

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004379.D
 Acq On : 06 Sep 2018 12:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:42:53 PM

Quant Time: Sep 07 05:16:55 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	383279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	537391	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	499859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	312772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	220272	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	
35) Dibromofluoromethane	5.50	113	195481	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	8.71	98	722807	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.14	95	280640	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	176778	39.82	ug/l	97
3) Chloromethane	1.32	50	194779	39.76	ug/l	100
4) Vinyl Chloride	1.40	62	227029	45.21	ug/l	99
5) Bromomethane	1.63	94	103921	41.64	ug/l	99
6) Chloroethane	1.71	64	161873	45.23	ug/l	100
7) Trichlorofluoromethane	1.92	101	325345	47.28	ug/l	95
8) Diethyl Ether	2.18	74	147500	50.05	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212569	49.31	ug/l	99
10) Methyl Iodide	2.51	142	218095	45.28	ug/l	98
11) Tert butyl alcohol	3.07	59	259844	244.02	ug/l	99
12) 1,1-Dichloroethene	2.37	96	192728	47.47	ug/l	96
13) Acrolein	2.29	56	52290	203.68	ug/l	100
14) Allyl chloride	2.72	41	369623	49.55	ug/l	98
15) Acrylonitrile	3.15	53	645983	244.95	ug/l	99
16) Acetone	2.45	43	573195	282.12	ug/l	98
17) Carbon Disulfide	2.56	76	475242	42.27	ug/l	99
18) Methyl Acetate	2.78	43	459745	62.02	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	696304	52.04	ug/l	98
20) Methylene Chloride	2.85	84	223392	46.45	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	209300	46.57	ug/l	96
22) Diisopropyl ether	3.87	45	697881	50.10	ug/l	97
23) Vinyl Acetate	3.82	43	2697583	238.95	ug/l	100
24) 1,1-Dichloroethane	3.69	63	403021	49.65	ug/l	99
25) 2-Butanone	4.70	43	869787	259.96	ug/l	99
26) 2,2-Dichloropropane	4.58	77	329922	51.82	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	251674	49.37	ug/l	99
28) Bromochloromethane	5.01	49	162858	45.32	ug/l	100
29) Tetrahydrofuran	5.16	42	529982	246.93	ug/l	99
30) Chloroform	5.21	83	399004	49.03	ug/l	99
31) Cyclohexane	5.57	56	340946	48.68	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	334836	49.34	ug/l	99
36) 1,1-Dichloropropene	5.79	75	299241	49.53	ug/l	99
37) Ethyl Acetate	4.85	43	300546	50.58	ug/l	99
38) Carbon Tetrachloride	5.77	117	290602	51.13	ug/l	97

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Quant Time: Sep 07 05:16:55 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	371798	53.90	ug/l	100
40) Benzene	6.14	78	916224	50.75	ug/l	99
41) Methacrylonitrile	5.06	41	179514	52.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	304450	49.44	ug/l	99
43) Isopropyl Acetate	6.46	43	492917	53.99	ug/l	99
44) Trichloroethene	7.21	130	254922	51.01	ug/l	99
45) 1,2-Dichloropropane	7.51	63	238488	52.78	ug/l	99
46) Dibromomethane	7.66	93	150300	49.96	ug/l	98
47) Bromodichloromethane	7.90	83	296612	52.99	ug/l	99
48) Methyl methacrylate	7.77	41	261385	53.50	ug/l	98
49) 1,4-Dioxane	7.76	88	113144	1020.07	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1658651	250.03	ug/l	99
52) Toluene	8.79	92	587480	51.99	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	345187	55.83	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	376136	55.85	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	240563	52.74	ug/l	98
56) Ethyl methacrylate	9.18	69	359766	57.94	ug/l	97
57) 1,3-Dichloropropane	9.37	76	403458	52.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	775494	243.73	ug/l	99
59) 2-Hexanone	9.50	43	1289915	254.88	ug/l	99
60) Dibromochloromethane	9.59	129	246746	55.52	ug/l	99
61) 1,2-Dibromoethane	9.67	107	245122	51.92	ug/l	99
64) Tetrachloroethene	9.34	164	269920	54.66	ug/l	98
65) Chlorobenzene	10.14	112	649231	51.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	236917	54.75	ug/l	97
67) Ethyl Benzene	10.26	91	1108836	54.42	ug/l	99
68) m/p-Xylenes	10.36	106	843964	105.94	ug/l	97
69) o-Xylene	10.70	106	420710	55.83	ug/l	99
70) Styrene	10.71	104	721034	59.09	ug/l	98
71) Bromoform	10.86	173	191885	55.01	ug/l	98
73) Isopropylbenzene	11.02	105	1167163	56.82	ug/l	99
74) N-amyl acetate	10.90	43	432986	54.74	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	363200	50.52	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	329174m	51.75	ug/l	
77) Bromobenzene	11.26	156	308517	53.54	ug/l	99
78) n-propylbenzene	11.36	91	1345392	56.94	ug/l	99
79) 2-Chlorotoluene	11.42	91	781127	53.71	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	965035	56.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	112415	57.34	ug/l	95
82) 4-Chlorotoluene	11.51	91	922132	53.89	ug/l	99
83) tert-Butylbenzene	11.77	119	977525	57.11	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1005510	57.58	ug/l	99
85) sec-Butylbenzene	11.94	105	1216850	59.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	1105610	60.71	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	577159	53.20	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	582591	50.93	ug/l	99
89) n-Butylbenzene	12.39	91	935983	63.21	ug/l	98
90) Hexachloroethane	12.60	117	152930	60.08	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	546799	55.14	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	68442	54.05	ug/l	92

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MSVOA_X
ClientSampleId :
VSTDCCC050

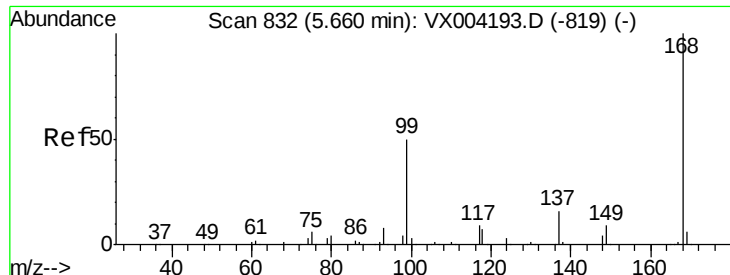
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	434660	60.25	ug/l	98
94) Hexachlorobutadiene	13.79	225	219368	65.40	ug/l	95
95) Naphthalene	13.83	128	1264187	61.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	450248	58.95	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 383279

