

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024825.D
 Acq On : 21 Jun 2018 20:57
 Operator : MD/SY
 Sample : J3539-05MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Manual Integrations
 APPROVED

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 6/22/2018 4:02:17 PM

Quant Time: Jun 22 05:14:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	162067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	273454	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	261640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	133321	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	4.89	113	106952	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
50) Toluene-d8	7.57	98	386436	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
62) 4-Bromofluorobenzene	10.31	95	149272	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91678	45.19	ug/l	98
3) Chloromethane	1.33	50	103043	49.72	ug/l	100
4) Vinyl Chloride	1.40	62	105773	49.49	ug/l	98
5) Bromomethane	1.62	94	60847	58.89	ug/l	98
6) Chloroethane	1.69	64	69506	58.37	ug/l	100
7) Trichlorofluoromethane	1.89	101	165506	50.74	ug/l	100
8) Diethyl Ether	2.10	74	63890	57.85	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	84261	41.64	ug/l	98
10) Methyl Iodide	2.41	142	91854	53.25	ug/l	99
11) Tert butyl alcohol	2.82	59	145316	225.83	ug/l	100
12) 1,1-Dichloroethene	2.28	96	88034	47.71	ug/l	93
13) Acrolein	2.19	56	69084	204.45	ug/l	97
14) Allyl chloride	2.59	41	142860m	41.69	ug/l	
15) Acrylonitrile	2.93	53	320808	256.24	ug/l	100
16) Acetone	2.32	43	304039	213.87	ug/l	98
17) Carbon Disulfide	2.48	76	250294	42.36	ug/l	99
18) Methyl Acetate	2.62	43	99419	32.62	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	347473	50.09	ug/l	97
20) Methylene Chloride	2.70	84	104128	46.68	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	96554	47.51	ug/l	96
22) Diisopropyl ether	3.57	45	335018	49.32	ug/l	96
23) Vinyl Acetate	3.53	43	847828	139.34	ug/l	98
24) 1,1-Dichloroethane	3.45	63	194429	49.76	ug/l	99
25) 2-Butanone	4.26	43	470267	246.28	ug/l	98
26) 2,2-Dichloropropane	4.23	77	34496	9.30	ug/l #	75
27) cis-1,2-Dichloroethene	4.23	96	122049	52.23	ug/l	90
28) Bromochloromethane	4.55	49	87383	50.77	ug/l	89
29) Tetrahydrofuran	4.63	42	300763	254.35	ug/l	97
30) Chloroform	4.68	83	204482	51.70	ug/l	100
31) Cyclohexane	5.00	56	168815	48.60	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	184209	50.37	ug/l	97
36) 1,1-Dichloropropene	5.14	75	140989	43.88	ug/l	97
37) Ethyl Acetate	4.38	43	111311	31.78	ug/l	98
38) Carbon Tetrachloride	5.14	117	165181	46.75	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	152895	38.13	ug/l	96
40) Benzene	5.39	78	434225	47.42	ug/l	99
41) Methacrylonitrile	4.54	41	97677	51.73	ug/l	99
42) 1,2-Dichloroethane	5.41	62	173178	49.66	ug/l	99
43) Isopropyl Acetate	5.55	43	212678	35.13	ug/l	100
44) Trichloroethene	6.19	130	154287	59.21	ug/l	96
45) 1,2-Dichloropropane	6.44	63	117186	47.97	ug/l	96
46) Dibromomethane	6.56	93	84307	49.13	ug/l	95
47) Bromodichloromethane	6.76	83	160448	46.95	ug/l	99
48) Methyl methacrylate	6.62	41	141778	48.10	ug/l	97
49) 1,4-Dioxane	6.61	88	61566	1067.95	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	932698	245.23	ug/l	98
52) Toluene	7.64	92	277810	47.16	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	137177	35.75	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	143330	35.05	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	117366	49.01	ug/l	96
56) Ethyl methacrylate	8.02	69	190198	47.46	ug/l	99
57) 1,3-Dichloropropane	8.25	76	195286	48.35	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	481	0.31	ug/l #	50
59) 2-Hexanone	8.36	43	741206	238.71	ug/l	99
60) Dibromochloromethane	8.48	129	137601	46.08	ug/l	99
61) 1,2-Dibromoethane	8.59	107	127308	47.77	ug/l	97
64) Tetrachloroethene	8.23	164	103041	41.43	ug/l	94
65) Chlorobenzene	9.12	112	316406	47.34	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	120753	47.55	ug/l	98
67) Ethyl Benzene	9.25	91	541926	46.25	ug/l	97
68) m/p-Xylenes	9.38	106	419943	93.33	ug/l	98
69) o-Xylene	9.78	106	212155	47.64	ug/l	97
70) Styrene	9.80	104	343722	46.97	ug/l	99
71) Bromoform	9.96	173	108932	45.13	ug/l #	99
73) Isopropylbenzene	10.17	105	565339	47.52	ug/l	98
74) N-amyl acetate	10.01	43	153016	27.04	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	198018	49.67	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	168829m	49.49	ug/l	
77) Bromobenzene	10.45	156	146697	48.71	ug/l	95
78) n-propylbenzene	10.59	91	626517	44.71	ug/l	98
79) 2-Chlorotoluene	10.66	91	389954	47.19	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	485906	47.13	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	40283m	27.33	ug/l	
82) 4-Chlorotoluene	10.78	91	443352	46.10	ug/l	99
83) tert-Butylbenzene	11.10	119	492092	49.62	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	494474	47.06	ug/l	100
85) sec-Butylbenzene	11.33	105	566948	45.67	ug/l	97
86) p-Isopropyltoluene	11.48	119	501586	45.11	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	260569	46.83	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	263330	47.02	ug/l	99
89) n-Butylbenzene	11.89	91	390048	39.51	ug/l	96
90) Hexachloroethane	12.15	117	95460	44.01	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	275613	49.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53935	49.03	ug/l	94

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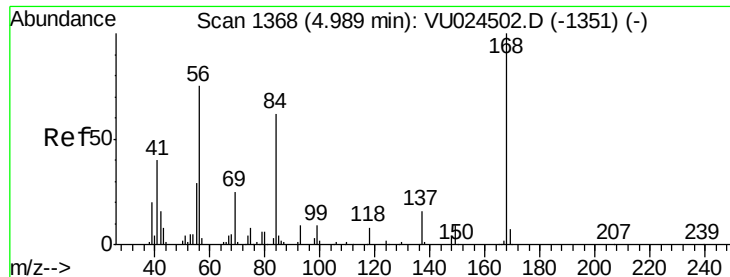
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	171456	49.82	ug/l	99
94) Hexachlorobutadiene	13.70	225	82712	42.70	ug/l	99
95) Naphthalene	13.74	128	617036	54.10	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	186704	54.45	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

Tot Ion:168 Resp: 162067

Ion Ratio Lower Upper

168 100

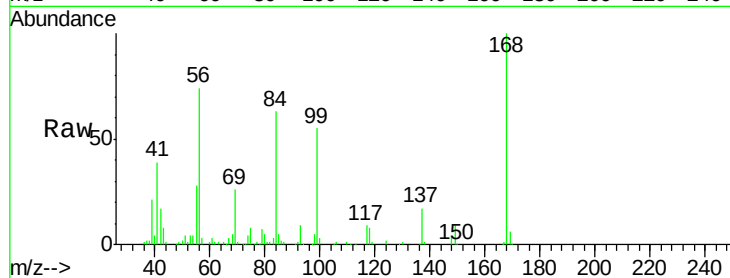
99 54.2 43.2 64.8

Manual Integrations

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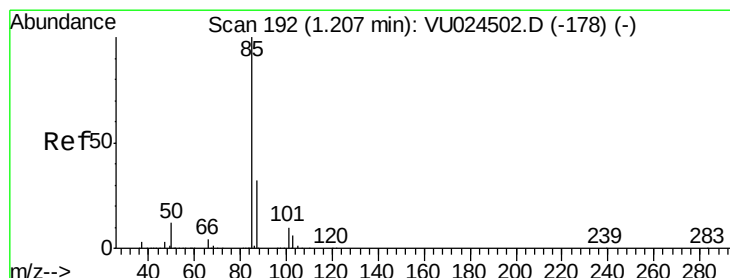
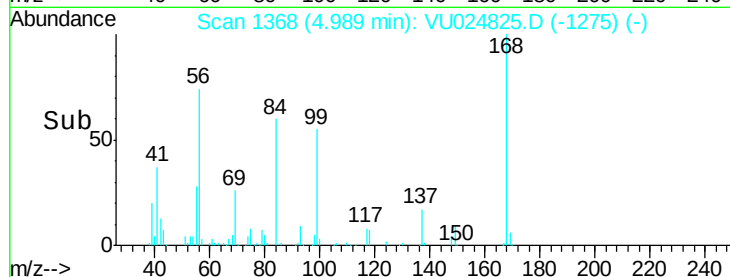
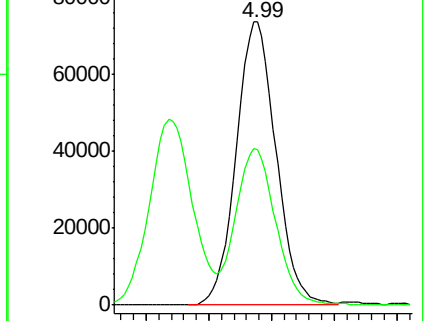
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 45.19 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024825.D

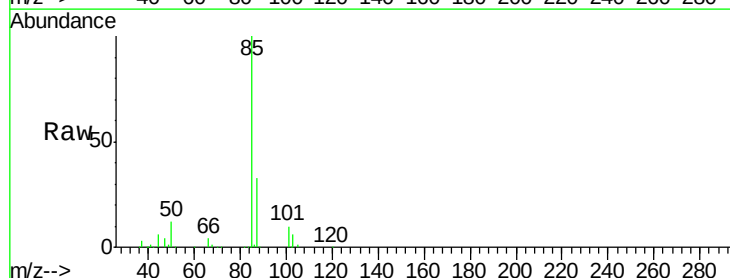
Acq: 21 Jun 2018 20:57

Tgt Ion: 85 Resp: 91678

Ion Ratio Lower Upper

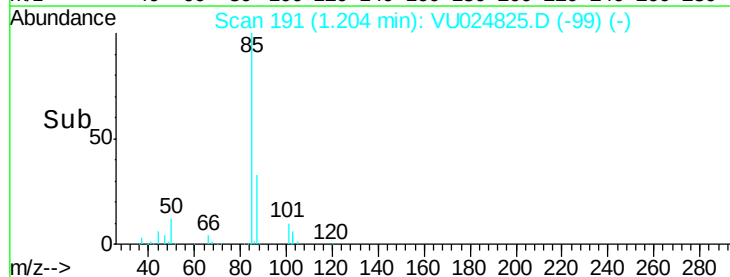
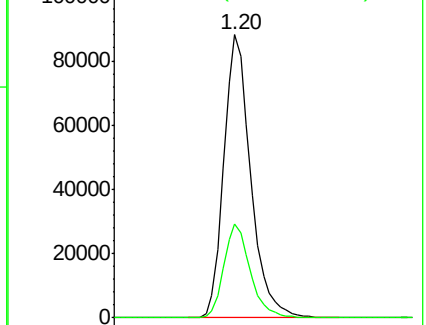
85 100

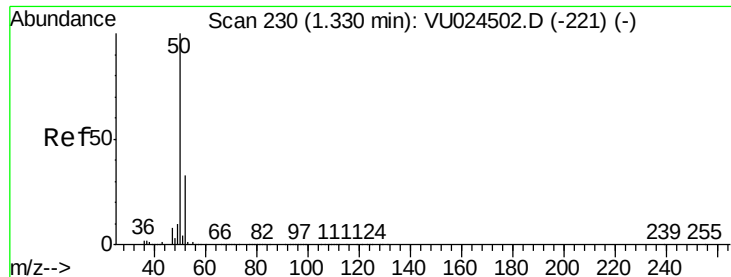
87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 49.72 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampled :

S39-0183MSD

Tot Ion: 50 Resp: 103043

Ion Ratio Lower Upper

50 100

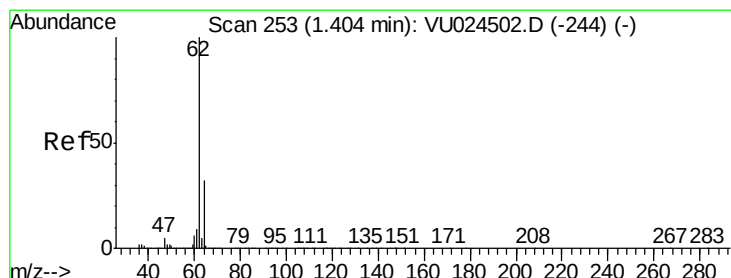
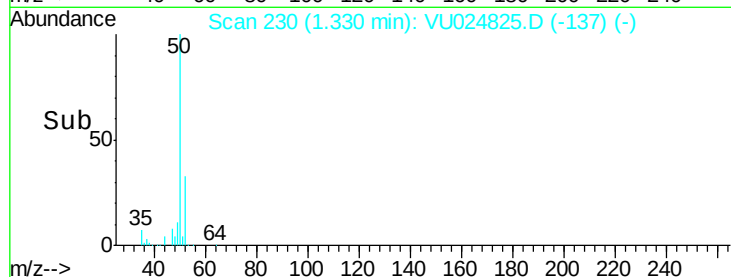
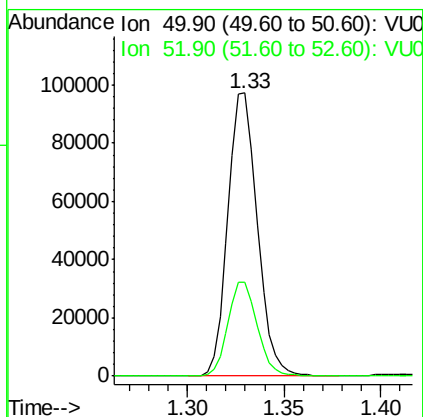
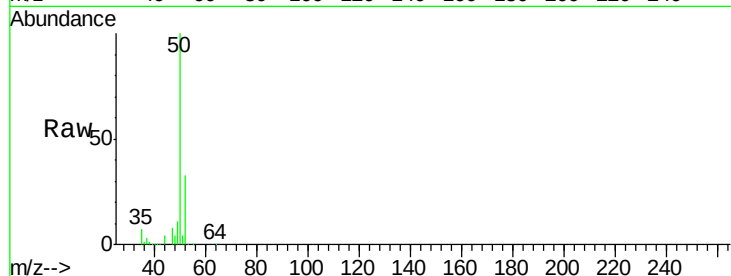
52 33.1 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.49 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024825.D

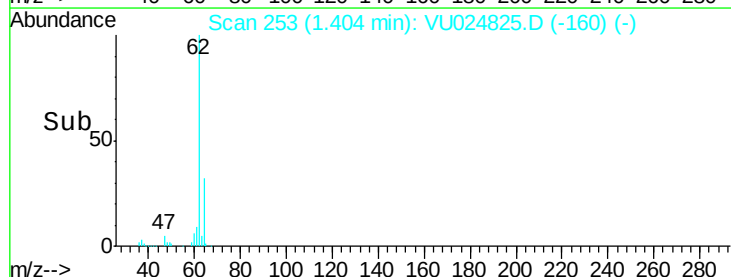
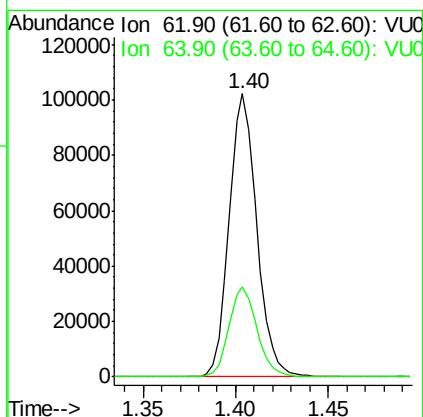
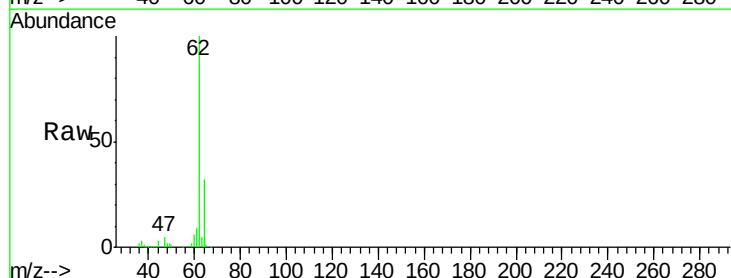
Acq: 21 Jun 2018 20:57

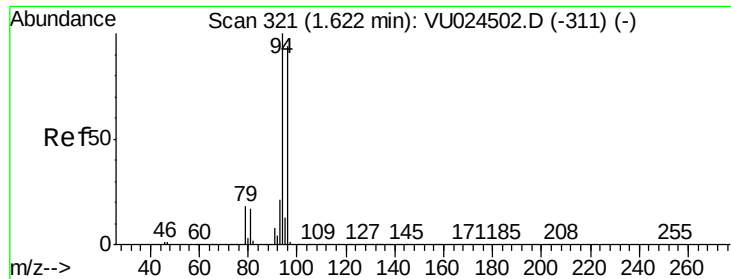
Tgt Ion: 62 Resp: 105773

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 58.89 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampled :

S39-0183MSD

Tot Ion: 94 Resp: 60847

Ion Ratio Lower Upper

94 100

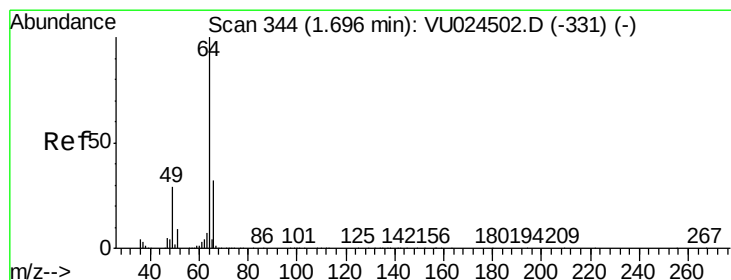
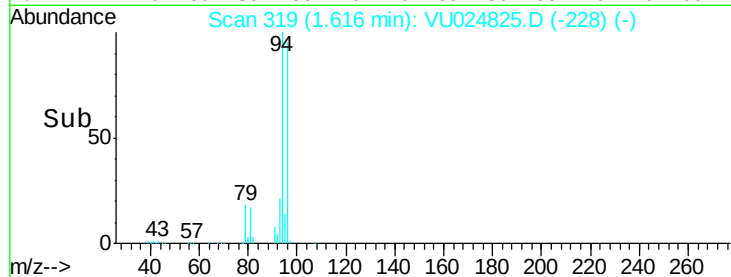
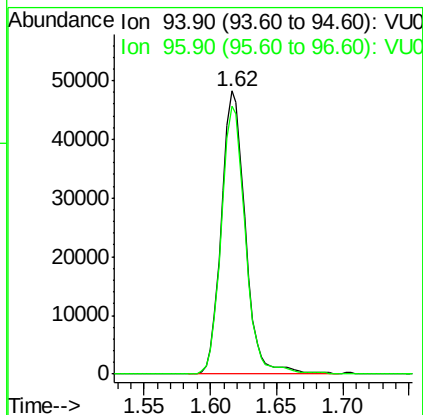
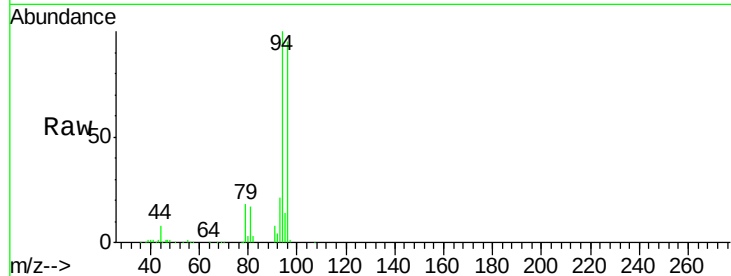
96 94.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 58.37 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024825.D

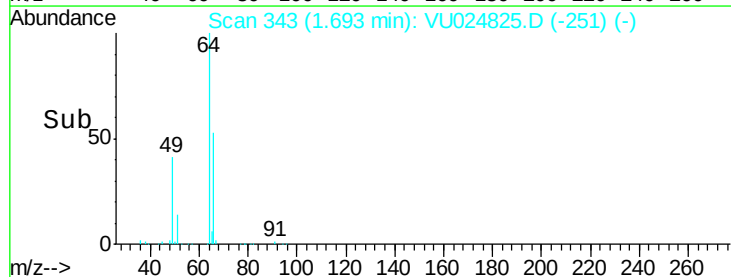
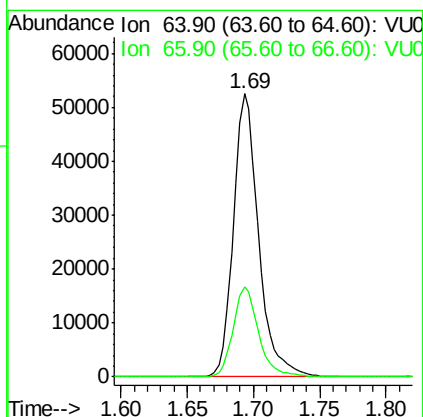
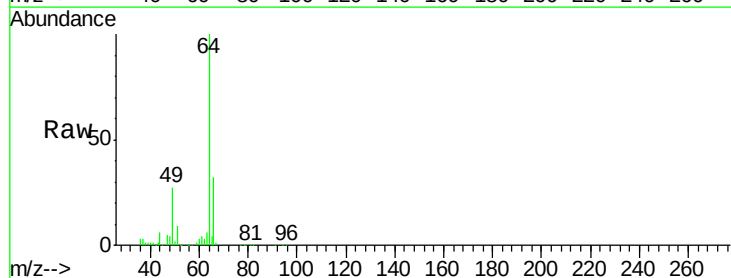
Acq: 21 Jun 2018 20:57

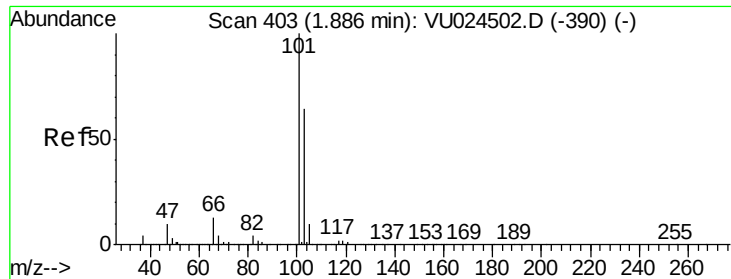
Tgt Ion: 64 Resp: 69506

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3





#7

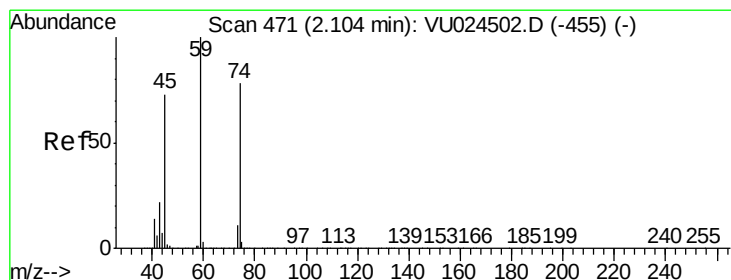
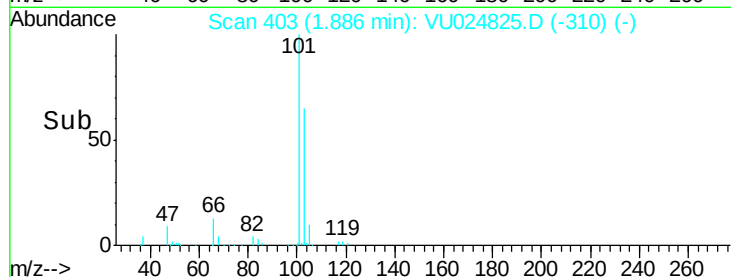
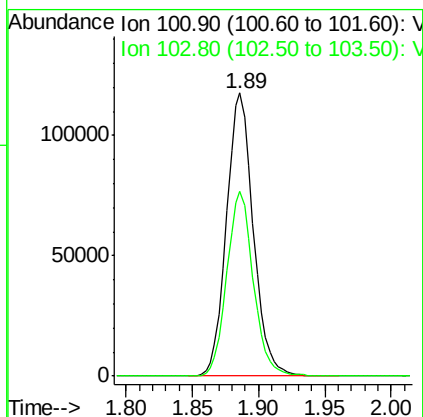
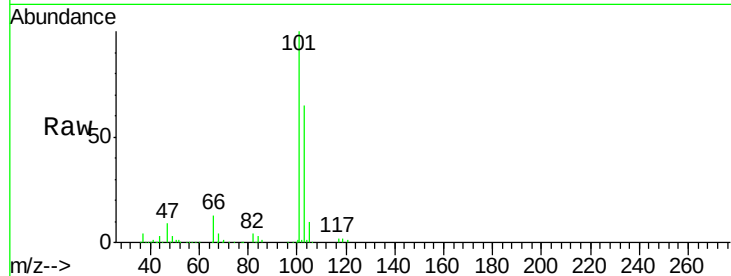
Trichlorofluoromethane
Concen: 50.74 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

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ClientSampled :
S39-0183MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.3	78.5

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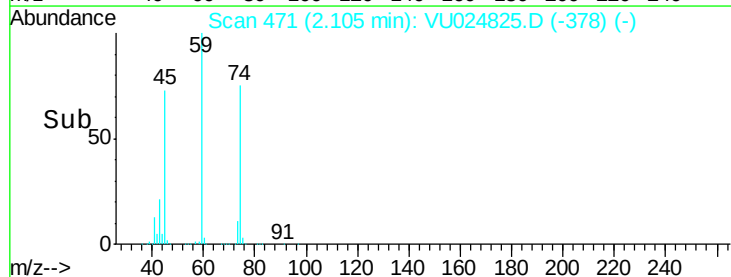
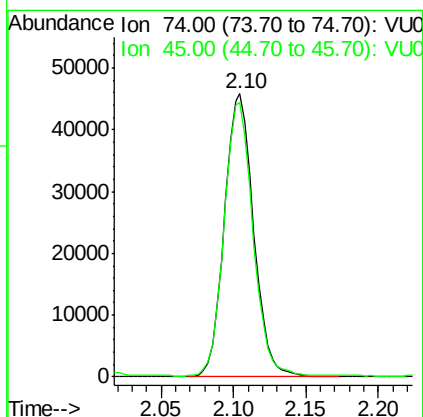
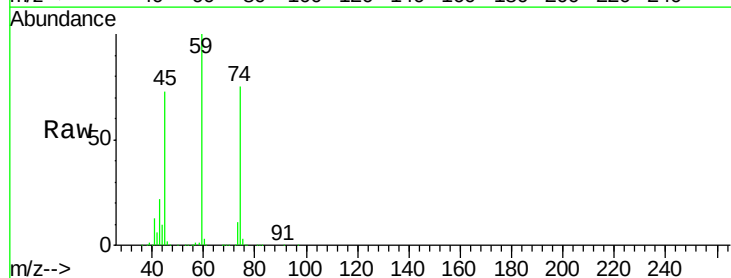
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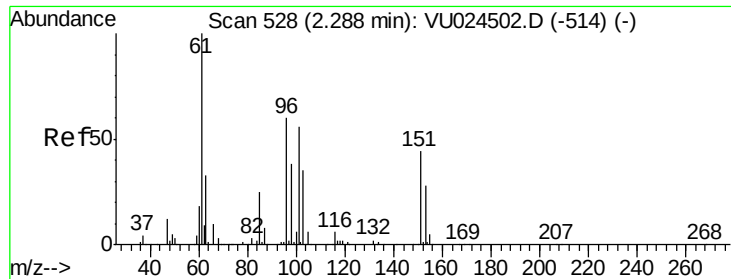


#8

Diethyl Ether
Concen: 57.85 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.64 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

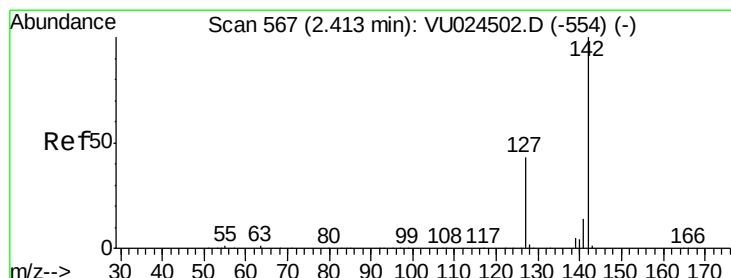
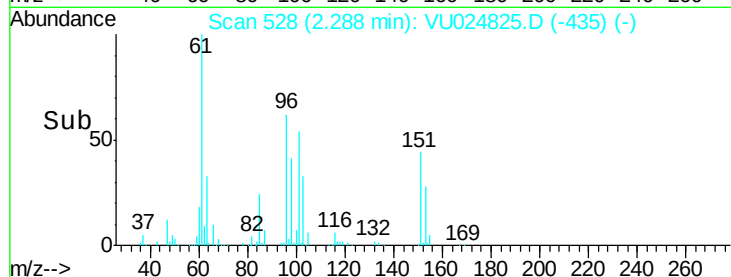
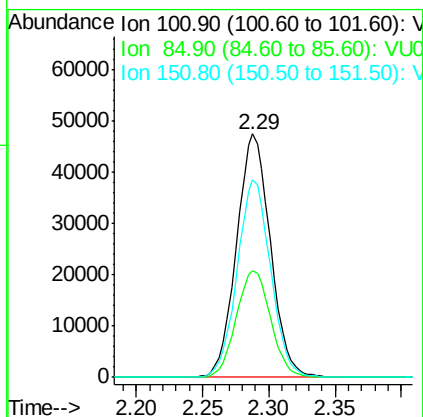
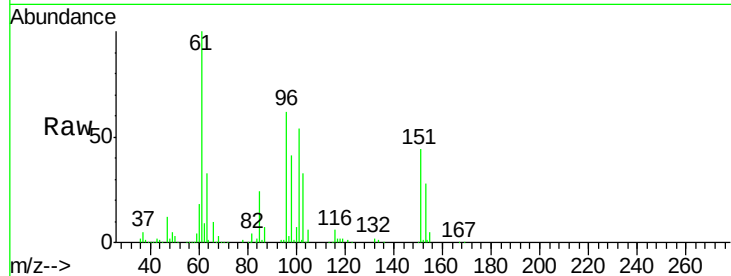
ClientSampleId :

S39-0183MSD

Tot Ion:	101	Resp:	84261
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.0	54.0
151	80.2	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 53.25 ug/l

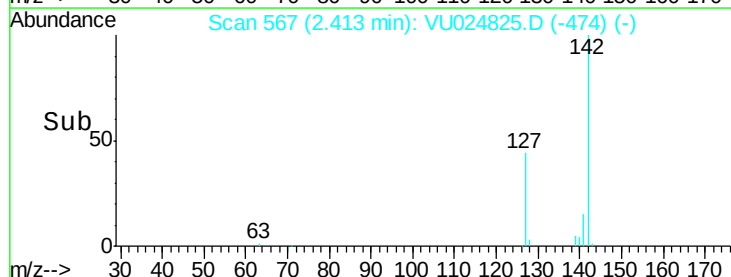
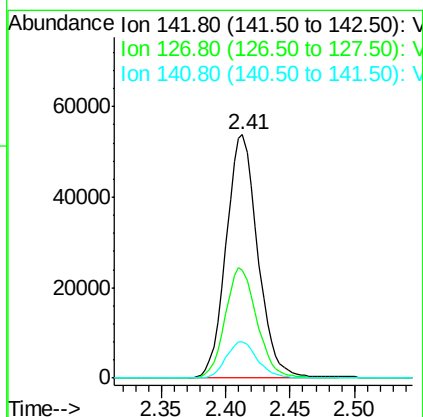
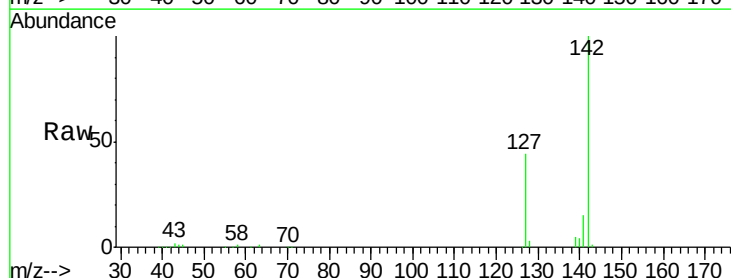
RT: 2.41 min Scan# 567

