

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024800.D
 Acq On : 21 Jun 2018 10:25
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/22/2018 4:01:52 PM

Quant Time: Jun 21 15:27:42 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	180567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	267236	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	255554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	128385	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
35) Dibromofluoromethane	4.89	113	103790	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	7.57	98	375650	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
62) 4-Bromofluorobenzene	10.31	95	150874	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	88758	39.27	ug/l	100
3) Chloromethane	1.33	50	96350	41.73	ug/l	100
4) Vinyl Chloride	1.40	62	104036	43.69	ug/l	99
5) Bromomethane	1.62	94	66592	57.85	ug/l	100
6) Chloroethane	1.70	64	65239	49.01	ug/l	98
7) Trichlorofluoromethane	1.89	101	171919	47.31	ug/l	99
8) Diethyl Ether	2.10	74	62284	50.38	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	99641	44.20	ug/l	97
10) Methyl Iodide	2.41	142	91846	48.33	ug/l	99
11) Tert butyl alcohol	2.82	59	130689	182.29	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92967	45.22	ug/l	90
13) Acrolein	2.19	56	129843	344.89	ug/l	98
14) Allyl chloride	2.59	41	174417	45.69	ug/l	93
15) Acrylonitrile	2.93	53	301976	216.49	ug/l	99
16) Acetone	2.32	43	372368	235.10	ug/l	98
17) Carbon Disulfide	2.48	76	272768	41.43	ug/l	99
18) Methyl Acetate	2.62	43	153161	45.11	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	346444	44.83	ug/l	97
20) Methylene Chloride	2.70	84	105932	42.63	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	102561	45.29	ug/l	96
22) Diisopropyl ether	3.57	45	349623	46.20	ug/l	96
23) Vinyl Acetate	3.53	43	1517038	223.79	ug/l	99
24) 1,1-Dichloroethane	3.45	63	193963	44.55	ug/l	98
25) 2-Butanone	4.26	43	483118	227.09	ug/l	96
26) 2,2-Dichloropropane	4.23	77	186578	45.13	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	120009	46.10	ug/l	99
28) Bromochloromethane	4.55	49	85598	44.64	ug/l	86
29) Tetrahydrofuran	4.63	42	282286	214.26	ug/l	97
30) Chloroform	4.68	83	207002	46.98	ug/l	99
31) Cyclohexane	5.00	56	186501	48.17	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	188956	46.37	ug/l	96
36) 1,1-Dichloropropene	5.14	75	151157	48.14	ug/l	97
37) Ethyl Acetate	4.38	43	167611	48.97	ug/l	98
38) Carbon Tetrachloride	5.14	117	170052	49.24	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024800.D
 Acq On : 21 Jun 2018 10:25
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/22/2018 4:01:52 PM

Quant Time: Jun 21 15:27:42 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)
39) Methylcyclohexane	6.42	83	198606	50.68	ug/l	95
40) Benzene	5.39	78	444831	49.71	ug/l	99
41) Methacrylonitrile	4.54	41	93208	50.51	ug/l	98
42) 1,2-Dichloroethane	5.41	62	174366	51.16	ug/l	100
43) Isopropyl Acetate	5.55	43	272790	46.11	ug/l	99
44) Trichloroethene	6.19	130	123322	48.43	ug/l	96
45) 1,2-Dichloropropane	6.44	63	119030	49.86	ug/l	97
46) Dibromomethane	6.56	93	85683	51.09	ug/l	96
47) Bromodichloromethane	6.76	83	162076	48.53	ug/l	99
48) Methyl methacrylate	6.62	41	137814	47.84	ug/l	97
49) 1,4-Dioxane	6.62	88	61088	1084.31	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	867762	233.47	ug/l	98
52) Toluene	7.64	92	288460	50.11	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	183983	49.06	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	193263	48.36	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	117952	50.41	ug/l	98
56) Ethyl methacrylate	8.02	69	185360	47.33	ug/l	99
57) 1,3-Dichloropropane	8.25	76	199678	50.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	383167	255.36	ug/l	96
59) 2-Hexanone	8.36	43	715673	235.85	ug/l	99
60) Dibromochloromethane	8.48	129	137253	47.04	ug/l	99
61) 1,2-Dibromoethane	8.59	107	129124	49.58	ug/l	98
64) Tetrachloroethene	8.23	164	114423	47.10	ug/l	97
65) Chlorobenzene	9.12	112	331718	50.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	122657	49.45	ug/l	97
67) Ethyl Benzene	9.25	91	571176	49.91	ug/l	97
68) m/p-Xylenes	9.38	106	454661	103.45	ug/l	96
69) o-Xylene	9.78	106	219858	50.55	ug/l	95
70) Styrene	9.80	104	355135	49.69	ug/l	99
71) Bromoform	9.96	173	108797	46.15	ug/l #	98
73) Isopropylbenzene	10.17	105	596906	48.85	ug/l	98
74) N-amyl acetate	10.01	43	258699	44.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	190654	46.56	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	163387m	46.63	ug/l	
77) Bromobenzene	10.45	156	151435	48.95	ug/l	95
78) n-propylbenzene	10.59	91	696775	48.41	ug/l	97
79) 2-Chlorotoluene	10.66	91	411330	48.46	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	523652	49.44	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	62879m	41.53	ug/l	
82) 4-Chlorotoluene	10.78	91	480993	48.69	ug/l	100
83) tert-Butylbenzene	11.10	119	516552	50.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	535674	49.63	ug/l	99
85) sec-Butylbenzene	11.33	105	635149	49.81	ug/l	97
86) p-Isopropyltoluene	11.48	119	570627	49.96	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	284072	49.71	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	288245	50.11	ug/l	99
89) n-Butylbenzene	11.89	91	504198	49.73	ug/l	98
90) Hexachloroethane	12.15	117	98841	44.36	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	286358	50.02	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50745	44.91	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062118\
Data File : VU024800.D
Acq On : 21 Jun 2018 10:25
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

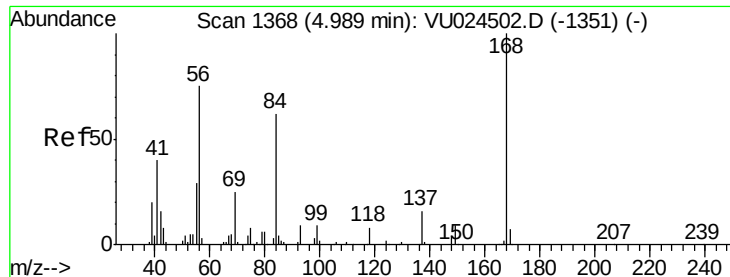
Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM

Quant Time: Jun 21 15:27:42 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.51	180	209081	59.15	ug/l	100
94) Hexachlorobutadiene	13.70	225	108120	54.34	ug/l	99
95) Naphthalene	13.74	128	646464	55.17	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	213682	60.66	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: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 180567

Ion Ratio Lower Upper

168 100

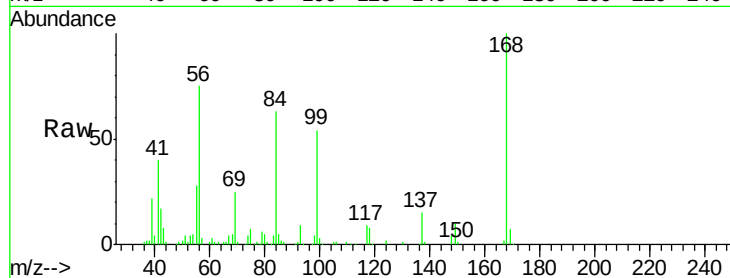
99 53.2 43.2 64.8

Manual Integrations

APPROVED

apatel

6/22/2018 4:01:52 PM



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

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

80000

60000

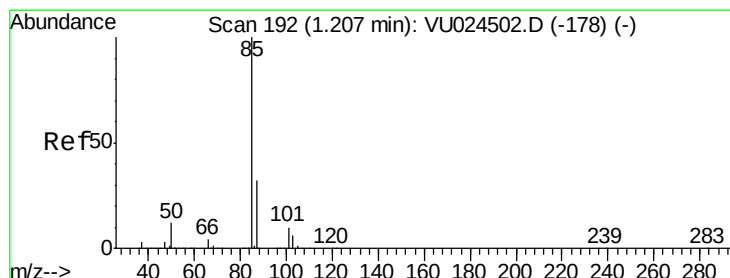
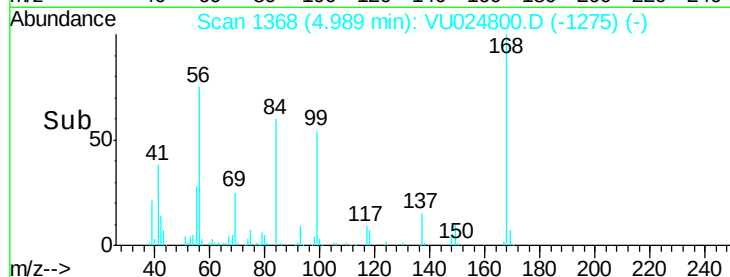
40000

20000

0

4.90 4.99 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 39.27 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024800.D

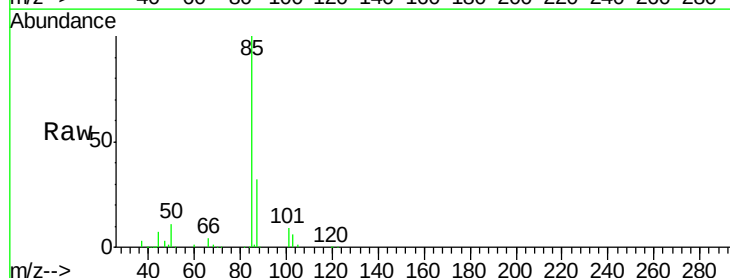
Acq: 21 Jun 2018 10:25

Tgt Ion: 85 Resp: 88758

Ion Ratio Lower Upper

85 100

87 32.2 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) (-)

100000

80000

60000

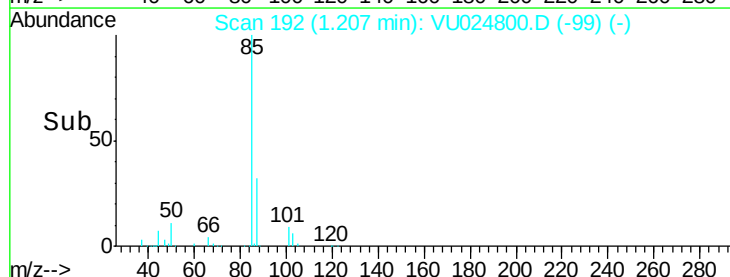
40000

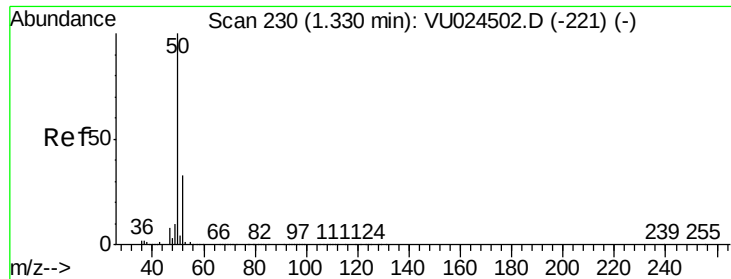
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 41.73 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 96350

Ion Ratio Lower Upper

50 100

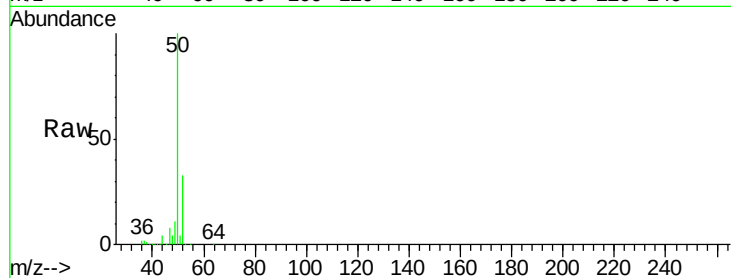
52 33.2 26.4 39.6

Manual Integrations

APPROVED

apatel

6/22/2018 4:01:52 PM



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

100000

80000

60000

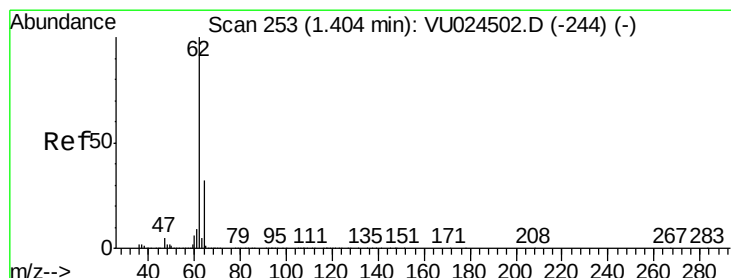
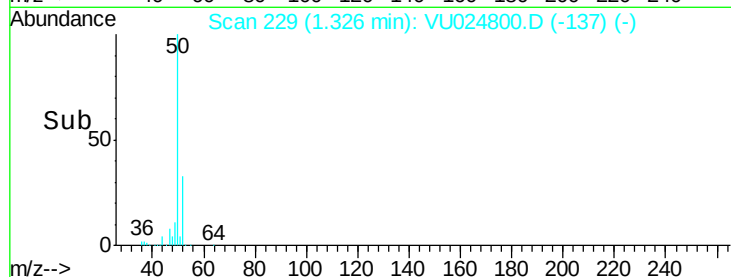
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 43.69 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024800.D

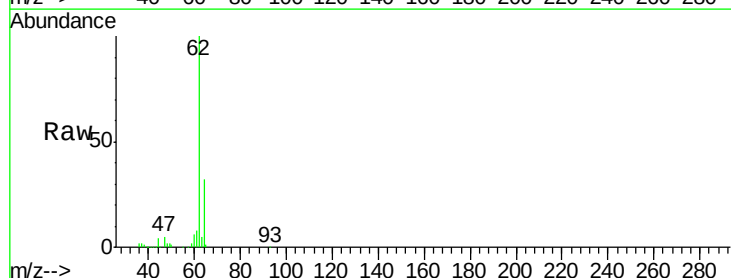
Acq: 21 Jun 2018 10:25

Tgt Ion: 62 Resp: 104036

Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

100000

80000

60000

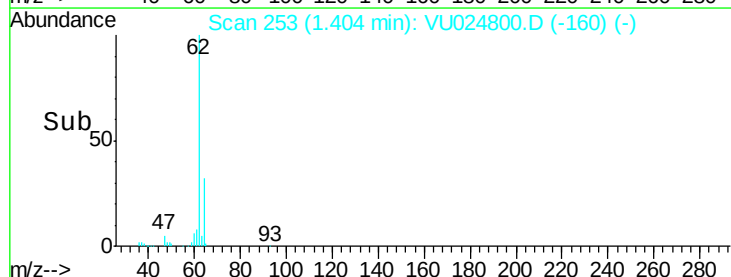
40000

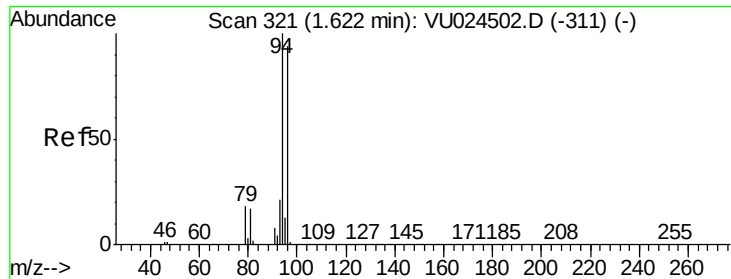
20000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 57.85 ug/l

RT: 1.62 min Scan# 321

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 66592

Ion Ratio Lower Upper

94 100

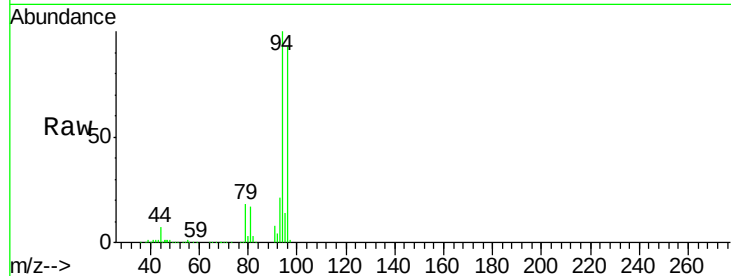
96 92.7 74.5 111.7

Manual Integrations

APPROVED

apatel

6/22/2018 4:01:52 PM



Abundance Ion 93.90 (93.60 to 94.60): VU024800.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VU024800.D (-228) (-)

60000

50000

40000

30000

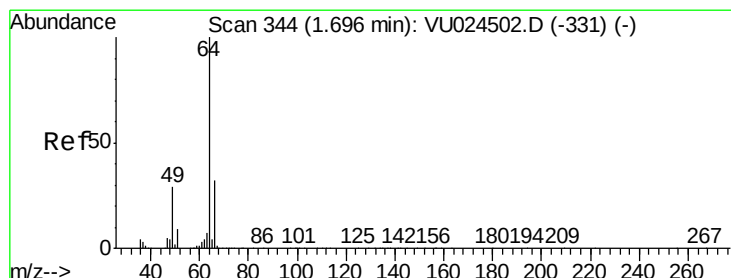
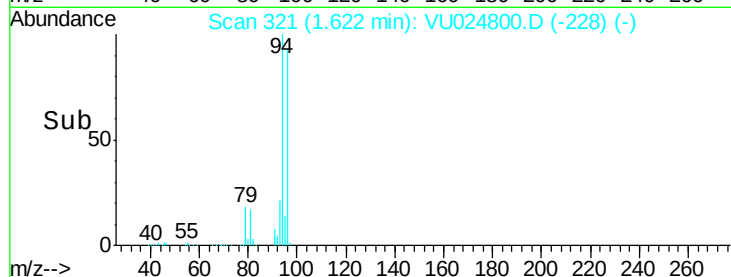
20000

10000

0

1.60 1.65

Time-->



#6

Chloroethane

Concen: 49.01 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024800.D

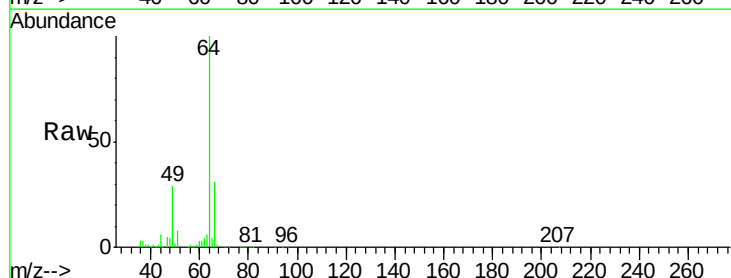
Acq: 21 Jun 2018 10:25

Tgt Ion: 64 Resp: 65239

Ion Ratio Lower Upper

64 100

66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU024800.D (-251) (-)

Ion 65.90 (65.60 to 66.60): VU024800.D (-251) (-)

60000

50000

40000

30000

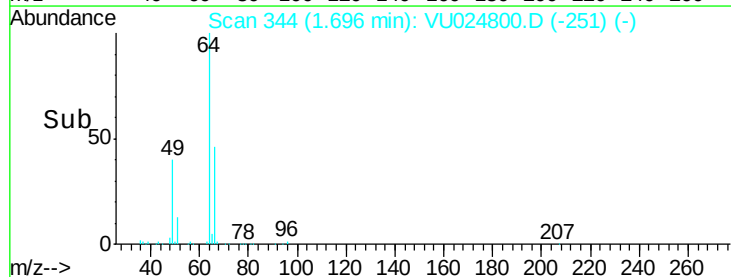
20000

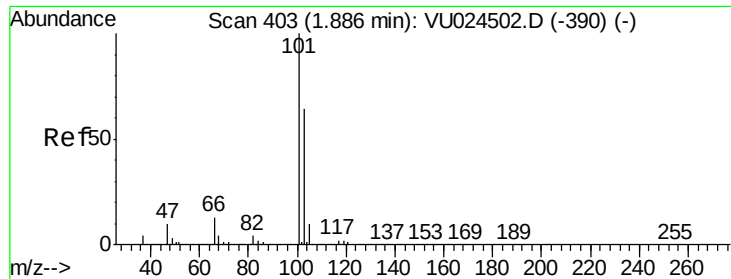
10000

0

1.65 1.70 1.75

Time-->





#7

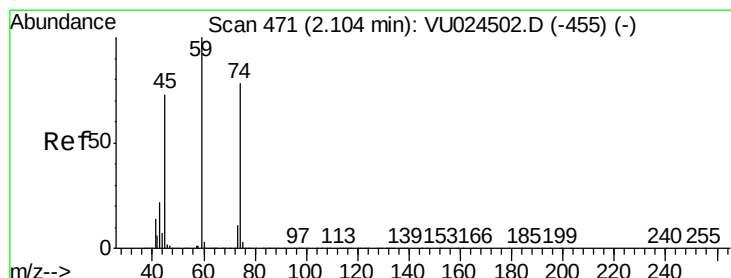
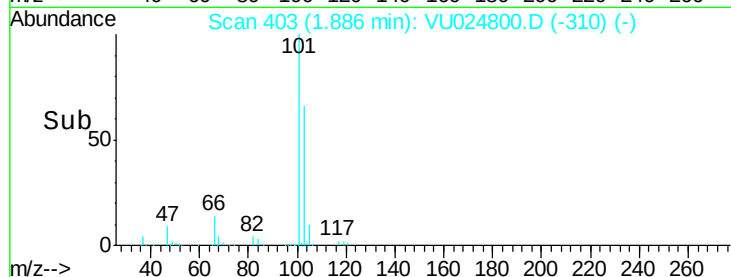
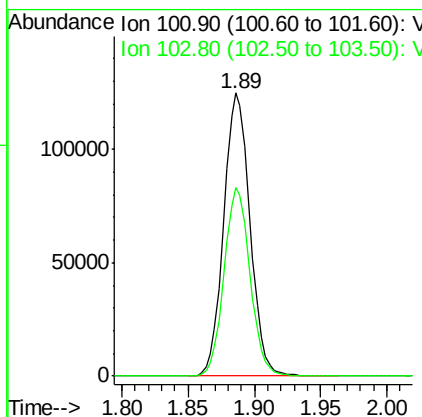
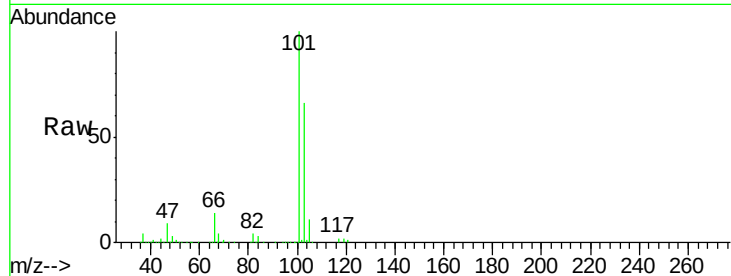
Trichlorofluoromethane
Concen: 47.31 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	52.3	78.5

Manual Integrations
APPROVED

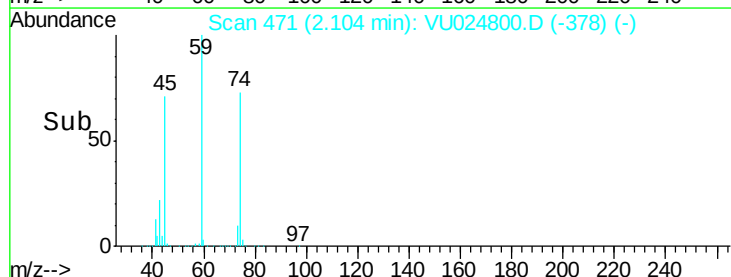
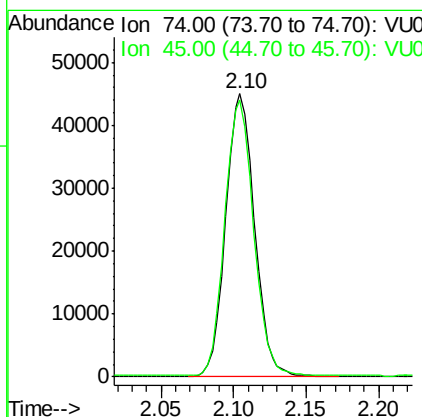
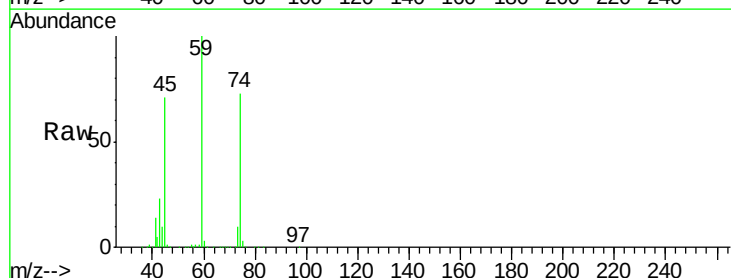
apatel
6/22/2018 4:01:52 PM

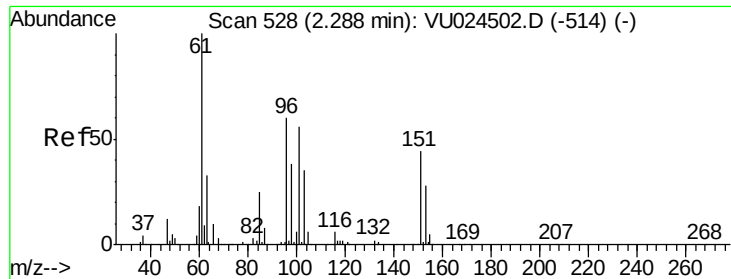


#8

Diethyl Ether
Concen: 50.38 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.20 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

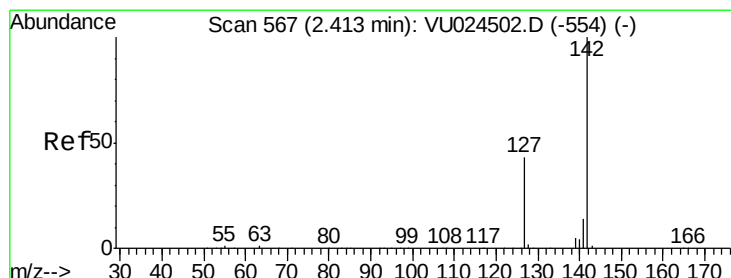
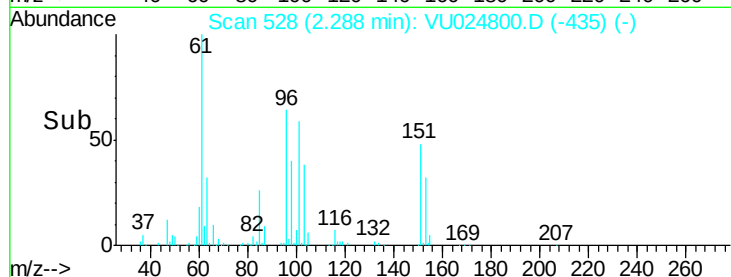
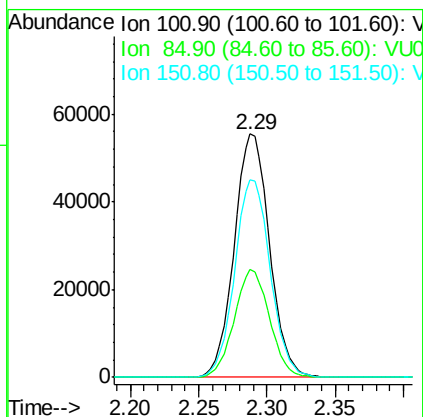
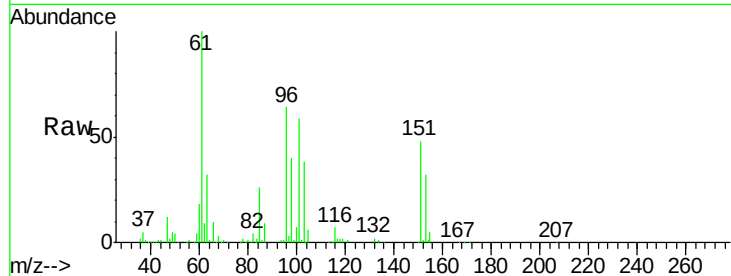
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	99641
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.0	54.0
151	82.0	62.3	93.5

Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM



#10

Methyl Iodide

Concen: 48.33 ug/l

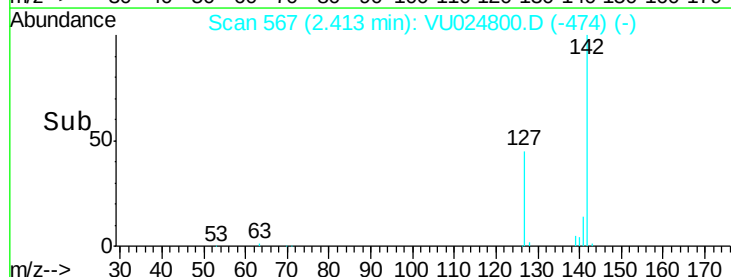
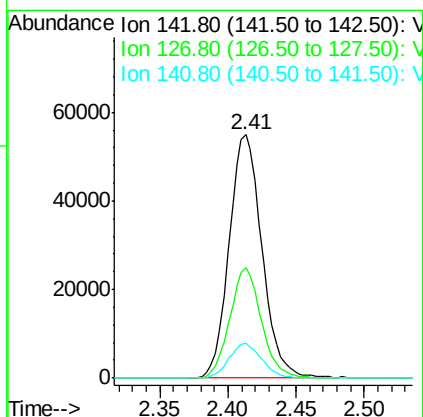
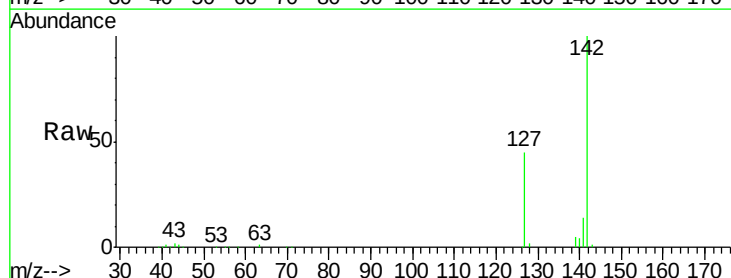
RT: 2.41 min Scan# 567

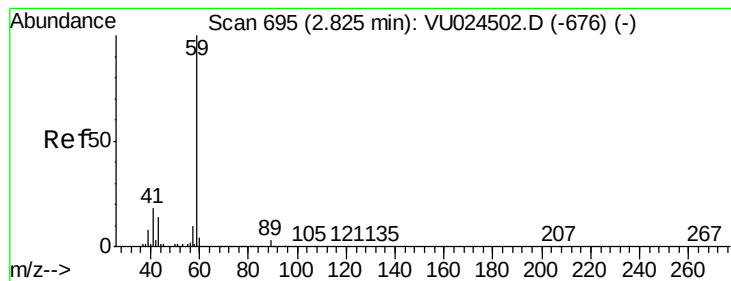
Delta R.T. 0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion:	142	Resp:	91846
Ion Ratio	Lower	Upper	
142	100		
127	43.6	35.6	53.4
141	14.3	11.7	17.5





#11

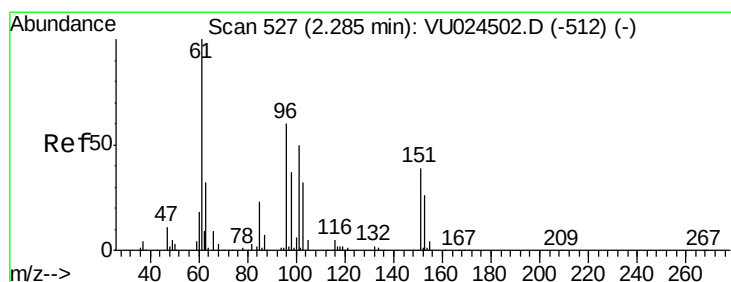
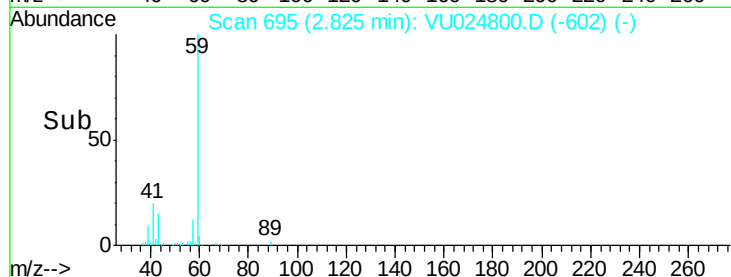
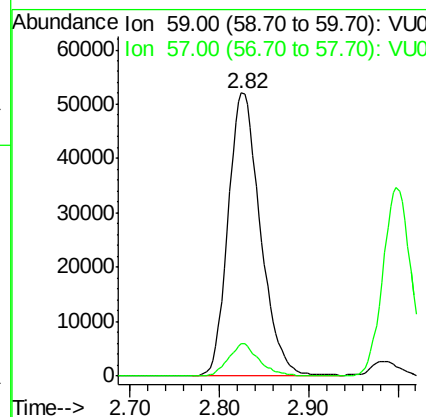
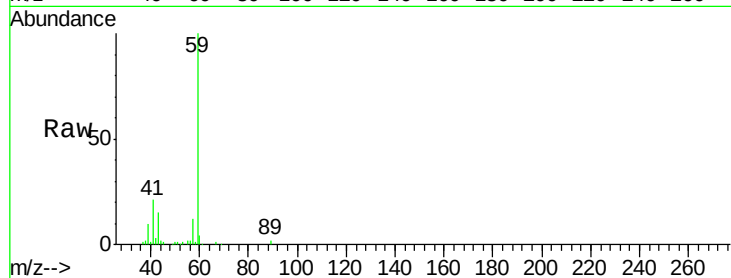
Tert butyl alcohol
 Concen: 182.29 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.5	12.7

