

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001526.D
 Acq On : 08 May 2018 20:41
 Operator : JC/MD
 Sample : VX0508WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2018 1:11:26 PM

Quant Time: May 09 07:35:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	282763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	186409	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168597	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
35) Dibromofluoromethane	5.51	113	135392	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	8.72	98	468267	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.14	95	175121	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	59726	21.17	ug/l	98
3) Chloromethane	1.32	50	62470	22.74	ug/l	98
4) Vinyl Chloride	1.40	62	64882	22.63	ug/l	100
5) Bromomethane	1.64	94	36437	26.12	ug/l	100
6) Chloroethane	1.72	64	45153	23.83	ug/l	98
7) Trichlorofluoromethane	1.93	101	97397	22.57	ug/l	100
8) Diethyl Ether	2.19	74	40123	23.72	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53481	21.14	ug/l	99
10) Methyl Iodide	2.51	142	67587	18.52	ug/l	100
11) Tert butyl alcohol	3.09	59	82117	129.32	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52872	22.80	ug/l	98
13) Acrolein	2.30	56	15135	114.59	ug/l	93
14) Allyl chloride	2.73	41	100090	23.15	ug/l	98
15) Acrylonitrile	3.15	53	176378	122.92	ug/l	99
16) Acetone	2.45	43	160075	117.05	ug/l	99
17) Carbon Disulfide	2.57	76	118698	20.12	ug/l	98
18) Methyl Acetate	2.78	43	94350	26.26	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	195270	24.19	ug/l	99
20) Methylene Chloride	2.86	84	62112	22.94	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	57139	22.08	ug/l	97
22) Diisopropyl ether	3.88	45	182351	22.58	ug/l	98
23) Vinyl Acetate	3.83	43	760304	112.95	ug/l	99
24) 1,1-Dichloroethane	3.70	63	109430	24.25	ug/l	99
25) 2-Butanone	4.72	43	236269	119.52	ug/l	99
26) 2,2-Dichloropropane	4.59	77	60096	17.25	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62311	22.61	ug/l	96
28) Bromochloromethane	5.03	49	48166	24.62	ug/l	97
29) Tetrahydrofuran	5.18	42	151343	119.66	ug/l	100
30) Chloroform	5.22	83	110636	23.80	ug/l	99
31) Cyclohexane	5.58	56	77020	19.87	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	93485	23.01	ug/l	98
36) 1,1-Dichloropropene	5.81	75	72537	20.17	ug/l	98
37) Ethyl Acetate	4.87	43	90009	22.83	ug/l	99
38) Carbon Tetrachloride	5.79	117	81623	21.28	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001526.D
 Acq On : 08 May 2018 20:41
 Operator : JC/MD
 Sample : VX0508WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0508WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2018 1:11:26 PM

Quant Time: May 09 07:35:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76128	17.90	ug/l	96
40) Benzene	6.15	78	231130	22.00	ug/l	98
41) Methacrylonitrile	5.07	41	51743	22.94	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93894	23.25	ug/l	99
43) Isopropyl Acetate	6.48	43	136227	22.51	ug/l	100
44) Trichloroethene	7.22	130	69403	21.61	ug/l	100
45) 1,2-Dichloropropane	7.52	63	58224	22.23	ug/l	98
46) Dibromomethane	7.67	93	41836	22.56	ug/l	99
47) Bromodichloromethane	7.90	83	76214	22.21	ug/l	99
48) Methyl methacrylate	7.79	41	74208	22.52	ug/l	99
49) 1,4-Dioxane	7.76	88	33571	471.47	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	476464	118.46	ug/l	99
52) Toluene	8.79	92	148370	21.60	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	82314	21.23	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	73894	19.86	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	62483	22.58	ug/l	98
56) Ethyl methacrylate	9.19	69	85672	21.47	ug/l	98
57) 1,3-Dichloropropane	9.38	76	103331	22.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	226082	115.54	ug/l	99
59) 2-Hexanone	9.51	43	357788	116.17	ug/l	99
60) Dibromochloromethane	9.59	129	62033	21.89	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65357	22.49	ug/l	100
64) Tetrachloroethene	9.34	164	81062	21.93	ug/l	98
65) Chlorobenzene	10.15	112	169466	21.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	63646	22.87	ug/l	99
67) Ethyl Benzene	10.26	91	267443	20.98	ug/l	99
68) m/p-Xylenes	10.37	106	215195	42.72	ug/l	99
69) o-Xylene	10.70	106	106096	21.67	ug/l	99
70) Styrene	10.72	104	174554	21.95	ug/l	100
71) Bromoform	10.86	173	48968	20.56	ug/l #	100
73) Isopropylbenzene	11.02	105	281908	21.85	ug/l	99
74) N-amyl acetate	6.48	43	136227	23.24	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	88545	23.23	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	88779m	23.48	ug/l	
77) Bromobenzene	11.26	156	82032	21.86	ug/l	99
78) n-propylbenzene	11.37	91	303809	21.62	ug/l	99
79) 2-Chlorotoluene	11.43	91	189966	21.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	232648	21.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19211	19.10	ug/l	87
82) 4-Chlorotoluene	11.52	91	220236	22.08	ug/l	99
83) tert-Butylbenzene	11.77	119	225662	21.11	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	243614	22.06	ug/l	99
85) sec-Butylbenzene	11.95	105	273175	21.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	252782	21.47	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	142441	21.24	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143540	20.98	ug/l	97
89) n-Butylbenzene	12.40	91	192605	19.75	ug/l	99
90) Hexachloroethane	12.60	117	37172	20.97	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	148393	21.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20641	24.65	ug/l	93

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
Data File : VX001526.D
Acq On : 08 May 2018 20:41
Operator : JC/MD
Sample : VX0508WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

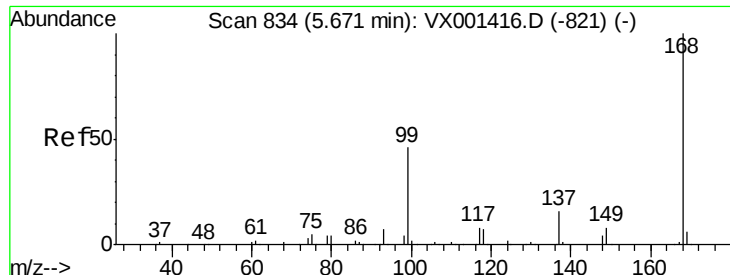
Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:11:26 PM

Quant Time: May 09 07:35:47 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103084	20.65	ug/l	100
94) Hexachlorobutadiene	13.79	225	54472	19.94	ug/l	98
95) Naphthalene	13.84	128	313267	22.69	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110173	21.50	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion:168 Resp: 209539

Ion Ratio Lower Upper

168 100

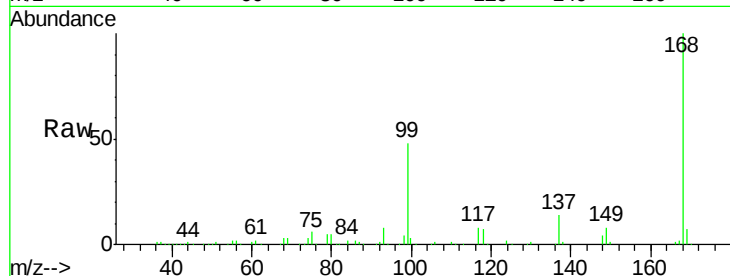
99 48.3 36.6 54.8

Manual Integrations

APPROVED

MMDadoda

5/10/2018 1:11:26 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

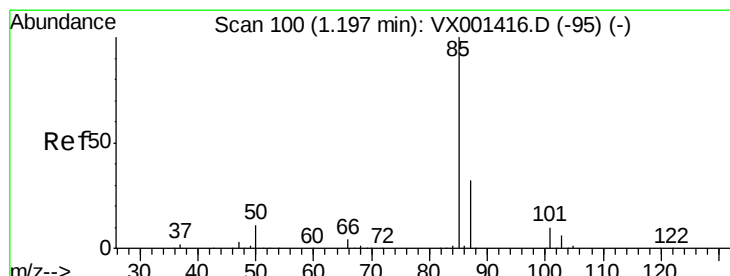
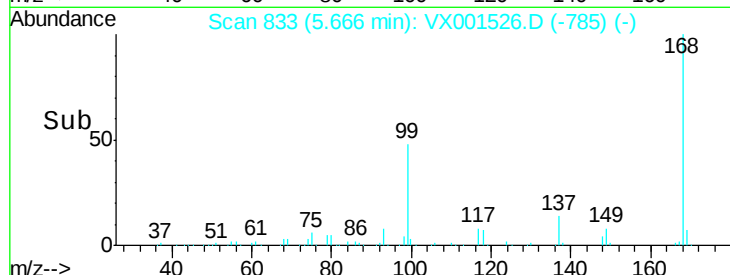
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001526.D

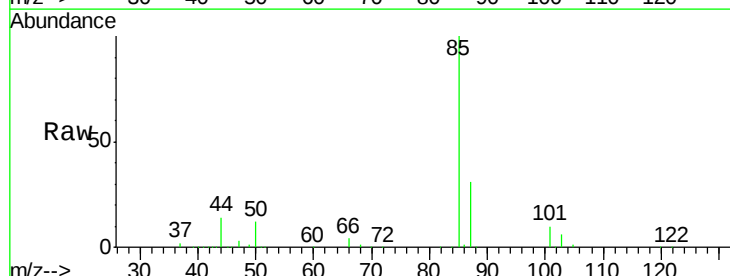
Acq: 08 May 2018 20:41

Tgt Ion: 85 Resp: 59726

Ion Ratio Lower Upper

85 100

87 31.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

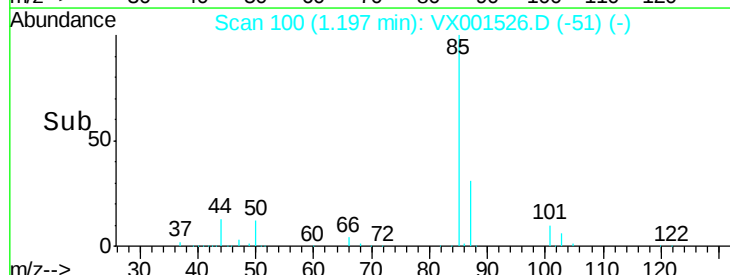
30000

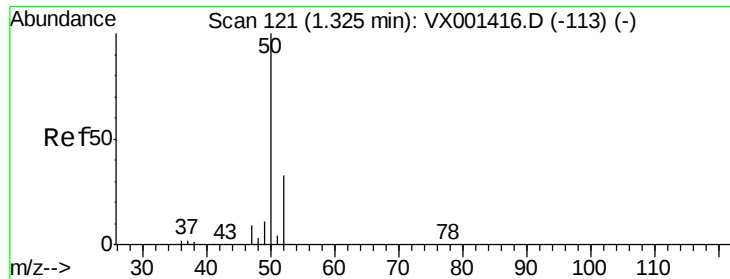
20000

10000

0

Time-->





#3

Chloromethane

Concen: 22.74 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 50 Resp: 62470

Ion Ratio Lower Upper

50 100

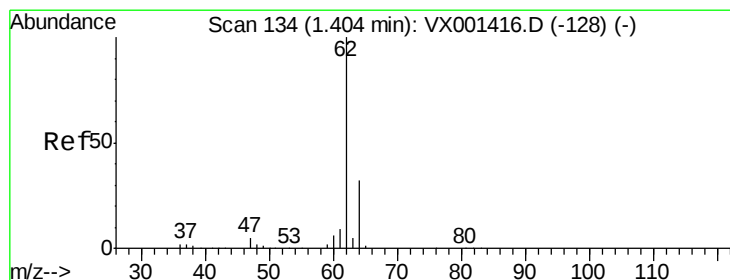
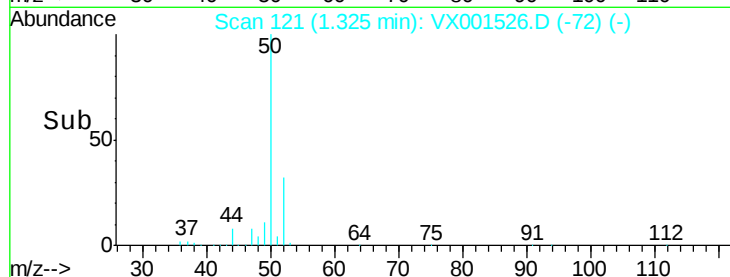
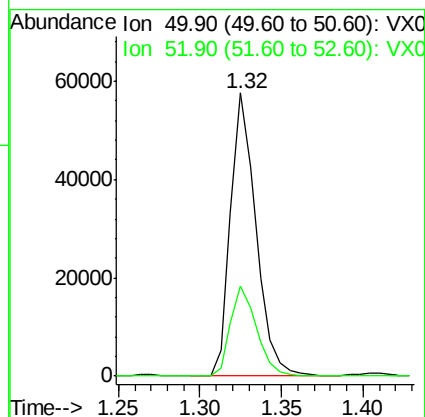
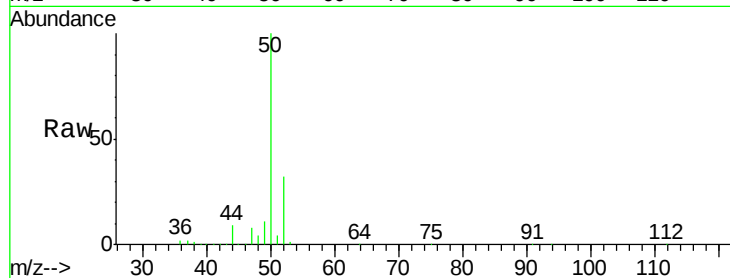
52 31.9 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

5/10/2018 1:11:26 PM



#4

Vinyl Chloride

Concen: 22.63 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001526.D

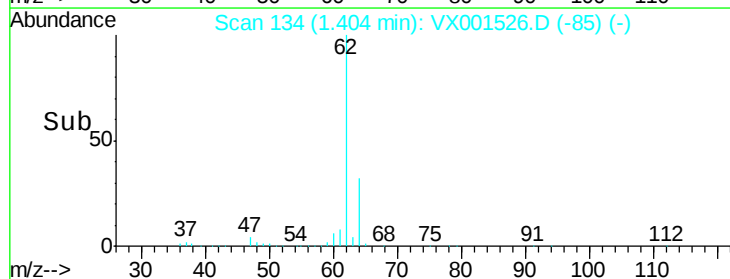
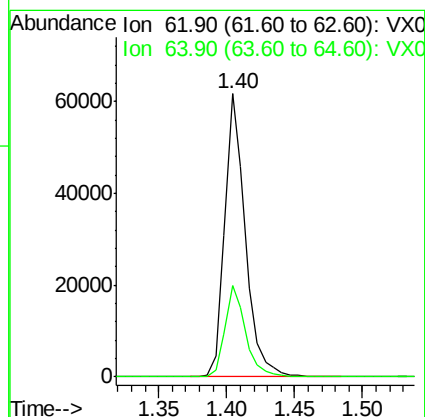
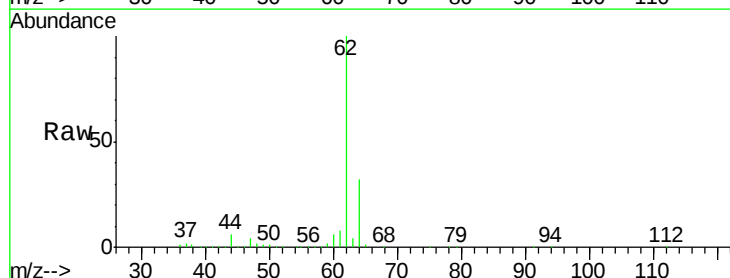
Acq: 08 May 2018 20:41

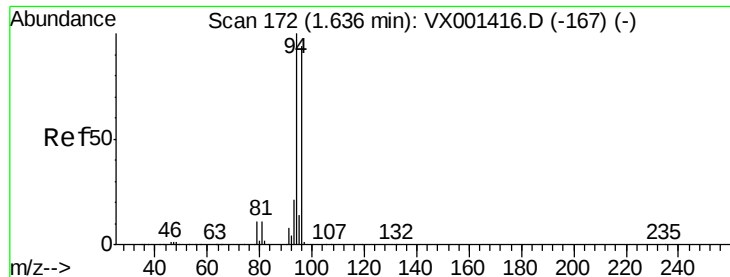
Tgt Ion: 62 Resp: 64882

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.6





#5

Bromomethane

Concen: 26.12 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampled :

VX0508WBSD01

Tot Ion: 94 Resp: 36437

Ion Ratio Lower Upper

94 100

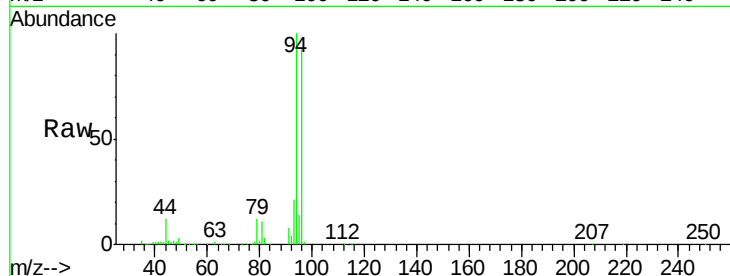
96 93.6 75.0 112.6

Manual Integrations

APPROVED

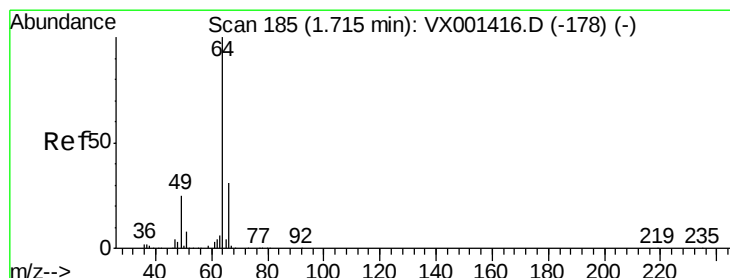
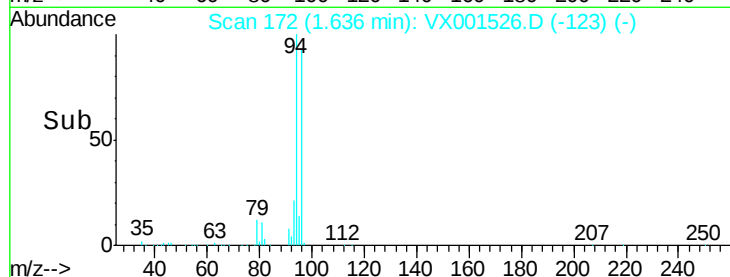
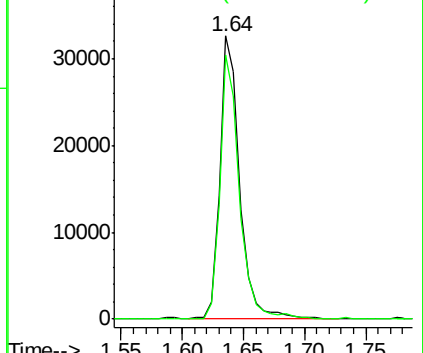
MMDadoda

5/10/2018 1:11:26 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.83 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001526.D

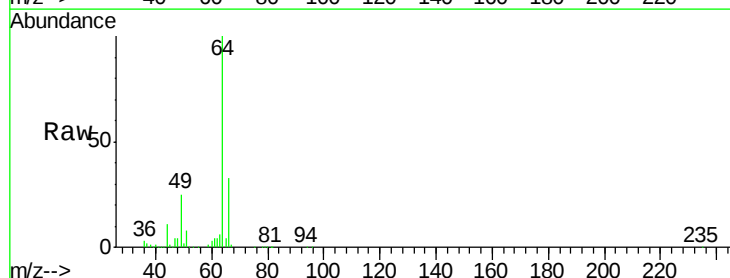
Acq: 08 May 2018 20:41

Tgt Ion: 64 Resp: 45153

Ion Ratio Lower Upper

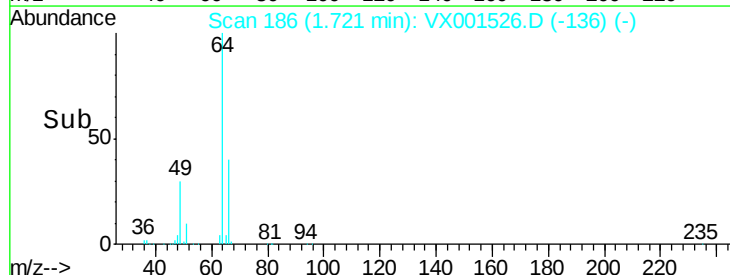
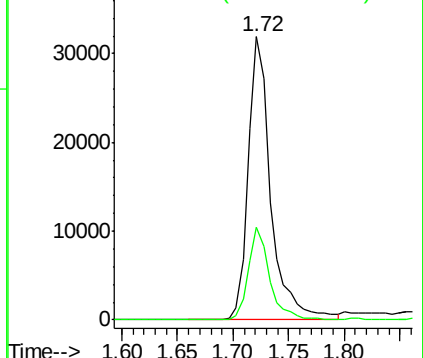
64 100

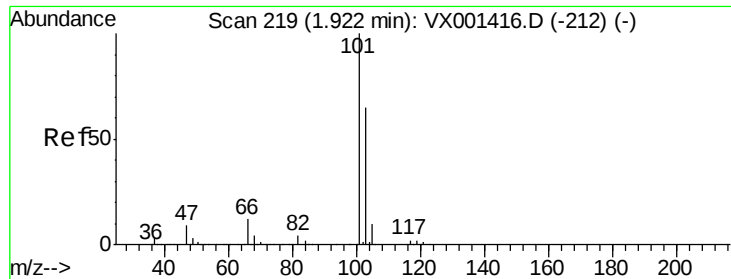
66 32.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

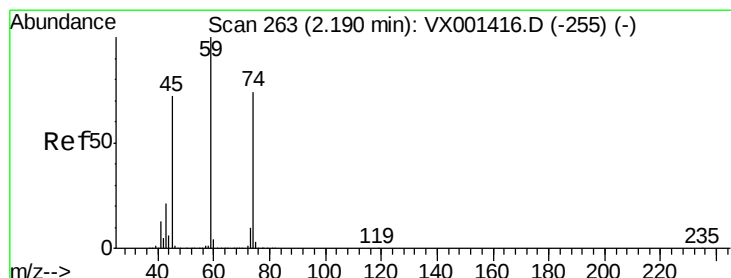
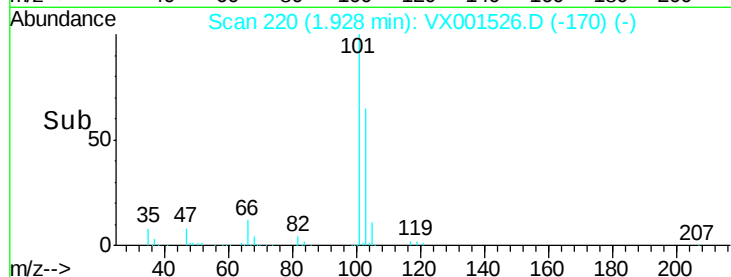
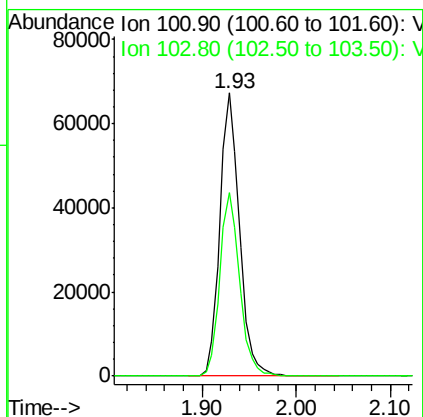
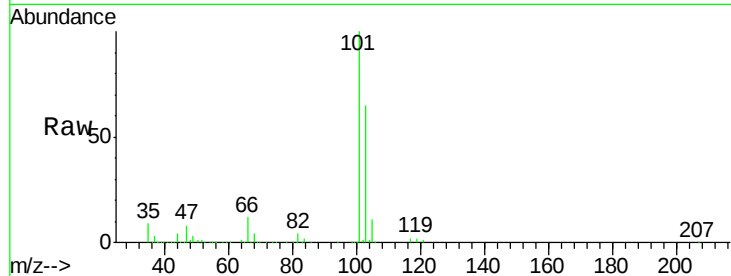
Trichlorofluoromethane
 Concen: 22.57 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.0	78.0

Manual Integrations
 APPROVED

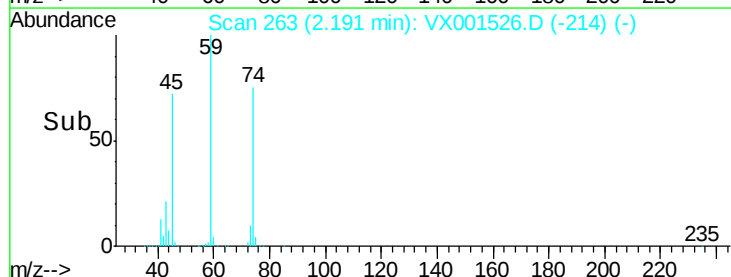
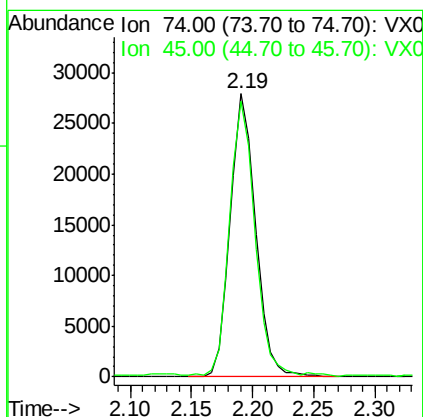
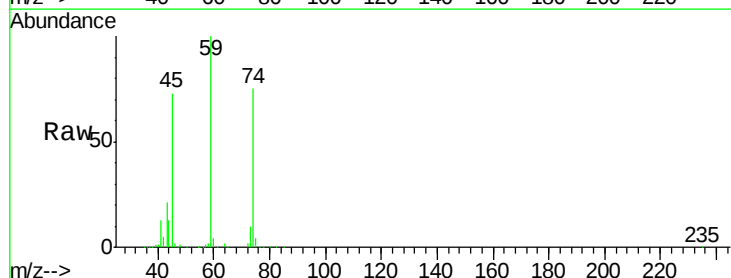
MMDadoda
 5/10/2018 1:11:26 PM

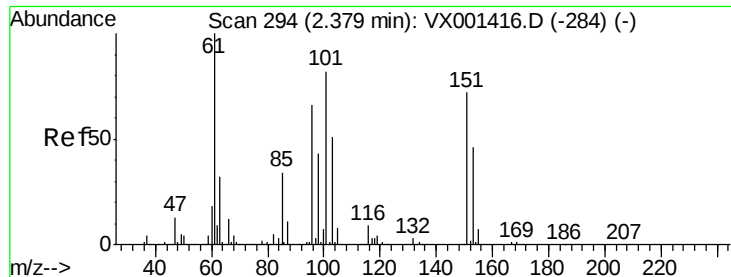


#8

Diethyl Ether
 Concen: 23.72 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.14 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

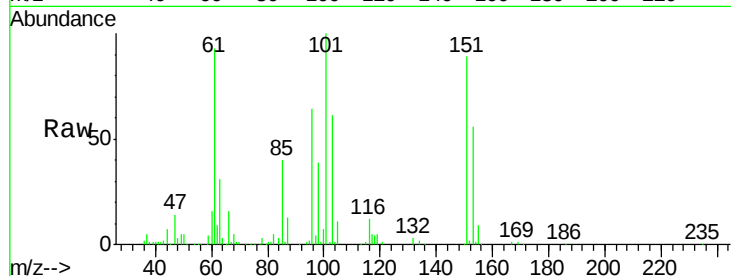
ClientSampleId :

VX0508WBSD01

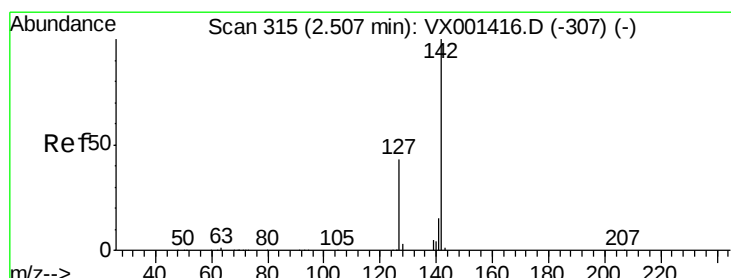
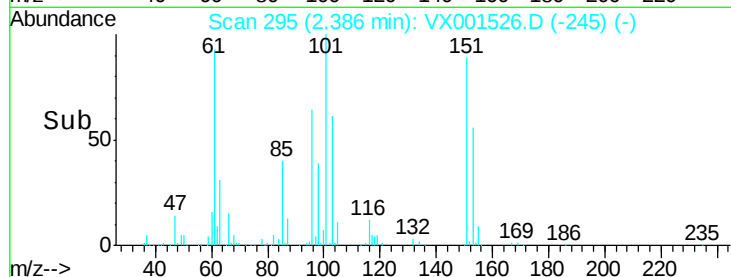
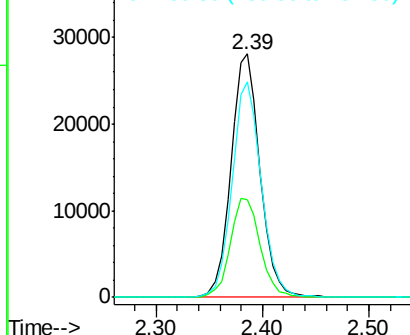
Tot Ion:	101	Resp:	53481
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	89.4	72.3	108.5

Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:11:26 PM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.52 ug/l

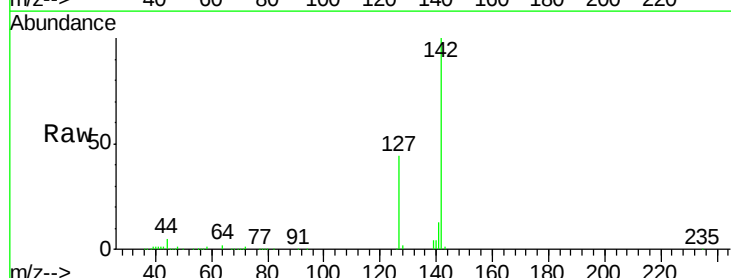
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

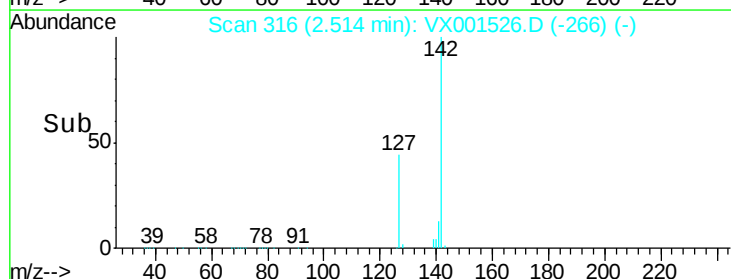
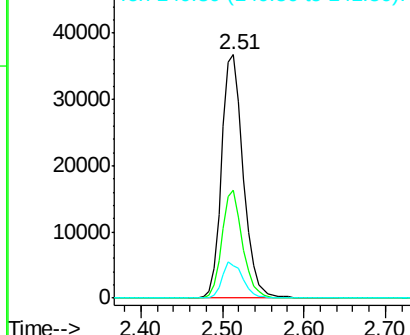
Lab File: VX001526.D

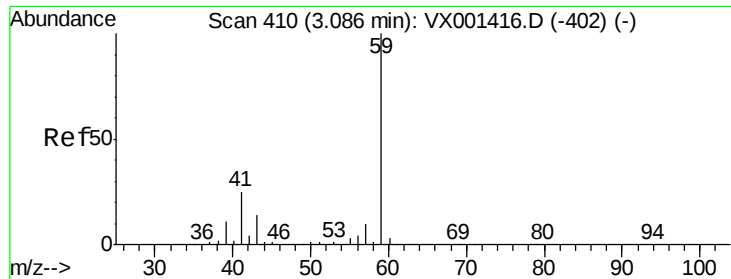
Acq: 08 May 2018 20:41

Tgt Ion:	142	Resp:	67587
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.6	50.4
141	14.3	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