Ion Ratio Lower Upper

168 100

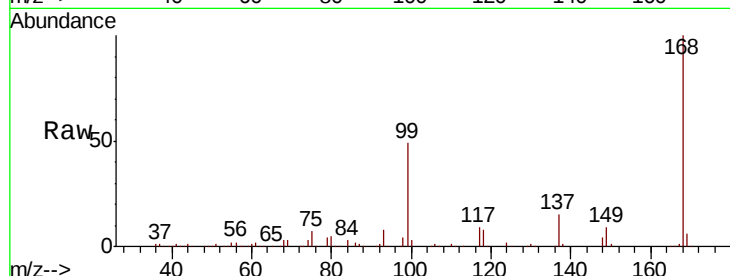
99 48.7 39.9 59.9

Manual Integrations

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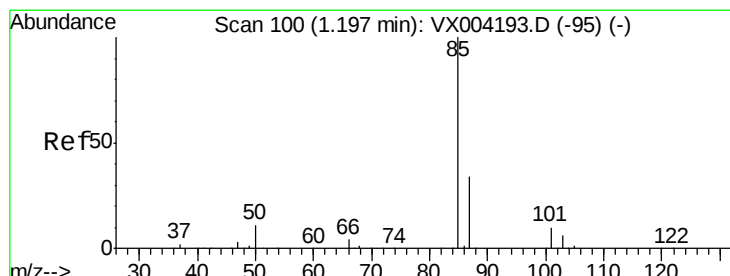
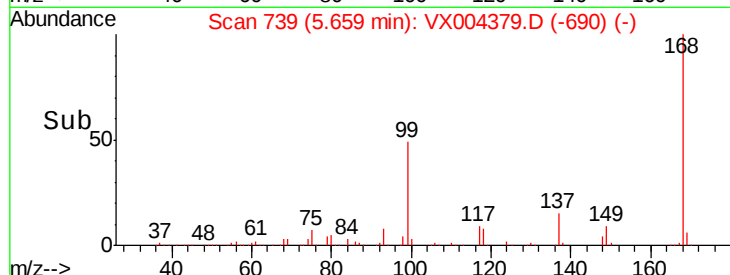
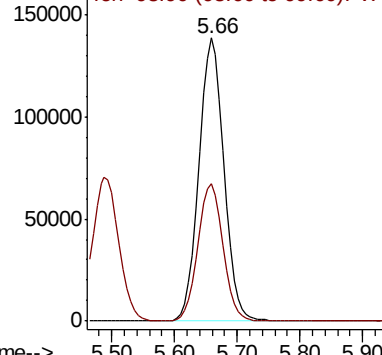
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 39.82 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004379.D

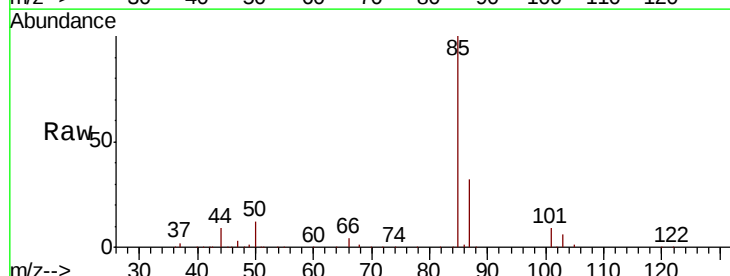
Acq: 06 Sep 2018 12:19

Tgt Ion: 85 Resp: 176778

Ion Ratio Lower Upper

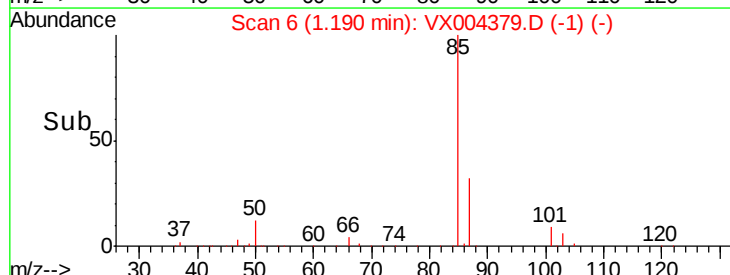
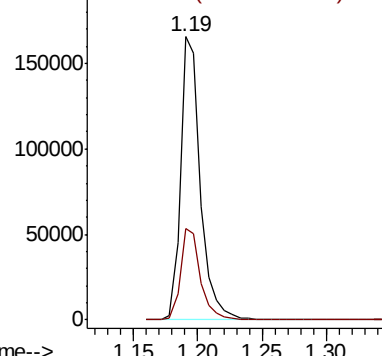
85 100

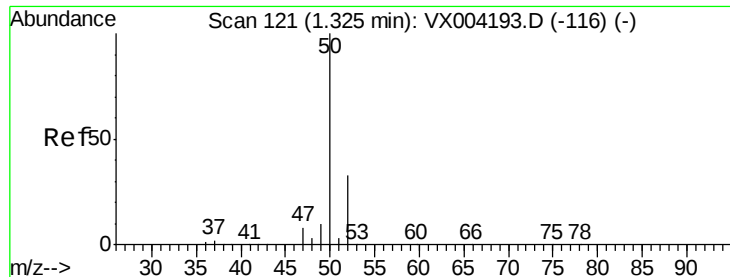
87 32.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.76 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 194779

