

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001276.D
 Acq On : 01 May 2018 13:39
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX050118

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:54 PM

Quant Time: May 02 04:53:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	280375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	270518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	195536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144119	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	5.51	113	121414	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.72	98	458958	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	11.14	95	181804	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137203	55.68	ug/l	96
3) Chloromethane	1.32	50	133175	55.05	ug/l	98
4) Vinyl Chloride	1.40	62	128928	50.63	ug/l	99
5) Bromomethane	1.64	94	98430	51.90	ug/l	98
6) Chloroethane	1.72	64	76861	47.75	ug/l	100
7) Trichlorofluoromethane	1.93	101	217155	50.53	ug/l	99
8) Diethyl Ether	2.19	74	72323	49.01	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124444	50.22	ug/l	99
10) Methyl Iodide	2.51	142	120309	45.02	ug/l	100
11) Tert butyl alcohol	3.07	59	131641	248.15	ug/l	100
12) 1,1-Dichloroethene	2.37	96	108072	48.37	ug/l	97
13) Acrolein	2.30	56	74157	242.78	ug/l	98
14) Allyl chloride	2.73	41	198019	50.65	ug/l	99
15) Acrylonitrile	3.15	53	296336	241.01	ug/l	100
16) Acetone	2.45	43	325959	247.65	ug/l	100
17) Carbon Disulfide	2.57	76	289850	49.79	ug/l	99
18) Methyl Acetate	2.78	43	153843	49.49	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	373227	49.04	ug/l	99
20) Methylene Chloride	2.86	84	117936	49.65	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	116648	47.96	ug/l	100
22) Diisopropyl ether	3.88	45	369977	49.14	ug/l	98
23) Vinyl Acetate	3.83	43	1591736	249.49	ug/l	99
24) 1,1-Dichloroethane	3.70	63	192908	46.00	ug/l	100
25) 2-Butanone	4.71	43	432340	242.94	ug/l	99
26) 2,2-Dichloropropane	4.59	77	172768	50.62	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	127070	47.54	ug/l	99
28) Bromochloromethane	5.03	49	98054	52.01	ug/l	100
29) Tetrahydrofuran	5.17	42	264127	241.32	ug/l	99
30) Chloroform	5.22	83	214436	48.37	ug/l	99
31) Cyclohexane	5.58	56	186692	49.29	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	194892	50.30	ug/l	99
36) 1,1-Dichloropropene	5.81	75	162494	50.22	ug/l	100
37) Ethyl Acetate	4.87	43	163964	50.18	ug/l	100
38) Carbon Tetrachloride	5.79	117	174782	51.56	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001276.D
 Acq On : 01 May 2018 13:39
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:54 PM

Quant Time: May 02 04:53:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	203855	53.27	ug/l	99
40) Benzene	6.15	78	465159	49.97	ug/l	99
41) Methacrylonitrile	5.07	41	93183	48.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	177853	49.35	ug/l	100
43) Isopropyl Acetate	6.47	43	278496	52.65	ug/l	100
44) Trichloroethene	7.22	130	142693	50.08	ug/l	97
45) 1,2-Dichloropropane	7.53	63	117441	49.13	ug/l	99
46) Dibromomethane	7.67	93	83812	50.02	ug/l	99
47) Bromodichloromethane	7.90	83	159290	53.17	ug/l	99
48) Methyl methacrylate	7.78	41	145897	51.88	ug/l	99
49) 1,4-Dioxane	7.76	88	55311	1042.27	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	896417	262.85	ug/l	100
52) Toluene	8.79	92	311618	51.21	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	191650	53.79	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	183188	55.88	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	123934	50.42	ug/l	97
56) Ethyl methacrylate	9.19	69	186099	54.64	ug/l	99
57) 1,3-Dichloropropane	9.38	76	201102	50.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	435650	265.13	ug/l	100
59) 2-Hexanone	9.50	43	706518	265.06	ug/l	100
60) Dibromochloromethane	9.59	129	139938	54.58	ug/l	98
61) 1,2-Dibromoethane	9.68	107	133920	51.41	ug/l	99
64) Tetrachloroethene	9.34	164	153022	47.75	ug/l	97
65) Chlorobenzene	10.14	112	364986	49.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	135125	52.91	ug/l	100
67) Ethyl Benzene	10.26	91	620762	51.20	ug/l	98
68) m/p-Xylenes	10.37	106	499214	104.65	ug/l	99
69) o-Xylene	10.70	106	238820	51.62	ug/l	100
70) Styrene	10.71	104	399272	52.77	ug/l	100
71) Bromoform	10.86	173	117098	47.67	ug/l	99
73) Isopropylbenzene	11.02	105	654741	50.05	ug/l	100
74) N-amyl acetate	6.47	43	278496	49.63	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	193199	49.30	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	186009m	51.44	ug/l	
77) Bromobenzene	11.26	156	185197	49.08	ug/l	99
78) n-propylbenzene	11.37	91	753467	51.83	ug/l	100
79) 2-Chlorotoluene	11.43	91	442306	50.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	571971	52.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	52345	47.35	ug/l	99
82) 4-Chlorotoluene	11.52	91	536912	50.89	ug/l	100
83) tert-Butylbenzene	11.77	119	561974	51.30	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	586702	52.12	ug/l	99
85) sec-Butylbenzene	11.95	105	687957	52.49	ug/l	100
86) p-Isopropyltoluene	12.07	119	641266	53.34	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	348165	49.42	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	354783	48.85	ug/l	100
89) n-Butylbenzene	12.39	91	570596	54.38	ug/l	100
90) Hexachloroethane	12.60	117	95957	55.11	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	343676	49.02	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41969	52.99	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
Data File : VX001276.D
Acq On : 01 May 2018 13:39
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:54 PM

Quant Time: May 02 04:53:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	281509	49.91	ug/l	99
94) Hexachlorobutadiene	13.79	225	150956	51.15	ug/l	100
95) Naphthalene	13.84	128	732050	51.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	276835	50.00	ug/l	99

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

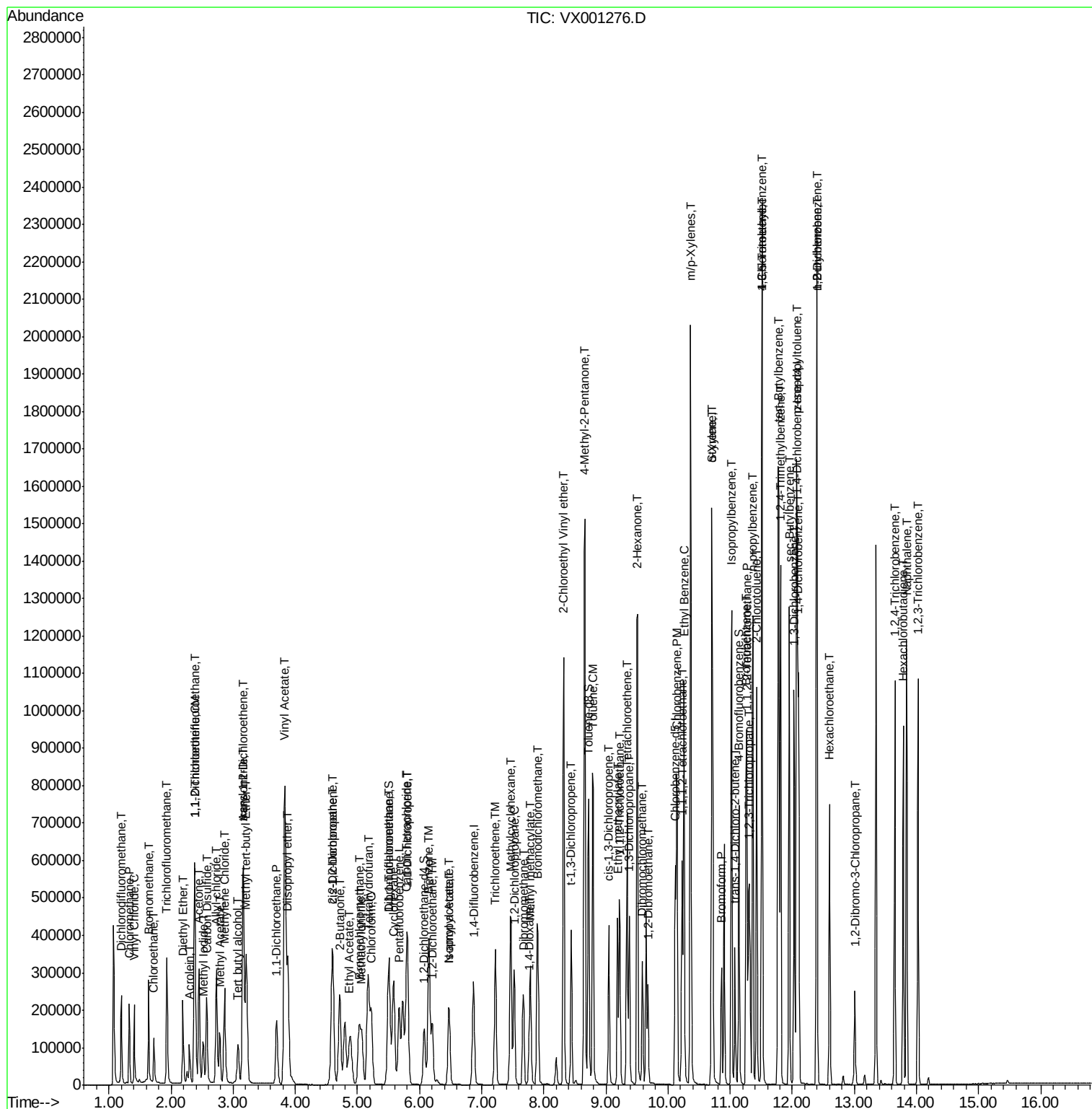
```
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\  
Data File : VX001276.D  
Acq On    : 01 May 2018   13:39  
Operator  : JC/MD  
Sample    : VSTDICV050  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 9      Sample Multiplier: 1
```

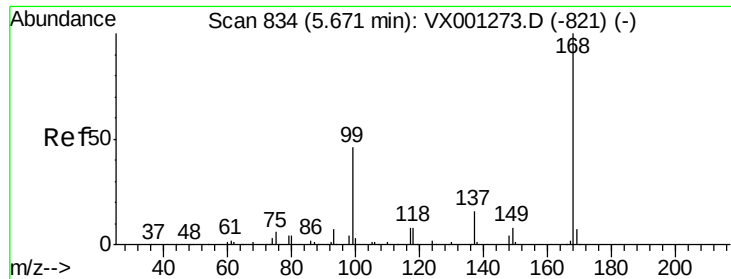
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Manual Integrations APPROVED

MMDadoda
5/2/2018 4:20:54 PM

Quant Time: May 02 04:53:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

Tot Ion:168 Resp: 222750

Ion Ratio Lower Upper

168 100

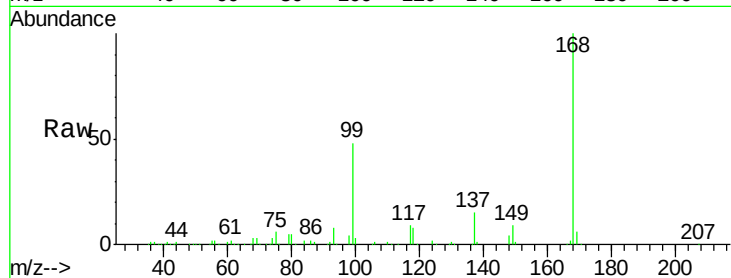
99 47.5 36.5 54.7

Manual Integrations

APPROVED

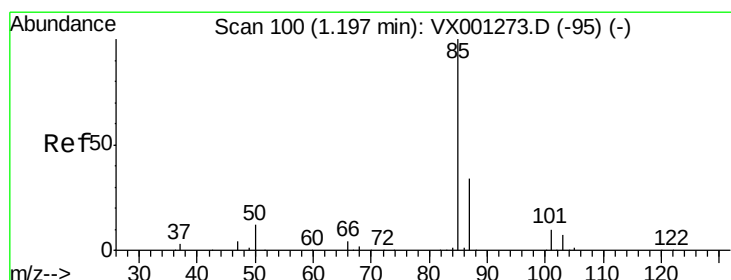
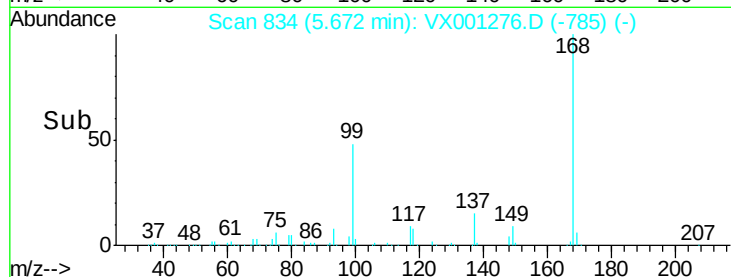
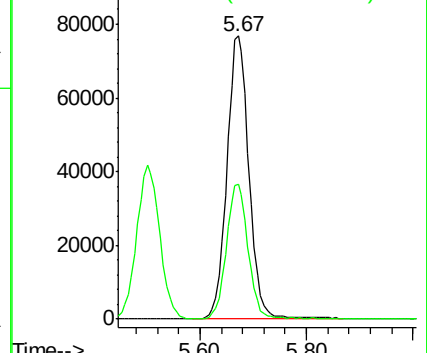
MMDadoda

5/2/2018 4:20:54 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.68 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001276.D

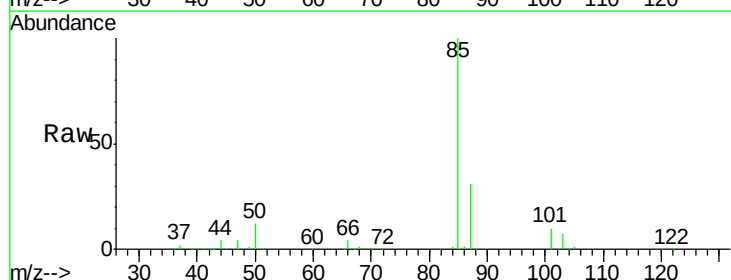
Acq: 01 May 2018 13:39

Tgt Ion: 85 Resp: 137203

Ion Ratio Lower Upper

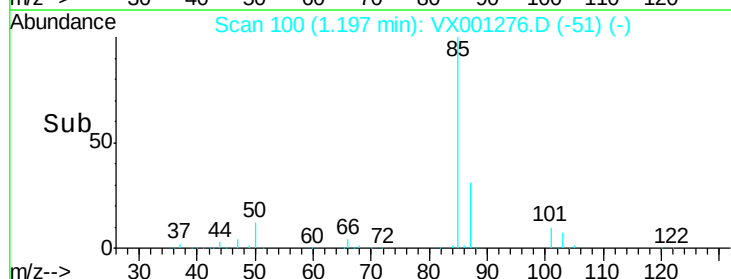
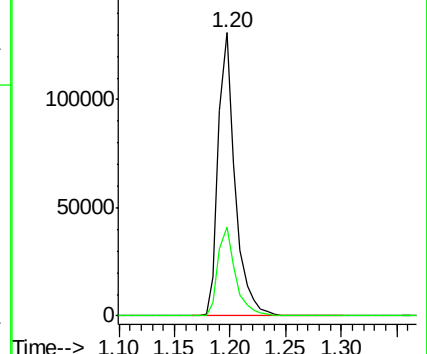
85 100

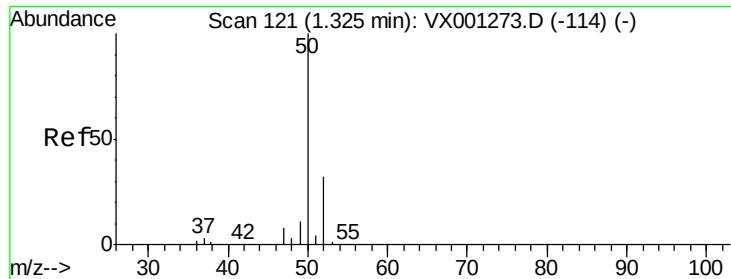
87 31.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 55.05 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX050118

Tot Ion: 50 Resp: 133175

Ion Ratio Lower Upper

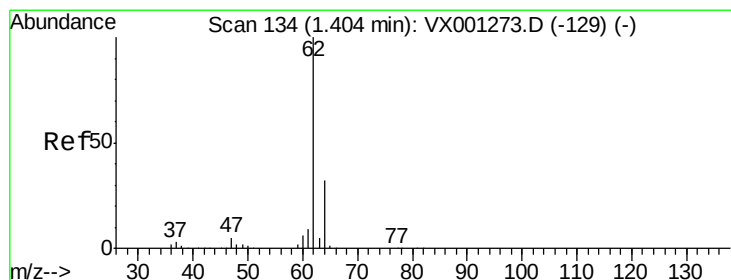
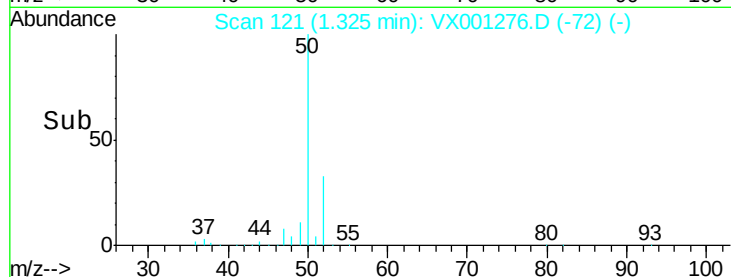
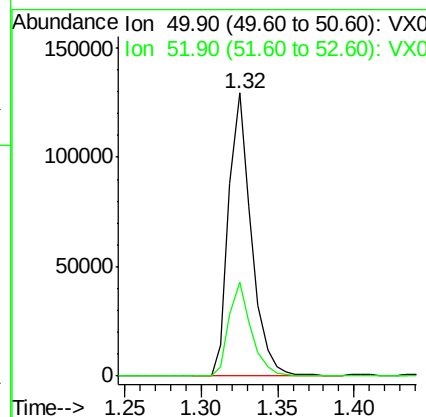
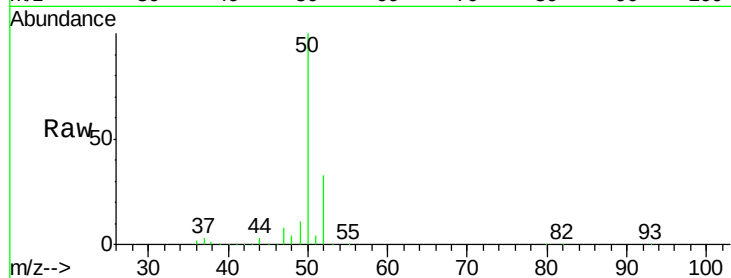
50 100

52 33.2 25.7 38.5

Manual Integrations
APPROVED

MMDadoda

5/2/2018 4:20:54 PM



#4

Vinyl Chloride

Concen: 50.63 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001276.D

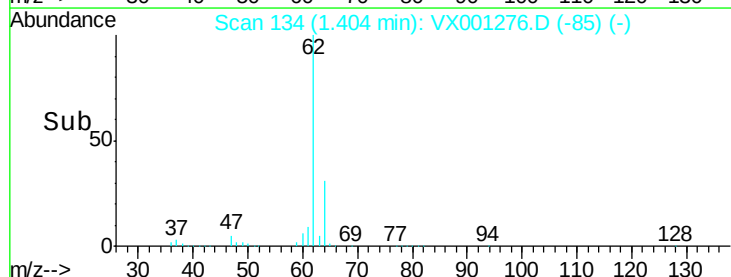
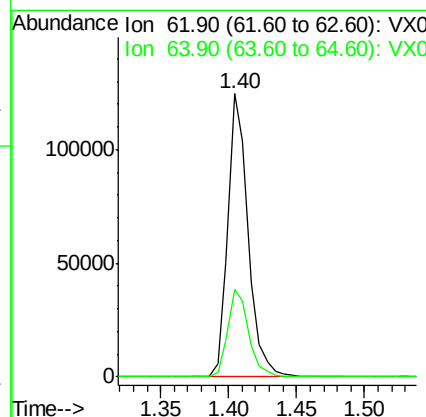
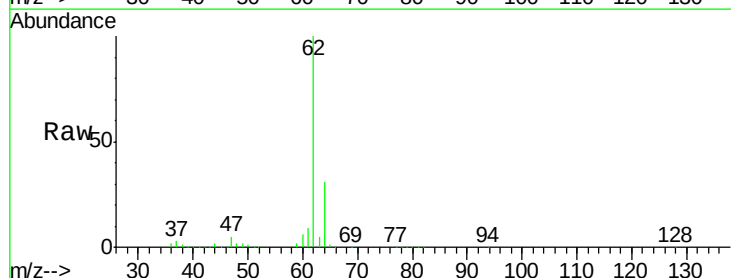
Acq: 01 May 2018 13:39

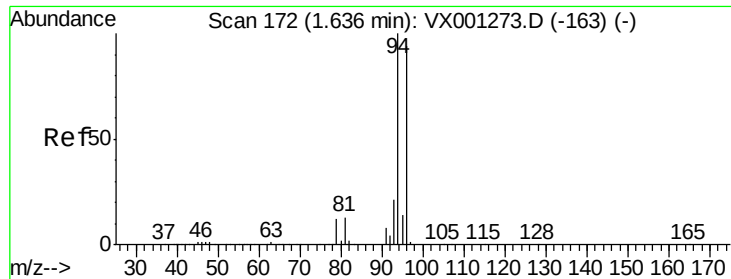
Tgt Ion: 62 Resp: 128928

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.2





#5

Bromomethane

Concen: 51.90 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

Tot Ion: 94 Resp: 98430

Ion Ratio Lower Upper

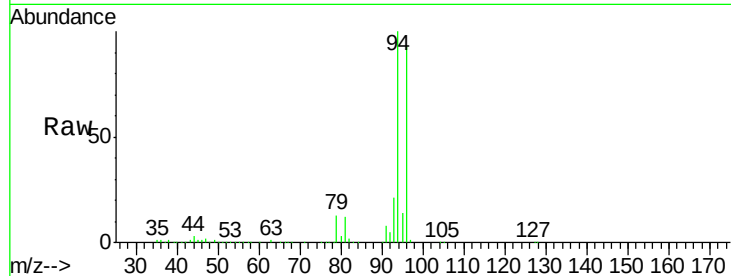
94 100

96 92.7 75.6 113.4

Manual Integrations
APPROVED

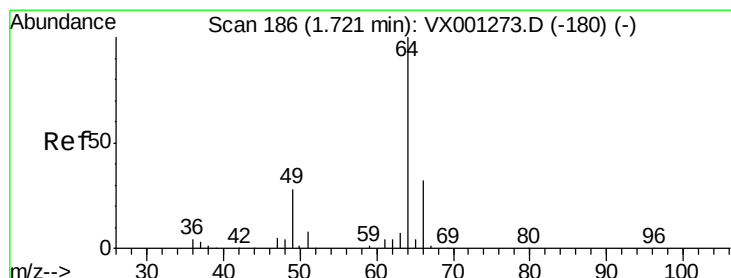
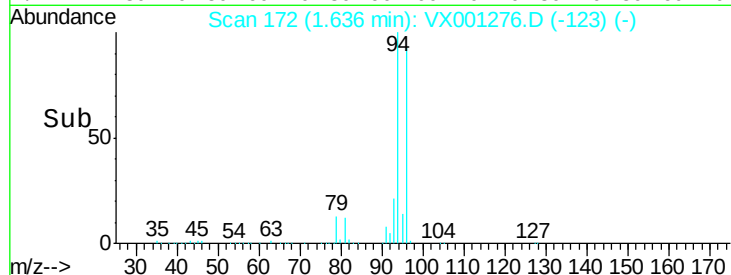
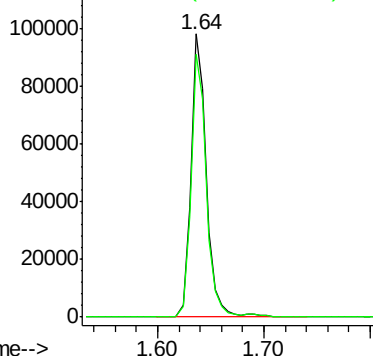
MMDadoda

5/2/2018 4:20:54 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.75 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001276.D

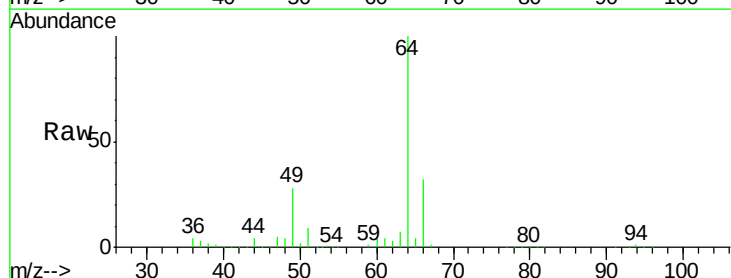
Acq: 01 May 2018 13:39

Tgt Ion: 64 Resp: 76861

Ion Ratio Lower Upper

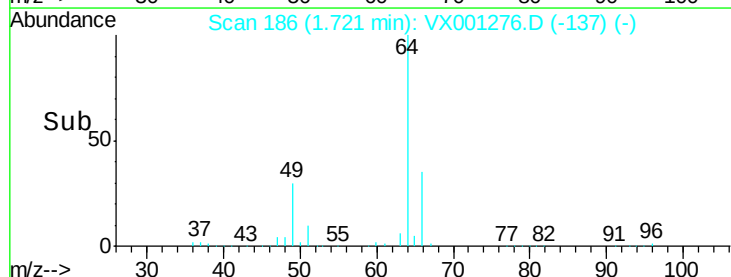
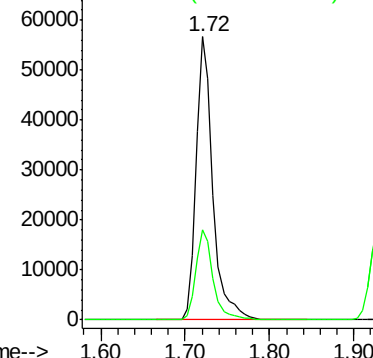
64 100

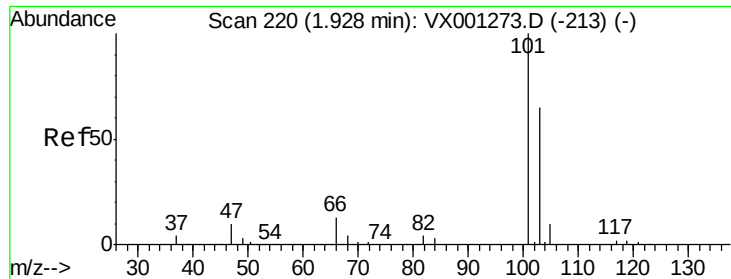
66 31.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 50.53 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

Tot Ion:101 Resp: 217155

Ion Ratio Lower Upper

101 100

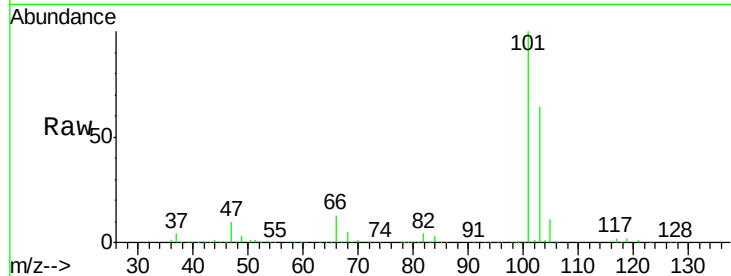
103 63.8 51.8 77.8

Manual Integrations

APPROVED

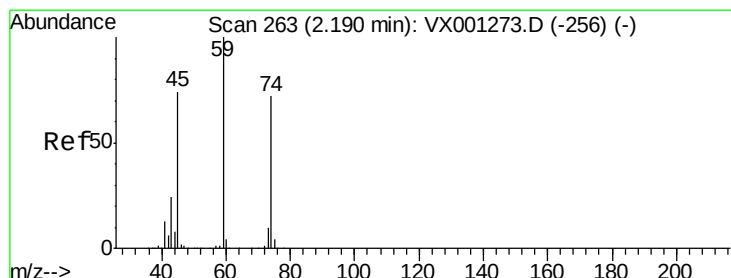
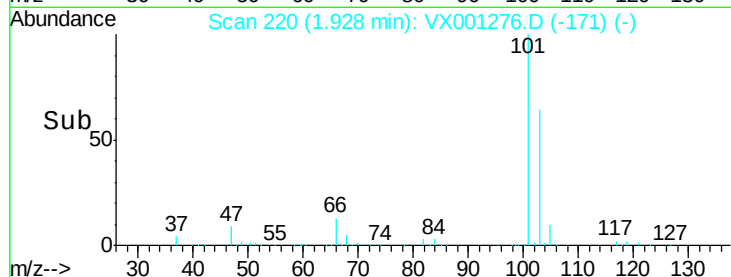
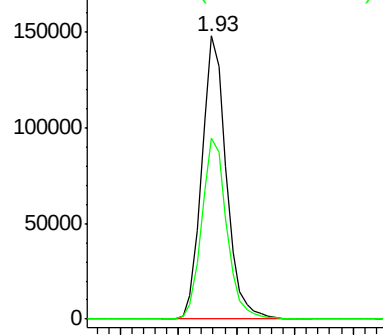
MMDadoda

5/2/2018 4:20:54 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 49.01 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001276.D

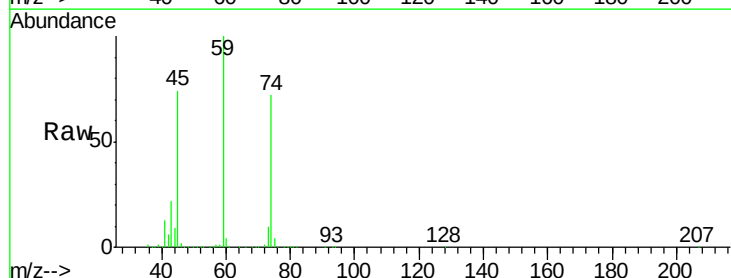
Acq: 01 May 2018 13:39

Tgt Ion: 74 Resp: 72323

Ion Ratio Lower Upper

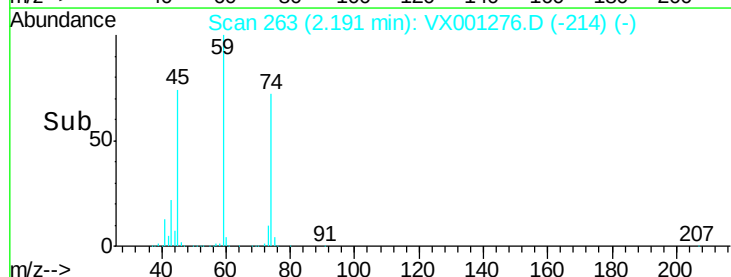
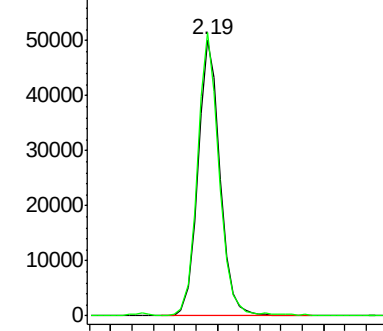
74 100

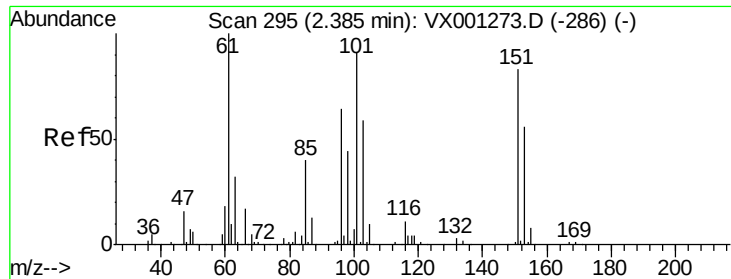
45 100.2 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.22 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

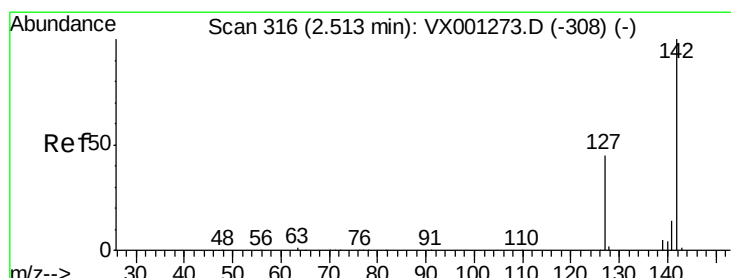
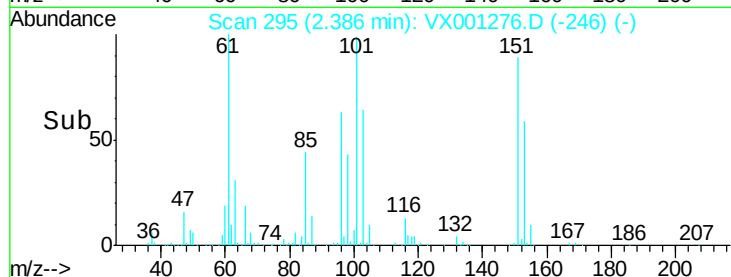
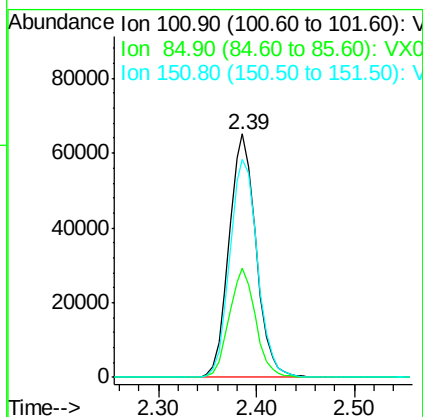
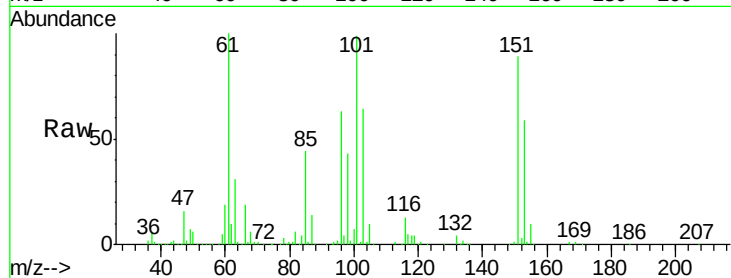
ClientSampleId :

