

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002859.D
 Acq On : 25 Jun 2018 12:14
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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 6/28/2018 2:26:26 PM

Quant Time: Jun 25 12:52:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	234341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182196	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	
35) Dibromofluoromethane	5.51	113	145710	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.72	98	539302	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.14	95	207385	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	119870	41.09	ug/l	99
3) Chloromethane	1.32	50	126819	36.55	ug/l	100
4) Vinyl Chloride	1.40	62	140106	38.91	ug/l	97
5) Bromomethane	1.64	94	68597	31.57	ug/l	99
6) Chloroethane	1.72	64	92219	38.86	ug/l	97
7) Trichlorofluoromethane	1.93	101	250713	42.86	ug/l	100
8) Diethyl Ether	2.19	74	90154	40.52	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140528	42.98	ug/l	99
10) Methyl Iodide	2.51	142	135608	33.68	ug/l	99
11) Tert butyl alcohol	3.08	59	182900	211.90	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125198	40.78	ug/l	97
13) Acrolein	2.29	56	99418	227.14	ug/l	99
14) Allyl chloride	2.73	41	253235	41.54	ug/l	99
15) Acrylonitrile	3.15	53	389057	206.56	ug/l	100
16) Acetone	2.45	43	379170	205.83	ug/l	100
17) Carbon Disulfide	2.57	76	329186	45.21	ug/l	100
18) Methyl Acetate	2.78	43	223797	45.60	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	468909	40.71	ug/l	99
20) Methylene Chloride	2.86	84	143434	37.97	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	136814	41.08	ug/l	97
22) Diisopropyl ether	3.87	45	489507	44.38	ug/l	96
23) Vinyl Acetate	3.83	43	2075517	224.85	ug/l	99
24) 1,1-Dichloroethane	3.70	63	262850	43.91	ug/l	99
25) 2-Butanone	4.71	43	567127	234.43	ug/l	98
26) 2,2-Dichloropropane	4.59	77	216394	50.31	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	156308	46.12	ug/l	100
28) Bromochloromethane	5.03	49	132280	47.19	ug/l	95
29) Tetrahydrofuran	5.17	42	360053	227.09	ug/l	98
30) Chloroform	5.22	83	273076	47.31	ug/l	96
31) Cyclohexane	5.58	56	227895	46.24	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	244153	50.57	ug/l	99
36) 1,1-Dichloropropene	5.80	75	196903	49.30	ug/l	99
37) Ethyl Acetate	4.87	43	215475	47.67	ug/l	100
38) Carbon Tetrachloride	5.79	117	220457	55.43	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232888	49.88	ug/l	98
40) Benzene	6.15	78	585432	48.89	ug/l	99
41) Methacrylonitrile	5.07	41	126047	49.39	ug/l	99
42) 1,2-Dichloroethane	6.20	62	232277	50.10	ug/l	100
43) Isopropyl Acetate	6.47	43	360395	48.12	ug/l	99
44) Trichloroethene	7.21	130	169940	49.17	ug/l	98
45) 1,2-Dichloropropane	7.52	63	149138	47.32	ug/l	99
46) Dibromomethane	7.67	93	107983	51.22	ug/l	98
47) Bromodichloromethane	7.90	83	204332	54.95	ug/l	98
48) Methyl methacrylate	7.78	41	193221	50.49	ug/l	98
49) 1,4-Dioxane	7.76	88	73614	1015.67	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1174075	244.15	ug/l	99
52) Toluene	8.79	92	380424	49.80	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	239185	54.67	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	226732	55.94	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154126	49.93	ug/l	98
56) Ethyl methacrylate	9.18	69	231438	48.72	ug/l	98
57) 1,3-Dichloropropane	9.38	76	253457	48.55	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	571561	248.77	ug/l	98
59) 2-Hexanone	9.50	43	904212	249.54	ug/l	98
60) Dibromochloromethane	9.59	129	171683	57.62	ug/l	100
61) 1,2-Dibromoethane	9.68	107	163991	51.30	ug/l	100
64) Tetrachloroethene	9.34	164	194615	48.16	ug/l	98
65) Chlorobenzene	10.14	112	439077	49.11	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	165167	54.19	ug/l	99
67) Ethyl Benzene	10.26	91	754201	50.01	ug/l	100
68) m/p-Xylenes	10.36	106	586533	100.83	ug/l	99
69) o-Xylene	10.70	106	285385	49.93	ug/l	99
70) Styrene	10.71	104	472264	50.25	ug/l	99
71) Bromoform	10.86	173	134992	58.93	ug/l #	99
73) Isopropylbenzene	11.02	105	779052	49.71	ug/l	100
74) N-amyl acetate	6.47	43	360395	46.28	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228351	49.34	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	205910m	46.56	ug/l	
77) Bromobenzene	11.26	156	215725	49.41	ug/l	97
78) n-propylbenzene	11.37	91	894616	49.77	ug/l	100
79) 2-Chlorotoluene	11.43	91	527434	49.15	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	665130	50.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	66068	56.52	ug/l	100
82) 4-Chlorotoluene	11.51	91	630540	49.79	ug/l	100
83) tert-Butylbenzene	11.77	119	649153	50.87	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	683552	50.58	ug/l	99
85) sec-Butylbenzene	11.95	105	790107	49.80	ug/l	99
86) p-Isopropyltoluene	12.07	119	724472	50.47	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	397480	49.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	399524	49.04	ug/l	99
89) n-Butylbenzene	12.39	91	621305	49.06	ug/l	99
90) Hexachloroethane	12.60	117	107558	54.28	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	399310	49.55	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54821	56.55	ug/l	99

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QLast Update : Mon Jun 25 12:41:17 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	296105	50.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	148238	48.11	ug/l	100
95) Naphthalene	13.84	128	817259	51.92	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299229	50.94	ug/l	100

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

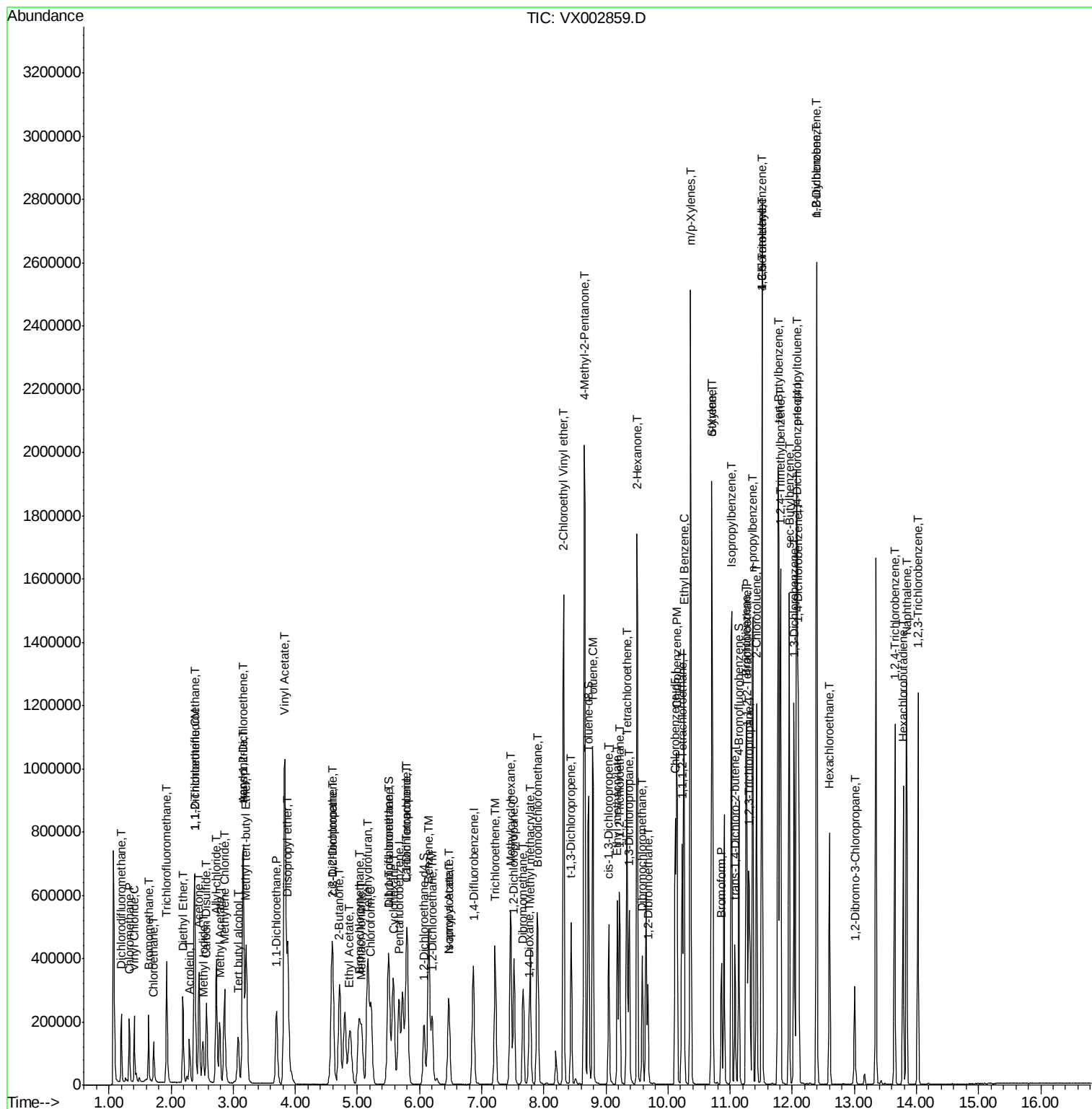
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062518\
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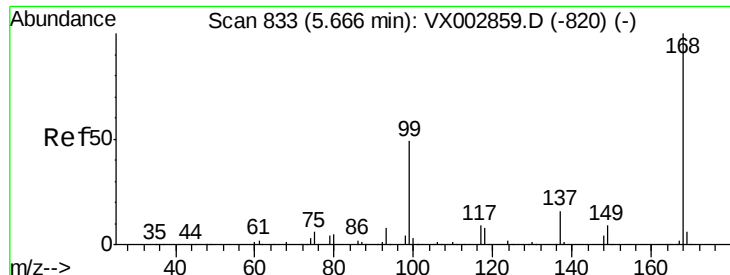
Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDICCC050

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 274763

Ion Ratio Lower Upper

168 100

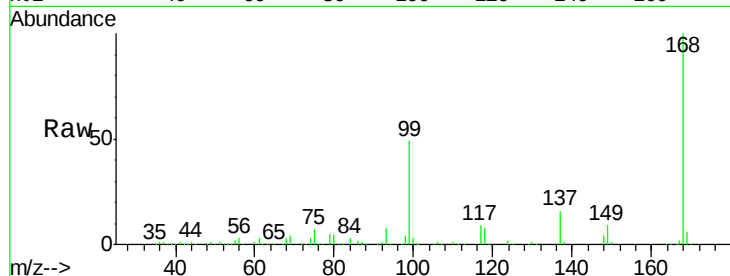
99 48.5 39.3 58.9

Manual Integrations

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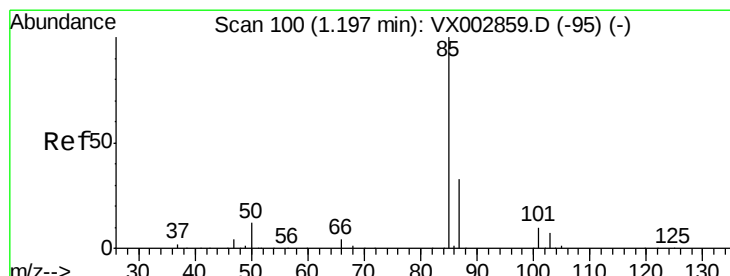
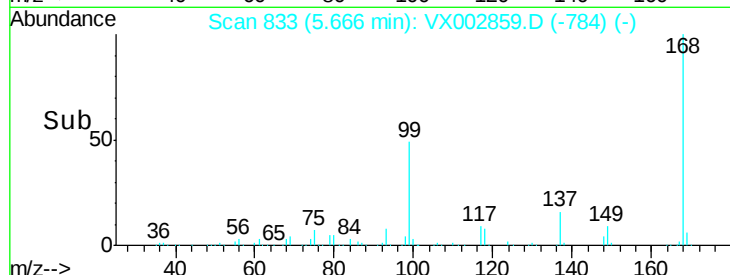
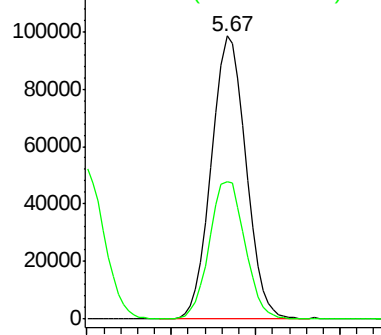
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002859.D

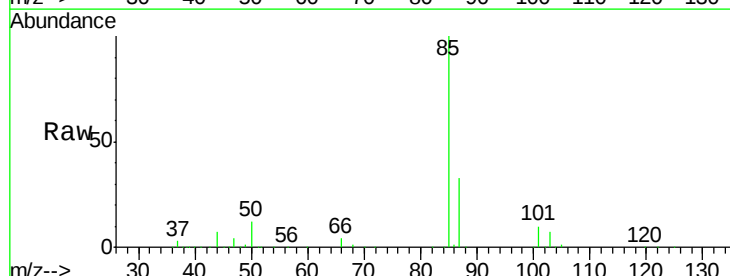
Acq: 25 Jun 2018 12:14

Tgt Ion: 85 Resp: 119870

Ion Ratio Lower Upper

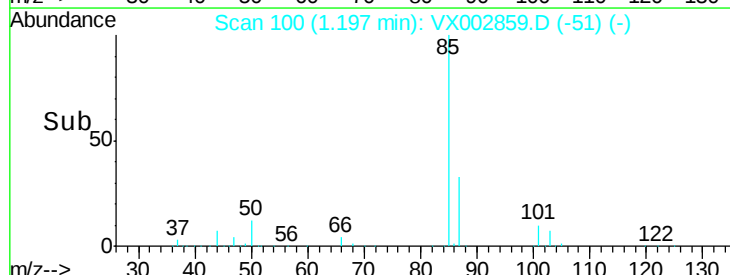
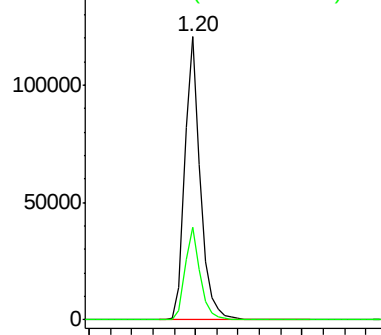
85 100

87 32.7 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: 36.55 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 50 Resp: 126819

Ion Ratio Lower Upper

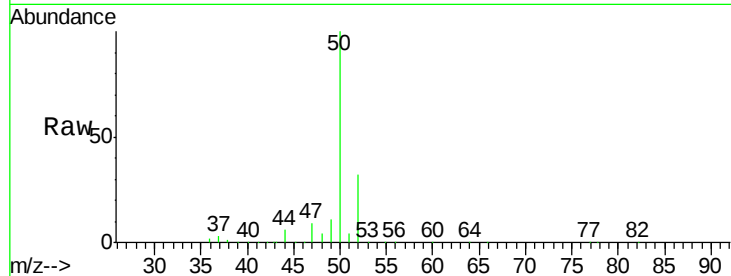
50 100

52 32.2 25.7 38.5

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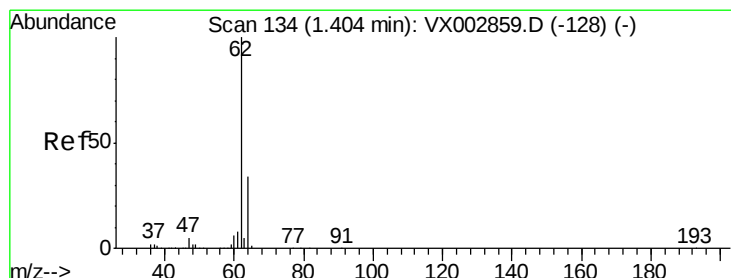
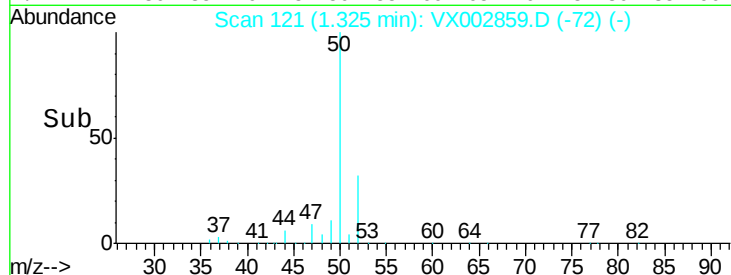
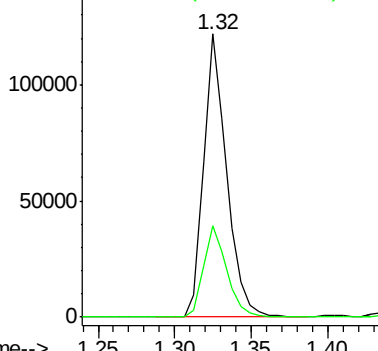
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 38.91 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002859.D

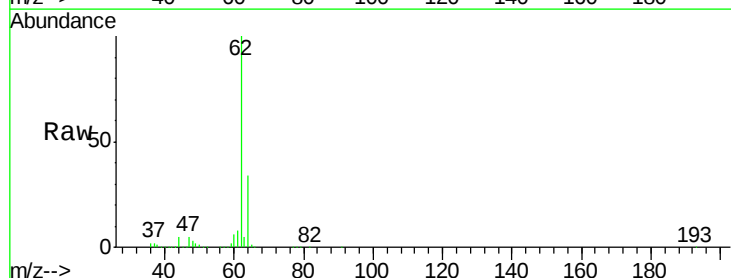
Acq: 25 Jun 2018 12:14

Tgt Ion: 62 Resp: 140106

Ion Ratio Lower Upper

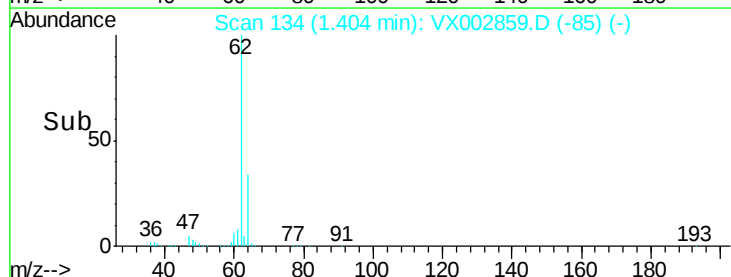
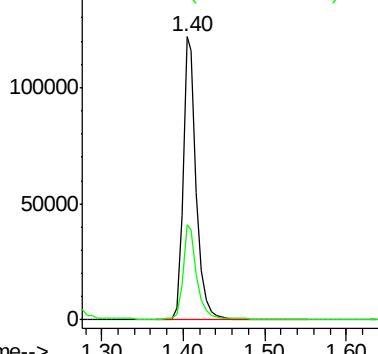
62 100

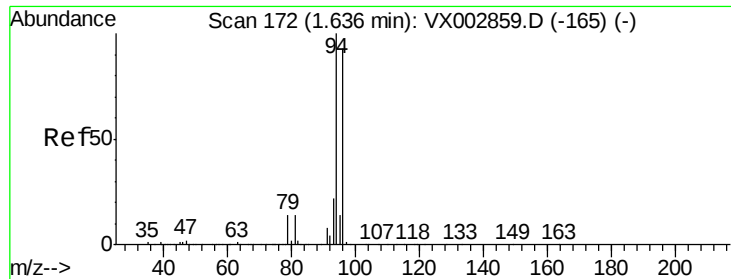
64 33.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 31.57 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 68597

Ion Ratio Lower Upper

94 100

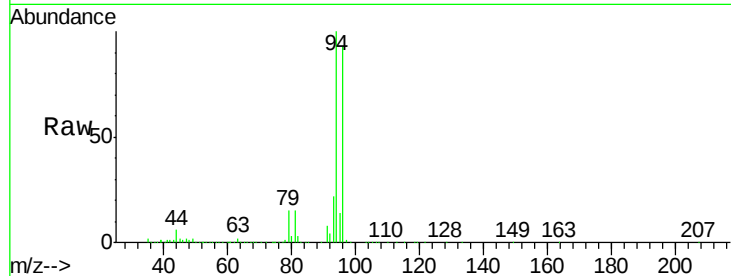
96 92.6 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

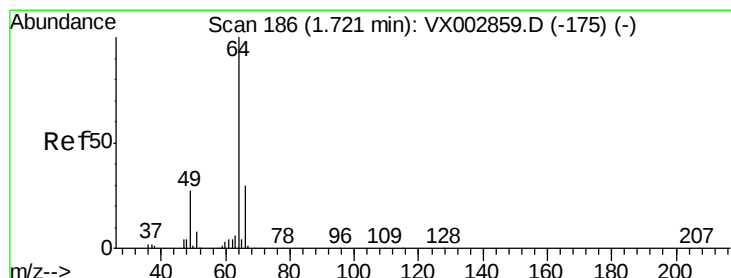
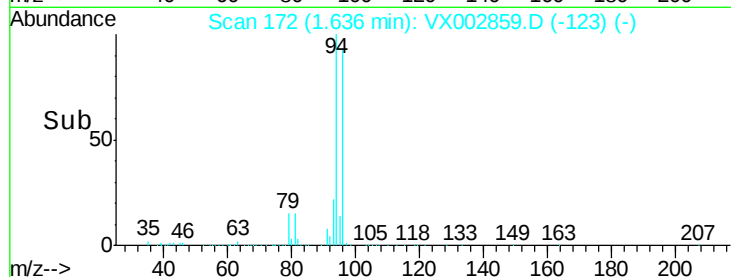
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 38.86 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002859.D

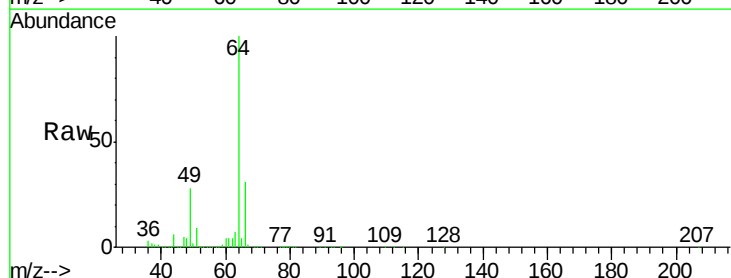
Acq: 25 Jun 2018 12:14

Tgt Ion: 64 Resp: 92219

Ion Ratio Lower Upper

64 100

66 30.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

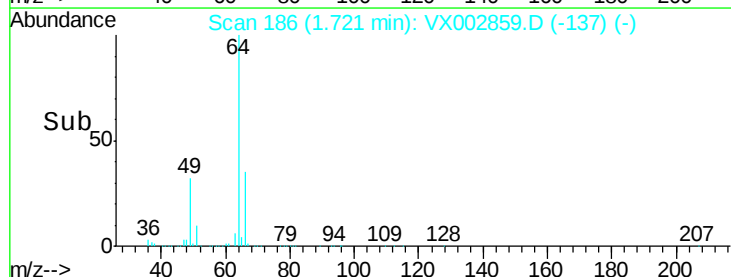
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40000

20000

0

Time--> 1.60 1.70 1.80





#7

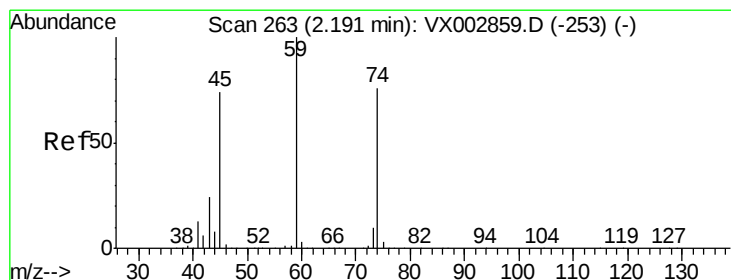
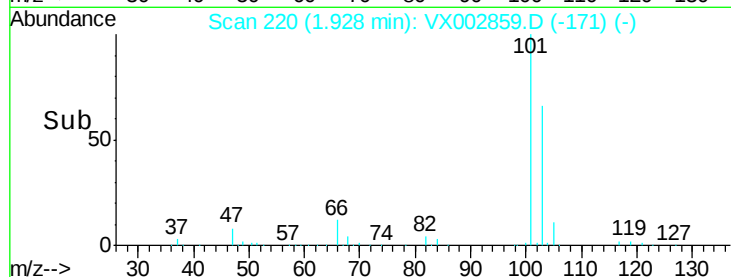
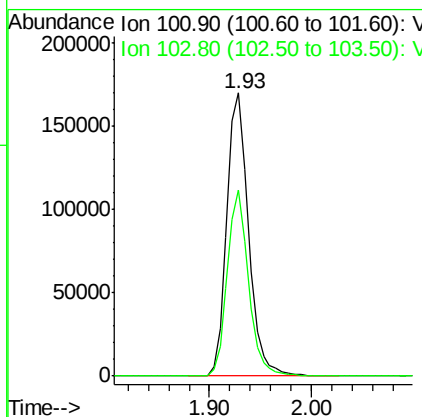
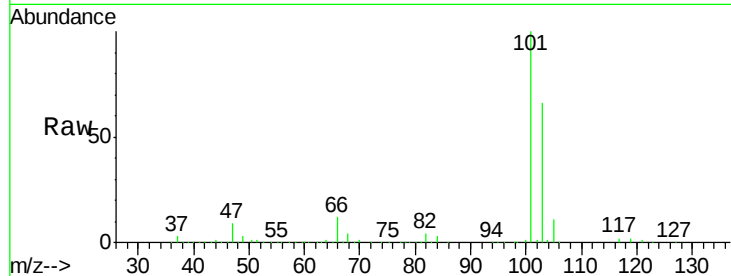
Trichlorofluoromethane
Concen: 42.86 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.8	79.2

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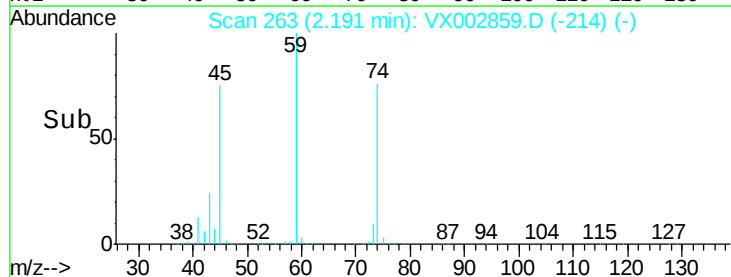
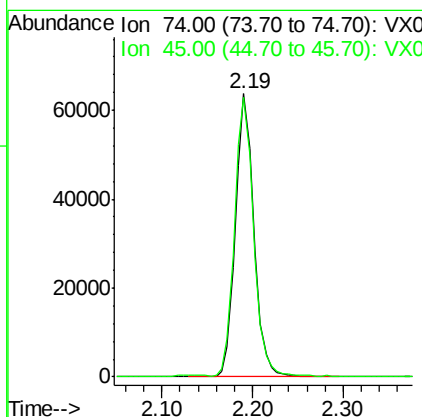
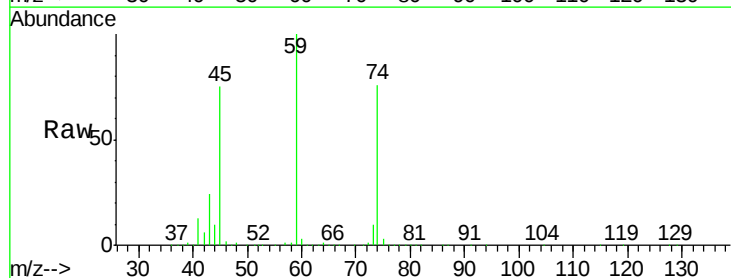
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#8

Diethyl Ether
Concen: 40.52 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.98 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

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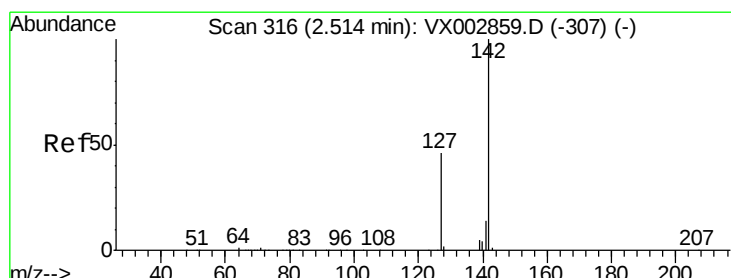
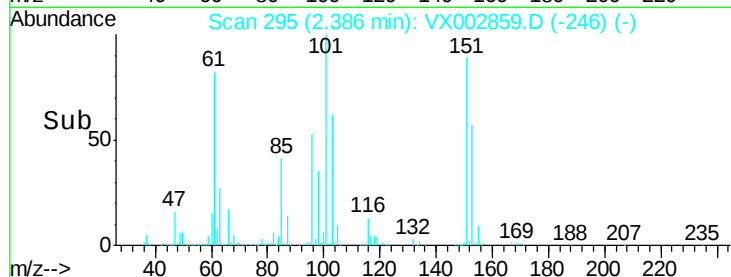
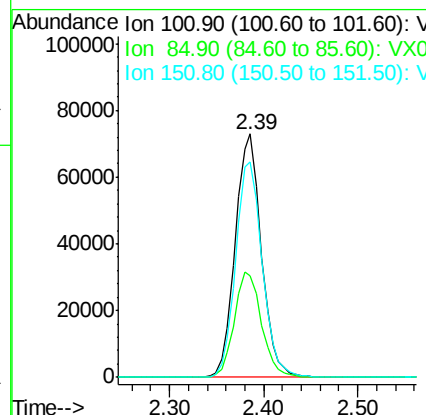
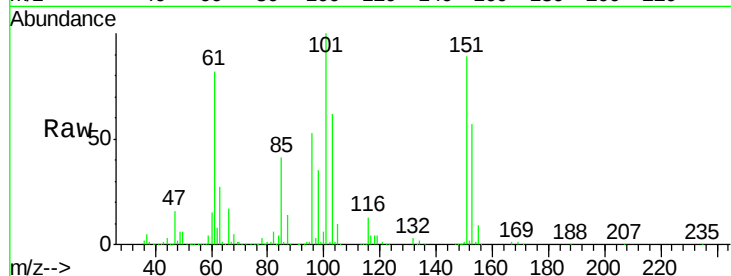
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	140528
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	90.1	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 33.68 ug/l