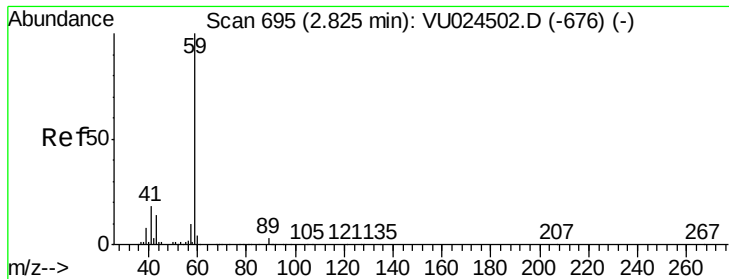
Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Tgt Ion:	142	Resp:	91854
Ion Ratio	Lower	Upper	
142	100		
127	45.4	35.6	53.4
141	14.9	11.7	17.5





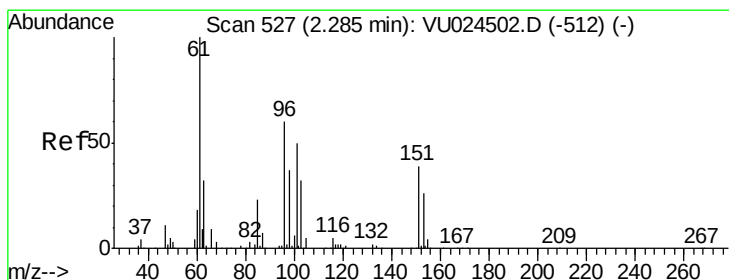
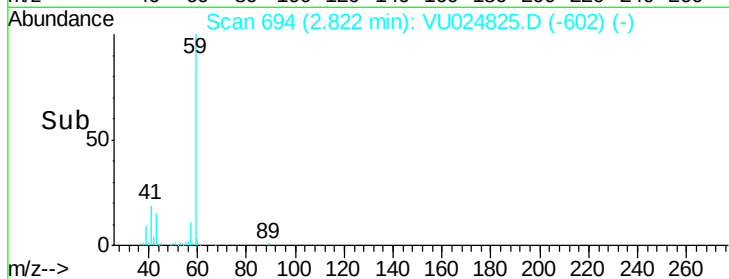
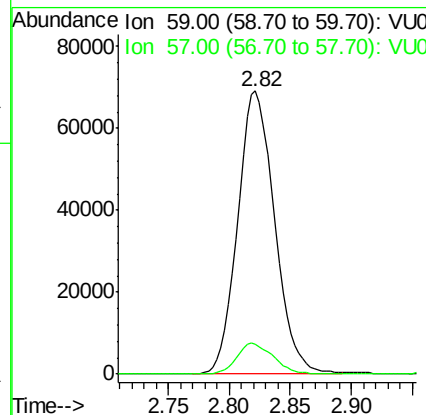
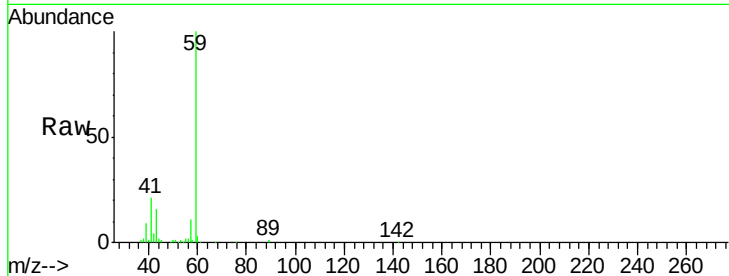
#11
Tert butyl alcohol
Concen: 225.83 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

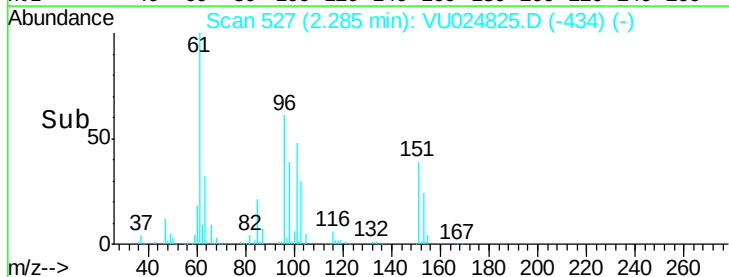
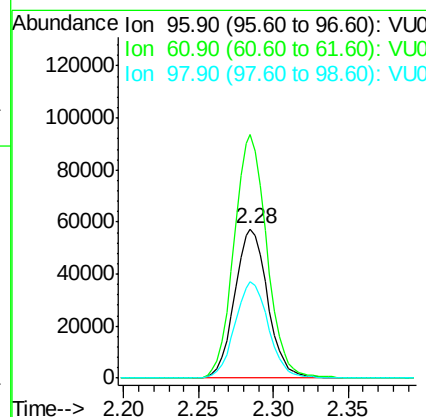
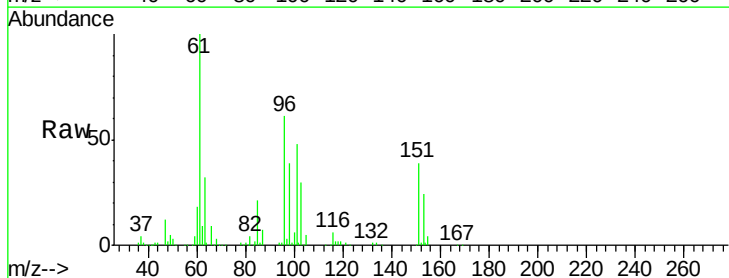
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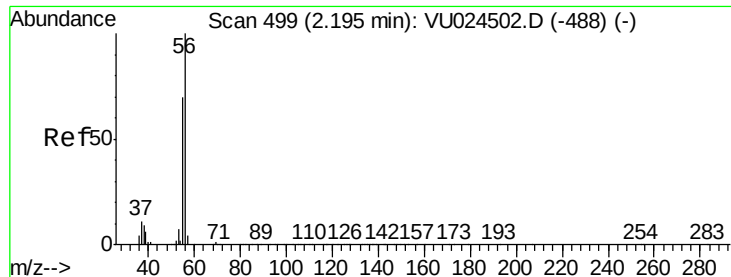
apatel
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#12
1,1-Dichloroethene
Concen: 47.71 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.0	141.7	212.5
98	64.2	51.6	77.4





#13

Acrolein

Concen: 204.45 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

Tot Ion: 56 Resp: 69084

Ion Ratio Lower Upper

56 100

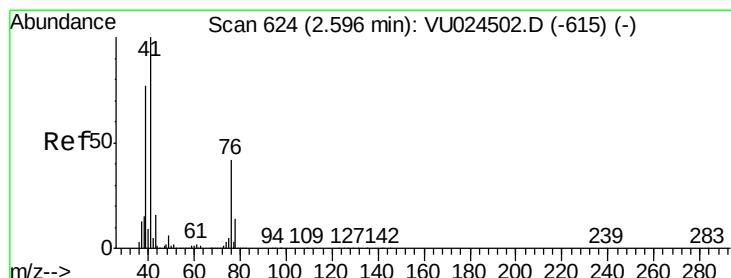
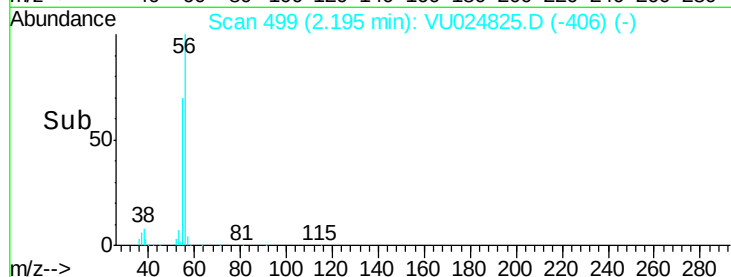
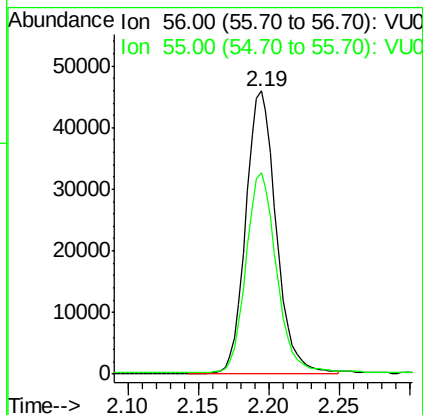
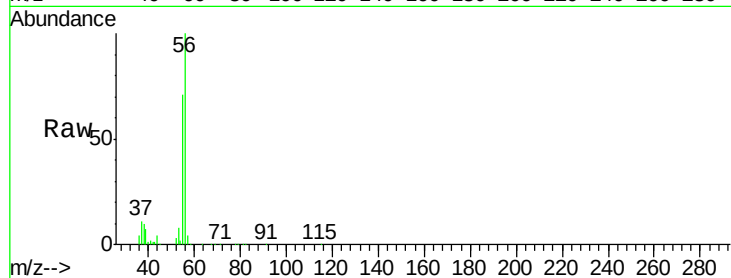
55 70.1 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 41.69 ug/l m

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

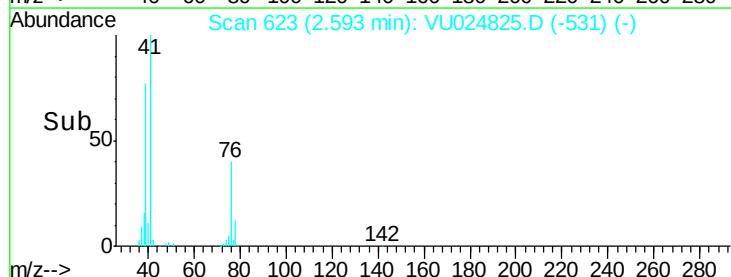
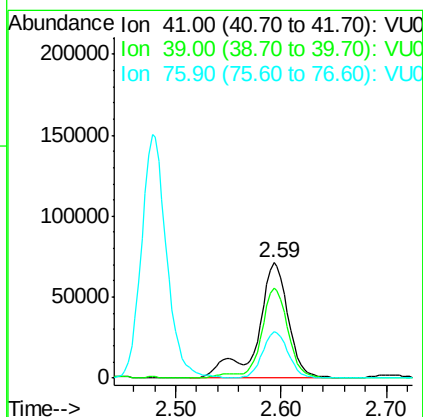
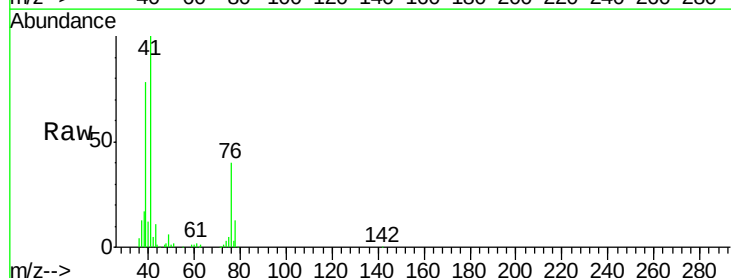
Tgt Ion: 41 Resp: 142860

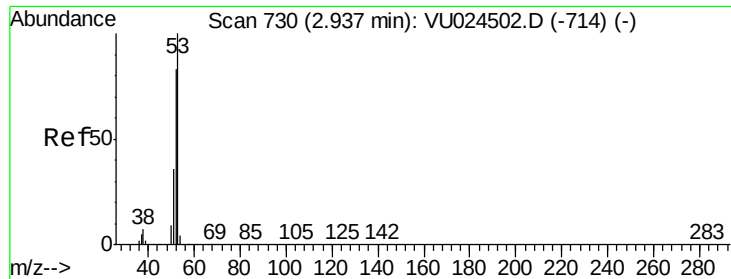
Ion Ratio Lower Upper

41 100

39 65.8 61.6 92.4

76 33.9 29.7 44.5





#15

Acrylonitrile

Concen: 256.24 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

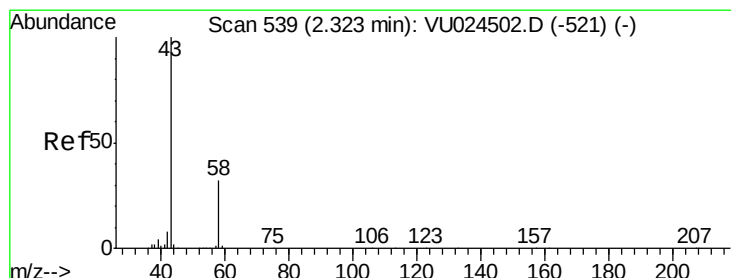
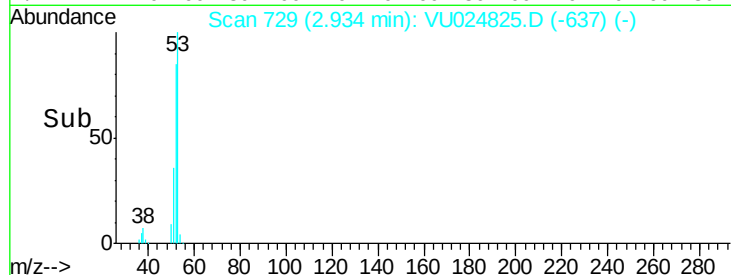
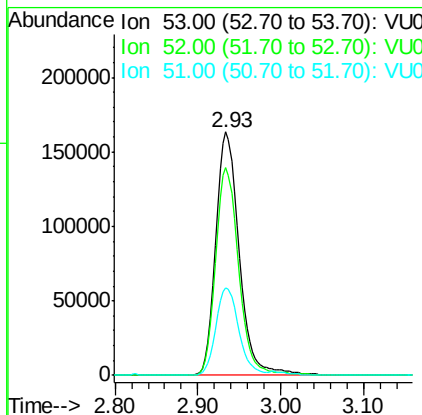
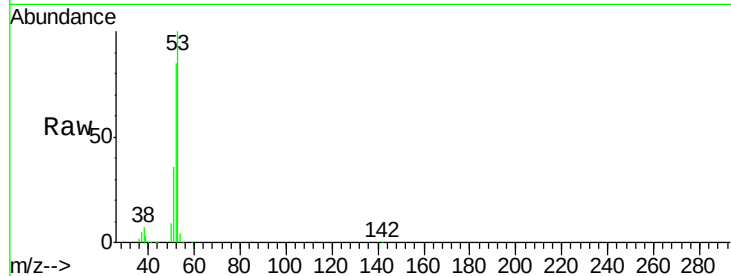
ClientSampleId :

S39-0183MSD

Tot Ion:	53	Resp:	320808
Ion	Ratio	Lower	Upper
53	100		
52	84.2	67.1	100.7
51	35.2	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 213.87 ug/l

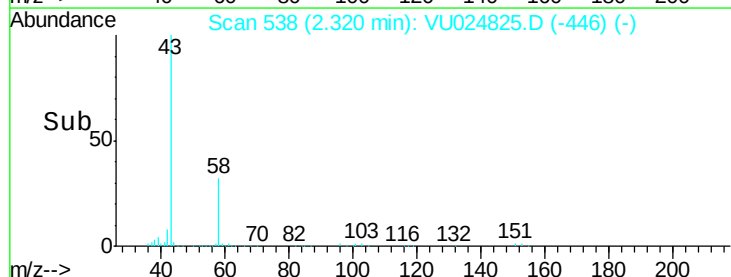
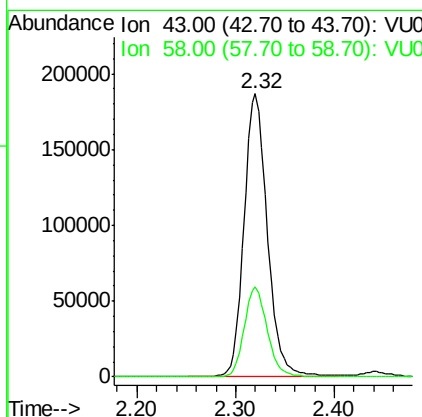
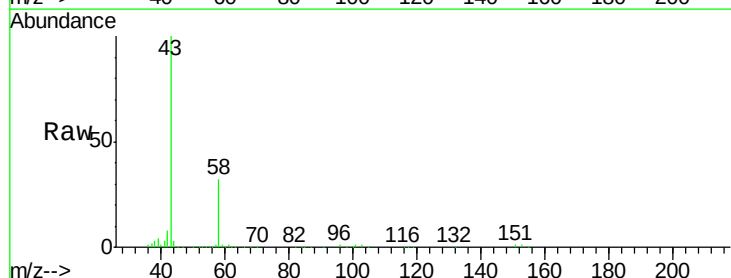
RT: 2.32 min Scan# 538

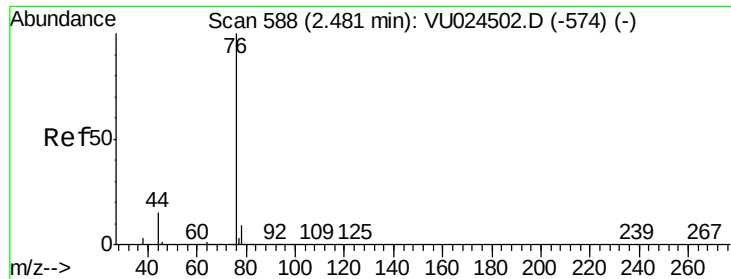
Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Tgt Ion:	43	Resp:	304039
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.4	36.6





#17

Carbon Disulfide

Concen: 42.36 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

Tot Ion: 76 Resp: 250294

Ion Ratio Lower Upper

76 100

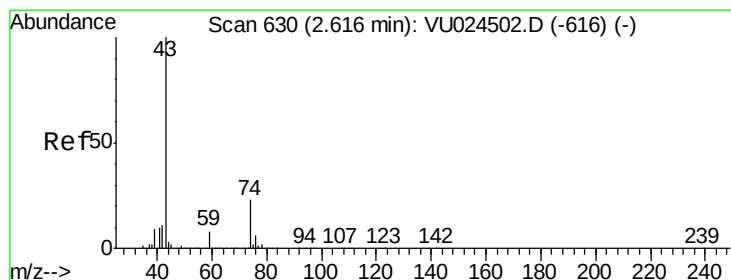
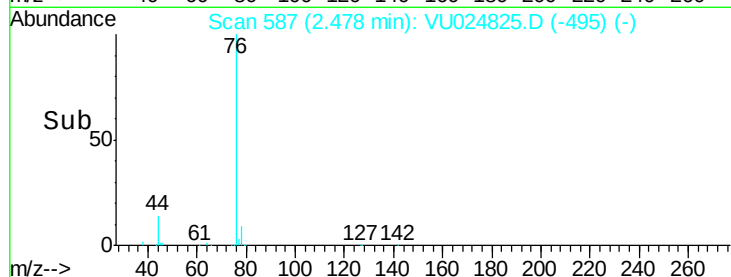
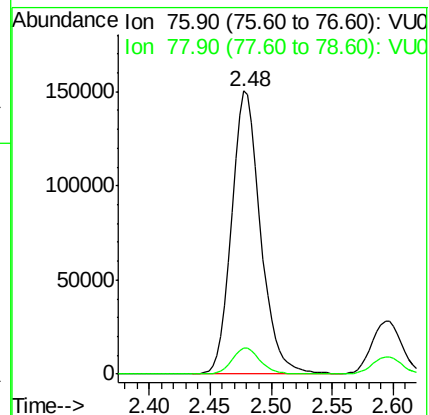
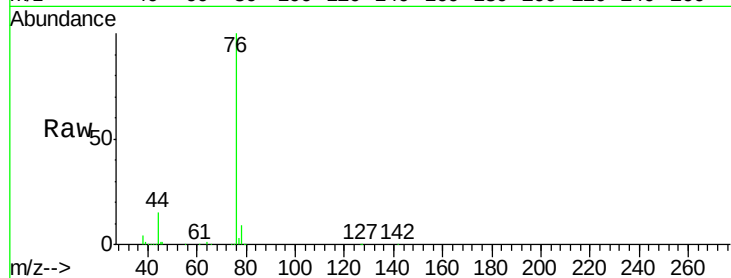
78 9.2 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 32.62 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024825.D

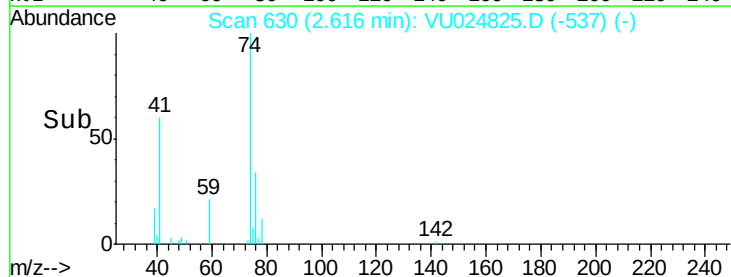
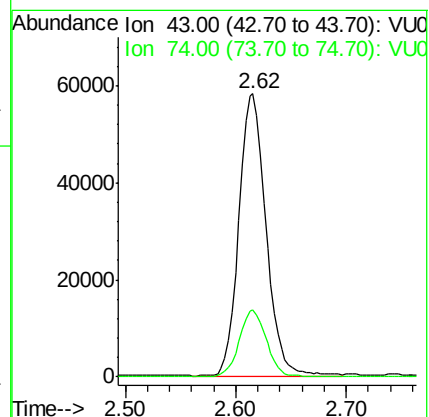
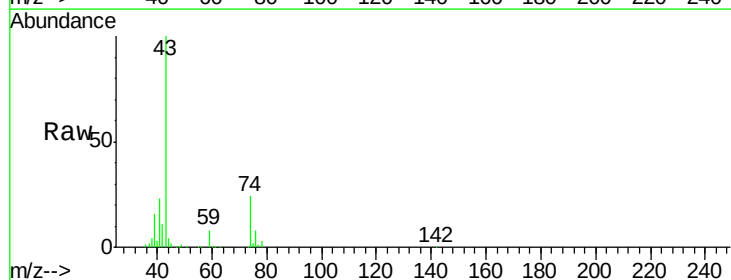
Acq: 21 Jun 2018 20:57

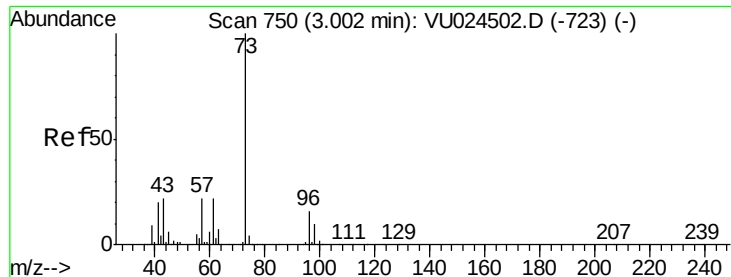
Tgt Ion: 43 Resp: 99419

Ion Ratio Lower Upper

43 100

74 23.8 18.0 27.0





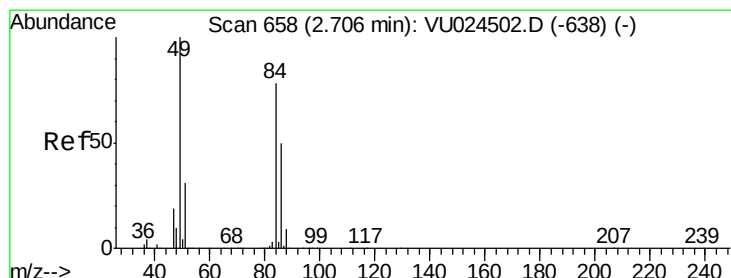
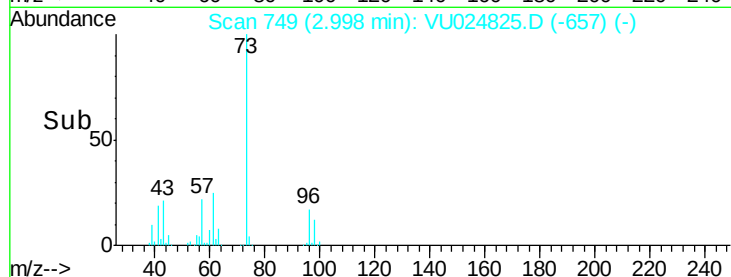
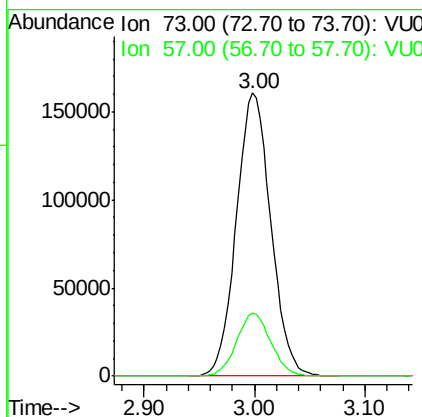
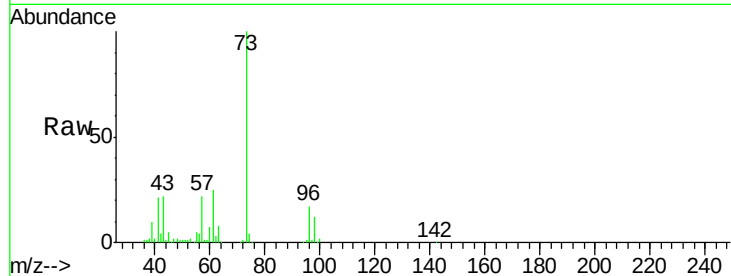
#19
Methyl tert-butyl Ether
Concen: 50.09 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.8	28.2

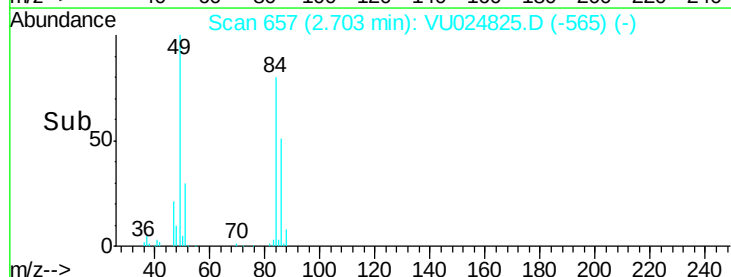
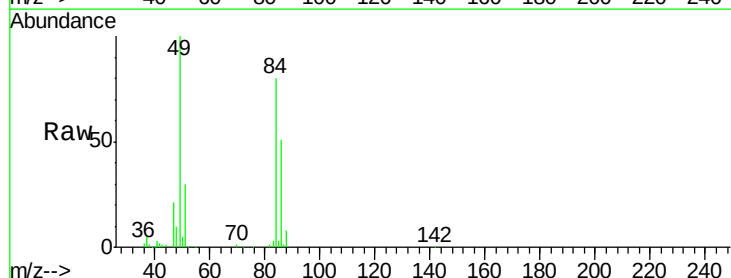
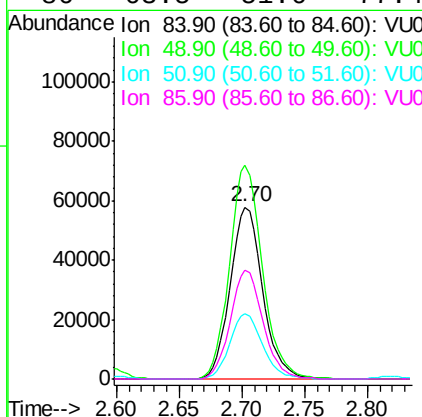
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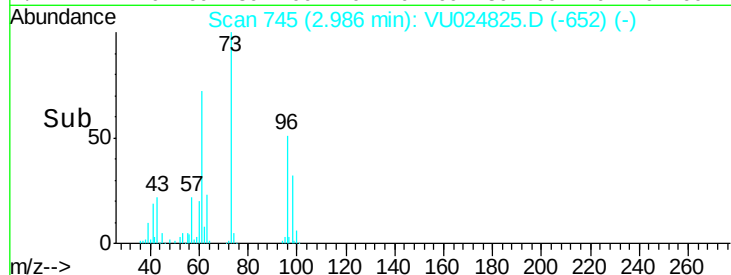
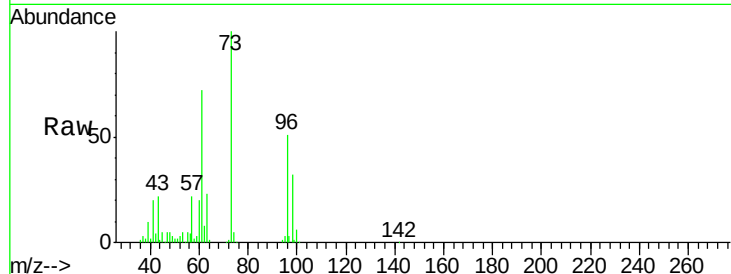
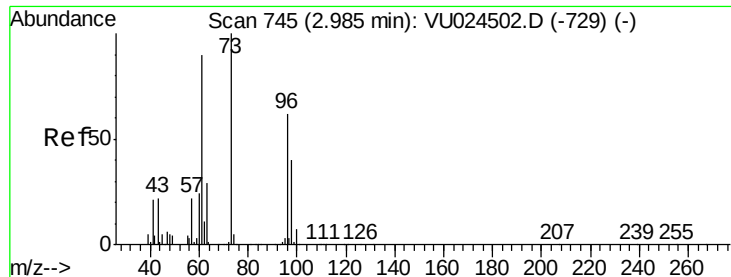
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#20
Methylene Chloride
Concen: 46.68 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	103.8	155.8
51	37.7	32.0	48.0
86	63.5	51.6	77.4





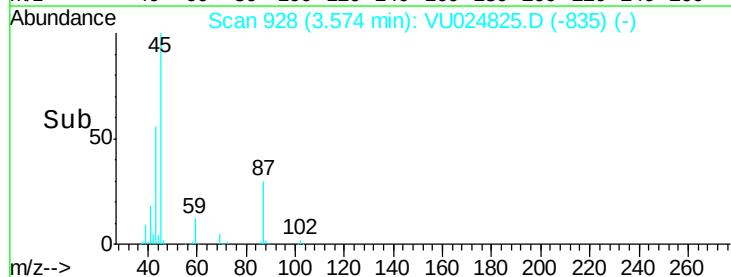
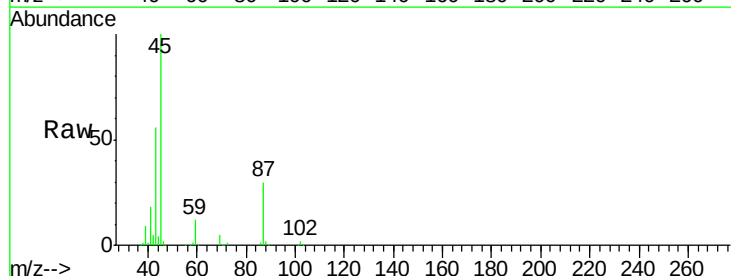
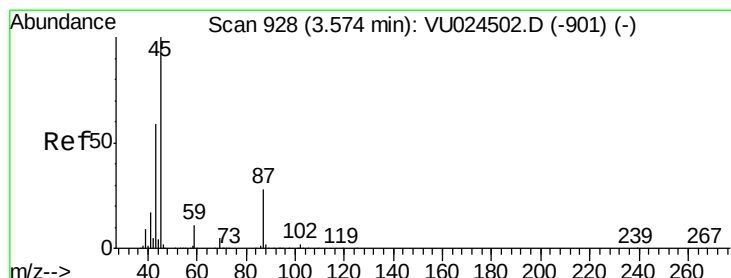
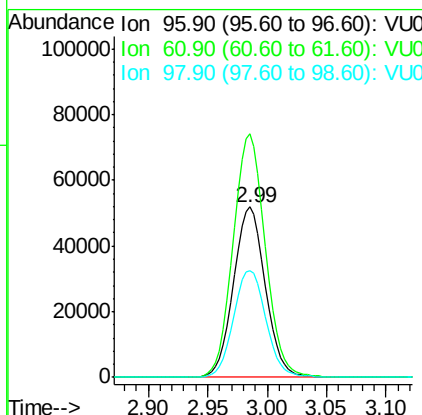
#21
trans-1,2-Dichloroethene
Concen: 47.51 ug/l
RT: 2.99 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	119.4	179.0
98	62.6	51.1	76.7

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

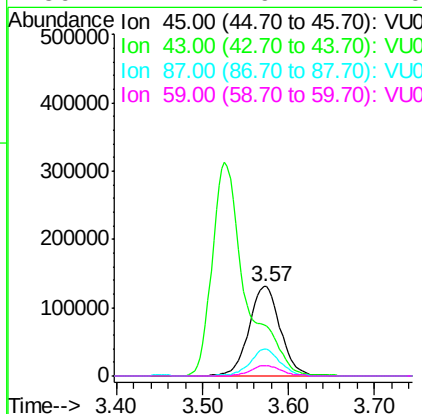
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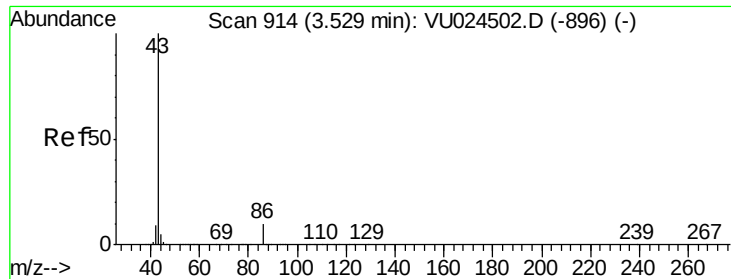
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#22
Diisopropyl ether
Concen: 49.32 ug/l
RT: 3.57 min Scan# 928
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.3	45.8	68.6
87	29.7	20.6	31.0
59	12.1	9.4	14.0





