50.450 ug/l

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU029235.D

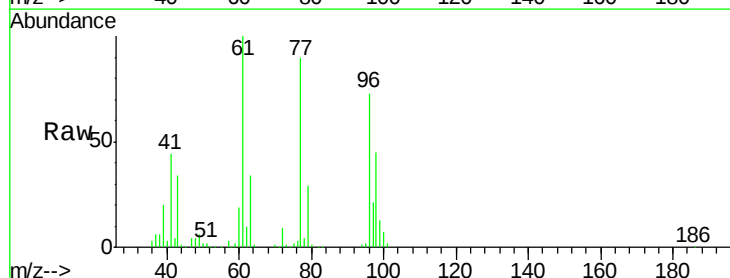
Acq: 21 Jan 2019 08:57

Tgt Ion: 77 Resp: 164308

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

60000

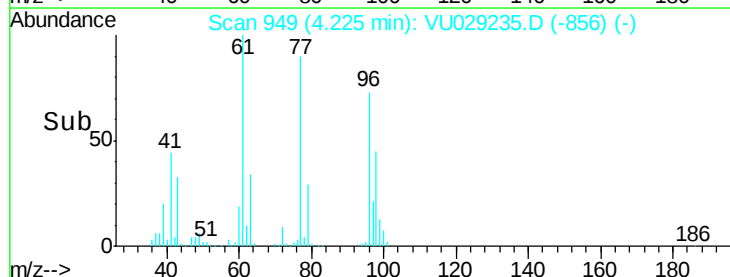
40000

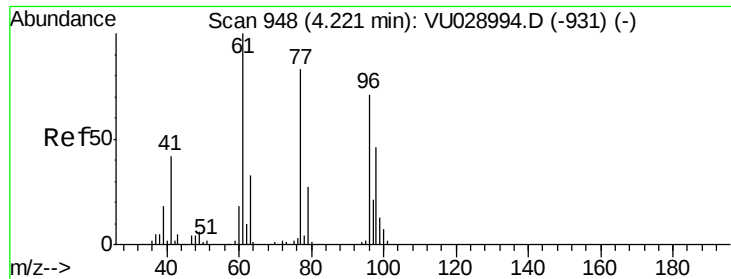
20000

0

4.10 4.20 4.30

Time-->





#27

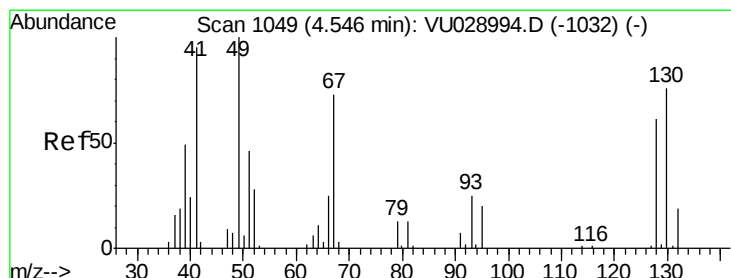
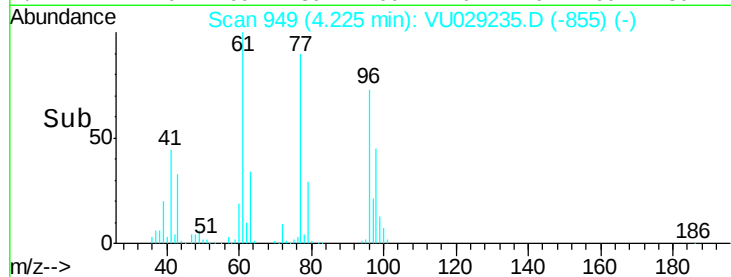
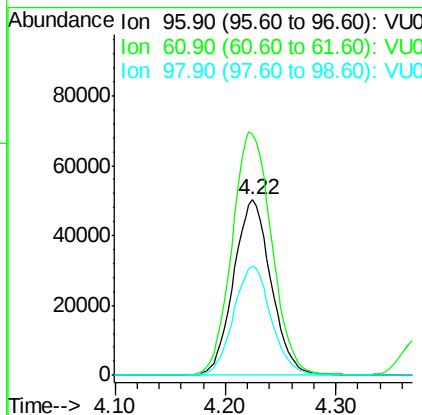
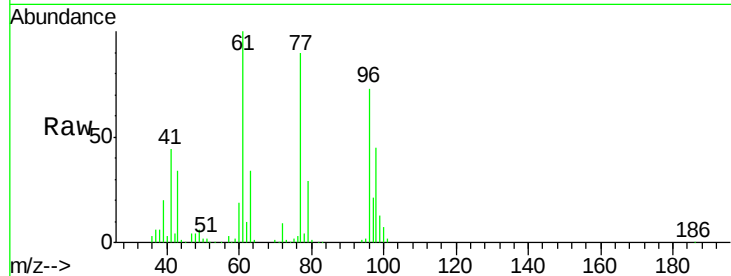
cis-1,2-Dichloroethene
Concen: 48.368 ug/l
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	118340		
61	147.0	0.0	285.6	
98	62.6	0.0	130.2	

Manual Integrations
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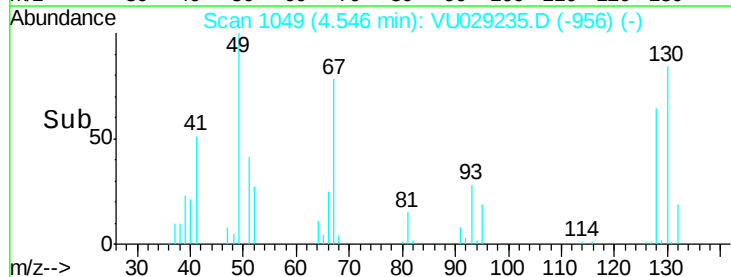
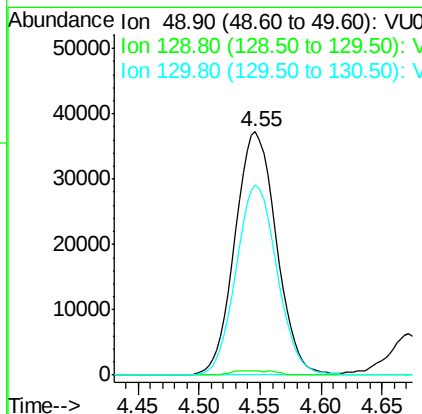
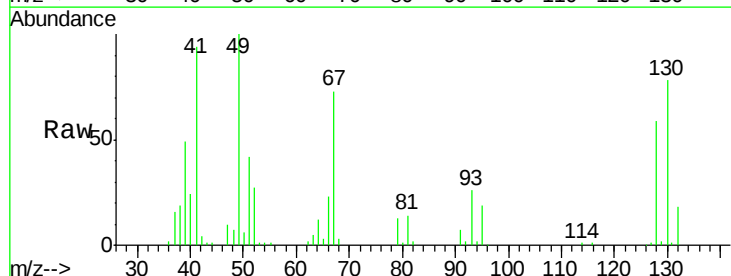
MMDadoda
1/22/2019 10:40:07 AM

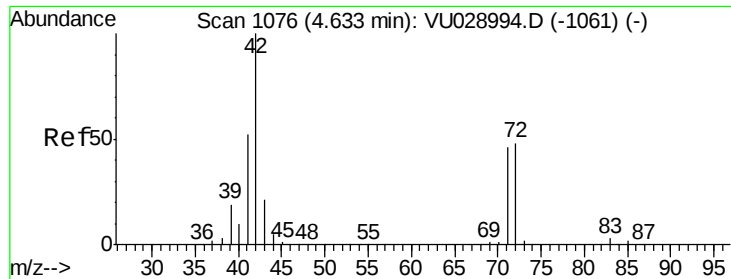


#28

Bromochloromethane
Concen: 50.877 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87809		
129	1.4	0.0	3.4	
130	77.4	62.9	94.3	





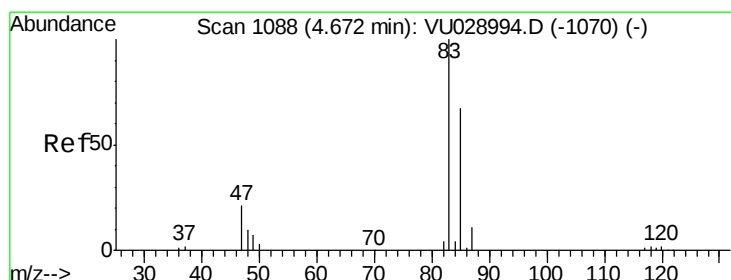
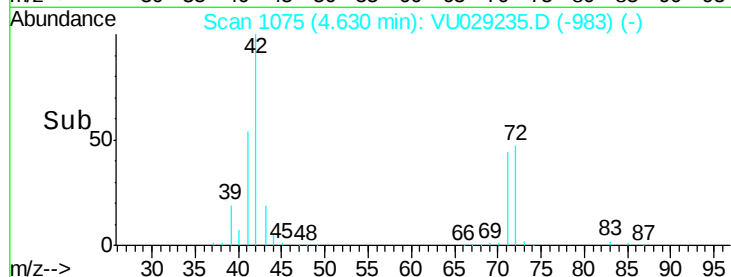
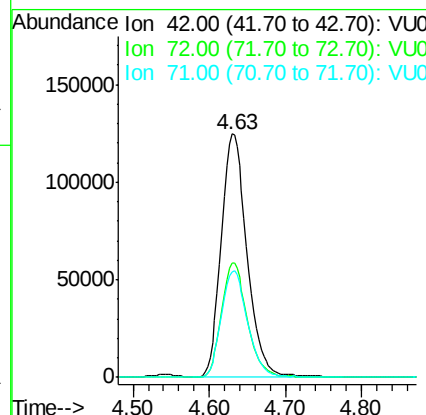
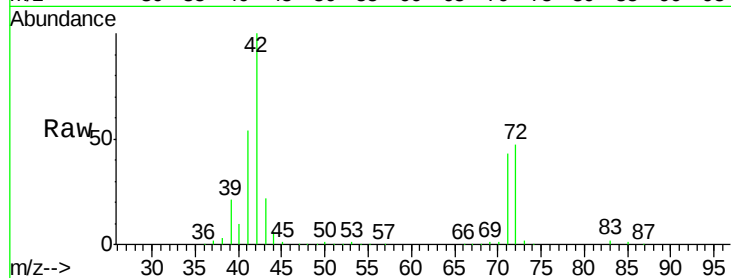
#29
Tetrahydrofuran
Concen: 247.842 ug/l
RT: 4.63 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	38.3	57.5
71	44.6	36.1	54.1

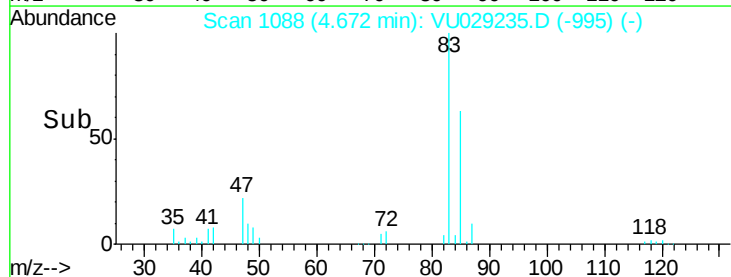
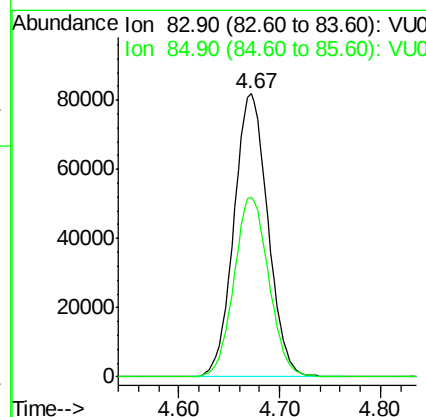
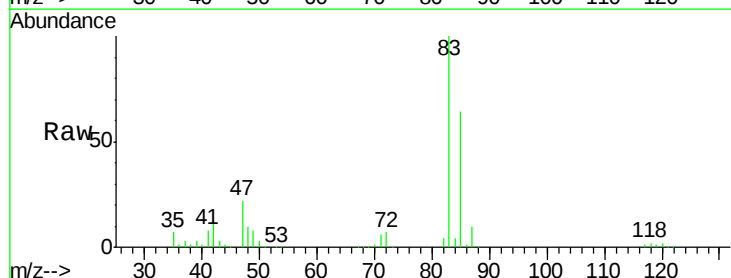
Manual Integrations
APPROVED

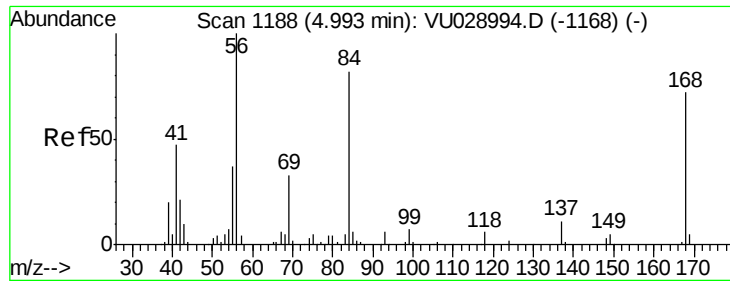
MMDadoda
1/22/2019 10:40:07 AM



#30
Chloroform
Concen: 49.942 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.4	80.0





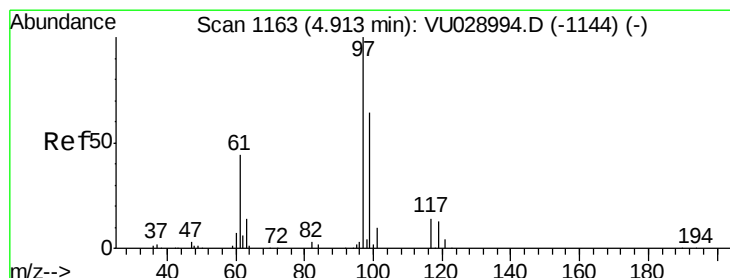
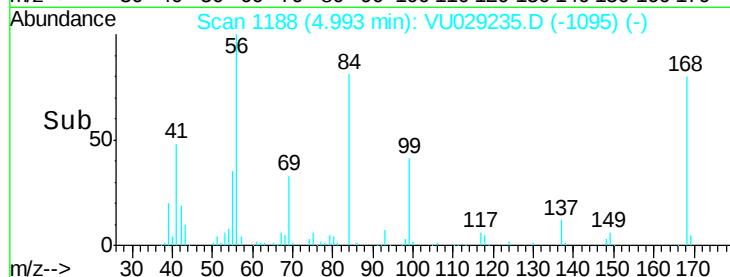
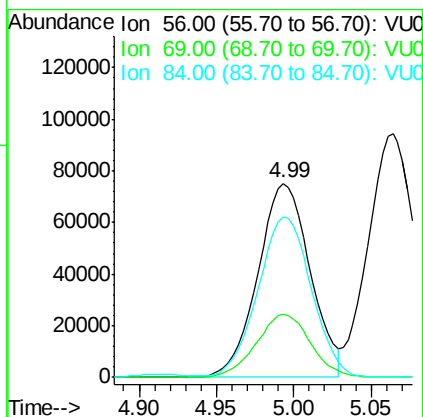
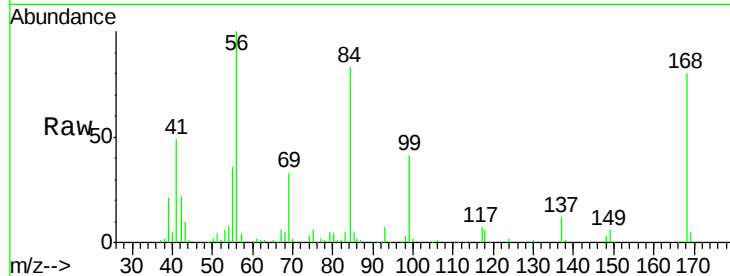
#31
Cyclohexane
Concen: 46.318 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	26.7	40.1
84	82.0	65.7	98.5

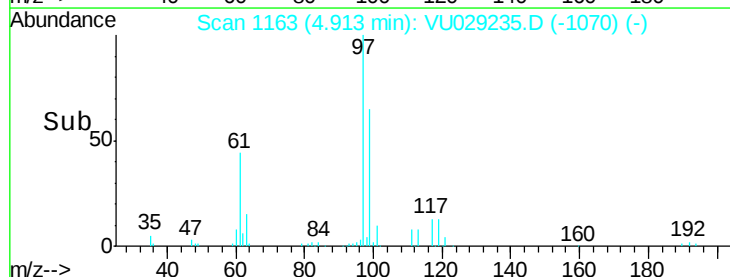
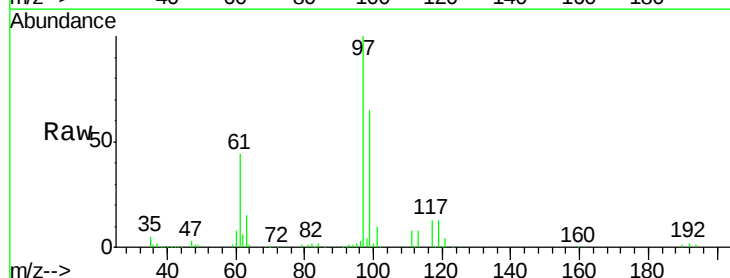
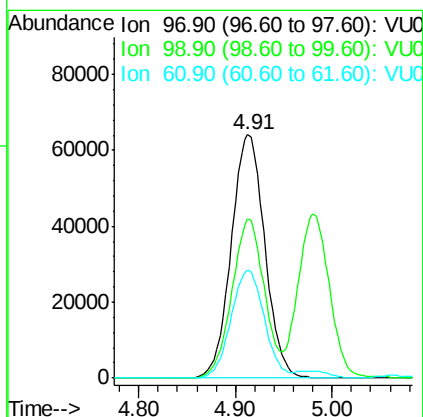
Manual Integrations
APPROVED

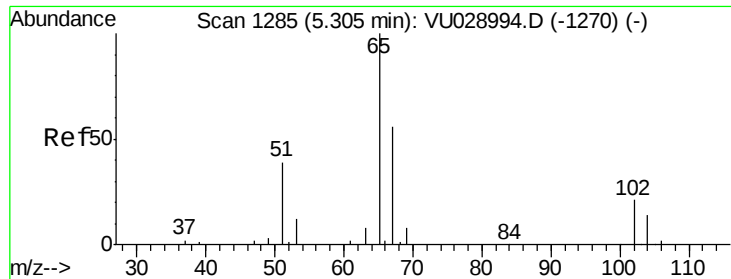
MMDadoda
1/22/2019 10:40:07 AM



#32
1,1,1-Trichloroethane
Concen: 48.609 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.4
61	44.1	34.4	51.6





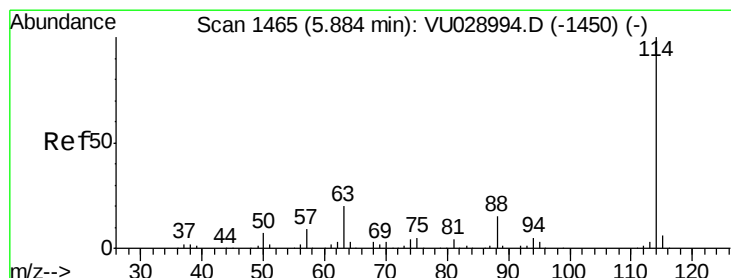
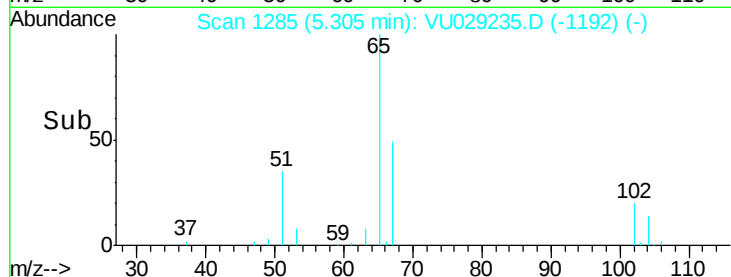
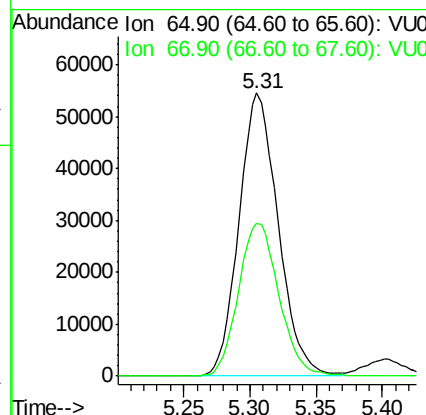
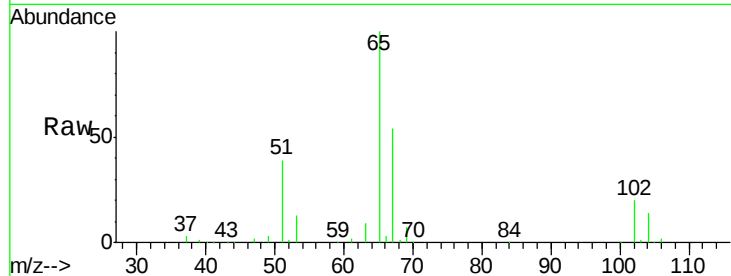
#33
 1,2-Dichloroethane-d4
 Concen: 48.886 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.1	0.0	111.0

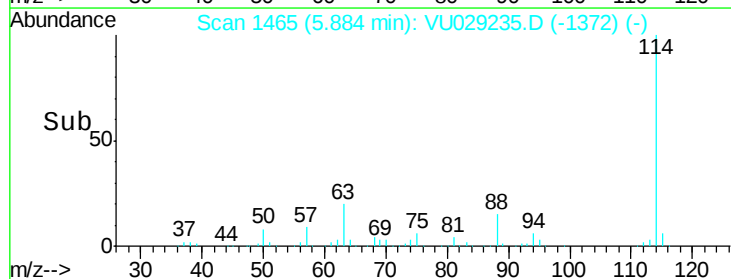
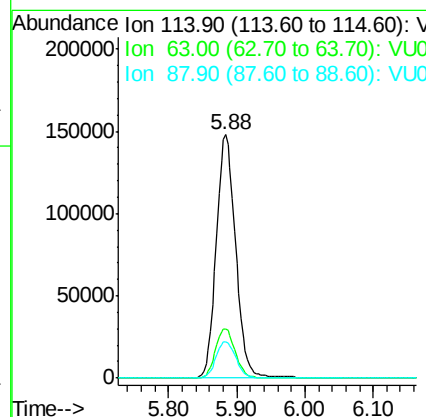
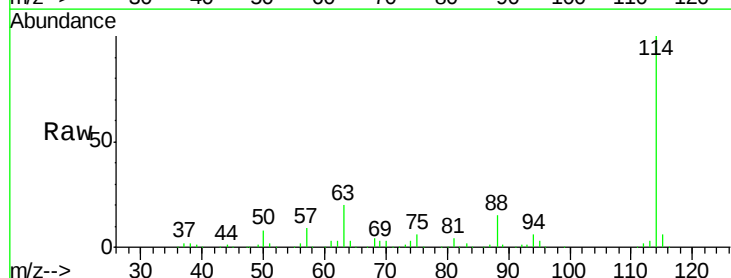
Manual Integrations
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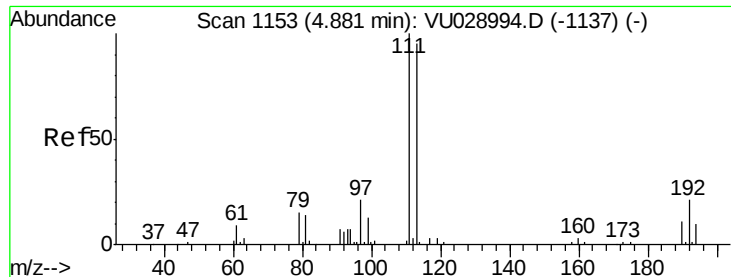
MMDadoda
 1/22/2019 10:40:07 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.2
88	15.0	0.0	30.4





