

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024824.D
 Acq On : 21 Jun 2018 20:33
 Operator : MD/SY
 Sample : J3539-04MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MS

Manual Integrations
 APPROVED

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 6/22/2018 4:02:12 PM

Quant Time: Jun 22 05:12:21 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	139180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	235425	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	220077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	122768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	123528	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	4.89	113	99382	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	7.57	98	321720	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
62) 4-Bromofluorobenzene	10.31	95	123147	43.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74882	42.98	ug/l	100
3) Chloromethane	1.33	50	97030	54.52	ug/l	100
4) Vinyl Chloride	1.40	62	93944	51.18	ug/l	99
5) Bromomethane	1.62	94	55084	62.08	ug/l	100
6) Chloroethane	1.69	64	63707	62.37	ug/l	99
7) Trichlorofluoromethane	1.89	101	134533	48.03	ug/l	98
8) Diethyl Ether	2.10	74	60633	64.14	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	62293	35.85	ug/l	97
10) Methyl Iodide	2.41	142	80218	54.06	ug/l	99
11) Tert butyl alcohol	2.82	59	132224	239.27	ug/l	99
12) 1,1-Dichloroethene	2.28	96	75221	47.46	ug/l	92
13) Acrolein	2.19	56	62315	214.74	ug/l	100
14) Allyl chloride	2.59	41	135199m	45.95	ug/l	
15) Acrylonitrile	2.93	53	300048	279.07	ug/l	99
16) Acetone	2.32	43	284467	233.01	ug/l	99
17) Carbon Disulfide	2.48	76	208159	41.02	ug/l	100
18) Methyl Acetate	2.62	43	86849	33.18	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	329577	55.32	ug/l	97
20) Methylene Chloride	2.70	84	97784	51.05	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	82755	47.41	ug/l	98
22) Diisopropyl ether	3.57	45	319140	54.71	ug/l	98
23) Vinyl Acetate	3.53	43	767652	146.91	ug/l	99
24) 1,1-Dichloroethane	3.45	63	176867	52.71	ug/l	100
25) 2-Butanone	4.26	43	435821	265.77	ug/l	95
26) 2,2-Dichloropropane	4.23	77	31111	9.76	ug/l #	75
27) cis-1,2-Dichloroethene	4.23	96	111777	55.70	ug/l	91
28) Bromochloromethane	4.55	49	81944	55.44	ug/l	89
29) Tetrahydrofuran	4.64	42	280634	276.35	ug/l	97
30) Chloroform	4.68	83	187099	55.09	ug/l	100
31) Cyclohexane	5.00	56	117847	39.12	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	155395	49.48	ug/l	98
36) 1,1-Dichloropropene	5.14	75	112099	40.52	ug/l	98
37) Ethyl Acetate	4.38	43	99809	33.10	ug/l	98
38) Carbon Tetrachloride	5.14	117	130544	42.91	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	97549	28.26	ug/l	95
40) Benzene	5.39	78	376874	47.81	ug/l	99
41) Methacrylonitrile	4.55	41	89264	54.91	ug/l	97
42) 1,2-Dichloroethane	5.41	62	160272	53.38	ug/l	100
43) Isopropyl Acetate	5.55	43	193655	37.16	ug/l	99
44) Trichloroethene	6.19	130	128298	57.19	ug/l	97
45) 1,2-Dichloropropane	6.44	63	106875	50.81	ug/l	98
46) Dibromomethane	6.56	93	78299	53.00	ug/l	95
47) Bromodichloromethane	6.76	83	147582	50.17	ug/l	99
48) Methyl methacrylate	6.62	41	133187	52.48	ug/l	96
49) 1,4-Dioxane	6.61	88	58271	1174.07	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	871939	266.29	ug/l	99
52) Toluene	7.64	92	231471	45.64	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	124643	37.73	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	130832	37.16	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	106993	51.90	ug/l	99
56) Ethyl methacrylate	8.02	69	176132	51.05	ug/l	98
57) 1,3-Dichloropropane	8.25	76	183385	52.73	ug/l	99
59) 2-Hexanone	8.36	43	695245	260.08	ug/l	100
60) Dibromochloromethane	8.48	129	127803	49.72	ug/l	98
61) 1,2-Dibromoethane	8.59	107	117159	51.06	ug/l	97
64) Tetrachloroethene	8.23	164	76164	36.41	ug/l	98
65) Chlorobenzene	9.12	112	262806	46.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	105570	49.42	ug/l	97
67) Ethyl Benzene	9.25	91	427368	43.36	ug/l	97
68) m/p-Xylenes	9.38	106	328993	86.93	ug/l	98
69) o-Xylene	9.78	106	172640	46.09	ug/l	97
70) Styrene	9.80	104	279383	45.39	ug/l	99
71) Bromoform	9.96	173	102340	50.41	ug/l #	97
73) Isopropylbenzene	10.17	105	418038	44.35	ug/l	98
74) N-amyl acetate	10.01	43	139395	31.09	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	186592	59.08	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	150697m	55.75	ug/l	
77) Bromobenzene	10.45	156	124048	51.99	ug/l	94
78) n-propylbenzene	10.59	91	452010	40.71	ug/l	97
79) 2-Chlorotoluene	10.66	91	302782	46.24	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	362900	44.42	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	35779m	30.64	ug/l	
82) 4-Chlorotoluene	10.77	91	341488	44.81	ug/l	99
83) tert-Butylbenzene	11.10	119	364075	46.33	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	378047	45.41	ug/l	100
85) sec-Butylbenzene	11.33	105	395442	40.20	ug/l	98
86) p-Isopropyltoluene	11.48	119	351751	39.93	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	205046	46.51	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	204457	46.08	ug/l	99
89) n-Butylbenzene	11.89	91	262474	33.56	ug/l	98
90) Hexachloroethane	12.15	117	68472	39.84	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	222729	50.44	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	48168	55.27	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	129589	47.52	ug/l	100

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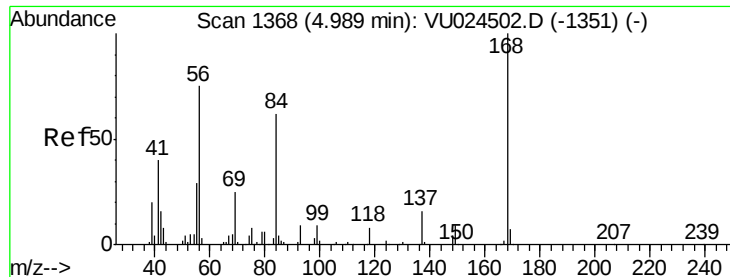
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	51080	33.28	ug/l	98
95) Naphthalene	13.74	128	515046	56.96	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	143773	52.91	ug/l	98

(#) = 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: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MS

Tot Ion:168 Resp: 139180

Ion Ratio Lower Upper

168 100

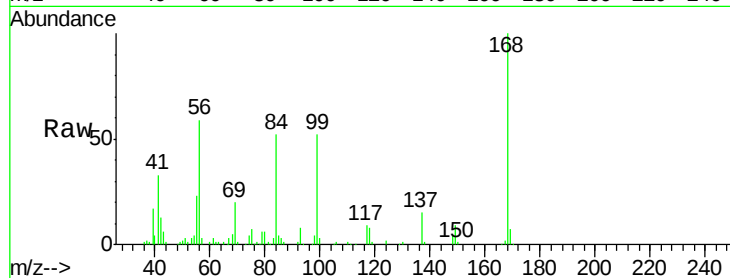
99 52.0 43.2 64.8

Manual Integrations

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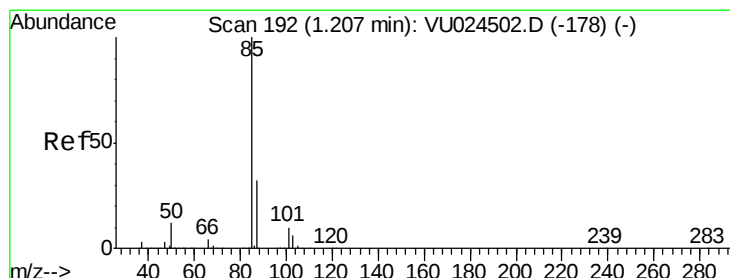
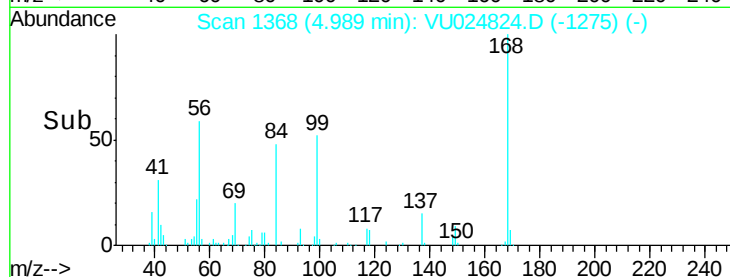
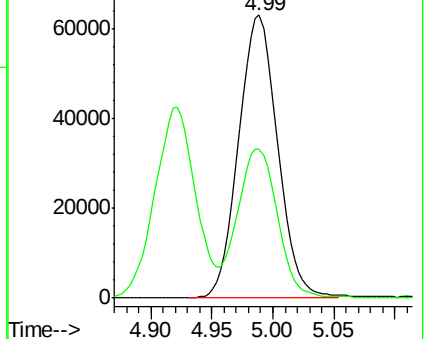
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 42.98 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024824.D

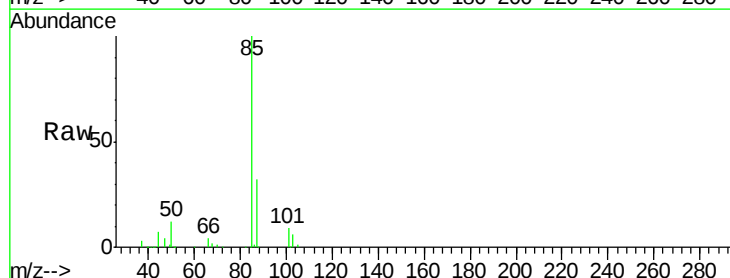
Acq: 21 Jun 2018 20:33

Tgt Ion: 85 Resp: 74882

Ion Ratio Lower Upper

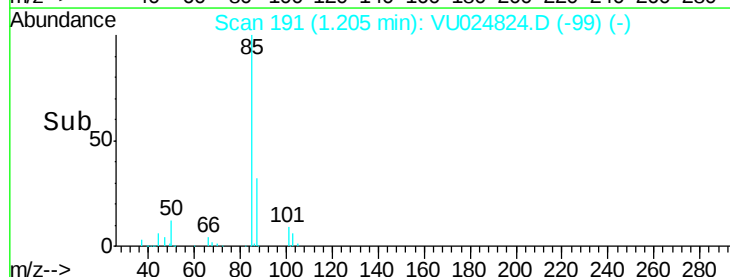
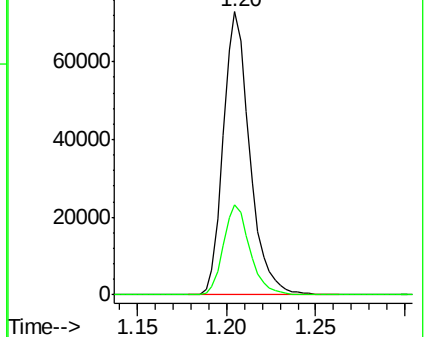
85 100

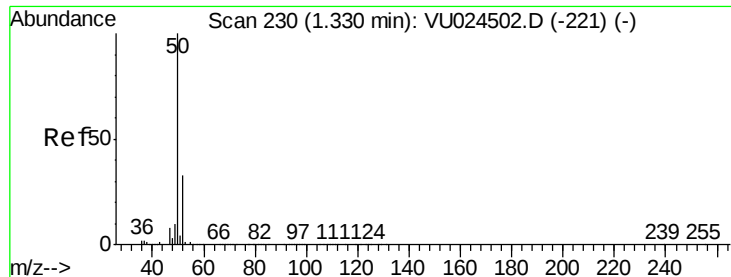
87 32.0 16.1 48.2



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: 54.52 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

ClientSampled :

S39-0183MS

Tot Ion: 50 Resp: 97030

Ion Ratio Lower Upper

50 100

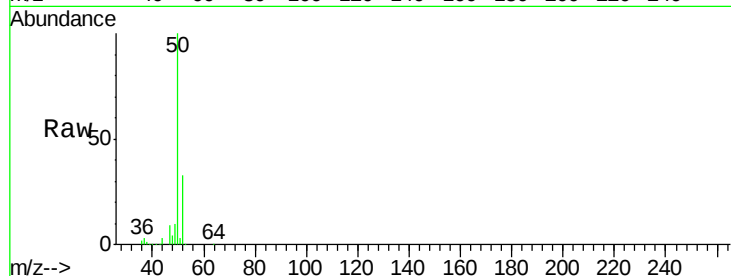
52 32.8 26.4 39.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

100000

80000

60000

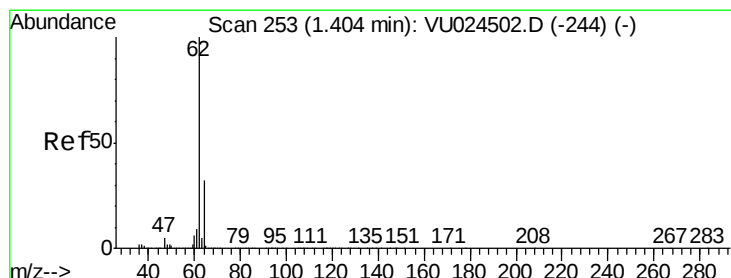
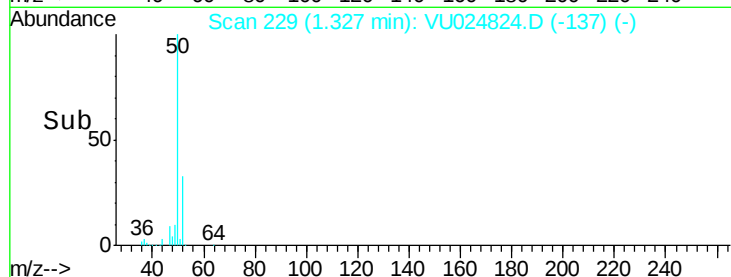
40000

20000

0

Time-->

1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 51.18 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024824.D

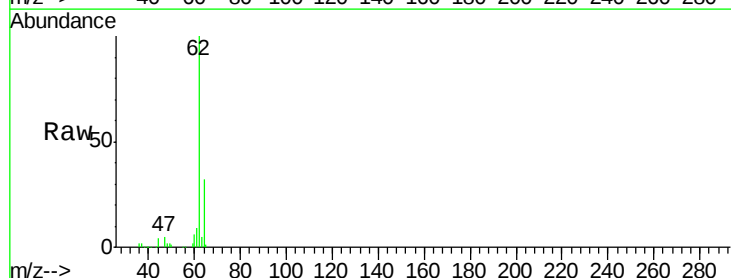
Acq: 21 Jun 2018 20:33

Tgt Ion: 62 Resp: 93944

Ion Ratio Lower Upper

62 100

64 31.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

100000

80000

60000

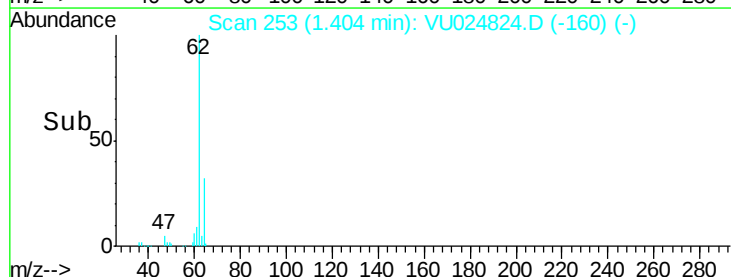
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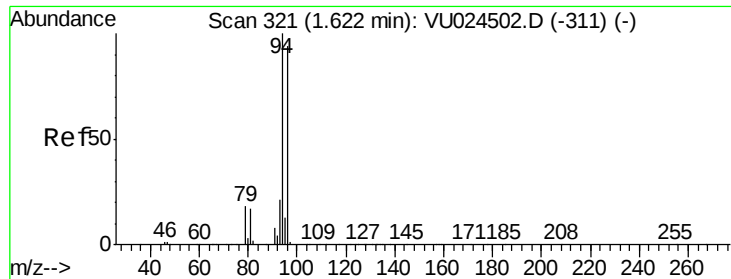
20000

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: 62.08 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MS

Tot Ion: 94 Resp: 55084

Ion Ratio Lower Upper

94 100

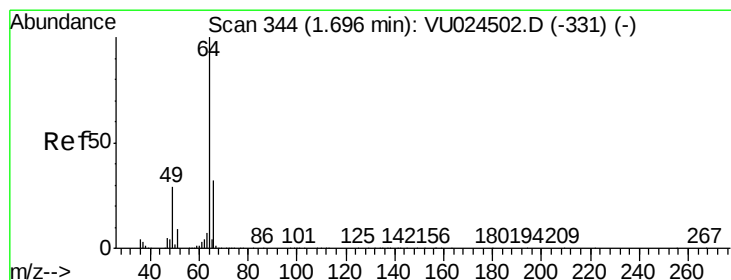
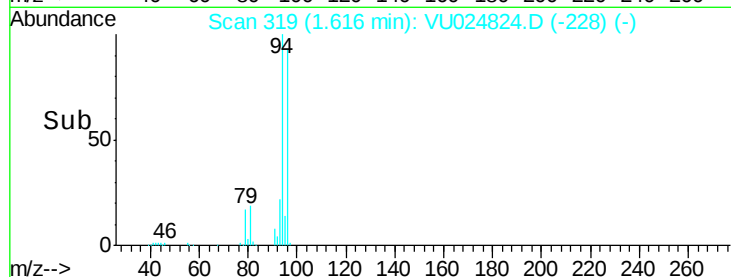
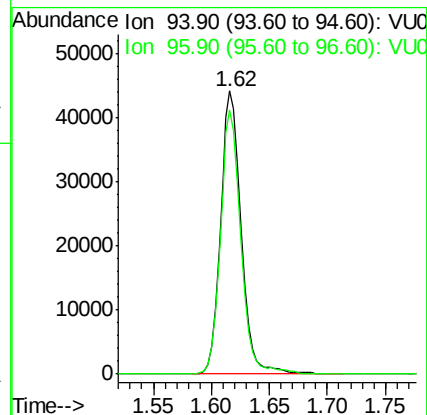
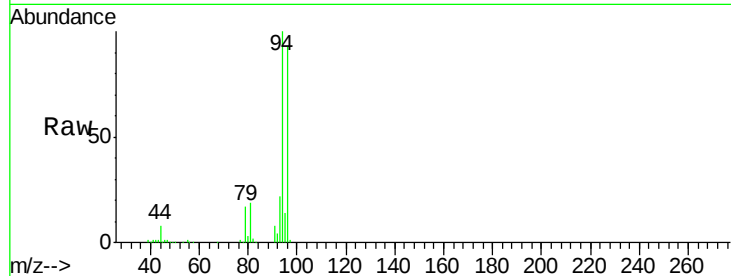
96 93.3 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 62.37 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024824.D

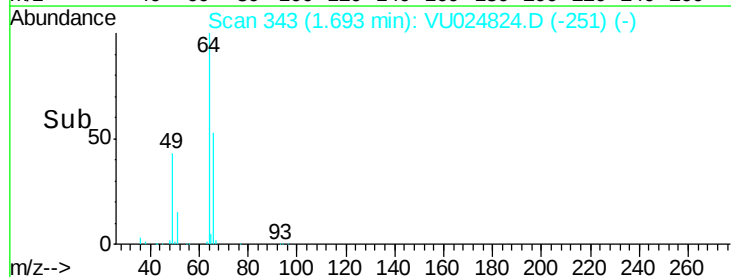
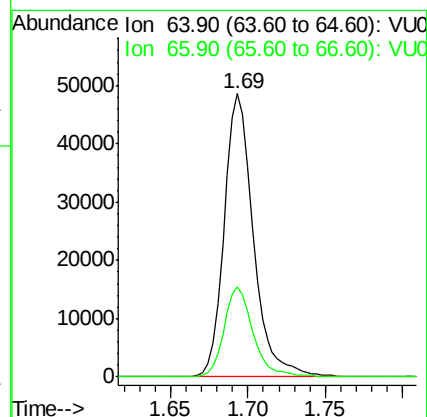
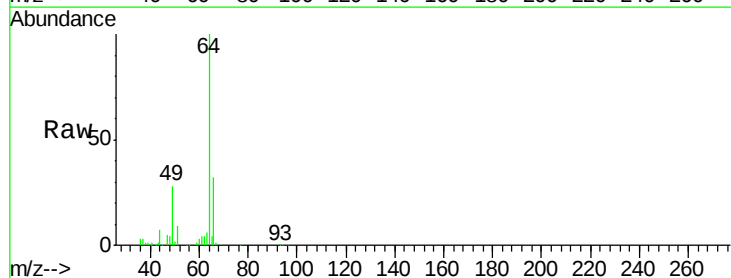
Acq: 21 Jun 2018 20:33

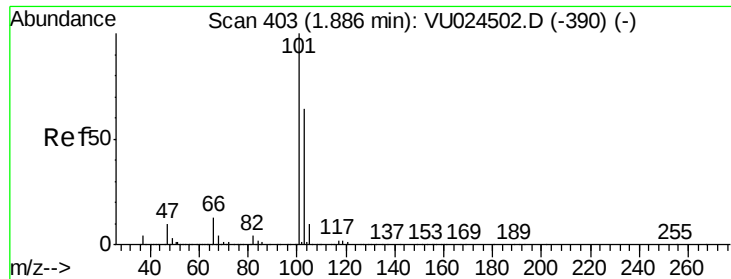
Tgt Ion: 64 Resp: 63707

Ion Ratio Lower Upper

64 100

66 31.6 25.5 38.3





#7

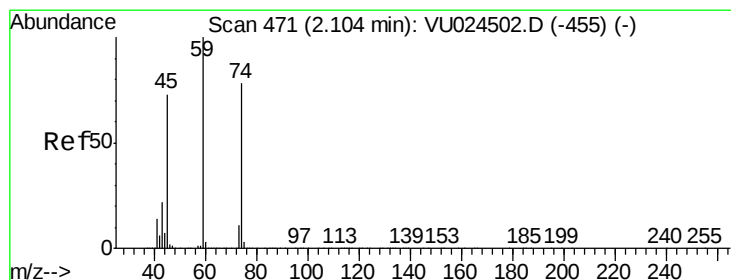
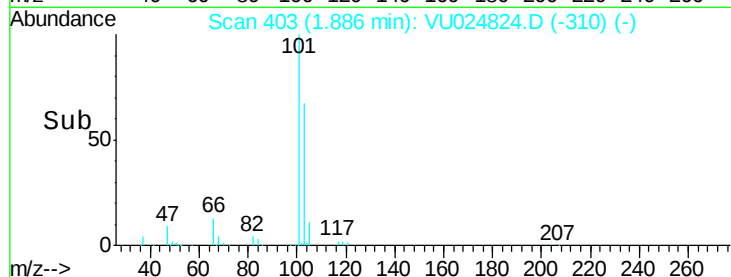
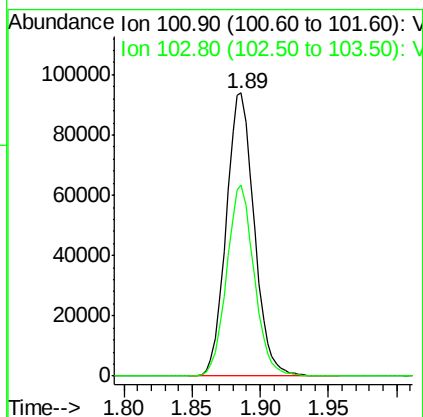
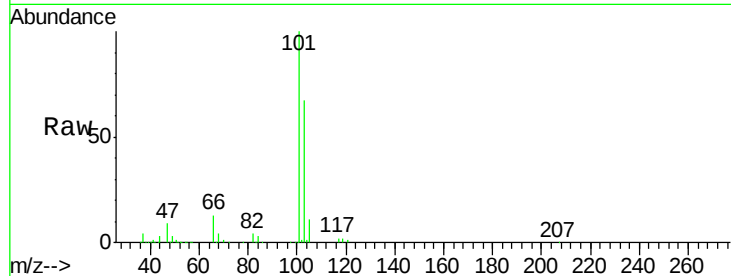
Trichlorofluoromethane
Concen: 48.03 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

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ClientSampled :
S39-0183MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	52.3	78.5

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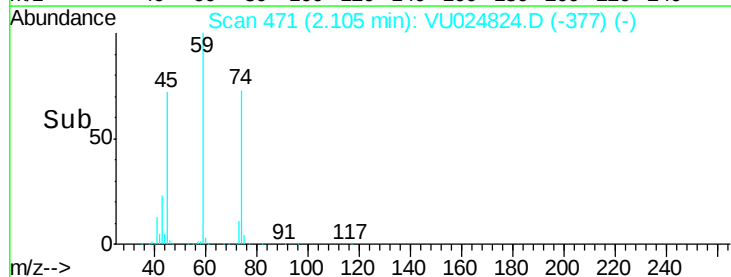
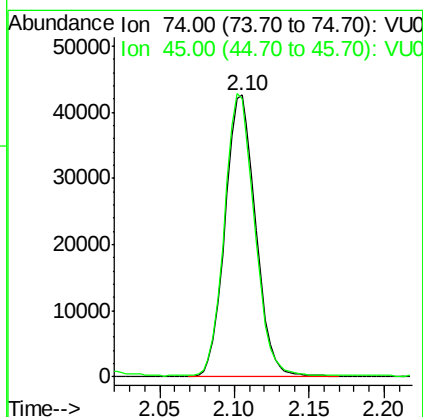
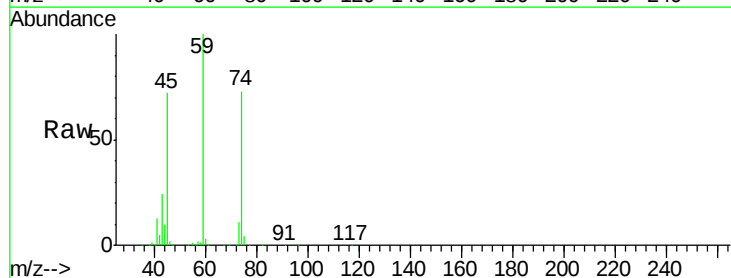
apatel
6/22/2018 4:02:12 PM

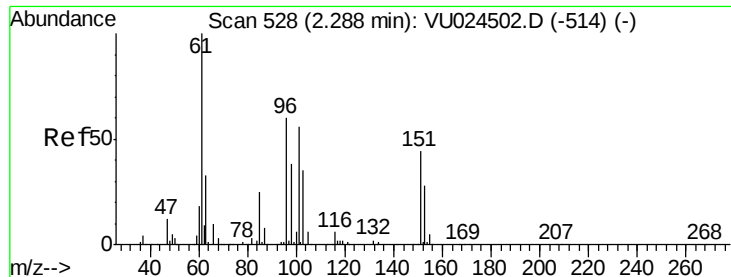


#8

Diethyl Ether
Concen: 64.14 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 35.85 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

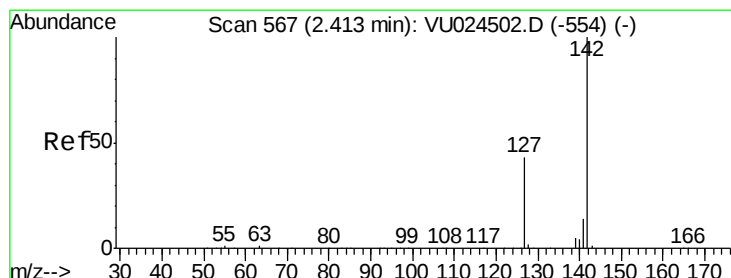
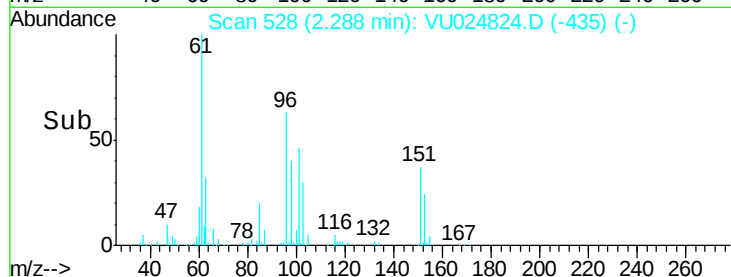
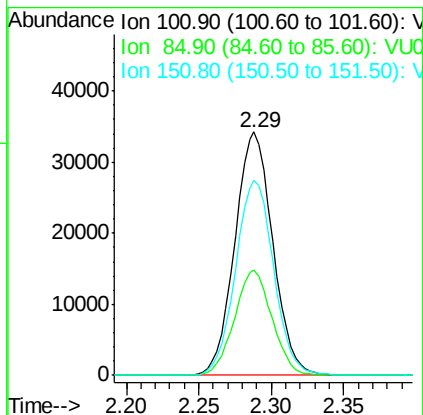
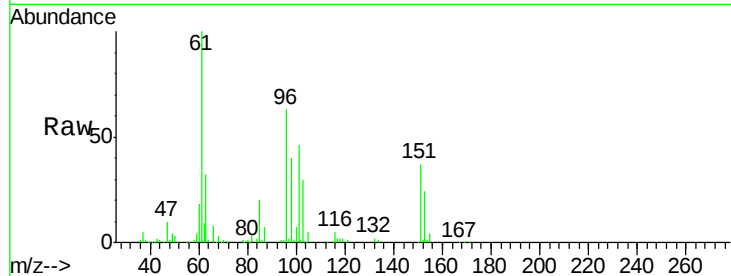
ClientSampleId :

S39-0183MS

Tot Ion:	101	Resp:	62293
Ion Ratio	Lower	Upper	
101	100		
85	42.7	36.0	54.0
151	80.6	62.3	93.5

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#10

Methyl Iodide

Concen: 54.06 ug/l

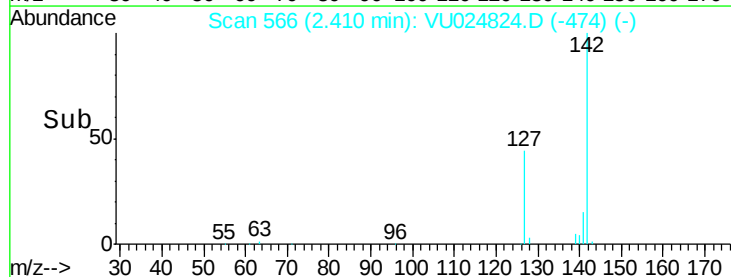
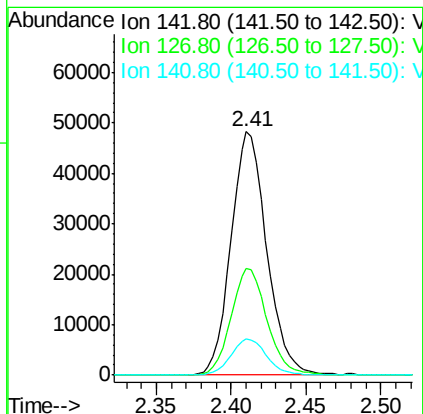
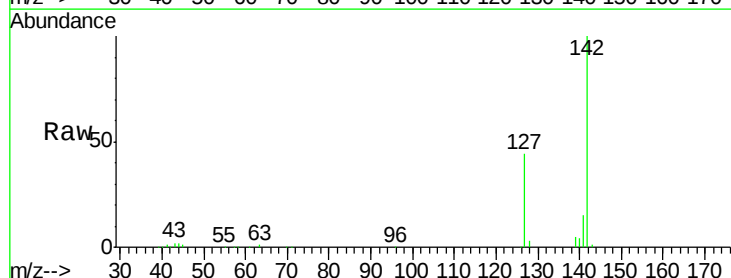
RT: 2.41 min Scan# 566

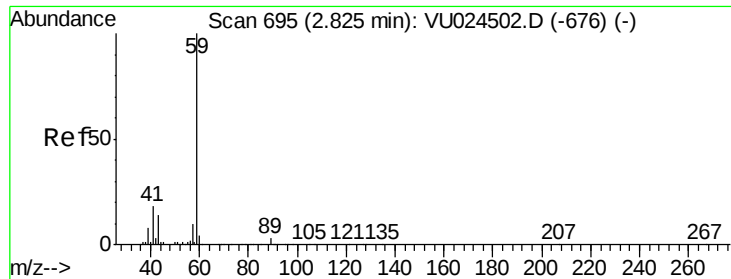
Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion:	142	Resp:	80218
Ion Ratio	Lower	Upper	
142	100		
127	44.0	35.6	53.4
141	14.7	11.7	17.5





