

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001482.D
 Acq On : 07 May 2018 23:20
 Operator : JC/MD
 Sample : VX0507WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:35 PM

Quant Time: May 08 07:28:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	300400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179422	56.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.10%	
35) Dibromofluoromethane	5.51	113	142026	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	8.72	98	487262	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.14	95	180037	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60630	20.40	ug/l	96
3) Chloromethane	1.32	50	65016	22.46	ug/l	100
4) Vinyl Chloride	1.40	62	67032	22.19	ug/l	98
5) Bromomethane	1.64	94	43956	30.45	ug/l	99
6) Chloroethane	1.72	64	43905	21.99	ug/l	95
7) Trichlorofluoromethane	1.93	101	95350	20.98	ug/l	98
8) Diethyl Ether	2.19	74	41360	23.21	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51736	19.41	ug/l	99
10) Methyl Iodide	2.51	142	81530	21.20	ug/l	99
11) Tert butyl alcohol	3.08	59	84672	126.57	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52482	21.49	ug/l	99
13) Acrolein	2.29	56	16995	122.94	ug/l	92
14) Allyl chloride	2.73	41	101900	22.37	ug/l	99
15) Acrylonitrile	3.15	53	182616	120.80	ug/l	100
16) Acetone	2.45	43	164454	114.15	ug/l	98
17) Carbon Disulfide	2.57	76	122089	19.64	ug/l	98
18) Methyl Acetate	2.78	43	95068	25.12	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	200494	23.57	ug/l	99
20) Methylene Chloride	2.86	84	63731	22.34	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	57631	21.14	ug/l	94
22) Diisopropyl ether	3.88	45	191936	22.56	ug/l	99
23) Vinyl Acetate	3.83	43	801912	113.08	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101952	21.45	ug/l	100
25) 2-Butanone	4.71	43	245236	117.75	ug/l	98
26) 2,2-Dichloropropane	4.59	77	62338	16.98	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	63996	22.04	ug/l	98
28) Bromochloromethane	5.03	49	45871	22.26	ug/l	96
29) Tetrahydrofuran	5.18	42	157675	118.33	ug/l	100
30) Chloroform	5.22	83	112614	23.00	ug/l	100
31) Cyclohexane	5.58	56	75636	18.53	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	93572	21.87	ug/l	98
36) 1,1-Dichloropropene	5.80	75	72572	18.99	ug/l	100
37) Ethyl Acetate	4.87	43	92363	22.05	ug/l	99
38) Carbon Tetrachloride	5.79	117	81164	19.92	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76504	16.93	ug/l	97
40) Benzene	6.15	78	238430	21.36	ug/l	99
41) Methacrylonitrile	5.07	41	52862	22.06	ug/l	98
42) 1,2-Dichloroethane	6.20	62	97179	22.65	ug/l	99
43) Isopropyl Acetate	6.48	43	142568	22.17	ug/l	100
44) Trichloroethene	7.22	130	70114	20.55	ug/l	96
45) 1,2-Dichloropropane	7.52	63	61257	22.02	ug/l	98
46) Dibromomethane	7.67	93	42573	21.61	ug/l	98
47) Bromodichloromethane	7.90	83	78842	21.63	ug/l	98
48) Methyl methacrylate	7.79	41	75894	21.68	ug/l	100
49) 1,4-Dioxane	7.76	88	33968	449.04	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	494455	115.72	ug/l	99
52) Toluene	8.79	92	153085	20.98	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	87477	21.23	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	77762	19.69	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	63689	21.66	ug/l	99
56) Ethyl methacrylate	9.19	69	90191	21.28	ug/l	99
57) 1,3-Dichloropropane	9.38	76	105991	21.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	237358	114.18	ug/l	100
59) 2-Hexanone	9.51	43	369101	112.80	ug/l	99
60) Dibromochloromethane	9.59	129	63925	21.23	ug/l	98
61) 1,2-Dibromoethane	9.68	107	68282	22.12	ug/l	100
64) Tetrachloroethene	9.34	164	80471	20.55	ug/l	99
65) Chlorobenzene	10.15	112	171097	20.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	63357	21.49	ug/l	99
67) Ethyl Benzene	10.26	91	267788	19.83	ug/l	100
68) m/p-Xylenes	10.37	106	215859	40.44	ug/l	100
69) o-Xylene	10.70	106	105192	20.28	ug/l	96
70) Styrene	10.72	104	175791	20.86	ug/l	99
71) Bromoform	10.87	173	50532	20.12	ug/l #	100
73) Isopropylbenzene	11.02	105	275691	20.48	ug/l	100
74) N-amyl acetate	6.48	43	142568	23.32	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	91780	23.08	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	89527m	22.70	ug/l	
77) Bromobenzene	11.26	156	82868	21.17	ug/l	99
78) n-propylbenzene	11.37	91	299874	20.46	ug/l	99
79) 2-Chlorotoluene	11.43	91	189162	20.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	232295	20.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19621	18.79	ug/l	88
82) 4-Chlorotoluene	11.52	91	218022	20.95	ug/l	99
83) tert-Butylbenzene	11.77	119	221932	19.90	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	241711	20.98	ug/l	99
85) sec-Butylbenzene	11.95	105	267025	19.95	ug/l	99
86) p-Isopropyltoluene	12.07	119	247716	20.17	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145206	20.76	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	145407	20.38	ug/l	99
89) n-Butylbenzene	12.40	91	188001	18.48	ug/l	100
90) Hexachloroethane	12.60	117	35520	19.21	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	150123	21.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20342	23.29	ug/l	97

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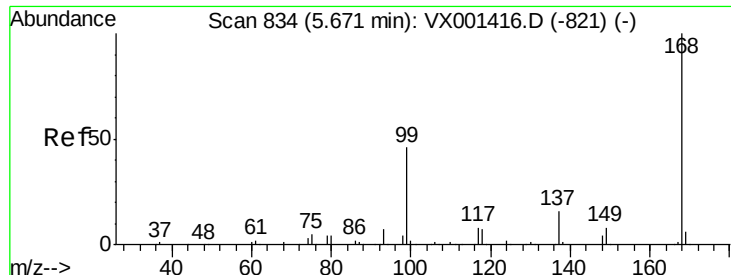
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104363	20.04	ug/l	99
94) Hexachlorobutadiene	13.79	225	53821	18.89	ug/l	99
95) Naphthalene	13.84	128	321289	22.31	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112501	21.05	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tot Ion:168 Resp: 220750

Ion Ratio Lower Upper

168 100

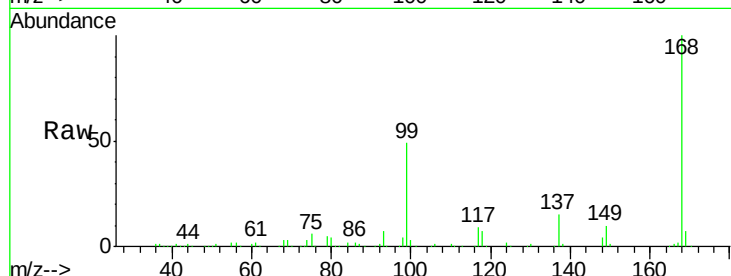
99 48.4 36.6 54.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

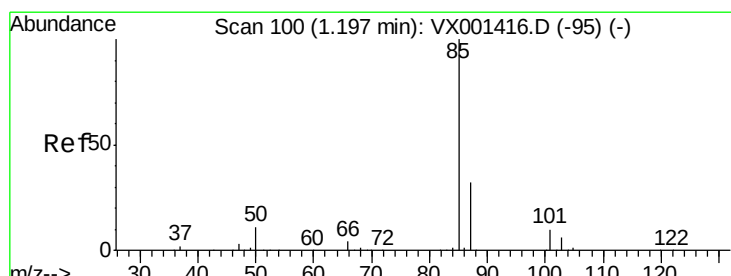
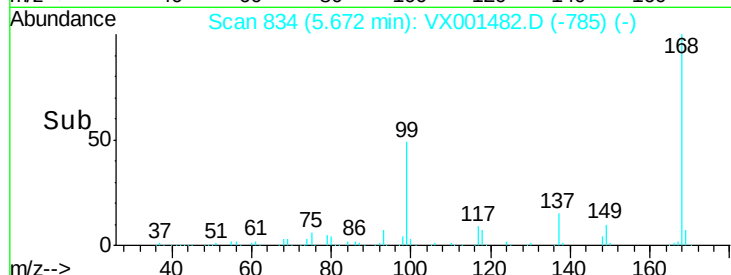
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.40 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001482.D

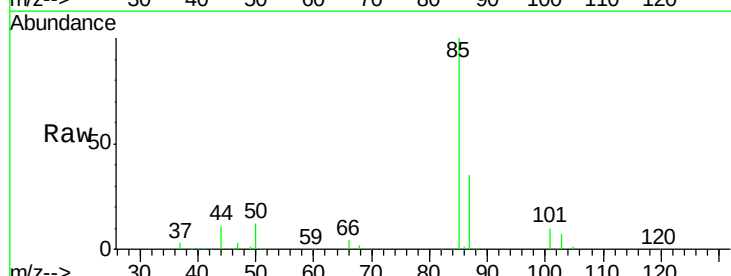
Acq: 07 May 2018 23:20

Tgt Ion: 85 Resp: 60630

Ion Ratio Lower Upper

85 100

87 34.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

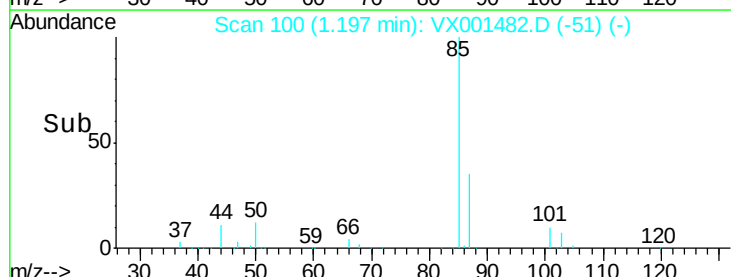
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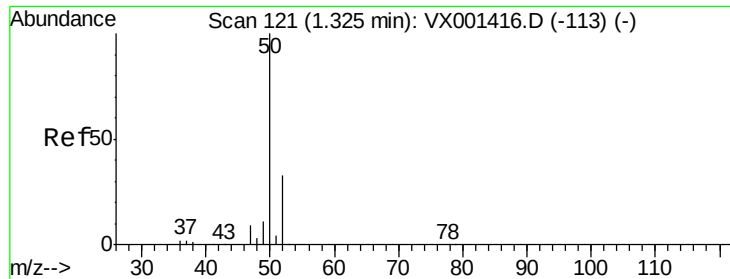
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 22.46 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tot Ion: 50 Resp: 65016

Ion Ratio Lower Upper

50 100

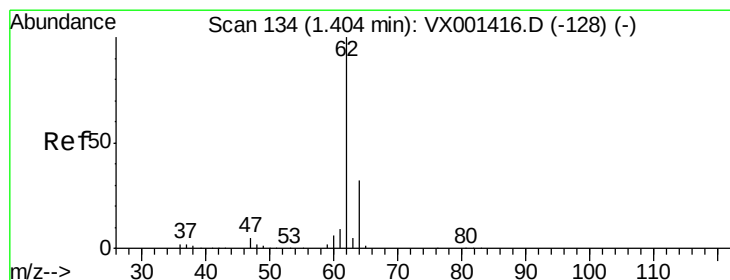
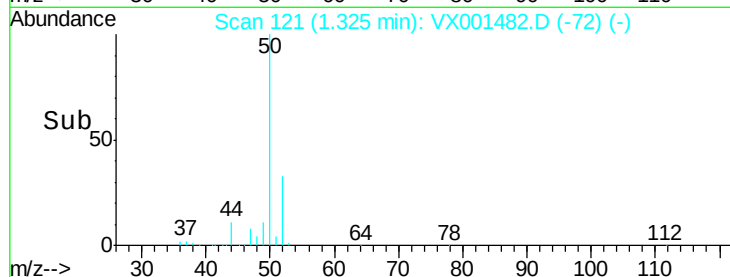
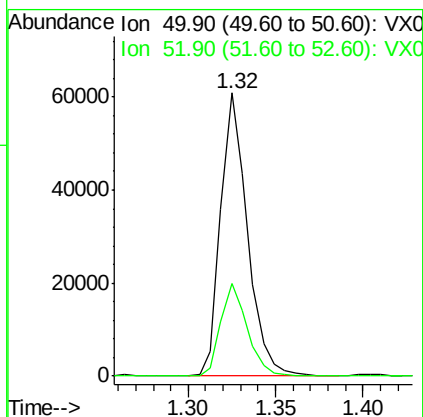
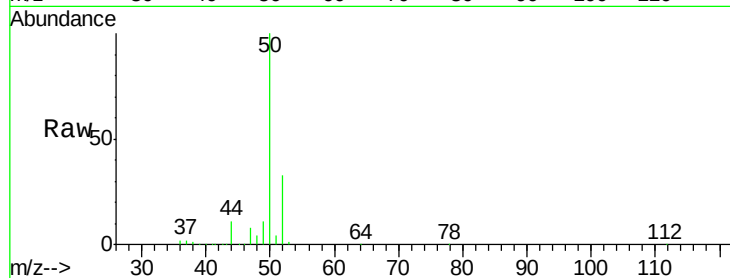
52 32.7 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.19 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001482.D

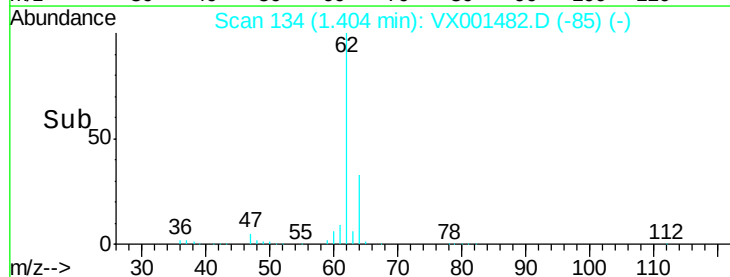
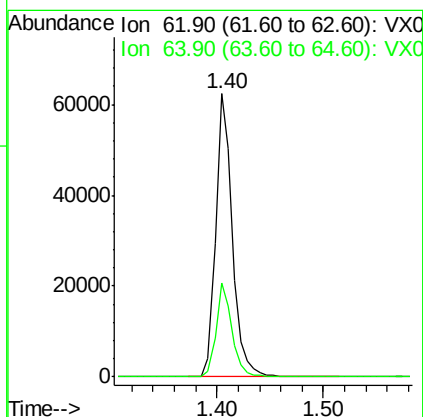
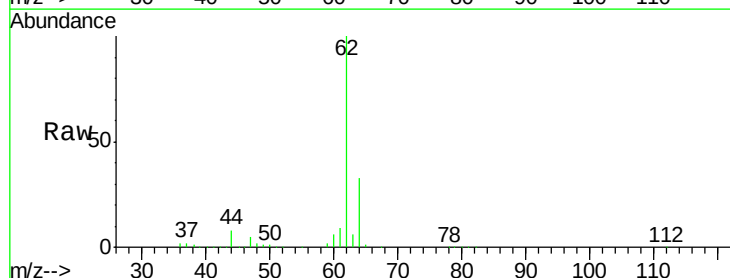
Acq: 07 May 2018 23:20

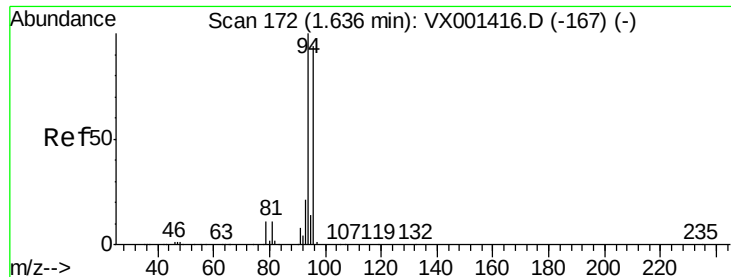
Tgt Ion: 62 Resp: 67032

Ion Ratio Lower Upper

62 100

64 33.1 25.8 38.6





#5

Bromomethane

Concen: 30.45 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tot Ion: 94 Resp: 43956

Ion Ratio Lower Upper

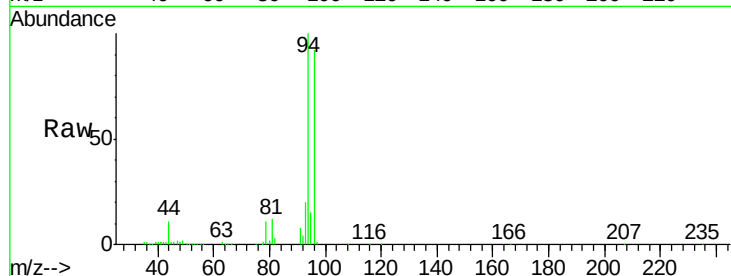
94 100

96 92.4 75.0 112.6

Manual Integrations
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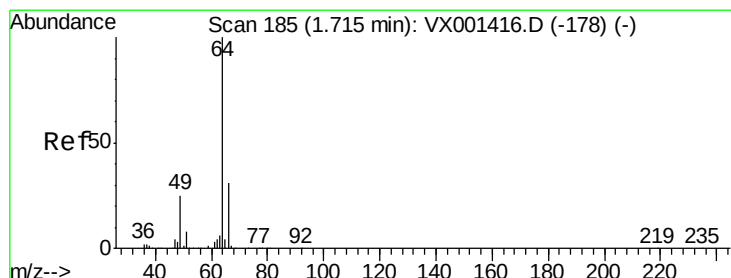
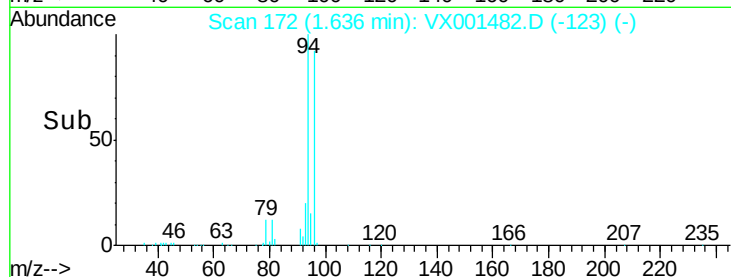
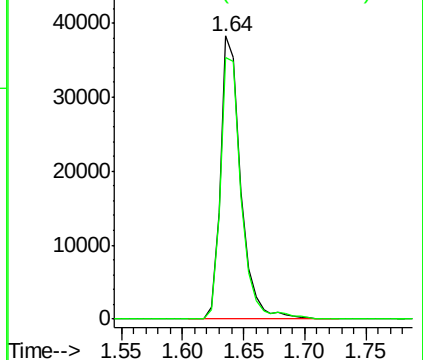
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.99 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001482.D

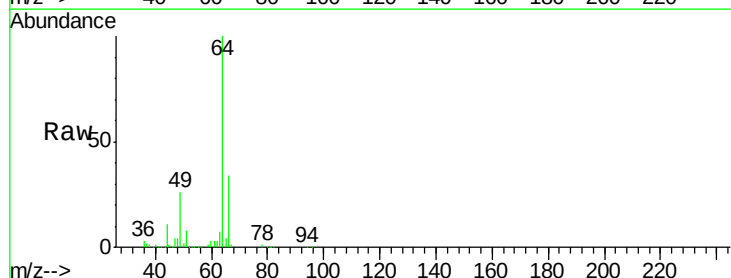
Acq: 07 May 2018 23:20

Tgt Ion: 64 Resp: 43905

Ion Ratio Lower Upper

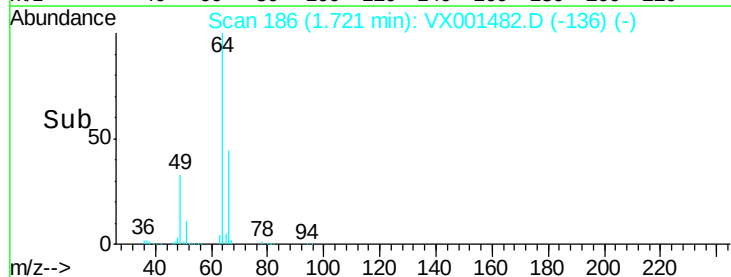
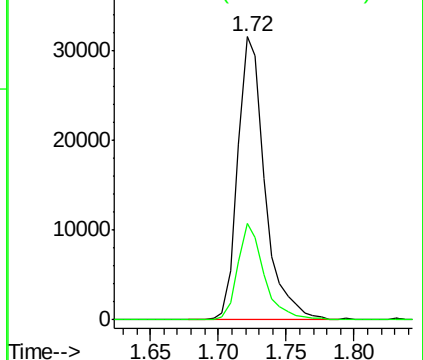
64 100

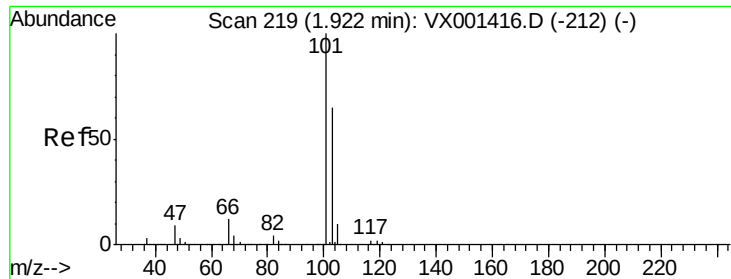
66 34.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

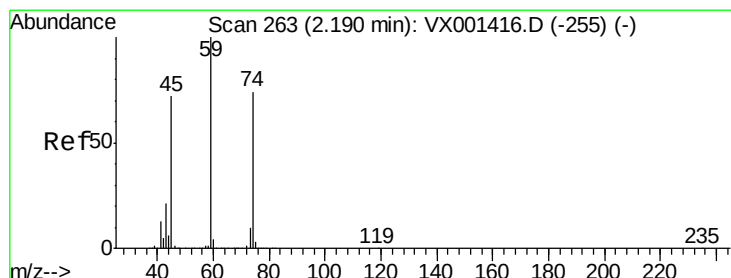
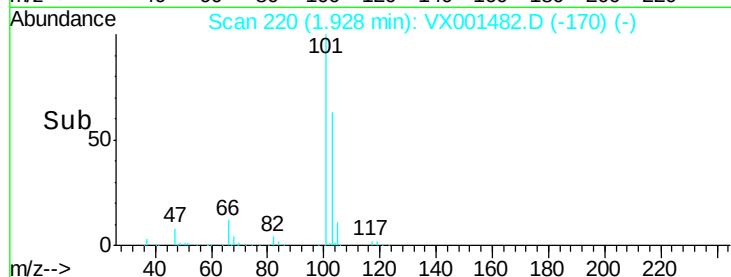
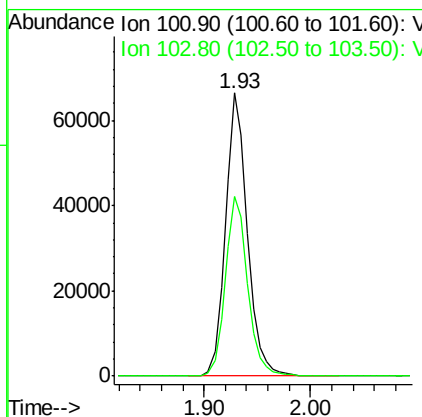
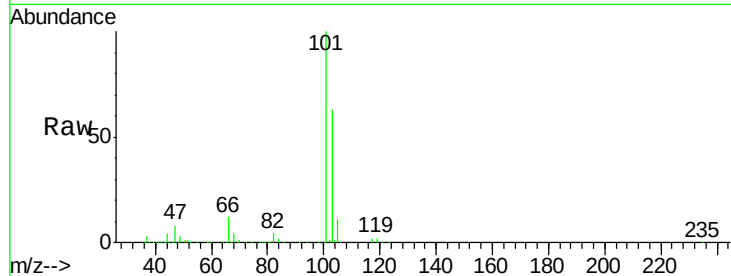
Trichlorofluoromethane
Concen: 20.98 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
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ClientSampleId :
VX0507WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	95350		
103	63.5	52.0	78.0	

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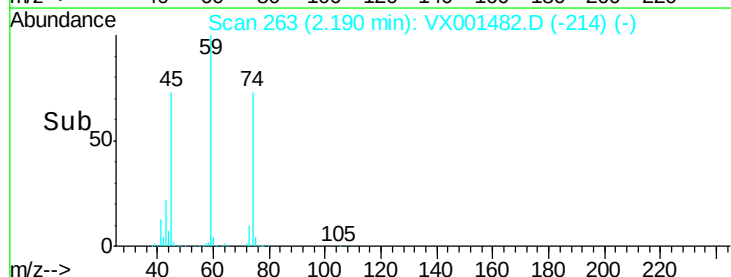
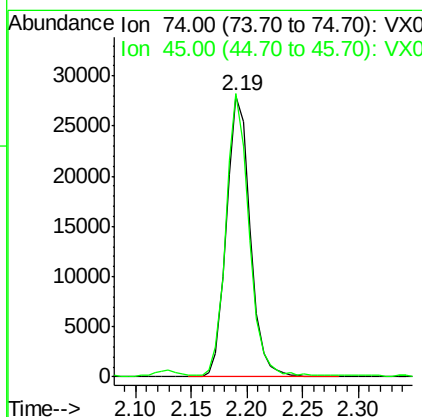
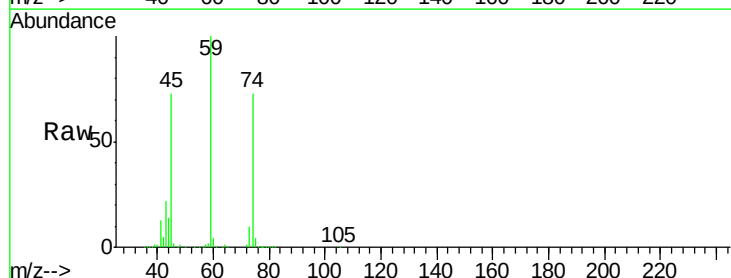
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5/9/2018 5:47:35 PM

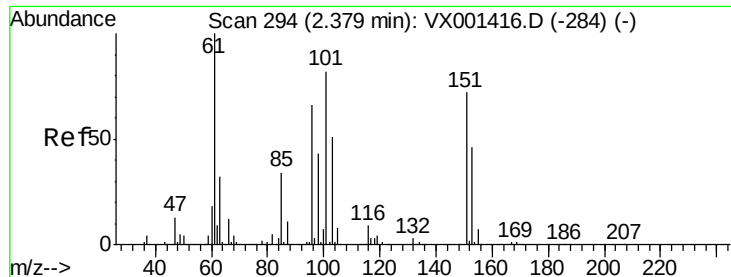


#8

Diethyl Ether
Concen: 23.21 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	41360		
45	97.5	47.9	143.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.41 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tot Ion:101 Resp: 51736

Ion Ratio Lower Upper

101 100

85 44.3 33.7 50.5

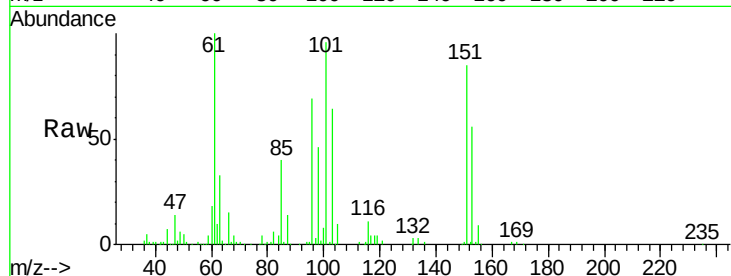
151 90.9 72.3 108.5

Manual Integrations

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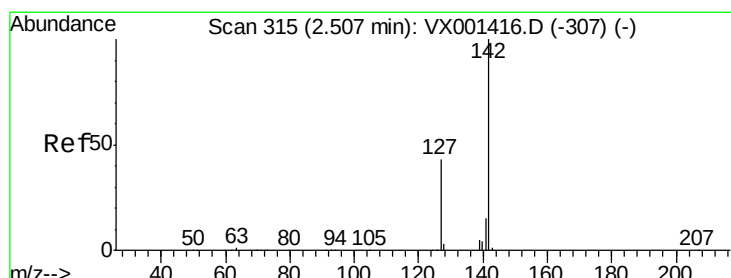
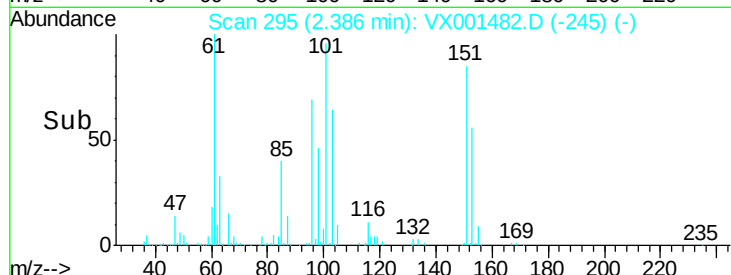
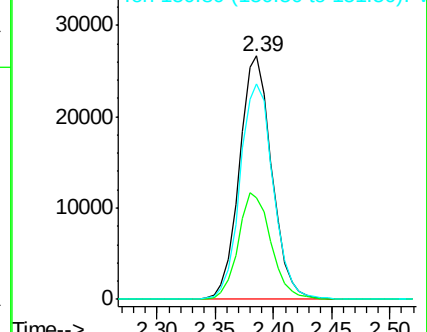
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.20 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

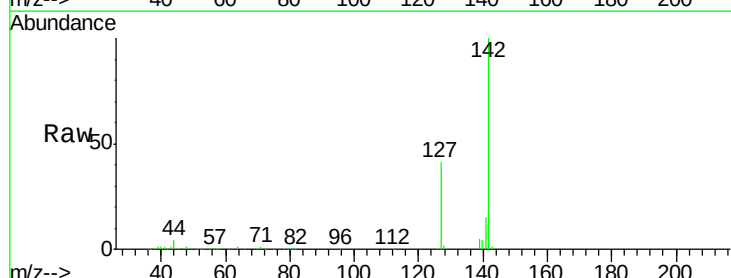
Tgt Ion:142 Resp: 81530

Ion Ratio Lower Upper

142 100

127 42.4 33.6 50.4

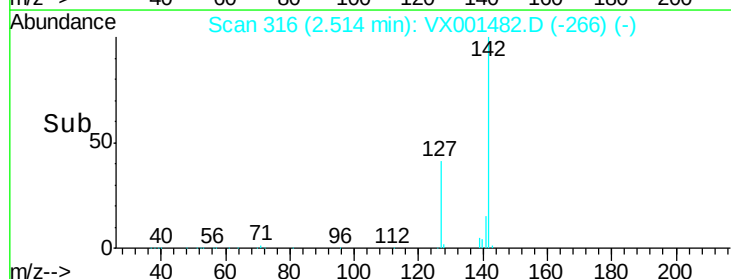
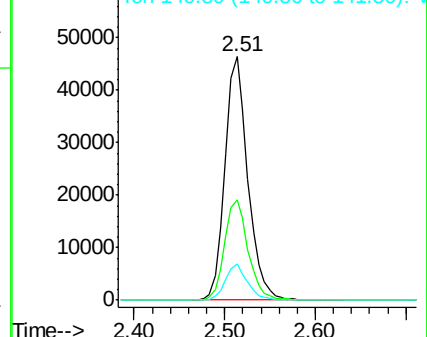
141 14.3 11.4 17.2