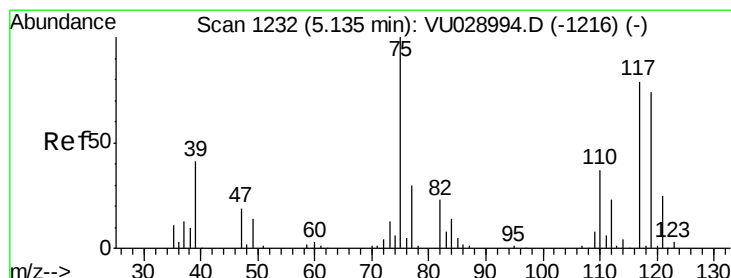
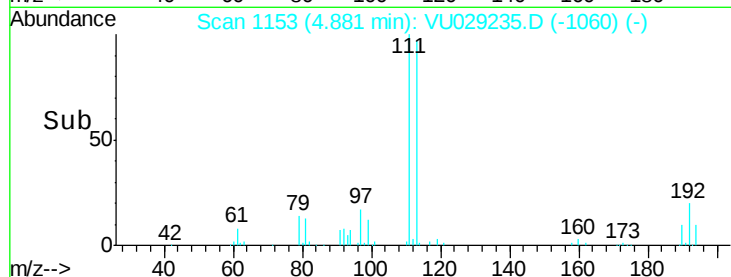
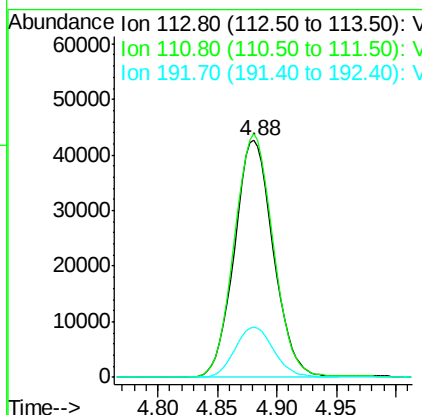
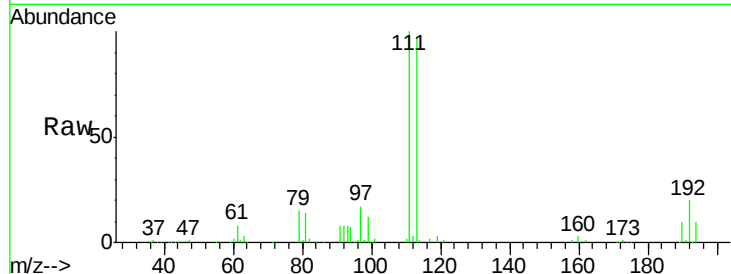
#35
 Dibromofluoromethane
 Concen: 50.796 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	21.2	16.8	25.2

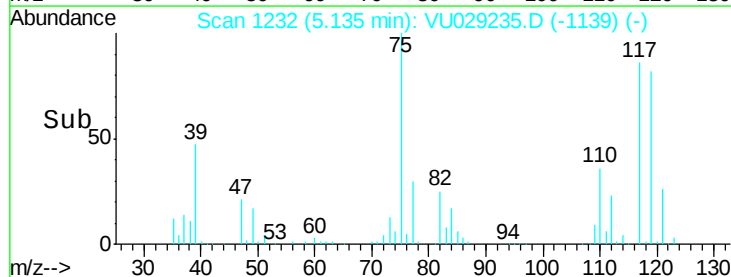
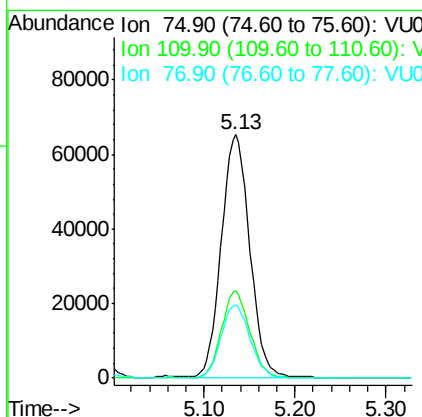
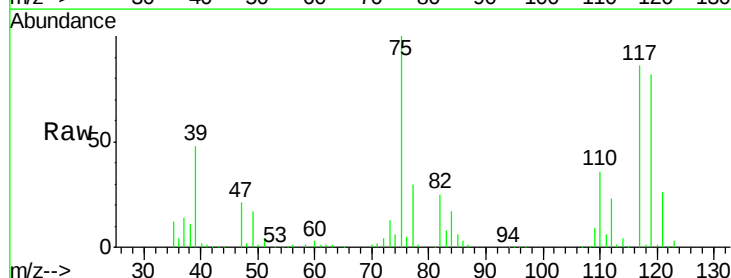
Manual Integrations
 APPROVED

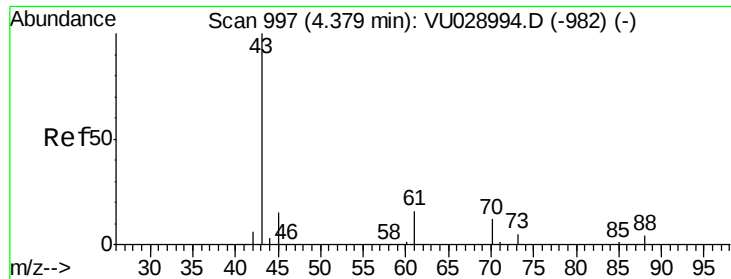
MMDadoda
 1/22/2019 10:40:07 AM



#36
 1,1-Dichloropropene
 Concen: 48.424 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.4	55.4
77	30.8	25.1	37.7





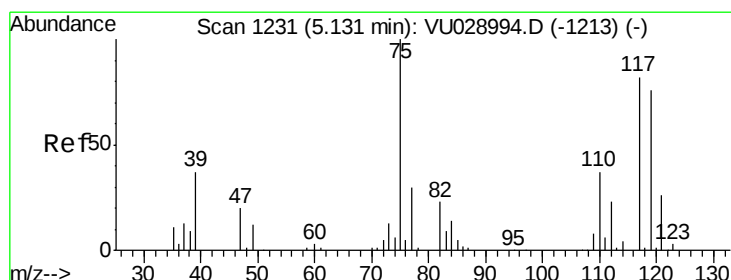
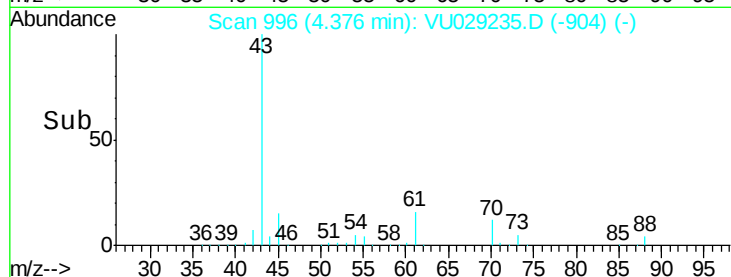
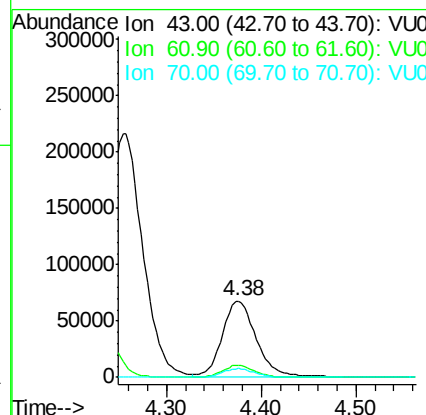
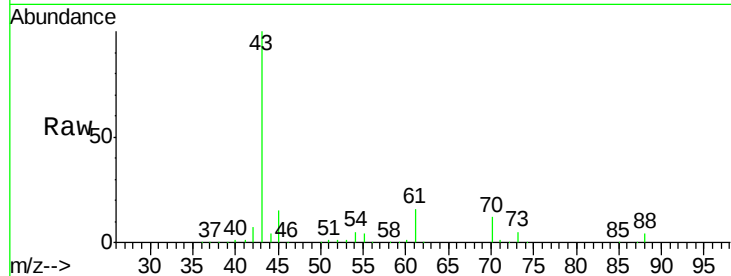
#37
Ethyl Acetate
Concen: 52.303 ug/l
RT: 4.38 min Scan# 996
Delta R.T. -0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.6	18.8
70	10.8	9.3	13.9

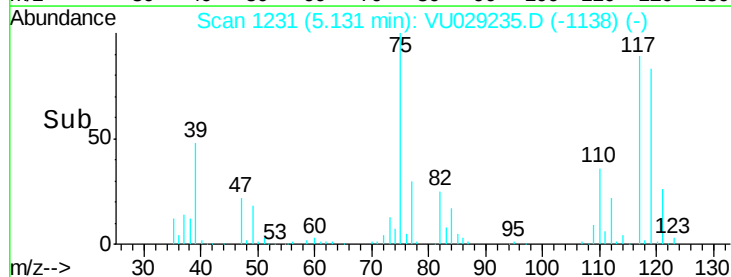
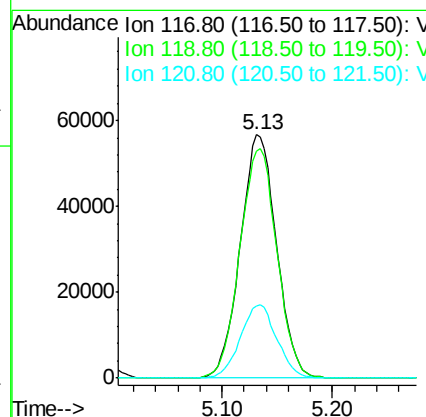
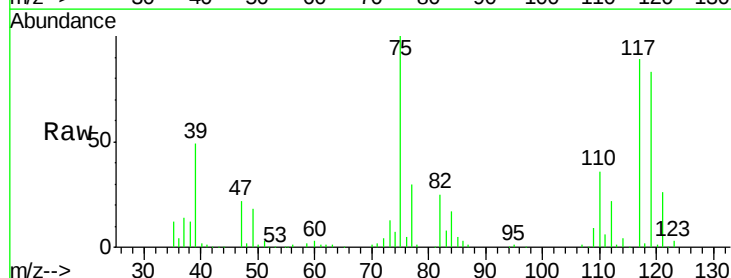
Manual Integrations
APPROVED

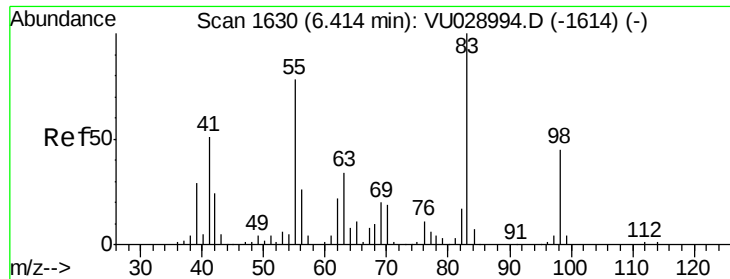
MMDadoda
1/22/2019 10:40:07 AM



#38
Carbon Tetrachloride
Concen: 52.649 ug/l
RT: 5.13 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.6	111.8
121	29.8	25.0	37.6





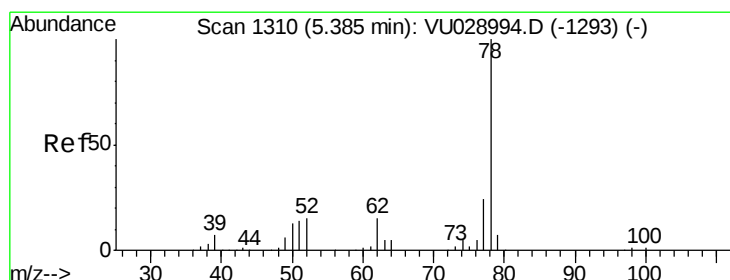
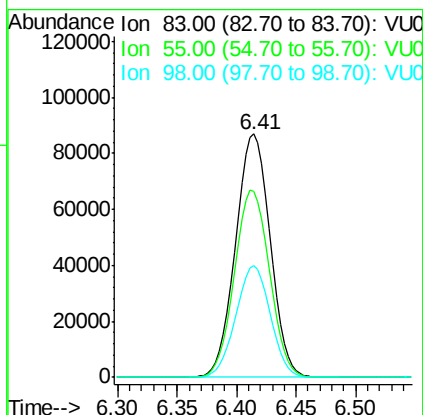
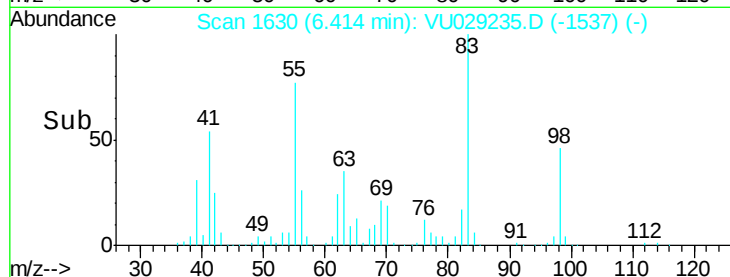
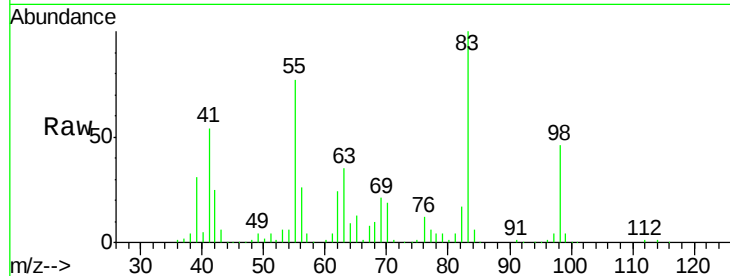
#39
Methvlcvclohexane
Concen: 48.791 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	62.4	93.6
98	46.0	36.2	54.2

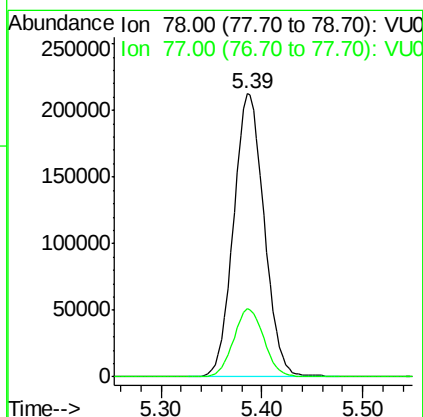
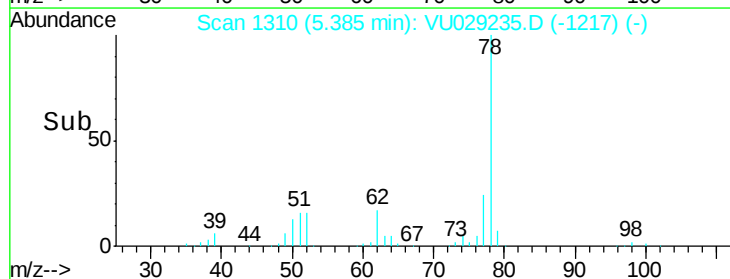
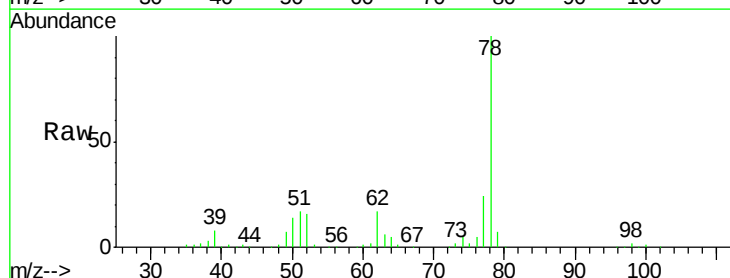
Manual Integrations
APPROVED

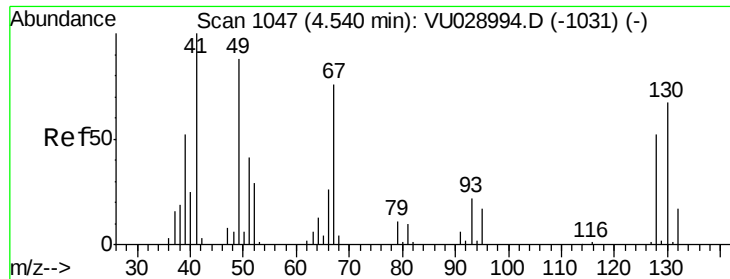
MMDadoda
1/22/2019 10:40:07 AM



#40
Benzene
Concen: 49.063 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3





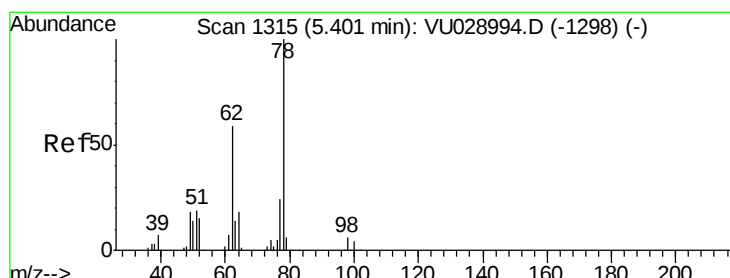
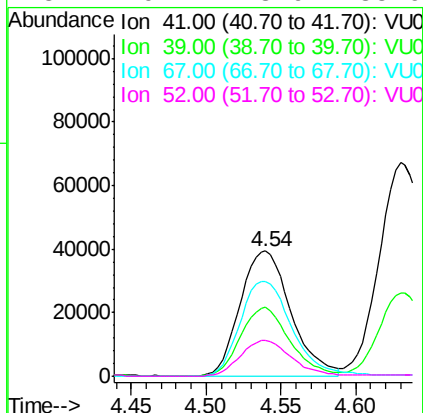
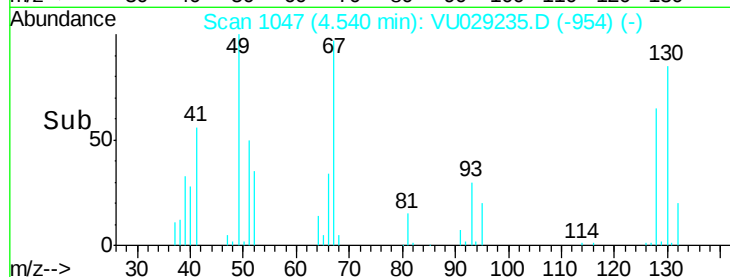
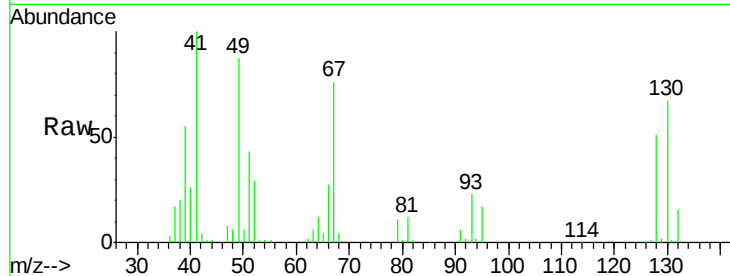
#41
Methacrylonitrile
Concen: 54.155 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	42.3	63.5	
67	78.7	64.4	96.6	
52	29.2	23.9	35.9	

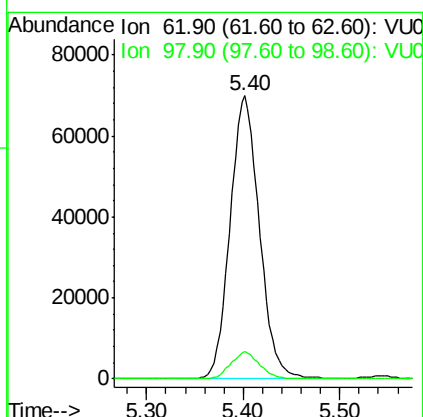
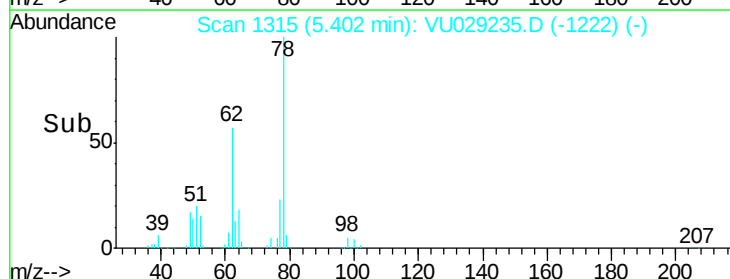
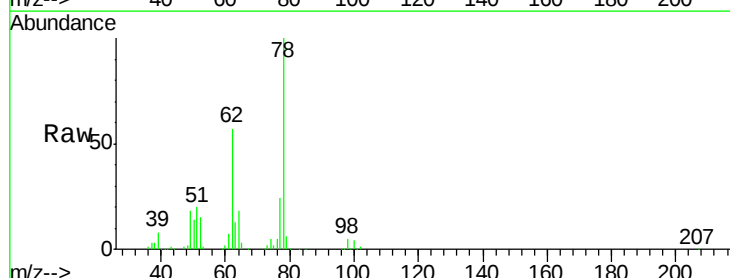
Manual Integrations
APPROVED

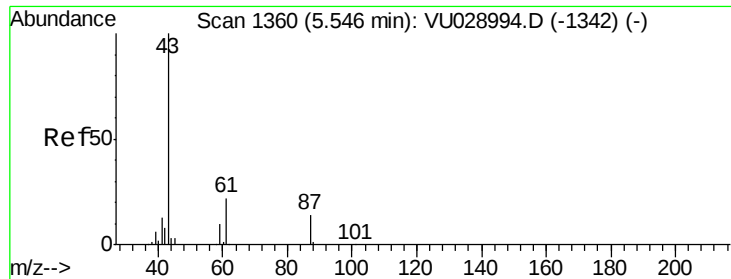
MMDadoda
1/22/2019 10:40:07 AM



#42
1,2-Dichloroethane
Concen: 53.525 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	19.6	