#23

Vinyl Acetate

Concen: 139.34 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

Tot Ion: 43 Resp: 847828

Ion Ratio Lower Upper

43 100

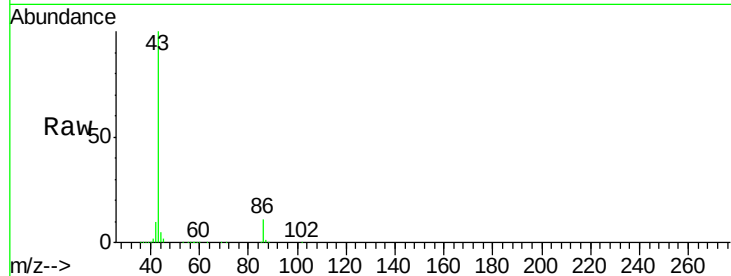
86 10.6 7.8 11.8

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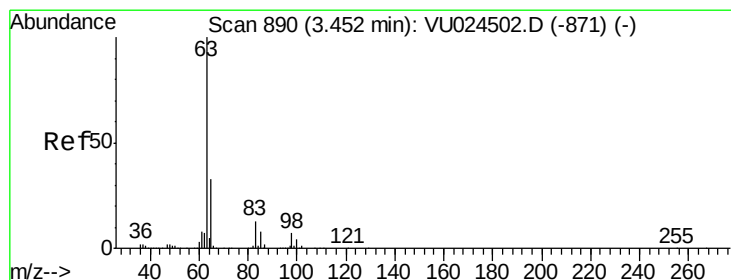
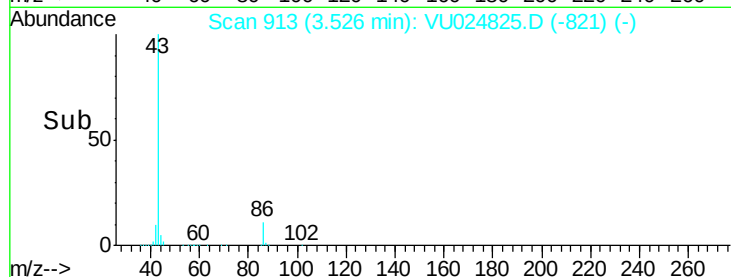
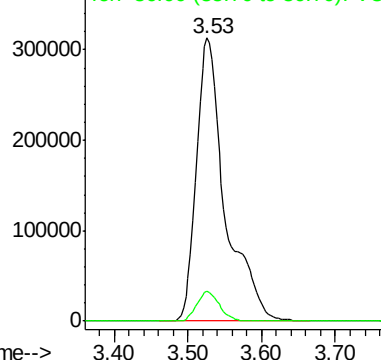
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 49.76 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

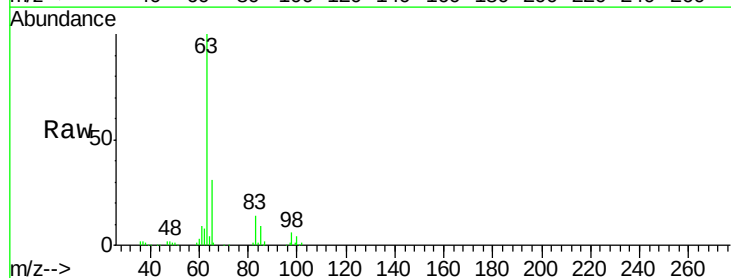
Tgt Ion: 63 Resp: 194429

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

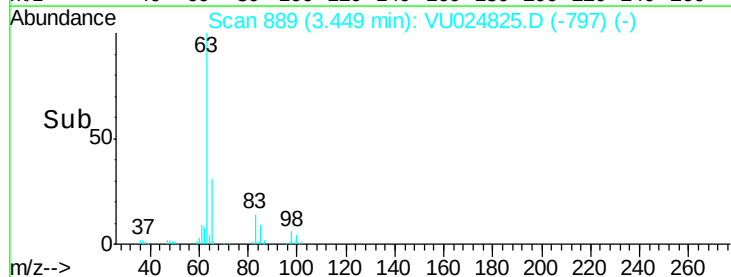
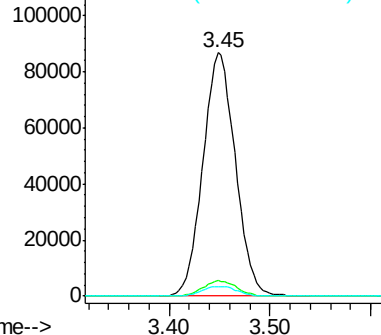
100 4.0 1.8 5.5

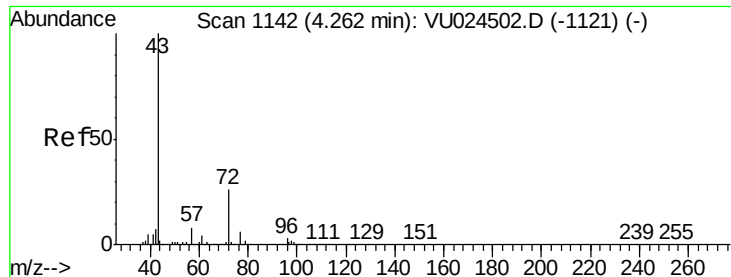


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





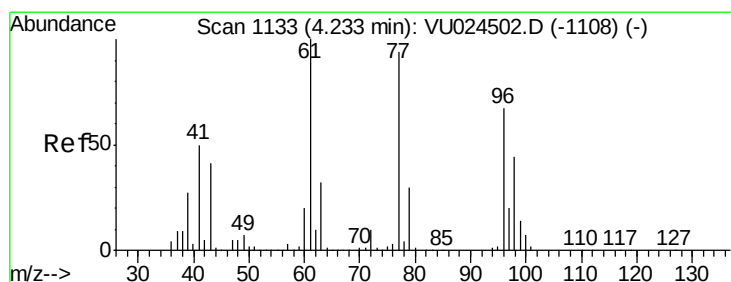
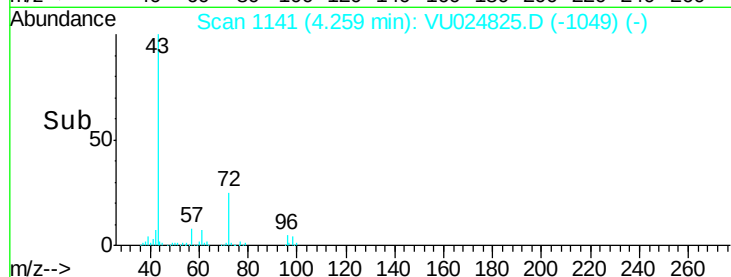
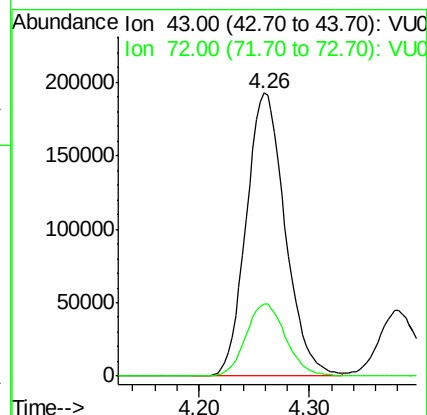
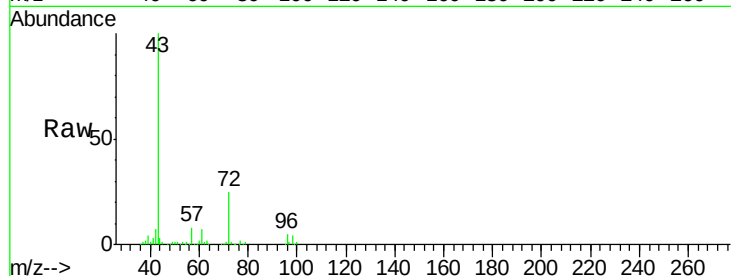
#25
2-Butanone
Concen: 246.28 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion: 43 Resp: 470267
Ion Ratio Lower Upper
43 100
72 25.5 19.6 29.4

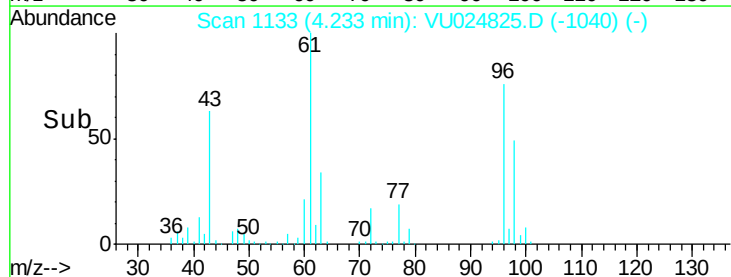
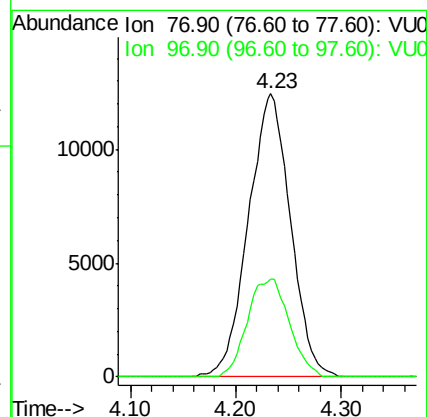
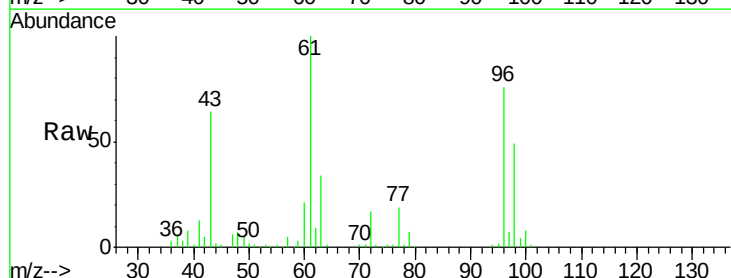
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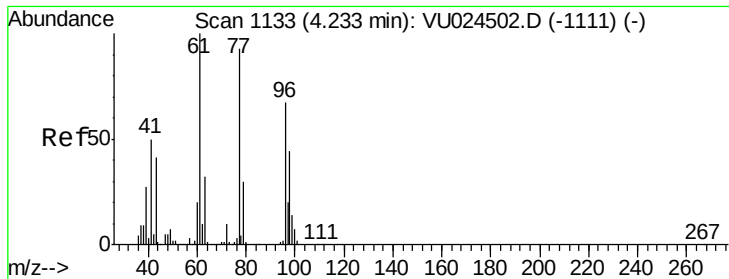
apatel
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#26
2,2-Dichloropropane
Concen: 9.30 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion: 77 Resp: 34496
Ion Ratio Lower Upper
77 100
97 34.5 11.3 33.8#





#27

cis-1,2-Dichloroethene

Concen: 52.23 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

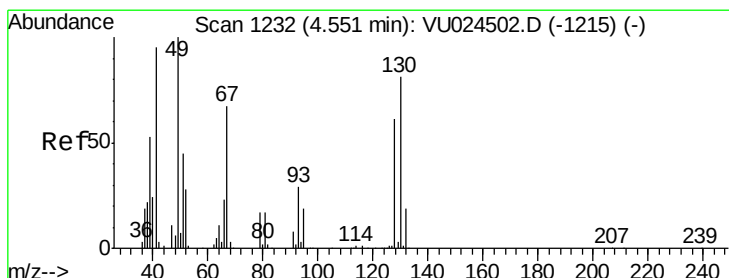
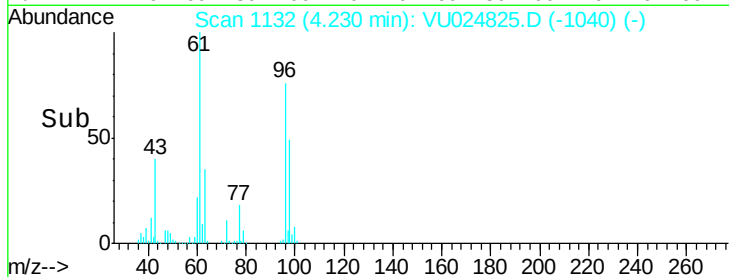
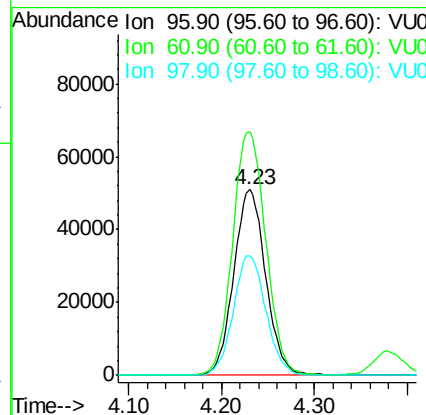
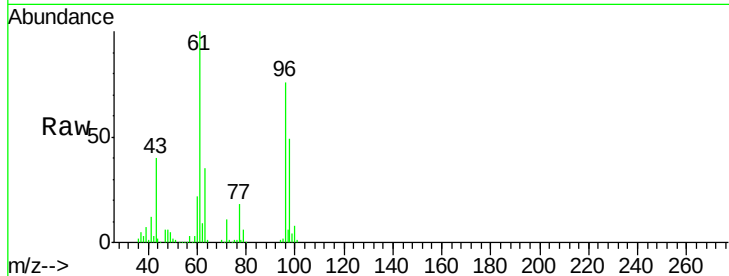
ClientSampleId :

S39-0183MSD

Tot Ion:	96	Resp:	122049
Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	306.6
98	65.4	0.0	128.8

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#28

Bromochloromethane

Concen: 50.77 ug/l

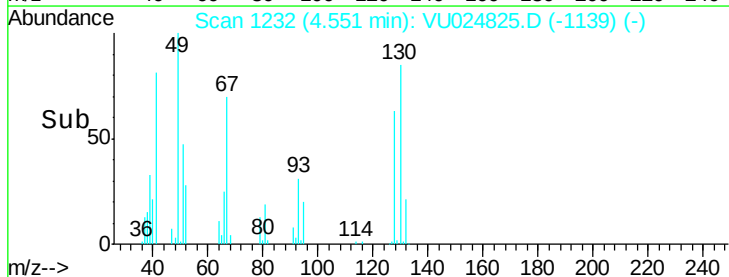
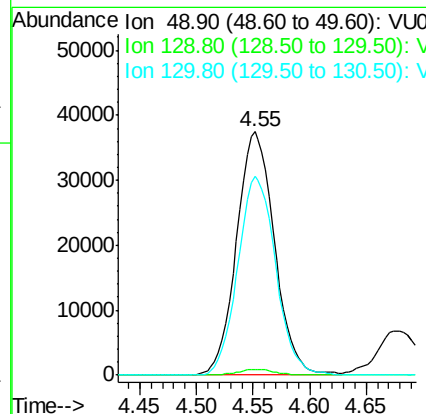
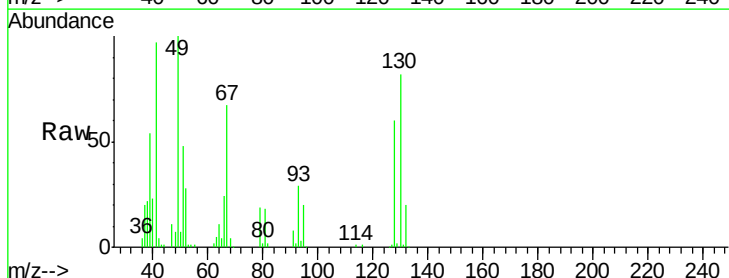
RT: 4.55 min Scan# 1232

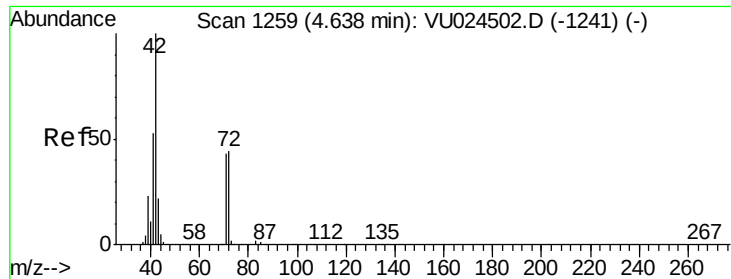
Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Tgt Ion:	49	Resp:	87383
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	81.8	57.8	86.6





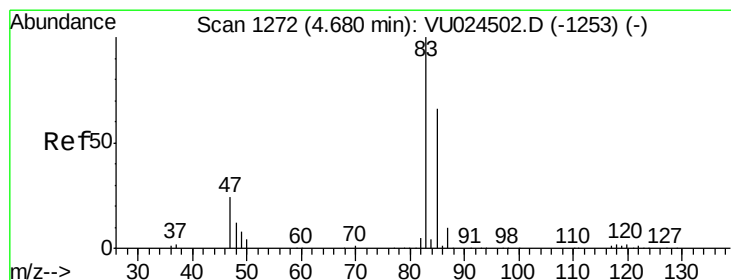
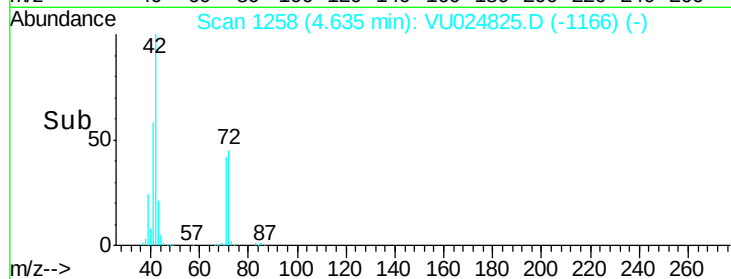
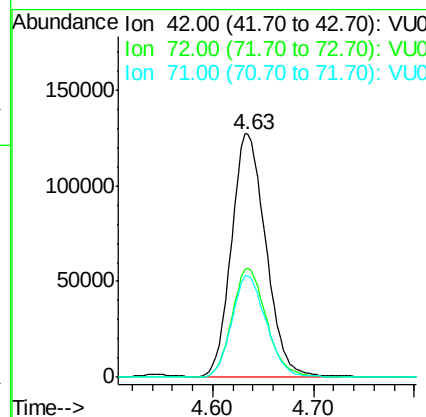
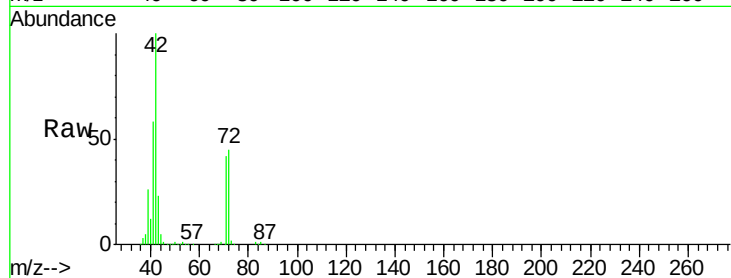
#29
Tetrahydrofuran
Concen: 254.35 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.5	51.7
71	42.1	32.2	48.4

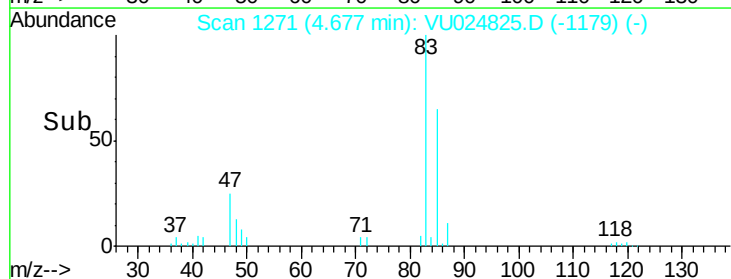
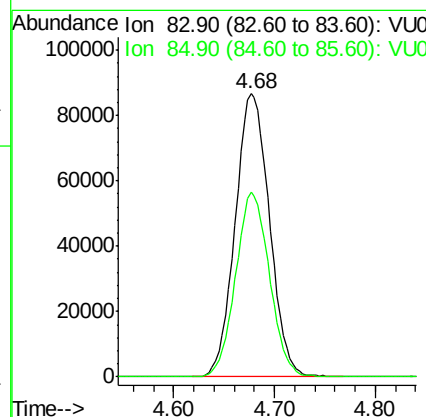
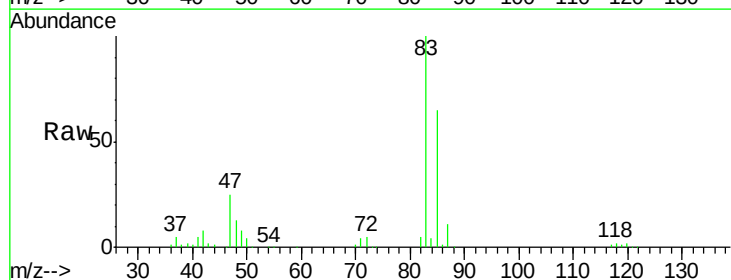
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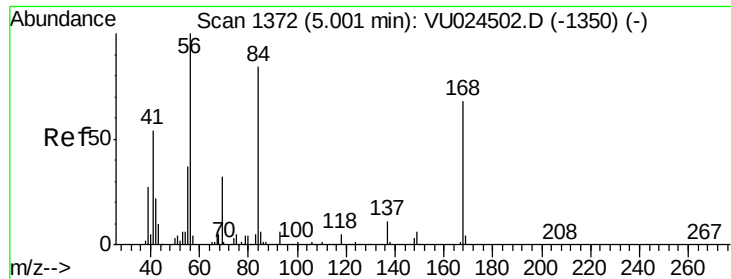
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#30
Chloroform
Concen: 51.70 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.4	78.6





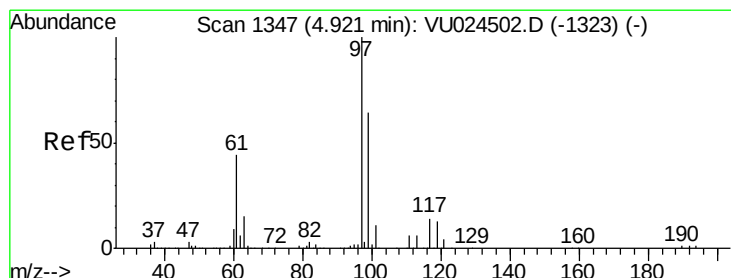
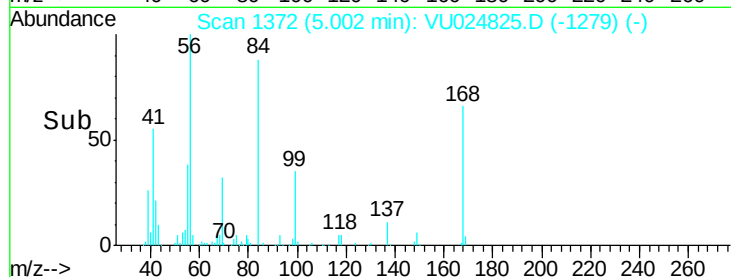
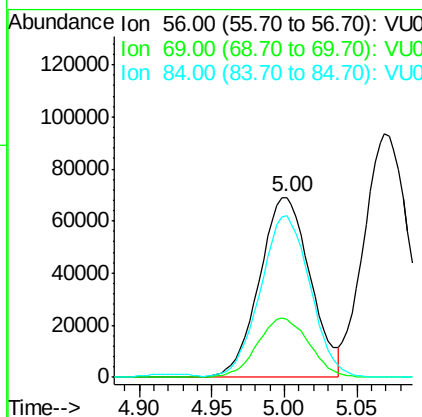
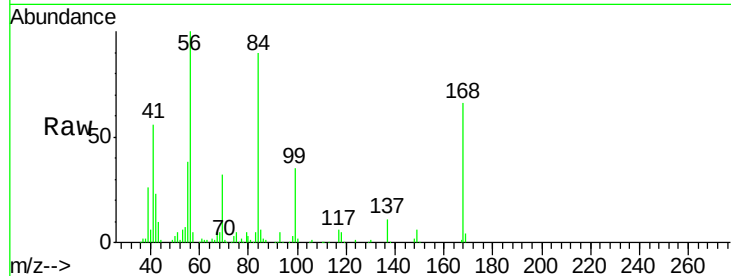
#31
Cyclohexane
Concen: 48.60 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.8	37.2
84	88.1	65.2	97.8

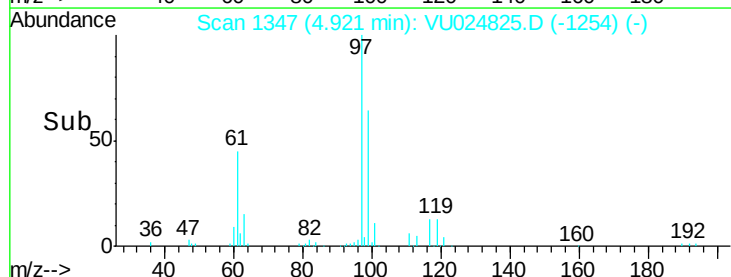
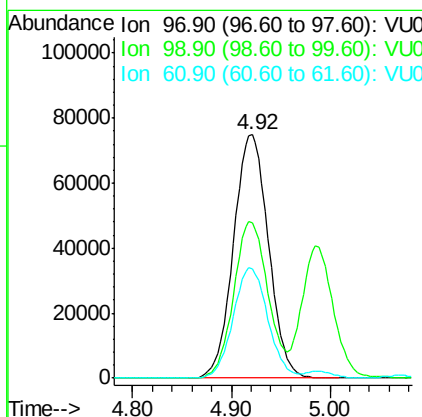
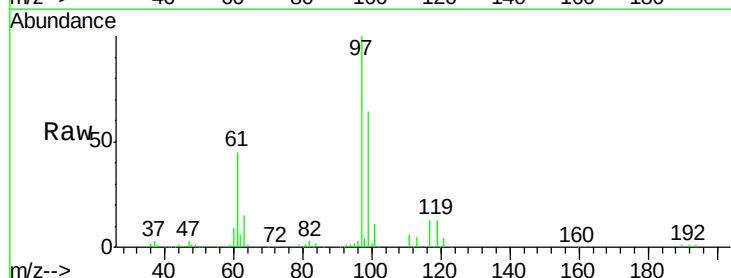
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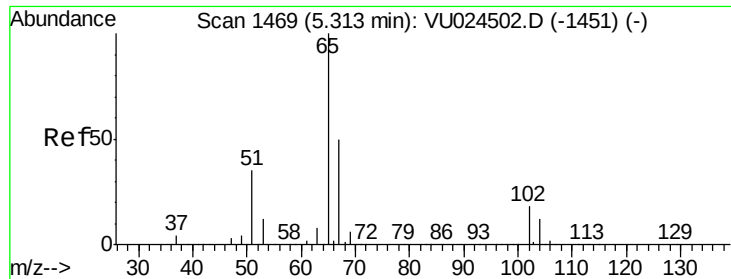
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#32
1,1,1-Trichloroethane
Concen: 50.37 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.6
61	44.8	39.4	59.0





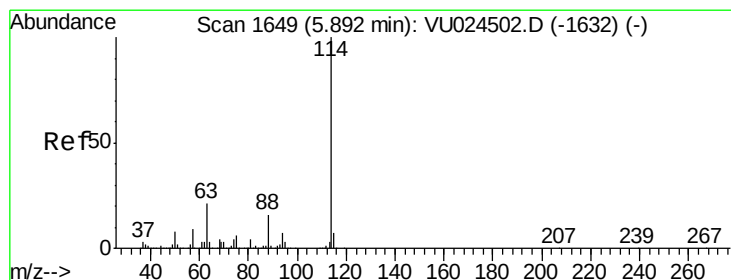
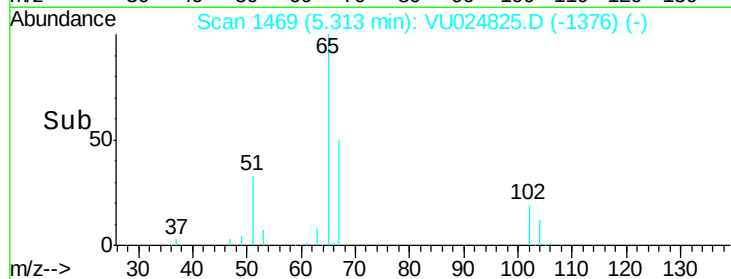
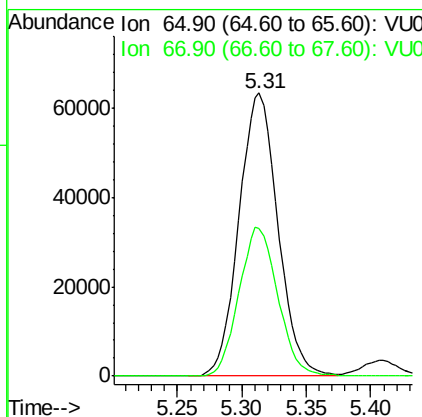
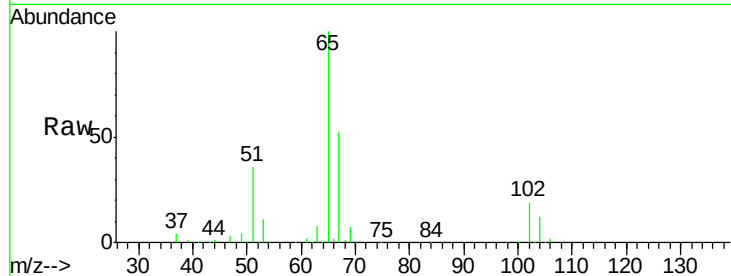
#33
 1,2-Dichloroethane-d4
 Concen: 50.39 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	133321		
67	52.4	0.0	107.0	

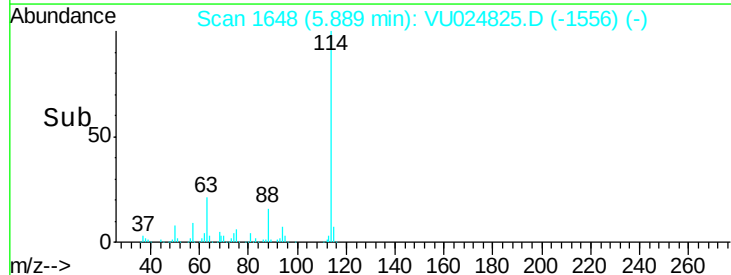
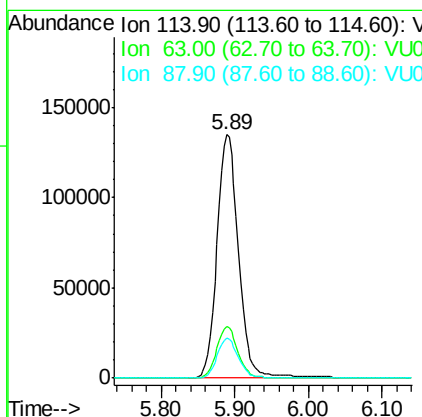
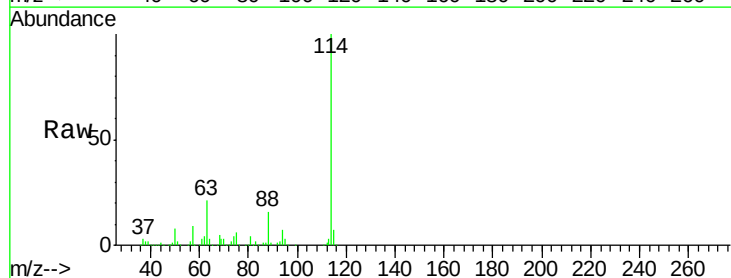
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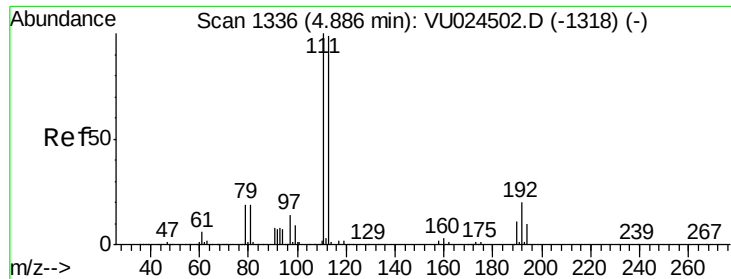
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	273454		
63	21.0	0.0	45.4	
88	16.3	0.0	31.0	





