

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090618\
 Data File : VX004399.D
 Acq On : 06 Sep 2018 21:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:42:56 PM

Quant Time: Sep 07 08:03:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	322723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	490114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	471066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	285657	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209803	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.50	113	184136	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	8.71	98	676333	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.14	95	263318	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	137289	36.73	ug/l	97
3) Chloromethane	1.32	50	180553	43.74	ug/l	99
4) Vinyl Chloride	1.40	62	192620	45.55	ug/l	98
5) Bromomethane	1.63	94	85883	40.83	ug/l	98
6) Chloroethane	1.71	64	142798	47.63	ug/l	100
7) Trichlorofluoromethane	1.92	101	261138	45.07	ug/l	95
8) Diethyl Ether	2.18	74	134405	54.17	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	161936	44.62	ug/l	99
10) Methyl Iodide	2.51	142	206784	50.45	ug/l	98
11) Tert butyl alcohol	3.08	59	250558	279.45	ug/l	99
12) 1,1-Dichloroethene	2.37	96	161874	47.35	ug/l	96
13) Acrolein	2.29	56	47955	221.84	ug/l	100
14) Allyl chloride	2.72	41	322002	51.26	ug/l	96
15) Acrylonitrile	3.15	53	609848	274.64	ug/l	100
16) Acetone	2.45	43	482800	282.22	ug/l	98
17) Carbon Disulfide	2.56	76	382503	40.44	ug/l	99
18) Methyl Acetate	2.78	43	440301	70.54	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	625169	55.49	ug/l	97
20) Methylene Chloride	2.85	84	201636	49.80	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	179561	47.45	ug/l	96
22) Diisopropyl ether	3.87	45	634324	54.09	ug/l	99
23) Vinyl Acetate	3.82	43	2381300	250.52	ug/l	99
24) 1,1-Dichloroethane	3.69	63	355637	52.03	ug/l	100
25) 2-Butanone	4.71	43	781555	277.61	ug/l	99
26) 2,2-Dichloropropane	4.58	77	201169	37.53	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	218283	50.86	ug/l	97
28) Bromochloromethane	5.01	49	160193	52.94	ug/l	100
29) Tetrahydrofuran	5.16	42	499570	276.43	ug/l	99
30) Chloroform	5.21	83	354353	51.71	ug/l	98
31) Cyclohexane	5.57	56	268747	45.57	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	287080	50.24	ug/l	99
36) 1,1-Dichloropropene	5.79	75	250079	45.39	ug/l	99
37) Ethyl Acetate	4.86	43	275918	50.92	ug/l	99
38) Carbon Tetrachloride	5.78	117	237605	45.84	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	273100	43.41	ug/l	99
40) Benzene	6.14	78	806810	49.00	ug/l	99
41) Methacrylonitrile	5.06	41	167566	53.35	ug/l	98
42) 1,2-Dichloroethane	6.20	62	273730	48.74	ug/l	99
43) Isopropyl Acetate	6.46	43	445705	53.53	ug/l	99
44) Trichloroethene	7.21	130	216700	47.55	ug/l	98
45) 1,2-Dichloropropane	7.52	63	213927	51.92	ug/l	99
46) Dibromomethane	7.66	93	133766	48.75	ug/l	98
47) Bromodichloromethane	7.90	83	258687	50.67	ug/l	99
48) Methyl methacrylate	7.78	41	238422	53.51	ug/l	98
49) 1,4-Dioxane	7.76	88	109678	1084.20	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1545074	255.38	ug/l	99
52) Toluene	8.79	92	511109	49.59	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	285210	50.58	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	314837	51.26	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	215628	51.83	ug/l	97
56) Ethyl methacrylate	9.18	69	323316	57.09	ug/l	97
57) 1,3-Dichloropropane	9.37	76	362431	51.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	804166	277.12	ug/l	100
59) 2-Hexanone	9.50	43	1179195	255.48	ug/l	99
60) Dibromochloromethane	9.58	129	210929	52.04	ug/l	100
61) 1,2-Dibromoethane	9.68	107	220893	51.31	ug/l	100
64) Tetrachloroethene	9.34	164	230112	49.45	ug/l	98
65) Chlorobenzene	10.14	112	576478	48.76	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	205653	50.43	ug/l	99
67) Ethyl Benzene	10.26	91	932648	48.57	ug/l	99
68) m/p-Xylenes	10.36	106	746554	99.44	ug/l	99
69) o-Xylene	10.70	106	368292	51.86	ug/l	99
70) Styrene	10.71	104	626005	54.44	ug/l	99
71) Bromoform	10.86	173	166727	50.72	ug/l	100
73) Isopropylbenzene	11.02	105	982341	52.36	ug/l	100
74) N-amyl acetate	10.90	43	397927	55.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	327597	49.90	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	295505m	50.86	ug/l	
77) Bromobenzene	11.26	156	267068	50.75	ug/l	99
78) n-propylbenzene	11.36	91	1108270	51.36	ug/l	99
79) 2-Chlorotoluene	11.42	91	672441	50.63	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	826322	53.18	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	89096	49.76	ug/l	97
82) 4-Chlorotoluene	11.51	91	788723	50.47	ug/l	99
83) tert-Butylbenzene	11.77	119	815166	52.15	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	861771	54.03	ug/l	100
85) sec-Butylbenzene	11.94	105	989983	53.34	ug/l	100
86) p-Isopropyltoluene	12.07	119	894941	53.81	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	490211	49.47	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	491227	47.02	ug/l	99
89) n-Butylbenzene	12.39	91	688304	50.89	ug/l	98
90) Hexachloroethane	12.60	117	122253	52.59	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	470421	51.94	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62188	53.78	ug/l	96

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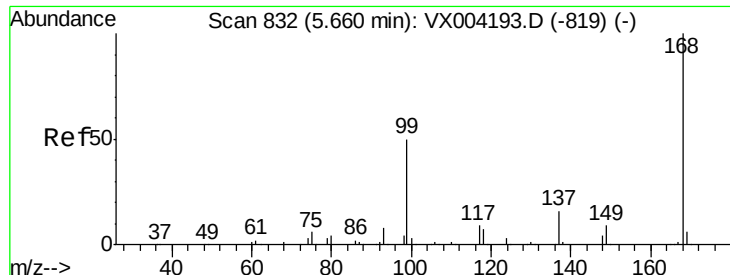
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	358645	54.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	165165	53.89	ug/l	96
95) Naphthalene	13.83	128	1132225	60.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	376831	54.02	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 322723

Ion Ratio Lower Upper

168 100

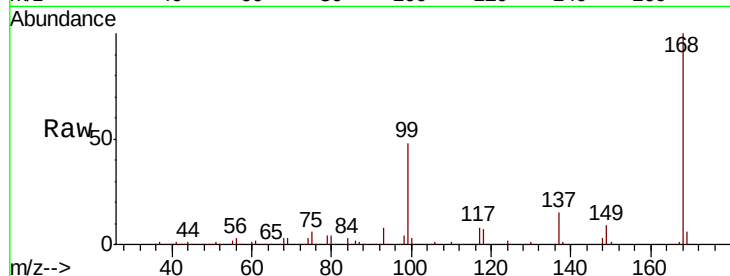
99 47.5 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

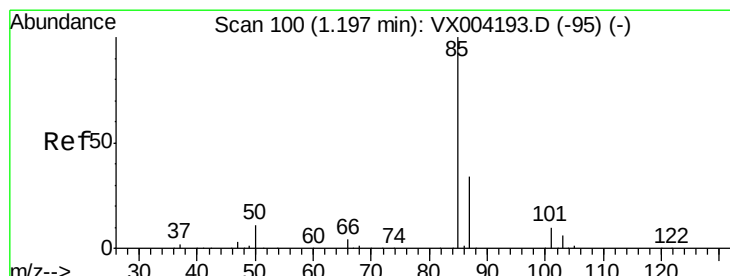
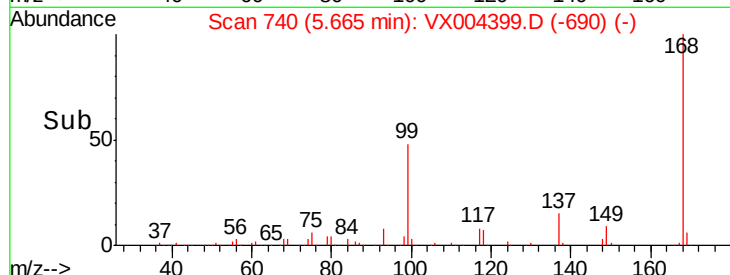
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 36.73 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004399.D

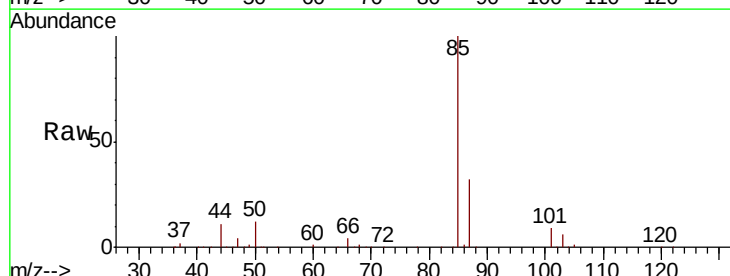
Acq: 06 Sep 2018 21:34

Tgt Ion: 85 Resp: 137289

Ion Ratio Lower Upper

85 100

87 32.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

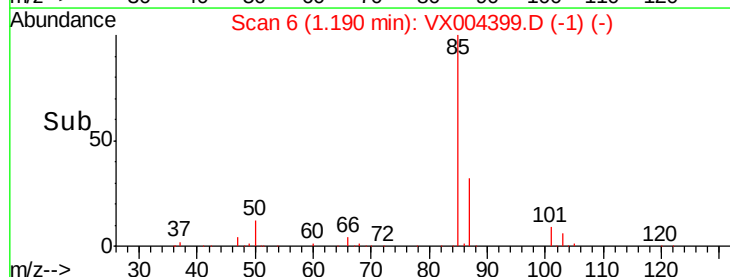
150000

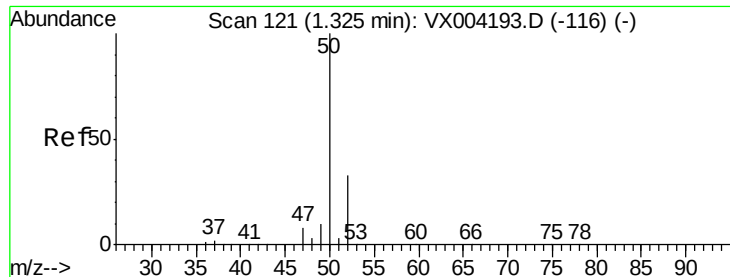
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.74 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 180553

Ion Ratio Lower Upper

50 100

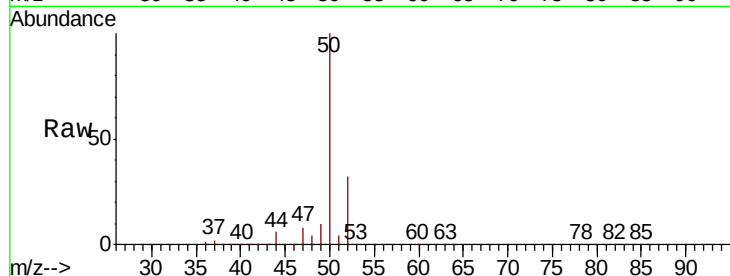
52 32.1 26.2 39.2

Manual Integrations

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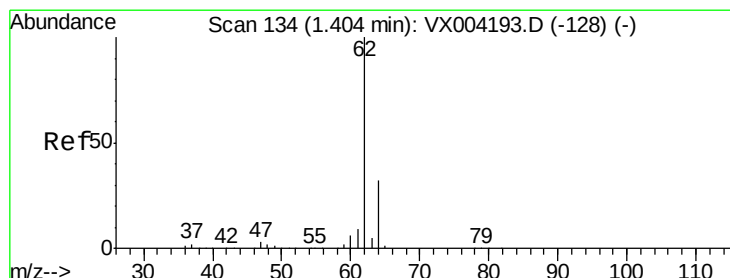
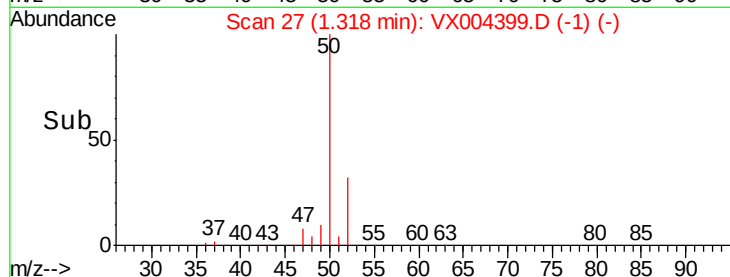
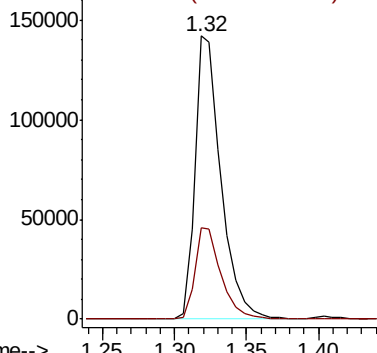
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.55 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004399.D

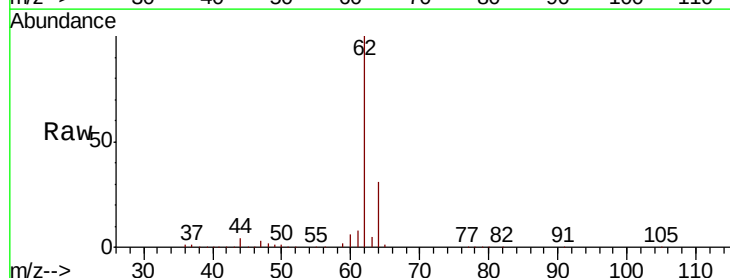
Acq: 06 Sep 2018 21:34

Tgt Ion: 62 Resp: 192620

Ion Ratio Lower Upper

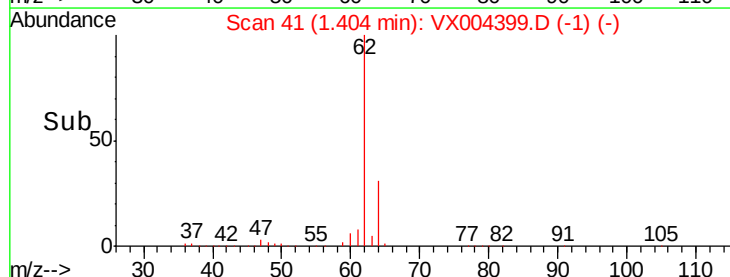
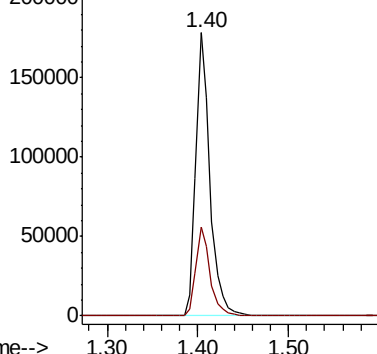
62 100

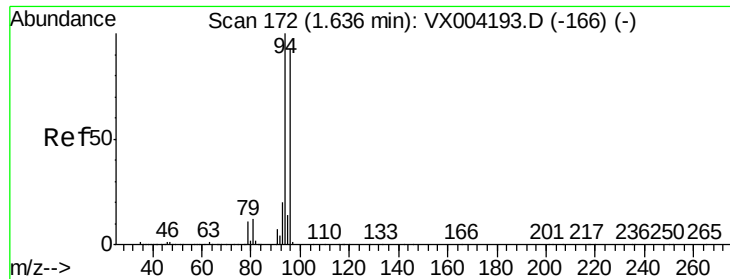
64 31.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.83 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 85883

Ion Ratio Lower Upper

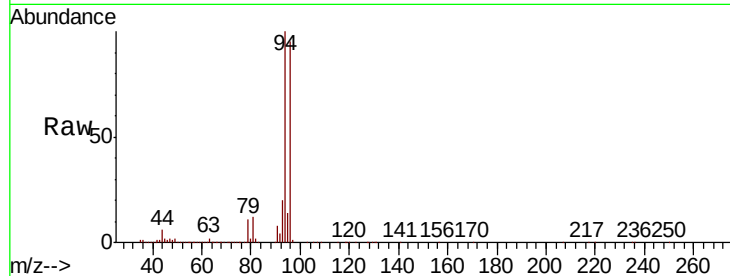
94 100

96 94.6 74.5 111.7

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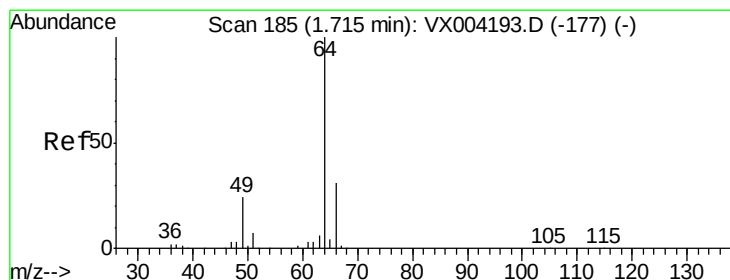
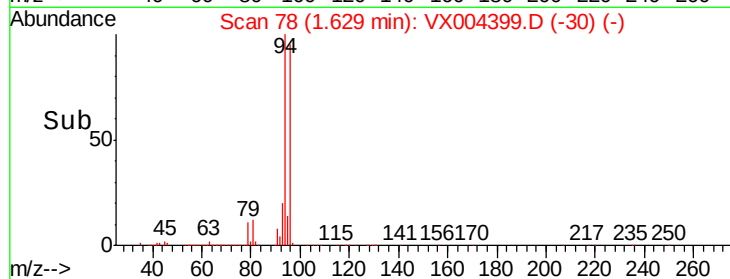
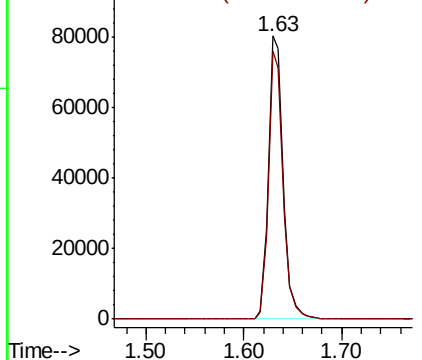
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.63 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004399.D

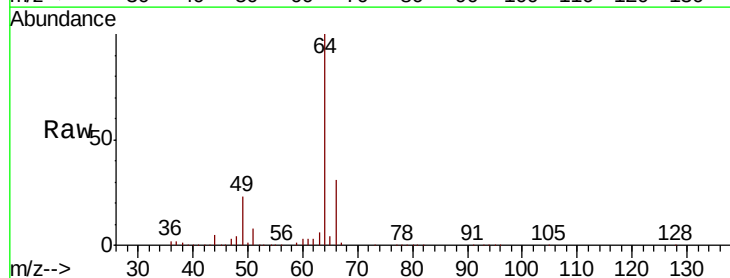
Acq: 06 Sep 2018 21:34

Tgt Ion: 64 Resp: 142798

Ion Ratio Lower Upper

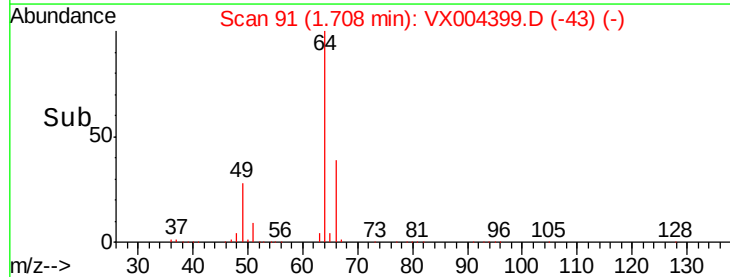
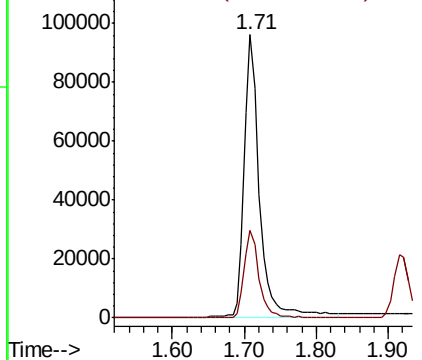
64 100

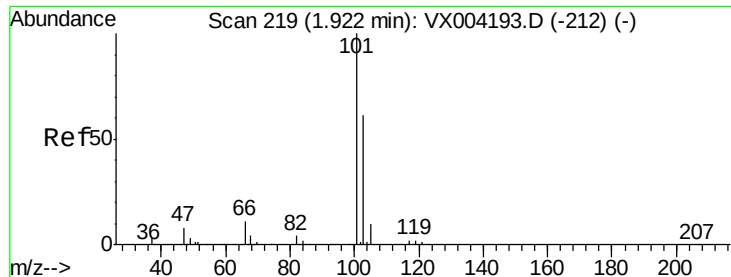
66 30.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

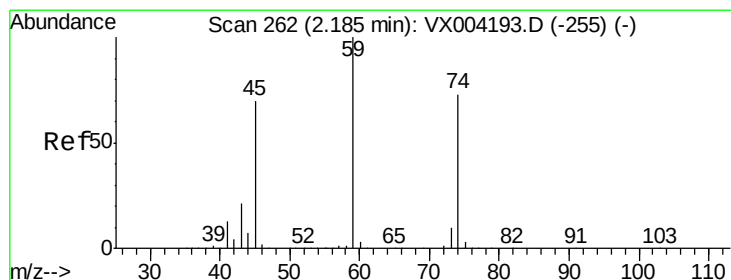
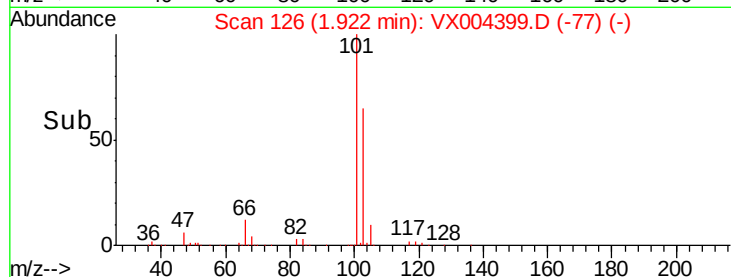
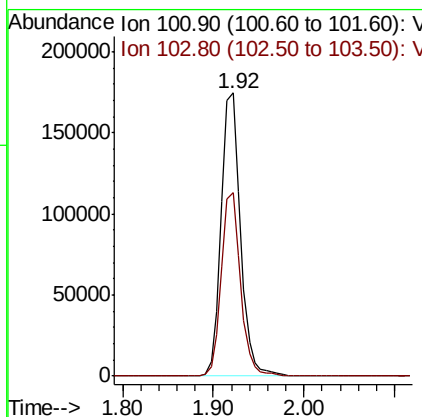
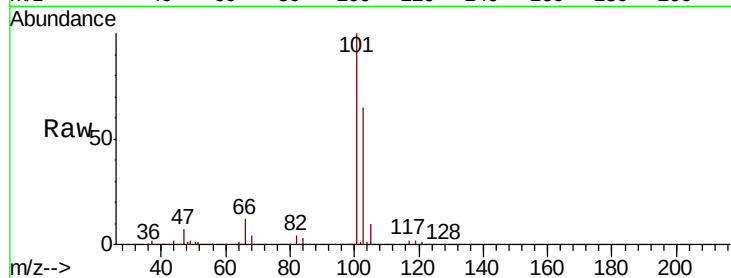
Trichlorofluoromethane
Concen: 45.07 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	48.9	73.3

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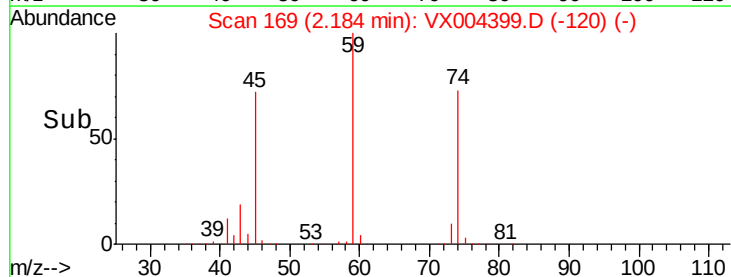
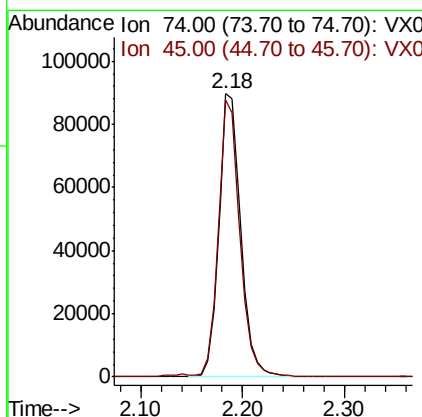
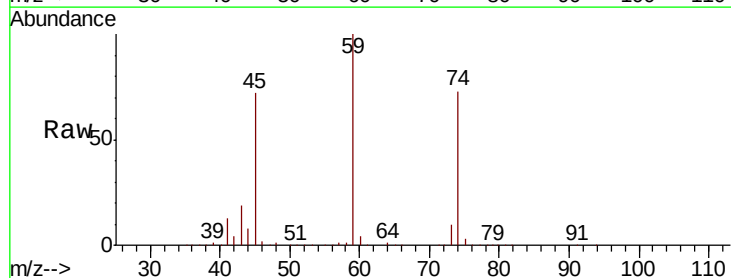
MMDadoda
9/7/2018 1:42:56 PM

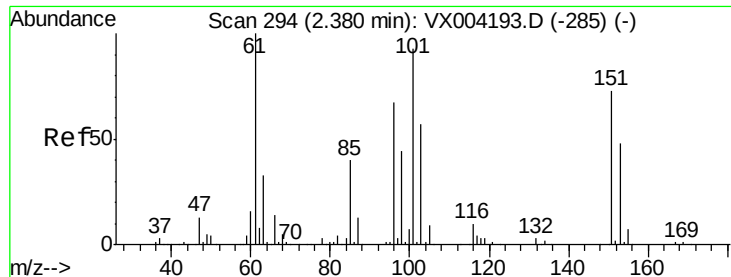


#8

Diethyl Ether
Concen: 54.17 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.62 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

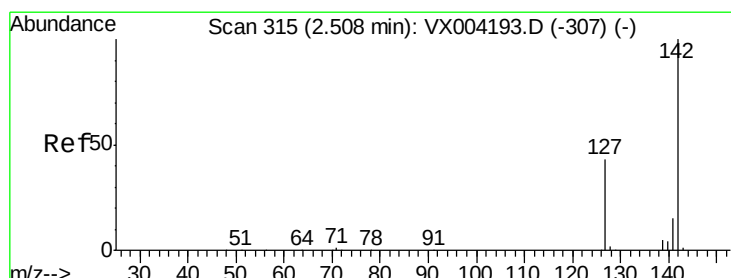
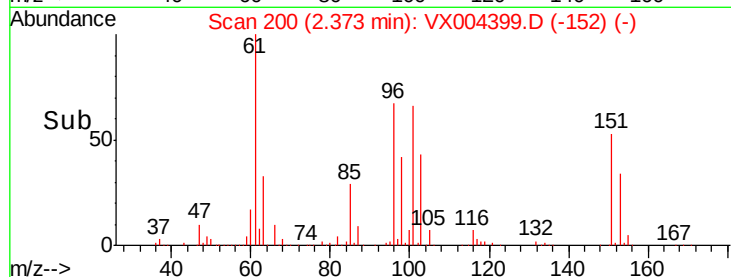
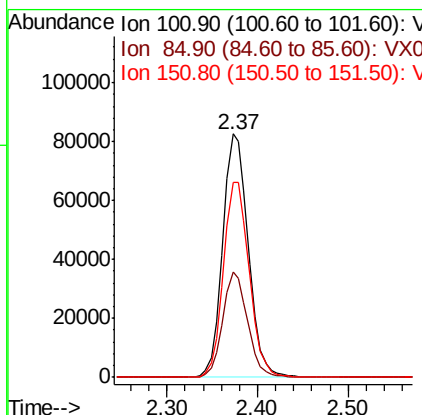
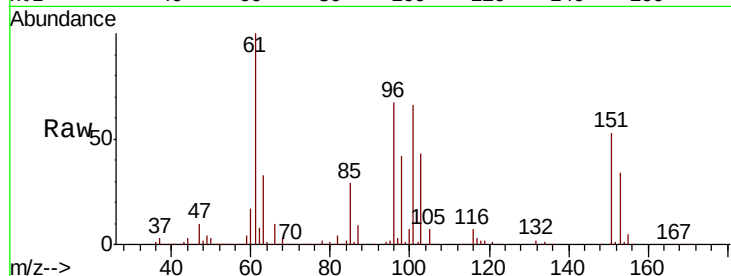
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	161936
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.2	51.4
151	81.0	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 50.45 ug/l

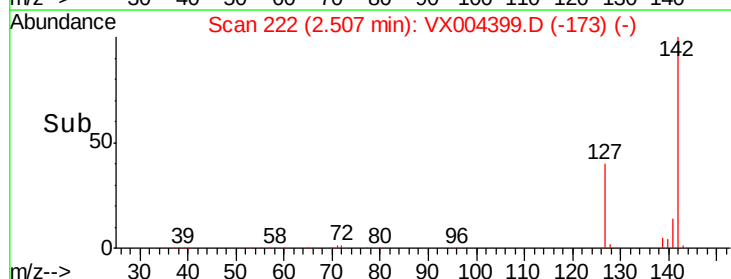
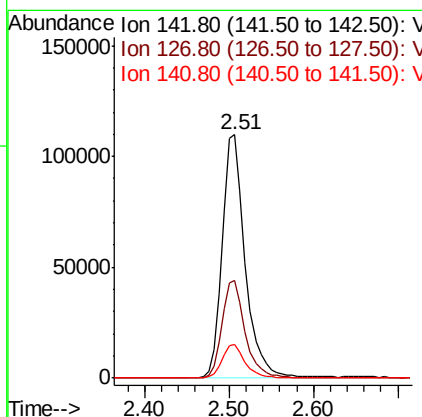
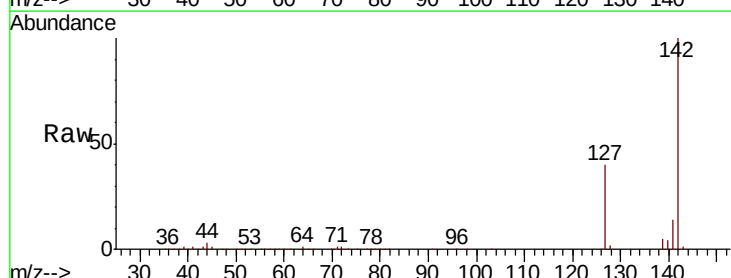
RT: 2.51 min Scan# 222

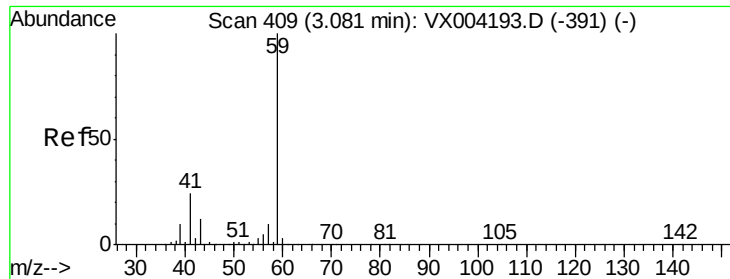
Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Tgt Ion:	142	Resp:	206784
Ion Ratio	Lower	Upper	
142	100		
127	40.5	33.8	50.6
141	13.9	11.4	17.0