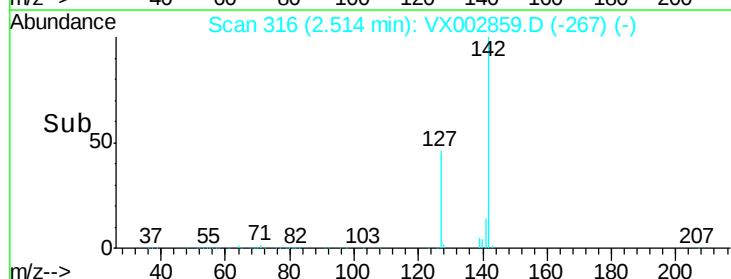
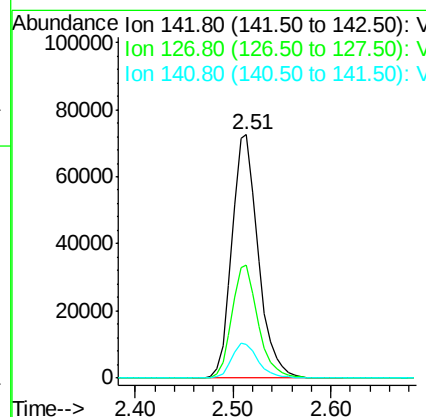
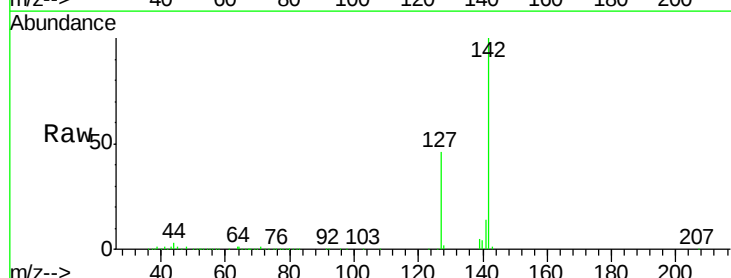
RT: 2.51 min Scan# 316

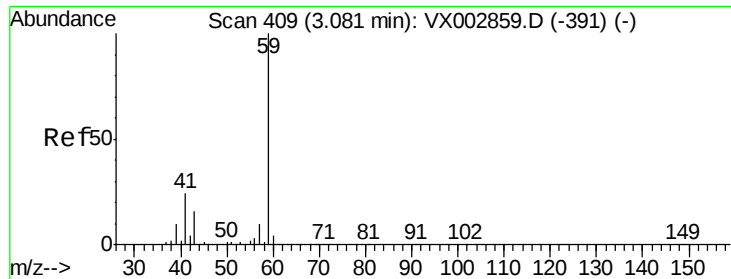
Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Tgt Ion:	142	Resp:	135608
Ion Ratio	Lower	Upper	
142	100		
127	46.2	36.6	55.0
141	14.6	11.3	16.9





#11

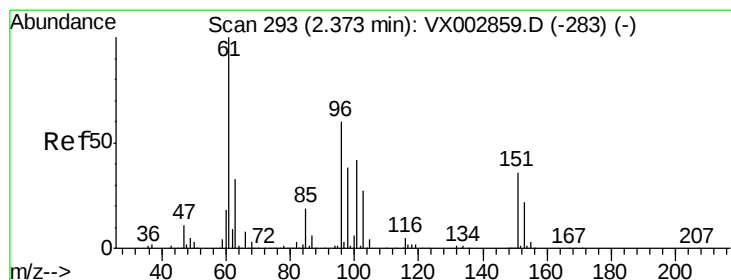
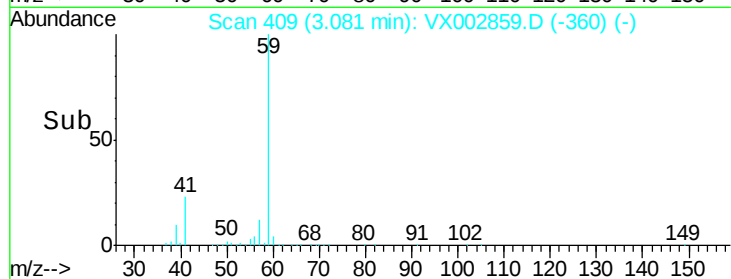
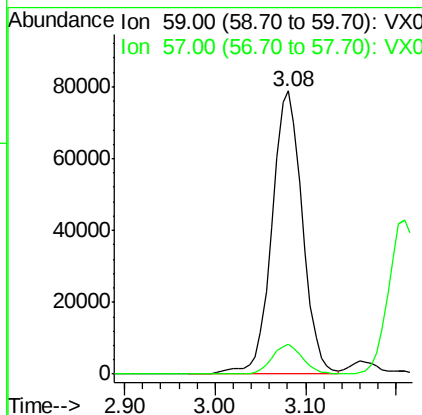
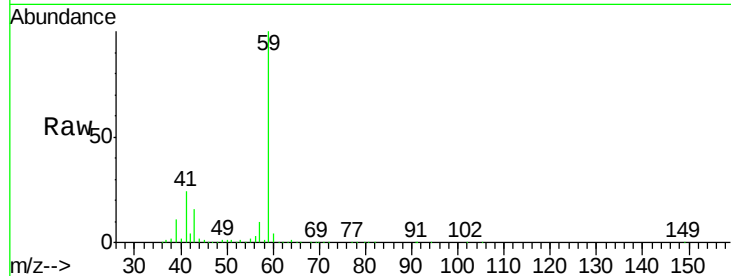
Tert butyl alcohol
 Concen: 211.90 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

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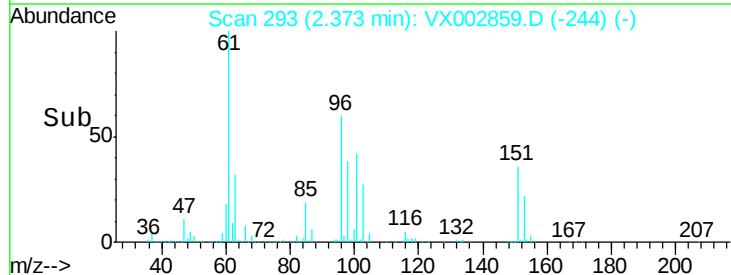
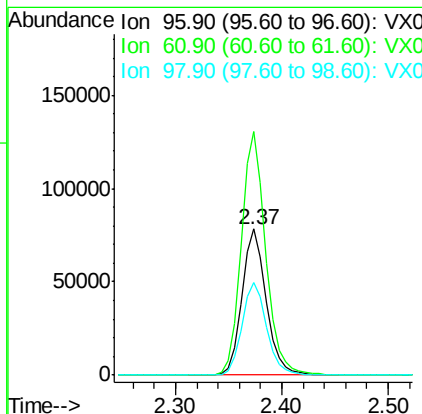
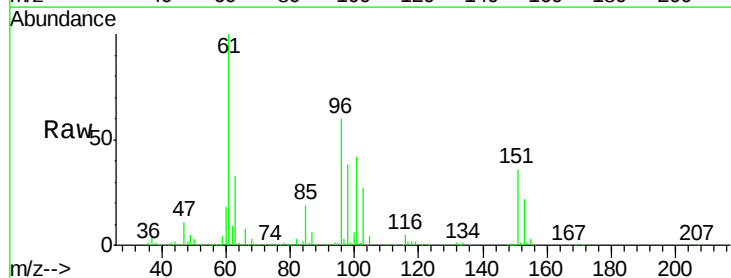
MMDadoda
 6/28/2018 2:26:26 PM



#12

1,1-Dichloroethene
 Concen: 40.78 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.5	137.9	206.9
98	63.4	51.6	77.4





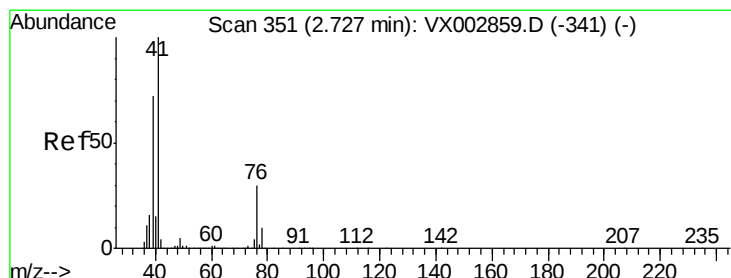
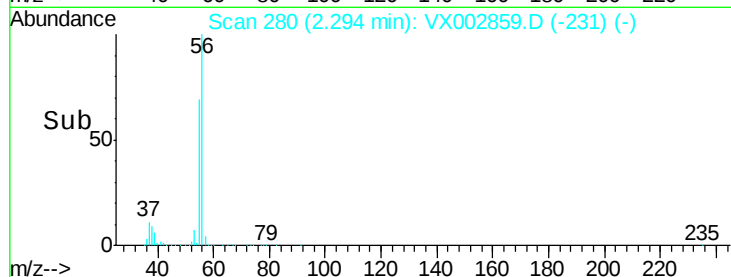
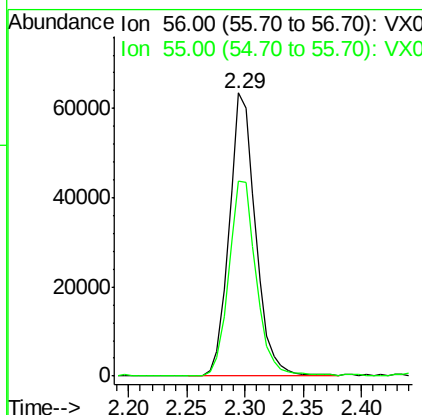
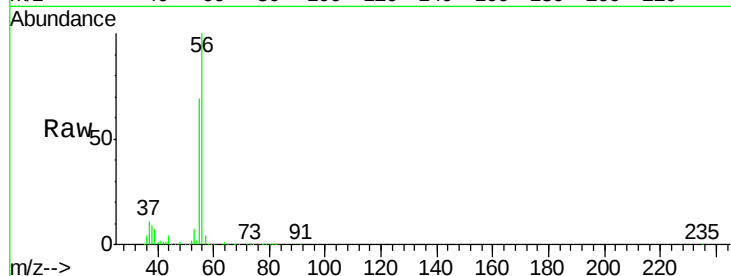
#13
Acrolein
Concen: 227.14 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	99418
Ion Ratio	100	Lower	Upper
55	72.1	57.0	85.4

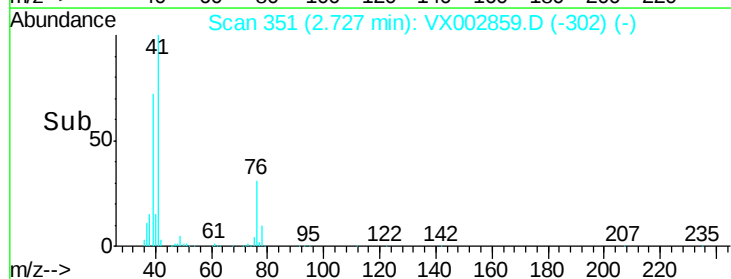
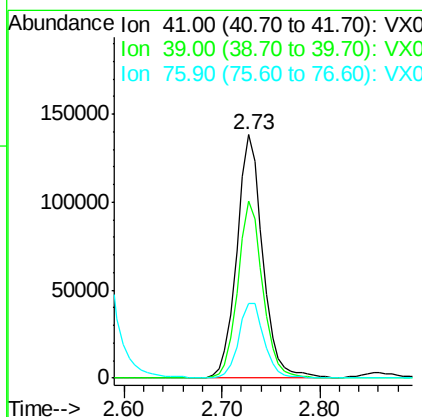
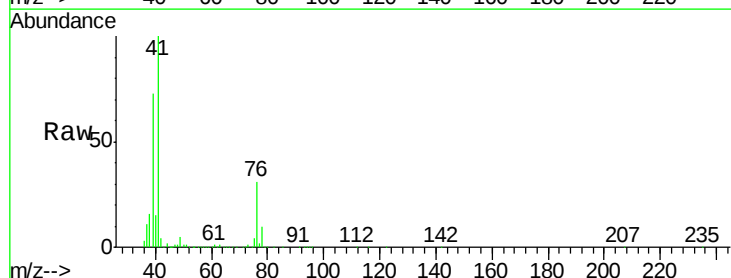
Manual Integrations
APPROVED

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#14
Allyl chloride
Concen: 41.54 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion	41	Resp	253235
Ion Ratio	100	Lower	Upper
39	69.8	56.8	85.2
76	30.4	23.8	35.8





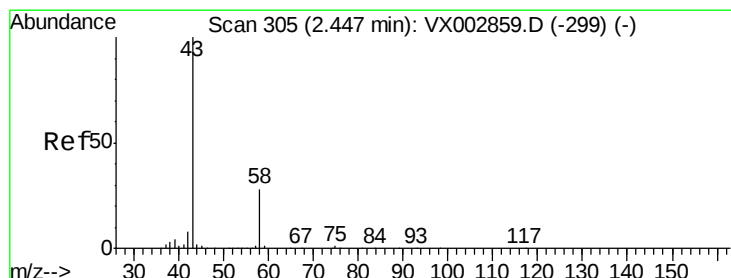
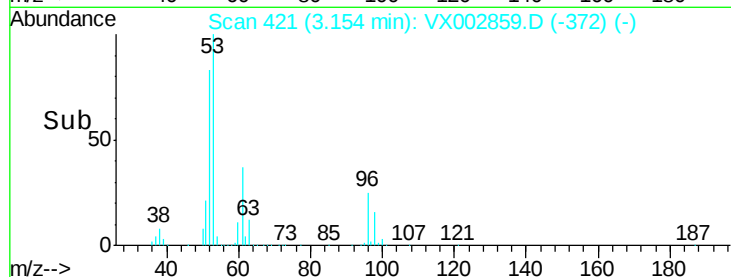
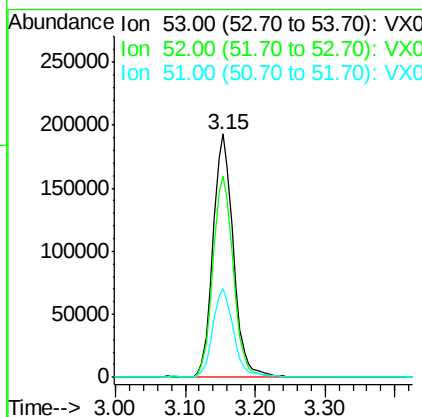
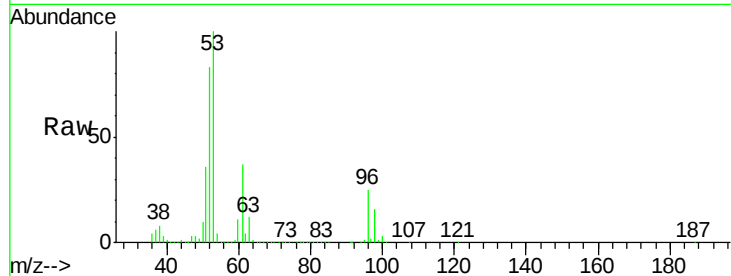
#15
Acrylonitrile
Concen: 206.56 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	37.4	29.9	44.9

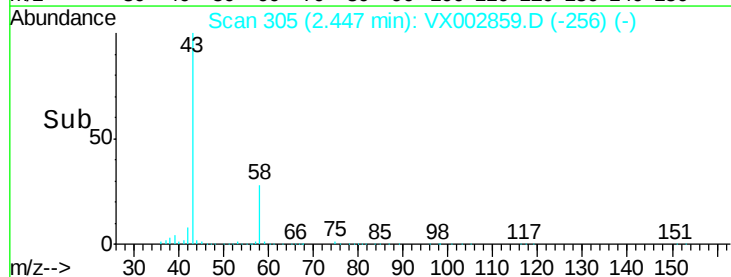
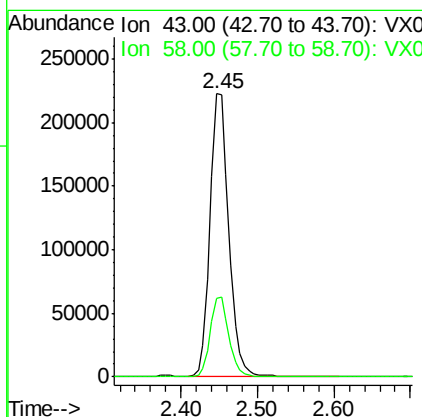
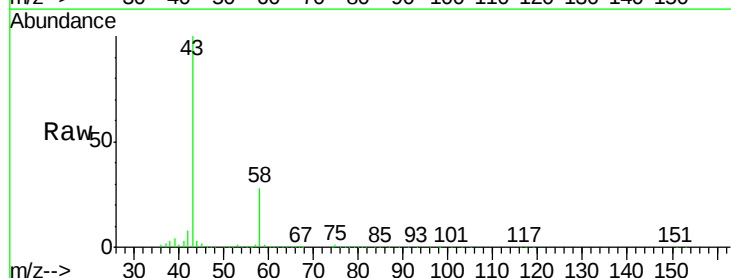
Manual Integrations
APPROVED

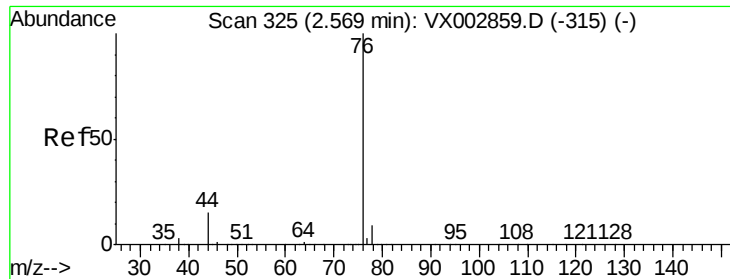
MMDadoda
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#16
Acetone
Concen: 205.83 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.1	33.1





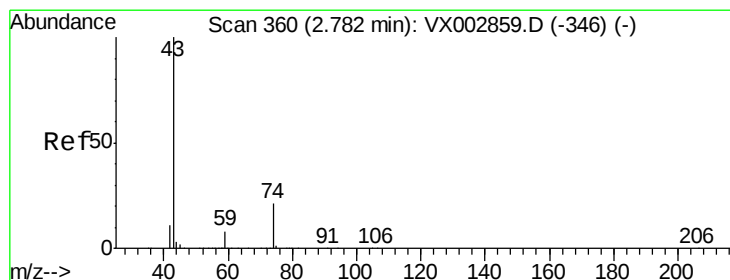
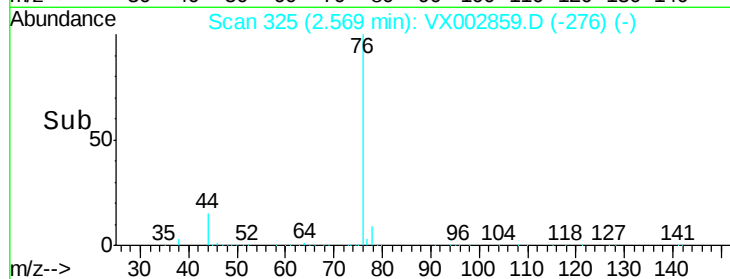
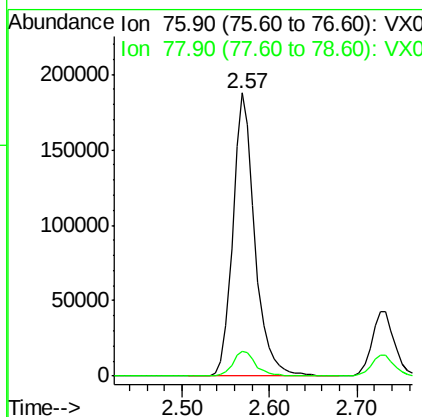
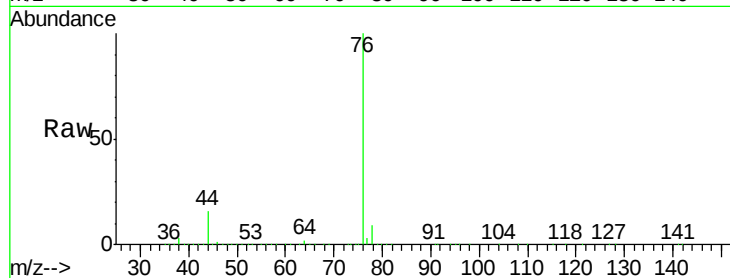
#17
Carbon Disulfide
Concen: 45.21 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	329186		
78	8.6		6.9	10.3

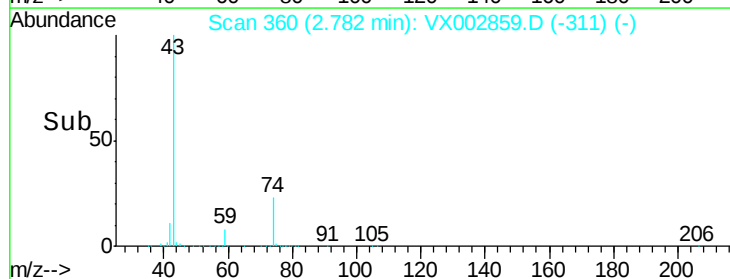
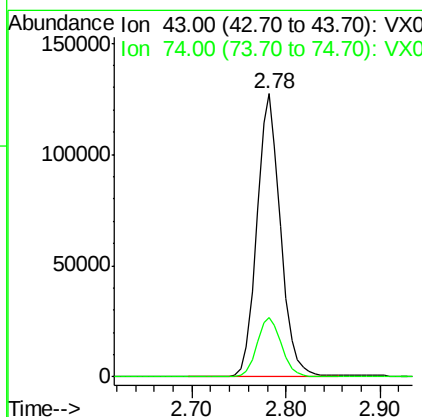
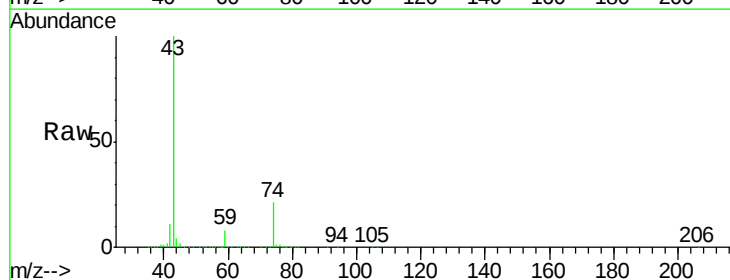
Manual Integrations
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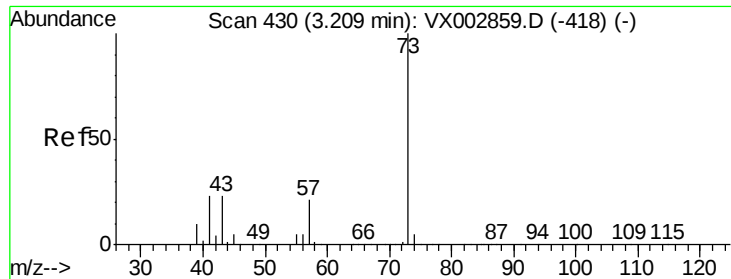
MMDadoda
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#18
Methyl Acetate
Concen: 45.60 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	223797		
74	22.2		16.7	25.1





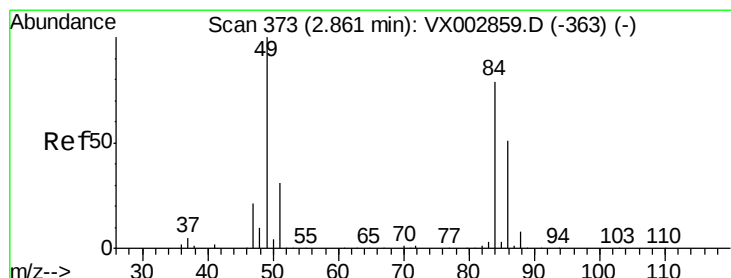
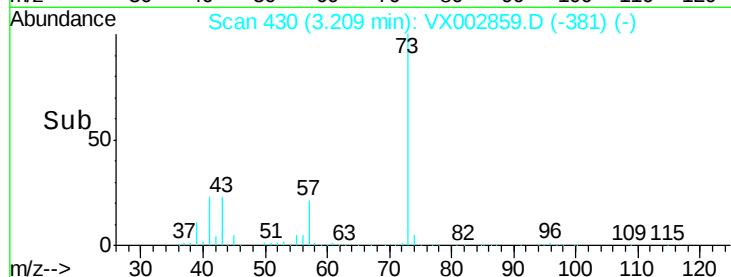
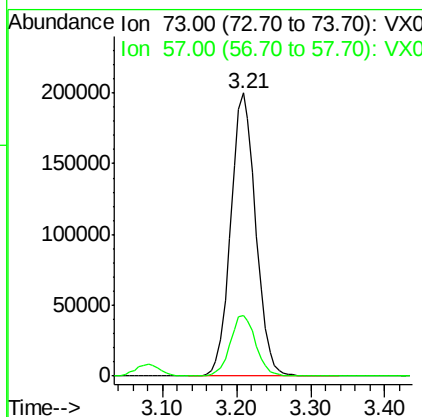
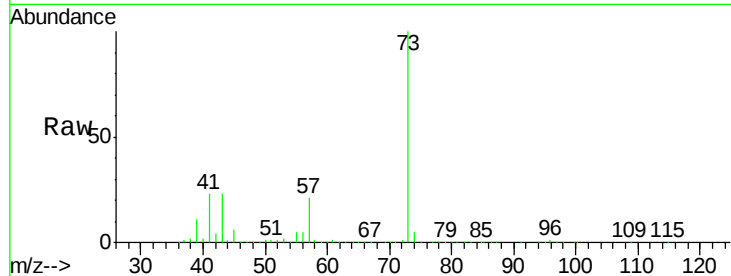
#19
Methvl tert-butvl Ether
Concen: 40.71 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 468909
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

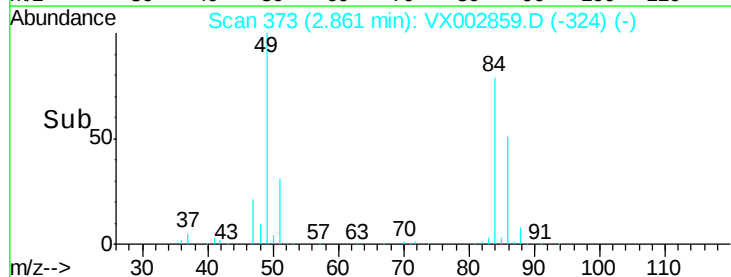
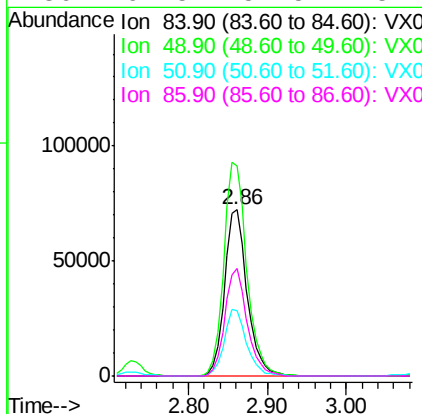
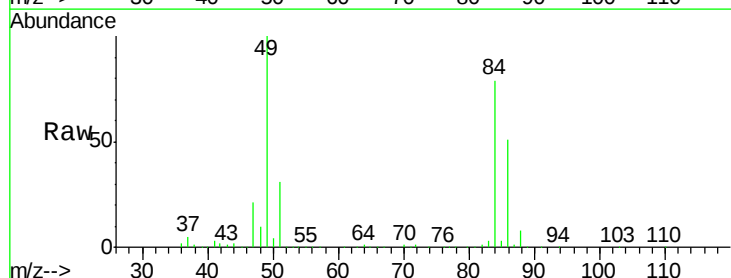
Manual Integrations
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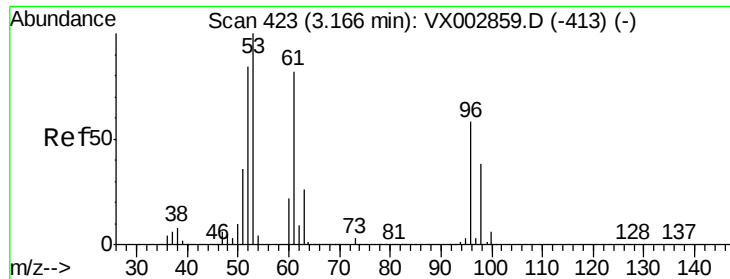
MMDadoda
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#20
Methylene Chloride
Concen: 37.97 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion: 84 Resp: 143434
Ion Ratio Lower Upper
84 100
49 126.7 107.8 161.6
51 39.1 32.8 49.2
86 64.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 41.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

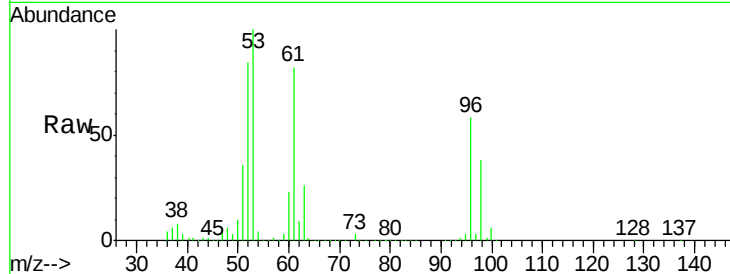
VSTDICCC050

Tot Ion: 96 Resp: 136814

Ion	Ratio	Lower	Upper
96	100		
61	140.7	117.0	175.4
98	64.5	52.4	78.6

Manual Integrations
APPROVED

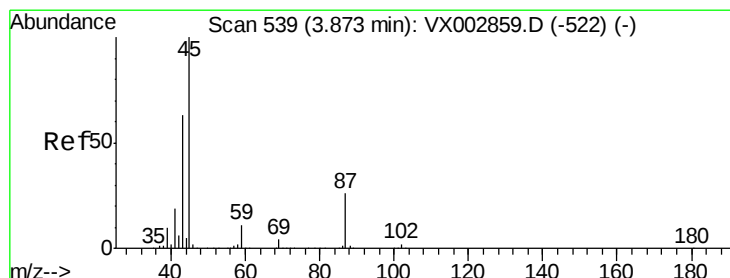
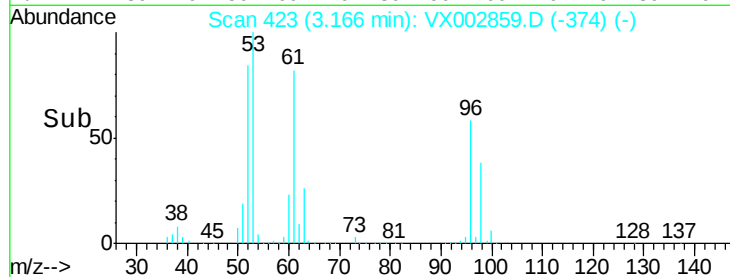
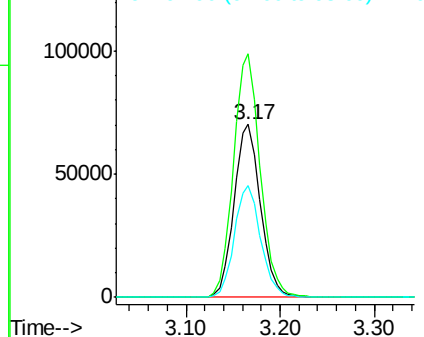
MMDadoda
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.38 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Tgt Ion: 45 Resp: 489507

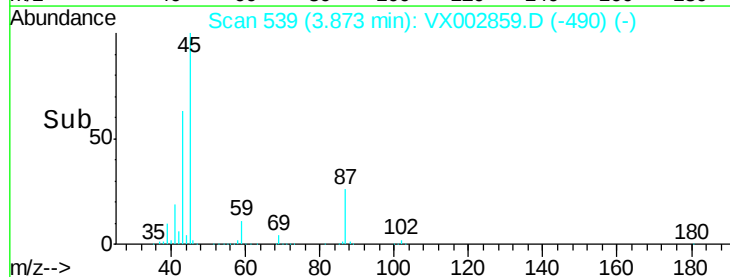
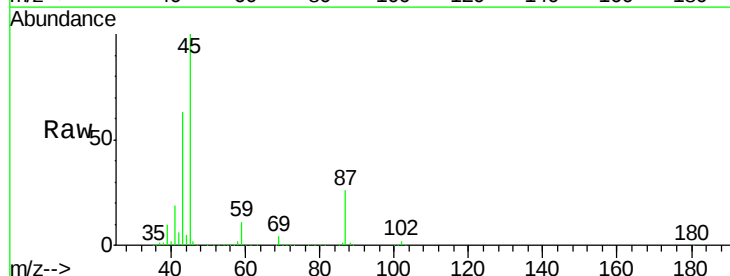
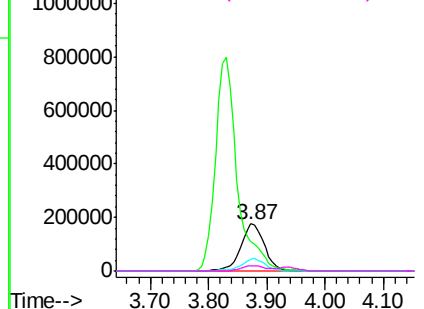
Ion	Ratio	Lower	Upper
45	100		
43	62.6	46.8	70.2
87	25.8	20.2	30.4
59	10.8	8.7	13.1

