

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002868.D
 Acq On : 25 Jun 2018 19:28
 Operator : JC/MD
 Sample : VX0625WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:30 PM

Quant Time: Jun 27 05:42:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221640	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	188023	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.06%		
35) Dibromofluoromethane	5.51	113	147758	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.06%		
50) Toluene-d8	8.72	98	549075	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.80%		
62) 4-Bromofluorobenzene	11.14	95	207702	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.88%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46257	18.49	ug/l	98
3) Chloromethane	1.32	50	50278	18.81	ug/l	99
4) Vinyl Chloride	1.40	62	56530	18.02	ug/l	100
5) Bromomethane	1.64	94	32831	20.83	ug/l	99
6) Chloroethane	1.72	64	36260	18.36	ug/l	97
7) Trichlorofluoromethane	1.93	101	99288	18.76	ug/l	99
8) Diethyl Ether	2.19	74	35894	18.66	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56414	18.40	ug/l	99
10) Methyl Iodide	2.51	142	45917	19.15	ug/l	99
11) Tert butyl alcohol	3.07	59	76163	99.71	ug/l	98
12) 1,1-Dichloroethene	2.37	96	48808	17.84	ug/l	98
13) Acrolein	2.29	56	40652	98.60	ug/l	100
14) Allyl chloride	2.73	41	99108	18.38	ug/l	100
15) Acrylonitrile	3.15	53	156608	95.98	ug/l	99
16) Acetone	2.45	43	151547	95.43	ug/l	99
17) Carbon Disulfide	2.57	76	124673	17.10	ug/l	100
18) Methyl Acetate	2.78	43	92557	20.85	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	185439	18.85	ug/l	100
20) Methylene Chloride	2.86	84	56693	18.35	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	54703	18.36	ug/l	95
22) Diisopropyl ether	3.87	45	190992	18.53	ug/l	94
23) Vinyl Acetate	3.82	43	806648	92.40	ug/l	100
24) 1,1-Dichloroethane	3.70	63	104815	18.71	ug/l	99
25) 2-Butanone	4.71	43	228806	97.09	ug/l	100
26) 1,2-Dichloropropane	4.59	77	80282	17.62	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	62725	18.77	ug/l	99
28) Bromochloromethane	5.03	49	53298	19.87	ug/l	96
29) Tetrahydrofuran	5.17	42	143668	95.06	ug/l	96
30) Chloroform	5.22	83	106906	18.59	ug/l	97
31) Cyclohexane	5.57	56	88445	18.39	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	93158	18.41	ug/l	99
36) 1,1-Dichloropropene	5.80	75	76527	18.34	ug/l	97
37) Ethyl Acetate	4.87	43	86980	19.36	ug/l	99
38) Carbon Tetrachloride	5.79	117	83525	18.24	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jun 27 05:42:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89472	18.41	ug/l	99
40) Benzene	6.15	78	228520	18.85	ug/l	100
41) Methacrylonitrile	5.07	41	49033	18.95	ug/l	98
42) 1,2-Dichloroethane	6.20	62	89145	18.20	ug/l	100
43) Isopropyl Acetate	6.47	43	137918	18.30	ug/l	99
44) Trichloroethene	7.21	130	67980	18.81	ug/l	94
45) 1,2-Dichloropropane	7.52	63	60020	18.66	ug/l	100
46) Dibromomethane	7.66	93	41619	18.65	ug/l	98
47) Bromodichloromethane	7.90	83	75440	18.28	ug/l	99
48) Methyl methacrylate	7.78	41	73706	18.98	ug/l	97
49) 1,4-Dioxane	7.76	88	29849	395.14	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	459510	97.46	ug/l	99
52) Toluene	8.79	92	147812	19.03	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	87293	18.68	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	80049	17.80	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	60147	18.84	ug/l	98
56) Ethyl methacrylate	9.18	69	87366	18.73	ug/l	97
57) 1,3-Dichloropropane	9.37	76	98442	18.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	225413	100.16	ug/l	99
59) 2-Hexanone	9.50	43	356437	99.48	ug/l	100
60) Dibromochloromethane	9.59	129	60531	18.01	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62521	18.67	ug/l	100
64) Tetrachloroethene	9.34	164	74569	18.89	ug/l	99
65) Chlorobenzene	10.14	112	170301	18.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	62109	18.96	ug/l	99
67) Ethyl Benzene	10.26	91	289500	19.44	ug/l	99
68) m/p-Xylenes	10.36	106	224208	39.06	ug/l	98
69) o-Xylene	10.70	106	108158	19.35	ug/l	98
70) Styrene	10.71	104	173938	19.15	ug/l	100
71) Bromoform	10.86	173	46751	18.47	ug/l #	100
73) Isopropylbenzene	11.02	105	296439	19.88	ug/l	100
74) N-amyl acetate	6.47	43	137918	18.90	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88696	19.31	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	90585m	22.56	ug/l	
77) Bromobenzene	11.26	156	81840	19.27	ug/l	98
78) n-propylbenzene	11.37	91	337291	19.87	ug/l	100
79) 2-Chlorotoluene	11.43	91	200096	19.47	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	249820	19.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22205	18.33	ug/l	91
82) 4-Chlorotoluene	11.51	91	234975	19.32	ug/l	99
83) tert-Butylbenzene	11.77	119	242499	19.59	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	258237	19.85	ug/l	99
85) sec-Butylbenzene	11.95	105	298840	19.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	268344	19.88	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	150699	19.43	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	151598	19.00	ug/l	100
89) n-Butylbenzene	12.39	91	226488	19.28	ug/l	100
90) Hexachloroethane	12.60	117	38732	19.29	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	149965	19.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19512	18.90	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

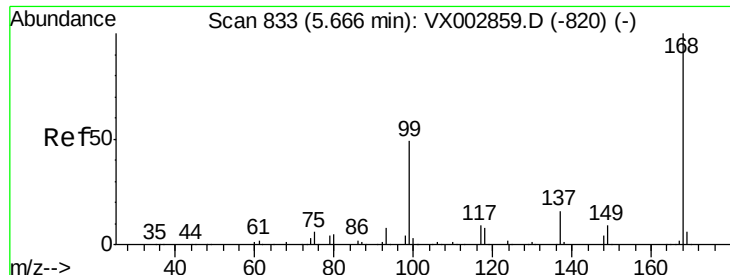
Manual Integrations
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Quant Time: Jun 27 05:42:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109370	19.20	ug/l	98
94) Hexachlorobutadiene	13.79	225	55402	19.50	ug/l	98
95) Naphthalene	13.84	128	299078	19.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111389	19.58	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion:168 Resp: 277422

Ion Ratio Lower Upper

168 100

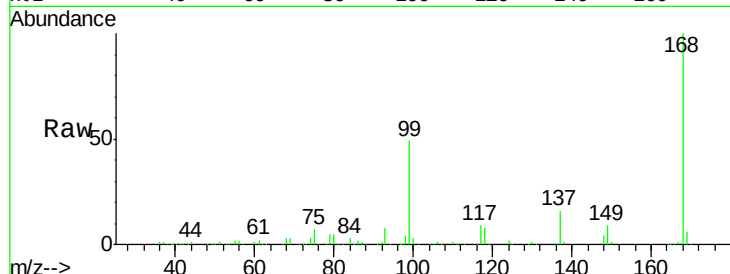
99 49.0 39.3 58.9

Manual Integrations

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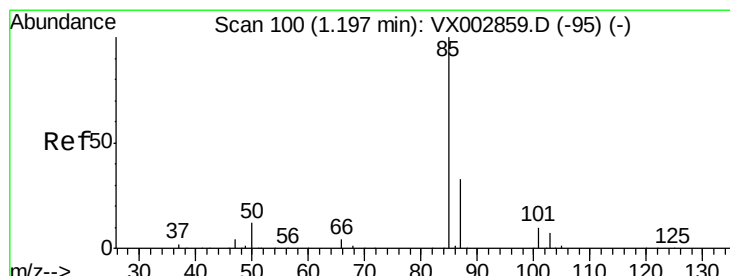
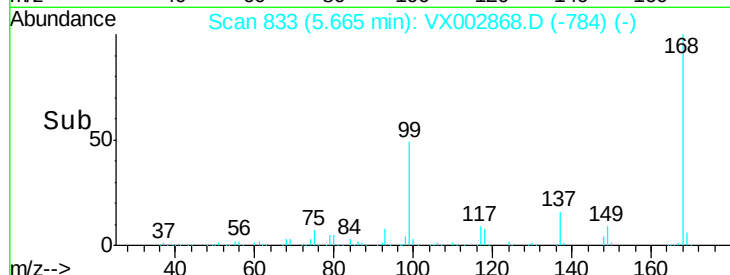
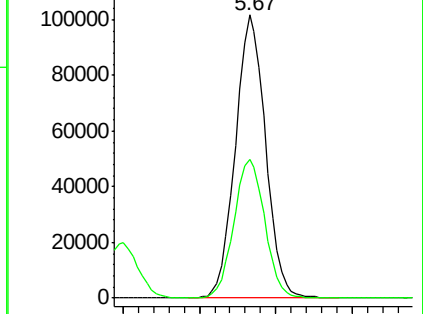
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.49 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002868.D

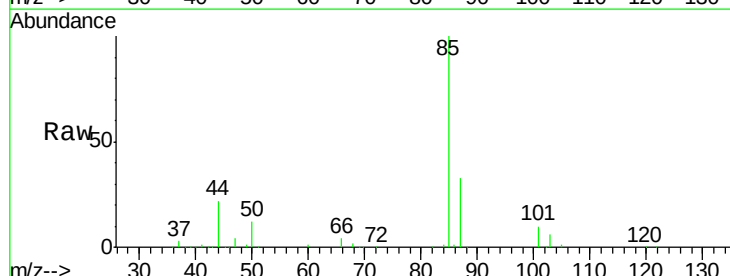
Acq: 25 Jun 2018 19:28

Tgt Ion: 85 Resp: 46257

Ion Ratio Lower Upper

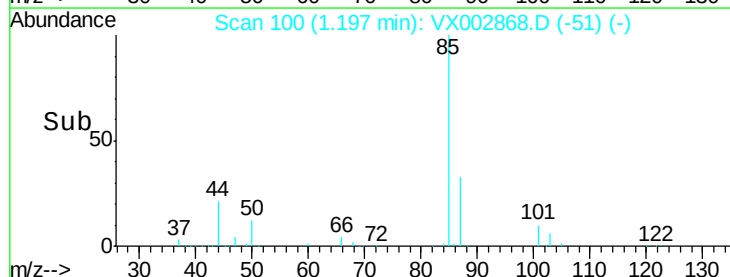
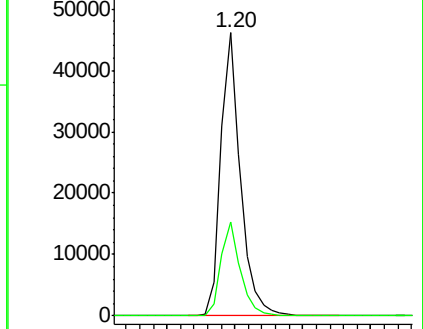
85 100

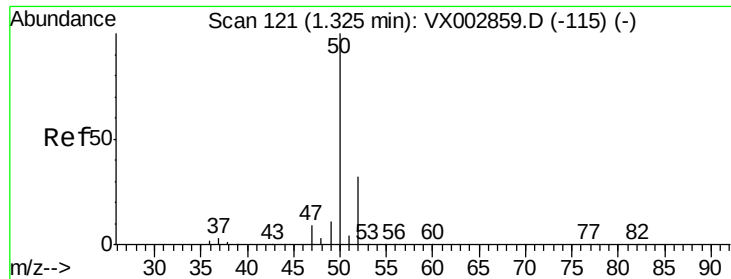
87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.81 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampled :

VX0625WBS01

Tot Ion: 50 Resp: 50278

Ion Ratio Lower Upper

50 100

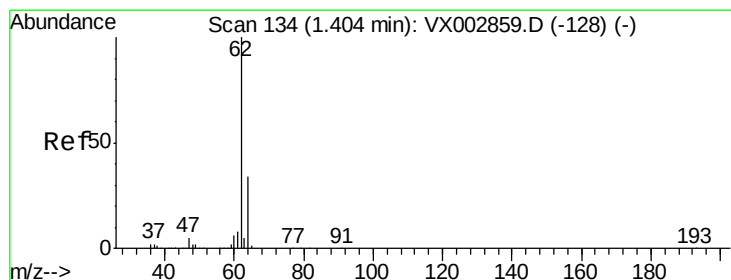
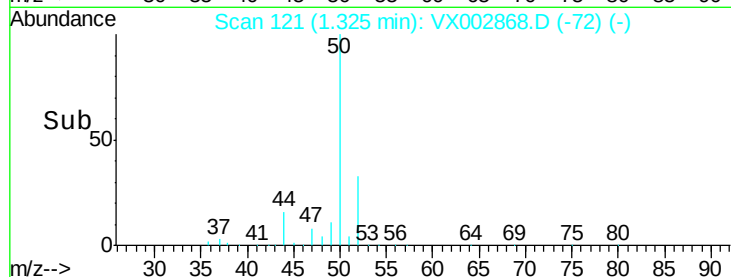
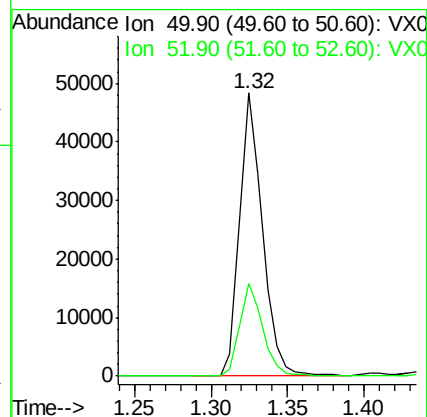
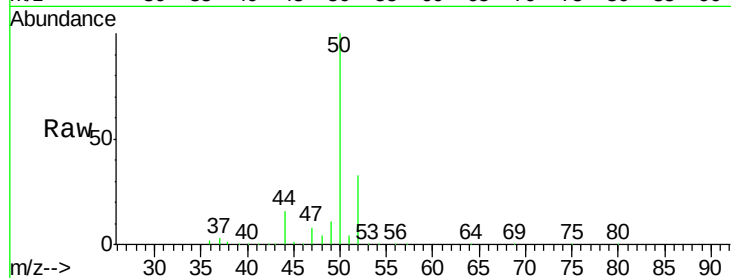
52 32.7 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.02 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002868.D

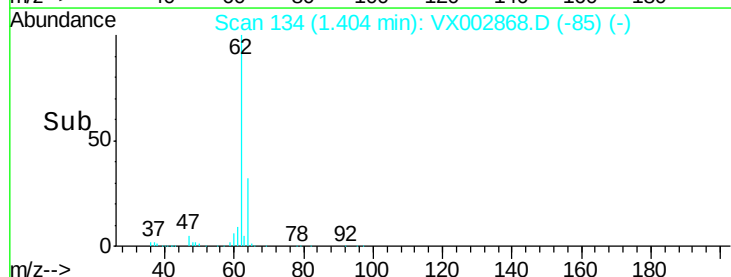
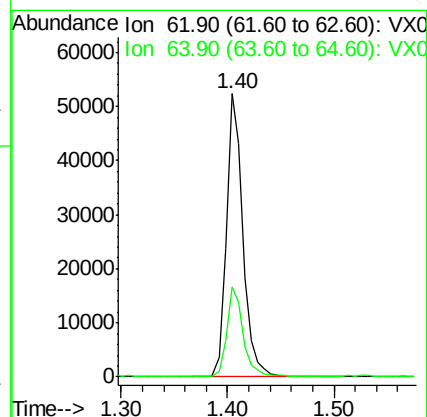
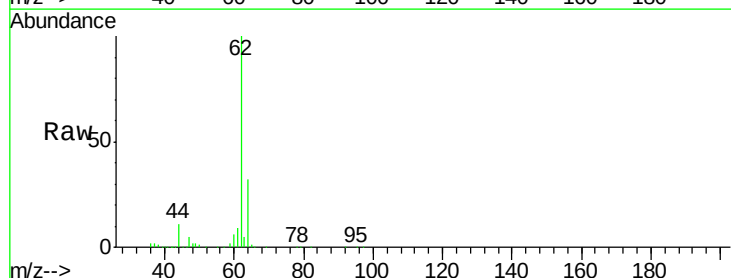
Acq: 25 Jun 2018 19:28

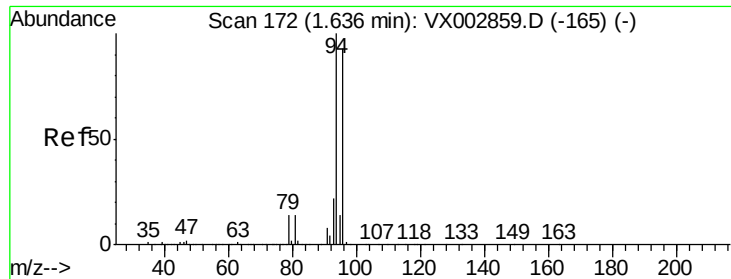
Tgt Ion: 62 Resp: 56530

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 20.83 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 94 Resp: 32831

Ion Ratio Lower Upper

94 100

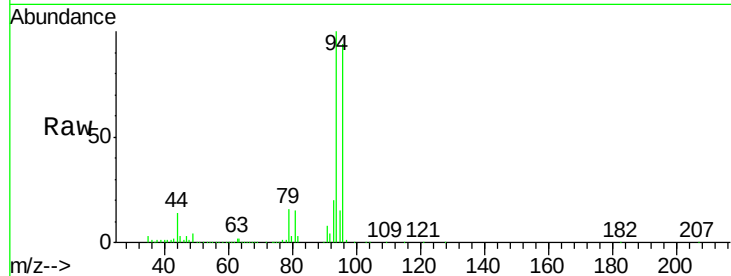
96 94.5 74.9 112.3

Manual Integrations

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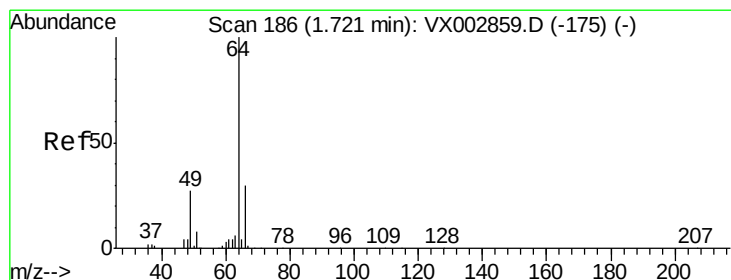
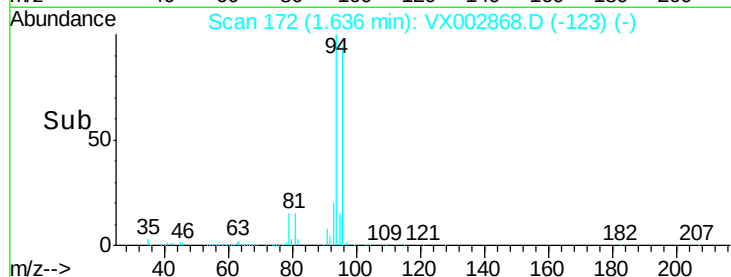
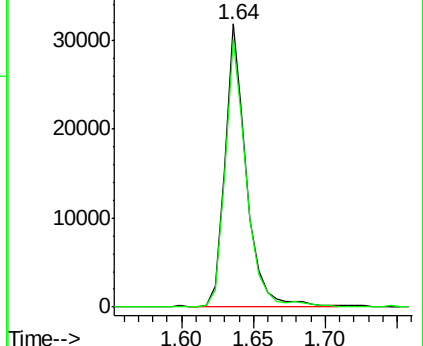
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.36 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002868.D

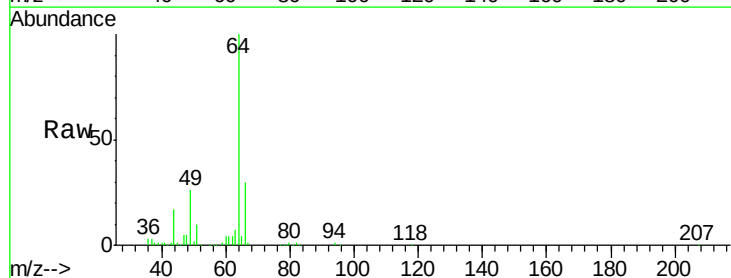
Acq: 25 Jun 2018 19:28

Tgt Ion: 64 Resp: 36260

Ion Ratio Lower Upper

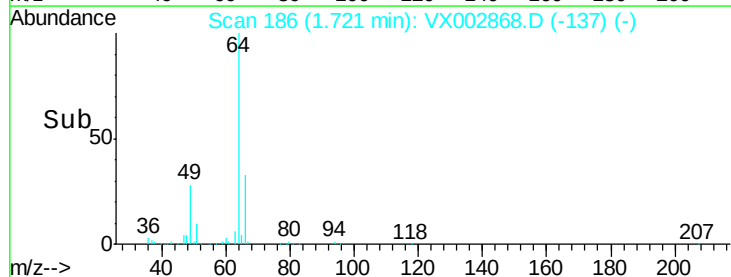
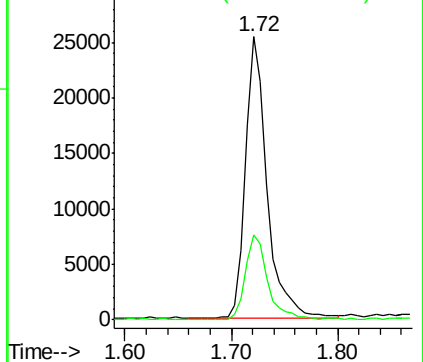
64 100

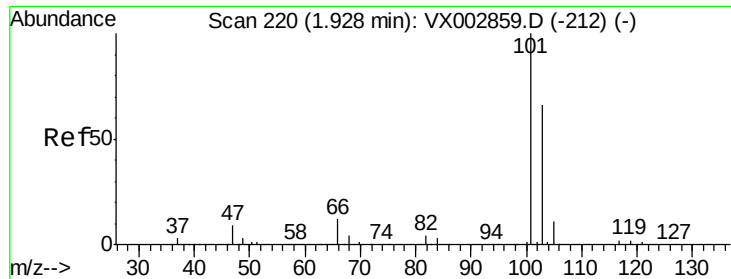
66 30.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

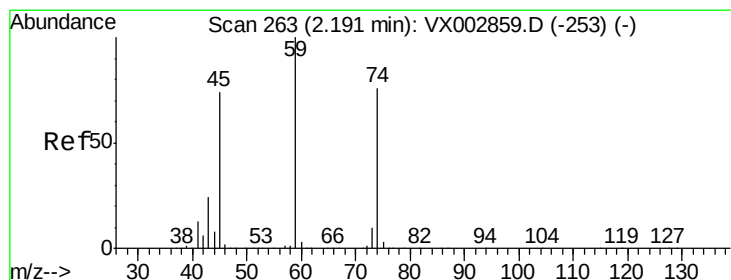
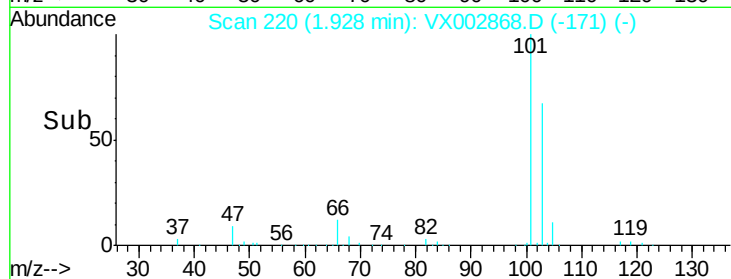
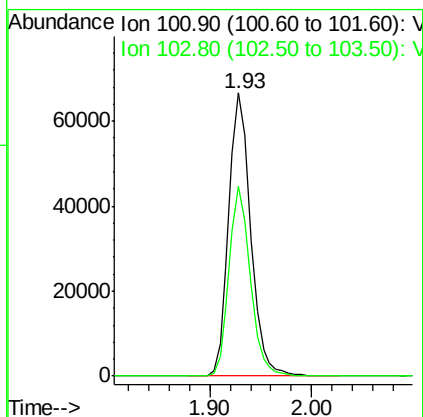
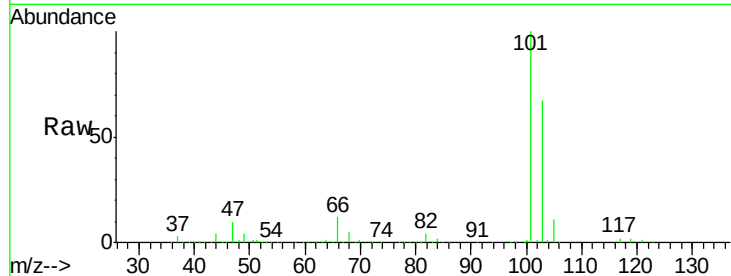
Trichlorofluoromethane
Concen: 18.76 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion:101 Resp: 99288
Ion Ratio Lower Upper
101 100
103 66.9 52.8 79.2

Manual Integrations
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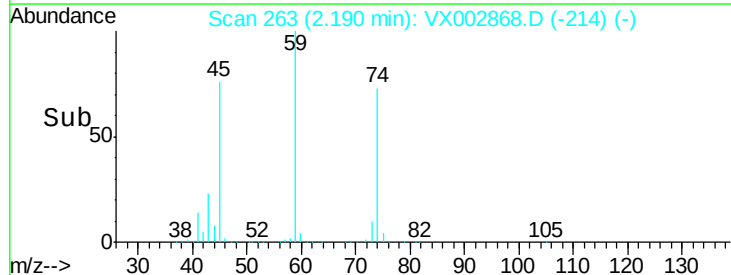
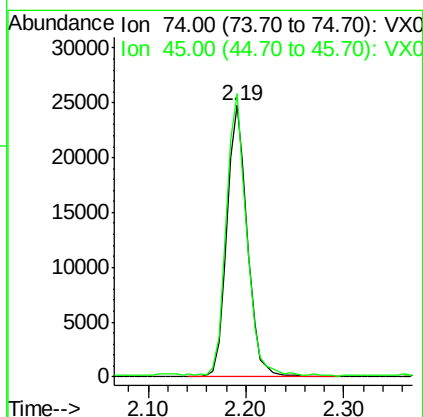
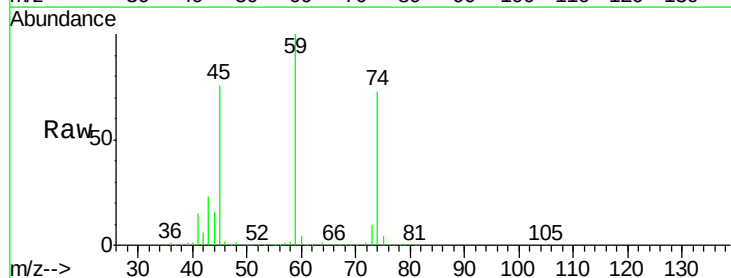
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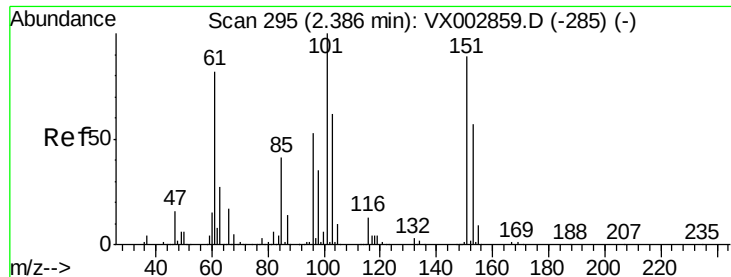


#8

Diethyl Ether
Concen: 18.66 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion: 74 Resp: 35894
Ion Ratio Lower Upper
74 100
45 101.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.40 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

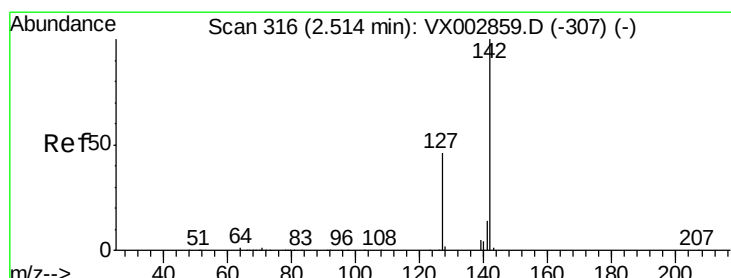
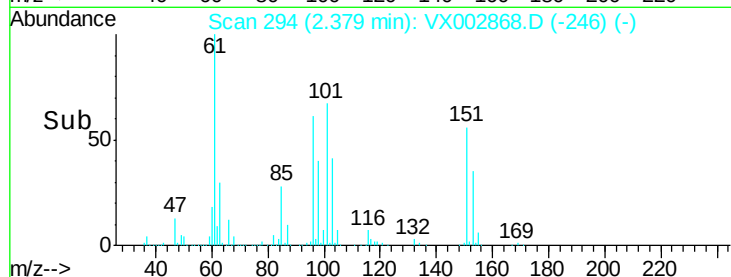
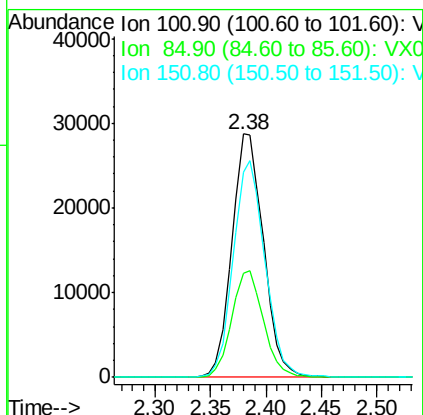
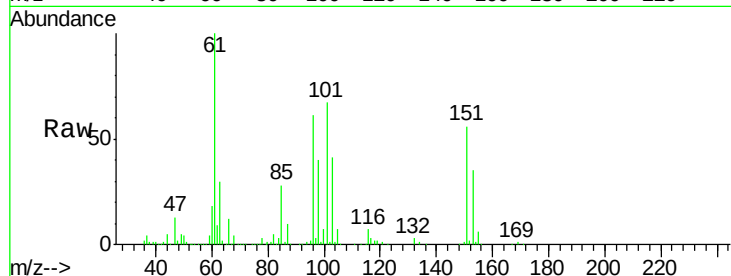
ClientSampled :

VX0625WBS01

Tot Ion:	101	Resp:	56414
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.0	54.0
151	89.7	70.9	106.3

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#10

Methyl Iodide

Concen: 19.15 ug/l

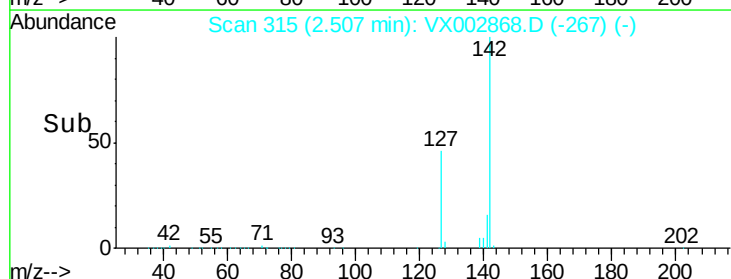
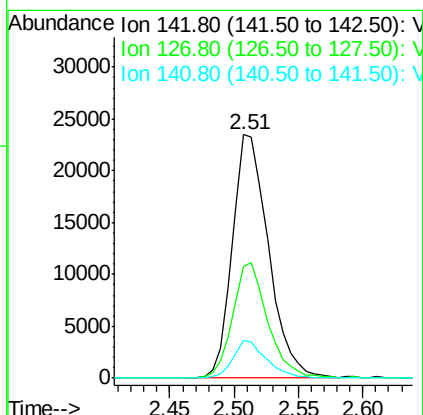
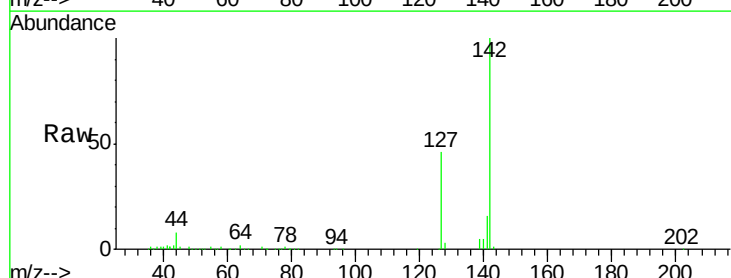
RT: 2.51 min Scan# 315