Manual Integrations
 APPROVED

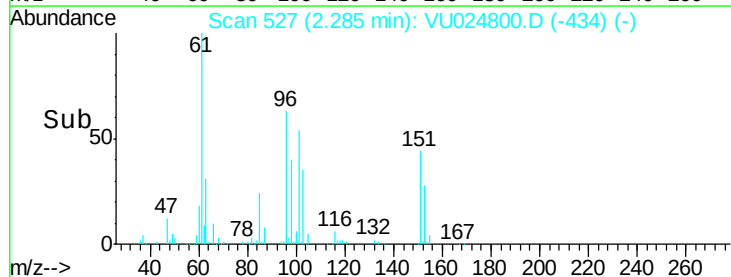
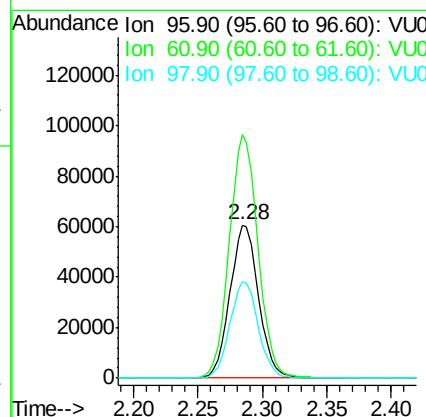
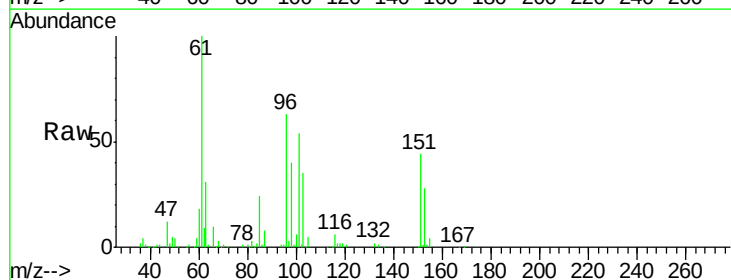
apatel
 6/22/2018 4:01:52 PM

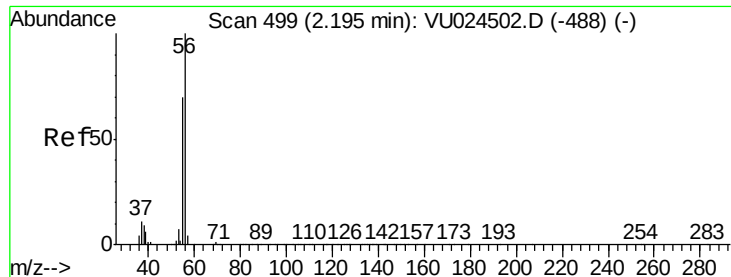


#12

1,1-Dichloroethene
 Concen: 45.22 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.0	141.7	212.5
98	62.9	51.6	77.4





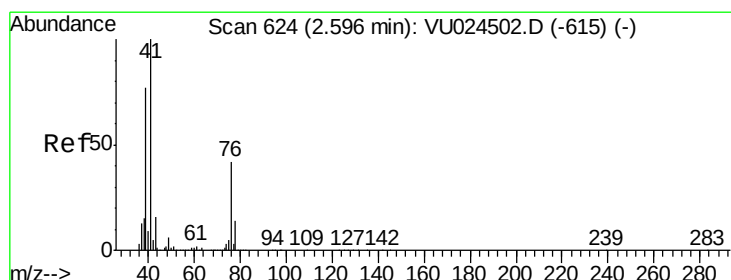
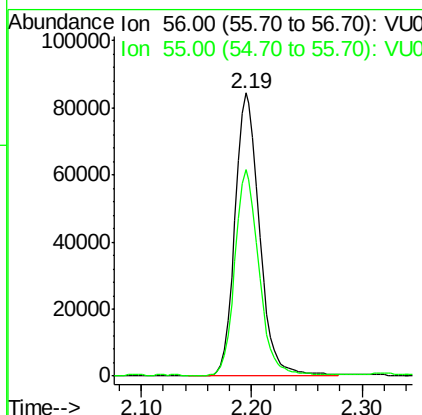
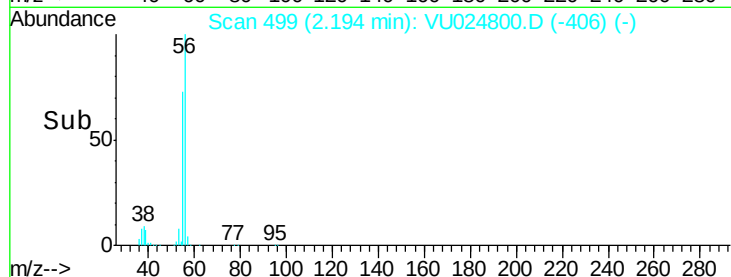
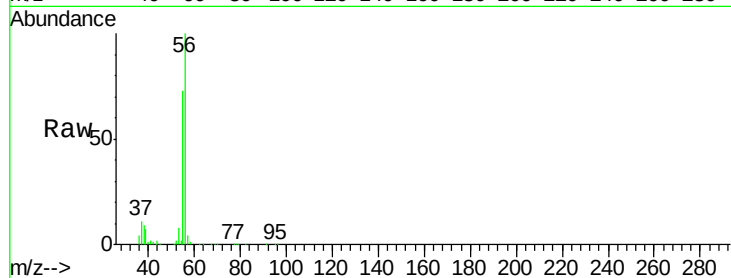
#13
 Acrolein
 Concen: 344.89 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.0	58.4	87.6

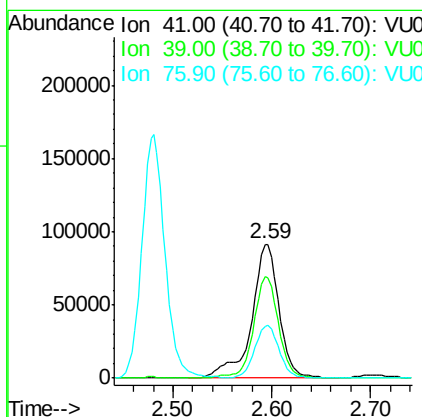
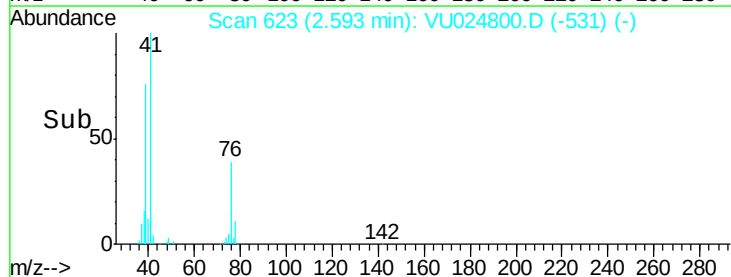
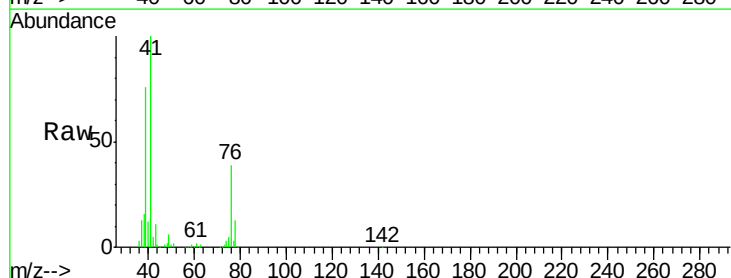
Manual Integrations
 APPROVED

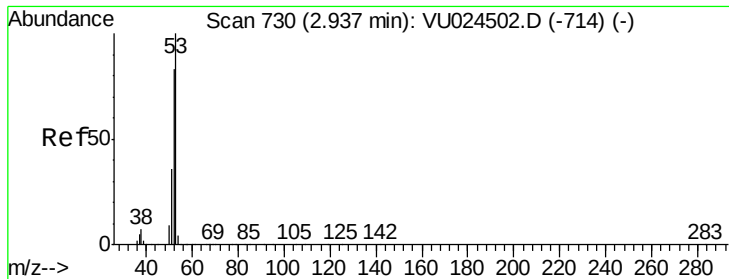
apatel
 6/22/2018 4:01:52 PM



#14
 Allyl chloride
 Concen: 45.69 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.4	61.6	92.4
76	34.9	29.7	44.5





#15

Acrylonitrile

Concen: 216.49 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

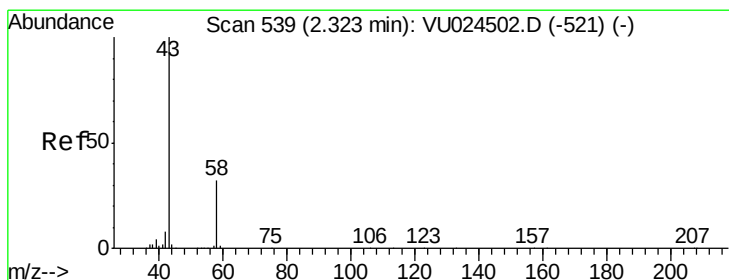
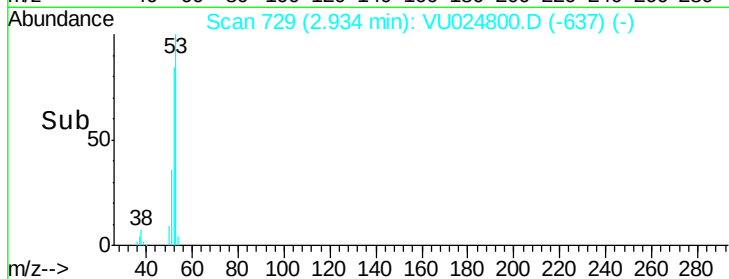
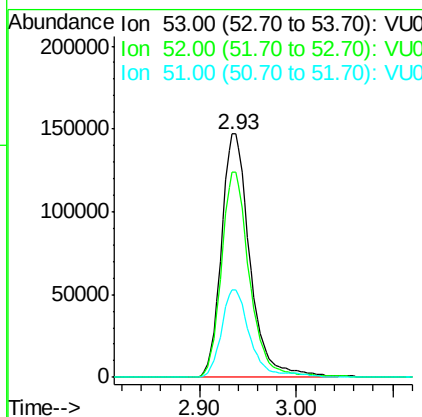
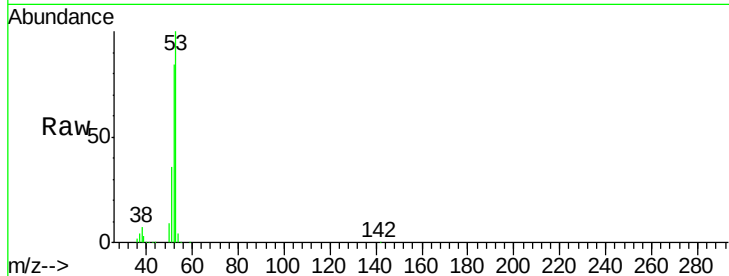
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	301976
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.1	100.7
51	36.3	28.4	42.6

Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM



#16

Acetone

Concen: 235.10 ug/l

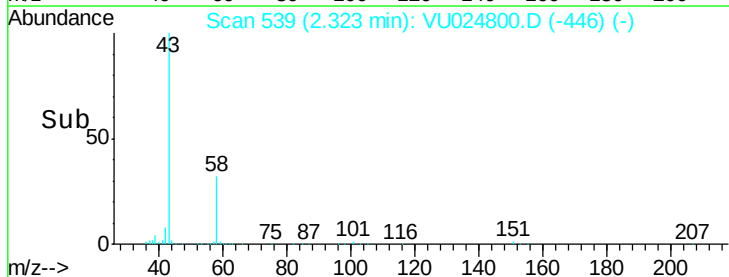
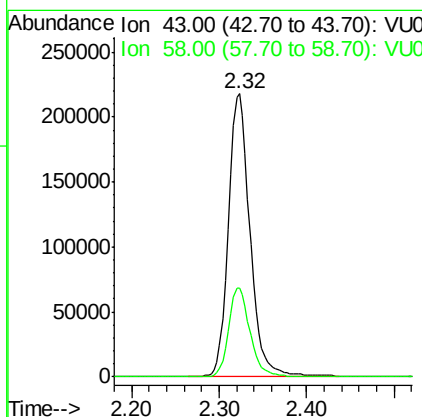
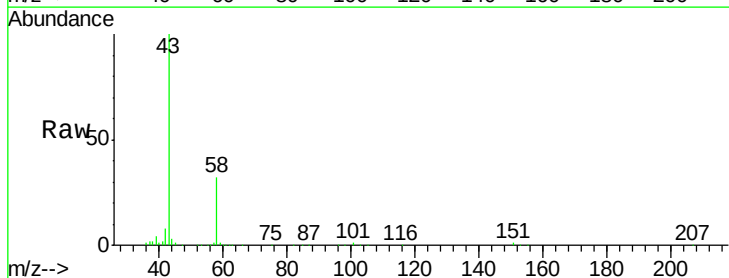
RT: 2.32 min Scan# 539

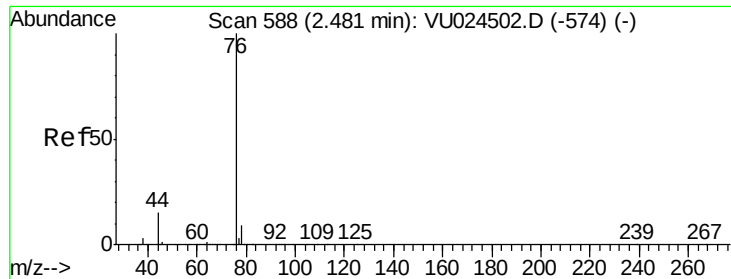
Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion:	43	Resp:	372368
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.4	36.6





#17

Carbon Disulfide

Concen: 41.43 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 272768

Ion Ratio Lower Upper

76 100

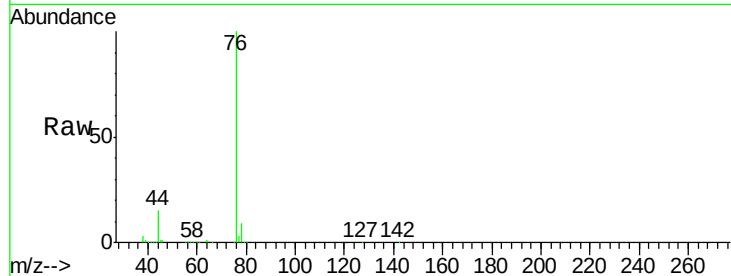
78 9.1 7.1 10.7

Manual Integrations

APPROVED

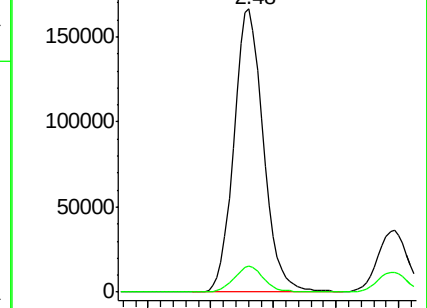
apatel

6/22/2018 4:01:52 PM

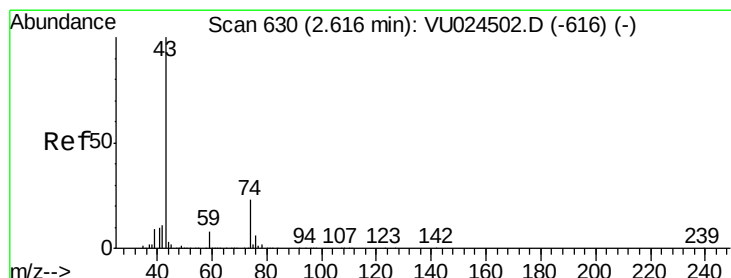
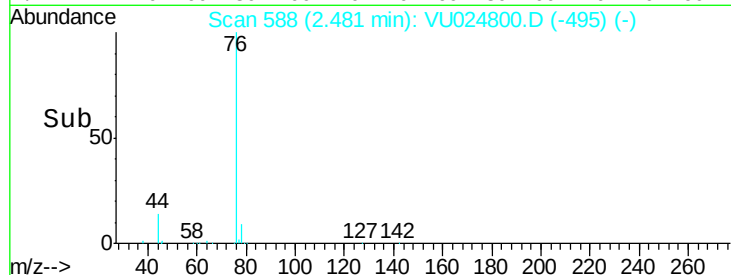


Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



Time-->



#18

Methyl Acetate

Concen: 45.11 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU024800.D

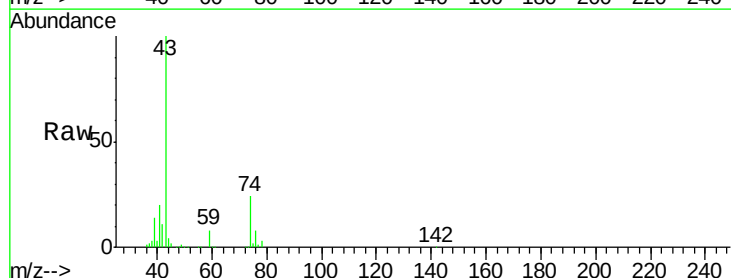
Acq: 21 Jun 2018 10:25

Tgt Ion: 43 Resp: 153161

Ion Ratio Lower Upper

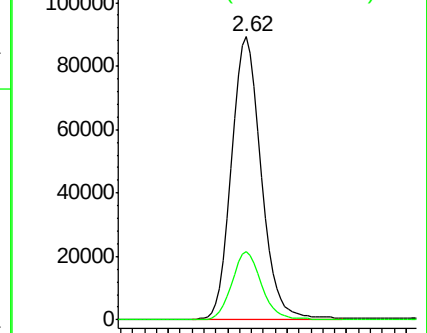
43 100

74 24.5 18.0 27.0

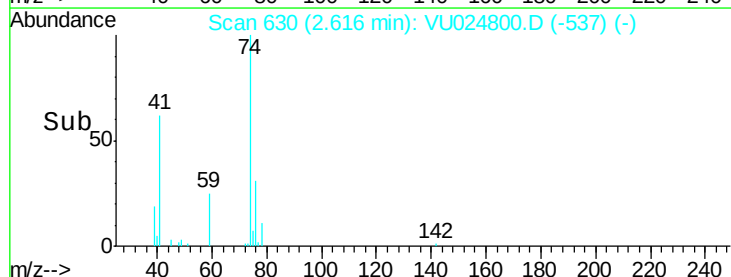


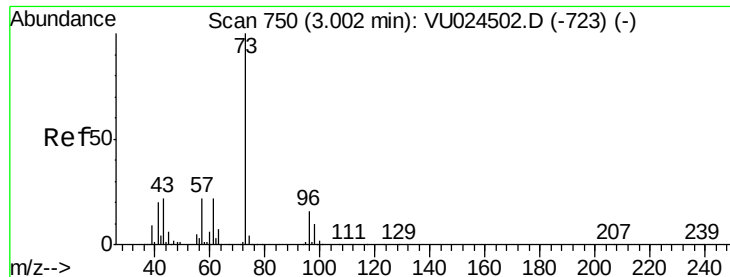
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



Time-->





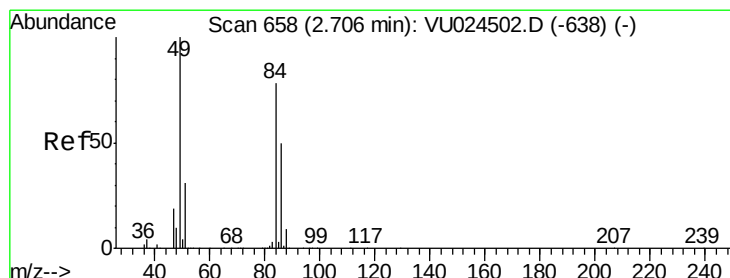
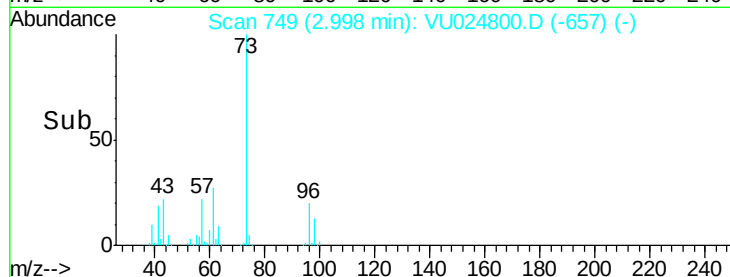
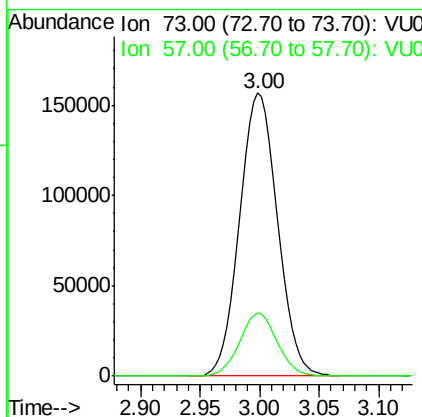
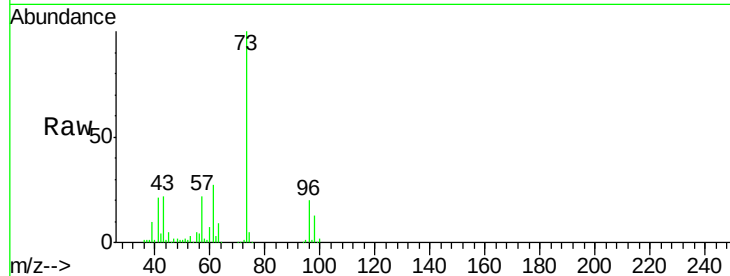
#19
Methyl tert-butyl Ether
Concen: 44.83 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 346444
Ion Ratio Lower Upper
73 100
57 22.1 18.8 28.2

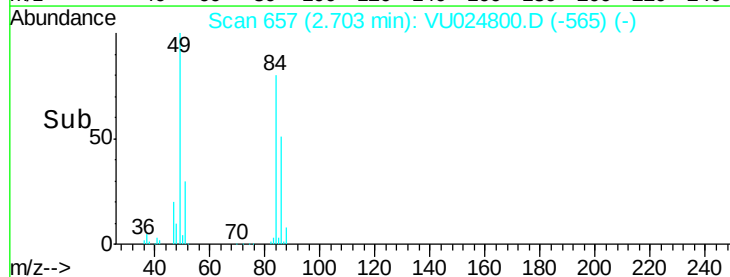
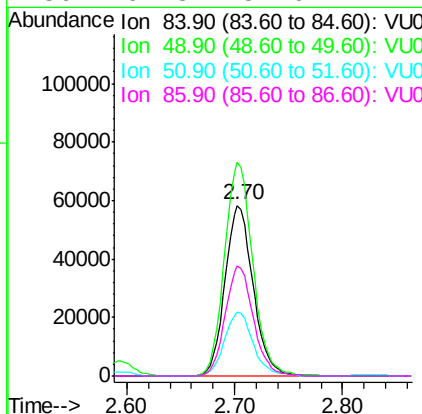
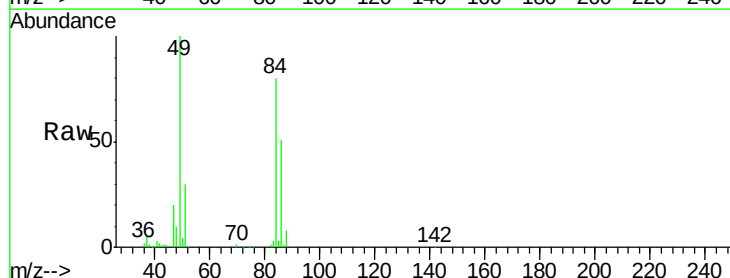
Manual Integrations
APPROVED

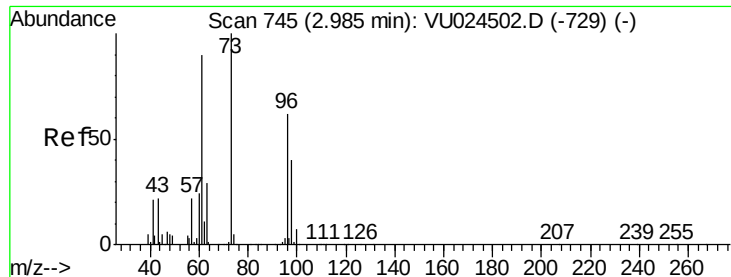
apatel
6/22/2018 4:01:52 PM



#20
Methylene Chloride
Concen: 42.63 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion: 84 Resp: 105932
Ion Ratio Lower Upper
84 100
49 125.0 103.8 155.8
51 37.5 32.0 48.0
86 64.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.29 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

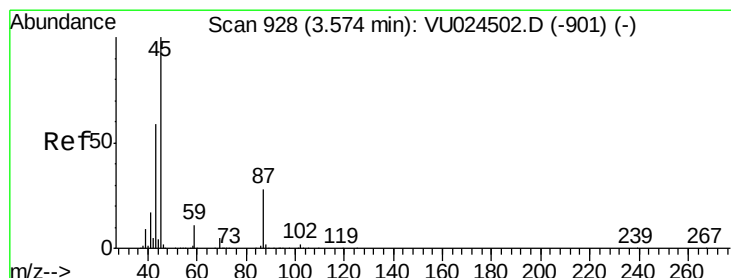
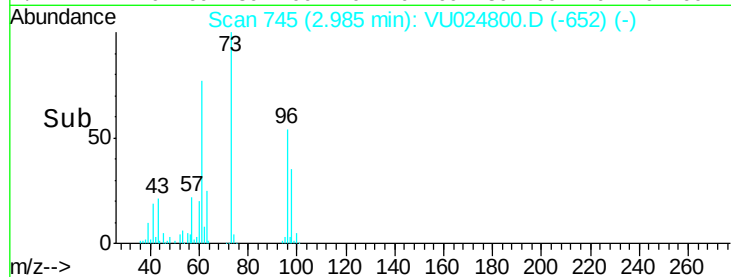
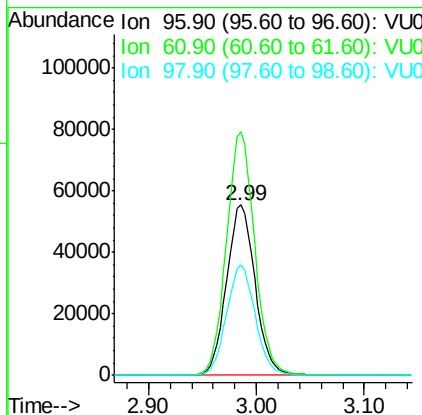
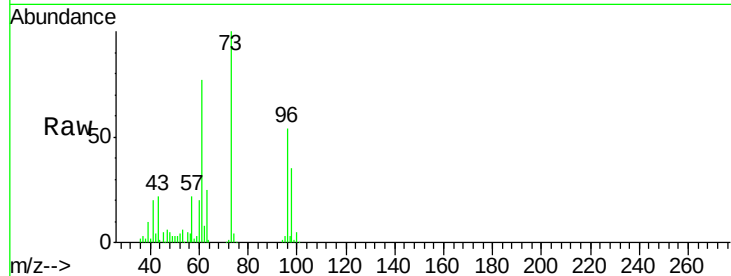
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	102561
Ion Ratio	Lower	Upper	
96	100		
61	143.0	119.4	179.0
98	64.6	51.1	76.7

Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM



#22

Diisopropyl ether

Concen: 46.20 ug/l

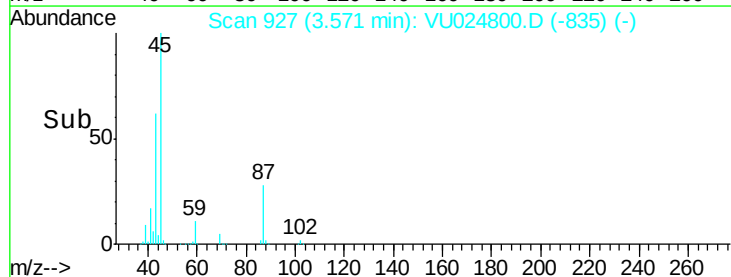
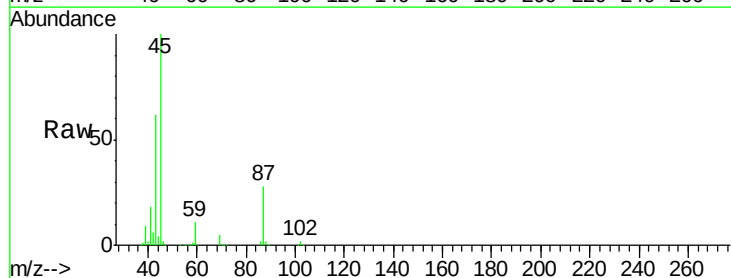
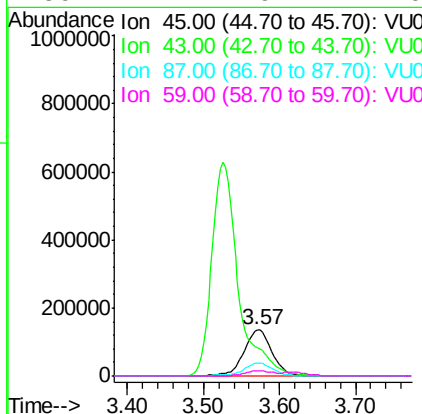
RT: 3.57 min Scan# 927

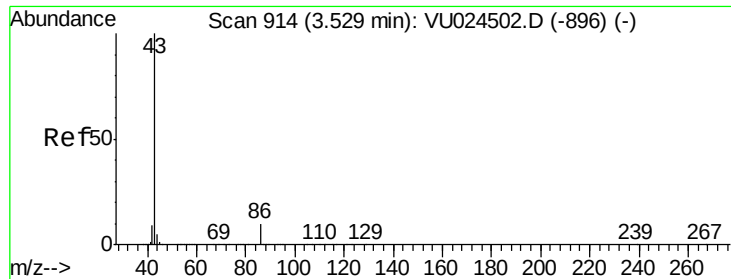
Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion:	45	Resp:	349623
Ion Ratio	Lower	Upper	
45	100		
43	60.8	45.8	68.6
87	27.9	20.6	31.0
59	11.1	9.4	14.0





#23

Vinyl Acetate

Concen: 223.79 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tot Ion: 43 Resp: 1517038

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8

Instrument :

MSVOA_U

ClientSampleId :

