

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024775.D
 Acq On : 20 Jun 2018 22:47
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 6/21/2018 1:44:55 PM

Quant Time: Jun 21 08:33:39 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	179022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275226	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	270021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	124268	42.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.04%	
35) Dibromofluoromethane	4.89	113	101056	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
50) Toluene-d8	7.57	98	368562	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
62) 4-Bromofluorobenzene	10.31	95	149834	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97544	43.53	ug/l	99
3) Chloromethane	1.33	50	108104	47.22	ug/l	98
4) Vinyl Chloride	1.40	62	111391	47.18	ug/l	99
5) Bromomethane	1.62	94	69274	60.70	ug/l	99
6) Chloroethane	1.69	64	72540	55.09	ug/l	99
7) Trichlorofluoromethane	1.89	101	174501	48.43	ug/l	99
8) Diethyl Ether	2.10	74	65629	53.66	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	98558	44.09	ug/l	97
10) Methyl Iodide	2.41	142	89722	47.70	ug/l	98
11) Tert butyl alcohol	2.82	59	150764	212.11	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92969	45.61	ug/l	93
13) Acrolein	2.19	56	89445	239.63	ug/l	100
14) Allyl chloride	2.59	41	159113	42.04	ug/l	94
15) Acrylonitrile	2.93	53	338062	244.45	ug/l	99
16) Acetone	2.32	43	305332	194.44	ug/l	95
17) Carbon Disulfide	2.48	76	276911	42.42	ug/l	99
18) Methyl Acetate	2.61	43	177532	52.74	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	355205	46.36	ug/l	97
20) Methylene Chloride	2.70	84	113111	45.91	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	102486	45.65	ug/l	94
22) Diisopropyl ether	3.57	45	358194	47.74	ug/l	97
23) Vinyl Acetate	3.53	43	1579399	235.00	ug/l	100
24) 1,1-Dichloroethane	3.45	63	201224	46.62	ug/l	99
25) 2-Butanone	4.26	43	497417	235.83	ug/l	97
26) 2,2-Dichloropropane	4.23	77	157949	38.54	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	120909	46.84	ug/l	98
28) Bromochloromethane	4.55	49	83172	43.75	ug/l	85
29) Tetrahydrofuran	4.64	42	315894	241.84	ug/l	97
30) Chloroform	4.68	83	208454	47.72	ug/l	98
31) Cyclohexane	5.00	56	185340	48.29	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	186626	46.20	ug/l	96
36) 1,1-Dichloropropene	5.14	75	148630	45.96	ug/l	97
37) Ethyl Acetate	4.38	43	184450	52.33	ug/l	97
38) Carbon Tetrachloride	5.14	117	169817	47.75	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	186385	46.18	ug/l	96
40) Benzene	5.39	78	451383	48.98	ug/l	98
41) Methacrylonitrile	4.54	41	99694	52.46	ug/l	98
42) 1,2-Dichloroethane	5.41	62	172229	49.07	ug/l	100
43) Isopropyl Acetate	5.55	43	294597	48.35	ug/l	99
44) Trichloroethene	6.19	130	124117	47.32	ug/l	94
45) 1,2-Dichloropropane	6.44	63	123911	50.39	ug/l	97
46) Dibromomethane	6.56	93	85650	49.59	ug/l	94
47) Bromodichloromethane	6.76	83	167031	48.57	ug/l #	98
48) Methyl methacrylate	6.62	41	148291	49.98	ug/l	99
49) 1,4-Dioxane	6.61	88	64237	1107.11	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	977947	255.47	ug/l	99
52) Toluene	7.64	92	295886	49.91	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	186357	48.25	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	191846	46.61	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	121649	50.48	ug/l	99
56) Ethyl methacrylate	8.02	69	203792	50.52	ug/l	98
57) 1,3-Dichloropropane	8.25	76	208501	51.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	412722	267.07	ug/l	96
59) 2-Hexanone	8.36	43	780794	249.84	ug/l	100
60) Dibromochloromethane	8.48	129	143461	47.74	ug/l	99
61) 1,2-Dibromoethane	8.59	107	135628	50.56	ug/l	99
64) Tetrachloroethene	8.23	164	117365	45.73	ug/l	99
65) Chlorobenzene	9.12	112	339060	49.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	127350	48.59	ug/l	97
67) Ethyl Benzene	9.25	91	582343	48.16	ug/l	97
68) m/p-Xylenes	9.38	106	457436	98.51	ug/l	96
69) o-Xylene	9.78	106	227643	49.53	ug/l	96
70) Styrene	9.80	104	372294	49.30	ug/l	99
71) Bromoform	9.96	173	116275	46.68	ug/l #	99
73) Isopropylbenzene	10.17	105	611874	48.52	ug/l	99
74) N-amyl acetate	10.01	43	288618	48.12	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	210911	49.91	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	180506m	49.92	ug/l	
77) Bromobenzene	10.45	156	158371	49.61	ug/l	94
78) n-propylbenzene	10.59	91	699432	47.09	ug/l	97
79) 2-Chlorotoluene	10.66	91	418767	47.81	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	533008	48.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	65173m	41.71	ug/l	
82) 4-Chlorotoluene	10.78	91	486709	47.74	ug/l	98
83) tert-Butylbenzene	11.10	119	532741	50.67	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	546321	49.05	ug/l	100
85) sec-Butylbenzene	11.33	105	645604	49.06	ug/l	98
86) p-Isopropyltoluene	11.48	119	569612	48.33	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	289959	49.16	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	293579	49.45	ug/l	99
89) n-Butylbenzene	11.89	91	483488	46.20	ug/l	98
90) Hexachloroethane	12.15	117	104096	45.27	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	302612	51.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	56589	48.53	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	199514	54.69	ug/l	99
94) Hexachlorobutadiene	13.70	225	100938	49.16	ug/l	99
95) Naphthalene	13.74	128	672415	55.60	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	209503	57.63	ug/l	100

(#) = 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: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 179022

Ion Ratio Lower Upper

168 100

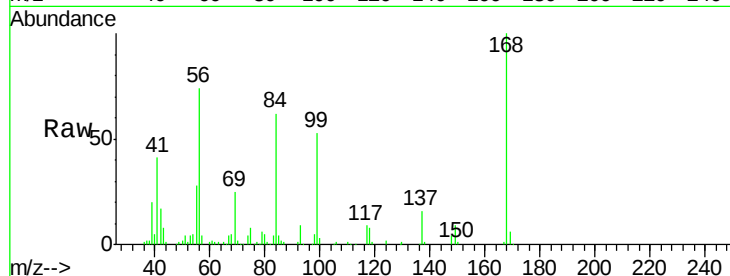
99 52.7 43.2 64.8

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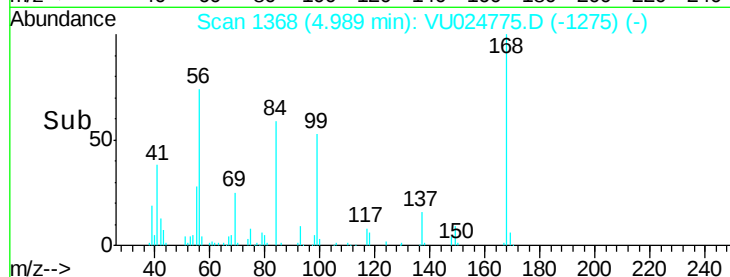
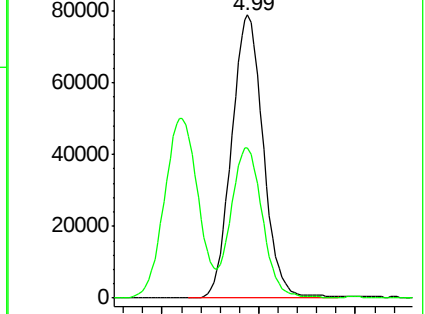
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 43.53 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024775.D

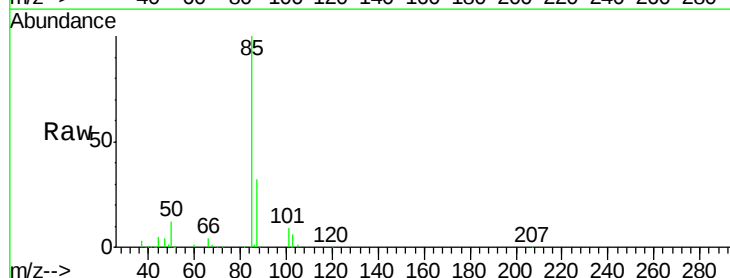
Acq: 20 Jun 2018 22:47

Tgt Ion: 85 Resp: 97544

Ion Ratio Lower Upper

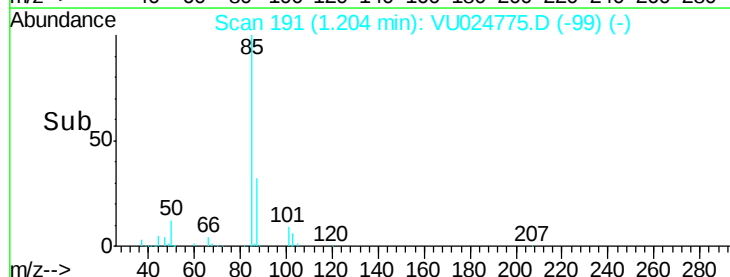
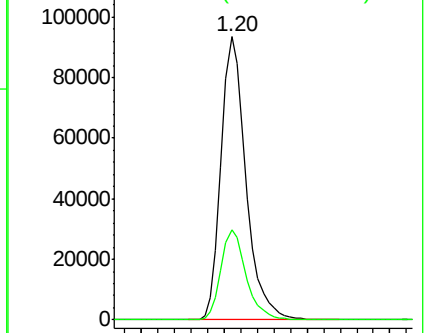
85 100

87 31.7 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: 47.22 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 108104

Ion Ratio Lower Upper

50 100

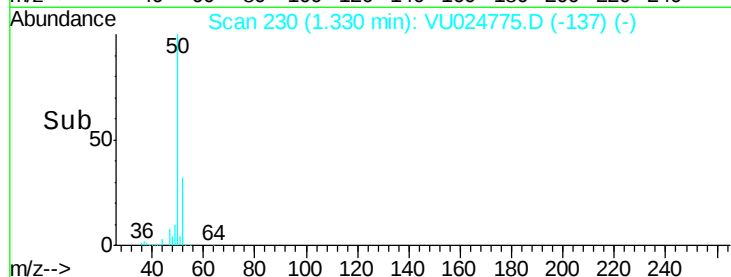
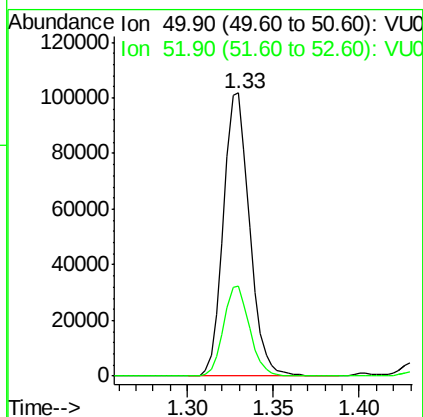
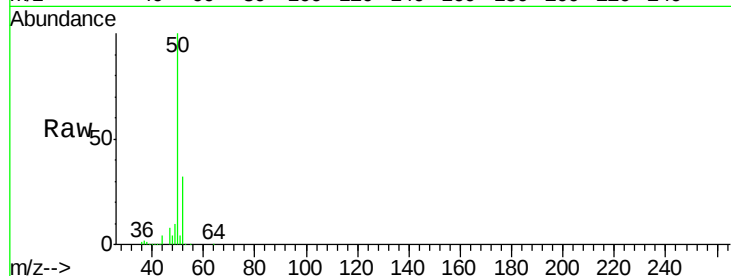
52 32.0 26.4 39.6

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#4

Vinyl Chloride

Concen: 47.18 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024775.D

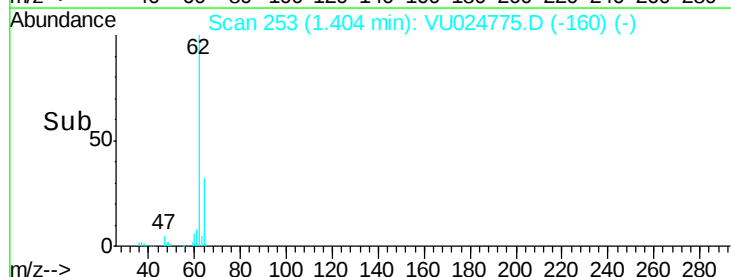
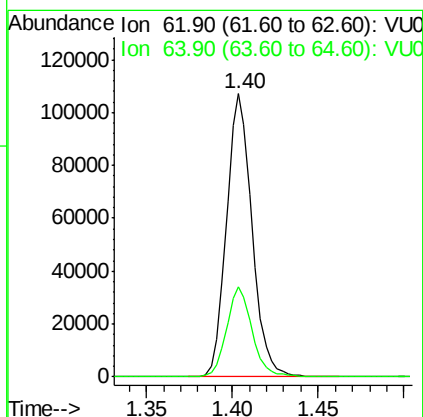
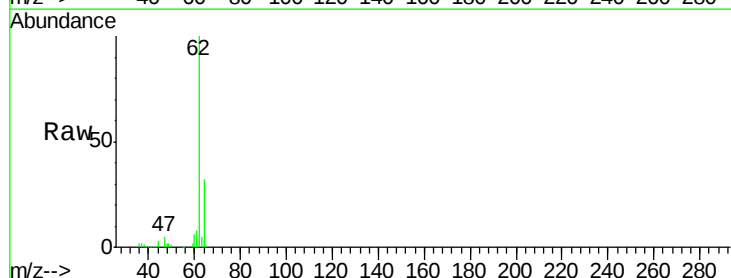
Acq: 20 Jun 2018 22:47

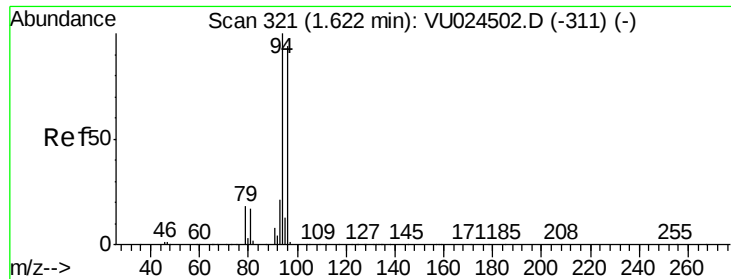
Tgt Ion: 62 Resp: 111391

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 60.70 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 69274

Ion Ratio Lower Upper

94 100

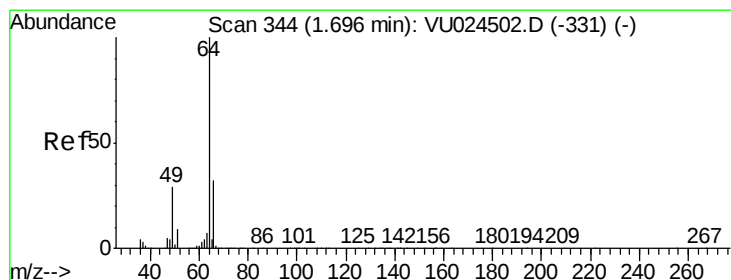
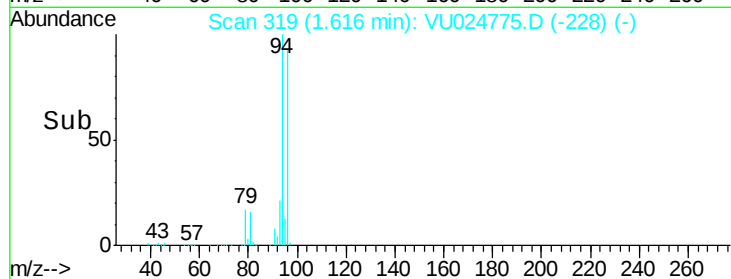
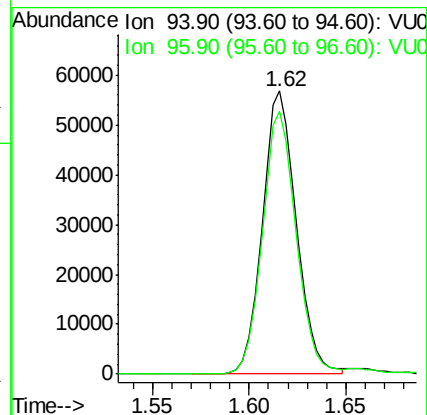
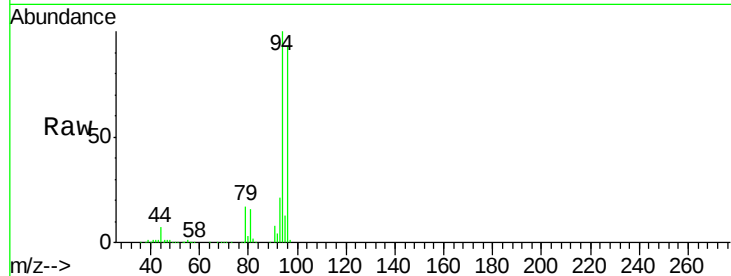
96 92.6 74.5 111.7

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#6

Chloroethane

Concen: 55.09 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024775.D

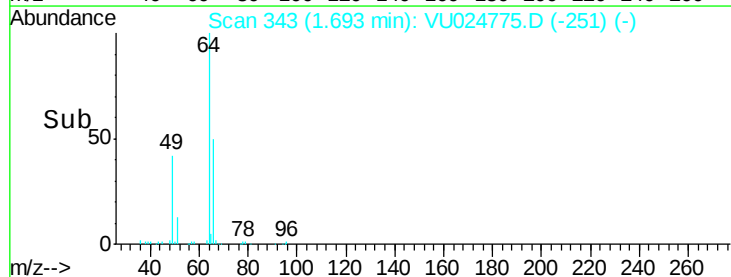
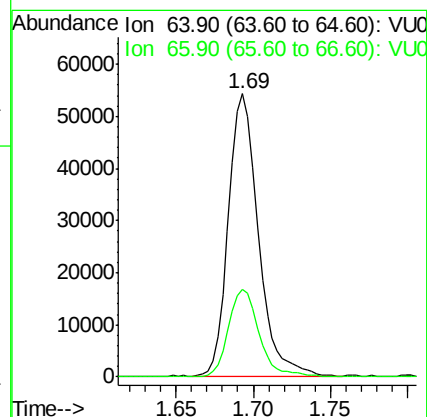
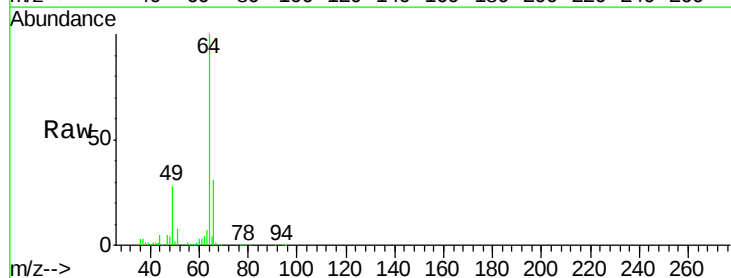
Acq: 20 Jun 2018 22:47

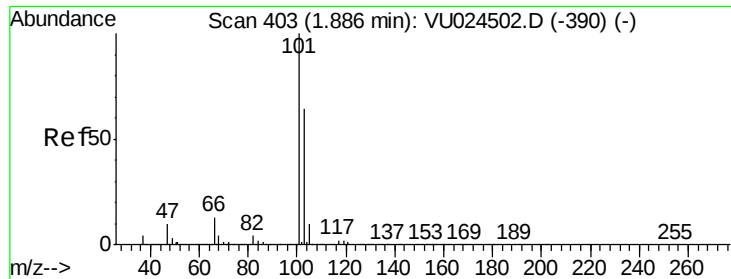
Tgt Ion: 64 Resp: 72540

Ion Ratio Lower Upper

64 100

66 31.1 25.5 38.3





#7

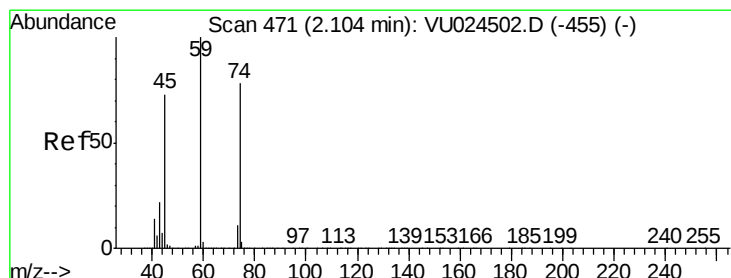
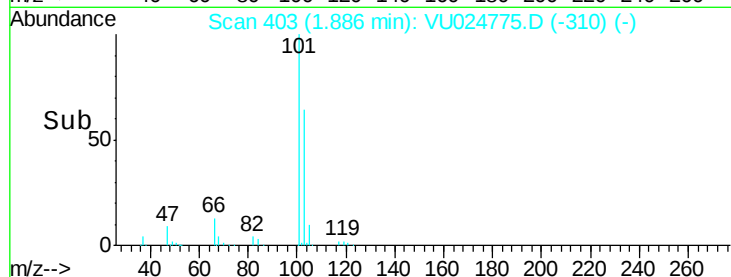
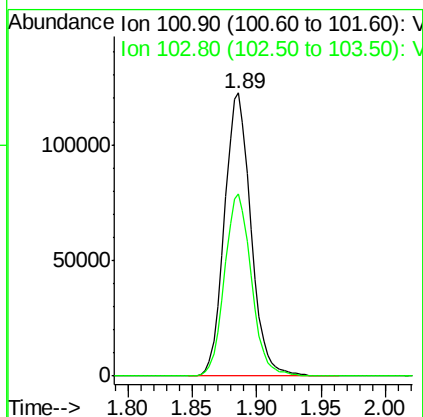
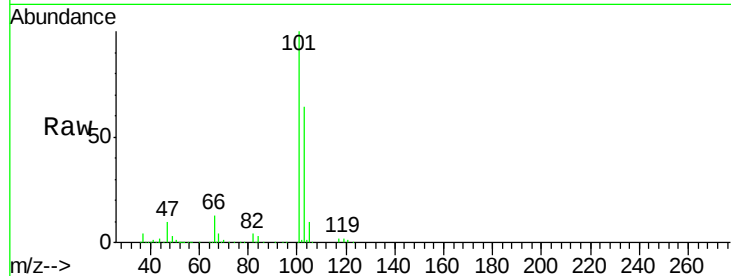
Trichlorofluoromethane
 Concen: 48.43 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.3	78.5

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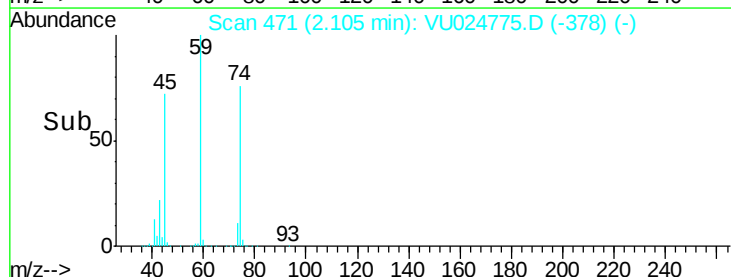
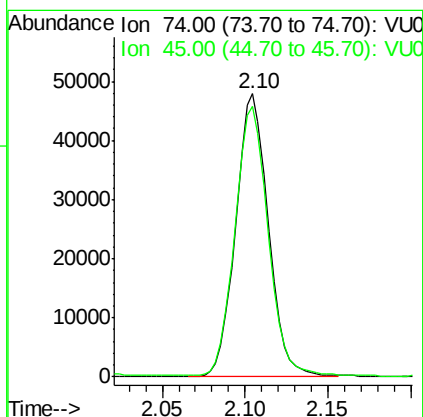
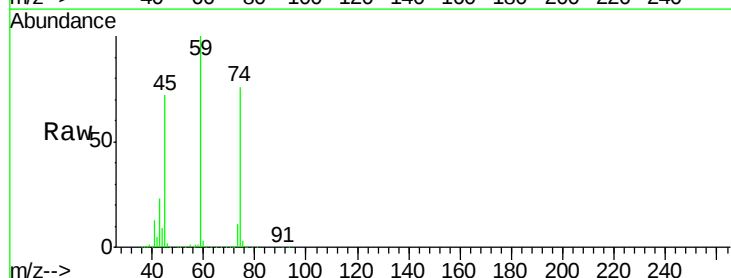
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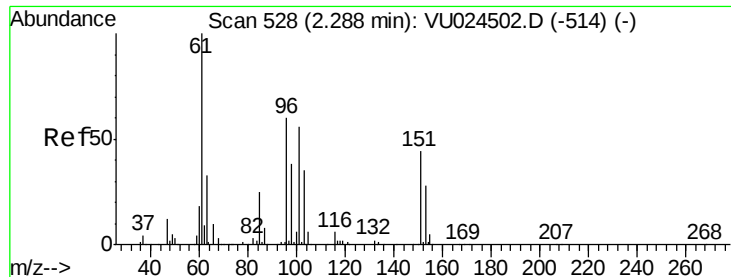


#8

Diethyl Ether
 Concen: 53.66 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.09 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

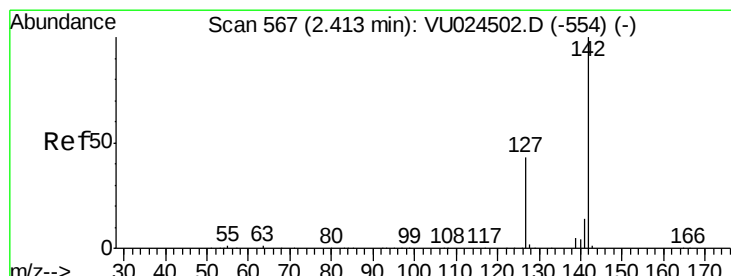
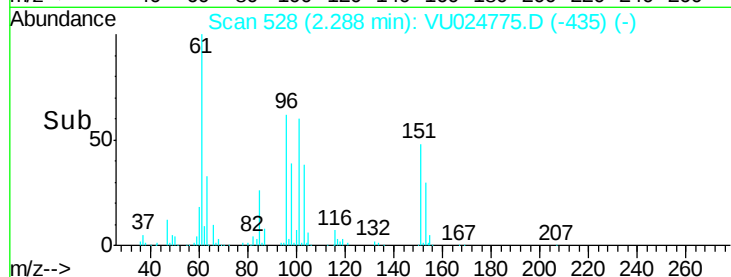
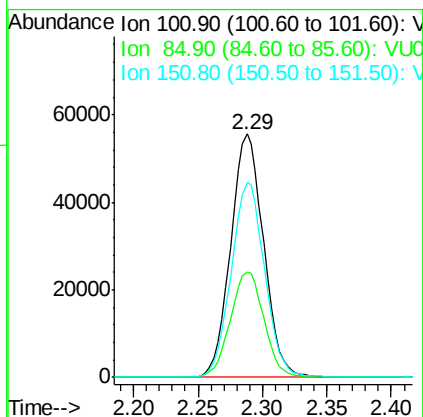
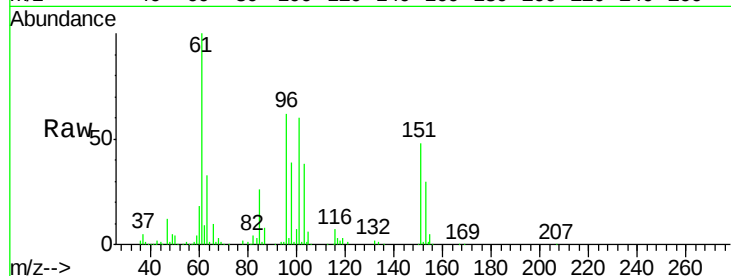
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	98558
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.0	54.0
151	81.6	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 47.70 ug/l

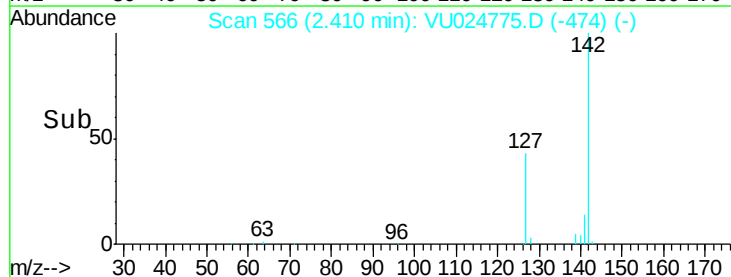
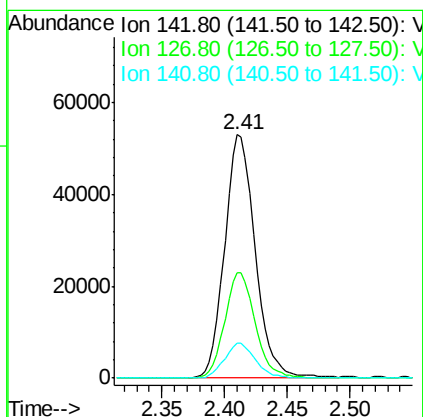
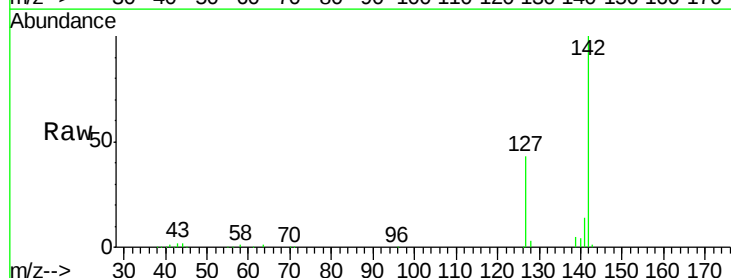
RT: 2.41 min Scan# 566