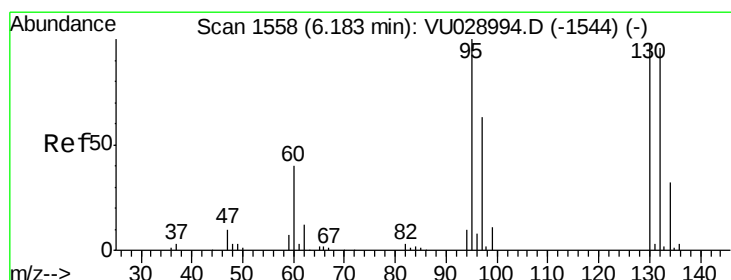
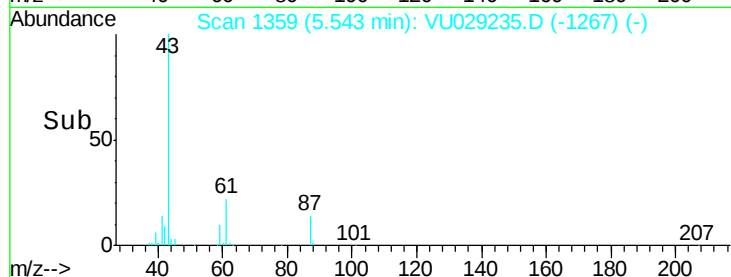
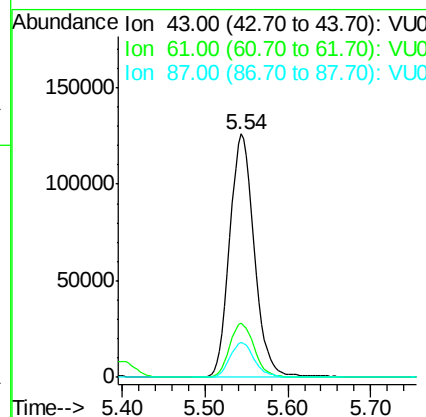
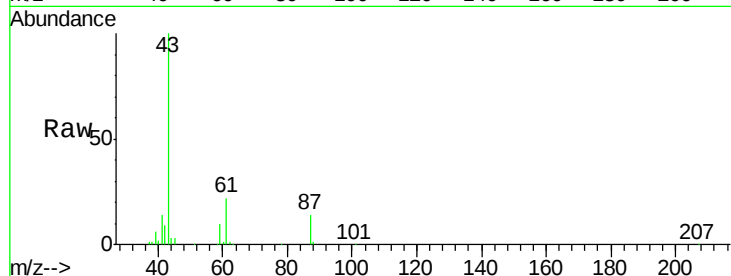
#43
Isopropyl Acetate
Concen: 52.680 ug/l
RT: 5.54 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.8	26.6
87	14.3	11.3	16.9

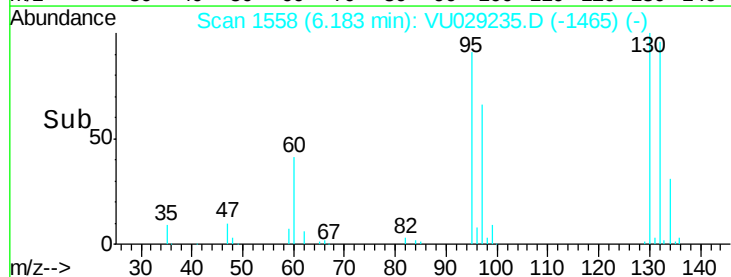
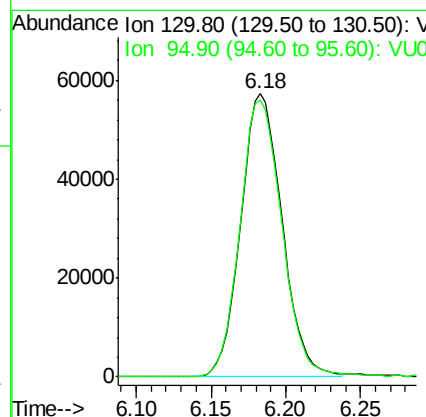
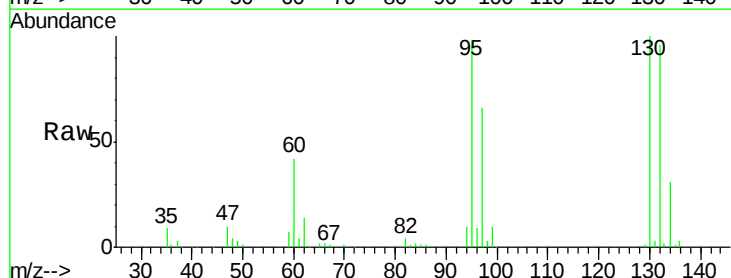
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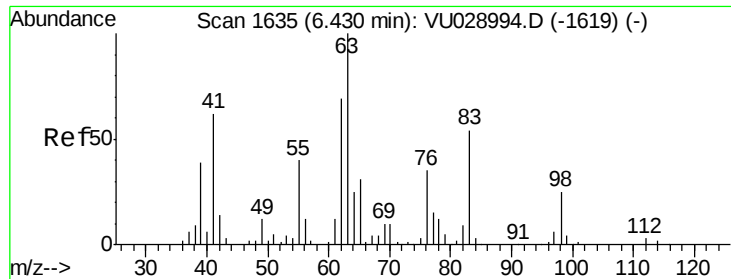
MMDadoda
1/22/2019 10:40:07 AM



#44
Trichloroethene
Concen: 48.693 ug/l
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	205.0





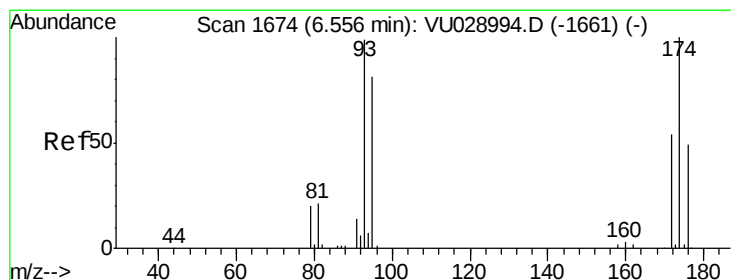
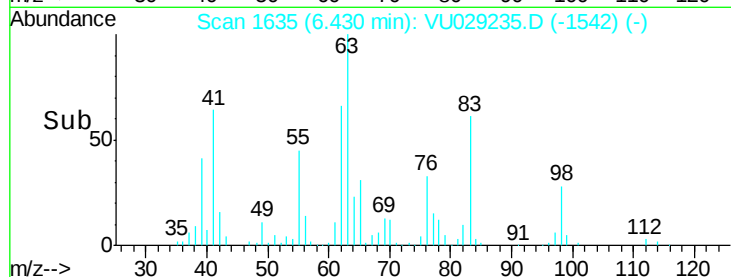
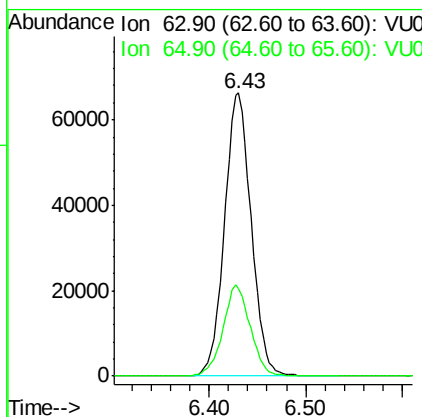
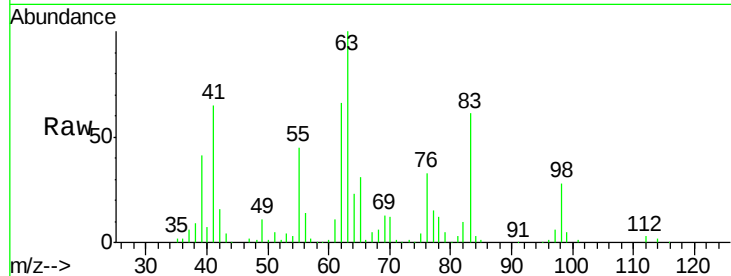
#45
 1,2-Dichloropropane
 Concen: 52.522 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 126813
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.1 37.7

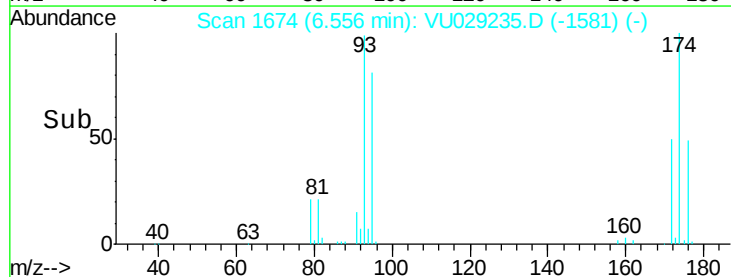
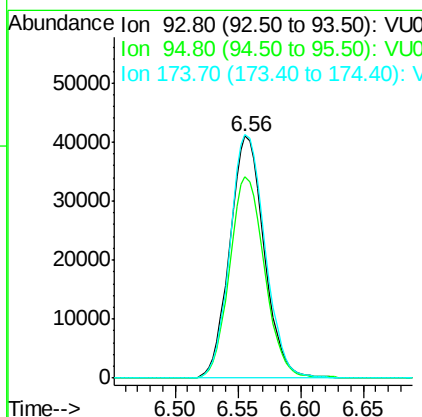
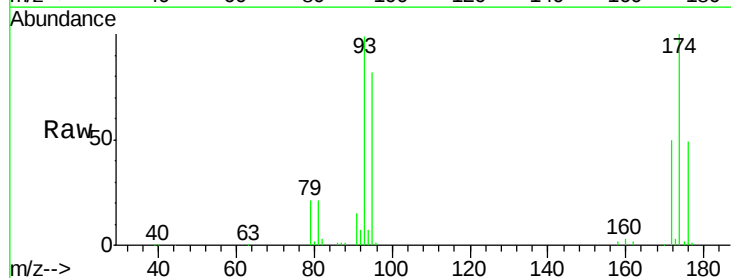
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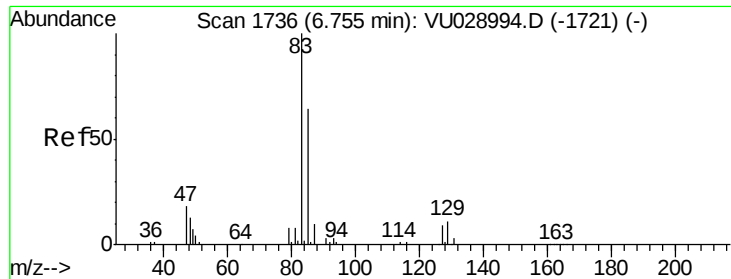
MMDadoda
 1/22/2019 10:40:07 AM



#46
 Dibromomethane
 Concen: 50.757 ug/l
 RT: 6.56 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Tgt Ion: 93 Resp: 78342
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.2 100.8
 174 102.2 82.6 123.8





#47

Bromodichloromethane

Concen: 52.977 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

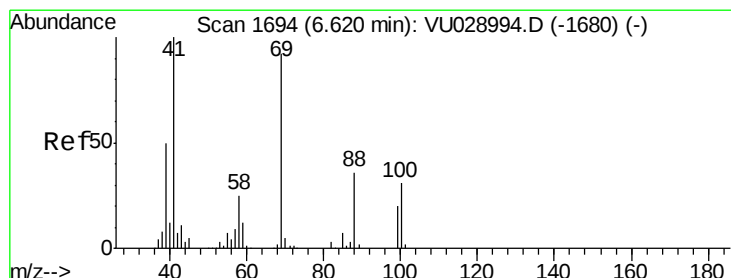
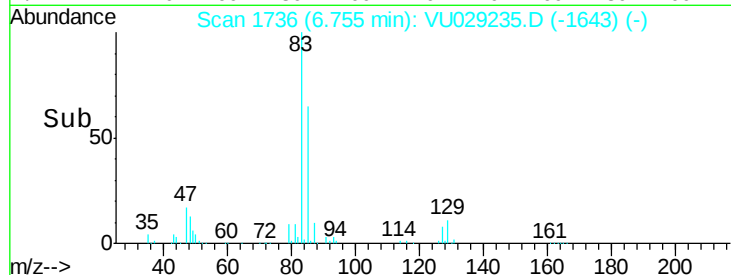
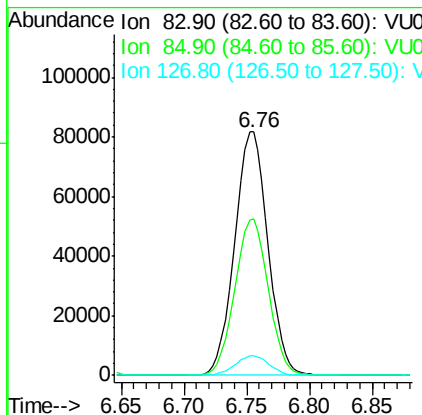
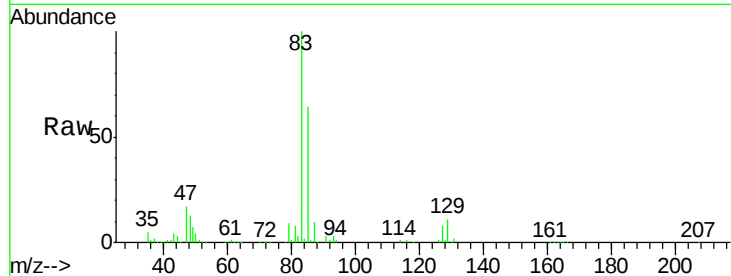
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	150550
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.2
127	8.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.791 ug/l

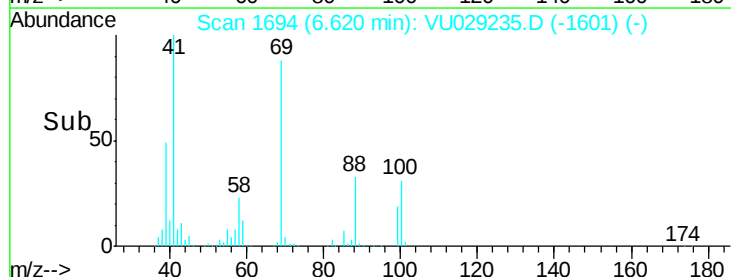
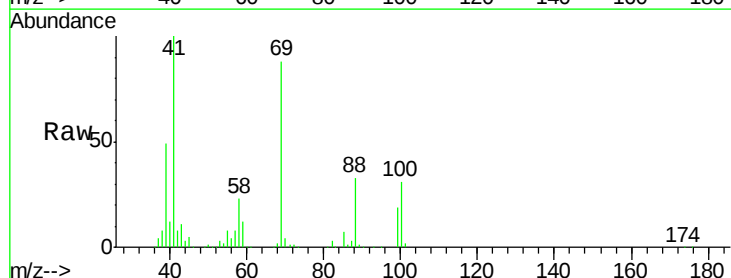
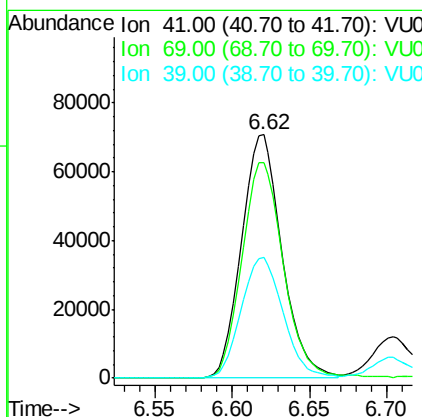
RT: 6.62 min Scan# 1694

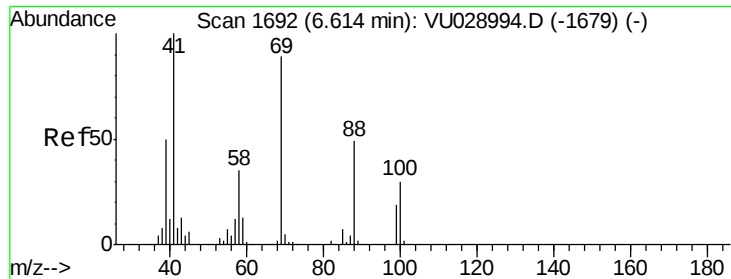
Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Tgt Ion:	41	Resp:	129271
Ion	Ratio	Lower	Upper
41	100		
69	90.9	73.6	110.4
39	50.8	39.6	59.4





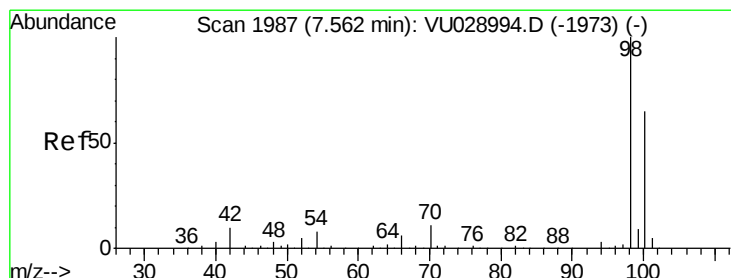
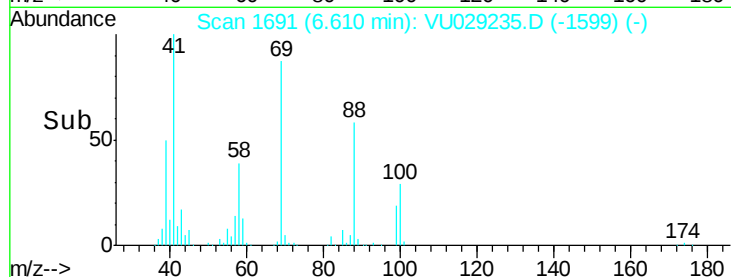
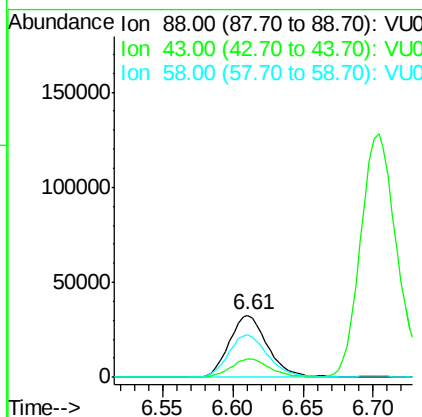
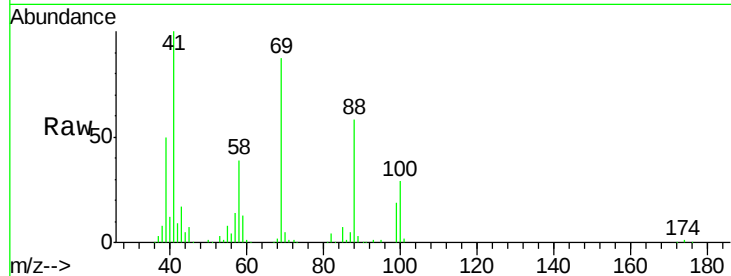
#49
1,4-Dioxane
Concen: 1072.635 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	23.0	34.4
58	71.7	57.9	86.9

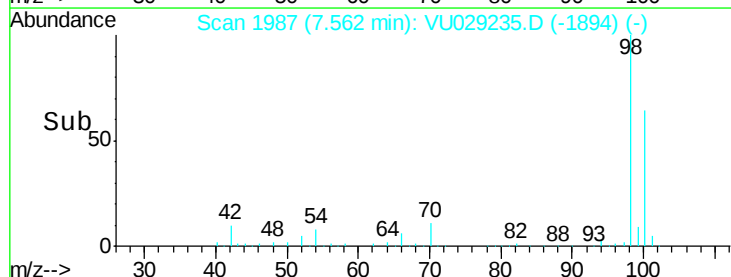
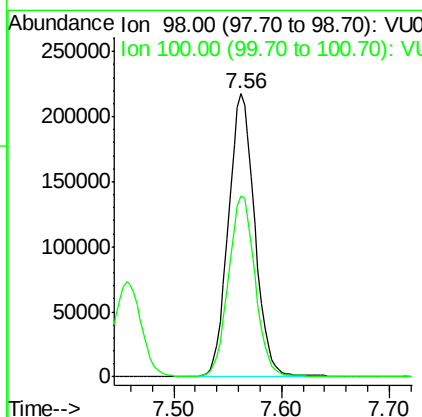
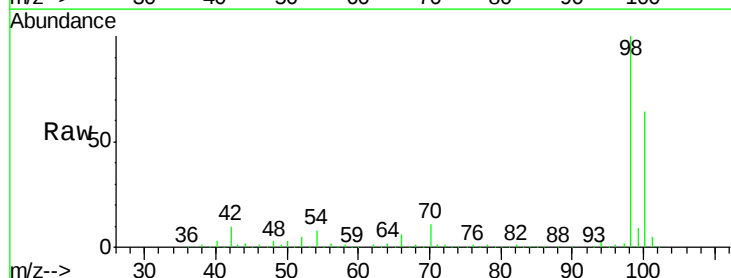
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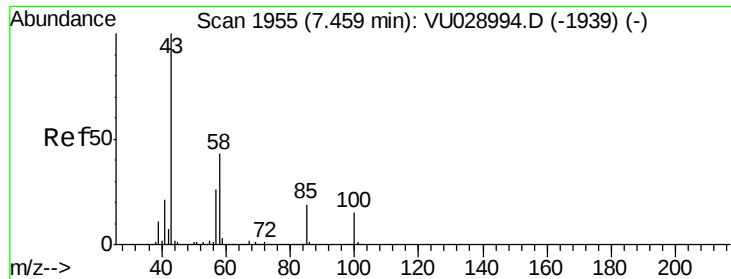
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#50
Toluene-d8
Concen: 49.587 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 264.271 ug/l

RT: 7.46 min Scan# 1954

Delta R.T. -0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 887654

Ion Ratio Lower Upper

43 100

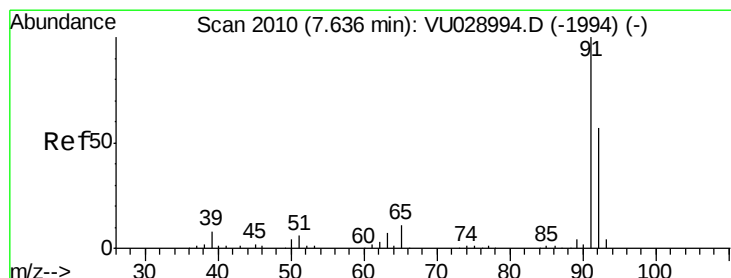
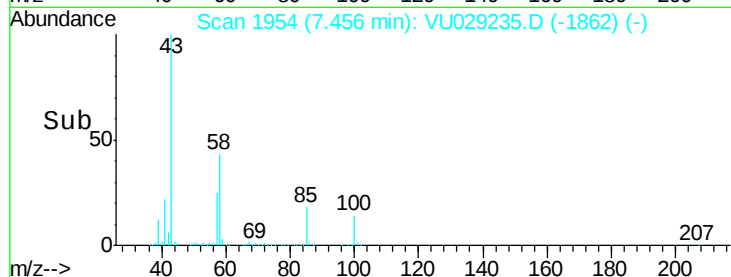
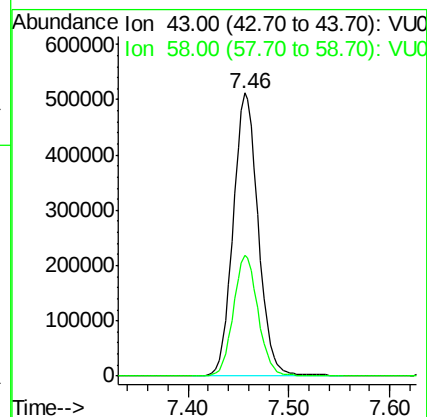
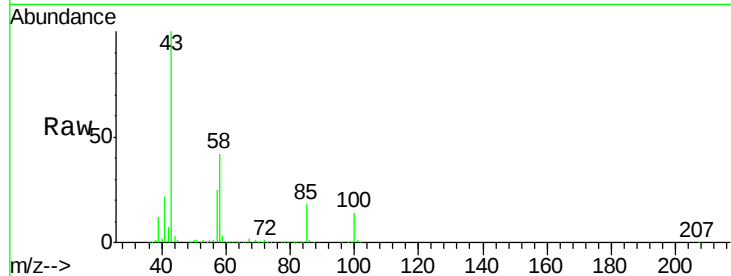
58 42.1 33.9 50.9