Ion Ratio Lower Upper

50 100

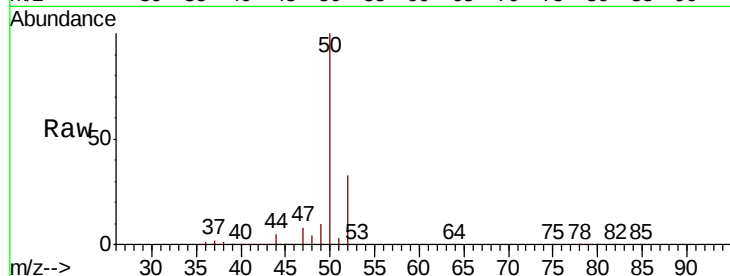
52 32.8 26.2 39.2

Manual Integrations

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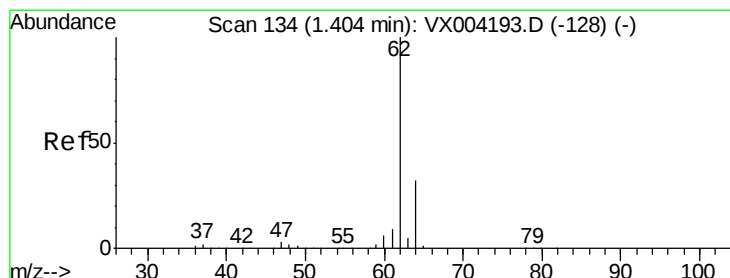
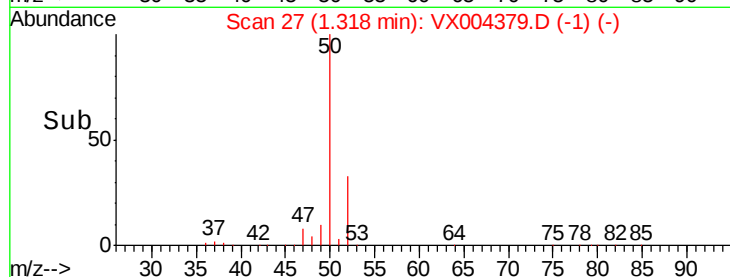
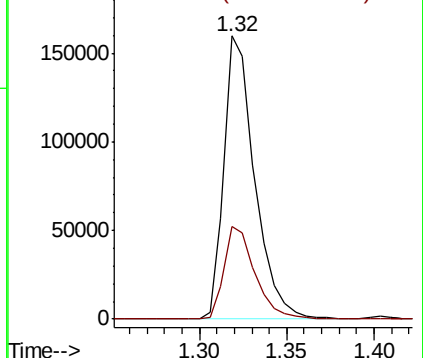
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.21 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004379.D

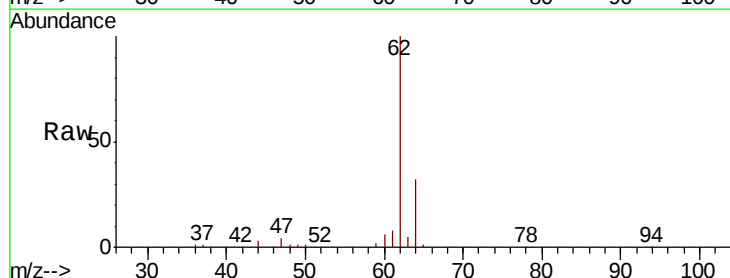
Acq: 06 Sep 2018 12:19

Tgt Ion: 62 Resp: 227029

Ion Ratio Lower Upper

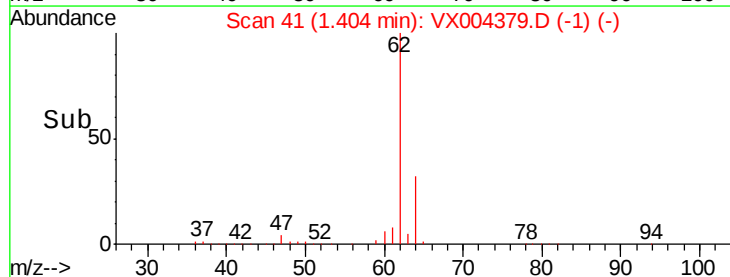
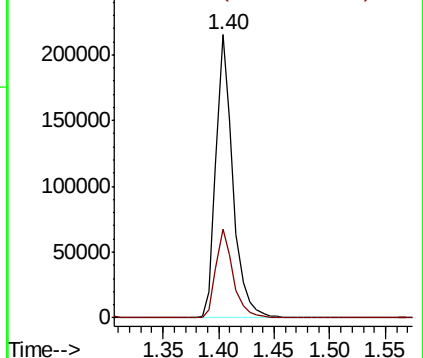
62 100

64 31.5 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: 41.64 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tot Ion: 94 Resp: 103921

Ion Ratio Lower Upper

94 100

96 93.8 74.5 111.7

Instrument :

MSVOA_X

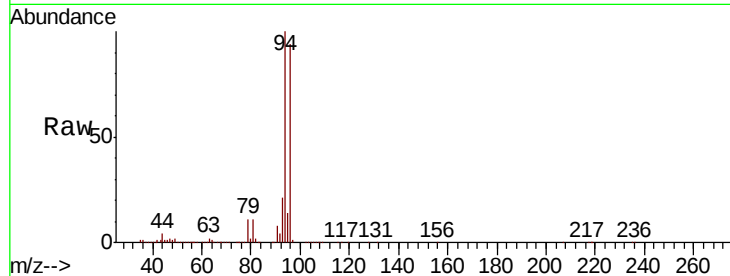
ClientSampleId :

VSTDCCC050

Manual Integrations
APPROVED

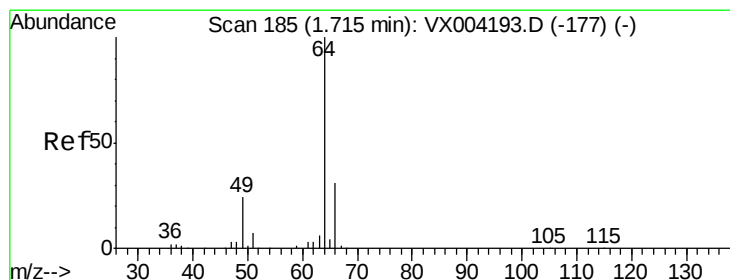
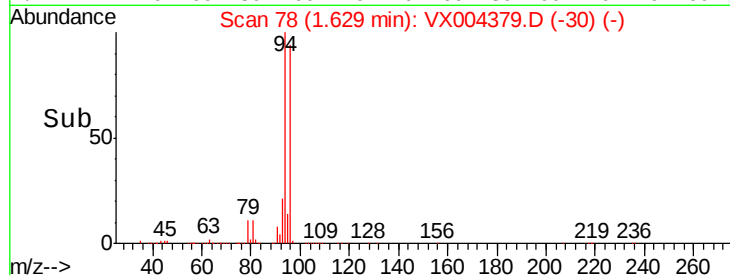
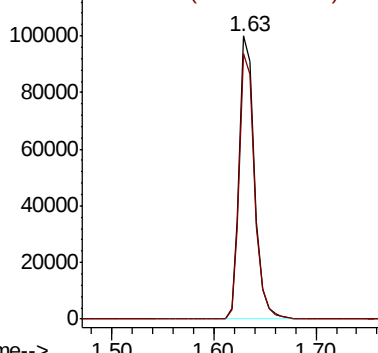
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.23 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004379.D