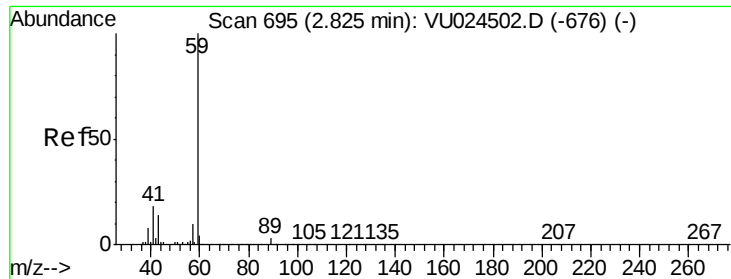
Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Tgt Ion:	142	Resp:	89722
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.6	53.4
141	14.4	11.7	17.5





#11

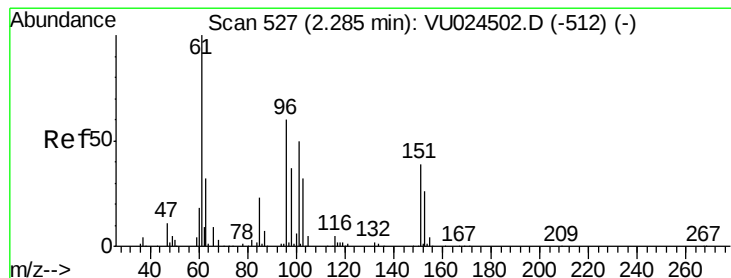
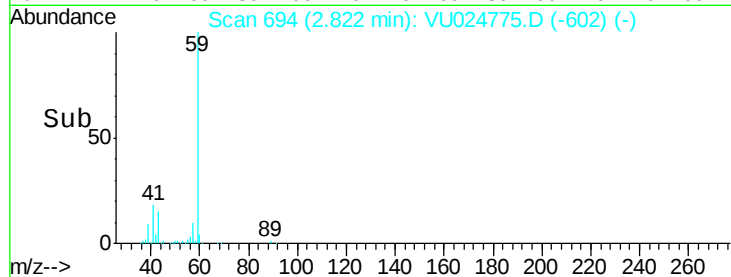
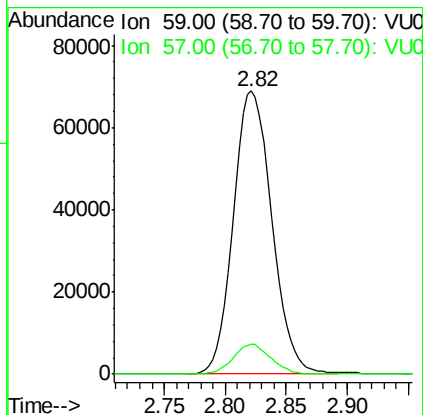
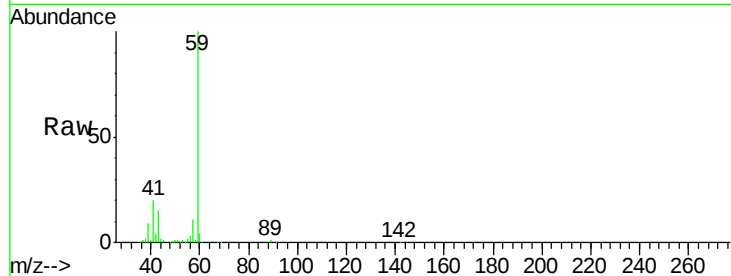
Tert butyl alcohol
 Concen: 212.11 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

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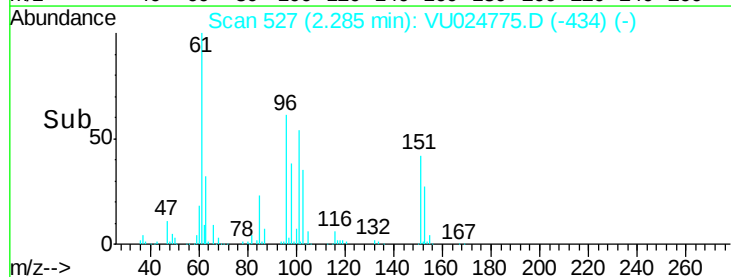
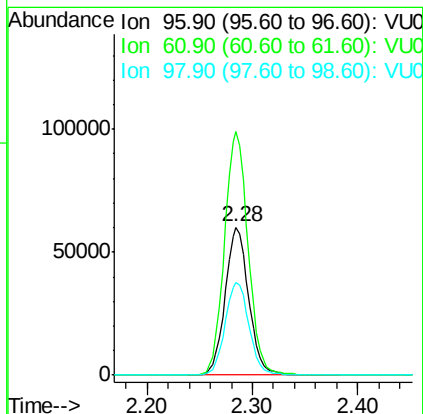
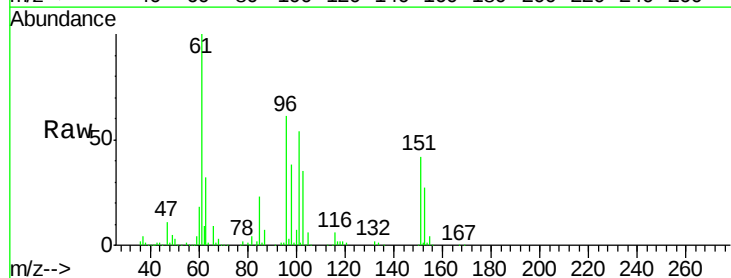
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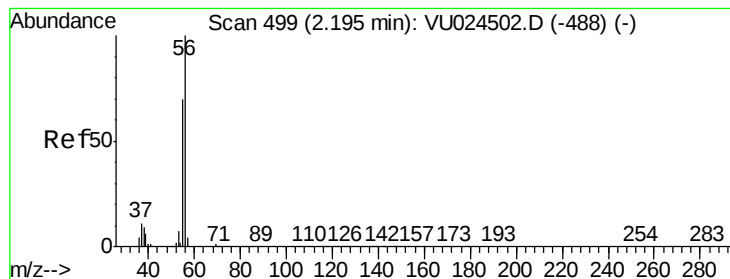


#12

1,1-Dichloroethene
 Concen: 45.61 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.4	141.7	212.5
98	62.6	51.6	77.4





#13

Acrolein

Concen: 239.63 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 89445

Ion Ratio Lower Upper

56 100

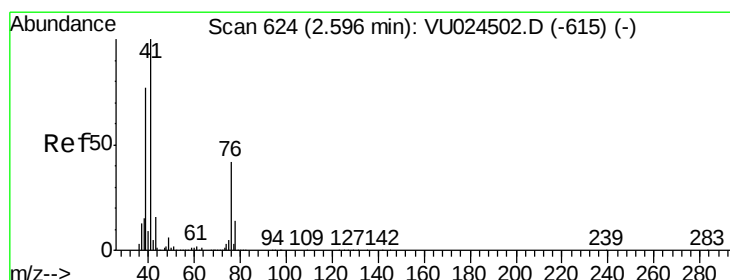
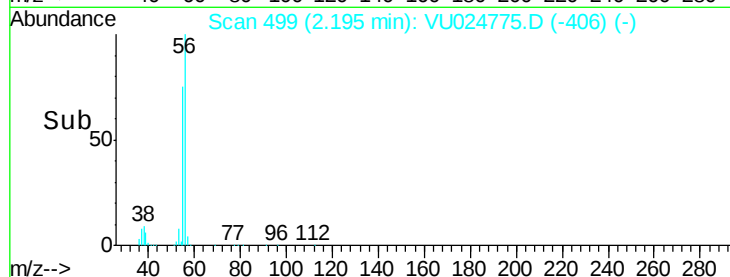
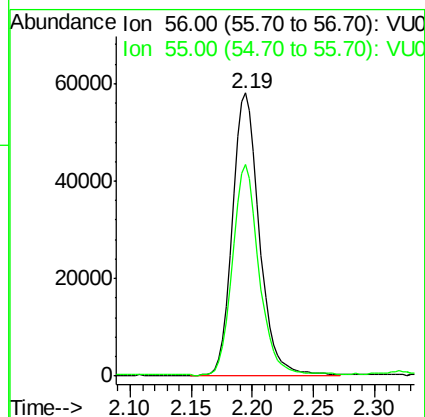
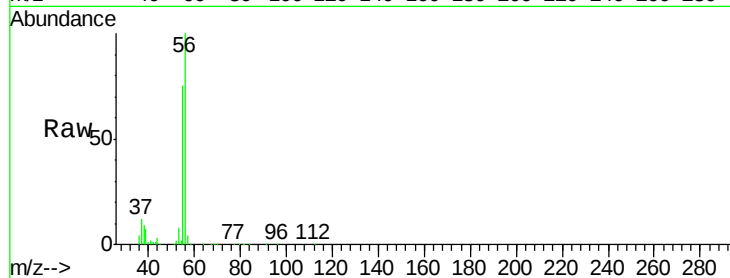
55 72.8 58.4 87.6

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#14

Allyl chloride

Concen: 42.04 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

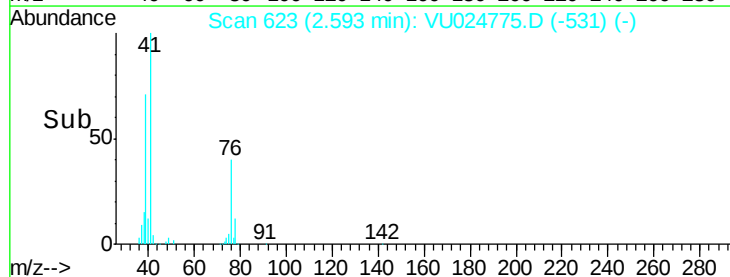
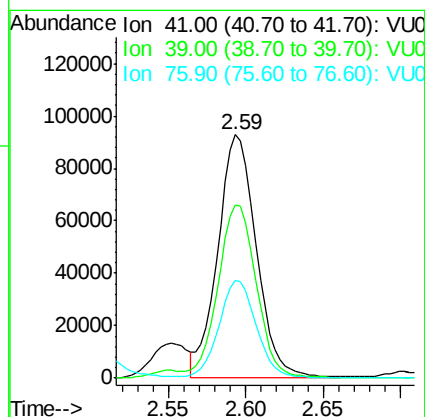
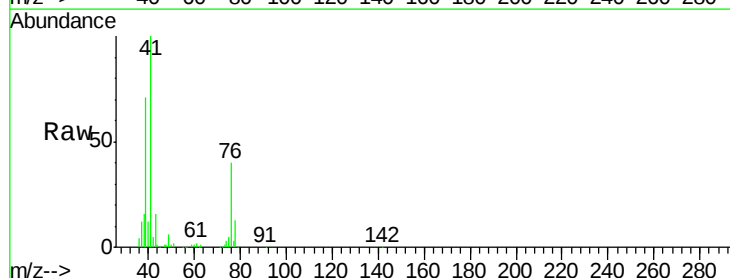
Tgt Ion: 41 Resp: 159113

Ion Ratio Lower Upper

41 100

39 71.2 61.6 92.4

76 39.2 29.7 44.5





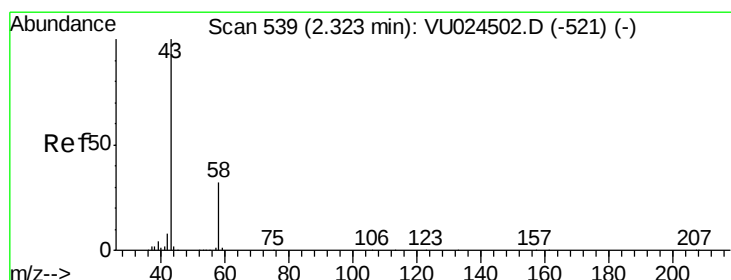
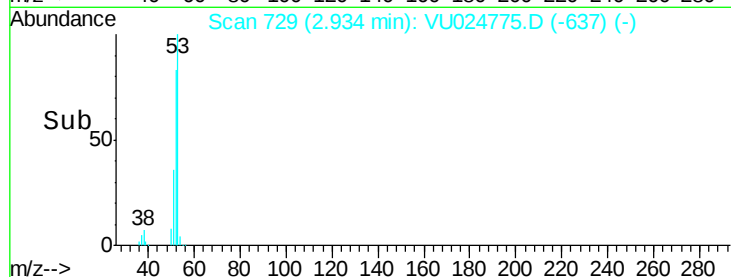
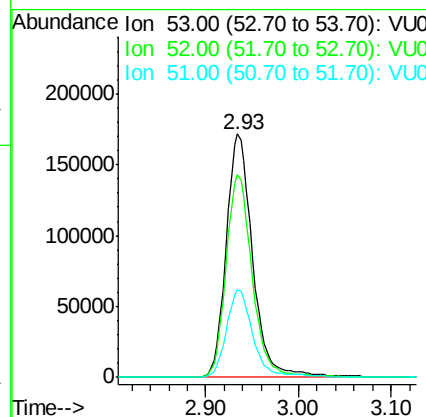
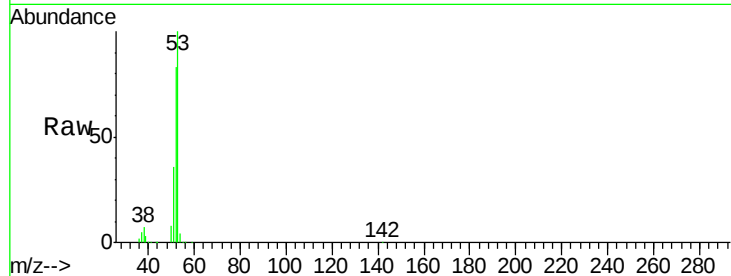
#15
 Acrylonitrile
 Concen: 244.45 ug/l
 RT: 2.93 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	338062
Ion Ratio	Lower	Upper	
53	100		
52	83.1	67.1	100.7
51	36.5	28.4	42.6

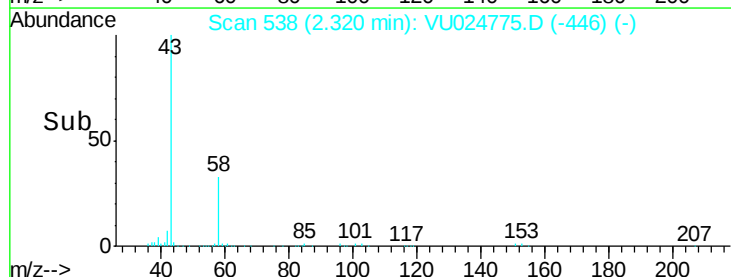
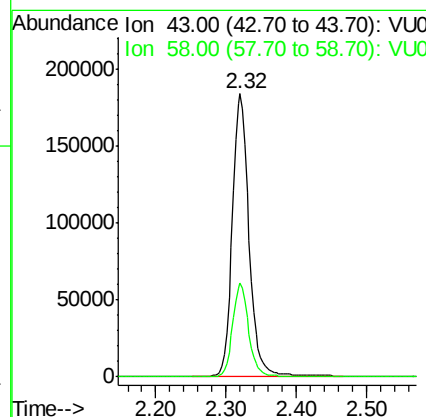
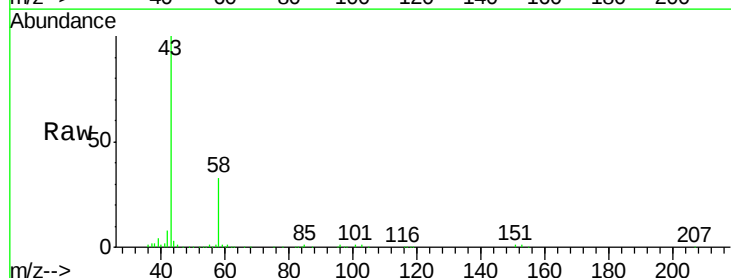
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#16
 Acetone
 Concen: 194.44 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion:	43	Resp:	305332
Ion Ratio	Lower	Upper	
43	100		
58	33.0	24.4	36.6





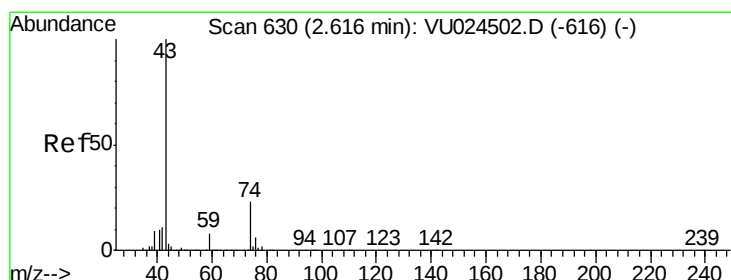
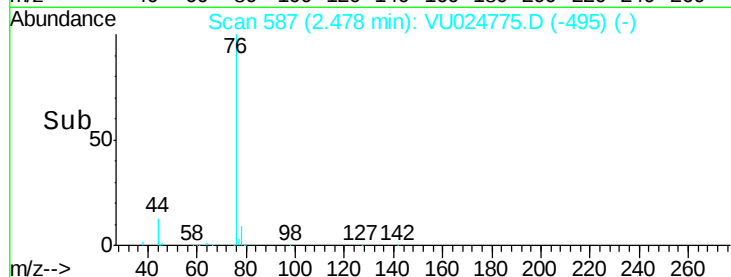
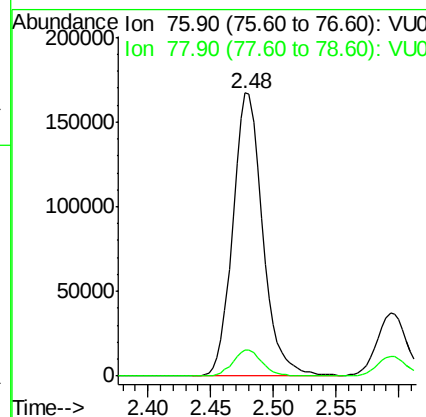
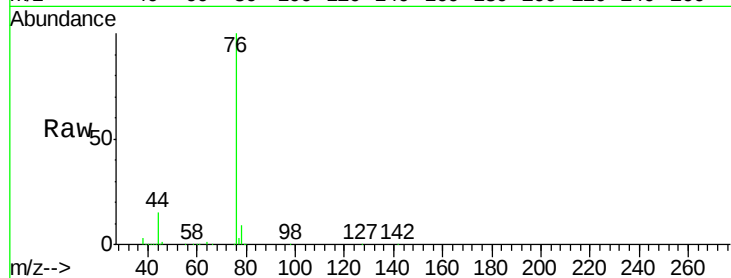
#17
Carbon Disulfide
Concen: 42.42 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

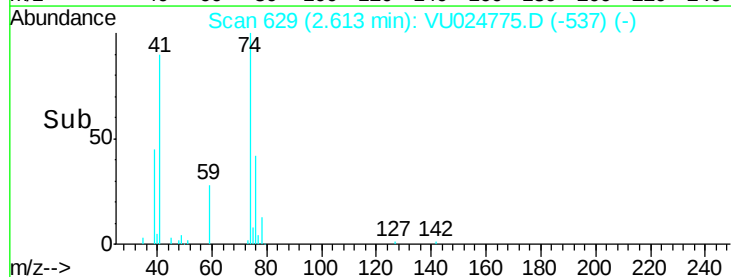
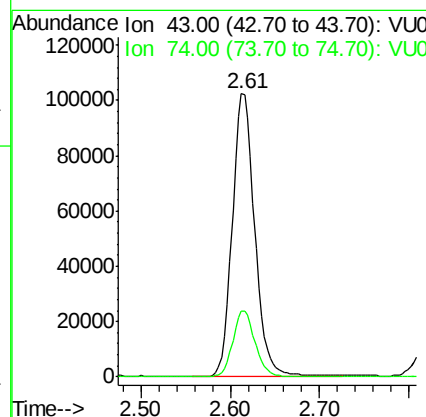
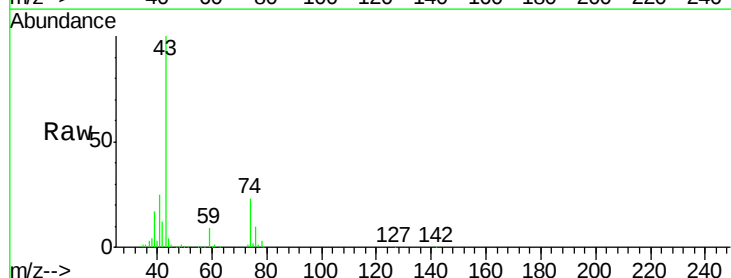
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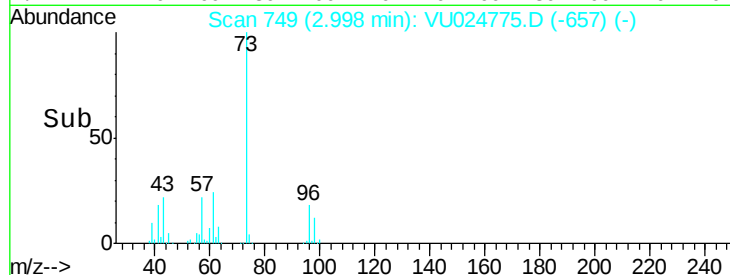
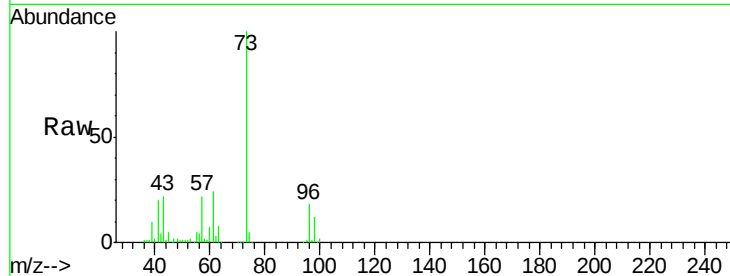
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#18
Methyl Acetate
Concen: 52.74 ug/l
RT: 2.61 min Scan# 629
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.0	27.0





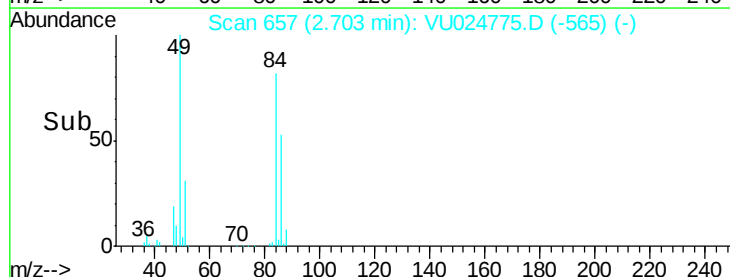
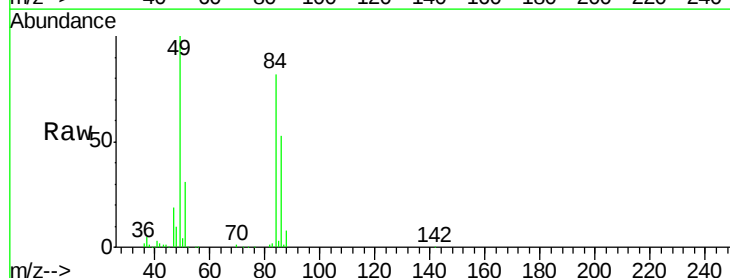
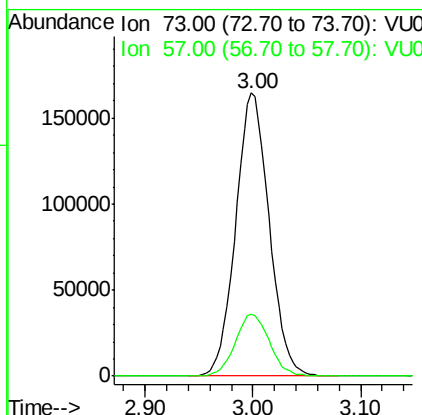
#19
Methyl tert-butyl Ether
Concen: 46.36 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.8	28.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

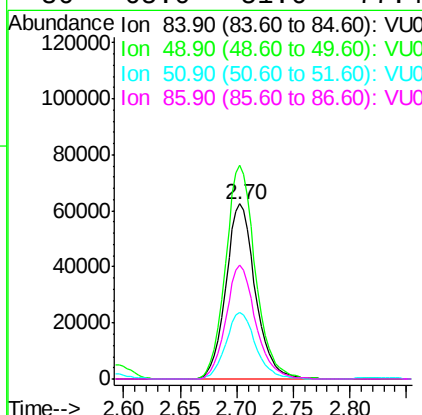
Manual Integrations
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#20
Methylene Chloride
Concen: 45.91 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	103.8	155.8
51	38.1	32.0	48.0
86	65.0	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 45.65 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

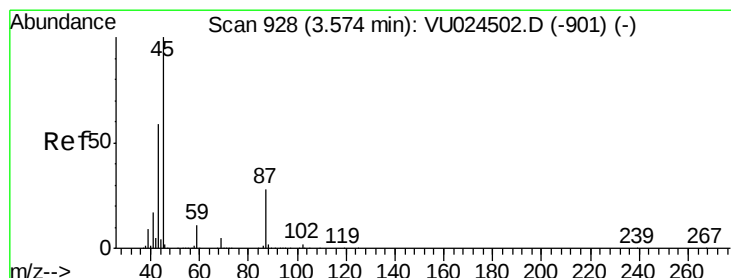
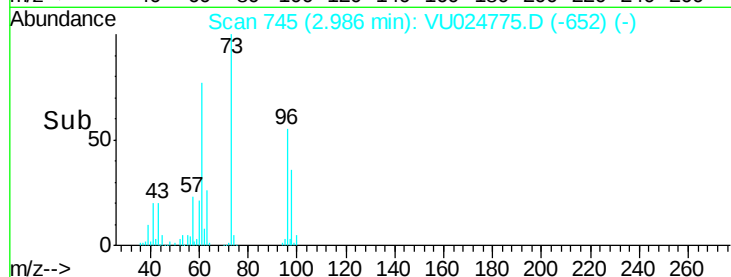
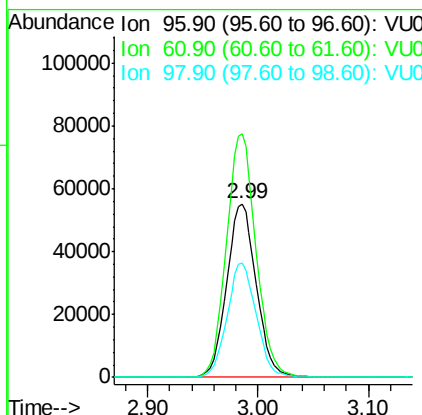
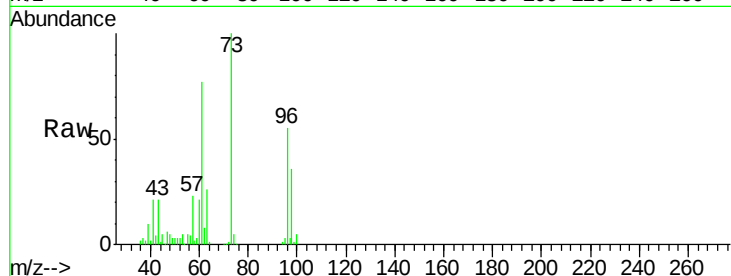
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	102486
Ion	Ratio	Lower	Upper
96	100		
61	140.1	119.4	179.0
98	65.6	51.1	76.7

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#22

Diisopropyl ether

Concen: 47.74 ug/l

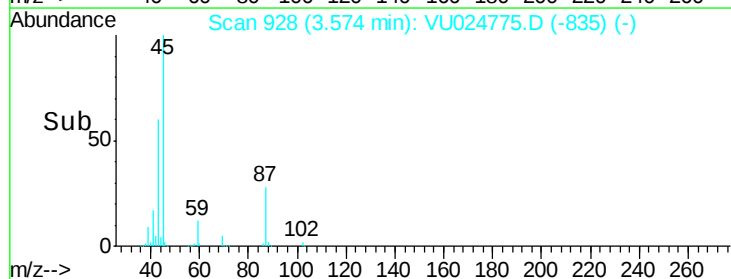
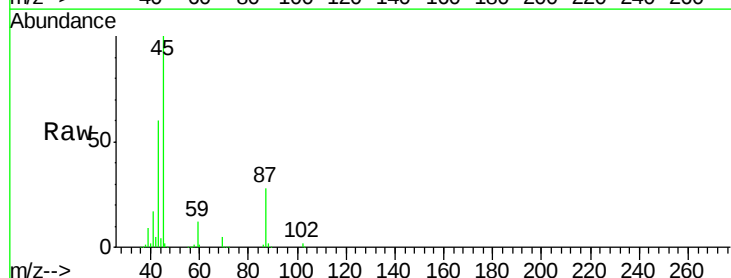
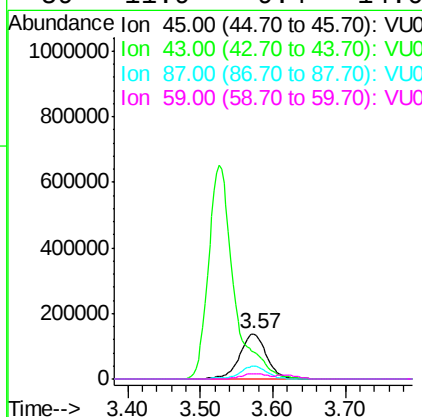
RT: 3.57 min Scan# 928