#11

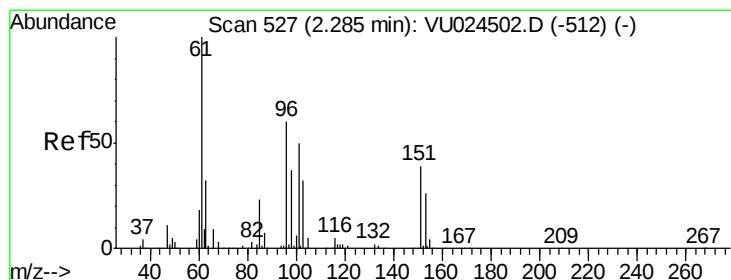
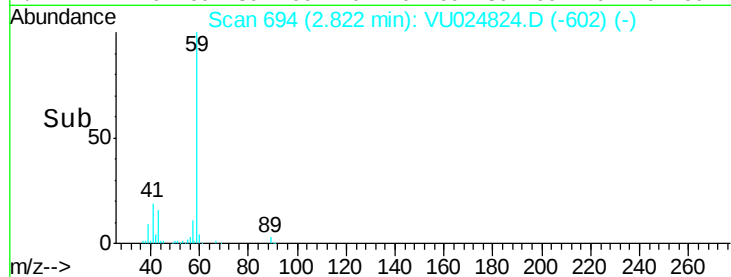
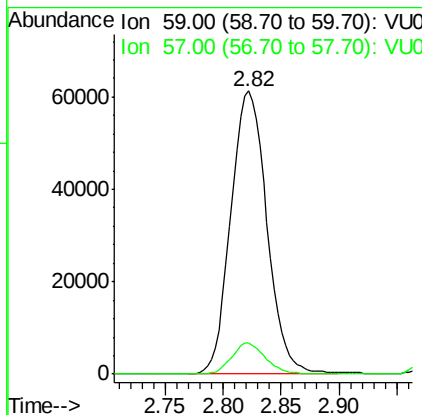
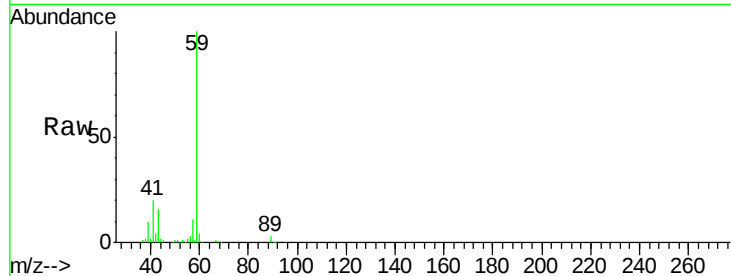
Tert butyl alcohol
 Concen: 239.27 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MS

Tot Ion	59	Resp	132224
Ion Ratio	100	Lower	Upper
57	10.4	8.5	12.7

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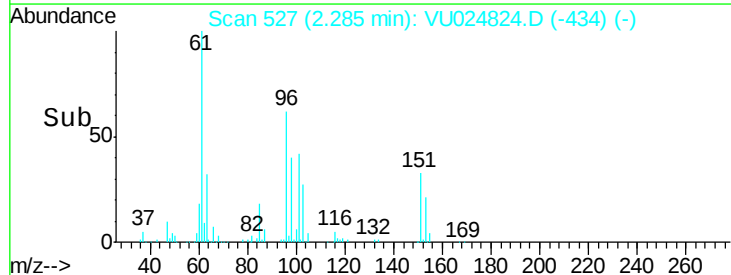
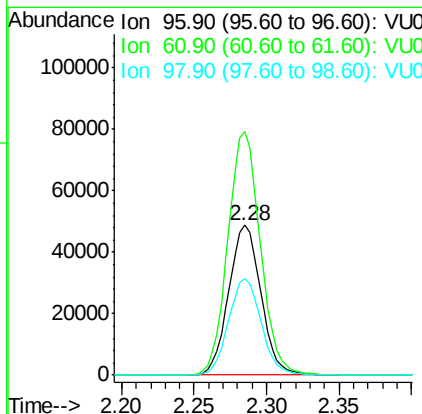
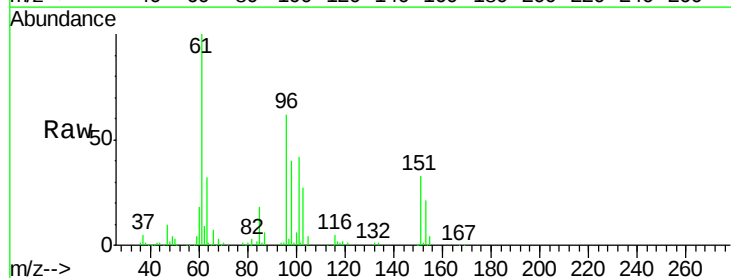
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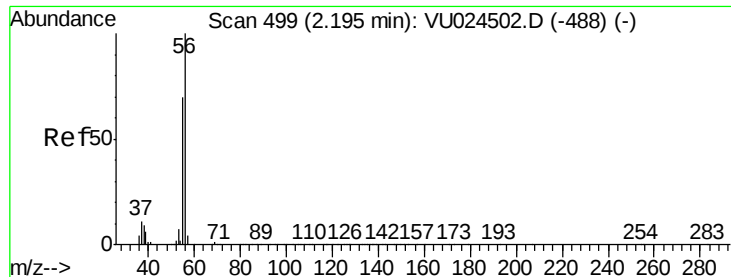


#12

1,1-Dichloroethene
 Concen: 47.46 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Tgt Ion	96	Resp	75221
Ion Ratio	100	Lower	Upper
61	162.5	141.7	212.5
98	64.3	51.6	77.4





#13

Acrolein

Concen: 214.74 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MS

Tot Ion: 56 Resp: 62315

Ion Ratio Lower Upper

56 100

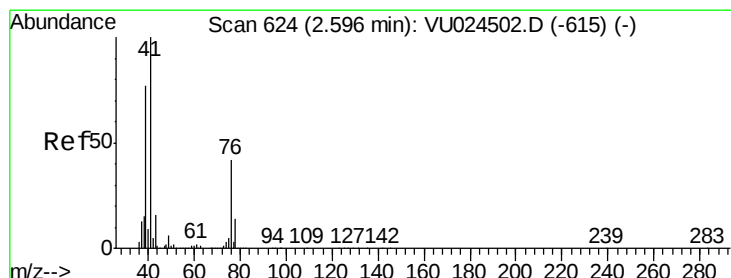
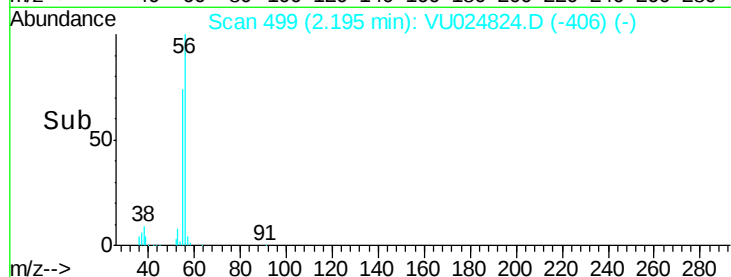
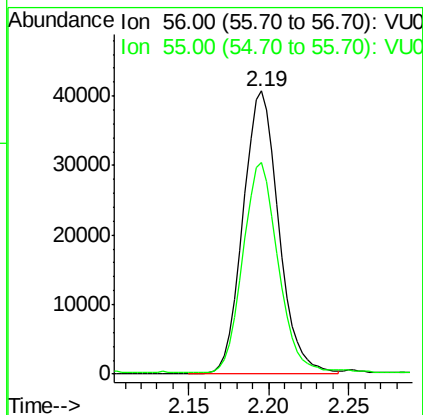
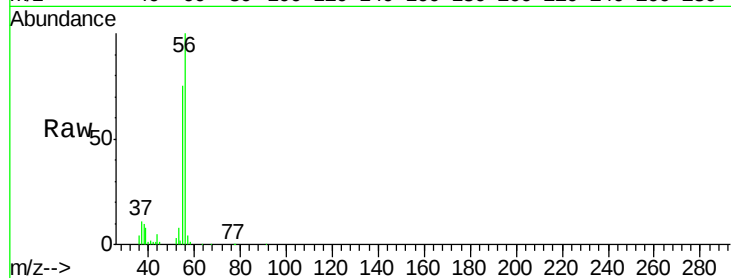
55 72.6 58.4 87.6

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#14

Allyl chloride

Concen: 45.95 ug/l m

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

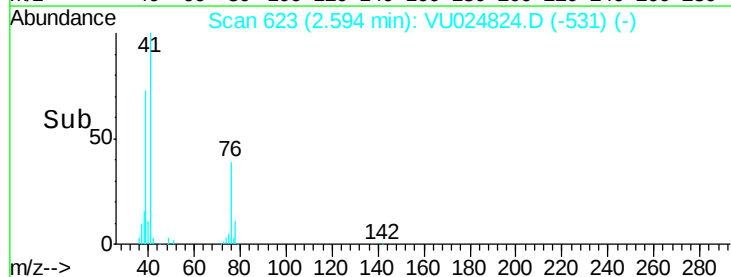
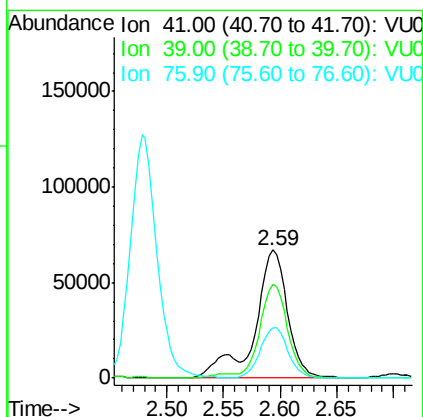
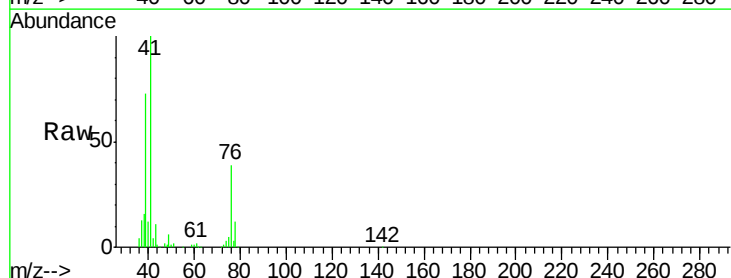
Tgt Ion: 41 Resp: 135199

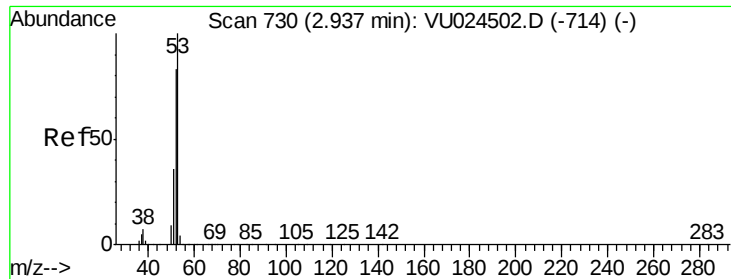
Ion Ratio Lower Upper

41 100

39 60.7 61.6 92.4#

76 32.8 29.7 44.5





#15

Acrylonitrile

Concen: 279.07 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

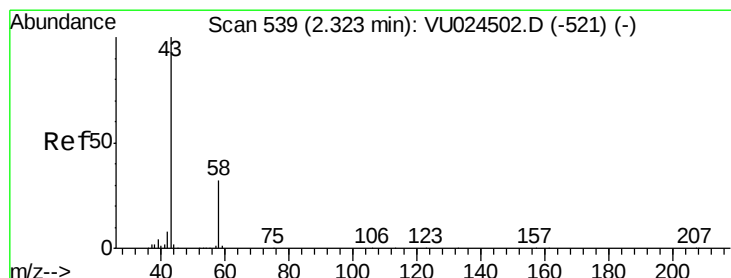
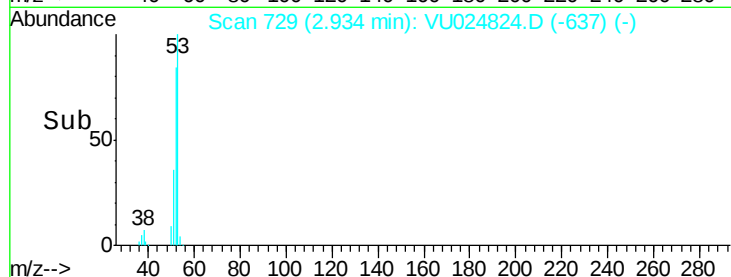
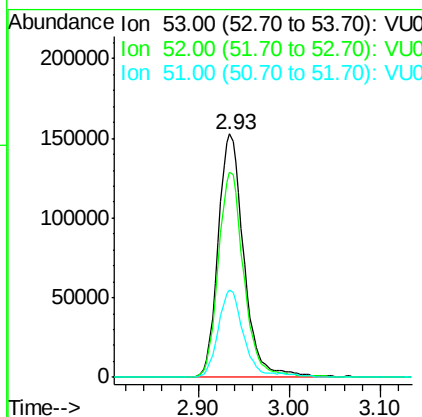
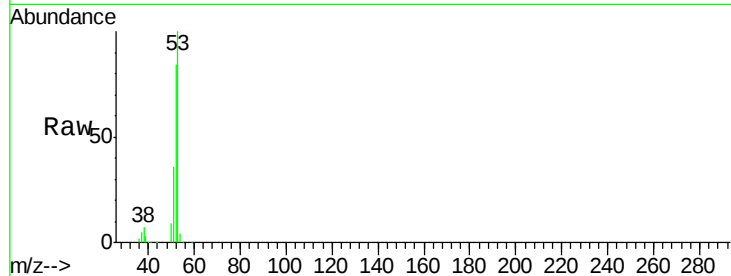
ClientSampleId :

S39-0183MS

Tot Ion:	53	Resp:	300048
Ion Ratio	Lower	Upper	
53	100		
52	83.6	67.1	100.7
51	34.7	28.4	42.6

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#16

Acetone

Concen: 233.01 ug/l

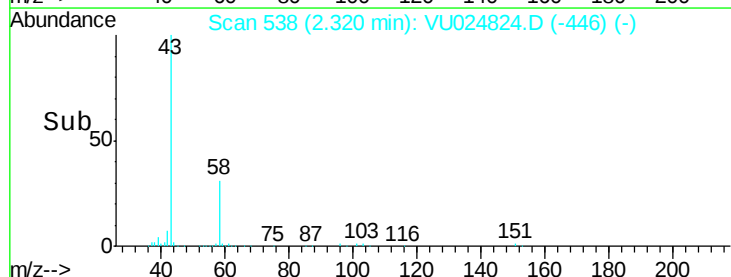
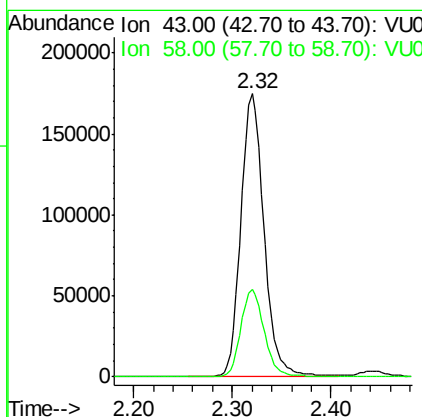
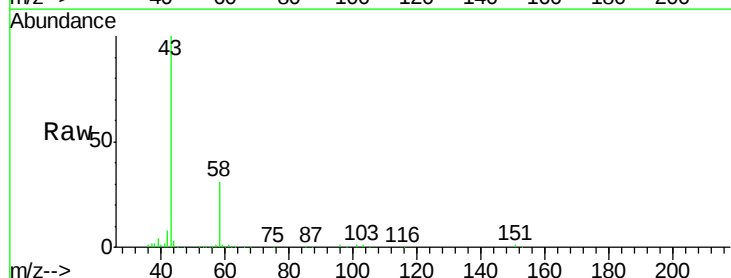
RT: 2.32 min Scan# 538

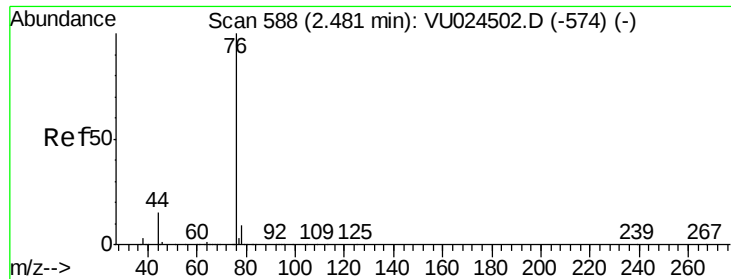
Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion:	43	Resp:	284467
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.4	36.6





#17

Carbon Disulfide

Concen: 41.02 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

ClientSampled :

S39-0183MS

Tot Ion: 76 Resp: 208159

Ion Ratio Lower Upper

76 100

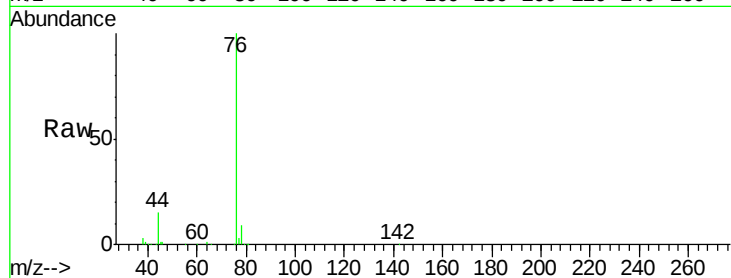
78 8.9 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VU024824.D (-574) (-)

Ion 77.90 (77.60 to 78.60): VU024824.D (-574) (-)

2.48

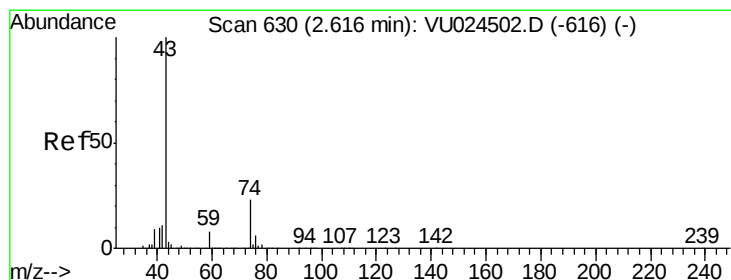
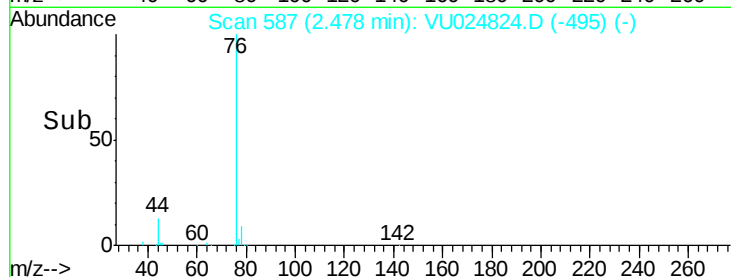
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 33.18 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024824.D

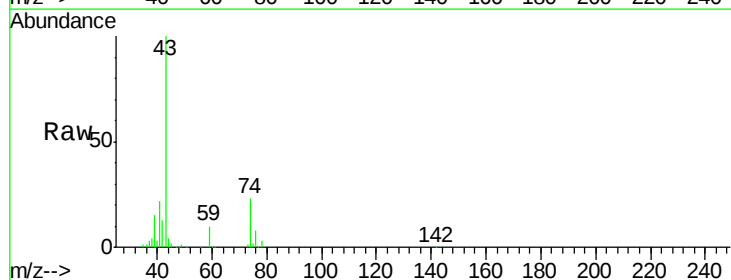
Acq: 21 Jun 2018 20:33

Tgt Ion: 43 Resp: 86849

Ion Ratio Lower Upper

43 100

74 23.6 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU024824.D (-537) (-)

Ion 74.00 (73.70 to 74.70): VU024824.D (-537) (-)

2.62

60000

50000

40000

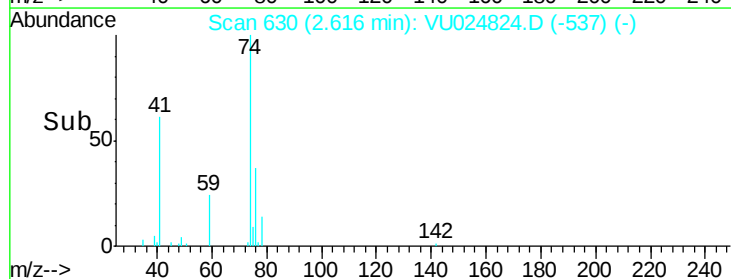
30000

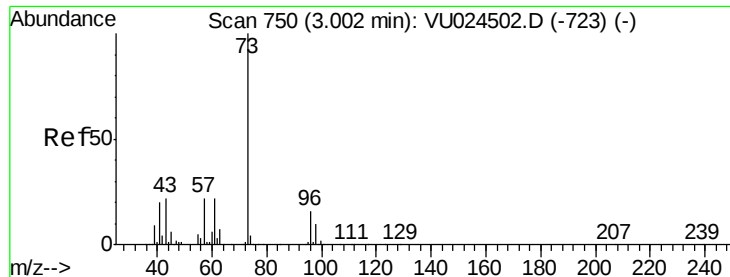
20000

10000

0

Time-->





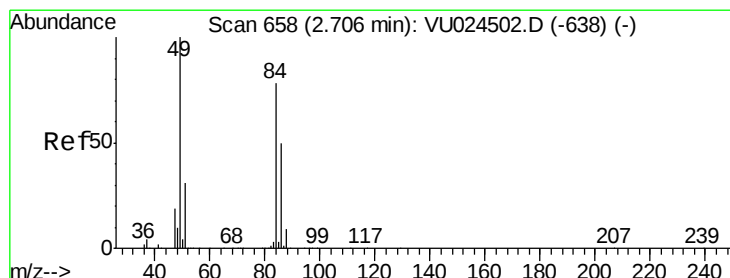
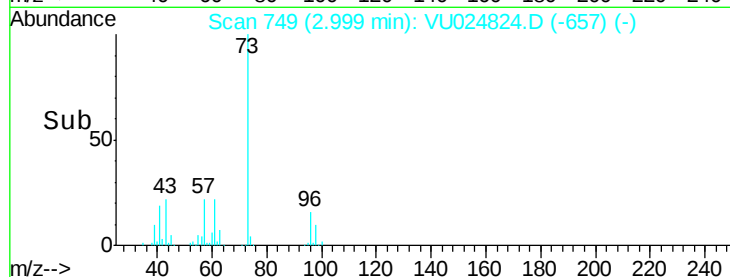
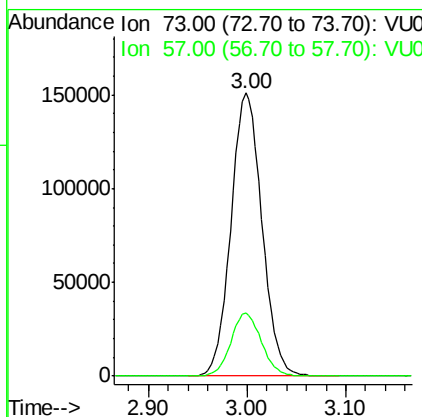
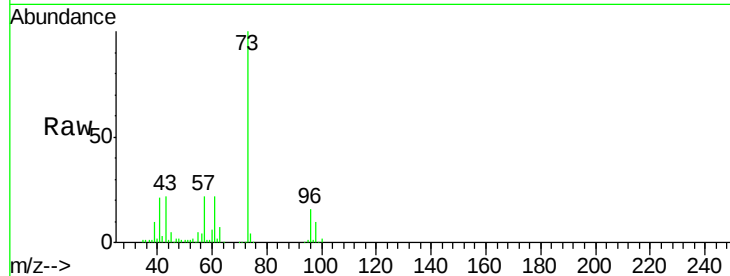
#19
Methvl tert-butvl Ether
Concen: 55.32 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.8	28.2

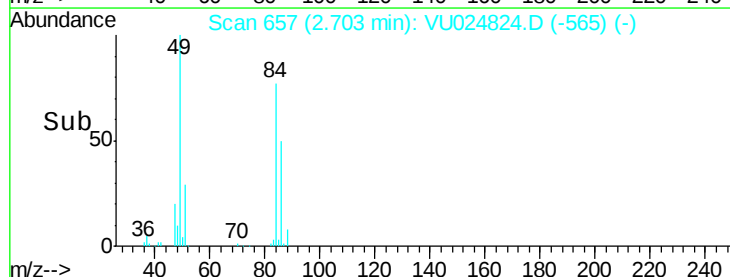
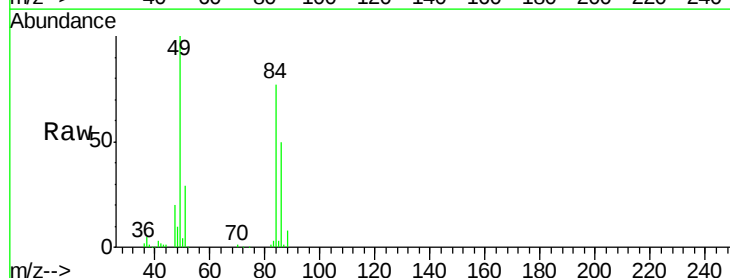
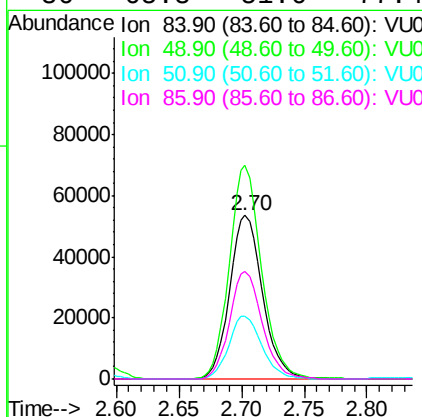
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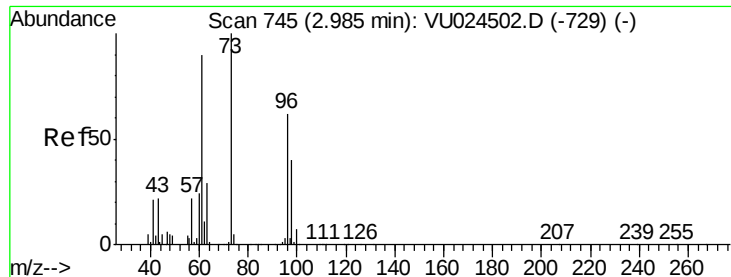
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#20
Methylene Chloride
Concen: 51.05 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.4	103.8	155.8
51	38.2	32.0	48.0
86	65.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 47.41 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

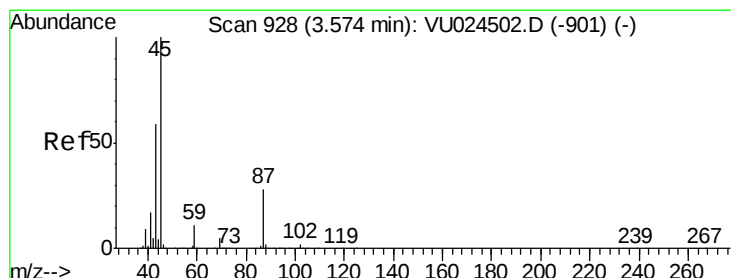
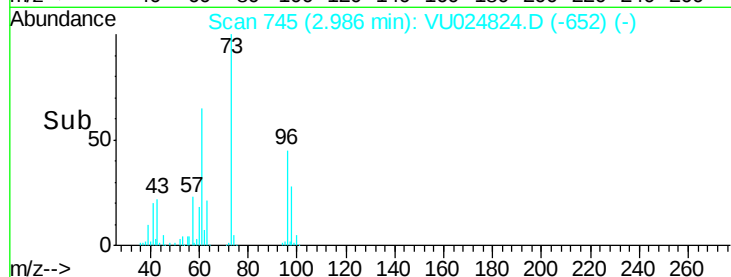
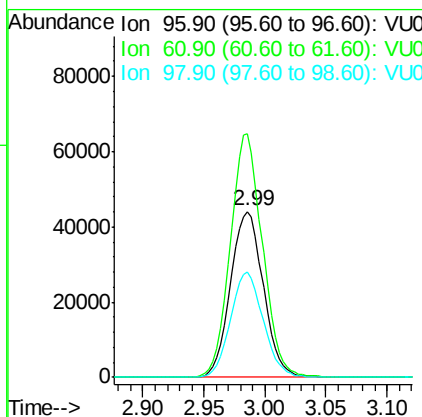
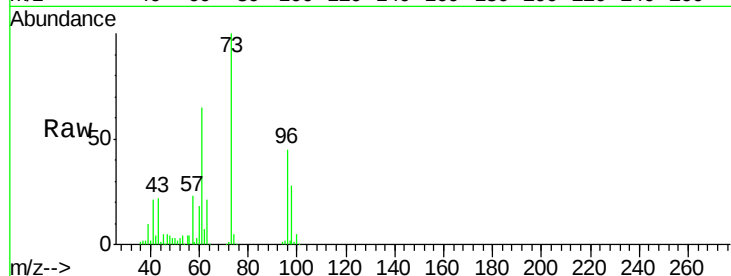
ClientSampleId :

S39-0183MS

Tot Ion:	96	Resp:	82755
Ion	Ratio	Lower	Upper
96	100		
61	146.6	119.4	179.0
98	63.6	51.1	76.7

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#22

Diisopropyl ether

Concen: 54.71 ug/l

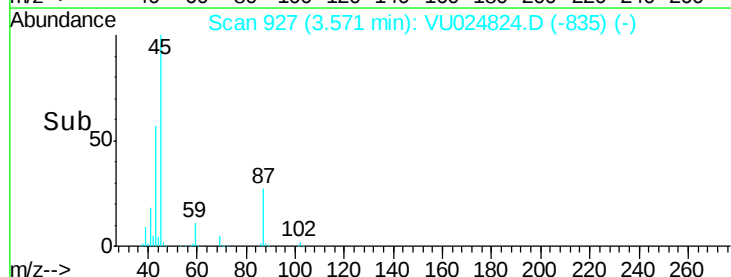
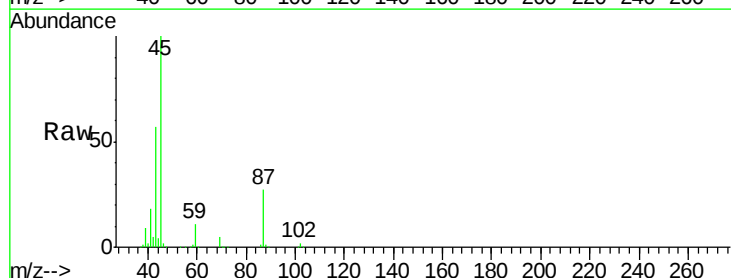
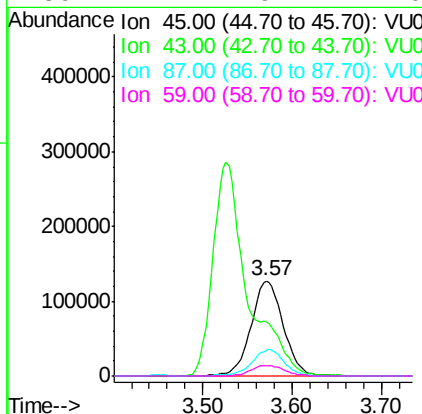
RT: 3.57 min Scan# 927

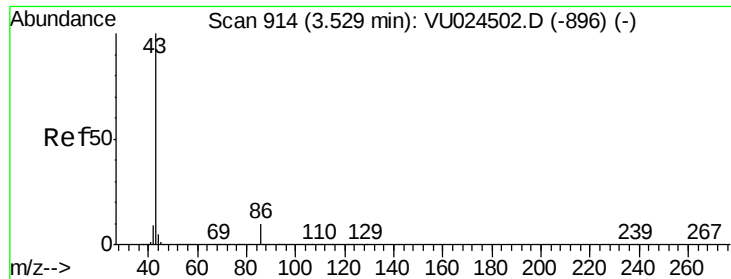
Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion:	45	Resp:	319140
Ion	Ratio	Lower	Upper
45	100		
43	56.3	45.8	68.6
87	27.1	20.6	31.0
59	11.2	9.4	14.0