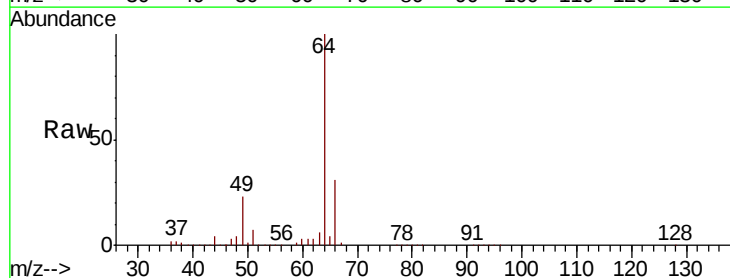
Acq: 06 Sep 2018 12:19

Tgt Ion: 64 Resp: 161873

Ion Ratio Lower Upper

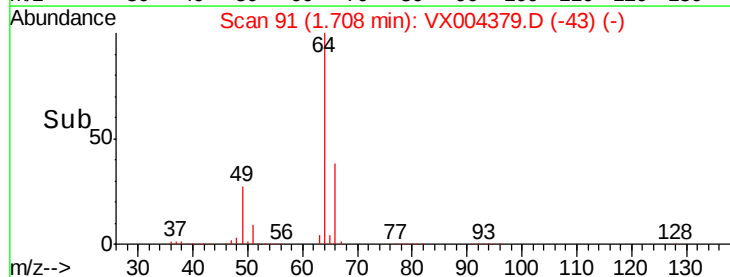
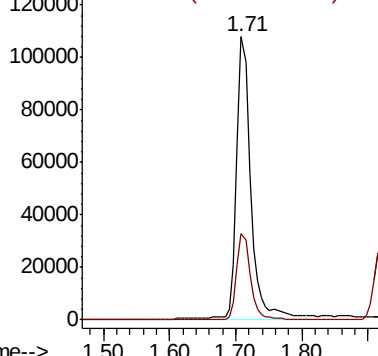
64 100

66 30.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

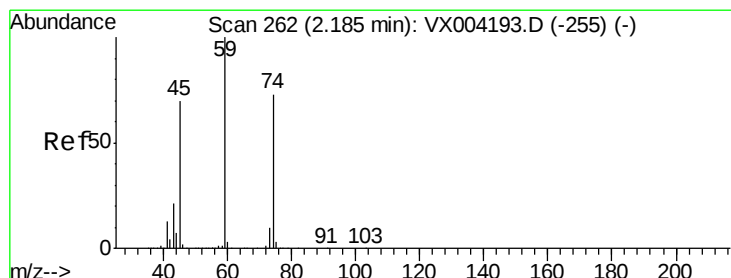
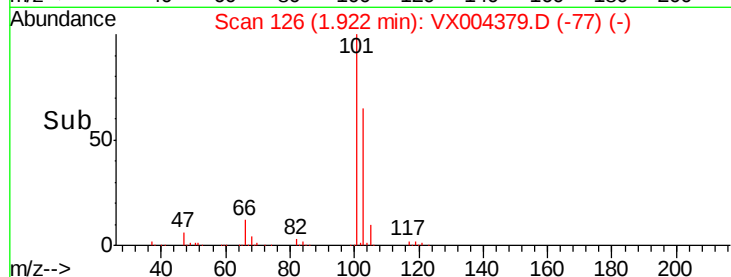
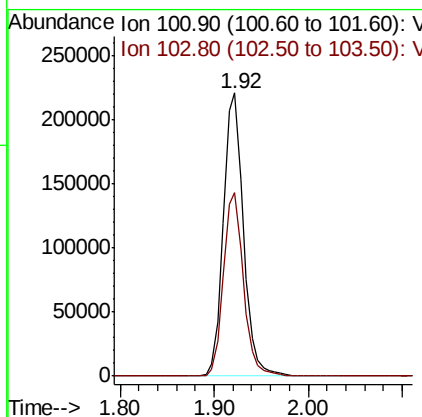
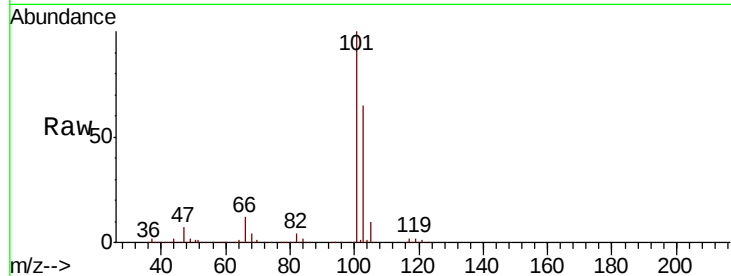
Trichlorofluoromethane
 Concen: 47.28 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	325345		
103	64.8	48.9	73.3	

Manual Integrations
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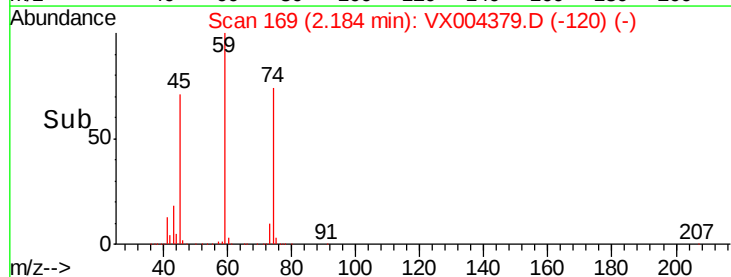
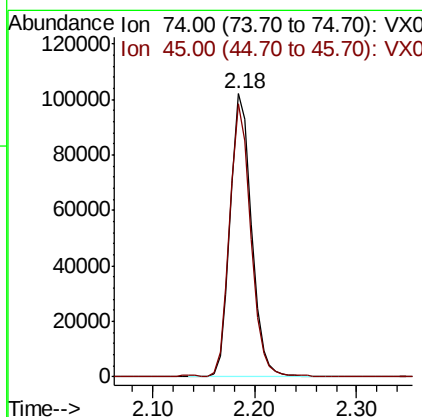
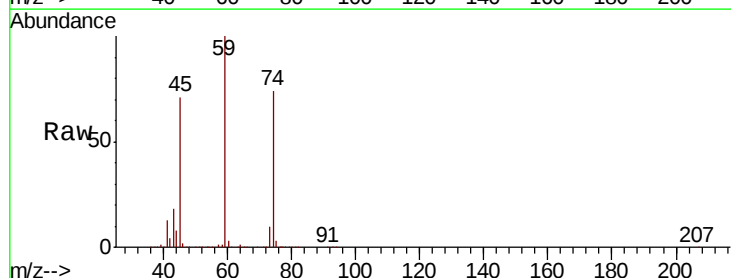
MMDadoda
 9/7/2018 1:42:53 PM

