

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002856.D
 Acq On : 25 Jun 2018 10:55
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 12:00:00 PM

Quant Time: Jun 25 14:30:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3491	1.16	ug/l	90
3) Chloromethane	1.33	50	3935	1.10	ug/l	92
4) Vinyl Chloride	1.41	62	3657	0.99	ug/l #	11
5) Bromomethane	1.65	94	3437	1.54	ug/l	96
6) Chloroethane	1.73	64	2856	1.17	ug/l #	79
7) Trichlorofluoromethane	1.93	101	5812	0.97	ug/l	90
8) Diethyl Ether	2.19	74	2225	0.97	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3684	1.10	ug/l	97
12) 1,1-Dichloroethene	2.38	96	3265	1.03	ug/l #	76
14) Allyl chloride	2.73	41	5914	0.94	ug/l	97
15) Acrylonitrile	3.15	53	8404	4.34	ug/l	96
16) Acetone	2.45	43	8486	4.48	ug/l	98
17) Carbon Disulfide	2.57	76	8811	1.18	ug/l #	89
18) Methyl Acetate	2.78	43	4070	0.81	ug/l #	79
19) Methyl tert-butyl Ether	3.21	73	10412	0.88	ug/l	99
20) Methylene Chloride	2.86	84	3571	0.92	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	3447	1.01	ug/l	98
22) Diisopropyl ether	3.88	45	10902	0.96	ug/l	98
23) Vinyl Acetate	3.83	43	45858	4.83	ug/l	96
24) 1,1-Dichloroethane	3.70	63	6297	1.02	ug/l #	93
25) 2-Butanone	4.71	43	11553	4.64	ug/l	97
26) 2,2-Dichloropropane	4.59	77	5013	1.13	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	3773	1.08	ug/l #	1
28) Bromochloromethane	5.03	49	3002	1.04	ug/l #	98
29) Tetrahydrofuran	5.16	42	7817	4.79	ug/l	96
30) Chloroform	5.22	83	5992	1.01	ug/l	97
31) Cyclohexane	5.58	56	5253	1.04	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	5083	1.02	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	4541	1.11	ug/l	96
37) Ethyl Acetate	4.86	43	4278	0.93	ug/l	98
38) Carbon Tetrachloride	5.79	117	4860	1.20	ug/l	89
39) Methylcyclohexane	7.46	83	5093	1.07	ug/l	97
40) Benzene	6.14	78	12679	1.04	ug/l	94
41) Methacrylonitrile	5.06	41	2660	1.02	ug/l #	82

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleID :
 VSTDIC001

Manual Integrations
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 6/28/2018 12:00:00 PM

Quant Time: Jun 25 14:30:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	5510	1.16	ug/l	97
43) Isopropyl Acetate	6.47	43	7816	1.02	ug/l	97
44) Trichloroethene	7.21	130	3979	1.13	ug/l	97
45) 1,2-Dichloropropane	7.52	63	3528	1.10	ug/l #	88
46) Dibromomethane	7.67	93	2435	1.13	ug/l	95
47) Bromodichloromethane	7.90	83	4001	1.05	ug/l	99
48) Methyl methacrylate	7.77	41	3647	0.93	ug/l	99
49) 1,4-Dioxane	7.76	88	1488	20.10	ug/l #	77
51) 4-Methyl-2-Pentanone	8.65	43	20856	4.25	ug/l	98
52) Toluene	8.79	92	7744	0.99	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	3927	0.88	ug/l	95
54) cis-1,3-Dichloropropene	9.04	75	4109	0.99	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	3227	1.02	ug/l	93
56) Ethyl methacrylate	9.18	69	4038	0.83	ug/l	97
57) 1,3-Dichloropropane	9.37	76	5355	1.00	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	9474	4.04	ug/l	96
59) 2-Hexanone	9.50	43	15076	4.07	ug/l	99
60) Dibromochloromethane	9.59	129	2890	0.95	ug/l	95
61) 1,2-Dibromoethane	9.68	107	3260	1.00	ug/l	92
64) Tetrachloroethene	9.34	164	4365	1.12	ug/l	99
65) Chlorobenzene	10.14	112	9695	1.12	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	3170	1.08	ug/l #	65
67) Ethyl Benzene	10.26	91	14500	1.00	ug/l	96
68) m/p-Xylenes	10.36	106	10836	1.93	ug/l	99
69) o-Xylene	10.70	106	5272	0.96	ug/l	98
70) Styrene	10.71	104	8022	0.88	ug/l	95
71) Bromoform	10.86	173	2063	0.93	ug/l #	98
73) Isopropylbenzene	11.02	105	13742	0.98	ug/l	96
74) N-amyl acetate	6.47	43	7816	1.12	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	4518	1.09	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	4026m	1.02	ug/l	
77) Bromobenzene	11.26	156	4264	1.09	ug/l	94
78) n-propylbenzene	11.36	91	15386	0.96	ug/l	99
79) 2-Chlorotoluene	11.42	91	10001	1.04	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	11146	0.94	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	751	0.72	ug/l #	50
82) 4-Chlorotoluene	11.51	91	11304	1.00	ug/l	98
83) tert-Butylbenzene	11.77	119	10912	0.96	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	11864	0.98	ug/l	97
85) sec-Butylbenzene	11.95	105	13269	0.93	ug/l	100
86) p-Isopropyltoluene	12.07	119	11356	0.88	ug/l	89
87) 1,3-Dichlorobenzene	12.03	146	7443	1.04	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	8232m	1.13	ug/l	
89) n-Butylbenzene	12.39	91	10571	0.93	ug/l	97
90) Hexachloroethane	12.60	117	1631	0.92	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	7677	1.06	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	992	1.14	ug/l	76
93) 1,2,4-Trichlorobenzene	13.65	180	5411	1.03	ug/l	96
94) Hexachlorobutadiene	13.79	225	2546	0.92	ug/l	94
95) Naphthalene	13.84	128	12673	0.90	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC001

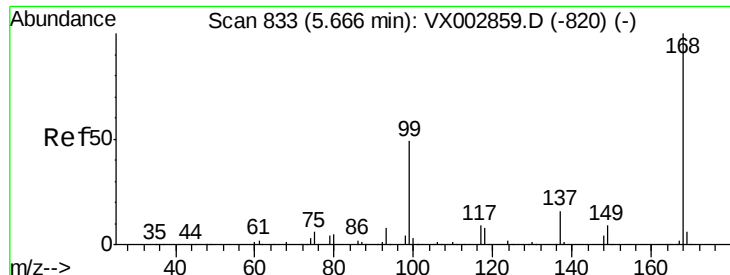
Manual Integrations
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6/28/2018 12:00:00 PM

Quant Time: Jun 25 14:30:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 12:41:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4990	0.95	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 282553

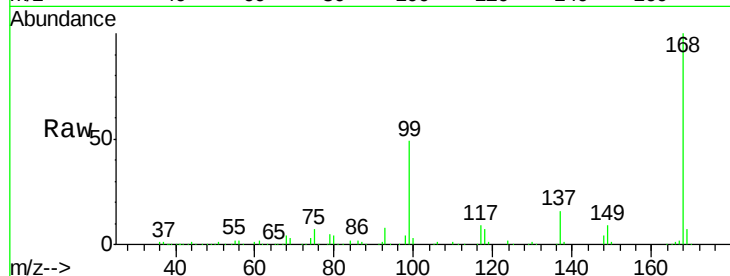
Ion Ratio Lower Upper

168 100

99 49.3 39.3 58.9

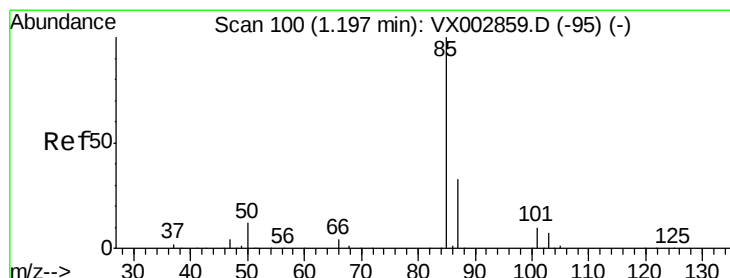
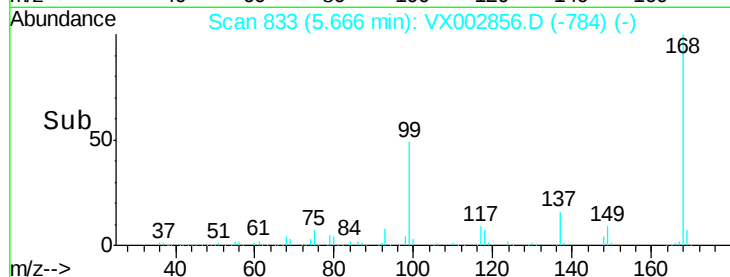
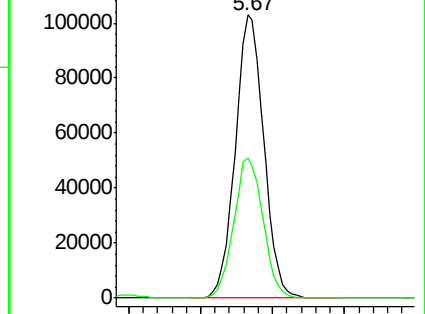
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.16 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002856.D

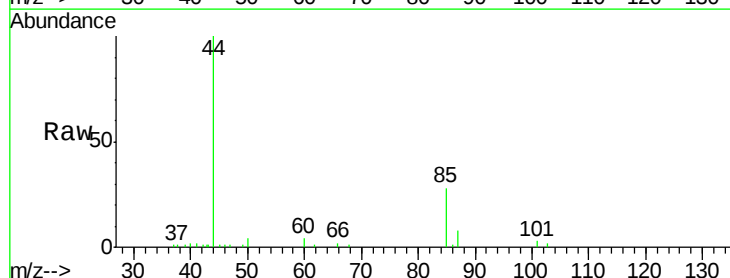
Acq: 25 Jun 2018 10:55

Tgt Ion: 85 Resp: 3491

Ion Ratio Lower Upper

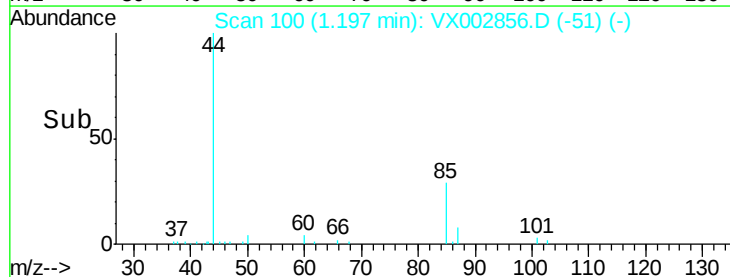
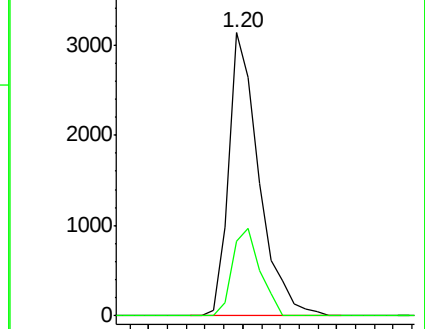
85 100

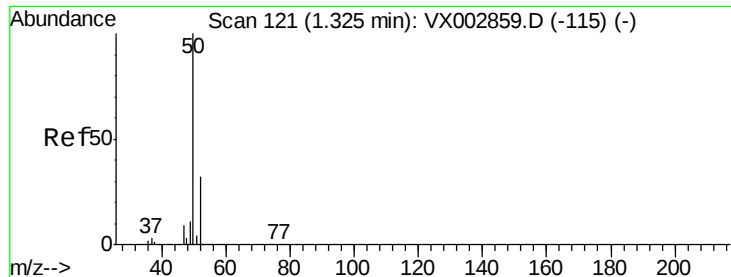
87 26.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.10 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3935

Ion Ratio Lower Upper

50 100

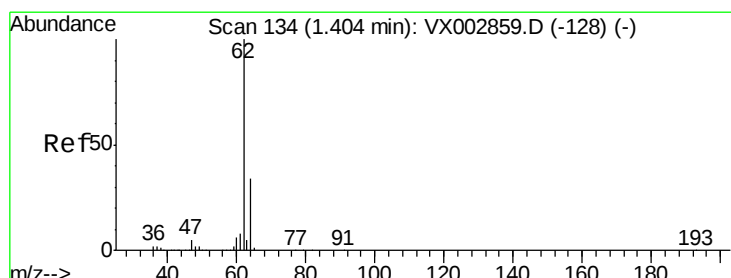
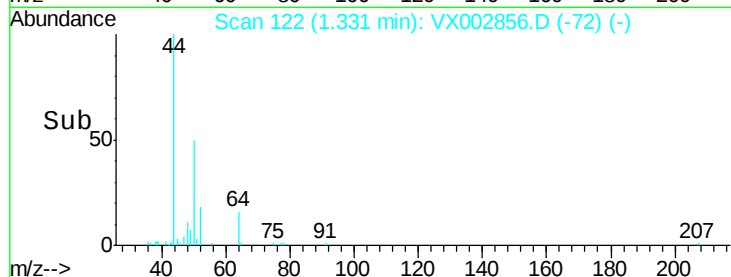
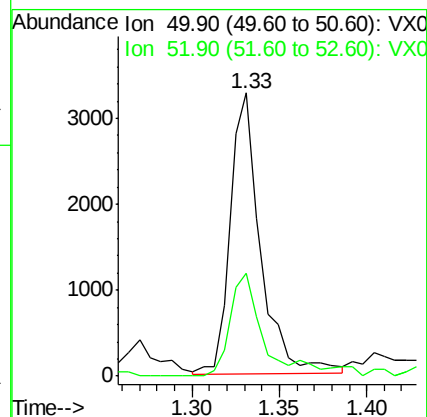
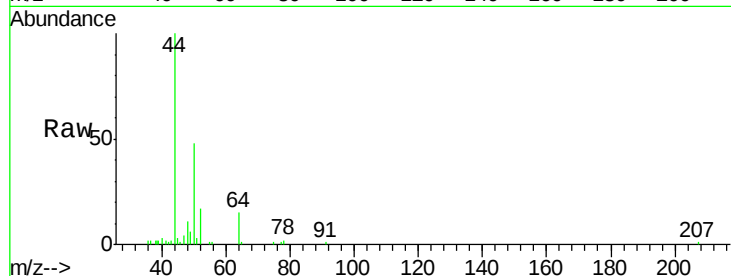
52 36.8 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.99 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002856.D

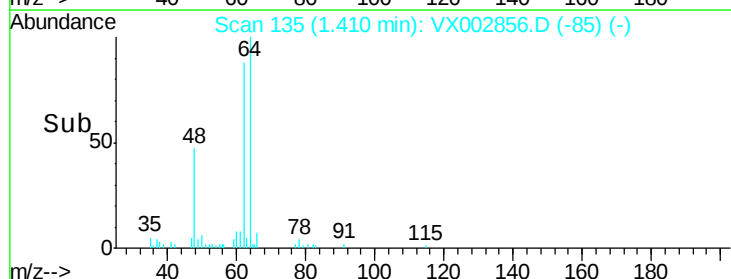
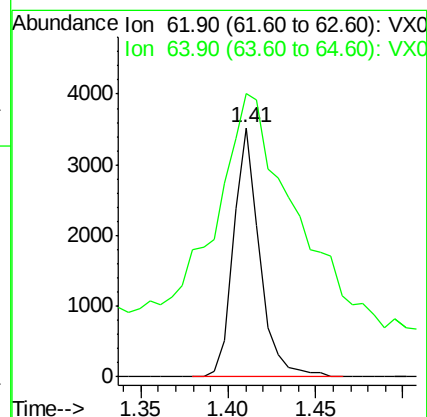
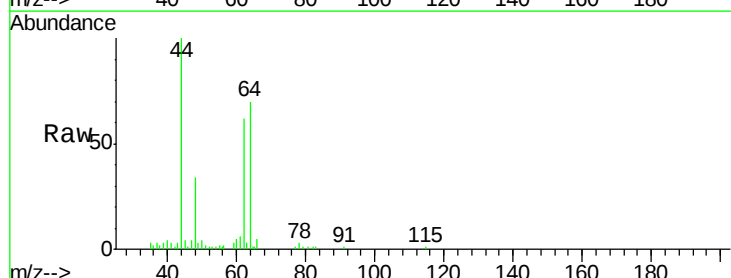
Acq: 25 Jun 2018 10:55

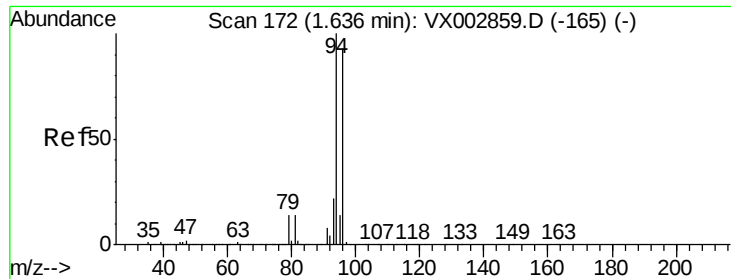
Tgt Ion: 62 Resp: 3657

Ion Ratio Lower Upper

62 100

64 81.2 25.4 38.2#





#5

Bromomethane

Concen: 1.54 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 3437

Ion Ratio Lower Upper

94 100

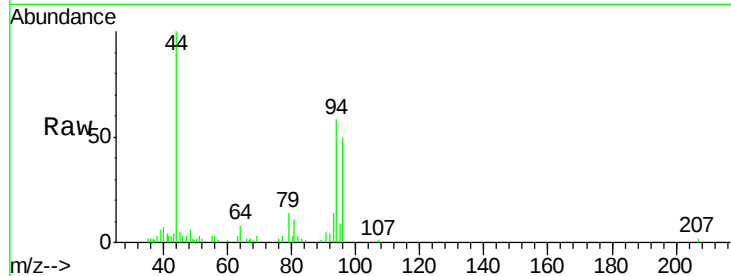
96 89.9 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

2500

2000

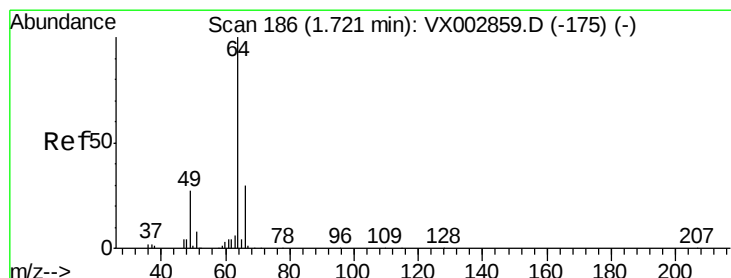
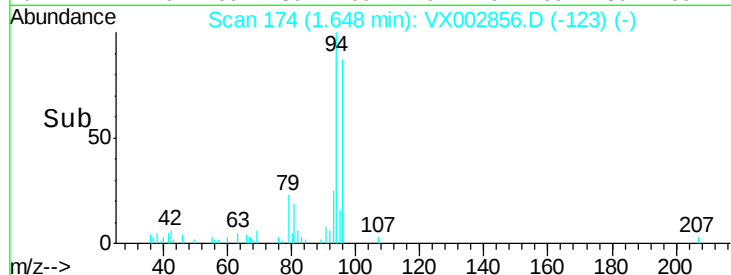
1500

1000

500

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 1.17 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX002856.D

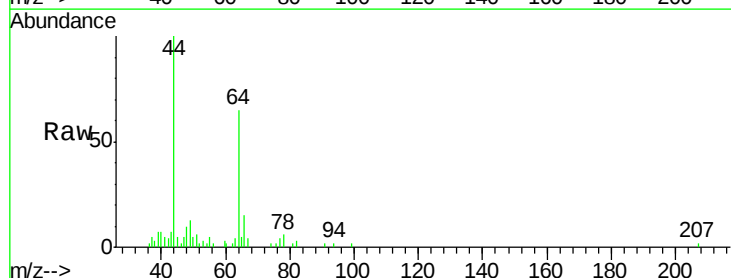
Acq: 25 Jun 2018 10:55

Tgt Ion: 64 Resp: 2856

Ion Ratio Lower Upper

64 100

66 20.3 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

2500

2000

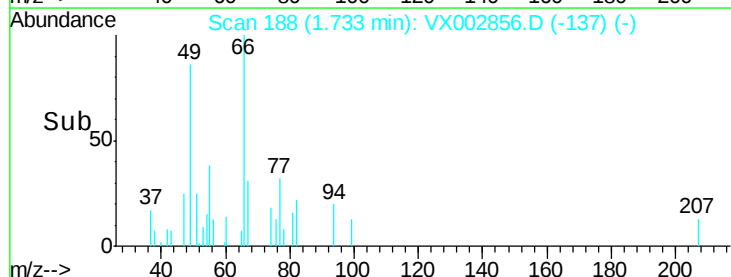
1500

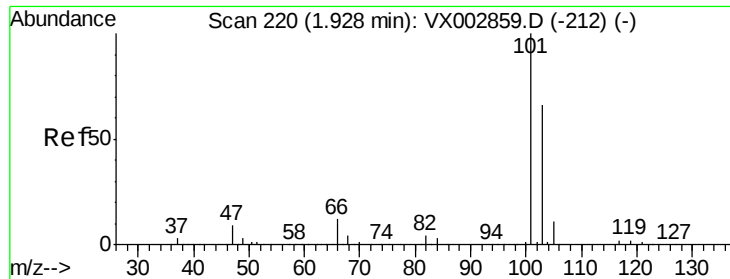
1000

500

0

Time--> 1.70 1.75





#7

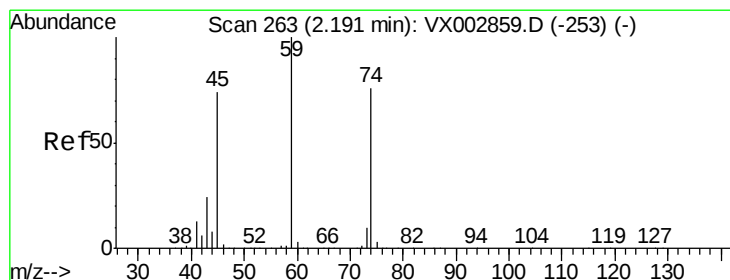
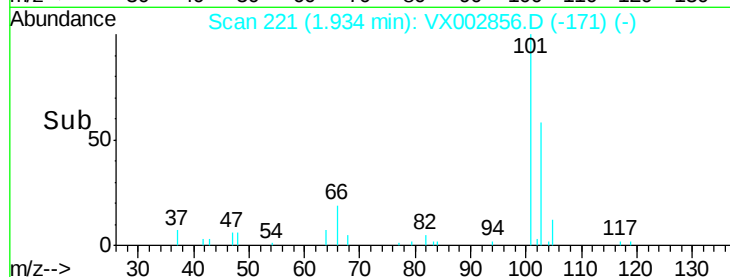
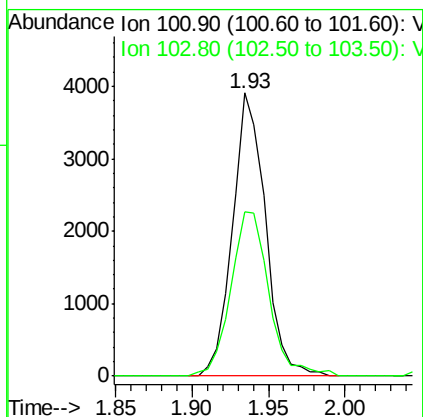
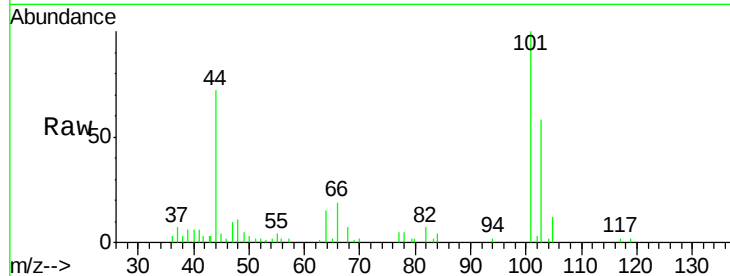
Trichlorofluoromethane
 Concen: 0.97 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:101 Resp: 5812
 Ion Ratio Lower Upper
 101 100
 103 57.8 52.8 79.2

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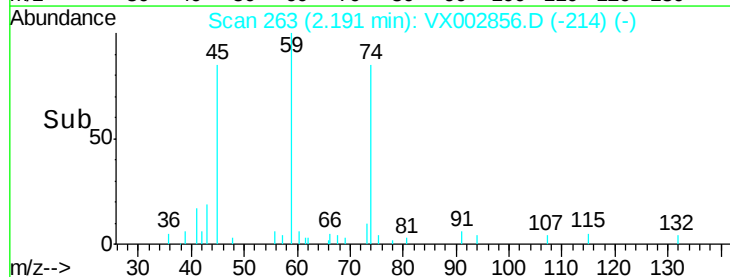
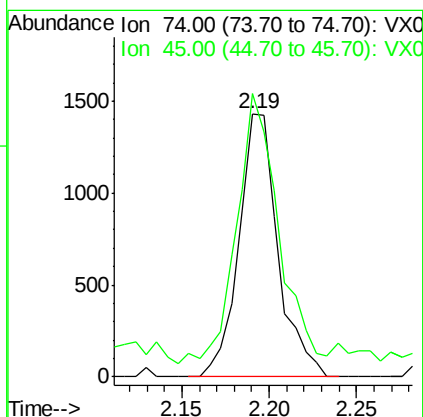
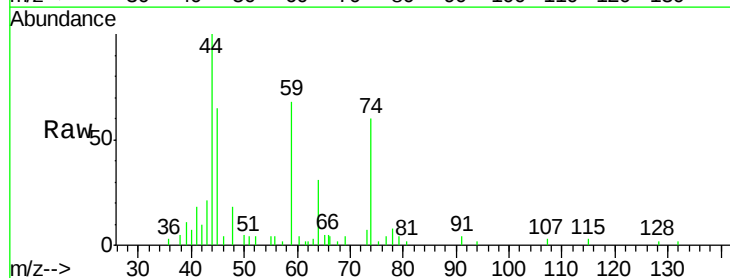
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#8

Diethyl Ether
 Concen: 0.97 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Tgt Ion: 74 Resp: 2225
 Ion Ratio Lower Upper
 74 100
 45 109.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.10 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

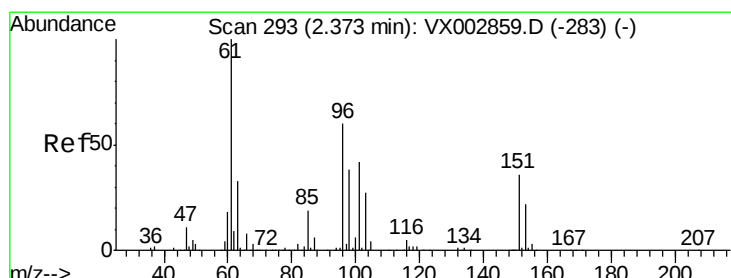
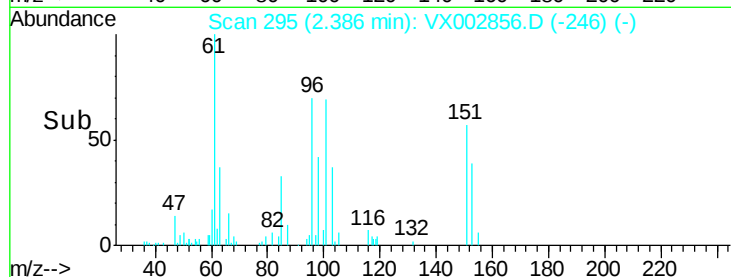
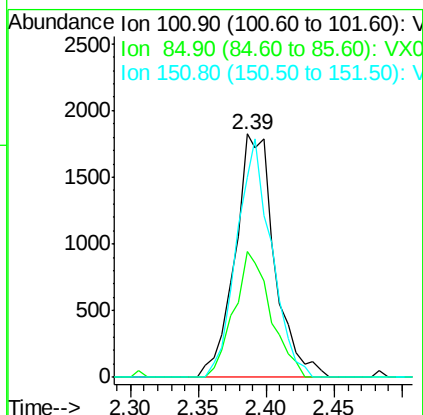
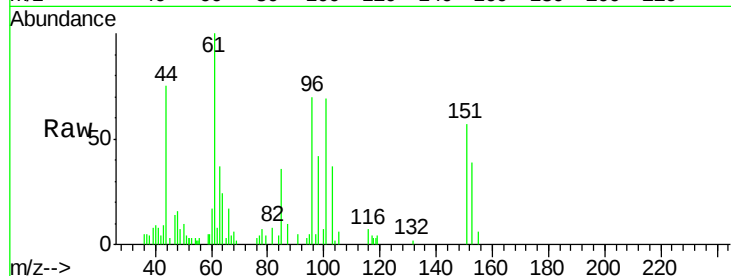
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	3684
Ion Ratio	Lower	Upper	
101	100		
85	48.1	36.0	54.0
151	86.3	70.9	106.3

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 1.03 ug/l

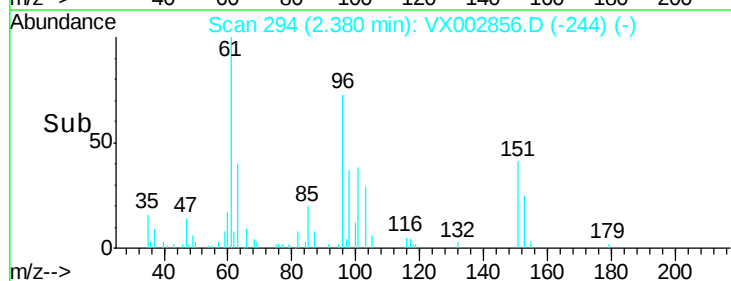
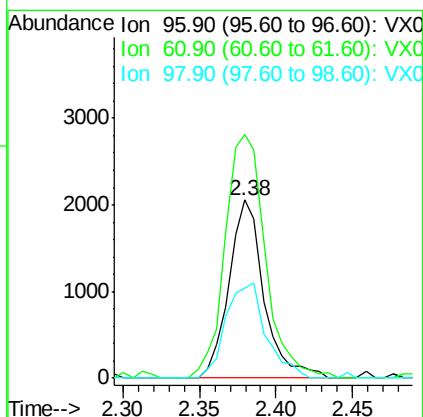
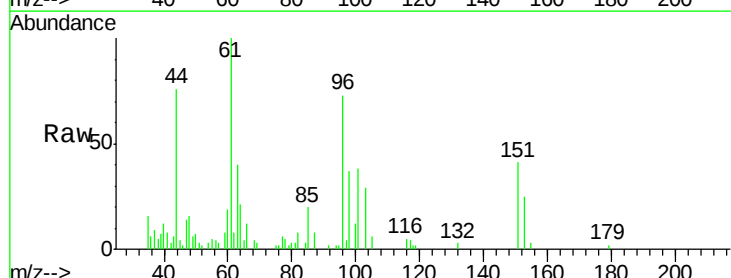
RT: 2.38 min Scan# 294

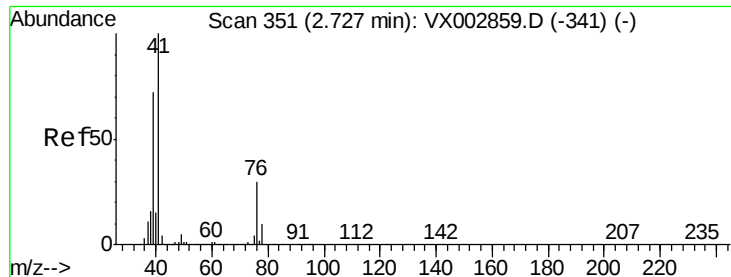
Delta R.T. 0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tgt Ion:	96	Resp:	3265
Ion Ratio	Lower	Upper	
96	100		
61	136.6	137.9	206.9#
98	50.7	51.6	77.4#