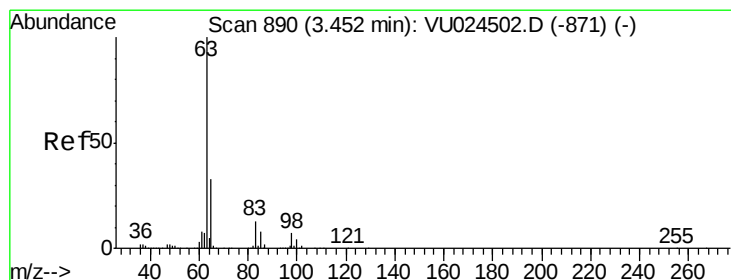
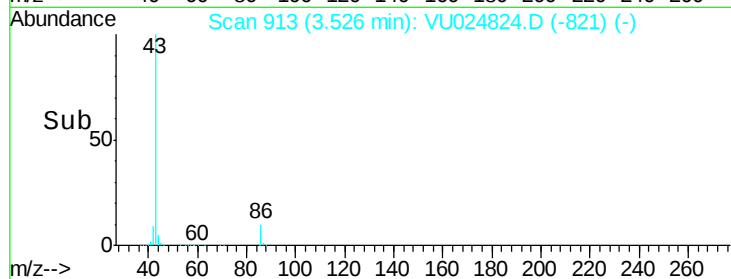
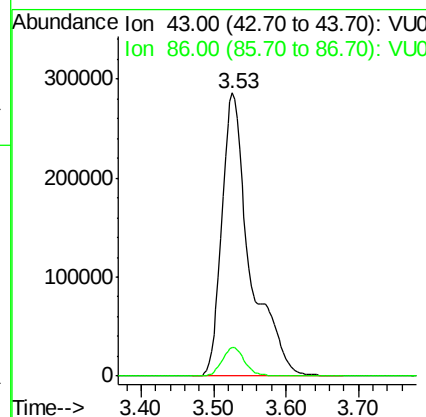
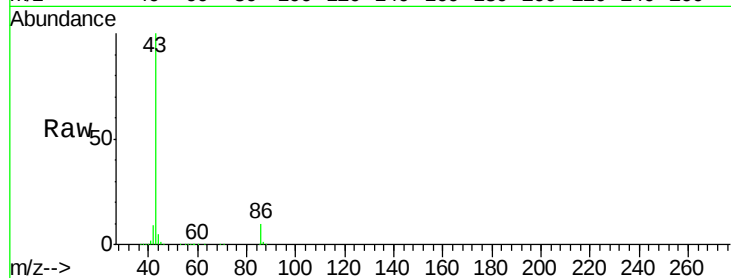
#23
 Vinyl Acetate
 Concen: 146.91 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MS

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8

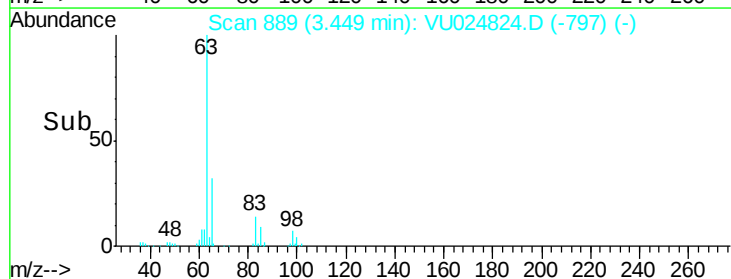
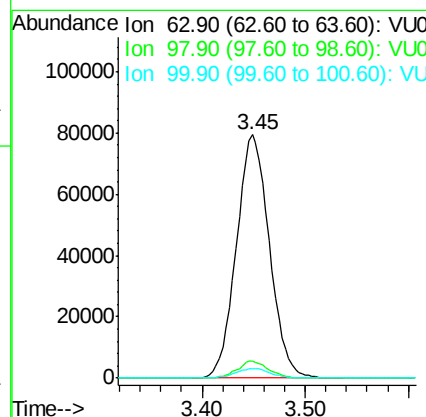
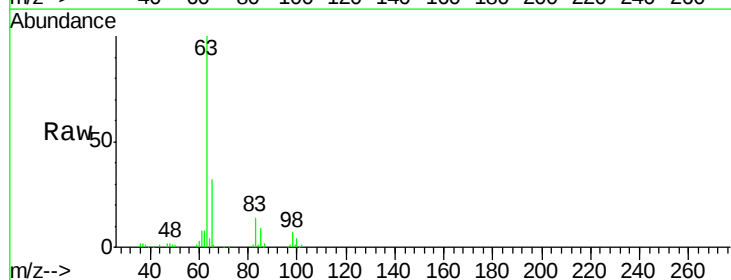
Manual Integrations
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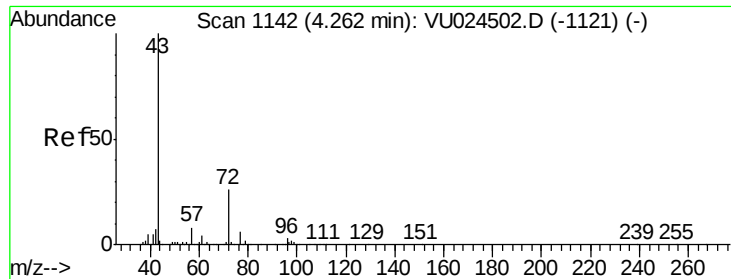
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#24
 1,1-Dichloroethane
 Concen: 52.71 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.5	10.4
100	4.0	1.8	5.5





#25

2-Butanone

Concen: 265.77 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MS

Tot Ion: 43 Resp: 435821

Ion Ratio Lower Upper

43 100

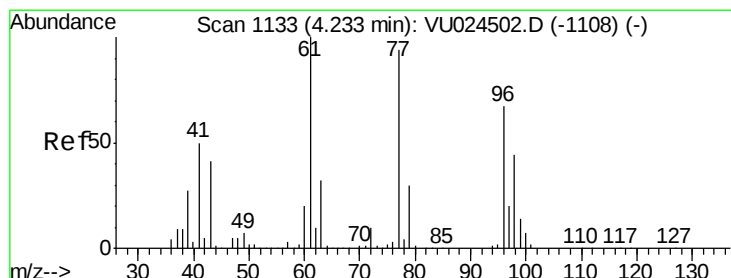
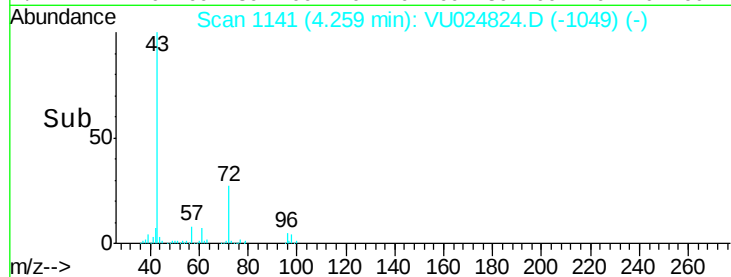
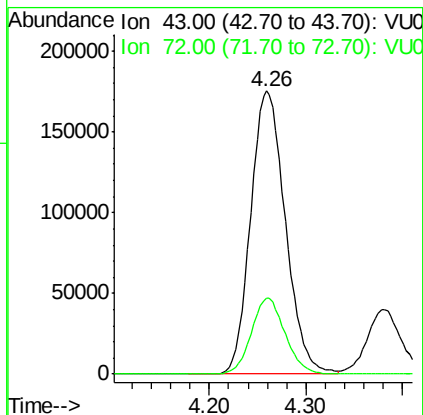
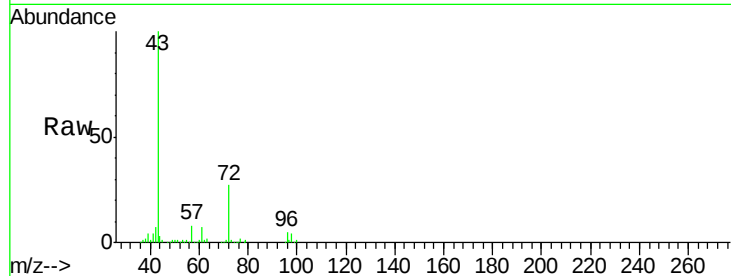
72 26.9 19.6 29.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 9.76 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024824.D

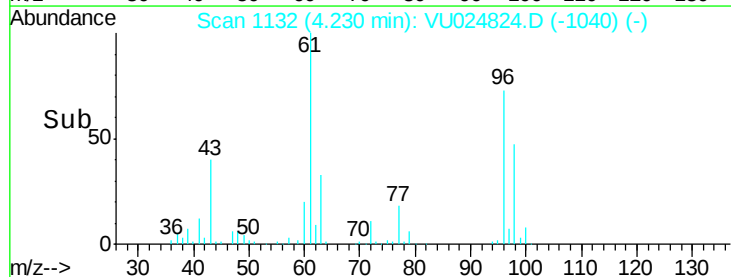
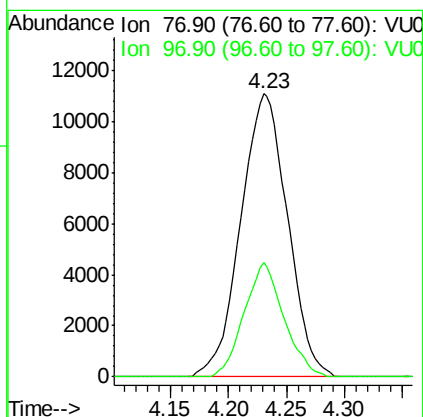
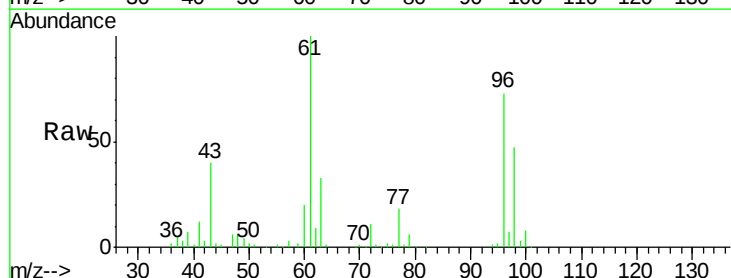
Acq: 21 Jun 2018 20:33

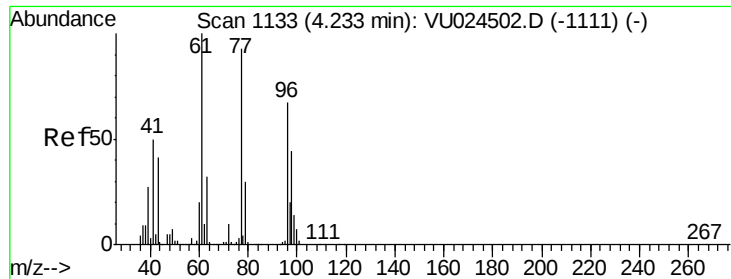
Tgt Ion: 77 Resp: 31111

Ion Ratio Lower Upper

77 100

97 34.3 11.3 33.8#





#27

cis-1,2-Dichloroethene

Concen: 55.70 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

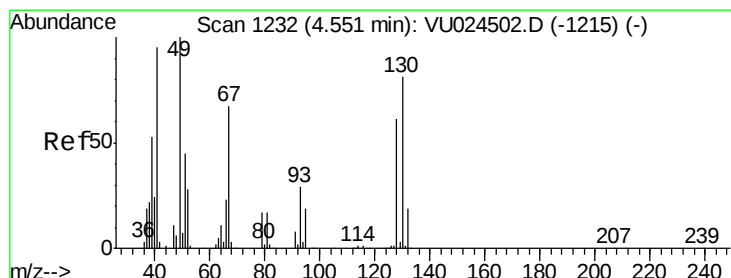
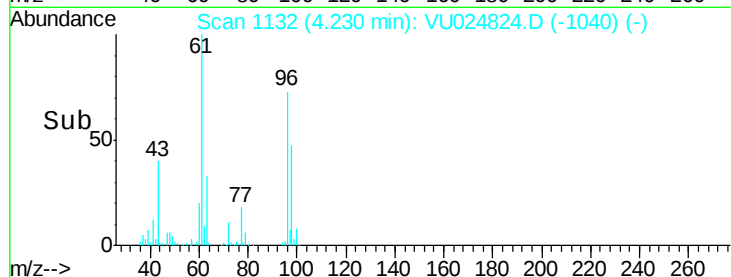
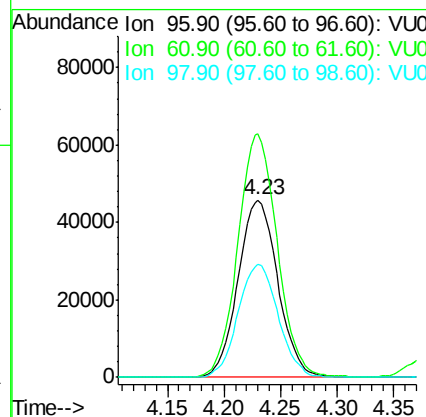
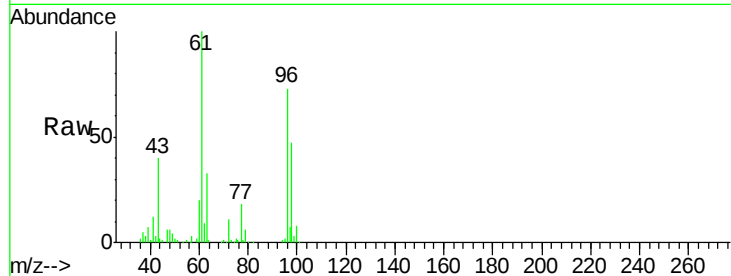
ClientSampleId :

S39-0183MS

Tot Ion:	96	Resp:	111777
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	306.6
98	64.7	0.0	128.8

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#28

Bromochloromethane

Concen: 55.44 ug/l

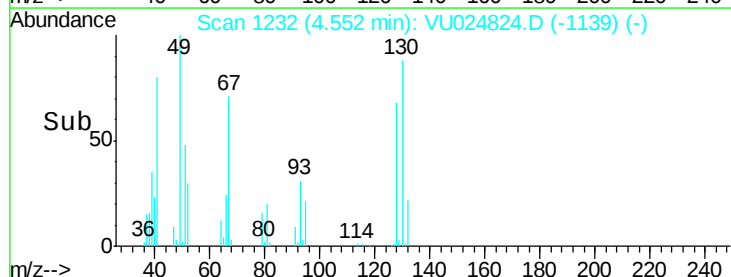
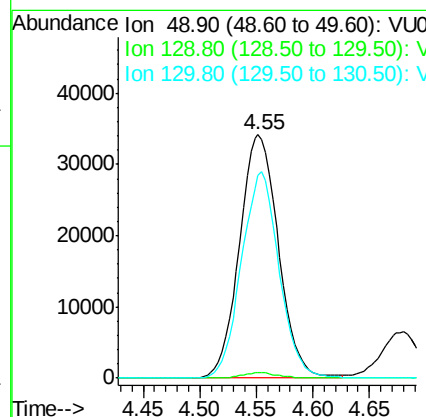
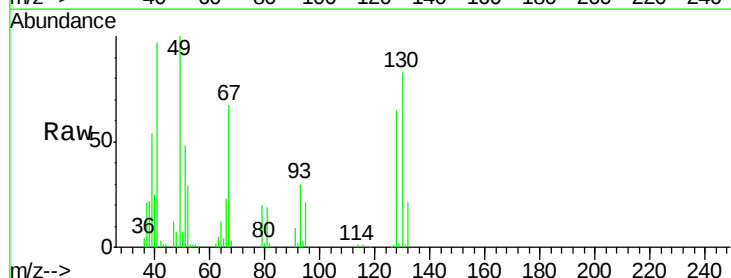
RT: 4.55 min Scan# 1232

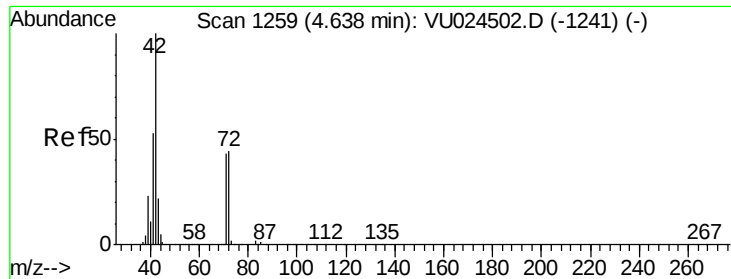
Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion:	49	Resp:	81944
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	81.9	57.8	86.6





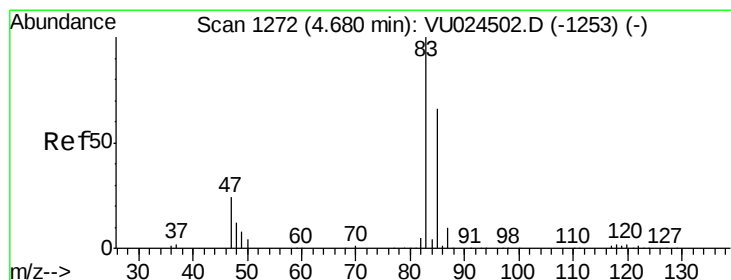
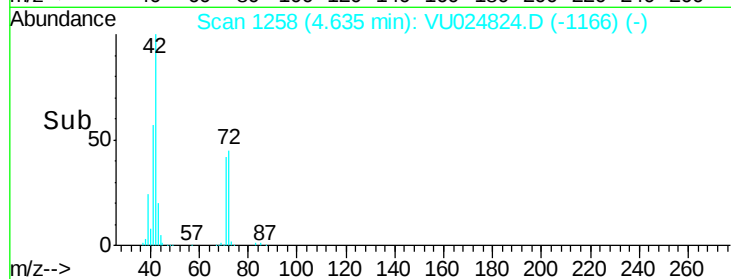
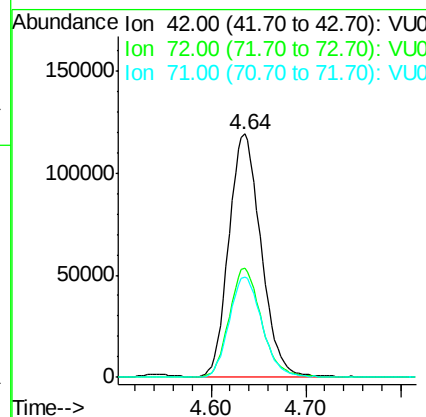
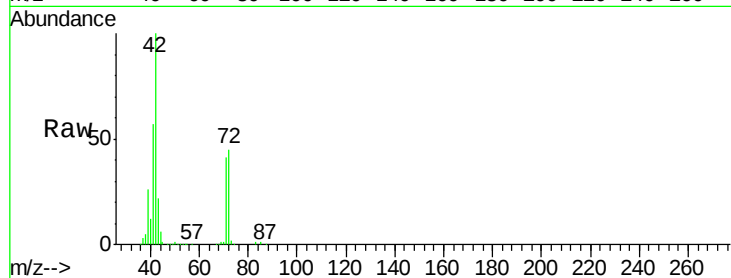
#29
Tetrahydrofuran
Concen: 276.35 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.5	51.7
71	42.3	32.2	48.4

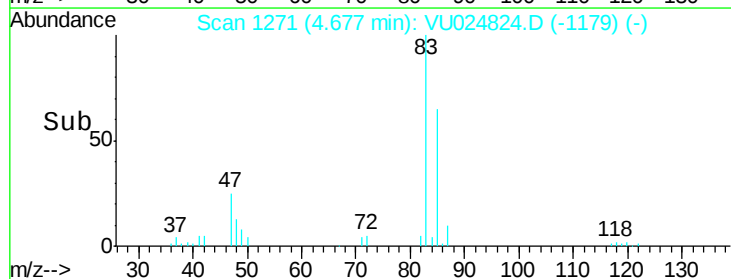
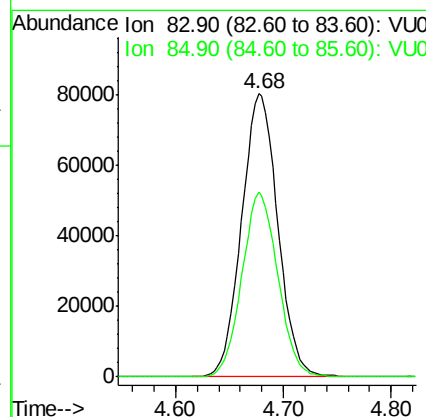
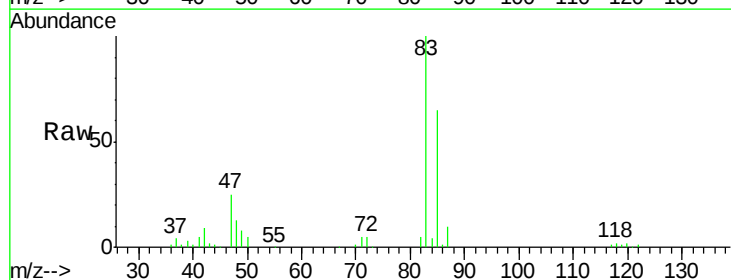
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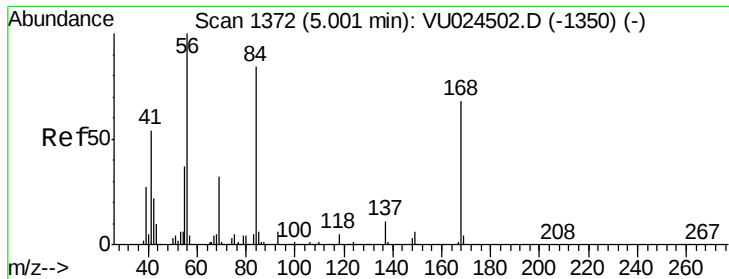
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#30
Chloroform
Concen: 55.09 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.4	78.6





#31

Cyclohexane

Concen: 39.12 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

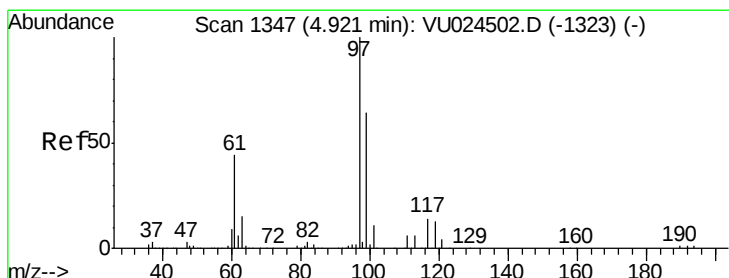
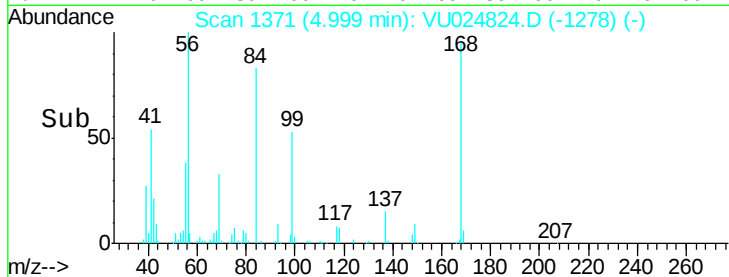
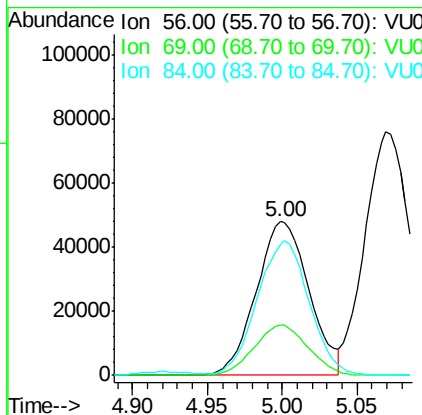
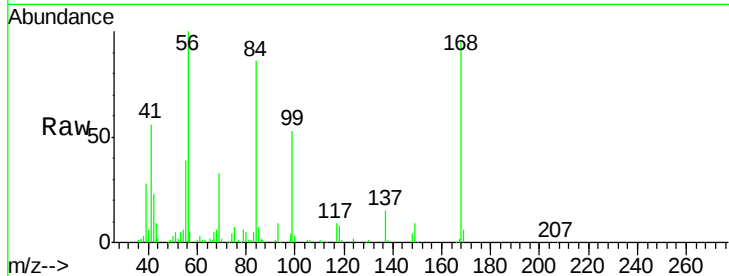
ClientSampled :

S39-0183MS

Tot Ion:	56	Resp:	117847
Ion	Ratio	Lower	Upper
56	100		
69	32.9	24.8	37.2
84	84.0	65.2	97.8

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#32

1,1,1-Trichloroethane

Concen: 49.48 ug/l

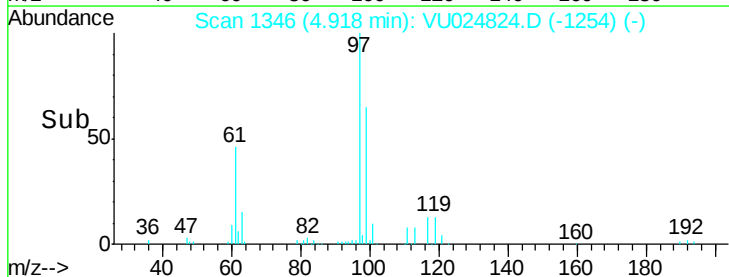
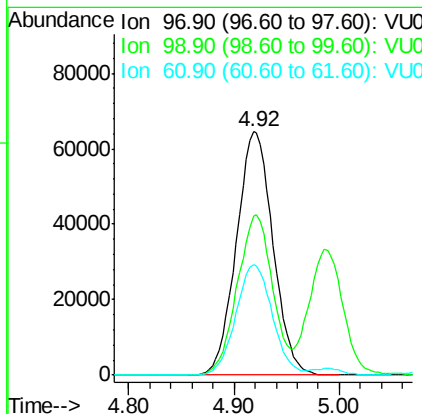
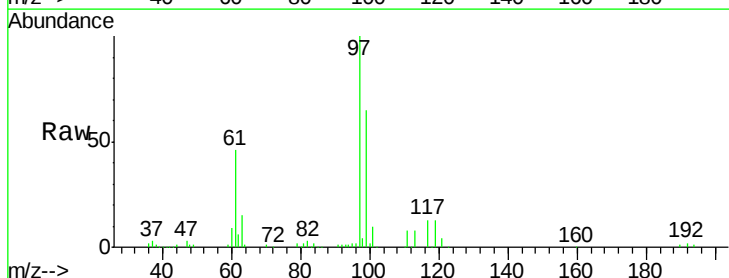
RT: 4.92 min Scan# 1346

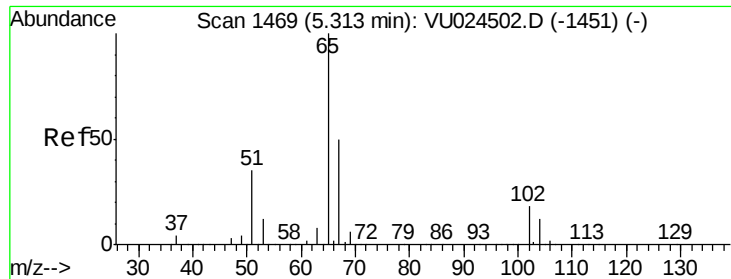
Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion:	97	Resp:	155395
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	45.3	39.4	59.0





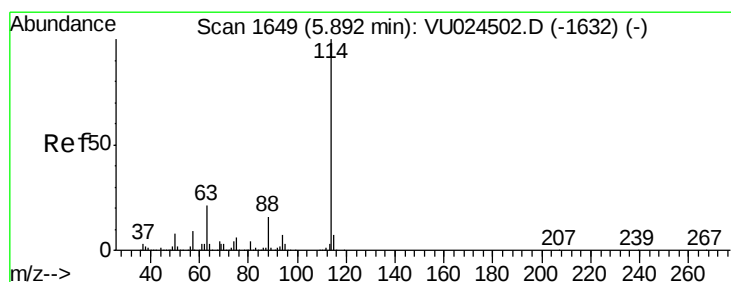
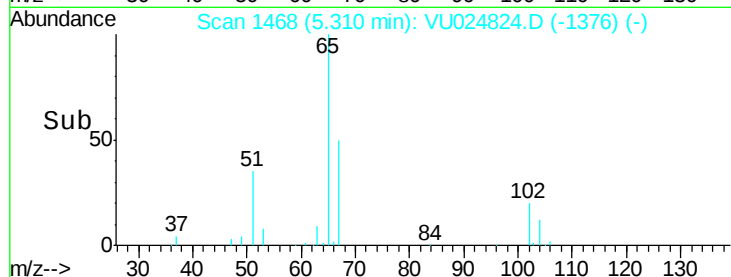
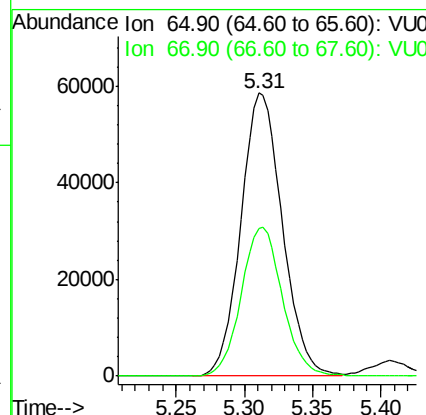
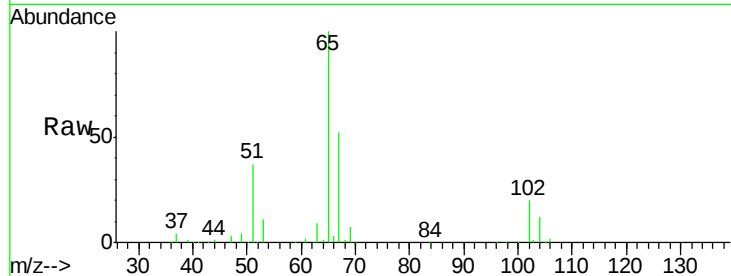
#33
 1,2-Dichloroethane-d4
 Concen: 54.37 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	123528		
67	52.4	0.0	107.0	

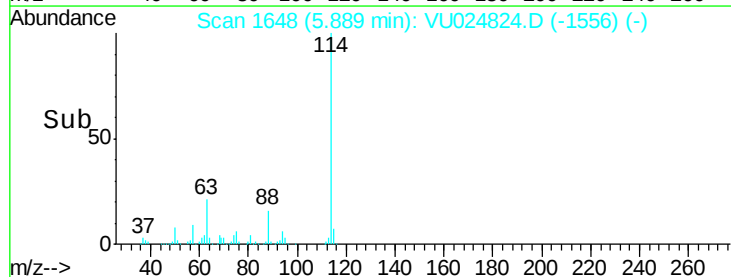
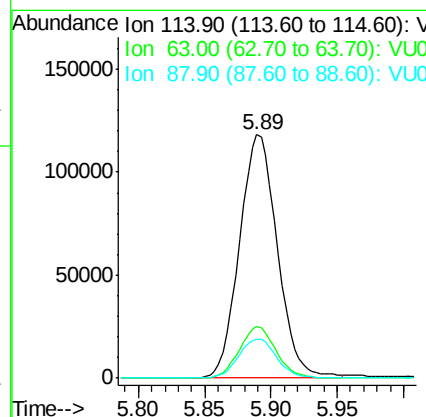
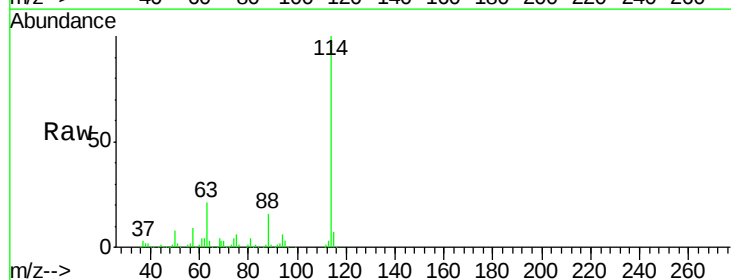
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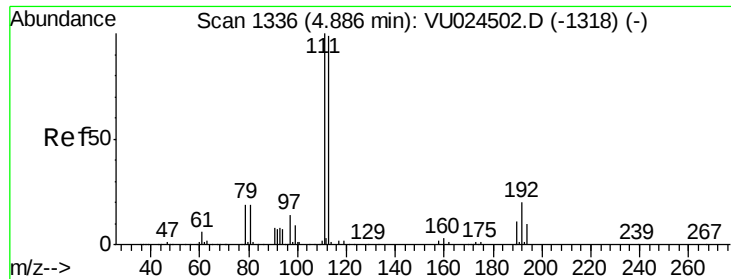
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	235425		
63	21.4	0.0	45.4	
88	16.0	0.0	31.0	