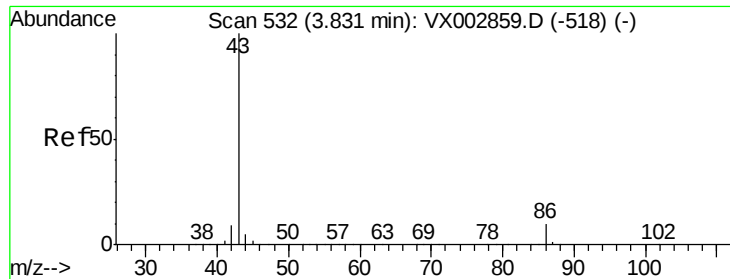
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





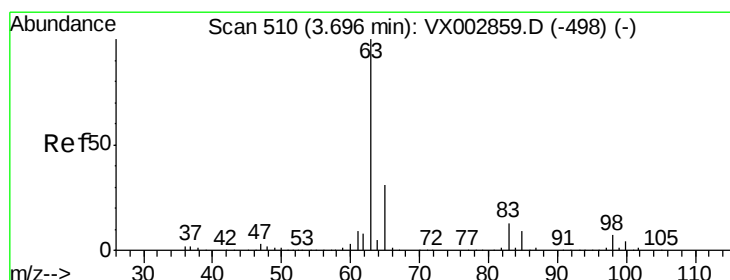
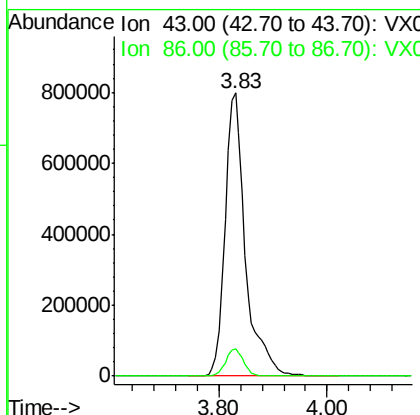
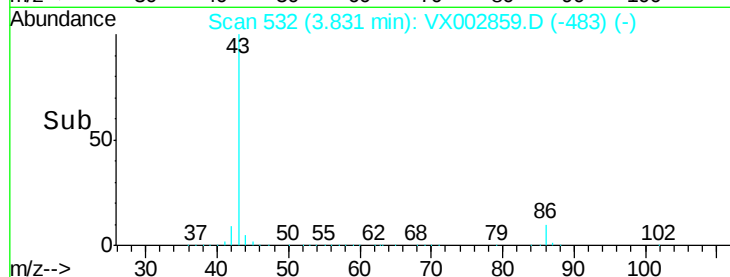
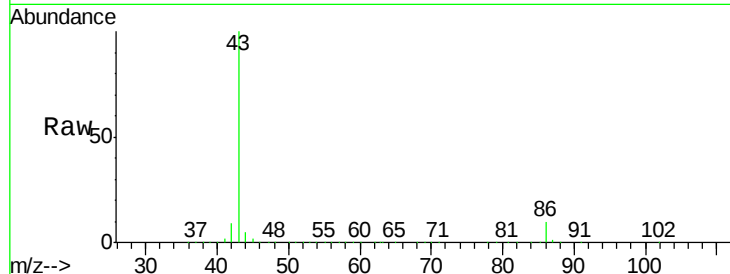
#23
 Vinyl Acetate
 Concen: 224.85 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 2075517
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.4 11.0

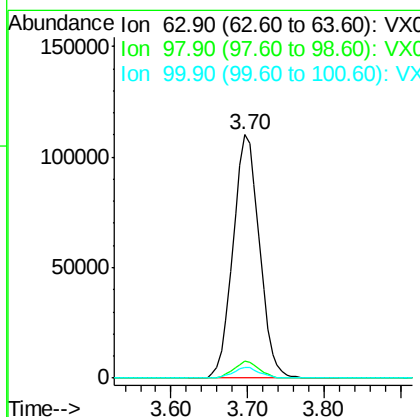
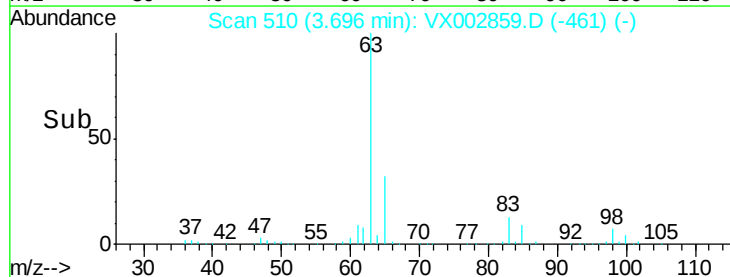
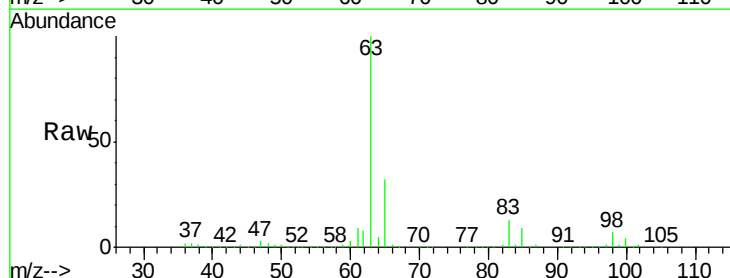
Manual Integrations
 APPROVED

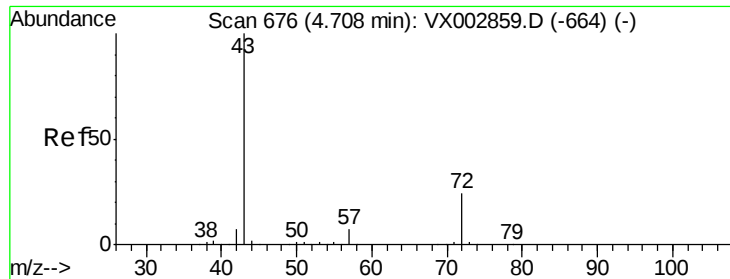
MMDadoda
 6/28/2018 2:26:26 PM



#24
 1,1-Dichloroethane
 Concen: 43.91 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion: 63 Resp: 262850
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 234.43 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 567127

Ion Ratio Lower Upper

43 100

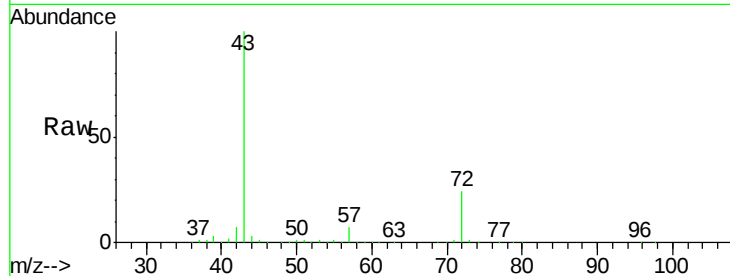
72 23.9 18.5 27.7

Manual Integrations

APPROVED

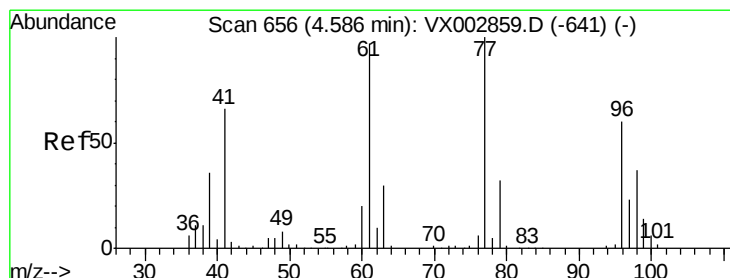
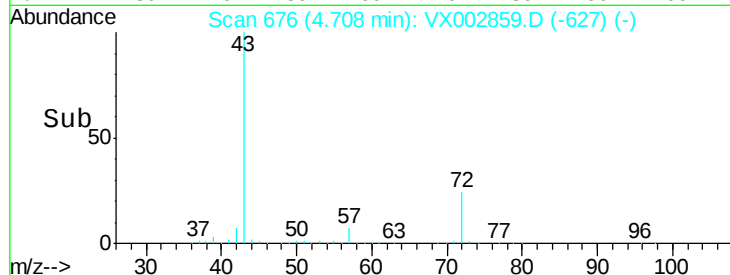
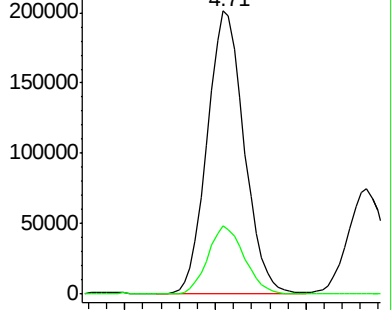
MMDadoda

6/28/2018 2:26:26 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.31 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002859.D

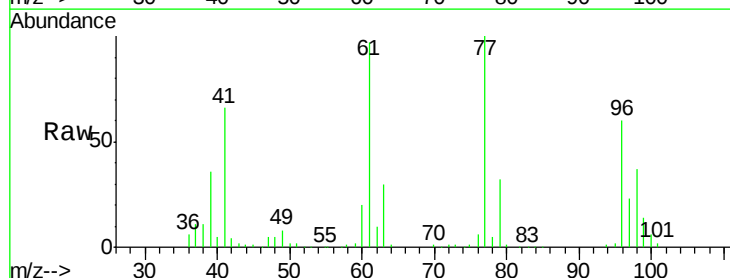
Acq: 25 Jun 2018 12:14

Tgt Ion: 77 Resp: 216394

Ion Ratio Lower Upper

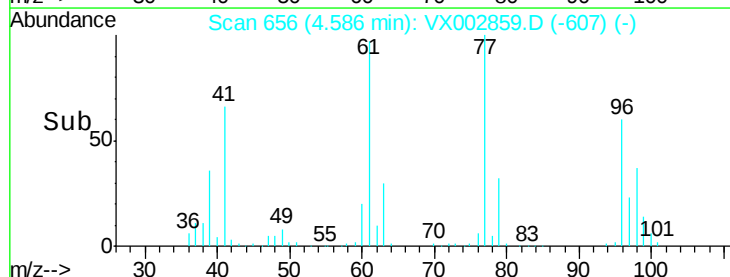
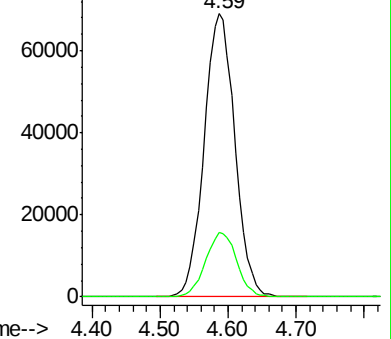
77 100

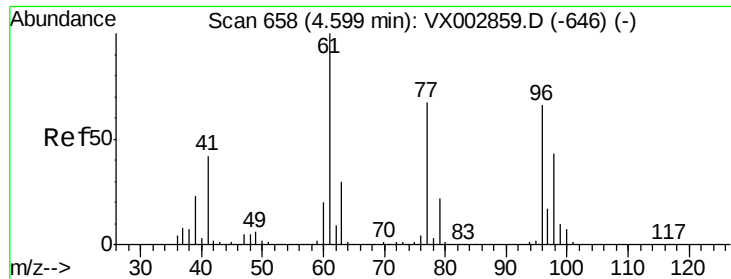
97 23.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.12 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

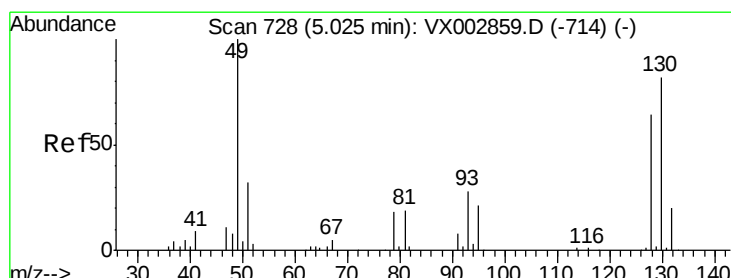
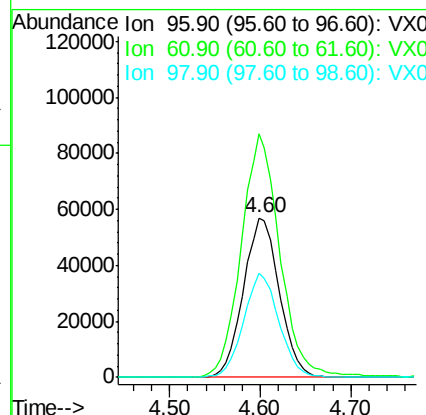
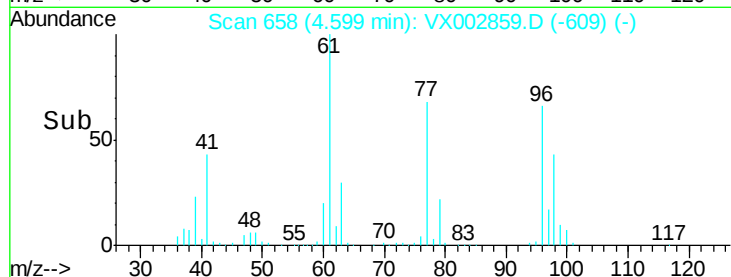
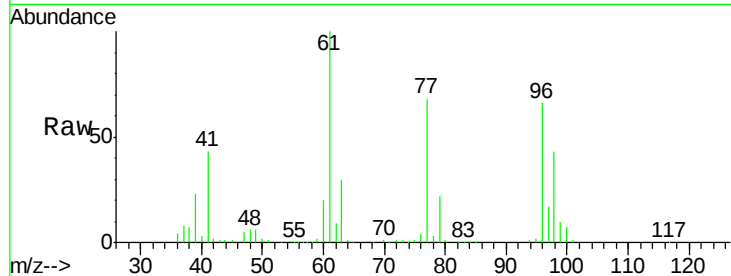
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	156308
Ion Ratio	Lower	Upper	
96	100		
61	164.6	0.0	330.2
98	64.5	0.0	130.2

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#28

Bromochloromethane

Concen: 47.19 ug/l

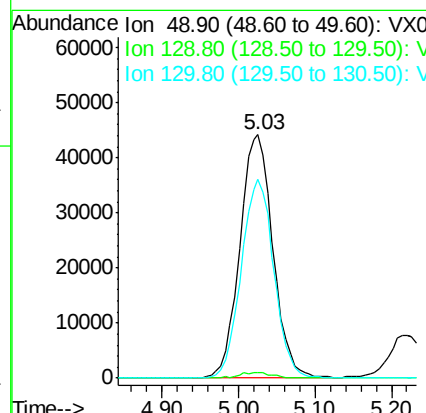
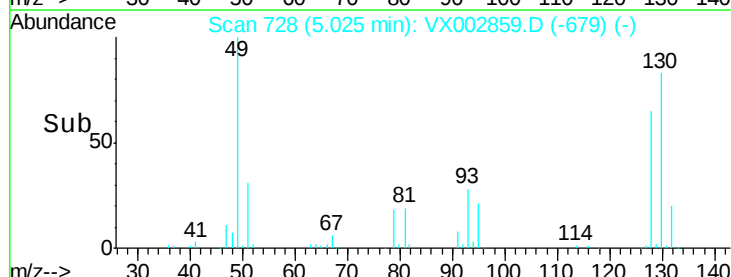
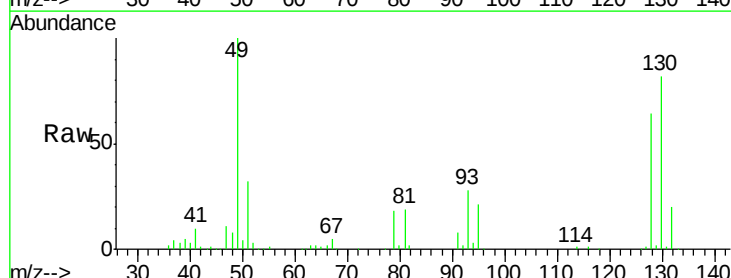
RT: 5.03 min Scan# 728

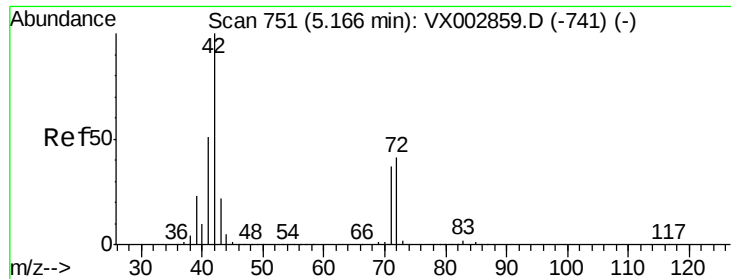
Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Tgt Ion:	49	Resp:	132280
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	4.2
130	80.7	61.2	91.8





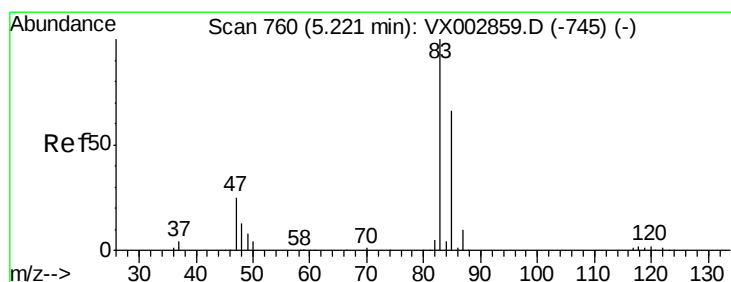
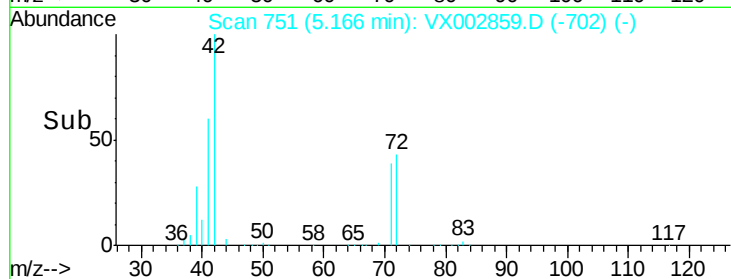
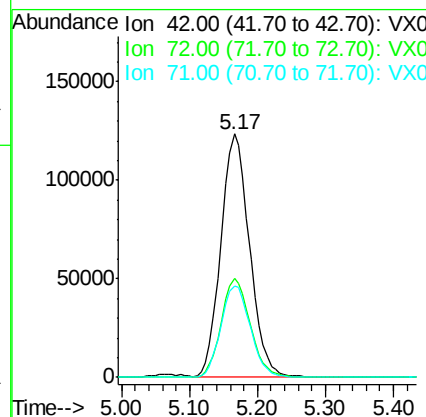
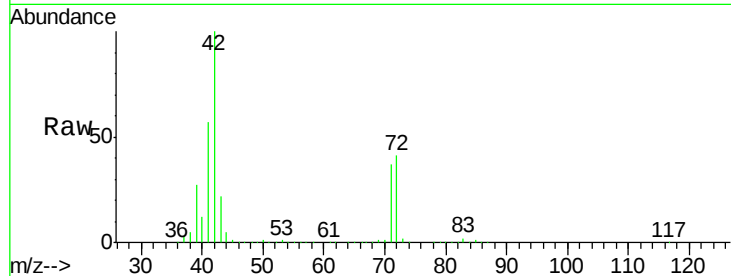
#29
Tetrahydrofuran
Concen: 227.09 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.0	48.0
71	38.8	30.1	45.1

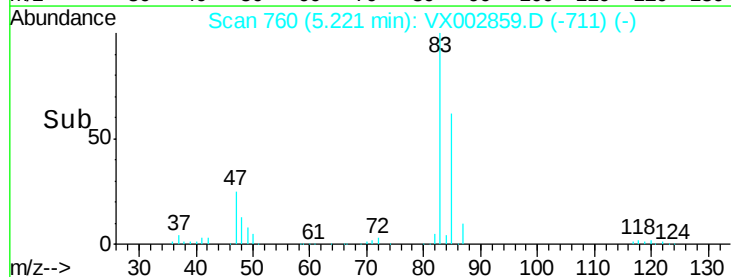
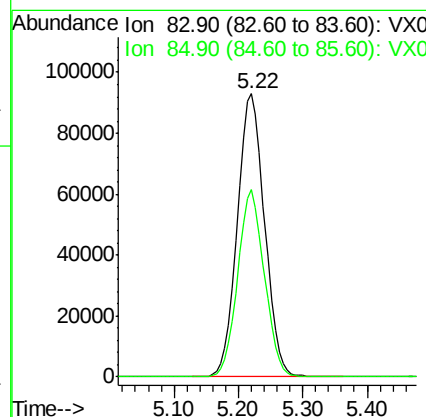
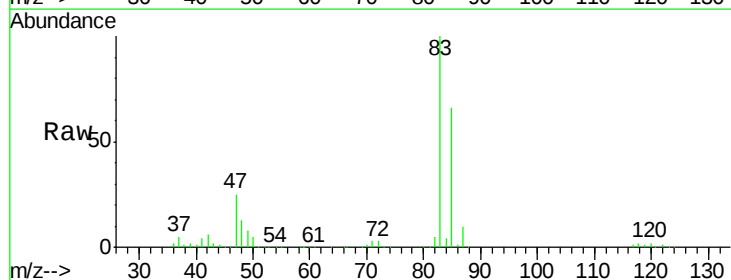
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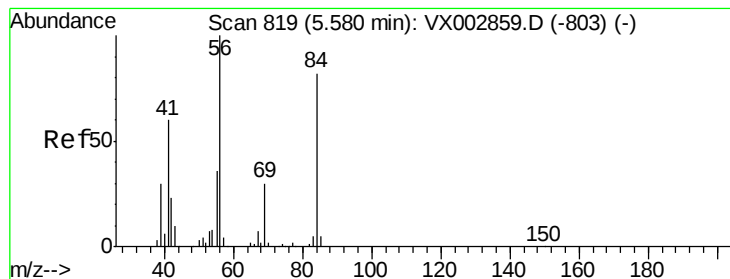
MMDadoda
6/28/2018 2:26:26 PM



#30
Chloroform
Concen: 47.31 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.4	75.6





#31

Cyclohexane

Concen: 46.24 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

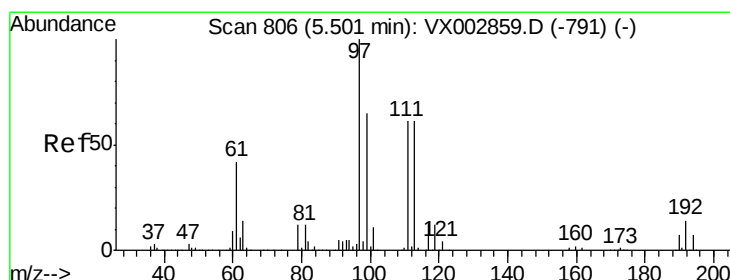
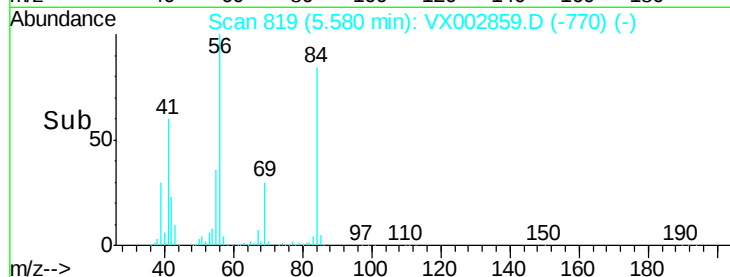
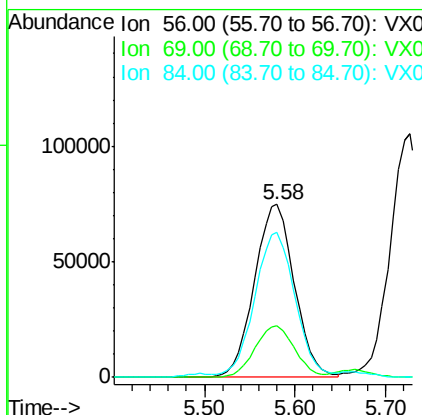
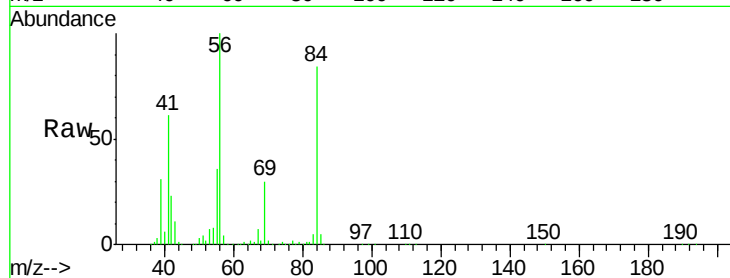
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	227895
Ion Ratio	Lower	Upper	
56	100		
69	29.7	23.7	35.5
84	82.1	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.57 ug/l

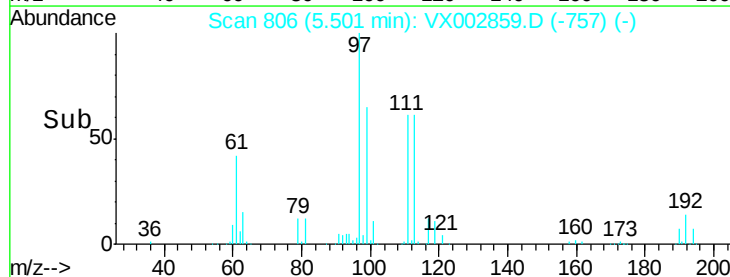
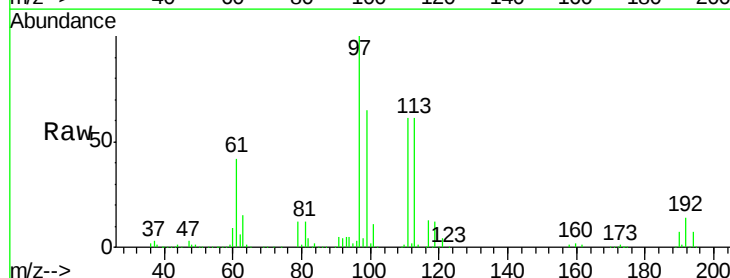
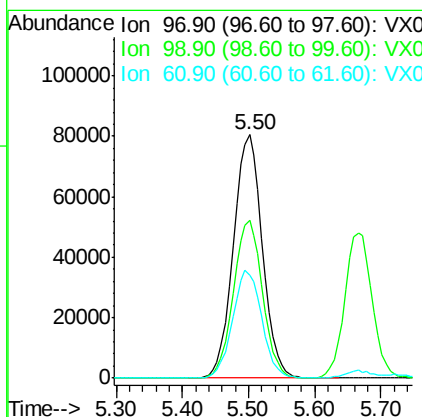
RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Tgt Ion:	97	Resp:	244153
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.6	77.4
61	44.7	36.4	54.6





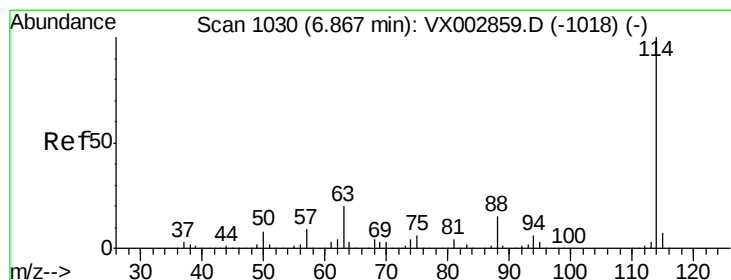
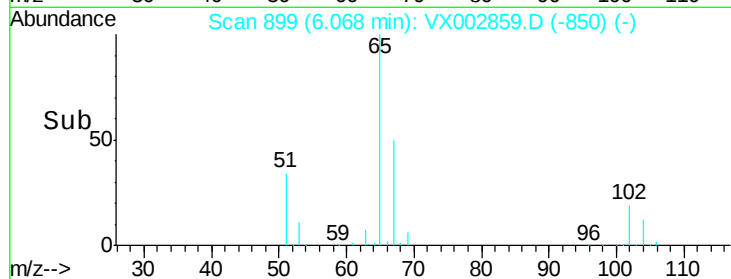
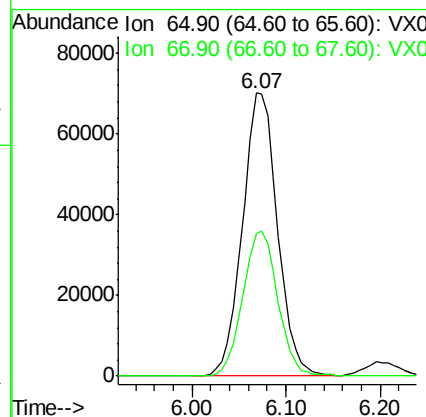
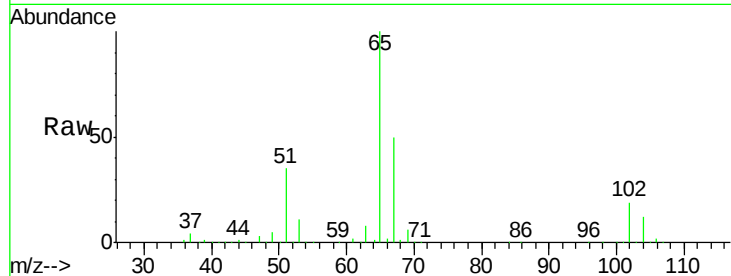
#33
 1,2-Dichloroethane-d4
 Concen: 43.64 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	182196		
67	51.4	0.0	102.6	