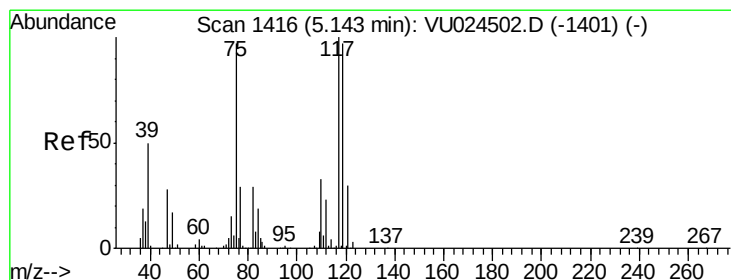
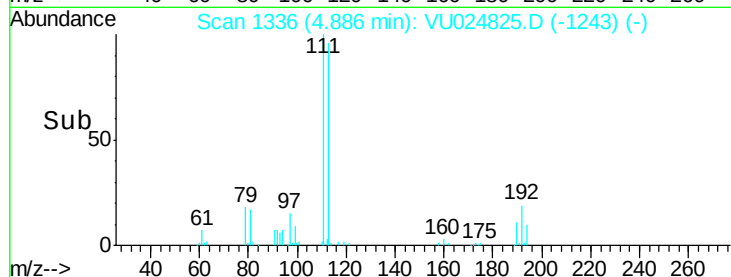
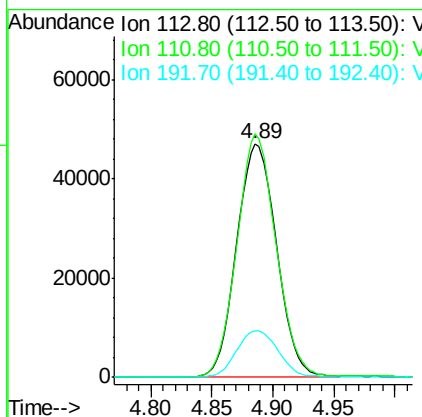
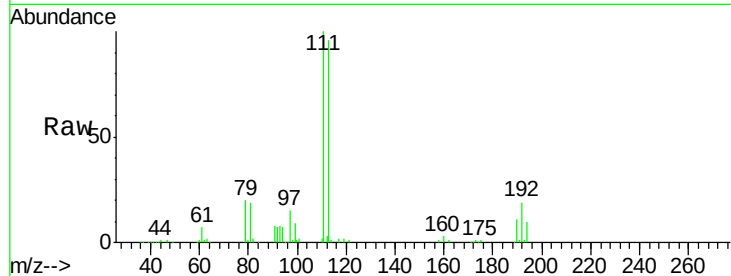
#35
 Dibromofluoromethane
 Concen: 47.13 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106952		
111	101.8	82.2	123.4	
192	20.7	16.2	24.4	

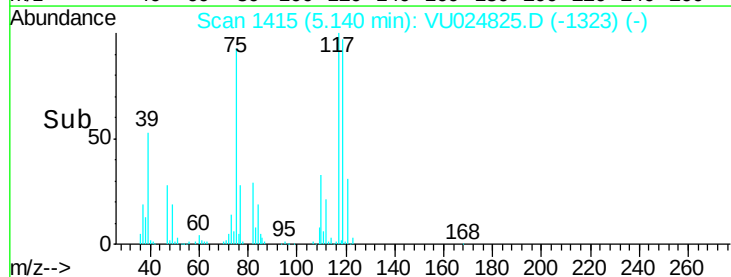
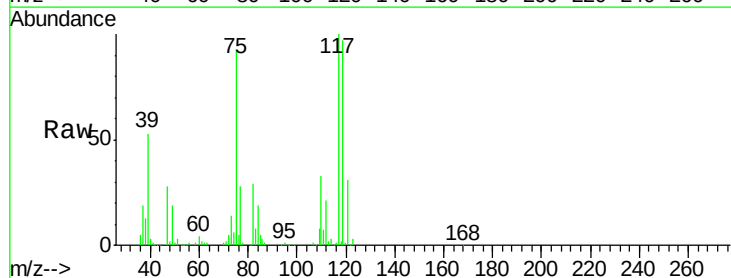
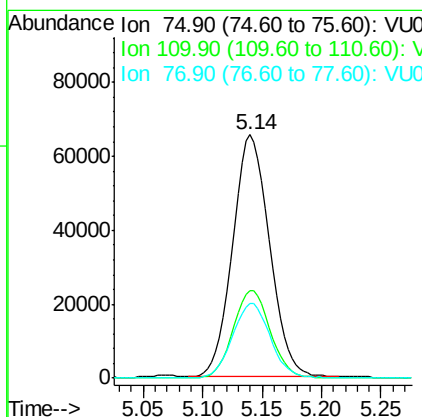
Manual Integrations
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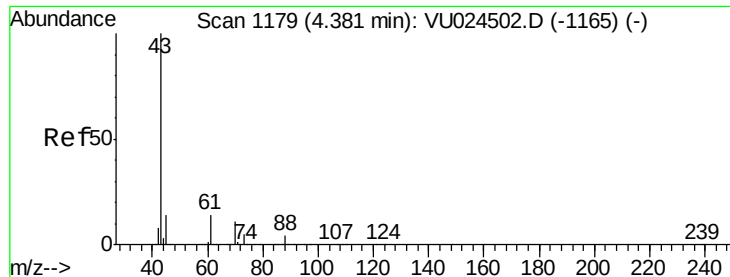
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#36
 1,1-Dichloropropene
 Concen: 43.88 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	140989		
110	36.3	17.0	50.9	
77	30.9	24.2	36.4	





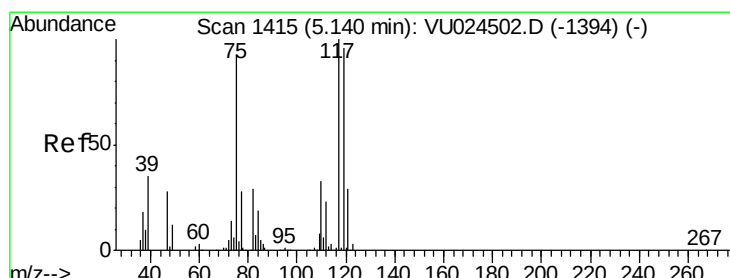
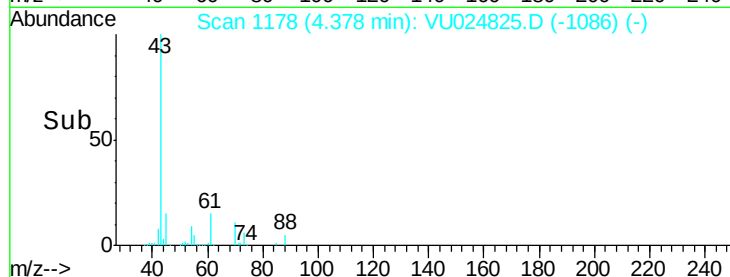
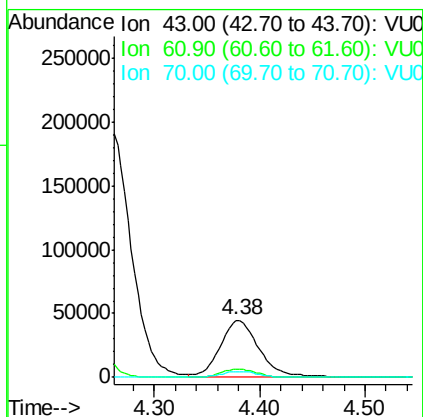
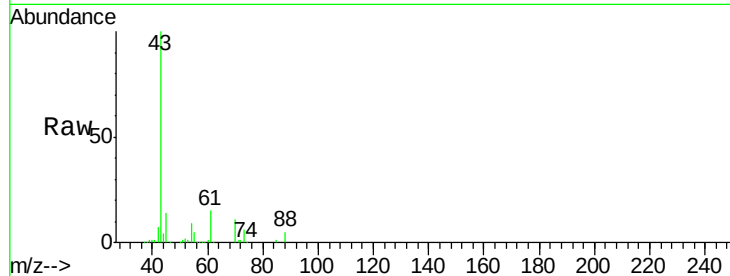
#37
Ethyl Acetate
Concen: 31.78 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion:	43	Resp:	111311
Ion Ratio	Lower	Upper	
43	100		
61	13.7	10.5	15.7
70	10.2	7.4	11.2

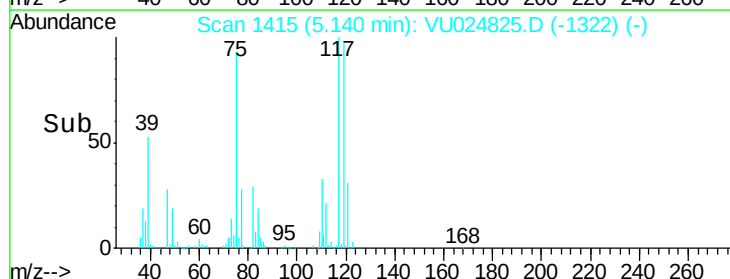
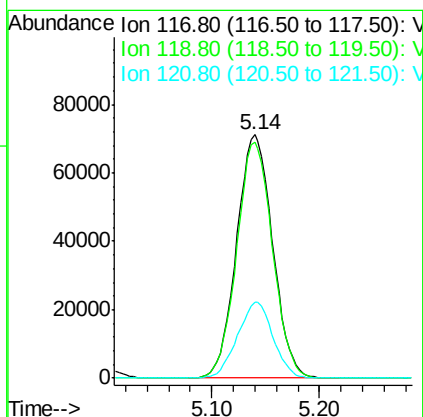
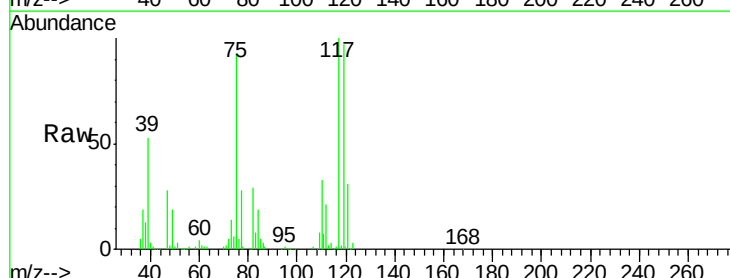
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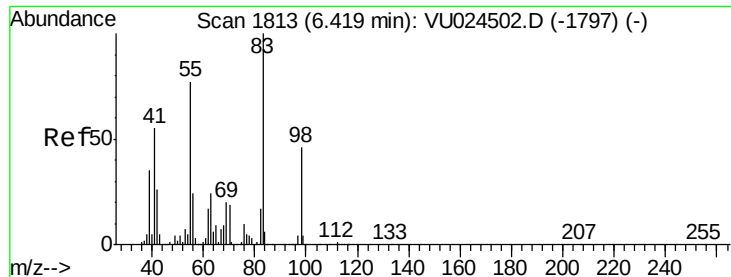
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#38
Carbon Tetrachloride
Concen: 46.75 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion:	117	Resp:	165181
Ion Ratio	Lower	Upper	
117	100		
119	96.8	76.1	114.1
121	31.1	23.7	35.5





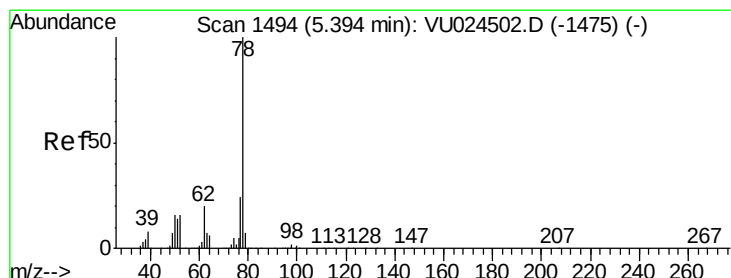
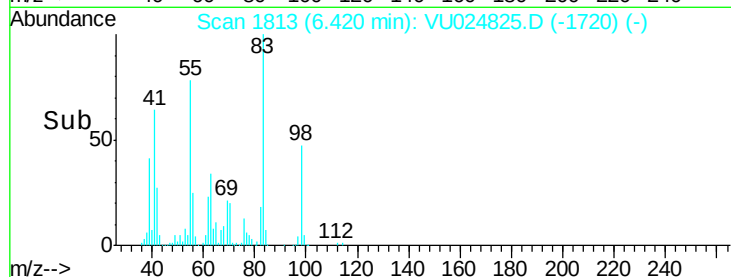
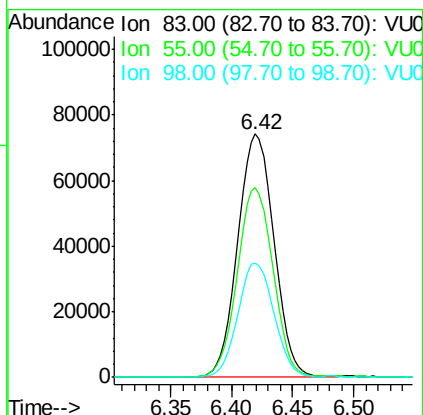
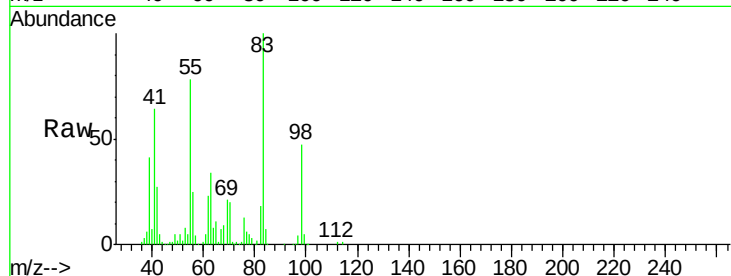
#39
Methylvlcyclohexane
Concen: 38.13 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	152895		
55	78.2		65.8	98.6
98	47.2		36.7	55.1

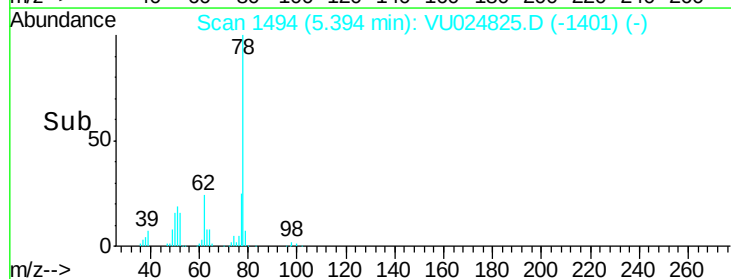
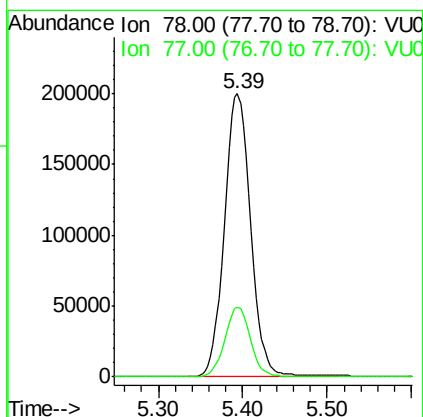
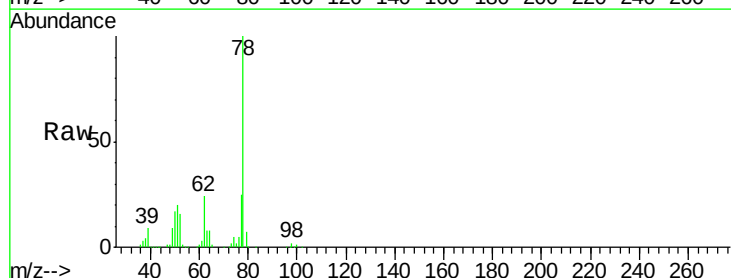
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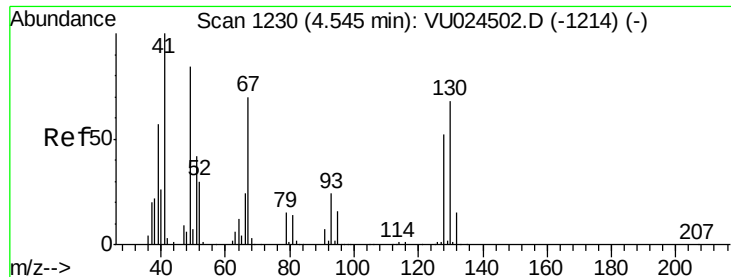
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#40
Benzene
Concen: 47.42 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	434225		
77	24.7		19.2	28.8





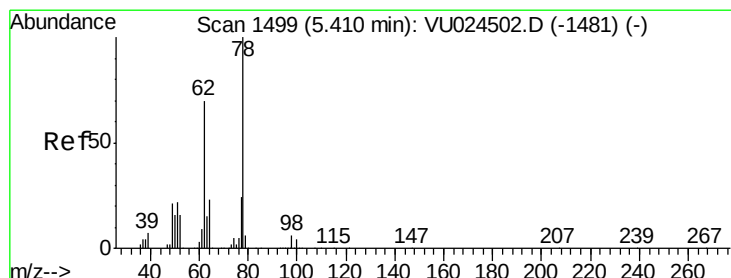
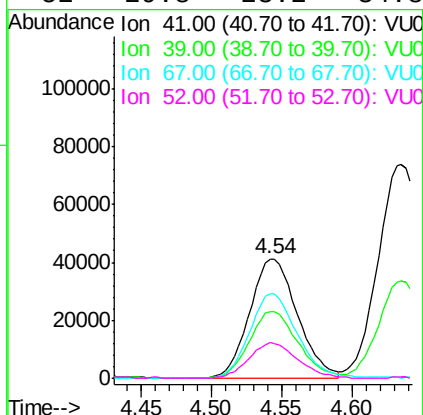
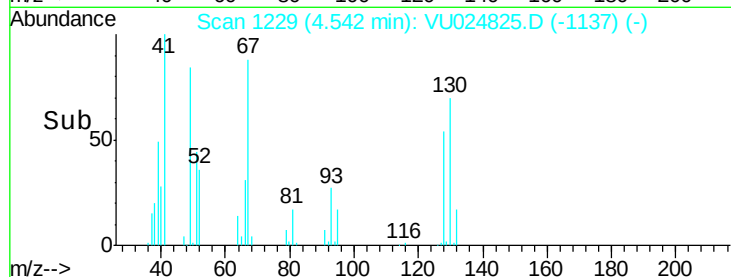
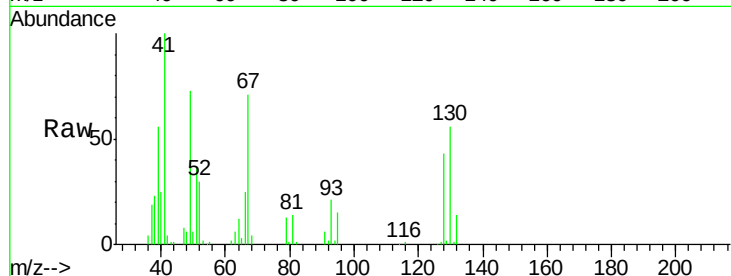
#41
Methacrylonitrile
Concen: 51.73 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	43.8	65.6	
67	70.4	56.3	84.5	
52	29.8	23.2	34.8	

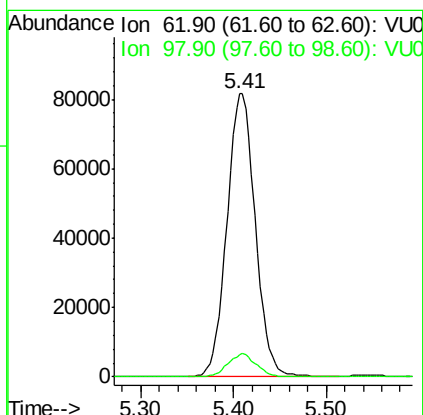
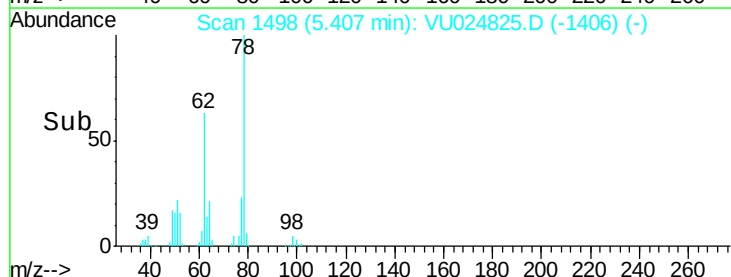
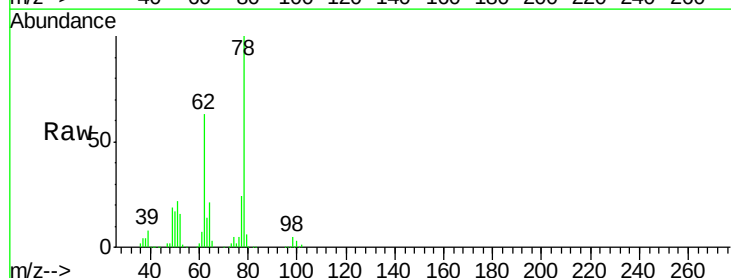
Manual Integrations
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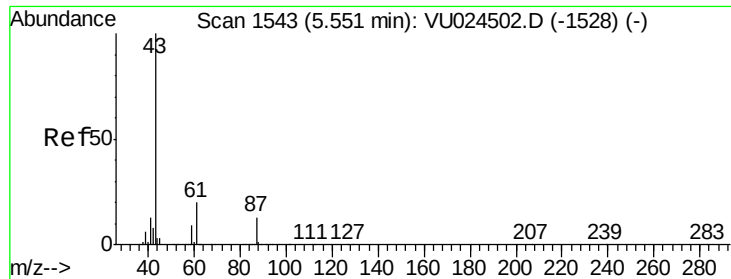
apatel
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#42
1,2-Dichloroethane
Concen: 49.66 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.6	





#43

Isopropyl Acetate

Concen: 35.13 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

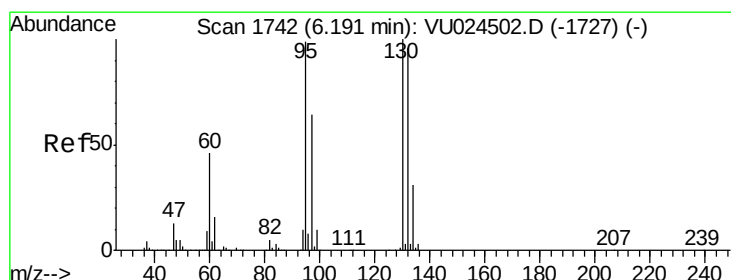
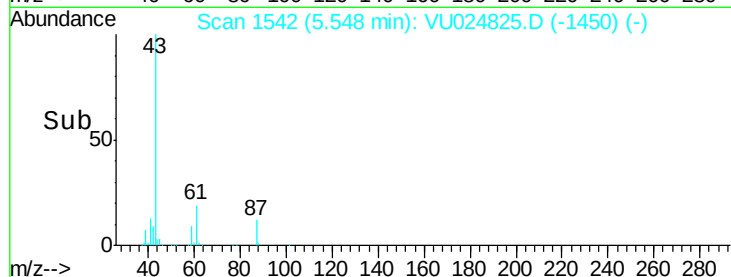
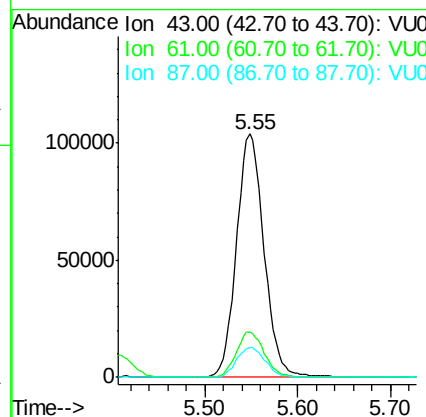
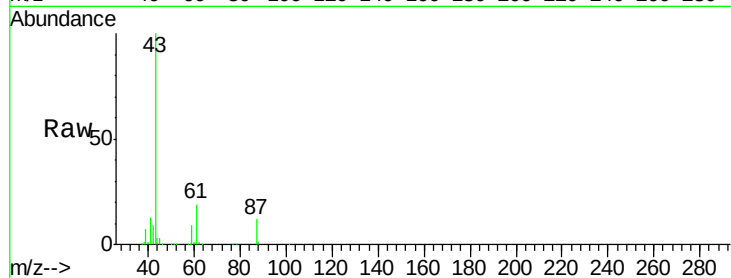
ClientSampleId :

S39-0183MSD

Tot Ion:	43	Resp:	212678
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	12.9	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 59.21 ug/l

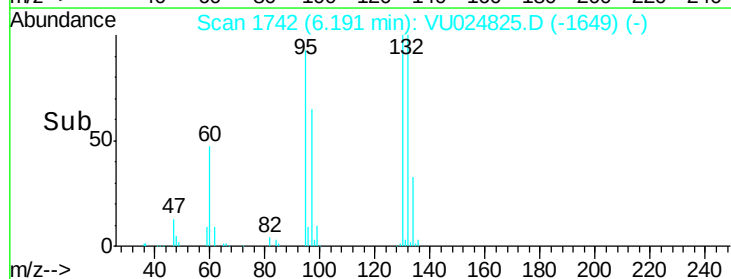
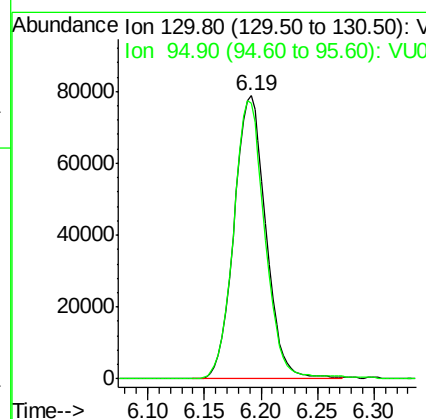
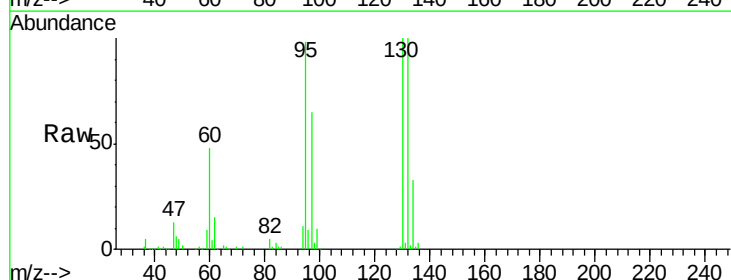
RT: 6.19 min Scan# 1742

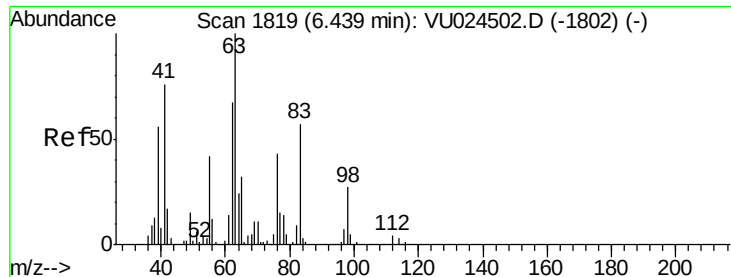
Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Tgt Ion:	130	Resp:	154287
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	202.4





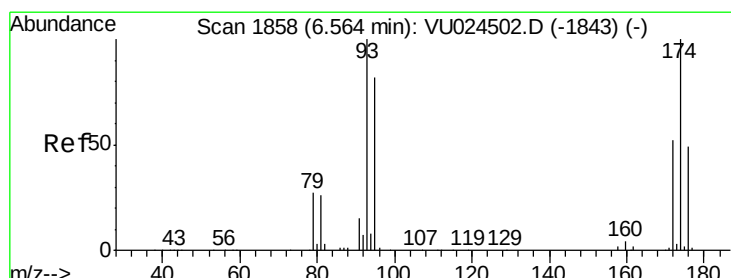
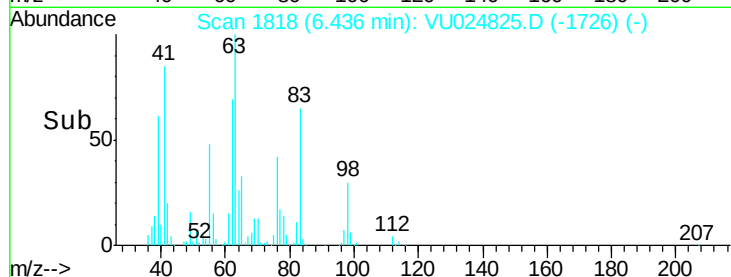
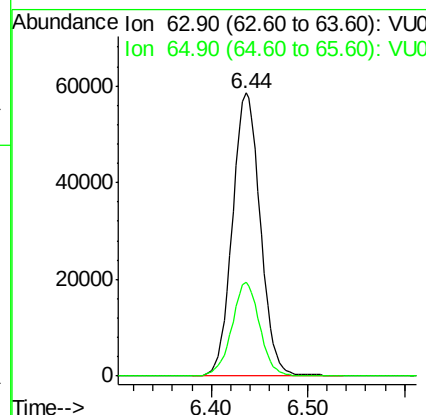
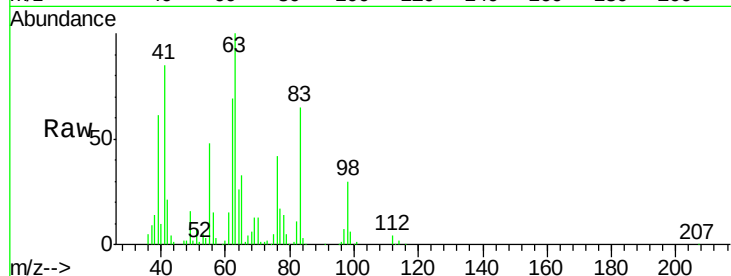
#45
 1,2-Dichloropropane
 Concen: 47.97 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion: 63 Resp: 117186
 Ion Ratio Lower Upper
 63 100
 65 33.0 24.8 37.2

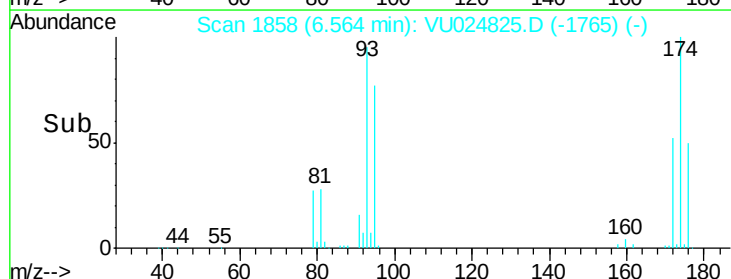
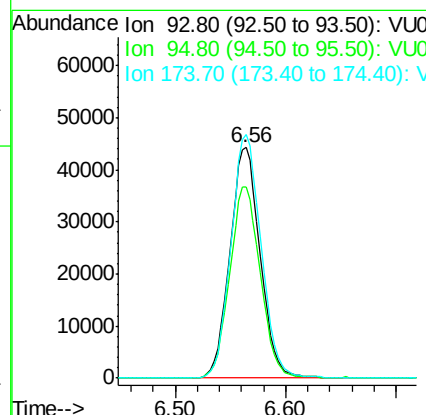
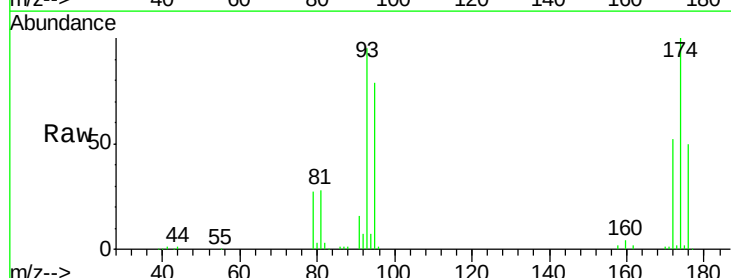
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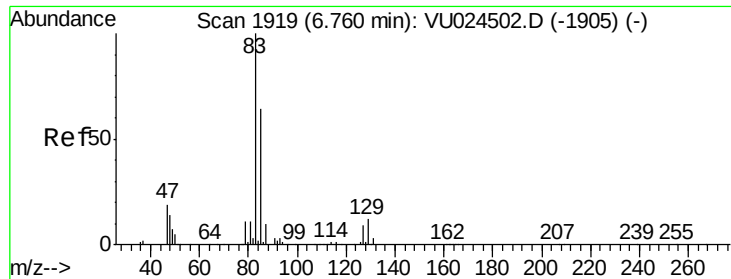
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#46
 Dibromomethane
 Concen: 49.13 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion: 93 Resp: 84307
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.5 98.3
 174 105.3 78.7 118.1