#14

Allvl chloride

Concen: 0.94 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

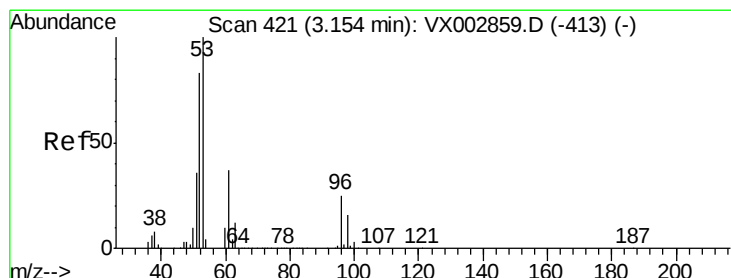
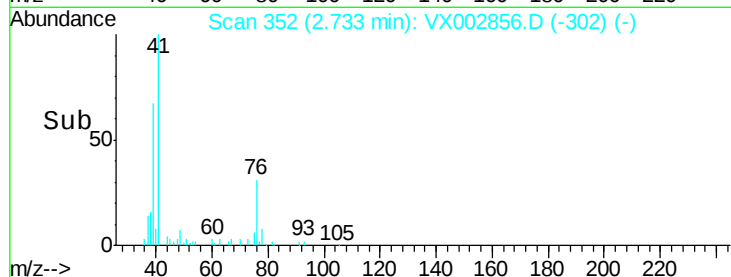
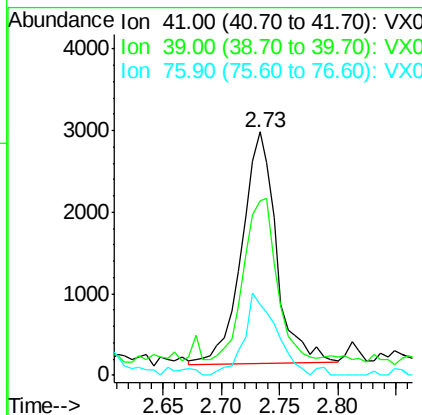
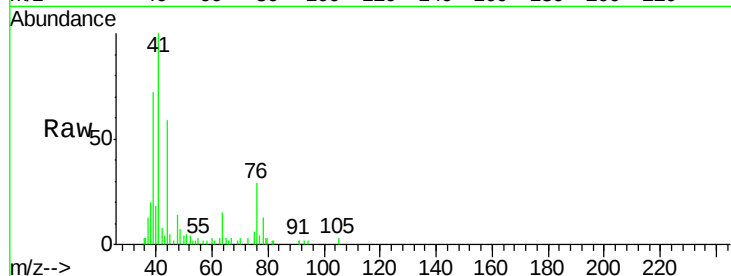
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	5914
Ion	Ratio	Lower	Upper
41	100		
39	69.1	56.8	85.2
76	32.3	23.8	35.8

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#15

Acrylonitrile

Concen: 4.34 ug/l

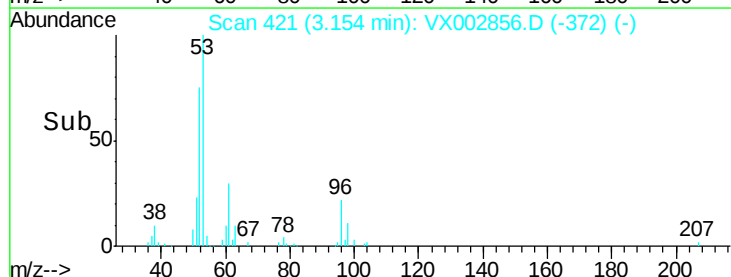
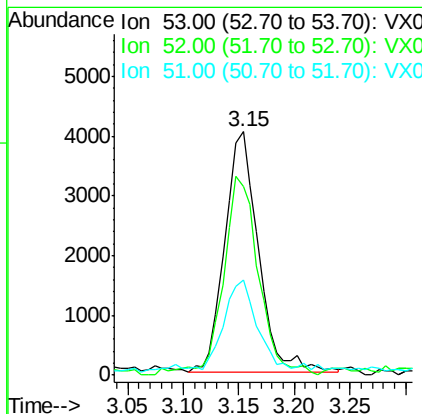
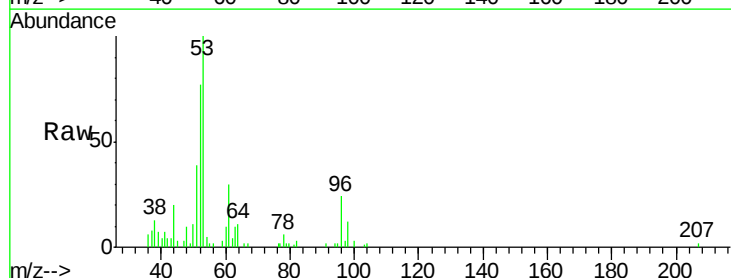
RT: 3.15 min Scan# 421

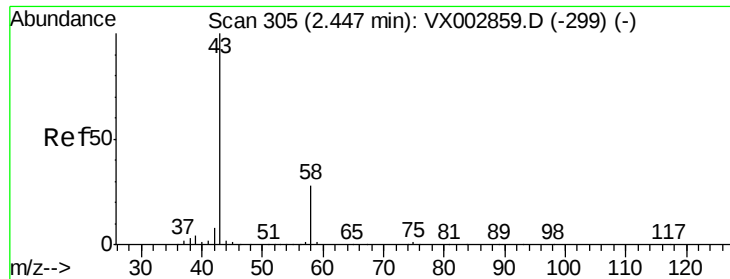
Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tgt Ion:	53	Resp:	8404
Ion	Ratio	Lower	Upper
53	100		
52	87.7	66.7	100.1
51	35.8	29.9	44.9





#16

Acetone

Concen: 4.48 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 8486

Ion Ratio Lower Upper

43 100

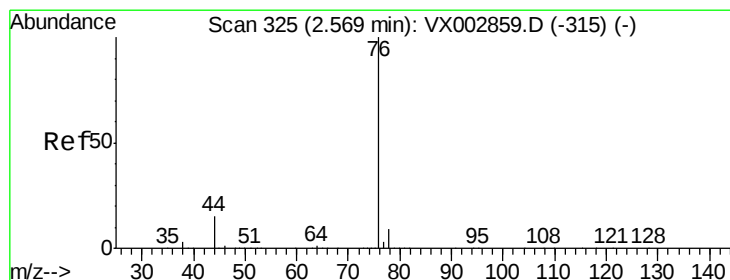
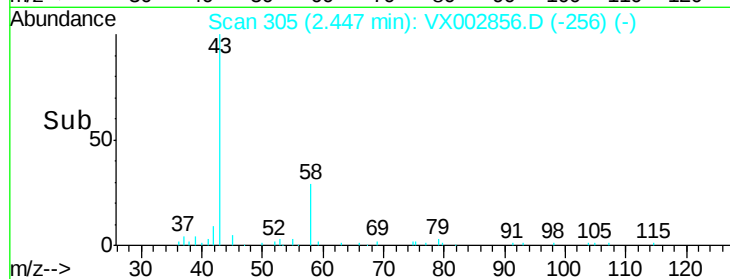
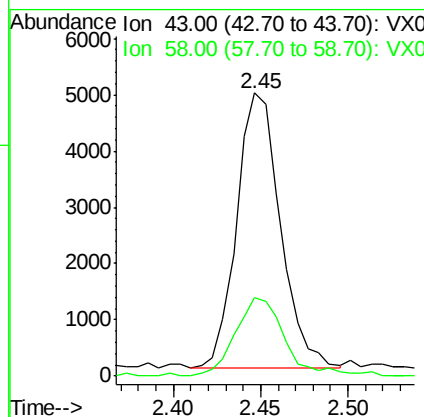
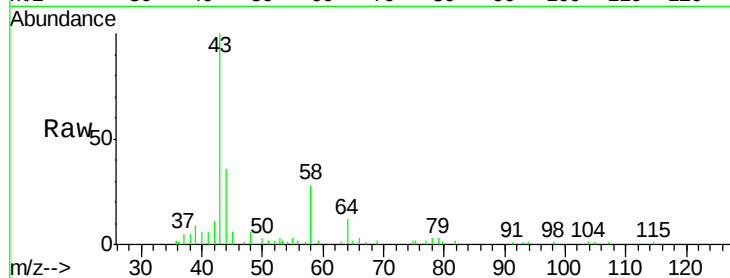
58 28.6 22.1 33.1

Manual Integrations

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#17

Carbon Disulfide

Concen: 1.18 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002856.D

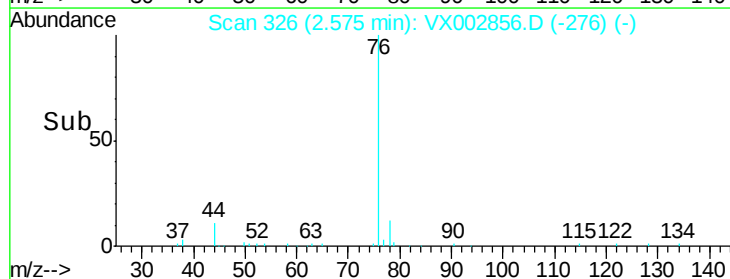
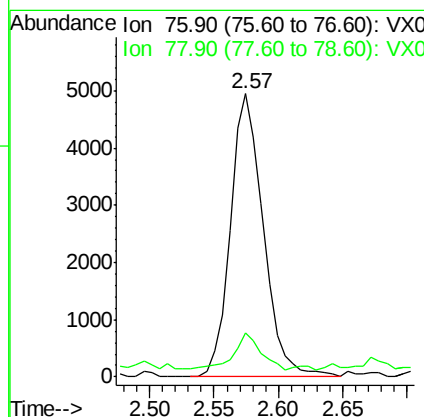
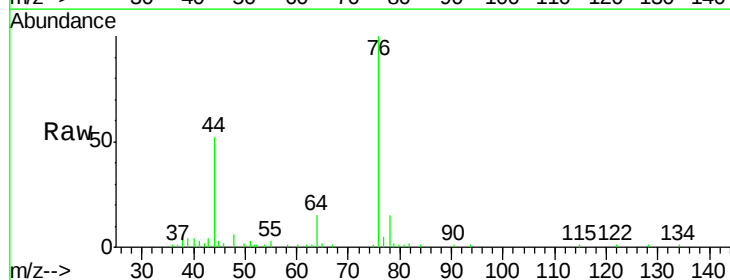
Acq: 25 Jun 2018 10:55

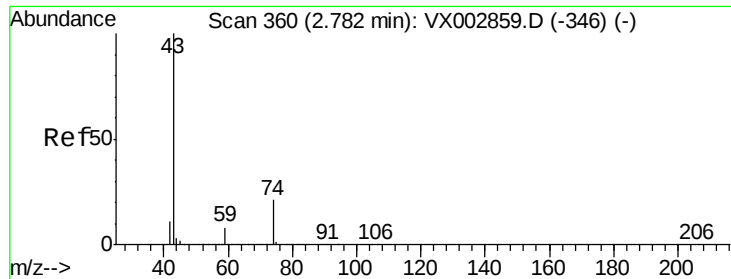
Tgt Ion: 76 Resp: 8811

Ion Ratio Lower Upper

76 100

78 12.5 6.9 10.3#





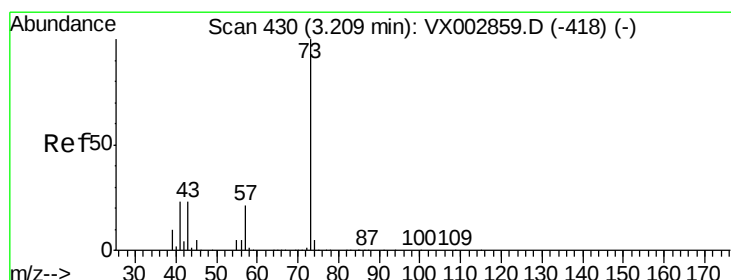
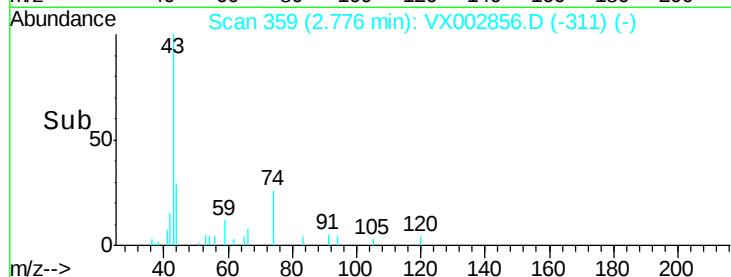
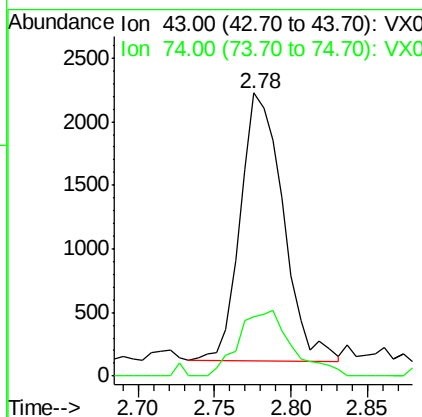
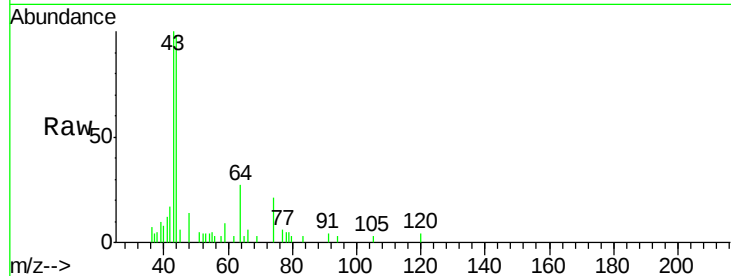
#18
Methvl Acetate
Concen: 0.81 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	43	Resp	4070
Ion Ratio	Lower	Upper	
43	100		
74	30.8	16.7	25.1#

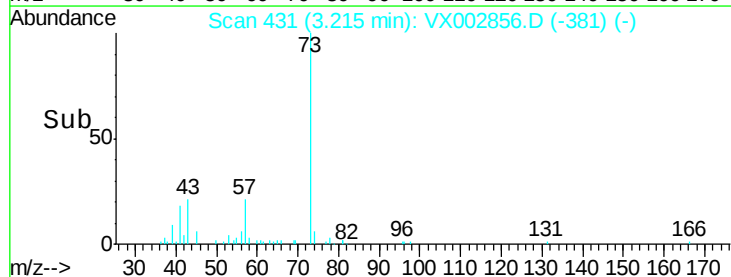
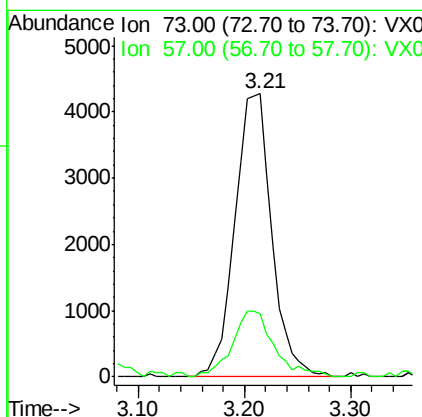
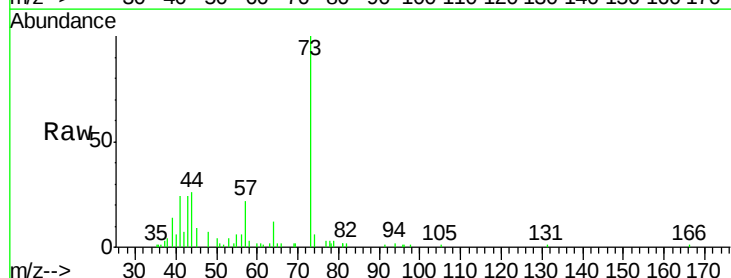
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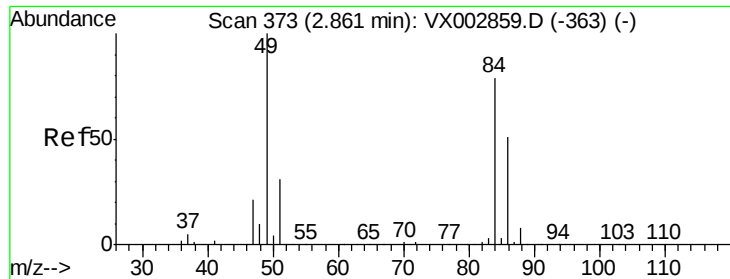
MMDadoda
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#19
Methyl tert-butyl Ether
Concen: 0.88 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion	73	Resp	10412
Ion Ratio	Lower	Upper	
73	100		
57	22.4	17.7	26.5





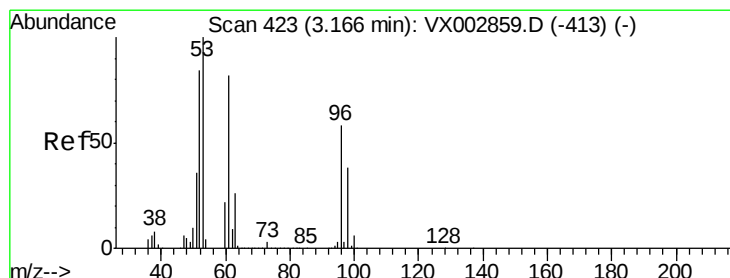
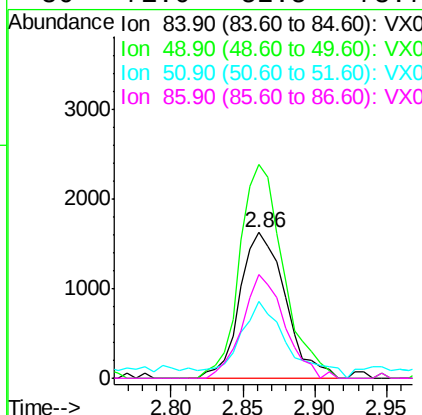
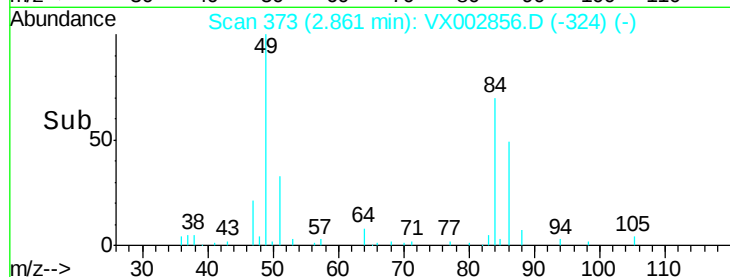
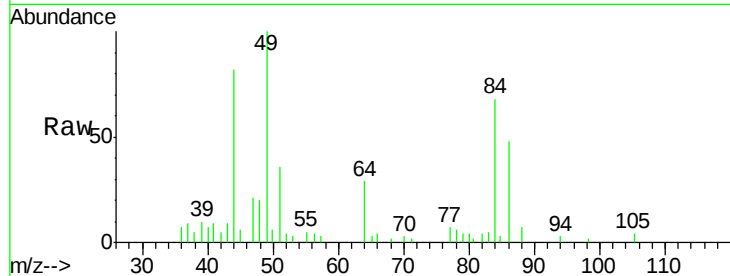
#20
Methylene Chloride
Concen: 0.92 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	3571
Ion	Ratio	Lower	Upper
84	100		
49	147.0	107.8	161.6
51	46.3	32.8	49.2
86	71.0	52.5	78.7

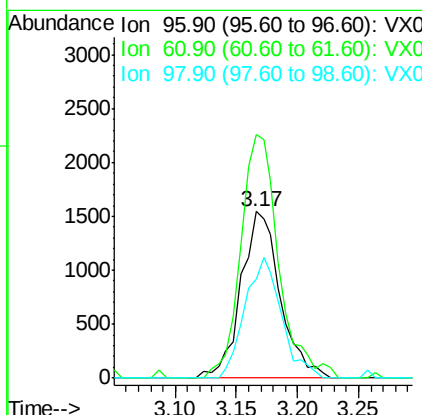
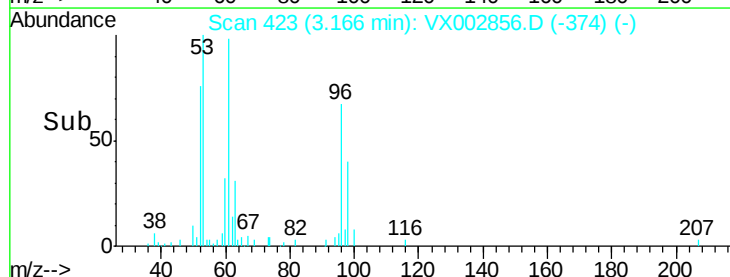
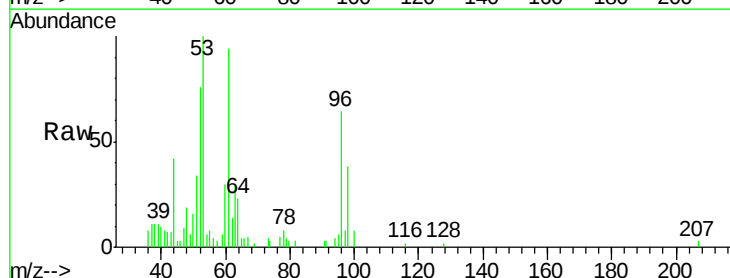
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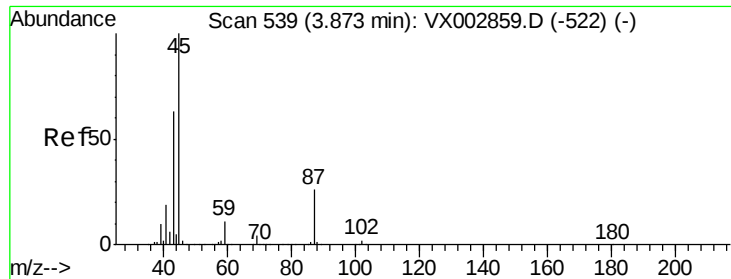
MMDadoda
6/28/2018 12:00:00 PM



#21
trans-1,2-Dichloroethene
Concen: 1.01 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion:	96	Resp:	3447
Ion	Ratio	Lower	Upper
96	100		
61	146.3	117.0	175.4
98	59.4	52.4	78.6





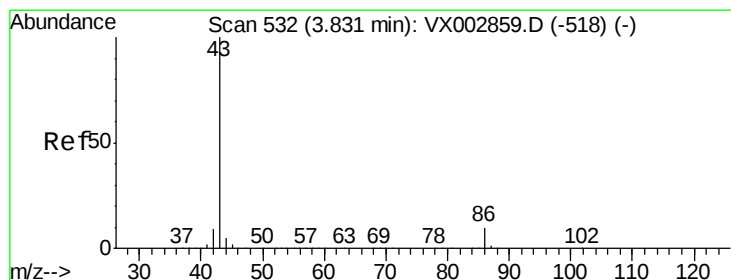
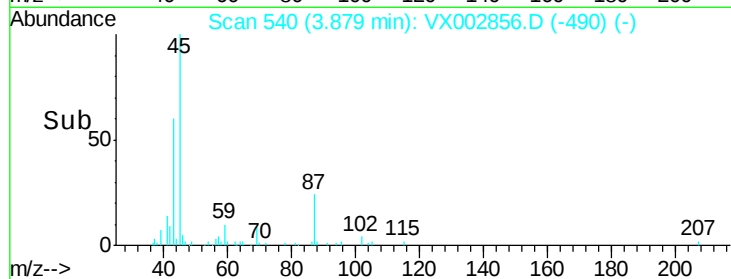
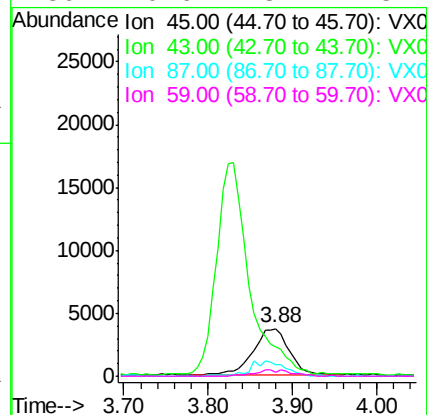
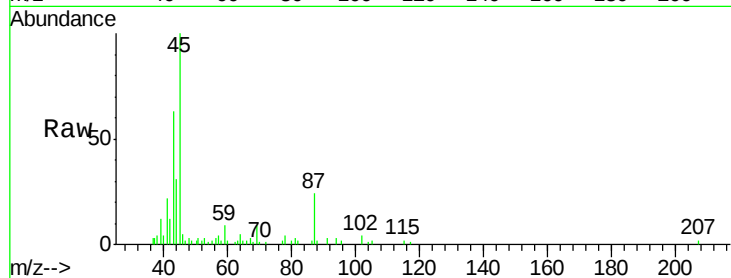
#22
Diisopropyl ether
Concen: 0.96 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.01 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
45	100		
43	59.5	46.8	70.2
87	24.3	20.2	30.4
59	9.6	8.7	13.1

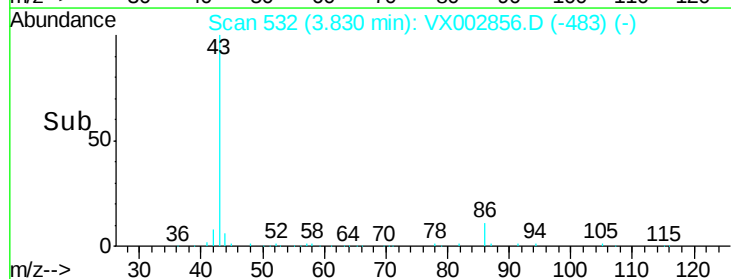
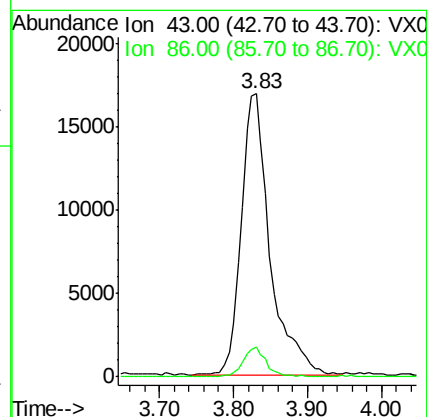
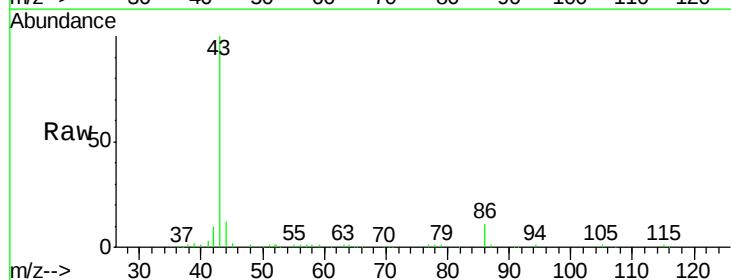
Manual Integrations
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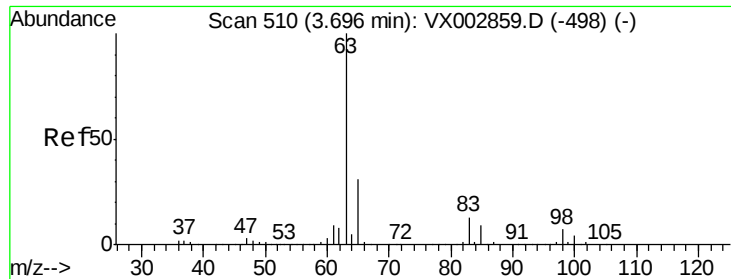
MMDadoda
6/28/2018 12:00:00 PM



#23
Vinyl Acetate
Concen: 4.83 ug/l
RT: 3.83 min Scan# 532
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.7	7.4	11.0





#24

1,1-Dichloroethane

Concen: 1.02 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

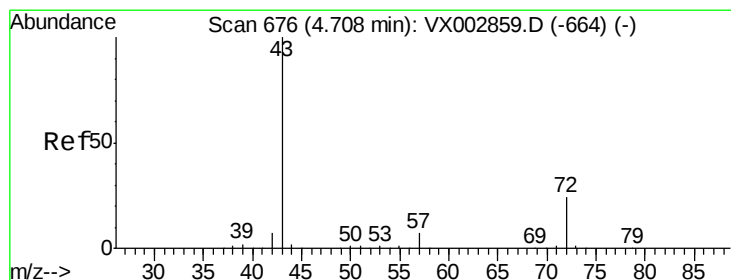
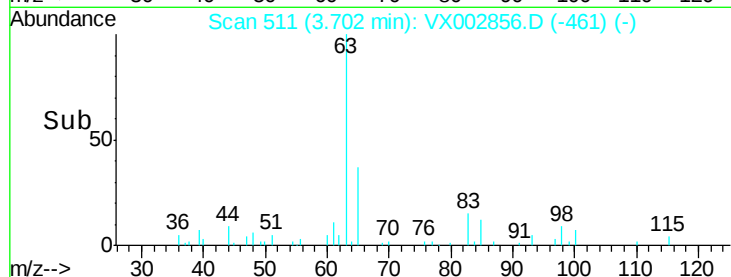
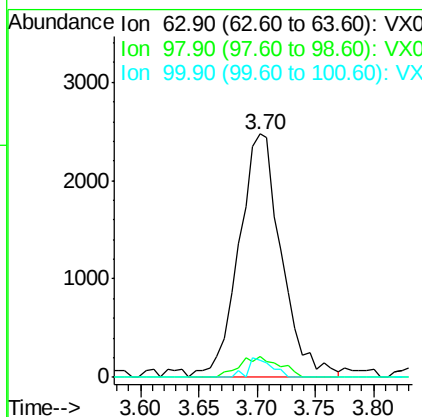
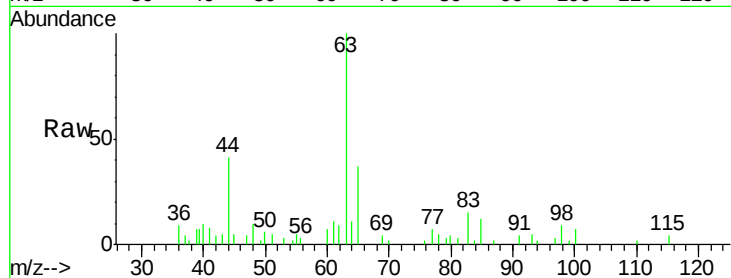
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	6297
Ion Ratio	Lower	Upper	
63	100		
98	8.8	3.4	10.2
100	7.0	2.0	6.0#

Manual Integrations
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#25

2-Butanone

Concen: 4.64 ug/l

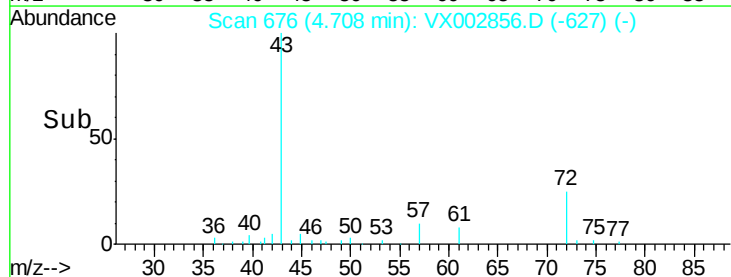
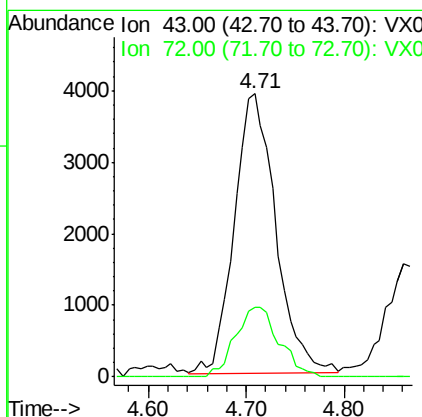
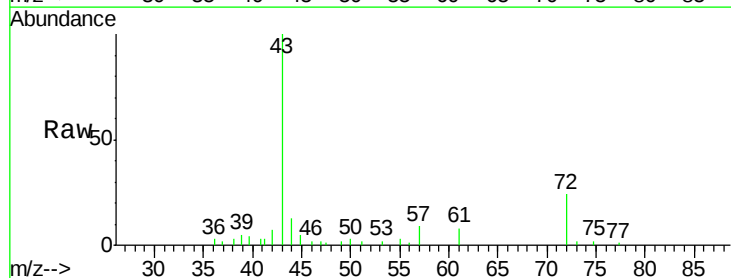
RT: 4.71 min Scan# 676

