

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002526.D
 Acq On : 14 Jun 2018 00:01
 Operator : JC/MD
 Sample : VX0613MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:26 AM

Quant Time: Jun 14 03:51:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144049	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	5.51	113	110749	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
50) Toluene-d8	8.72	98	417836	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.14	95	153883	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38932	18.850	ug/l	98
3) Chloromethane	1.32	50	46290	17.706	ug/l	98
4) Vinyl Chloride	1.40	62	51530	19.796	ug/l	97
5) Bromomethane	1.64	94	32454	20.031	ug/l	97
6) Chloroethane	1.72	64	35180	20.893	ug/l	99
7) Trichlorofluoromethane	1.93	101	91999	23.197	ug/l	98
8) Diethyl Ether	2.19	74	33644	22.557	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51642	24.129	ug/l	99
10) Methyl Iodide	2.51	142	51612	17.145	ug/l	99
11) Tert butyl alcohol	3.07	59	72827	114.330	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46348	21.913	ug/l	98
13) Acrolein	2.30	56	18463	57.953	ug/l	99
14) Allyl chloride	2.73	41	90602	19.738	ug/l	99
15) Acrylonitrile	3.15	53	149819	118.816	ug/l	100
16) Acetone	2.45	43	143537	106.462	ug/l	99
17) Carbon Disulfide	2.57	76	91205	16.361	ug/l	99
18) Methyl Acetate	2.78	43	75325	25.121	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	178336	22.917	ug/l	100
20) Methylene Chloride	2.86	84	54226	22.625	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	47531	20.378	ug/l	99
22) Diisopropyl ether	3.88	45	158482	19.768	ug/l	99
23) Vinyl Acetate	3.83	43	659699	88.656	ug/l	100
24) 1,1-Dichloroethane	3.70	63	89064	19.632	ug/l	99
25) 2-Butanone	4.71	43	187820	96.413	ug/l	98
26) 2,2-Dichloropropane	4.59	77	50747	14.310	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	49468	19.501	ug/l	92
28) Bromochloromethane	5.02	49	41150	19.129	ug/l	100
29) Tetrahydrofuran	5.17	42	119899	95.461	ug/l	98
30) Chloroform	5.22	83	86559	19.773	ug/l	98
31) Cyclohexane	5.58	56	67955	18.943	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	73668	19.842	ug/l	99
36) 1,1-Dichloropropene	5.81	75	58525	19.201	ug/l	98
37) Ethyl Acetate	4.87	43	71900	19.615	ug/l	99
38) Carbon Tetrachloride	5.79	117	62155	19.493	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67392	18.065	ug/l	99
40) Benzene	6.15	78	183481	19.633	ug/l	99
41) Methacrylonitrile	5.07	41	40792	19.440	ug/l	98
42) 1,2-Dichloroethane	6.20	62	74839	20.156	ug/l	100
43) Isopropyl Acetate	6.47	43	117812	18.923	ug/l	99
44) Trichloroethene	7.21	130	51089	19.697	ug/l	96
45) 1,2-Dichloropropane	7.52	63	48888	19.377	ug/l	98
46) Dibromomethane	7.67	93	34693	20.284	ug/l	95
47) Bromodichloromethane	7.90	83	59173	19.129	ug/l	99
48) Methyl methacrylate	7.78	41	59824	19.129	ug/l	96
49) 1,4-Dioxane	7.76	88	24738	423.060	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	394560	101.765	ug/l	100
52) Toluene	8.79	92	119390	20.086	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	66264	17.863	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	58600	16.744	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	50111	20.498	ug/l	99
56) Ethyl methacrylate	9.18	69	73600	18.857	ug/l	98
57) 1,3-Dichloropropane	9.38	76	81574	19.890	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	180346	99.834	ug/l	100
59) 2-Hexanone	9.50	43	302813	101.115	ug/l	100
60) Dibromochloromethane	9.59	129	46397	18.868	ug/l	99
61) 1,2-Dibromoethane	9.68	107	50447	19.791	ug/l	98
64) Tetrachloroethene	9.34	164	56640	19.579	ug/l	99
65) Chlorobenzene	10.14	112	138564	19.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	48434	19.165	ug/l	98
67) Ethyl Benzene	10.26	91	230946	19.772	ug/l	100
68) m/p-Xylenes	10.36	106	177936	39.189	ug/l	100
69) o-Xylene	10.70	106	86523	19.149	ug/l	99
70) Styrene	10.71	104	143867	19.477	ug/l	100
71) Bromoform	10.86	173	33608	17.279	ug/l #	100
73) Isopropylbenzene	11.02	105	240415	19.729	ug/l	100
74) N-amyl acetate	6.47	43	117812	17.943	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	74499	19.438	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	72241m	18.795	ug/l	
77) Bromobenzene	11.26	156	63910	18.682	ug/l	98
78) n-propylbenzene	11.37	91	270409	19.965	ug/l	100
79) 2-Chlorotoluene	11.43	91	163065	19.067	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	199348	19.073	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14797	13.494	ug/l #	80
82) 4-Chlorotoluene	11.51	91	188929	19.139	ug/l	100
83) tert-Butylbenzene	11.77	119	196073	19.264	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	207373	19.274	ug/l	98
85) sec-Butylbenzene	11.95	105	244053	20.454	ug/l	100
86) p-Isopropyltoluene	12.07	119	216627	19.932	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	118195	19.323	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	120140	19.055	ug/l	99
89) n-Butylbenzene	12.39	91	184683	20.261	ug/l	99
90) Hexachloroethane	12.60	117	29671	17.102	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	121127	19.139	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14668	17.501	ug/l	98

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ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

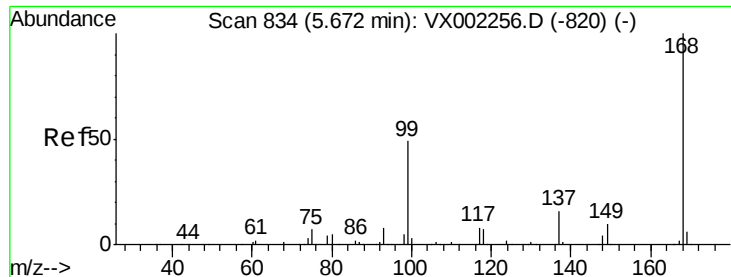
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83868	18.899	ug/l	99
94) Hexachlorobutadiene	13.79	225	45880	20.922	ug/l	99
95) Naphthalene	13.84	128	241335	18.928	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88630	19.583	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion:168 Resp: 198683

Ion Ratio Lower Upper

168 100

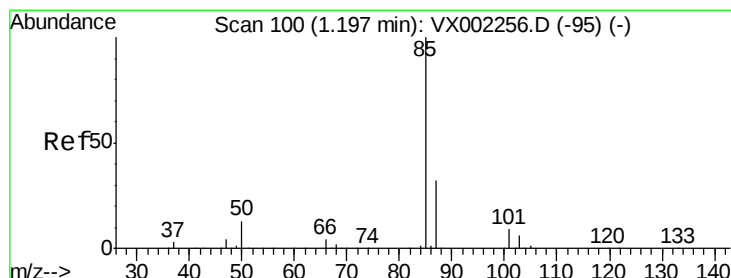
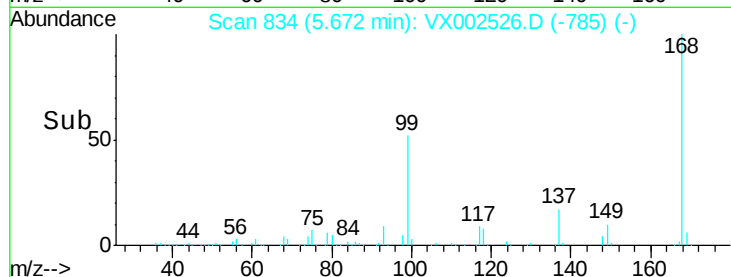
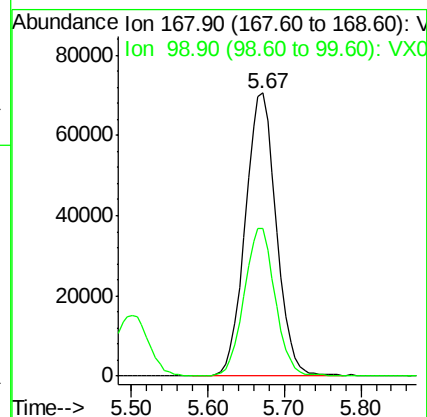
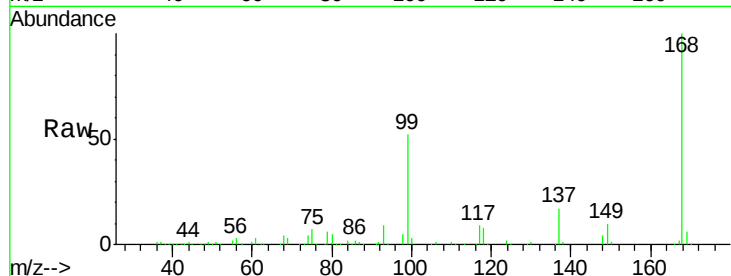
99 52.1 39.3 58.9

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#2

Dichlorodifluoromethane

Concen: 18.850 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002526.D

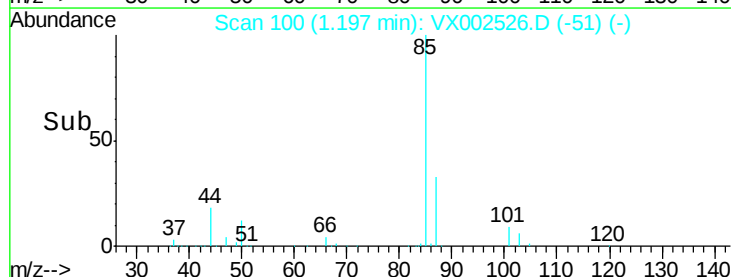
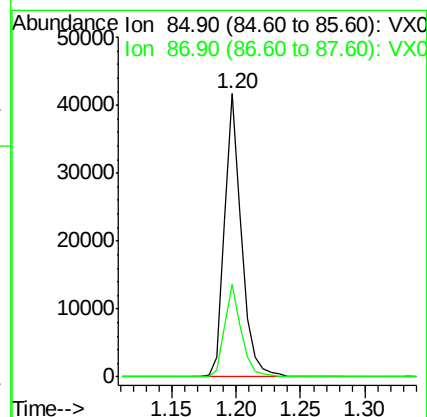
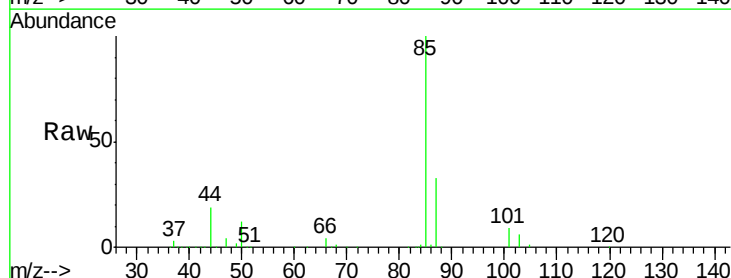
Acq: 14 Jun 2018 00:01

Tgt Ion: 85 Resp: 38932

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9





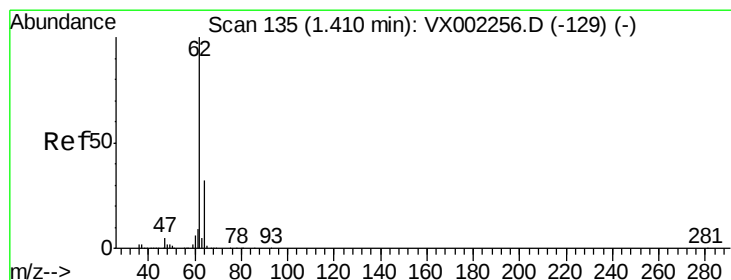
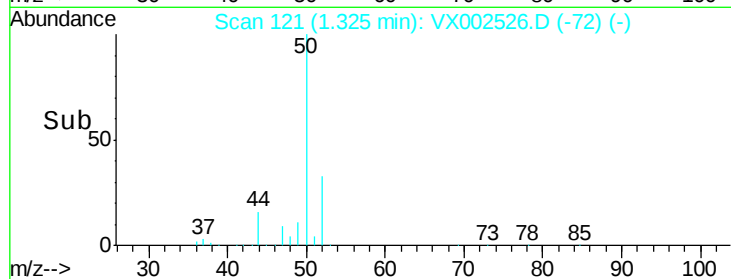
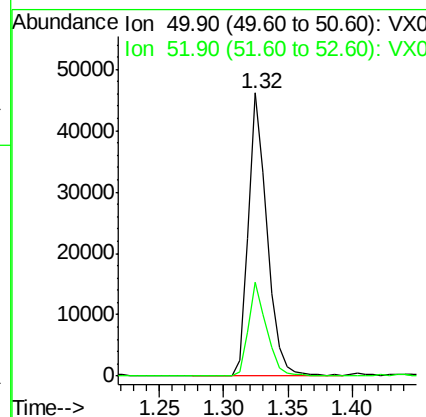
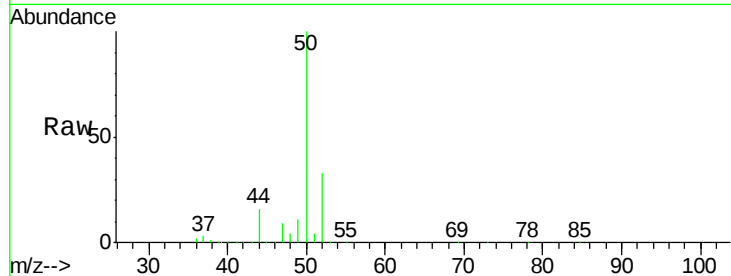
#3
Chloromethane
Concen: 17.706 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.3	25.7	38.5

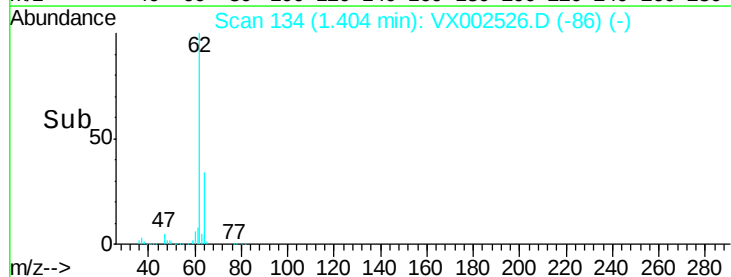
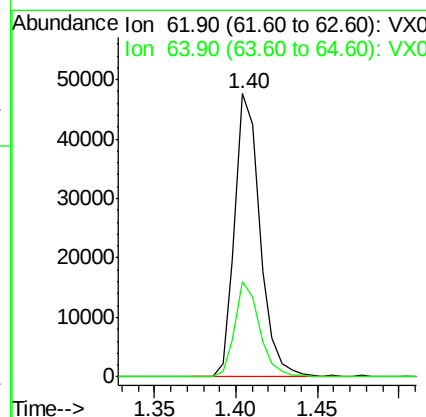
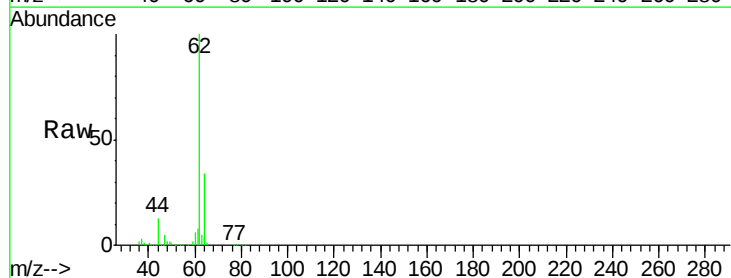
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#4
Vinyl Chloride
Concen: 19.796 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.5	25.4	38.2





#5

Bromomethane

Concen: 20.031 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion: 94 Resp: 32454

Ion Ratio Lower Upper

94 100

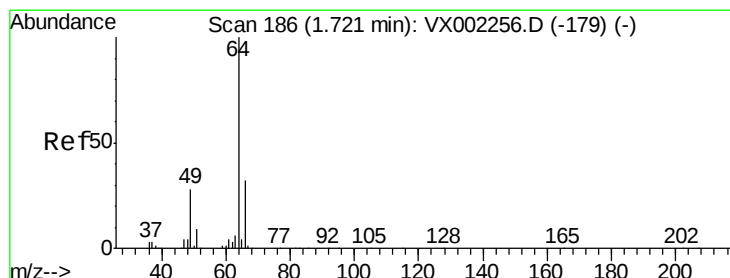
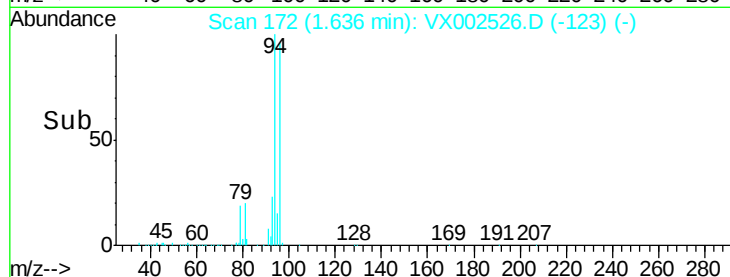
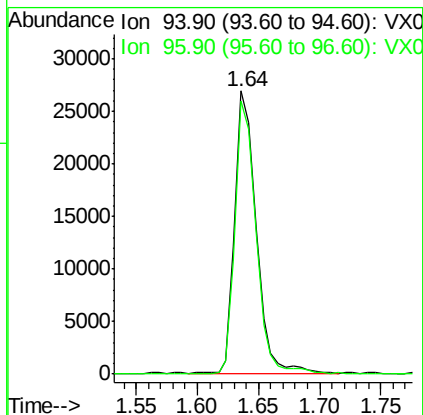
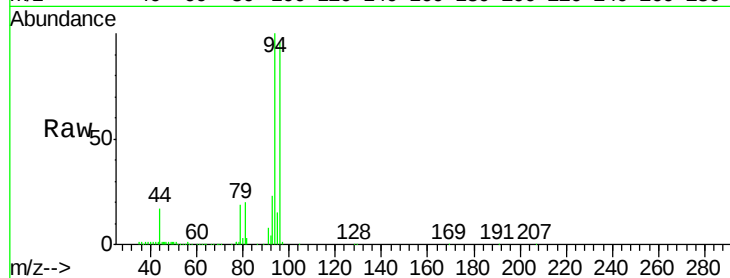
96 96.5 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 20.893 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002526.D

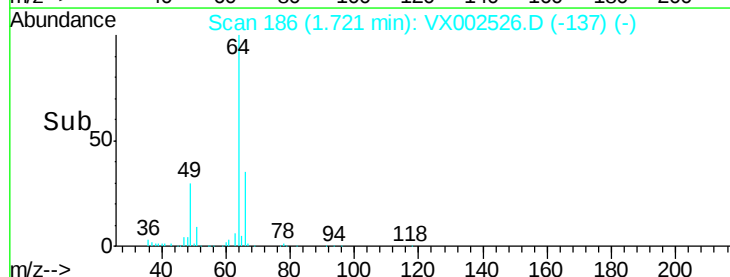
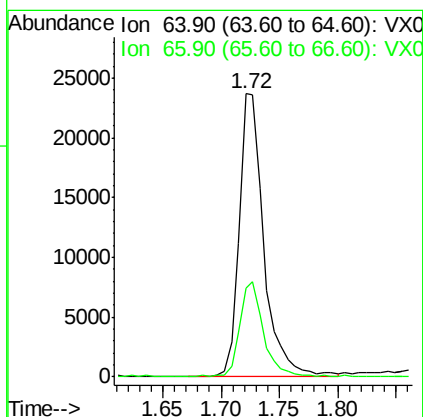
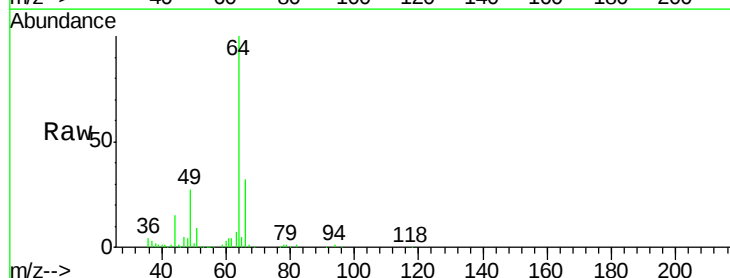
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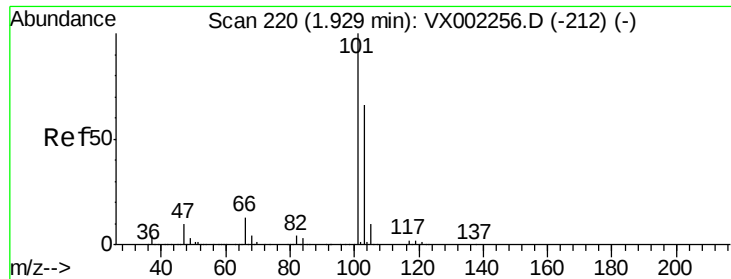
Tgt Ion: 64 Resp: 35180

Ion Ratio Lower Upper

64 100

66 31.1 25.5 38.3





#7

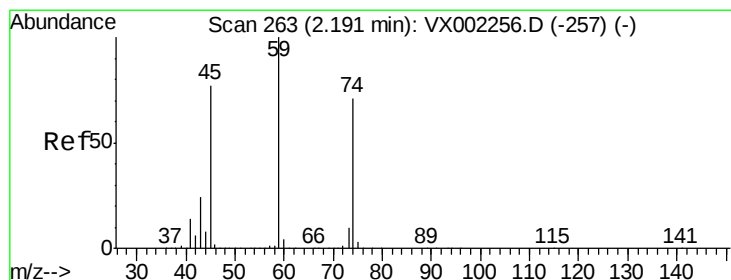
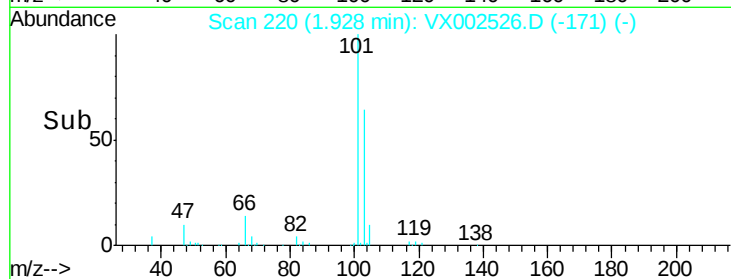
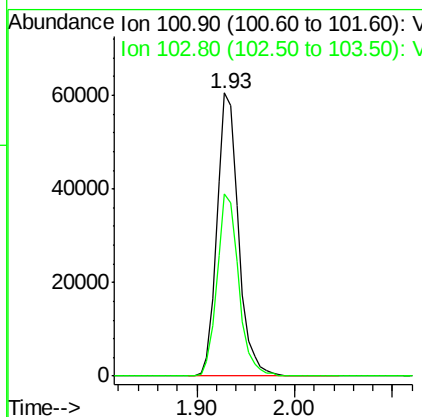
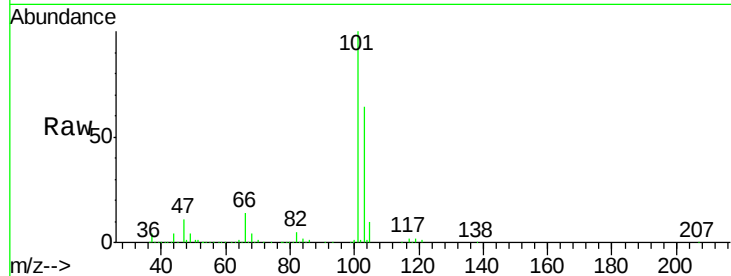
Trichlorofluoromethane
 Concen: 23.197 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.8	79.2

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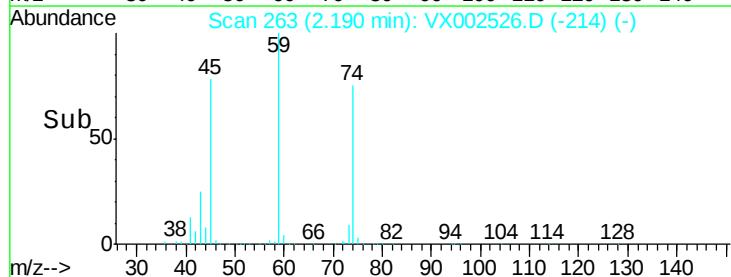
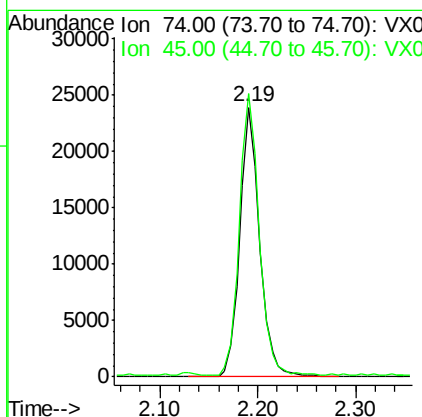
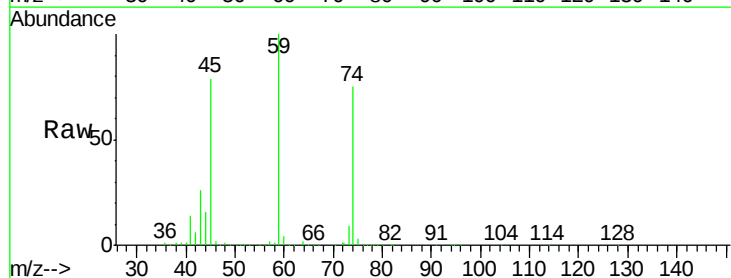
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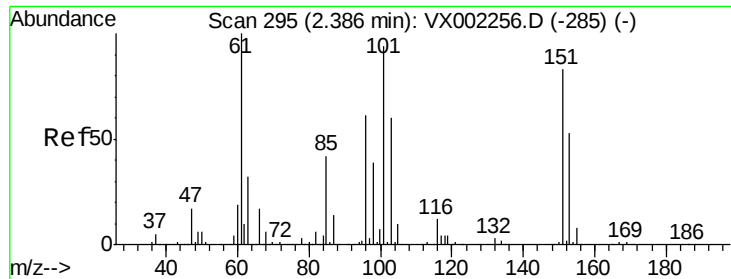


#8

Diethyl Ether
 Concen: 22.557 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.129 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

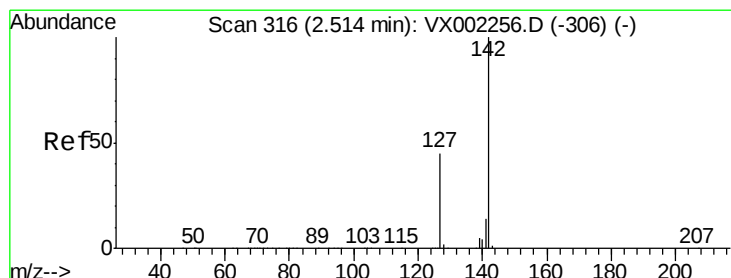
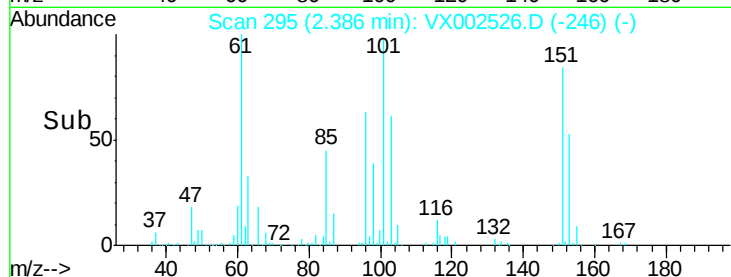
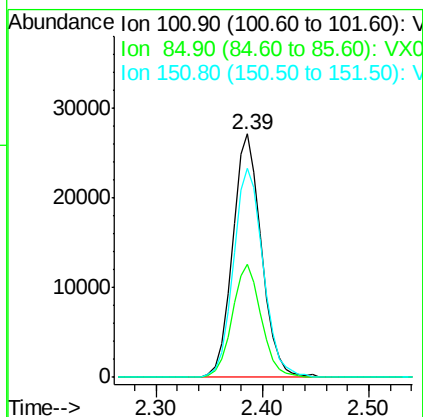
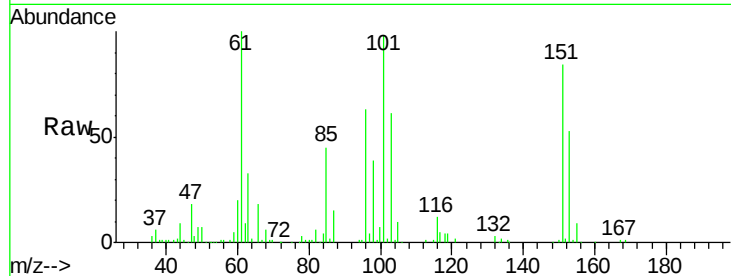
ClientSampleId :

VX0613MBS01

Tot Ion:	101	Resp:	51642
Ion Ratio	Lower	Upper	
101	100		
85	46.5	36.0	54.0
151	88.7	70.9	106.3

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#10

Methyl Iodide

Concen: 17.145 ug/l

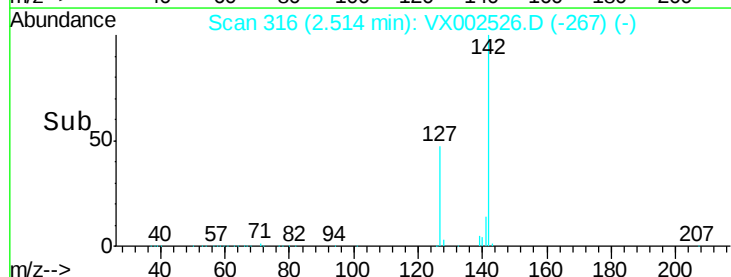
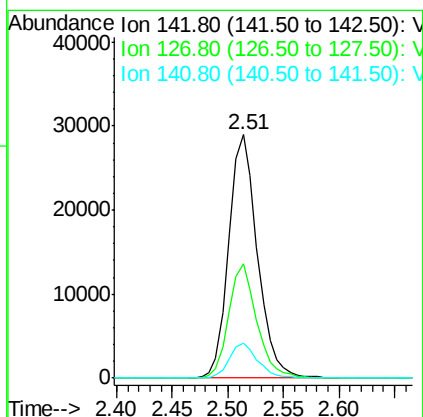
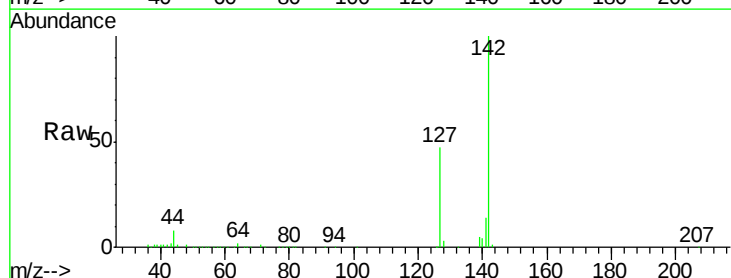
RT: 2.51 min Scan# 316