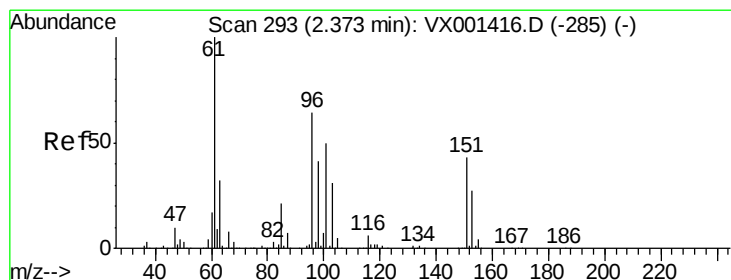
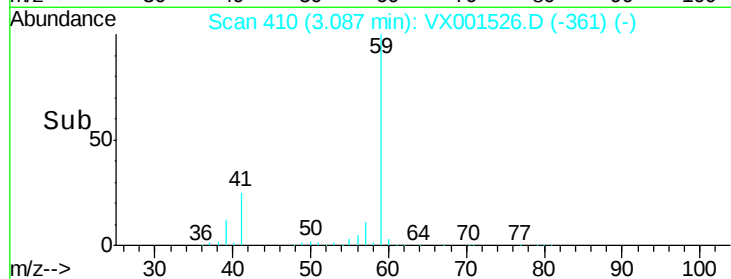
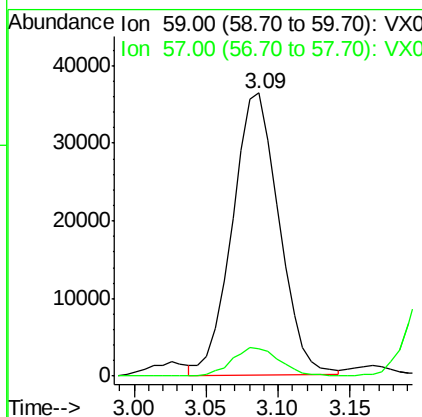
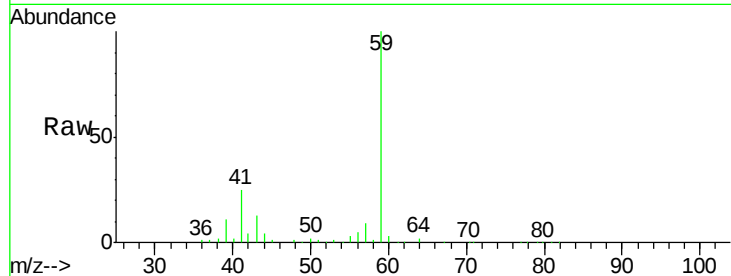
#11
Tert butyl alcohol
Concen: 129.32 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	59	Resp	82117
Ion Ratio	100	Lower	Upper
57	10.5	8.2	12.4

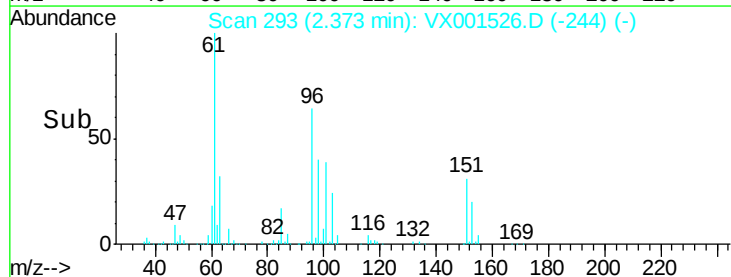
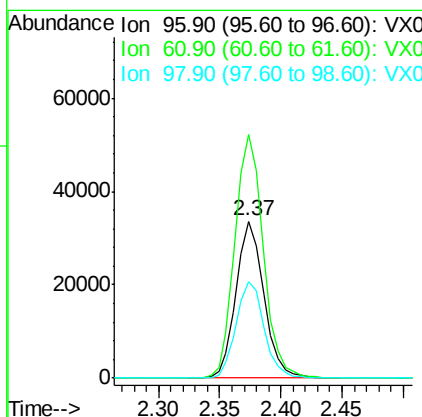
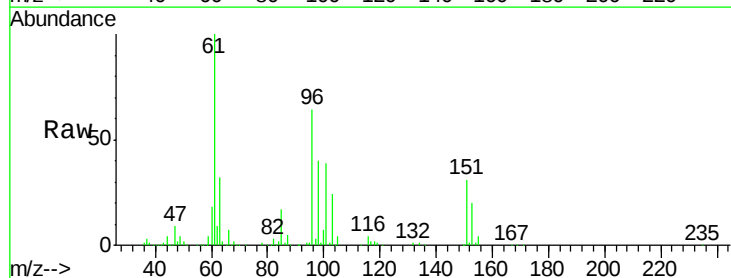
Manual Integrations
APPROVED

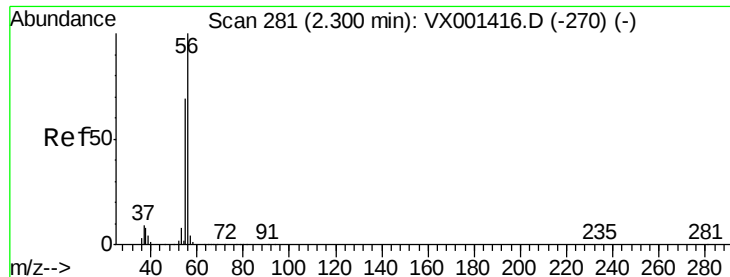
MMDadoda
5/10/2018 1:11:26 PM



#12
1,1-Dichloroethene
Concen: 22.80 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion	96	Resp	52872
Ion Ratio	100	Lower	Upper
61	155.2	125.7	188.5
98	61.9	52.0	78.0





#13

Acrolein

Concen: 114.59 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 56 Resp: 15135

Ion Ratio Lower Upper

56 100

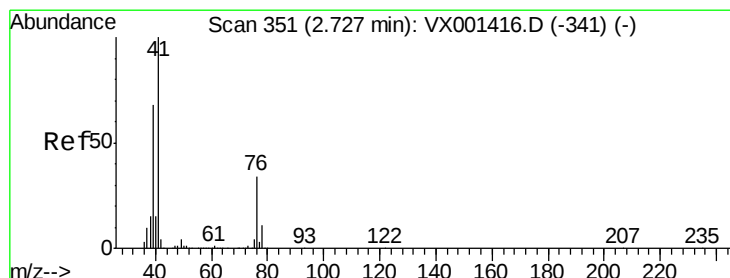
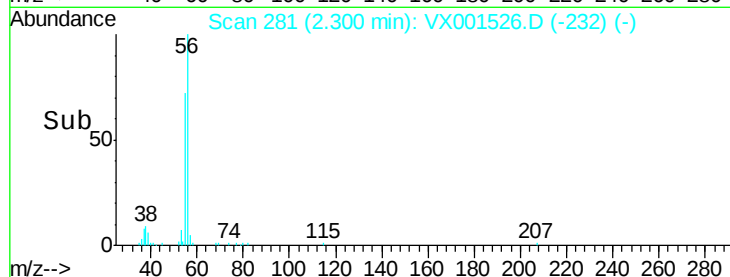
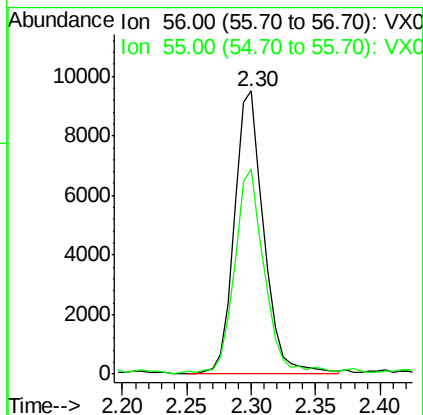
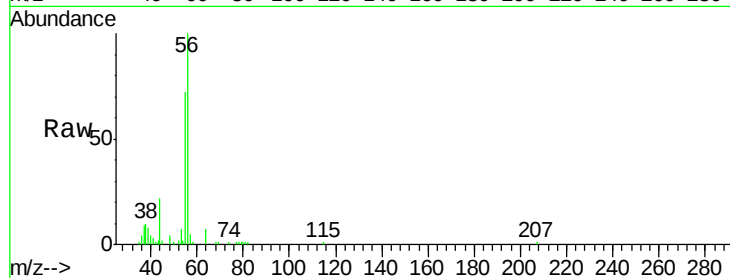
55 73.9 54.5 81.7

Manual Integrations

APPROVED

MMDadoda

5/10/2018 1:11:26 PM



#14

Allyl chloride

Concen: 23.15 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

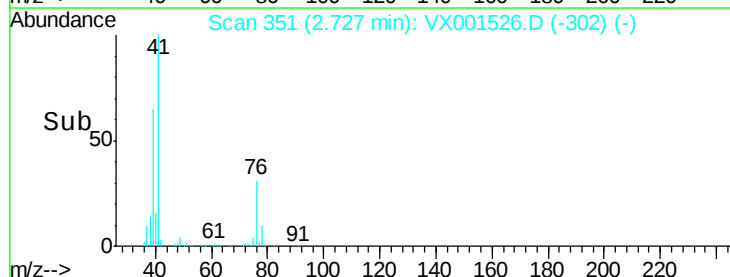
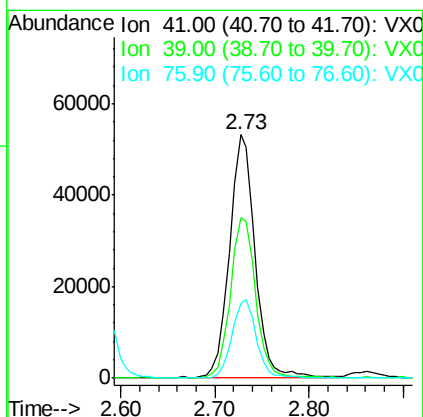
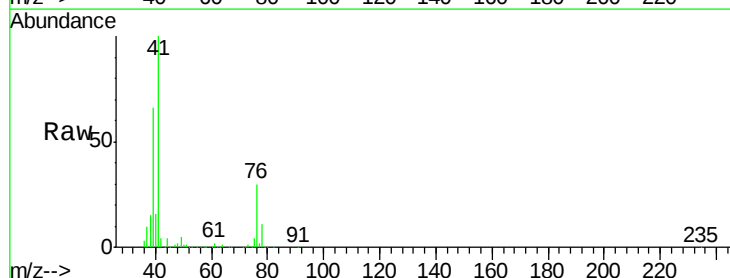
Tgt Ion: 41 Resp: 100090

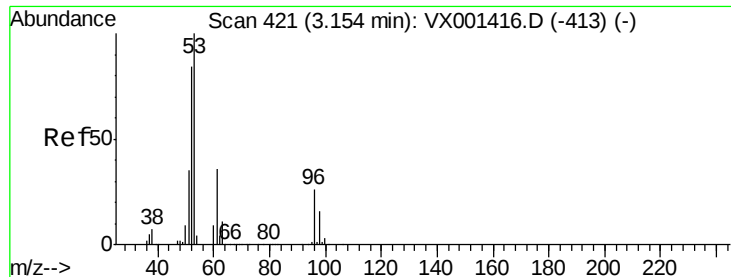
Ion Ratio Lower Upper

41 100

39 64.6 52.4 78.6

76 30.2 25.8 38.6





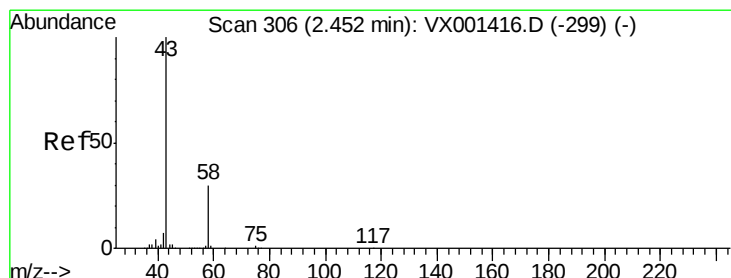
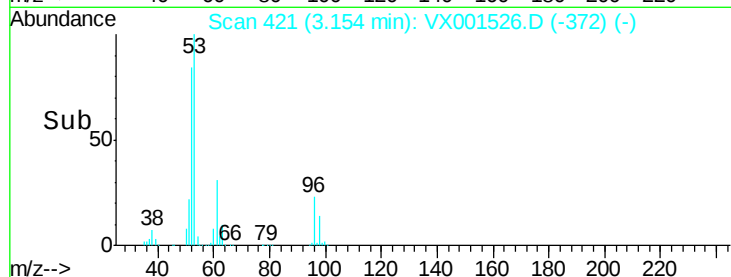
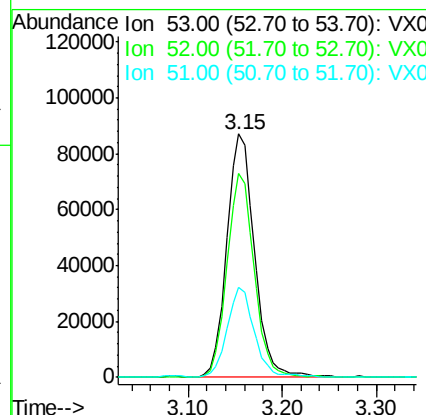
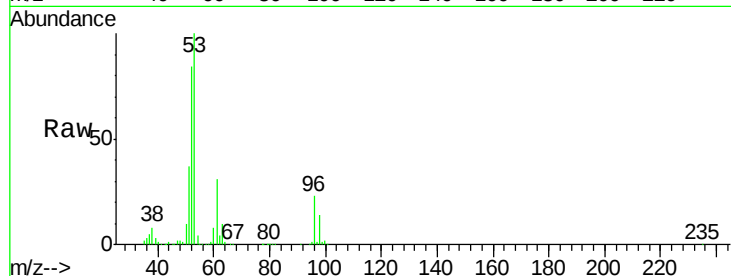
#15
 Acrylonitrile
 Concen: 122.92 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.2
51	36.4	28.6	43.0

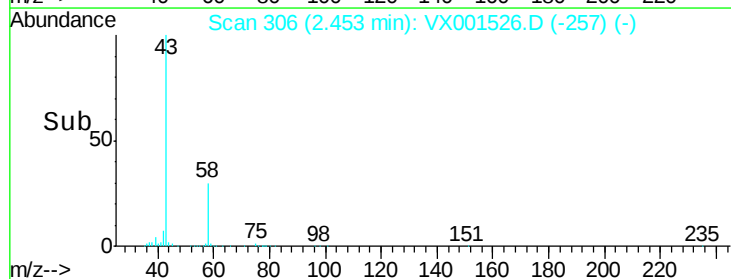
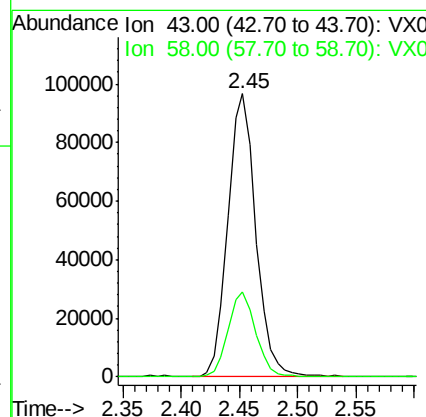
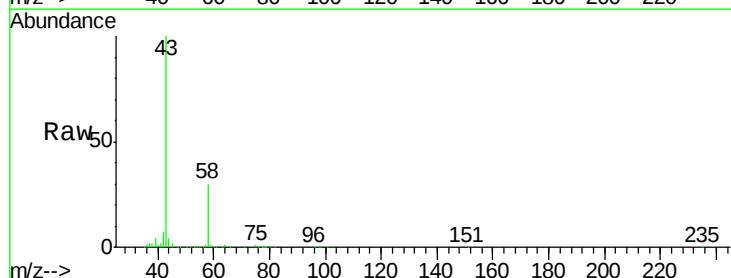
Manual Integrations
 APPROVED

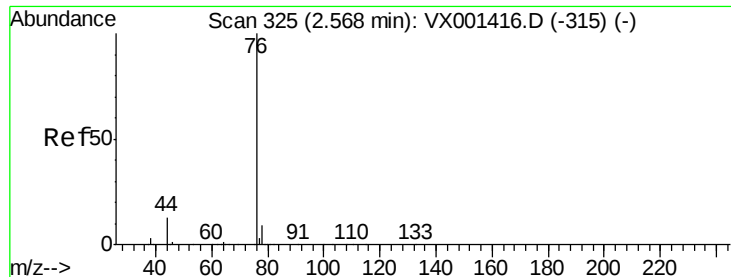
MMDadoda
 5/10/2018 1:11:26 PM



#16
 Acetone
 Concen: 117.05 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.1	23.8	35.8





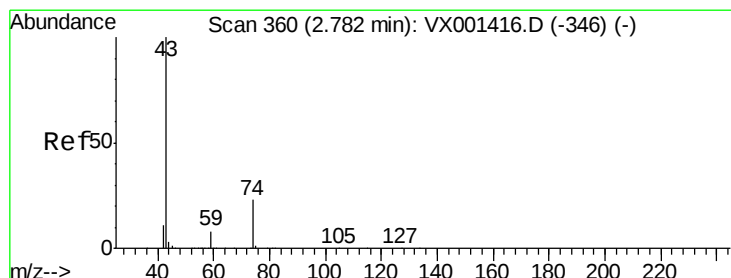
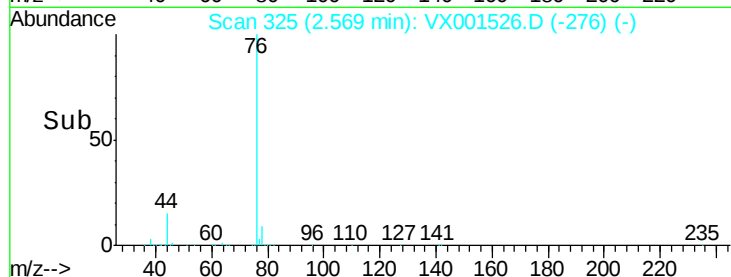
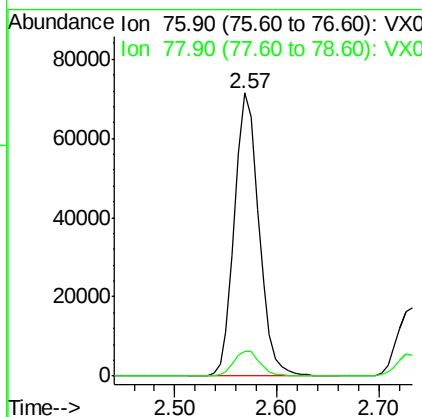
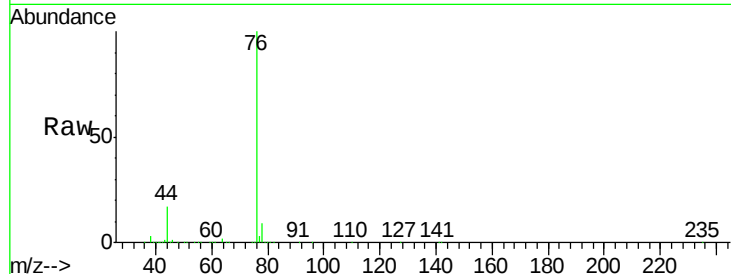
#17
Carbon Disulfide
Concen: 20.12 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

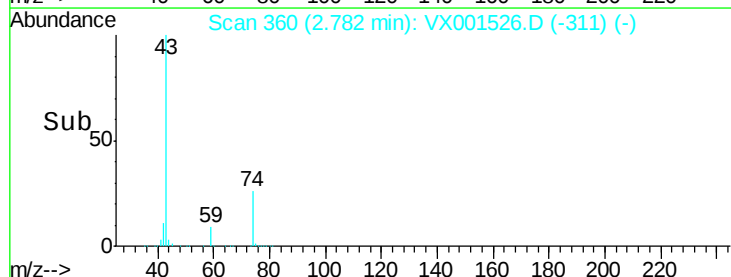
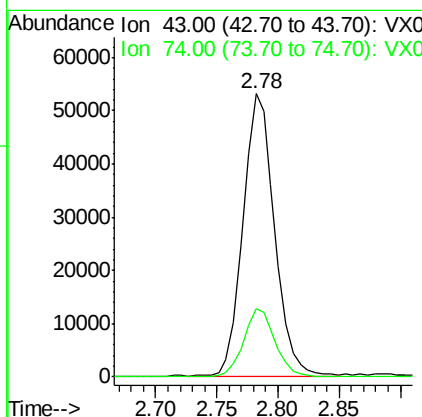
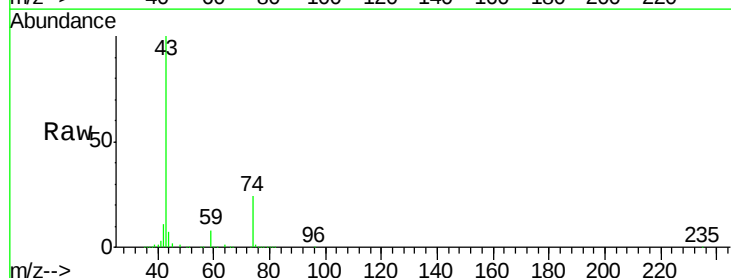
Manual Integrations
APPROVED

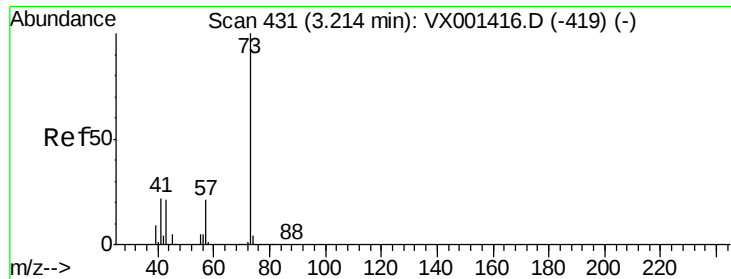
MMDadoda
5/10/2018 1:11:26 PM



#18
Methyl Acetate
Concen: 26.26 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	18.6	27.8





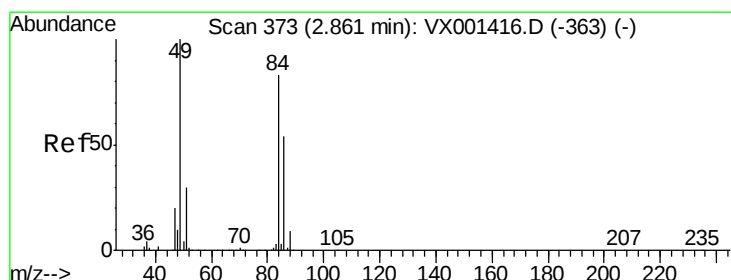
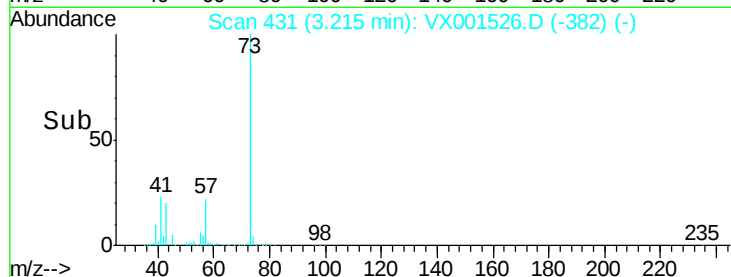
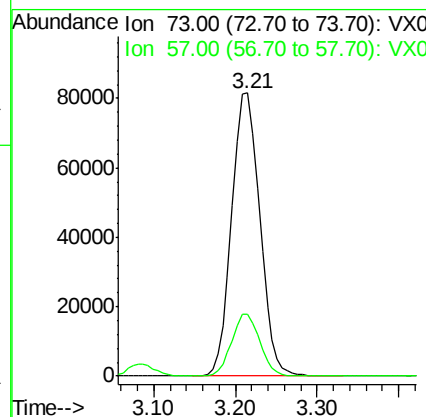
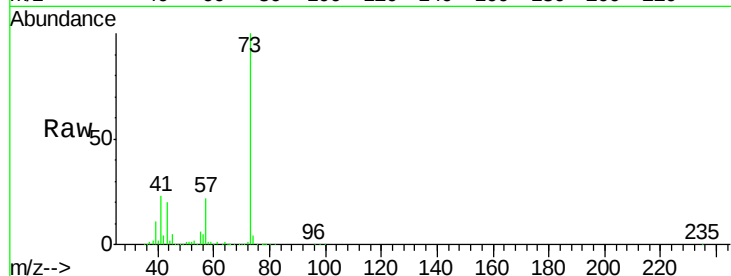
#19
Methvl tert-butvl Ether
Concen: 24.19 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	73	Resp	195270
Ion Ratio	Lower	Upper	
73	100		
57	21.8	17.0	25.6

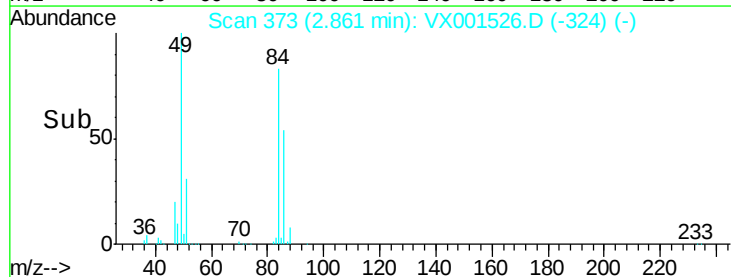
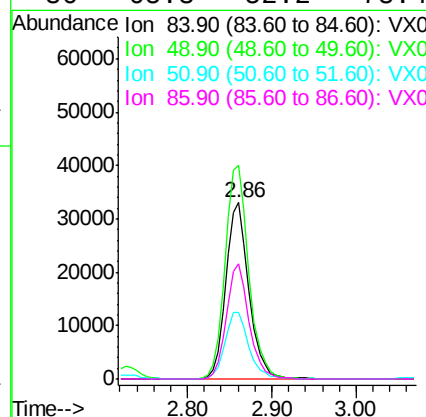
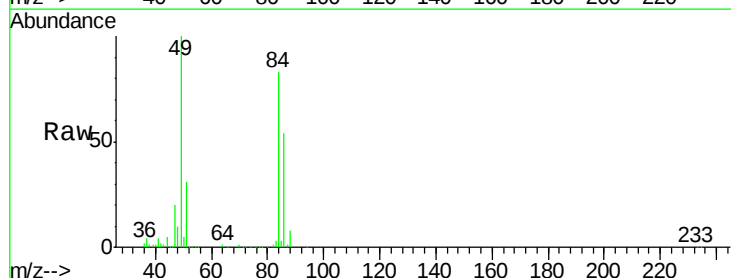
Manual Integrations
APPROVED

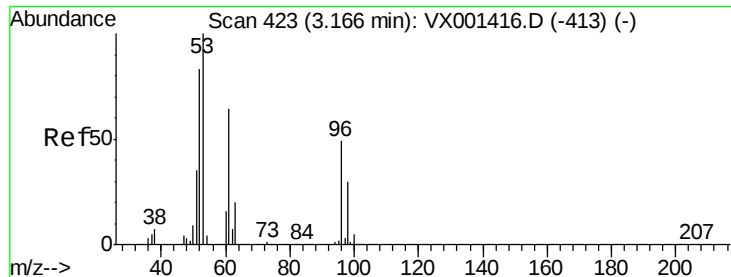
MMDadoda
5/10/2018 1:11:26 PM



#20
Methylene Chloride
Concen: 22.94 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion	84	Resp	62112
Ion Ratio	Lower	Upper	
84	100		
49	121.1	96.6	144.8
51	37.6	29.0	43.4
86	65.3	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 22.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

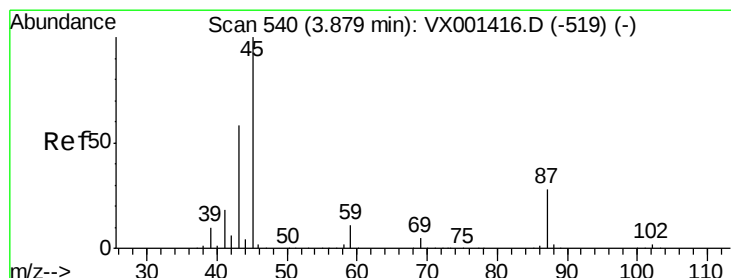
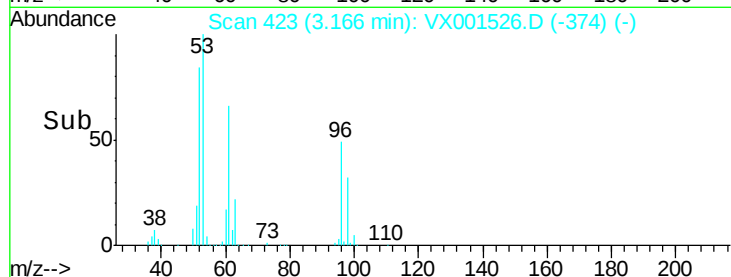
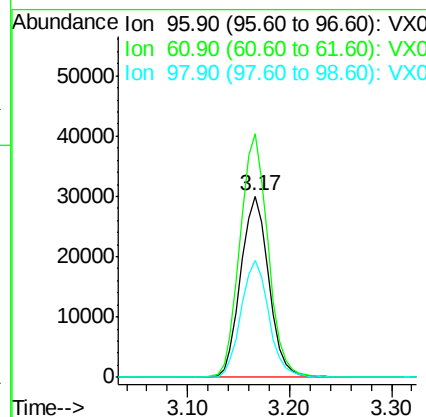
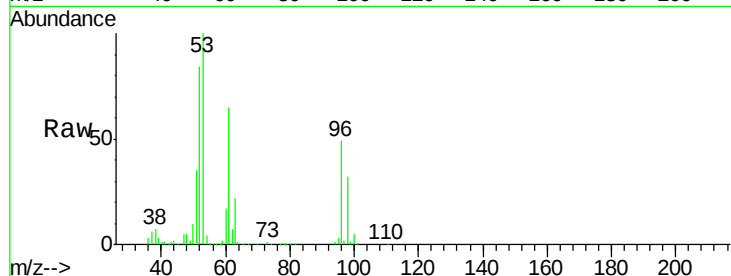
ClientSampled :

VX0508WBSD01

Tot Ion:	96	Resp:	57139
Ion	Ratio	Lower	Upper
96	100		
61	134.1	105.0	157.4
98	64.8	49.9	74.9

Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:11:26 PM



#22

Diisopropyl ether

Concen: 22.58 ug/l

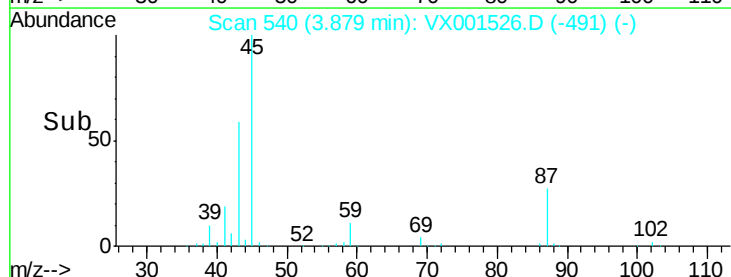
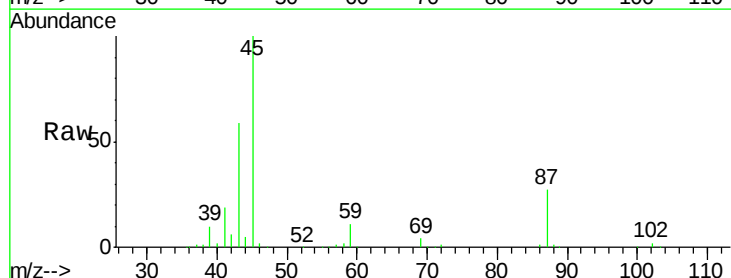
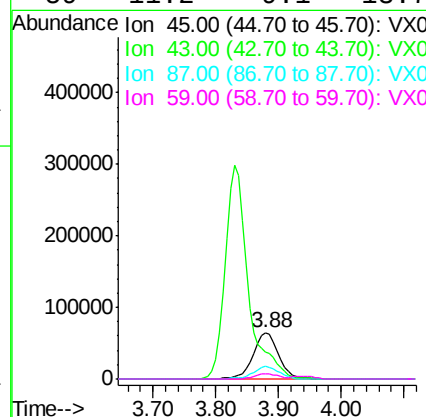
RT: 3.88 min Scan# 540

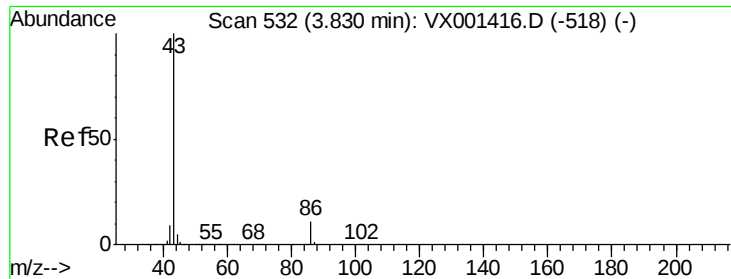
Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Tgt Ion:	45	Resp:	182351
Ion	Ratio	Lower	Upper
45	100		
43	59.0	46.5	69.7
87	26.6	22.6	34.0
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 112.95 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 43 Resp: 760304