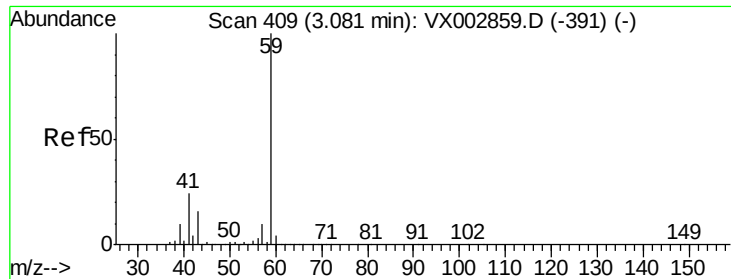
Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Tgt Ion:	142	Resp:	45917
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.6	55.0
141	14.5	11.3	16.9





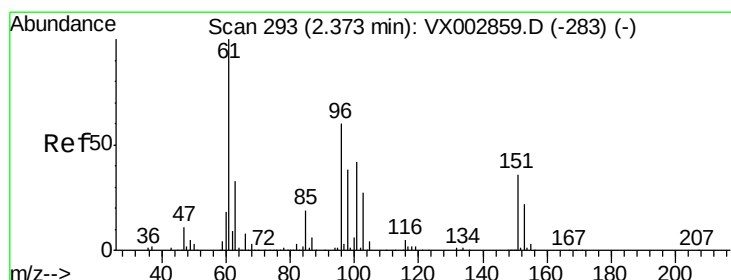
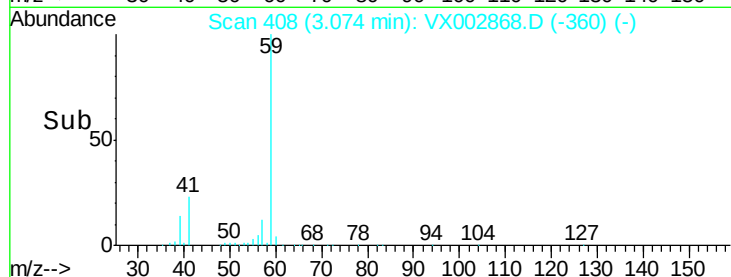
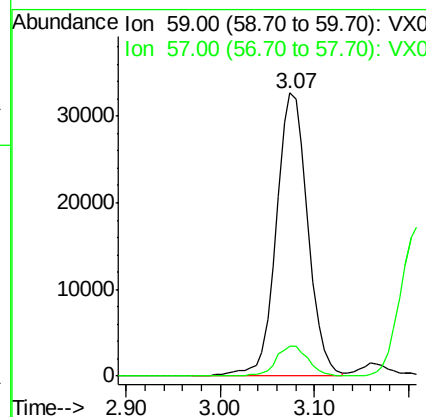
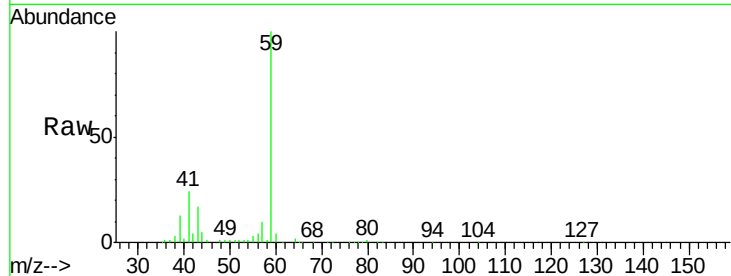
#11
Tert butyl alcohol
Concen: 99.71 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion: 59 Resp: 76163
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

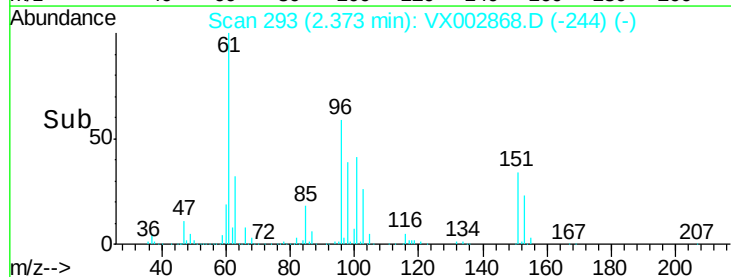
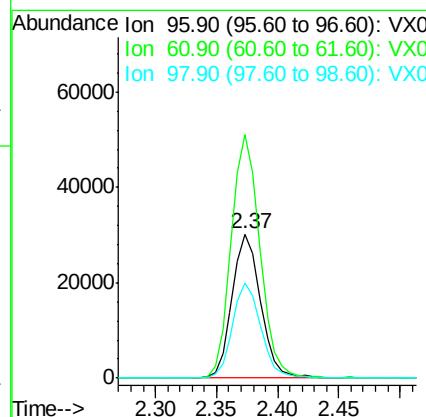
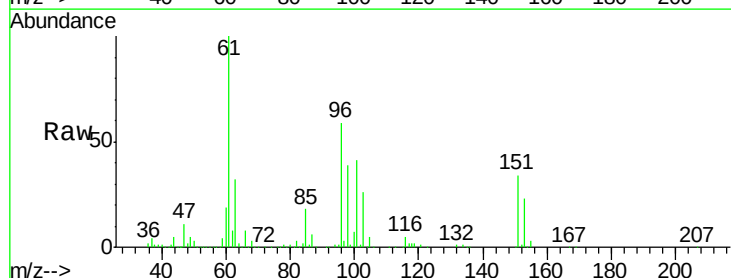
Manual Integrations
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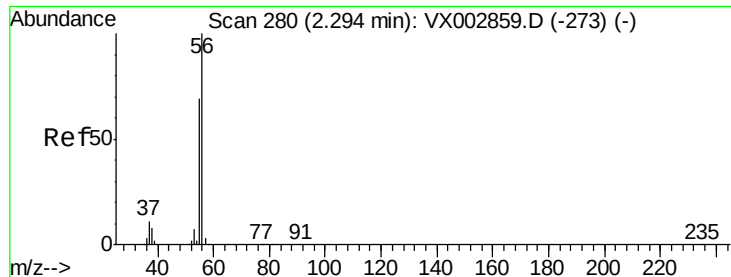
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.84 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion: 96 Resp: 48808
Ion Ratio Lower Upper
96 100
61 168.9 137.9 206.9
98 65.7 51.6 77.4





#13

Acrolein

Concen: 98.60 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 56 Resp: 40652

Ion Ratio Lower Upper

56 100

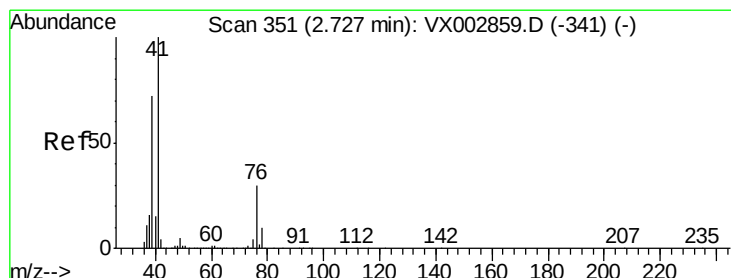
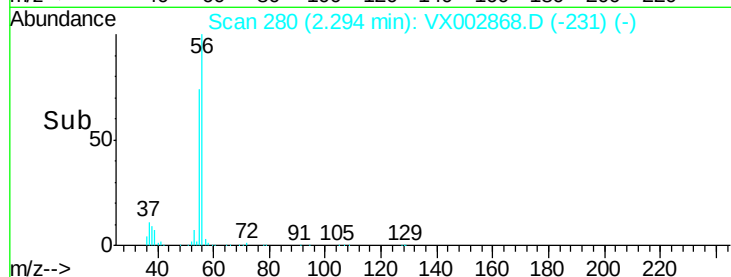
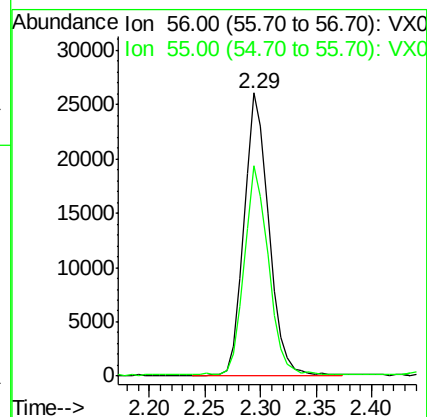
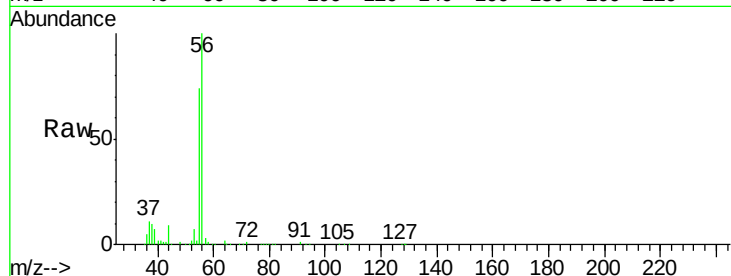
55 71.5 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 18.38 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

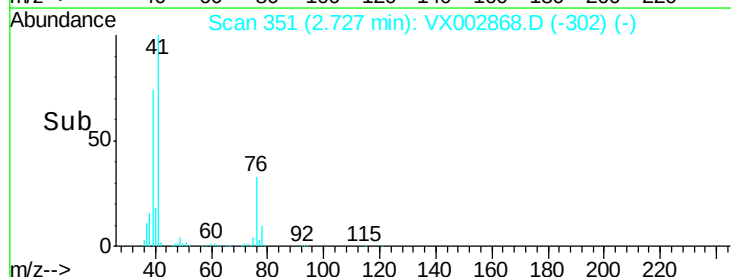
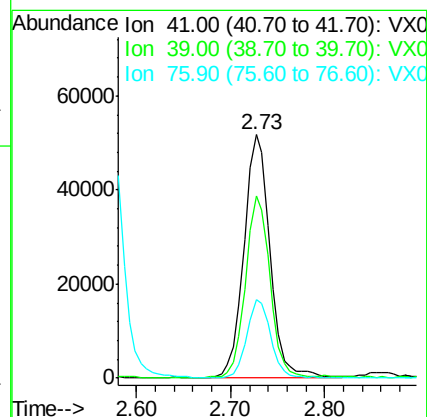
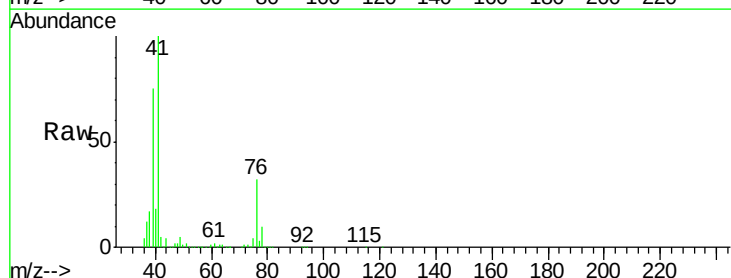
Tgt Ion: 41 Resp: 99108

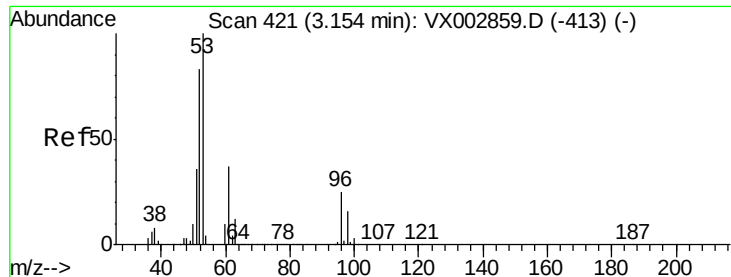
Ion Ratio Lower Upper

41 100

39 70.4 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 95.98 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

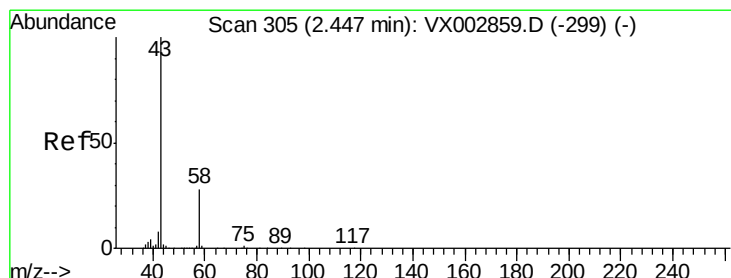
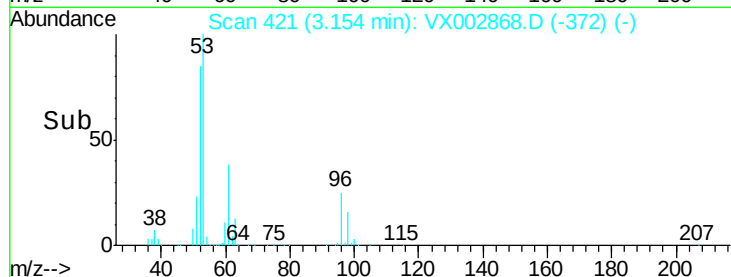
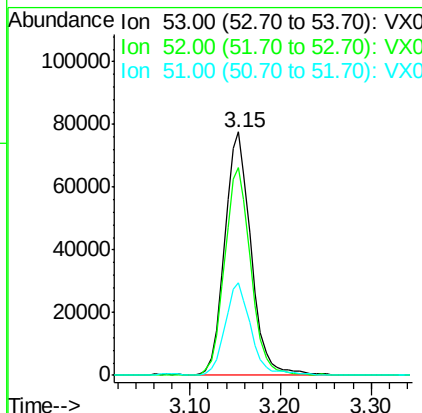
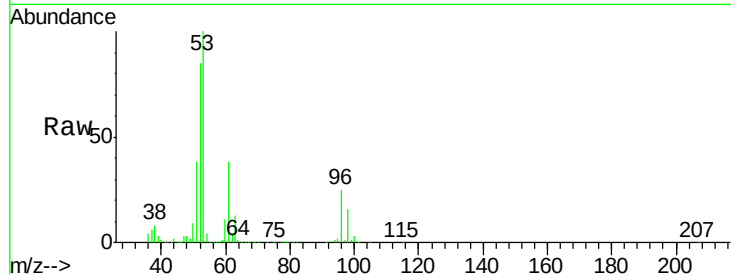
ClientSampled :

VX0625WBS01

Tot Ion:	53	Resp:	156608
Ion Ratio	Lower	Upper	
53	100		
52	85.2	66.7	100.1
51	37.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 95.43 ug/l

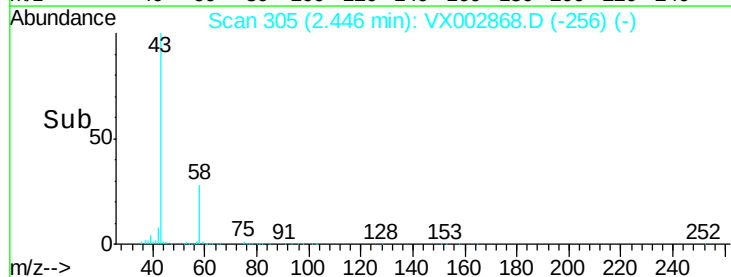
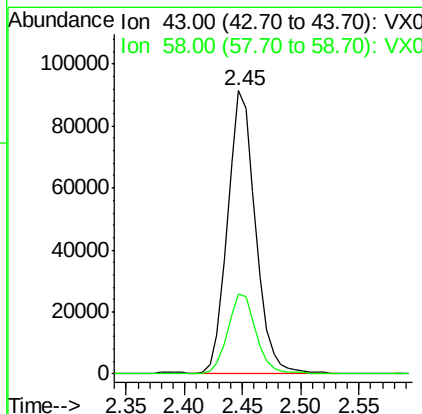
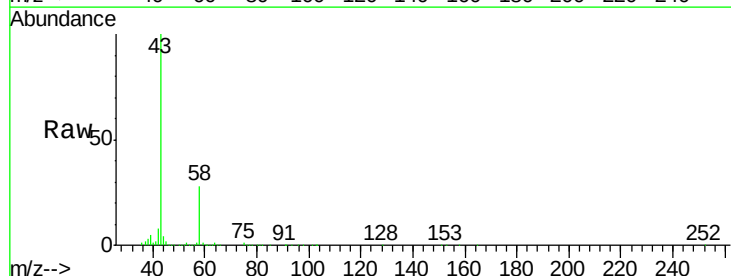
RT: 2.45 min Scan# 305

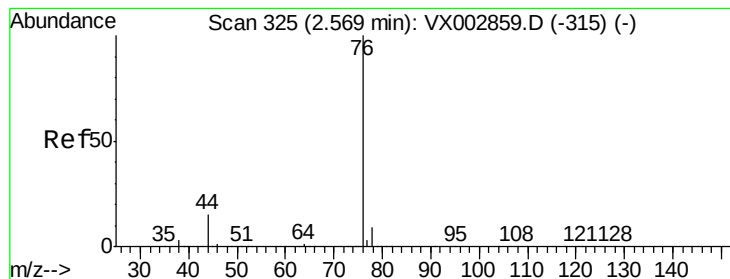
Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Tgt Ion:	43	Resp:	151547
Ion Ratio	Lower	Upper	
43	100		
58	28.0	22.1	33.1





#17

Carbon Disulfide

Concen: 17.10 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 76 Resp: 124673

Ion Ratio Lower Upper

76 100

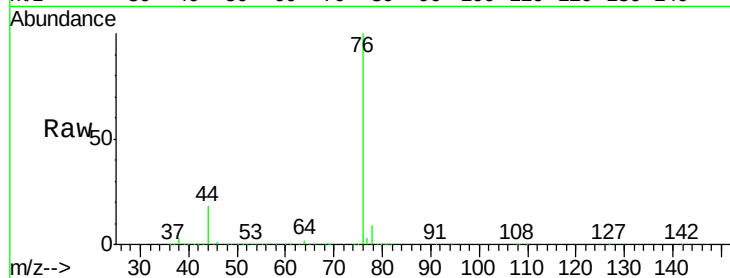
78 8.6 6.9 10.3

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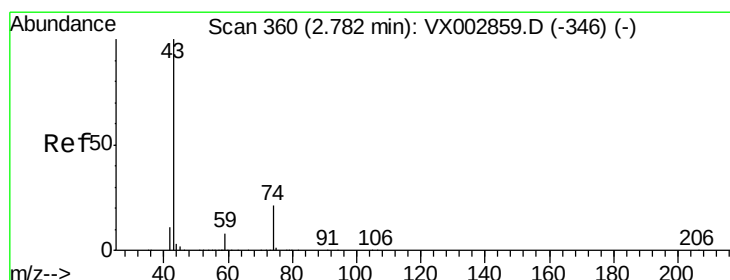
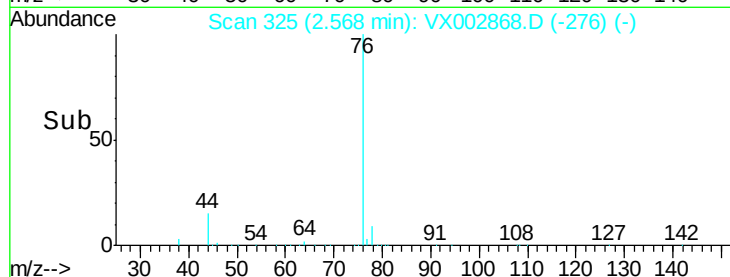
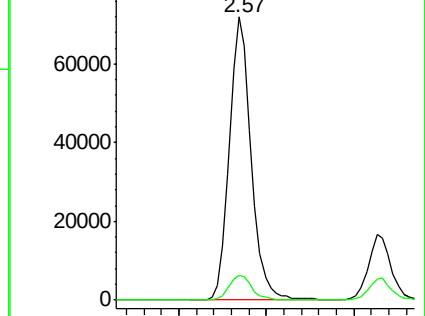
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.85 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002868.D

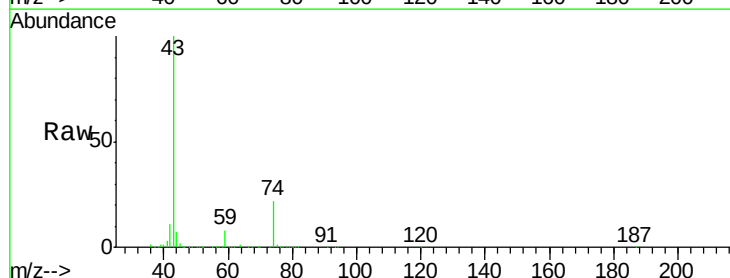
Acq: 25 Jun 2018 19:28

Tgt Ion: 43 Resp: 92557

Ion Ratio Lower Upper

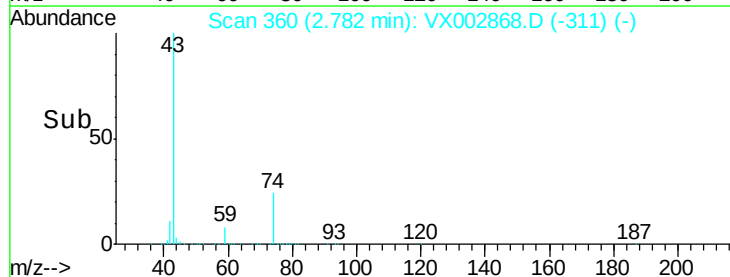
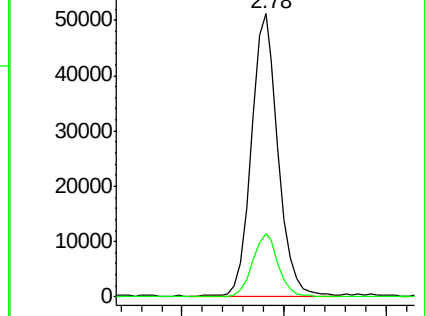
43 100

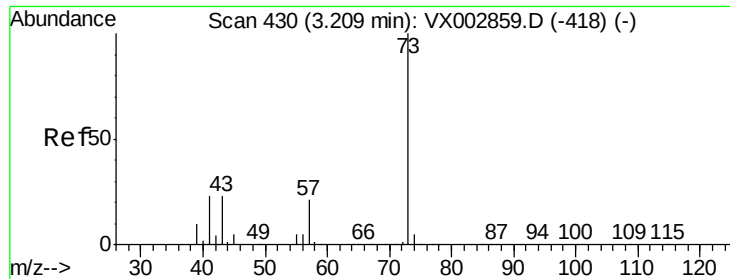
74 21.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





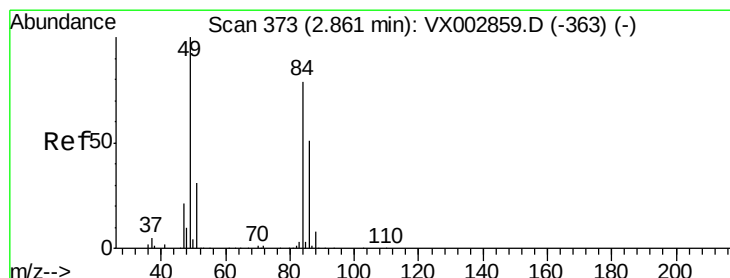
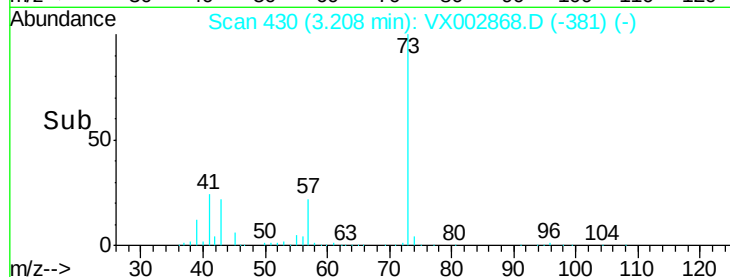
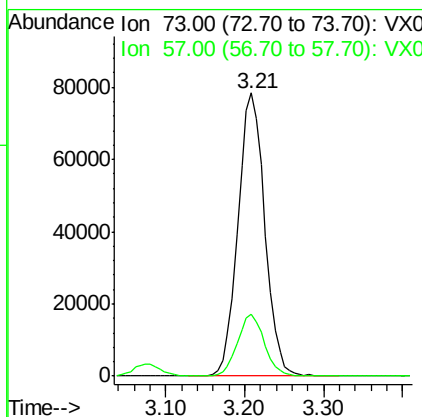
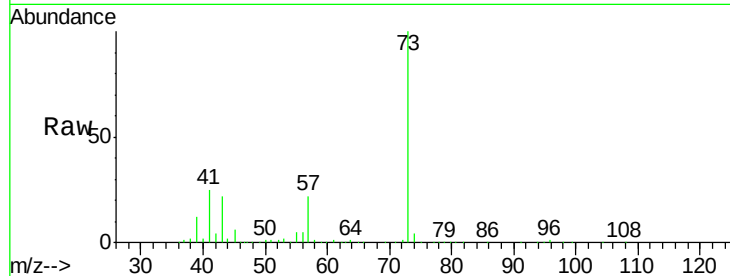
#19
Methyl tert-butyl Ether
Concen: 18.85 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion: 73 Resp: 185439
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

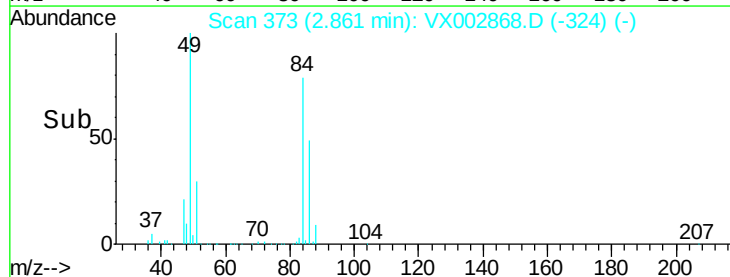
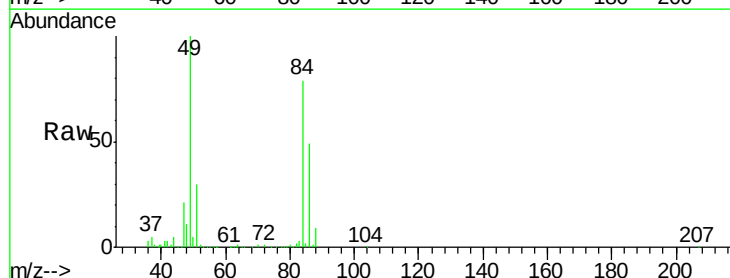
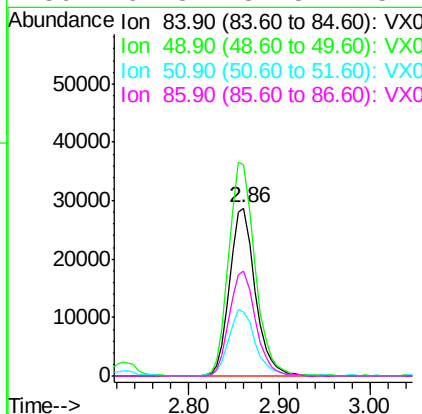
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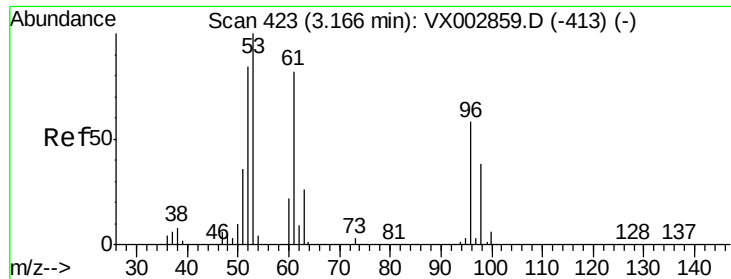
MMDadoda
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#20
Methylene Chloride
Concen: 18.35 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion: 84 Resp: 56693
Ion Ratio Lower Upper
84 100
49 126.0 107.8 161.6
51 38.4 32.8 49.2
86 62.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

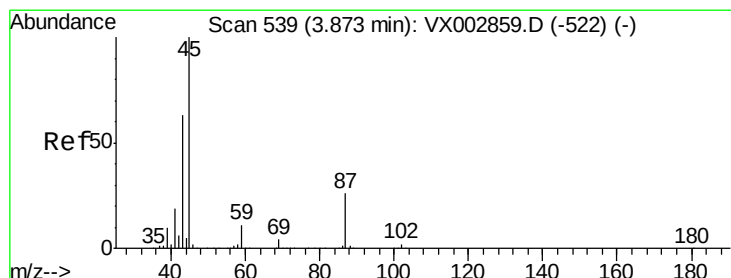
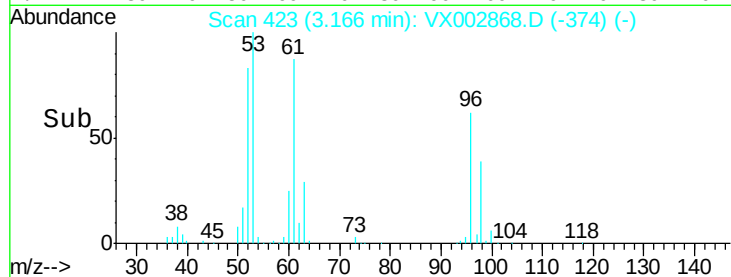
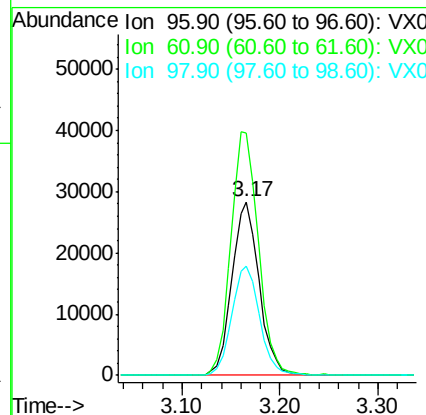
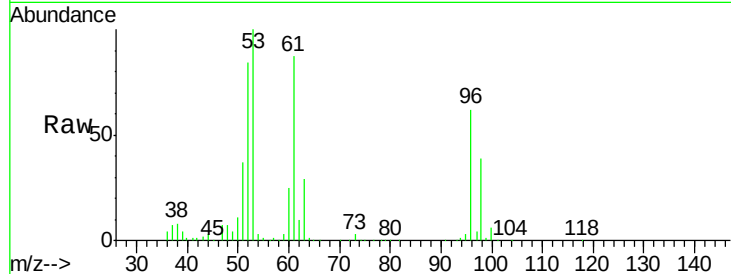
ClientSampled :

VX0625WBS01

Tot Ion:	96	Resp:	54703
Ion	Ratio	Lower	Upper
96	100		
61	139.6	117.0	175.4
98	63.1	52.4	78.6

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#22

Diisopropyl ether

Concen: 18.53 ug/l

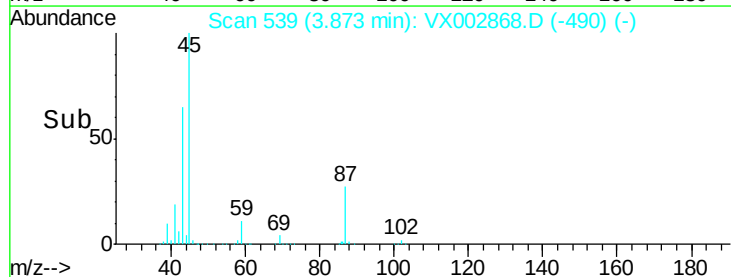
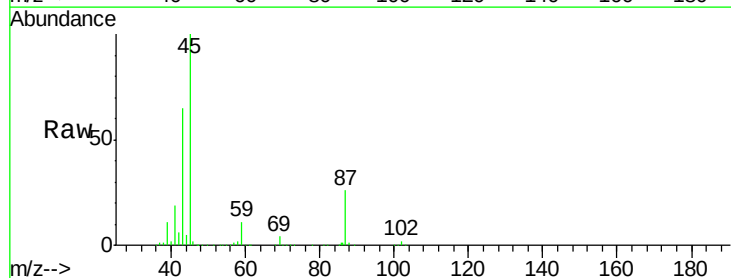
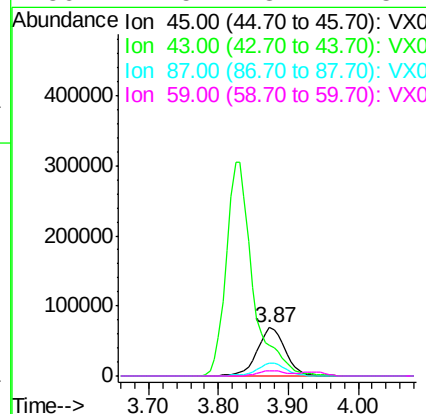
RT: 3.87 min Scan# 539

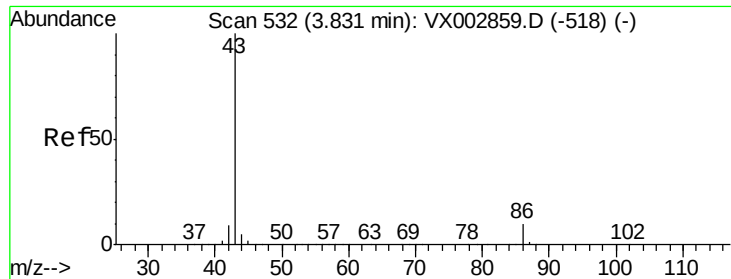
Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Tgt Ion:	45	Resp:	190992
Ion	Ratio	Lower	Upper
45	100		
43	64.6	46.8	70.2
87	26.5	20.2	30.4
59	11.5	8.7	13.1