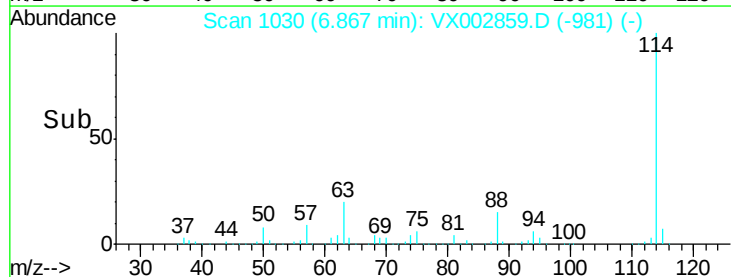
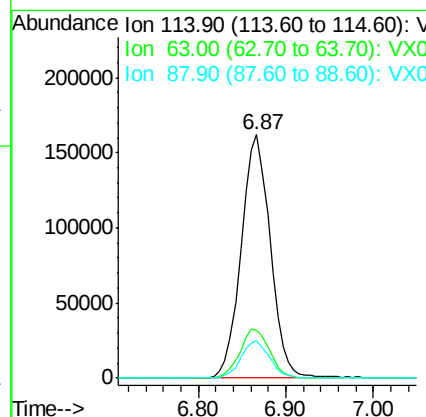
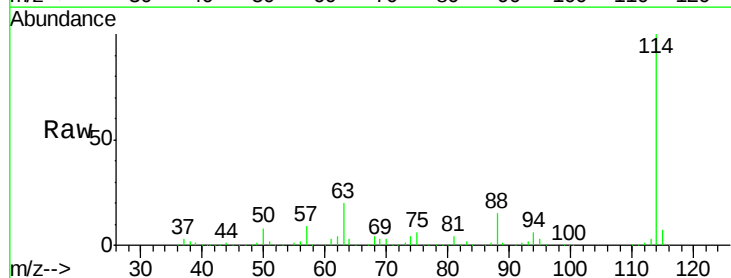
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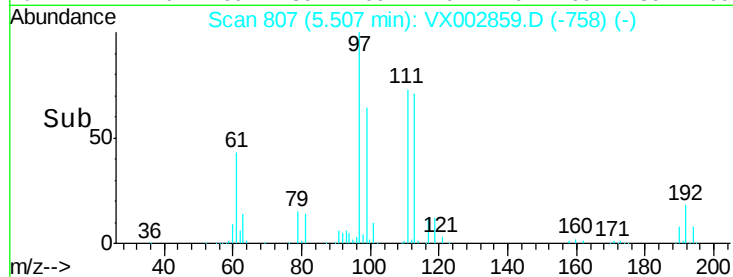
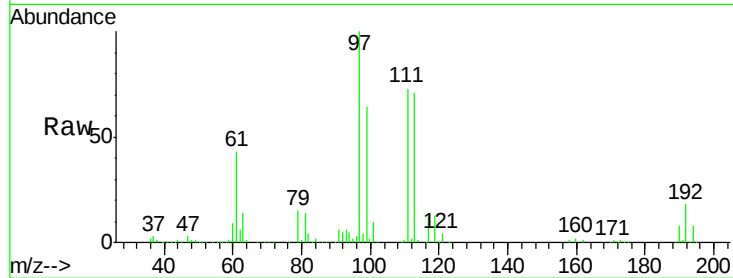
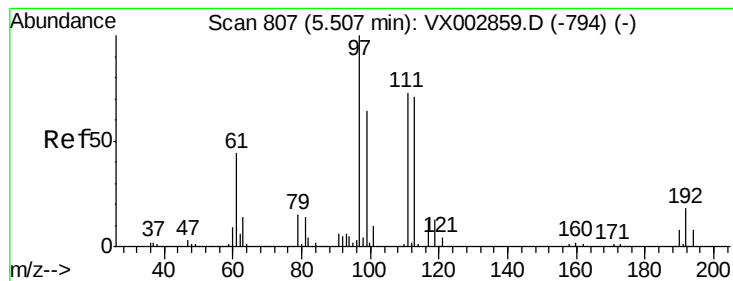
MMDadoda
 6/28/2018 2:26:26 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	376040		
63	19.7	0.0	41.4	
88	15.3	0.0	30.0	





#35

Dibromofluoromethane

Concen: 48.55 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002859.D

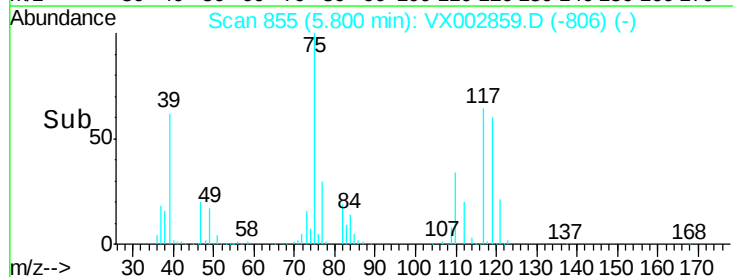
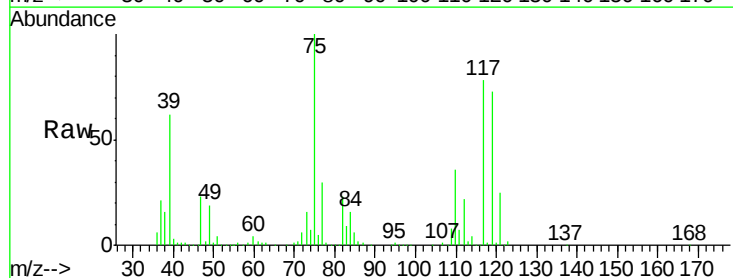
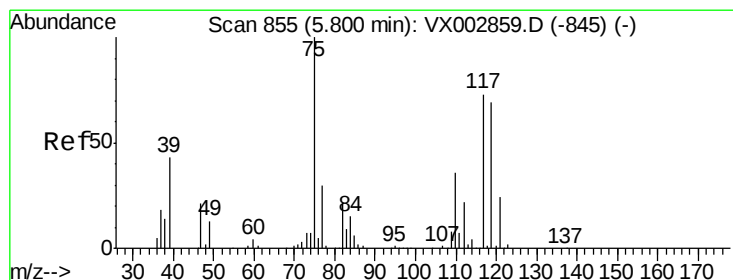
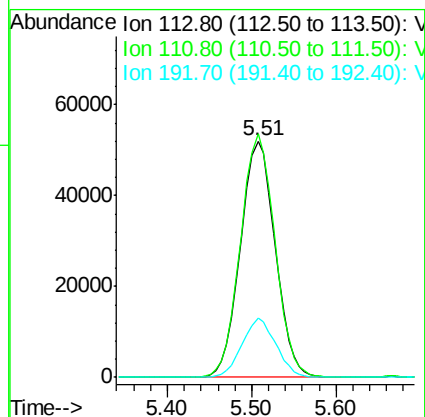
Acq: 25 Jun 2018 12:14

Tot Ion:	113	Resp:	145710
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.4	122.0
192	24.3	19.1	28.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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#36

1,1-Dichloropropene

Concen: 49.30 ug/l

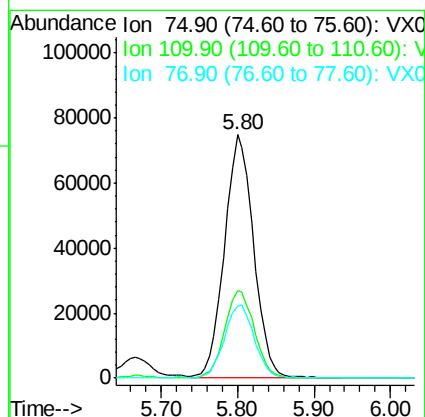
RT: 5.80 min Scan# 855

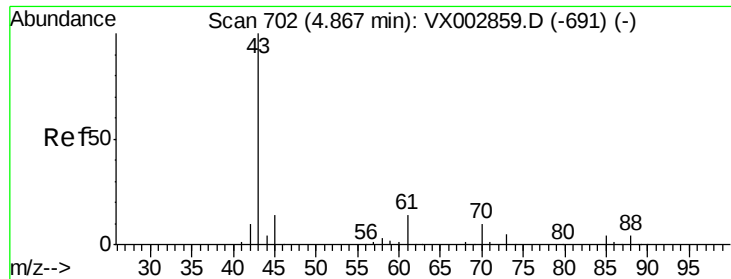
Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Tgt Ion:	75	Resp:	196903
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.1	54.4
77	30.7	24.3	36.5





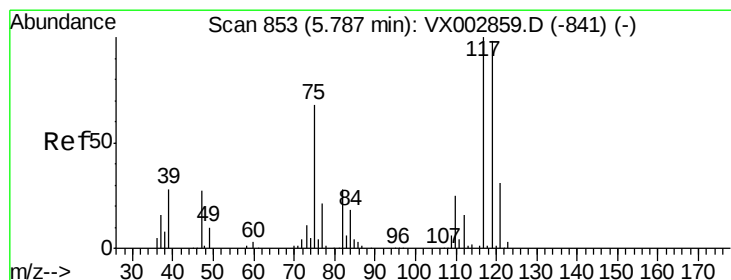
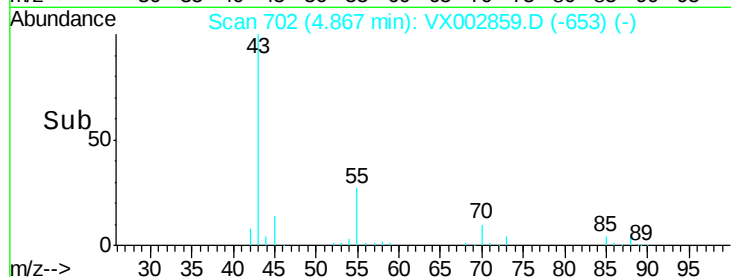
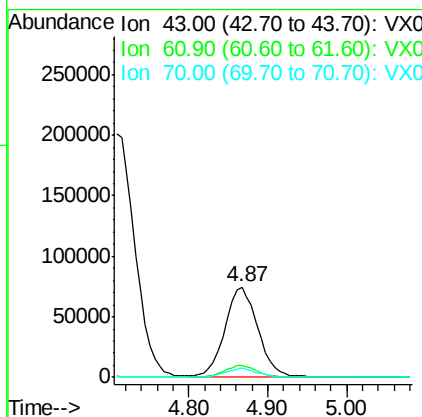
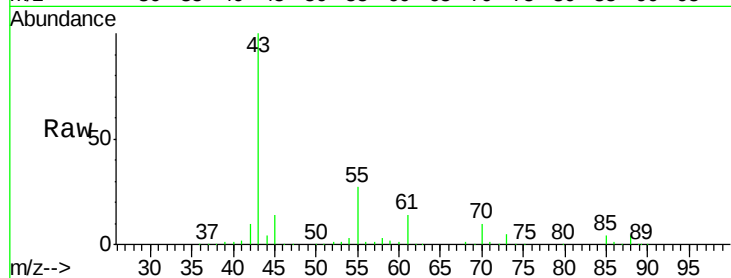
#37
Ethyl Acetate
Concen: 47.67 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.8	7.6	11.4

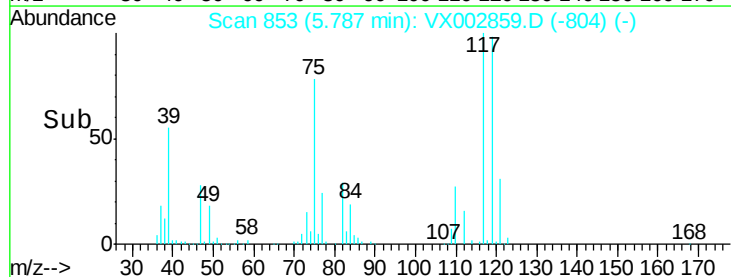
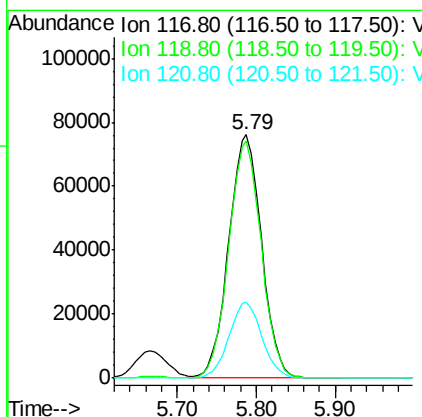
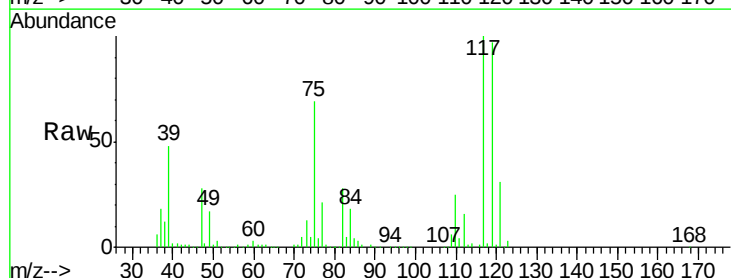
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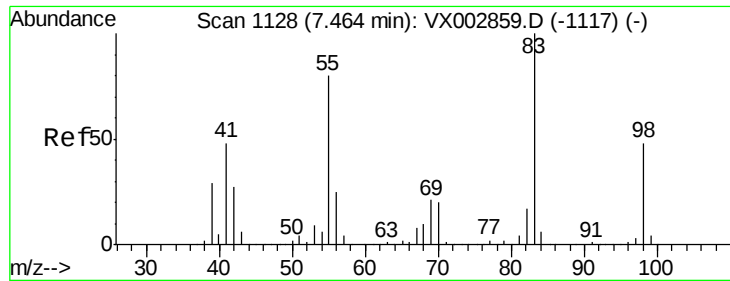
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#38
Carbon Tetrachloride
Concen: 55.43 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.0
121	31.0	24.4	36.6





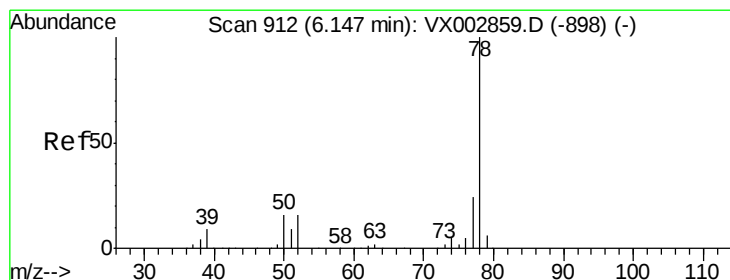
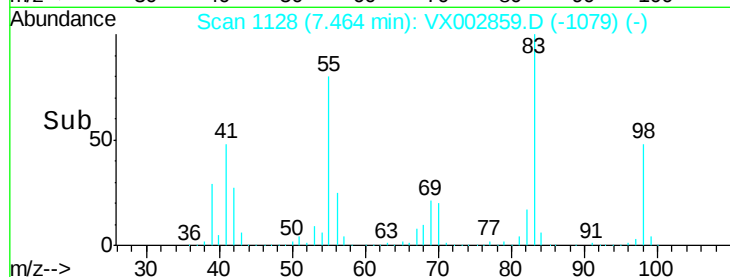
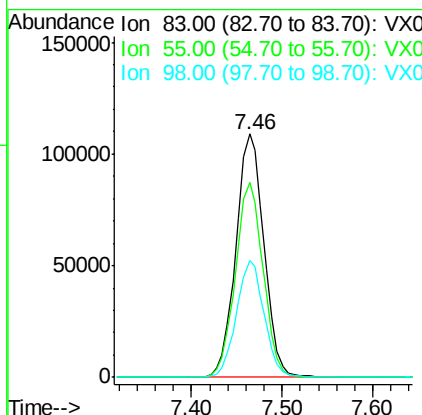
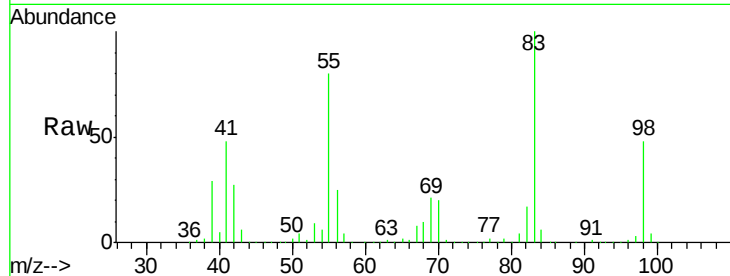
#39
Methvlcvclohexane
Concen: 49.88 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	232888		
55	80.2		65.4	98.0
98	48.2		37.4	56.0

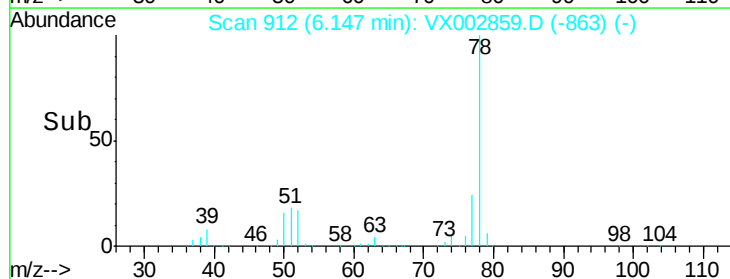
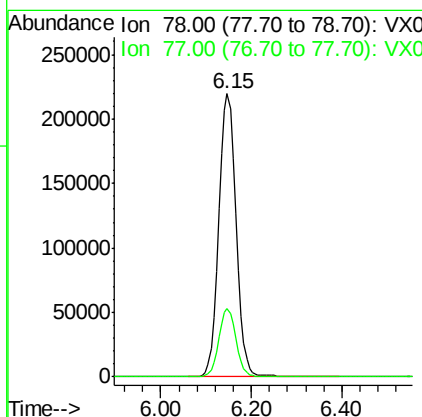
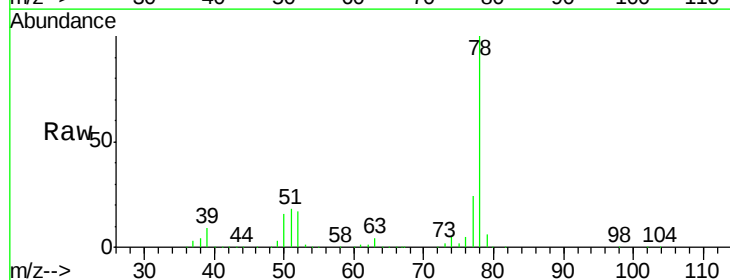
Manual Integrations
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#40
Benzene
Concen: 48.89 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	585432		
77	24.2		19.1	28.7





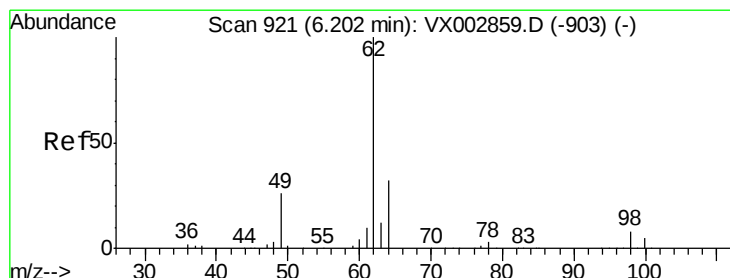
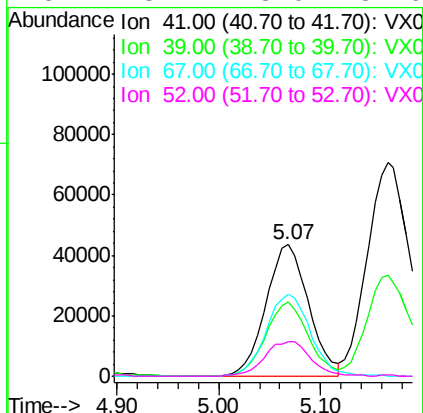
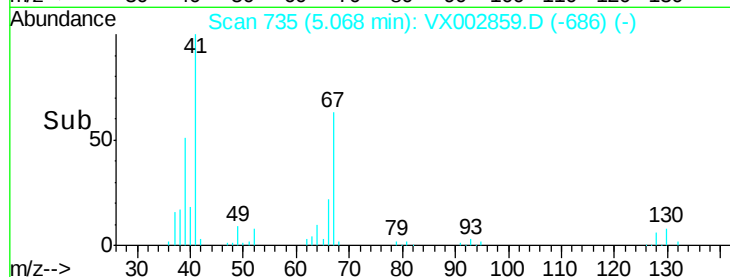
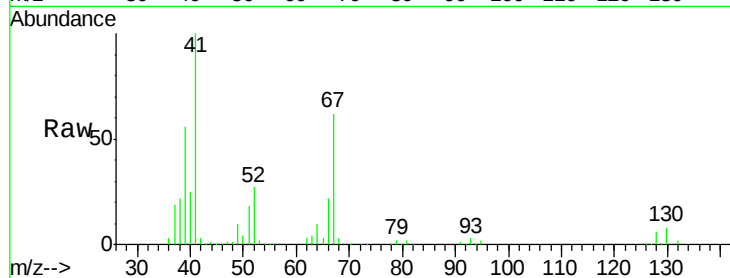
#41
Methacrylonitrile
Concen: 49.39 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	45.8	68.6	
67	65.0	51.3	76.9	
52	28.2	23.0	34.6	

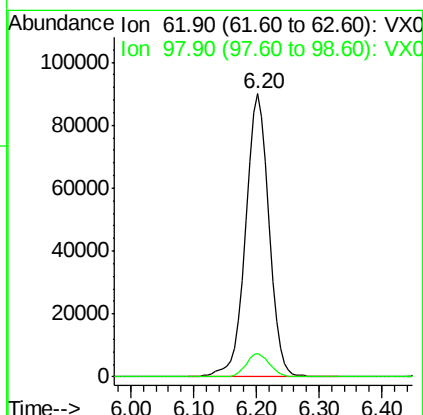
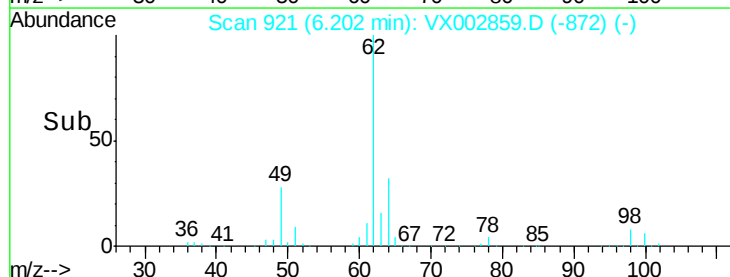
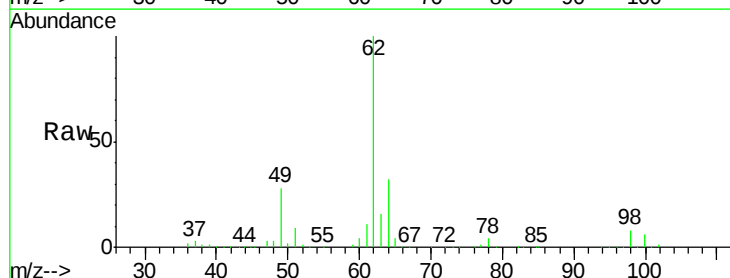
Manual Integrations
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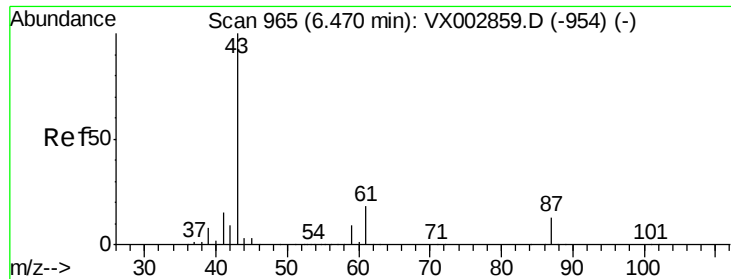
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#42
1,2-Dichloroethane
Concen: 50.10 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

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





#43

Isopropyl Acetate

Concen: 48.12 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

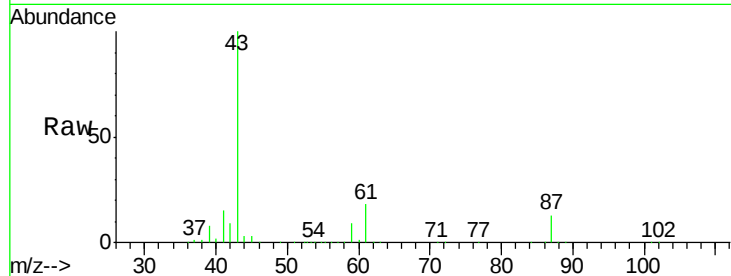
ClientSampleId :

VSTDICCC050

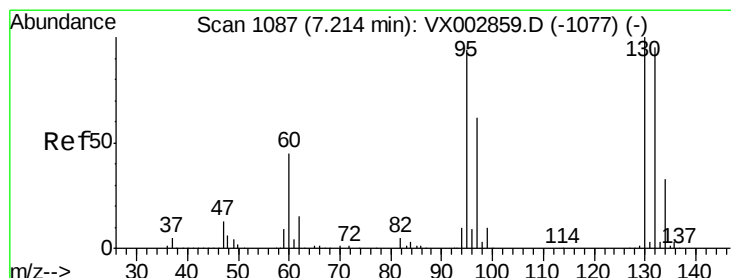
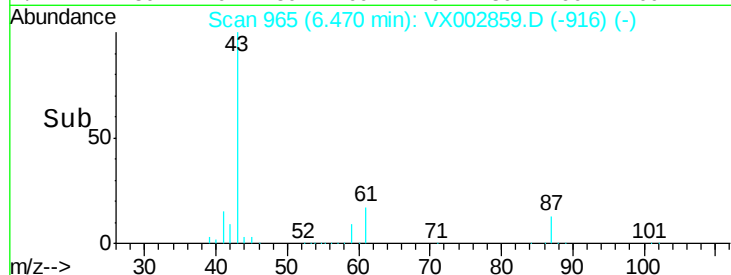
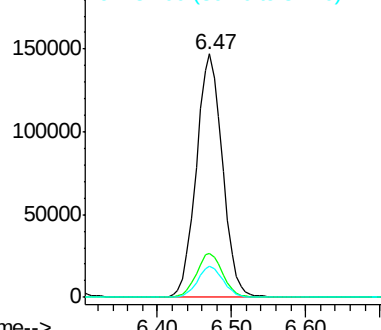
Tot Ion:	43	Resp:	360395
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.7	9.5	14.3

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Abundance Ion 43.00 (42.70 to 43.70): VX002859.D (-954) (-)



#44

Trichloroethene

Concen: 49.17 ug/l

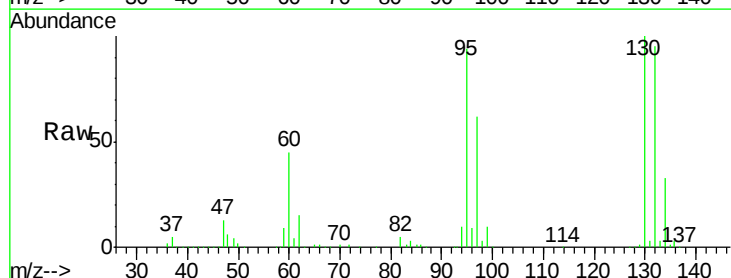
RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

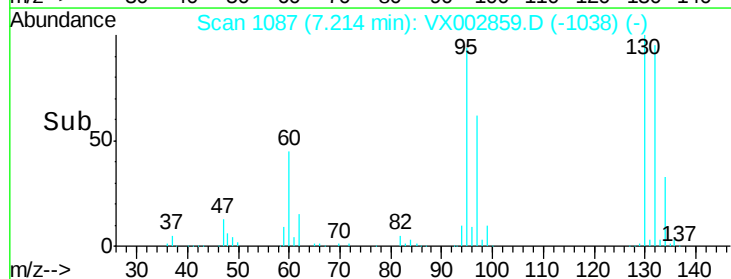
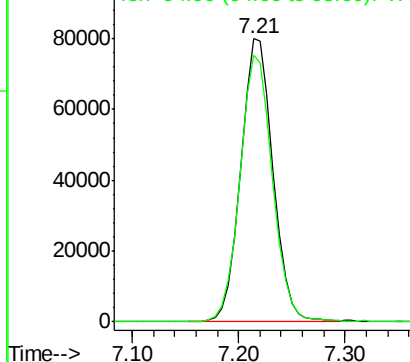
Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Tgt Ion:	130	Resp:	169940
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002859.D (-1077) (-)





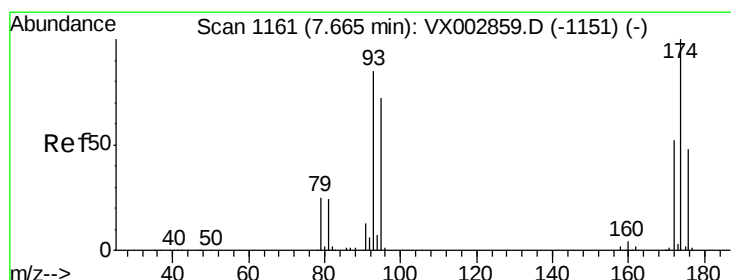
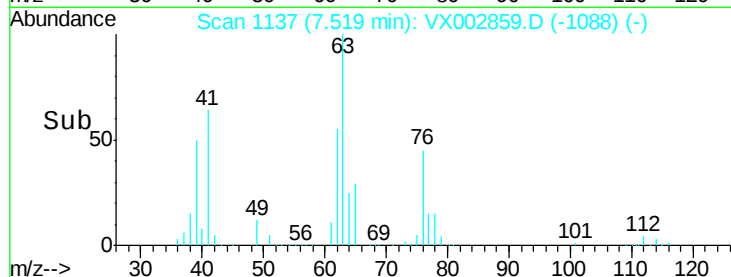
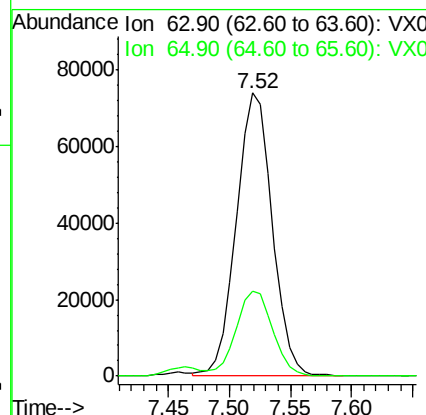
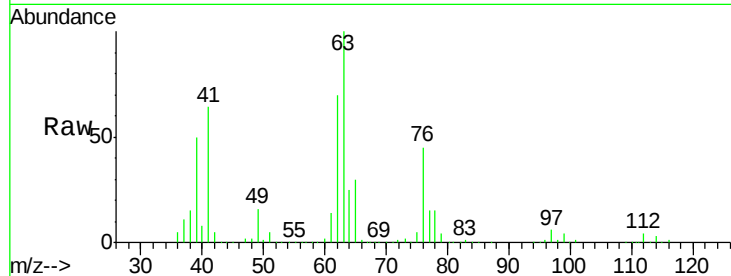
#45
 1,2-Dichloropropane
 Concen: 47.32 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 149138
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1

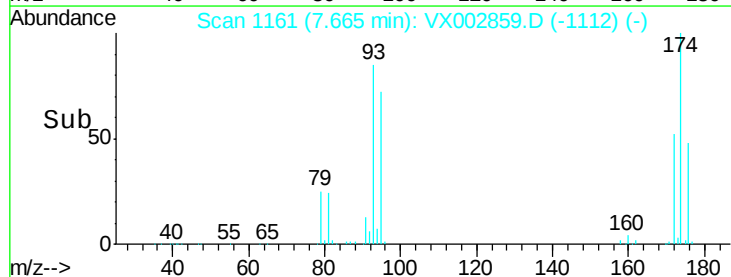
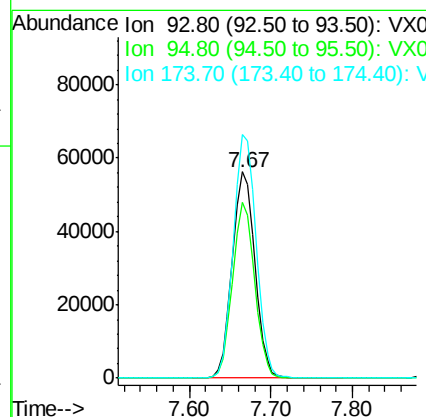
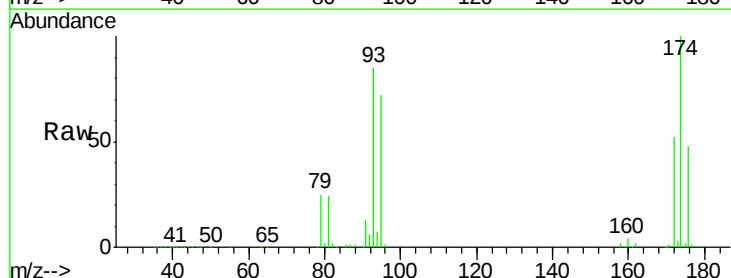
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#46
 Dibromomethane
 Concen: 51.22 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion: 93 Resp: 107983
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 118.6 92.4 138.6