Ion Ratio Lower Upper

43 100

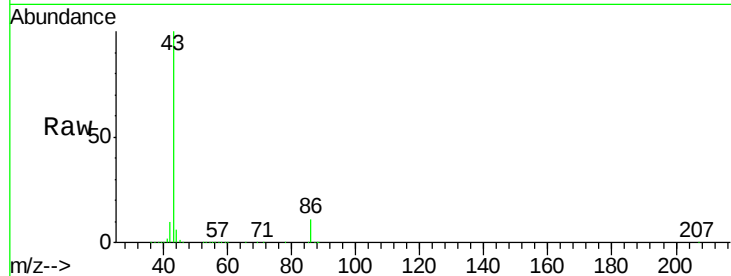
86 10.6 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

5/10/2018 1:11:26 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

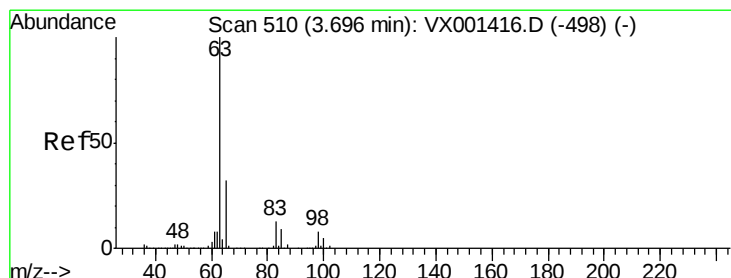
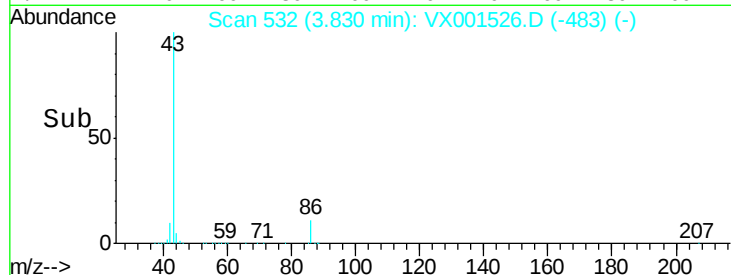
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 24.25 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

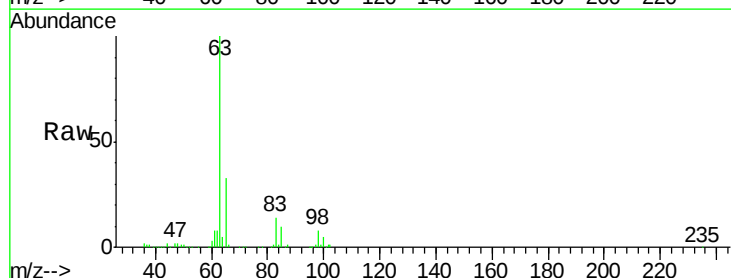
Tgt Ion: 63 Resp: 109430

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

60000

50000

40000

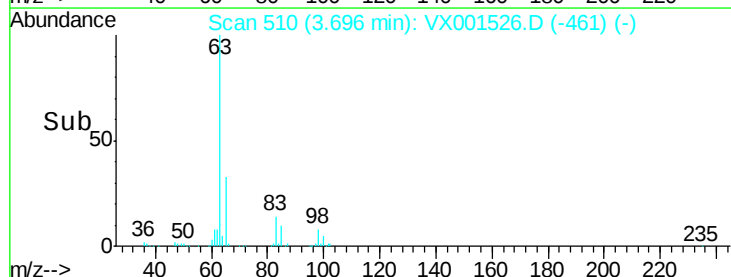
30000

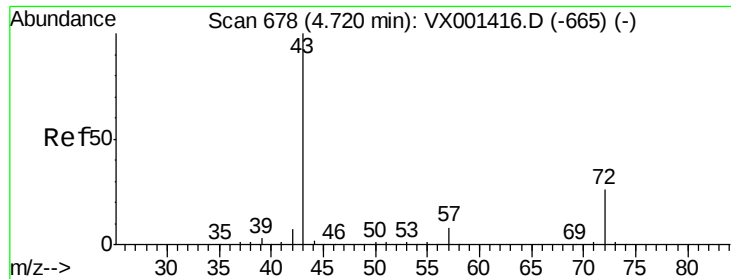
20000

10000

0

Time-->





#25

2-Butanone

Concen: 119.52 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 43 Resp: 236269

Ion Ratio Lower Upper

43 100

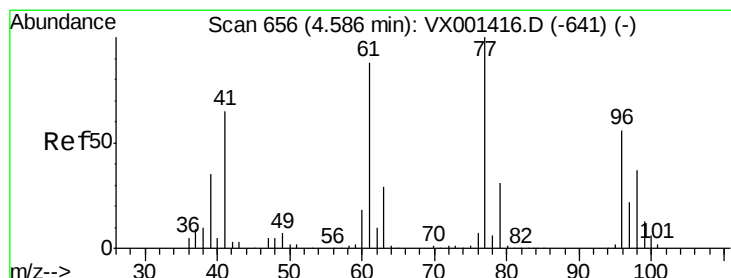
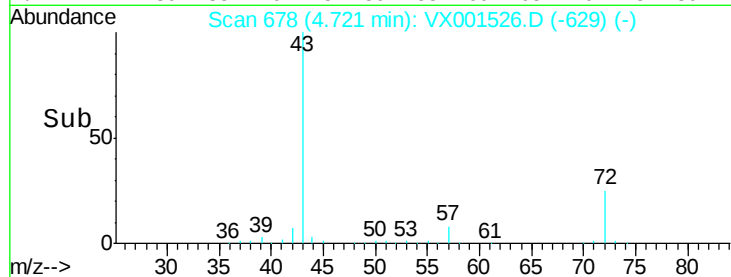
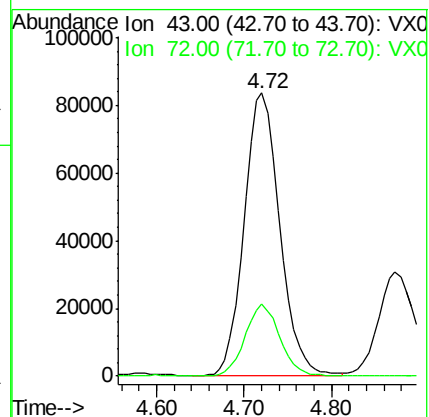
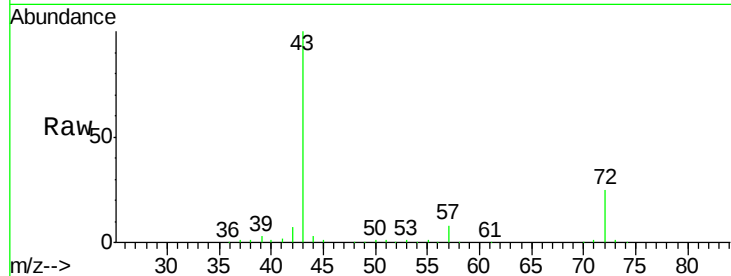
72 25.5 20.7 31.1

Manual Integrations

APPROVED

MMDadoda

5/10/2018 1:11:26 PM



#26

2,2-Dichloropropane

Concen: 17.25 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001526.D

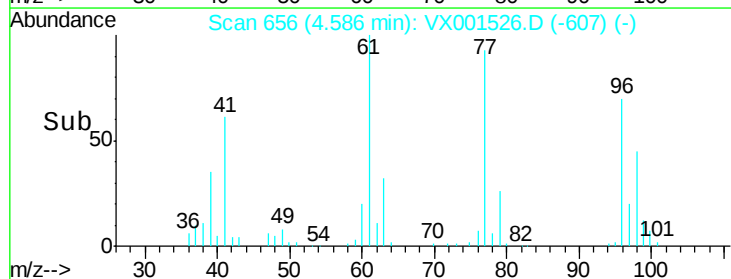
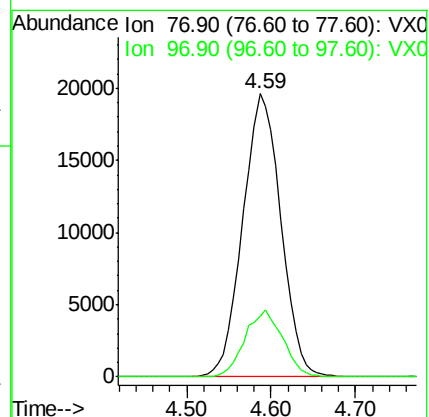
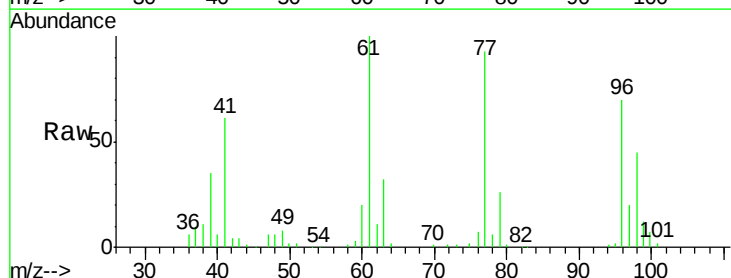
Acq: 08 May 2018 20:41

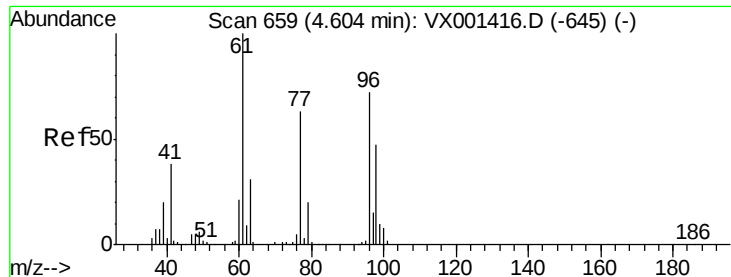
Tgt Ion: 77 Resp: 60096

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 22.61 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

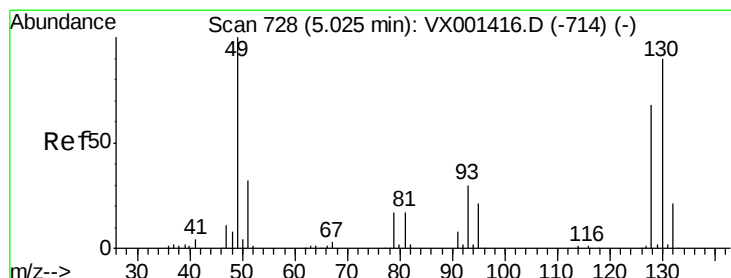
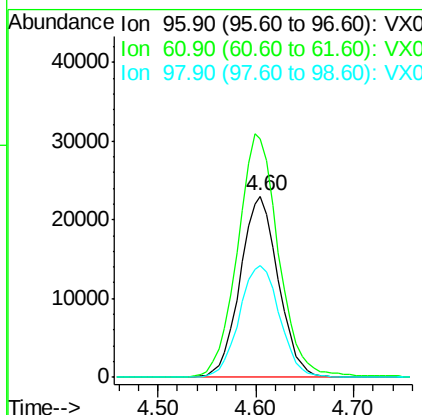
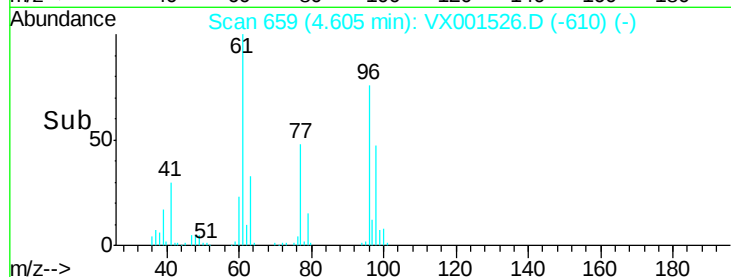
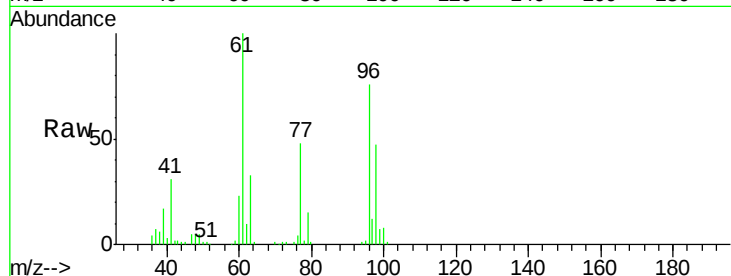
ClientSampleId :

VX0508WBSD01

Tot Ion:	96	Resp:	62311
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	301.6
98	65.1	0.0	131.6

Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:11:26 PM



#28

Bromochloromethane

Concen: 24.62 ug/l

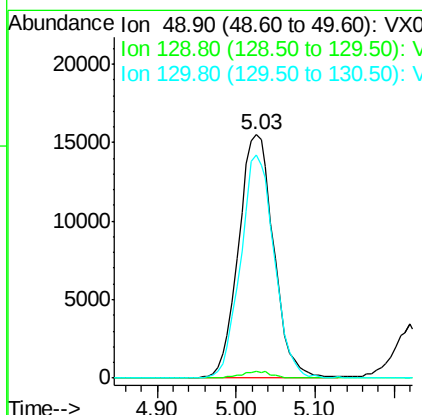
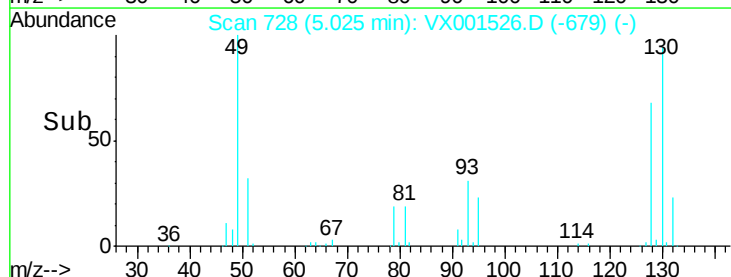
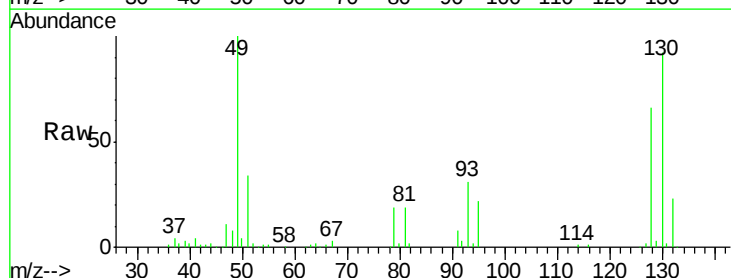
RT: 5.03 min Scan# 728

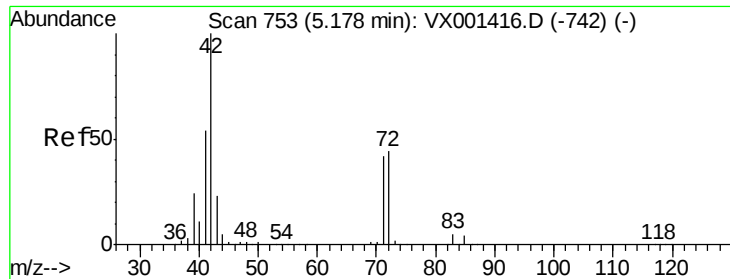
Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Tgt Ion:	49	Resp:	48166
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	87.2	71.9	107.9





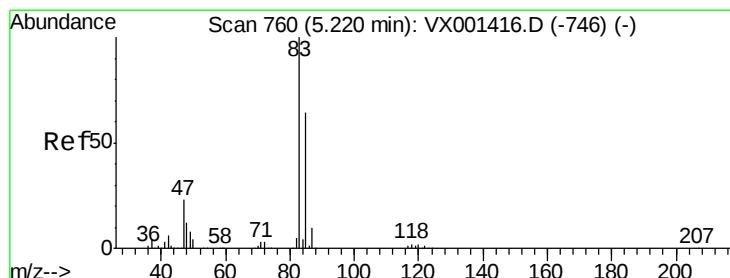
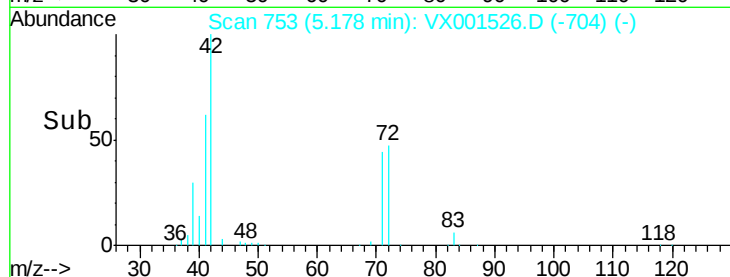
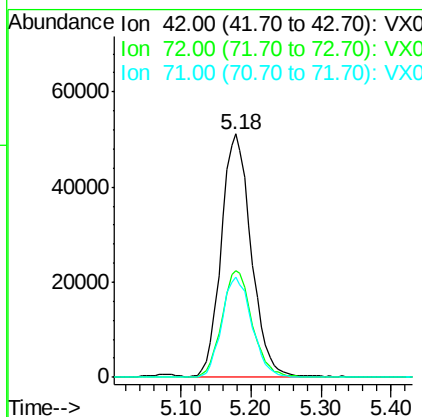
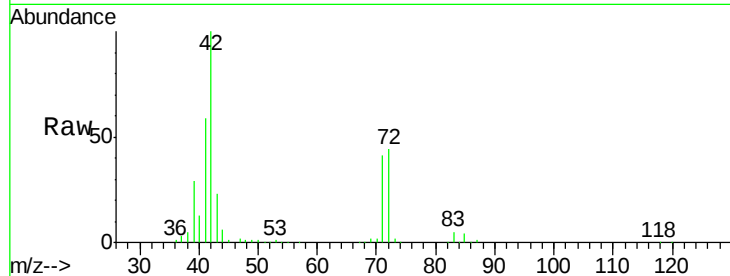
#29
Tetrahydrofuran
Concen: 119.66 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.4	53.2
71	41.4	33.0	49.4

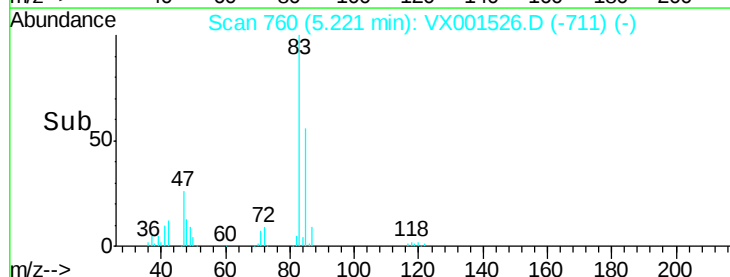
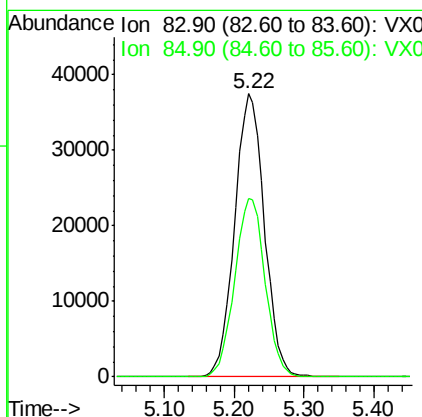
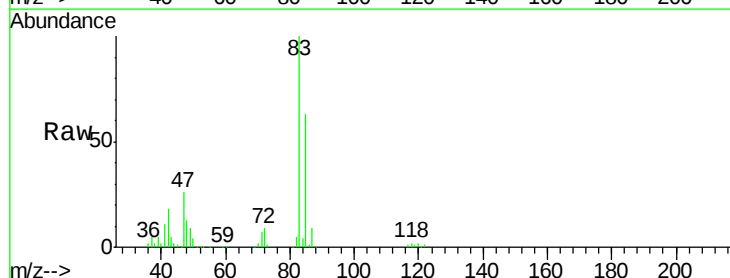
Manual Integrations
APPROVED

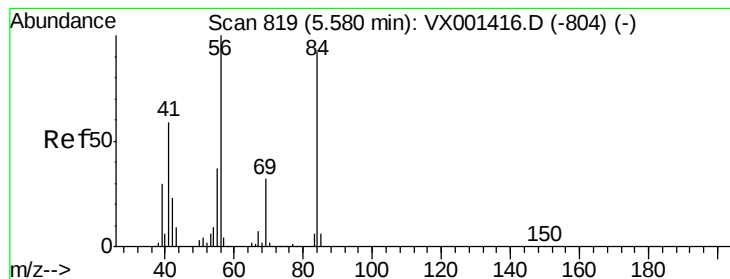
MMDadoda
5/10/2018 1:11:26 PM



#30
Chloroform
Concen: 23.80 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.0	76.4





#31

Cyclohexane

Concen: 19.87 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 56 Resp: 77020

Ion Ratio Lower Upper

56 100

69 29.7 25.4 38.0

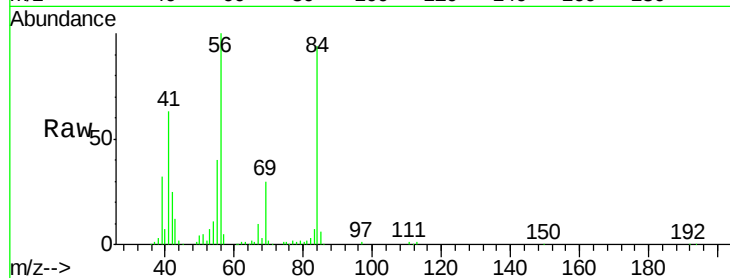
84 92.1 73.8 110.8

Manual Integrations

APPROVED

MMDadoda

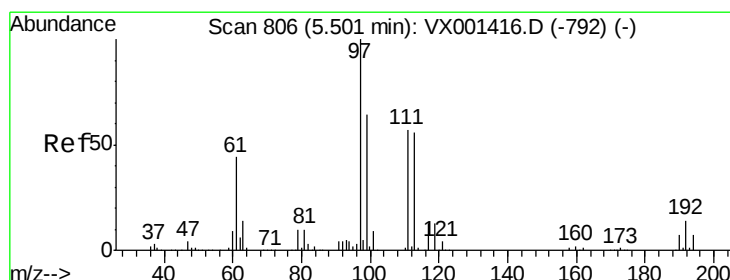
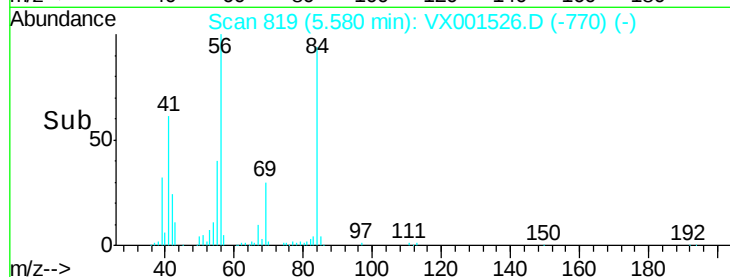
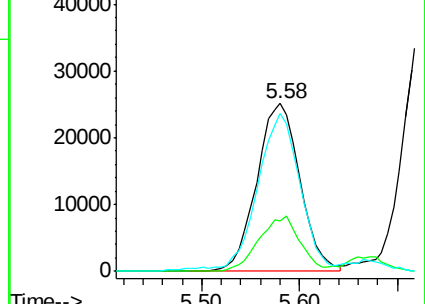
5/10/2018 1:11:26 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 23.01 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

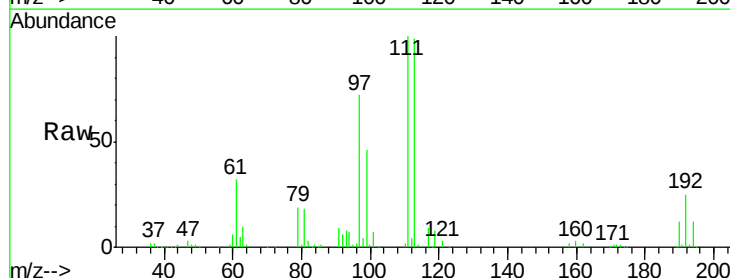
Tgt Ion: 97 Resp: 93485

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

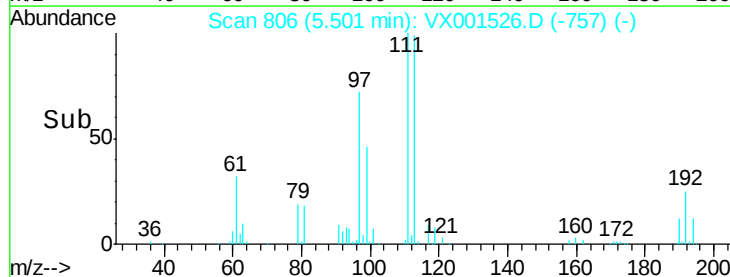
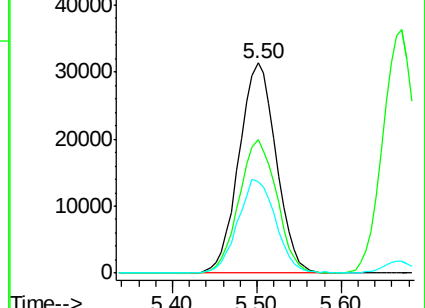
61 45.5 34.8 52.2

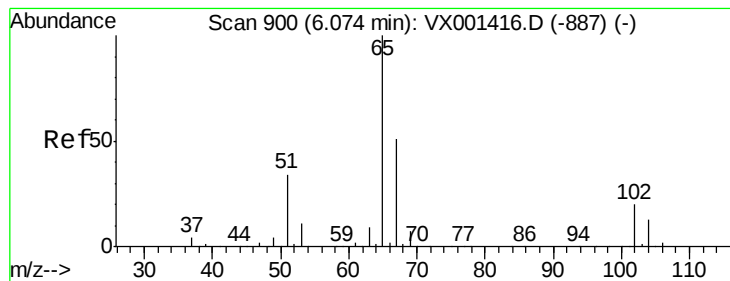


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.98 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Tot Ion: 65 Resp: 168597

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8

Instrument :

MSVOA_X

ClientSampled :

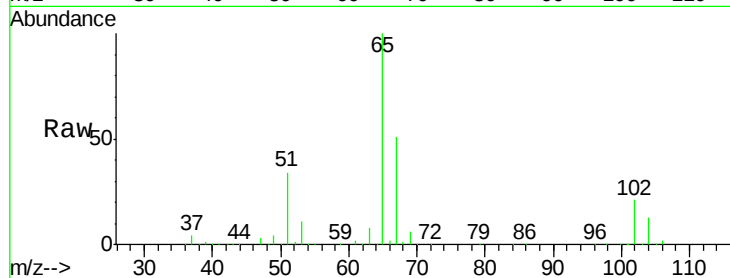
VX0508WBSD01

Manual Integrations

APPROVED

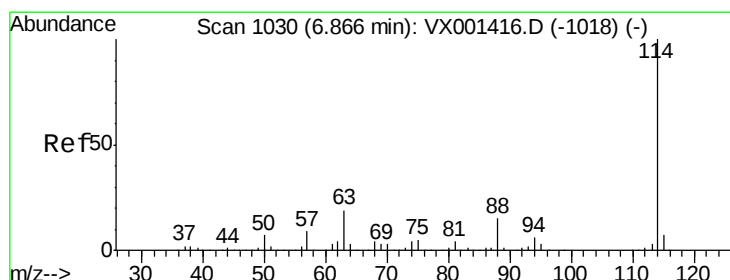
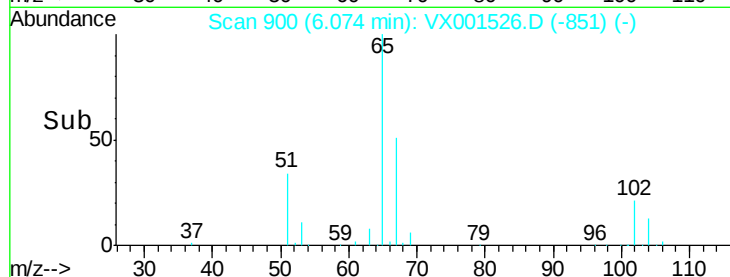
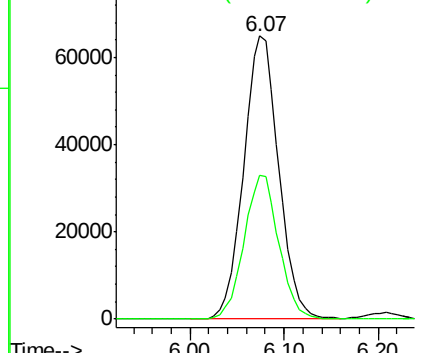
MMDadoda

5/10/2018 1:11:26 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

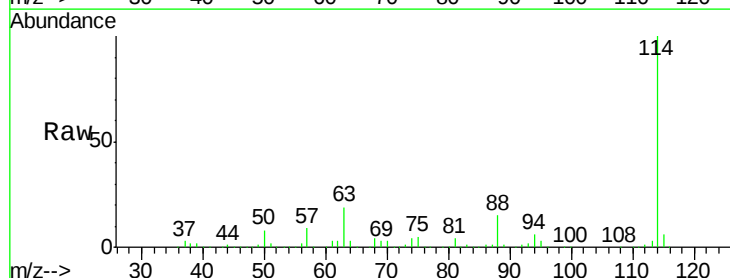
Tgt Ion: 114 Resp: 282763

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

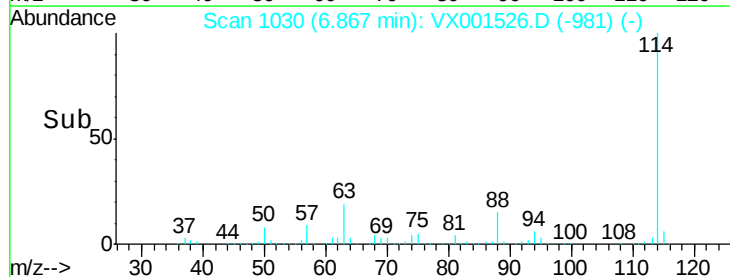
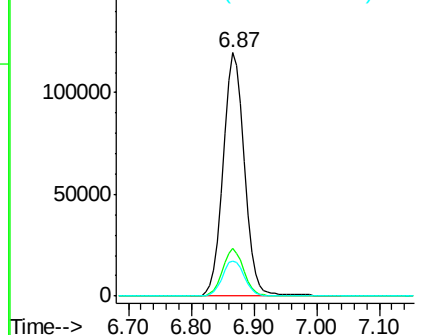
88 14.5 0.0 30.8

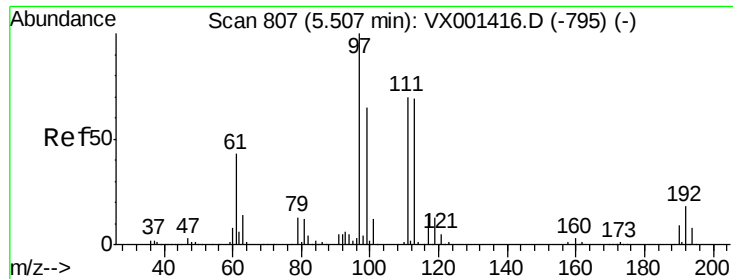


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





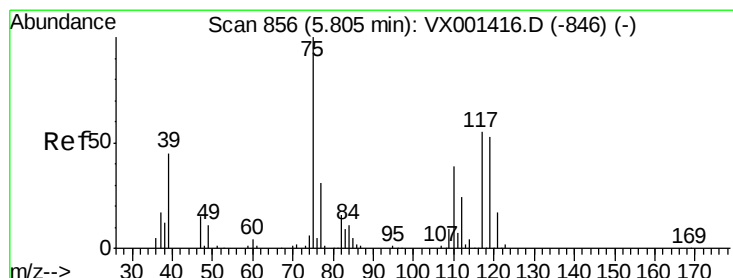
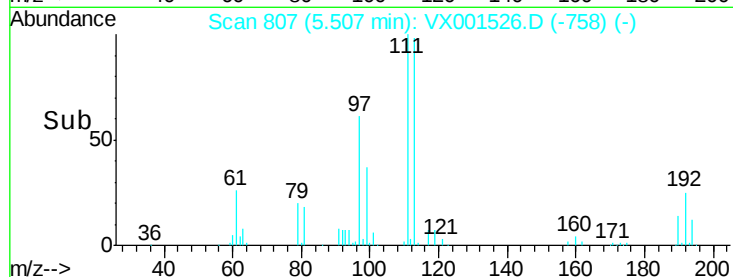
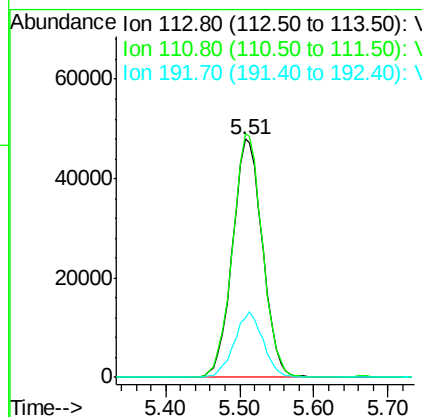
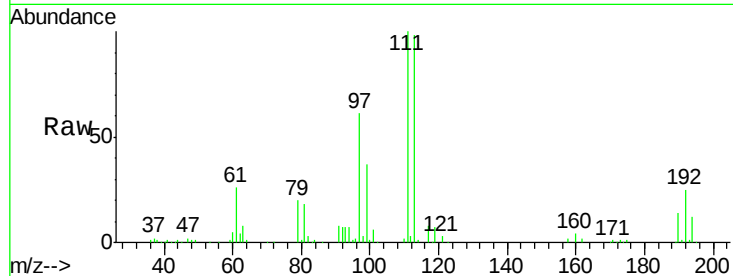
#35
 Dibromofluoromethane
 Concen: 53.83 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135392		
111	101.5	82.2	123.2	
192	26.4	21.4	32.0	