#47

Bromodichloromethane

Concen: 46.95 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

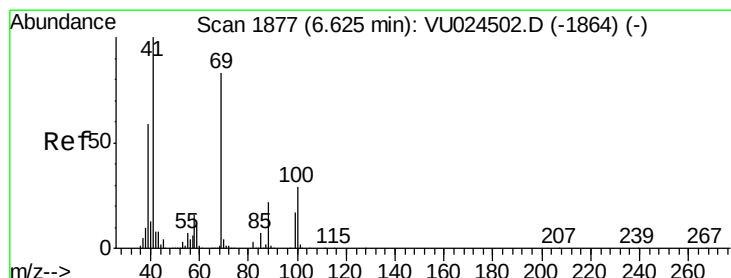
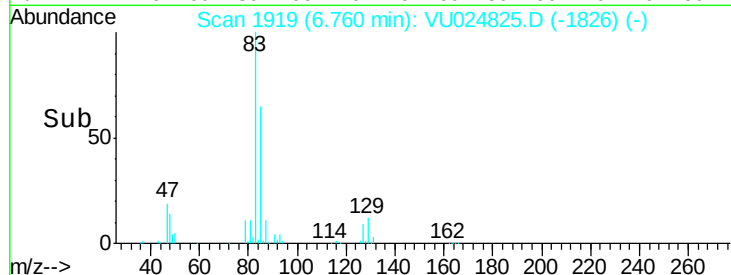
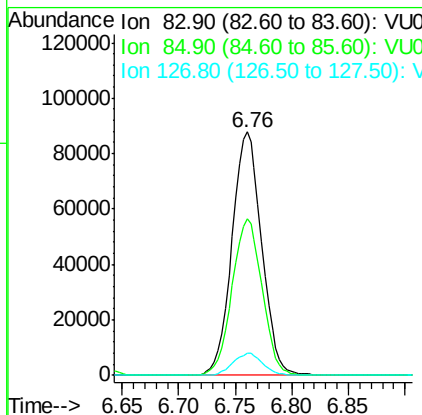
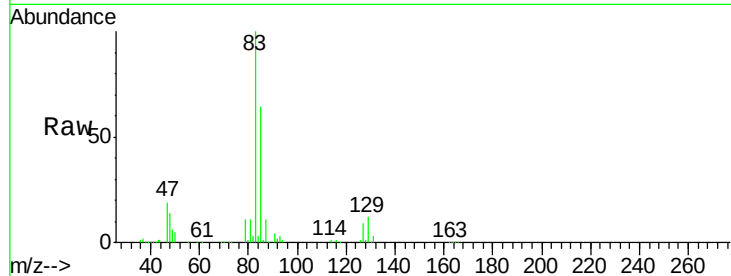
ClientSampleId :

S39-0183MSD

Tot Ion:	83	Resp:	160448
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.9	77.9
127	8.9	6.6	9.8

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#48

Methyl methacrylate

Concen: 48.10 ug/l

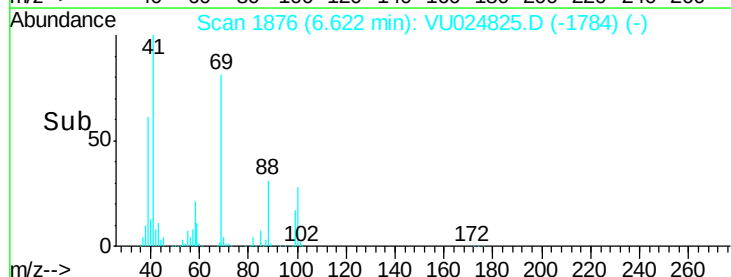
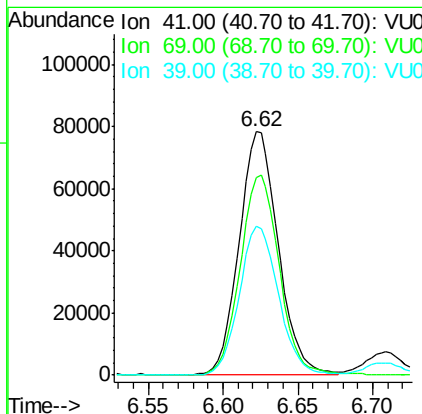
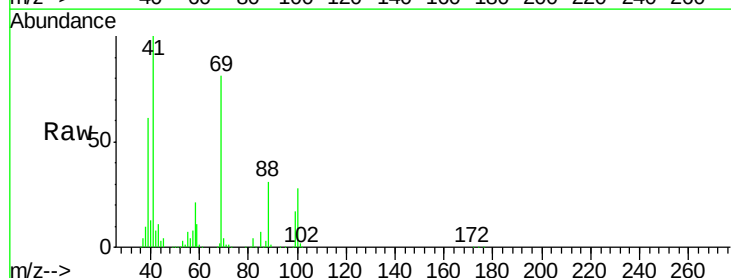
RT: 6.62 min Scan# 1876

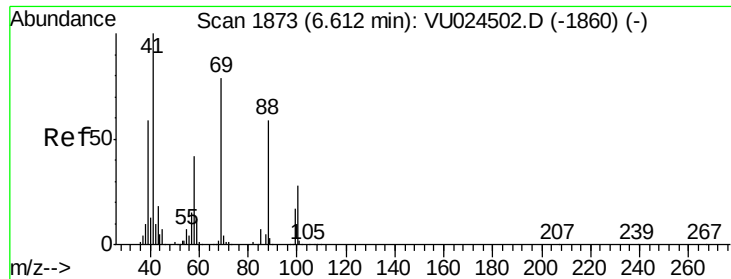
Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Tgt Ion:	41	Resp:	141778
Ion Ratio	Lower	Upper	
41	100		
69	82.8	67.3	100.9
39	62.0	46.5	69.7





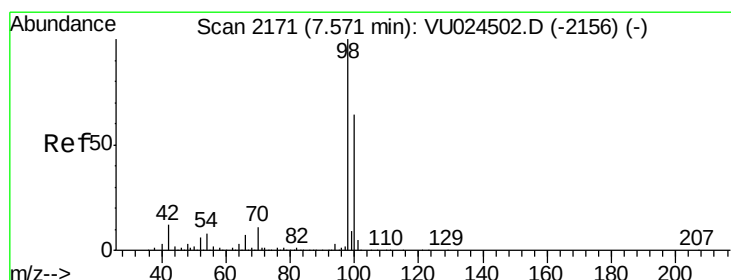
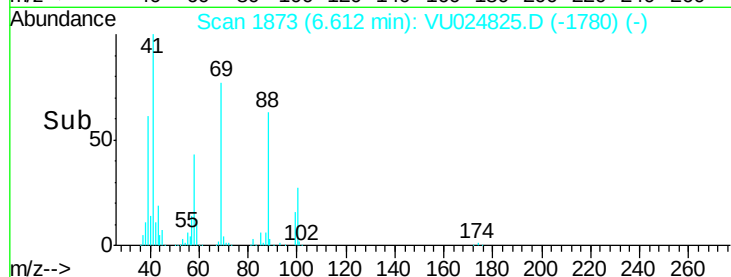
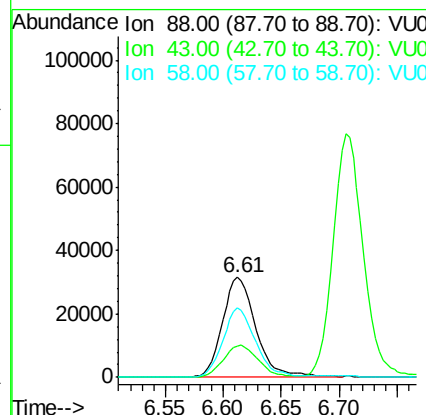
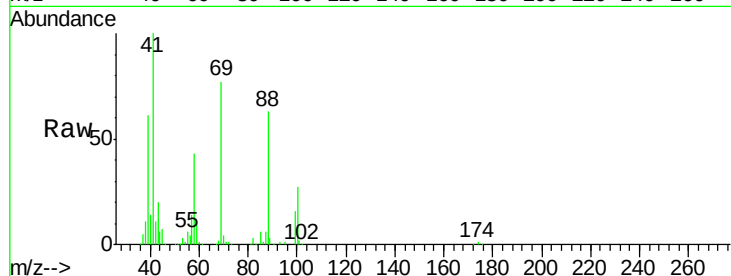
#49
1,4-Dioxane
Concen: 1067.95 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampled :
S39-0183MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	28.6	42.8
58	70.1	58.2	87.4

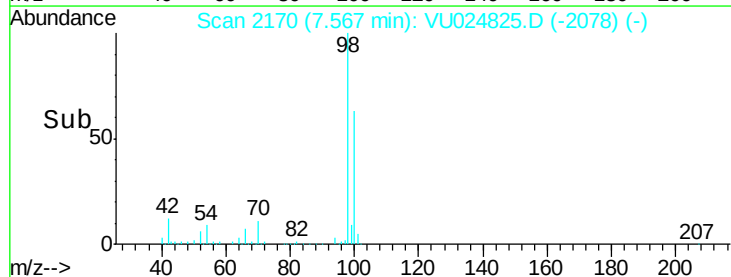
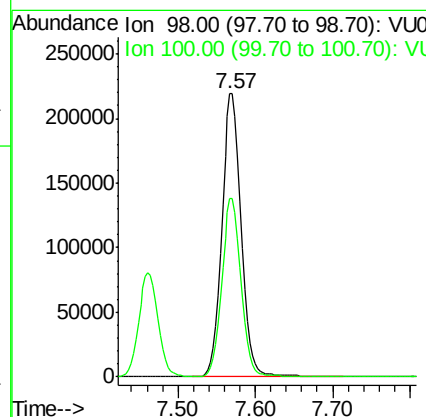
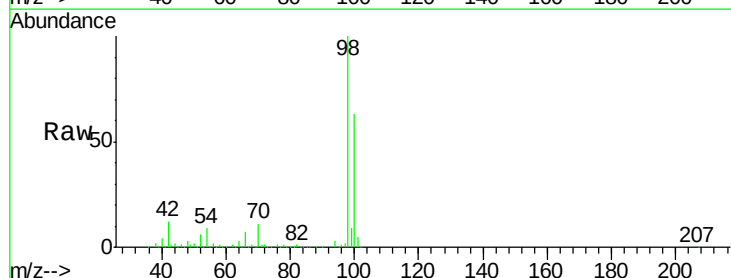
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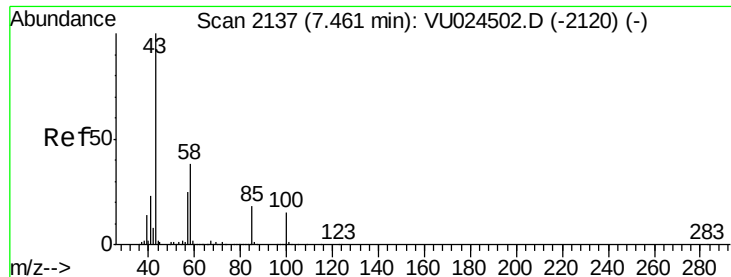
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#50
Toluene-d8
Concen: 46.68 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.0	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 245.23 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

Tot Ion: 43 Resp: 932698

Ion Ratio Lower Upper

43 100

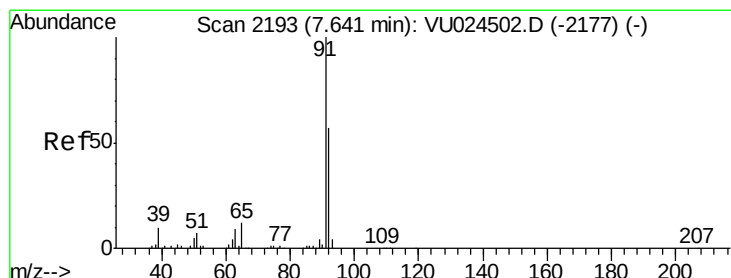
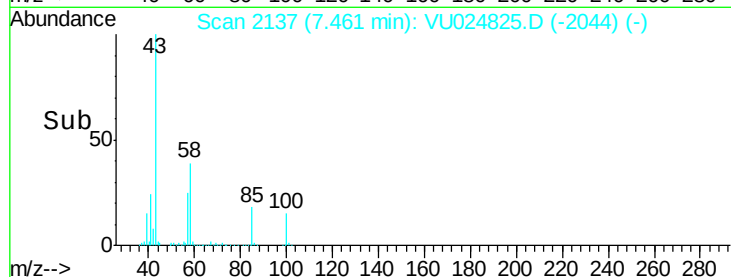
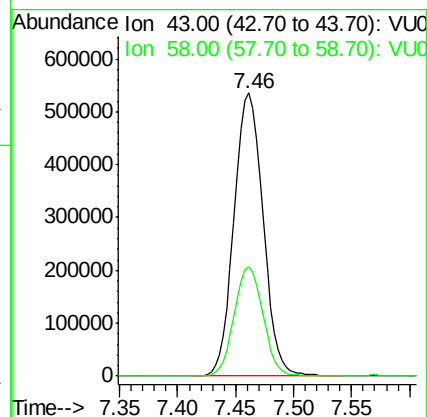
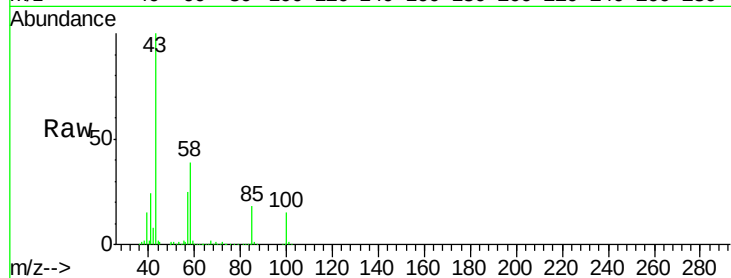
58 38.4 30.0 45.0

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#52

Toluene

Concen: 47.16 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024825.D

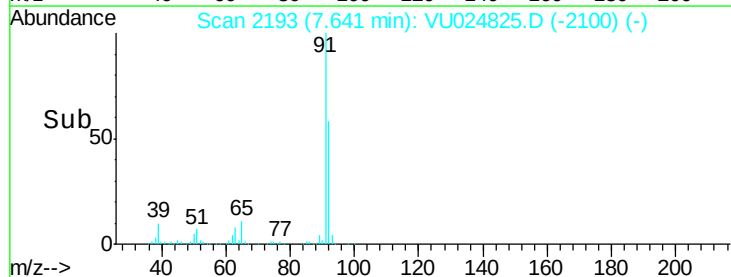
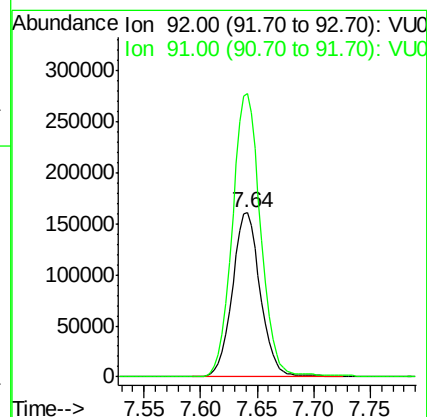
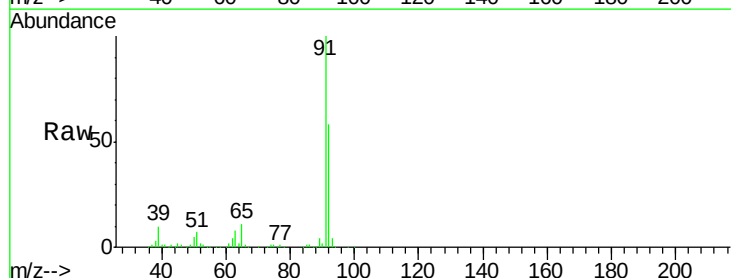
Acq: 21 Jun 2018 20:57

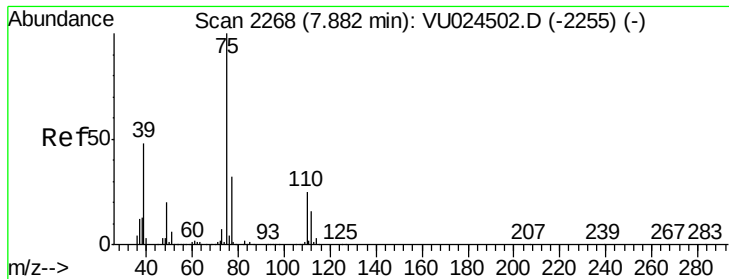
Tgt Ion: 92 Resp: 277810

Ion Ratio Lower Upper

92 100

91 174.7 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 35.75 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

Tot Ion: 75 Resp: 137177

Ion Ratio Lower Upper

75 100

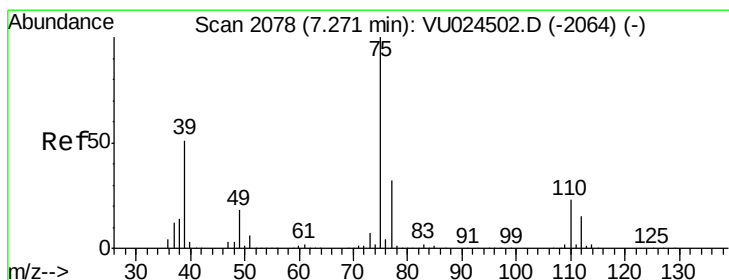
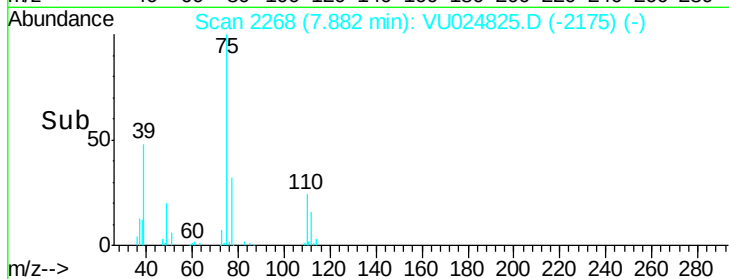
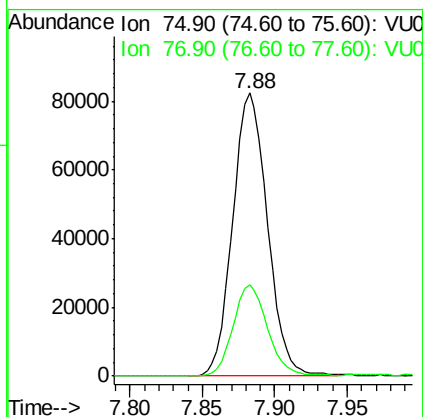
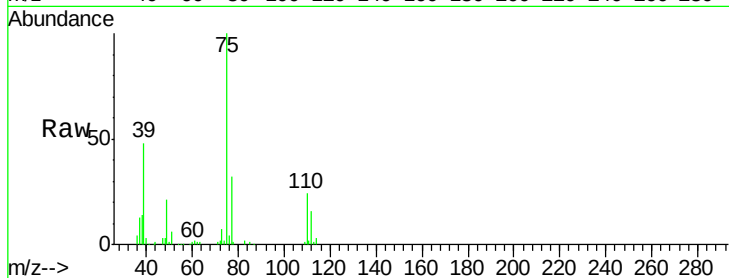
77 32.2 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 35.05 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

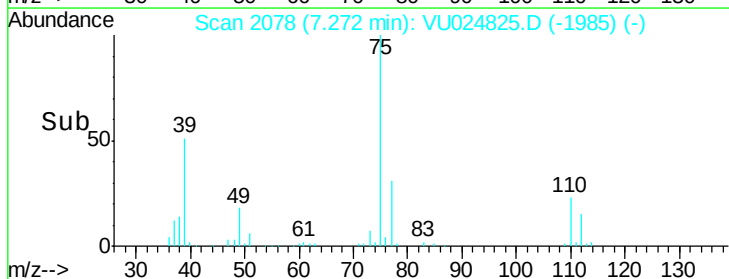
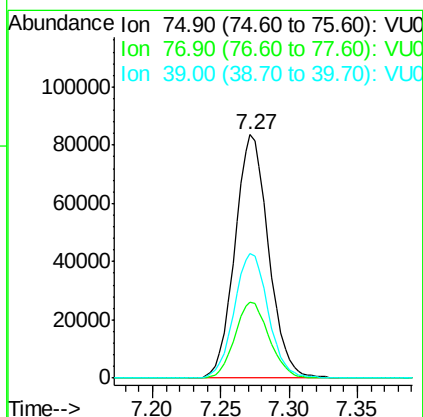
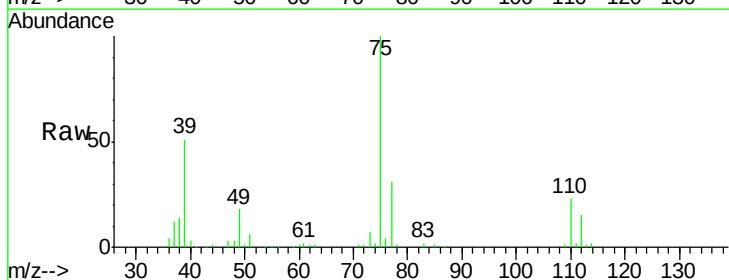
Tgt Ion: 75 Resp: 143330

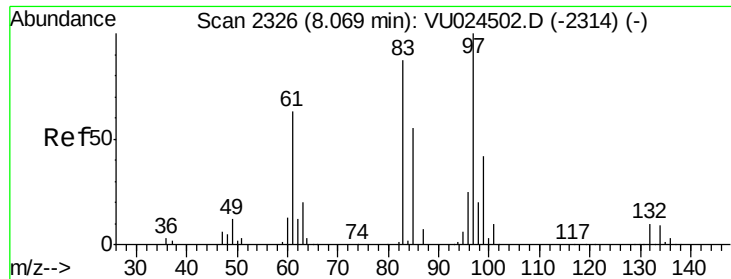
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 51.2 39.8 59.6





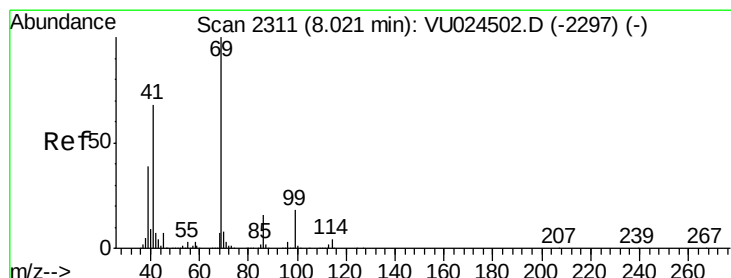
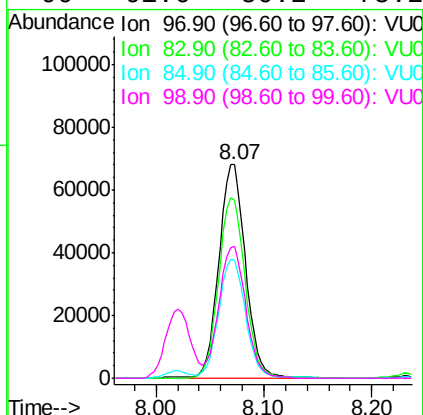
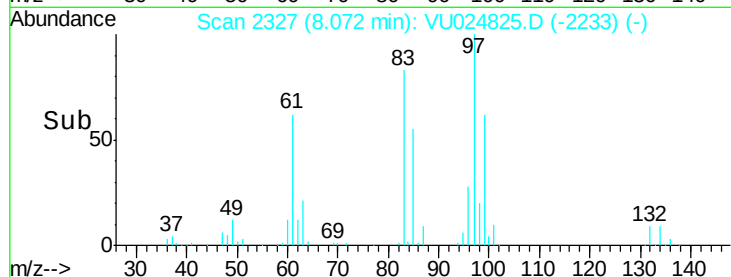
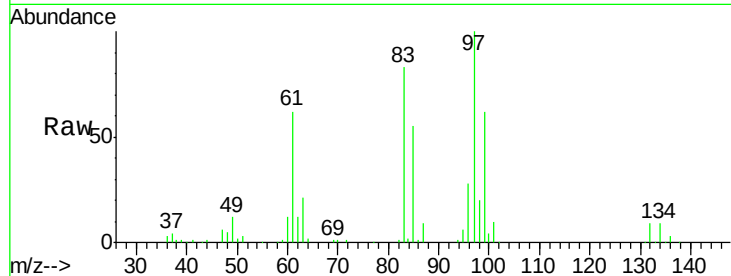
#55
 1,1,2-Trichloroethane
 Concen: 49.01 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion:	97	Resp:	117366
Ion	Ratio	Lower	Upper
97	100		
83	83.3	70.5	105.7
85	55.3	46.4	69.6
99	61.6	50.2	75.2

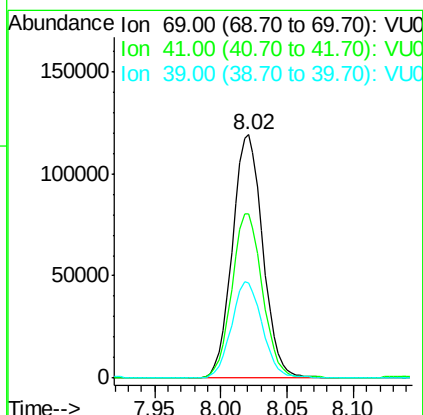
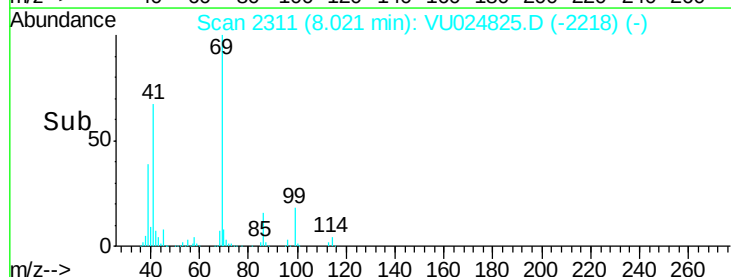
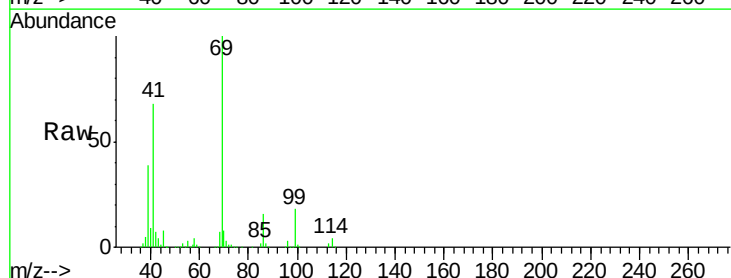
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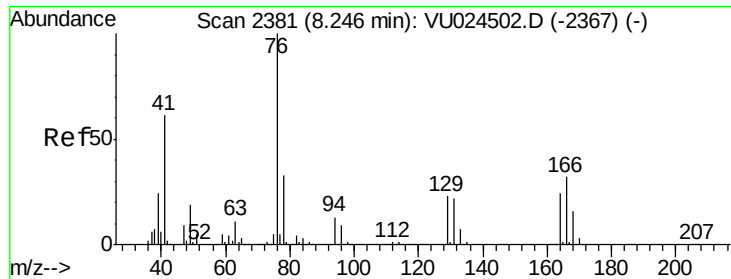
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#56
 Ethyl methacrylate
 Concen: 47.46 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion:	69	Resp:	190198
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.1	81.1
39	39.8	30.3	45.5





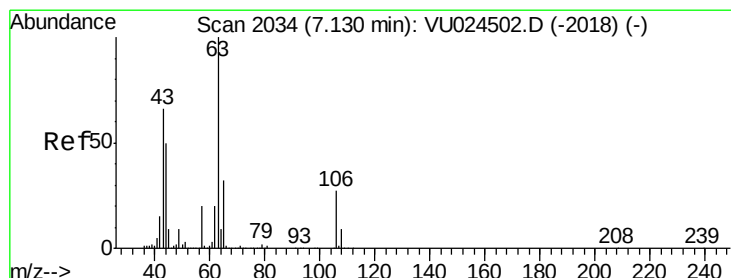
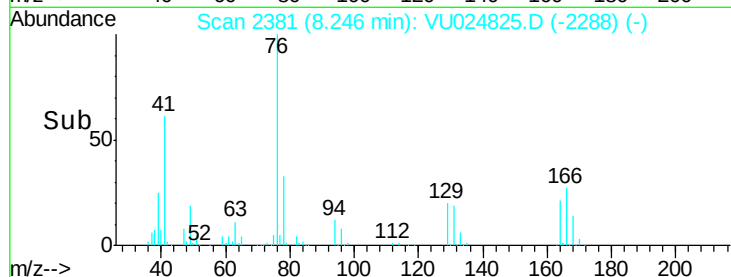
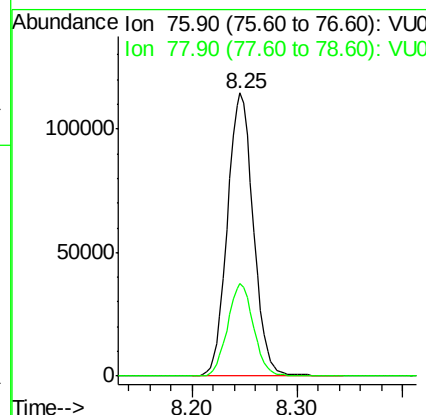
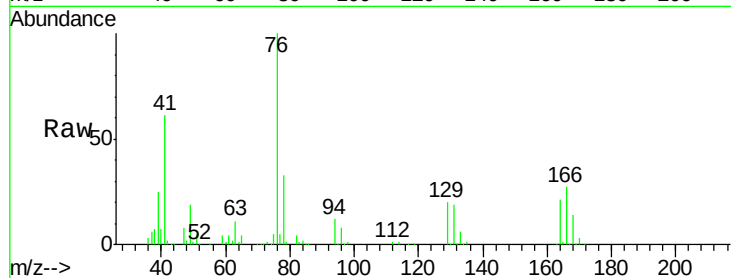
#57
 1,3-Dichloropropane
 Concen: 48.35 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.2	37.8

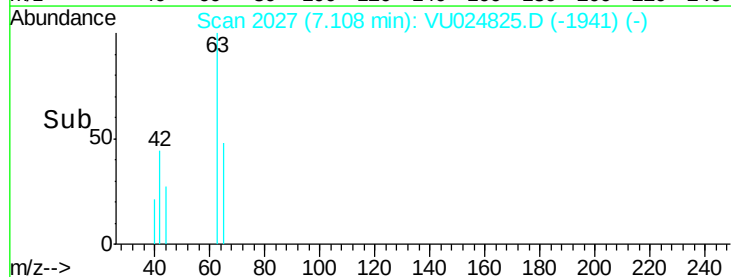
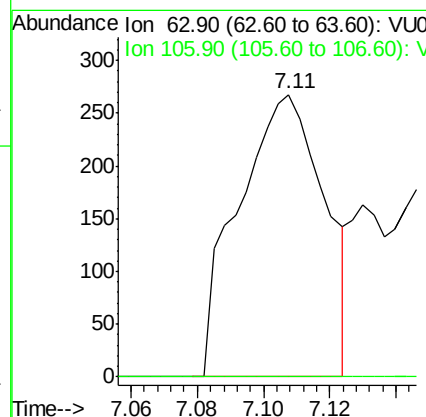
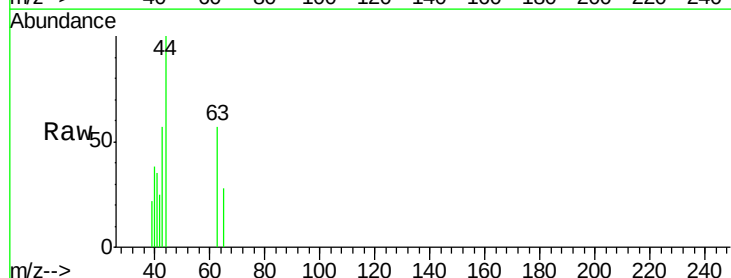
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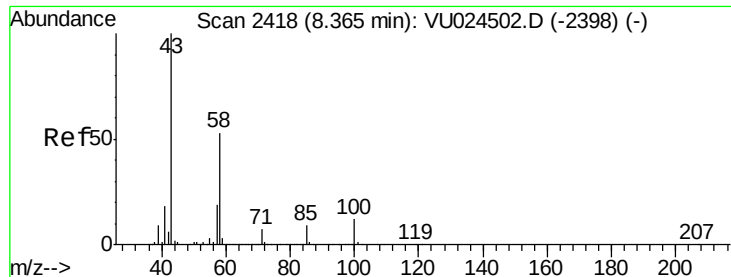
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#58
 2-Chloroethyl Vinyl ether
 Concen: 0.31 ug/l
 RT: 7.11 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	20.2	30.2





