

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062018\
 Data File : VU024773.D
 Acq On : 20 Jun 2018 21:35
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 6/21/2018 1:44:51 PM

Quant Time: Jun 21 08:22:43 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	181417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	279229	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	268580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	129315	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	
35) Dibromofluoromethane	4.89	113	104611	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
50) Toluene-d8	7.57	98	380394	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	
62) 4-Bromofluorobenzene	10.31	95	153169	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	102116	44.97	ug/l	100
3) Chloromethane	1.33	50	107312	46.26	ug/l	99
4) Vinyl Chloride	1.40	62	114114	47.70	ug/l	100
5) Bromomethane	1.62	94	66391	57.40	ug/l	97
6) Chloroethane	1.69	64	73385	55.00	ug/l	99
7) Trichlorofluoromethane	1.89	101	177737	48.68	ug/l	100
8) Diethyl Ether	2.10	74	67937	54.86	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	100010	44.15	ug/l	96
10) Methyl Iodide	2.41	142	87454	46.08	ug/l	99
11) Tert butyl alcohol	2.82	59	147357	204.58	ug/l	100
12) 1,1-Dichloroethene	2.28	96	93924	45.47	ug/l	92
13) Acrolein	2.19	56	75293	199.06	ug/l	99
14) Allyl chloride	2.59	41	163472	42.62	ug/l	95
15) Acrylonitrile	2.93	53	334804	238.90	ug/l	99
16) Acetone	2.32	43	302577	190.14	ug/l	97
17) Carbon Disulfide	2.48	76	283416	42.85	ug/l	99
18) Methyl Acetate	2.62	43	174841	51.25	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	368559	47.46	ug/l	98
20) Methylene Chloride	2.70	84	114418	45.82	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	103254	45.38	ug/l	97
22) Diisopropyl ether	3.57	45	367913	48.39	ug/l	98
23) Vinyl Acetate	3.53	43	1626340	238.78	ug/l	99
24) 1,1-Dichloroethane	3.45	63	204808	46.83	ug/l	100
25) 2-Butanone	4.26	43	493381	230.82	ug/l	97
26) 2,2-Dichloropropane	4.23	77	166614	40.12	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	123767	47.32	ug/l	98
28) Bromochloromethane	4.55	49	83574	43.38	ug/l	89
29) Tetrahydrofuran	4.64	42	314744	237.78	ug/l	96
30) Chloroform	4.68	83	215979	48.79	ug/l	98
31) Cyclohexane	5.00	56	188876	48.57	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	195392	47.73	ug/l	96
36) 1,1-Dichloropropene	5.14	75	153572	46.80	ug/l	96
37) Ethyl Acetate	4.38	43	183497	51.31	ug/l #	96
38) Carbon Tetrachloride	5.14	117	176412	48.89	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	190763	46.59	ug/l	95
40) Benzene	5.39	78	463482	49.57	ug/l	99
41) Methacrylonitrile	4.54	41	101933	52.87	ug/l	97
42) 1,2-Dichloroethane	5.41	62	181954	51.10	ug/l	99
43) Isopropyl Acetate	5.55	43	296542	47.97	ug/l	98
44) Trichloroethene	6.19	130	125008	46.98	ug/l	98
45) 1,2-Dichloropropane	6.44	63	125253	50.21	ug/l	96
46) Dibromomethane	6.56	93	89216	50.91	ug/l	96
47) Bromodichloromethane	6.76	83	173226	49.64	ug/l	99
48) Methyl methacrylate	6.63	41	149855	49.78	ug/l	99
49) 1,4-Dioxane	6.61	88	59615	1012.72	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	975918	251.29	ug/l	98
52) Toluene	7.64	92	299892	49.86	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	189100	48.26	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	196547	47.07	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	123992	50.71	ug/l	99
56) Ethyl methacrylate	8.02	69	204369	49.94	ug/l	99
57) 1,3-Dichloropropane	8.25	76	208161	50.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	354957	226.40	ug/l	95
59) 2-Hexanone	8.36	43	774523	244.28	ug/l	99
60) Dibromochloromethane	8.48	129	145051	47.57	ug/l	100
61) 1,2-Dibromoethane	8.59	107	137606	50.56	ug/l	98
64) Tetrachloroethene	8.23	164	116419	45.60	ug/l	99
65) Chlorobenzene	9.12	112	340459	49.62	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	129883	49.83	ug/l	98
67) Ethyl Benzene	9.25	91	590389	49.08	ug/l	98
68) m/p-Xylenes	9.38	106	458340	99.23	ug/l	97
69) o-Xylene	9.78	106	228271	49.94	ug/l	97
70) Styrene	9.80	104	379979	50.58	ug/l	99
71) Bromoform	9.96	173	118314	47.75	ug/l #	100
73) Isopropylbenzene	10.17	105	617024	48.97	ug/l	99
74) N-amyl acetate	10.01	43	292349	48.78	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	212050	50.22	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	187389m	51.86	ug/l	
77) Bromobenzene	10.45	156	158219	49.60	ug/l	95
78) n-propylbenzene	10.59	91	702701	47.34	ug/l	97
79) 2-Chlorotoluene	10.66	91	423833	48.42	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	534829	48.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	62001m	39.71	ug/l	
82) 4-Chlorotoluene	10.78	91	490485	48.14	ug/l	98
83) tert-Butylbenzene	11.10	119	531589	50.60	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	548848	49.31	ug/l	100
85) sec-Butylbenzene	11.33	105	645734	49.11	ug/l	98
86) p-Isopropyltoluene	11.48	119	573962	48.74	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	292560	49.64	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	295931	49.89	ug/l	99
89) n-Butylbenzene	11.89	91	490695	46.93	ug/l	97
90) Hexachloroethane	12.15	117	102803	44.75	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	299273	50.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	57724	49.55	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	206478	56.64	ug/l	99
94) Hexachlorobutadiene	13.70	225	103897	50.64	ug/l	98
95) Naphthalene	13.74	128	679889	56.25	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	214698	59.11	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 181417

Ion Ratio Lower Upper

168 100

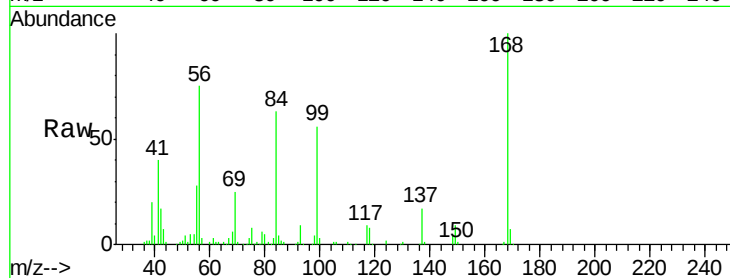
99 55.5 43.2 64.8

Manual Integrations

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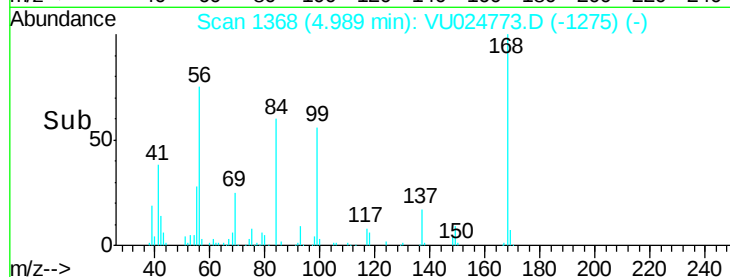
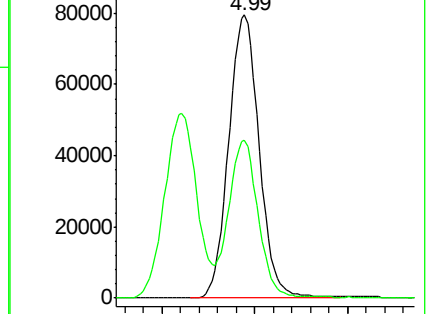
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 44.97 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024773.D

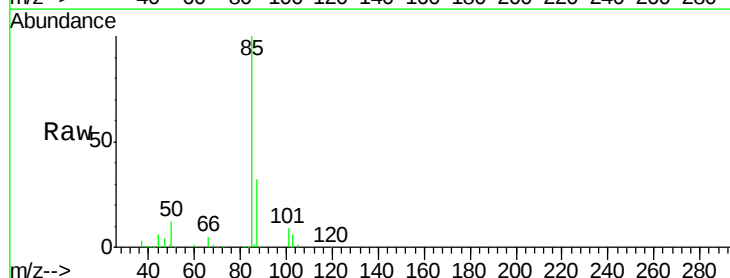
Acq: 20 Jun 2018 21:35

Tgt Ion: 85 Resp: 102116

Ion Ratio Lower Upper

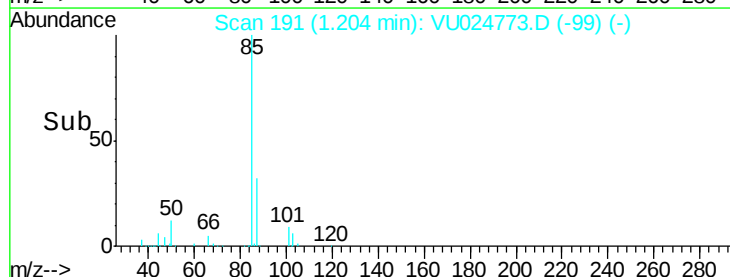
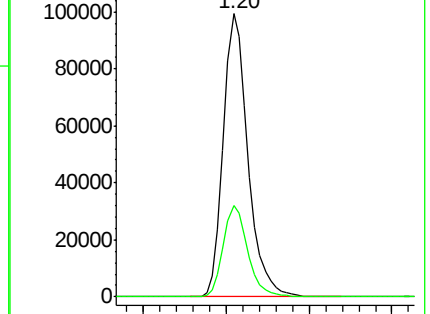
85 100

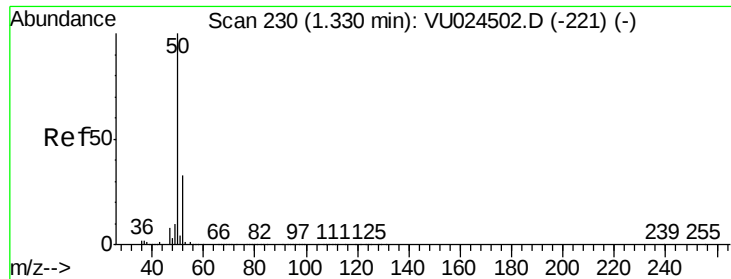
87 32.4 16.1 48.2



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: 46.26 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 107312

Ion Ratio Lower Upper

50 100

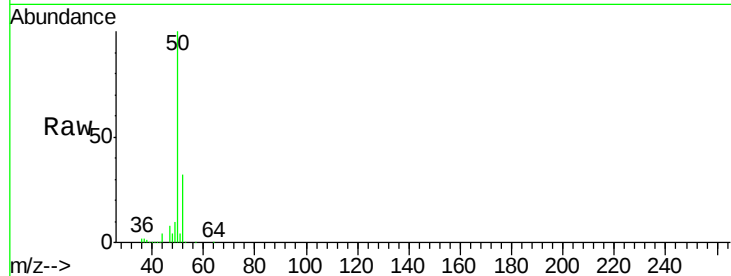
52 32.3 26.4 39.6

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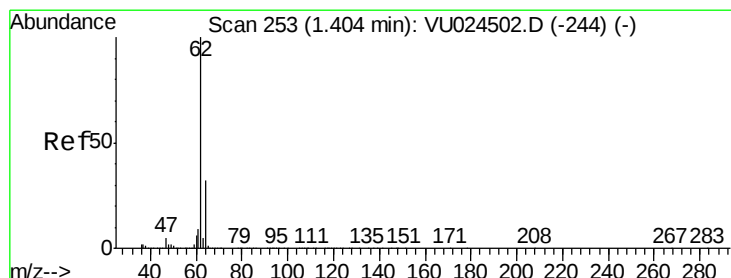
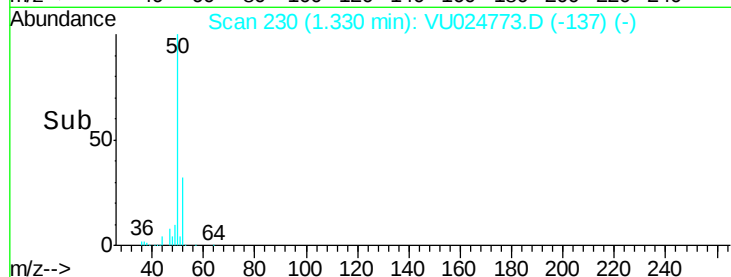
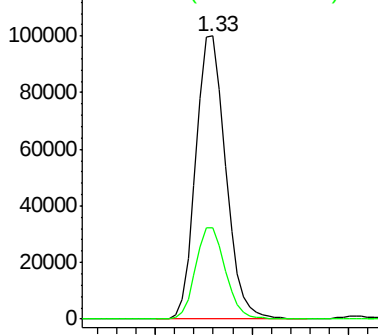
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.70 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024773.D

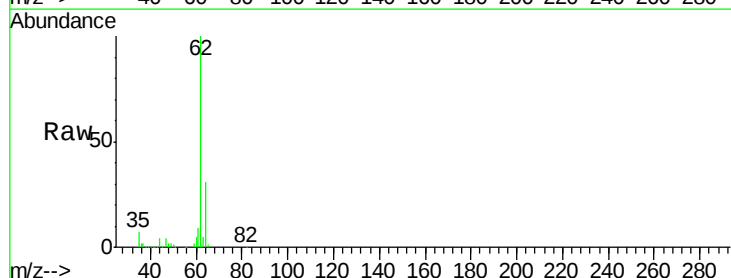
Acq: 20 Jun 2018 21:35

Tgt Ion: 62 Resp: 114114

Ion Ratio Lower Upper

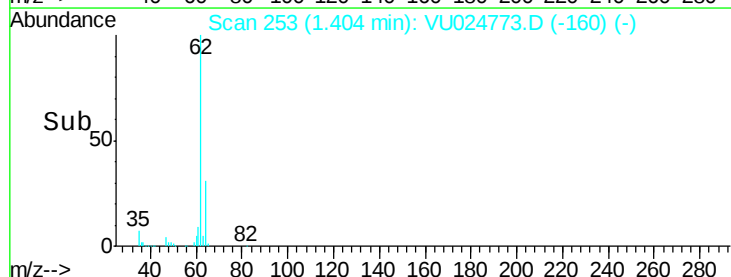
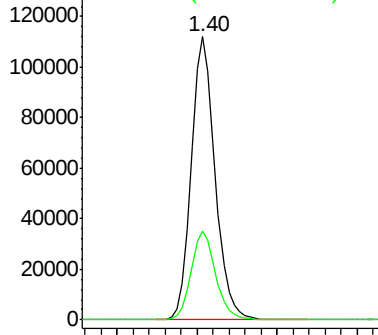
62 100

64 31.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 57.40 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 66391

Ion Ratio Lower Upper

94 100

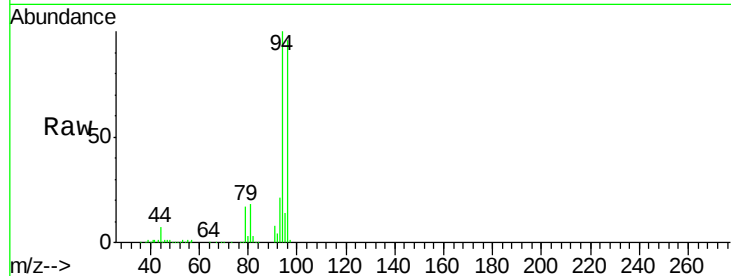
96 95.7 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

60000

50000

40000

30000

20000

10000

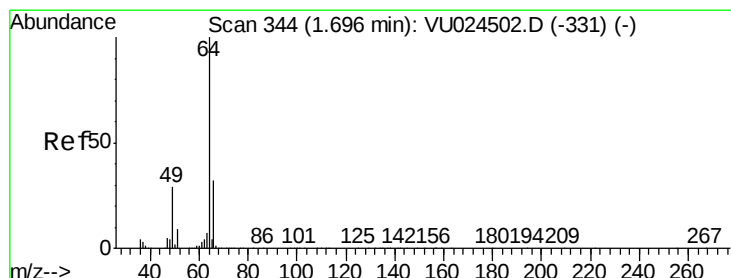
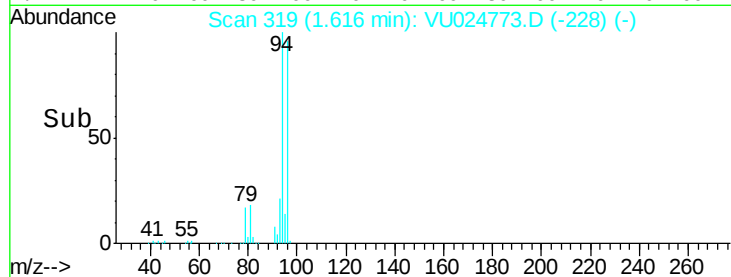
0

1.62

1.60

1.65

Time-->



#6

Chloroethane

Concen: 55.00 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024773.D

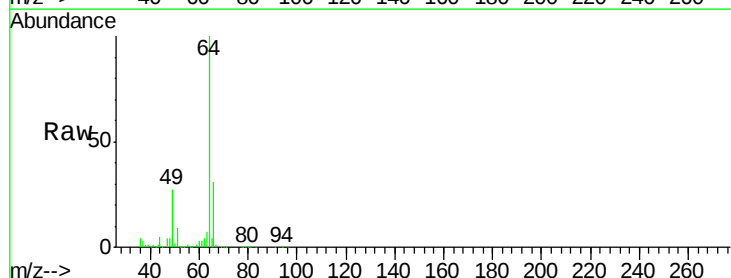
Acq: 20 Jun 2018 21:35

Tgt Ion: 64 Resp: 73385

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

60000

50000

40000

30000

20000

10000

0

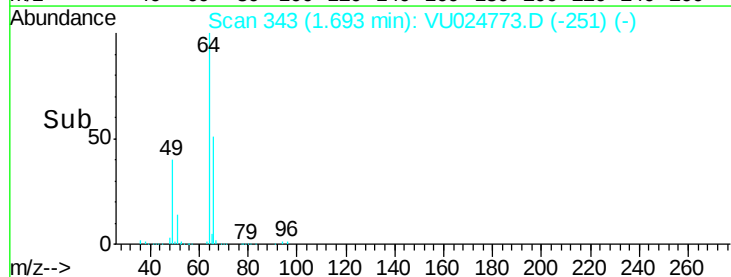
1.69

1.60

1.70

1.80

Time-->





#7

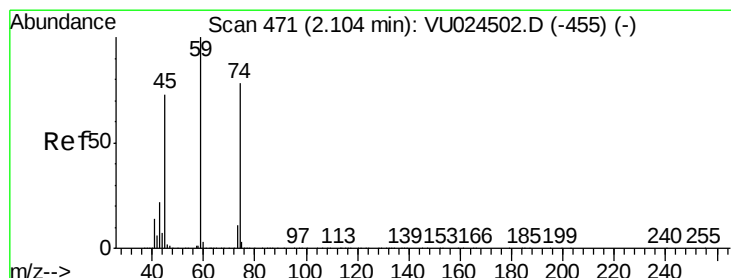
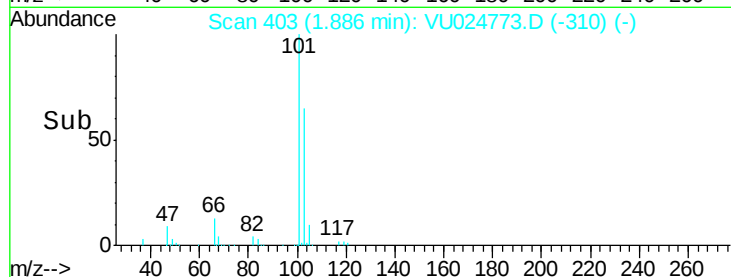
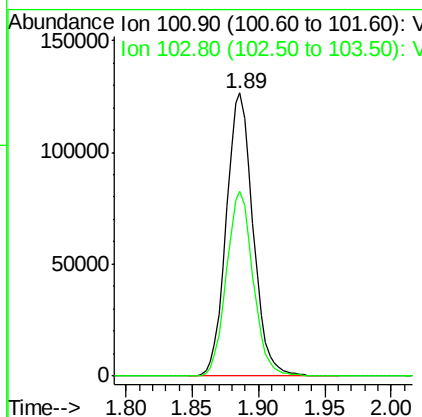
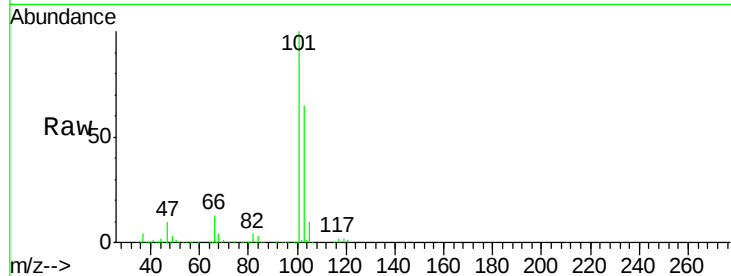
Trichlorofluoromethane
 Concen: 48.68 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU024773.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

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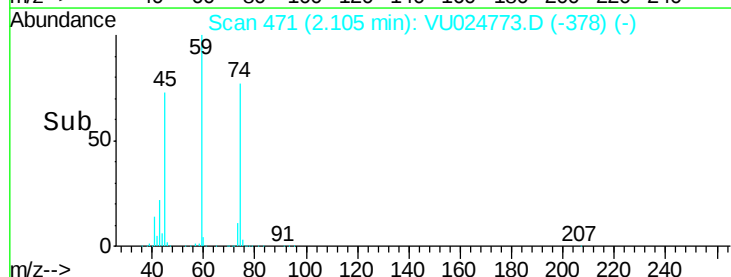
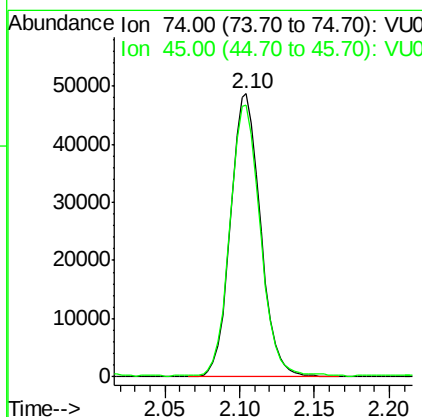
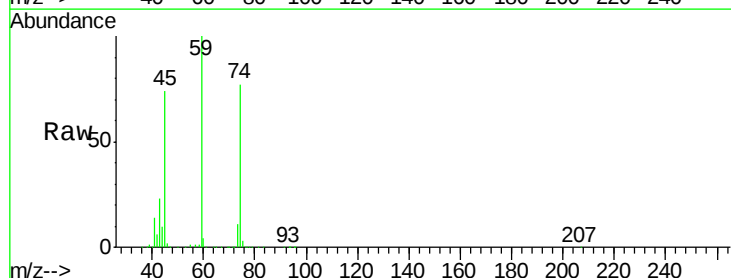
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#8

Diethyl Ether
 Concen: 54.86 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.15 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

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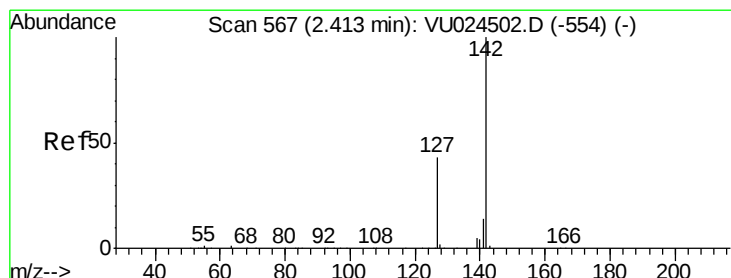
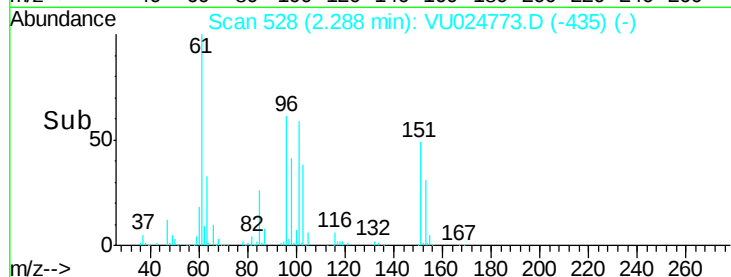
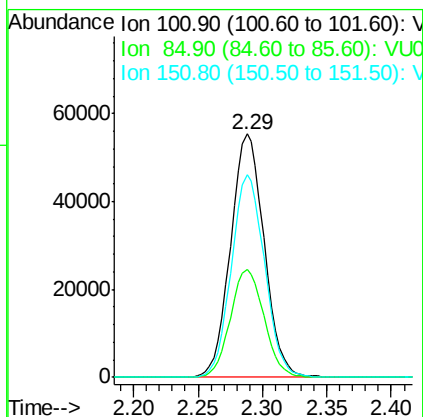
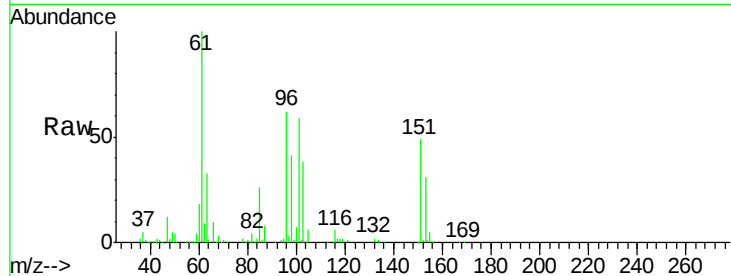
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	100010
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.0	54.0
151	82.7	62.3	93.5

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#10

Methyl Iodide

Concen: 46.08 ug/l

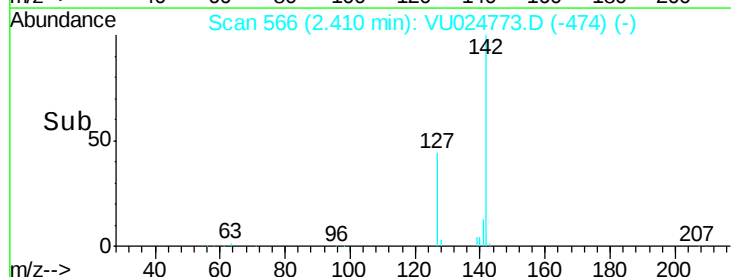
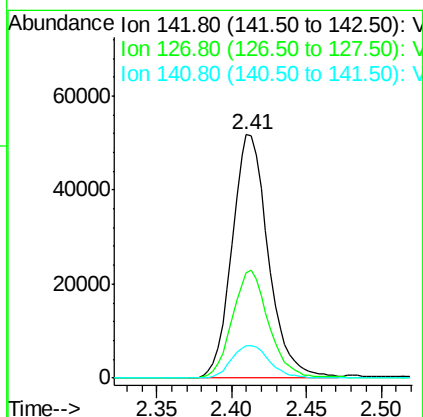
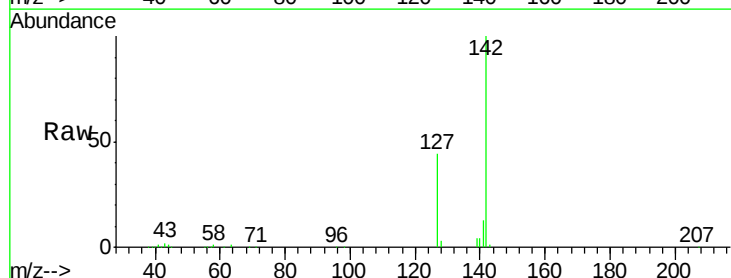
RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion:	142	Resp:	87454
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.6	53.4
141	14.0	11.7	17.5