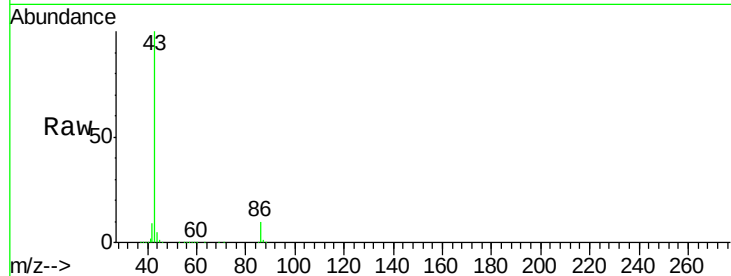
VSTDCCC050

Manual Integrations

APPROVED

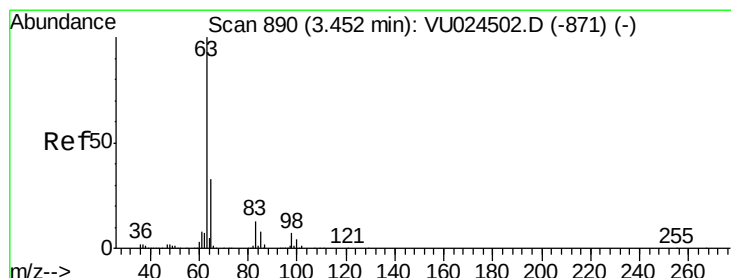
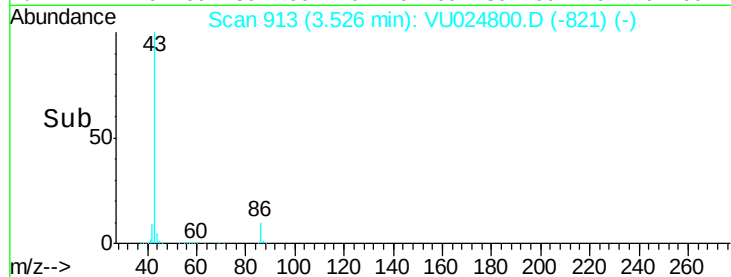
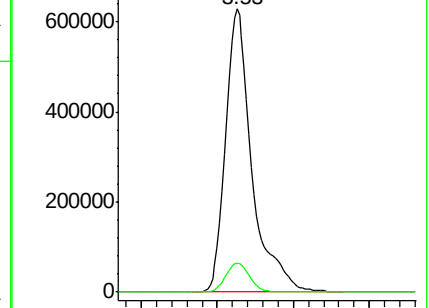
apatel

6/22/2018 4:01:52 PM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 44.55 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

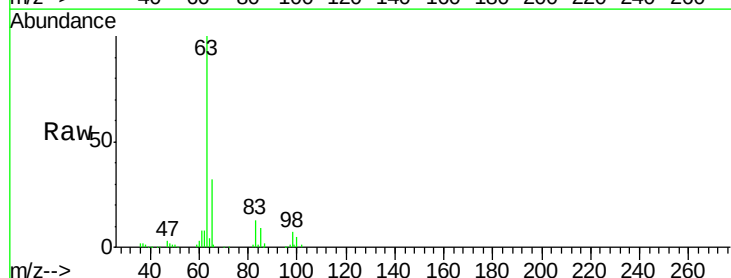
Tgt Ion: 63 Resp: 193963

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

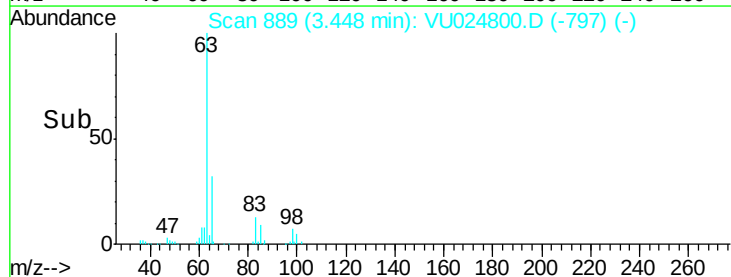
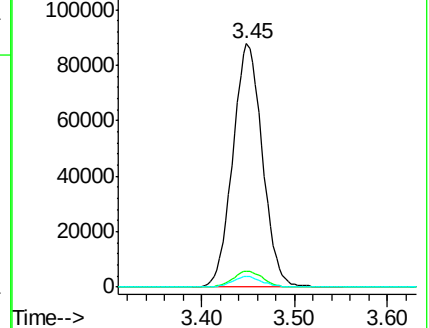
100 4.6 1.8 5.5

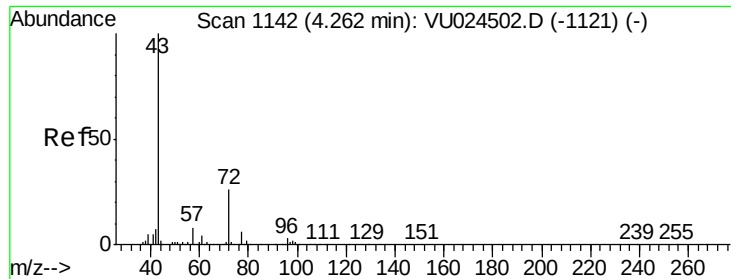


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





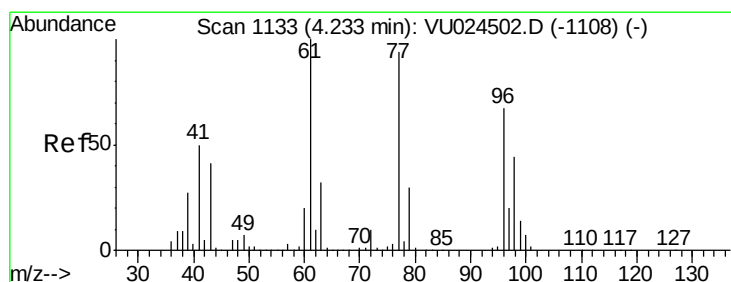
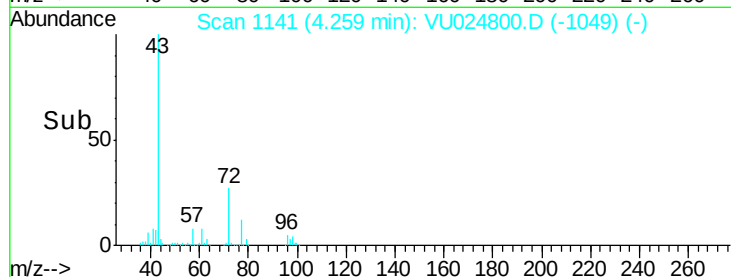
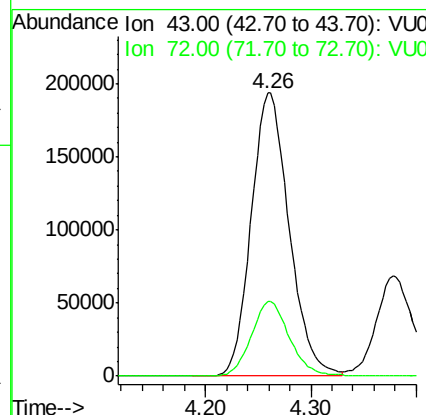
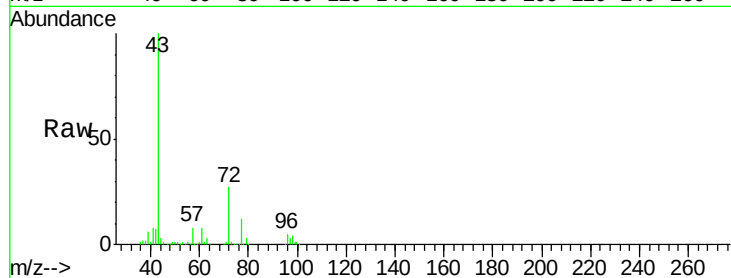
#25
2-Butanone
Concen: 227.09 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	483118
Ion Ratio	100	Lower	Upper
72	26.6	19.6	29.4

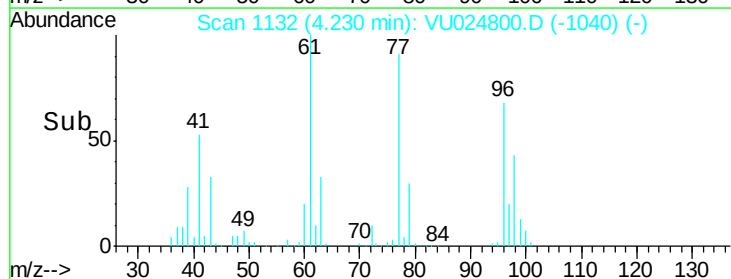
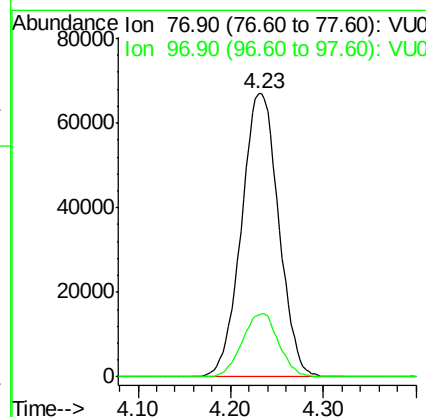
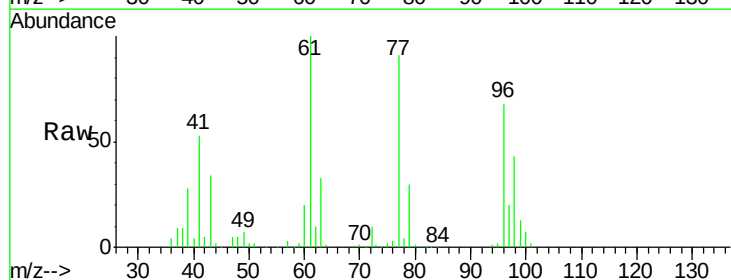
Manual Integrations
APPROVED

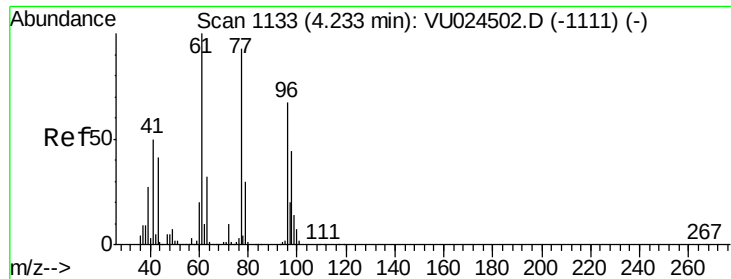
apatel
6/22/2018 4:01:52 PM



#26
2,2-Dichloropropane
Concen: 45.13 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	77	Resp	186578
Ion Ratio	100	Lower	Upper
97	21.8	11.3	33.8





#27

cis-1,2-Dichloroethene

Concen: 46.10 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

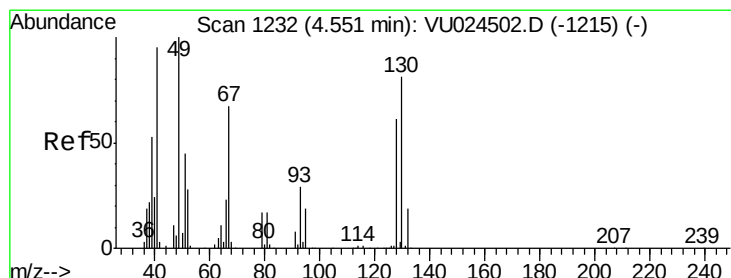
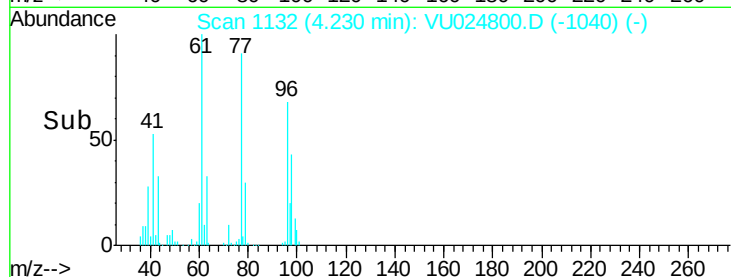
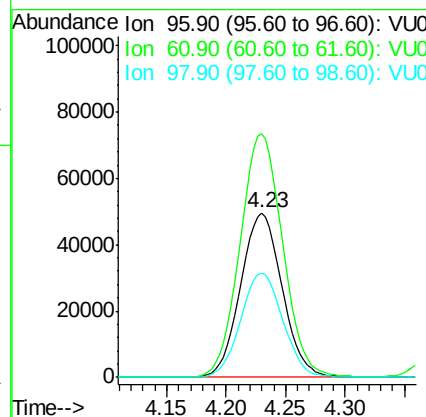
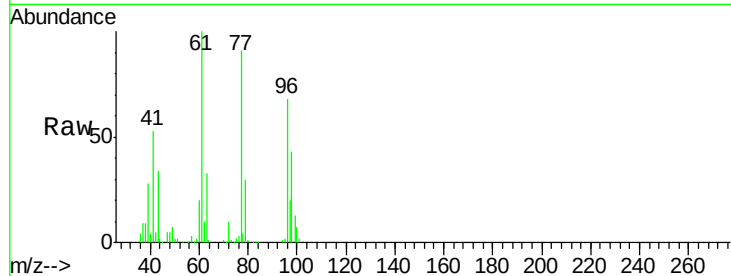
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	120009
Ion Ratio	Lower	Upper	
96	100		
61	152.0	0.0	306.6
98	64.4	0.0	128.8

Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM



#28

Bromochloromethane

Concen: 44.64 ug/l

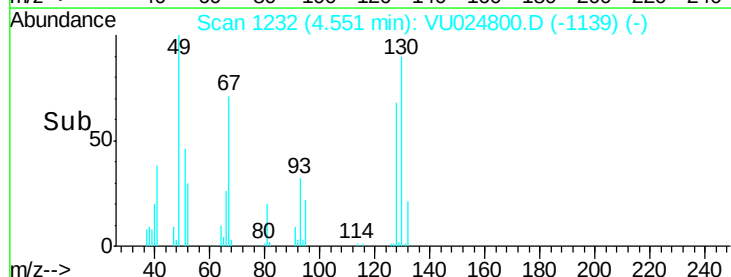
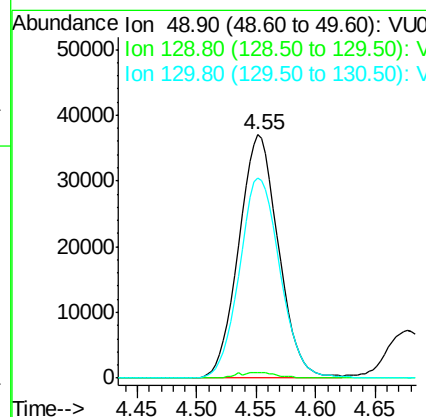
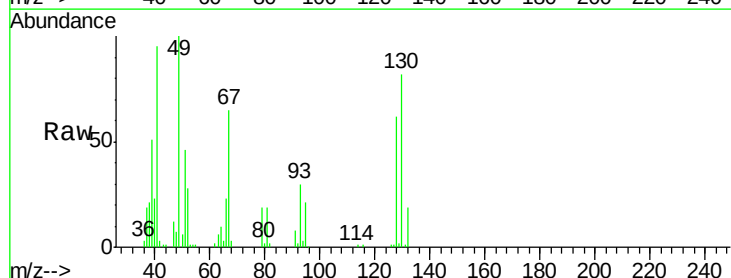
RT: 4.55 min Scan# 1232

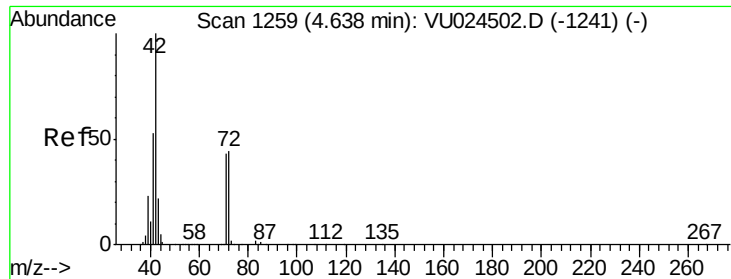
Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion:	49	Resp:	85598
Ion Ratio	Lower	Upper	
49	100		
129	1.2	0.0	3.8
130	84.2	57.8	86.6





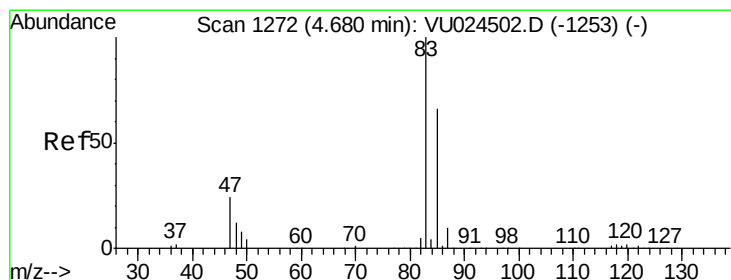
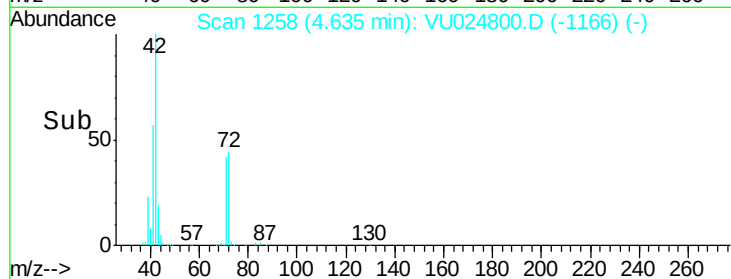
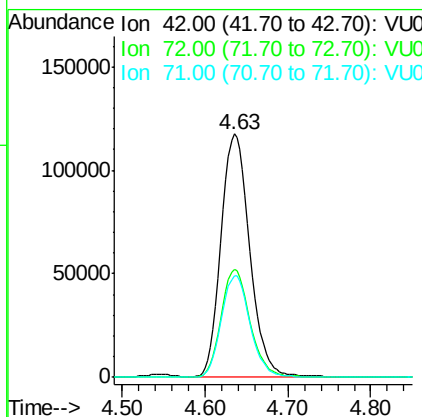
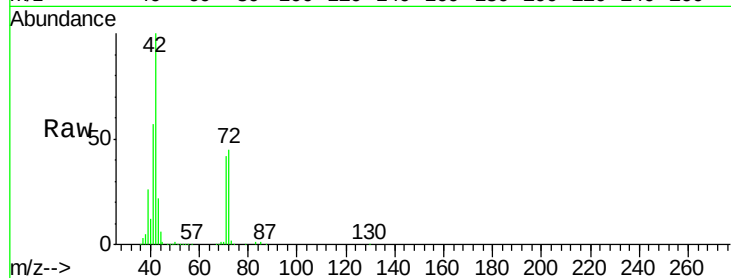
#29
Tetrahydrofuran
Concen: 214.26 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	34.5	51.7
71	42.1	32.2	48.4

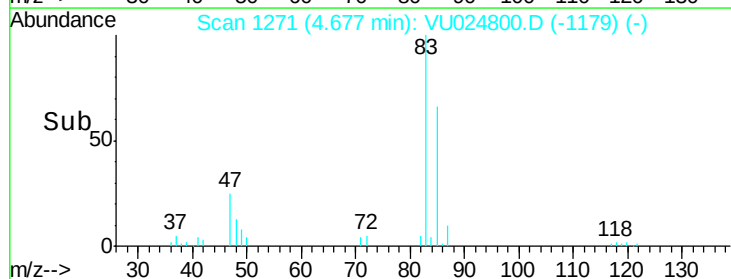
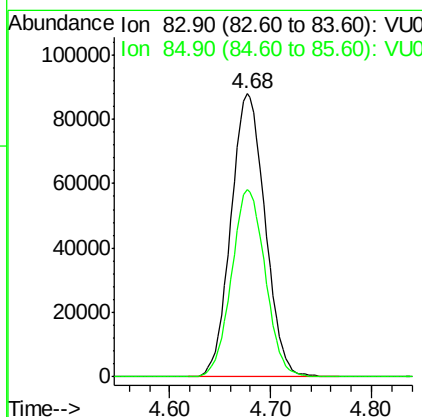
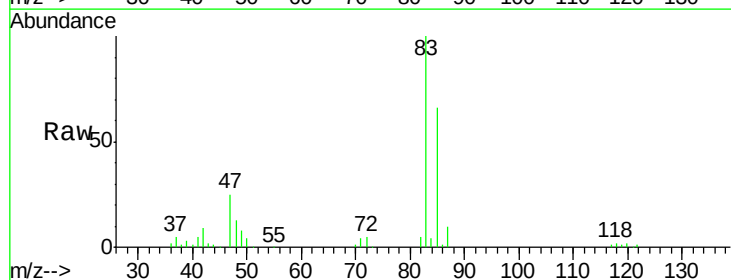
Manual Integrations
APPROVED

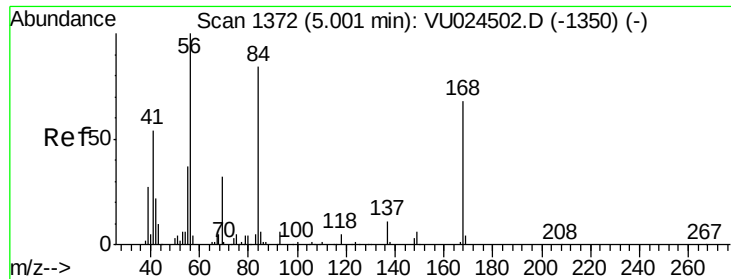
apatel
6/22/2018 4:01:52 PM



#30
Chloroform
Concen: 46.98 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.4	78.6





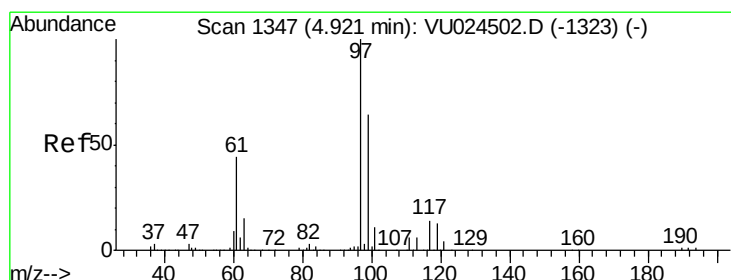
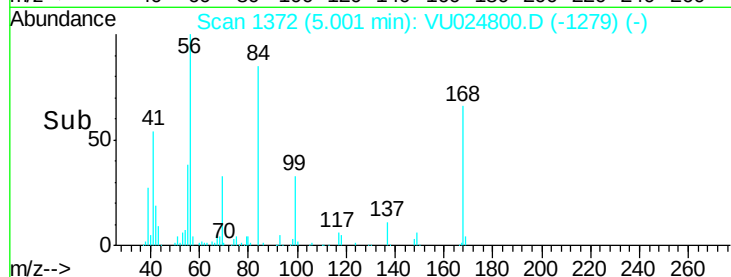
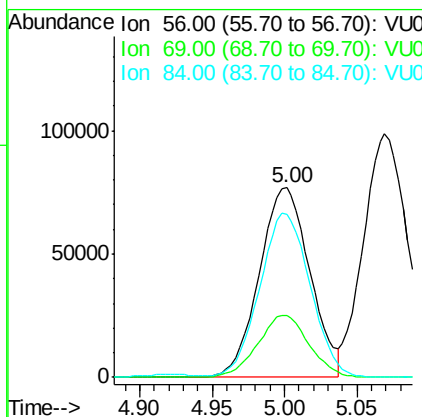
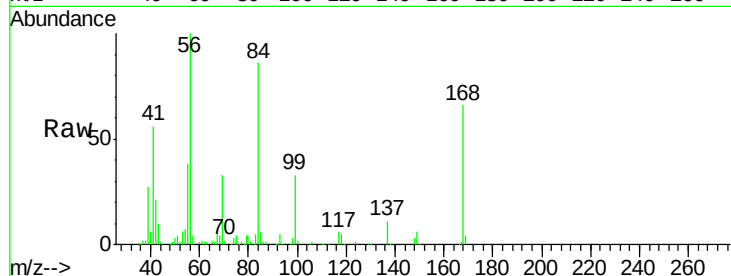
#31
Cyclohexane
Concen: 48.17 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.8	37.2
84	85.0	65.2	97.8

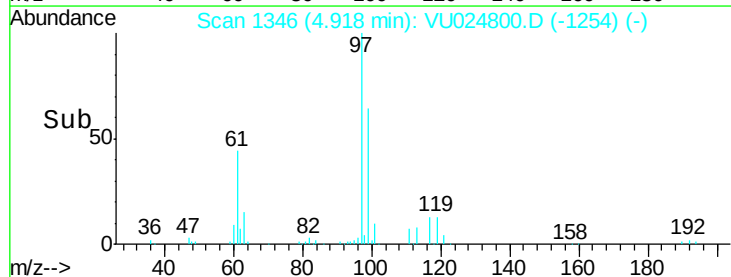
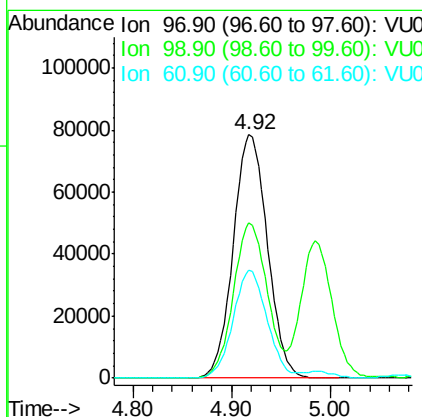
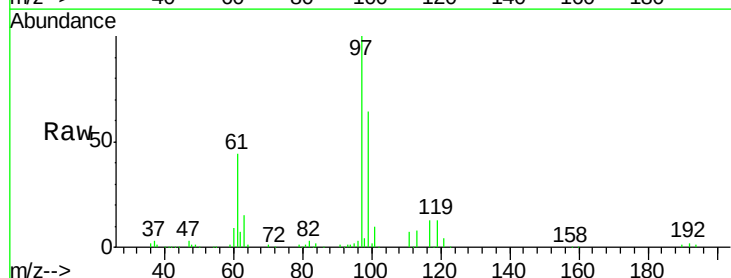
Manual Integrations
APPROVED

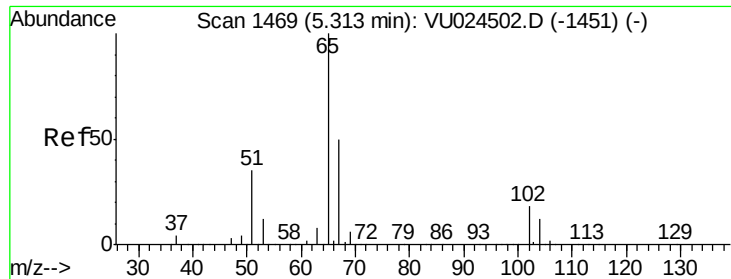
apatel
6/22/2018 4:01:52 PM



#32
1,1,1-Trichloroethane
Concen: 46.37 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.0	76.6
61	44.1	39.4	59.0





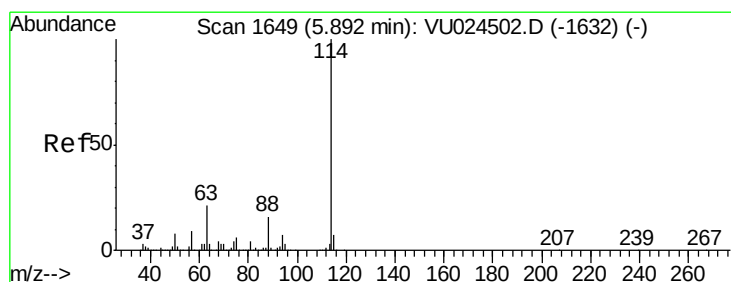
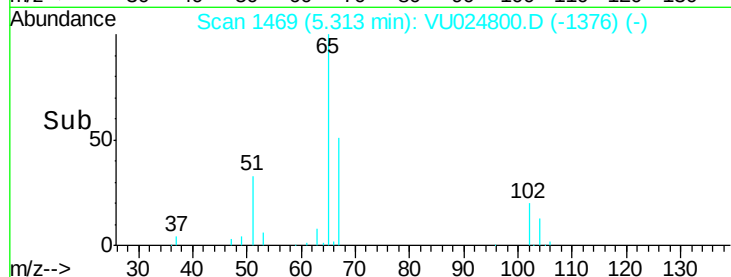
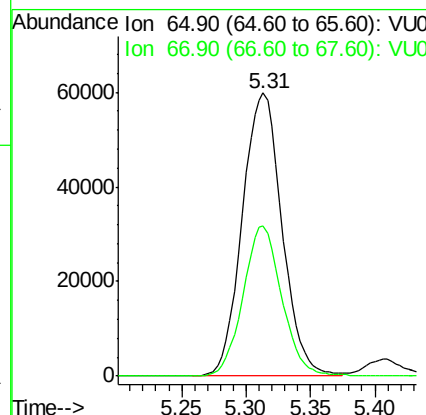
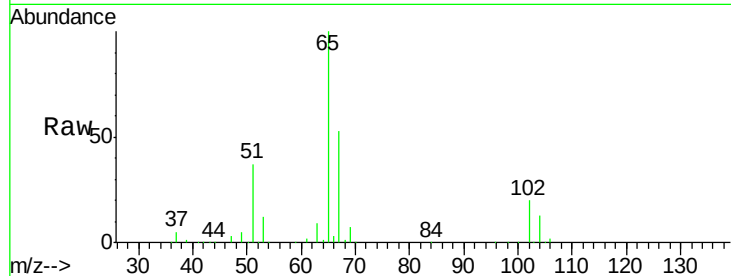
#33
 1,2-Dichloroethane-d4
 Concen: 43.55 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128385		
67	51.6	0.0	107.0	

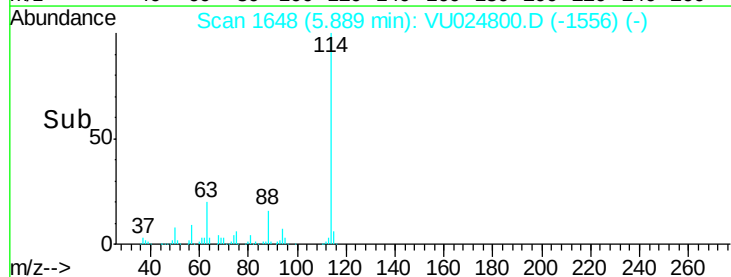
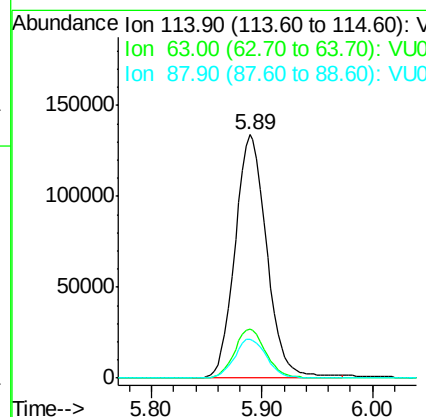
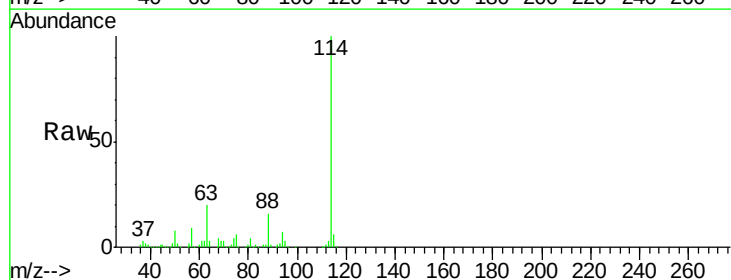
Manual Integrations
 APPROVED

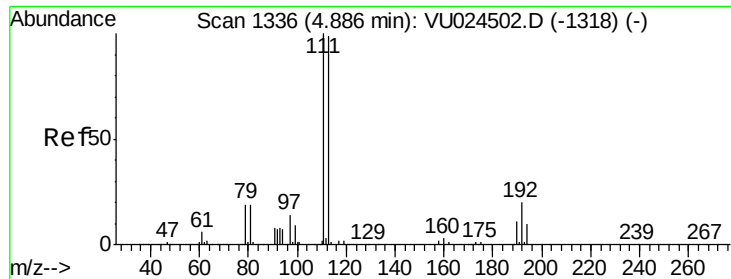
apatel
 6/22/2018 4:01:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	267236		
63	20.1	0.0	45.4	
88	16.0	0.0	31.0	