ICVVX050118

Tot Ion:	101	Resp:	124444
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.6	53.4
151	92.1	74.8	112.2

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:54 PM



#10

Methyl Iodide

Concen: 45.02 ug/l

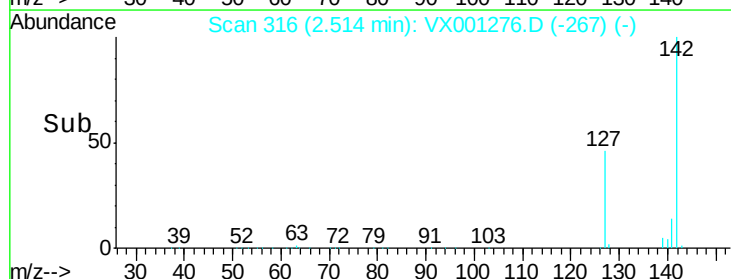
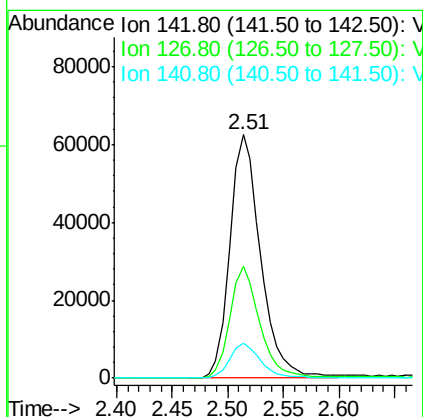
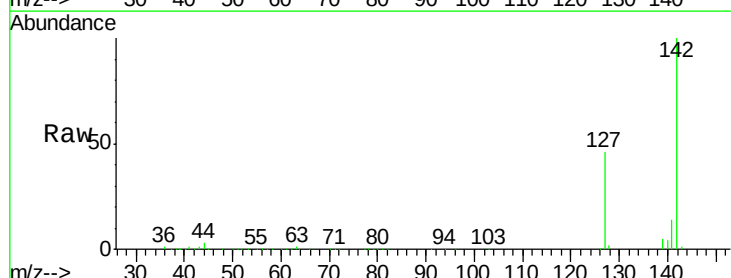
RT: 2.51 min Scan# 316

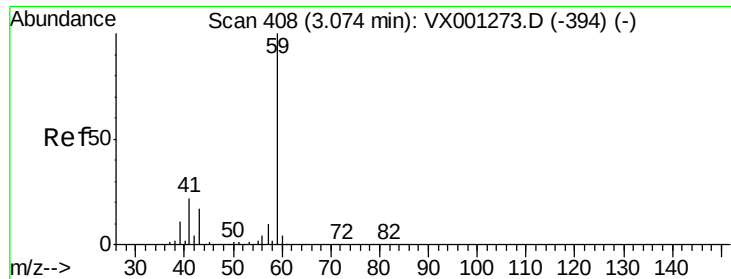
Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Tgt Ion:	142	Resp:	120309
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.7	53.5
141	14.4	11.4	17.0





#11

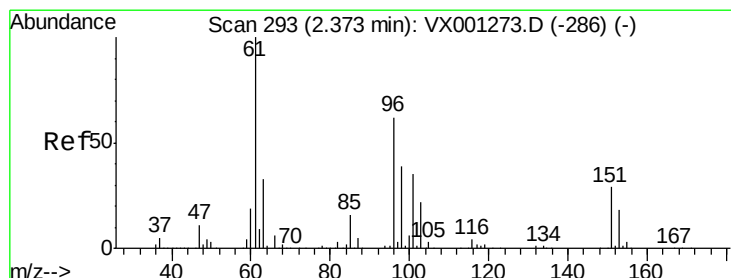
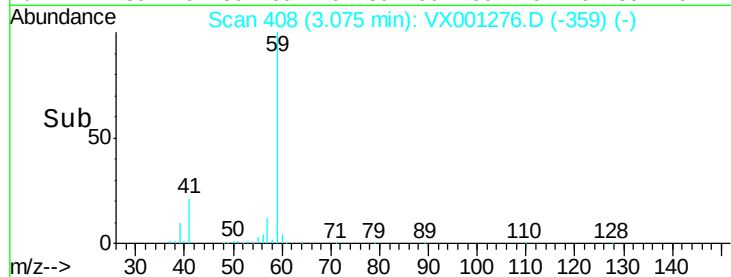
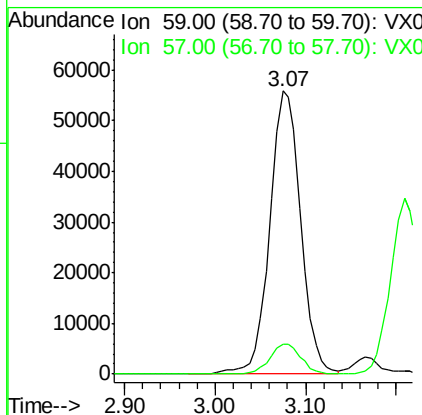
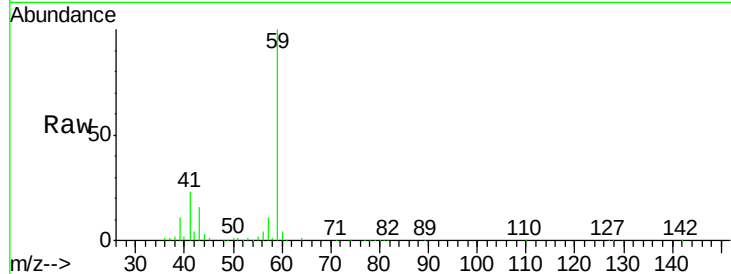
Tert butyl alcohol
Concen: 248.15 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

Manual Integrations
APPROVED

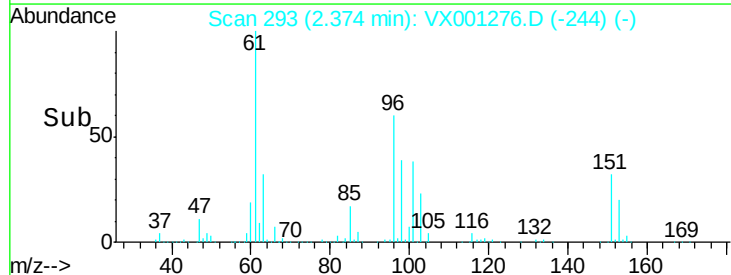
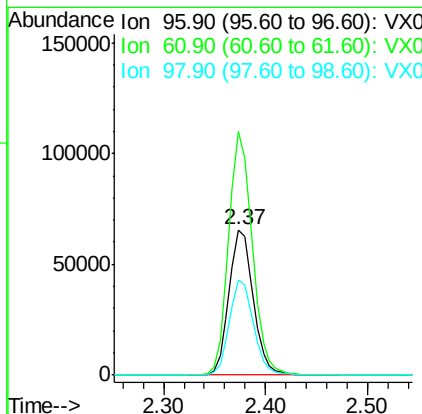
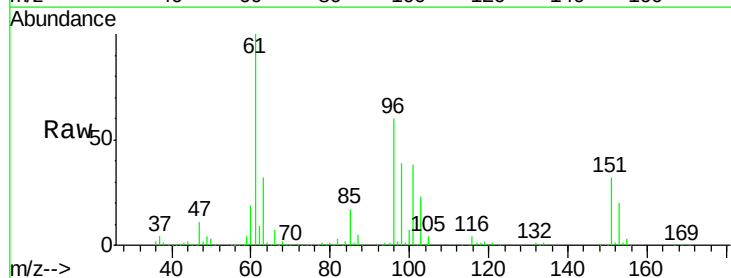
MMDadoda
5/2/2018 4:20:54 PM

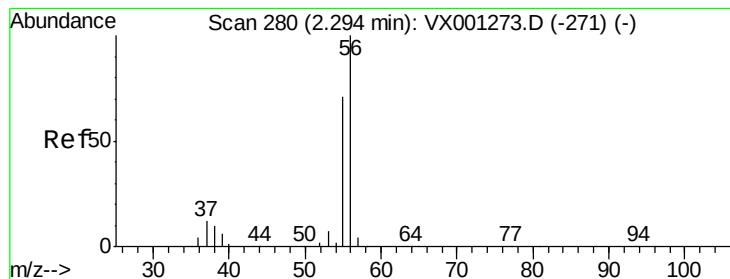


#12

1,1-Dichloroethene
Concen: 48.37 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.2	130.1	195.1
98	65.0	50.3	75.5





#13

Acrolein

Concen: 242.78 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX050118

Tot Ion: 56 Resp: 74157

Ion Ratio Lower Upper

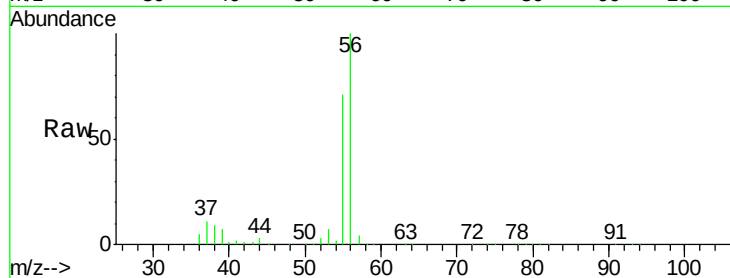
56 100

55 73.5 57.2 85.8

Manual Integrations
APPROVED

MMDadoda

5/2/2018 4:20:54 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

50000

40000

30000

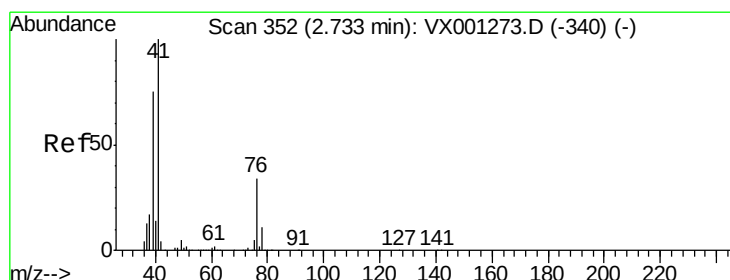
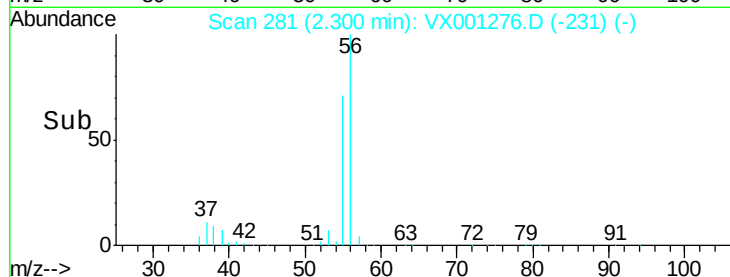
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 50.65 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

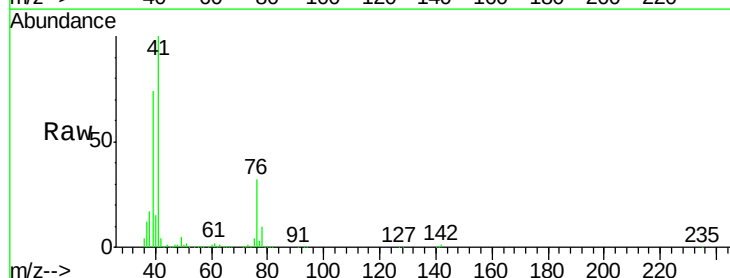
Tgt Ion: 41 Resp: 198019

Ion Ratio Lower Upper

41 100

39 71.7 58.1 87.1

76 31.7 25.1 37.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

150000

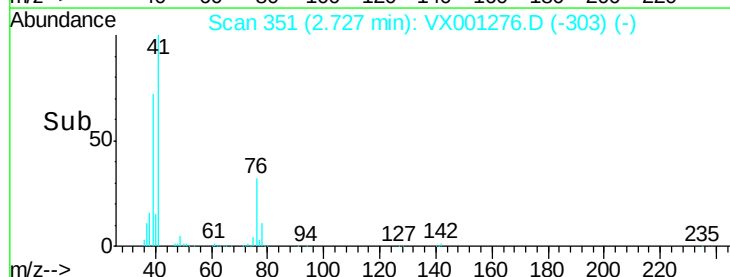
100000

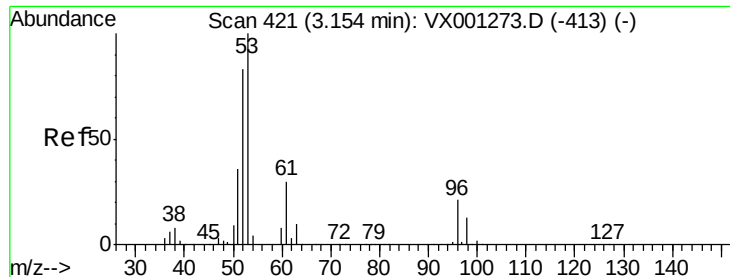
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 241.01 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

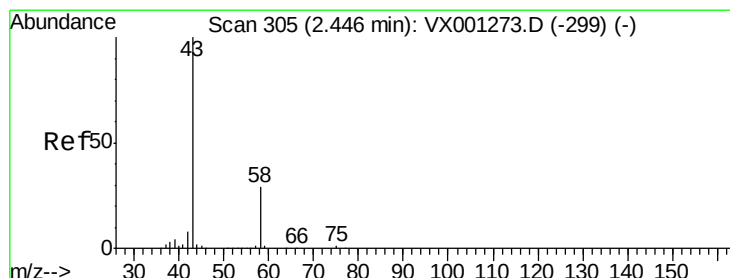
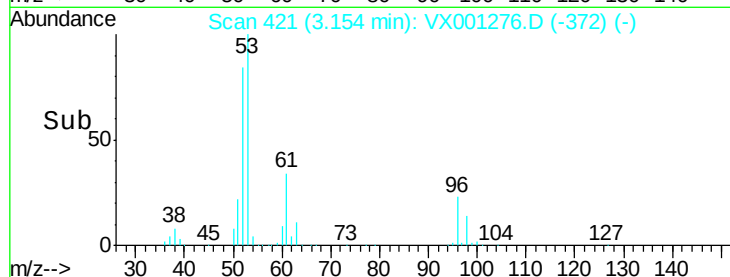
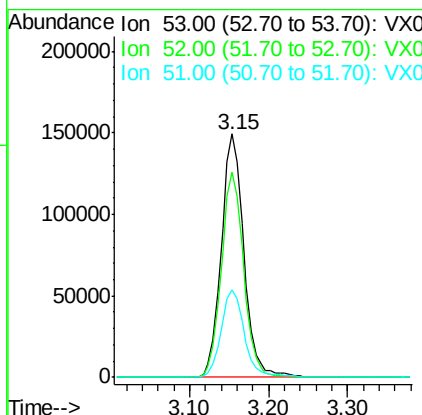
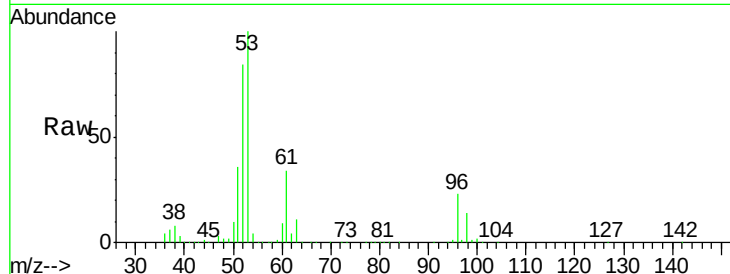
ClientSampleId :

ICVVX050118

Tot Ion:	53	Resp:	296336
Ion	Ratio	Lower	Upper
53	100		
52	83.7	67.0	100.4
51	37.1	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:54 PM



#16

Acetone

Concen: 247.65 ug/l

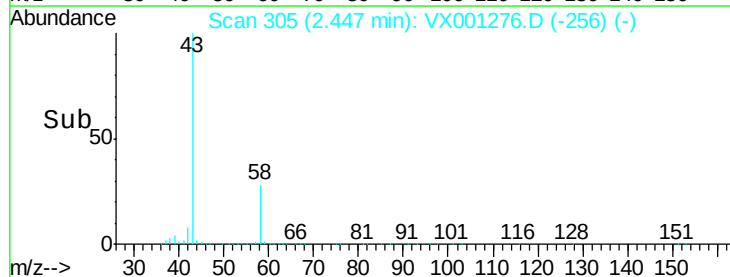
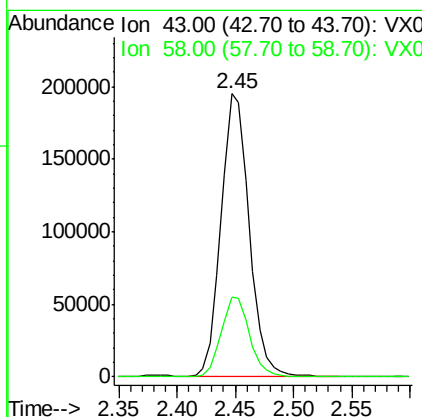
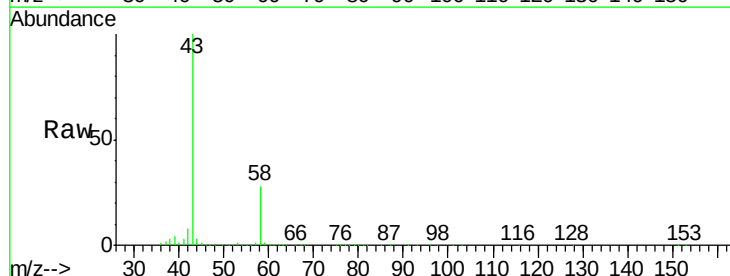
RT: 2.45 min Scan# 305

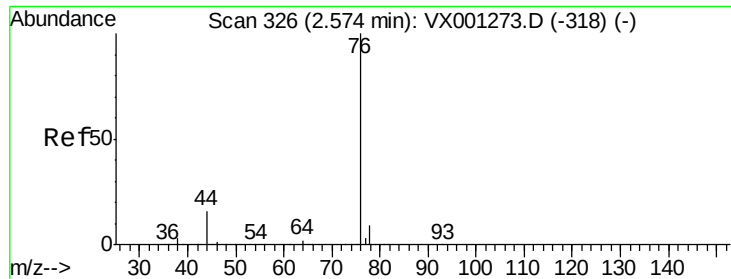
Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Tgt Ion:	43	Resp:	325959
Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.8	34.2





#17

Carbon Disulfide

Concen: 49.79 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

Tot Ion: 76 Resp: 289850

Ion Ratio Lower Upper

76 100

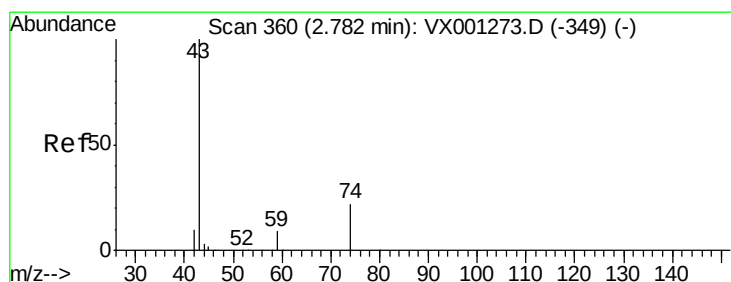
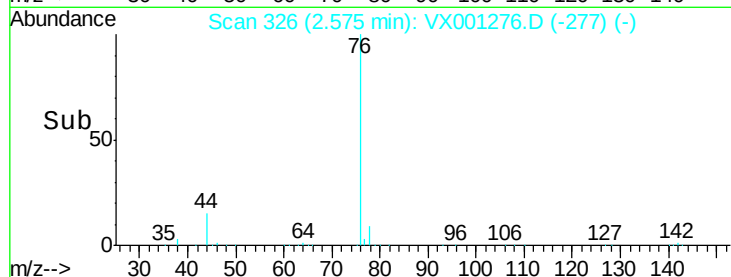
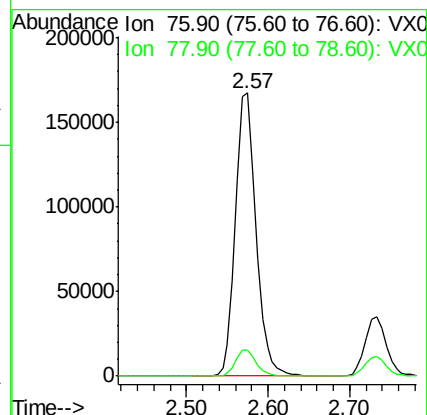
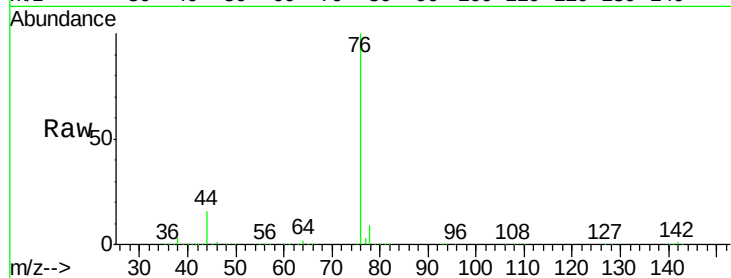
78 9.2 7.0 10.4

Manual Integrations

APPROVED

MMDadoda

5/2/2018 4:20:54 PM



#18

Methyl Acetate

Concen: 49.49 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001276.D

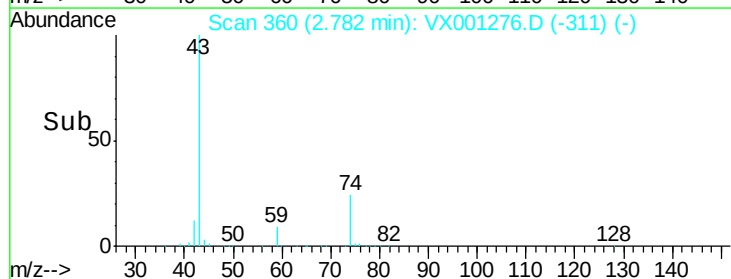
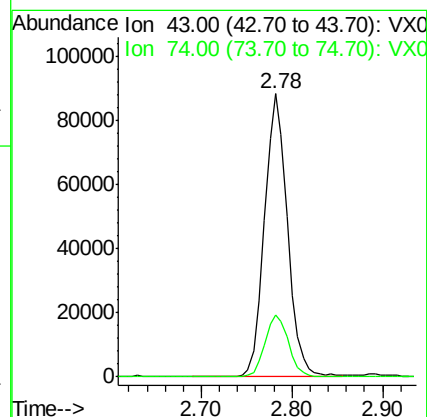
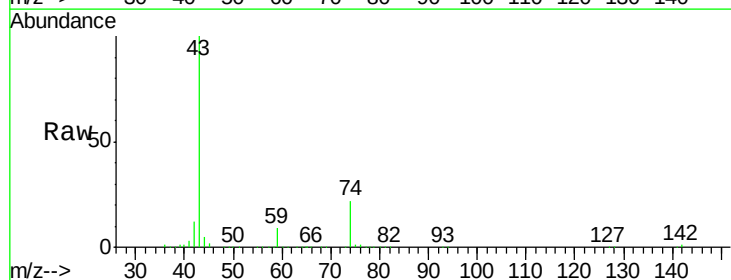
Acq: 01 May 2018 13:39

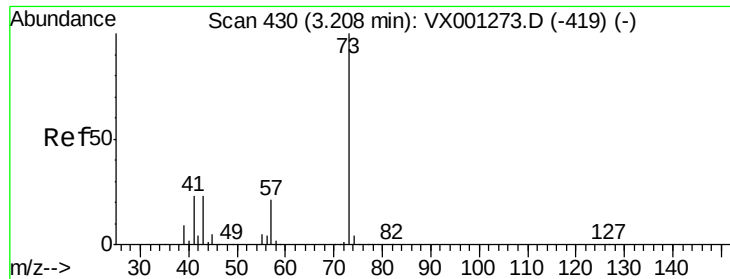
Tgt Ion: 43 Resp: 153843

Ion Ratio Lower Upper

43 100

74 22.1 17.8 26.6





#19

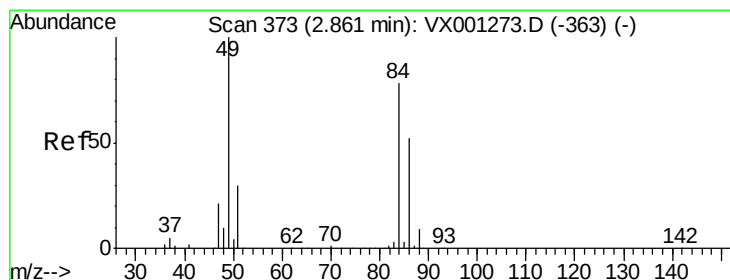
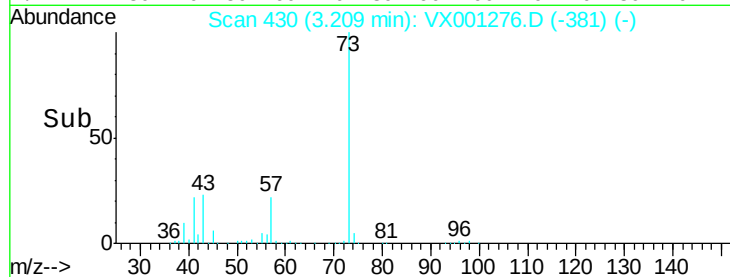
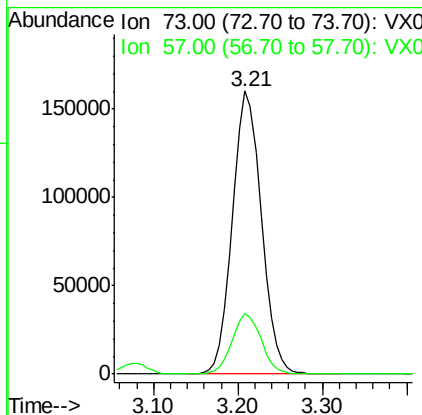
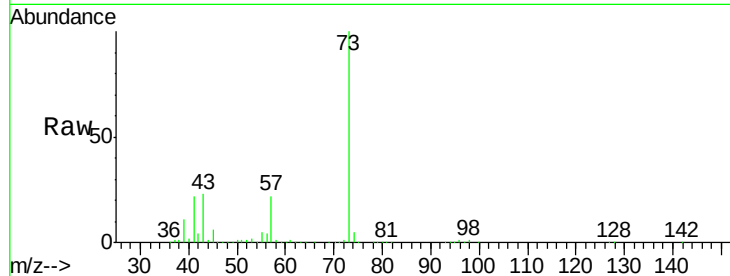
Methyl tert-butyl Ether
 Concen: 49.04 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.8	25.2

Manual Integrations
 APPROVED

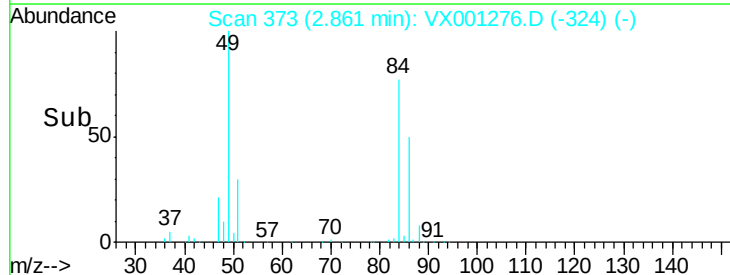
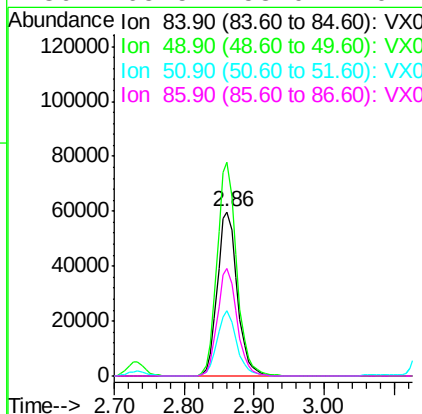
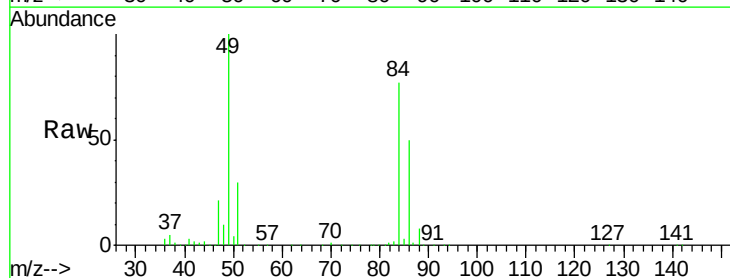
MMDadoda
 5/2/2018 4:20:54 PM

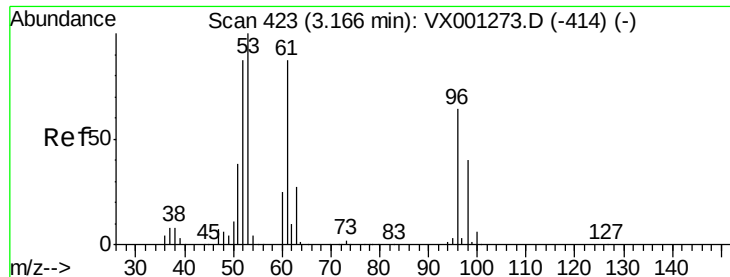


#20

Methylene Chloride
 Concen: 49.65 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.8	102.8	154.2
51	39.6	30.9	46.3
86	65.5	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 47.96 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

Tot Ion: 96 Resp: 116648

Ion Ratio Lower Upper

96 100

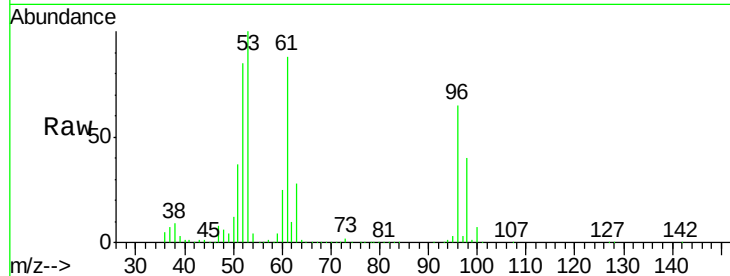
61 135.8 108.6 162.8

98 62.2 49.7 74.5

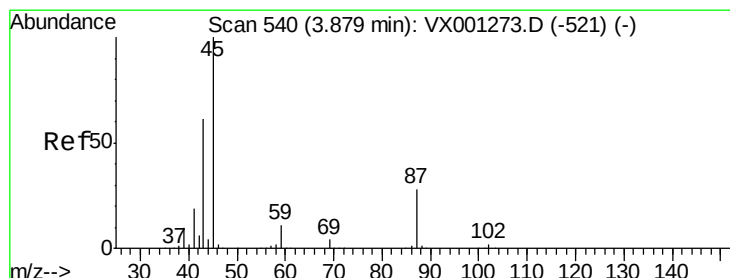
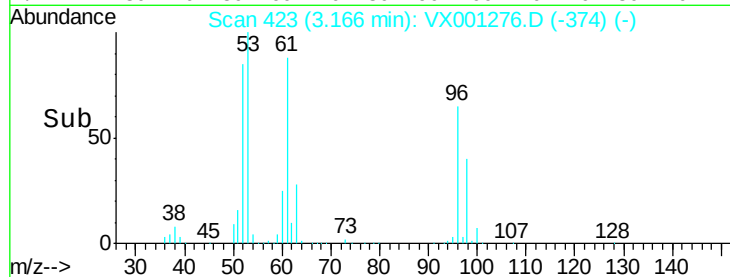
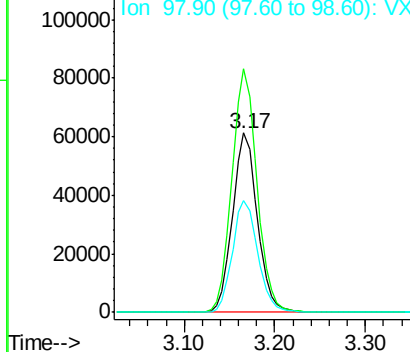
Manual Integrations
APPROVED

MMDadoda

5/2/2018 4:20:54 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.14 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Tgt Ion: 45 Resp: 369977