#47

Bromodichloromethane

Concen: 54.95 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 204332

Ion Ratio Lower Upper

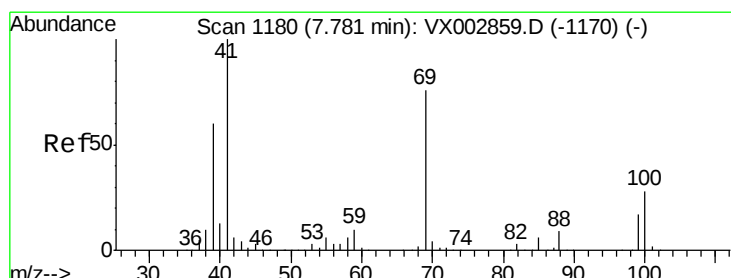
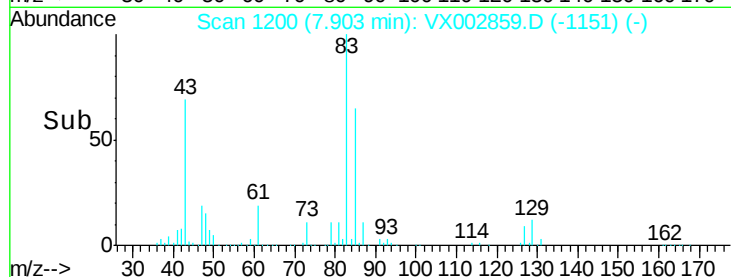
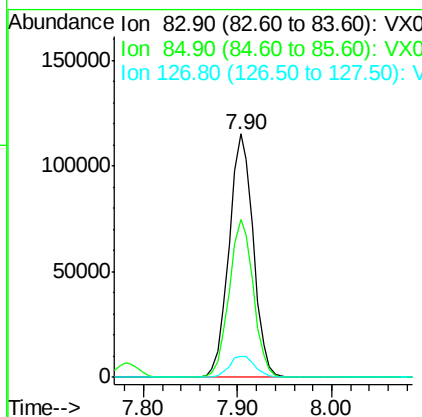
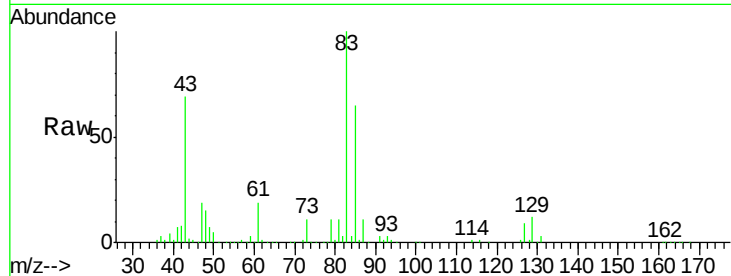
83 100

85 64.7 50.3 75.5

127 8.8 7.0 10.4

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#48

Methyl methacrylate

Concen: 50.49 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

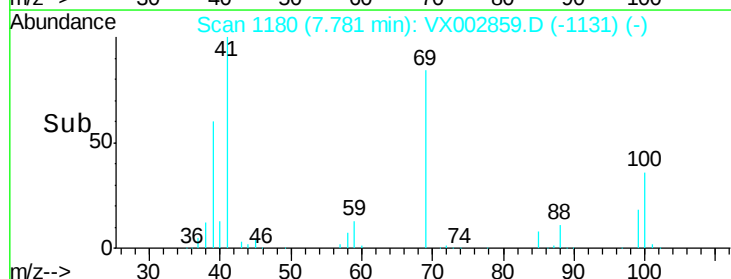
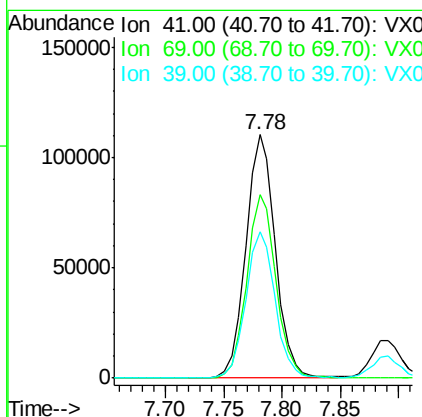
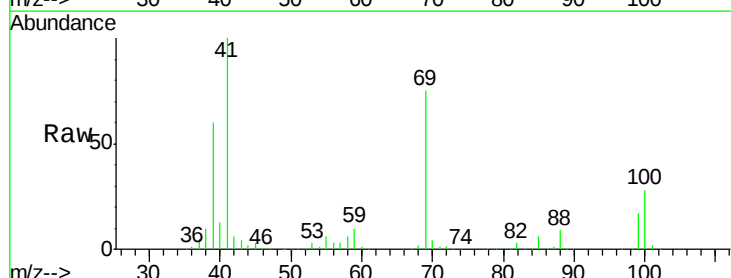
Tgt Ion: 41 Resp: 193221

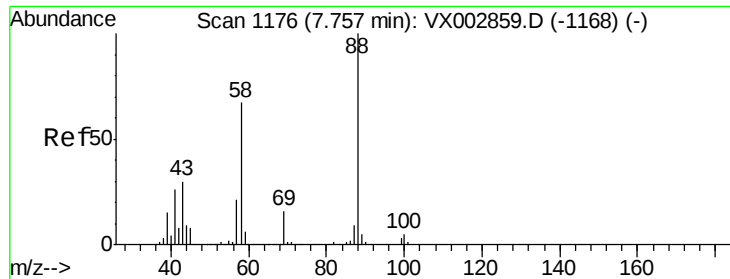
Ion Ratio Lower Upper

41 100

69 75.3 59.1 88.7

39 60.0 48.9 73.3





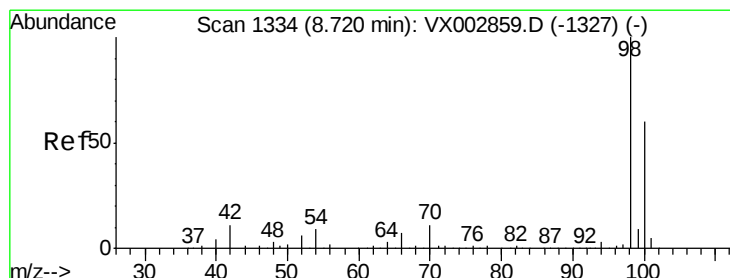
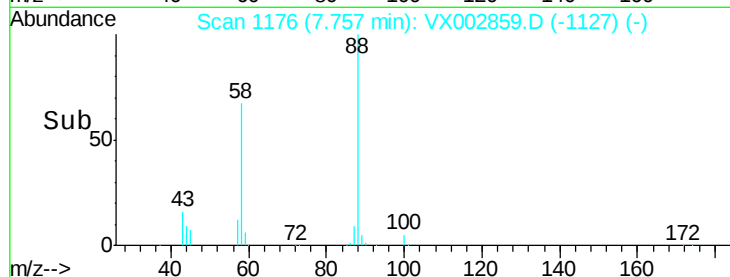
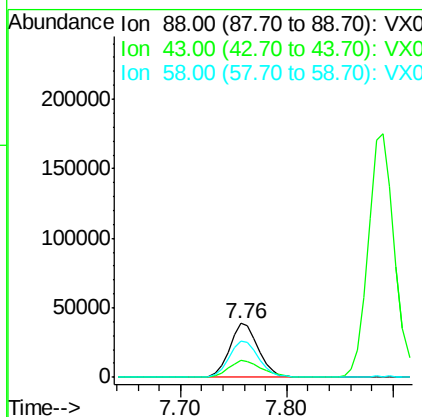
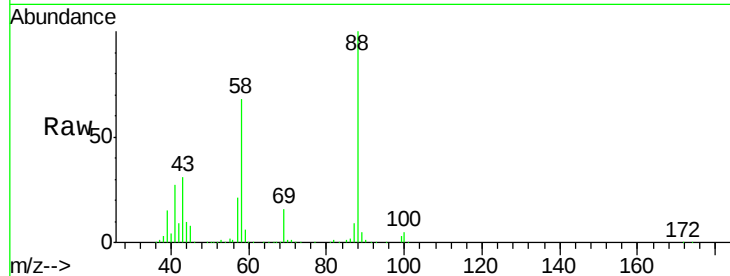
#49
1,4-Dioxane
Concen: 1015.67 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	29.8	44.6
58	70.3	57.1	85.7

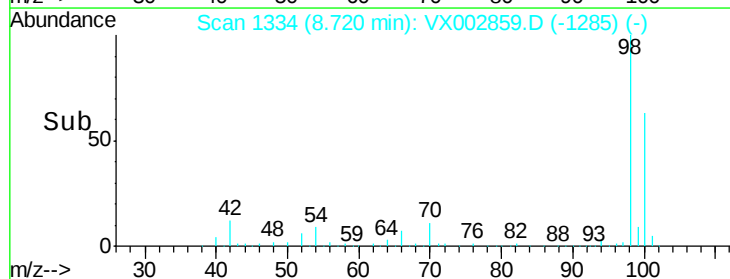
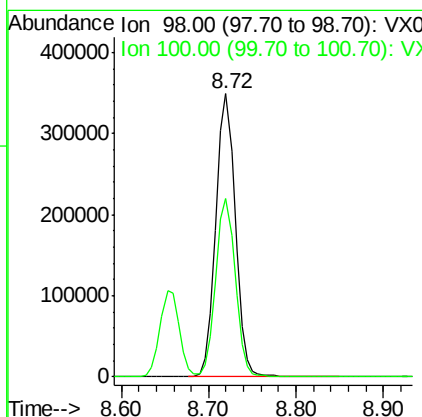
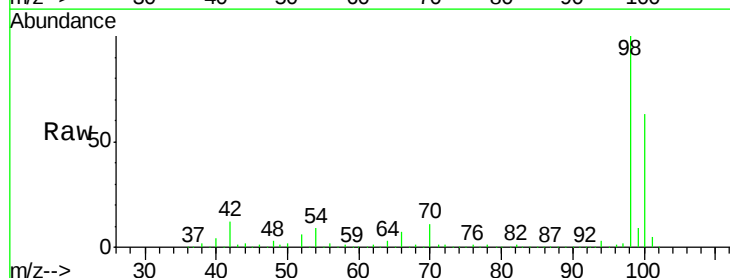
Manual Integrations
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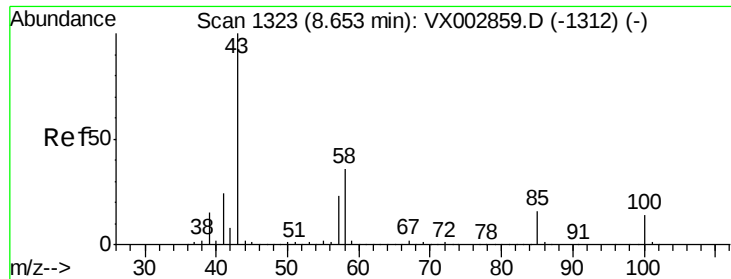
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#50
Toluene-d8
Concen: 47.33 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 244.15 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1174075

Ion Ratio Lower Upper

43 100

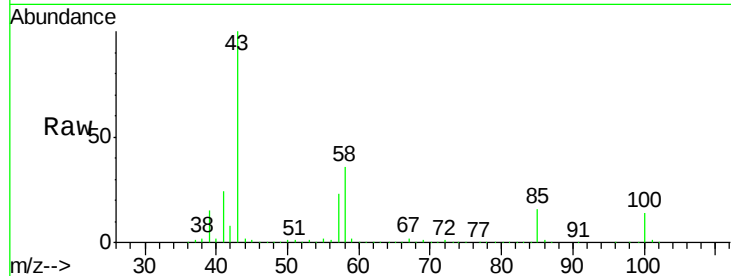
58 36.1 28.6 42.8

Manual Integrations

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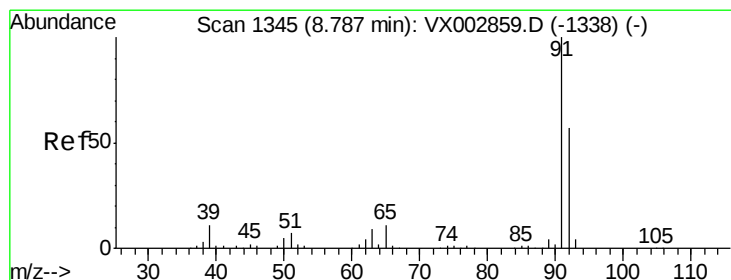
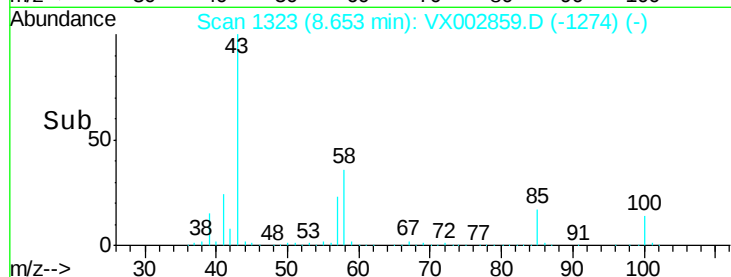
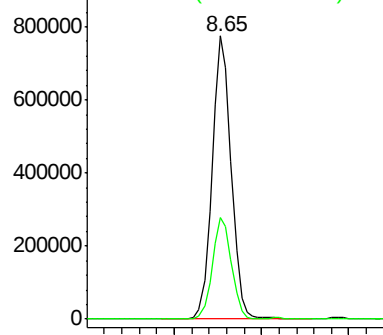
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.80 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002859.D

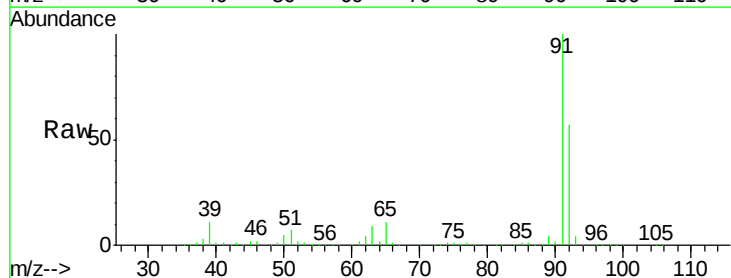
Acq: 25 Jun 2018 12:14

Tgt Ion: 92 Resp: 380424

Ion Ratio Lower Upper

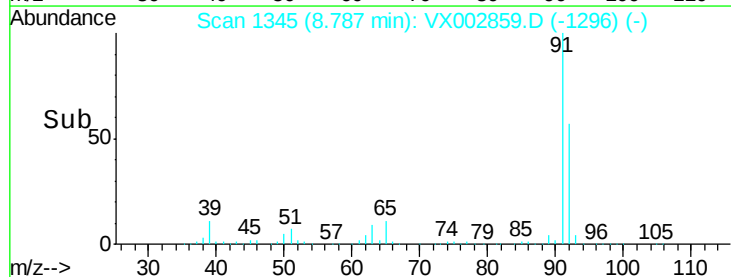
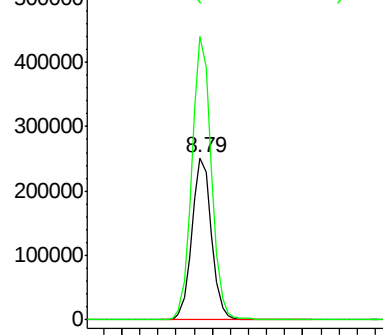
92 100

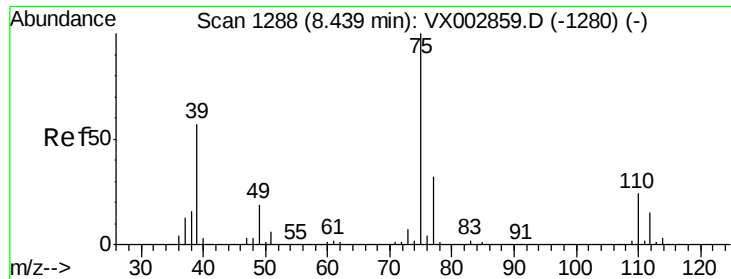
91 173.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





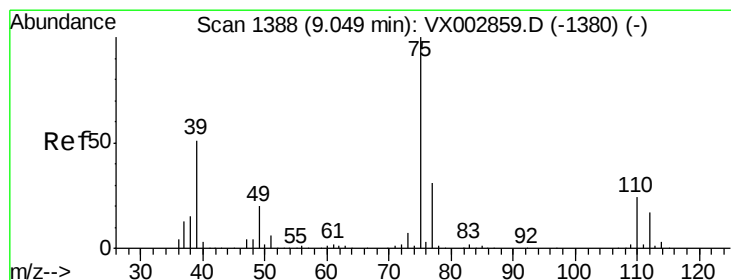
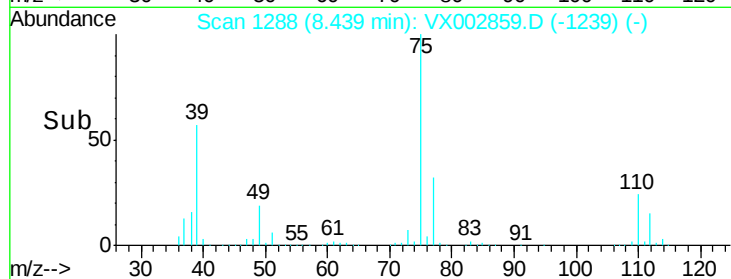
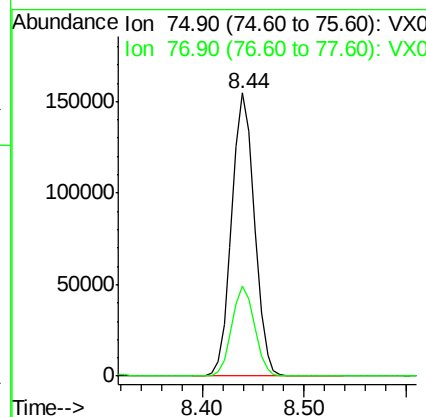
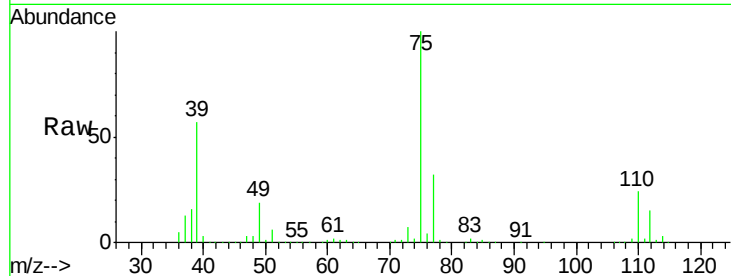
#53
t-1,3-Dichloropropene
Concen: 54.67 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 239185
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

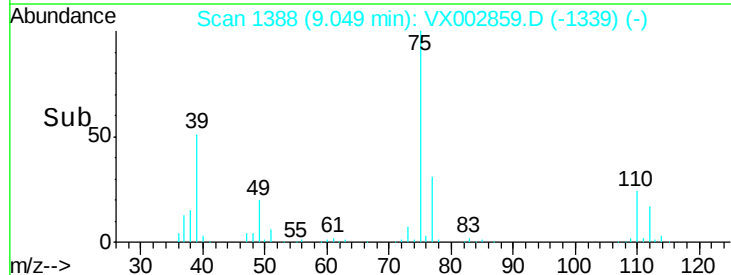
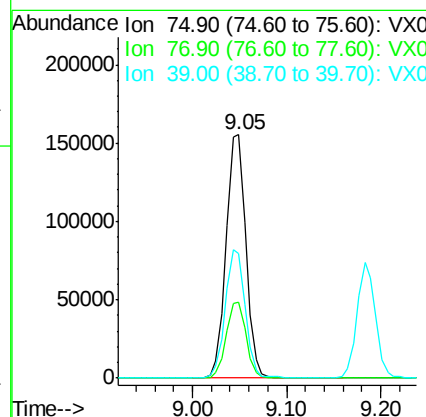
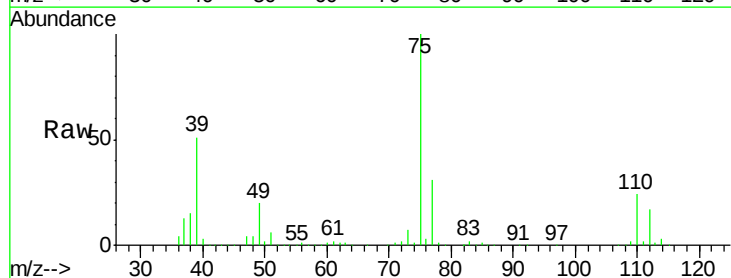
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#54
cis-1,3-Dichloropropene
Concen: 55.94 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion: 75 Resp: 226732
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 50.9 42.4 63.6





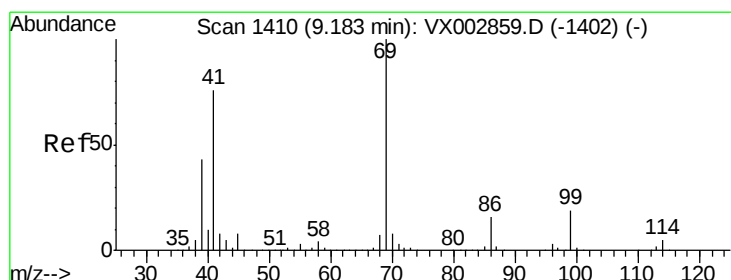
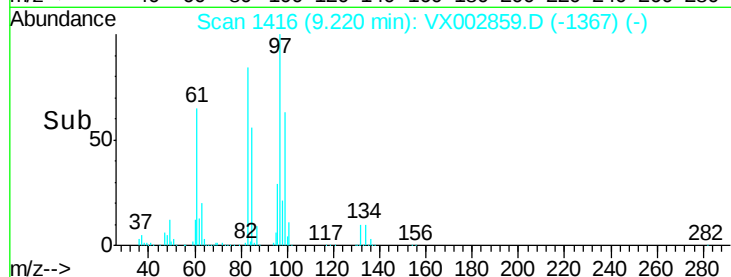
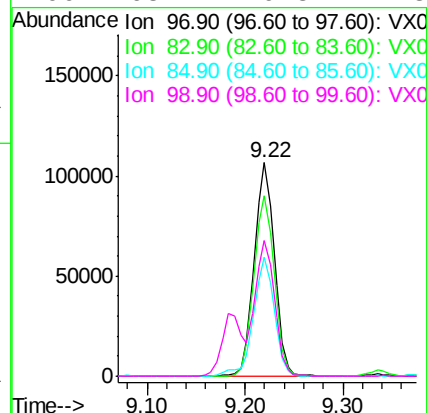
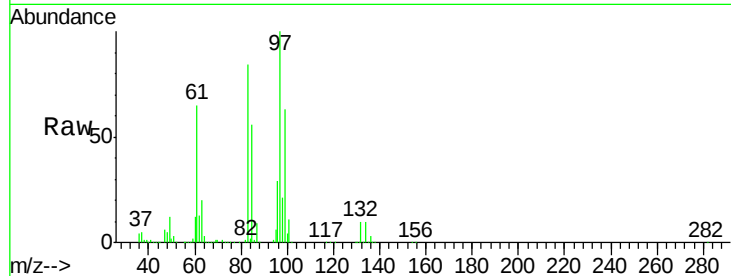
#55
 1,1,2-Trichloroethane
 Concen: 49.93 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	97	Resp	154126
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.2	105.2
85	55.7	44.9	67.3
99	63.4	49.8	74.8

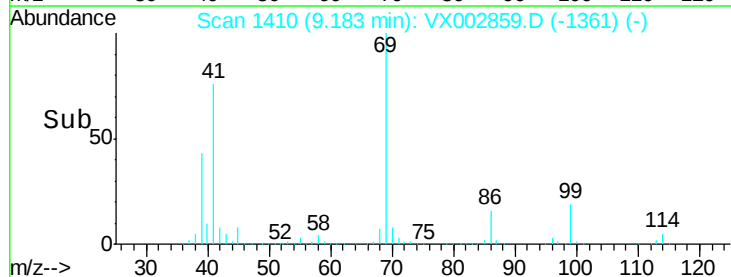
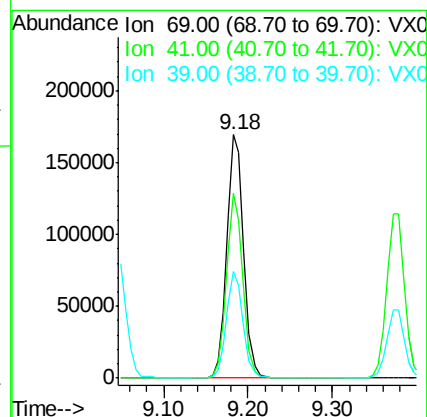
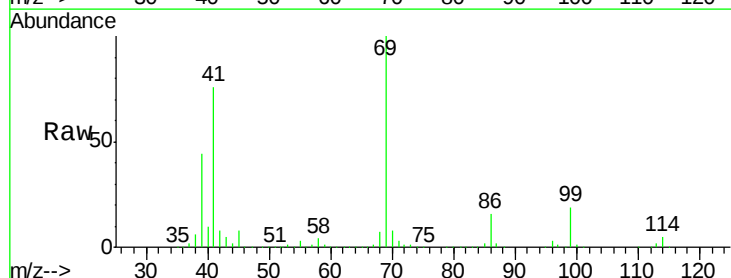
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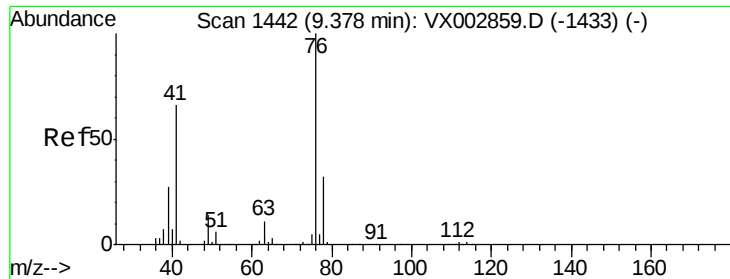
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#56
 Ethyl methacrylate
 Concen: 48.72 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion	69	Resp	231438
Ion	Ratio	Lower	Upper
69	100		
41	73.8	60.3	90.5
39	43.1	35.8	53.8





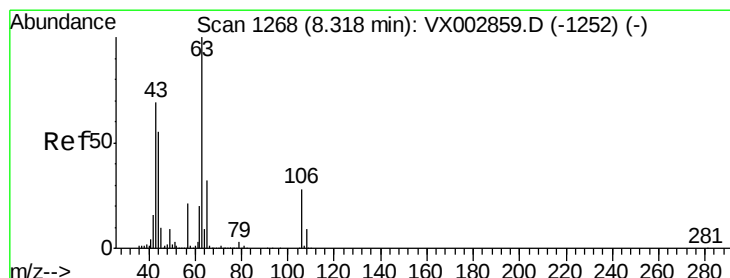
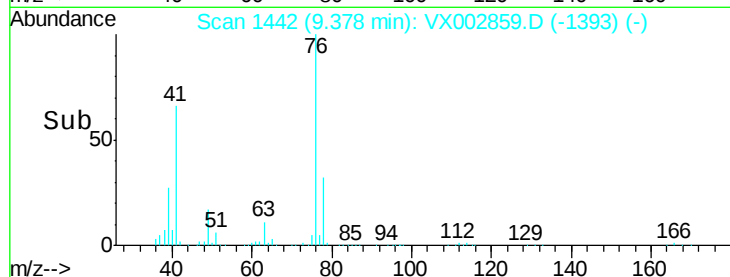
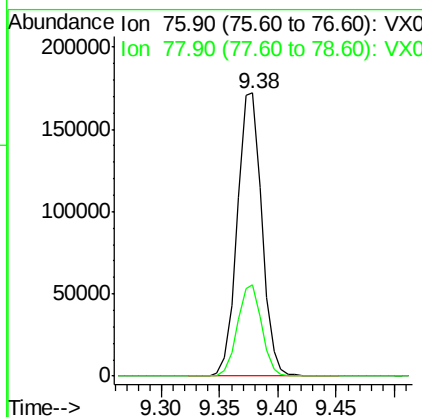
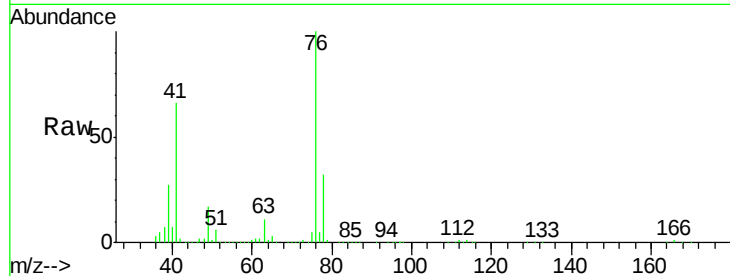
#57
 1,3-Dichloropropane
 Concen: 48.55 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.6

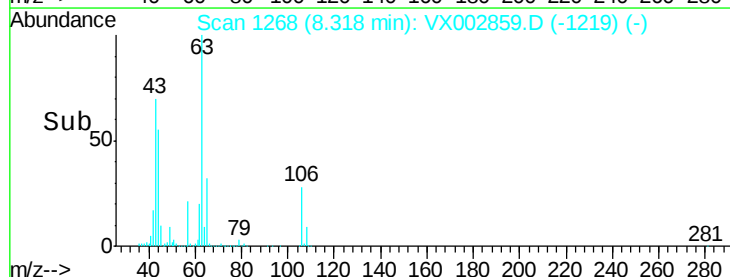
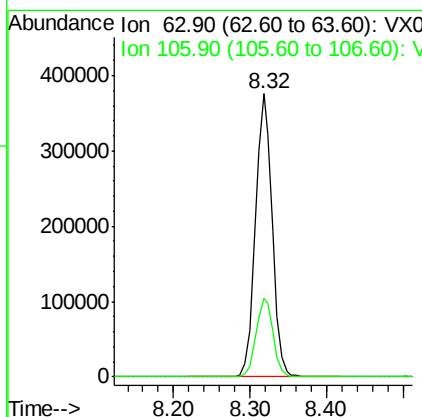
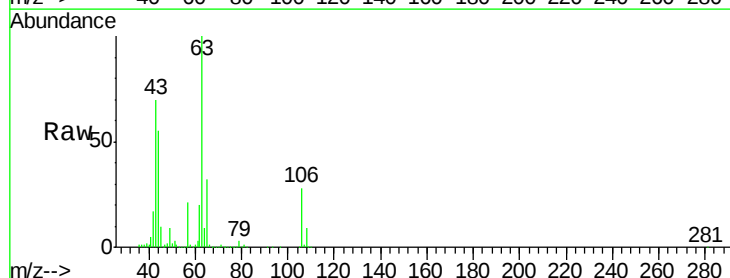
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 248.77 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.8	32.8