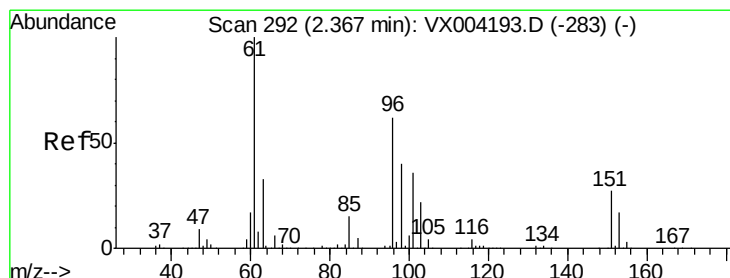
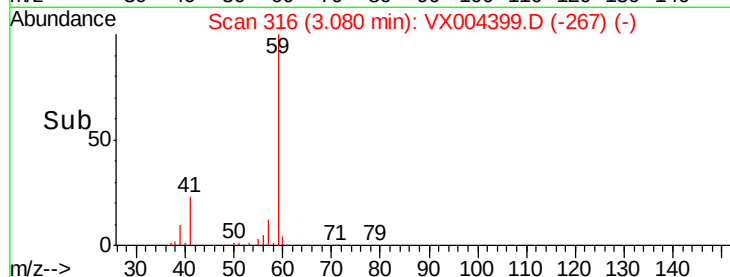
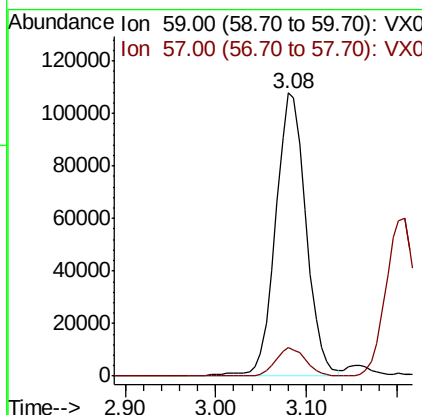
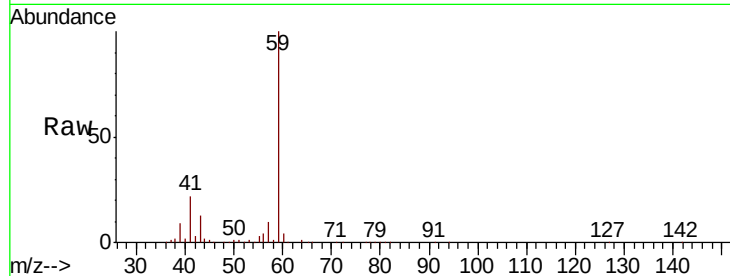
#11
Tert butyl alcohol
Concen: 279.45 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	250558
Ion Ratio	100	Lower	Upper
57	10.0	8.2	12.4

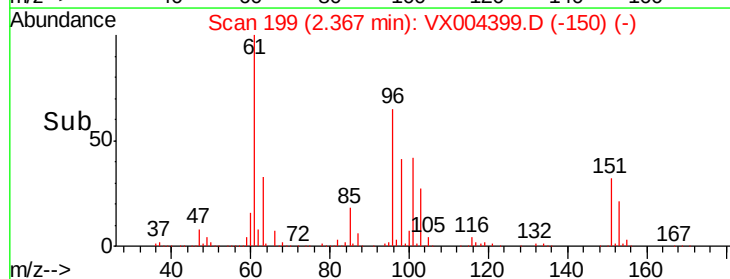
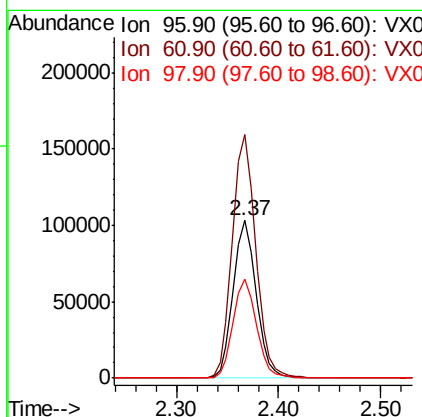
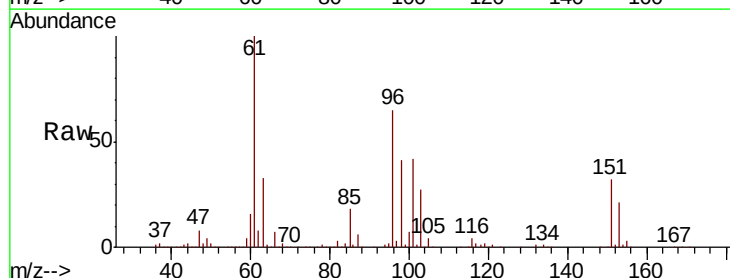
Manual Integrations
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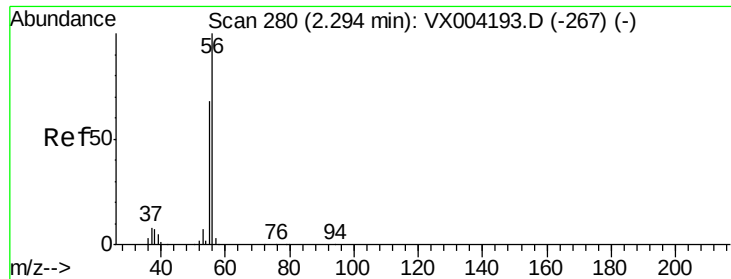
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.35 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion	96	Resp	161874
Ion Ratio	100	Lower	Upper
61	154.6	128.8	193.2
98	63.2	52.2	78.2





#13

Acrolein

Concen: 221.84 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 47955

Ion Ratio Lower Upper

56 100

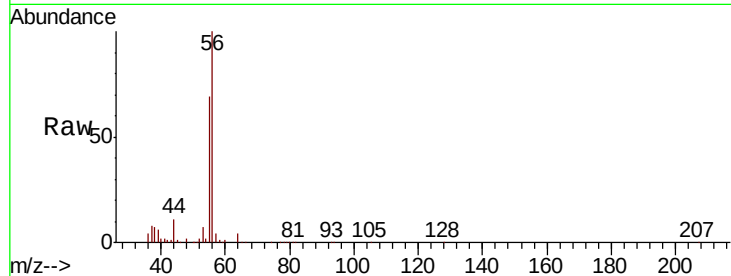
55 68.6 54.7 82.1

Manual Integrations

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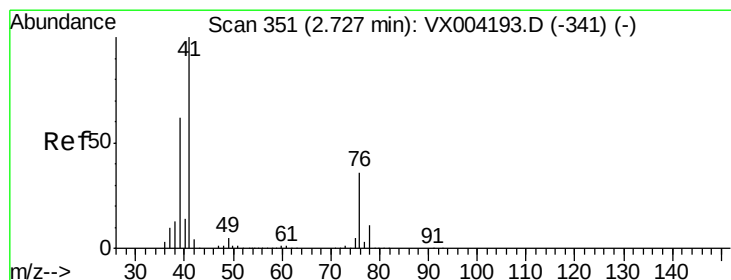
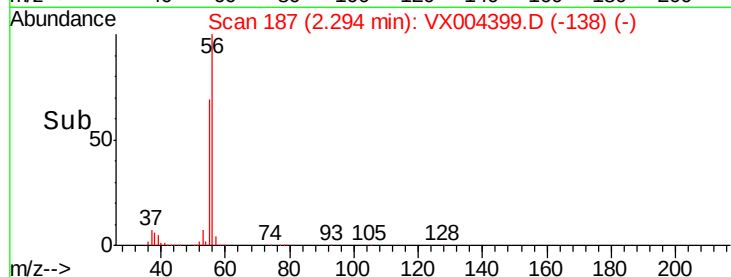
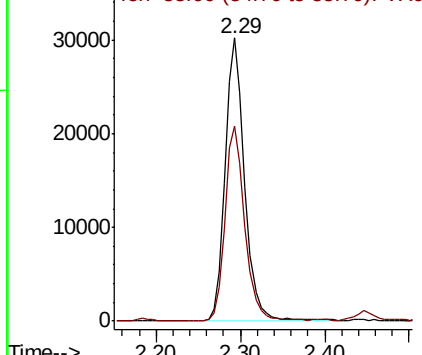
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.26 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

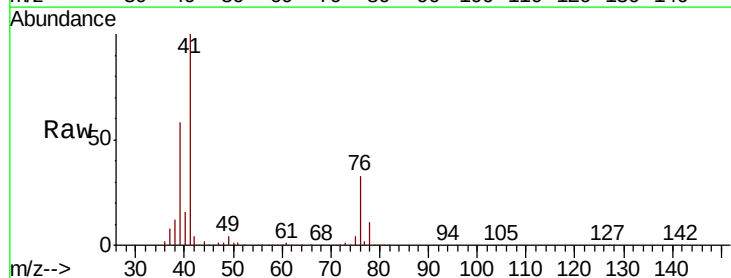
Tgt Ion: 41 Resp: 322002

Ion Ratio Lower Upper

41 100

39 57.1 48.9 73.3

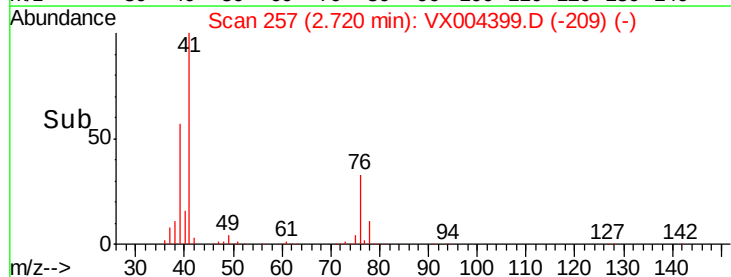
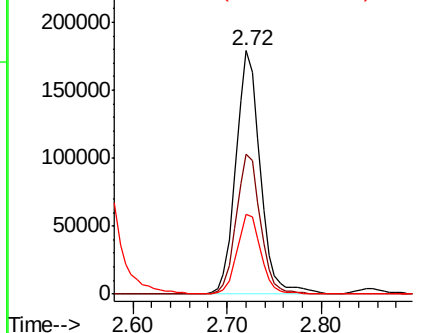
76 32.2 26.7 40.1

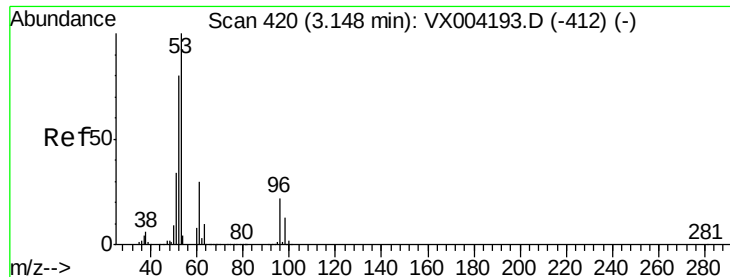


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 274.64 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

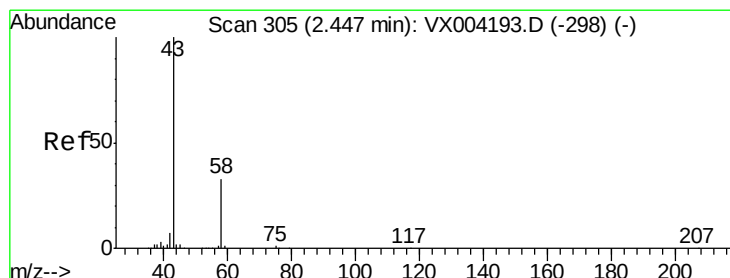
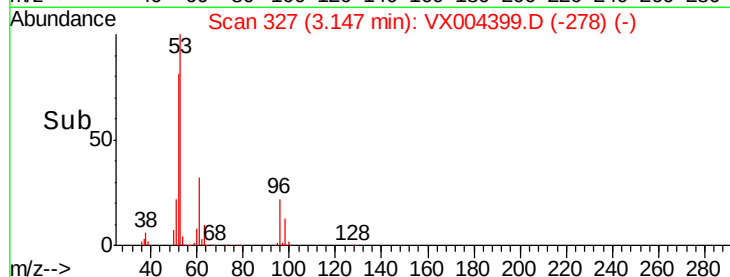
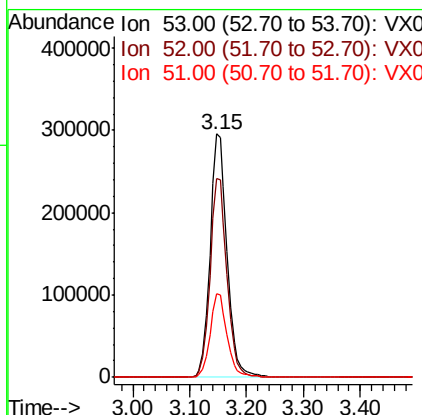
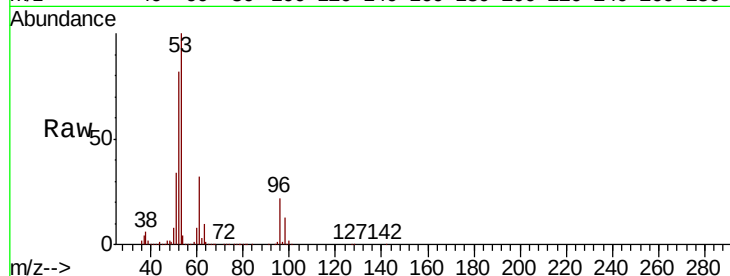
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	609848
Ion Ratio	Lower	Upper	
53	100		
52	81.4	65.2	97.8
51	34.5	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 282.22 ug/l

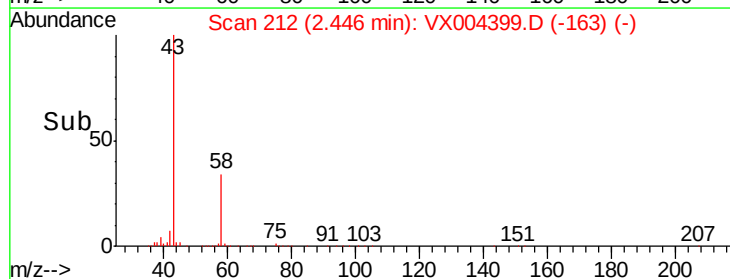
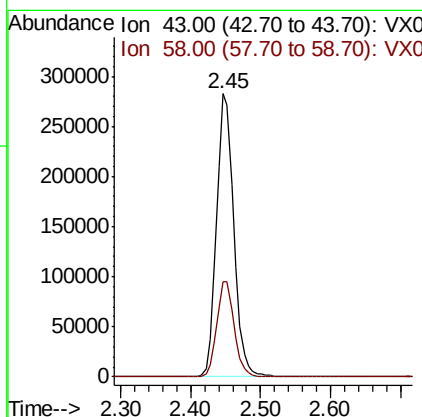
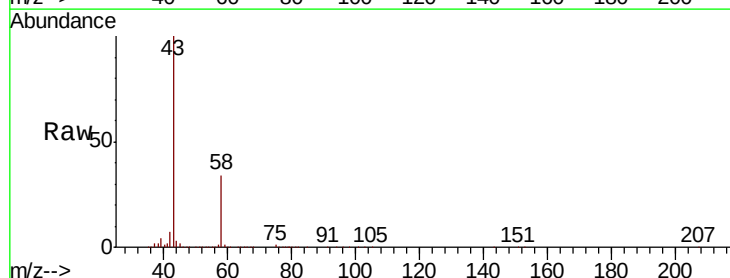
RT: 2.45 min Scan# 212

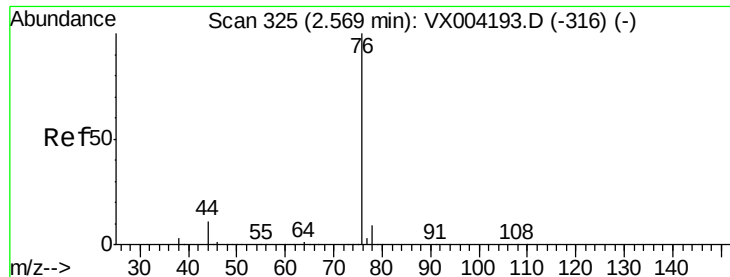
Delta R.T. 0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Tgt Ion:	43	Resp:	482800
Ion Ratio	Lower	Upper	
43	100		
58	33.7	26.2	39.4





#17

Carbon Disulfide

Concen: 40.44 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 382503

Ion Ratio Lower Upper

76 100

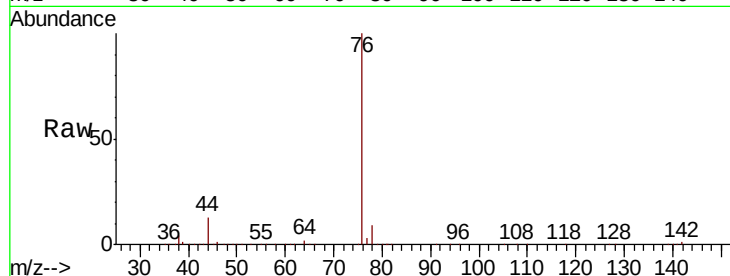
78 9.0 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

0

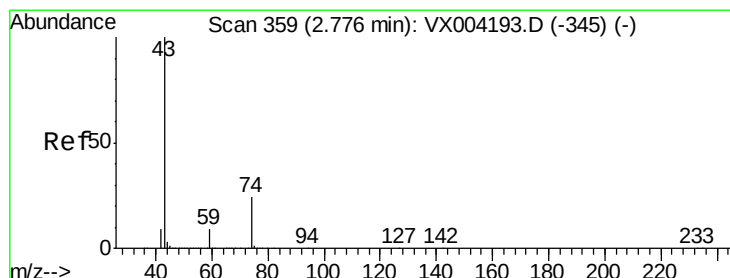
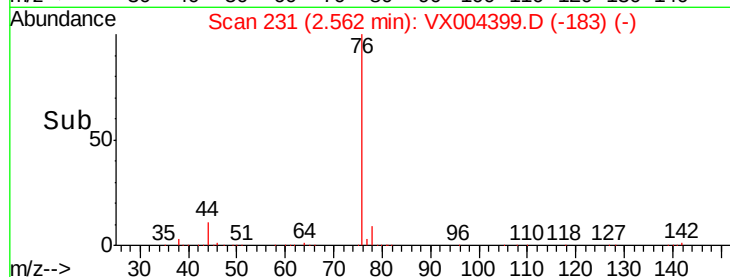
2.56

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 70.54 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004399.D

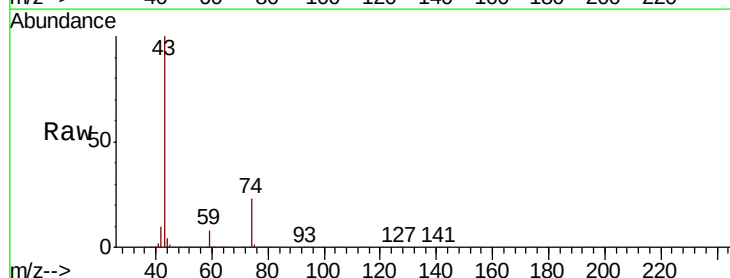
Acq: 06 Sep 2018 21:34

Tgt Ion: 43 Resp: 440301

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

250000

200000

150000

100000

50000

0

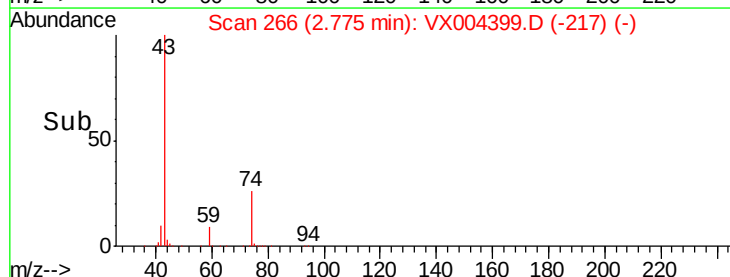
2.78

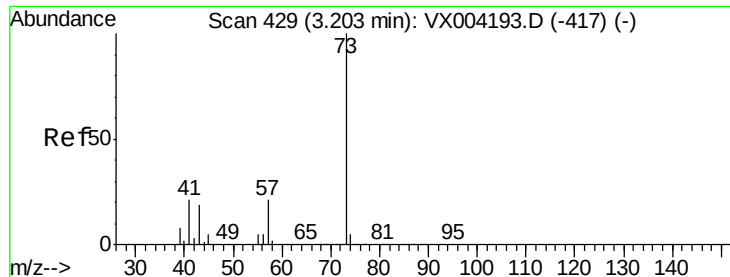
2.70

2.80

2.90

Time-->





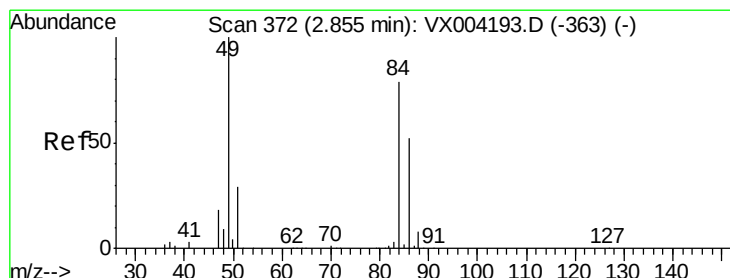
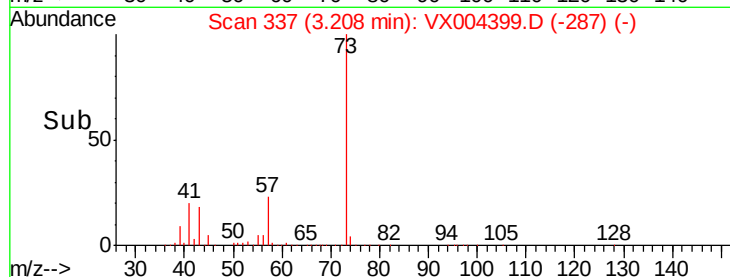
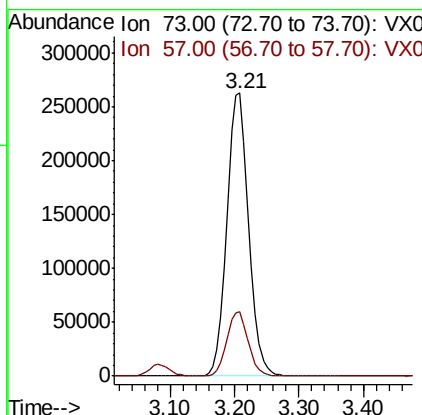
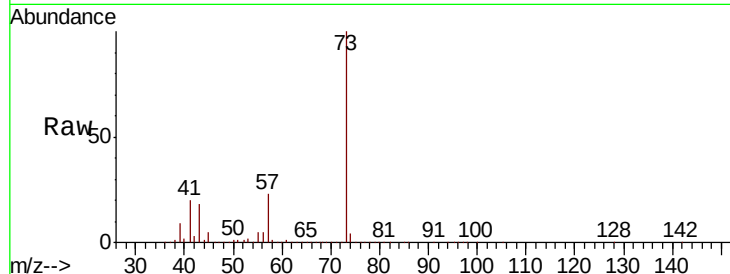
#19
Methyl tert-butyl Ether
Concen: 55.49 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 625169
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7

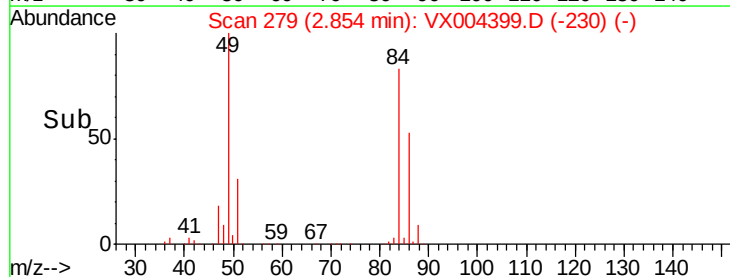
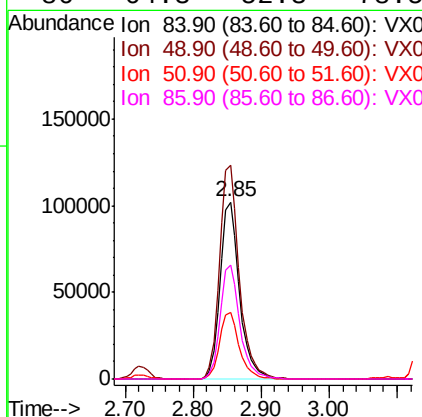
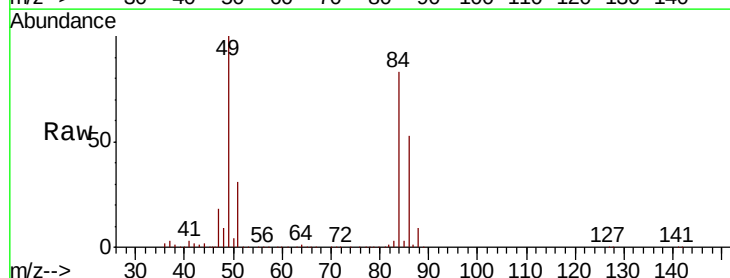
Manual Integrations
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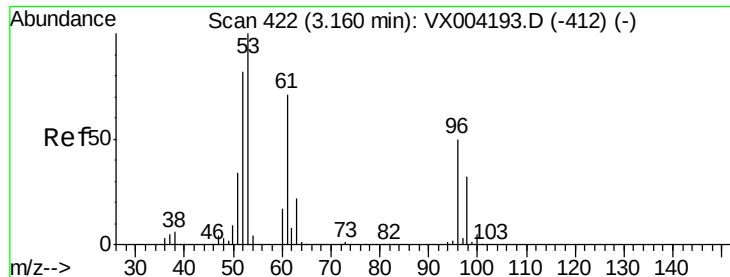
MMDadoda
9/7/2018 1:42:56 PM



#20
Methylene Chloride
Concen: 49.80 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion: 84 Resp: 201636
Ion Ratio Lower Upper
84 100
49 120.8 101.2 151.8
51 37.5 29.5 44.3
86 64.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.45 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

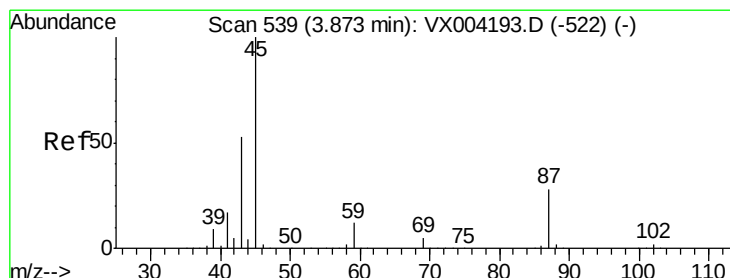
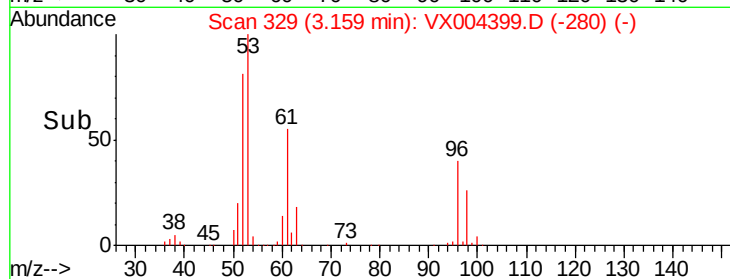
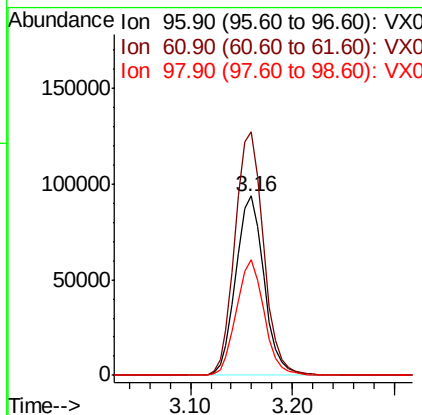
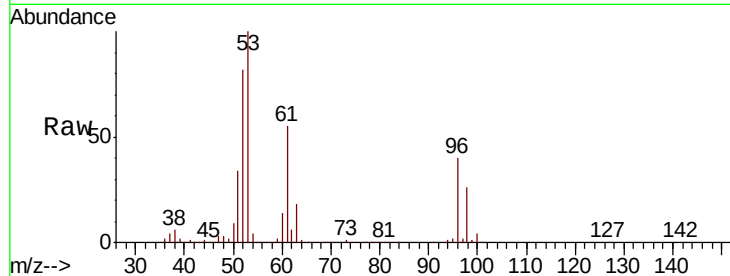
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	179561
Ion	Ratio	Lower	Upper
96	100		
61	135.6	113.8	170.6
98	64.6	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.09 ug/l

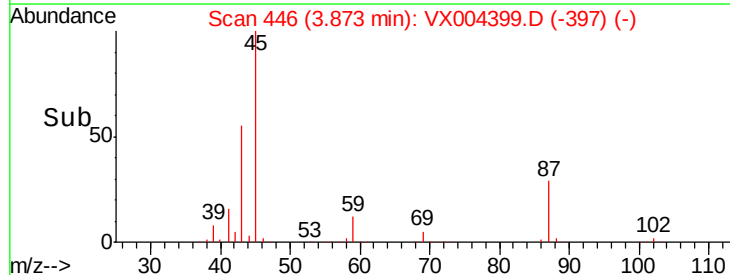
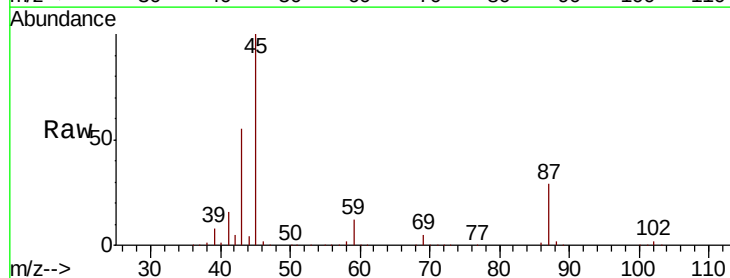
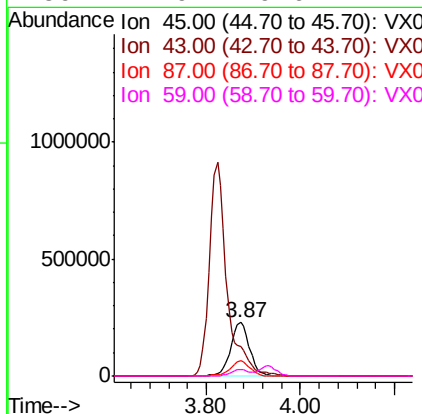
RT: 3.87 min Scan# 446

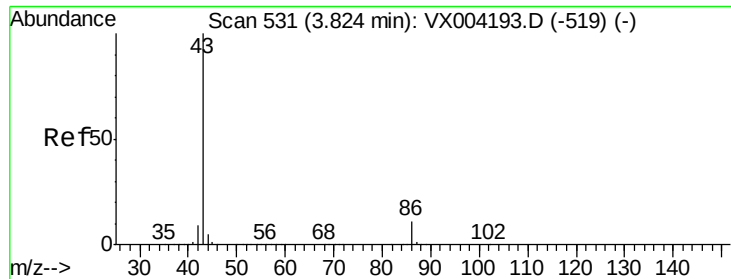
Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Tgt Ion:	45	Resp:	634324
Ion	Ratio	Lower	Upper
45	100		
43	54.5	42.8	64.2
87	28.9	22.6	34.0
59	11.9	9.6	14.4





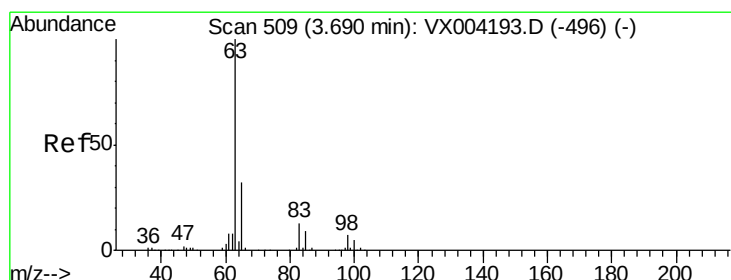
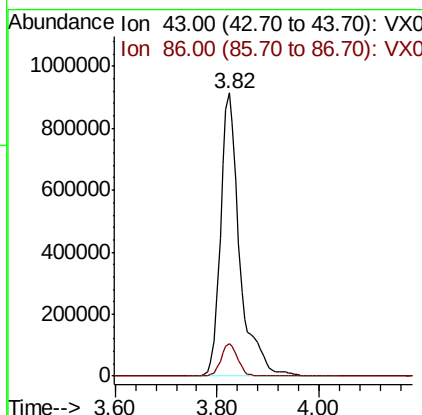
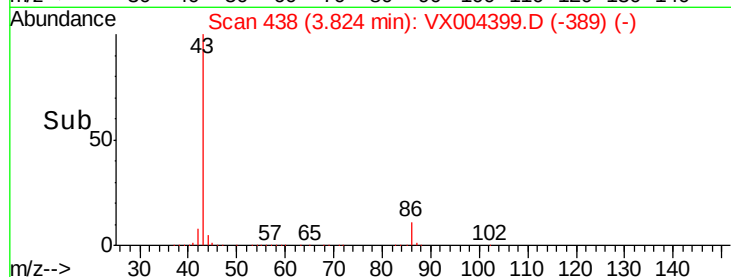
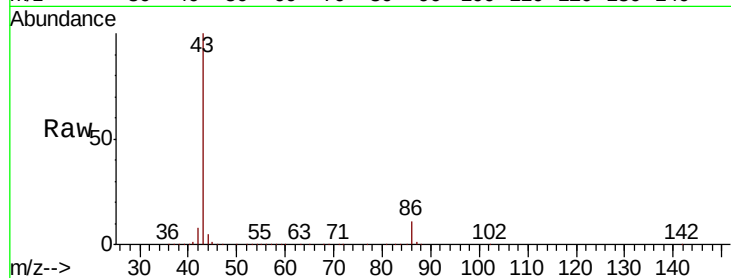
#23
 Vinyl Acetate
 Concen: 250.52 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2381300
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.9 13.3