Ion Ratio Lower Upper

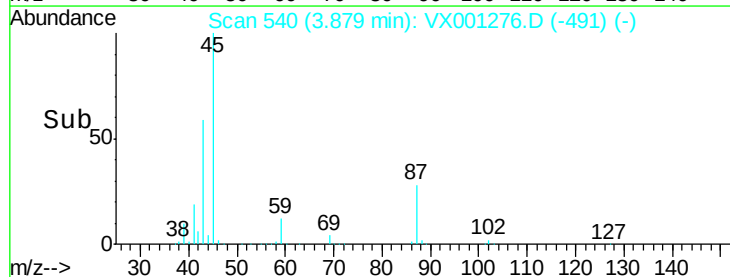
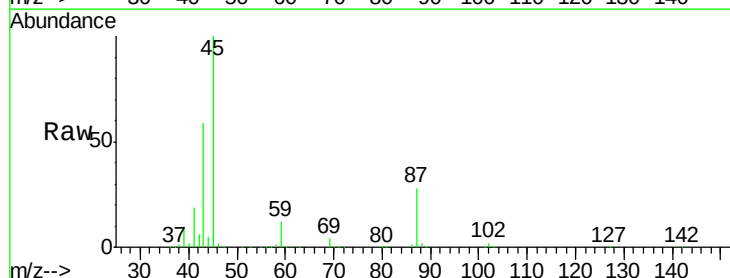
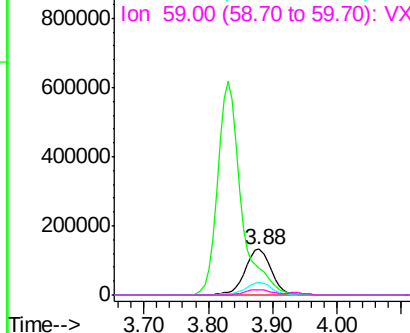
45 100

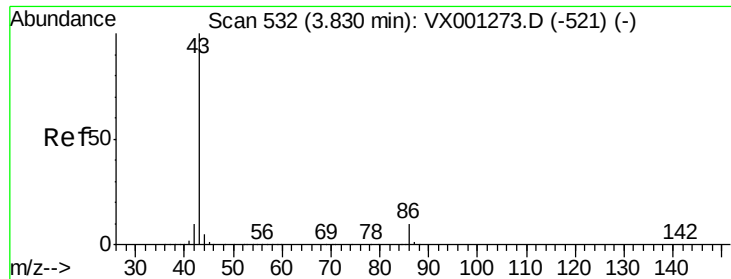
43 58.8 48.7 73.1

87 28.2 22.2 33.4

59 11.5 9.1 13.7

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





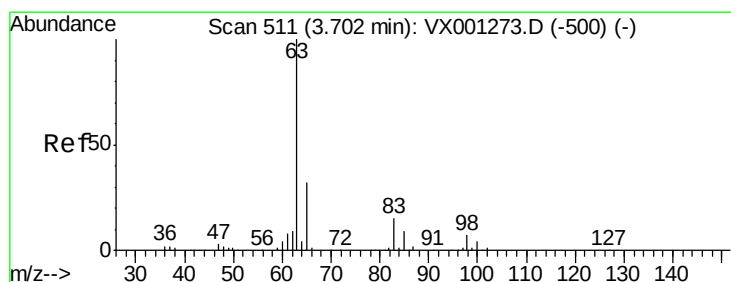
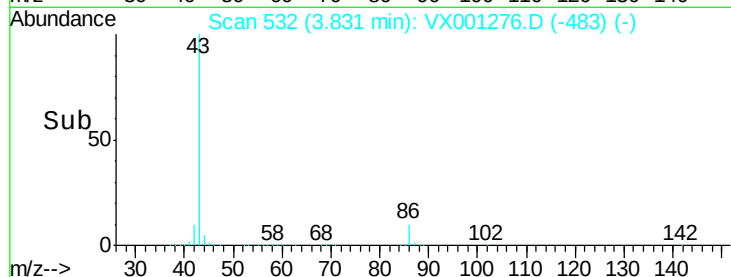
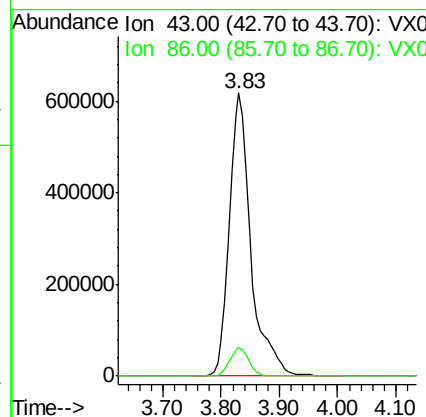
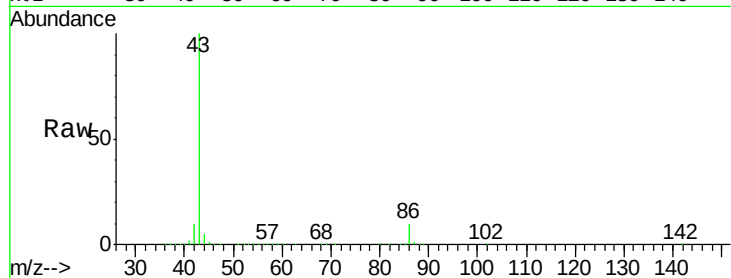
#23
Vinyl Acetate
Concen: 249.49 ug/l
RT: 3.83 min Scan# 532
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion: 43 Resp: 1591736
Ion Ratio Lower Upper
43 100
86 9.9 8.2 12.4

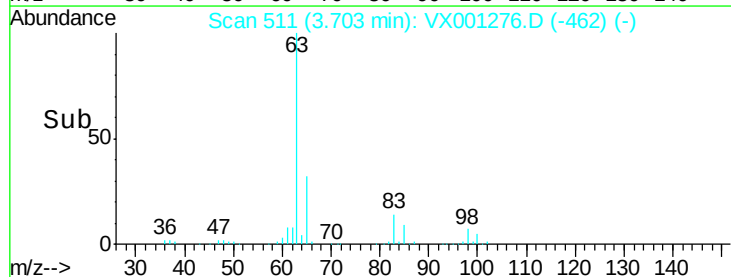
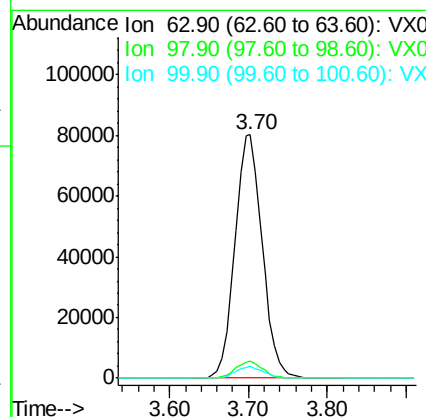
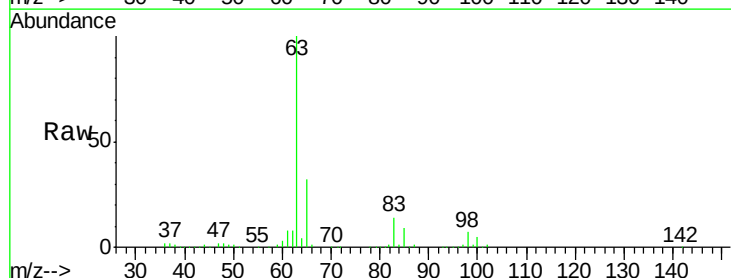
Manual Integrations
APPROVED

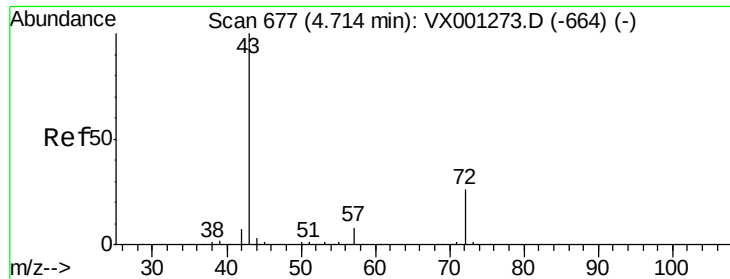
MMDadoda
5/2/2018 4:20:54 PM



#24
1,1-Dichloroethane
Concen: 46.00 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion: 63 Resp: 192908
Ion Ratio Lower Upper
63 100
98 7.1 3.5 10.5
100 4.7 2.3 6.8





#25

2-Butanone

Concen: 242.94 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

Tot Ion: 43 Resp: 432340

Ion Ratio Lower Upper

43 100

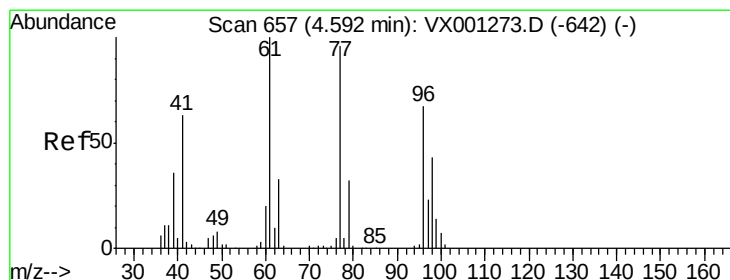
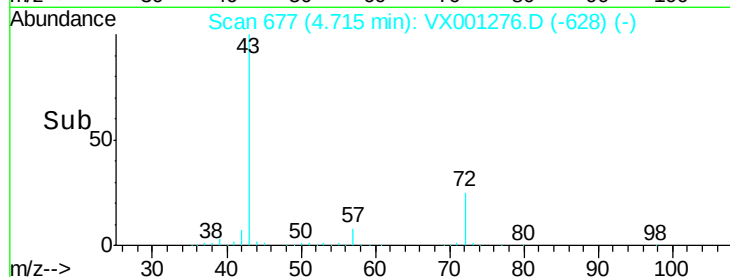
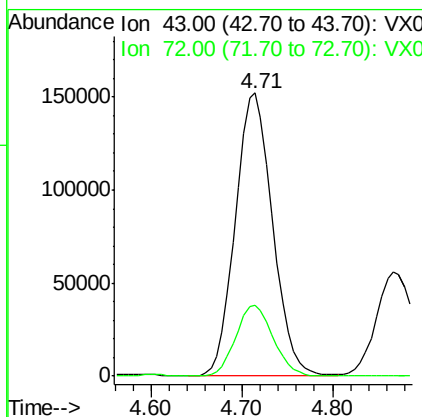
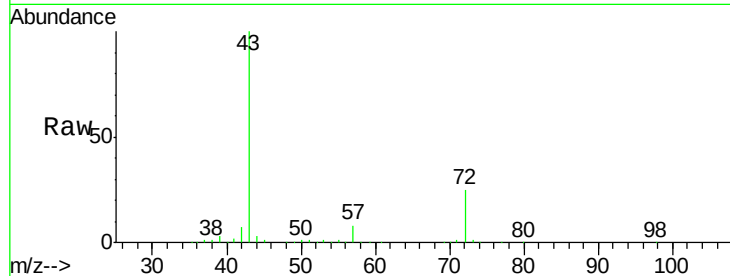
72 24.9 20.5 30.7

Manual Integrations

APPROVED

MMDadoda

5/2/2018 4:20:54 PM



#26

2,2-Dichloropropane

Concen: 50.62 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001276.D

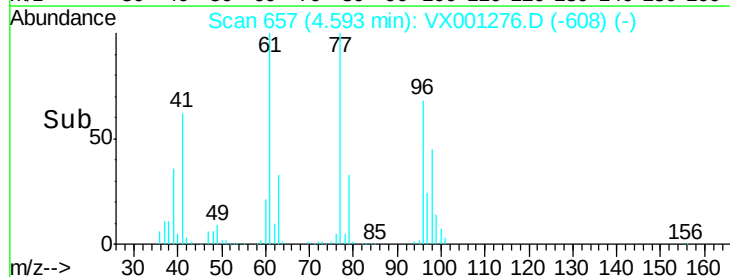
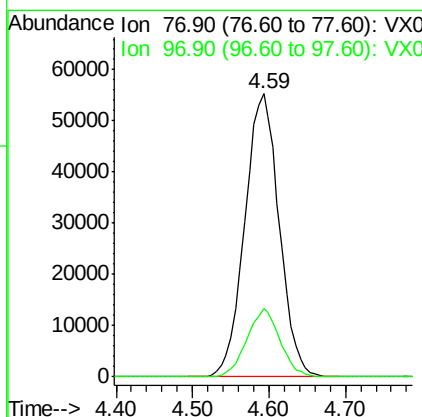
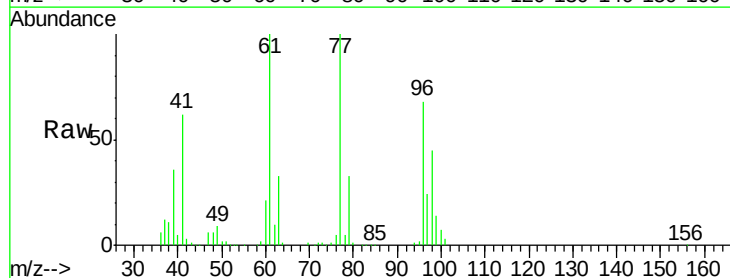
Acq: 01 May 2018 13:39

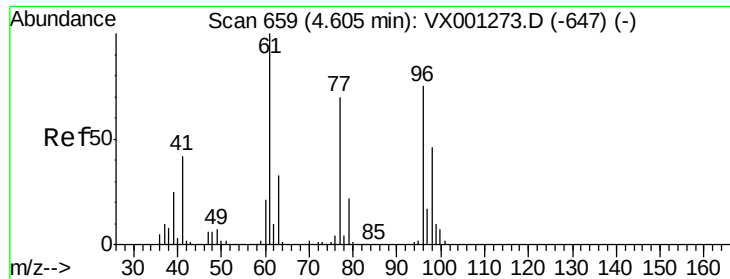
Tgt Ion: 77 Resp: 172768

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.3





#27

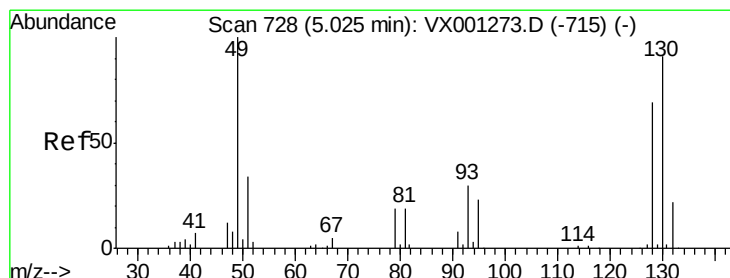
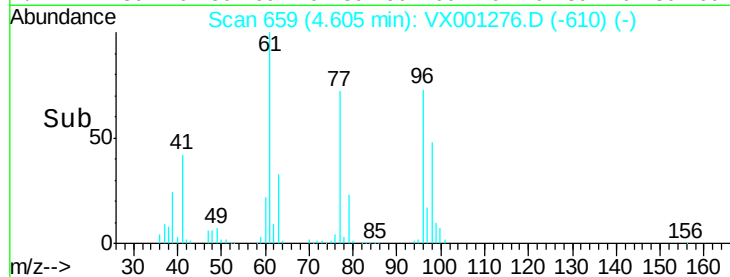
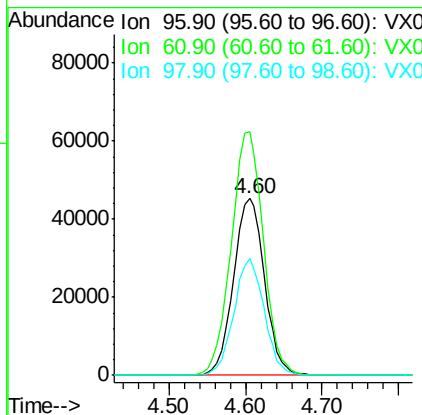
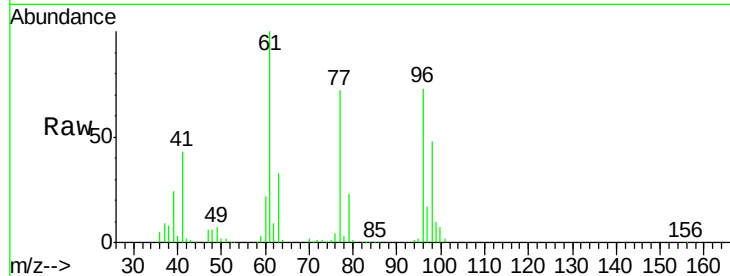
cis-1,2-Dichloroethene
Concen: 47.54 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	288.0
98	64.7	0.0	130.2

Manual Integrations
APPROVED

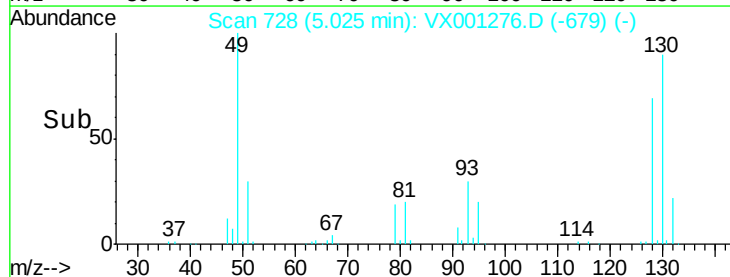
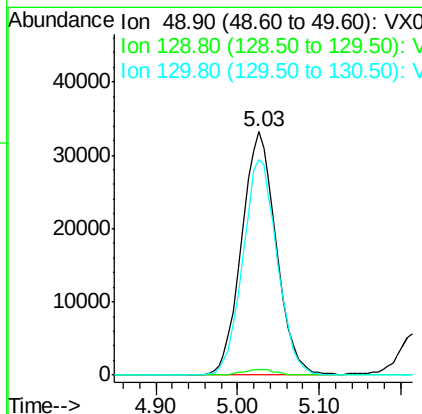
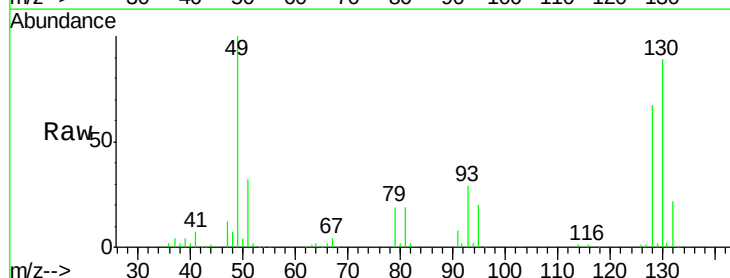
MMDadoda
5/2/2018 4:20:54 PM

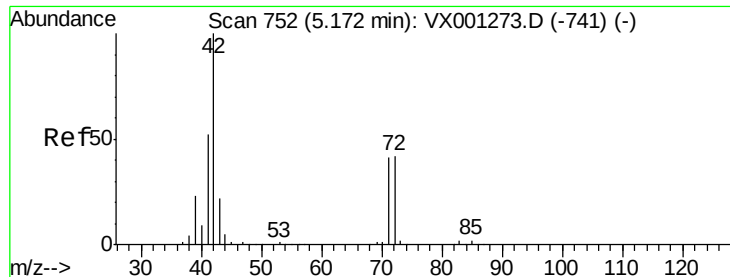


#28

Bromochloromethane
Concen: 52.01 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	87.9	70.4	105.6





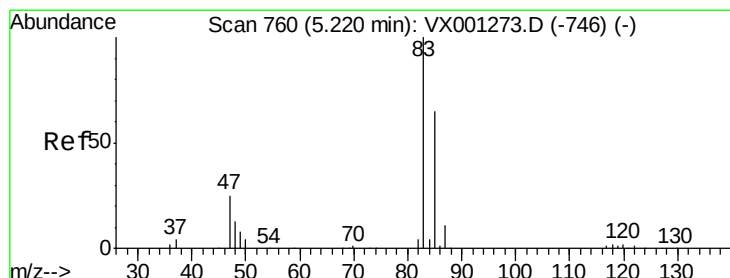
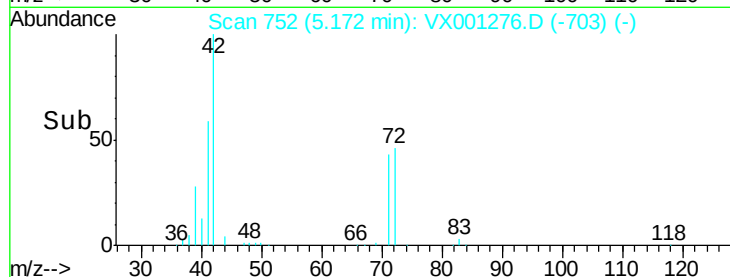
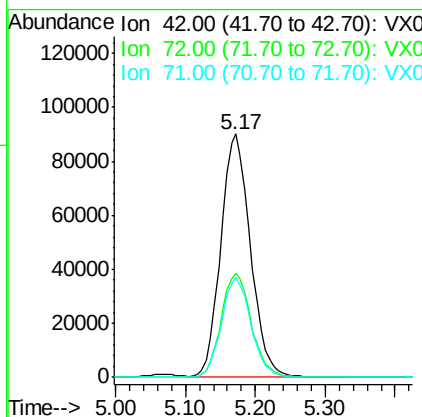
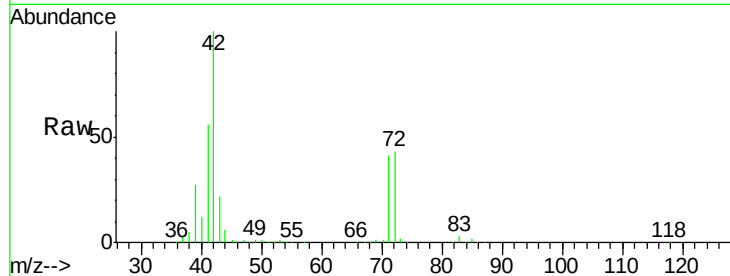
#29
Tetrahydrofuran
Concen: 241.32 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.6	52.0
71	40.8	32.7	49.1

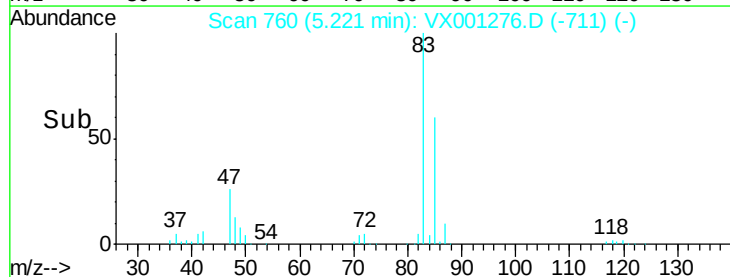
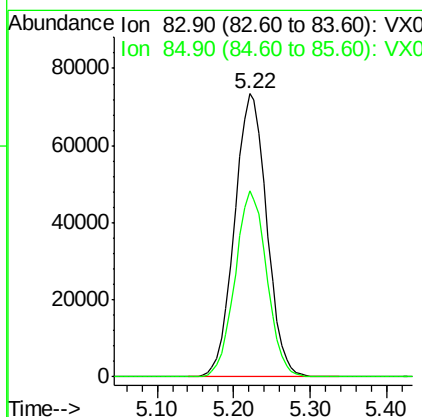
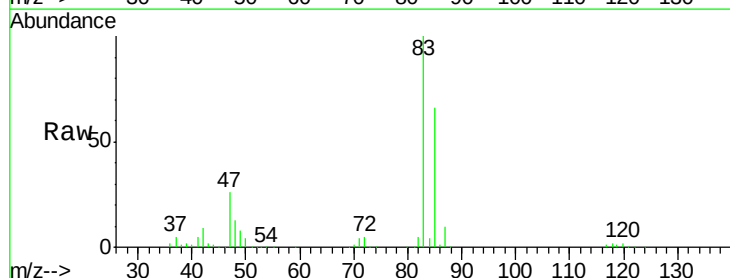
Manual Integrations
APPROVED

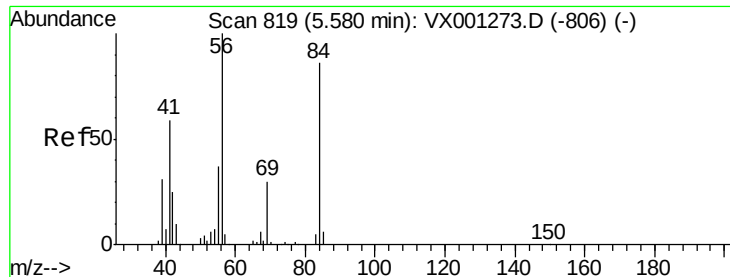
MMDadoda
5/2/2018 4:20:54 PM



#30
Chloroform
Concen: 48.37 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.2	78.2





#31

Cyclohexane

Concen: 49.29 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

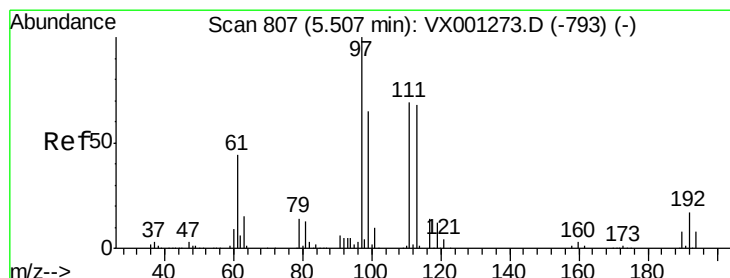
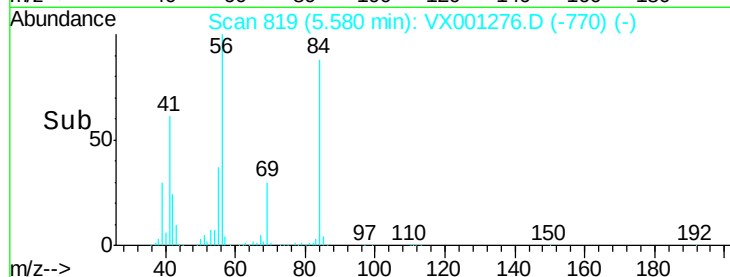
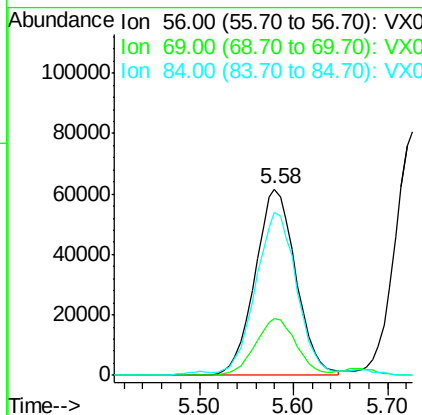
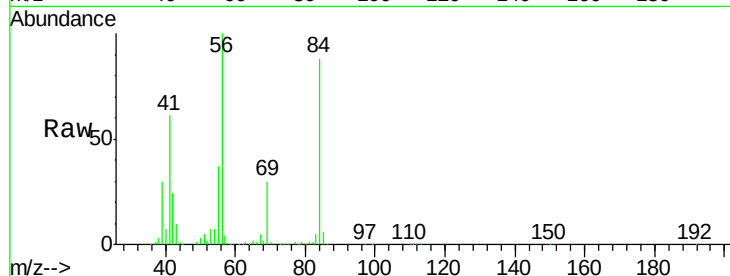
ClientSampled :

ICVVX050118

Tot Ion:	56	Resp:	186692
Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.0	36.0
84	86.2	69.0	103.4

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:54 PM



#32

1,1,1-Trichloroethane

Concen: 50.30 ug/l

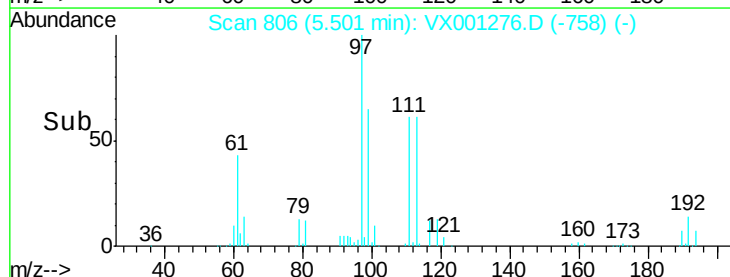
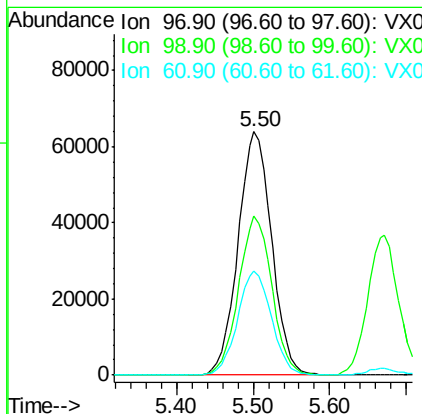
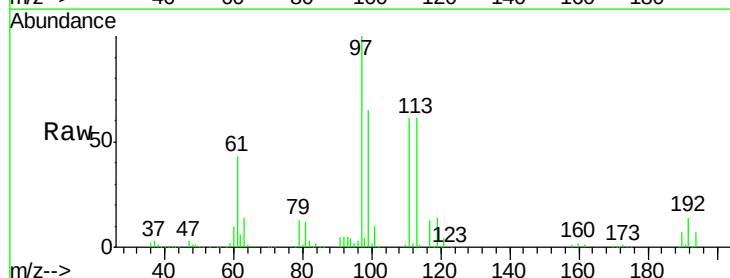
RT: 5.50 min Scan# 806

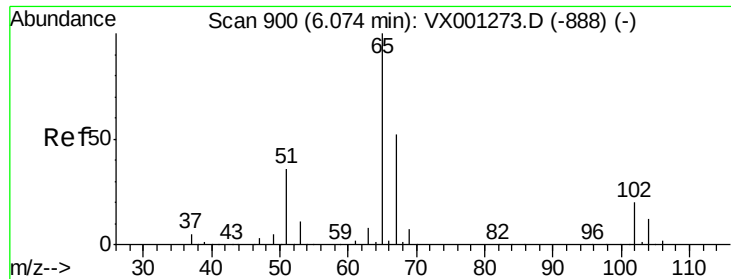
Delta R.T. -0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Tgt Ion:	97	Resp:	194892
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.6
61	43.2	35.4	53.2





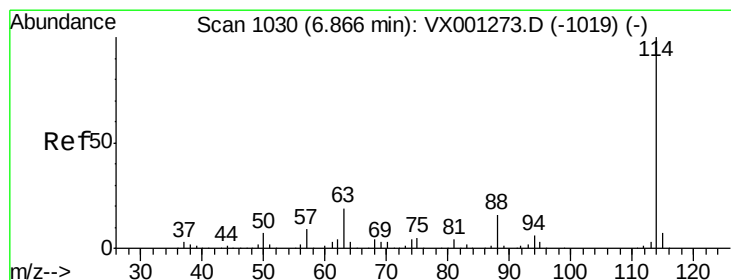
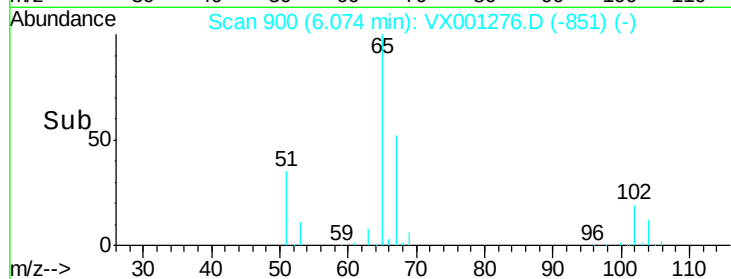
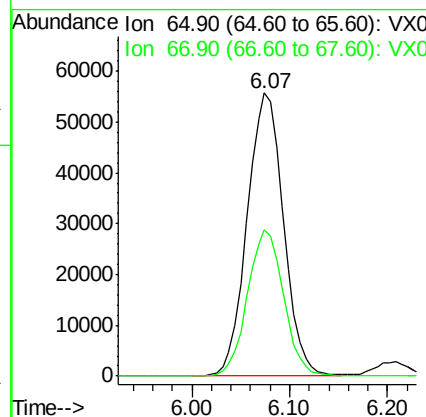
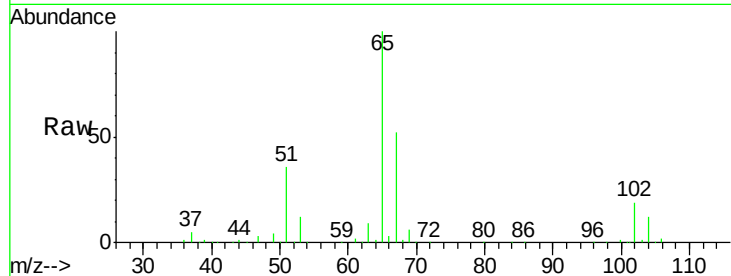
#33
 1,2-Dichloroethane-d4
 Concen: 46.74 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Tot Ion	Ratio	Resp	Lower	Upper
65	100	144119		
67	51.4	0.0	102.8	

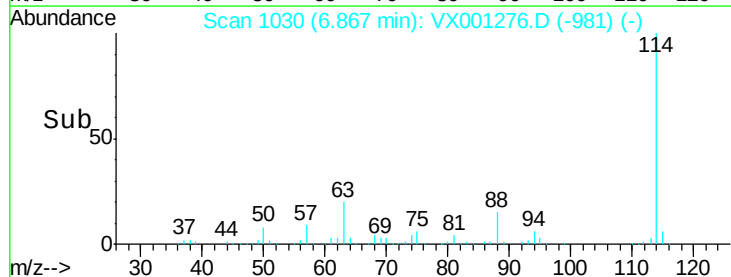
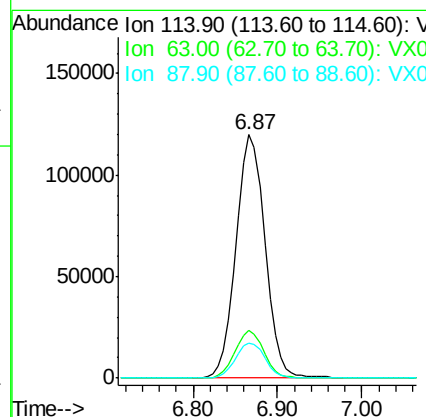
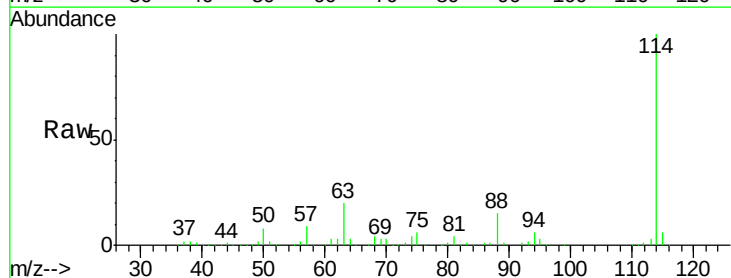
Manual Integrations
 APPROVED