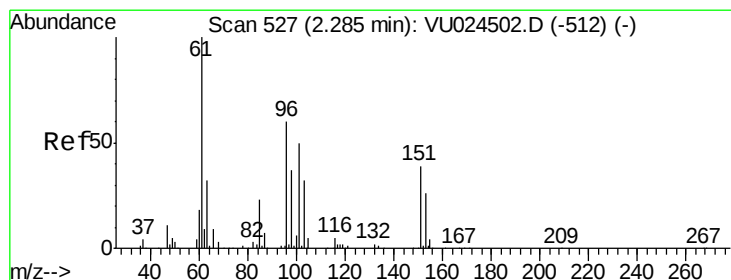
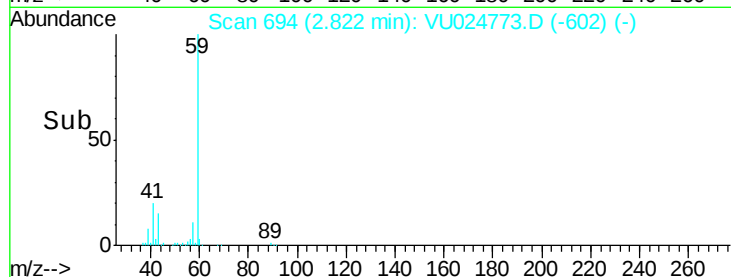
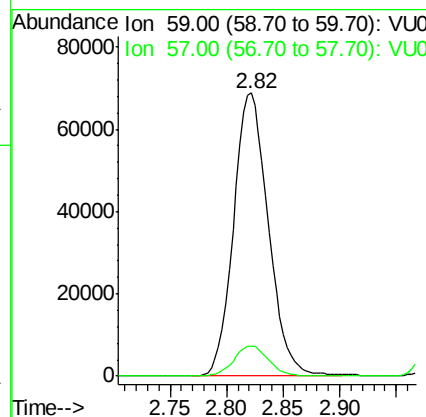
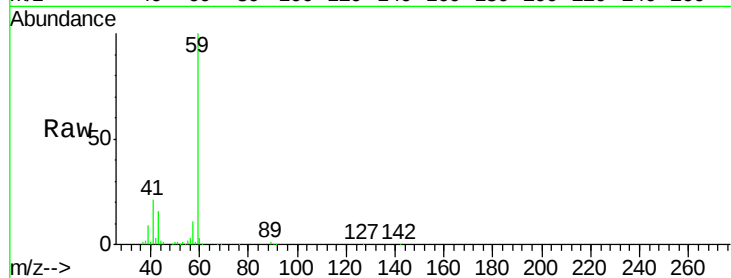
#11
Tert butyl alcohol
Concen: 204.58 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

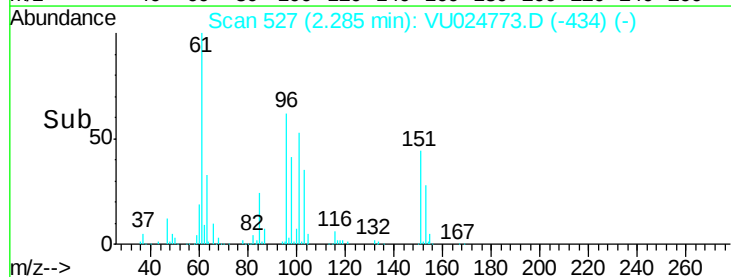
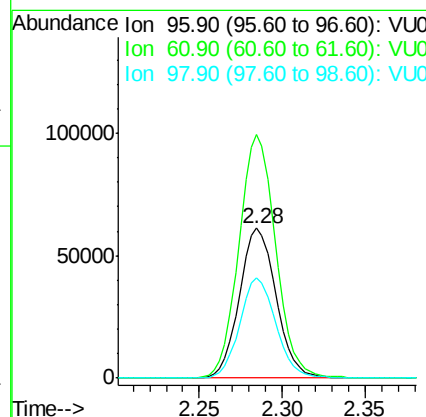
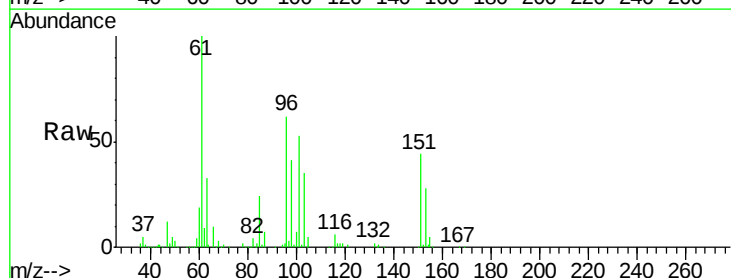
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#12
1,1-Dichloroethene
Concen: 45.47 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.6	141.7	212.5
98	67.1	51.6	77.4





#13

Acrolein

Concen: 199.06 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 75293

Ion Ratio Lower Upper

56 100

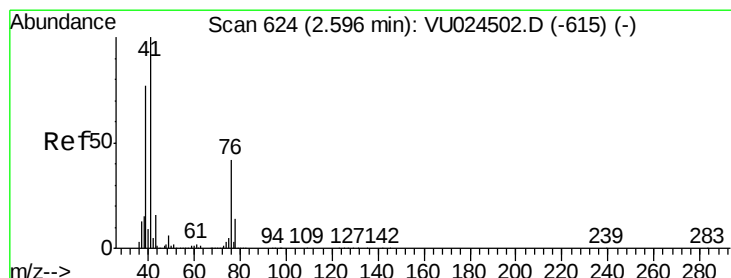
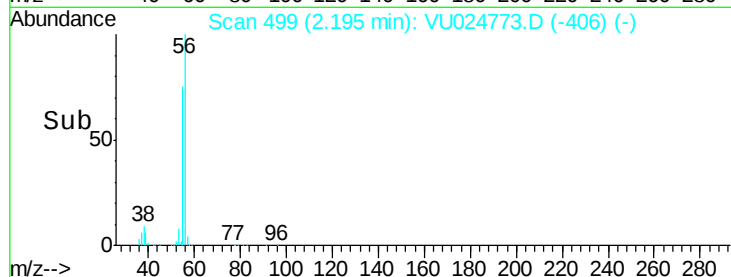
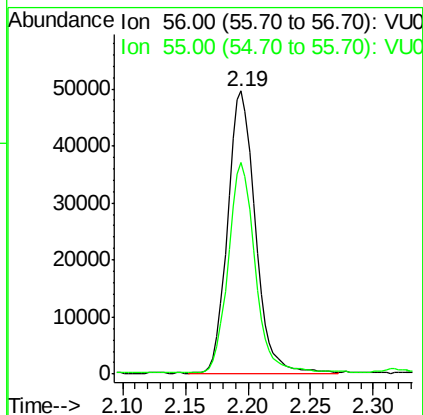
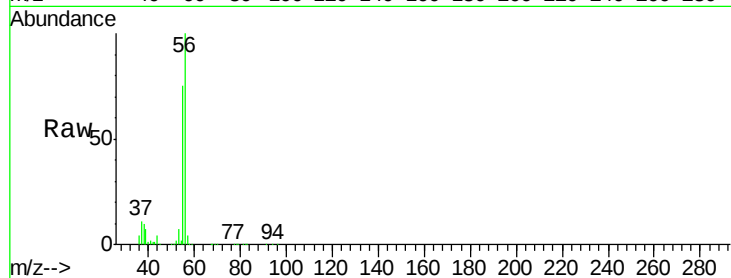
55 72.1 58.4 87.6

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#14

Allyl chloride

Concen: 42.62 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

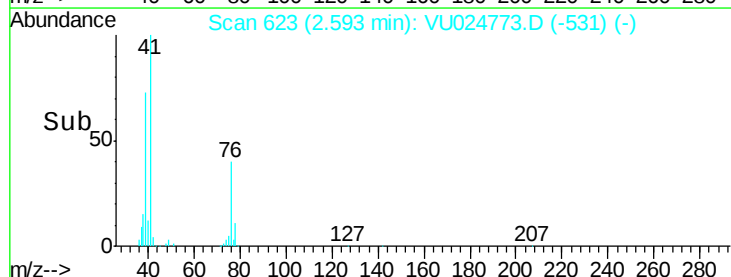
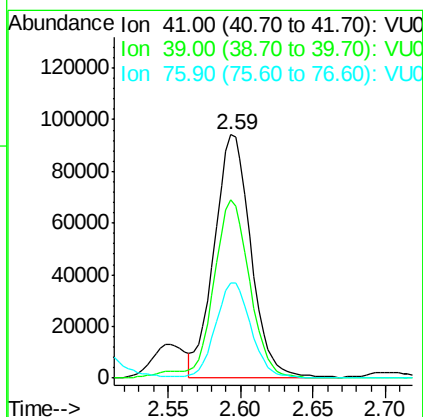
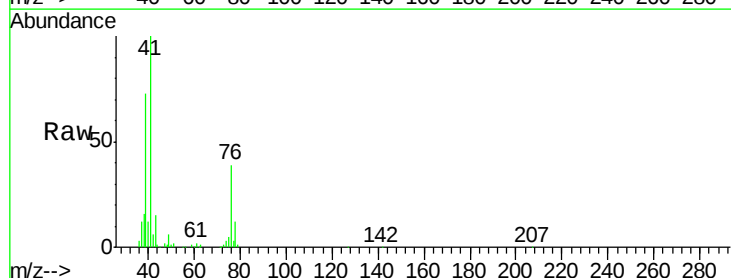
Tgt Ion: 41 Resp: 163472

Ion Ratio Lower Upper

41 100

39 71.1 61.6 92.4

76 37.7 29.7 44.5





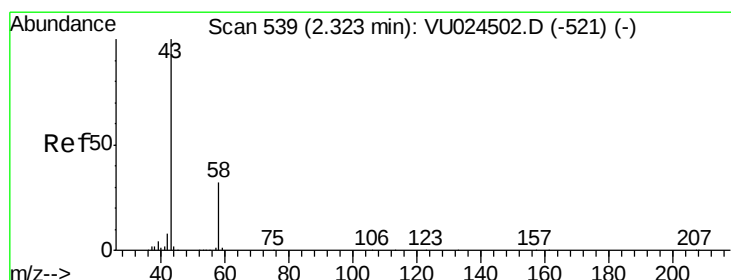
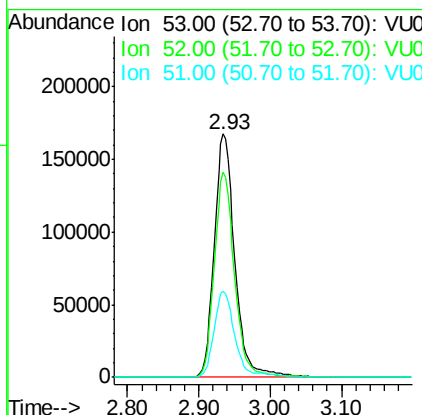
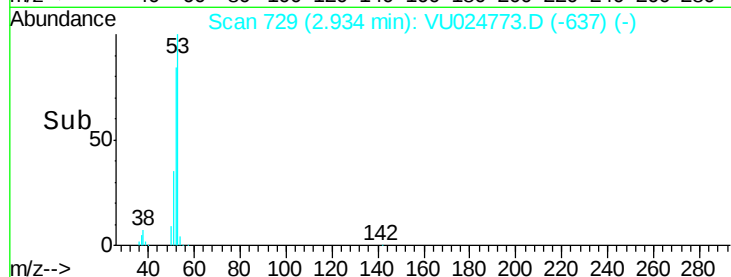
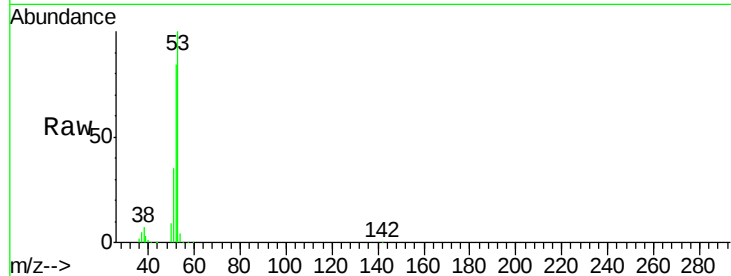
#15
 Acrylonitrile
 Concen: 238.90 ug/l
 RT: 2.93 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	334804
Ion	Ratio	Lower	Upper
53	100		
52	83.0	67.1	100.7
51	36.2	28.4	42.6

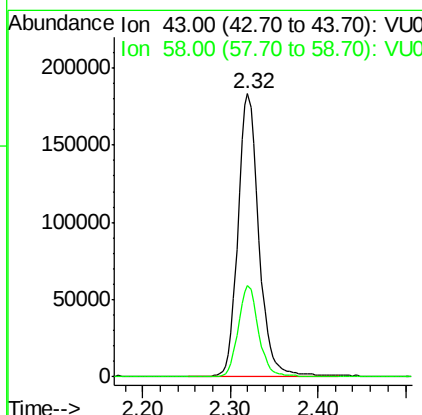
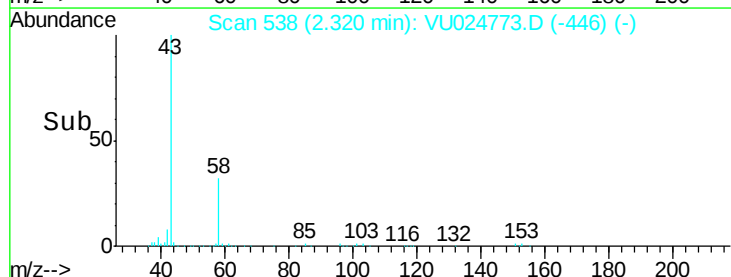
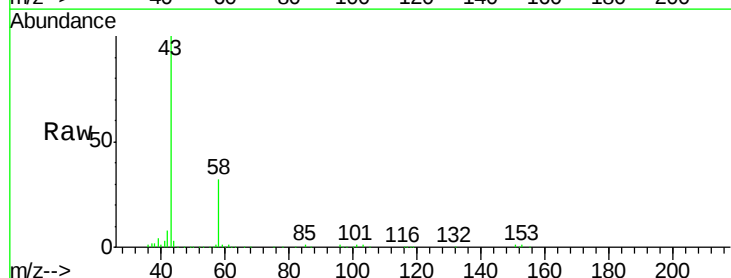
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#16
 Acetone
 Concen: 190.14 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion:	43	Resp:	302577
Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.4	36.6





#17

Carbon Disulfide

Concen: 42.85 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 283416

Ion Ratio Lower Upper

76 100

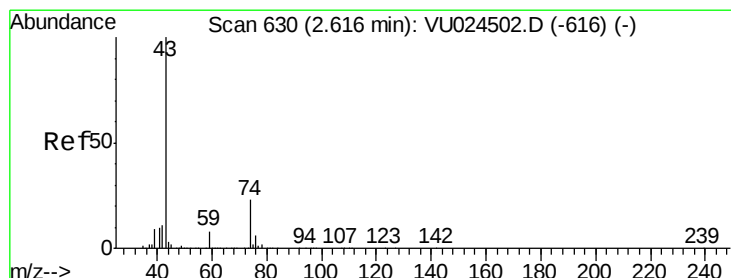
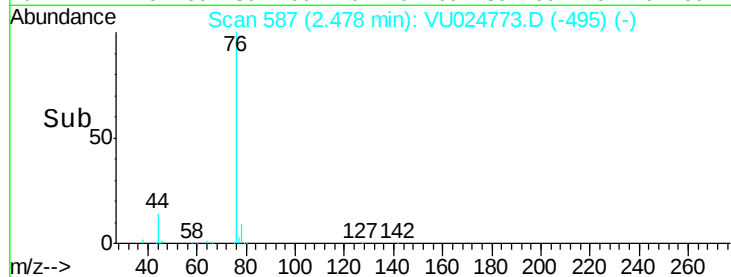
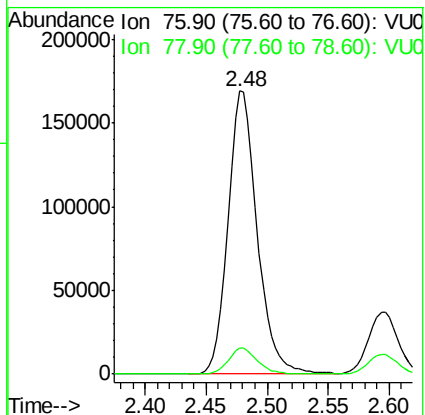
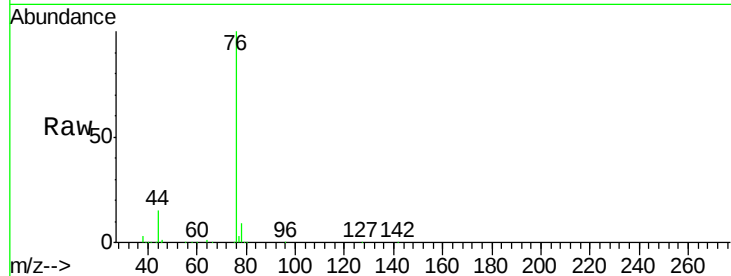
78 9.1 7.1 10.7

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#18

Methyl Acetate

Concen: 51.25 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024773.D

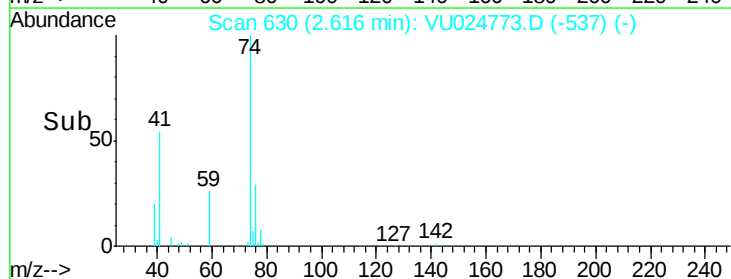
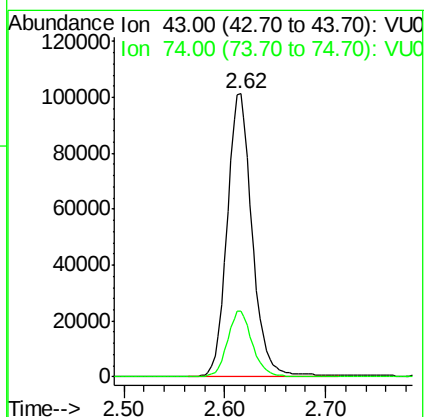
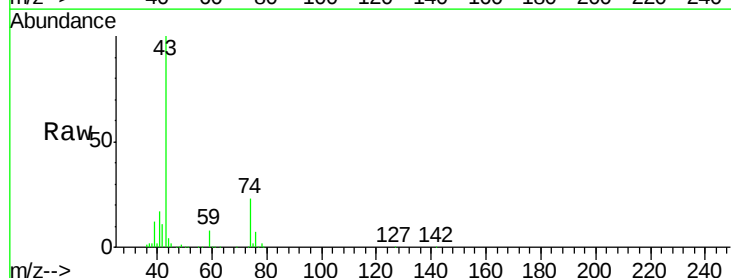
Acq: 20 Jun 2018 21:35

Tgt Ion: 43 Resp: 174841

Ion Ratio Lower Upper

43 100

74 23.3 18.0 27.0





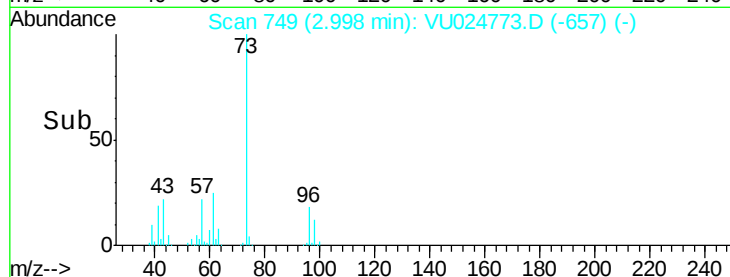
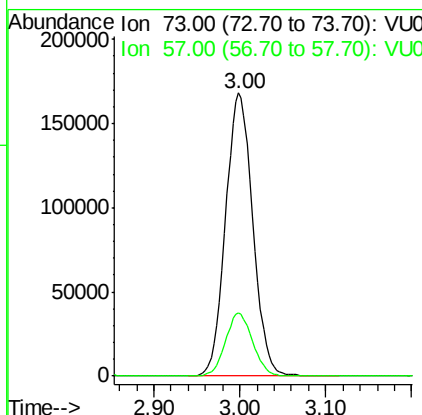
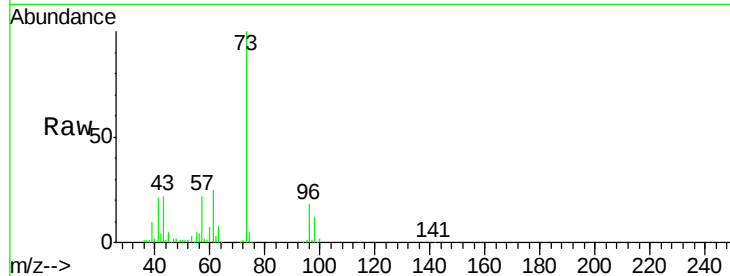
#19
Methvl tert-butvl Ether
Concen: 47.46 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.8	28.2

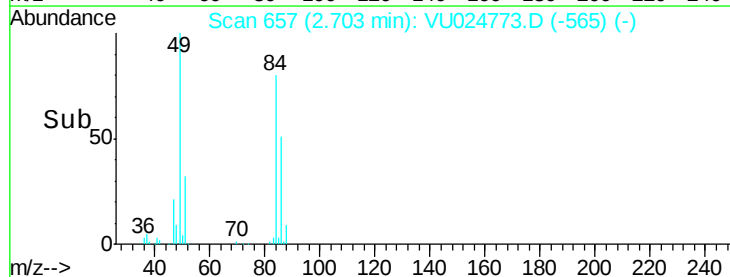
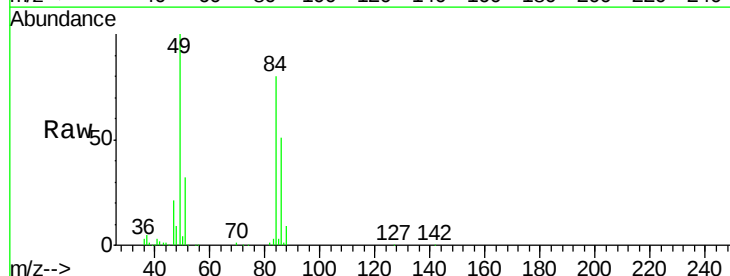
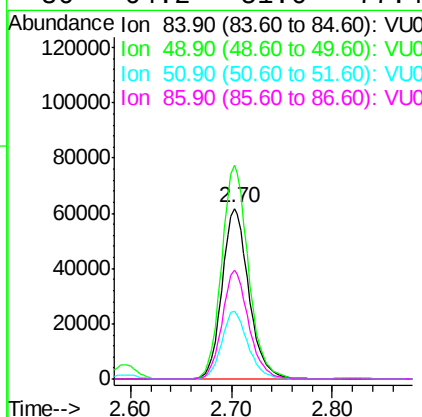
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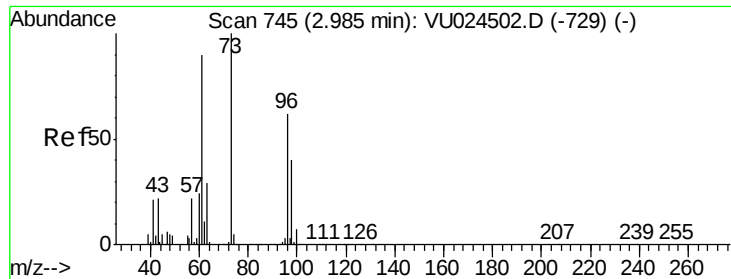
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#20
Methylene Chloride
Concen: 45.82 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.4	103.8	155.8
51	40.2	32.0	48.0
86	64.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 45.38 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

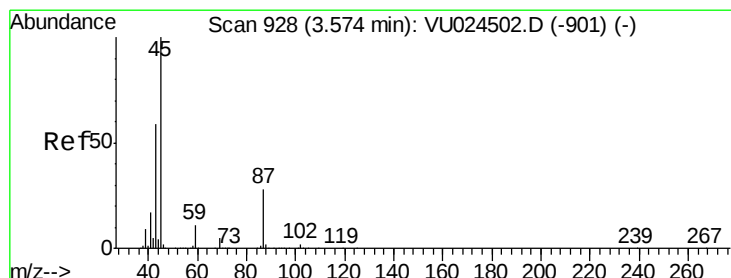
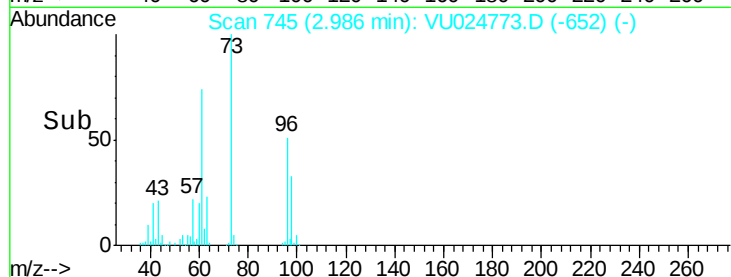
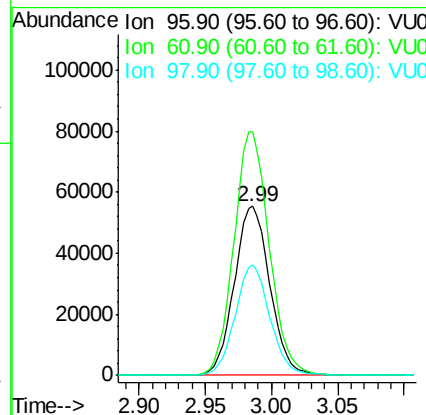
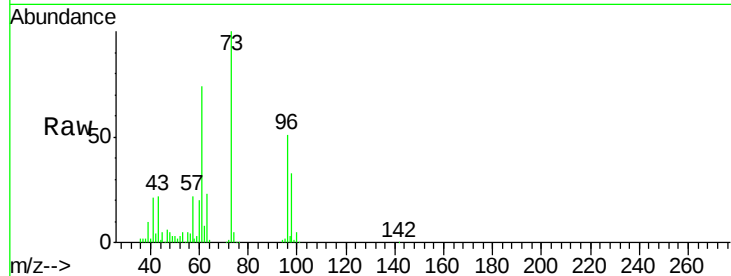
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	103254
Ion	Ratio	Lower	Upper
96	100		
61	144.1	119.4	179.0
98	65.4	51.1	76.7

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#22

Diisopropyl ether

Concen: 48.39 ug/l

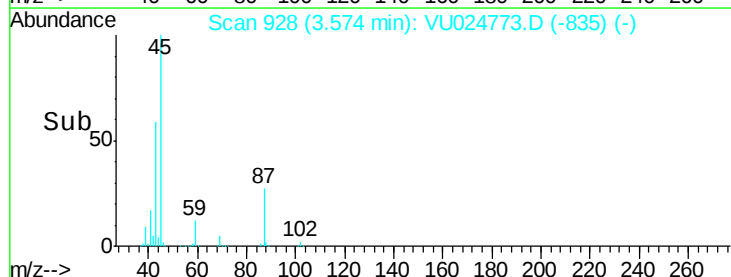
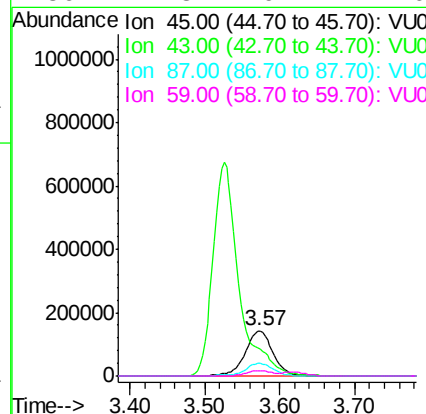
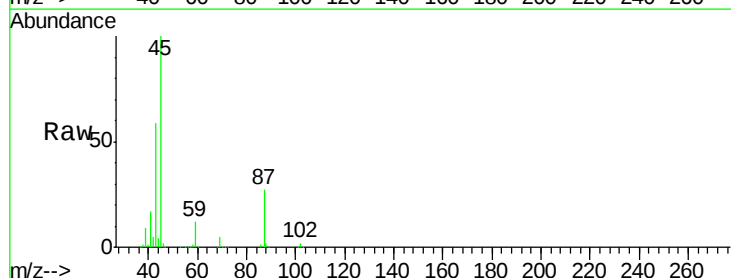
RT: 3.57 min Scan# 928

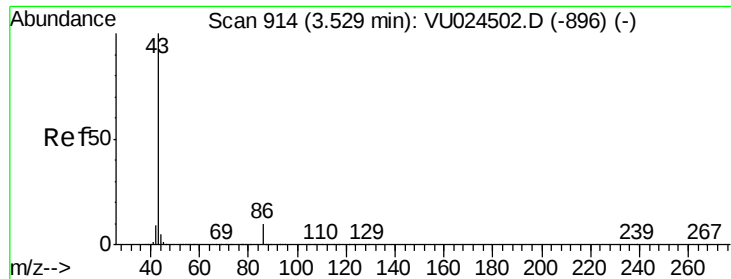
Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion:	45	Resp:	367913
Ion	Ratio	Lower	Upper
45	100		
43	58.2	45.8	68.6
87	27.3	20.6	31.0
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 238.78 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1626340