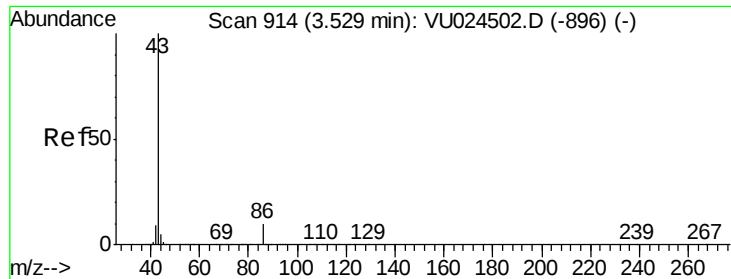
Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Tgt Ion:	45	Resp:	358194
Ion	Ratio	Lower	Upper
45	100		
43	58.9	45.8	68.6
87	28.1	20.6	31.0
59	11.9	9.4	14.0





#23

Vinyl Acetate

Concen: 235.00 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1579399

Ion Ratio Lower Upper

43 100

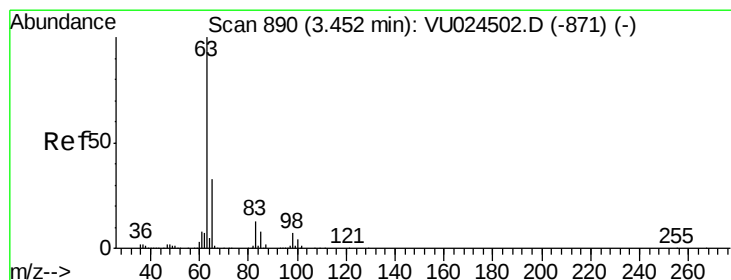
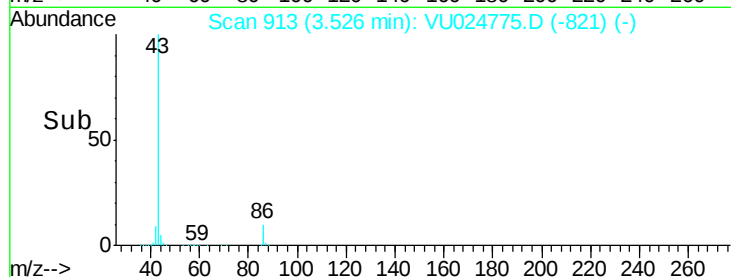
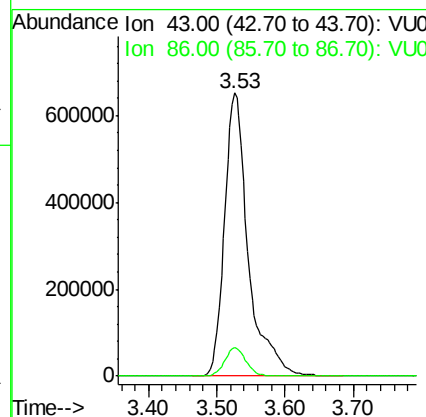
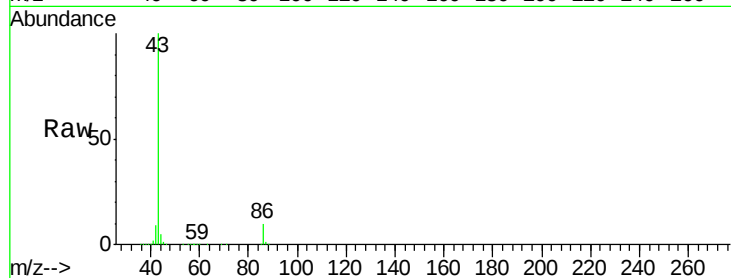
86 9.9 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 46.62 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

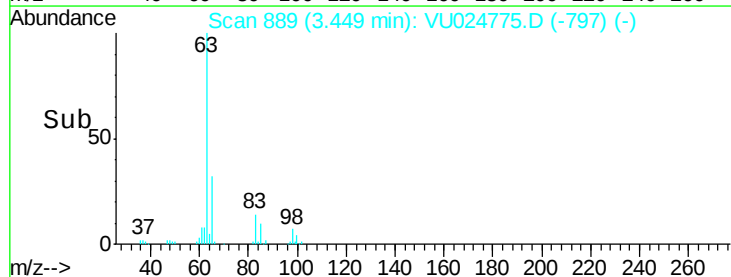
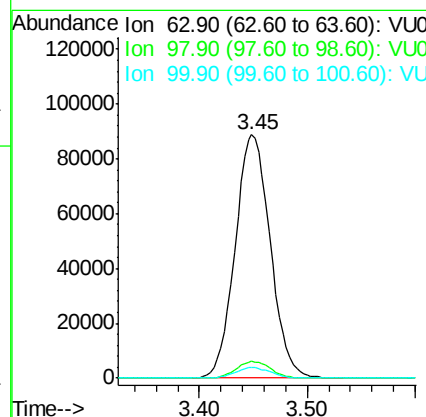
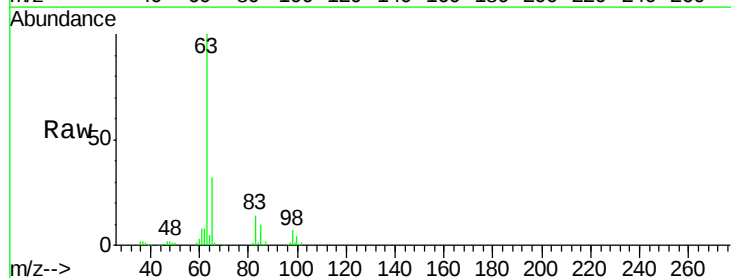
Tgt Ion: 63 Resp: 201224

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.3 1.8 5.5





#25

2-Butanone

Concen: 235.83 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 497417

Ion Ratio Lower Upper

43 100

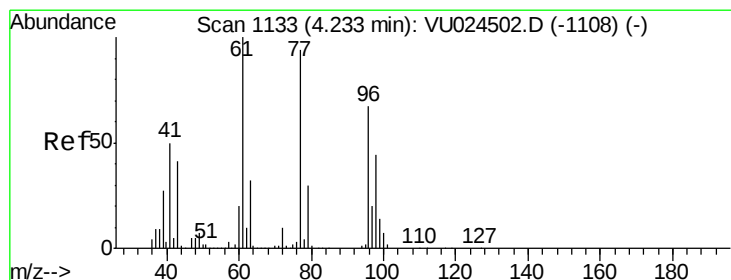
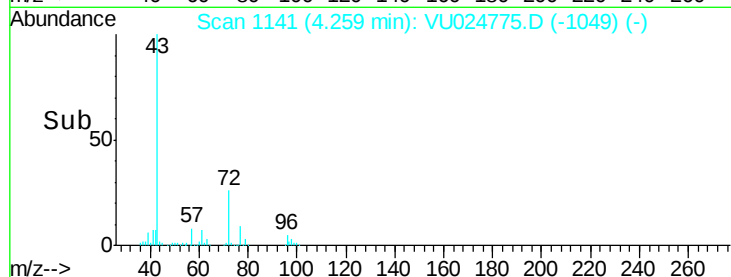
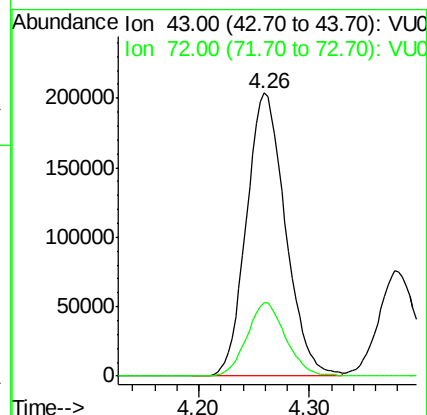
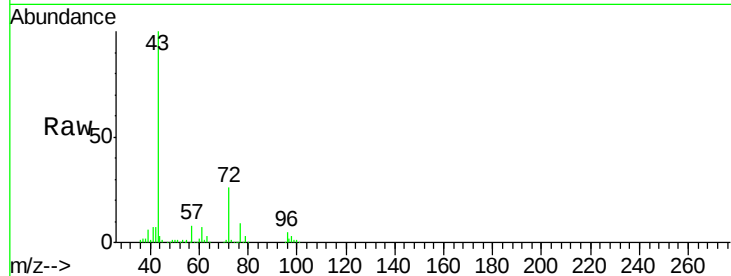
72 25.8 19.6 29.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 38.54 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024775.D

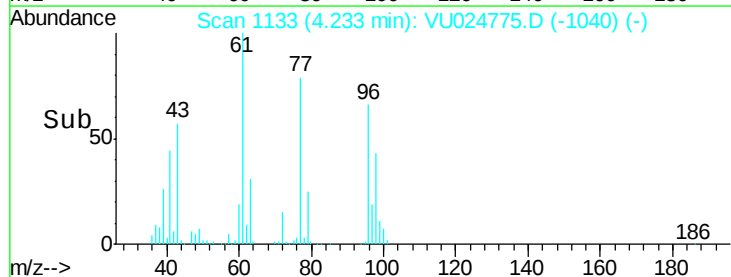
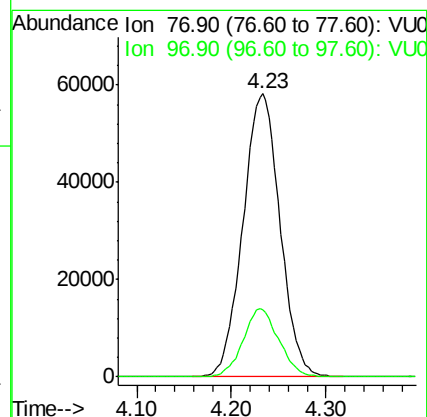
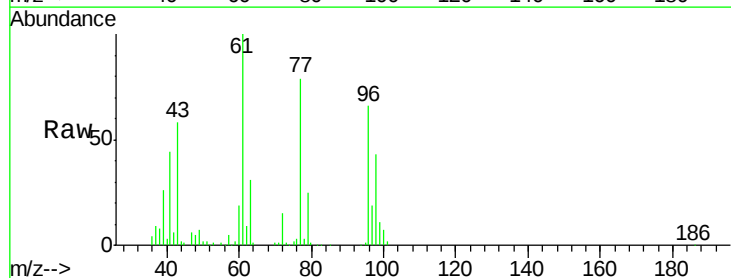
Acq: 20 Jun 2018 22:47

Tgt Ion: 77 Resp: 157949

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 46.84 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

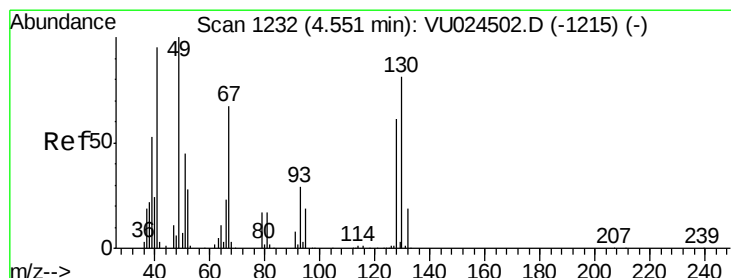
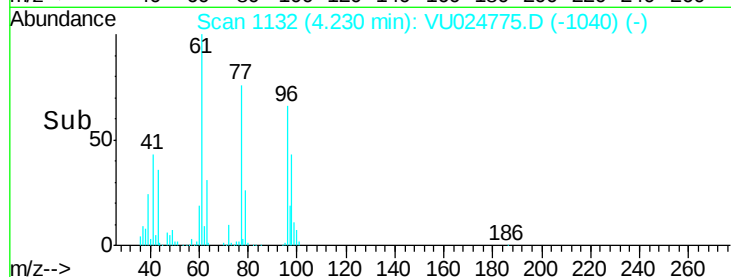
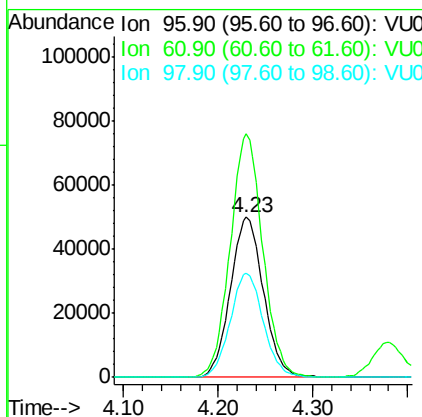
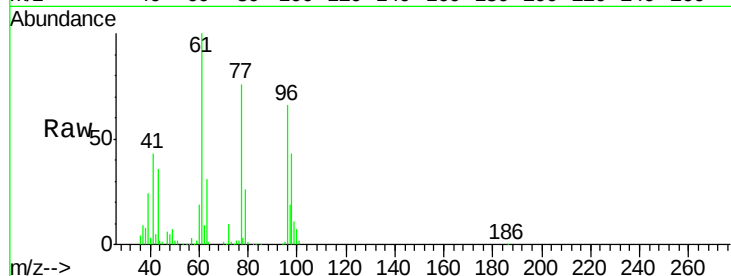
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	150.2	0.0	306.6		
98	65.3	0.0	128.8		

Manual Integrations
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#28

Bromochloromethane

Concen: 43.75 ug/l

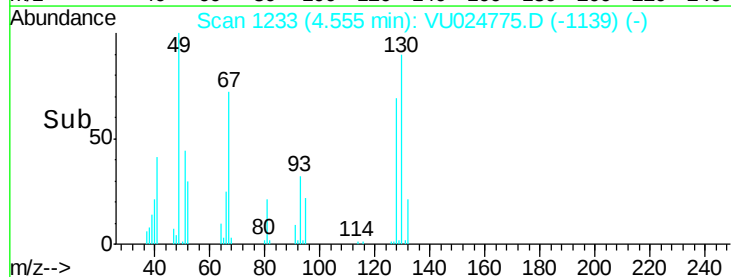
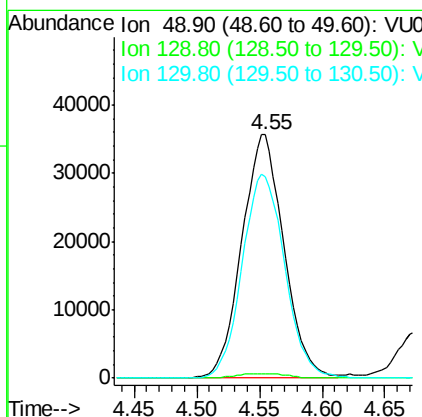
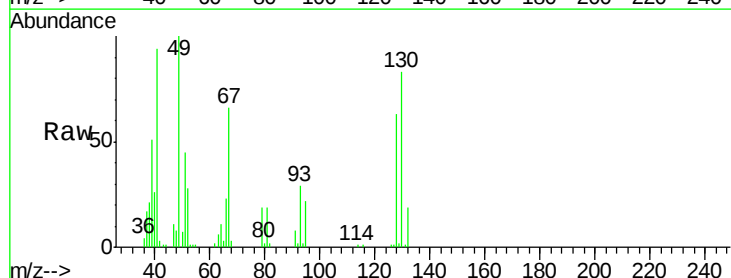
RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	2.2	0.0	3.8		
130	84.7	57.8	86.6		





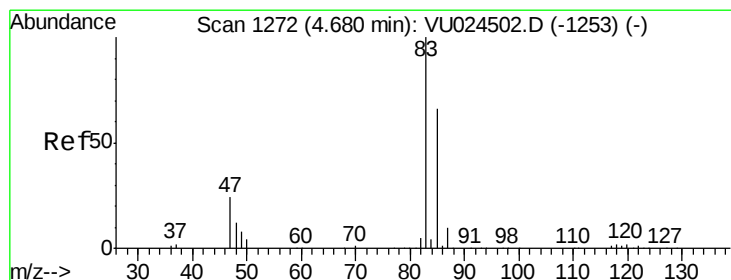
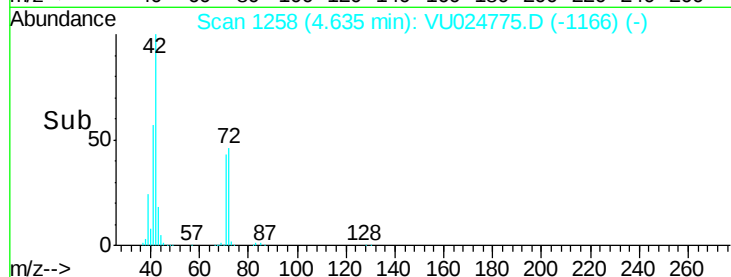
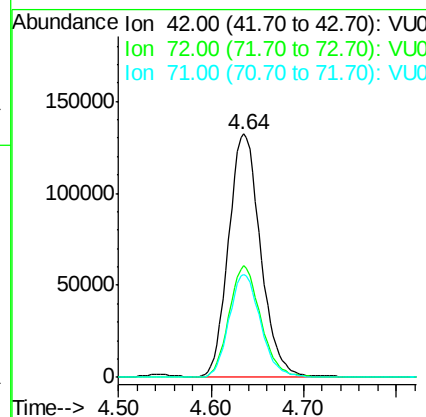
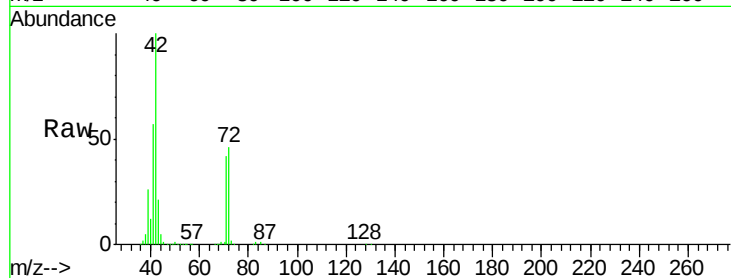
#29
Tetrahydrofuran
Concen: 241.84 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	315894
Ion Ratio	Lower	Upper	
42	100		
72	45.5	34.5	51.7
71	41.6	32.2	48.4

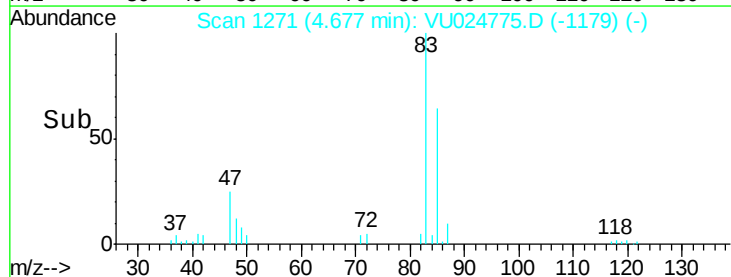
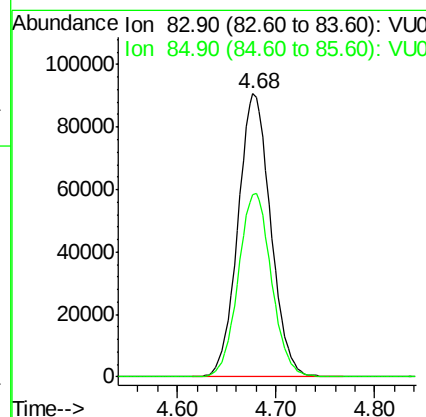
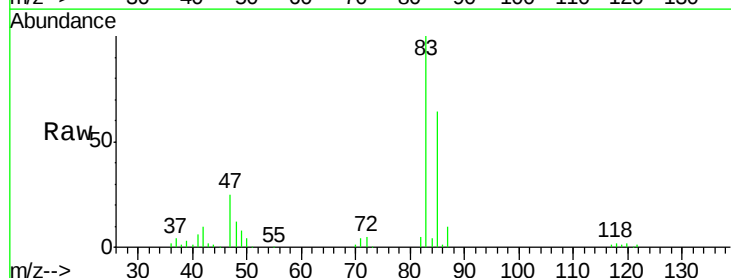
Manual Integrations
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#30
Chloroform
Concen: 47.72 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion:	83	Resp:	208454
Ion Ratio	Lower	Upper	
83	100		
85	64.2	52.4	78.6





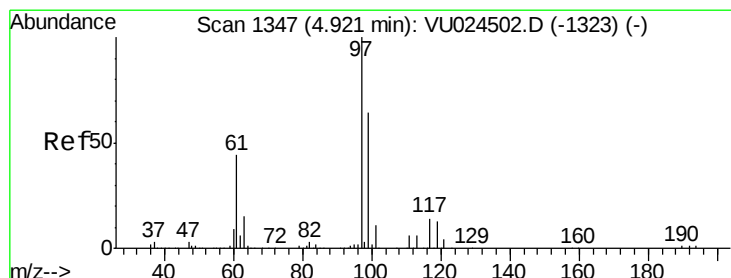
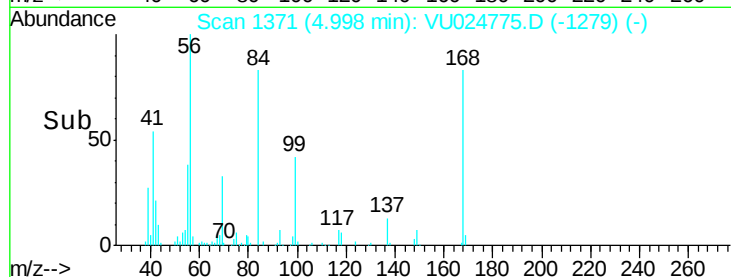
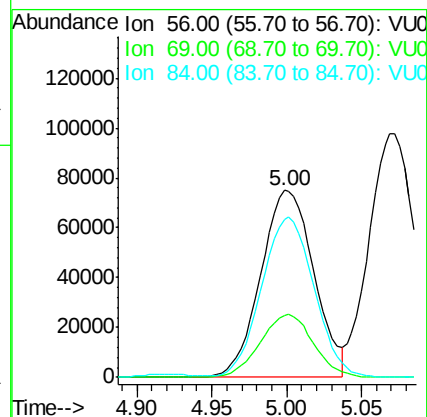
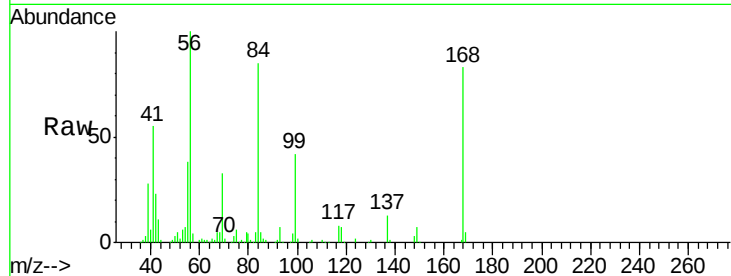
#31
Cyclohexane
Concen: 48.29 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	24.8	37.2
84	83.7	65.2	97.8

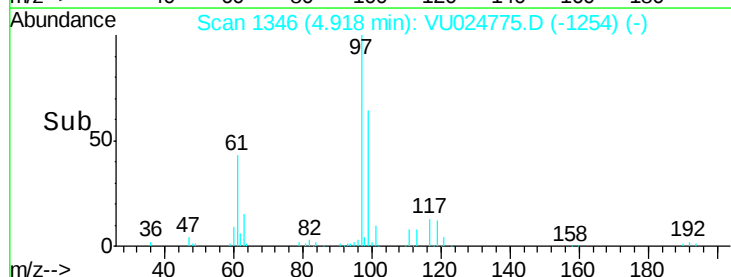
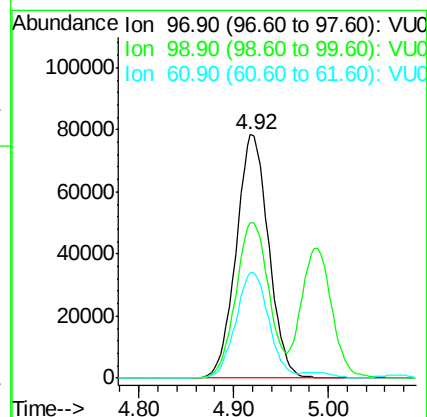
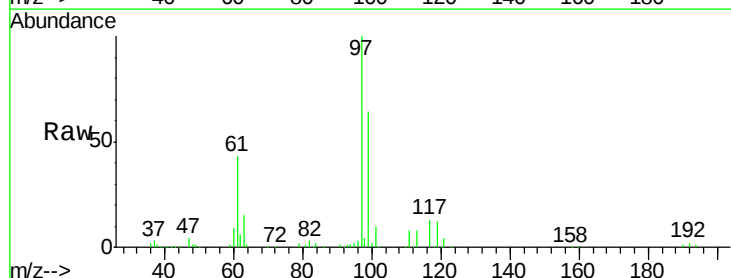
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 46.20 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.0	76.6
61	44.1	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 42.52 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 124268

Ion Ratio Lower Upper

65 100

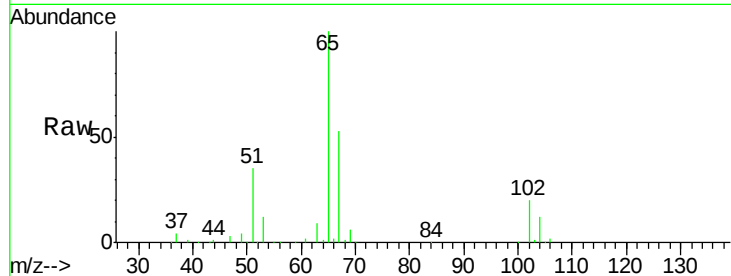
67 51.9 0.0 107.0

Manual Integrations

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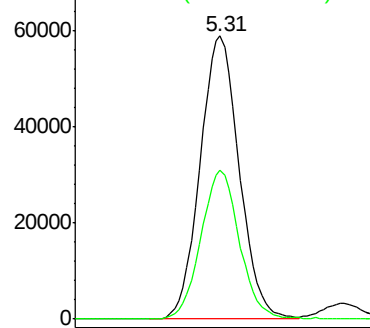
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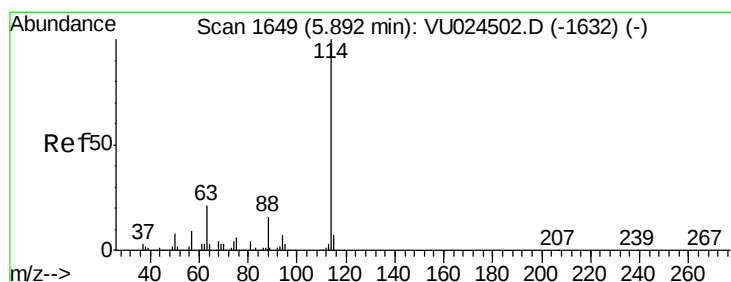
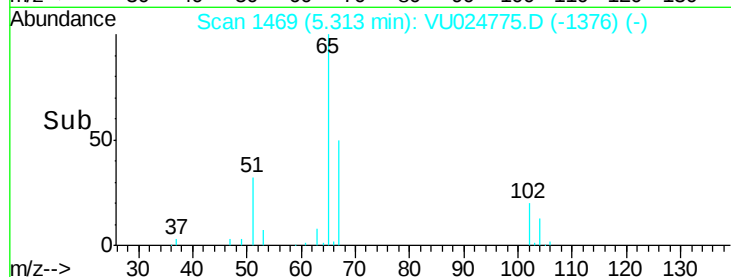


Abundance Ion 64.90 (64.60 to 65.60): VU024502.D

Ion 66.90 (66.60 to 67.60): VU024502.D



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

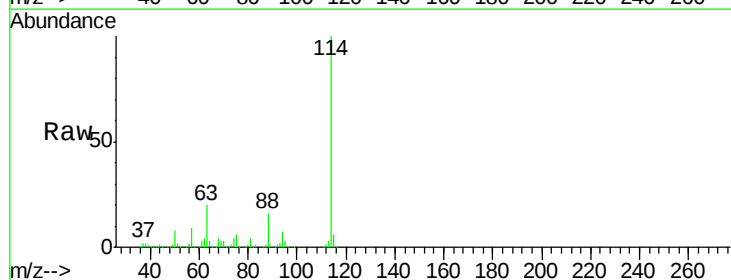
Tgt Ion: 114 Resp: 275226

Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.4

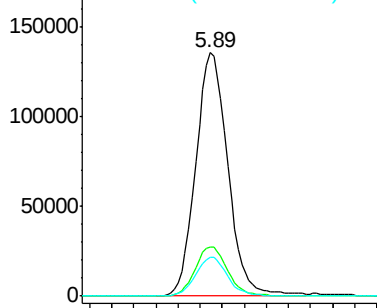
88 16.0 0.0 31.0



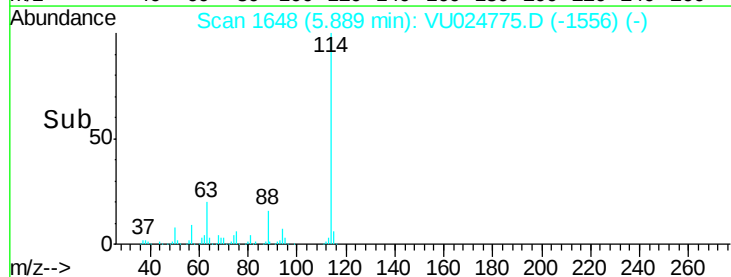
Abundance Ion 113.90 (113.60 to 114.60): VU024502.D