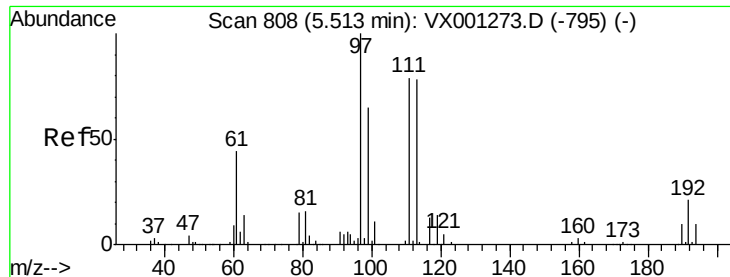
MMDadoda
 5/2/2018 4:20:54 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	280375		
63	19.7	0.0	38.8	
88	14.6	0.0	32.2	





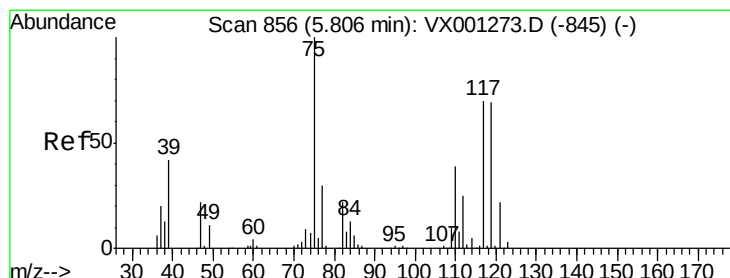
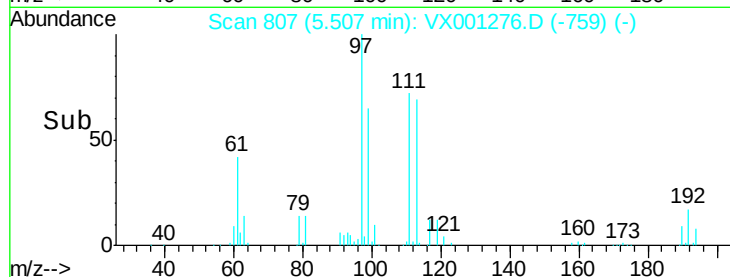
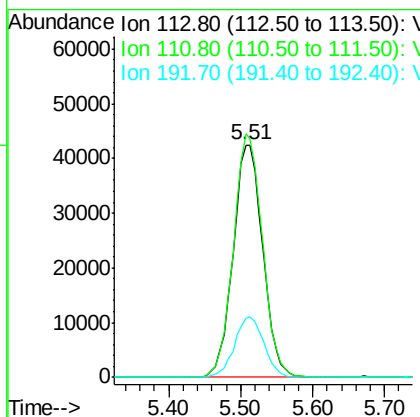
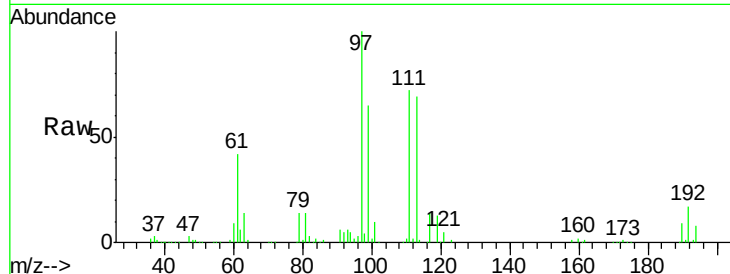
#35
 Dibromofluoromethane
 Concen: 50.26 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121414		
111	102.5	81.2	121.8	
192	25.7	20.7	31.1	

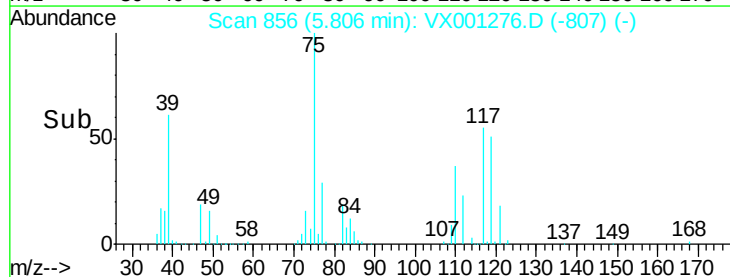
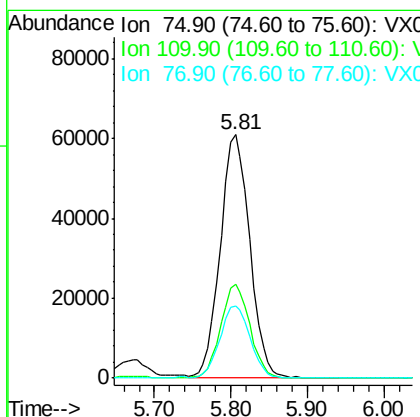
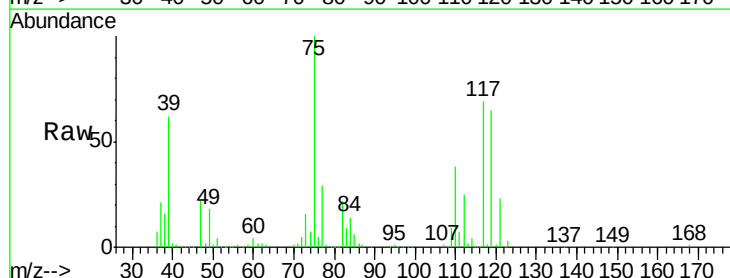
Manual Integrations
 APPROVED

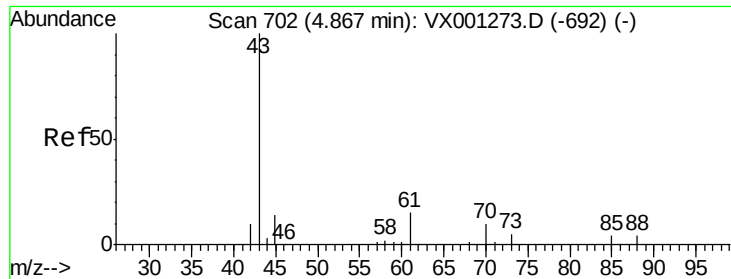
MMDadoda
 5/2/2018 4:20:54 PM



#36
 1,1-Dichloropropene
 Concen: 50.22 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	162494		
110	38.1	18.9	56.9	
77	30.1	24.2	36.2	





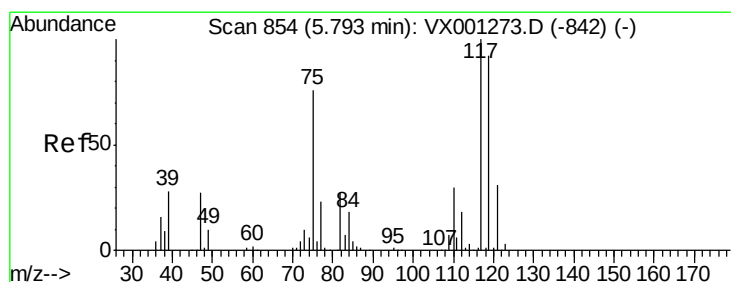
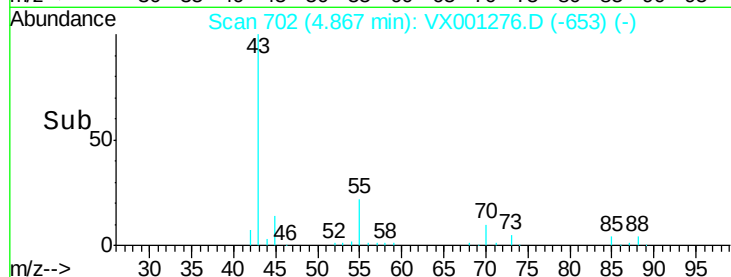
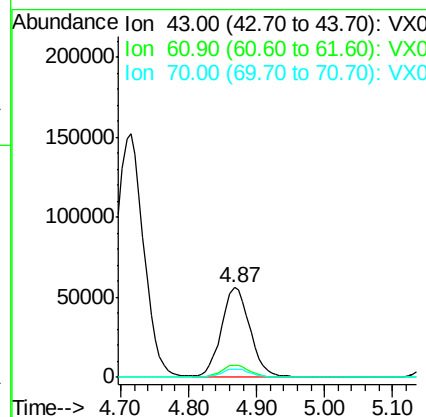
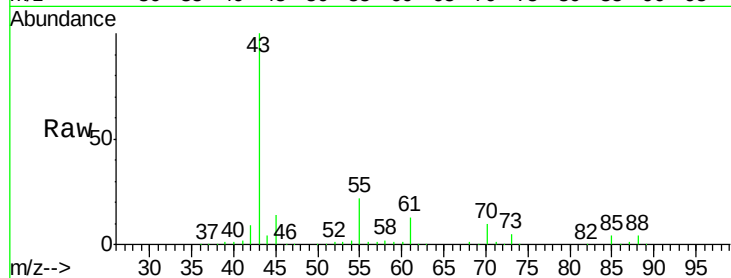
#37
Ethyl Acetate
Concen: 50.18 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.0	8.0	12.0

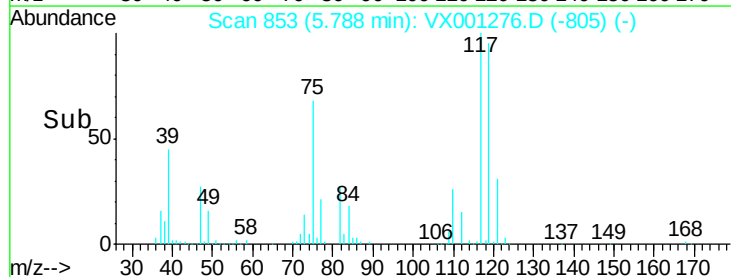
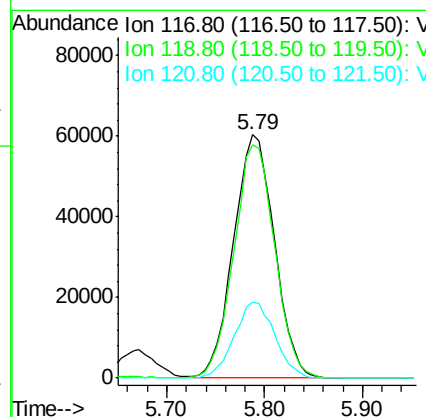
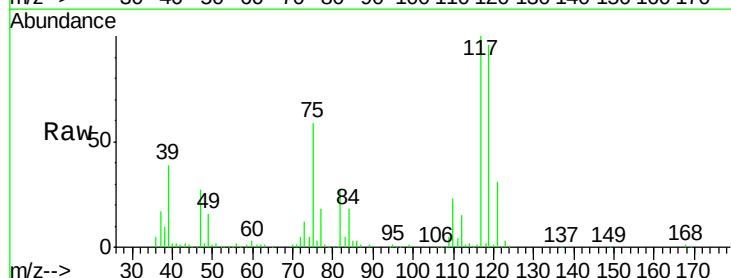
Manual Integrations
APPROVED

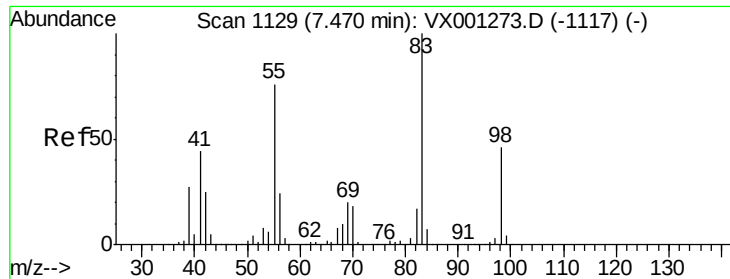
MMDadoda
5/2/2018 4:20:54 PM



#38
Carbon Tetrachloride
Concen: 51.56 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	73.4	110.2
121	31.3	25.0	37.4





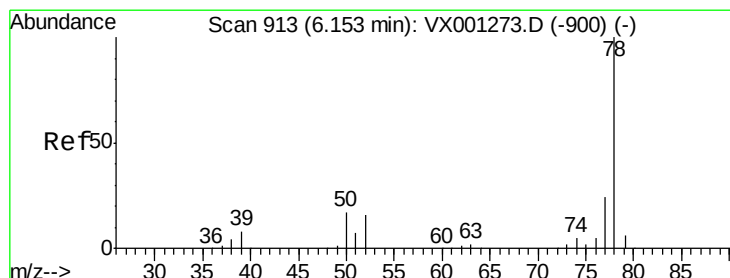
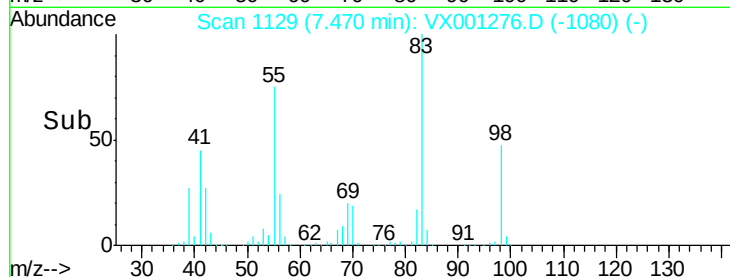
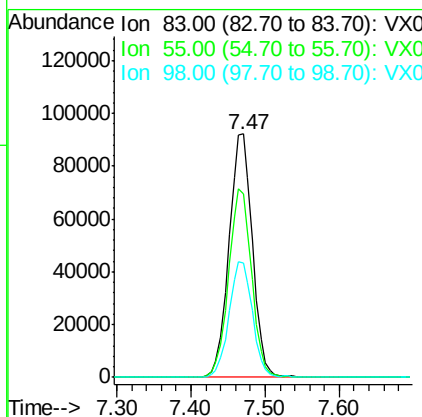
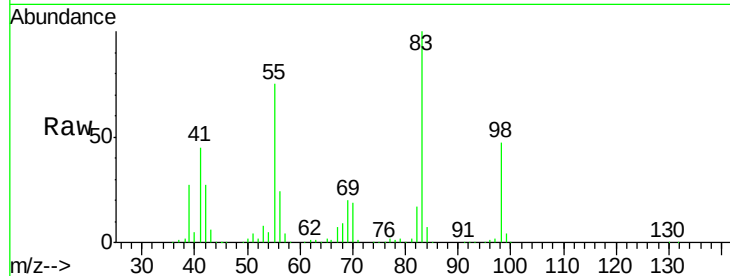
#39
Methylvlcyclohexane
Concen: 53.27 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion	Ratio	Resp	Lower	Upper
83	100	203855		
55	75.4		60.4	90.6
98	47.2		37.0	55.6

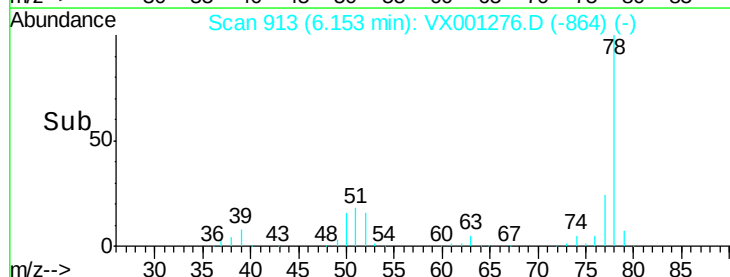
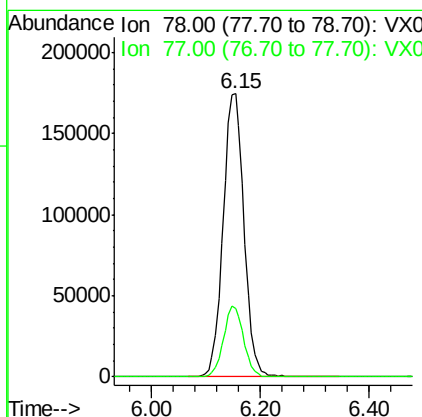
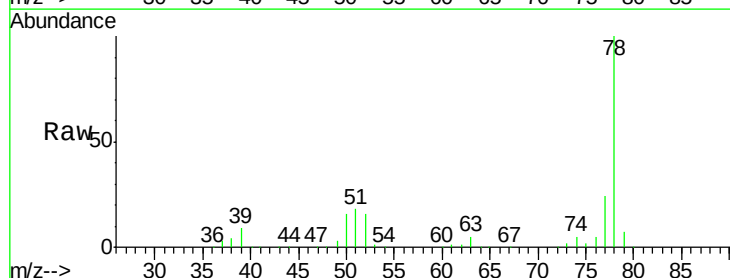
Manual Integrations
APPROVED

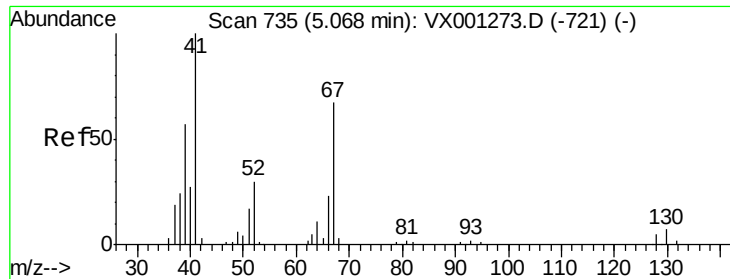
MMDadoda
5/2/2018 4:20:54 PM



#40
Benzene
Concen: 49.97 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	465159		
77	24.1		19.0	28.4





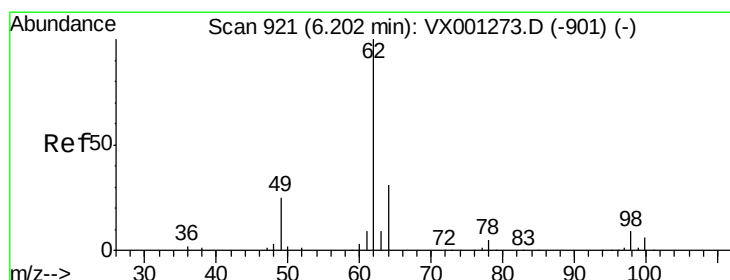
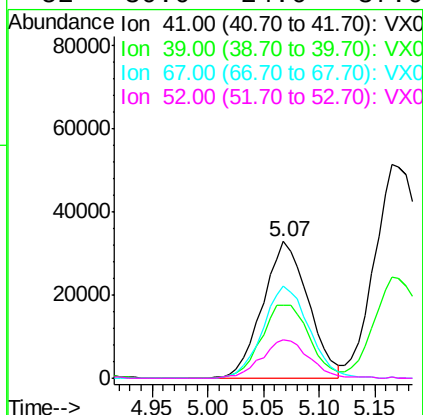
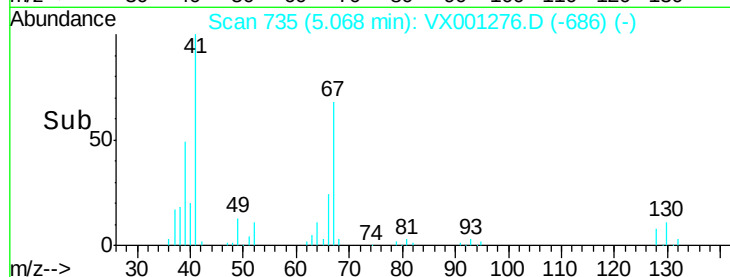
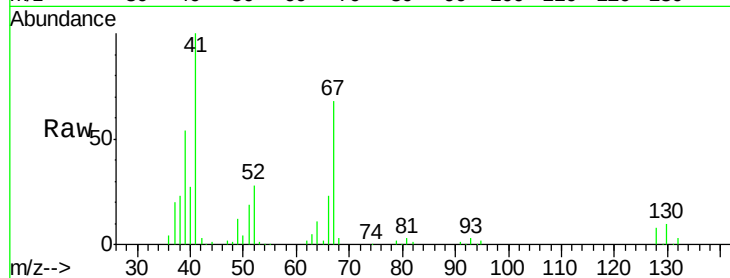
#41
Methacrylonitrile
Concen: 48.96 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.2	45.8	68.8	
67	68.8	54.8	82.2	
52	30.0	24.6	37.0	

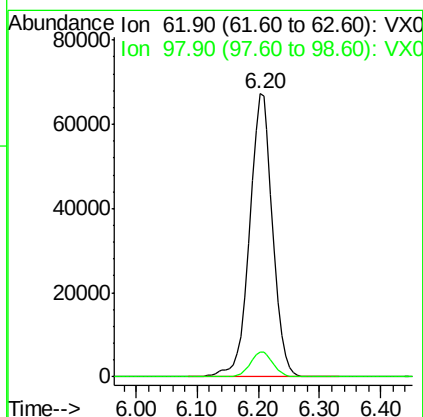
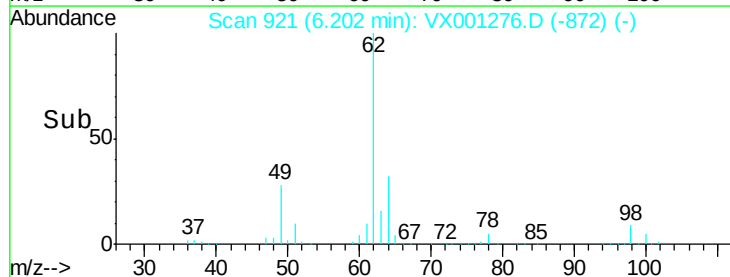
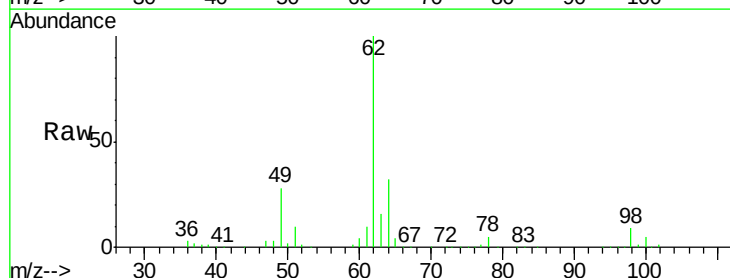
Manual Integrations
APPROVED

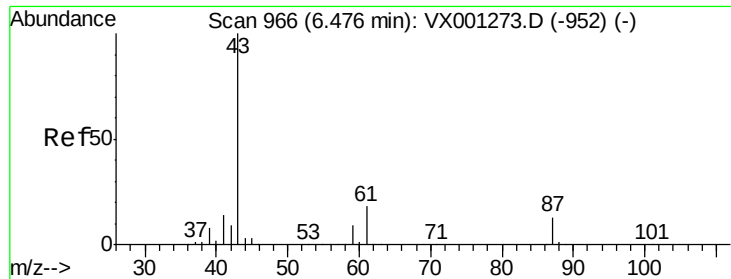
MMDadoda
5/2/2018 4:20:54 PM



#42
1,2-Dichloroethane
Concen: 49.35 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	17.2	





#43

Isopropyl Acetate

Concen: 52.65 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

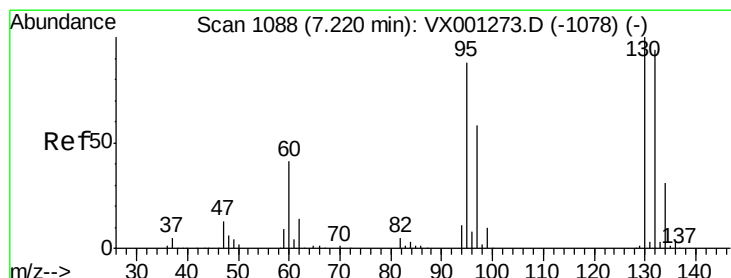
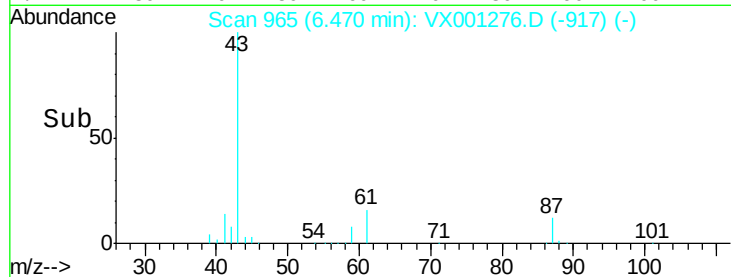
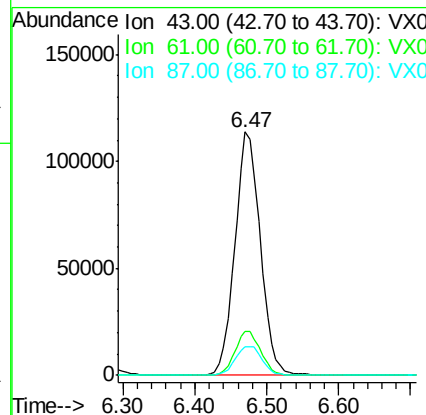
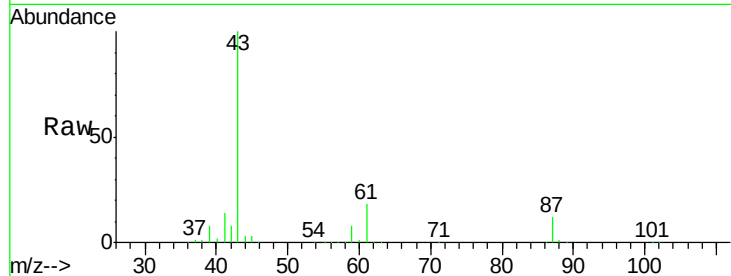
ClientSampleId :

ICVVX050118

Tot Ion:	43	Resp:	278496
Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.0	22.4
87	12.7	10.2	15.4

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:54 PM



#44

Trichloroethene

Concen: 50.08 ug/l

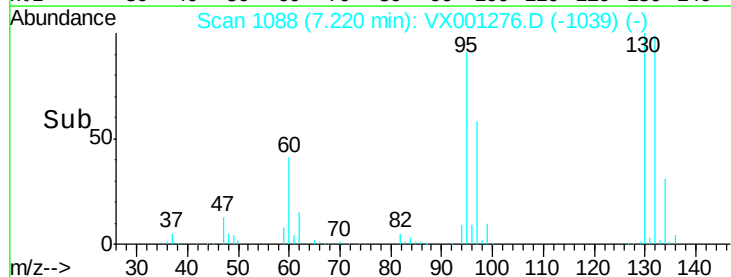
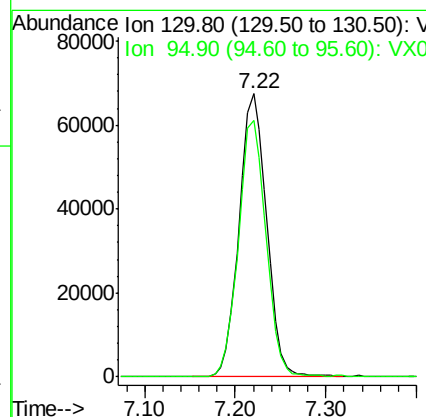
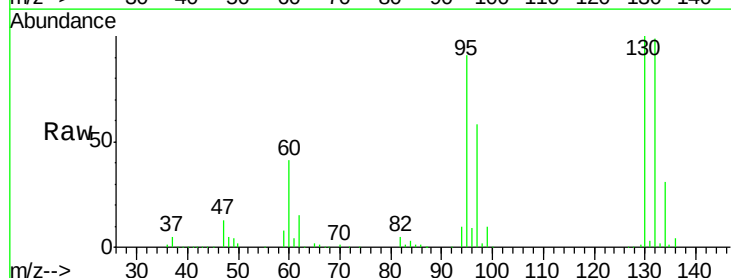
RT: 7.22 min Scan# 1088

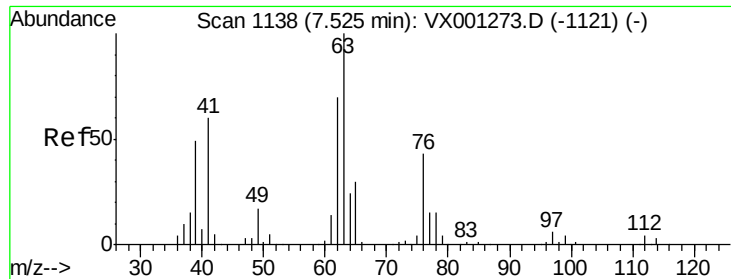
Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Tgt Ion:	130	Resp:	142693
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	176.0





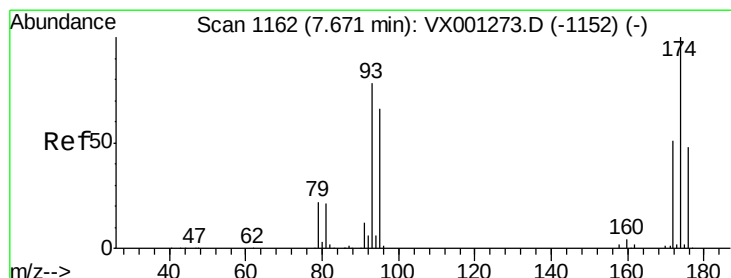
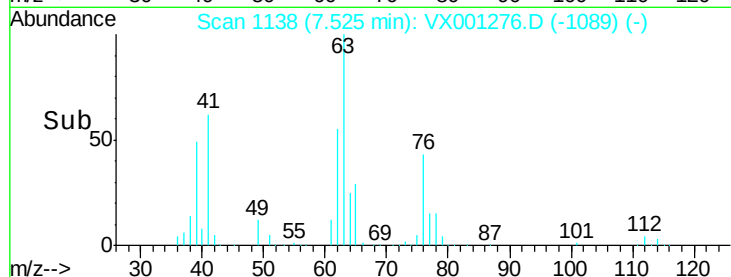
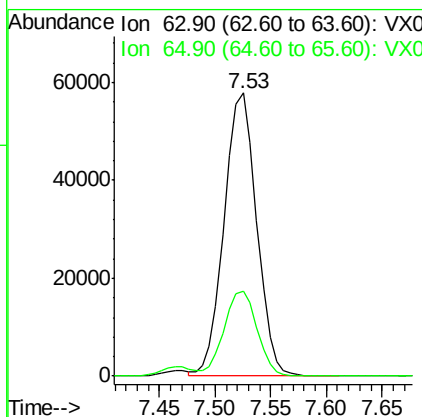
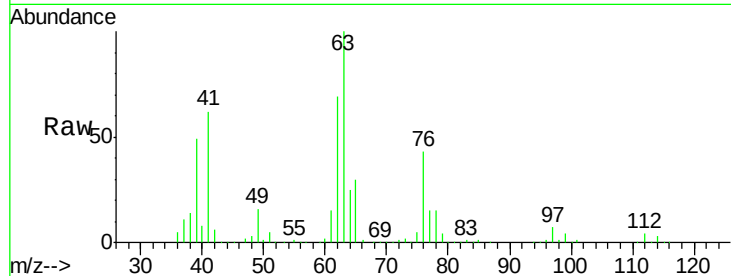
#45
 1,2-Dichloropropane
 Concen: 49.13 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Tot Ion: 63 Resp: 117441
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.2 36.4

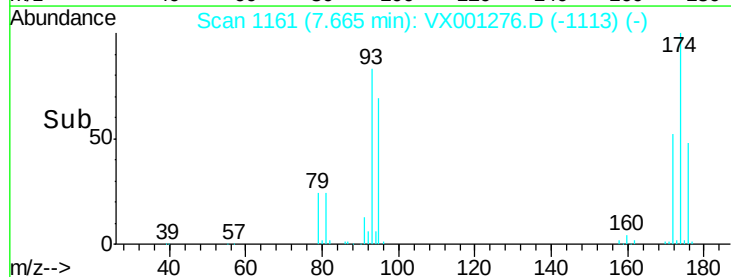
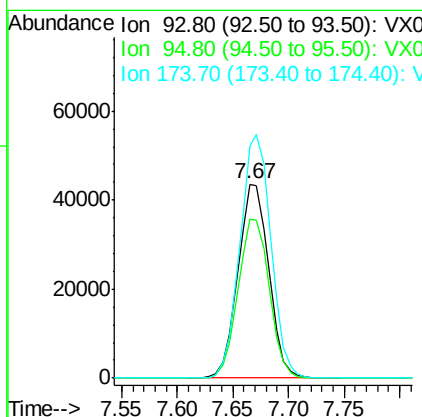
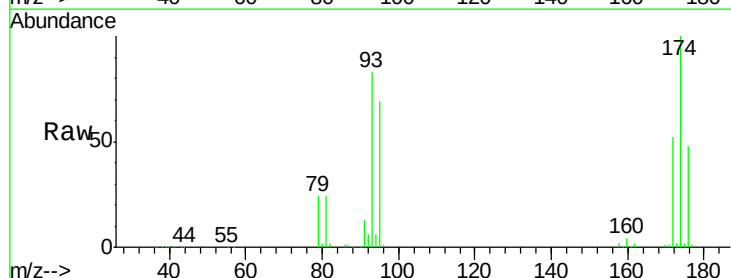
Manual Integrations
 APPROVED