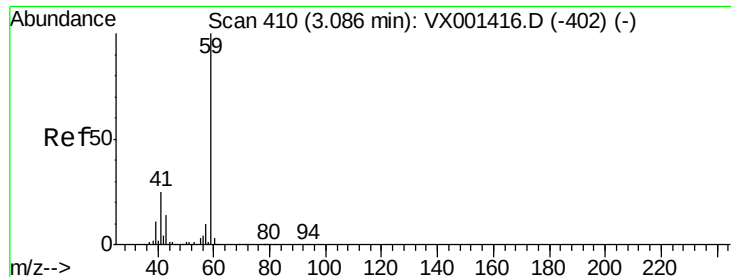


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

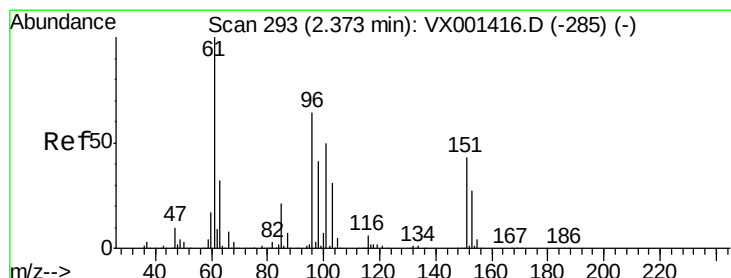
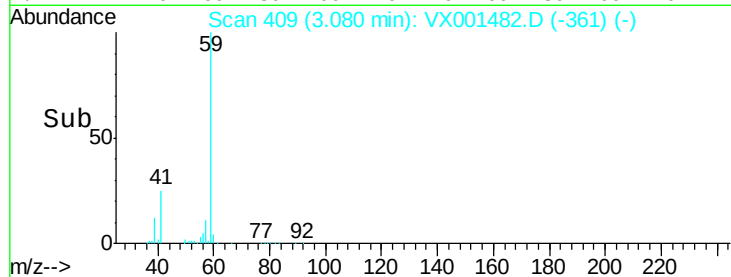
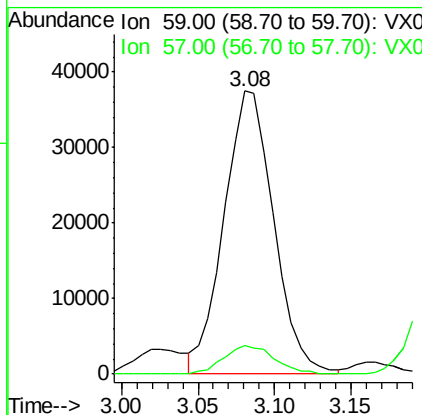
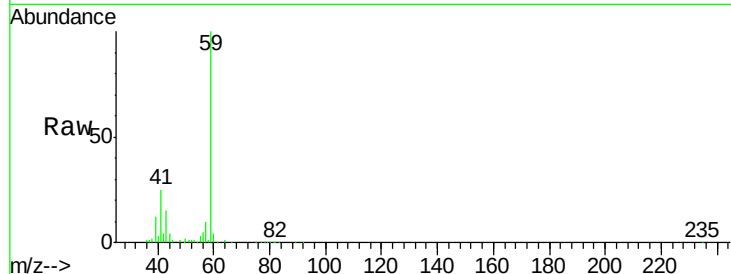
Tert butyl alcohol
 Concen: 126.57 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

Manual Integrations
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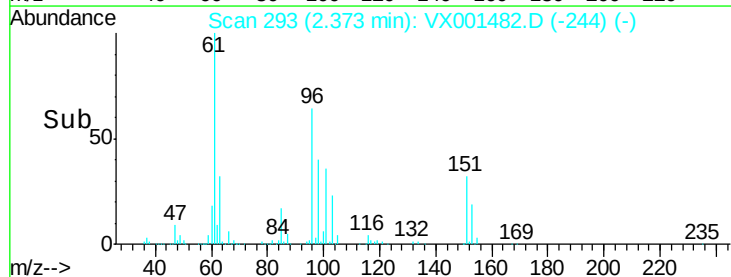
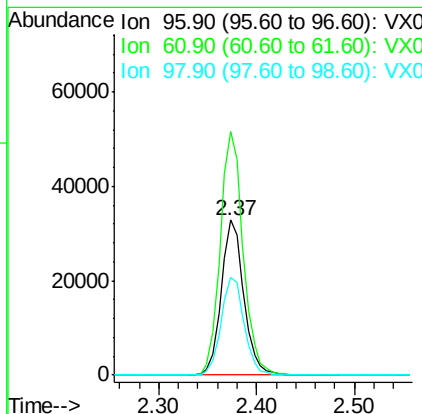
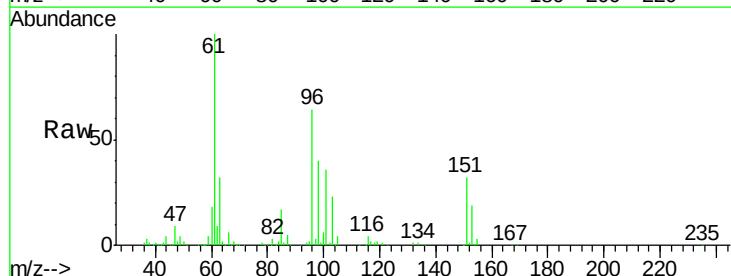
MMDadoda
 5/9/2018 5:47:35 PM

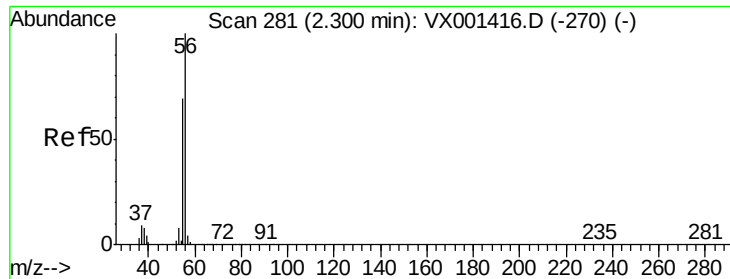


#12

1,1-Dichloroethene
 Concen: 21.49 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.1	125.7	188.5
98	62.9	52.0	78.0





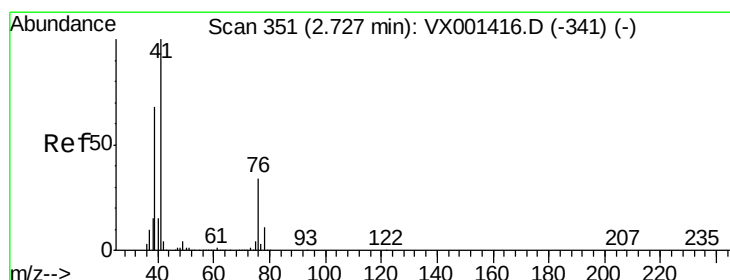
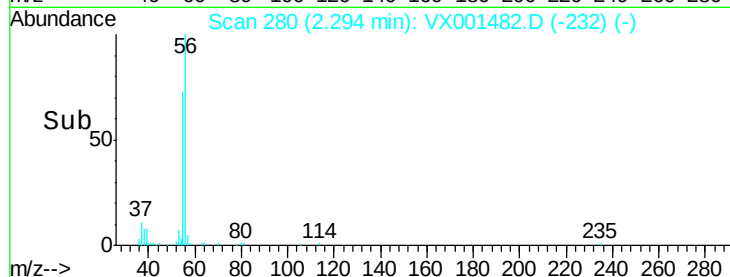
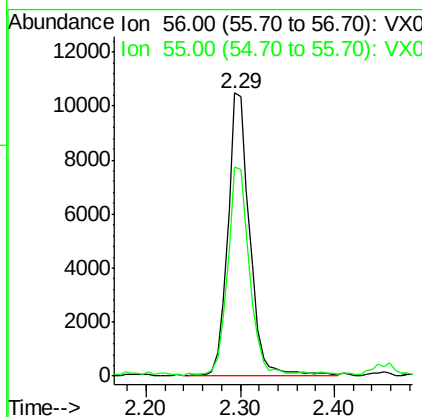
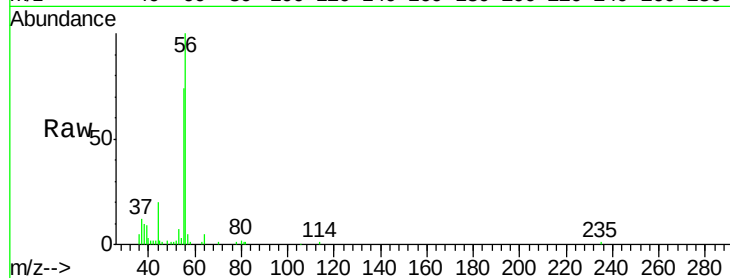
#13
Acrolein
Concen: 122.94 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion	56	Resp	16995
Ion Ratio	100	Lower	Upper
55	74.2	54.5	81.7

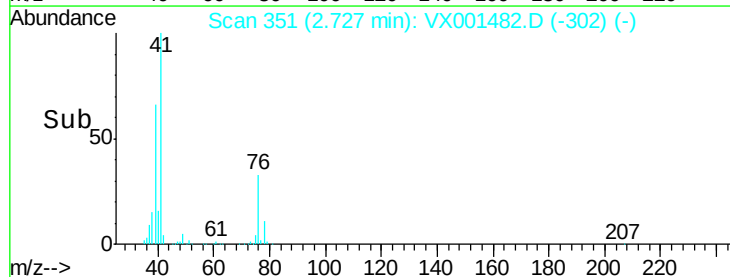
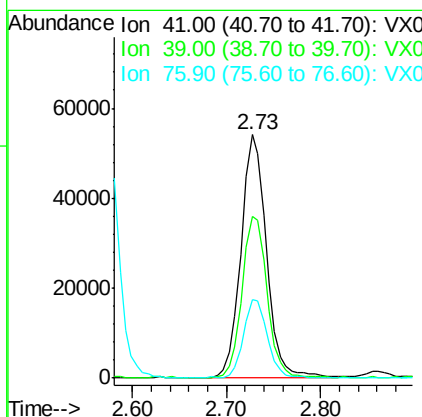
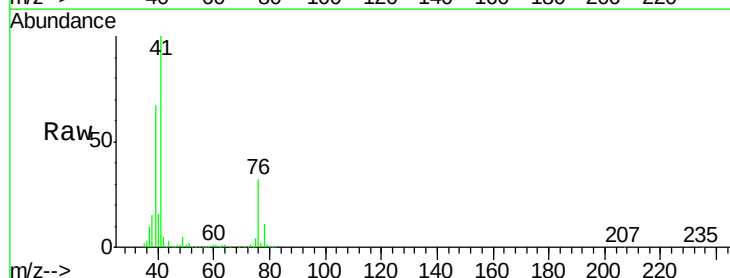
Manual Integrations
APPROVED

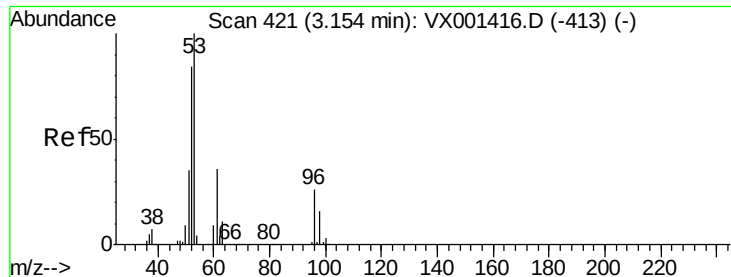
MMDadoda
5/9/2018 5:47:35 PM



#14
Allyl chloride
Concen: 22.37 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	41	Resp	101900
Ion Ratio	100	Lower	Upper
39	65.3	52.4	78.6
76	30.8	25.8	38.6





#15

Acrylonitrile

Concen: 120.80 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

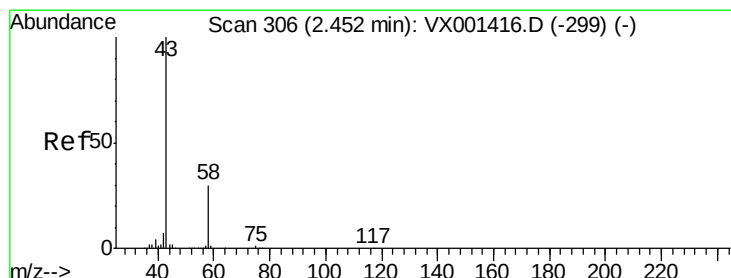
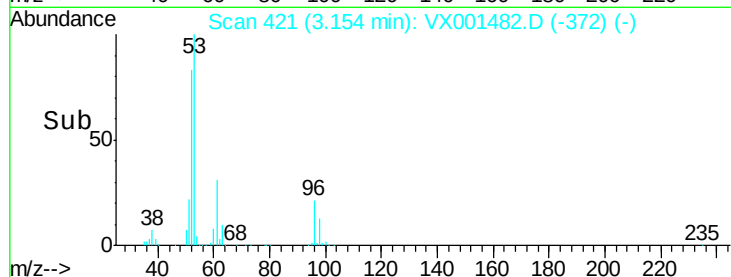
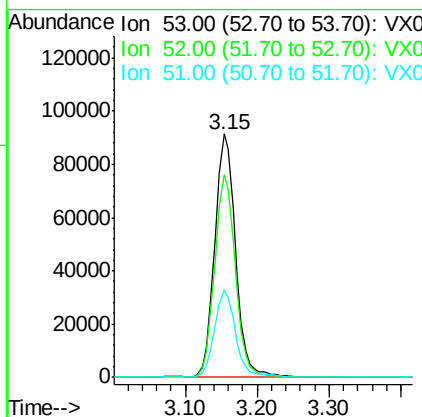
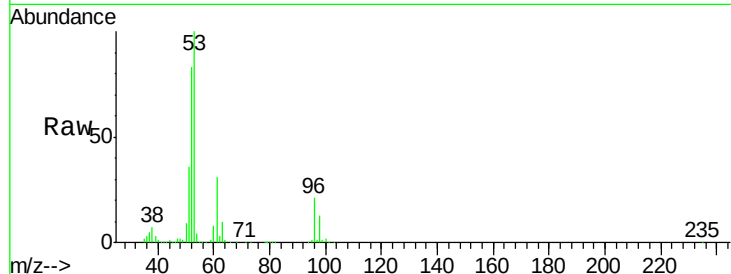
ClientSampleId :

VX0507WBS02

Tot Ion:	53	Resp:	182616
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.2	99.2
51	36.4	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 114.15 ug/l

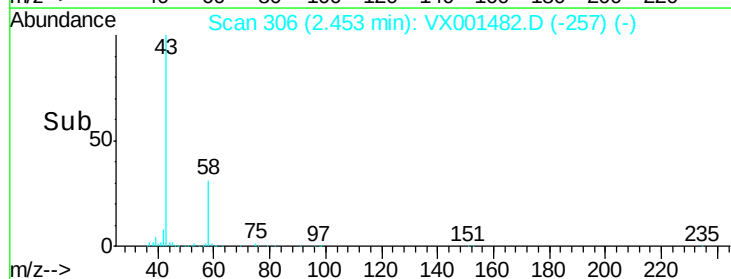
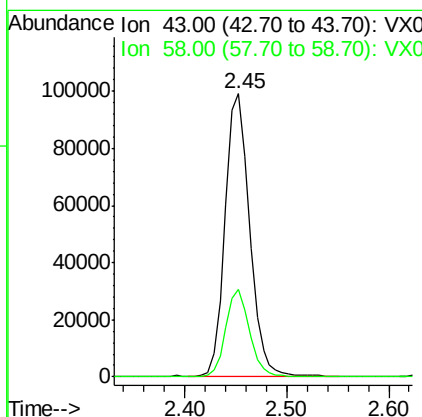
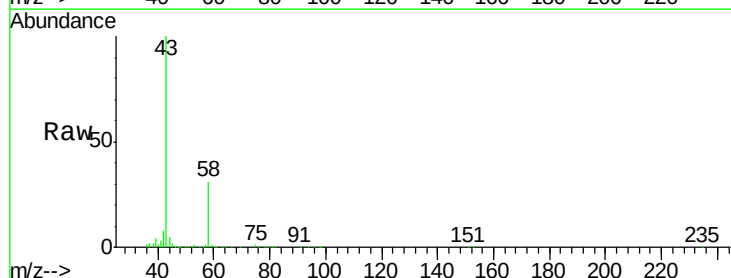
RT: 2.45 min Scan# 306

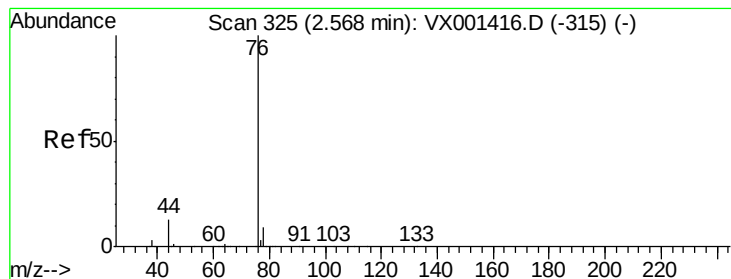
Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Tgt Ion:	43	Resp:	164454
Ion Ratio		Lower	Upper
43	100		
58	30.8	23.8	35.8





#17

Carbon Disulfide

Concen: 19.64 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tot Ion: 76 Resp: 122089

Ion Ratio Lower Upper

76 100

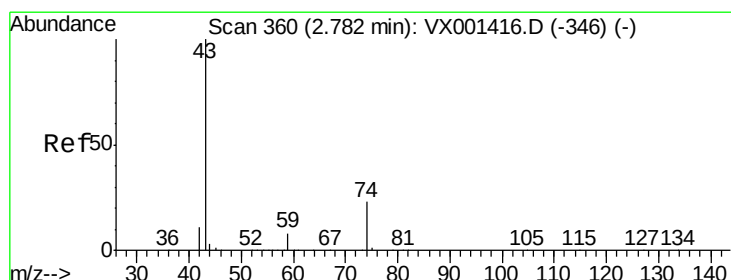
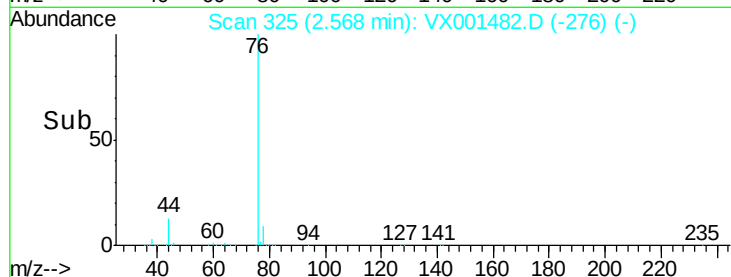
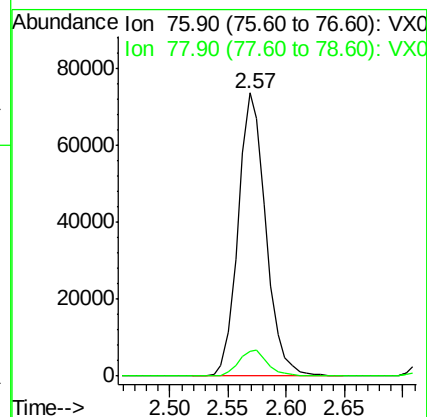
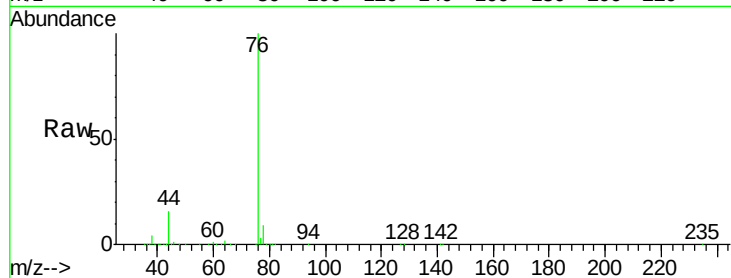
78 8.7 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 25.12 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001482.D

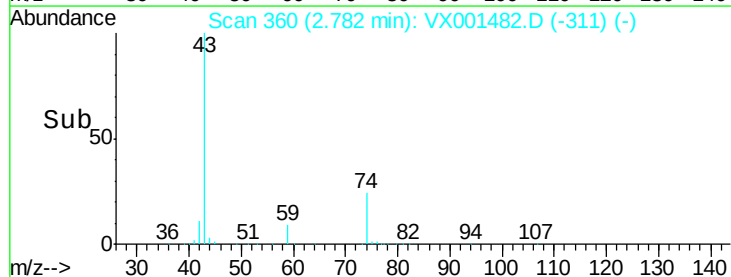
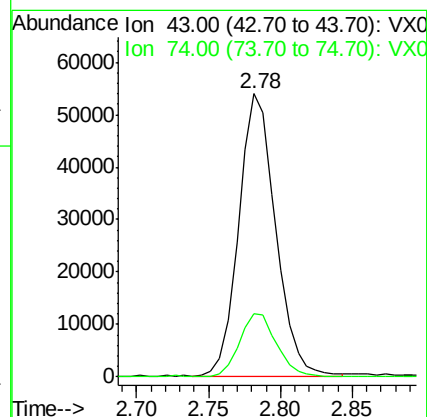
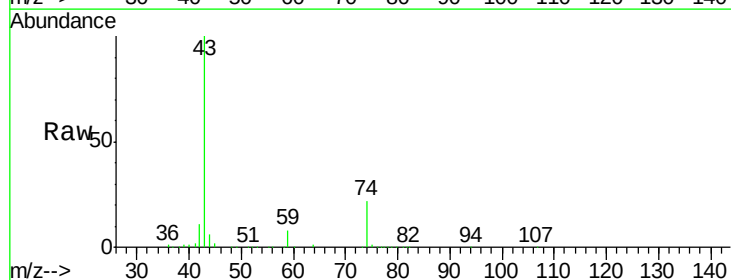
Acq: 07 May 2018 23:20

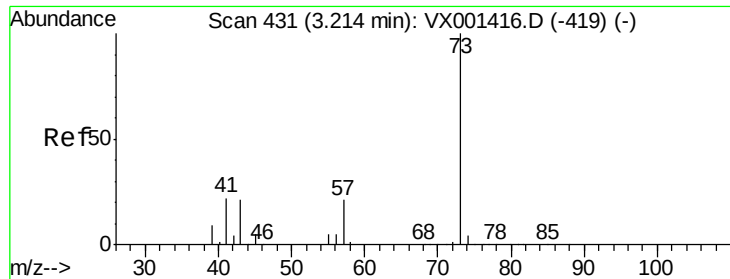
Tgt Ion: 43 Resp: 95068

Ion Ratio Lower Upper

43 100

74 22.5 18.6 27.8





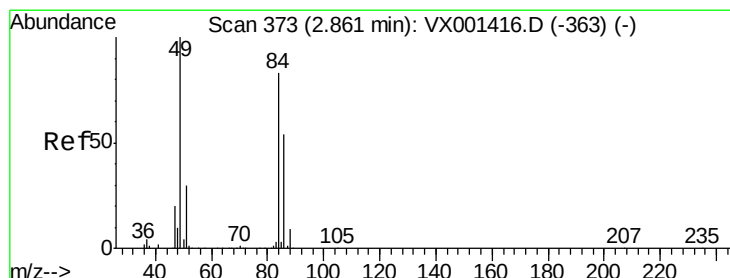
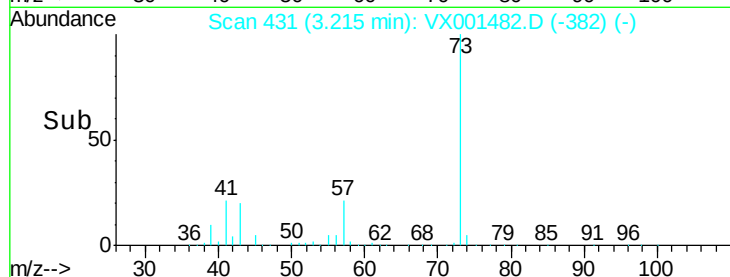
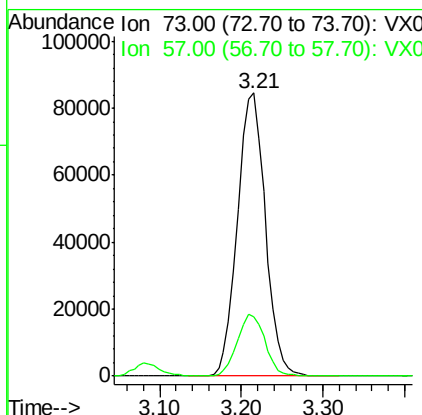
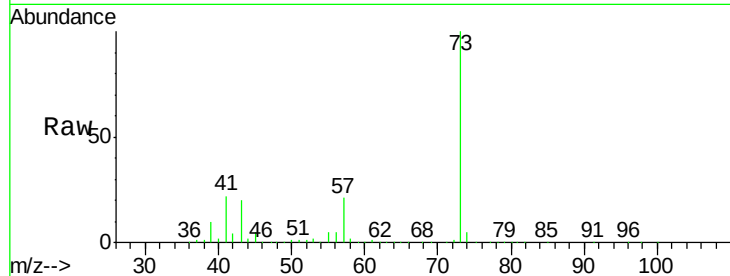
#19
Methyl tert-butyl Ether
Concen: 23.57 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion: 73 Resp: 200494
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.6

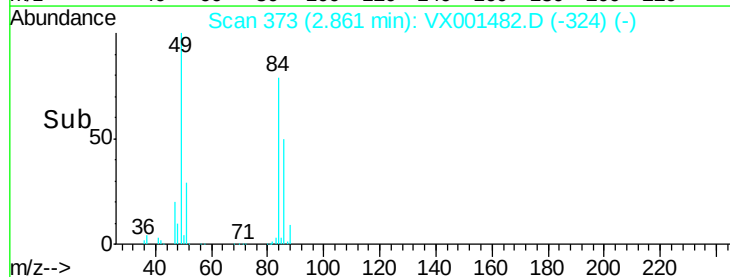
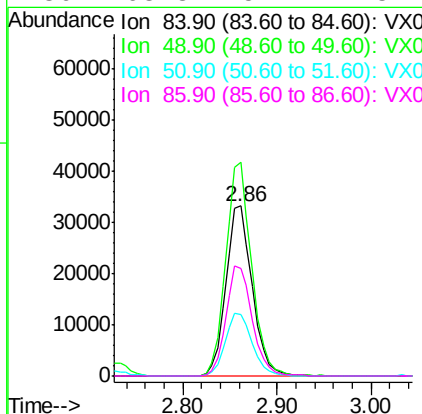
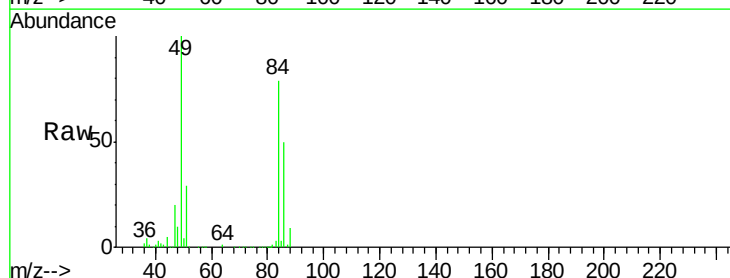
Manual Integrations
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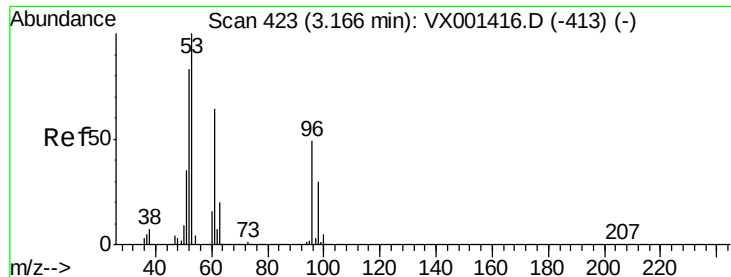
MMDadoda
5/9/2018 5:47:35 PM



#20
Methylene Chloride
Concen: 22.34 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion: 84 Resp: 63731
Ion Ratio Lower Upper
84 100
49 125.9 96.6 144.8
51 36.2 29.0 43.4
86 63.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.14 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

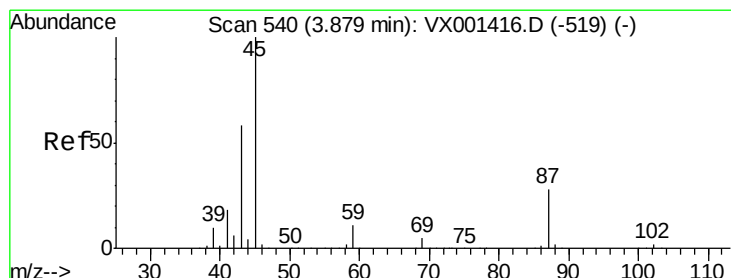
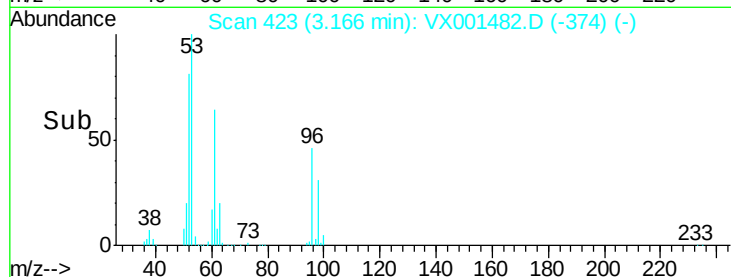
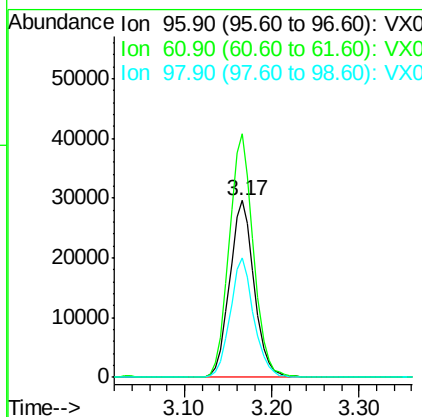
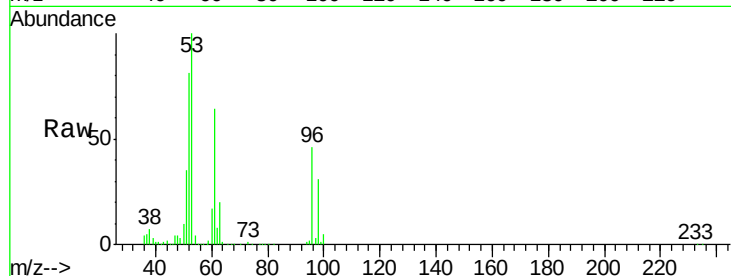
ClientSampled :

VX0507WBS02

Tot Ion:	96	Resp:	57631
Ion	Ratio	Lower	Upper
96	100		
61	137.7	105.0	157.4
98	67.4	49.9	74.9

Manual Integrations
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5/9/2018 5:47:35 PM



#22

Diisopropyl ether

Concen: 22.56 ug/l

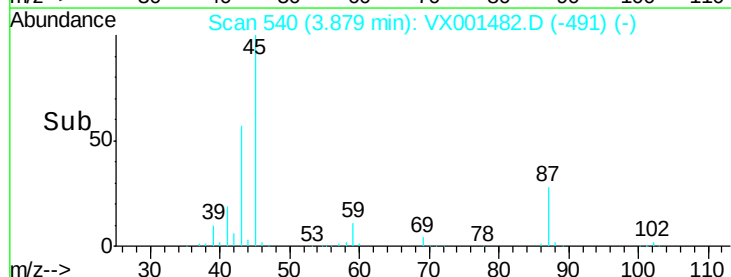
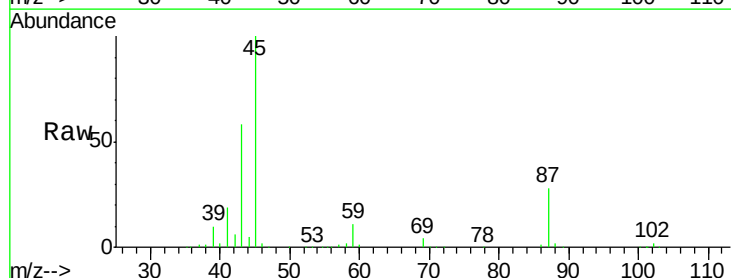
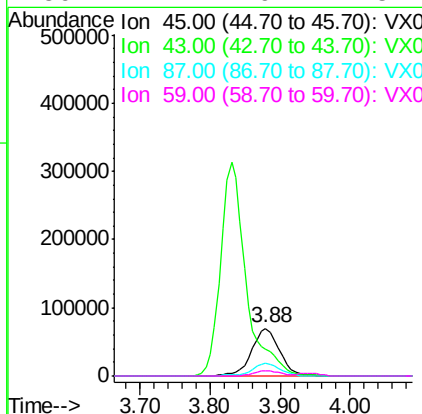
RT: 3.88 min Scan# 540

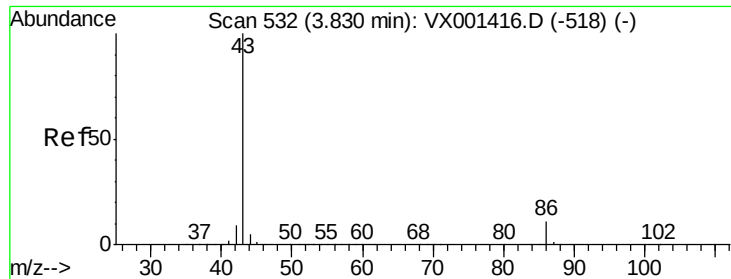
Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Tgt Ion:	45	Resp:	191936
Ion	Ratio	Lower	Upper
45	100		
43	57.4	46.5	69.7
87	27.6	22.6	34.0
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 113.08 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tot Ion: 43 Resp: 801912