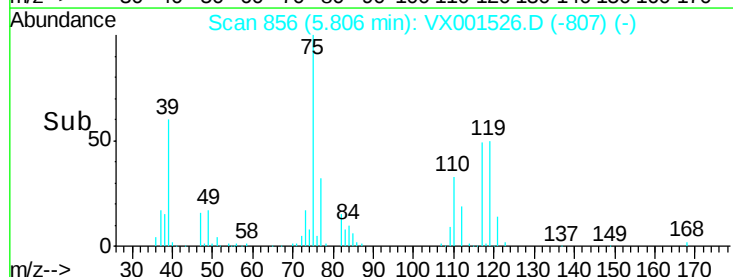
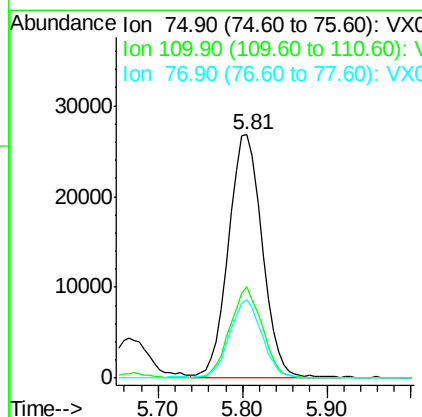
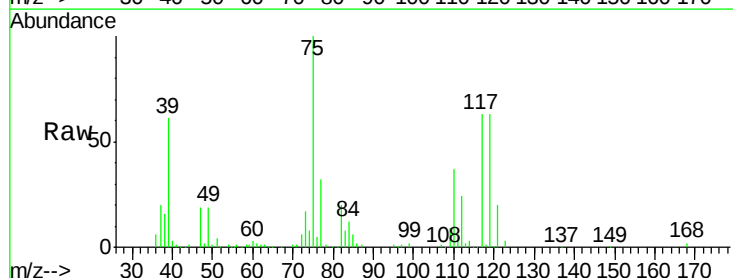
Manual Integrations
 APPROVED

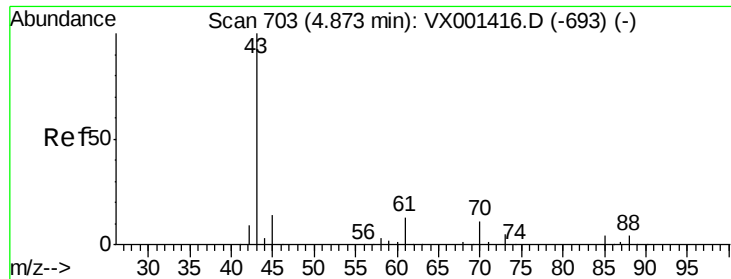
MMDadoda
 5/10/2018 1:11:26 PM



#36
 1,1-Dichloropropene
 Concen: 20.17 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72537		
110	36.1	18.9	56.7	
77	30.8	24.9	37.3	





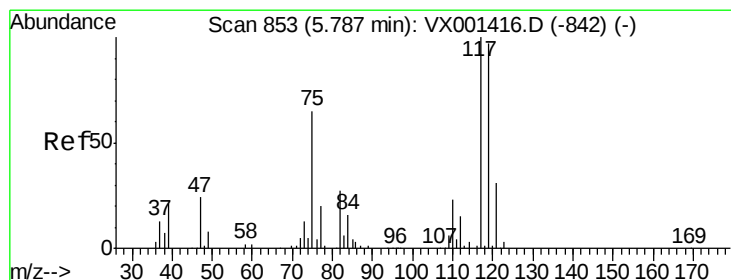
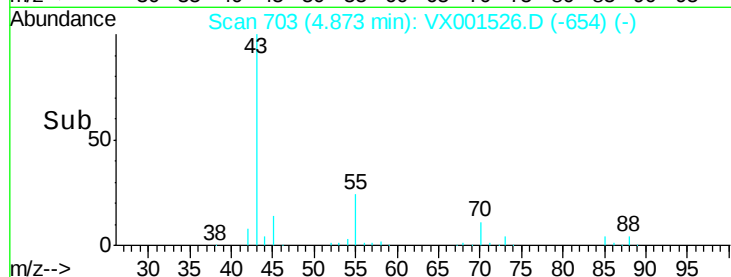
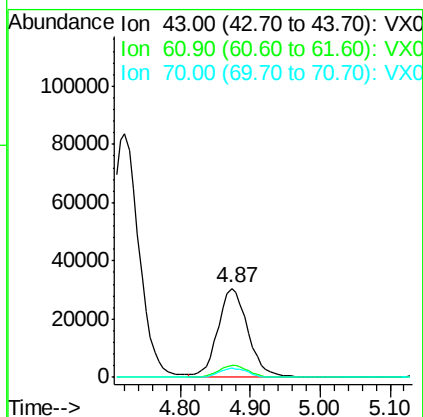
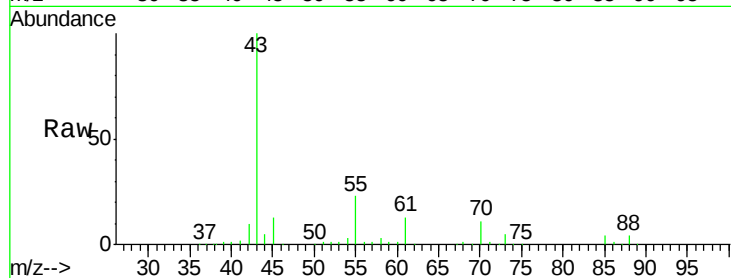
#37
Ethyl Acetate
Concen: 22.83 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.3	8.4	12.6

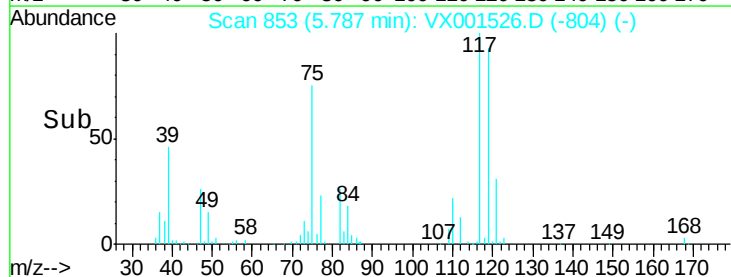
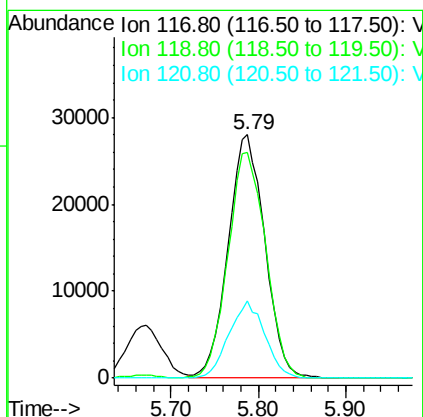
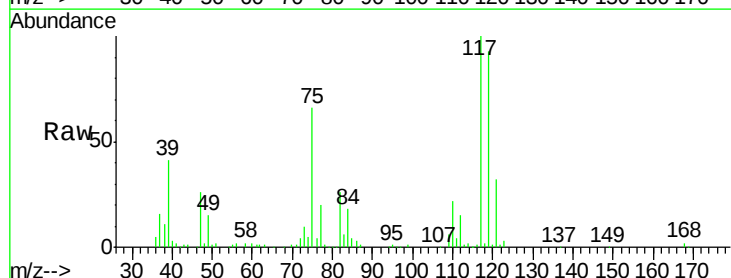
Manual Integrations
APPROVED

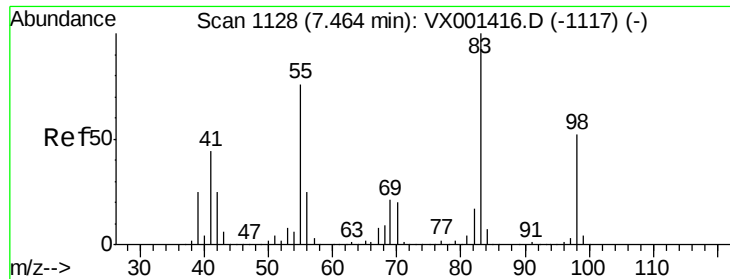
MMDadoda
5/10/2018 1:11:26 PM



#38
Carbon Tetrachloride
Concen: 21.28 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.0	115.6
121	31.8	25.1	37.7





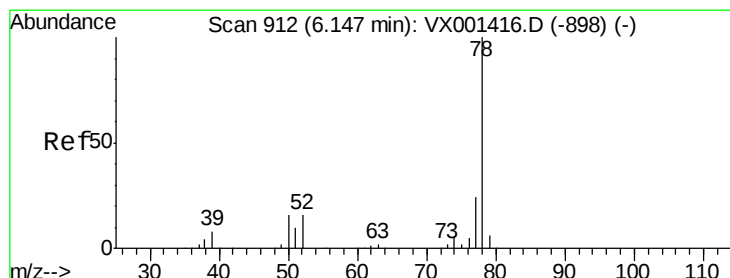
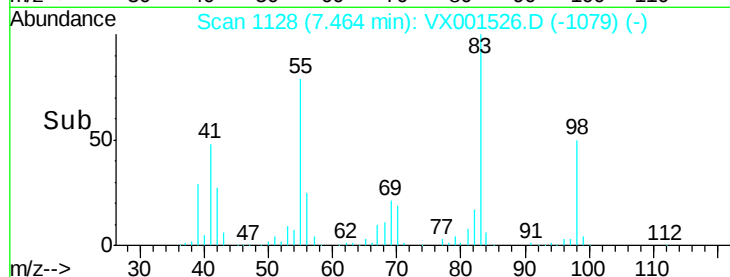
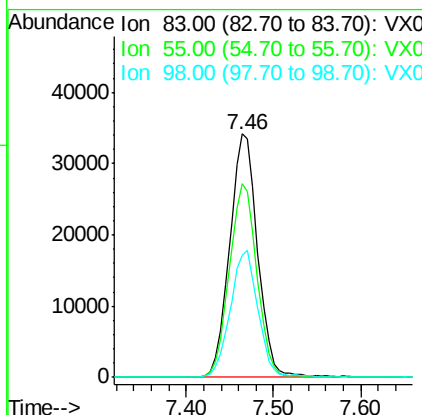
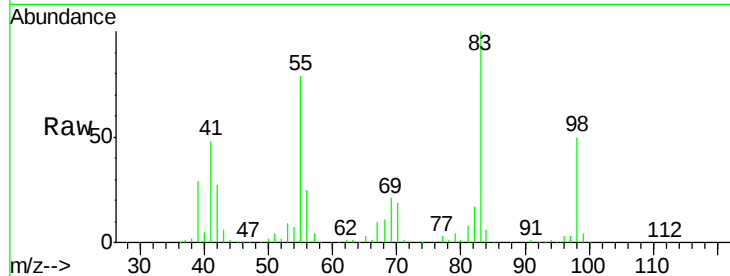
#39
Methvlcvclohexane
Concen: 17.90 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	60.9	91.3
98	50.4	41.9	62.9

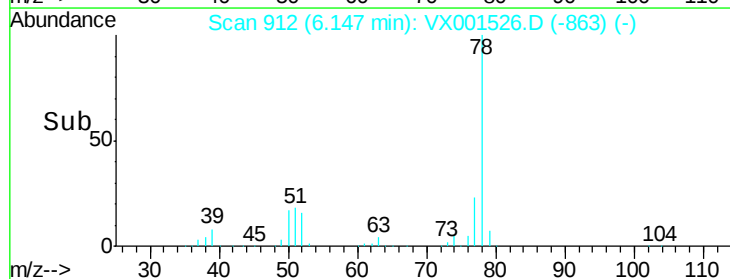
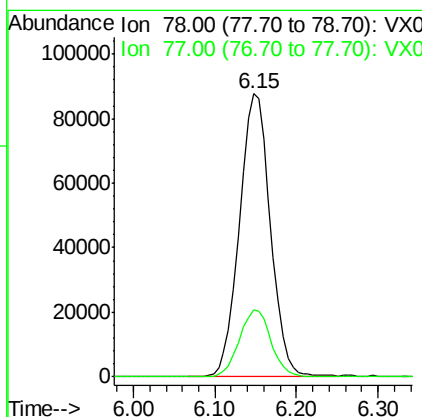
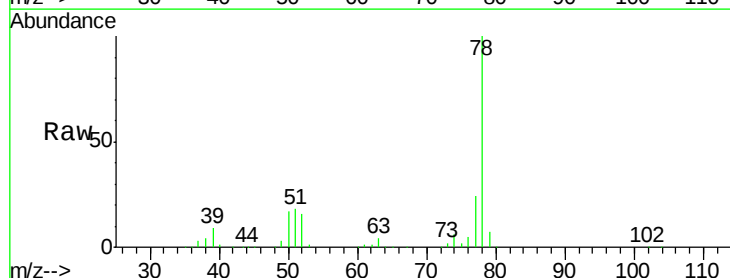
Manual Integrations
APPROVED

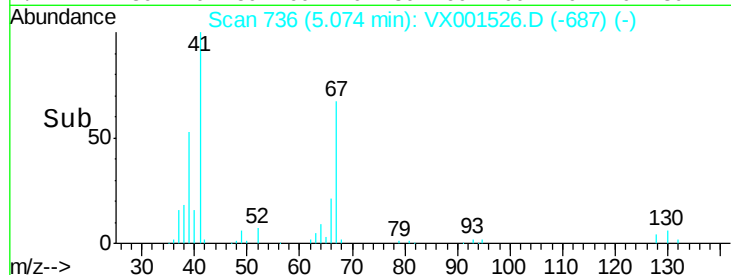
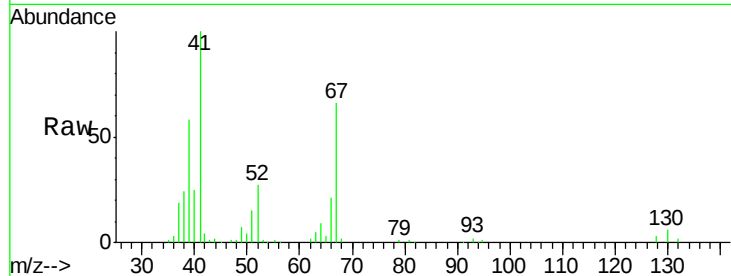
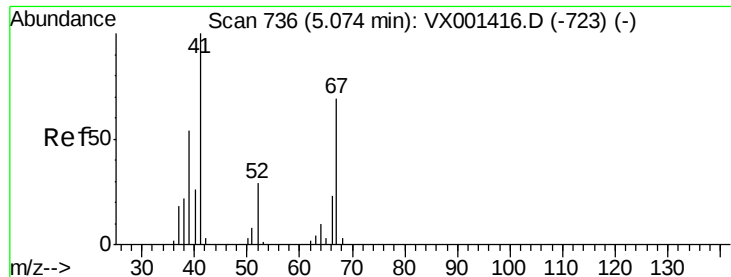
MMDadoda
5/10/2018 1:11:26 PM



#40
Benzene
Concen: 22.00 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

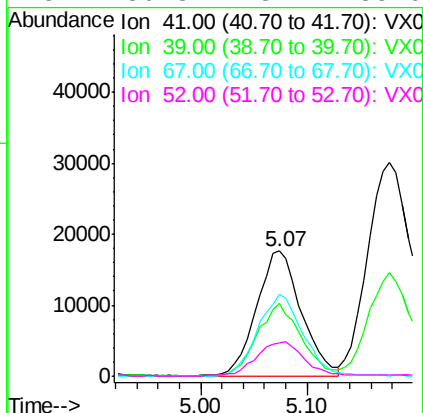
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.2





#41
Methacrylonitrile
Concen: 22.94 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

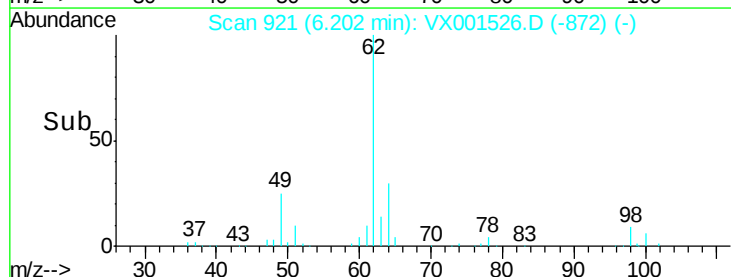
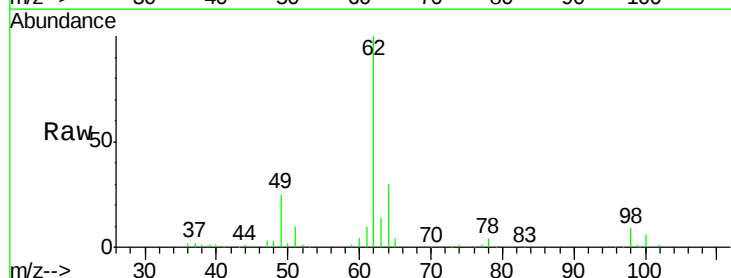
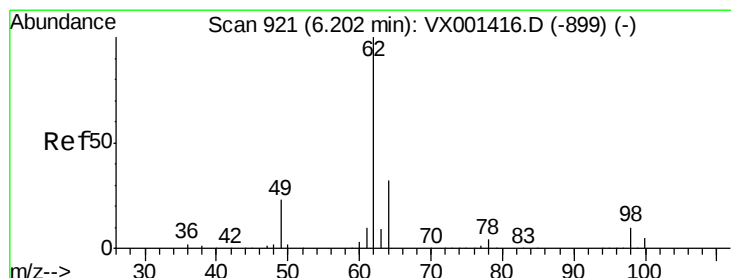
Tot Ion	41	Resp	51743
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.0	67.6
67	66.4	55.0	82.6
52	30.3	23.4	35.0



Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

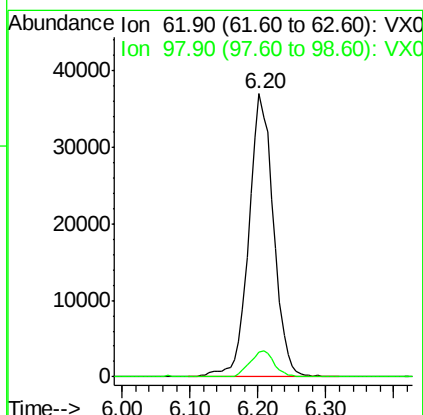
Manual Integrations
APPROVED

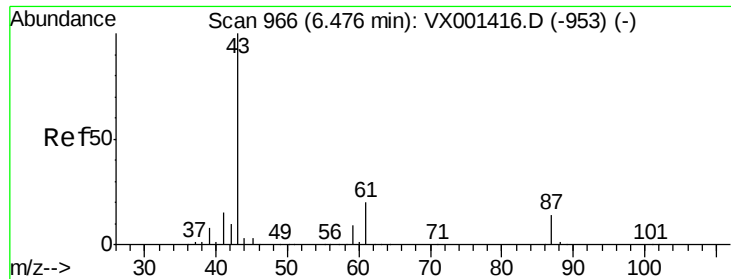
MMDadoda
5/10/2018 1:11:26 PM



#42
1,2-Dichloroethane
Concen: 23.25 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion	62	Resp	93894
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.0





#43

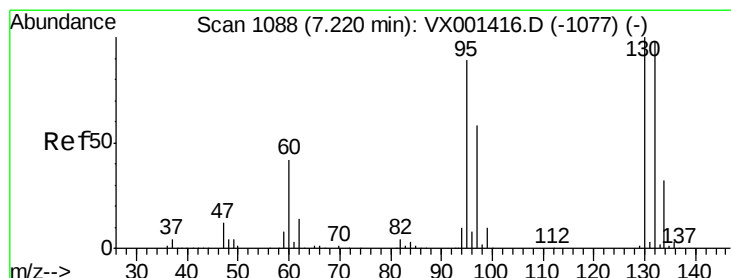
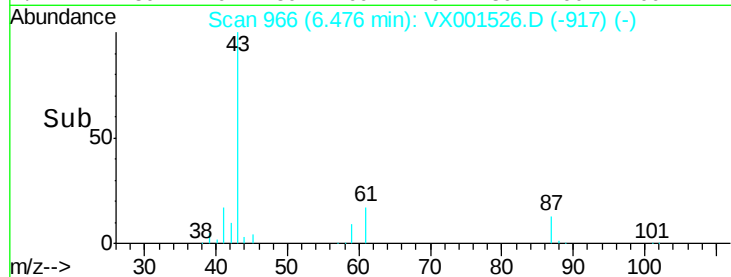
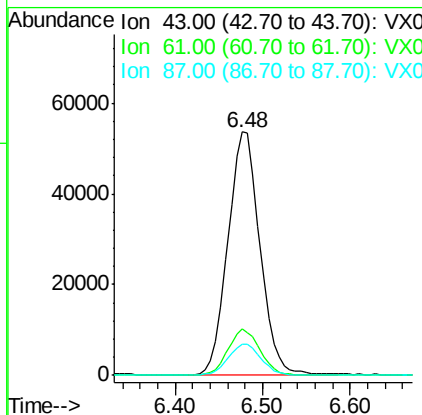
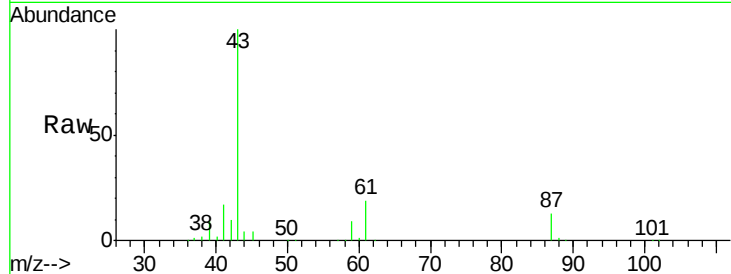
Isopropyl Acetate
 Concen: 22.51 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.0
87	13.1	10.8	16.2

Manual Integrations
 APPROVED

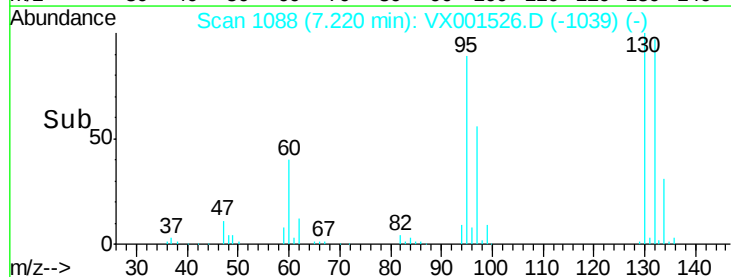
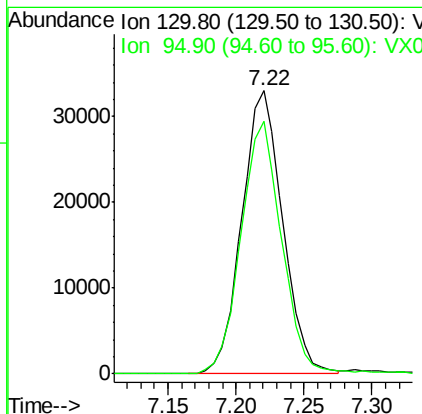
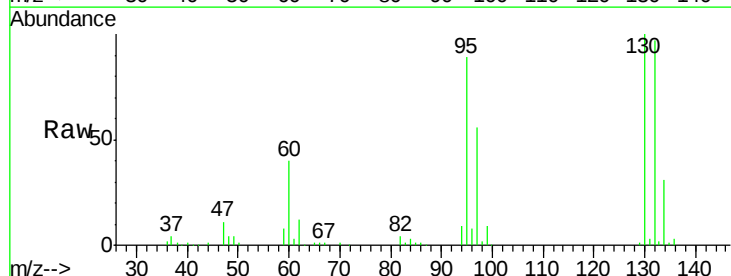
MMDadoda
 5/10/2018 1:11:26 PM

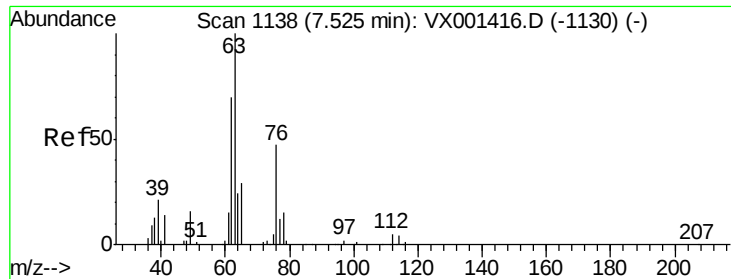


#44

Trichloroethene
 Concen: 21.61 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	178.4





#45

1,2-Dichloropropane

Concen: 22.23 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 63 Resp: 58224

Ion Ratio Lower Upper

63 100

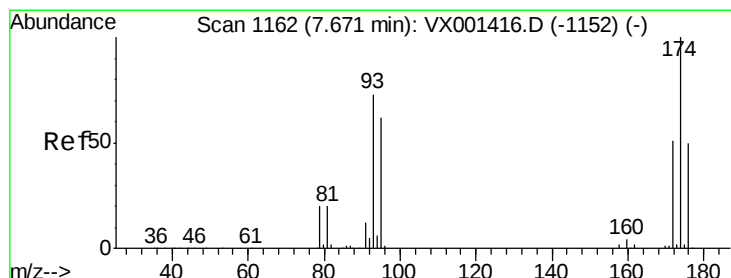
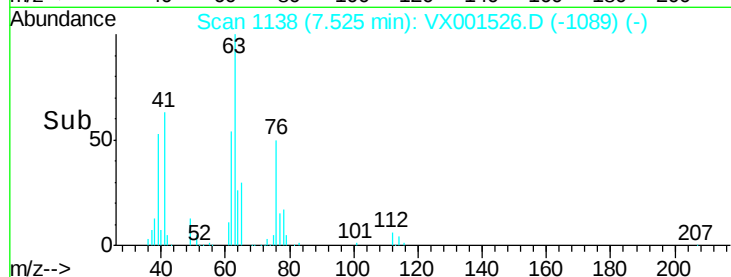
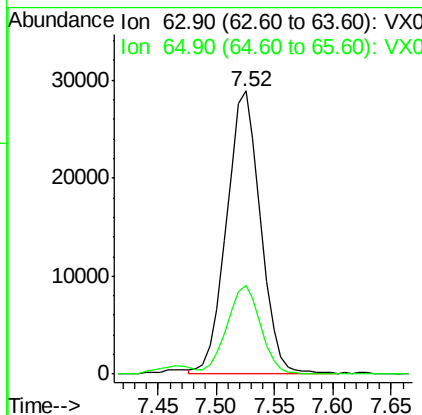
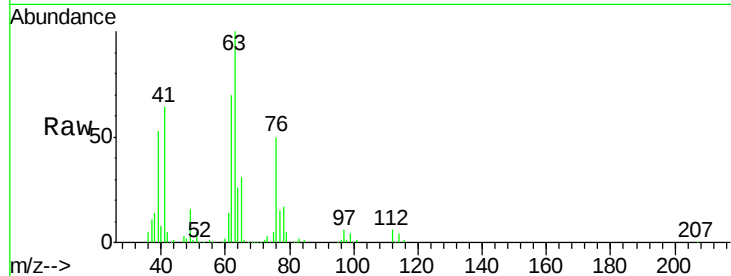
65 31.4 24.5 36.7

Manual Integrations

APPROVED

MMDadoda

5/10/2018 1:11:26 PM



#46

Dibromomethane

Concen: 22.56 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

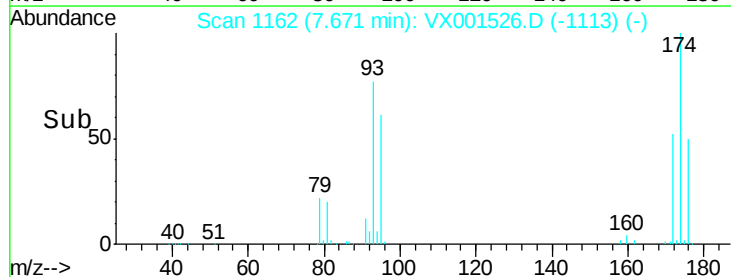
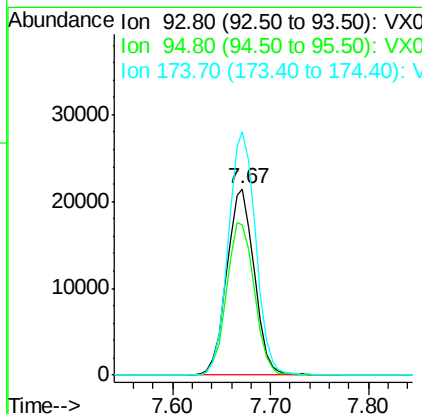
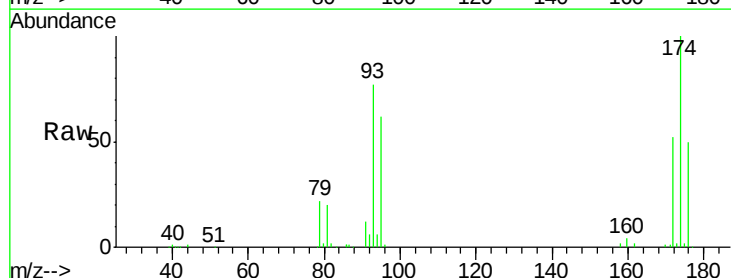
Tgt Ion: 93 Resp: 41836

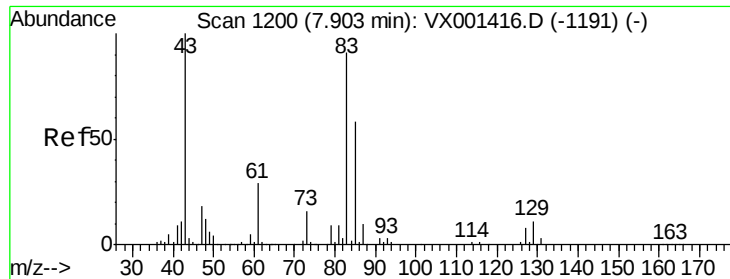
Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.4

174 130.2 104.5 156.7





#47

Bromodichloromethane

Concen: 22.21 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

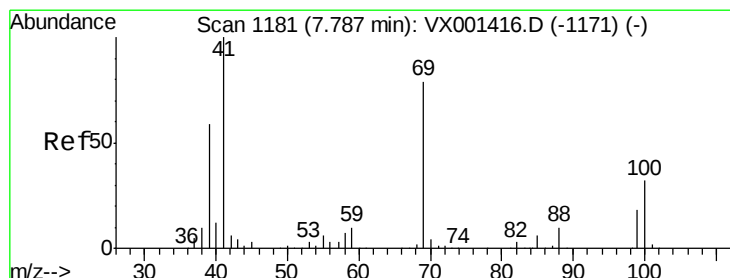
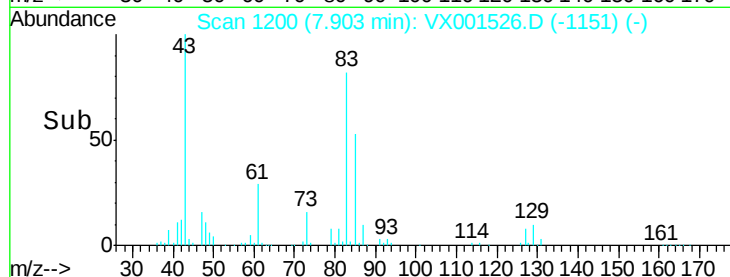
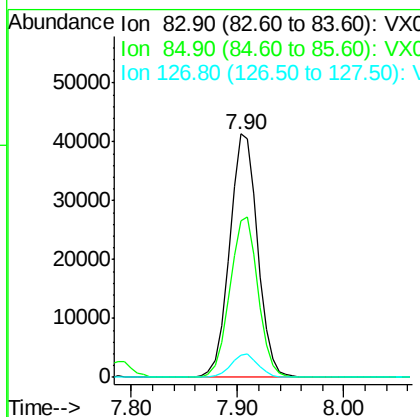
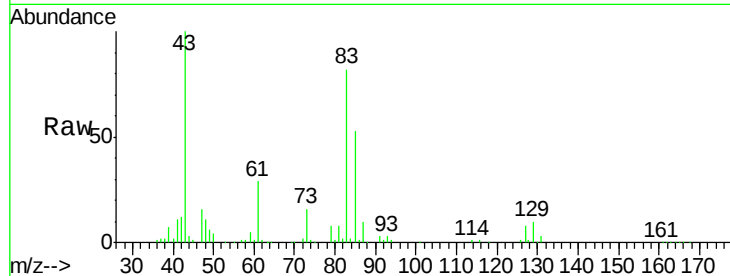
ClientSampleId :