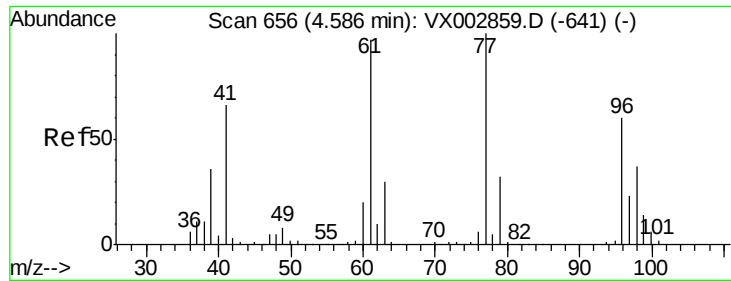
Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tgt Ion:	43	Resp:	11553
Ion Ratio	Lower	Upper	
43	100		
72	24.8	18.5	27.7





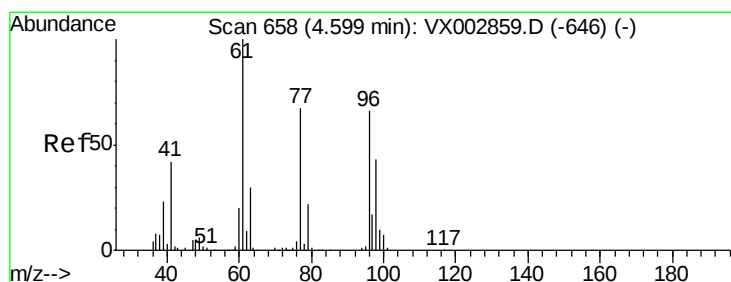
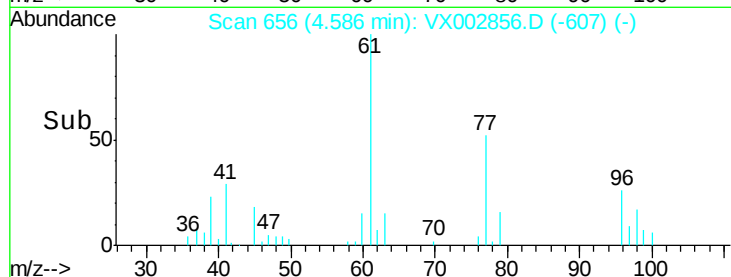
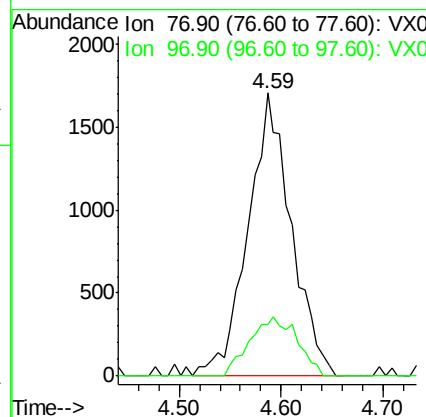
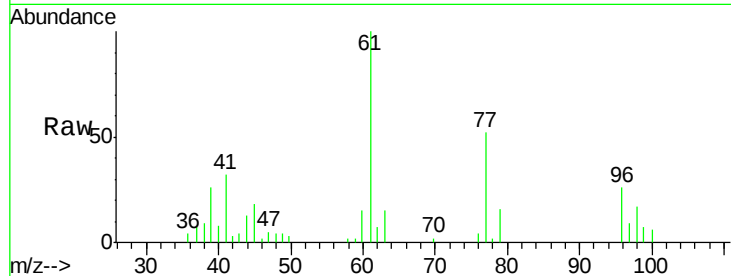
#26
 2,2-Dichloropropane
 Concen: 1.13 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 77 Resp: 5013
 Ion Ratio Lower Upper
 77 100
 97 22.7 11.2 33.5

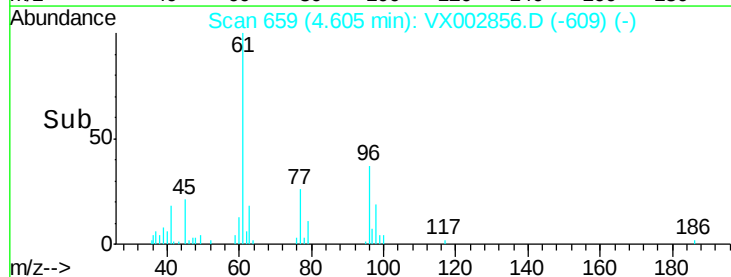
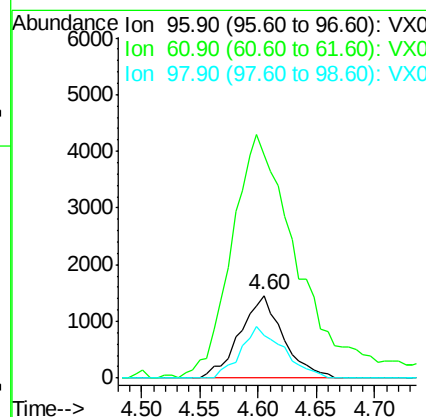
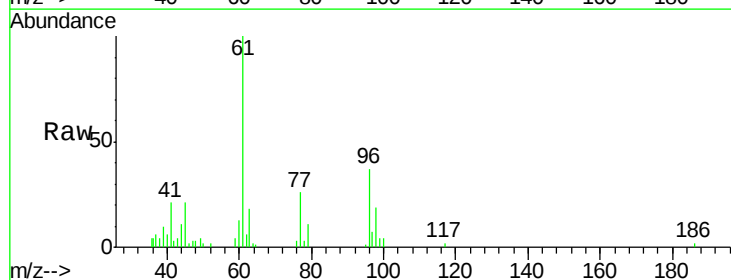
Manual Integrations
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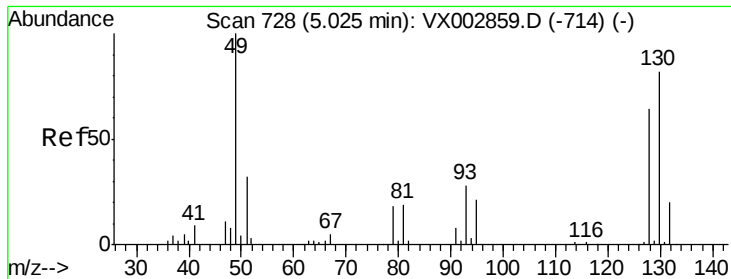
MMDadoda
 6/28/2018 12:00:00 PM



#27
 cis-1,2-Dichloroethene
 Concen: 1.08 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Tgt Ion: 96 Resp: 3773
 Ion Ratio Lower Upper
 96 100
 61 457.2 0.0 330.2#
 98 60.9 0.0 130.2





#28

Bromochloromethane

Concen: 1.04 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

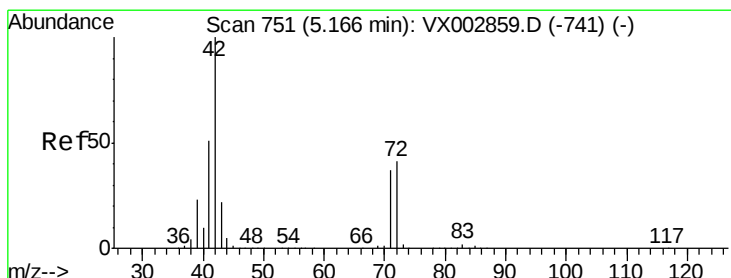
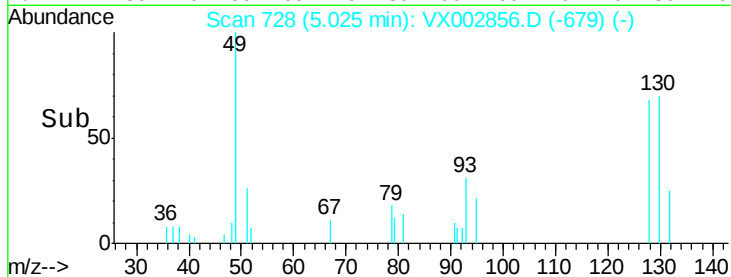
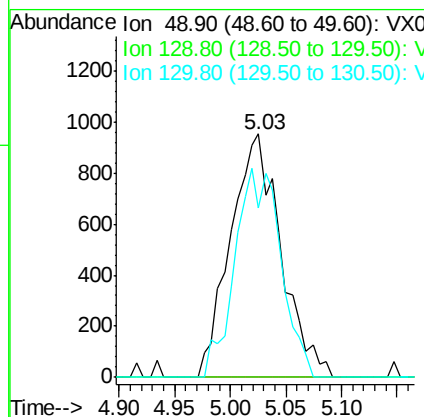
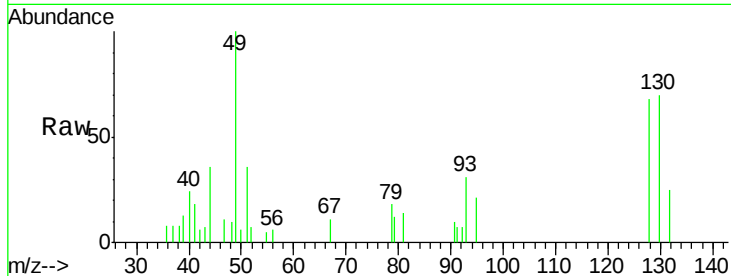
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	78.0	61.2	91.8

Manual Integrations
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6/28/2018 12:00:00 PM



#29

Tetrahydrofuran

Concen: 4.79 ug/l

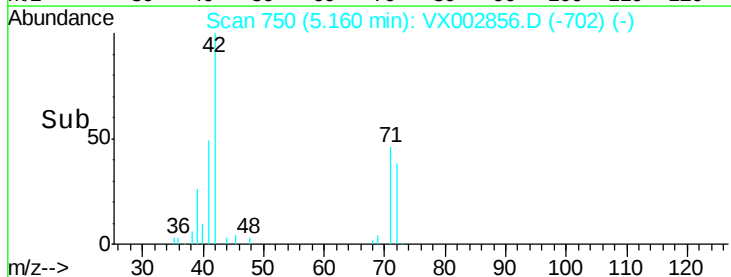
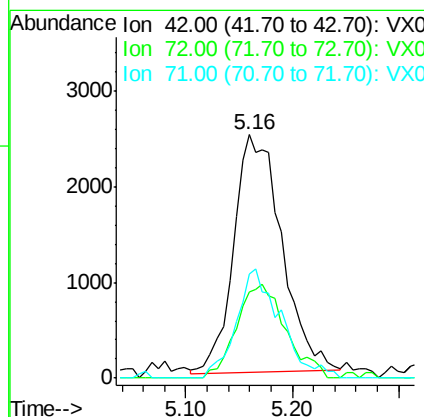
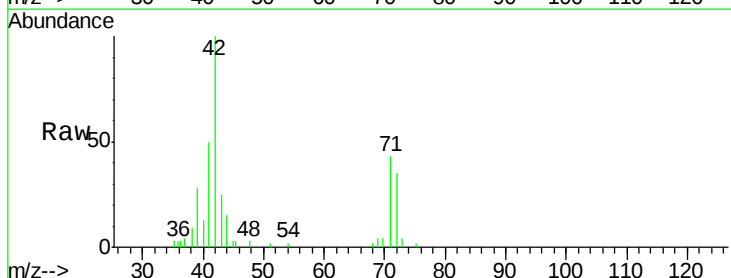
RT: 5.16 min Scan# 750

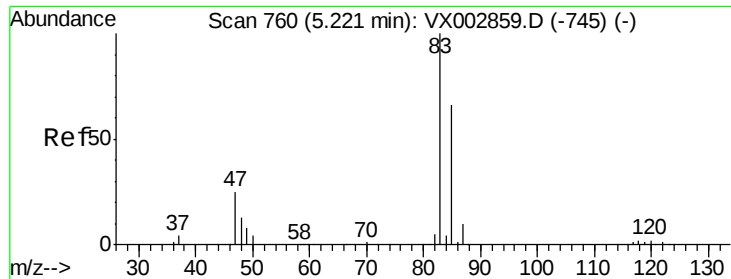
Delta R.T. -0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.0	48.0
71	42.6	30.1	45.1





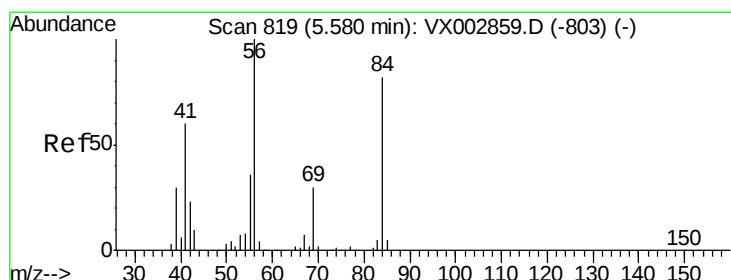
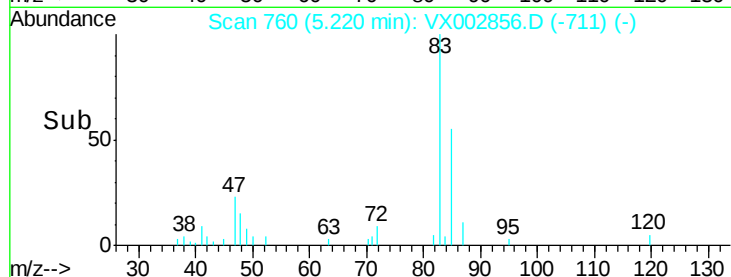
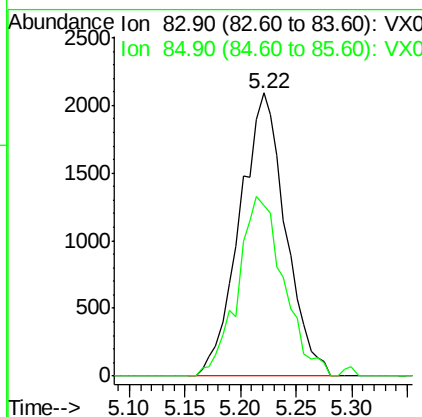
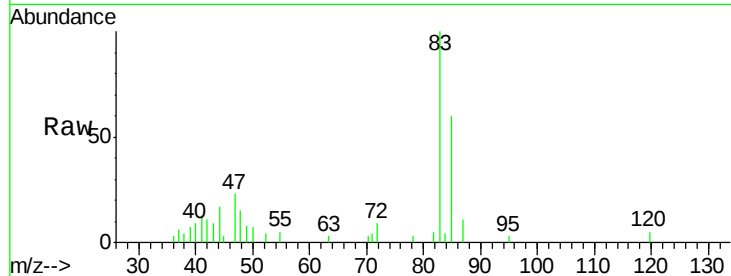
#30
Chloroform
Concen: 1.01 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 5992
Ion Ratio Lower Upper
83 100
85 60.4 50.4 75.6

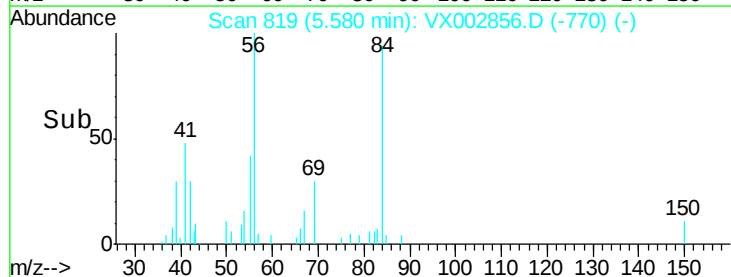
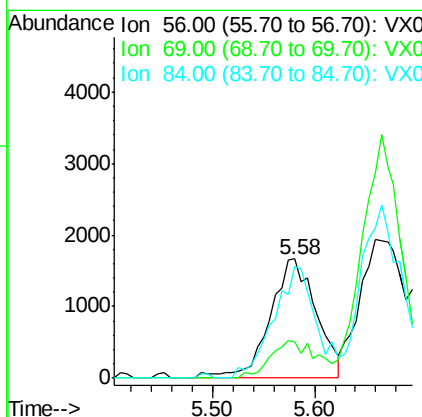
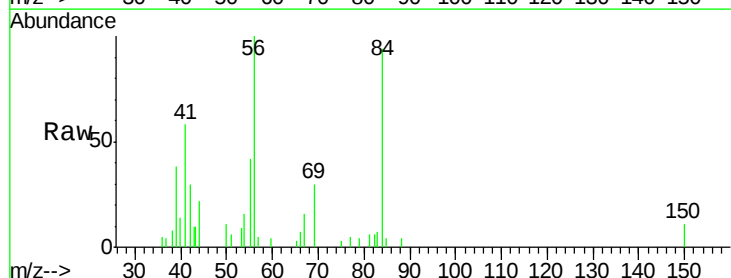
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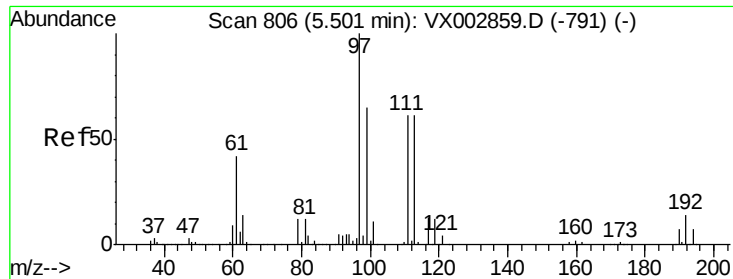
MMDadoda
6/28/2018 12:00:00 PM



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion: 56 Resp: 5253
Ion Ratio Lower Upper
56 100
69 30.0 23.7 35.5
84 94.0 64.1 96.1





#32

1,1,1-Trichloroethane

Concen: 1.02 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

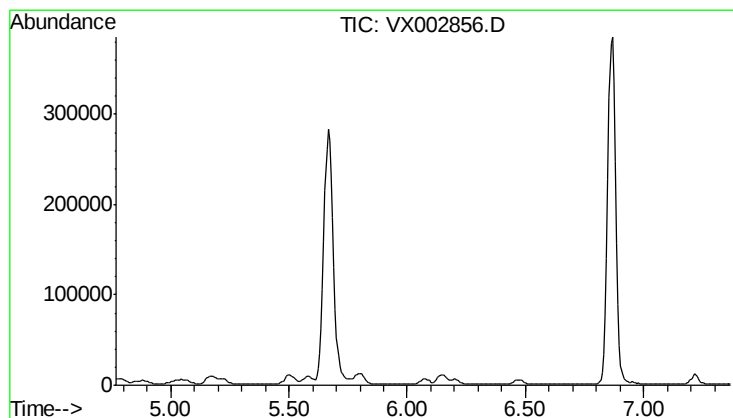
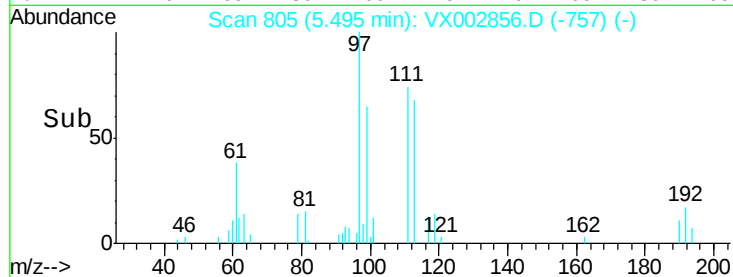
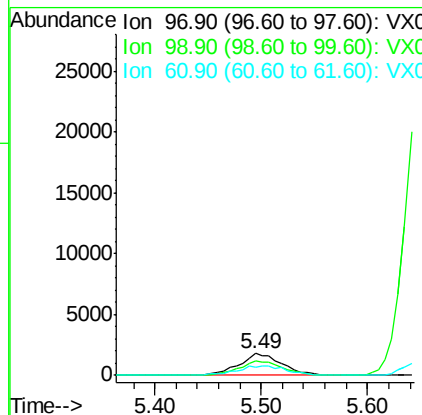
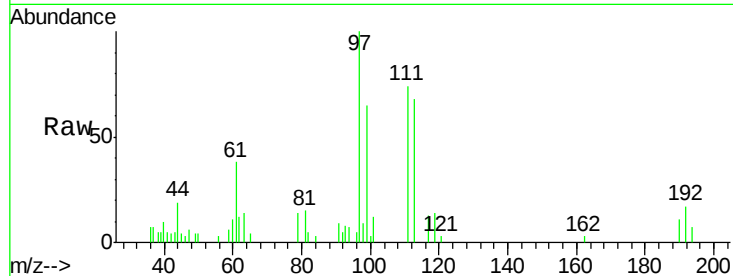
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		5083		
99	0.0	51.6		77.4#	
61	47.8	36.4		54.6	

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#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 6.07 min

Lab File: VX002856.D

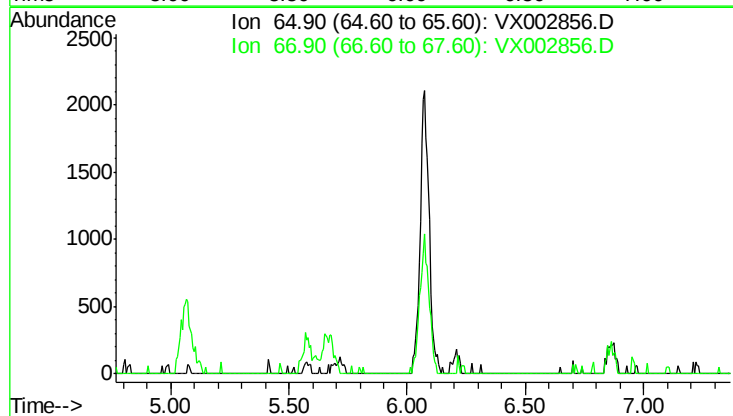
Acq: 25 Jun 2018 10:55

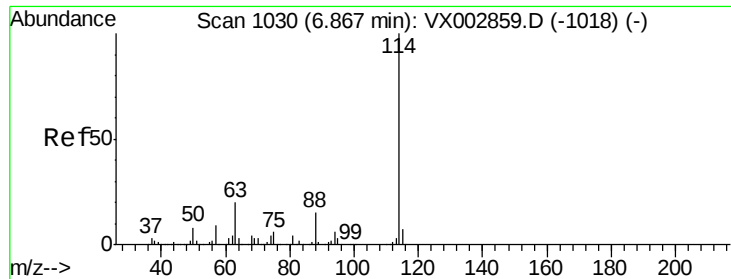
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.3





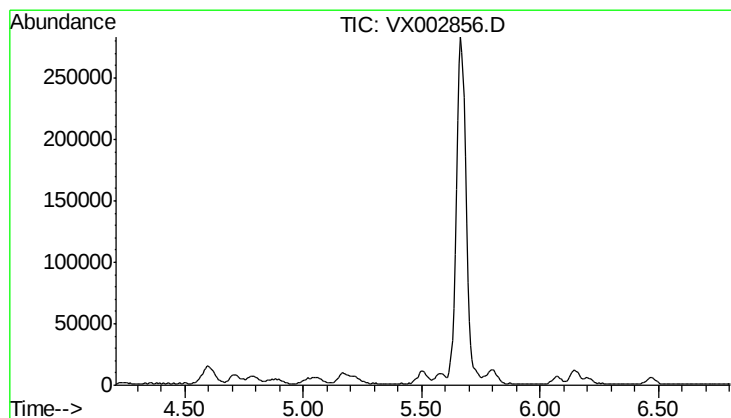
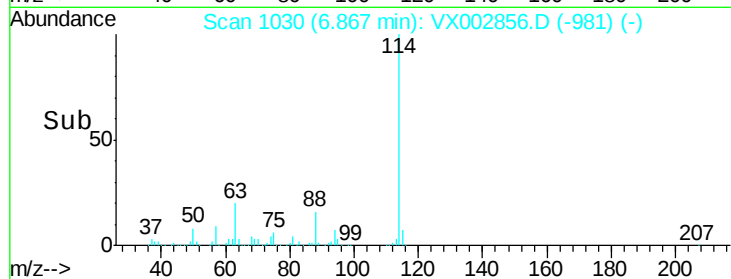
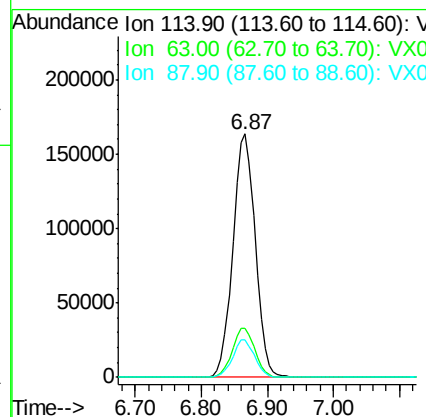
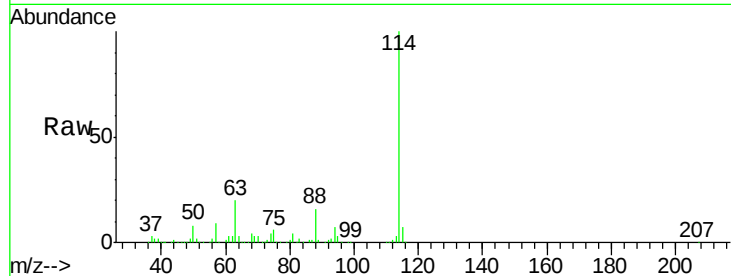
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.2	0.0	41.4
88	15.5	0.0	30.0

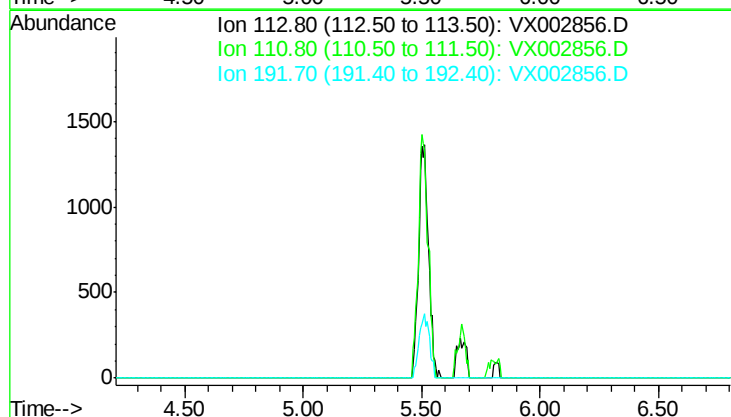
Manual Integrations
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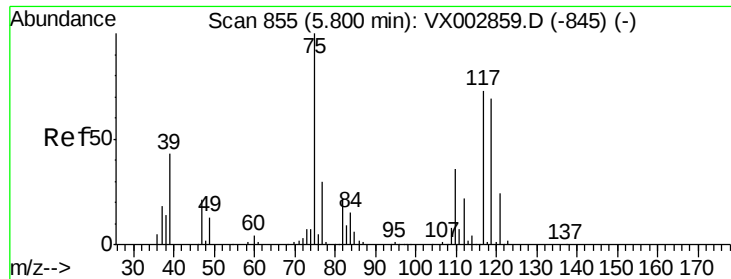
MMDadoda
 6/28/2018 12:00:00 PM



#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 5.51 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Tgt Ion	Exp Ratio
113	100
111	101.7
192	23.9





#36

1,1-Dichloropropene

Concen: 1.11 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

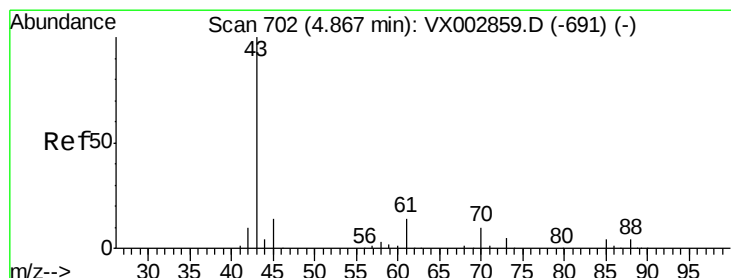
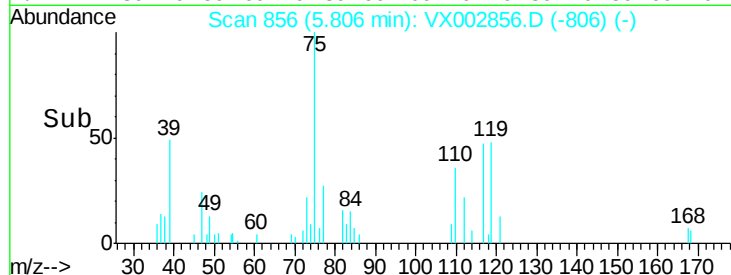
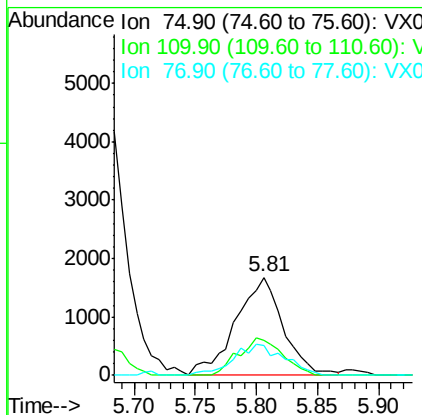
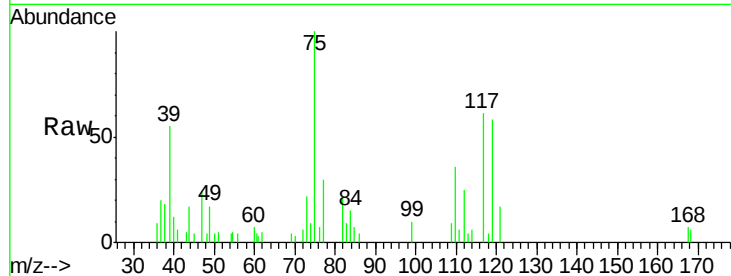
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	4541
Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.1	54.4
77	33.7	24.3	36.5

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#37

Ethyl Acetate

Concen: 0.93 ug/l

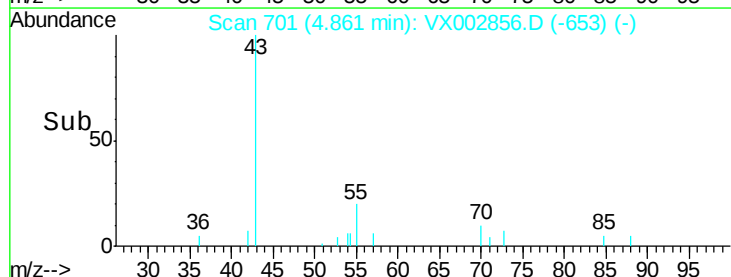
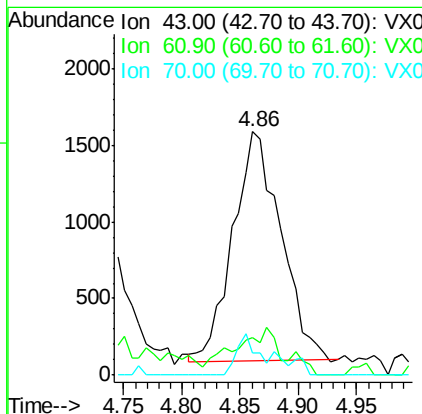
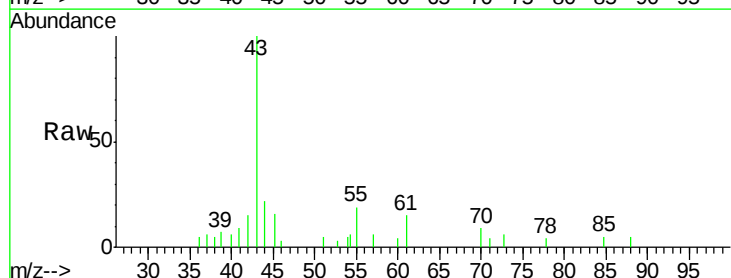
RT: 4.86 min Scan# 701