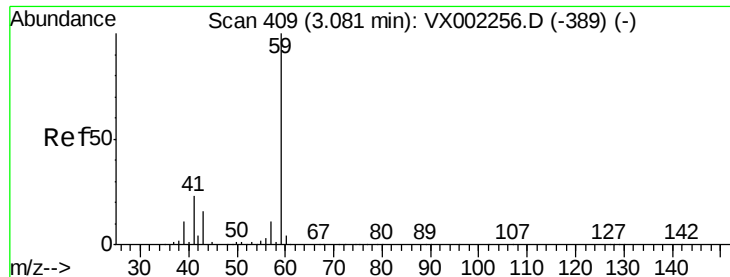
Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Tgt Ion:	142	Resp:	51612
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.6	55.0
141	14.3	11.3	16.9





#11

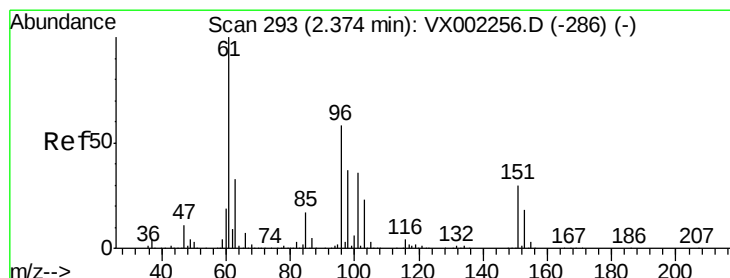
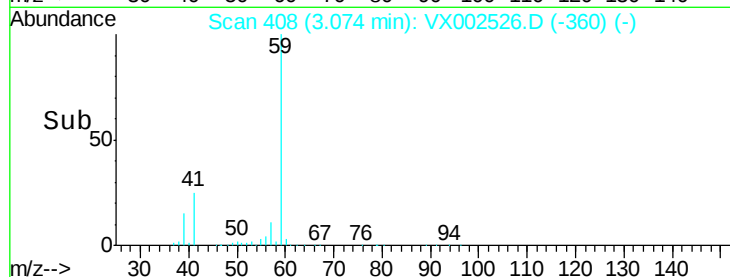
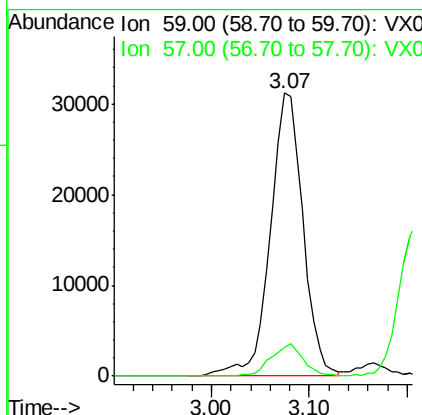
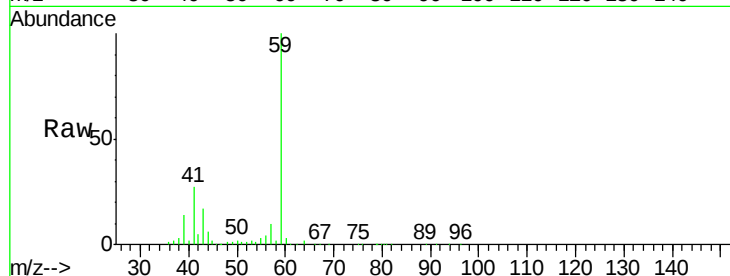
Tert butyl alcohol
Concen: 114.330 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampled :
VX0613MBS01

Tot Ion	59	Resp	72827
Ion Ratio	100	Lower	Upper
57	11.3	8.2	12.2

Manual Integrations
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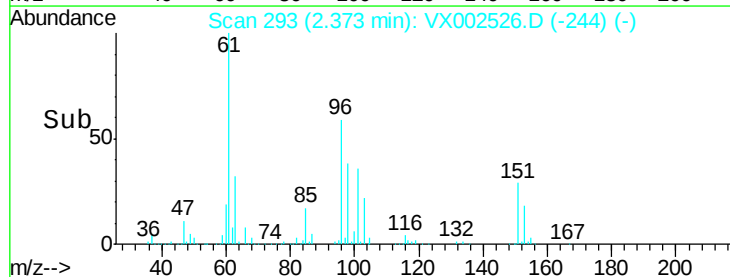
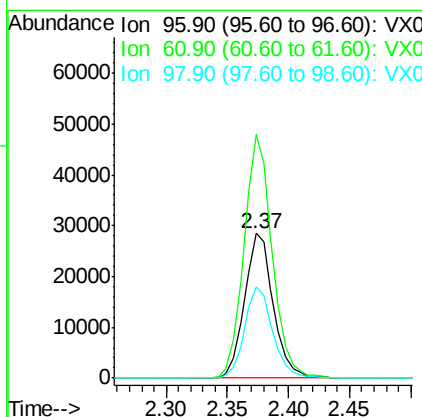
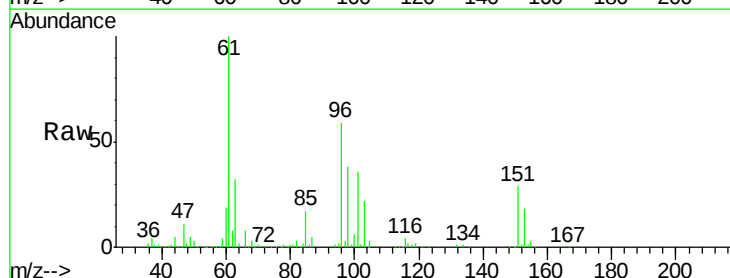
MMDadoda
6/14/2018 11:29:26 AM

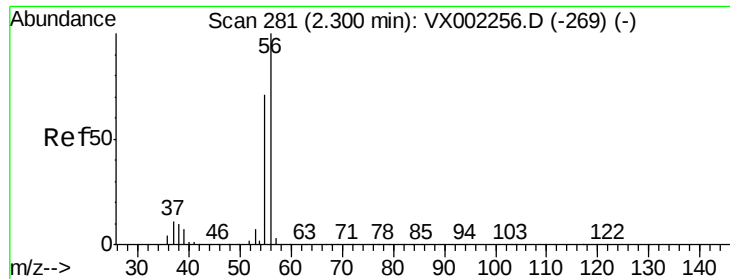


#12

1,1-Dichloroethene
Concen: 21.913 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion	96	Resp	46348
Ion Ratio	100	Lower	Upper
61	168.5	137.9	206.9
98	63.4	51.6	77.4





#13

Acrolein

Concen: 57.953 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion: 56 Resp: 18463

Ion Ratio Lower Upper

56 100

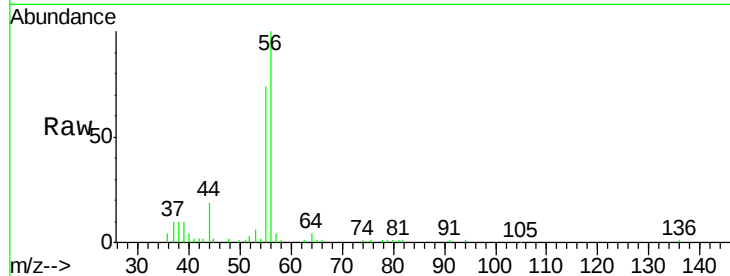
55 71.8 57.0 85.4

Manual Integrations

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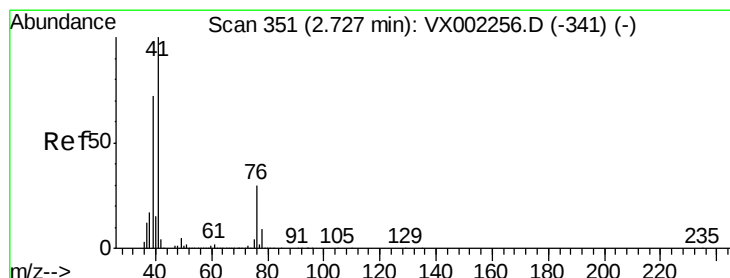
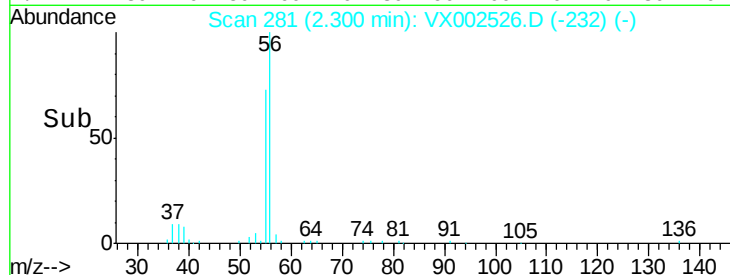
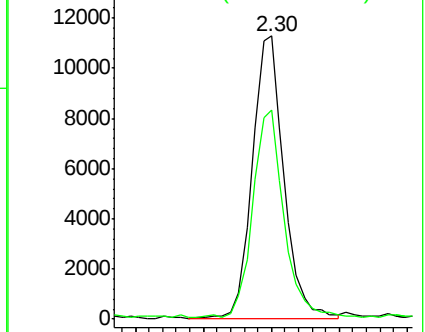
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.738 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

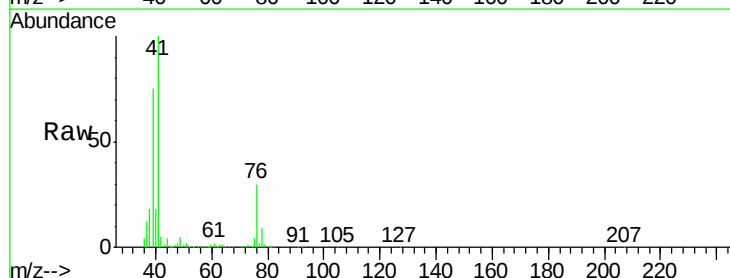
Tgt Ion: 41 Resp: 90602

Ion Ratio Lower Upper

41 100

39 71.8 56.8 85.2

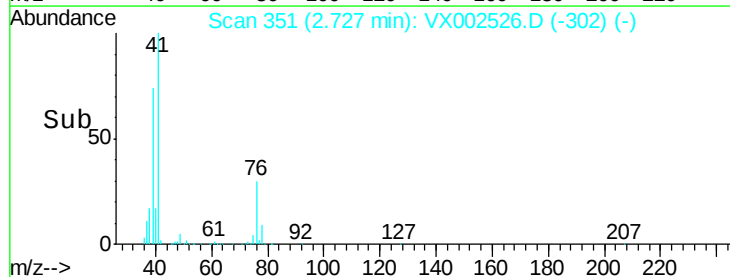
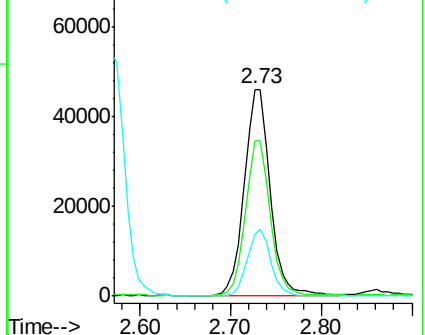
76 29.6 23.8 35.8

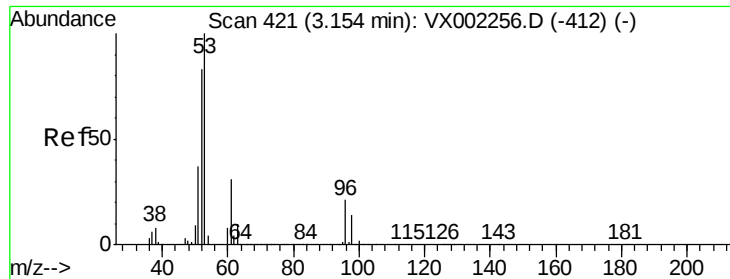


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 118.816 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

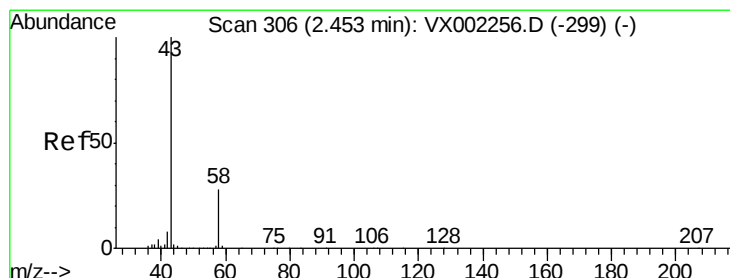
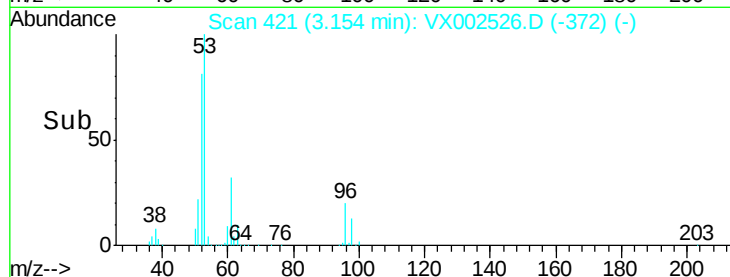
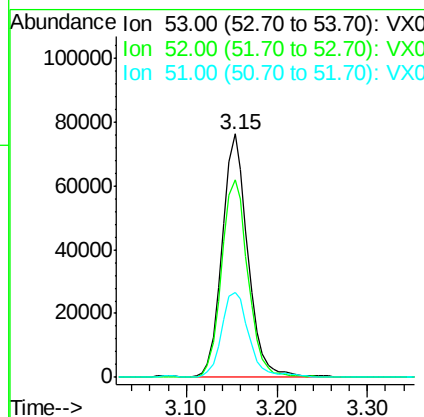
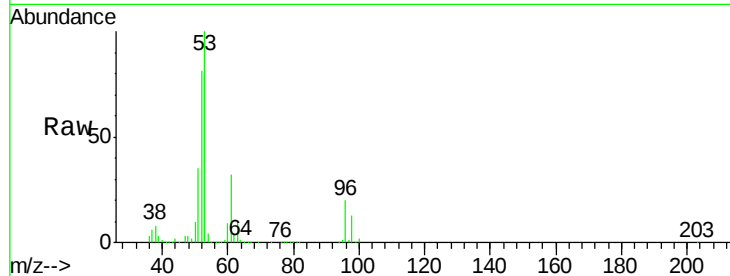
ClientSampleId :

VX0613MBS01

Tot Ion:	53	Resp:	149819
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.7	100.1
51	37.1	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 106.462 ug/l

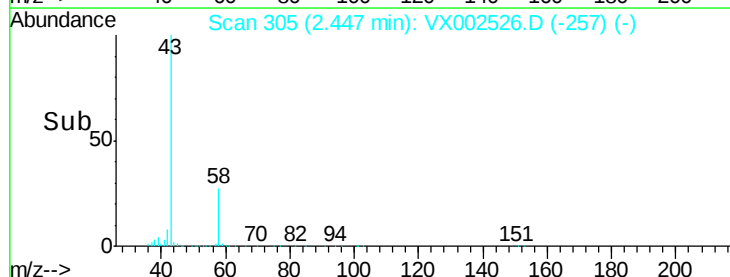
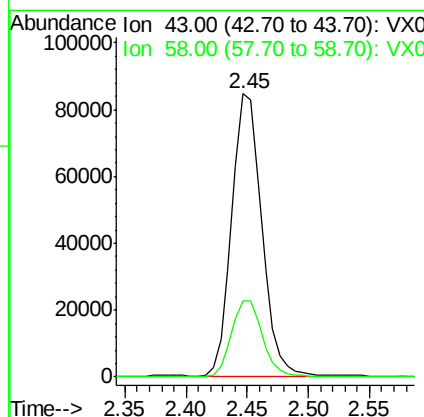
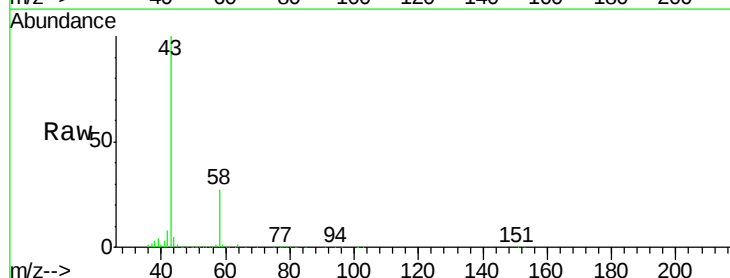
RT: 2.45 min Scan# 305

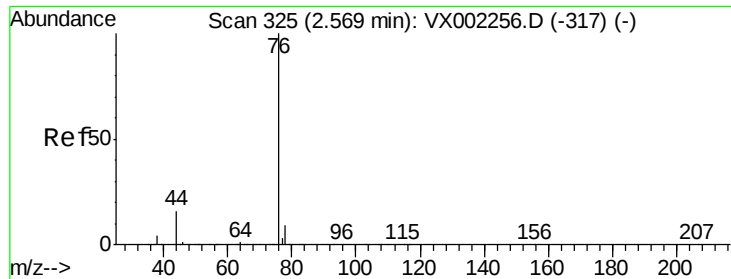
Delta R.T. -0.01 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Tgt Ion:	43	Resp:	143537
Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.1	33.1





#17

Carbon Disulfide

Concen: 16.361 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion: 76 Resp: 91205

Ion Ratio Lower Upper

76 100

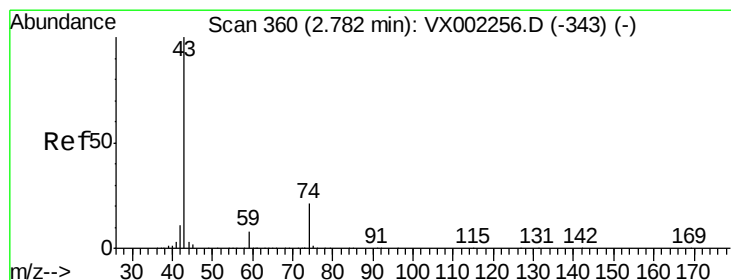
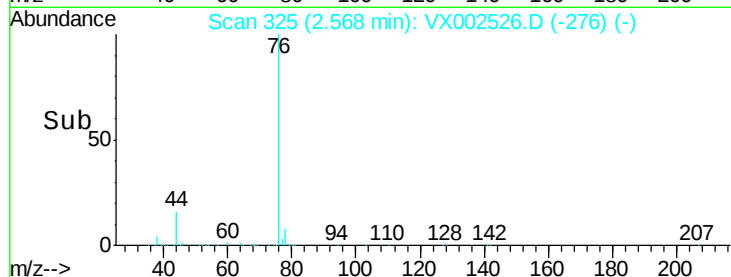
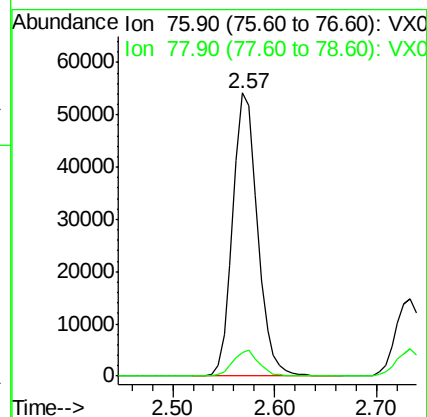
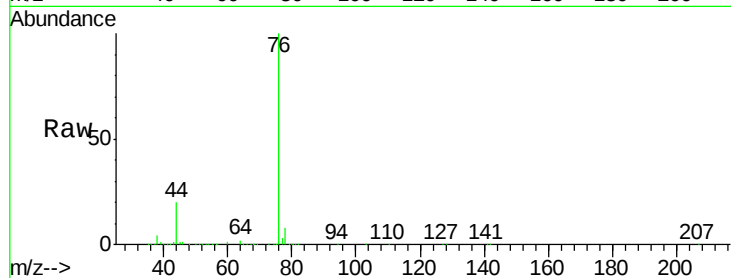
78 8.3 6.9 10.3

Manual Integrations

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#18

Methyl Acetate

Concen: 25.121 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002526.D

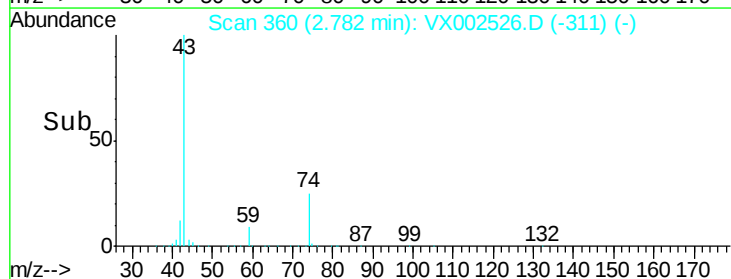
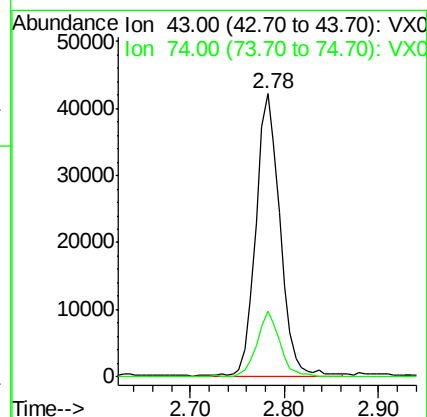
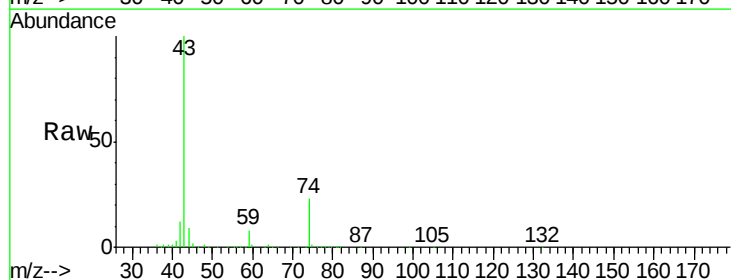
Acq: 14 Jun 2018 00:01

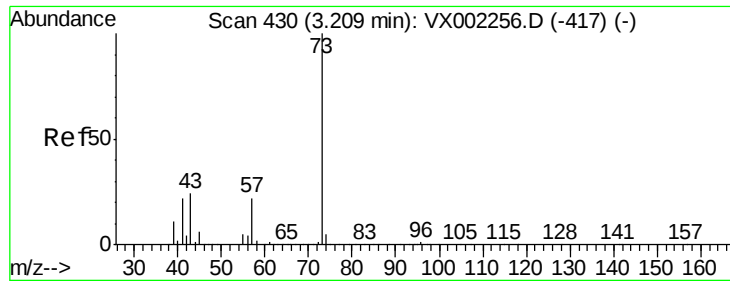
Tgt Ion: 43 Resp: 75325

Ion Ratio Lower Upper

43 100

74 22.1 16.7 25.1





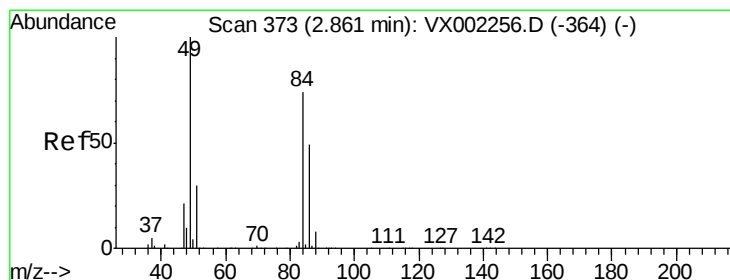
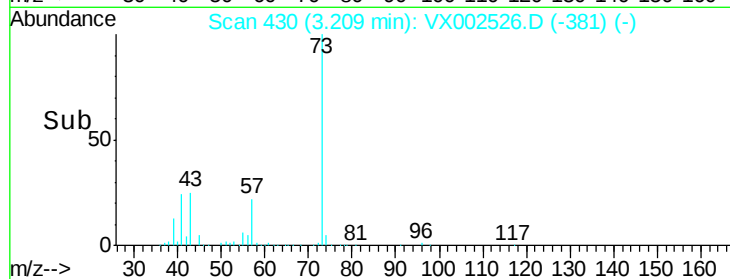
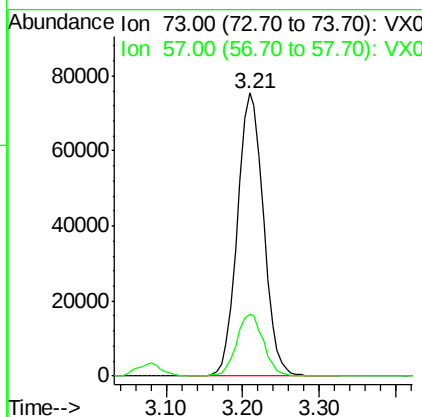
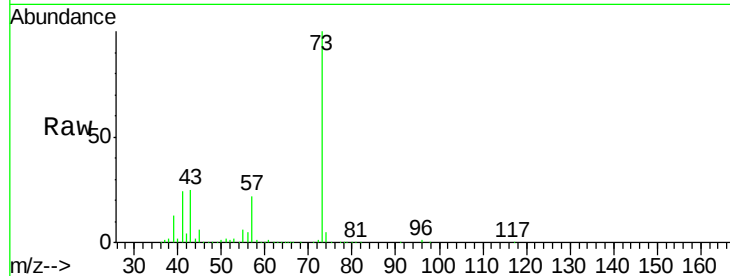
#19
Methyl tert-butyl Ether
Concen: 22.917 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion: 73 Resp: 178336
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

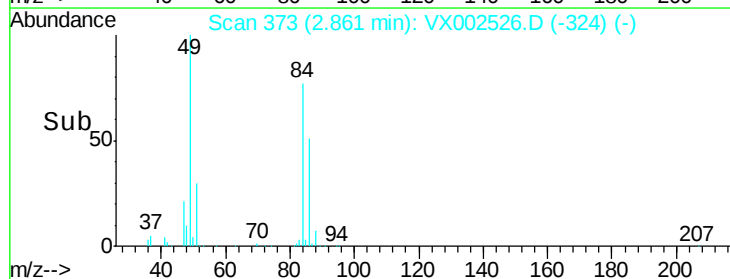
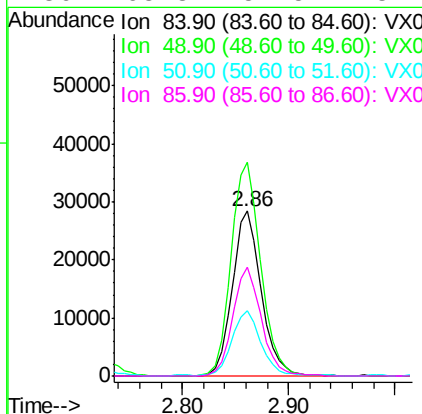
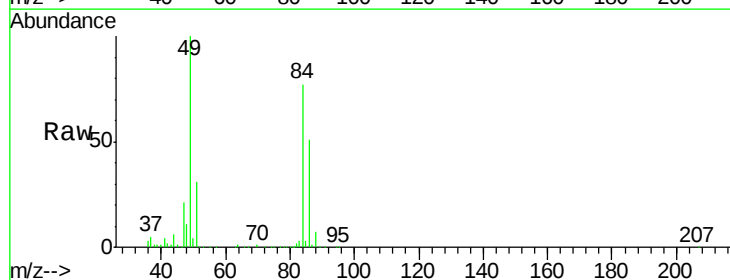
Manual Integrations
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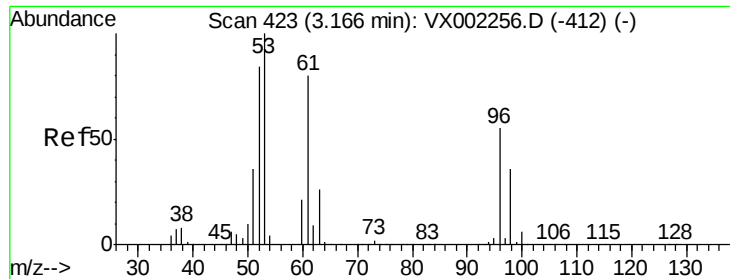
MMDadoda
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#20
Methylene Chloride
Concen: 22.625 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion: 84 Resp: 54226
Ion Ratio Lower Upper
84 100
49 129.3 107.8 161.6
51 39.8 32.8 49.2
86 65.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.378 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

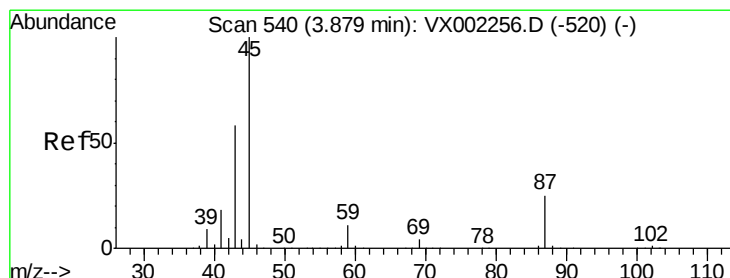
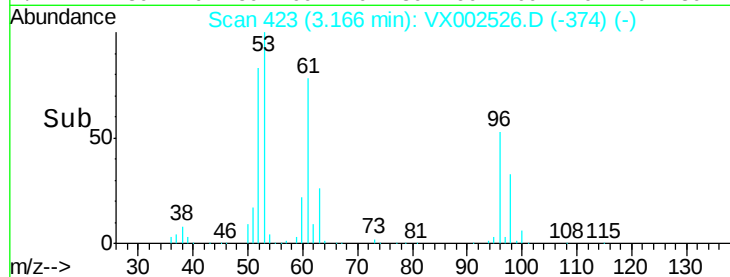
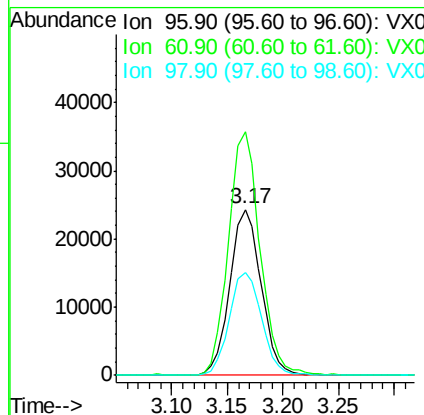
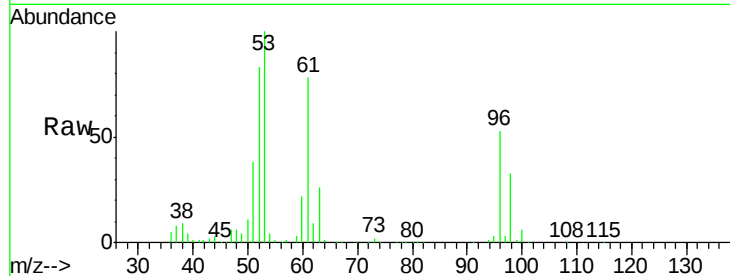
ClientSampleId :

VX0613MBS01

Tot Ion:	96	Resp:	47531
Ion	Ratio	Lower	Upper
96	100		
61	146.6	117.0	175.4
98	62.4	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.768 ug/l