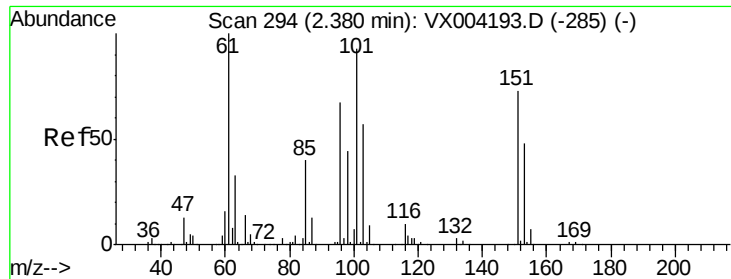


#8

Diethyl Ether
 Concen: 50.05 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	147500		
45	95.0	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.31 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

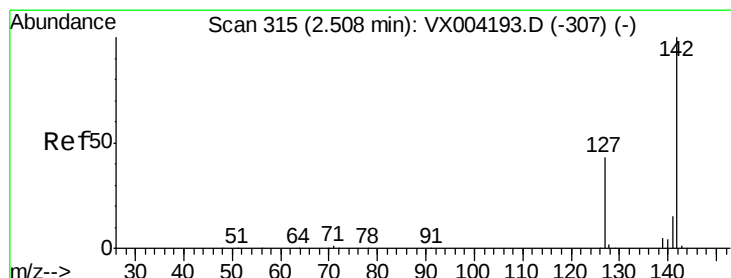
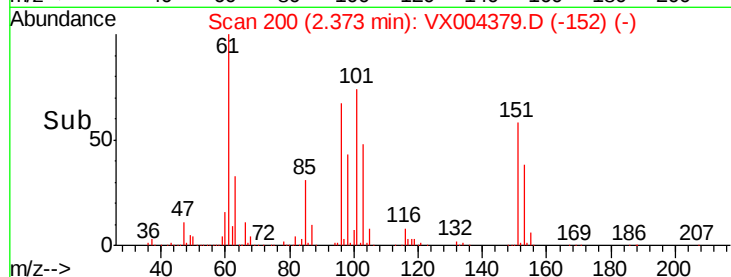
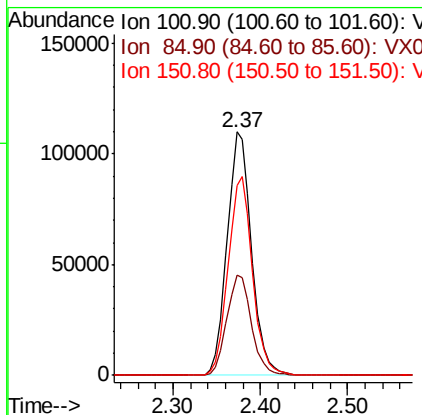
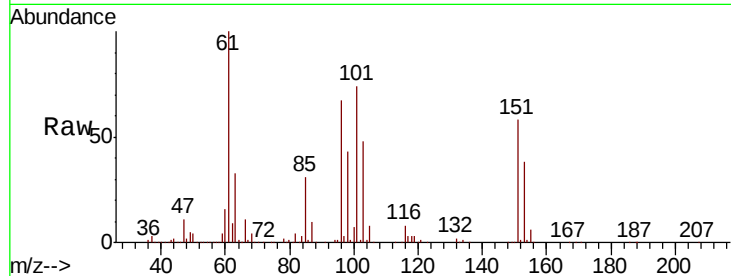
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	212569
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.2	51.4
151	81.7	65.0	97.6

Manual Integrations
APPROVED

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9/7/2018 1:42:53 PM



#10

Methyl Iodide

Concen: 45.28 ug/l

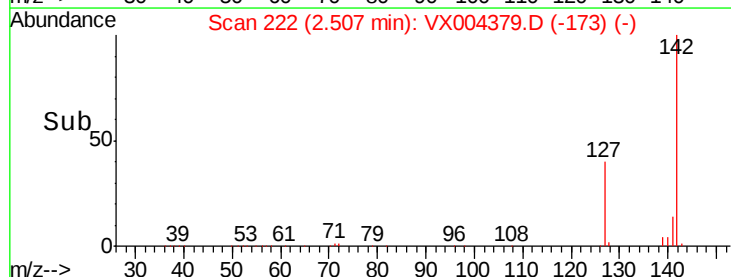
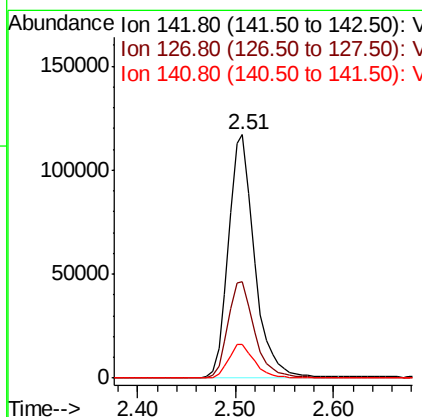
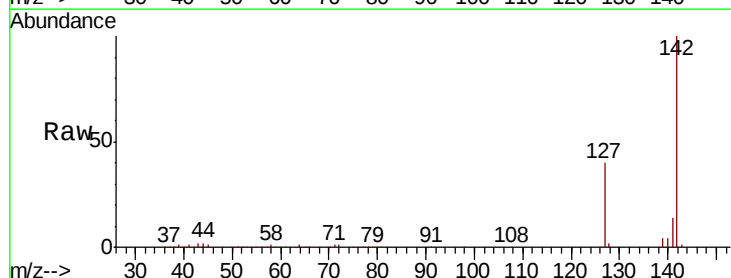
RT: 2.51 min Scan# 222