Ion 63.00 (62.70 to 63.70): VU024502.D

Ion 87.90 (87.60 to 88.60): VU024502.D



Time-->





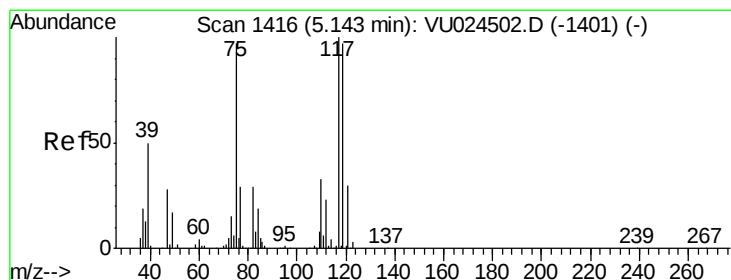
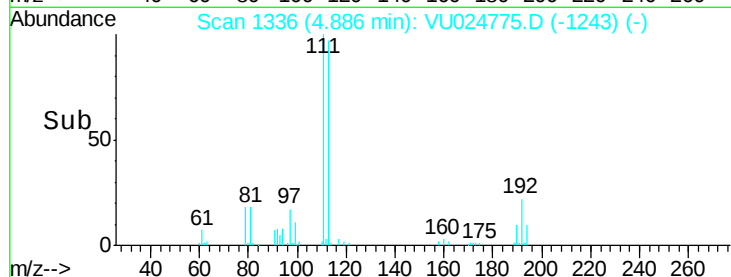
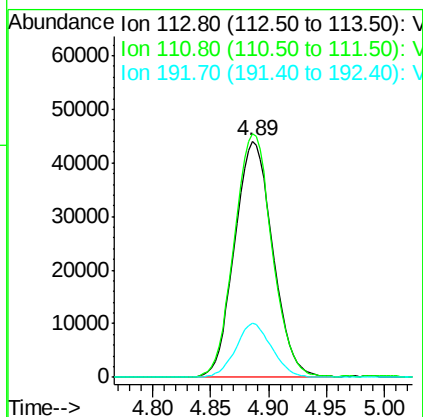
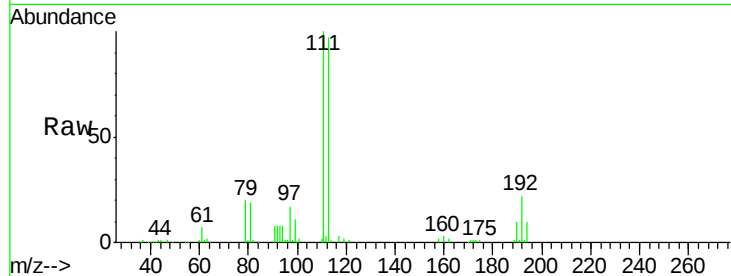
#35
 Dibromofluoromethane
 Concen: 44.24 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	21.6	16.2	24.4

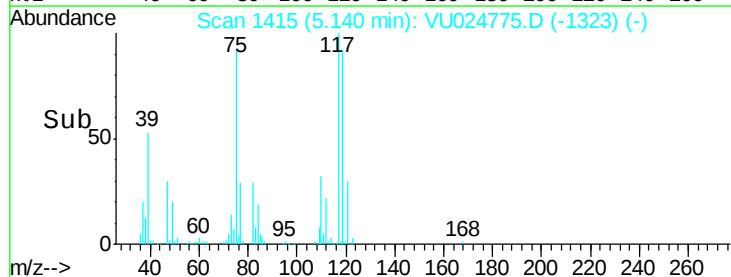
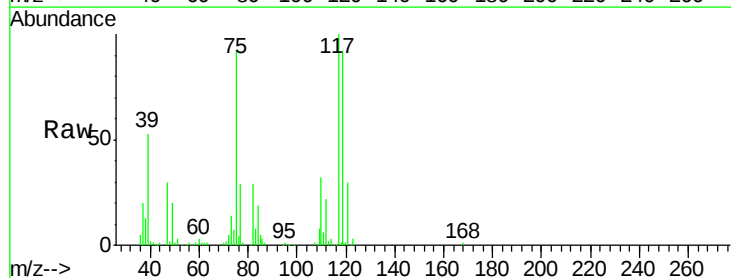
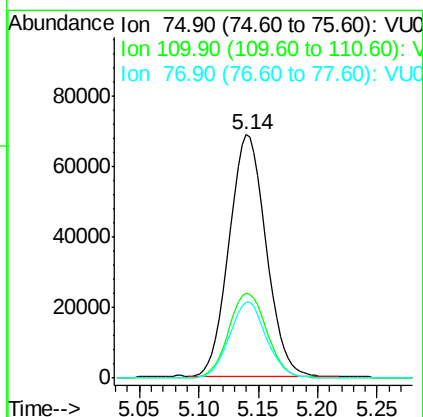
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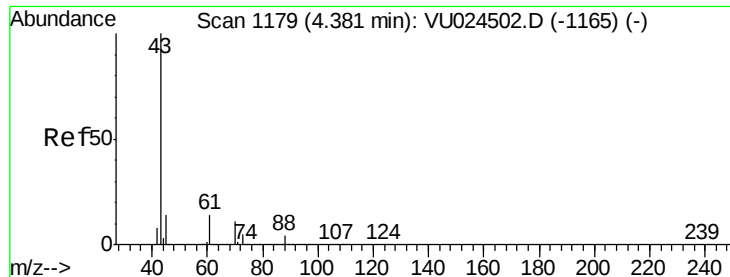
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#36
 1,1-Dichloropropene
 Concen: 45.96 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.0	50.9
77	30.8	24.2	36.4





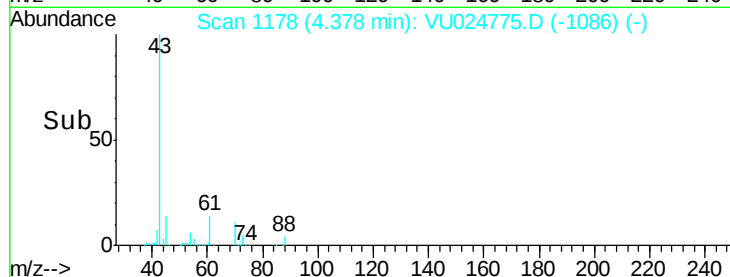
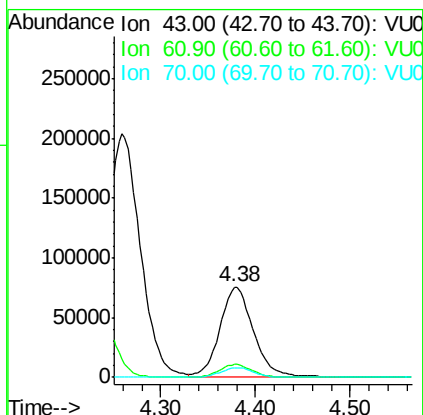
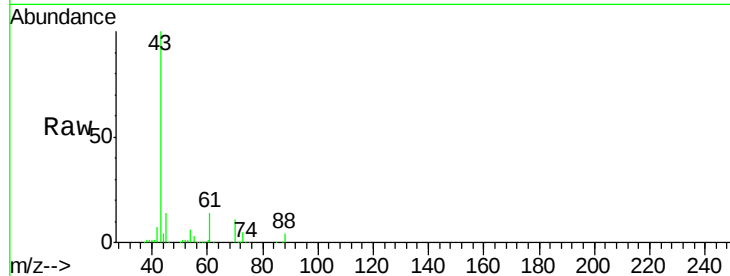
#37
Ethyl Acetate
Concen: 52.33 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.5	15.7
70	10.8	7.4	11.2

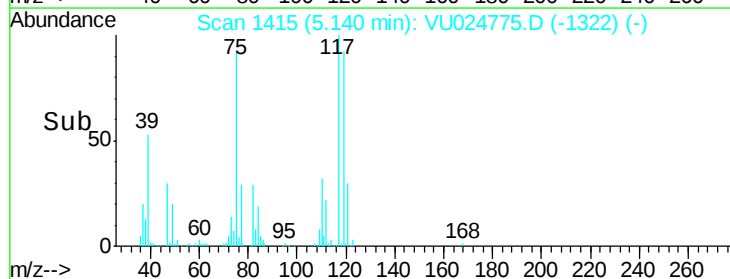
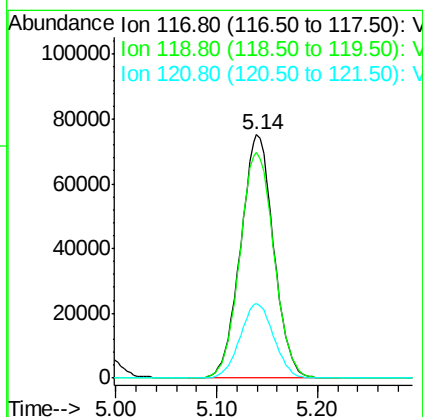
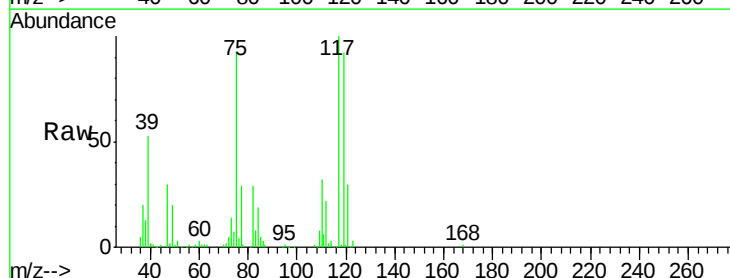
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 47.75 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.1	114.1
121	30.4	23.7	35.5





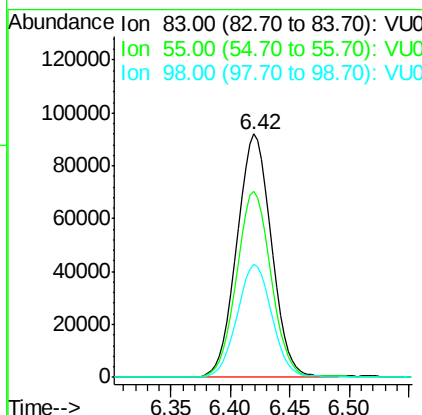
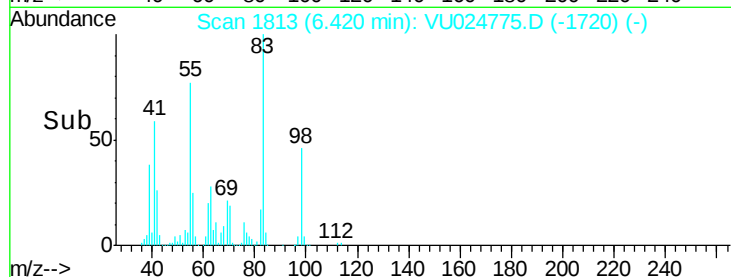
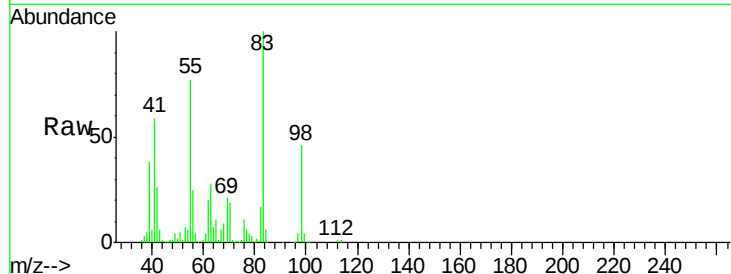
#39
Methvlcvclohexane
Concen: 46.18 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	65.8	98.6
98	46.2	36.7	55.1

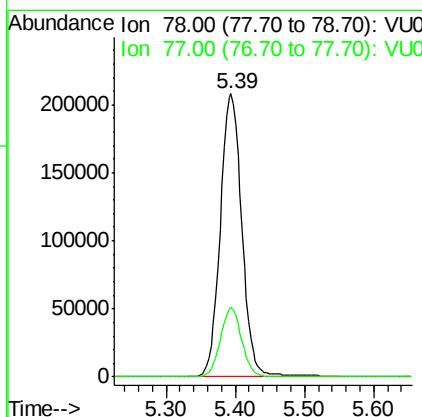
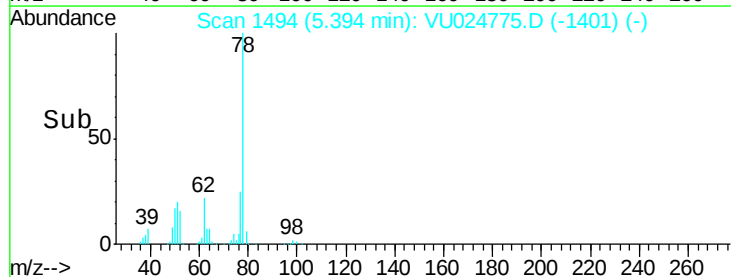
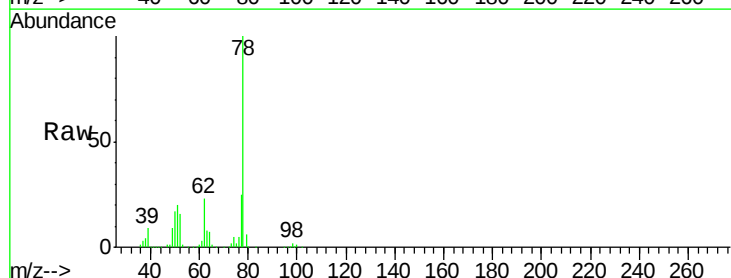
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#40
Benzene
Concen: 48.98 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.2	28.8





#41

Methacrylonitrile

Concen: 52.46 ug/l

RT: 4.54 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

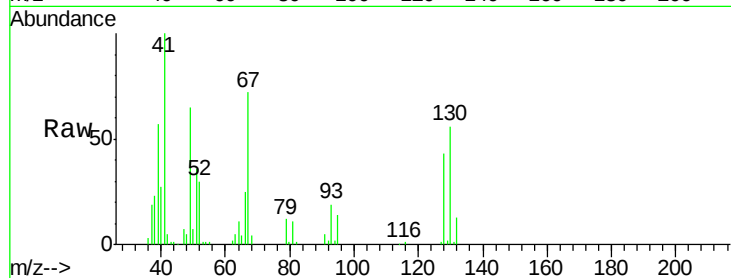
ClientSampleId :

VSTDCCC050

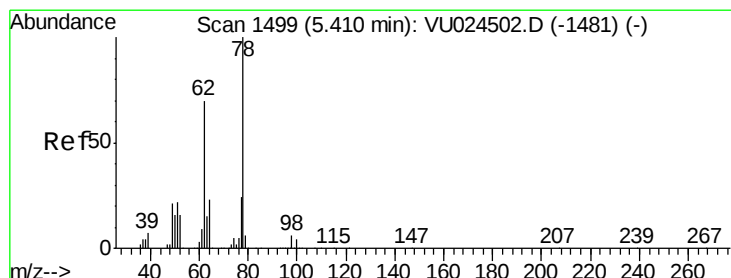
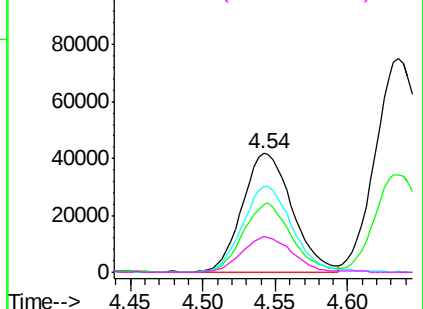
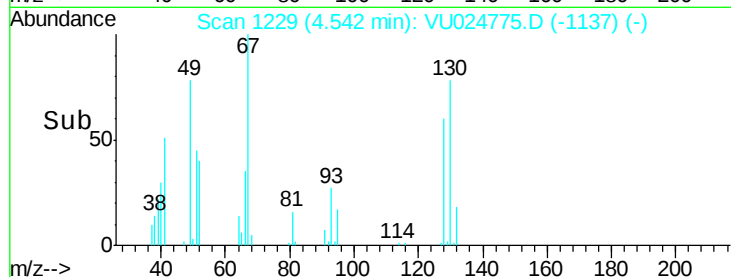
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.8	65.6
67	72.8	56.3	84.5
52	30.3	23.2	34.8

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Abundance Ion 41.00 (40.70 to 41.70): VU024502.D (-1214) (-)



#42

1,2-Dichloroethane

Concen: 49.07 ug/l

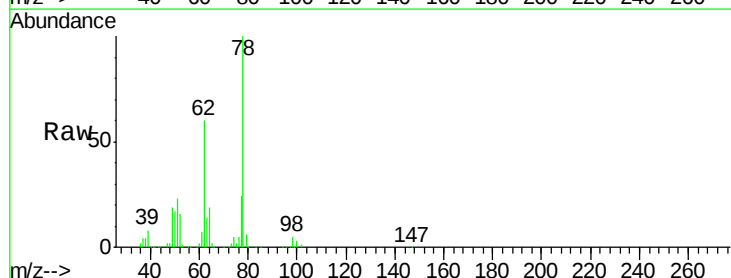
RT: 5.41 min Scan# 1498

Delta R.T. -0.00 min

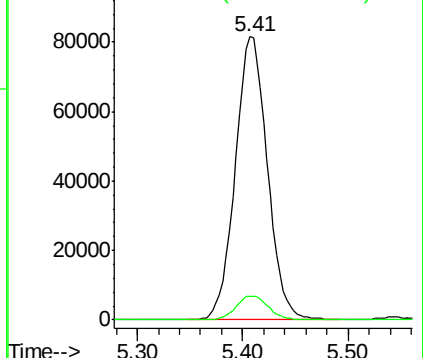
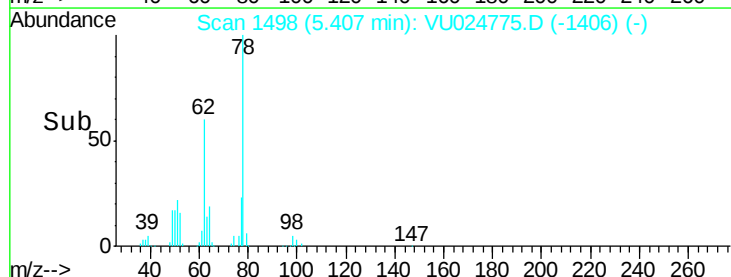
Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-1481) (-)





#43

Isopropyl Acetate

Concen: 48.35 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

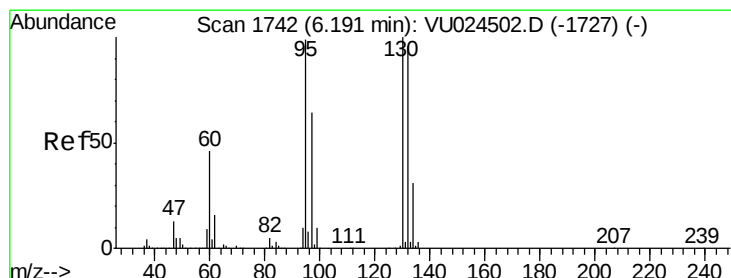
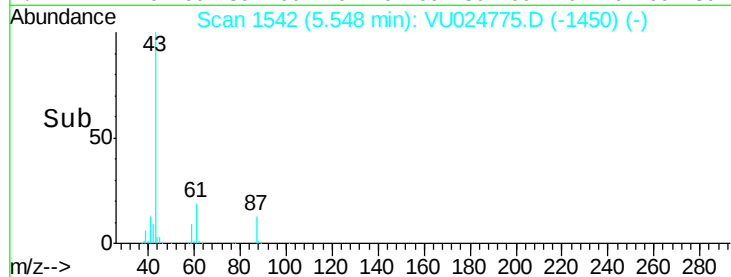
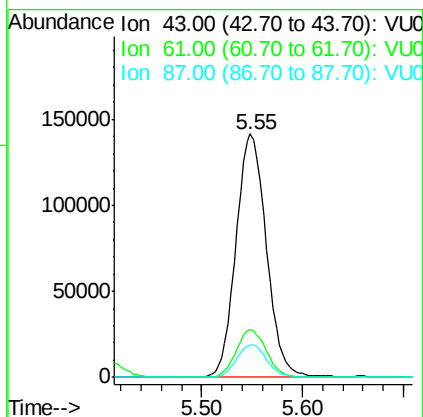
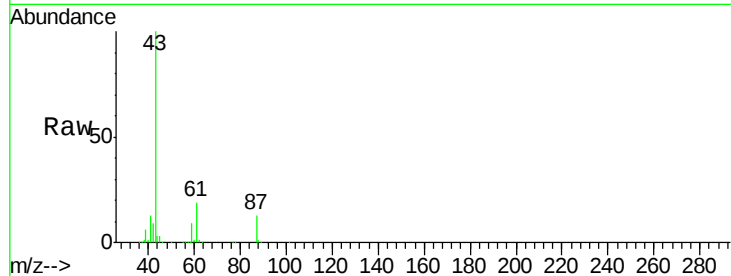
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	294597
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.3	10.0	15.0

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#44

Trichloroethene

Concen: 47.32 ug/l

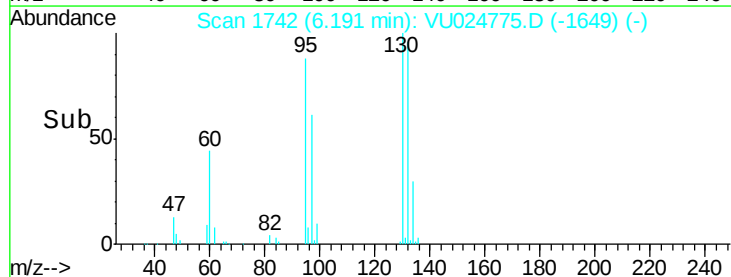
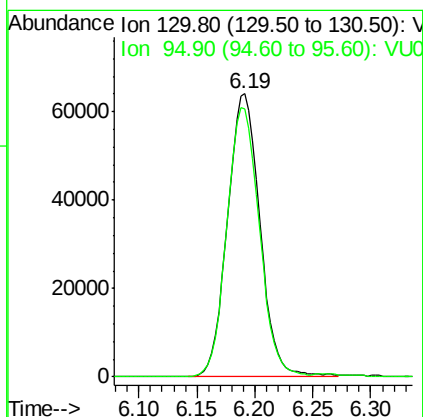
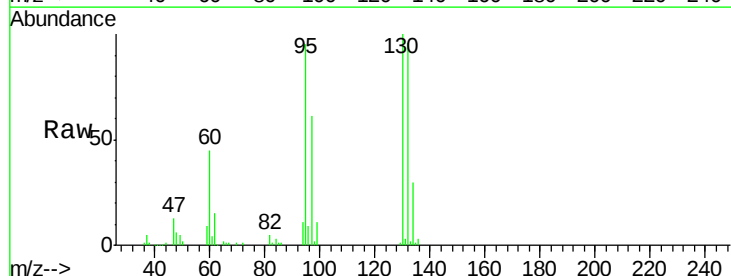
RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Tgt Ion:	130	Resp:	124117
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	202.4





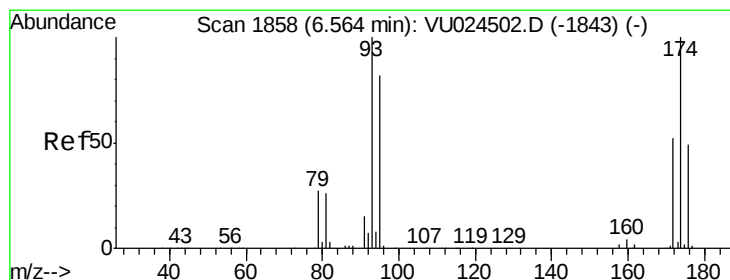
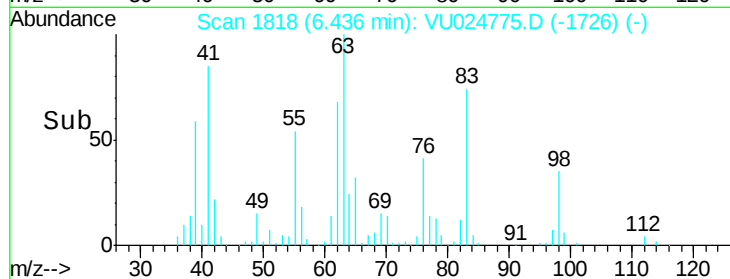
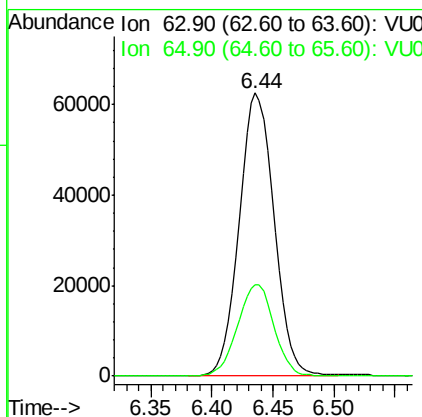
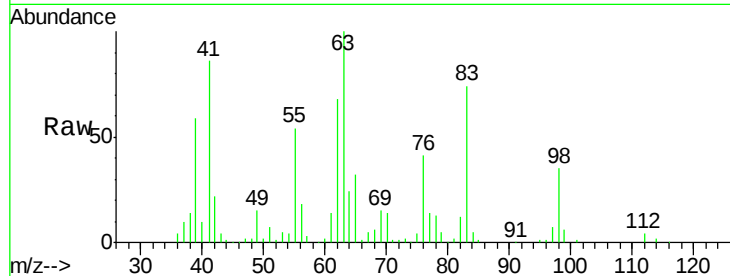
#45
 1,2-Dichloropropane
 Concen: 50.39 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	24.8	37.2

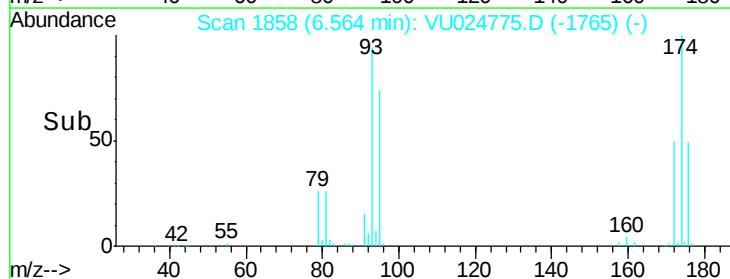
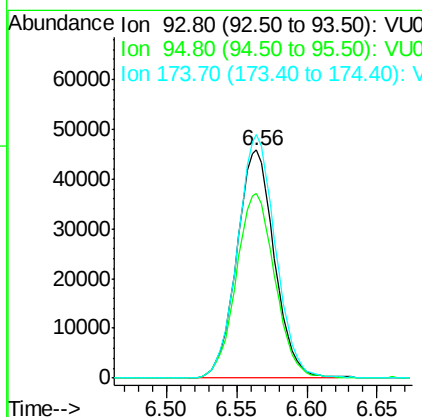
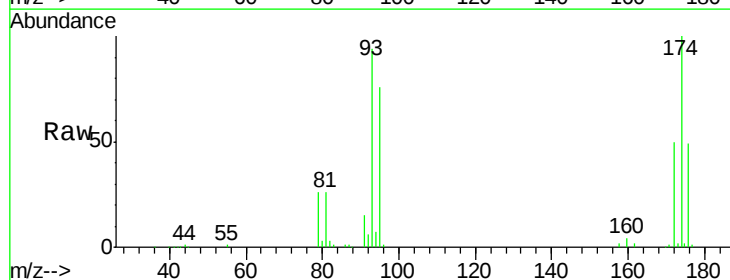
Manual Integrations
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#46
 Dibromomethane
 Concen: 49.59 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.5	98.3
174	107.6	78.7	118.1





#47

Bromodichloromethane

Concen: 48.57 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

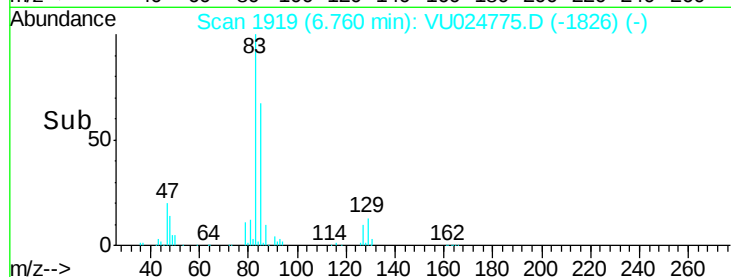
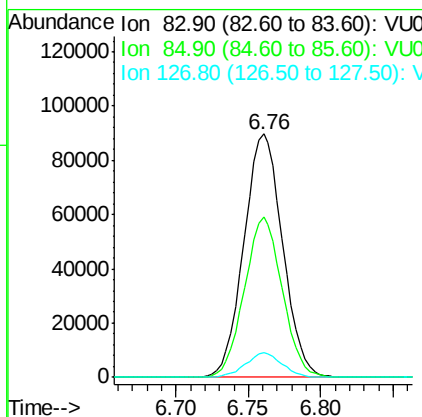
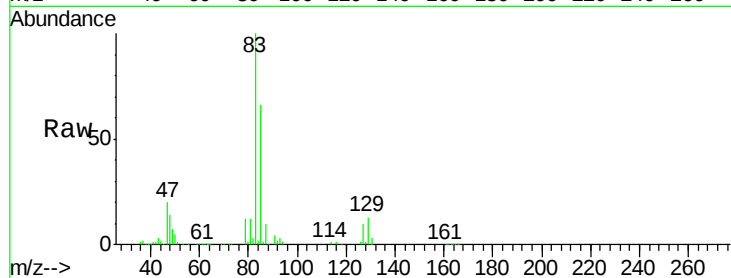
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	167031
Ion Ratio	Lower	Upper	
83	100		
85	65.9	51.9	77.9
127	9.9	6.6	9.8#