#35

Dibromofluoromethane

Concen: 50.86 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

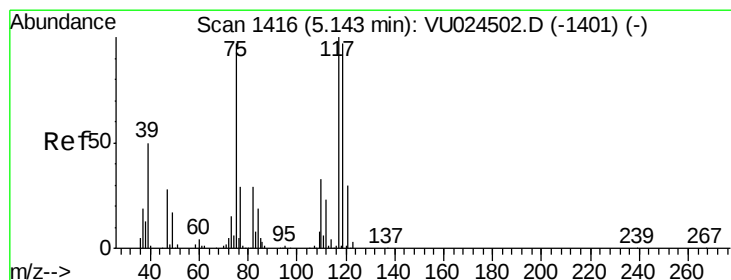
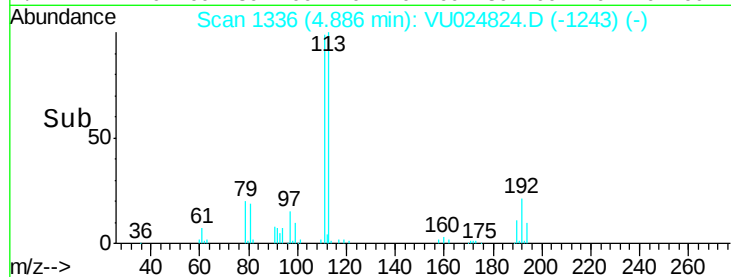
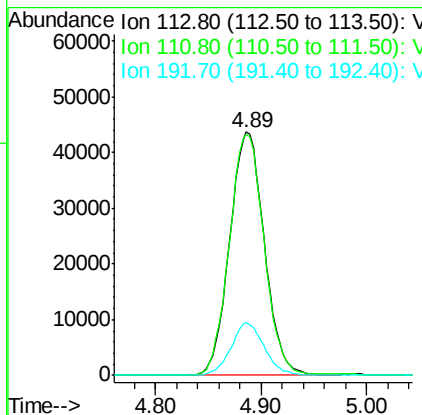
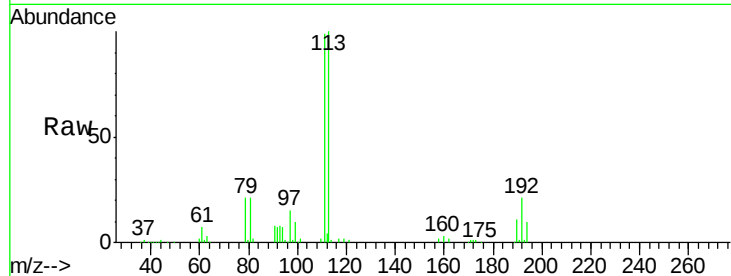
ClientSampleId :

S39-0183MS

Tot Ion:	113	Resp:	99382
Ion Ratio	Lower	Upper	
113	100		
111	99.3	82.2	123.4
192	20.7	16.2	24.4

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#36

1,1-Dichloropropene

Concen: 40.52 ug/l

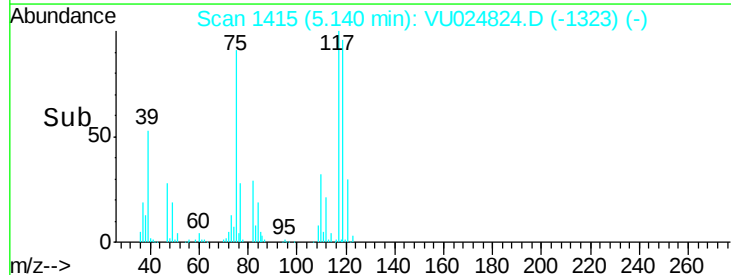
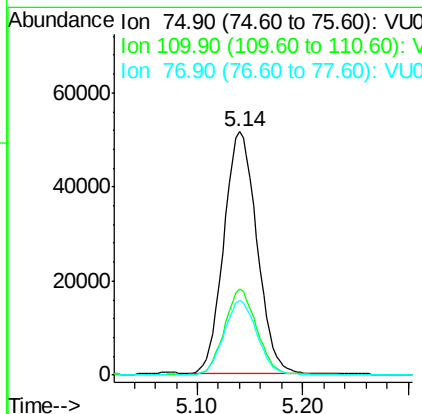
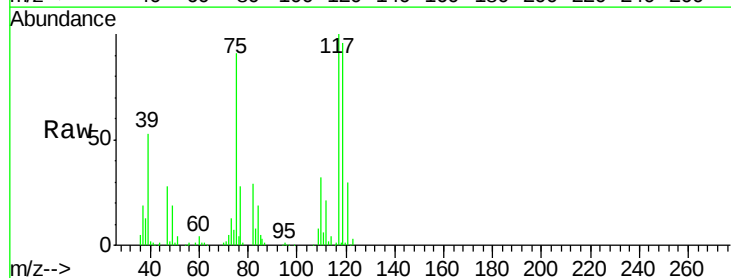
RT: 5.14 min Scan# 1415

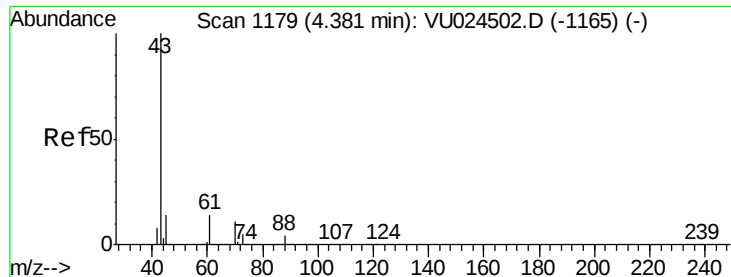
Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion:	75	Resp:	112099
Ion Ratio	Lower	Upper	
75	100		
110	34.9	17.0	50.9
77	31.0	24.2	36.4





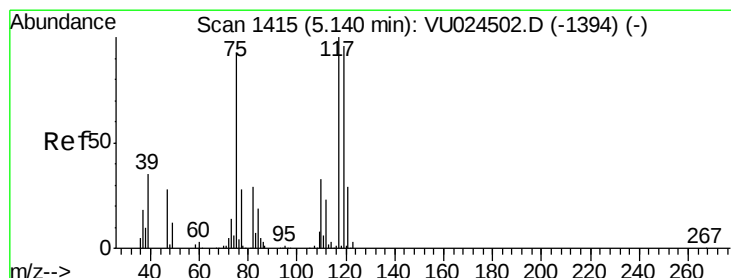
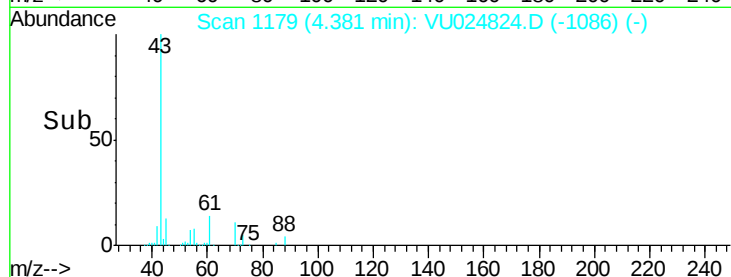
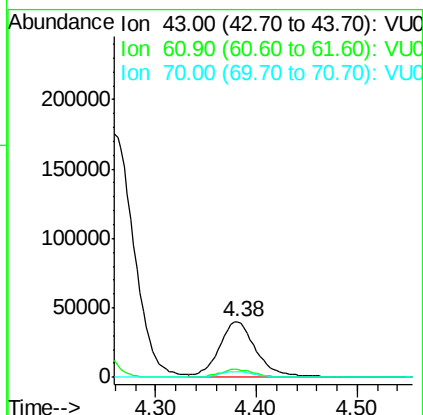
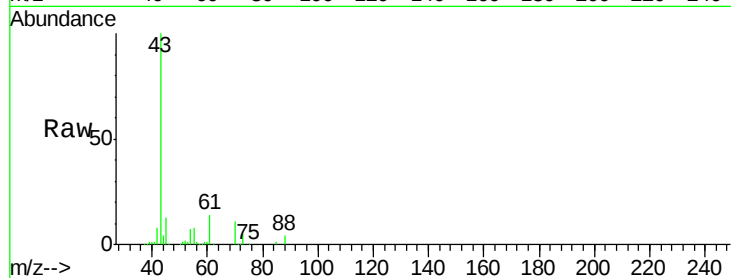
#37
Ethyl Acetate
Concen: 33.10 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.5	15.7
70	10.3	7.4	11.2

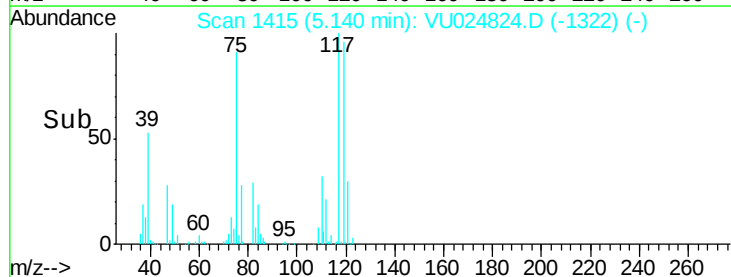
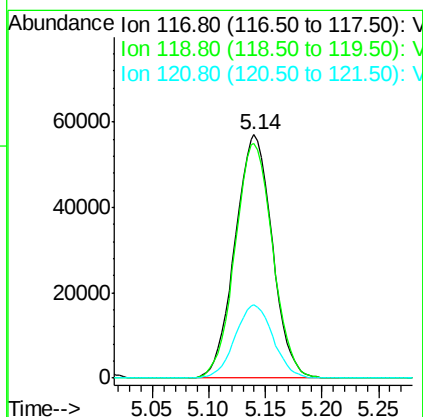
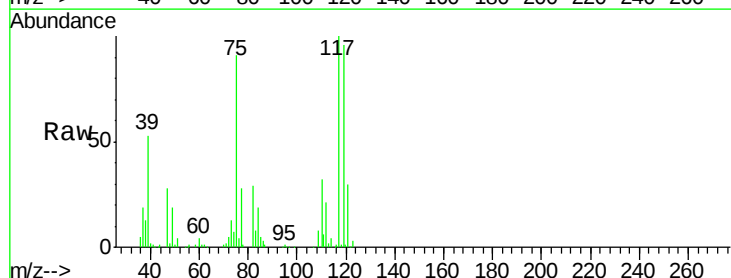
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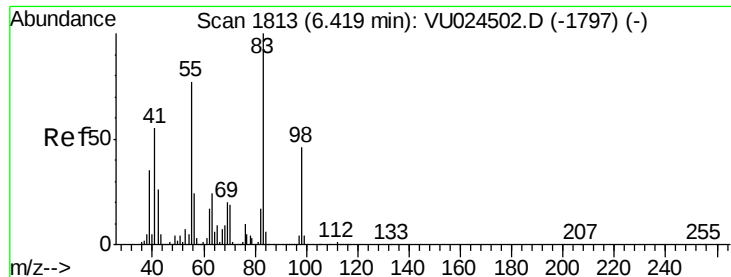
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#38
Carbon Tetrachloride
Concen: 42.91 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.1	114.1
121	30.1	23.7	35.5





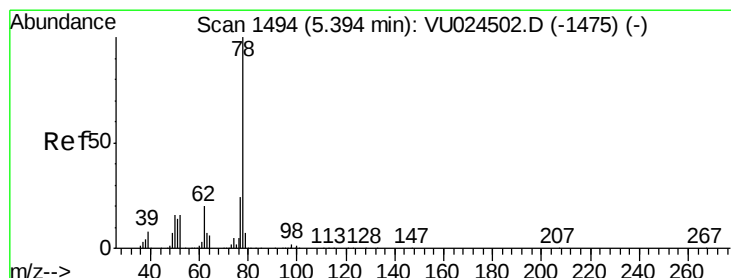
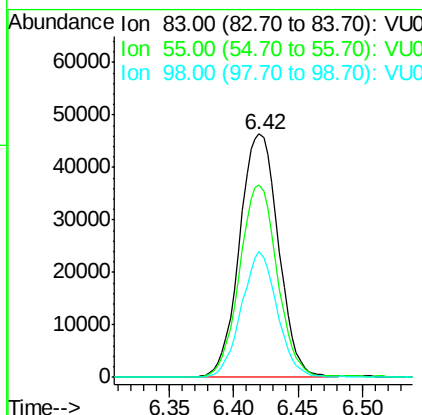
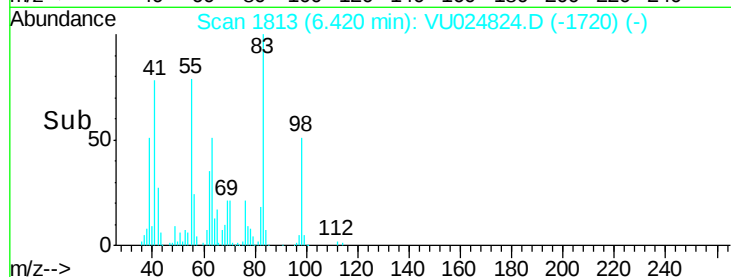
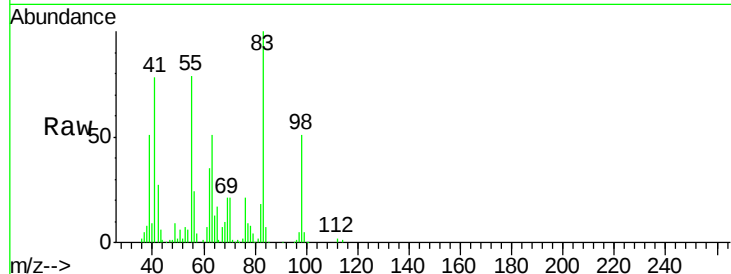
#39
Methvlcvclohexane
Concen: 28.26 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.2	65.8	98.6
98	51.5	36.7	55.1

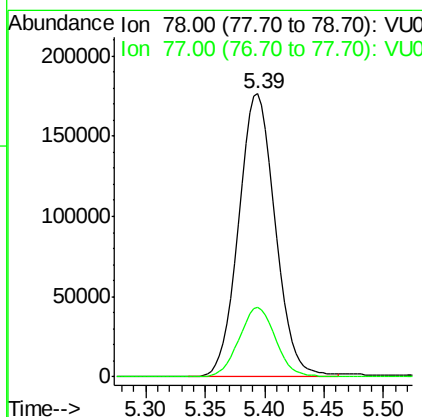
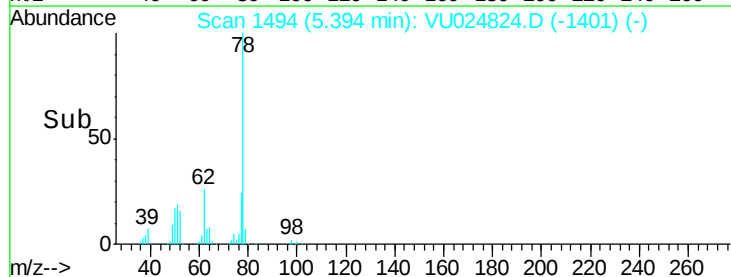
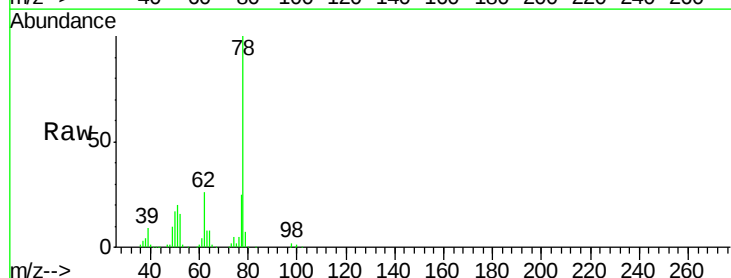
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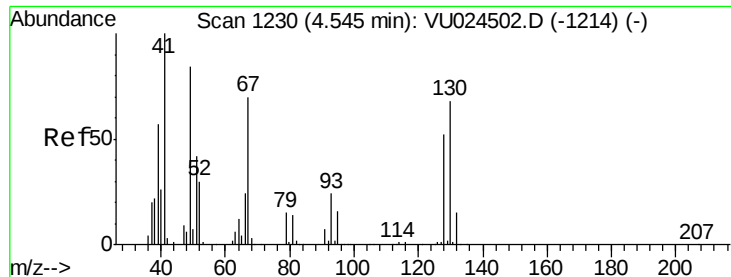
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#40
Benzene
Concen: 47.81 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.2	28.8





#41

Methacrylonitrile

Concen: 54.91 ug/l

RT: 4.55 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

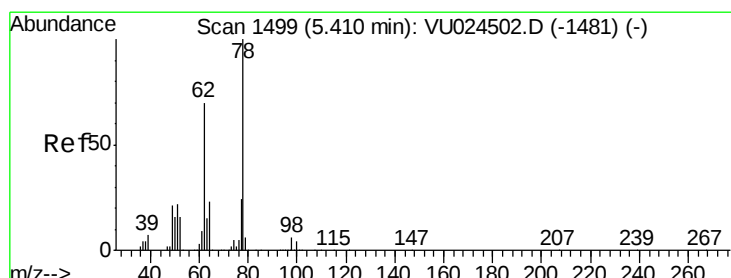
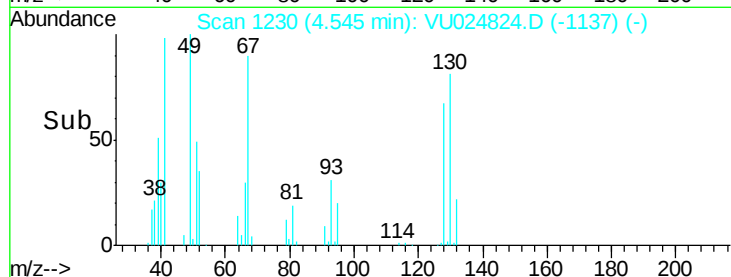
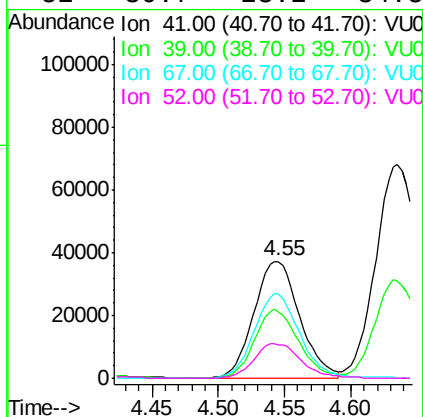
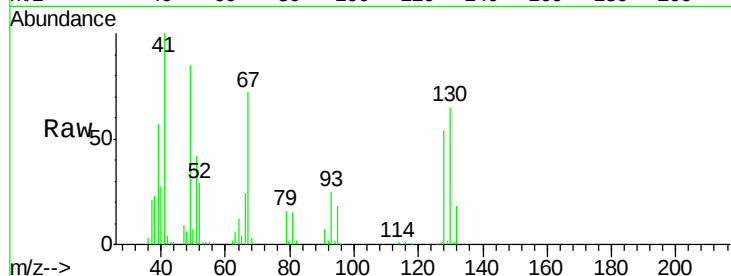
ClientSampled :

S39-0183MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.4	43.8	65.6	
67	71.9	56.3	84.5	
52	30.7	23.2	34.8	

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#42

1,2-Dichloroethane

Concen: 53.38 ug/l

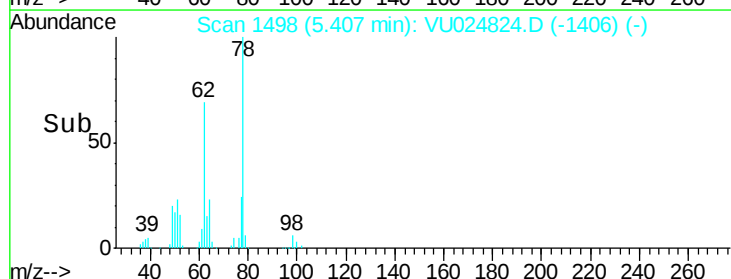
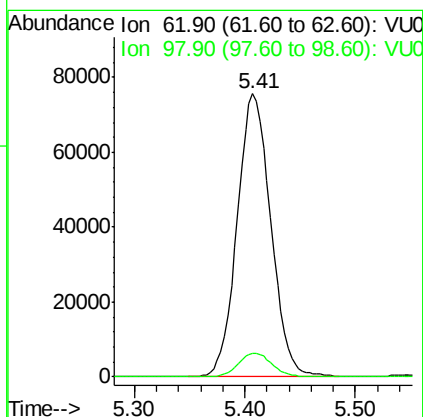
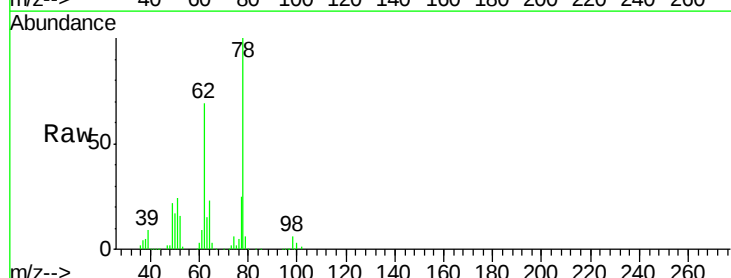
RT: 5.41 min Scan# 1498

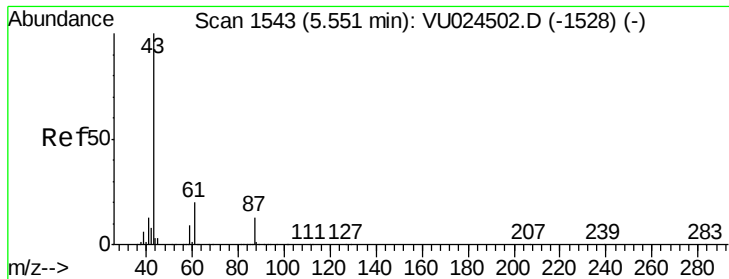
Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





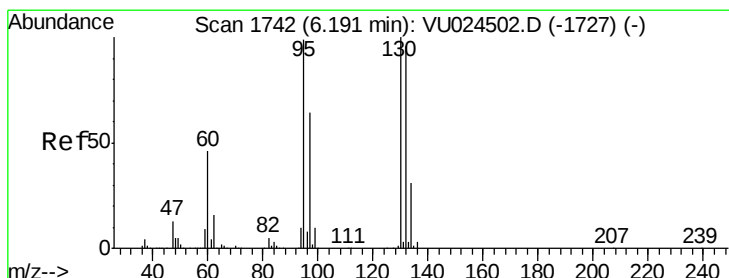
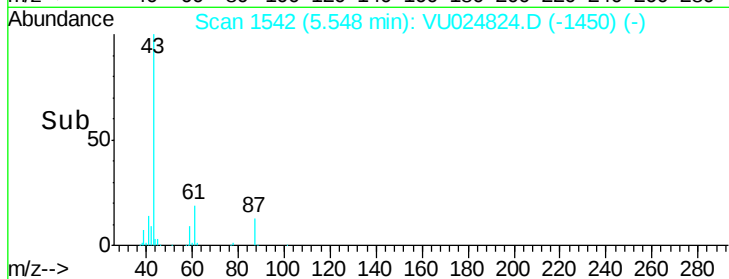
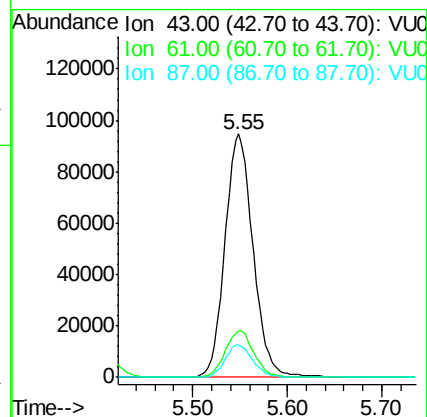
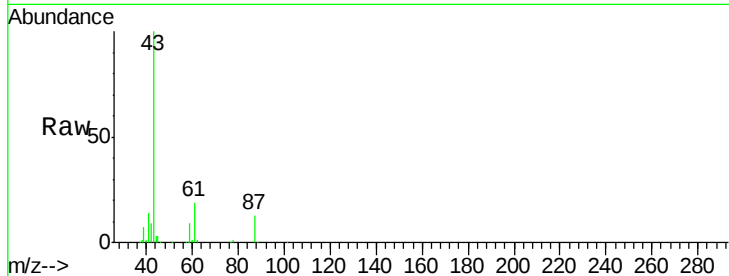
#43
Isopropyl Acetate
Concen: 37.16 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MS

Tot Ion	Ratio	Resp	Lower	Upper
43	100	193655		
61	19.6		15.4	23.0
87	13.2		10.0	15.0

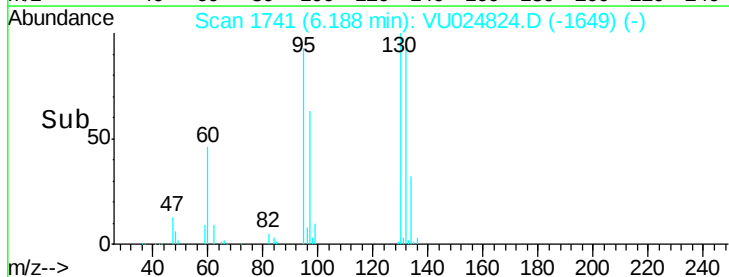
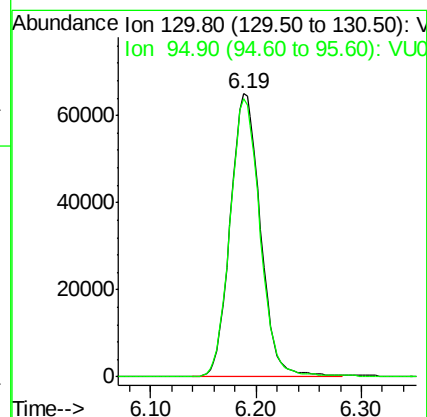
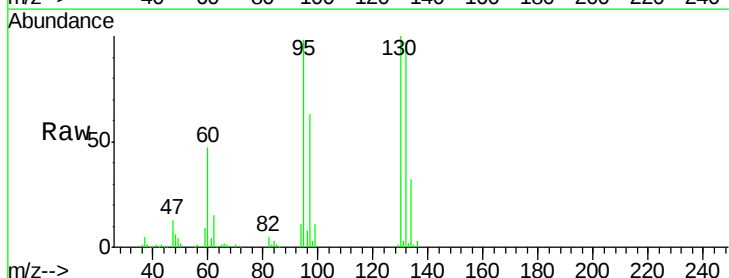
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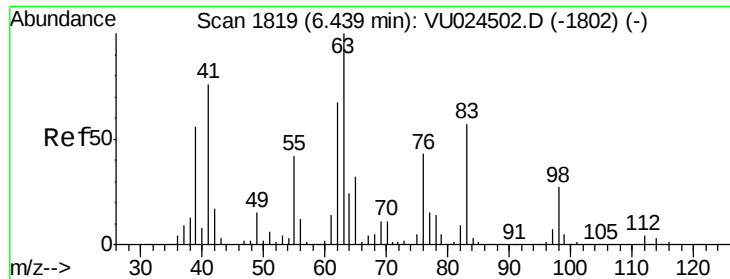
apatel
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#44
Trichloroethene
Concen: 57.19 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	128298		
95	98.5		0.0	202.4





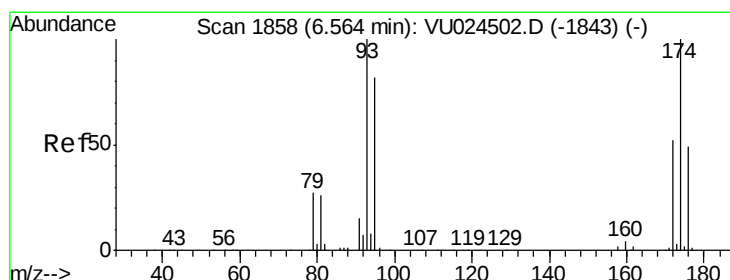
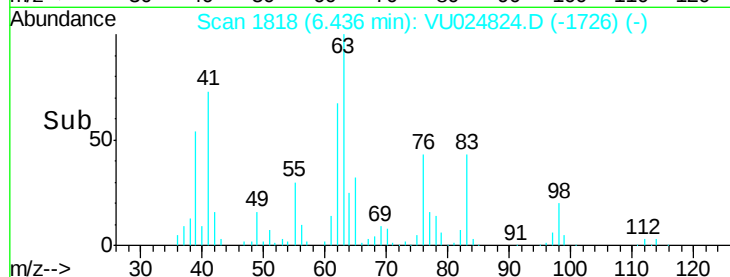
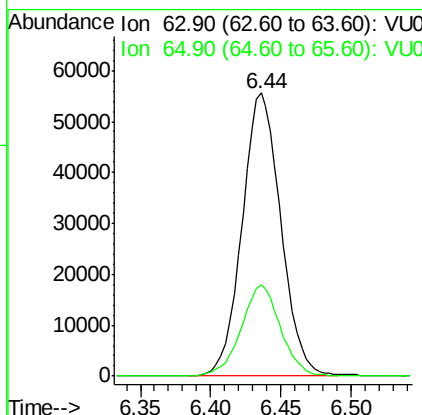
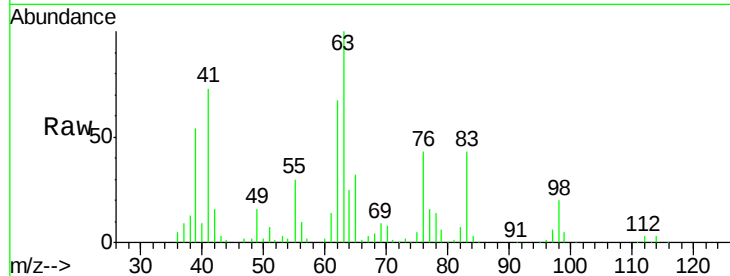
#45
 1,2-Dichloropropane
 Concen: 50.81 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MS

Tot Ion: 63 Resp: 106875
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.8 37.2

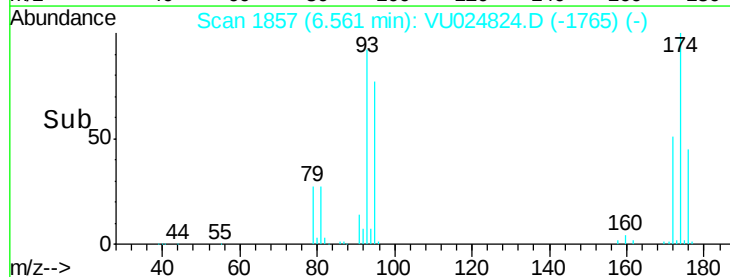
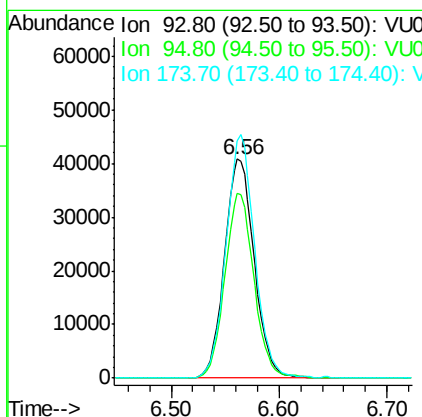
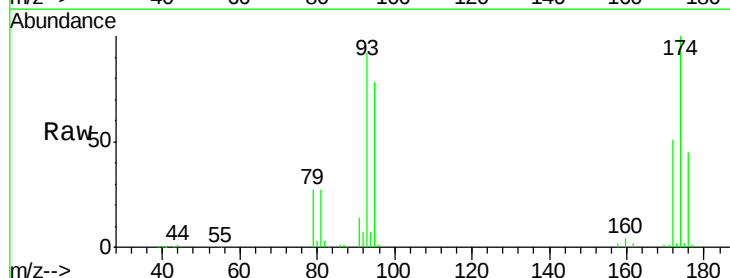
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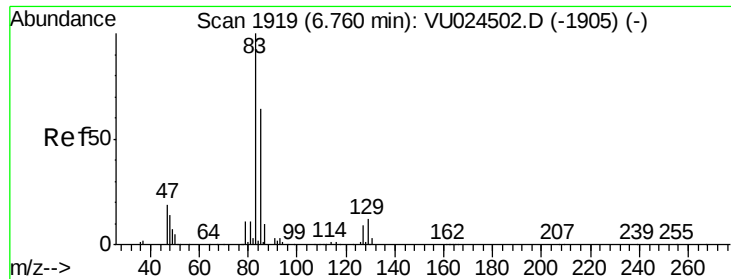
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#46
 Dibromomethane
 Concen: 53.00 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Tgt Ion: 93 Resp: 78299
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.5 98.3
 174 107.2 78.7 118.1