#23

Vinyl Acetate

Concen: 92.40 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 43 Resp: 806648

Ion Ratio Lower Upper

43 100

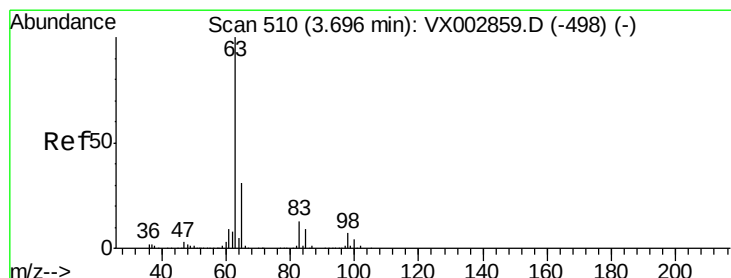
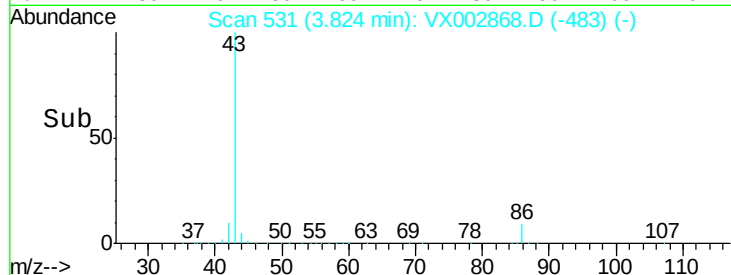
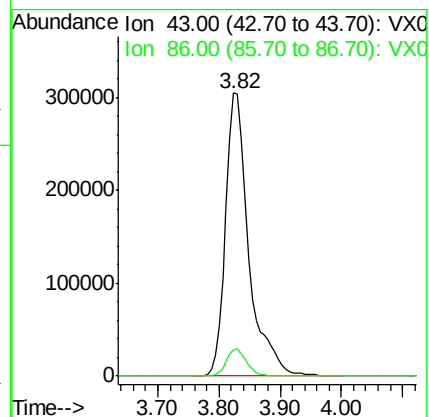
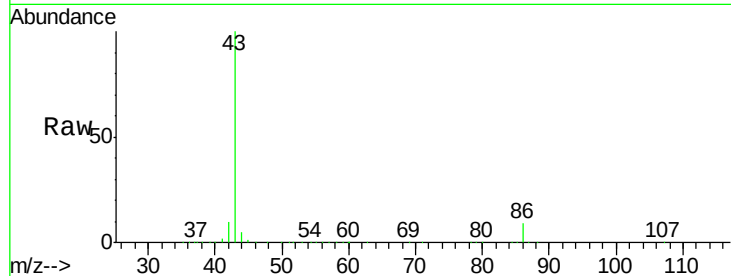
86 9.2 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.71 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

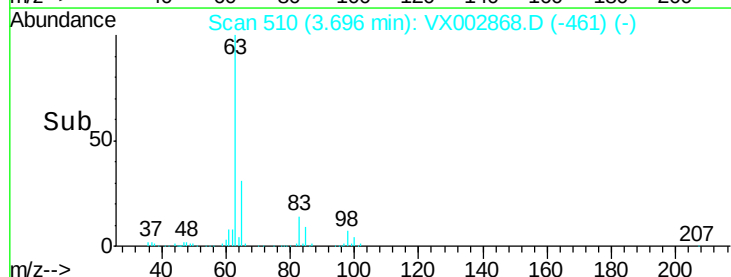
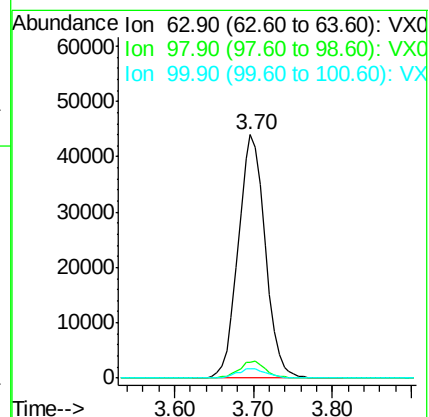
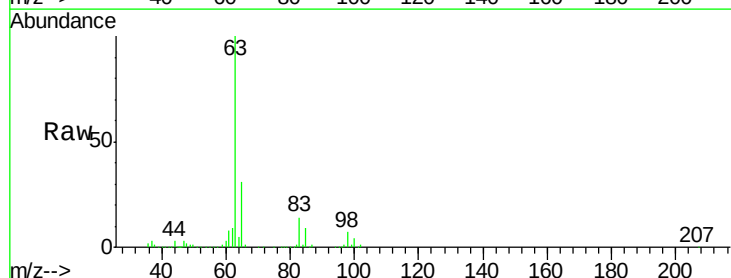
Tgt Ion: 63 Resp: 104815

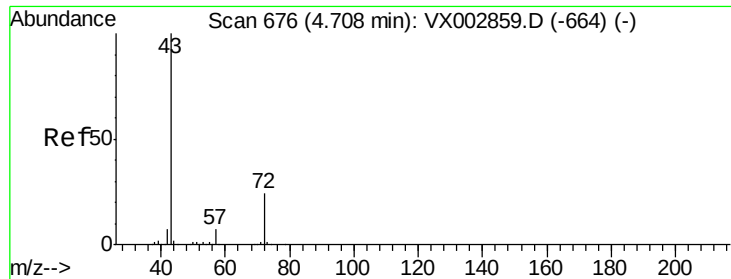
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 97.09 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 43 Resp: 228806

Ion Ratio Lower Upper

43 100

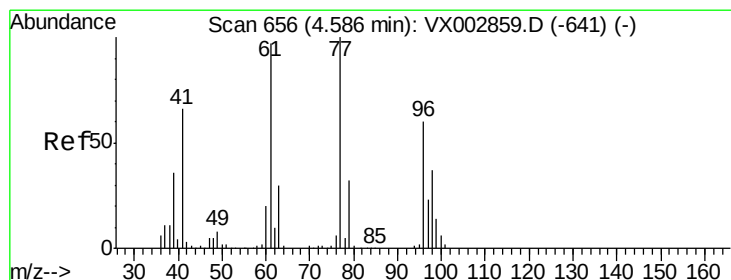
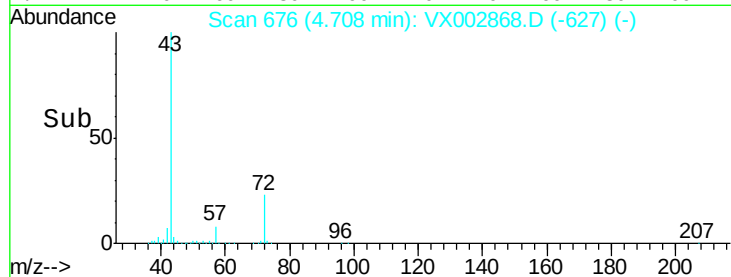
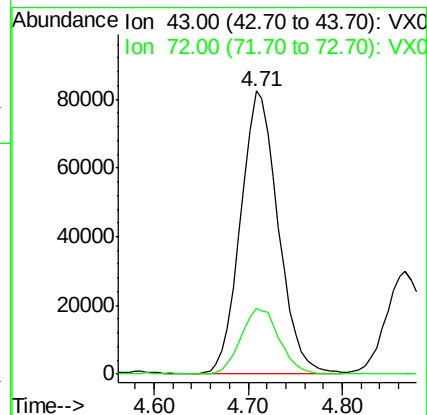
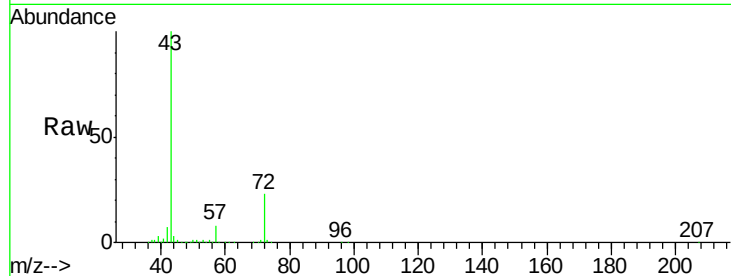
72 23.2 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.62 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002868.D

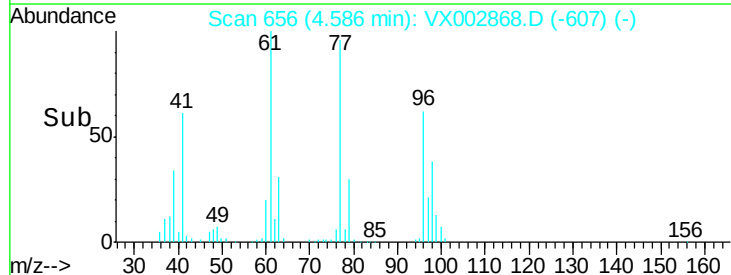
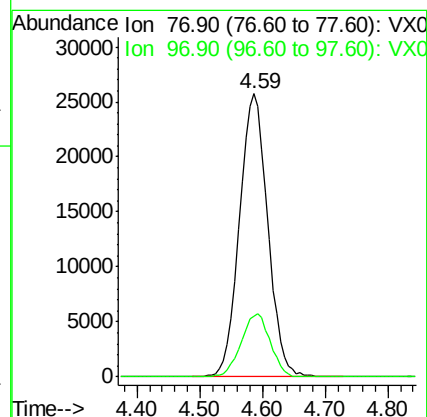
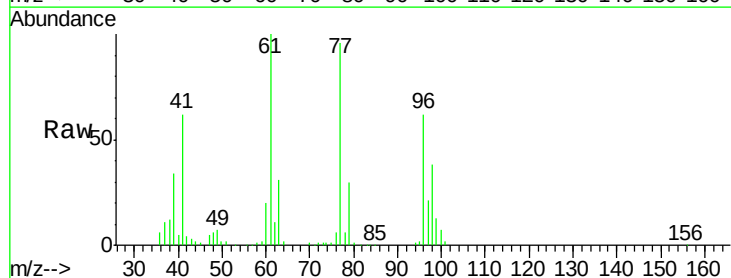
Acq: 25 Jun 2018 19:28

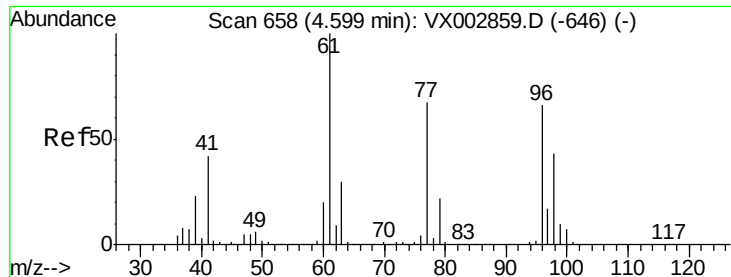
Tgt Ion: 77 Resp: 80282

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 18.77 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

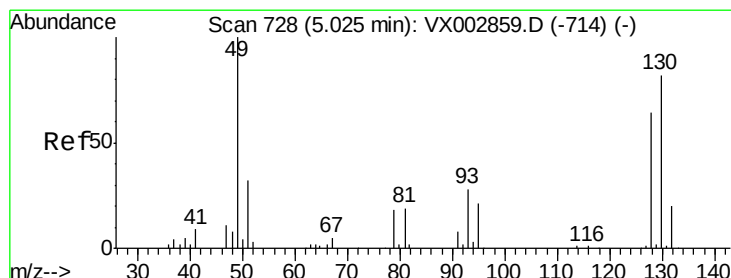
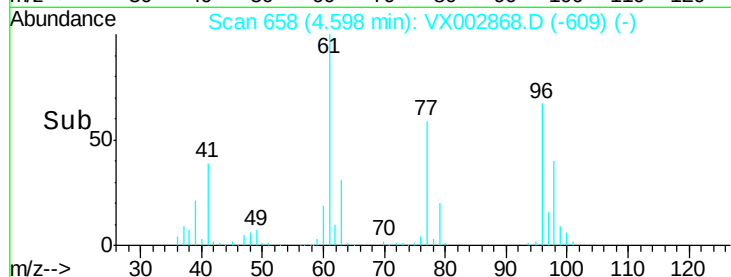
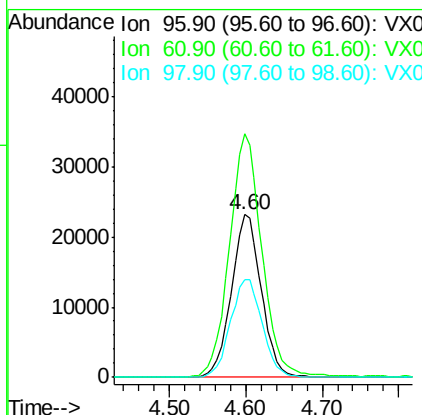
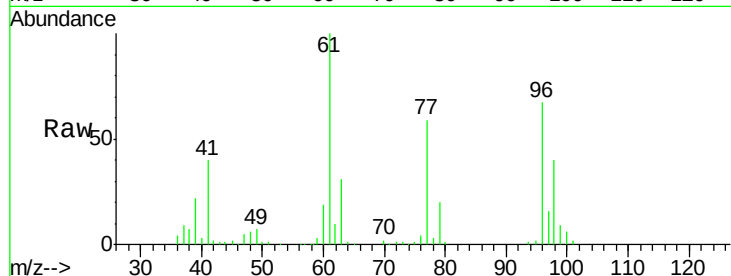
ClientSampleId :

VX0625WBS01

Tot Ion:	96	Resp:	62725
Ion	Ratio	Lower	Upper
96	100		
61	163.3	0.0	330.2
98	64.0	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 19.87 ug/l

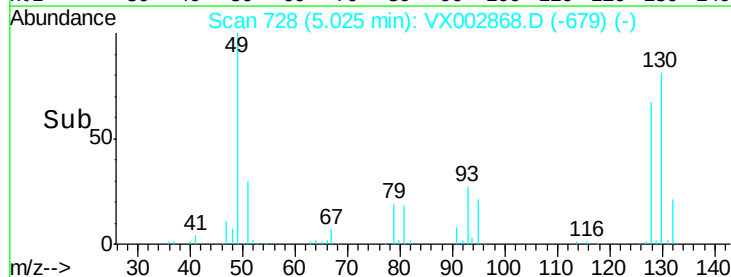
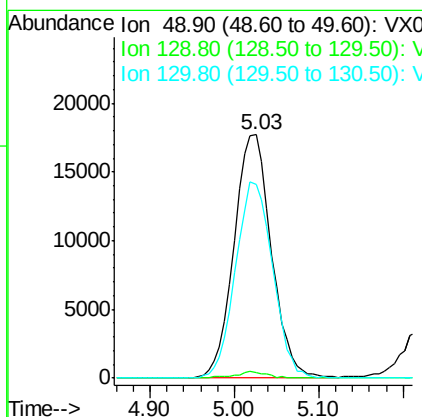
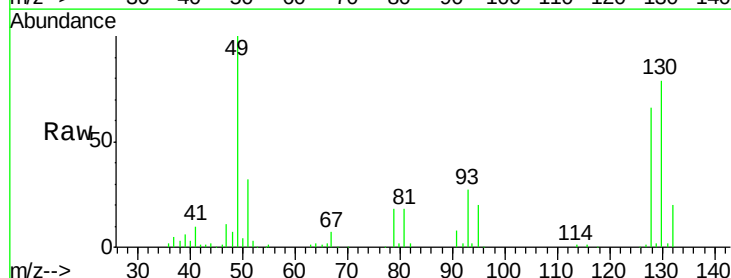
RT: 5.03 min Scan# 728

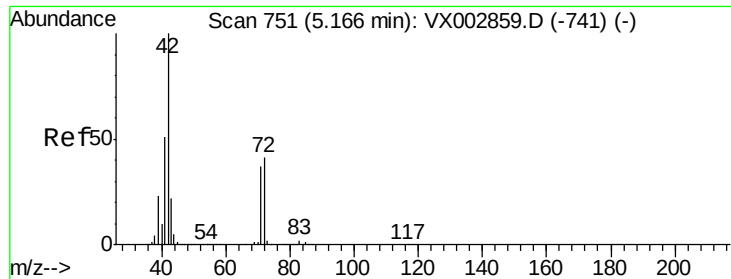
Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Tgt Ion:	49	Resp:	53298
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	80.1	61.2	91.8





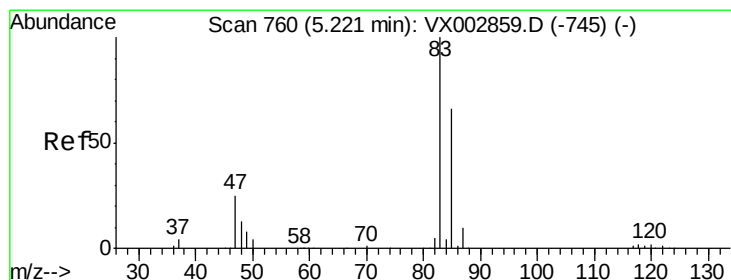
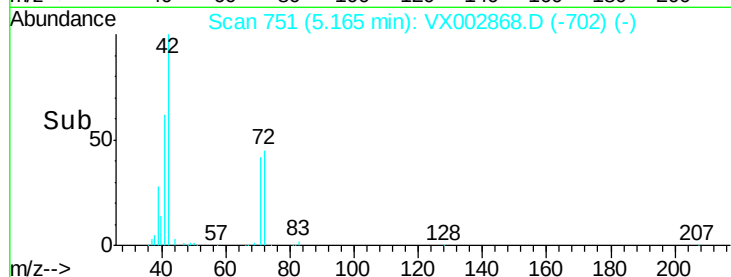
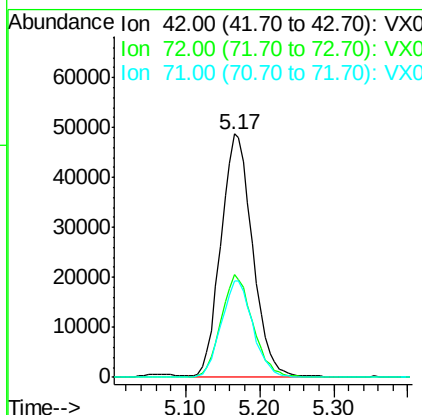
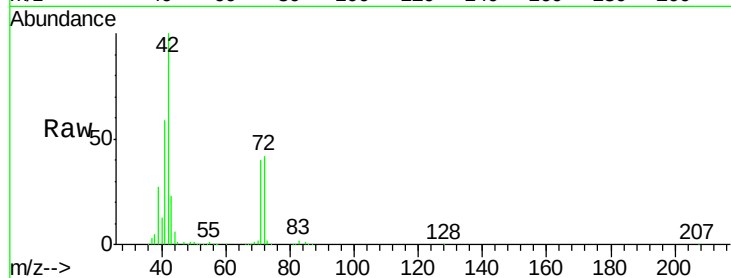
#29
Tetrahydrofuran
Concen: 95.06 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.0	48.0
71	39.8	30.1	45.1

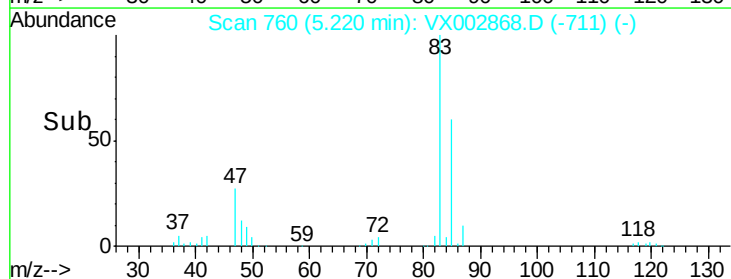
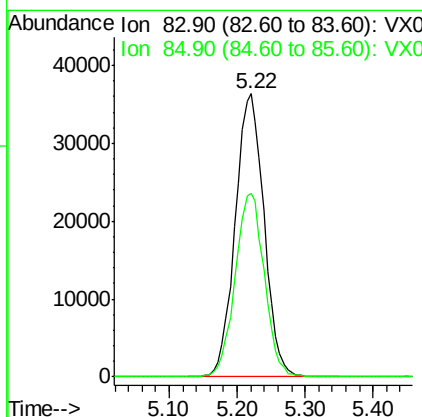
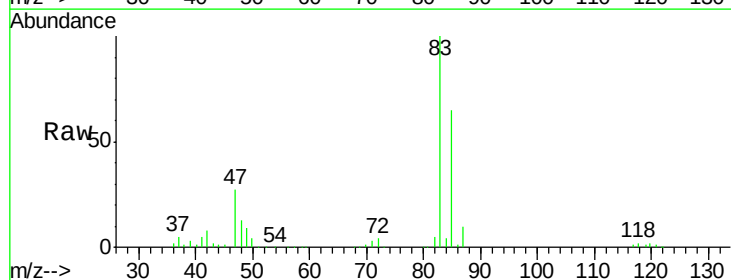
Manual Integrations
APPROVED

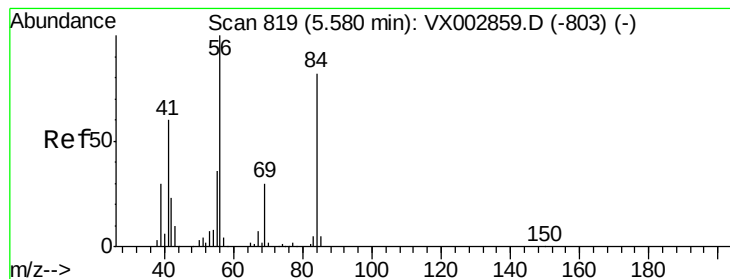
MMDadoda
6/28/2018 2:26:30 PM



#30
Chloroform
Concen: 18.59 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.4	75.6





#31

Cyclohexane

Concen: 18.39 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

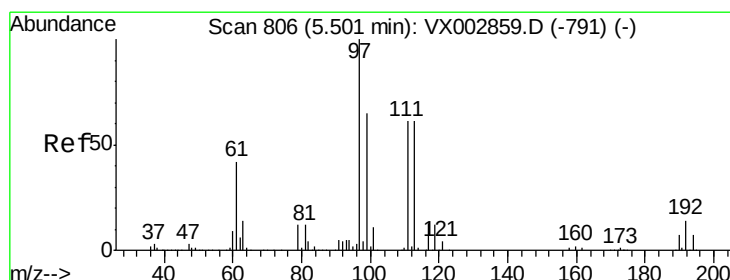
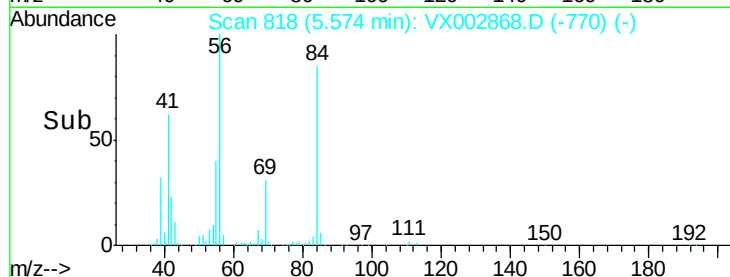
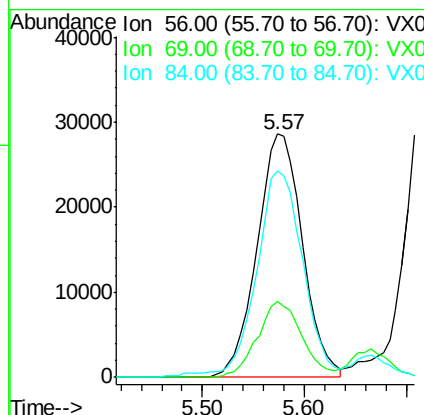
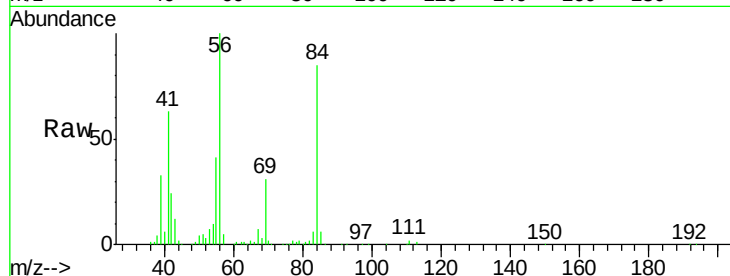
ClientSampleId :

VX0625WBS01

Tot Ion:	56	Resp:	88445
Ion	Ratio	Lower	Upper
56	100		
69	31.3	23.7	35.5
84	83.1	64.1	96.1

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 18.41 ug/l

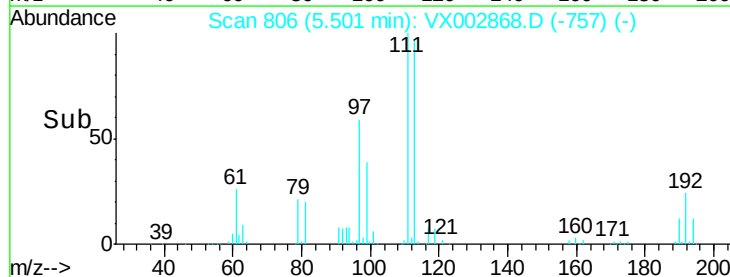
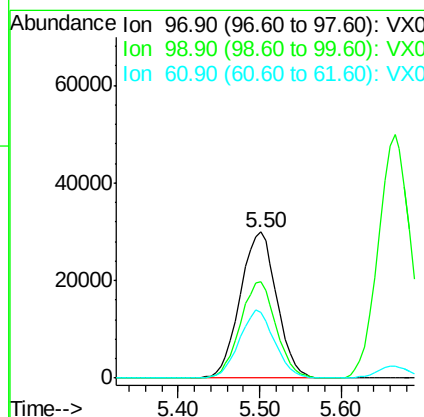
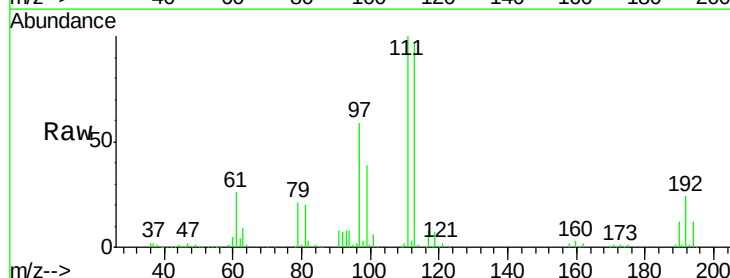
RT: 5.50 min Scan# 806

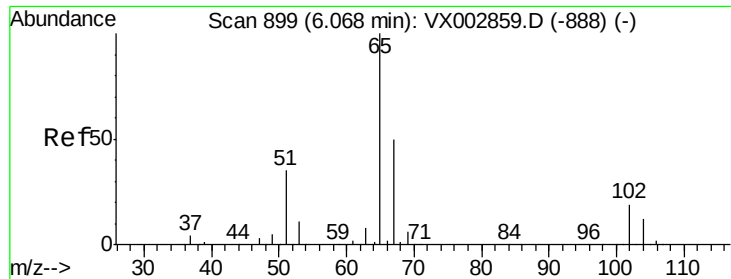
Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Tgt Ion:	97	Resp:	93158
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	45.1	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 49.03 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Tot Ion: 65 Resp: 188023

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6

Instrument :

MSVOA_X

ClientSampleId :

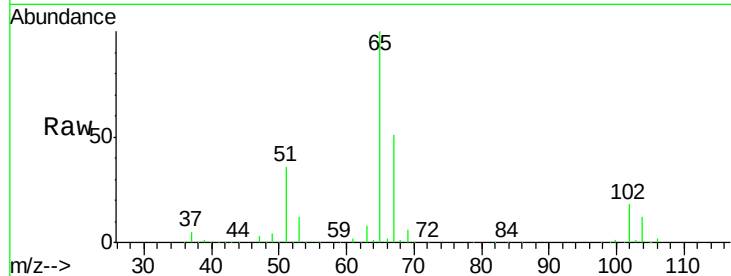
VX0625WBS01

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

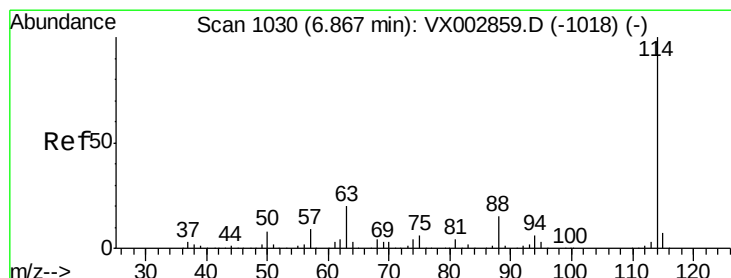
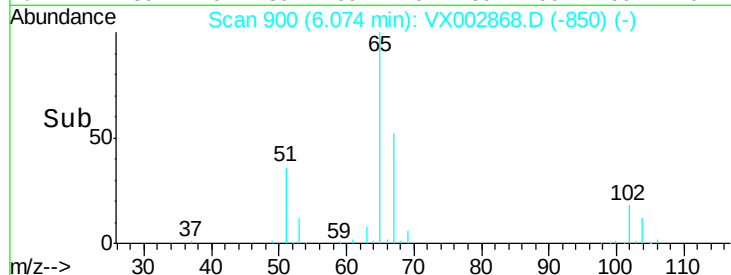
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

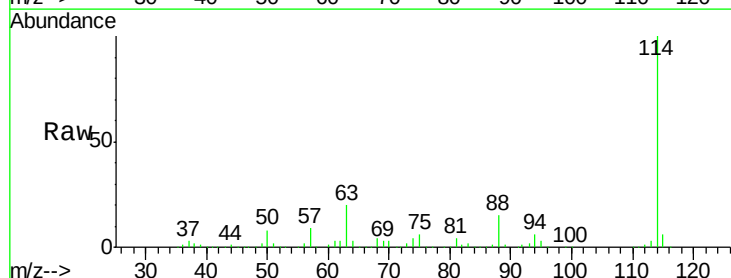
Tgt Ion: 114 Resp: 380531

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

88 15.4 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

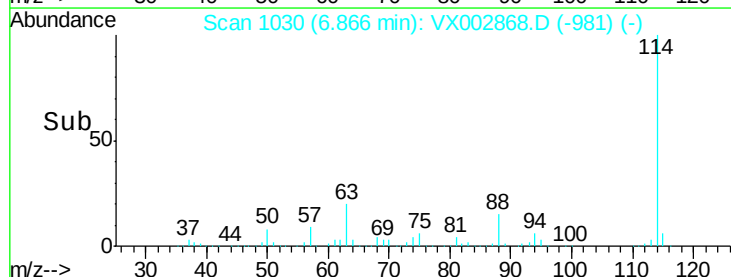
150000

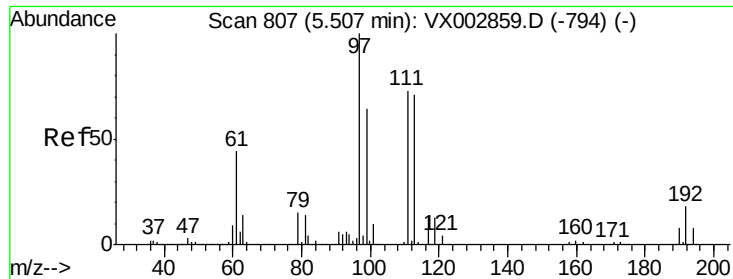
100000

50000

0

Time-->





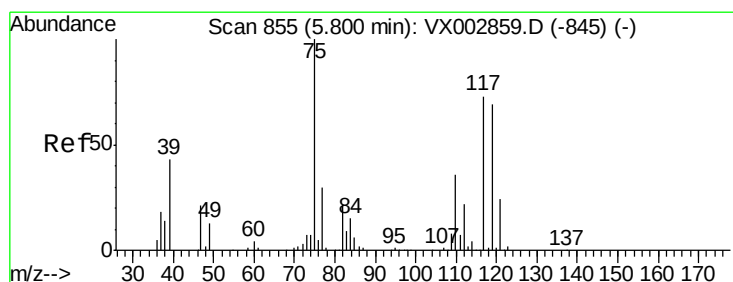
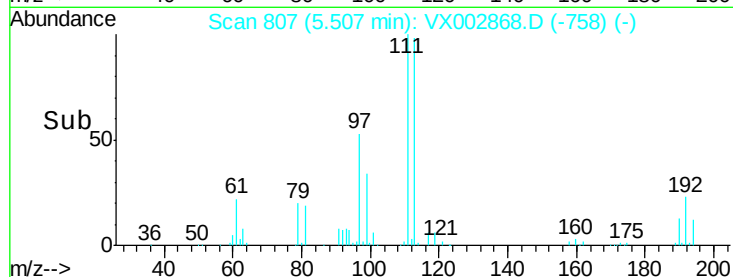
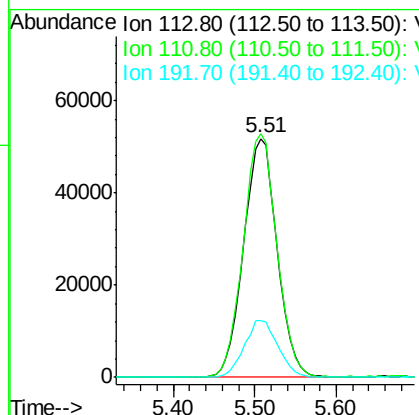
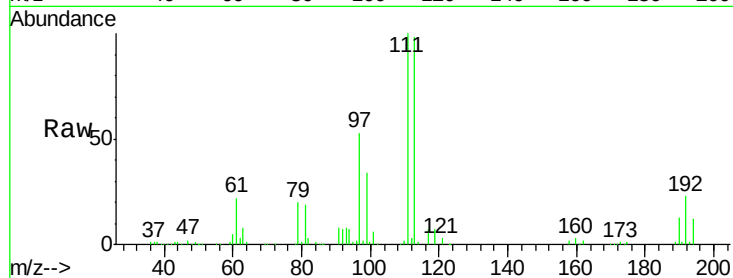
#35
Dibromofluoromethane
Concen: 49.03 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	147758		
111	102.4	81.4	122.0	
192	24.2	19.1	28.7	