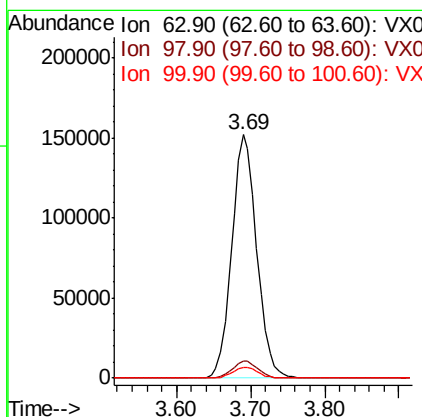
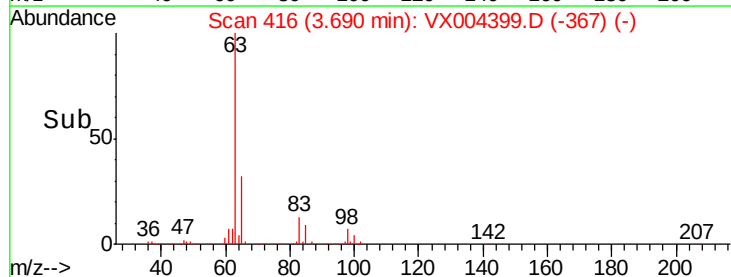
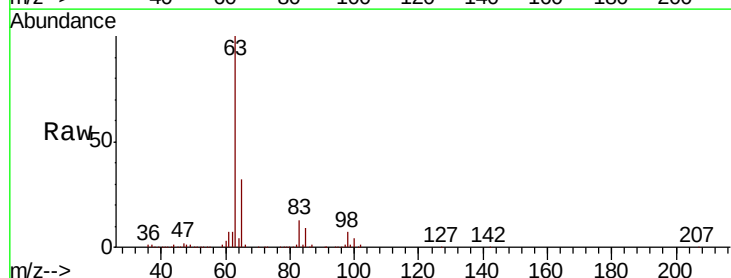
Manual Integrations
 APPROVED

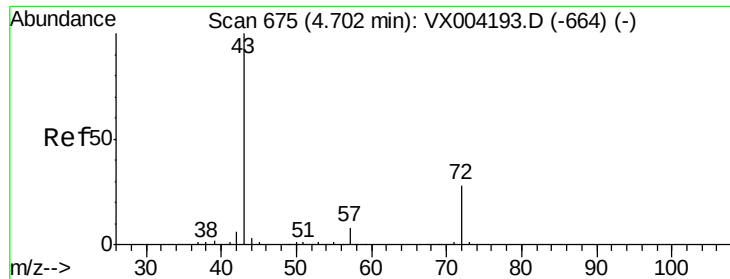
MMDadoda
 9/7/2018 1:42:56 PM



#24
 1,1-Dichloroethane
 Concen: 52.03 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Tgt Ion: 63 Resp: 355637
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.5 2.4 7.1





#25

2-Butanone

Concen: 277.61 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 781555

Ion Ratio Lower Upper

43 100

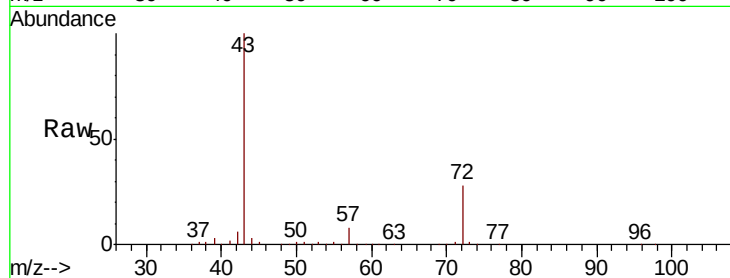
72 28.1 22.0 33.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

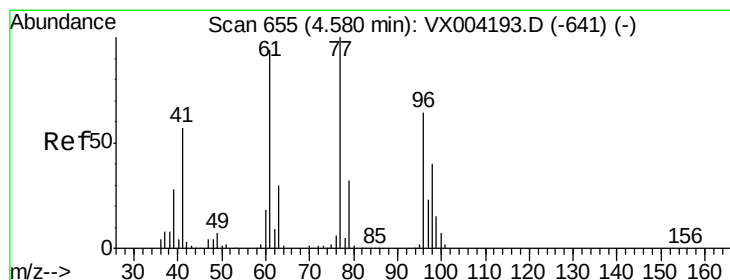
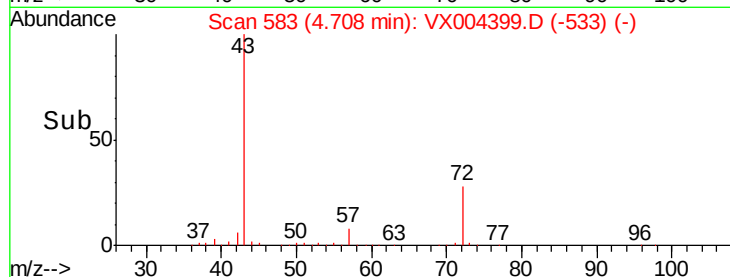
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.53 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004399.D

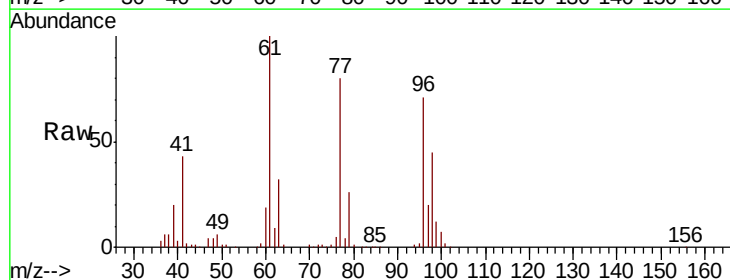
Acq: 06 Sep 2018 21:34

Tgt Ion: 77 Resp: 201169

Ion Ratio Lower Upper

77 100

97 25.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

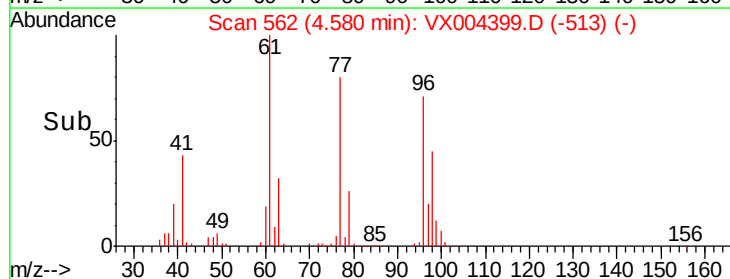
40000

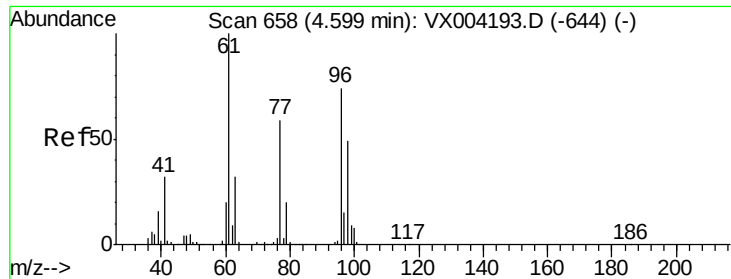
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.86 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

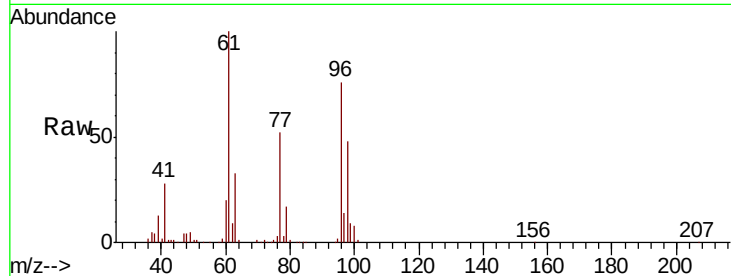
ClientSampleId :

VSTDCCC050EC

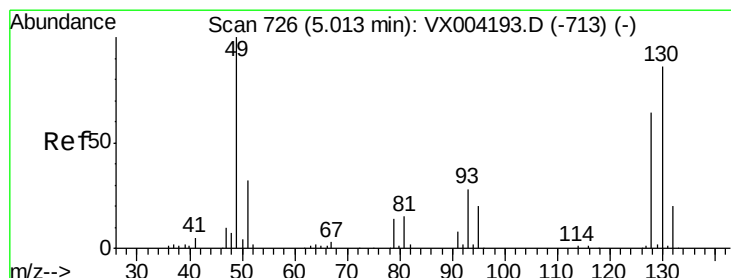
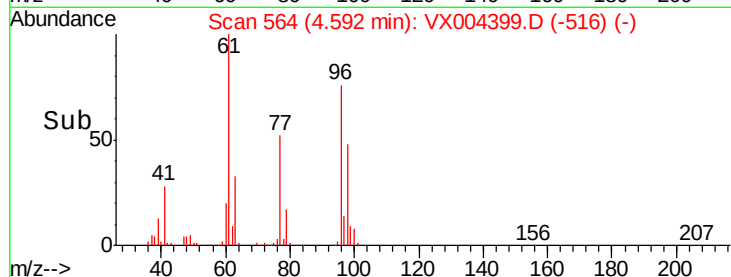
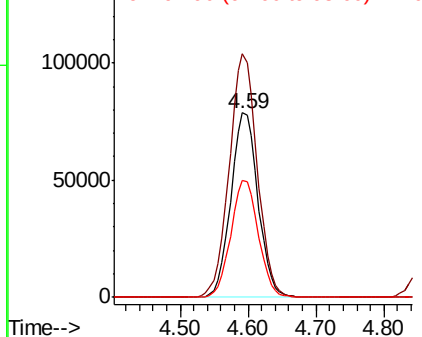
Tot Ion:	96	Resp:	218283
Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	282.6
98	64.4	0.0	130.2

Manual Integrations
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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



#28

Bromochloromethane

Concen: 52.94 ug/l

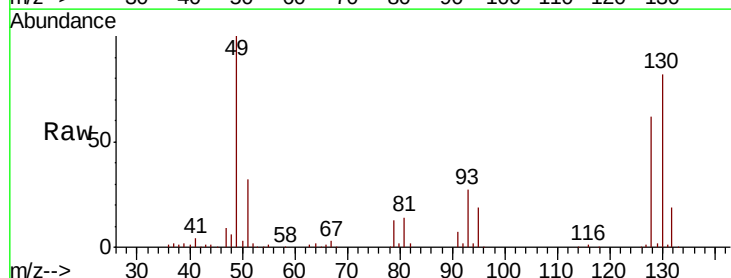
RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

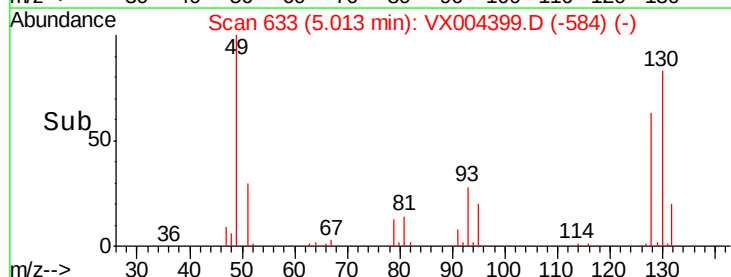
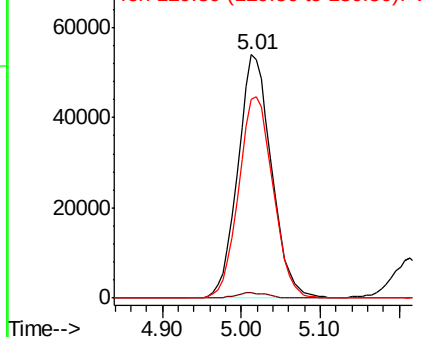
Lab File: VX004399.D

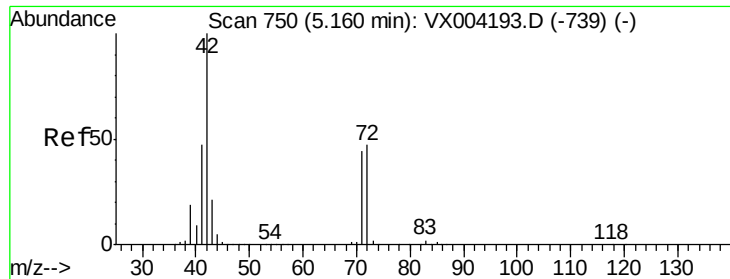
Acq: 06 Sep 2018 21:34

Tgt Ion:	49	Resp:	160193
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	84.5	67.5	101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 276.43 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

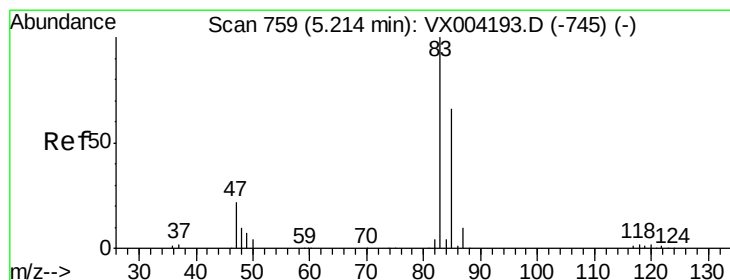
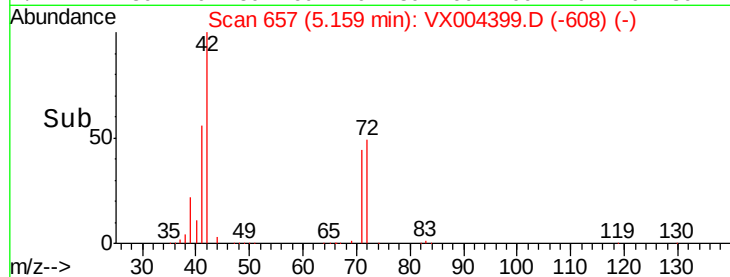
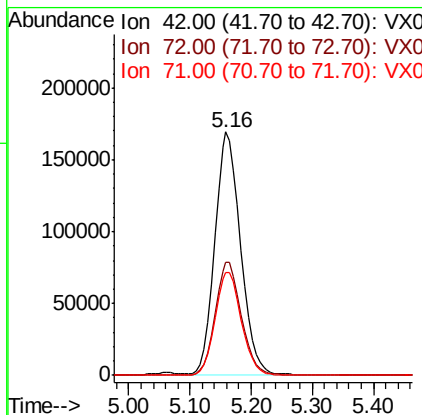
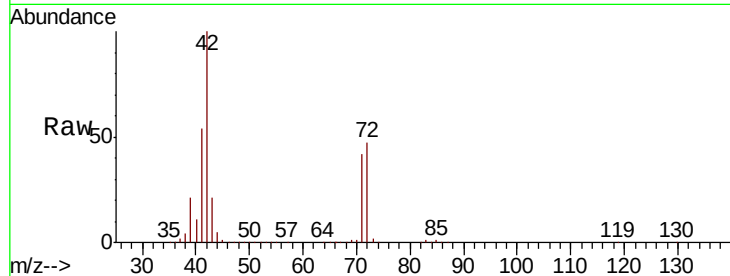
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	499570
Ion Ratio	Lower	Upper	
42	100		
72	47.2	37.4	56.0
71	43.2	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 51.71 ug/l

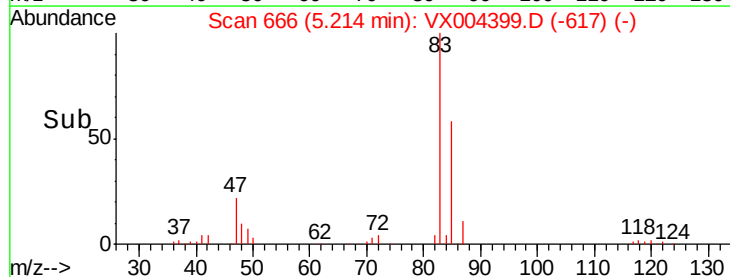
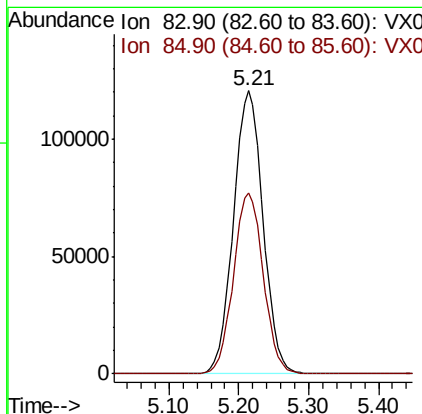
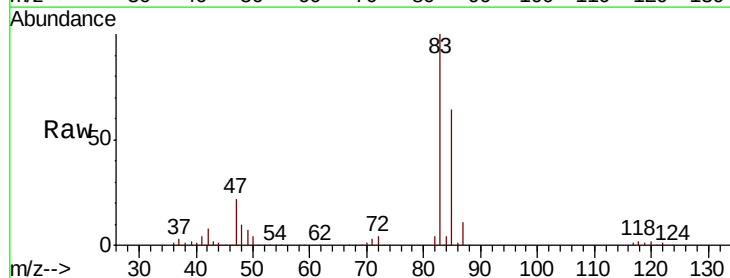
RT: 5.21 min Scan# 666

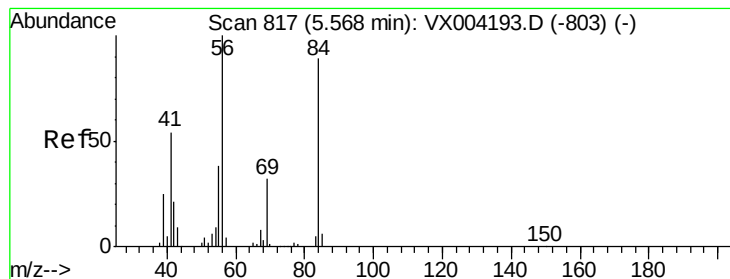
Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Tgt Ion:	83	Resp:	354353
Ion Ratio	Lower	Upper	
83	100		
85	64.0	52.6	79.0





#31

Cyclohexane

Concen: 45.57 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

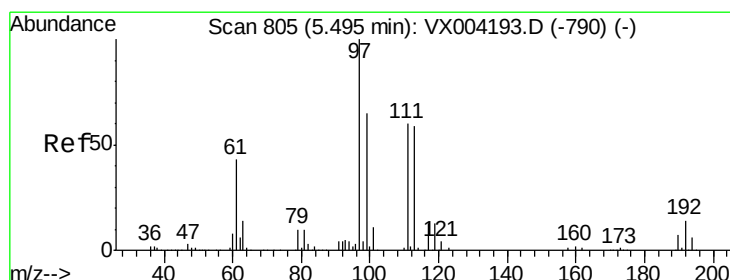
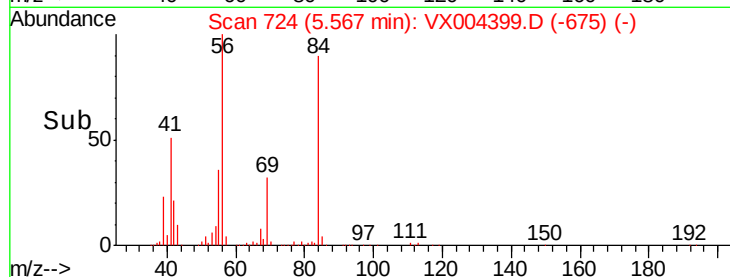
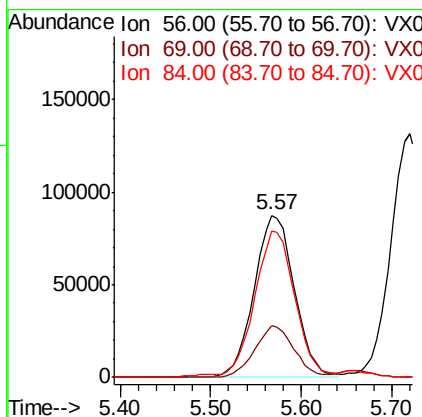
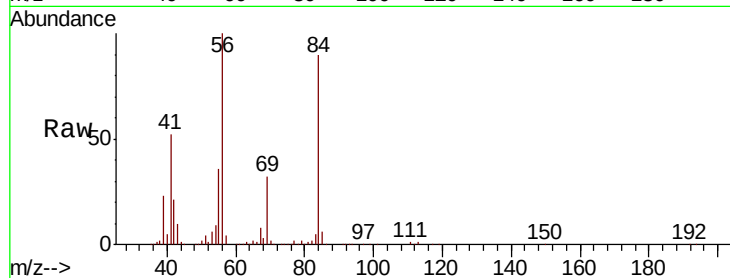
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	268747
Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.4	38.2
84	89.0	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.24 ug/l

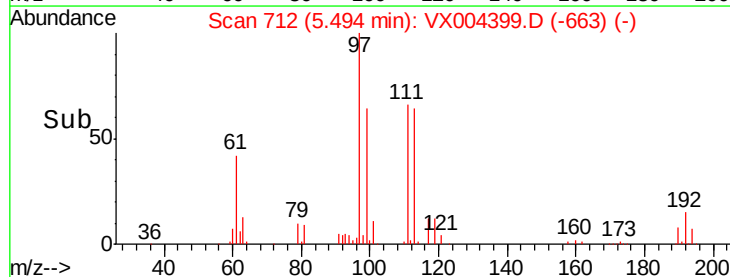
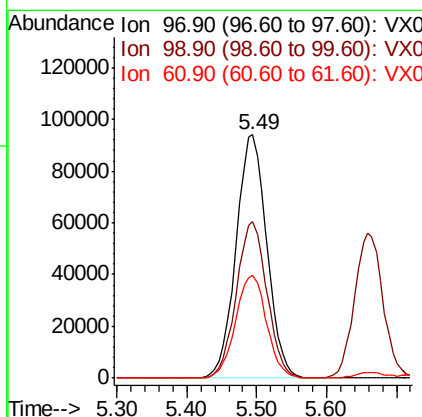
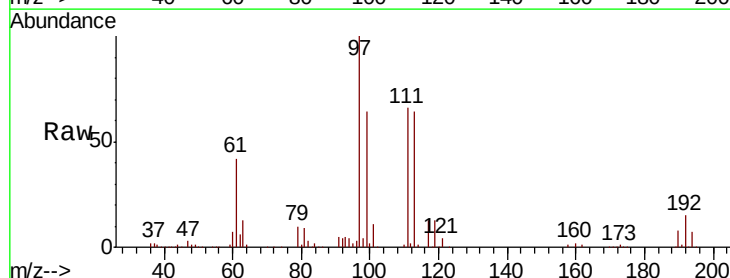
RT: 5.49 min Scan# 712

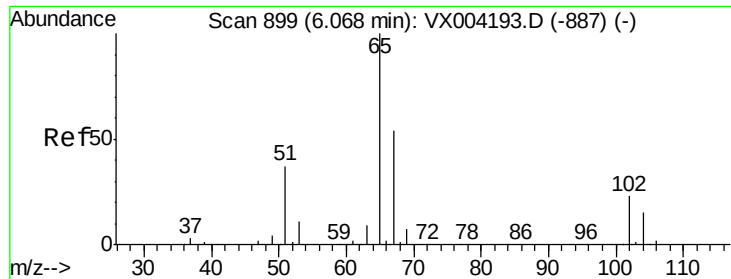
Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Tgt Ion:	97	Resp:	287080
Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.0	78.0
61	42.9	34.9	52.3





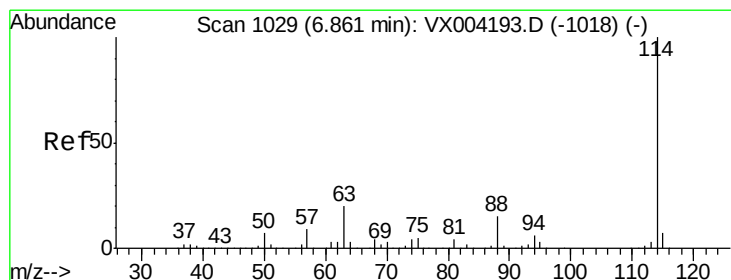
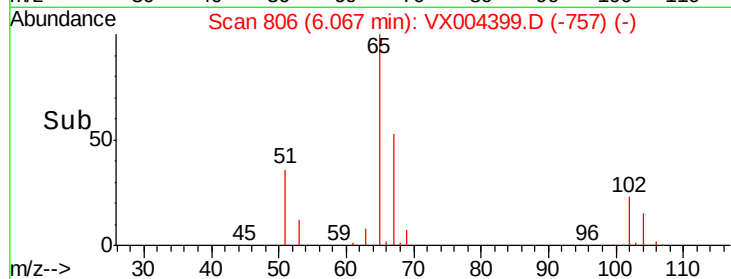
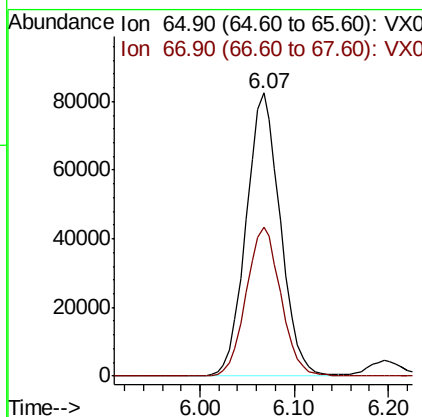
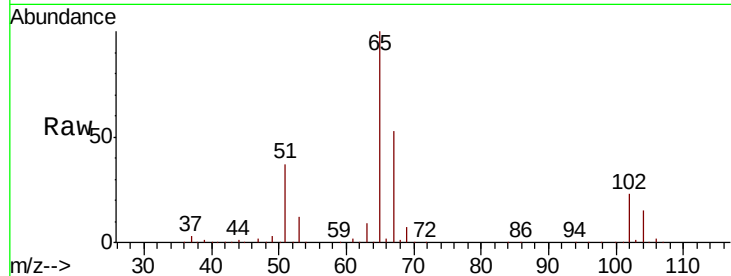
#33
 1,2-Dichloroethane-d4
 Concen: 49.88 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 209803
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8

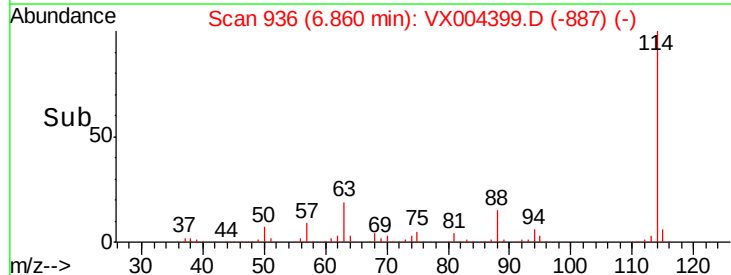
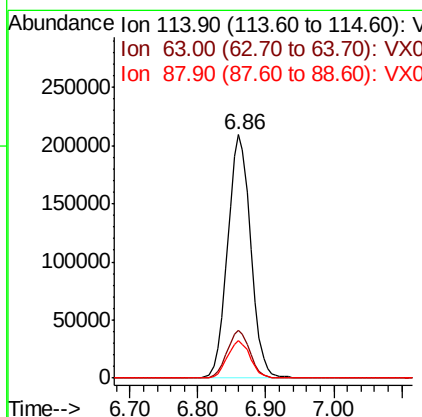
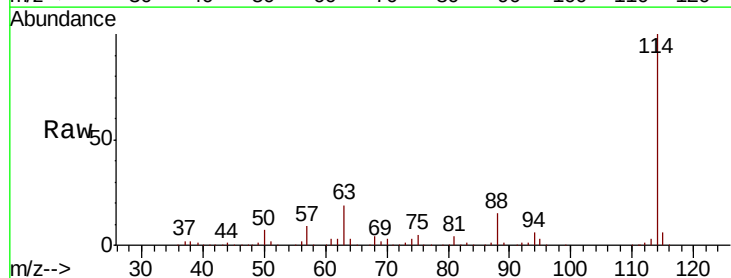
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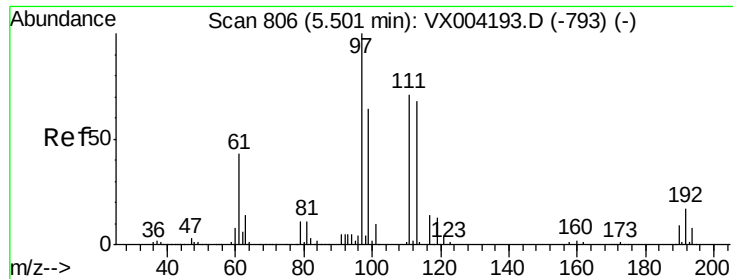
MMDadoda
 9/7/2018 1:42:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Tgt Ion: 114 Resp: 490114
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.5 0.0 30.4





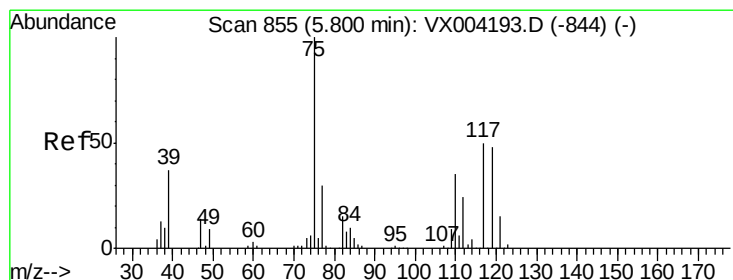
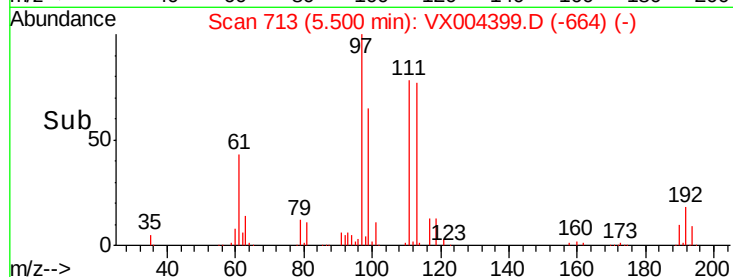
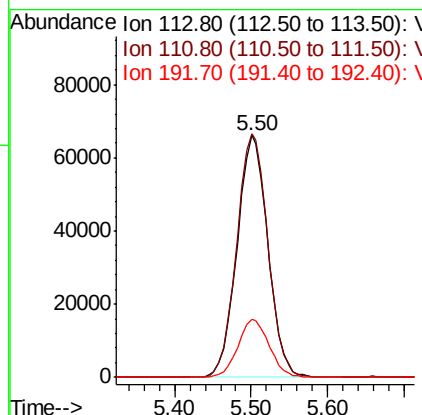
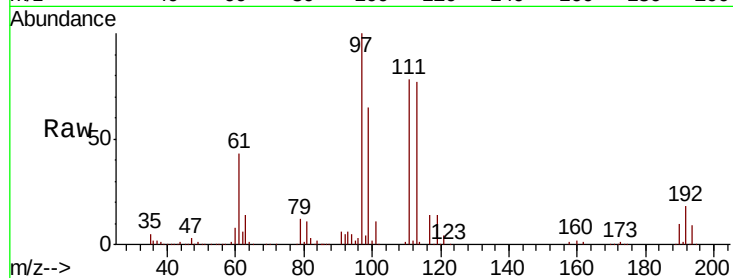
#35
 Dibromofluoromethane
 Concen: 50.50 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	184136		
111	102.3	82.4	123.6	
192	24.2	19.4	29.2	