#47

Bromodichloromethane

Concen: 50.17 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

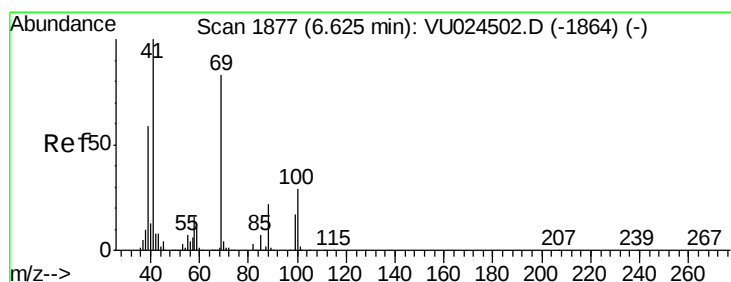
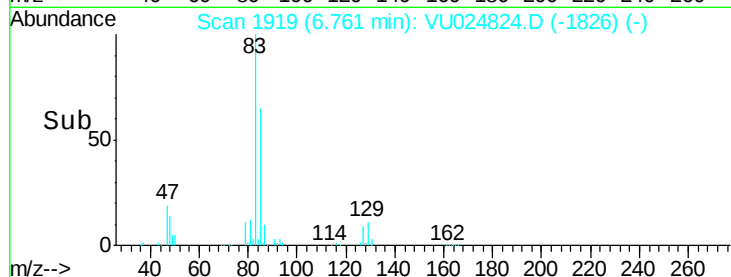
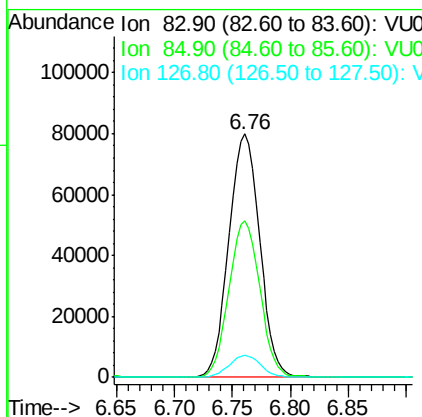
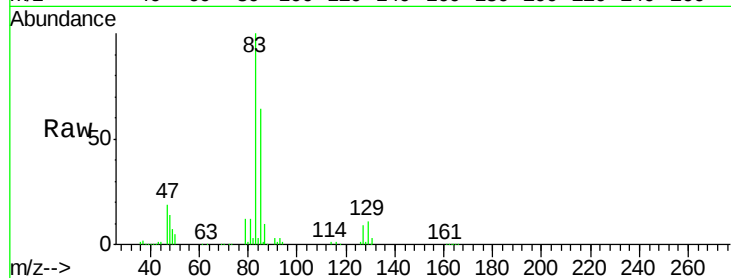
ClientSampled :

S39-0183MS

Tot Ion:	83	Resp:	147582
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.9	77.9
127	9.0	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.48 ug/l

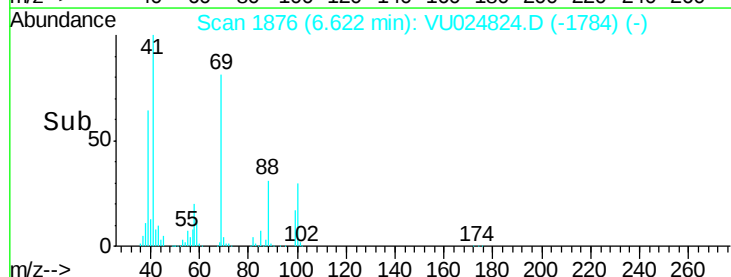
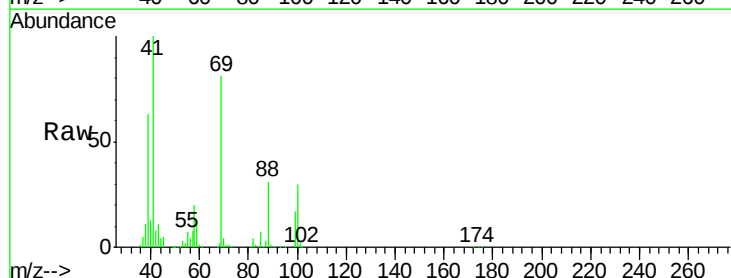
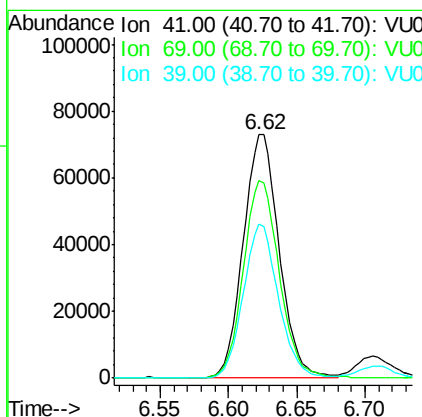
RT: 6.62 min Scan# 1876

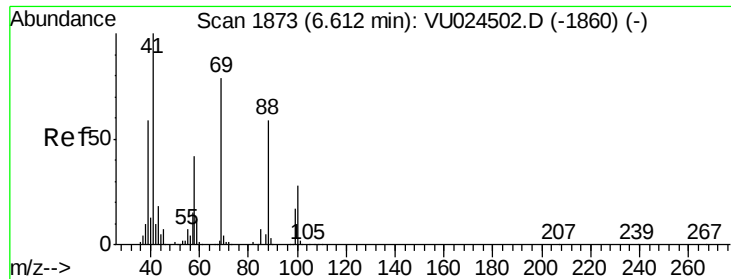
Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion:	41	Resp:	133187
Ion Ratio	Lower	Upper	
41	100		
69	81.3	67.3	100.9
39	61.2	46.5	69.7





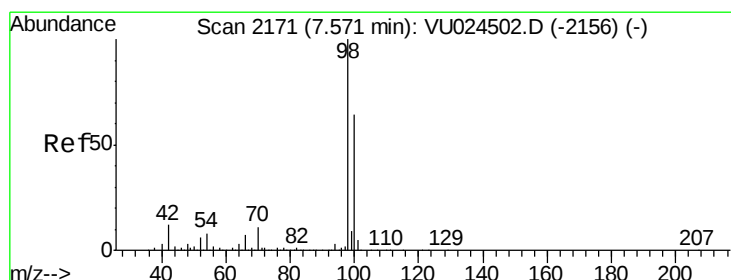
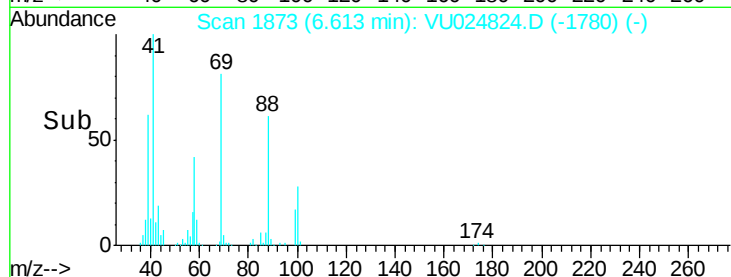
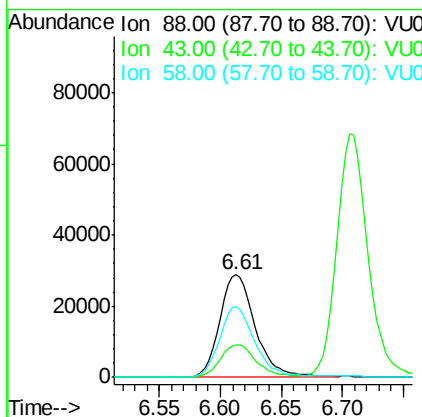
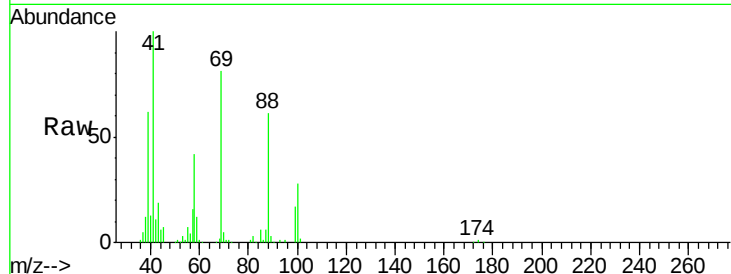
#49
1,4-Dioxane
Concen: 1174.07 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Instrument :
MSVOA_U
ClientSampled :
S39-0183MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	28.6	42.8
58	69.1	58.2	87.4

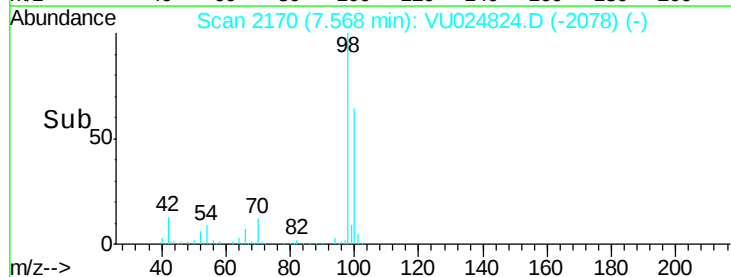
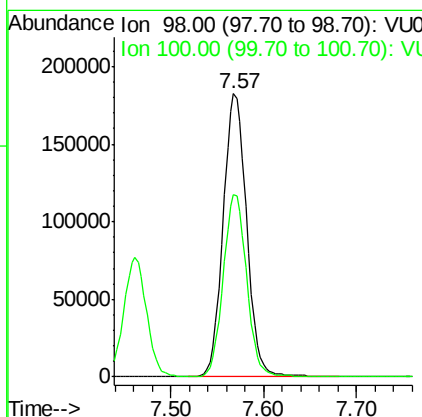
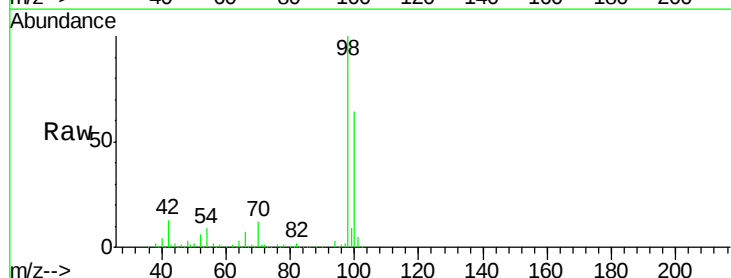
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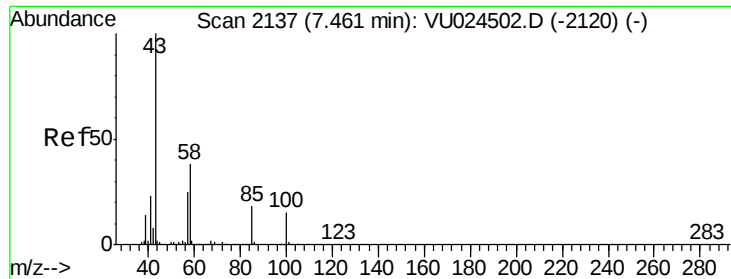
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#50
Toluene-d8
Concen: 45.14 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.1	76.7





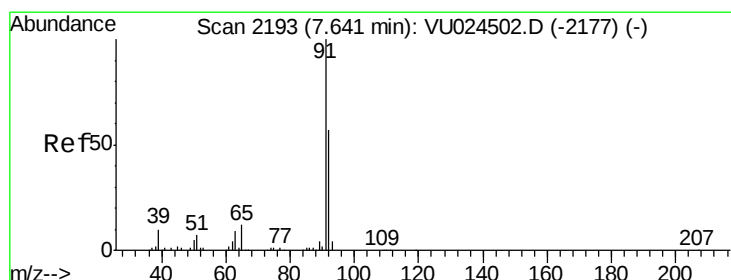
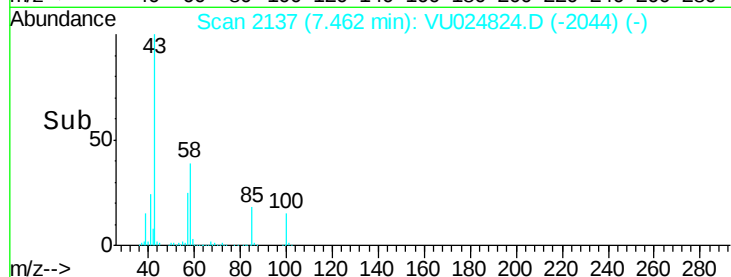
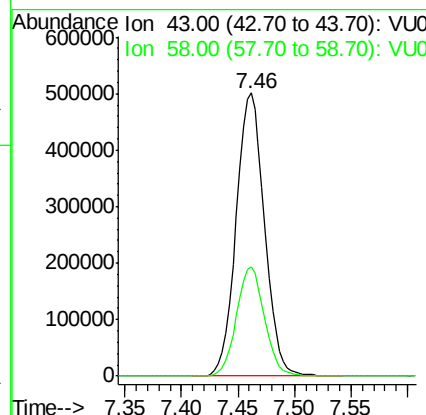
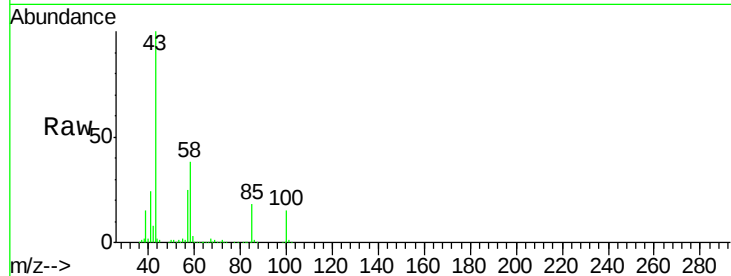
#51
4-Methyl-2-Pentanone
Concen: 266.29 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Instrument :
MSVOA_U
ClientSampled :
S39-0183MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.0	45.0

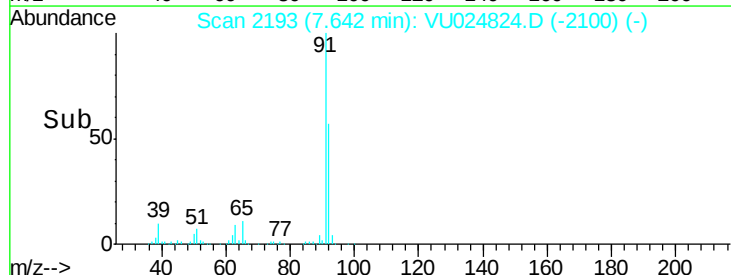
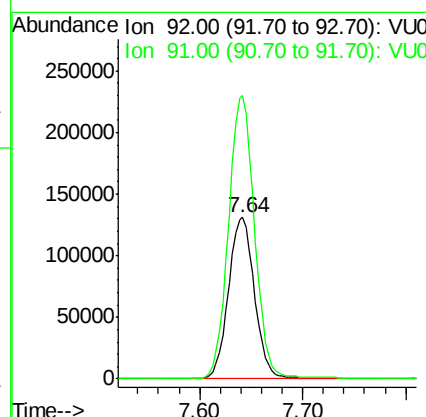
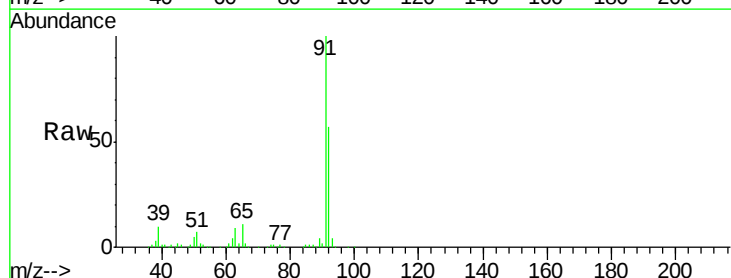
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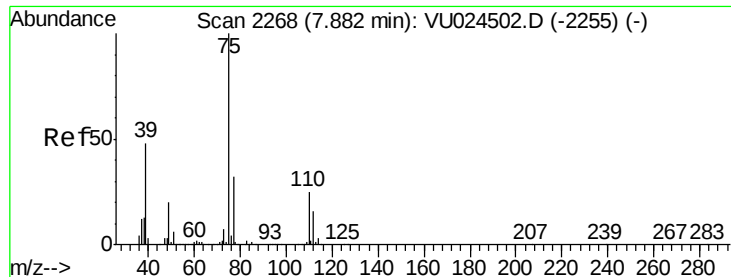
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#52
Toluene
Concen: 45.64 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.9	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 37.73 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MS

Tot Ion: 75 Resp: 124643

Ion Ratio Lower Upper

75 100

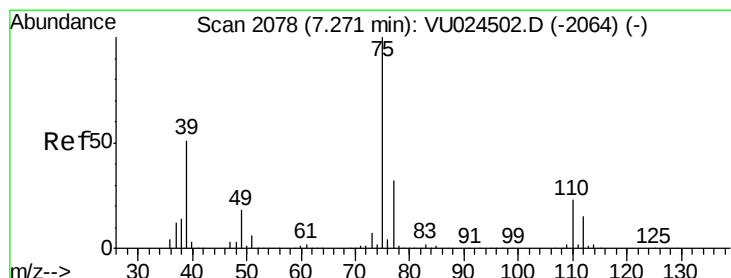
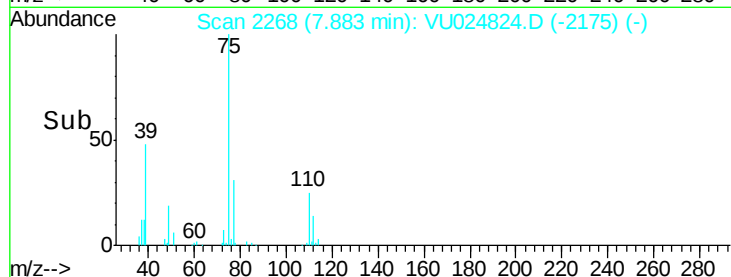
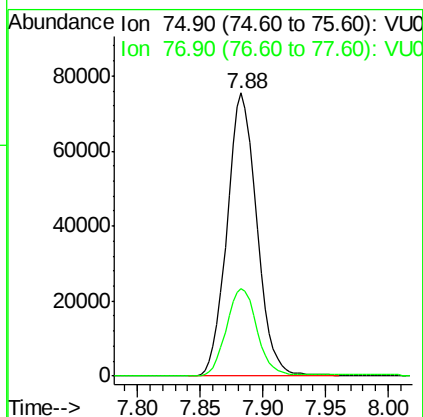
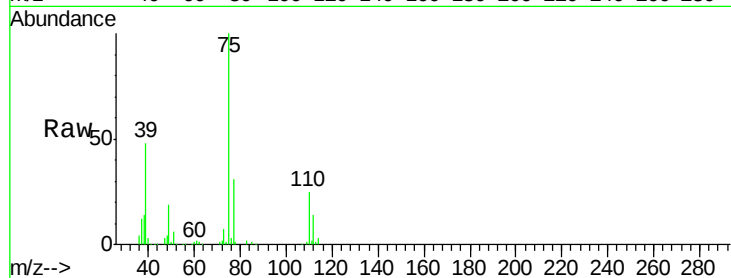
77 30.8 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 37.16 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

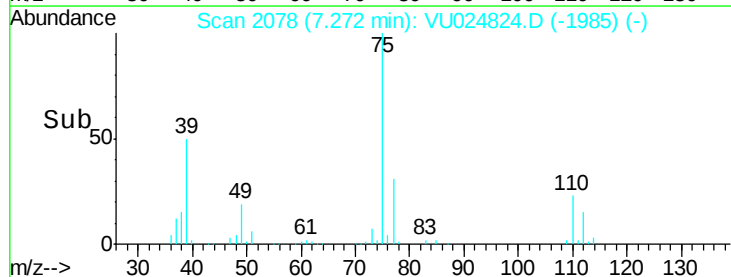
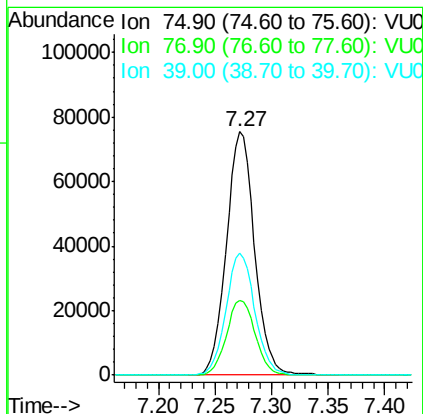
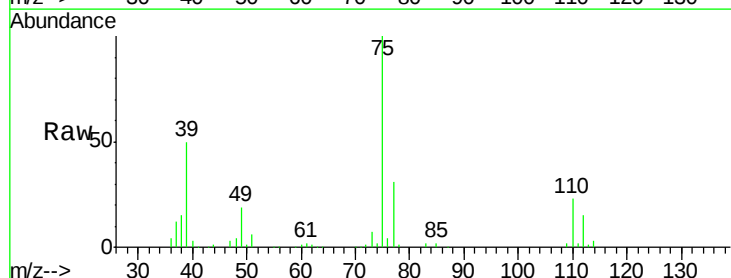
Tgt Ion: 75 Resp: 130832

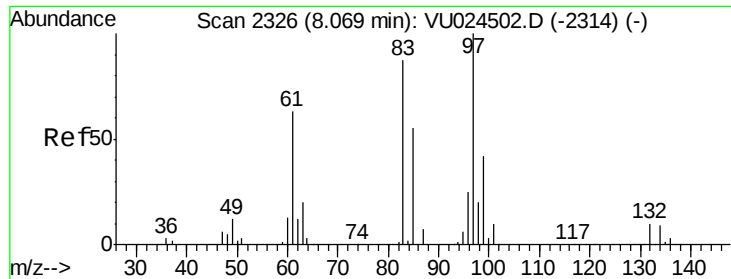
Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

39 50.0 39.8 59.6





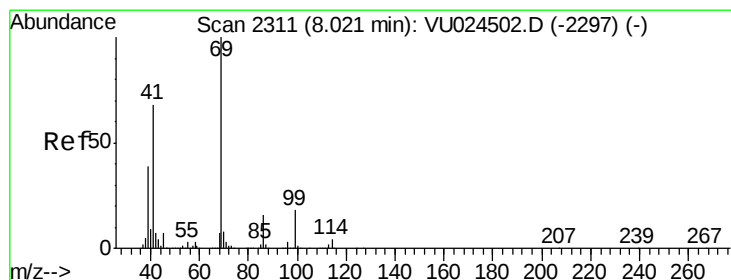
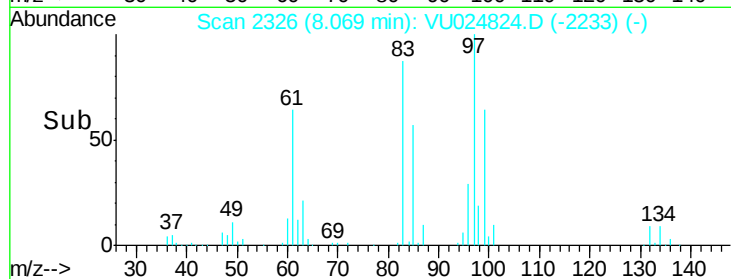
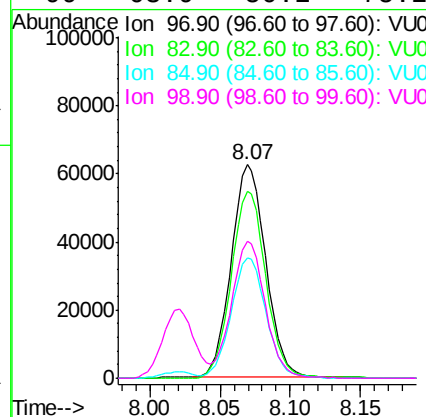
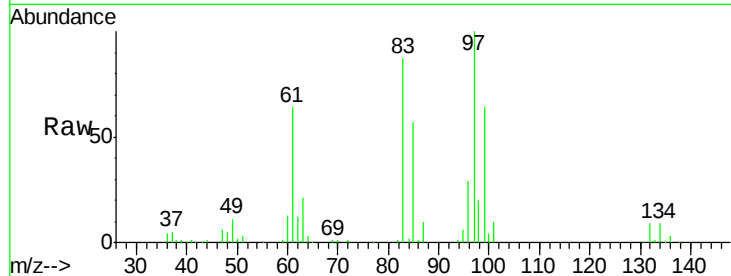
#55
 1,1,2-Trichloroethane
 Concen: 51.90 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MS

Tot Ion	97	Resp	106993
Ion Ratio	Lower	Upper	
97	100		
83	87.7	70.5	105.7
85	56.6	46.4	69.6
99	63.9	50.2	75.2

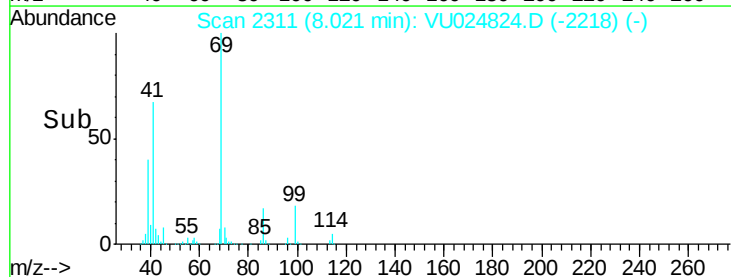
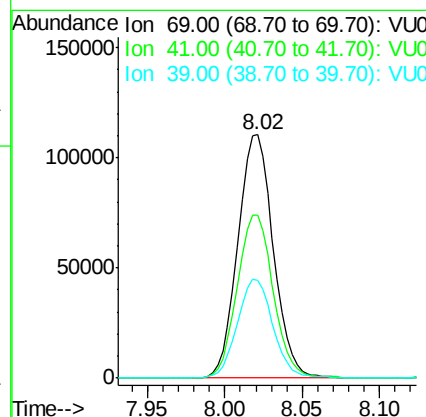
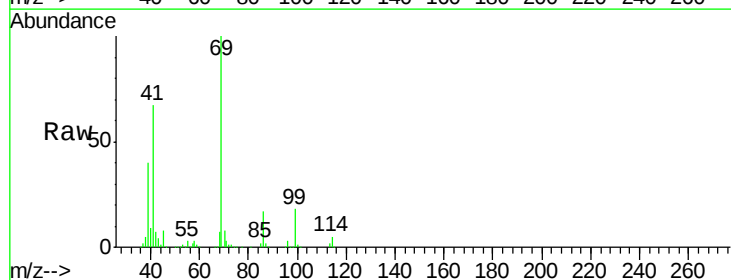
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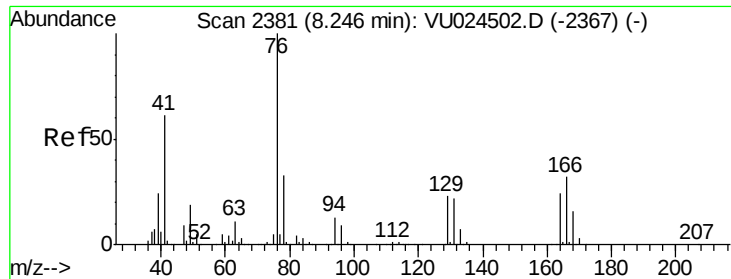
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#56
 Ethyl methacrylate
 Concen: 51.05 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Tgt Ion	69	Resp	176132
Ion Ratio	Lower	Upper	
69	100		
41	68.1	54.1	81.1
39	40.1	30.3	45.5





#57

1,3-Dichloropropane

Concen: 52.73 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MS

Tot Ion: 76 Resp: 183385

Ion Ratio Lower Upper

76 100

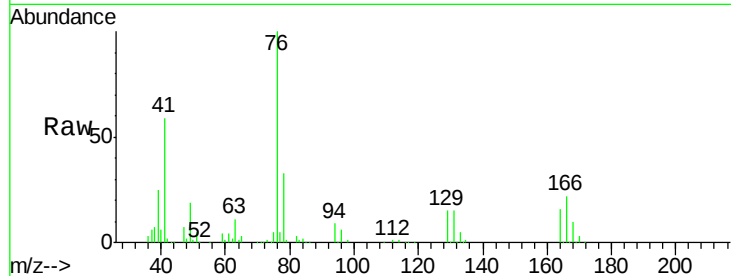
78 32.3 25.2 37.8

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.25

120000

100000

80000

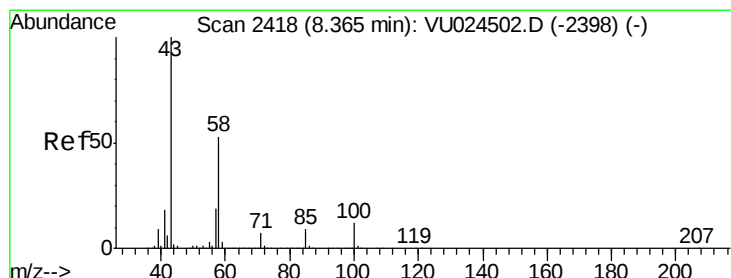
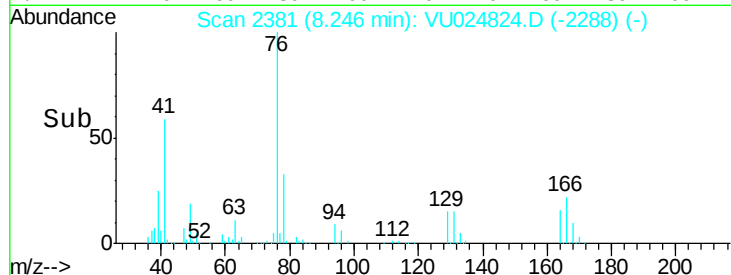
60000

40000

20000

0

Time-->



#59

2-Hexanone

Concen: 260.08 ug/l

RT: 8.36 min Scan# 2417

Delta R.T. -0.00 min

Lab File: VU024824.D

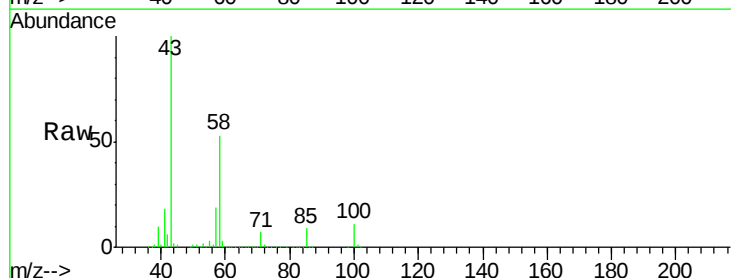
Acq: 21 Jun 2018 20:33

Tgt Ion: 43 Resp: 695245

Ion Ratio Lower Upper

43 100

58 52.4 26.4 79.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

8.36

500000

400000

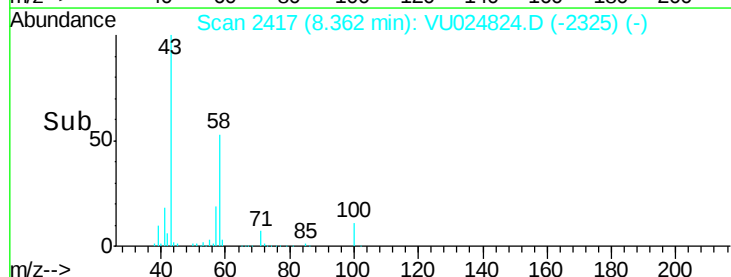
300000

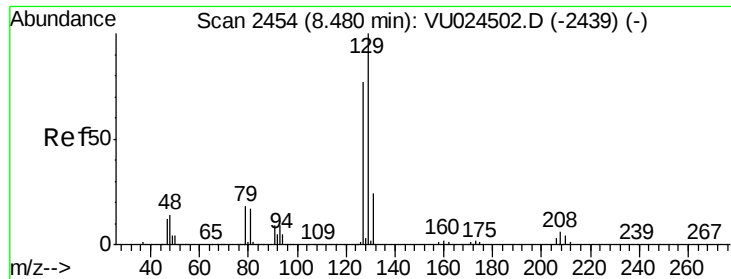
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 49.72 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MS