Ion Ratio Lower Upper

43 100

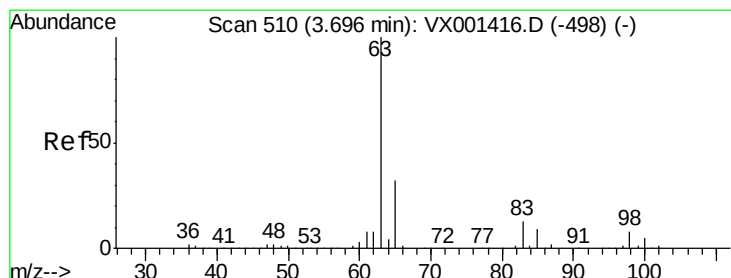
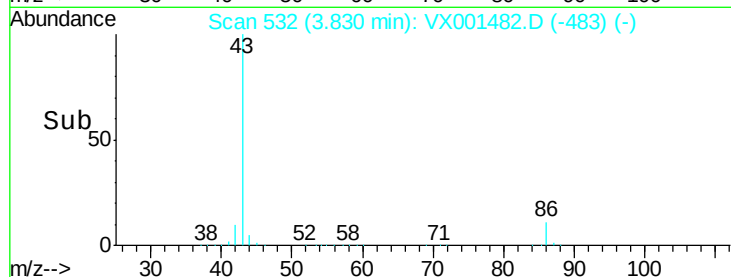
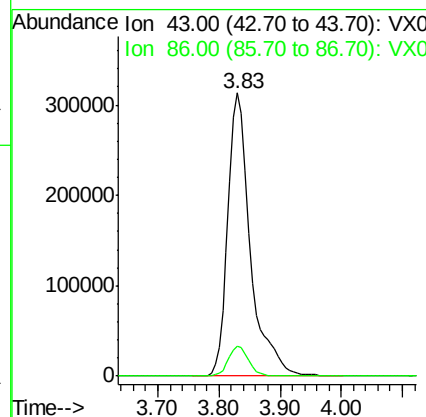
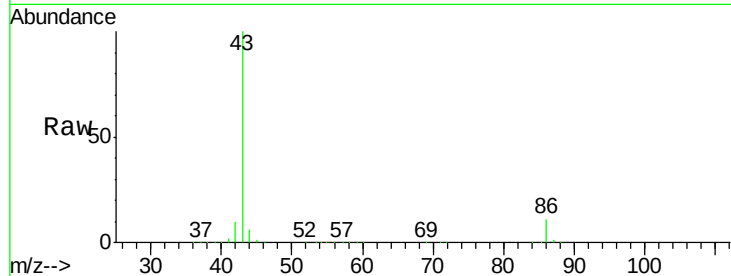
86 10.6 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.45 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

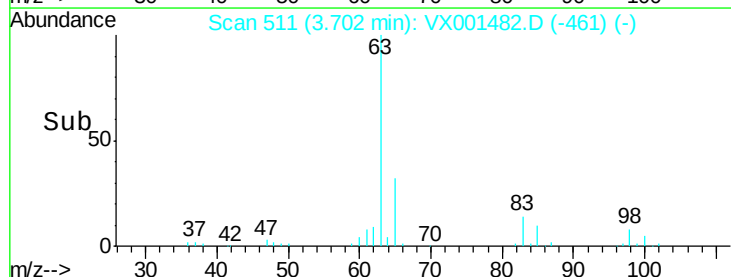
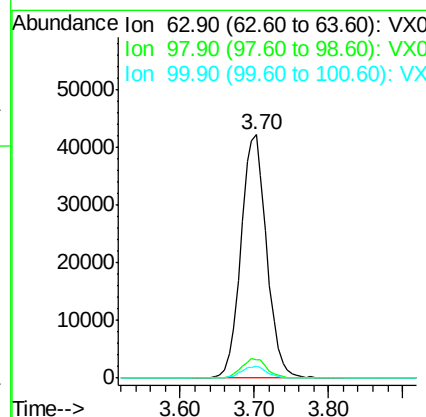
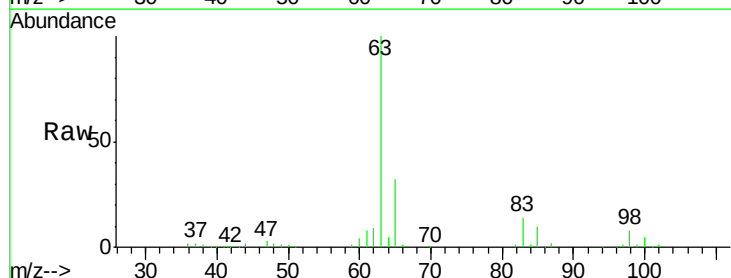
Tgt Ion: 63 Resp: 101952

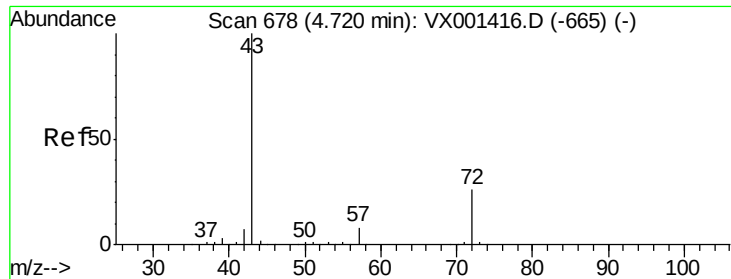
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 117.75 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tot Ion: 43 Resp: 245236

Ion Ratio Lower Upper

43 100

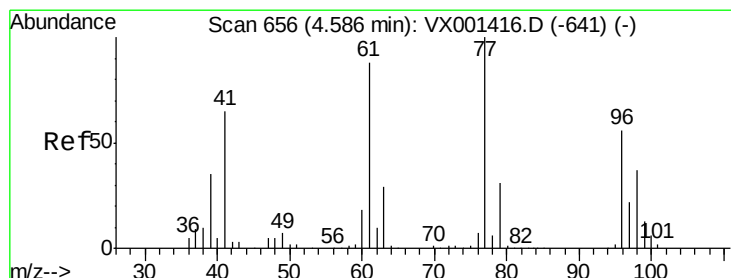
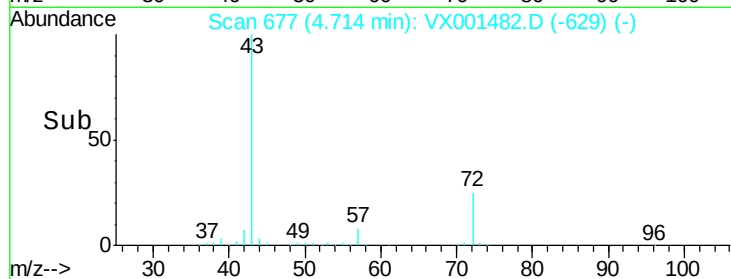
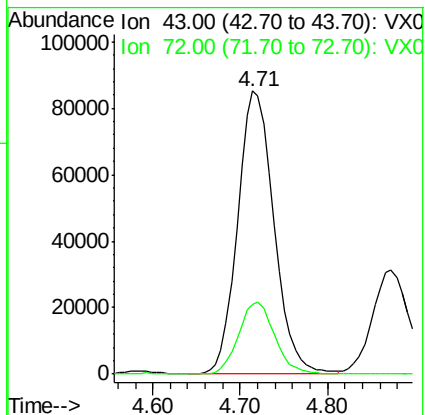
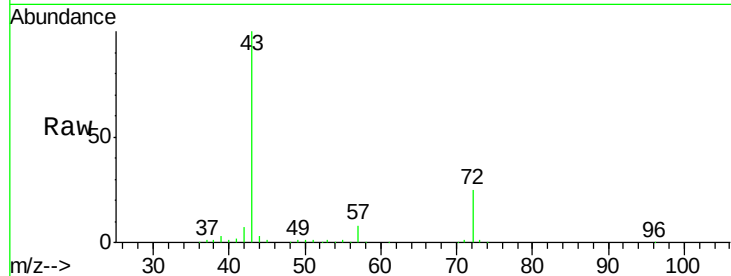
72 24.8 20.7 31.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.98 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001482.D

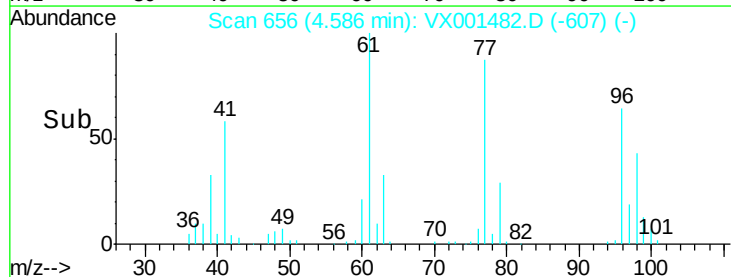
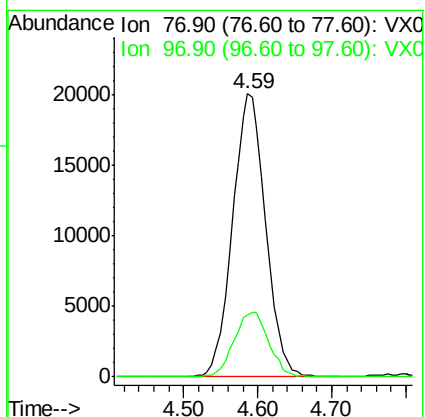
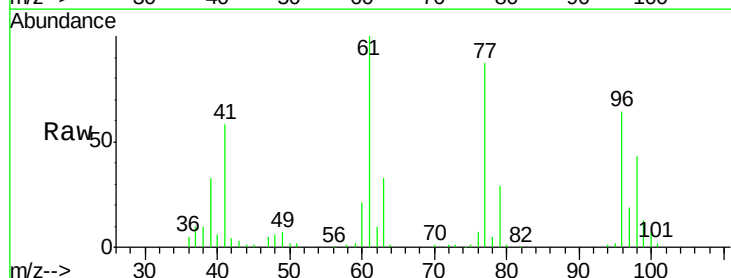
Acq: 07 May 2018 23:20

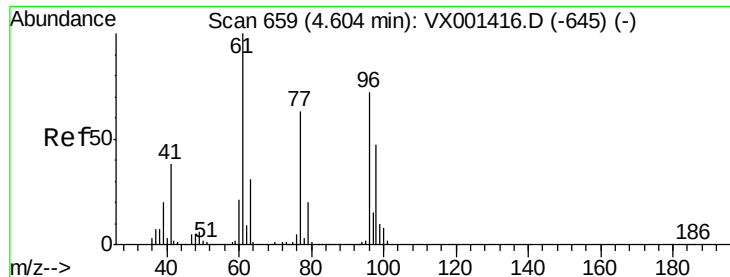
Tgt Ion: 77 Resp: 62338

Ion Ratio Lower Upper

77 100

97 24.0 11.2 33.6





#27

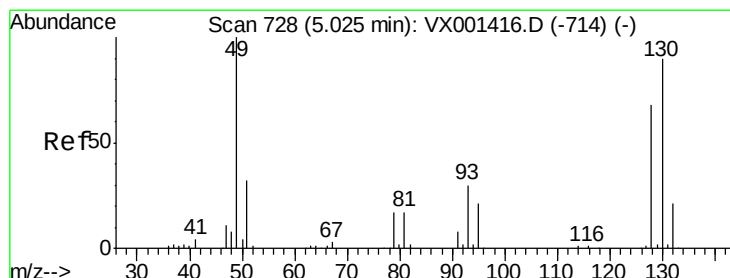
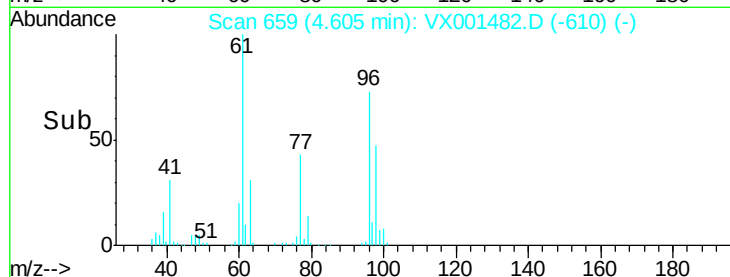
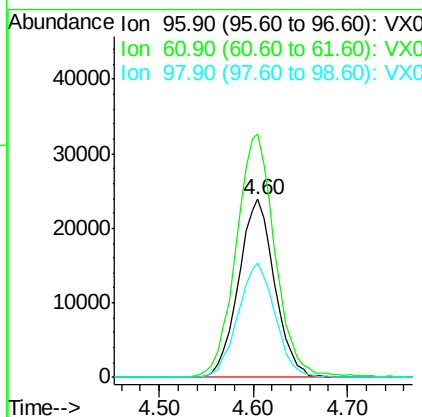
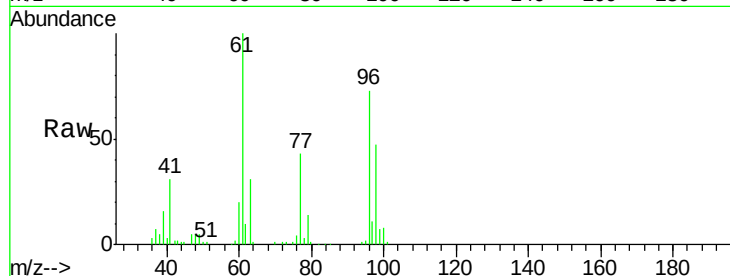
cis-1,2-Dichloroethene
 Concen: 22.04 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	63996		
61	147.6		0.0	301.6
98	65.9		0.0	131.6

Manual Integrations
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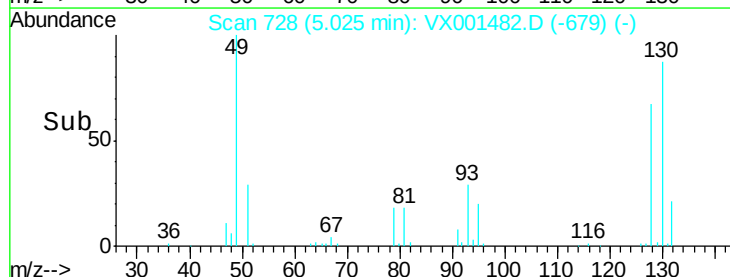
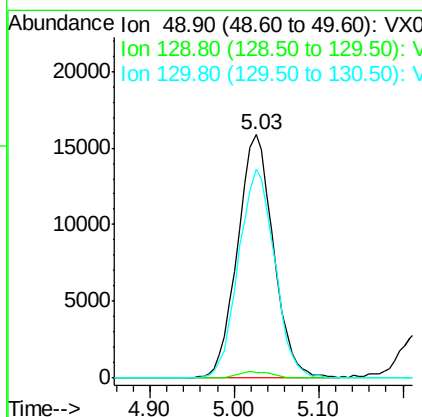
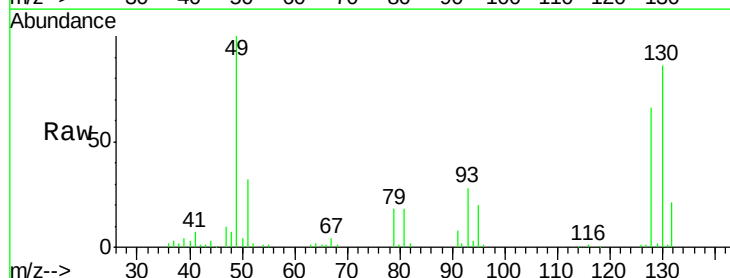
MMDadoda
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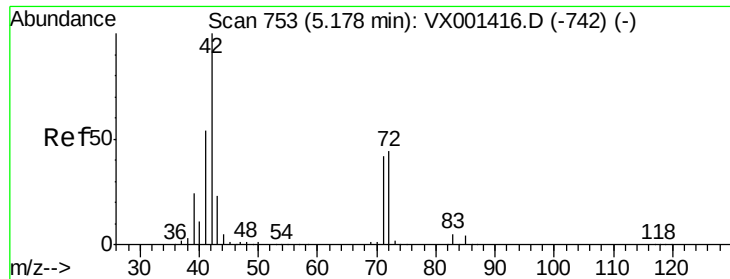


#28

Bromochloromethane
 Concen: 22.26 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	45871		
129	2.5		0.0	4.8
130	86.2		71.9	107.9





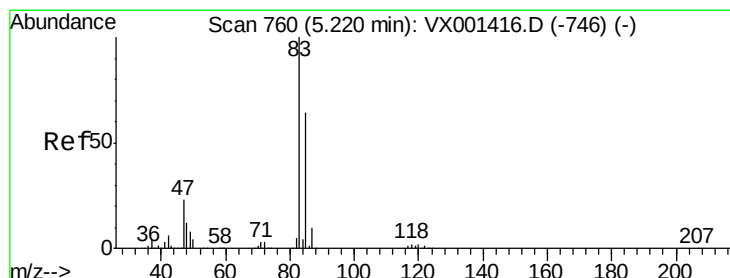
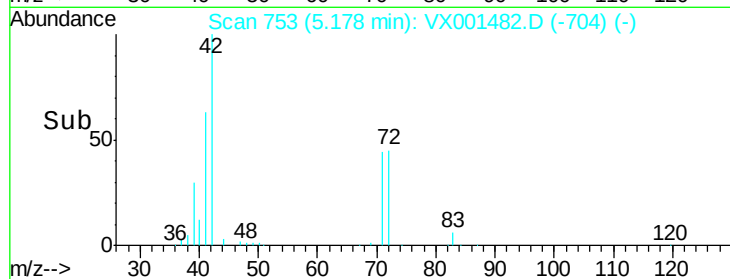
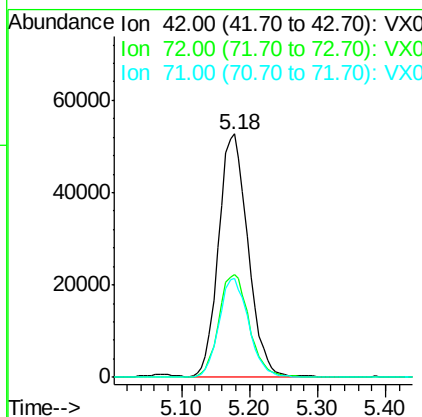
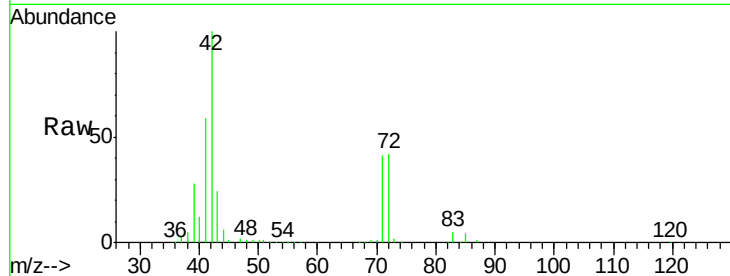
#29
Tetrahydrofuran
Concen: 118.33 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.4	53.2
71	41.1	33.0	49.4

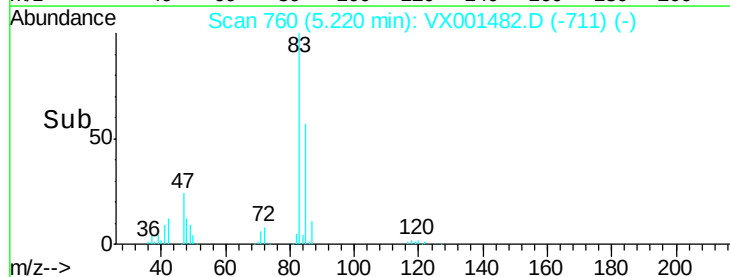
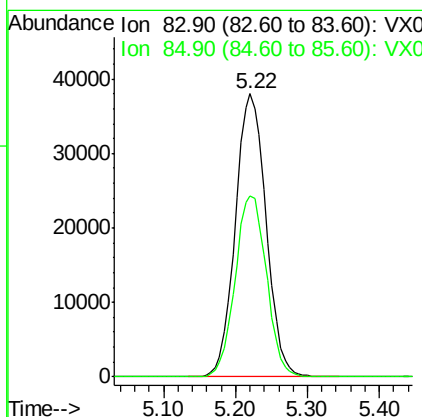
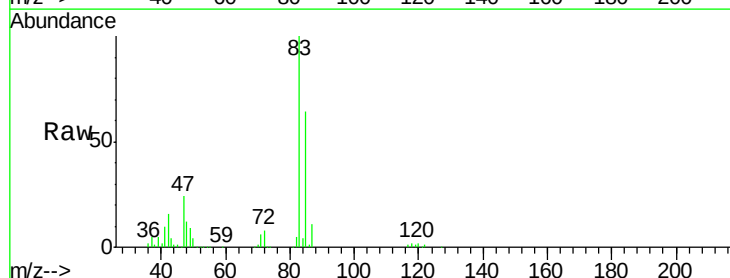
Manual Integrations
APPROVED

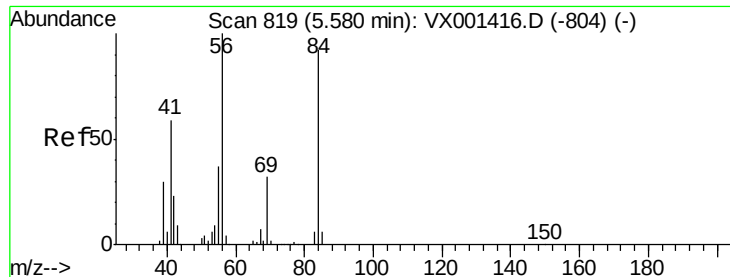
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#30
Chloroform
Concen: 23.00 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.0	76.4





#31

Cyclohexane

Concen: 18.53 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

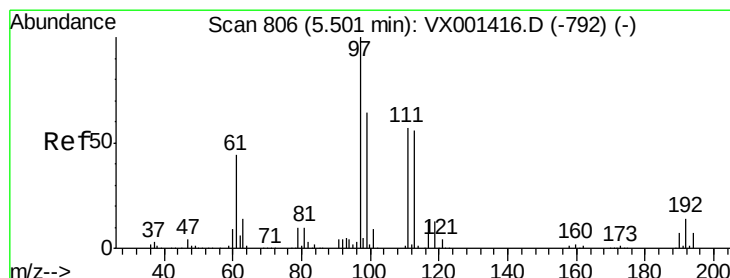
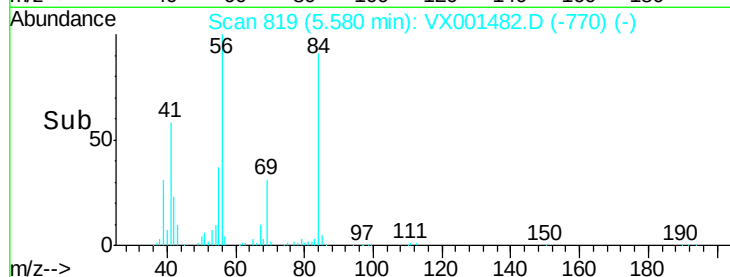
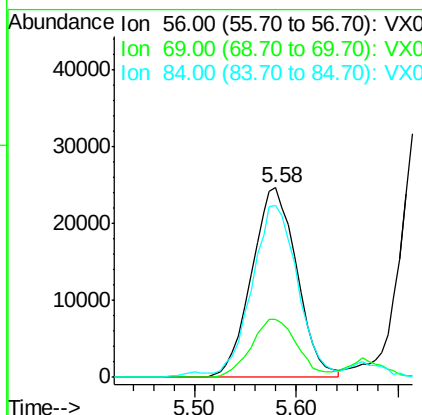
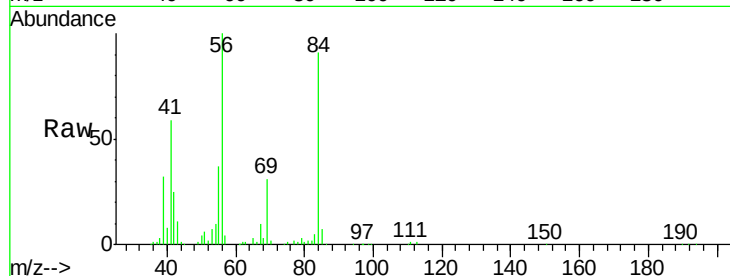
ClientSampleId :

VX0507WBS02

Tot Ion:	56	Resp:	75636
Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.4	38.0
84	88.5	73.8	110.8

Manual Integrations
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5/9/2018 5:47:35 PM



#32

1,1,1-Trichloroethane

Concen: 21.87 ug/l

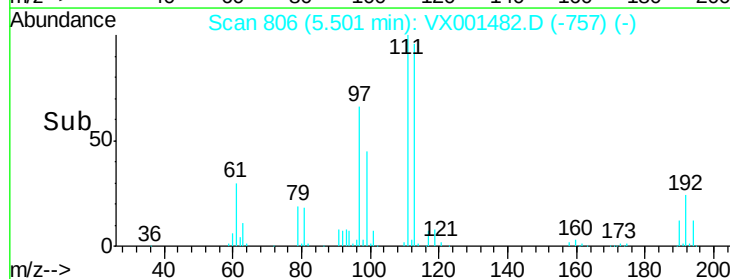
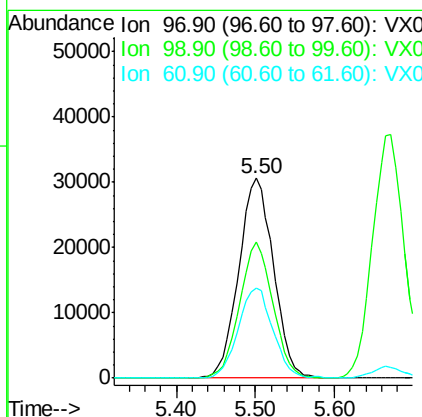
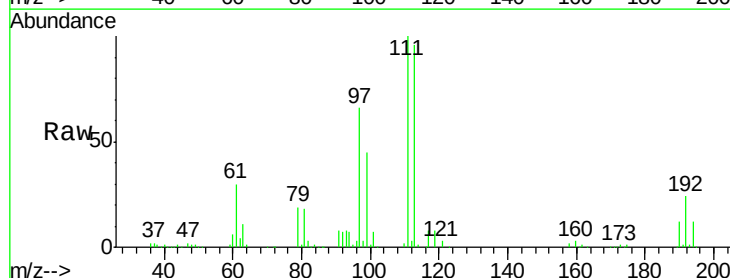
RT: 5.50 min Scan# 806

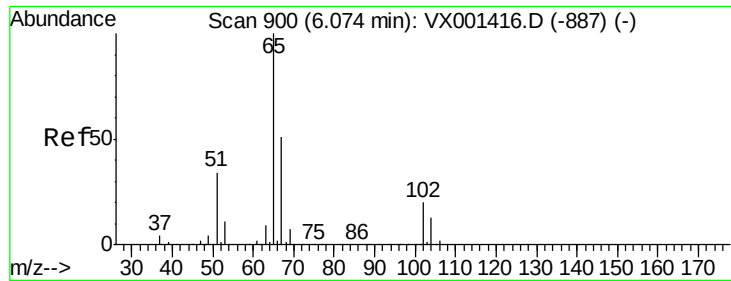
Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Tgt Ion:	97	Resp:	93572
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.3	76.9
61	45.3	34.8	52.2





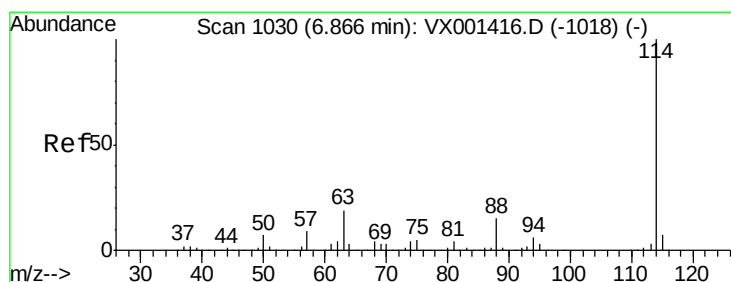
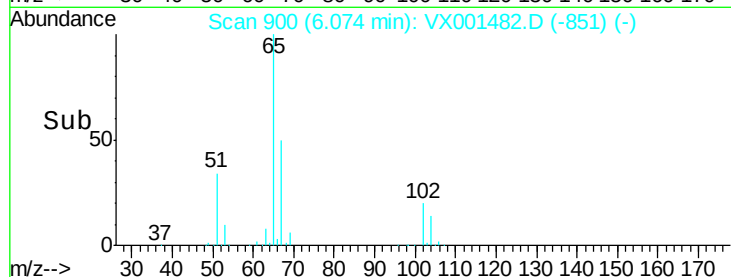
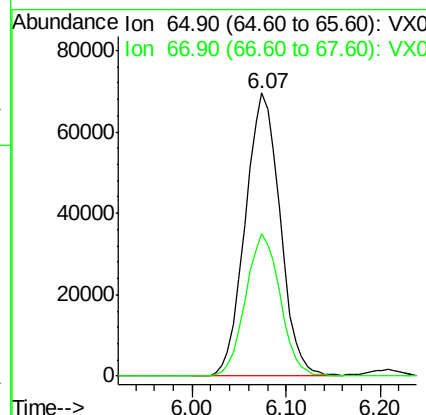
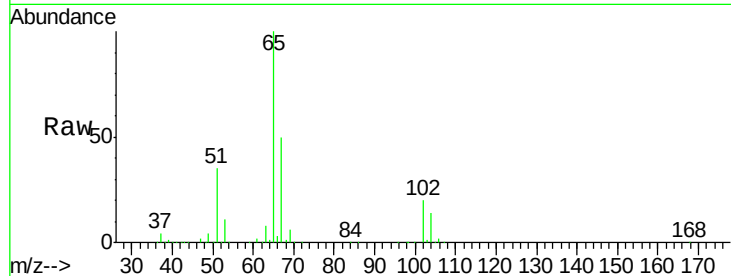
#33
 1,2-Dichloroethane-d4
 Concen: 56.55 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	179422		
67	50.0	0.0	101.8	

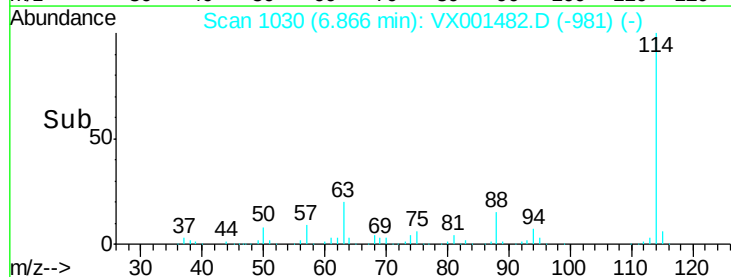
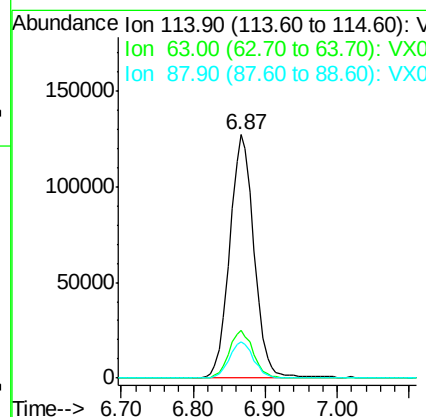
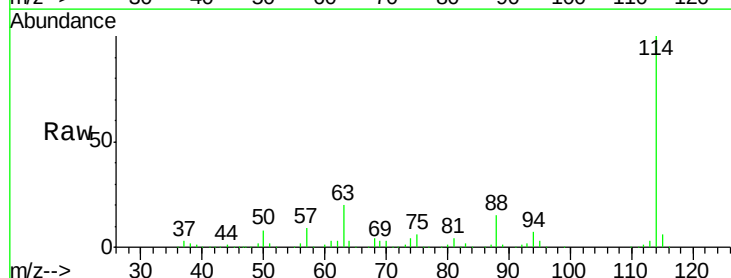
Manual Integrations
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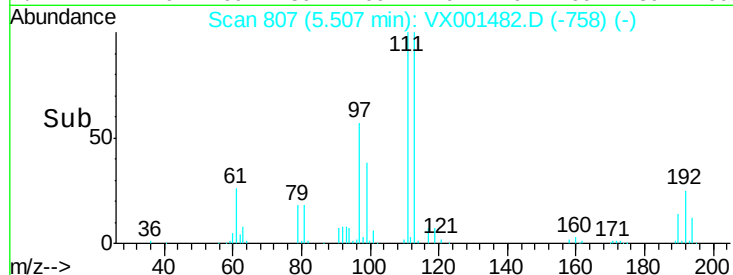
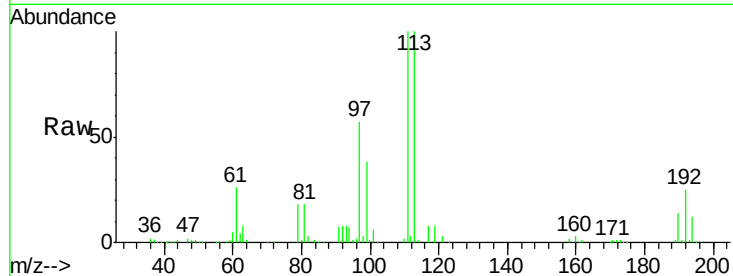
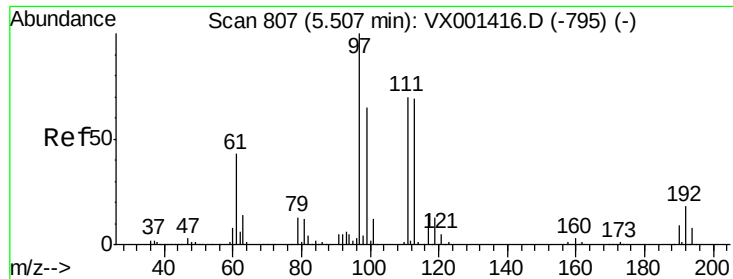
MMDadoda
 5/9/2018 5:47:35 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	300400		
63	19.8	0.0	38.6	
88	14.8	0.0	30.8	