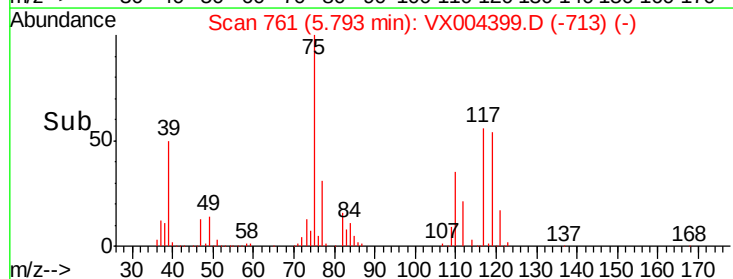
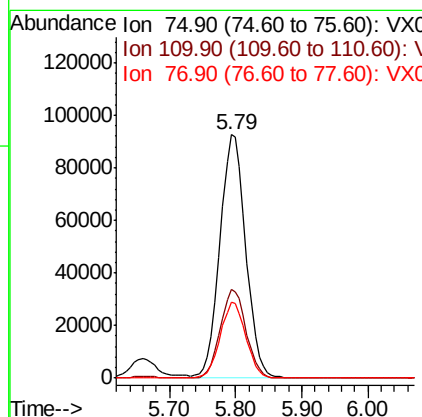
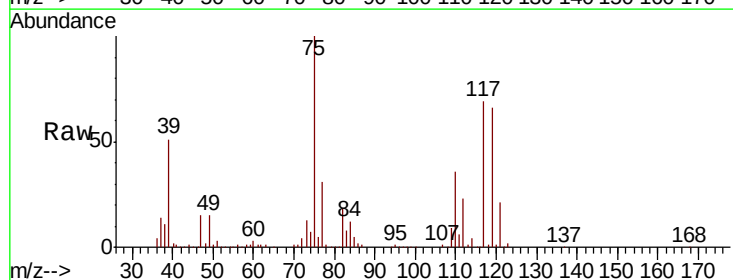
Manual Integrations
 APPROVED

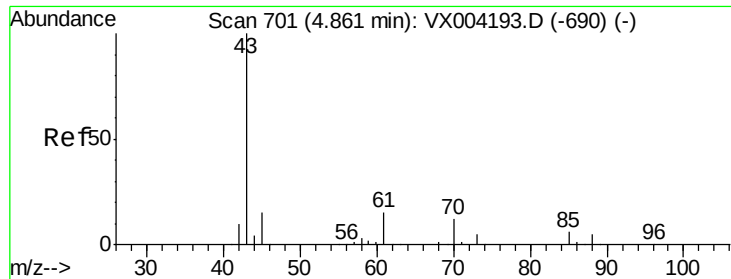
MMDadoda
 9/7/2018 1:42:56 PM



#36
 1,1-Dichloropropene
 Concen: 45.39 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	250079		
110	36.5	18.0	54.0	
77	30.5	24.6	36.8	





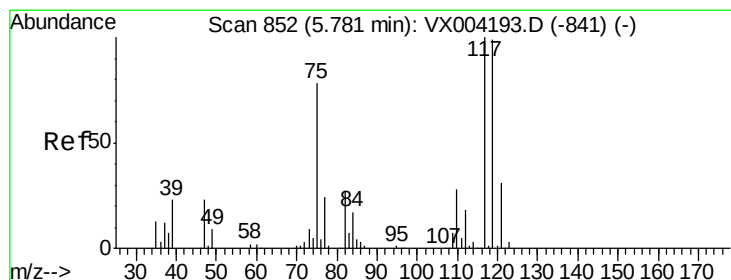
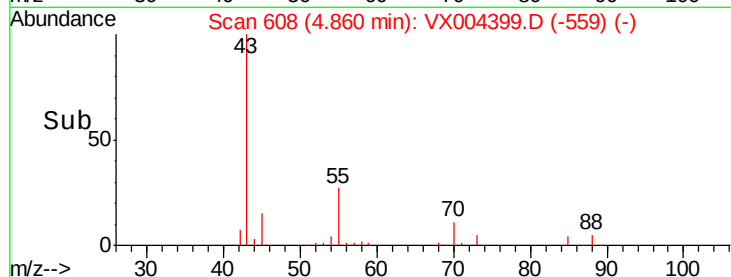
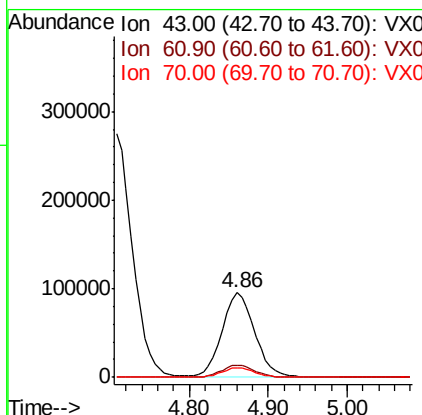
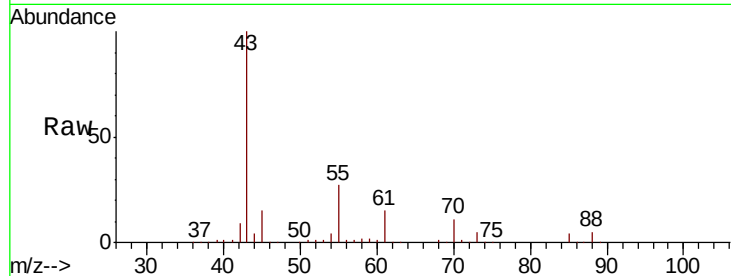
#37
Ethyl Acetate
Concen: 50.92 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.5	17.3
70	11.6	9.0	13.6

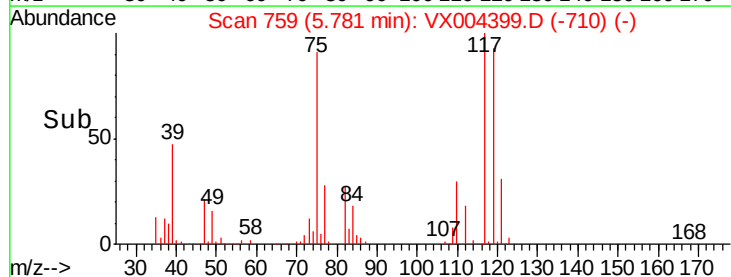
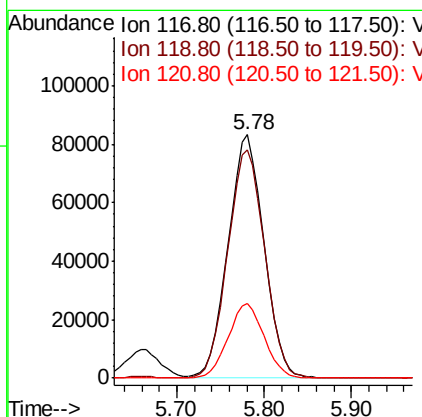
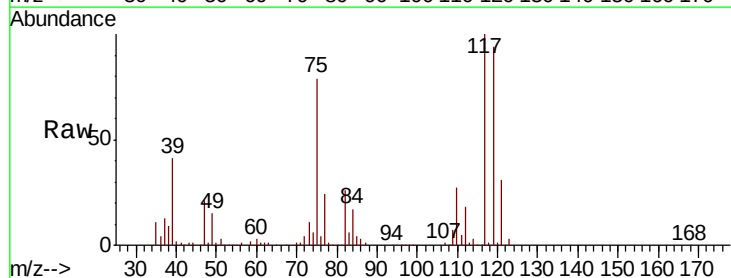
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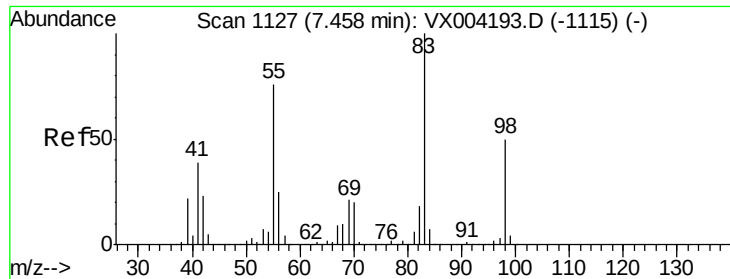
MMDadoda
9/7/2018 1:42:56 PM



#38
Carbon Tetrachloride
Concen: 45.84 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	78.8	118.2
121	30.8	24.9	37.3





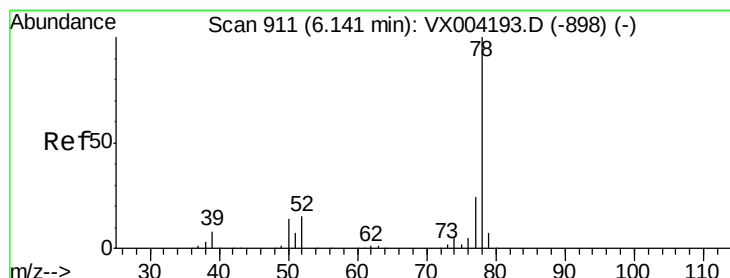
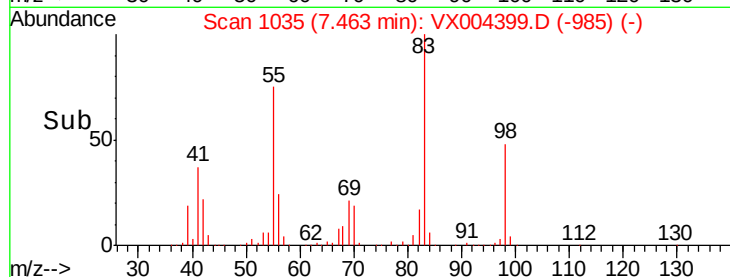
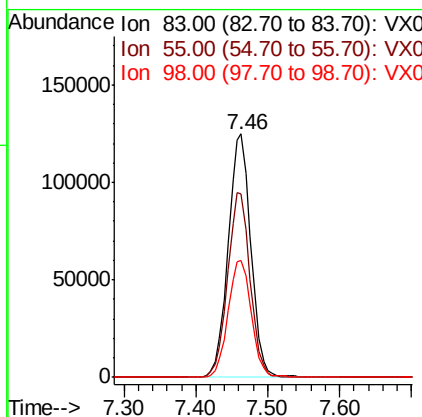
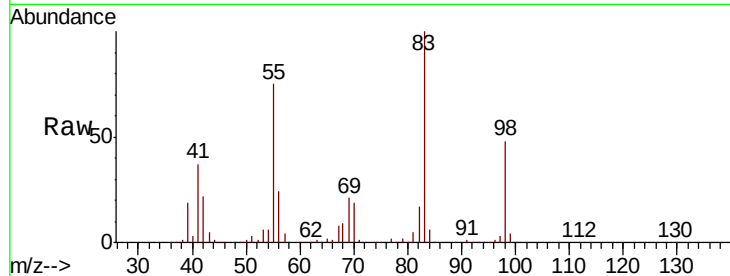
#39
Methylvlcyclohexane
Concen: 43.41 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	273100		
55	75.2		61.0	91.4
98	48.1		39.6	59.4

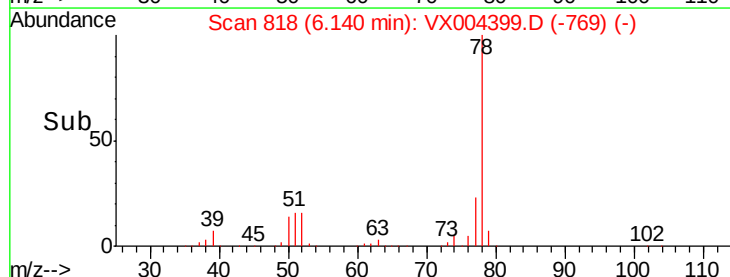
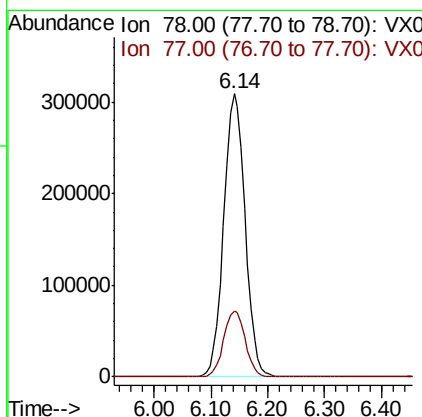
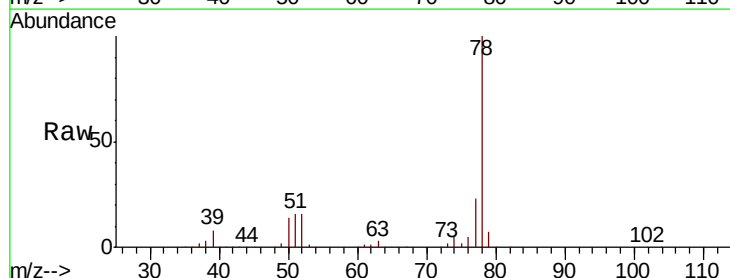
Manual Integrations
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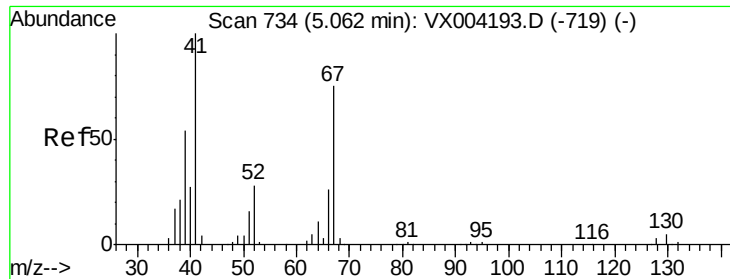
MMDadoda
9/7/2018 1:42:56 PM



#40
Benzene
Concen: 49.00 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	806810		
77	23.4		19.0	28.4





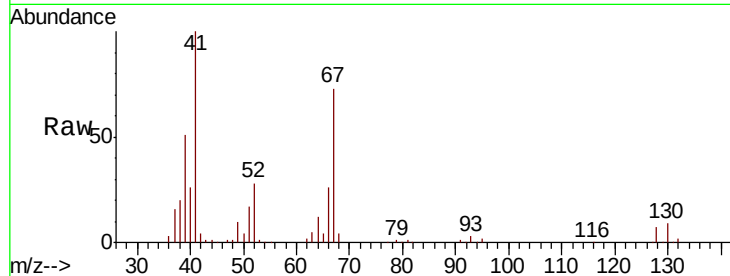
#41
Methacrylonitrile
Concen: 53.35 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

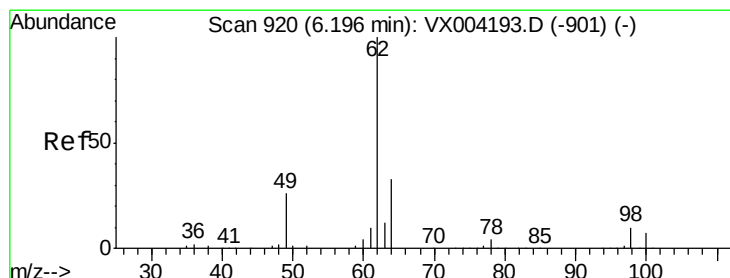
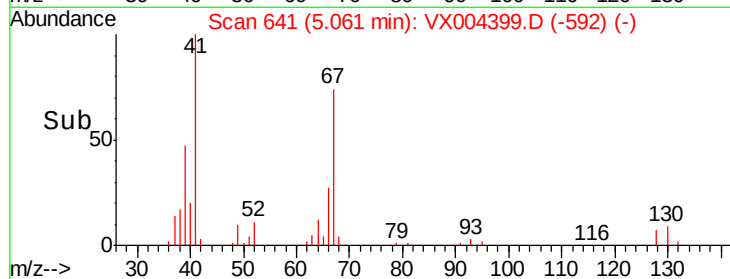
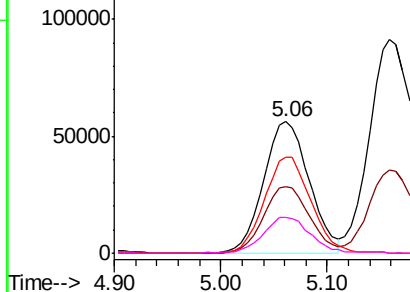
Tot Ion	Ratio	Lower	Upper
41	100		
39	50.9	42.4	63.6
67	74.8	59.2	88.8
52	27.6	23.0	34.4

Manual Integrations
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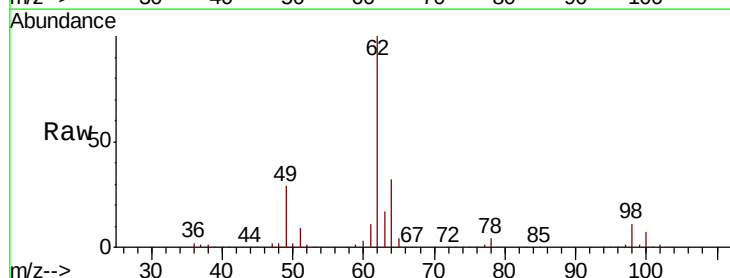


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

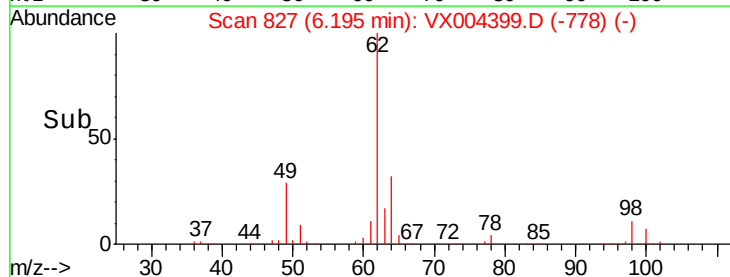
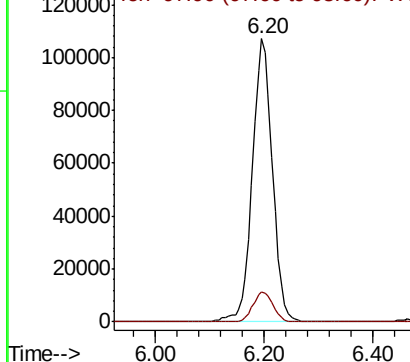


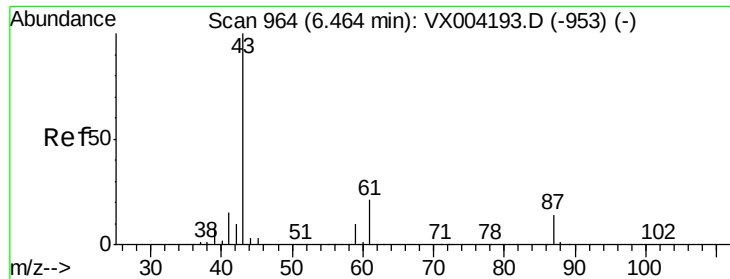
#42
1,2-Dichloroethane
Concen: 48.74 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

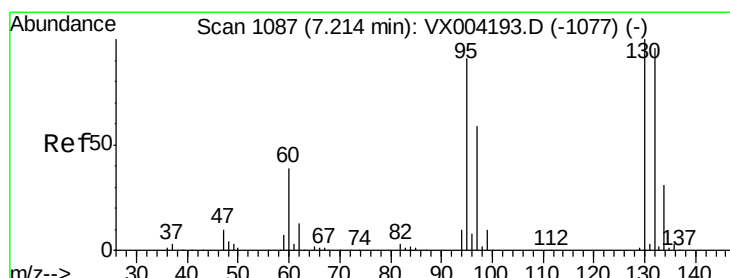
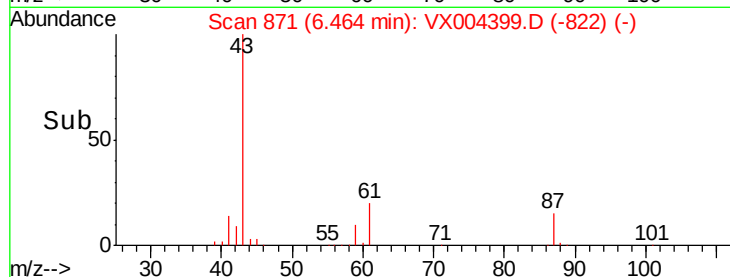
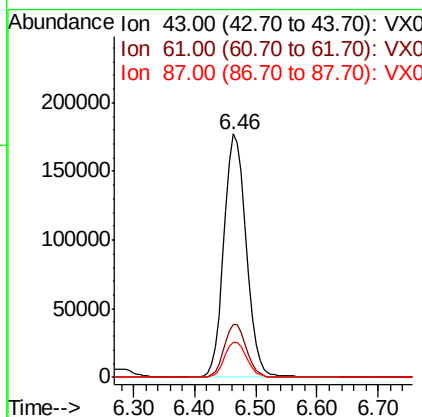
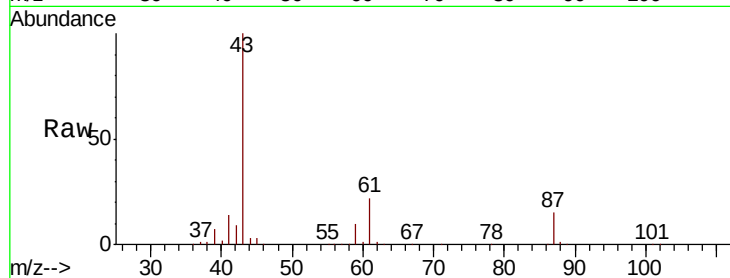
Isopropyl Acetate
 Concen: 53.53 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.0	25.4
87	14.6	11.4	17.2

Manual Integrations
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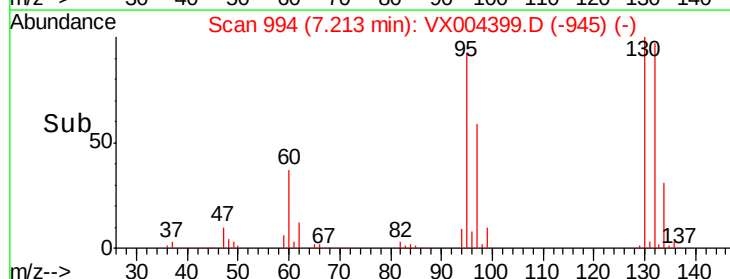
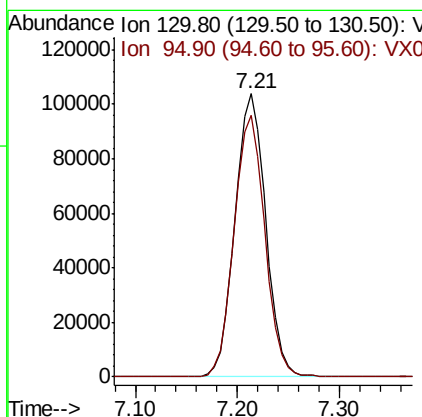
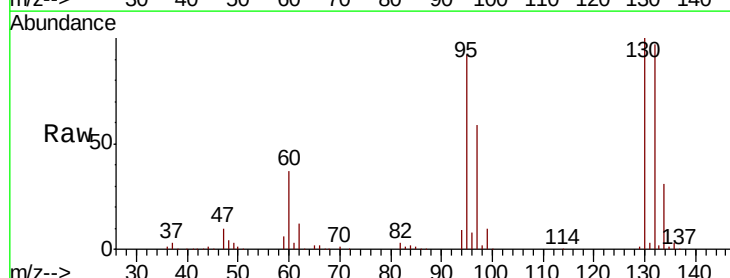
MMDadoda
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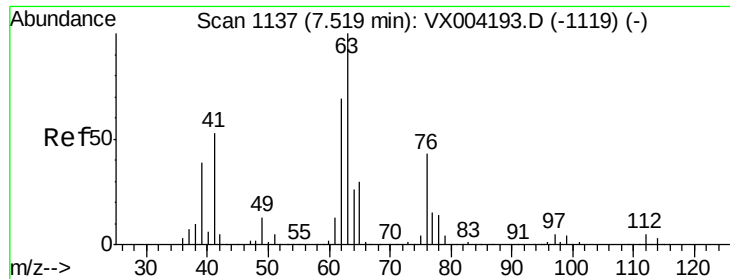


#44

Trichloroethene
 Concen: 47.55 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	181.6





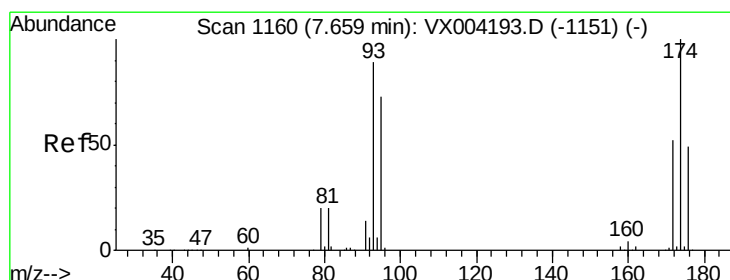
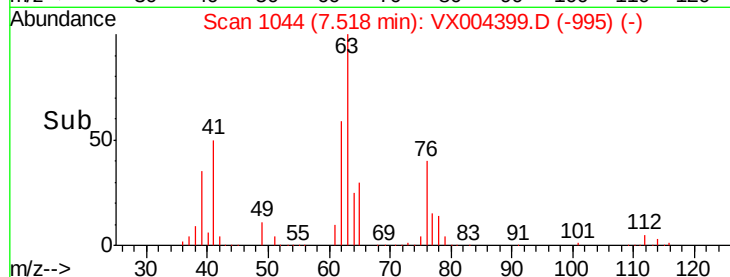
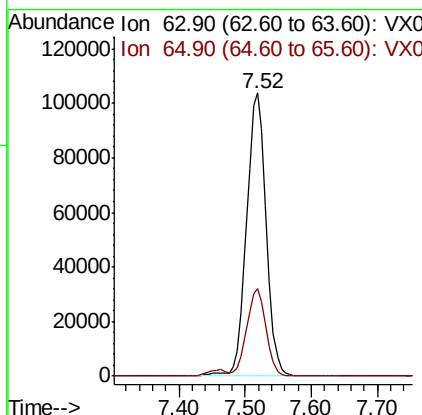
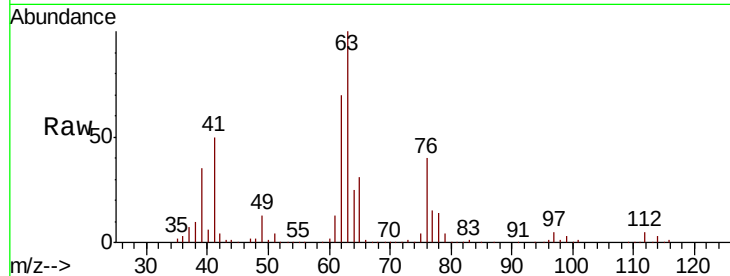
#45
 1,2-Dichloropropane
 Concen: 51.92 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 213927
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5

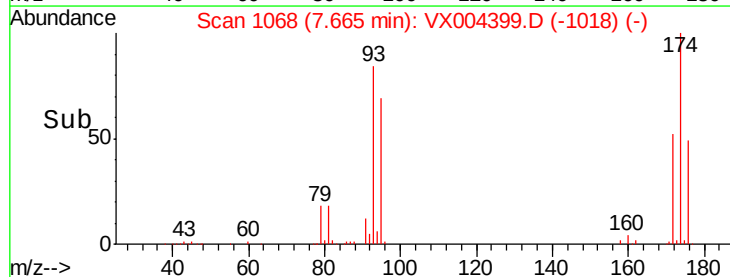
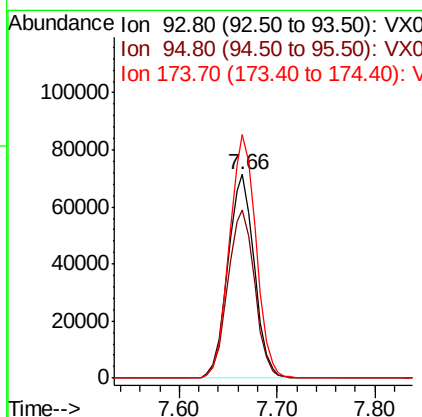
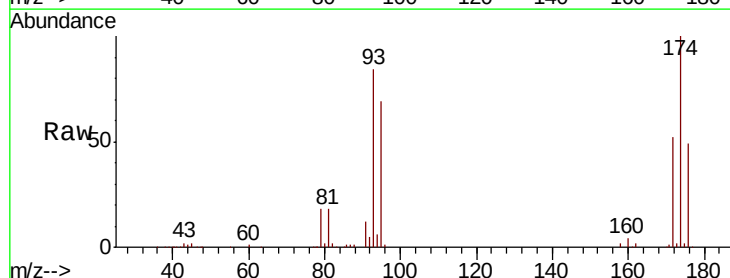
Manual Integrations
 APPROVED

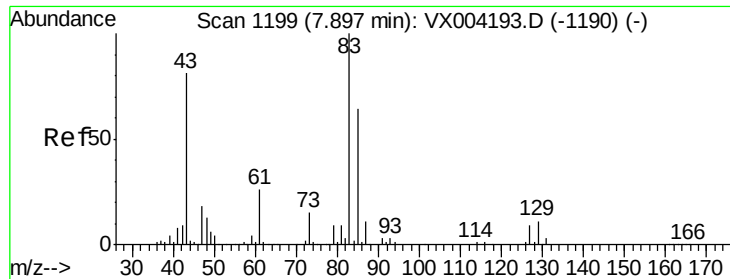
MMDadoda
 9/7/2018 1:42:56 PM



#46
 Dibromomethane
 Concen: 48.75 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Tgt Ion: 93 Resp: 133766
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.5 98.3
 174 120.4 94.2 141.4





#47

Bromodichloromethane

Concen: 50.67 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

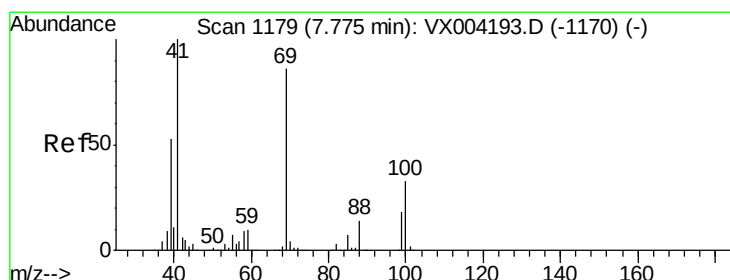
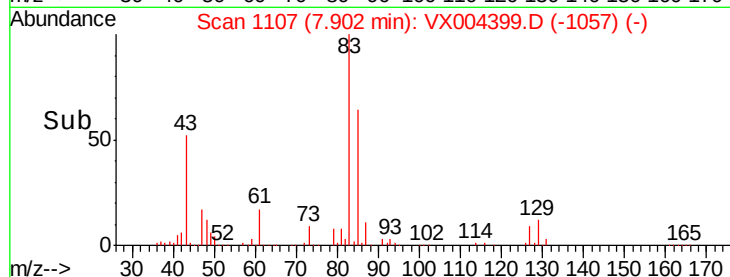
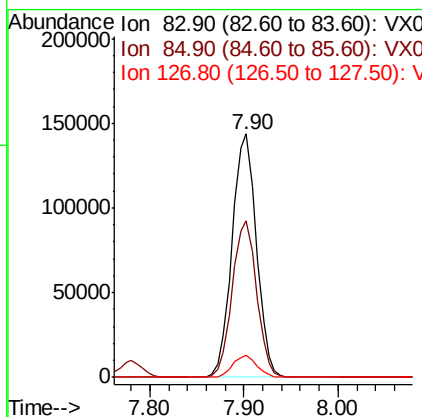
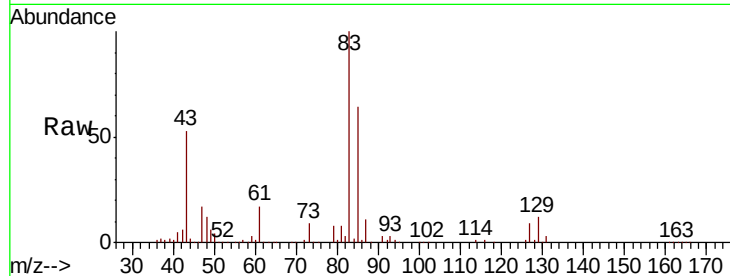
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	258687
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.9	76.3
127	8.9	7.3	10.9

Manual Integrations
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MMDadoda
9/7/2018 1:42:56 PM