Tot Ion:129 Resp: 127803

Ion Ratio Lower Upper

129 100

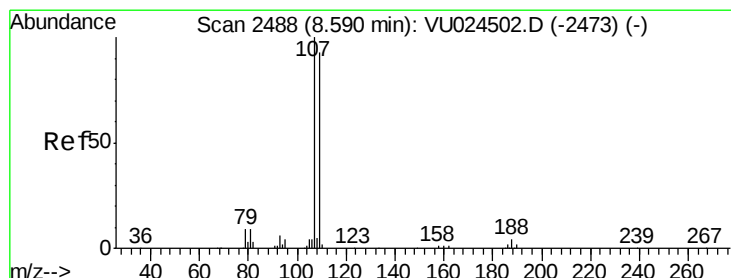
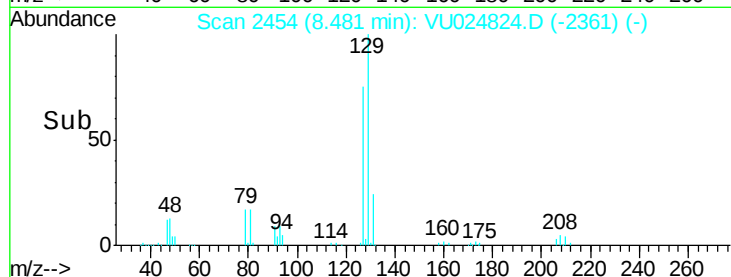
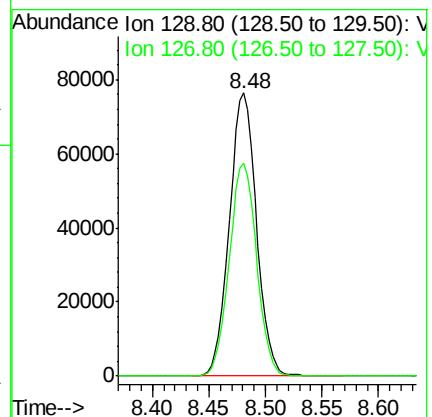
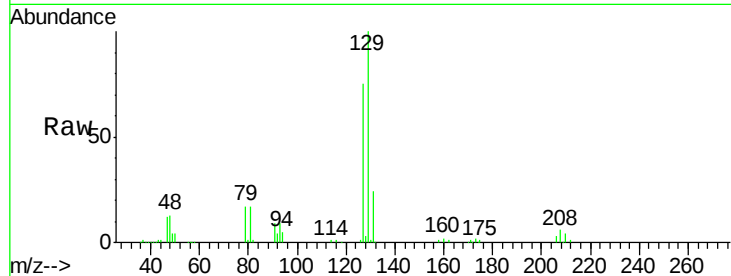
127 75.8 38.6 116.0

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#61

1,2-Dibromoethane

Concen: 51.06 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024824.D

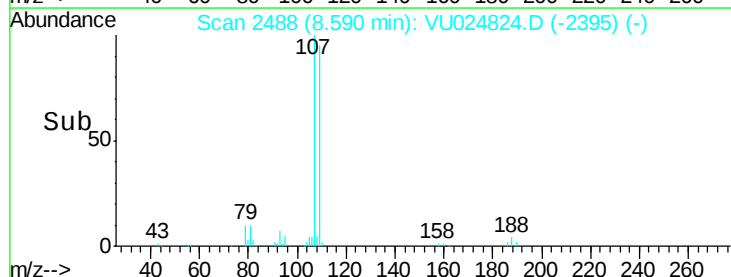
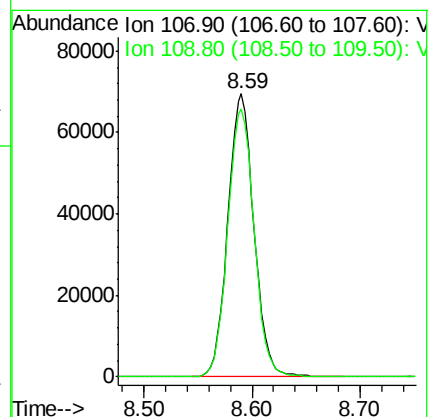
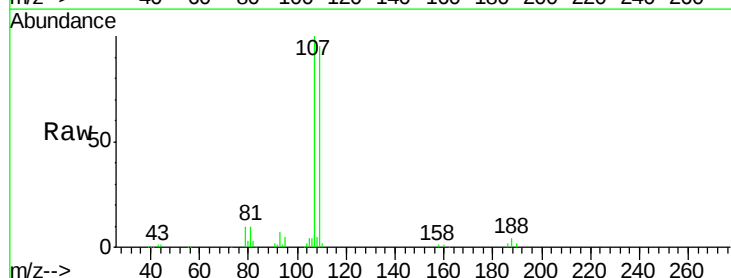
Acq: 21 Jun 2018 20:33

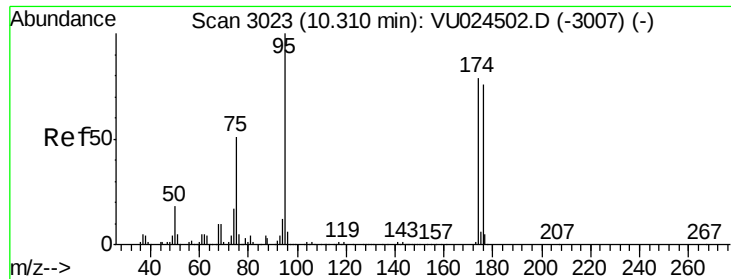
Tgt Ion:107 Resp: 117159

Ion Ratio Lower Upper

107 100

109 96.0 74.5 111.7





#62

4-Bromofluorobenzene

Concen: 43.52 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

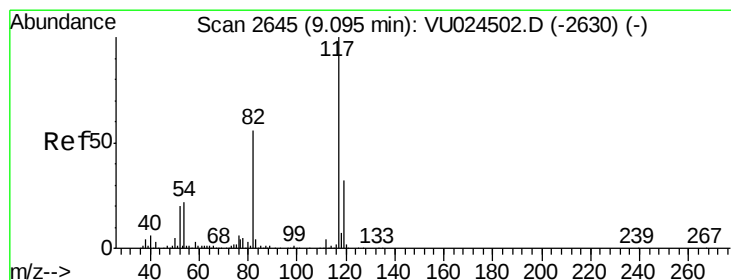
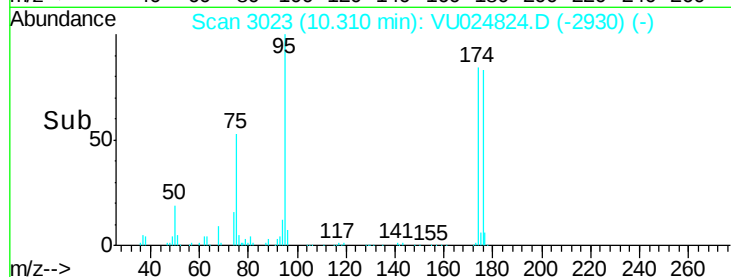
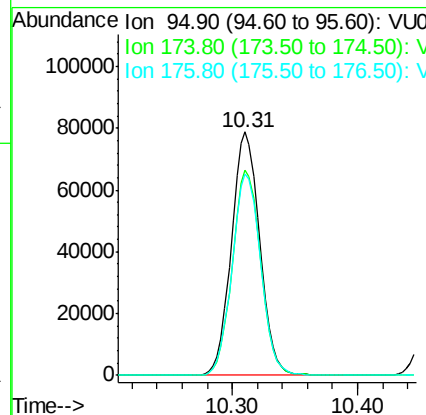
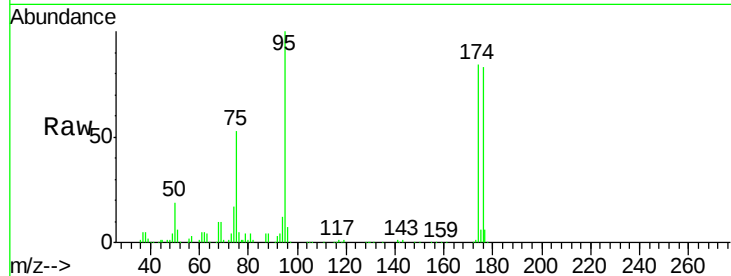
ClientSampled :

S39-0183MS

Tot Ion	95	Resp	123147
Ion Ratio	Lower	Upper	
95	100		
174	84.6	0.0	165.8
176	83.8	0.0	159.4

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

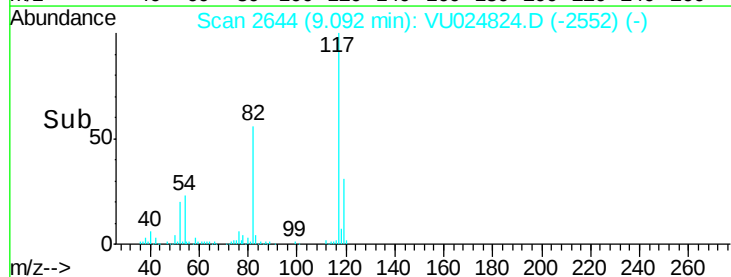
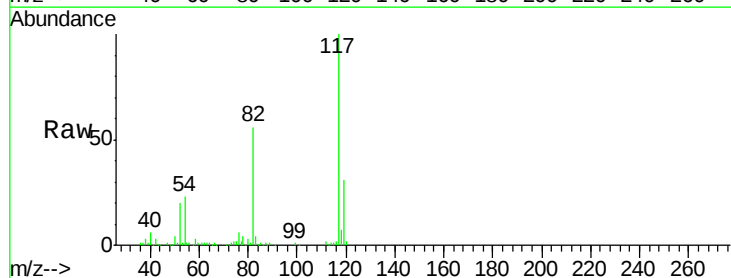
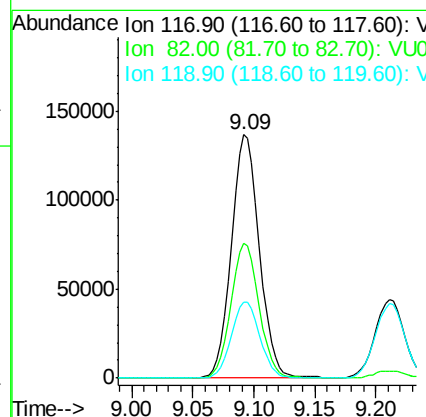
RT: 9.09 min Scan# 2644

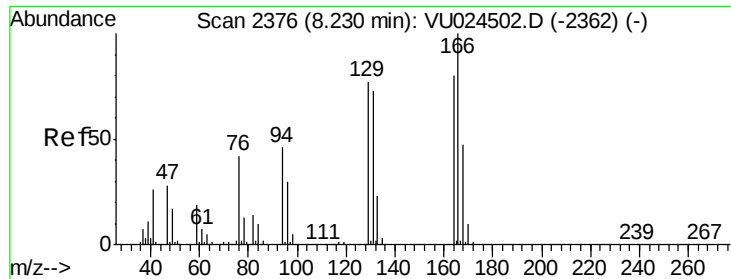
Delta R.T. -0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion	117	Resp	220077
Ion Ratio	Lower	Upper	
117	100		
82	55.5	44.3	66.5
119	31.4	25.4	38.2





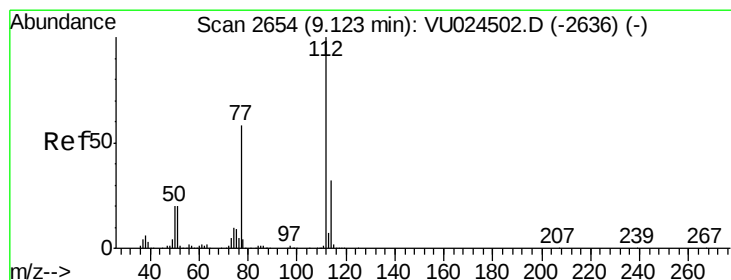
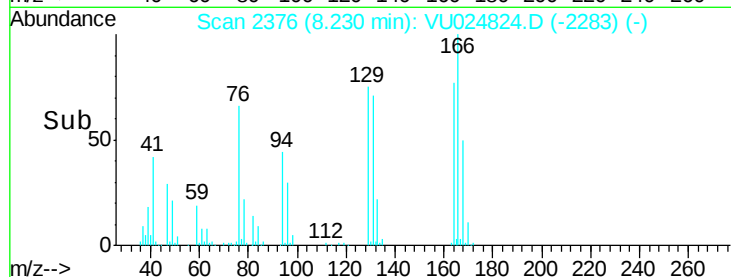
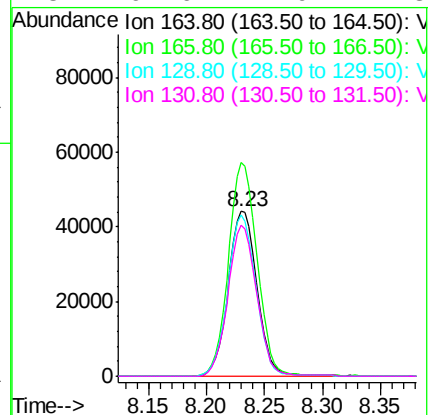
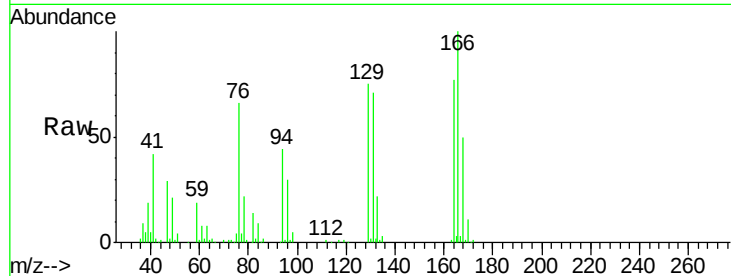
#64
Tetrachloroethene
Concen: 36.41 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.4	101.7	152.5
129	97.4	76.9	115.3
131	91.6	74.9	112.3

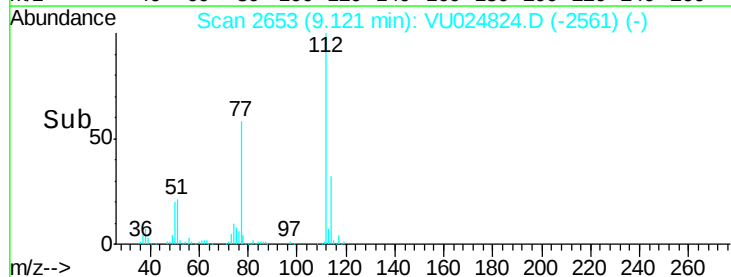
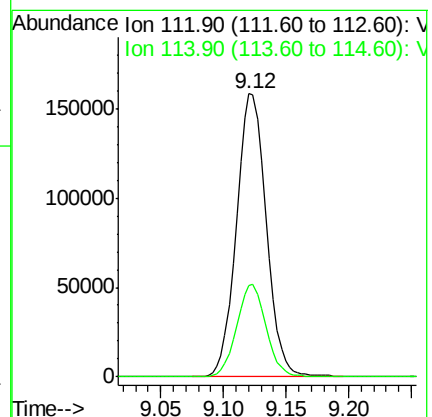
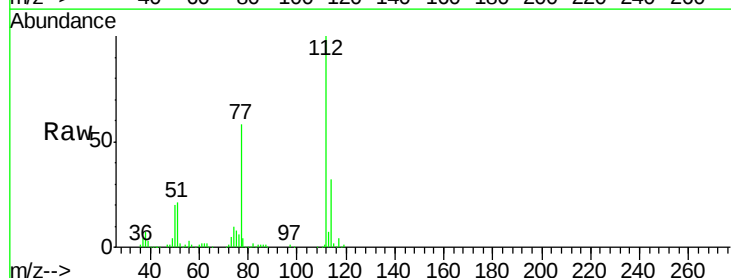
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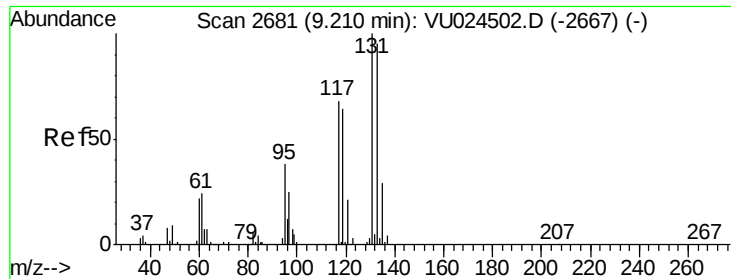
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#65
Chlorobenzene
Concen: 46.74 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 49.42 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

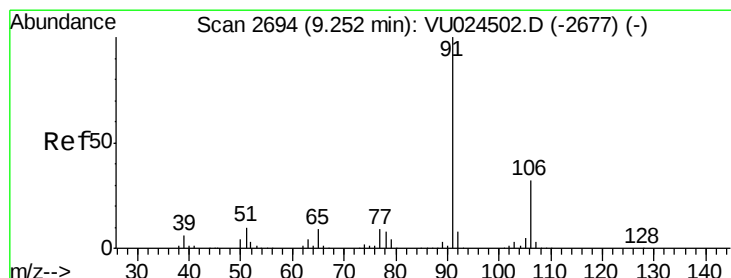
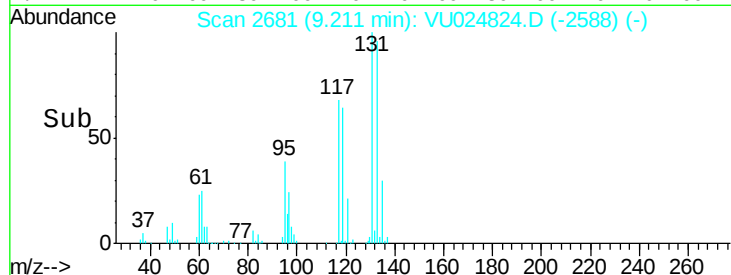
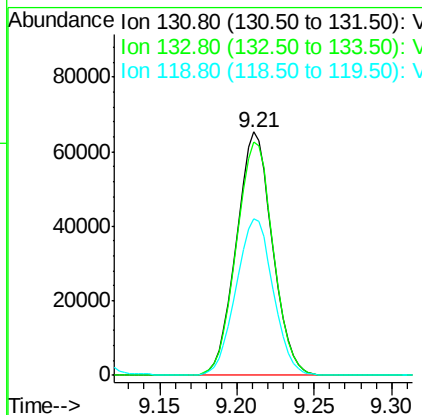
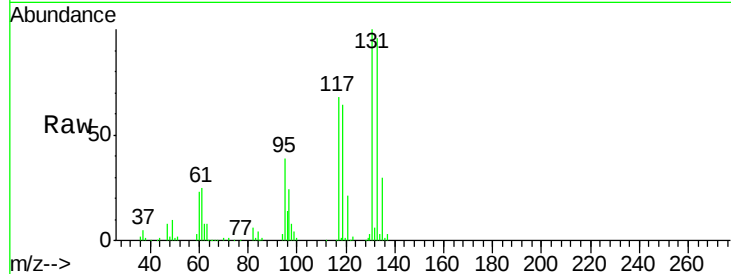
ClientSampleId :

S39-0183MS

Tot Ion:	131	Resp:	105570
Ion Ratio	Lower	Upper	
131	100		
133	98.3	46.9	140.8
119	66.6	33.5	100.4

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#67

Ethyl Benzene

Concen: 43.36 ug/l

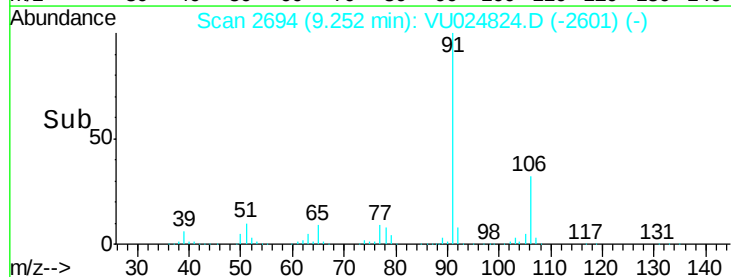
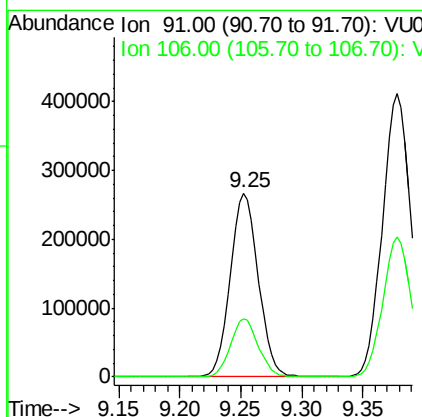
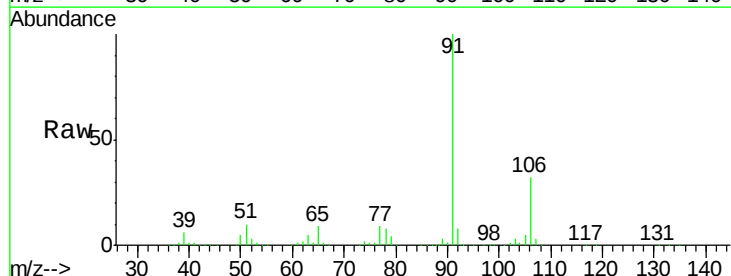
RT: 9.25 min Scan# 2694

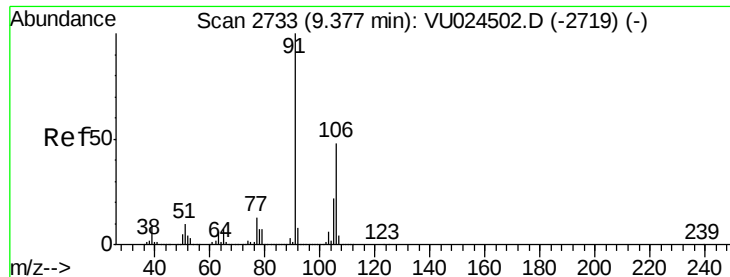
Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion:	91	Resp:	427368
Ion Ratio	Lower	Upper	
91	100		
106	31.8	24.2	36.4





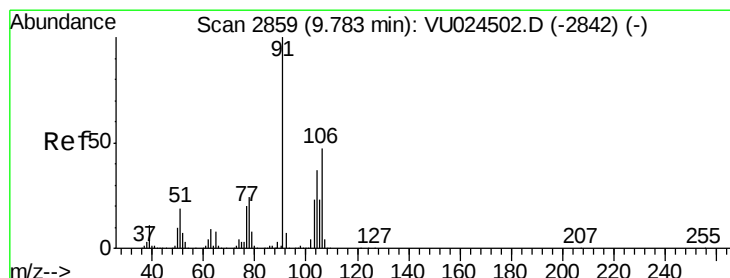
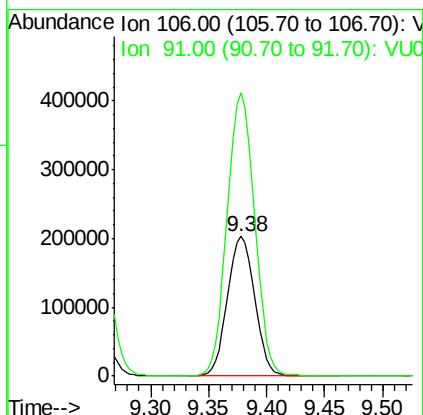
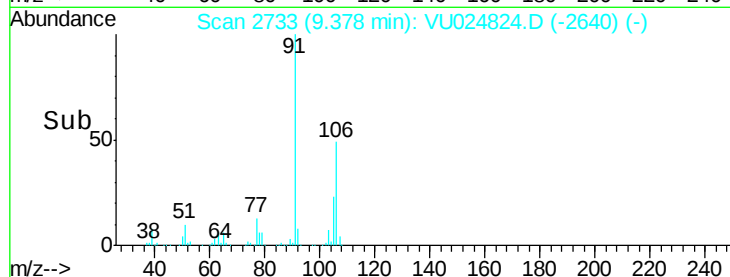
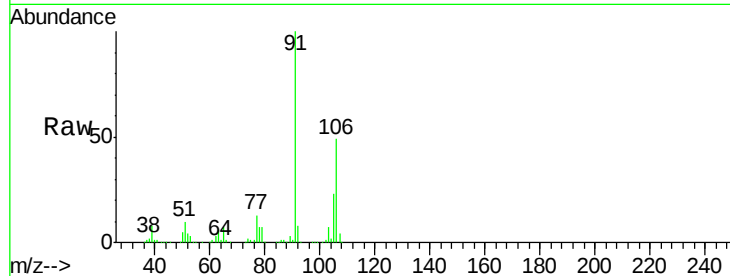
#68
m/p-Xylenes
Concen: 86.93 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	328993		
91	91	205.4	166.5	249.7	

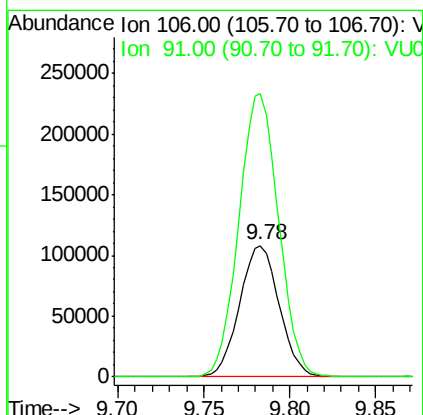
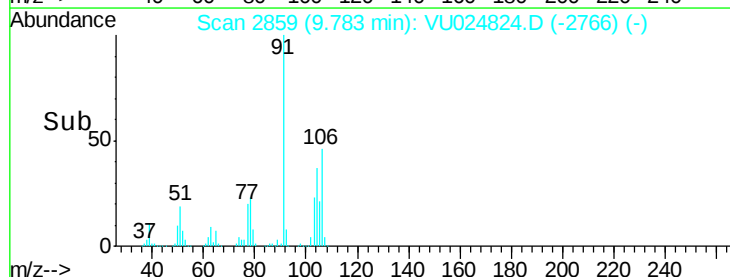
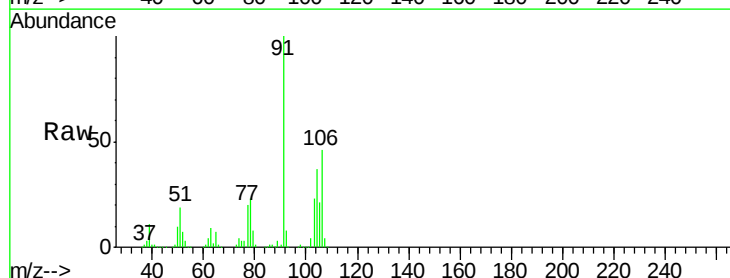
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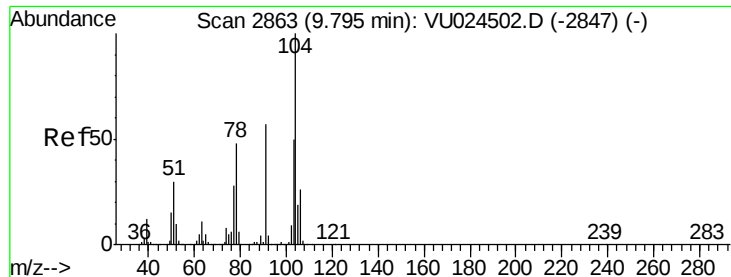
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#69
o-Xylene
Concen: 46.09 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	172640		
91	91	216.5	110.7	331.9	





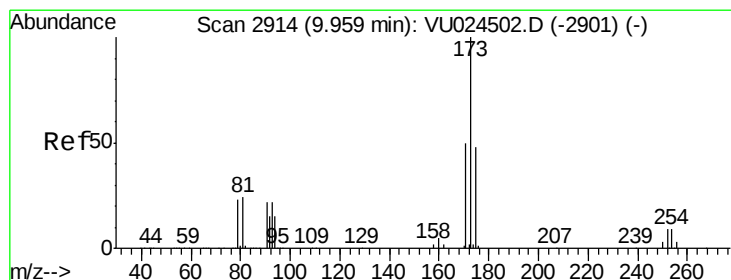
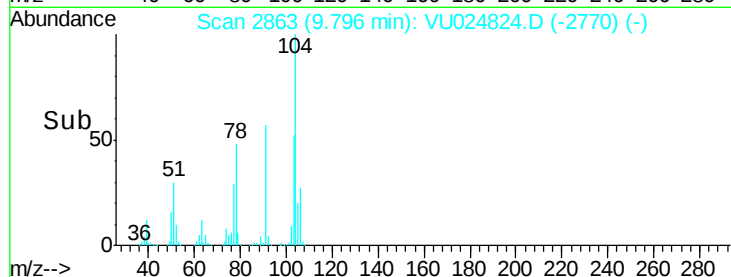
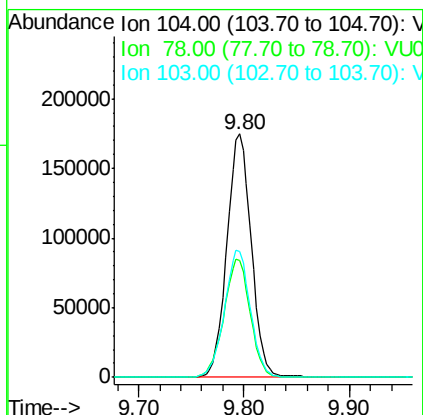
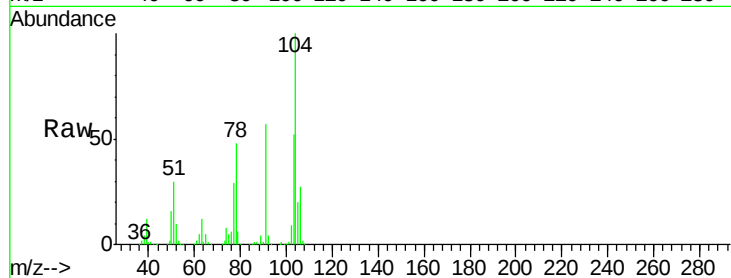
#70
Stvrene
Concen: 45.39 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	279383		
78	52.3		40.6	60.8
103	55.4		44.7	67.1

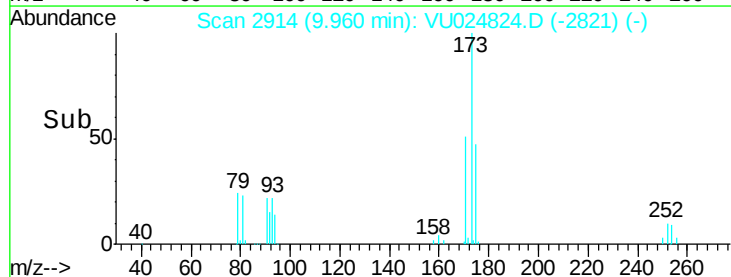
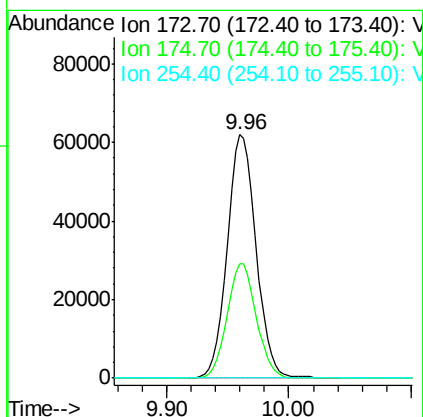
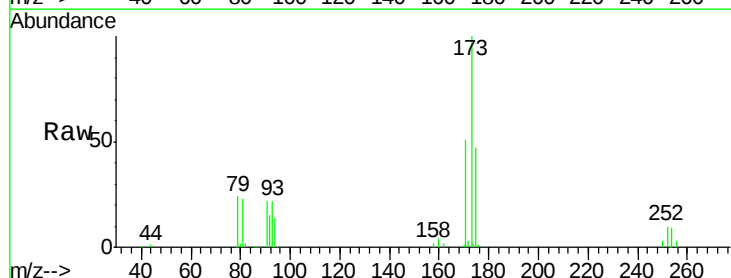
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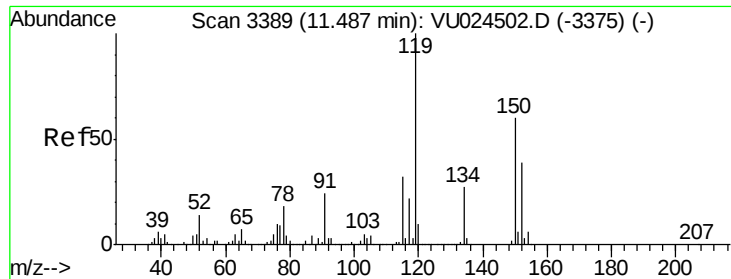
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#71
Bromoform
Concen: 50.41 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	102340		
175	47.6		24.6	74.0
254	0.0		0.0	0.0