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#52

Toluene

Concen: 48.359 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VU029235.D

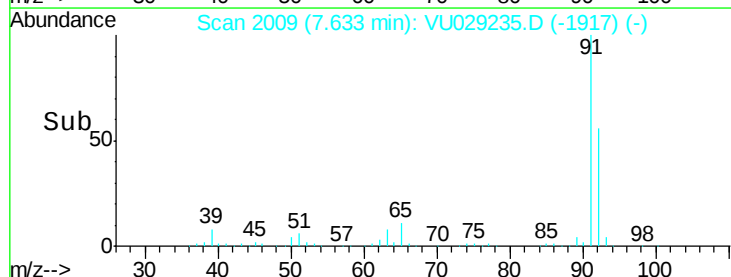
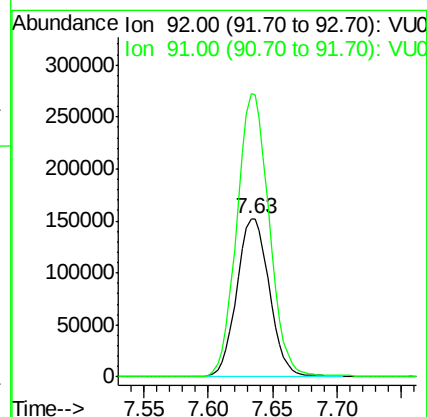
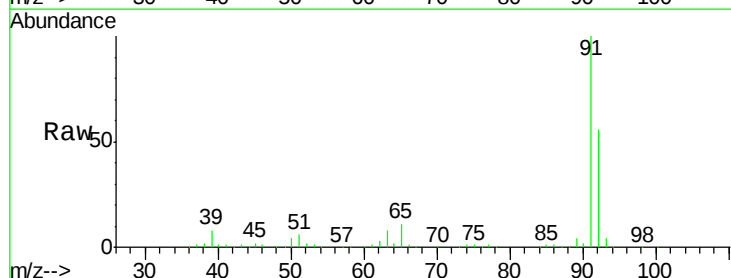
Acq: 21 Jan 2019 08:57

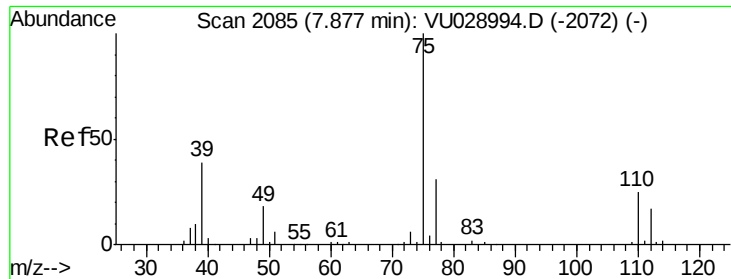
Tgt Ion: 92 Resp: 269168

Ion Ratio Lower Upper

92 100

91 177.0 139.8 209.8





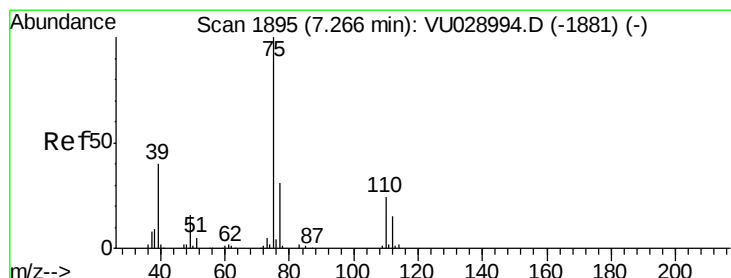
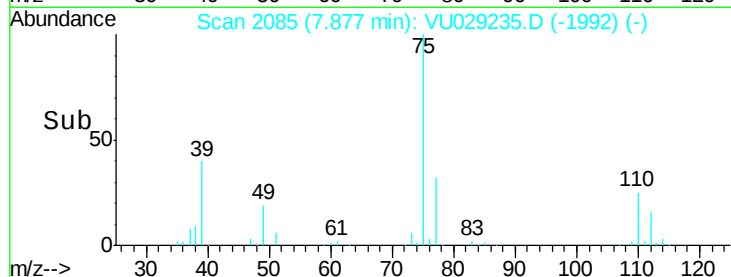
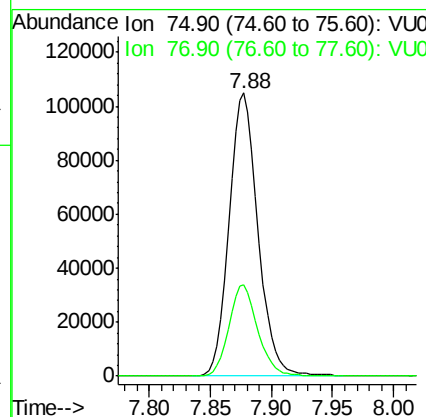
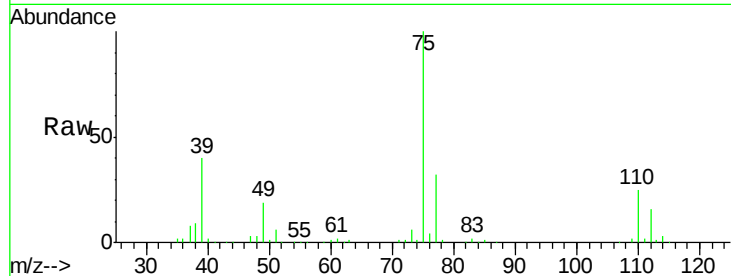
#53
 t-1,3-Dichloropropene
 Concen: 51.019 ug/l
 RT: 7.88 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.0	37.4

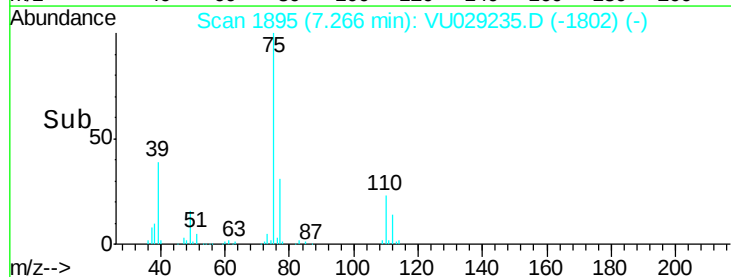
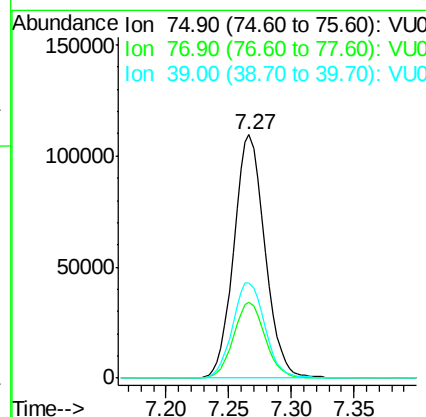
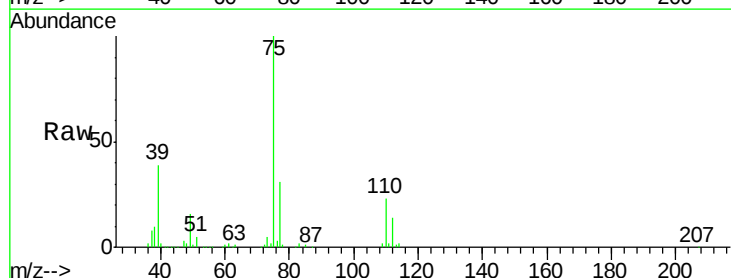
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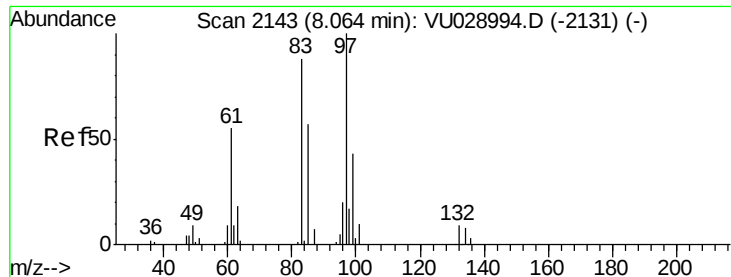
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#54
 cis-1,3-Dichloropropene
 Concen: 51.214 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.6
39	39.3	32.2	48.4





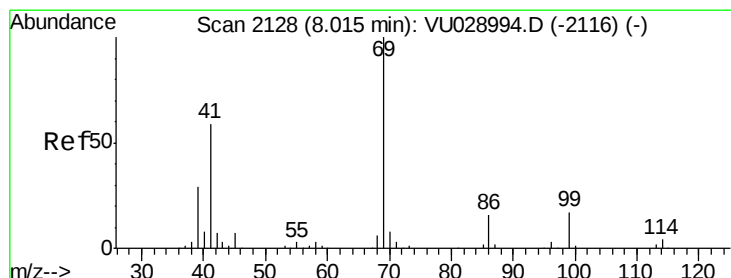
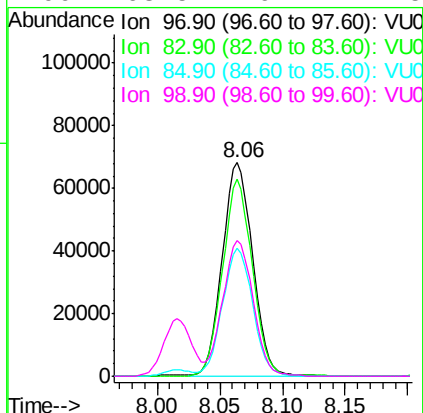
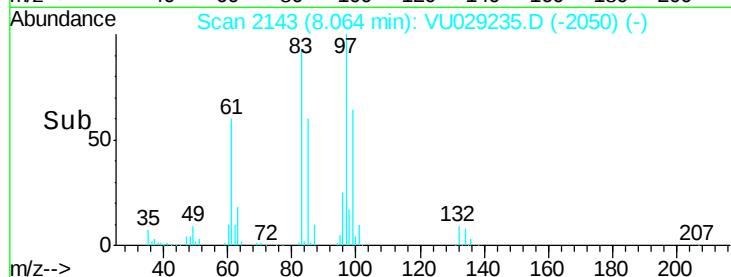
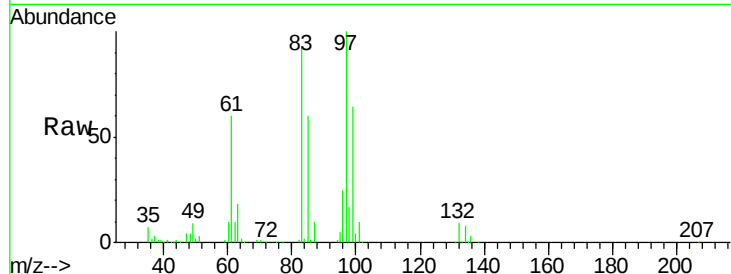
#55
 1,1,2-Trichloroethane
 Concen: 51.290 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	114369
Ion	Ratio	Lower	Upper
97	100		
83	92.5	69.8	104.8
85	59.8	47.3	70.9
99	63.5	49.7	74.5

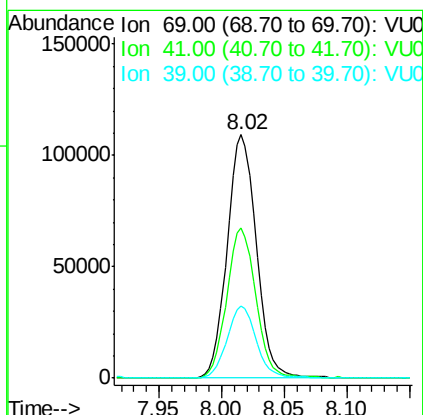
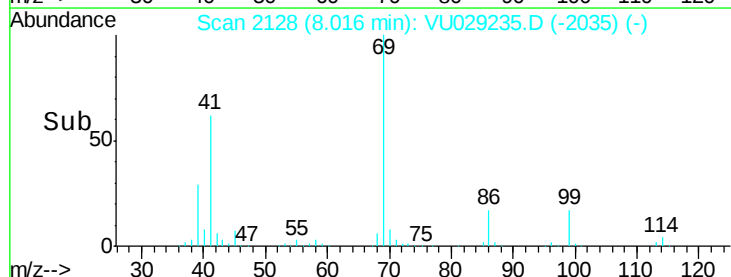
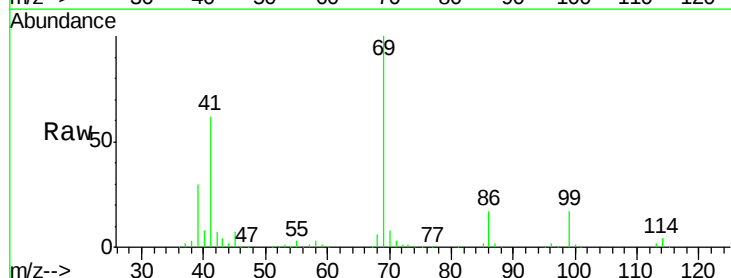
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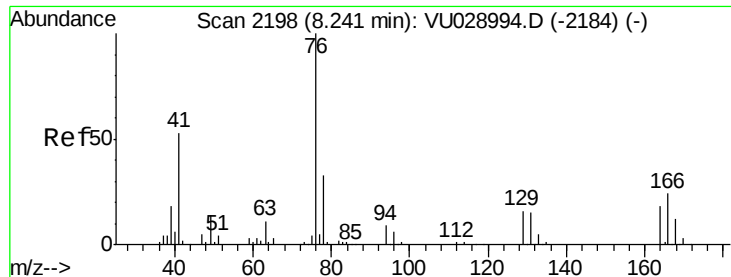
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#56
 Ethyl methacrylate
 Concen: 51.437 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Tgt Ion:	69	Resp:	176701
Ion	Ratio	Lower	Upper
69	100		
41	61.7	47.5	71.3
39	29.1	22.5	33.7





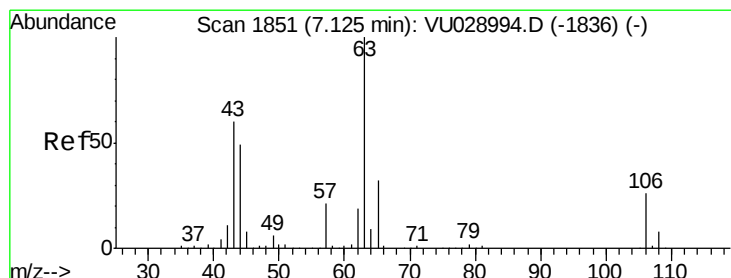
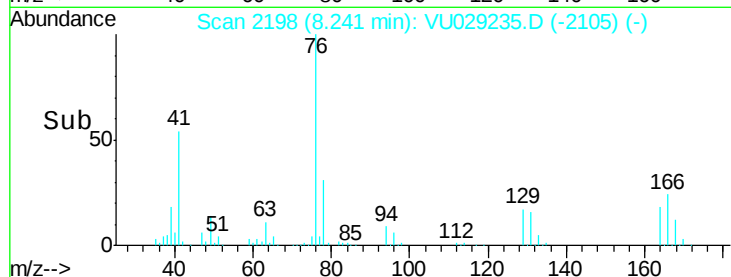
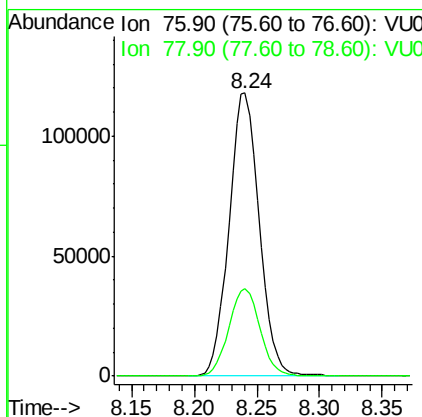
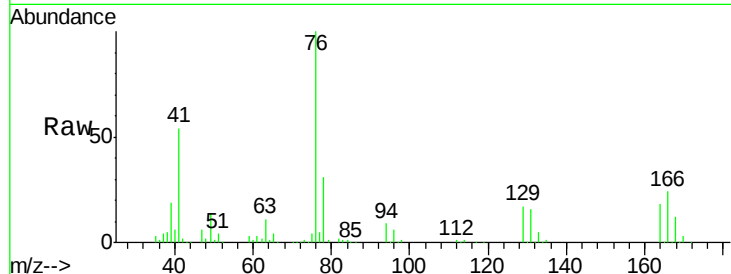
#57
 1,3-Dichloropropane
 Concen: 51.856 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.0	39.0

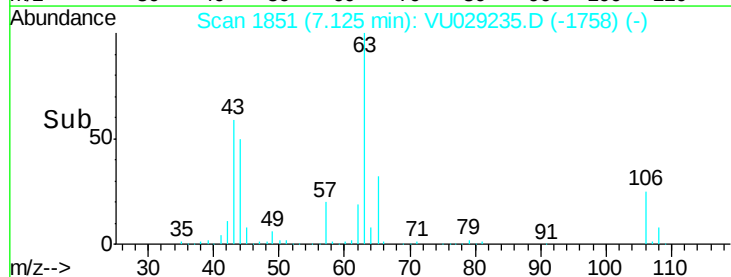
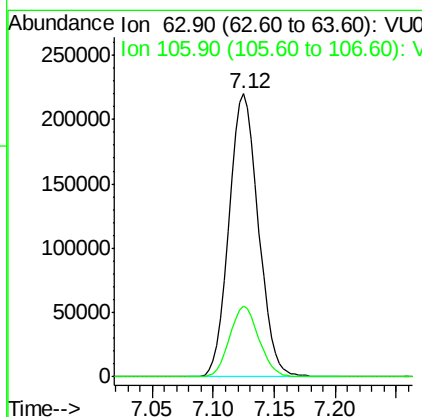
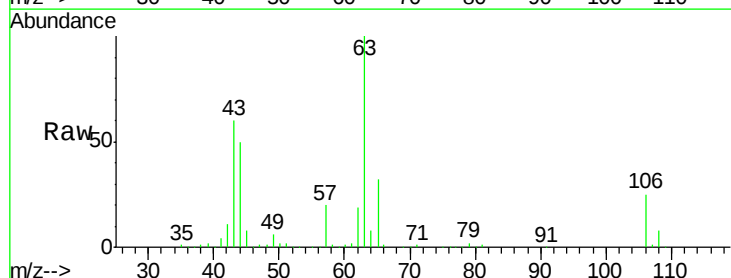
Manual Integrations
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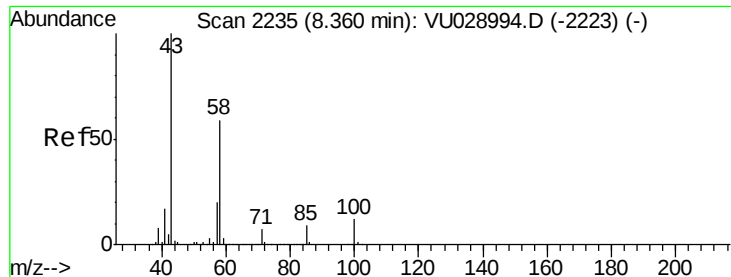
MMDadoda
 1/22/2019 10:40:07 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.264 ug/l
 RT: 7.12 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.0	20.6	31.0





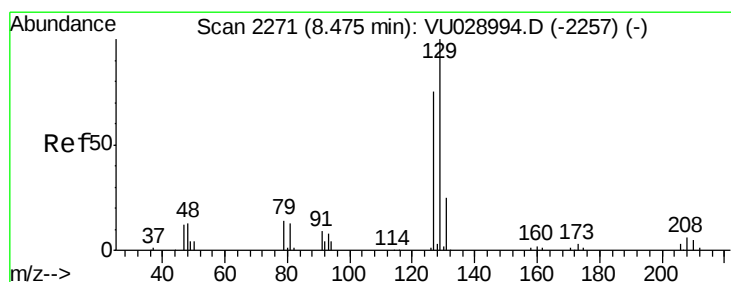
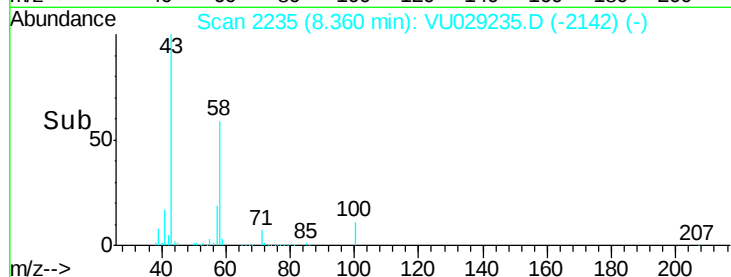
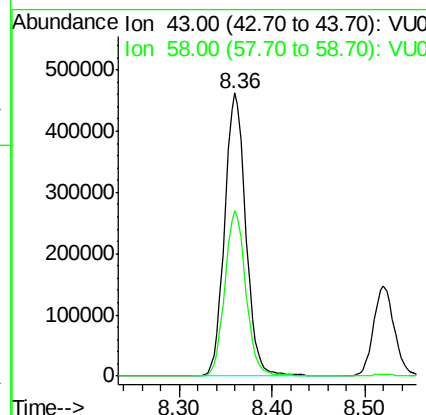
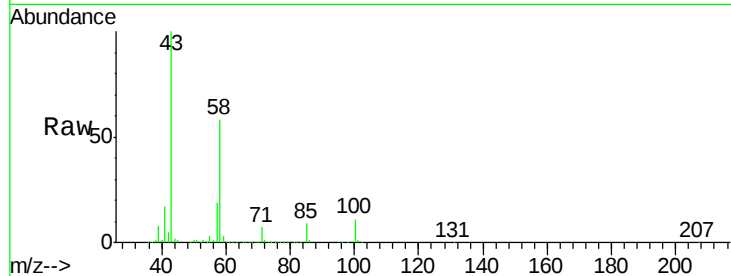
#59
2-Hexanone
Concen: 278.163 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 733403
Ion Ratio Lower Upper
43 100
58 58.2 29.8 89.4

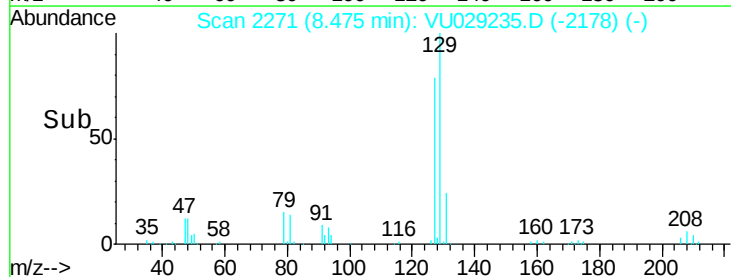
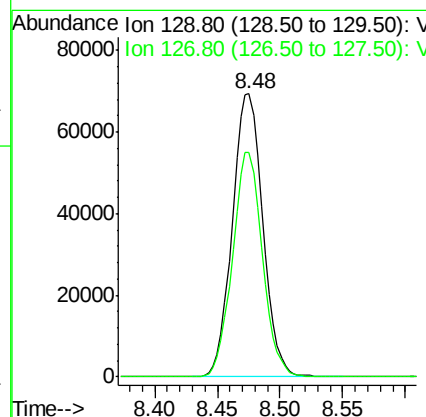
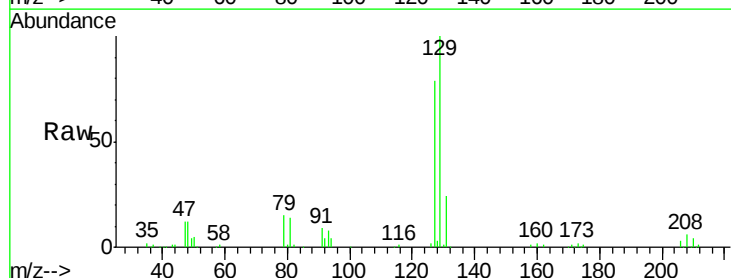
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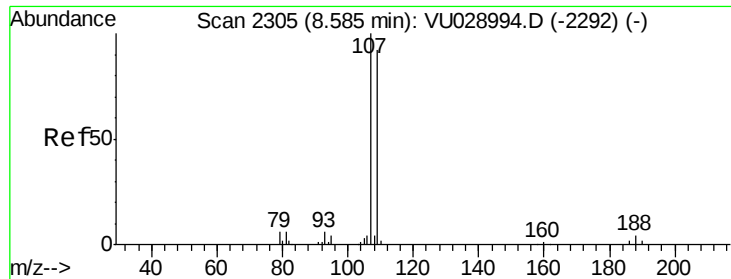
MMDadoda
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#60
Dibromochloromethane
Concen: 53.021 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion: 129 Resp: 117130
Ion Ratio Lower Upper
129 100
127 77.7 38.0 114.0