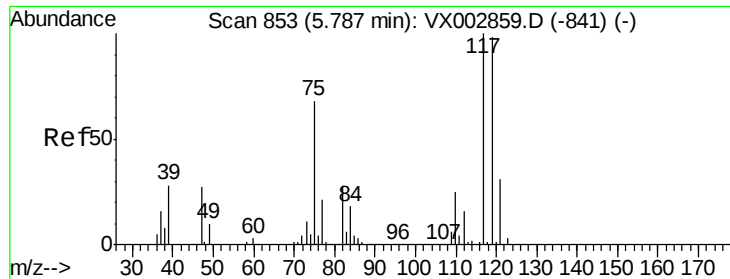
Delta R.T. -0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tgt Ion:	43	Resp:	4278
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	7.8	7.6	11.4





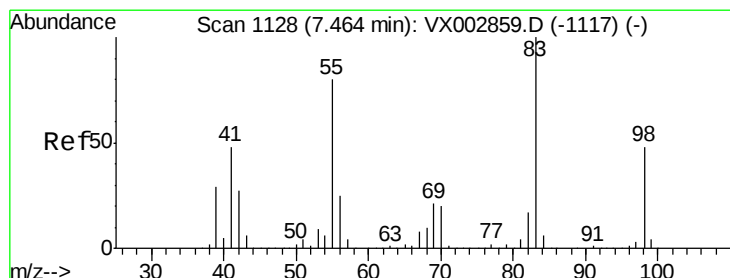
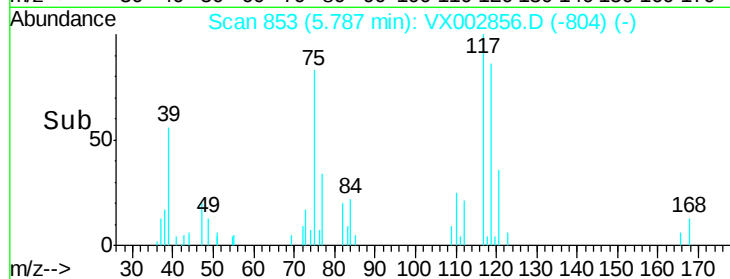
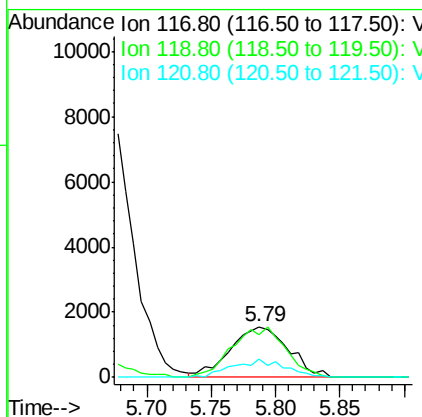
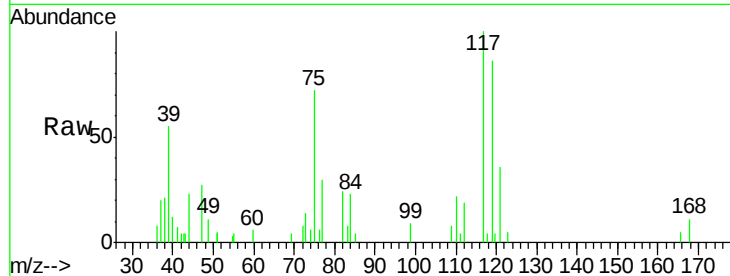
#38
Carbon Tetrachloride
Concen: 1.20 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	85.6	77.4	116.0
121	36.3	24.4	36.6

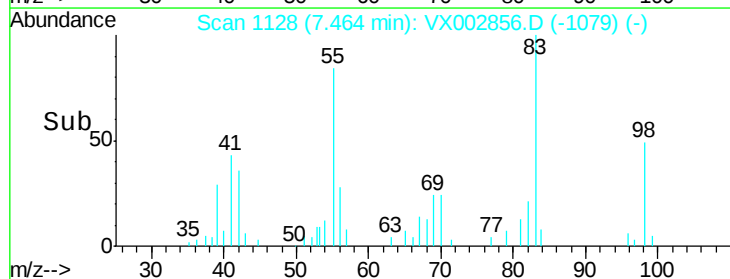
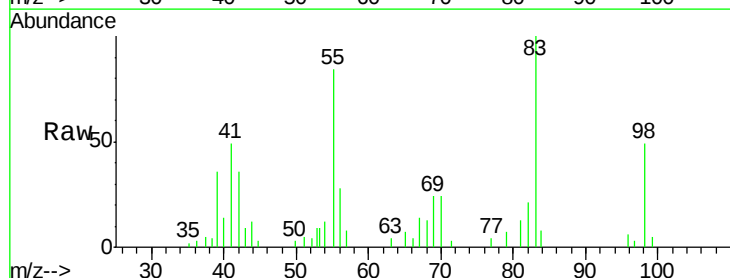
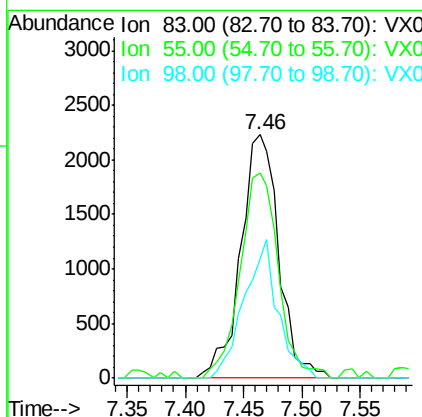
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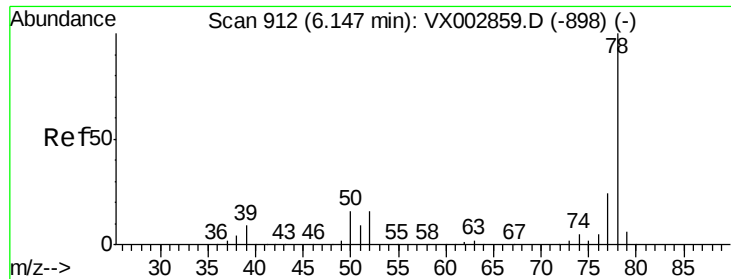
MMDadoda
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#39
Methylcyclohexane
Concen: 1.07 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.2	65.4	98.0
98	49.0	37.4	56.0





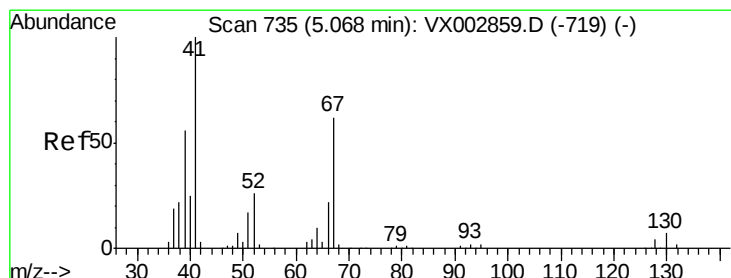
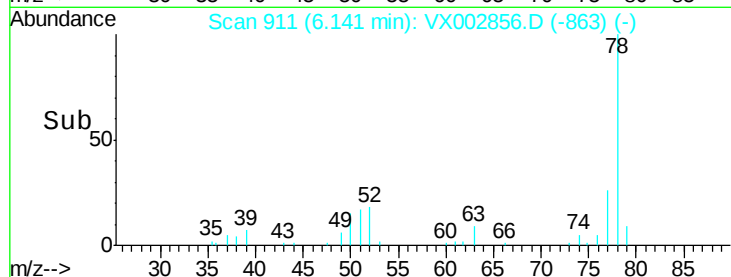
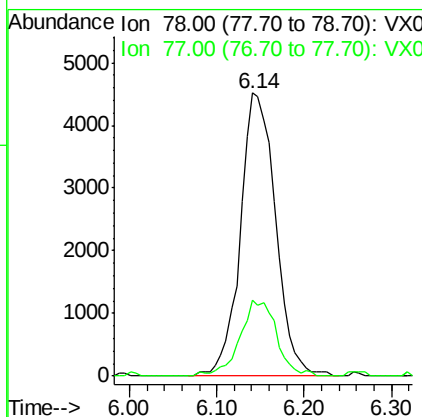
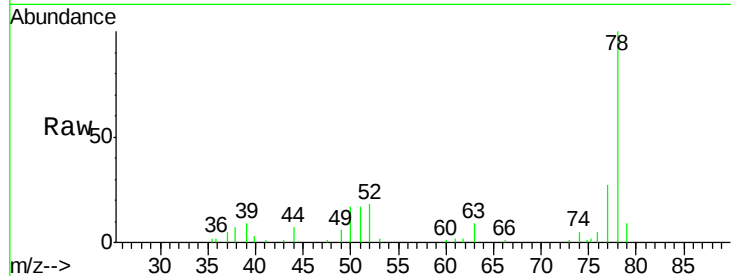
#40
Benzene
Concen: 1.04 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 78 Resp: 12679
Ion Ratio Lower Upper
78 100
77 26.9 19.1 28.7

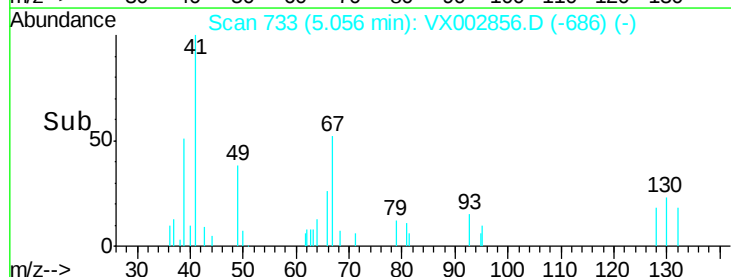
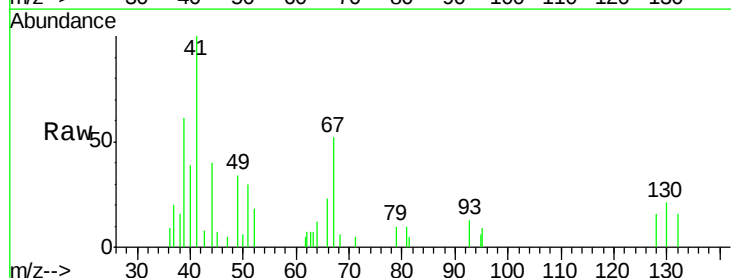
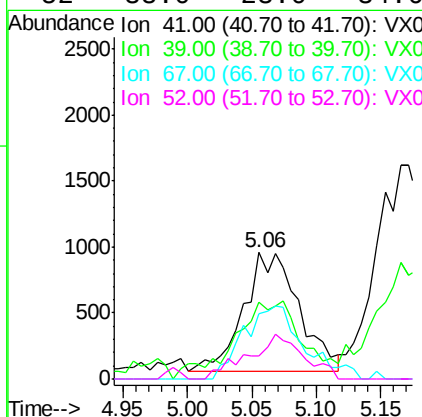
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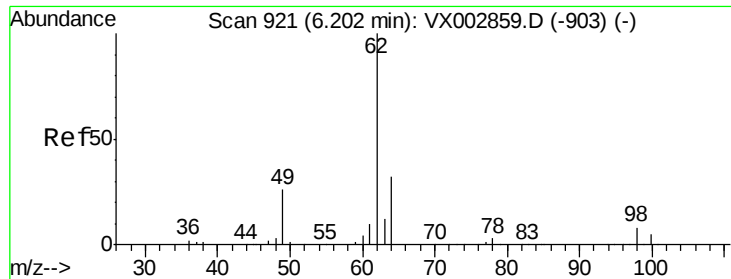
MMDadoda
6/28/2018 12:00:00 PM



#41
Methacrylonitrile
Concen: 1.02 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion: 41 Resp: 2660
Ion Ratio Lower Upper
41 100
39 81.4 45.8 68.6#
67 67.7 51.3 76.9
52 38.0 23.0 34.6#





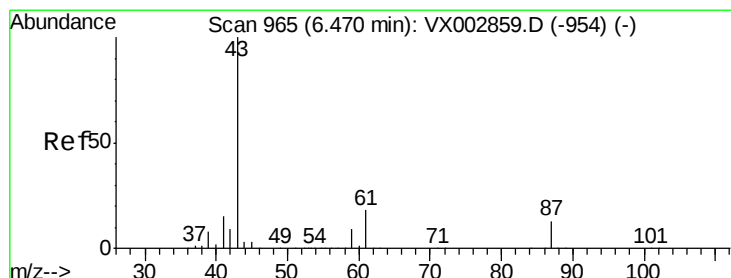
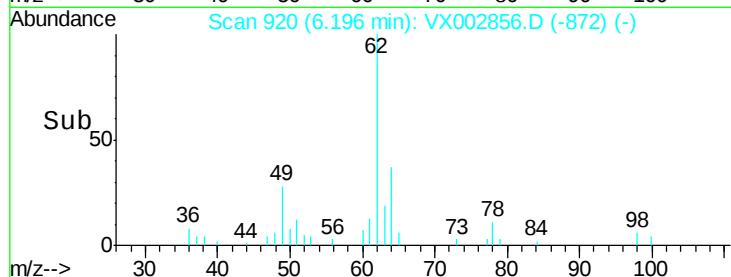
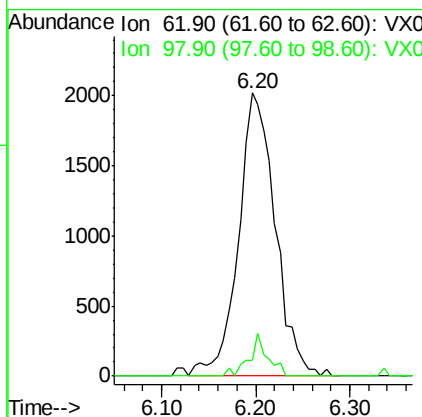
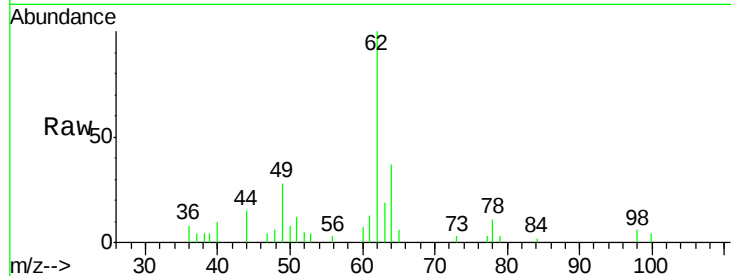
#42
 1,2-Dichloroethane
 Concen: 1.16 ug/l
 RT: 6.20 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	16.6

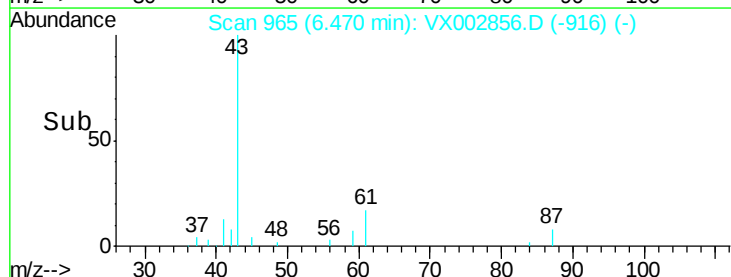
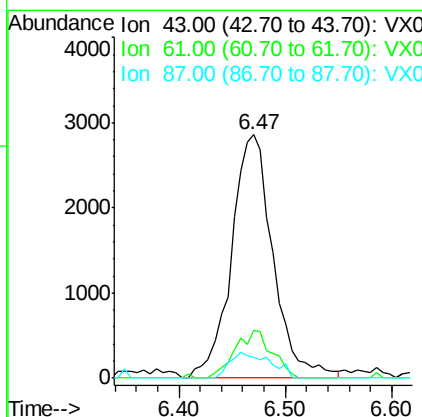
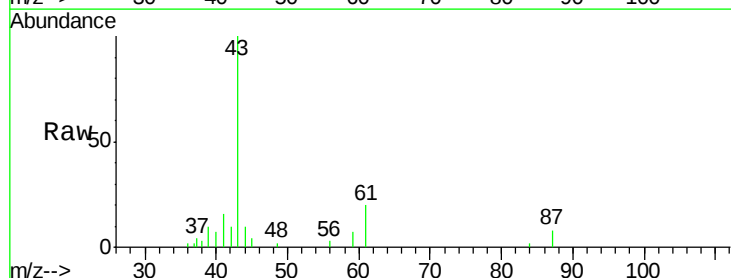
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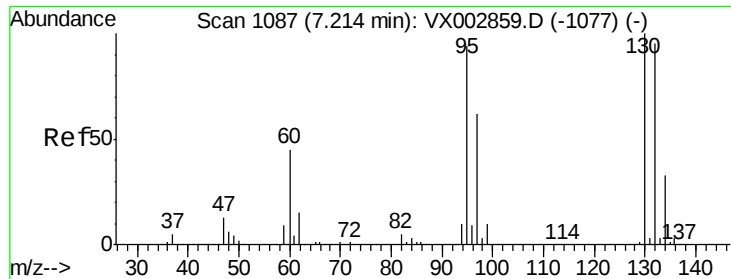
MMDadoda
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#43
 Isopropyl Acetate
 Concen: 1.02 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.4	21.6
87	10.2	9.5	14.3





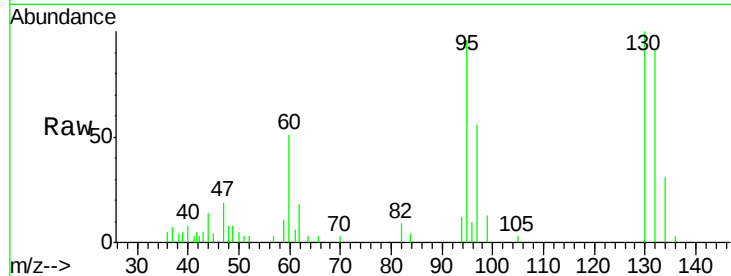
#44
 Trichloroethene
 Concen: 1.13 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

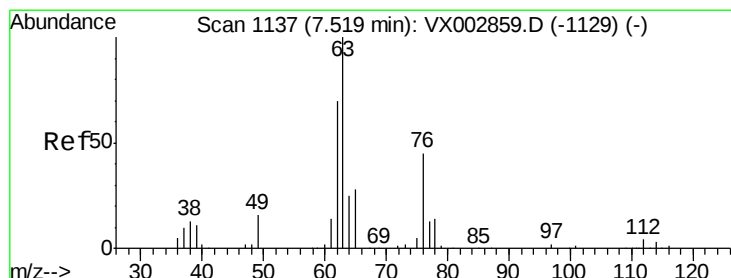
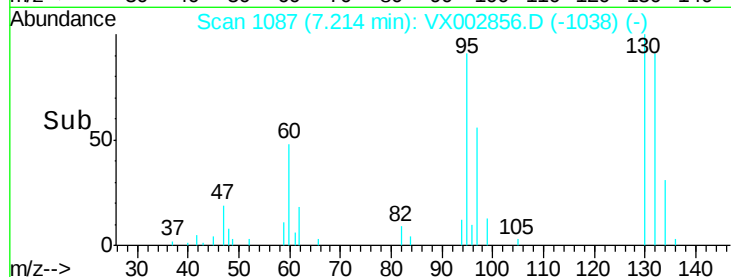
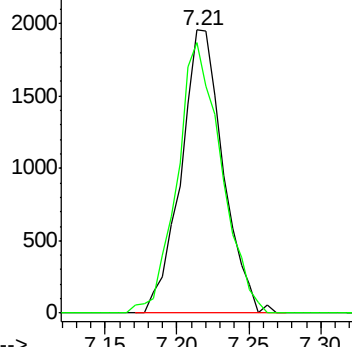
Tot Ion:130 Resp: 3979
 Ion Ratio Lower Upper
 130 100
 95 95.7 0.0 185.4

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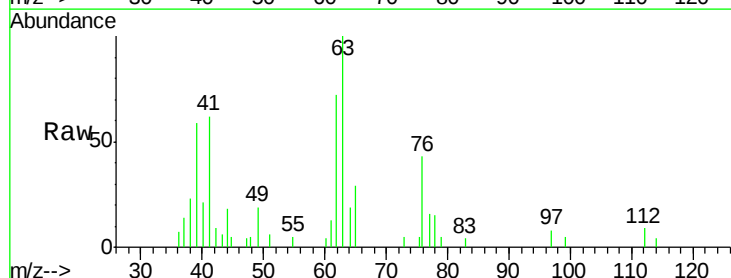


Abundance Ion 129.80 (129.50 to 130.50): V

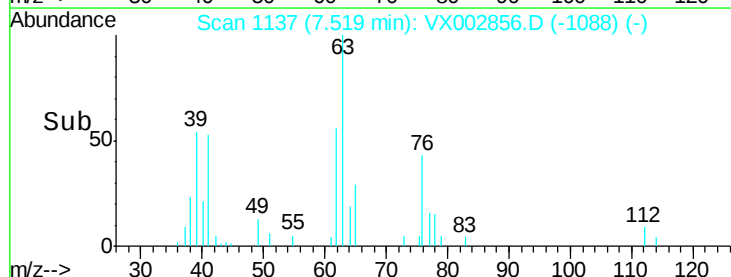
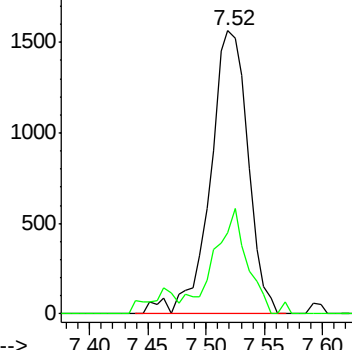


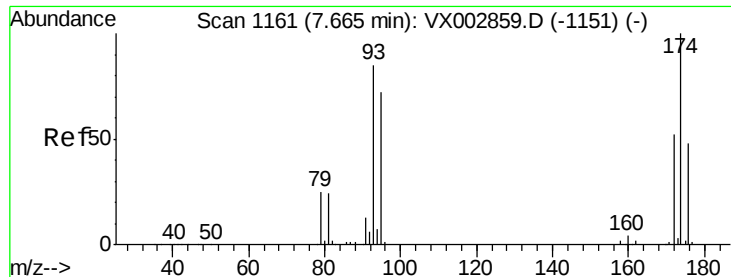
#45
 1,2-Dichloropropane
 Concen: 1.10 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Tgt Ion: 63 Resp: 3528
 Ion Ratio Lower Upper
 63 100
 65 24.4 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0





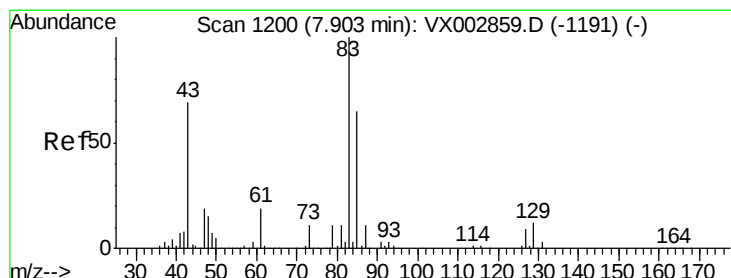
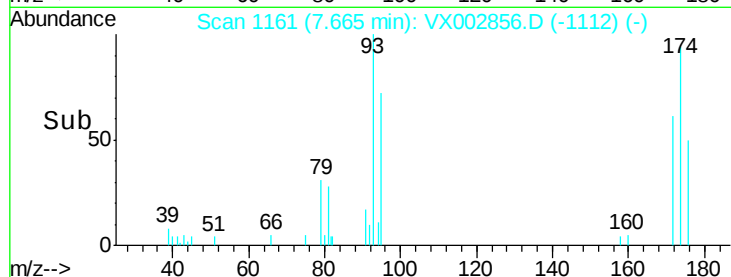
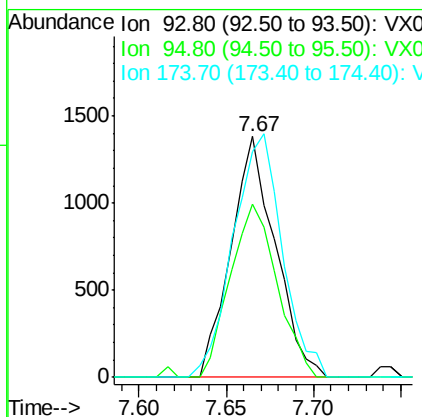
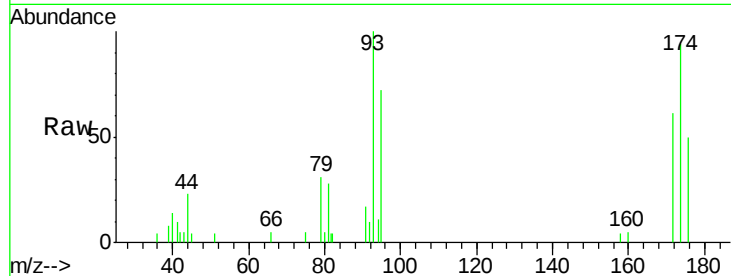
#46
Dibromomethane
Concen: 1.13 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	76.1	65.9	98.9
174	111.9	92.4	138.6

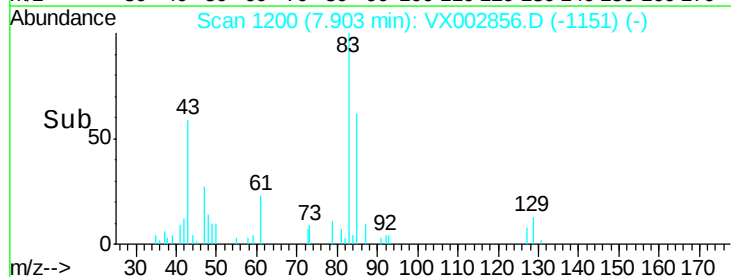
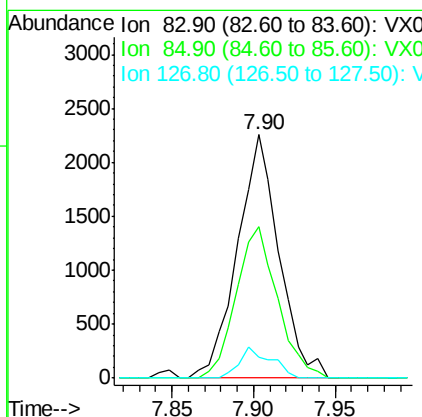
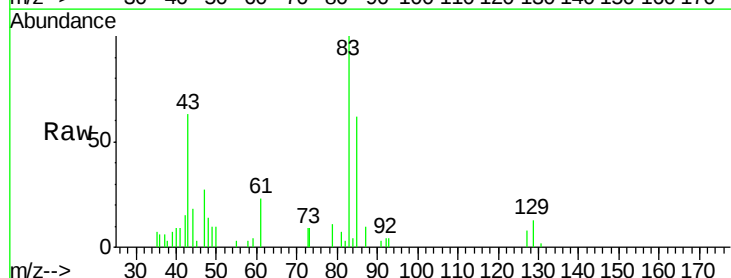
Manual Integrations
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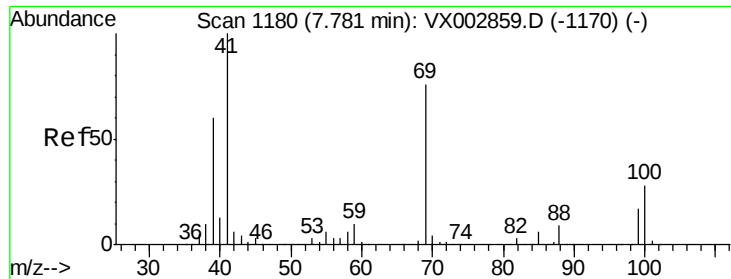
MMDadoda
6/28/2018 12:00:00 PM



#47
Bromodichloromethane
Concen: 1.05 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.3	75.5
127	8.3	7.0	10.4





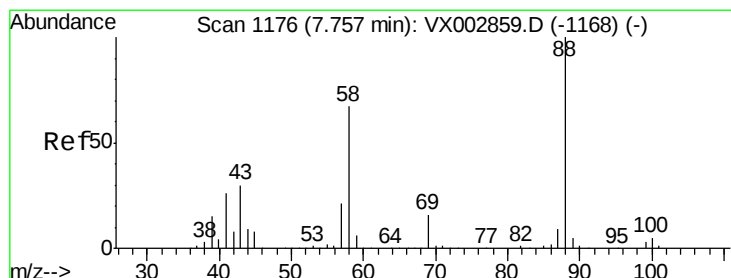
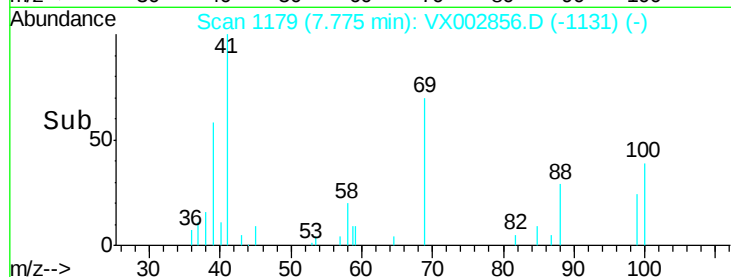
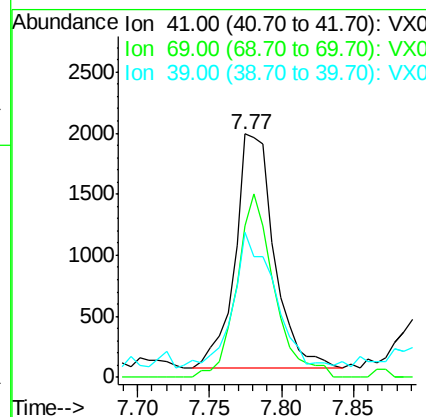
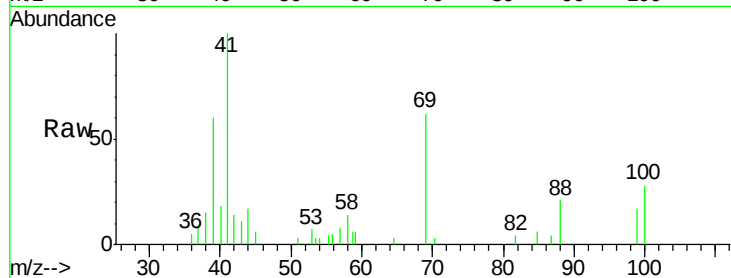
#48
Methyl methacrylate
Concen: 0.93 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	74.4	59.1	88.7
39	62.3	48.9	73.3