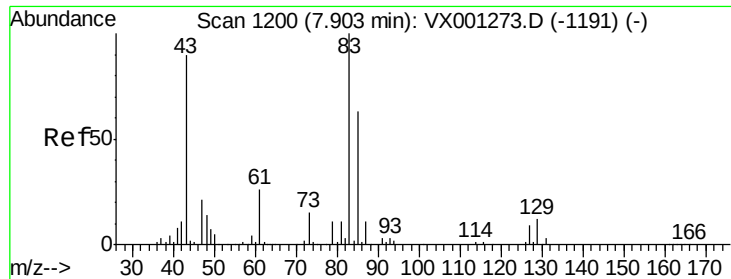
MMDadoda
 5/2/2018 4:20:54 PM



#46
 Dibromomethane
 Concen: 50.02 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion: 93 Resp: 83812
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.6
 174 126.5 102.3 153.5





#47

Bromodichloromethane

Concen: 53.17 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

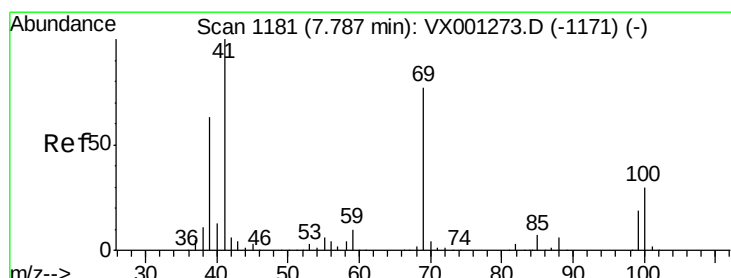
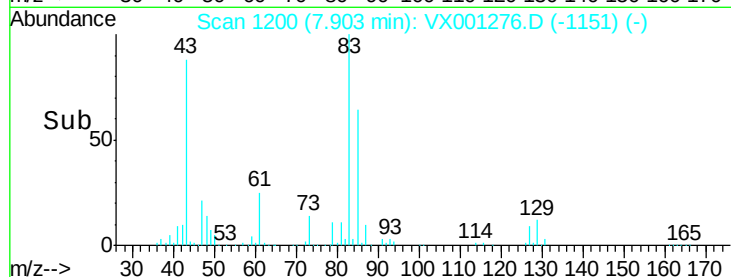
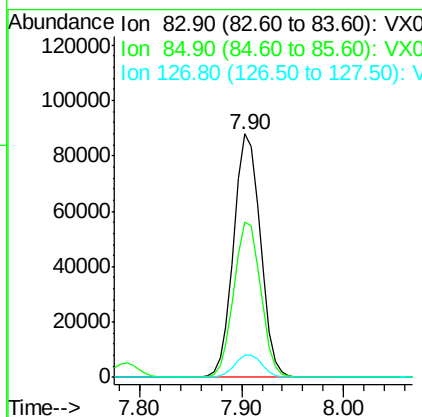
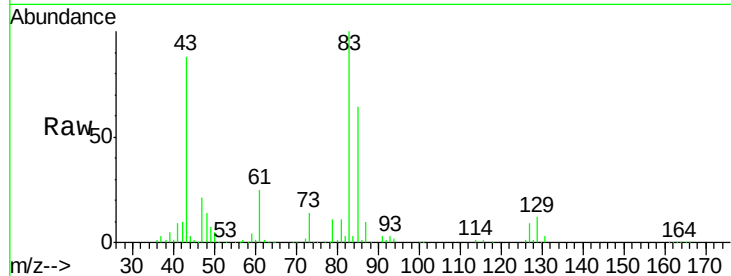
ClientSampleId :

ICVVX050118

Tot Ion:	83	Resp:	159290
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.3	75.5
127	8.9	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:54 PM



#48

Methyl methacrylate

Concen: 51.88 ug/l

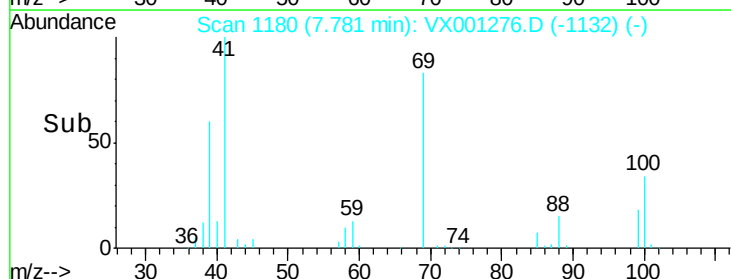
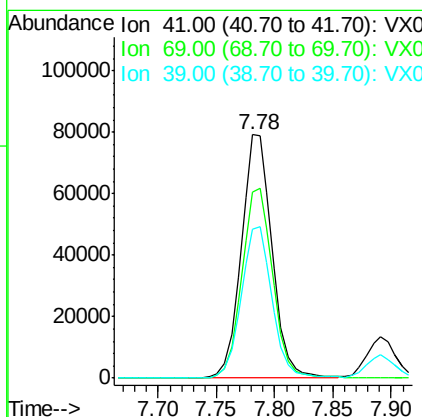
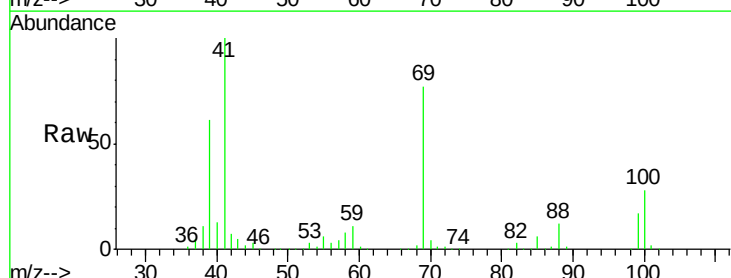
RT: 7.78 min Scan# 1180

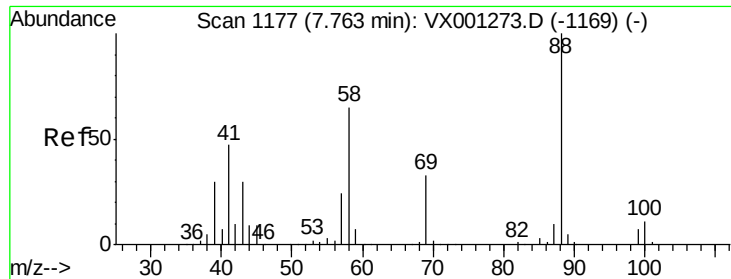
Delta R.T. -0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Tgt Ion:	41	Resp:	145897
Ion	Ratio	Lower	Upper
41	100		
69	78.5	63.0	94.6
39	61.7	50.2	75.4





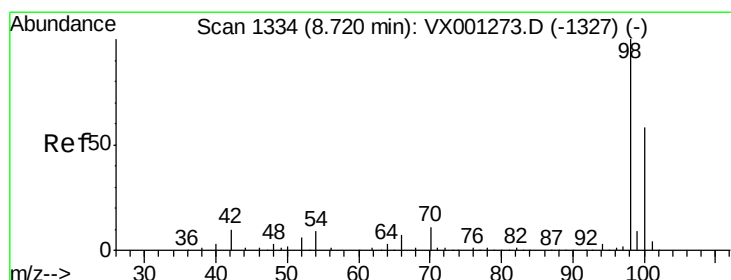
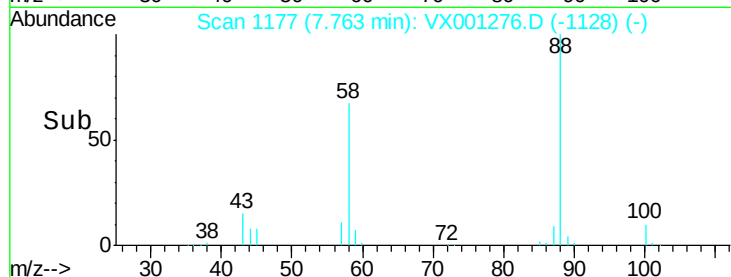
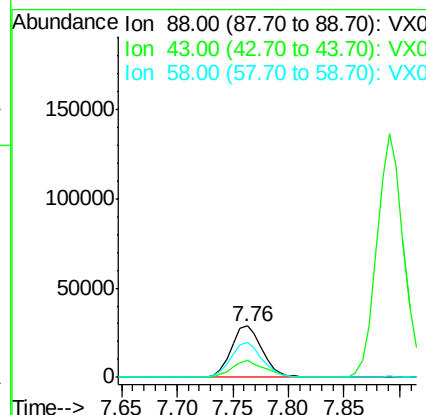
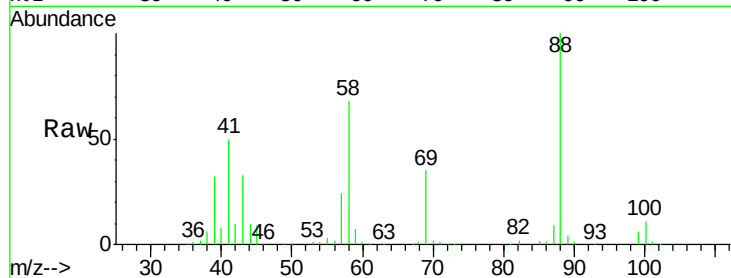
#49
1,4-Dioxane
Concen: 1042.27 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	27.9	41.9
58	68.4	54.2	81.2

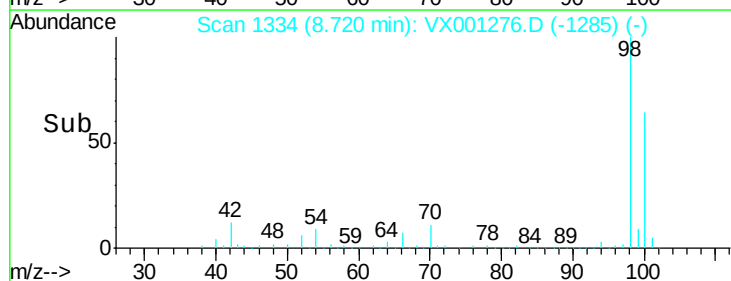
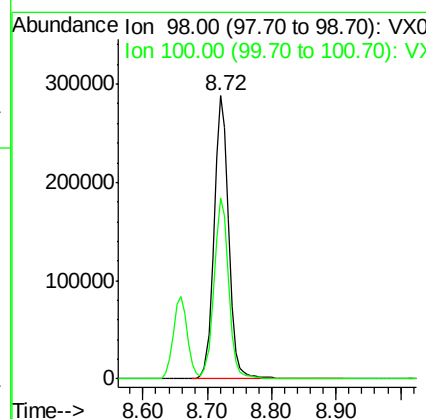
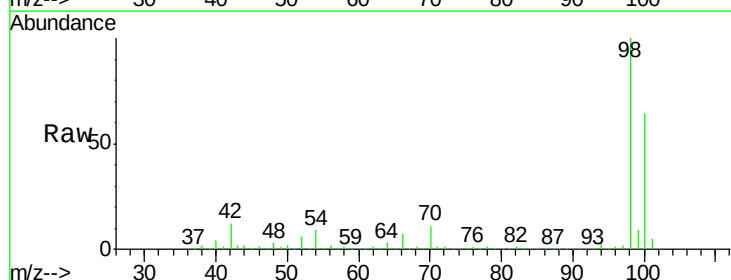
Manual Integrations
APPROVED

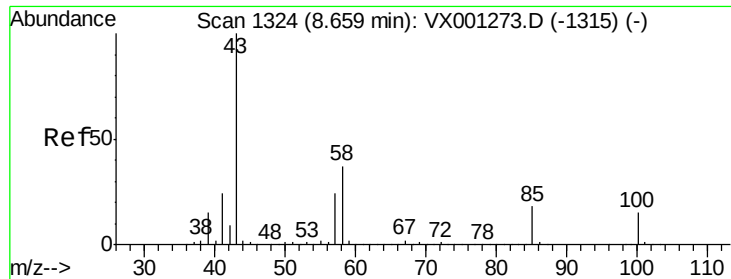
MMDadoda
5/2/2018 4:20:54 PM



#50
Toluene-d8
Concen: 53.18 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 262.85 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

Tot Ion: 43 Resp: 896417

Ion Ratio Lower Upper

43 100

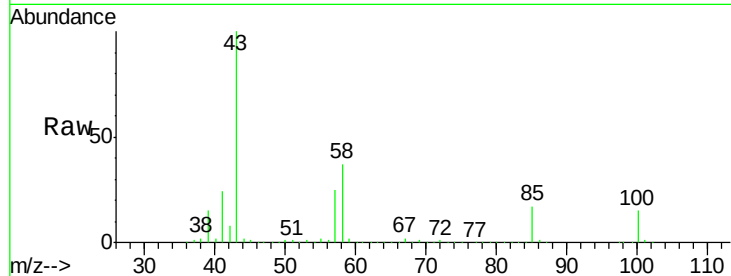
58 36.6 29.0 43.6

Manual Integrations

APPROVED

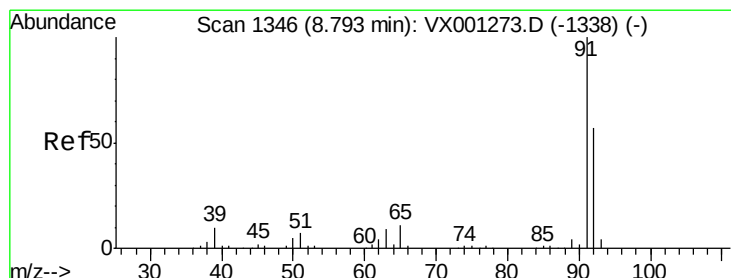
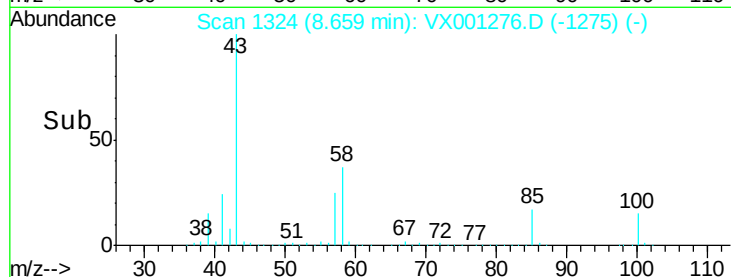
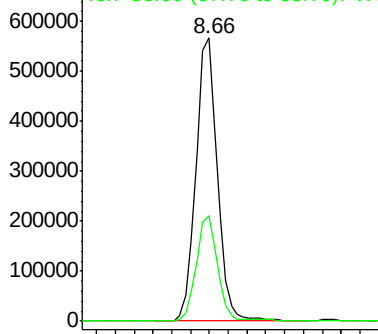
MMDadoda

5/2/2018 4:20:54 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.21 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001276.D

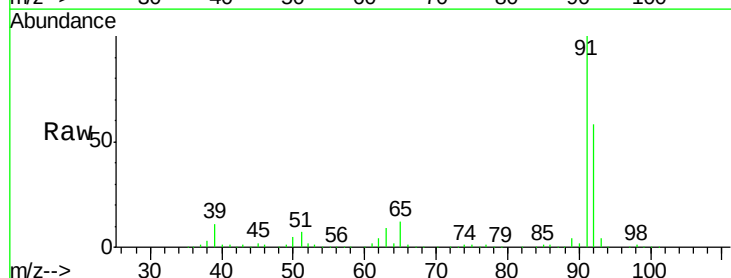
Acq: 01 May 2018 13:39

Tgt Ion: 92 Resp: 311618

Ion Ratio Lower Upper

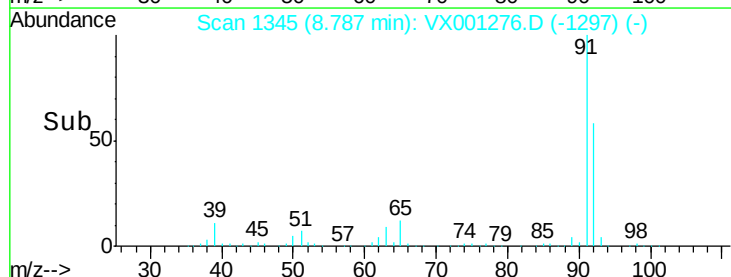
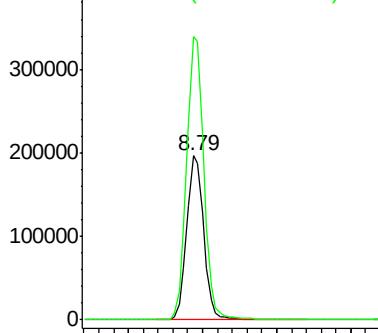
92 100

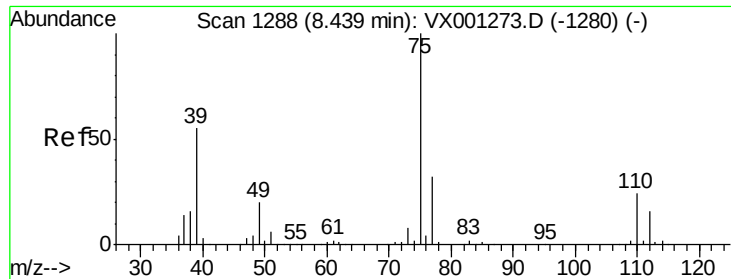
91 174.4 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





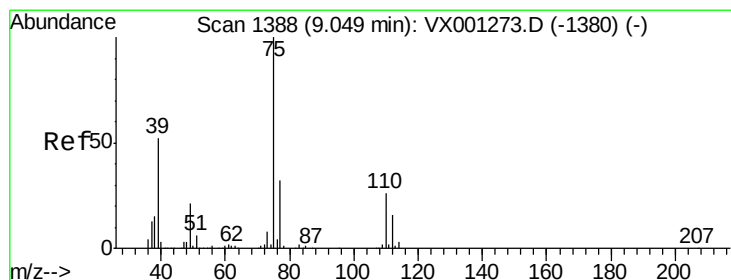
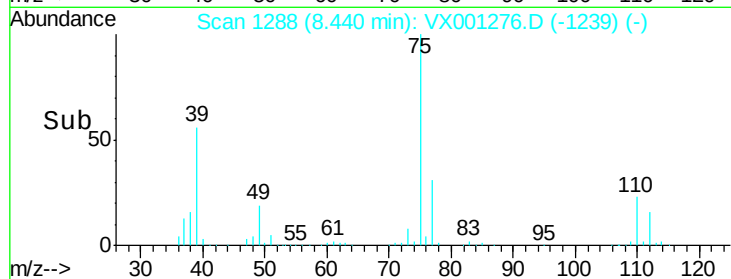
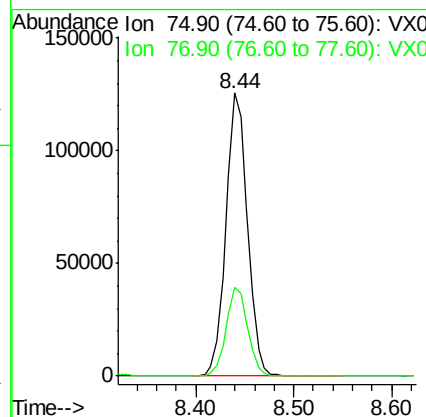
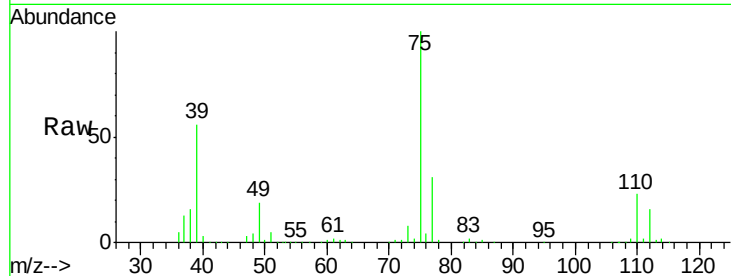
#53
 t-1,3-Dichloropropene
 Concen: 53.79 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Tot Ion: 75 Resp: 191650
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4

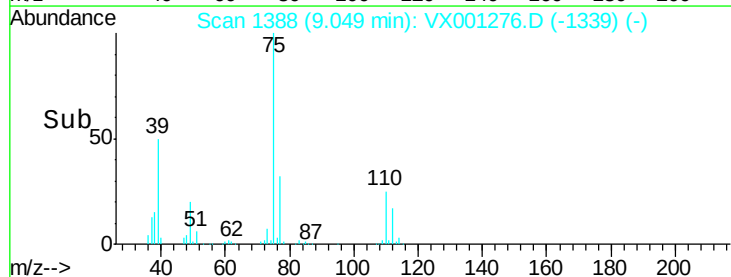
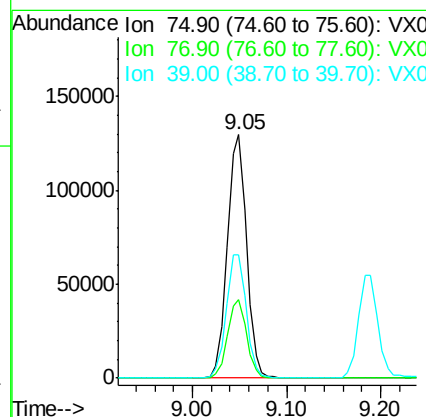
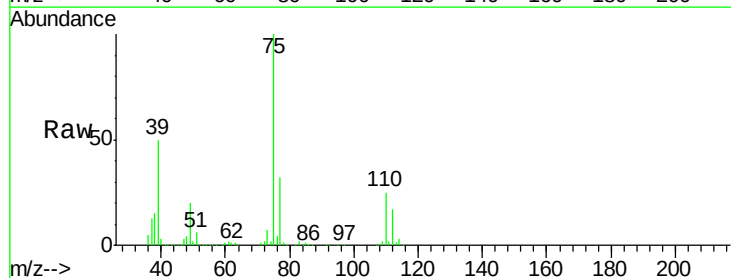
Manual Integrations
 APPROVED

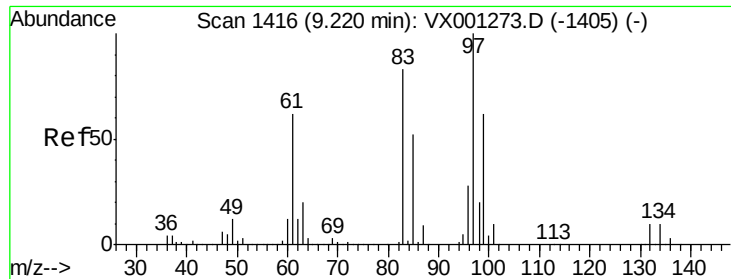
MMDadoda
 5/2/2018 4:20:54 PM



#54
 cis-1,3-Dichloropropene
 Concen: 55.88 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion: 75 Resp: 183188
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3
 39 50.3 41.9 62.9





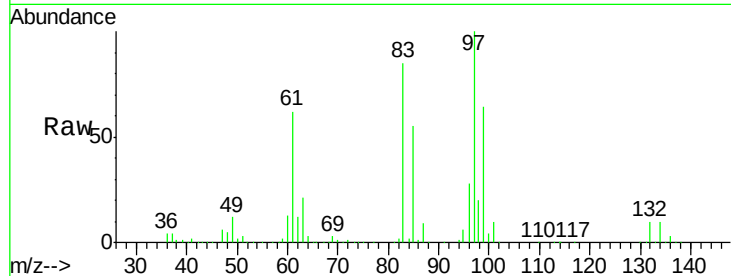
#55
 1,1,2-Trichloroethane
 Concen: 50.42 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX050118

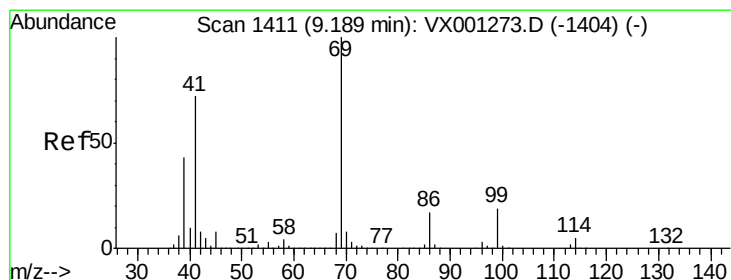
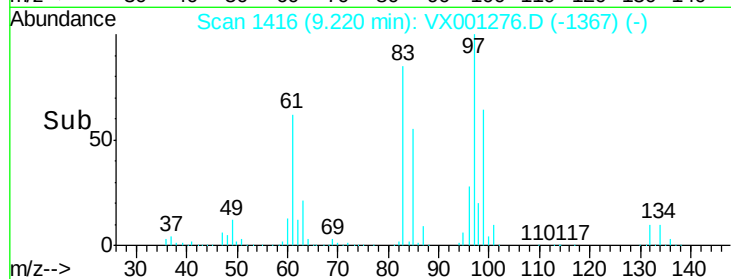
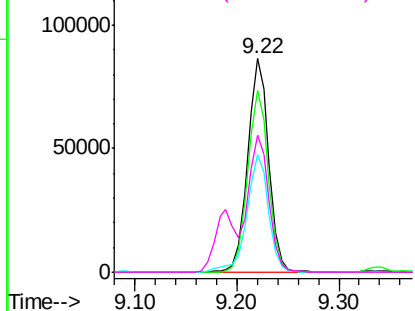
Tot Ion	Ratio	Resp	Lower	Upper
97	100	123934		
83	84.9	66.4	99.6	
85	55.1	41.6	62.4	
99	63.9	49.3	73.9	

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:54 PM

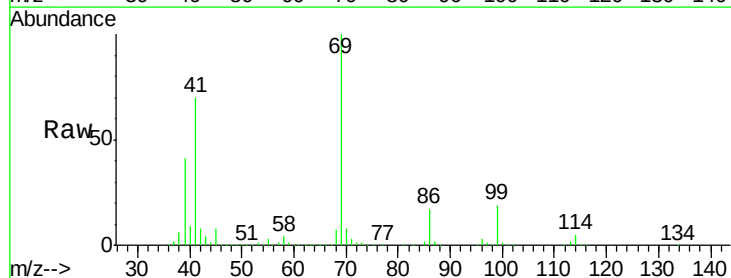


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

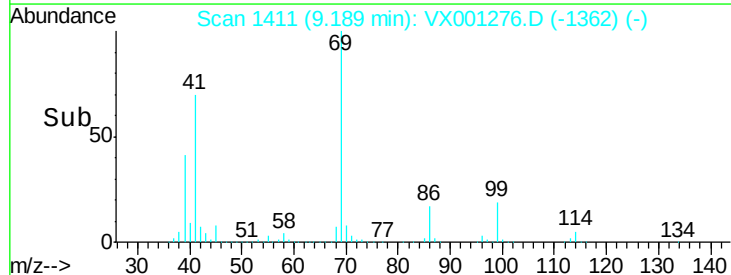
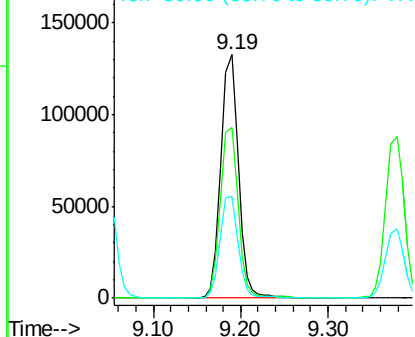


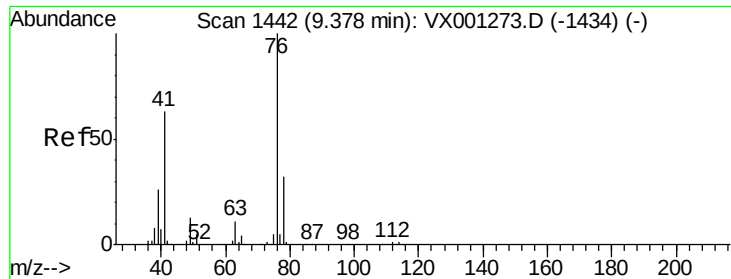
#56
 Ethyl methacrylate
 Concen: 54.64 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	186099		
41	70.9	57.2	85.8	
39	42.5	34.3	51.5	



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





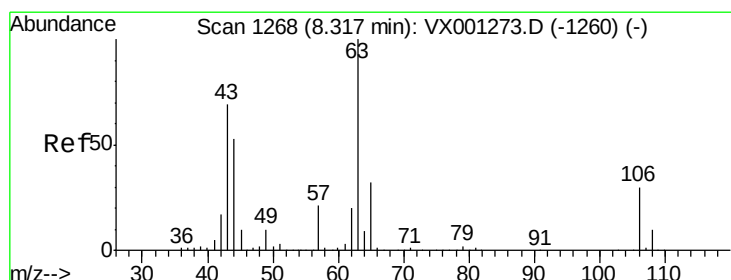
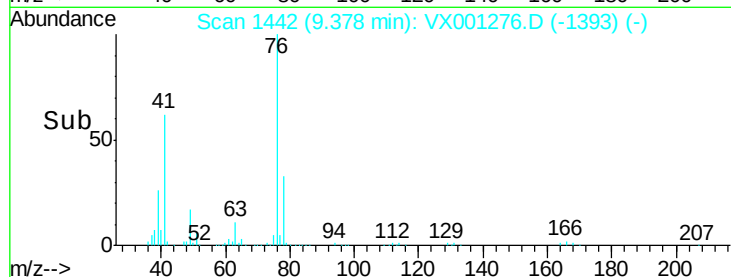
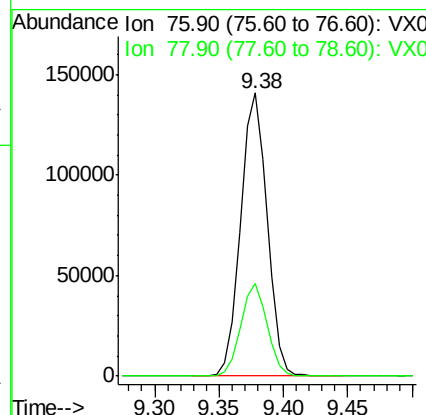
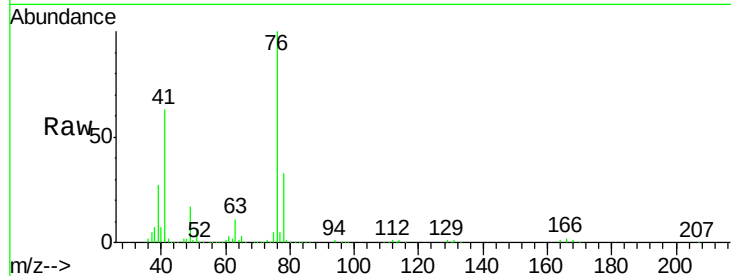
#57
 1,3-Dichloropropane
 Concen: 50.86 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.6	38.4

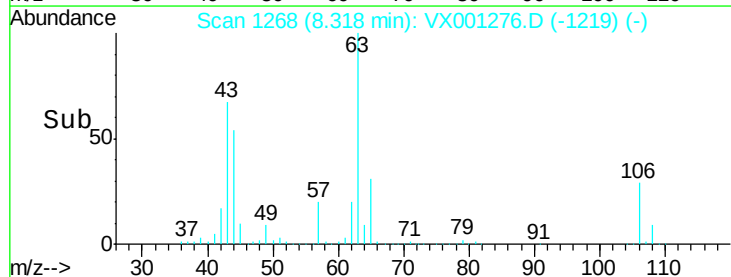
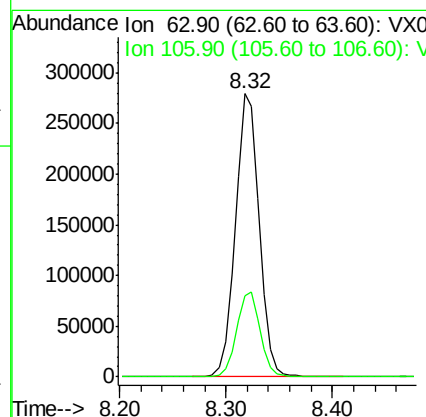
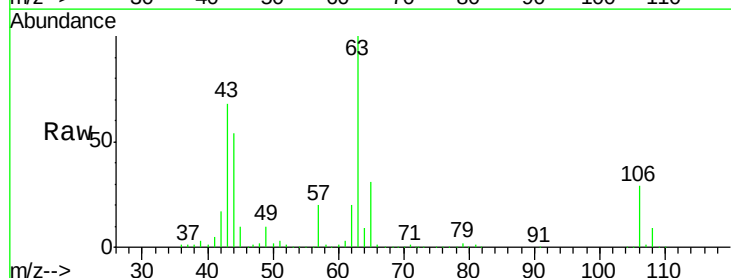
Manual Integrations
 APPROVED

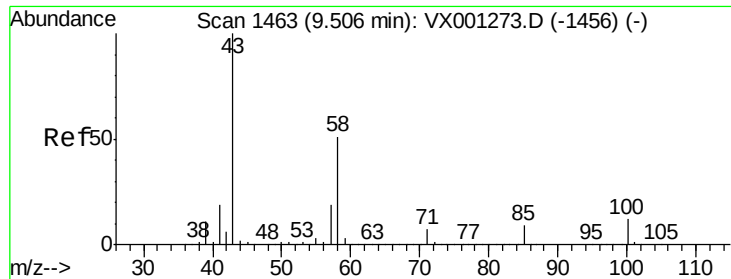
MMDadoda
 5/2/2018 4:20:54 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.13 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.9	23.8	35.6