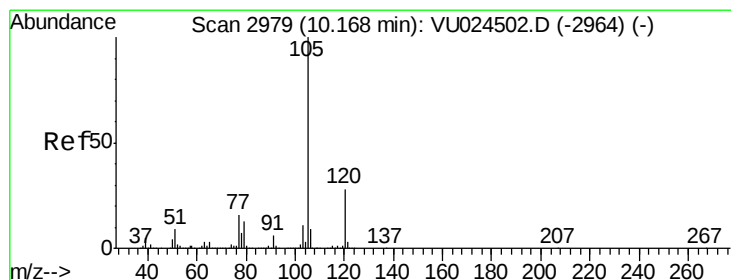
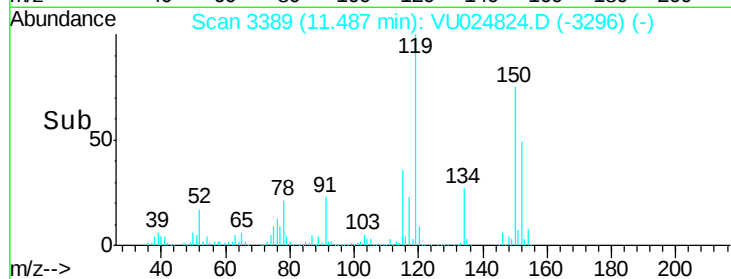
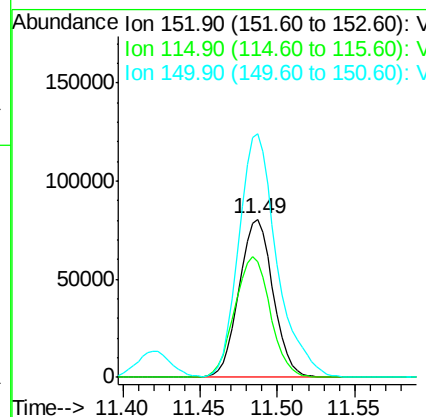
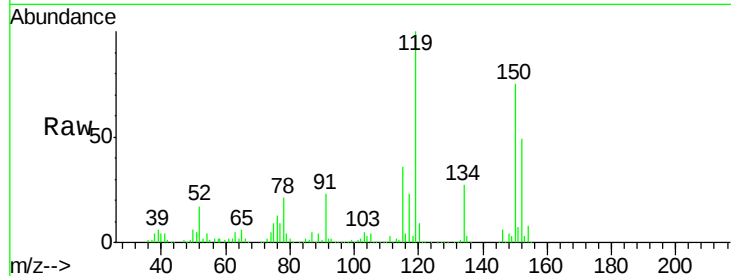
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	122768		
115	79.9	43.0	129.0	
150	173.0	0.0	354.0	

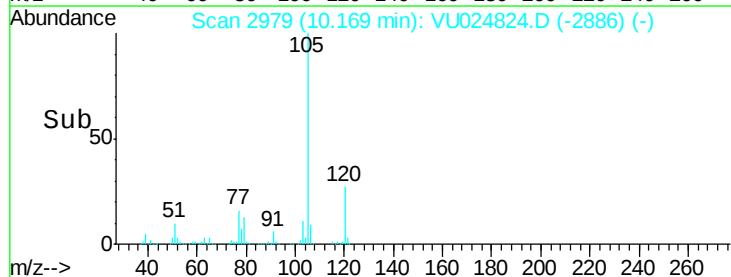
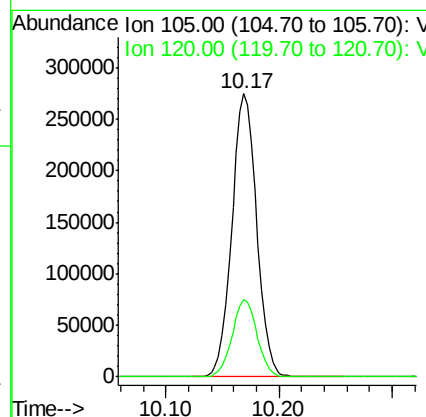
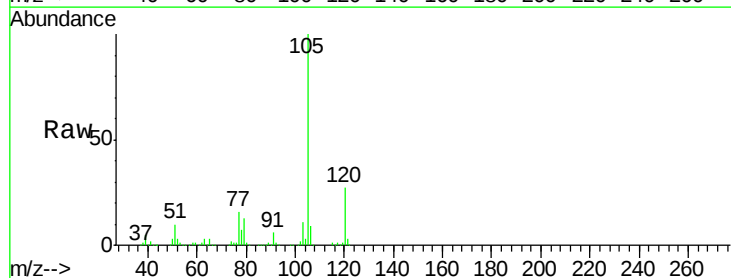
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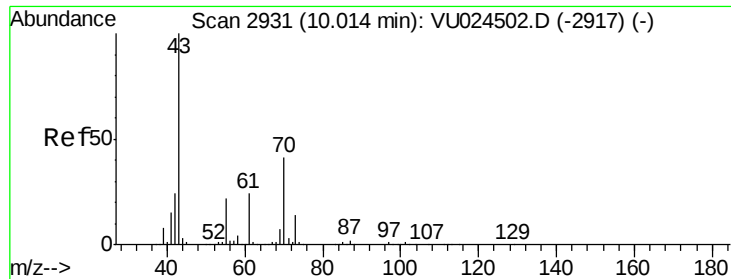
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#73
 Isopropylbenzene
 Concen: 44.35 ug/l
 RT: 10.17 min Scan# 2979
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	418038		
120	27.5	13.2	39.6	





#74

N-amvl acetate

Concen: 31.09 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

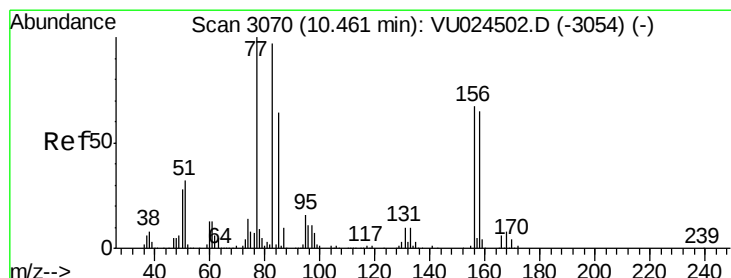
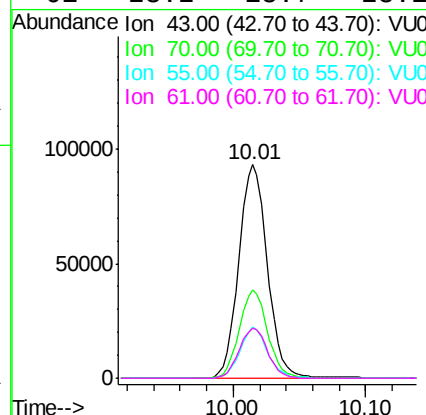
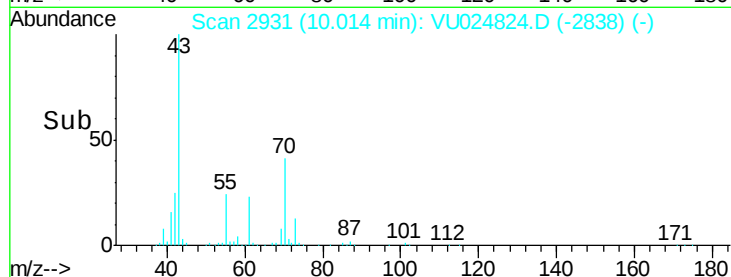
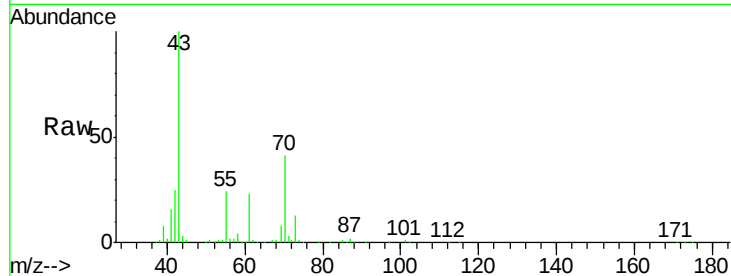
ClientSampled :

S39-0183MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100			
70	70	41.0		32.2	48.4
55	55	23.1		20.5	30.7
61	61	23.2		18.7	28.1

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#75

1,1,2,2-Tetrachloroethane

Concen: 59.08 ug/l

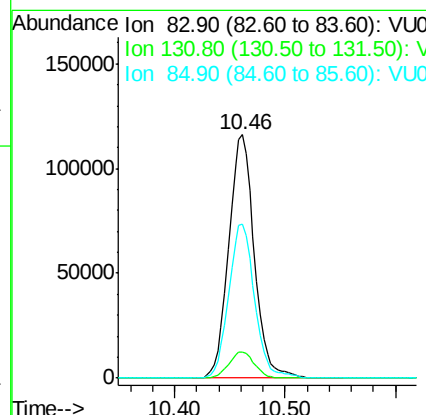
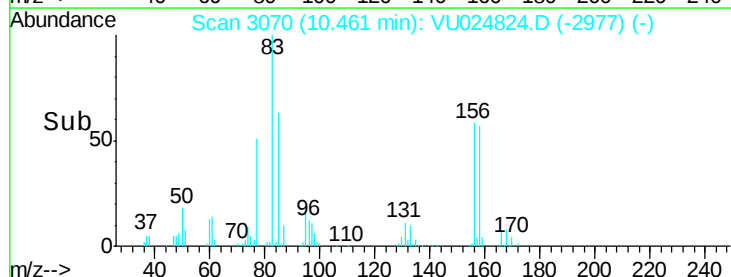
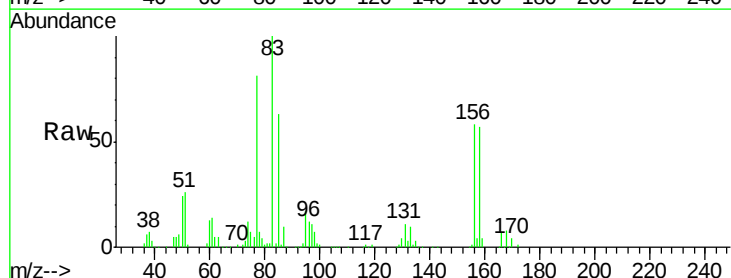
RT: 10.46 min Scan# 3070

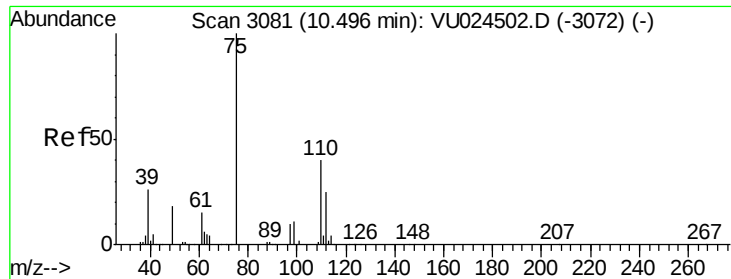
Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100			
131	131	10.7		4.7	14.1
85	85	64.5		32.5	97.5





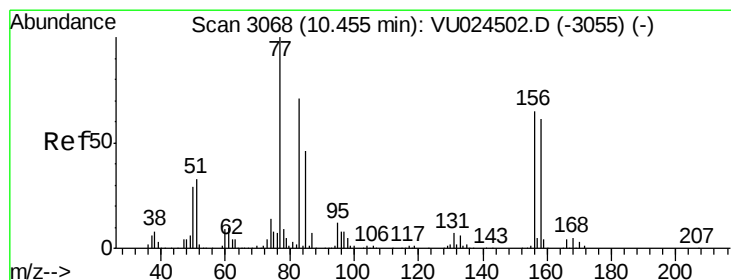
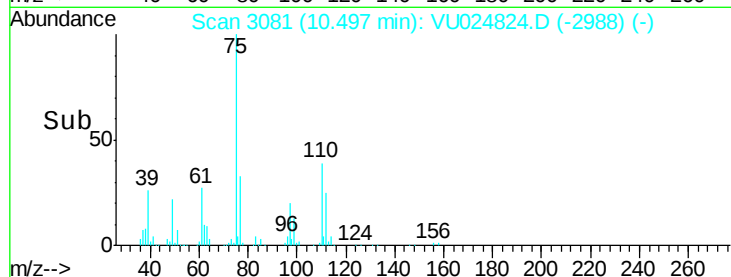
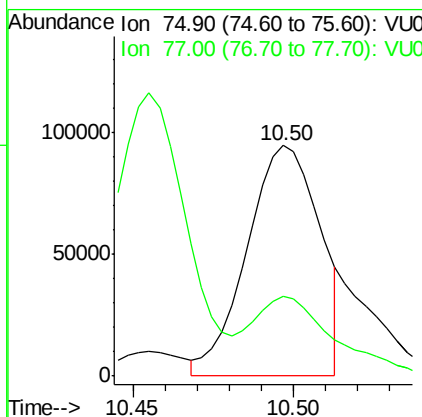
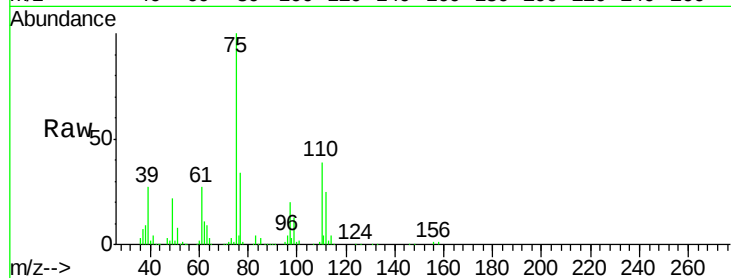
#76
 1,2,3-Trichloropropane
 Concen: 55.75 ug/l m
 RT: 10.50 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Instrument :
 MSVOA_U
 ClientSampled :
 S39-0183MS

Tot Ion: 75 Resp: 150697
 Ion Ratio Lower Upper
 75 100
 77 39.5 20.9 62.7

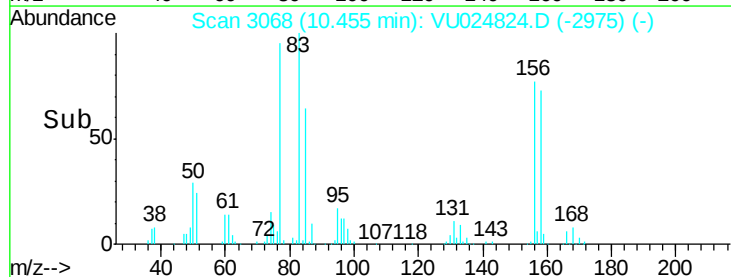
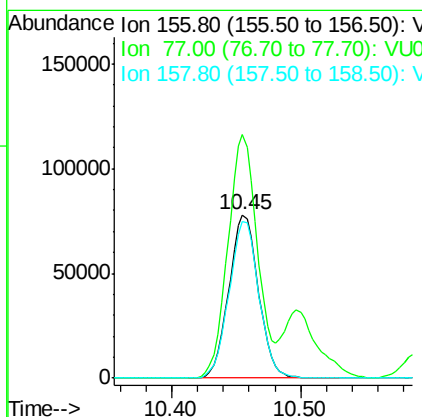
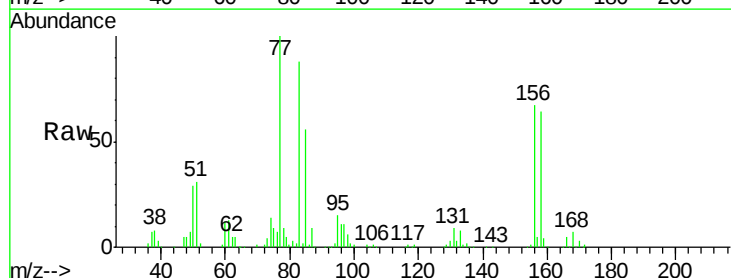
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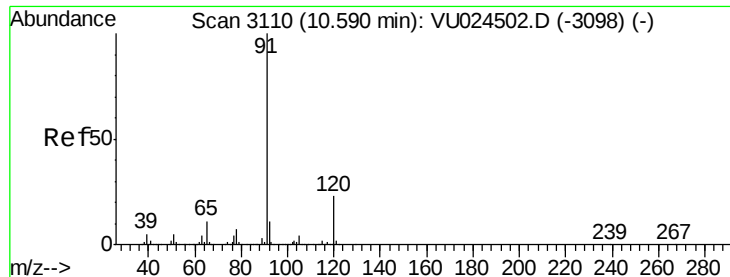
apatel
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#77
 Bromobenzene
 Concen: 51.99 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Tgt Ion: 156 Resp: 124048
 Ion Ratio Lower Upper
 156 100
 77 149.2 80.5 241.3
 158 96.7 48.2 144.6





#78

n-propylbenzene

Concen: 40.71 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MS

Tot Ion: 91 Resp: 452010

Ion Ratio Lower Upper

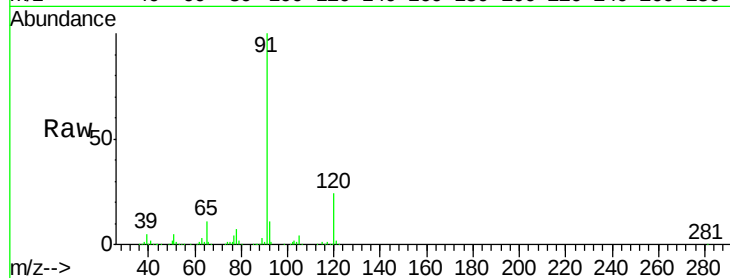
91 100

120 23.5 11.2 33.5

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Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

300000

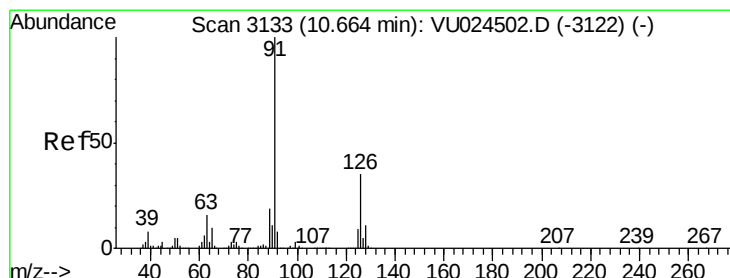
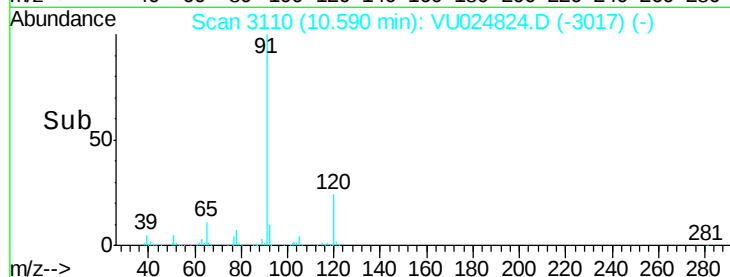
200000

100000

0

10.55 10.60 10.65

Time-->



#79

2-Chlorotoluene

Concen: 46.24 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024824.D

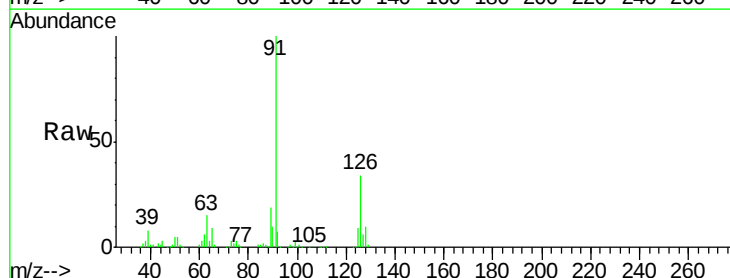
Acq: 21 Jun 2018 20:33

Tgt Ion: 91 Resp: 302782

Ion Ratio Lower Upper

91 100

126 34.3 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

300000

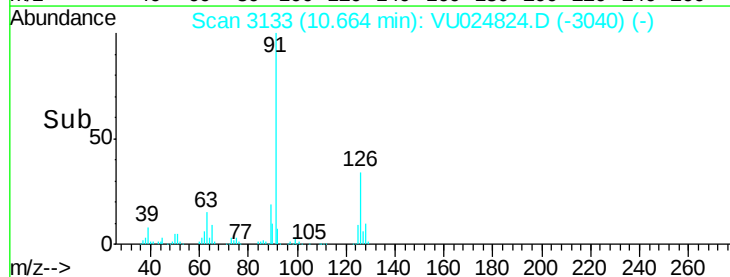
200000

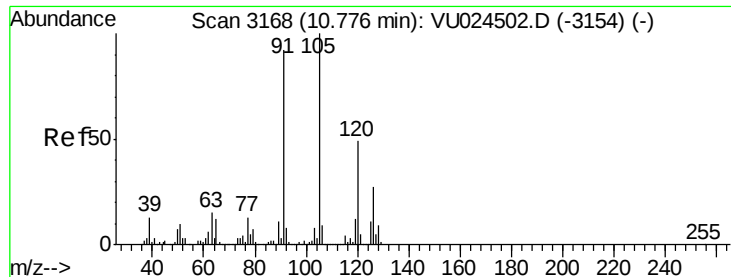
100000

0

10.60 10.65 10.70

Time-->





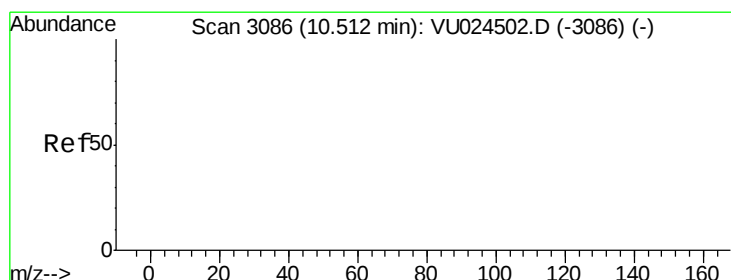
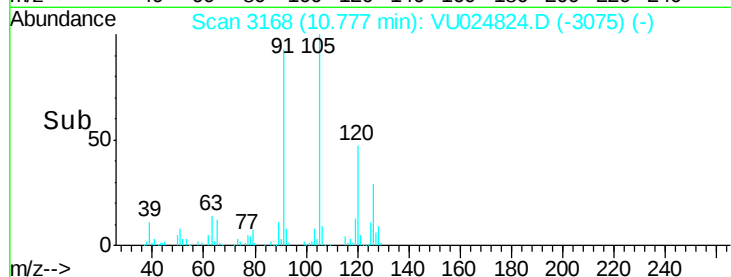
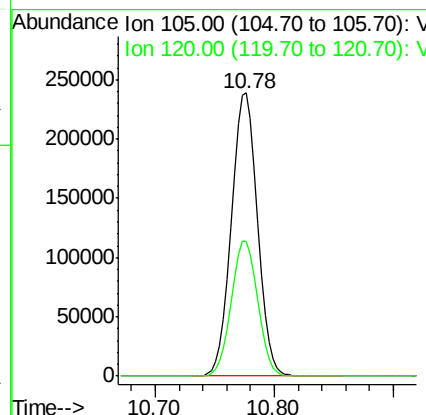
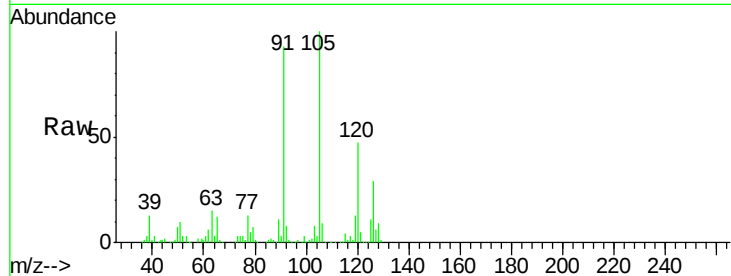
#80
 1,3,5-Trimethylbenzene
 Concen: 44.42 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Instrument :
 MSVOA_U
 ClientSampled :
 S39-0183MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.2

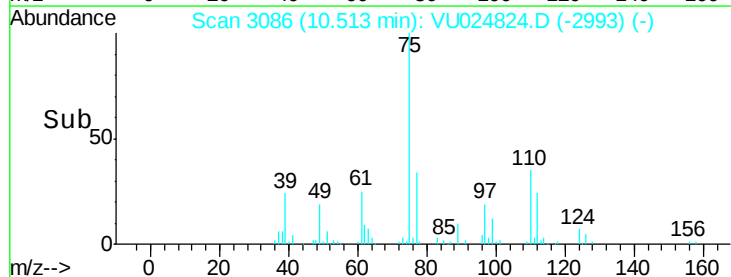
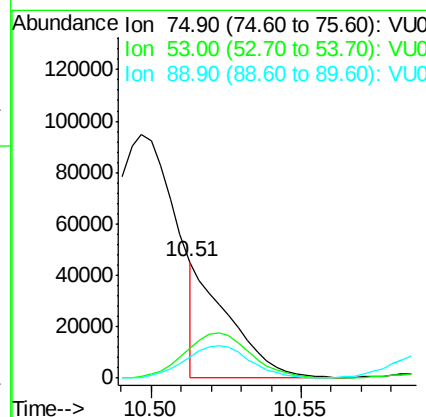
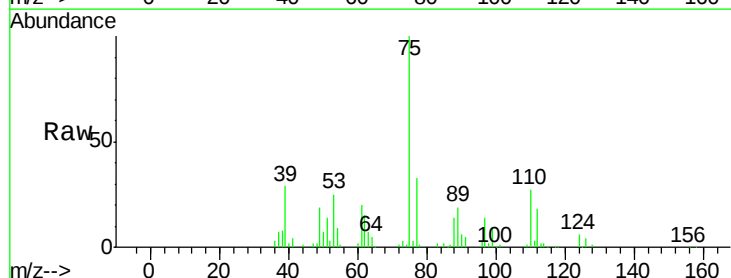
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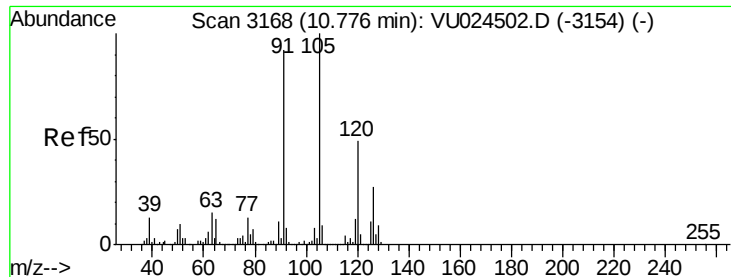
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 30.64 ug/l m
 RT: 10.51 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

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





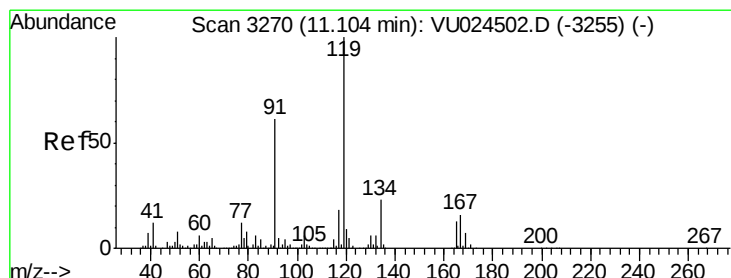
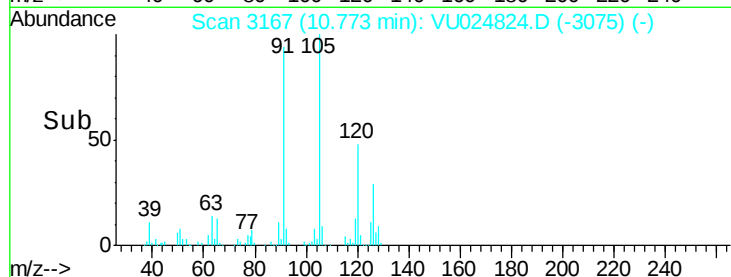
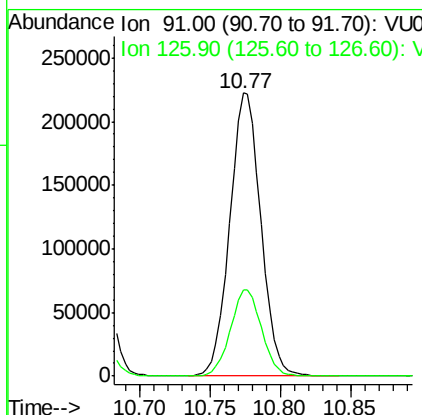
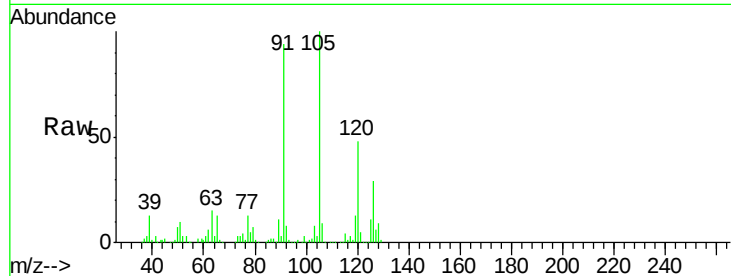
#82
4-Chlorotoluene
Concen: 44.81 ug/l
RT: 10.77 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Instrument :
MSVOA_U
ClientSampled :
S39-0183MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	341488		
126	30.3	14.9	44.9	

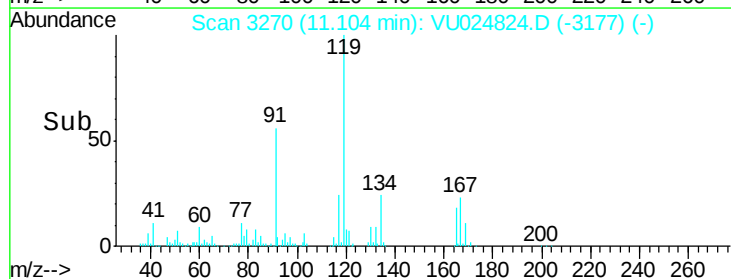
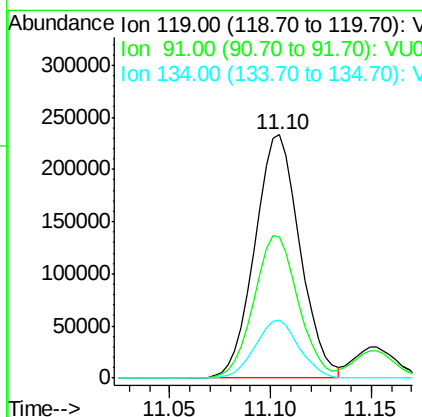
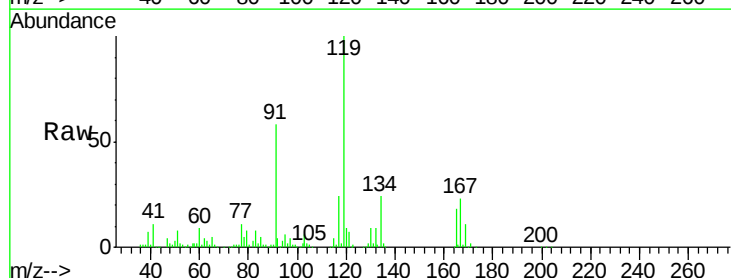
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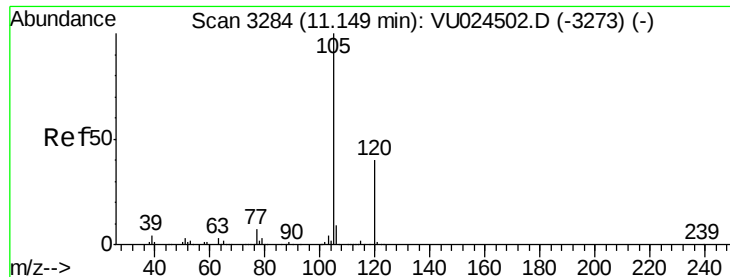
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#83
tert-Butylbenzene
Concen: 46.33 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024824.D
Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	364075		
91	57.8	29.7	89.1	
134	23.2	11.6	34.7	