Ion Ratio Lower Upper

43 100

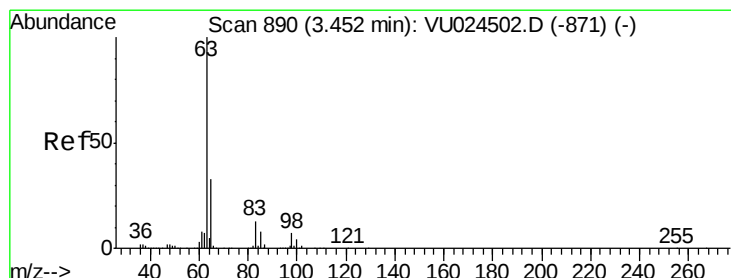
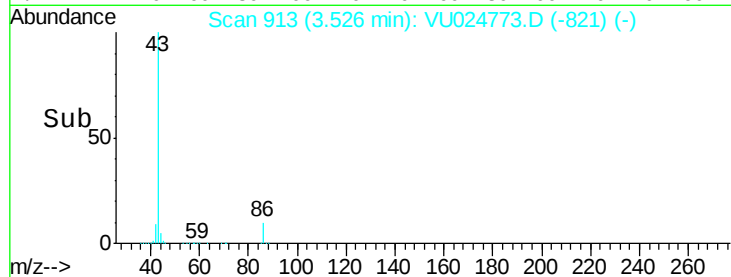
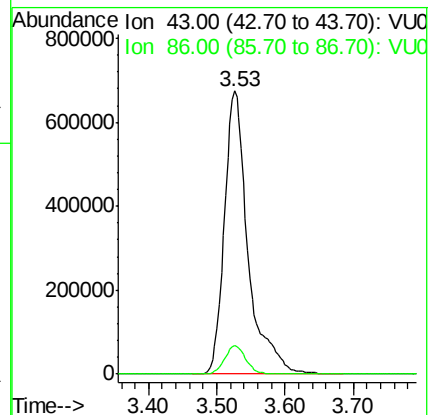
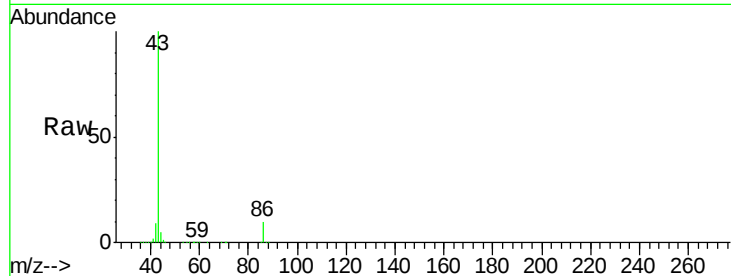
86 10.0 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 46.83 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

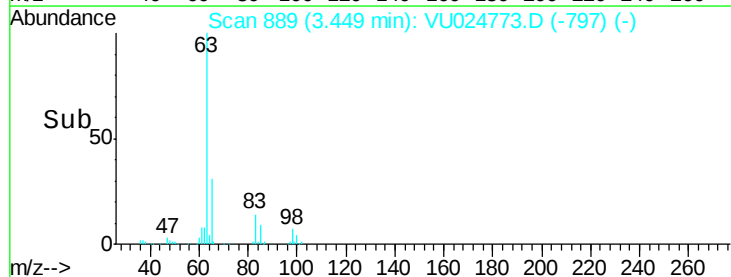
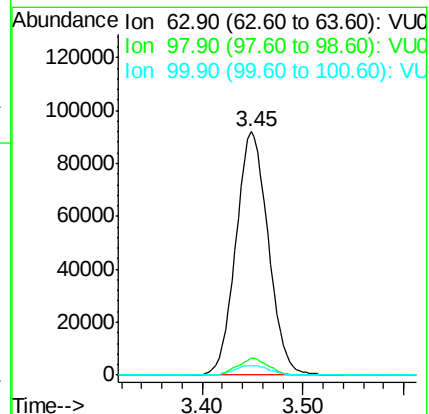
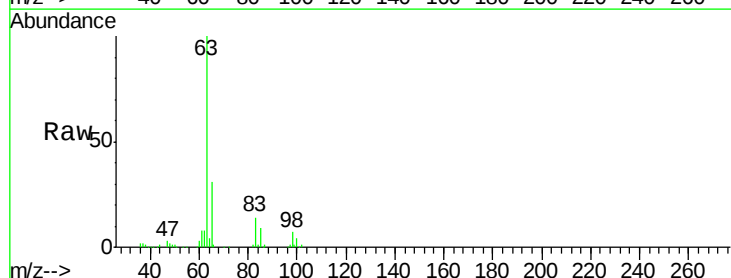
Tgt Ion: 63 Resp: 204808

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.0 1.8 5.5





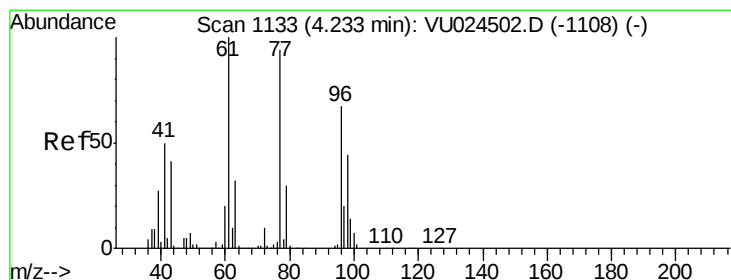
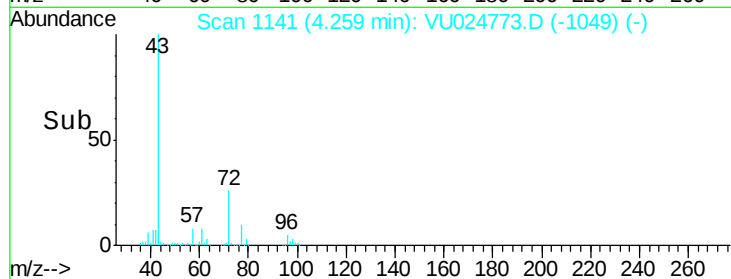
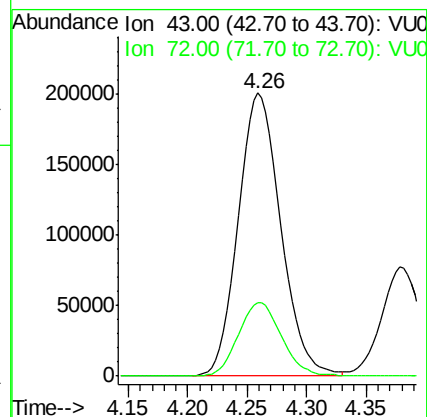
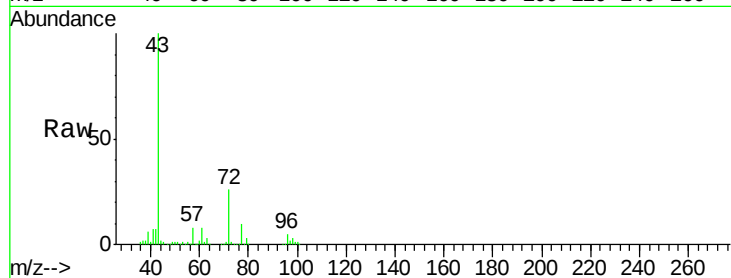
#25
2-Butanone
Concen: 230.82 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	26.0	19.6	29.4

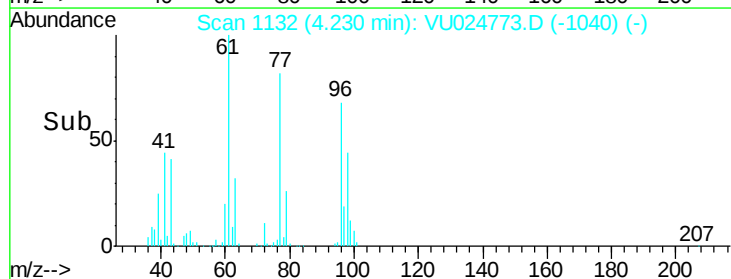
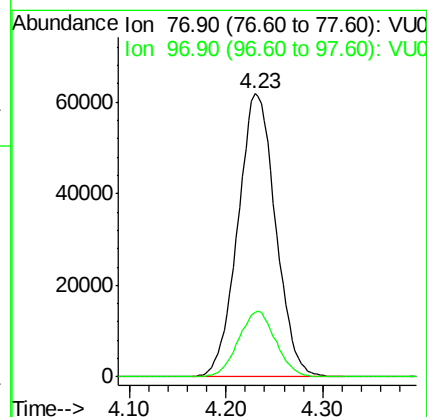
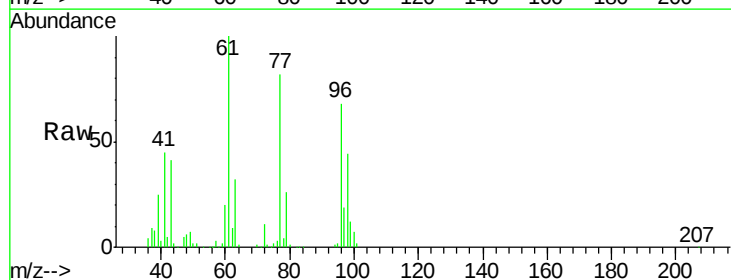
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#26
2,2-Dichloropropane
Concen: 40.12 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.1	11.3	33.8





#27

cis-1,2-Dichloroethene

Concen: 47.32 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

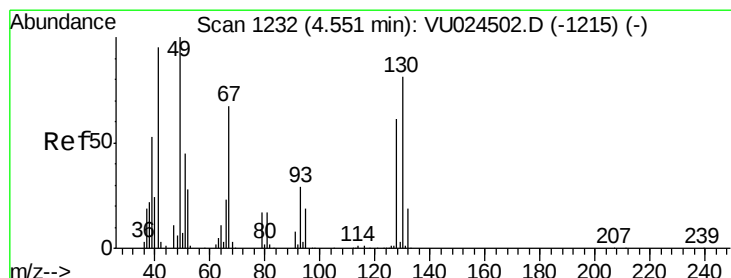
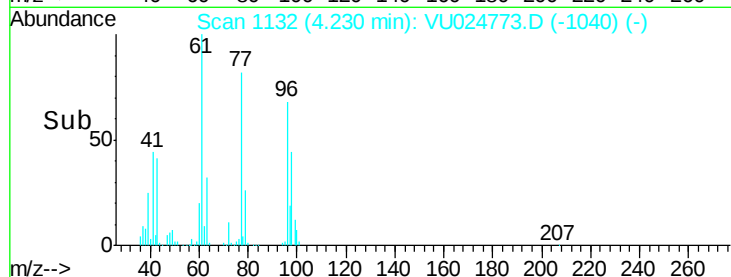
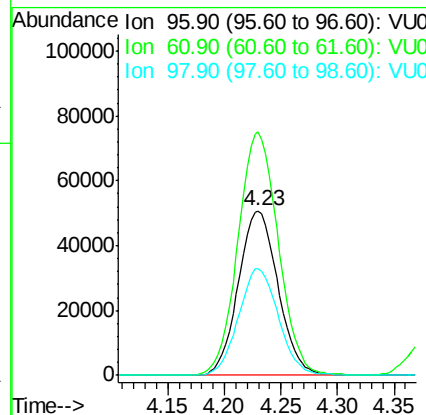
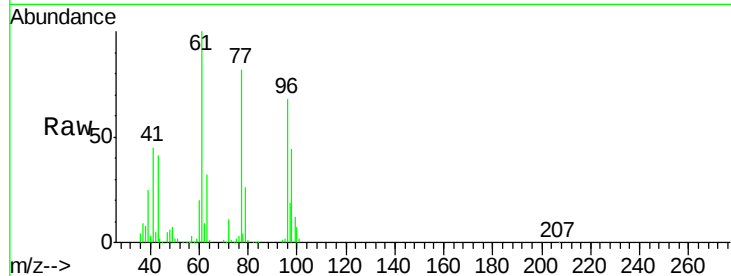
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	123767
Ion Ratio	Lower	Upper	
96	100		
61	150.2	0.0	306.6
98	65.4	0.0	128.8

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#28

Bromochloromethane

Concen: 43.38 ug/l

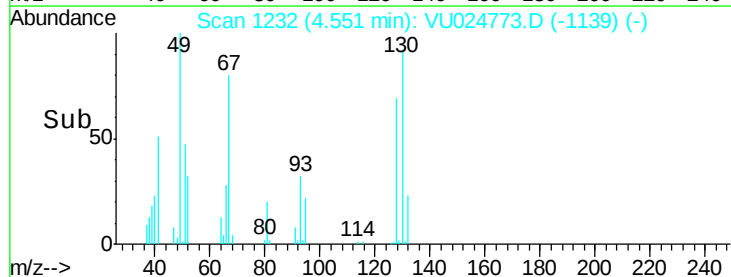
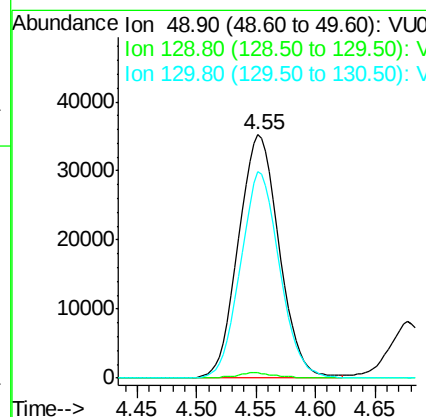
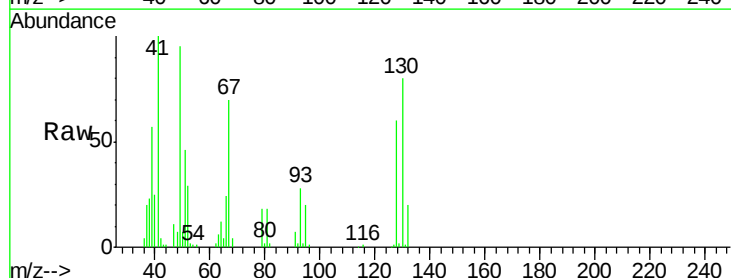
RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion:	49	Resp:	83574
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	3.8
130	81.7	57.8	86.6





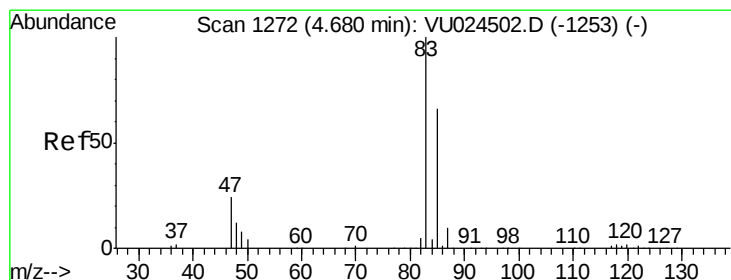
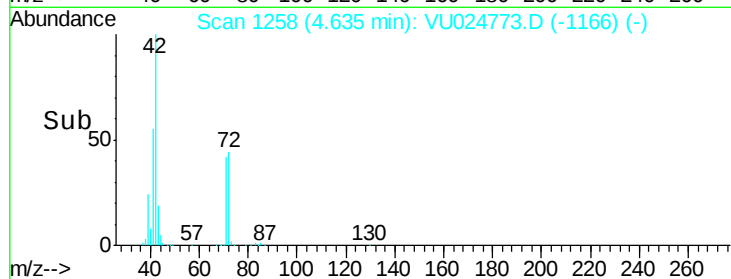
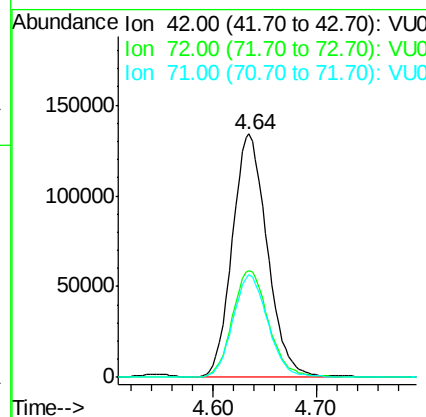
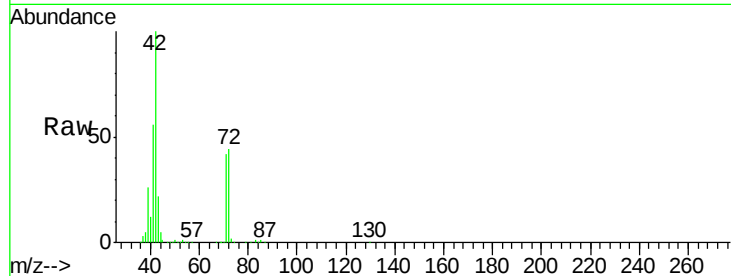
#29
Tetrahydrofuran
Concen: 237.78 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	34.5	51.7
71	42.4	32.2	48.4

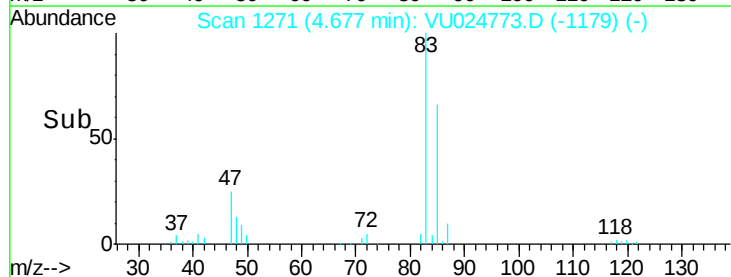
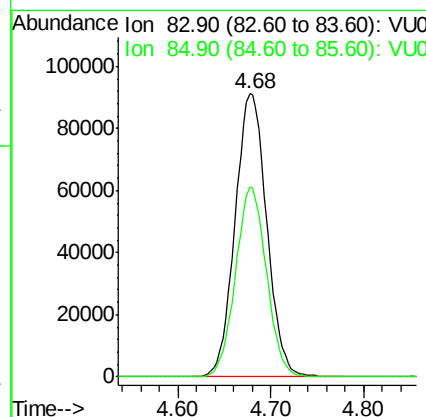
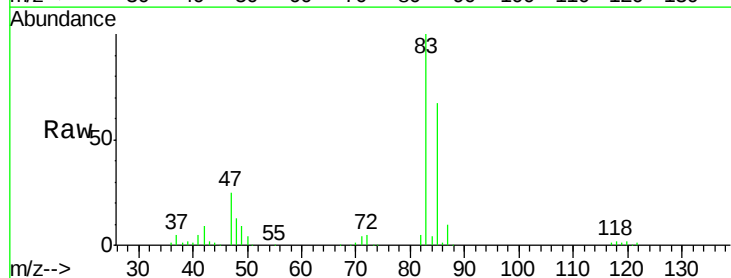
Manual Integrations
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#30
Chloroform
Concen: 48.79 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.4	78.6





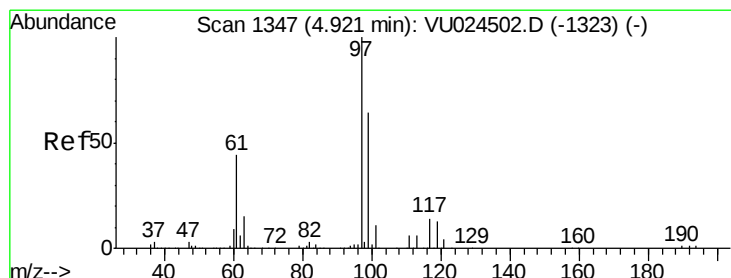
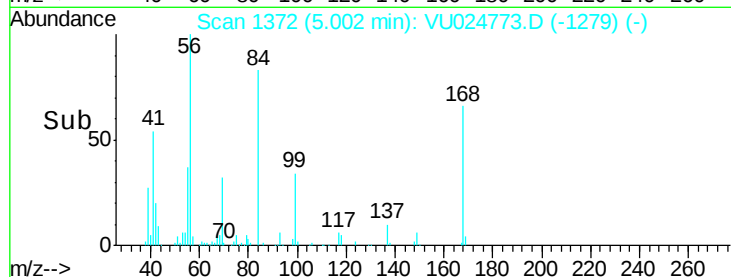
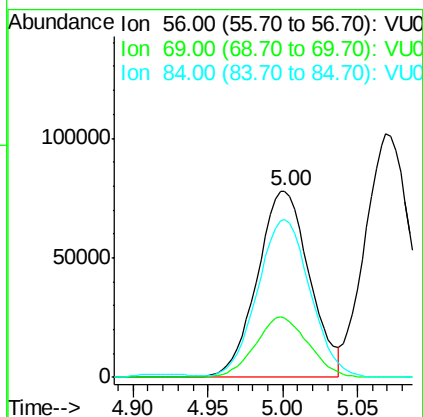
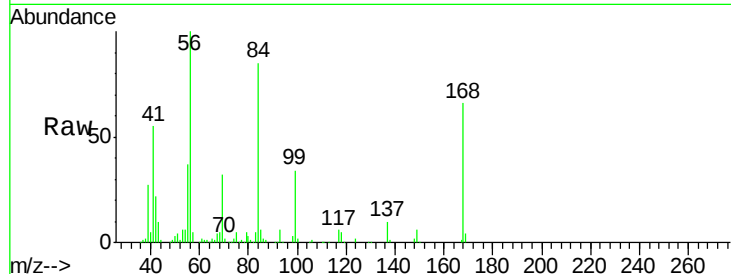
#31
Cyclohexane
Concen: 48.57 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.8	37.2
84	83.4	65.2	97.8

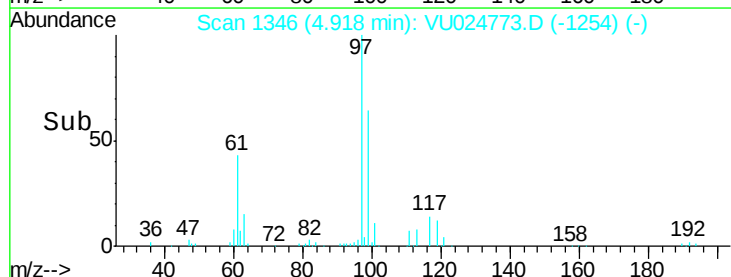
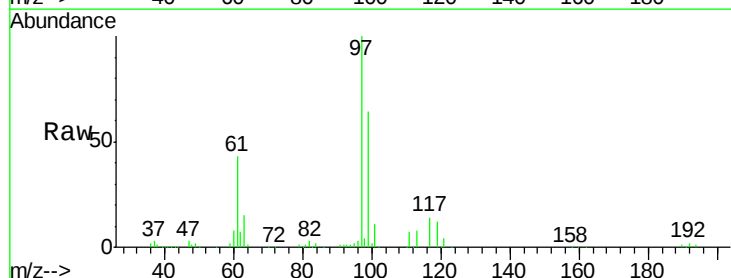
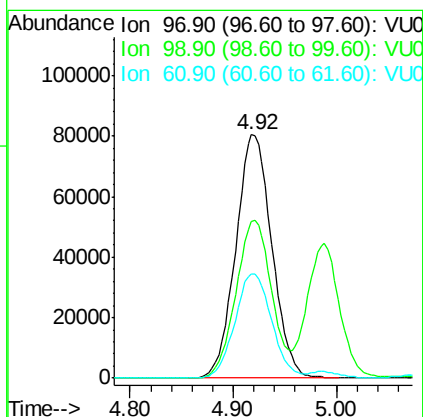
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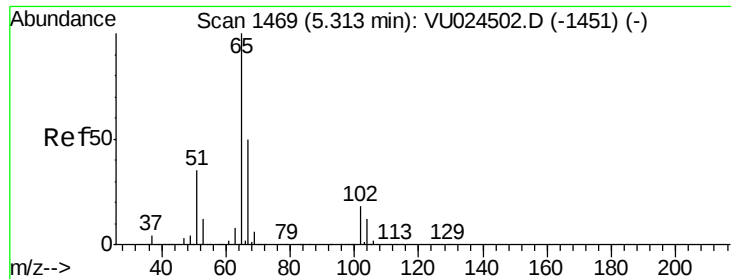
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#32
1,1,1-Trichloroethane
Concen: 47.73 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.6
61	43.7	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 43.66 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 129315

Ion Ratio Lower Upper

65 100

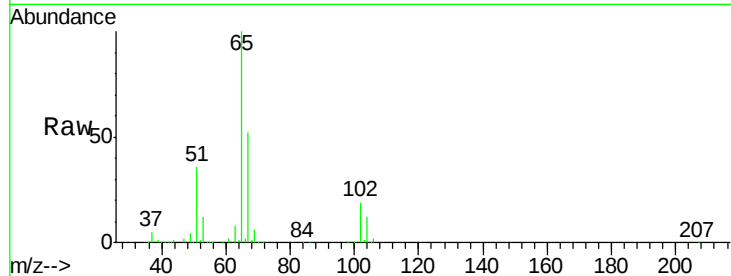
67 52.5 0.0 107.0

Manual Integrations

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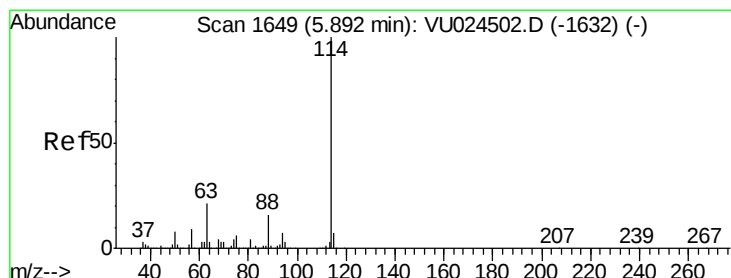
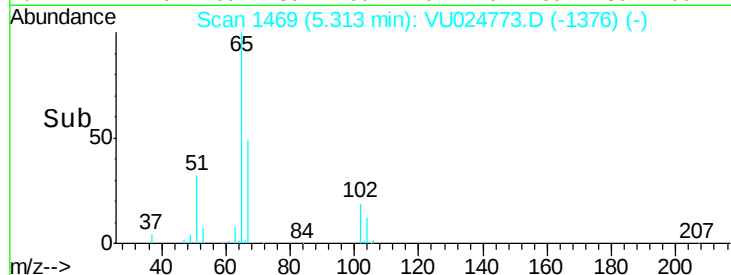
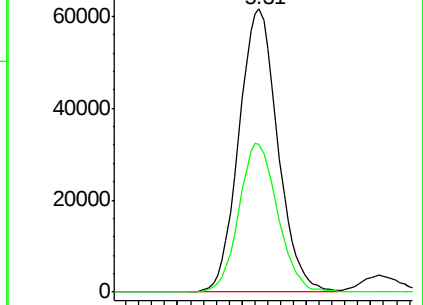
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Abundance Ion 64.90 (64.60 to 65.60): VU024773.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024773.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

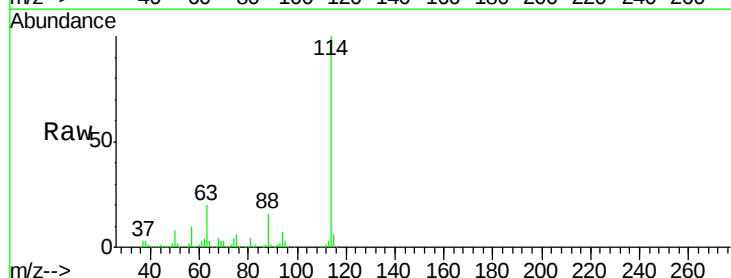
Tgt Ion: 114 Resp: 279229

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.4

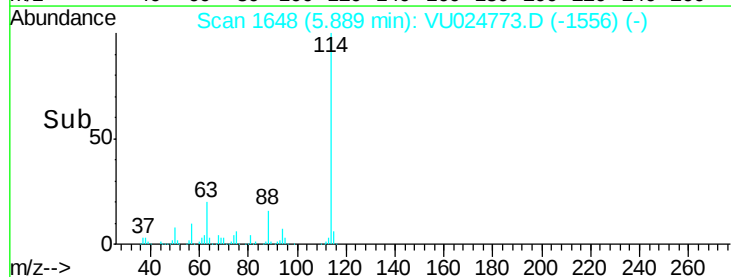
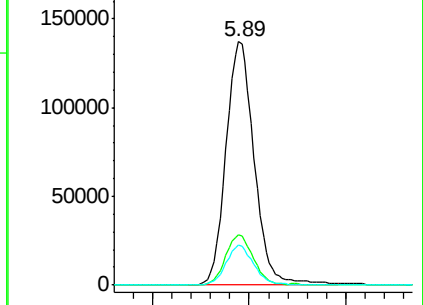
88 16.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU024773.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024773.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024773.D (-1556) (-)