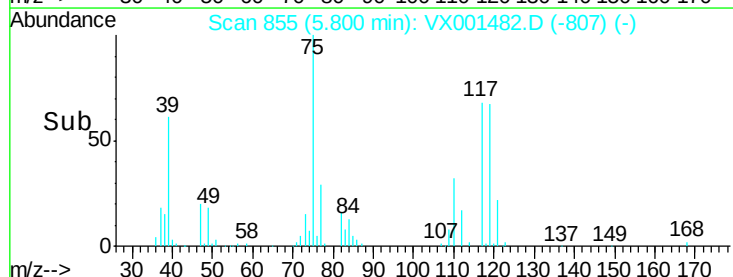
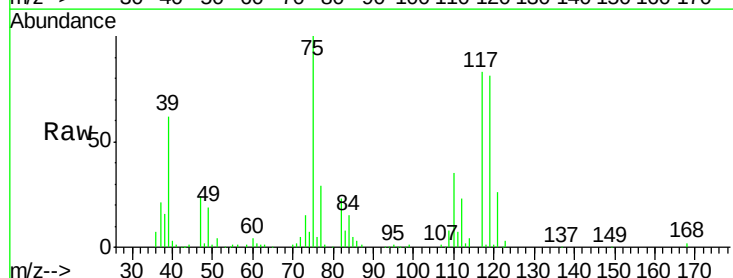
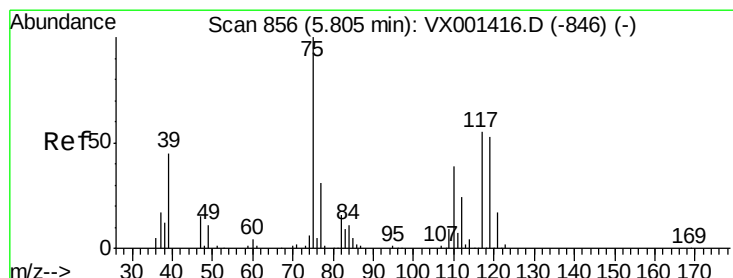
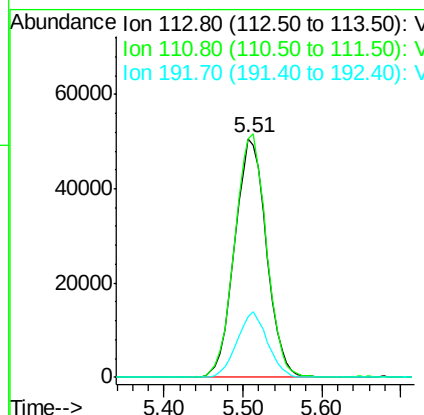
#35
Dibromofluoromethane
Concen: 53.15 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142026		
111	101.9	82.2	123.2	
192	26.4	21.4	32.0	

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

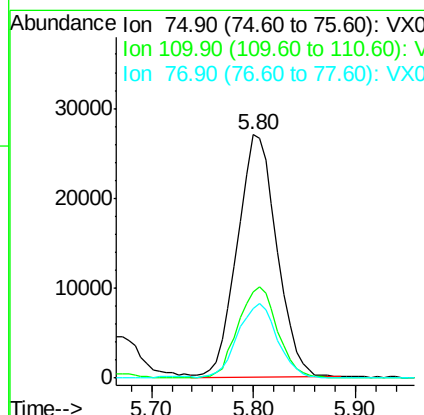
Manual Integrations
APPROVED

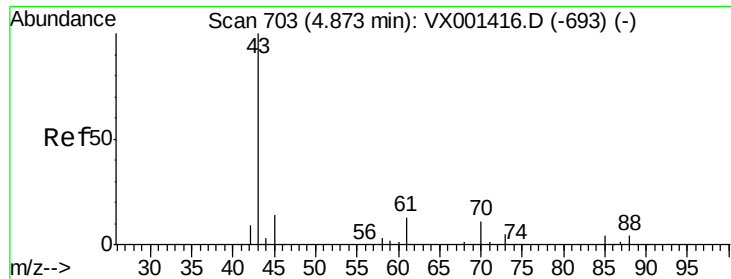
MMDadoda
5/9/2018 5:47:35 PM



#36
1,1-Dichloropropene
Concen: 18.99 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.01 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72572		
110	37.7	18.9	56.7	
77	31.0	24.9	37.3	





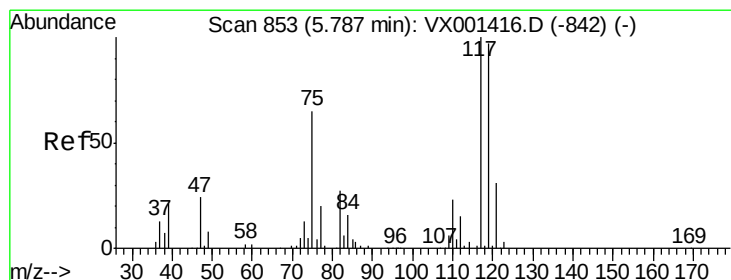
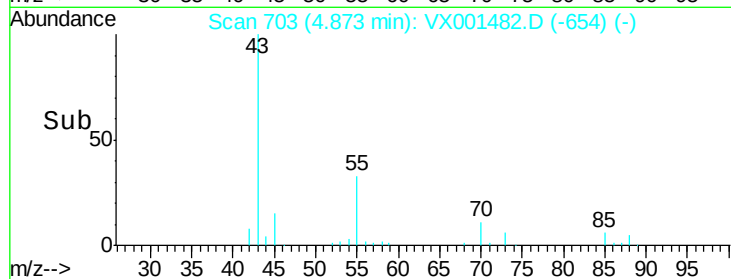
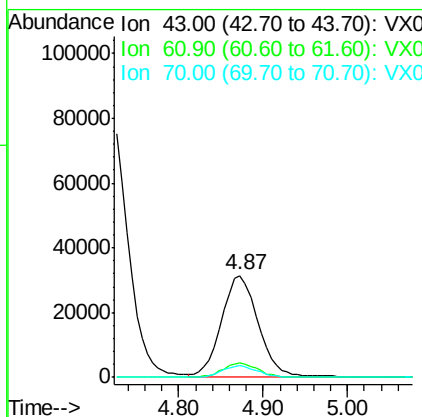
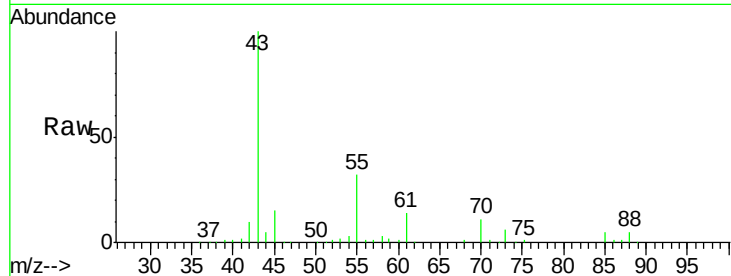
#37
Ethyl Acetate
Concen: 22.05 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampled :
VX0507WBS02

Tot Ion	43	61	70
Resp	92363		
Ratio	100	13.3	11.0
Lower		10.7	8.4
Upper		16.1	12.6

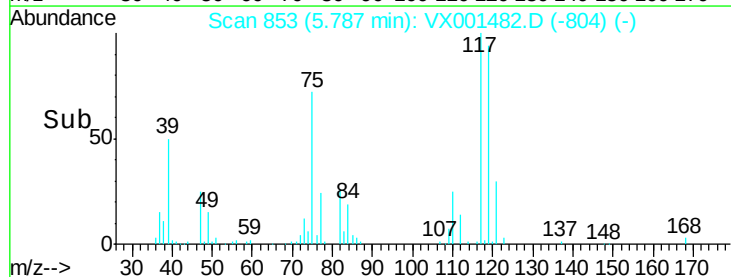
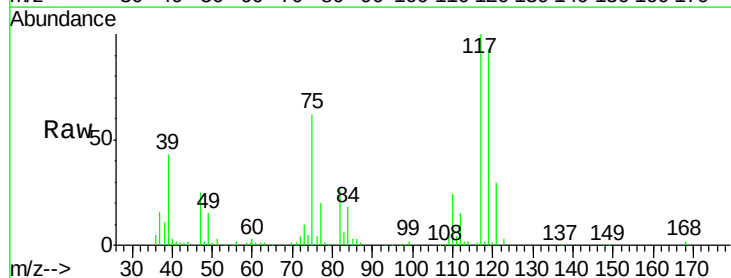
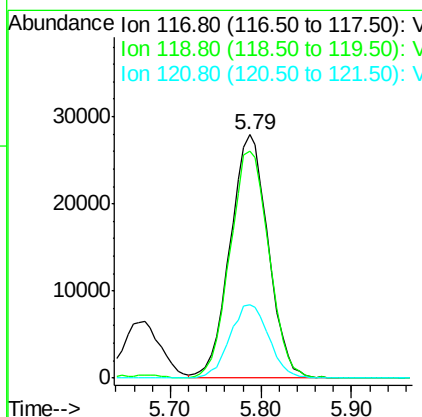
Manual Integrations
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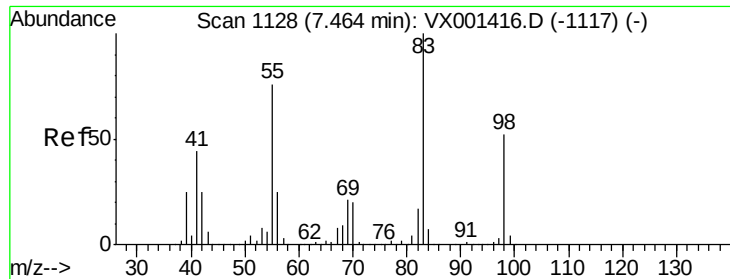
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#38
Carbon Tetrachloride
Concen: 19.92 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	117	119	121
Resp	81164		
Ratio	100	93.0	30.1
Lower		77.0	25.1
Upper		115.6	37.7





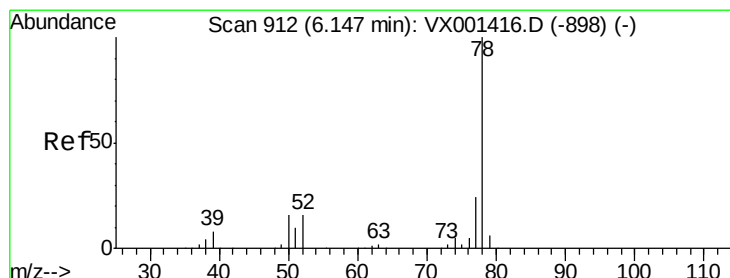
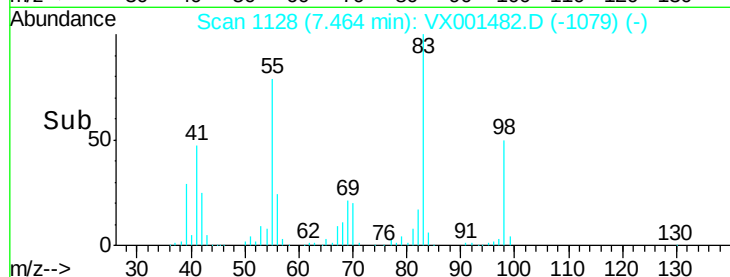
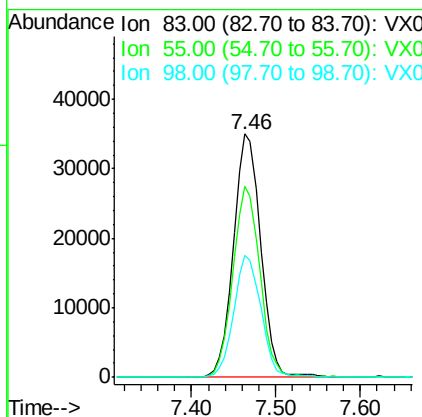
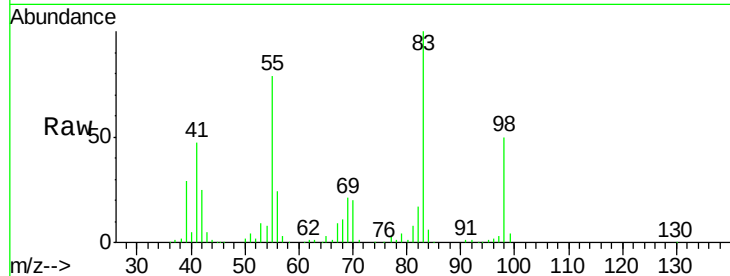
#39
Methylvlcyclohexane
Concen: 16.93 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	60.9	91.3
98	50.3	41.9	62.9

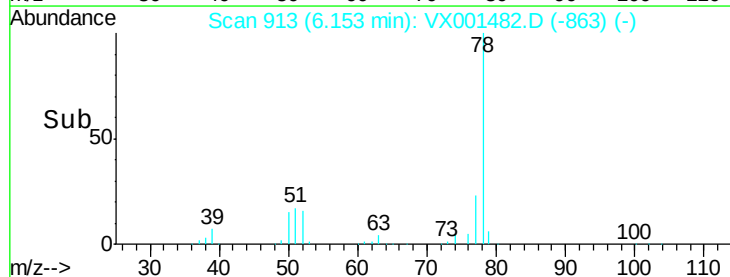
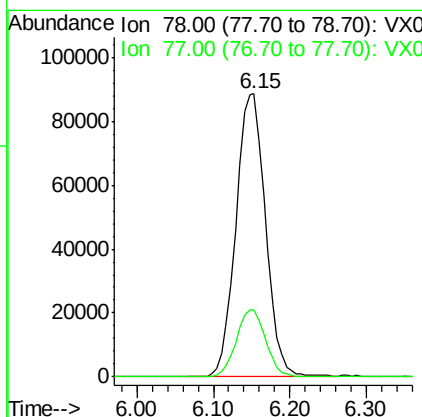
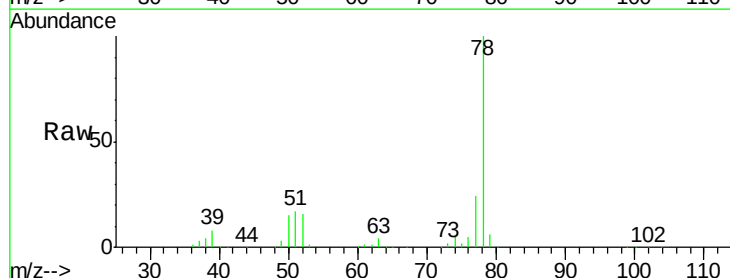
Manual Integrations
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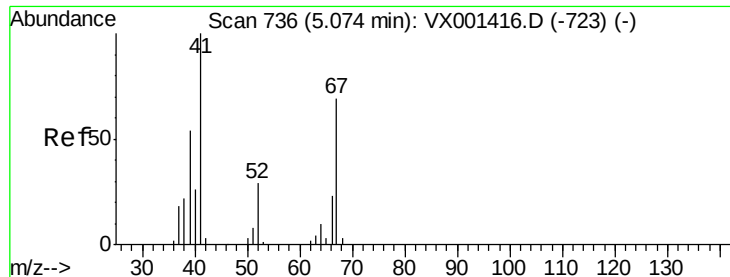
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5/9/2018 5:47:35 PM



#40
Benzene
Concen: 21.36 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.2





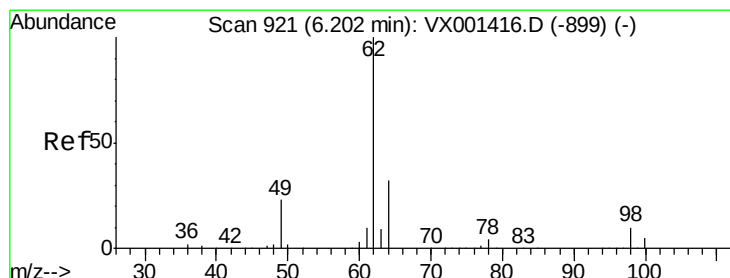
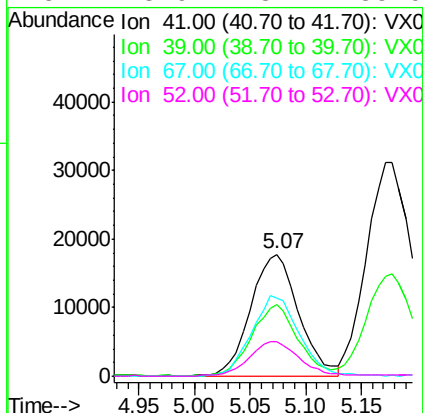
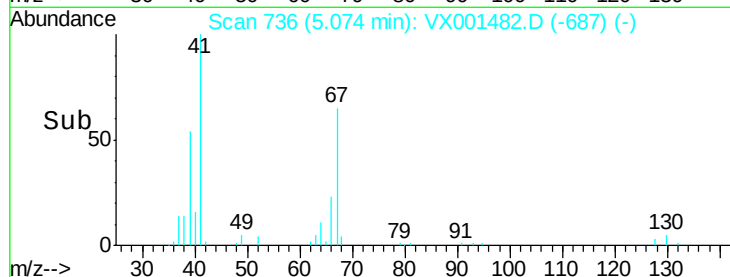
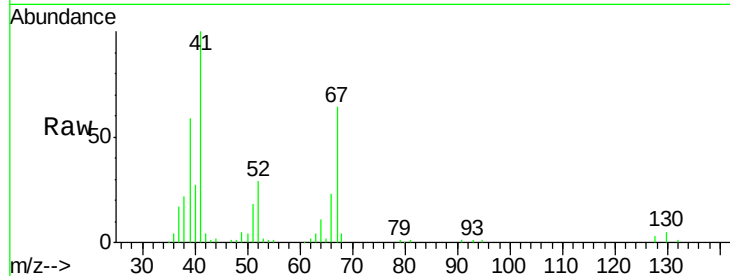
#41
Methacrylonitrile
Concen: 22.06 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		52862		
39	56.6	45.0	67.6		
67	66.3	55.0	82.6		
52	28.9	23.4	35.0		

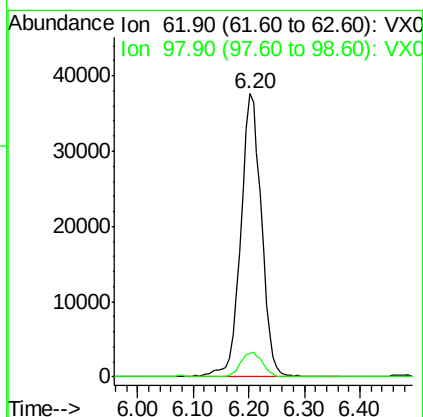
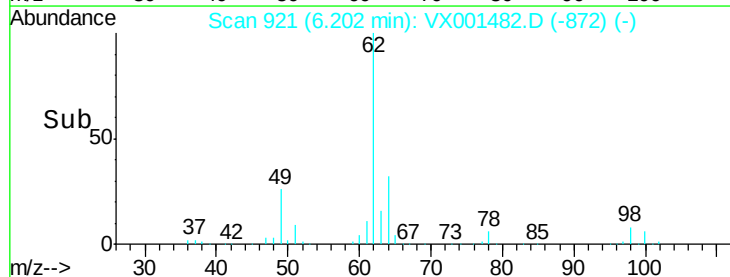
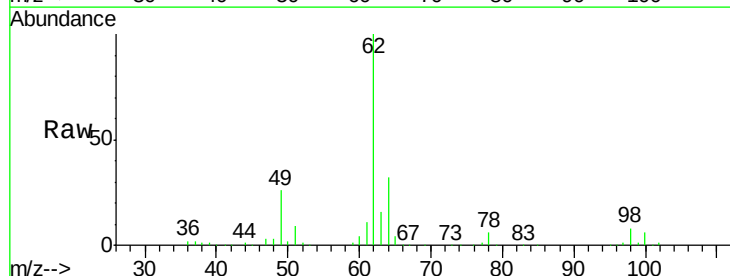
Manual Integrations
APPROVED

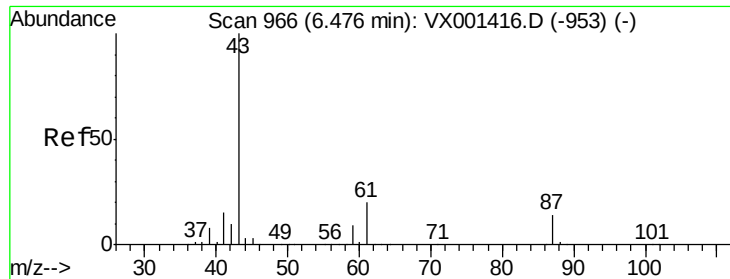
MMDadoda
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#42
1,2-Dichloroethane
Concen: 22.65 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		97179		
98	9.1	0.0	19.0		





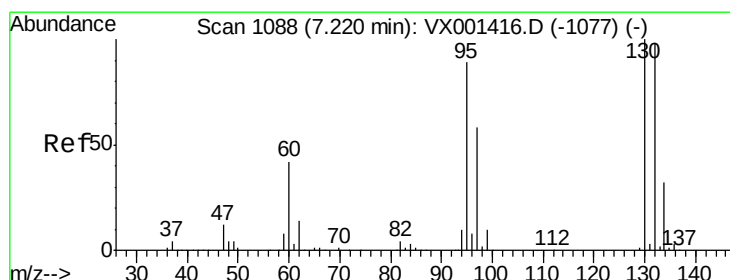
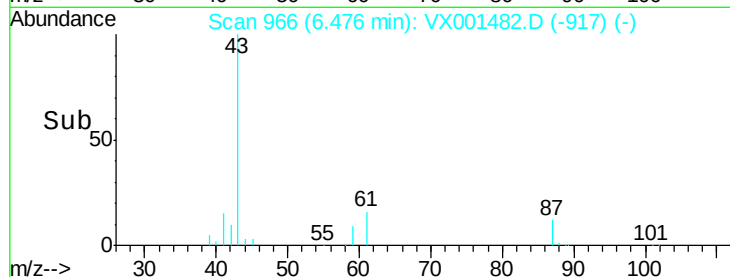
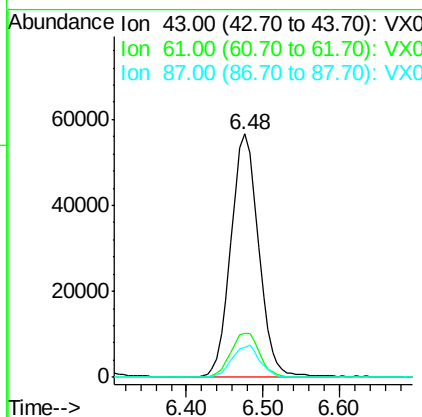
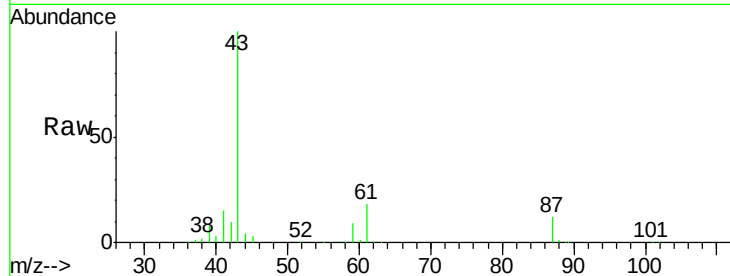
#43
Isopropyl Acetate
Concen: 22.17 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	13.2	10.8	16.2

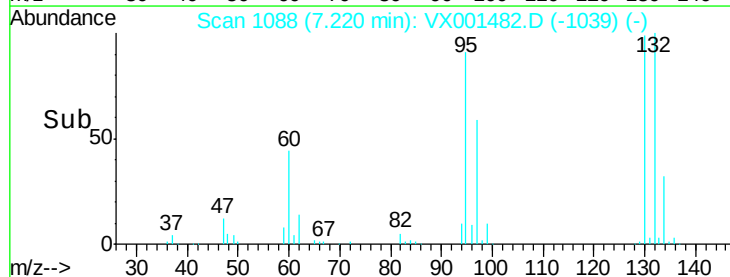
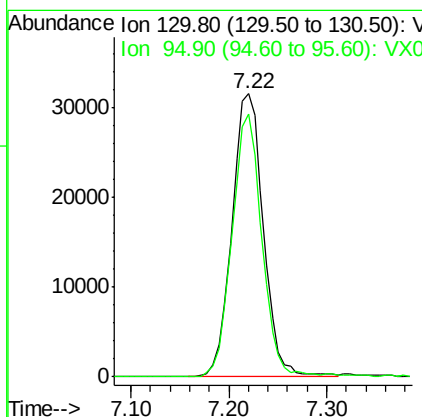
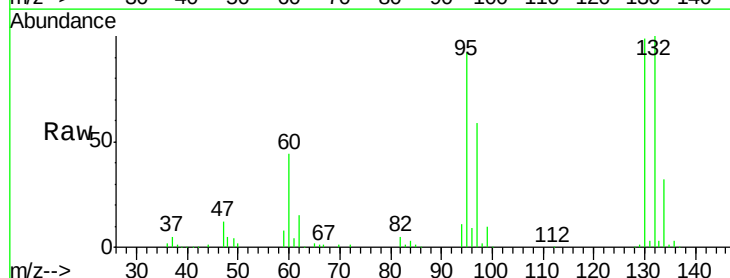
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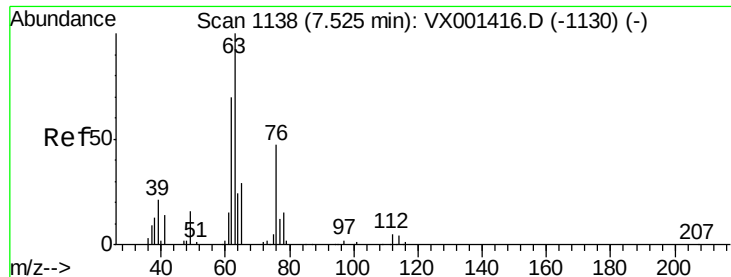
MMDadoda
5/9/2018 5:47:35 PM



#44
Trichloroethene
Concen: 20.55 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	178.4





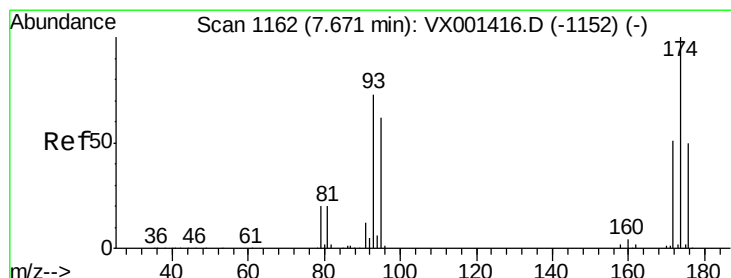
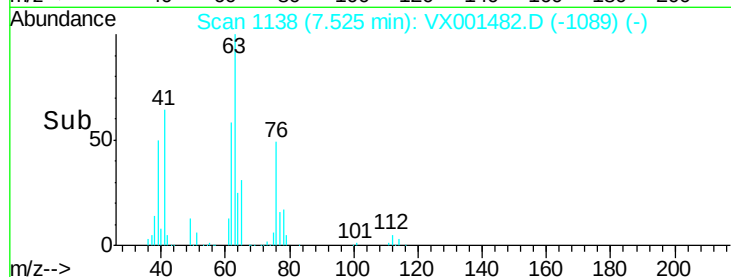
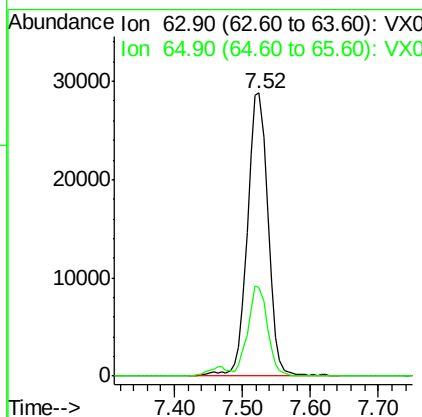
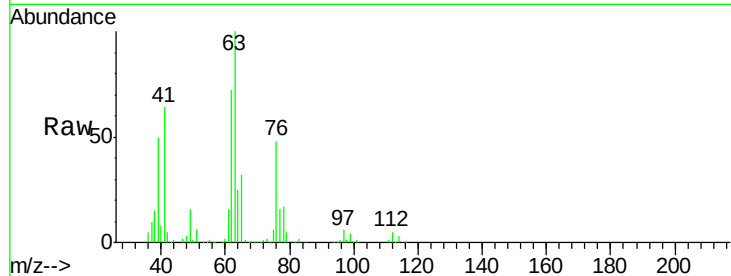
#45
 1,2-Dichloropropane
 Concen: 22.02 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tot Ion: 63 Resp: 61257
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.5 36.7

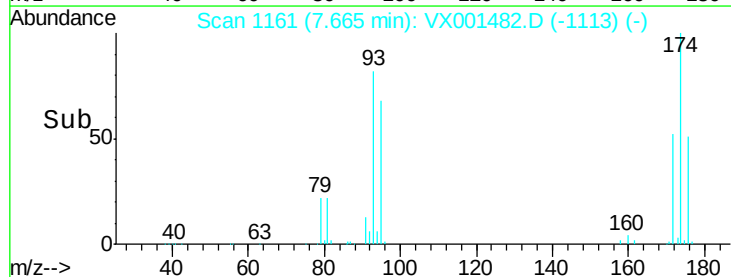
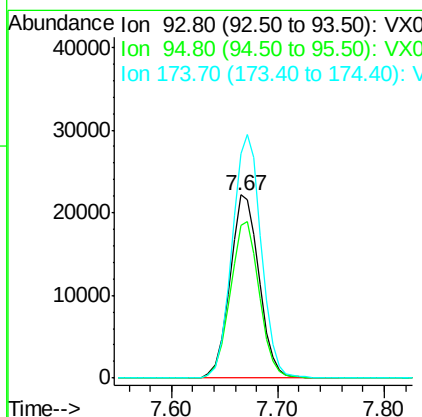
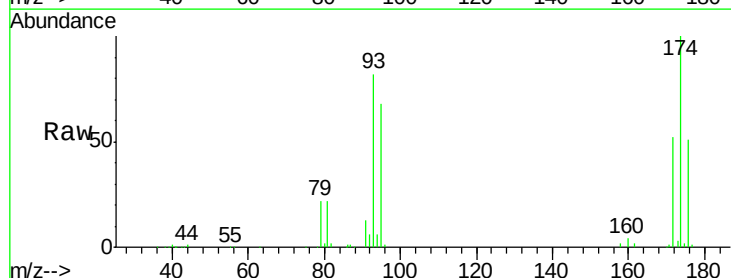
Manual Integrations
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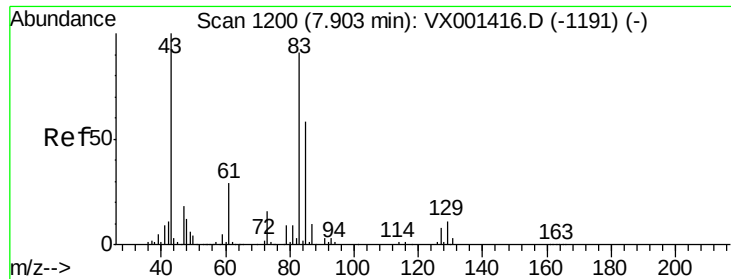
MMDadoda
 5/9/2018 5:47:35 PM



#46
 Dibromomethane
 Concen: 21.61 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion: 93 Resp: 42573
 Ion Ratio Lower Upper
 93 100
 95 85.4 67.0 100.4
 174 132.4 104.5 156.7