#48

Methyl methacrylate

Concen: 53.51 ug/l

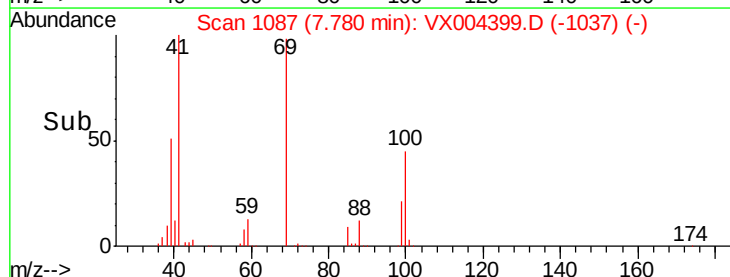
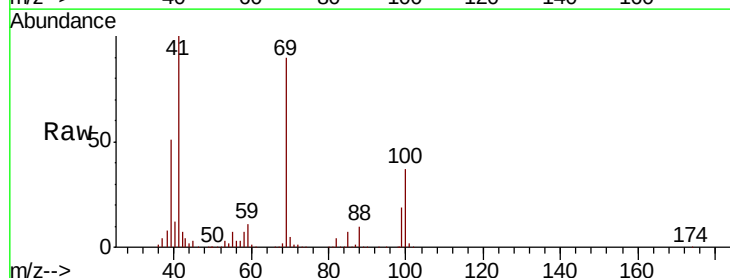
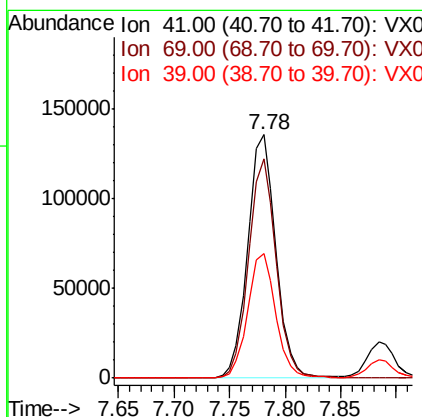
RT: 7.78 min Scan# 1087

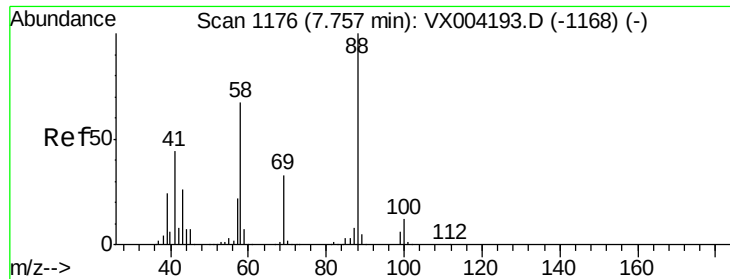
Delta R.T. 0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Tgt Ion:	41	Resp:	238422
Ion Ratio	Lower	Upper	
41	100		
69	88.7	70.2	105.4
39	51.0	42.7	64.1





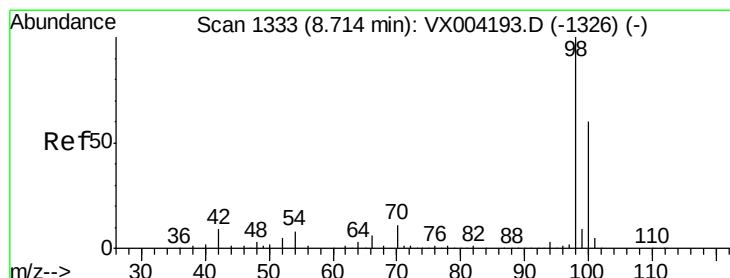
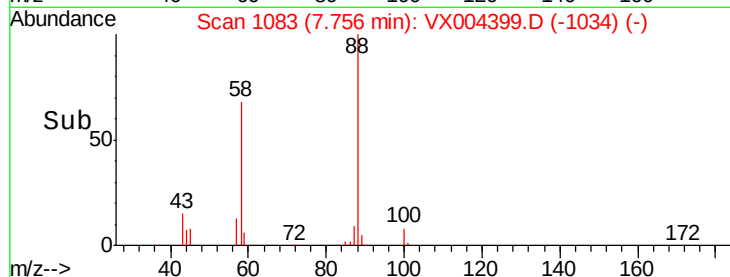
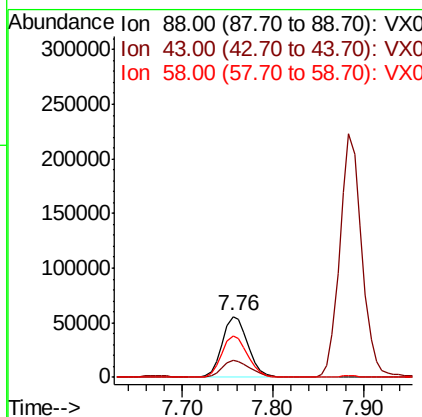
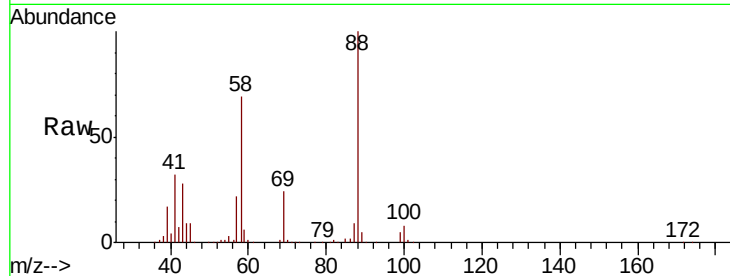
#49
1,4-Dioxane
Concen: 1084.20 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	24.7	37.1
58	69.3	55.3	82.9

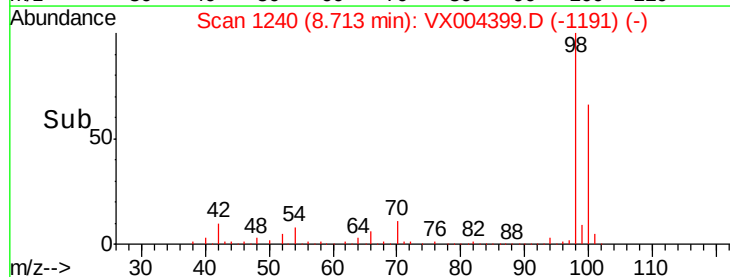
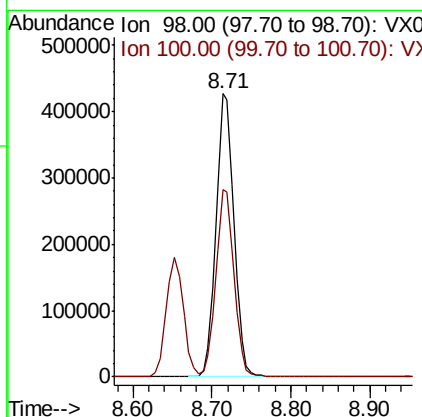
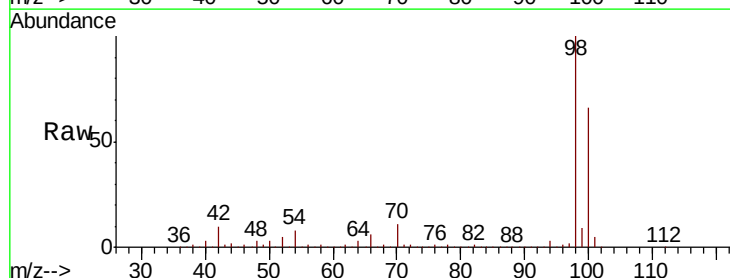
Manual Integrations
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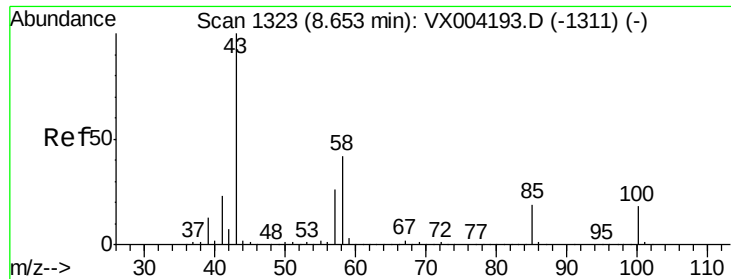
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#50
Toluene-d8
Concen: 49.14 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 255.38 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1545074

Ion Ratio Lower Upper

43 100

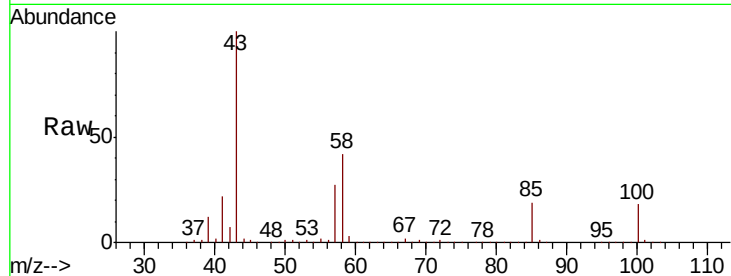
58 41.9 33.1 49.7

Manual Integrations

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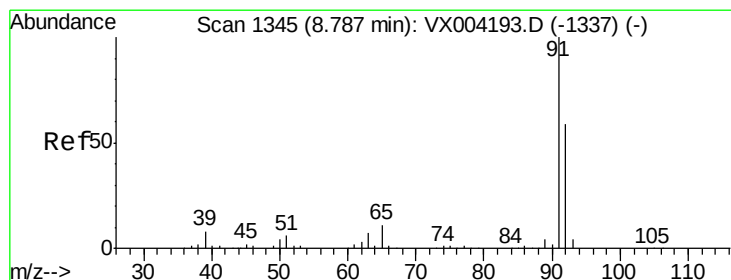
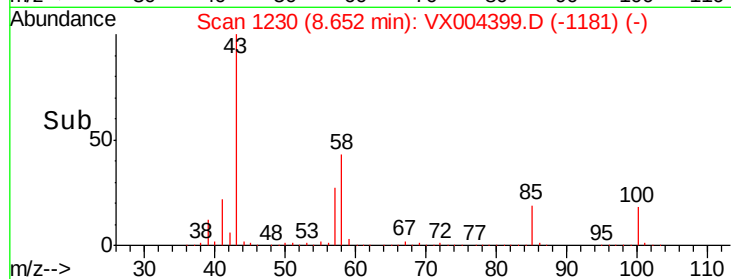
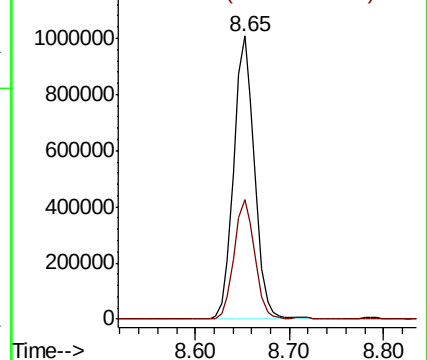
MMDadoda

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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: 49.59 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004399.D

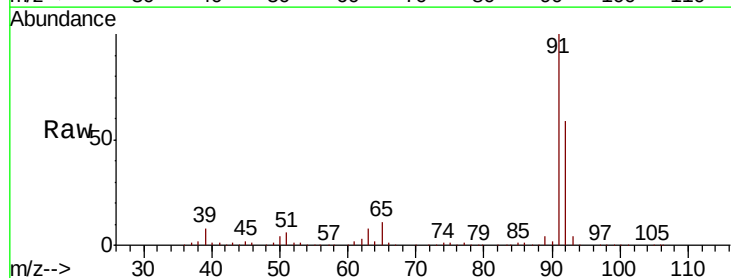
Acq: 06 Sep 2018 21:34

Tgt Ion: 92 Resp: 511109

Ion Ratio Lower Upper

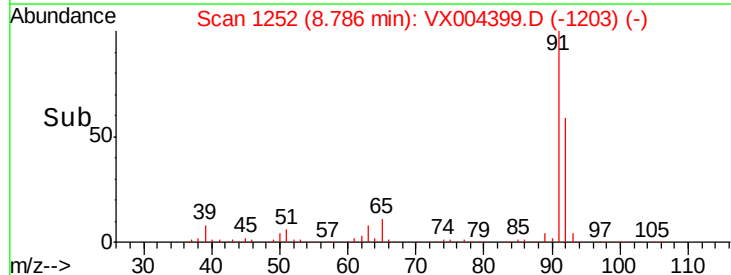
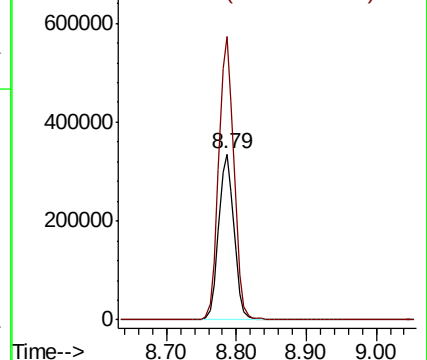
92 100

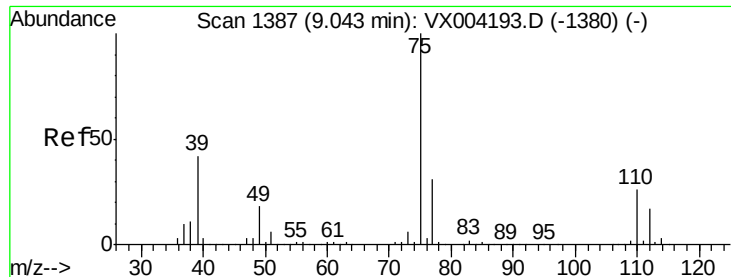
91 170.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





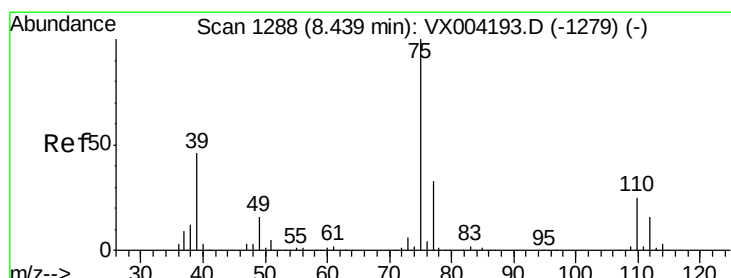
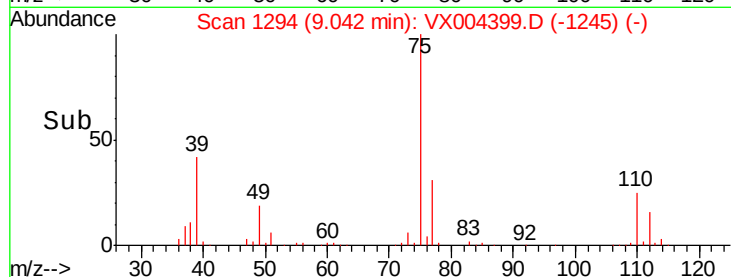
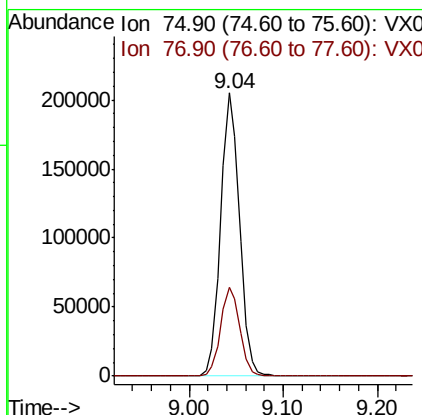
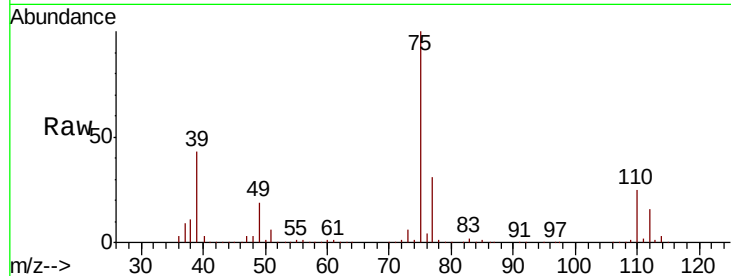
#53
t-1,3-Dichloropropene
Concen: 50.58 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 285210
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0

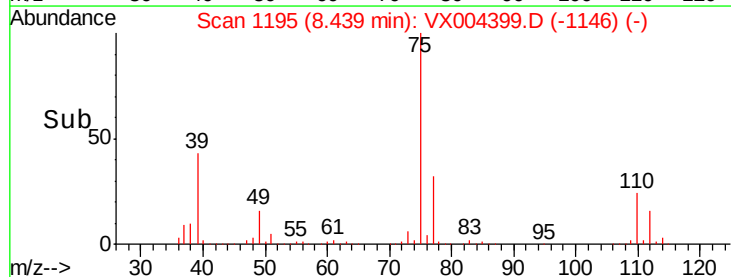
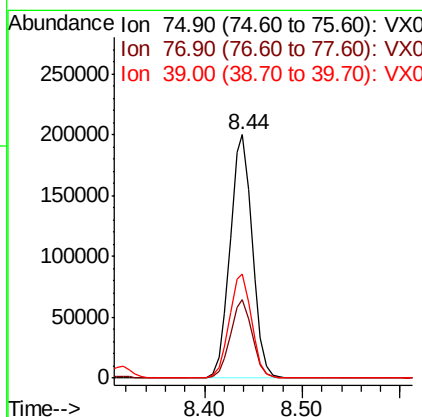
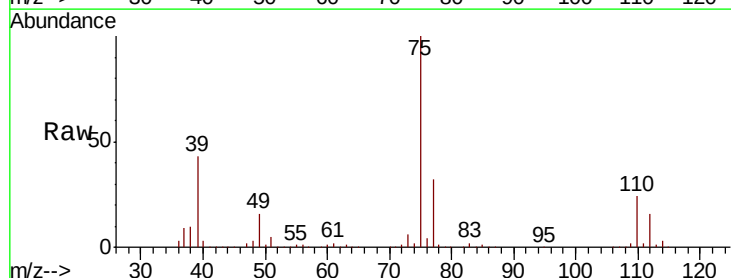
Manual Integrations
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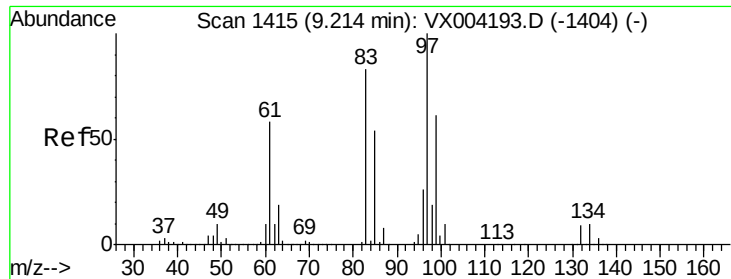
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#54
cis-1,3-Dichloropropene
Concen: 51.26 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion: 75 Resp: 314837
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
39 42.9 36.4 54.6





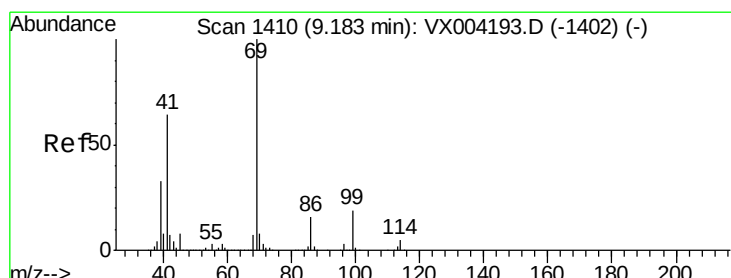
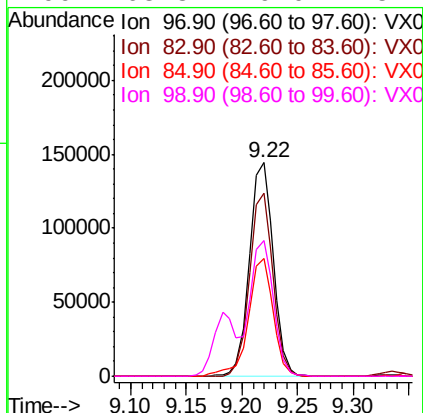
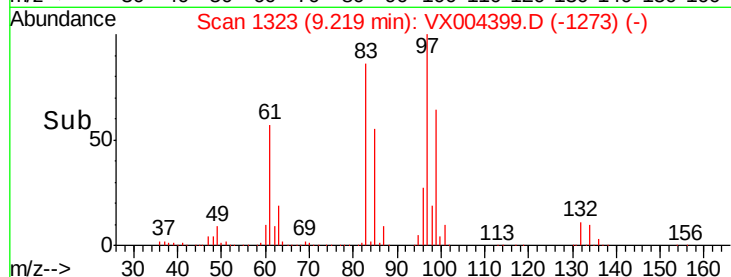
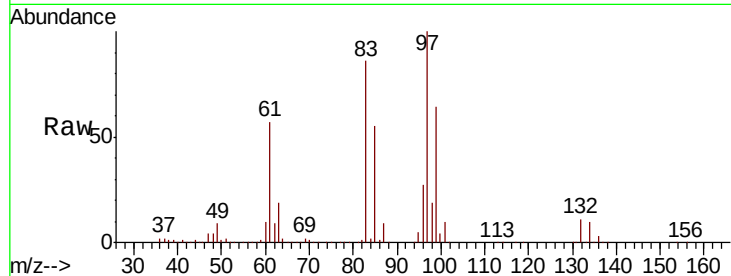
#55
 1,1,2-Trichloroethane
 Concen: 51.83 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	215628
Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.4	99.6
85	55.4	43.3	64.9
99	63.8	49.0	73.4

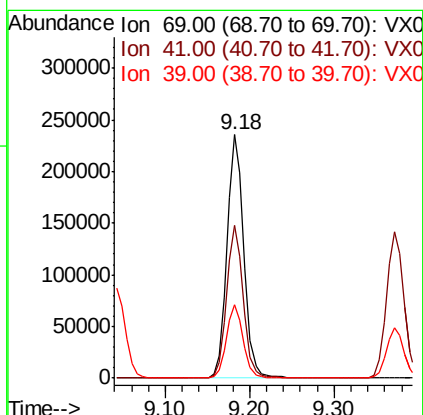
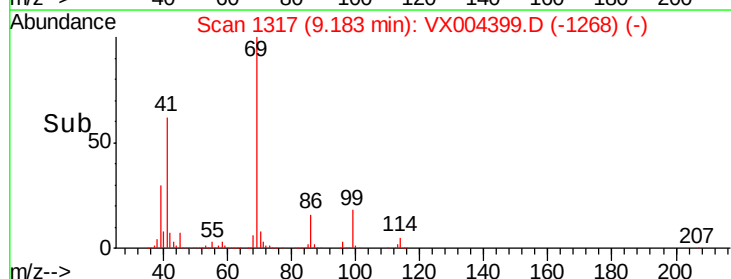
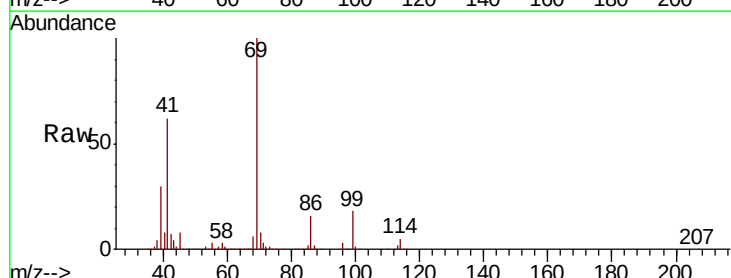
Manual Integrations
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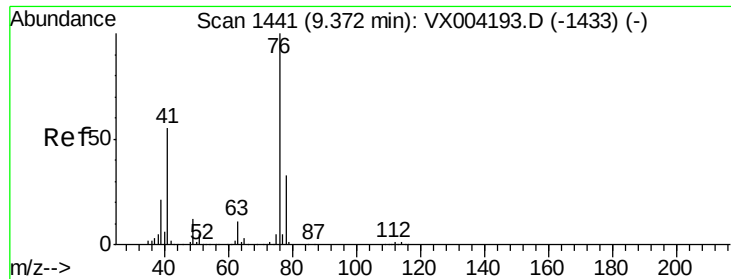
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#56
 Ethyl methacrylate
 Concen: 57.09 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Tgt Ion:	69	Resp:	323316
Ion	Ratio	Lower	Upper
69	100		
41	61.8	51.0	76.4
39	29.9	26.1	39.1





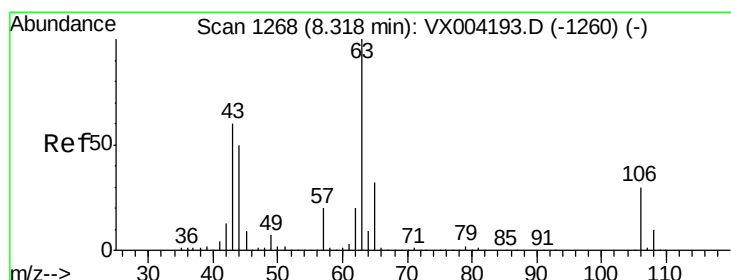
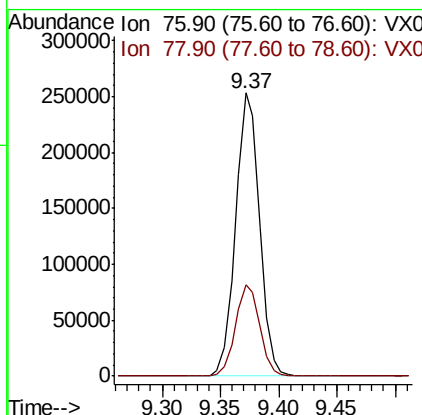
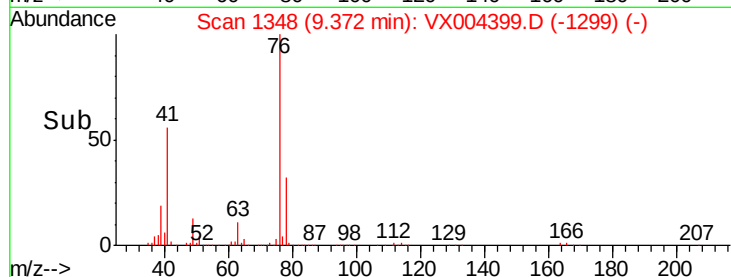
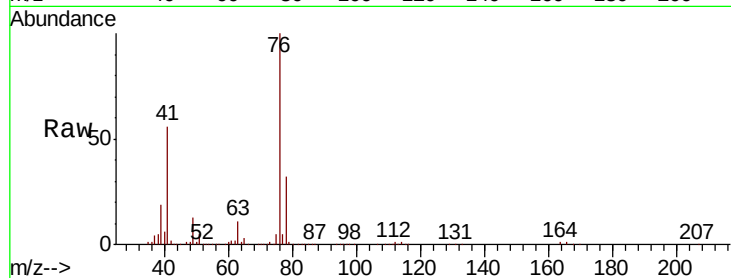
#57
 1,3-Dichloropropane
 Concen: 51.68 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 362431
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3

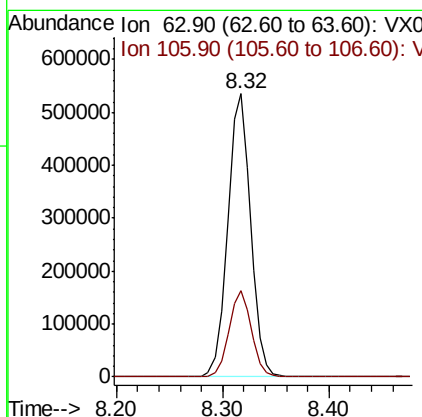
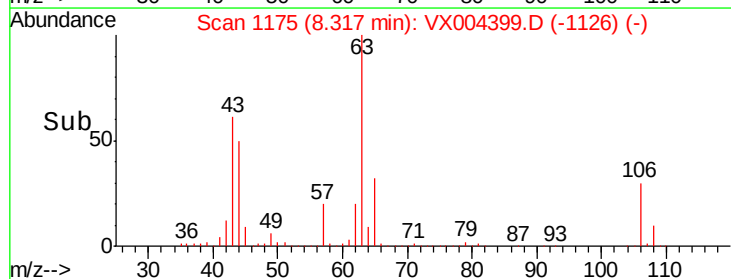
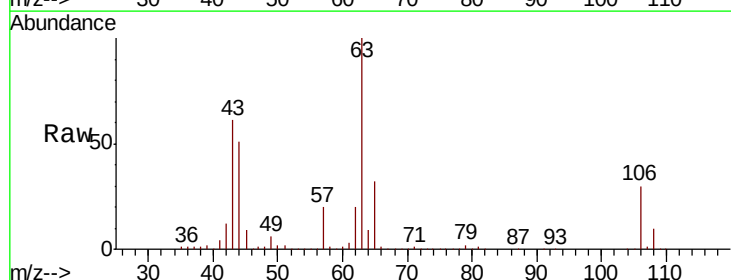
Manual Integrations
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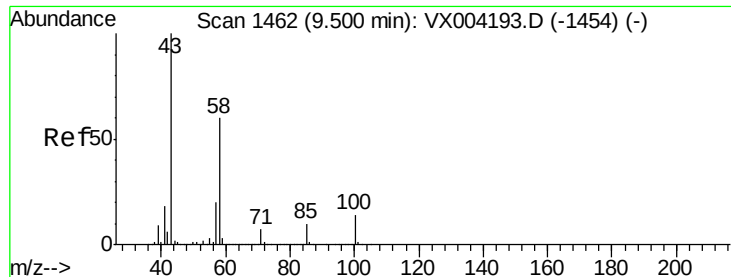
MMDadoda
 9/7/2018 1:42:56 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.12 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Tgt Ion: 63 Resp: 804166
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.9 35.9





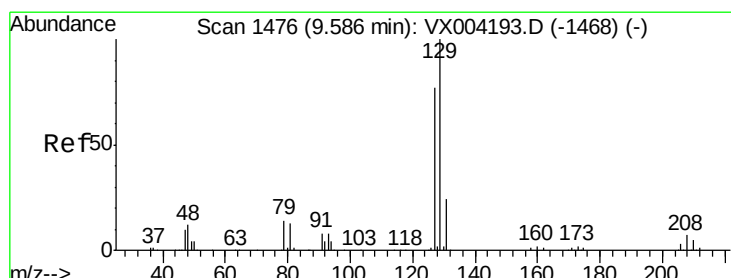
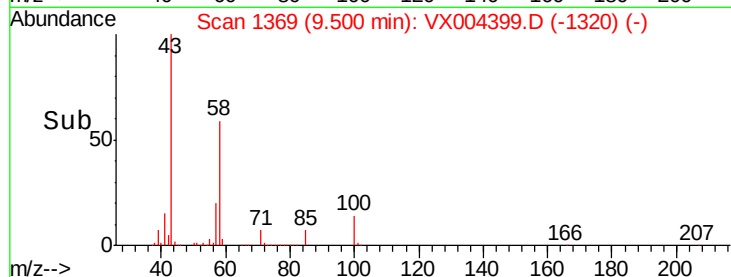
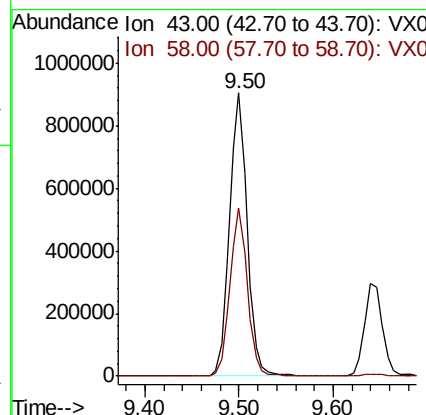
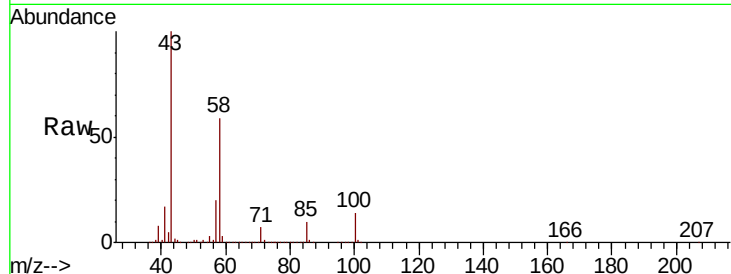
#59
2-Hexanone
Concen: 255.48 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1179195
Ion Ratio Lower Upper
43 100
58 58.7 29.0 87.0