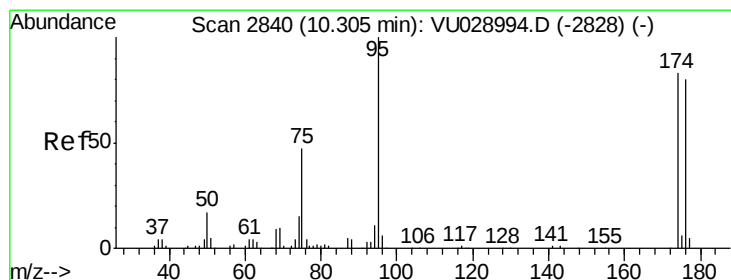
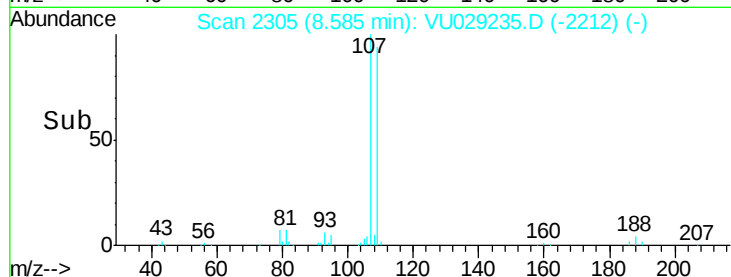
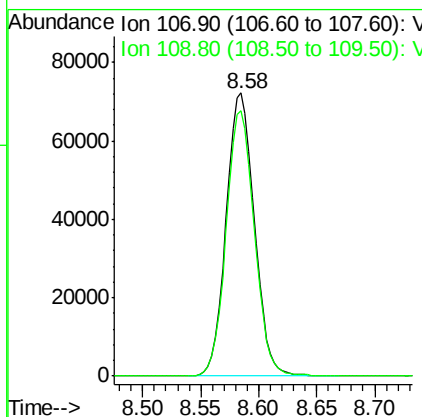
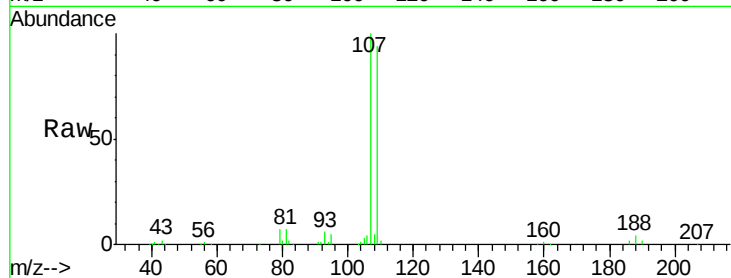
#61
 1,2-Dibromoethane
 Concen: 50.290 ug/l
 RT: 8.58 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.5	113.3

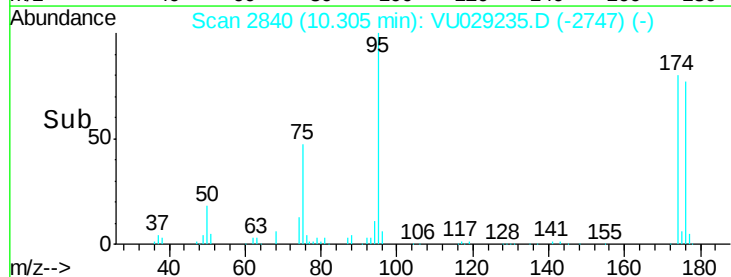
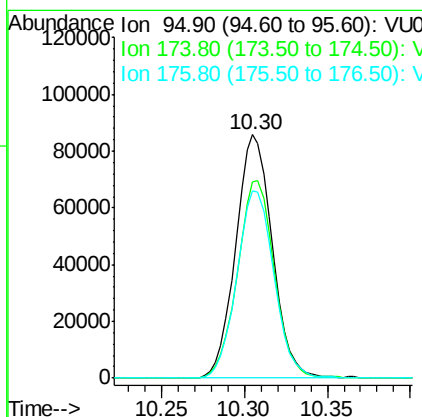
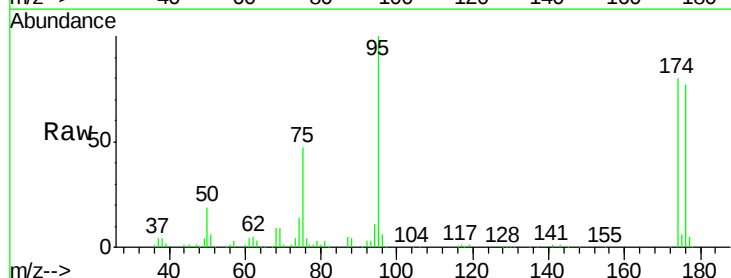
Manual Integrations
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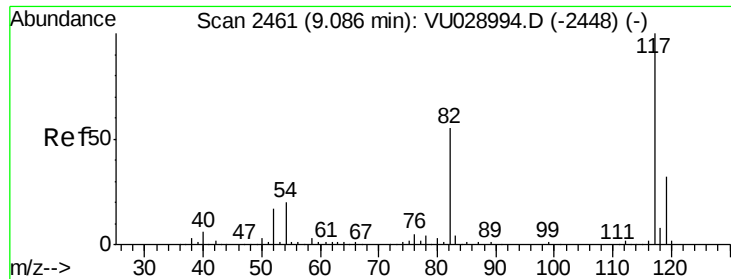
MMDadoda
 1/22/2019 10:40:07 AM



#62
 4-Bromofluorobenzene
 Concen: 48.736 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	170.6
176	78.6	0.0	165.0





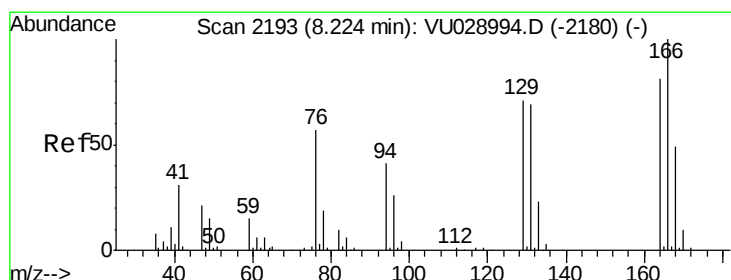
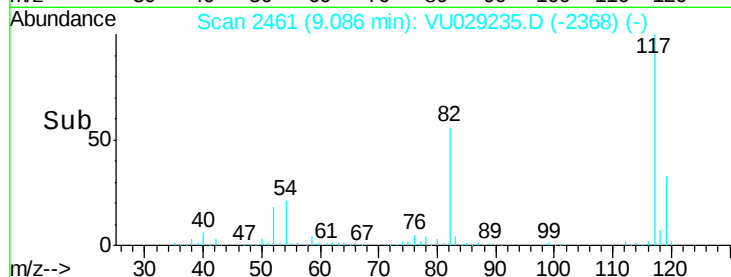
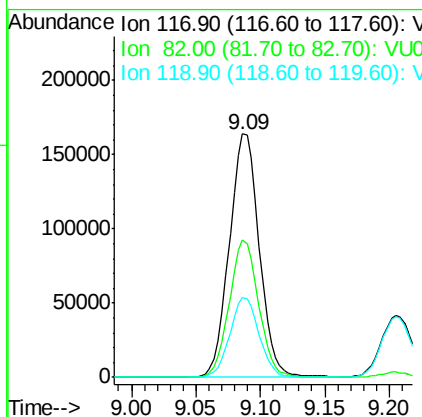
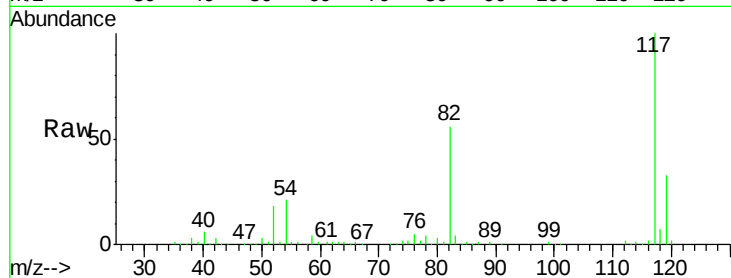
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	264144		
82	56.4	43.9	65.9	
119	32.8	26.0	39.0	

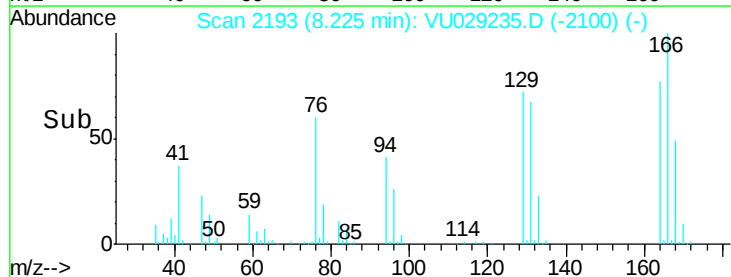
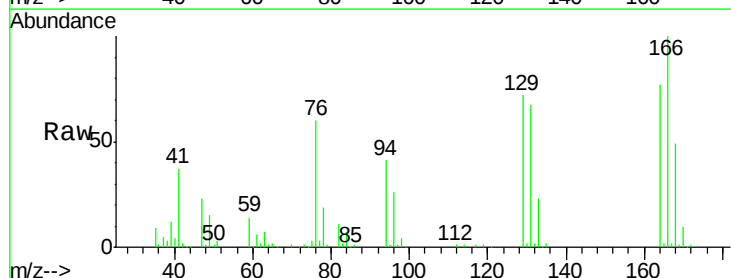
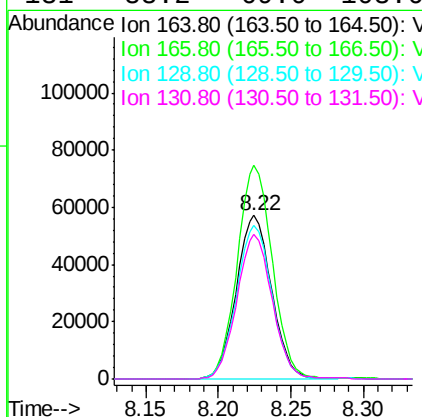
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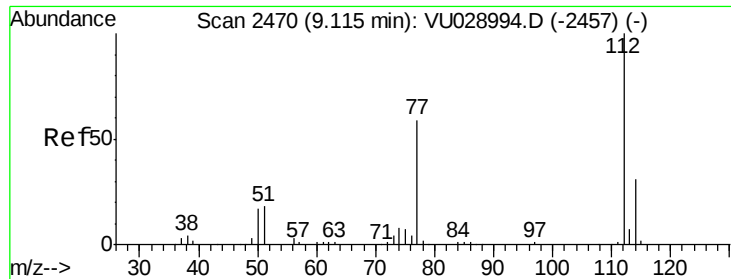
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#64
Tetrachloroethene
Concen: 50.959 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	96964		
166	130.7	99.4	149.0	
129	93.8	70.5	105.7	
131	88.2	69.0	103.6	





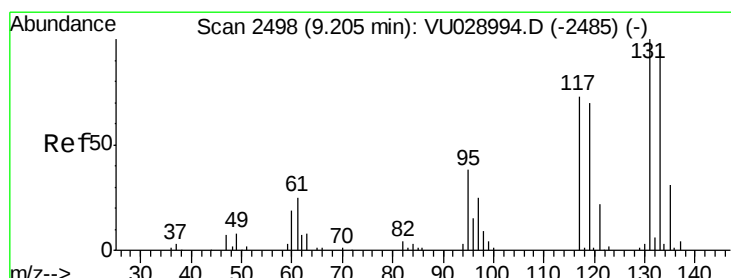
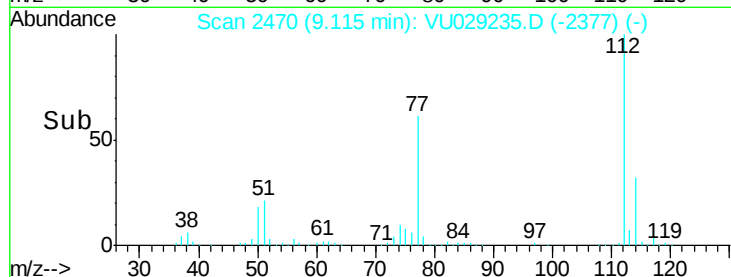
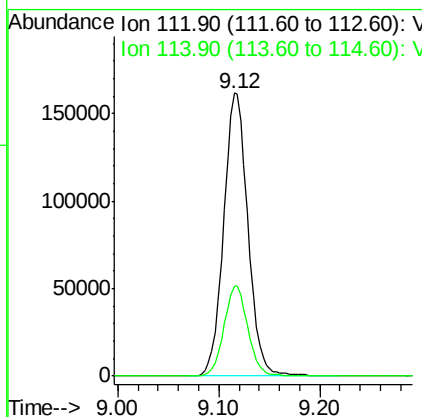
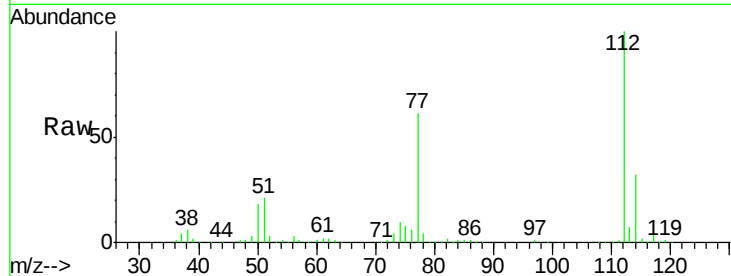
#65
Chlorobenzene
Concen: 45.958 ug/l
RT: 9.12 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 272113
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6

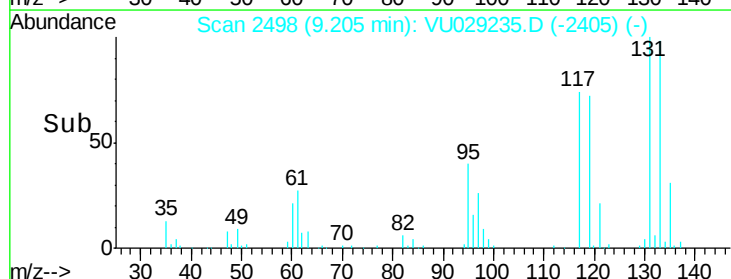
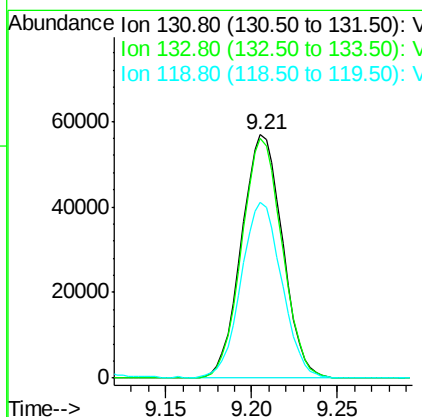
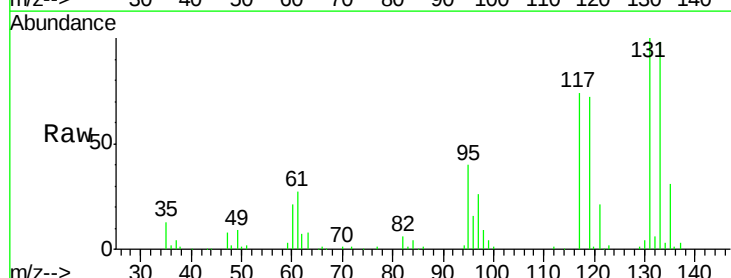
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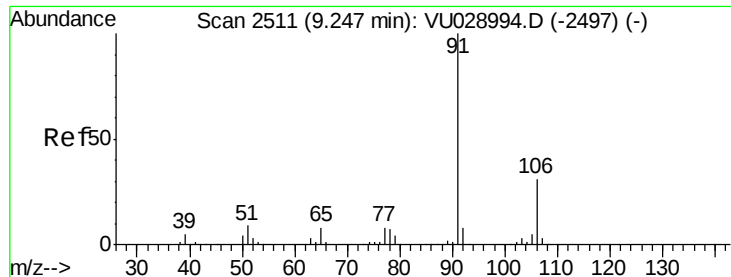
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.104 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion:131 Resp: 94351
Ion Ratio Lower Upper
131 100
133 96.9 48.2 144.6
119 71.7 35.4 106.3





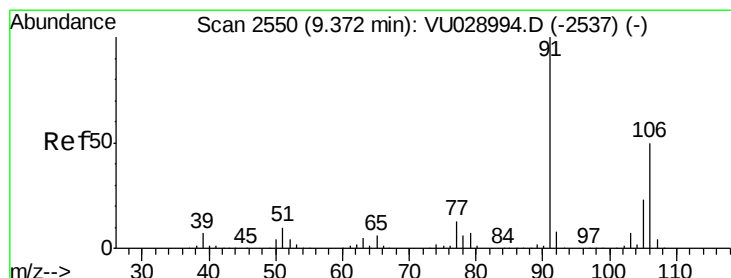
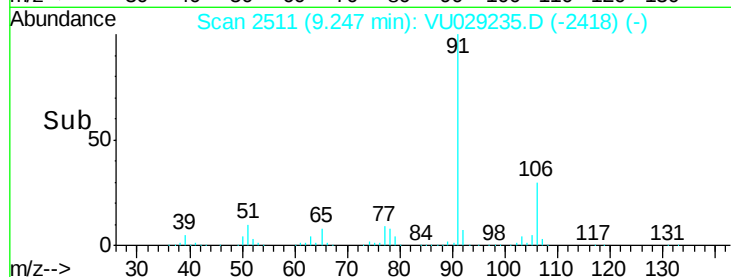
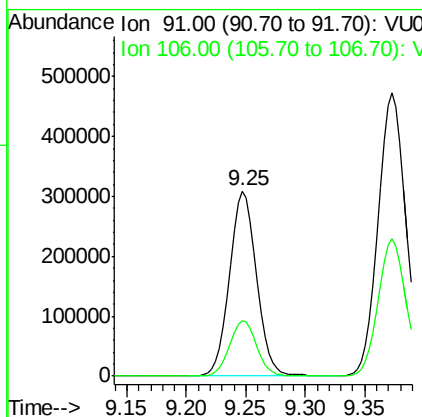
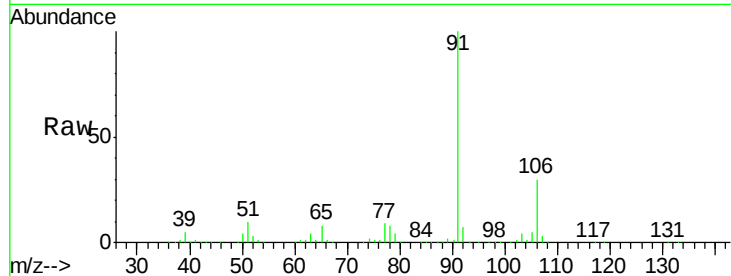
#67
Ethyl Benzene
Concen: 49.310 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 487443
Ion Ratio Lower Upper
91 100
106 29.7 25.0 37.4

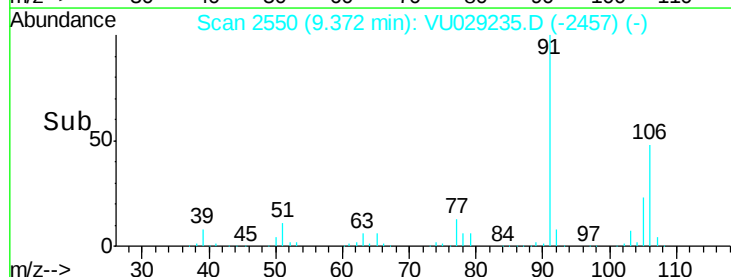
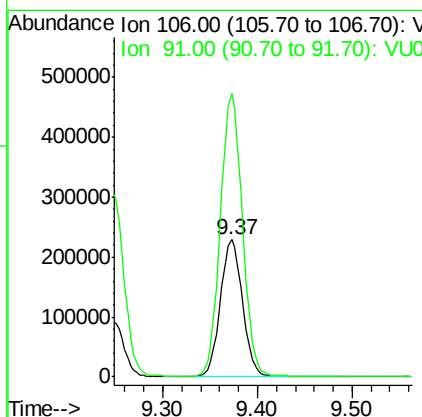
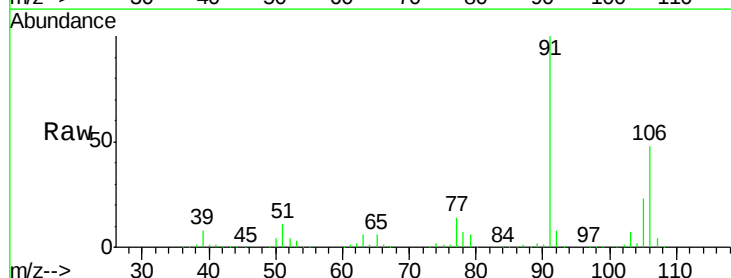
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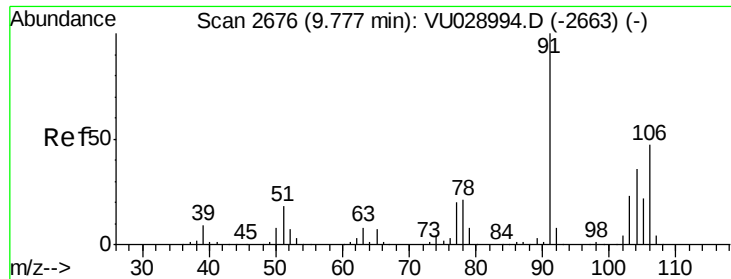
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#68
m/p-Xylenes
Concen: 96.683 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion: 106 Resp: 371348
Ion Ratio Lower Upper
106 100
91 206.9 161.7 242.5