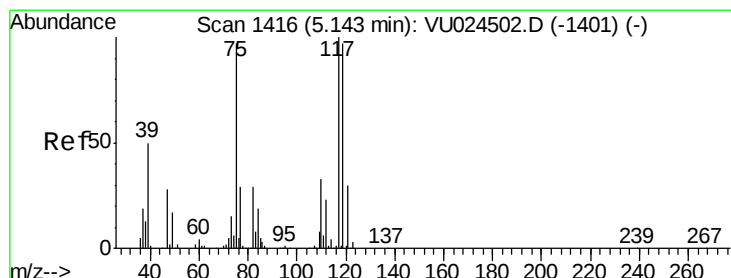
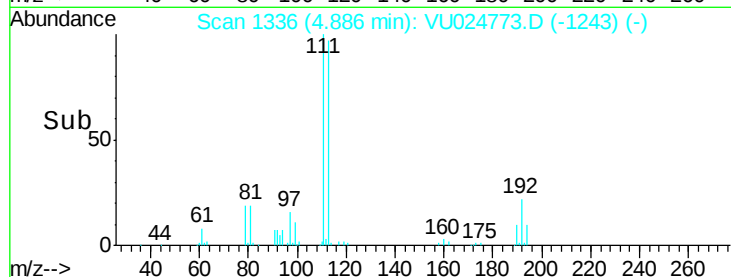
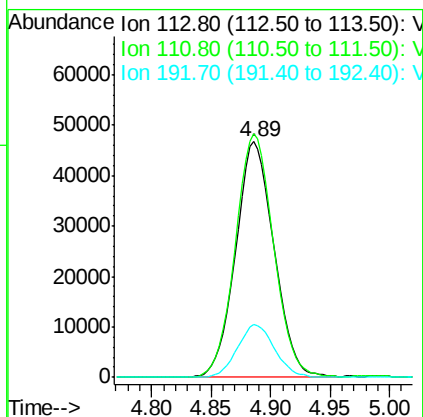
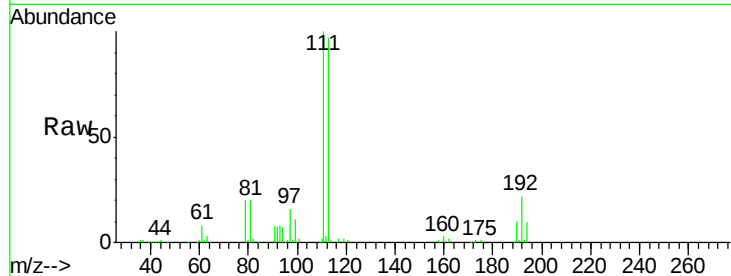
#35
 Dibromofluoromethane
 Concen: 45.14 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	104611		
111	103.0	82.2	123.4	
192	21.8	16.2	24.4	

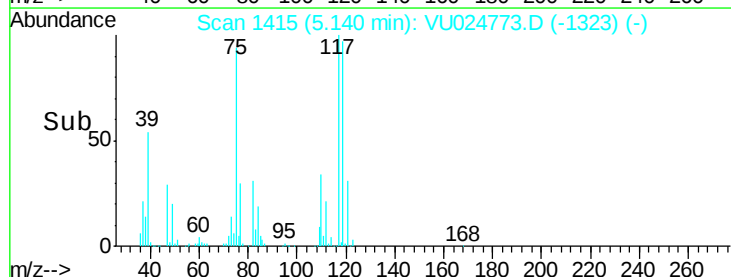
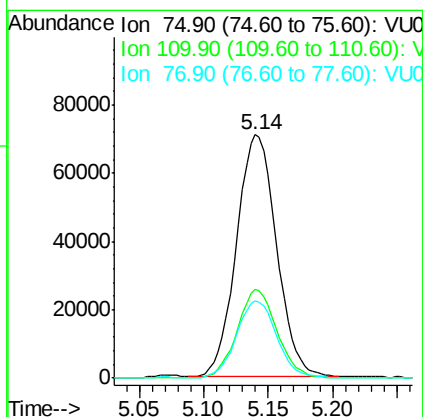
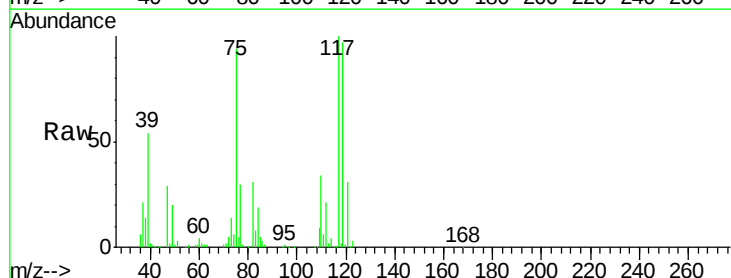
Manual Integrations
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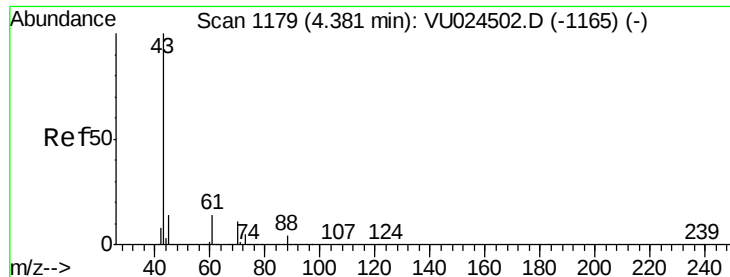
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#36
 1,1-Dichloropropene
 Concen: 46.80 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	153572		
110	36.4	17.0	50.9	
77	32.2	24.2	36.4	





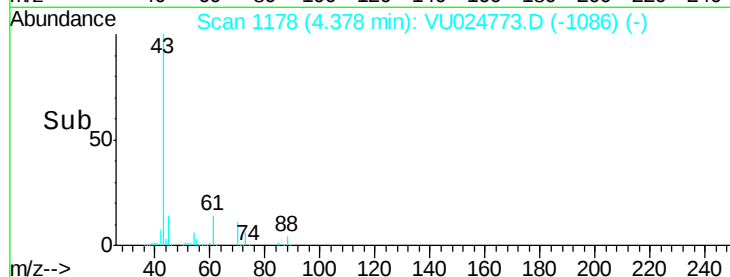
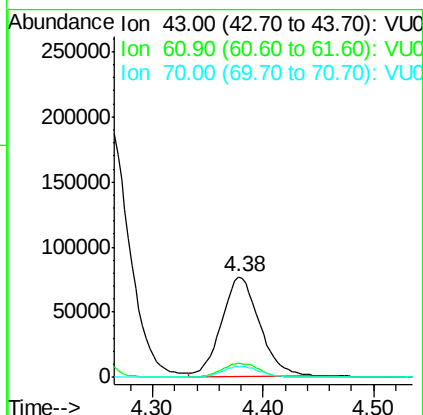
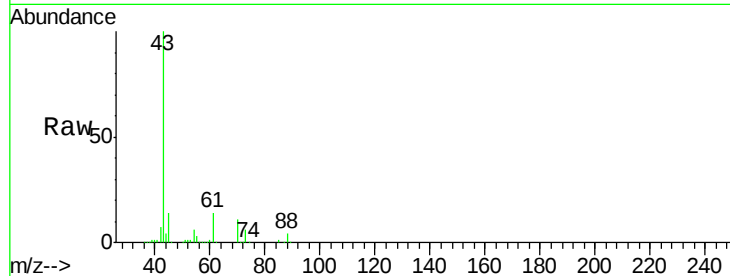
#37
Ethyl Acetate
Concen: 51.31 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.5	15.7
70	11.3	7.4	11.2

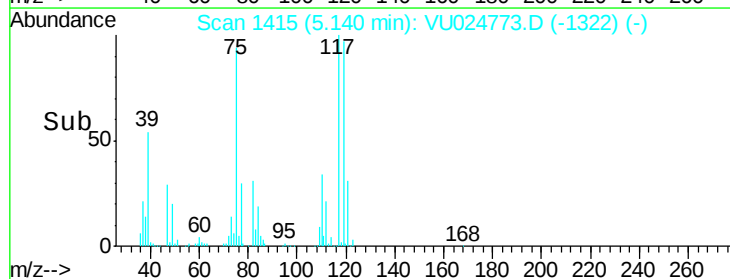
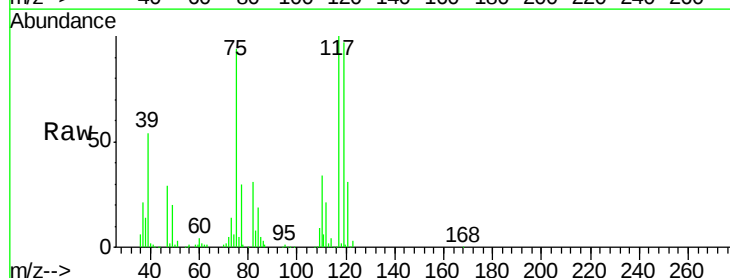
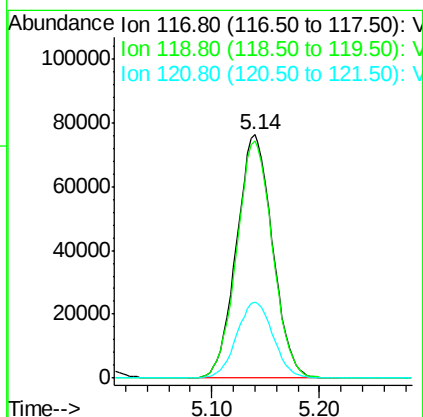
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 48.89 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.1	114.1
121	31.3	23.7	35.5





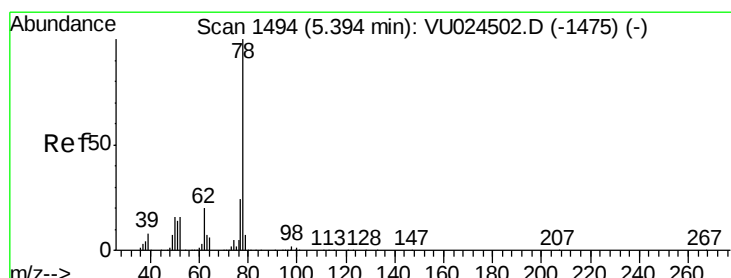
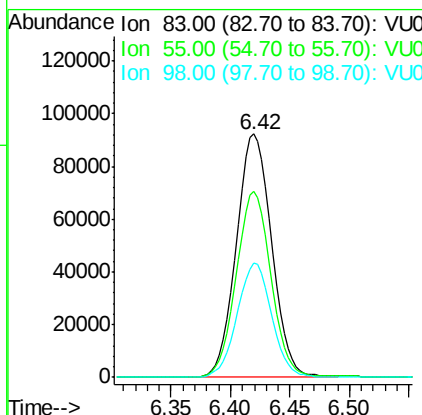
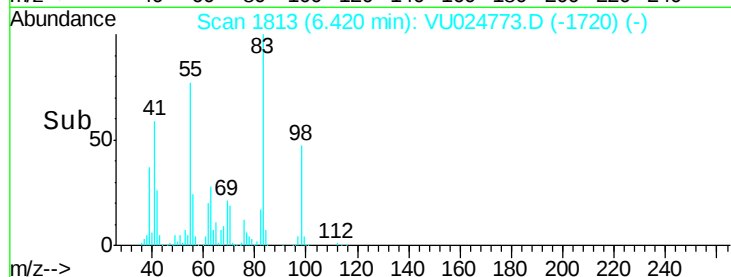
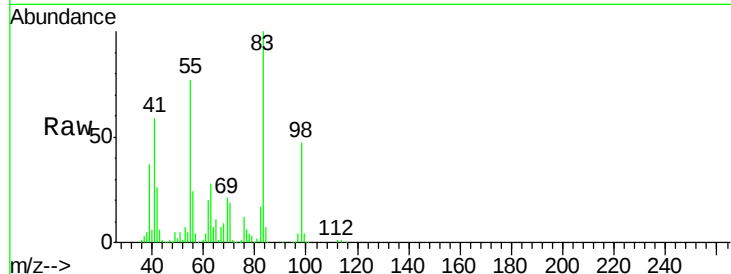
#39
Methvlcvclohexane
Concen: 46.59 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	65.8	98.6
98	46.7	36.7	55.1

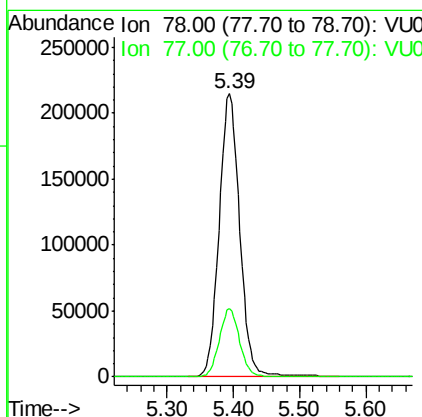
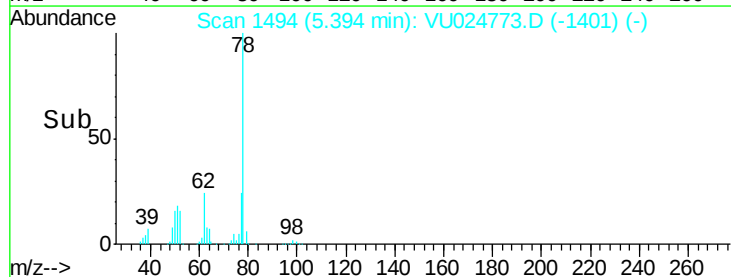
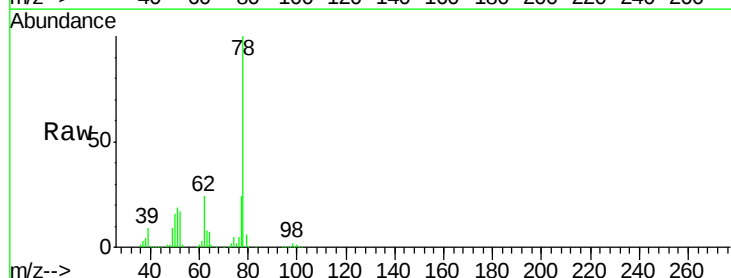
Manual Integrations
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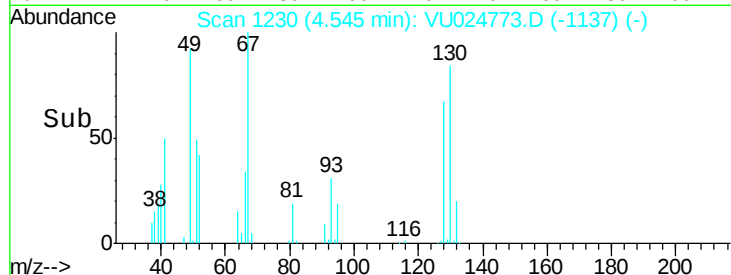
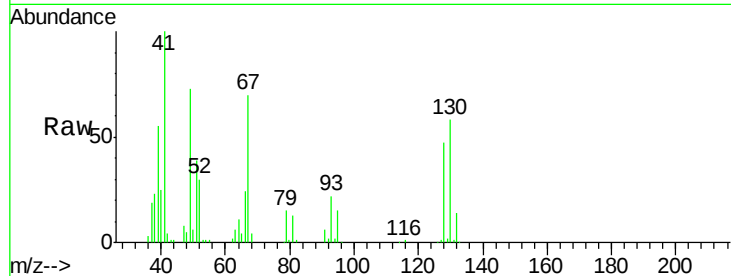
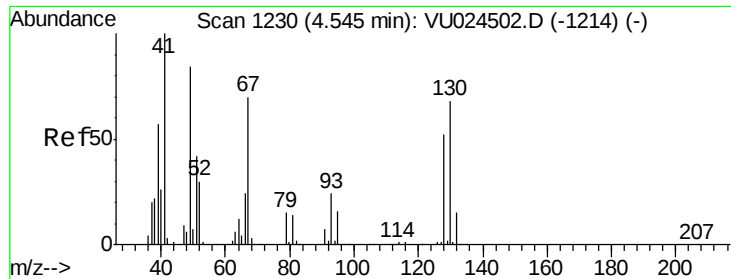
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#40
Benzene
Concen: 49.57 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8





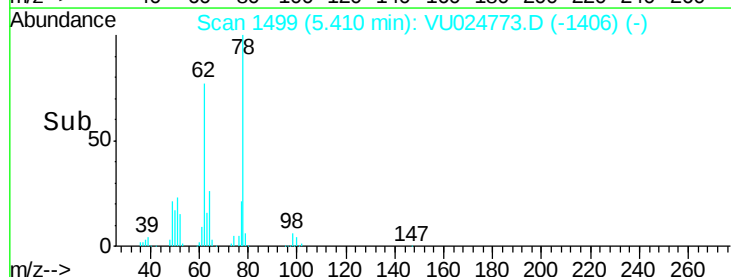
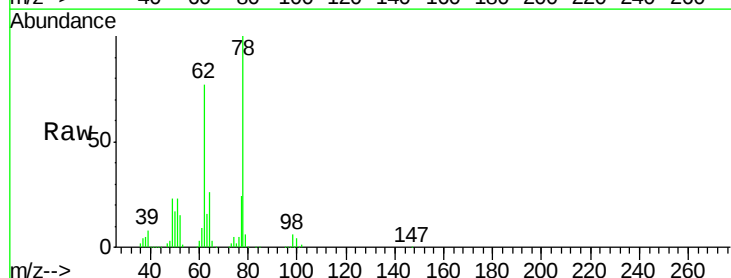
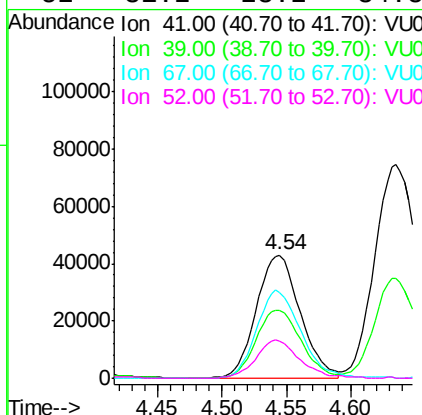
#41
Methacrylonitrile
Concen: 52.87 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		101933		
39	56.9	43.8	65.6		
67	72.4	56.3	84.5		
52	31.2	23.2	34.8		

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

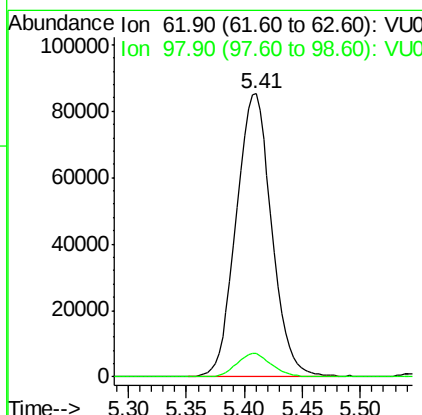
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 51.10 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		181954		
98	8.1	0.0	16.6		





#43

Isopropyl Acetate

Concen: 47.97 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

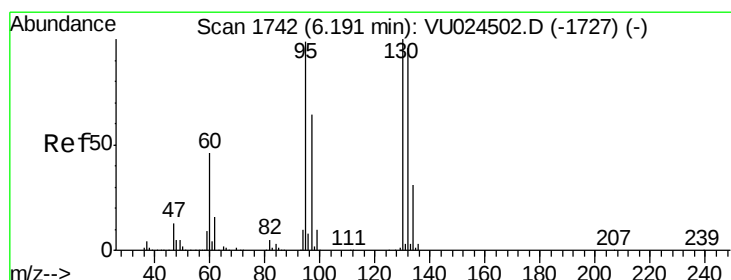
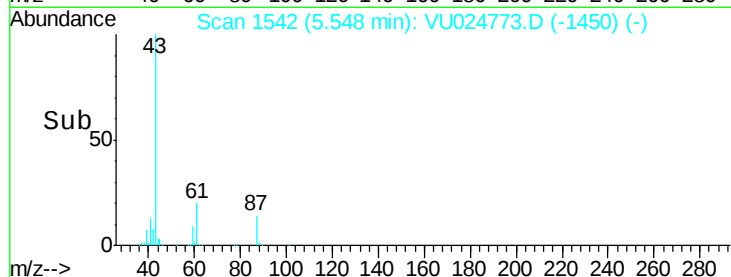
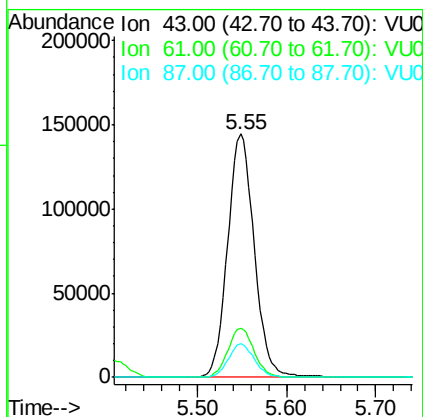
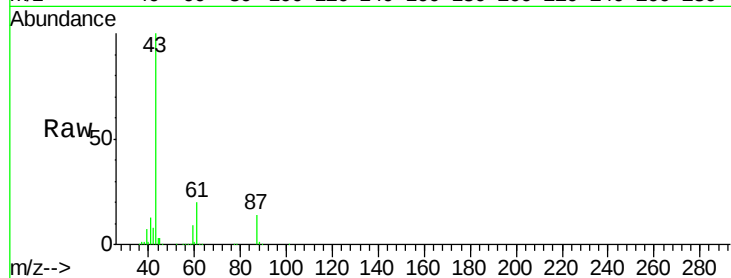
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	296542
Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.4	23.0
87	13.5	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 46.98 ug/l

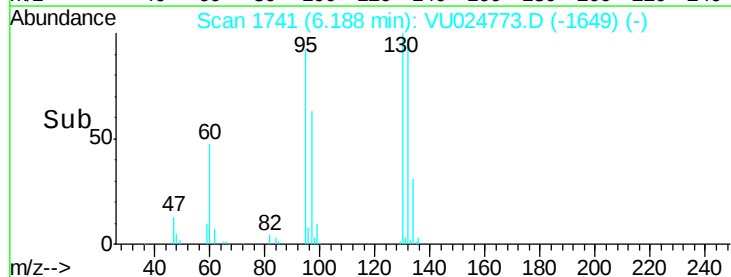
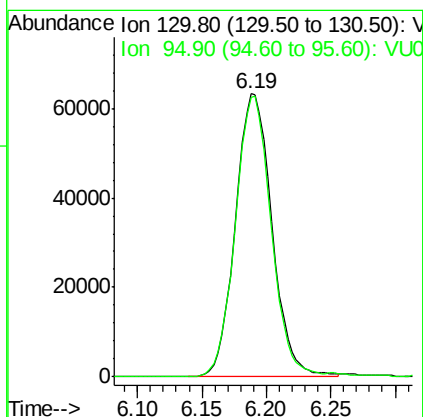
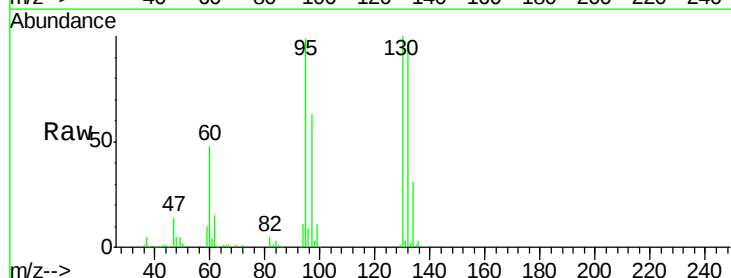
RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion:	130	Resp:	125008
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	202.4





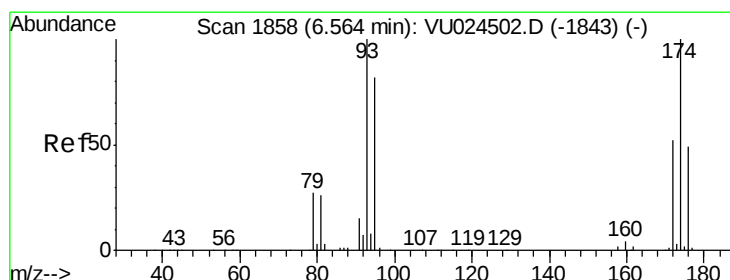
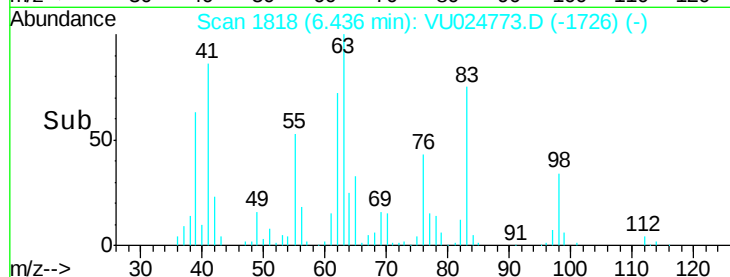
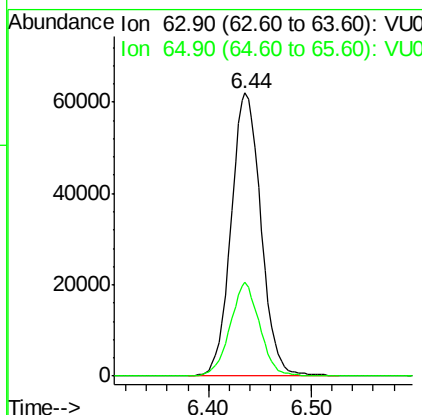
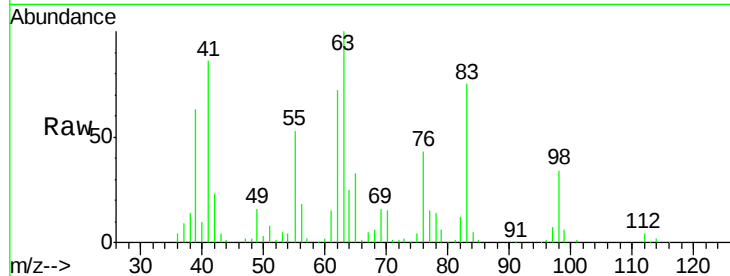
#45
 1,2-Dichloropropane
 Concen: 50.21 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 125253
 Ion Ratio Lower Upper
 63 100
 65 33.1 24.8 37.2

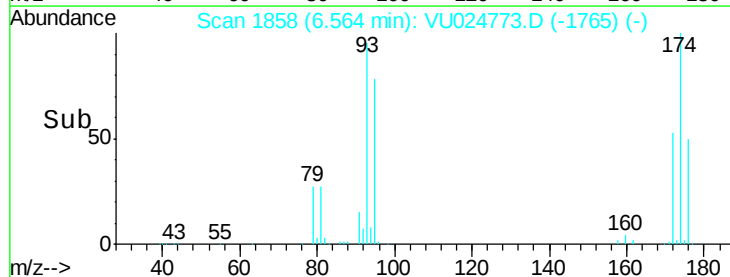
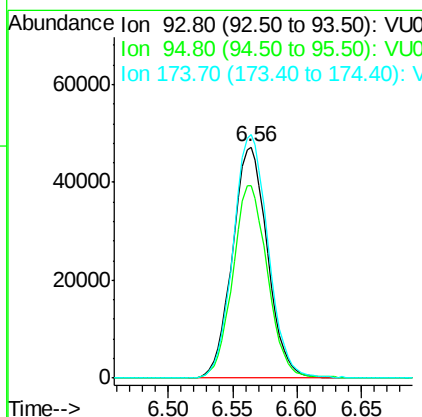
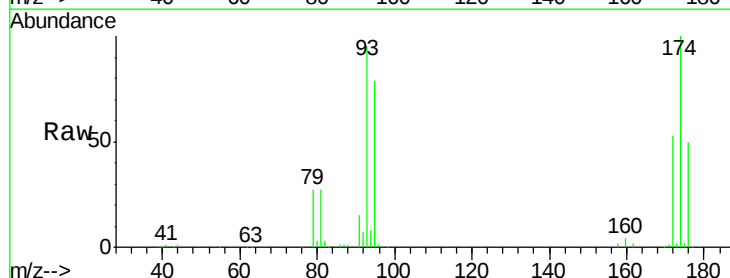
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#46
 Dibromomethane
 Concen: 50.91 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion: 93 Resp: 89216
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.5 98.3
 174 105.4 78.7 118.1





#47

Bromodichloromethane

Concen: 49.64 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

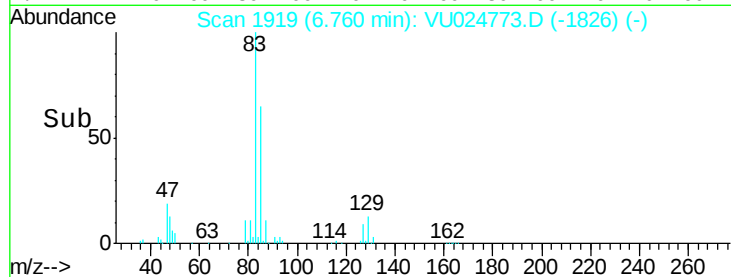
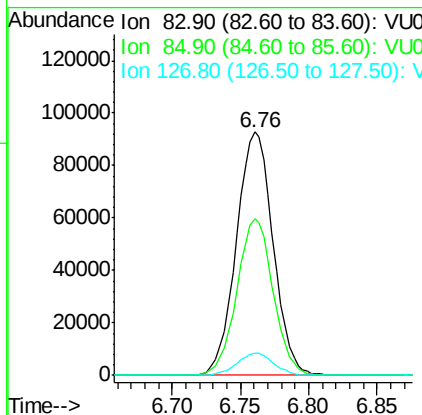
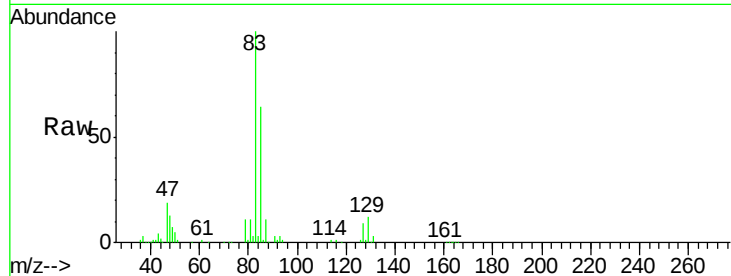
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	173226
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.9	77.9
127	9.0	6.6	9.8