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.98 ug/l

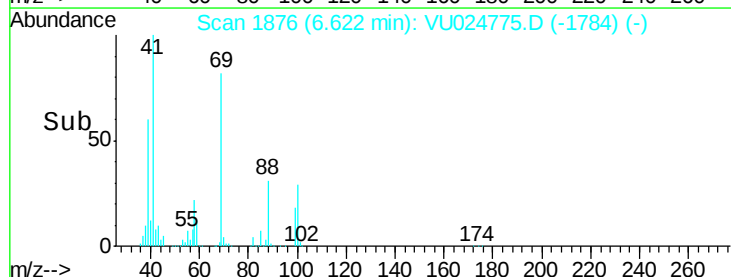
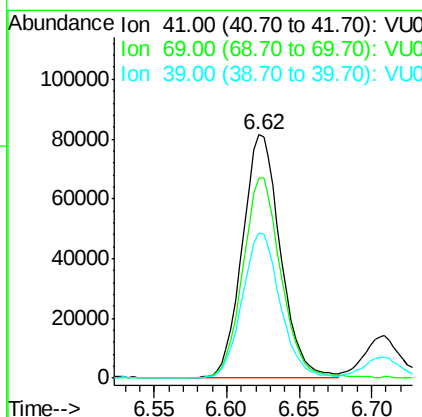
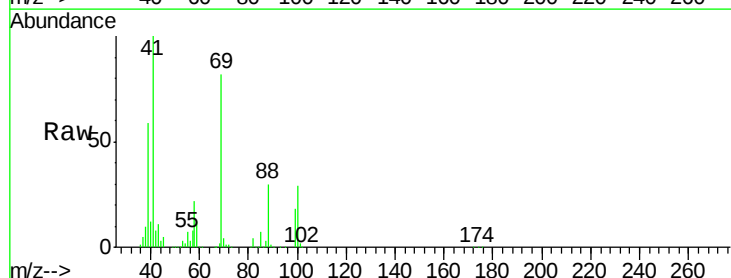
RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Tgt Ion:	41	Resp:	148291
Ion Ratio	Lower	Upper	
41	100		
69	82.7	67.3	100.9
39	59.0	46.5	69.7





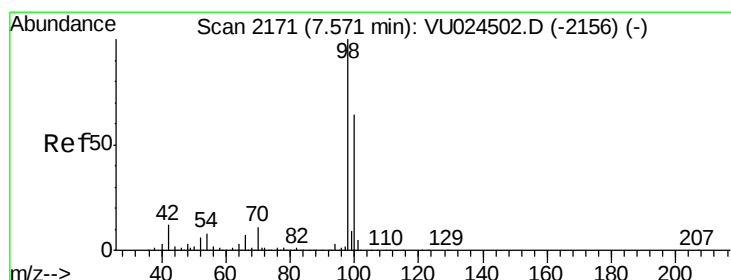
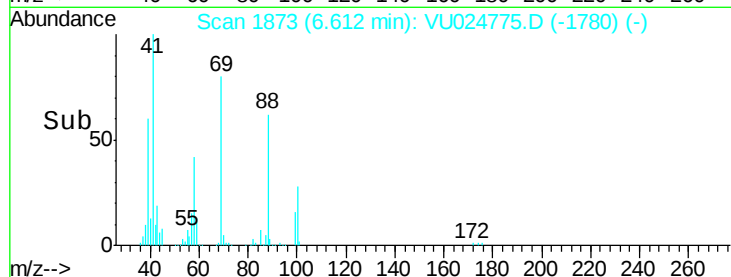
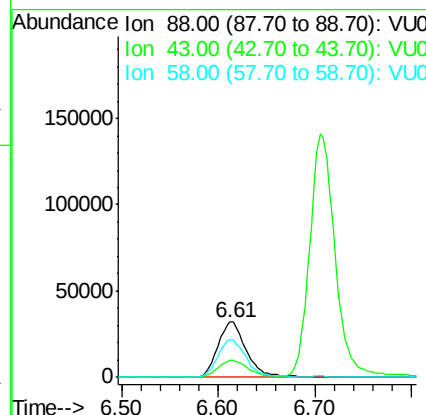
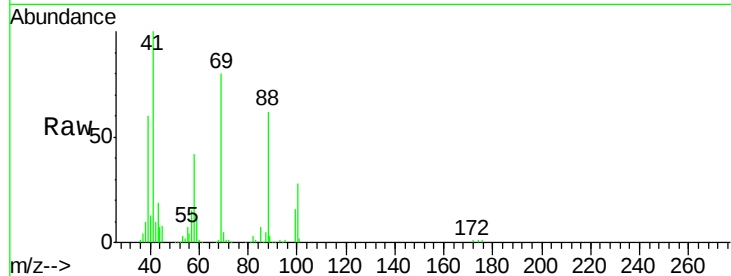
#49
 1,4-Dioxane
 Concen: 1107.11 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	28.6	42.8
58	69.9	58.2	87.4

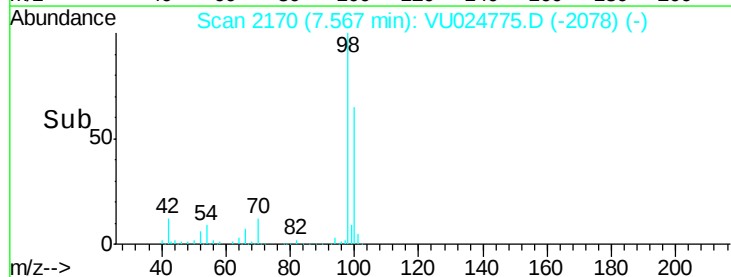
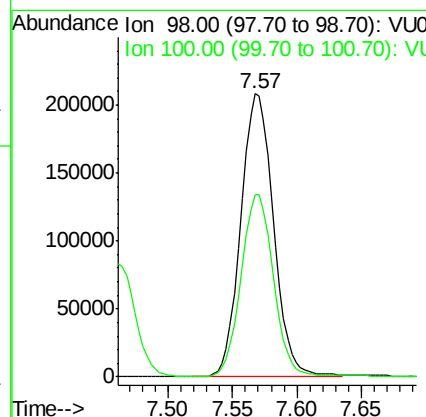
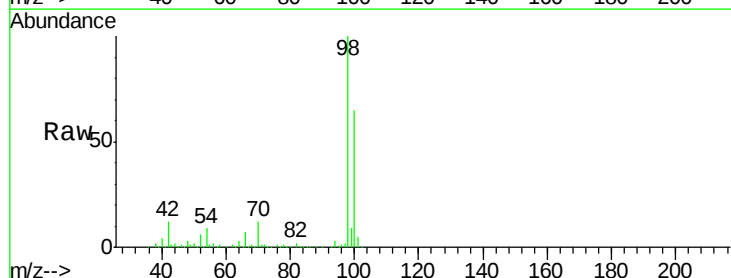
Manual Integrations
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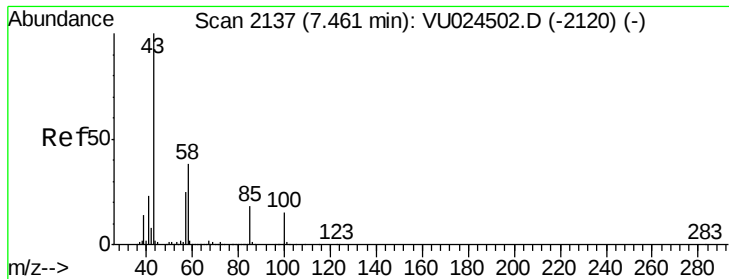
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#50
 Toluene-d8
 Concen: 44.24 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7





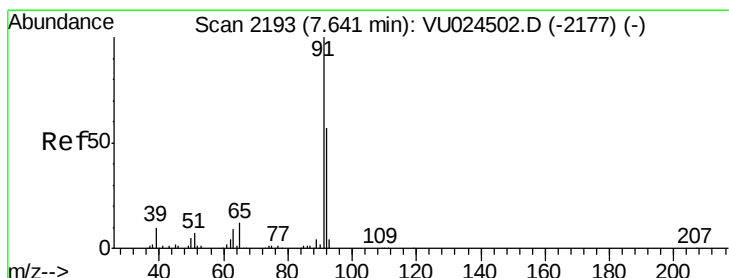
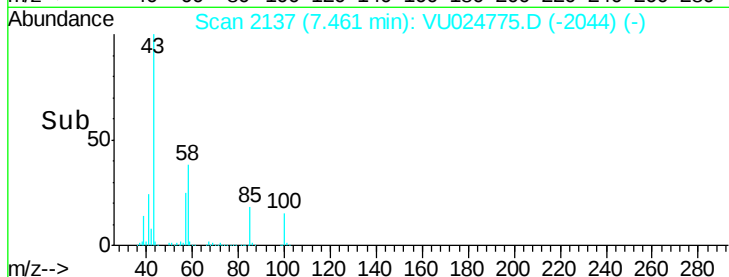
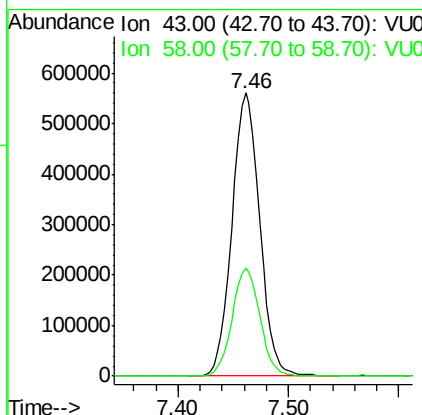
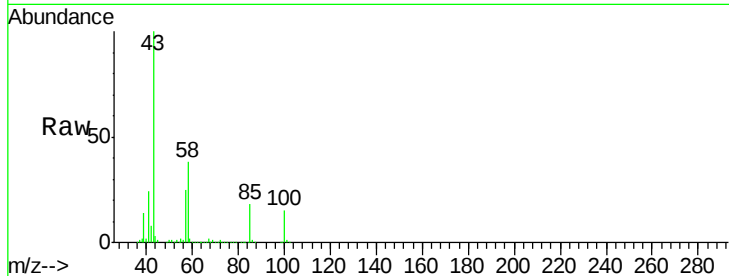
#51
 4-Methyl-2-Pentanone
 Concen: 255.47 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	977947
Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.0	45.0

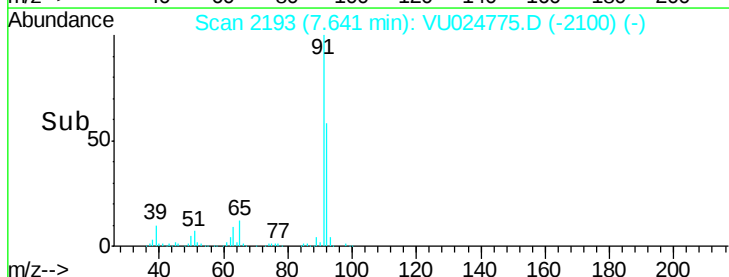
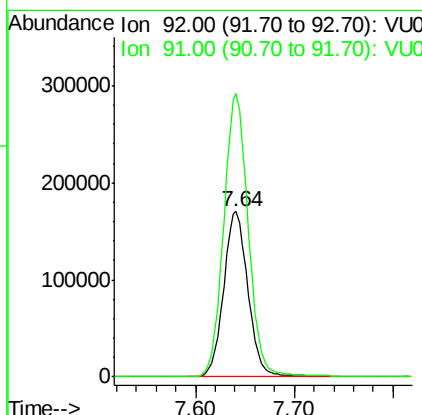
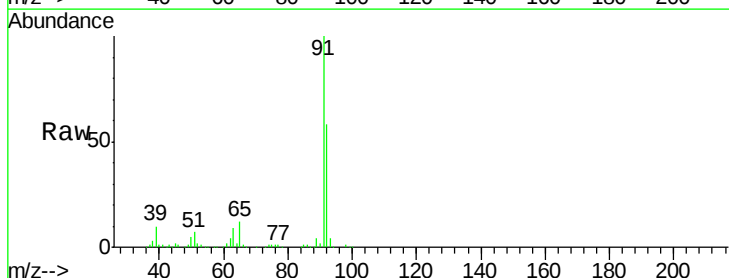
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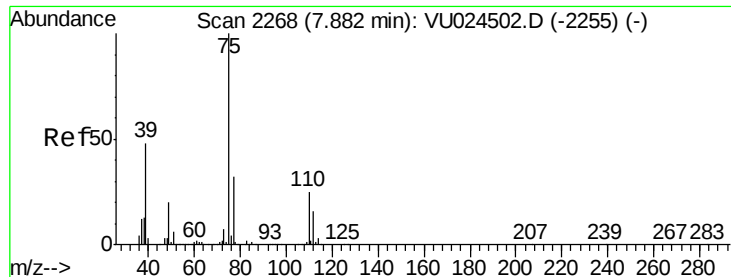
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#52
 Toluene
 Concen: 49.91 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion	92	Resp	295886
Ion	Ratio	Lower	Upper
92	100		
91	172.9	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 48.25 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 186357

Ion Ratio Lower Upper

75 100

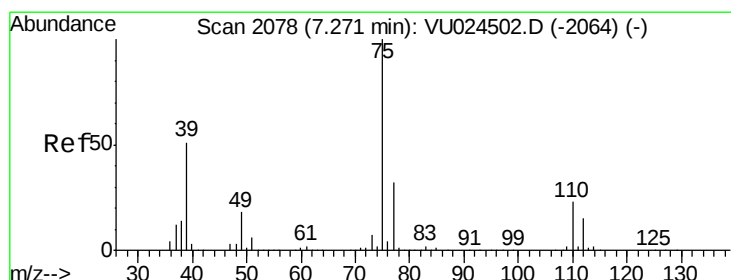
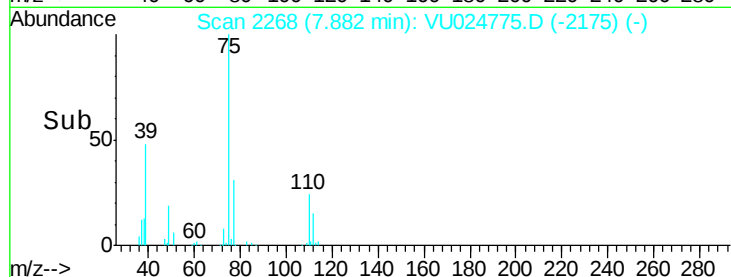
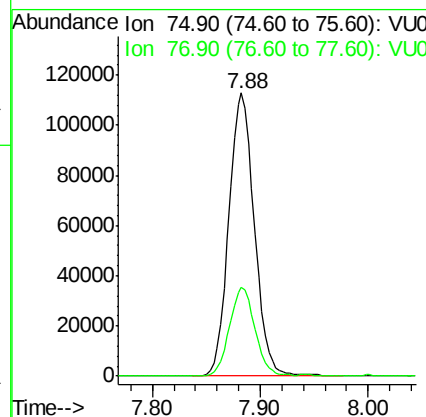
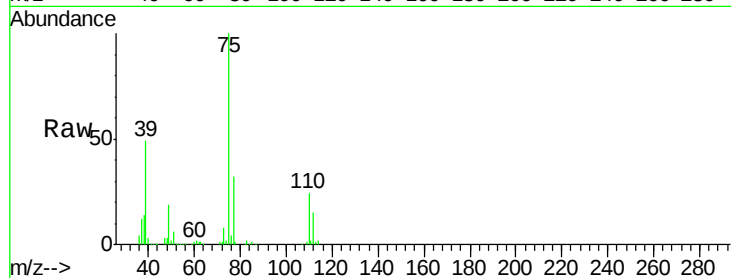
77 31.6 24.8 37.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 46.61 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

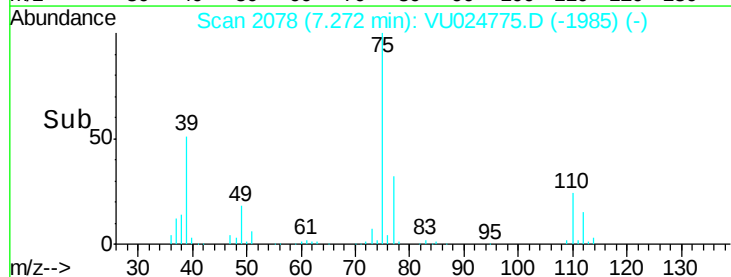
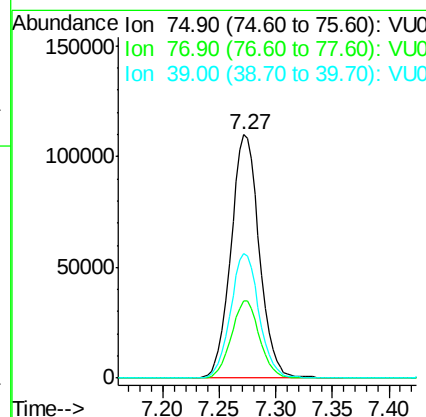
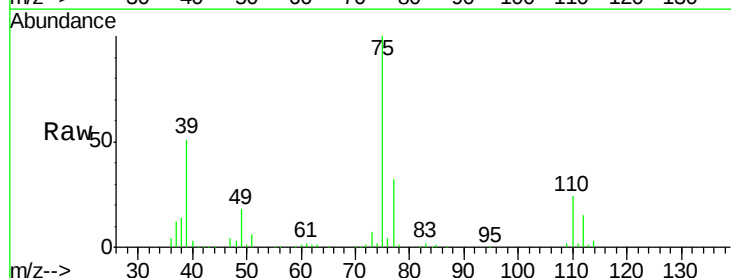
Tgt Ion: 75 Resp: 191846

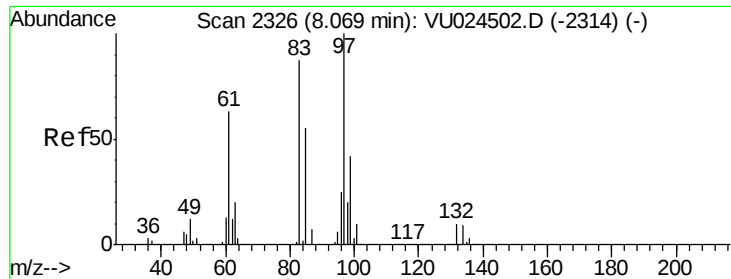
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 51.1 39.8 59.6





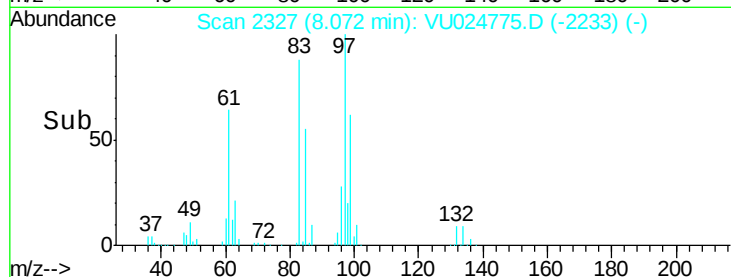
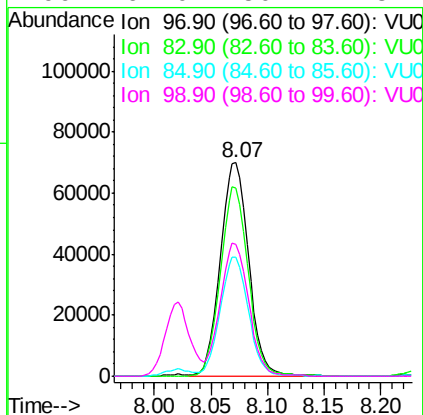
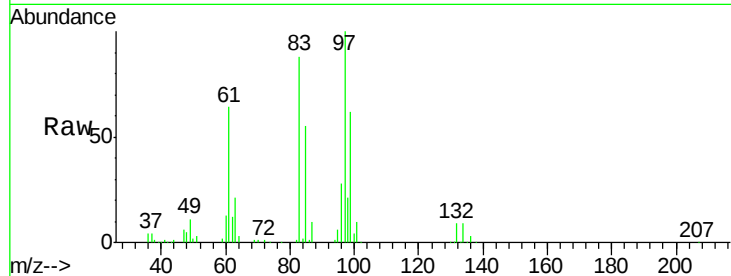
#55
 1,1,2-Trichloroethane
 Concen: 50.48 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	121649
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.5	105.7
85	55.6	46.4	69.6
99	62.0	50.2	75.2

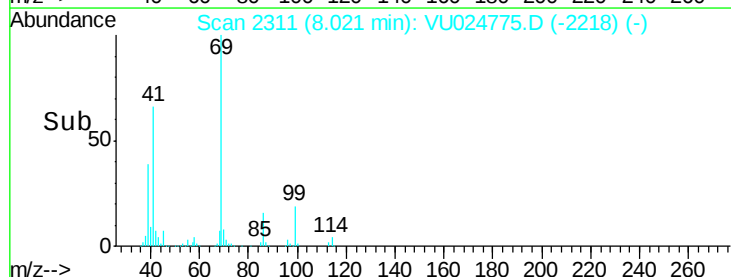
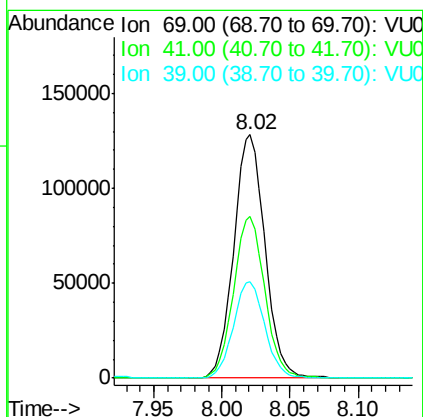
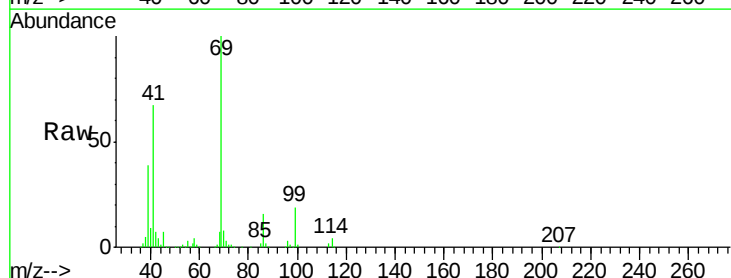
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 50.52 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion:	69	Resp:	203792
Ion	Ratio	Lower	Upper
69	100		
41	66.3	54.1	81.1
39	39.4	30.3	45.5





#57

1,3-Dichloropropane

Concen: 51.29 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 208501

Ion Ratio Lower Upper

76 100

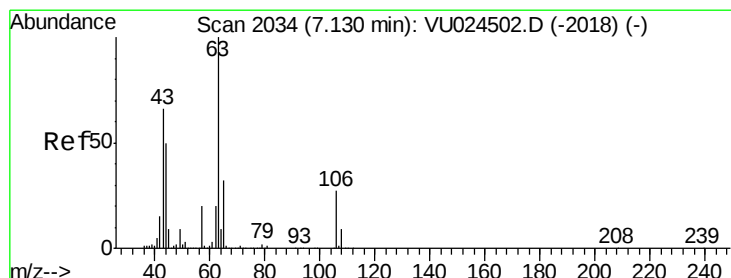
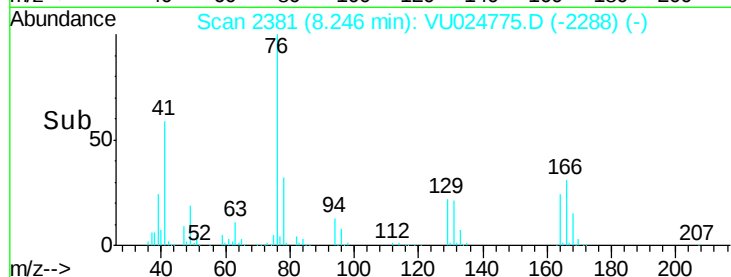
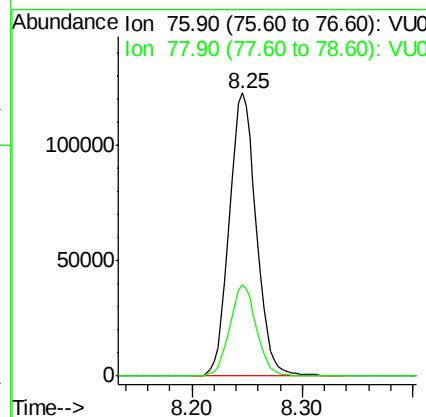
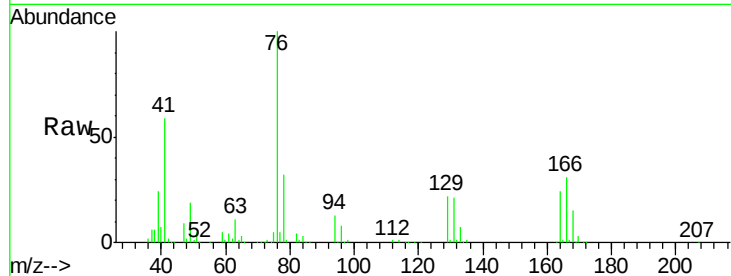
78 31.9 25.2 37.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 267.07 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024775.D

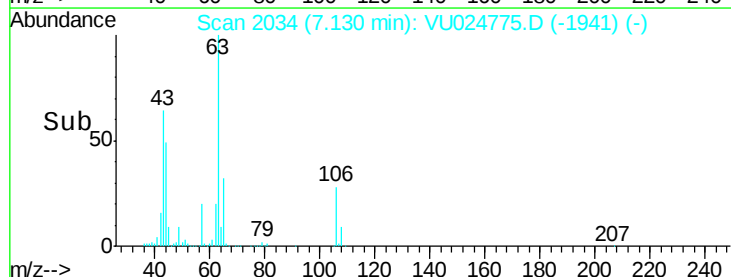
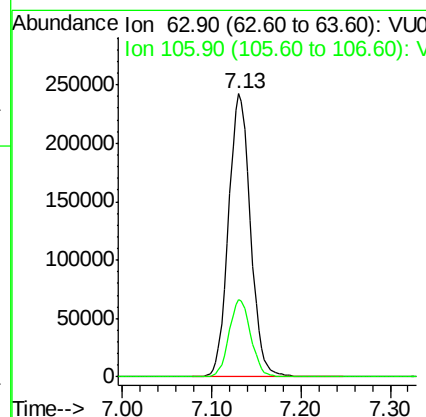
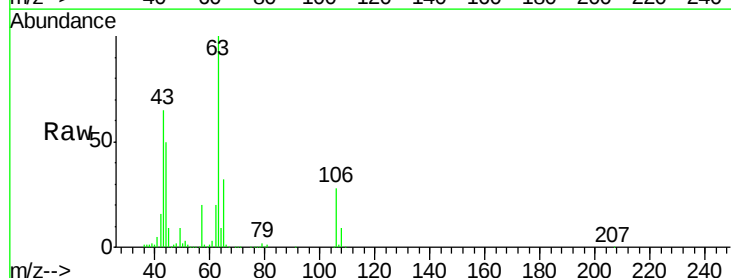
Acq: 20 Jun 2018 22:47

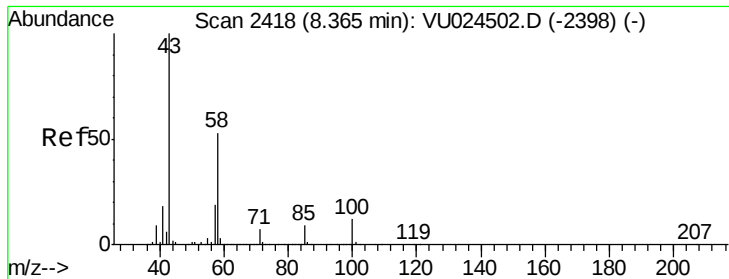
Tgt Ion: 63 Resp: 412722

Ion Ratio Lower Upper

63 100

106 27.2 20.2 30.2





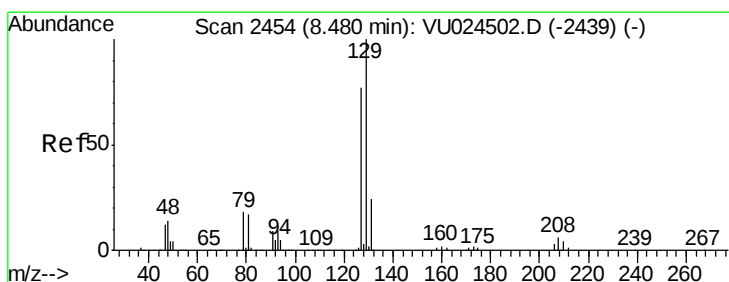
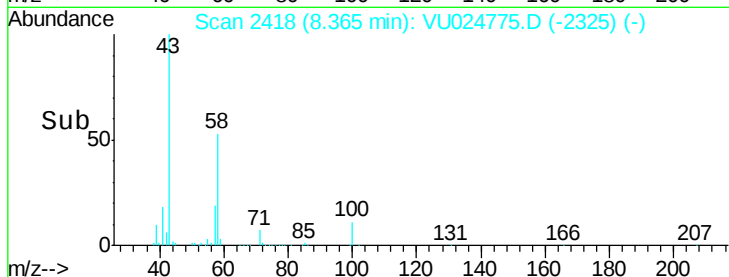
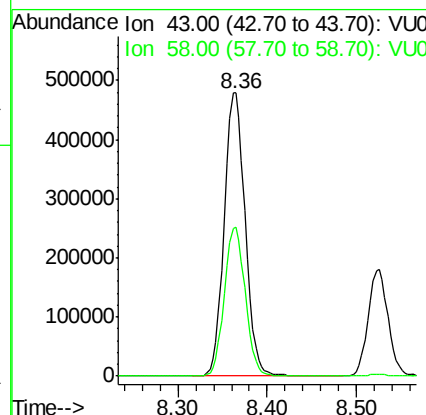
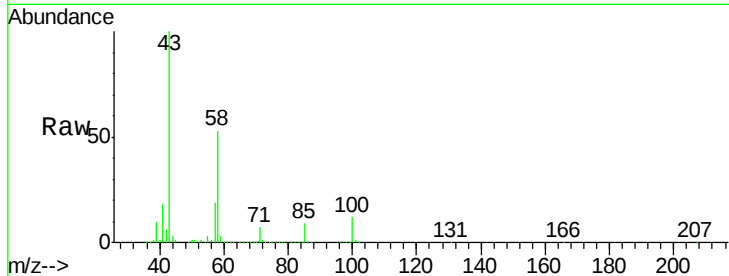
#59
2-Hexanone
Concen: 249.84 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.4	79.0