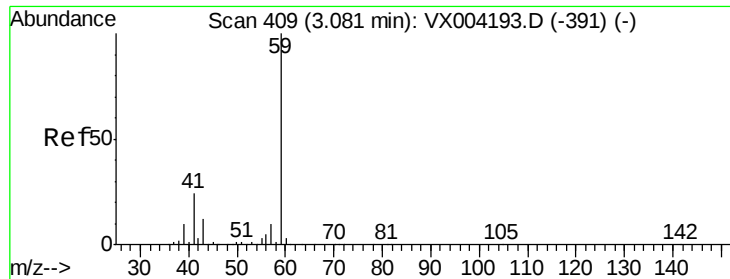
Delta R.T. 0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion:	142	Resp:	218095
Ion Ratio	Lower	Upper	
142	100		
127	40.3	33.8	50.6
141	14.0	11.4	17.0





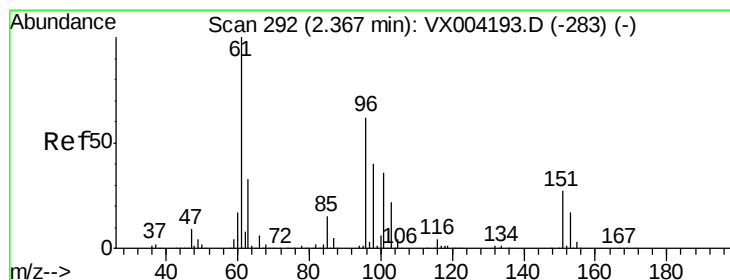
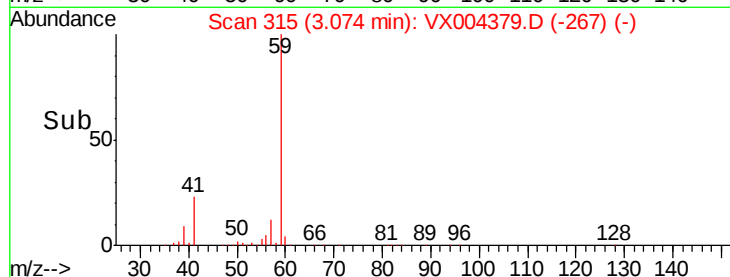
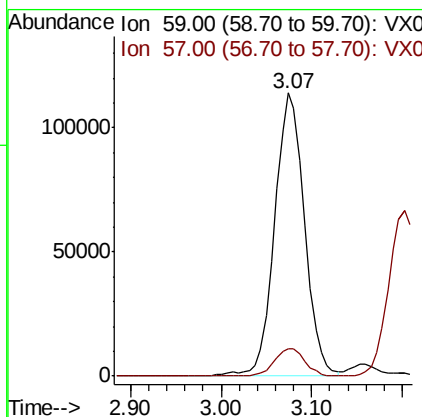
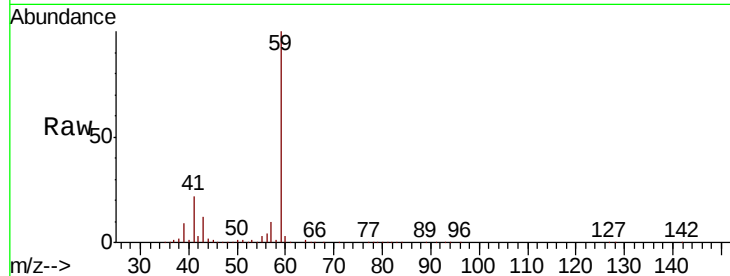
#11
Tert butyl alcohol
Concen: 244.02 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.4

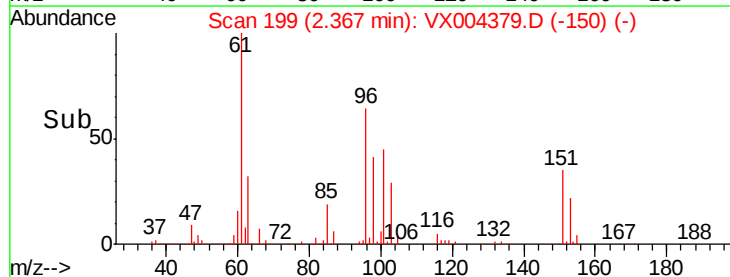
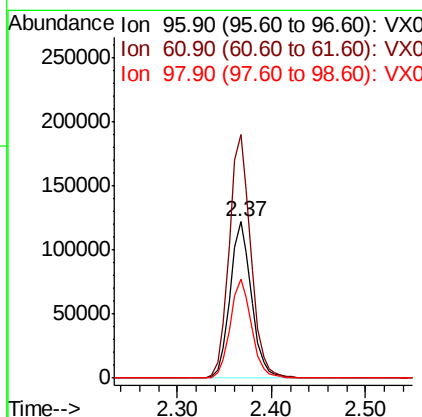
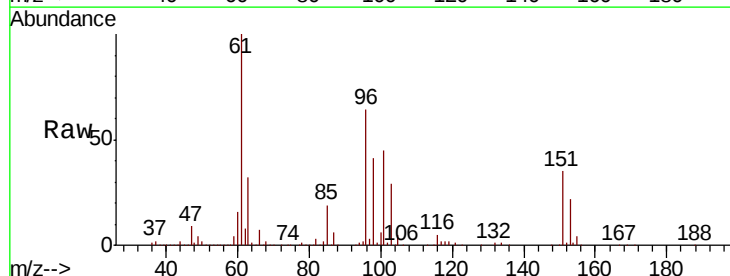
Manual Integrations
APPROVED

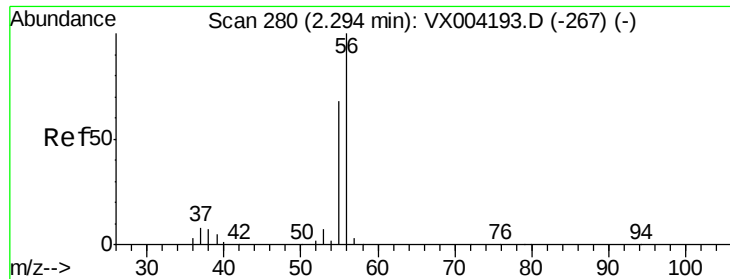
MMDadoda
9/7/2018 1:42:53 PM



#12
1,1-Dichloroethene
Concen: 47.47 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	128.8	193.2
98	63.4	52.2	78.2