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#48

Methyl methacrylate

Concen: 49.78 ug/l

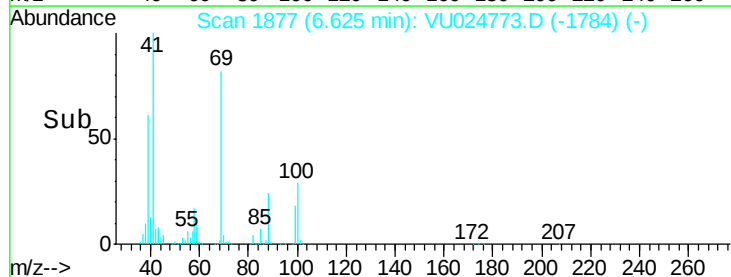
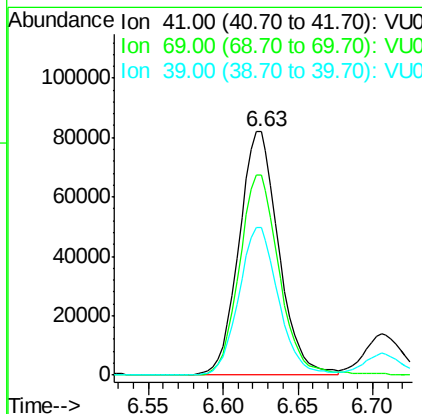
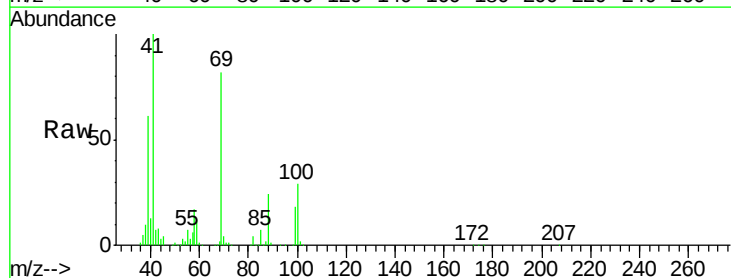
RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion:	41	Resp:	149855
Ion Ratio	Lower	Upper	
41	100		
69	83.7	67.3	100.9
39	60.3	46.5	69.7





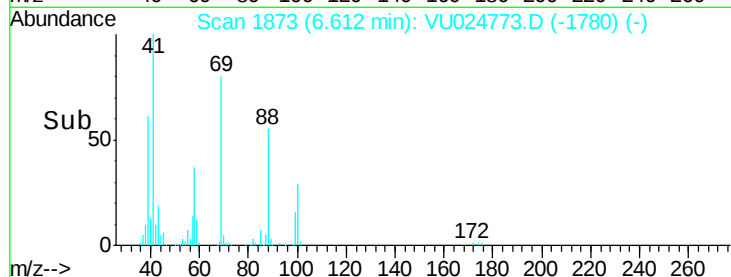
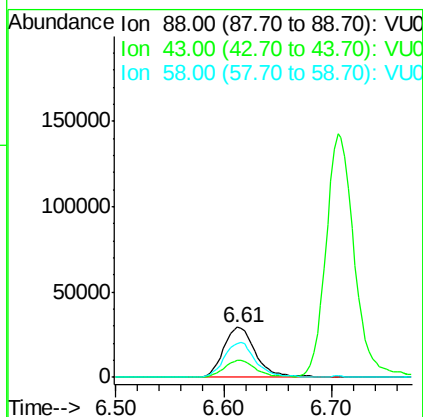
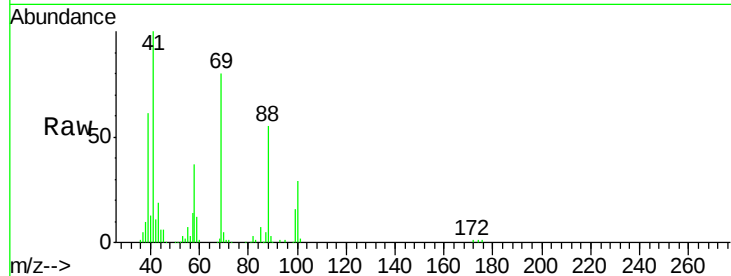
#49
1,4-Dioxane
Concen: 1012.72 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	28.6	42.8
58	69.4	58.2	87.4

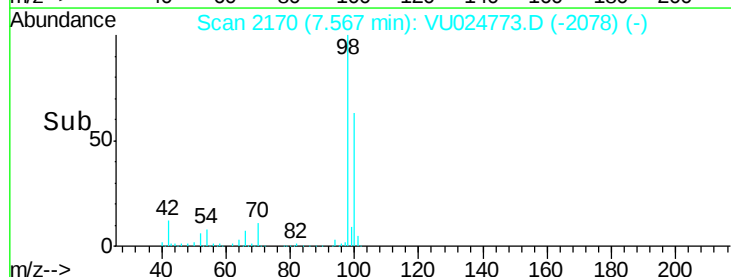
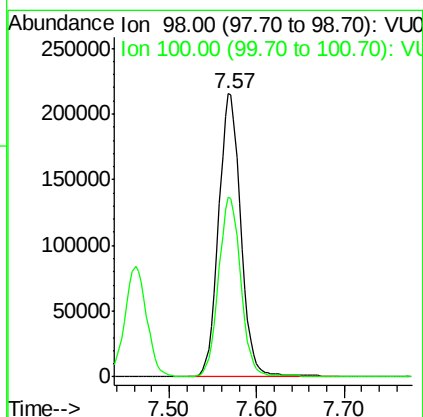
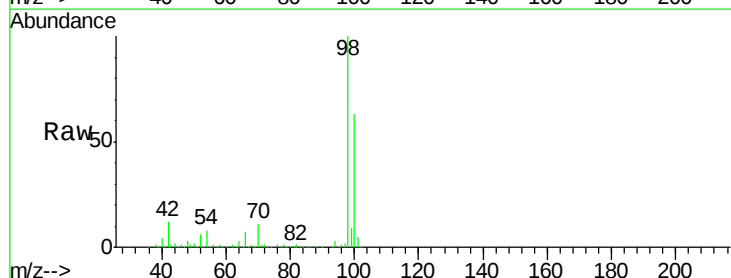
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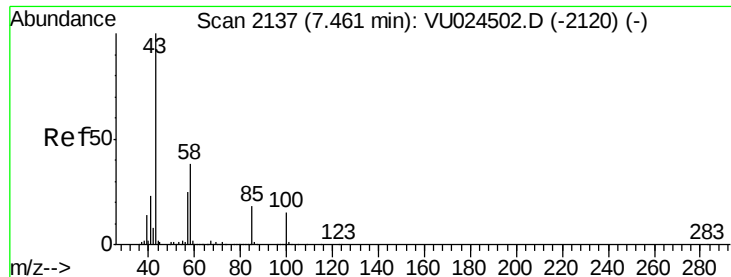
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#50
Toluene-d8
Concen: 45.00 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.1	76.7





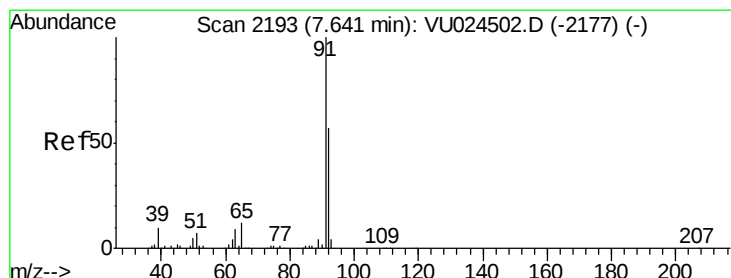
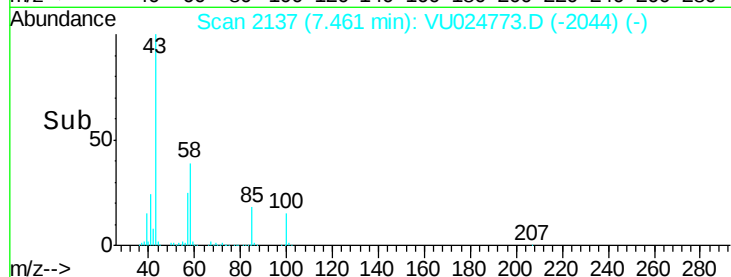
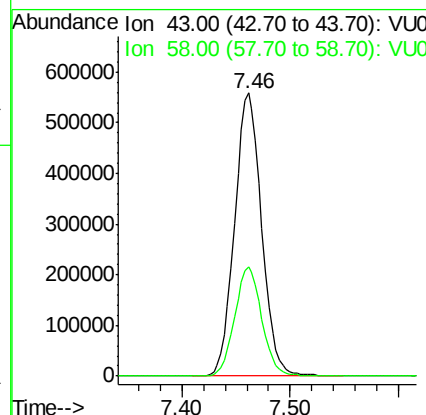
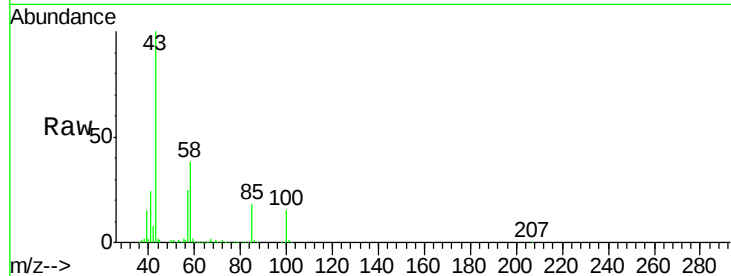
#51
 4-Methyl-2-Pentanone
 Concen: 251.29 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.6	30.0	45.0

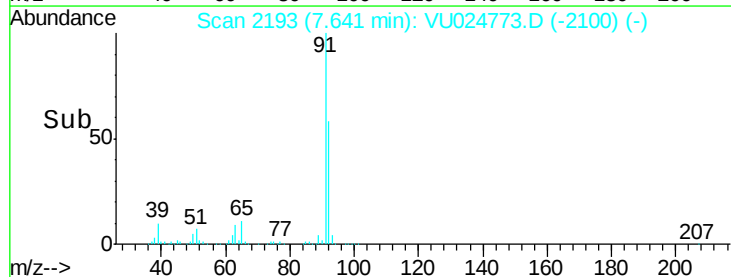
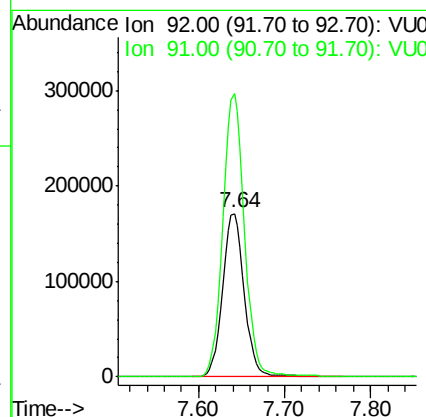
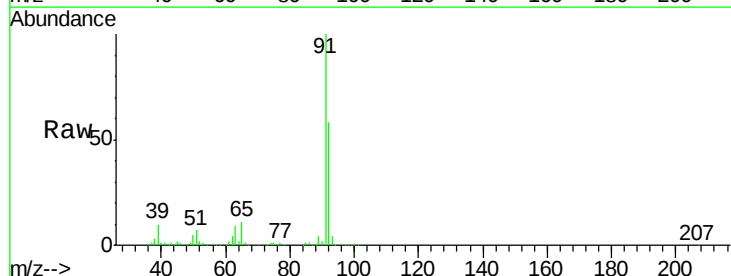
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#52
 Toluene
 Concen: 49.86 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.6	140.5	210.7





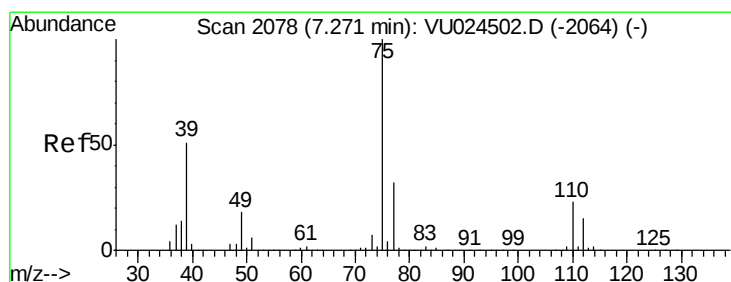
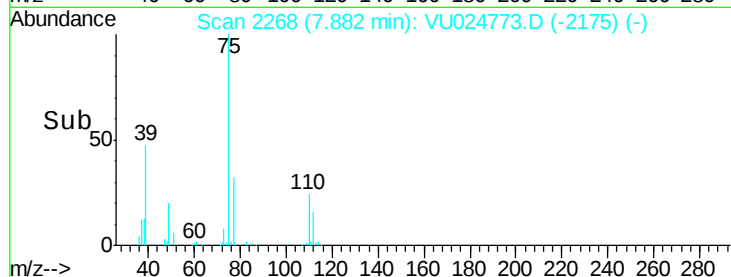
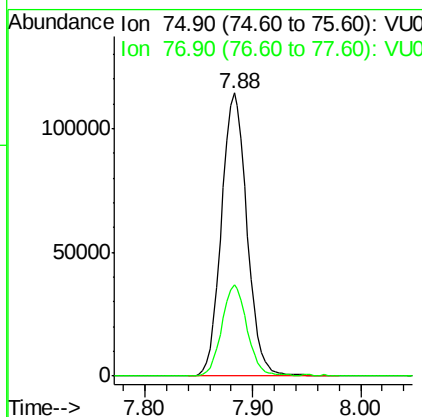
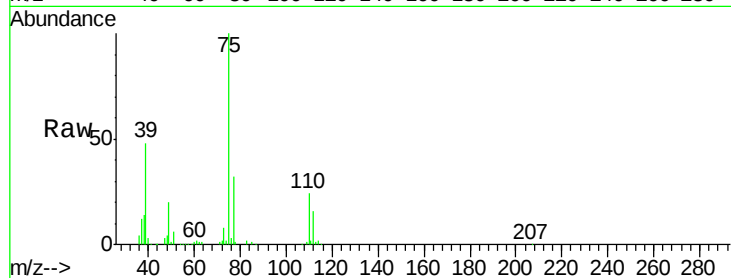
#53
t-1,3-Dichloropropene
Concen: 48.26 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.8	37.2

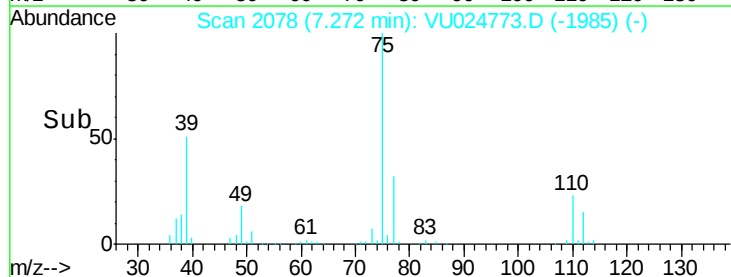
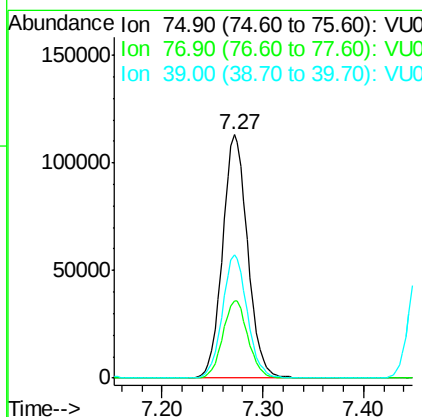
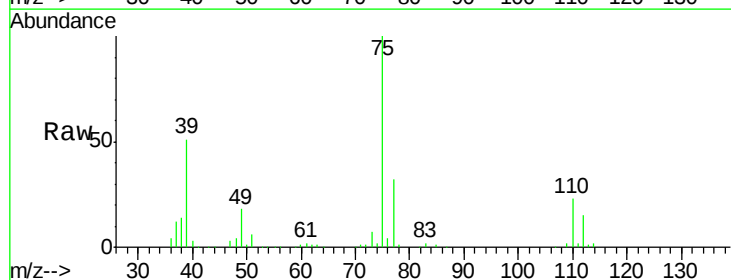
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#54
cis-1,3-Dichloropropene
Concen: 47.07 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	36.8
39	50.7	39.8	59.6





#55

1,1,2-Trichloroethane

Concen: 50.71 ug/l

RT: 8.07 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

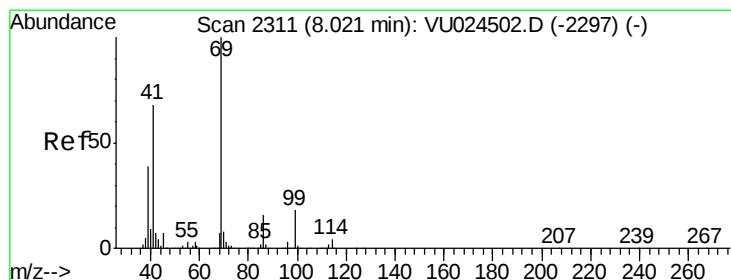
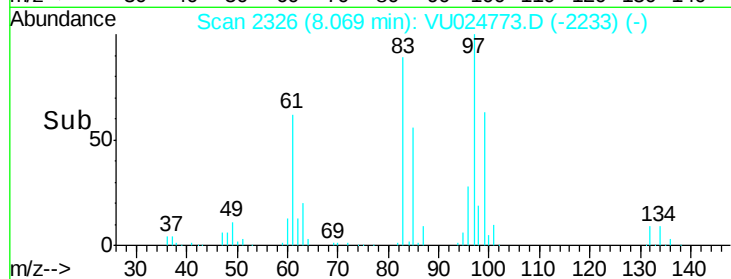
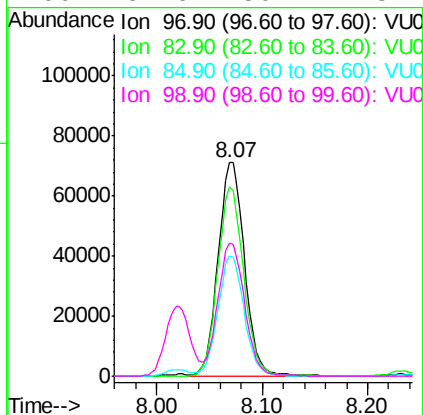
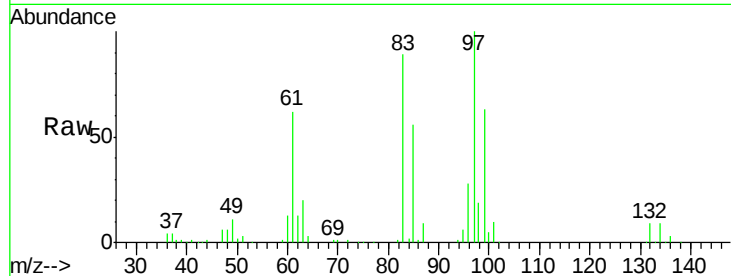
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		123992		
83	88.7	70.5	105.7		
85	56.4	46.4	69.6		
99	62.6	50.2	75.2		

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#56

Ethyl methacrylate

Concen: 49.94 ug/l

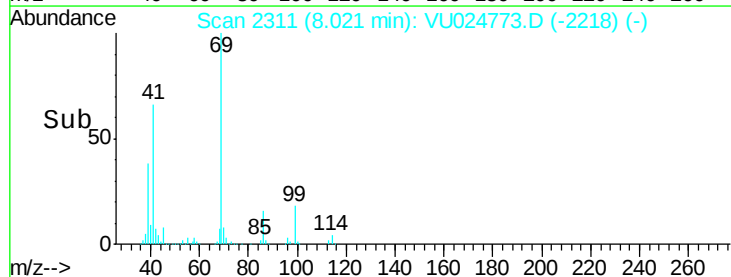
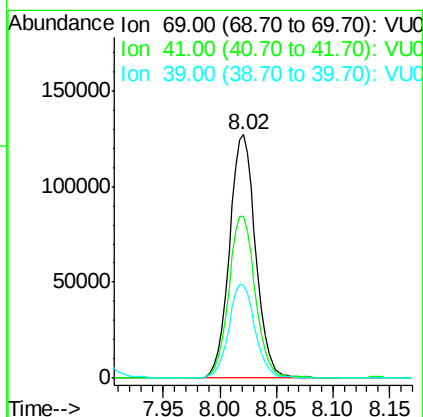
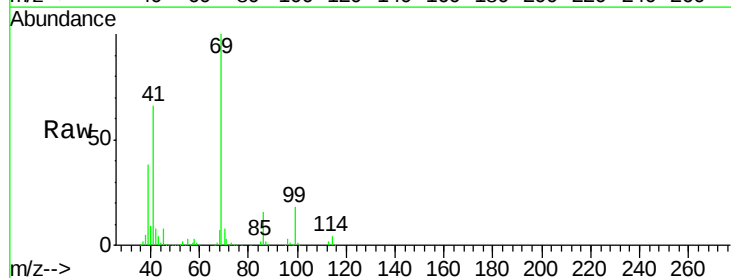
RT: 8.02 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		204369		
41	67.2	54.1	81.1		
39	38.3	30.3	45.5		





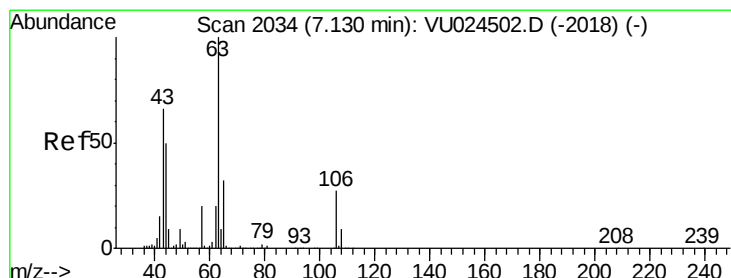
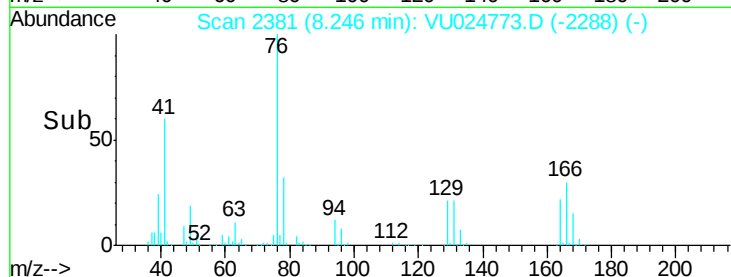
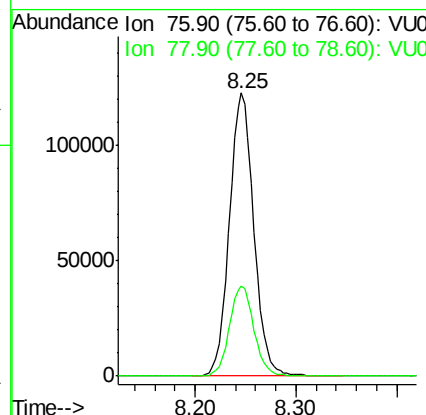
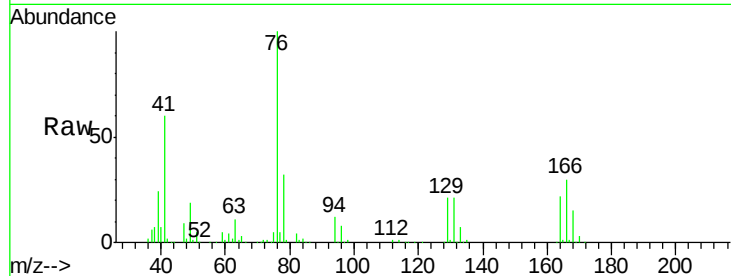
#57
 1,3-Dichloropropane
 Concen: 50.47 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.2	37.8

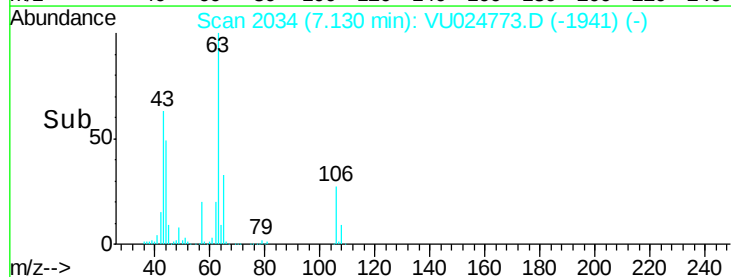
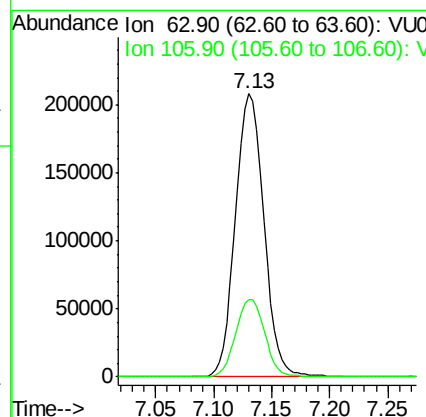
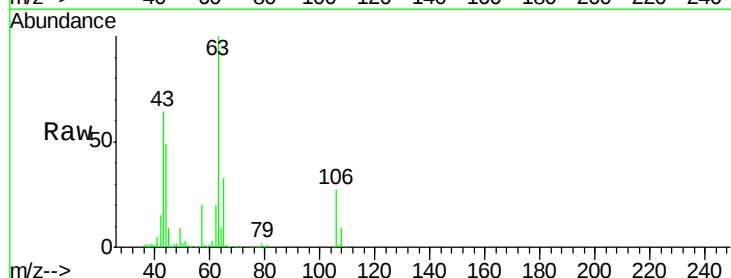
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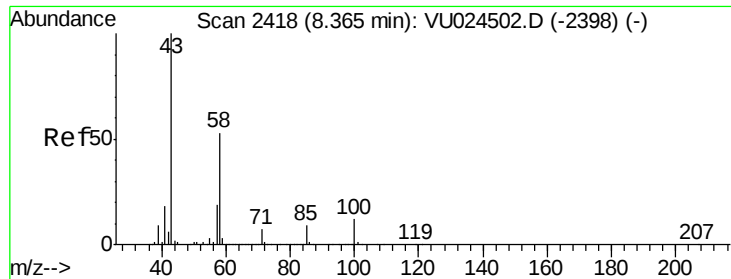
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#58
 2-Chloroethyl Vinyl ether
 Concen: 226.40 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	20.2	30.2





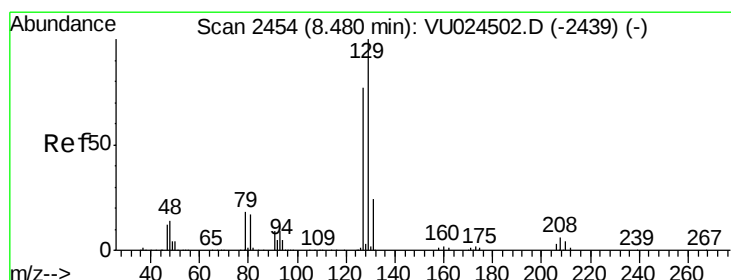
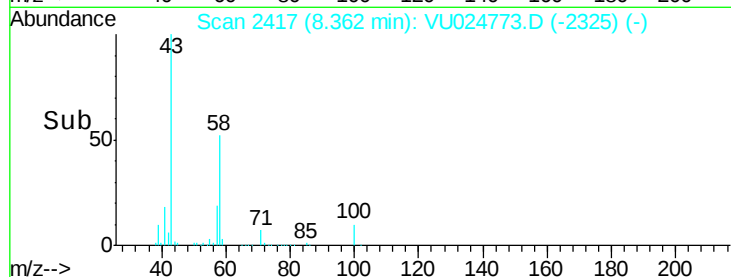
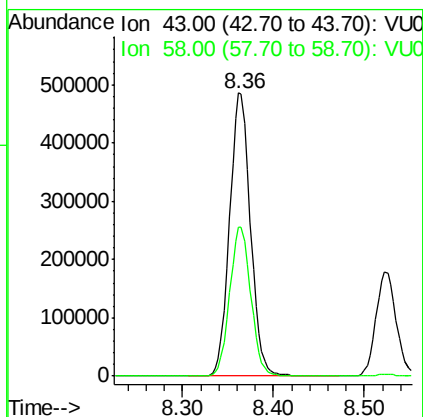
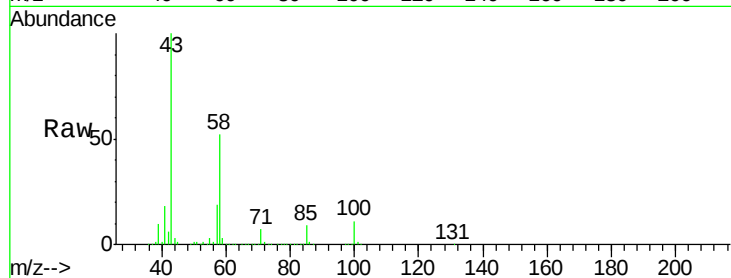
#59
2-Hexanone
Concen: 244.28 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 774523
Ion Ratio Lower Upper
43 100
58 53.3 26.4 79.0