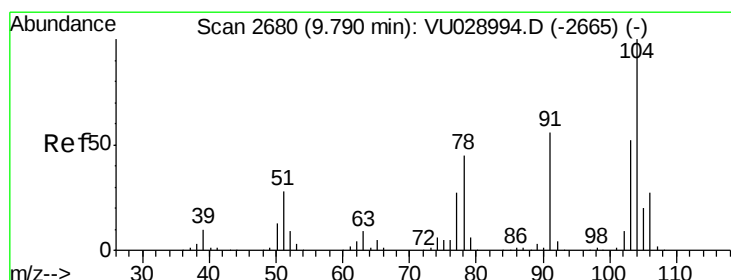
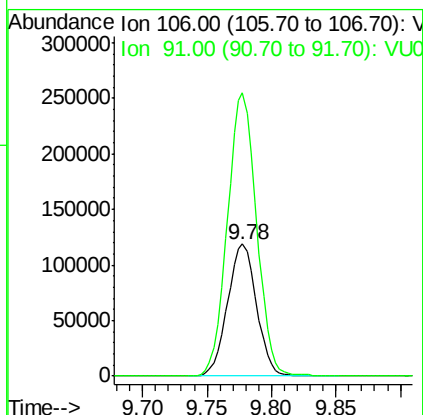
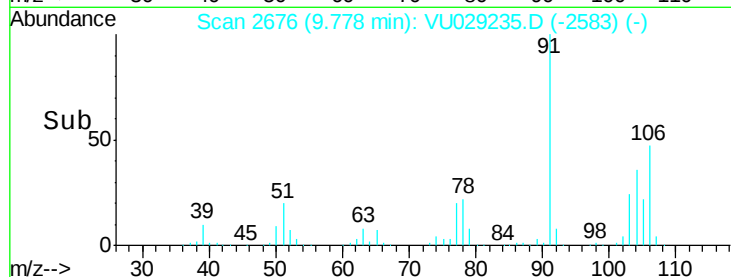
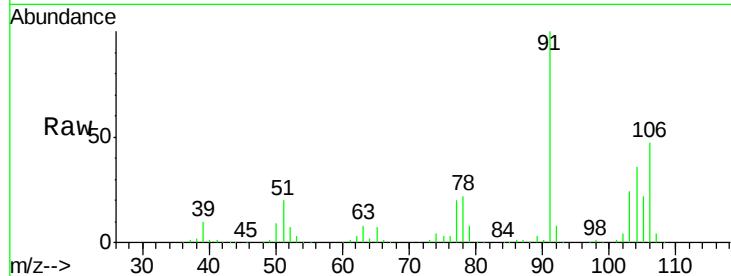
#69
o-Xylene
Concen: 50.135 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleID :
VSTDCCC050

Tot Ion:106 Resp: 185542
Ion Ratio Lower Upper
106 100
91 215.4 106.1 318.3

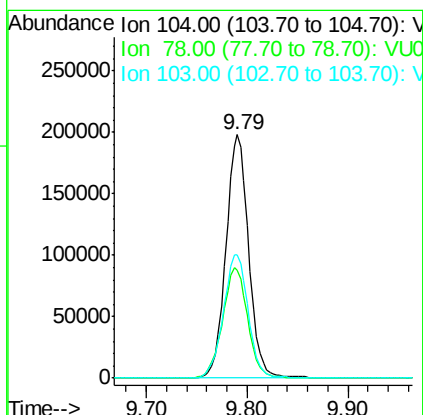
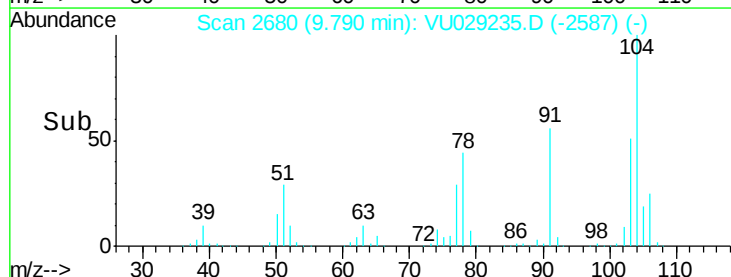
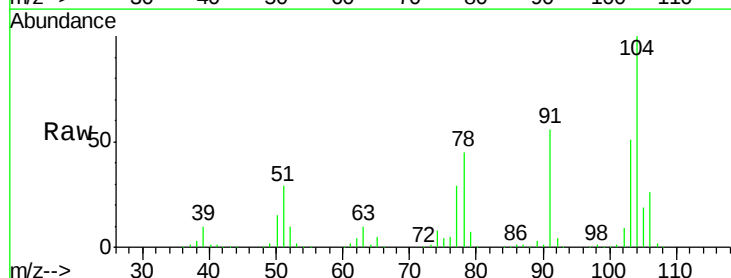
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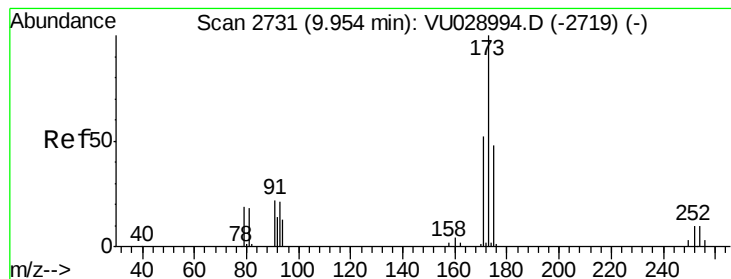
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#70
Styrene
Concen: 51.462 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion:104 Resp: 312215
Ion Ratio Lower Upper
104 100
78 49.9 38.6 58.0
103 55.6 44.5 66.7





#71

Bromoform

Concen: 50.825 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 86955

Ion Ratio Lower Upper

173 100

175 47.5 23.8 71.2

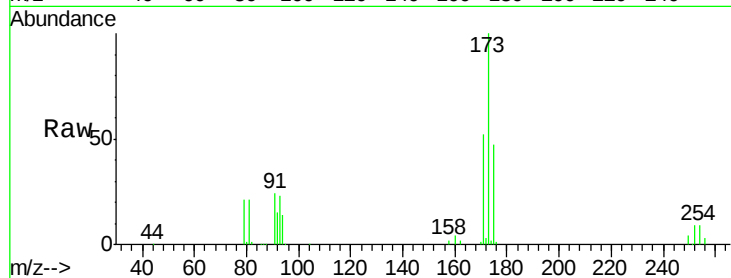
254 0.1 0.0 0.0#

Manual Integrations

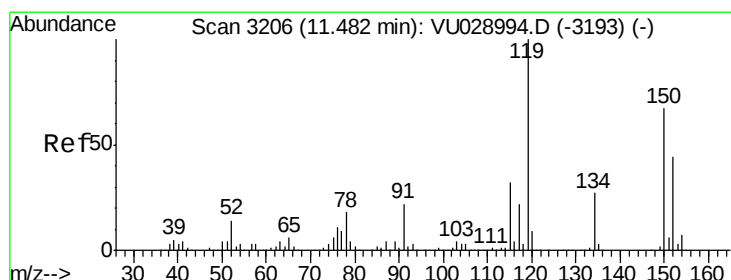
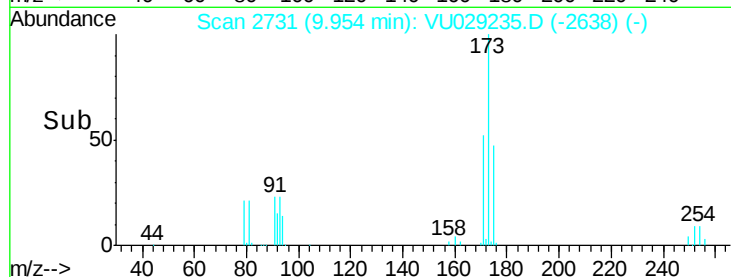
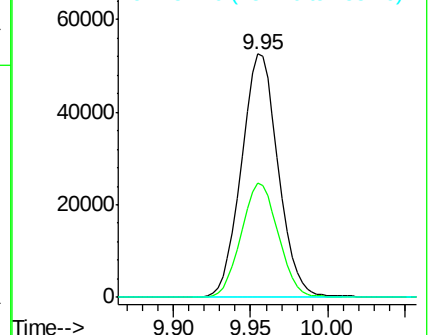
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

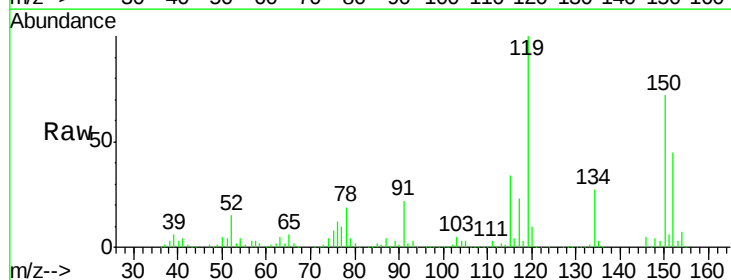
Tgt Ion:152 Resp: 144729

Ion Ratio Lower Upper

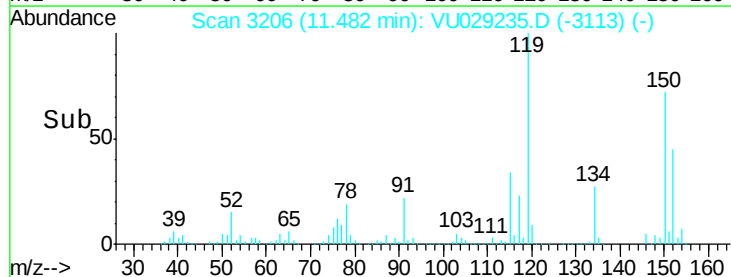
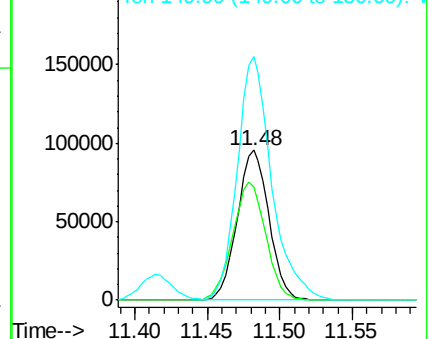
152 100

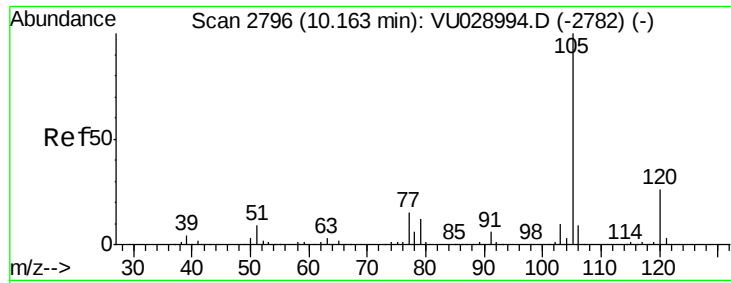
115 82.0 40.1 120.3

150 177.0 0.0 345.2



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





#73

Isopropylbenzene

Concen: 45.308 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 485356

Ion Ratio Lower Upper

105 100

120 26.3

13.2

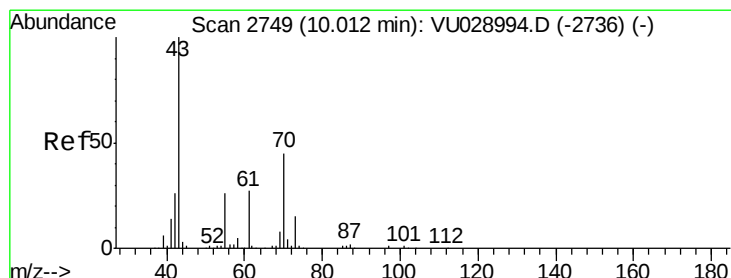
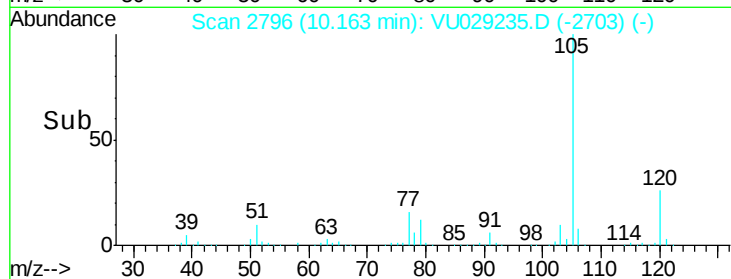
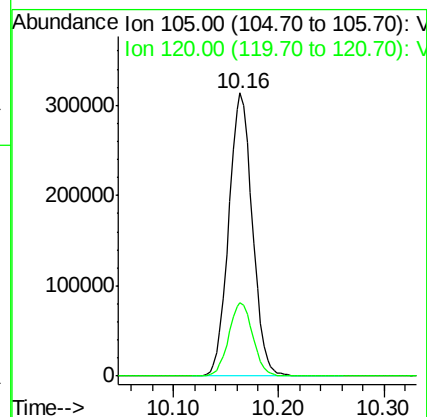
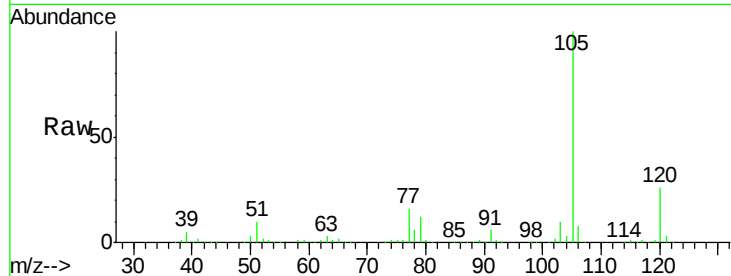
39.5

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#74

N-ethyl acetate

Concen: 47.081 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Tgt Ion: 43 Resp: 217334

Ion Ratio Lower Upper

43 100

70 42.7

55 25.1

61 25.2

36.3

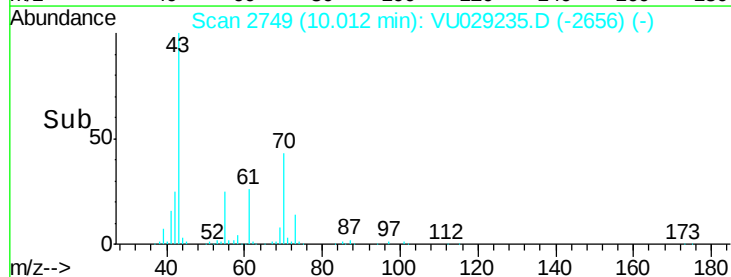
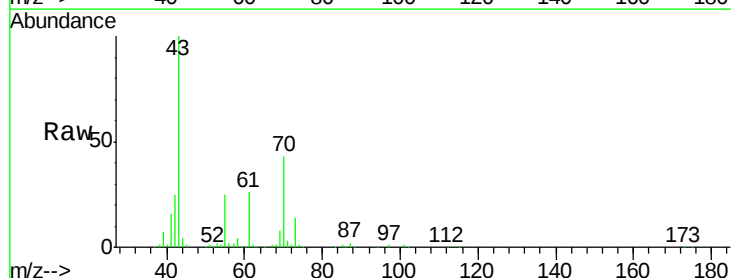
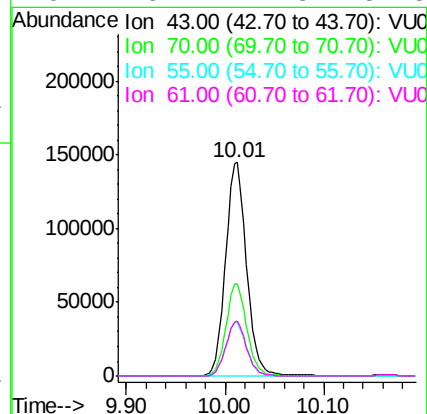
20.5

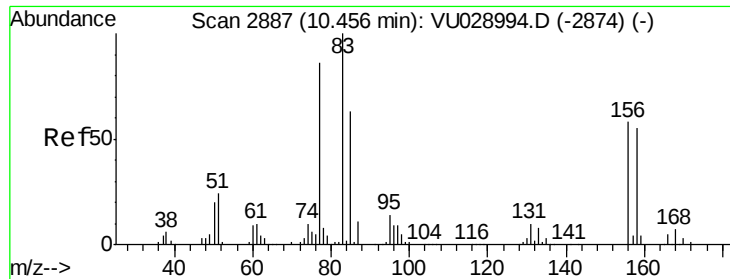
21.8

54.5

30.7

32.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.648 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 204570
Ion Ratio Lower Upper

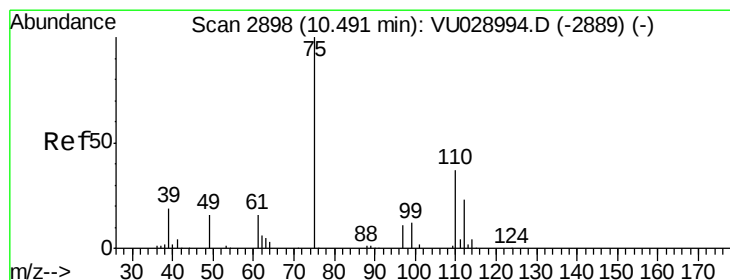
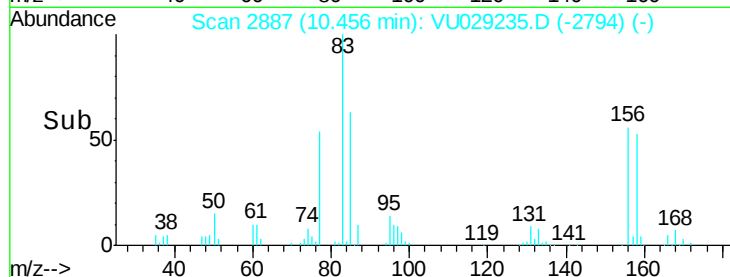
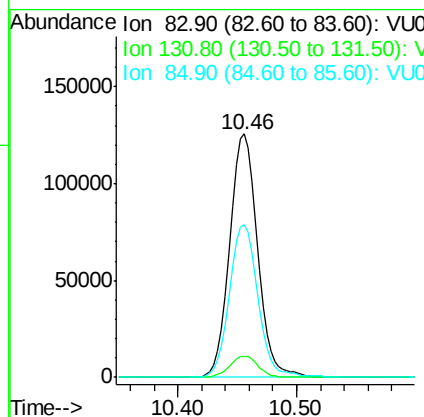
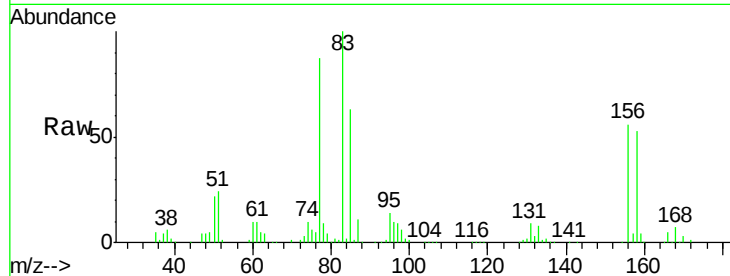
83 100

131 8.7 4.7 14.1

85 64.1 32.0 96.2

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#76

1,2,3-Trichloropropane

Concen: 46.301 ug/l m

RT: 10.49 min Scan# 2898

Delta R.T. 0.00 min

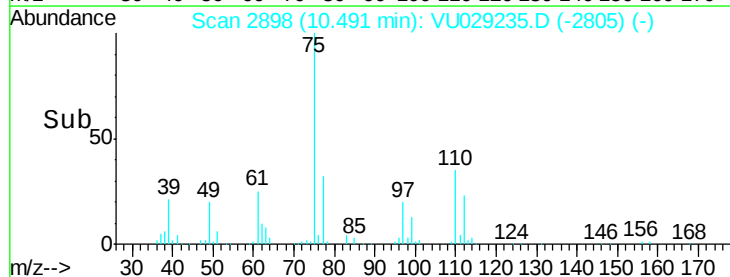
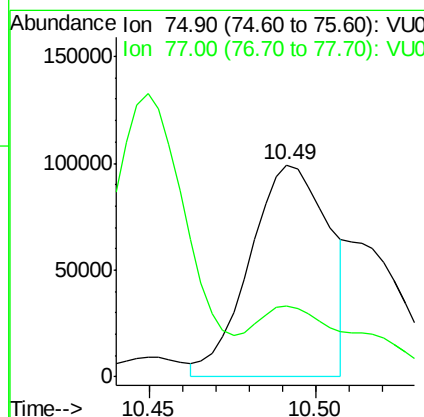
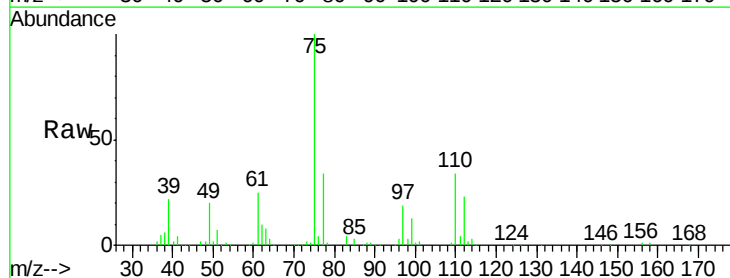
Lab File: VU029235.D

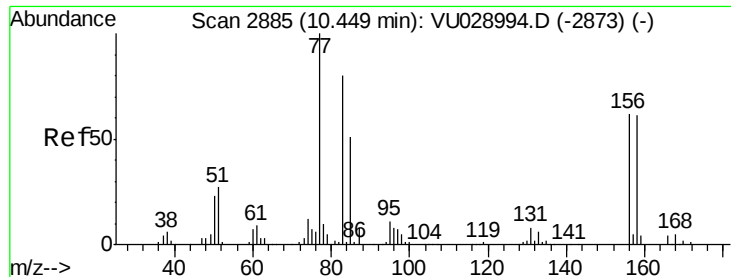
Acq: 21 Jan 2019 08:57

Tgt Ion: 75 Resp: 164189
Ion Ratio Lower Upper

75 100

77 46.8 20.9 62.8





#77

Bromobenzene

Concen: 46.432 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

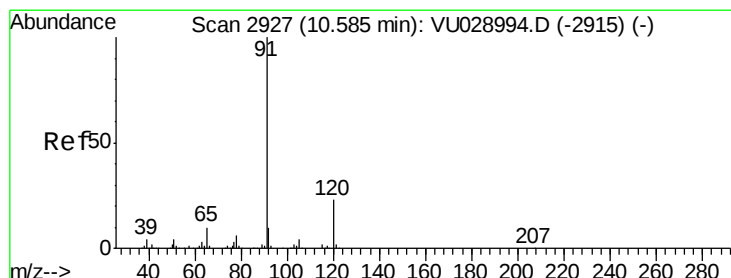
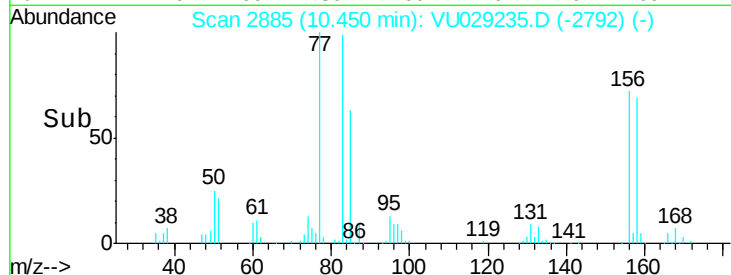
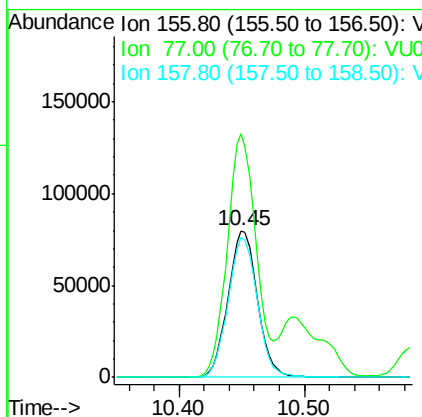
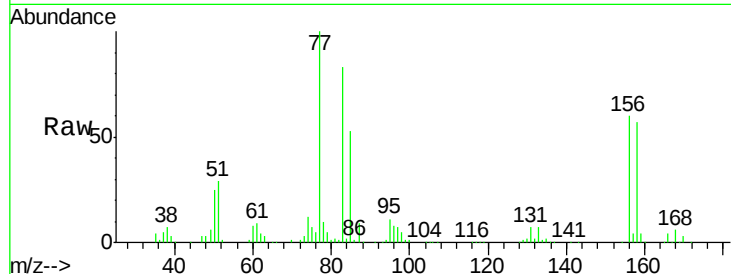
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	163.1	79.0	237.2		
158	95.1	48.9	146.6		