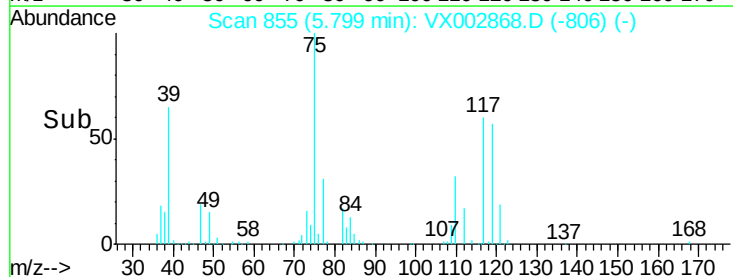
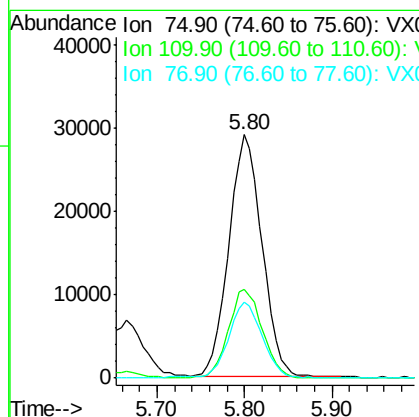
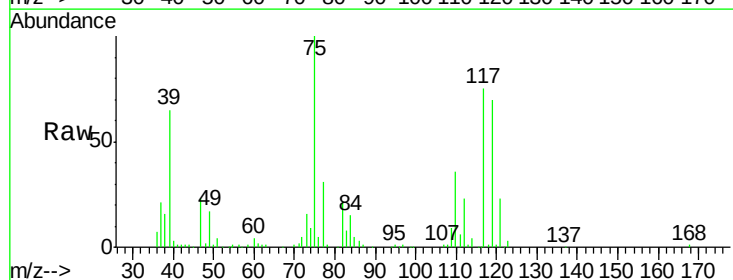
Manual Integrations
APPROVED

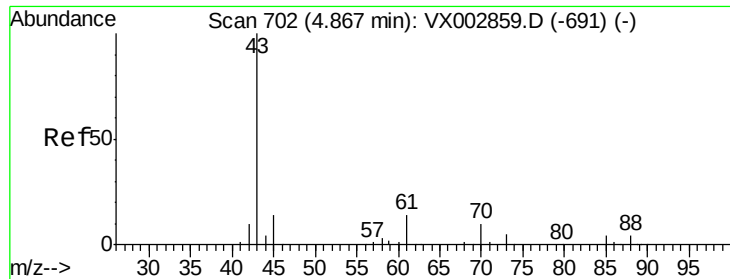
MMDadoda
6/28/2018 2:26:30 PM



#36
1,1-Dichloropropene
Concen: 18.34 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76527		
110	37.6	18.1	54.4	
77	32.5	24.3	36.5	





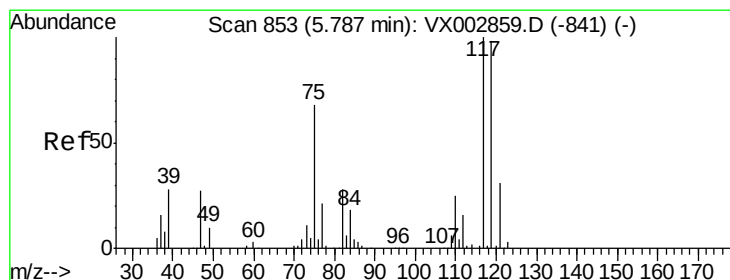
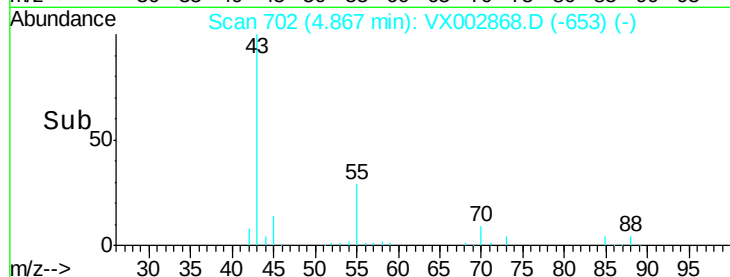
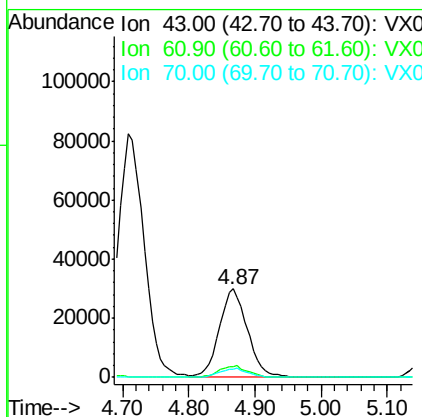
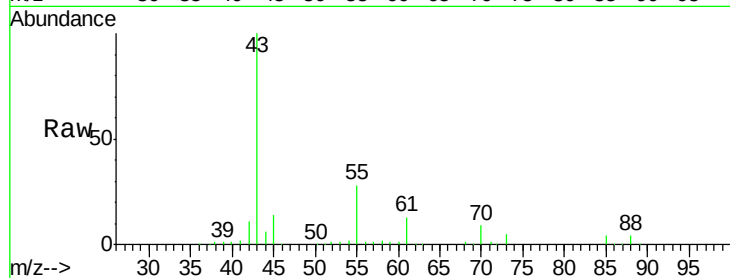
#37
Ethyl Acetate
Concen: 19.36 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.4	15.6
70	9.7	7.6	11.4

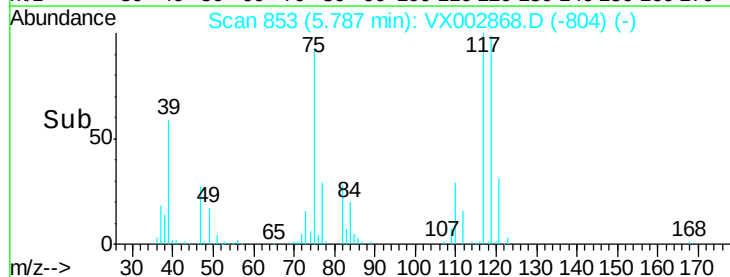
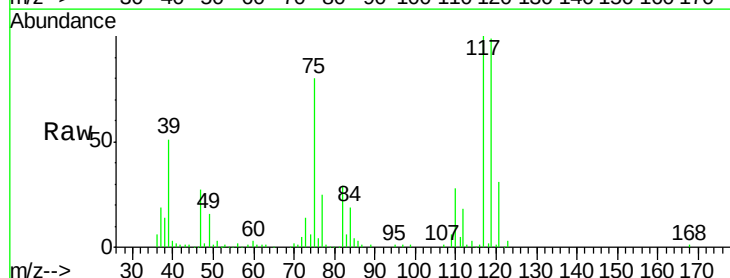
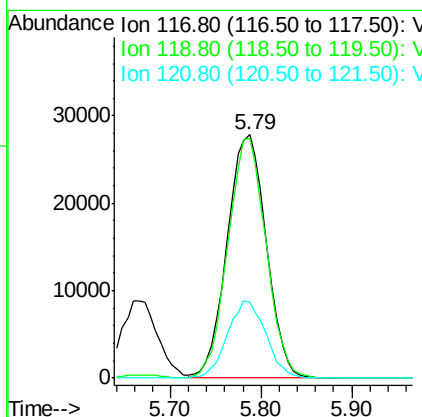
Manual Integrations
APPROVED

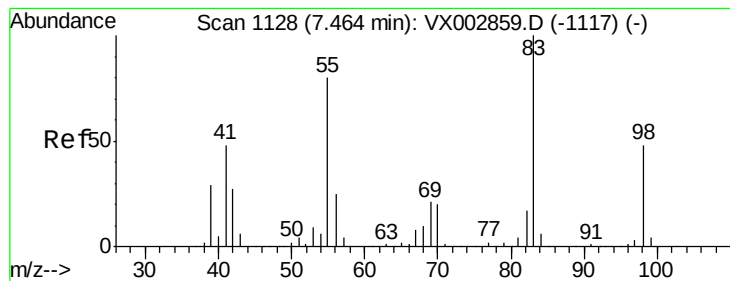
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.24 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.4	116.0
121	30.8	24.4	36.6





#39

Methylvlcyclohexane

Concen: 18.41 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 83 Resp: 89472

Ion Ratio Lower Upper

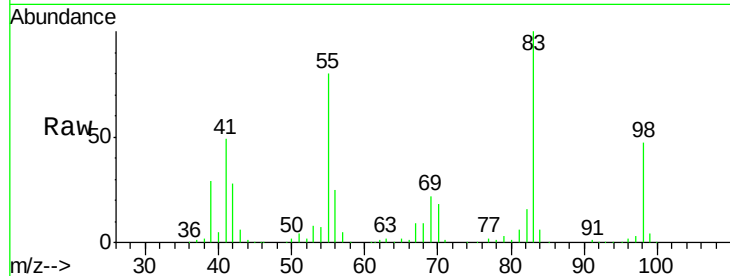
83 100

55 79.8 65.4 98.0

98 46.8 37.4 56.0

Manual Integrations
APPROVED

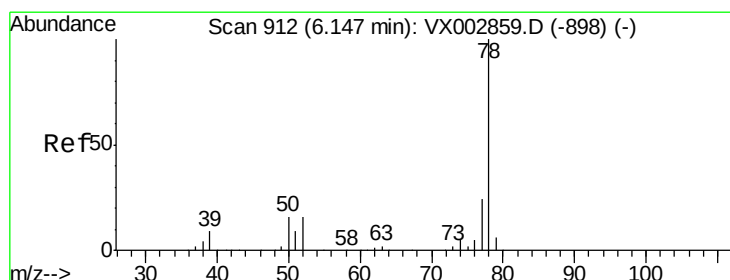
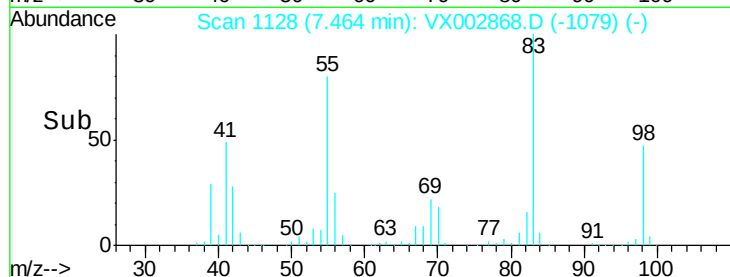
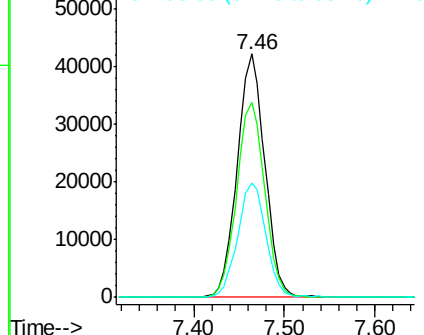
MMDadoda
6/28/2018 2:26:30 PM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 18.85 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002868.D

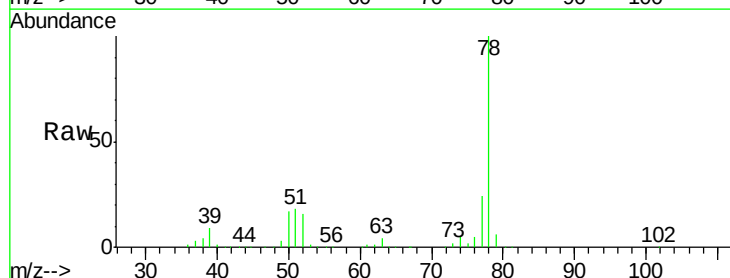
Acq: 25 Jun 2018 19:28

Tgt Ion: 78 Resp: 228520

Ion Ratio Lower Upper

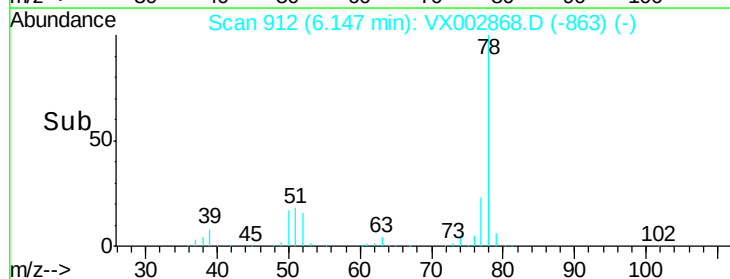
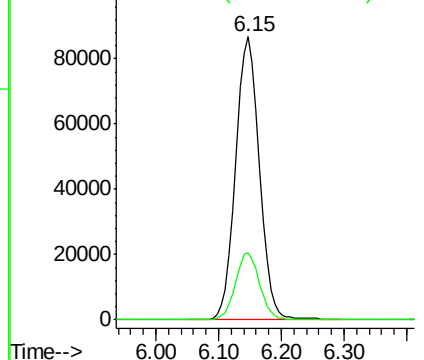
78 100

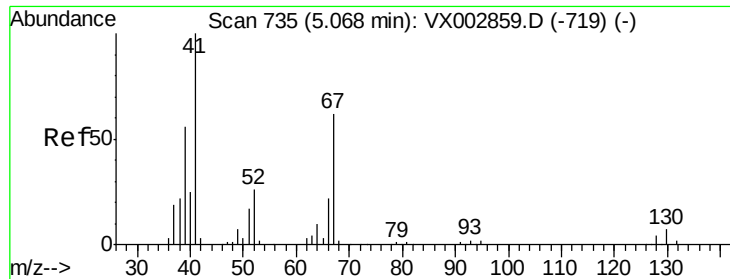
77 23.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





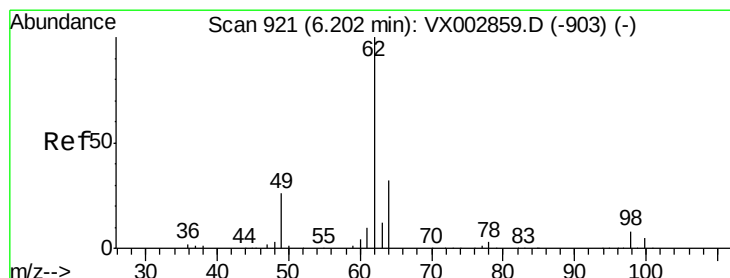
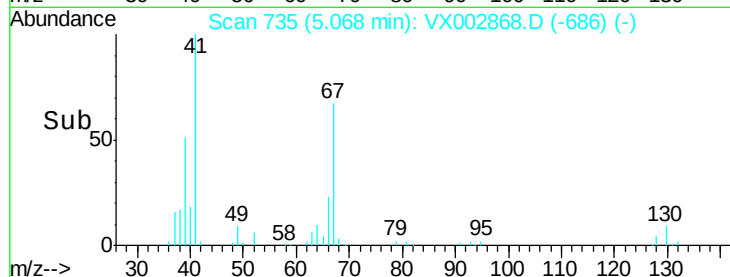
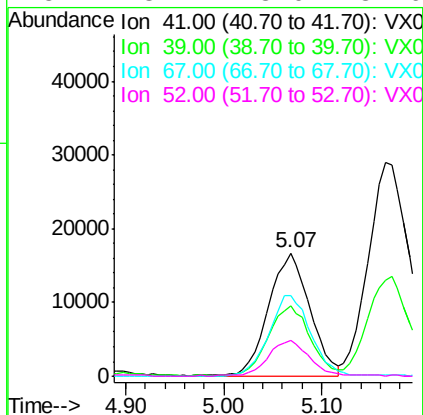
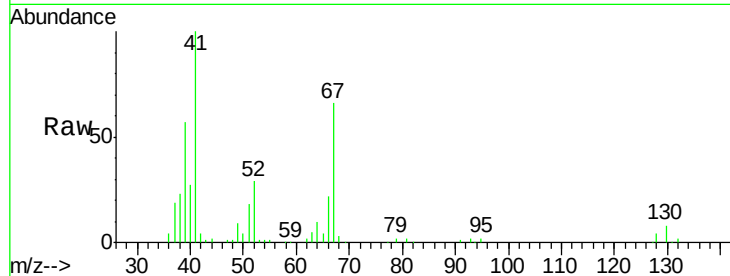
#41
Methacrylonitrile
Concen: 18.95 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.7	45.8	68.6	
67	67.0	51.3	76.9	
52	28.1	23.0	34.6	

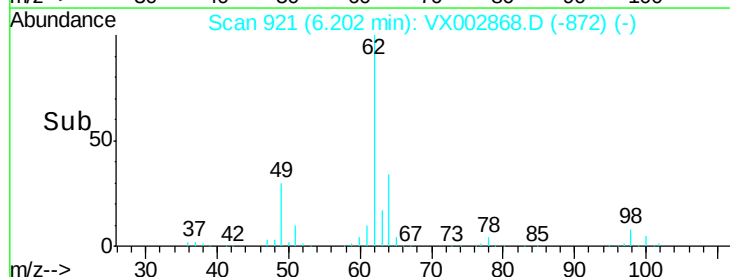
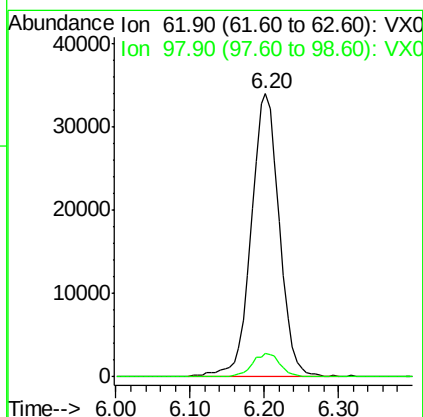
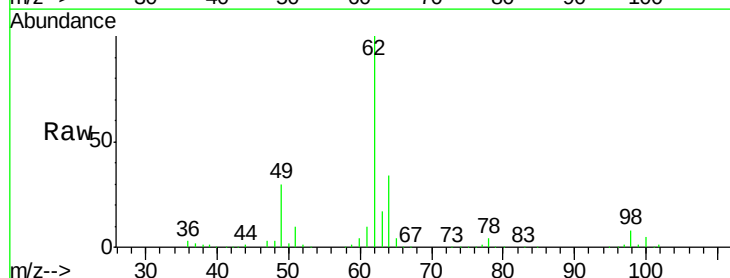
Manual Integrations
APPROVED

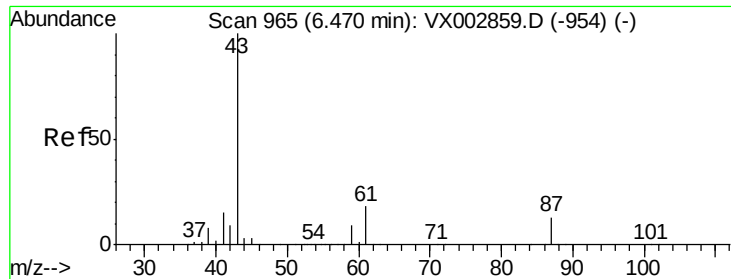
MMDadoda
6/28/2018 2:26:30 PM



#42
1,2-Dichloroethane
Concen: 18.20 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





#43

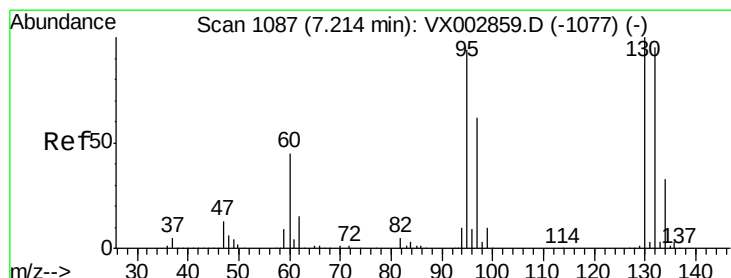
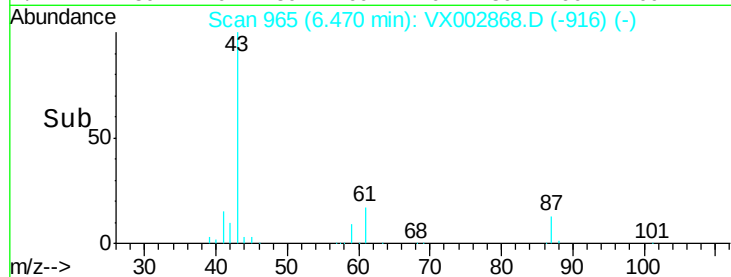
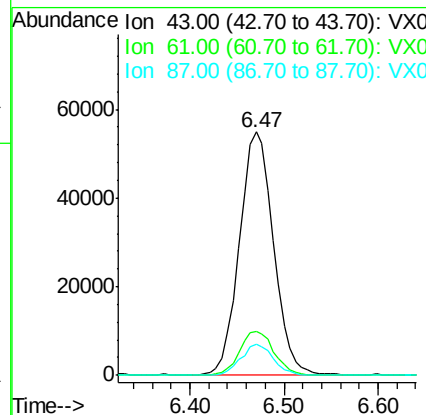
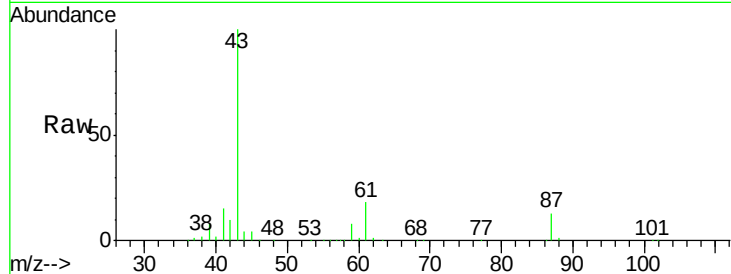
Isopropyl Acetate
 Concen: 18.30 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.4	21.6
87	12.3	9.5	14.3

Manual Integrations
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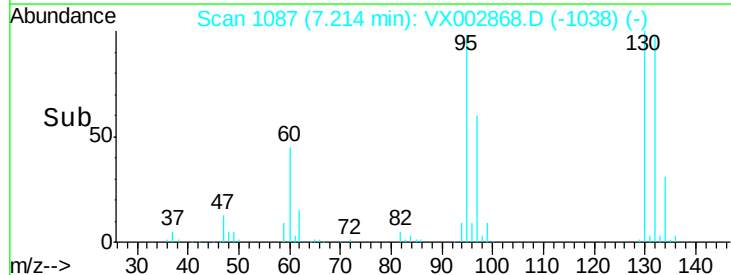
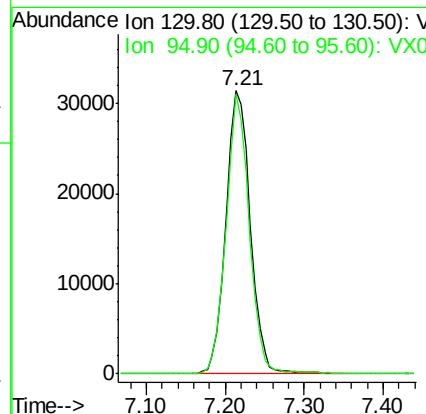
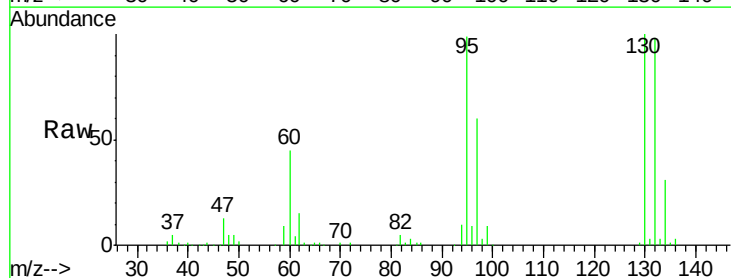
MMDadoda
 6/28/2018 2:26:30 PM

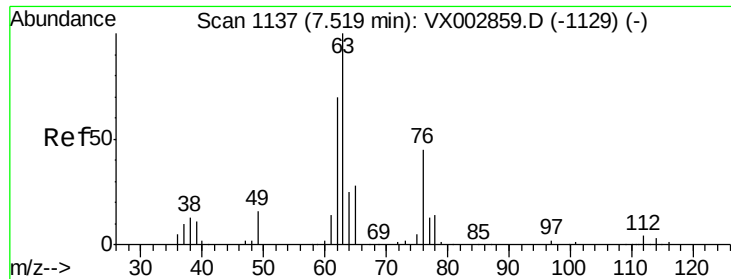


#44

Trichloroethene
 Concen: 18.81 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	185.4





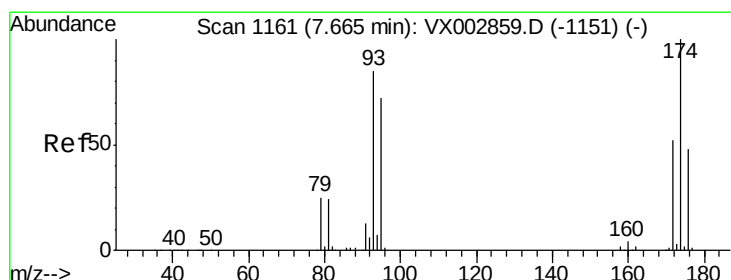
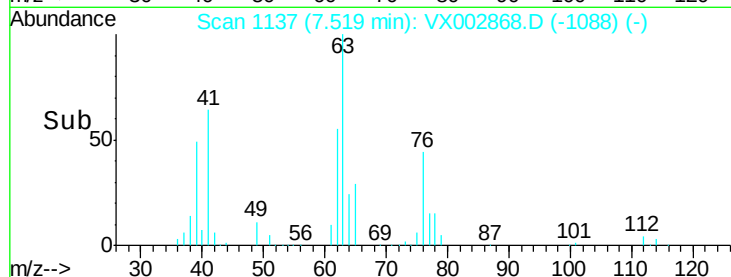
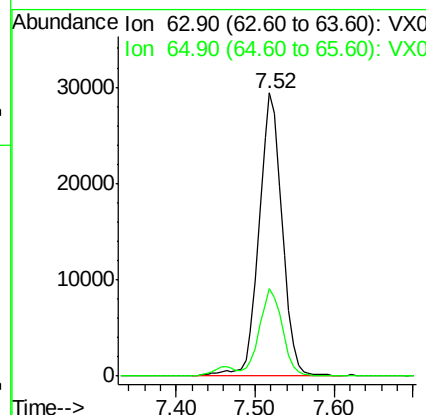
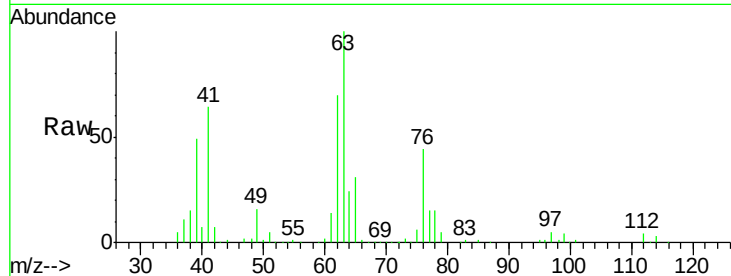
#45
 1,2-Dichloropropane
 Concen: 18.66 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion: 63 Resp: 60020
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1

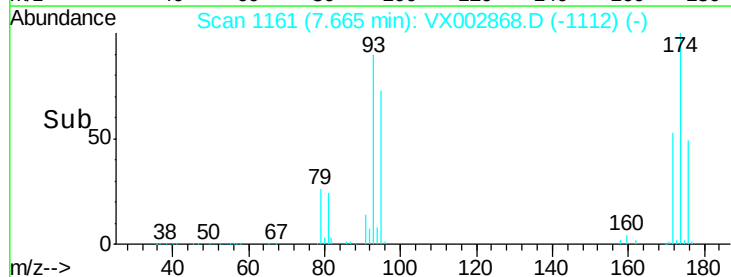
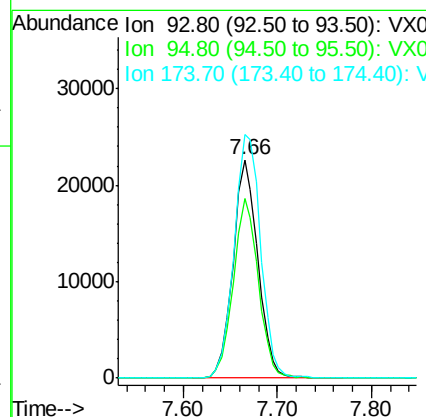
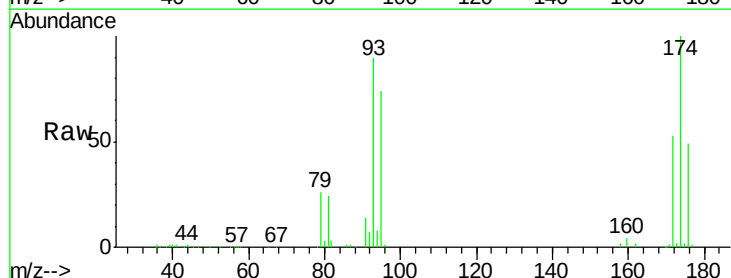
Manual Integrations
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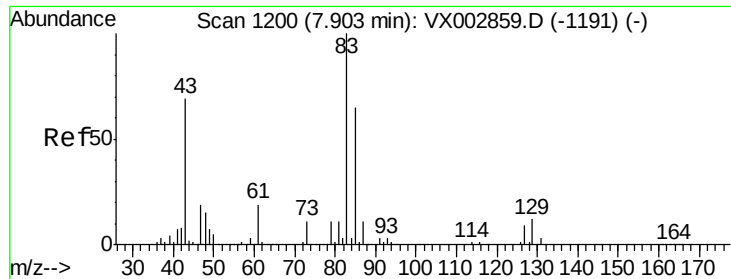
MMDadoda
 6/28/2018 2:26:30 PM



#46
 Dibromomethane
 Concen: 18.65 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion: 93 Resp: 41619
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.9 98.9
 174 118.7 92.4 138.6





#47

Bromodichloromethane

Concen: 18.28 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

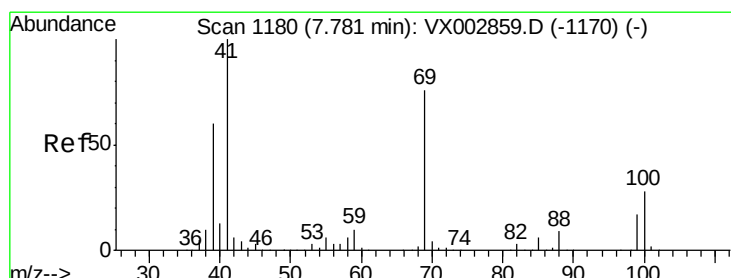
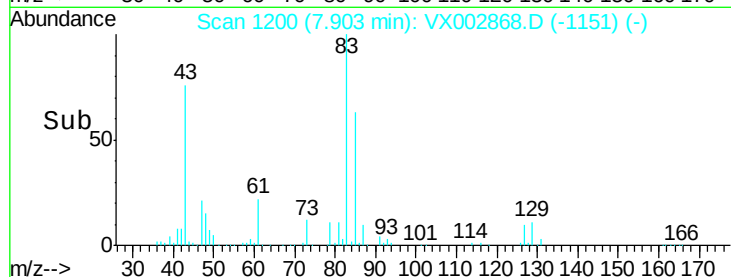
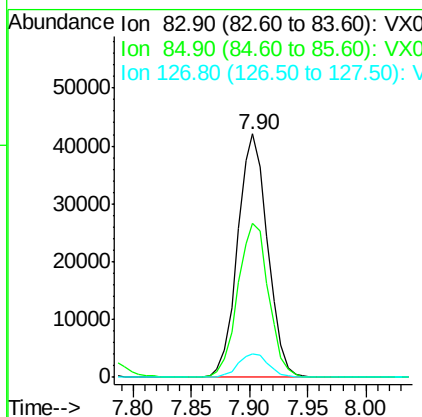
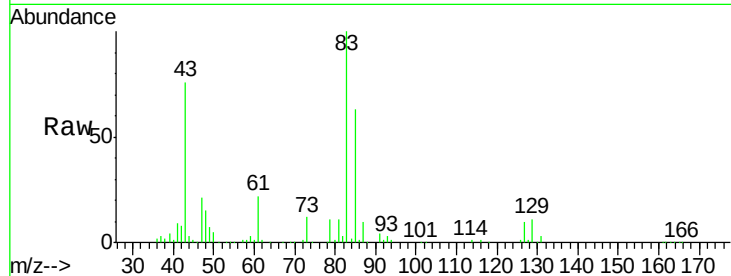
ClientSampleId :