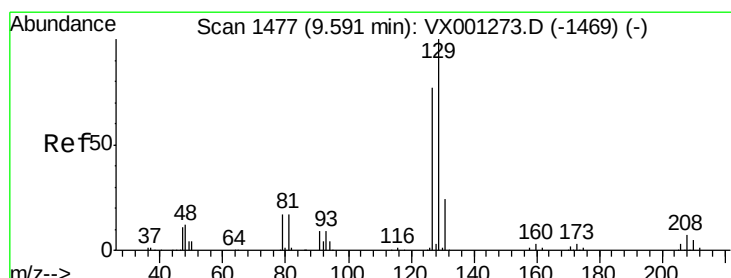
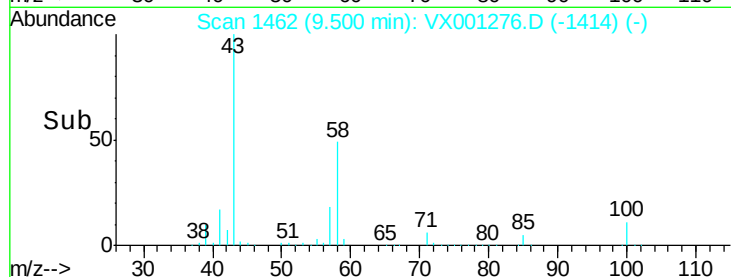
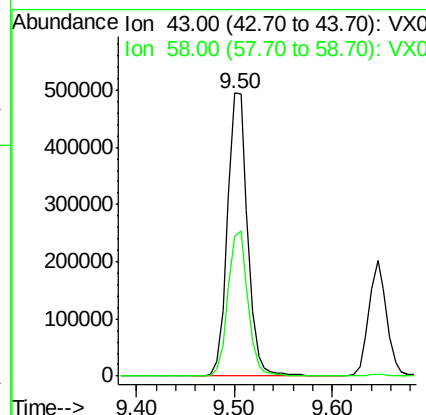
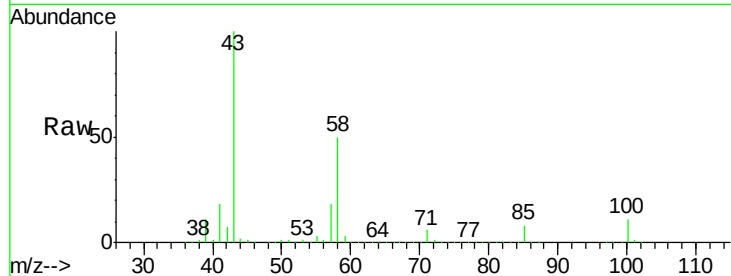
#59
2-Hexanone
Concen: 265.06 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion: 43 Resp: 706518
Ion Ratio Lower Upper
43 100
58 51.0 25.7 77.0

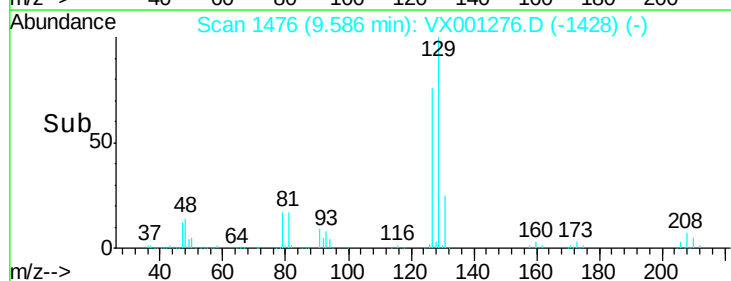
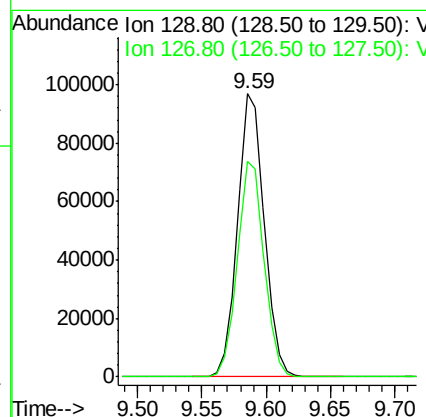
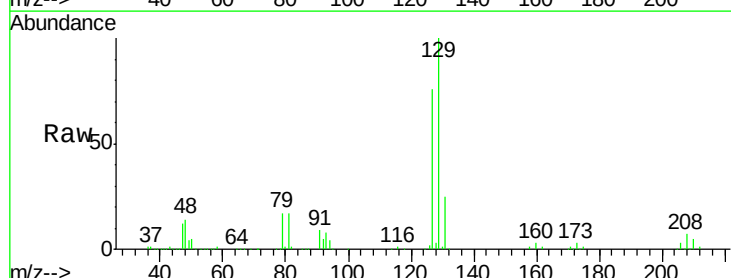
Manual Integrations
APPROVED

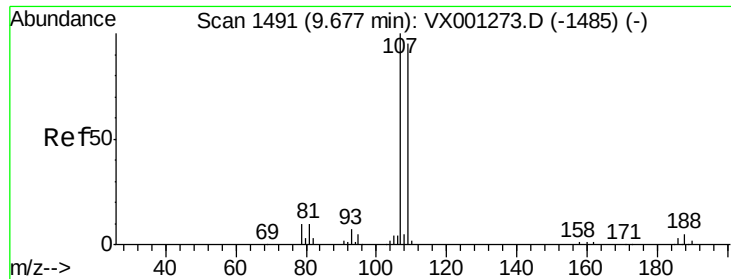
MMDadoda
5/2/2018 4:20:54 PM



#60
Dibromochloromethane
Concen: 54.58 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion: 129 Resp: 139938
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.3





#61

1,2-Dibromoethane

Concen: 51.41 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

Tot Ion:107 Resp: 133920

Ion Ratio Lower Upper

107 100

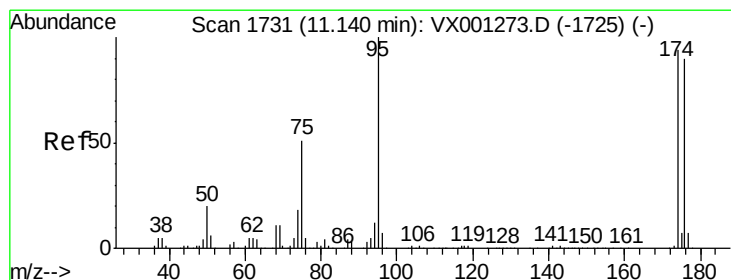
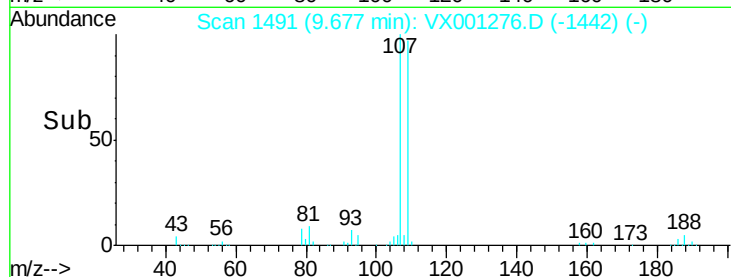
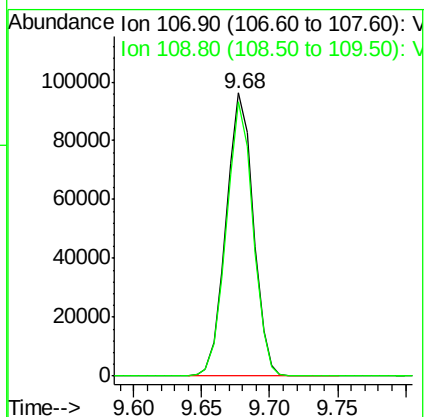
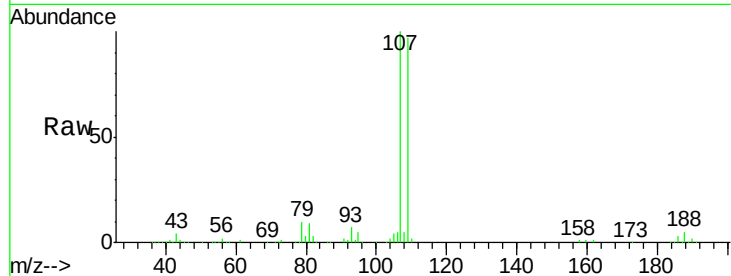
109 95.2 75.4 113.2

Manual Integrations

APPROVED

MMDadoda

5/2/2018 4:20:54 PM



#62

4-Bromofluorobenzene

Concen: 52.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

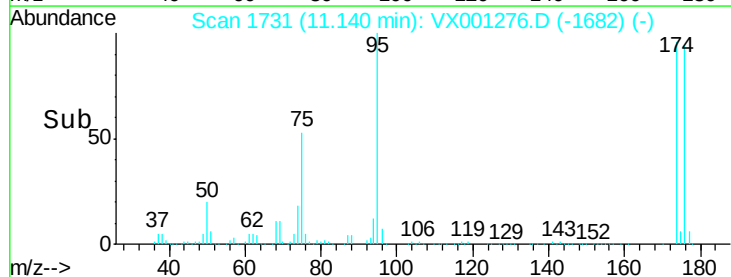
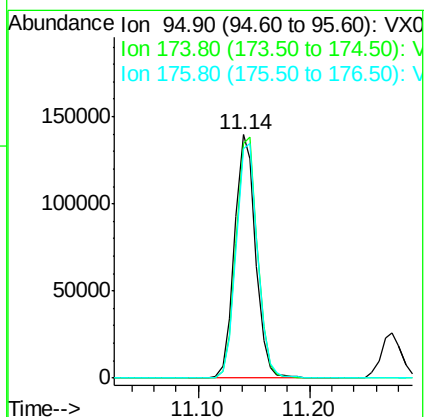
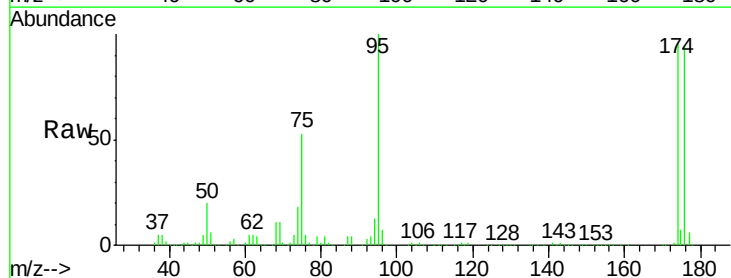
Tgt Ion: 95 Resp: 181804

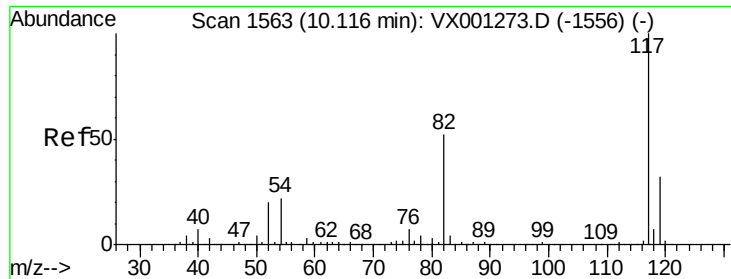
Ion Ratio Lower Upper

95 100

174 101.4 0.0 201.8

176 98.8 0.0 197.2





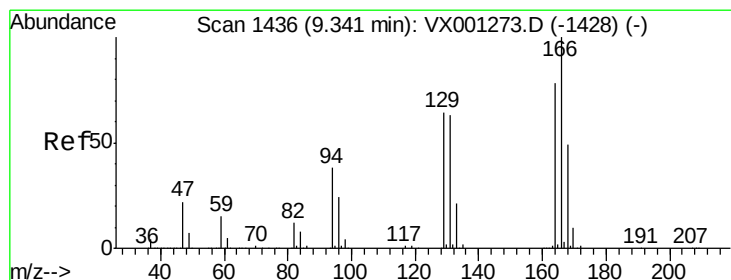
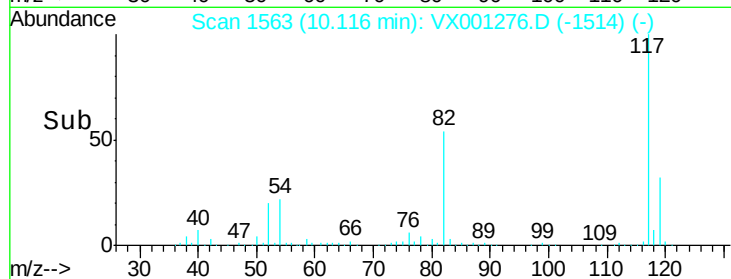
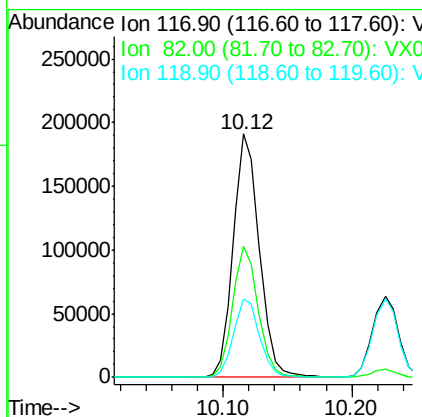
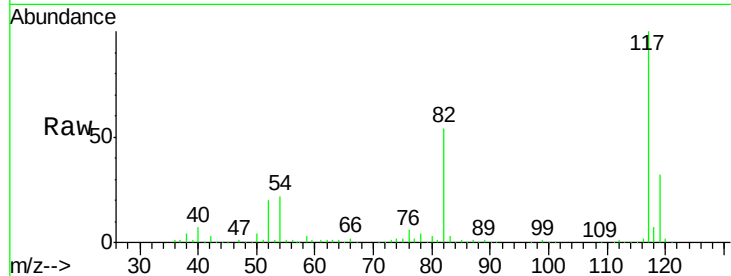
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.4	62.0
119	32.1	25.5	38.3

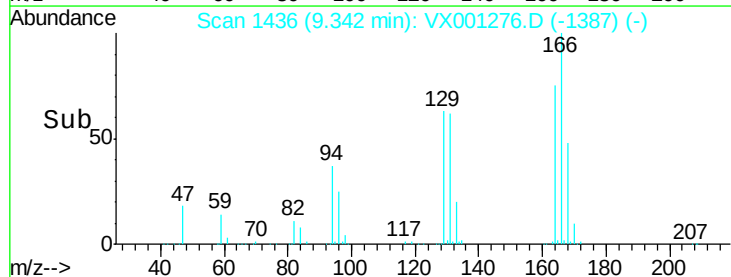
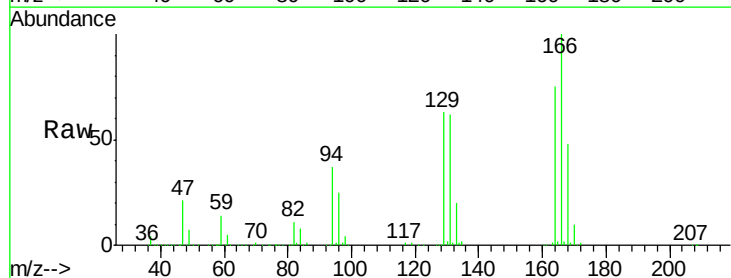
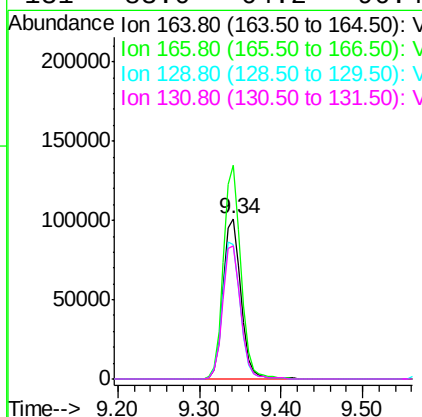
Manual Integrations
APPROVED

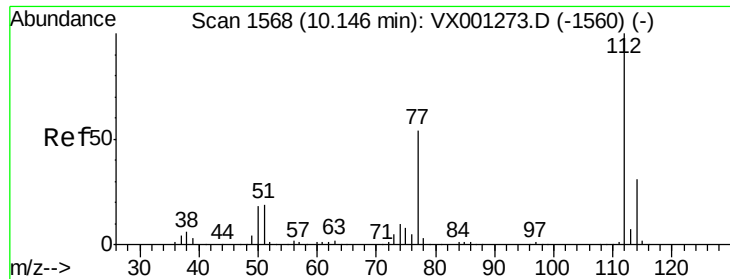
MMDadoda
5/2/2018 4:20:54 PM



#64
Tetrachloroethene
Concen: 47.75 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.0	102.3	153.5
129	83.4	65.1	97.7
131	83.0	64.2	96.4





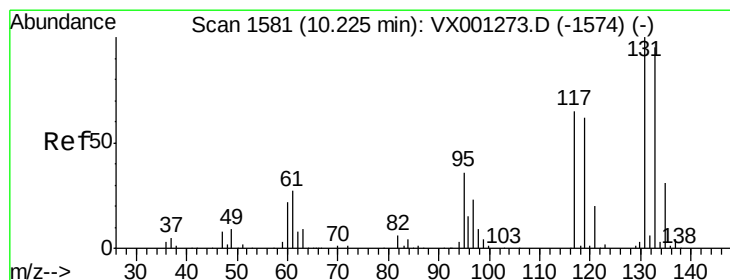
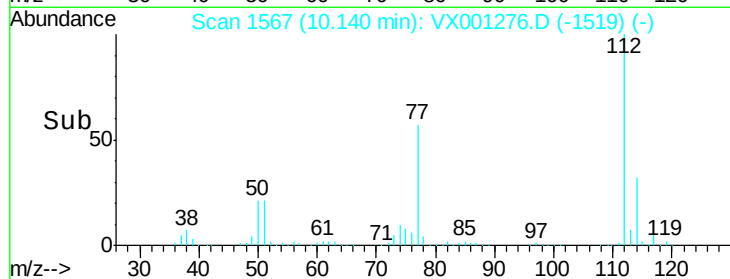
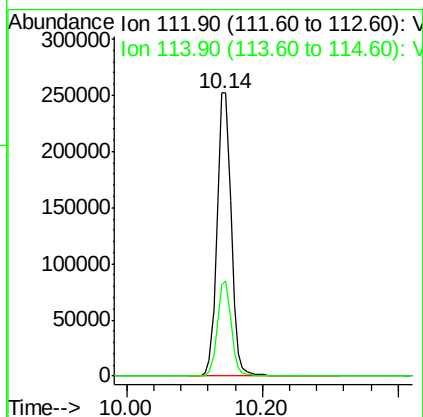
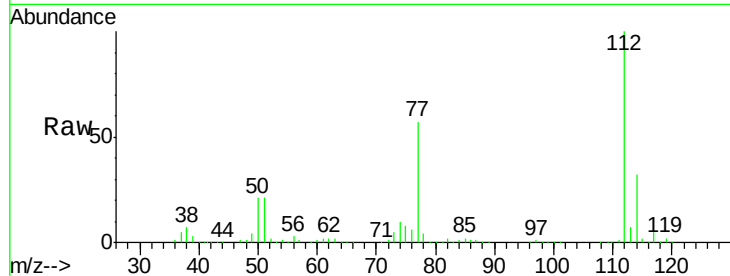
#65
Chlorobenzene
Concen: 49.61 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion:112 Resp: 364986
Ion Ratio Lower Upper
112 100
114 32.2 24.8 37.2

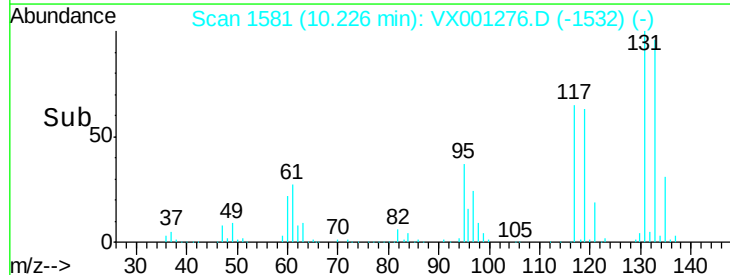
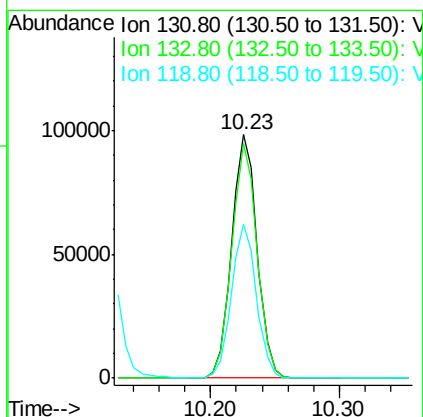
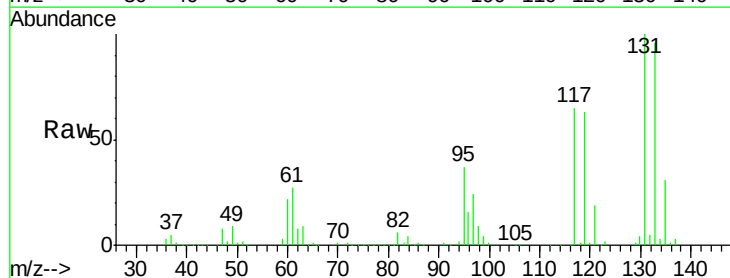
Manual Integrations
APPROVED

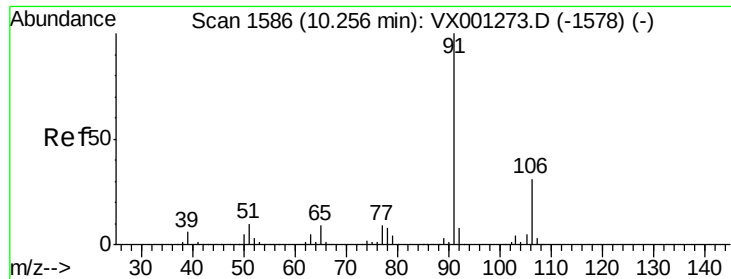
MMDadoda
5/2/2018 4:20:54 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.91 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion:131 Resp: 135125
Ion Ratio Lower Upper
131 100
133 96.0 48.3 144.9
119 62.3 31.2 93.6





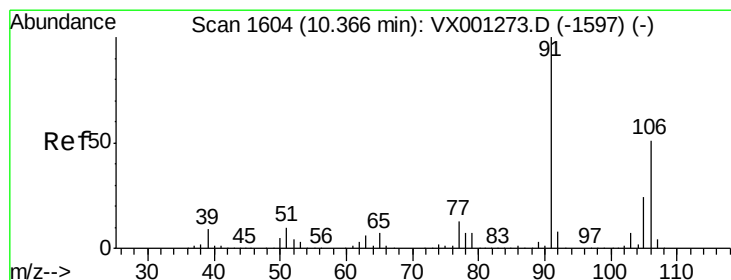
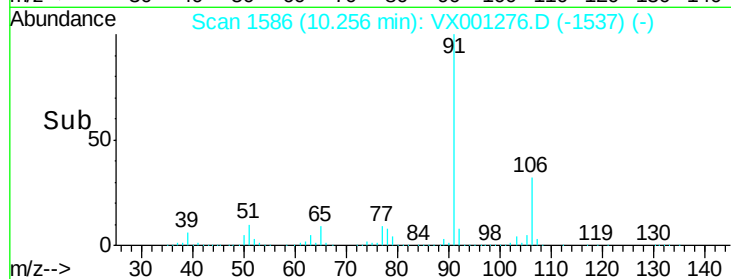
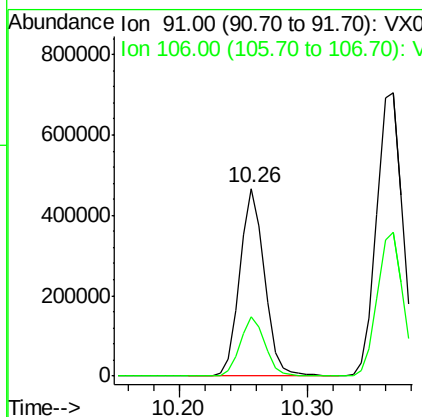
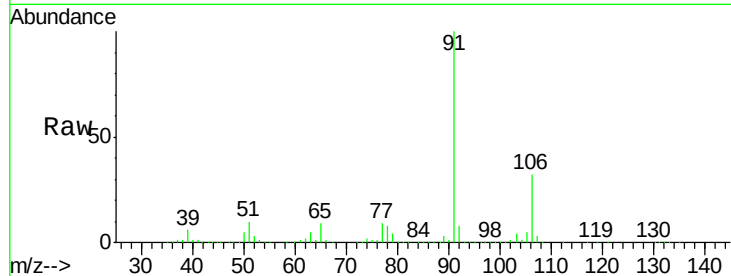
#67
Ethyl Benzene
Concen: 51.20 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion: 91 Resp: 620762
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

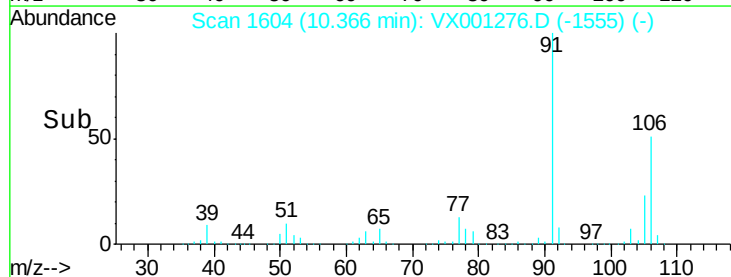
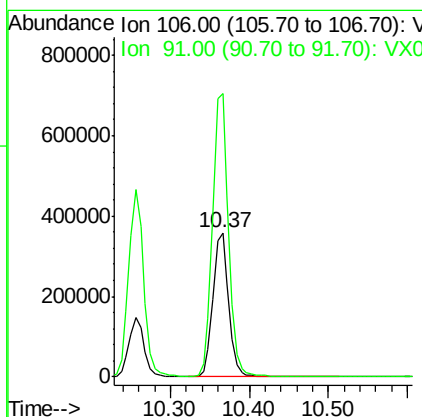
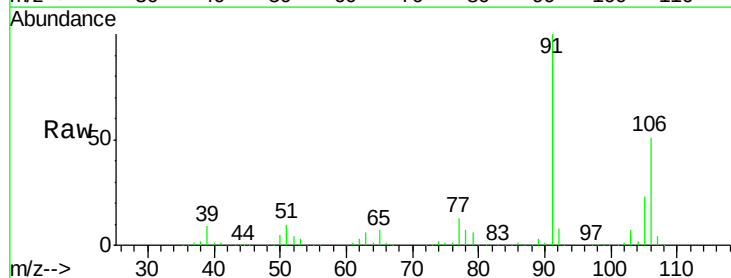
Manual Integrations
APPROVED

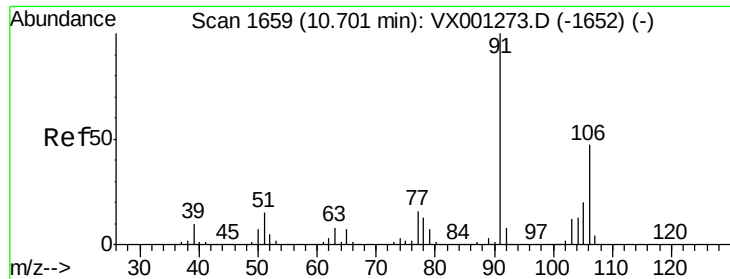
MMDadoda
5/2/2018 4:20:54 PM



#68
m/p-Xylenes
Concen: 104.65 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion: 106 Resp: 499214
Ion Ratio Lower Upper
106 100
91 200.4 159.4 239.2





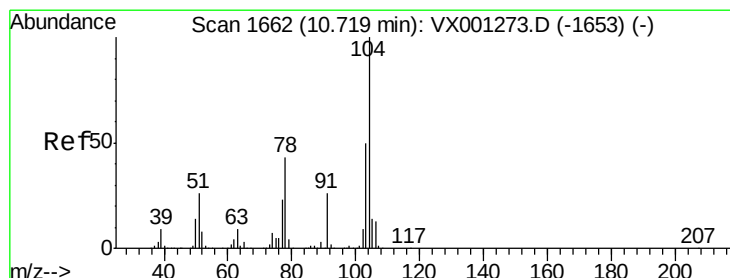
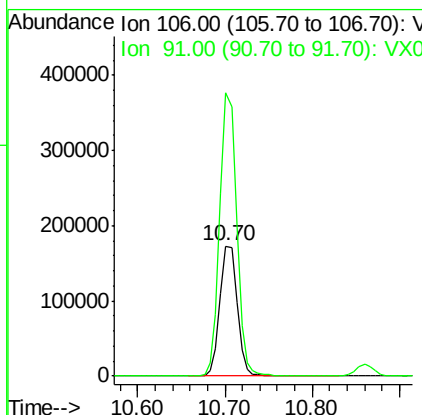
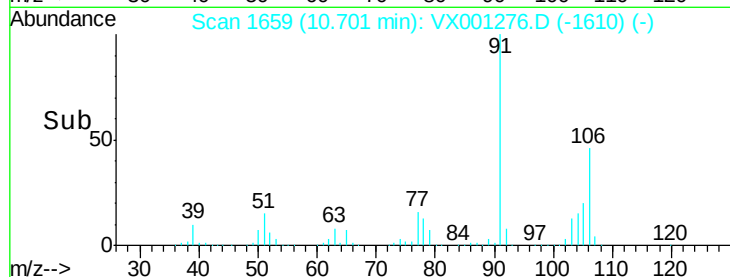
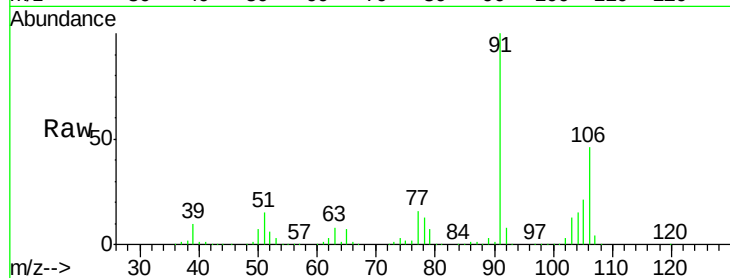
#69
o-Xylene
Concen: 51.62 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		238820		
91	212.0	106.3	319.0		

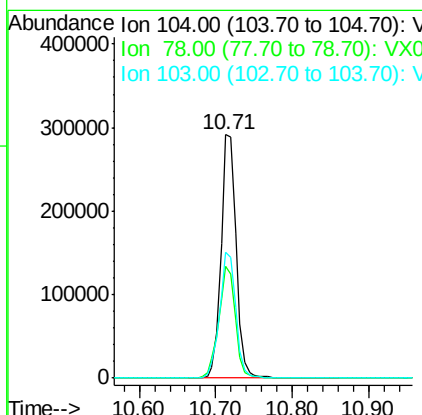
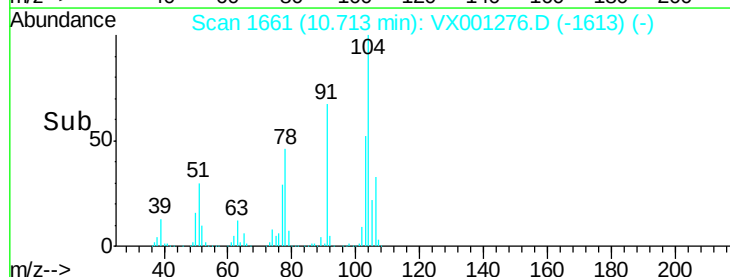
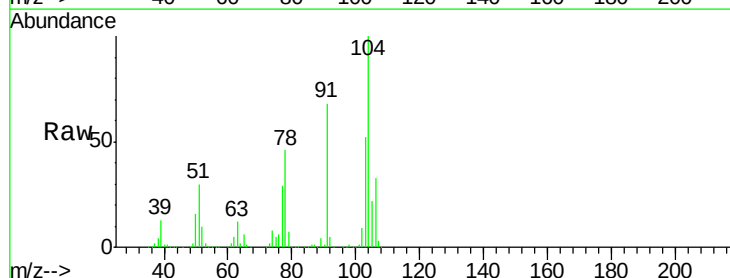
Manual Integrations
APPROVED

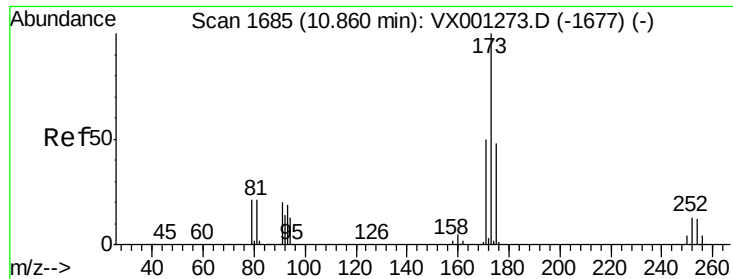
MMDadoda
5/2/2018 4:20:54 PM



#70
Styrene
Concen: 52.77 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		399272		
78	50.1	40.1	60.1		
103	55.5	44.5	66.7		