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#78

n-propylbenzene

Concen: 49.645 ug/l

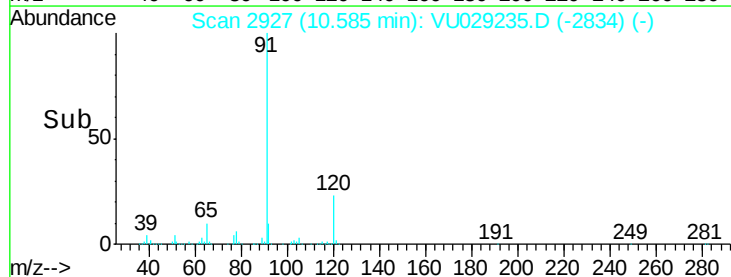
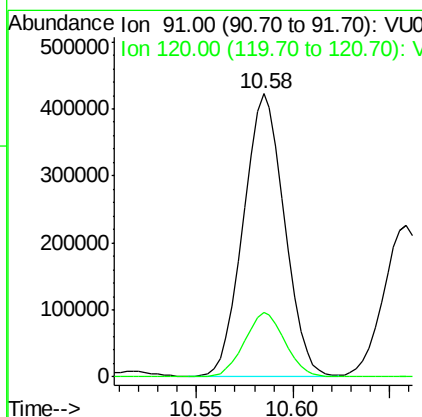
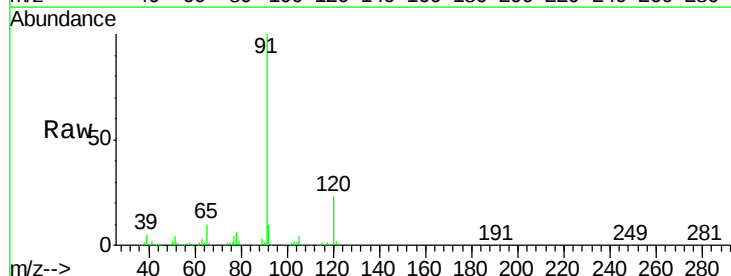
RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.3	11.3	33.9		





#79

2-Chlorotoluene

Concen: 46.415 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 355455

Ion Ratio Lower Upper

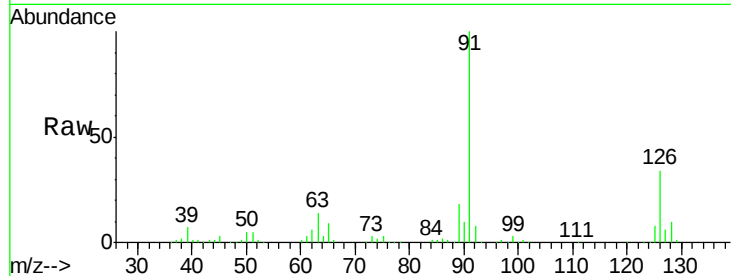
91 100

126 33.8 16.8 50.4

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Abundance Ion 91.00 (90.70 to 91.70): VU028994.D (-2939) (-)

Ion 125.90 (125.60 to 126.60): VU028994.D (-2939) (-)

500000

400000

300000

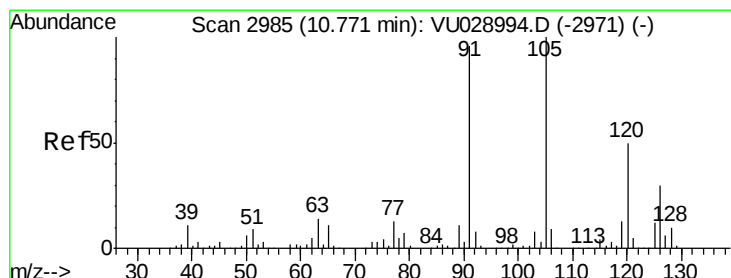
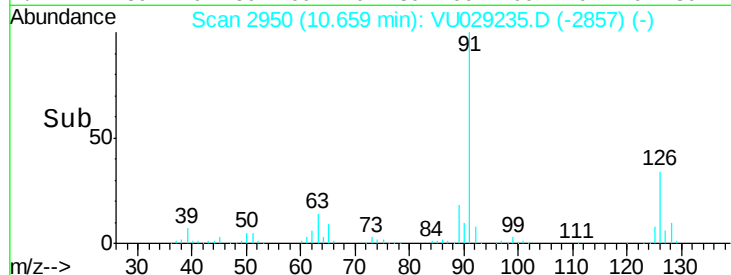
200000

100000

0

10.60 10.65 10.70 10.75

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.252 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029235.D

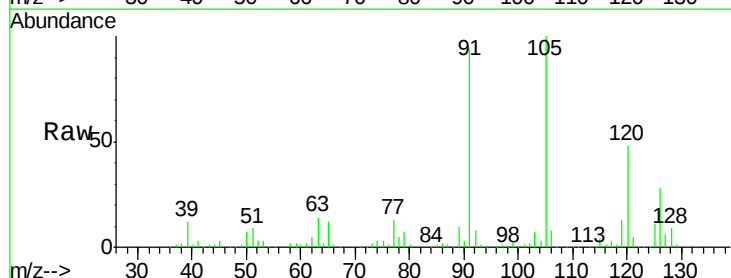
Acq: 21 Jan 2019 08:57

Tgt Ion: 105 Resp: 431648

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VU028994.D (-2971) (-)

Ion 120.00 (119.70 to 120.70): VU028994.D (-2971) (-)

300000

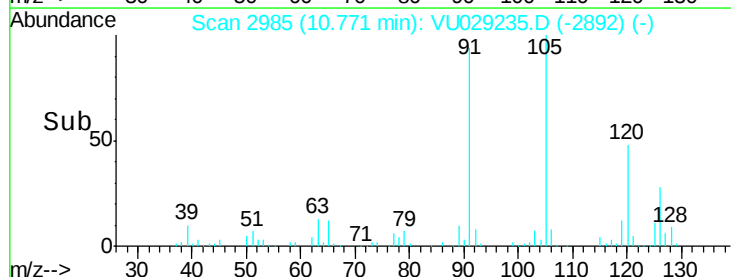
200000

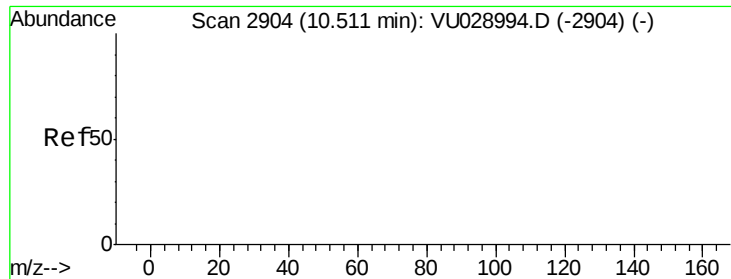
100000

0

10.70 10.75 10.80 10.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 54.214 ug/l m

RT: 10.51 min Scan# 2903

Delta R.T. -0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

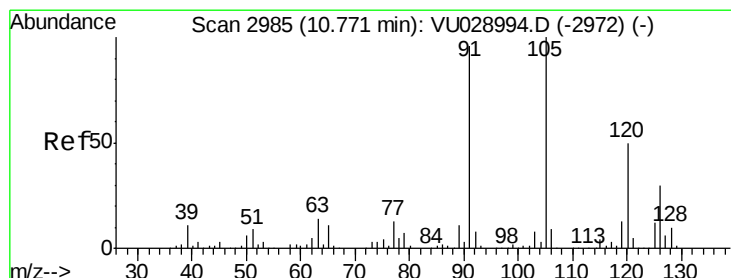
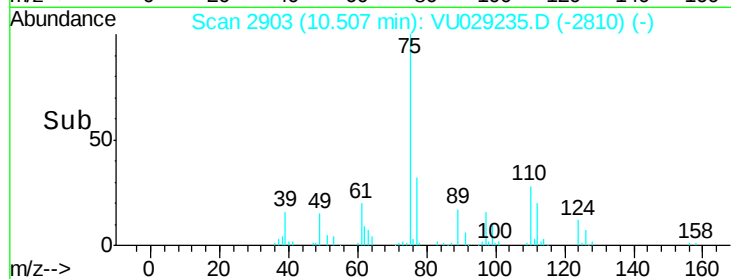
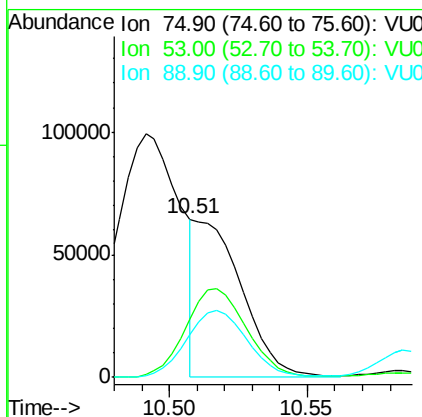
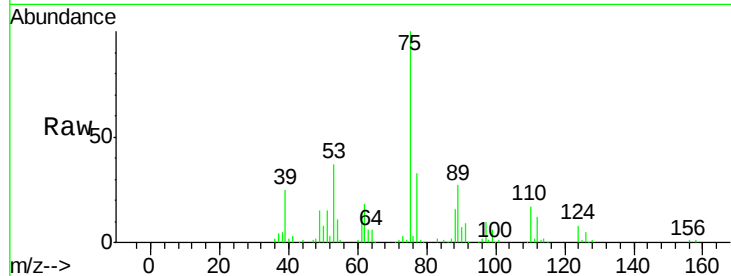
Instrument :
MSVOA_U

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.946 ug/l

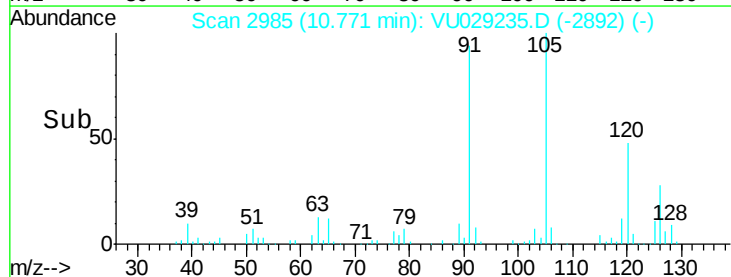
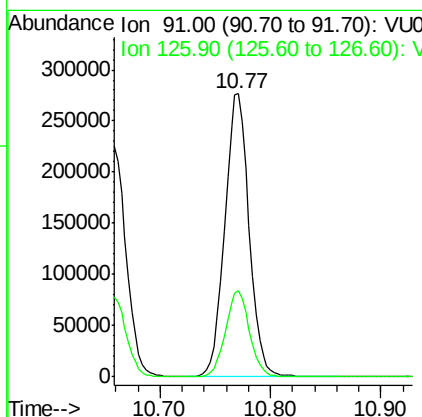
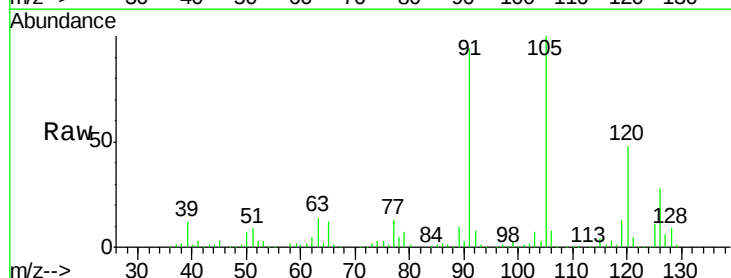
RT: 10.77 min Scan# 2985

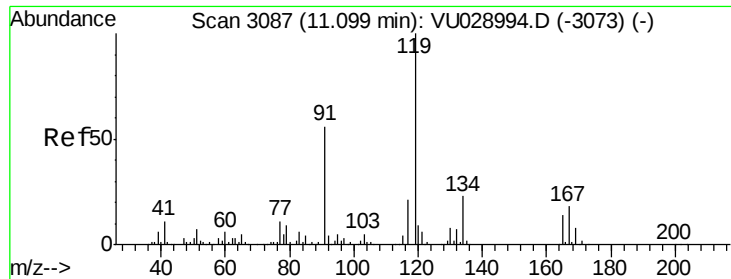
Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.5	46.5





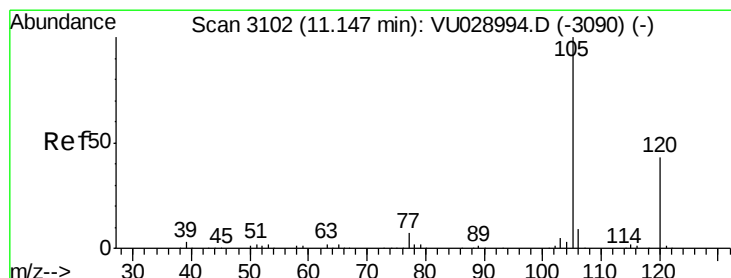
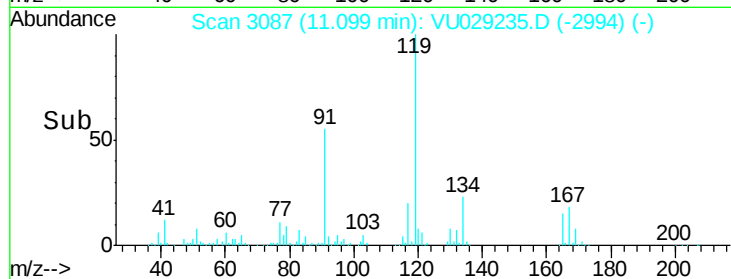
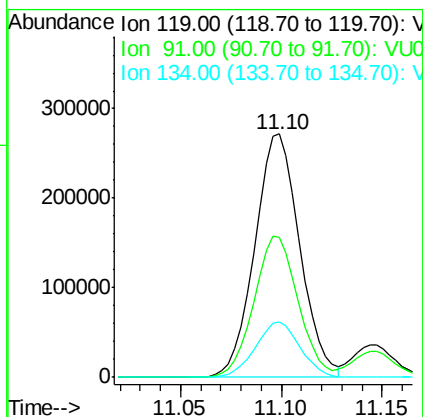
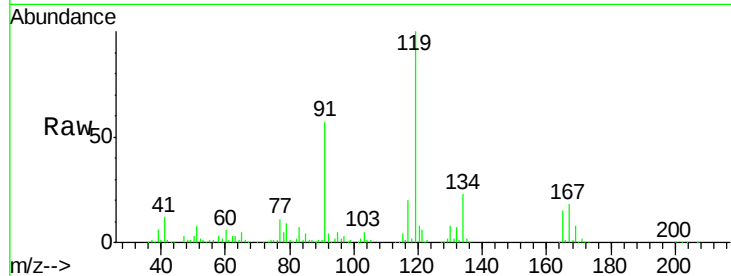
#83
tert-Butylbenzene
Concen: 47.963 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.8	28.2	84.6
134	22.4	11.3	33.8

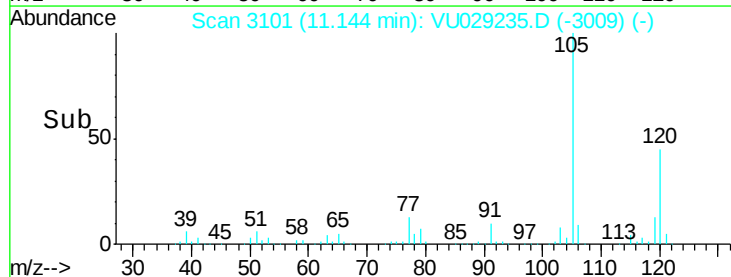
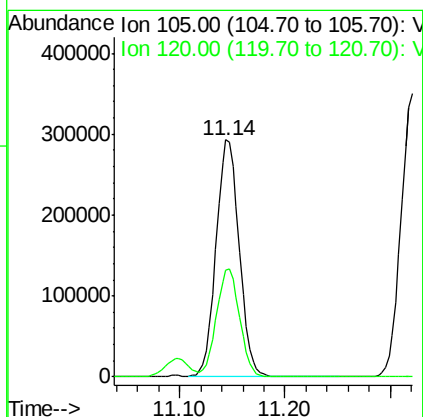
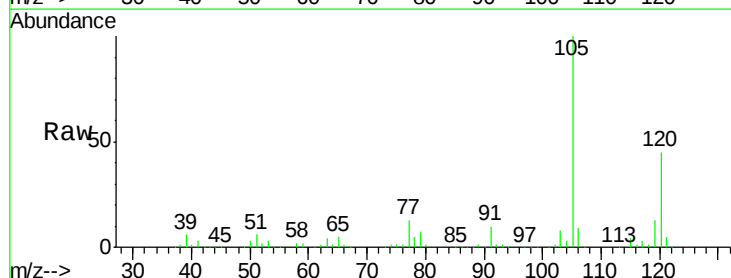
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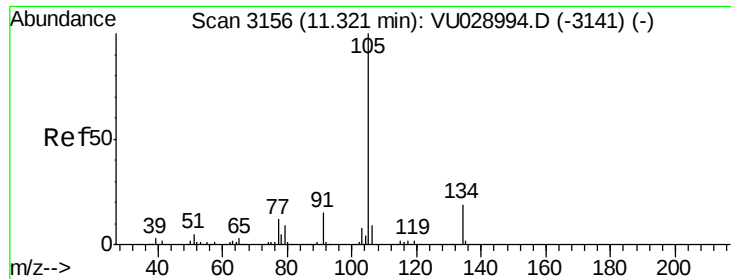
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 49.739 ug/l
RT: 11.14 min Scan# 3101
Delta R.T. -0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.666 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 540272

Ion Ratio Lower Upper

105 100

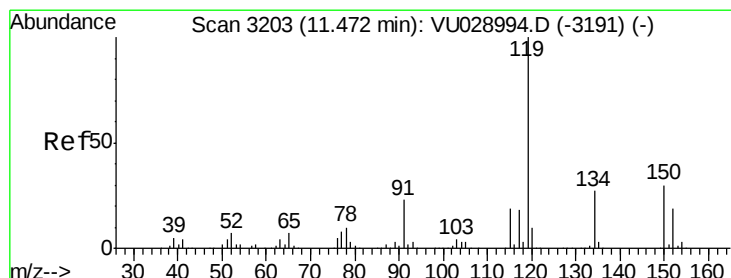
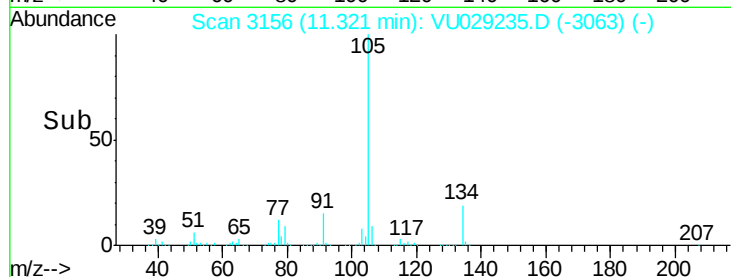
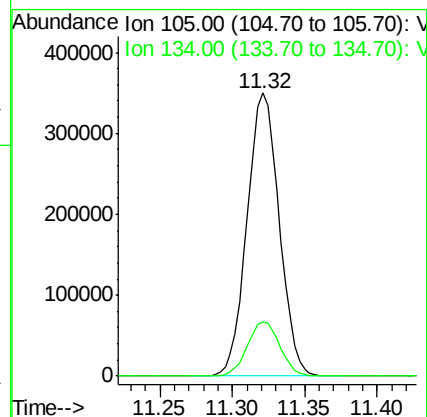
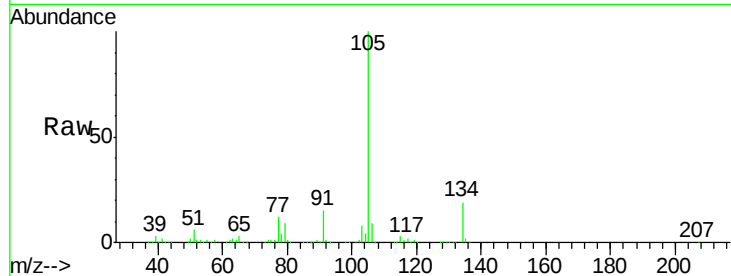
134 19.4 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 52.008 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VU029235.D

Acq: 21 Jan 2019 08:57

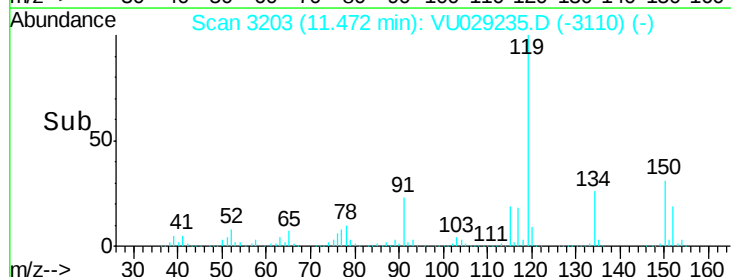
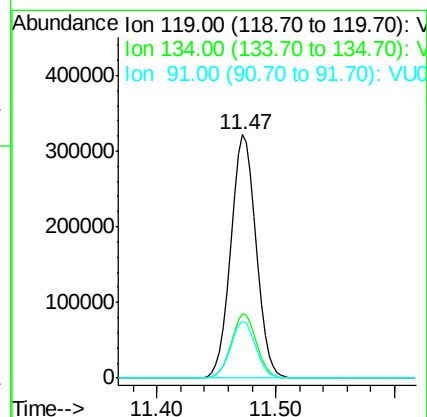
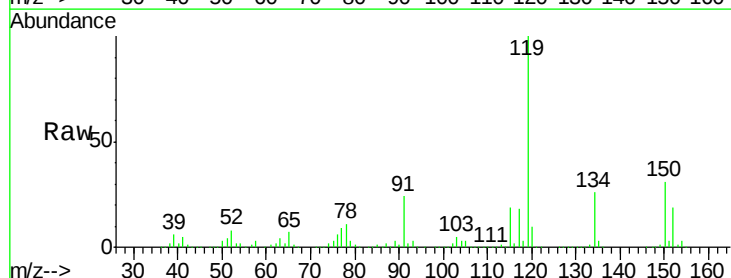
Tgt Ion:119 Resp: 472575

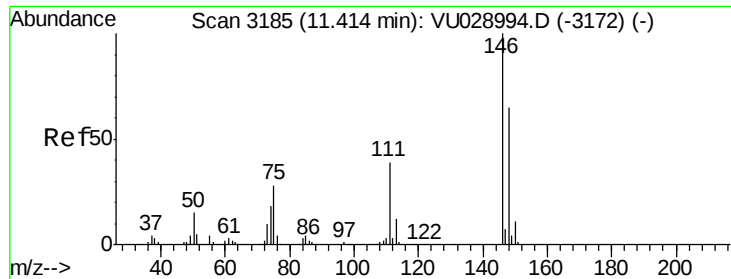
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 23.1 11.3 33.8