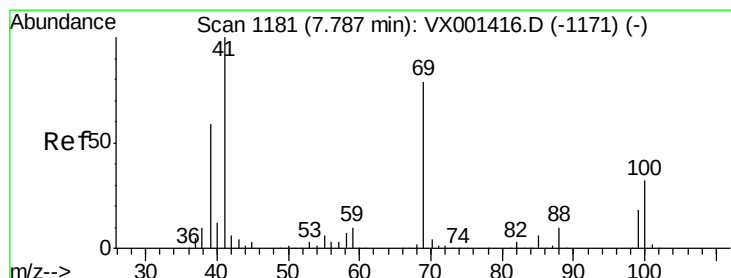
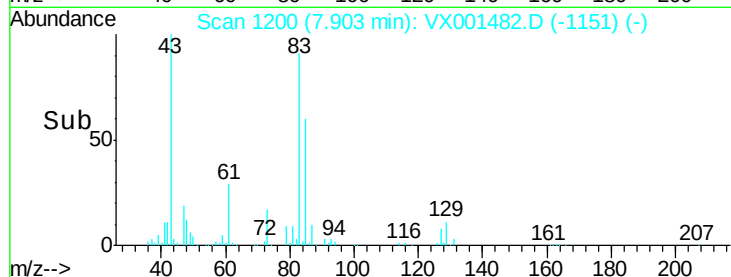
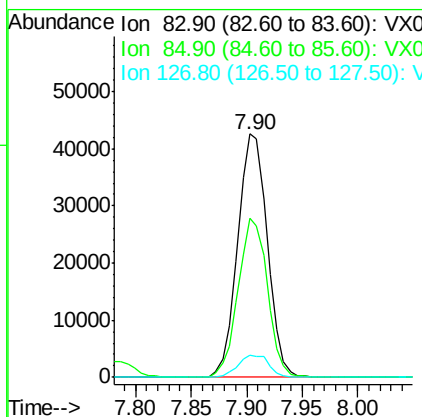
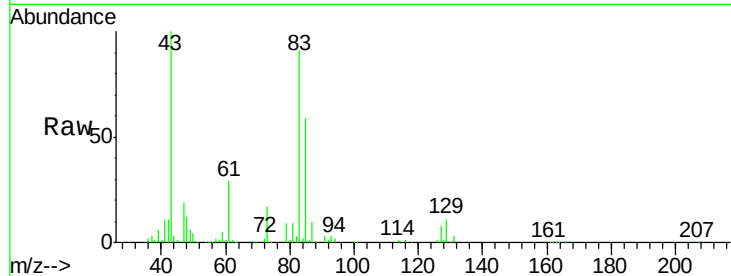
#47
 Bromodichloromethane
 Concen: 21.63 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tot Ion	83	Resp	78842
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.0	76.6
127	9.3	7.4	11.2

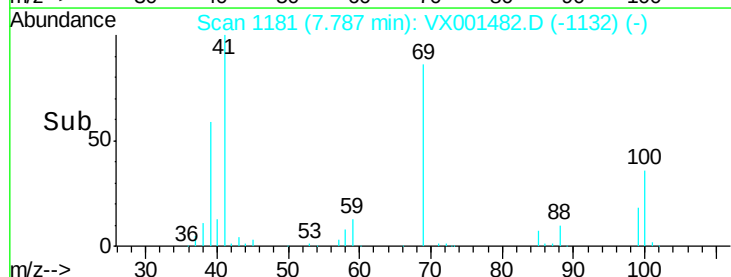
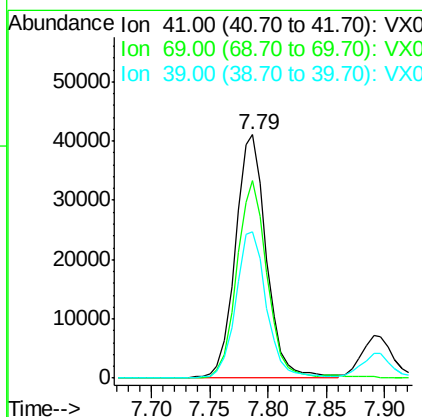
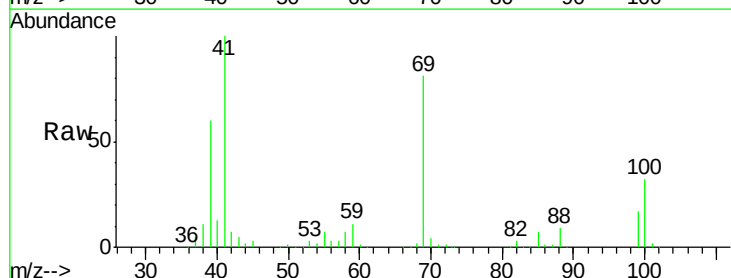
Manual Integrations
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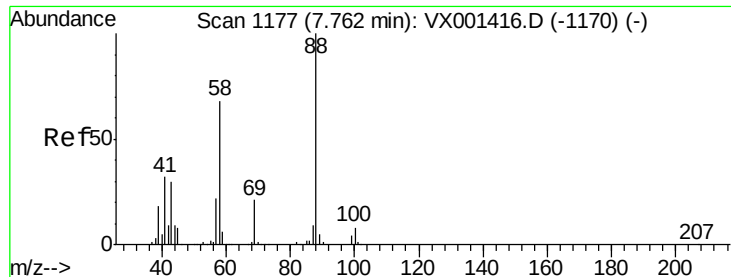
MMDadoda
 5/9/2018 5:47:35 PM



#48
 Methyl methacrylate
 Concen: 21.68 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion	41	Resp	75894
Ion	Ratio	Lower	Upper
41	100		
69	79.0	63.4	95.2
39	58.9	47.0	70.4





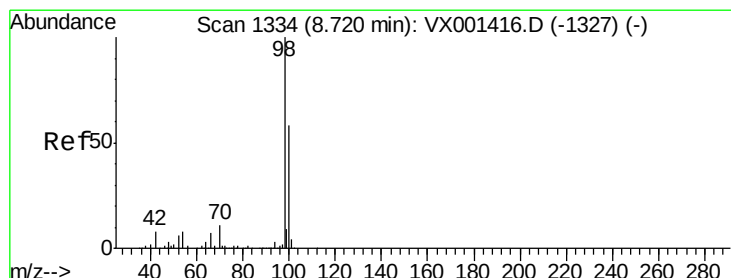
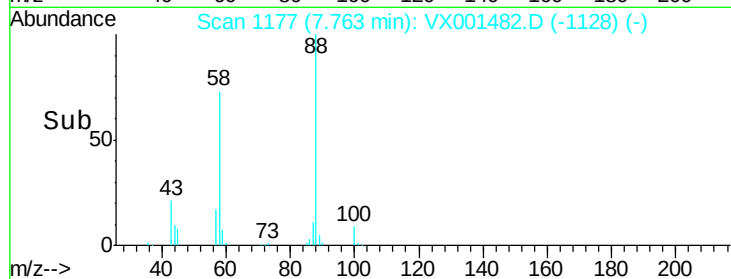
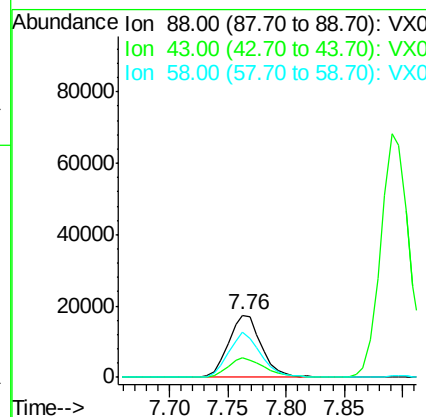
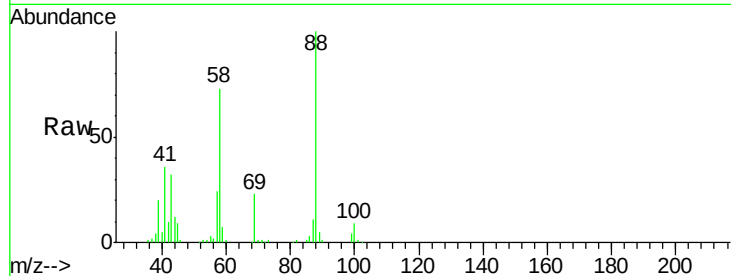
#49
1,4-Dioxane
Concen: 449.04 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	34.4	26.4	39.6	
58	71.4	54.1	81.1	

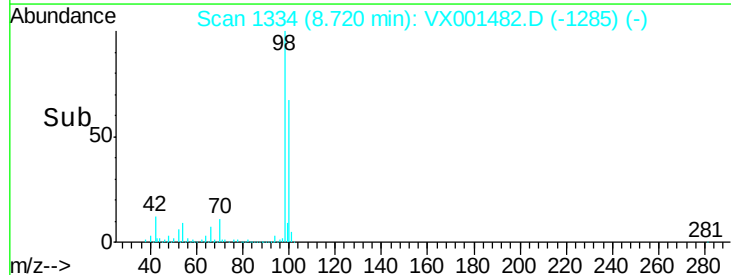
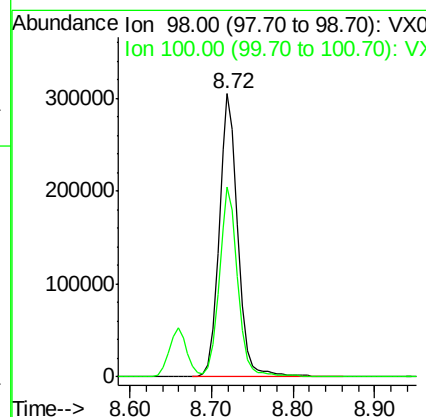
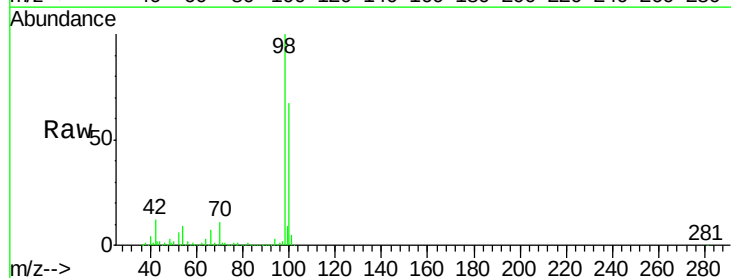
Manual Integrations
APPROVED

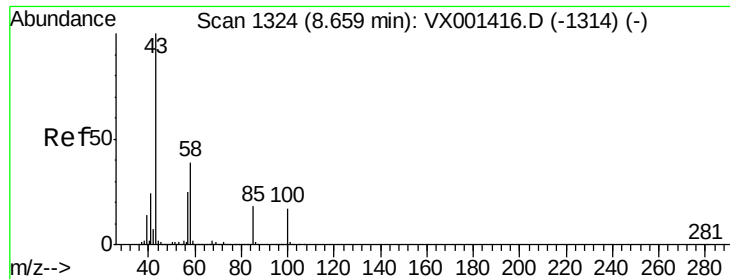
MMDadoda
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#50
Toluene-d8
Concen: 49.96 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	67.1	54.0	81.0	





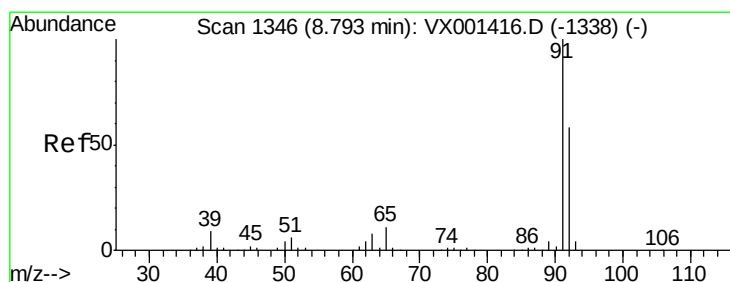
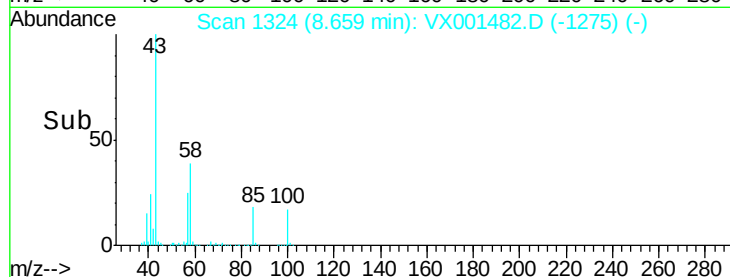
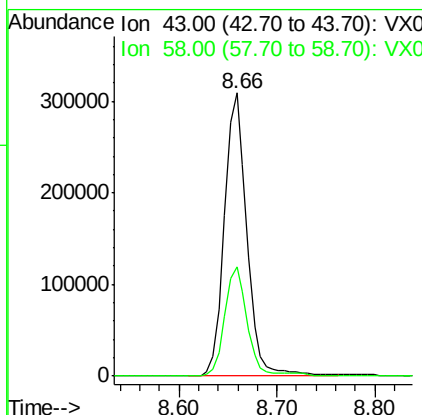
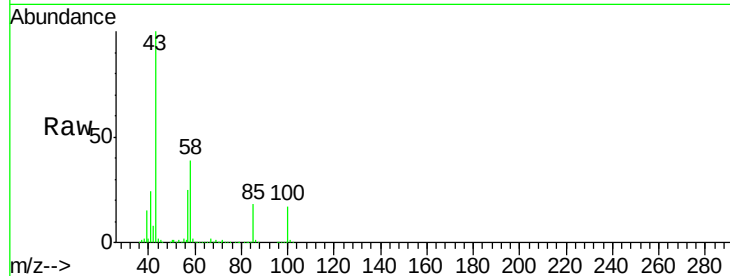
#51
4-Methyl-2-Pentanone
Concen: 115.72 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.8	46.2

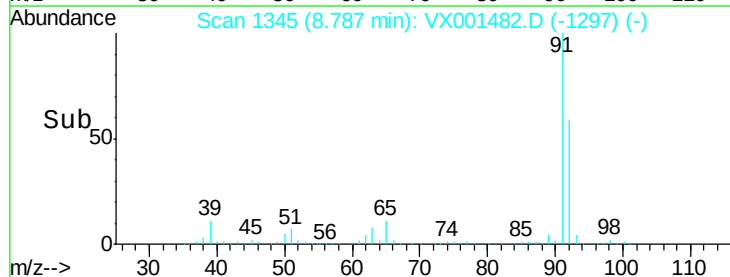
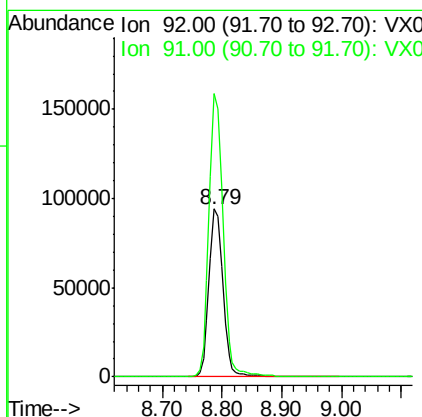
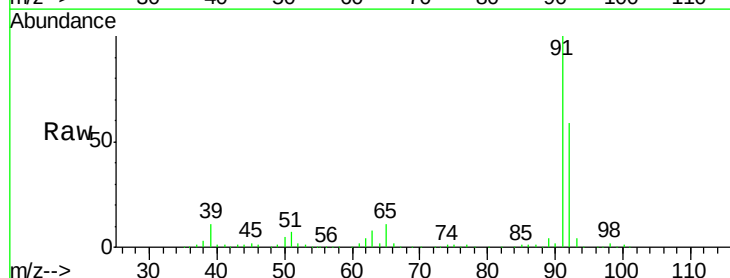
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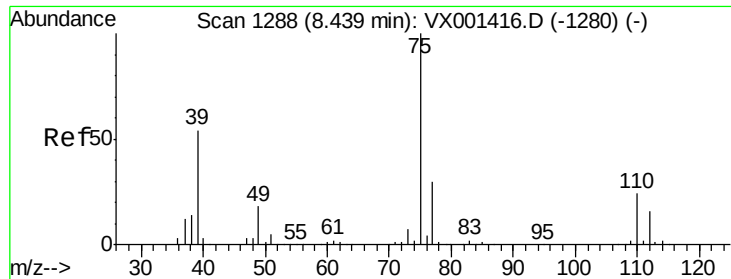
MMDadoda
5/9/2018 5:47:35 PM



#52
Toluene
Concen: 20.98 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.4	135.2	202.8





#53

t-1,3-Dichloropropene

Concen: 21.23 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tot Ion: 75 Resp: 87477

Ion Ratio Lower Upper

75 100

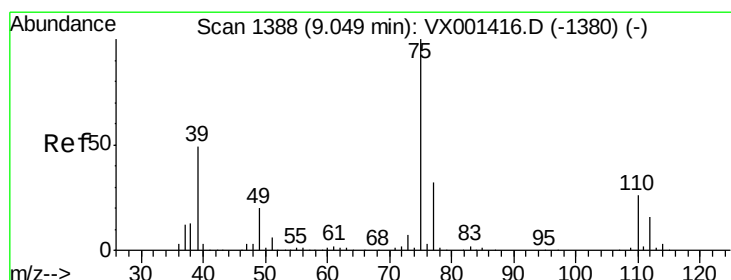
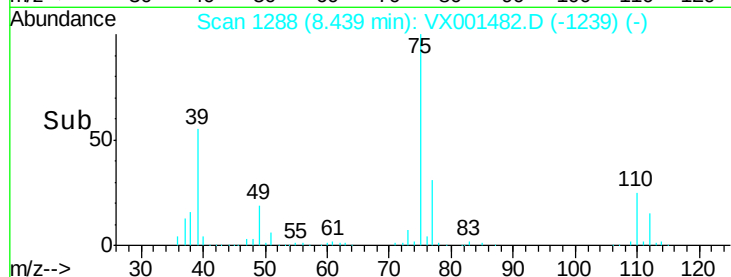
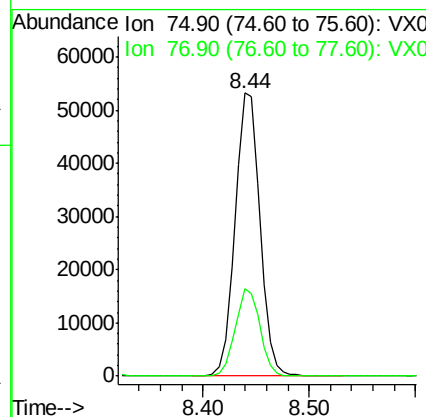
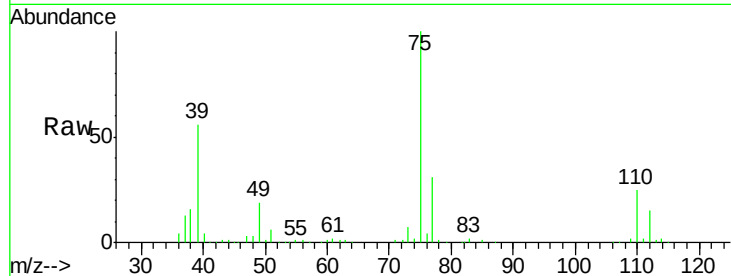
77 30.7 24.2 36.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.69 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

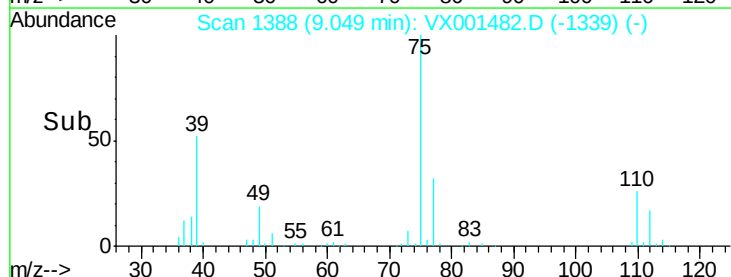
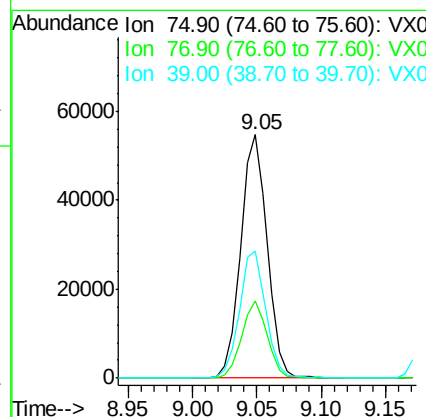
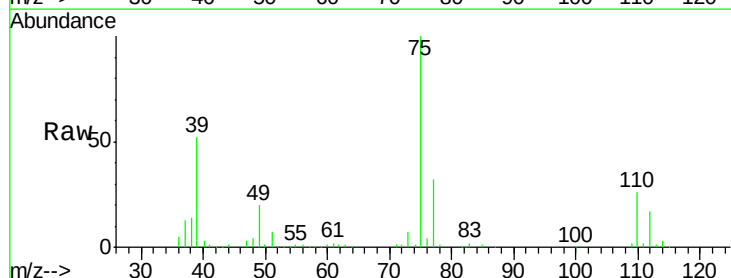
Tgt Ion: 75 Resp: 77762

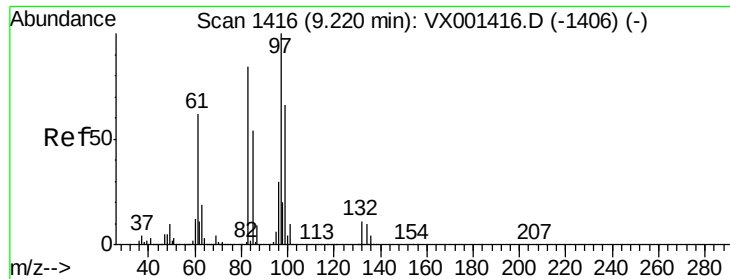
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 52.0 38.9 58.3





#55

1,1,2-Trichloroethane

Concen: 21.66 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

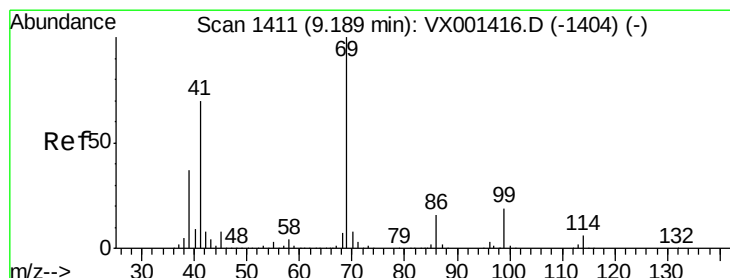
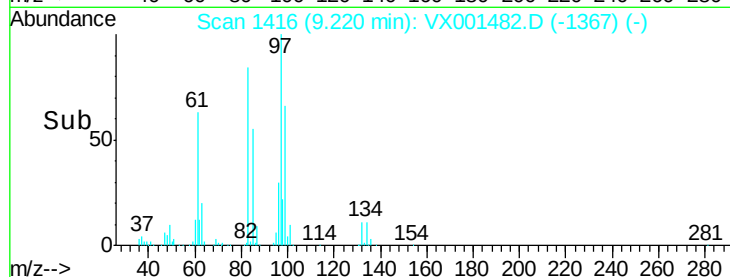
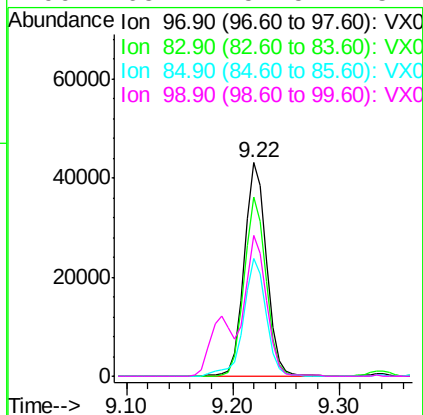
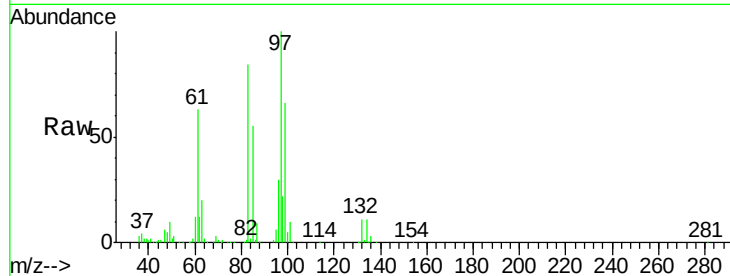
ClientSampleId :

VX0507WBS02

Tot Ion:	97	Resp:	63689
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.4	101.0
85	55.3	43.3	64.9
99	65.7	52.5	78.7

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#56

Ethyl methacrylate

Concen: 21.28 ug/l

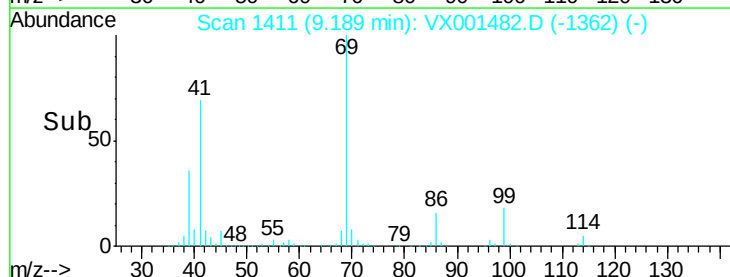
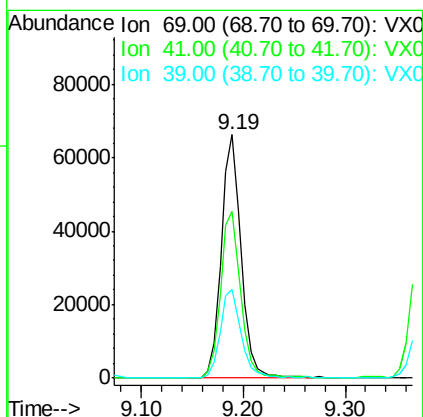
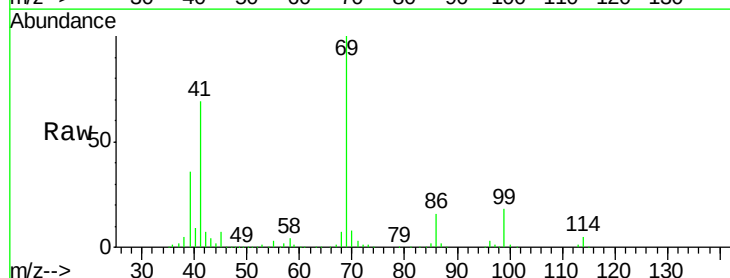
RT: 9.19 min Scan# 1411

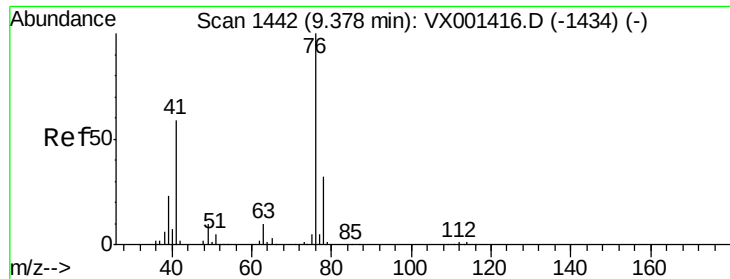
Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Tgt Ion:	69	Resp:	90191
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.1	82.7
39	37.9	29.9	44.9





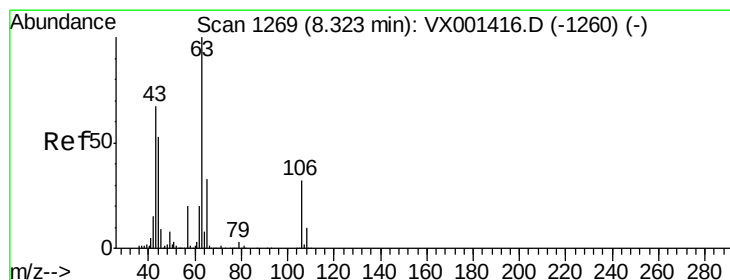
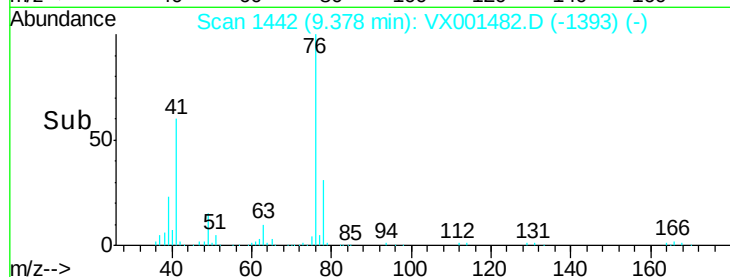
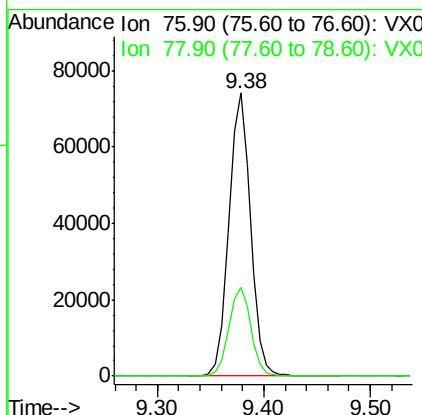
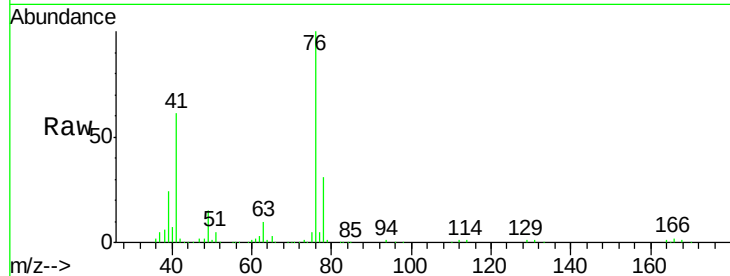
#57
 1,3-Dichloropropane
 Concen: 21.80 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

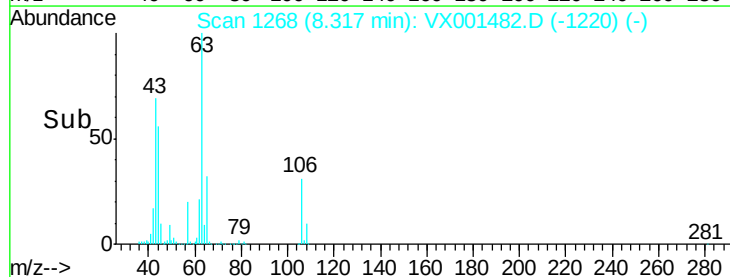
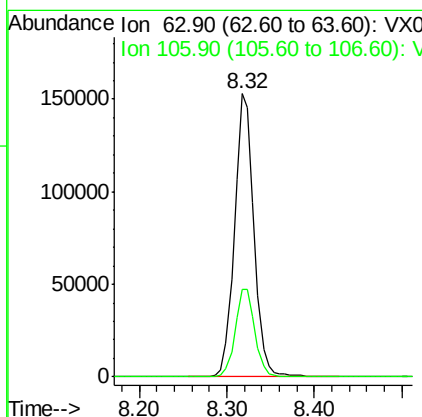
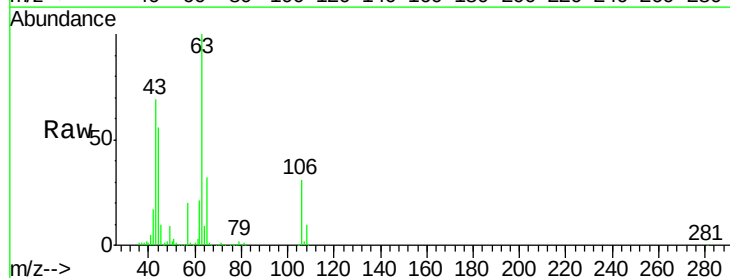
Manual Integrations
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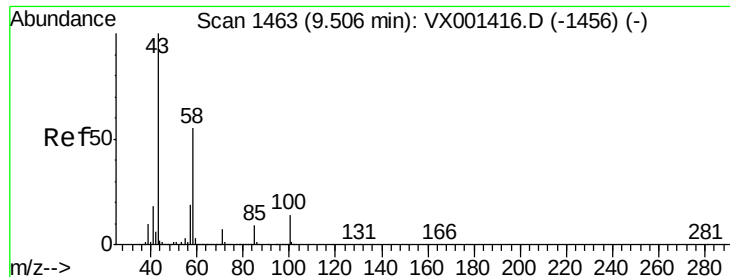
MMDadoda
 5/9/2018 5:47:35 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.18 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.6	25.4	38.0