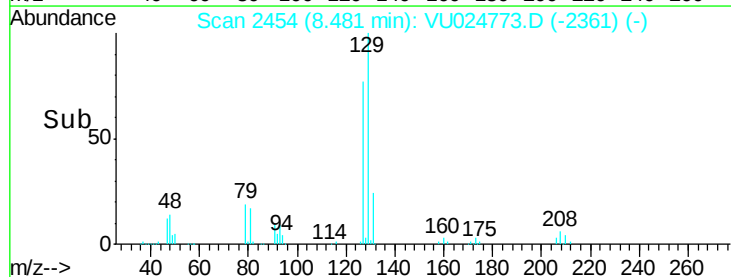
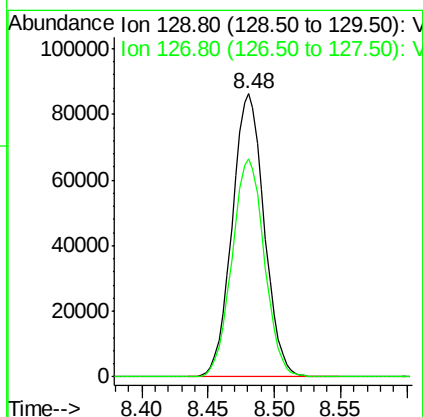
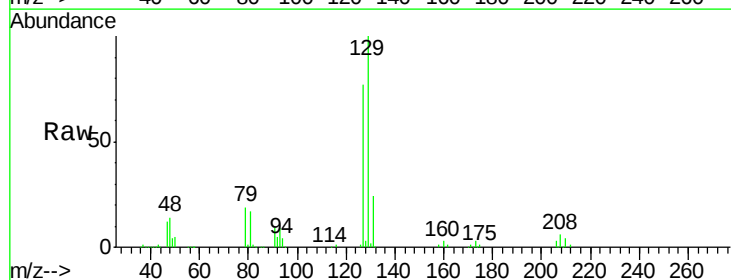
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#60
Dibromochloromethane
Concen: 47.57 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion: 129 Resp: 145051
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





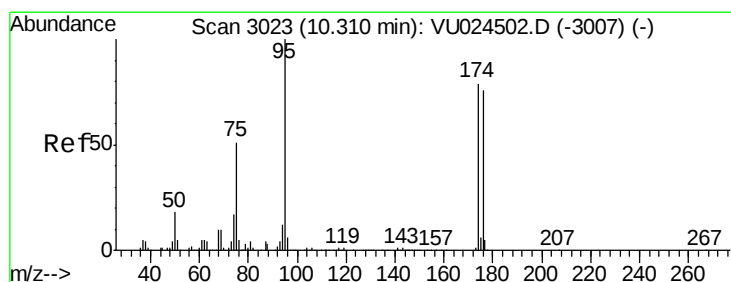
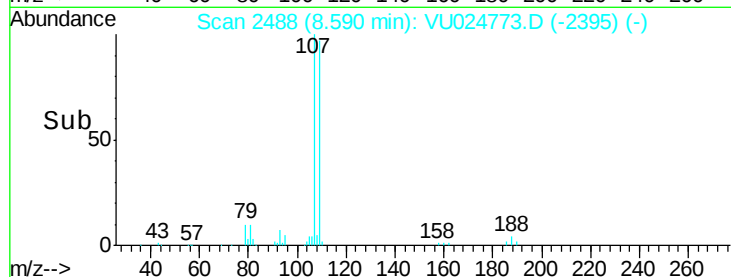
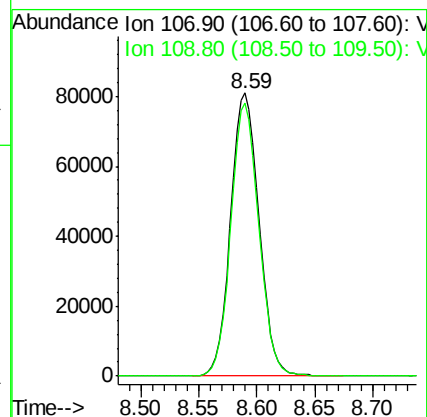
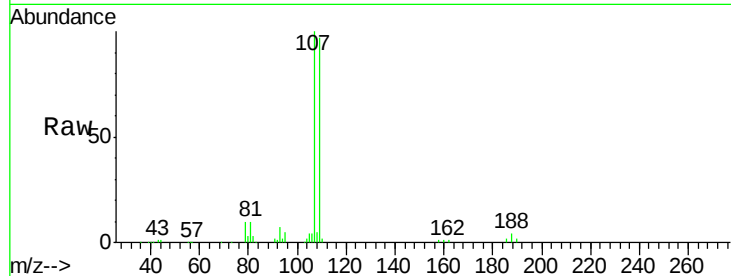
#61
 1,2-Dibromoethane
 Concen: 50.56 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	74.5	111.7

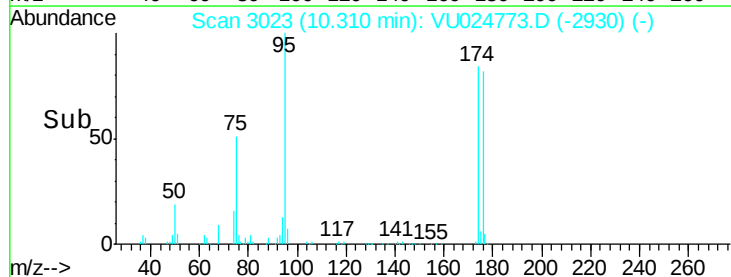
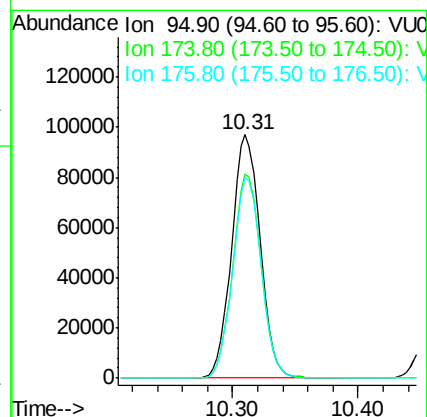
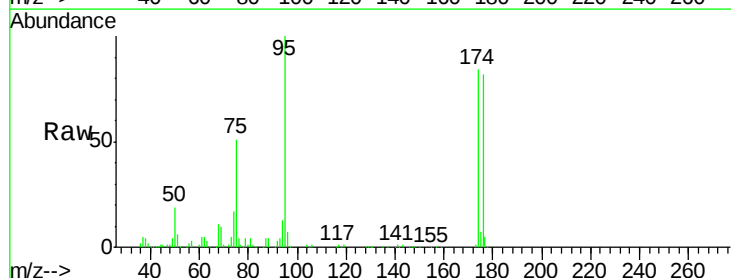
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#62
 4-Bromofluorobenzene
 Concen: 45.64 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	165.8
176	82.1	0.0	159.4





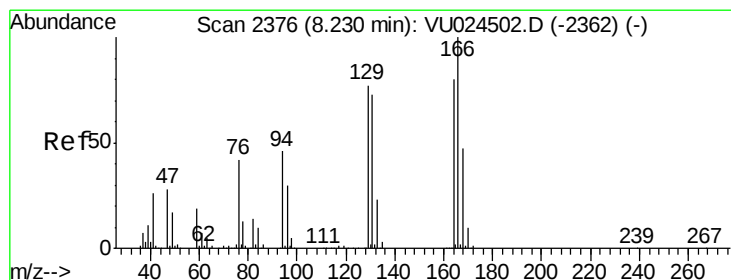
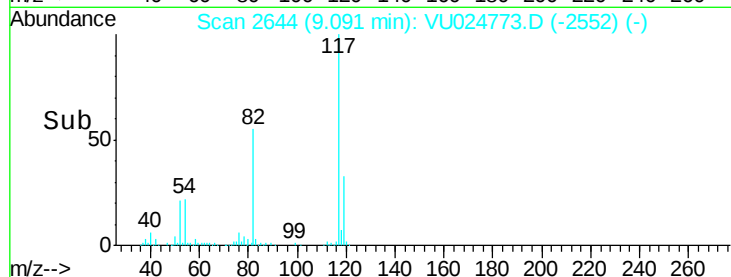
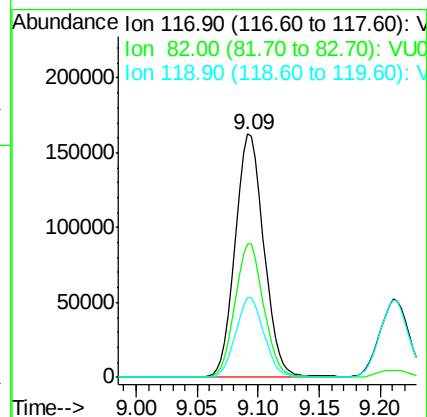
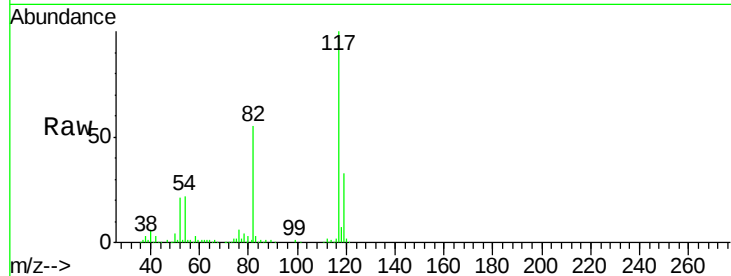
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	268580		
82	55.1	44.3	66.5	
119	32.9	25.4	38.2	

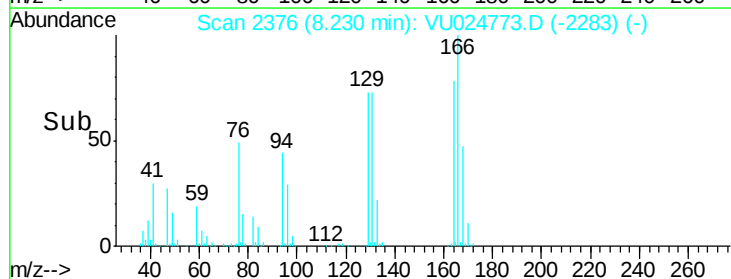
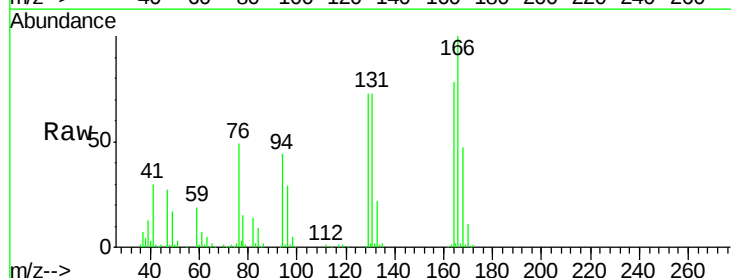
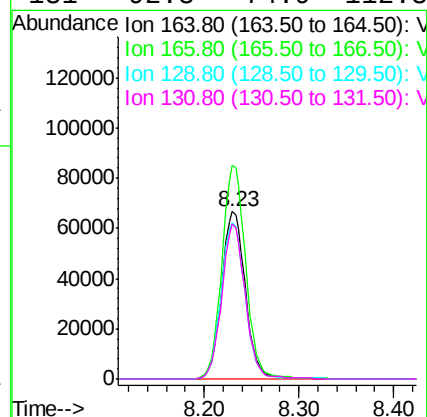
Manual Integrations
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#64
Tetrachloroethene
Concen: 45.60 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116419		
166	127.6	101.7	152.5	
129	93.5	76.9	115.3	
131	92.8	74.9	112.3	





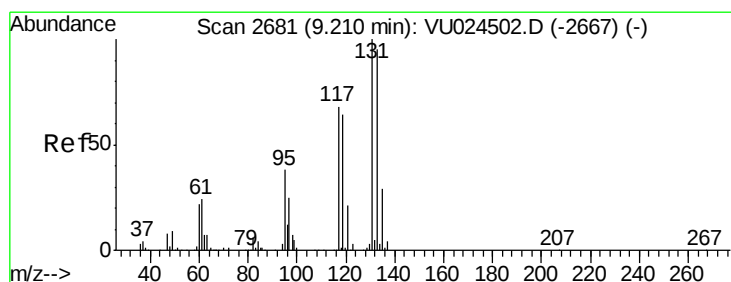
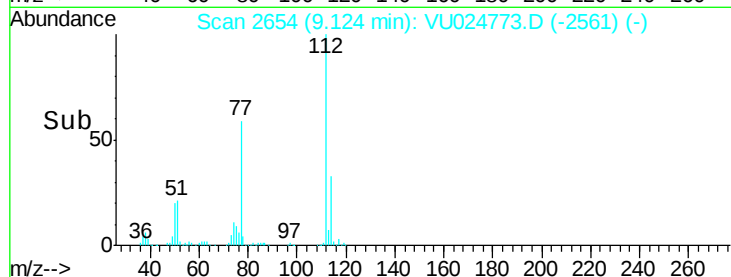
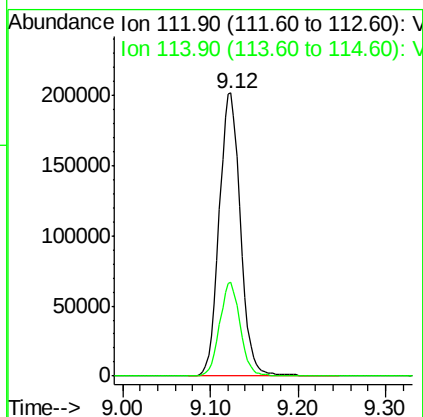
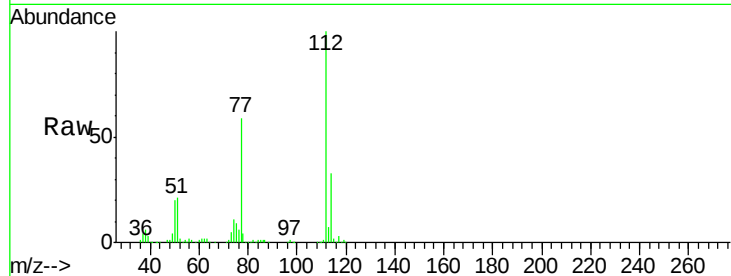
#65
Chlorobenzene
Concen: 49.62 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.6	38.4

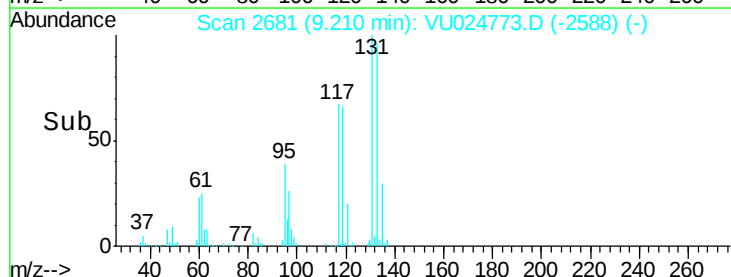
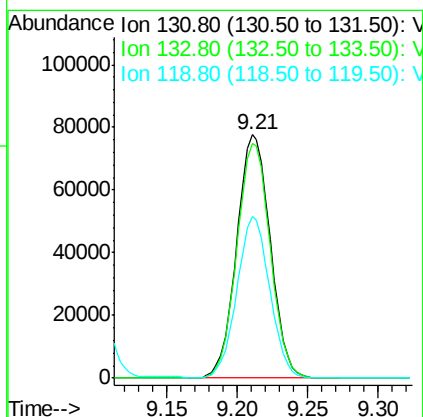
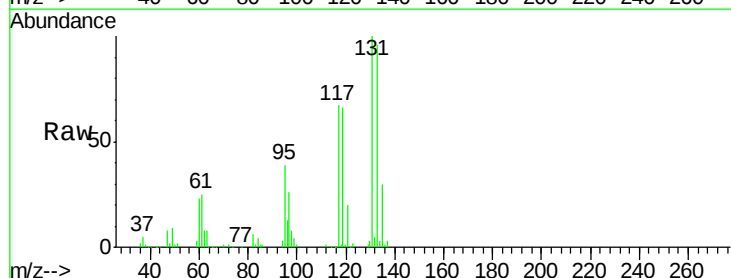
Manual Integrations
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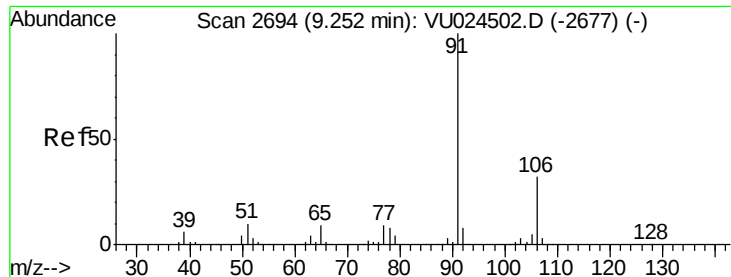
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.83 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	46.9	140.8
119	64.8	33.5	100.4





#67

Ethyl Benzene

Concen: 49.08 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 590389

Ion Ratio Lower Upper

91 100

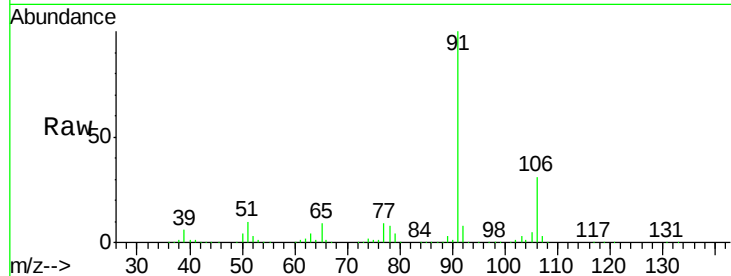
106 31.2 24.2 36.4

Manual Integrations

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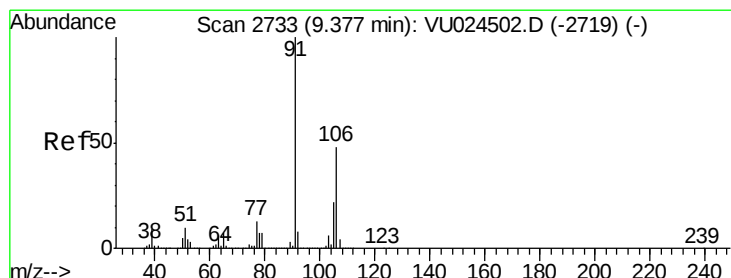
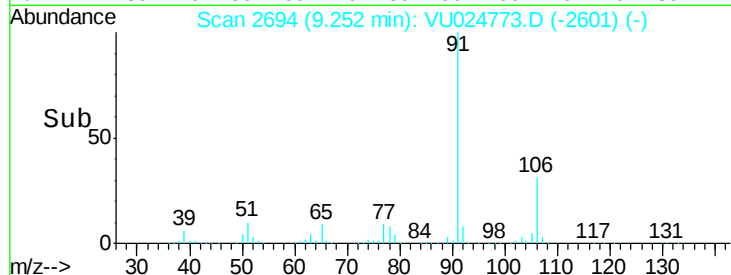
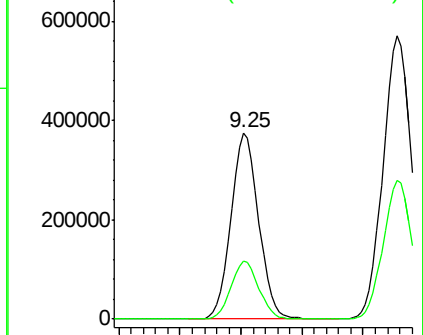
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 99.23 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024773.D

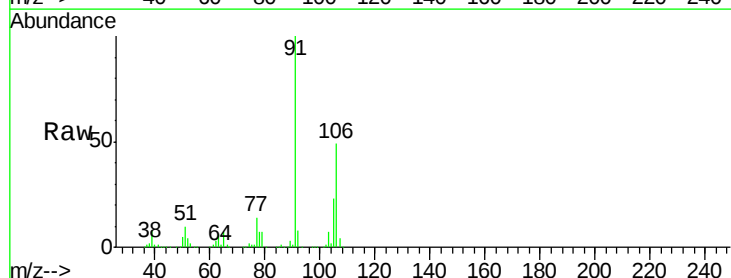
Acq: 20 Jun 2018 21:35

Tgt Ion: 106 Resp: 458340

Ion Ratio Lower Upper

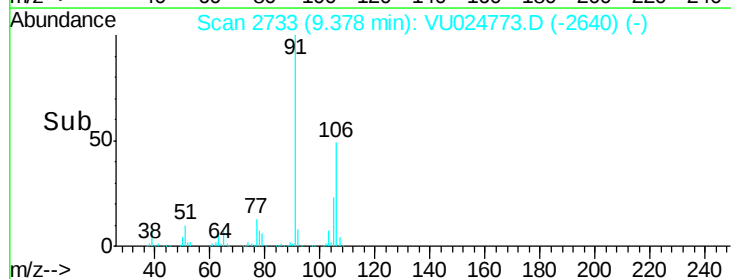
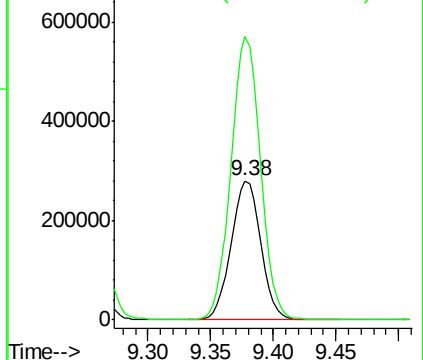
106 100

91 203.4 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





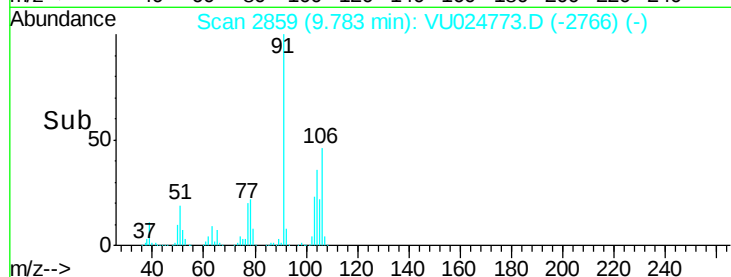
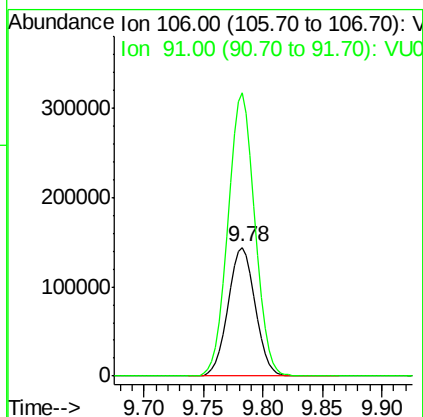
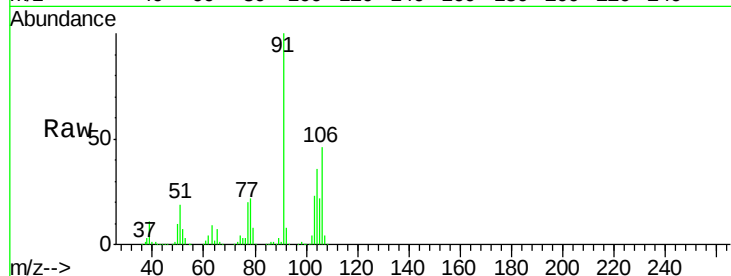
#69
o-Xylene
Concen: 49.94 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.0	110.7	331.9

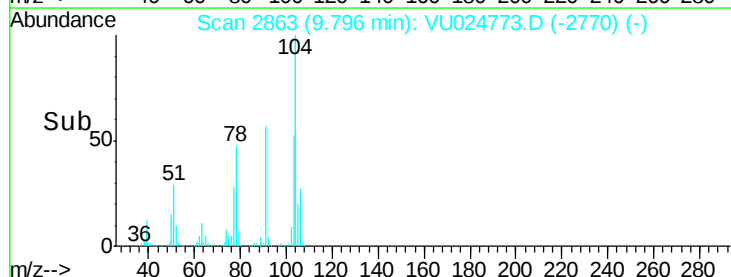
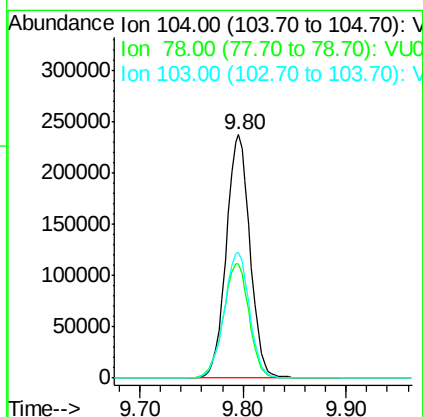
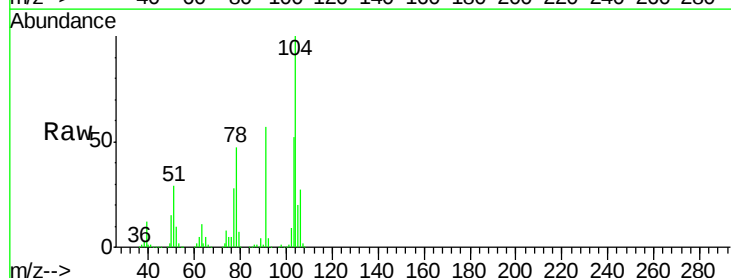
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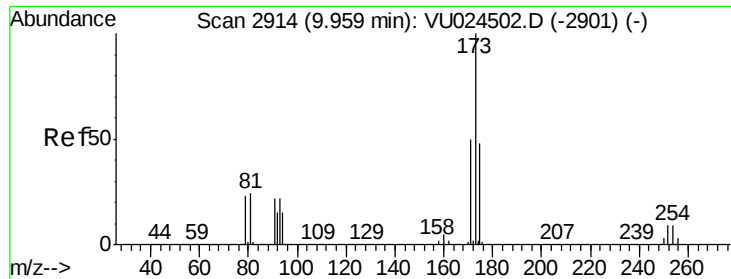
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#70
Styrene
Concen: 50.58 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.2	40.6	60.8
103	55.2	44.7	67.1





#71

Bromoform

Concen: 47.75 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

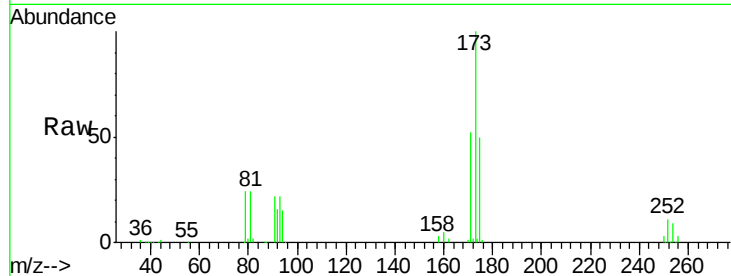
ClientSampleId :

VSTDCCC050EC

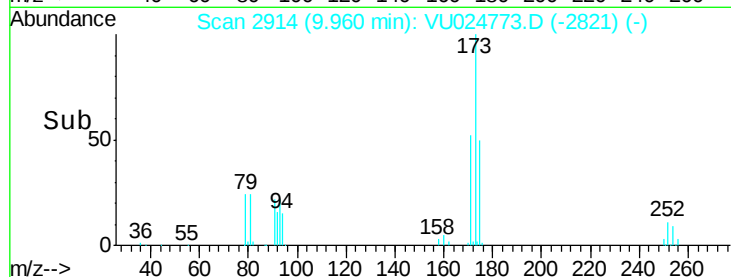
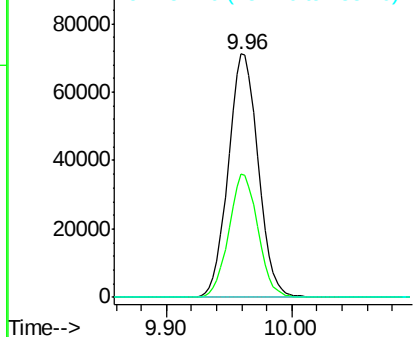
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.6	74.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