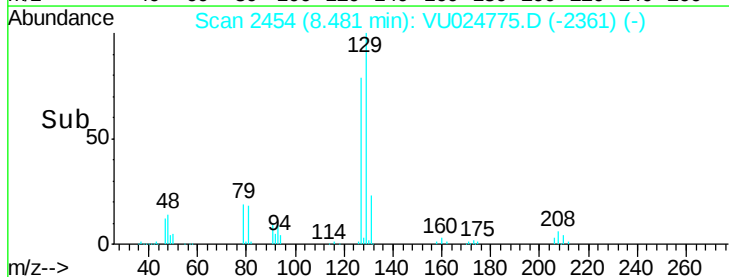
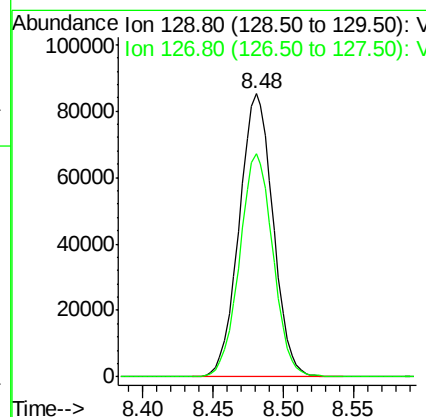
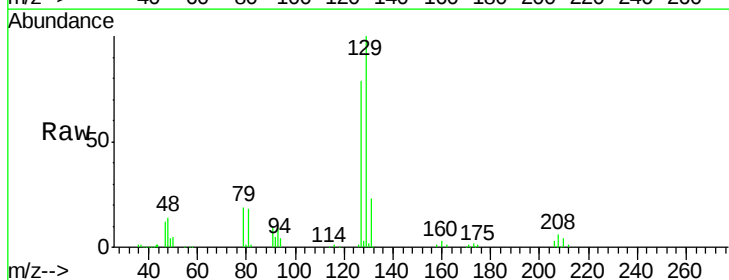
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#60
Dibromochloromethane
Concen: 47.74 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	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: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 135628

Ion Ratio Lower Upper

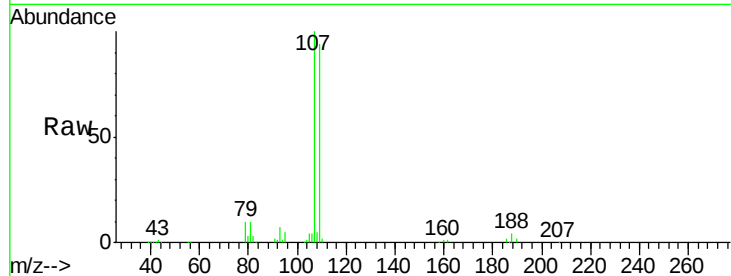
107 100

109 94.0 74.5 111.7

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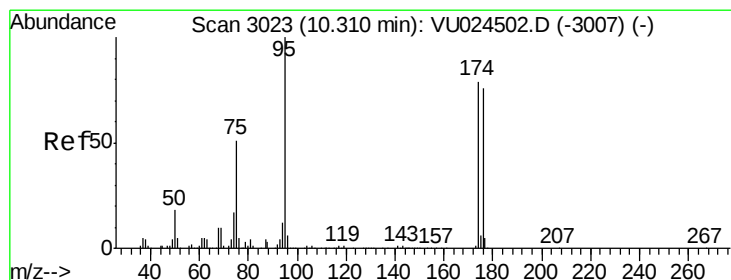
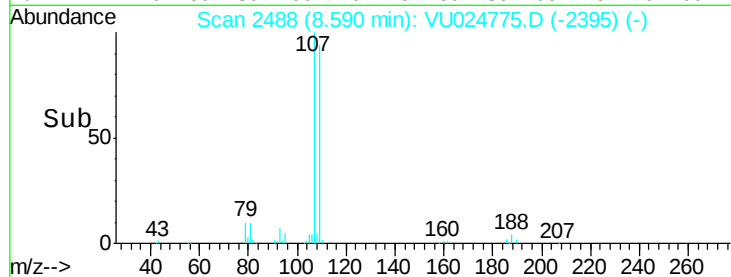
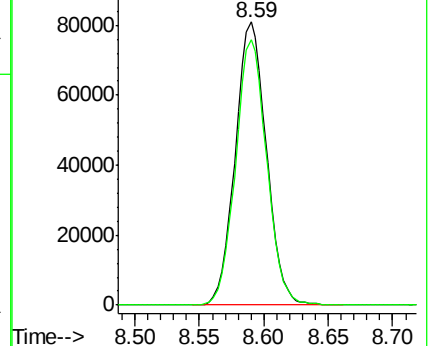
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.29 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

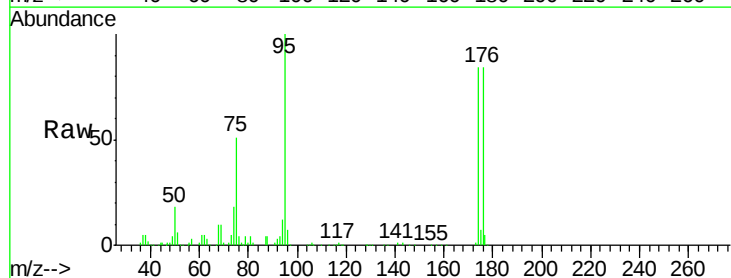
Tgt Ion: 95 Resp: 149834

Ion Ratio Lower Upper

95 100

174 84.6 0.0 165.8

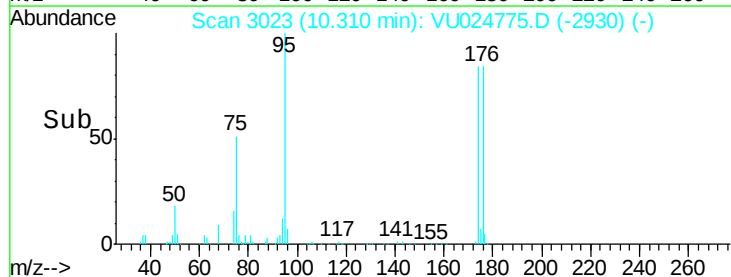
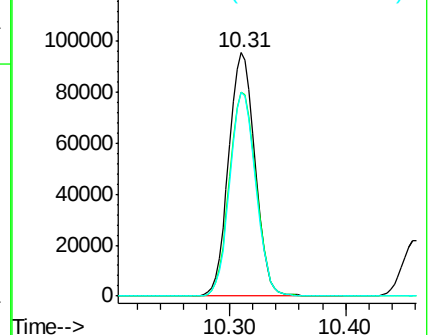
176 82.5 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





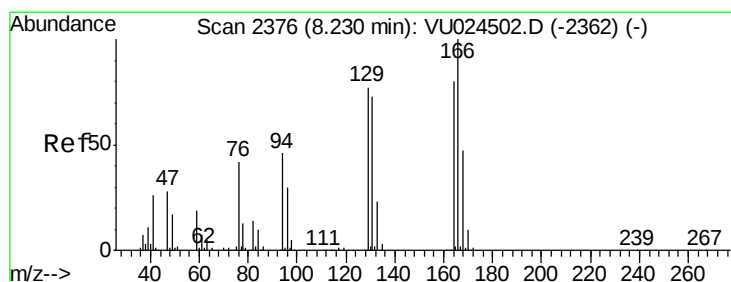
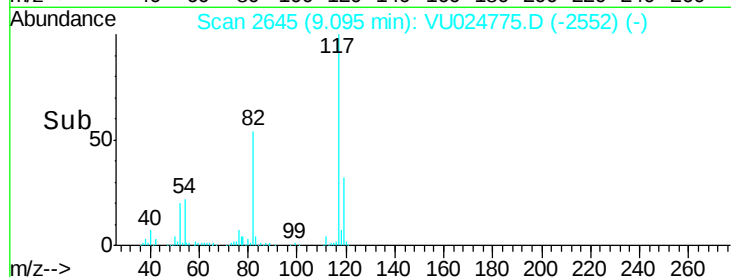
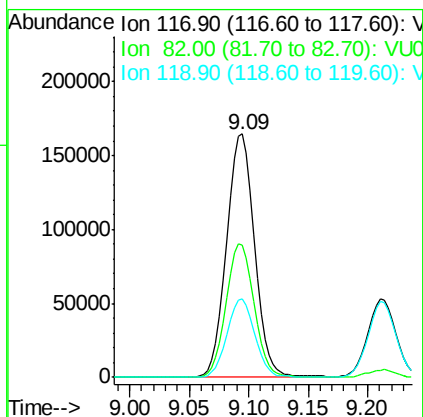
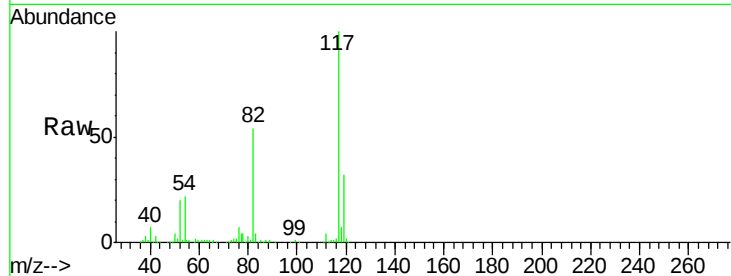
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.3	66.5
119	32.1	25.4	38.2

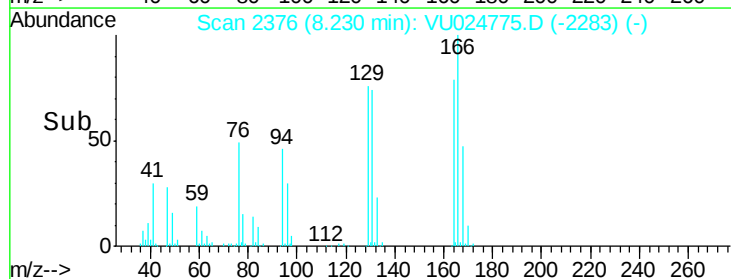
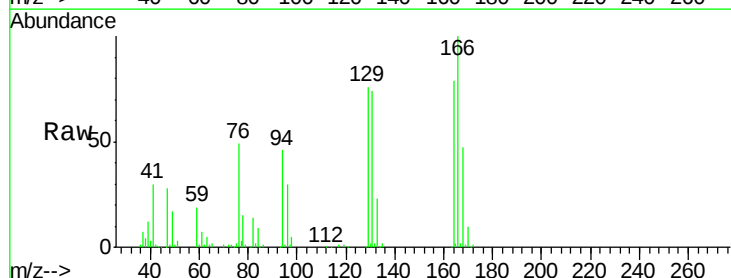
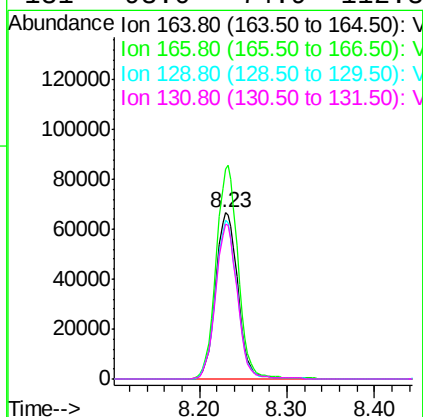
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#64
Tetrachloroethene
Concen: 45.73 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.7	152.5
129	95.6	76.9	115.3
131	93.0	74.9	112.3





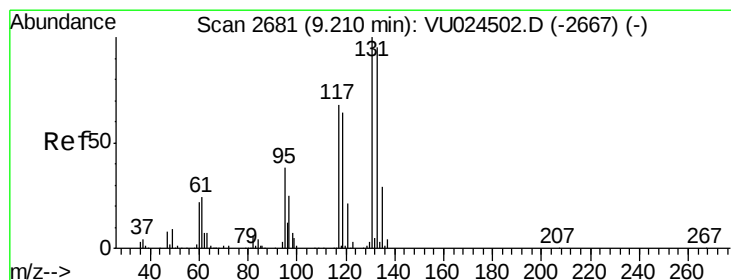
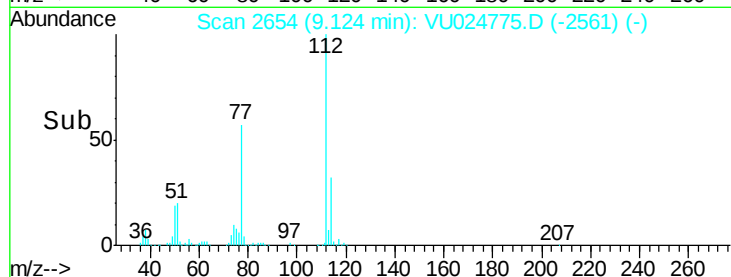
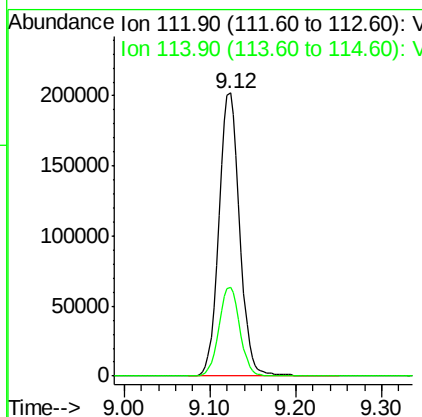
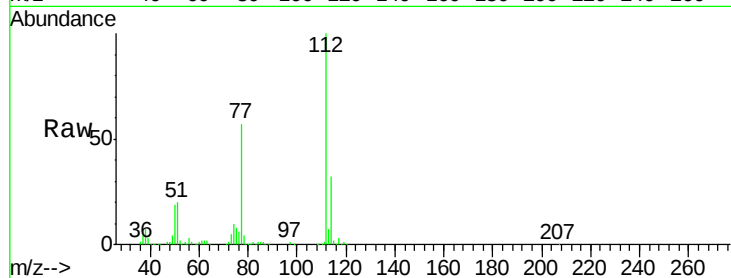
#65
Chlorobenzene
Concen: 49.15 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.6	38.4

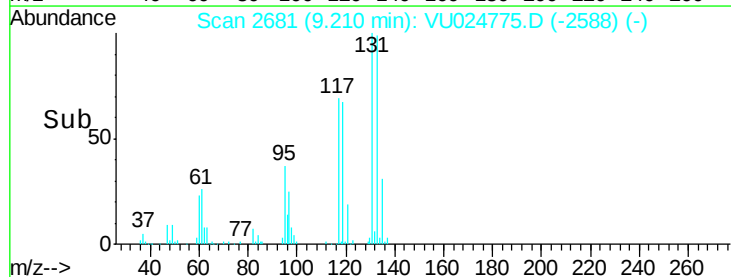
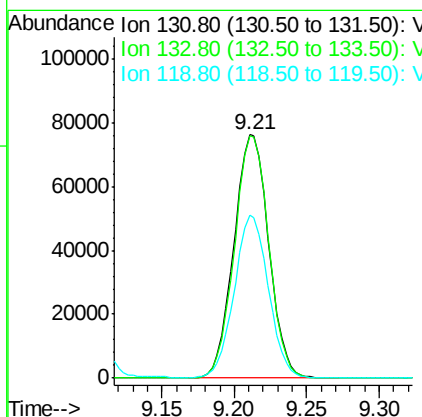
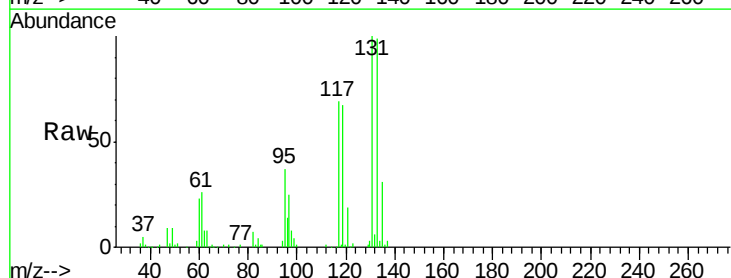
Manual Integrations
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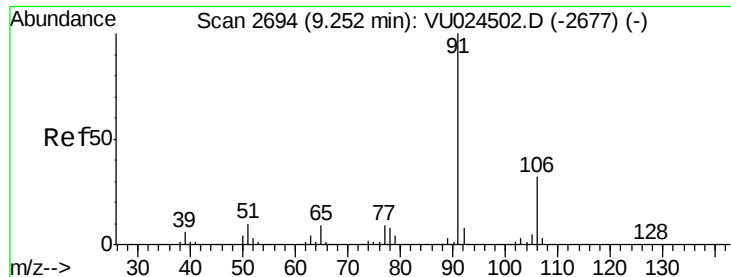
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.59 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.9	46.9	140.8
119	65.7	33.5	100.4





#67

Ethyl Benzene

Concen: 48.16 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 582343

Ion Ratio Lower Upper

91 100

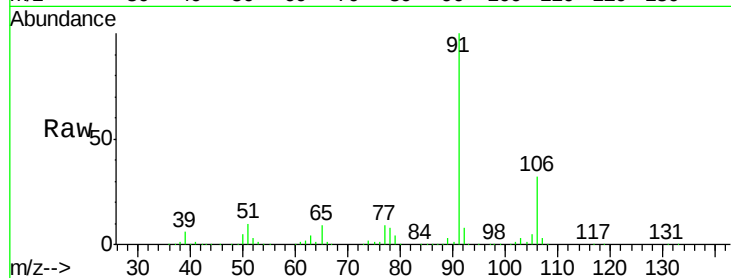
106 32.1 24.2 36.4

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Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

600000

500000

400000

300000

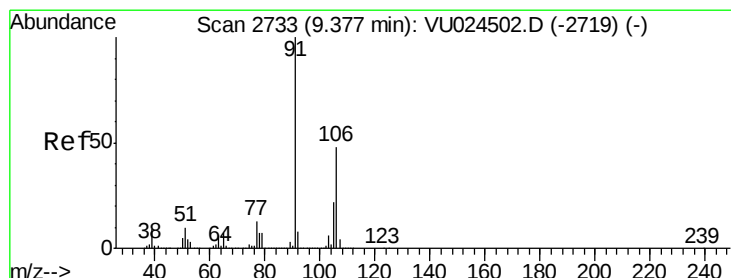
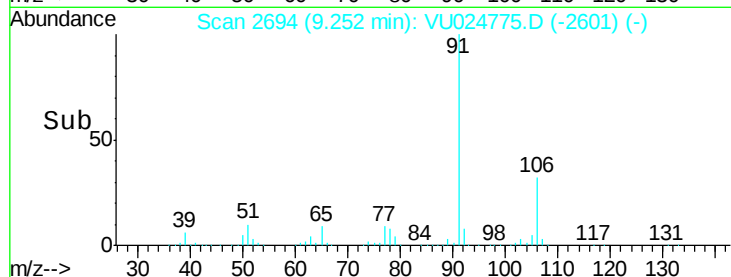
200000

100000

0

9.15 9.20 9.25 9.30 9.35

Time-->



#68

m/p-Xylenes

Concen: 98.51 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024775.D

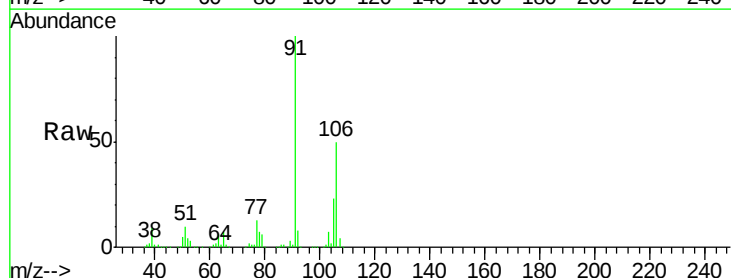
Acq: 20 Jun 2018 22:47

Tgt Ion:106 Resp: 457436

Ion Ratio Lower Upper

106 100

91 202.1 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

600000

500000

400000

300000

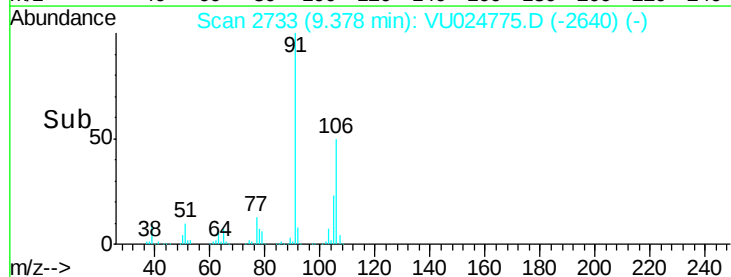
200000

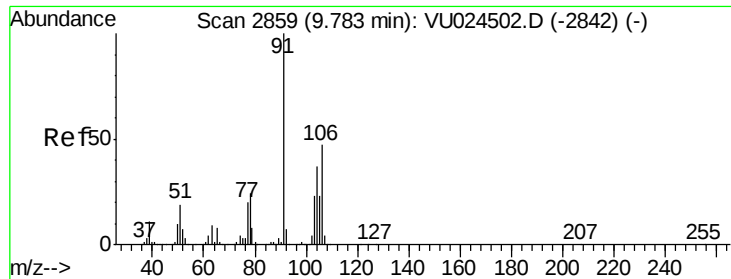
100000

0

9.30 9.40 9.50

Time-->





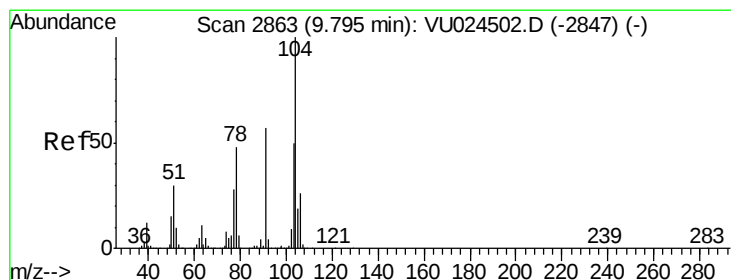
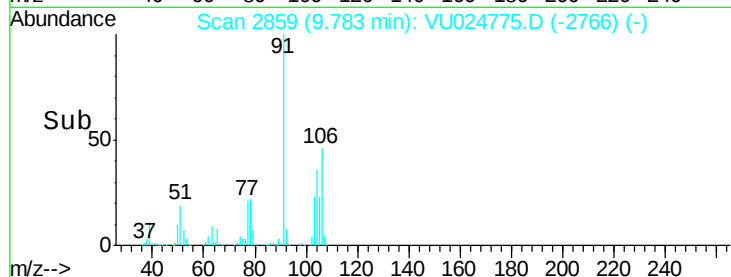
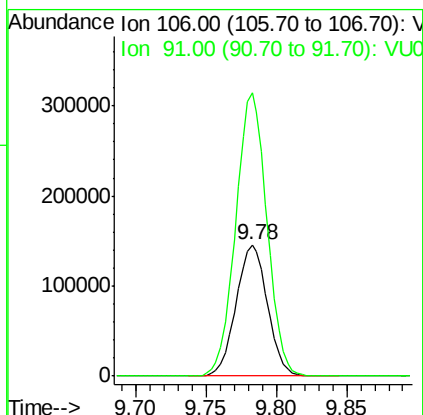
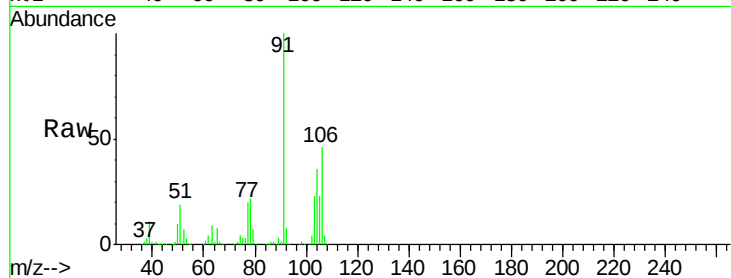
#69
o-Xylene
Concen: 49.53 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.4	110.7	331.9

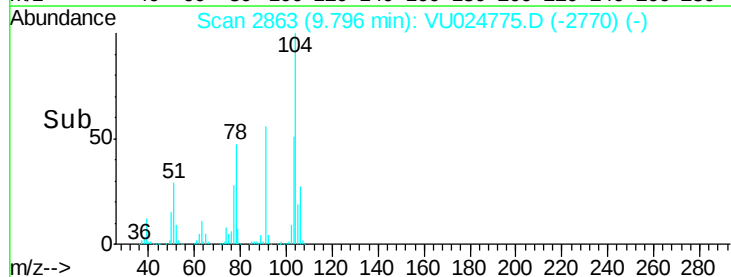
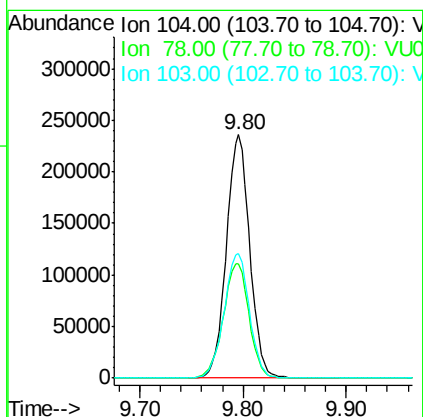
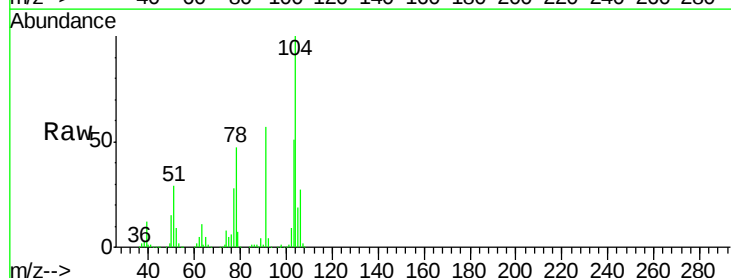
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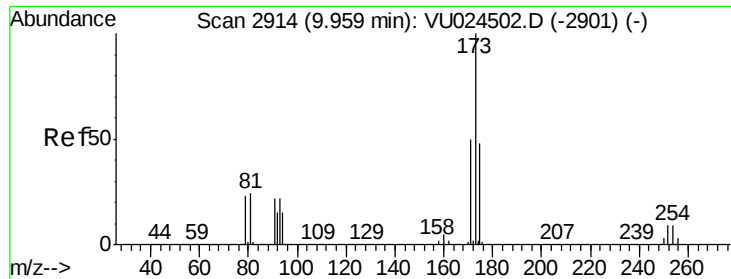
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#70
Styrene
Concen: 49.30 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.6	60.8
103	55.3	44.7	67.1





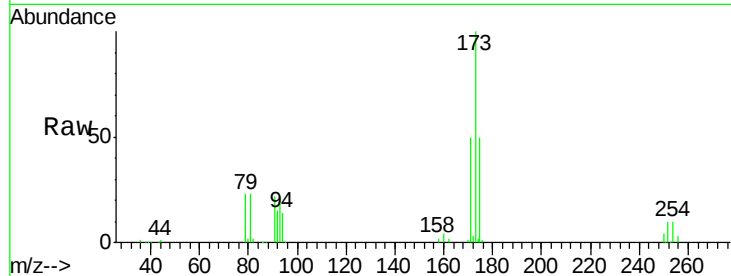
#71
Bromoform
Concen: 46.68 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

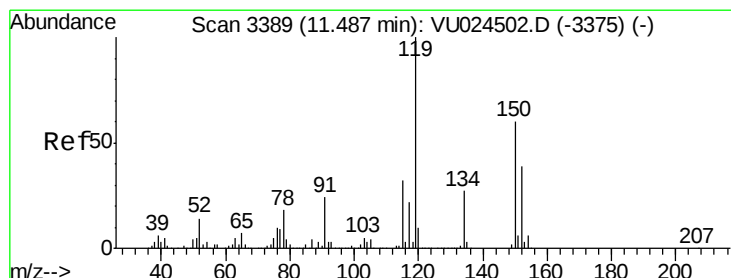
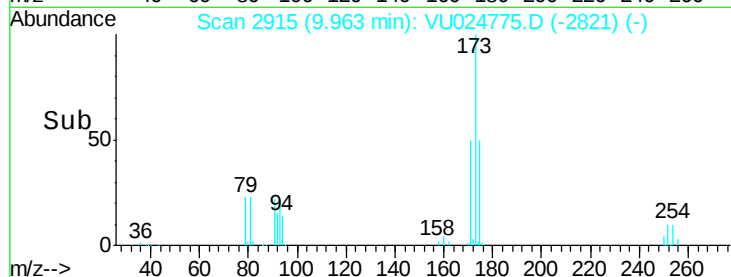
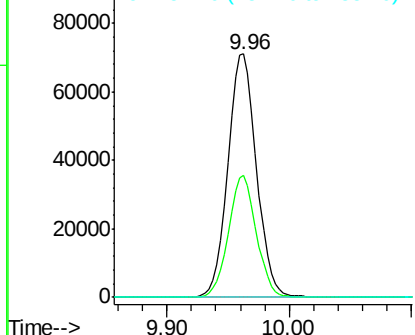
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.6	74.0
254	0.0	0.0	0.0