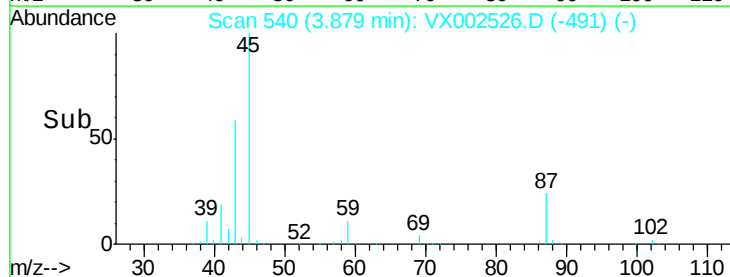
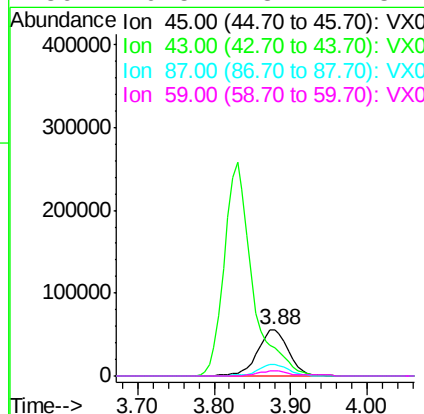
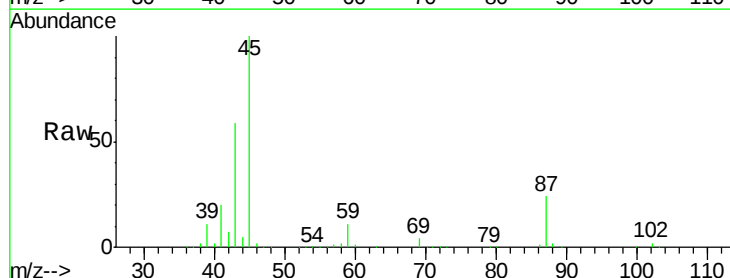
RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Tgt Ion:	45	Resp:	158482
Ion	Ratio	Lower	Upper
45	100		
43	59.0	46.8	70.2
87	24.1	20.2	30.4
59	10.5	8.7	13.1





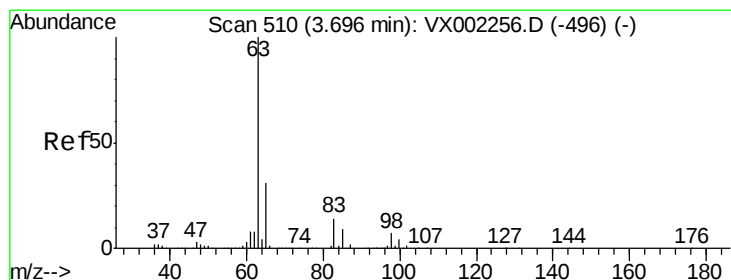
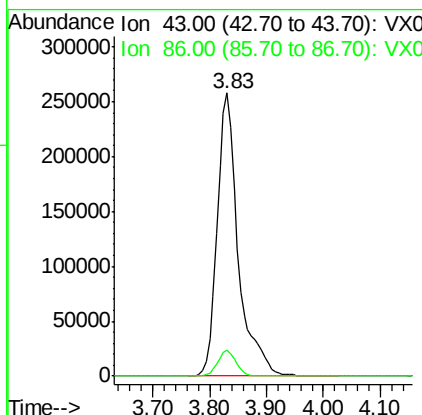
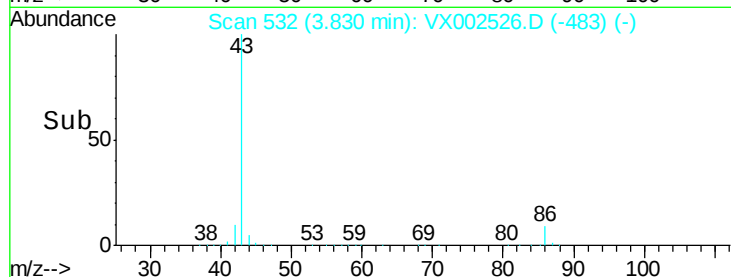
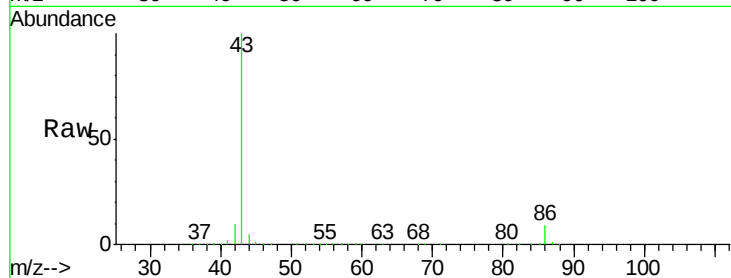
#23
 Vinyl Acetate
 Concen: 88.656 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.4	11.0

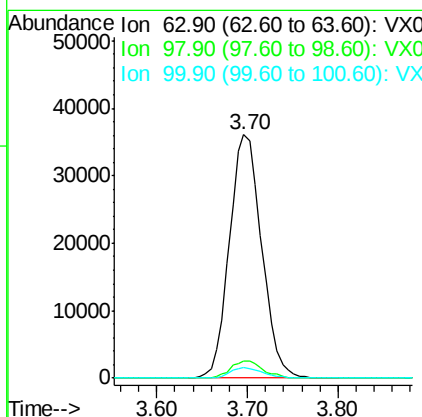
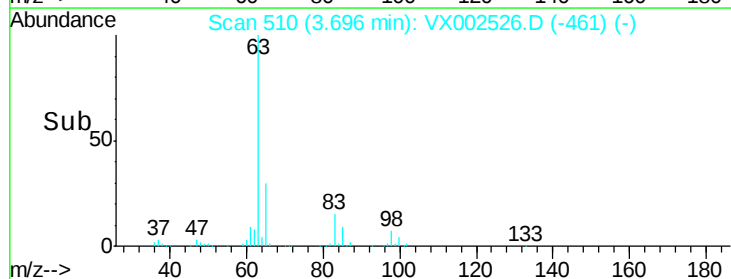
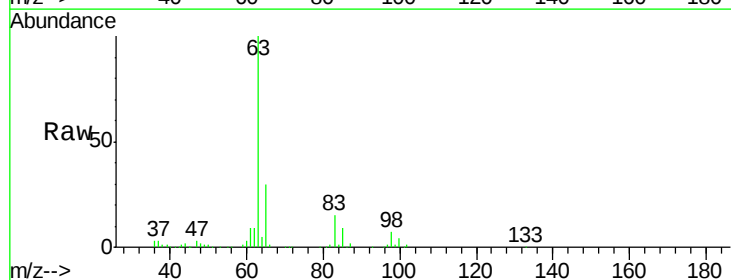
Manual Integrations
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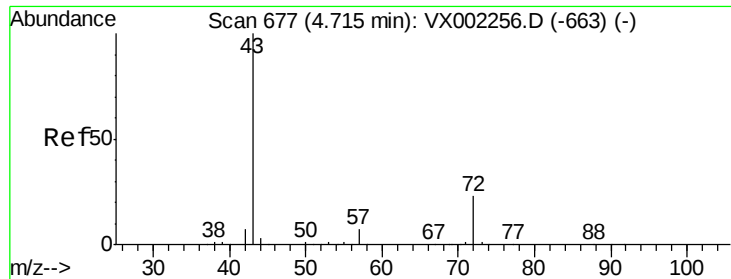
MMDadoda
 6/14/2018 11:29:26 AM



#24
 1,1-Dichloroethane
 Concen: 19.632 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.4	10.2
100	4.2	2.0	6.0





#25

2-Butanone

Concen: 96.413 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion: 43 Resp: 187820

Ion Ratio Lower Upper

43 100

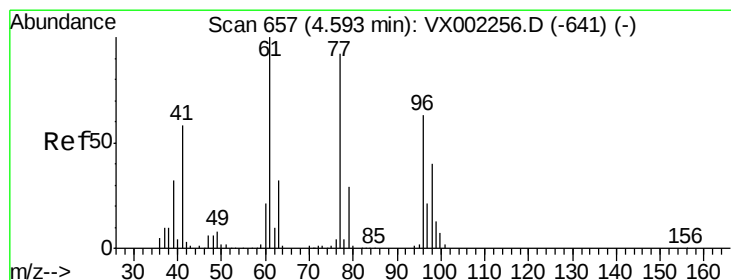
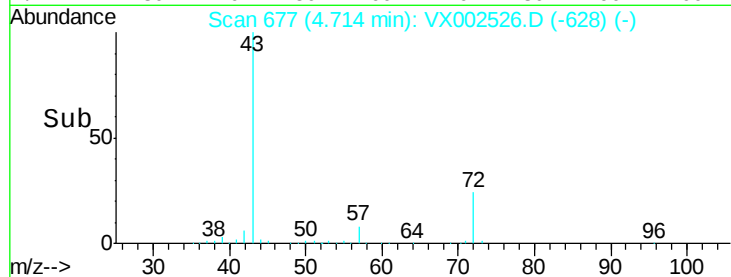
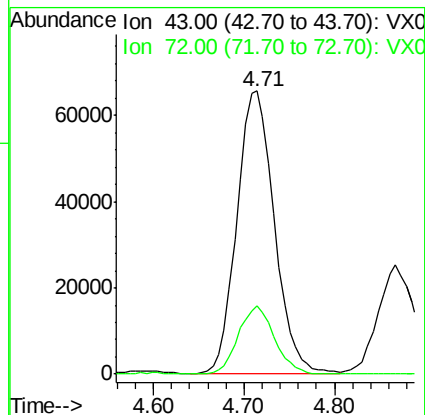
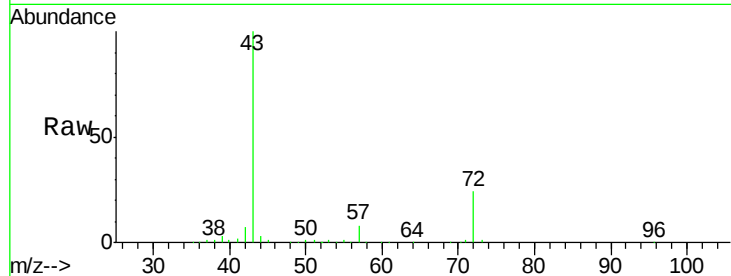
72 24.0 18.5 27.7

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 14.310 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002526.D

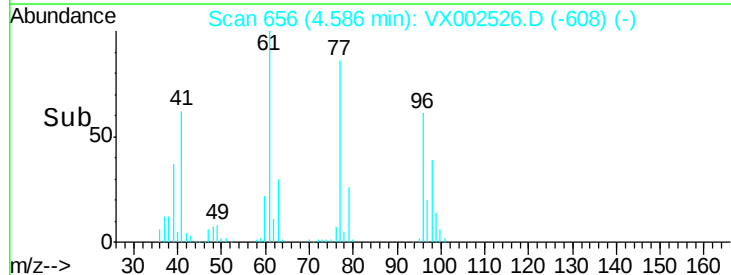
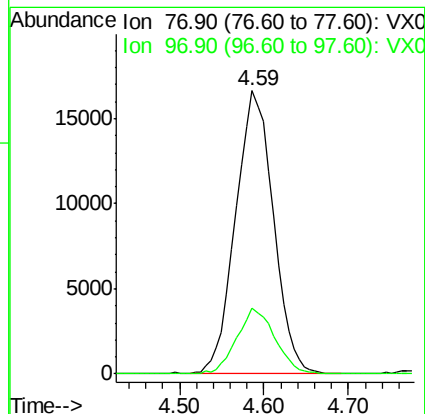
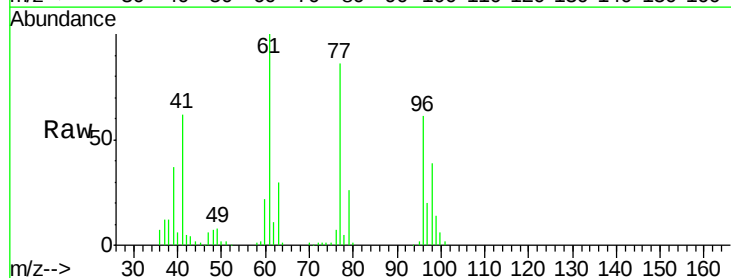
Acq: 14 Jun 2018 00:01

Tgt Ion: 77 Resp: 50747

Ion Ratio Lower Upper

77 100

97 23.4 11.2 33.5





#27

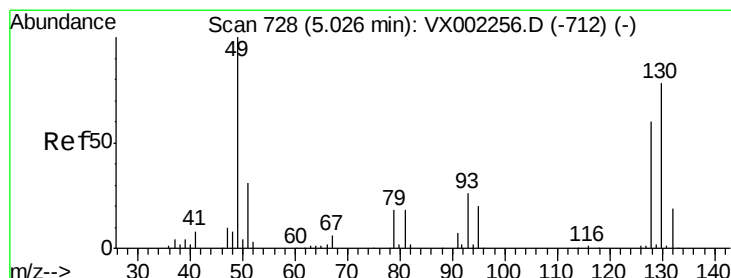
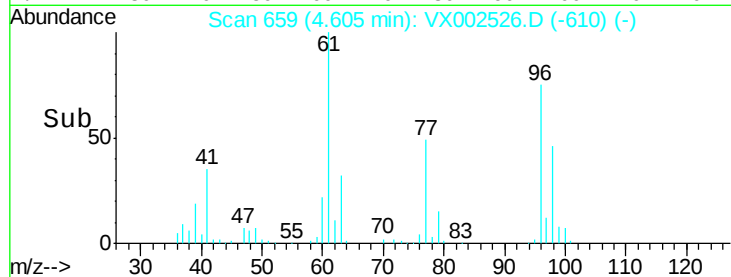
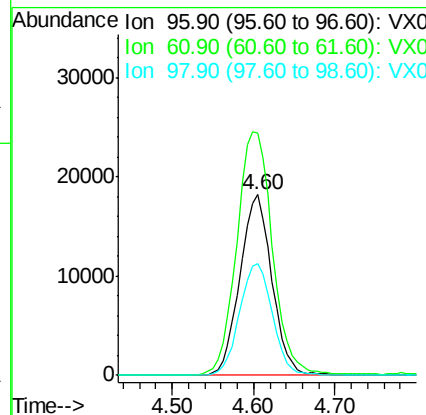
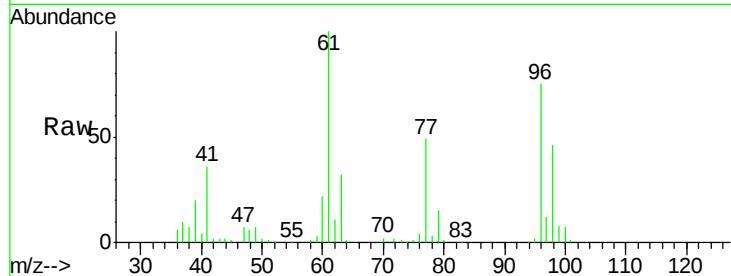
cis-1,2-Dichloroethene
Concen: 19.501 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	330.2
98	63.3	0.0	130.2

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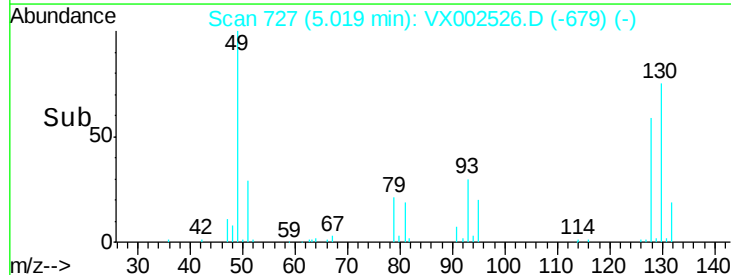
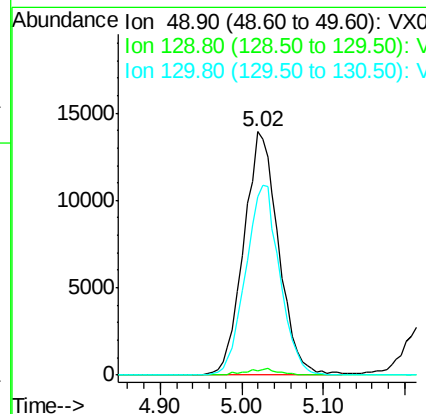
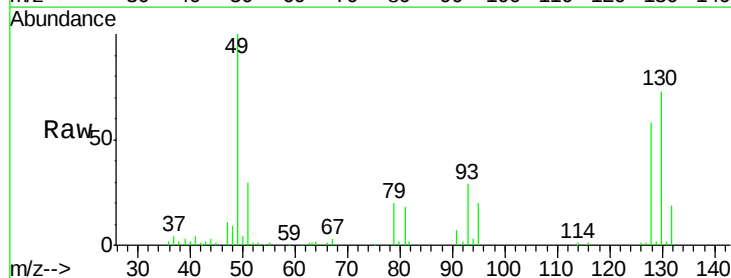
MMDadoda
6/14/2018 11:29:26 AM

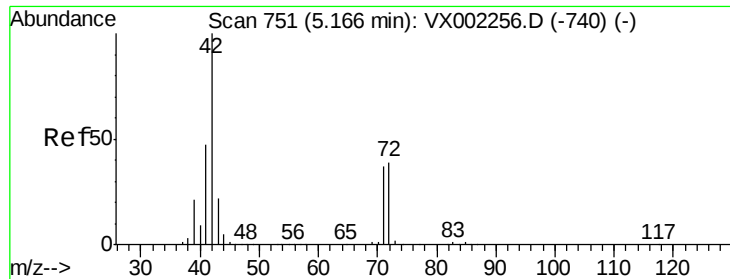


#28

Bromochloromethane
Concen: 19.129 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	76.8	61.2	91.8





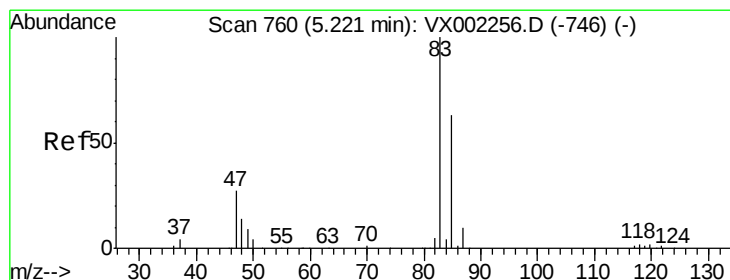
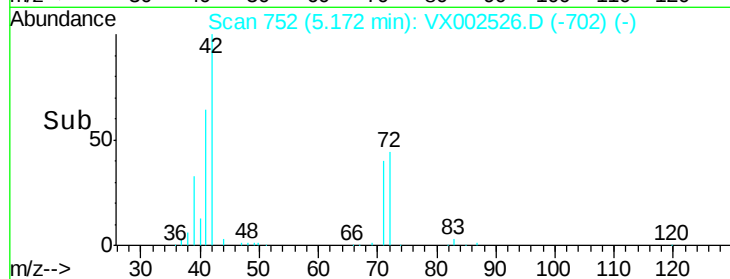
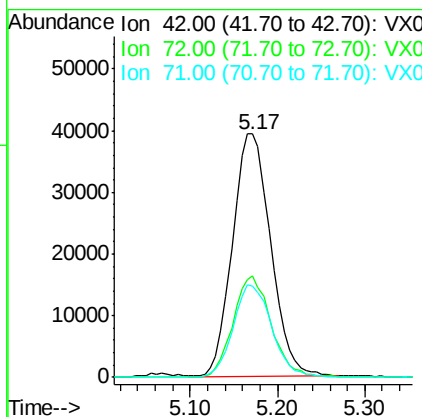
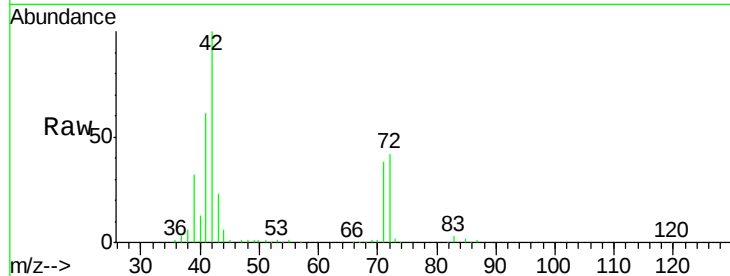
#29
Tetrahydrofuran
Concen: 95.461 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.0	48.0
71	38.5	30.1	45.1

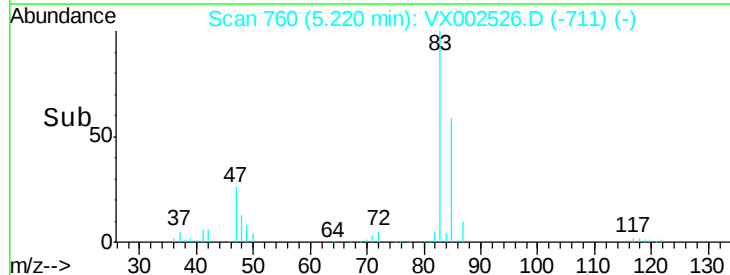
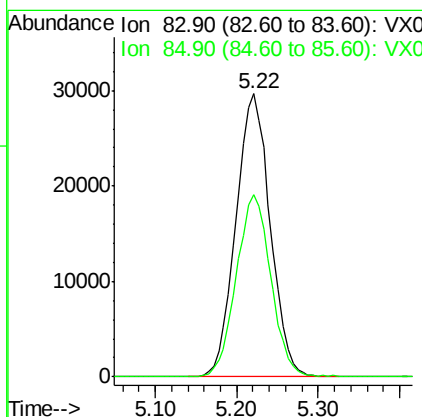
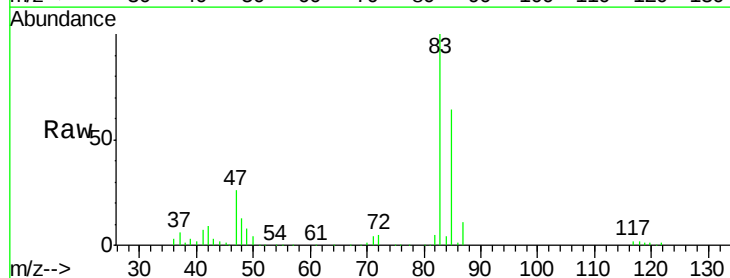
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6/14/2018 11:29:26 AM



#30
Chloroform
Concen: 19.773 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.4	75.6





#31

Cyclohexane

Concen: 18.943 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

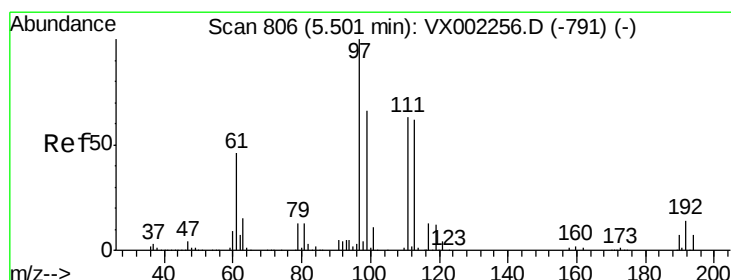
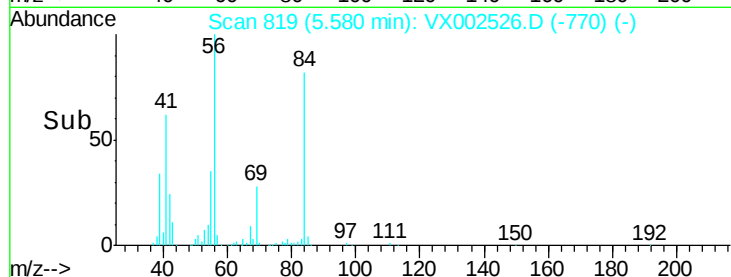
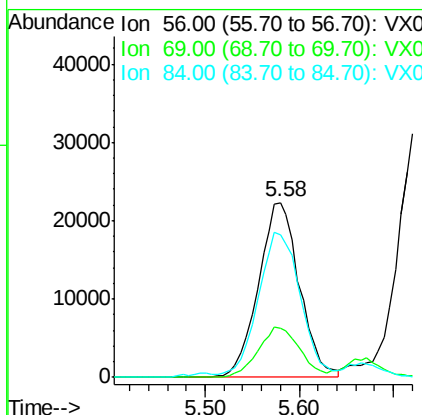
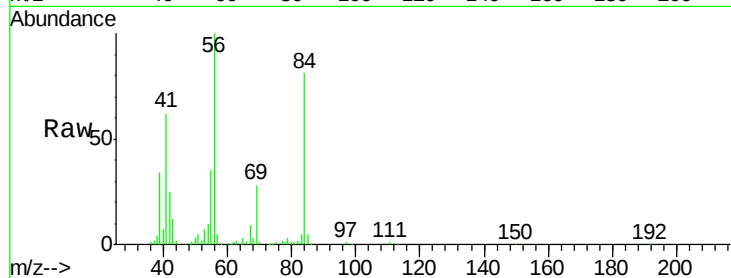
ClientSampleId :

VX0613MBS01

Tot Ion:	56	Resp:	67955
Ion Ratio	Lower	Upper	
56	100		
69	28.0	23.7	35.5
84	80.1	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 19.842 ug/l

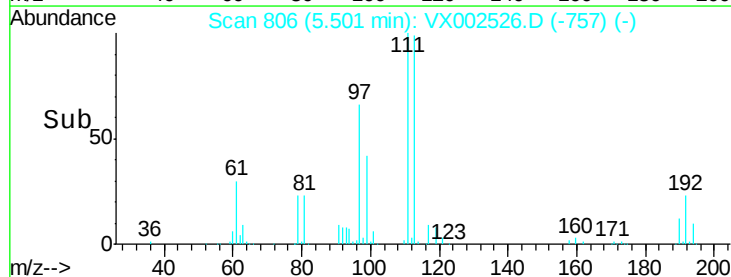
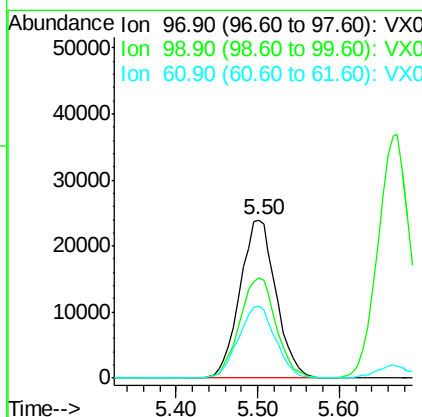
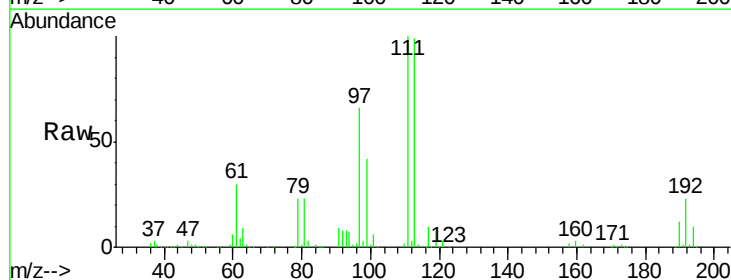
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Tgt Ion:	97	Resp:	73668
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.6	77.4
61	46.6	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 50.753 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion: 65 Resp: 144049

Ion Ratio Lower Upper

65 100

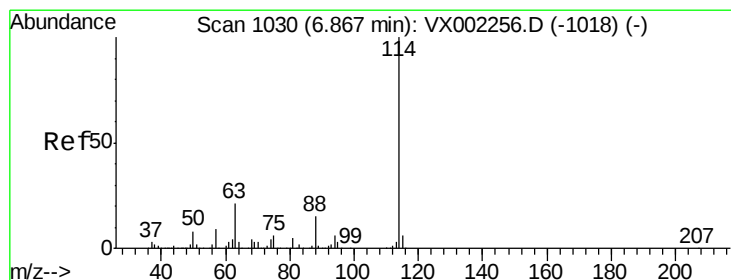
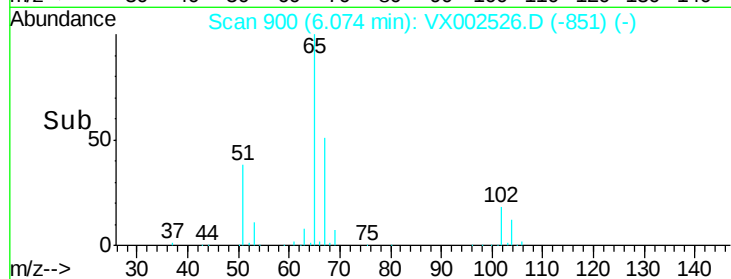
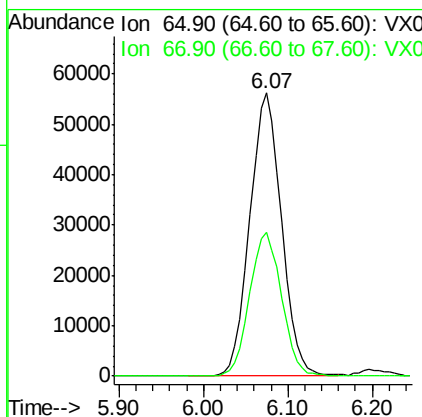
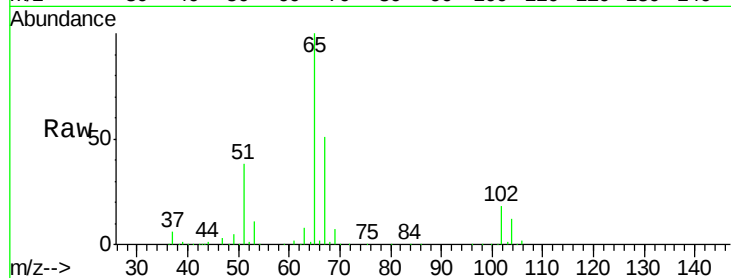
67 51.3 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

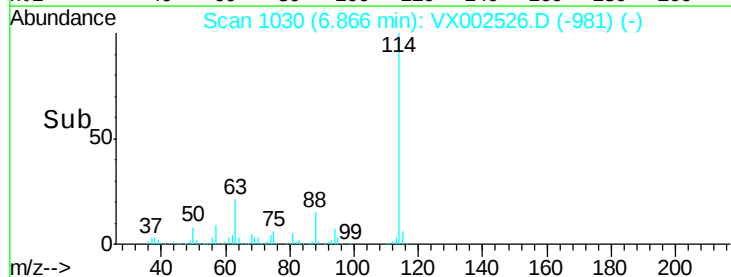
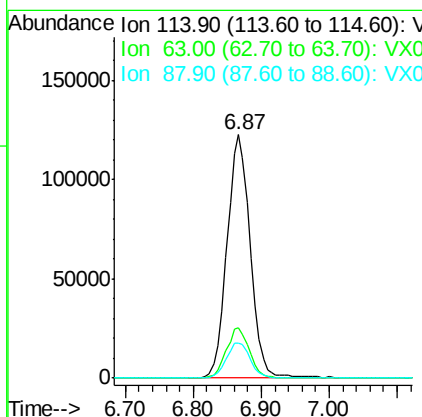
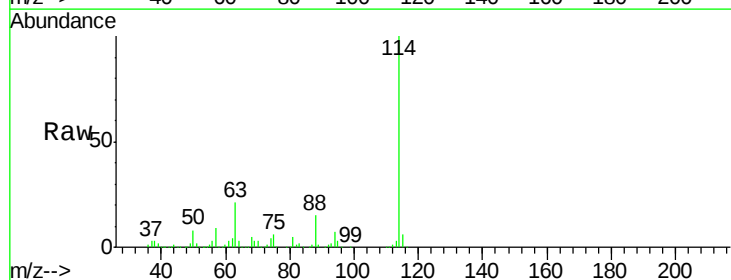
Tgt Ion: 114 Resp: 289928