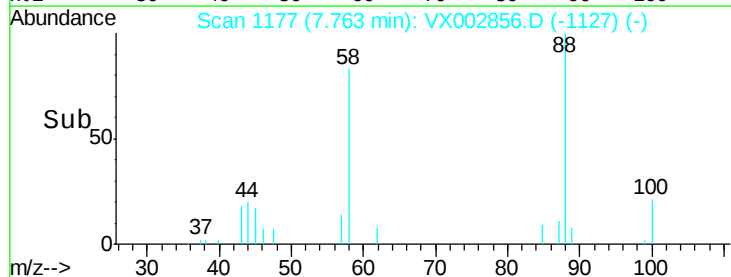
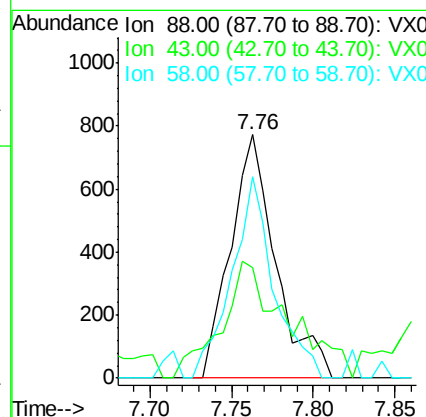
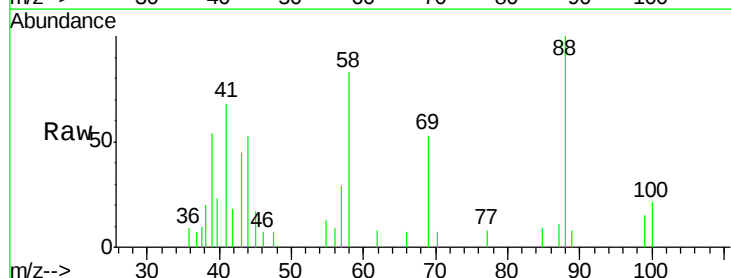
Manual Integrations
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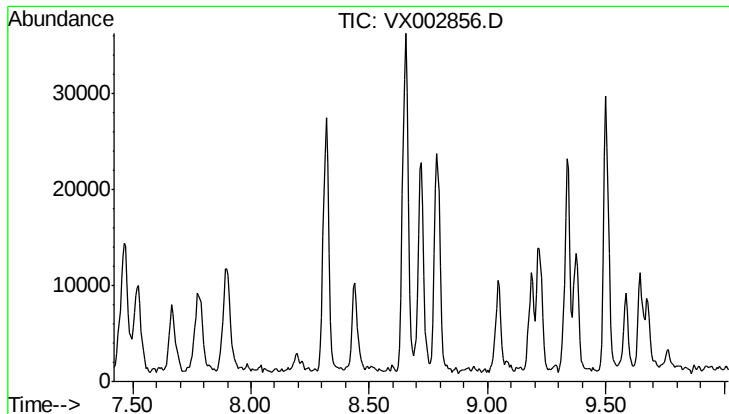
MMDadoda
6/28/2018 12:00:00 PM



#49
1,4-Dioxane
Concen: 20.10 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion	Ratio	Lower	Upper
88	100		
43	70.3	29.8	44.6#
58	76.9	57.1	85.7





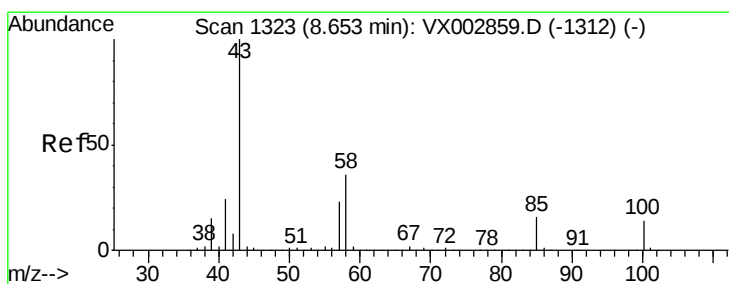
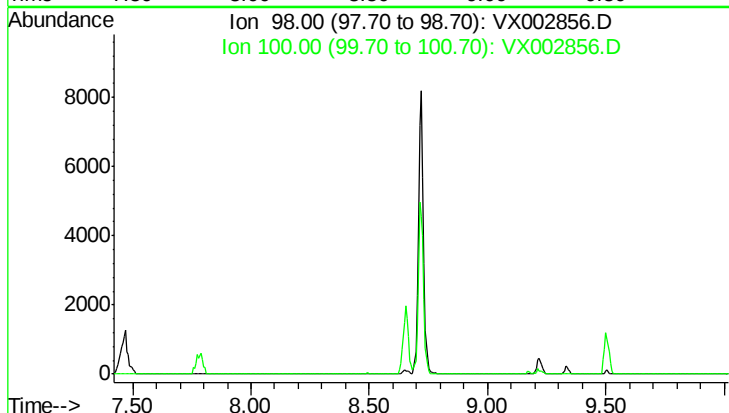
#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 8.72 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.6

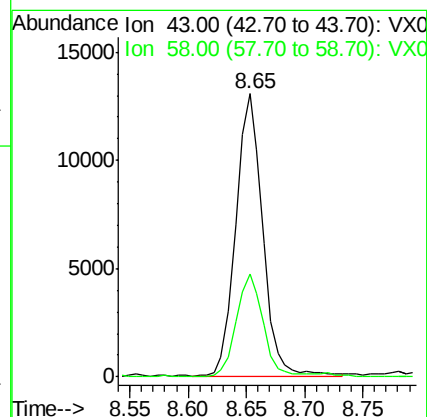
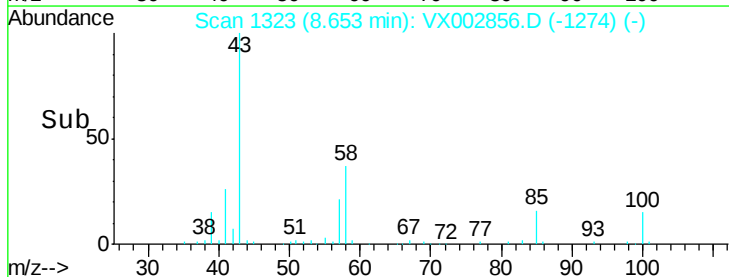
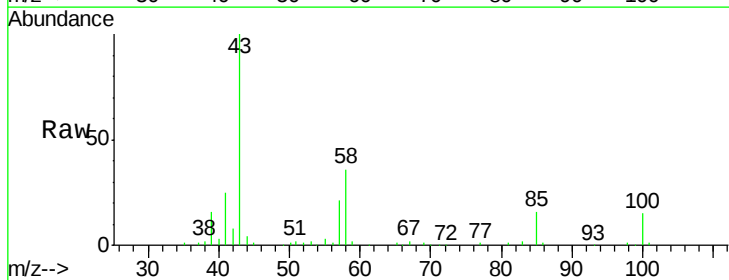
Manual Integrations
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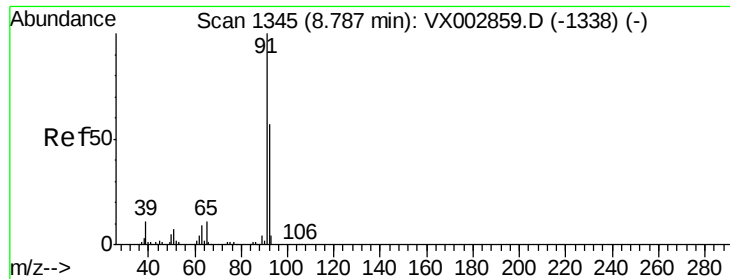
MMDadoda
6/28/2018 12:00:00 PM



#51
4-Methyl-2-Pentanone
Concen: 4.25 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion: 43 Resp: 20856
Ion Ratio Lower Upper
43 100
58 36.6 28.6 42.8





#52

Toluene

Concen: 0.99 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 7744

Ion Ratio Lower Upper

92 100

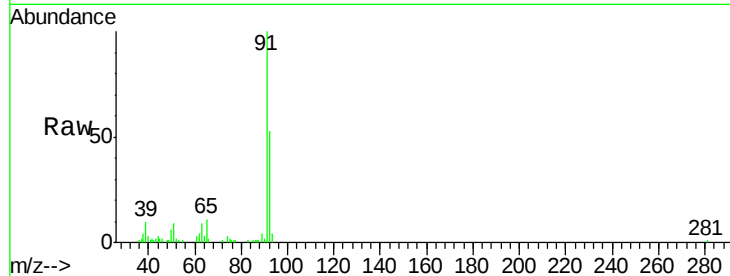
91 175.5 140.4 210.6

Manual Integrations

APPROVED

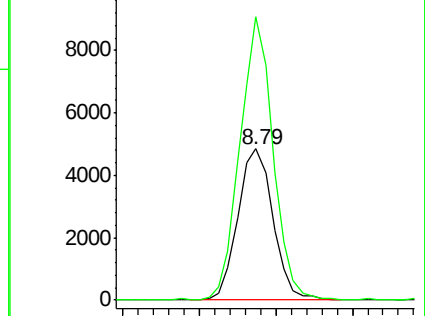
MMDadoda

6/28/2018 12:00:00 PM

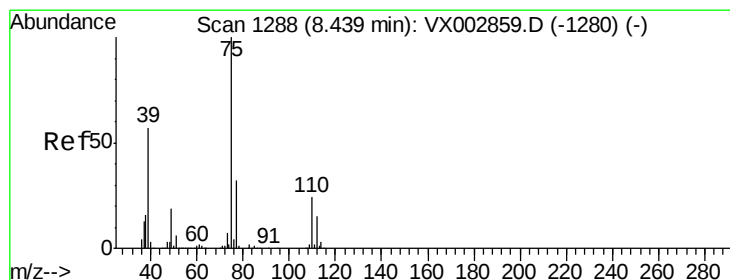
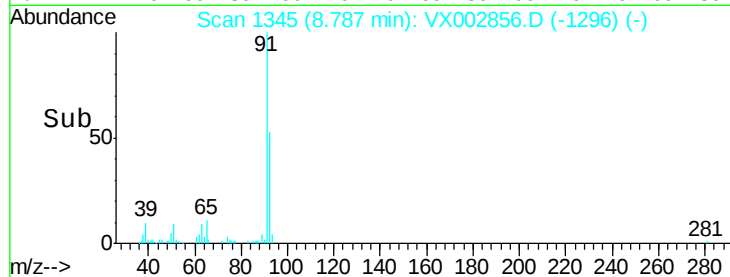


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#53

t-1,3-Dichloropropene

Concen: 0.88 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002856.D

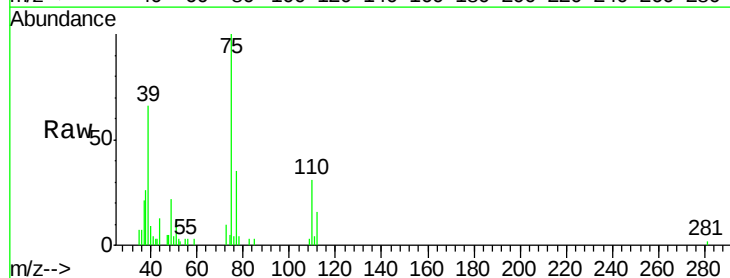
Acq: 25 Jun 2018 10:55

Tgt Ion: 75 Resp: 3927

Ion Ratio Lower Upper

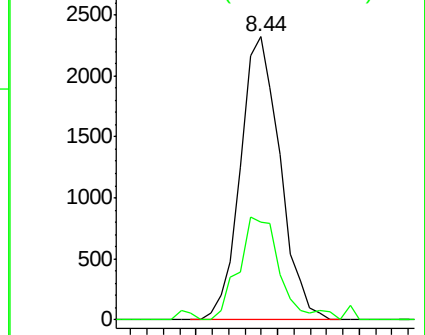
75 100

77 34.5 25.4 38.2

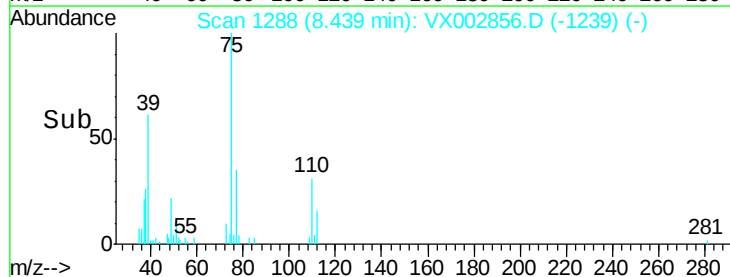


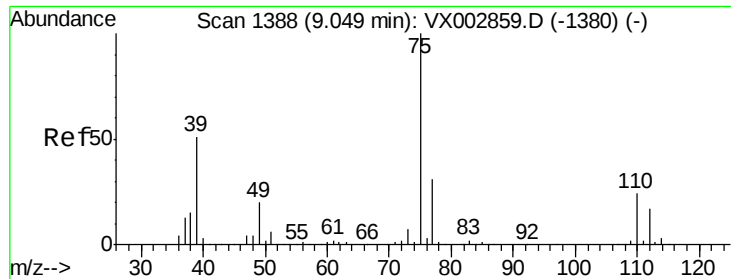
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->





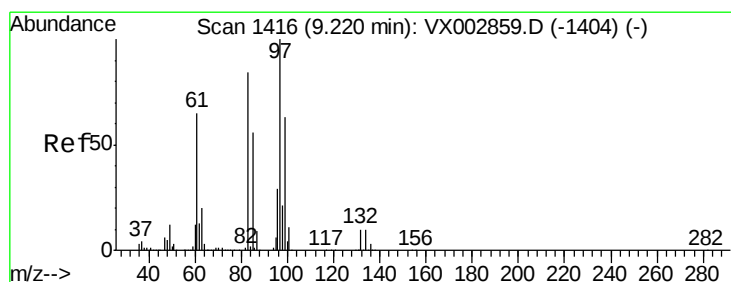
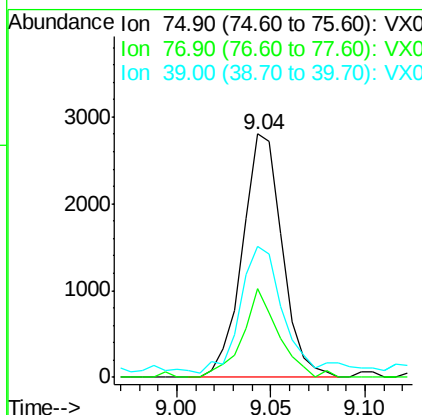
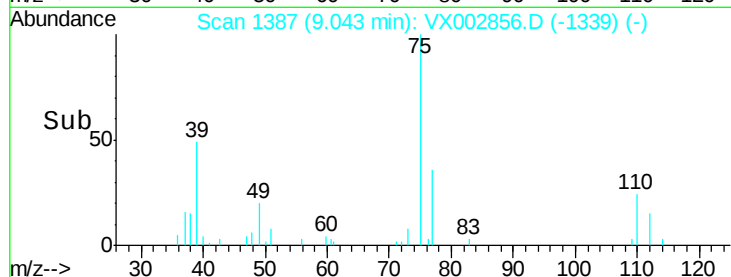
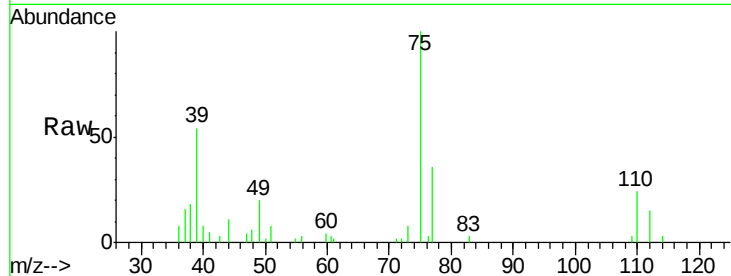
#54
 cis-1,3-Dichloropropene
 Concen: 0.99 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	36.5	24.8	37.2
39	50.6	42.4	63.6

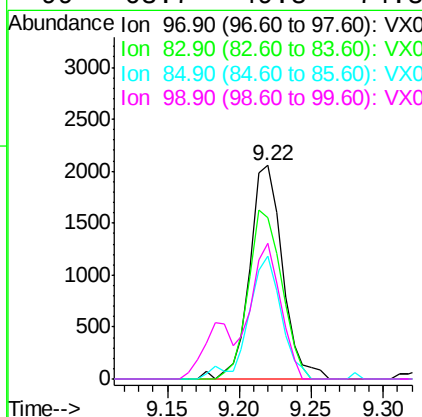
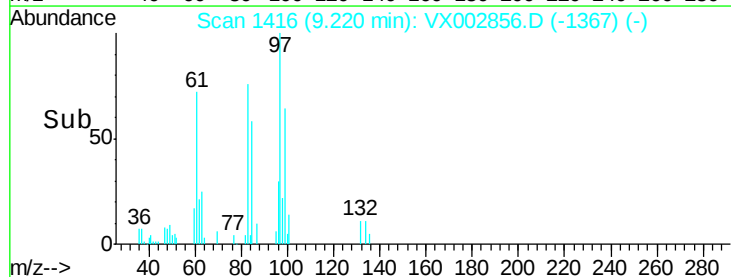
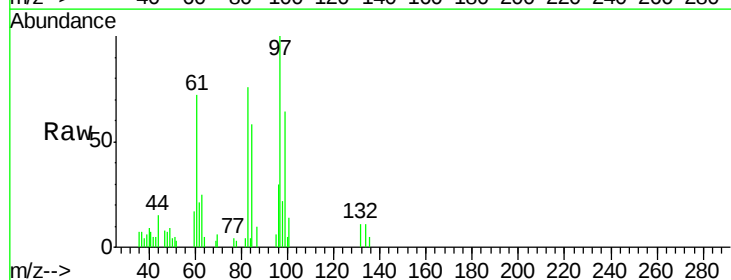
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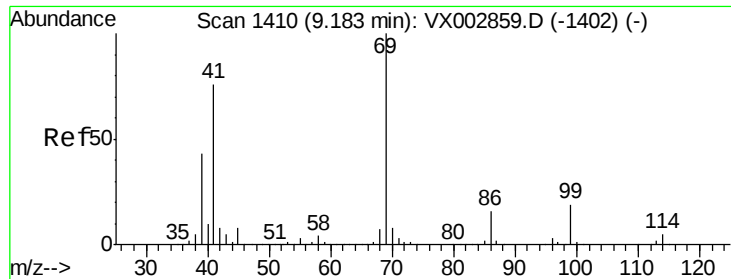
MMDadoda
 6/28/2018 12:00:00 PM



#55
 1,1,2-Trichloroethane
 Concen: 1.02 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Tgt Ion	Ratio	Lower	Upper
97	100		
83	75.8	70.2	105.2
85	57.8	44.9	67.3
99	63.7	49.8	74.8





#56

Ethyl methacrylate

Concen: 0.83 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

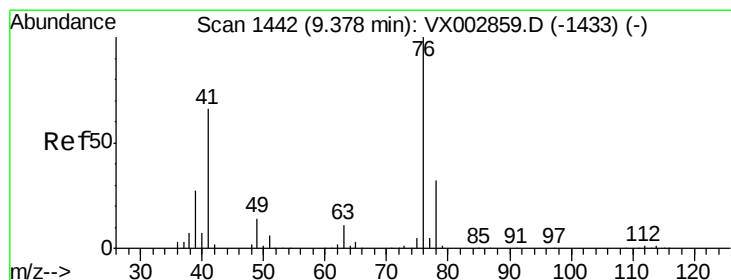
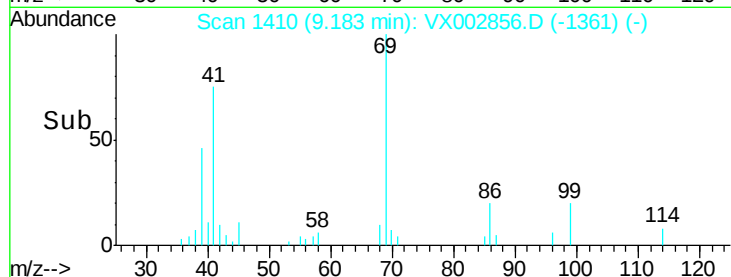
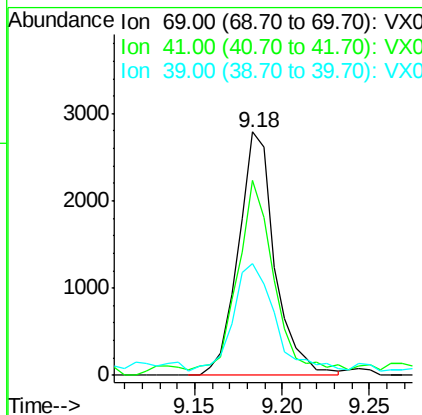
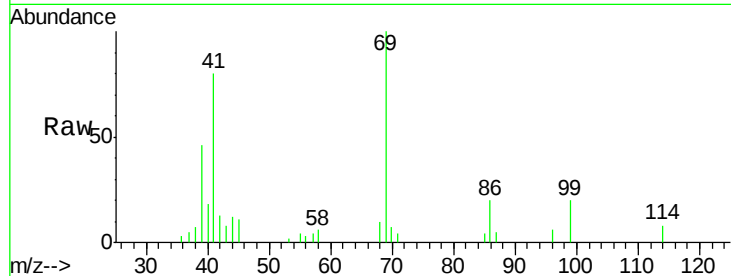
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	4038
Ion	Ratio	Lower	Upper
69	100		
41	75.0	60.3	90.5
39	49.9	35.8	53.8

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6/28/2018 12:00:00 PM



#57

1,3-Dichloropropane

Concen: 1.00 ug/l

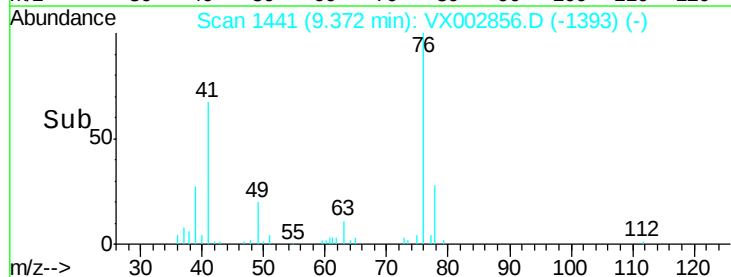
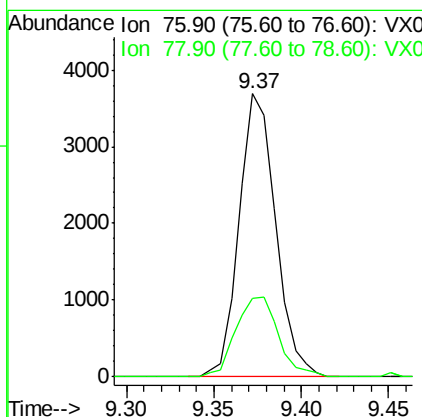
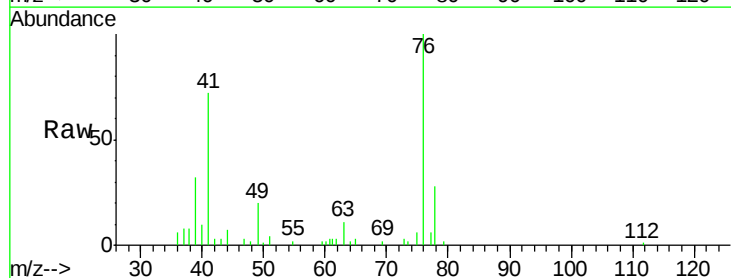
RT: 9.37 min Scan# 1441

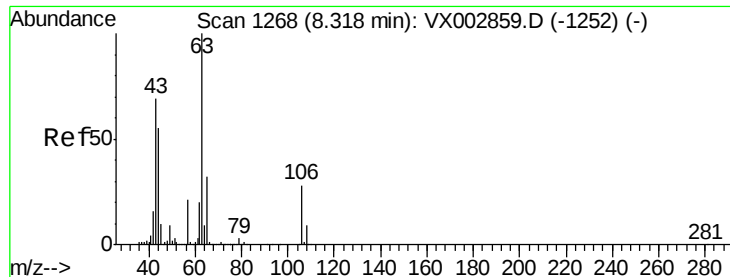
Delta R.T. -0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tgt Ion:	76	Resp:	5355
Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.8	38.6





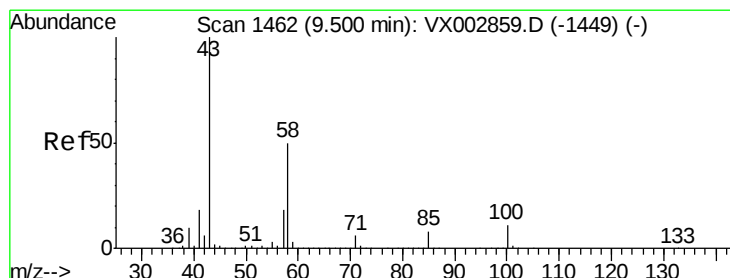
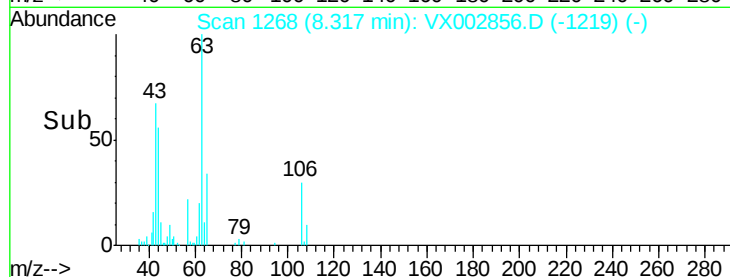
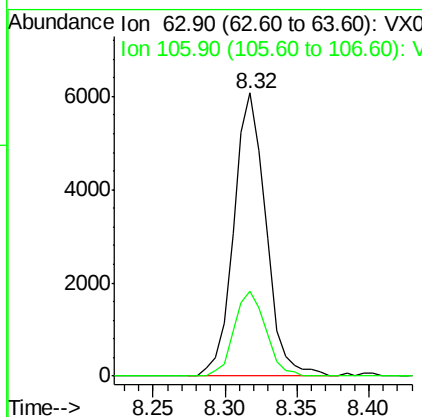
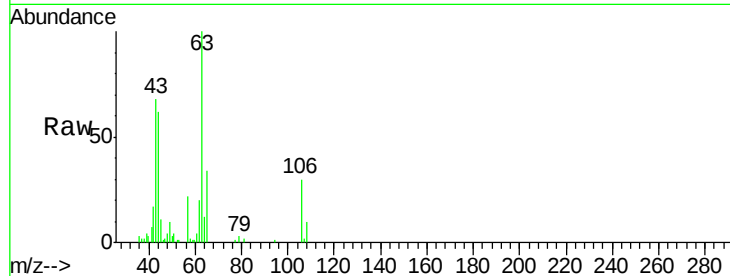
#58
2-Chloroethyl Vinyl ether
Concen: 4.04 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 9474
Ion Ratio Lower Upper
63 100
106 29.4 21.8 32.8

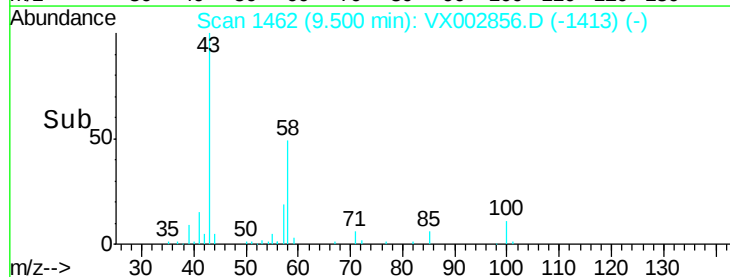
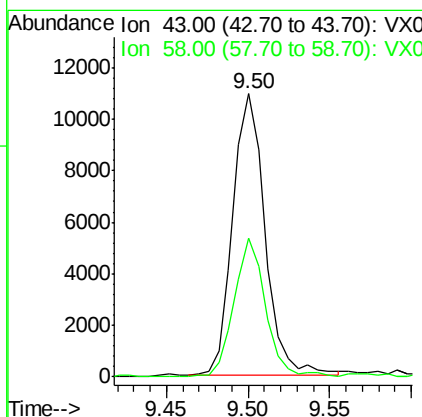
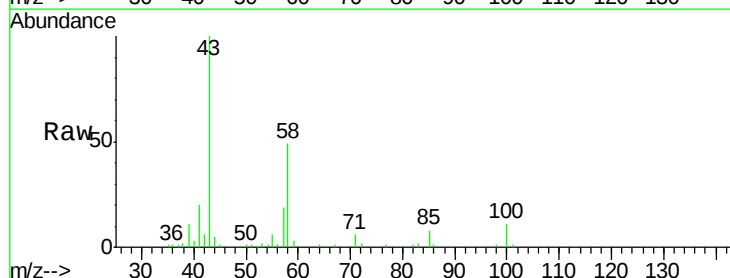
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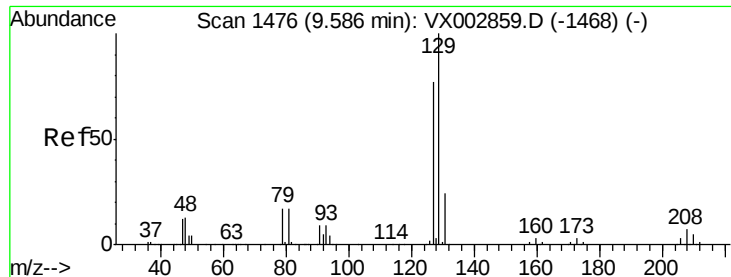
MMDadoda
6/28/2018 12:00:00 PM



#59
2-Hexanone
Concen: 4.07 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion: 43 Resp: 15076
Ion Ratio Lower Upper
43 100
58 48.2 24.6 73.6





#60

Dibromochloromethane

Concen: 0.95 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2890

Ion Ratio Lower Upper

129 100

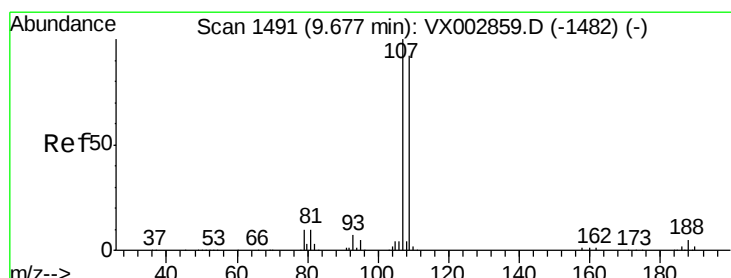
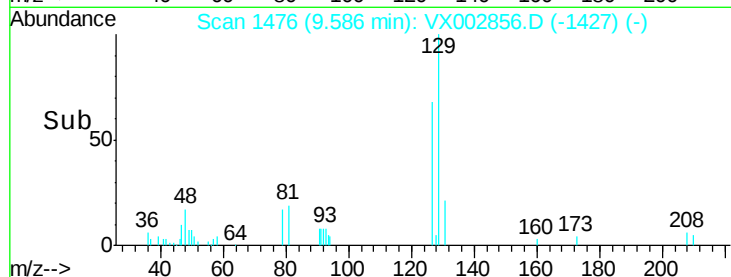
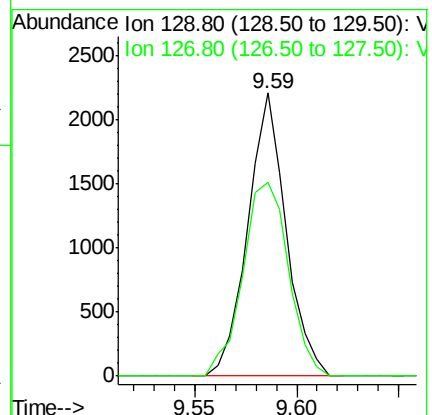
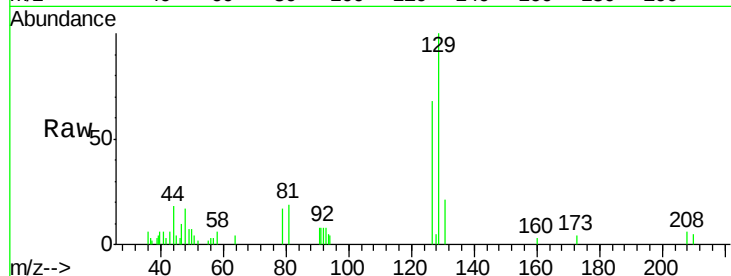
127 81.4 38.5 115.3

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 1.00 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002856.D