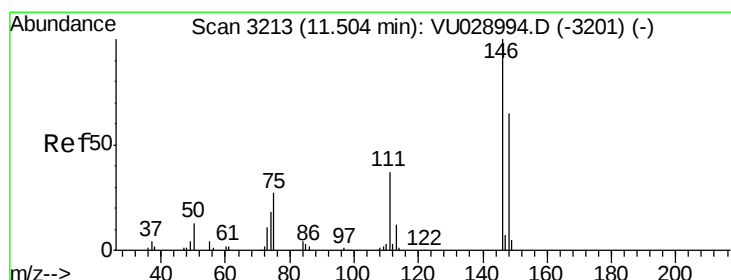
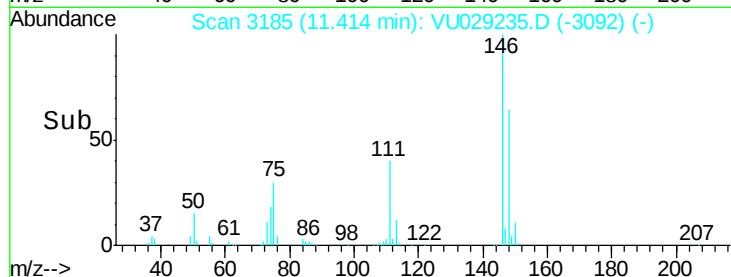
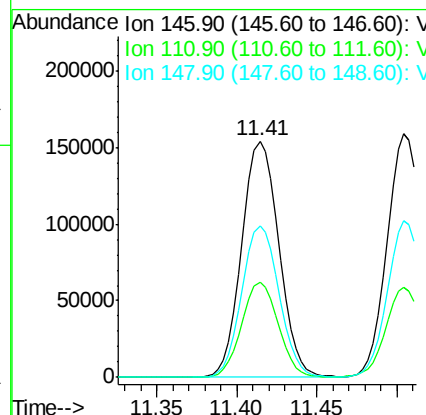
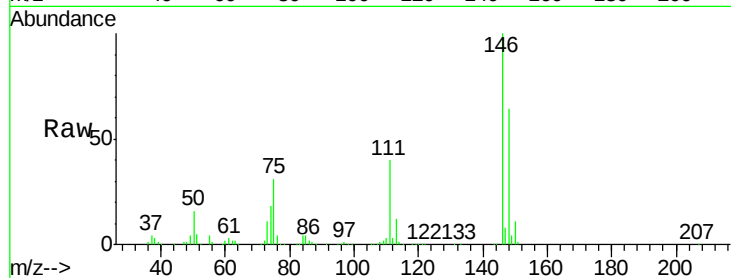
#87
 1,3-Dichlorobenzene
 Concen: 47.670 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.3	57.8
148	64.4	32.5	97.5

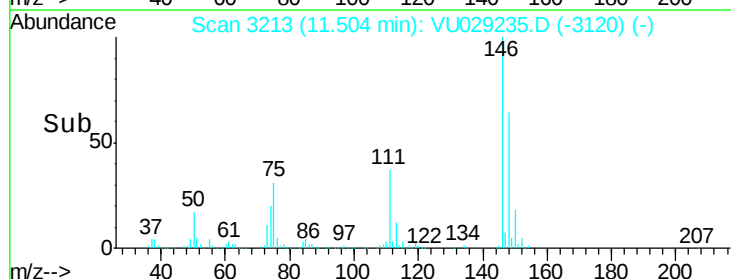
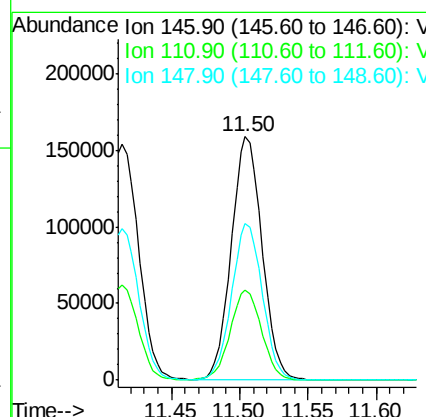
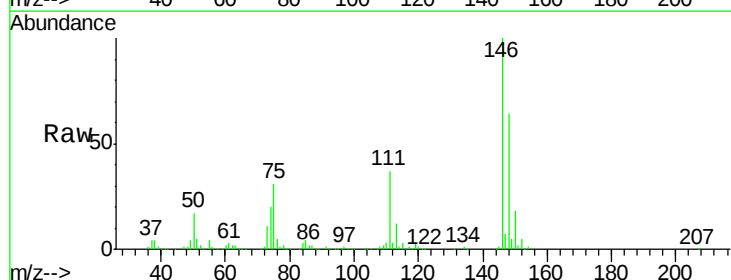
Manual Integrations
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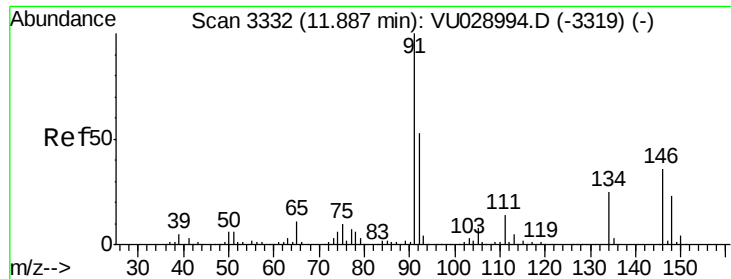
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#88
 1,4-Dichlorobenzene
 Concen: 47.083 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.3
148	64.2	32.6	98.0





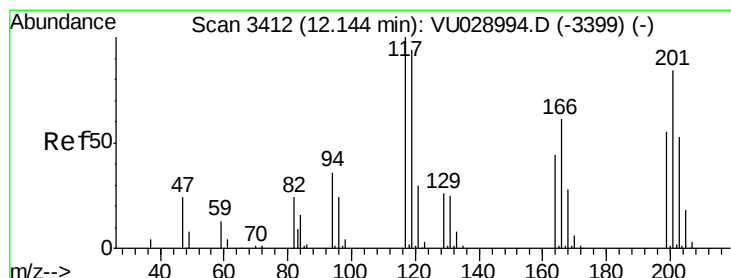
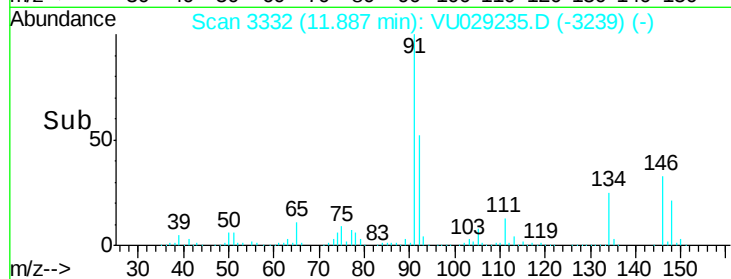
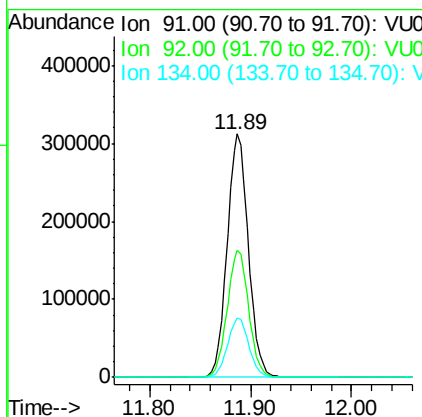
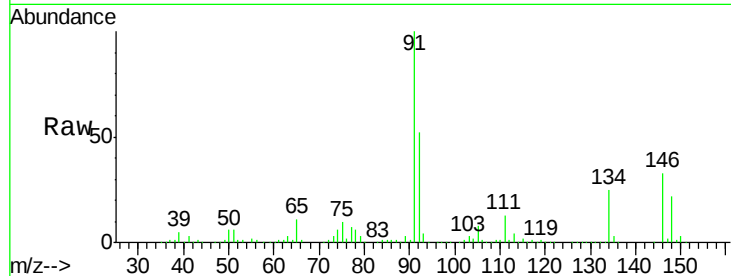
#89
n-Butylbenzene
Concen: 56.615 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.5
134	24.7	12.6	37.6

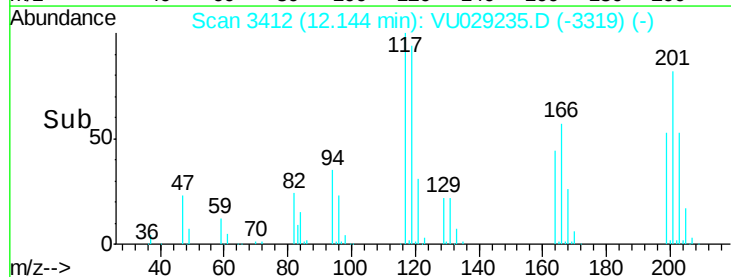
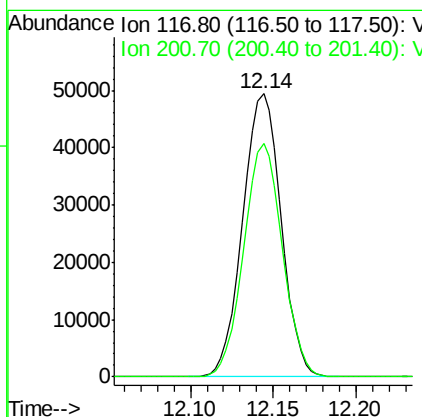
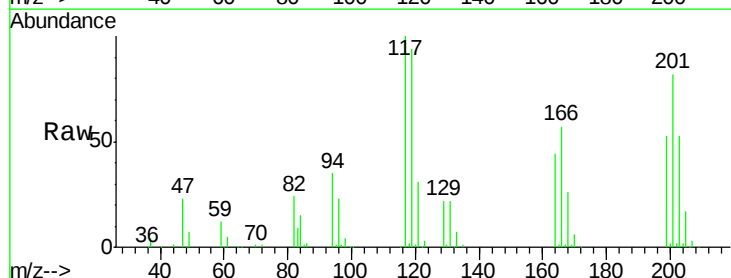
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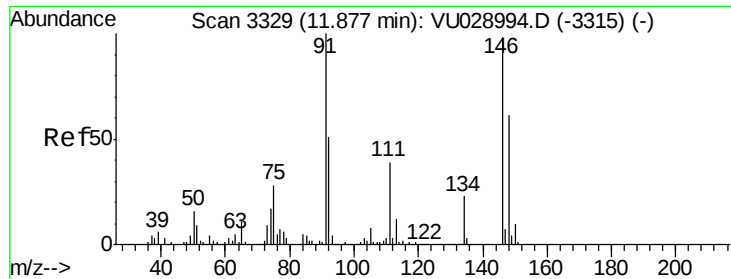
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#90
Hexachloroethane
Concen: 52.186 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.5	42.4	127.3





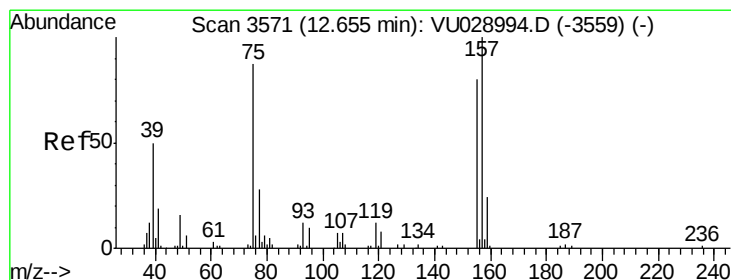
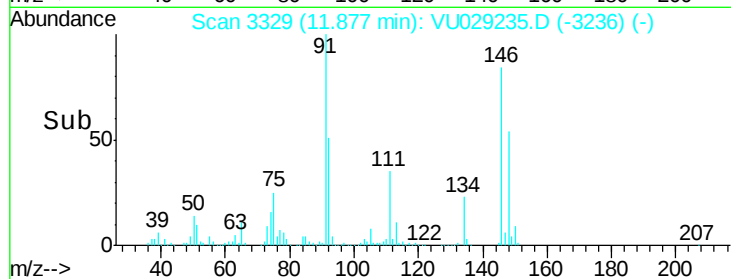
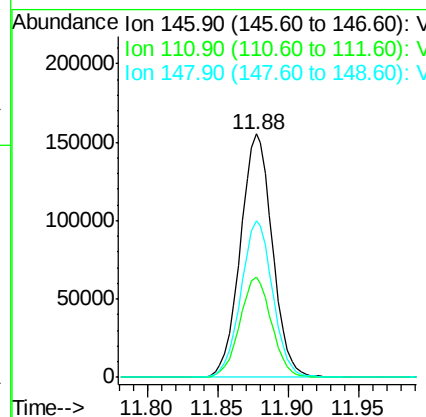
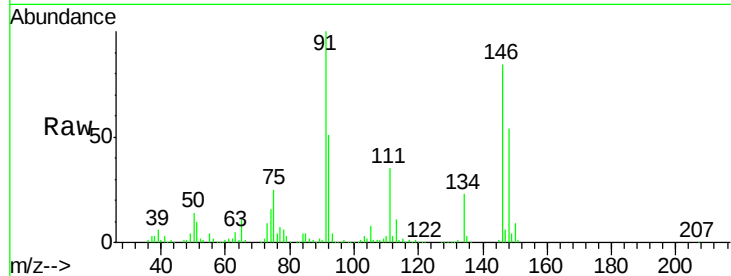
#91
 1,2-Dichlorobenzene
 Concen: 47.857 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.0	59.9
148	63.8	31.6	94.8

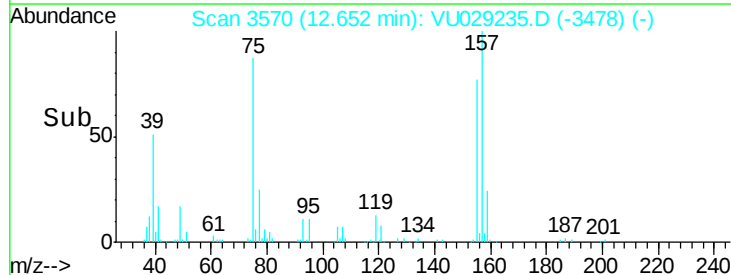
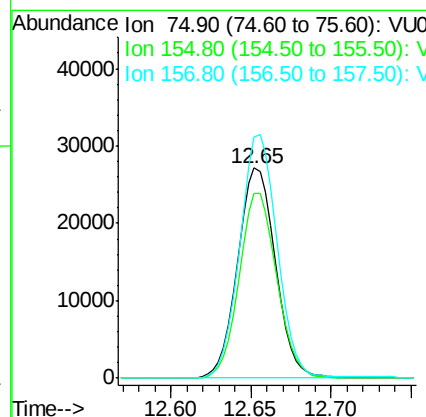
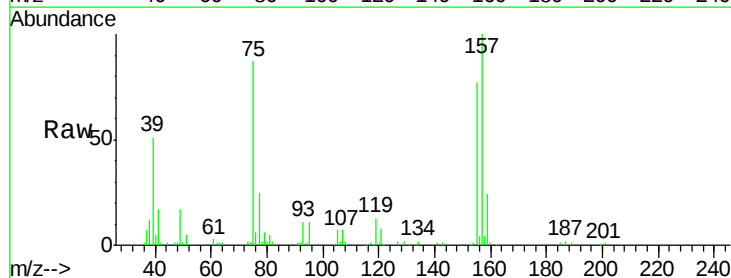
Manual Integrations
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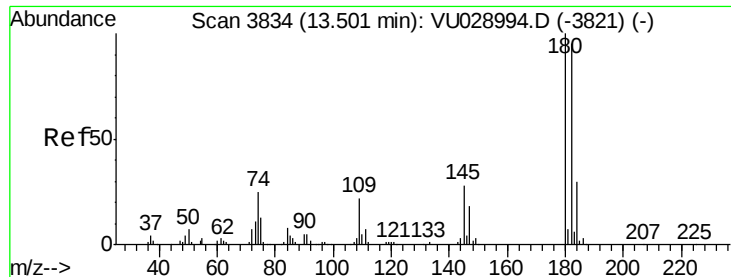
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.057 ug/l
 RT: 12.65 min Scan# 3570
 Delta R.T. -0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	46.3	138.8
157	113.9	57.4	172.0





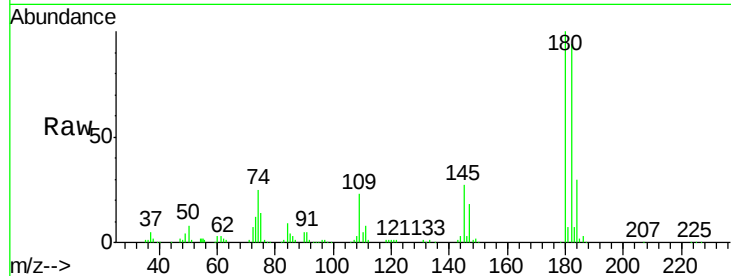
#93
 1,2,4-Trichlorobenzene
 Concen: 51.866 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

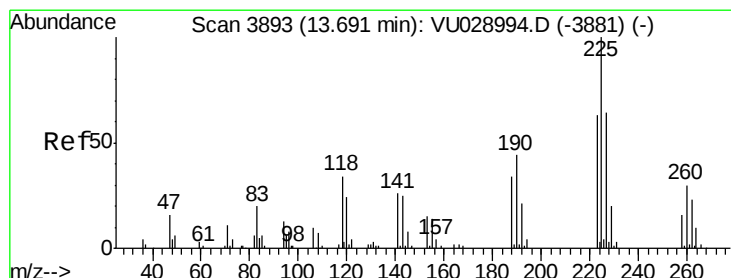
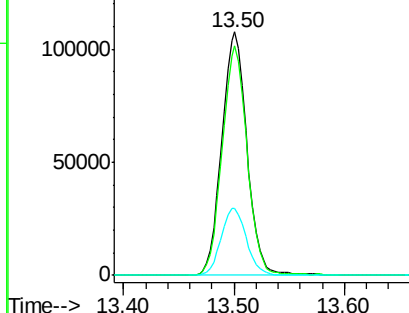
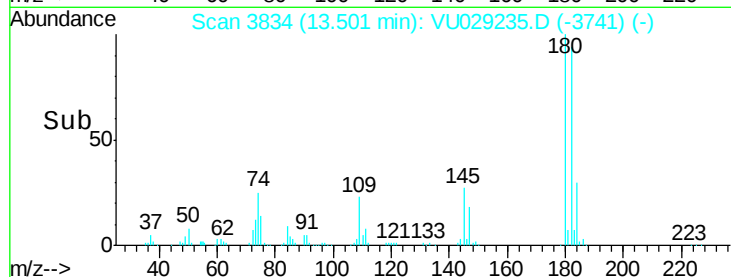
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.5	142.6
145	27.8	14.0	42.0

Manual Integrations
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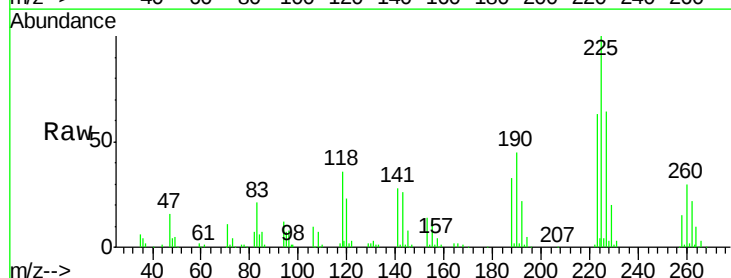


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

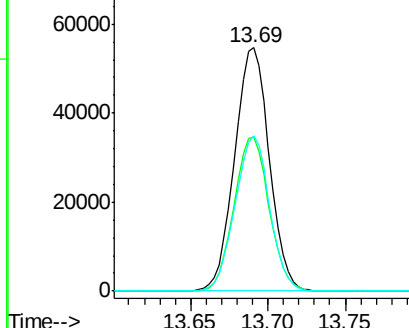
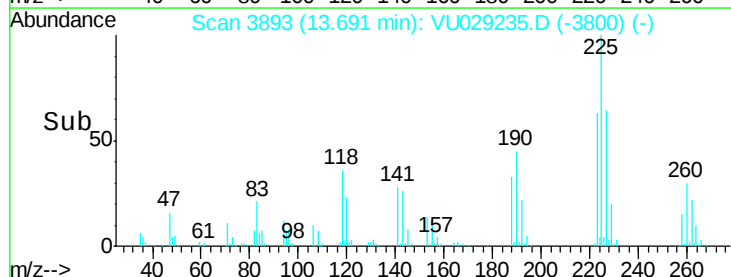


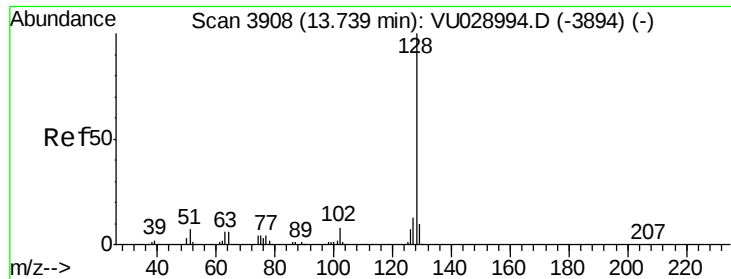
#94
 Hexachlorobutadiene
 Concen: 56.539 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU029235.D
 Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.4	94.0
227	63.6	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





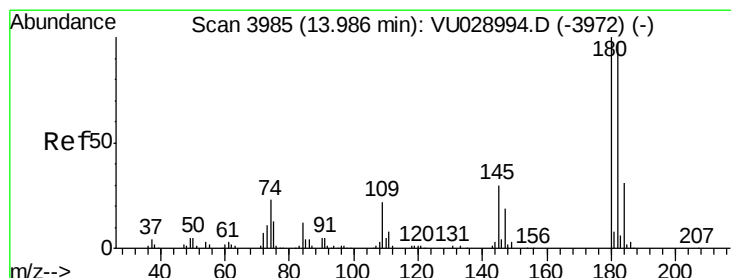
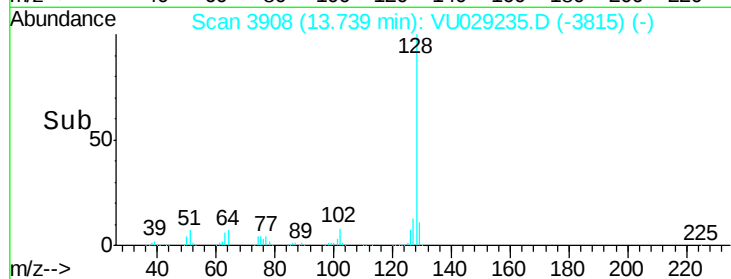
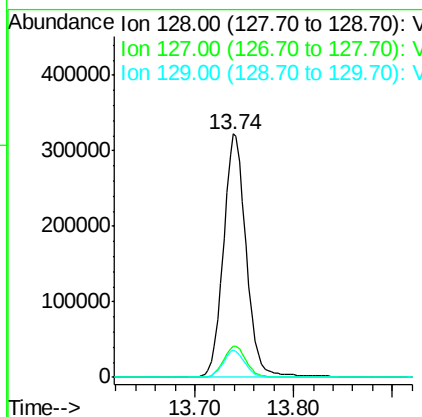
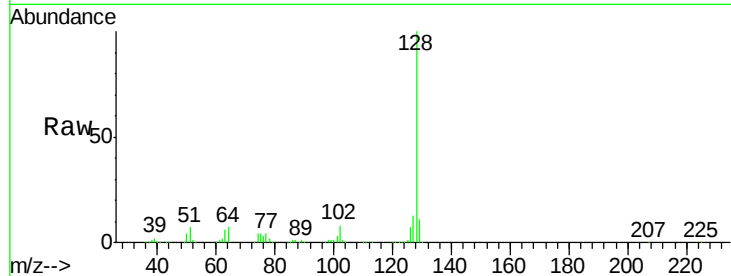
#95
Naphthalene
Concen: 46.697 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.6	8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.991 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029235.D
Acq: 21 Jan 2019 08:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.1	144.3
145	29.1	14.8	44.4