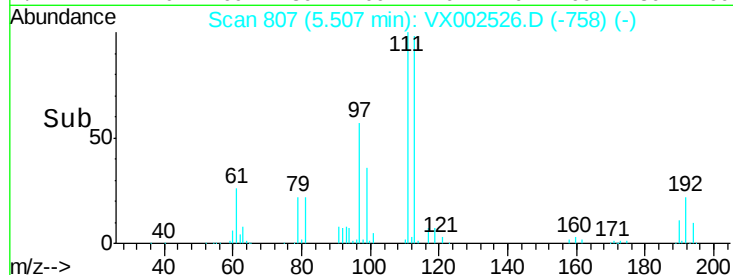
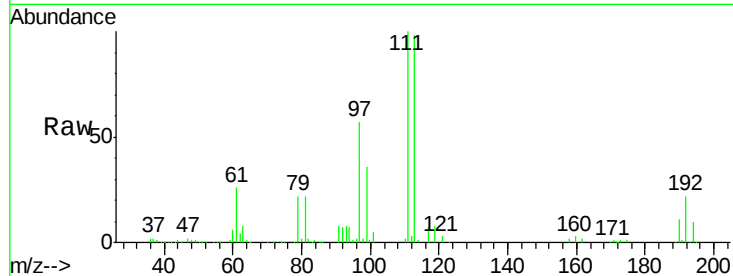
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 14.6 0.0 30.0





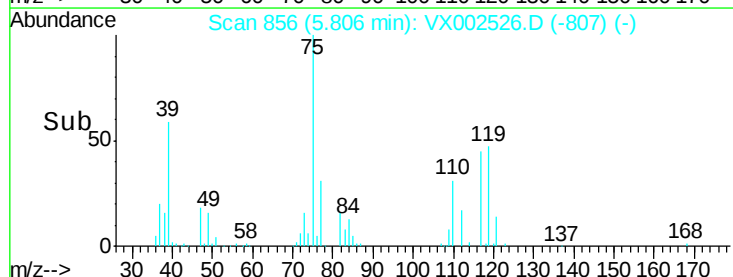
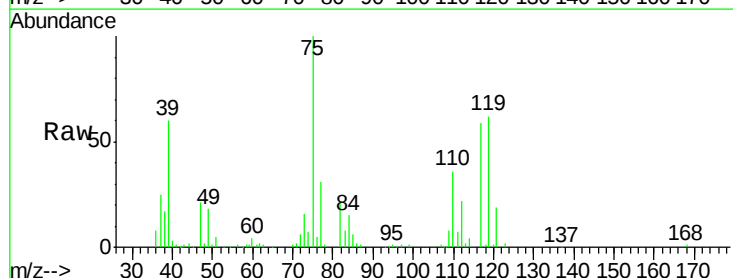
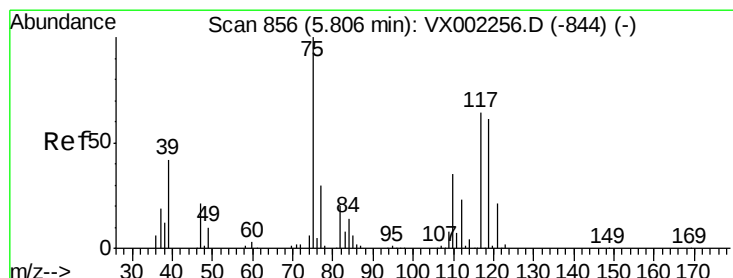
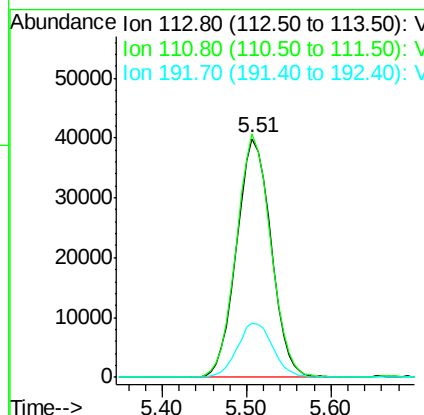
#35
Dibromofluoromethane
Concen: 48.574 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110749		
111	101.5	81.4	122.0	
192	23.2	19.1	28.7	

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

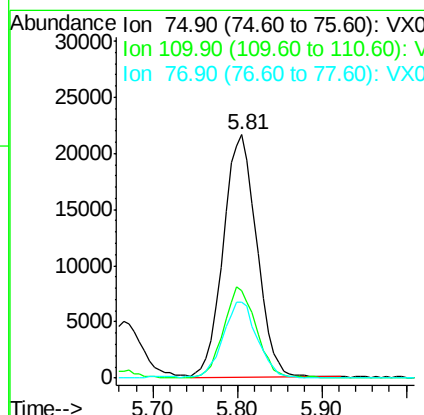
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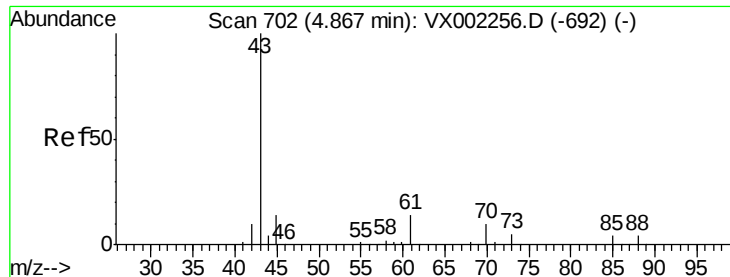
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#36
1,1-Dichloropropene
Concen: 19.201 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58525		
110	36.6	18.1	54.4	
77	32.7	24.3	36.5	





#37

Ethyl Acetate

Concen: 19.615 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

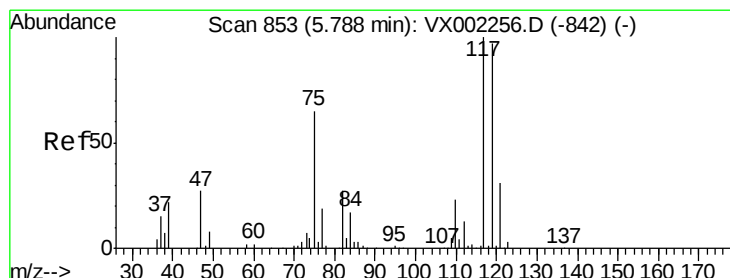
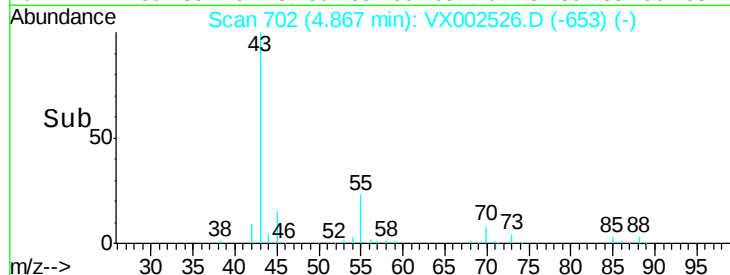
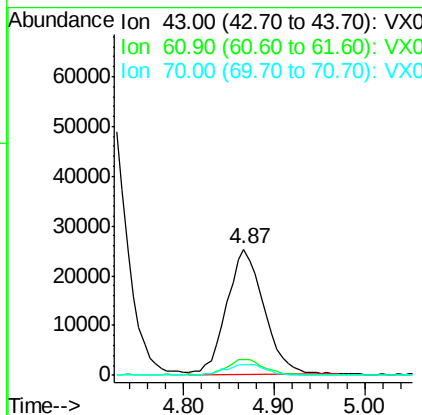
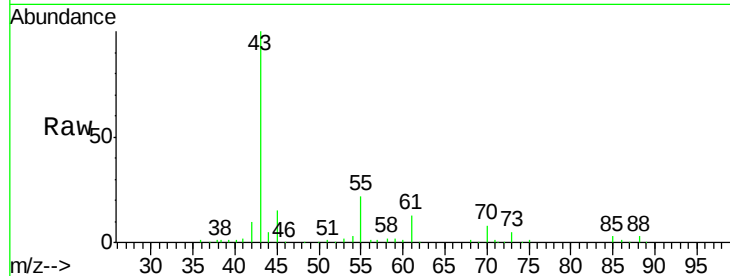
ClientSampleId :

VX0613MBS01

Tot Ion:	43	Resp:	71900
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.4	15.6
70	9.6	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.493 ug/l

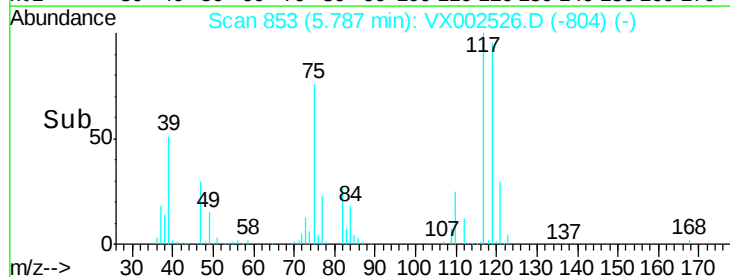
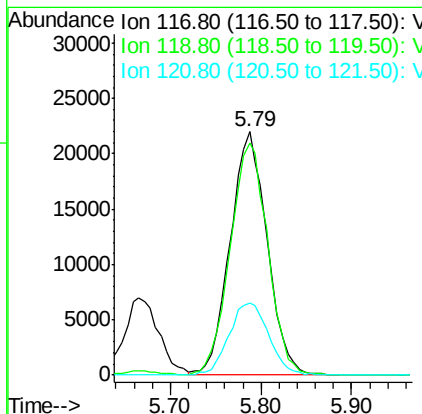
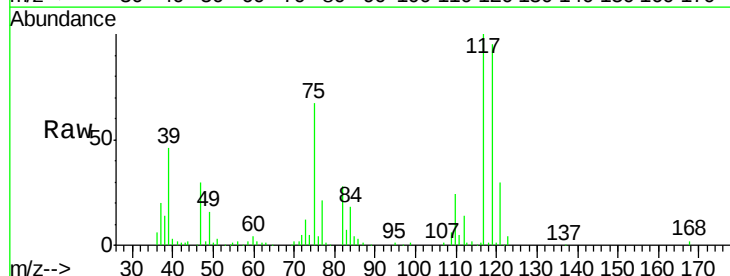
RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Tgt Ion:	117	Resp:	62155
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
121	29.7	24.4	36.6





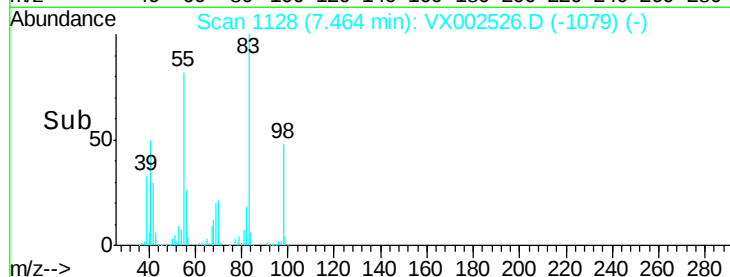
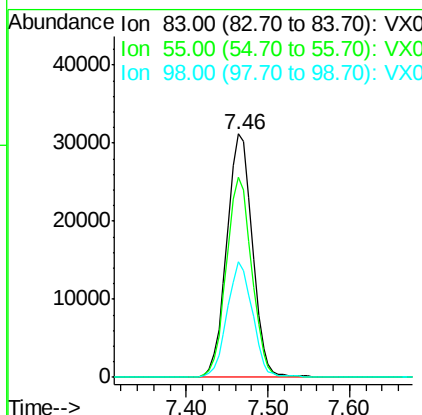
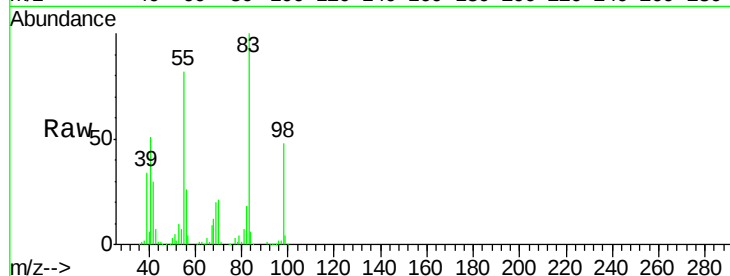
#39
Methvlcvclohexane
Concen: 18.065 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.2	65.4	98.0
98	47.7	37.4	56.0

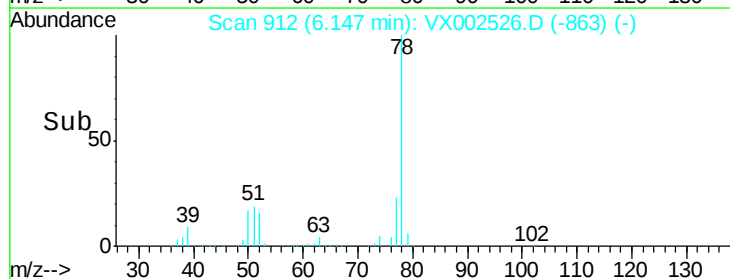
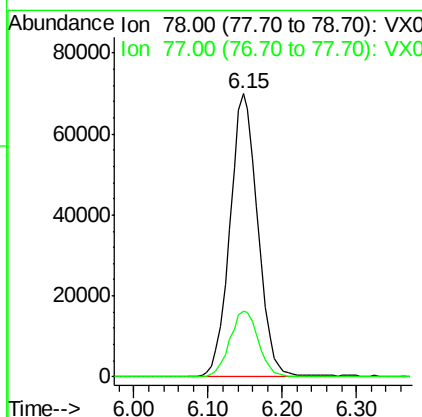
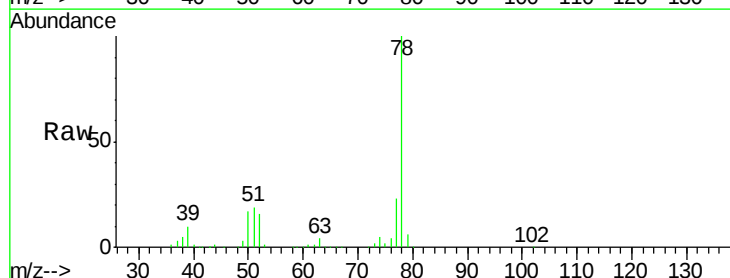
Manual Integrations
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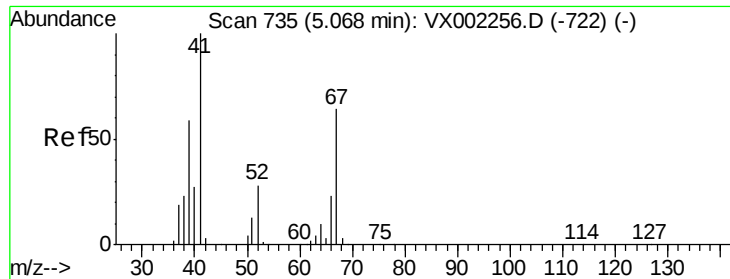
MMDadoda
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#40
Benzene
Concen: 19.633 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





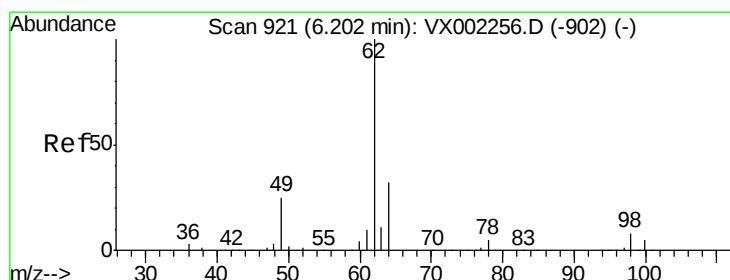
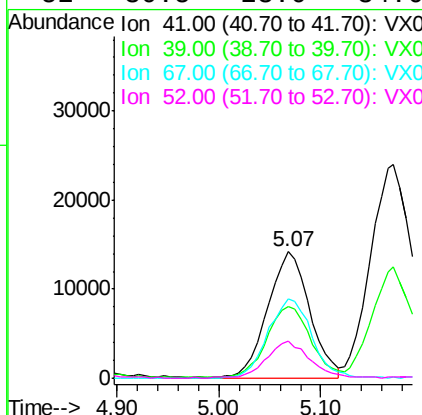
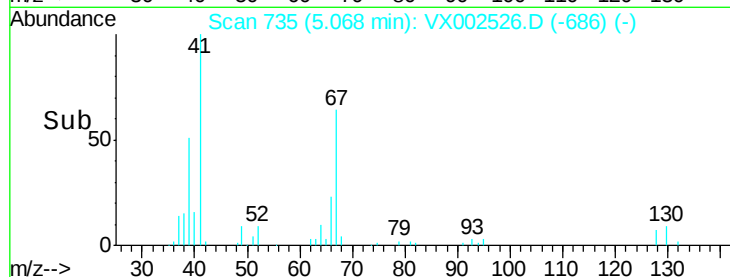
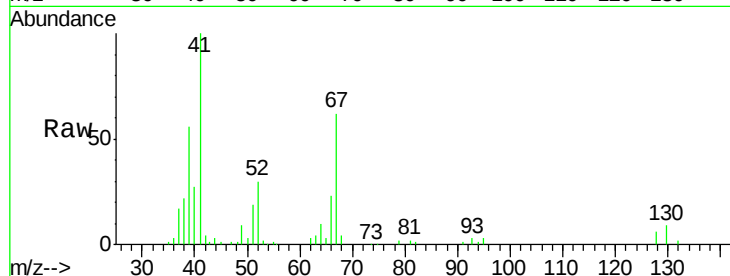
#41
Methacrylonitrile
Concen: 19.440 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.8	68.6
67	66.0	51.3	76.9
52	30.5	23.0	34.6

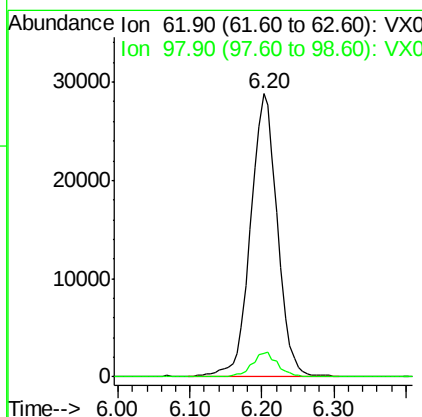
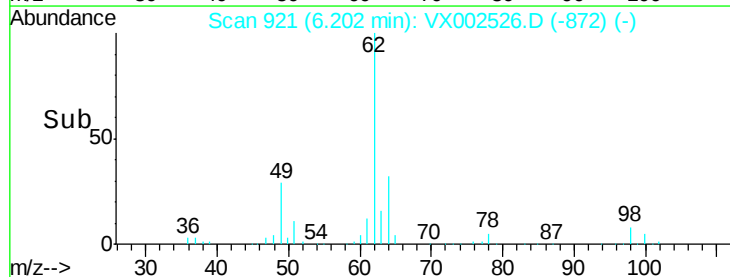
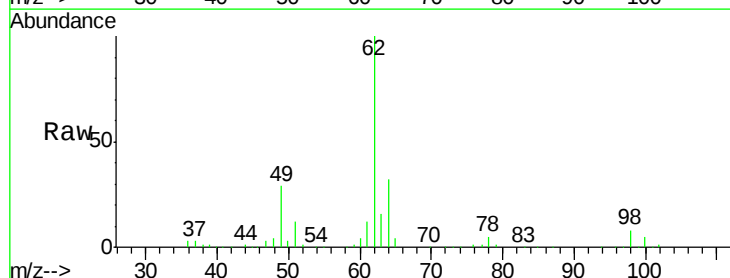
Manual Integrations
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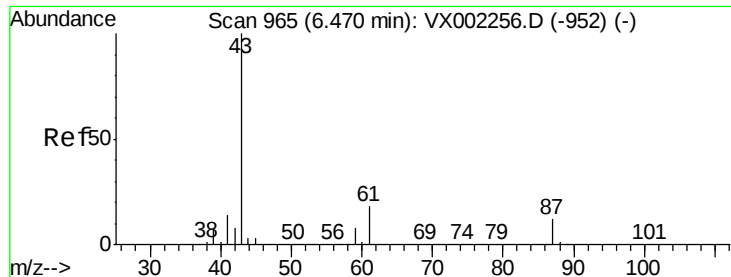
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.156 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.923 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

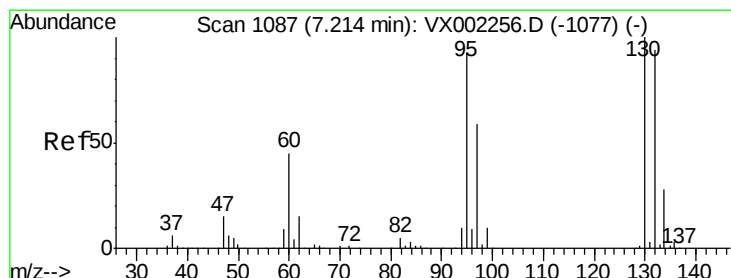
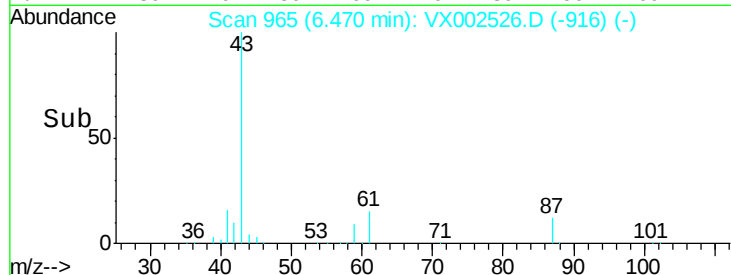
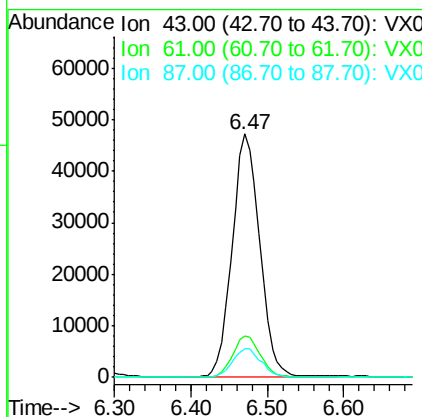
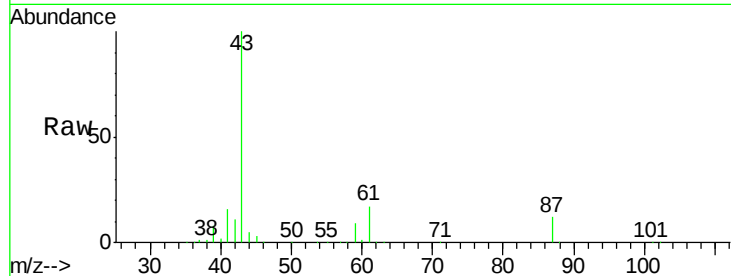
ClientSampleId :

VX0613MBS01

Tot Ion:	43	Resp:	117812
Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.4	21.6
87	12.2	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 19.697 ug/l

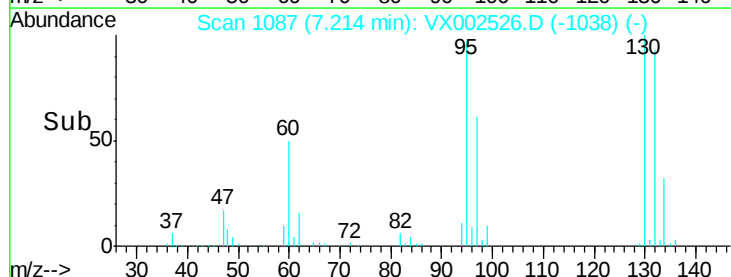
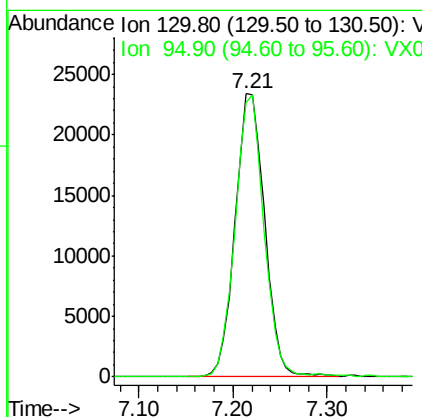
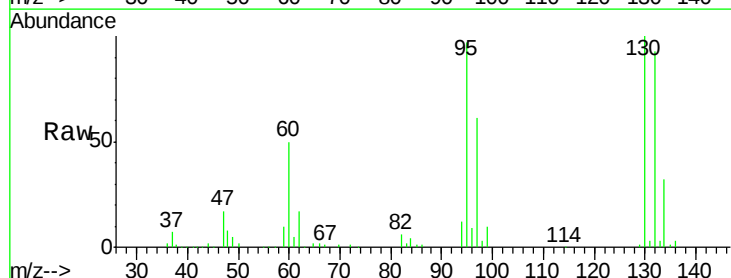
RT: 7.21 min Scan# 1087

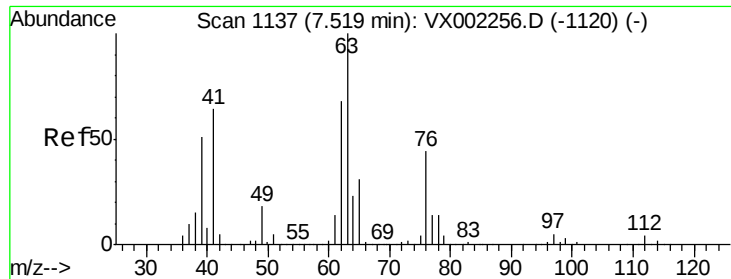
Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Tgt Ion:	130	Resp:	51089
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	185.4





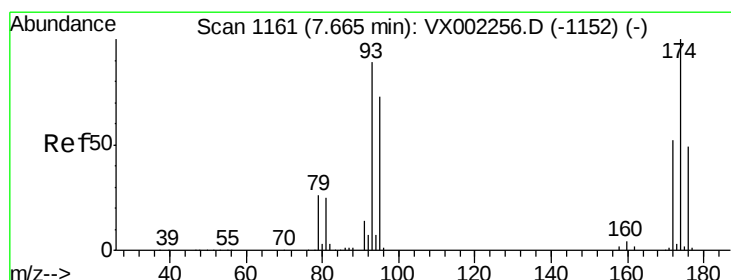
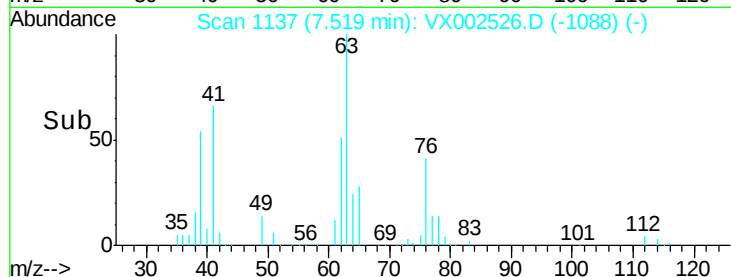
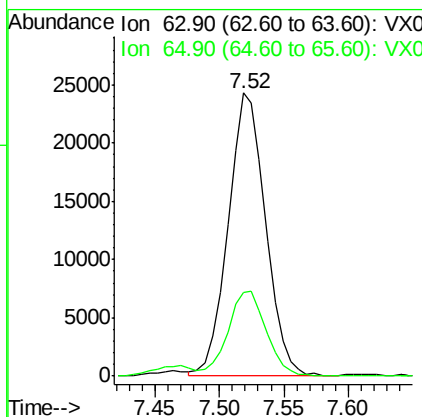
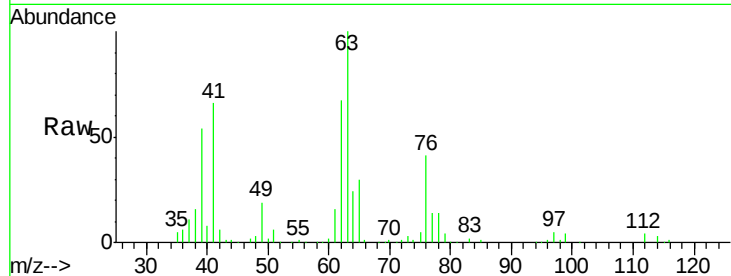
#45
 1,2-Dichloropropane
 Concen: 19.377 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613MBS01

Tot Ion: 63 Resp: 48888
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.7 37.1

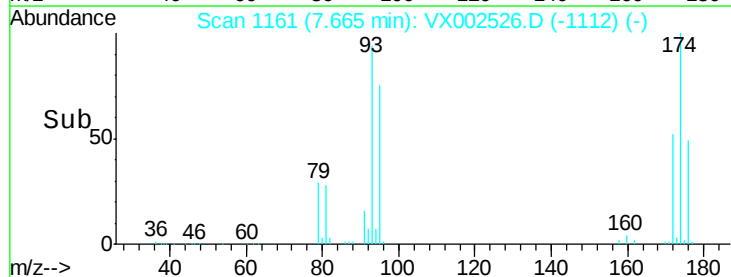
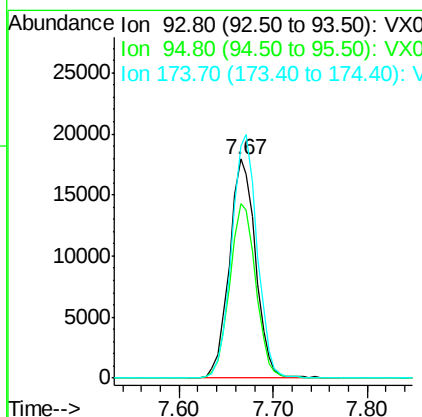
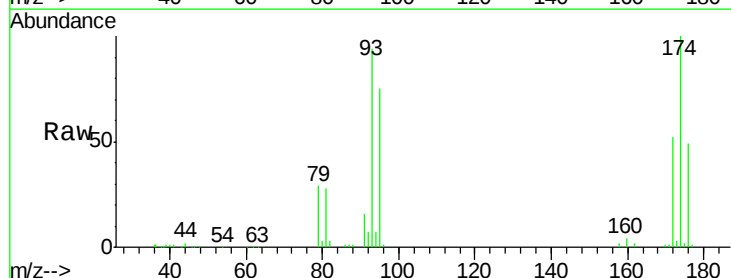
Manual Integrations
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 6/14/2018 11:29:26 AM



#46
 Dibromomethane
 Concen: 20.284 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Tgt Ion: 93 Resp: 34693
 Ion Ratio Lower Upper
 93 100
 95 79.7 65.9 98.9
 174 108.0 92.4 138.6





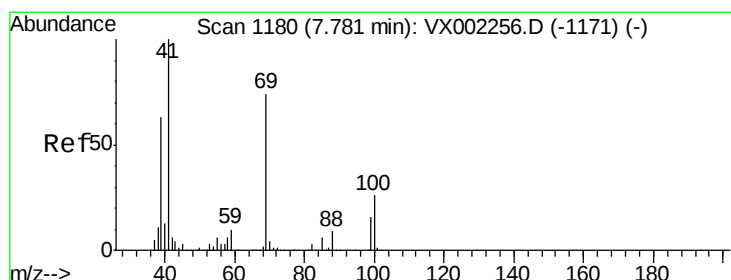
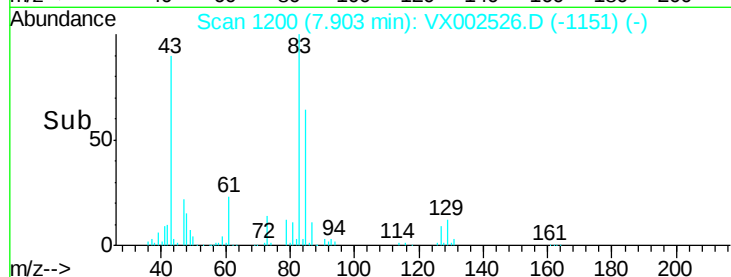
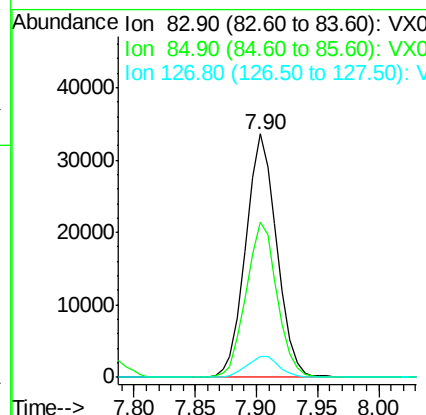
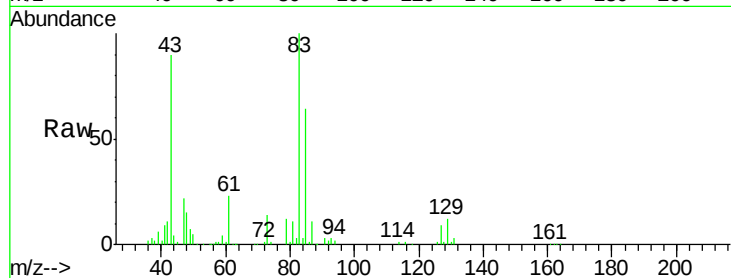
#47
Bromodichloromethane
Concen: 19.129 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.3	75.5
127	8.7	7.0	10.4