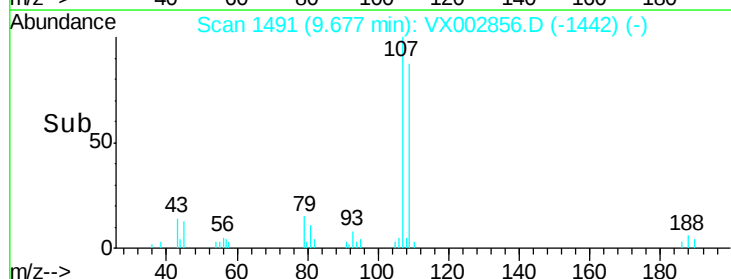
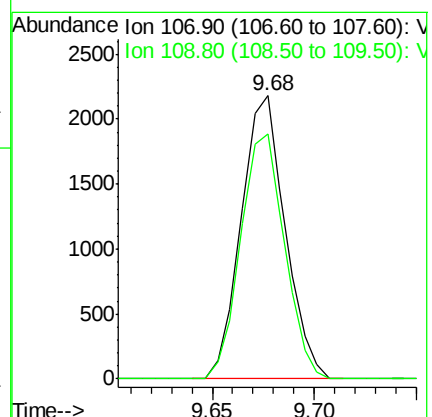
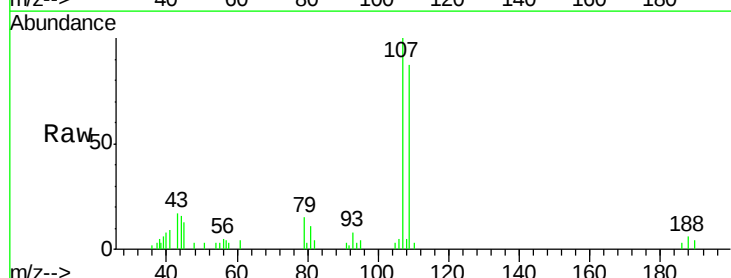
Acq: 25 Jun 2018 10:55

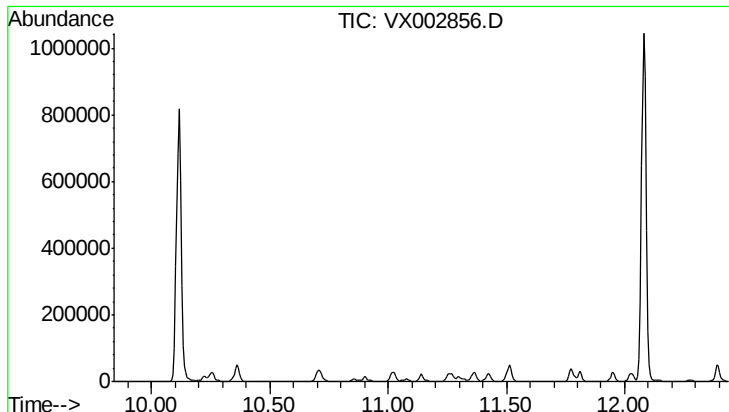
Tgt Ion:107 Resp: 3260

Ion Ratio Lower Upper

107 100

109 86.4 75.3 112.9





#62

4-Bromofluorobenzene

Concen: 0.00 ug/l

Expected RT: 11.14 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tot Ion: 95

Sig Exp Ratio

95 100

174 93.7

176 90.5

Instrument :

MSVOA_X

ClientSampleId :

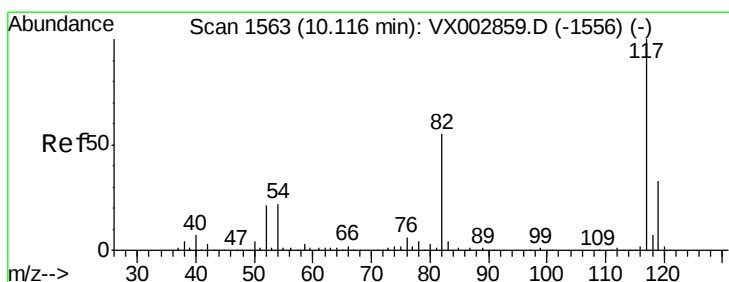
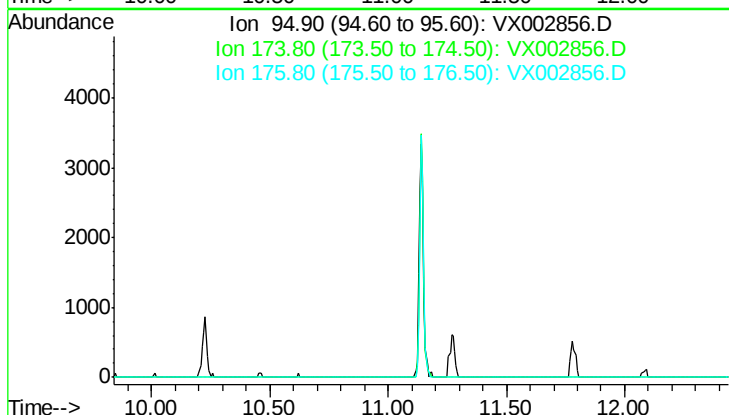
VSTDIC001

Manual Integrations

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6/28/2018 12:00:00 PM



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

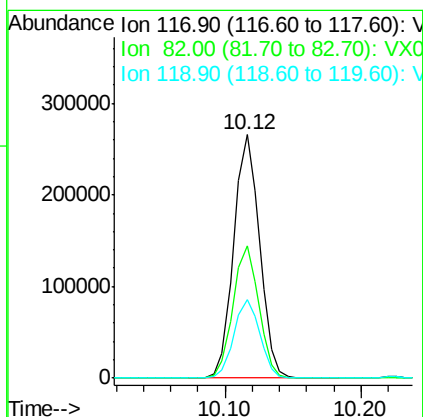
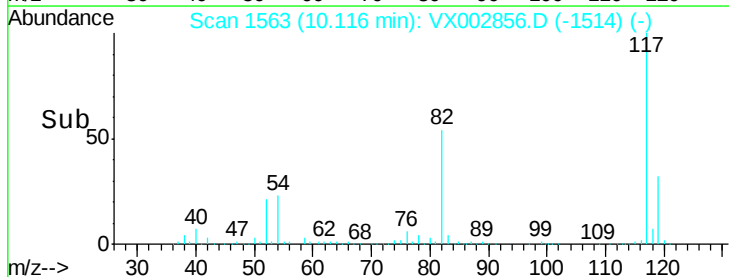
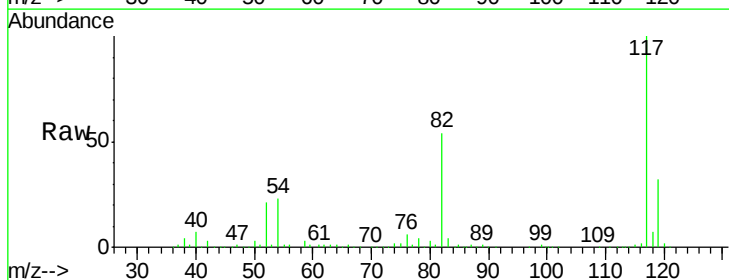
Tgt Ion:117 Resp: 351623

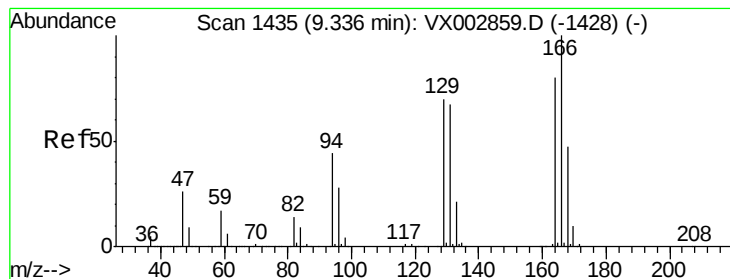
Ion Ratio Lower Upper

117 100

82 54.2 45.0 67.4

119 32.3 25.8 38.6





#64

Tetrachloroethene

Concen: 1.12 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

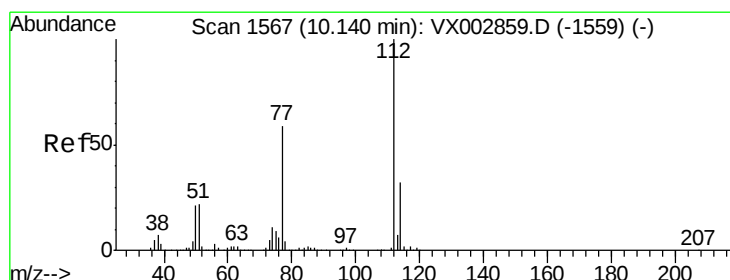
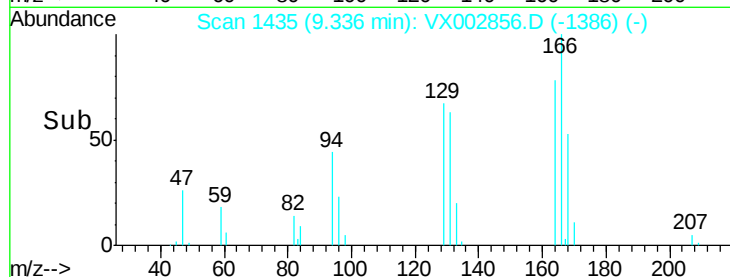
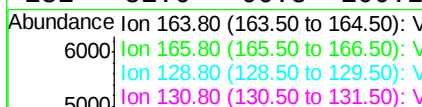
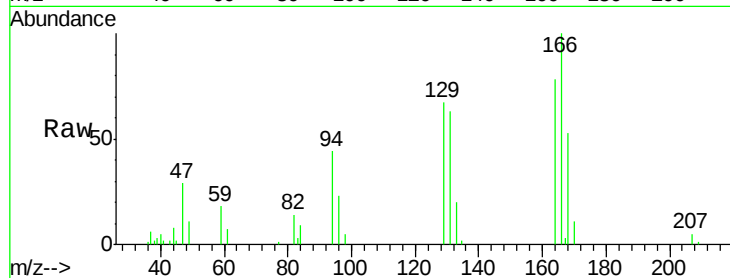
ClientSampleId :

VSTDIC001

Tot Ion:	164	Resp:	4365
Ion	Ratio	Lower	Upper
164	100		
166	128.7	102.9	154.3
129	85.8	68.6	102.8
131	81.6	66.8	100.2

Manual Integrations
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6/28/2018 12:00:00 PM



#65

Chlorobenzene

Concen: 1.12 ug/l

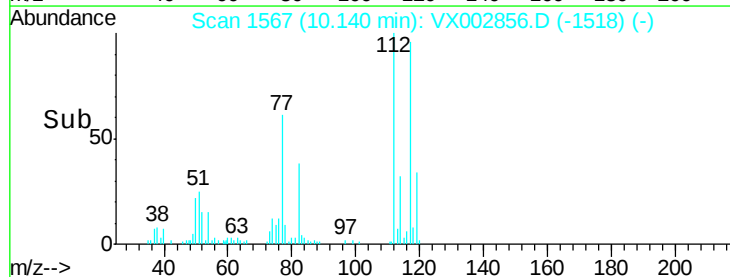
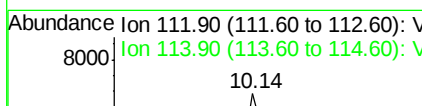
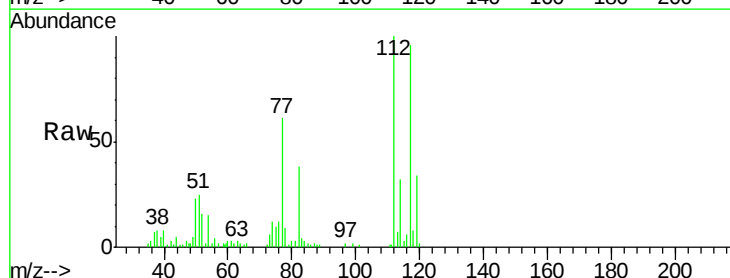
RT: 10.14 min Scan# 1567

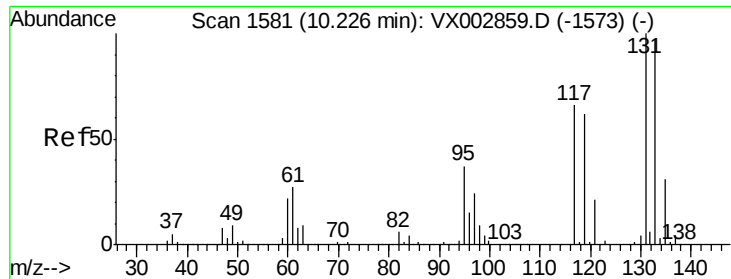
Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tgt Ion:	112	Resp:	9695
Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 1.08 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

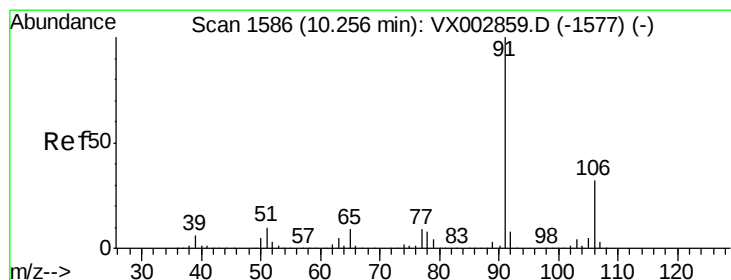
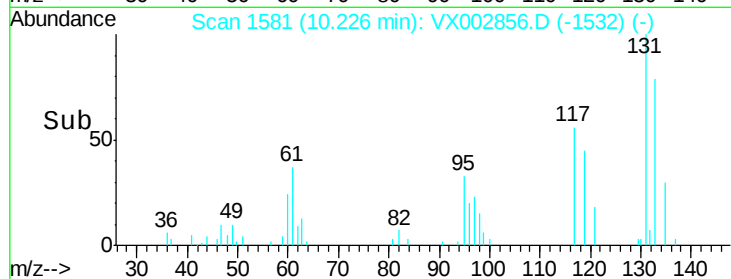
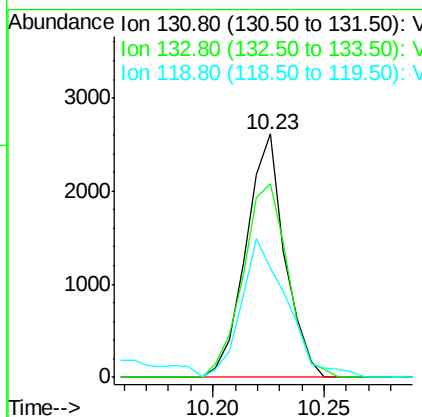
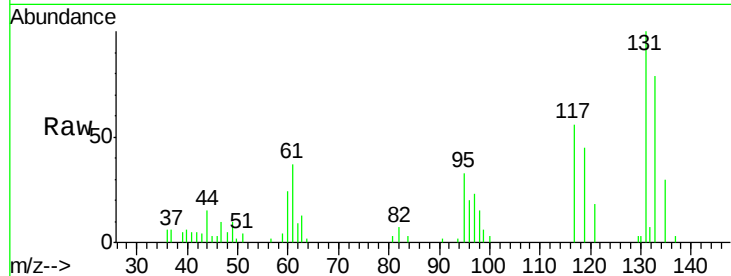
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	92.0	47.9	143.6
119	0.0	31.8	95.3#

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#67

Ethyl Benzene

Concen: 1.00 ug/l

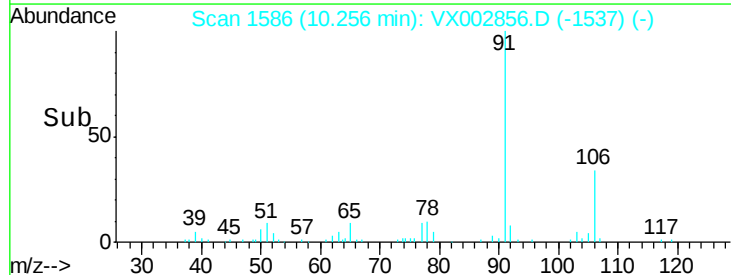
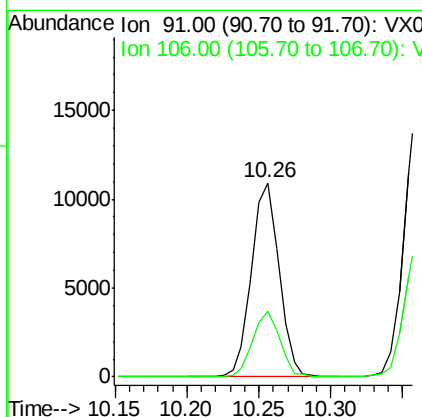
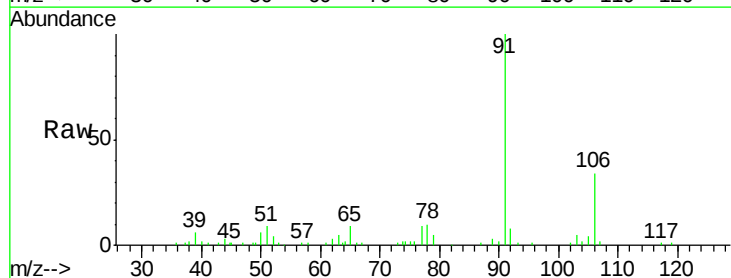
RT: 10.26 min Scan# 1586

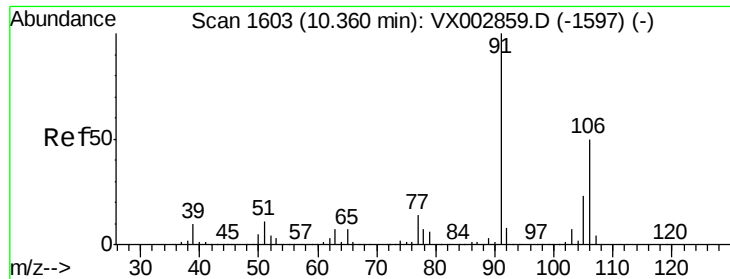
Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	34.2	25.5	38.3





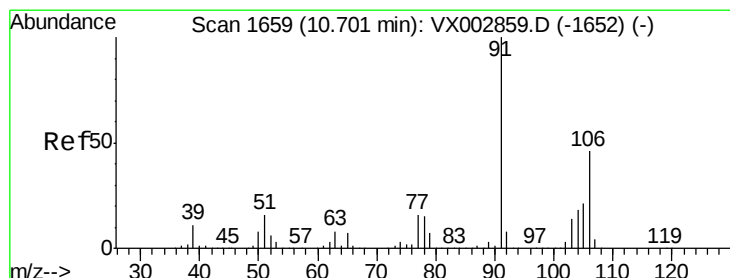
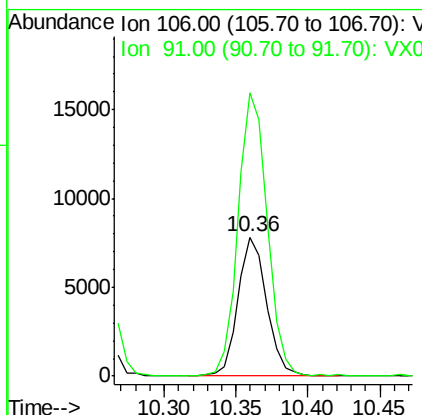
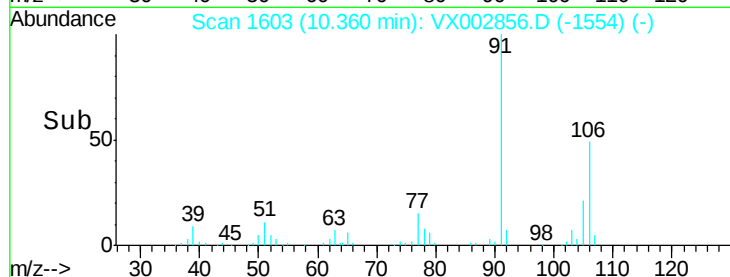
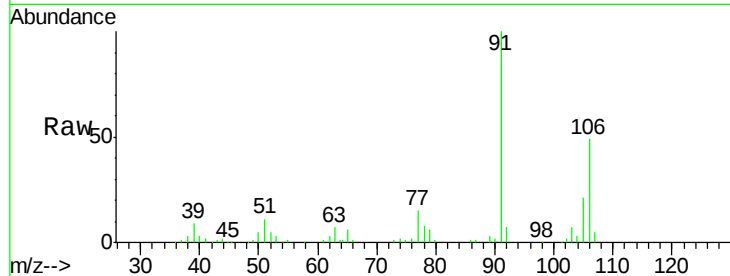
#68
m/p-Xylenes
Concen: 1.93 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 10836
Ion Ratio Lower Upper
106 100
91 205.8 163.4 245.2

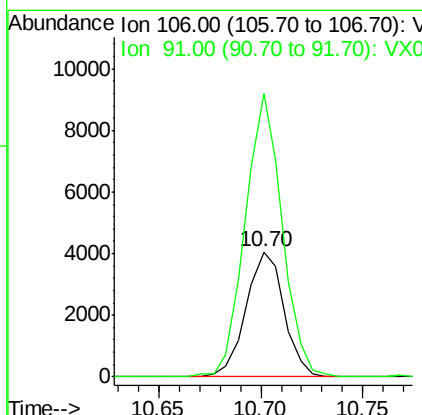
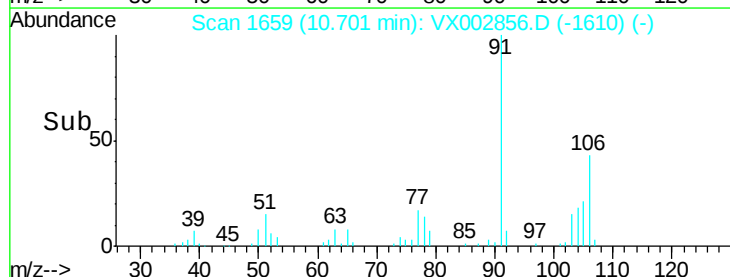
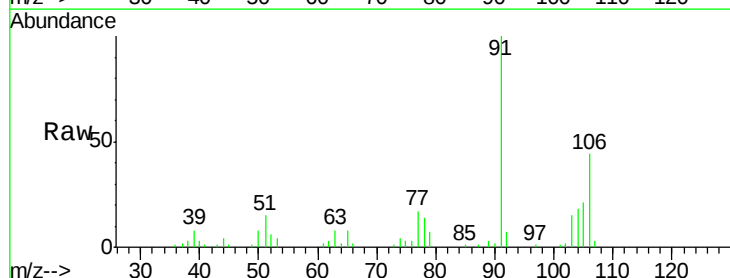
Manual Integrations
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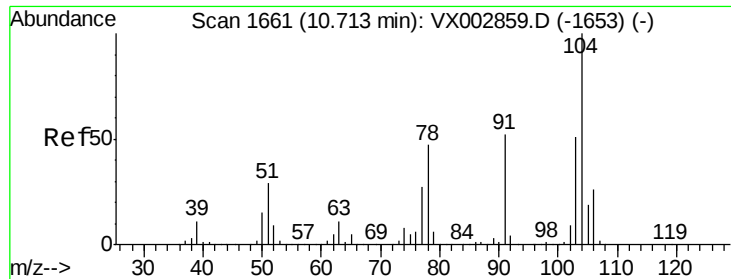
MMDadoda
6/28/2018 12:00:00 PM



#69
o-Xylene
Concen: 0.96 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion:106 Resp: 5272
Ion Ratio Lower Upper
106 100
91 219.2 108.2 324.6





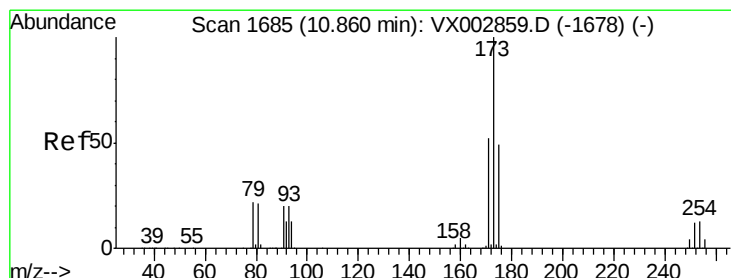
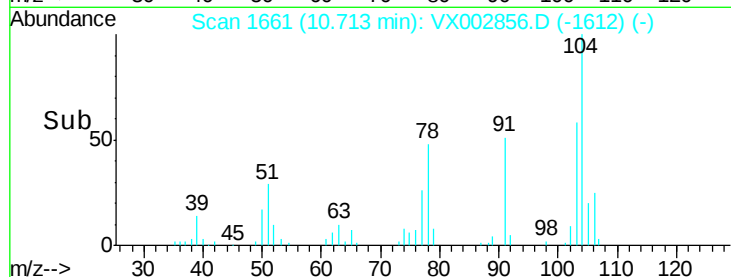
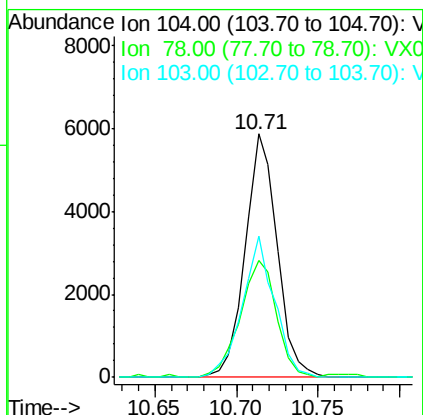
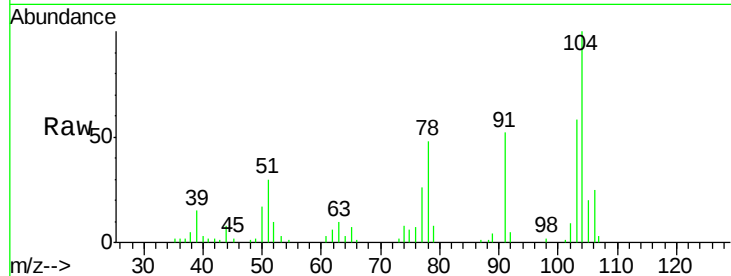
#70
Stvrene
Concen: 0.88 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.7	41.0	61.6
103	58.5	44.2	66.4

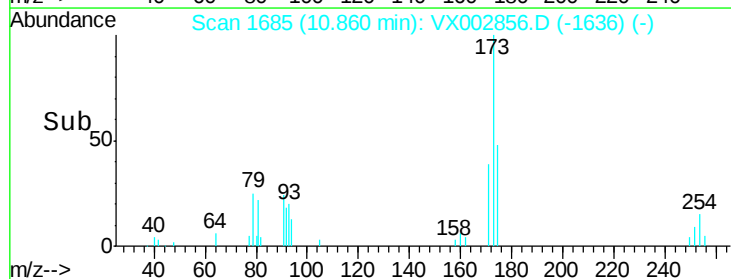
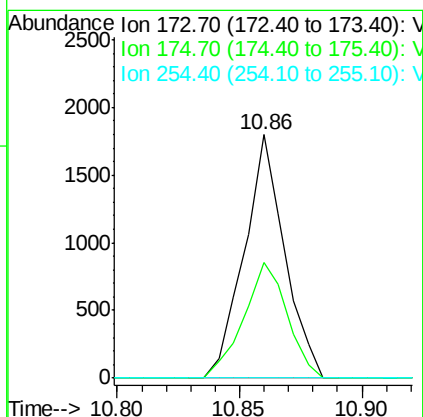
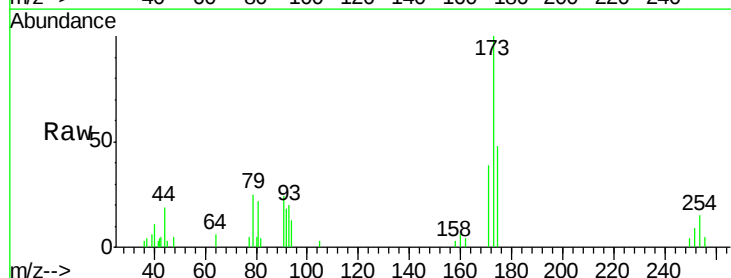
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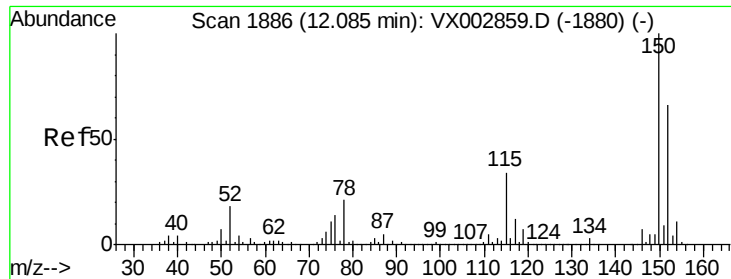
MMDadoda
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#71
Bromoform
Concen: 0.93 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.1	24.7	74.1
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

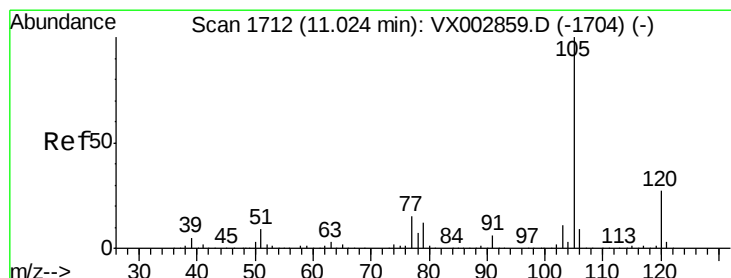
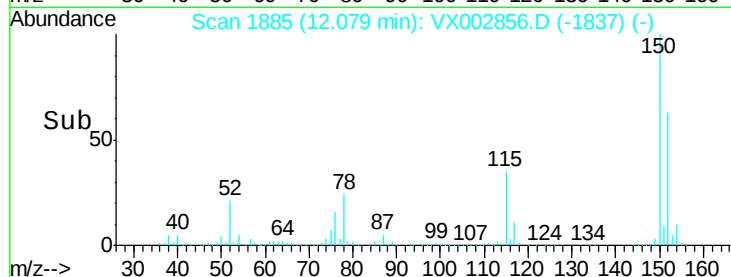
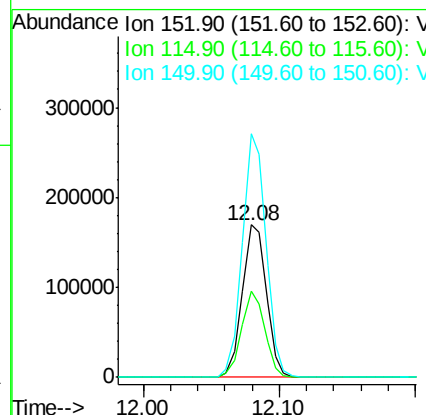
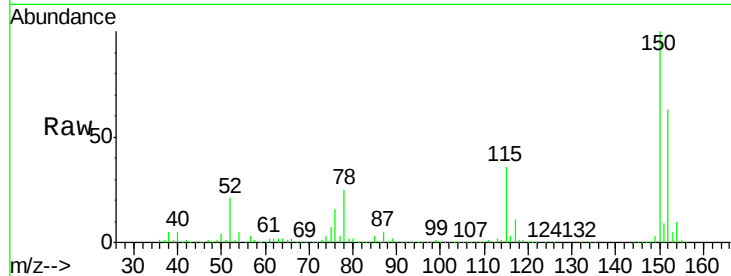
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	209830
Ion Ratio	Lower	Upper	
152	100		
115	54.7	40.1	120.2
150	156.1	0.0	347.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.98 ug/l