VX0508WBSD01

Tot Ion:	83	Resp:	76214
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.6
127	9.2	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:11:26 PM



#48

Methyl methacrylate

Concen: 22.52 ug/l

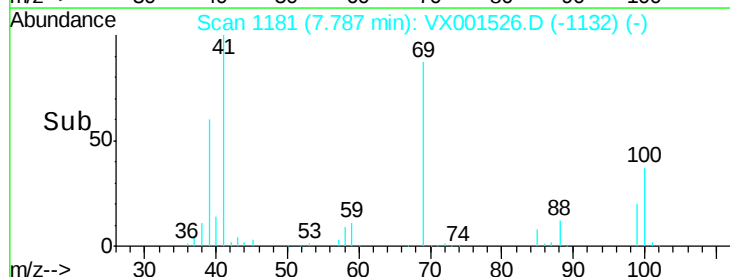
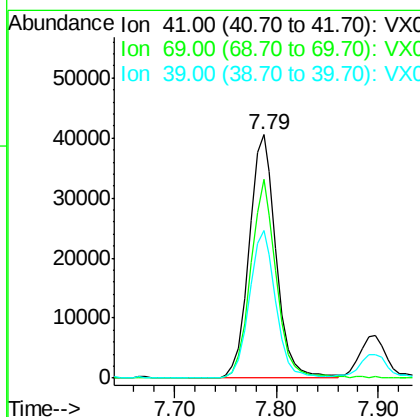
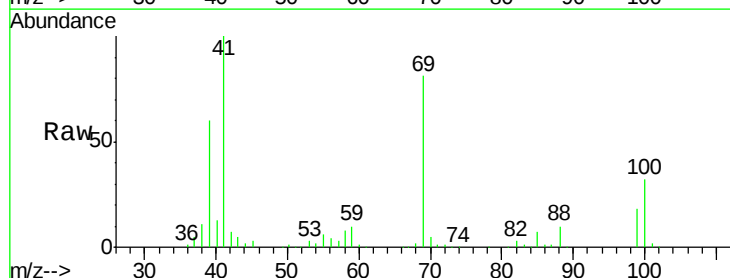
RT: 7.79 min Scan# 1181

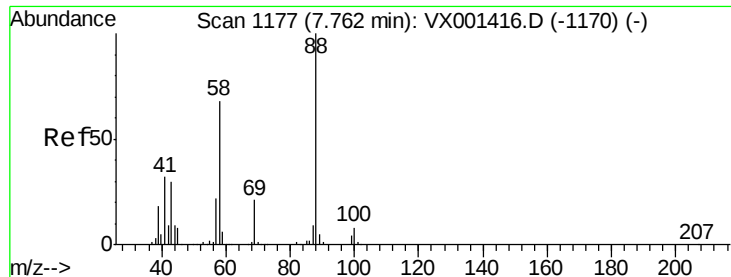
Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Tgt Ion:	41	Resp:	74208
Ion	Ratio	Lower	Upper
41	100		
69	78.6	63.4	95.2
39	59.4	47.0	70.4





#49

1,4-Dioxane

Concen: 471.47 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

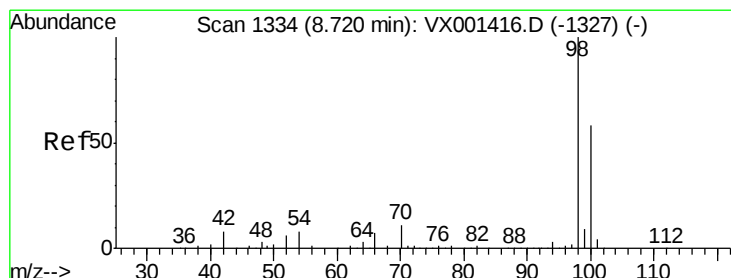
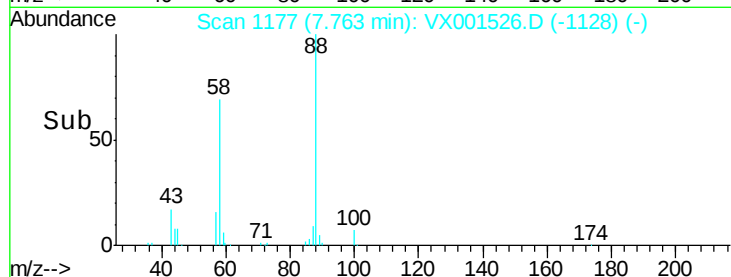
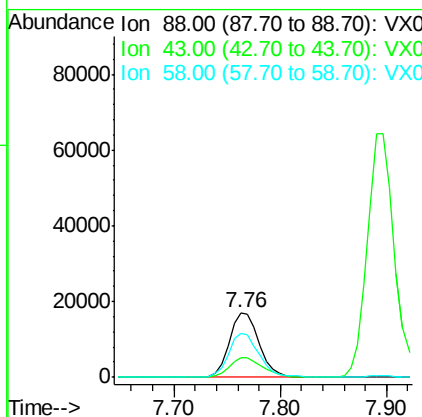
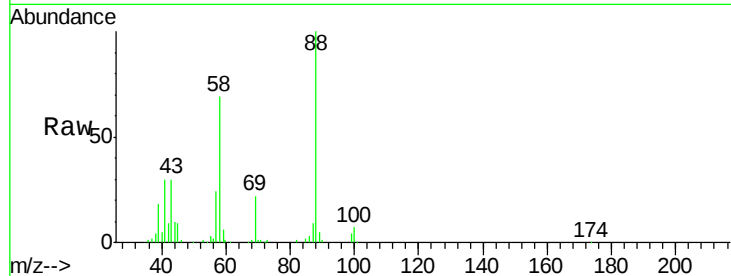
ClientSampleId :

VX0508WBSD01

Tot Ion:	88	Resp:	33571
Ion	Ratio	Lower	Upper
88	100		
43	34.6	26.4	39.6
58	70.7	54.1	81.1

Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:11:26 PM



#50

Toluene-d8

Concen: 51.01 ug/l

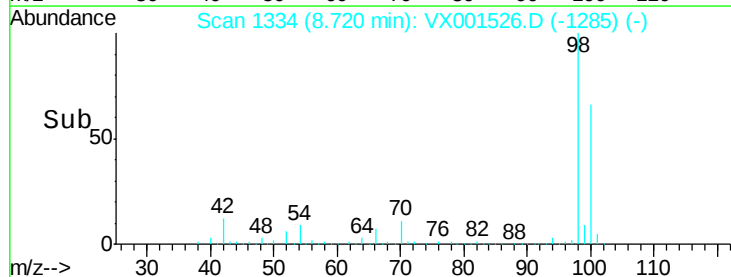
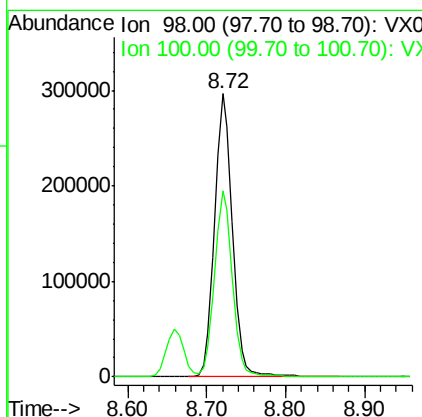
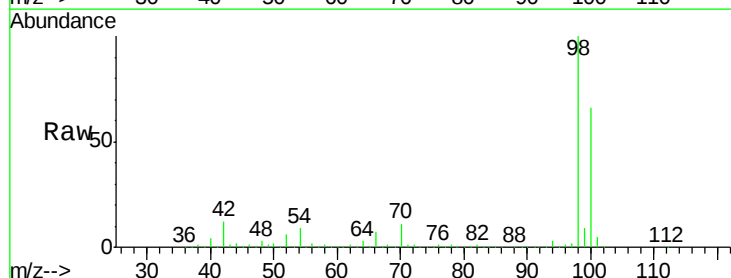
RT: 8.72 min Scan# 1334

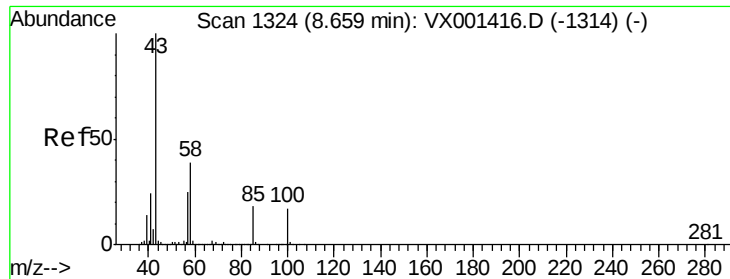
Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Tgt Ion:	98	Resp:	468267
Ion	Ratio	Lower	Upper
98	100		
100	66.3	54.0	81.0





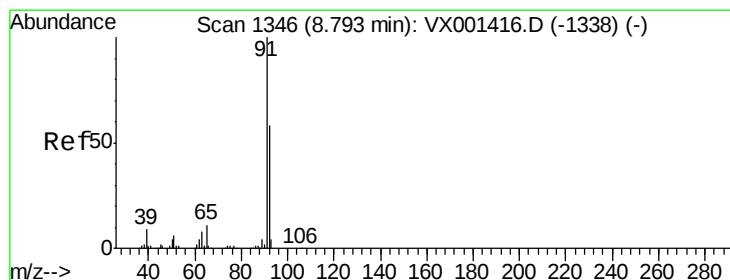
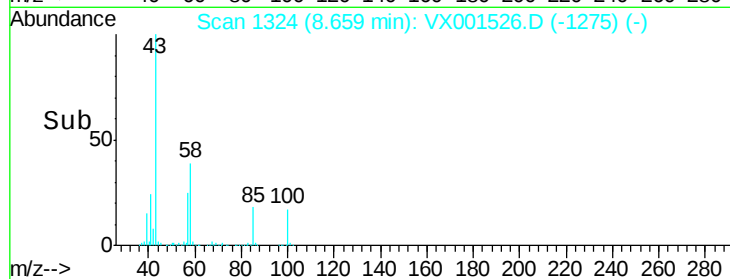
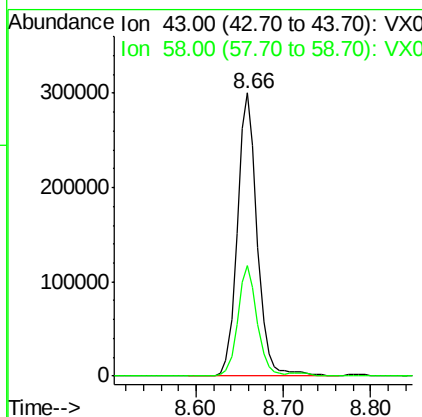
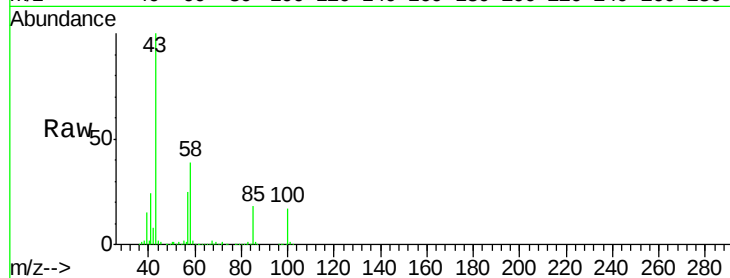
#51
4-Methyl-2-Pentanone
Concen: 118.46 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.8	46.2

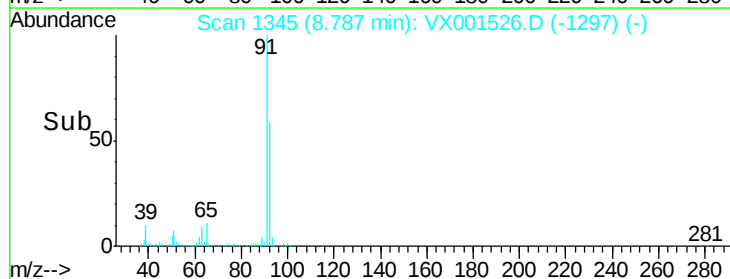
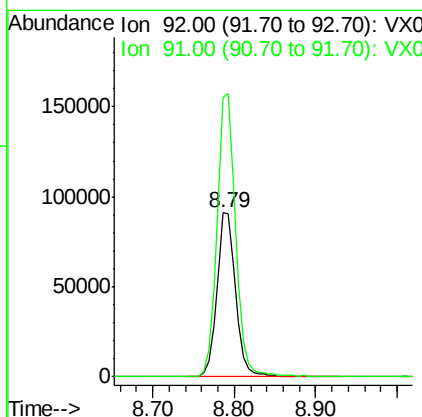
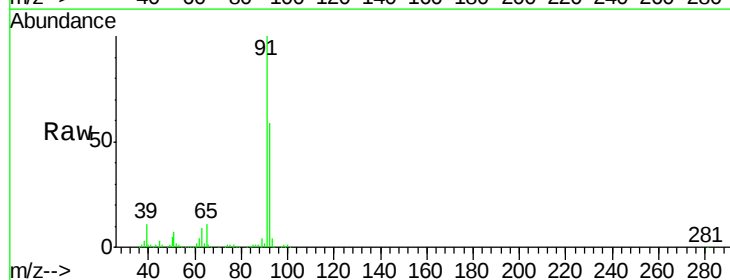
Manual Integrations
APPROVED

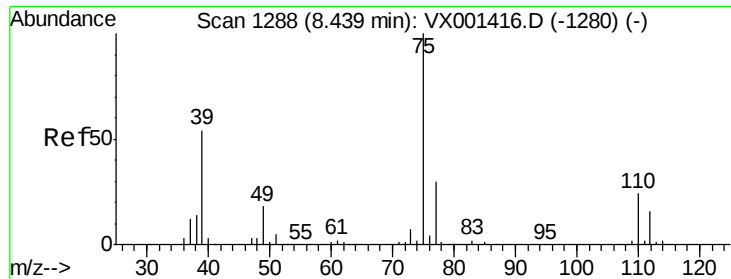
MMDadoda
5/10/2018 1:11:26 PM



#52
Toluene
Concen: 21.60 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.0	135.2	202.8





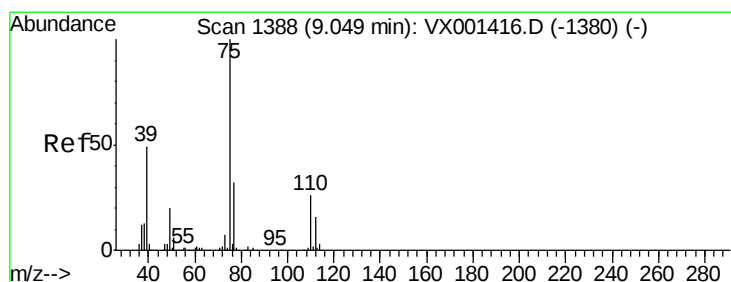
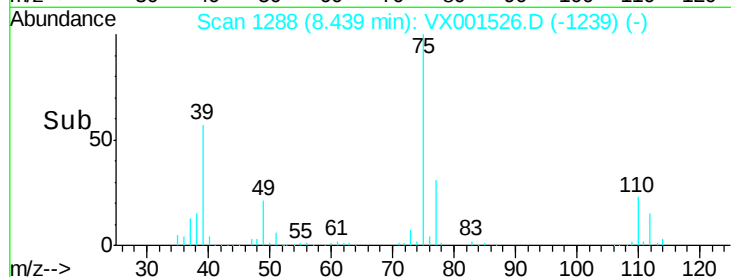
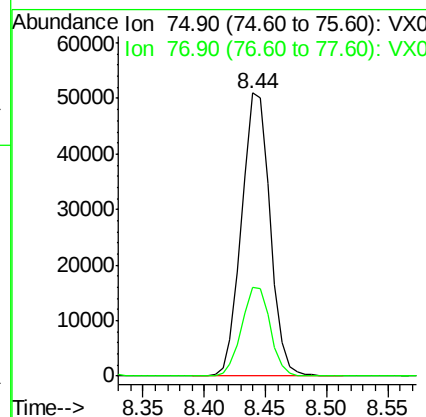
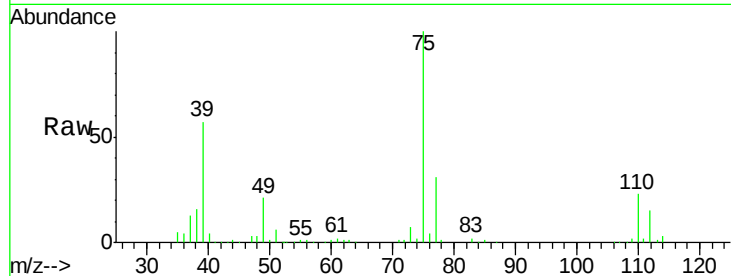
#53
t-1,3-Dichloropropene
Concen: 21.23 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.2	36.4

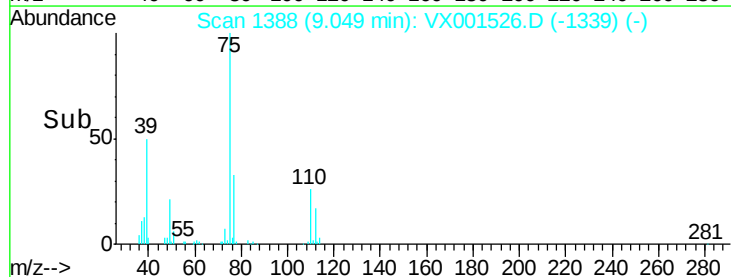
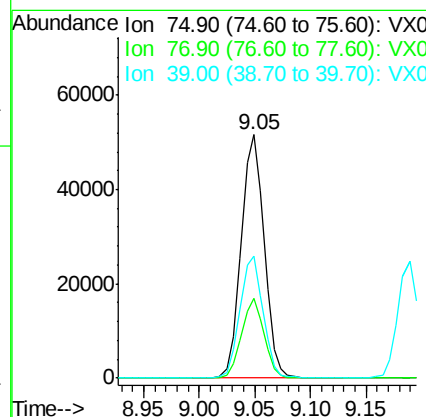
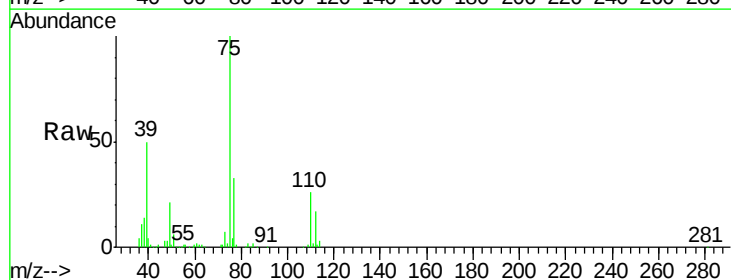
Manual Integrations
APPROVED

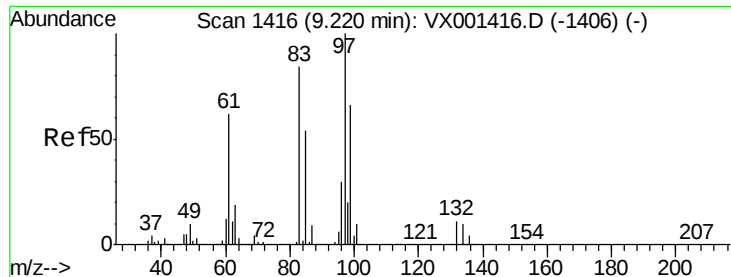
MMDadoda
5/10/2018 1:11:26 PM



#54
cis-1,3-Dichloropropene
Concen: 19.86 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.5	38.3
39	50.1	38.9	58.3





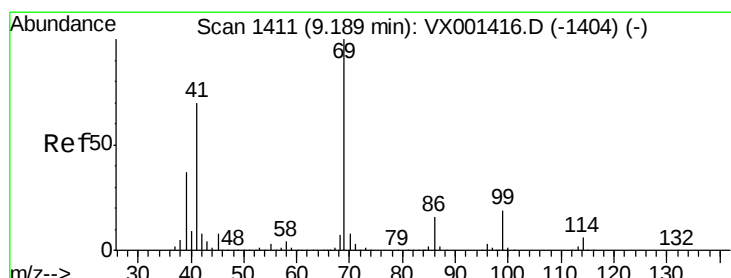
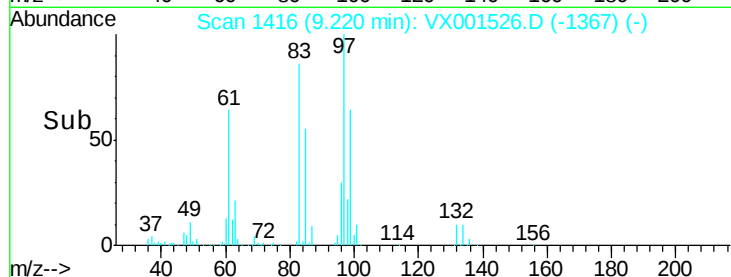
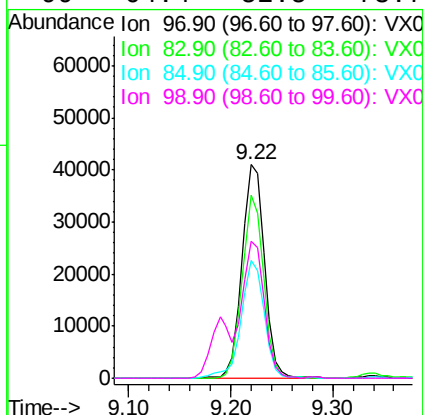
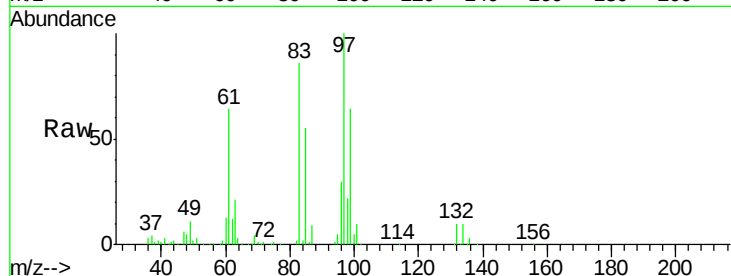
#55
 1,1,2-Trichloroethane
 Concen: 22.58 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion:	97	Resp:	62483
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.4	101.0
85	54.9	43.3	64.9
99	64.4	52.5	78.7

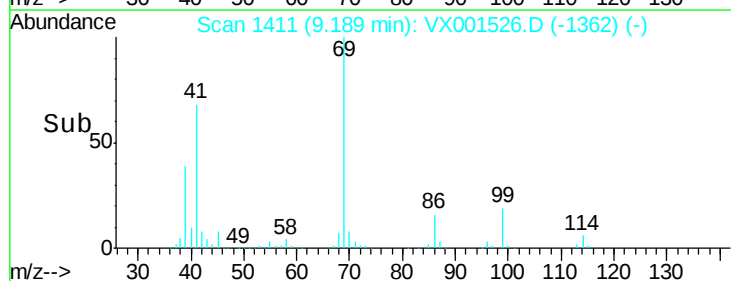
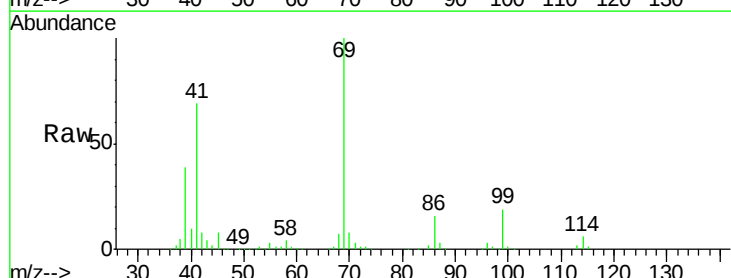
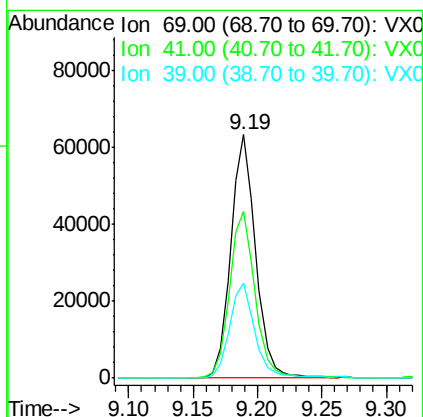
Manual Integrations
 APPROVED

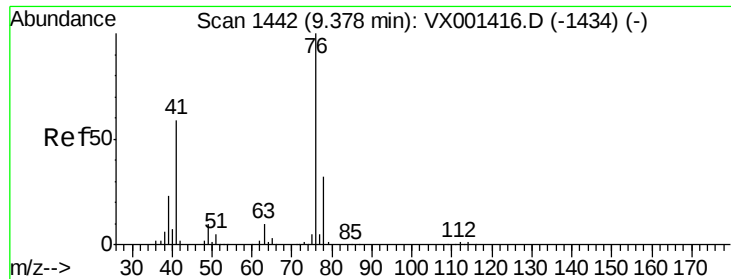
MMDadoda
 5/10/2018 1:11:26 PM



#56
 Ethyl methacrylate
 Concen: 21.47 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion:	69	Resp:	85672
Ion	Ratio	Lower	Upper
69	100		
41	69.9	55.1	82.7
39	39.5	29.9	44.9





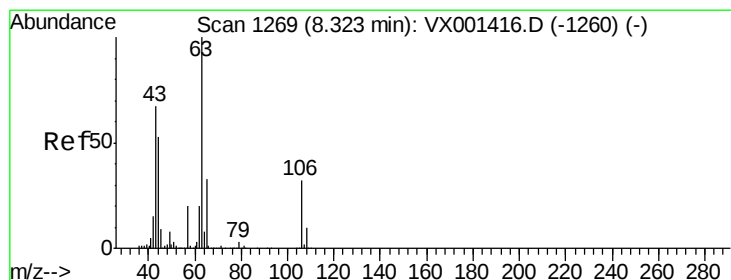
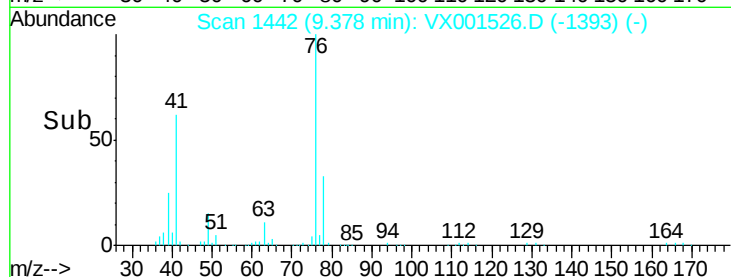
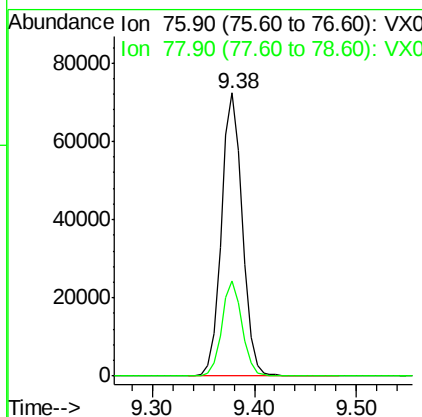
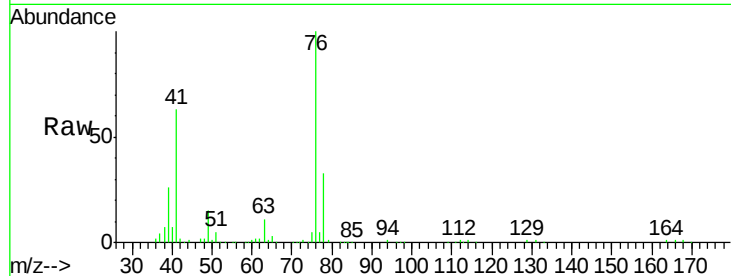
#57
 1,3-Dichloropropane
 Concen: 22.58 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

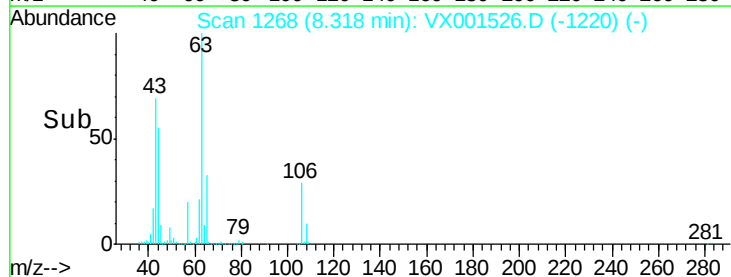
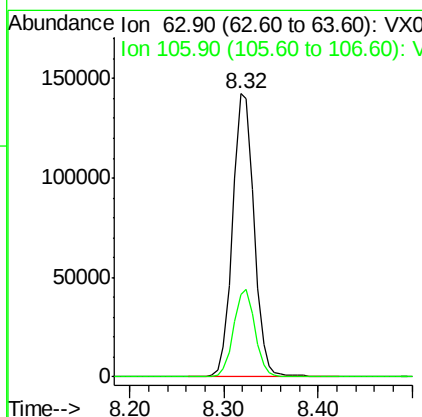
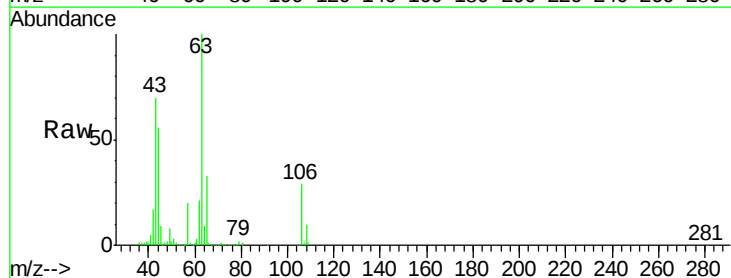
Manual Integrations
 APPROVED

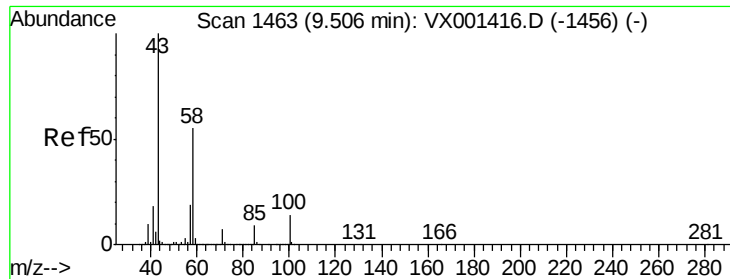
MMDadoda
 5/10/2018 1:11:26 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.54 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.0	25.4	38.0





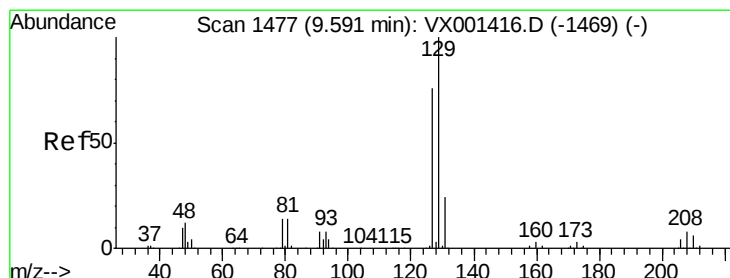
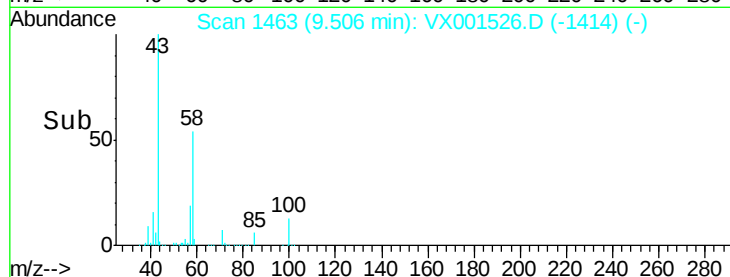
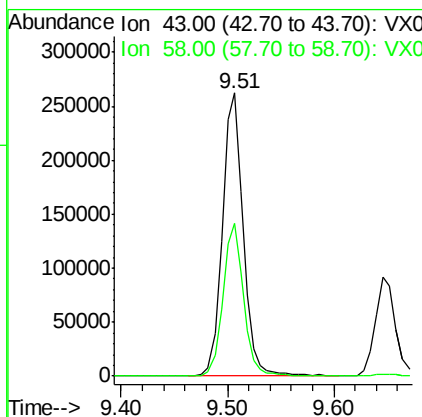
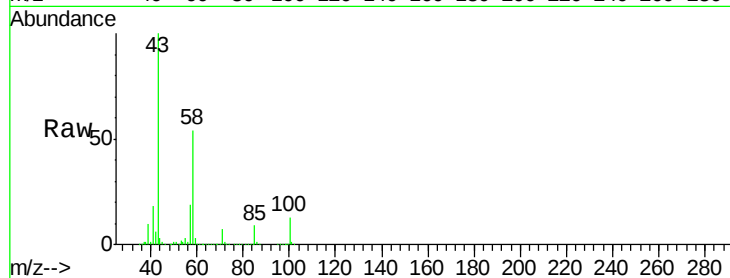
#59
2-Hexanone
Concen: 116.17 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.3	27.1	81.2