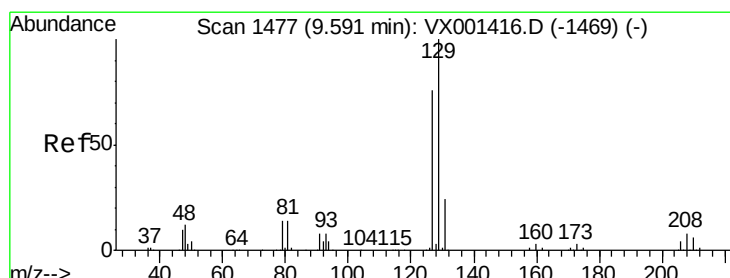
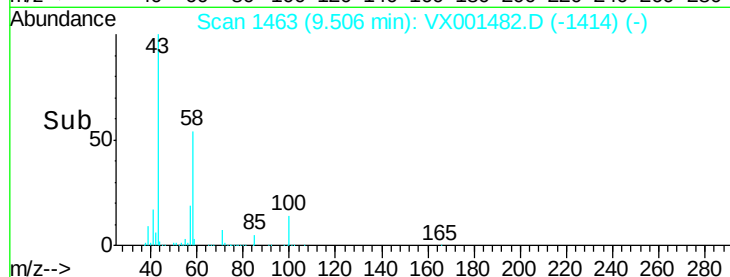
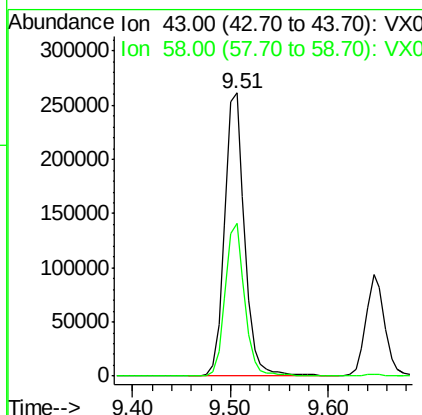
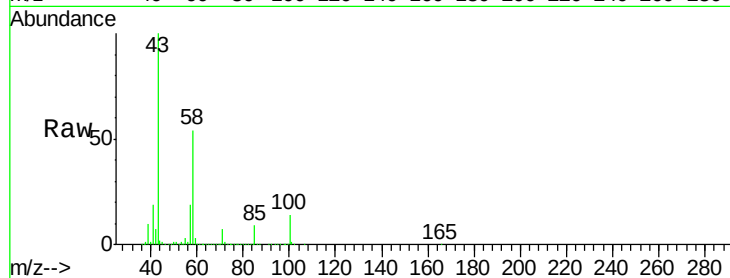
#59
2-Hexanone
Concen: 112.80 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.3	27.1	81.2

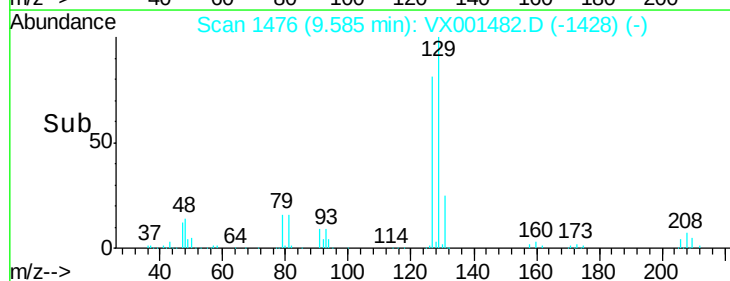
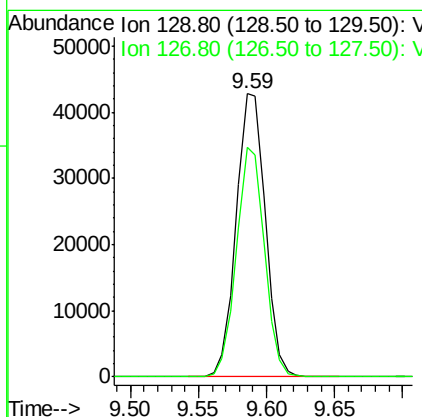
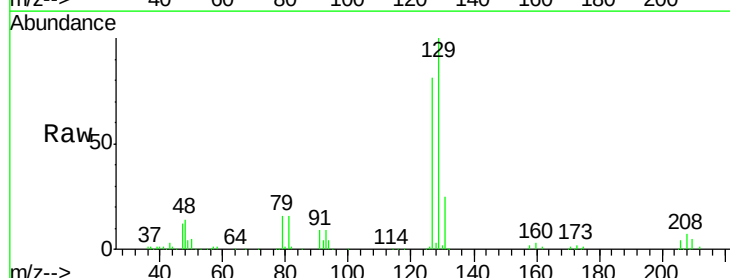
Manual Integrations
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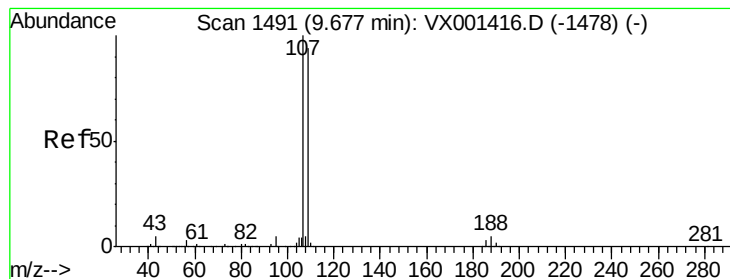
MMDadoda
5/9/2018 5:47:35 PM



#60
Dibromochloromethane
Concen: 21.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.1	114.5





#61

1,2-Dibromoethane

Concen: 22.12 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tot Ion:107 Resp: 68282

Ion Ratio Lower Upper

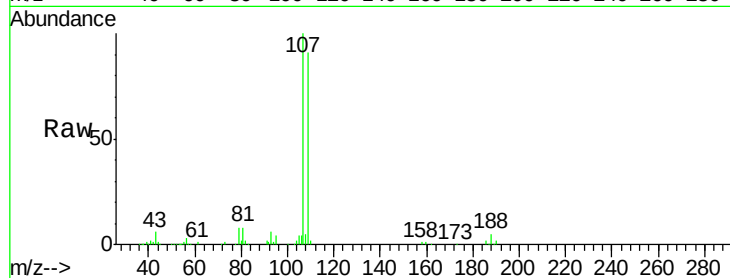
107 100

109 94.2 75.5 113.3

Manual Integrations
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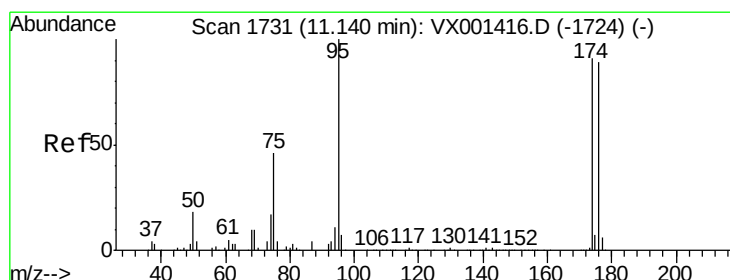
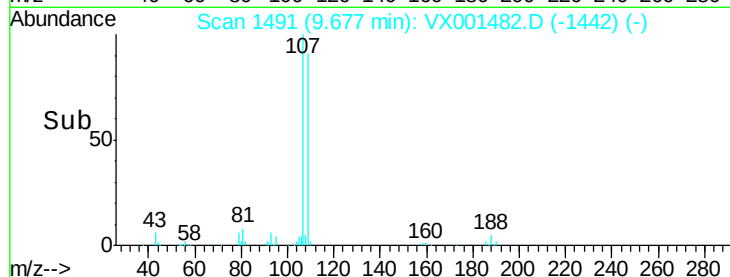
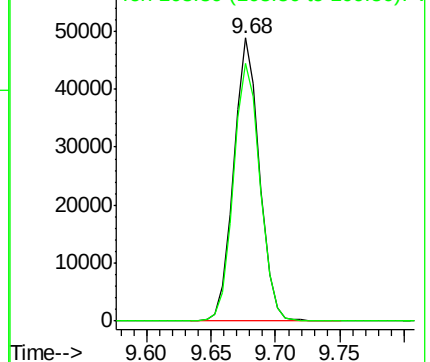
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

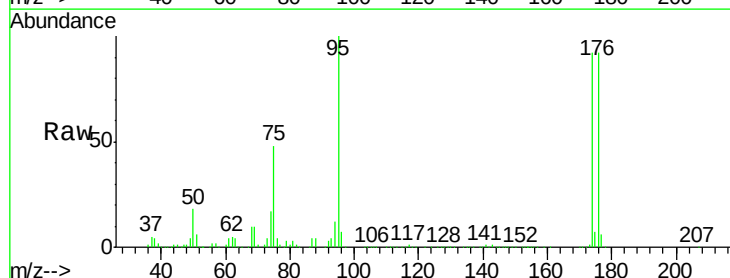
Tgt Ion: 95 Resp: 180037

Ion Ratio Lower Upper

95 100

174 101.3 0.0 202.0

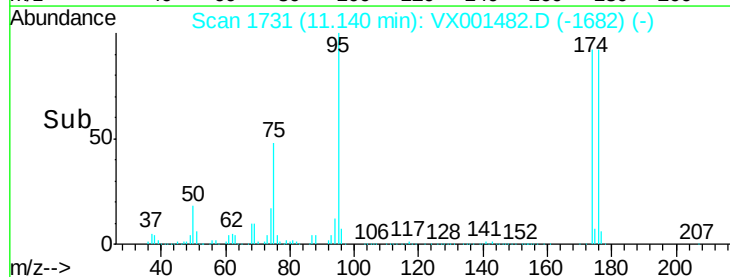
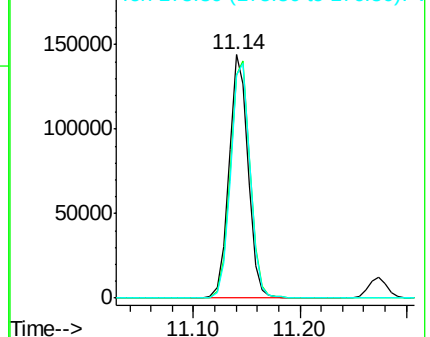
176 99.2 0.0 197.4

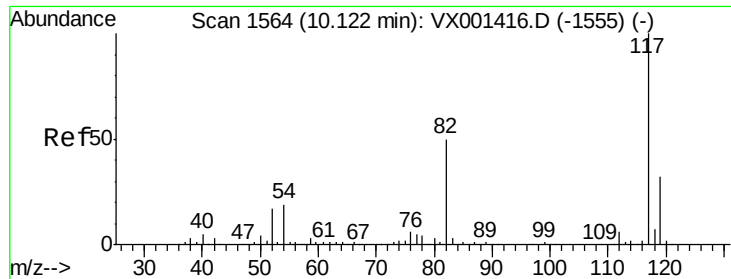


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





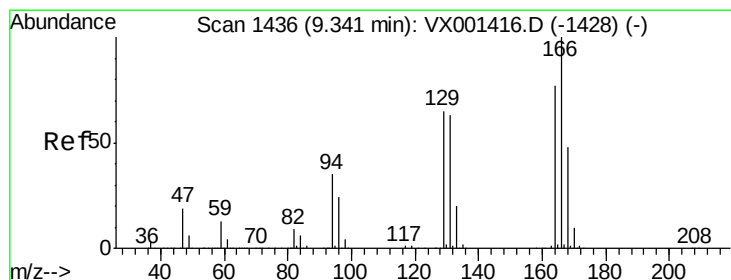
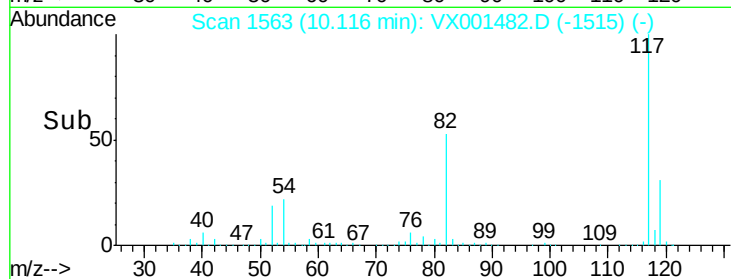
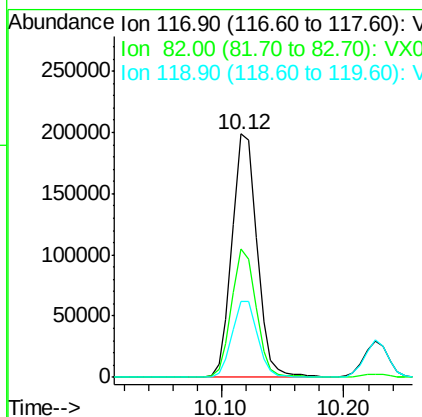
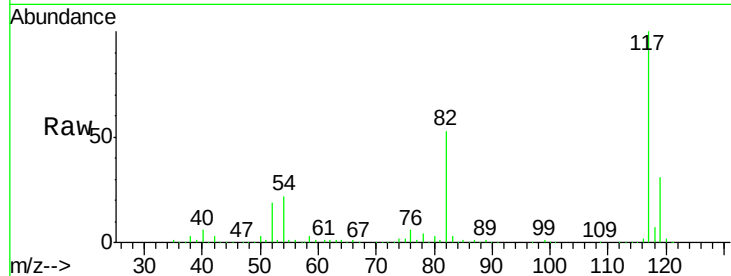
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	40.0	60.0
119	31.3	25.8	38.8

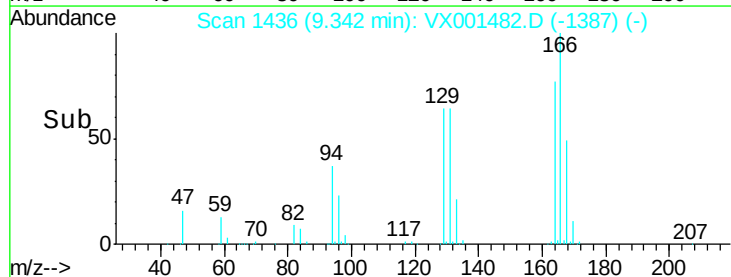
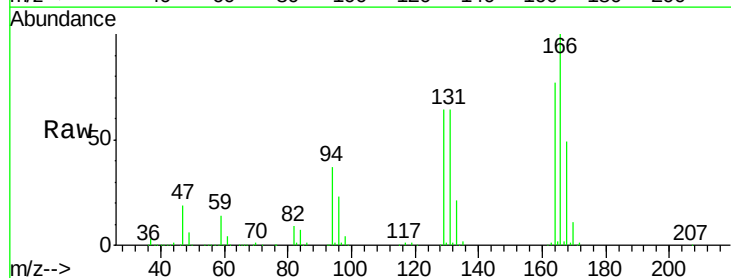
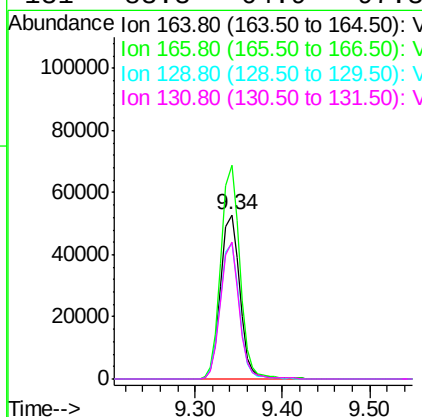
Manual Integrations
APPROVED

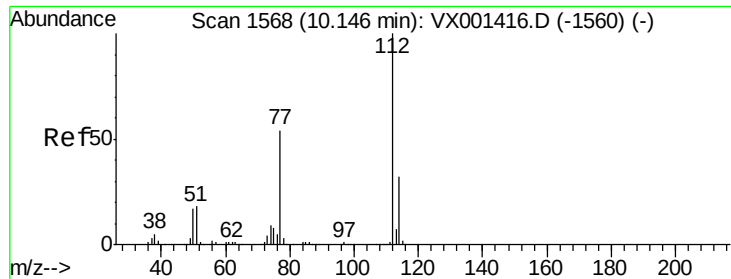
MMDadoda
5/9/2018 5:47:35 PM



#64
Tetrachloroethene
Concen: 20.55 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	103.5	155.3
129	83.1	66.7	100.1
131	83.3	64.9	97.3





#65

Chlorobenzene

Concen: 20.76 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tot Ion:112 Resp: 171097

Ion Ratio Lower Upper

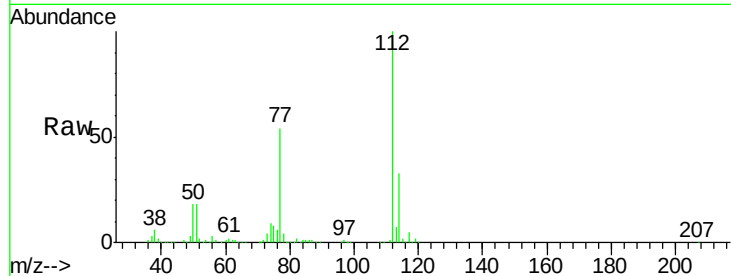
112 100

114 33.0 26.0 39.0

Manual Integrations
APPROVED

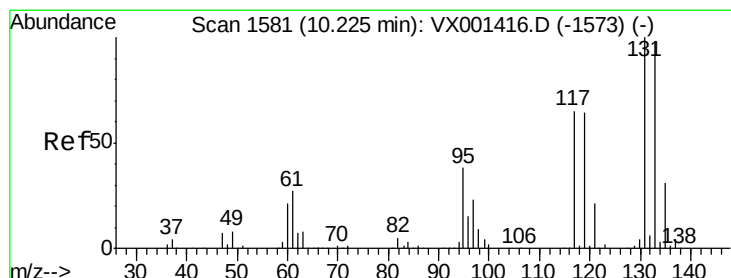
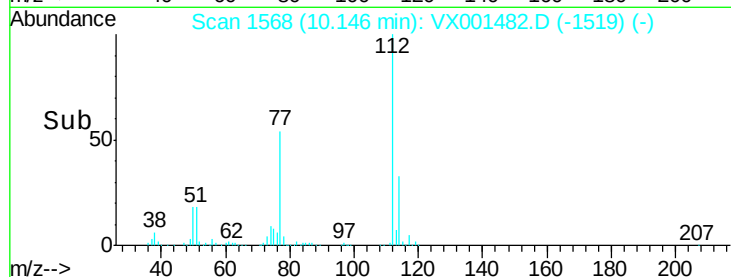
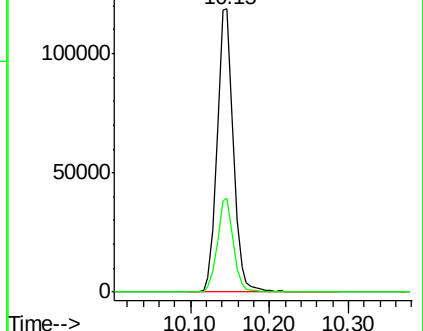
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.49 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

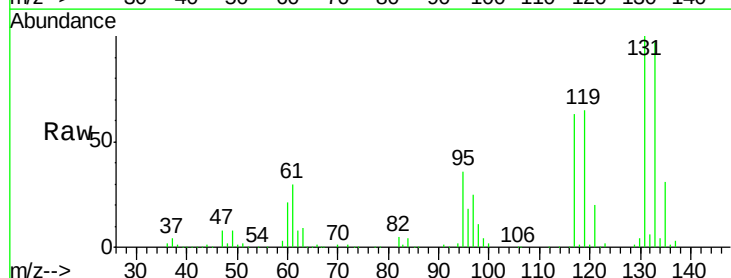
Tgt Ion:131 Resp: 63357

Ion Ratio Lower Upper

131 100

133 96.4 47.9 143.8

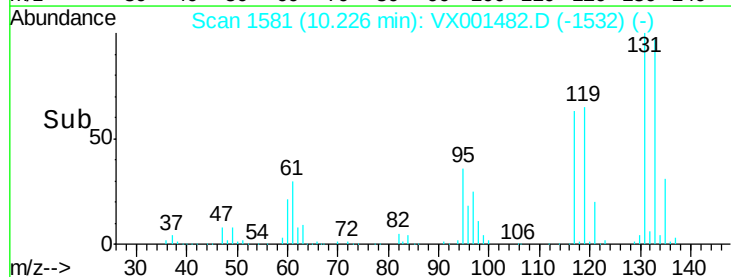
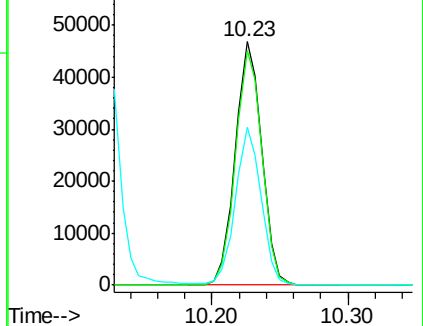
119 63.4 31.1 93.3

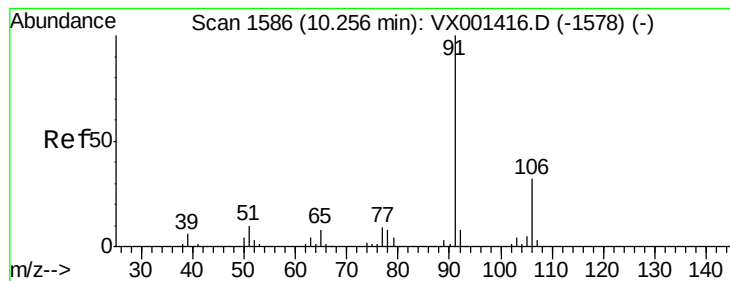


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.83 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tot Ion: 91 Resp: 267788

Ion Ratio Lower Upper

91 100

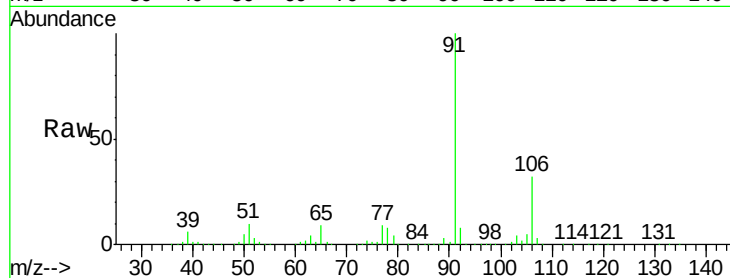
106 31.7 25.5 38.3

Manual Integrations

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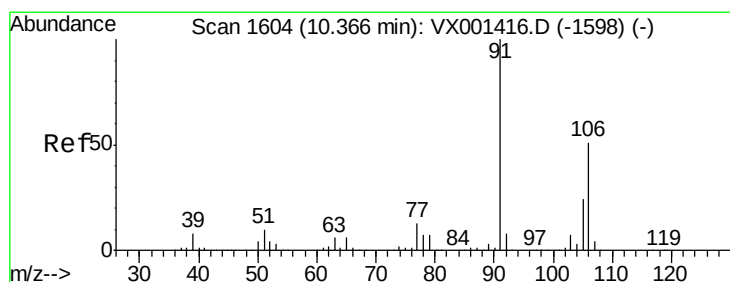
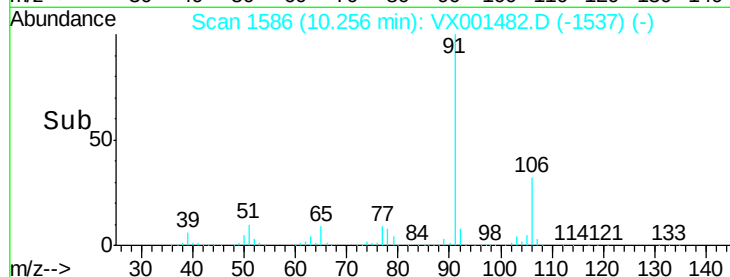
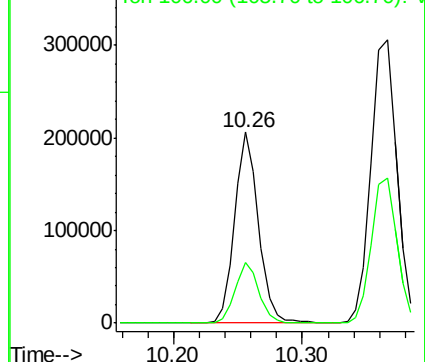
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.44 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001482.D

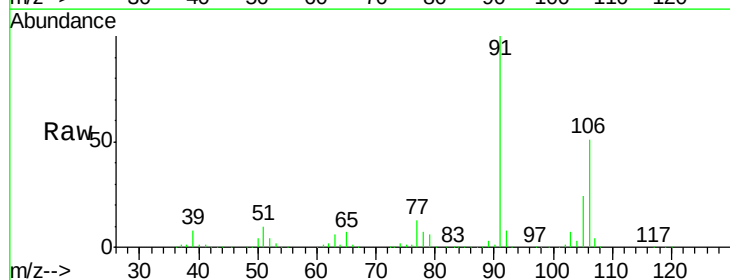
Acq: 07 May 2018 23:20

Tgt Ion: 106 Resp: 215859

Ion Ratio Lower Upper

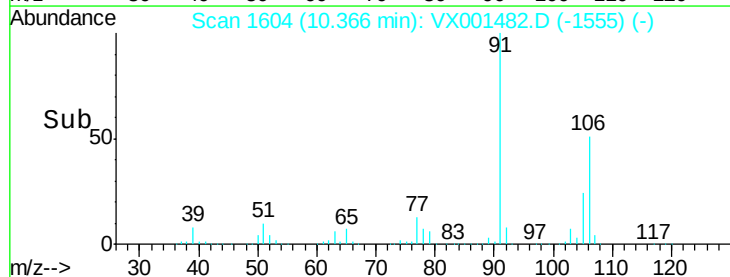
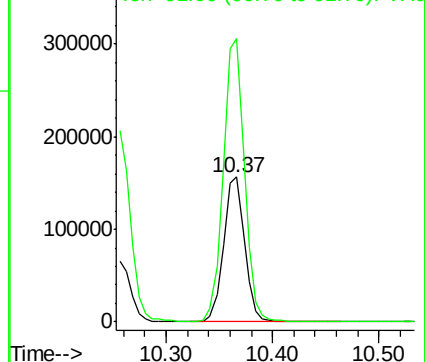
106 100

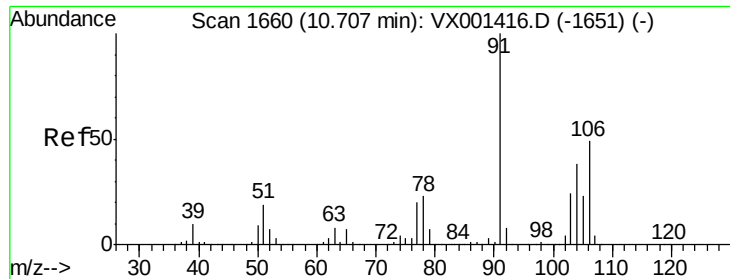
91 197.3 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





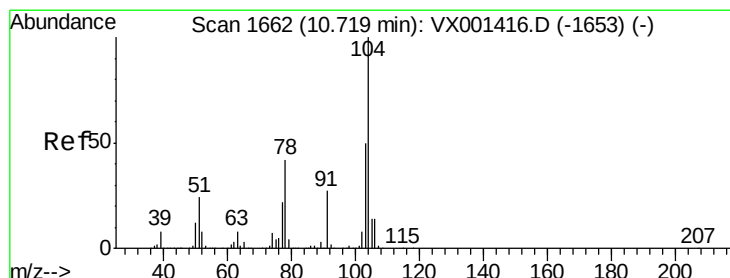
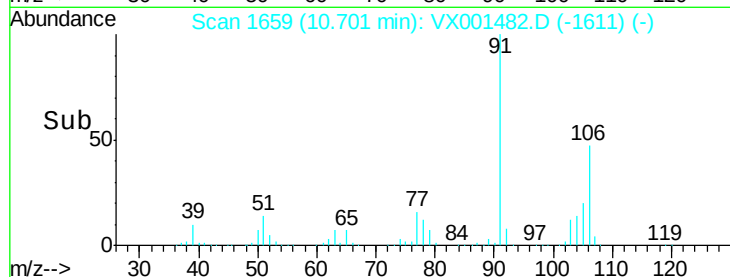
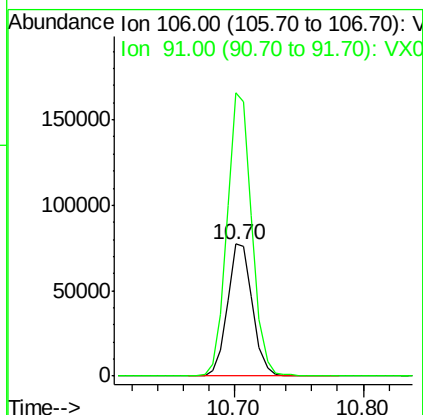
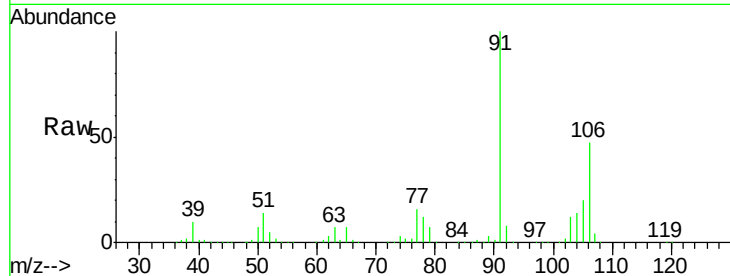
#69
o-Xylene
Concen: 20.28 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion:106 Resp: 105192
Ion Ratio Lower Upper
106 100
91 212.8 103.1 309.1

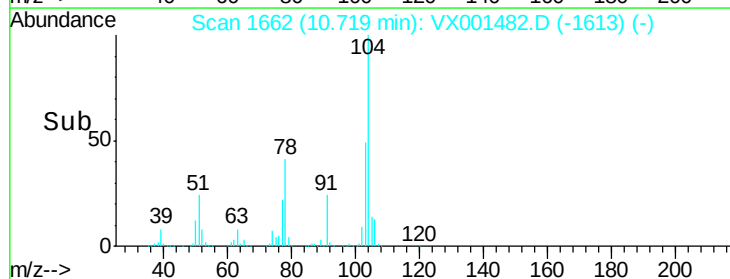
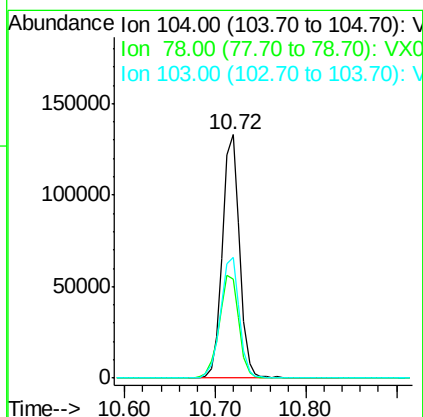
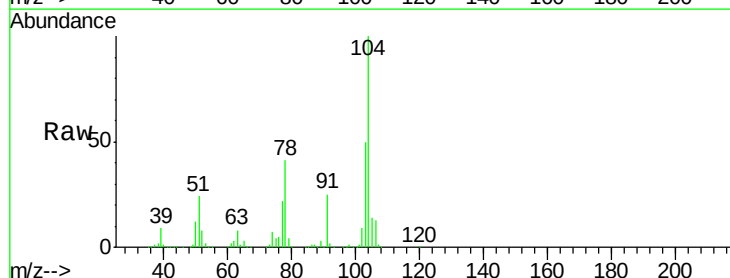
Manual Integrations
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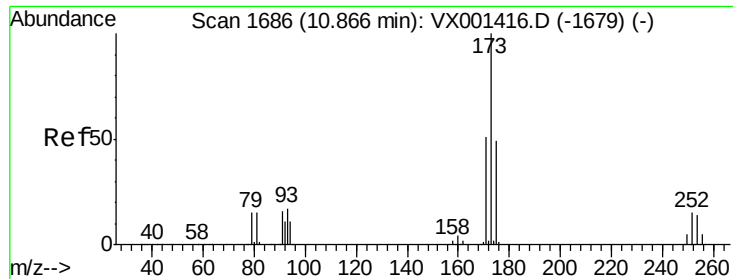
MMDadoda
5/9/2018 5:47:35 PM



#70
Styrene
Concen: 20.86 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion:104 Resp: 175791
Ion Ratio Lower Upper
104 100
78 48.6 38.6 58.0
103 54.6 44.0 66.0