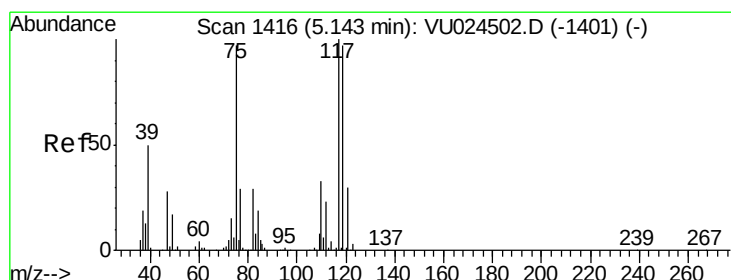
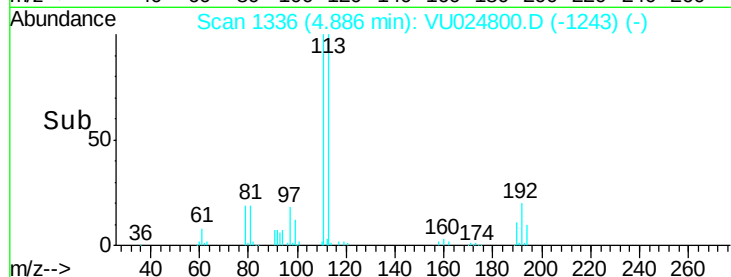
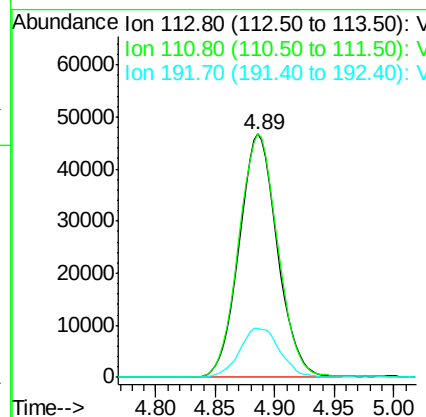
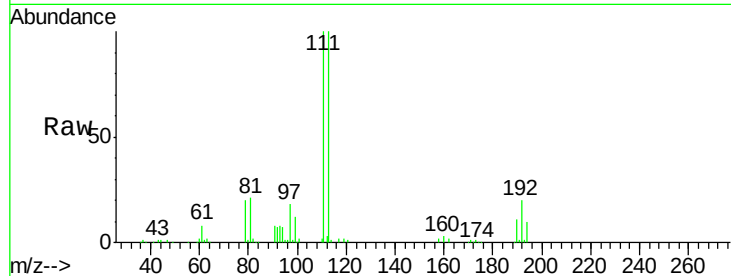
#35
 Dibromofluoromethane
 Concen: 46.80 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	103790		
111	102.5	82.2	123.4	
192	21.2	16.2	24.4	

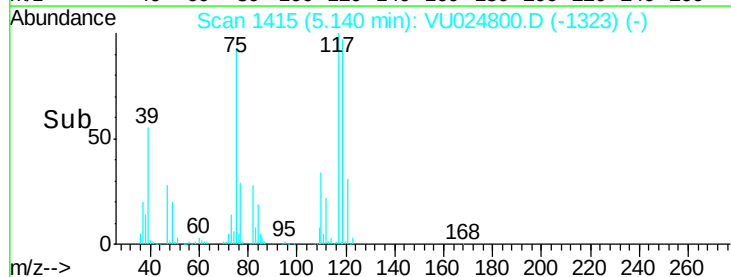
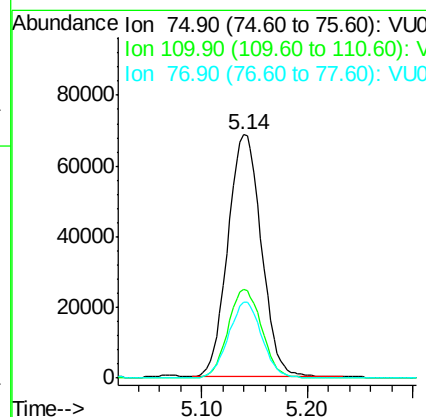
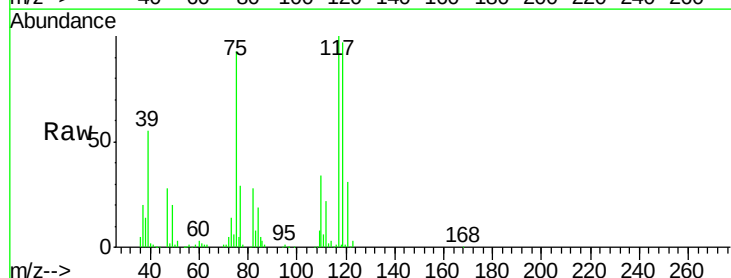
Manual Integrations
 APPROVED

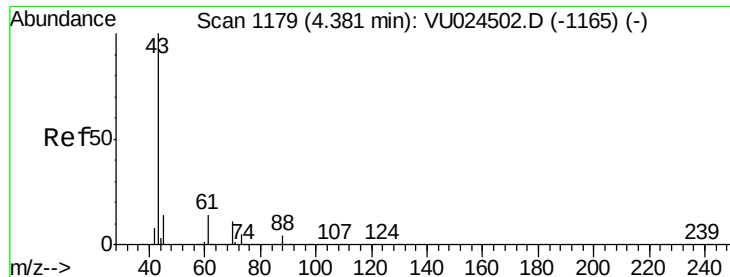
apatel
 6/22/2018 4:01:52 PM



#36
 1,1-Dichloropropene
 Concen: 48.14 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	151157		
110	37.1	17.0	50.9	
77	30.8	24.2	36.4	





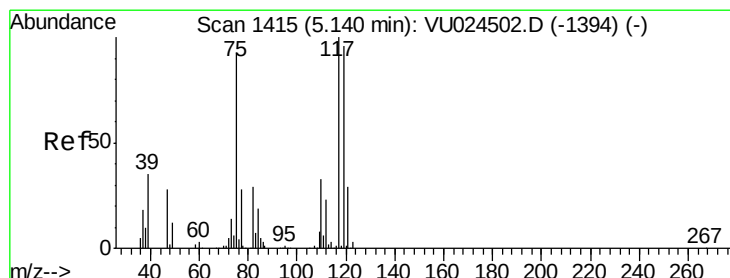
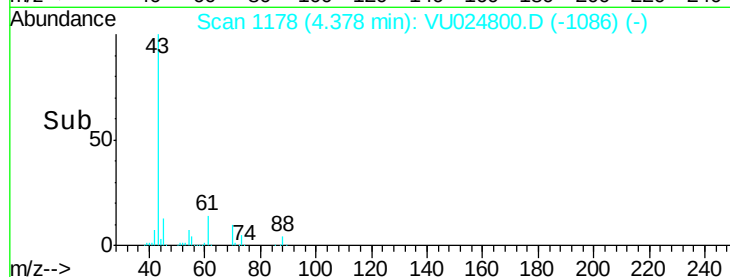
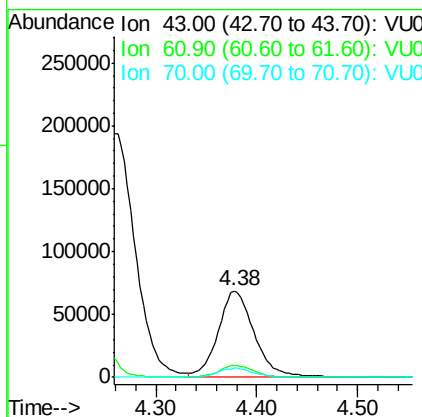
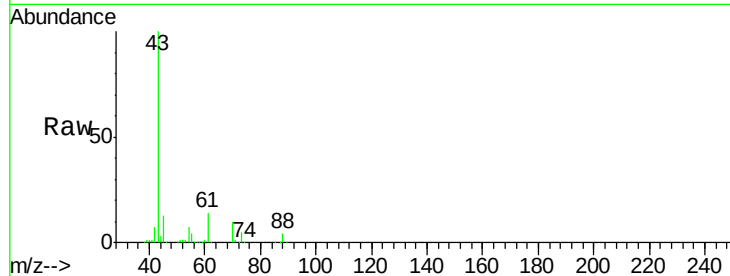
#37
Ethyl Acetate
Concen: 48.97 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.5	15.7
70	10.7	7.4	11.2

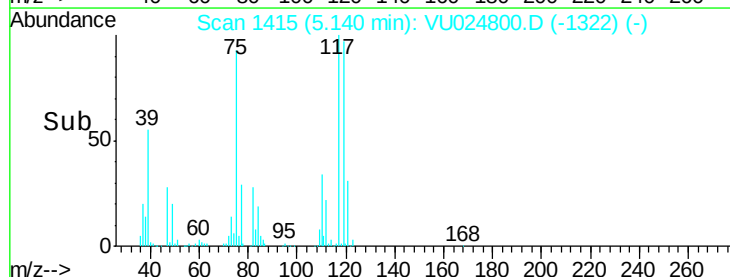
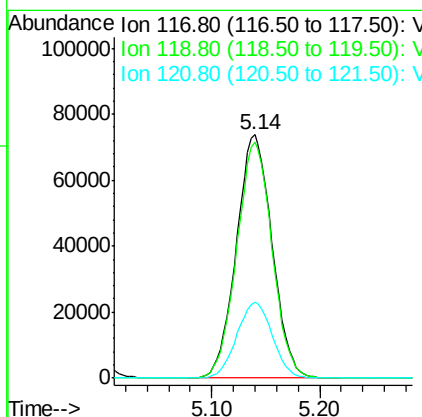
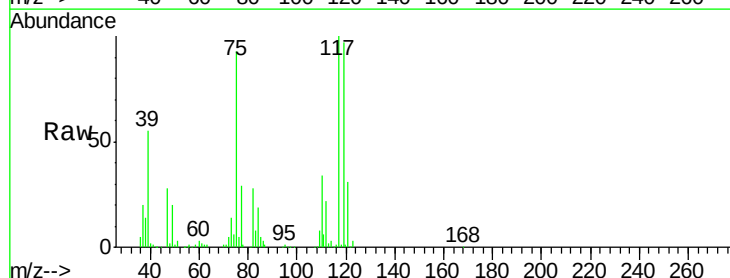
Manual Integrations
APPROVED

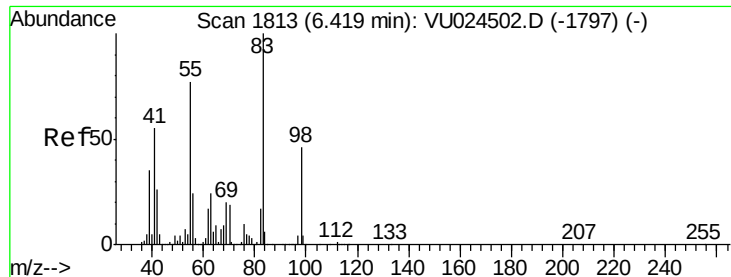
apatel
6/22/2018 4:01:52 PM



#38
Carbon Tetrachloride
Concen: 49.24 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.1	114.1
121	30.9	23.7	35.5





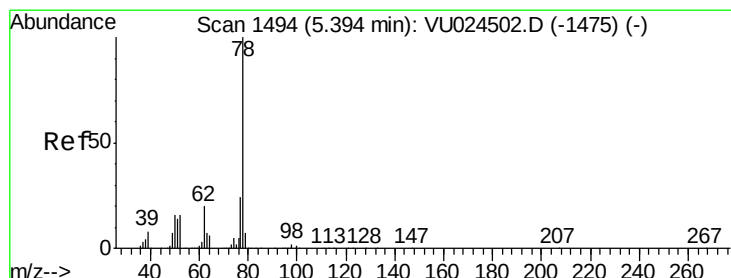
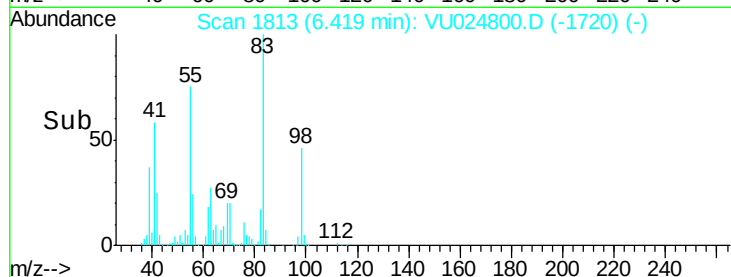
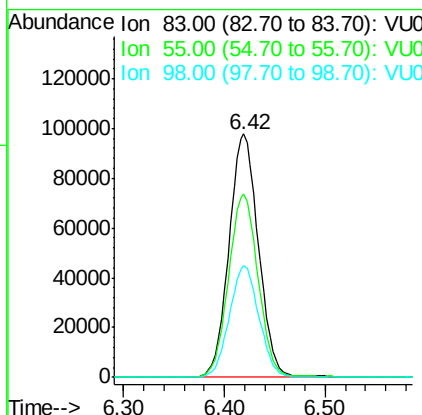
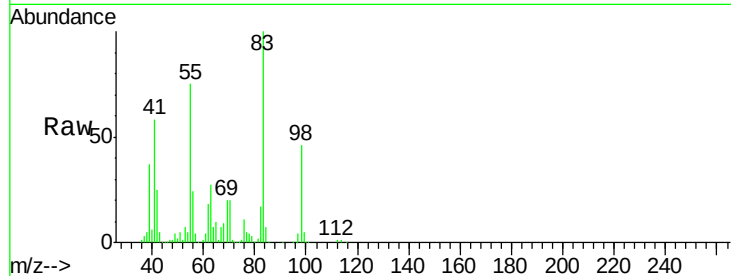
#39
Methvlcvclohexane
Concen: 50.68 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	65.8	98.6
98	46.1	36.7	55.1

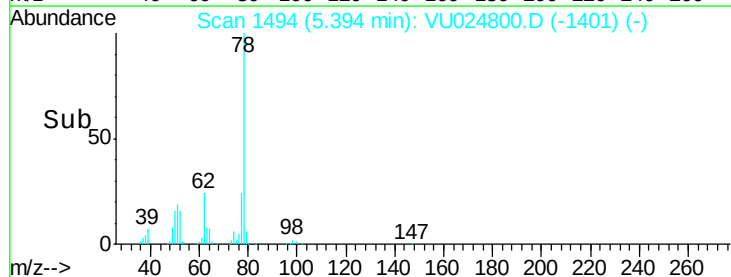
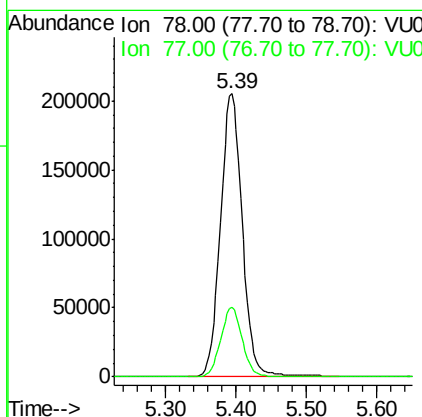
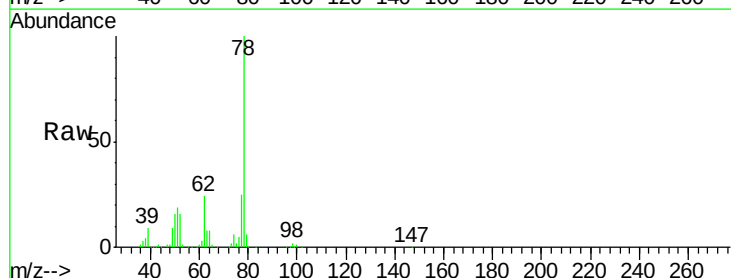
Manual Integrations
APPROVED

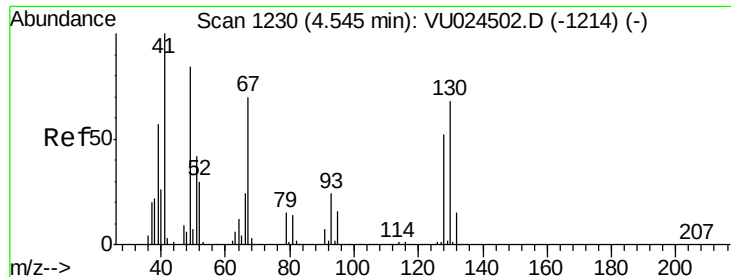
apatel
6/22/2018 4:01:52 PM



#40
Benzene
Concen: 49.71 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8





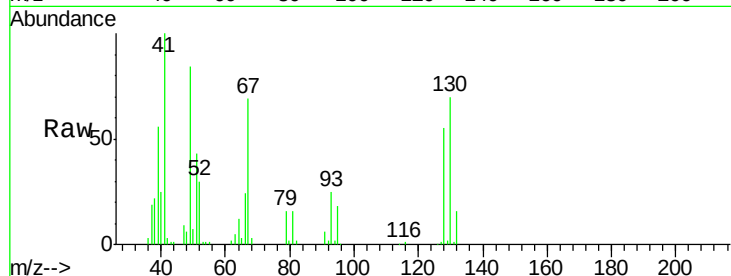
#41
Methacrylonitrile
Concen: 50.51 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	43.8	65.6	
67	71.1	56.3	84.5	
52	30.9	23.2	34.8	

Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM



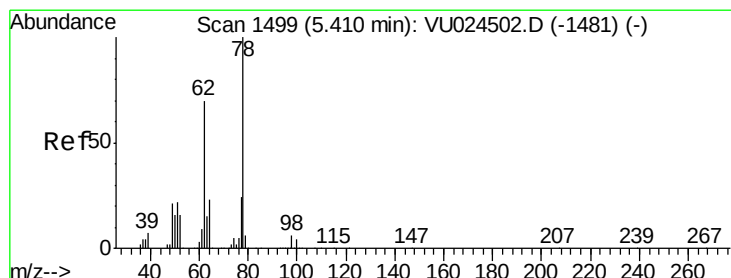
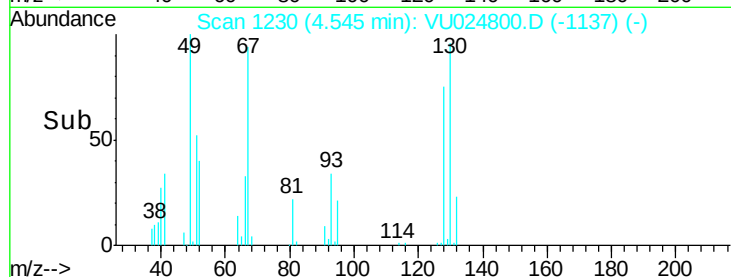
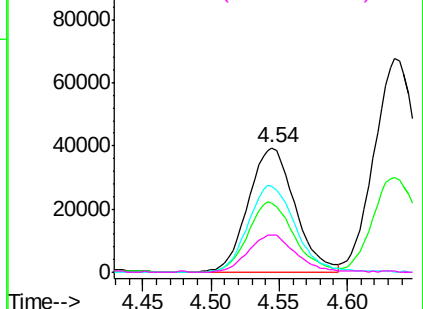
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

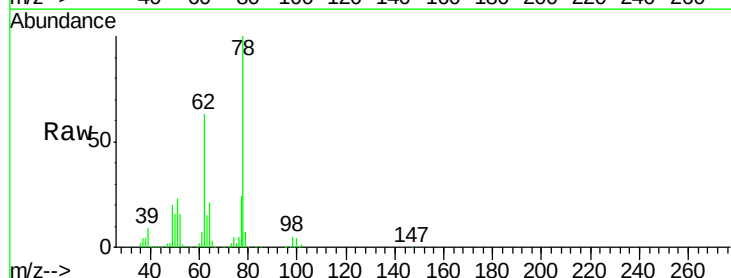
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 51.16 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

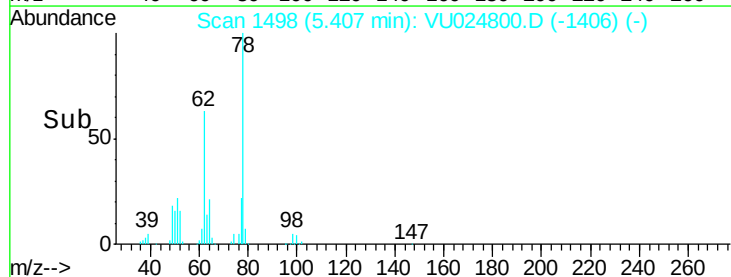
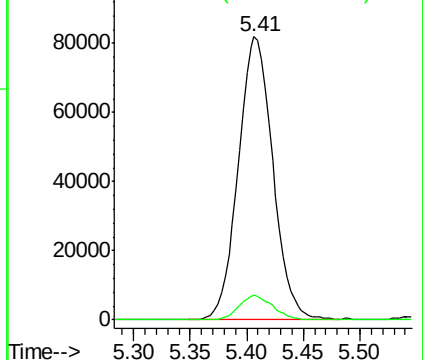
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.6	

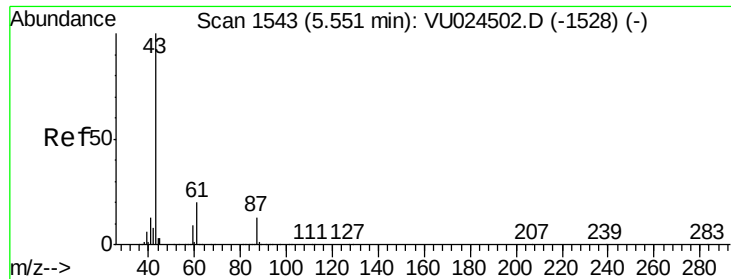


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 46.11 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

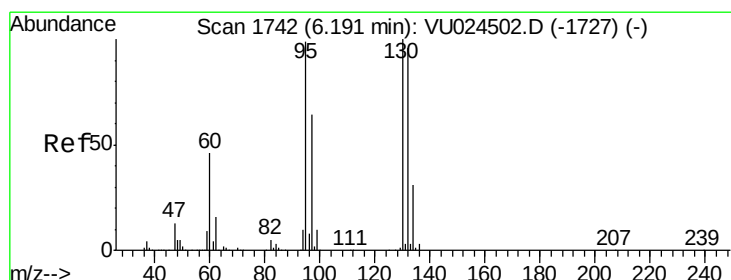
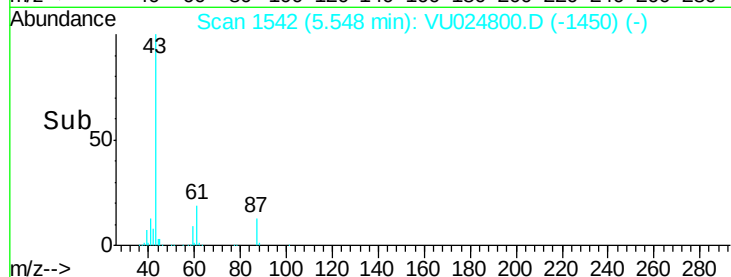
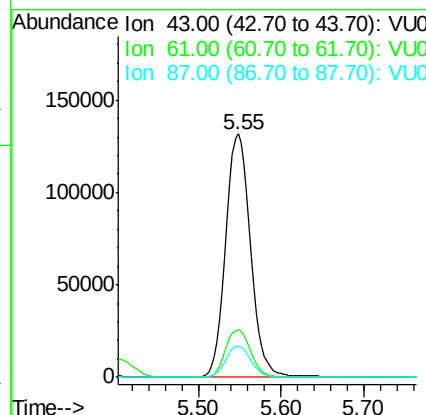
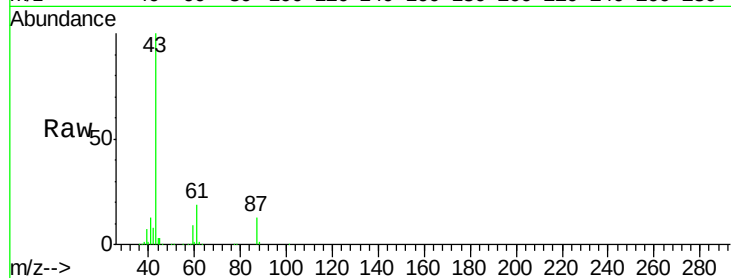
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	272790
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	12.9	10.0	15.0

Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM



#44

Trichloroethene

Concen: 48.43 ug/l

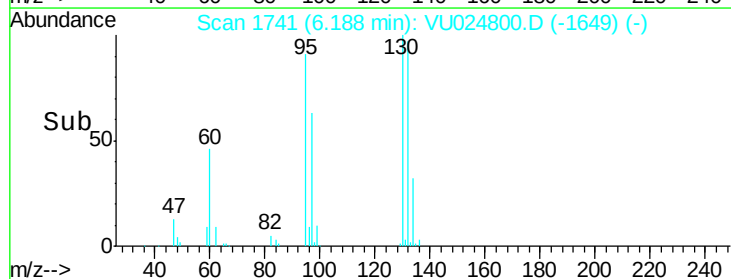
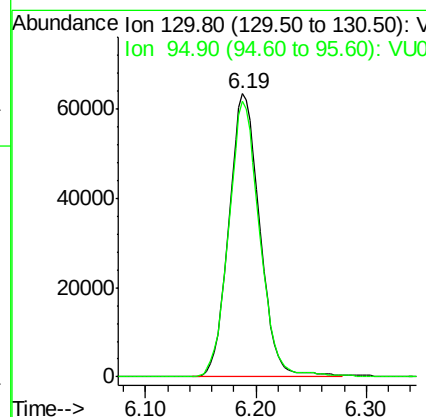
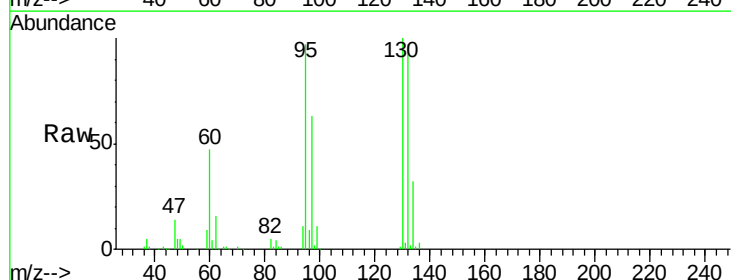
RT: 6.19 min Scan# 1741

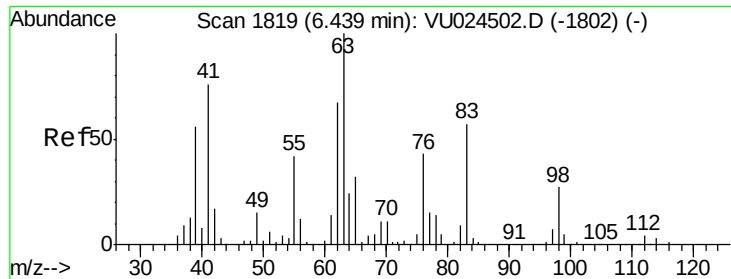
Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion:	130	Resp:	123322
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	202.4





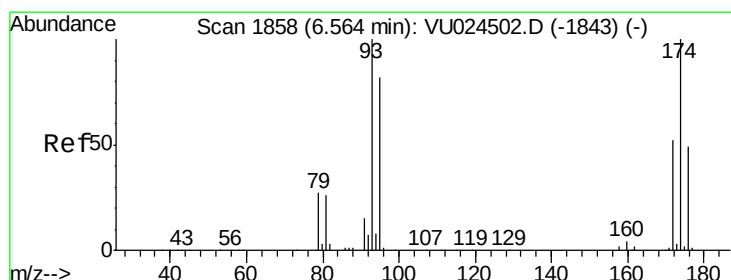
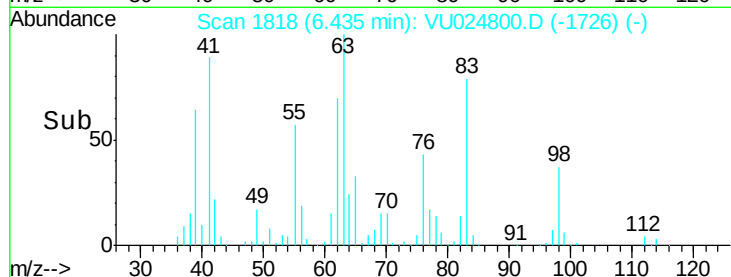
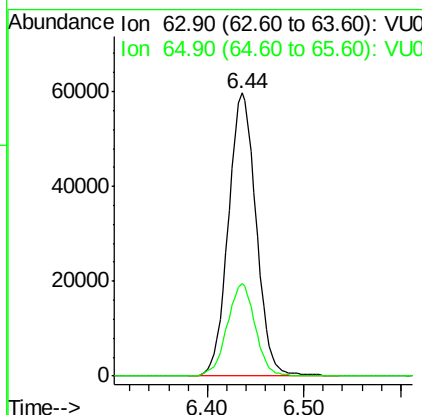
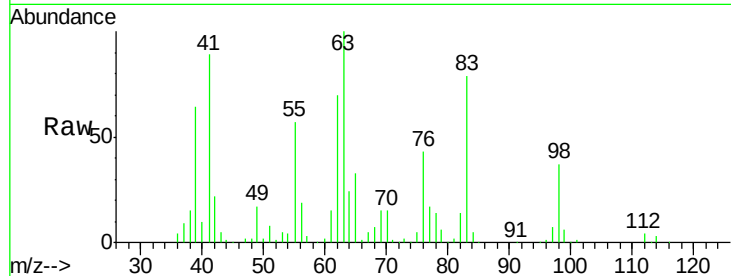
#45
 1,2-Dichloropropane
 Concen: 49.86 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 119030
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.8 37.2

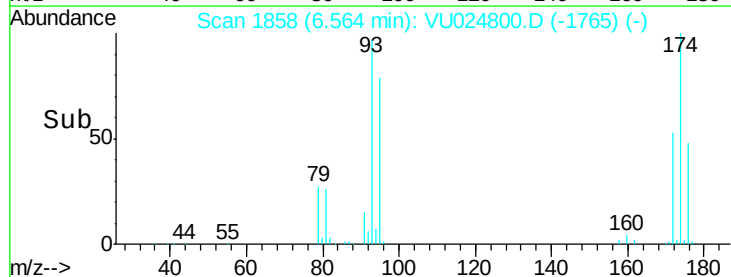
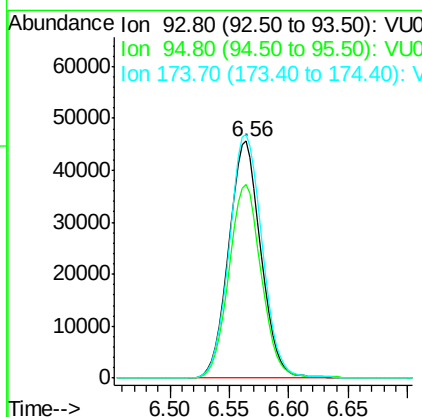
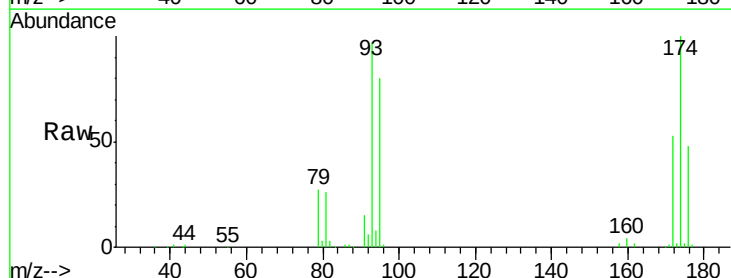
Manual Integrations
 APPROVED

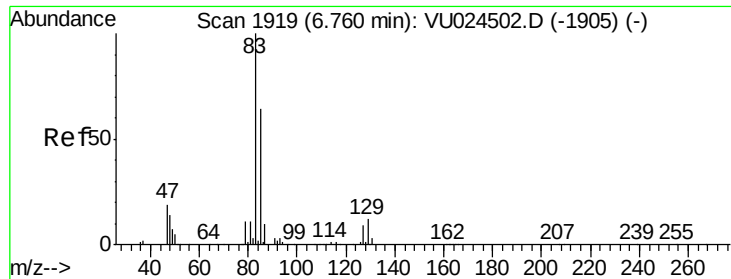
apatel
 6/22/2018 4:01:52 PM



#46
 Dibromomethane
 Concen: 51.09 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion: 93 Resp: 85683
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.5 98.3
 174 104.8 78.7 118.1