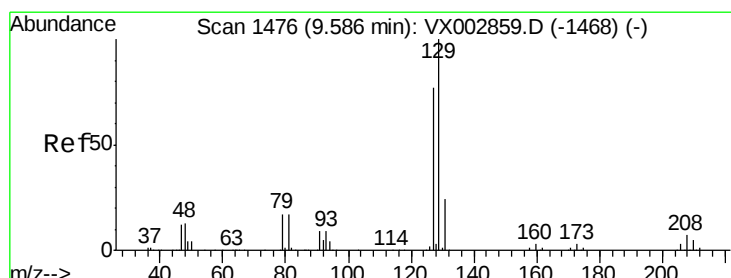
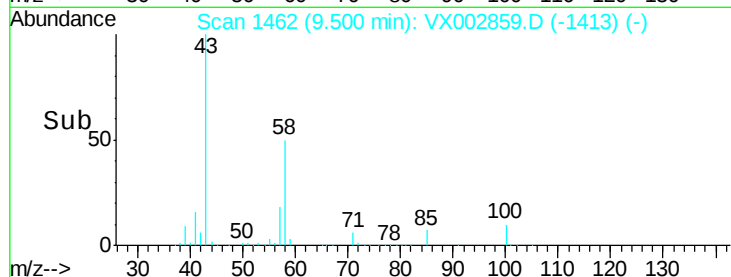
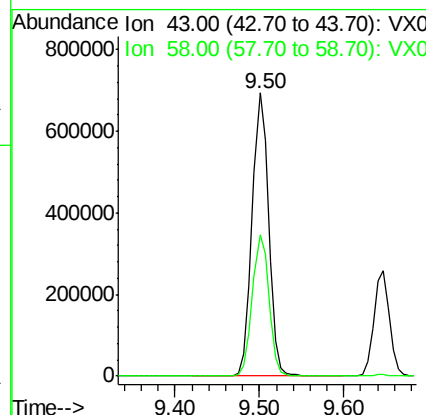
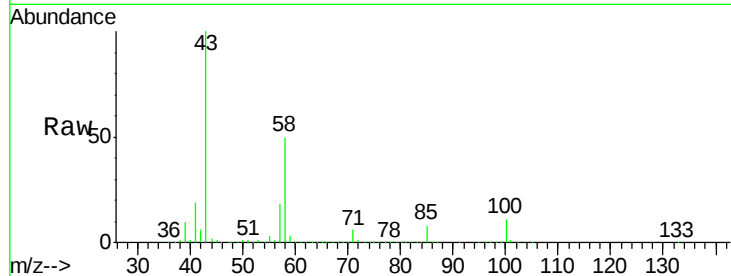
#59
2-Hexanone
Concen: 249.54 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.6	24.6	73.6

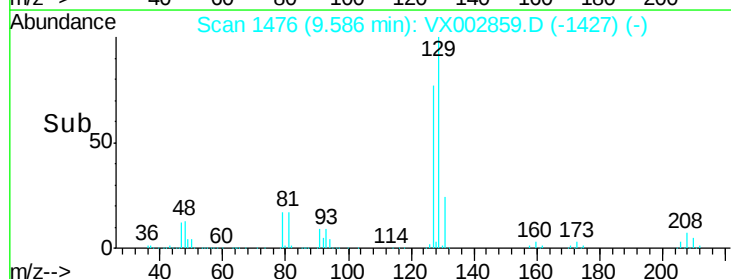
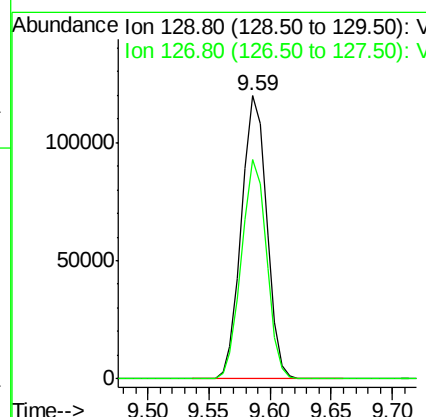
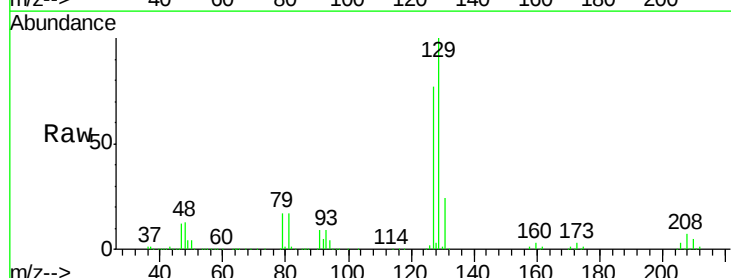
Manual Integrations
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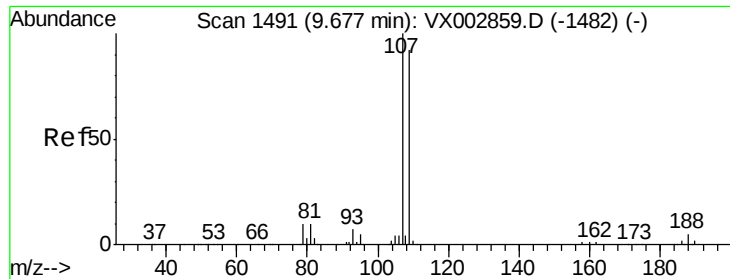
MMDadoda
6/28/2018 2:26:26 PM



#60
Dibromochloromethane
Concen: 57.62 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.5	115.3





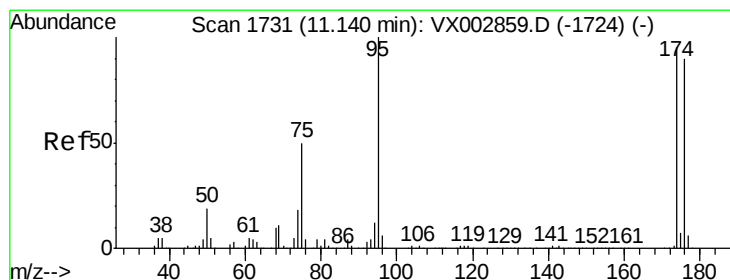
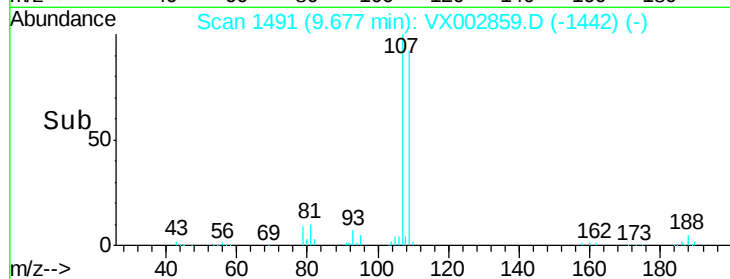
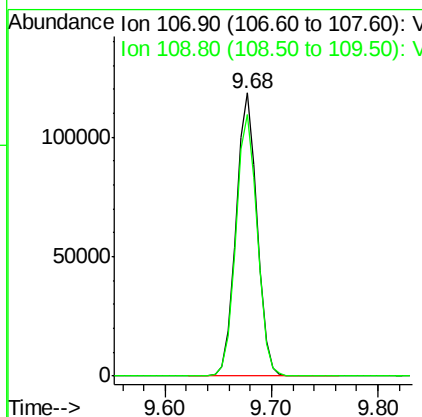
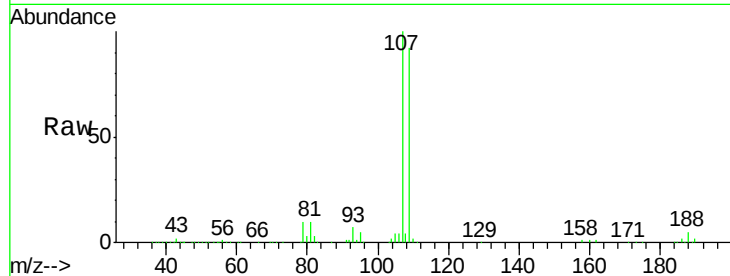
#61
 1,2-Dibromoethane
 Concen: 51.30 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	163991		
109	94.0	75.3	112.9	

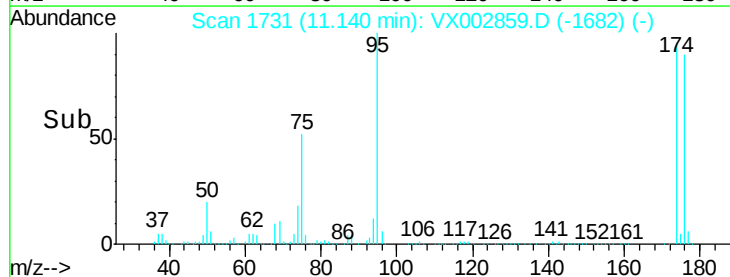
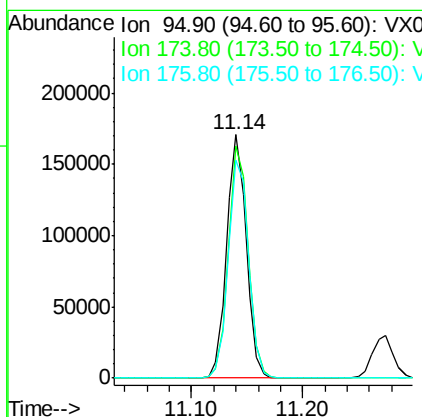
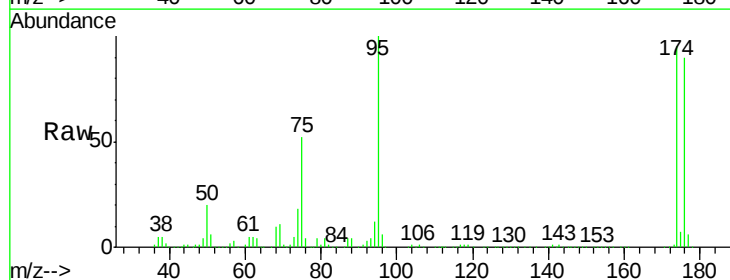
Manual Integrations
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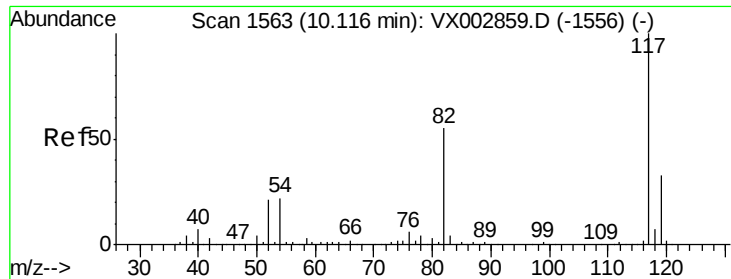
MMDadoda
 6/28/2018 2:26:26 PM



#62
 4-Bromofluorobenzene
 Concen: 48.03 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	207385		
174	96.7	0.0	187.4	
176	93.3	0.0	181.0	





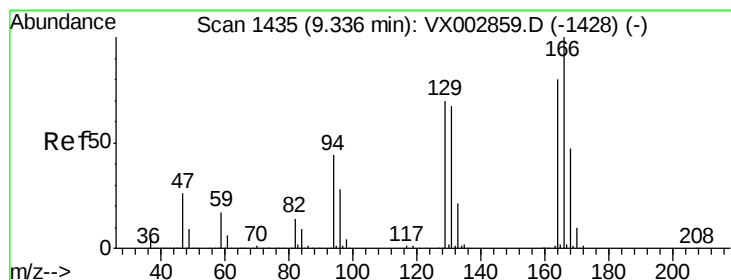
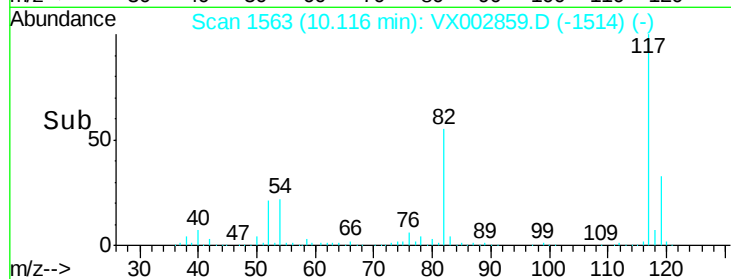
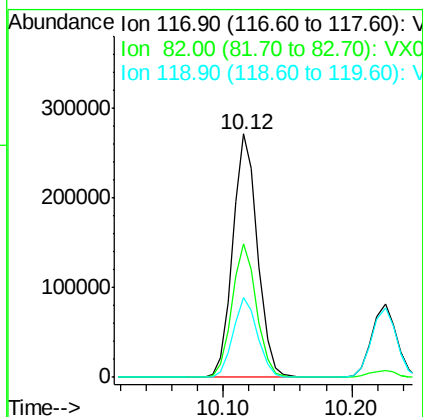
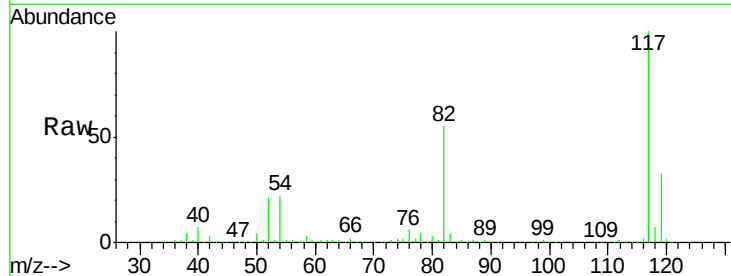
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	32.6	25.8	38.6

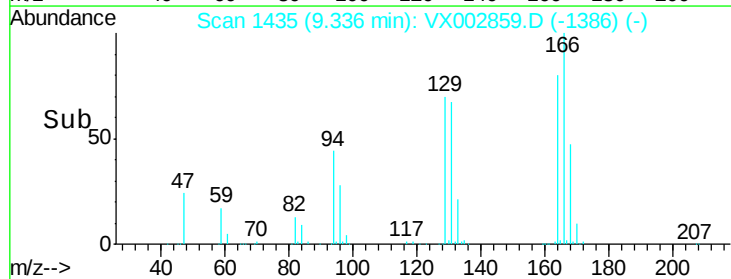
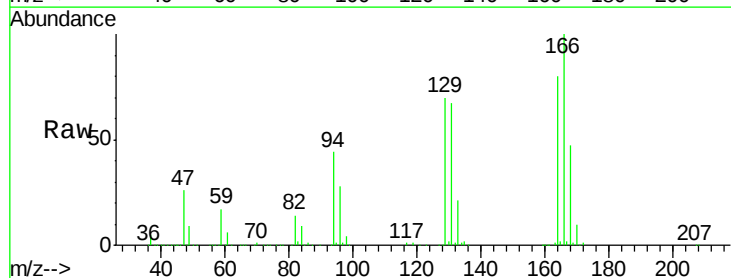
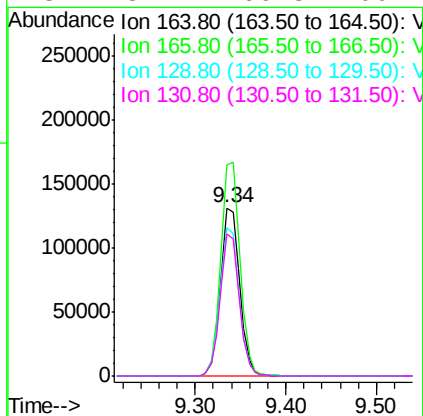
Manual Integrations
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#64
Tetrachloroethene
Concen: 48.16 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	102.9	154.3
129	88.3	68.6	102.8
131	84.1	66.8	100.2





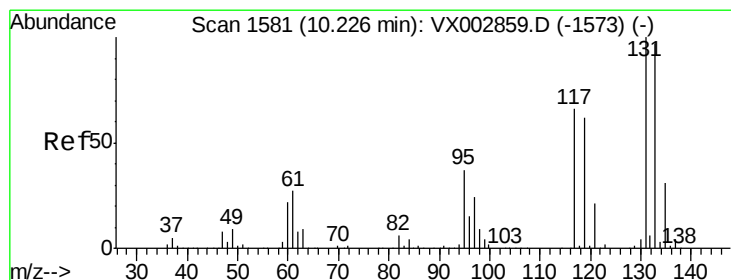
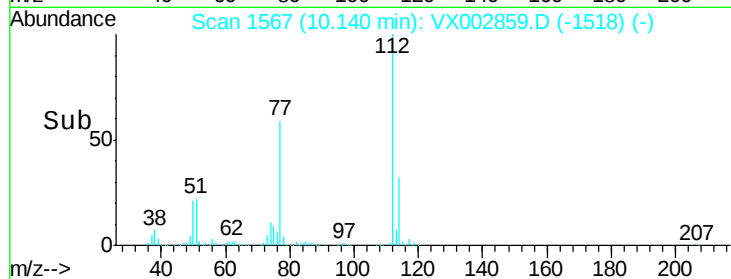
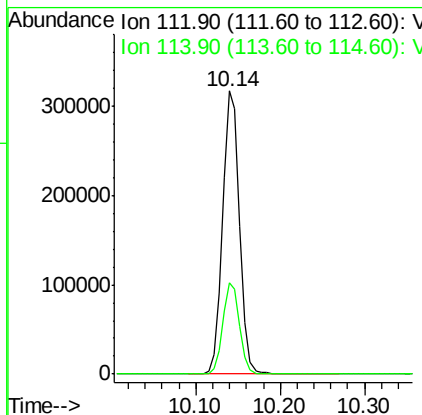
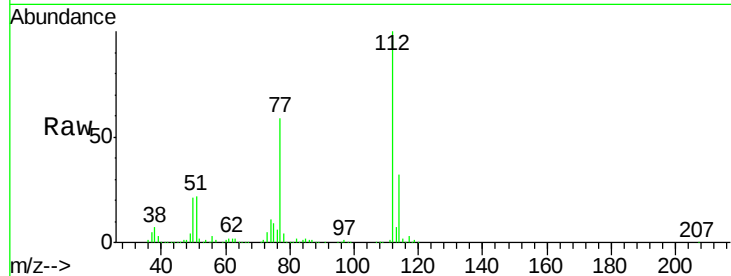
#65
Chlorobenzene
Concen: 49.11 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.3	37.9

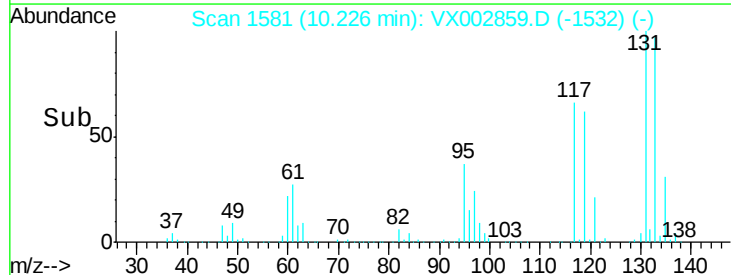
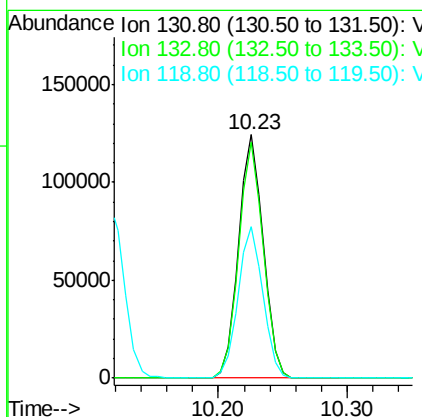
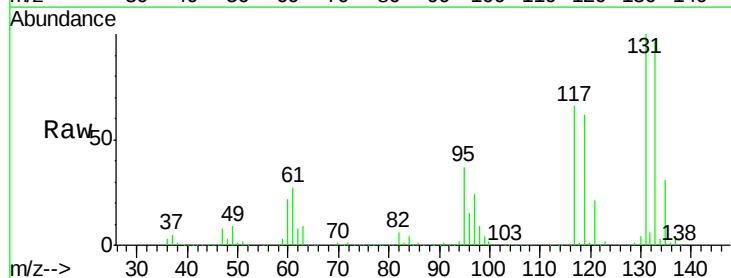
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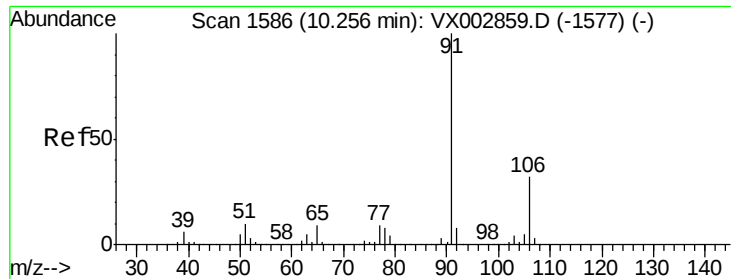
MMDadoda
6/28/2018 2:26:26 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.19 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.9	143.6
119	62.2	31.8	95.3





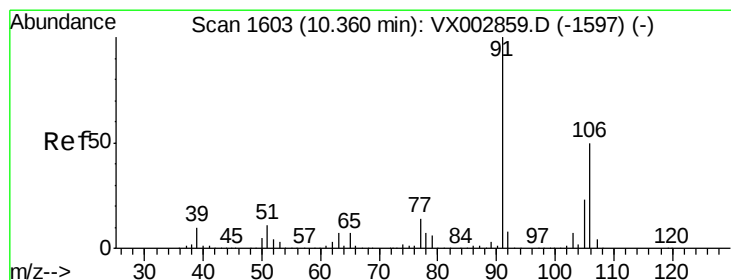
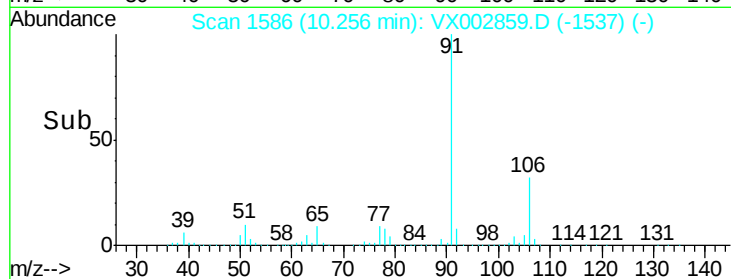
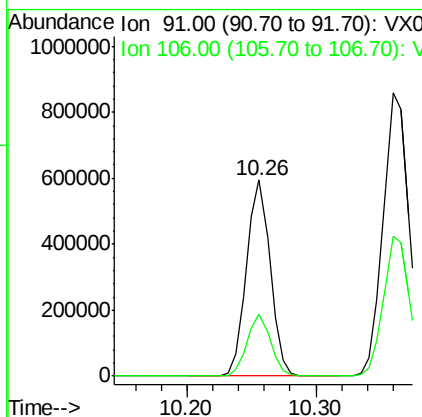
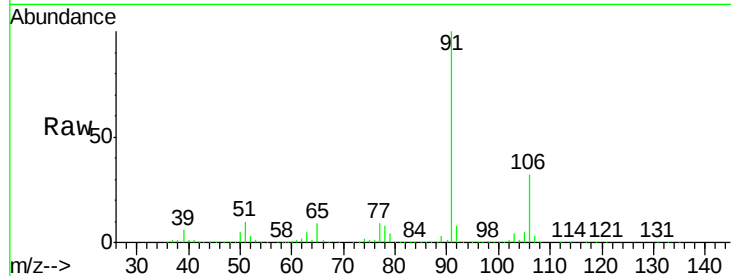
#67
Ethyl Benzene
Concen: 50.01 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 754201
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

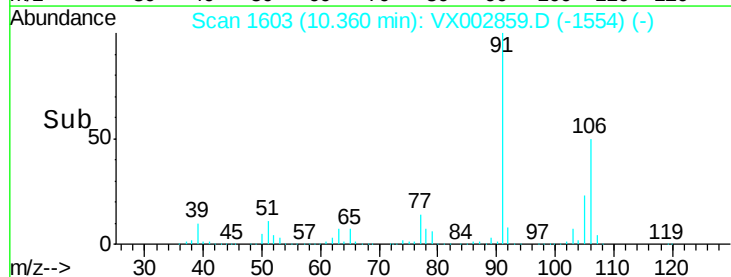
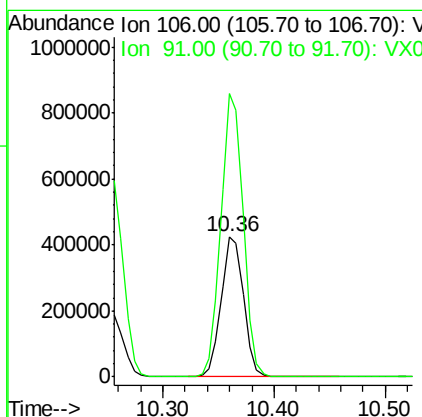
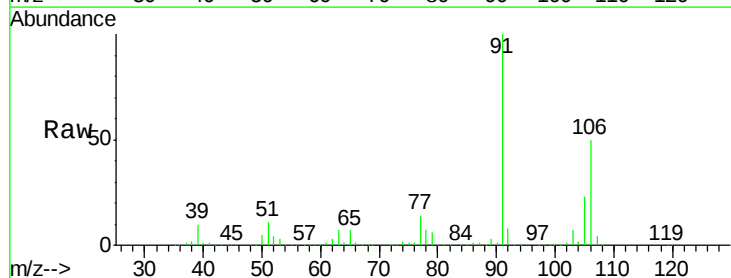
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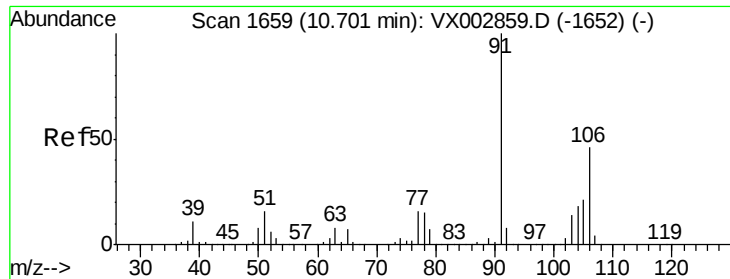
MMDadoda
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#68
m/p-Xylenes
Concen: 100.83 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion: 106 Resp: 586533
Ion Ratio Lower Upper
106 100
91 202.4 163.4 245.2





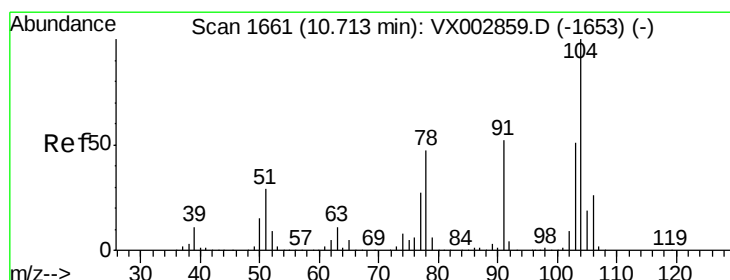
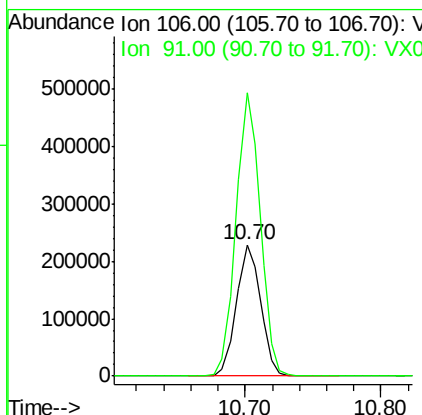
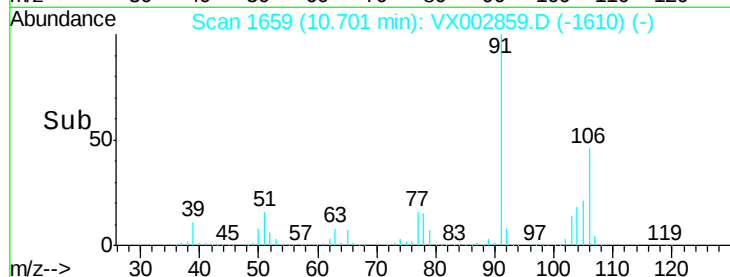
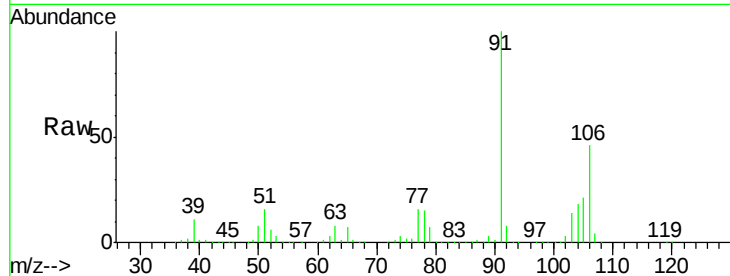
#69
o-Xylene
Concen: 49.93 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 285385
Ion Ratio Lower Upper
106 100
91 215.3 108.2 324.6

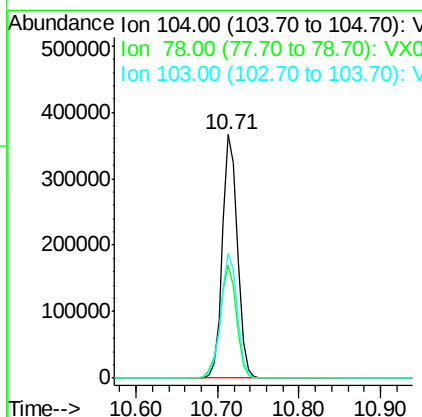
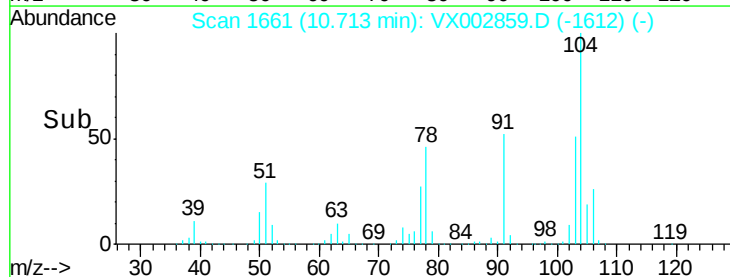
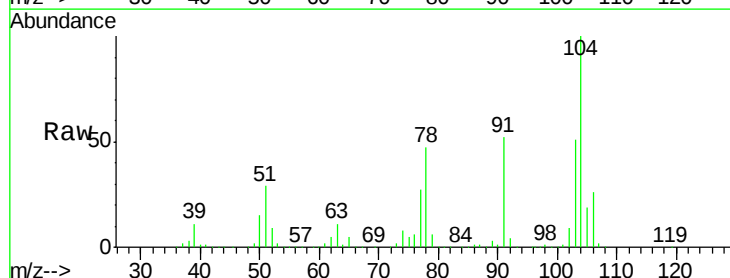
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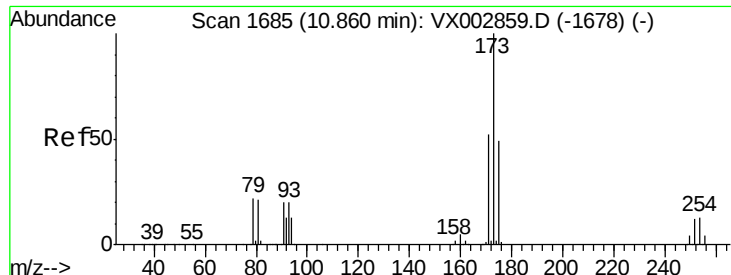
MMDadoda
6/28/2018 2:26:26 PM