VX0625WBS01

Tot Ion:	83	Resp:	75440
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.3	75.5
127	9.6	7.0	10.4

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 18.98 ug/l

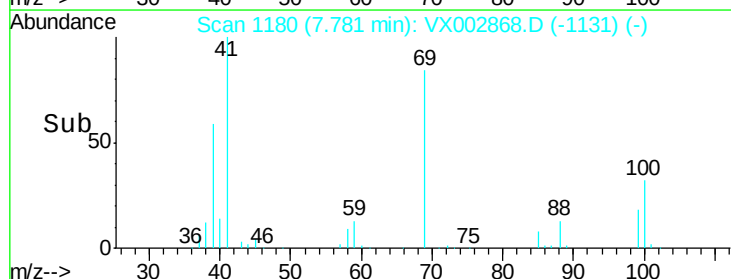
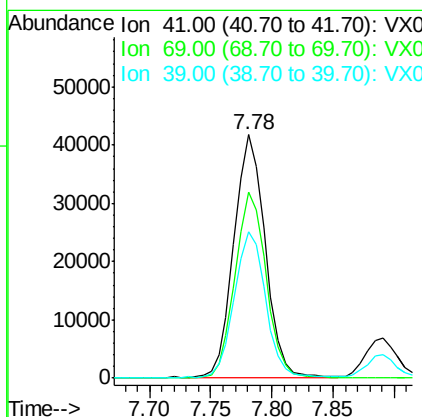
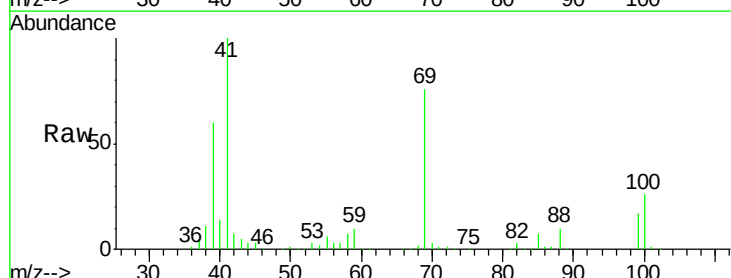
RT: 7.78 min Scan# 1180

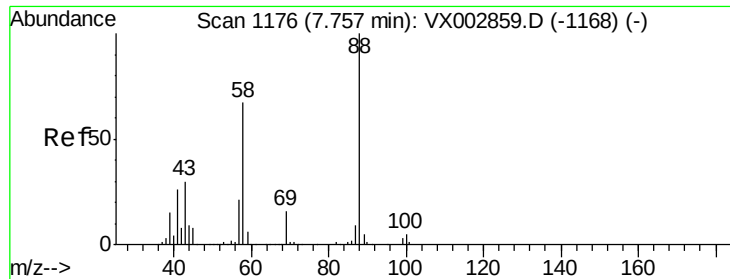
Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Tgt Ion:	41	Resp:	73706
Ion	Ratio	Lower	Upper
41	100		
69	77.0	59.1	88.7
39	60.0	48.9	73.3





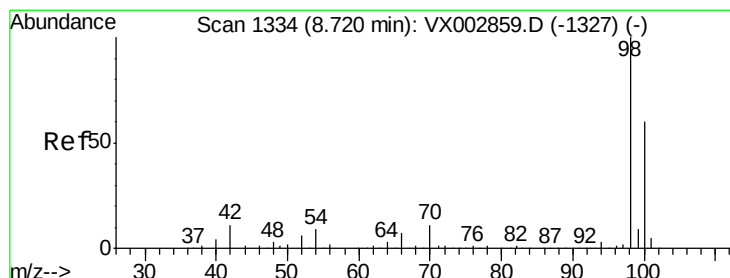
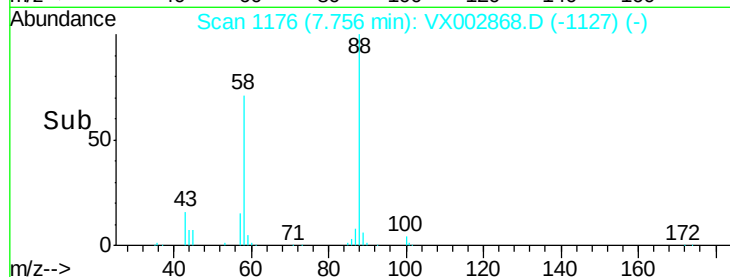
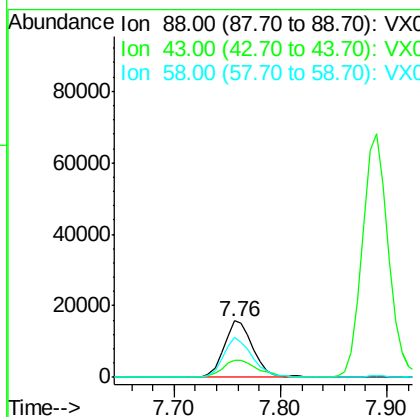
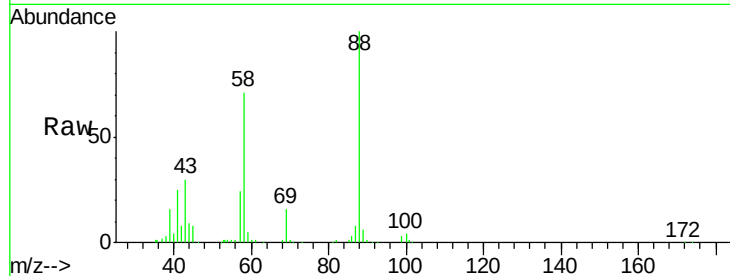
#49
1,4-Dioxane
Concen: 395.14 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	29849		
43	35.9	29.8	44.6	
58	69.2	57.1	85.7	

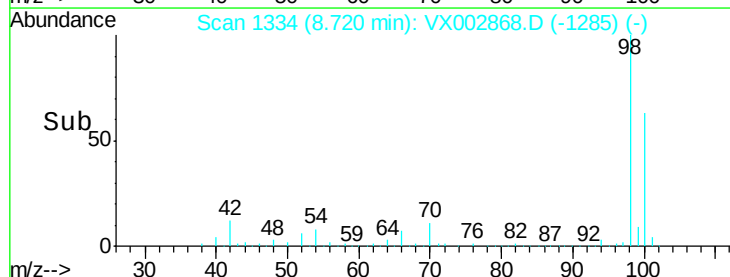
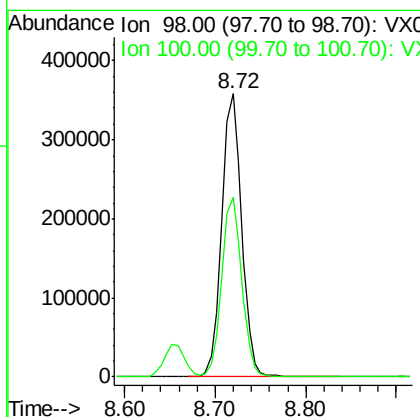
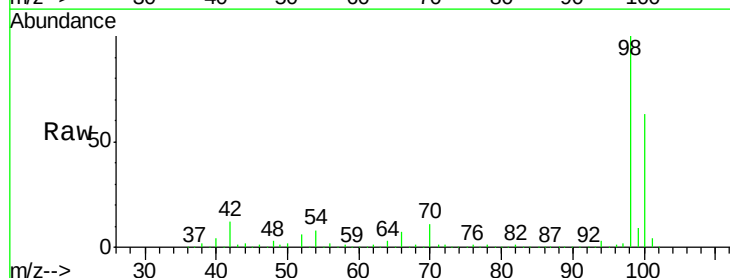
Manual Integrations
APPROVED

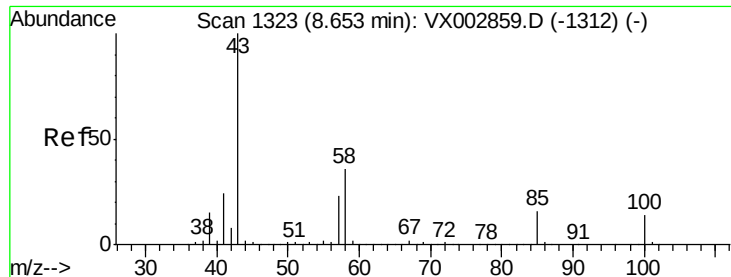
MMDadoda
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#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	549075		
100	63.7	50.9	76.3	





#51

4-Methyl-2-Pentanone

Concen: 97.46 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 43 Resp: 459510

Ion Ratio Lower Upper

43 100

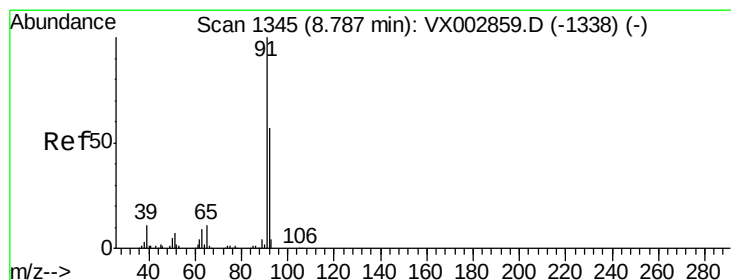
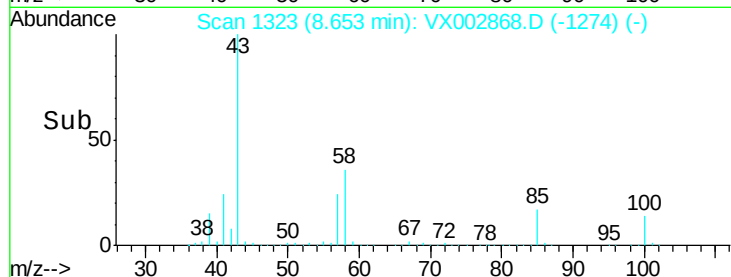
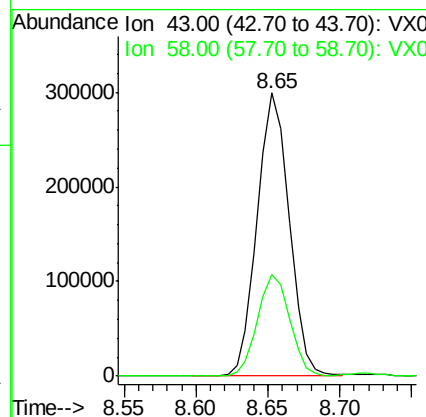
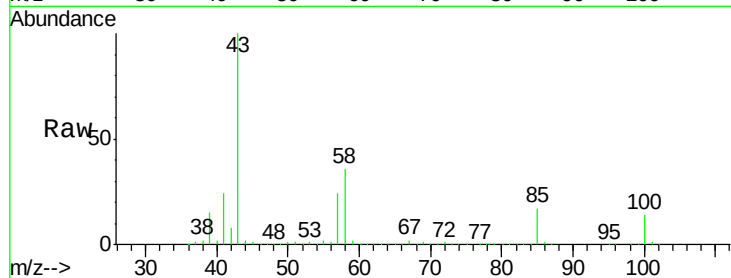
58 36.1 28.6 42.8

Manual Integrations

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6/28/2018 2:26:30 PM



#52

Toluene

Concen: 19.03 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002868.D

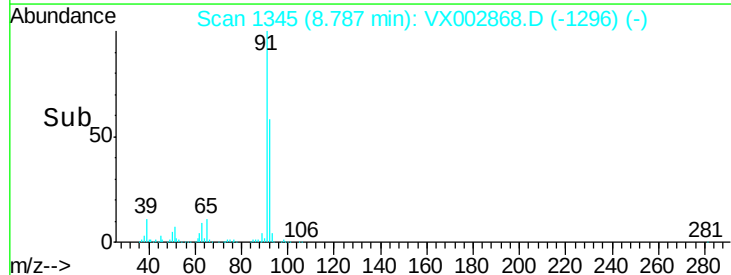
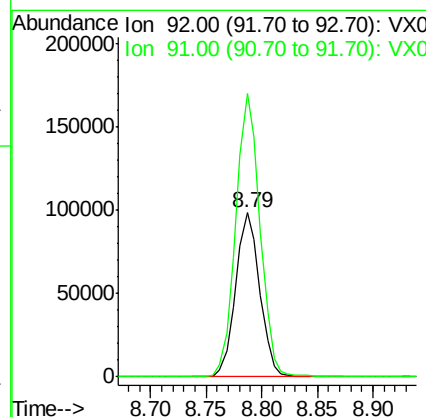
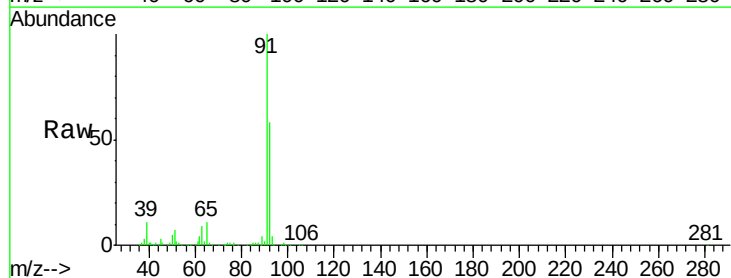
Acq: 25 Jun 2018 19:28

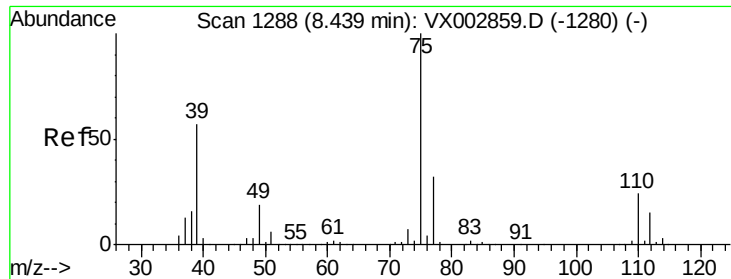
Tgt Ion: 92 Resp: 147812

Ion Ratio Lower Upper

92 100

91 173.7 140.4 210.6





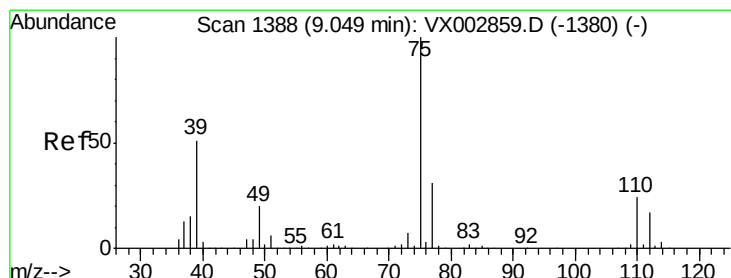
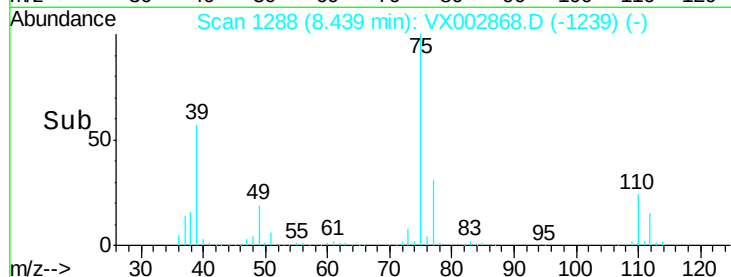
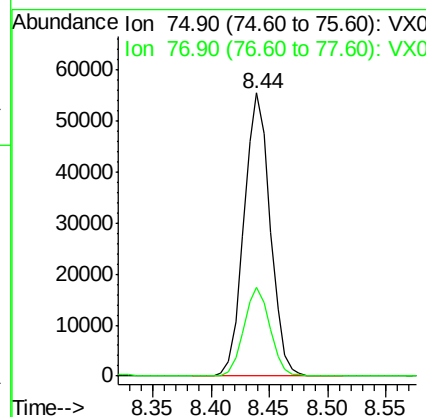
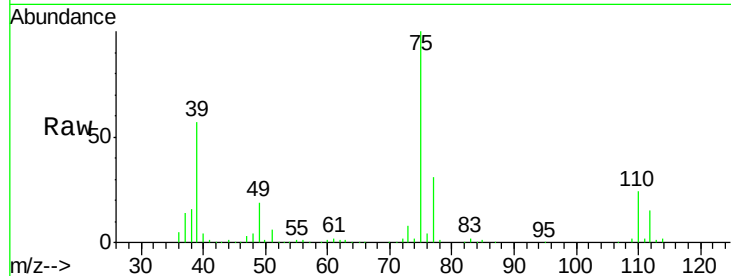
#53
 t-1,3-Dichloropropene
 Concen: 18.68 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion: 75 Resp: 87293
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2

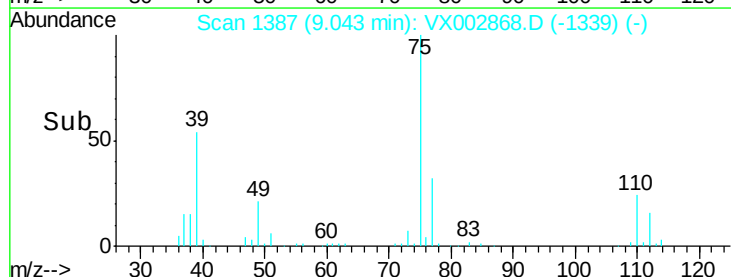
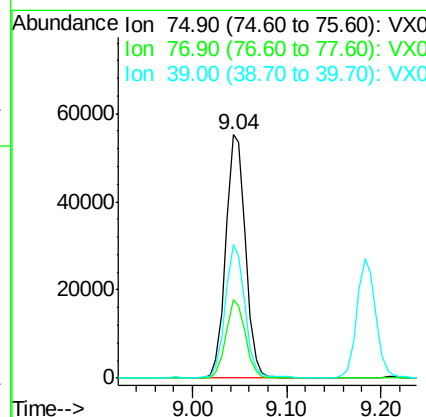
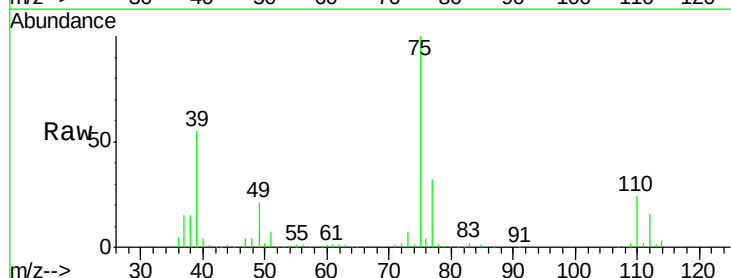
Manual Integrations
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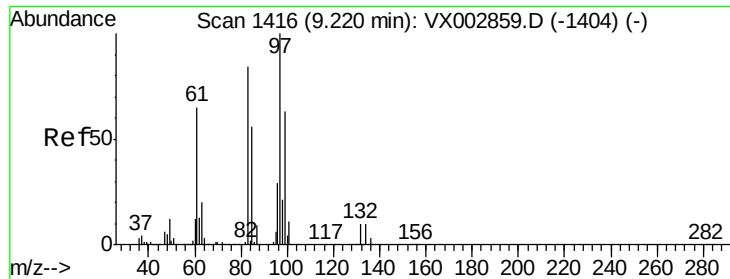
MMDadoda
 6/28/2018 2:26:30 PM



#54
 cis-1,3-Dichloropropene
 Concen: 17.80 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion: 75 Resp: 80049
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.8 37.2
 39 54.5 42.4 63.6





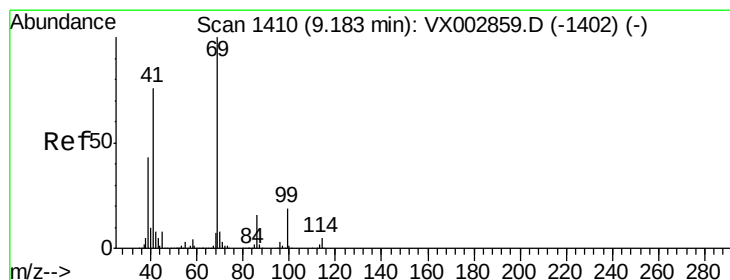
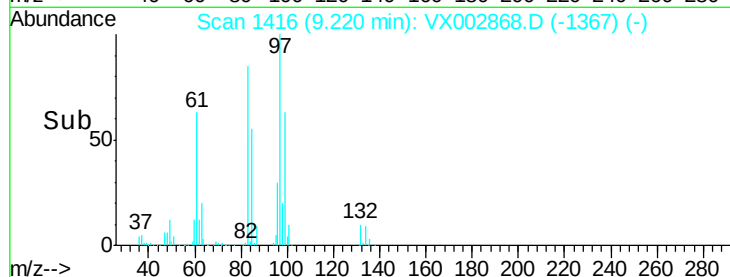
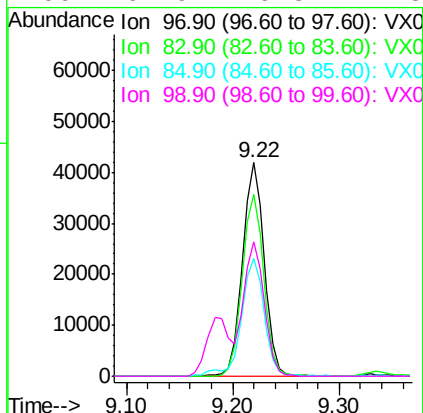
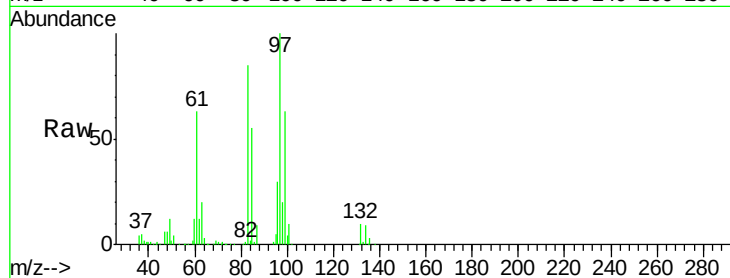
#55
 1,1,2-Trichloroethane
 Concen: 18.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion:	97	Resp:	60147
Ion	Ratio	Lower	Upper
97	100		
83	84.9	70.2	105.2
85	55.2	44.9	67.3
99	62.9	49.8	74.8

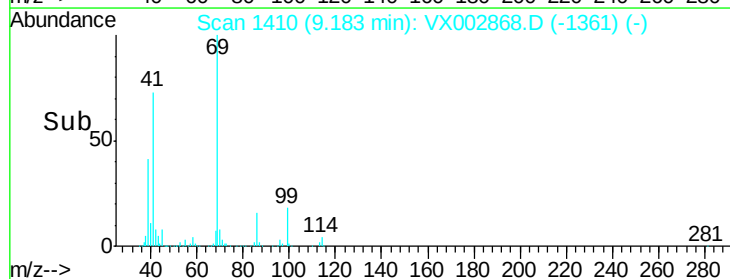
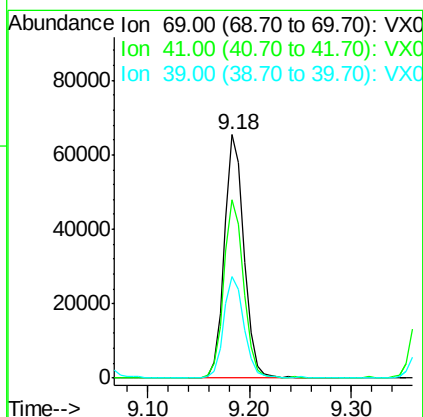
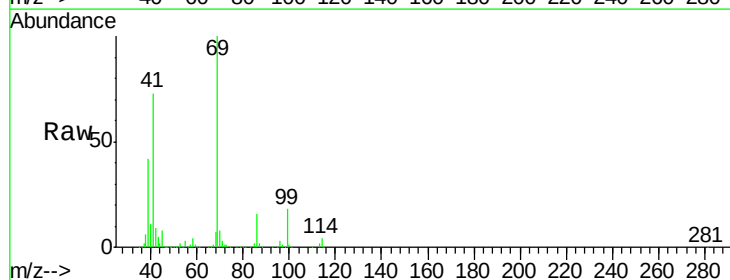
Manual Integrations
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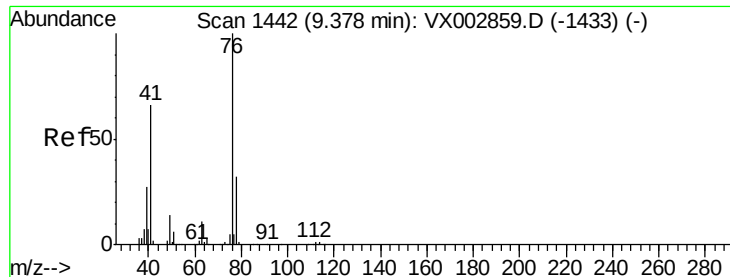
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#56
 Ethyl methacrylate
 Concen: 18.73 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion:	69	Resp:	87366
Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.3	90.5
39	42.8	35.8	53.8





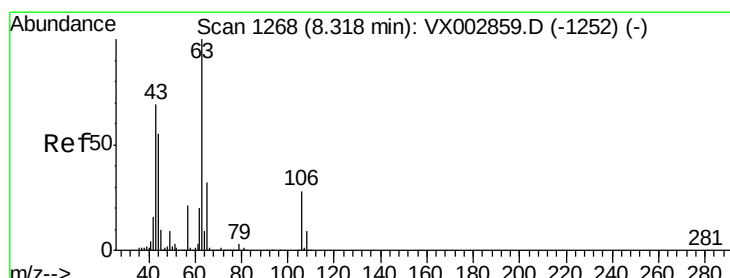
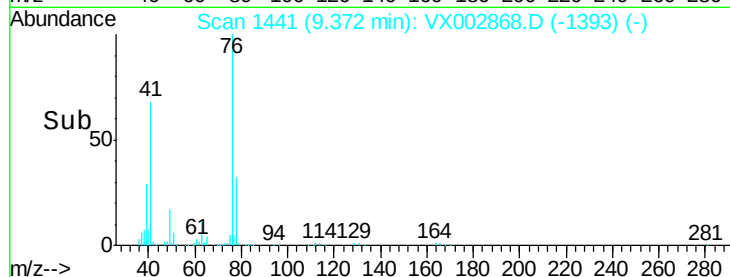
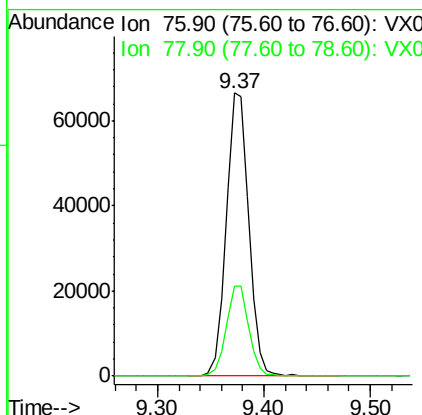
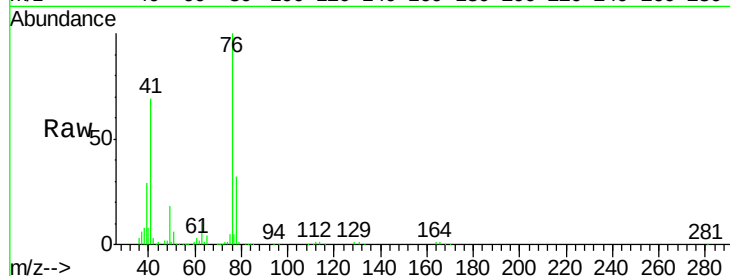
#57
 1,3-Dichloropropane
 Concen: 18.78 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

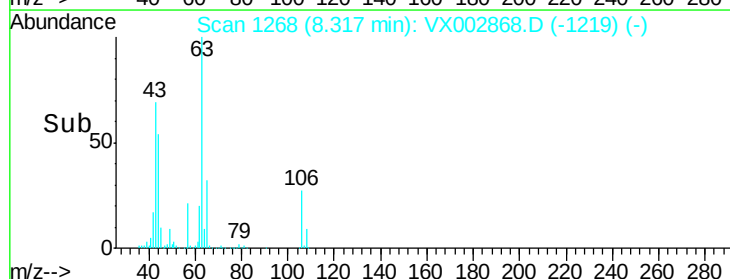
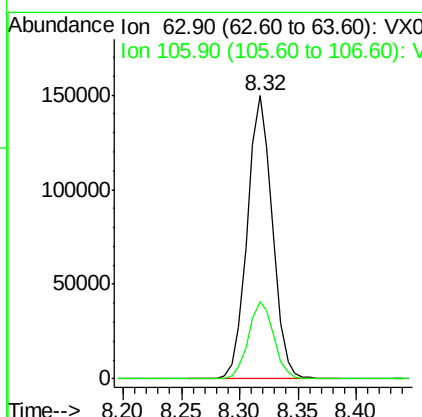
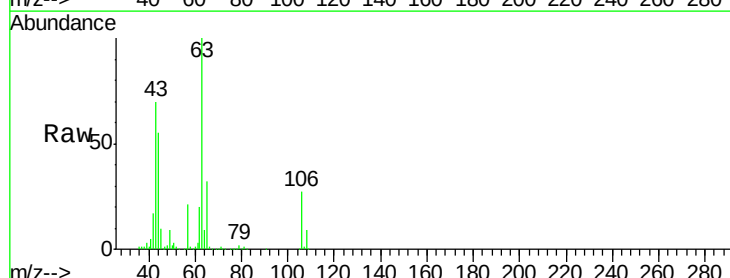
Manual Integrations
 APPROVED

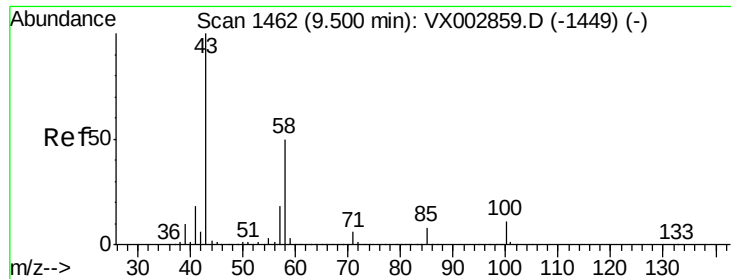
MMDadoda
 6/28/2018 2:26:30 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.16 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.8	32.8





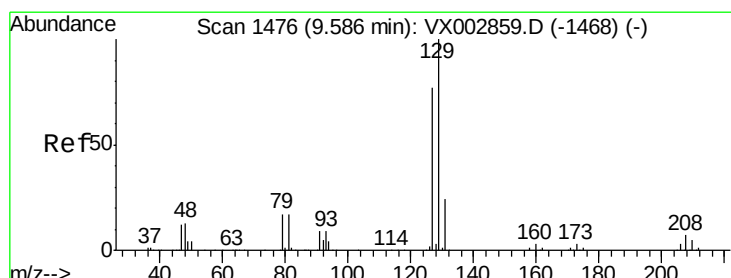
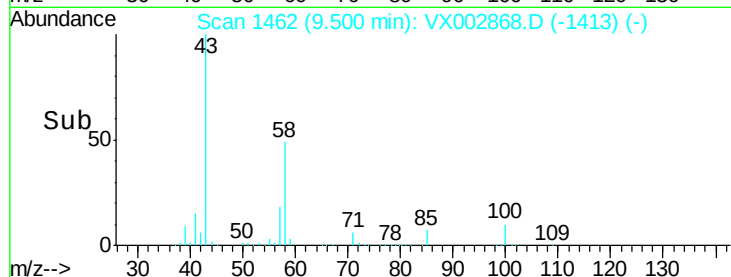
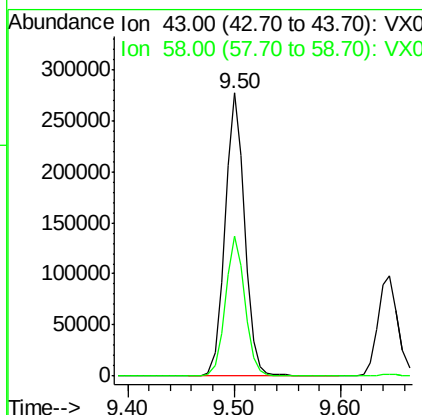
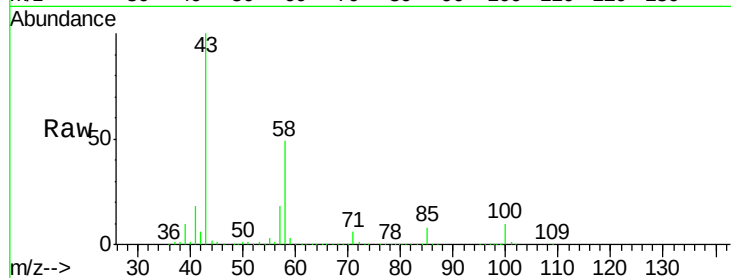
#59
2-Hexanone
Concen: 99.48 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	49.4		24.6	73.6	