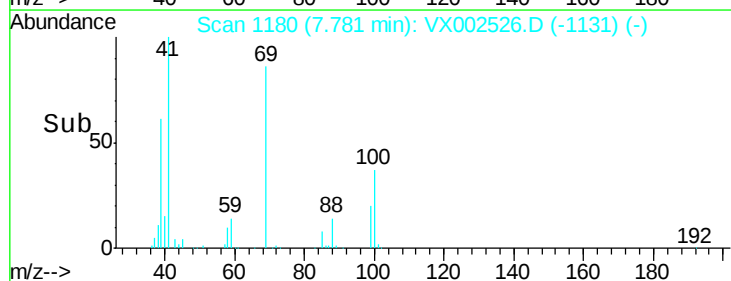
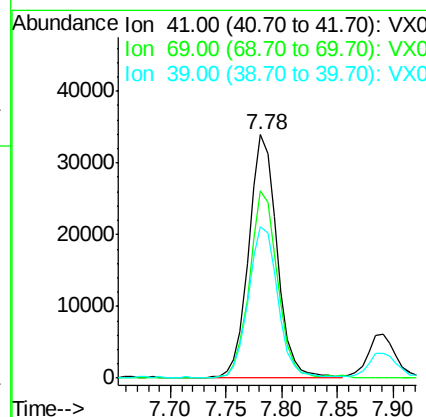
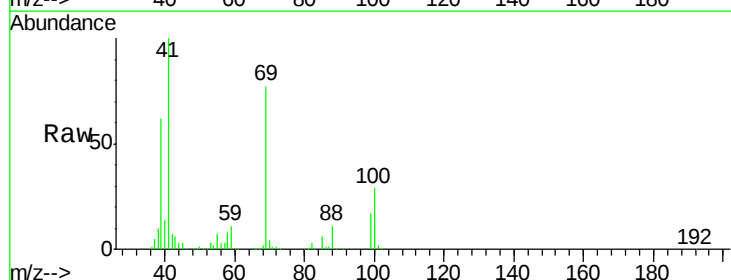
Manual Integrations
APPROVED

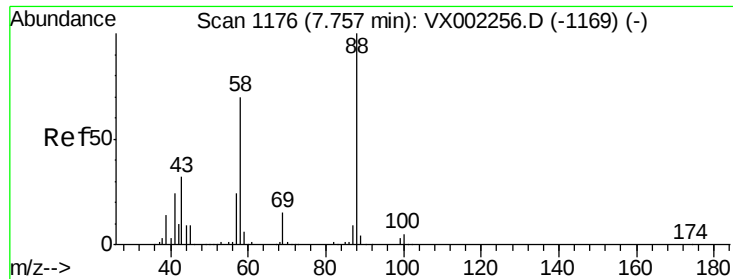
MMDadoda
6/14/2018 11:29:26 AM



#48
Methyl methacrylate
Concen: 19.129 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.5	59.1	88.7
39	64.2	48.9	73.3





#49

1,4-Dioxane

Concen: 423.060 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

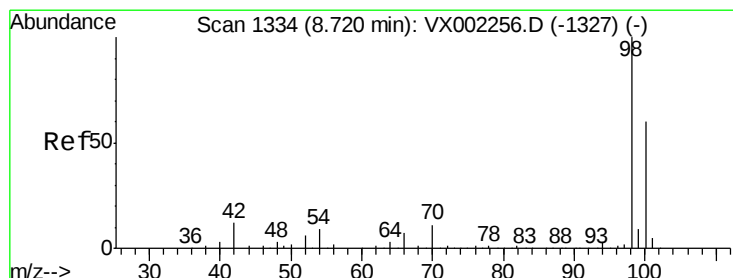
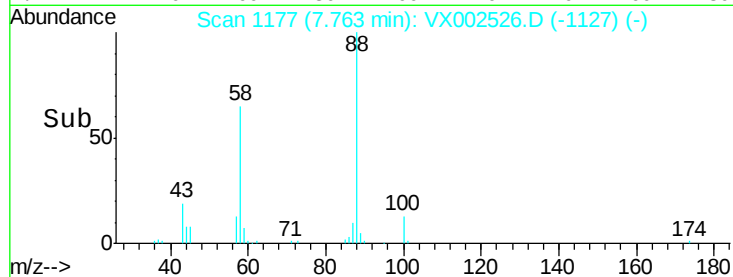
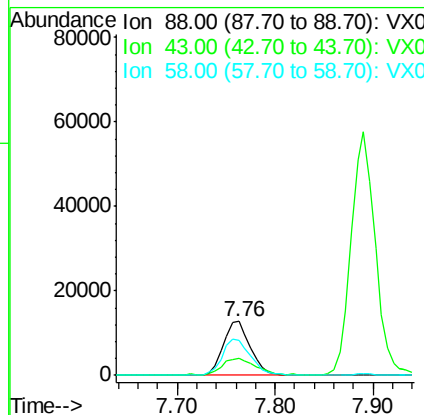
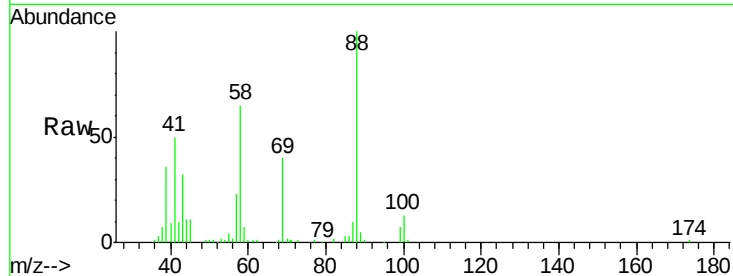
ClientSampleId :

VX0613MBS01

Tot Ion:	88	Resp:	24738
Ion	Ratio	Lower	Upper
88	100		
43	39.0	29.8	44.6
58	71.6	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 47.812 ug/l

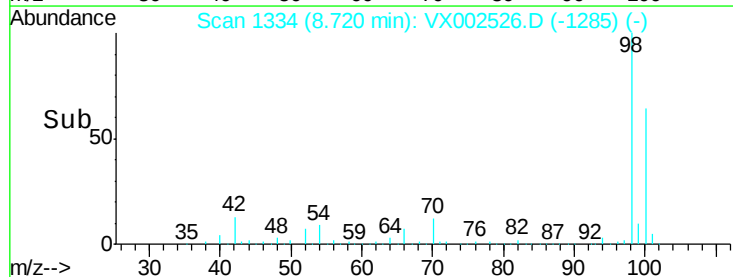
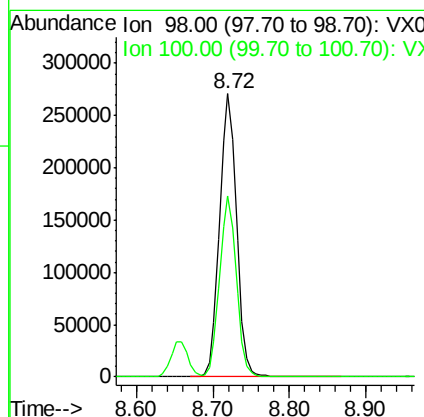
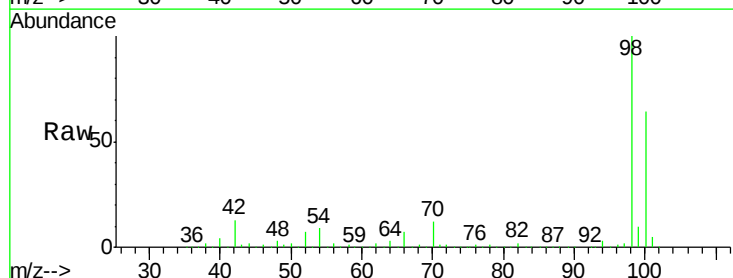
RT: 8.72 min Scan# 1334

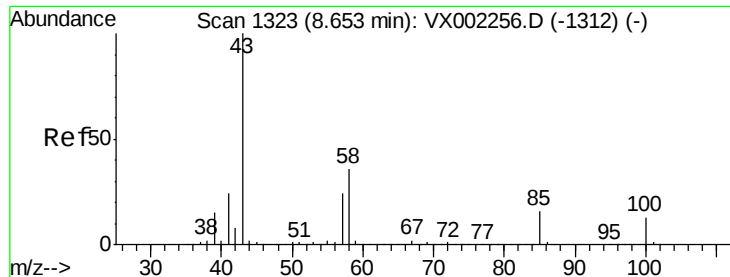
Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Tgt Ion:	98	Resp:	417836
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 101.765 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion: 43 Resp: 394560

Ion Ratio Lower Upper

43 100

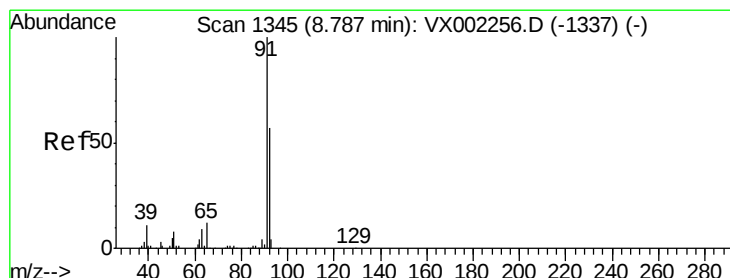
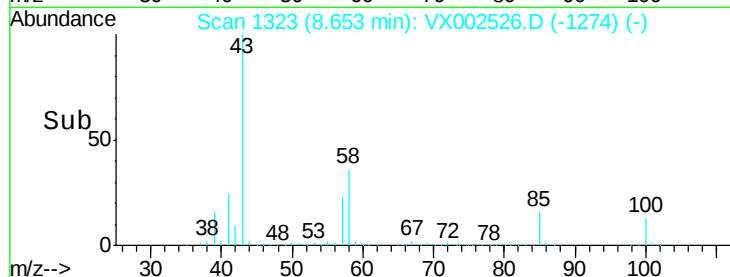
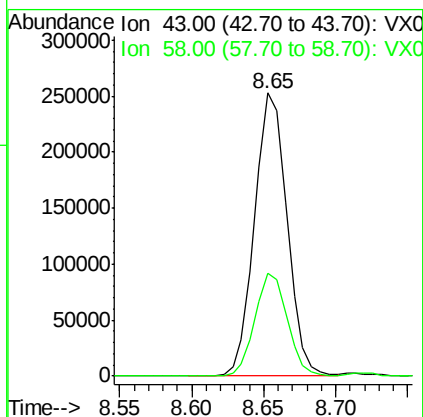
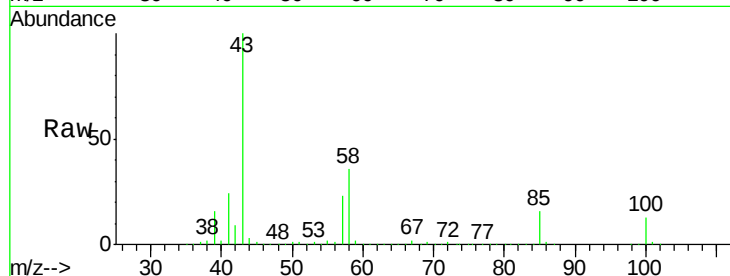
58 36.0 28.6 42.8

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#52

Toluene

Concen: 20.086 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002526.D

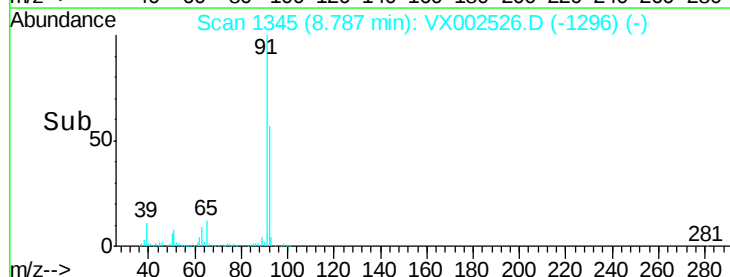
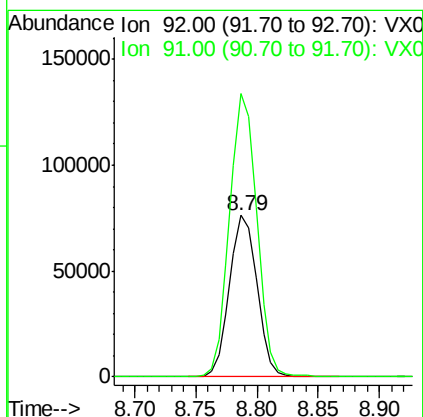
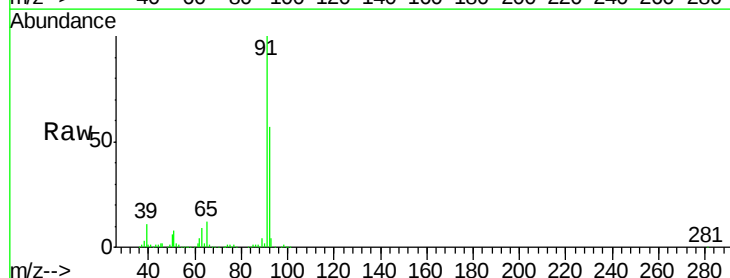
Acq: 14 Jun 2018 00:01

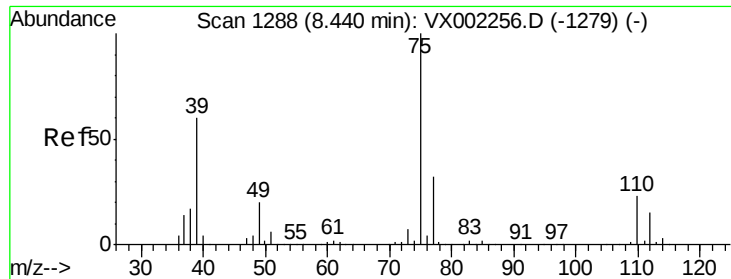
Tgt Ion: 92 Resp: 119390

Ion Ratio Lower Upper

92 100

91 174.1 140.4 210.6





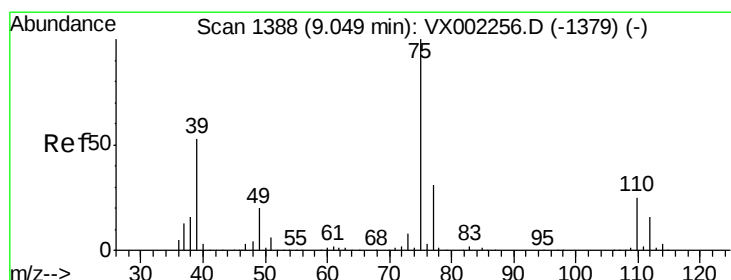
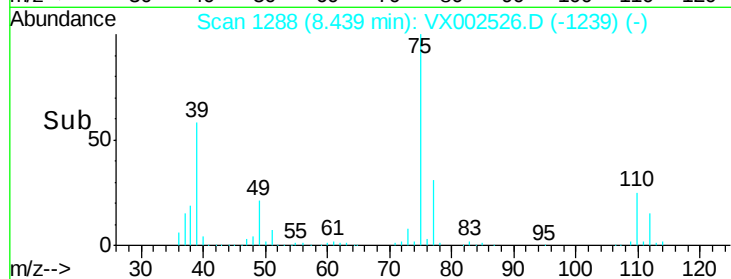
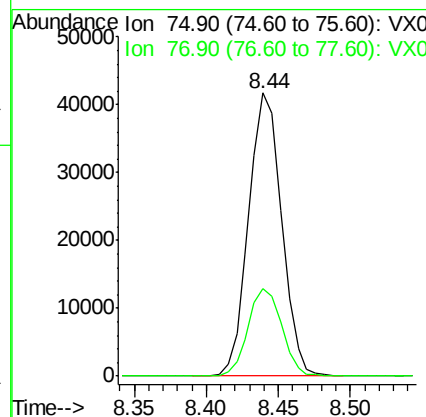
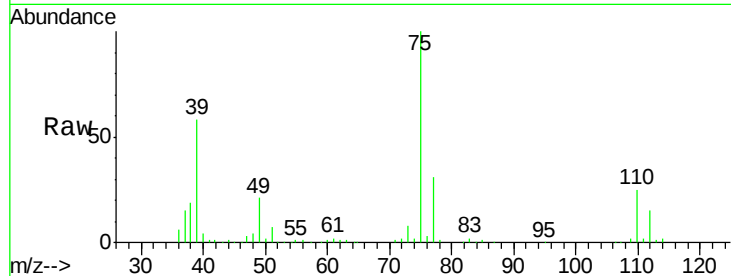
#53
t-1,3-Dichloropropene
Concen: 17.863 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion: 75 Resp: 66264
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2

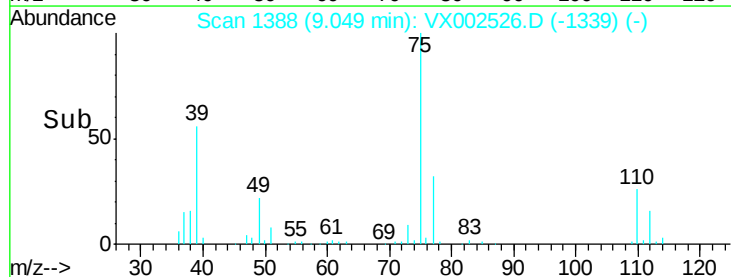
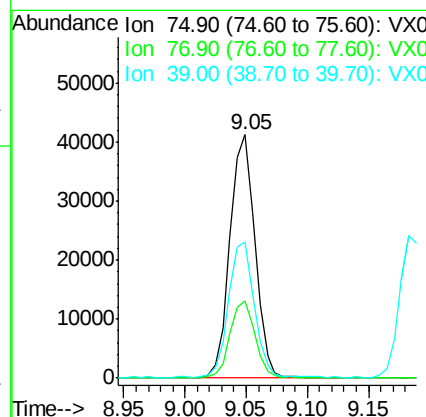
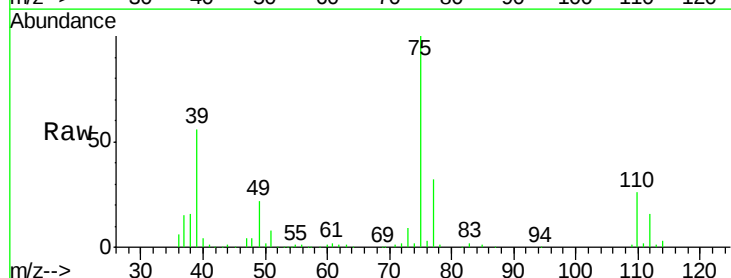
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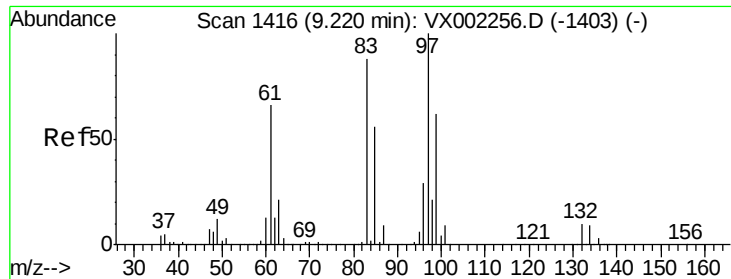
MMDadoda
6/14/2018 11:29:26 AM



#54
cis-1,3-Dichloropropene
Concen: 16.744 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion: 75 Resp: 58600
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 55.7 42.4 63.6





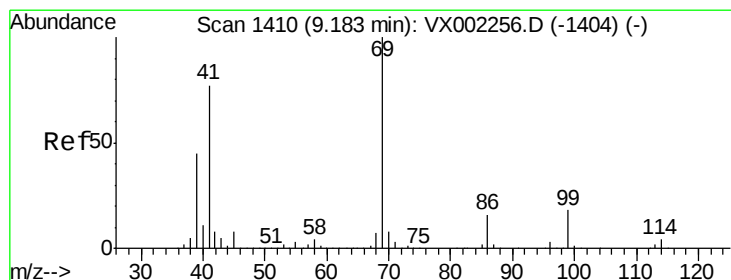
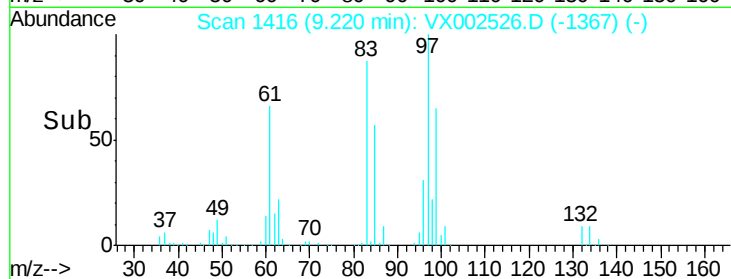
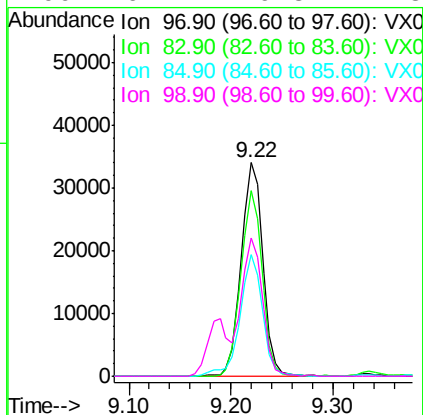
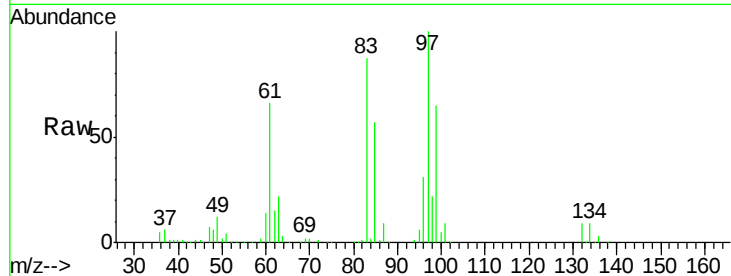
#55
 1,1,2-Trichloroethane
 Concen: 20.498 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613MBS01

Tot Ion:	97	Resp:	50111
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.2	105.2
85	56.7	44.9	67.3
99	64.7	49.8	74.8

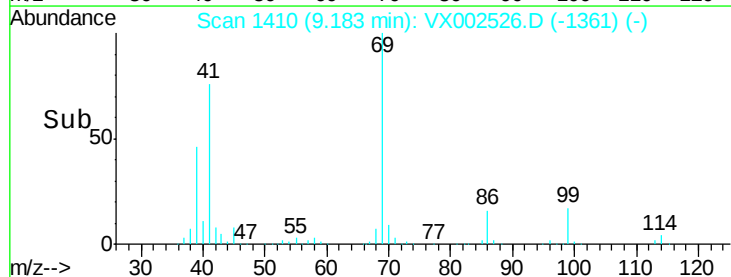
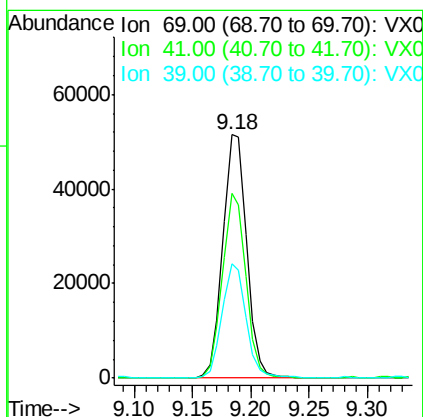
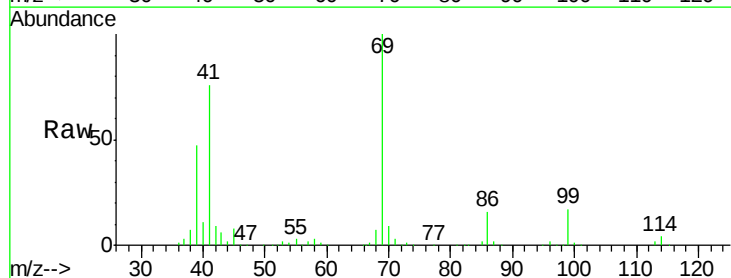
Manual Integrations
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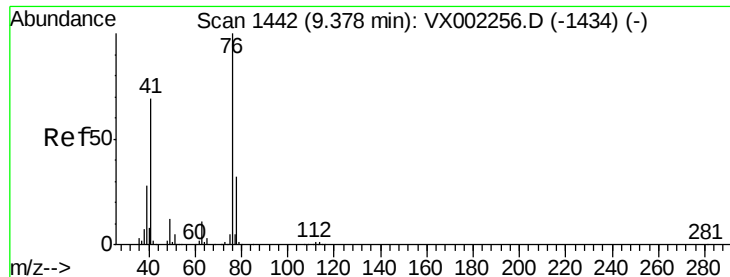
MMDadoda
 6/14/2018 11:29:26 AM



#56
 Ethyl methacrylate
 Concen: 18.857 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Tgt Ion:	69	Resp:	73600
Ion	Ratio	Lower	Upper
69	100		
41	74.0	60.3	90.5
39	46.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.890 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion: 76 Resp: 81574

Ion Ratio Lower Upper

76 100

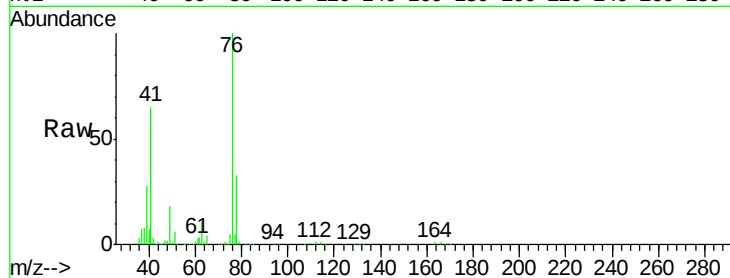
78 33.3 25.8 38.6

Manual Integrations

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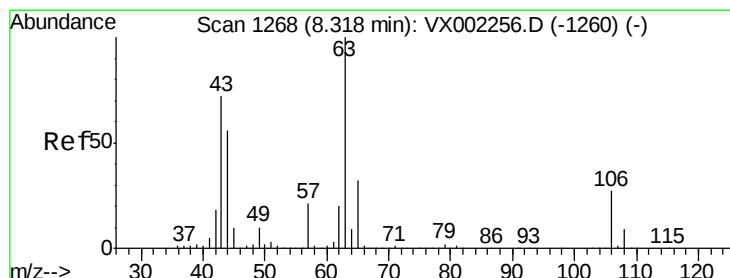
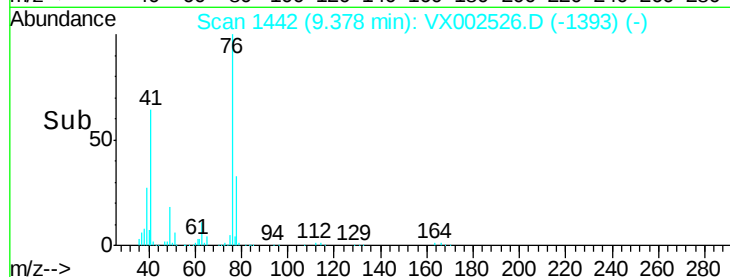
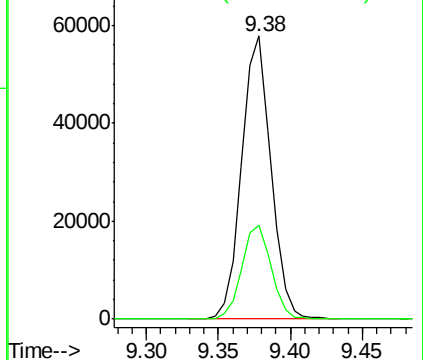
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.834 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002526.D

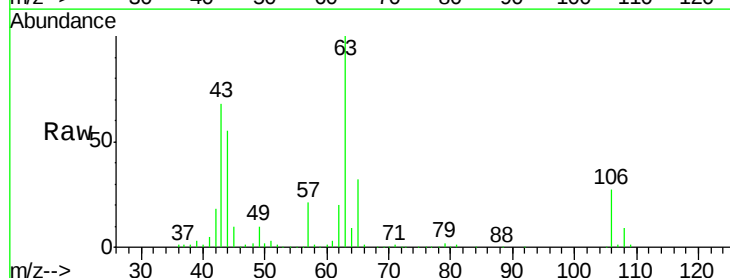
Acq: 14 Jun 2018 00:01

Tgt Ion: 63 Resp: 180346

Ion Ratio Lower Upper

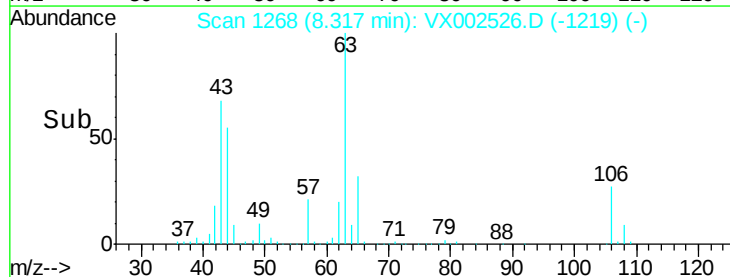
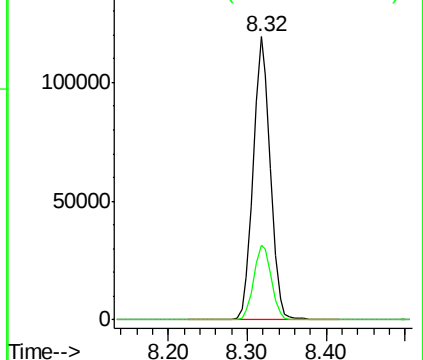
63 100

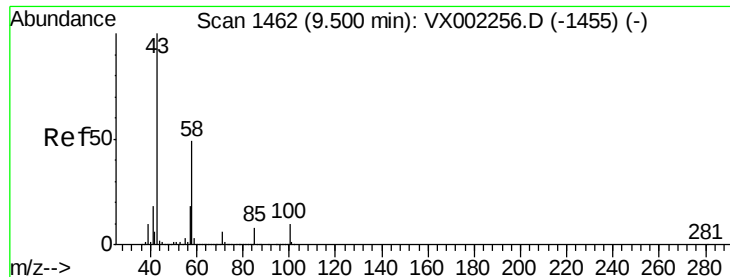
106 27.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