#13

Acrolein

Concen: 203.68 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 52290

Ion Ratio Lower Upper

56 100

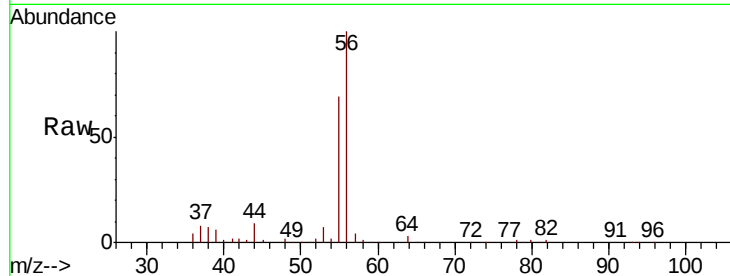
55 68.5 54.7 82.1

Manual Integrations

APPROVED

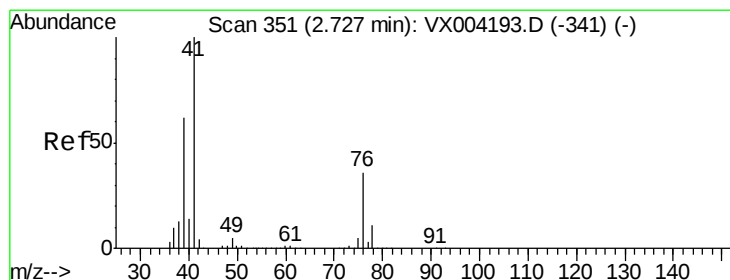
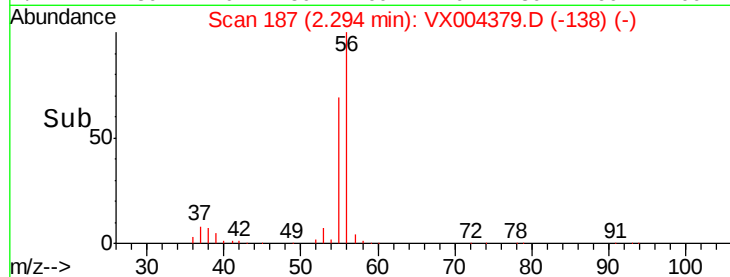
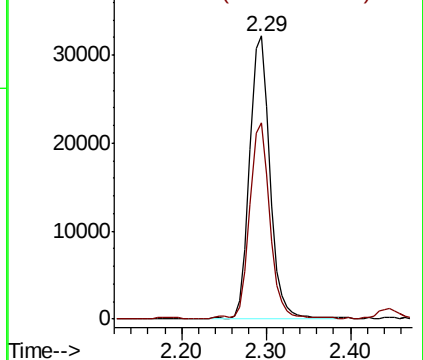
MMDadoda

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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: 49.55 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

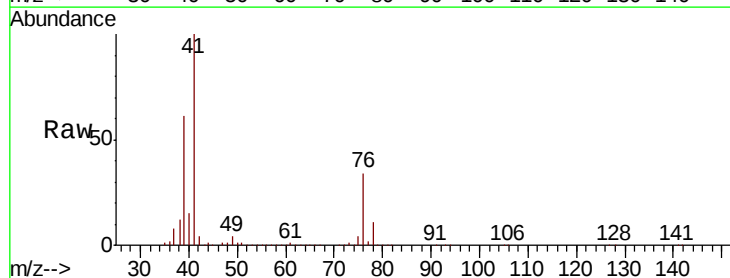
Tgt Ion: 41 Resp: 369623

Ion Ratio Lower Upper

41 100

39 58.6 48.9 73.3

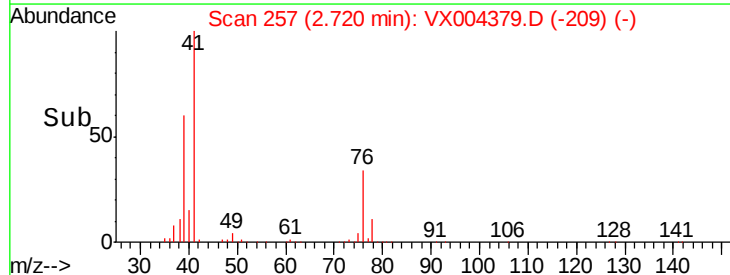
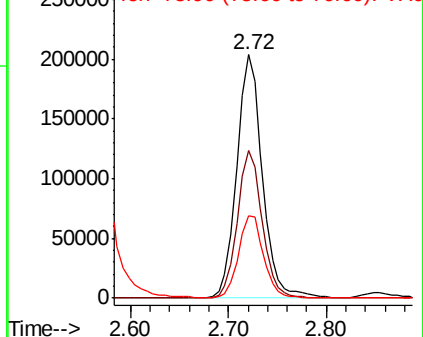
76 33.4 26.7 40.1



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: 244.95 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