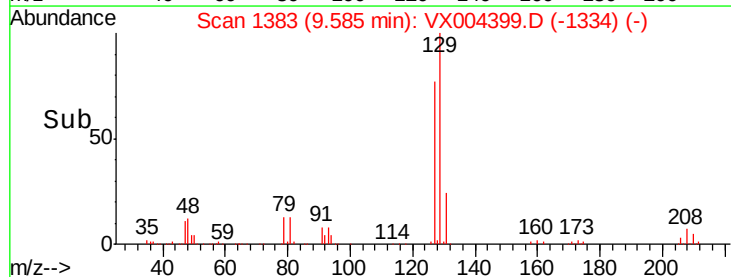
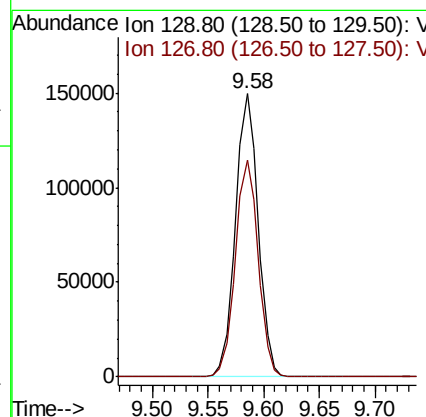
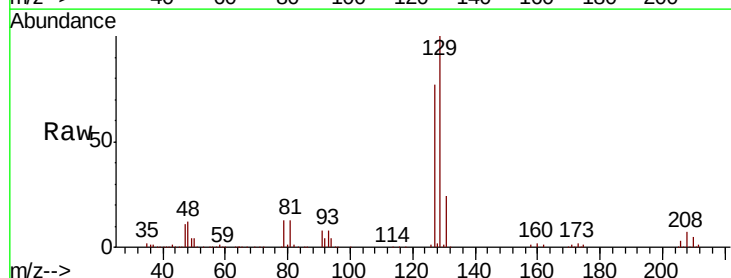
Manual Integrations
APPROVED

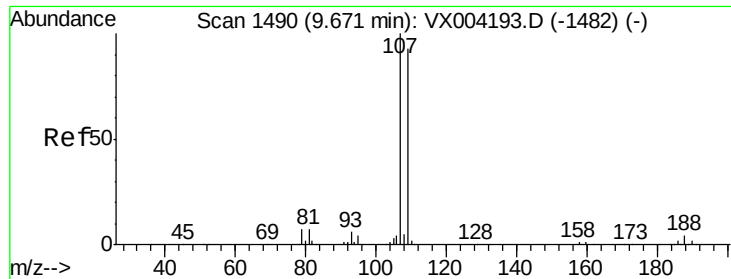
MMDadoda
9/7/2018 1:42:56 PM



#60
Dibromochloromethane
Concen: 52.04 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion: 129 Resp: 210929
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.31 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 220893

Ion Ratio Lower Upper

107 100

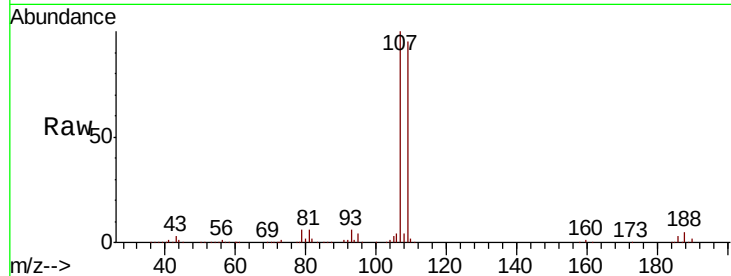
109 94.9 76.0 114.0

Manual Integrations

APPROVED

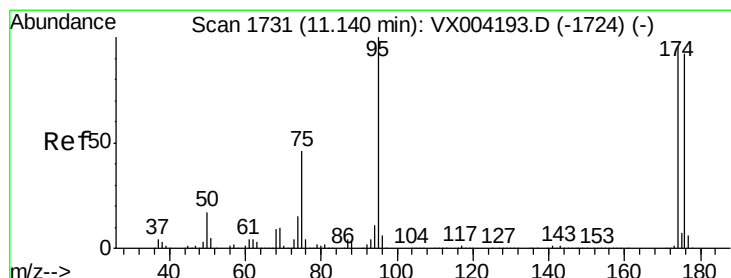
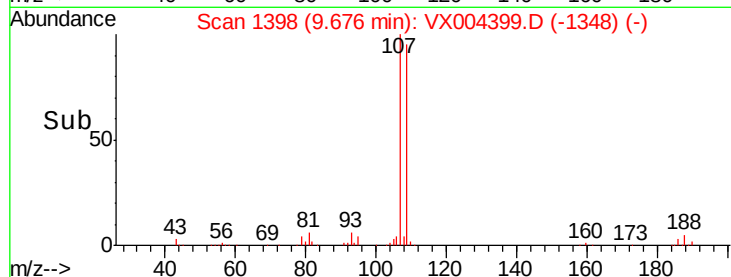
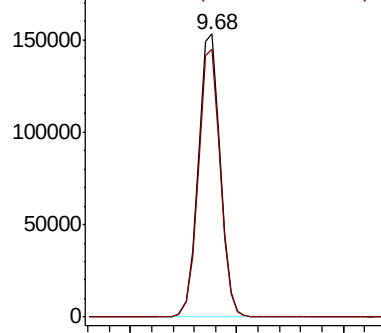
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.28 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

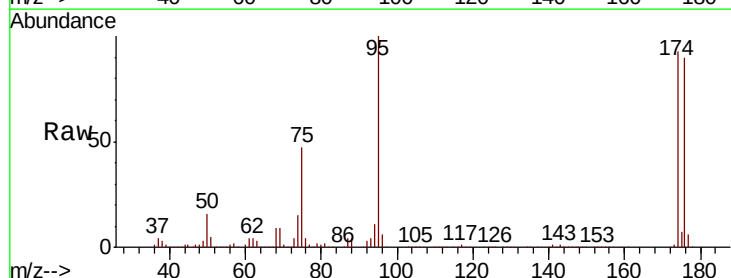
Tgt Ion: 95 Resp: 263318

Ion Ratio Lower Upper

95 100

174 90.9 0.0 185.2

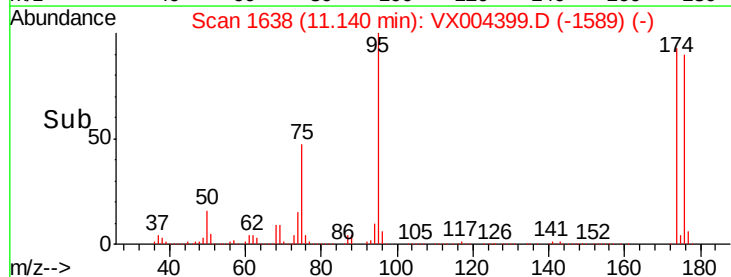
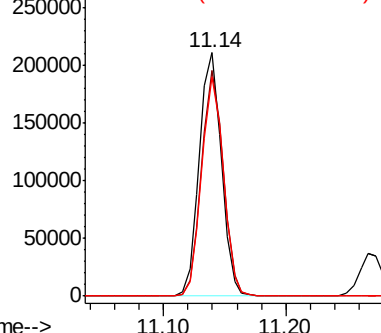
176 88.4 0.0 178.6

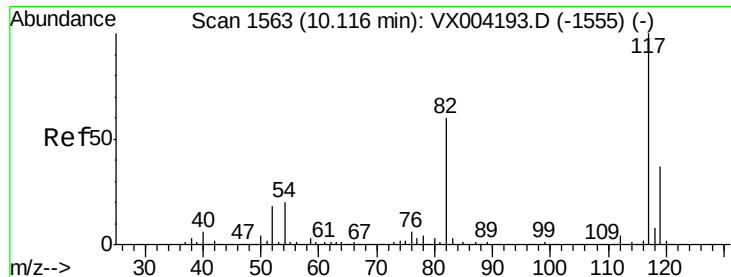


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





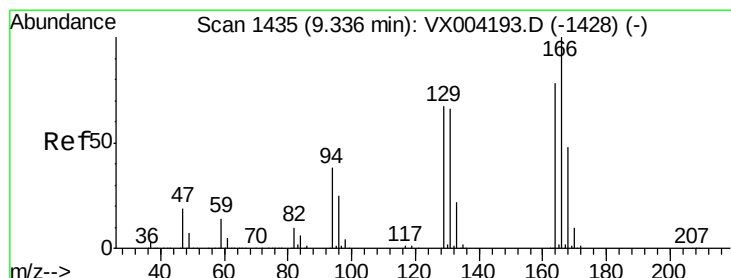
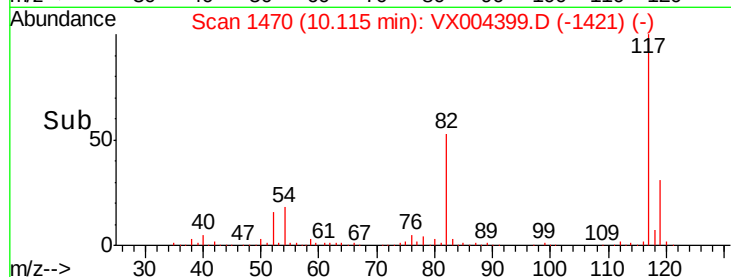
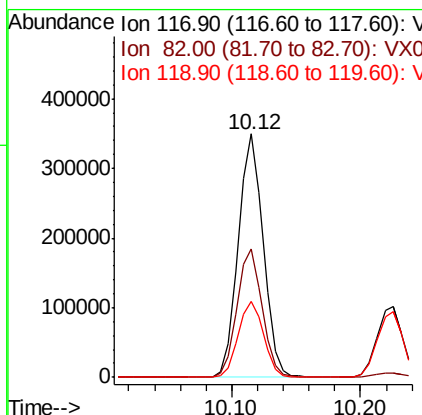
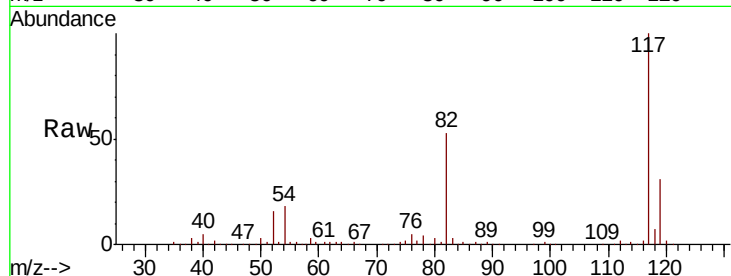
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	47.8	71.6
119	31.4	29.3	43.9

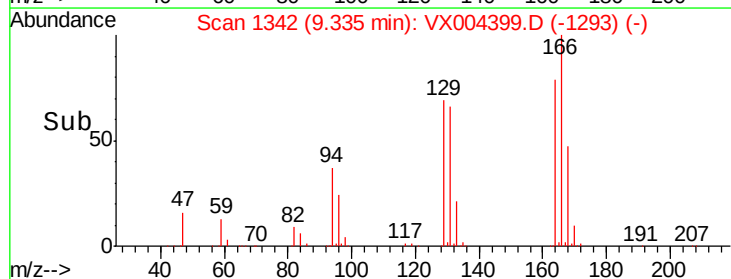
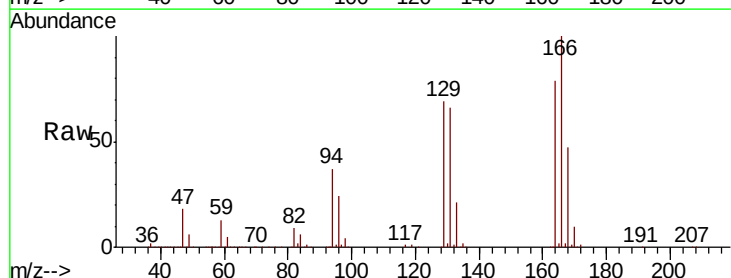
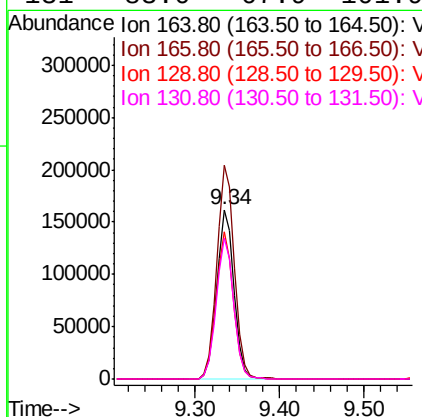
Manual Integrations
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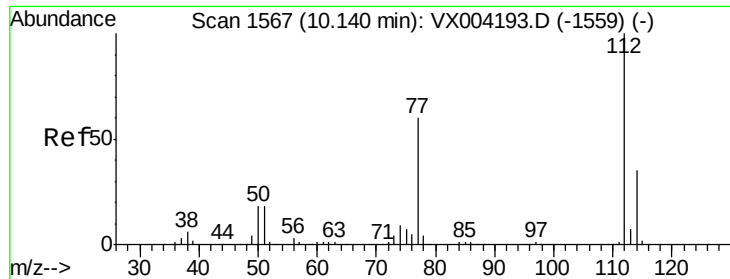
MMDadoda
9/7/2018 1:42:56 PM



#64
Tetrachloroethene
Concen: 49.45 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	102.8	154.2
129	86.7	69.4	104.0
131	83.0	67.9	101.9





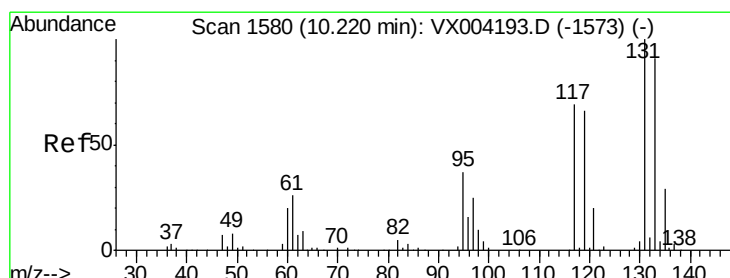
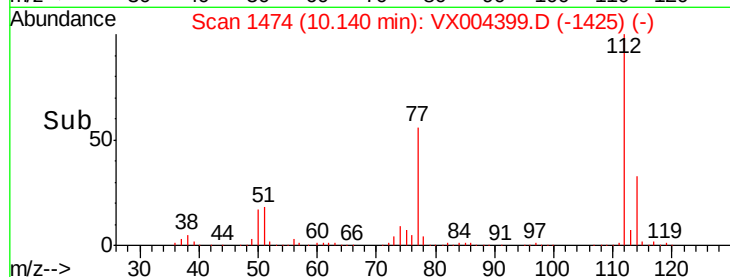
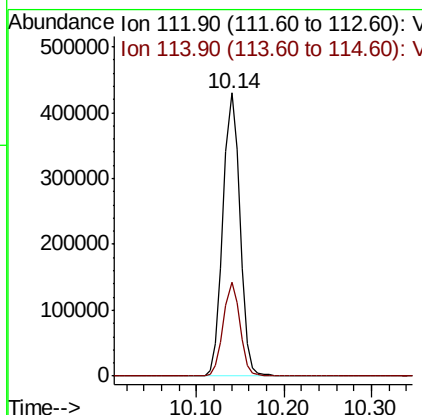
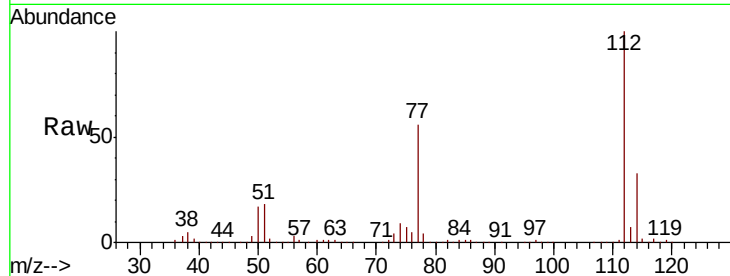
#65
Chlorobenzene
Concen: 48.76 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 576478
Ion Ratio Lower Upper
112 100
114 33.0 27.8 41.8

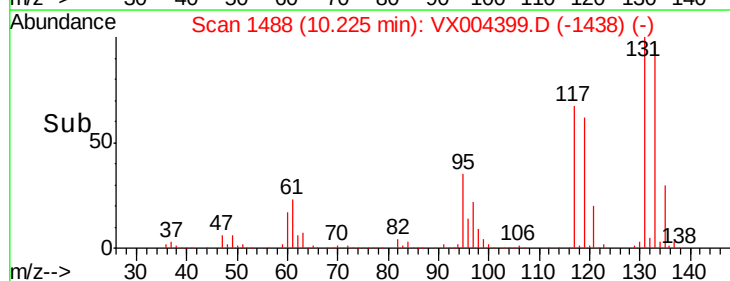
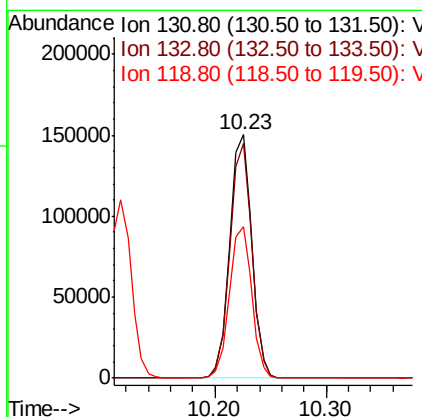
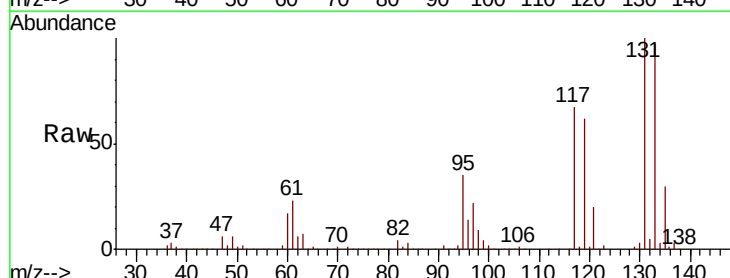
Manual Integrations
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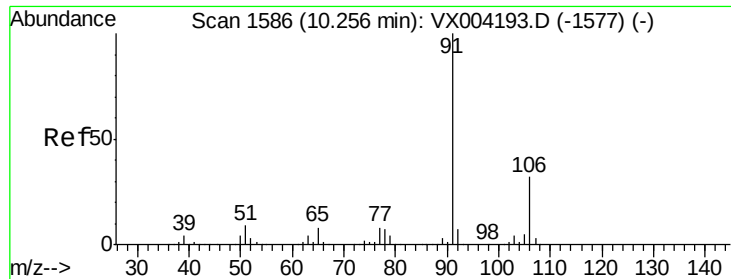
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.43 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion:131 Resp: 205653
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.4
119 63.4 32.9 98.6





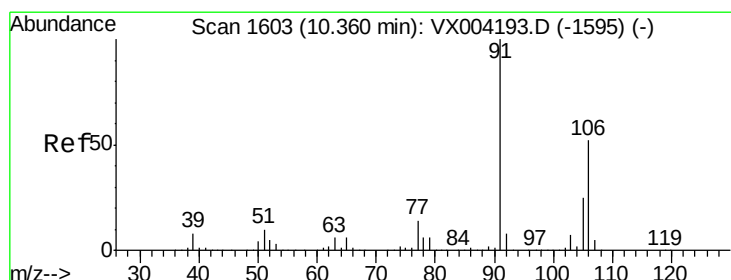
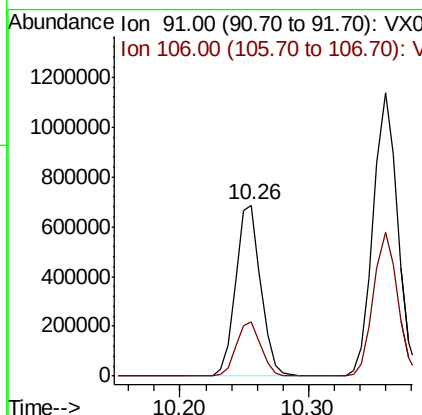
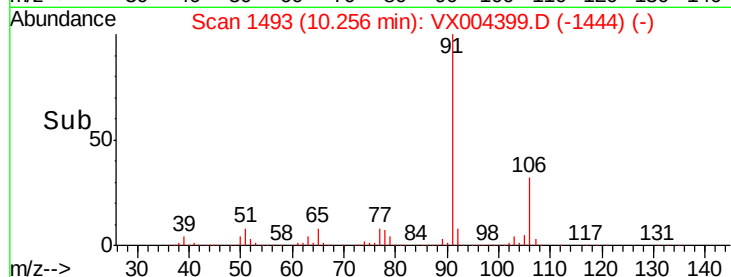
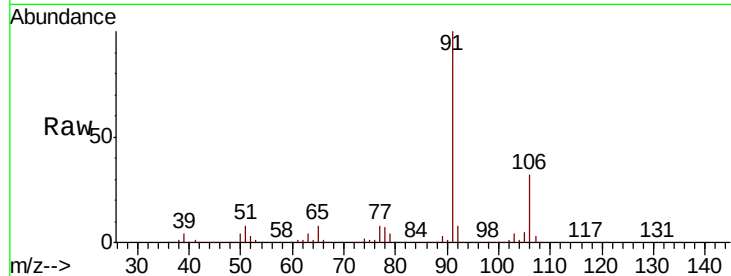
#67
Ethyl Benzene
Concen: 48.57 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 932648
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9

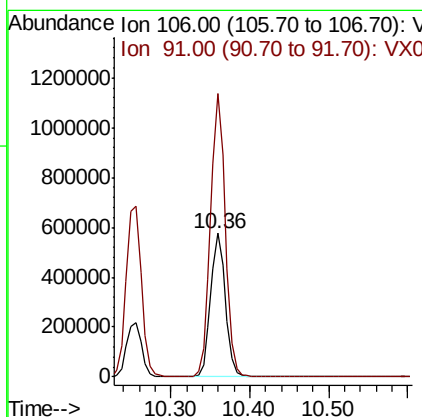
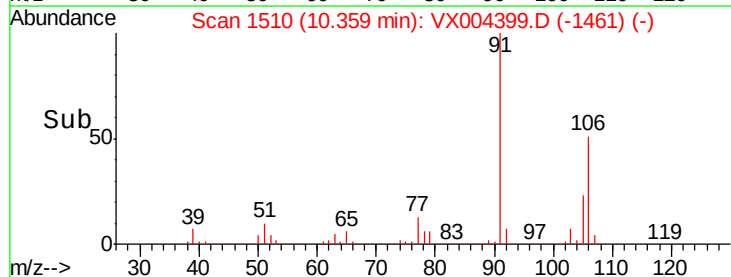
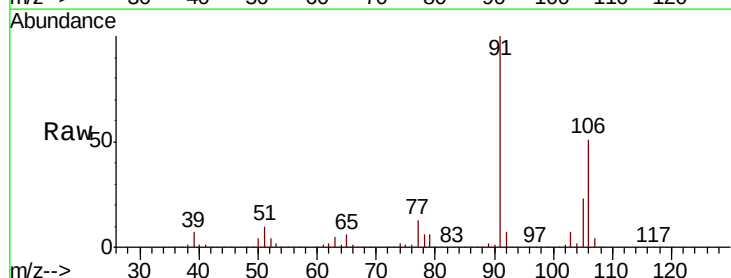
Manual Integrations
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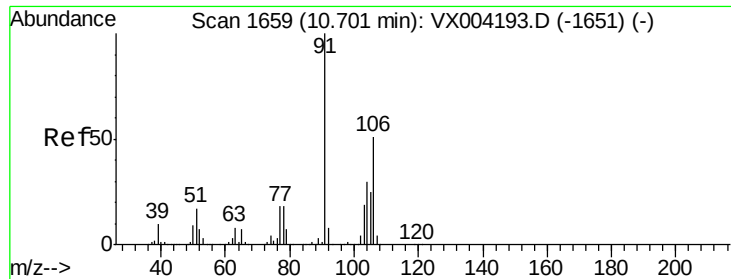
MMDadoda
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#68
m/p-Xylenes
Concen: 99.44 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion: 106 Resp: 746554
Ion Ratio Lower Upper
106 100
91 198.0 157.1 235.7





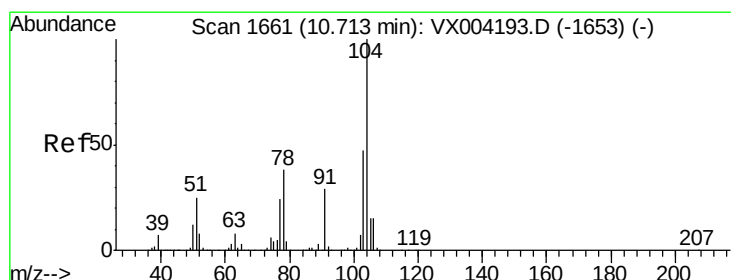
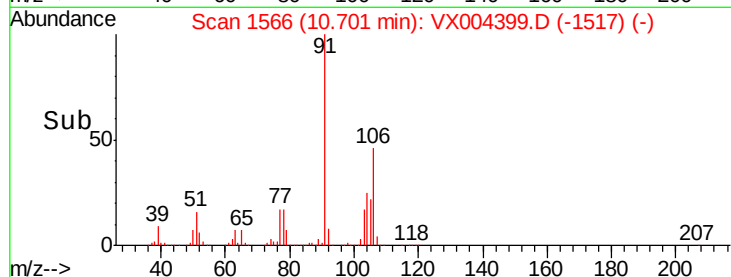
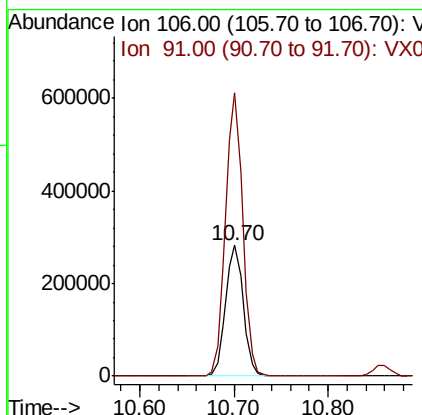
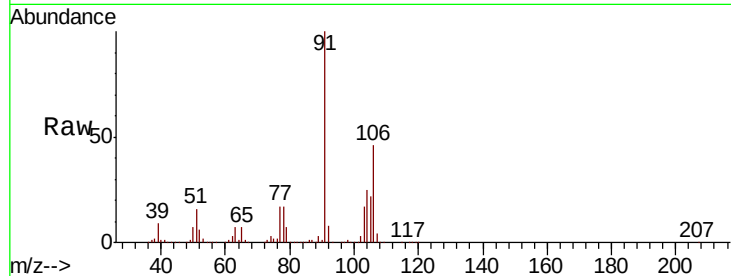
#69
o-Xylene
Concen: 51.86 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.1	105.1	315.1

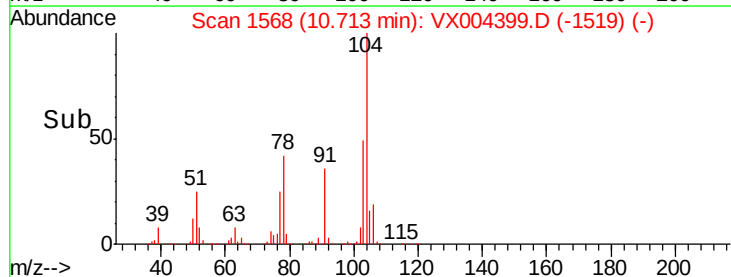
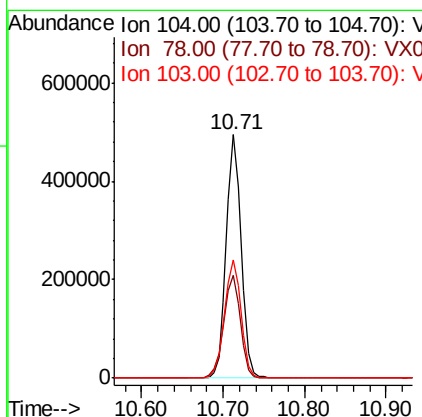
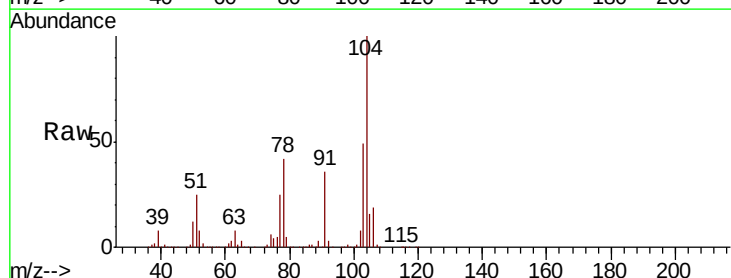
Manual Integrations
APPROVED

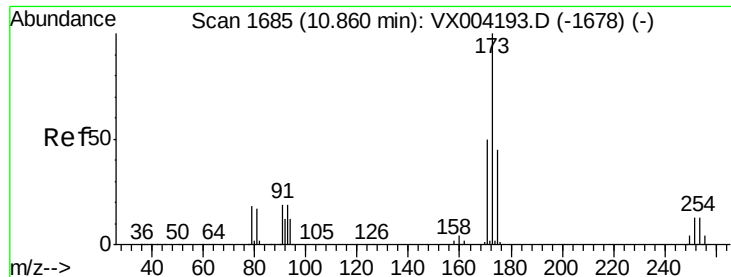
MMDadoda
9/7/2018 1:42:56 PM



#70
Styrene
Concen: 54.44 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004399.D
Acq: 06 Sep 2018 21:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.4	56.0
103	53.8	43.8	65.6





#71

Bromoform

Concen: 50.72 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 166727

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.3

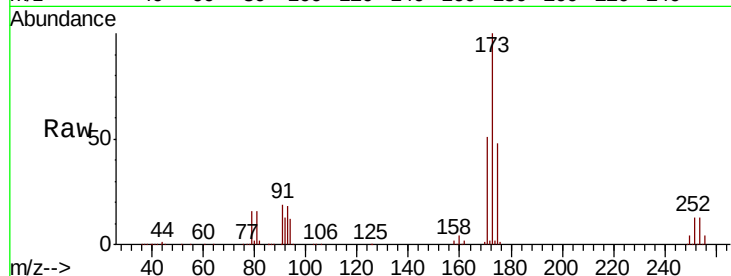
254 0.2 0.2 0.2

Manual Integrations

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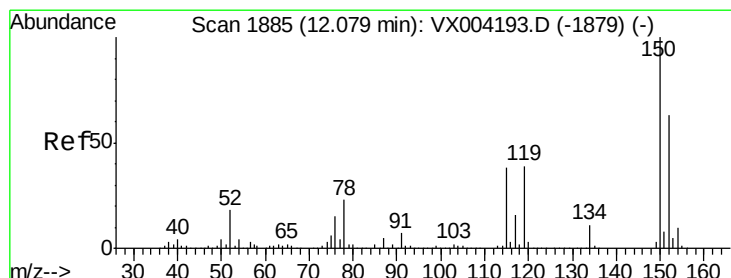
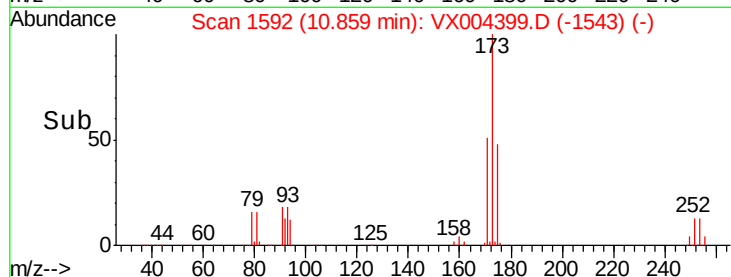
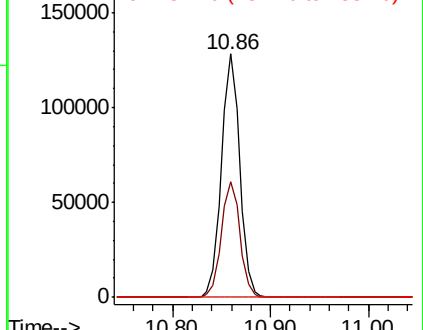
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