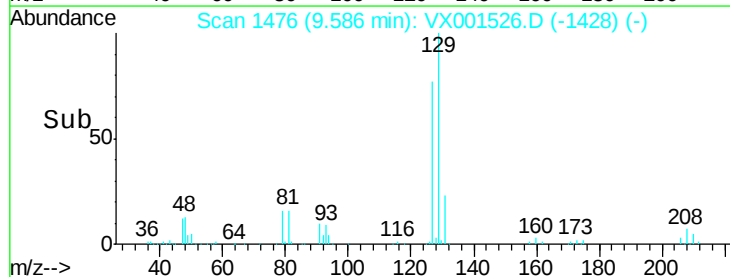
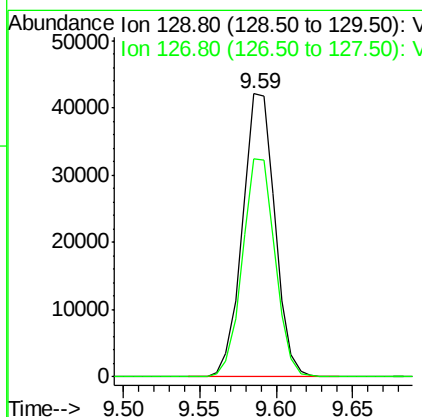
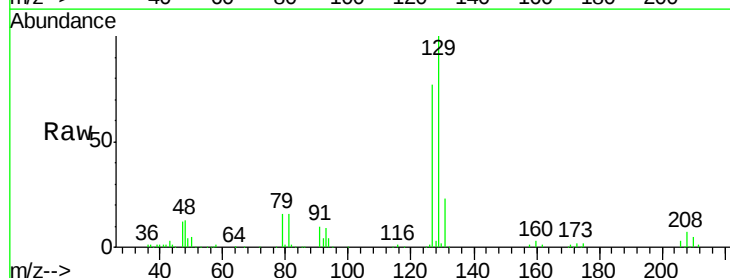
Manual Integrations
APPROVED

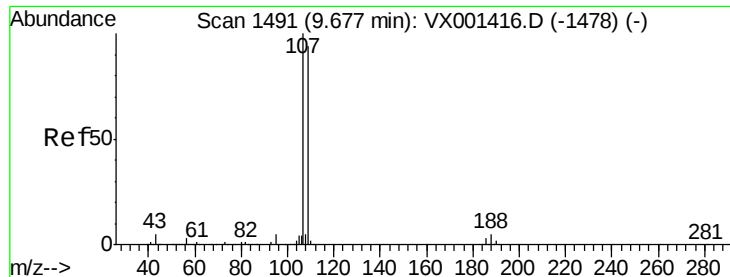
MMDadoda
5/10/2018 1:11:26 PM



#60
Dibromochloromethane
Concen: 21.89 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.1	114.5





#61

1,2-Dibromoethane

Concen: 22.49 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion:107 Resp: 65357

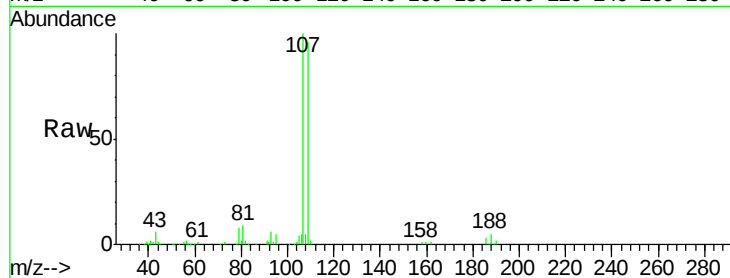
Ion Ratio Lower Upper

107 100

109 94.6 75.5 113.3

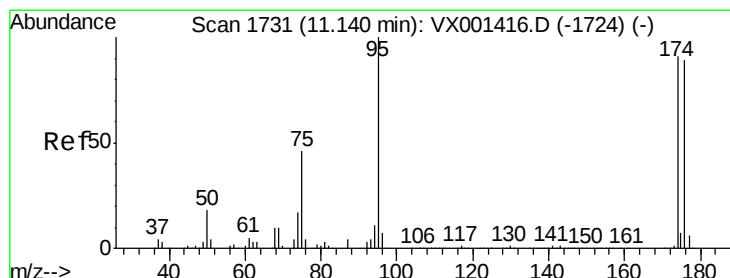
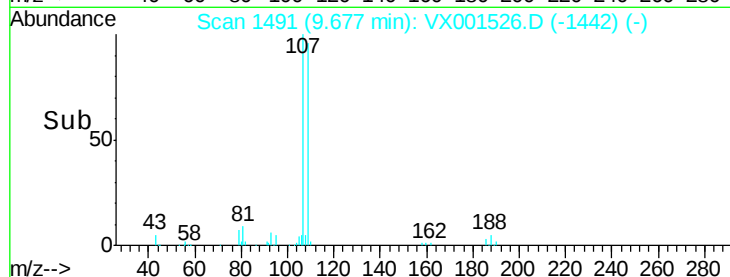
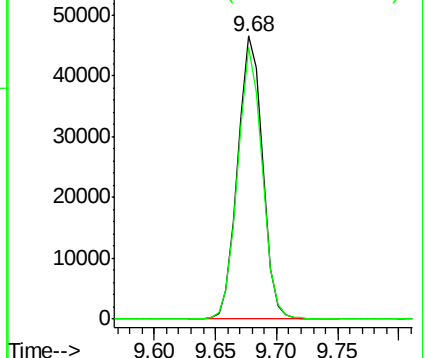
Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:11:26 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

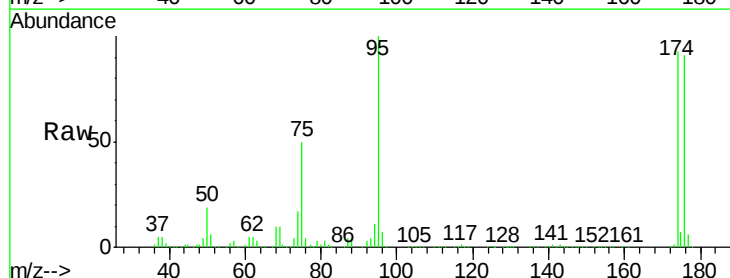
Tgt Ion: 95 Resp: 175121

Ion Ratio Lower Upper

95 100

174 101.1 0.0 202.0

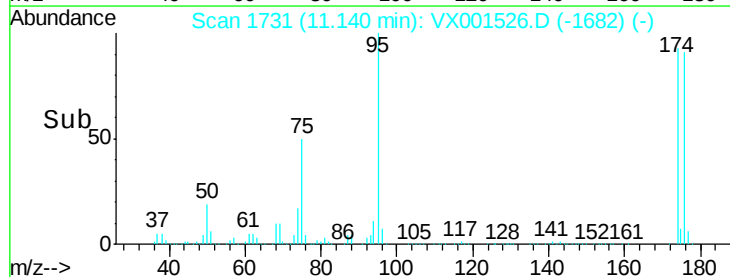
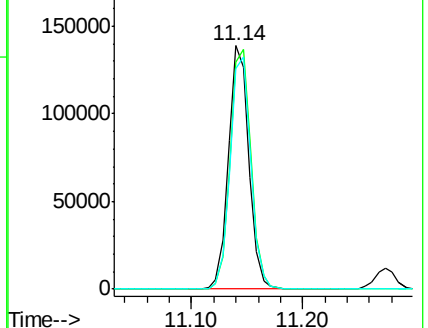
176 97.4 0.0 197.4

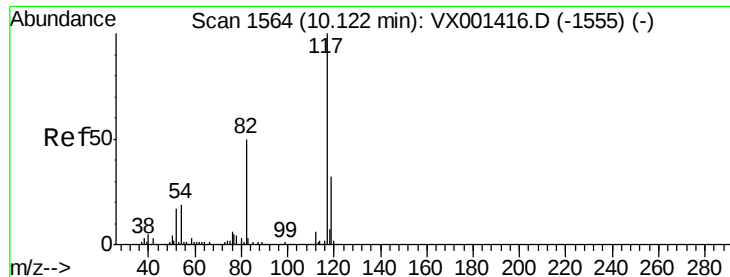


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





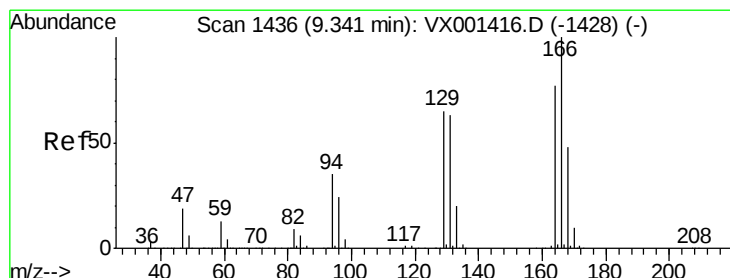
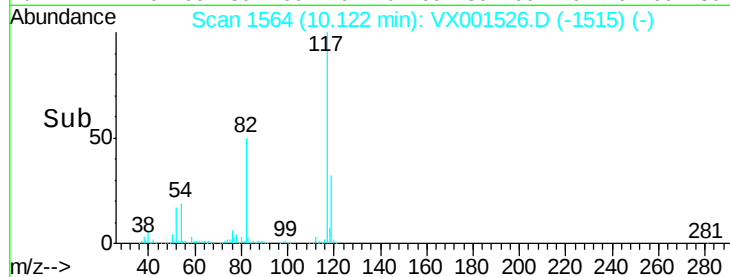
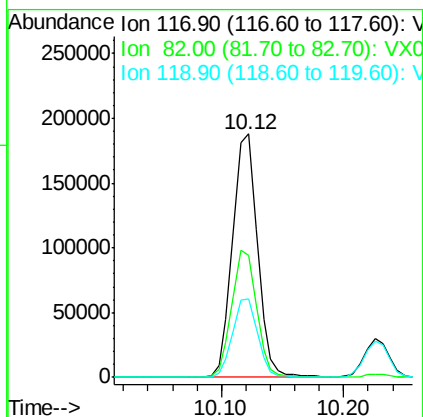
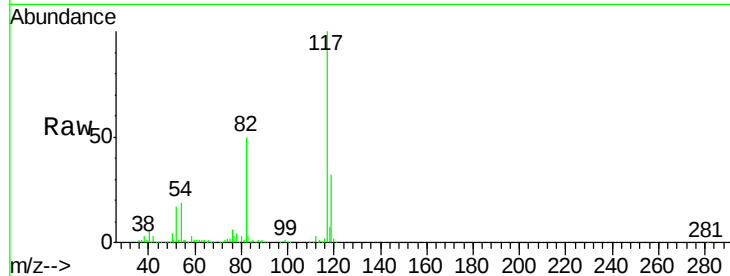
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	40.0	60.0
119	32.4	25.8	38.8

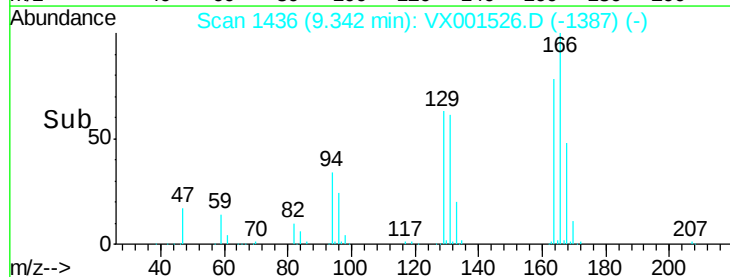
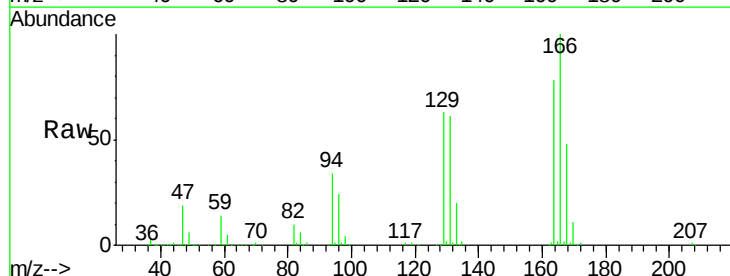
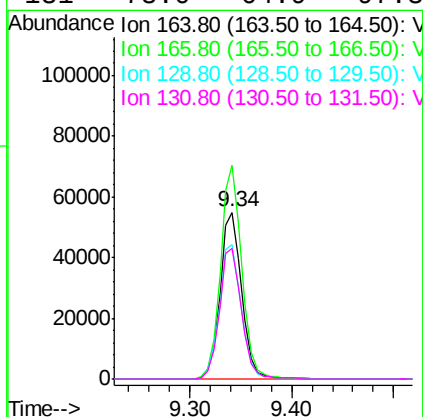
Manual Integrations
APPROVED

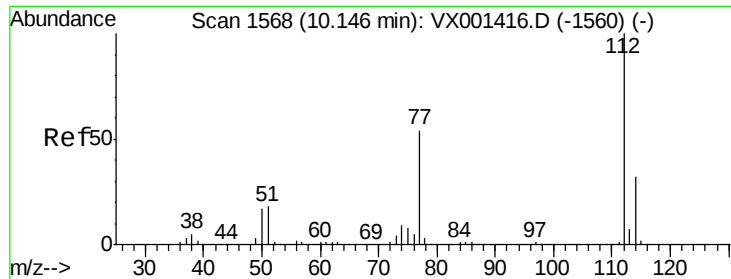
MMDadoda
5/10/2018 1:11:26 PM



#64
Tetrachloroethene
Concen: 21.93 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	103.5	155.3
129	80.6	66.7	100.1
131	78.0	64.9	97.3





#65

Chlorobenzene

Concen: 21.79 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion:112 Resp: 169466

Ion Ratio Lower Upper

112 100

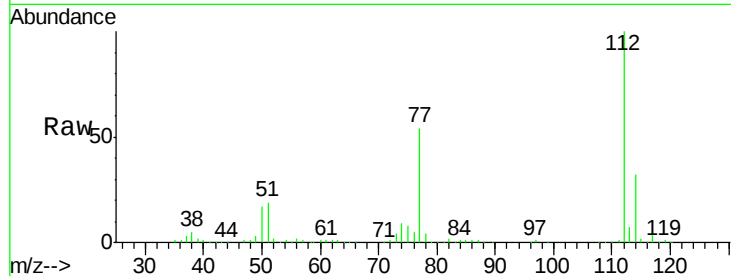
114 31.7 26.0 39.0

Manual Integrations

APPROVED

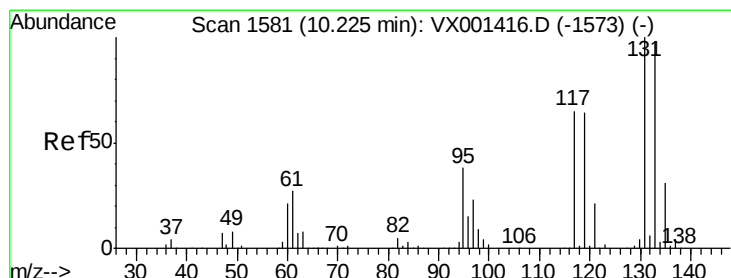
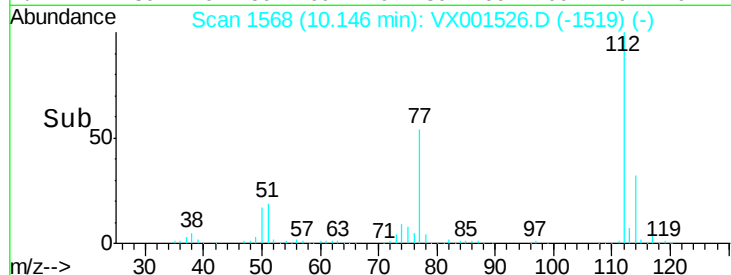
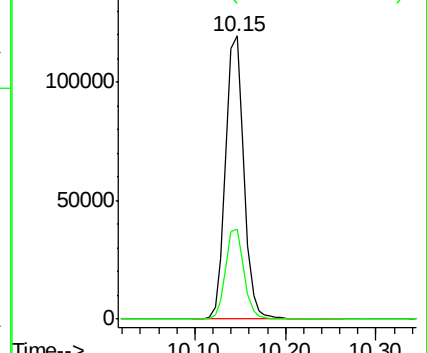
MMDadoda

5/10/2018 1:11:26 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.87 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

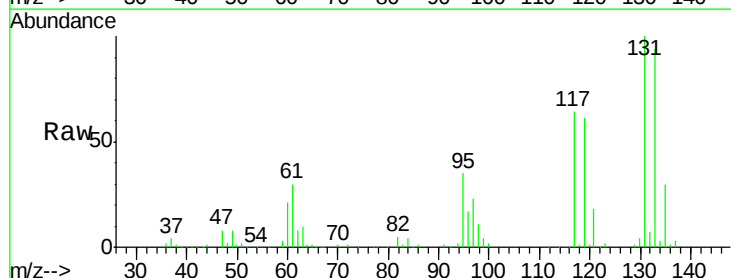
Tgt Ion:131 Resp: 63646

Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.8

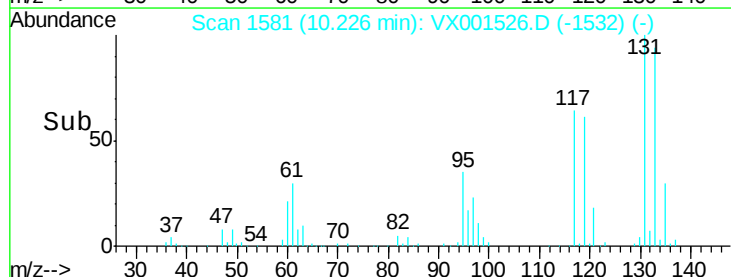
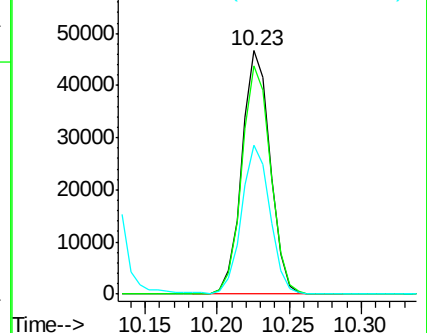
119 61.4 31.1 93.3

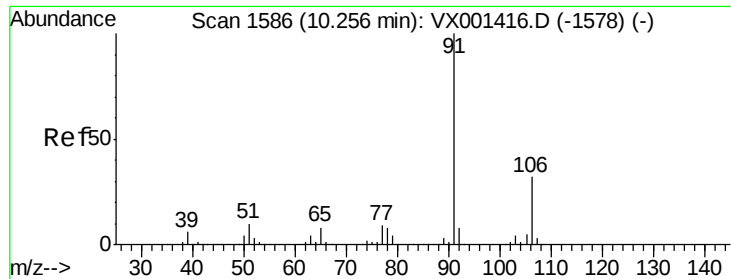


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





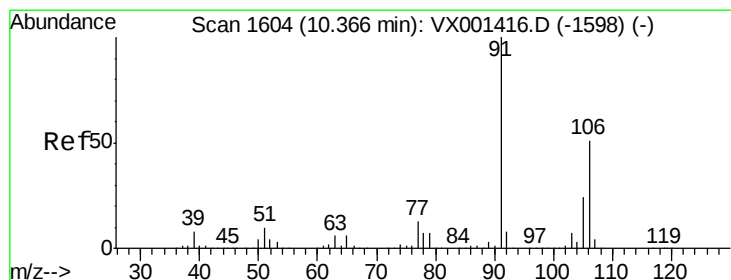
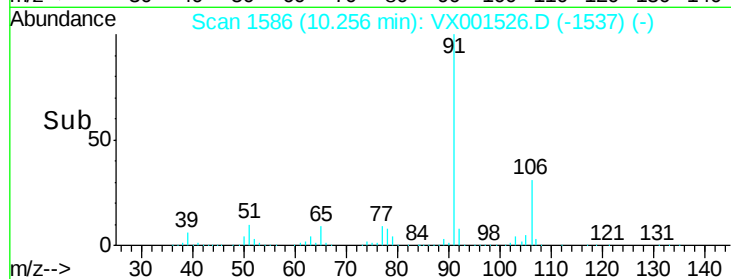
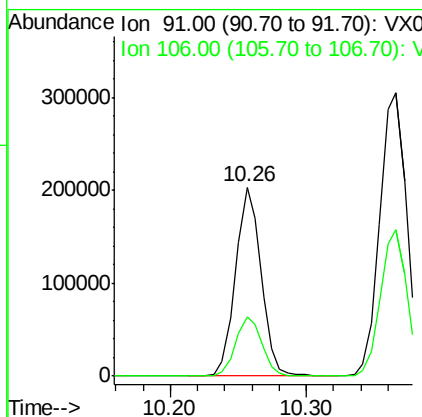
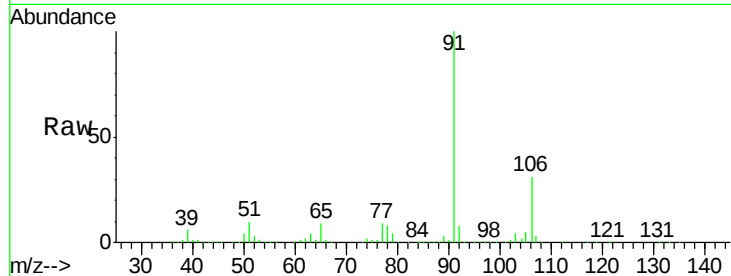
#67
Ethyl Benzene
Concen: 20.98 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampled :
VX0508WBSD01

Tot Ion: 91 Resp: 267443
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

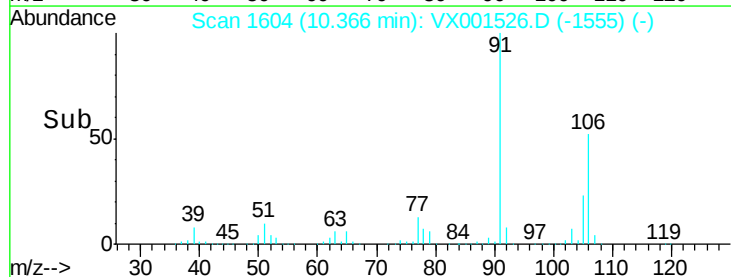
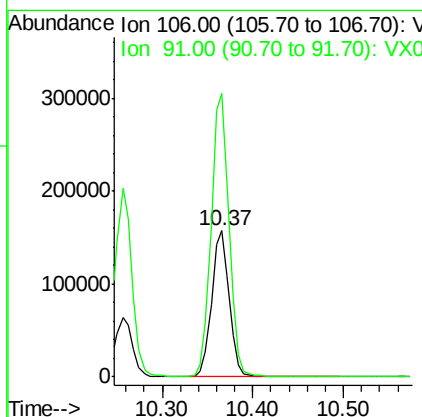
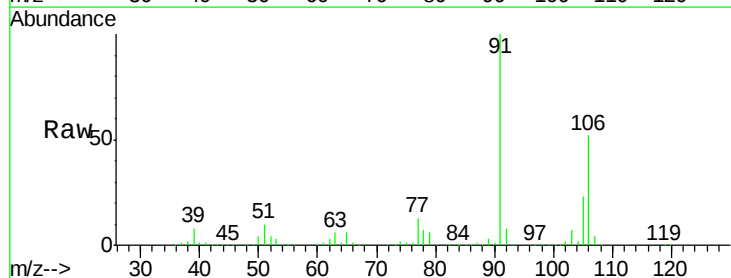
Manual Integrations
APPROVED

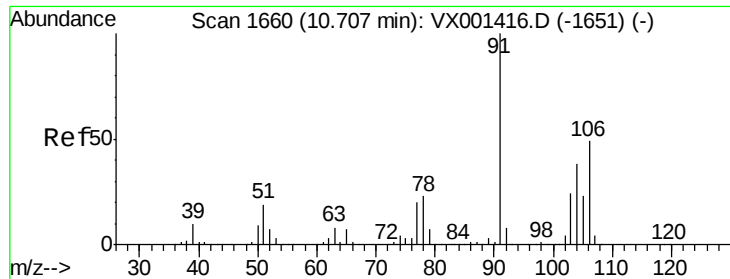
MMDadoda
5/10/2018 1:11:26 PM



#68
m/p-Xylenes
Concen: 42.72 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion: 106 Resp: 215195
Ion Ratio Lower Upper
106 100
91 197.8 157.5 236.3





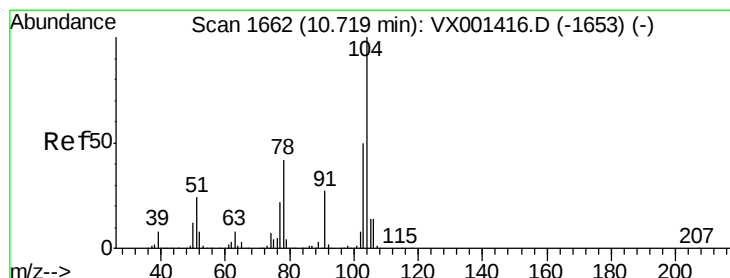
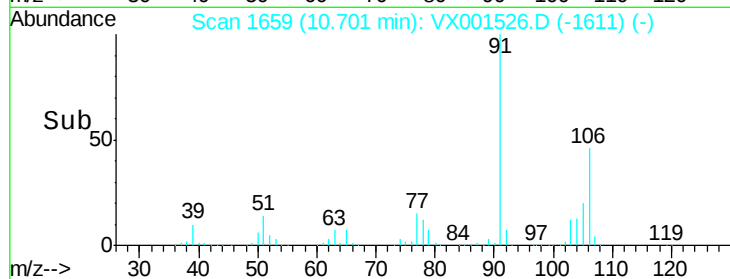
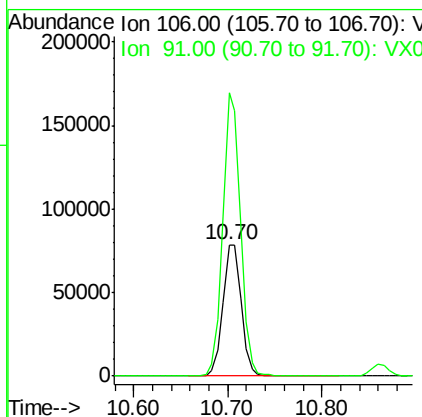
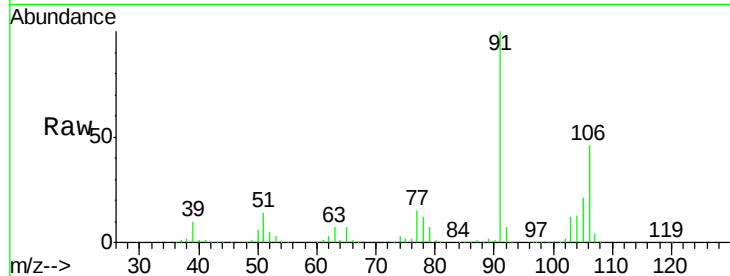
#69
o-Xylene
Concen: 21.67 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.6	103.1	309.1

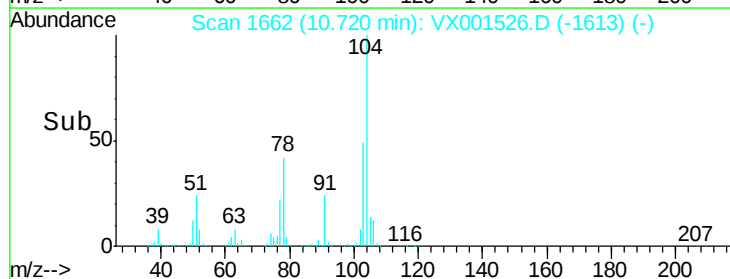
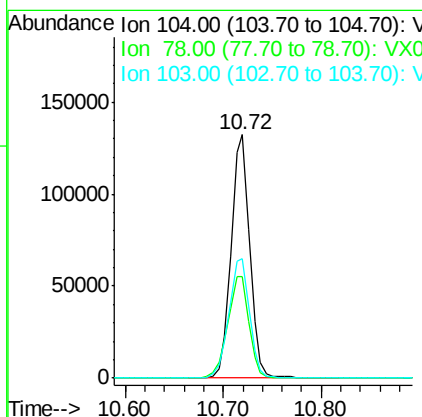
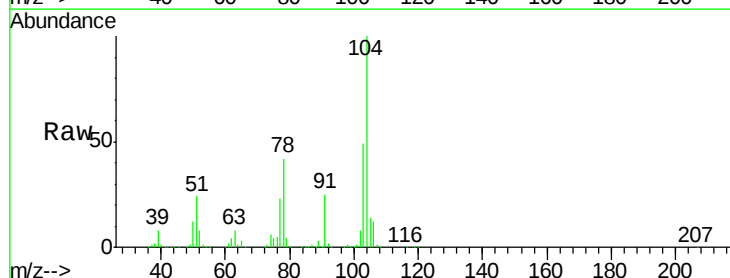
Manual Integrations
APPROVED

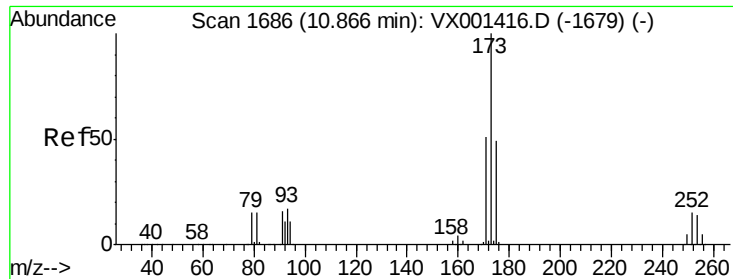
MMDadoda
5/10/2018 1:11:26 PM



#70
Styrene
Concen: 21.95 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.6	58.0
103	54.9	44.0	66.0





#71

Bromoform

Concen: 20.56 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion:173 Resp: 48968

Ion Ratio Lower Upper

173 100

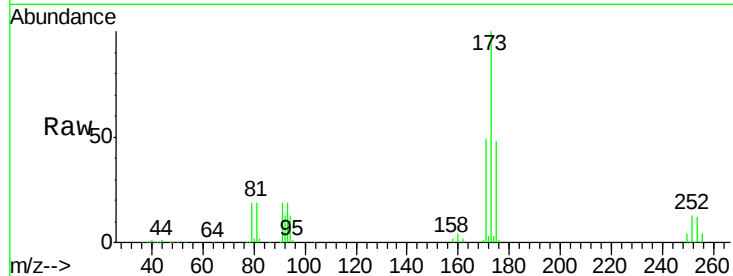
175 48.7 24.5 73.5

254 0.1 0.2 0.2#

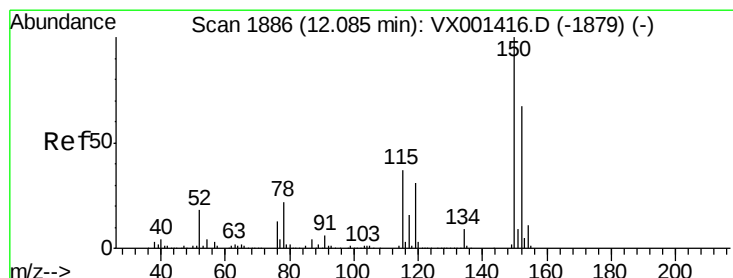
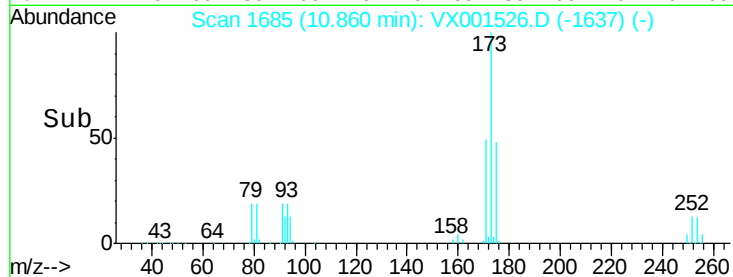
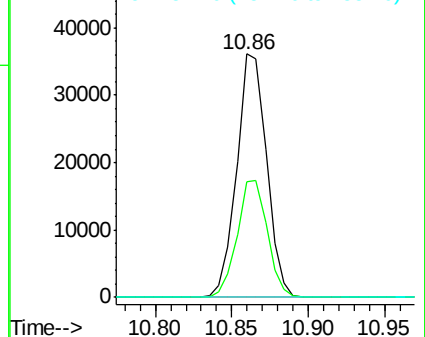
Manual Integrations
APPROVED