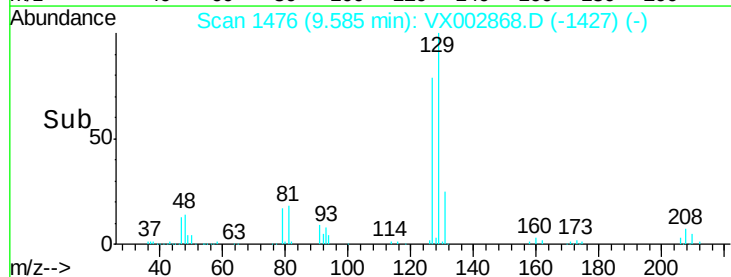
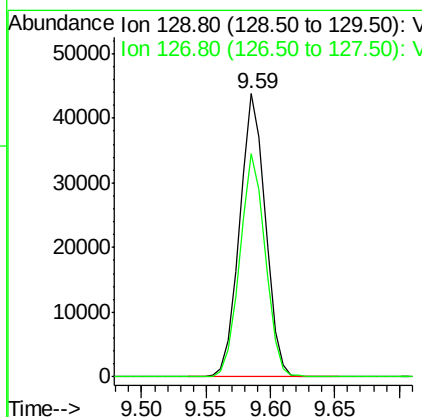
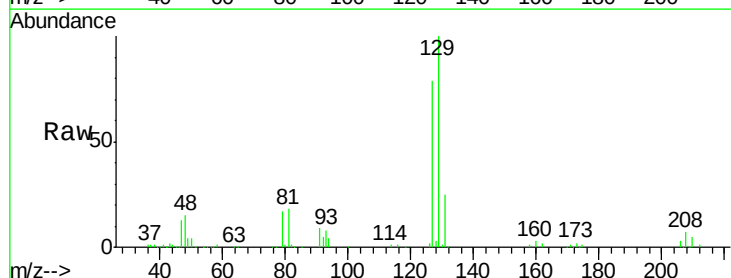
Manual Integrations
APPROVED

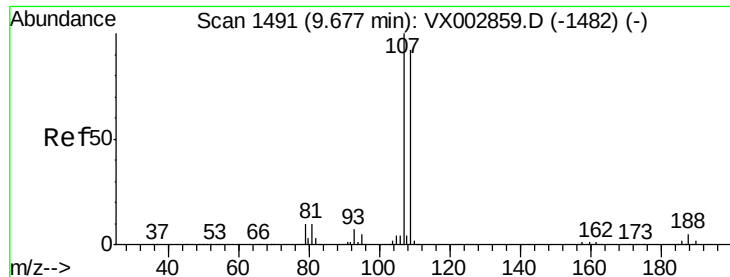
MMDadoda
6/28/2018 2:26:30 PM



#60
Dibromochloromethane
Concen: 18.01 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion	129	127	Ratio	Lower	Upper
129	100				
127	77.6		38.5	115.3	





#61

1,2-Dibromoethane

Concen: 18.67 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion:107 Resp: 62521

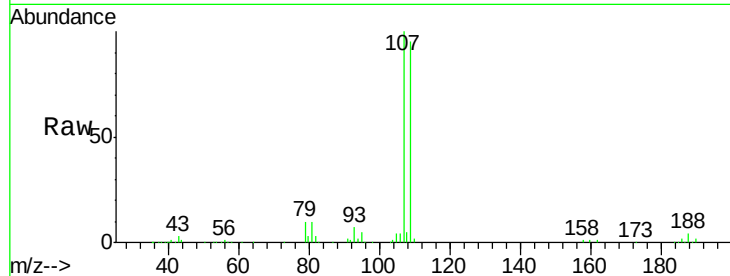
Ion Ratio Lower Upper

107 100

109 94.4 75.3 112.9

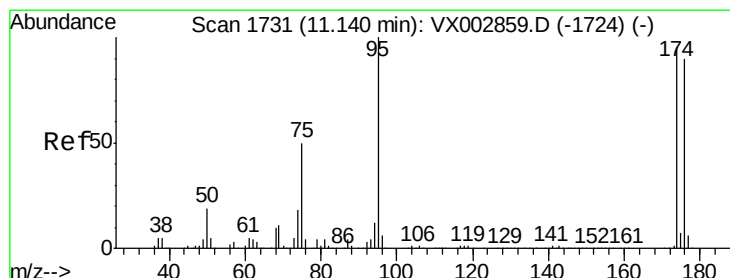
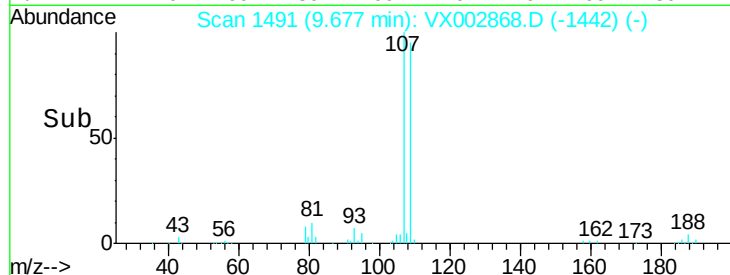
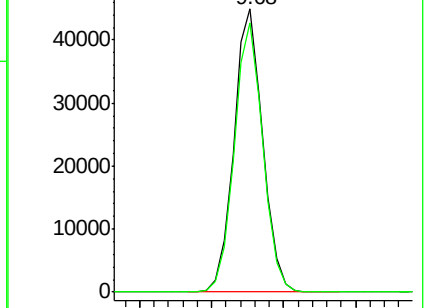
Manual Integrations
APPROVED

MMDadoda
6/28/2018 2:26:30 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

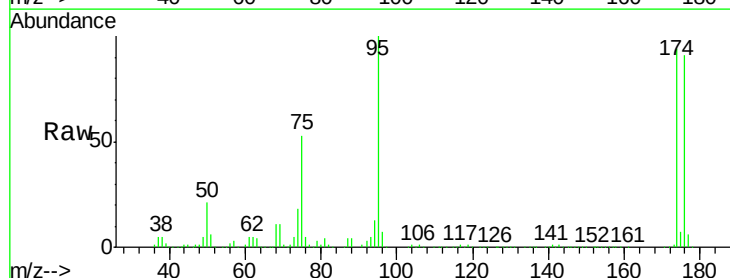
Tgt Ion: 95 Resp: 207702

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

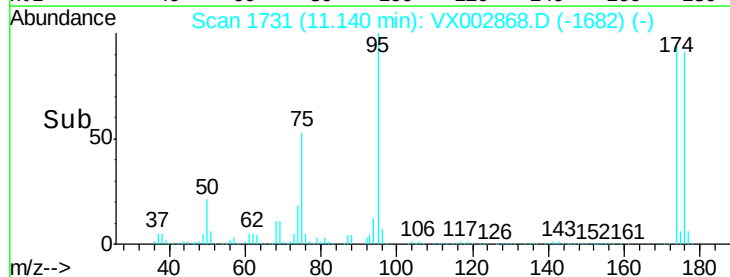
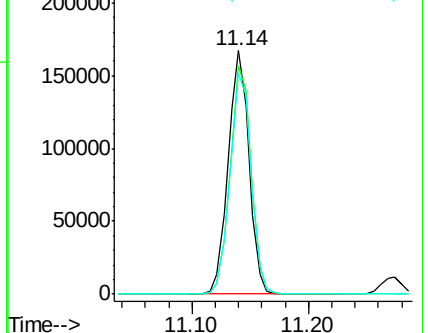
176 92.6 0.0 181.0

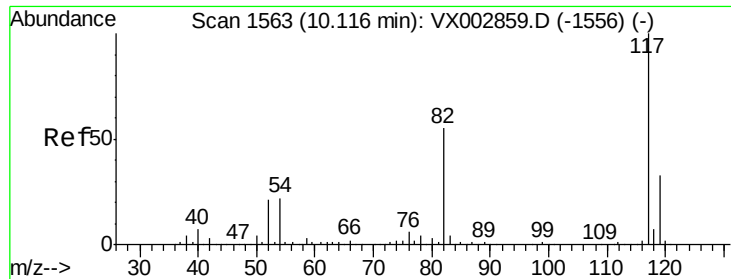


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





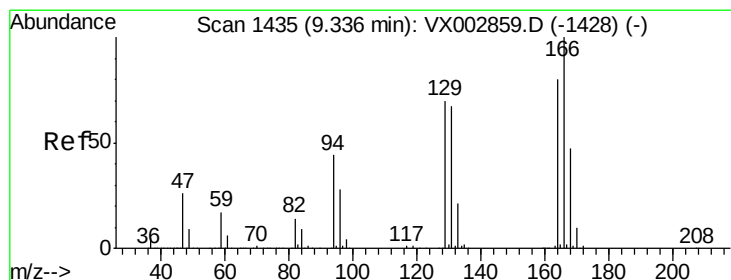
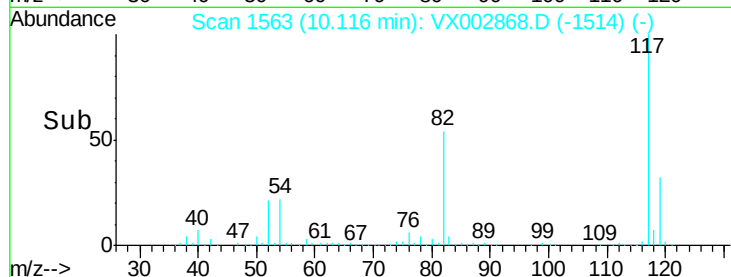
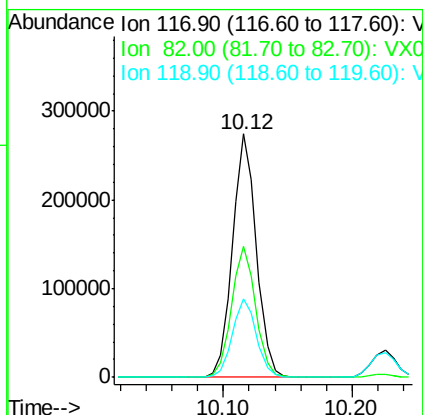
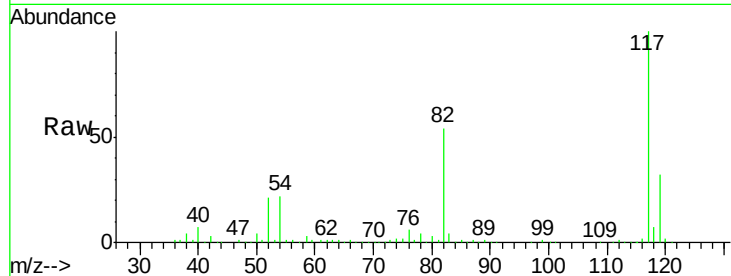
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.0	67.4
119	32.0	25.8	38.6

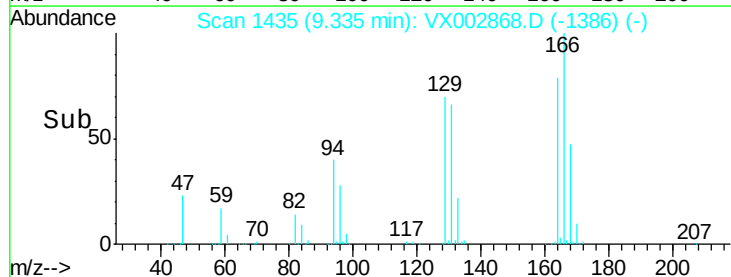
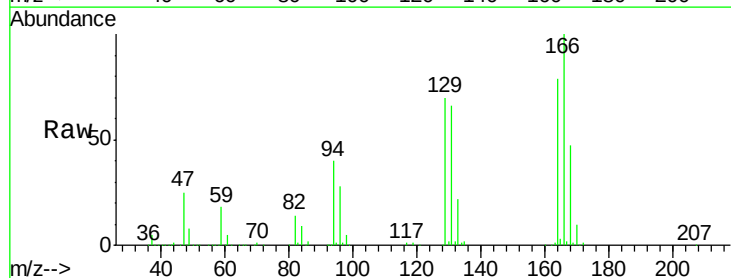
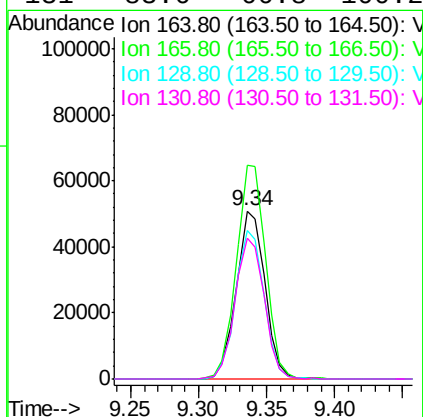
Manual Integrations
APPROVED

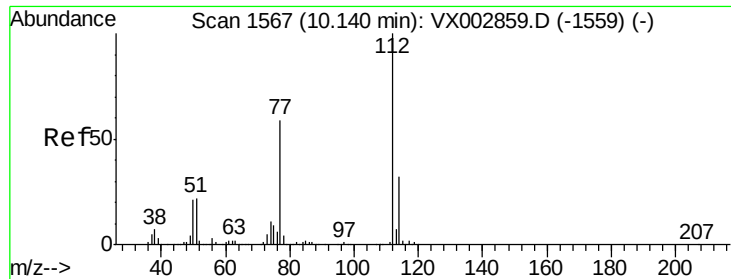
MMDadoda
6/28/2018 2:26:30 PM



#64
Tetrachloroethene
Concen: 18.89 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.9	154.3
129	88.3	68.6	102.8
131	83.6	66.8	100.2





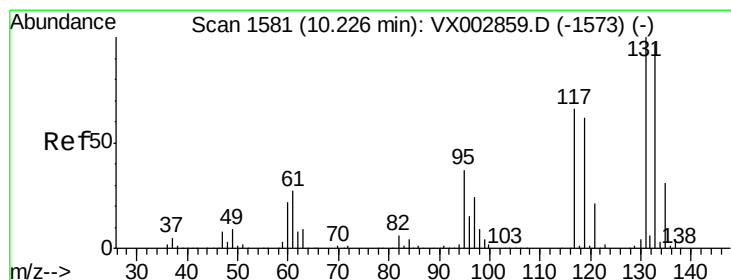
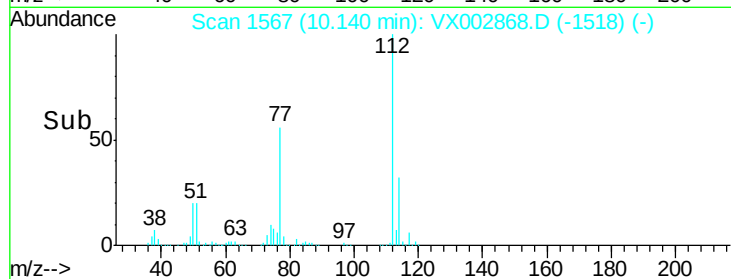
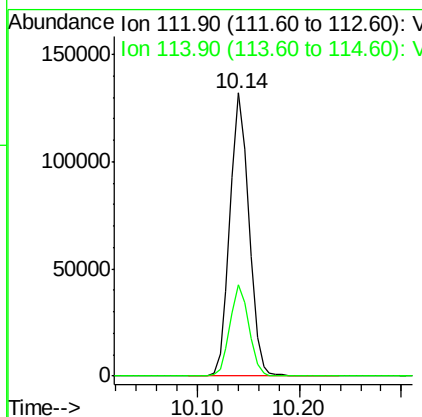
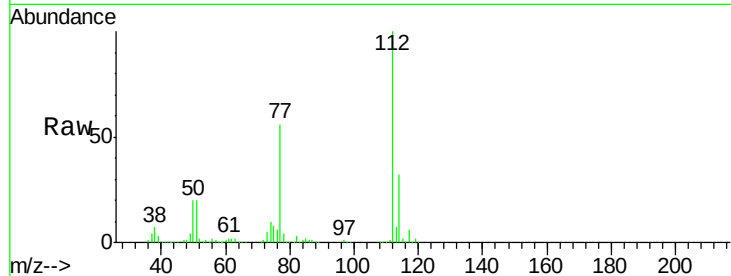
#65
Chlorobenzene
Concen: 18.89 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampled :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.3	37.9

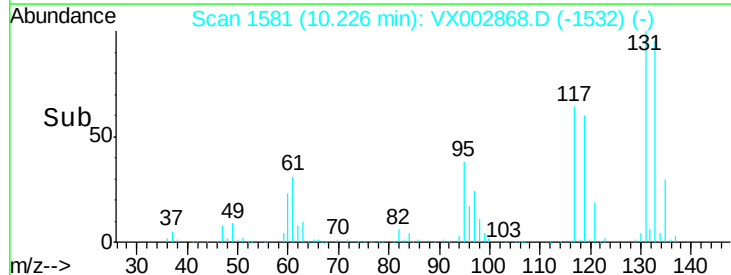
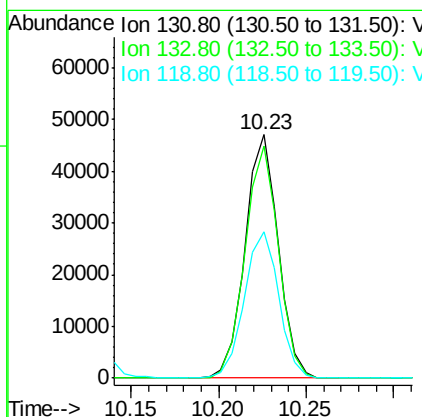
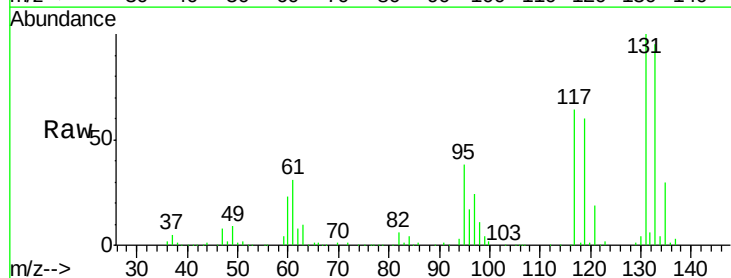
Manual Integrations
APPROVED

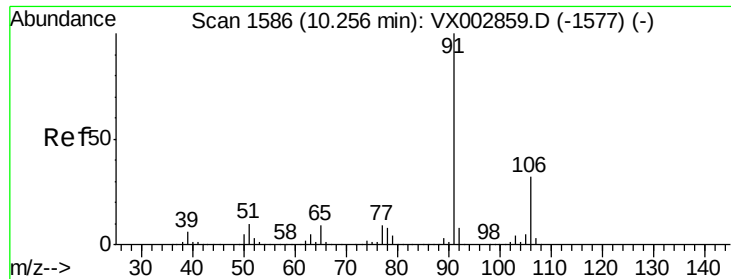
MMDadoda
6/28/2018 2:26:30 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.96 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.9	143.6
119	62.5	31.8	95.3





#67

Ethyl Benzene

Concen: 19.44 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 91 Resp: 289500

Ion Ratio Lower Upper

91 100

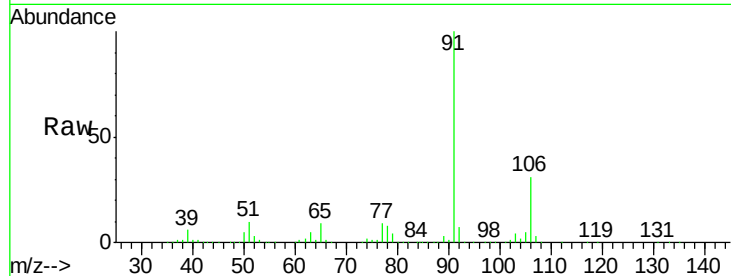
106 31.5 25.5 38.3

Manual Integrations

APPROVED

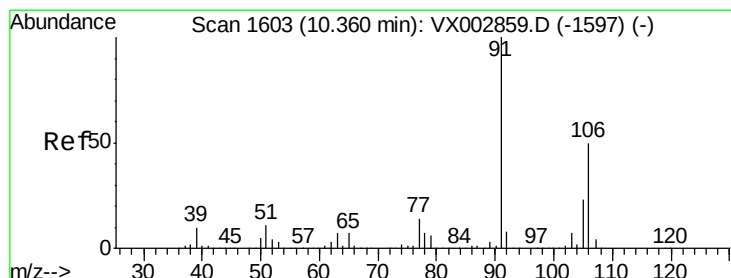
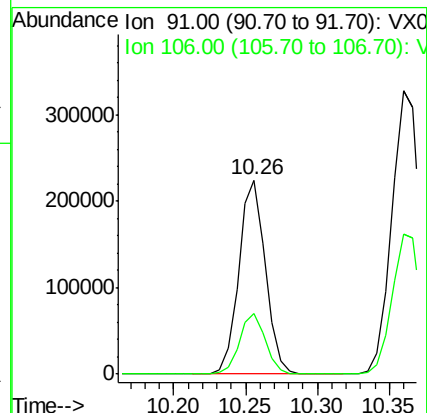
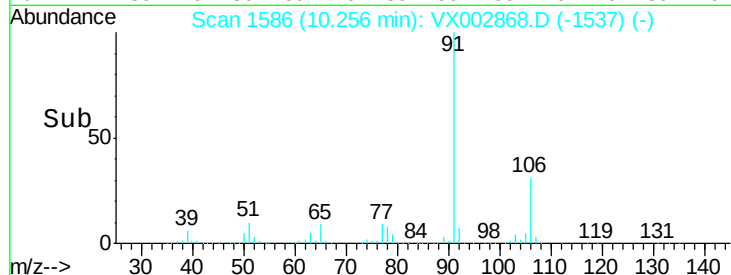
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.06 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002868.D

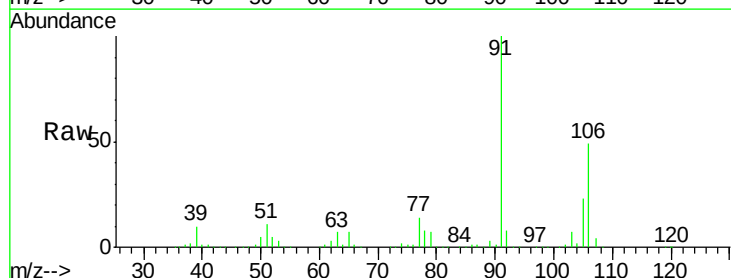
Acq: 25 Jun 2018 19:28

Tgt Ion: 106 Resp: 224208

Ion Ratio Lower Upper

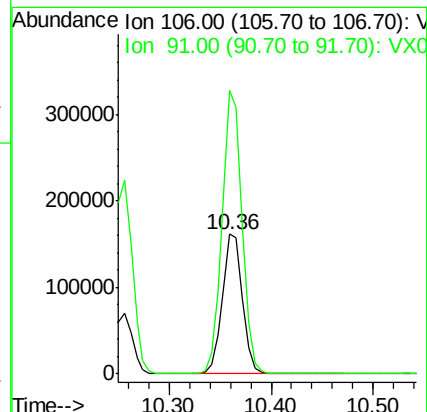
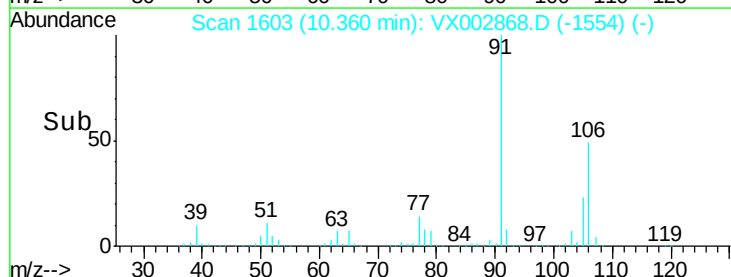
106 100

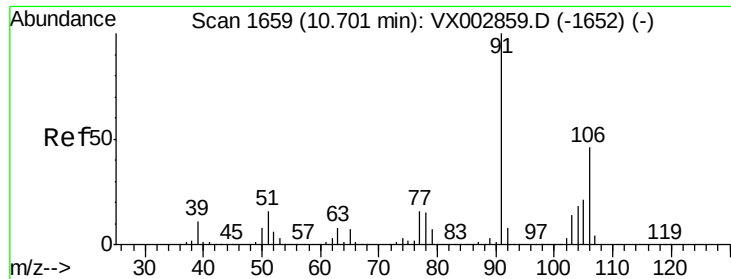
91 201.4 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





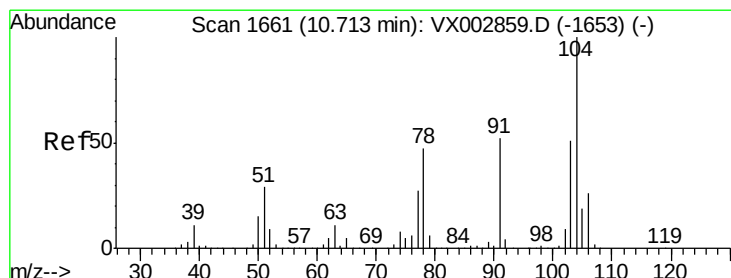
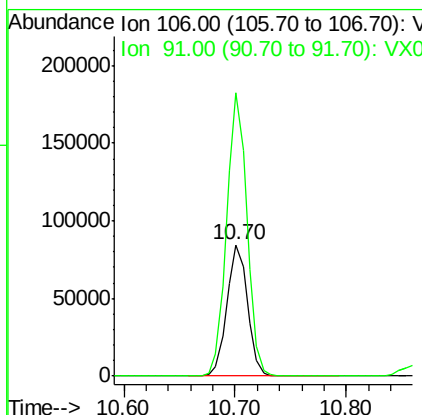
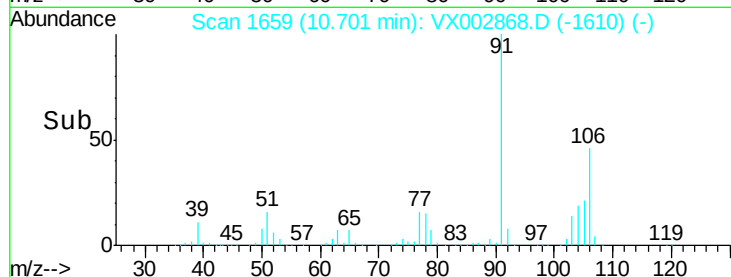
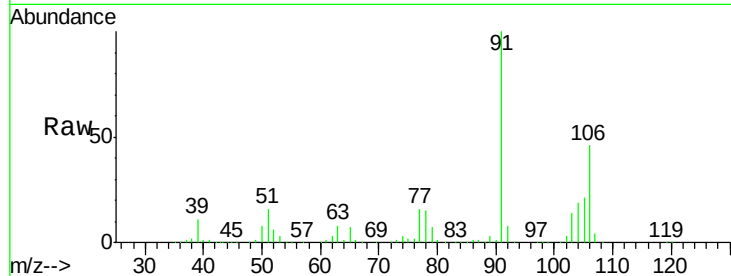
#69
o-Xylene
Concen: 19.35 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampled :
VX0625WBS01

Tot Ion:106 Resp: 108158
Ion Ratio Lower Upper
106 100
91 213.4 108.2 324.6

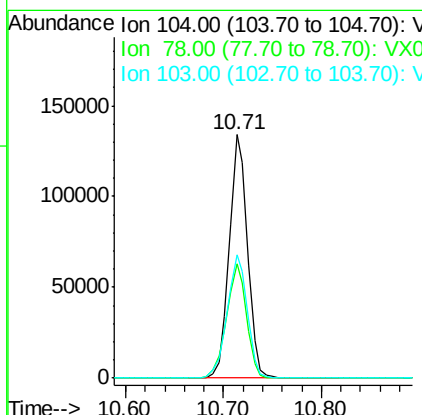
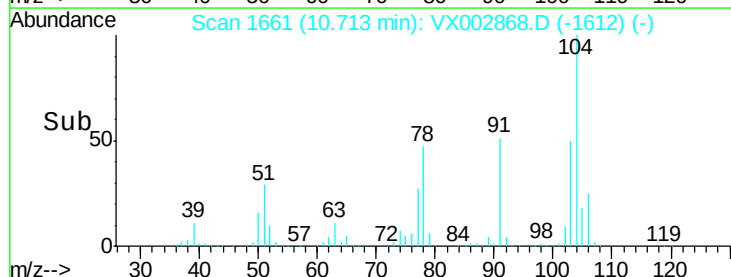
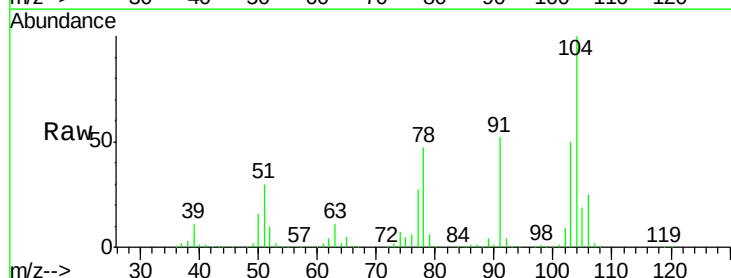
Manual Integrations
APPROVED

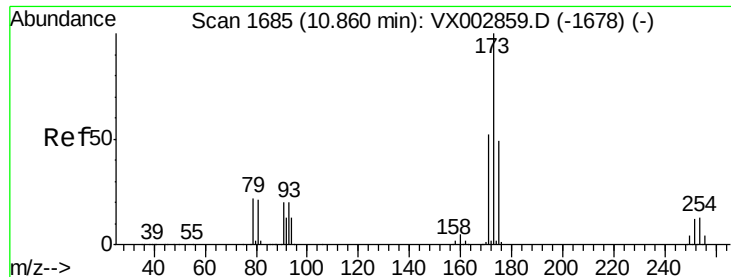
MMDadoda
6/28/2018 2:26:30 PM



#70
Styrene
Concen: 19.15 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion:104 Resp: 173938
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 18.47 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion:173 Resp: 46751

Ion Ratio Lower Upper

173 100

175 49.3 24.7 74.1

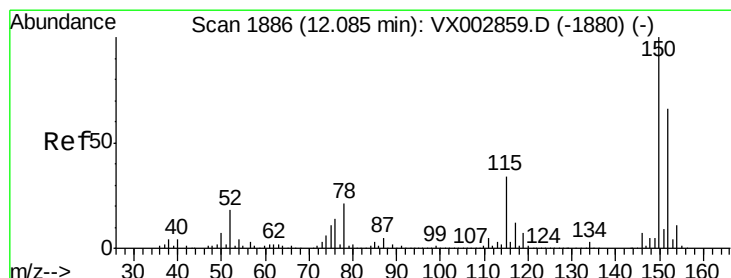
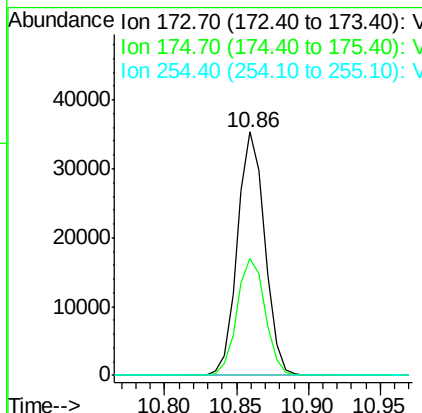
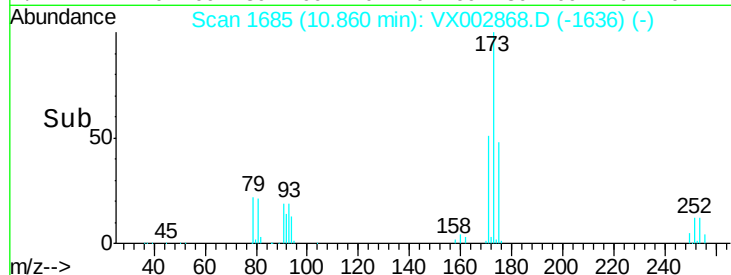
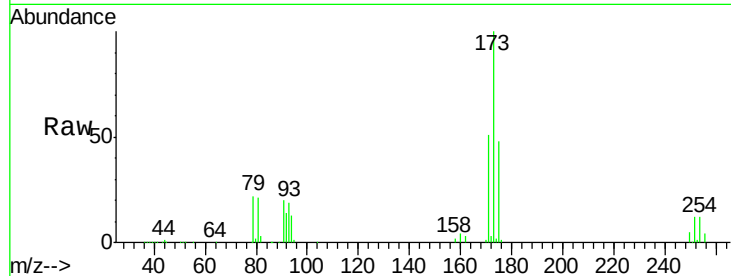
254 0.0 0.2 0.2#