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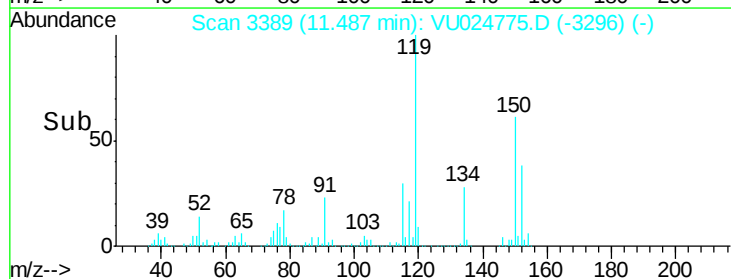
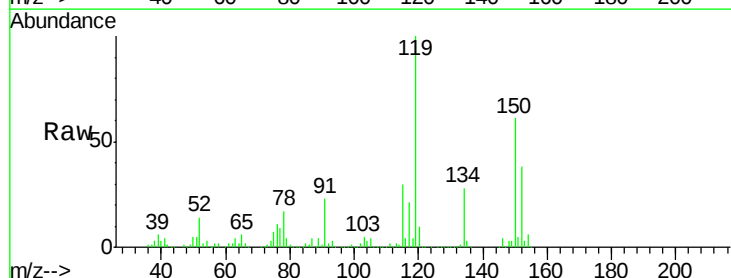
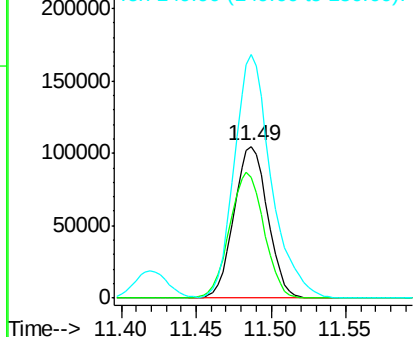
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

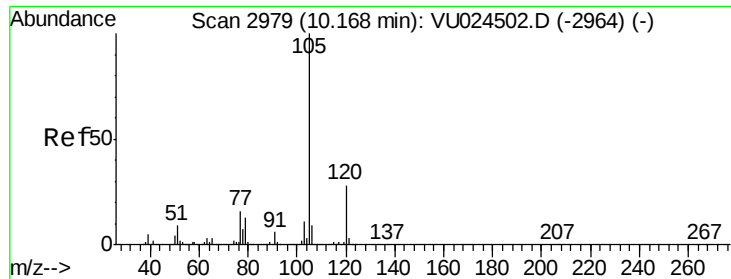


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.9	43.0	129.0
150	175.7	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: 48.52 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 611874

Ion Ratio Lower Upper

105 100

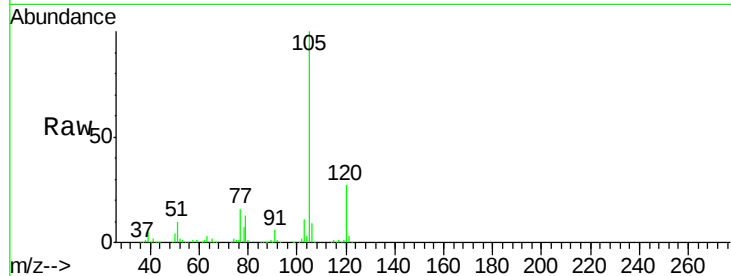
120 27.1 13.2 39.6

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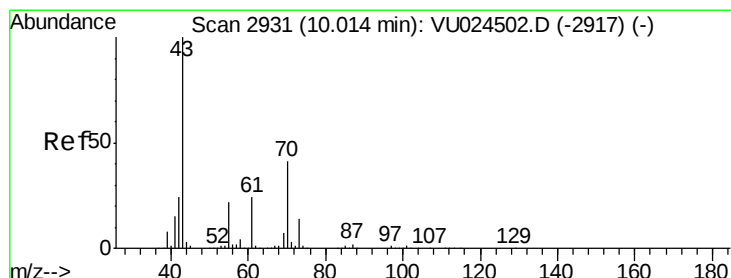
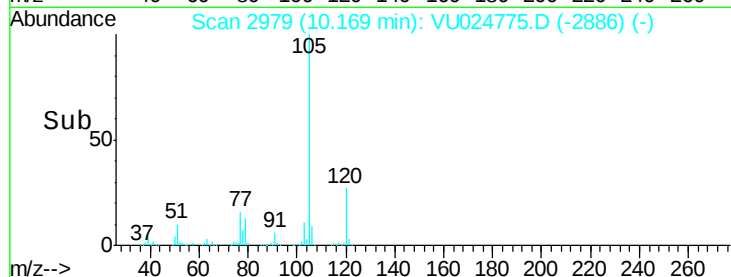
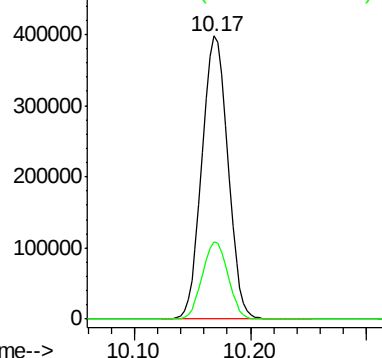
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.12 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Tgt Ion: 43 Resp: 288618

Ion Ratio Lower Upper

43 100

70 40.5 32.2 48.4

55 23.0 20.5 30.7

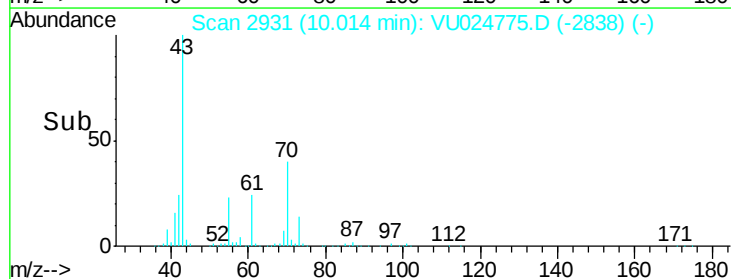
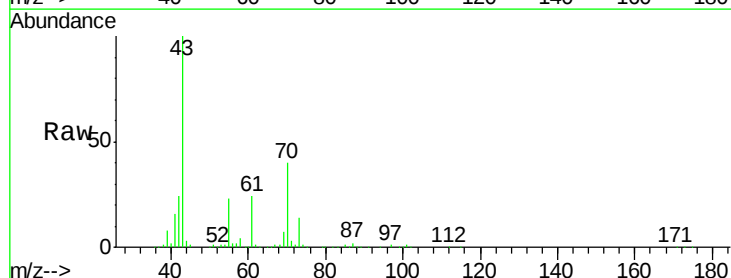
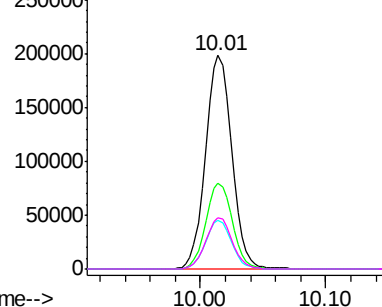
61 23.9 18.7 28.1

Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.91 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 210911

Ion Ratio Lower Upper

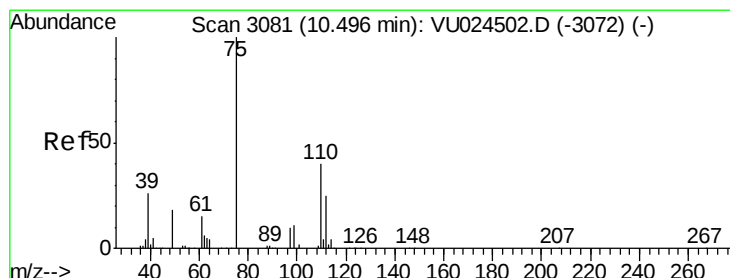
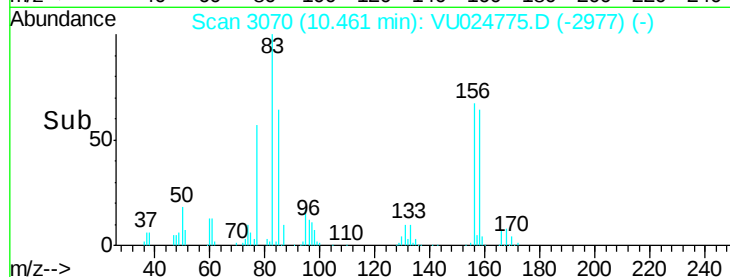
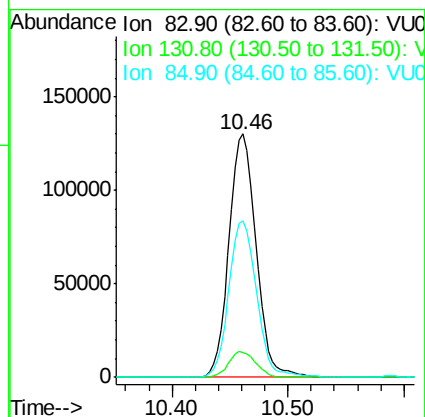
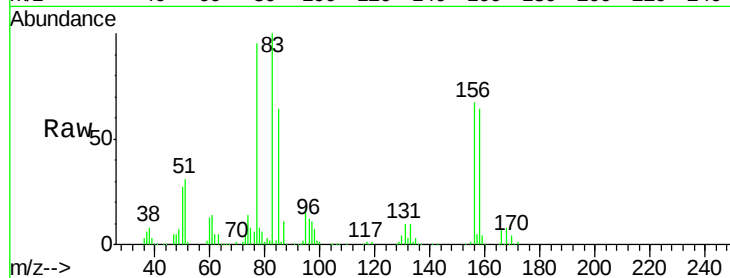
83 100

131 10.5 4.7 14.1

85 65.8 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 49.92 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024775.D

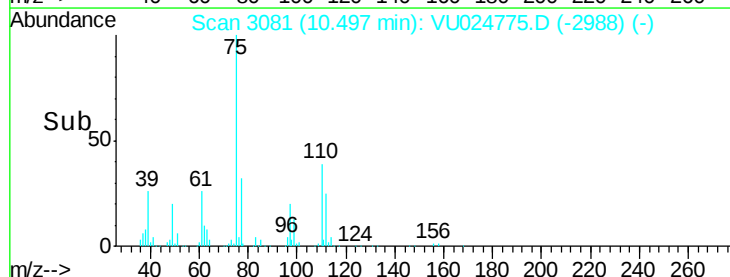
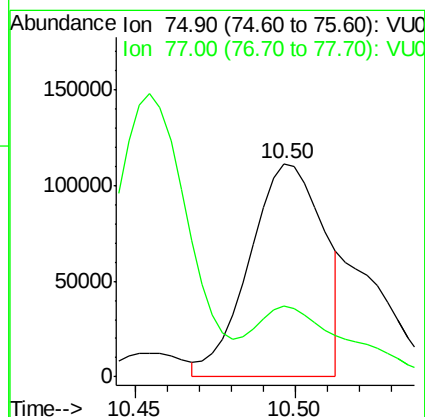
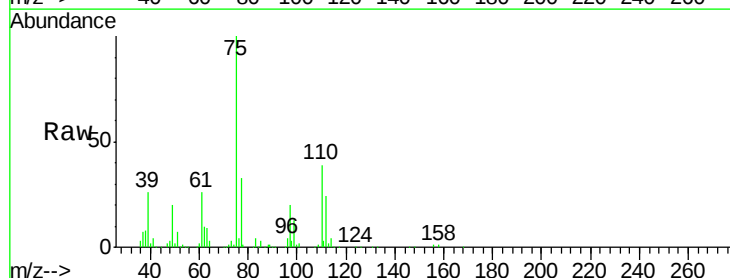
Acq: 20 Jun 2018 22:47

Tgt Ion: 75 Resp: 180506

Ion Ratio Lower Upper

75 100

77 42.6 20.9 62.7





#77

Bromobenzene

Concen: 49.61 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

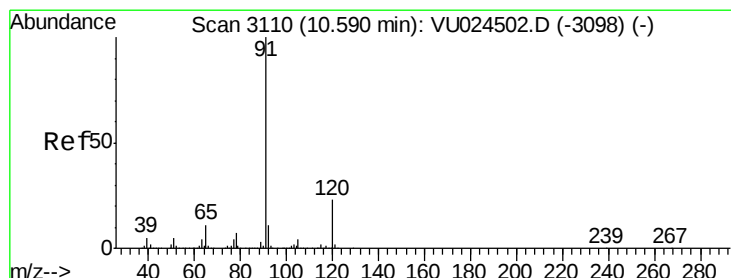
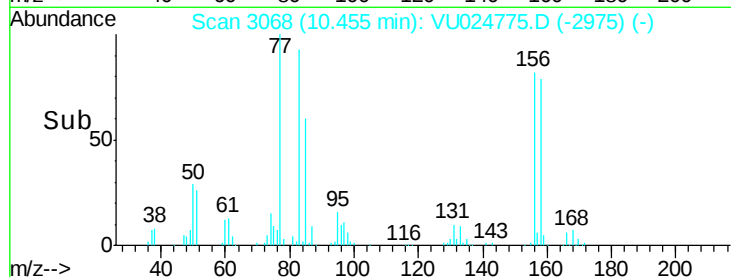
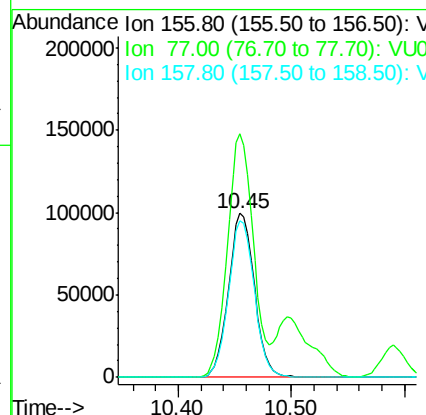
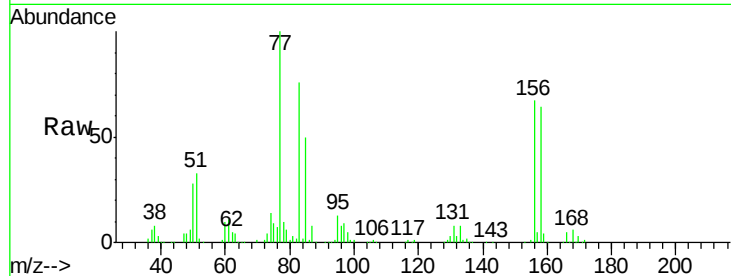
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		158371		
77	148.9	80.5	241.3		
158	95.6	48.2	144.6		

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#78

n-propylbenzene

Concen: 47.09 ug/l

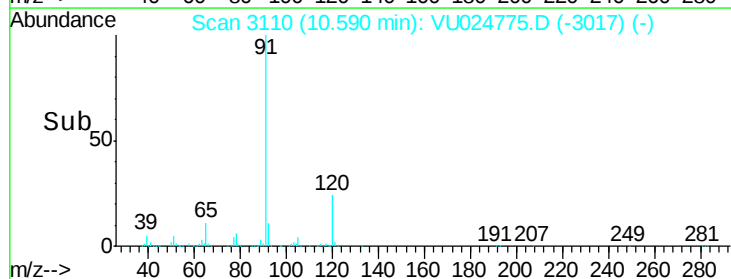
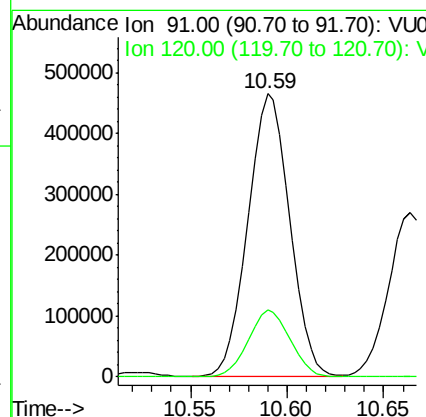
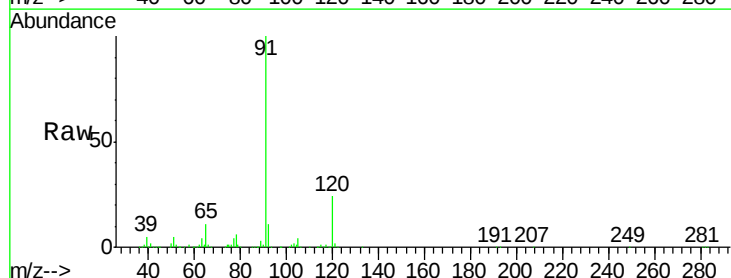
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		699432		
120	23.7	11.2	33.5		





#79

2-Chlorotoluene

Concen: 47.81 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 418767

Ion Ratio Lower Upper

91 100

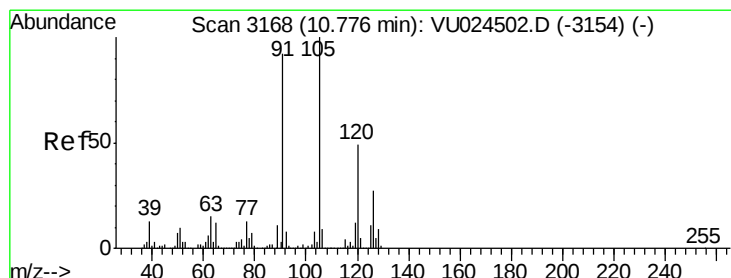
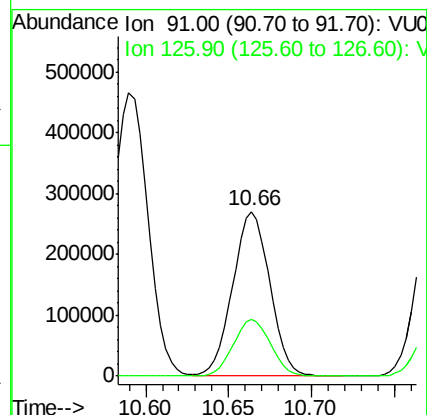
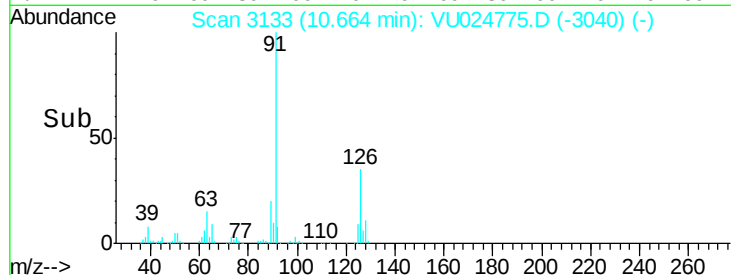
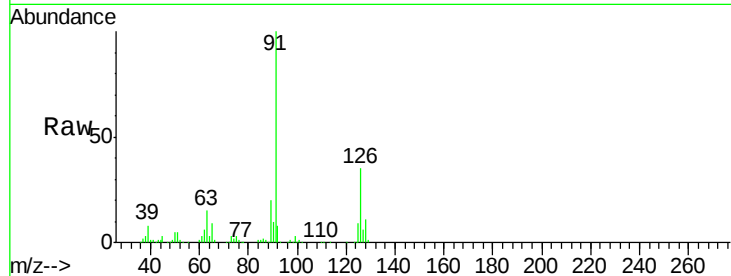
126 34.8 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 48.77 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024775.D

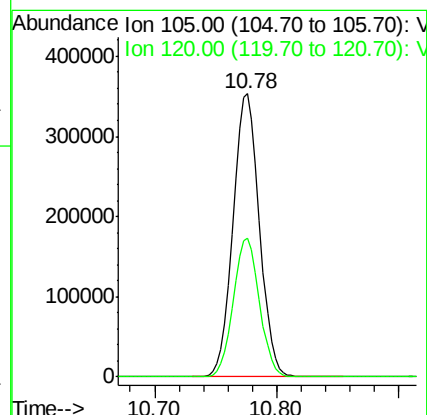
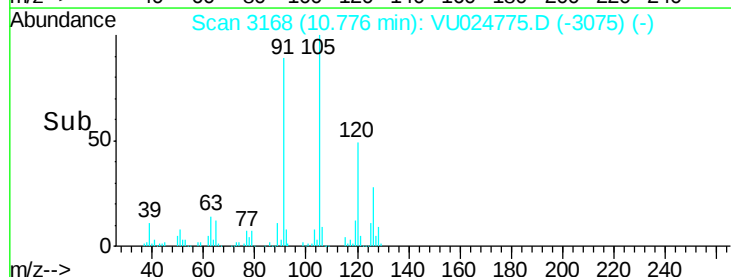
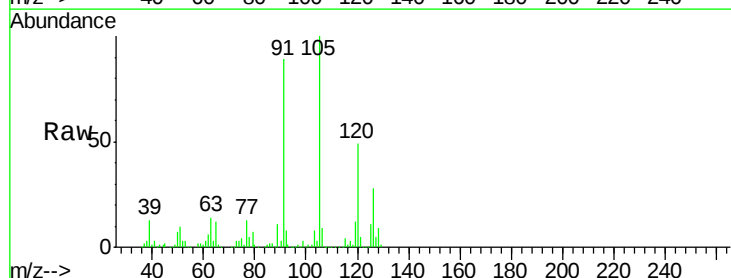
Acq: 20 Jun 2018 22:47

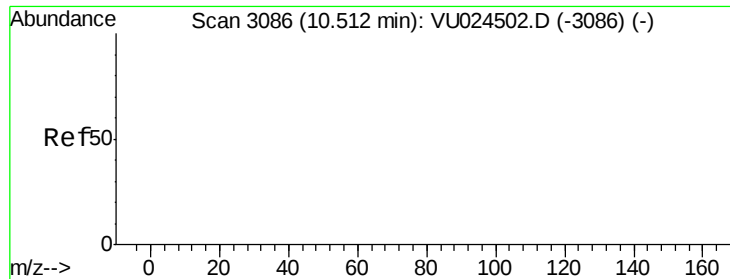
Tgt Ion: 105 Resp: 533008

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2





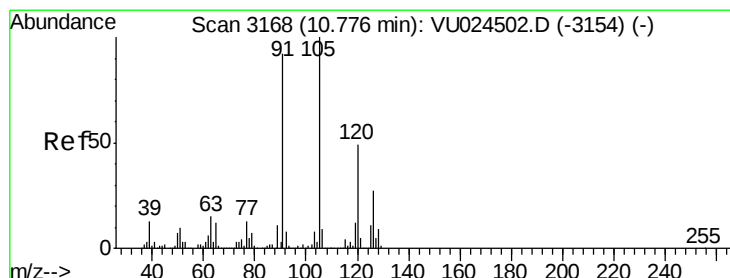
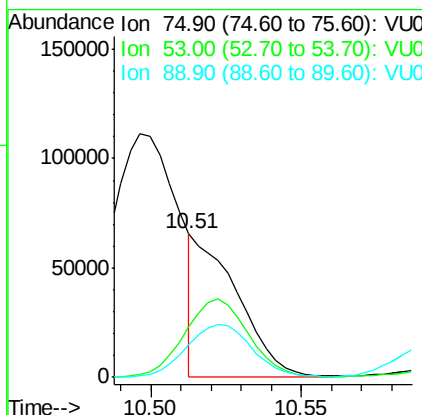
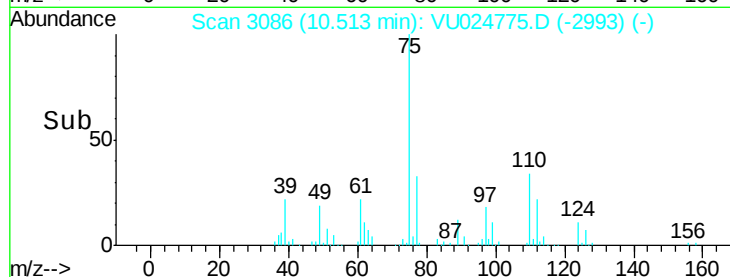
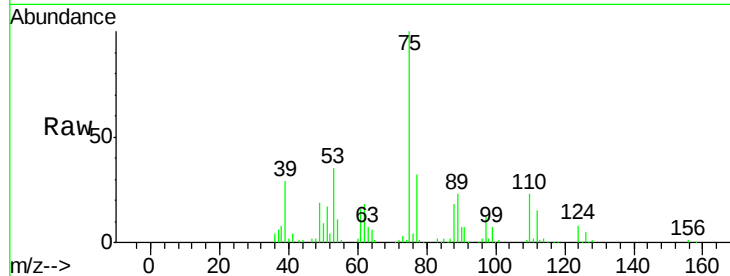
#81
trans-1,4-Dichloro-2-butene
Concen: 41.71 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

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

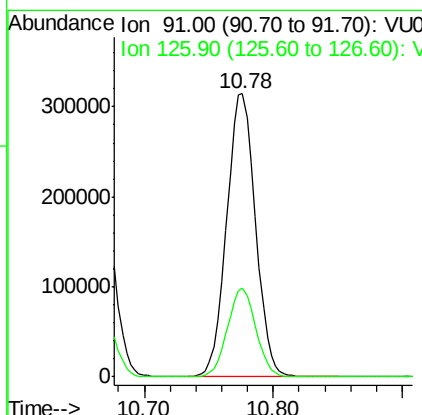
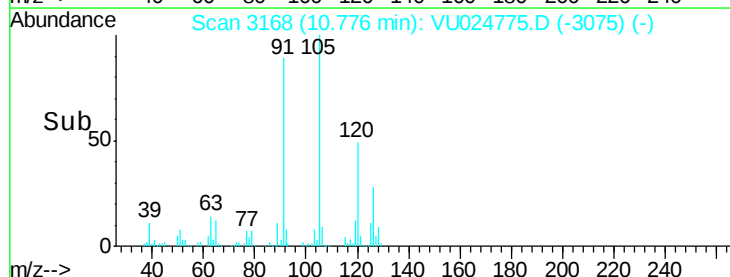
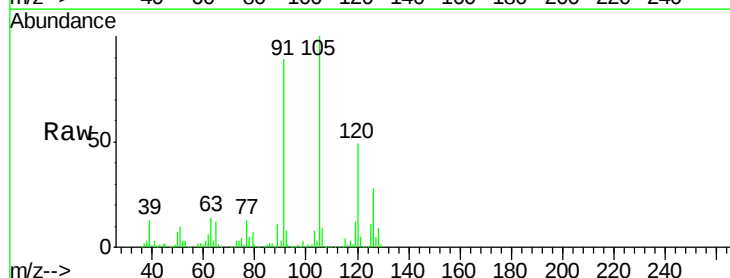
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#82
4-Chlorotoluene
Concen: 47.74 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	14.9	44.9





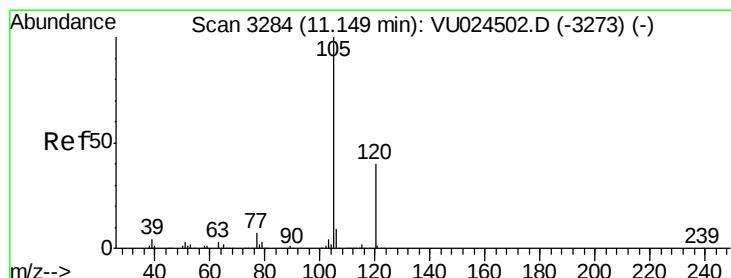
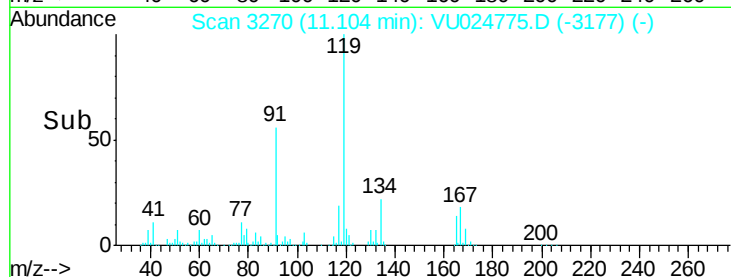
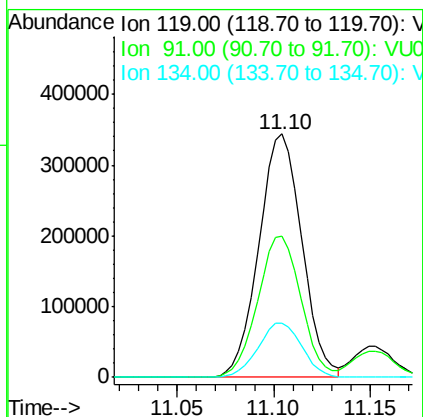
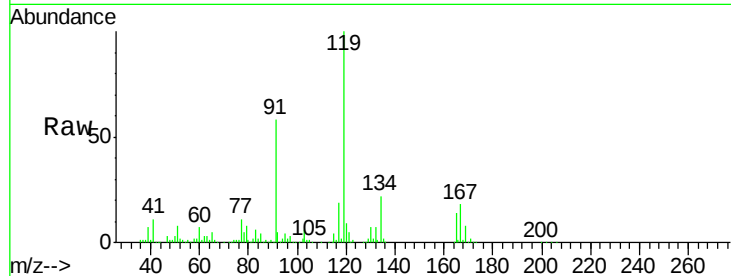
#83
 tert-Butylbenzene
 Concen: 50.67 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.7	89.1
134	22.8	11.6	34.7