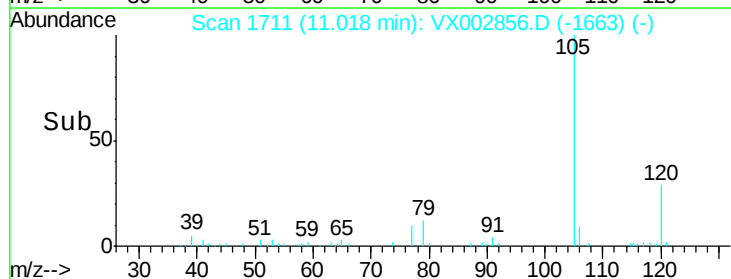
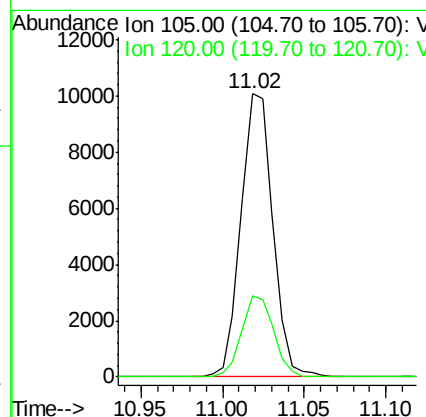
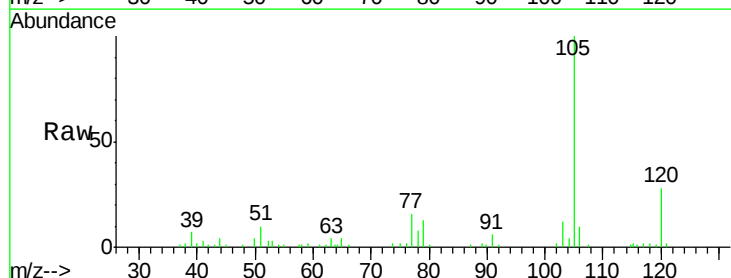
RT: 11.02 min Scan# 1711

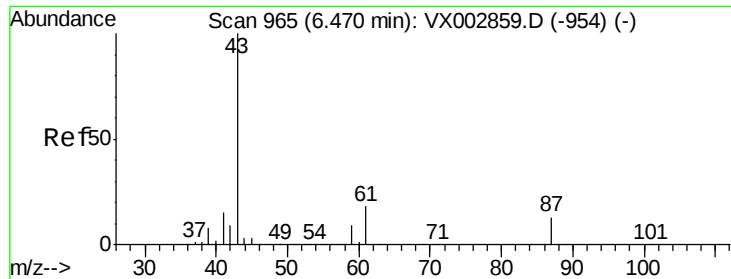
Delta R.T. -0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tgt Ion:	105	Resp:	13742
Ion Ratio	Lower	Upper	
105	100		
120	28.7	13.5	40.4





#74

N-amvl acetate

Concen: 1.12 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

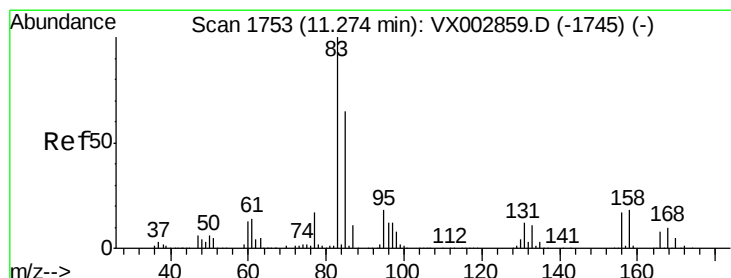
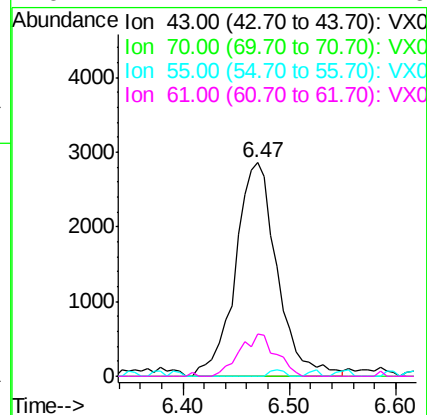
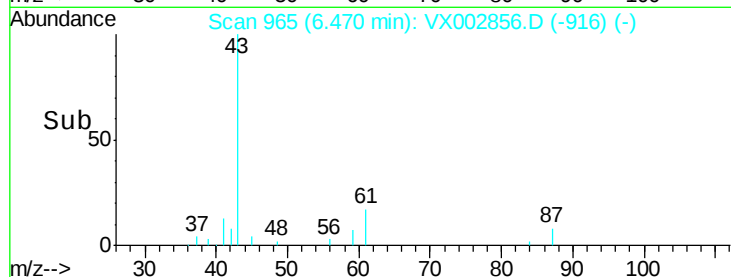
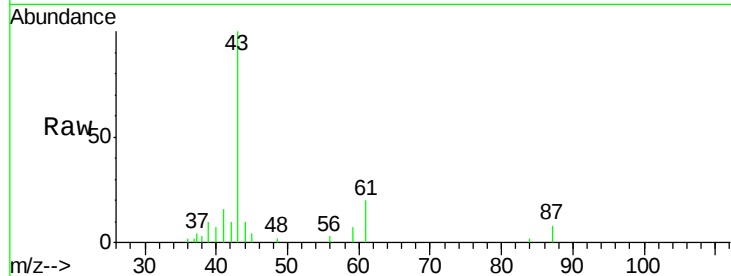
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	7816
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	1.1	0.0	0.0#
61	17.4	14.4	21.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.09 ug/l

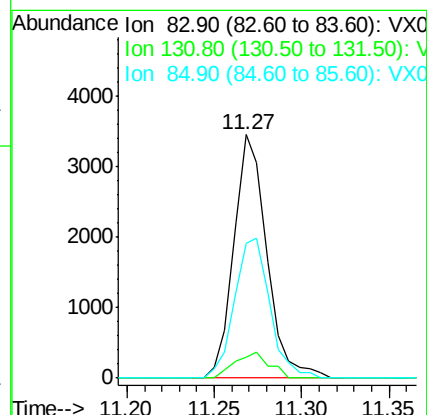
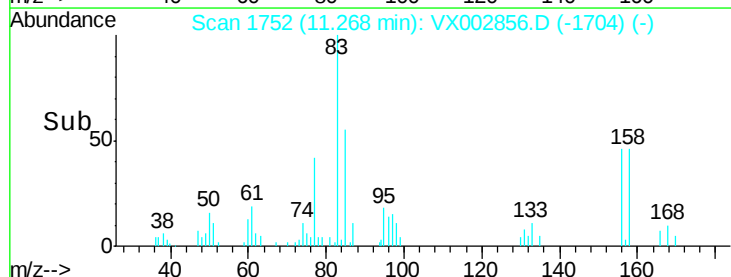
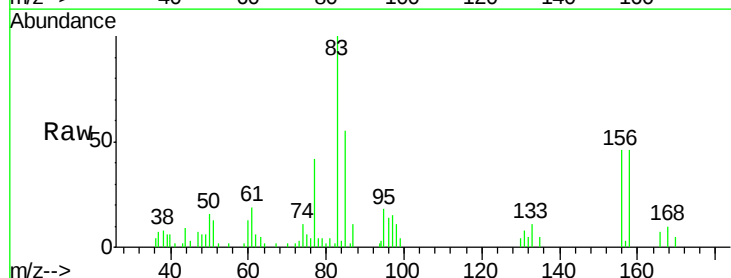
RT: 11.27 min Scan# 1752

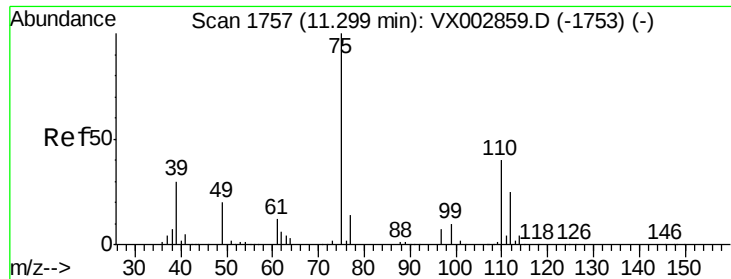
Delta R.T. -0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tgt Ion:	83	Resp:	4518
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.6	16.8
85	61.7	32.4	97.2





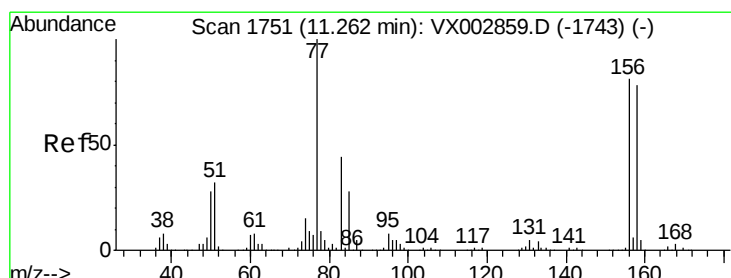
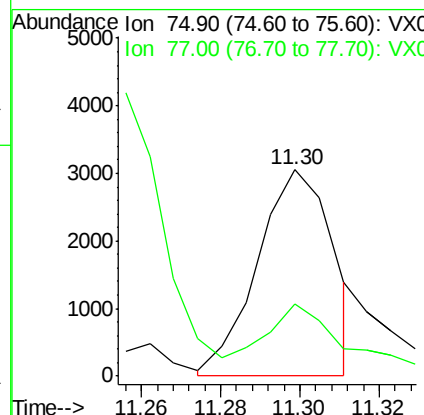
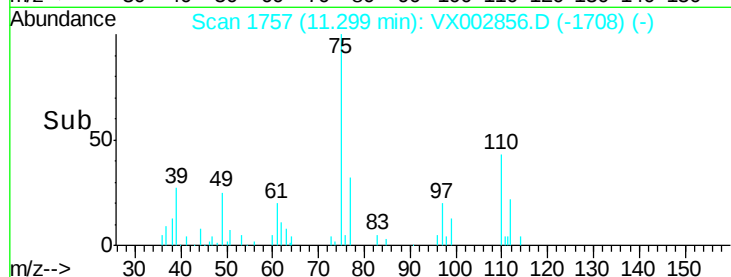
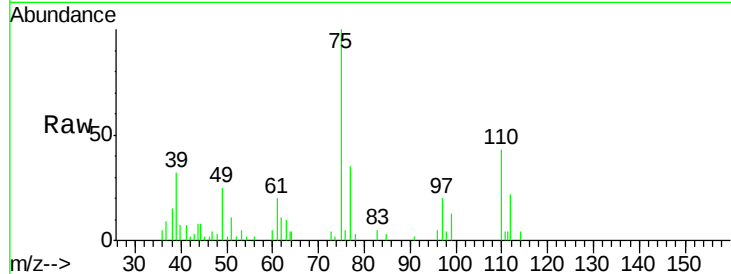
#76
 1,2,3-Trichloropropane
 Concen: 1.02 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 4026
 Ion Ratio Lower Upper
 75 100
 77 39.8 22.8 68.3

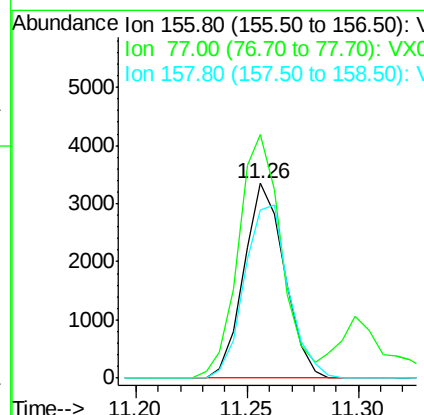
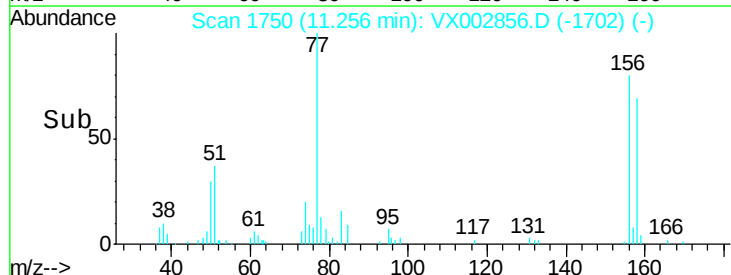
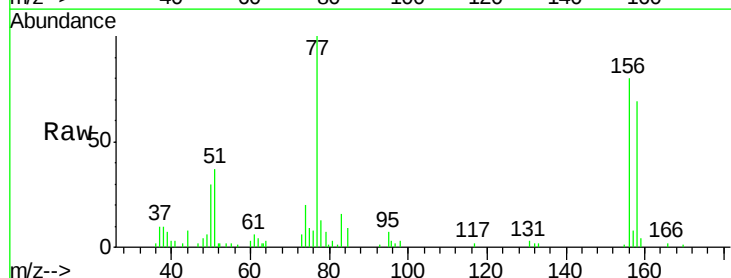
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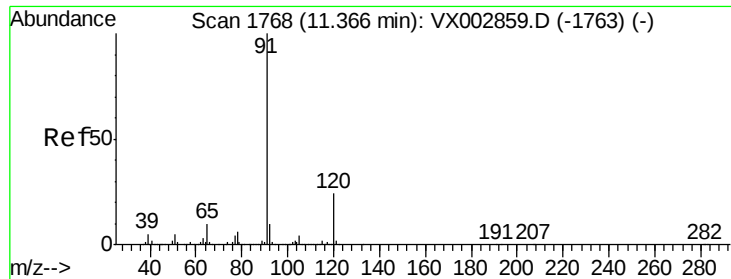
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#77
 Bromobenzene
 Concen: 1.09 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Tgt Ion: 156 Resp: 4264
 Ion Ratio Lower Upper
 156 100
 77 132.6 71.4 214.2
 158 96.3 48.9 146.6





#78

n-propylbenzene

Concen: 0.96 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 15386

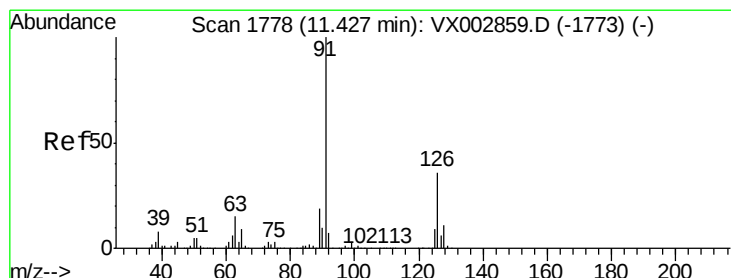
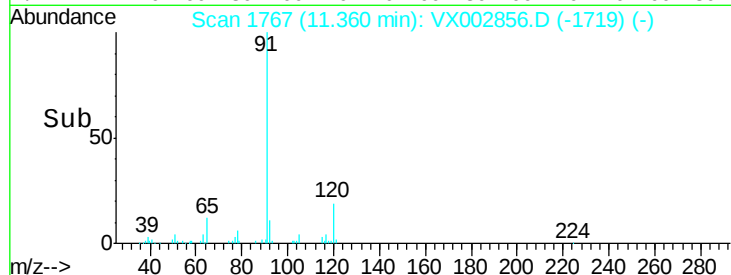
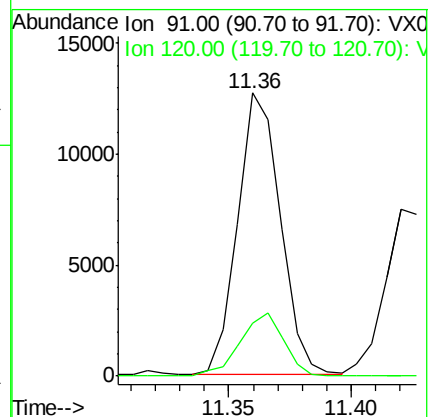
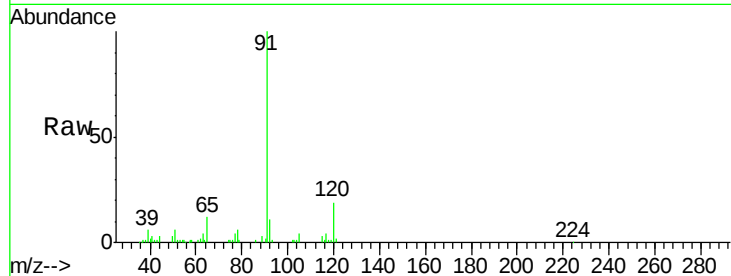
Ion Ratio Lower Upper

91 100

120 22.9 11.8 35.4

Manual Integrations
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#79

2-Chlorotoluene

Concen: 1.04 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX002856.D

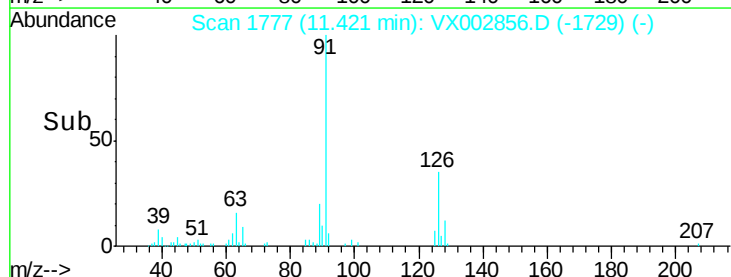
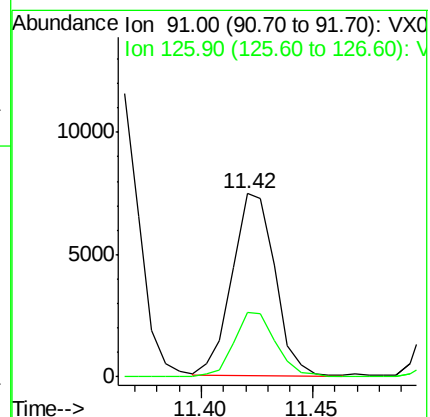
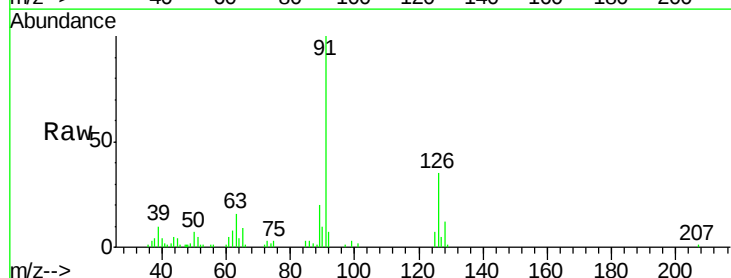
Acq: 25 Jun 2018 10:55

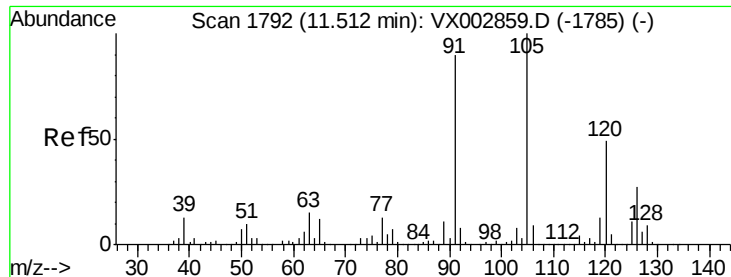
Tgt Ion: 91 Resp: 10001

Ion Ratio Lower Upper

91 100

126 34.2 17.7 53.1





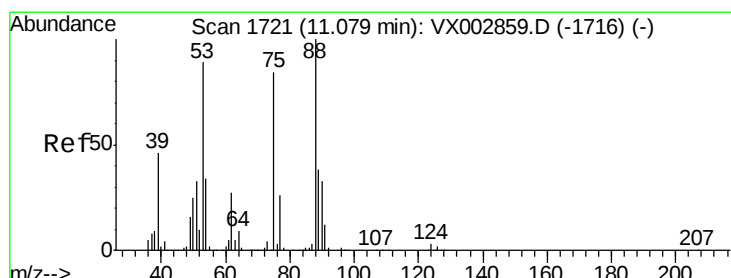
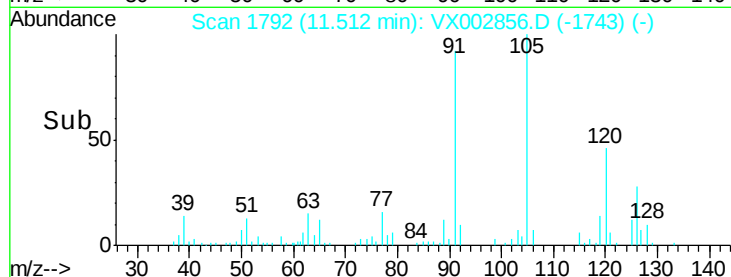
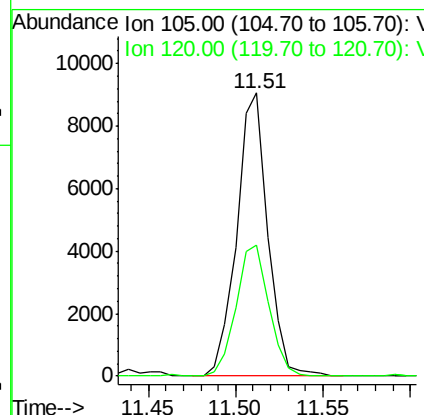
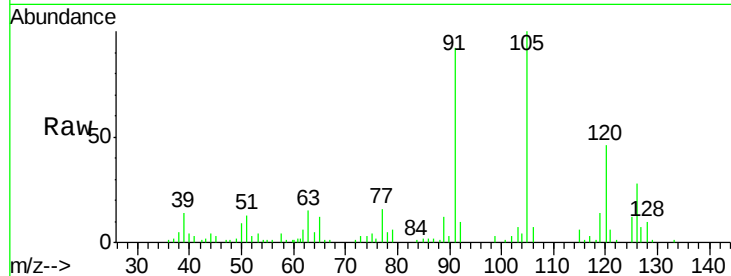
#80
 1,3,5-Trimethylbenzene
 Concen: 0.94 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 11146
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4

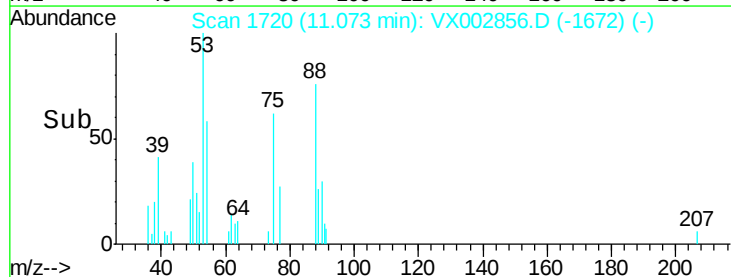
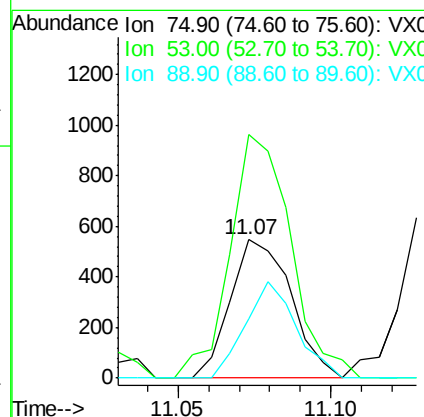
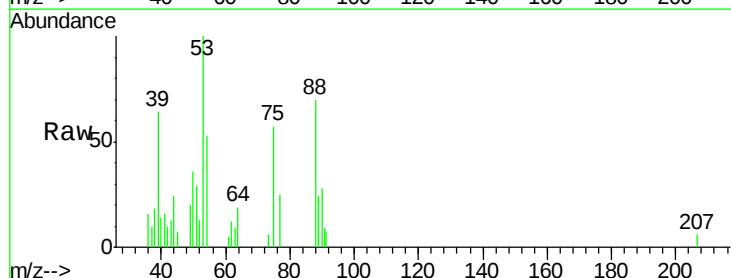
Manual Integrations
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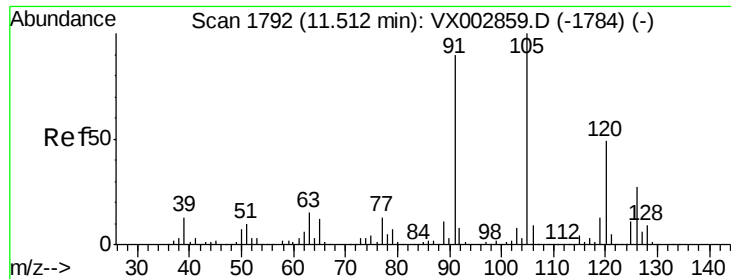
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.72 ug/l
 RT: 11.07 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Tgt Ion: 75 Resp: 751
 Ion Ratio Lower Upper
 75 100
 53 176.7 86.8 130.2#
 89 58.6 38.2 57.2#





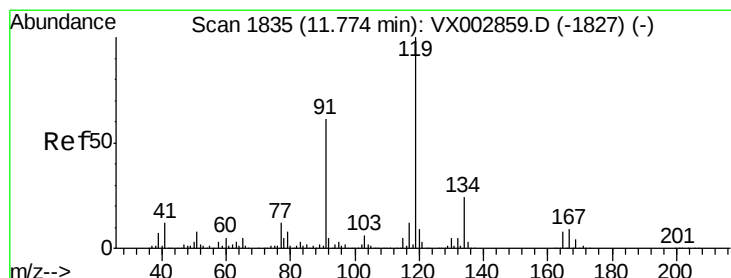
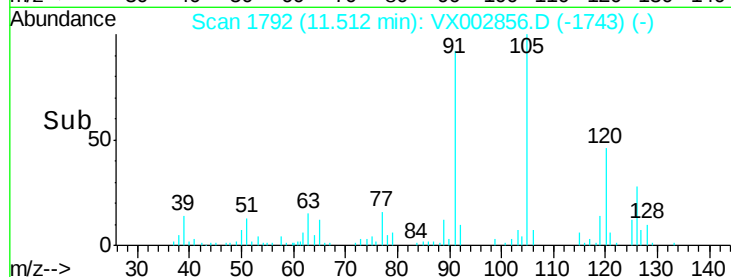
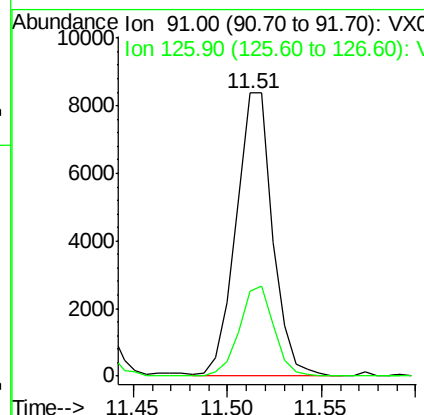
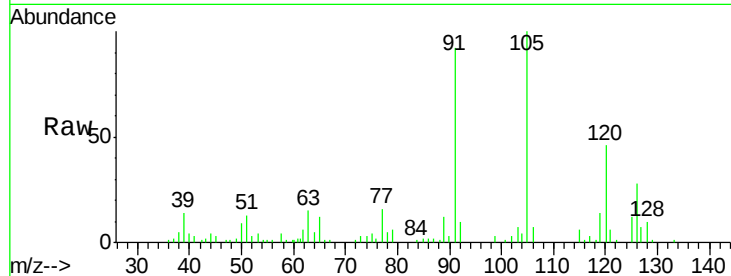
#82
4-Chlorotoluene
Concen: 1.00 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 11304
Ion Ratio Lower Upper
91 100
126 29.8 15.4 46.4

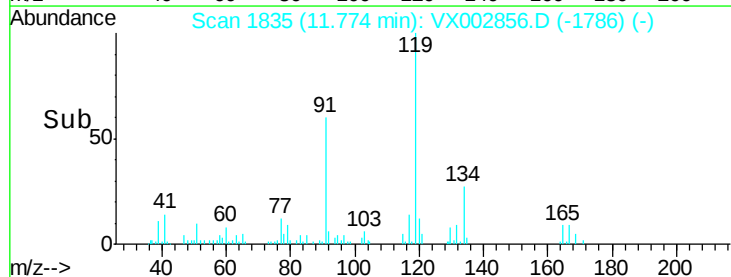
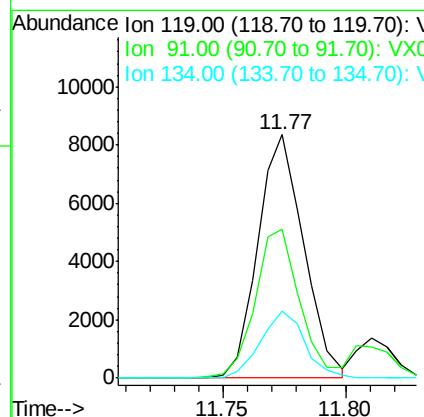
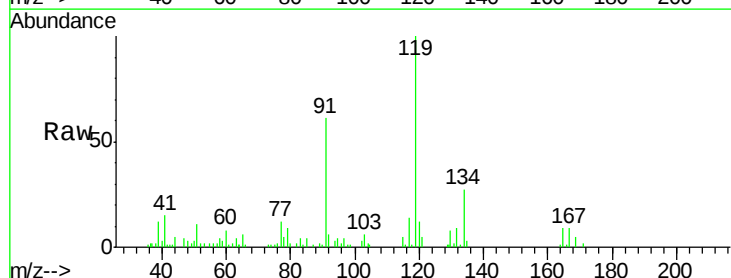
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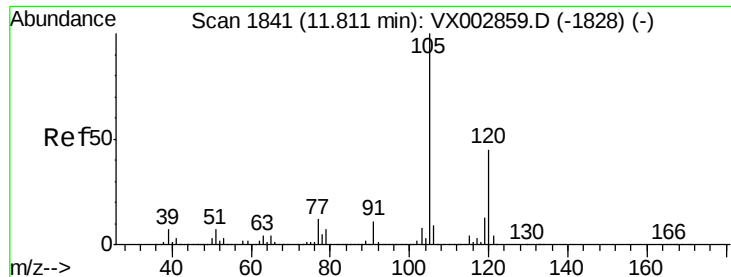
MMDadoda
6/28/2018 12:00:00 PM



#83
tert-Butylbenzene
Concen: 0.96 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion: 119 Resp: 10912
Ion Ratio Lower Upper
119 100
91 60.1 30.3 90.9
134 26.5 11.7 35.1





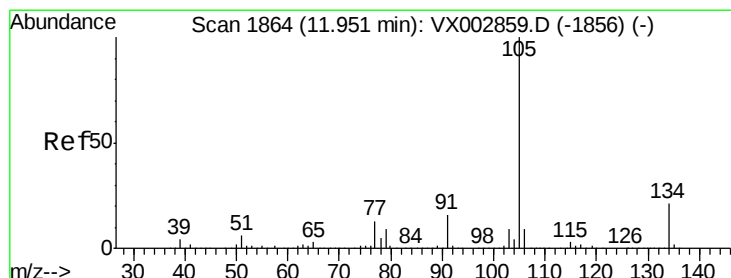
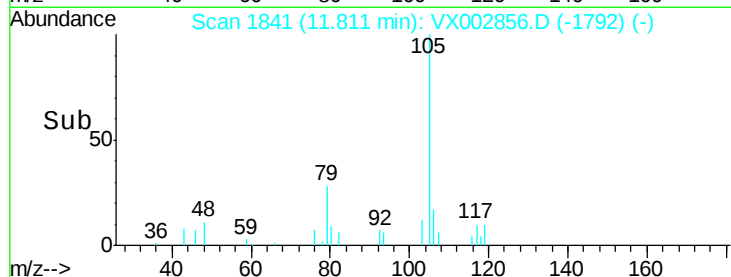
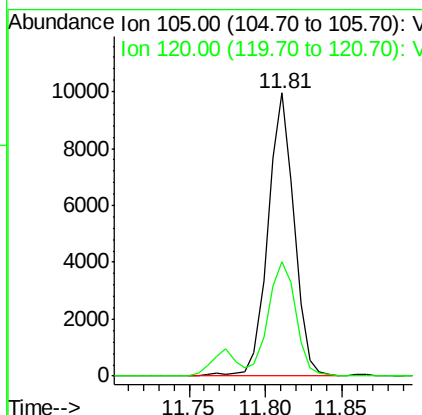
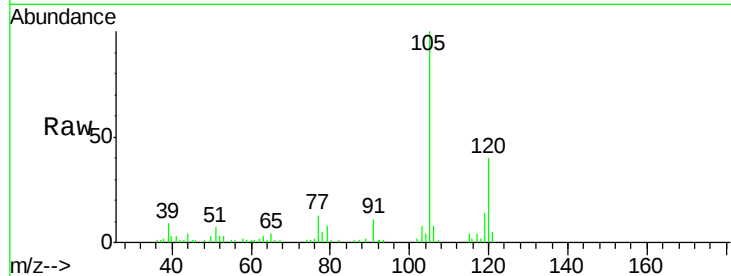
#84
1,2,4-Trimethylbenzene
Concen: 0.98 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:105 Resp: 11864
Ion Ratio Lower Upper
105 100
120 42.8 22.3 66.8