#47

Bromodichloromethane

Concen: 48.53 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

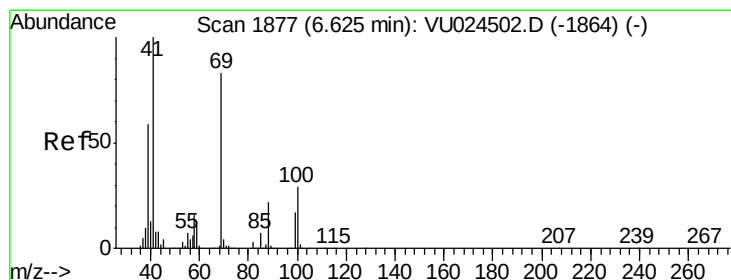
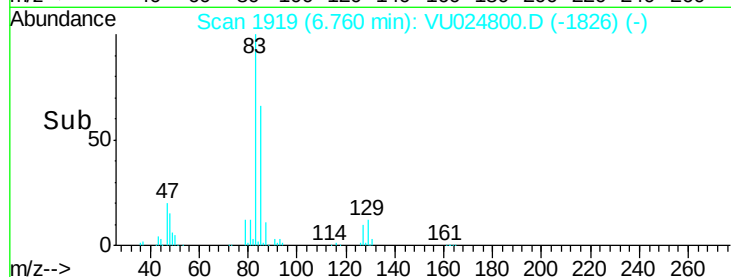
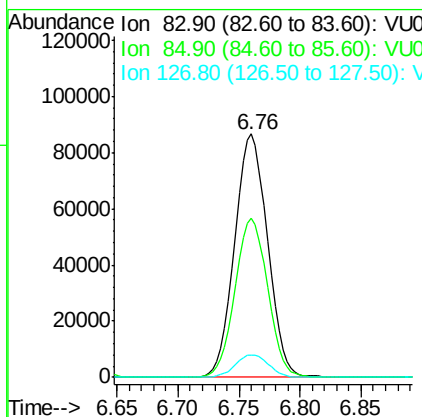
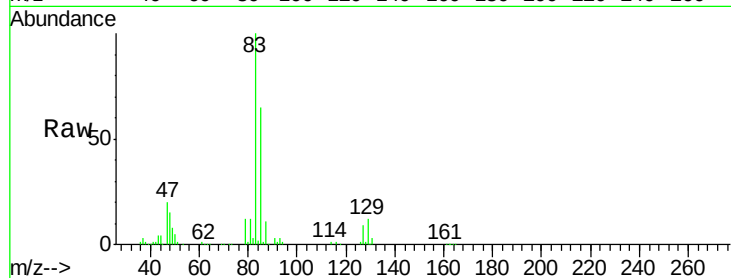
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	162076
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.9	77.9
127	9.4	6.6	9.8

Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM



#48

Methyl methacrylate

Concen: 47.84 ug/l

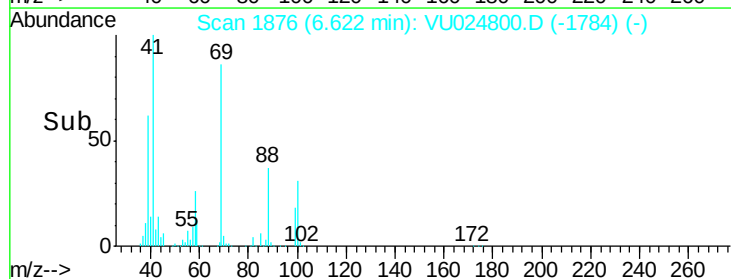
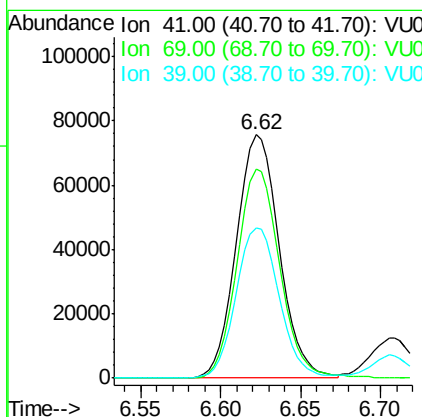
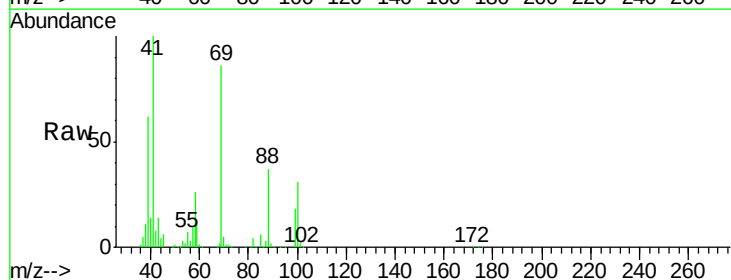
RT: 6.62 min Scan# 1876

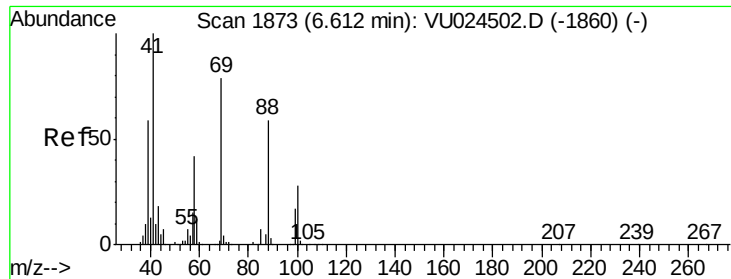
Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion:	41	Resp:	137814
Ion Ratio	Lower	Upper	
41	100		
69	86.0	67.3	100.9
39	62.0	46.5	69.7





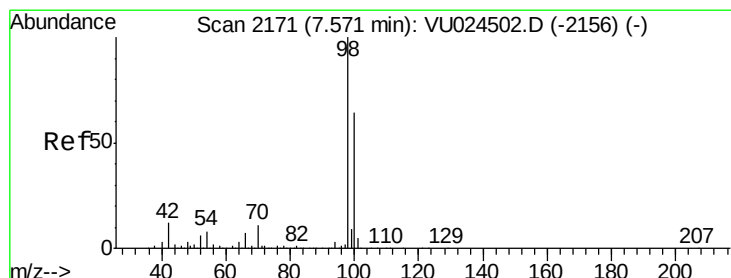
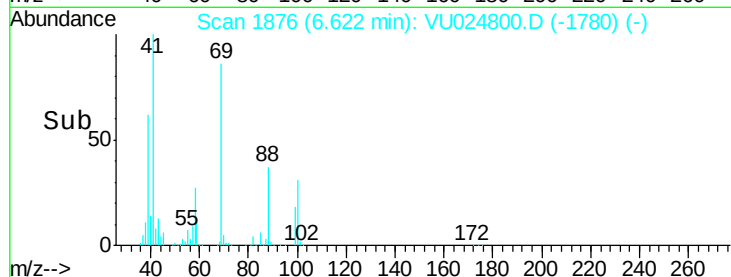
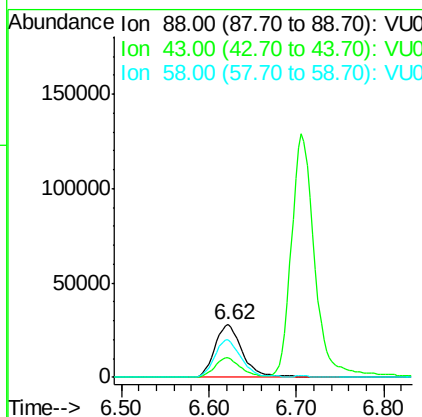
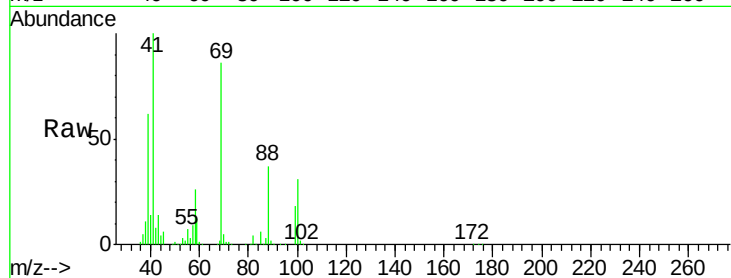
#49
1,4-Dioxane
Concen: 1084.31 ug/l
RT: 6.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	28.6	42.8
58	69.4	58.2	87.4

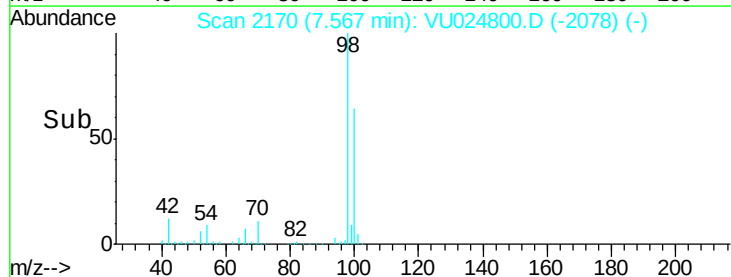
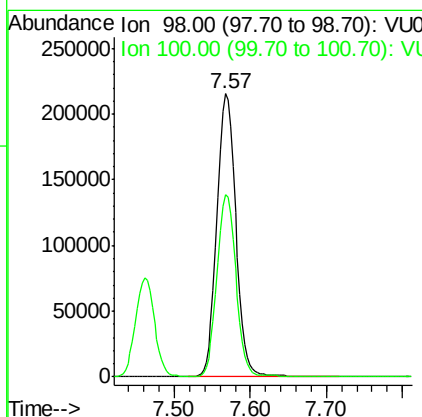
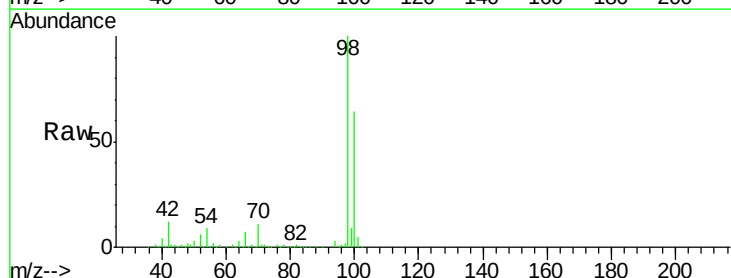
Manual Integrations
APPROVED

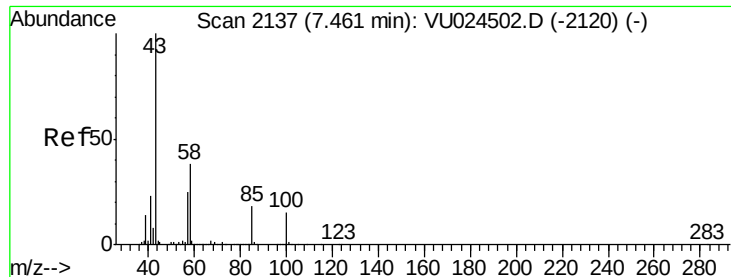
apatel
6/22/2018 4:01:52 PM



#50
Toluene-d8
Concen: 46.43 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7





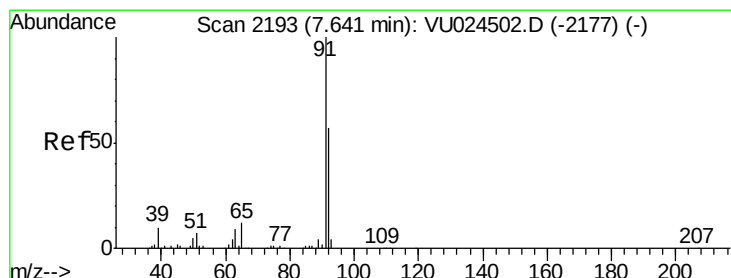
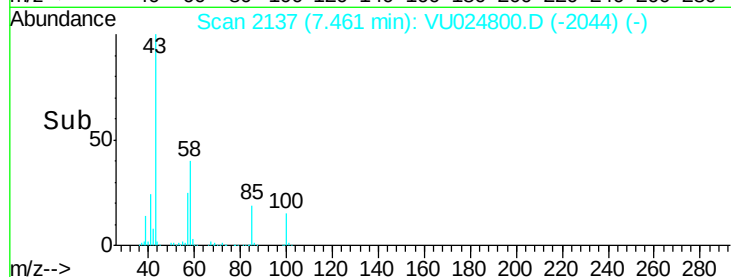
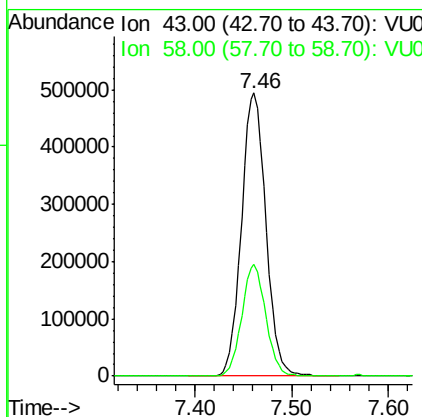
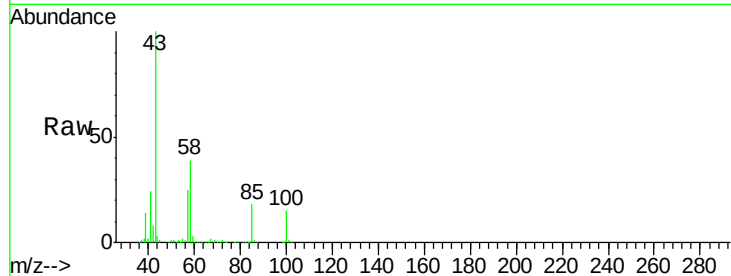
#51
 4-Methyl-2-Pentanone
 Concen: 233.47 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDCCC050

Tot Ion: 43 Resp: 867762
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.0 45.0

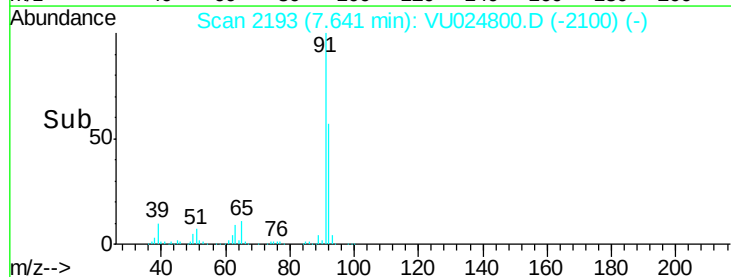
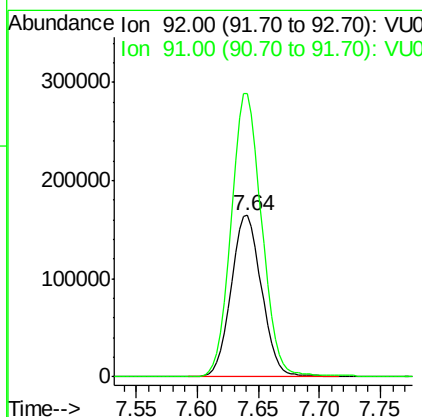
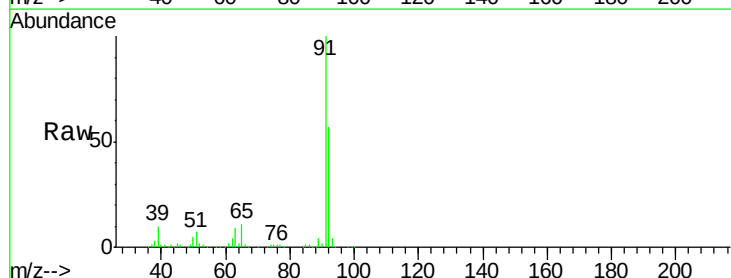
Manual Integrations
 APPROVED

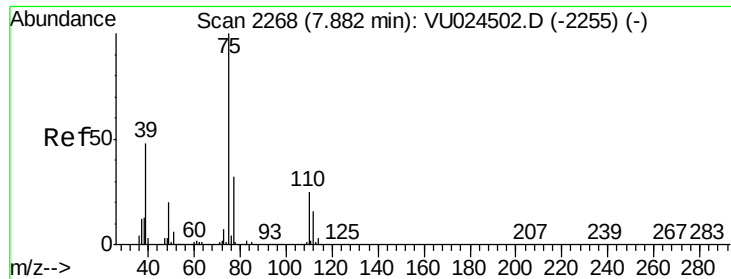
apatel
 6/22/2018 4:01:52 PM



#52
 Toluene
 Concen: 50.11 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion: 92 Resp: 288460
 Ion Ratio Lower Upper
 92 100
 91 176.1 140.5 210.7





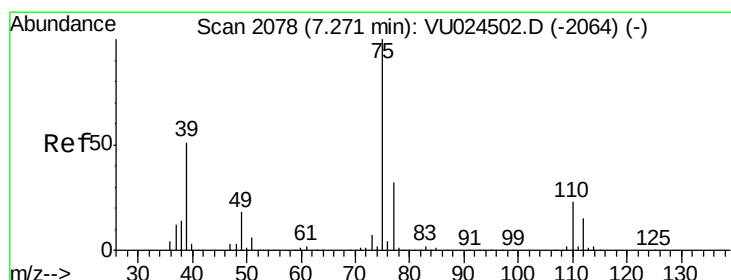
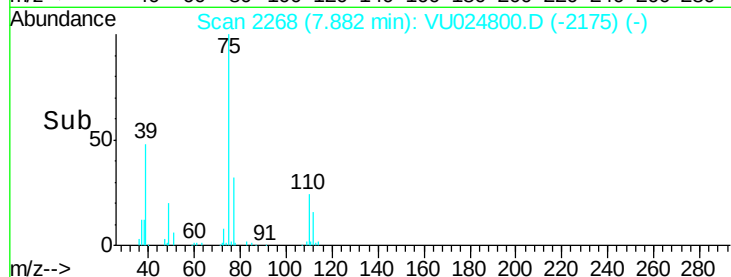
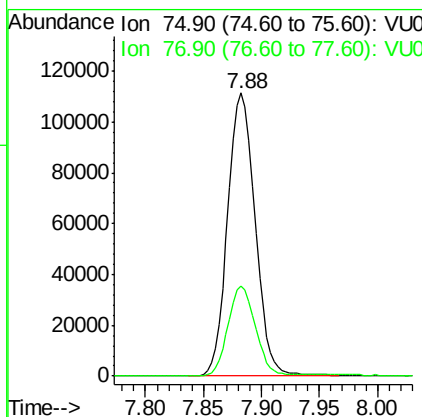
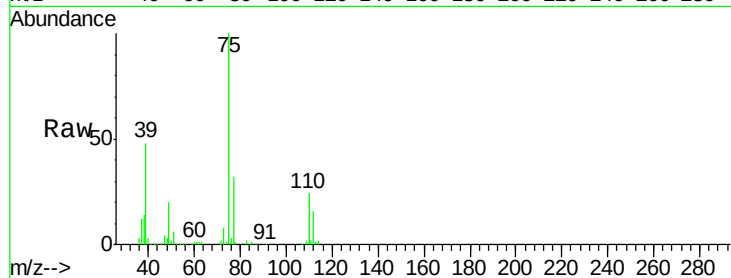
#53
t-1,3-Dichloropropene
Concen: 49.06 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.8	37.2

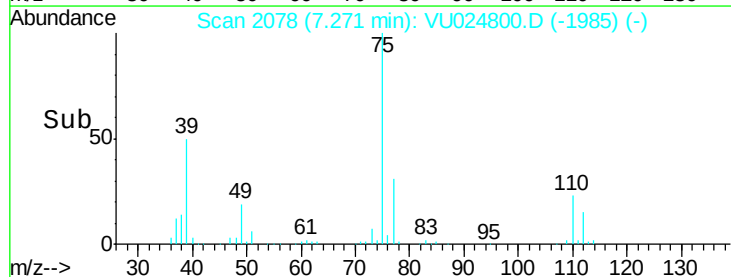
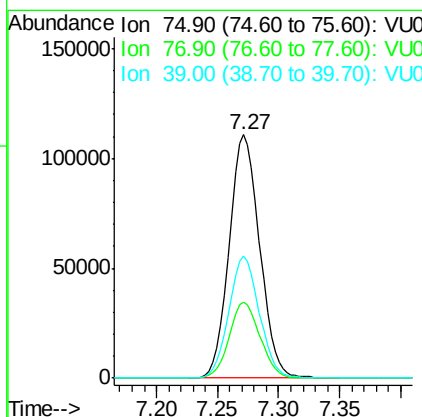
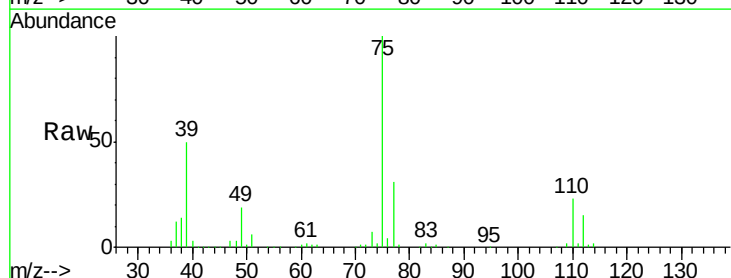
Manual Integrations
APPROVED

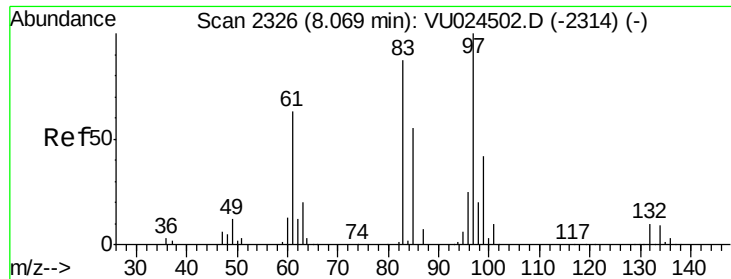
apatel
6/22/2018 4:01:52 PM



#54
cis-1,3-Dichloropropene
Concen: 48.36 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.6	36.8
39	50.0	39.8	59.6





#55

1,1,2-Trichloroethane

Concen: 50.41 ug/l

RT: 8.07 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

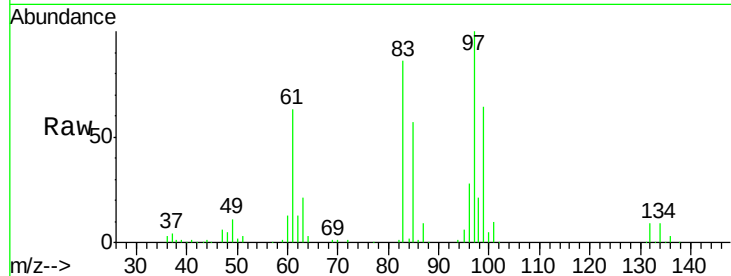
ClientSampled :

VSTDCCC050

Tot Ion:	97	Resp:	117952
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.5	105.7
85	56.7	46.4	69.6
99	63.7	50.2	75.2

Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM



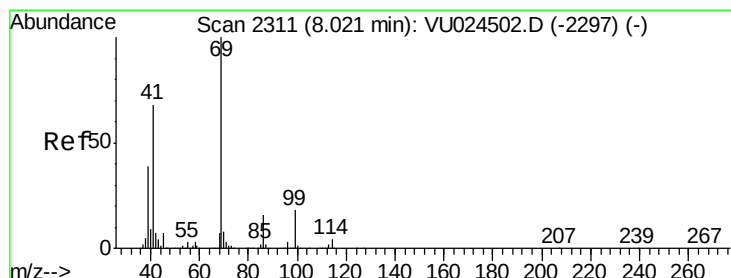
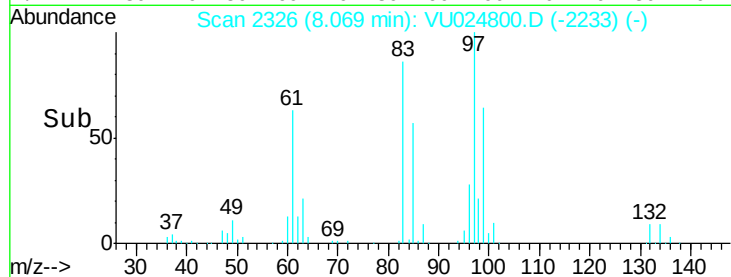
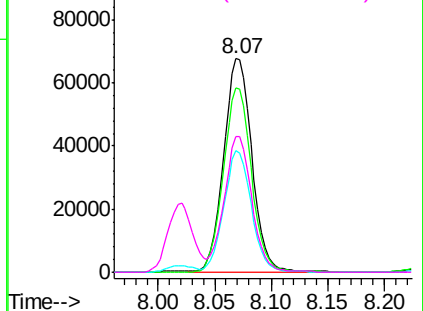
Abundance

Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 47.33 ug/l

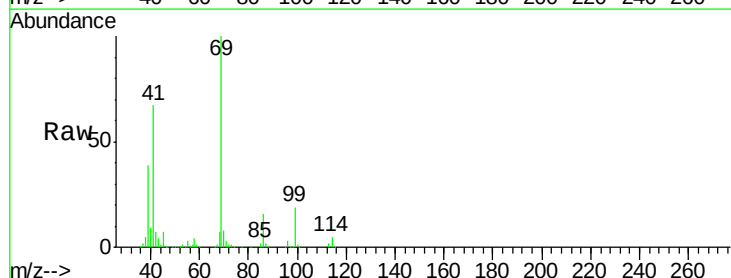
RT: 8.02 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion:	69	Resp:	185360
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.1	81.1
39	39.3	30.3	45.5

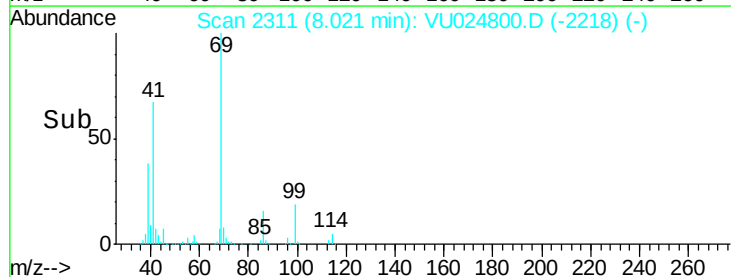
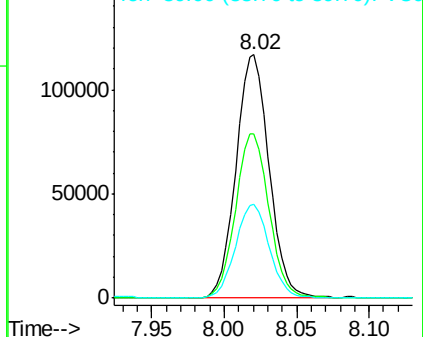


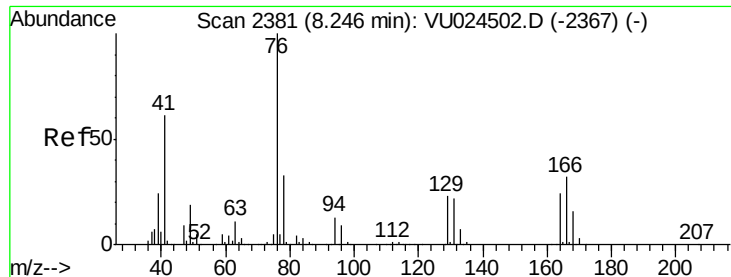
Abundance

Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





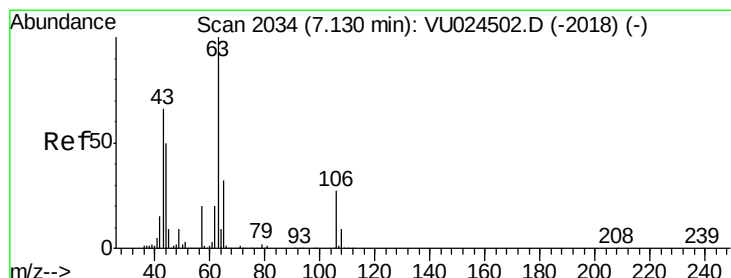
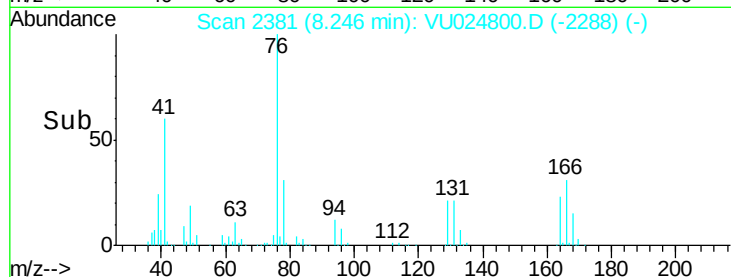
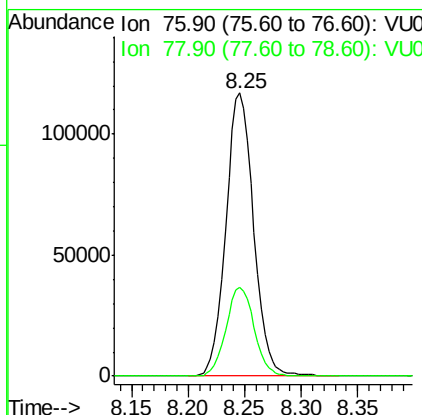
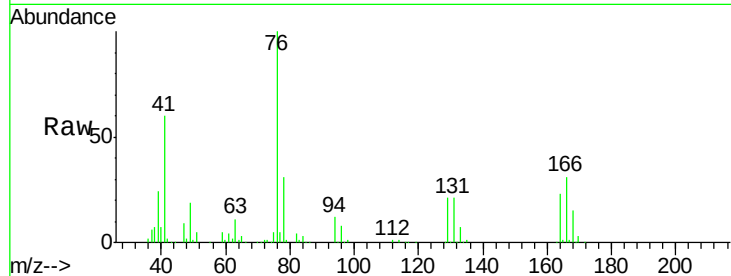
#57
 1,3-Dichloropropane
 Concen: 50.58 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 199678
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8

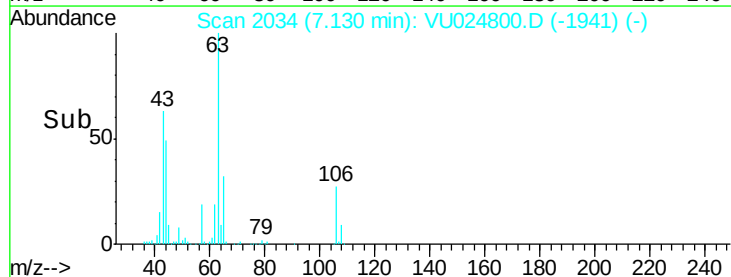
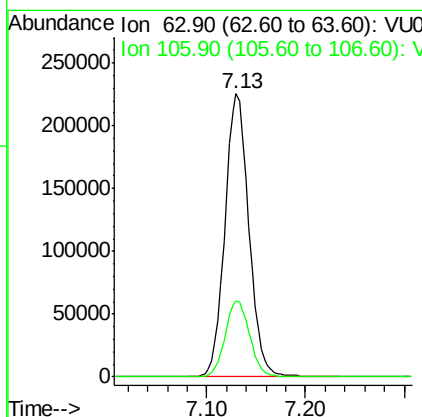
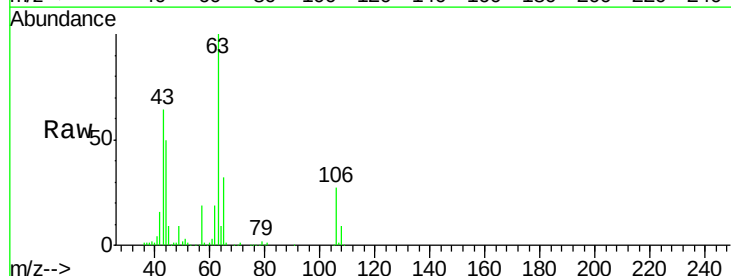
Manual Integrations
 APPROVED

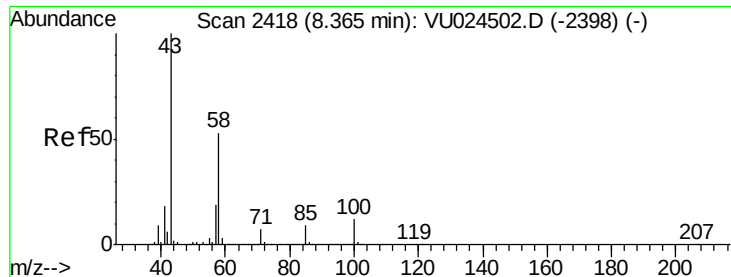
apatel
 6/22/2018 4:01:52 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.36 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion: 63 Resp: 383167
 Ion Ratio Lower Upper
 63 100
 106 27.3 20.2 30.2