#70
Styrene
Concen: 50.25 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion:104 Resp: 472264
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 55.7 44.2 66.4





#71

Bromoform

Concen: 58.93 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:173 Resp: 134992

Ion Ratio Lower Upper

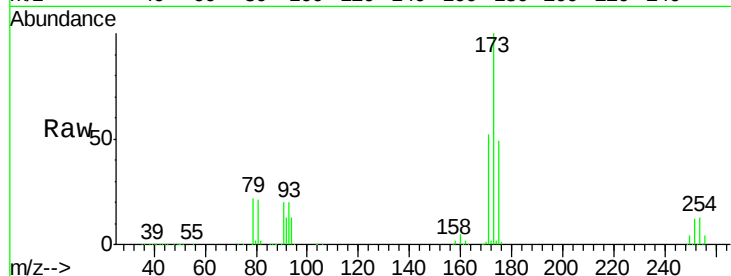
173 100

175 48.7 24.7 74.1

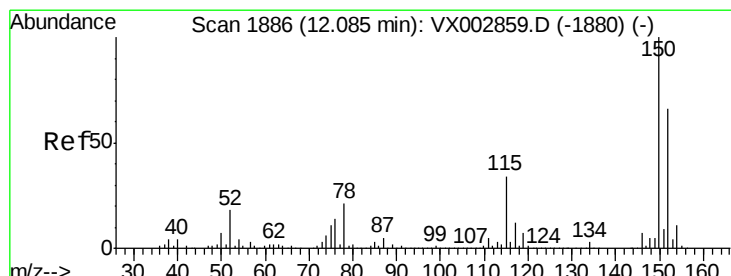
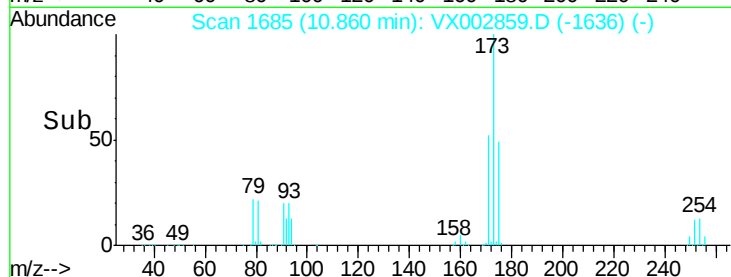
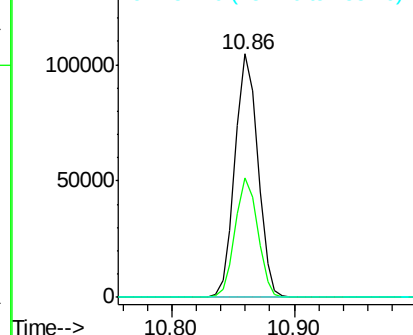
254 0.2 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

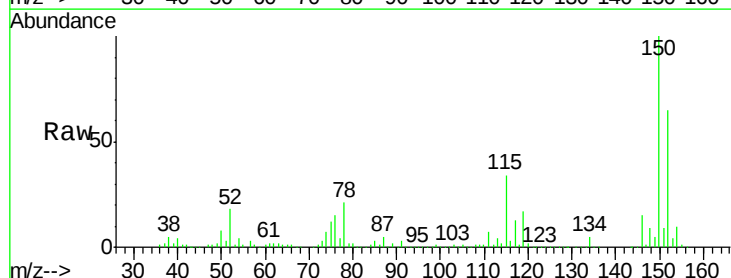
Tgt Ion:152 Resp: 234341

Ion Ratio Lower Upper

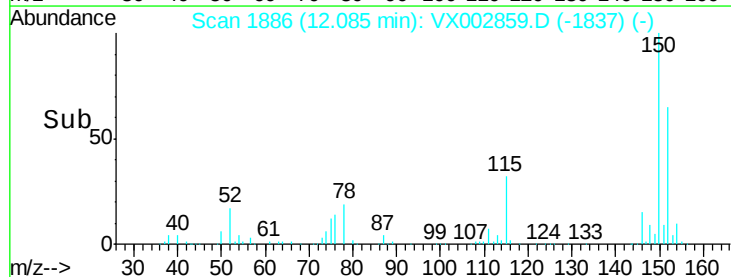
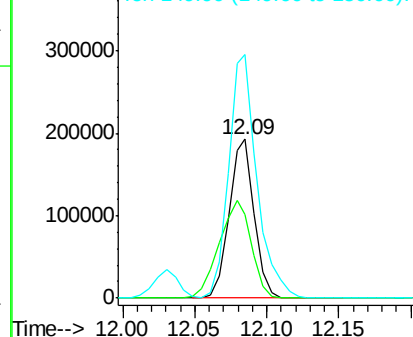
152 100

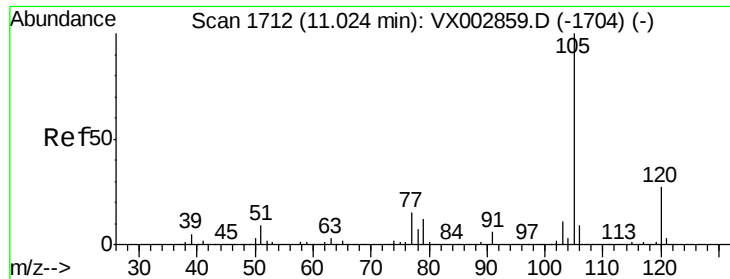
115 78.7 40.1 120.2

150 173.8 0.0 347.2



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





#73

Isopropylbenzene

Concen: 49.71 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 779052

Ion Ratio Lower Upper

105 100

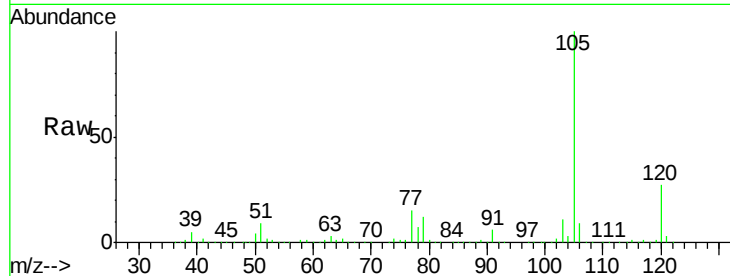
120 27.1 13.5 40.4

Manual Integrations

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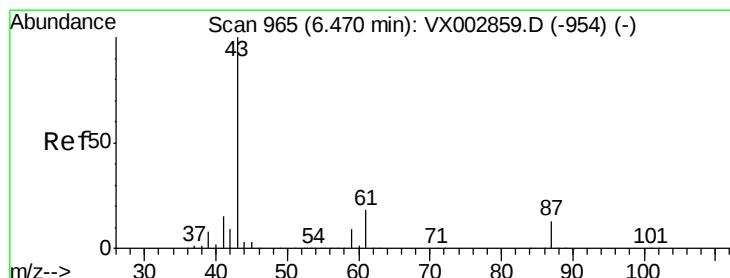
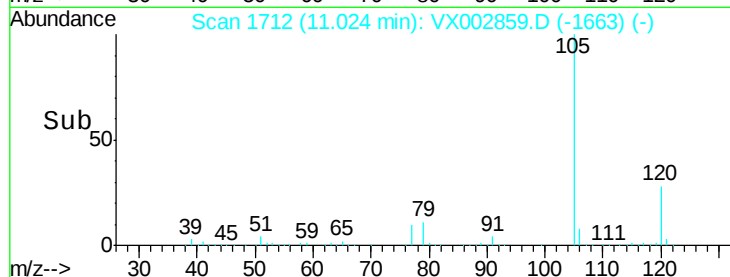
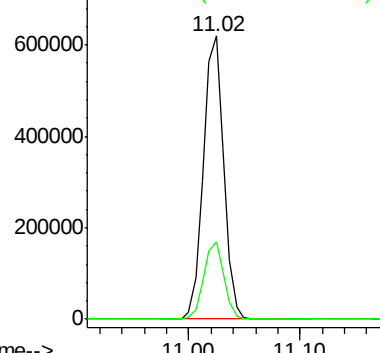
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.28 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Tgt Ion: 43 Resp: 360395

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

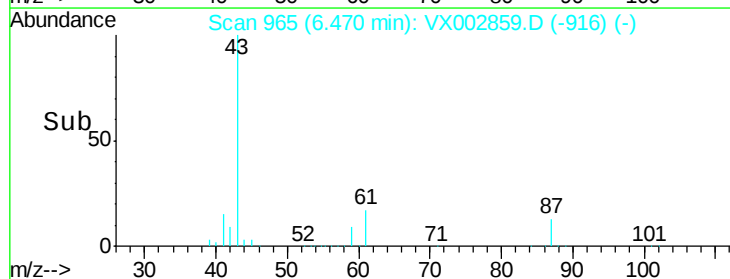
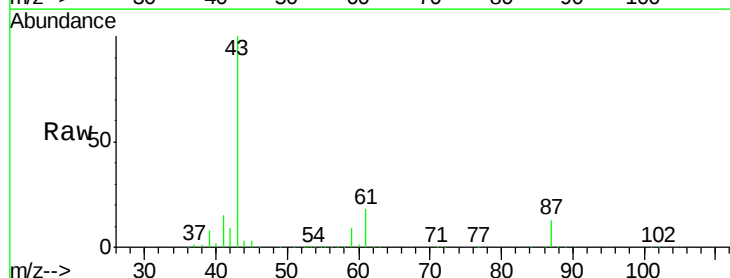
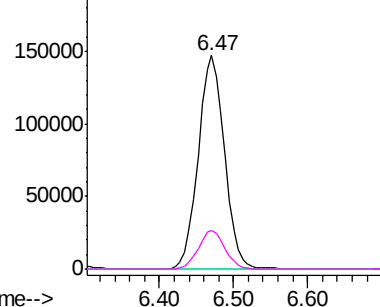
61 18.2 14.4 21.6

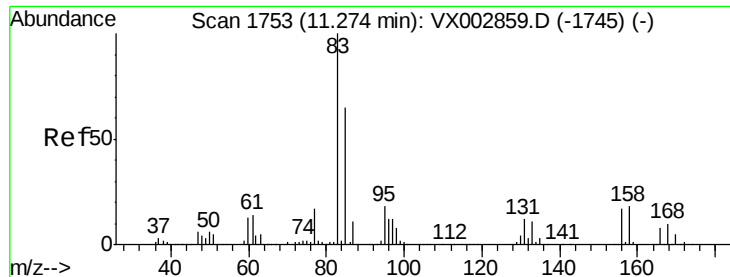
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.34 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

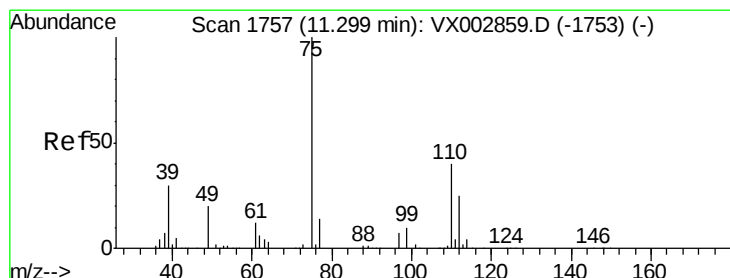
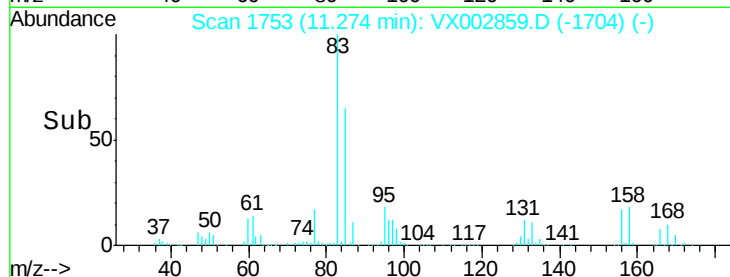
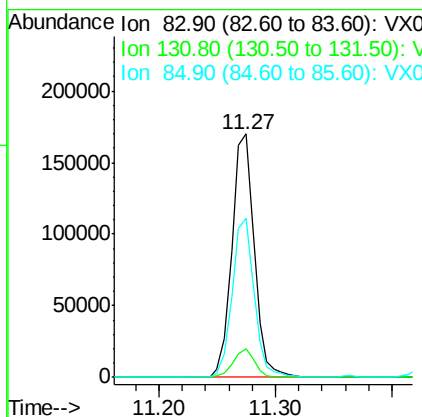
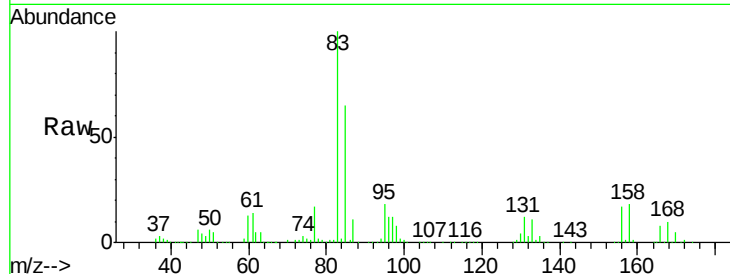
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	228351
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	64.6	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.56 ug/l m

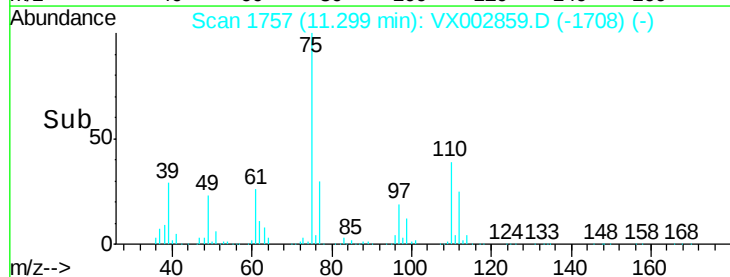
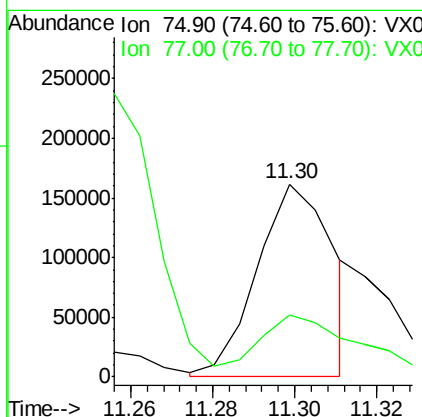
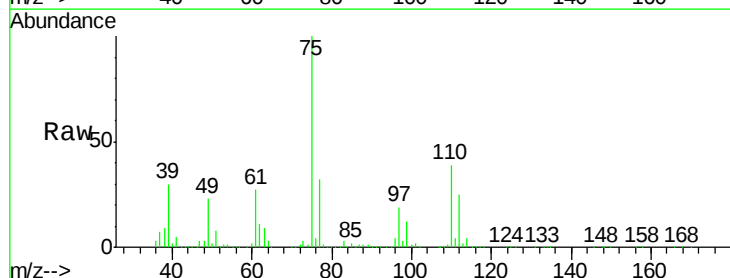
RT: 11.30 min Scan# 1757

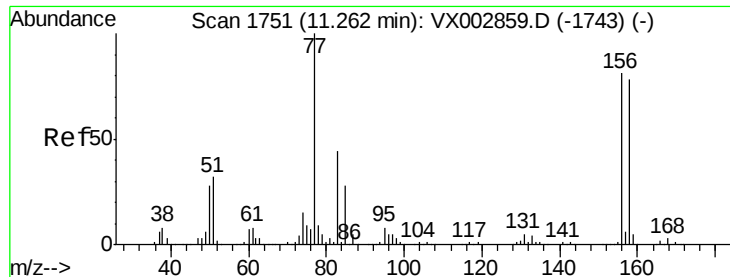
Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Tgt Ion:	75	Resp:	205910
Ion Ratio	Lower	Upper	
75	100		
77	42.5	22.8	68.3





#77

Bromobenzene

Concen: 49.41 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 215725

Ion Ratio Lower Upper

156 100

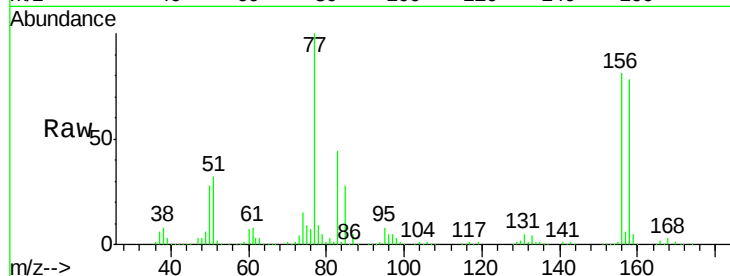
77 137.6 71.4 214.2

158 97.6 48.9 146.6

Manual Integrations
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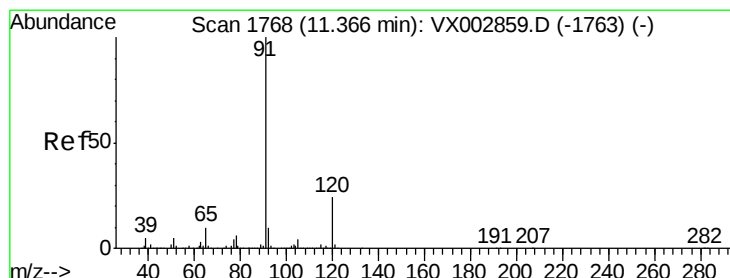
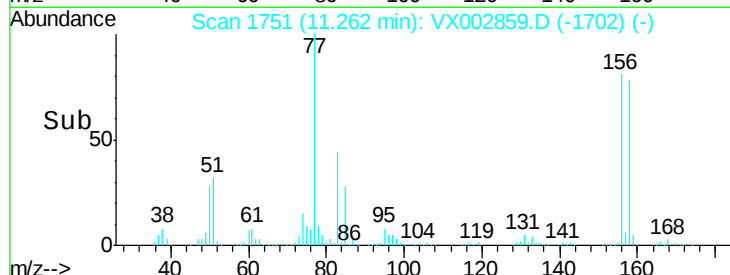
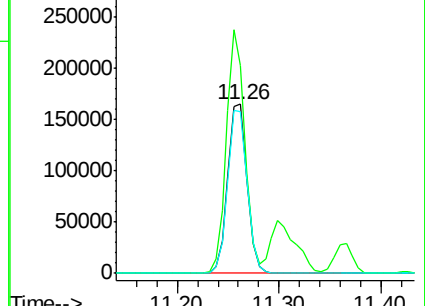
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.77 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002859.D

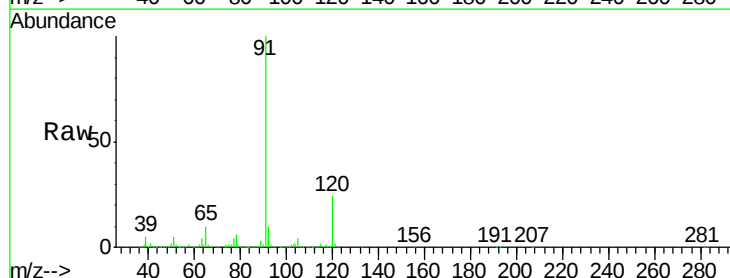
Acq: 25 Jun 2018 12:14

Tgt Ion: 91 Resp: 894616

Ion Ratio Lower Upper

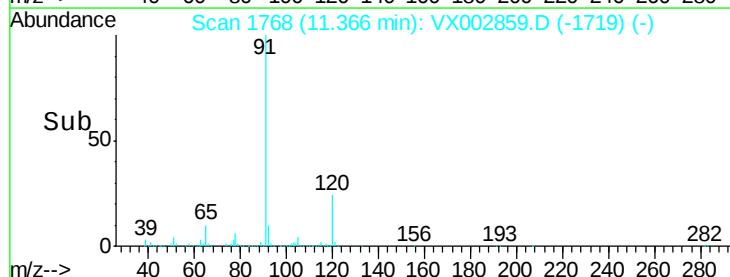
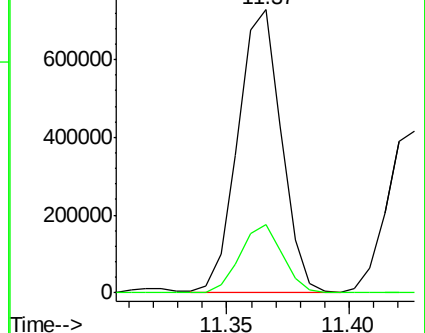
91 100

120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.15 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 527434

Ion Ratio Lower Upper

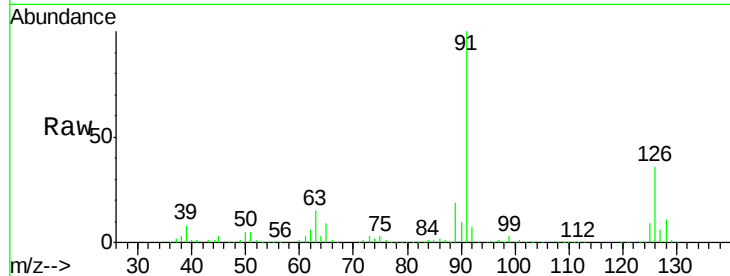
91 100

126 35.4 17.7 53.1

Manual Integrations
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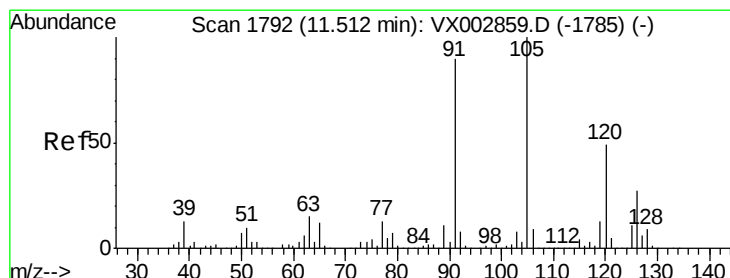
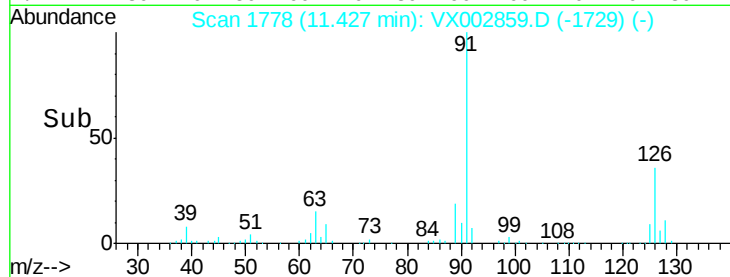
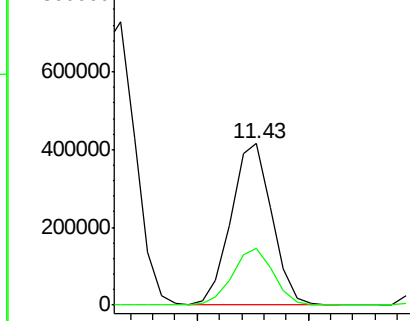
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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.22 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002859.D

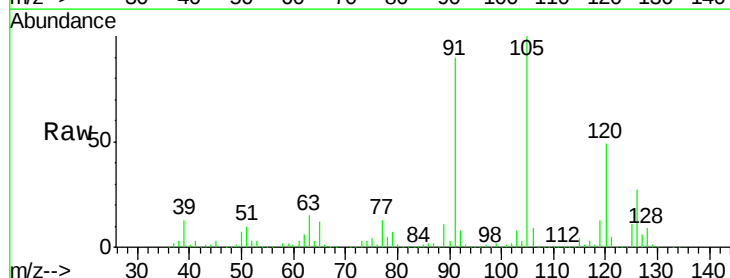
Acq: 25 Jun 2018 12:14

Tgt Ion: 105 Resp: 665130

Ion Ratio Lower Upper

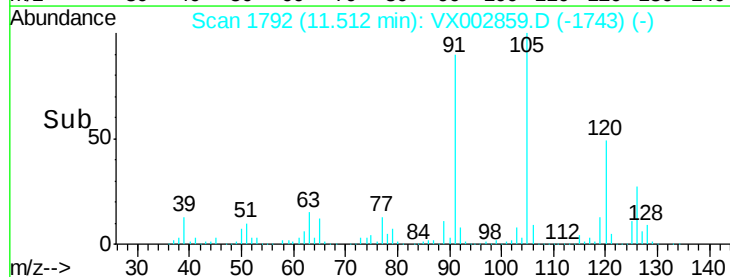
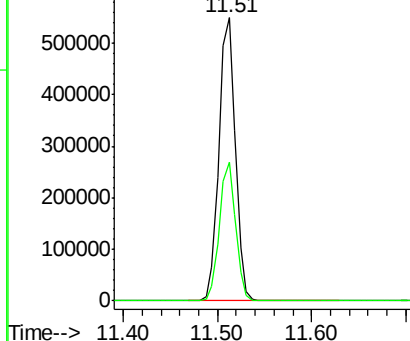
105 100

120 48.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 56.52 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 66068

Ion Ratio Lower Upper

75 100

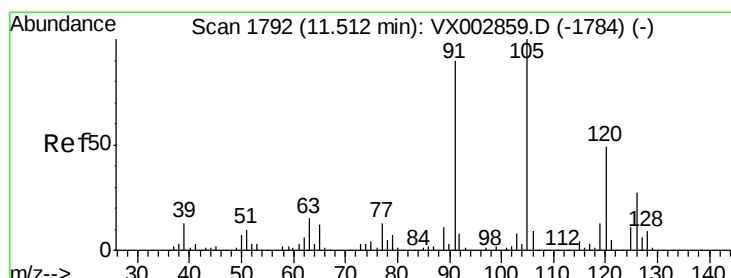
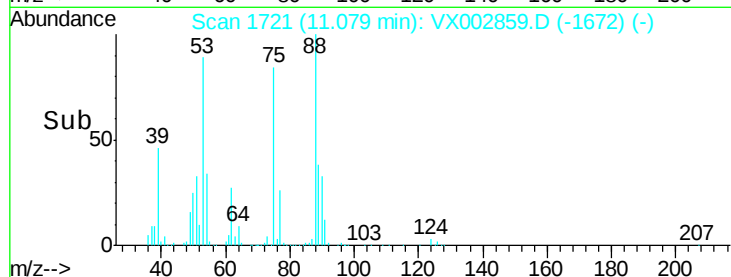
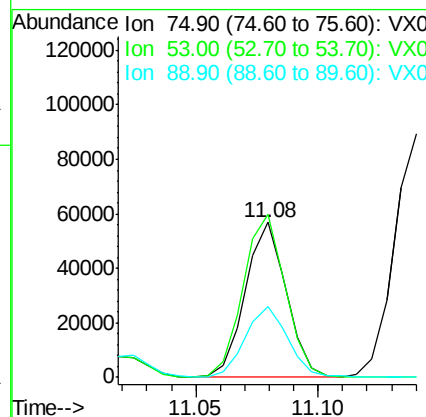
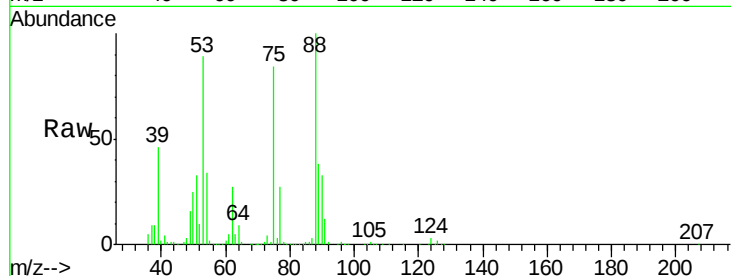
53 108.9 86.8 130.2

89 47.9 38.2 57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.79 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002859.D

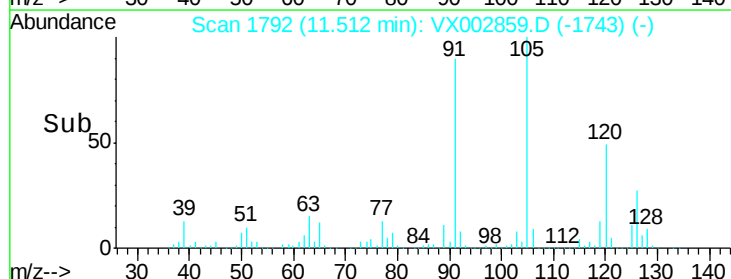
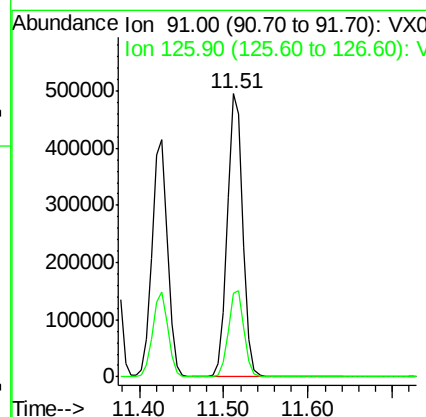
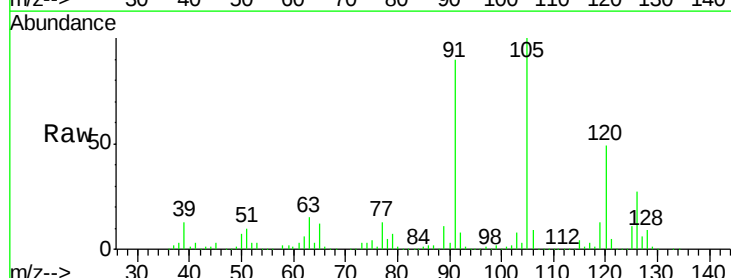
Acq: 25 Jun 2018 12:14

Tgt Ion: 91 Resp: 630540

Ion Ratio Lower Upper

91 100

126 30.6 15.4 46.4





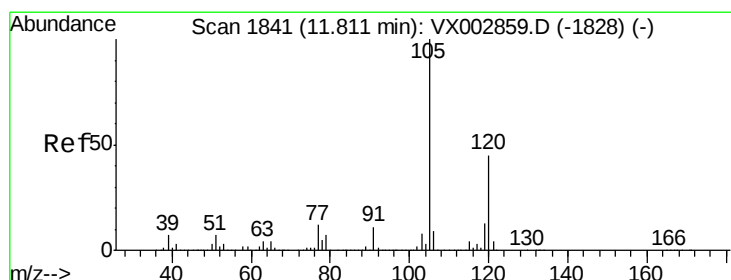
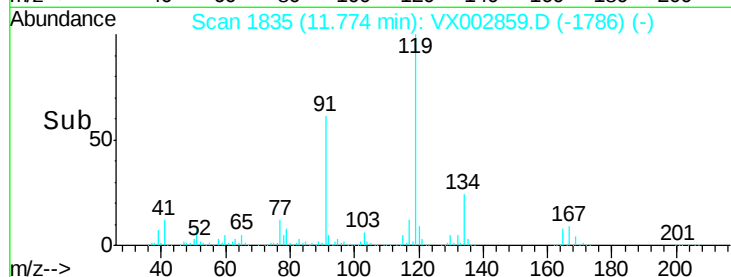
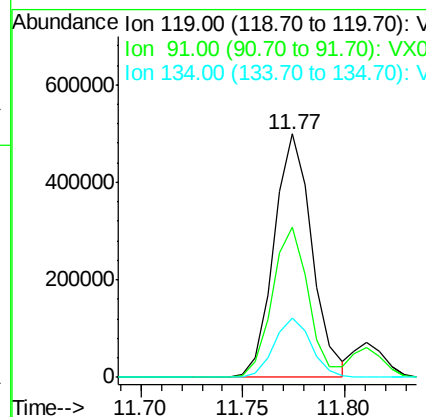
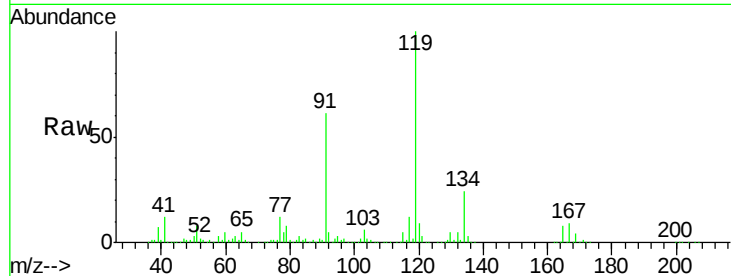
#83
 tert-Butylbenzene
 Concen: 50.87 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	649153		
91	59.1		30.3	90.9
134	23.7		11.7	35.1