#71

Bromoform

Concen: 20.12 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS02

Tot Ion:173 Resp: 50532

Ion Ratio Lower Upper

173 100

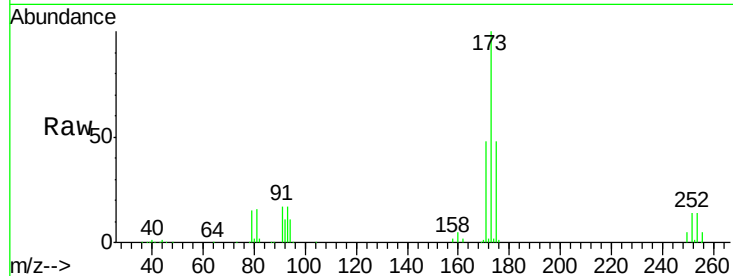
175 48.9 24.5 73.5

254 0.1 0.2 0.2#

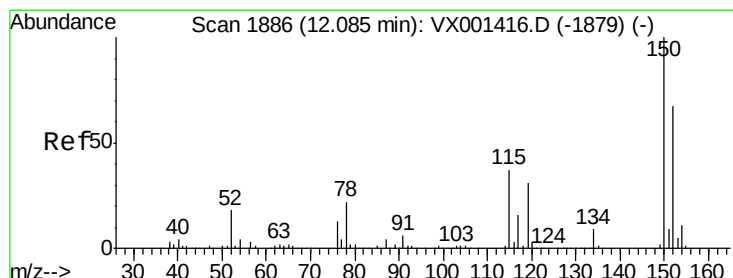
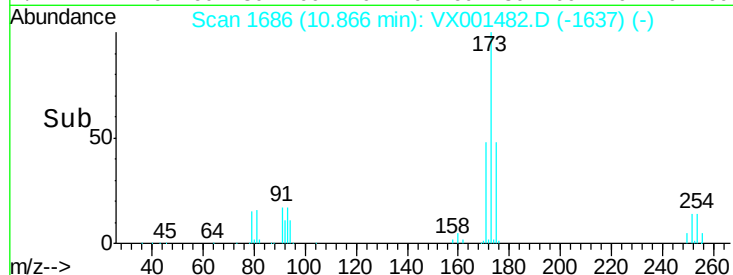
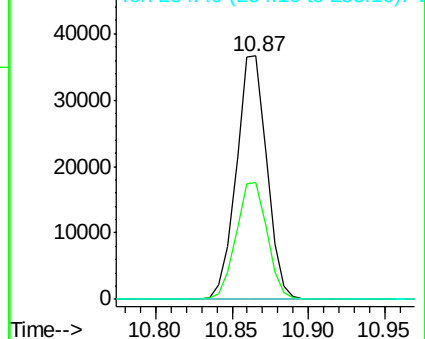
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

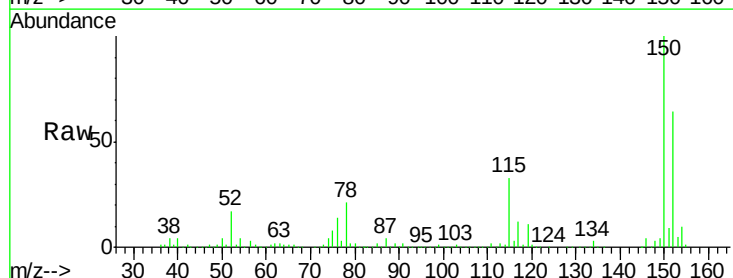
Tgt Ion:152 Resp: 194449

Ion Ratio Lower Upper

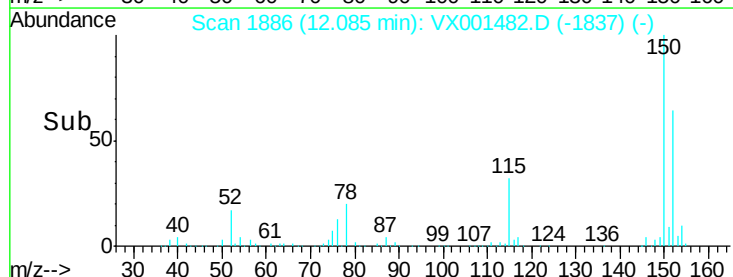
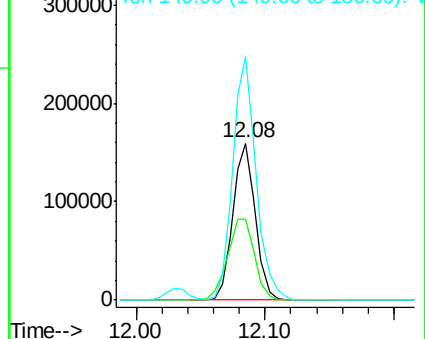
152 100

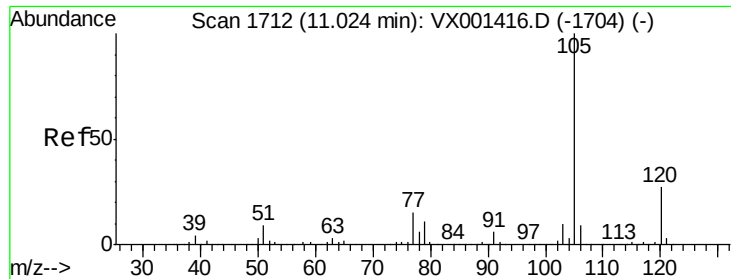
115 62.5 37.7 113.1

150 161.7 0.0 349.4



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





#73

Isopropylbenzene

Concen: 20.48 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS02

Tot Ion: 105 Resp: 275691

Ion Ratio Lower Upper

105 100

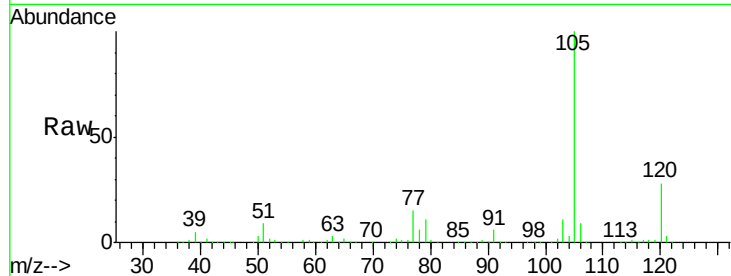
120 27.4 13.6 40.8

Manual Integrations

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5/9/2018 5:47:35 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

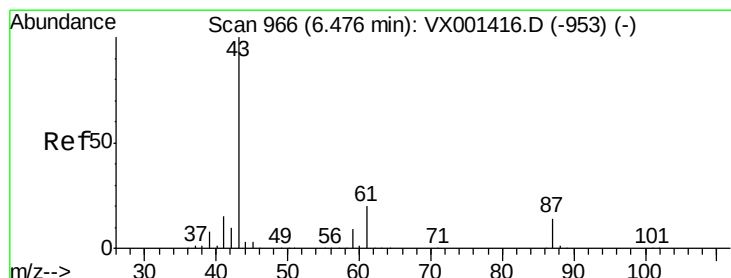
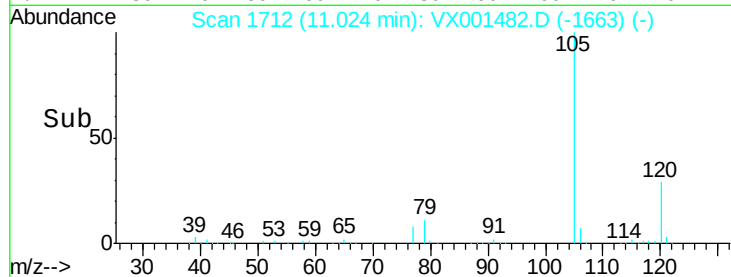
100000

50000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 23.32 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Tgt Ion: 43 Resp: 142568

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.3 15.4 23.0

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

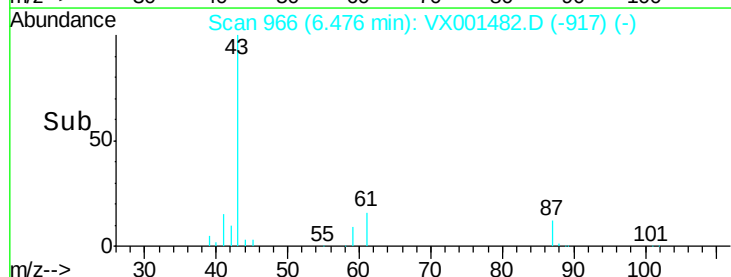
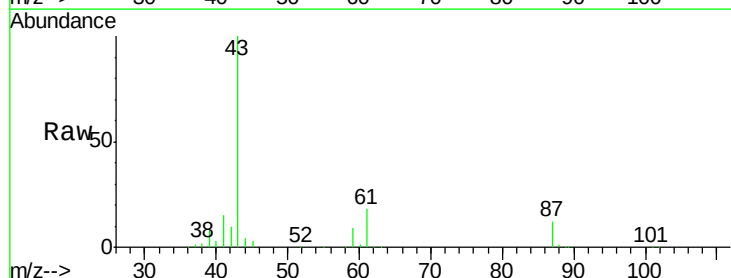
40000

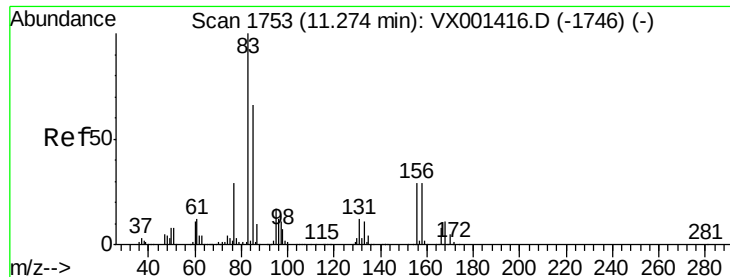
20000

0

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

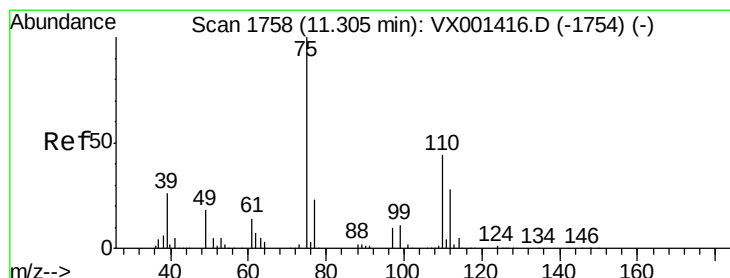
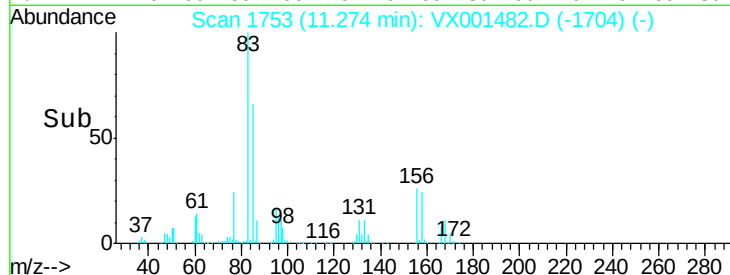
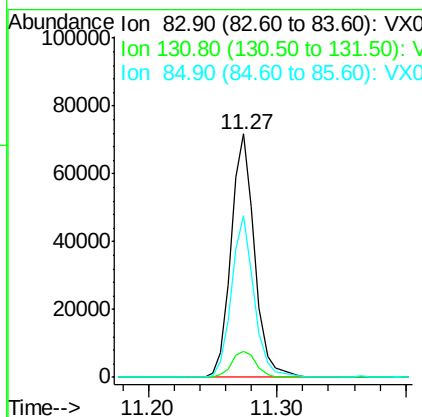
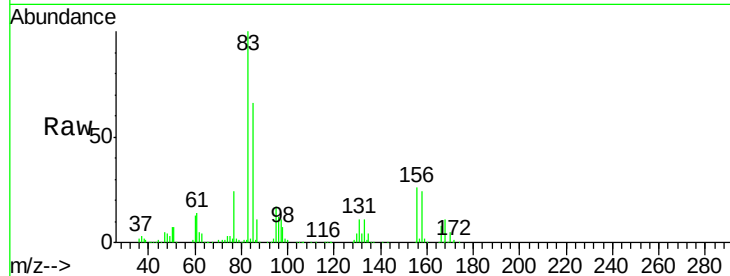
ClientSampleId :

VX0507WBS02

Tot Ion:	83	Resp:	91780
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.8	17.4
85	64.1	32.7	98.1

Manual Integrations
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5/9/2018 5:47:35 PM



#76

1,2,3-Trichloropropane

Concen: 22.70 ug/l m

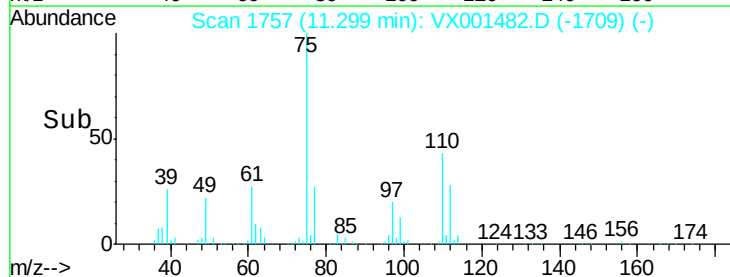
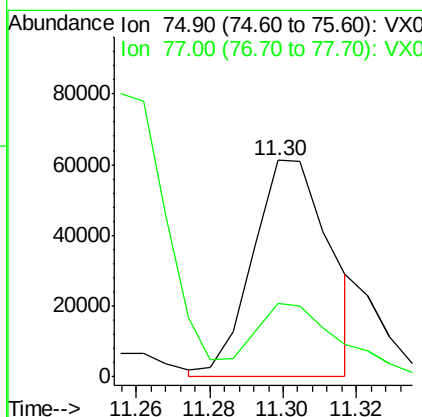
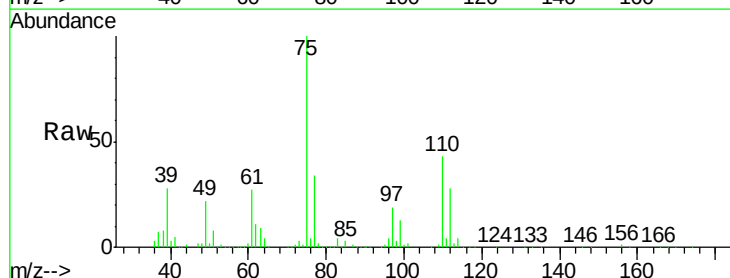
RT: 11.30 min Scan# 1757

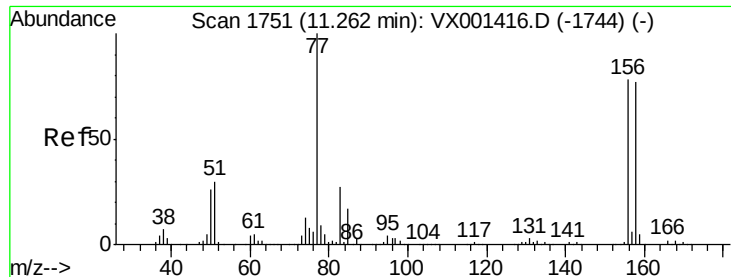
Delta R.T. -0.01 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Tgt Ion:	75	Resp:	89527
Ion Ratio	Lower	Upper	
75	100		
77	38.5	19.6	58.7





#77

Bromobenzene

Concen: 21.17 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS02

Tot Ion:156 Resp: 82868

Ion Ratio Lower Upper

156 100

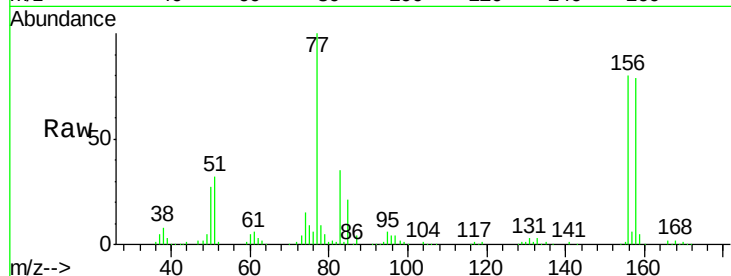
77 130.8 66.0 198.2

158 96.8 49.4 148.2

Manual Integrations
APPROVED

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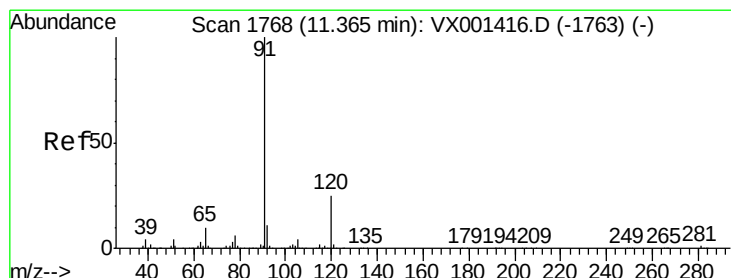
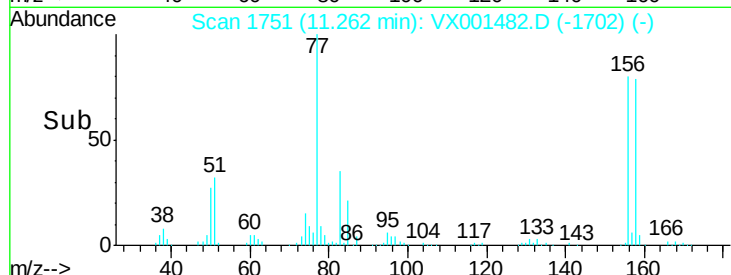
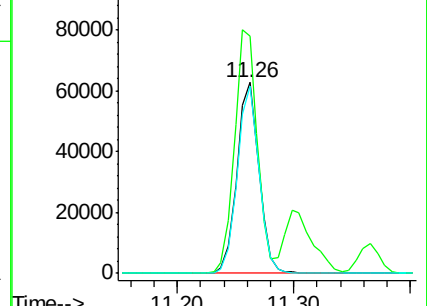
5/9/2018 5:47:35 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.46 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001482.D

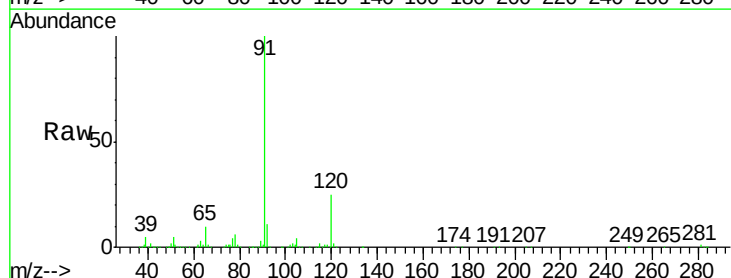
Acq: 07 May 2018 23:20

Tgt Ion: 91 Resp: 299874

Ion Ratio Lower Upper

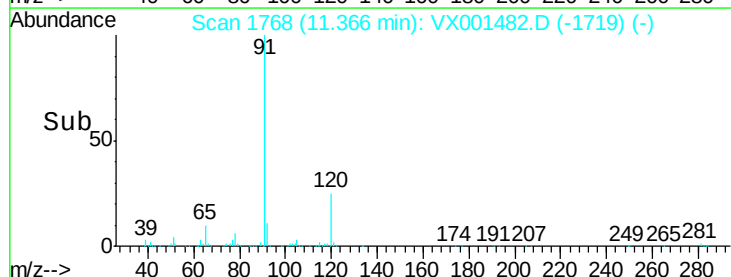
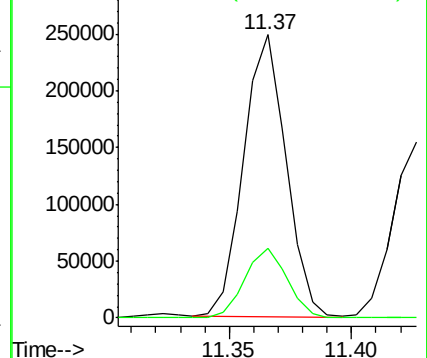
91 100

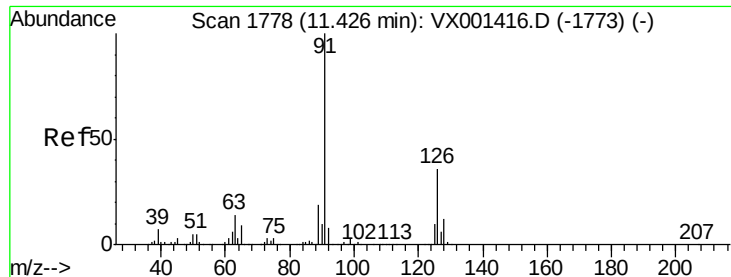
120 24.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.97 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS02

Tot Ion: 91 Resp: 189162

Ion Ratio Lower Upper

91 100

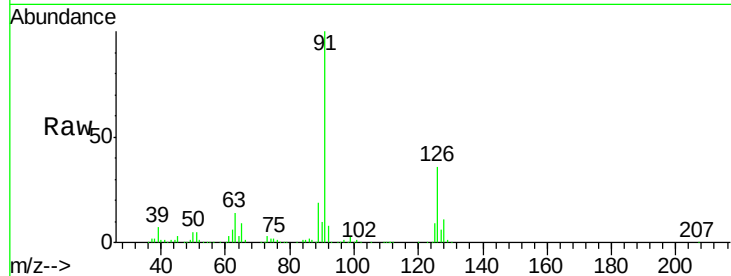
126 36.4 18.1 54.4

Manual Integrations

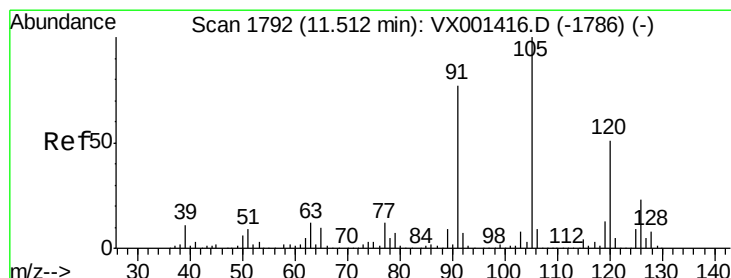
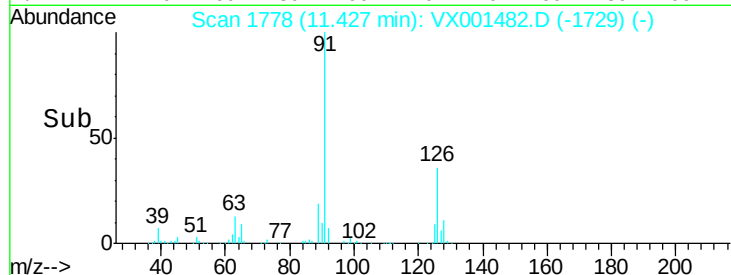
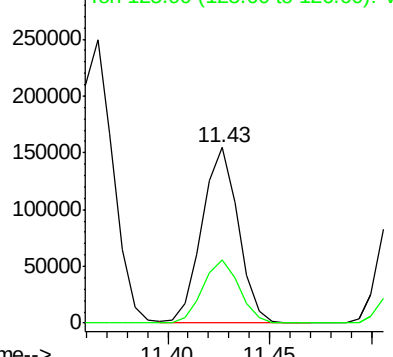
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Abundance Ion 91.00 (90.70 to 91.70): VX001416.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.73 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001482.D

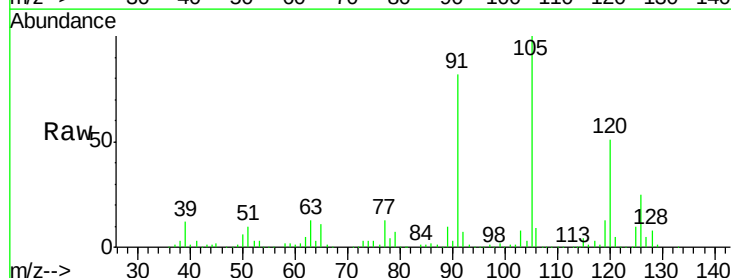
Acq: 07 May 2018 23:20

Tgt Ion: 105 Resp: 232295

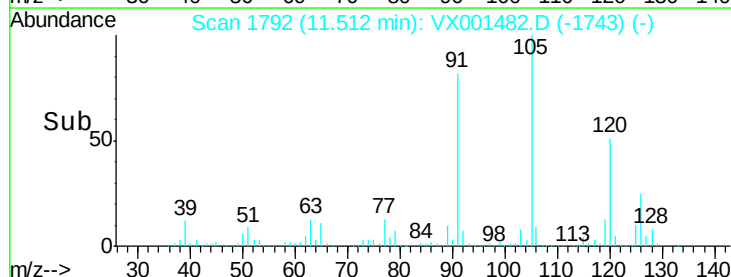
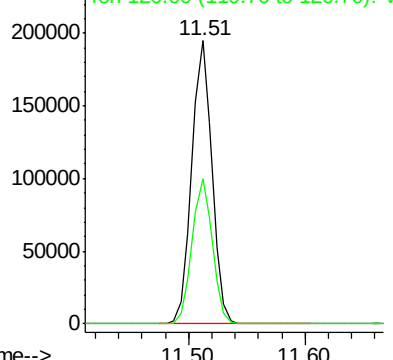
Ion Ratio Lower Upper

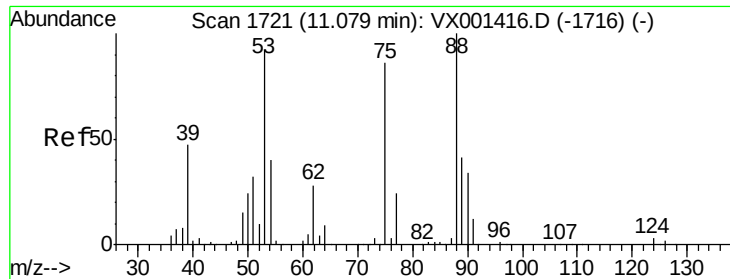
105 100

120 51.6 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): VX001416.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.79 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

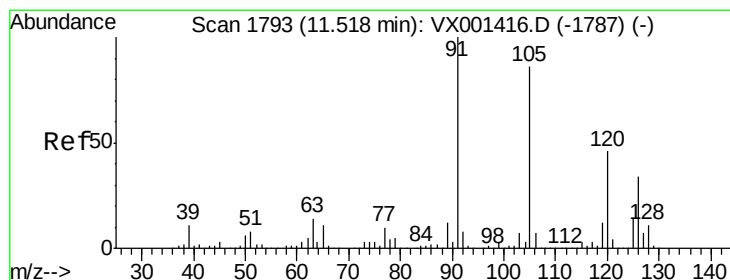
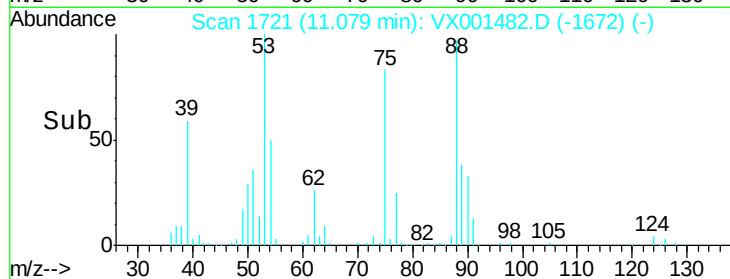
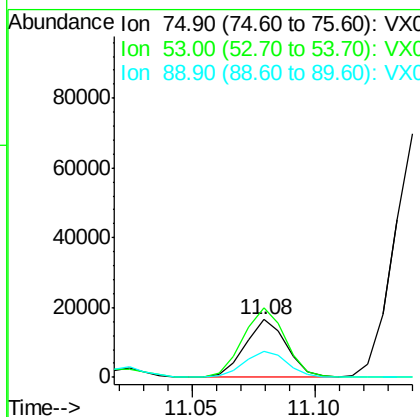
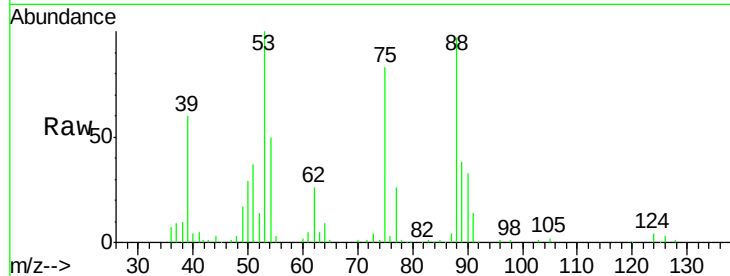
ClientSampleId :

VX0507WBS02

Tot Ion:	75	Resp:	19621
Ion	Ratio	Lower	Upper
75	100		
53	122.6	84.5	126.7
89	48.1	39.5	59.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.95 ug/l

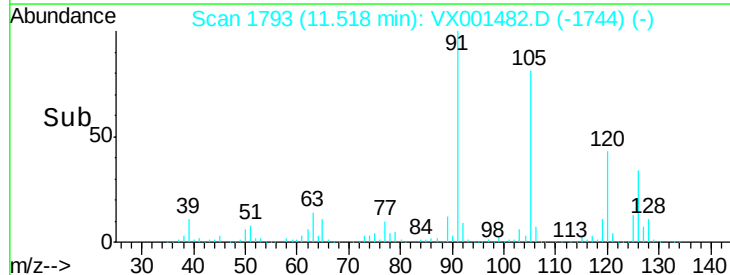
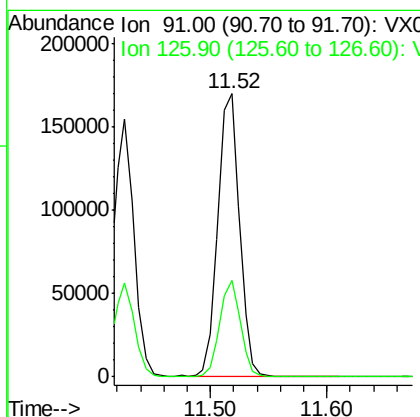
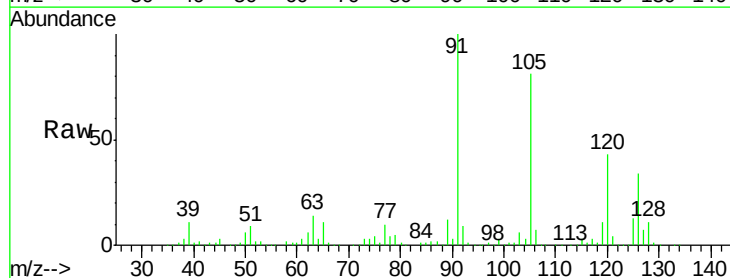
RT: 11.52 min Scan# 1793

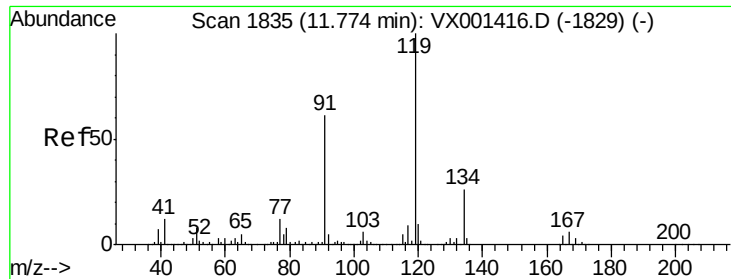
Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Tgt Ion:	91	Resp:	218022
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.5





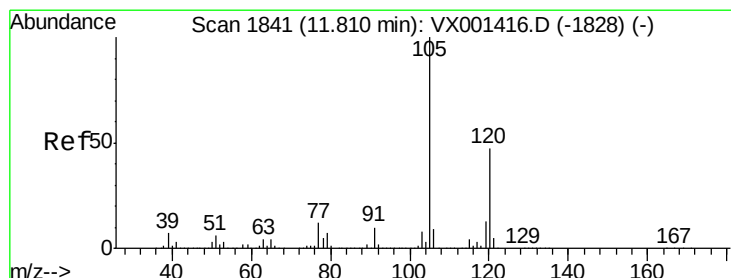
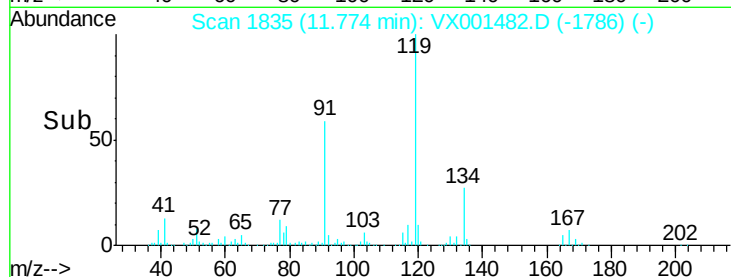
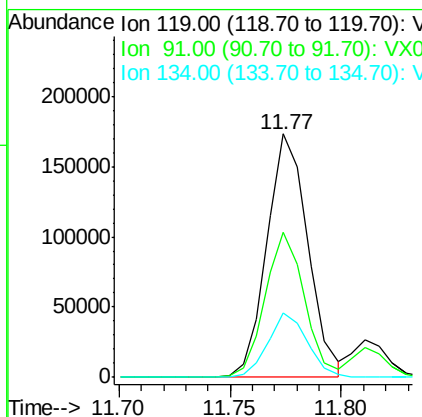
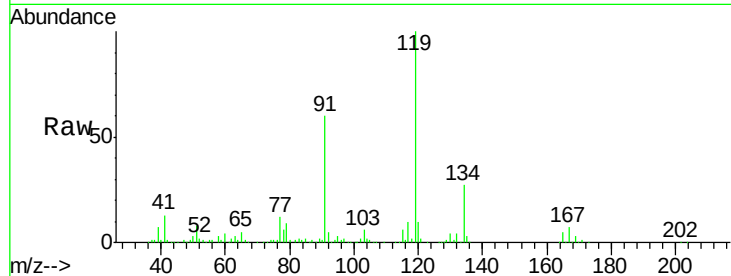
#83
 tert-Butylbenzene
 Concen: 19.90 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	27.8	83.3
134	25.4	12.4	37.0