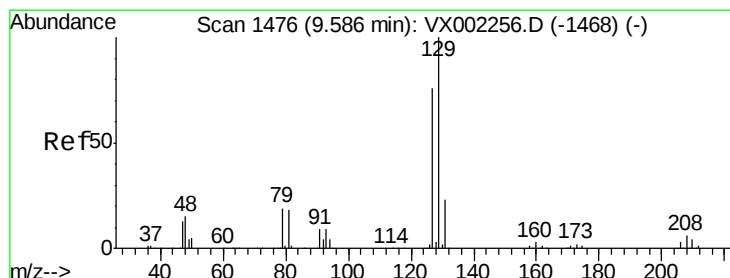
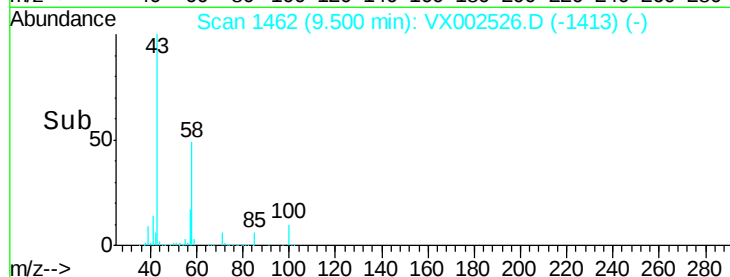
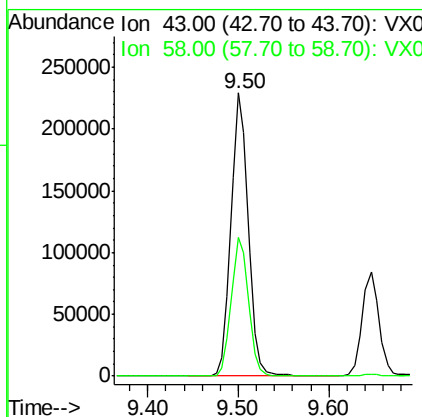
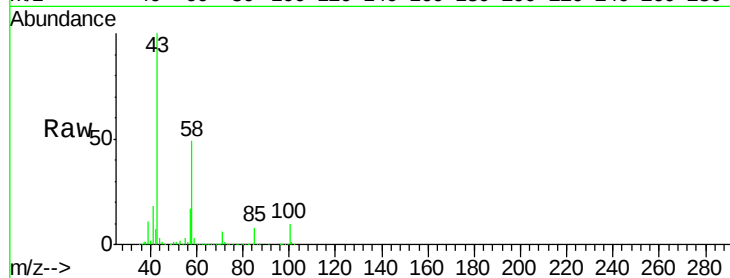
#59
2-Hexanone
Concen: 101.115 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion	43	Resp	302813
Ion Ratio	100	Lower	Upper
43	100		
58	49.2	24.6	73.6

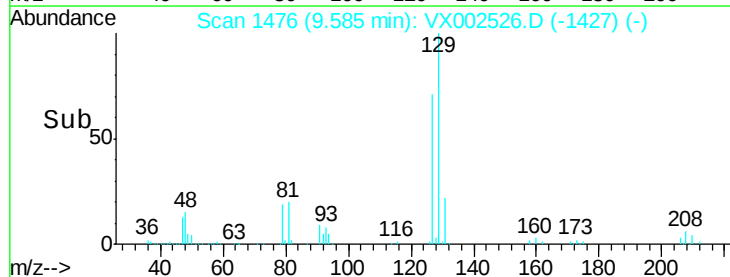
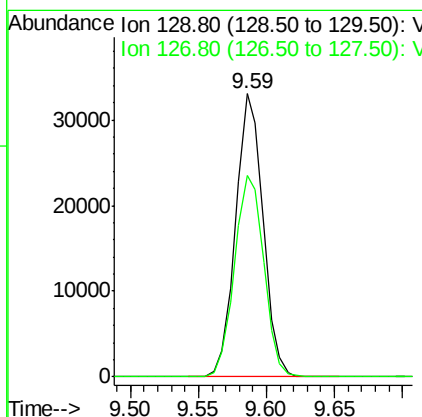
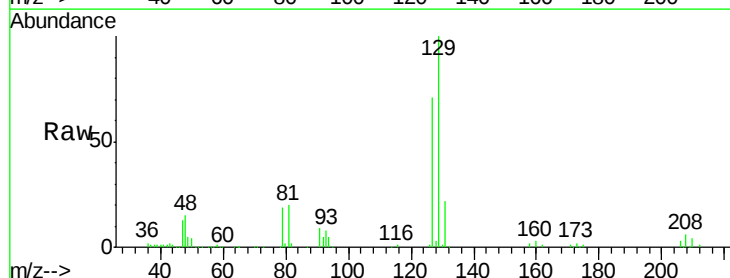
Manual Integrations
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#60
Dibromochloromethane
Concen: 18.868 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion	129	Resp	46397	
Ion Ratio	129	100	Lower	Upper
129	100			
127	75.8	38.5	115.3	





#61

1,2-Dibromoethane

Concen: 19.791 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion:107 Resp: 50447

Ion Ratio Lower Upper

107 100

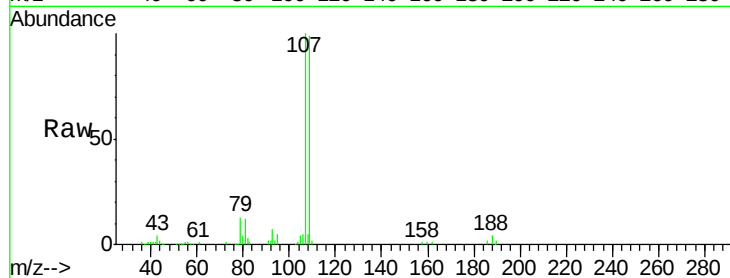
109 96.5 75.3 112.9

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

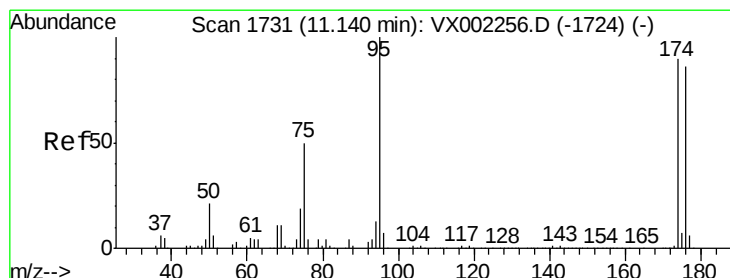
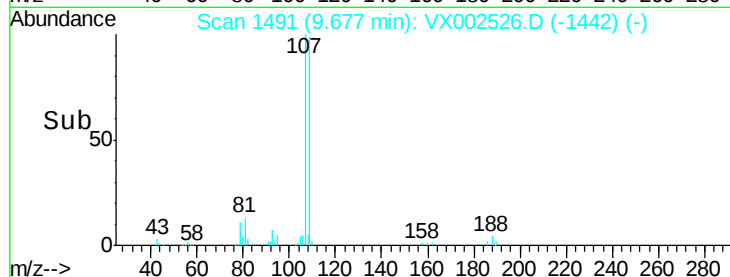
20000

10000

0

Time-->

9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 45.663 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

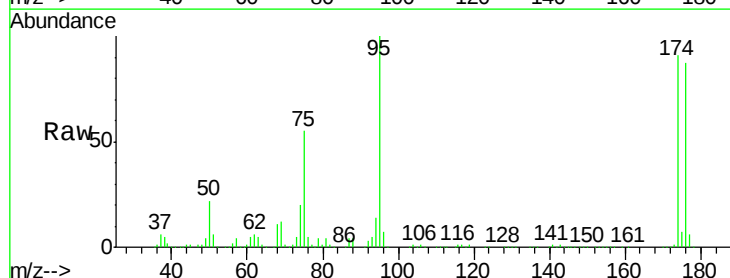
Tgt Ion: 95 Resp: 153883

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.4

176 92.6 0.0 181.0



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

11.14

150000

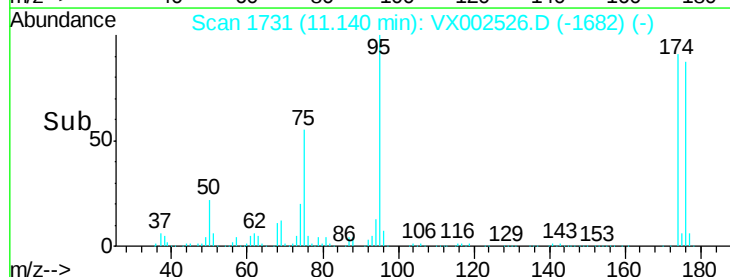
100000

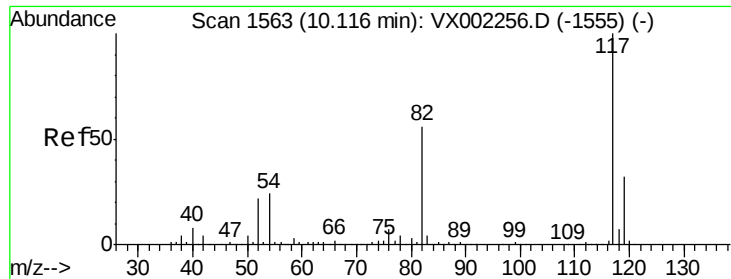
50000

0

Time-->

11.10 11.20





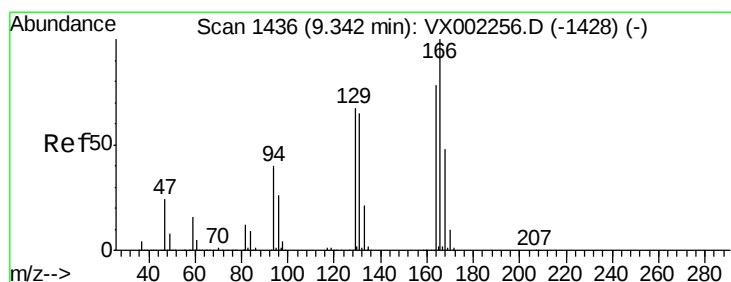
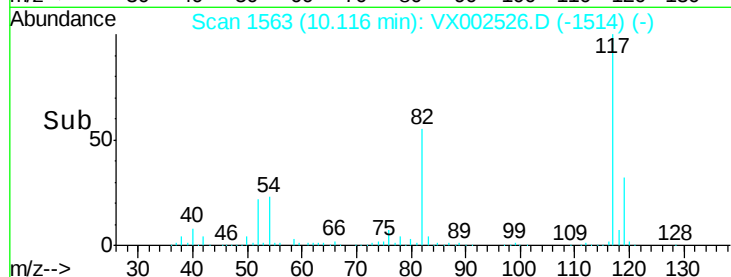
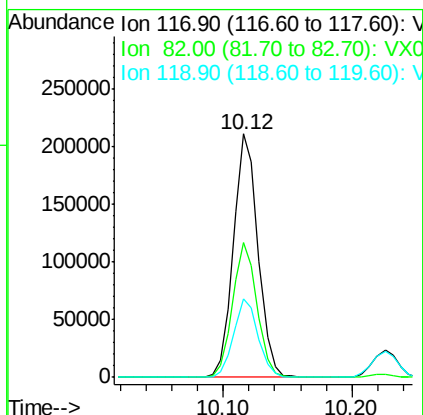
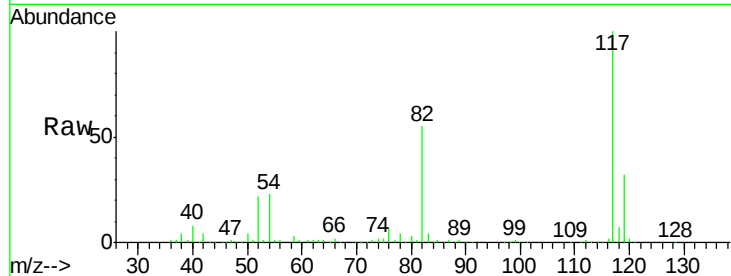
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.4
119	32.1	25.8	38.6

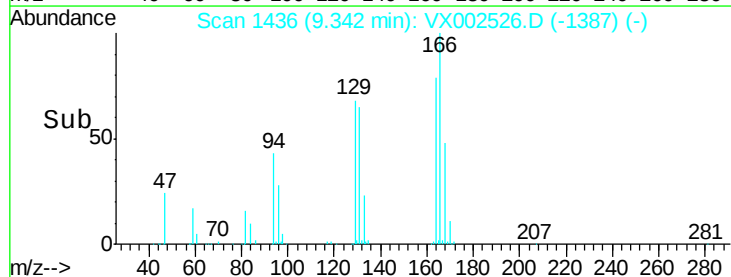
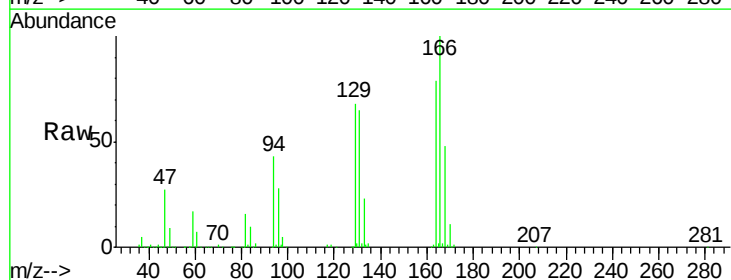
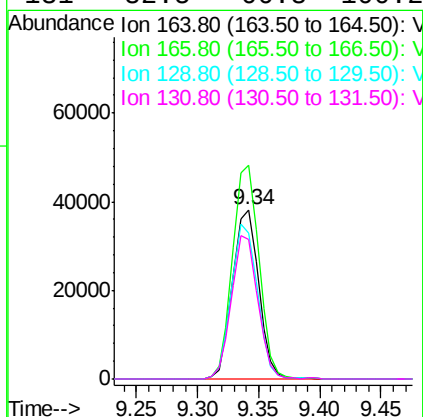
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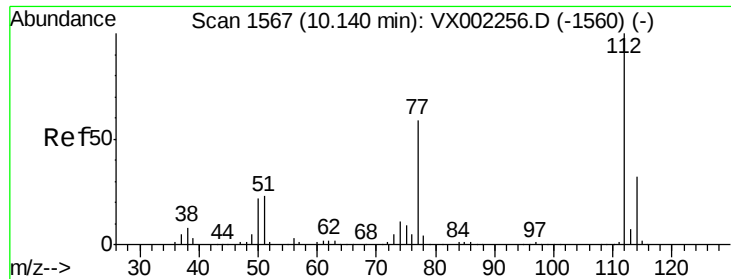
MMDadoda
6/14/2018 11:29:26 AM



#64
Tetrachloroethene
Concen: 19.579 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.9	154.3
129	86.2	68.6	102.8
131	82.5	66.8	100.2





#65

Chlorobenzene

Concen: 19.853 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion:112 Resp: 138564

Ion Ratio Lower Upper

112 100

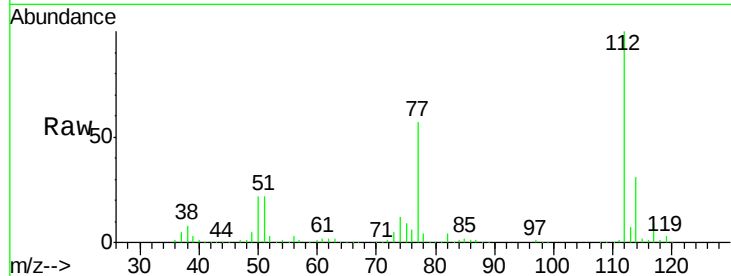
114 31.4 25.3 37.9

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

120000

100000

80000

60000

40000

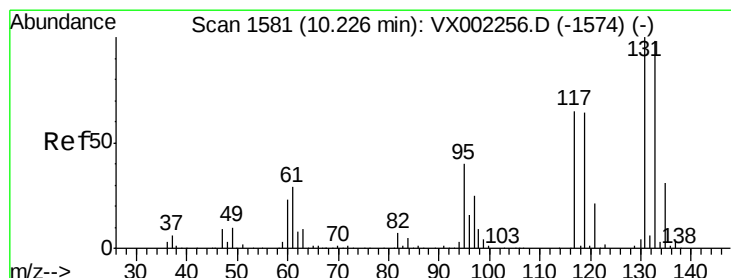
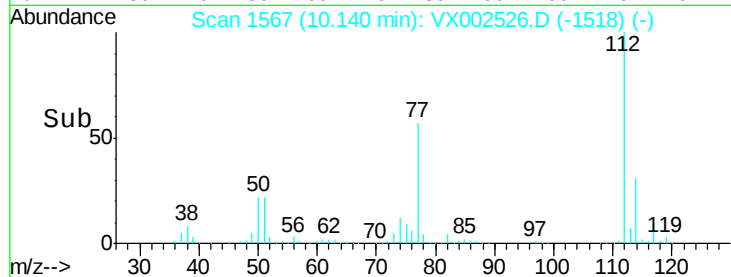
20000

0

10.10

10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.165 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

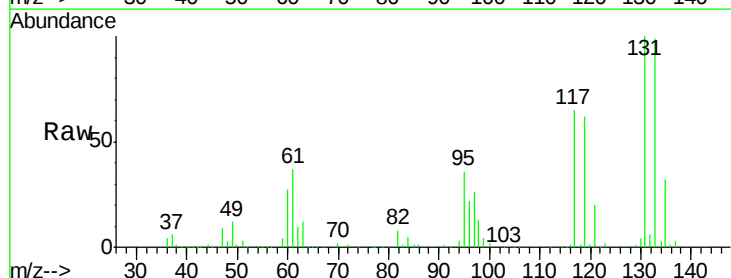
Tgt Ion:131 Resp: 48434

Ion Ratio Lower Upper

131 100

133 97.7 47.9 143.6

119 64.6 31.8 95.3



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

50000

40000

30000

20000

10000

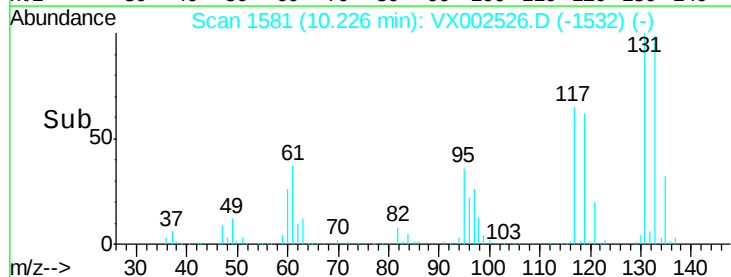
0

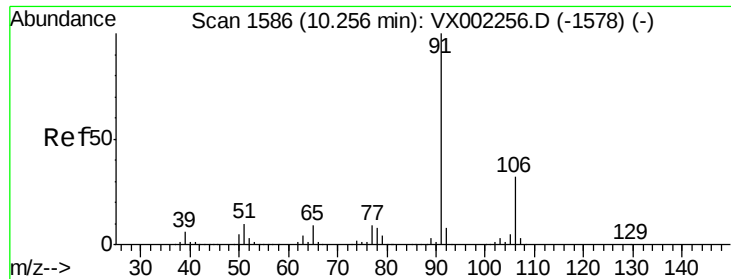
10.15

10.20

10.25

Time-->





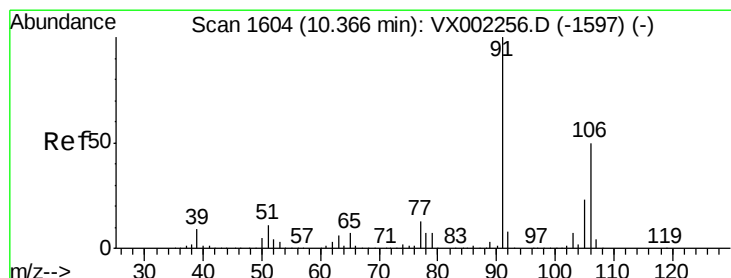
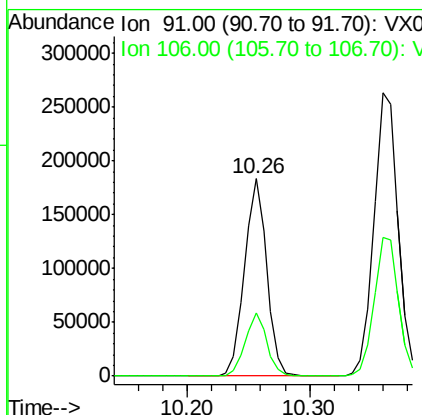
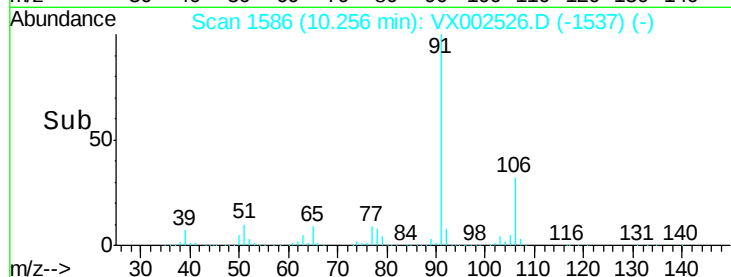
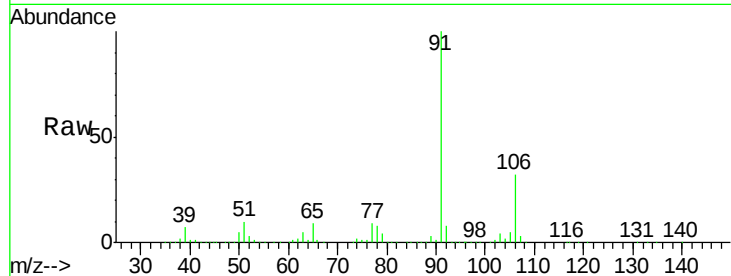
#67
Ethyl Benzene
Concen: 19.772 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion: 91 Resp: 230946
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

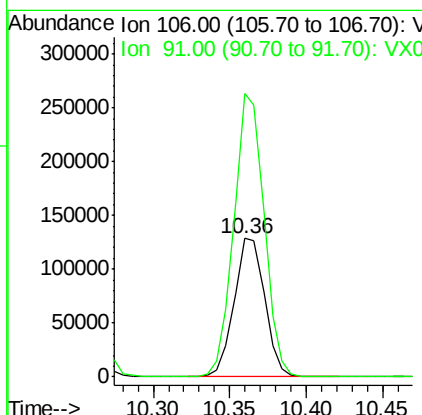
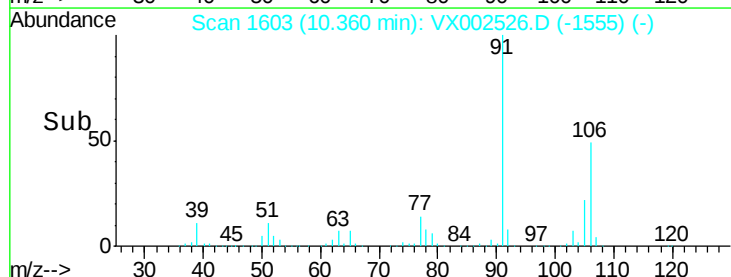
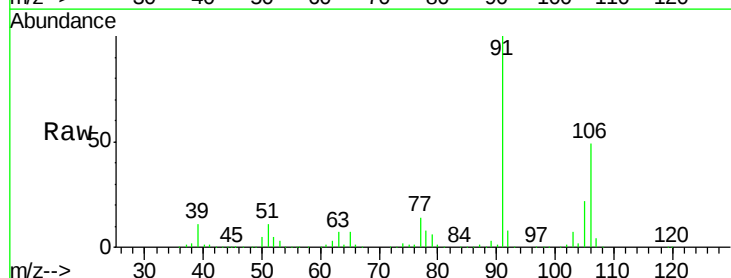
Manual Integrations
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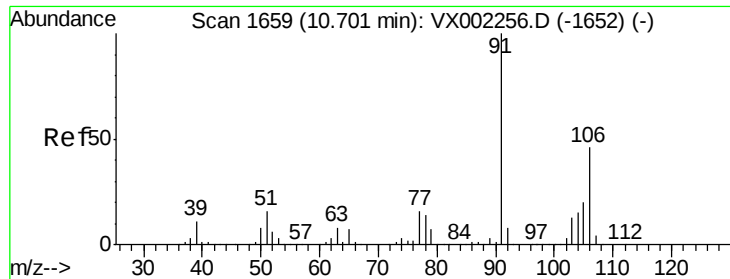
MMDadoda
6/14/2018 11:29:26 AM



#68
m/p-Xylenes
Concen: 39.189 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion: 106 Resp: 177936
Ion Ratio Lower Upper
106 100
91 203.7 163.4 245.2





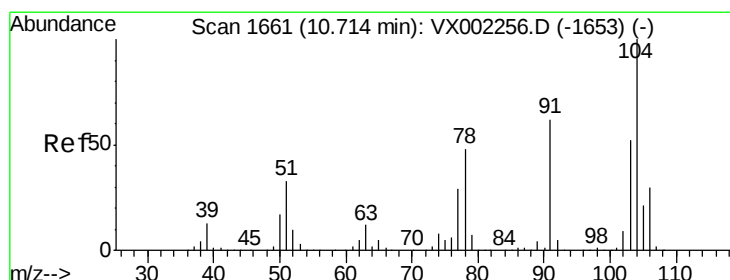
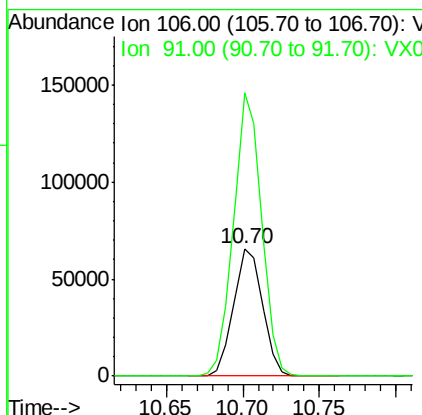
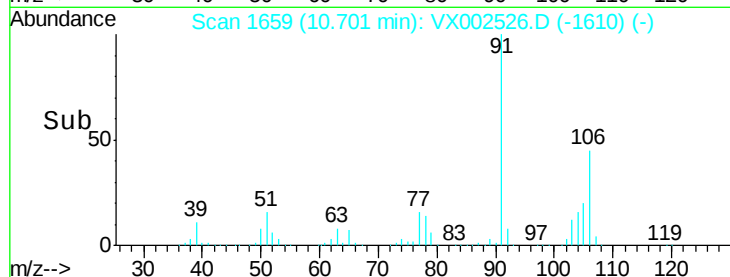
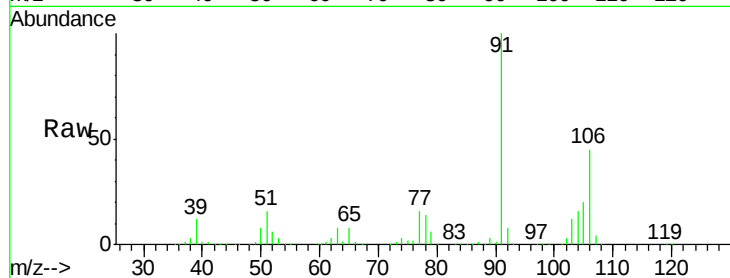
#69
o-Xylene
Concen: 19.149 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion:106 Resp: 86523
Ion Ratio Lower Upper
106 100
91 215.3 108.2 324.6

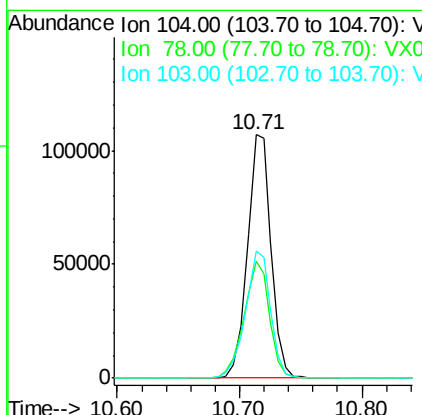
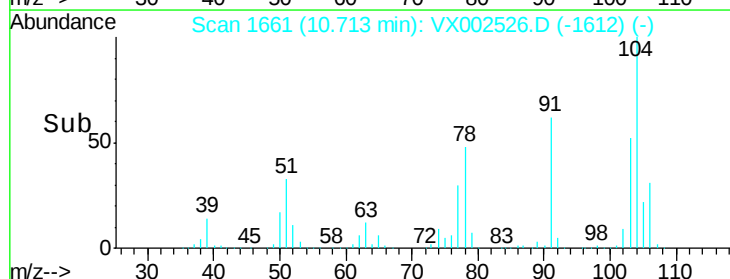
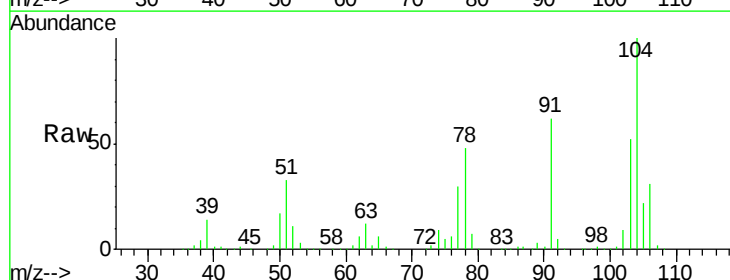
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#70
Styrene
Concen: 19.477 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion:104 Resp: 143867
Ion Ratio Lower Upper
104 100
78 51.6 41.0 61.6
103 55.4 44.2 66.4





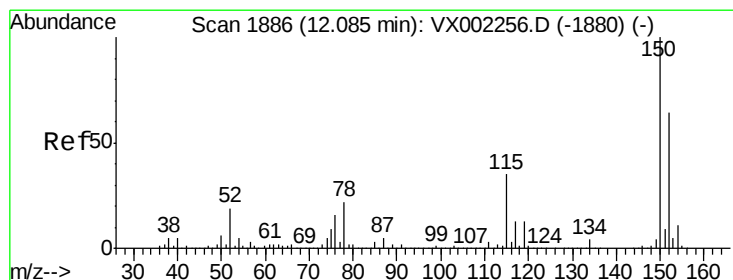
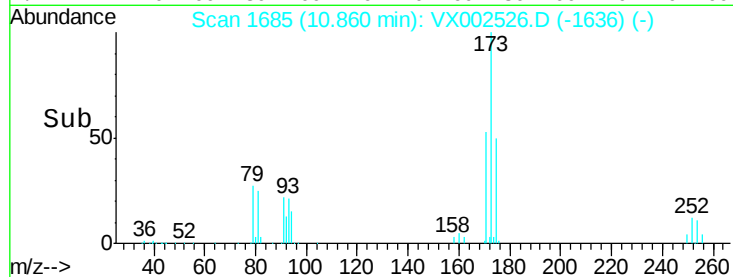
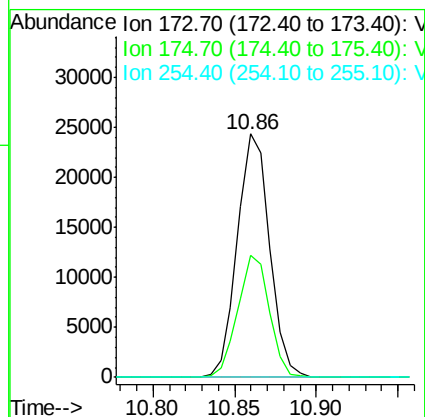
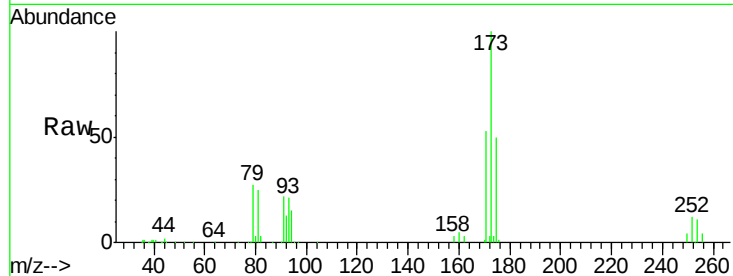
#71
Bromoform
Concen: 17.279 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.7	74.1
254	0.0	0.2	0.2