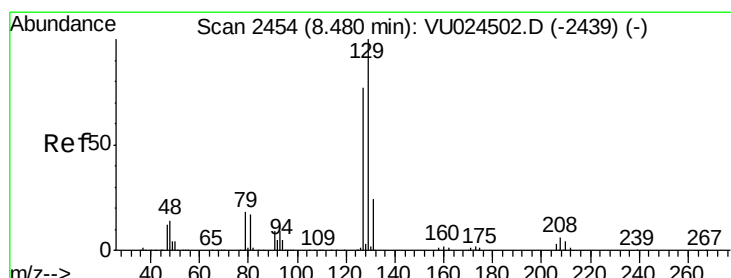
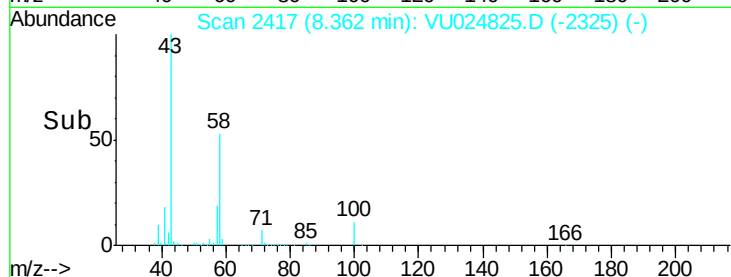
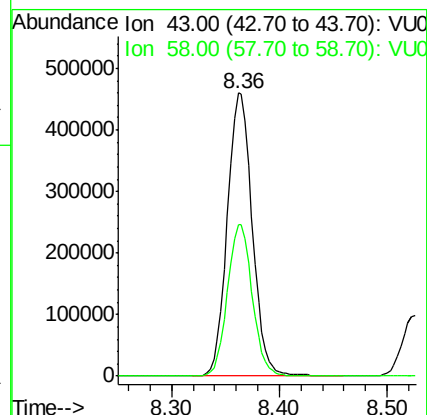
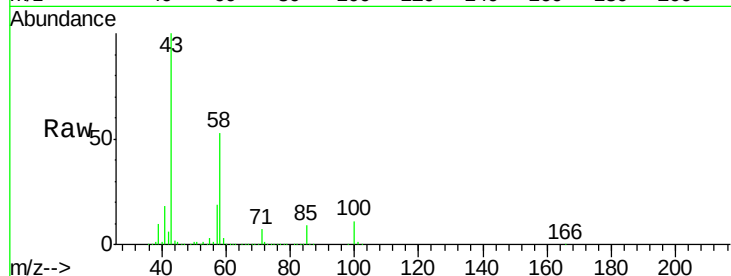
#59
2-Hexanone
Concen: 238.71 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion: 43 Resp: 741206
Ion Ratio Lower Upper
43 100
58 53.3 26.4 79.0

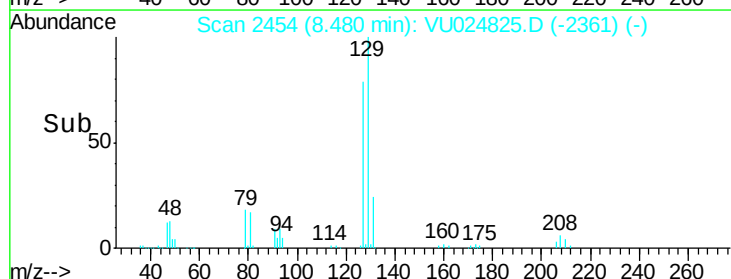
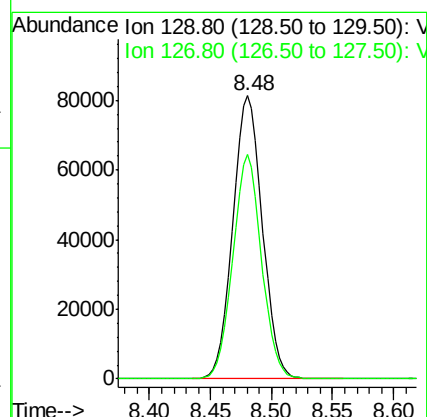
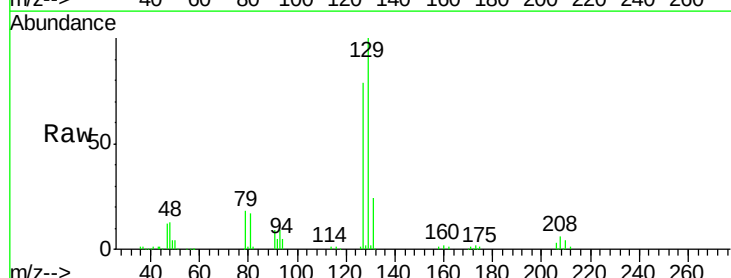
Manual Integrations
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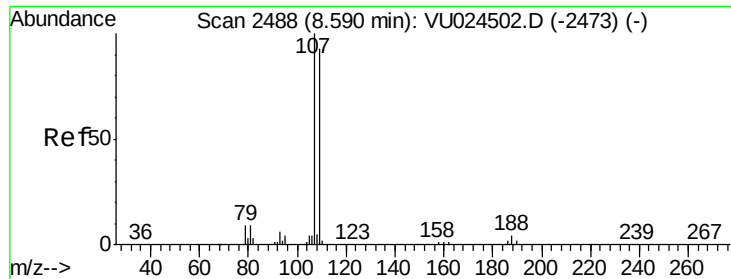
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#60
Dibromochloromethane
Concen: 46.08 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion:129 Resp: 137601
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





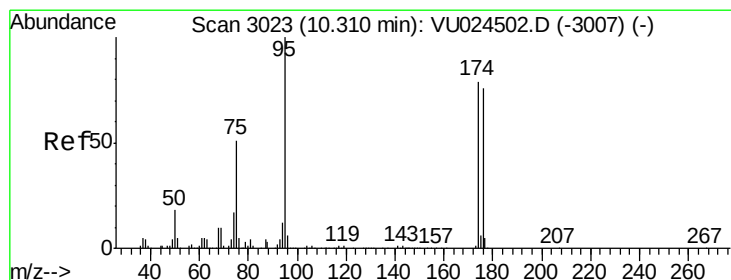
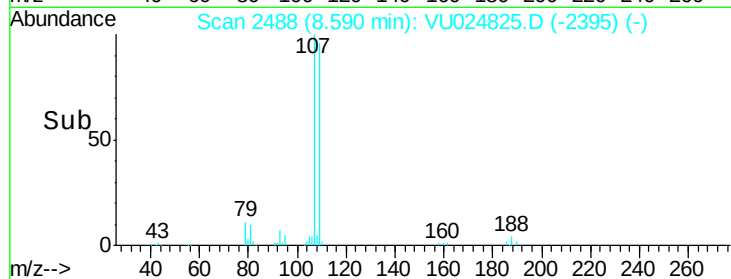
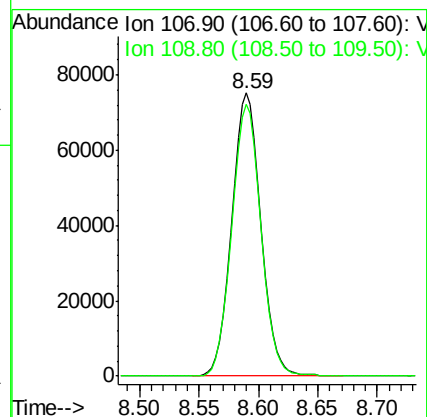
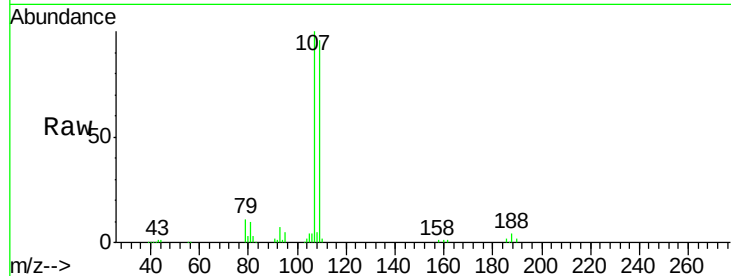
#61
 1,2-Dibromoethane
 Concen: 47.77 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	74.5	111.7

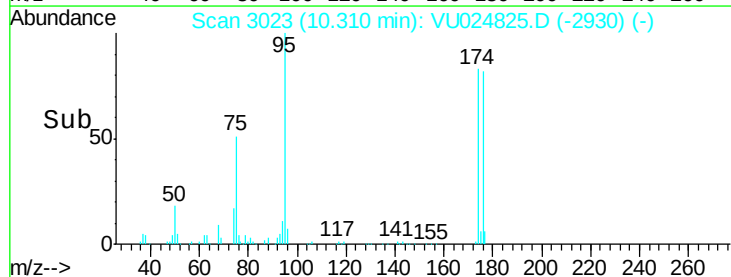
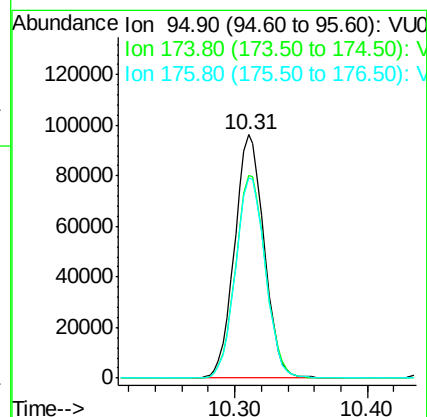
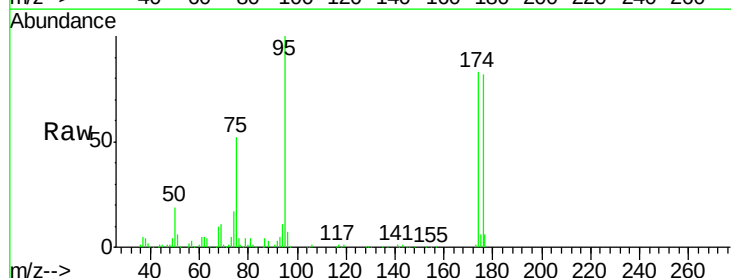
Manual Integrations
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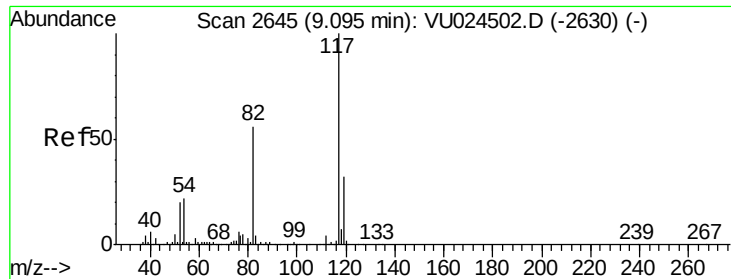
apatel
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#62
 4-Bromofluorobenzene
 Concen: 45.42 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	165.8
176	83.0	0.0	159.4





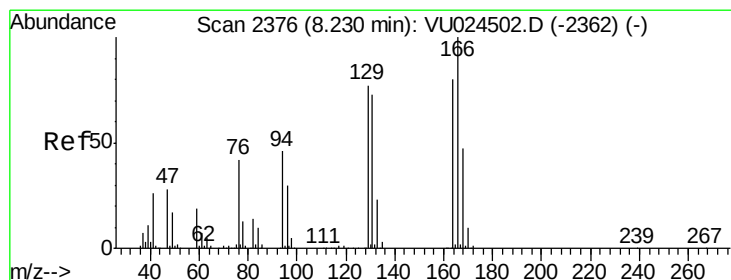
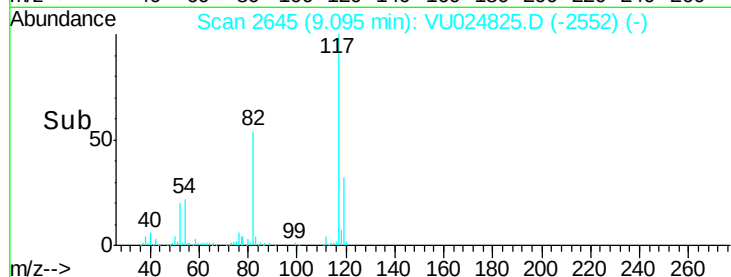
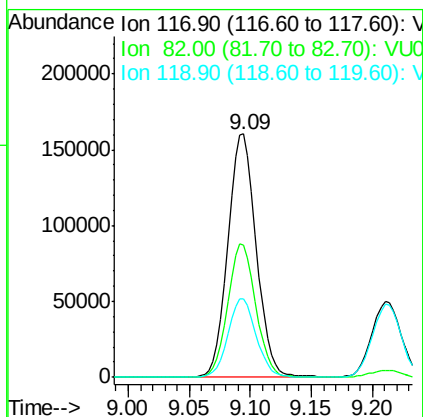
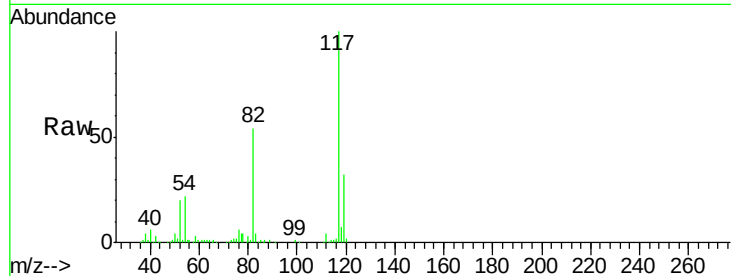
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	261640		
82	54.2	44.3	66.5	
119	32.3	25.4	38.2	

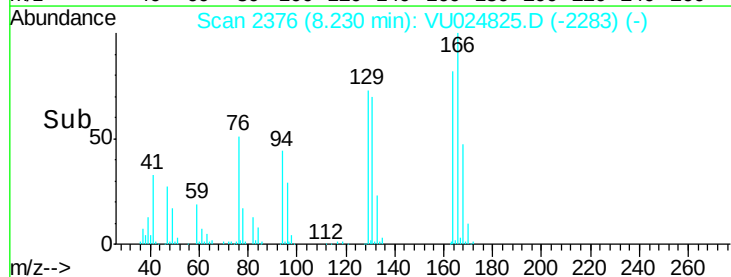
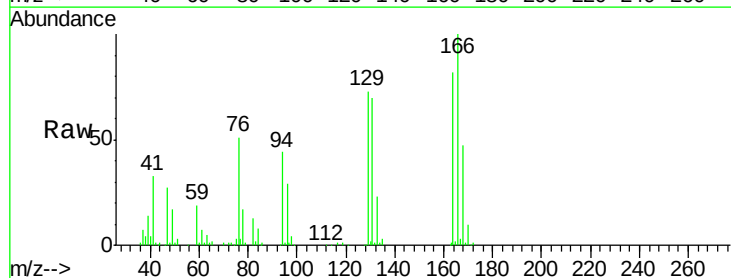
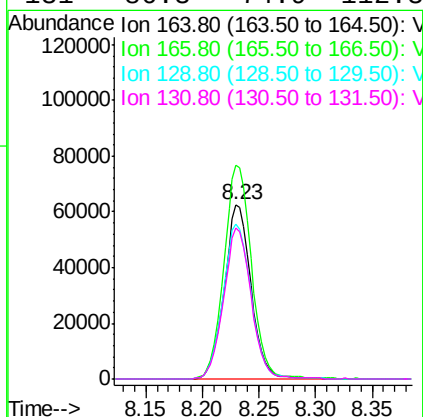
Manual Integrations
APPROVED

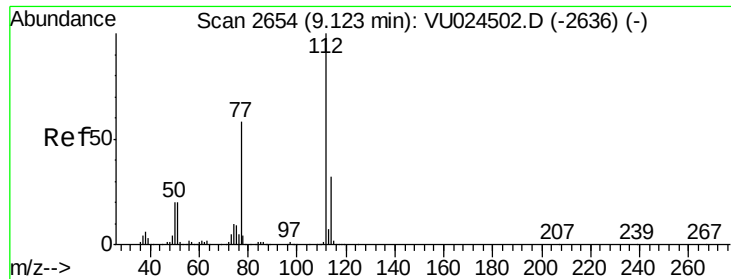
apatel
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#64
Tetrachloroethene
Concen: 41.43 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	103041		
166	122.5	101.7	152.5	
129	88.9	76.9	115.3	
131	86.3	74.9	112.3	





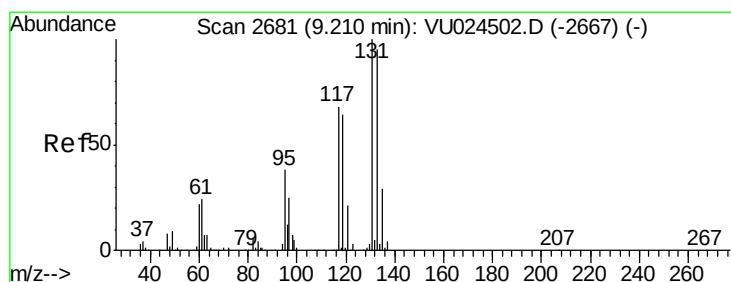
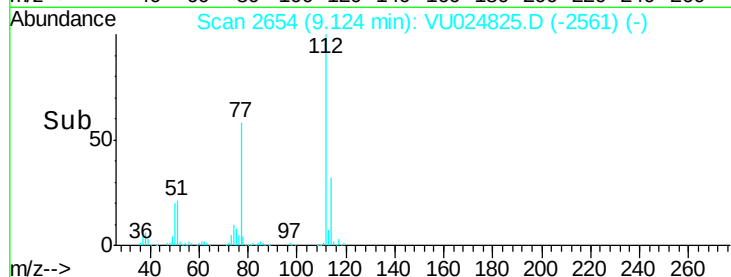
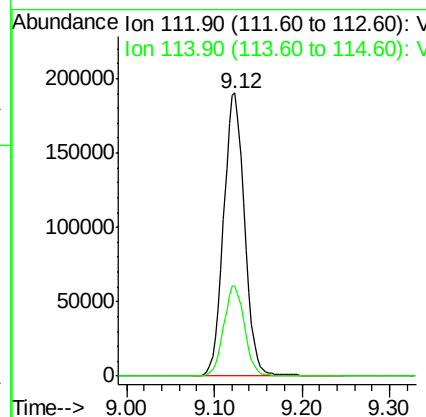
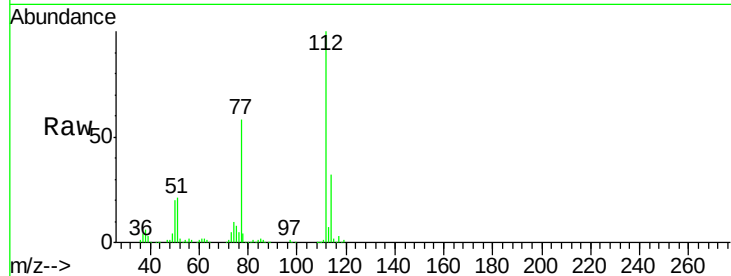
#65
Chlorobenzene
Concen: 47.34 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.6	38.4

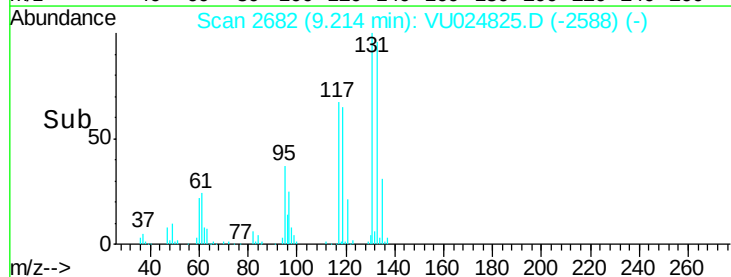
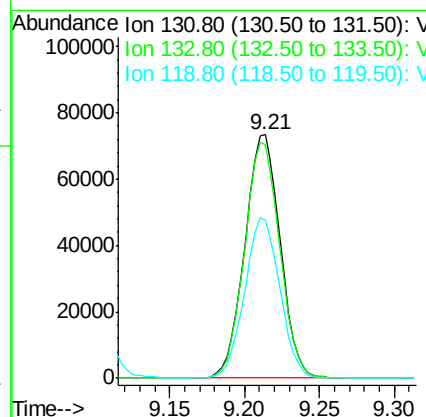
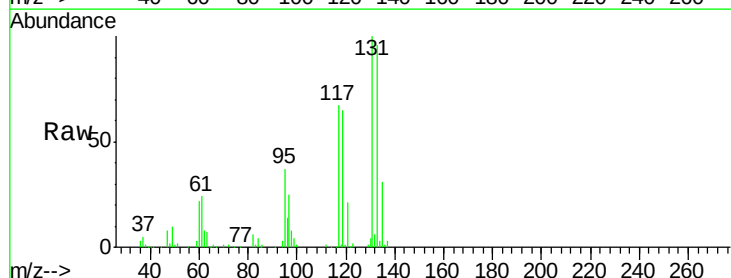
Manual Integrations
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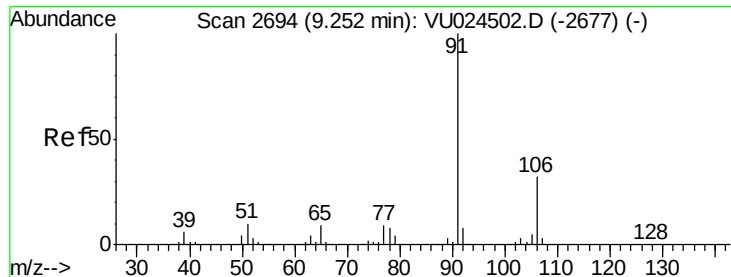
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.55 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	46.9	140.8
119	65.7	33.5	100.4





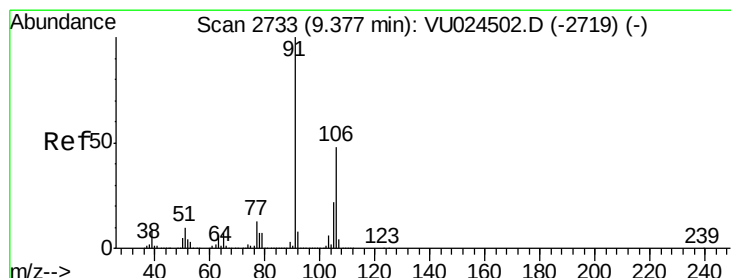
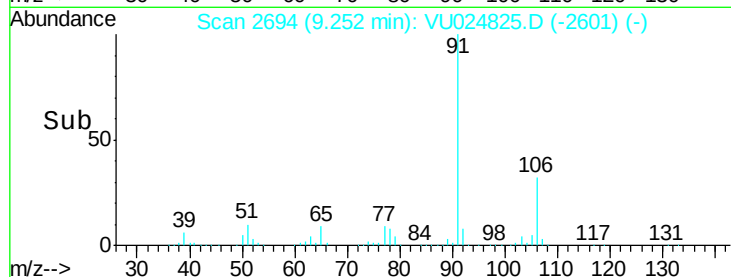
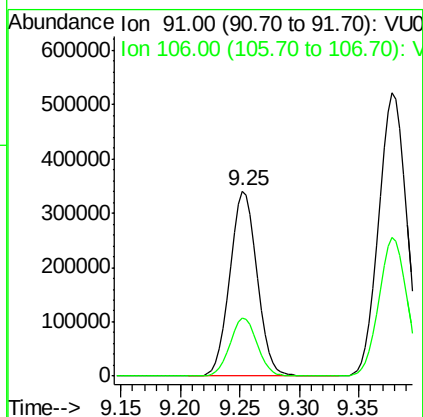
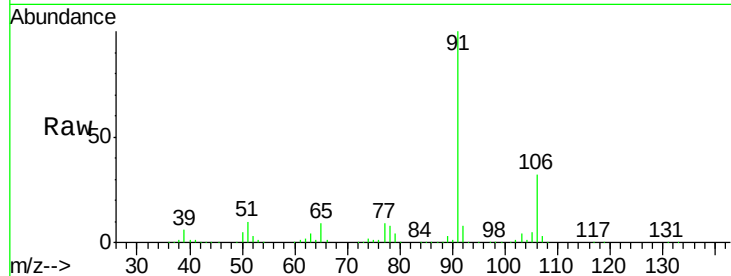
#67
Ethyl Benzene
Concen: 46.25 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion: 91 Resp: 541926
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4

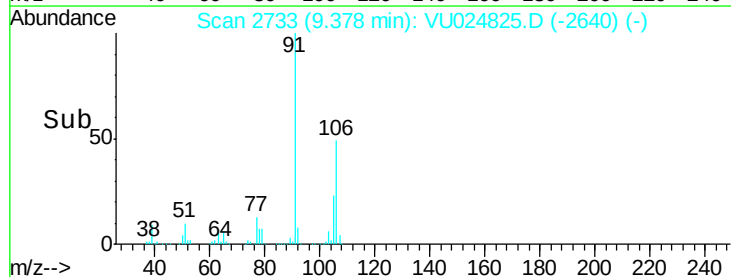
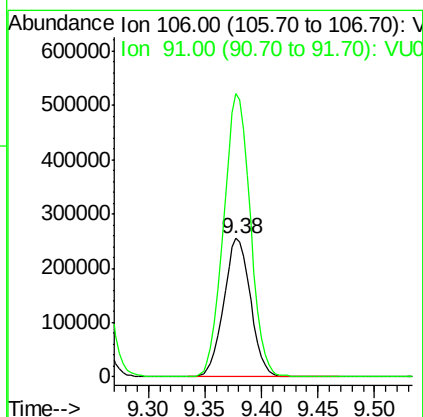
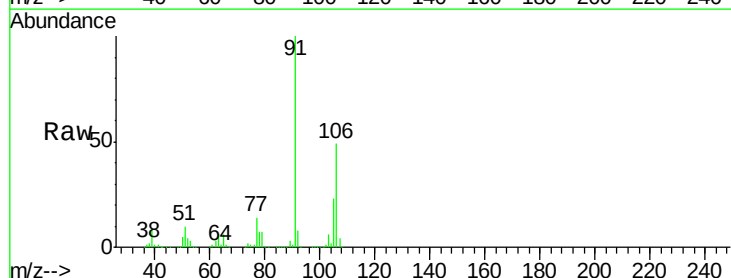
Manual Integrations
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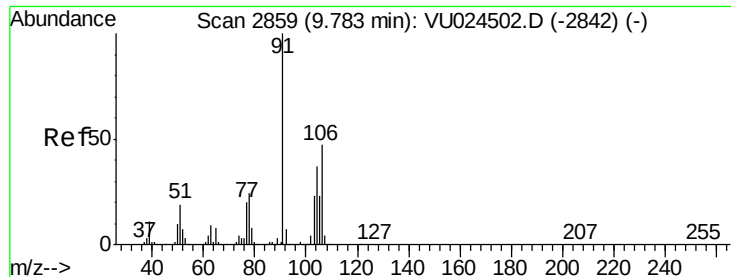
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#68
m/p-Xylenes
Concen: 93.33 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion: 106 Resp: 419943
Ion Ratio Lower Upper
106 100
91 204.8 166.5 249.7





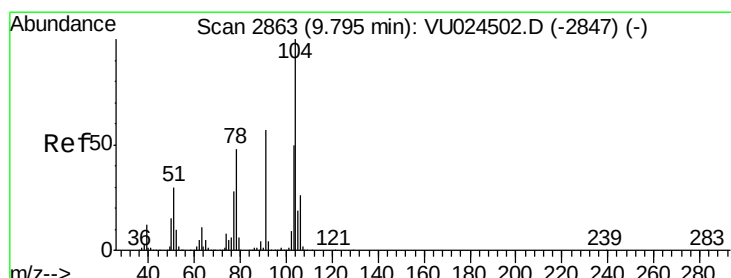
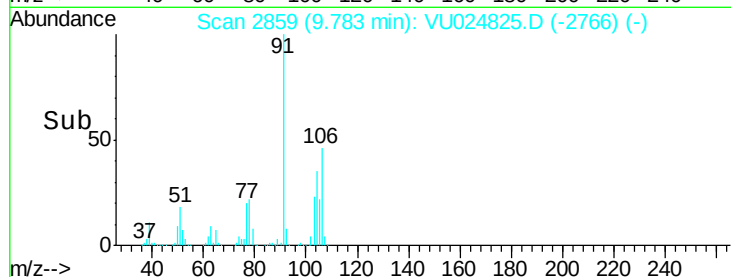
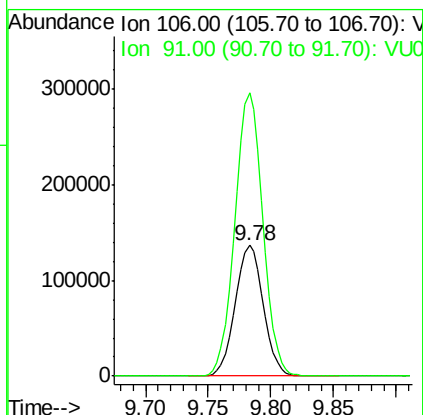
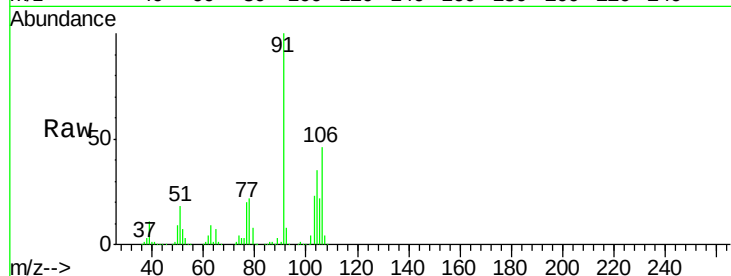
#69
o-Xylene
Concen: 47.64 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.8	110.7	331.9

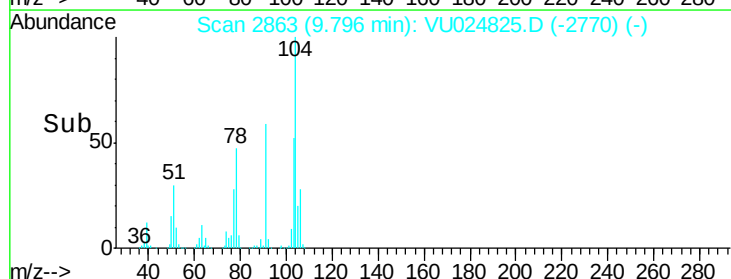
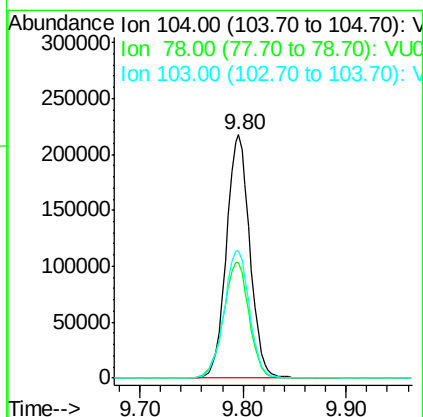
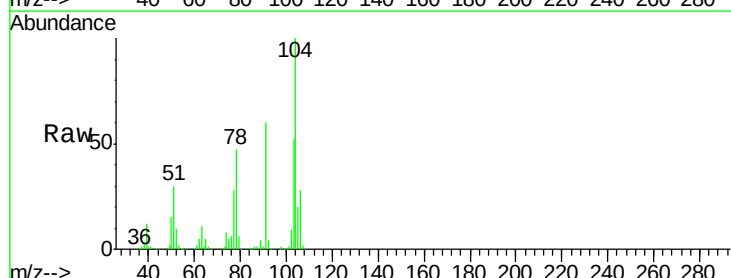
Manual Integrations
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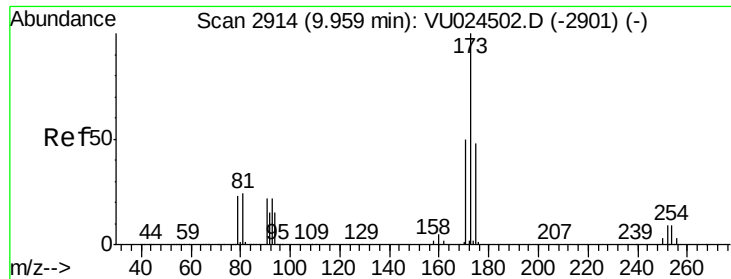
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#70
Styrene
Concen: 46.97 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.2	40.6	60.8
103	56.4	44.7	67.1