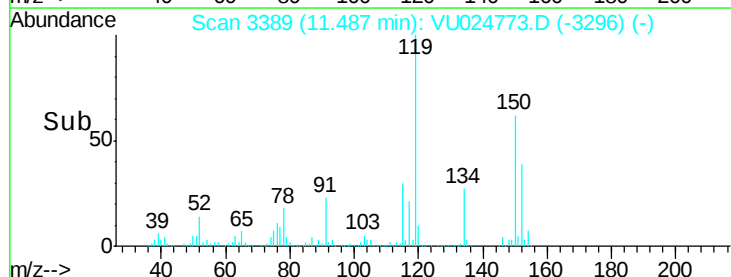
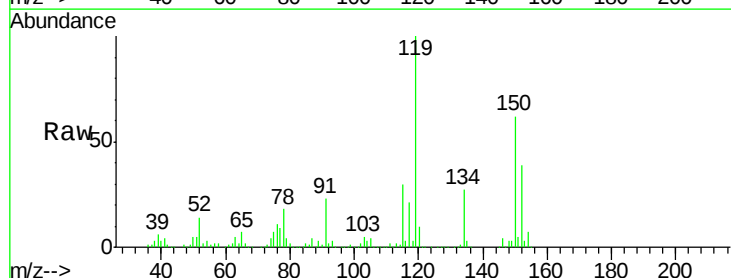
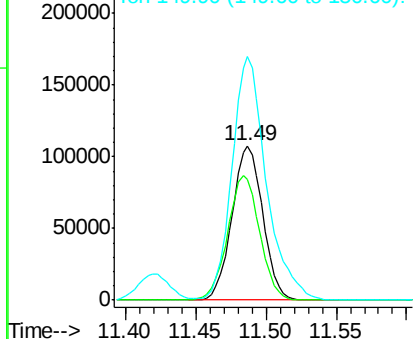
Delta R.T. 0.00 min

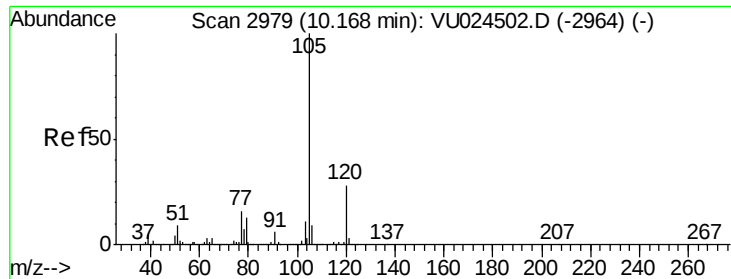
Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.8	43.0	129.0
150	175.8	0.0	354.0

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





#73

Isopropylbenzene

Concen: 48.97 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 617024

Ion Ratio Lower Upper

105 100

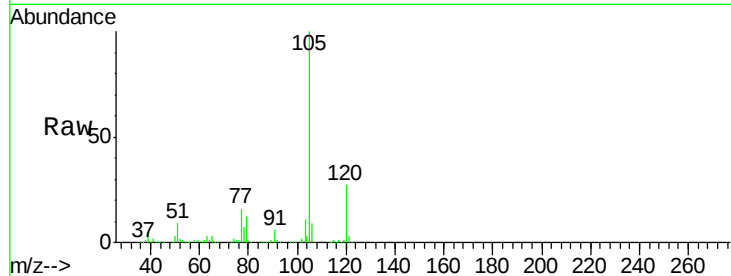
120 26.9 13.2 39.6

Manual Integrations

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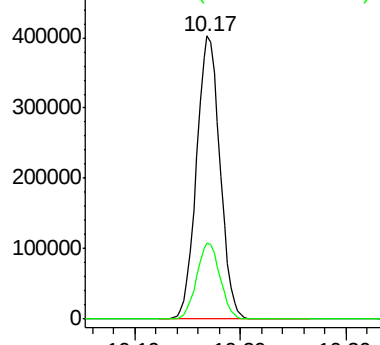
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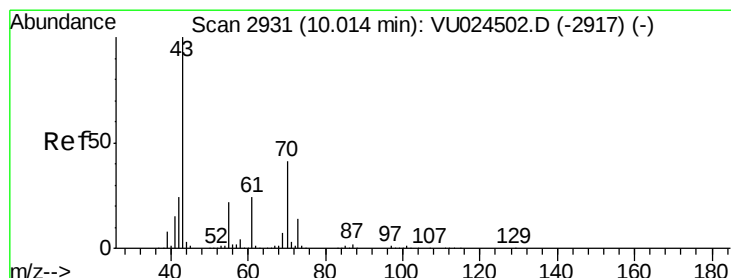
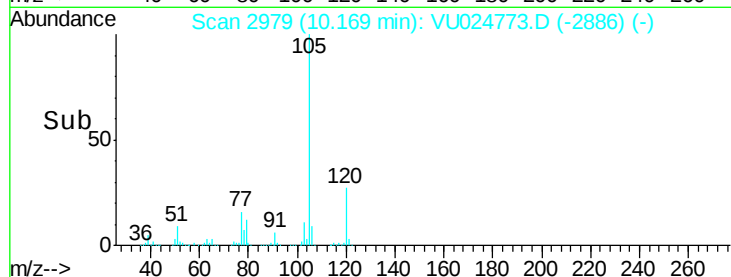


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 48.78 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion: 43 Resp: 292349

Ion Ratio Lower Upper

43 100

70 40.8 32.2 48.4

55 22.6 20.5 30.7

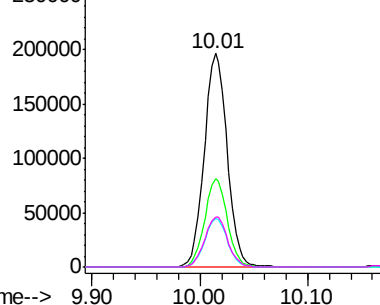
61 23.5 18.7 28.1

Abundance Ion 43.00 (42.70 to 43.70): VU0

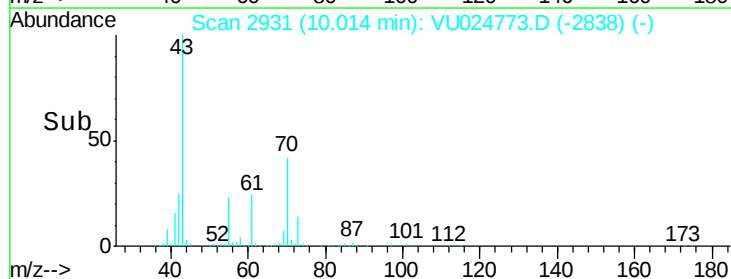
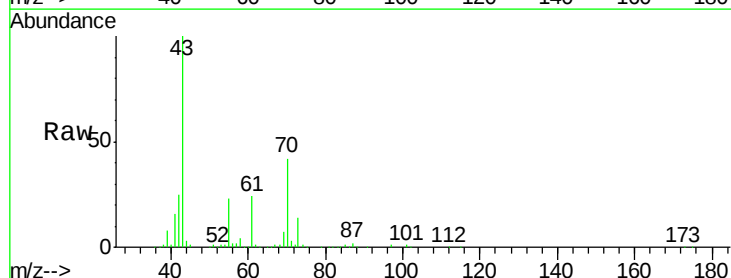
Ion 70.00 (69.70 to 70.70): VU0

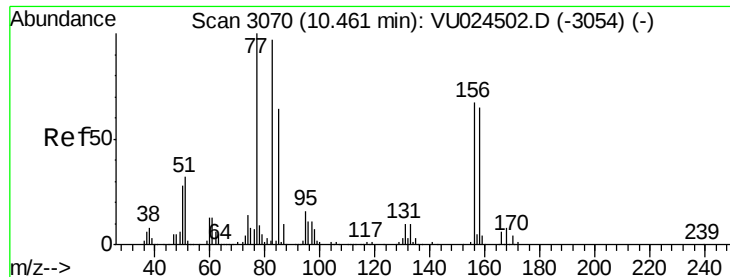
Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.22 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 212050

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

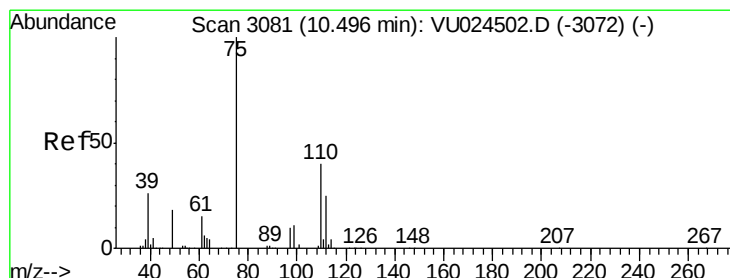
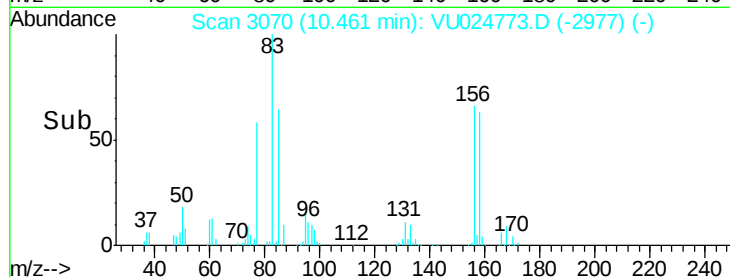
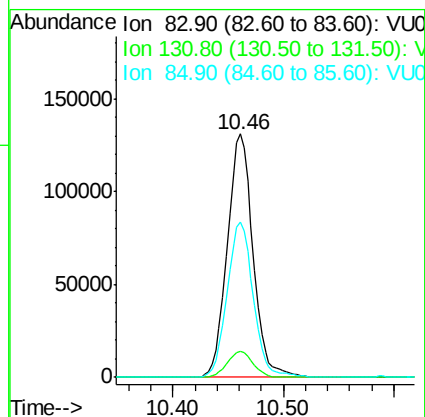
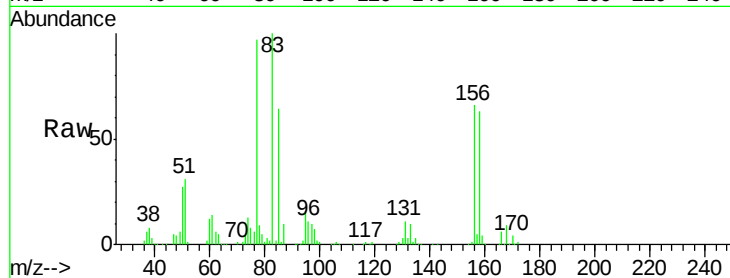
85 65.0 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 51.86 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024773.D

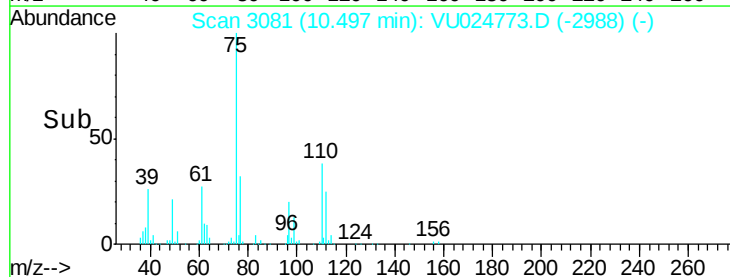
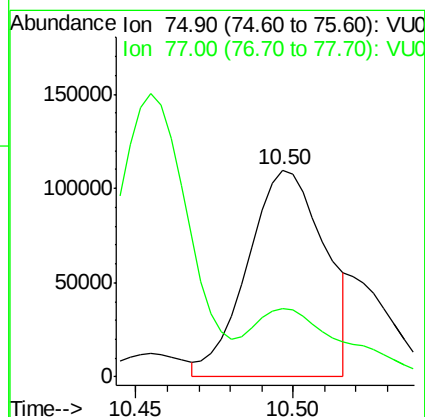
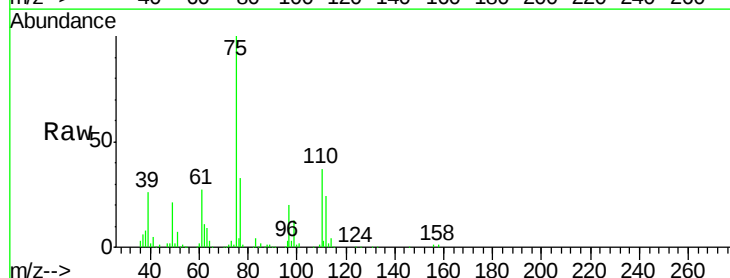
Acq: 20 Jun 2018 21:35

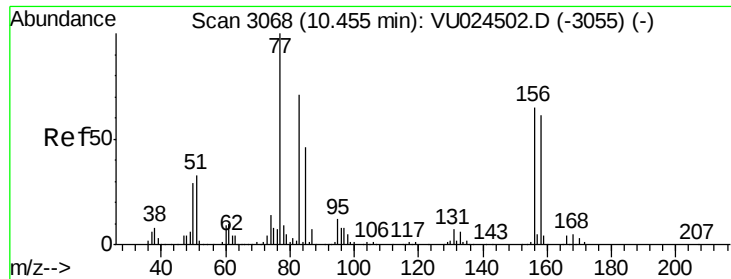
Tgt Ion: 75 Resp: 187389

Ion Ratio Lower Upper

75 100

77 40.8 20.9 62.7





#77

Bromobenzene

Concen: 49.60 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

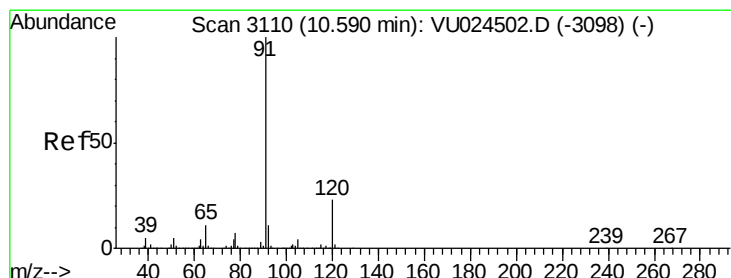
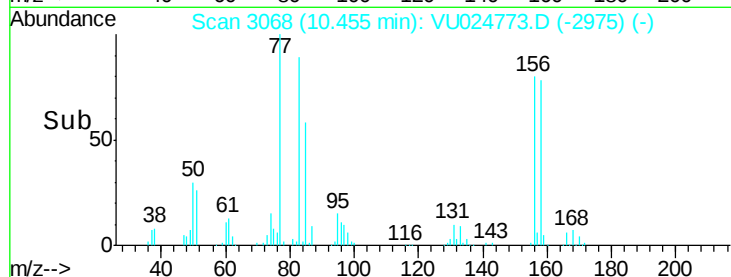
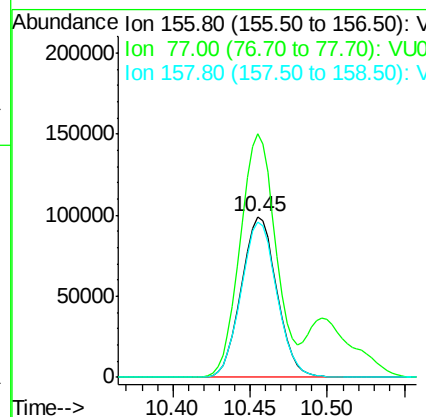
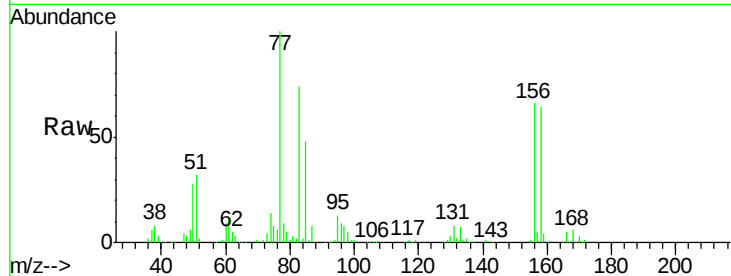
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	158219
Ion Ratio	Lower	Upper	
156	100		
77	152.4	80.5	241.3
158	97.8	48.2	144.6

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#78

n-propylbenzene

Concen: 47.34 ug/l

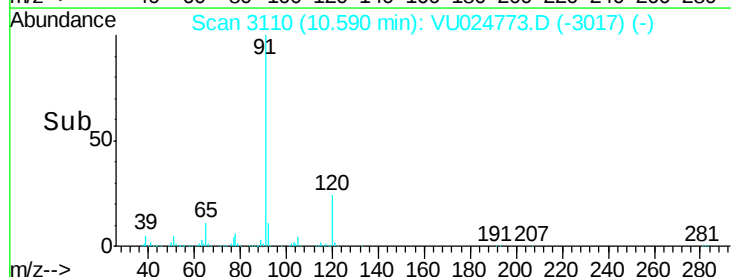
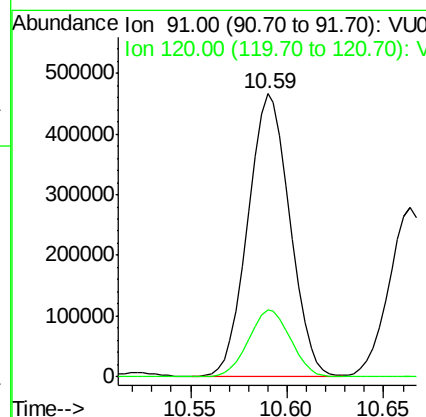
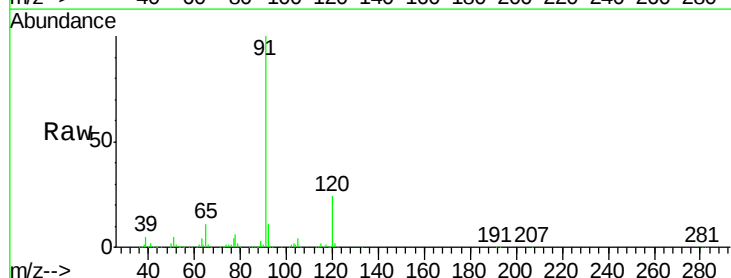
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion:	91	Resp:	702701
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.2	33.5





#79

2-Chlorotoluene

Concen: 48.42 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 423833

Ion Ratio Lower Upper

91 100

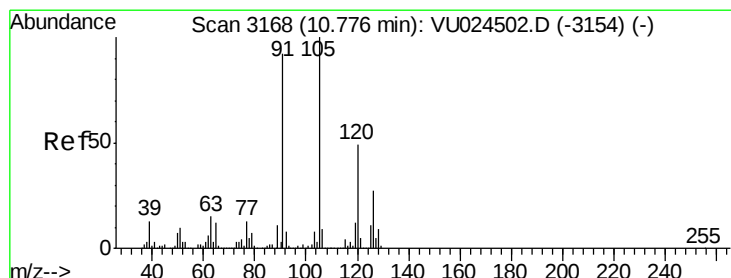
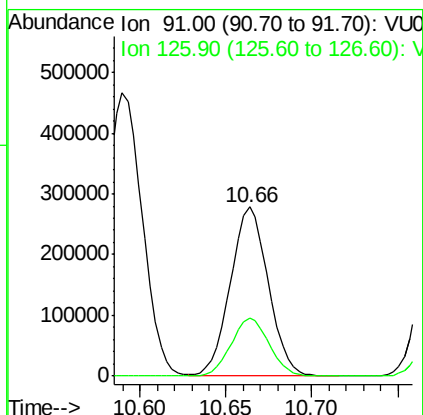
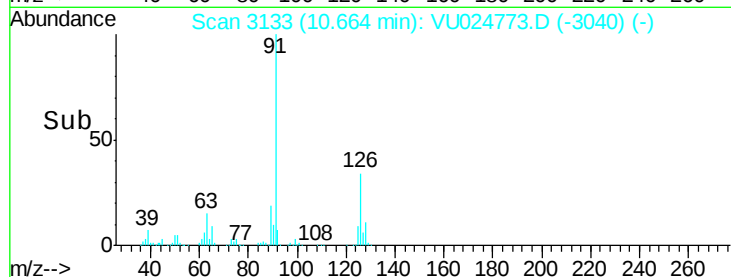
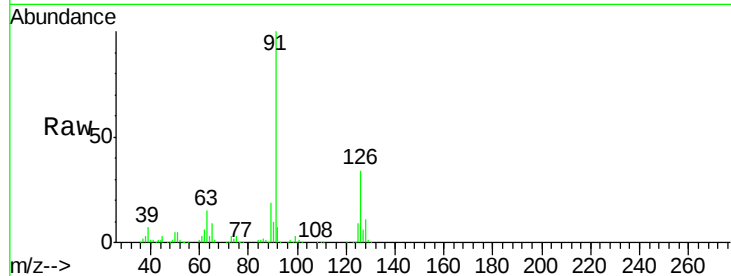
126 34.9 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 48.97 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024773.D

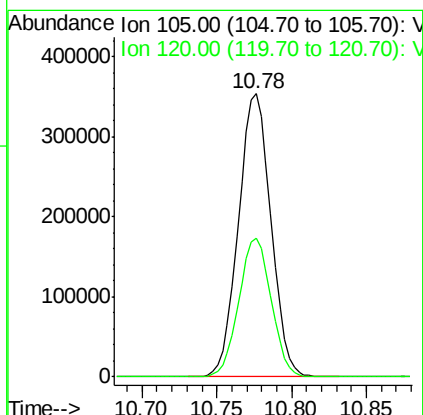
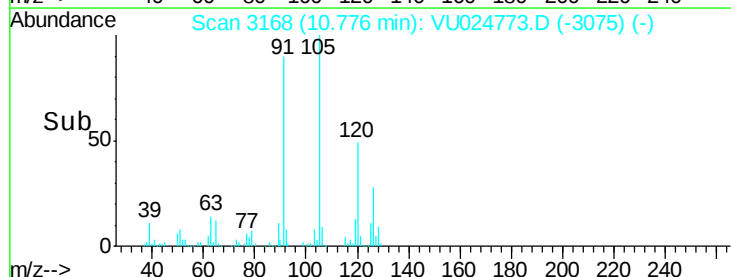
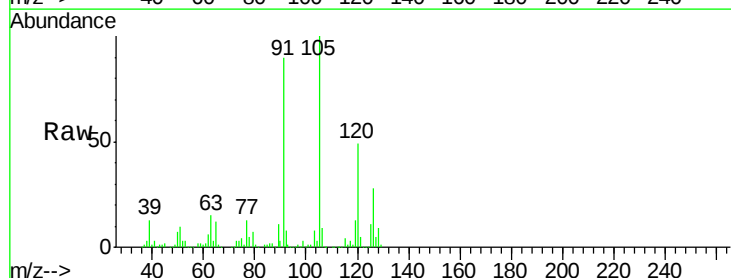
Acq: 20 Jun 2018 21:35

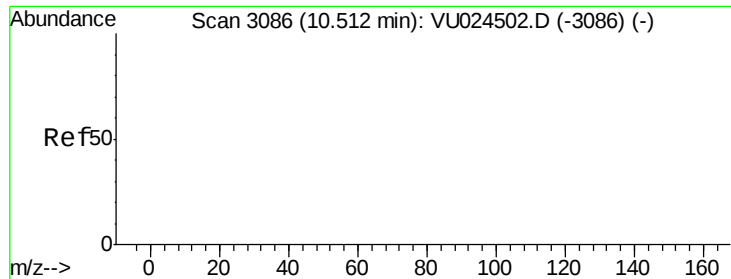
Tgt Ion: 105 Resp: 534829

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 39.71 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

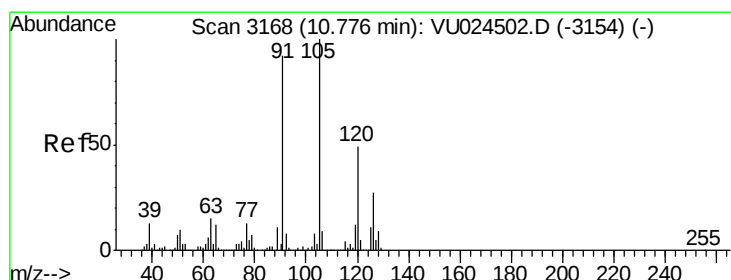
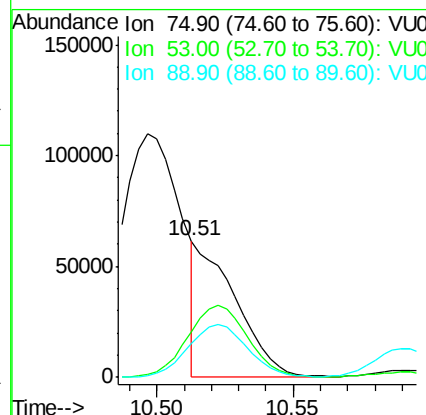
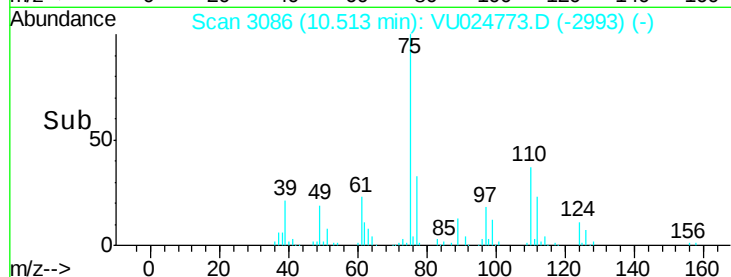
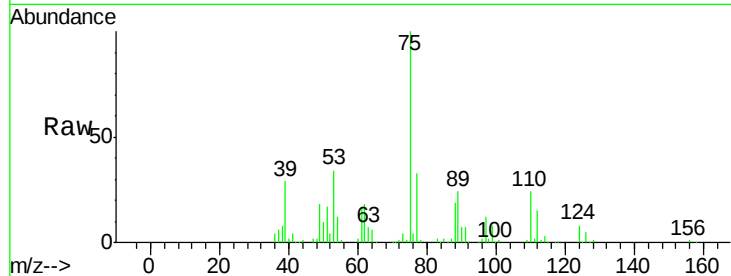
Instrument :
MSVOA_U

ClientSampleId :
VSTDCCC050EC

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

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#82

4-Chlorotoluene

Concen: 48.14 ug/l

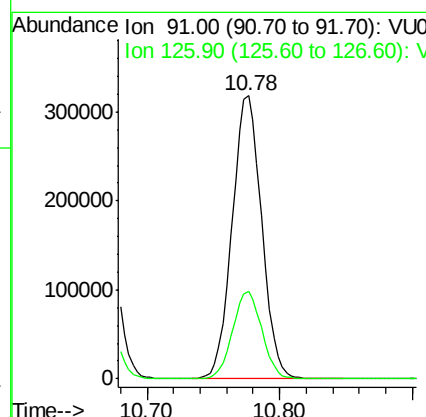
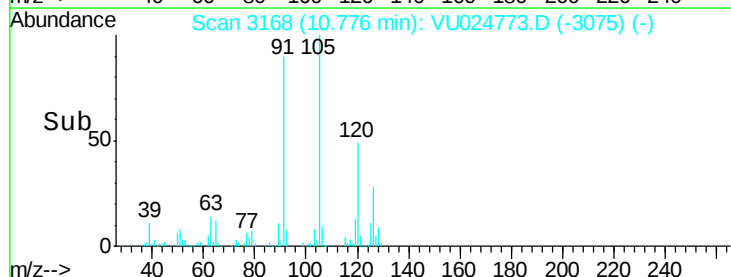
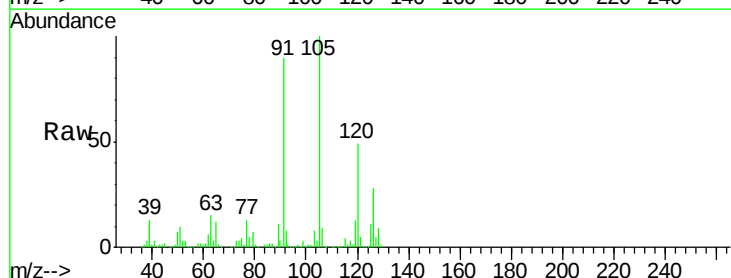
RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	14.9	44.9





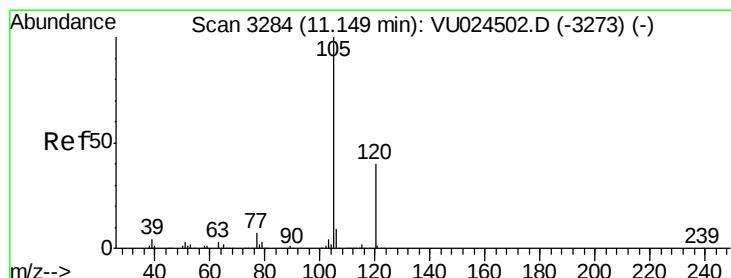
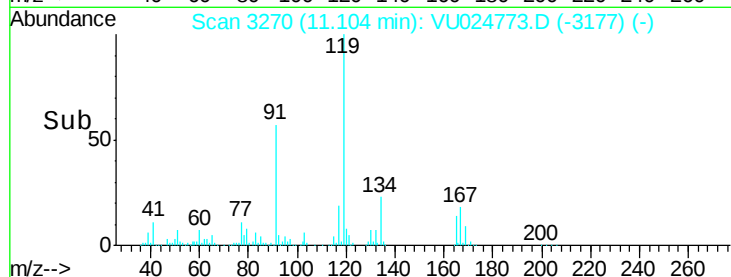
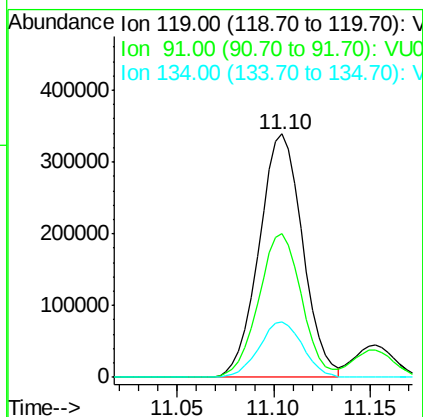
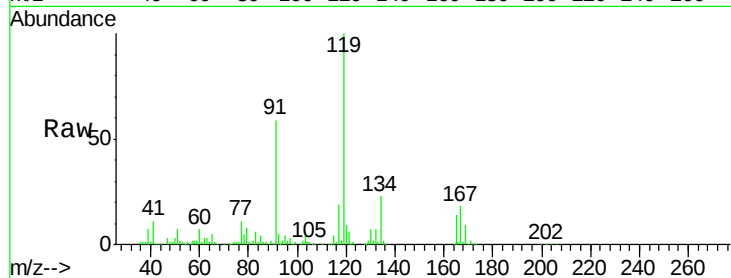
#83
tert-Butylbenzene
Concen: 50.60 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.6	29.7	89.1
134	22.9	11.6	34.7