MMDadoda

5/10/2018 1:11:26 PM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

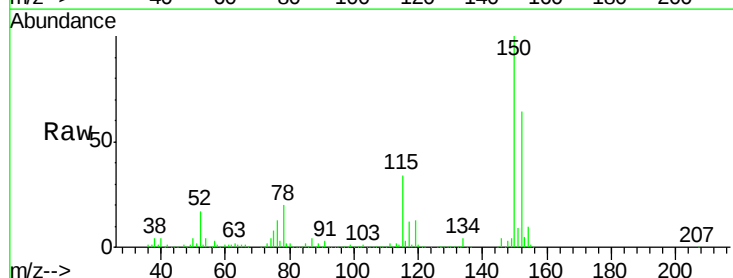
Tgt Ion:152 Resp: 186409

Ion Ratio Lower Upper

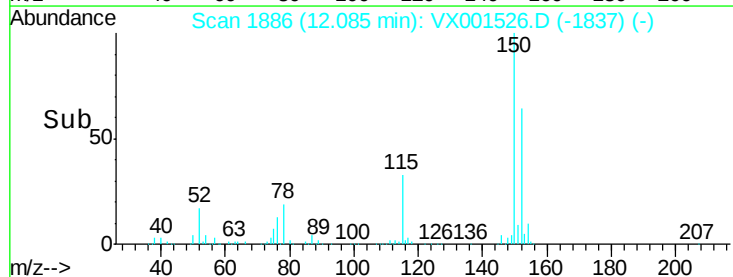
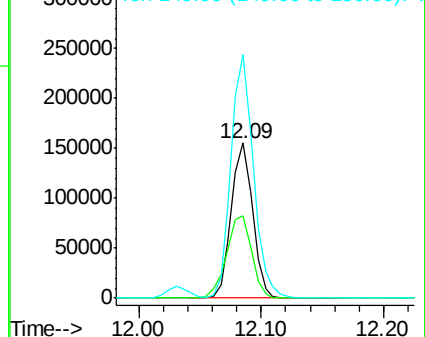
152 100

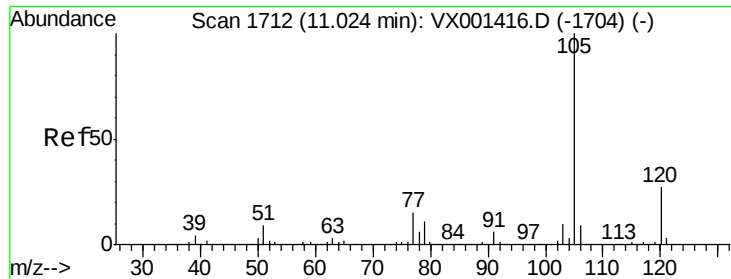
115 62.8 37.7 113.1

150 164.8 0.0 349.4



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





#73

Isopropylbenzene

Concen: 21.85 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 105 Resp: 281908

Ion Ratio Lower Upper

105 100

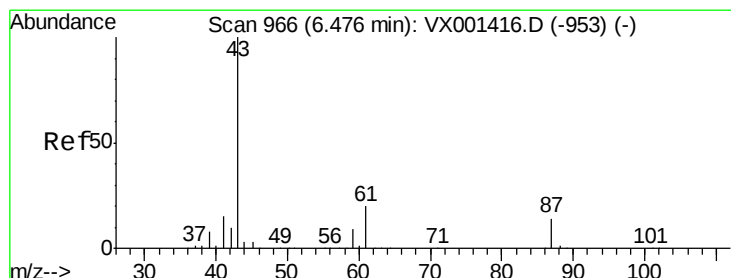
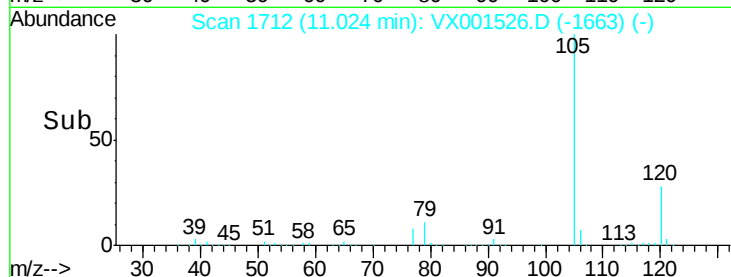
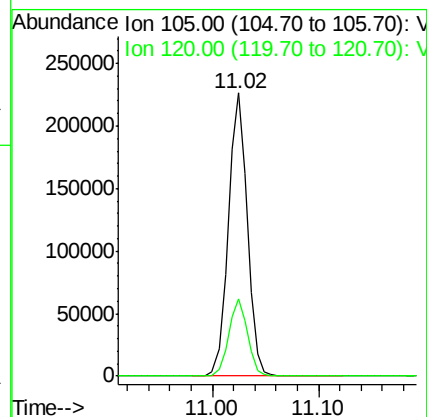
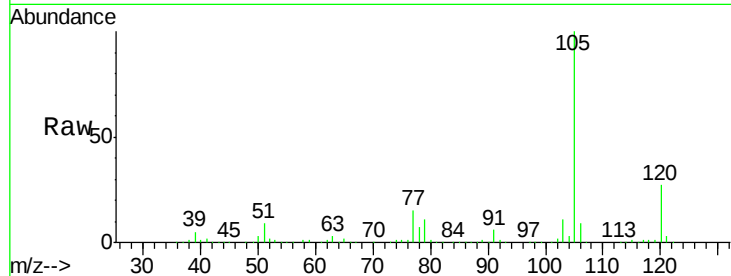
120 26.8 13.6 40.8

Manual Integrations

APPROVED

MMDadoda

5/10/2018 1:11:26 PM



#74

N-ethyl acetate

Concen: 23.24 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Tgt Ion: 43 Resp: 136227

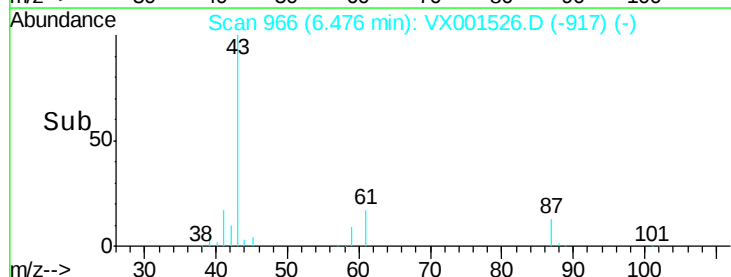
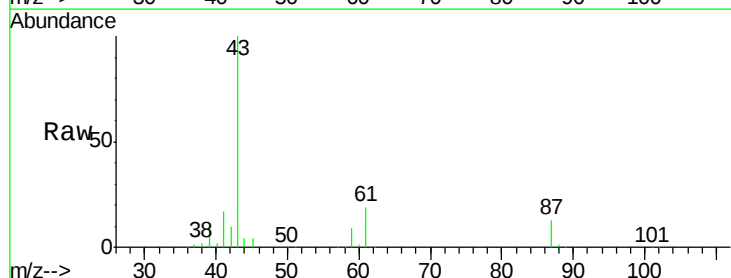
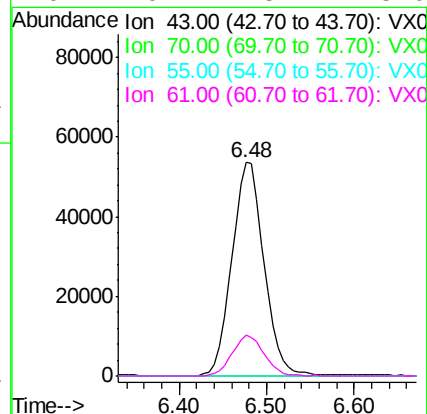
Ion Ratio Lower Upper

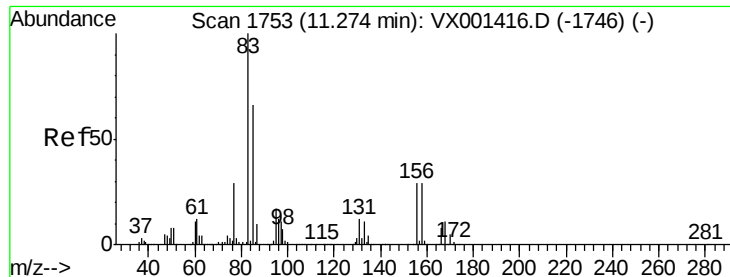
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.1 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.23 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

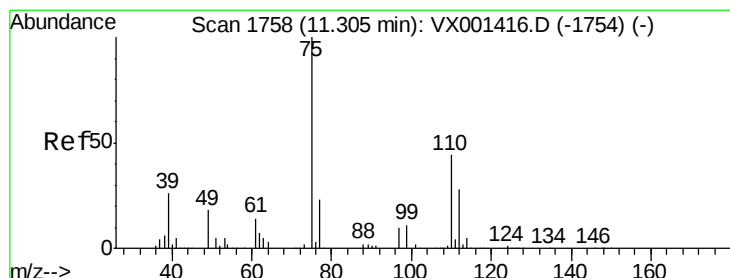
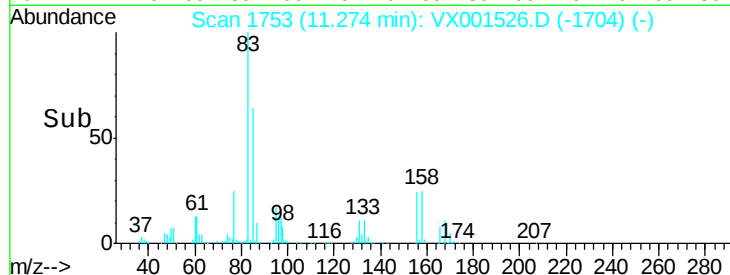
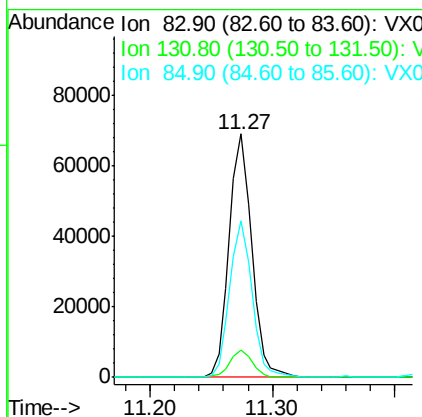
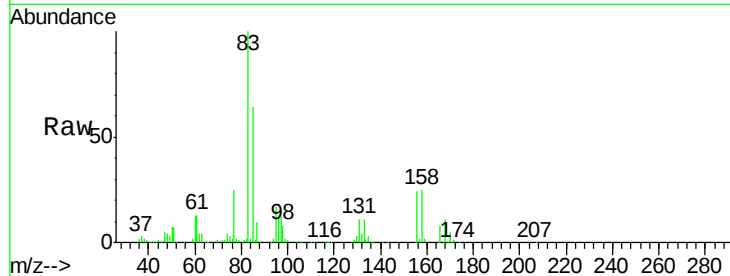
ClientSampleId :

VX0508WBSD01

Tot Ion:	83	Resp:	88545
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.8	17.4
85	63.9	32.7	98.1

Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:11:26 PM



#76

1,2,3-Trichloropropane

Concen: 23.48 ug/l m

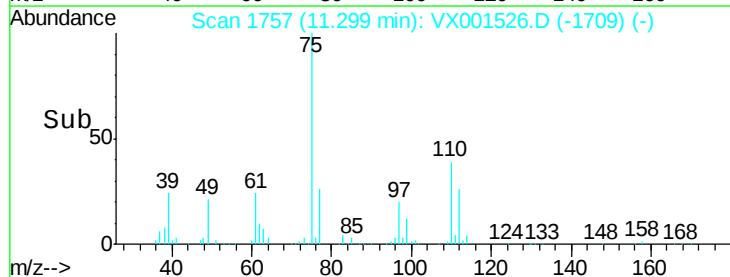
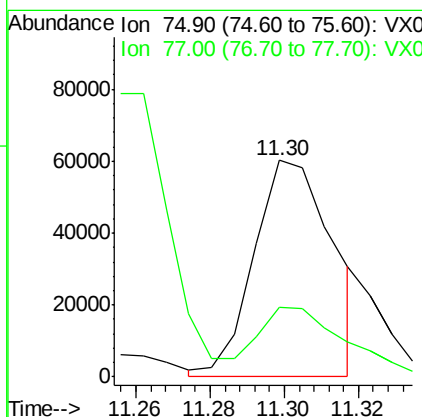
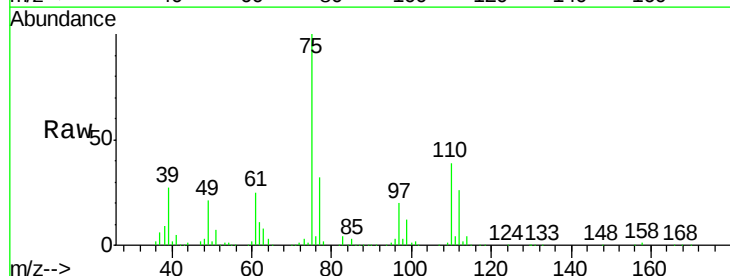
RT: 11.30 min Scan# 1757

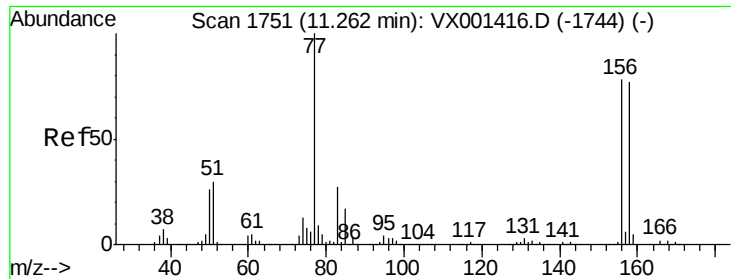
Delta R.T. -0.01 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Tgt Ion:	75	Resp:	88779
Ion Ratio	Lower	Upper	
75	100		
77	35.6	19.6	58.7





#77

Bromobenzene

Concen: 21.86 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion:156 Resp: 82032

Ion Ratio Lower Upper

156 100

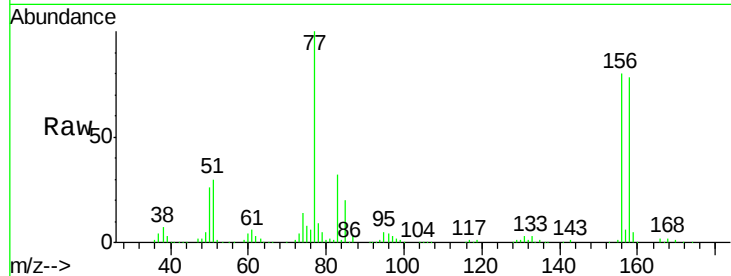
77 133.5 66.0 198.2

158 97.4 49.4 148.2

Manual Integrations
APPROVED

MMDadoda

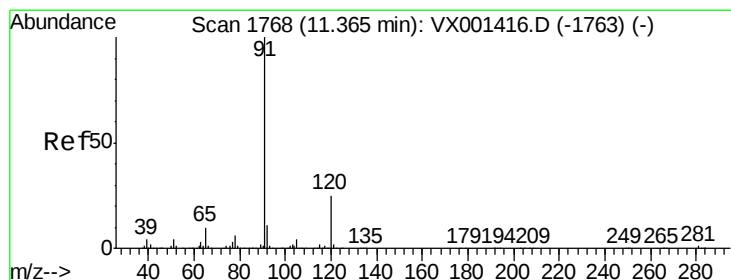
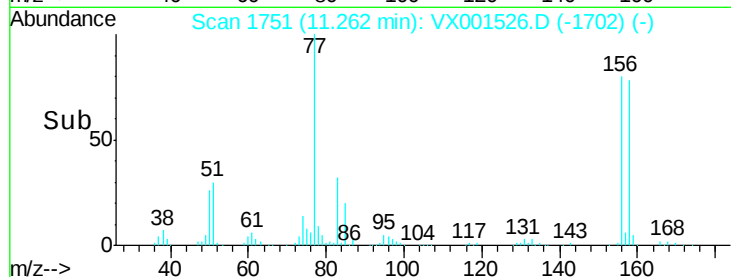
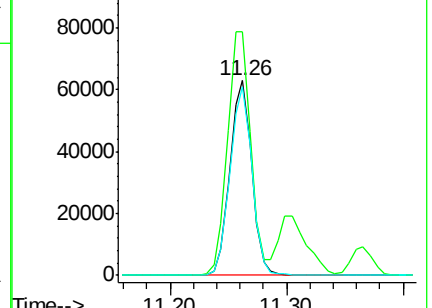
5/10/2018 1:11:26 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.62 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001526.D

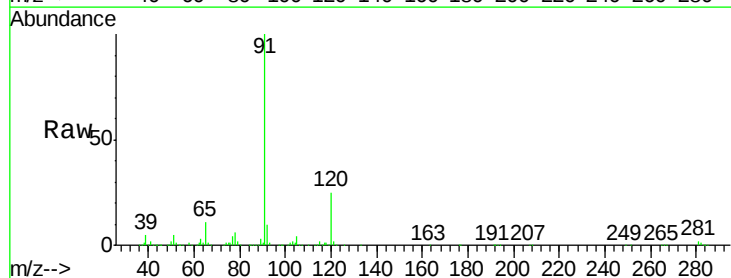
Acq: 08 May 2018 20:41

Tgt Ion: 91 Resp: 303809

Ion Ratio Lower Upper

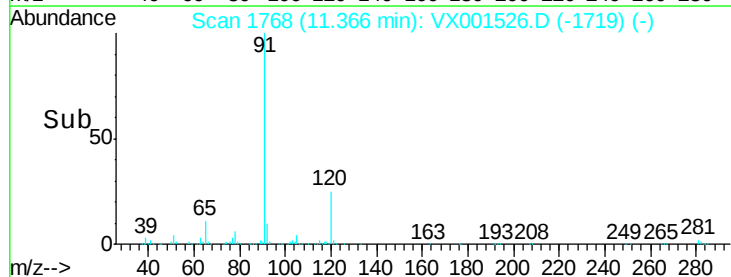
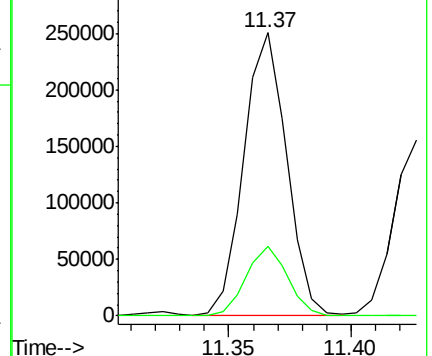
91 100

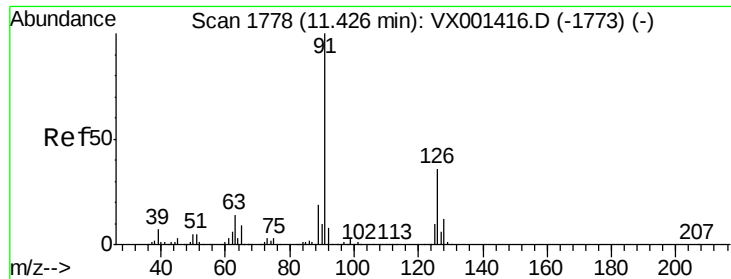
120 24.3 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.97 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 91 Resp: 189966

Ion Ratio Lower Upper

91 100

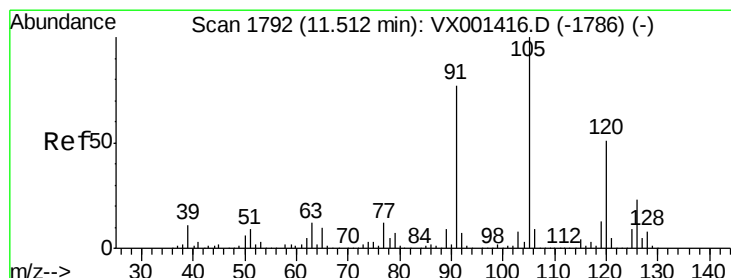
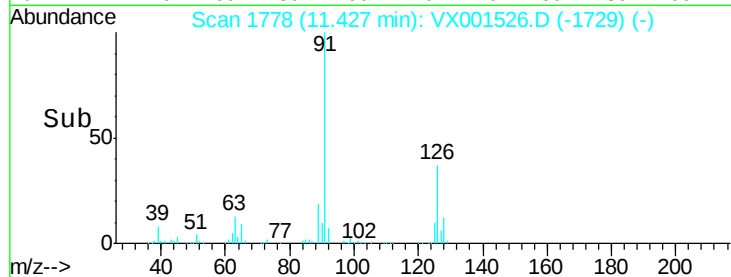
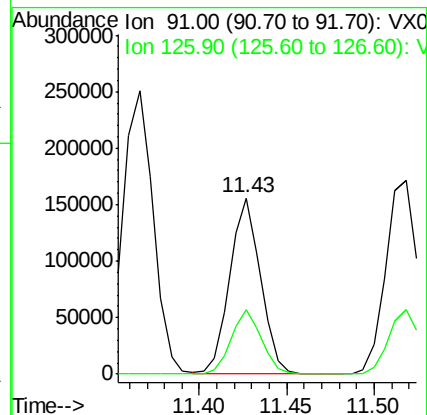
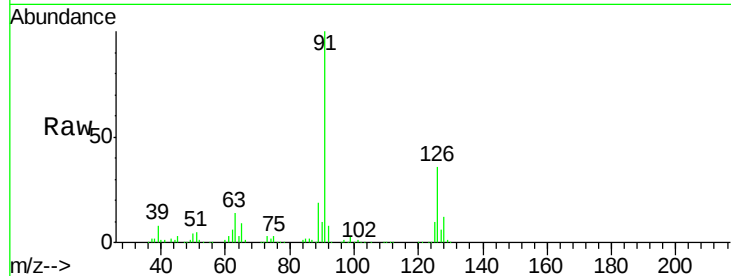
126 36.0 18.1 54.4

Manual Integrations

APPROVED

MMDadoda

5/10/2018 1:11:26 PM



#80

1,3,5-Trimethylbenzene

Concen: 21.65 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001526.D

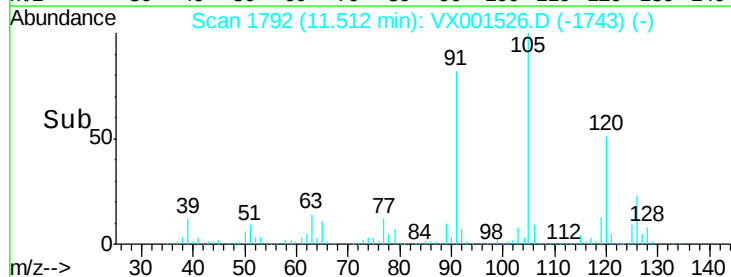
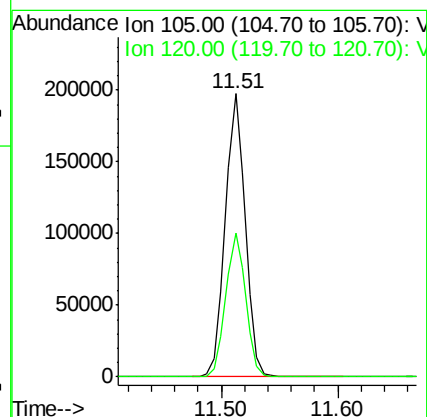
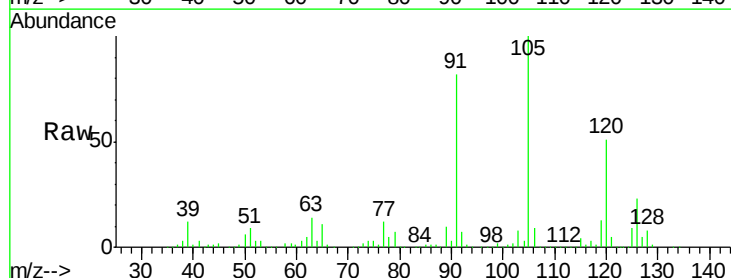
Acq: 08 May 2018 20:41

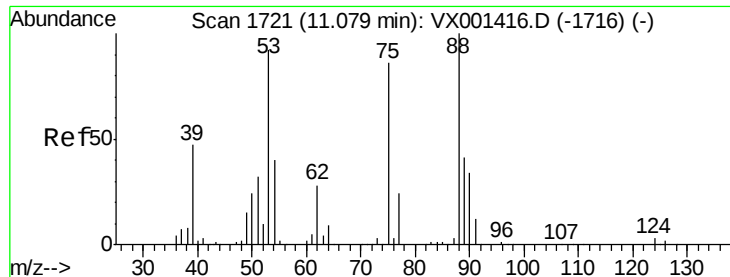
Tgt Ion: 105 Resp: 232648

Ion Ratio Lower Upper

105 100

120 51.0 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.10 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

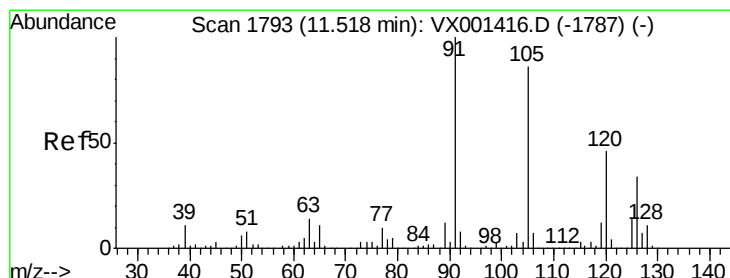
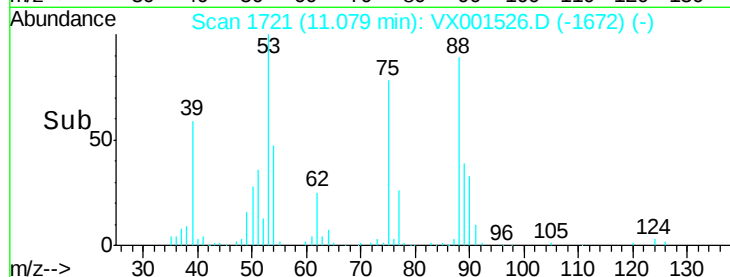
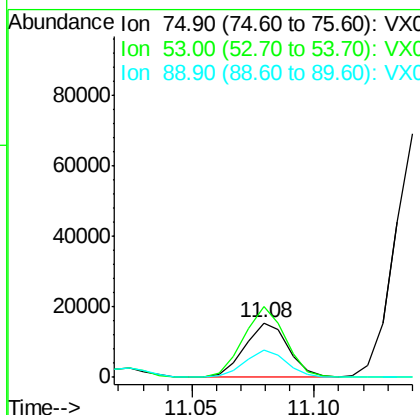
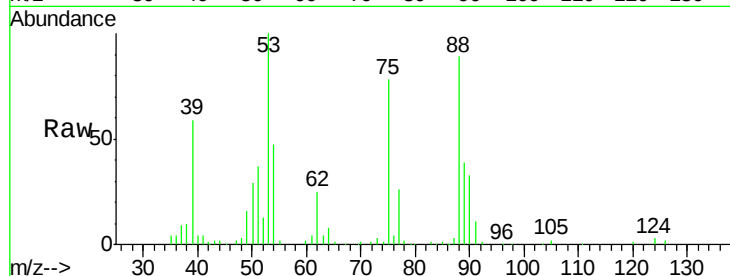
ClientSampleId :

VX0508WBSD01

Tot Ion:	75	Resp:	19211
Ion Ratio	Lower	Upper	
75	100		
53	124.4	84.5	126.7
89	48.0	39.5	59.3

Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:11:26 PM



#82

4-Chlorotoluene

Concen: 22.08 ug/l

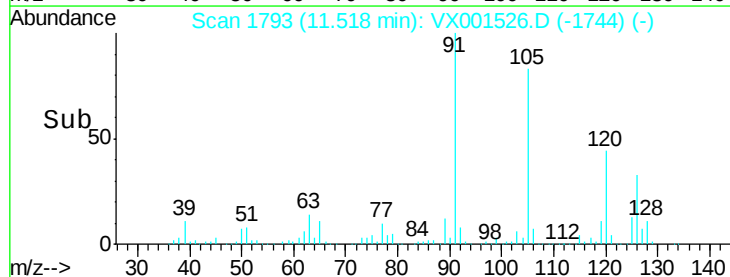
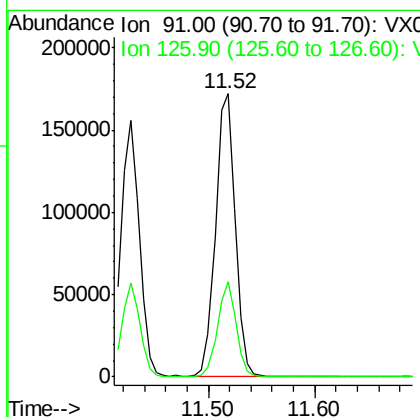
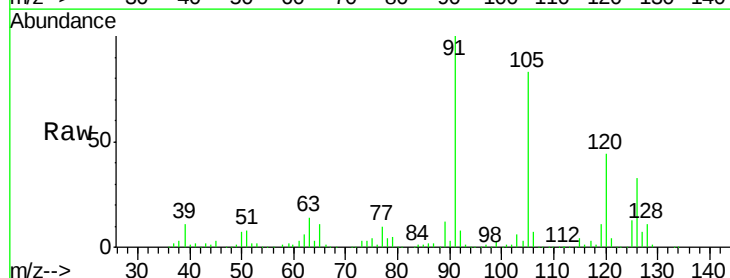
RT: 11.52 min Scan# 1793

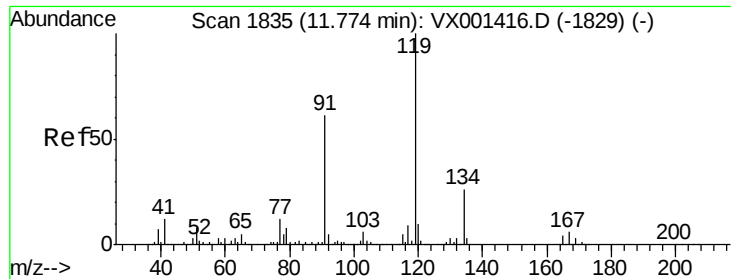
Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Tgt Ion:	91	Resp:	220236
Ion Ratio	Lower	Upper	
91	100		
126	31.8	16.2	48.5





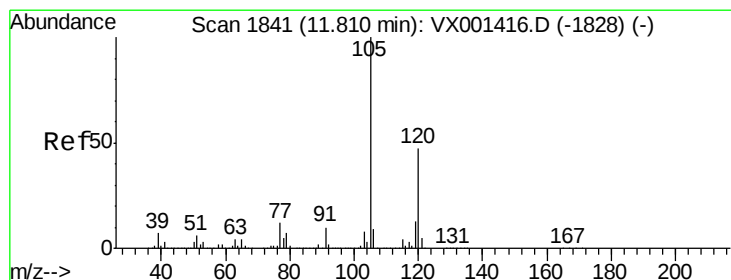
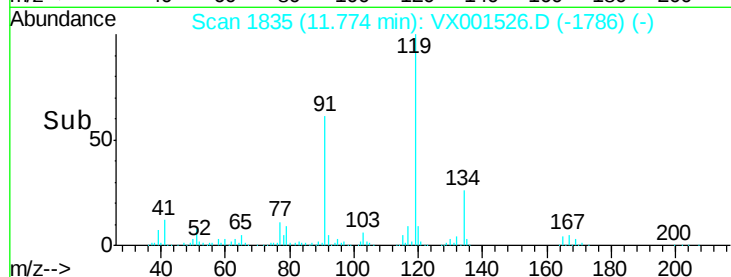
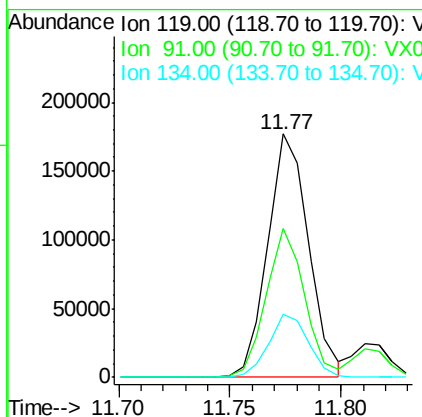
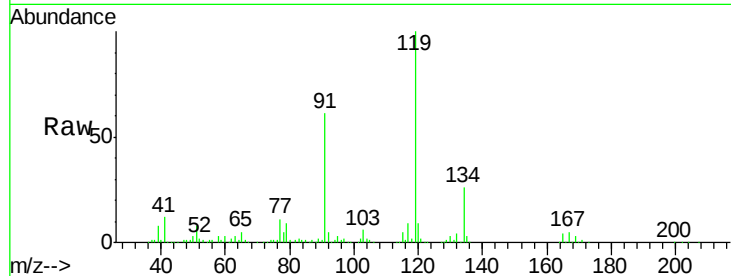
#83
 tert-Butylbenzene
 Concen: 21.11 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	225662		
91	57.6		27.8	83.3
134	25.3		12.4	37.0