#71

Bromoform

Concen: 45.13 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

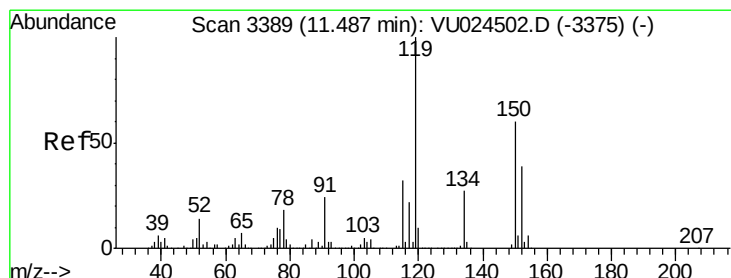
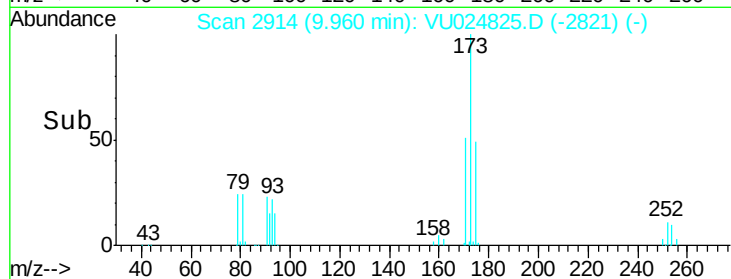
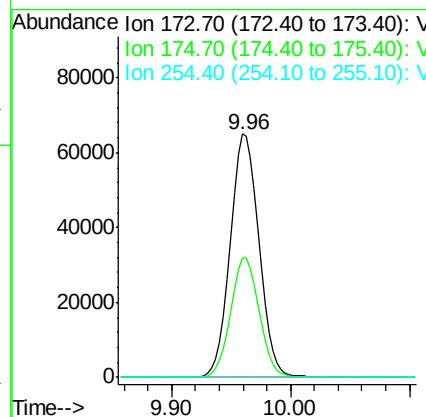
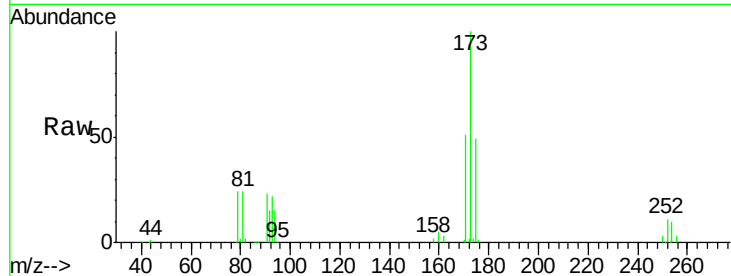
ClientSampleId :

S39-0183MSD

Tot Ion:	173	Resp:	108932
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

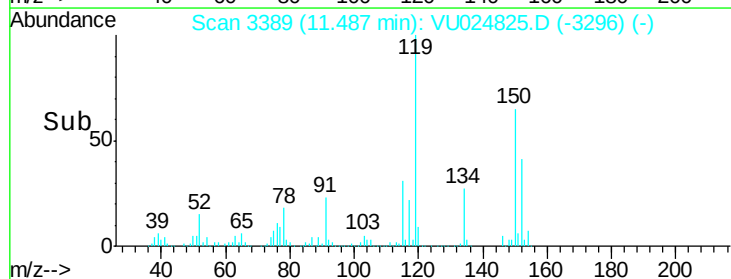
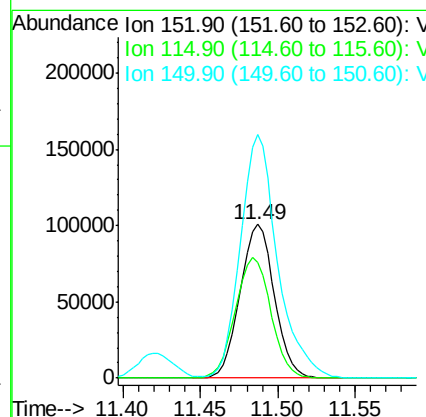
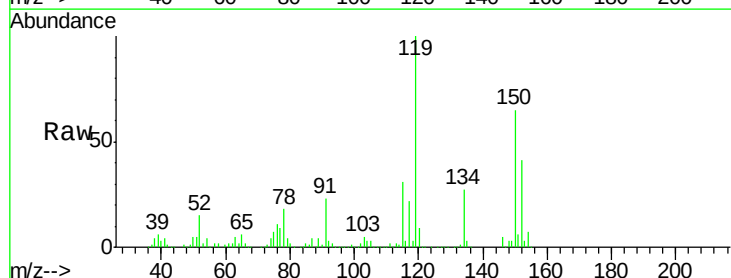
RT: 11.49 min Scan# 3389

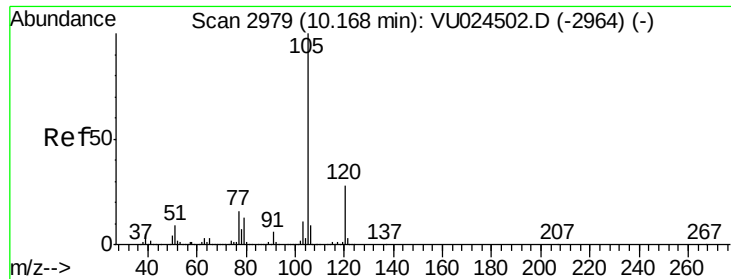
Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Tgt Ion:	152	Resp:	154941
Ion Ratio	Lower	Upper	
152	100		
115	81.2	43.0	129.0
150	171.6	0.0	354.0





#73

Isopropylbenzene

Concen: 47.52 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

Tot Ion: 105 Resp: 565339

Ion Ratio Lower Upper

105 100

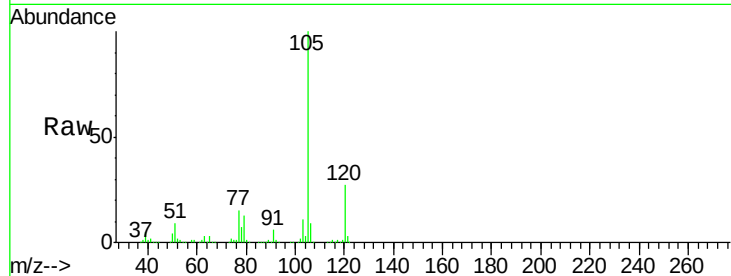
120 27.2 13.2 39.6

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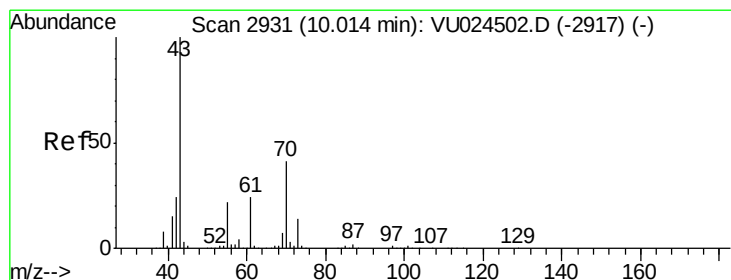
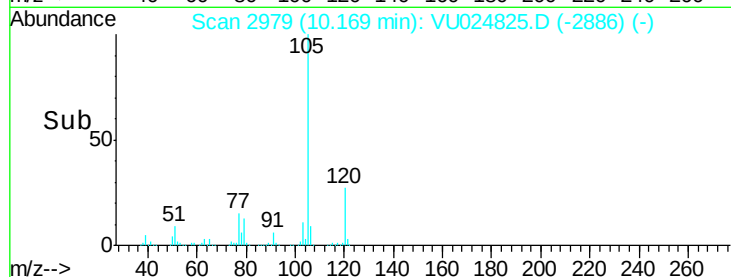
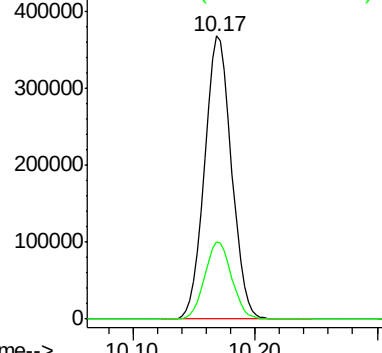
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 27.04 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Tgt Ion: 43 Resp: 153016

Ion Ratio Lower Upper

43 100

70 41.9 32.2 48.4

55 23.8 20.5 30.7

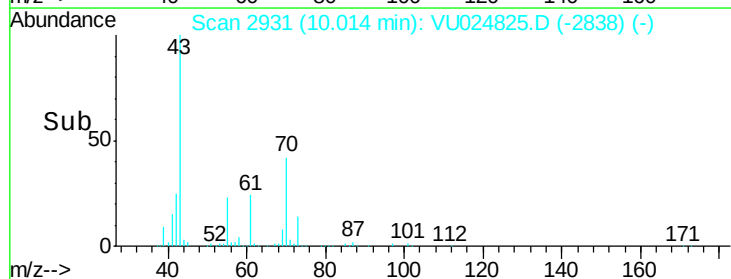
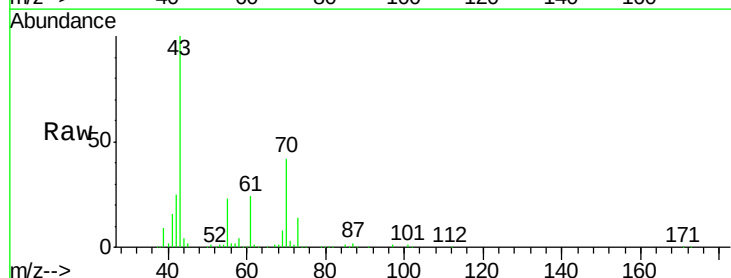
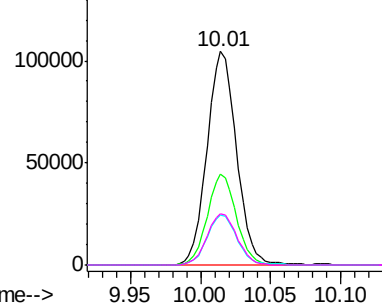
61 24.5 18.7 28.1

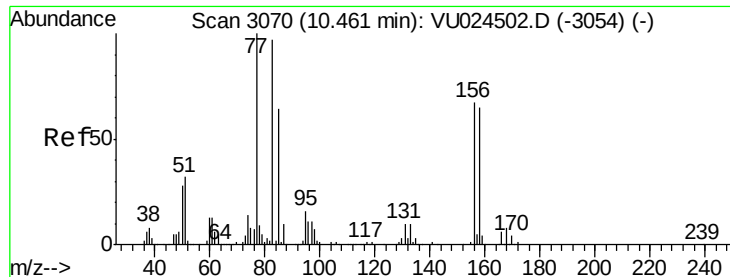
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.67 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

Tot Ion: 83 Resp: 198018

Ion Ratio Lower Upper

83 100

131 10.5 4.7 14.1

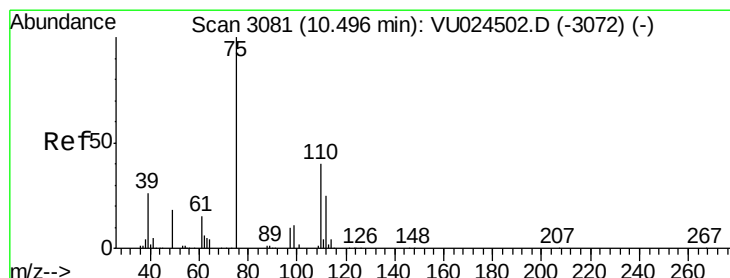
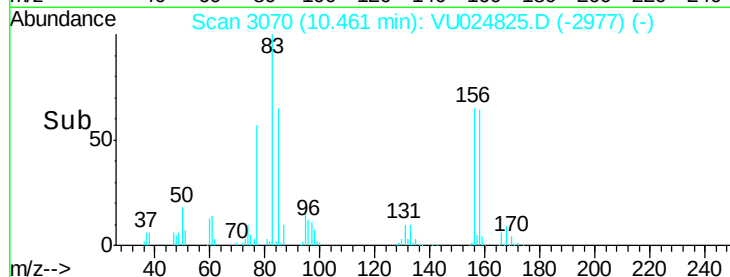
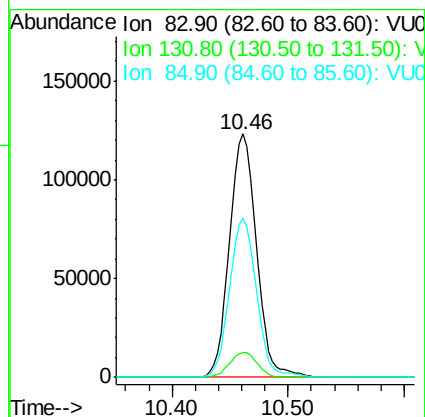
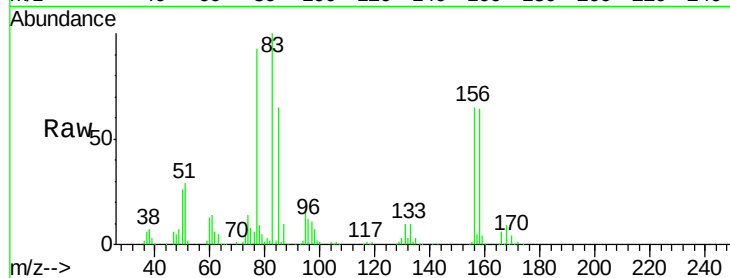
85 65.4 32.5 97.5

Manual Integrations

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#76

1,2,3-Trichloropropane

Concen: 49.49 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024825.D

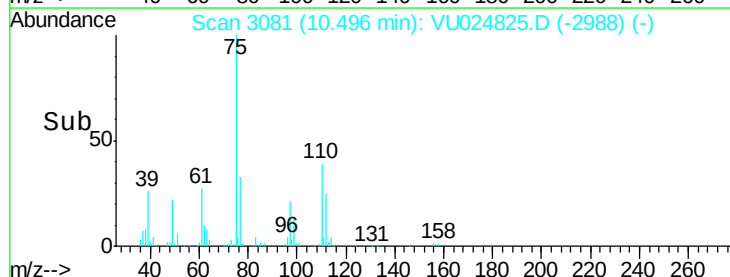
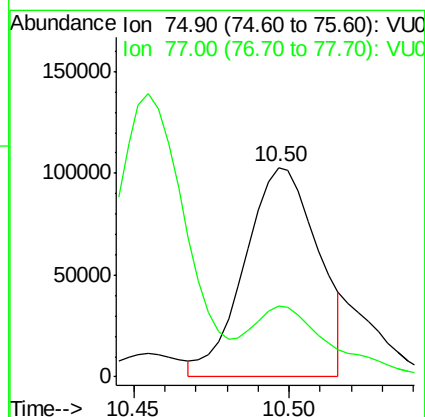
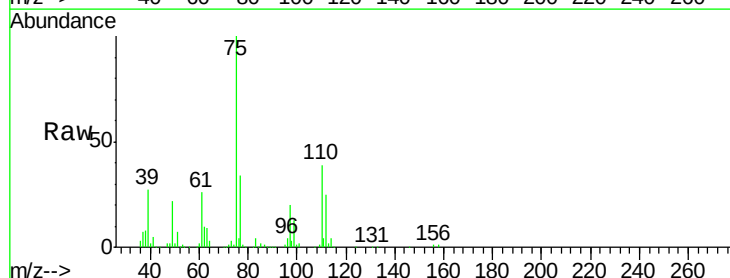
Acq: 21 Jun 2018 20:57

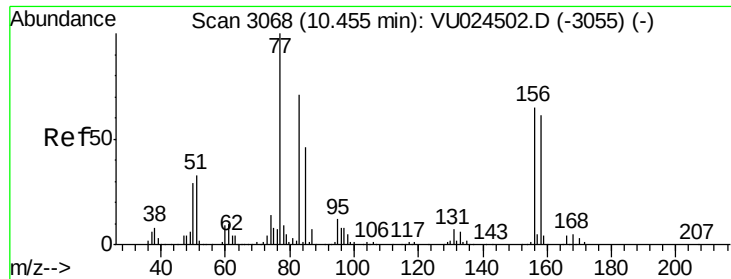
Tgt Ion: 75 Resp: 168829

Ion Ratio Lower Upper

75 100

77 36.0 20.9 62.7





#77

Bromobenzene

Concen: 48.71 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

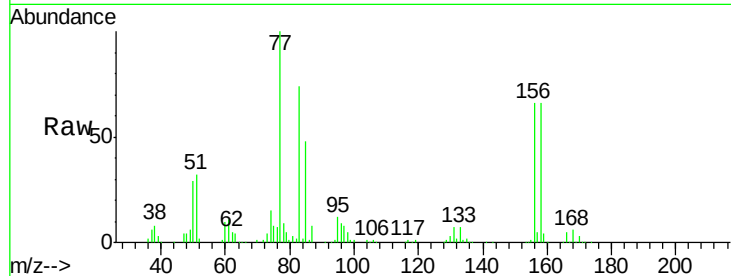
ClientSampled :

S39-0183MSD

Tot Ion:	156	Resp:	146697
Ion Ratio	Lower	Upper	
156	100		
77	150.5	80.5	241.3
158	97.4	48.2	144.6

Manual Integrations
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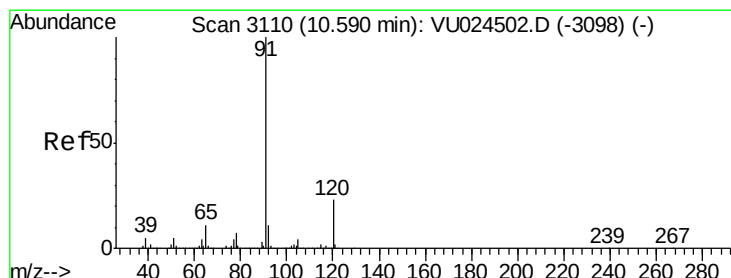
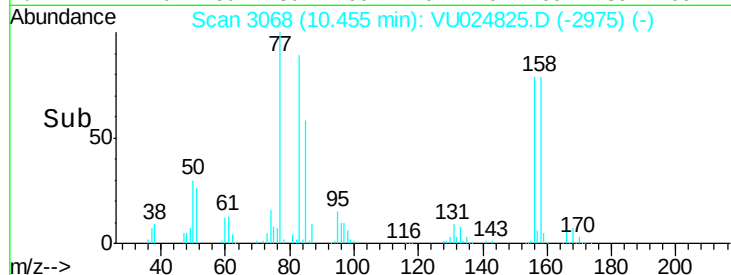
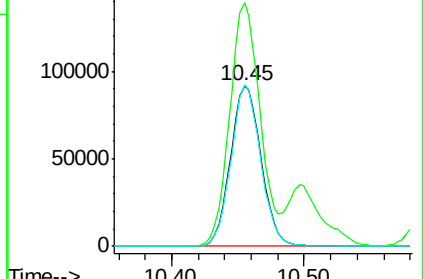
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.71 ug/l

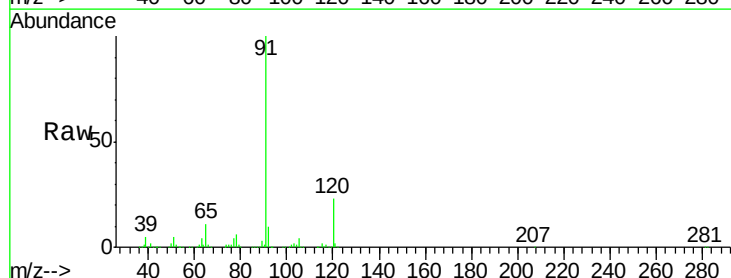
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024825.D

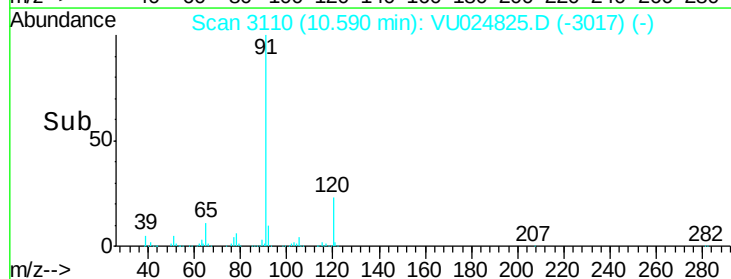
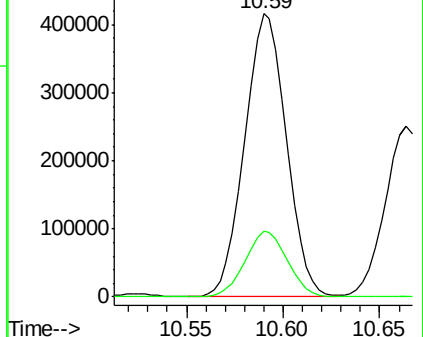
Acq: 21 Jun 2018 20:57

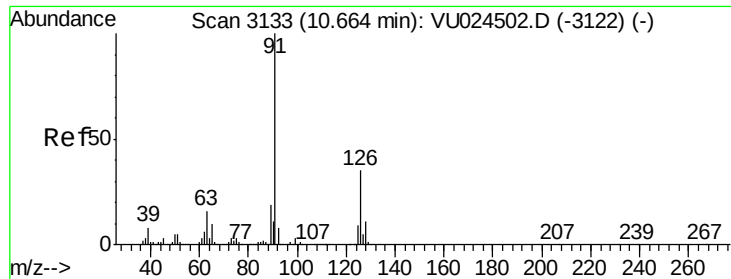
Tgt Ion:	91	Resp:	626517
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





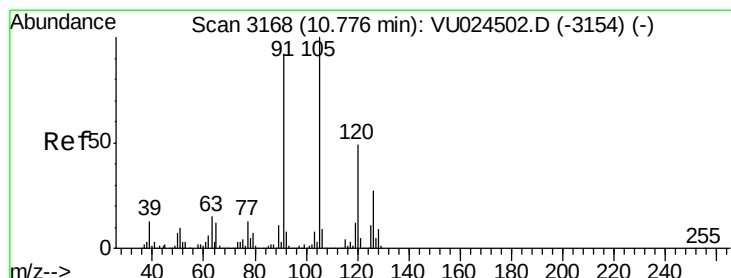
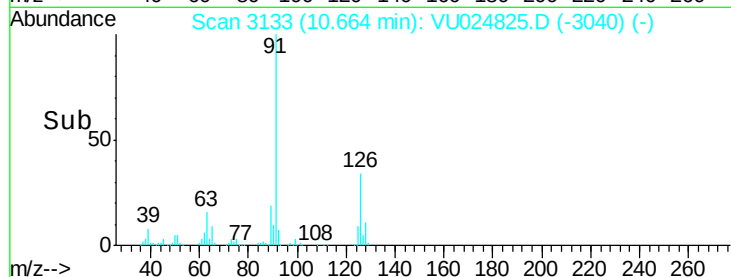
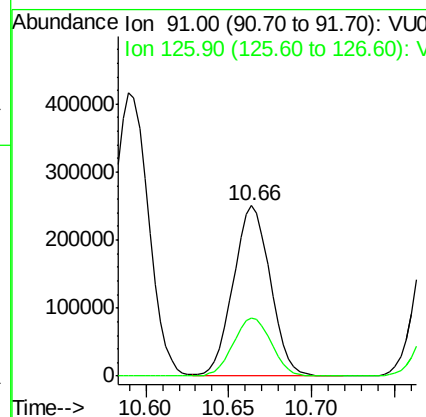
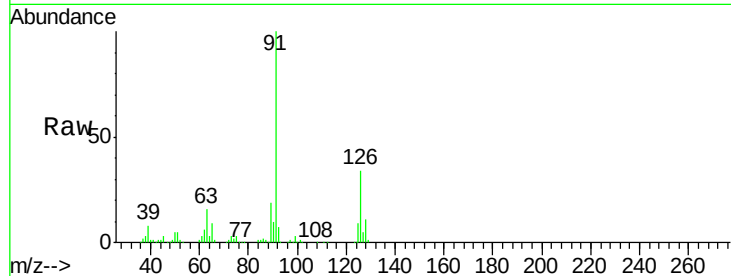
#79
 2-Chlorotoluene
 Concen: 47.19 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion: 91 Resp: 389954
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.9 50.7

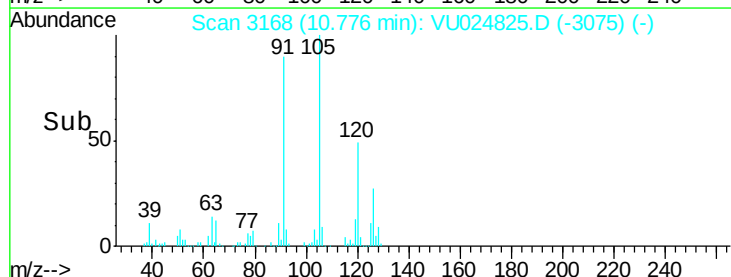
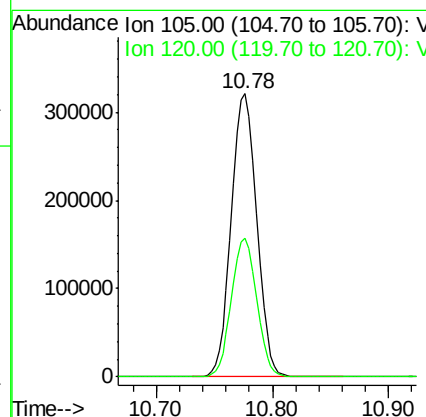
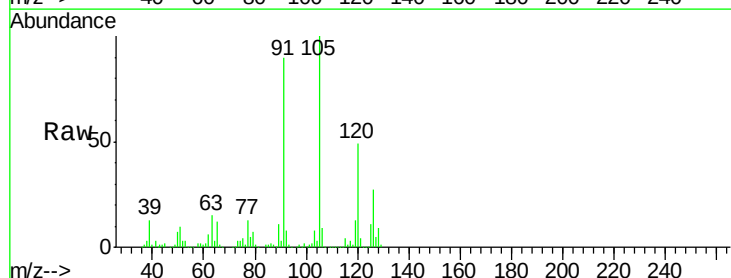
Manual Integrations
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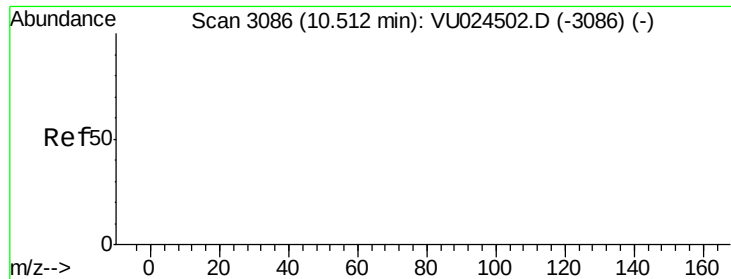
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.13 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion: 105 Resp: 485906
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.2





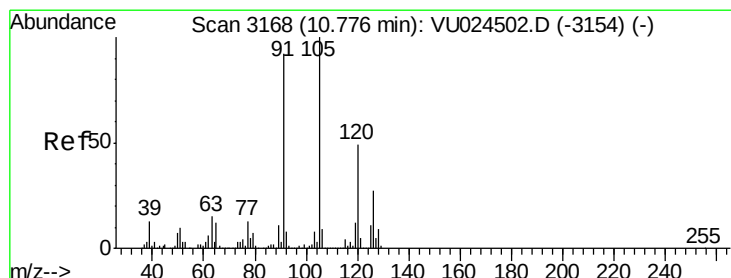
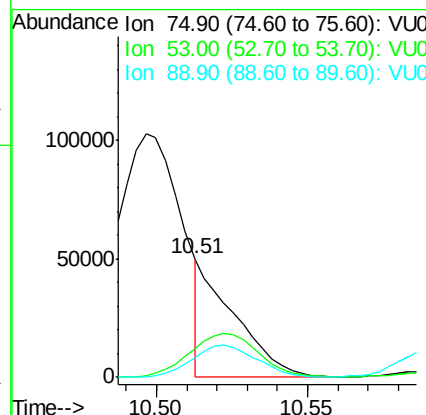
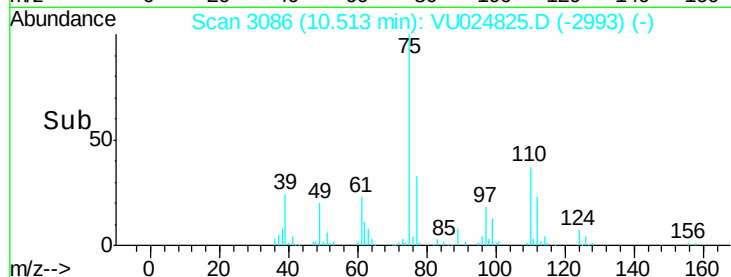
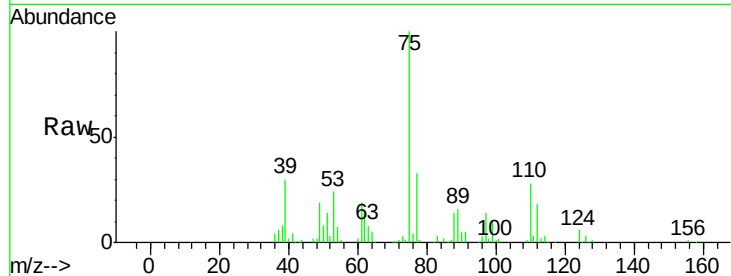
#81
trans-1,4-Dichloro-2-butene
Concen: 27.33 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

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

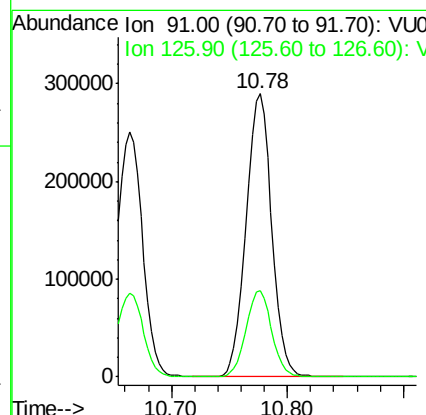
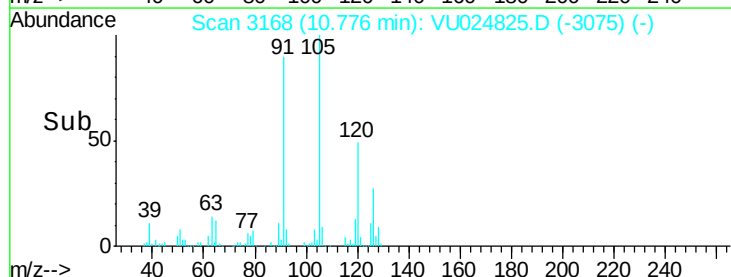
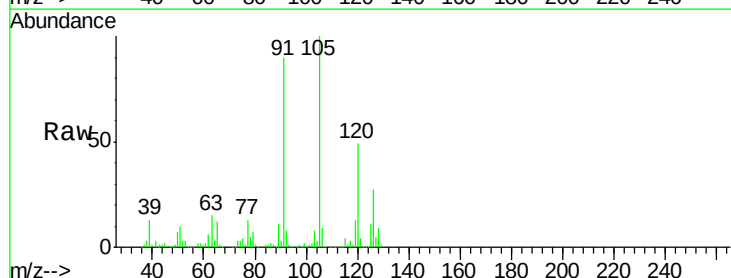
Manual Integrations
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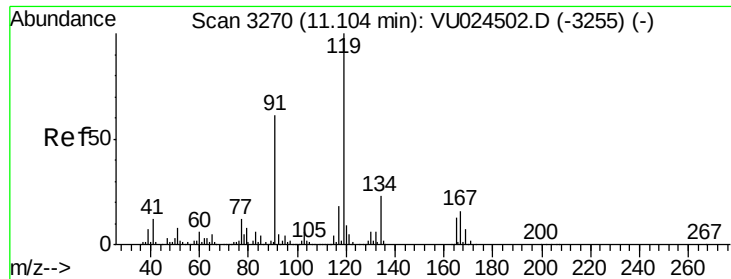
apatel
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#82
4-Chlorotoluene
Concen: 46.10 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	14.9	44.9