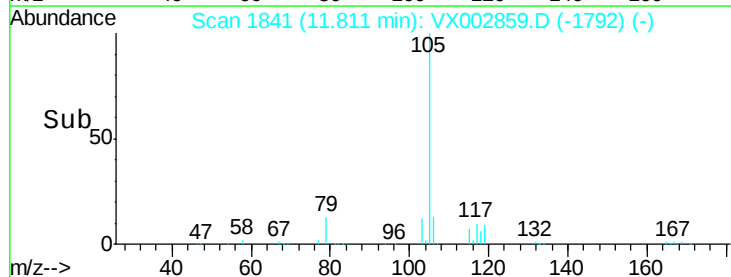
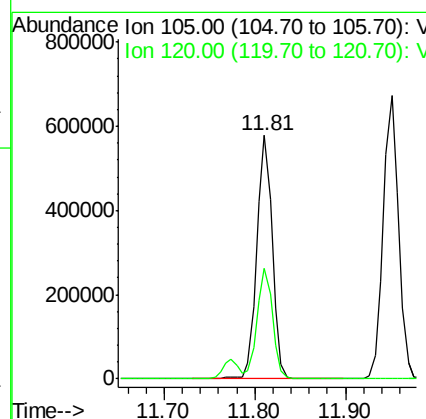
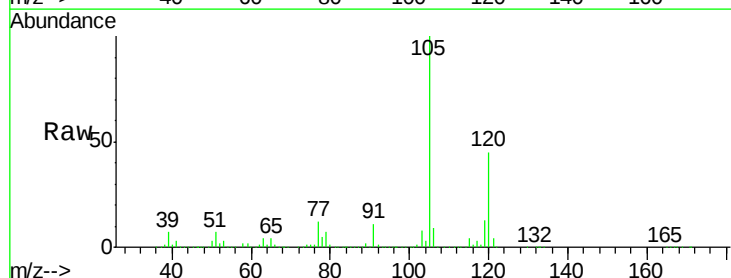
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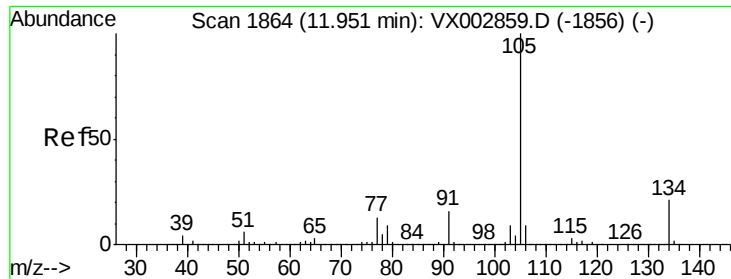
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.58 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	683552		
120	45.4		22.3	66.8





#85

sec-Butylbenzene

Concen: 49.80 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 790107

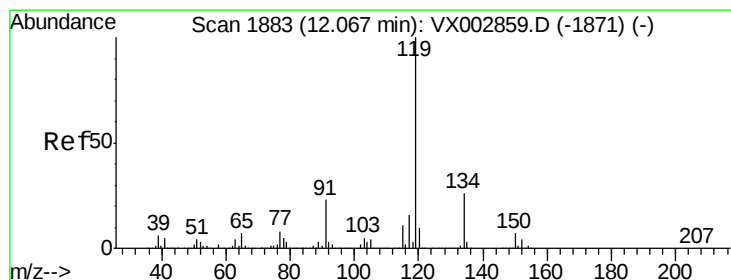
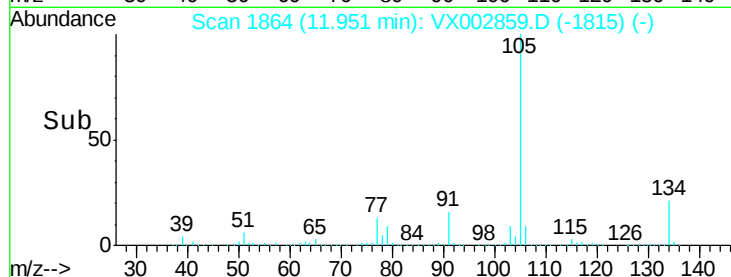
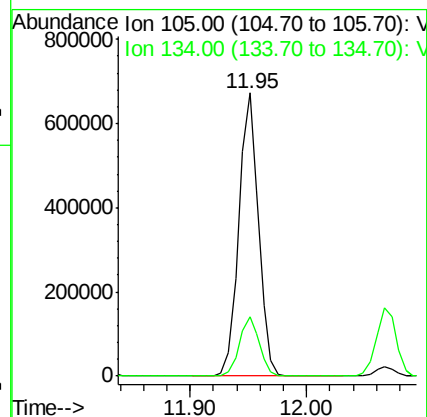
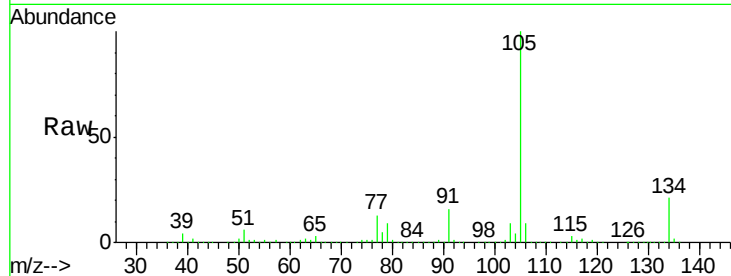
Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 50.47 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

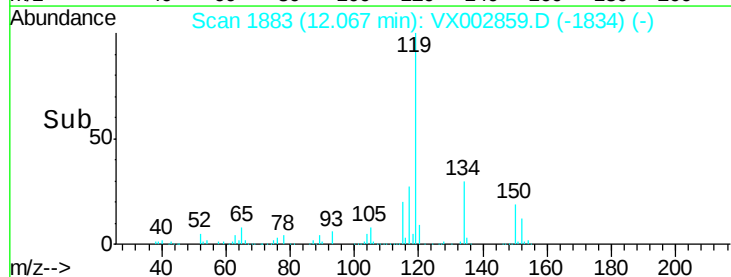
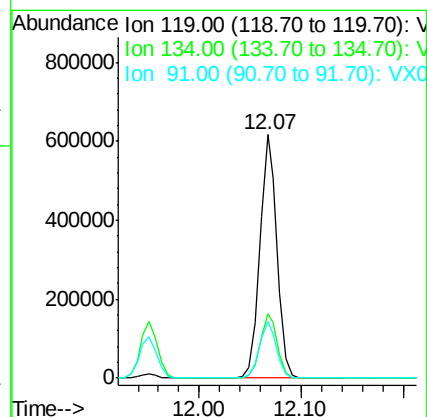
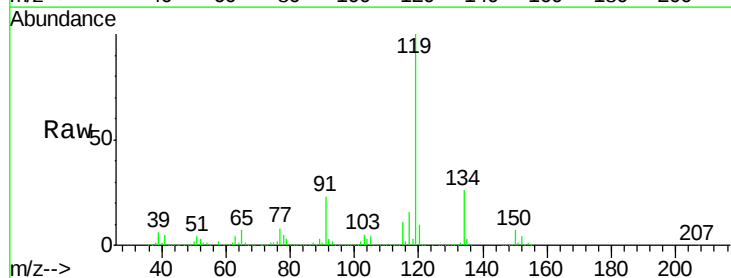
Tgt Ion:119 Resp: 724472

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.1 11.9 35.7





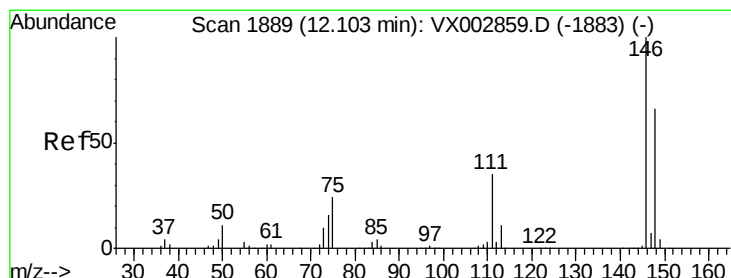
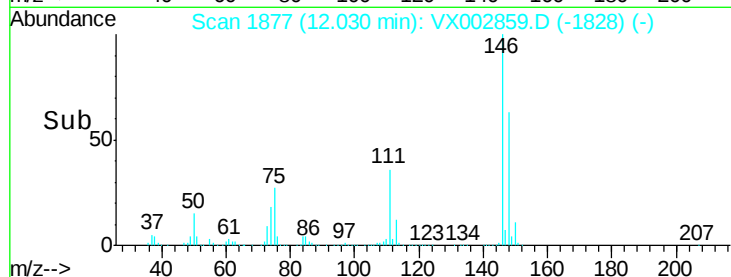
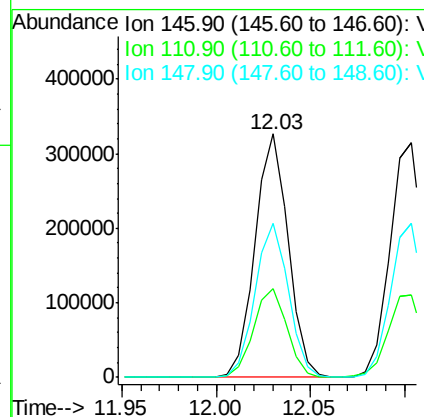
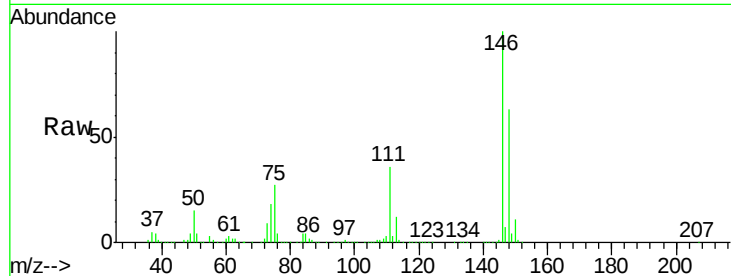
#87
 1,3-Dichlorobenzene
 Concen: 49.64 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.7
148	63.7	32.1	96.3

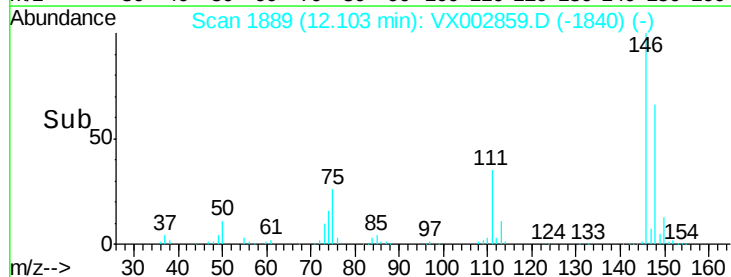
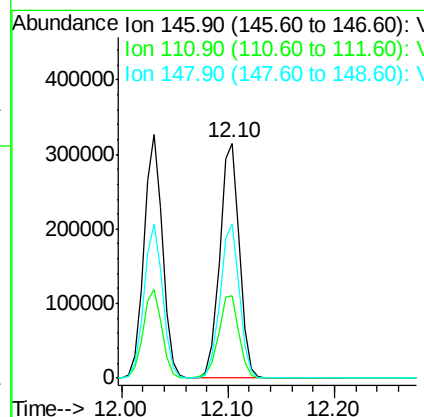
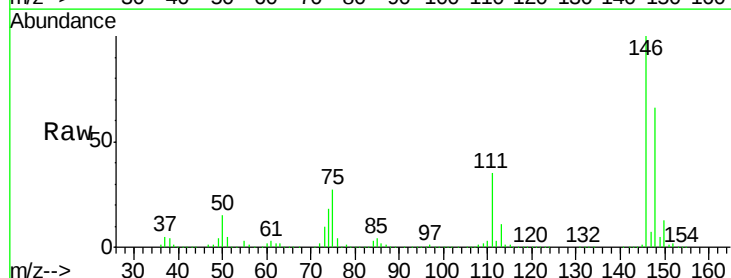
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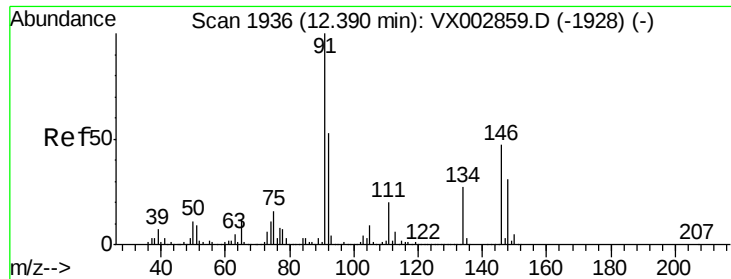
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#88
 1,4-Dichlorobenzene
 Concen: 49.04 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.7	56.1
148	64.9	32.4	97.0





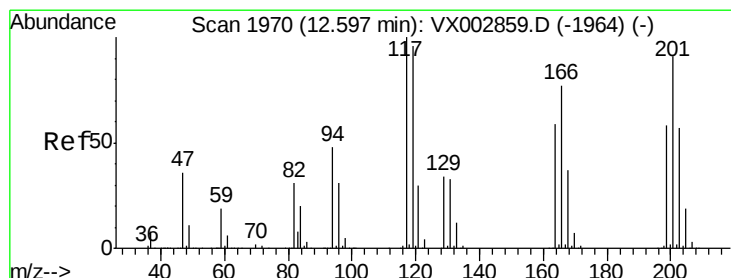
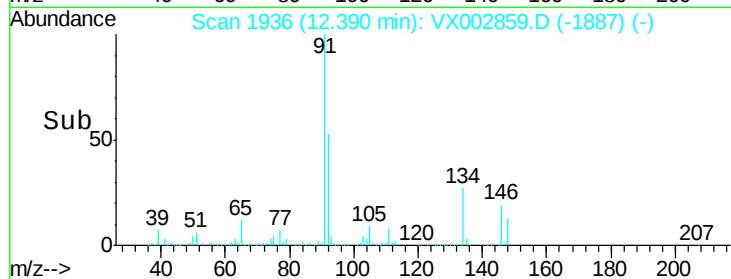
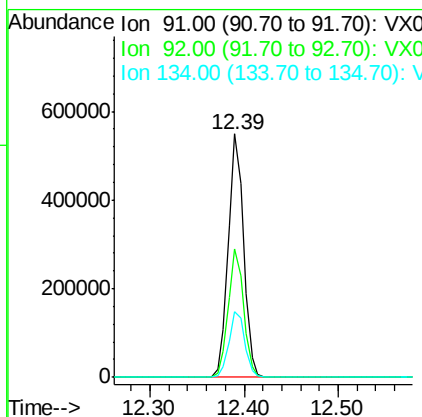
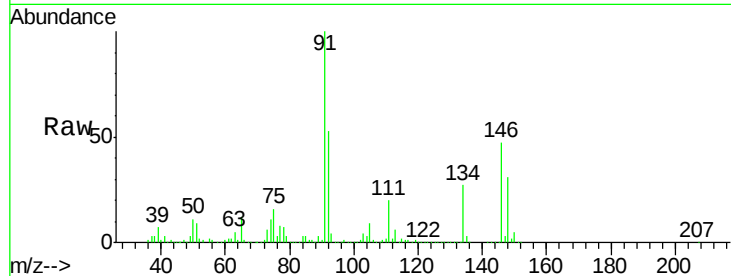
#89
n-Butylbenzene
Concen: 49.06 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	27.8	13.5	40.5

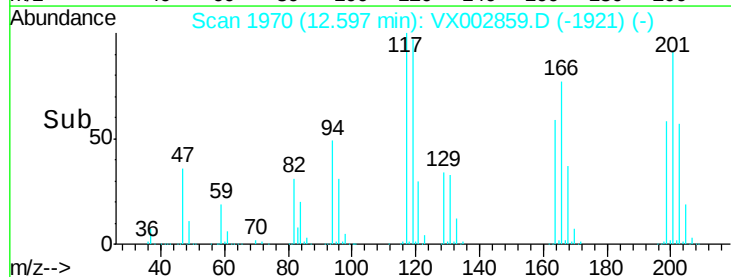
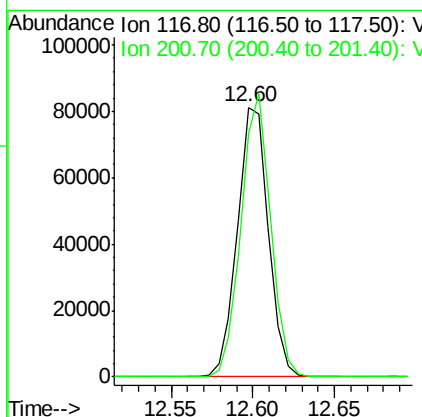
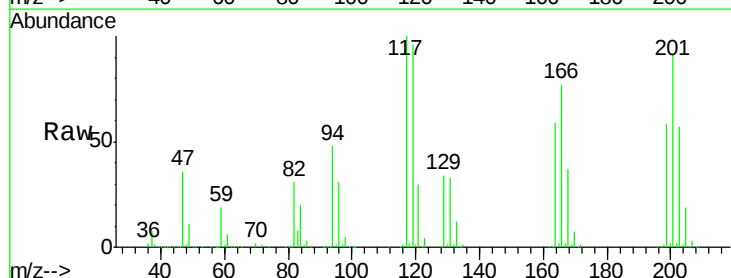
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#90
Hexachloroethane
Concen: 54.28 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002859.D
Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.3	49.0	147.0





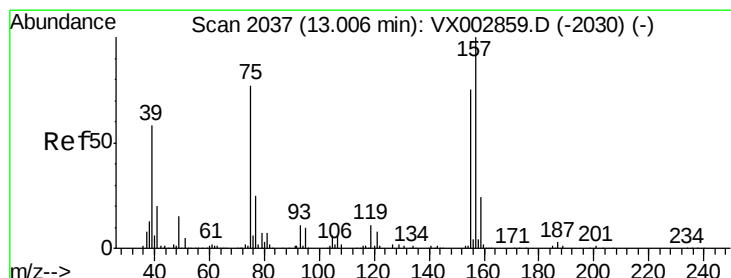
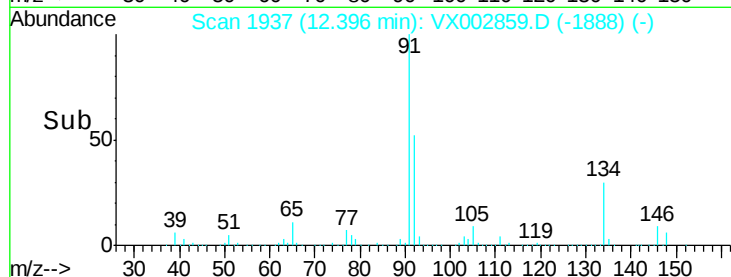
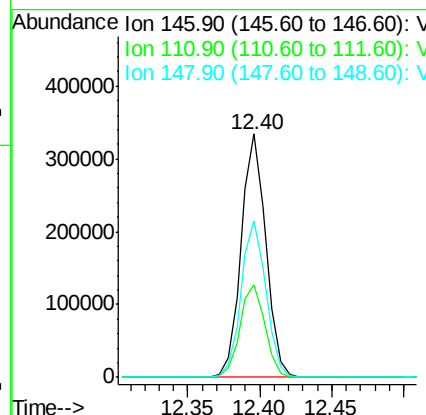
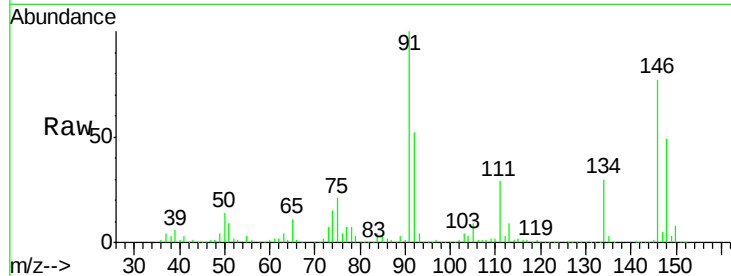
#91
 1,2-Dichlorobenzene
 Concen: 49.55 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.1
148	64.6	31.7	95.1

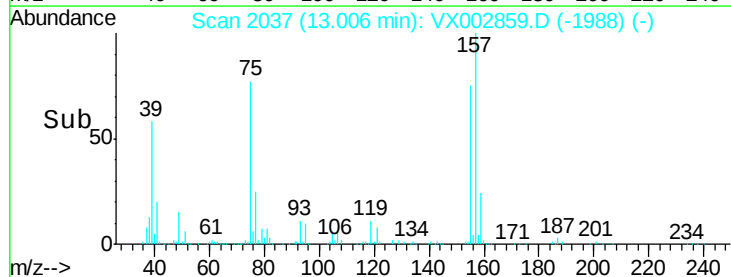
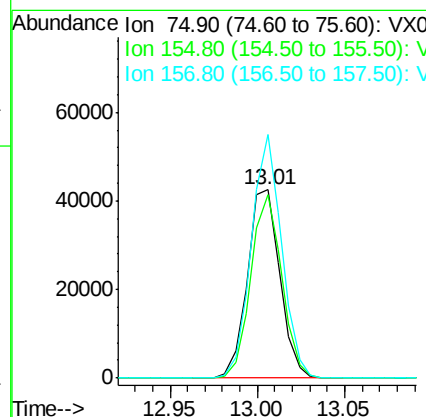
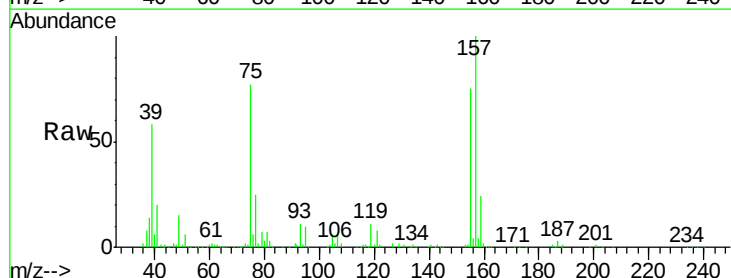
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.55 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	45.8	137.4
157	120.6	60.1	180.3





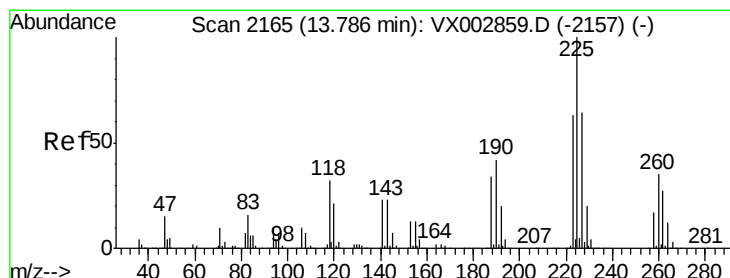
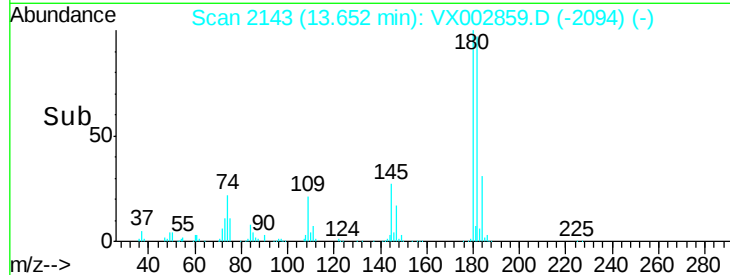
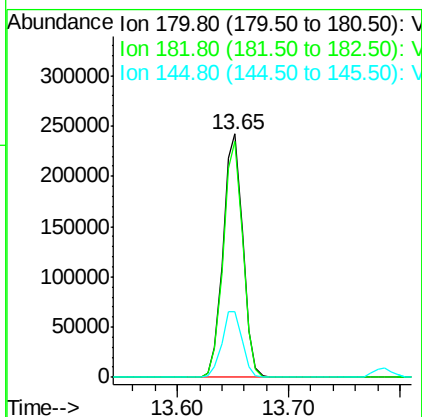
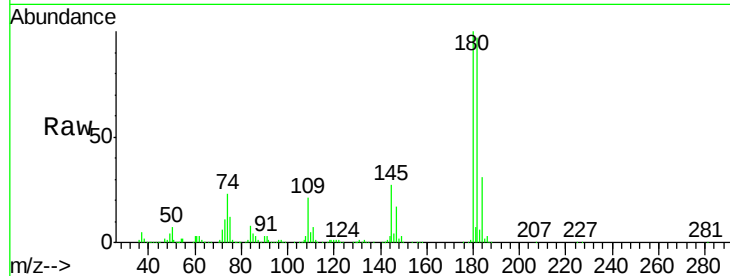
#93
 1,2,4-Trichlorobenzene
 Concen: 50.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	296105		
182	96.0	47.7	143.1	
145	27.9	14.1	42.4	

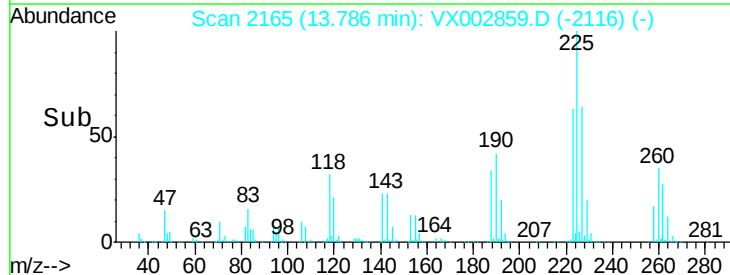
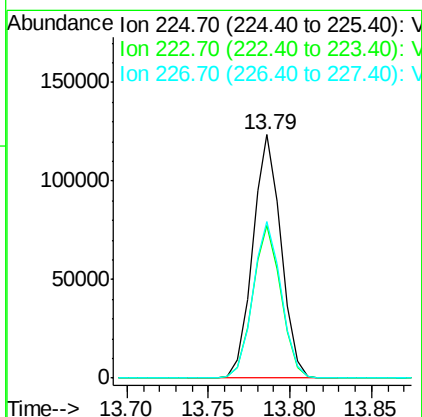
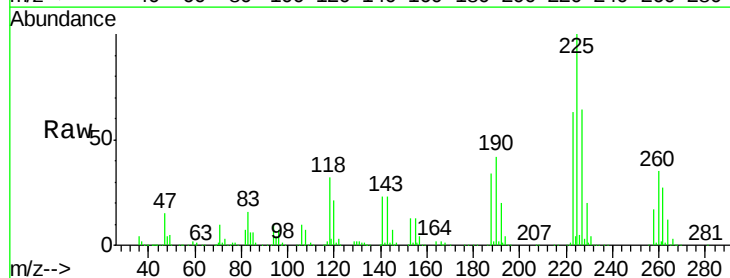
Manual Integrations
 APPROVED

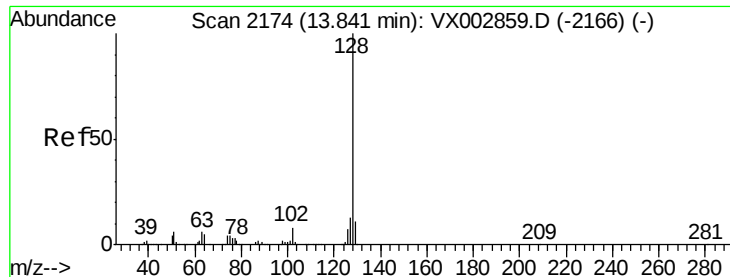
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 48.11 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002859.D
 Acq: 25 Jun 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	148238		
223	62.9	31.6	95.0	
227	64.6	32.4	97.2	





#95

Naphthalene

Concen: 51.92 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Instrument :

MSVOA_X

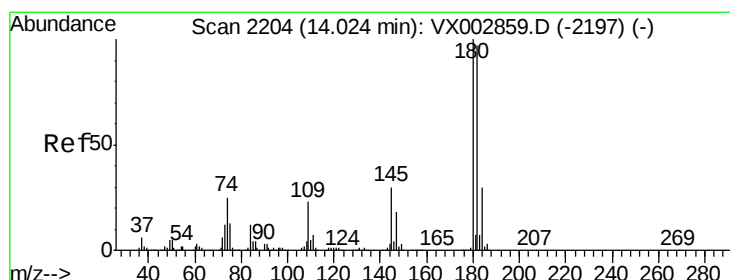
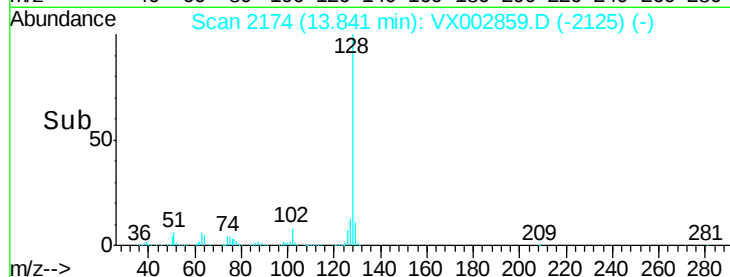
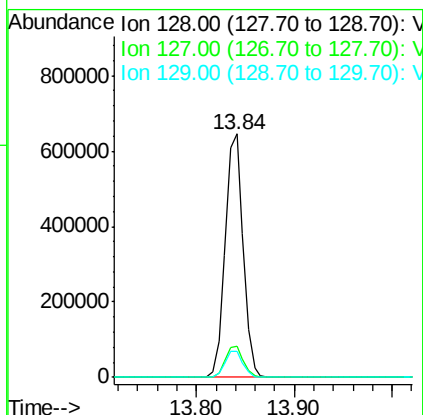
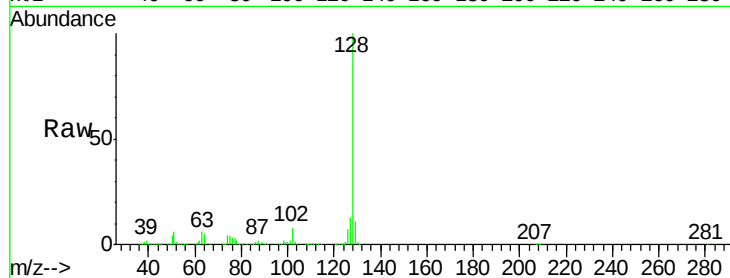
ClientSampled :

VSTDICCC050

Tot Ion:	128	Resp:	817259
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 50.94 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002859.D

Acq: 25 Jun 2018 12:14

Tgt Ion:	180	Resp:	299229
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.0	144.0
145	29.5	14.8	44.3