#71

Bromoform

Concen: 47.67 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

Tot Ion:173 Resp: 117098

Ion Ratio Lower Upper

173 100

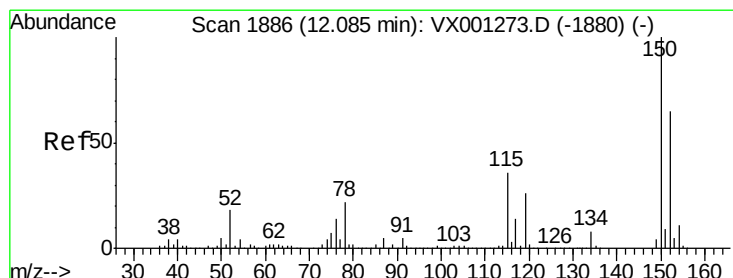
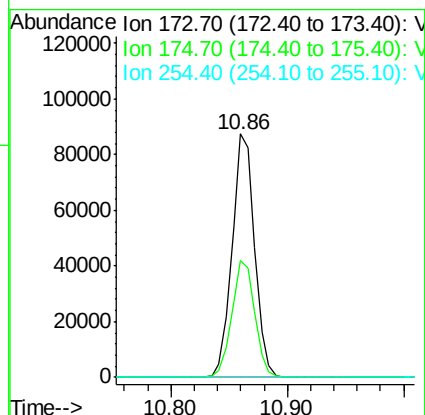
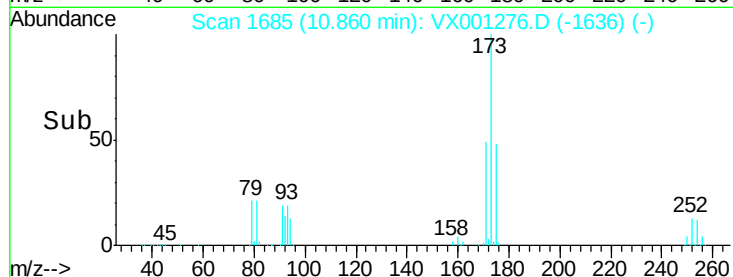
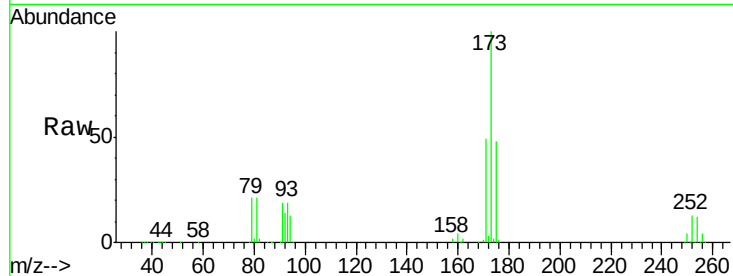
175 48.7 24.6 74.0

254 0.2 0.2 0.2

Manual Integrations
APPROVED

MMDadoda

5/2/2018 4:20:54 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

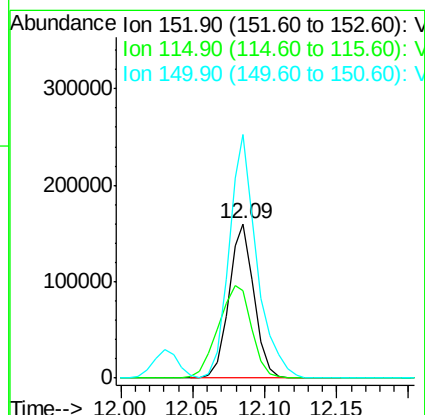
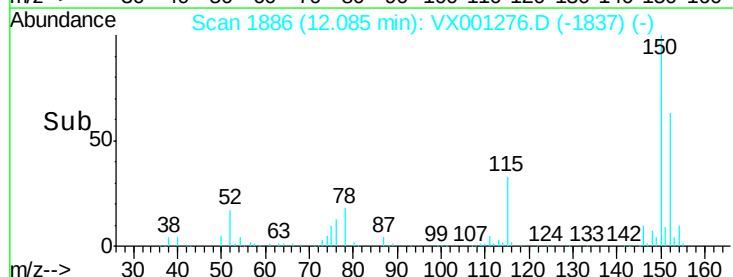
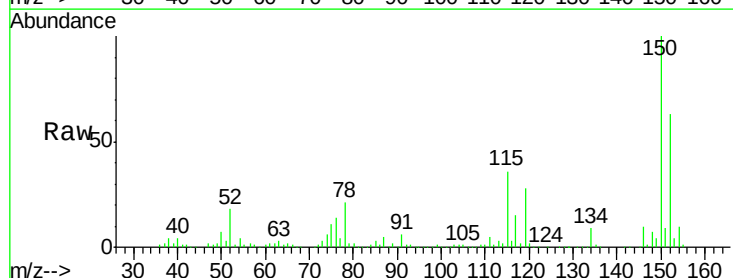
Tgt Ion:152 Resp: 195536

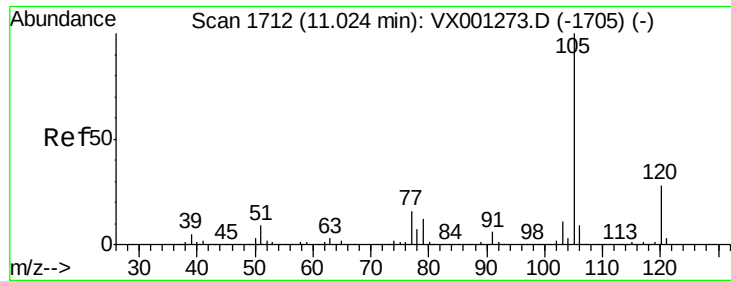
Ion Ratio Lower Upper

152 100

115 79.6 38.6 115.7

150 173.6 0.0 349.2





#73

Isopropylbenzene

Concen: 50.05 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

Tot Ion: 105 Resp: 654741

Ion Ratio Lower Upper

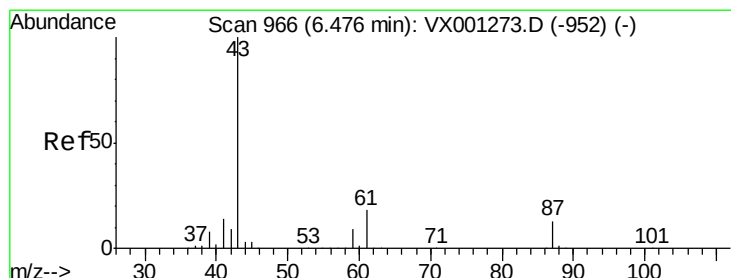
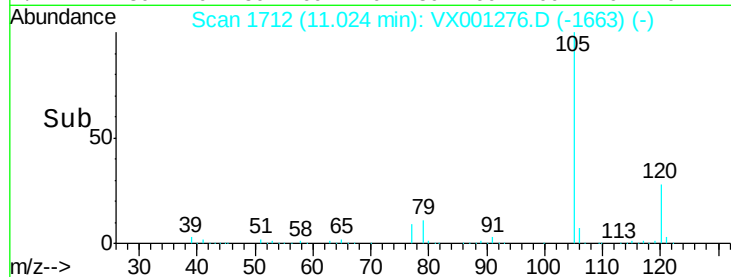
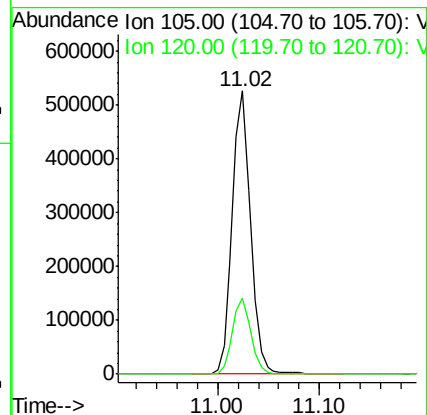
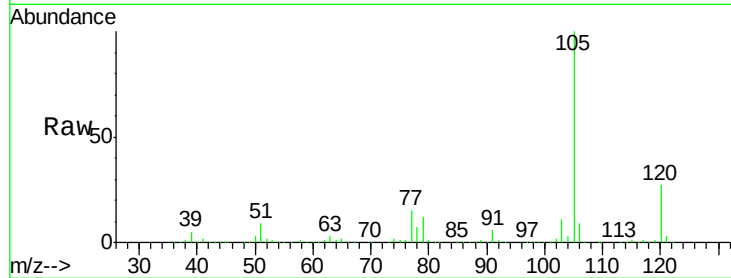
105 100

120 27.2 13.7 41.1

Manual Integrations
APPROVED

MMDadoda

5/2/2018 4:20:54 PM



#74

N-ethyl acetate

Concen: 49.63 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Tgt Ion: 43 Resp: 278496

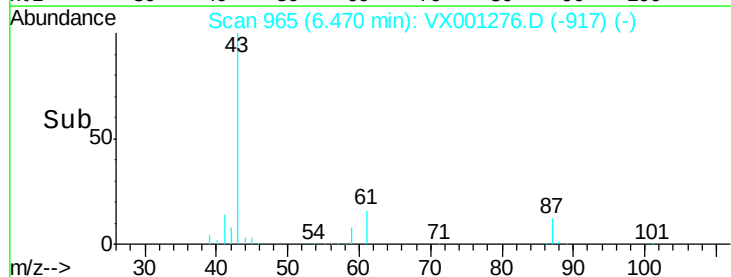
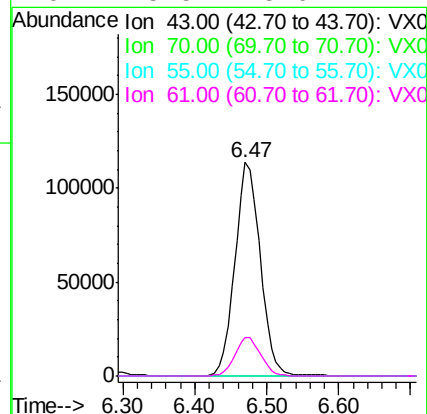
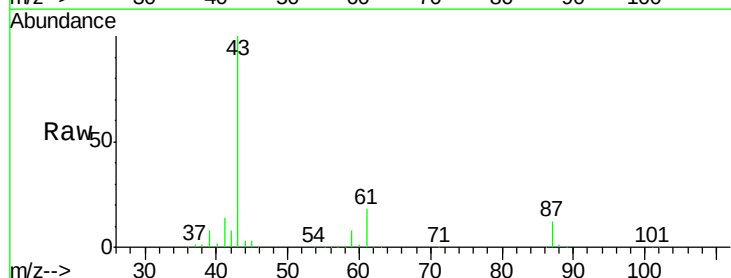
Ion Ratio Lower Upper

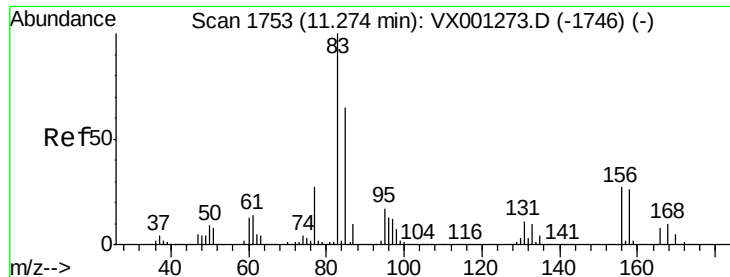
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.5 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.30 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

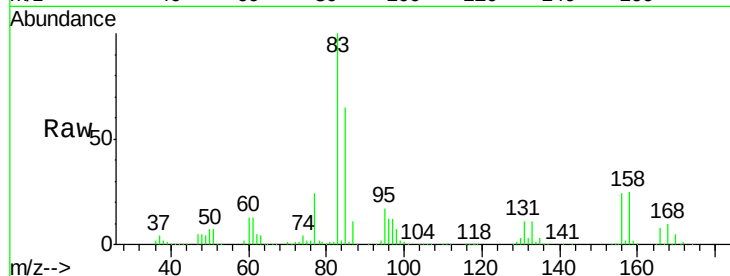
ClientSampleId :

ICVVX050118

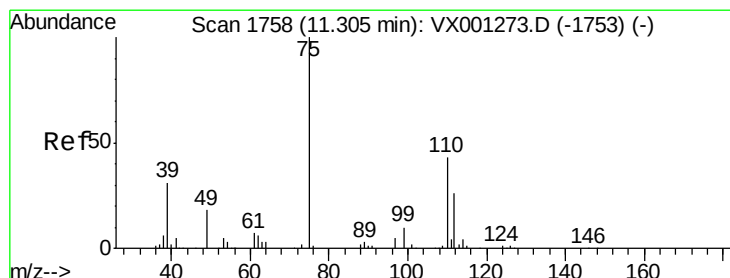
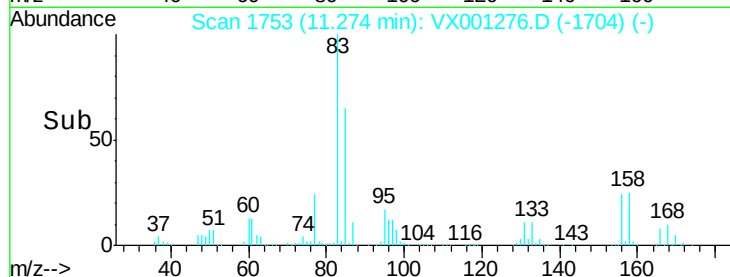
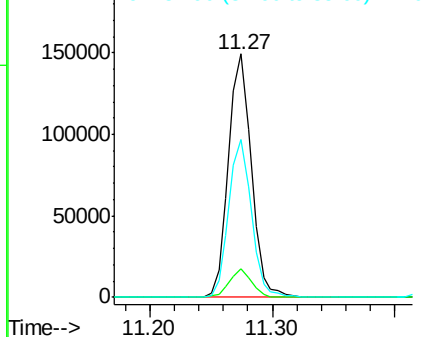
Tot Ion:	83	Resp:	193199
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.8	17.3
85	64.4	32.6	97.7

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:54 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.44 ug/l m

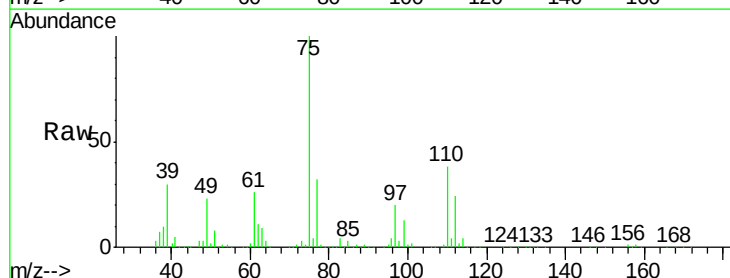
RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

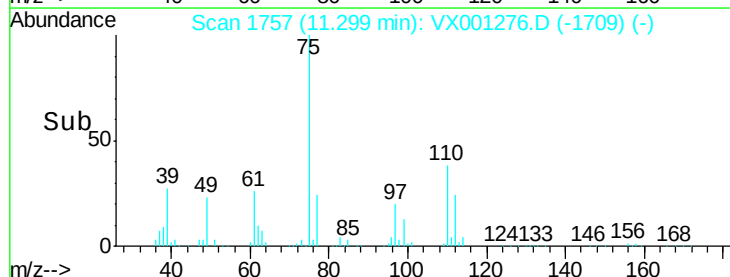
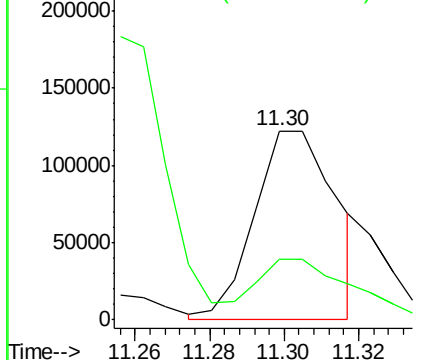
Lab File: VX001276.D

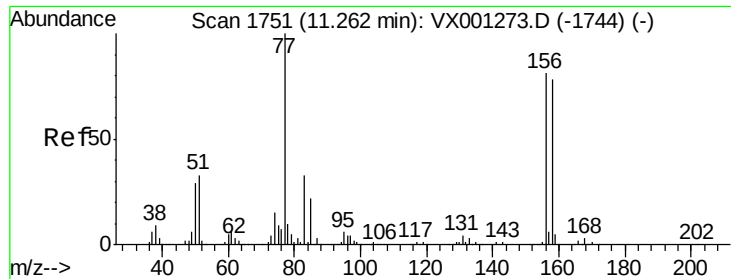
Acq: 01 May 2018 13:39

Tgt Ion:	75	Resp:	186009
Ion	Ratio	Lower	Upper
75	100		
77	36.6	18.9	56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.08 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

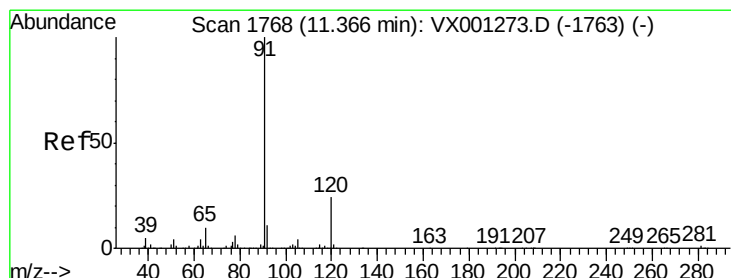
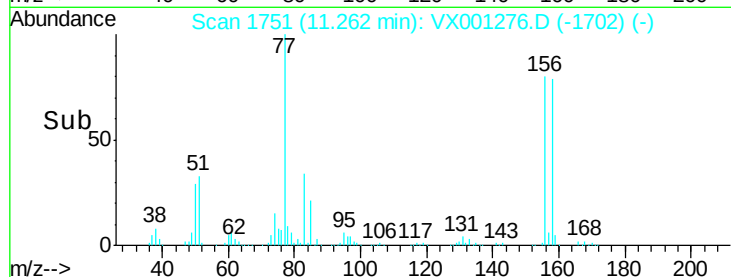
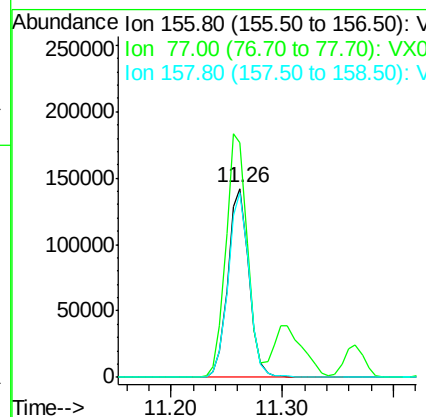
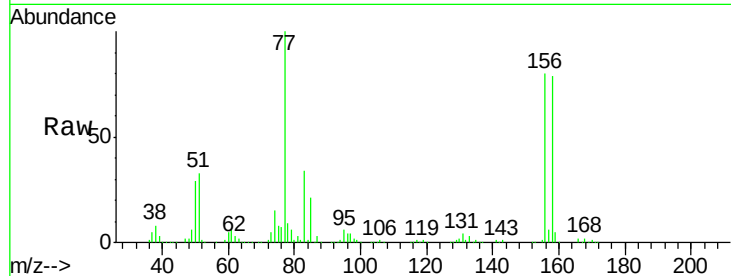
ClientSampleId :

ICVVX050118

Tot Ion:	156	Resp:	185197
Ion Ratio	Lower	Upper	
156	100		
77	131.0	65.3	195.8
158	97.7	48.5	145.5

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:54 PM



#78

n-propylbenzene

Concen: 51.83 ug/l

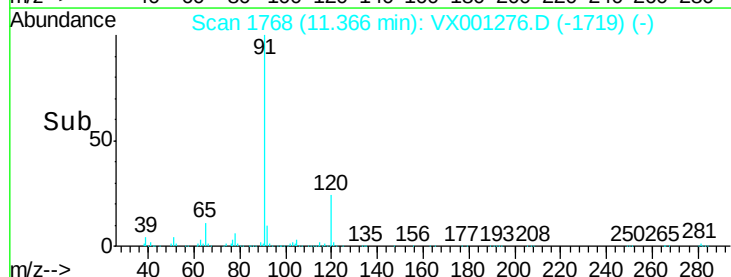
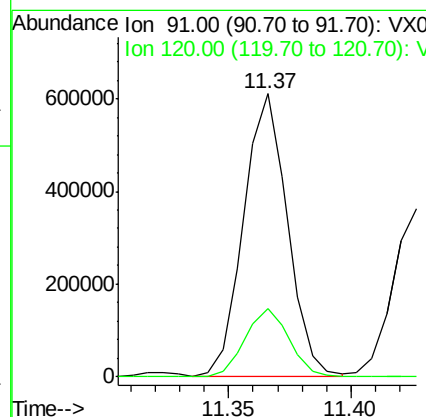
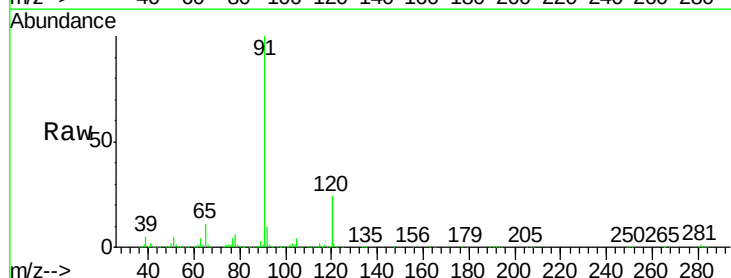
RT: 11.37 min Scan# 1768

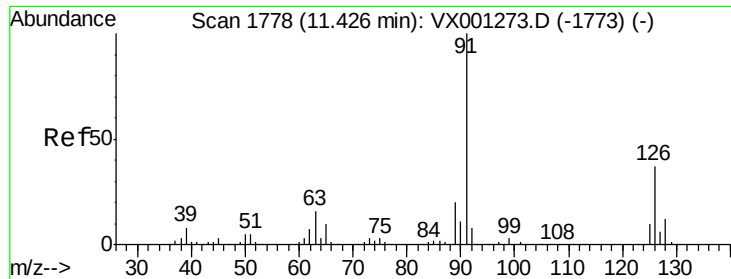
Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Tgt Ion:	91	Resp:	753467
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.3	36.8





#79

2-Chlorotoluene

Concen: 50.42 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

Tot Ion: 91 Resp: 442306

Ion Ratio Lower Upper

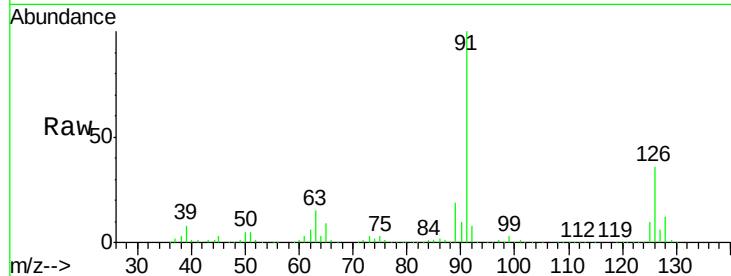
91 100

126 36.1 18.4 55.4

Manual Integrations
APPROVED

MMDadoda

5/2/2018 4:20:54 PM



Abundance Ion 91.00 (90.70 to 91.70): VX001273.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001273.D (-1773) (-)

600000

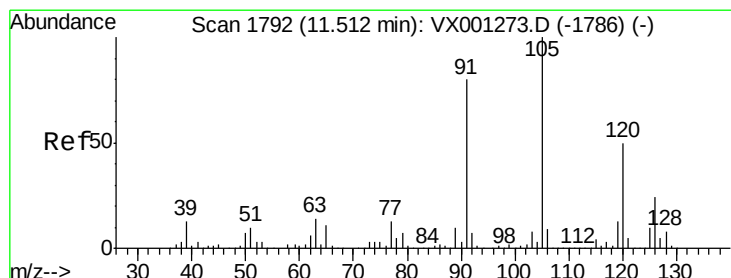
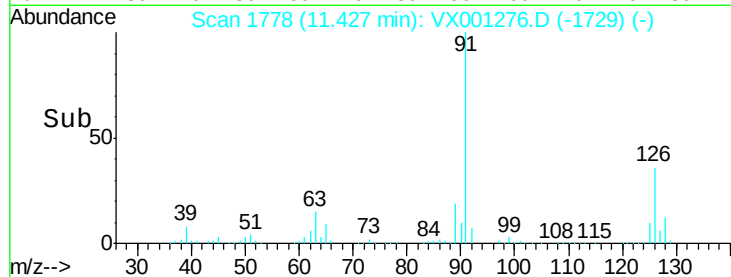
400000

200000

0

11.40 11.43 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.06 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001276.D

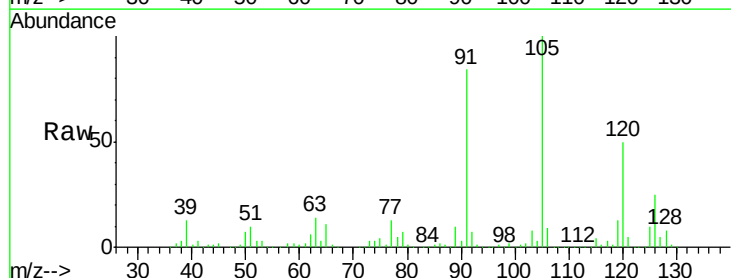
Acq: 01 May 2018 13:39

Tgt Ion: 105 Resp: 571971

Ion Ratio Lower Upper

105 100

120 49.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX001273.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001273.D (-1786) (-)

500000

400000

300000

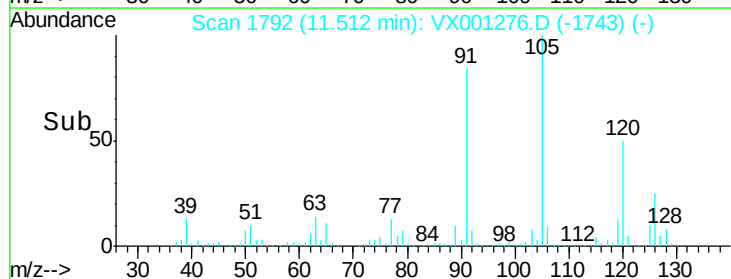
200000

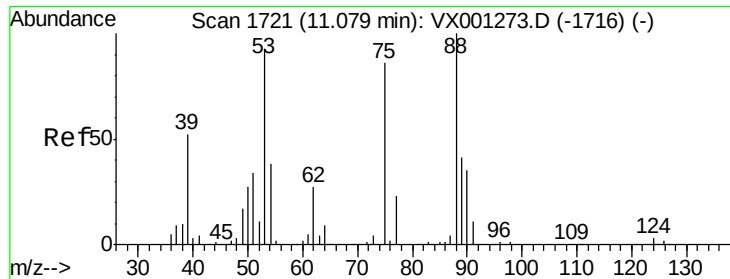
100000

0

11.50 11.51 11.52 11.53 11.54 11.55 11.56 11.57 11.58 11.59 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 47.35 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

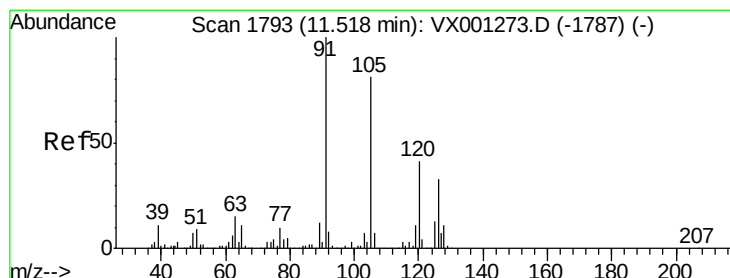
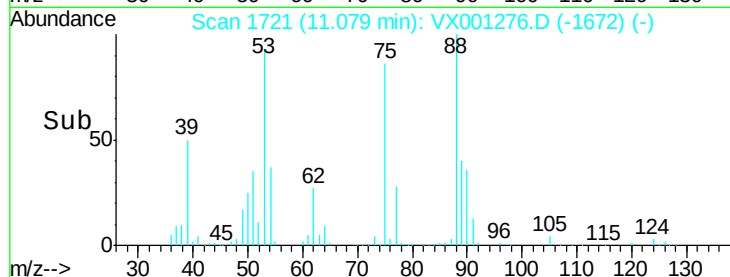
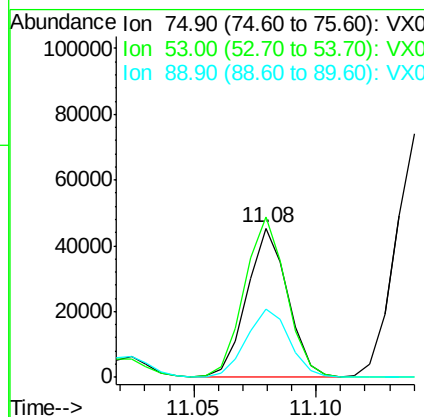
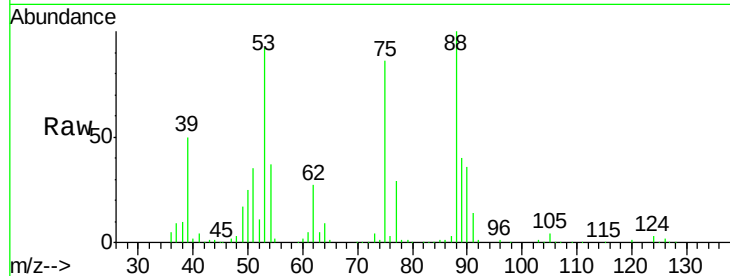
ClientSampleId :

ICVVX050118

Tot Ion:	75	Resp:	52345
Ion	Ratio	Lower	Upper
75	100		
53	110.8	87.1	130.7
89	48.9	38.9	58.3

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:54 PM



#82

4-Chlorotoluene

Concen: 50.89 ug/l

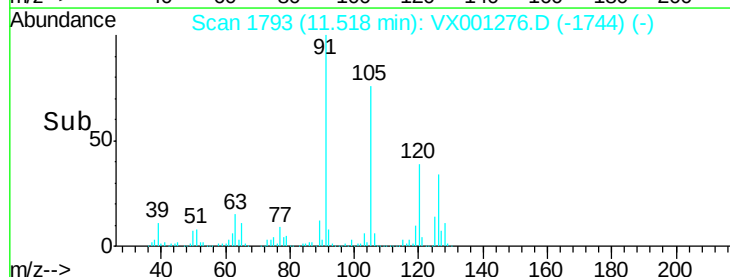
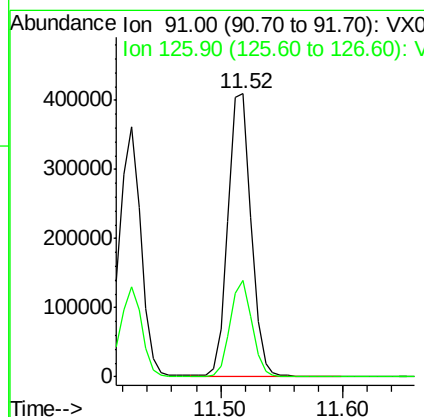
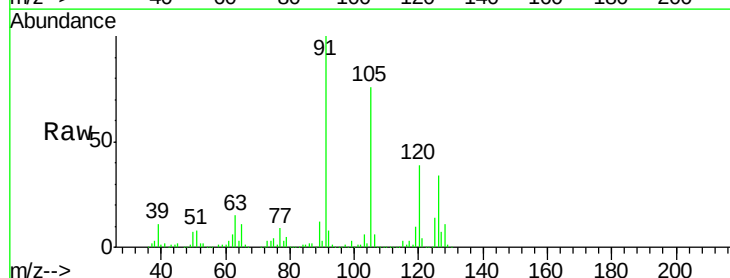
RT: 11.52 min Scan# 1793

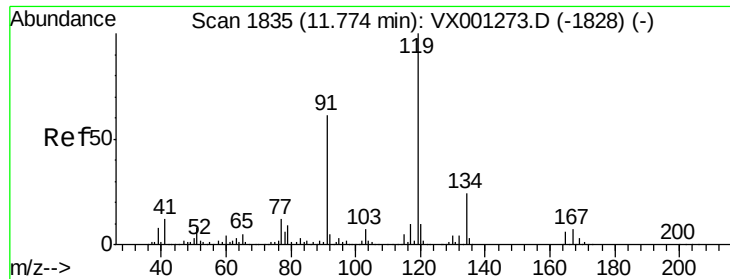
Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Tgt Ion:	91	Resp:	536912
Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.1	48.2





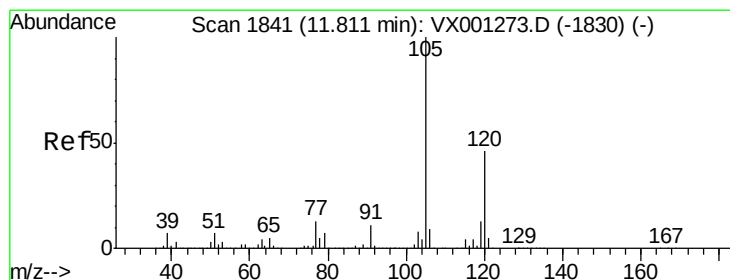
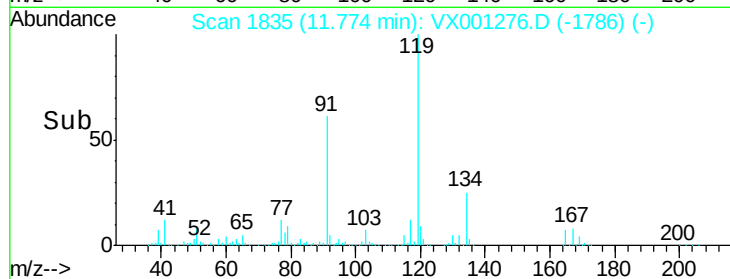
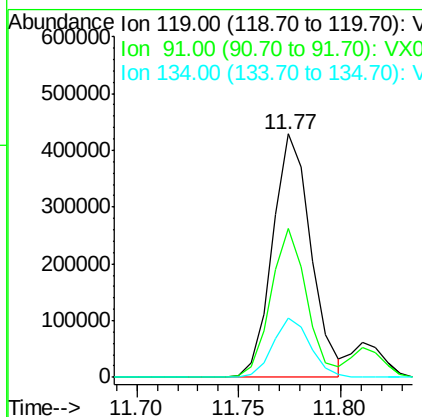
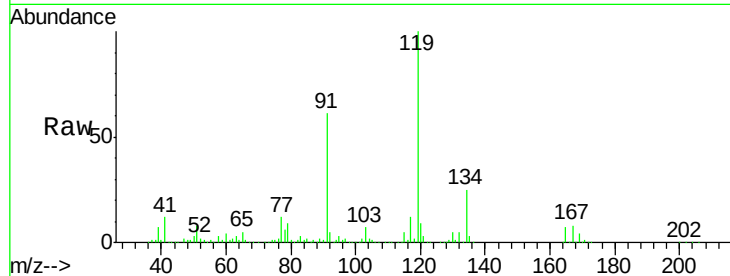
#83
 tert-Butylbenzene
 Concen: 51.30 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Tot Ion	Ratio	Resp	Lower	Upper
119	100	561974		
91	57.6	28.1	84.3	
134	23.8	11.8	35.3	