Manual Integrations

APPROVED

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6/28/2018 2:26:30 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

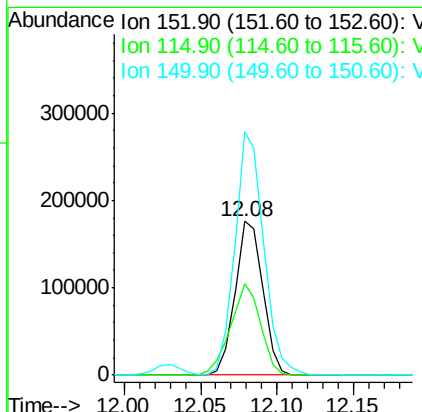
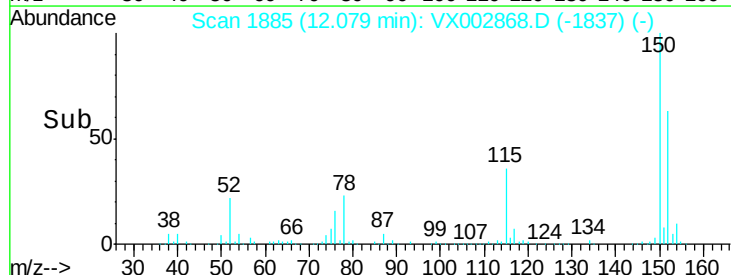
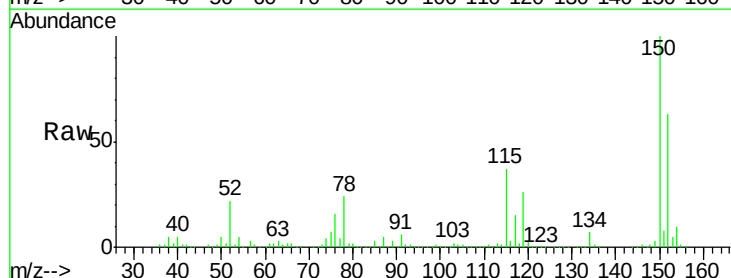
Tgt Ion:152 Resp: 221640

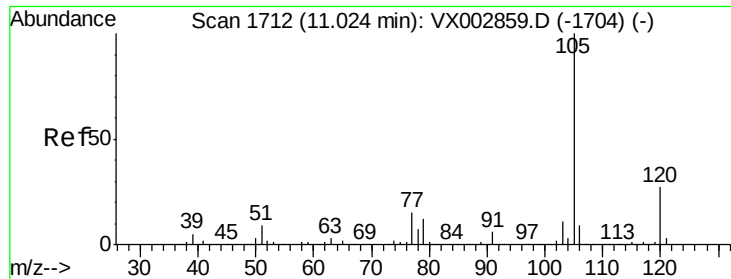
Ion Ratio Lower Upper

152 100

115 64.2 40.1 120.2

150 163.6 0.0 347.2





#73

Isopropylbenzene

Concen: 19.88 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion:105 Resp: 296439

Ion Ratio Lower Upper

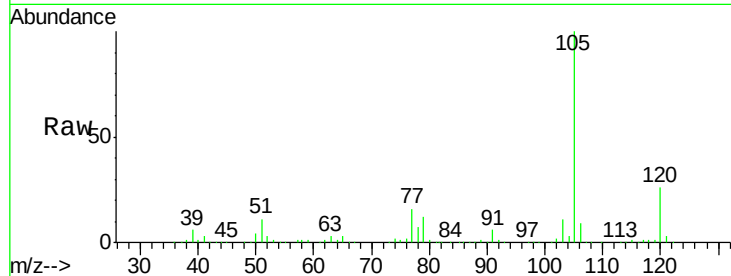
105 100

120 26.7 13.5 40.4

Manual Integrations
APPROVED

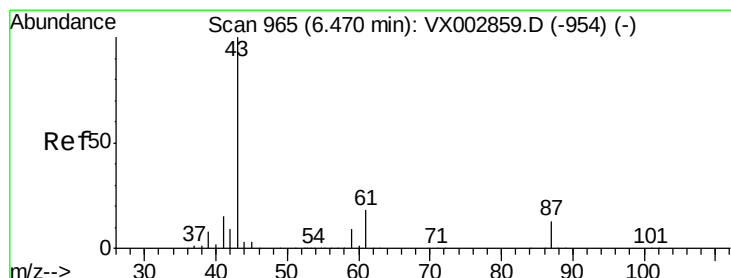
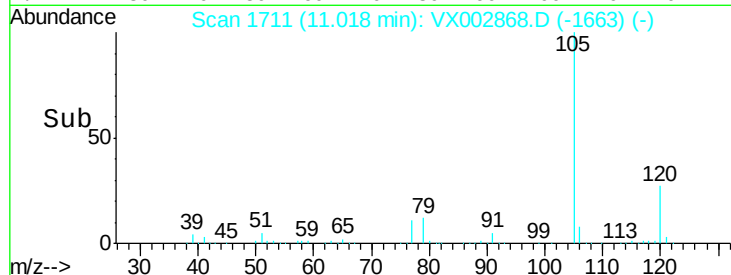
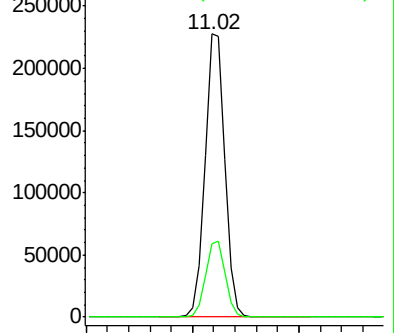
MMDadoda

6/28/2018 2:26:30 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.90 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Tgt Ion: 43 Resp: 137918

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

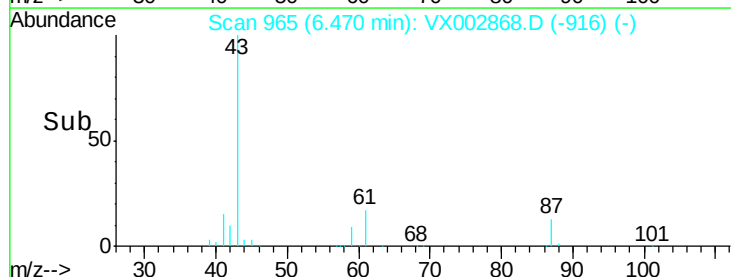
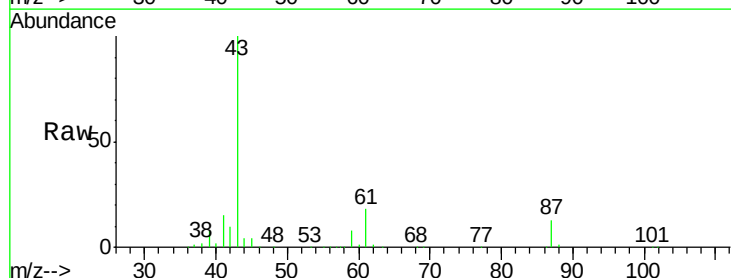
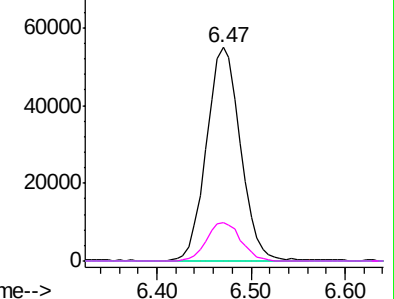
61 18.4 14.4 21.6

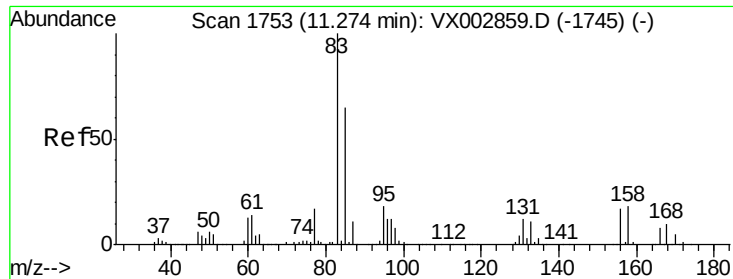
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.31 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

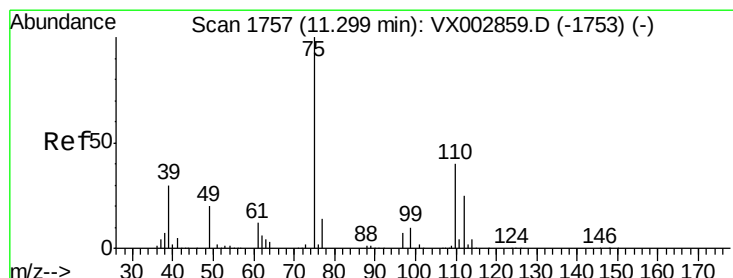
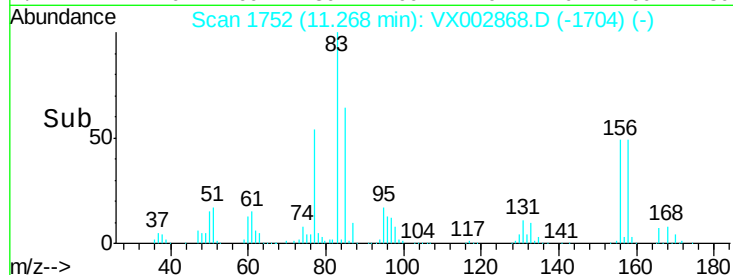
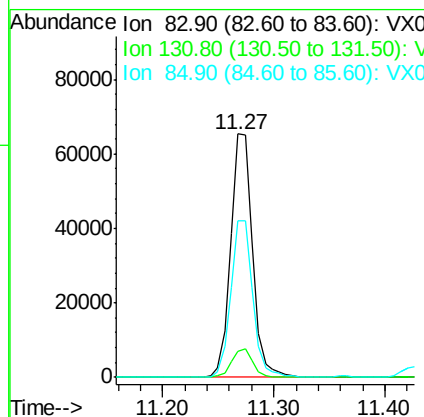
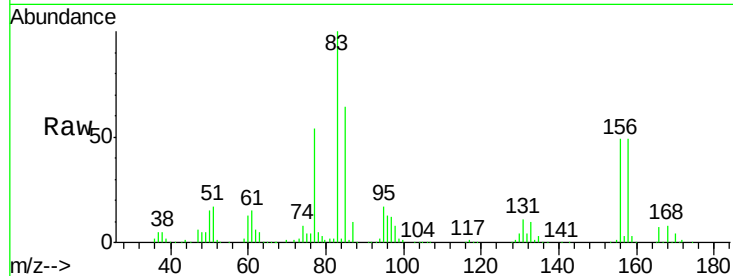
ClientSampleId :

VX0625WBS01

Tot Ion:	83	Resp:	88696
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	64.9	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
6/28/2018 2:26:30 PM



#76

1,2,3-Trichloropropane

Concen: 22.56 ug/l m

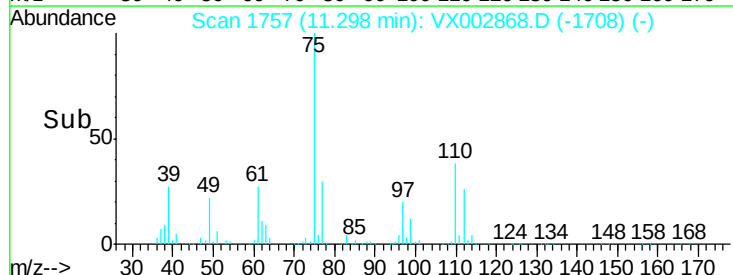
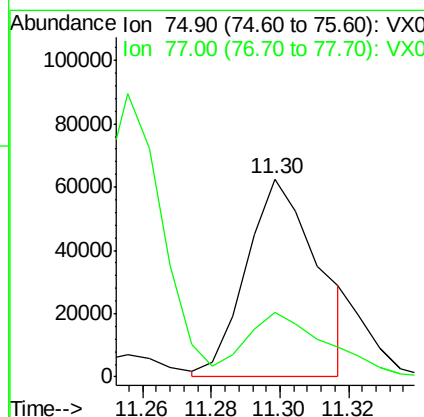
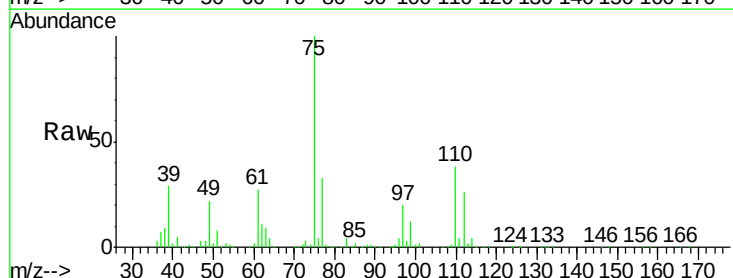
RT: 11.30 min Scan# 1757

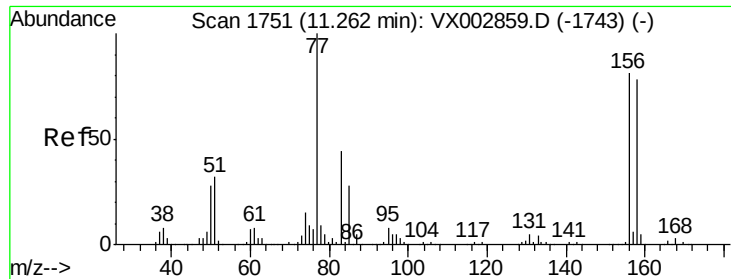
Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Tgt Ion:	75	Resp:	90585
Ion Ratio	Lower	Upper	
75	100		
77	37.0	22.8	68.3





#77

Bromobenzene

Concen: 19.27 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion:156 Resp: 81840

Ion Ratio Lower Upper

156 100

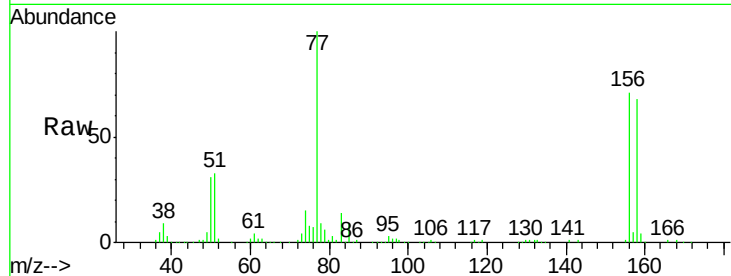
77 139.0 71.4 214.2

158 97.8 48.9 146.6

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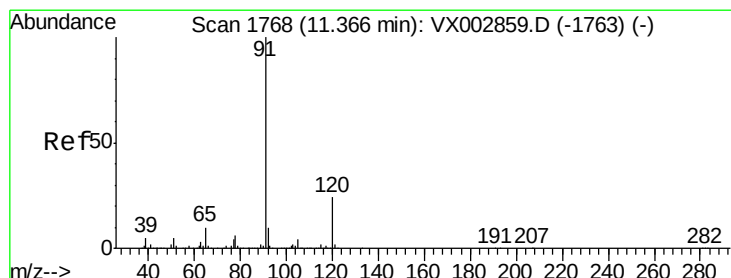
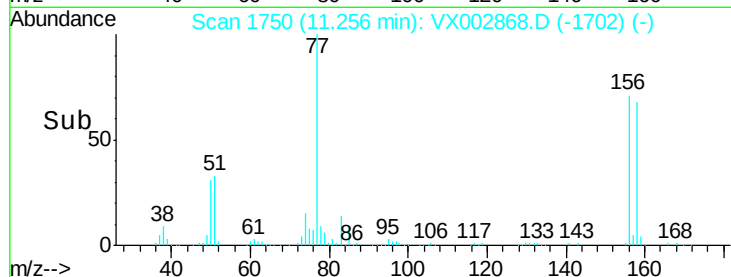
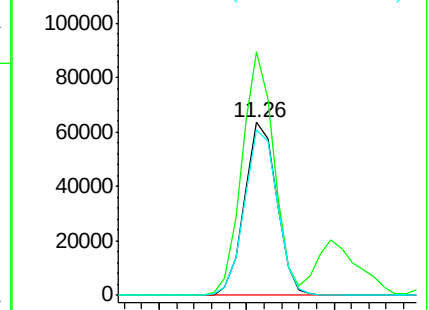
6/28/2018 2:26:30 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.87 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002868.D

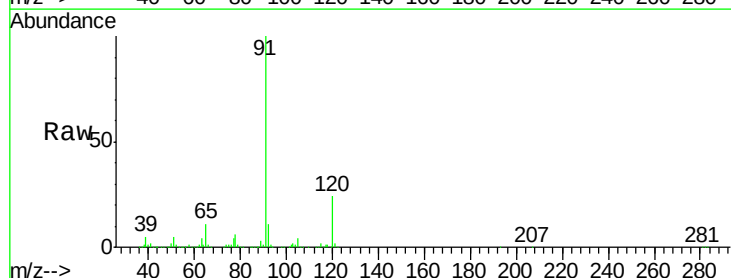
Acq: 25 Jun 2018 19:28

Tgt Ion: 91 Resp: 337291

Ion Ratio Lower Upper

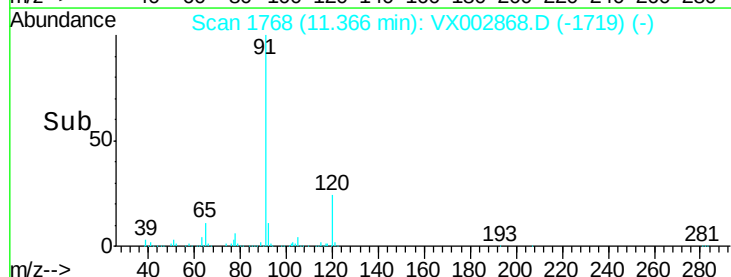
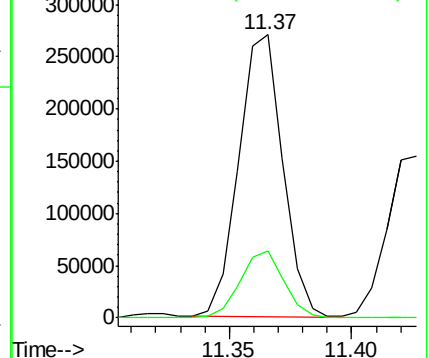
91 100

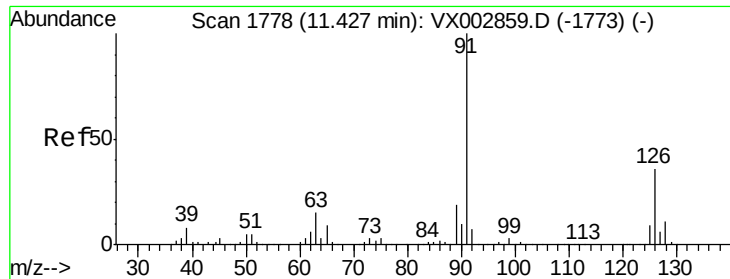
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





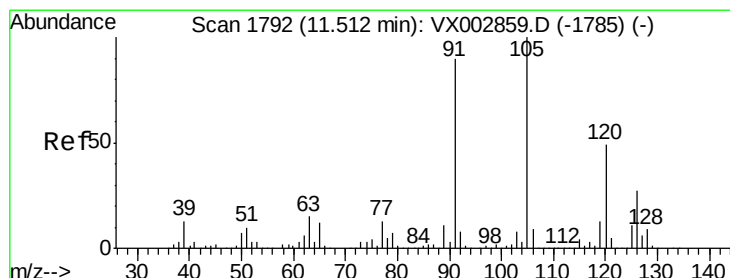
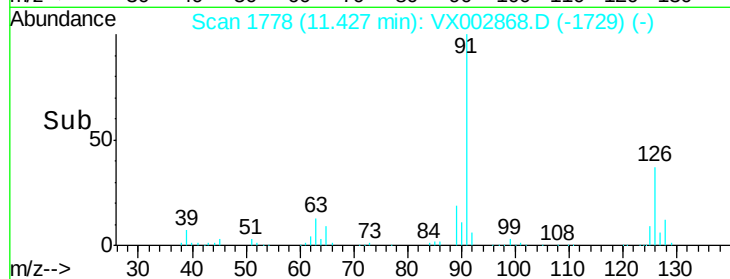
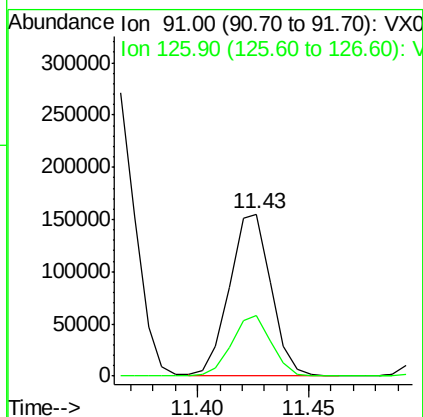
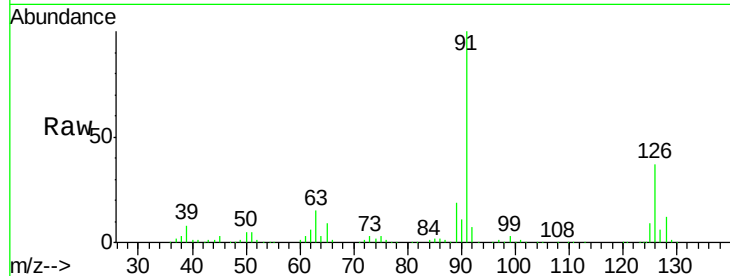
#79
 2-Chlorotoluene
 Concen: 19.47 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion: 91 Resp: 200096
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.7 53.1

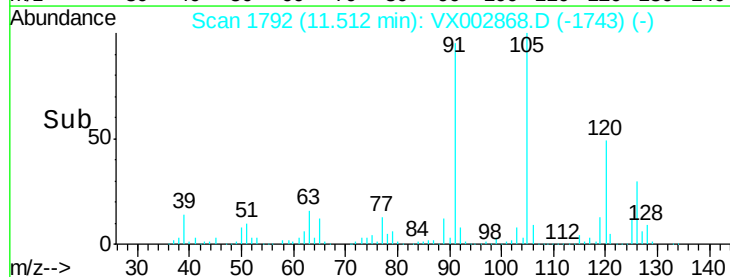
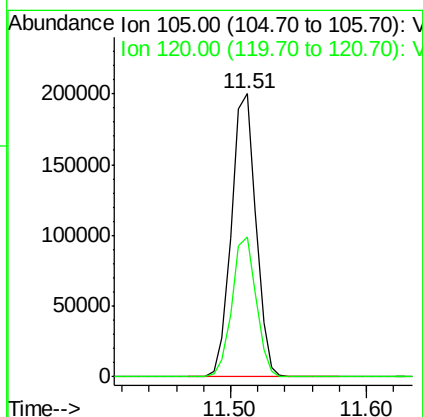
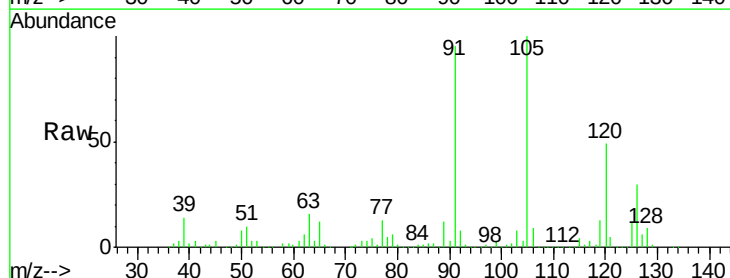
Manual Integrations
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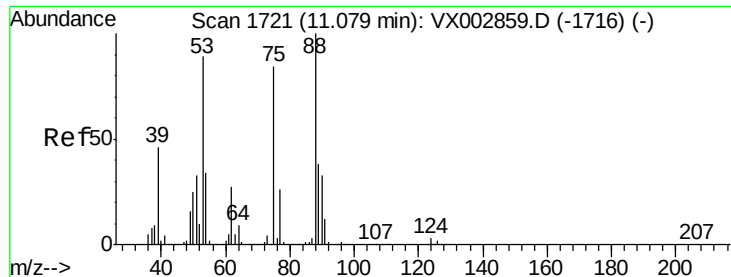
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.89 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion: 105 Resp: 249820
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4





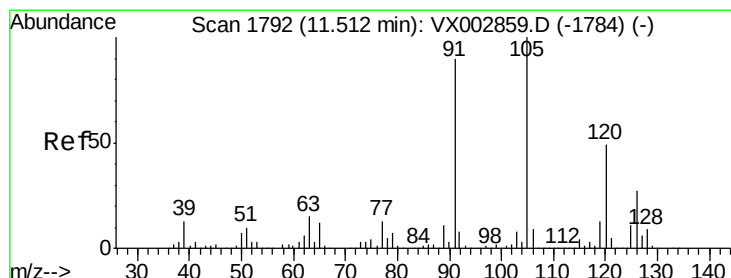
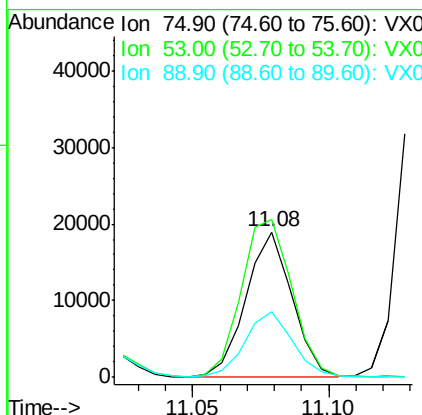
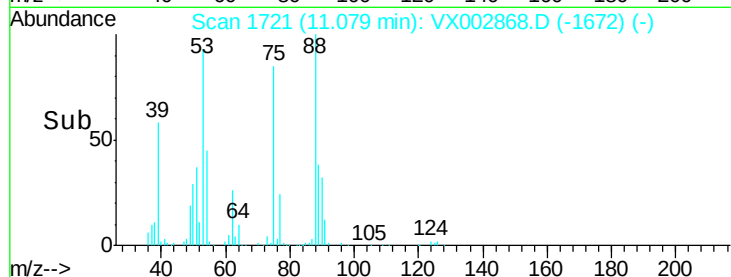
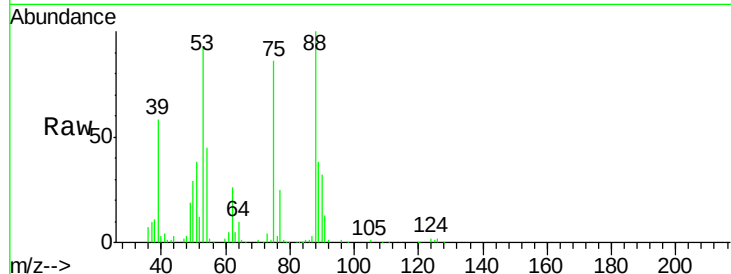
#81
trans-1,4-Dichloro-2-butene
Concen: 18.33 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	121.1	86.8	130.2
89	47.1	38.2	57.2

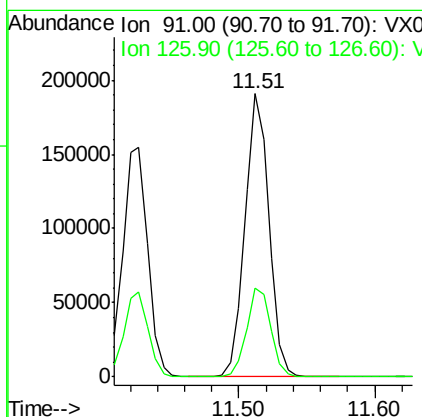
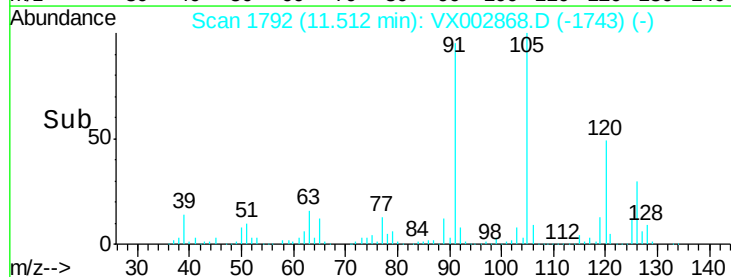
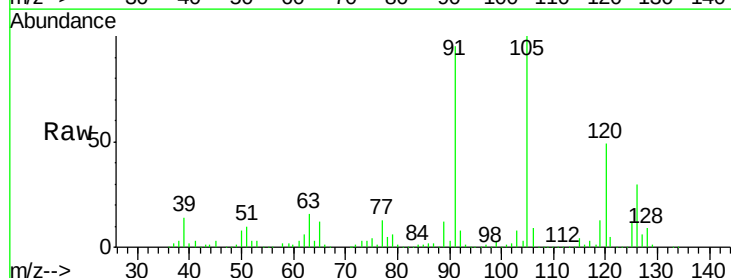
Manual Integrations
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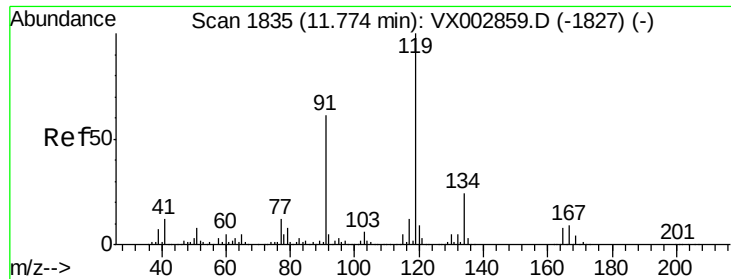
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#82
4-Chlorotoluene
Concen: 19.32 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.4





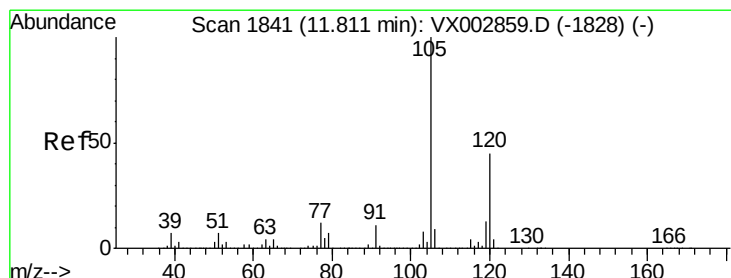
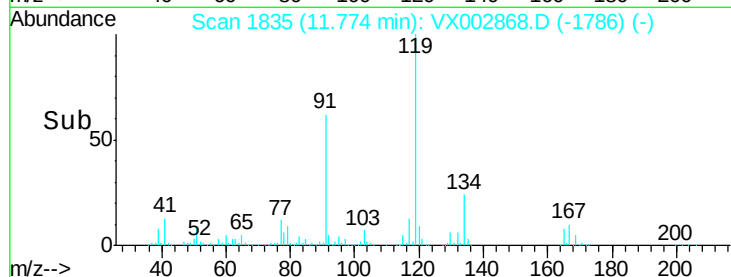
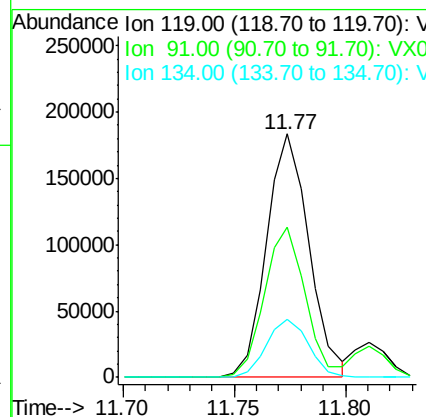
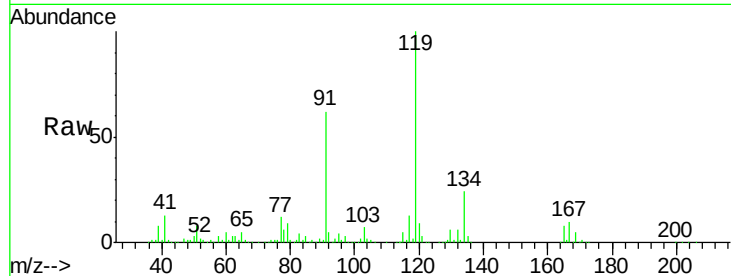
#83
 tert-Butylbenzene
 Concen: 19.59 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	242499		
91	60.0		30.3	90.9
134	23.9		11.7	35.1