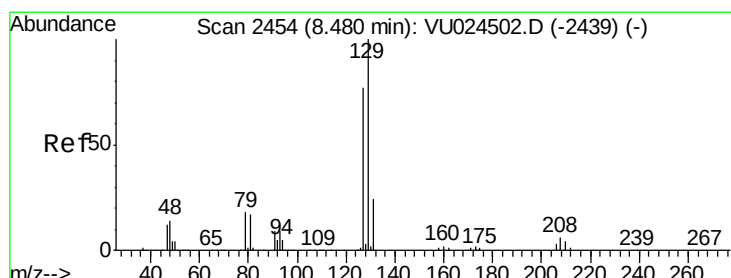
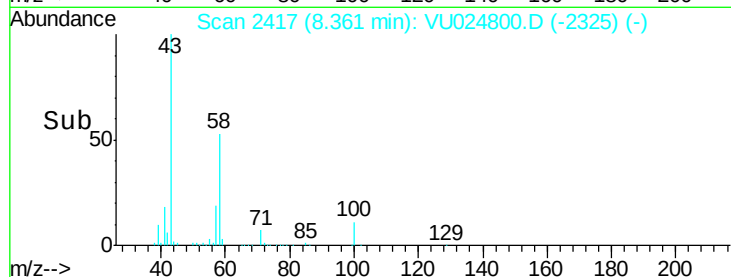
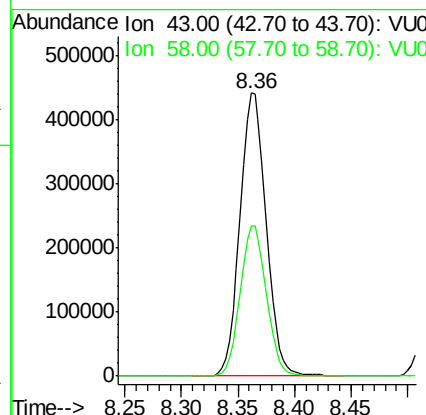
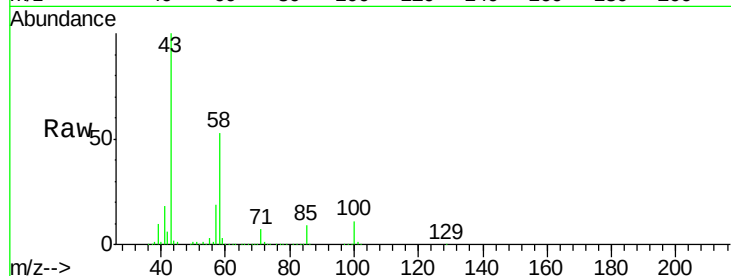
#59
2-Hexanone
Concen: 235.85 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 715673
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0

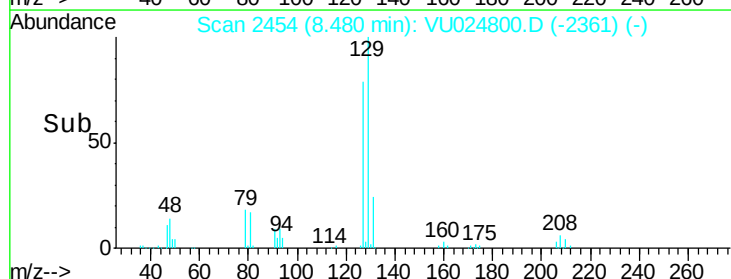
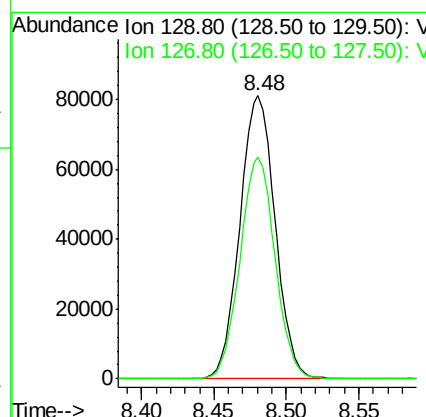
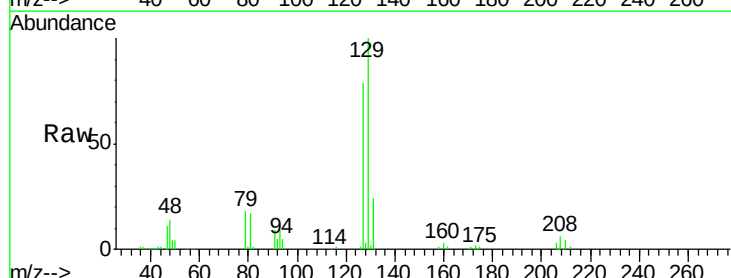
Manual Integrations
APPROVED

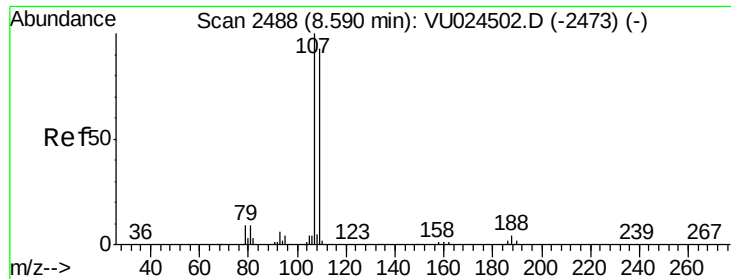
apatel
6/22/2018 4:01:52 PM



#60
Dibromochloromethane
Concen: 47.04 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion: 129 Resp: 137253
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.58 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 129124

Ion Ratio Lower Upper

107 100

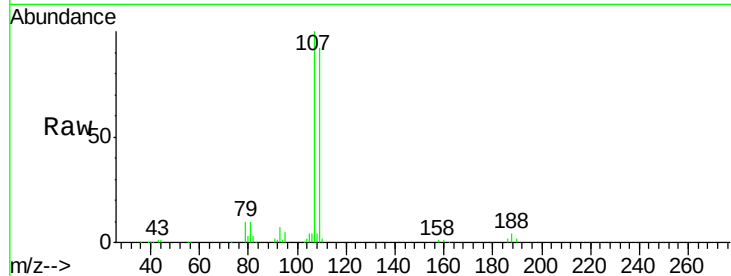
109 94.7 74.5 111.7

Manual Integrations

APPROVED

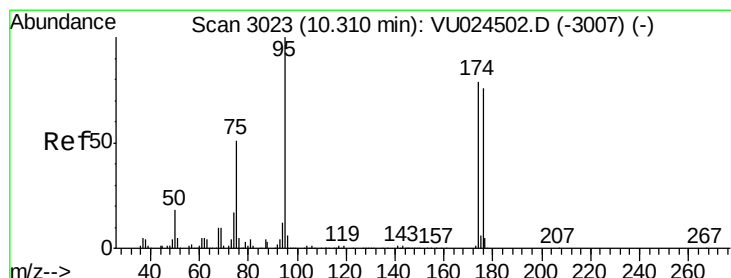
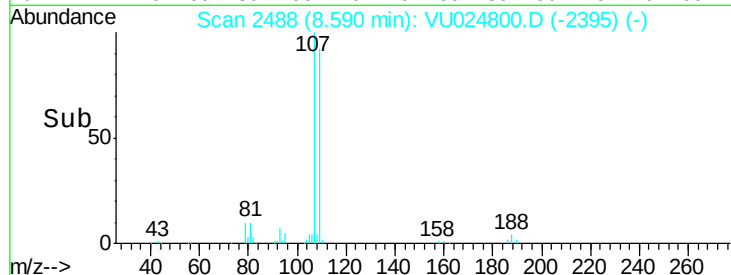
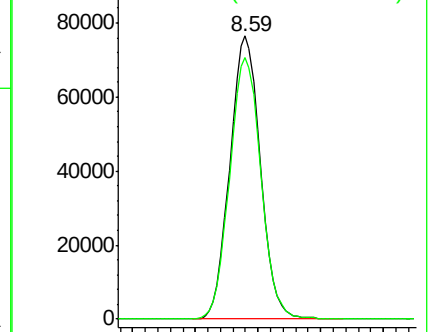
apatel

6/22/2018 4:01:52 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.97 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

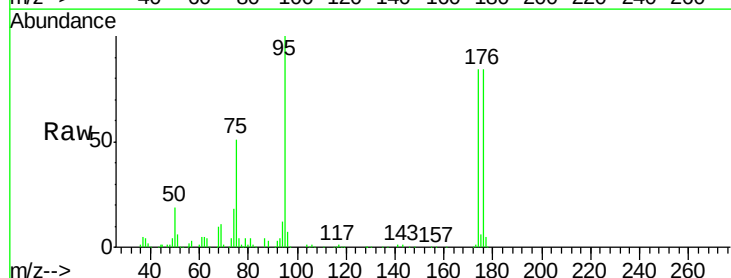
Tgt Ion: 95 Resp: 150874

Ion Ratio Lower Upper

95 100

174 85.4 0.0 165.8

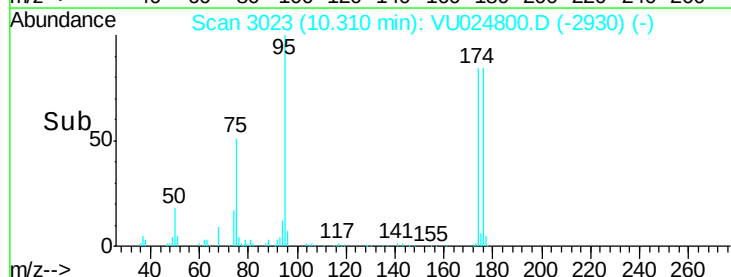
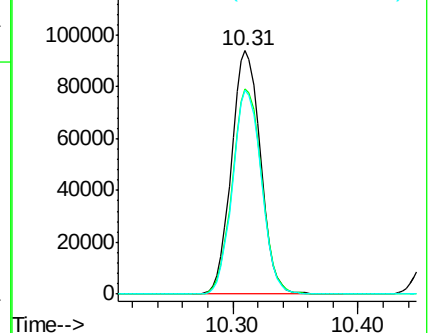
176 83.4 0.0 159.4

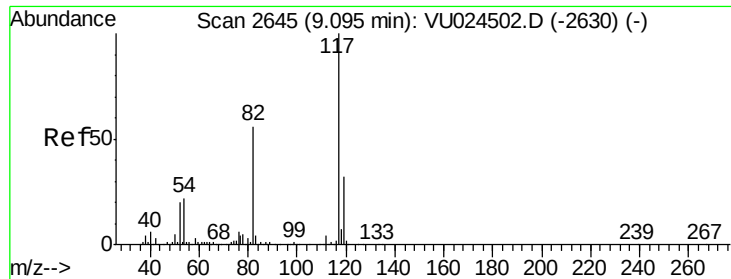


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





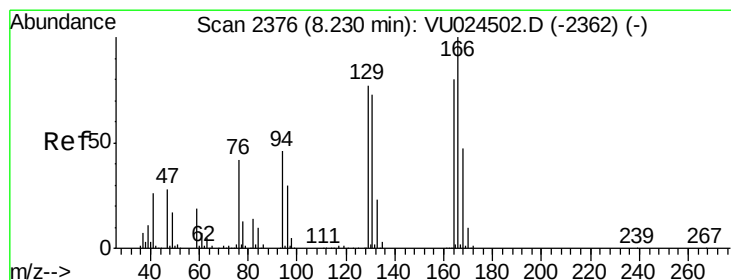
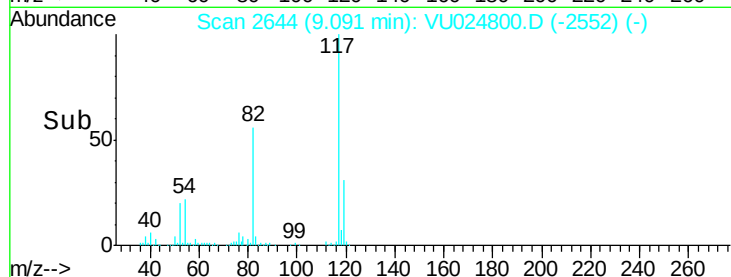
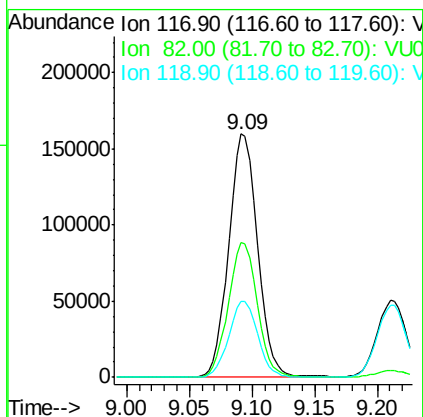
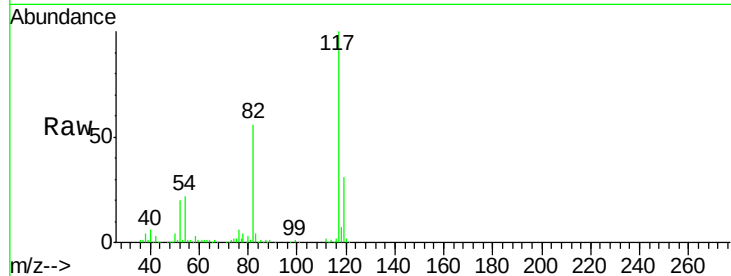
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	255554		
82	55.6	44.3	66.5	
119	31.4	25.4	38.2	

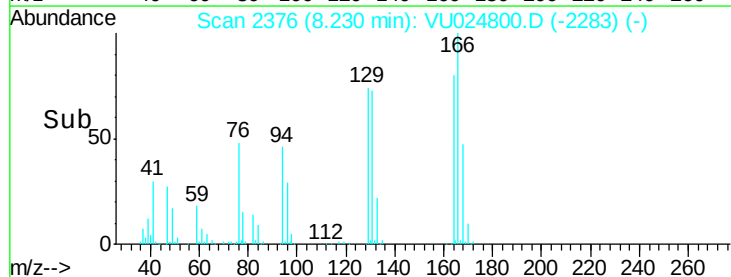
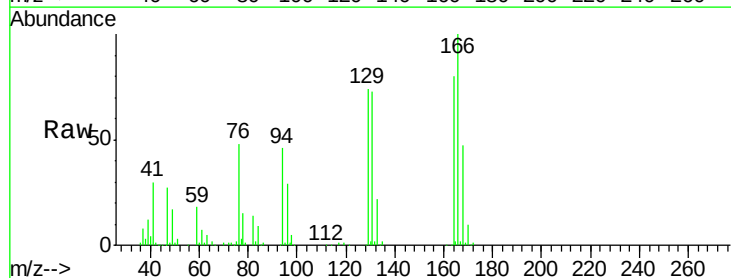
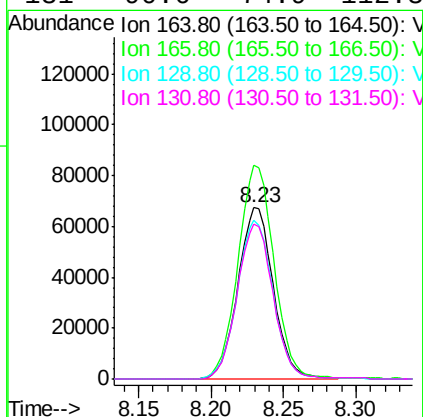
Manual Integrations
APPROVED

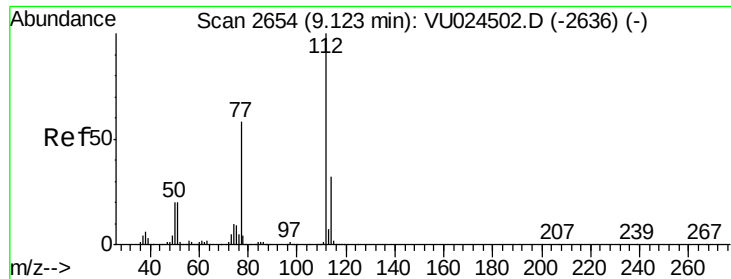
apatel
6/22/2018 4:01:52 PM



#64
Tetrachloroethene
Concen: 47.10 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	114423		
166	124.6	101.7	152.5	
129	92.6	76.9	115.3	
131	90.6	74.9	112.3	





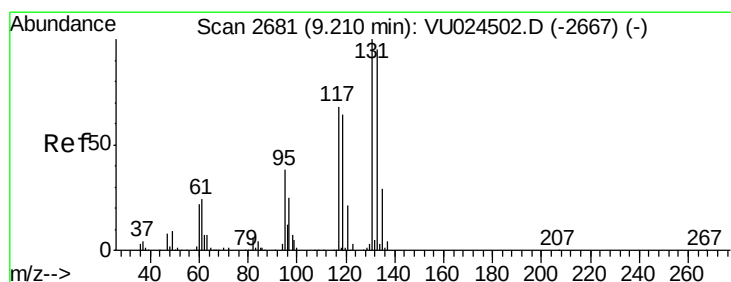
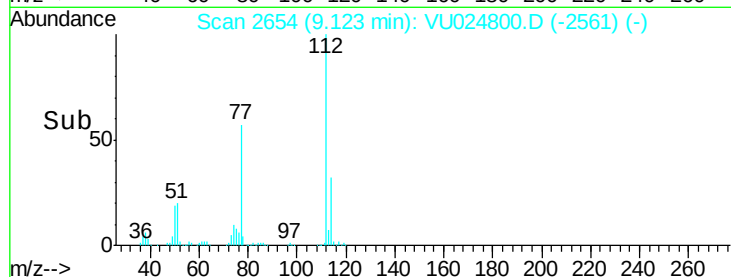
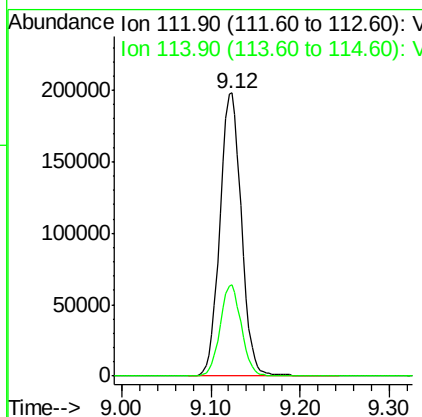
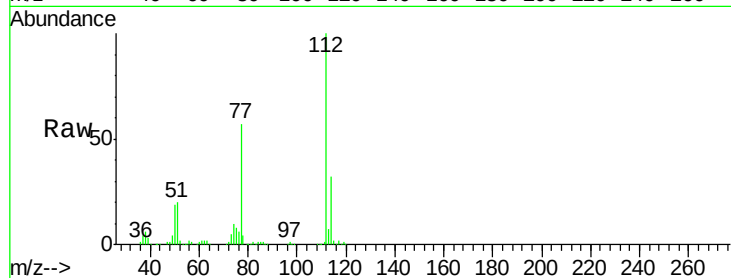
#65
Chlorobenzene
Concen: 50.81 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	331718		
114	32.2	25.6	38.4	

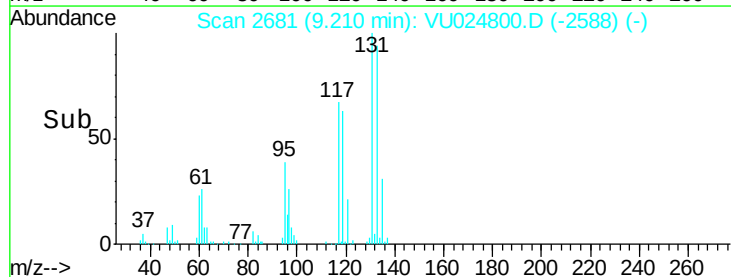
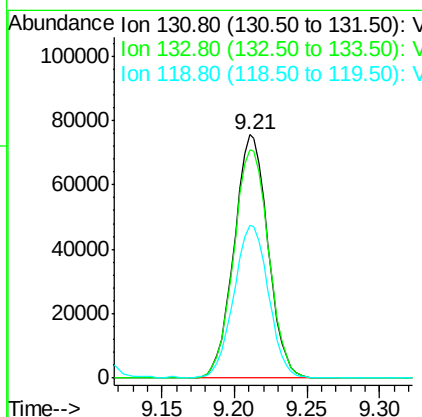
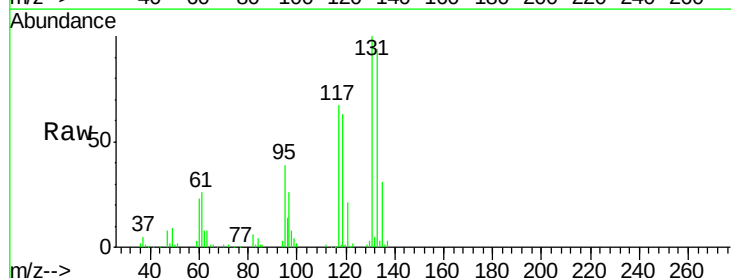
Manual Integrations
APPROVED

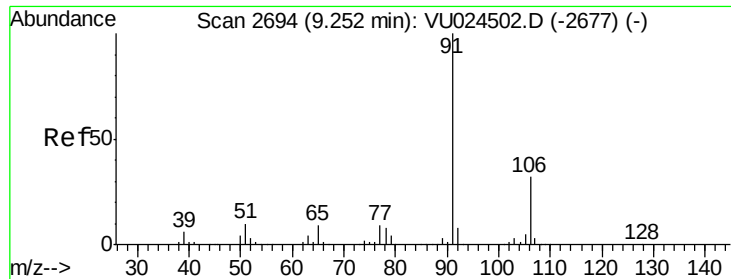
apatel
6/22/2018 4:01:52 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.45 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	122657		
133	96.8	46.9	140.8	
119	64.2	33.5	100.4	





#67

Ethyl Benzene

Concen: 49.91 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 571176

Ion Ratio Lower Upper

91 100

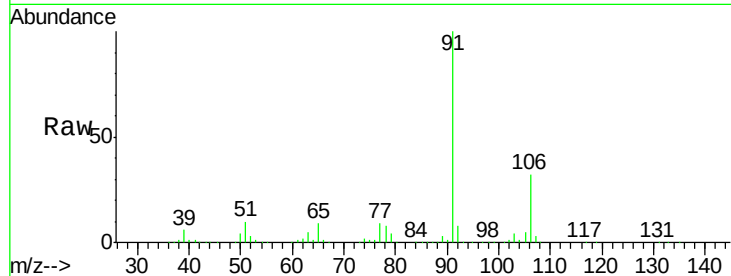
106 32.0 24.2 36.4

Manual Integrations

APPROVED

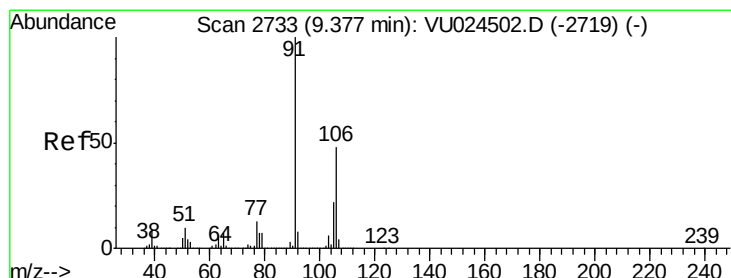
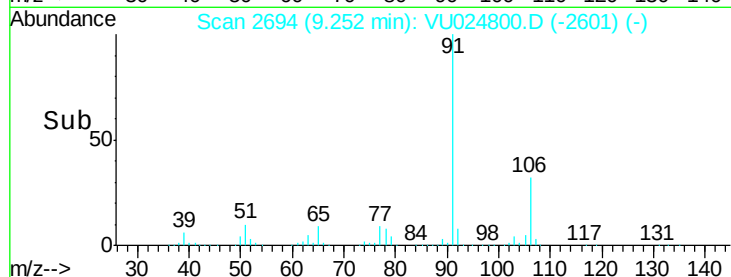
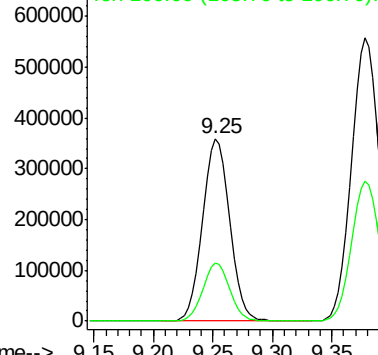
apatel

6/22/2018 4:01:52 PM



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 103.45 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU024800.D

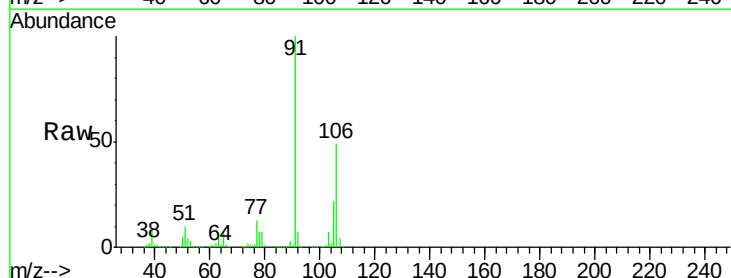
Acq: 21 Jun 2018 10:25

Tgt Ion: 106 Resp: 454661

Ion Ratio Lower Upper

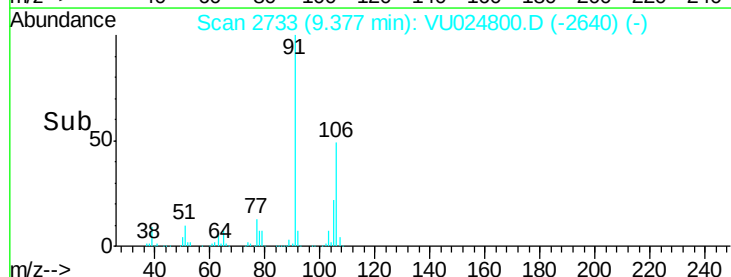
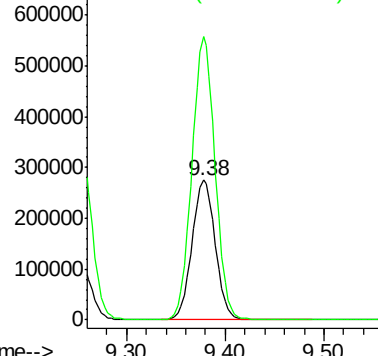
106 100

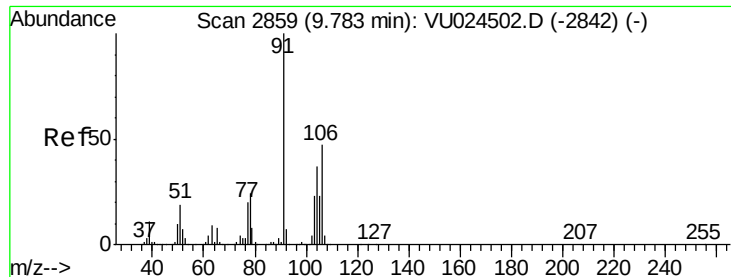
91 201.6 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





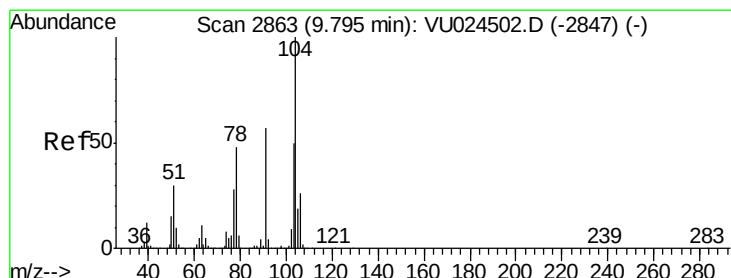
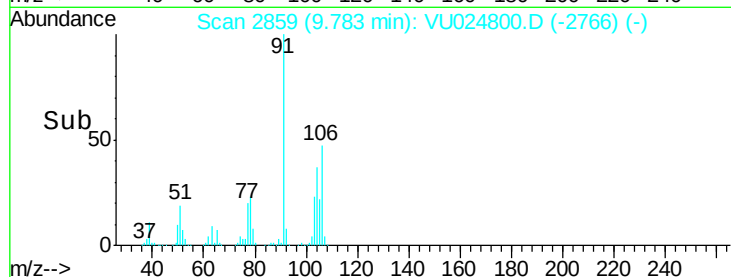
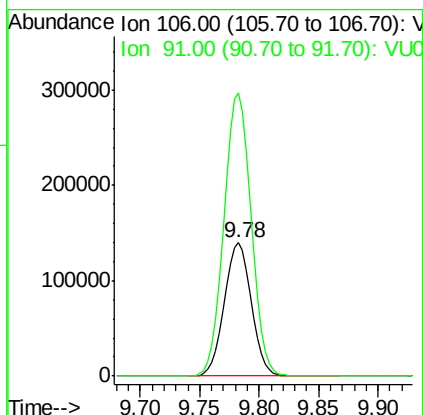
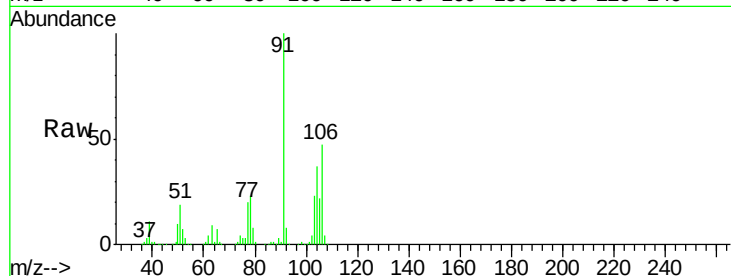
#69
o-Xylene
Concen: 50.55 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.8	110.7	331.9

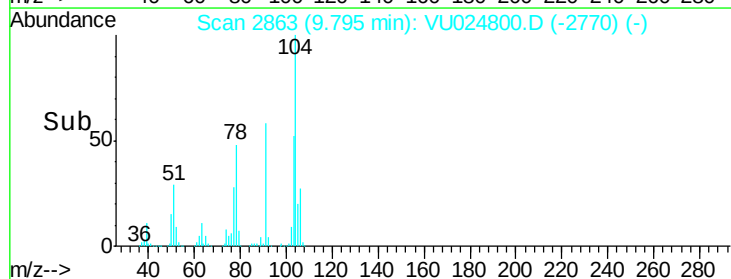
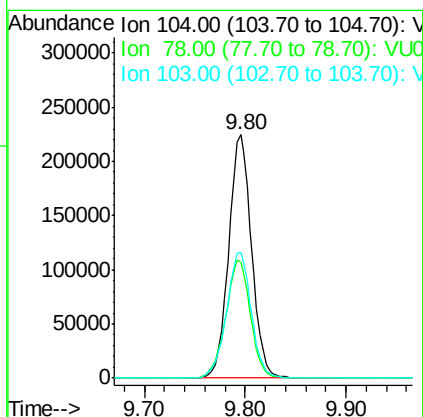
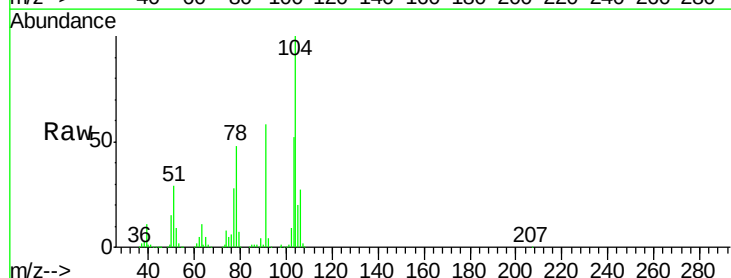
Manual Integrations
APPROVED

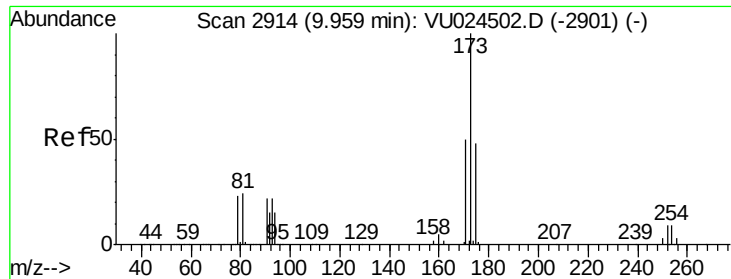
apatel
6/22/2018 4:01:52 PM



#70
Styrene
Concen: 49.69 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.4	40.6	60.8
103	55.6	44.7	67.1