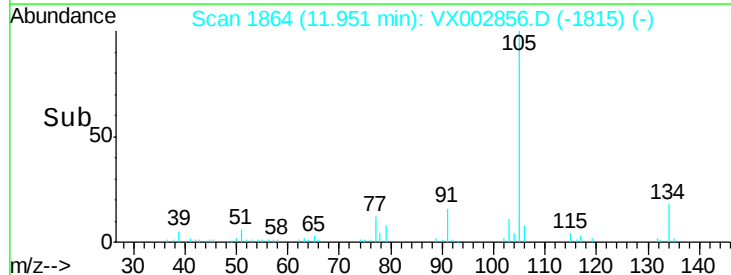
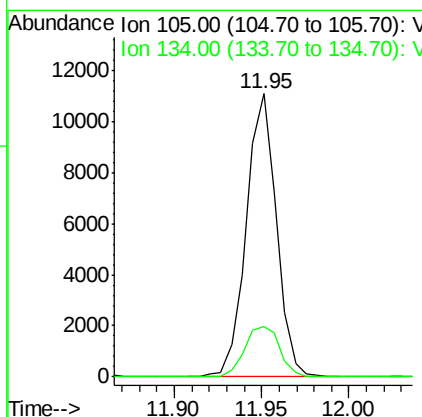
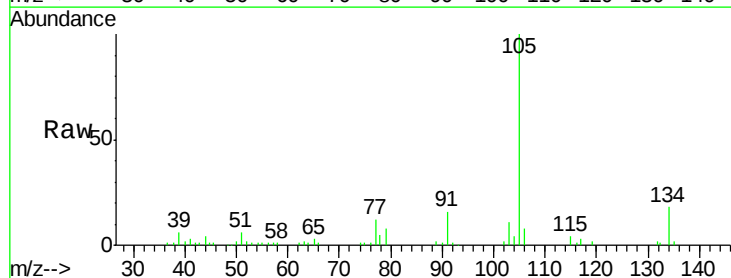
Manual Integrations
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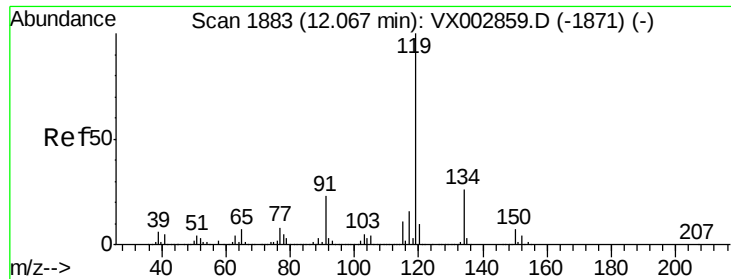
MMDadoda
6/28/2018 12:00:00 PM



#85
sec-Butylbenzene
Concen: 0.93 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion:105 Resp: 13269
Ion Ratio Lower Upper
105 100
134 20.5 10.4 31.1





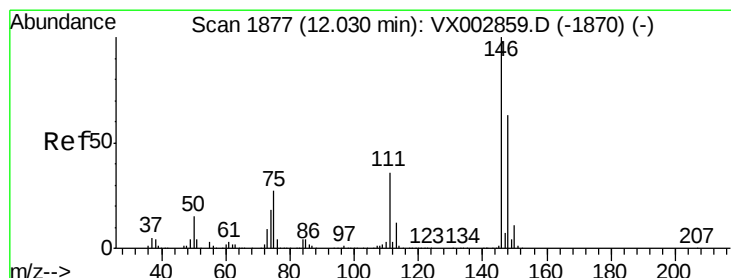
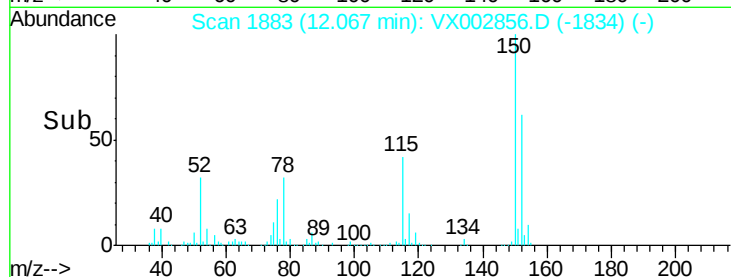
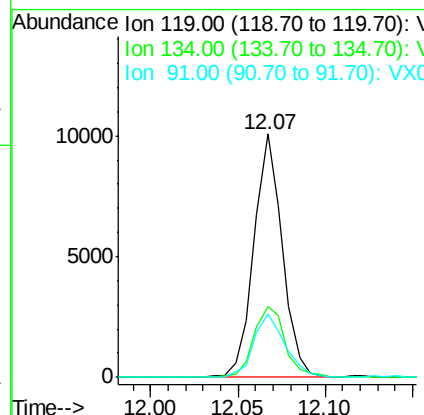
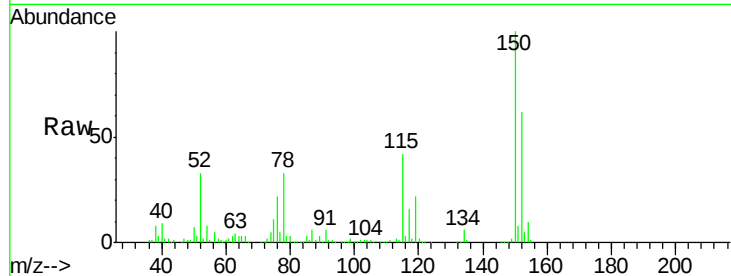
#86
 p-Isopropyltoluene
 Concen: 0.88 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	11356		
134	32.2		13.4	40.1
91	28.9		11.9	35.7

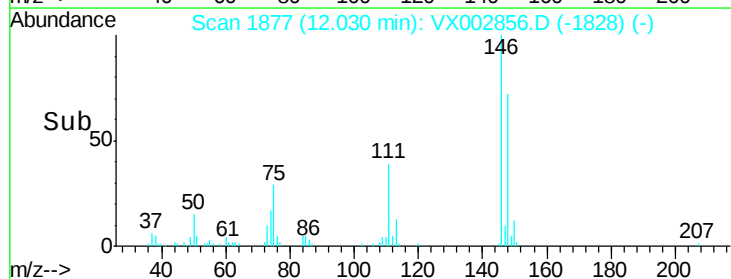
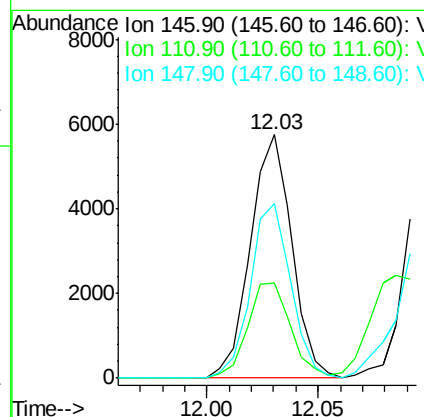
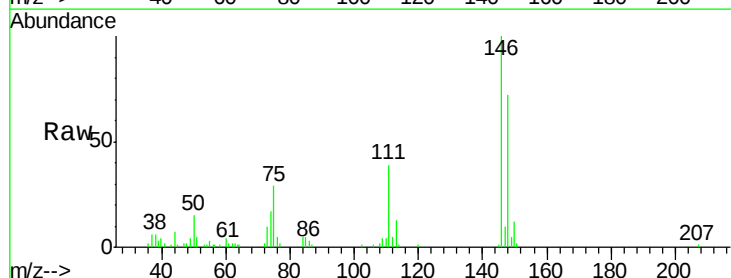
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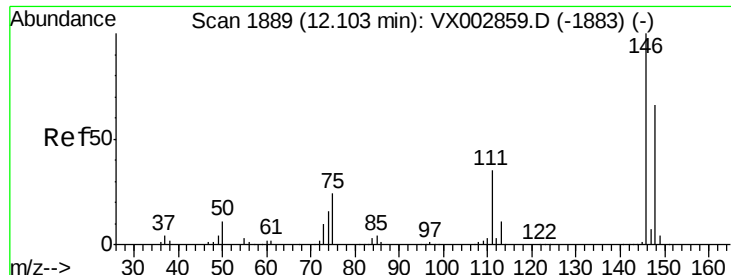
MMDadoda
 6/28/2018 12:00:00 PM



#87
 1,3-Dichlorobenzene
 Concen: 1.04 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	7443		
111	40.7		18.9	56.7
148	69.9		32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 1.13 ug/l m

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

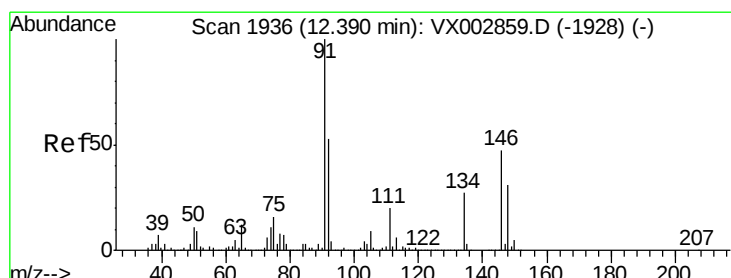
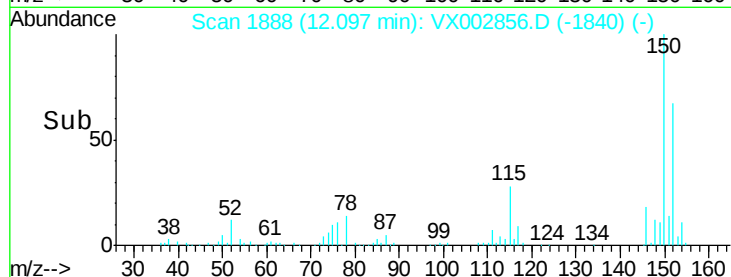
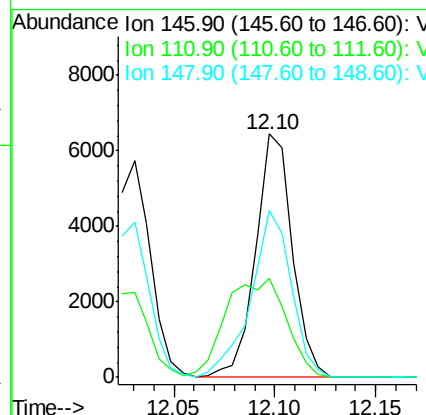
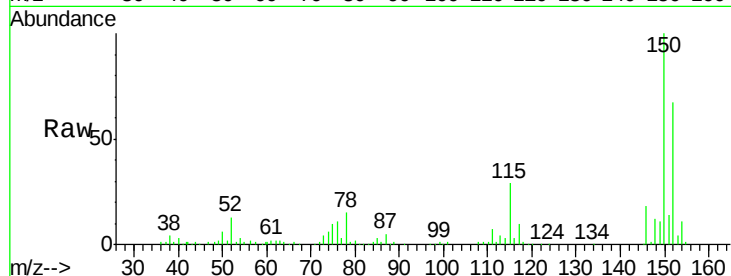
ClientSampled :

VSTDIC001

Tot Ion:	146	Resp:	8232
Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.7	56.1
148	63.2	32.4	97.0

Manual Integrations
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#89

n-Butylbenzene

Concen: 0.93 ug/l

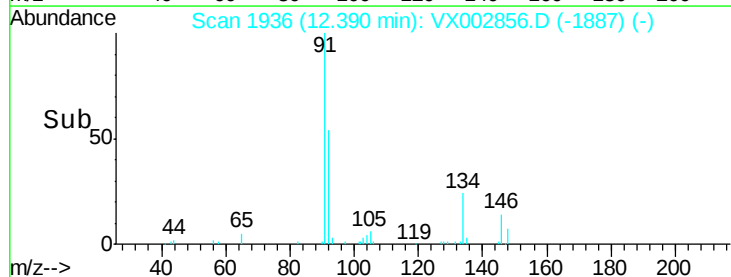
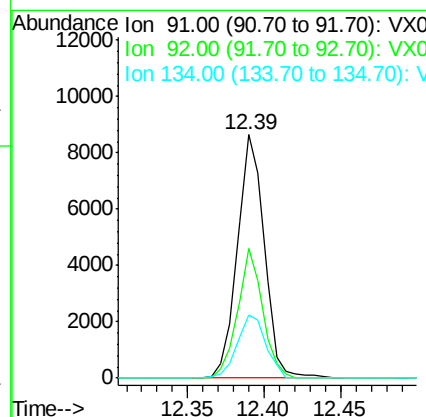
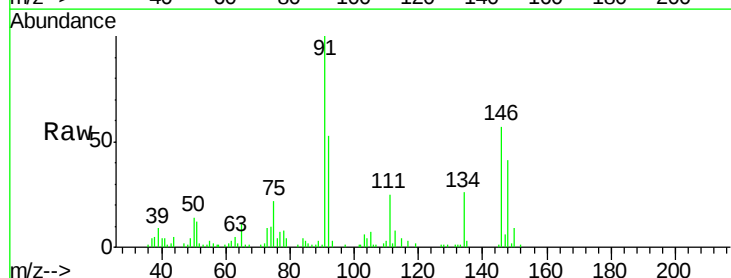
RT: 12.39 min Scan# 1936

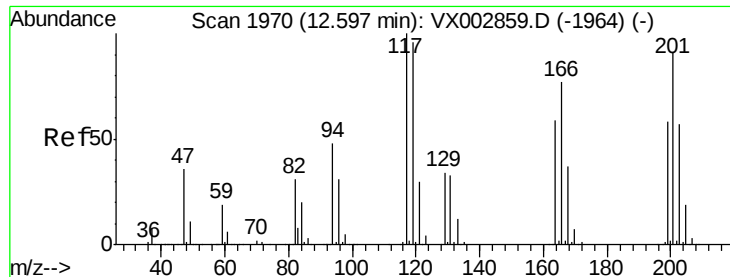
Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tgt Ion:	91	Resp:	10571
Ion	Ratio	Lower	Upper
91	100		
92	49.4	26.0	78.0
134	27.3	13.5	40.5





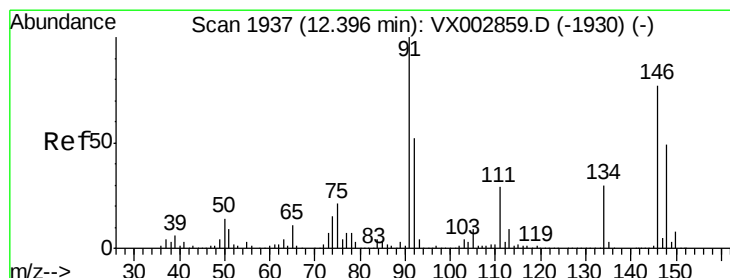
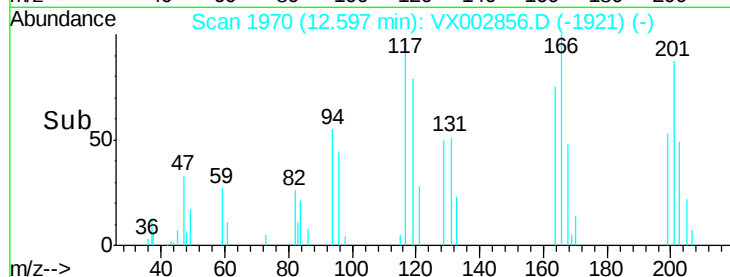
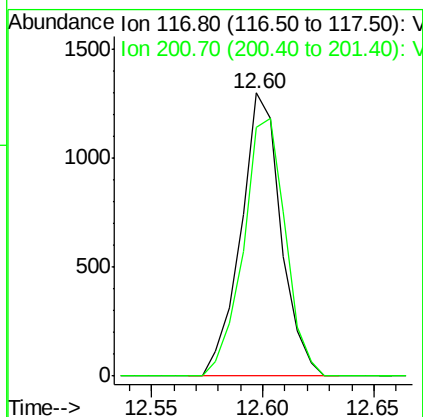
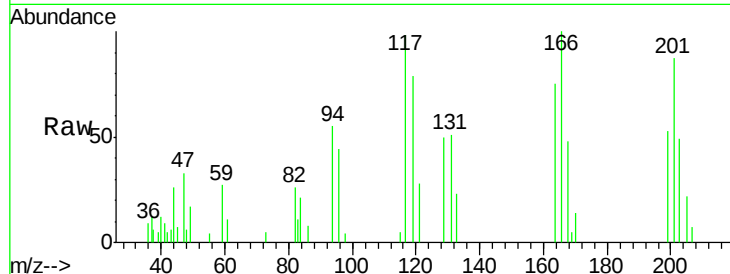
#90
Hexachloroethane
Concen: 0.92 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 1631
Ion Ratio Lower Upper
117 100
201 95.4 49.0 147.0

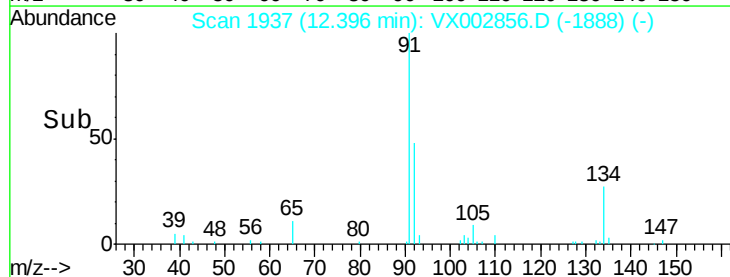
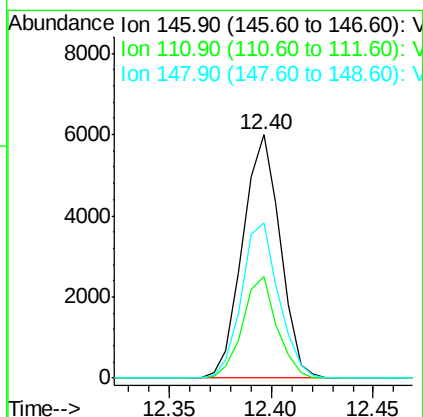
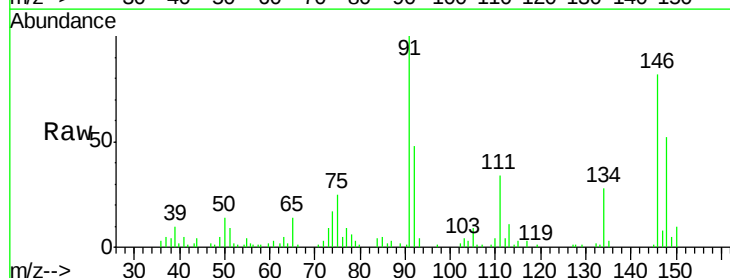
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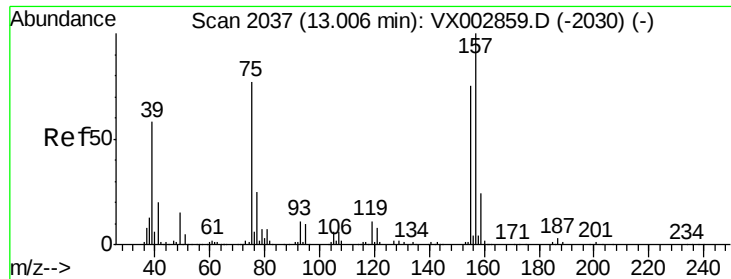
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 1.06 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002856.D
Acq: 25 Jun 2018 10:55

Tgt Ion:146 Resp: 7677
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.1
148 63.2 31.7 95.1





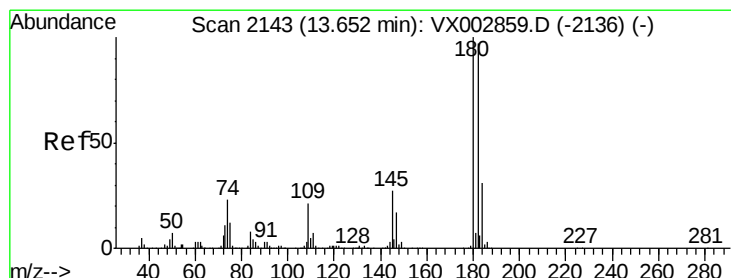
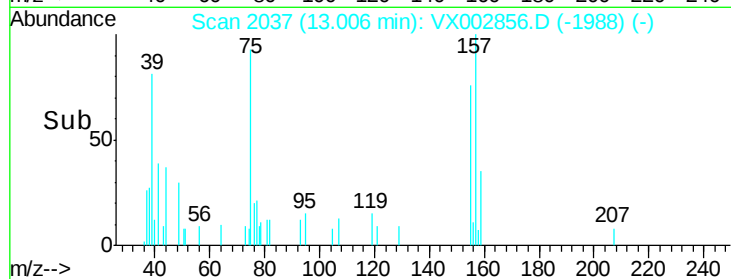
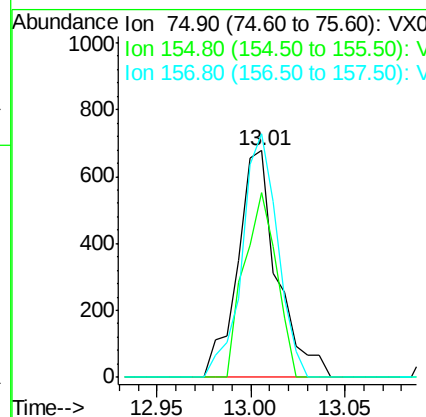
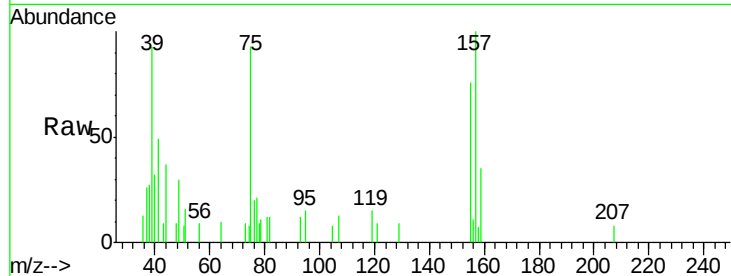
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.14 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	66.5	45.8	137.4
157	96.1	60.1	180.3

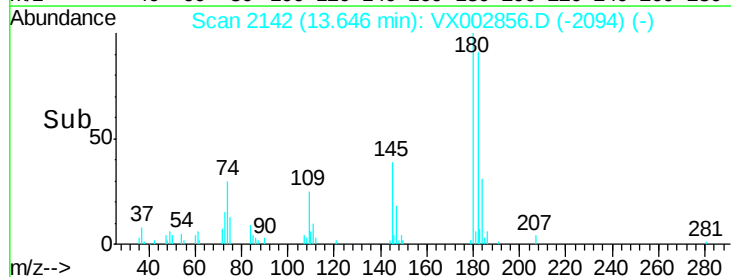
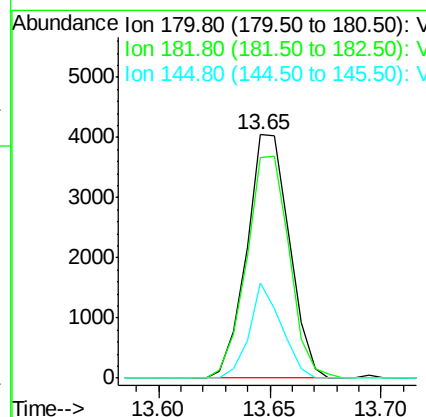
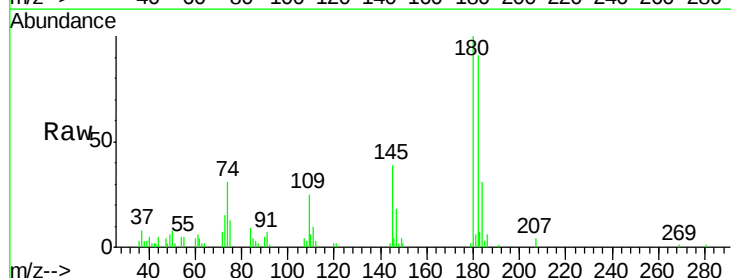
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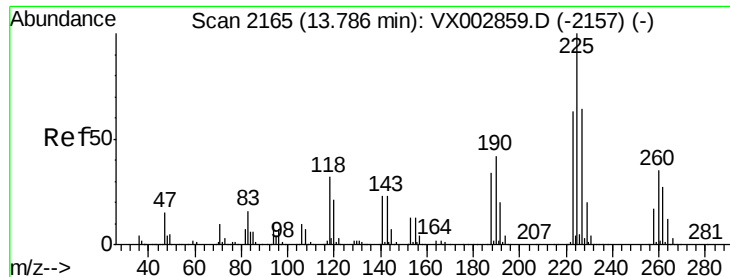
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#93
 1,2,4-Trichlorobenzene
 Concen: 1.03 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	47.7	143.1
145	29.3	14.1	42.4





#94

Hexachlorobutadiene

Concen: 0.92 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Instrument :

MSVOA_X

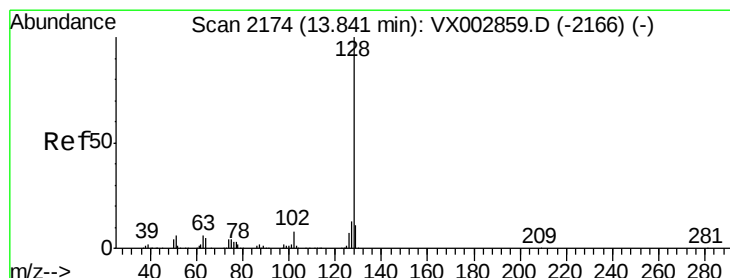
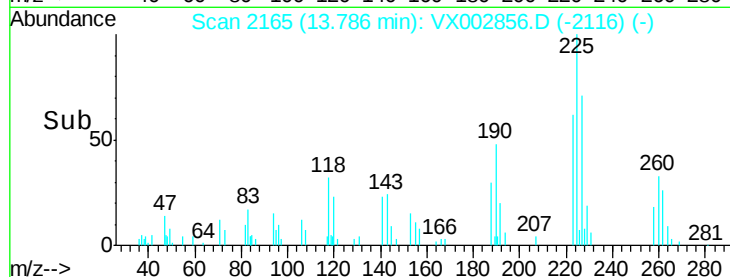
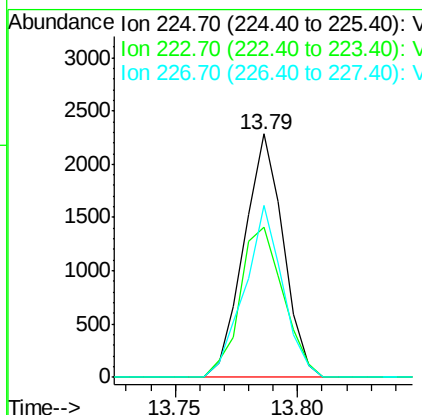
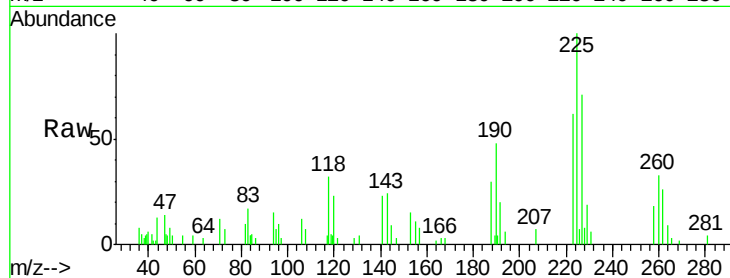
ClientSampleId :

VSTDIC001

Tot Ion:	225	Resp:	2546
Ion Ratio	Lower	Upper	
225	100		
223	68.1	31.6	95.0
227	68.6	32.4	97.2

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#95

Naphthalene

Concen: 0.90 ug/l

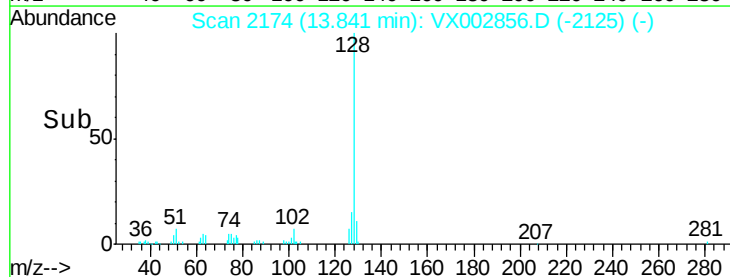
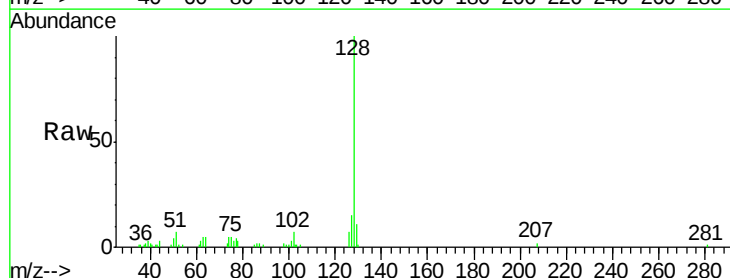
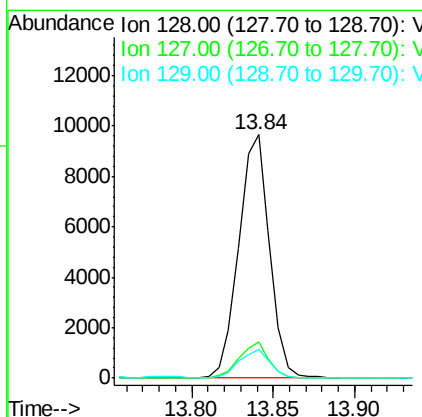
RT: 13.84 min Scan# 2174

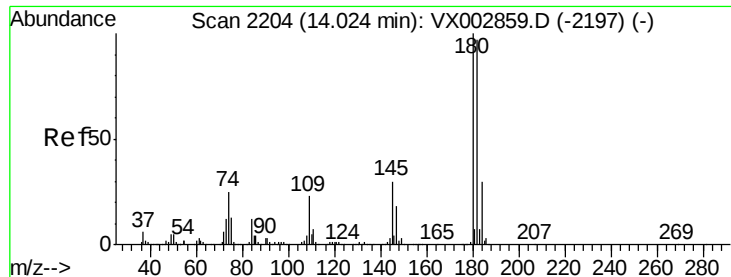
Delta R.T. -0.00 min

Lab File: VX002856.D

Acq: 25 Jun 2018 10:55

Tgt Ion:	128	Resp:	12673
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.4	15.6
129	11.8	8.6	13.0





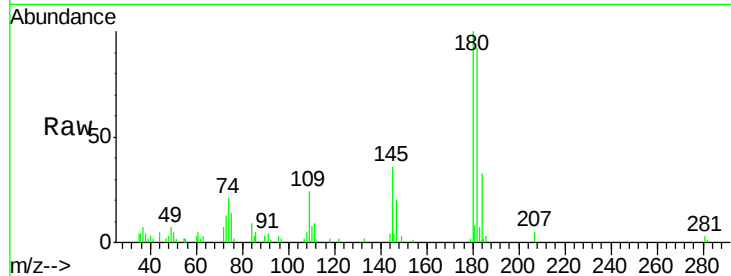
#96
 1,2,3-Trichlorobenzene
 Concen: 0.95 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002856.D
 Acq: 25 Jun 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.2	48.0	144.0
145	34.6	14.8	44.3

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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