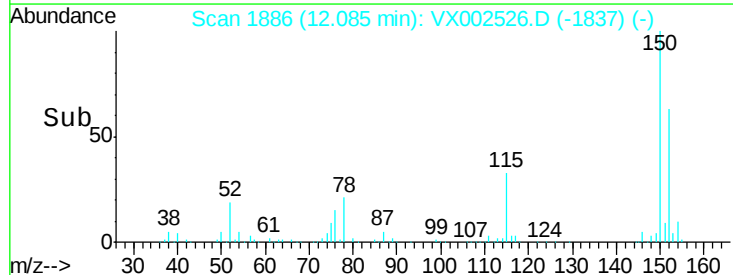
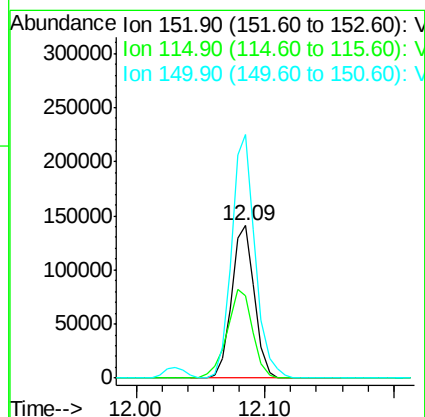
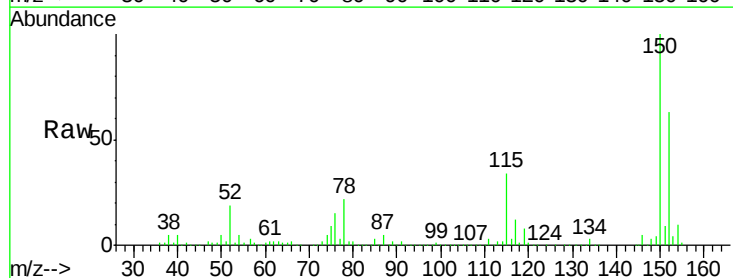
Manual Integrations
APPROVED

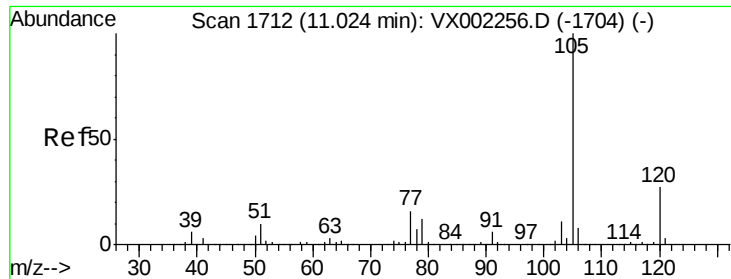
MMDadoda
6/14/2018 11:29:26 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	40.1	120.2
150	164.3	0.0	347.2





#73

Isopropylbenzene

Concen: 19.729 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion: 105 Resp: 240415

Ion Ratio Lower Upper

105 100

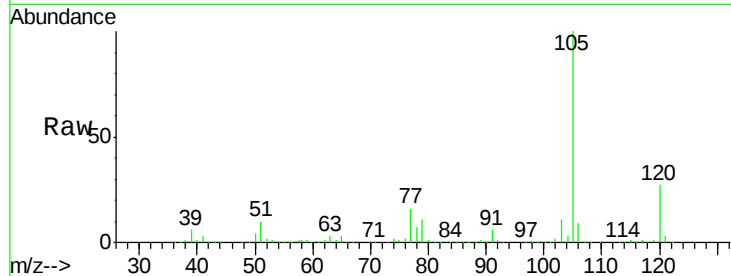
120 26.9 13.5 40.4

Manual Integrations

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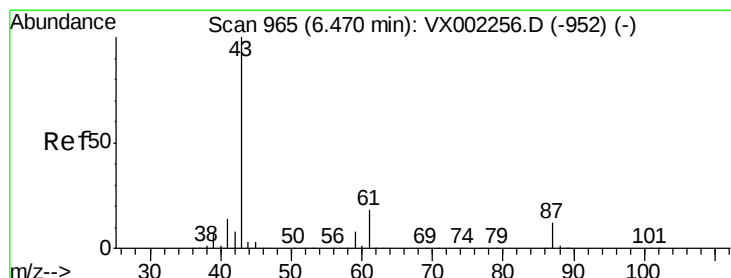
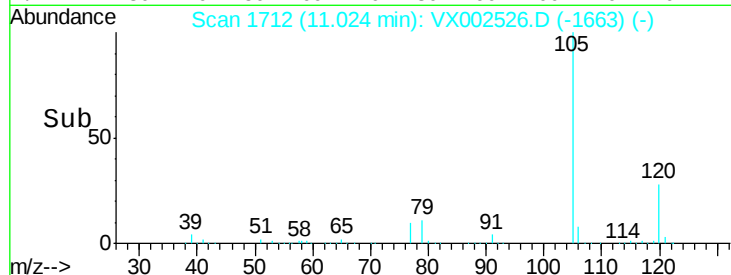
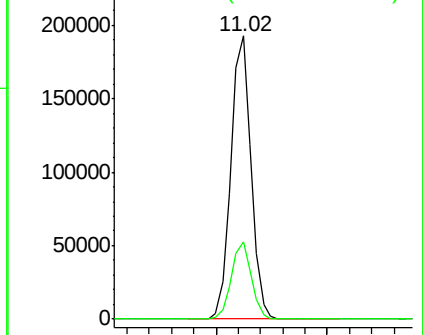
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.943 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Tgt Ion: 43 Resp: 117812

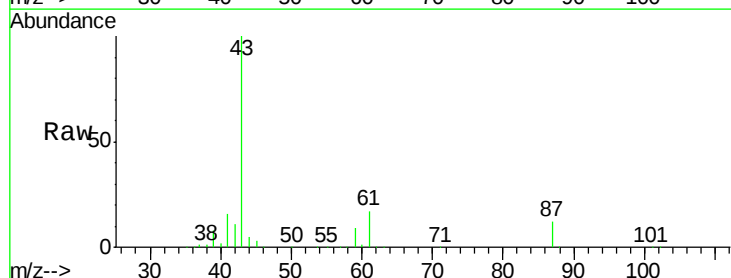
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.2 14.4 21.6

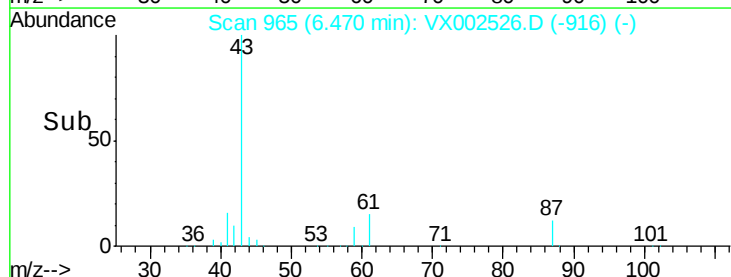
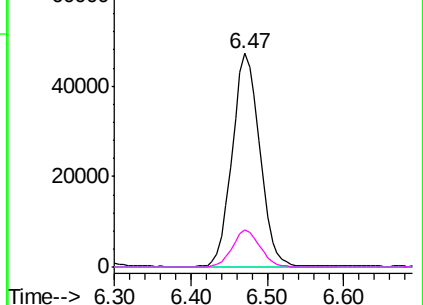


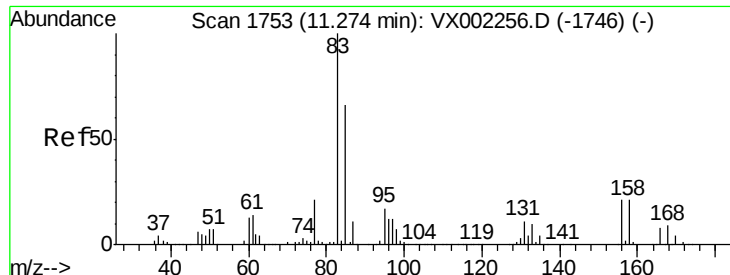
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.438 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

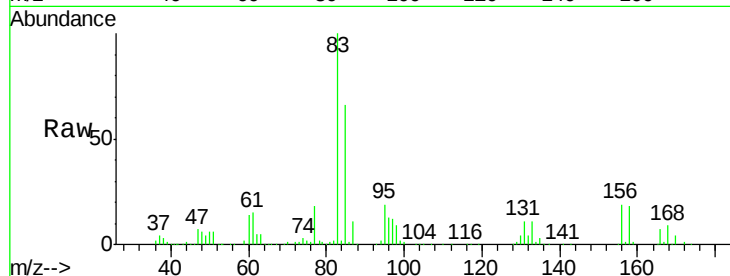
ClientSampleId :

VX0613MBS01

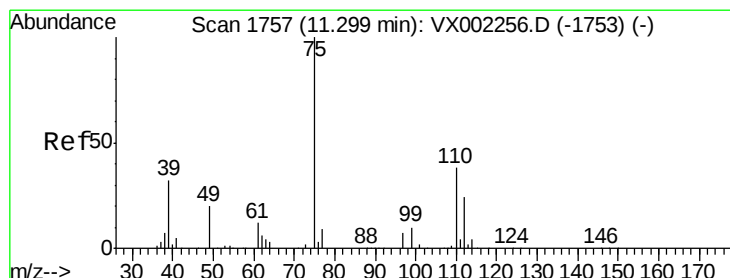
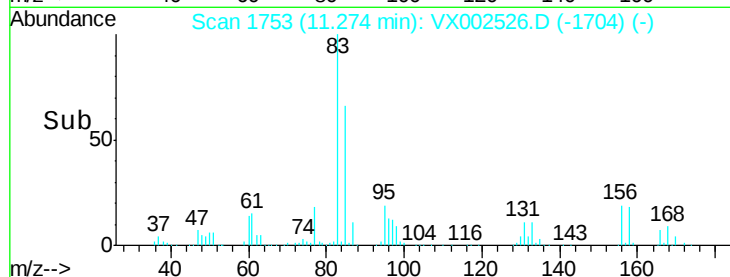
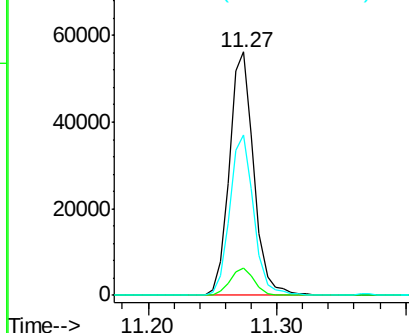
Tot Ion:	83	Resp:	74499
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	65.0	32.4	97.2

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



#76

1,2,3-Trichloropropane

Concen: 18.795 ug/l m

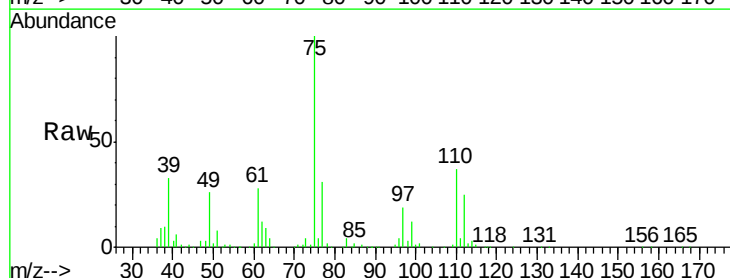
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

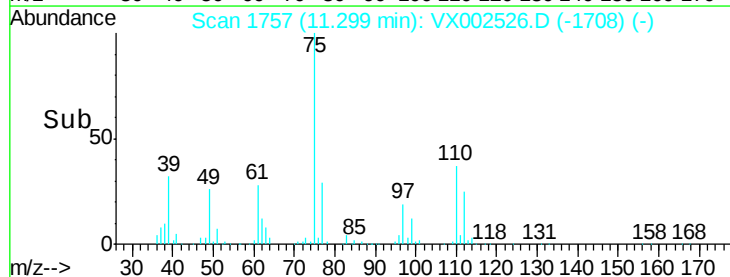
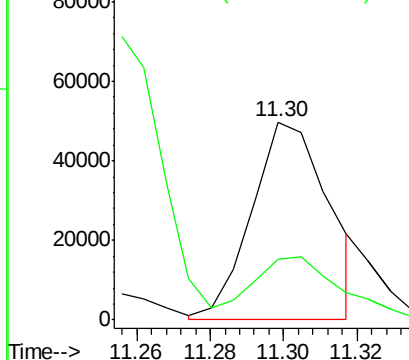
Lab File: VX002526.D

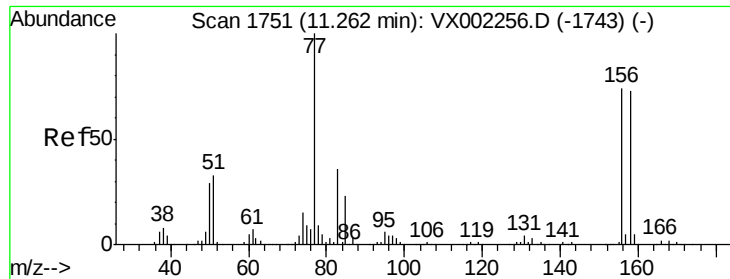
Acq: 14 Jun 2018 00:01

Tgt Ion:	75	Resp:	72241
Ion Ratio	Lower	Upper	
75	100		
77	37.2	22.8	68.3



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





#77

Bromobenzene

Concen: 18.682 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion:156 Resp: 63910

Ion Ratio Lower Upper

156 100

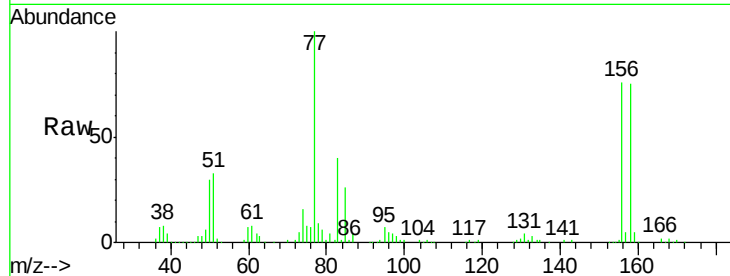
77 144.8 71.4 214.2

158 99.8 48.9 146.6

Manual Integrations
APPROVED

MMDadoda

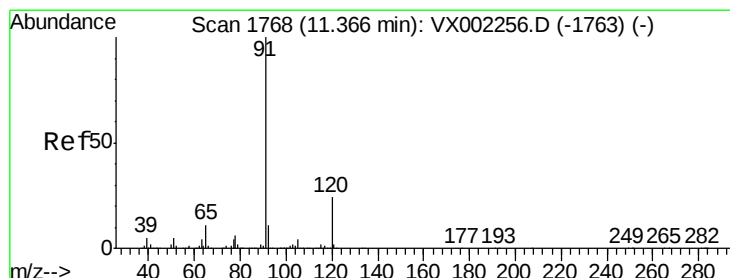
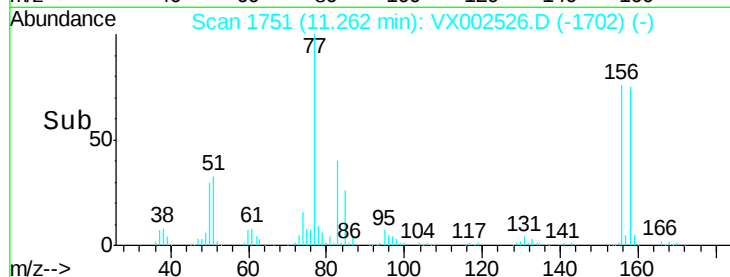
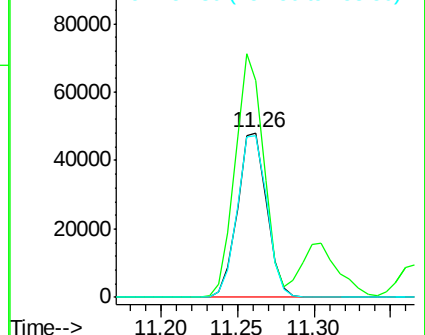
6/14/2018 11:29:26 AM



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: 19.965 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002526.D

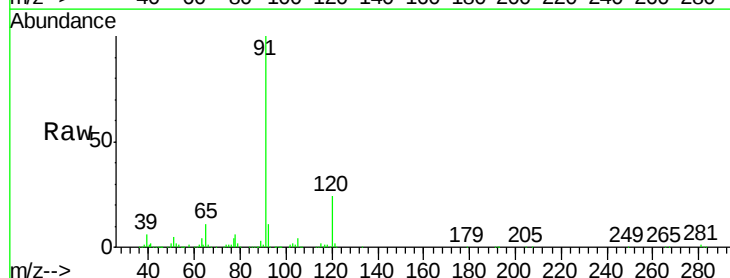
Acq: 14 Jun 2018 00:01

Tgt Ion: 91 Resp: 270409

Ion Ratio Lower Upper

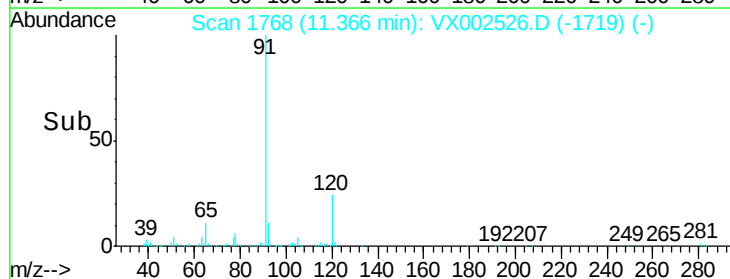
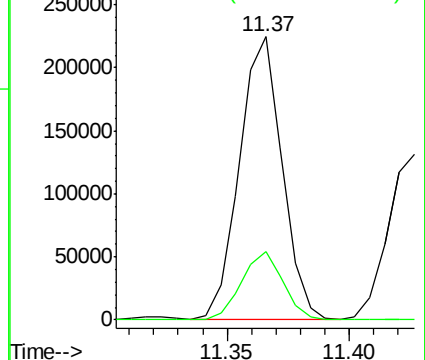
91 100

120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.067 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion: 91 Resp: 163065

Ion Ratio Lower Upper

91 100

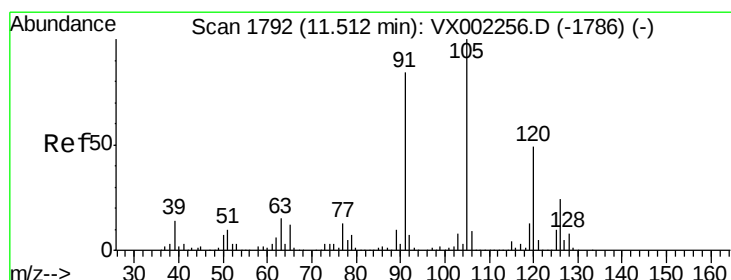
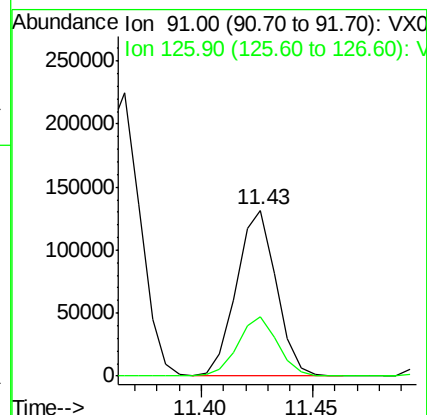
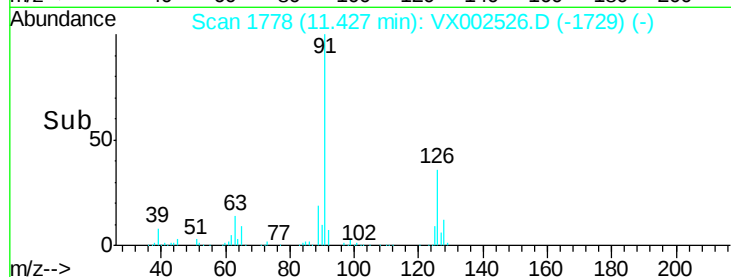
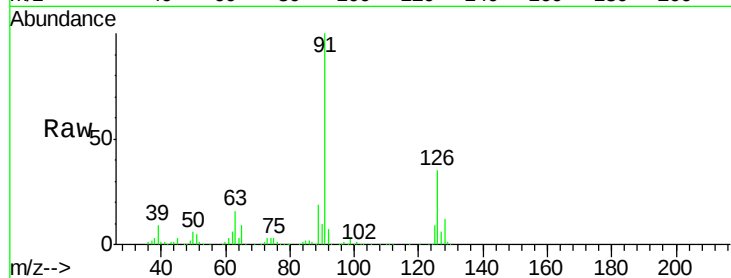
126 35.5 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 19.073 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002526.D

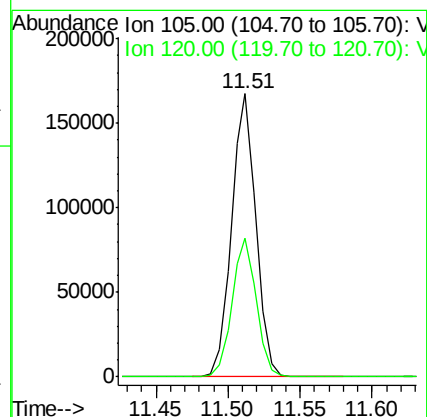
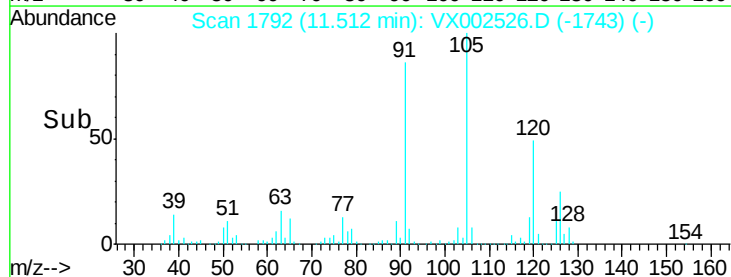
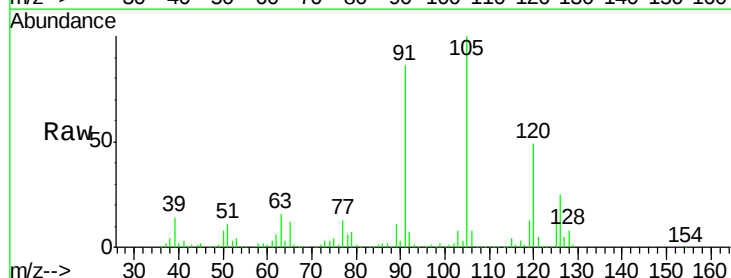
Acq: 14 Jun 2018 00:01

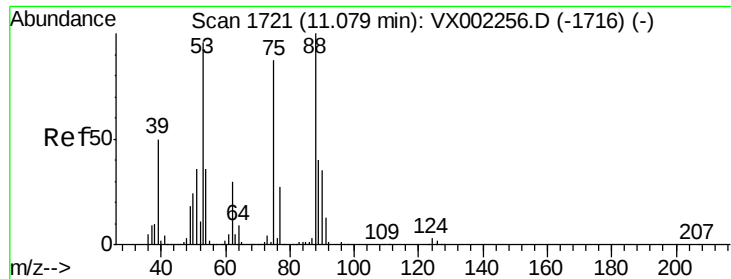
Tgt Ion: 105 Resp: 199348

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 13.494 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion: 75 Resp: 14797

Ion Ratio Lower Upper

75 100

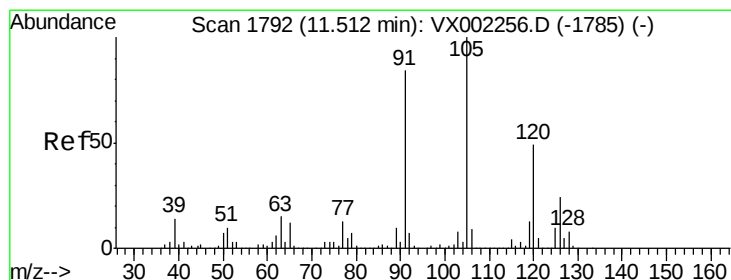
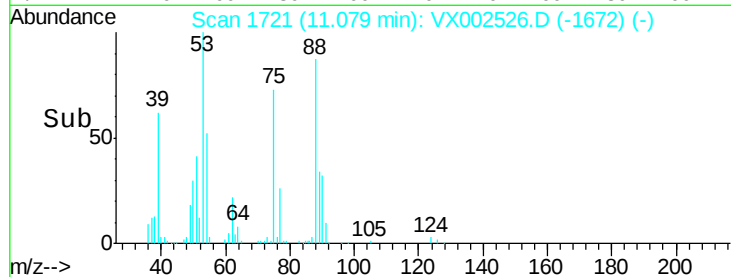
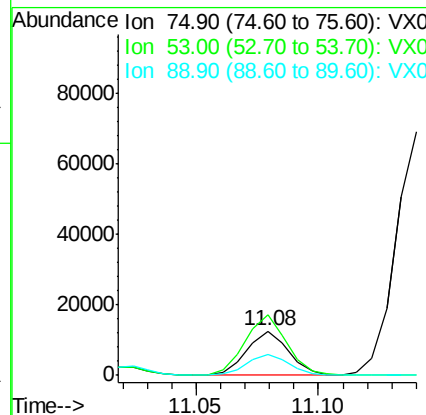
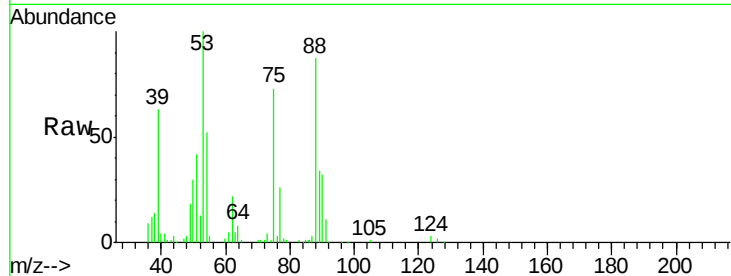
53 138.5 86.8 130.2#

89 48.7 38.2 57.2

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#82

4-Chlorotoluene

Concen: 19.139 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002526.D

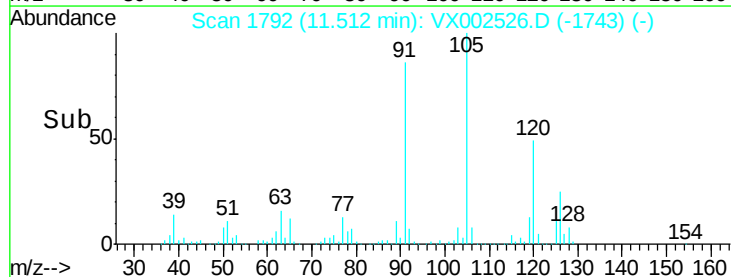
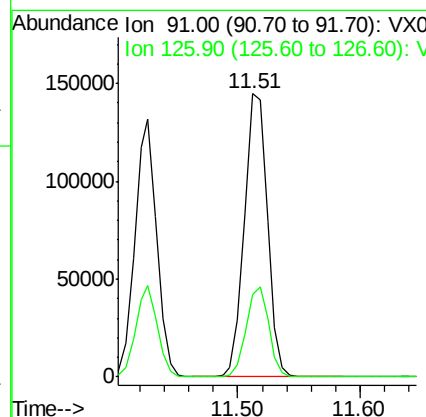
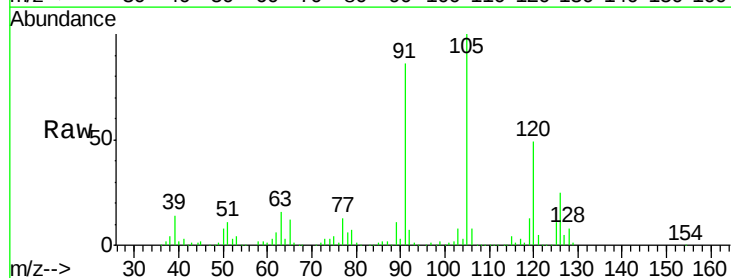
Acq: 14 Jun 2018 00:01

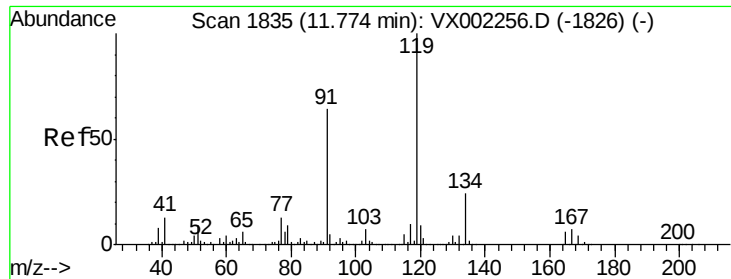
Tgt Ion: 91 Resp: 188929

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.4





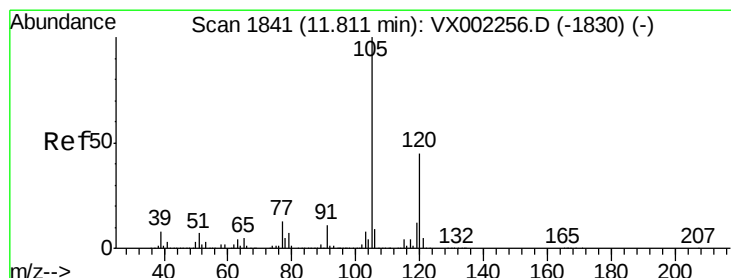
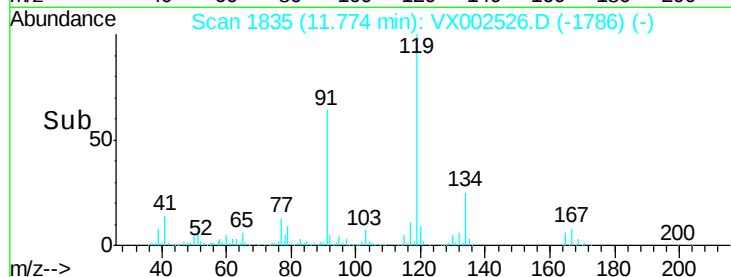
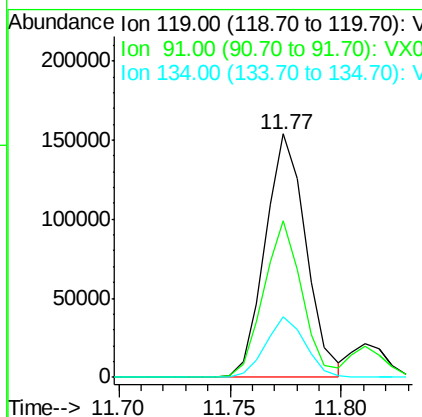
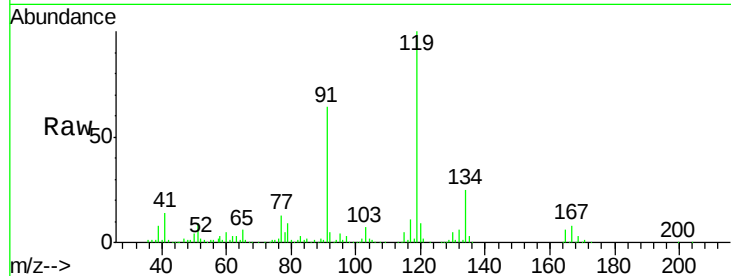
#83
 tert-Butylbenzene
 Concen: 19.264 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	30.3	90.9
134	24.1	11.7	35.1