#71

Bromoform

Concen: 46.15 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

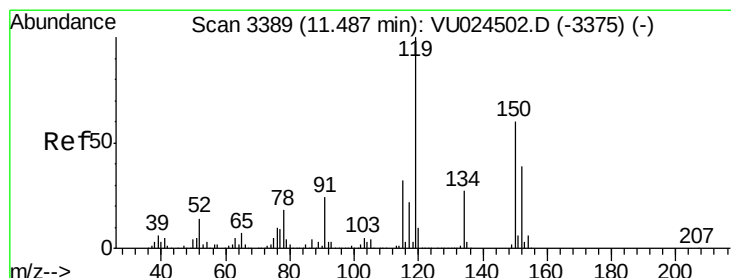
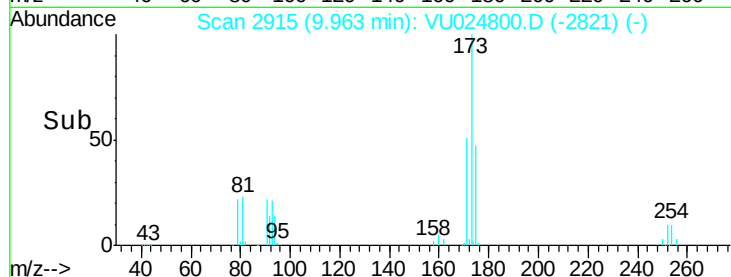
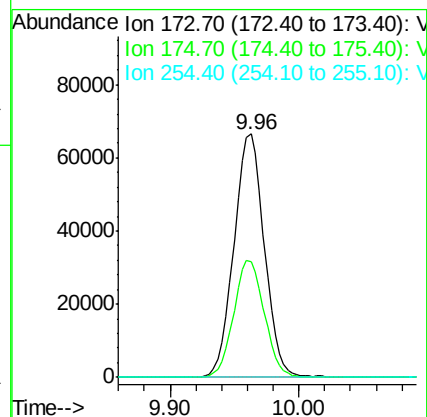
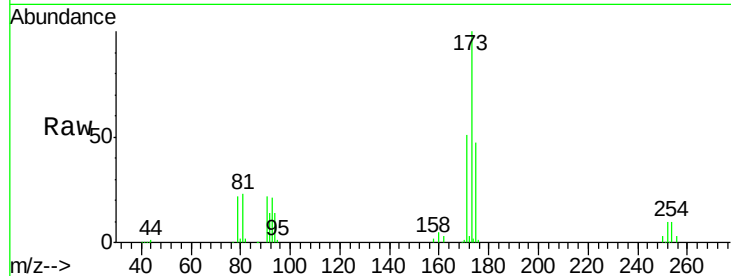
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	108797
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

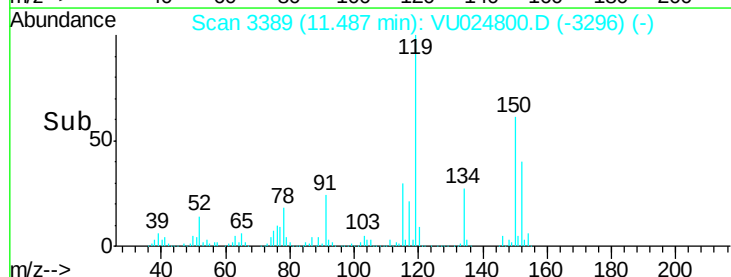
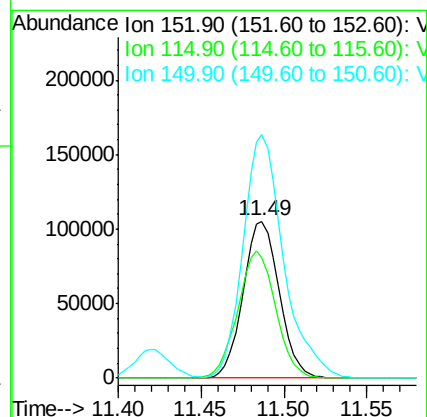
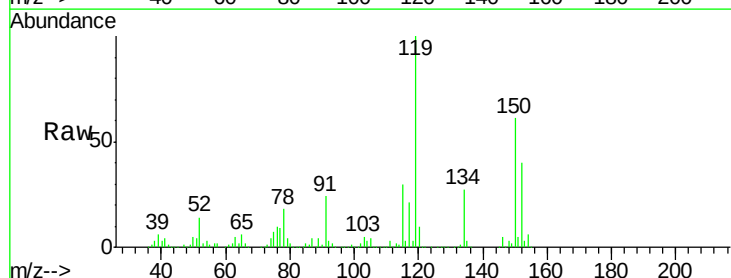
RT: 11.49 min Scan# 3389

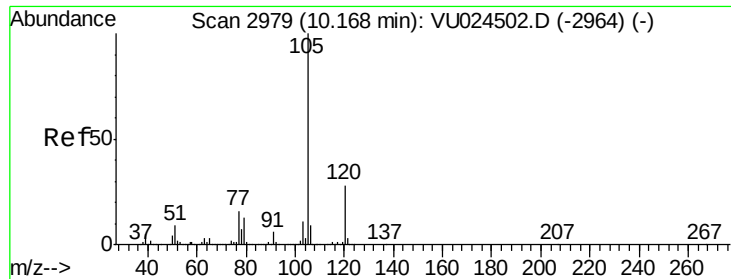
Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion:	152	Resp:	159152
Ion Ratio	Lower	Upper	
152	100		
115	85.1	43.0	129.0
150	174.6	0.0	354.0





#73

Isopropylbenzene

Concen: 48.85 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 596906

Ion Ratio Lower Upper

105 100

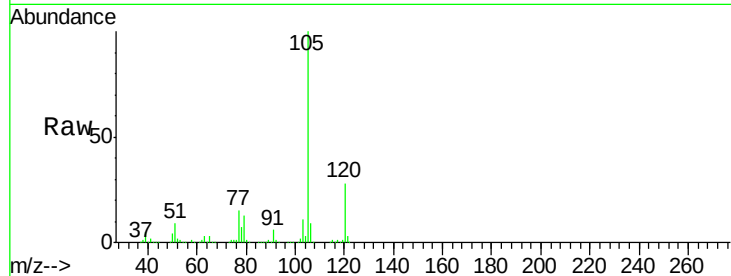
120 27.4 13.2 39.6

Manual Integrations

APPROVED

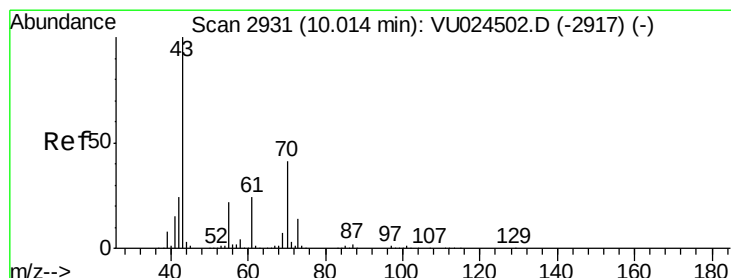
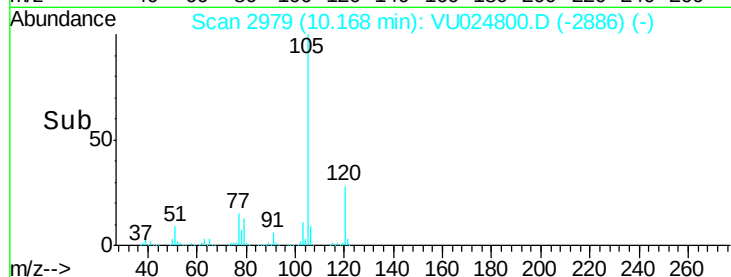
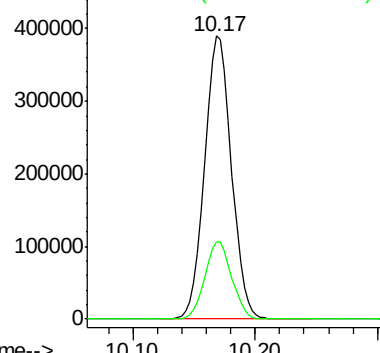
apatel

6/22/2018 4:01:52 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.51 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion: 43 Resp: 258699

Ion Ratio Lower Upper

43 100

70 41.5 32.2 48.4

55 23.3 20.5 30.7

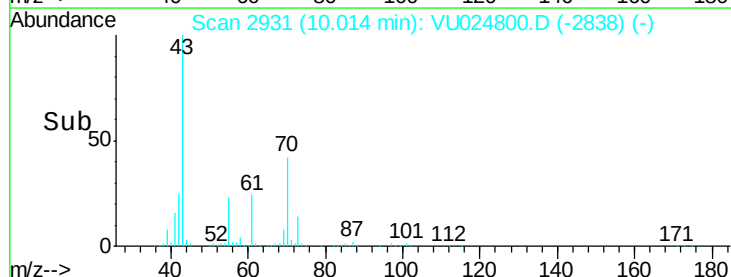
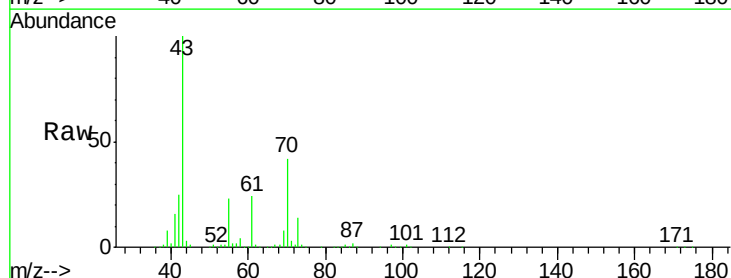
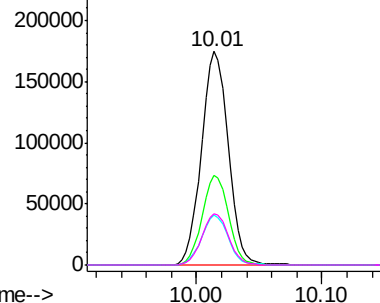
61 23.8 18.7 28.1

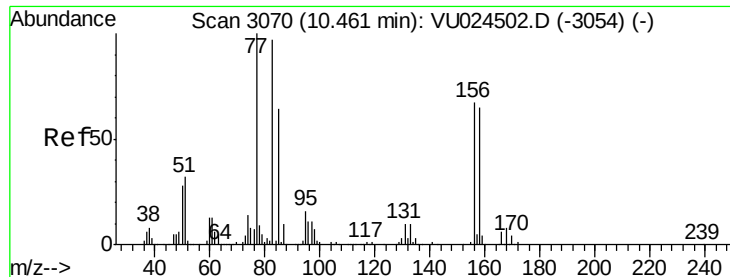
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 46.56 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 190654

Ion Ratio Lower Upper

83 100

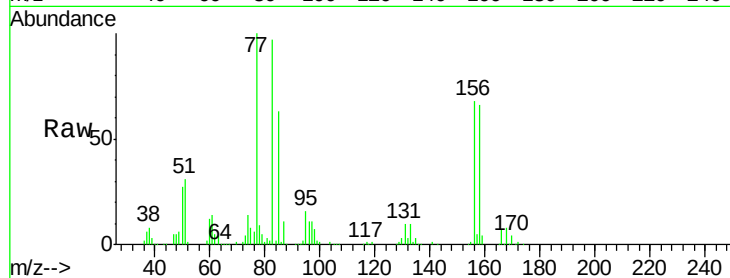
131 10.6 4.7 14.1

85 65.3 32.5 97.5

Manual Integrations
APPROVED

apatel

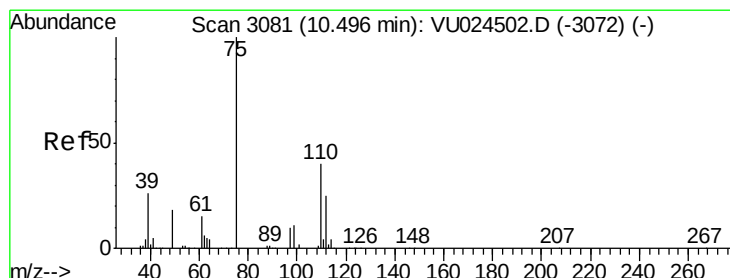
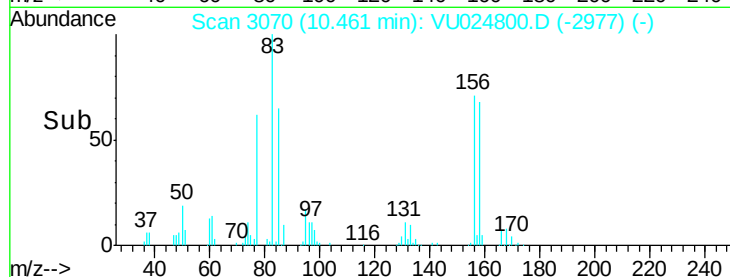
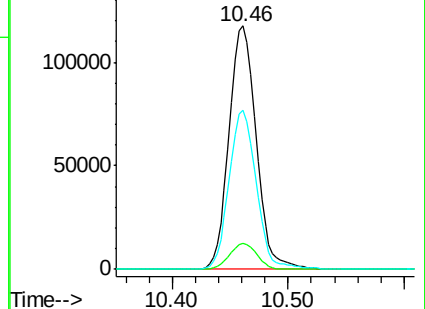
6/22/2018 4:01:52 PM



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 46.63 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024800.D

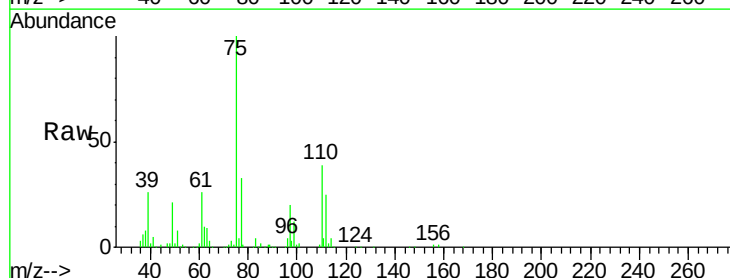
Acq: 21 Jun 2018 10:25

Tgt Ion: 75 Resp: 163387

Ion Ratio Lower Upper

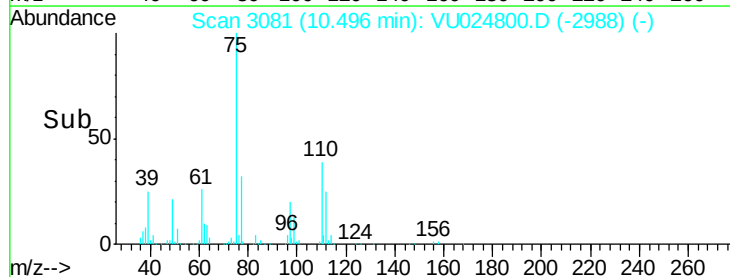
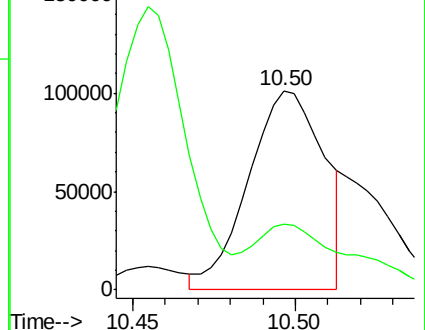
75 100

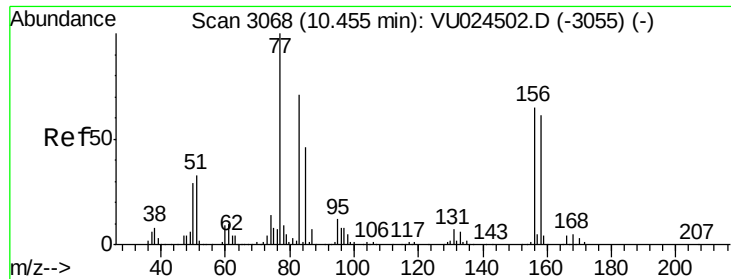
77 41.4 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 48.95 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

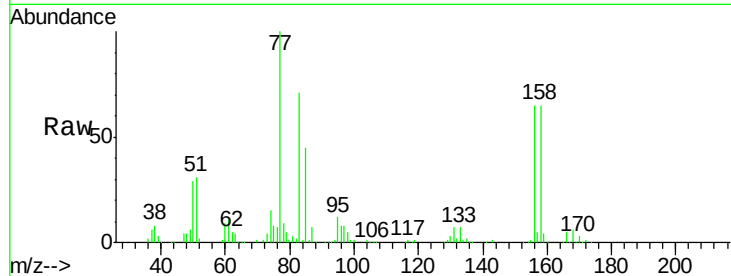
ClientSampleId :

VSTDCCC050

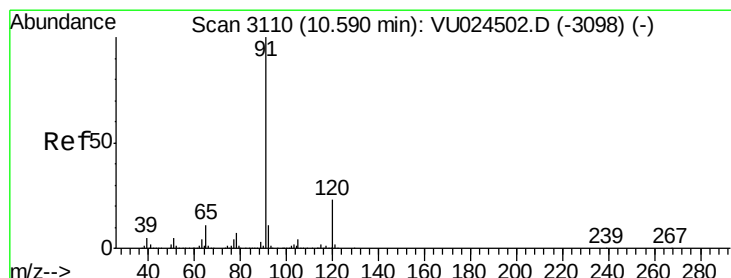
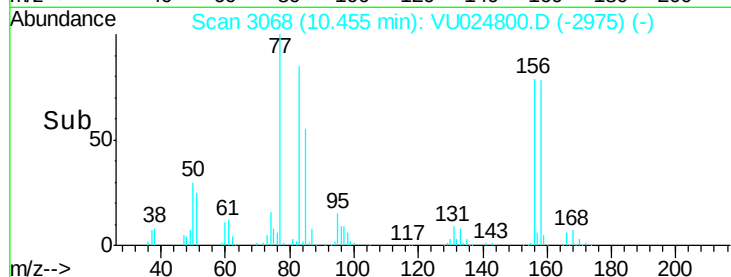
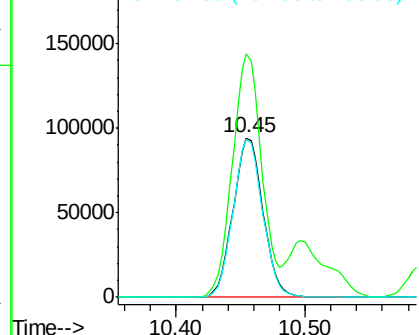
Tot Ion:	156	Resp:	151435
Ion Ratio	Lower	Upper	
156	100		
77	150.9	80.5	241.3
158	98.0	48.2	144.6

Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.41 ug/l

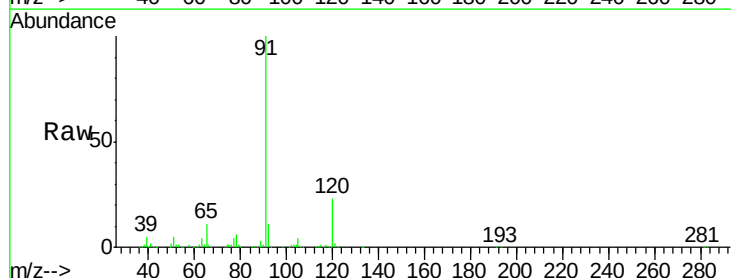
RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

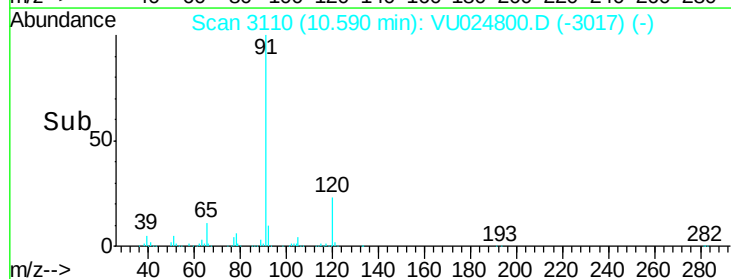
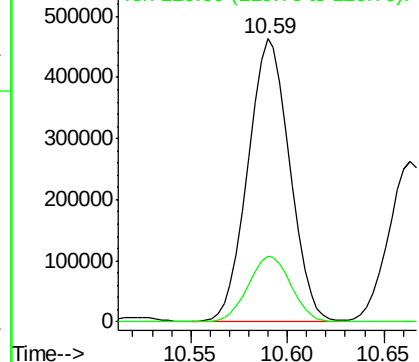
Lab File: VU024800.D

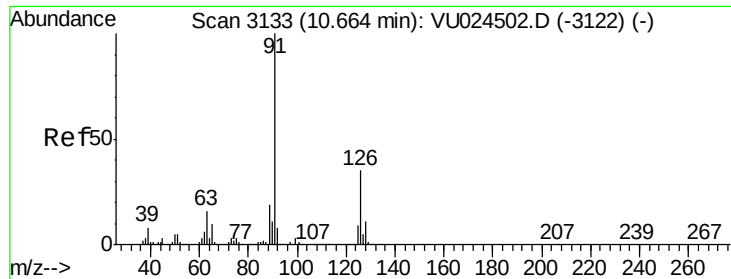
Acq: 21 Jun 2018 10:25

Tgt Ion:	91	Resp:	696775
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.46 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 411330

Ion Ratio Lower Upper

91 100

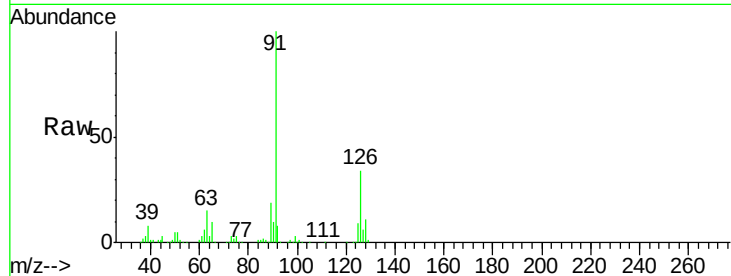
126 34.7 16.9 50.7

Manual Integrations

APPROVED

apatel

6/22/2018 4:01:52 PM



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU024502.D (-3122) (-)

500000

400000

300000

200000

100000

0

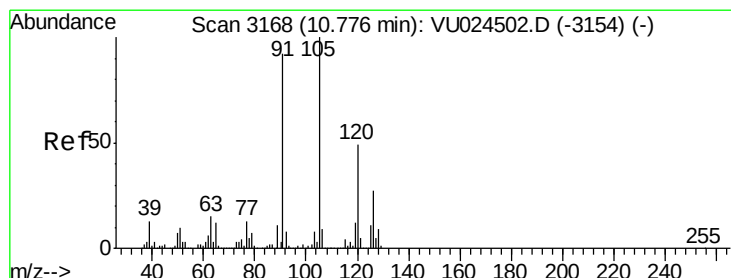
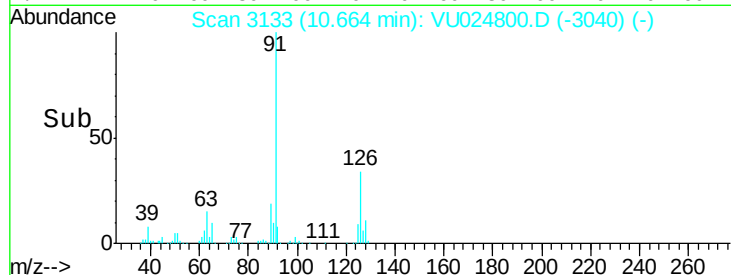
10.60

10.65

10.70

10.75

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.44 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024800.D

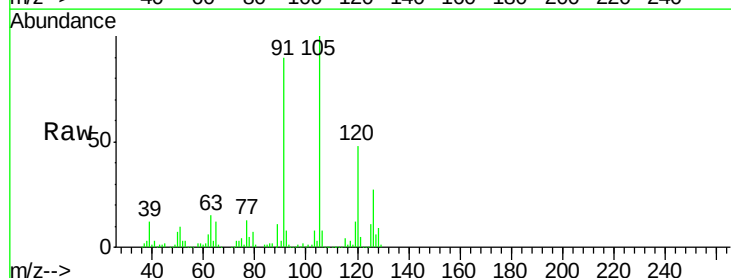
Acq: 21 Jun 2018 10:25

Tgt Ion:105 Resp: 523652

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU024502.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3154) (-)

400000

300000

200000

100000

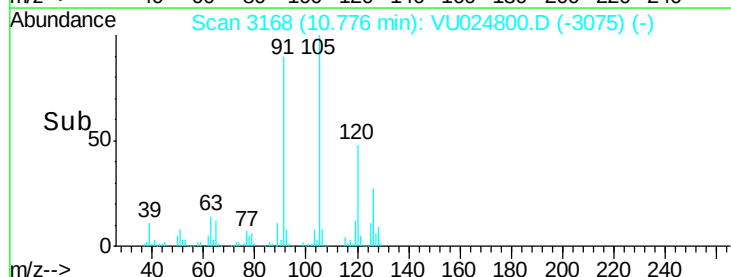
0

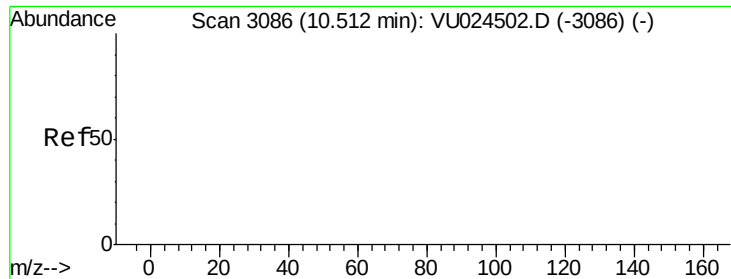
10.70

10.75

10.80

Time-->





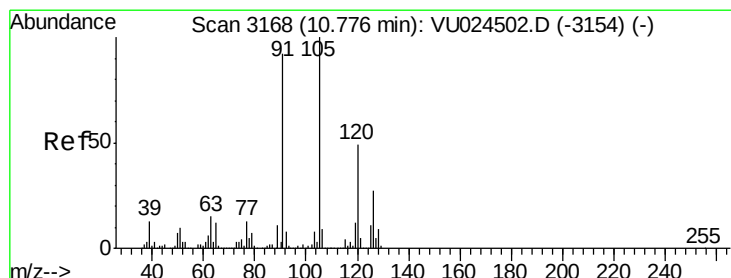
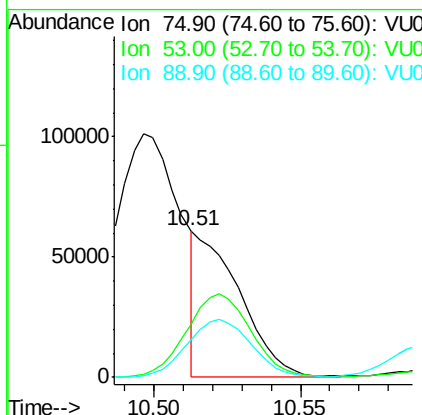
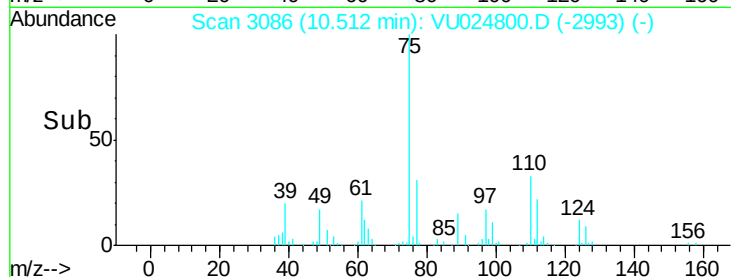
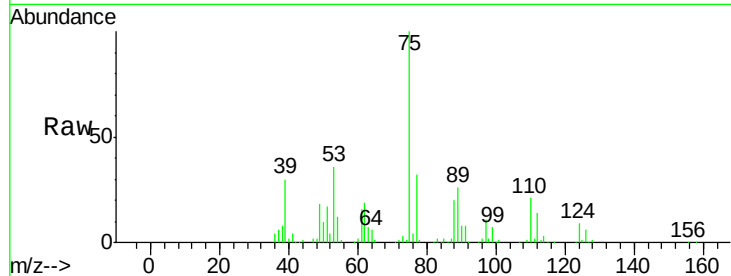
#81
trans-1,4-Dichloro-2-butene
Concen: 41.53 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

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

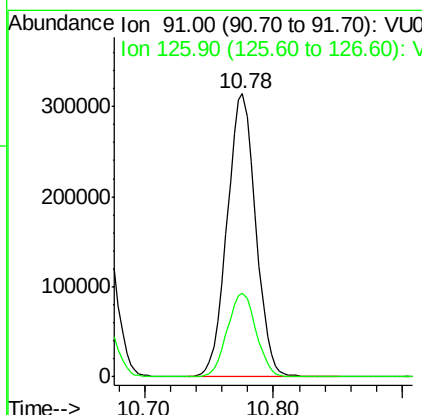
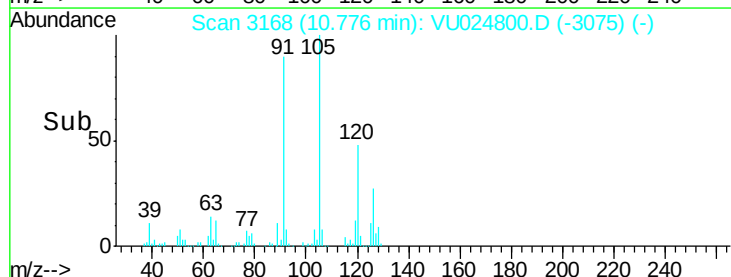
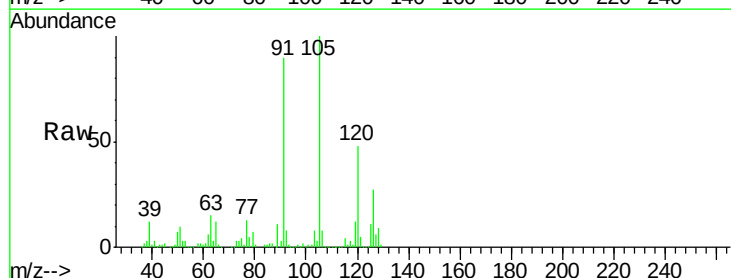
Manual Integrations
APPROVED

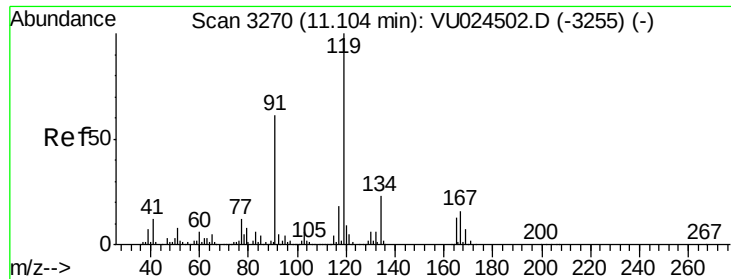
apatel
6/22/2018 4:01:52 PM



#82
4-Chlorotoluene
Concen: 48.69 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.9	44.9





#83

tert-Butylbenzene

Concen: 50.70 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

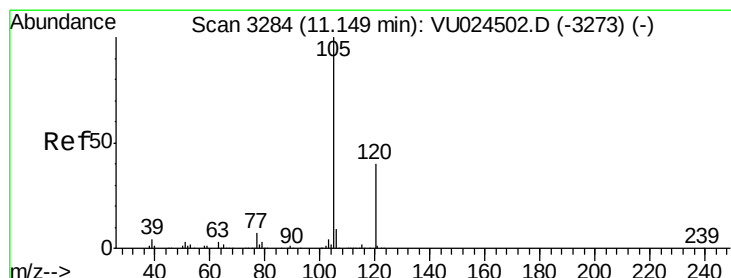
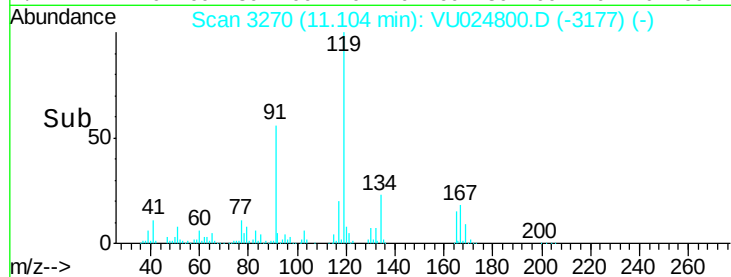
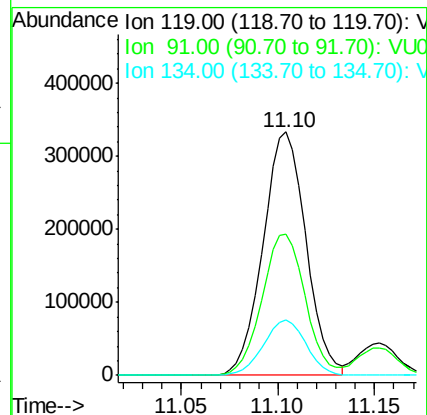
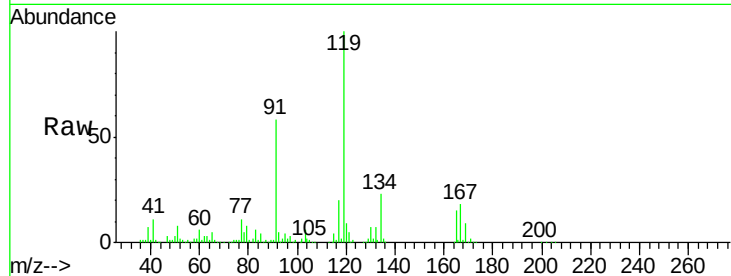
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	516552
Ion Ratio	Lower	Upper	
119	100		
91	58.6	29.7	89.1
134	22.7	11.6	34.7

Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM



#84

1,2,4-Trimethylbenzene

Concen: 49.63 ug/l

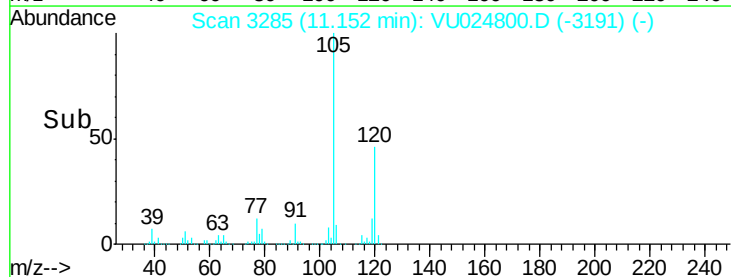
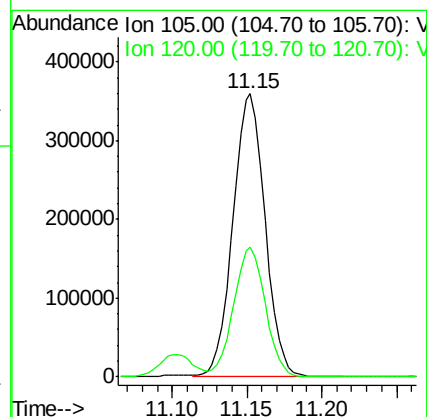
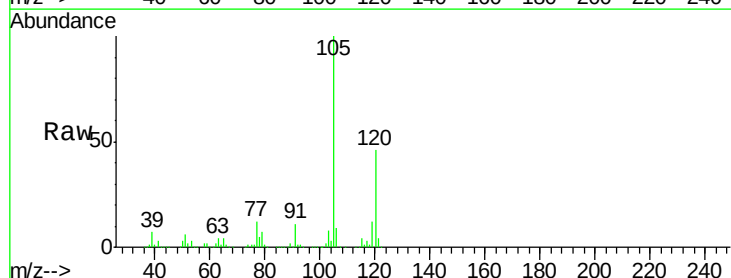
RT: 11.15 min Scan# 3285

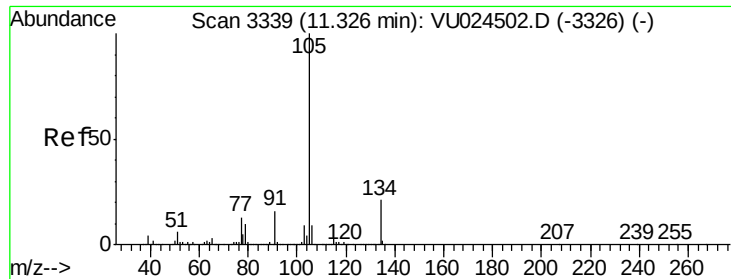
Delta R.T. 0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion:	105	Resp:	535674
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.6	67.8





#85

sec-Butylbenzene

Concen: 49.81 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 635149

Ion Ratio Lower Upper

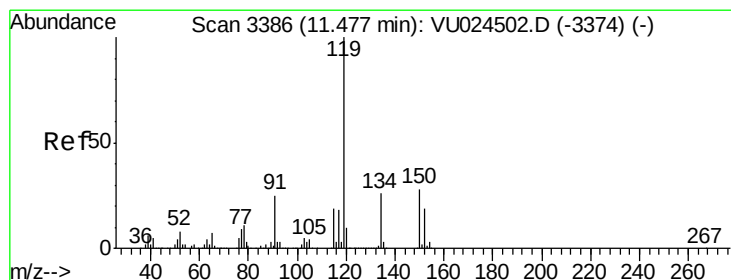
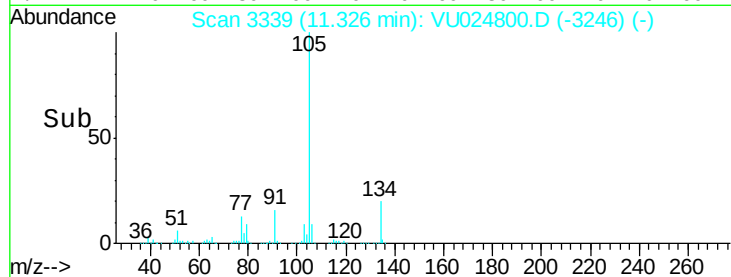
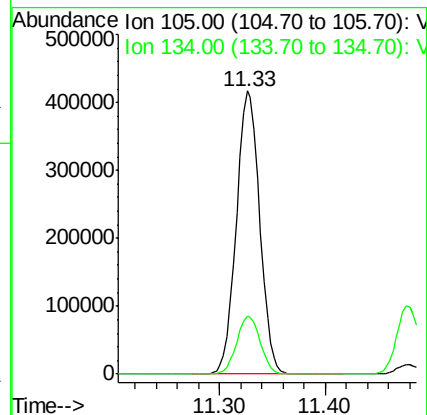
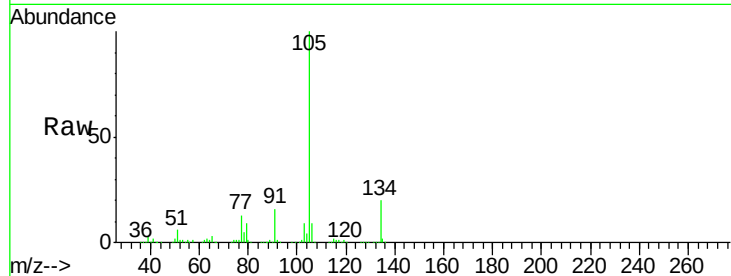
105 100

134 20.6 9.7 29.1

Manual Integrations
APPROVED

apatel

6/22/2018 4:01:52 PM



#86

p-Isopropyltoluene

Concen: 49.96 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

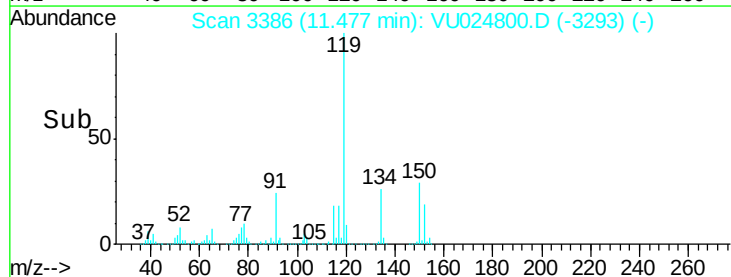
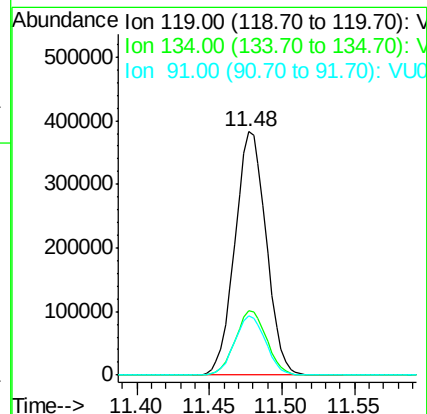
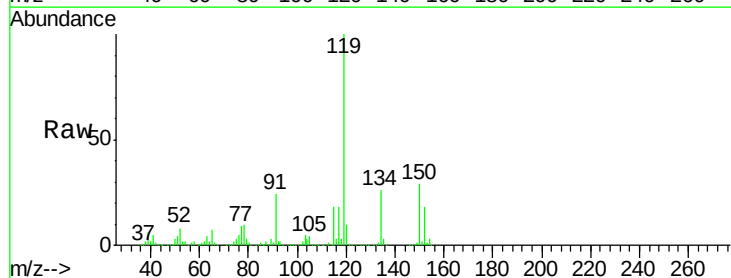
Tgt Ion:119 Resp: 570627

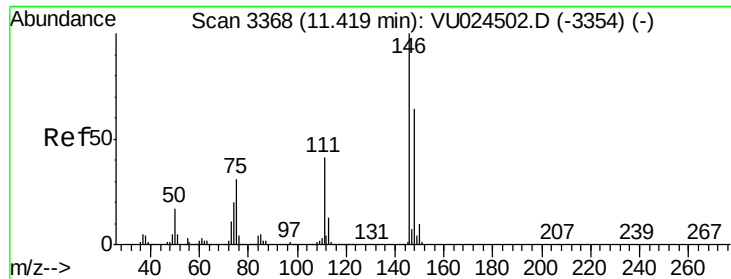
Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

91 24.3 12.0 36.1





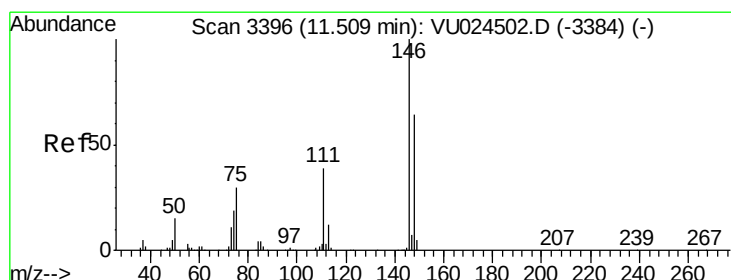
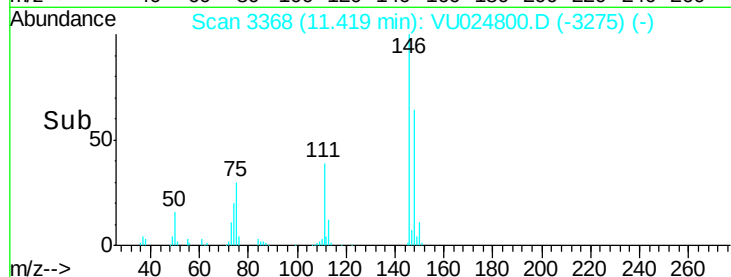
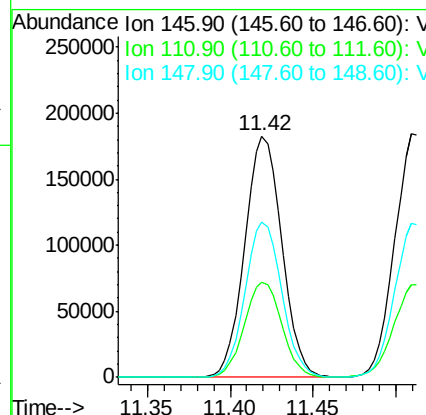
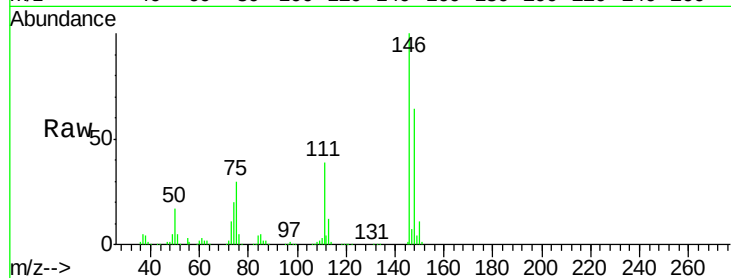
#87
 1,3-Dichlorobenzene
 Concen: 49.71 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	63.9	32.1	96.5

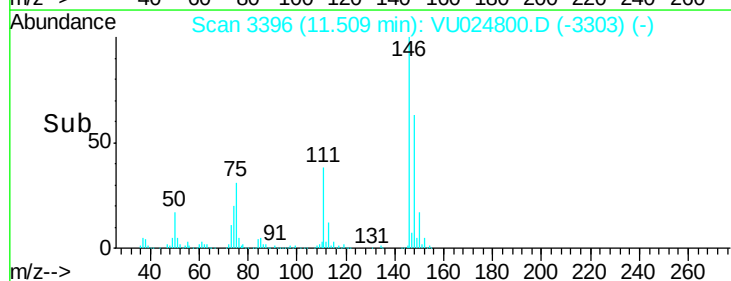
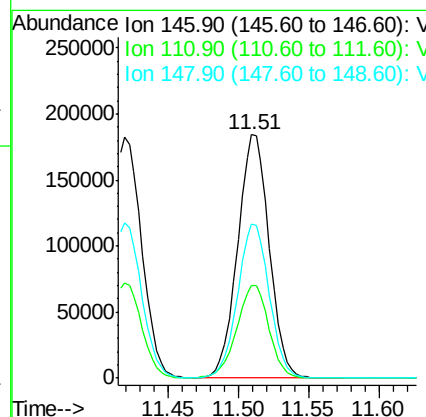
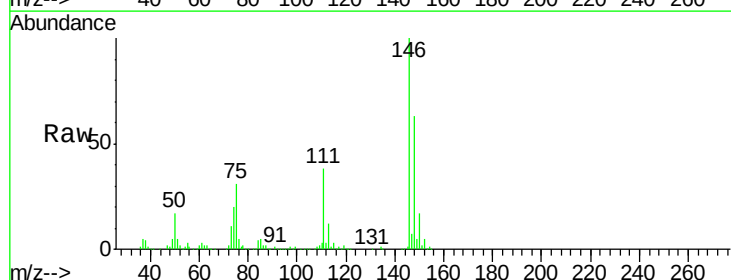
Manual Integrations
 APPROVED

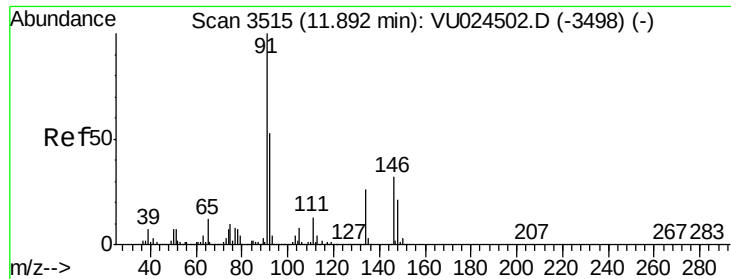
apatel
 6/22/2018 4:01:52 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.11 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	63.6	32.4	97.0





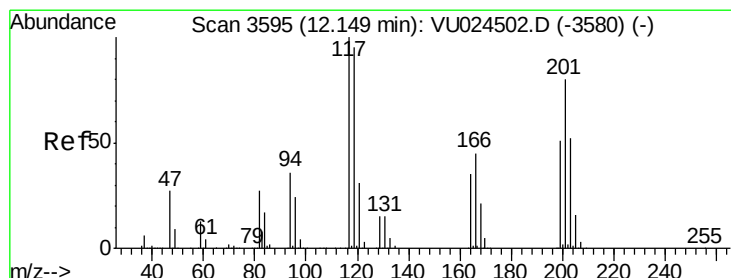
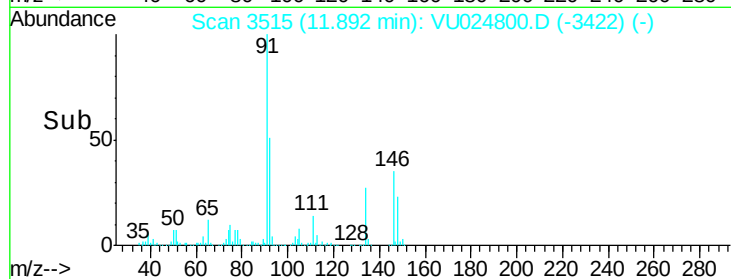
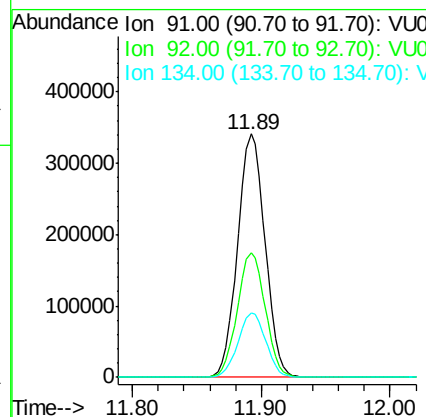
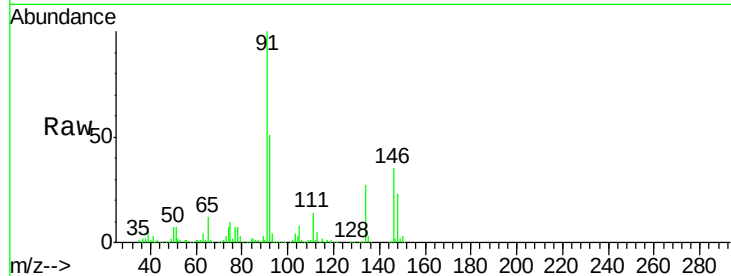
#89
n-Butylbenzene
Concen: 49.73 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.6	76.8
134	26.7	12.3	36.8

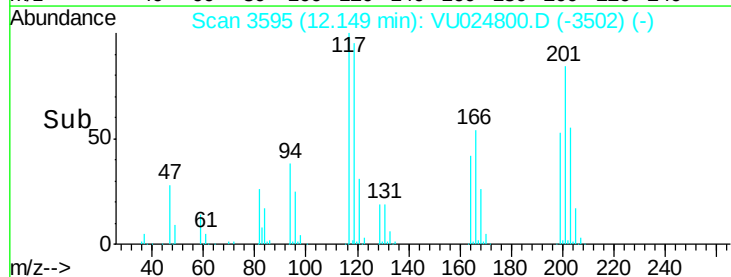
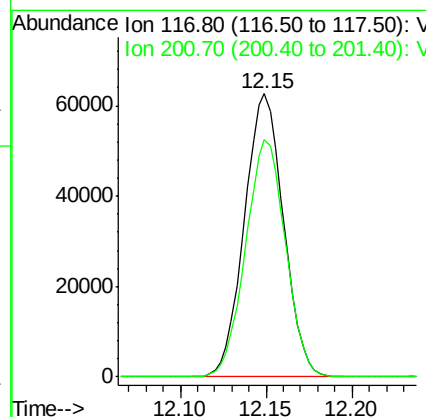
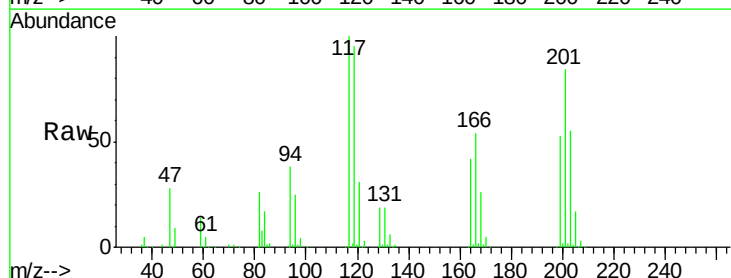
Manual Integrations
APPROVED

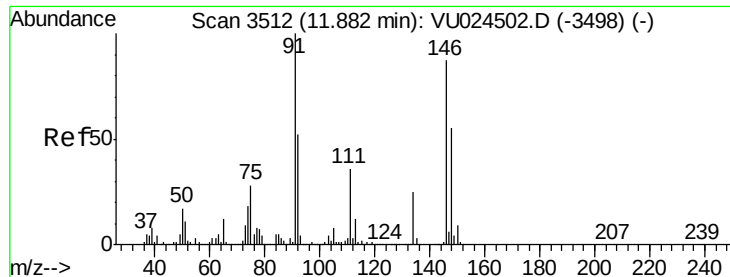
apatel
6/22/2018 4:01:52 PM



#90
Hexachloroethane
Concen: 44.36 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.2	41.1	123.3





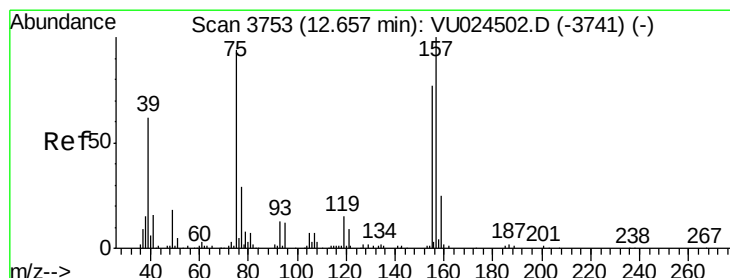
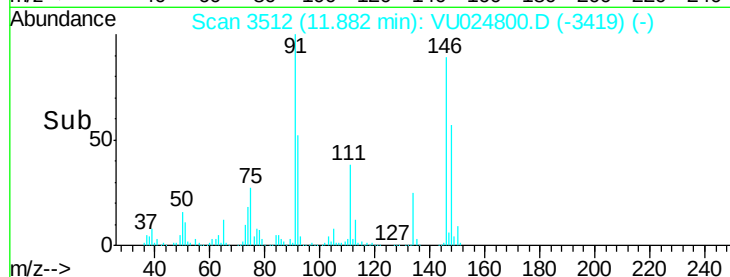
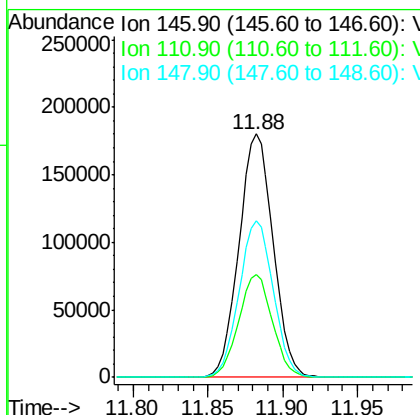
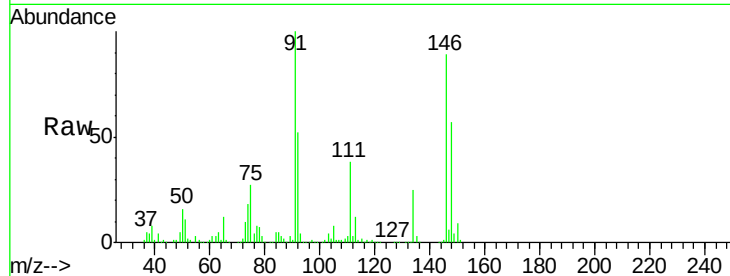
#91
 1,2-Dichlorobenzene
 Concen: 50.02 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
146	100		
111	41.7	20.5	61.6
148	64.3	31.9	95.7

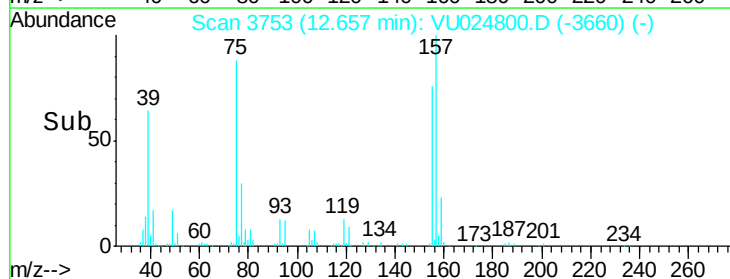
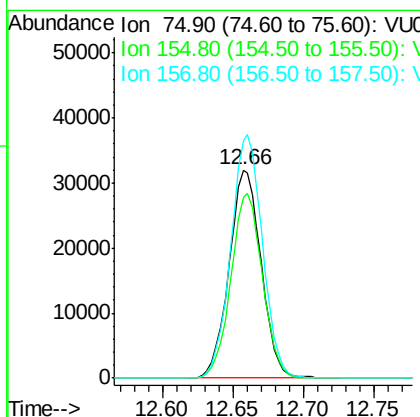
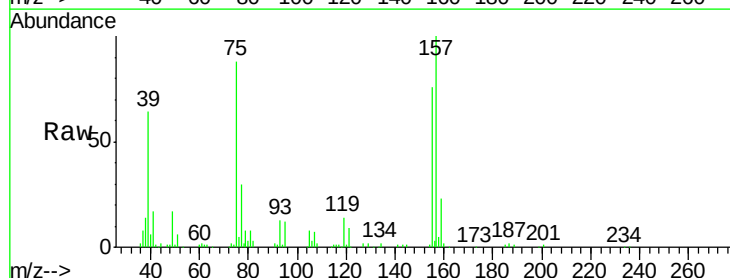
Manual Integrations
 APPROVED

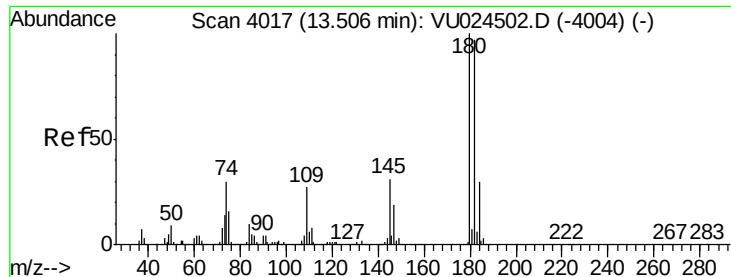
apatel
 6/22/2018 4:01:52 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.91 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Resp Lower	Upper
75	100		
155	87.4	40.4	121.2
157	115.8	52.3	156.8





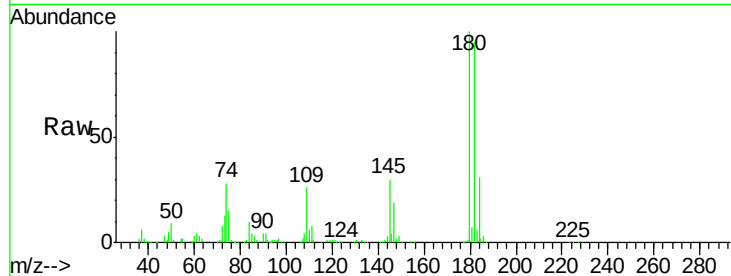
#93
 1,2,4-Trichlorobenzene
 Concen: 59.15 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

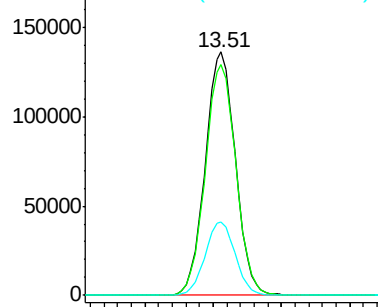
Tot Ion	Ratio	Resp	Lower	Upper
180	100	209081		
182	96.3	48.0	144.2	
145	30.1	14.7	44.1	

Manual Integrations
 APPROVED

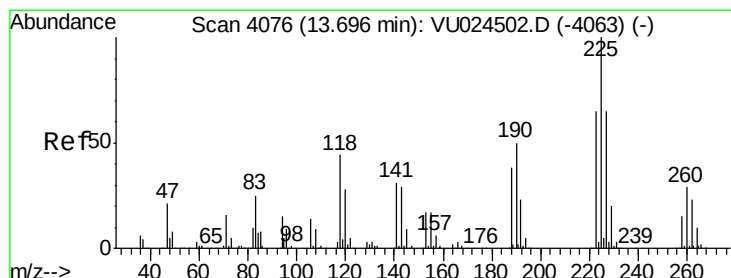
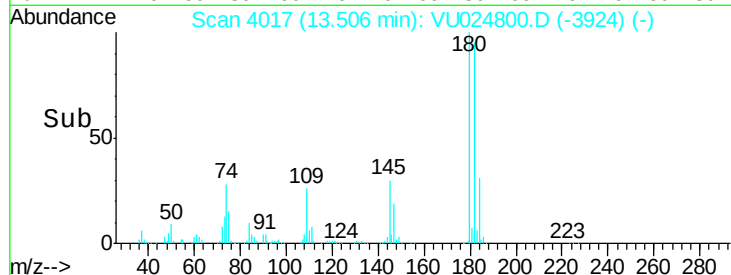
apatel
 6/22/2018 4:01:52 PM



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

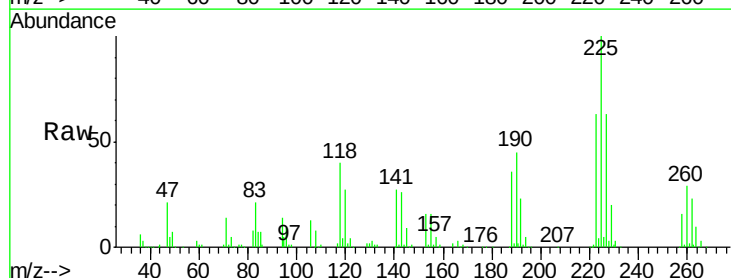


Time-->

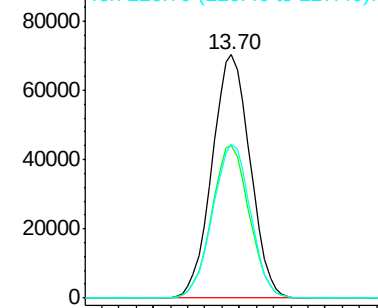


#94
 Hexachlorobutadiene
 Concen: 54.34 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

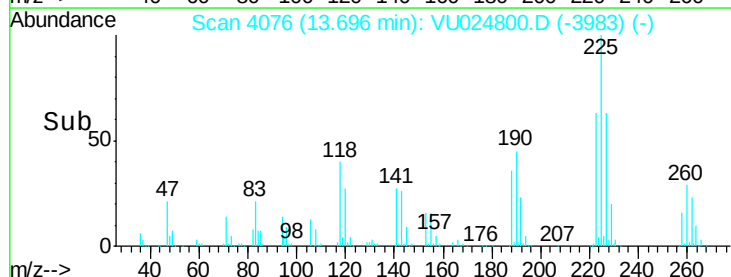
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108120		
223	62.1	31.3	93.8	
227	62.9	31.8	95.4	

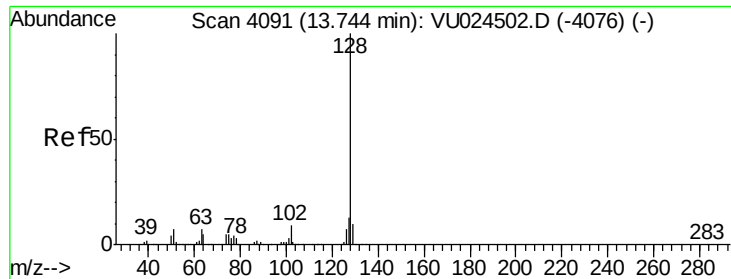


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 55.17 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

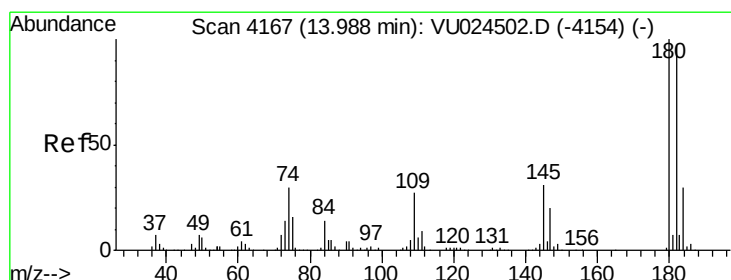
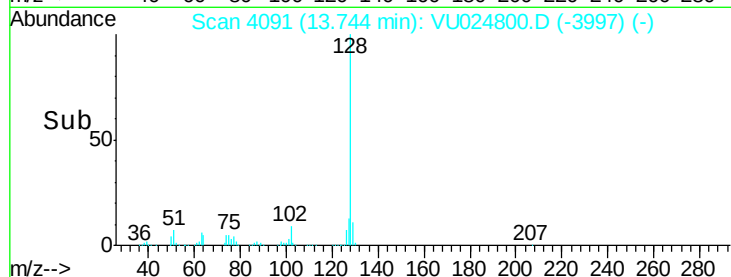
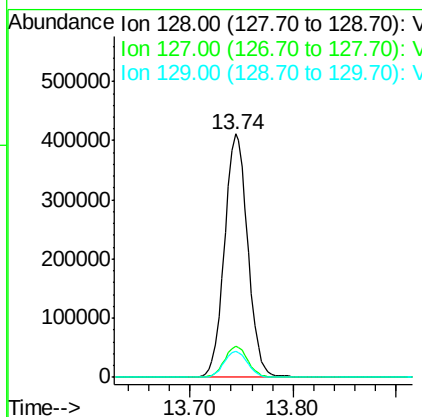
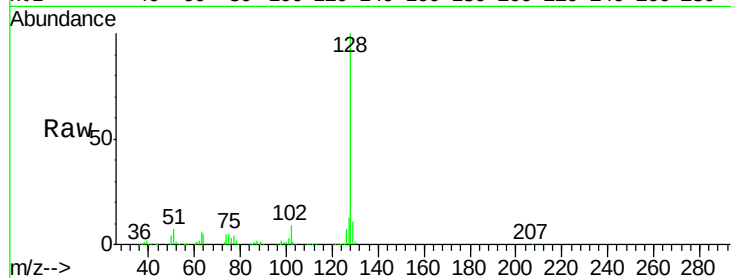
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations
APPROVED

apatel
6/22/2018 4:01:52 PM



#96

1,2,3-Trichlorobenzene

Concen: 60.66 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.7
145	31.3	15.4	46.1