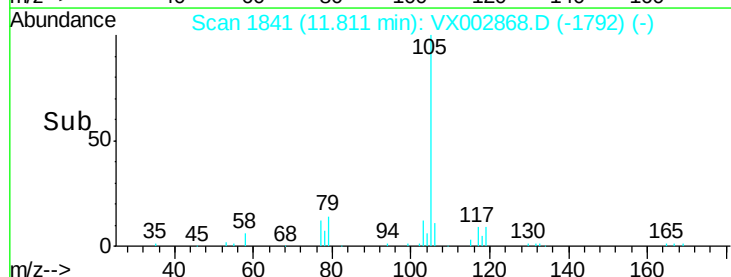
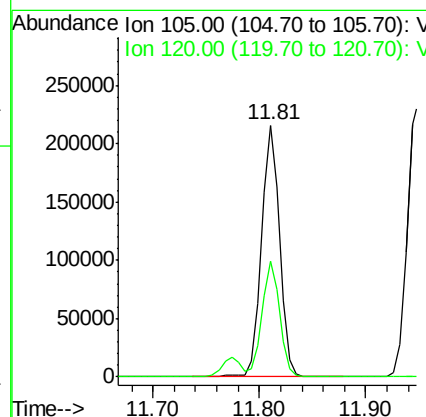
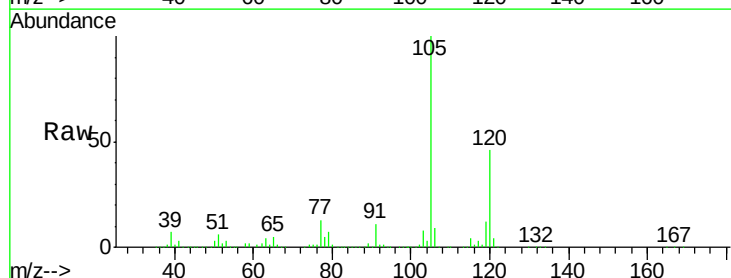
Manual Integrations
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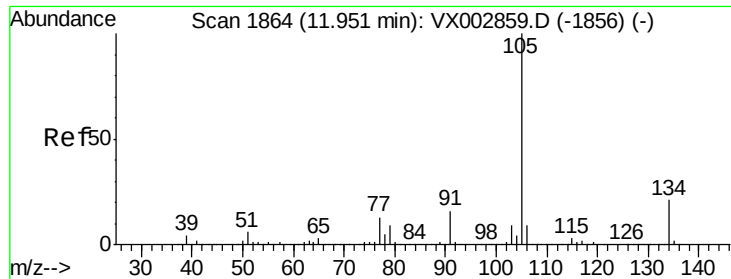
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.85 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	258237		
120	45.0		22.3	66.8





#85

sec-Butylbenzene

Concen: 19.90 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampled :

VX0625WBS01

Tot Ion:105 Resp: 298840

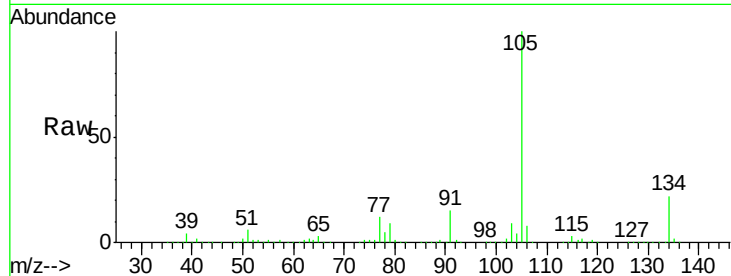
Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1

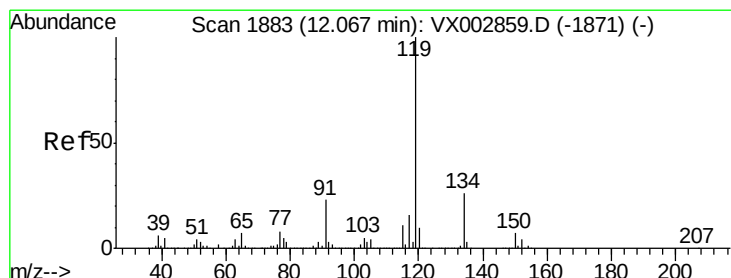
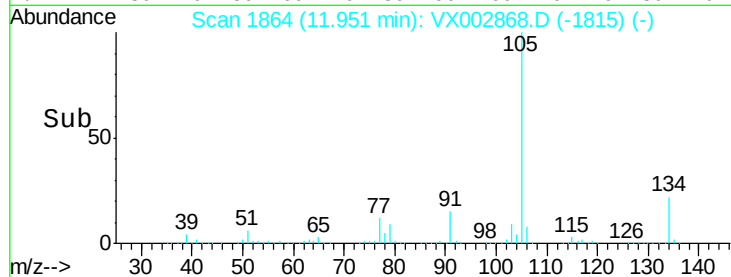
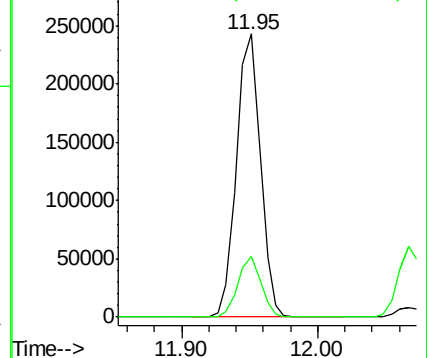
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.88 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

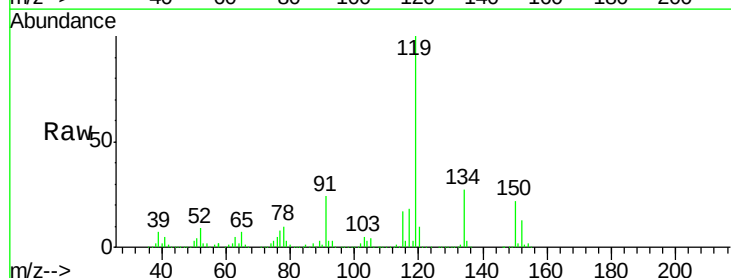
Tgt Ion:119 Resp: 268344

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

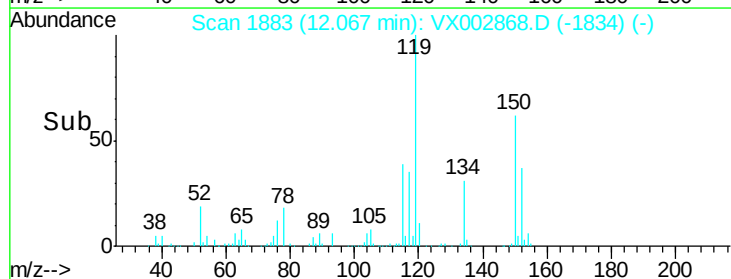
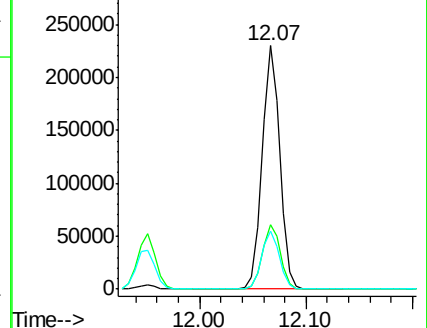
91 23.8 11.9 35.7

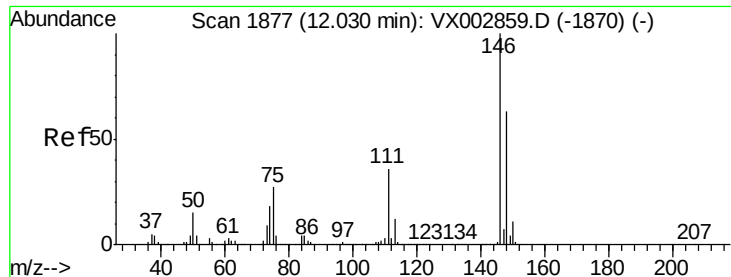


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.43 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

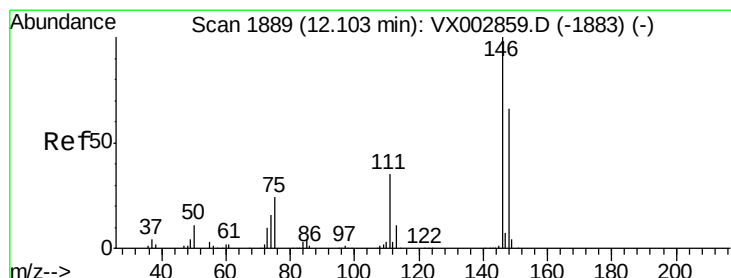
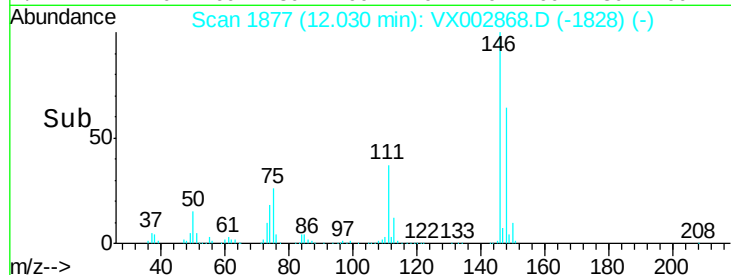
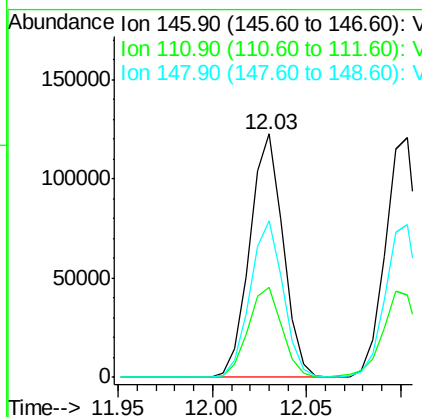
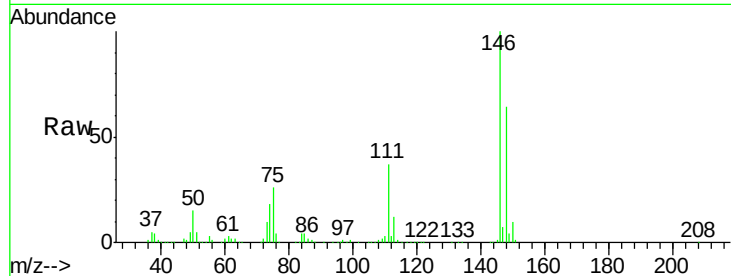
ClientSampleId :

VX0625WBS01

Tot Ion:	146	Resp:	150699
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.9	56.7
148	63.5	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 19.00 ug/l

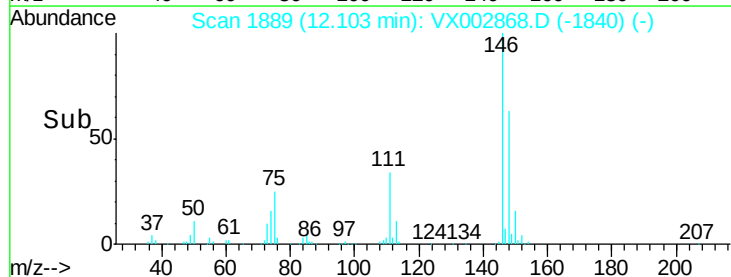
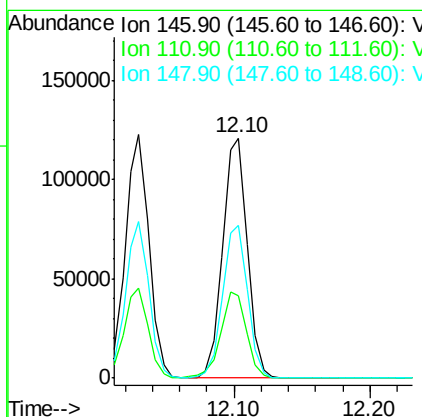
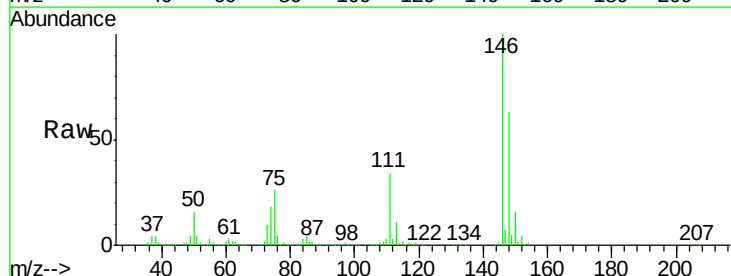
RT: 12.10 min Scan# 1889

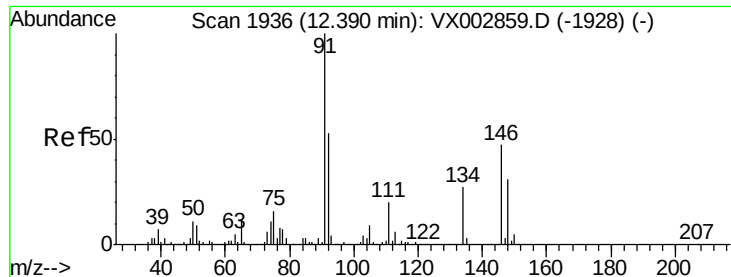
Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Tgt Ion:	146	Resp:	151598
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.7	56.1
148	64.5	32.4	97.0





#89

n-Butylbenzene

Concen: 19.28 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002868.D

Acq: 25 Jun 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 91 Resp: 226488

Ion Ratio Lower Upper

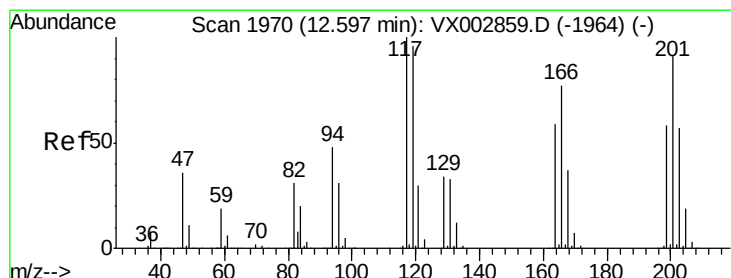
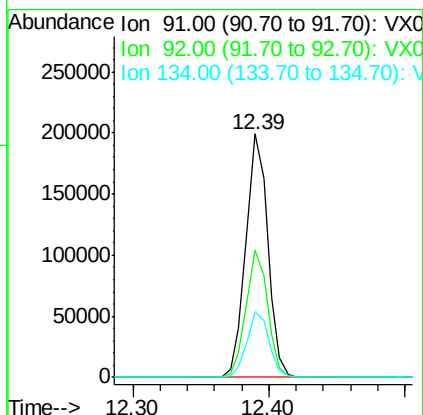
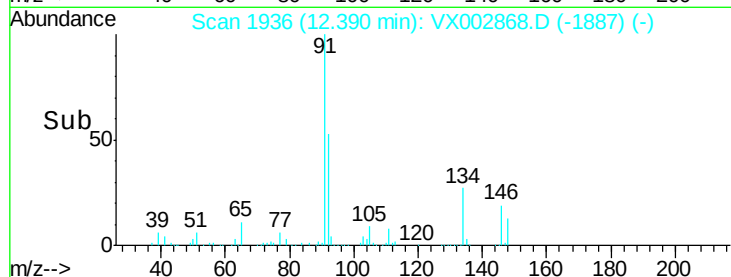
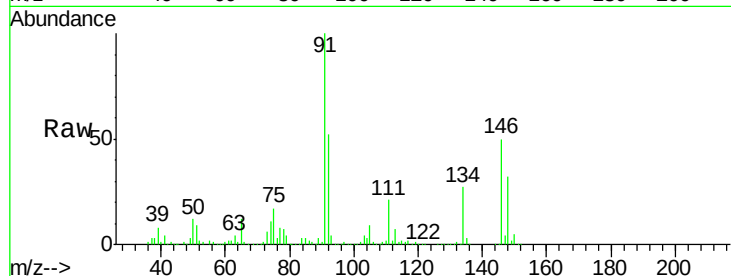
91 100

92 51.9 26.0 78.0

134 27.3 13.5 40.5

Manual Integrations
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#90

Hexachloroethane

Concen: 19.29 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002868.D

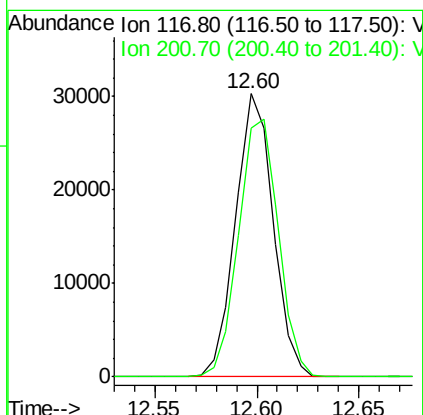
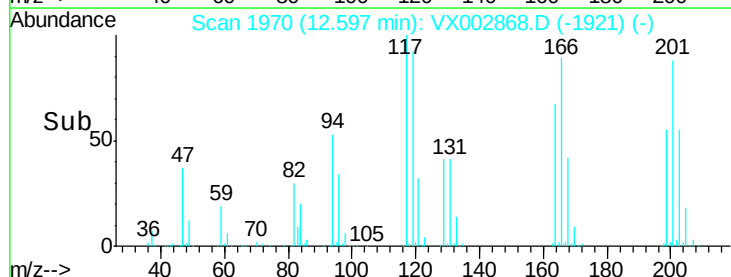
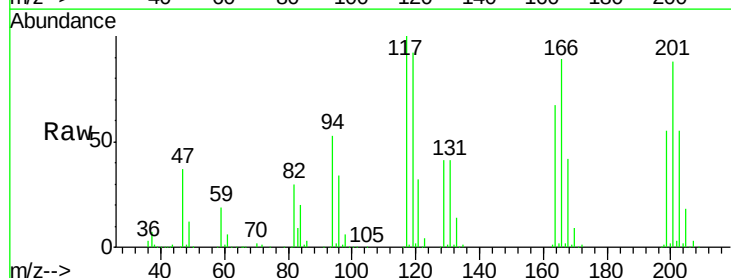
Acq: 25 Jun 2018 19:28

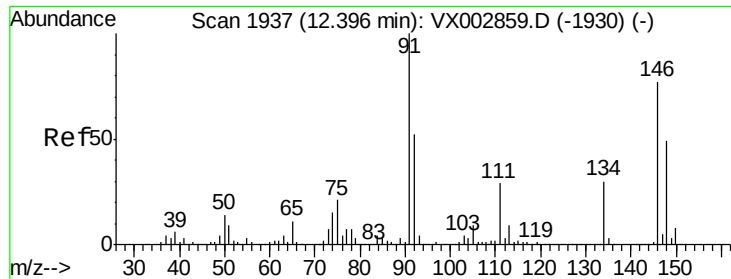
Tgt Ion: 117 Resp: 38732

Ion Ratio Lower Upper

117 100

201 96.6 49.0 147.0





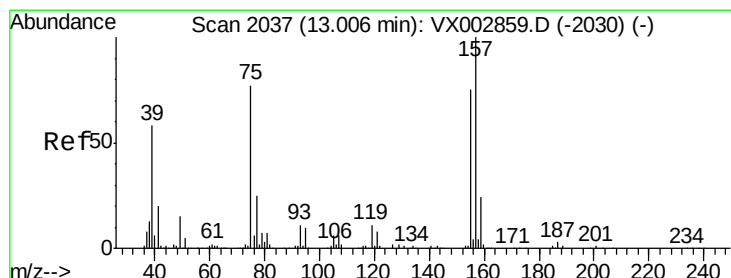
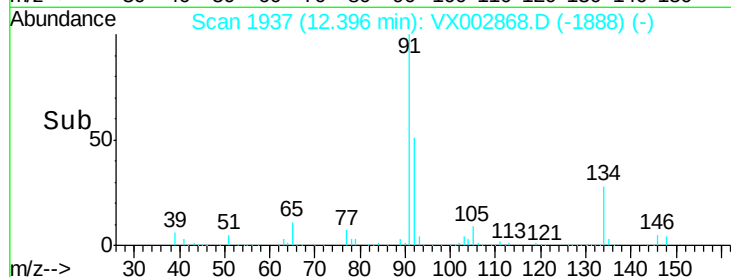
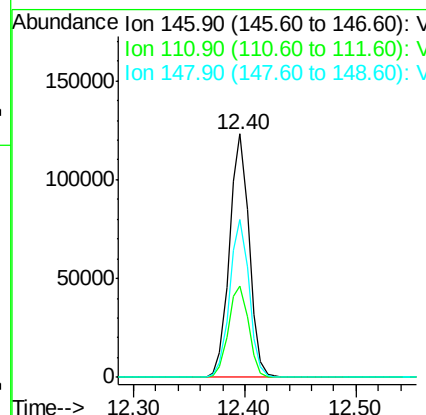
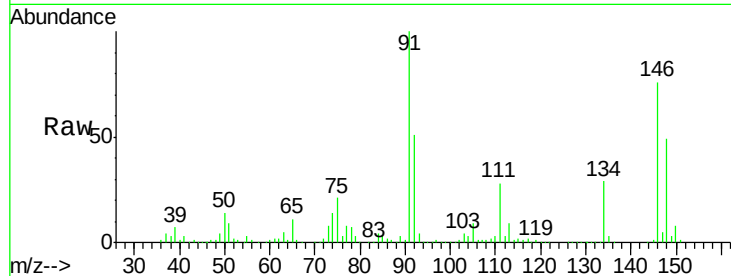
#91
 1,2-Dichlorobenzene
 Concen: 19.16 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.2	31.7	95.1

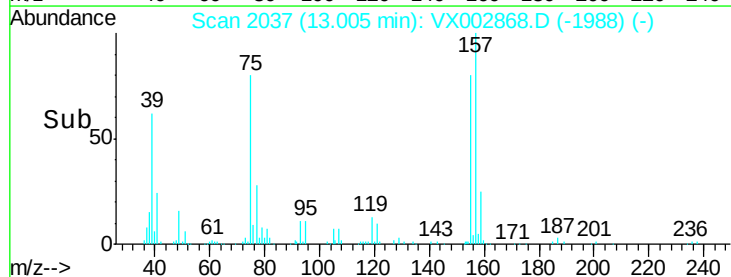
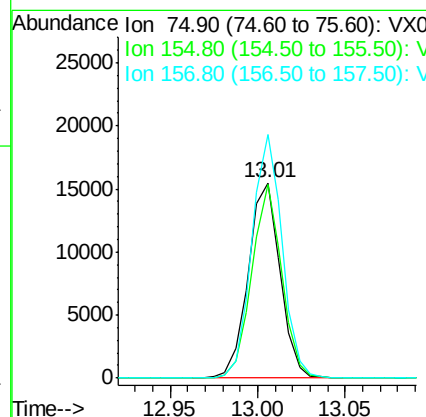
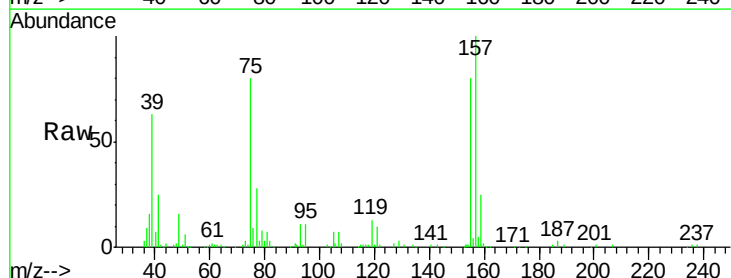
Manual Integrations
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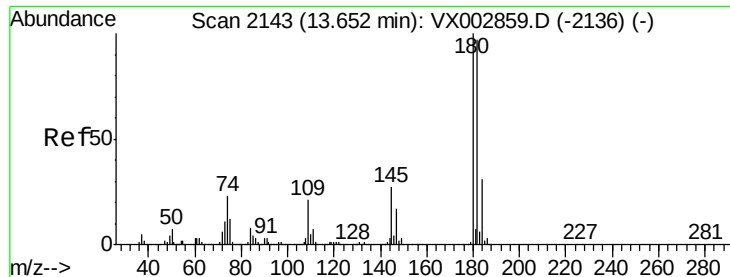
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.90 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	45.8	137.4
157	118.5	60.1	180.3





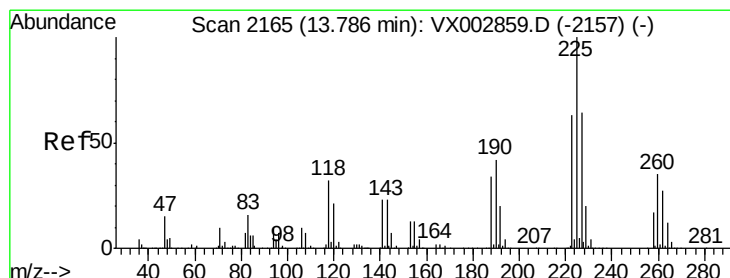
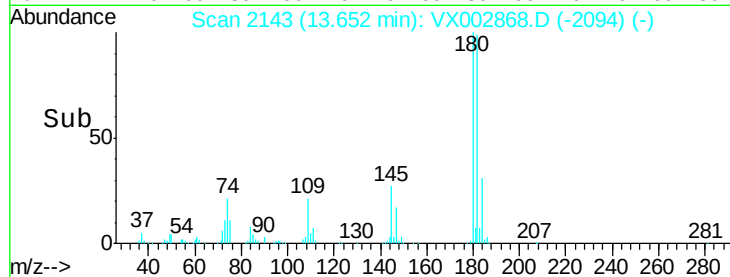
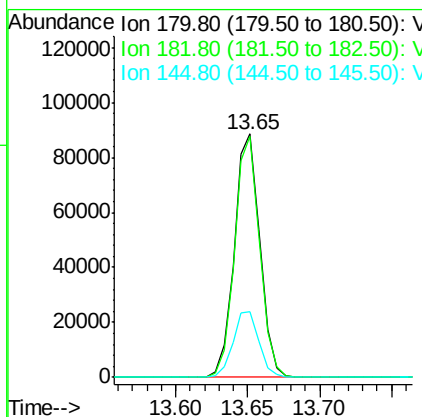
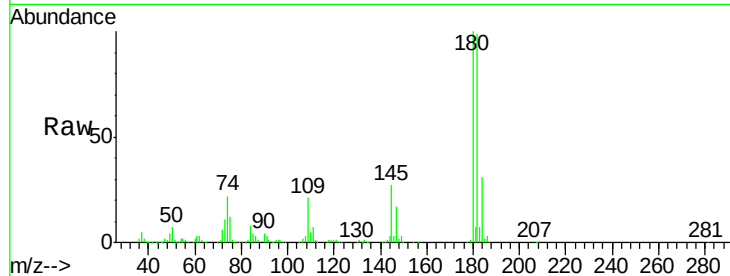
#93
 1,2,4-Trichlorobenzene
 Concen: 19.20 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	109370		
182	96.9	47.7	143.1	
145	27.5	14.1	42.4	

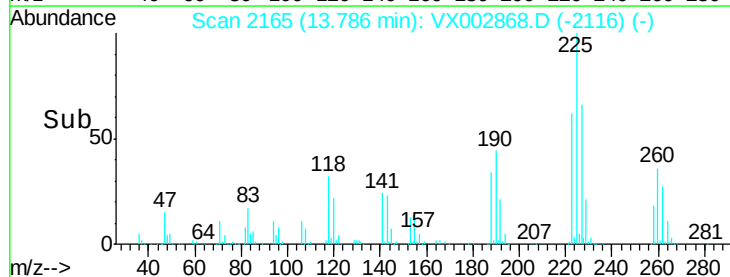
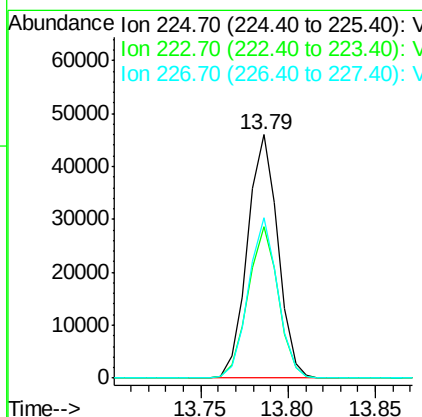
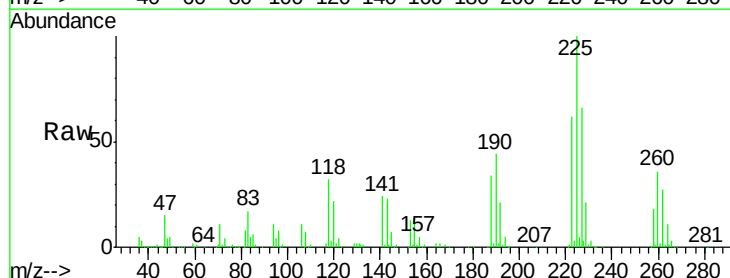
Manual Integrations
 APPROVED

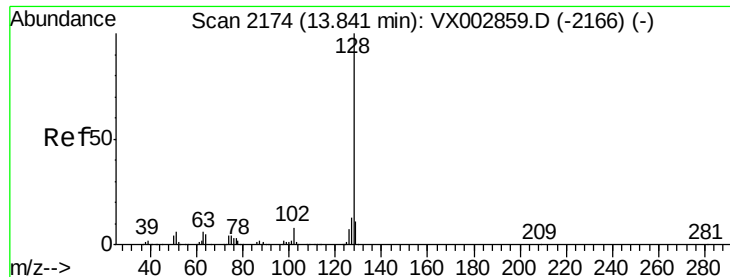
MMDadoda
 6/28/2018 2:26:30 PM



#94
 Hexachlorobutadiene
 Concen: 19.50 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002868.D
 Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55402		
223	61.9	31.6	95.0	
227	63.3	32.4	97.2	





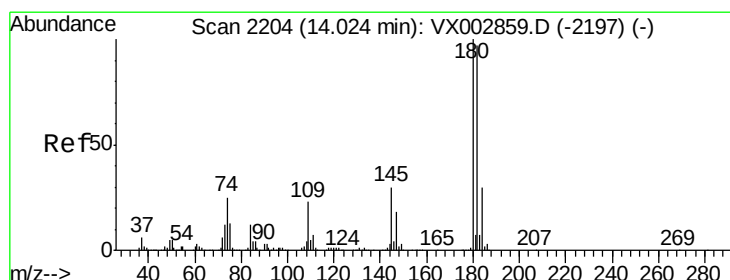
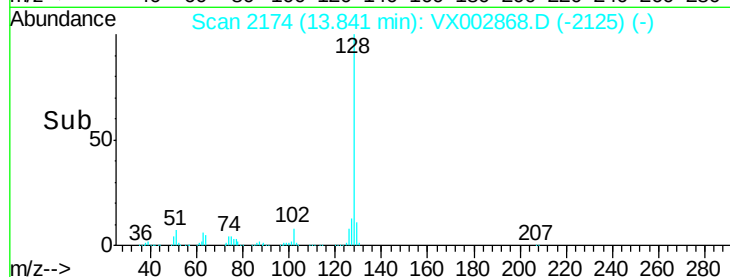
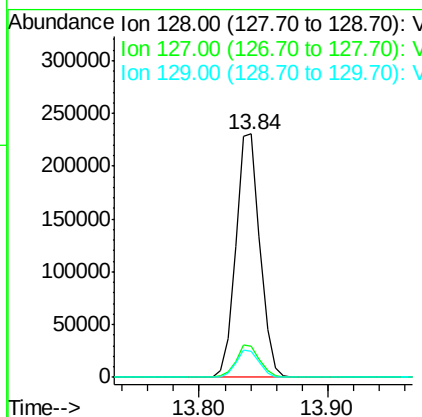
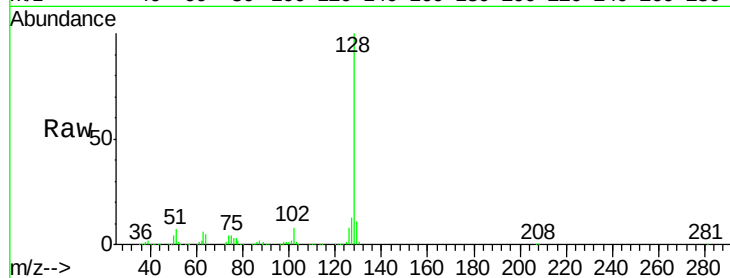
#95
Naphthalene
Concen: 19.71 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	299078		
127	13.1		10.4	15.6
129	11.1		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/28/2018 2:26:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.58 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002868.D
Acq: 25 Jun 2018 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	111389		
182	94.9		48.0	144.0
145	29.2		14.8	44.3