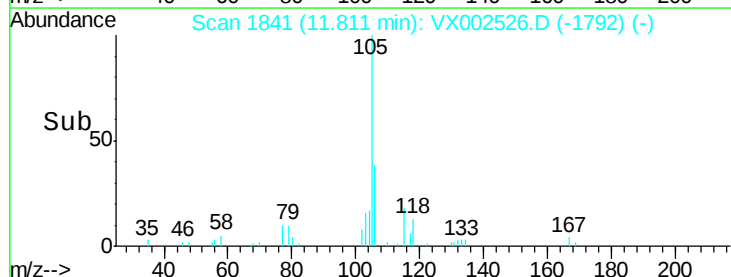
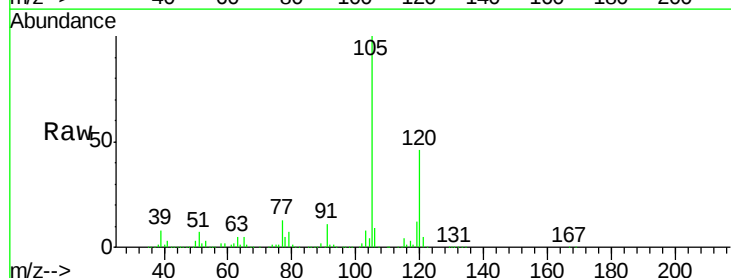
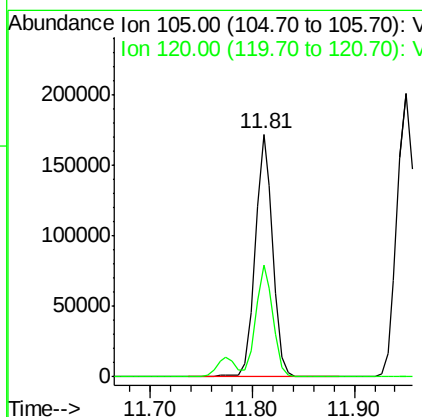
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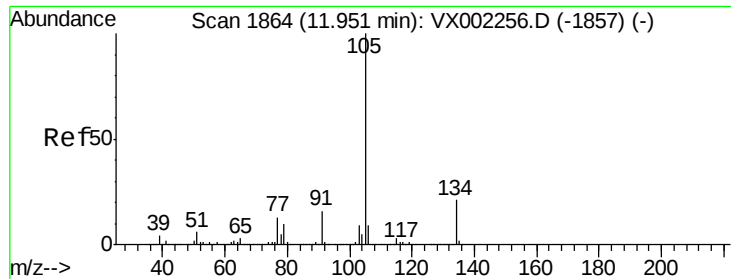
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.274 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.3	66.8





#85

sec-Butylbenzene

Concen: 20.454 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

VX0613MBS01

Tot Ion:105 Resp: 244053

Ion Ratio Lower Upper

105 100

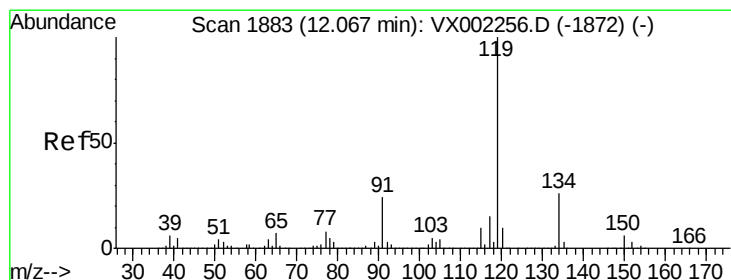
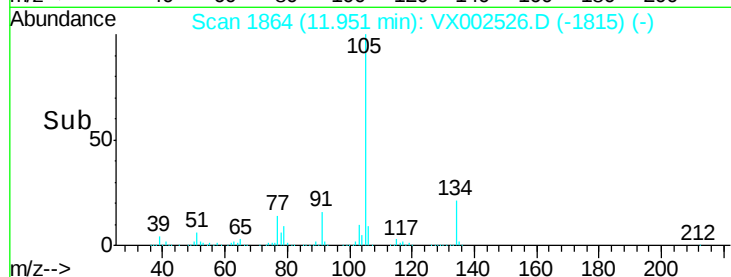
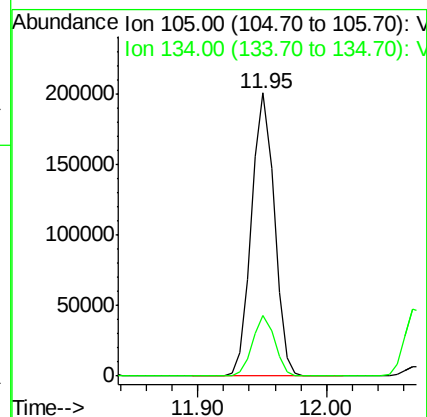
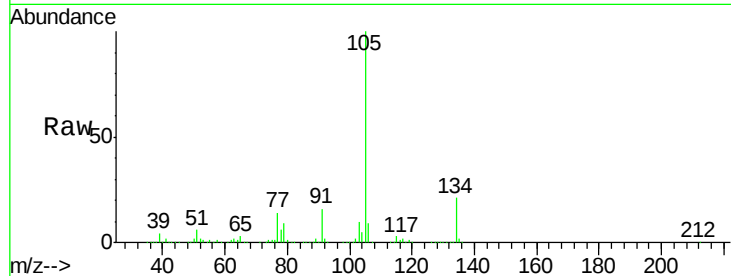
134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.932 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

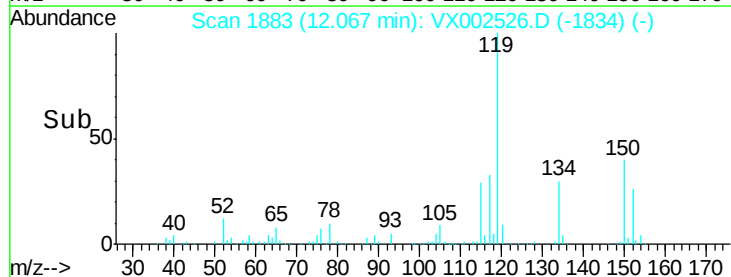
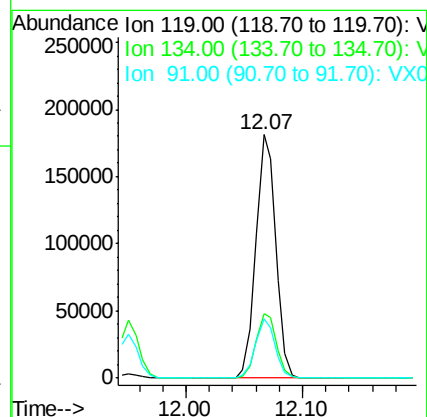
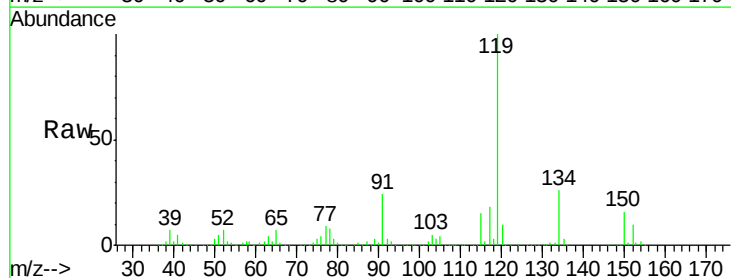
Tgt Ion:119 Resp: 216627

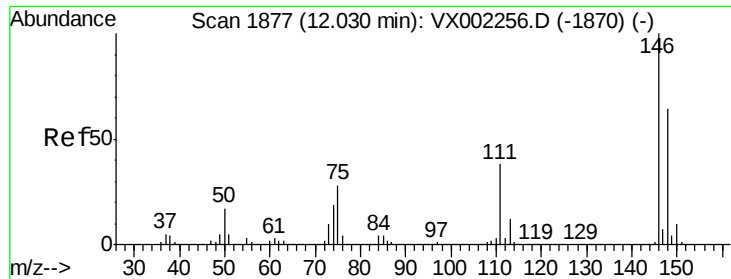
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 24.0 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.323 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

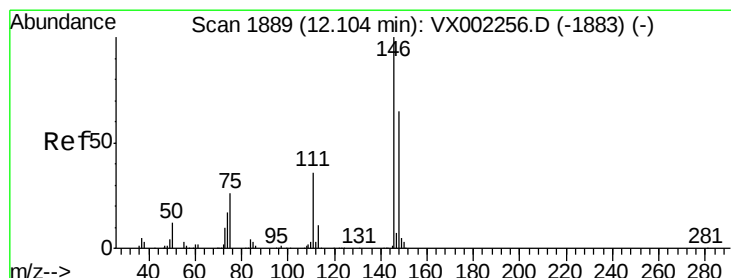
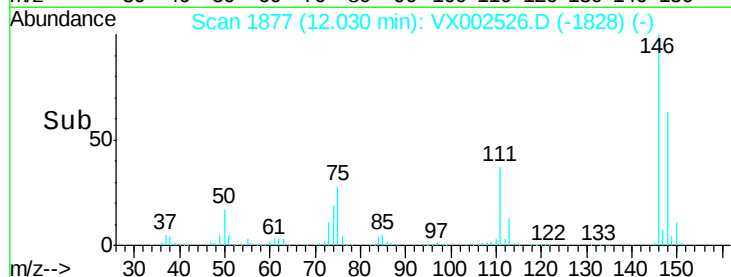
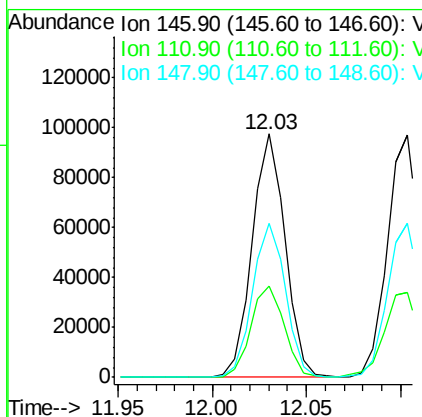
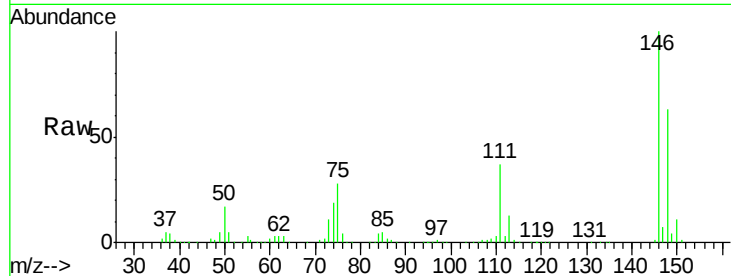
ClientSampleId :

VX0613MBS01

Tot Ion:	146	Resp:	118195
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.9	56.7
148	63.3	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 19.055 ug/l

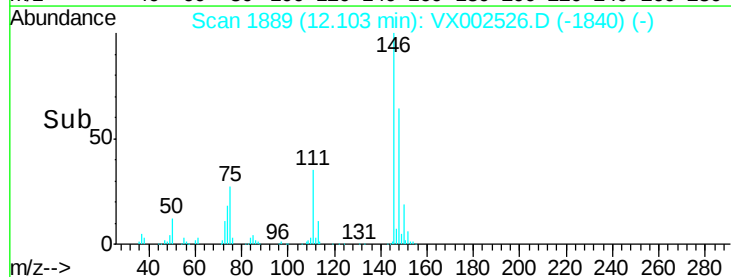
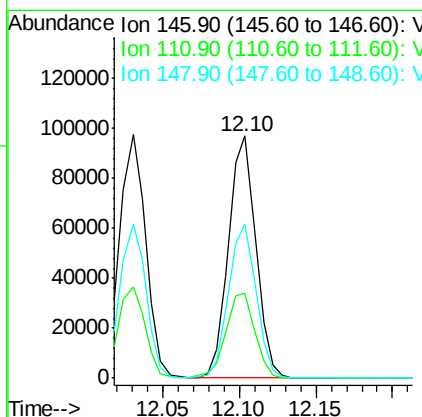
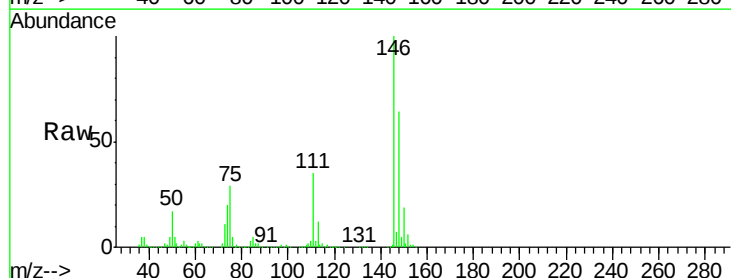
RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Tgt Ion:	146	Resp:	120140
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.7	56.1
148	64.2	32.4	97.0





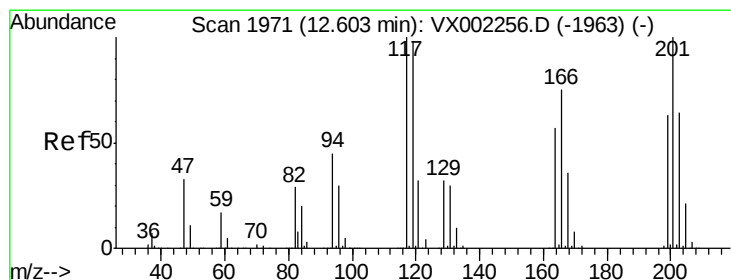
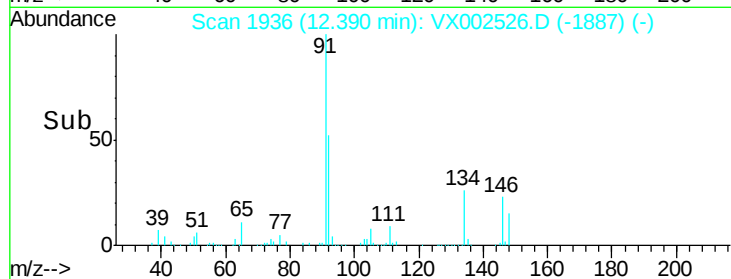
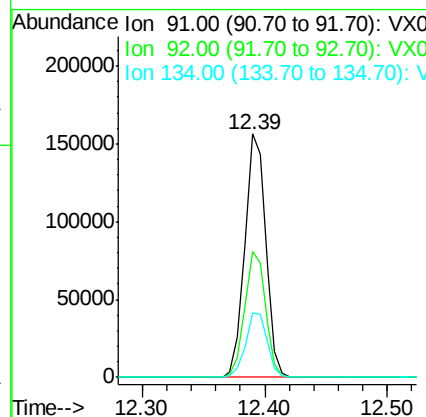
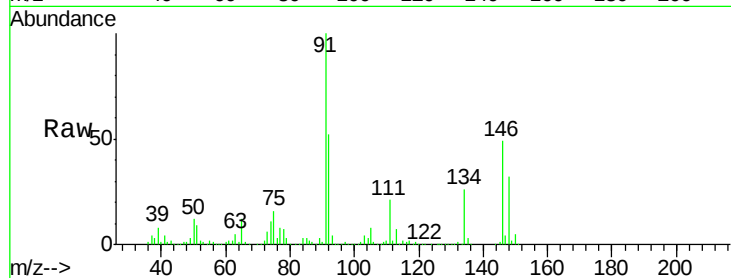
#89
n-Butylbenzene
Concen: 20.261 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Instrument :
MSVOA_X
ClientSampleId :
VX0613MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.0	78.0
134	27.2	13.5	40.5

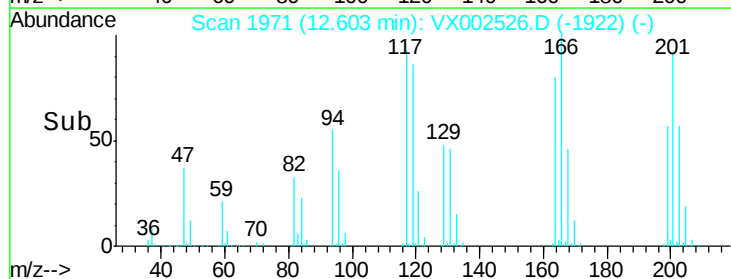
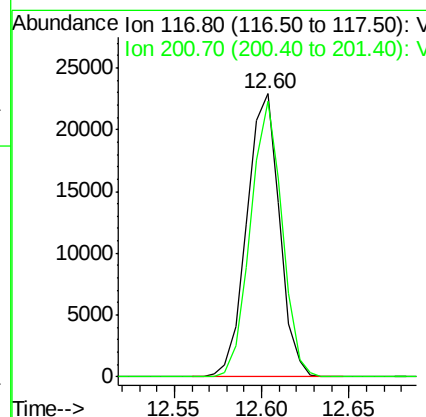
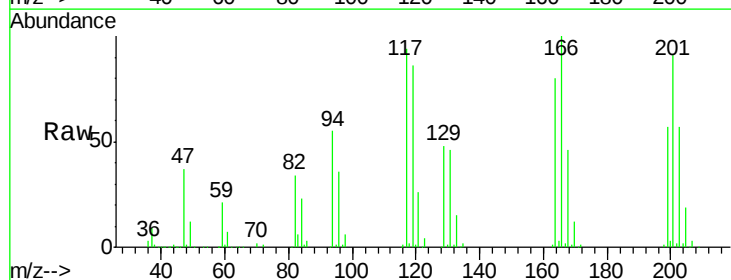
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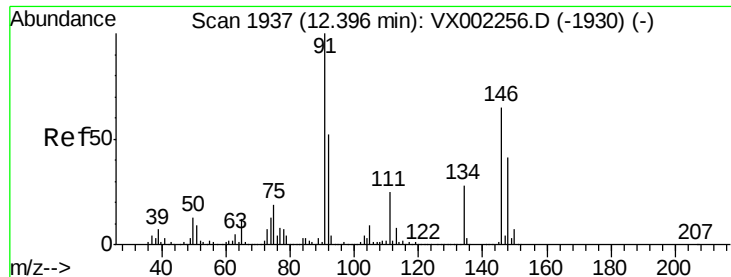
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#90
Hexachloroethane
Concen: 17.102 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002526.D
Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.1	49.0	147.0





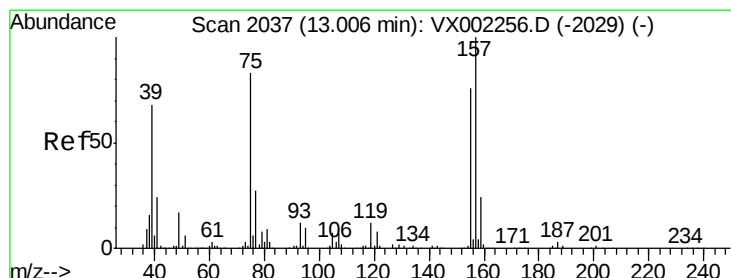
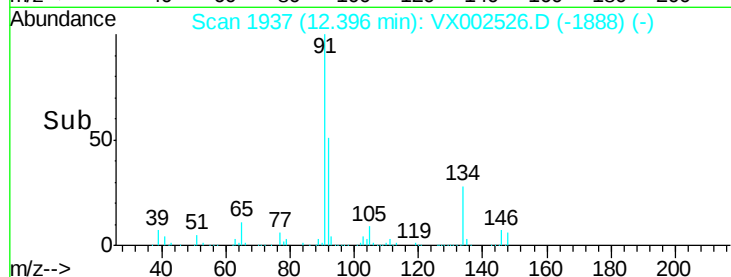
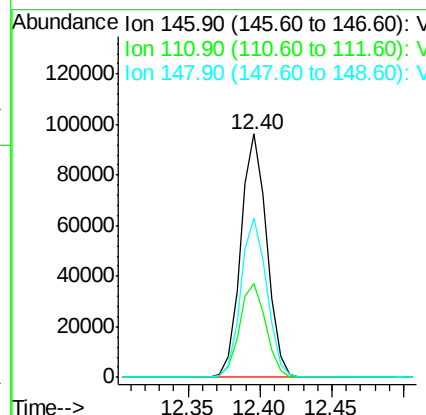
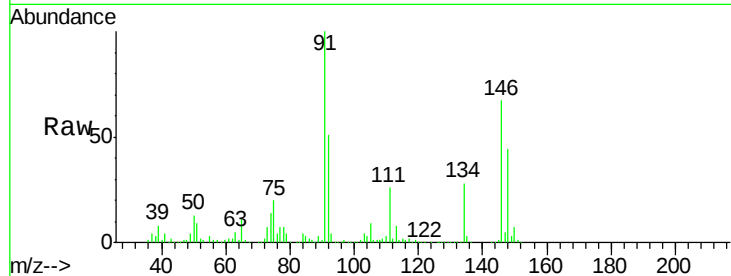
#91
 1,2-Dichlorobenzene
 Concen: 19.139 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.1
148	65.2	31.7	95.1

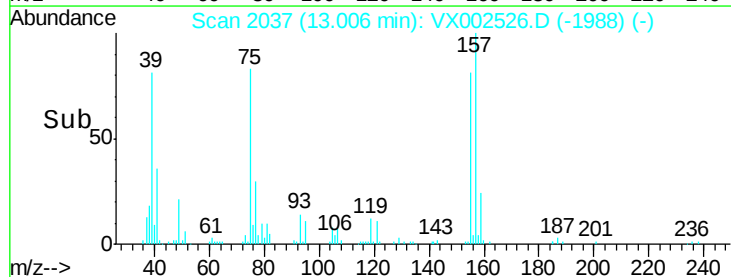
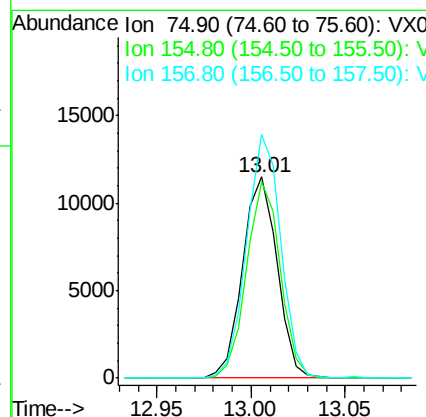
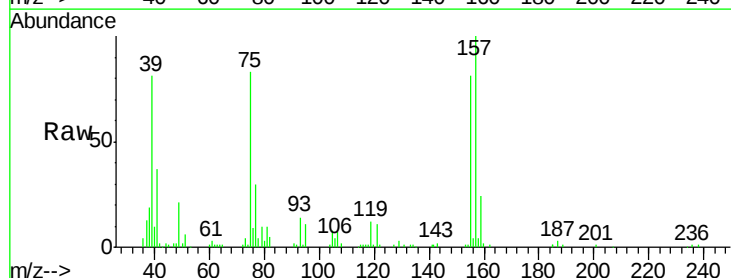
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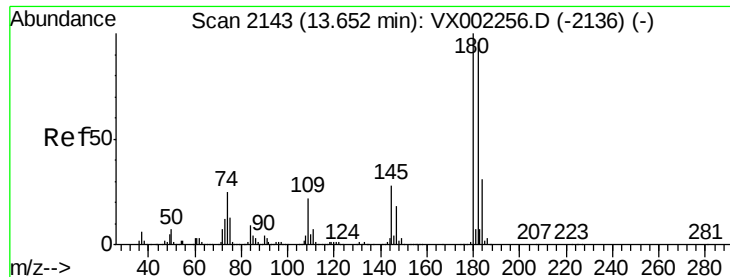
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.501 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	45.8	137.4
157	119.4	60.1	180.3





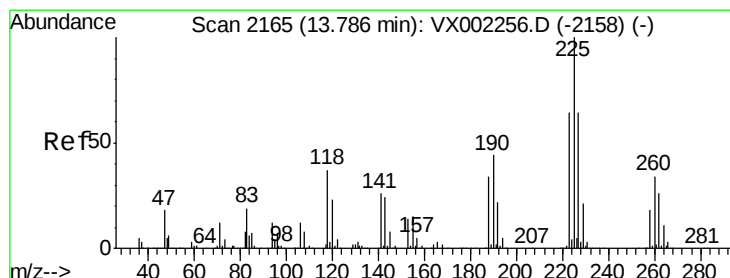
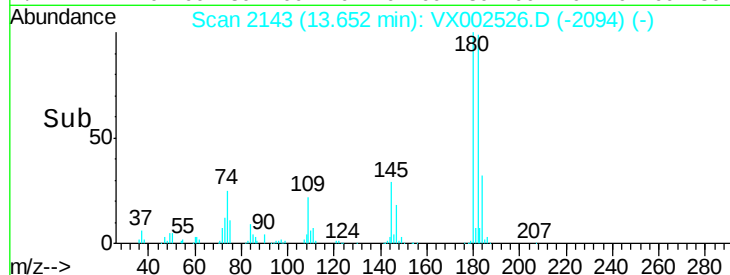
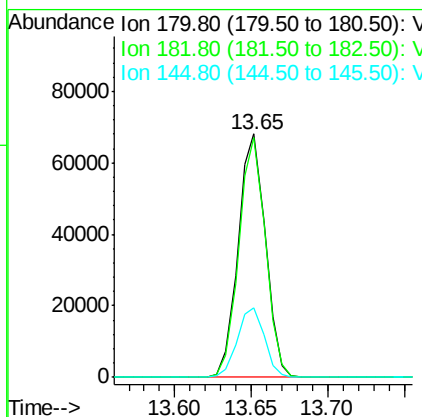
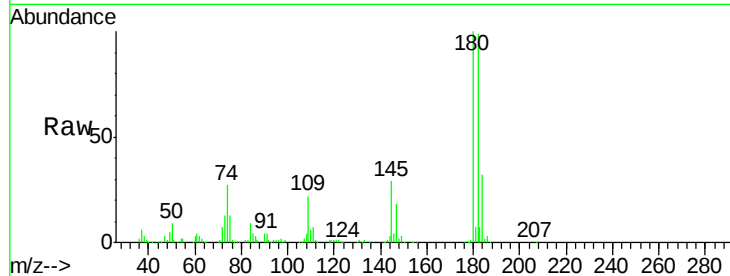
#93
 1,2,4-Trichlorobenzene
 Concen: 18.899 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	47.7	143.1	
145	28.6	14.1	42.4	

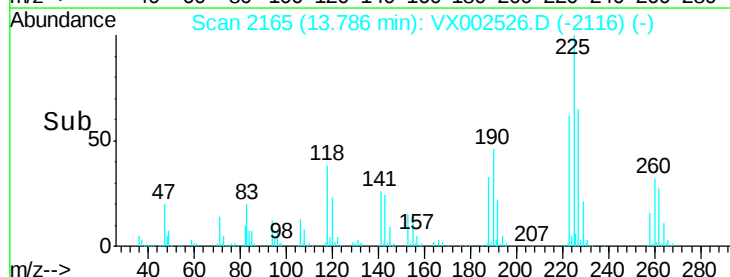
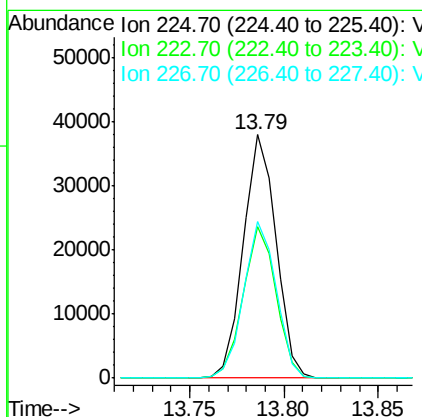
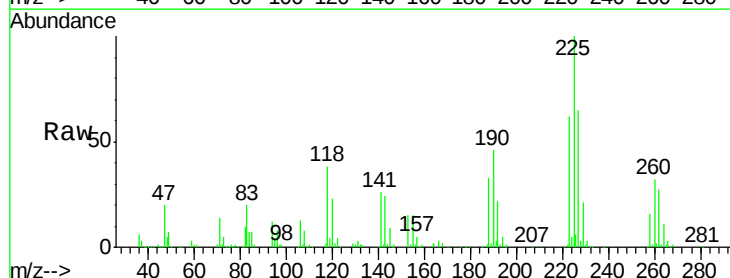
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#94
 Hexachlorobutadiene
 Concen: 20.922 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002526.D
 Acq: 14 Jun 2018 00:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	31.6	95.0	
227	63.9	32.4	97.2	





#95

Naphthalene

Concen: 18.928 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Instrument :

MSVOA_X

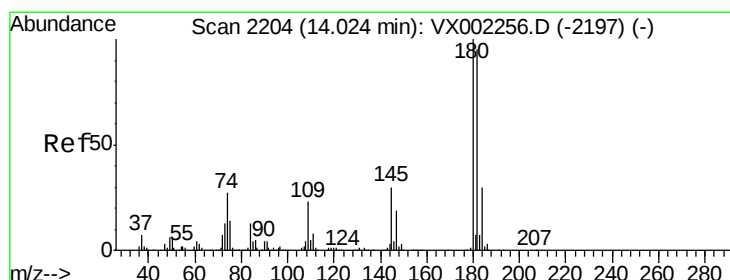
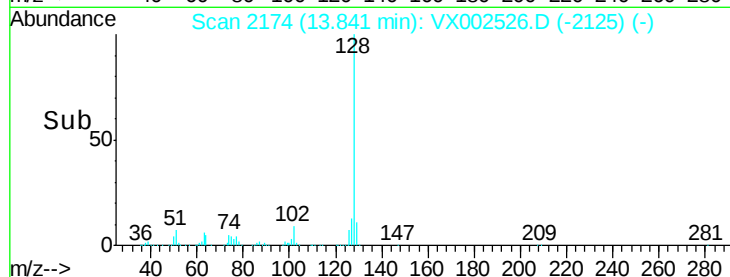
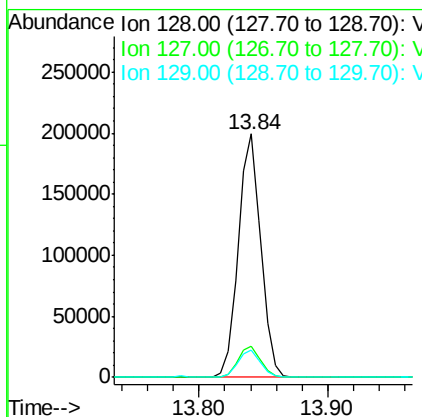
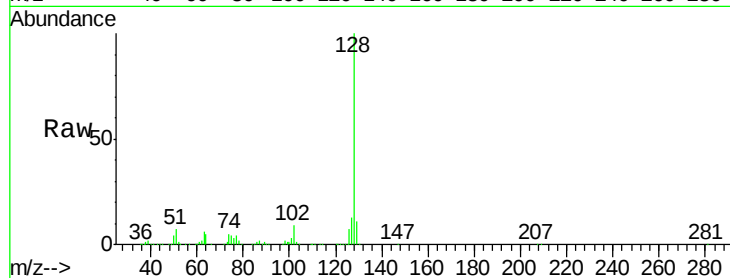
ClientSampleId :

VX0613MBS01

Tot Ion:	128	Resp:	241335
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/14/2018 11:29:26 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.583 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002526.D

Acq: 14 Jun 2018 00:01

Tgt Ion:	180	Resp:	88630
Ion Ratio	Lower	Upper	
180	100		
182	97.1	48.0	144.0
145	29.5	14.8	44.3