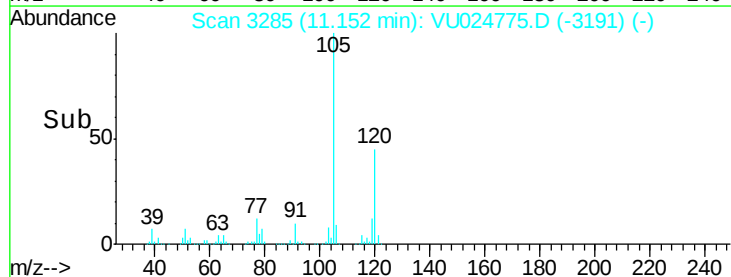
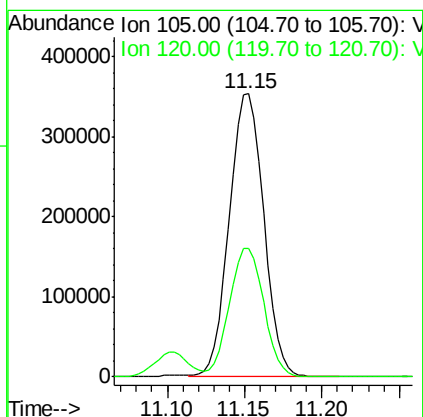
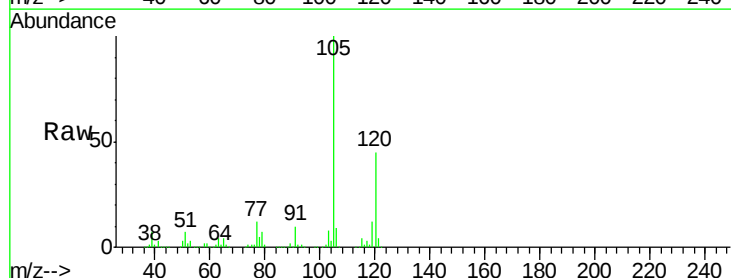
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.05 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.8





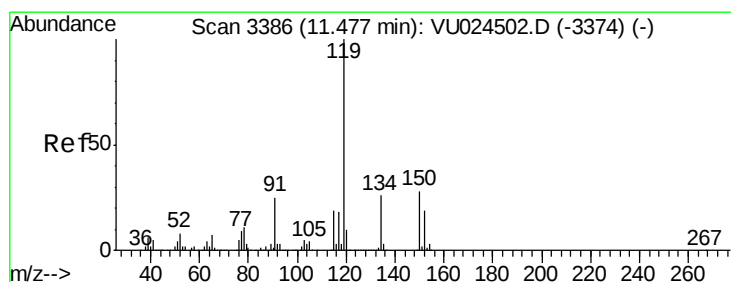
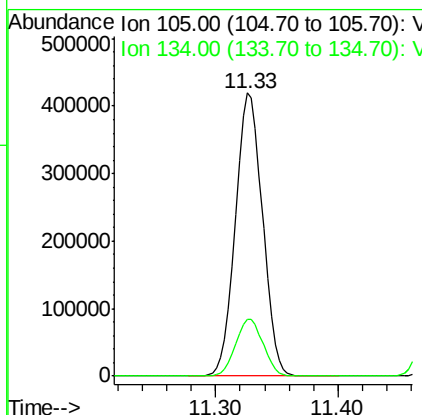
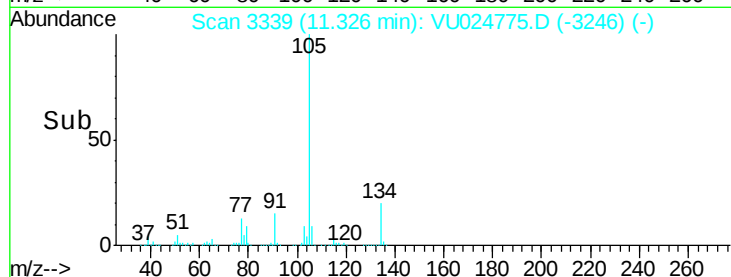
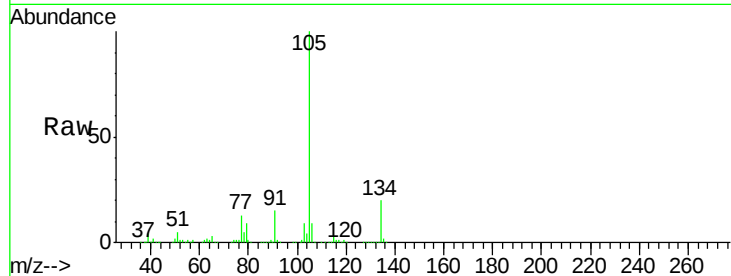
#85
 sec-Butylbenzene
 Concen: 49.06 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	9.7	29.1

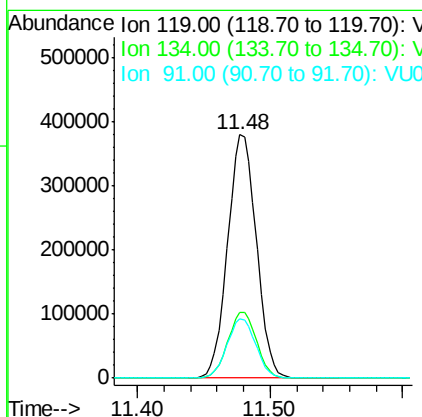
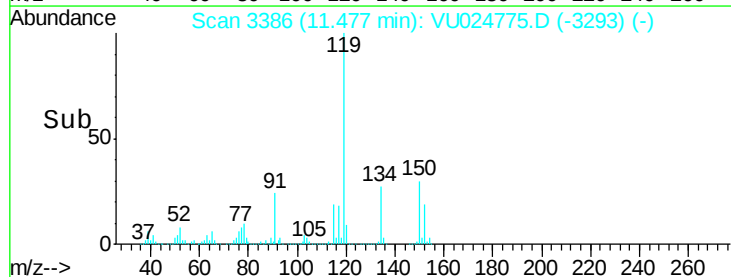
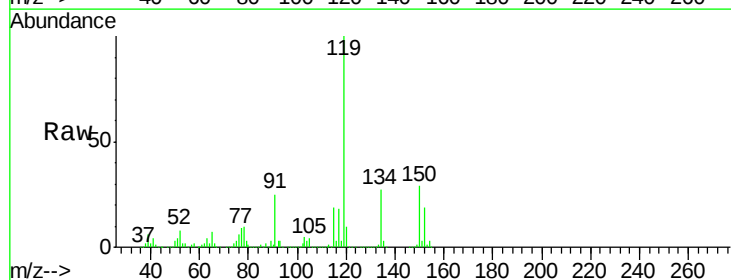
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#86
 p-Isopropyltoluene
 Concen: 48.33 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	12.9	38.6
91	24.5	12.0	36.1





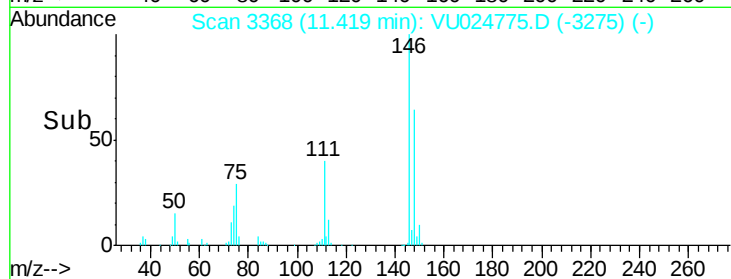
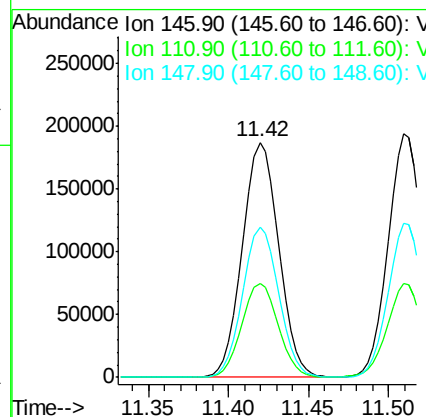
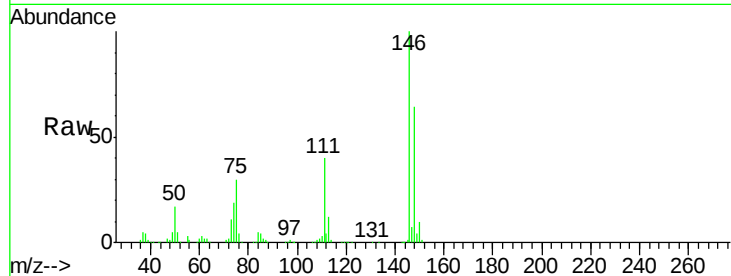
#87
 1,3-Dichlorobenzene
 Concen: 49.16 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	289959		
111	40.1	20.0	60.0	
148	63.4	32.1	96.5	

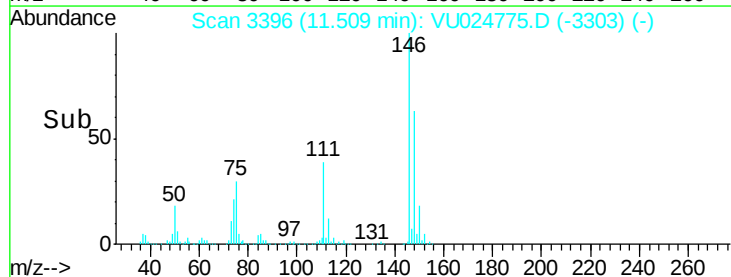
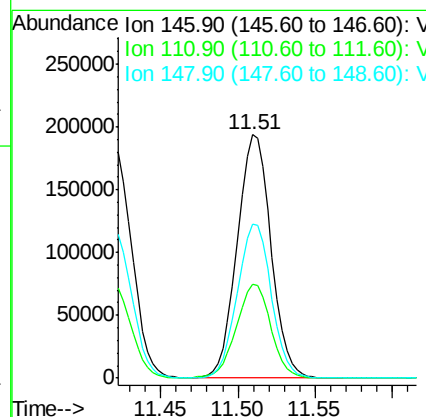
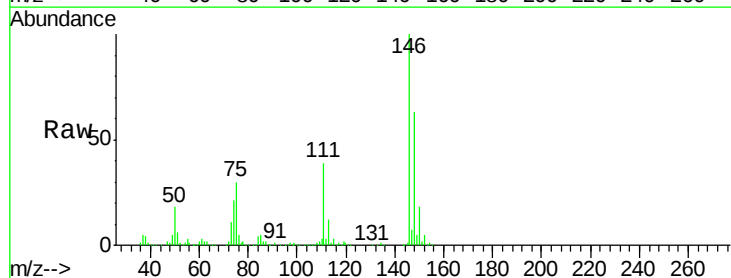
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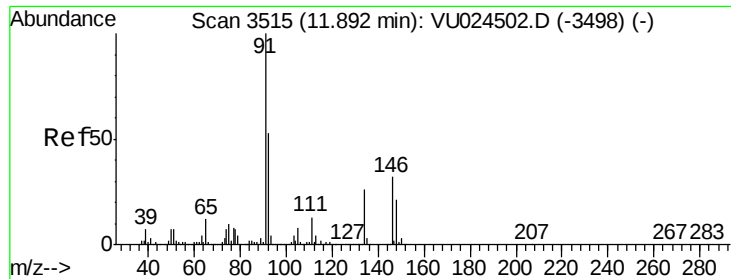
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#88
 1,4-Dichlorobenzene
 Concen: 49.45 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	293579		
111	39.4	19.5	58.5	
148	63.9	32.4	97.0	





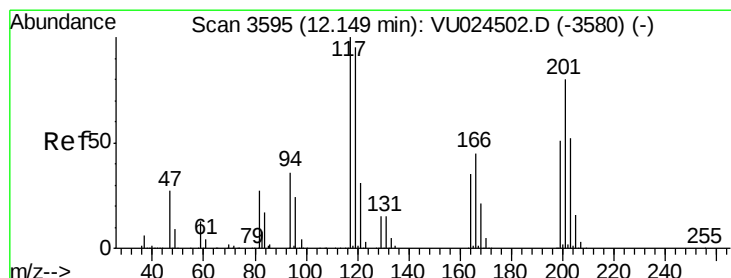
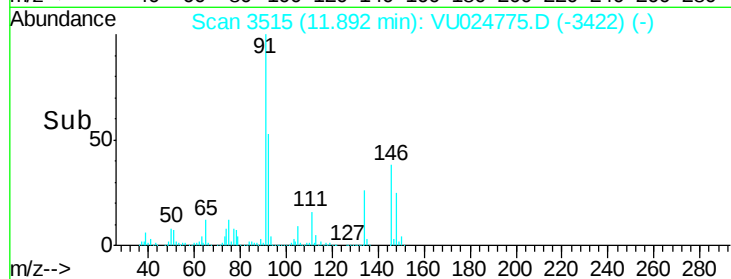
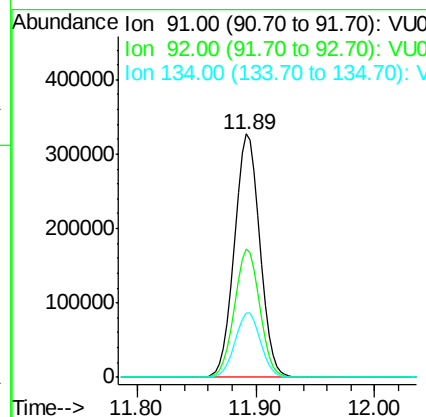
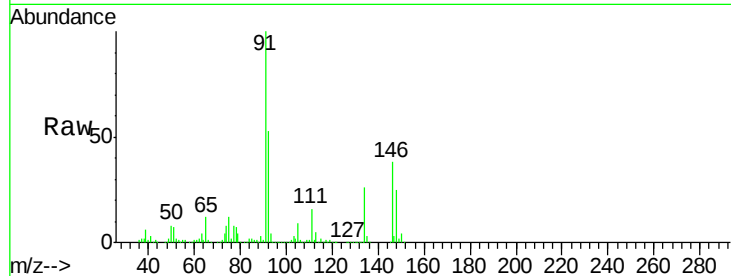
#89
n-Butylbenzene
Concen: 46.20 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.6	76.8
134	26.6	12.3	36.8

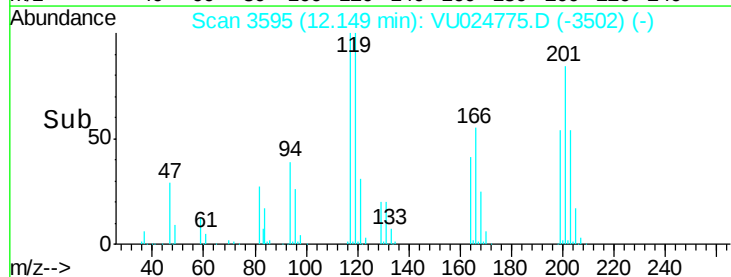
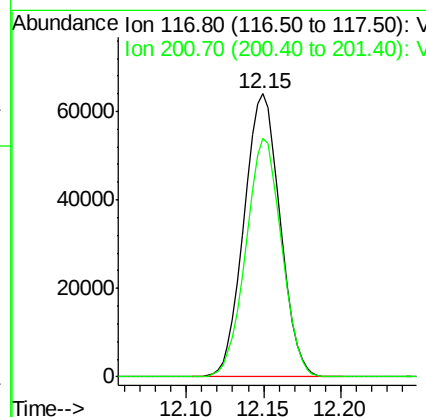
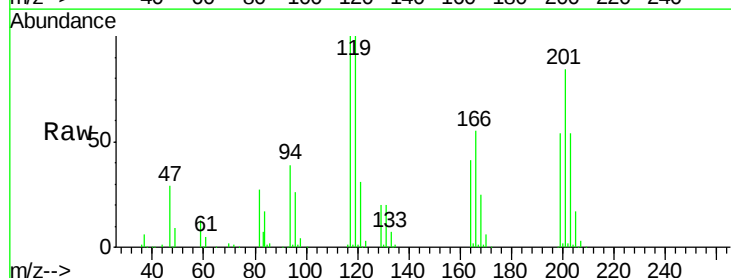
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#90
Hexachloroethane
Concen: 45.27 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.4	41.1	123.3





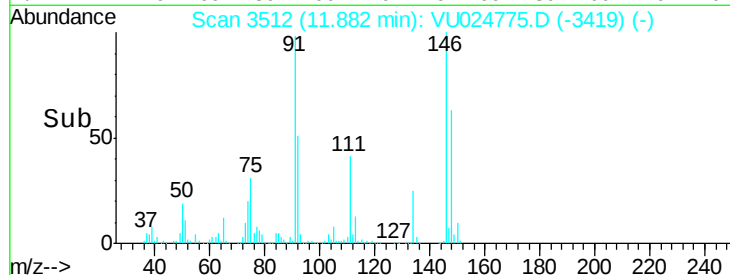
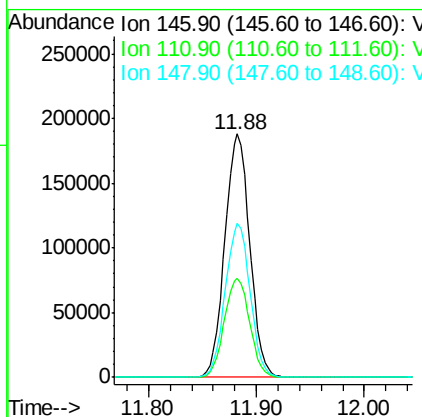
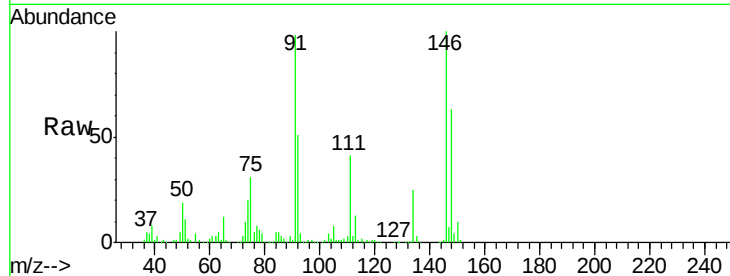
#91
 1,2-Dichlorobenzene
 Concen: 51.22 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.6
148	62.9	31.9	95.7

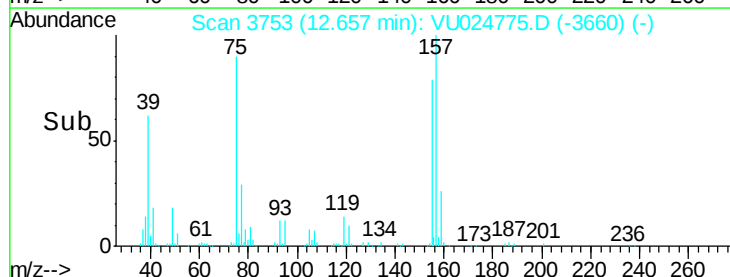
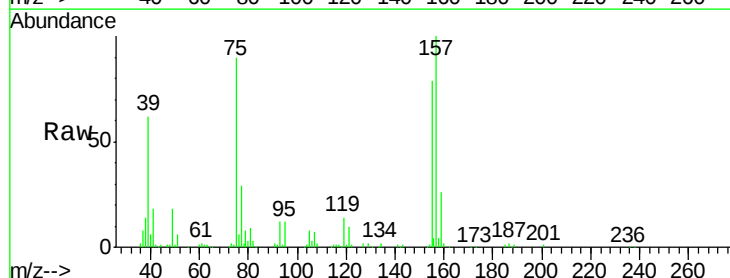
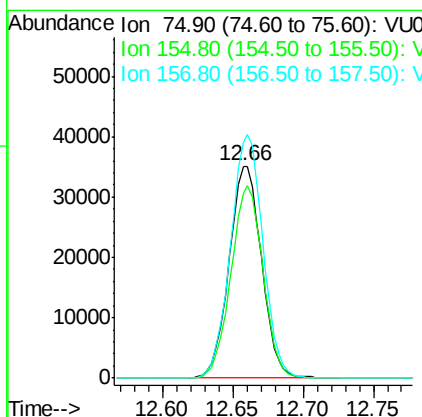
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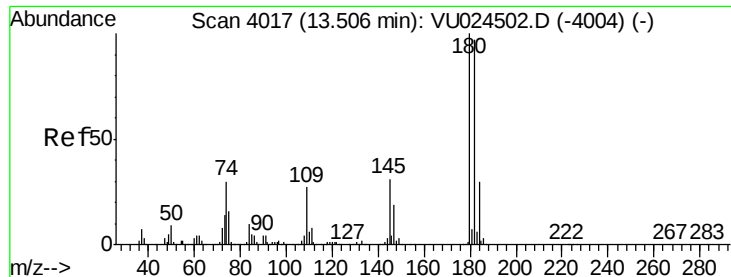
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.53 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU024775.D
 Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.4	40.4	121.2
157	114.3	52.3	156.8





#93

1,2,4-Trichlorobenzene

Concen: 54.69 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Instrument :

MSVOA_U

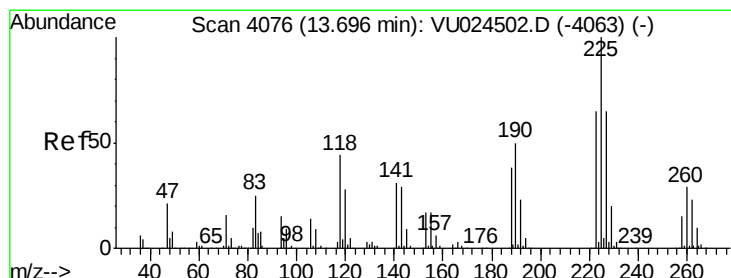
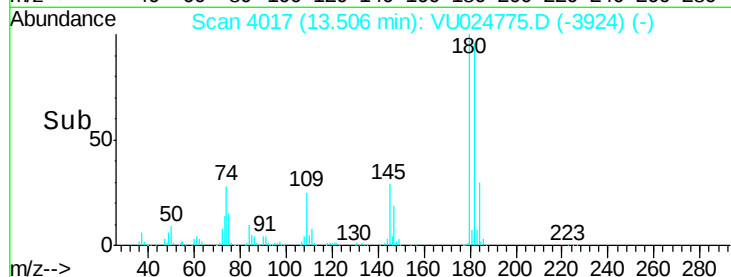
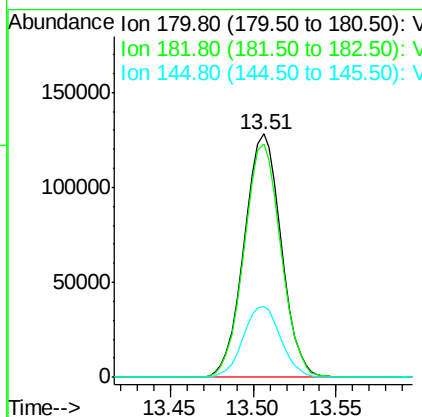
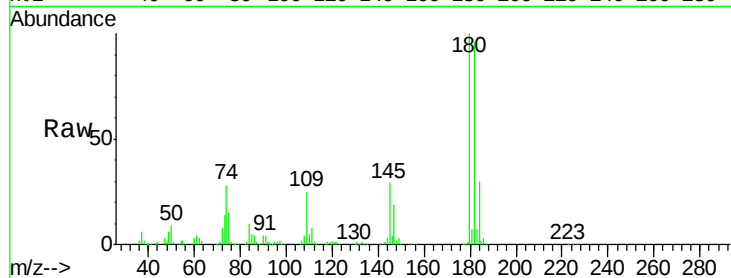
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	199514
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.0	144.2
145	29.8	14.7	44.1

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#94

Hexachlorobutadiene

Concen: 49.16 ug/l

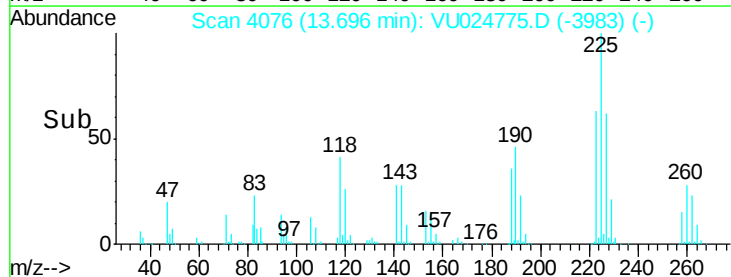
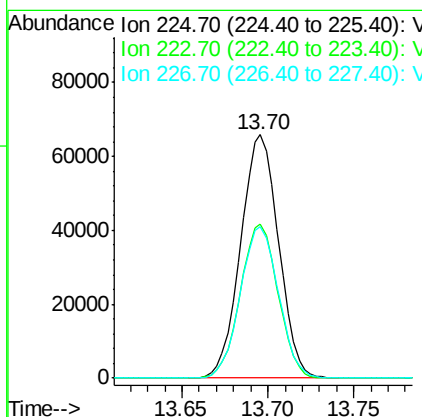
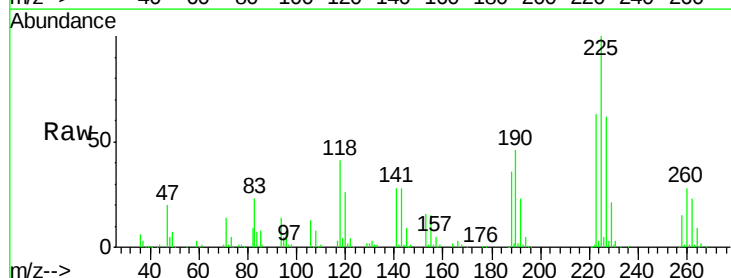
RT: 13.70 min Scan# 4076

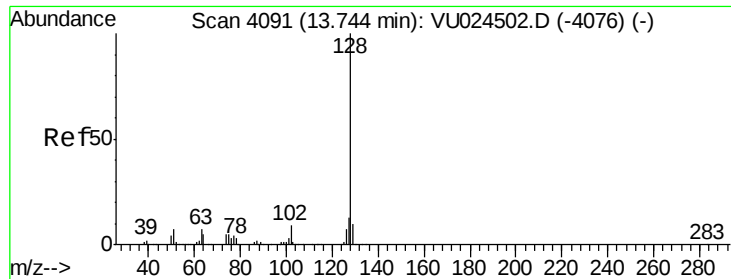
Delta R.T. 0.00 min

Lab File: VU024775.D

Acq: 20 Jun 2018 22:47

Tgt Ion:	225	Resp:	100938
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.3	93.8
227	63.0	31.8	95.4





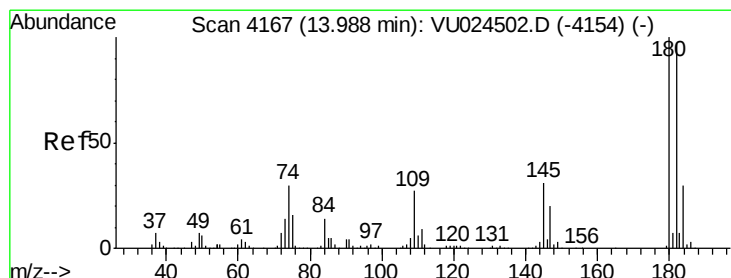
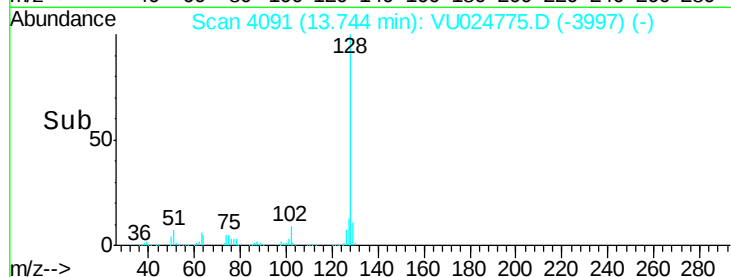
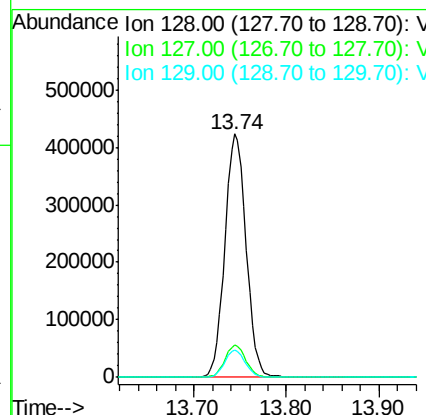
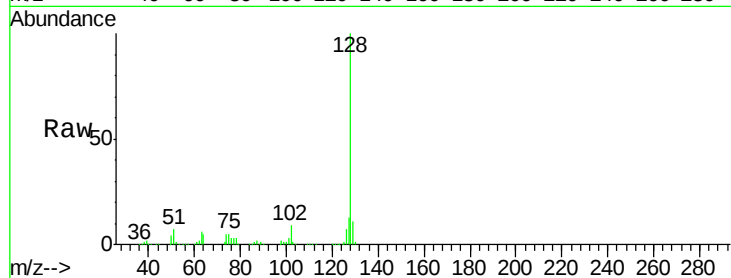
#95
Naphthalene
Concen: 55.60 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.7	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 57.63 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. 0.00 min
Lab File: VU024775.D
Acq: 20 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.7
145	31.4	15.4	46.1