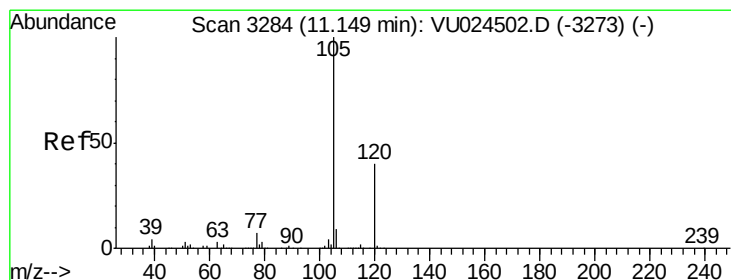
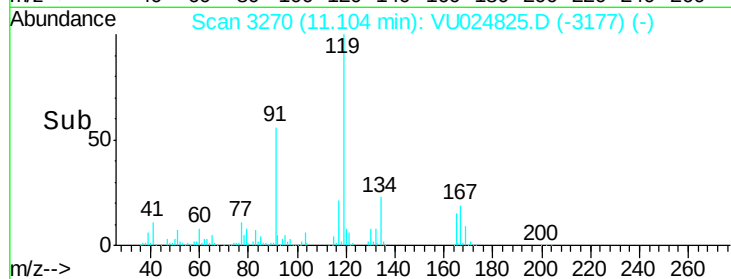
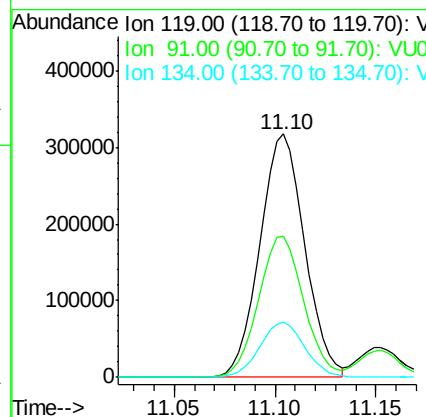
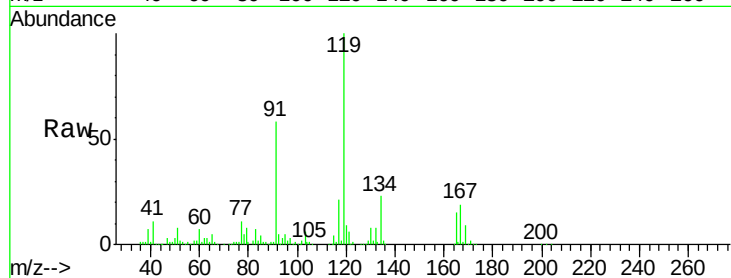
#83
 tert-Butylbenzene
 Concen: 49.62 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	492092		
91	58.4	29.7	89.1	
134	22.8	11.6	34.7	

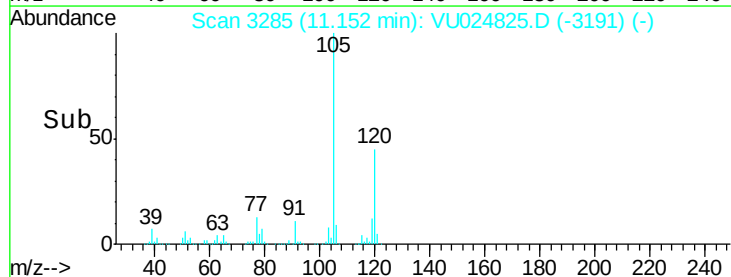
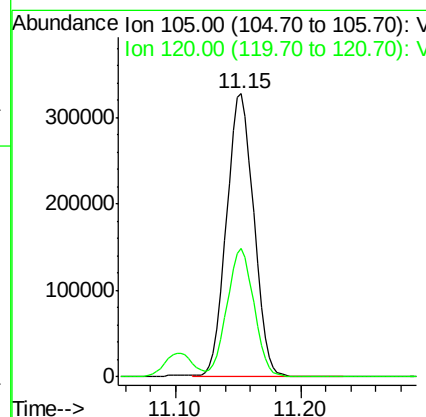
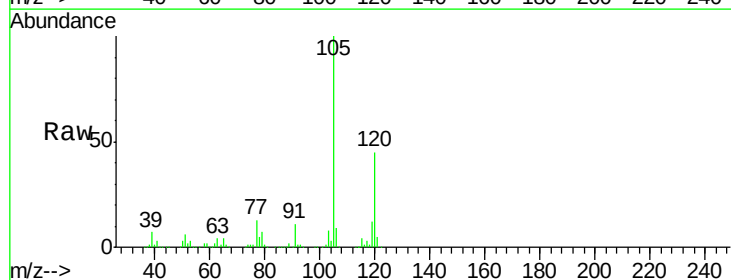
Manual Integrations
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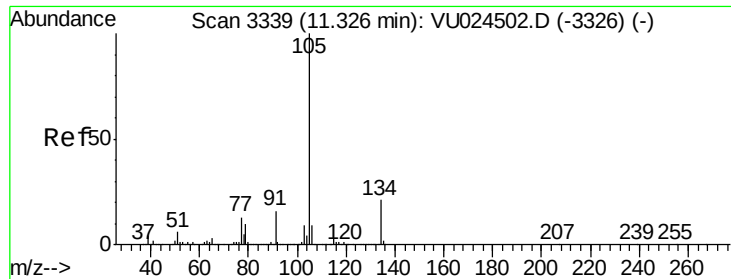
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.06 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	494474		
120	44.9	22.6	67.8	





#85

sec-Butylbenzene

Concen: 45.67 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

Tot Ion:105 Resp: 566948

Ion Ratio Lower Upper

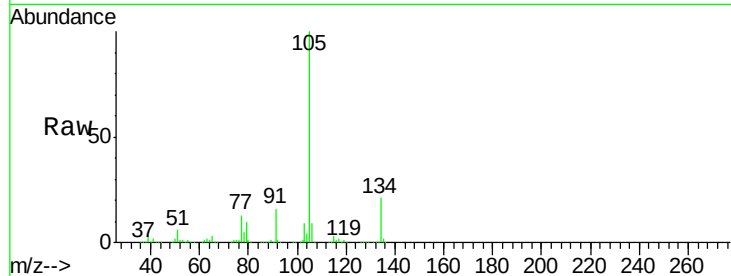
105 100

134 20.9 9.7 29.1

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

400000

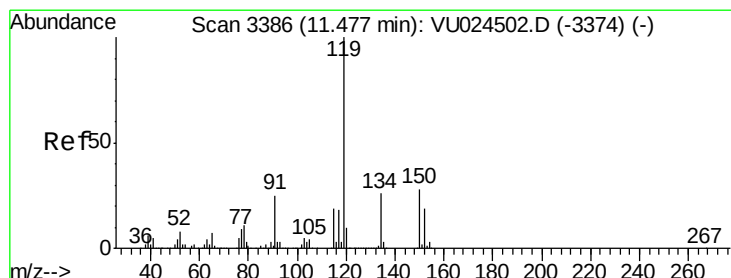
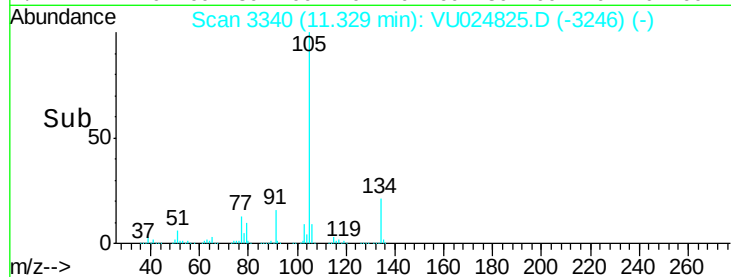
300000

200000

100000

0

Time--> 11.20 11.30 11.40



#86

p-Isopropyltoluene

Concen: 45.11 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

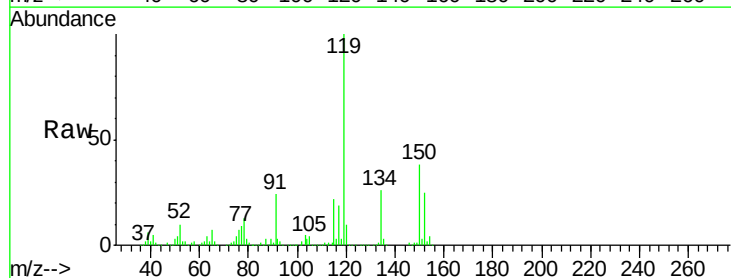
Tgt Ion:119 Resp: 501586

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

91 24.1 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

400000

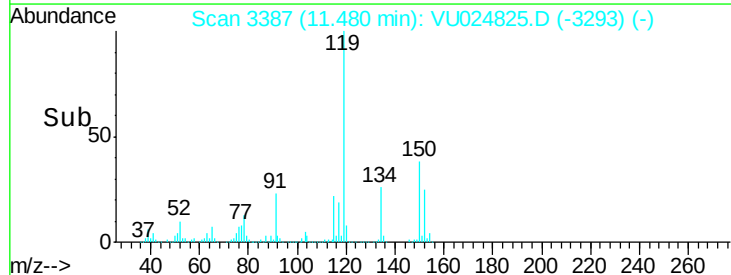
300000

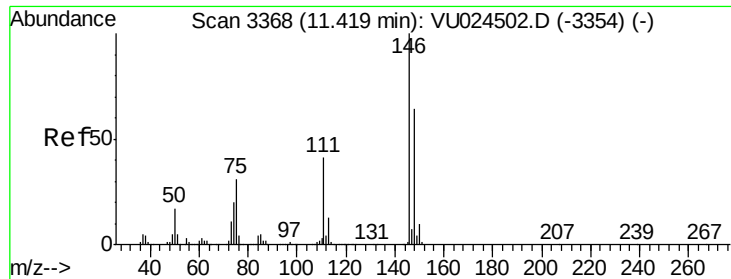
200000

100000

0

Time--> 11.40 11.50





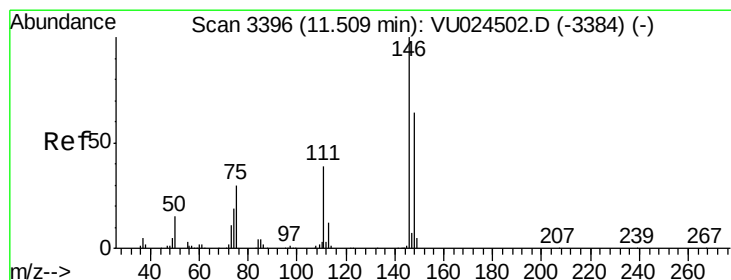
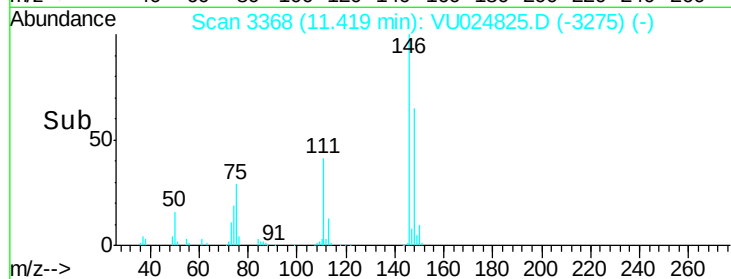
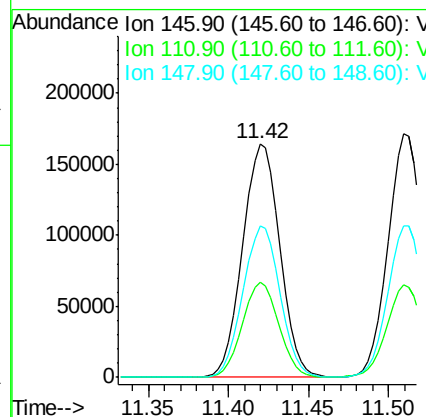
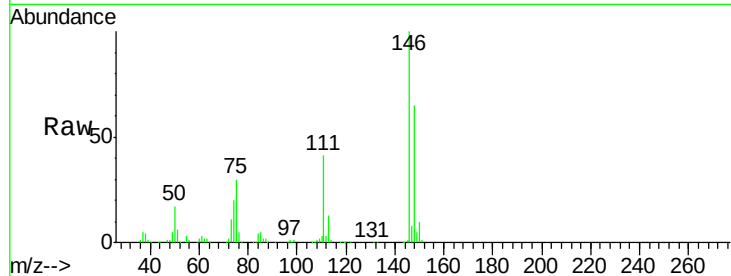
#87
 1,3-Dichlorobenzene
 Concen: 46.83 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.5	32.1	96.5

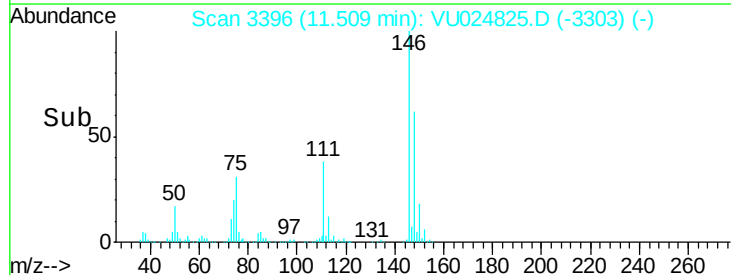
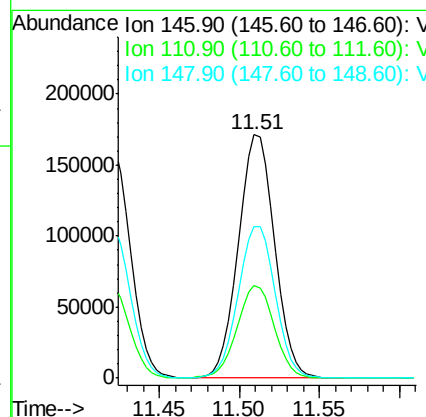
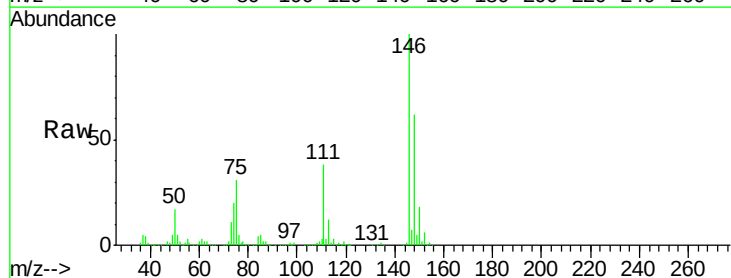
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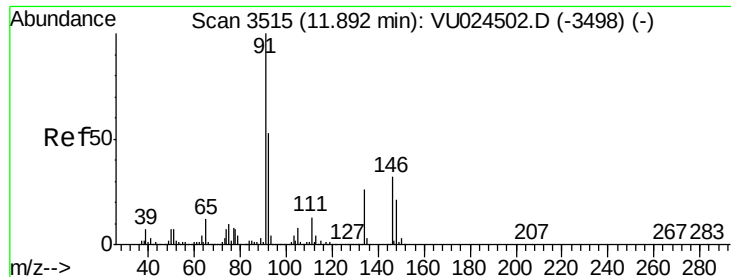
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#88
 1,4-Dichlorobenzene
 Concen: 47.02 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	64.1	32.4	97.0





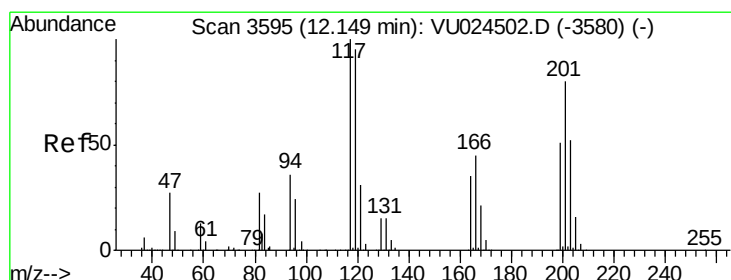
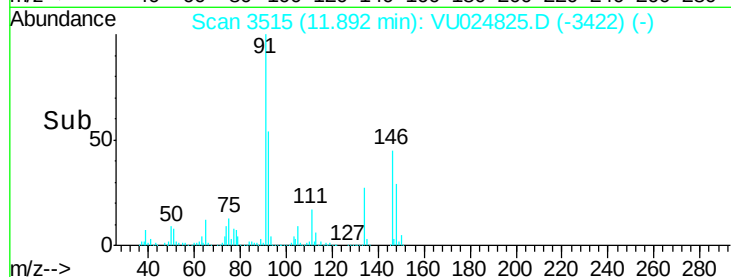
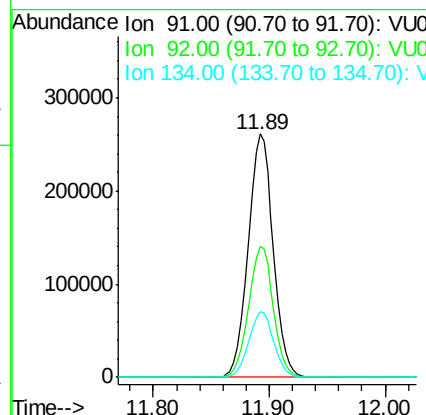
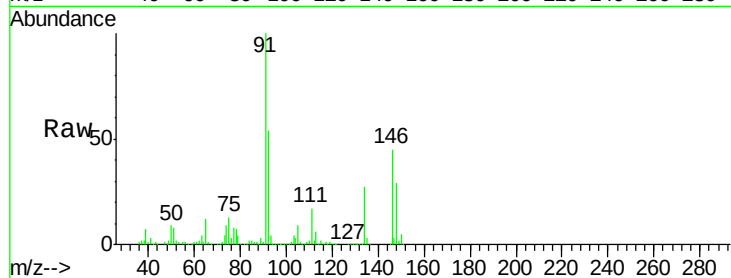
#89
n-Butylbenzene
Concen: 39.51 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	25.6	76.8
134	27.0	12.3	36.8

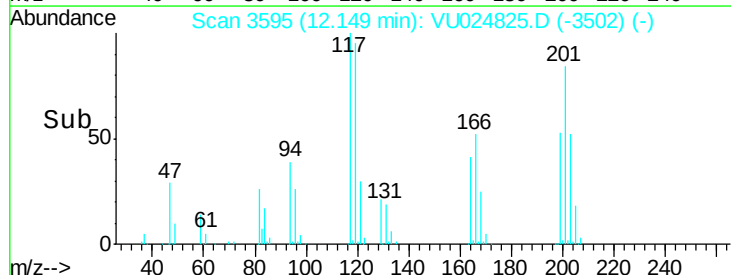
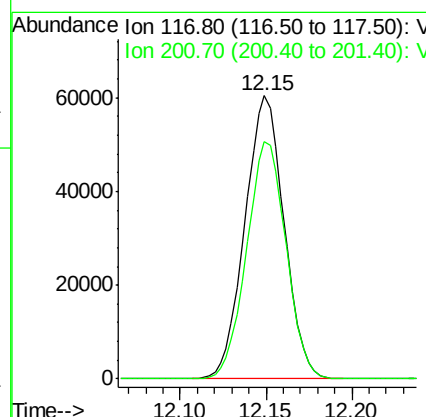
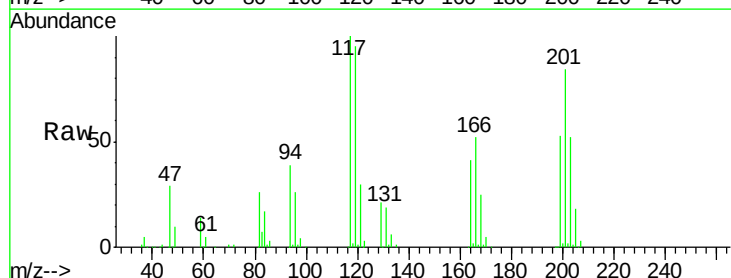
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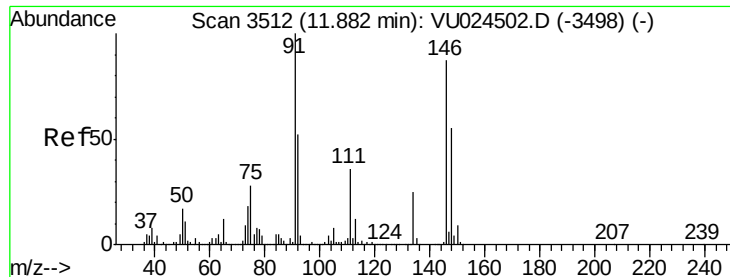
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#90
Hexachloroethane
Concen: 44.01 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.2	41.1	123.3





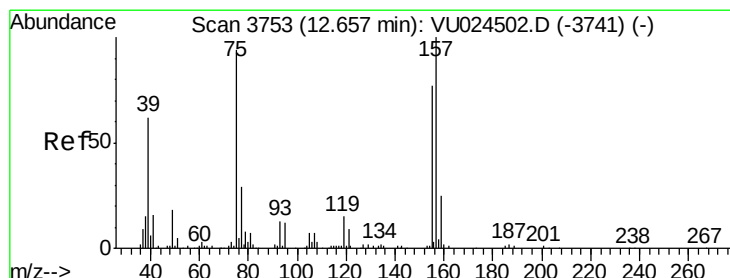
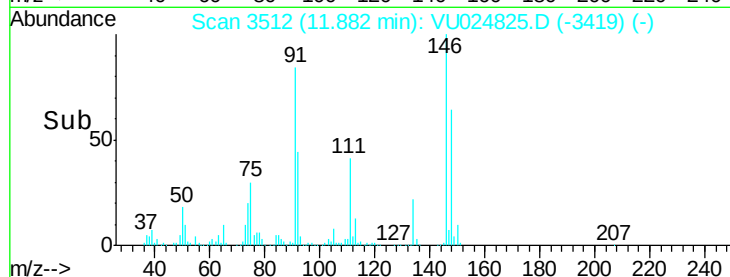
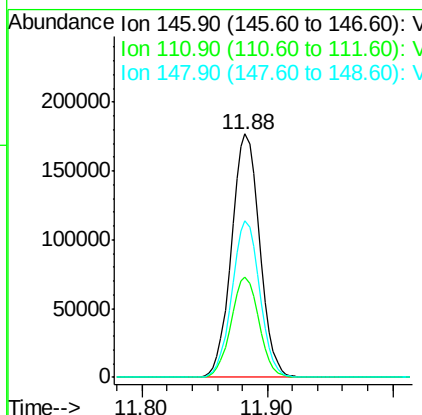
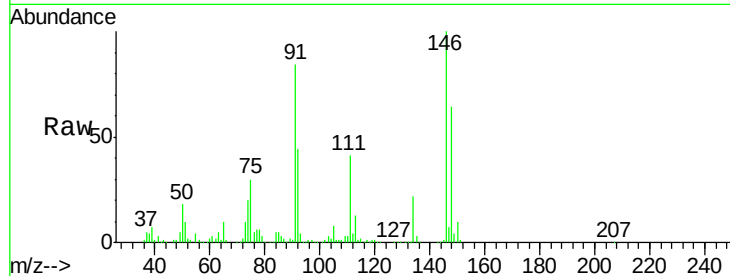
#91
 1,2-Dichlorobenzene
 Concen: 49.46 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.6
148	63.6	31.9	95.7

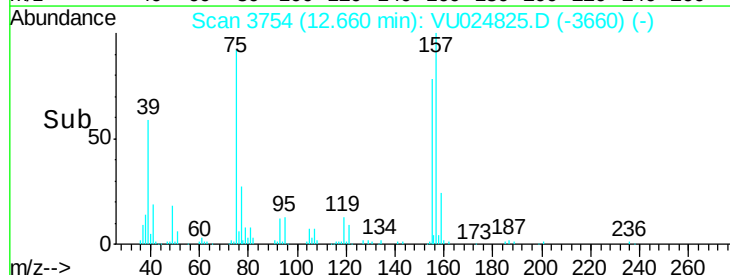
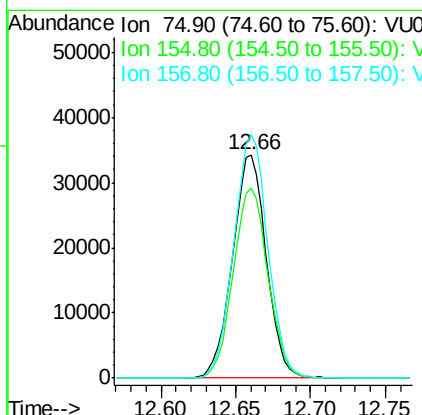
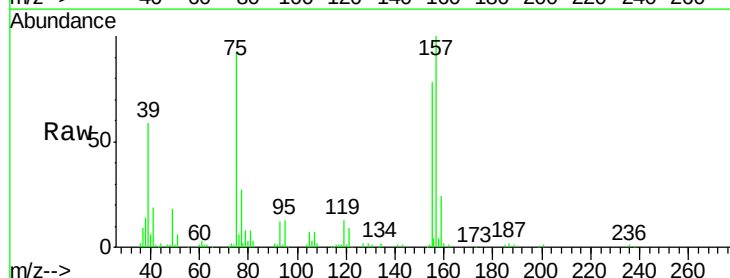
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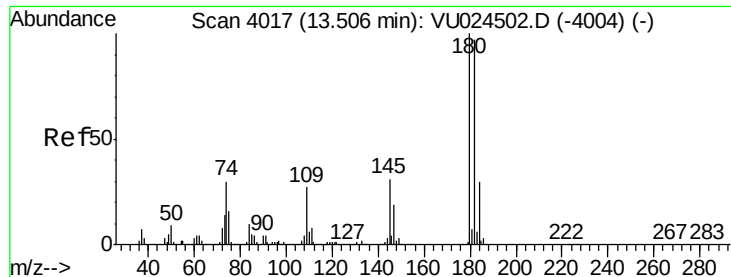
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.03 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	40.4	121.2
157	109.9	52.3	156.8





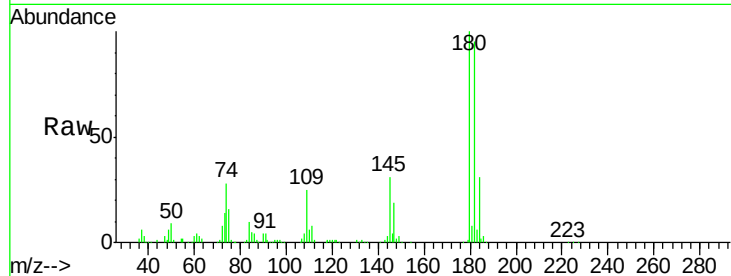
#93
 1,2,4-Trichlorobenzene
 Concen: 49.82 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

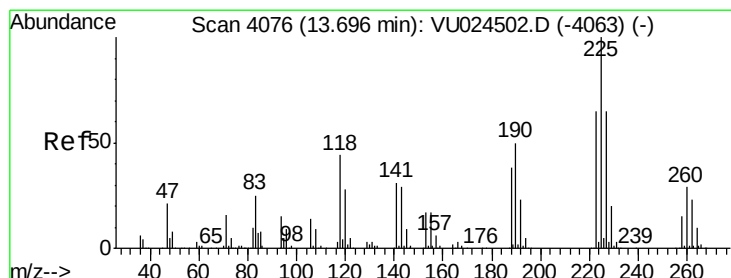
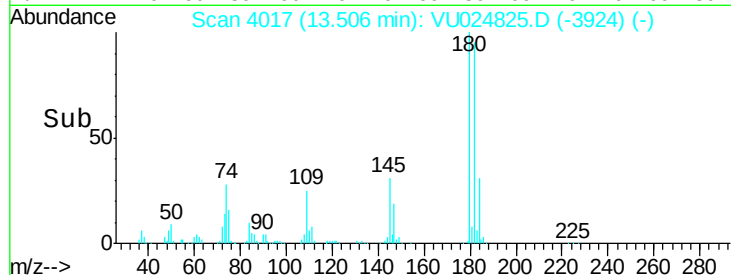
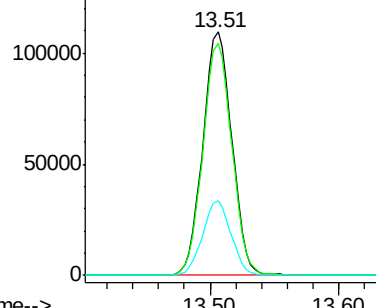
Tot Ion	Ratio	Resp	Lower	Upper
180	100	171456		
182	95.3	48.0	144.2	
145	29.9	14.7	44.1	

Manual Integrations
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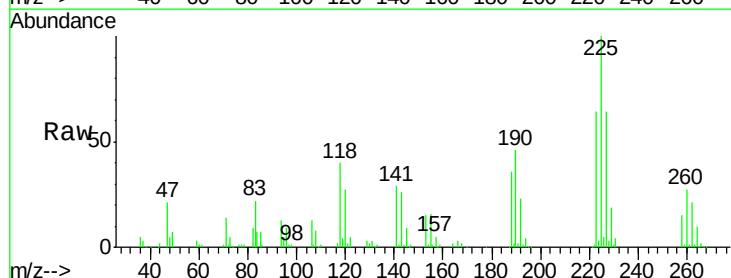


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

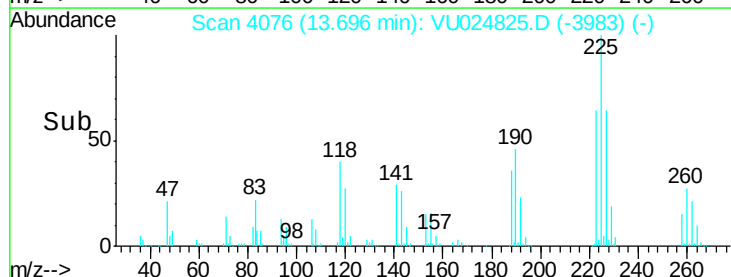
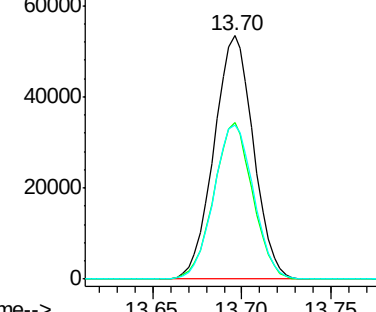


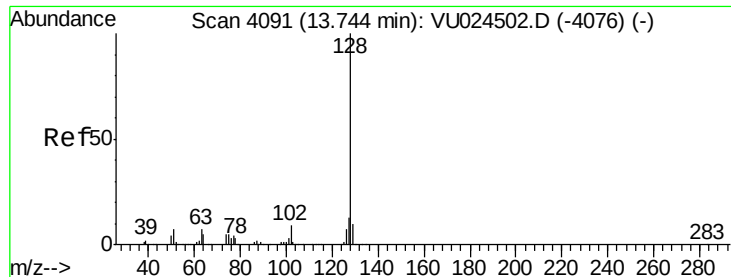
#94
 Hexachlorobutadiene
 Concen: 42.70 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82712		
223	63.2	31.3	93.8	
227	64.0	31.8	95.4	



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: 54.10 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

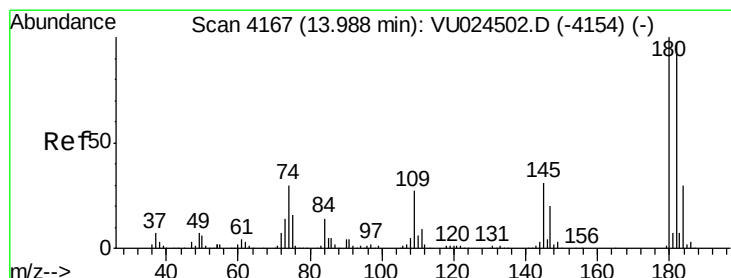
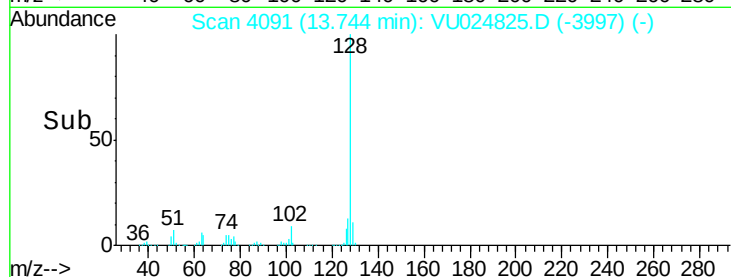
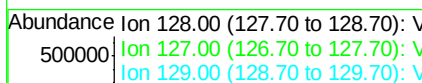
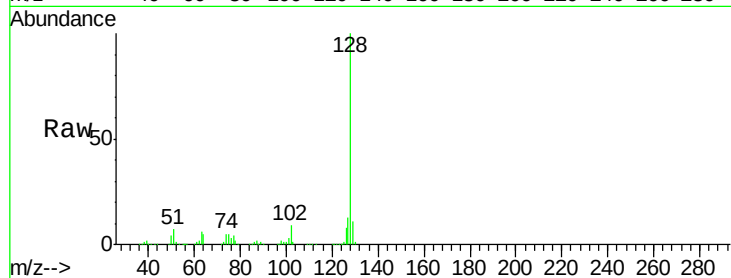
ClientSampleId :

S39-0183MSD

Tot Ion:	128	Resp:	617036
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.8	8.6	12.8

Manual Integrations
APPROVED

apatel
6/22/2018 4:02:17 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.45 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Tgt Ion:	180	Resp:	186704
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.9	143.7
145	31.6	15.4	46.1