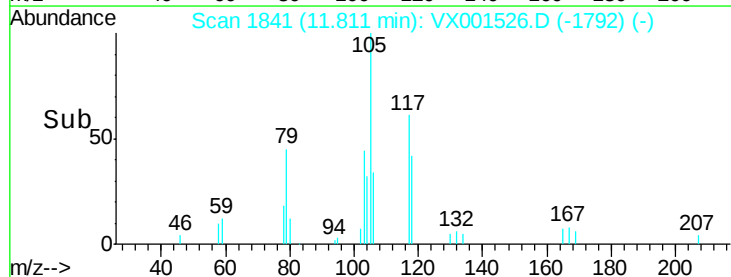
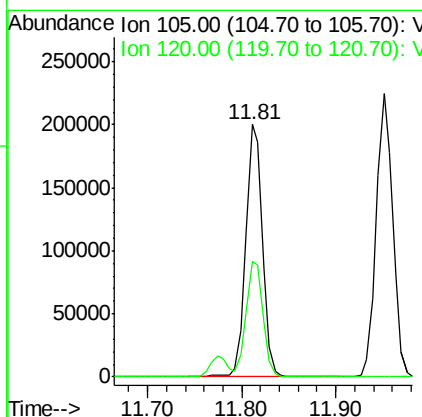
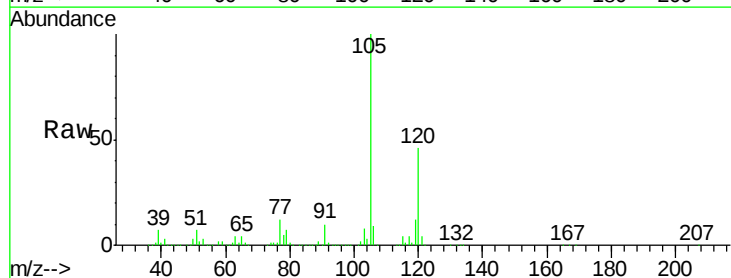
Manual Integrations
 APPROVED

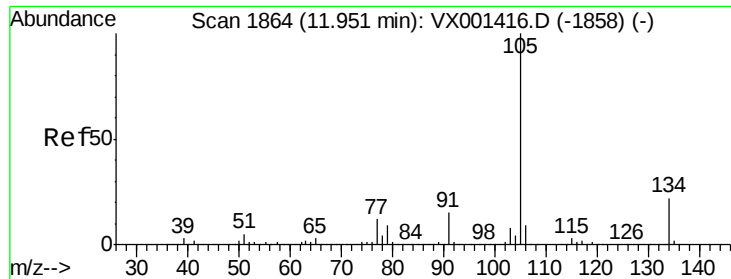
MMDadoda
 5/10/2018 1:11:26 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 22.06 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243614		
120	46.4		23.4	70.2





#85

sec-Butylbenzene

Concen: 21.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion:105 Resp: 273175

Ion Ratio Lower Upper

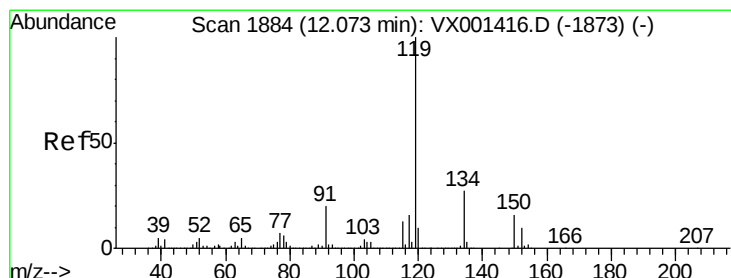
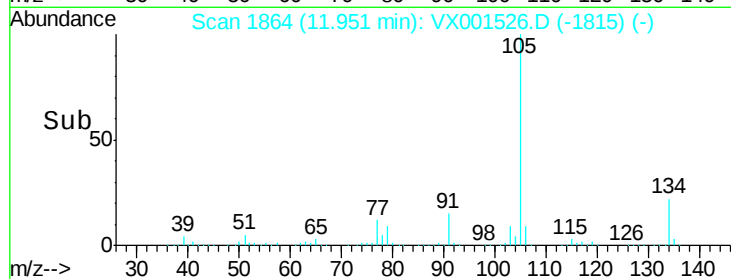
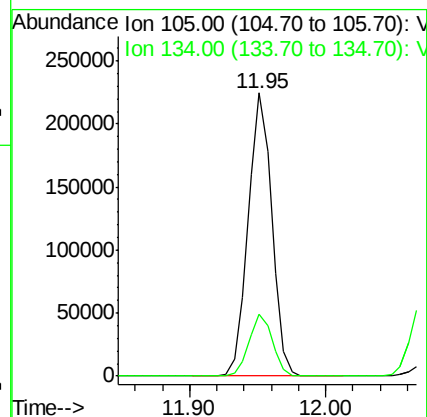
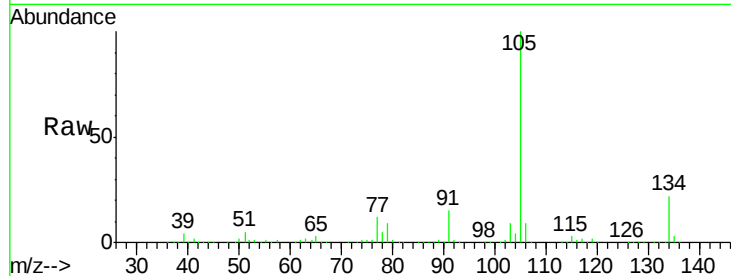
105 100

134 21.9 10.9 32.9

Manual Integrations
APPROVED

MMDadoda

5/10/2018 1:11:26 PM



#86

p-Isopropyltoluene

Concen: 21.47 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

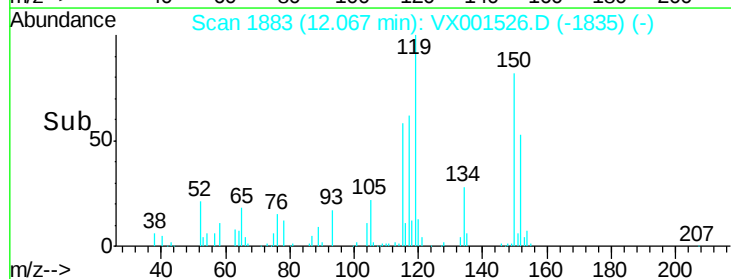
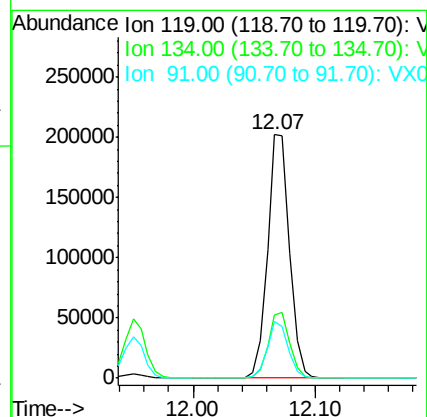
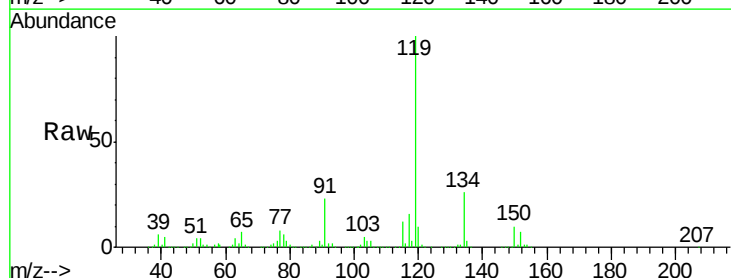
Tgt Ion:119 Resp: 252782

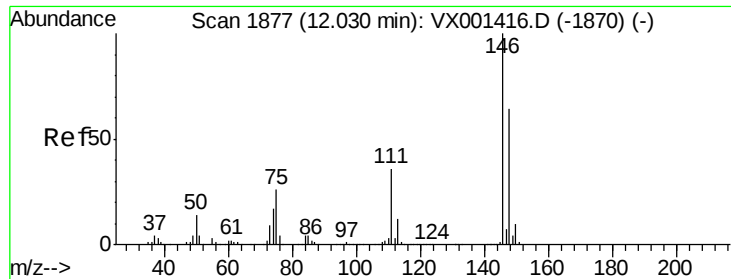
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

91 22.3 10.8 32.3





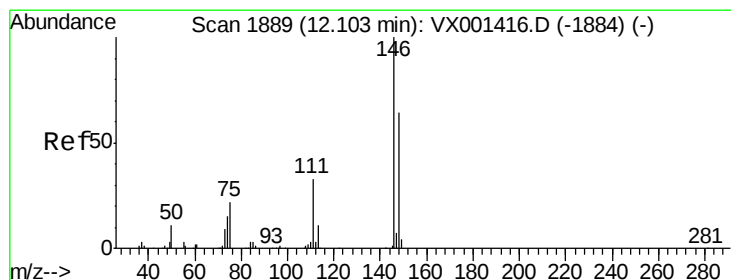
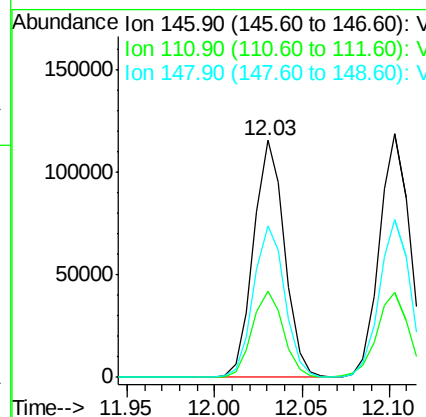
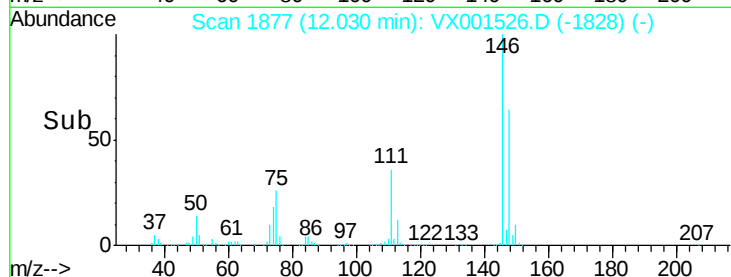
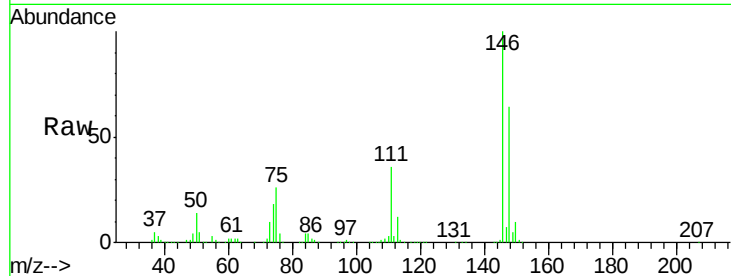
#87
 1,3-Dichlorobenzene
 Concen: 21.24 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	64.6	32.1	96.5

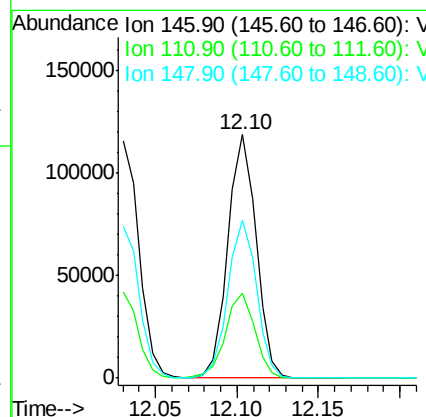
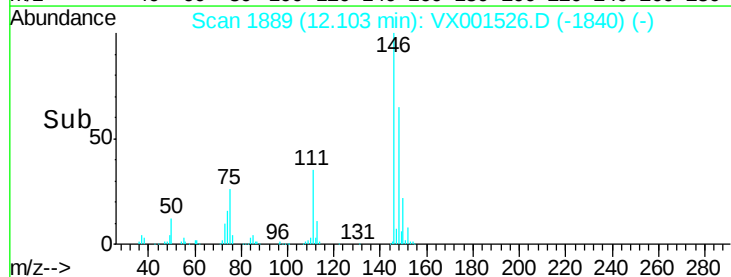
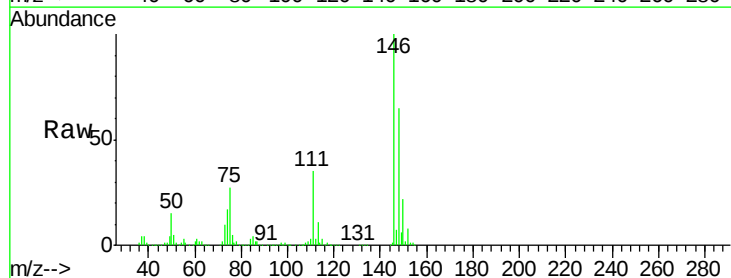
Manual Integrations
 APPROVED

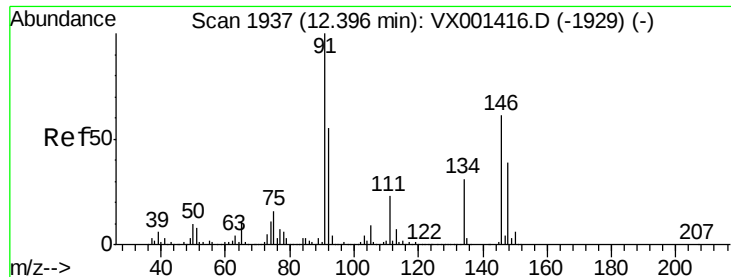
MMDadoda
 5/10/2018 1:11:26 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.98 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	17.4	52.3
148	66.1	32.2	96.6





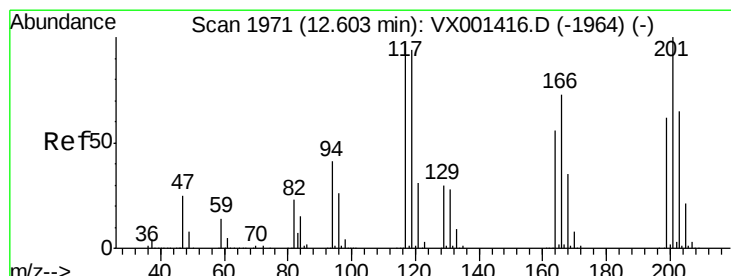
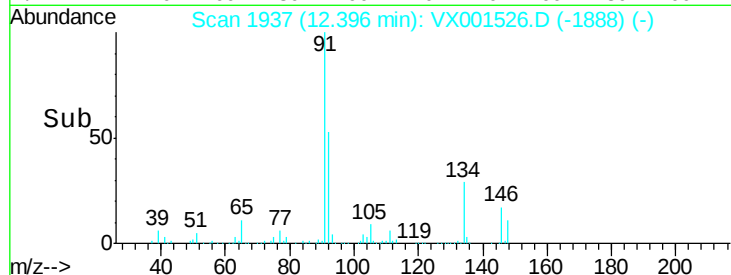
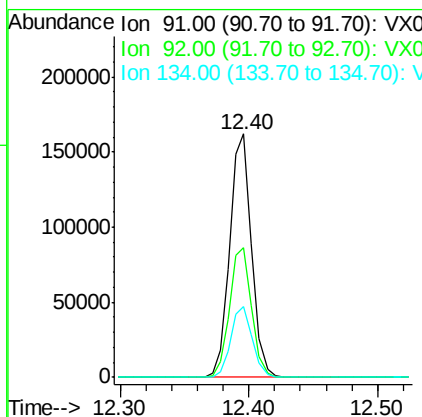
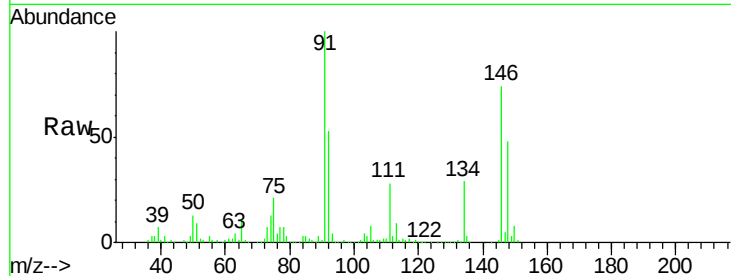
#89
n-Butylbenzene
Concen: 19.75 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	192605		
92	53.9		27.2	81.5
134	28.8		14.6	44.0

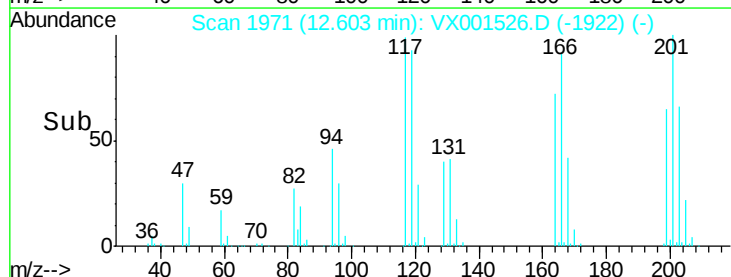
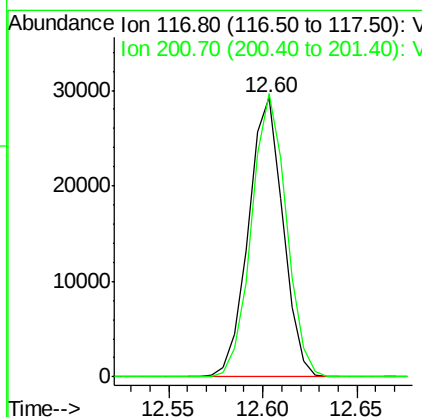
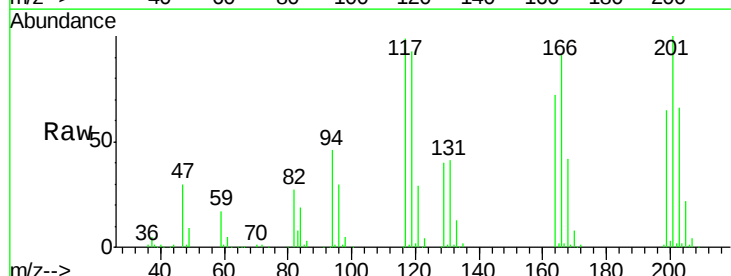
Manual Integrations
APPROVED

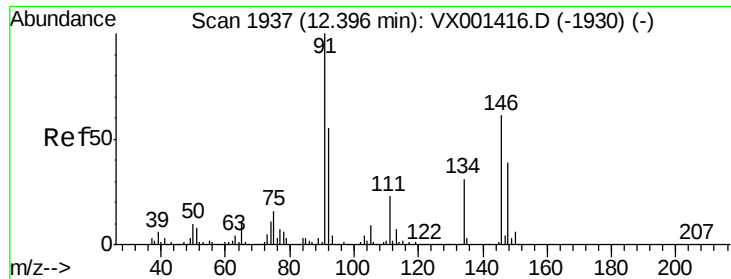
MMDadoda
5/10/2018 1:11:26 PM



#90
Hexachloroethane
Concen: 20.97 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37172		
201	101.7		51.5	154.5





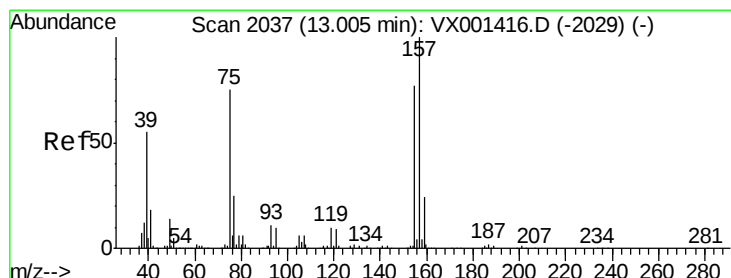
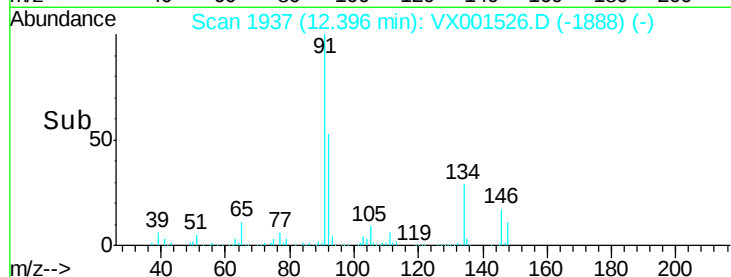
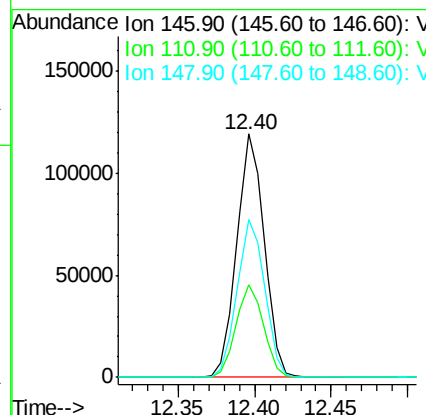
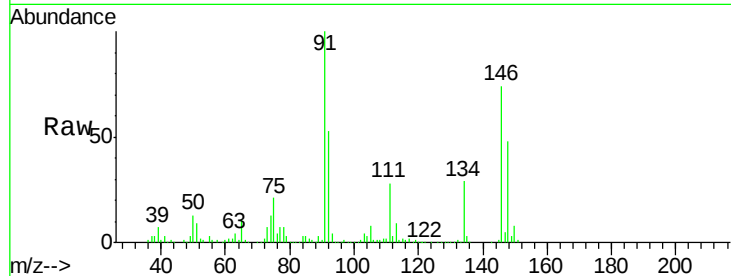
#91
 1,2-Dichlorobenzene
 Concen: 21.75 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	148393		
111	37.9	18.6	55.8	
148	65.3	32.1	96.5	

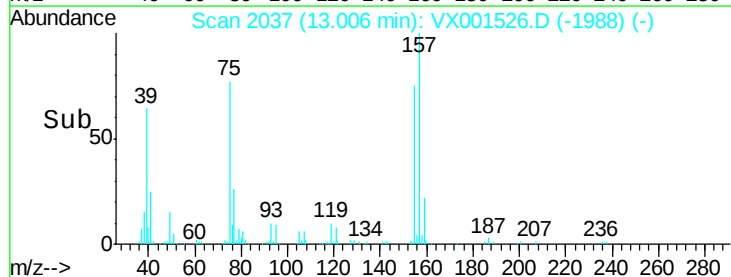
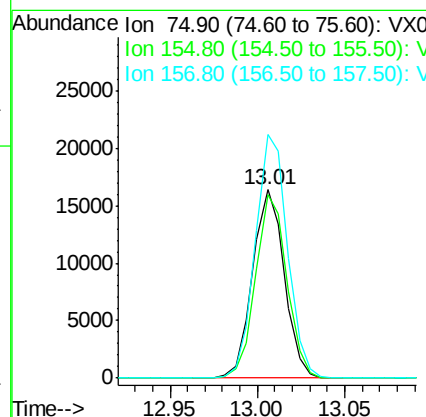
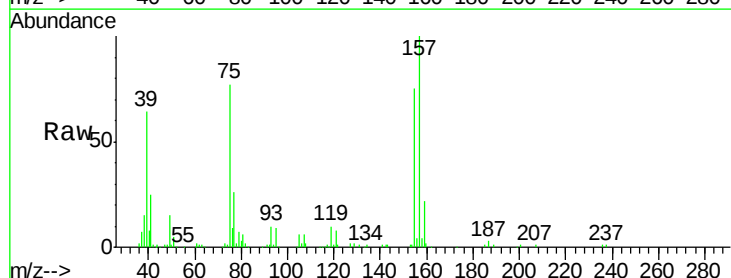
Manual Integrations
 APPROVED

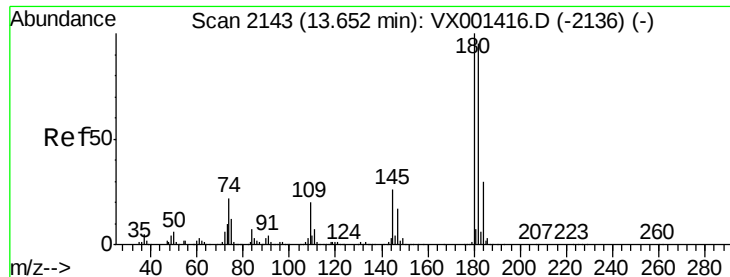
MMDadoda
 5/10/2018 1:11:26 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.65 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20641		
155	96.1	53.4	160.2	
157	130.8	68.3	204.8	





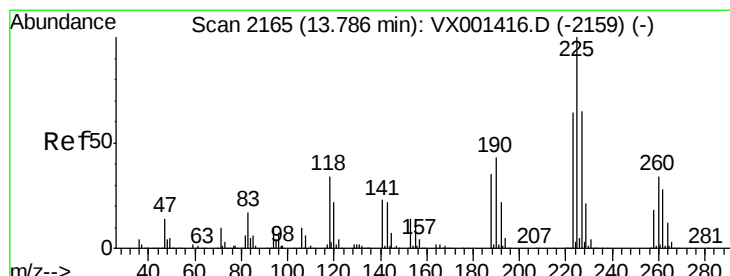
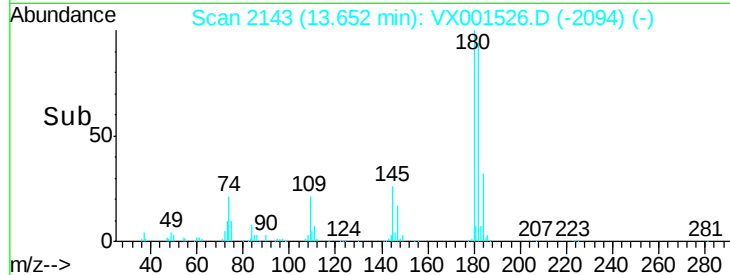
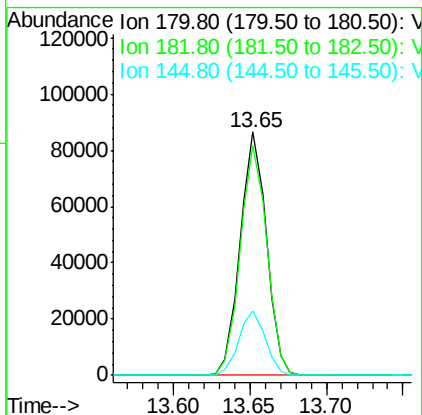
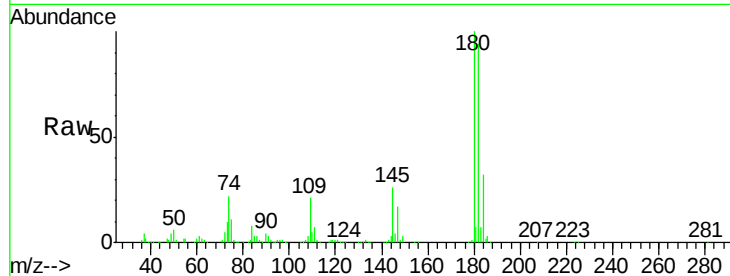
#93
 1,2,4-Trichlorobenzene
 Concen: 20.65 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.8	143.4	
145	26.5	13.3	39.9	

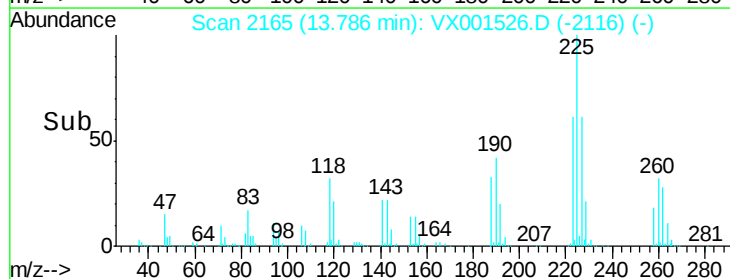
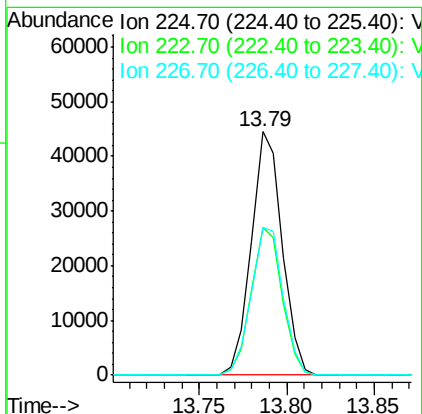
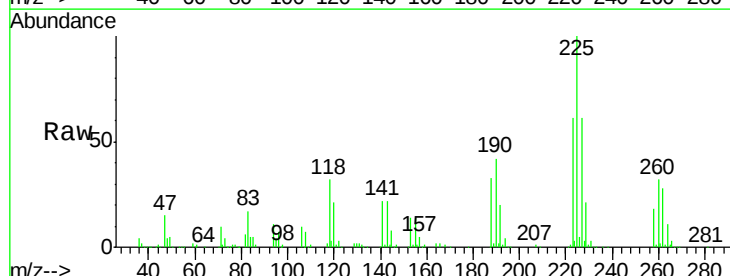
Manual Integrations
 APPROVED

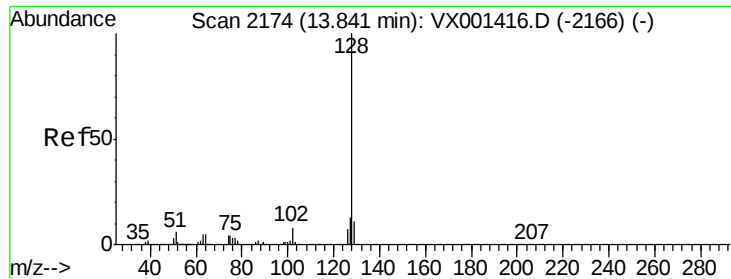
MMDadoda
 5/10/2018 1:11:26 PM



#94
 Hexachlorobutadiene
 Concen: 19.94 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	31.3	93.9	
227	62.8	32.4	97.2	





#95

Naphthalene

Concen: 22.69 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

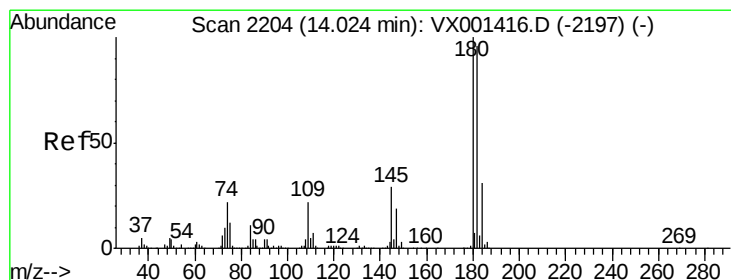
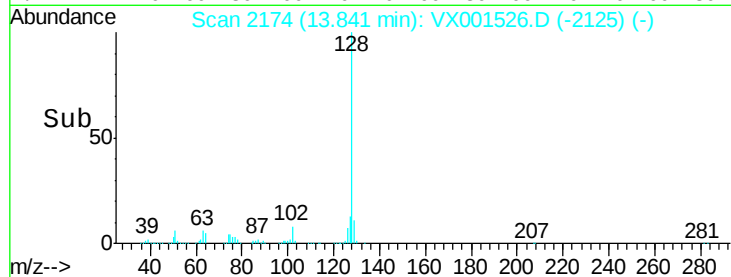
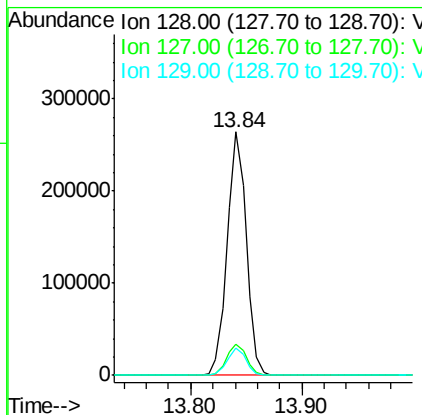
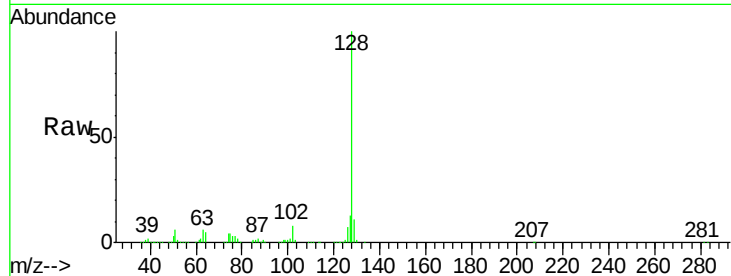
ClientSampled :

VX0508WBSD01

Tot Ion:	128	Resp:	313267
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:11:26 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.50 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Tgt Ion:	180	Resp:	110173
Ion Ratio	Lower	Upper	
180	100		
182	97.5	48.0	144.2
145	28.8	14.1	42.4