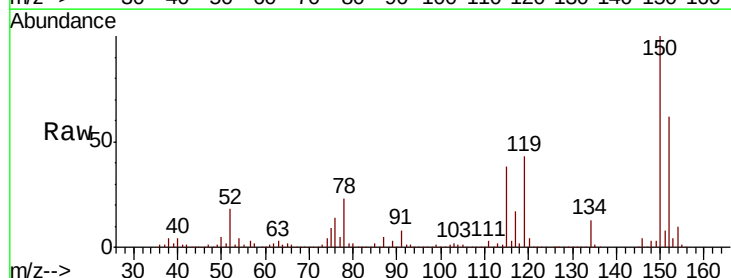
Tgt Ion:152 Resp: 285657

Ion Ratio Lower Upper

152 100

115 77.1 39.0 117.0

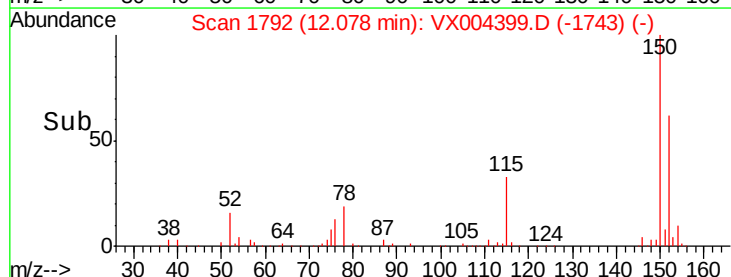
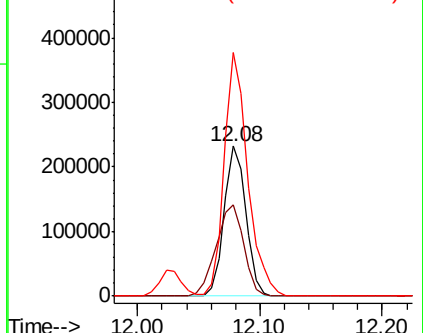
150 175.4 0.0 351.0

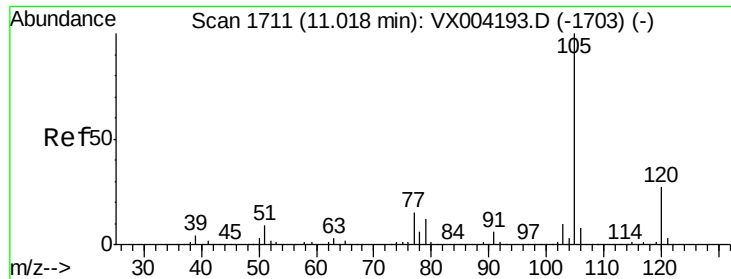


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.36 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 982341

Ion Ratio Lower Upper

105 100

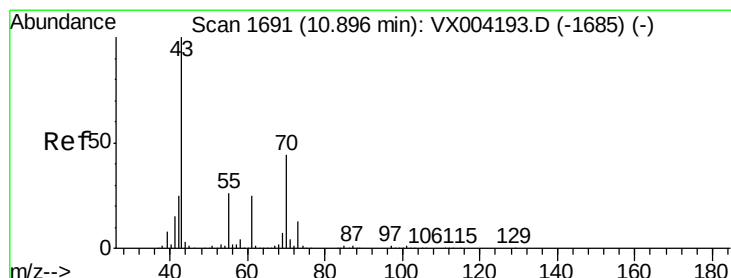
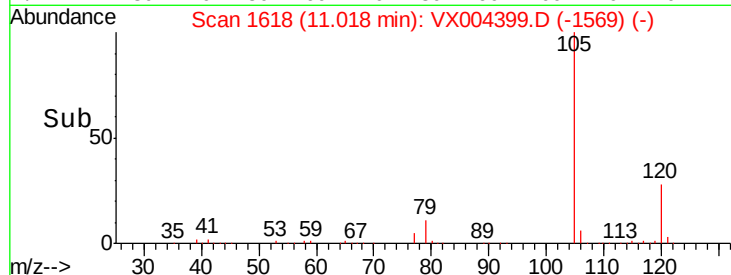
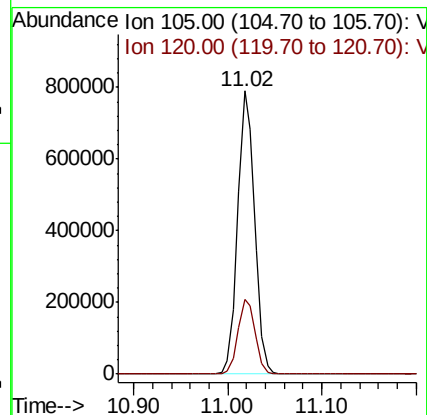
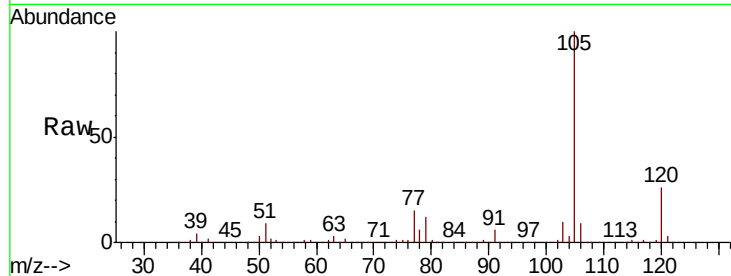
120 27.0 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 55.09 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Tgt Ion: 43 Resp: 397927

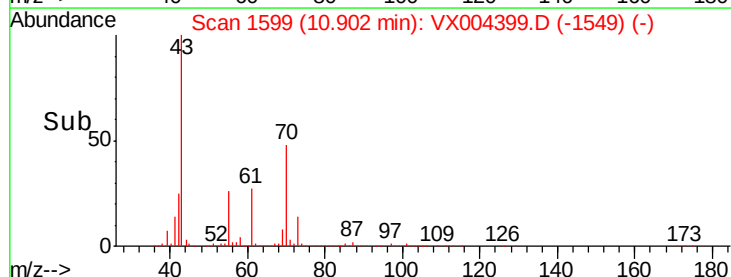
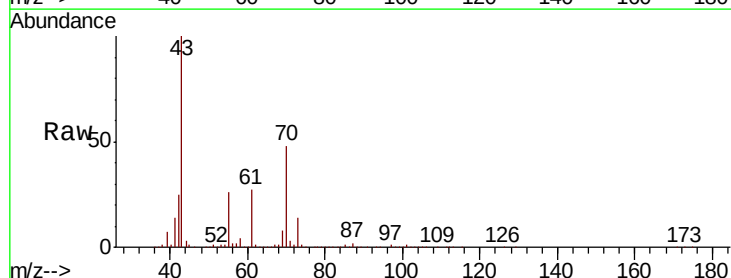
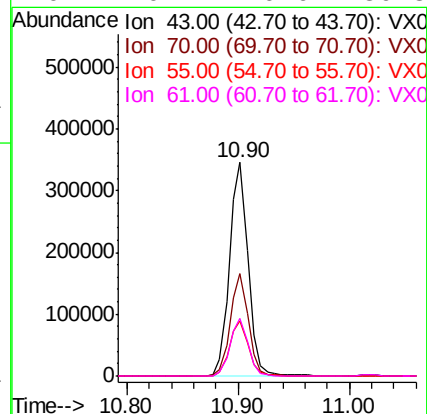
Ion Ratio Lower Upper

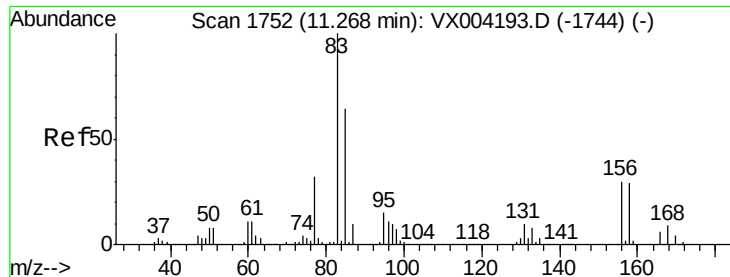
43 100

70 46.7 37.4 56.0

55 26.6 21.8 32.8

61 26.2 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.90 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 327597

Ion Ratio Lower Upper

83 100

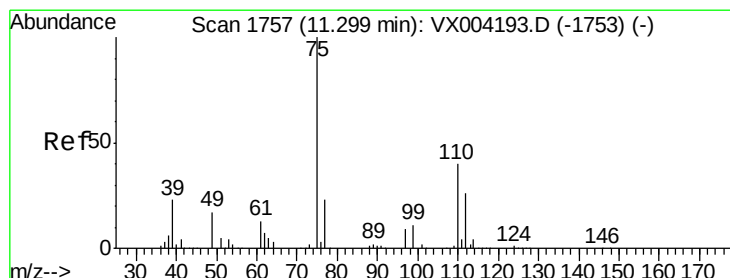
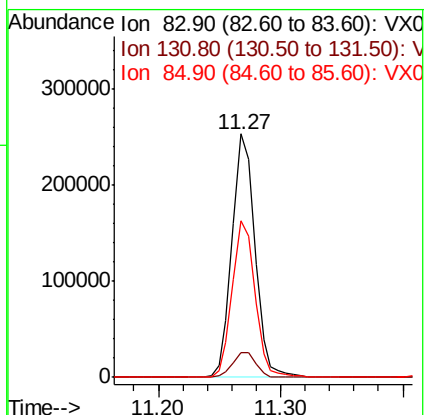
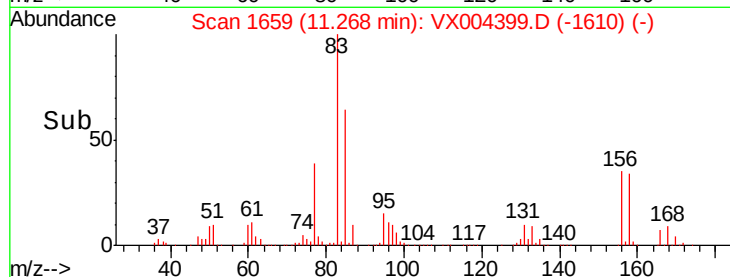
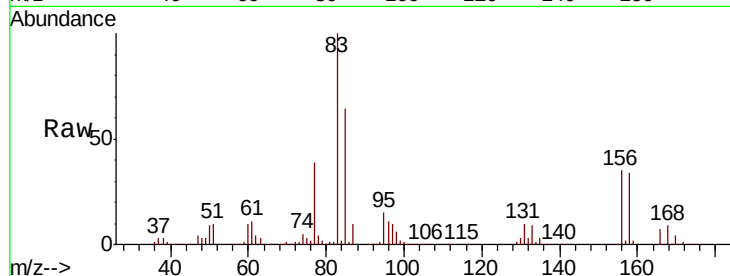
131 10.6 5.2 15.6

85 64.5 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.86 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004399.D

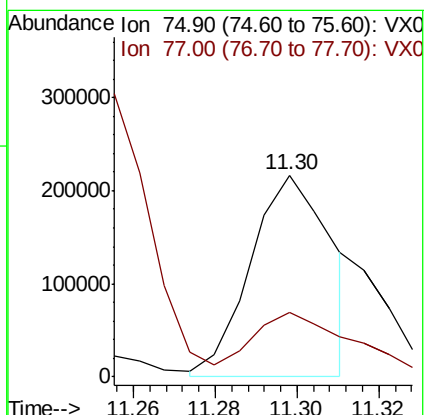
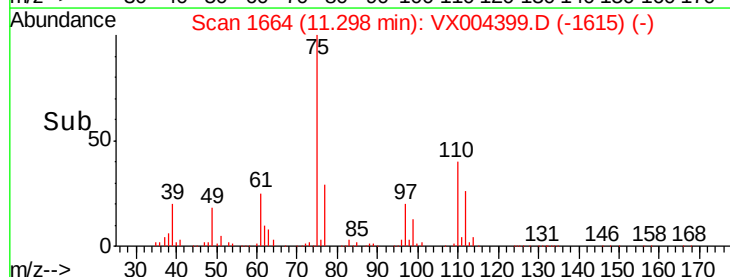
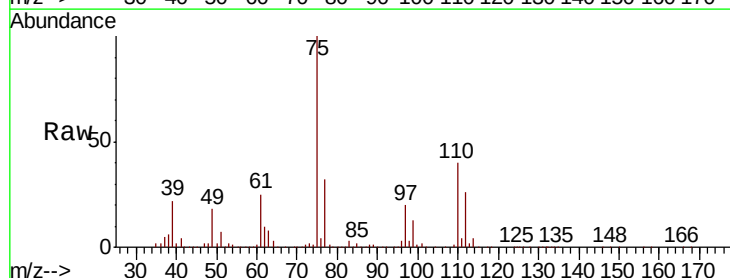
Acq: 06 Sep 2018 21:34

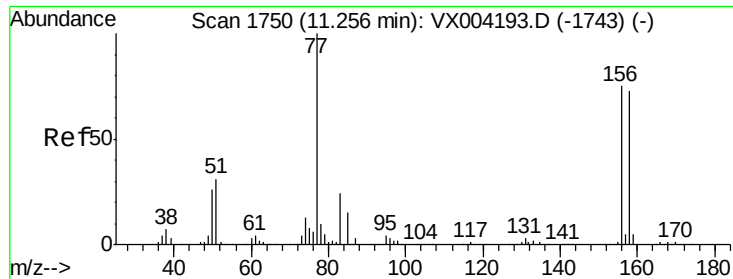
Tgt Ion: 75 Resp: 295505

Ion Ratio Lower Upper

75 100

77 40.6 20.2 60.6





#77

Bromobenzene

Concen: 50.75 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 267068

Ion Ratio Lower Upper

156 100

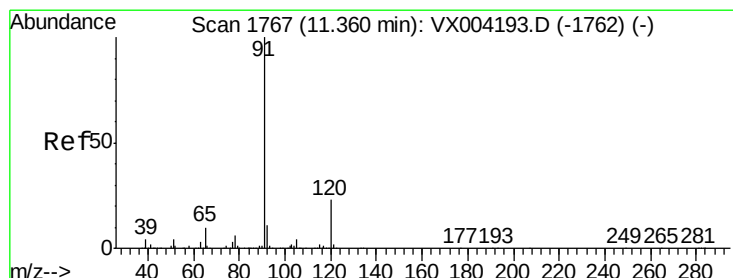
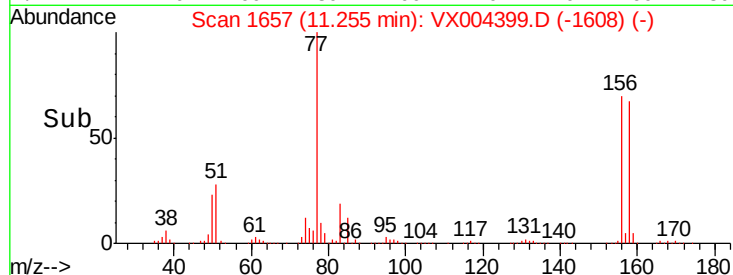
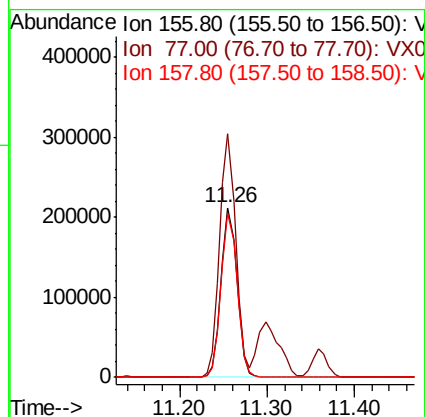
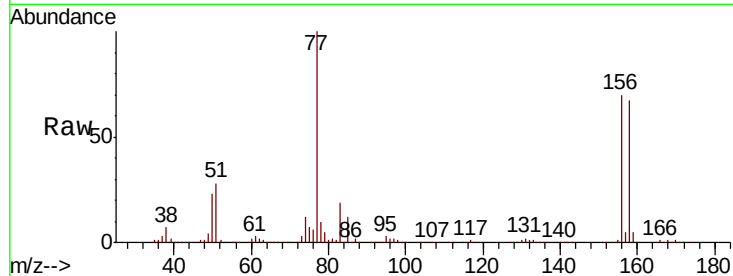
77 144.8 71.5 214.3

158 97.2 48.9 146.8

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#78

n-propylbenzene

Concen: 51.36 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004399.D

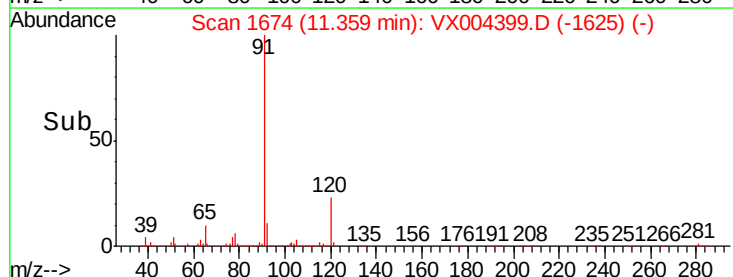
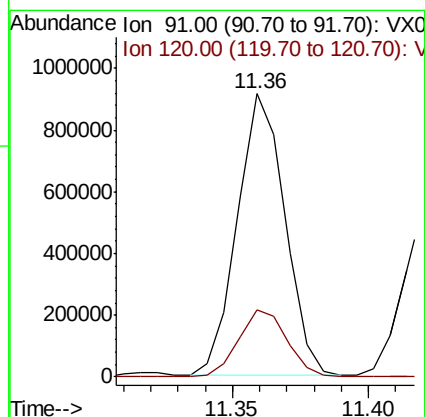
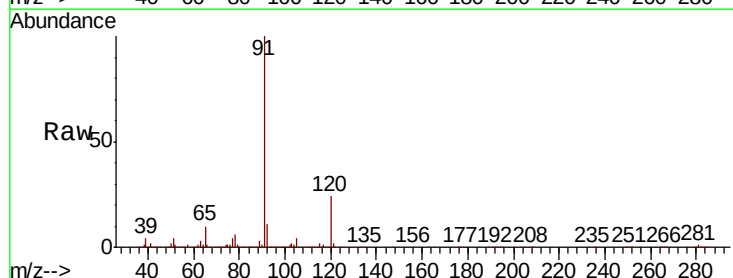
Acq: 06 Sep 2018 21:34

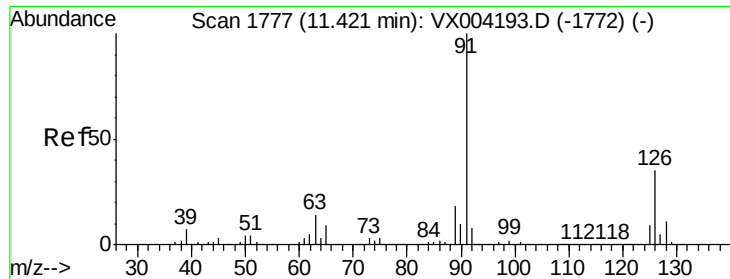
Tgt Ion: 91 Resp: 1108270

Ion Ratio Lower Upper

91 100

120 24.2 11.9 35.9





#79

2-Chlorotoluene

Concen: 50.63 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 672441

Ion Ratio Lower Upper

91 100

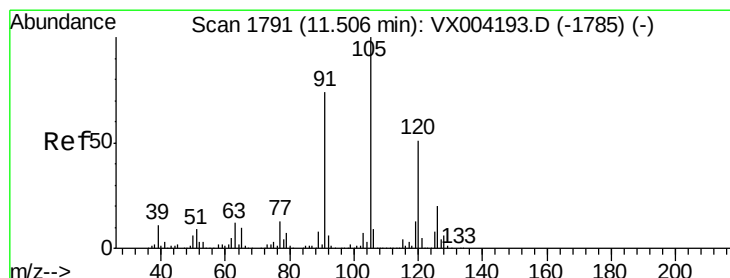
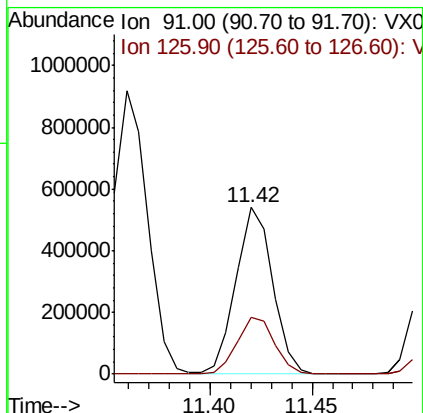
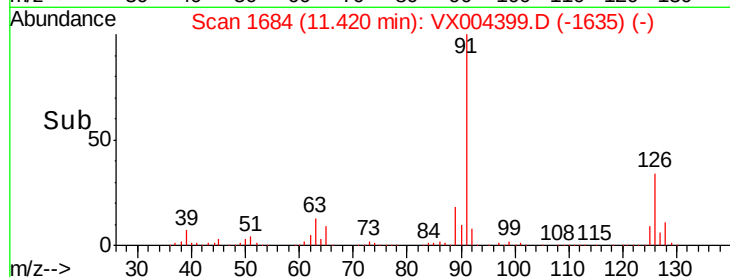
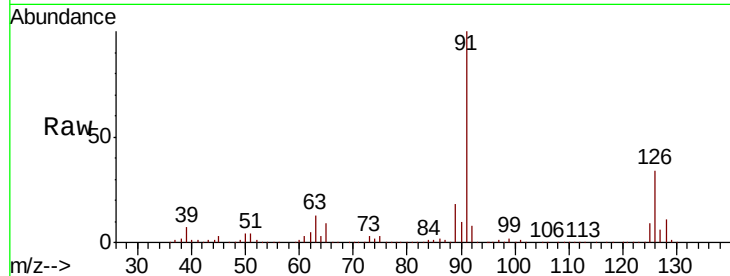
126 35.2 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.18 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004399.D

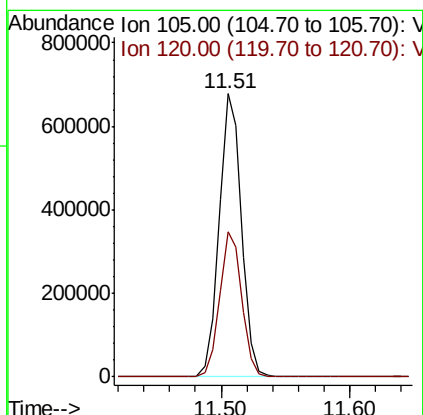
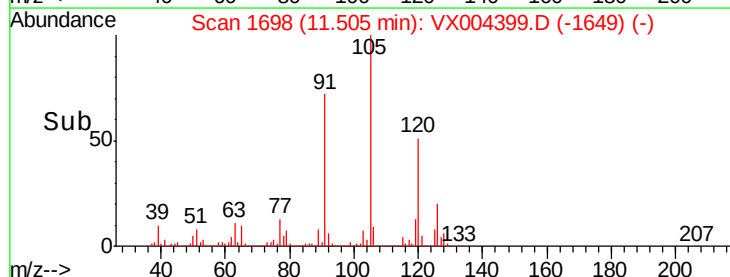
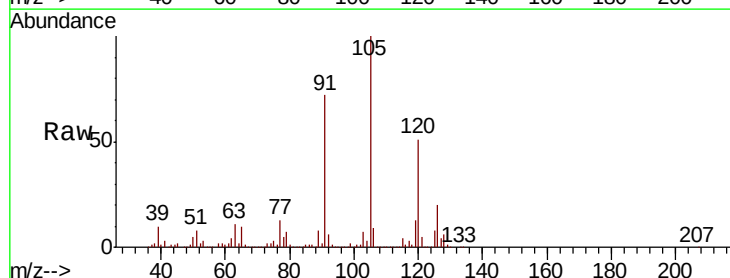
Acq: 06 Sep 2018 21:34

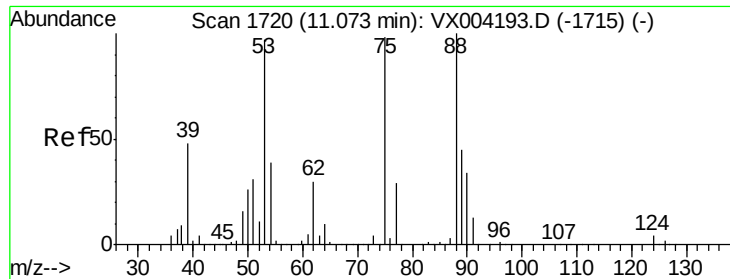
Tgt Ion: 105 Resp: 826322

Ion Ratio Lower Upper

105 100

120 51.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.76 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 75 Resp: 89096

Ion Ratio Lower Upper

75 100

53 96.4 80.1 120.1

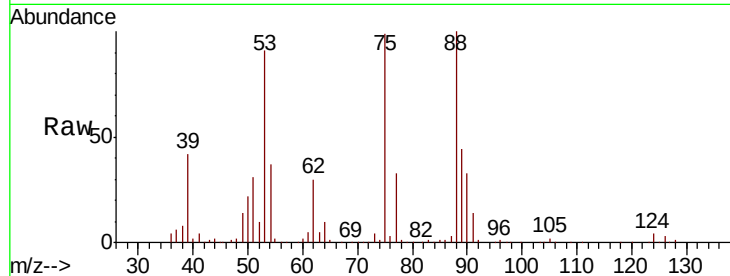
89 45.4 37.2 55.8

Manual Integrations

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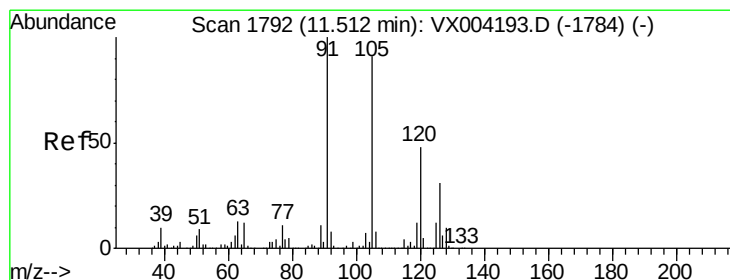
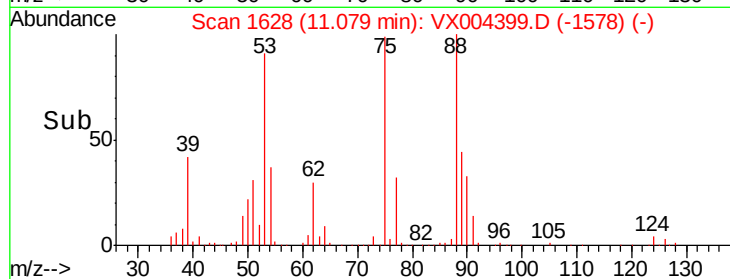
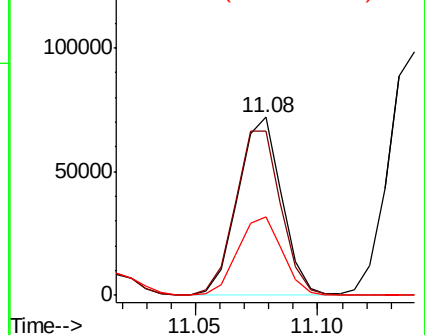
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.47 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004399.D

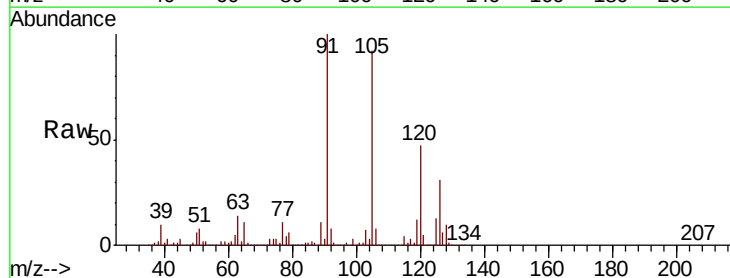
Acq: 06 Sep 2018 21:34

Tgt Ion: 91 Resp: 788723

Ion Ratio Lower Upper

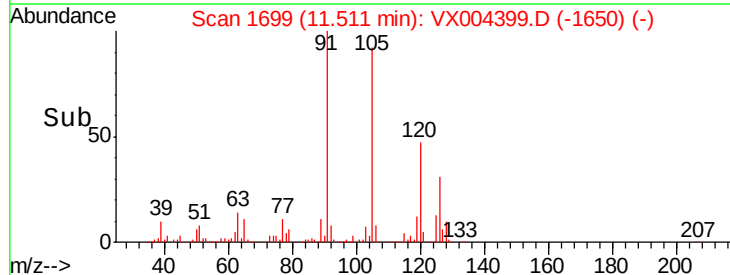
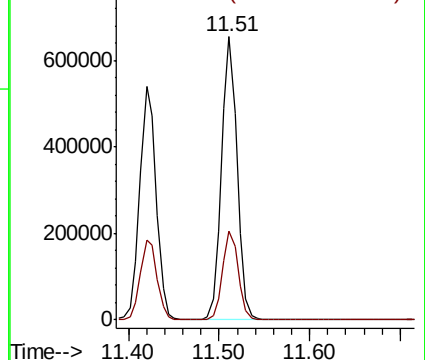
91 100

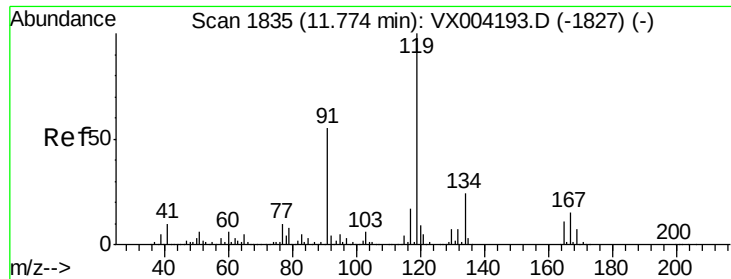
126 31.5 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





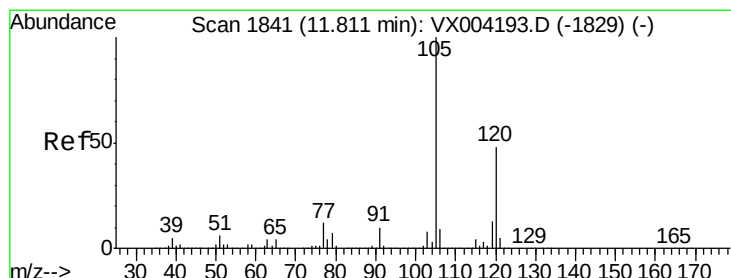
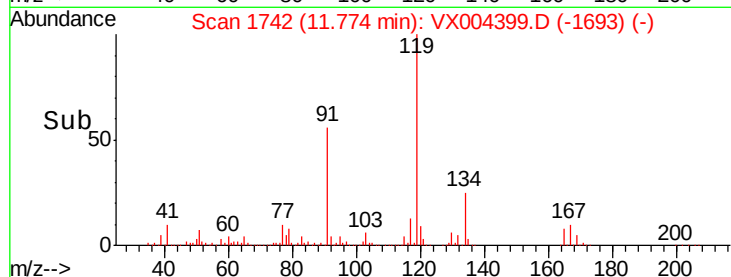
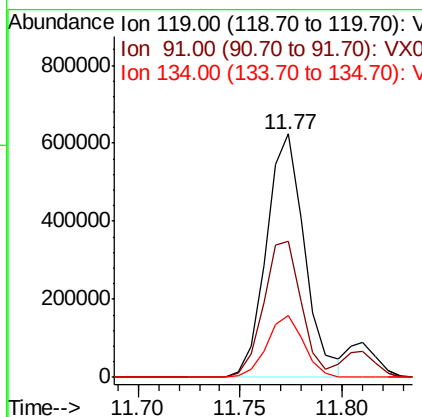
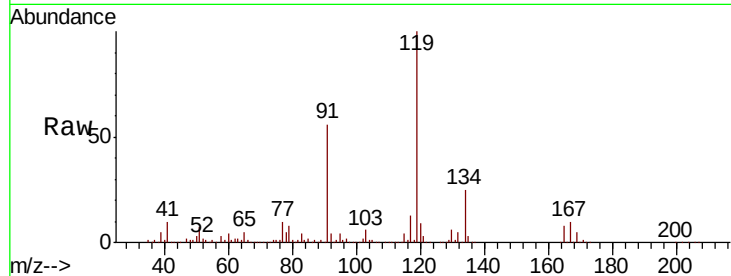
#83
 tert-Butylbenzene
 Concen: 52.15 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.2	27.0	81.0
134	24.2	11.7	35.1