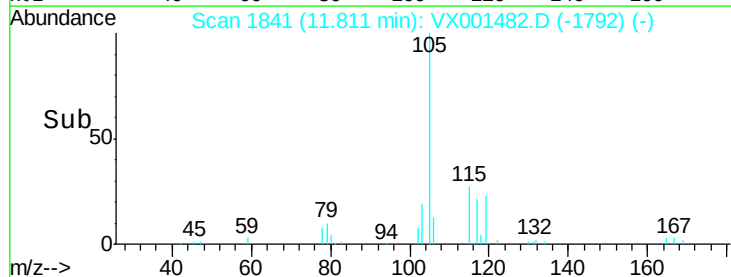
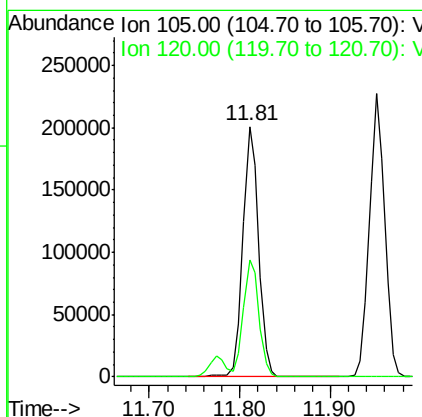
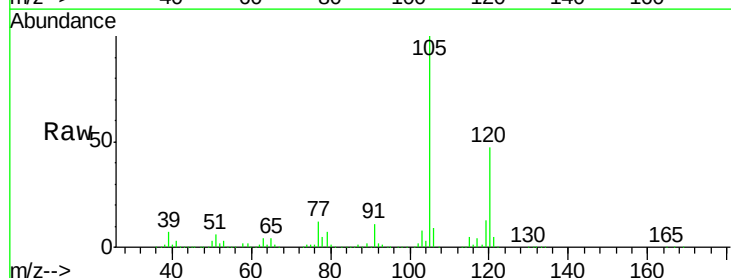
Manual Integrations
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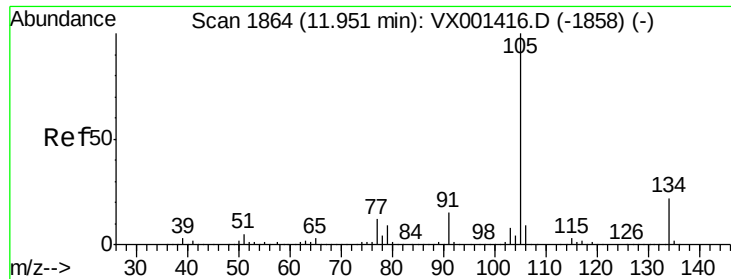
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.98 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.4	70.2





#85

sec-Butylbenzene

Concen: 19.95 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS02

Tot Ion:105 Resp: 267025

Ion Ratio Lower Upper

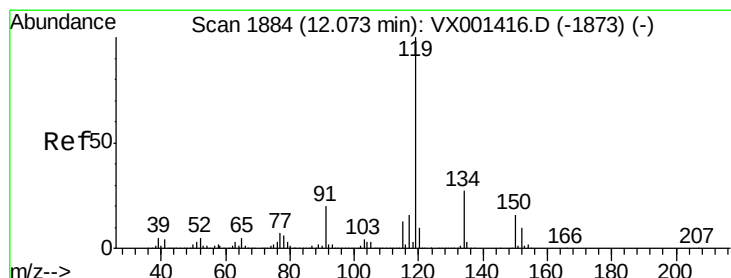
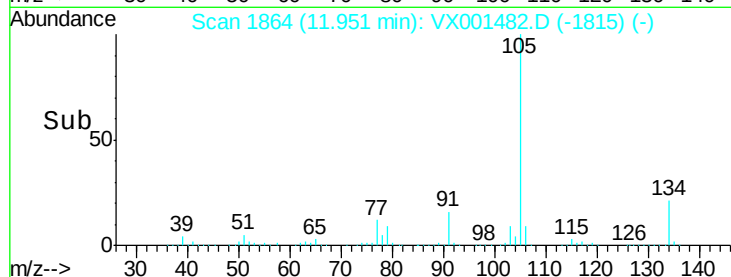
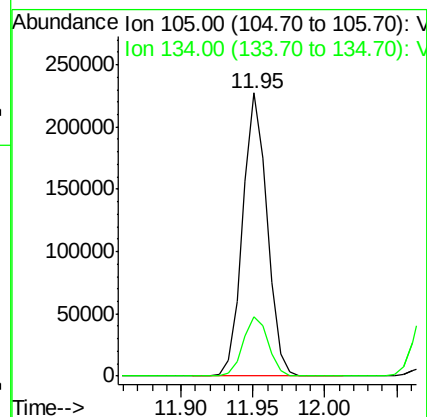
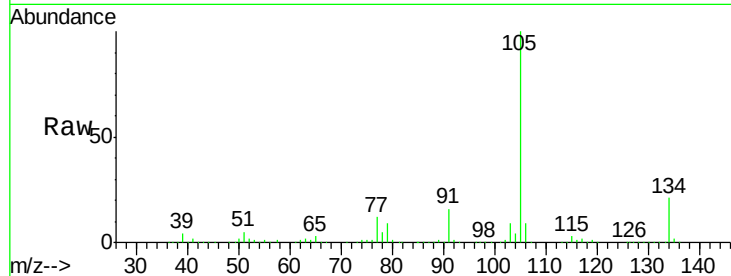
105 100

134 21.6 10.9 32.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.17 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

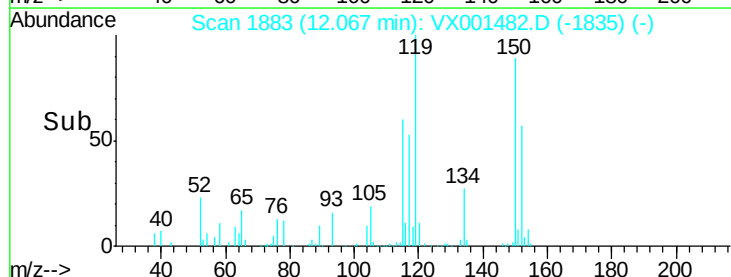
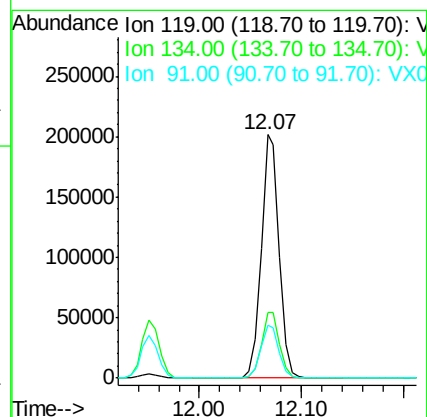
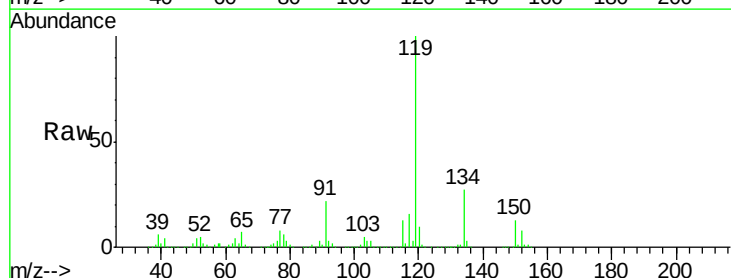
Tgt Ion:119 Resp: 247716

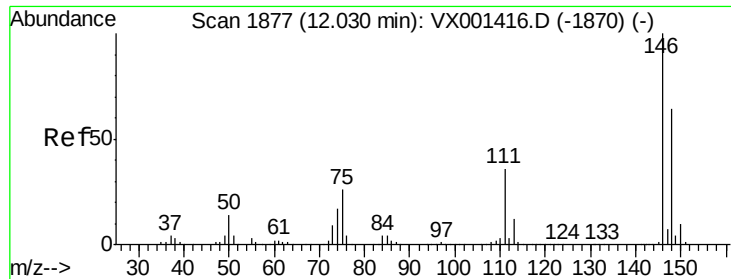
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 22.0 10.8 32.3





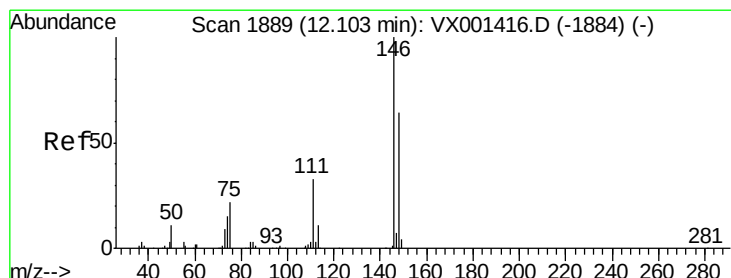
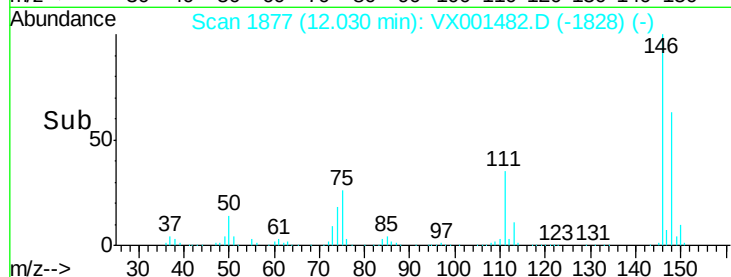
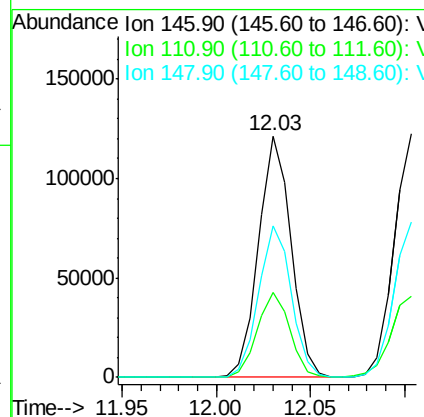
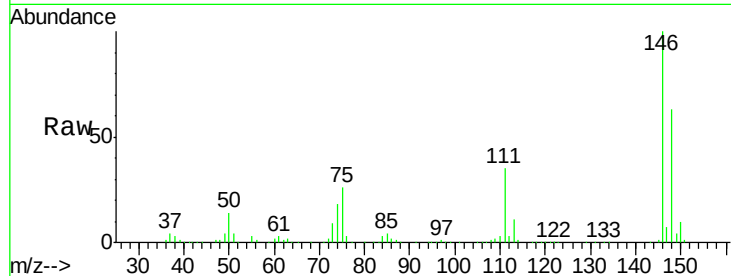
#87
 1,3-Dichlorobenzene
 Concen: 20.76 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.4	18.1	54.1
148	63.3	32.1	96.5

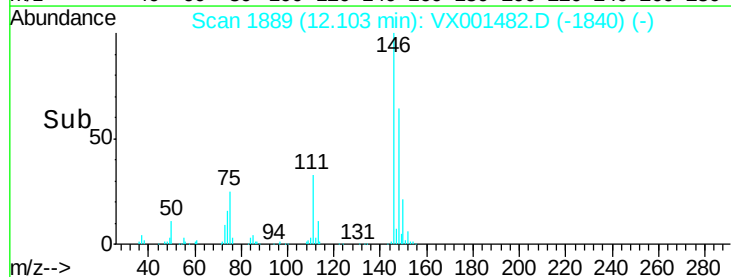
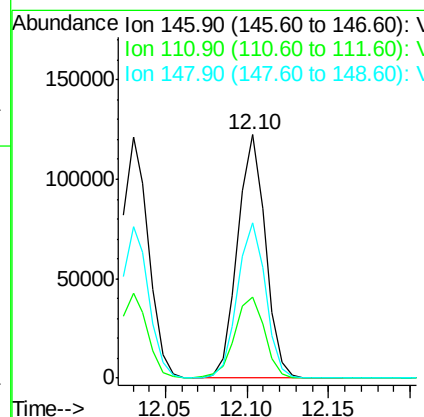
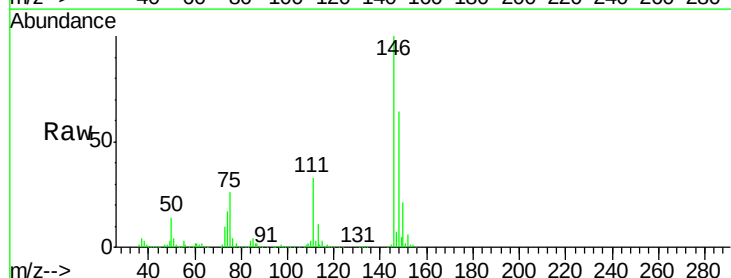
Manual Integrations
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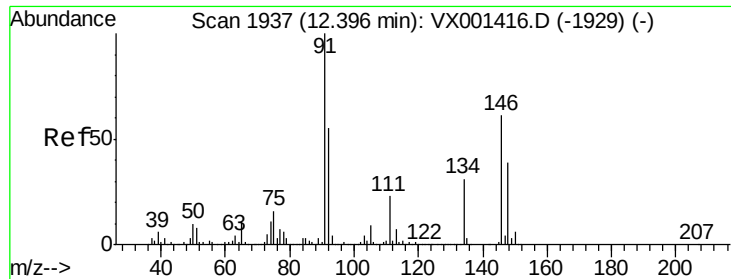
MMDadoda
 5/9/2018 5:47:35 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.38 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	17.4	52.3
148	64.9	32.2	96.6





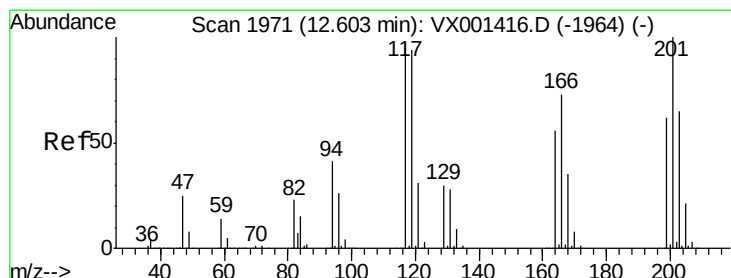
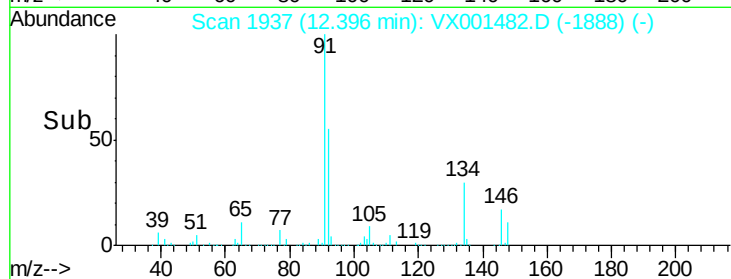
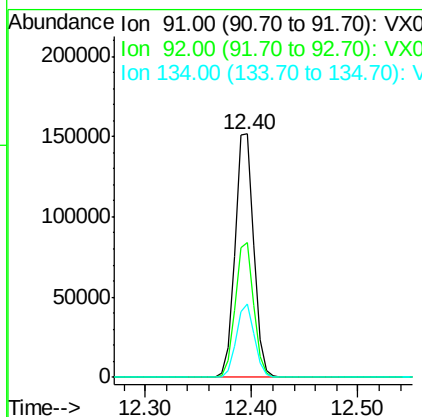
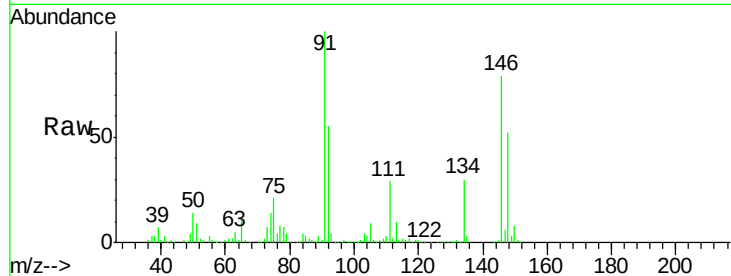
#89
n-Butylbenzene
Concen: 18.48 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	188001		
92	54.5		27.2	81.5
134	29.0		14.6	44.0

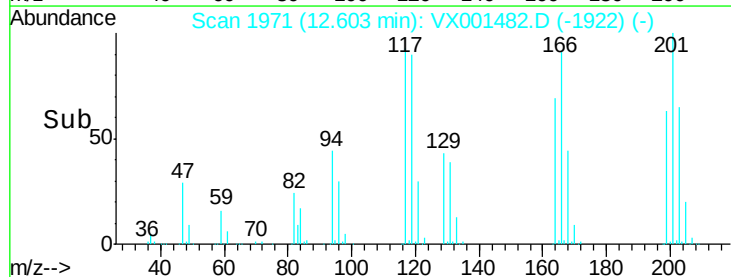
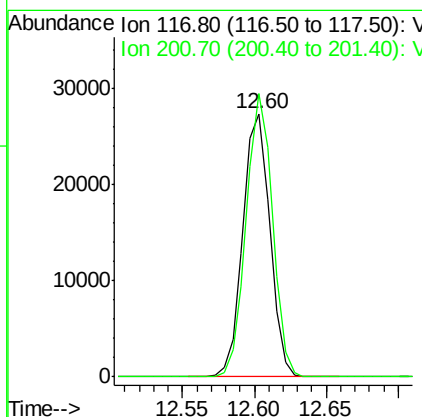
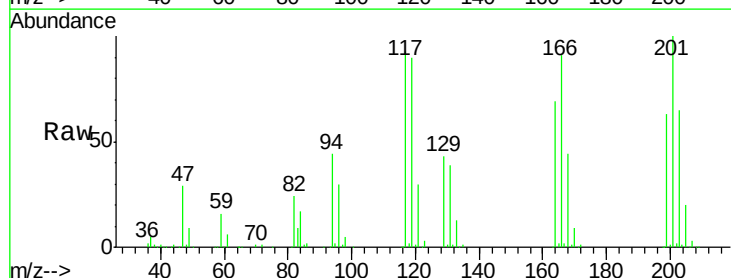
Manual Integrations
APPROVED

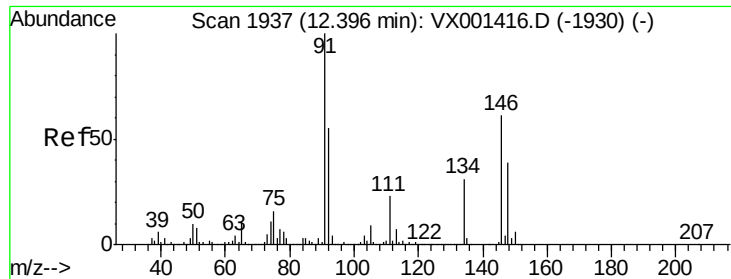
MMDadoda
5/9/2018 5:47:35 PM



#90
Hexachloroethane
Concen: 19.21 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001482.D
Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35520		
201	104.5		51.5	154.5





#91

1,2-Dichlorobenzene

Concen: 21.09 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

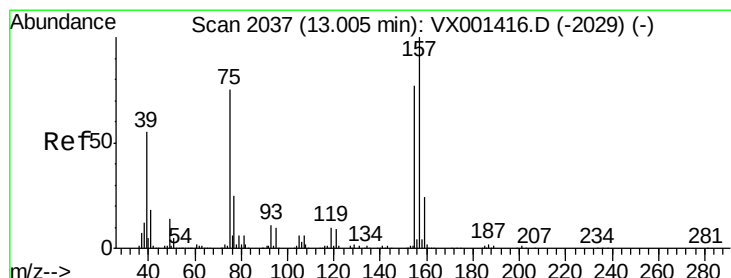
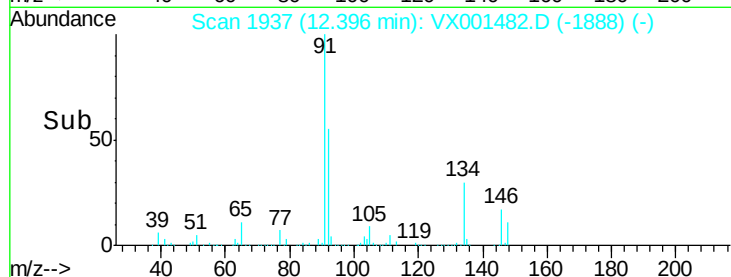
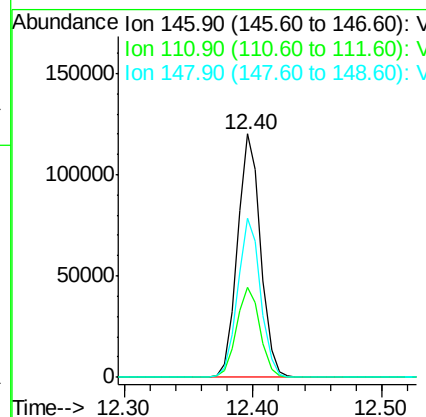
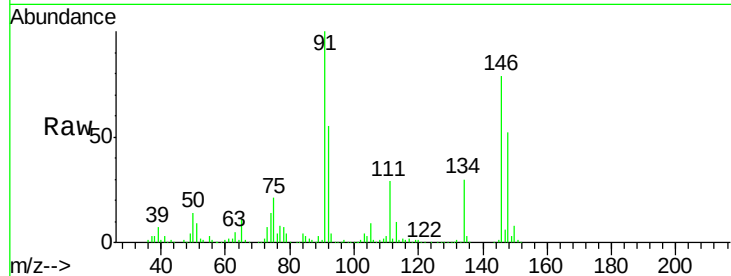
ClientSampleId :

VX0507WBS02

Tot Ion:	146	Resp:	150123
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.6	55.8
148	64.8	32.1	96.5

Manual Integrations
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5/9/2018 5:47:35 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.29 ug/l

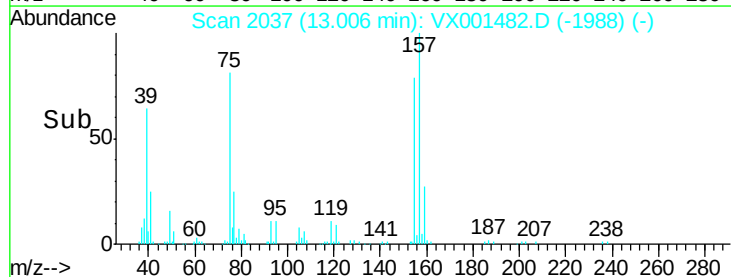
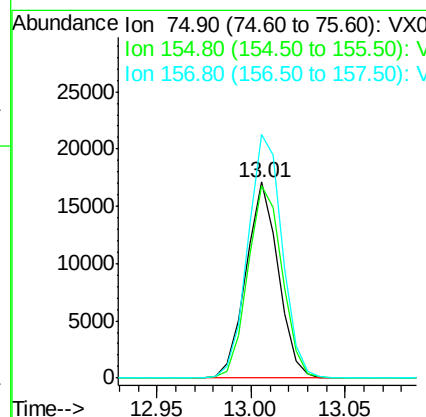
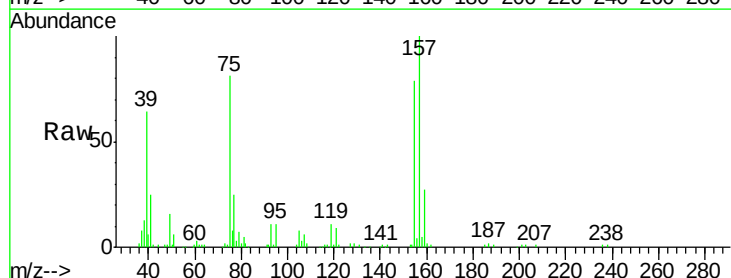
RT: 13.01 min Scan# 2037

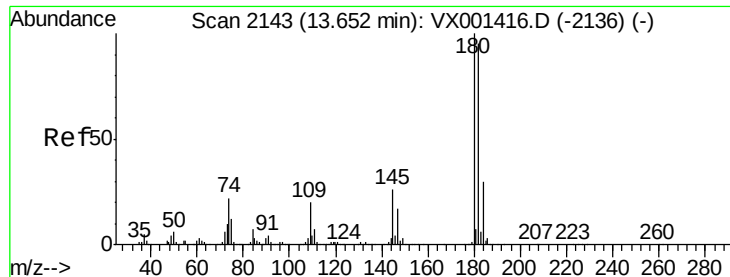
Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Tgt Ion:	75	Resp:	20342
Ion Ratio	Lower	Upper	
75	100		
155	104.1	53.4	160.2
157	131.7	68.3	204.8





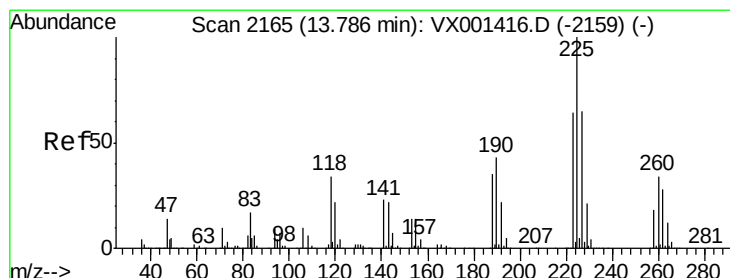
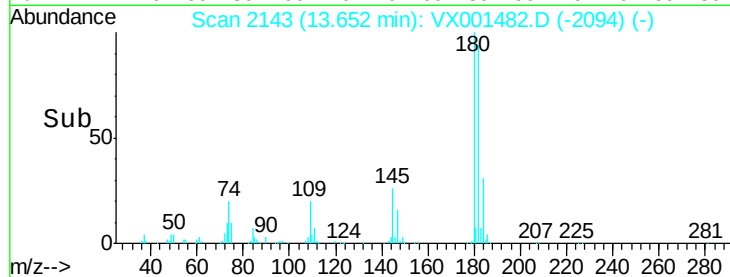
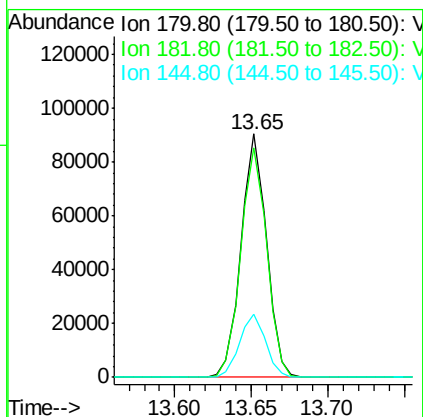
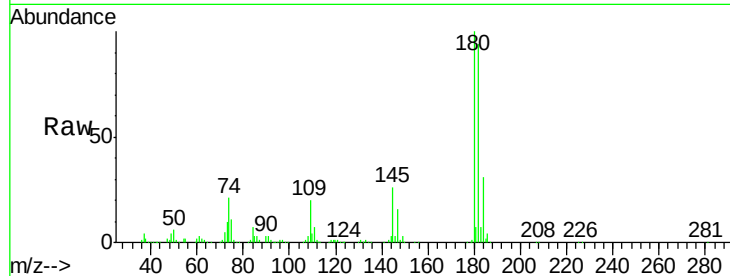
#93
 1,2,4-Trichlorobenzene
 Concen: 20.04 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	47.8	143.4	
145	26.6	13.3	39.9	

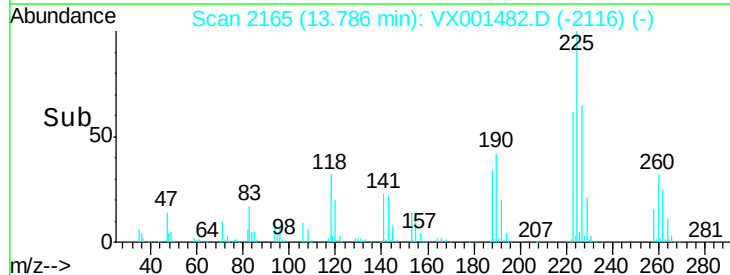
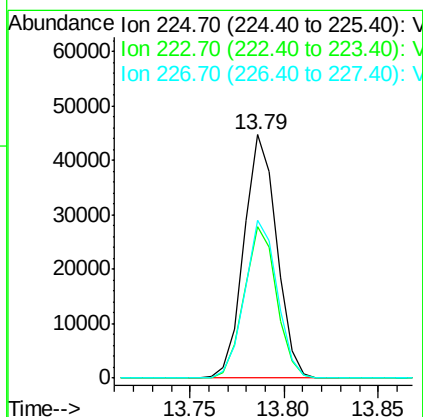
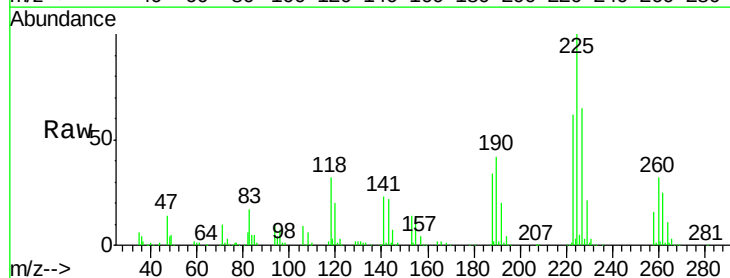
Manual Integrations
 APPROVED

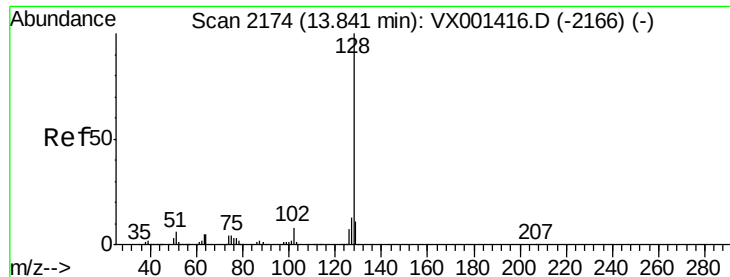
MMDadoda
 5/9/2018 5:47:35 PM



#94
 Hexachlorobutadiene
 Concen: 18.89 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001482.D
 Acq: 07 May 2018 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.3	31.3	93.9	
227	64.5	32.4	97.2	





#95

Naphthalene

Concen: 22.31 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Instrument :

MSVOA_X

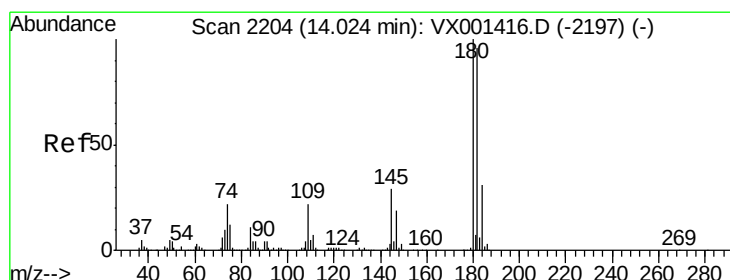
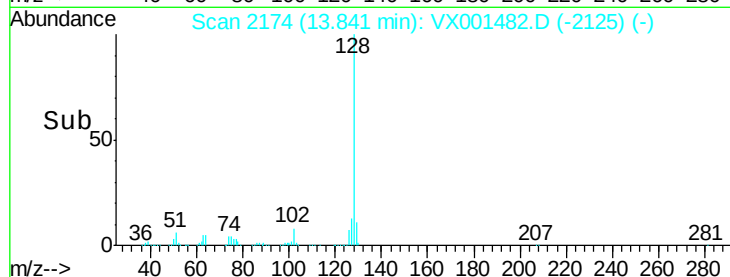
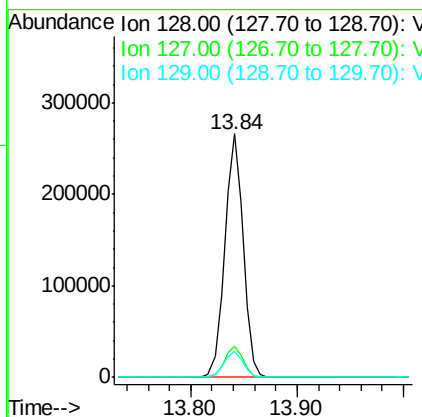
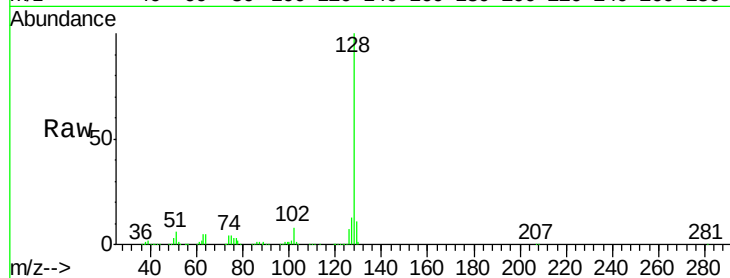
ClientSampleId :

VX0507WBS02

Tot Ion:	128	Resp:	321289
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:35 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.05 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001482.D

Acq: 07 May 2018 23:20

Tgt Ion:	180	Resp:	112501
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.0	144.2
145	29.1	14.1	42.4