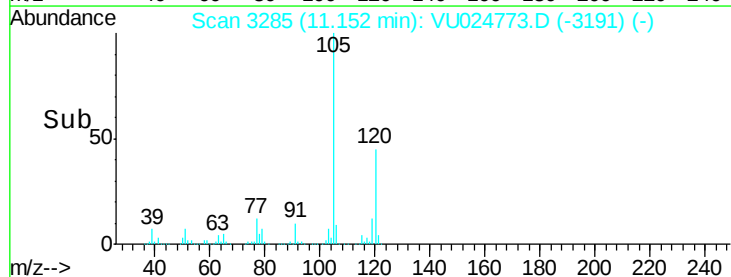
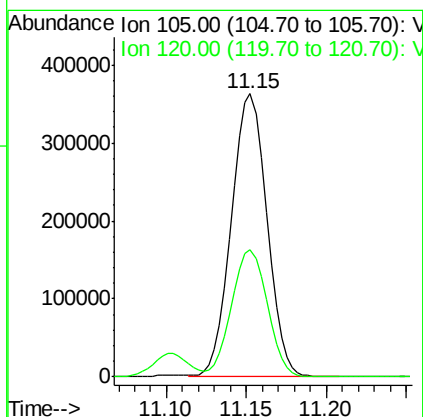
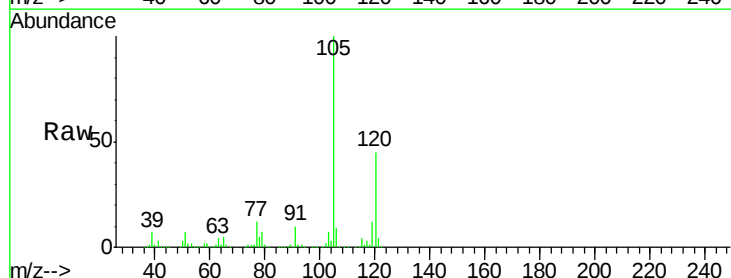
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#84
1,2,4-Trimethylbenzene
Concen: 49.31 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.6	67.8





#85

sec-Butylbenzene

Concen: 49.11 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 645734

Ion Ratio Lower Upper

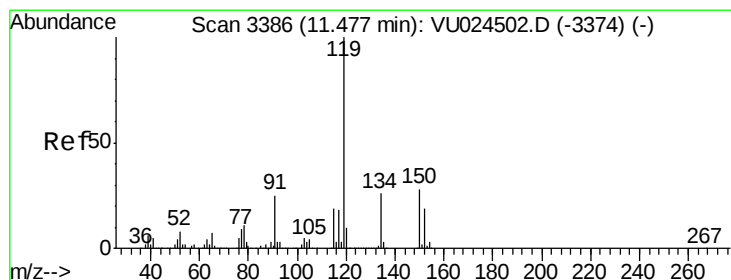
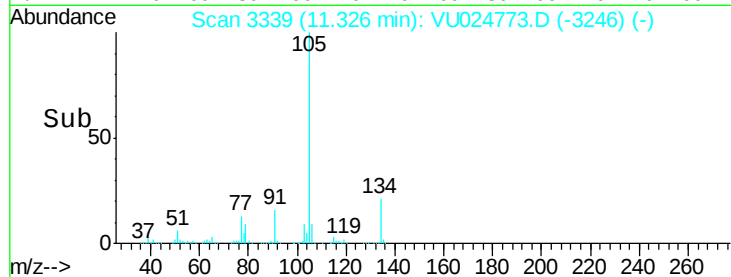
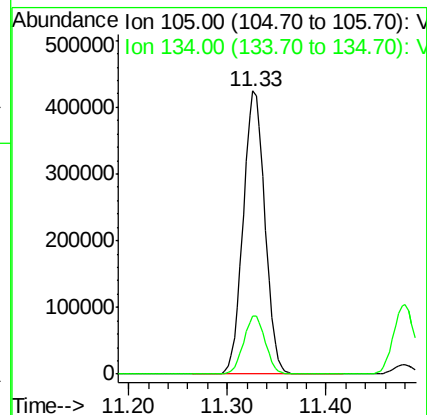
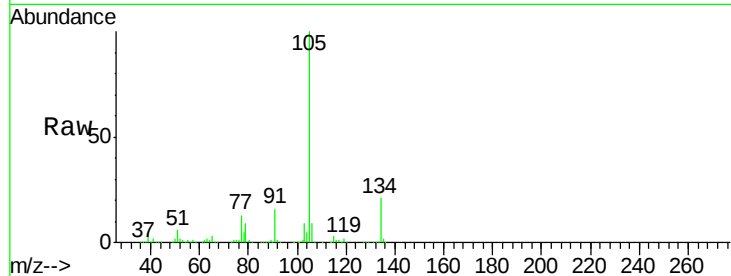
105 100

134 20.5 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 48.74 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

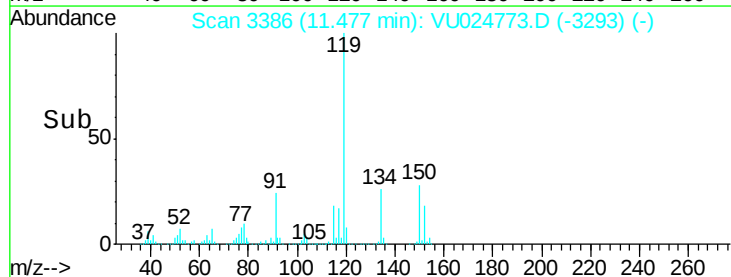
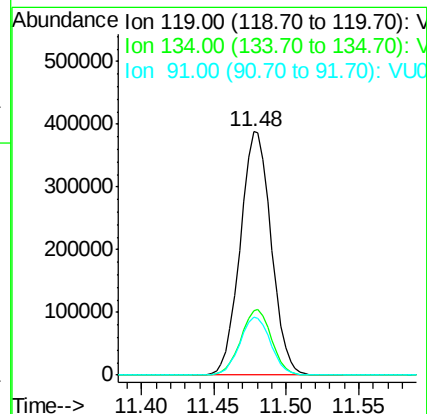
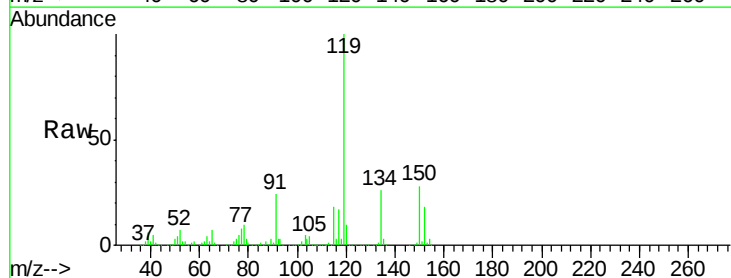
Tgt Ion:119 Resp: 573962

Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.6

91 24.0 12.0 36.1





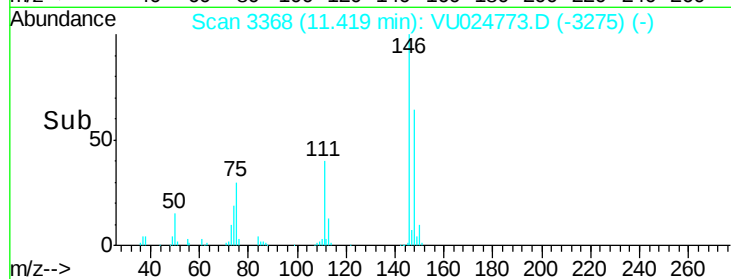
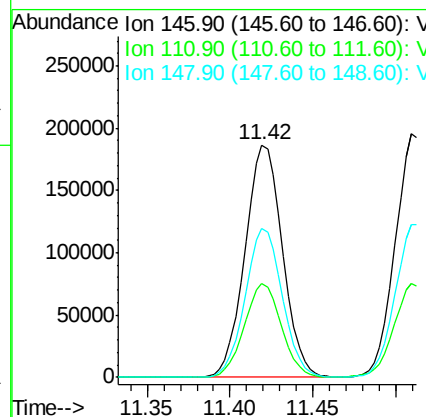
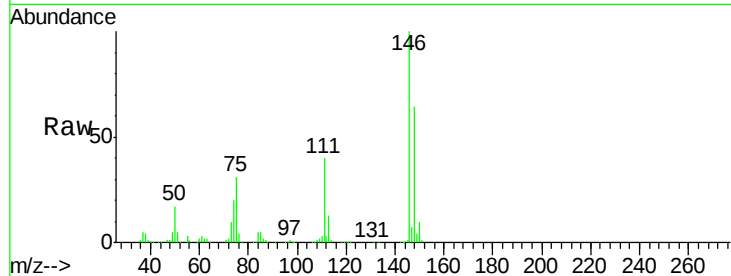
#87
 1,3-Dichlorobenzene
 Concen: 49.64 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	63.7	32.1	96.5

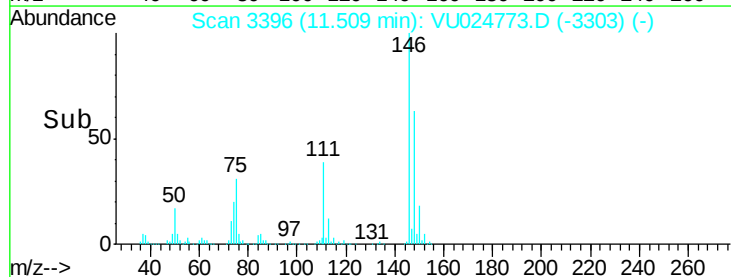
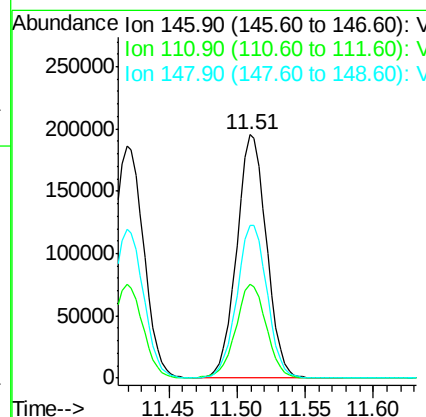
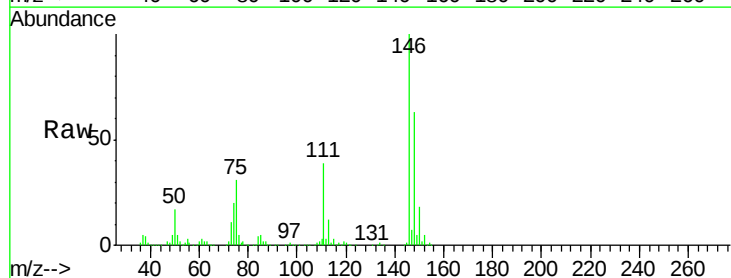
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#88
 1,4-Dichlorobenzene
 Concen: 49.89 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	64.0	32.4	97.0





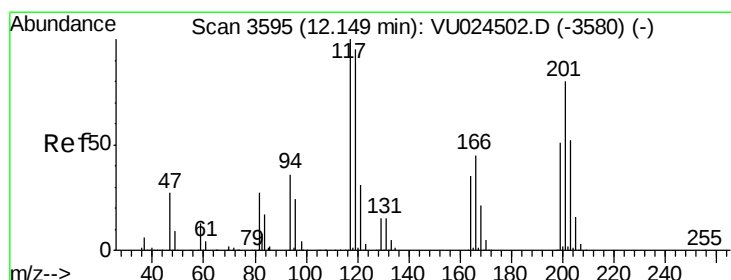
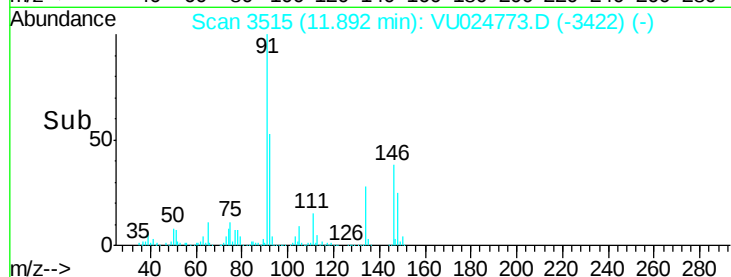
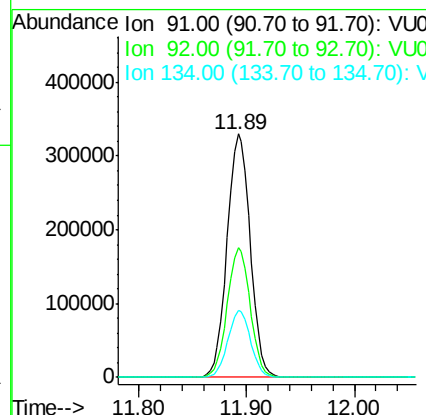
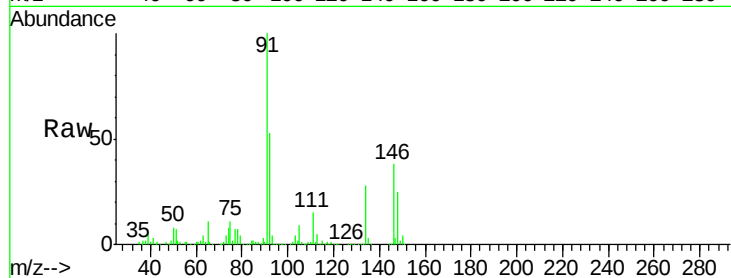
#89
n-Butylbenzene
Concen: 46.93 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	25.6	76.8
134	27.1	12.3	36.8

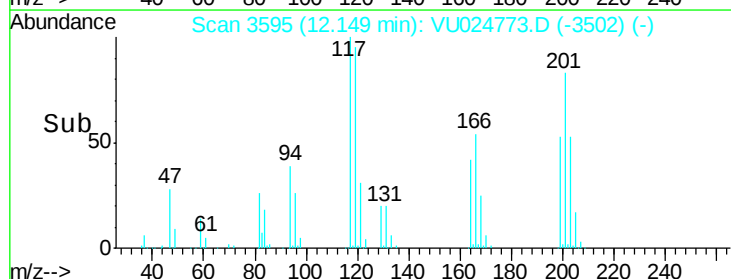
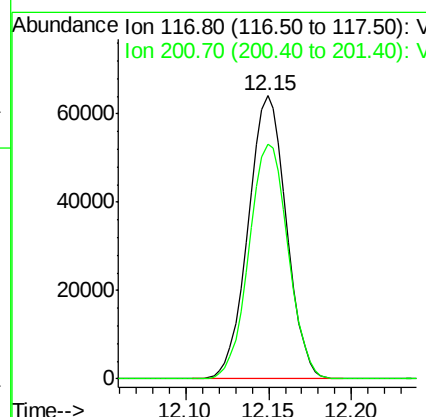
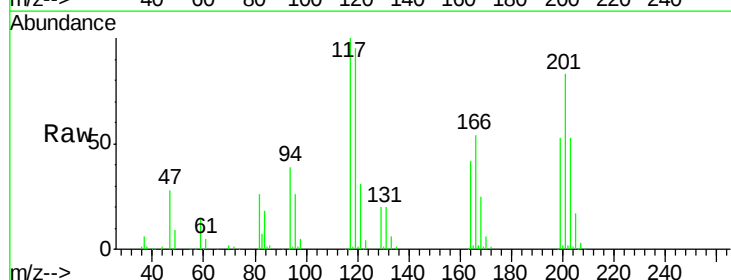
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#90
Hexachloroethane
Concen: 44.75 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024773.D
Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	41.1	123.3





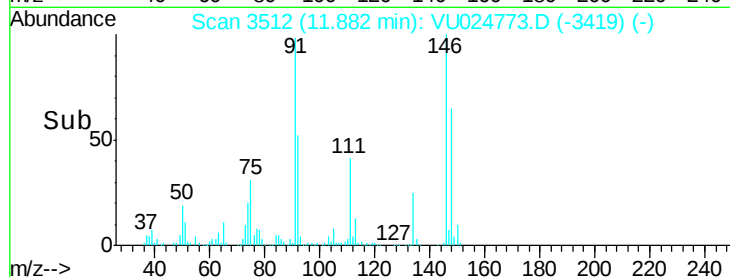
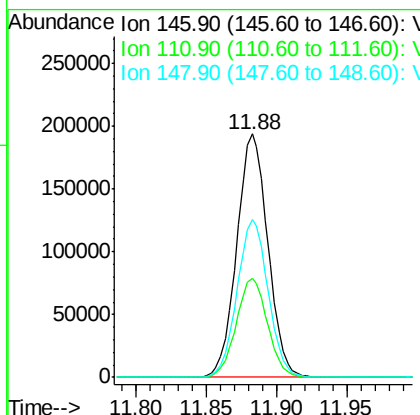
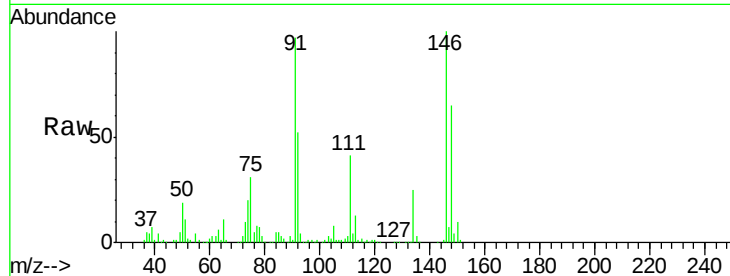
#91
 1,2-Dichlorobenzene
 Concen: 50.70 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.6
148	65.0	31.9	95.7

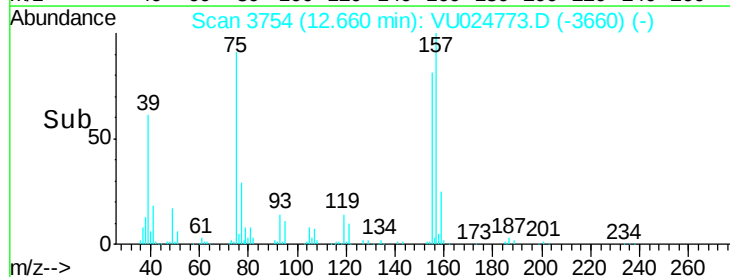
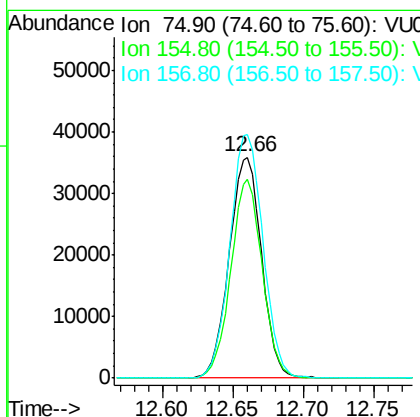
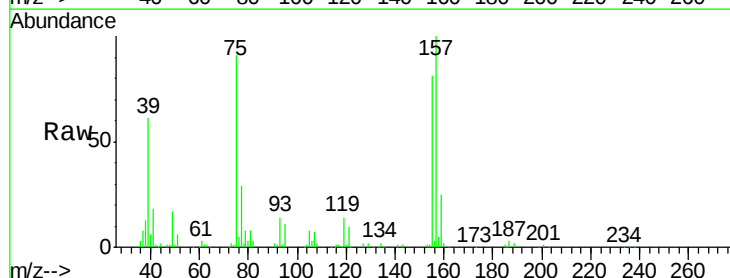
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.55 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.1	40.4	121.2
157	112.3	52.3	156.8





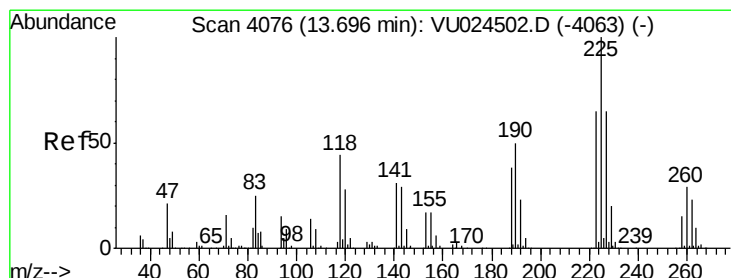
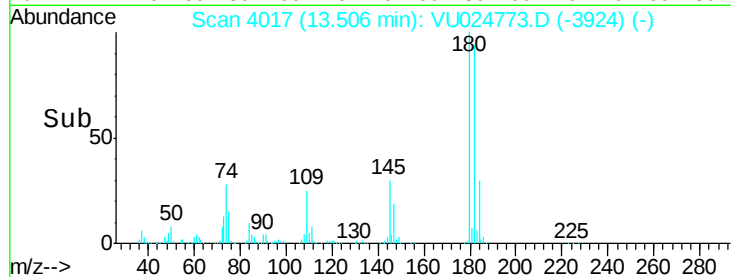
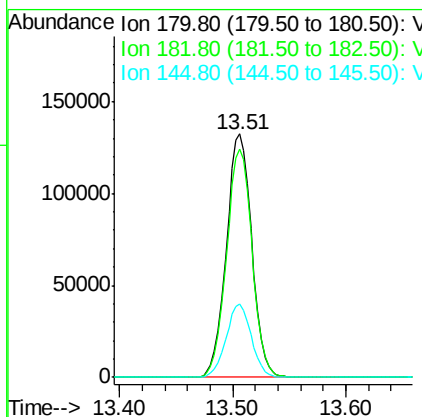
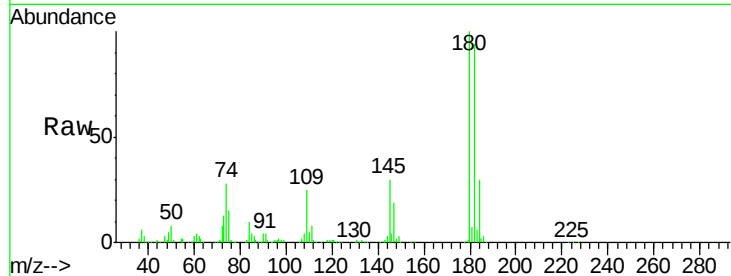
#93
 1,2,4-Trichlorobenzene
 Concen: 56.64 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	206478		
182	94.4	48.0	144.2	
145	29.8	14.7	44.1	

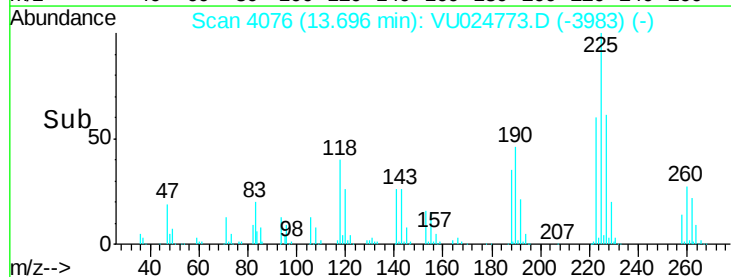
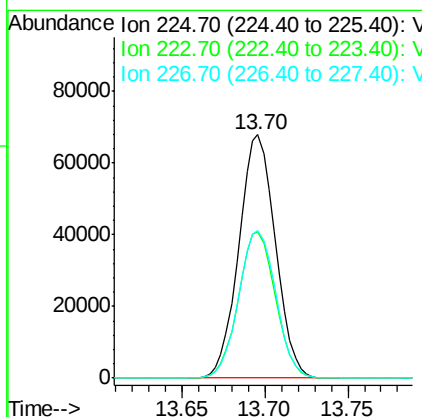
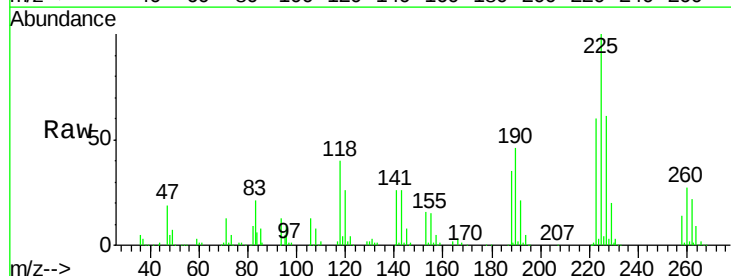
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#94
 Hexachlorobutadiene
 Concen: 50.64 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024773.D
 Acq: 20 Jun 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103897		
223	60.9	31.3	93.8	
227	61.9	31.8	95.4	





#95

Naphthalene

Concen: 56.25 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Instrument :

MSVOA_U

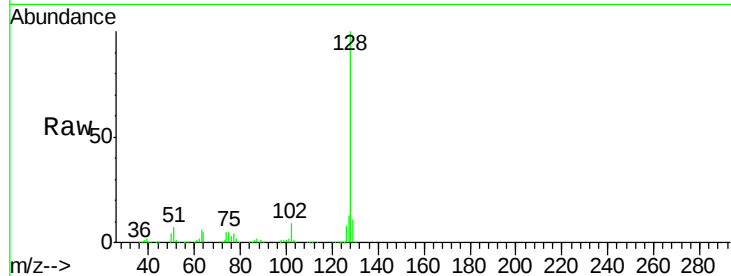
ClientSampleId :

VSTDCCC050EC

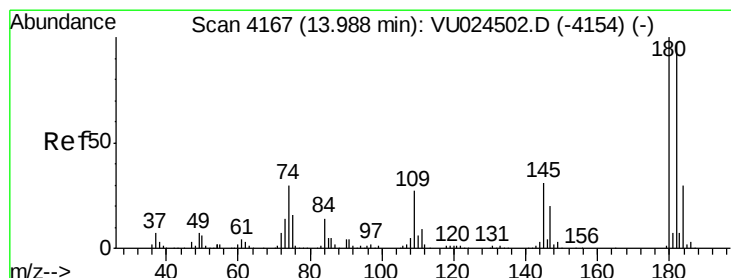
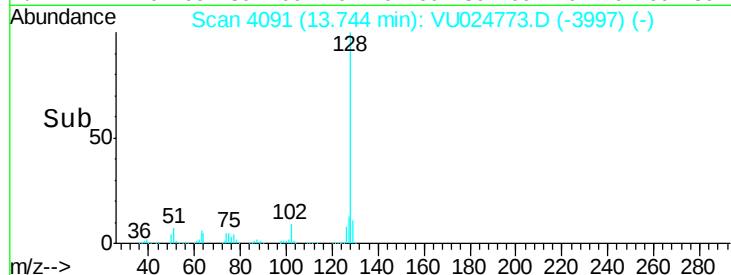
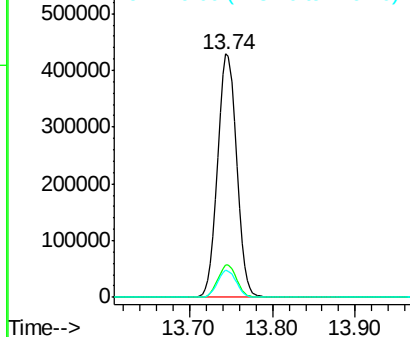
Tot Ion:	128	Resp:	679889
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	11.0	8.6	12.8

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 59.11 ug/l

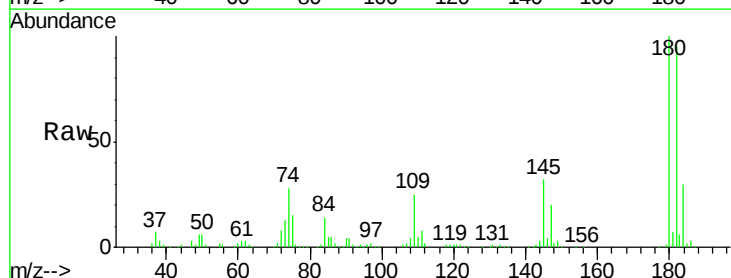
RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024773.D

Acq: 20 Jun 2018 21:35

Tgt Ion:	180	Resp:	214698
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.9	143.7
145	32.2	15.4	46.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