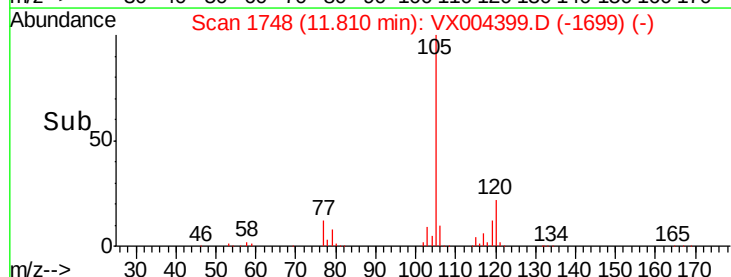
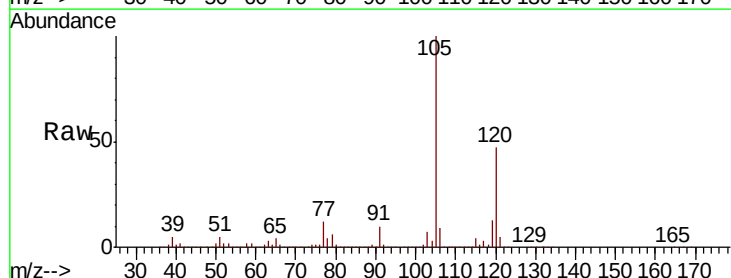
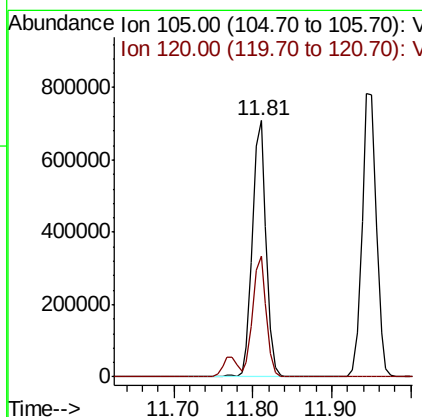
Manual Integrations
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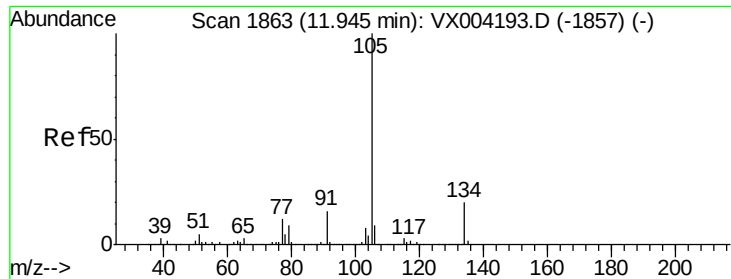
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.03 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 53.34 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 989983

Ion Ratio Lower Upper

105 100

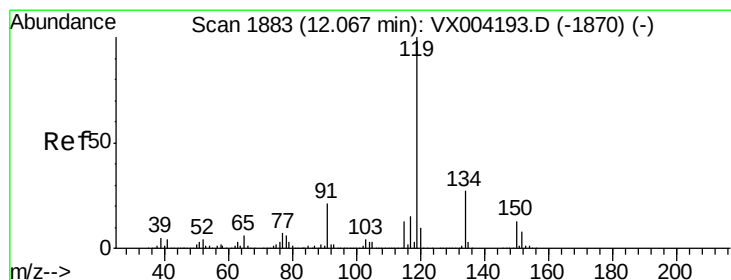
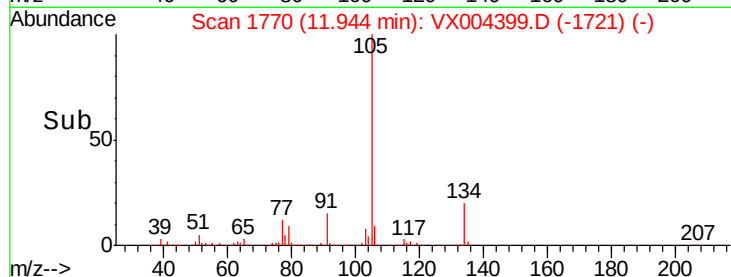
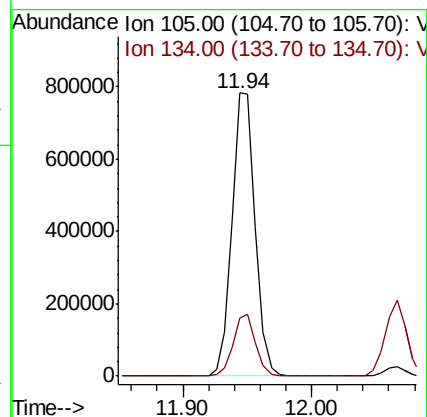
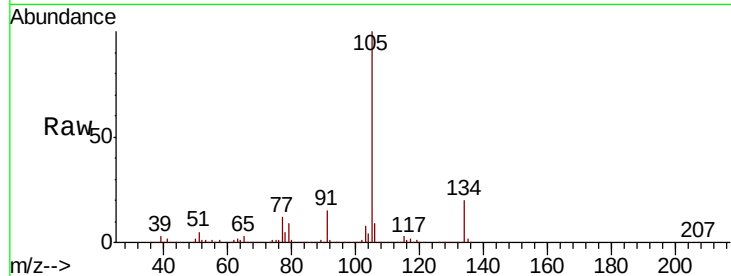
134 20.9 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 53.81 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

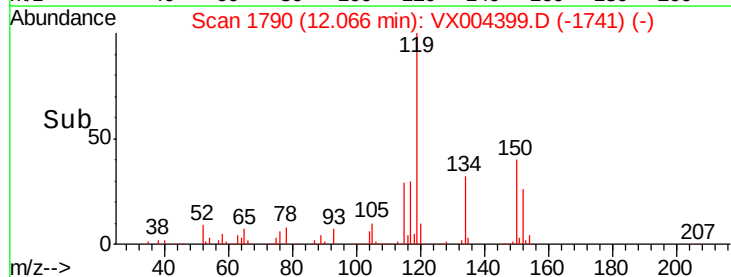
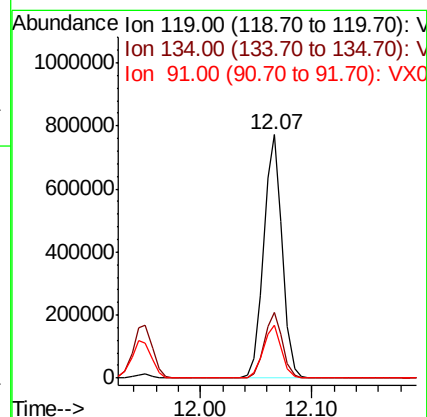
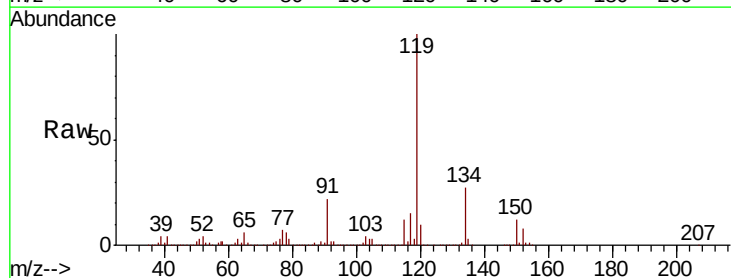
Tgt Ion:119 Resp: 894941

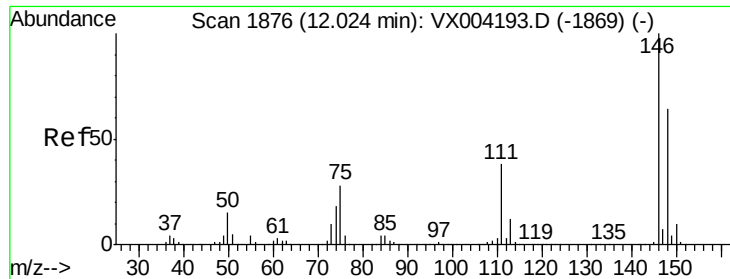
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 21.5 10.9 32.7





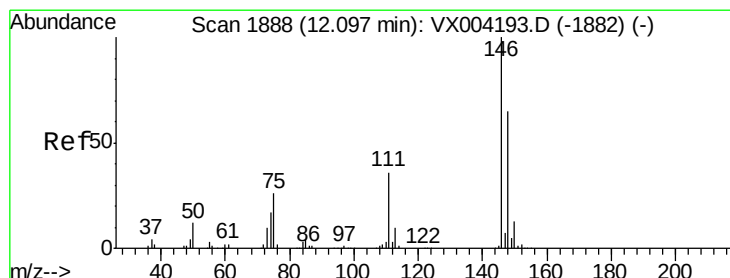
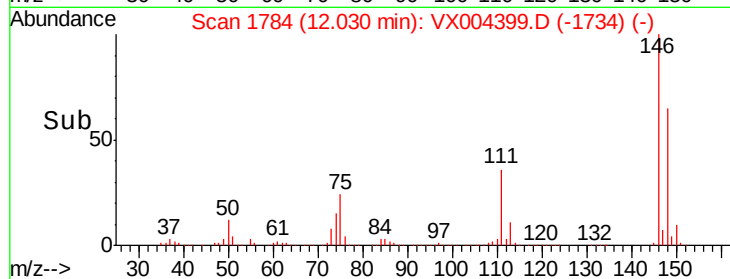
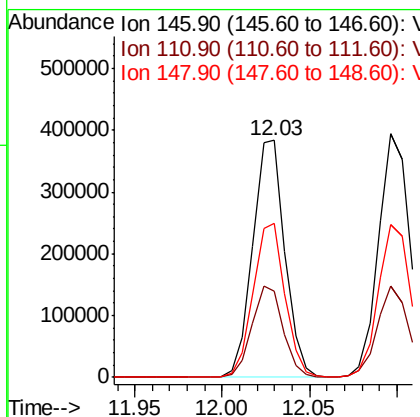
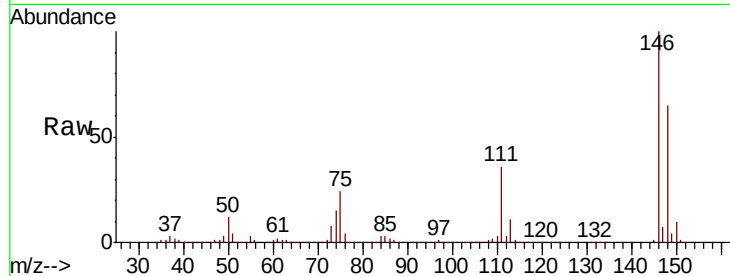
#87
 1,3-Dichlorobenzene
 Concen: 49.47 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.1	32.1	96.5

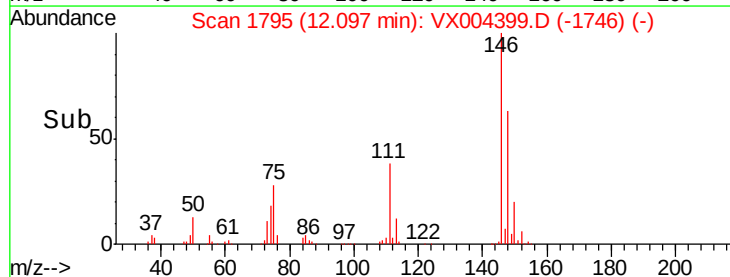
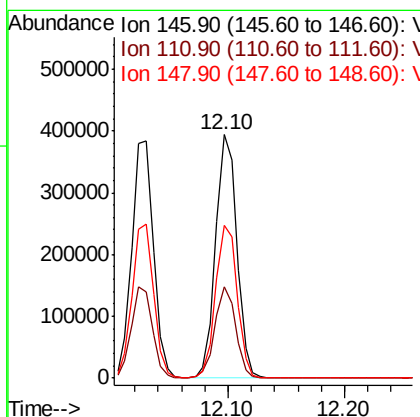
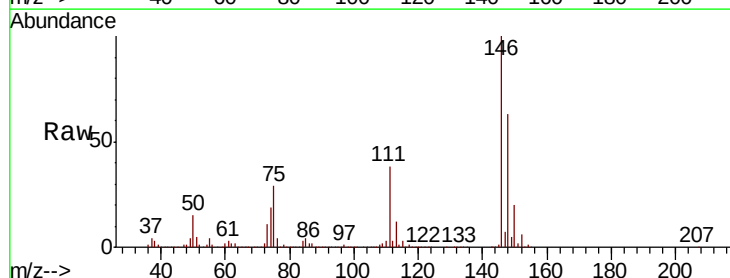
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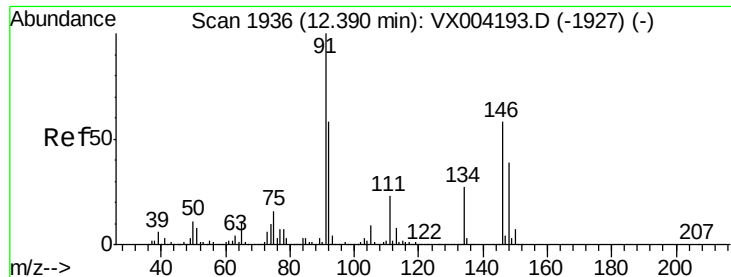
MMDadoda
 9/7/2018 1:42:56 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.02 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	63.9	32.0	96.0





#89

n-Butylbenzene

Concen: 50.89 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

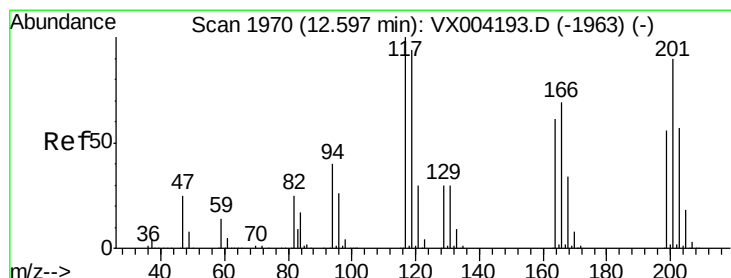
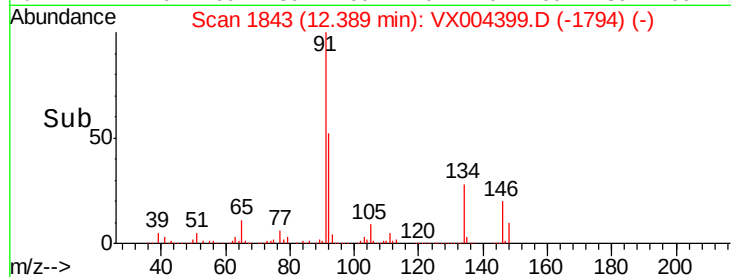
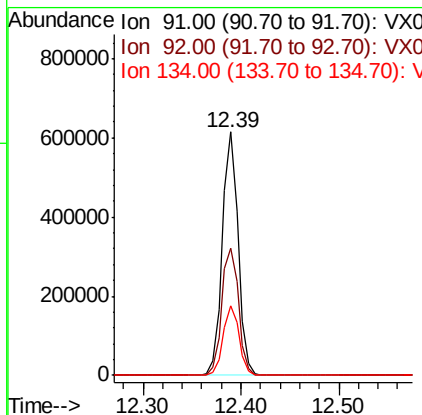
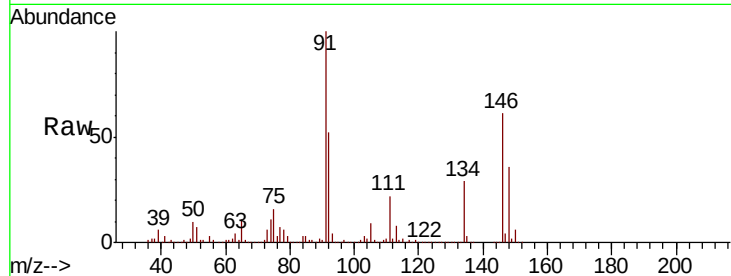
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	688304
Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.3	81.9
134	29.0	13.6	40.7

Manual Integrations
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#90

Hexachloroethane

Concen: 52.59 ug/l

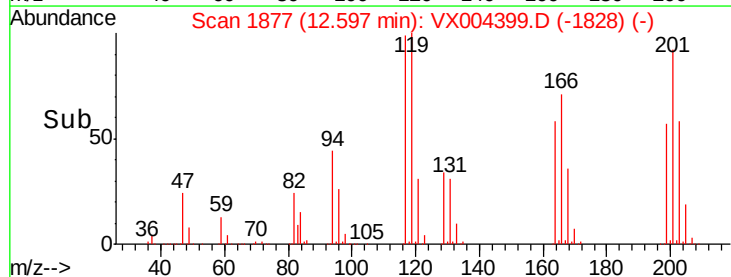
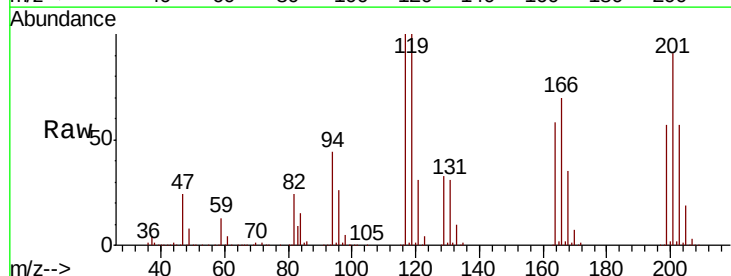
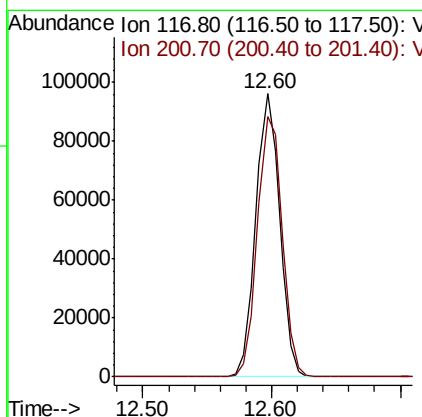
RT: 12.60 min Scan# 1877

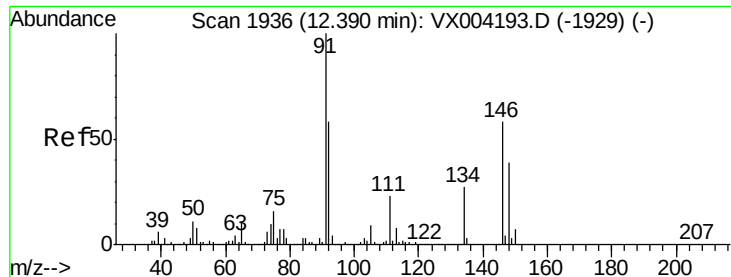
Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Tgt Ion:	117	Resp:	122253
Ion	Ratio	Lower	Upper
117	100		
201	95.4	46.9	140.6





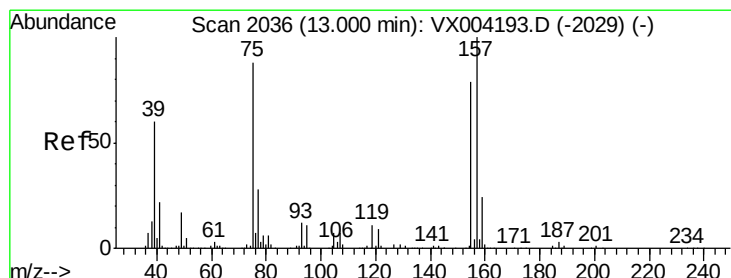
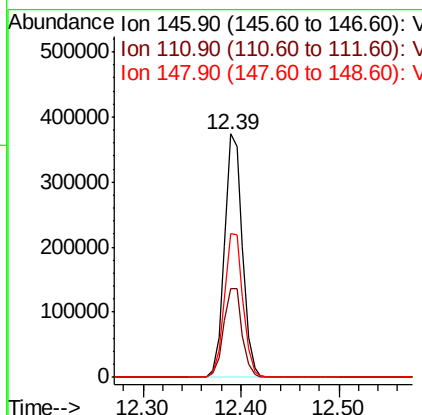
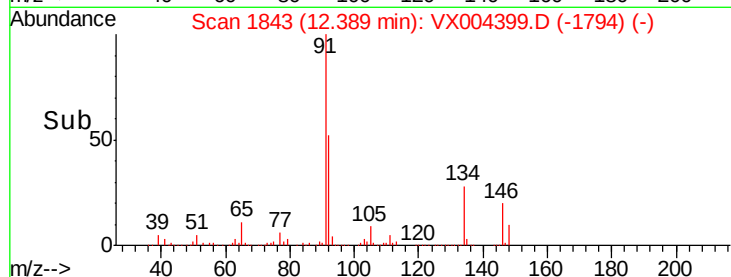
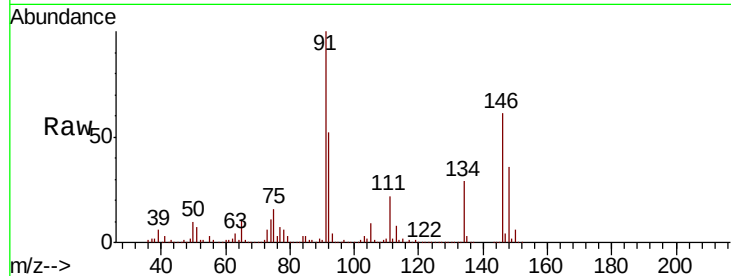
#91
 1,2-Dichlorobenzene
 Concen: 51.94 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.4	58.1
148	61.5	32.8	98.3

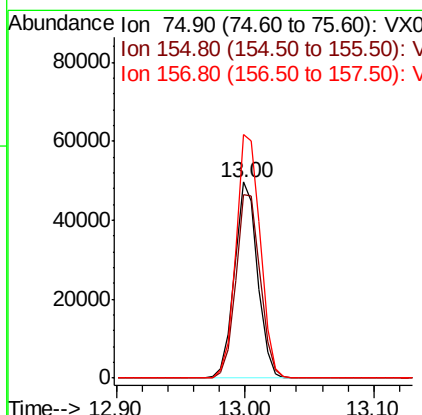
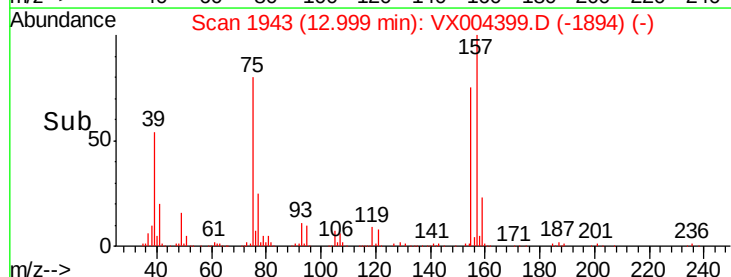
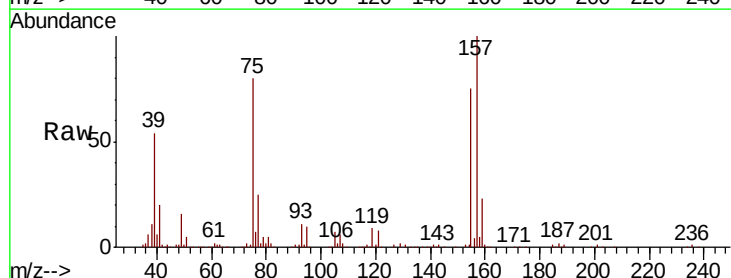
Manual Integrations
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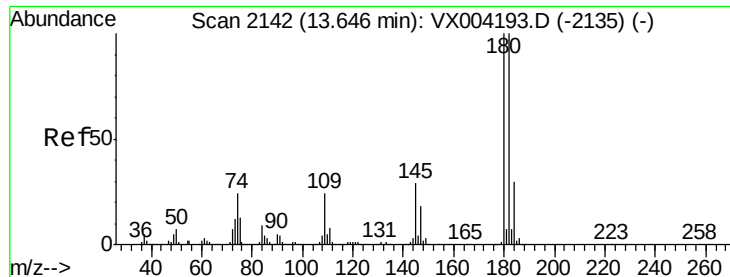
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 9/7/2018 1:42:56 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.78 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.0	48.0	144.2
157	129.5	61.4	184.1





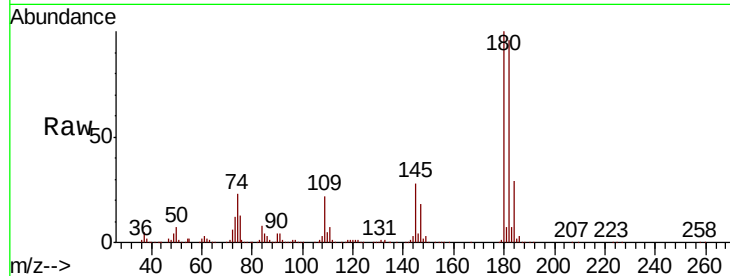
#93
 1,2,4-Trichlorobenzene
 Concen: 54.43 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

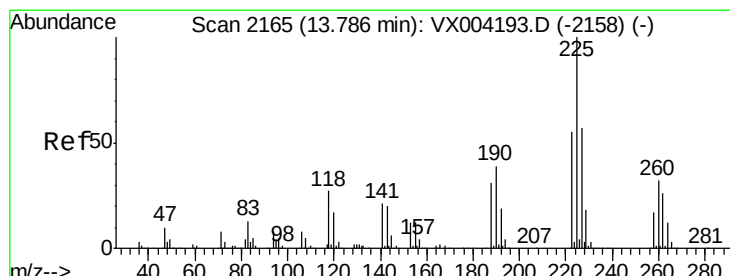
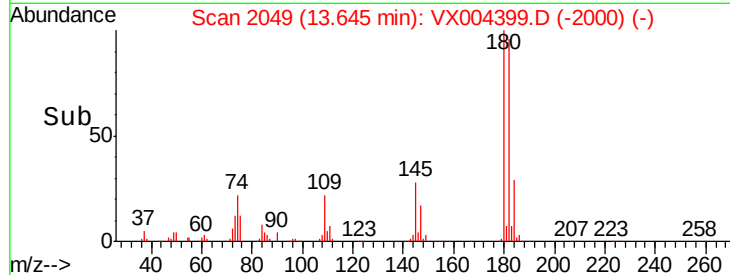
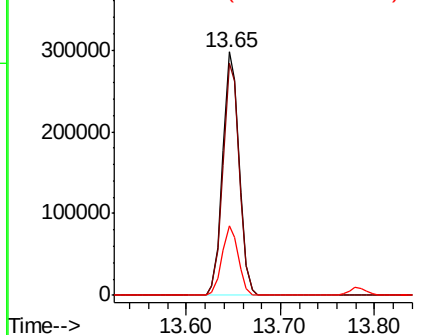
Tot Ion:	180	Resp:	358645
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.4	145.0
145	28.4	14.3	42.9

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:42:56 PM

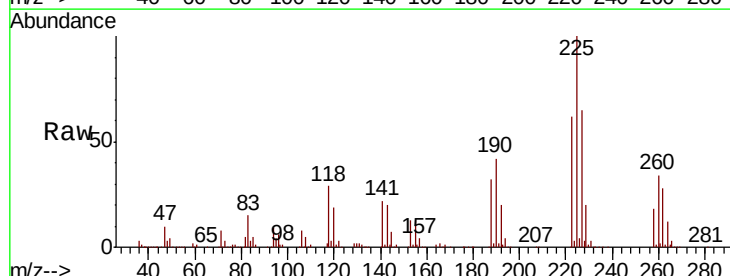


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

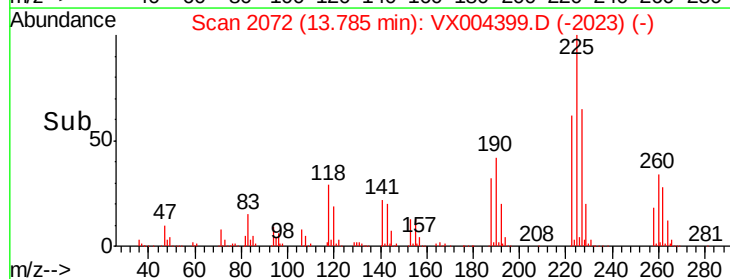
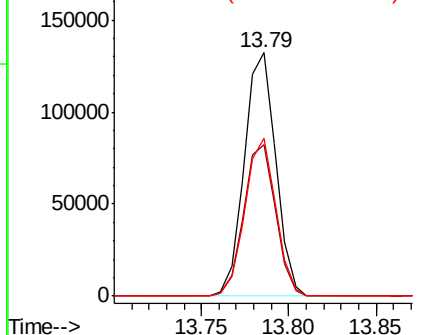


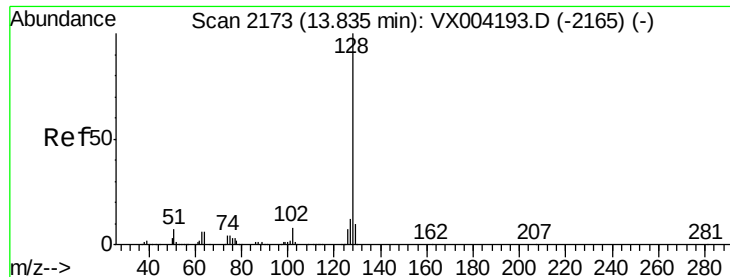
#94
 Hexachlorobutadiene
 Concen: 53.89 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004399.D
 Acq: 06 Sep 2018 21:34

Tgt Ion:	225	Resp:	165165
Ion Ratio	Lower	Upper	
225	100		
223	63.5	30.1	90.5
227	64.0	30.8	92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 60.75 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1132225

Ion Ratio Lower Upper

128 100

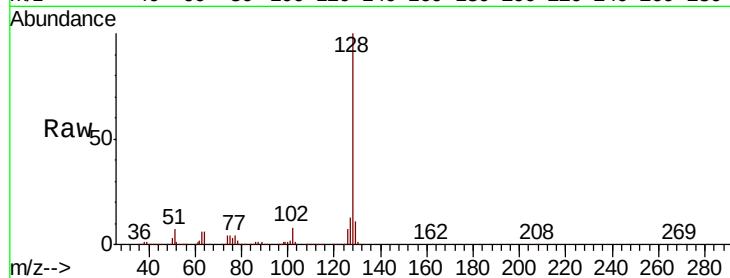
127 12.8 10.2 15.2

129 11.0 8.6 12.8

Manual Integrations
APPROVED

MMDadoda

9/7/2018 1:42:56 PM

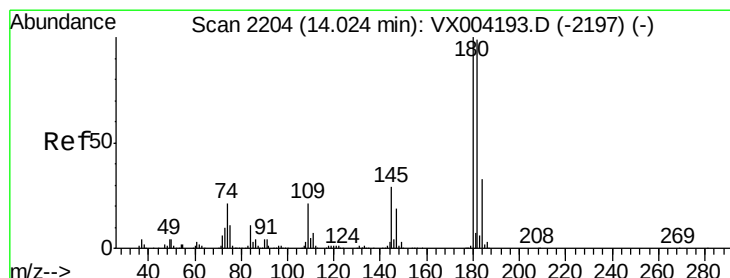
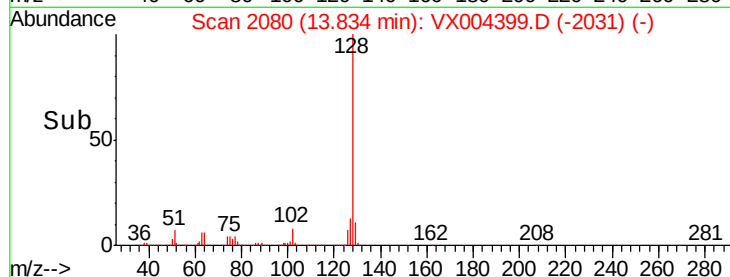
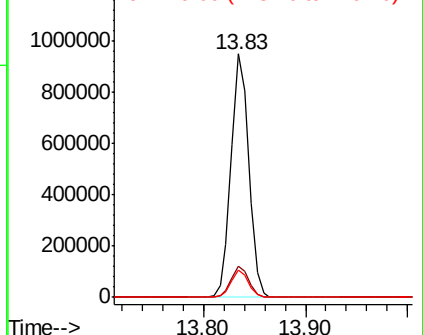


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.02 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004399.D

Acq: 06 Sep 2018 21:34

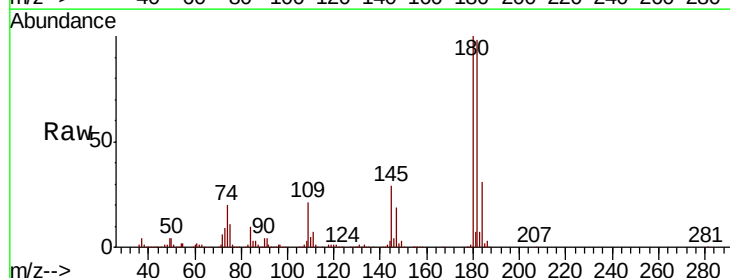
Tgt Ion:180 Resp: 376831

Ion Ratio Lower Upper

180 100

182 96.8 48.5 145.6

145 30.0 14.9 44.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