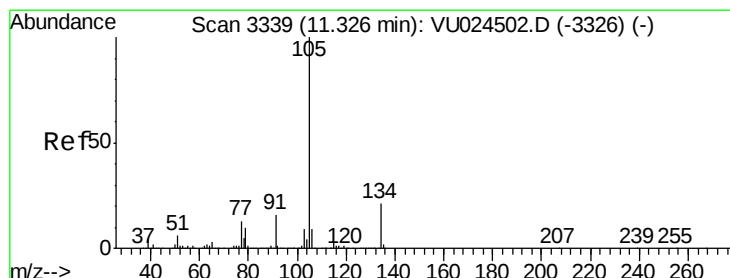
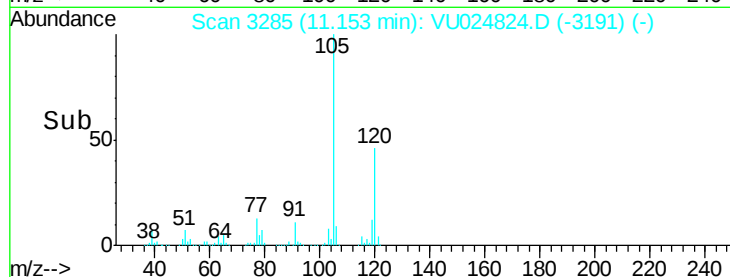
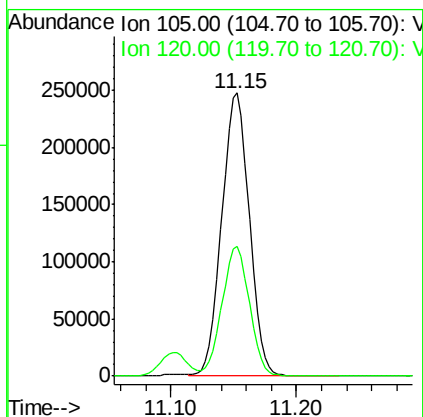
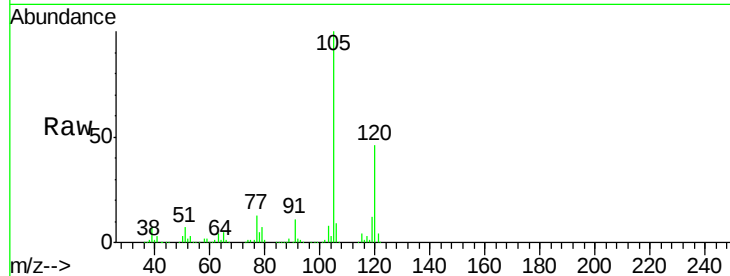
#84
 1,2,4-Trimethylbenzene
 Concen: 45.41 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Instrument :
 MSVOA_U
 ClientSampled :
 S39-0183MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.8

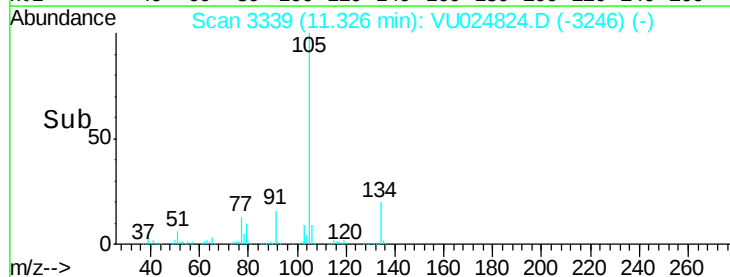
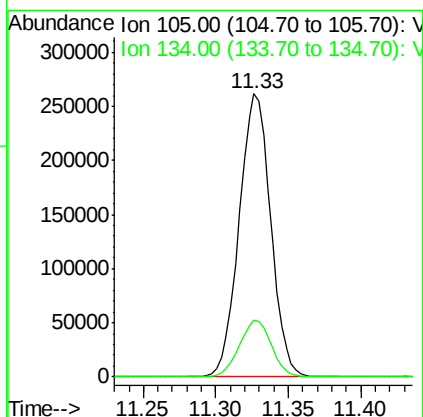
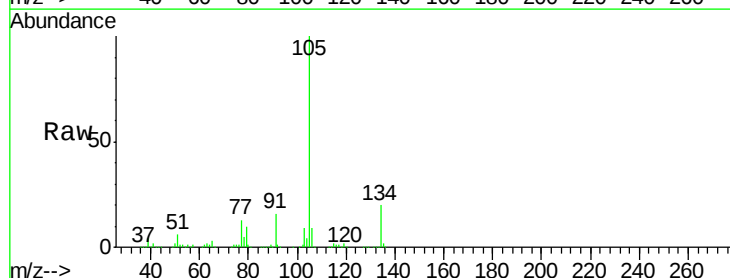
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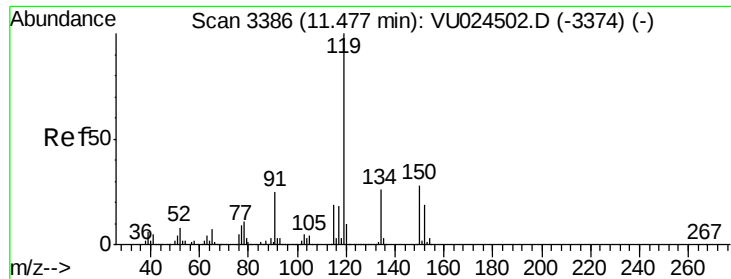
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#85
 sec-Butylbenzene
 Concen: 40.20 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.4	9.7	29.1





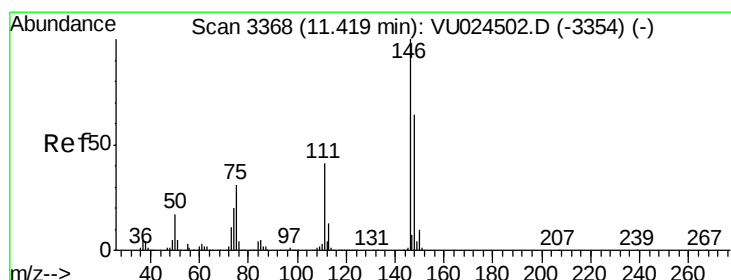
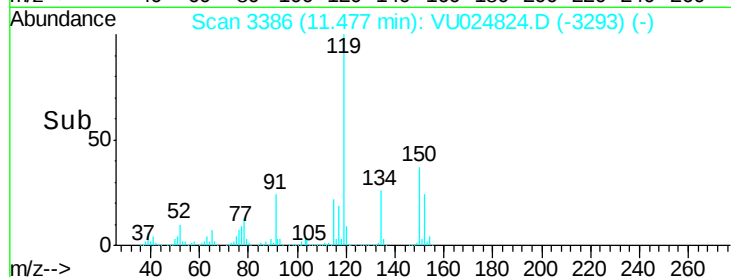
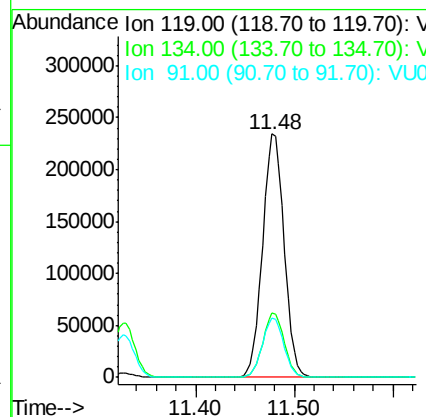
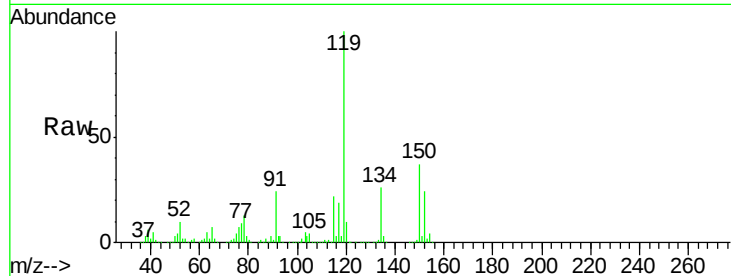
#86
 p-Isopropyltoluene
 Concen: 39.93 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	351751		
134	26.3	12.9	38.6	
91	24.2	12.0	36.1	

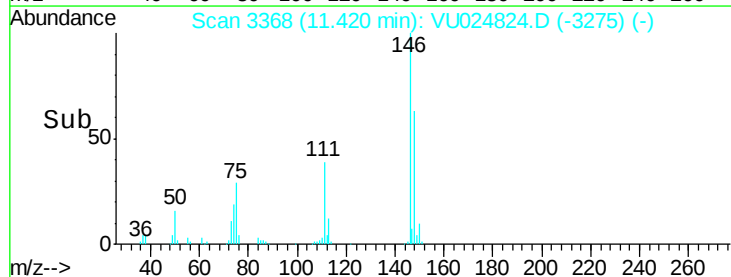
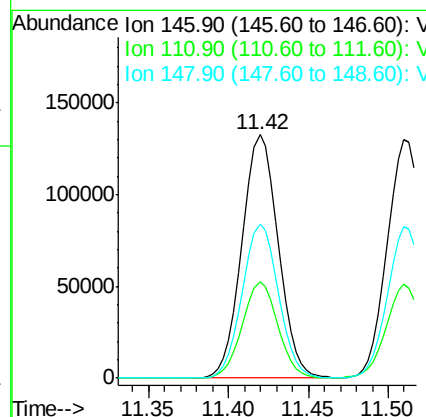
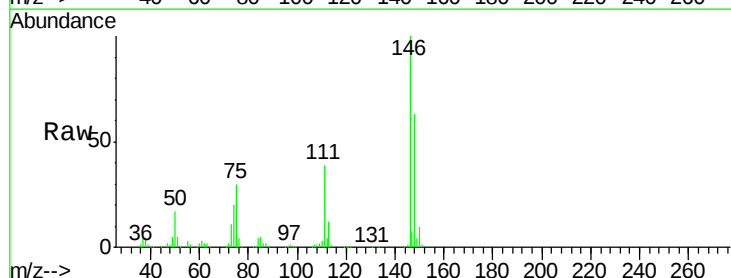
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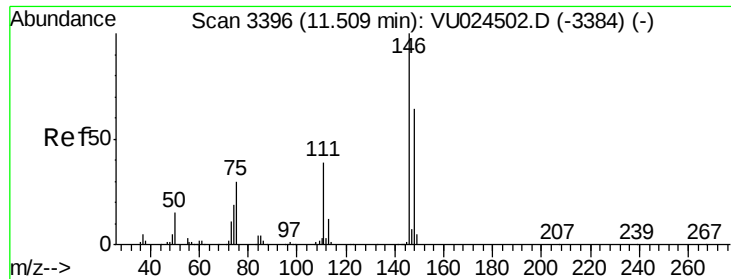
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#87
 1,3-Dichlorobenzene
 Concen: 46.51 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	205046		
111	38.7	20.0	60.0	
148	63.2	32.1	96.5	





#88

1,4-Dichlorobenzene

Concen: 46.08 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

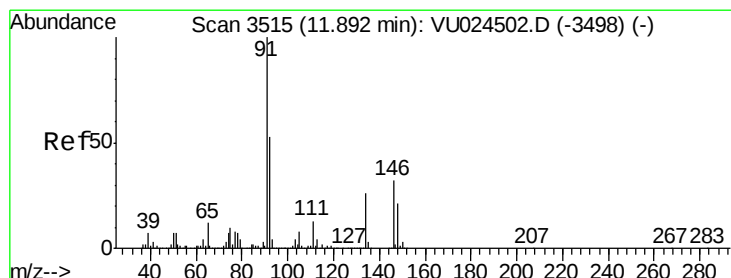
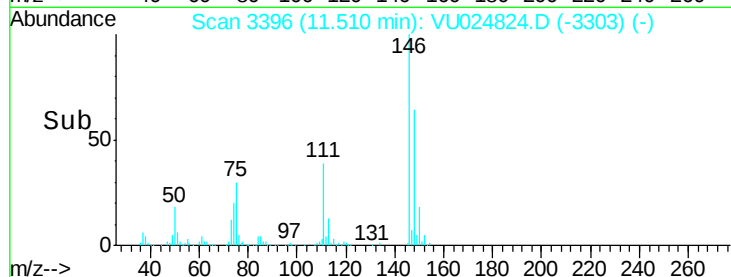
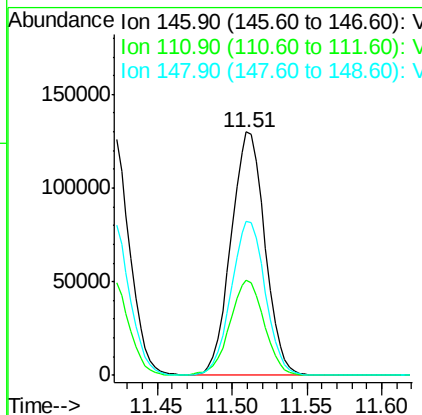
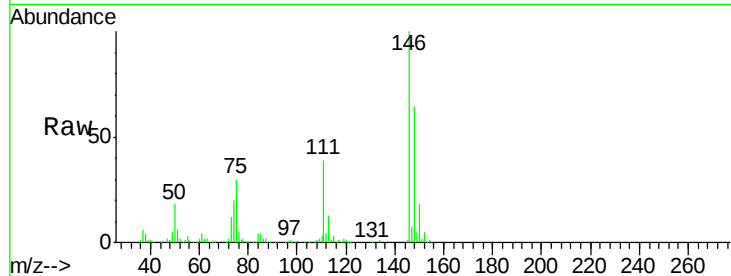
ClientSampleId :

S39-0183MS

Tot Ion:	146	Resp:	204457
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.5	58.5
148	63.9	32.4	97.0

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#89

n-Butylbenzene

Concen: 33.56 ug/l

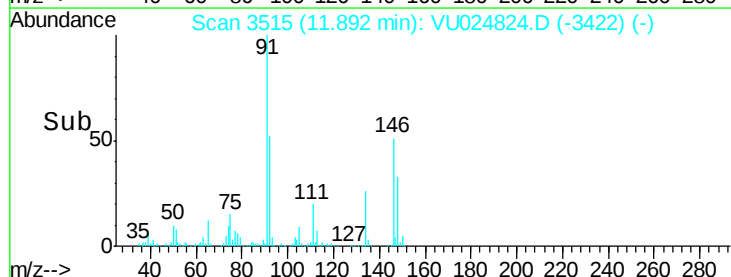
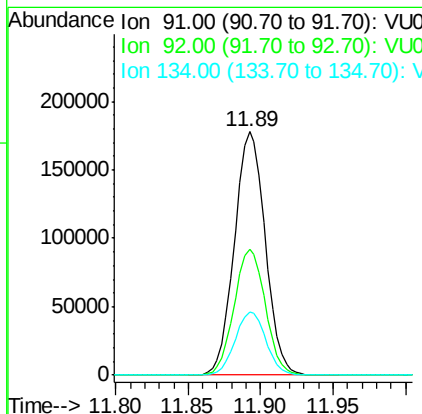
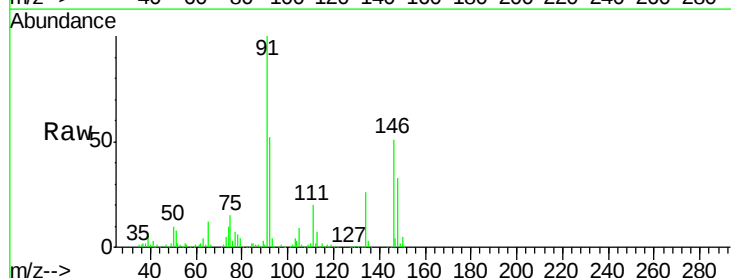
RT: 11.89 min Scan# 3515

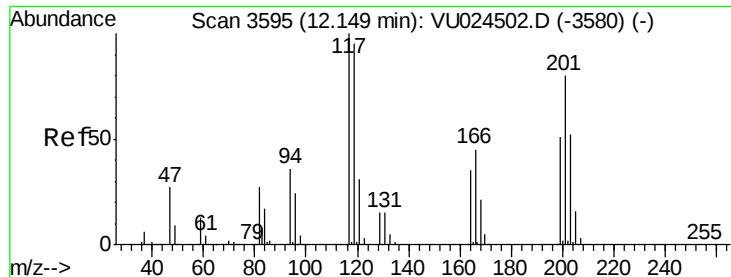
Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion:	91	Resp:	262474
Ion Ratio	Lower	Upper	
91	100		
92	52.3	25.6	76.8
134	25.9	12.3	36.8





#90

Hexachloroethane

Concen: 39.84 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MS

Tot Ion:117 Resp: 68472

Ion Ratio Lower Upper

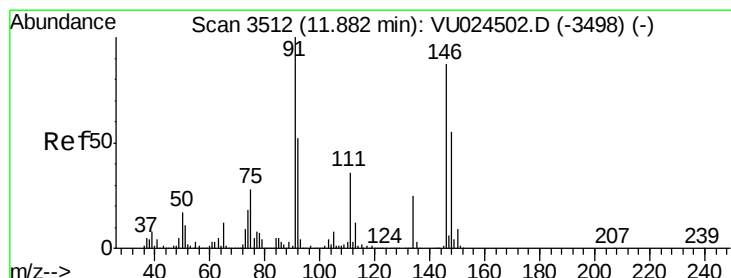
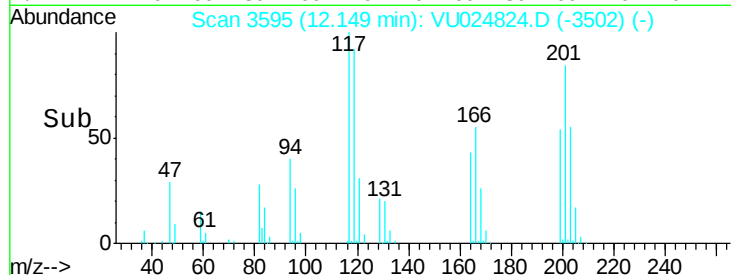
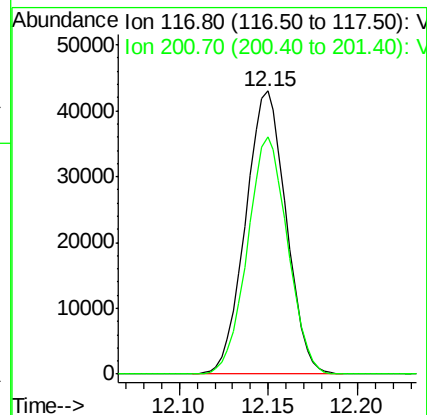
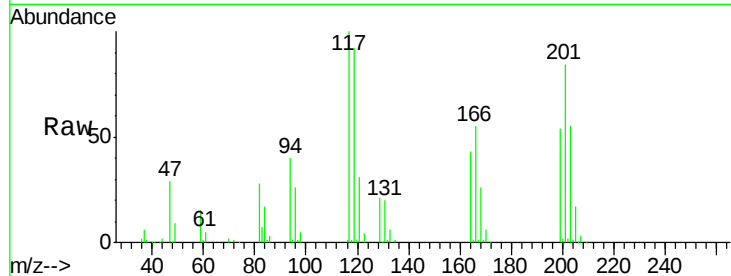
117 100

201 83.0 41.1 123.3

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#91

1,2-Dichlorobenzene

Concen: 50.44 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

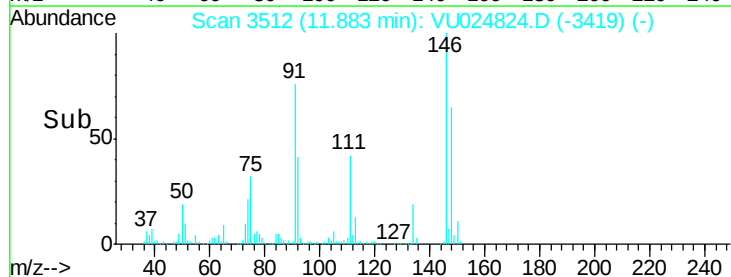
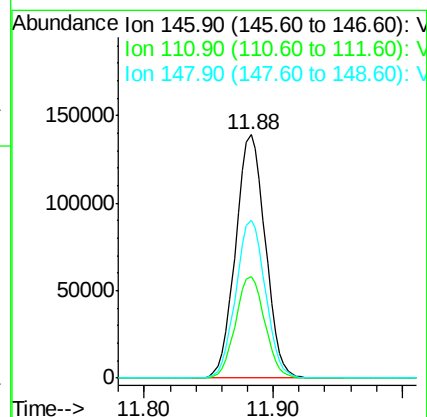
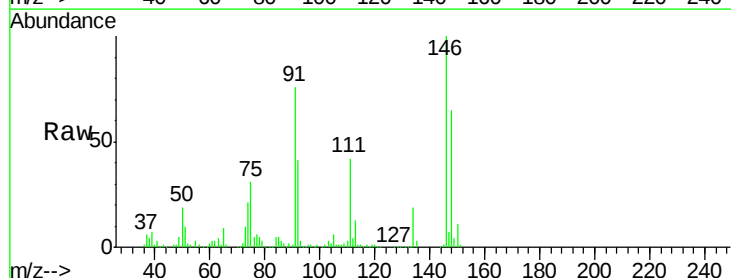
Tgt Ion:146 Resp: 222729

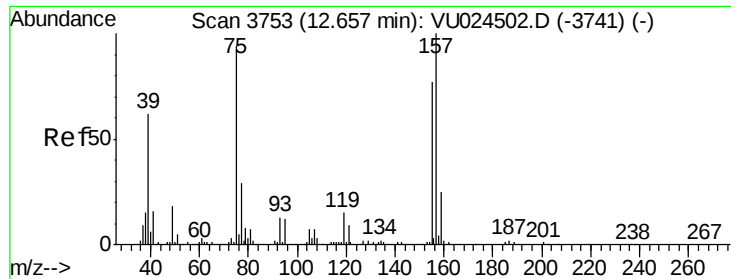
Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.6

148 64.6 31.9 95.7





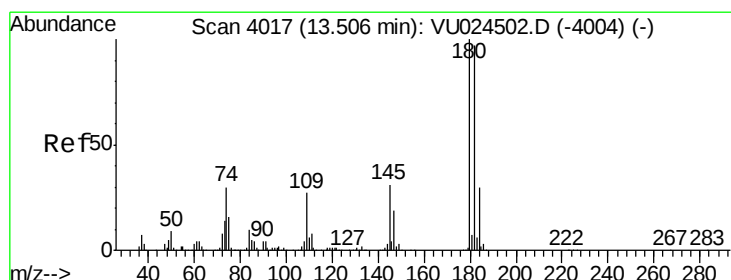
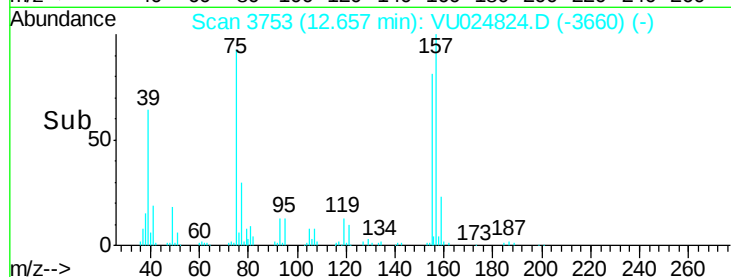
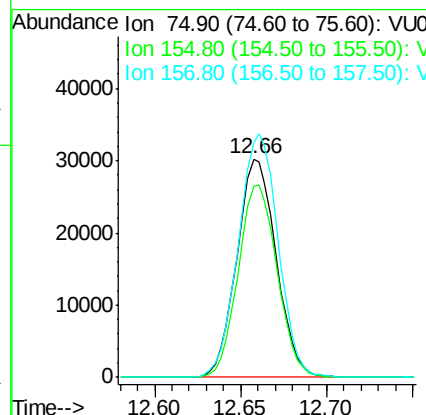
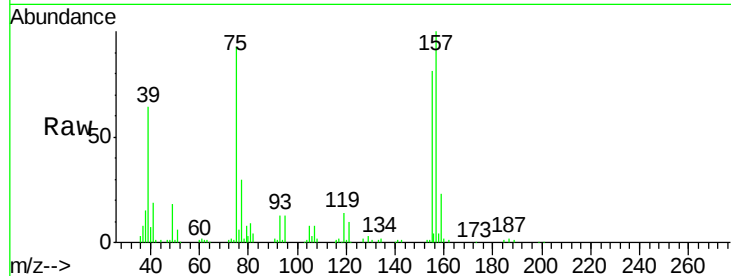
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.27 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	86.9	40.4	121.2
157	112.4	52.3	156.8

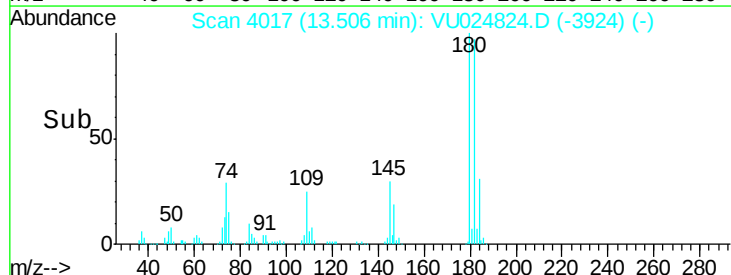
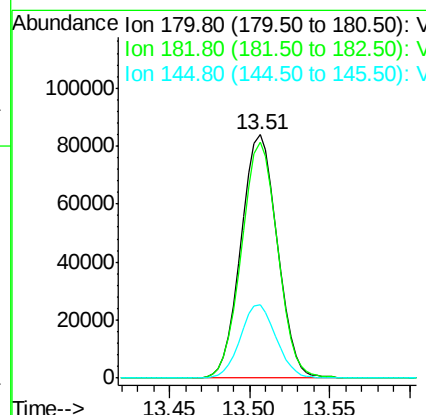
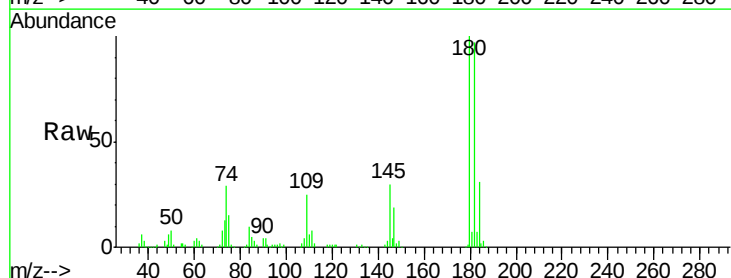
Manual Integrations
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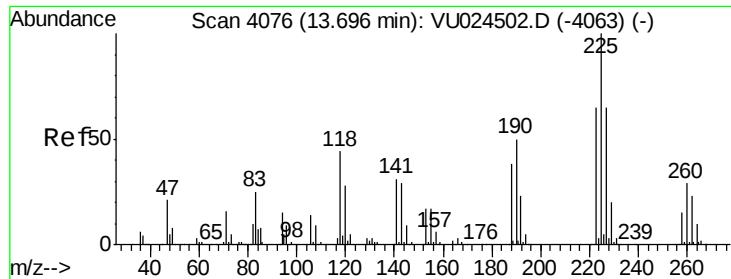
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#93
 1,2,4-Trichlorobenzene
 Concen: 47.52 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.0	144.2
145	29.7	14.7	44.1





#94

Hexachlorobutadiene

Concen: 33.28 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Instrument :

MSVOA_U

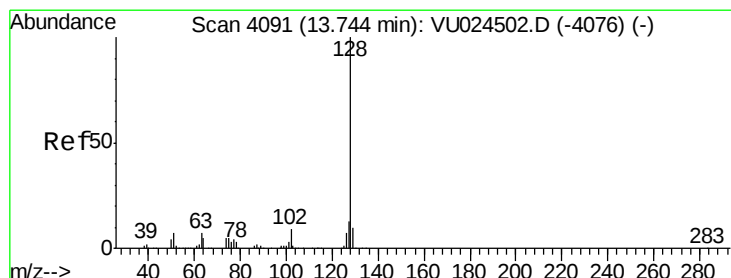
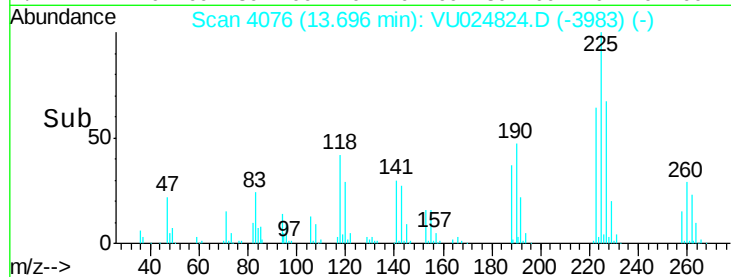
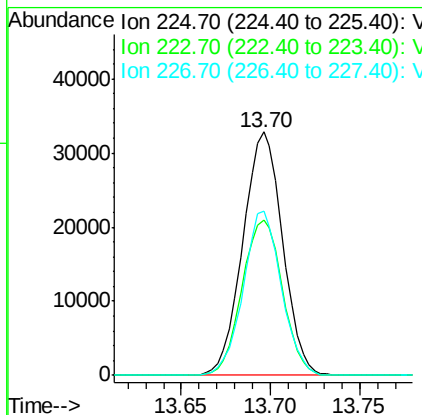
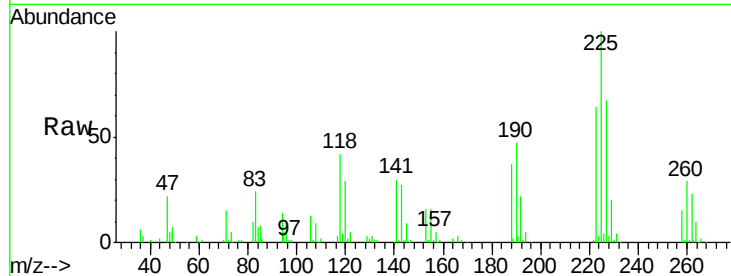
ClientSampled :

S39-0183MS

Tot Ion:	225	Resp:	51080
Ion Ratio	Lower	Upper	
225	100		
223	65.0	31.3	93.8
227	64.4	31.8	95.4

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#95

Naphthalene

Concen: 56.96 ug/l

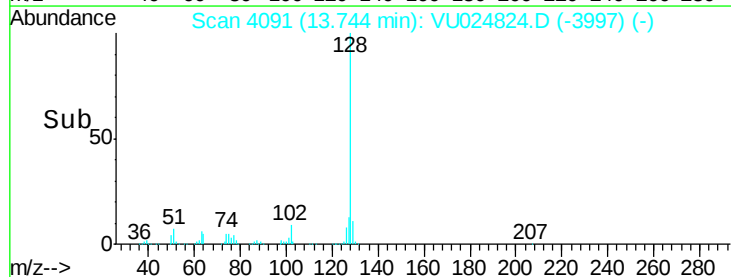
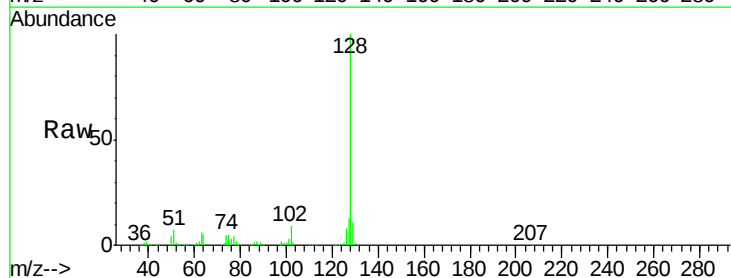
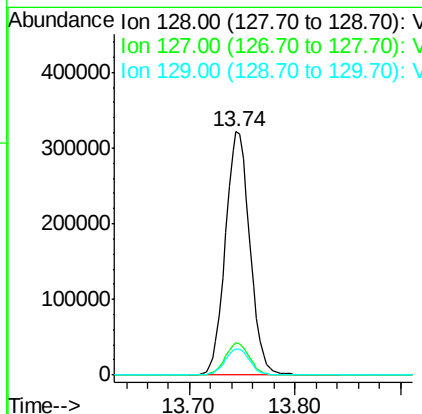
RT: 13.74 min Scan# 4091

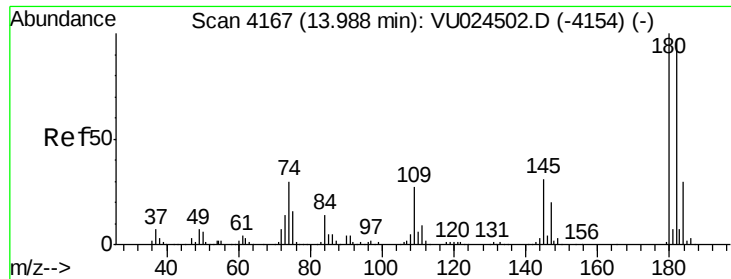
Delta R.T. 0.00 min

Lab File: VU024824.D

Acq: 21 Jun 2018 20:33

Tgt Ion:	128	Resp:	515046
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.8	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 52.91 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. 0.00 min
 Lab File: VU024824.D
 Acq: 21 Jun 2018 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.4	47.9	143.7
145	32.3	15.4	46.1

Manual Integrations
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