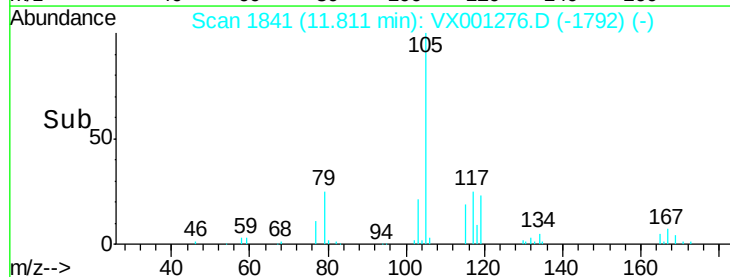
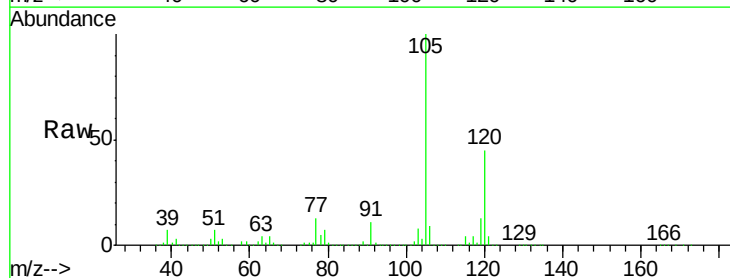
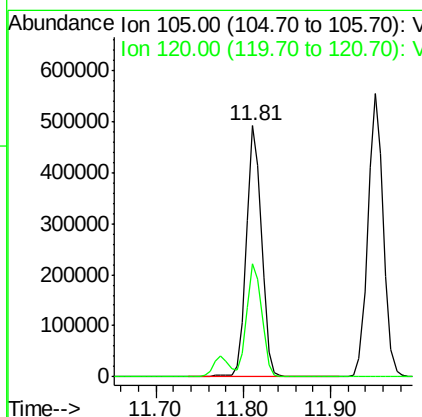
Manual Integrations
 APPROVED

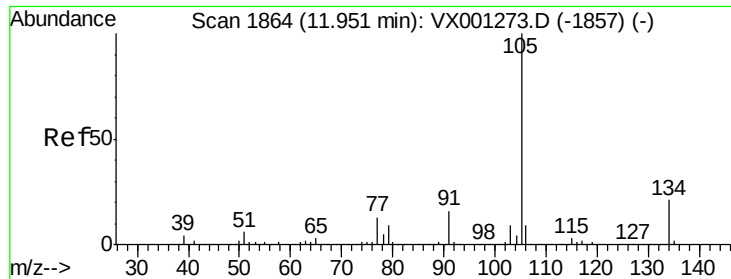
MMDadoda
 5/2/2018 4:20:54 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	586702		
120	45.0	22.7	68.1	





#85

sec-Butylbenzene

Concen: 52.49 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050118

Tot Ion:105 Resp: 687957

Ion Ratio Lower Upper

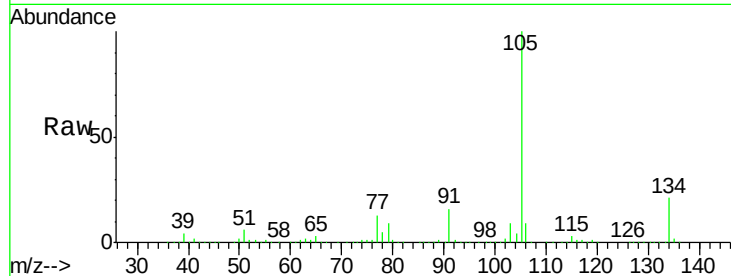
105 100

134 21.2 10.7 31.9

Manual Integrations
APPROVED

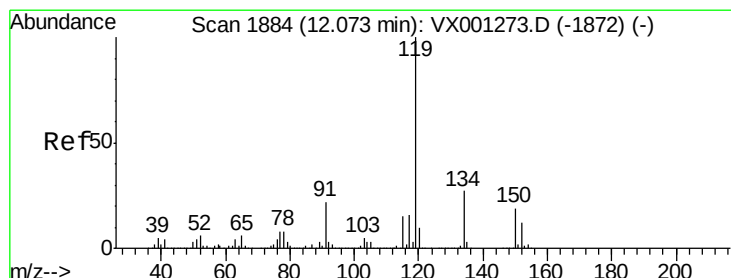
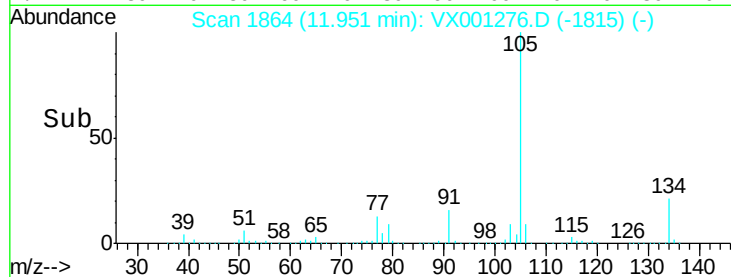
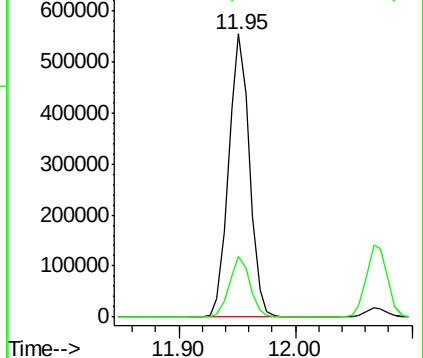
MMDadoda

5/2/2018 4:20:54 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.34 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001276.D

Acq: 01 May 2018 13:39

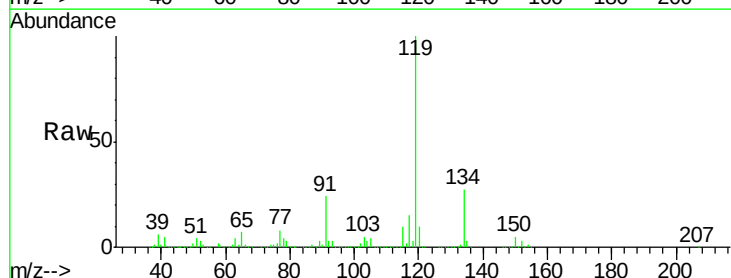
Tgt Ion:119 Resp: 641266

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

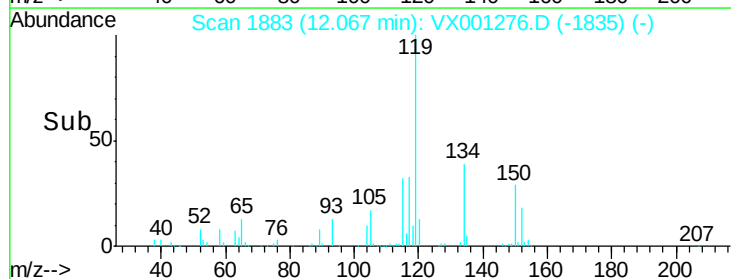
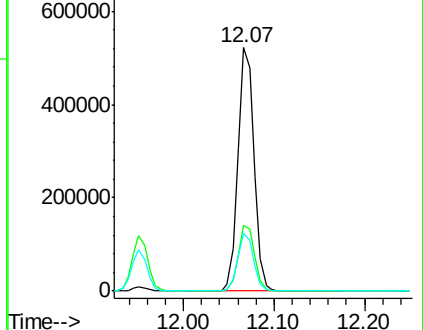
91 23.2 11.7 35.1

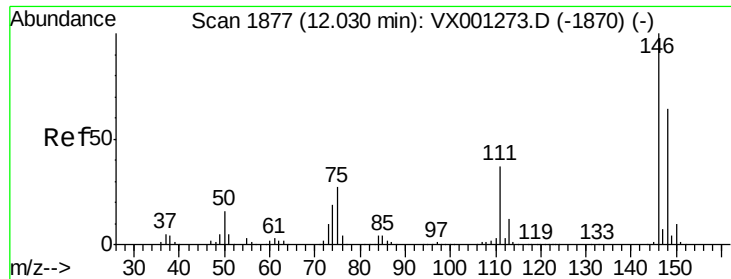


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





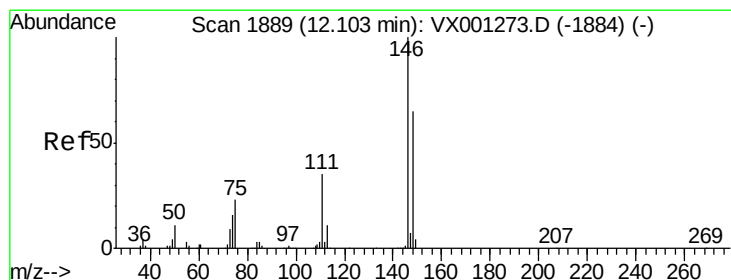
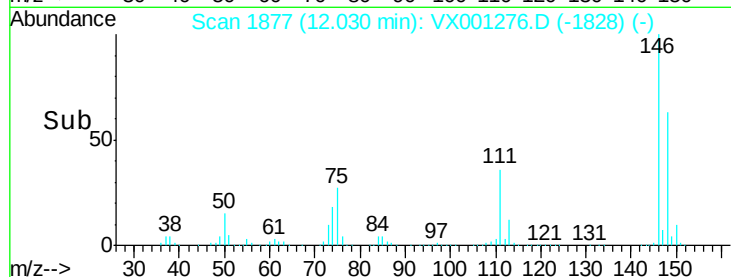
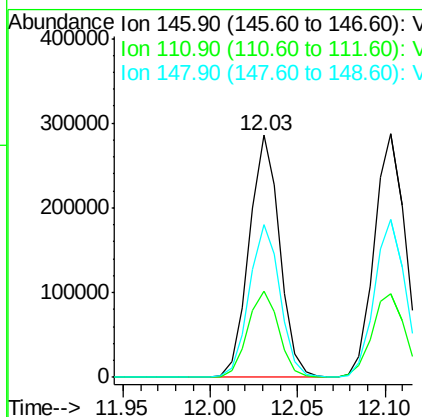
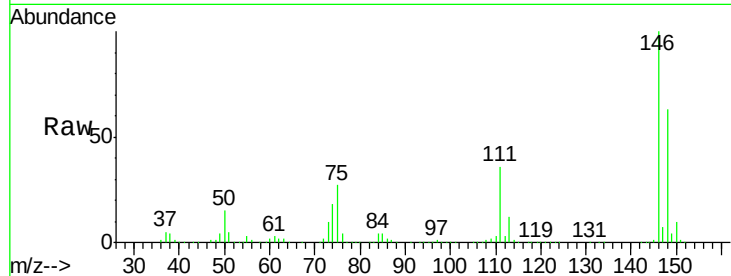
#87
 1,3-Dichlorobenzene
 Concen: 49.42 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.4	55.2
148	63.7	32.2	96.6

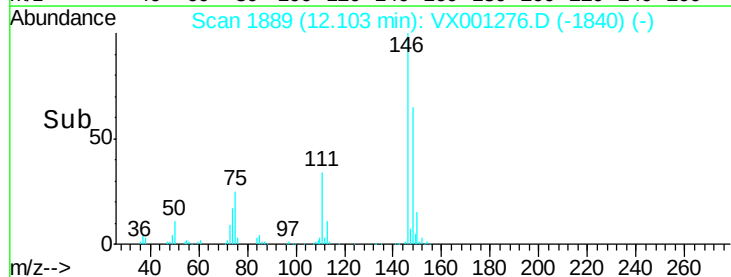
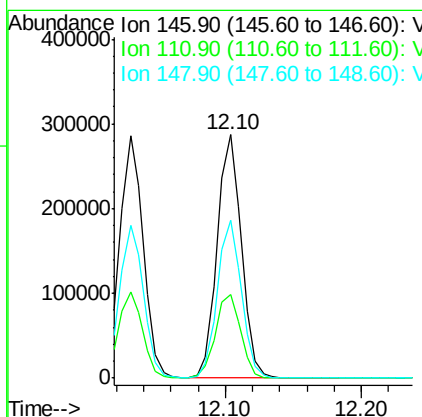
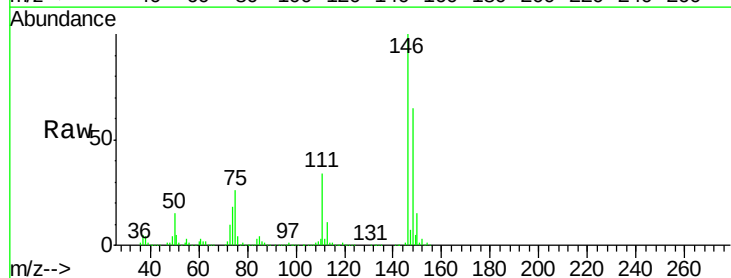
Manual Integrations
 APPROVED

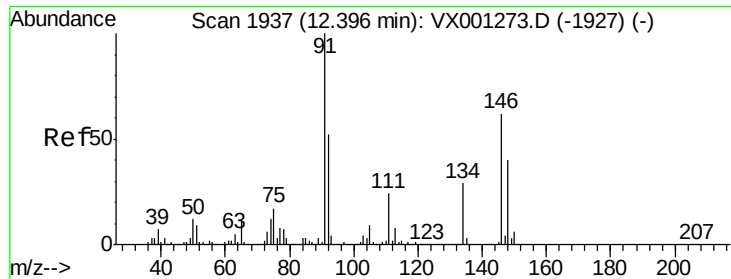
MMDadoda
 5/2/2018 4:20:54 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.85 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.9	53.7
148	64.5	32.3	96.8





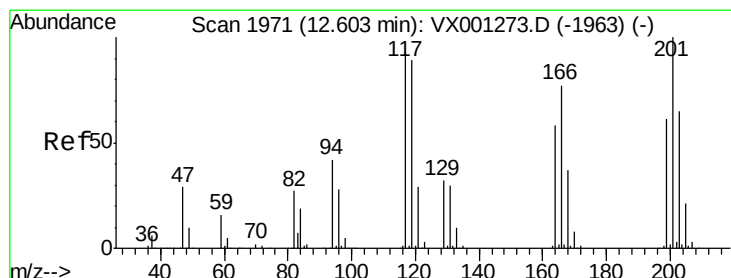
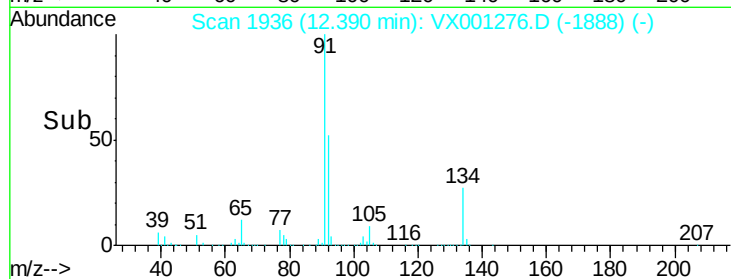
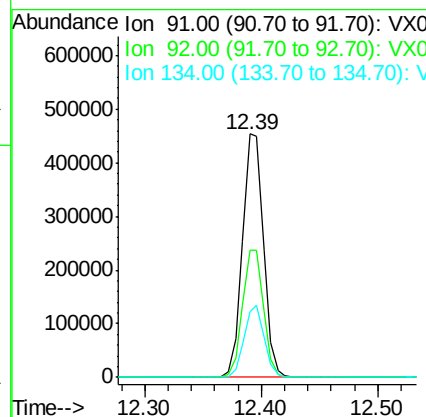
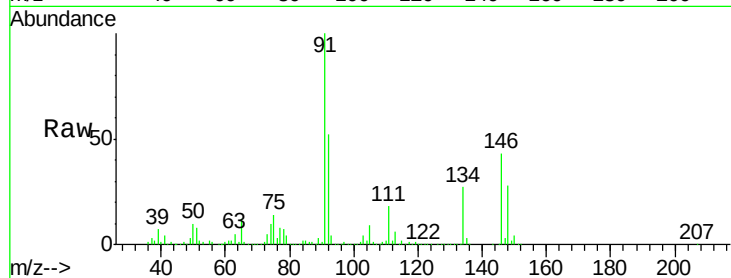
#89
n-Butylbenzene
Concen: 54.38 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.5
134	28.3	14.0	42.0

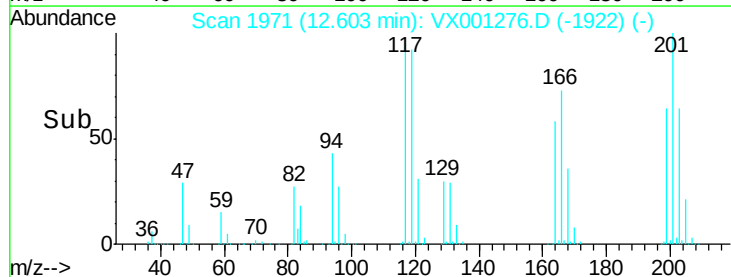
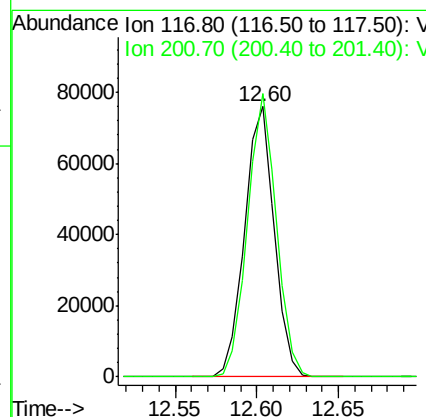
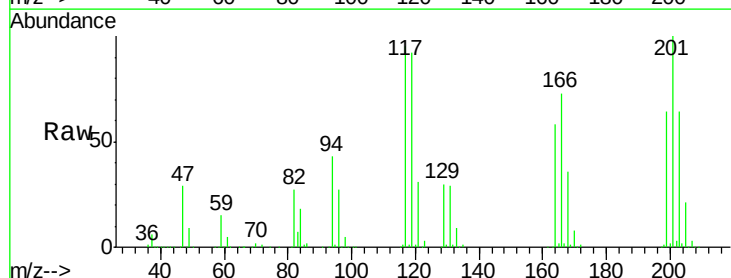
Manual Integrations
APPROVED

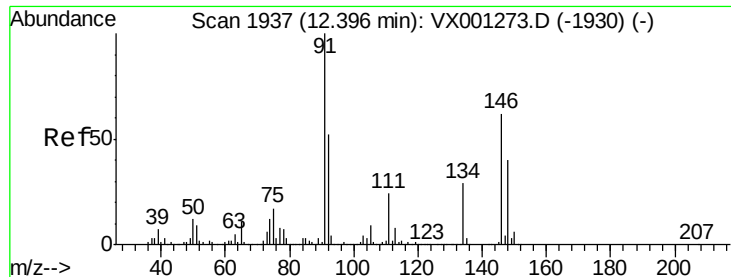
MMDadoda
5/2/2018 4:20:54 PM



#90
Hexachloroethane
Concen: 55.11 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.2	51.6	154.8





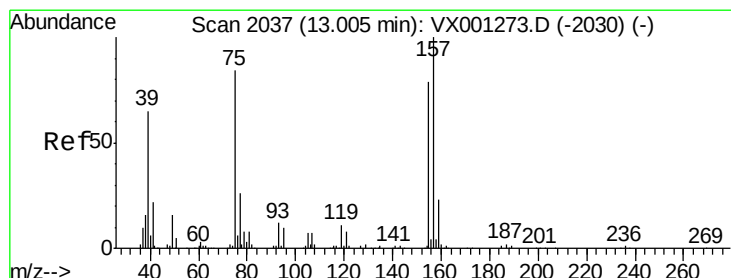
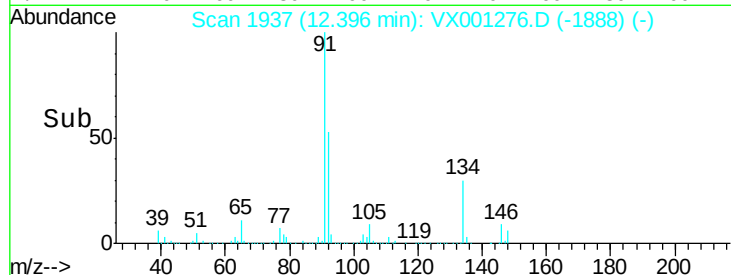
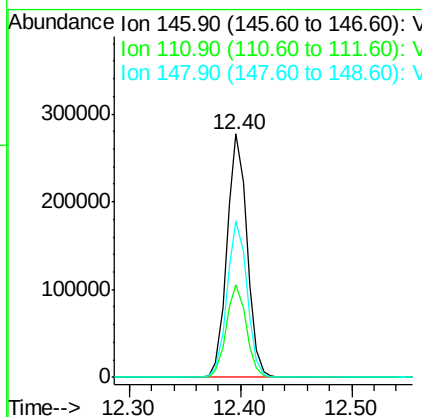
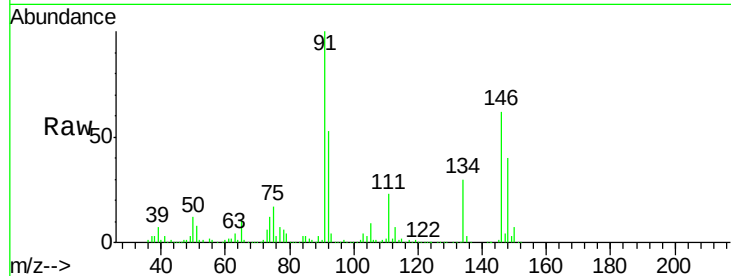
#91
 1,2-Dichlorobenzene
 Concen: 49.02 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Tot Ion	Ratio	Resp	Lower	Upper
146	100	343676		
111	37.7	18.9	56.5	
148	64.1	32.4	97.0	

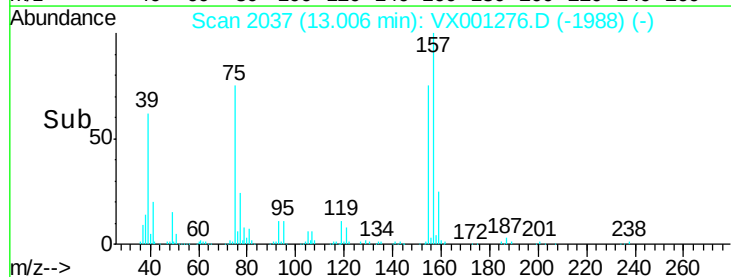
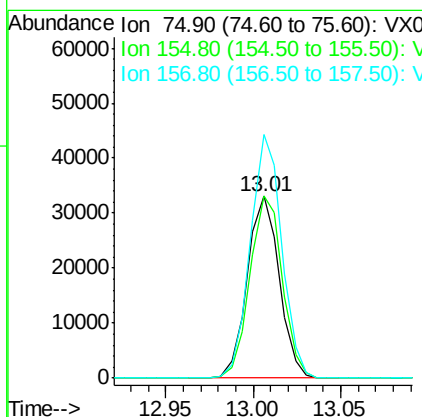
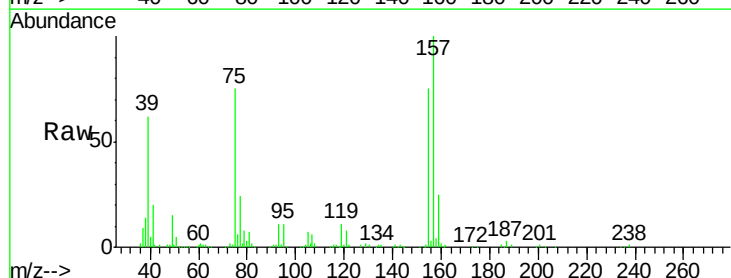
Manual Integrations
 APPROVED

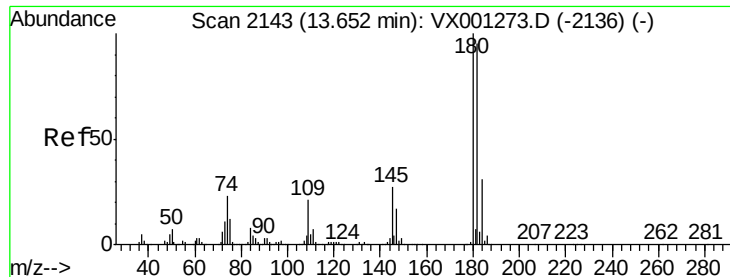
MMDadoda
 5/2/2018 4:20:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.99 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41969		
155	101.3	49.9	149.7	
157	131.7	63.7	191.1	





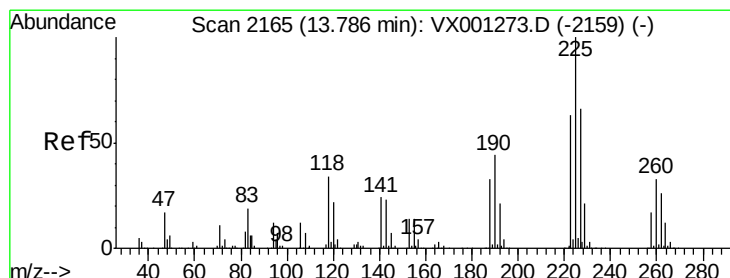
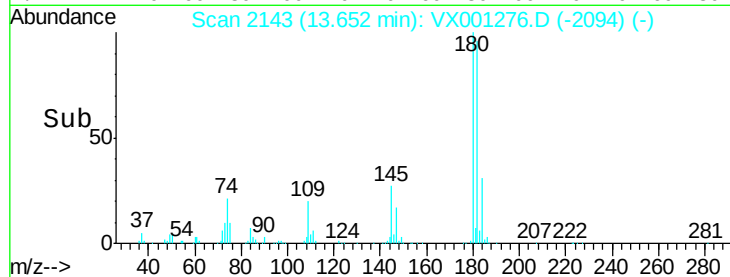
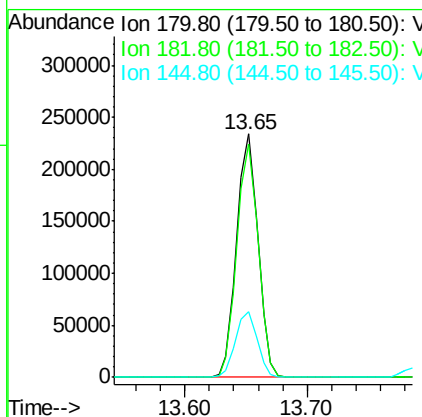
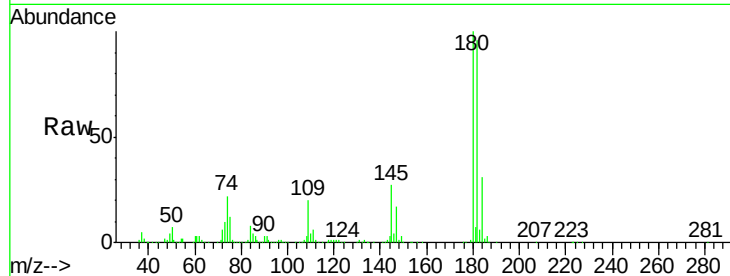
#93
 1,2,4-Trichlorobenzene
 Concen: 49.91 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050118

Tot Ion	Ratio	Resp	Lower	Upper
180	100	281509		
182	96.1	47.3	141.9	
145	27.4	13.5	40.4	

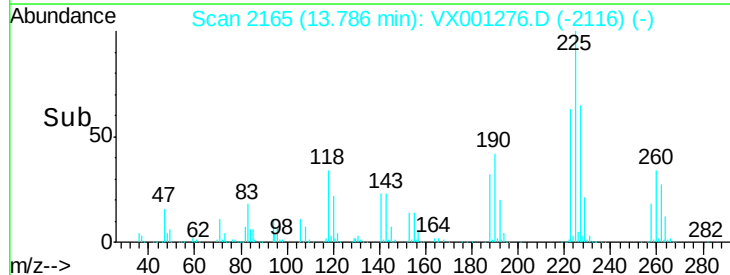
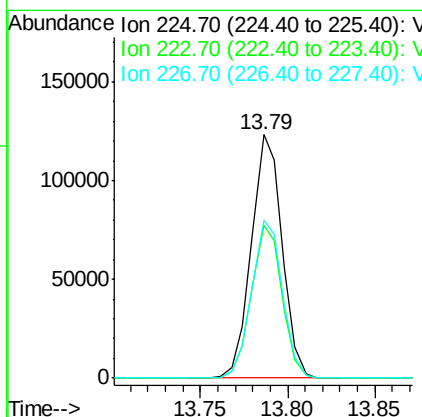
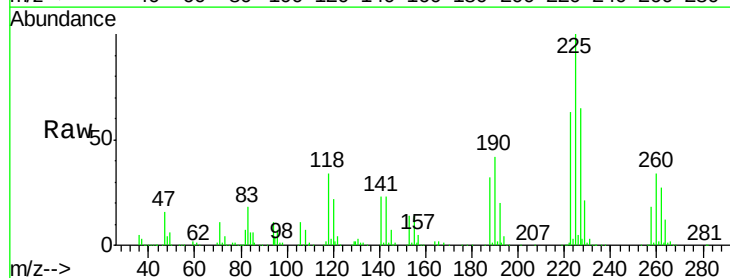
Manual Integrations
 APPROVED

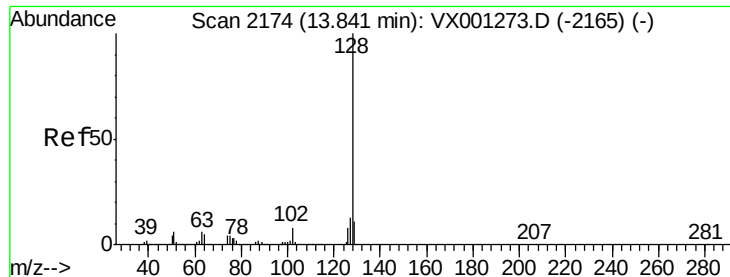
MMDadoda
 5/2/2018 4:20:54 PM



#94
 Hexachlorobutadiene
 Concen: 51.15 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001276.D
 Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150956		
223	62.8	31.4	94.0	
227	64.8	32.5	97.5	





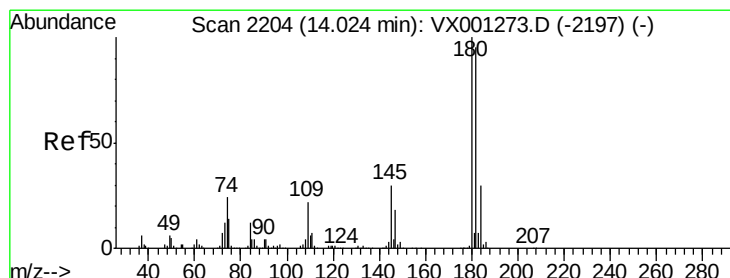
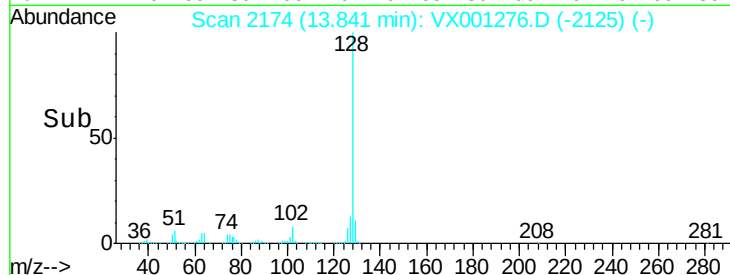
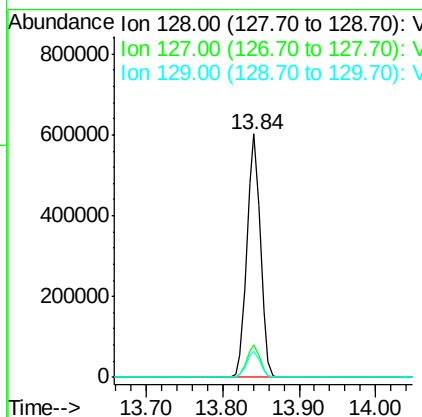
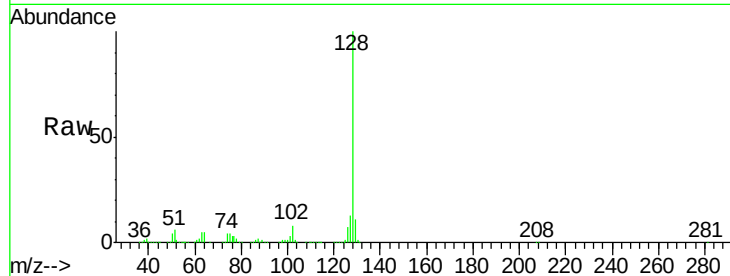
#95
Naphthalene
Concen: 51.16 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050118

Tot Ion	Ratio	Resp	Lower	Upper
128	100	732050		
127	13.1		10.5	15.7
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:54 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.00 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001276.D
Acq: 01 May 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	276835		
182	95.8		48.1	144.3
145	28.4		14.4	43.4