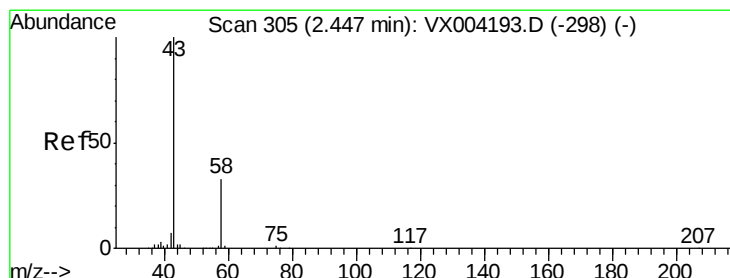
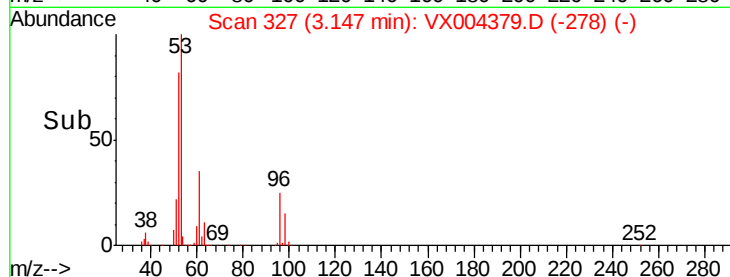
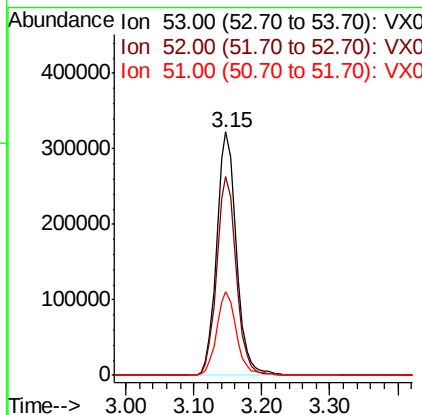
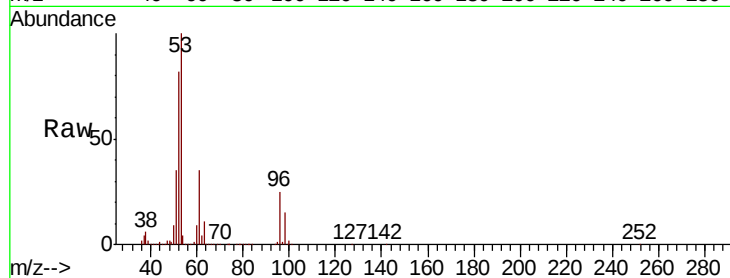
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	645983
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.2	97.8
51	34.4	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 282.12 ug/l

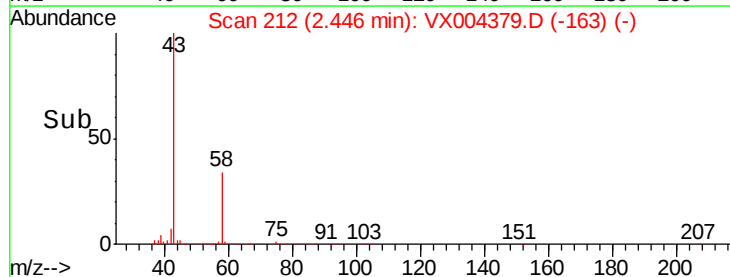
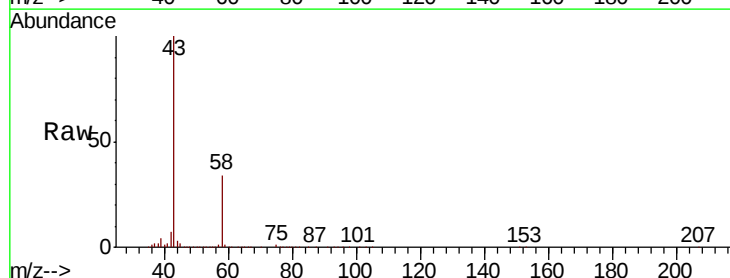
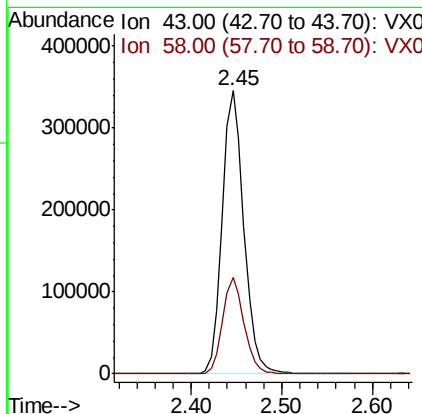
RT: 2.45 min Scan# 212

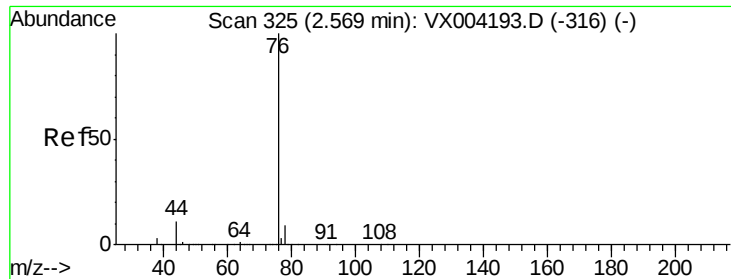
Delta R.T. 0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion:	43	Resp:	573195
Ion	Ratio	Lower	Upper
43	100		
58	33.9	26.2	39.4





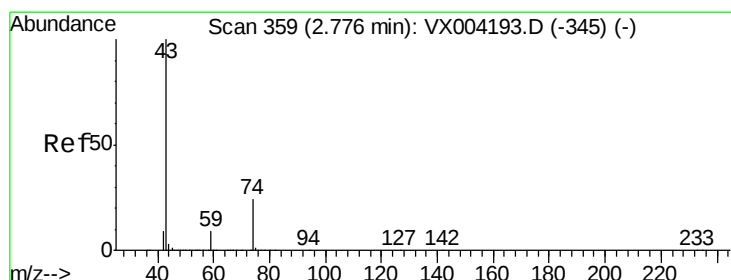
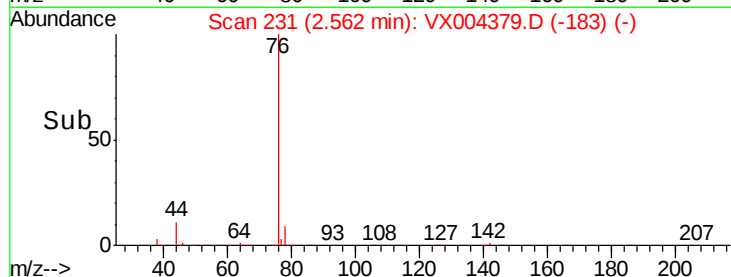
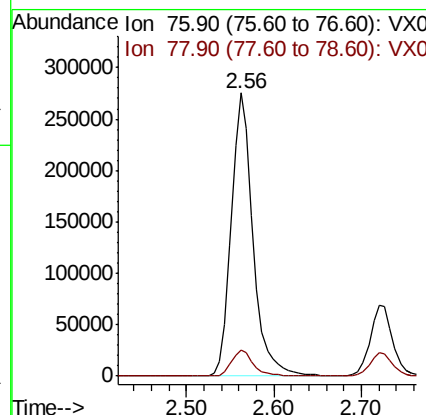
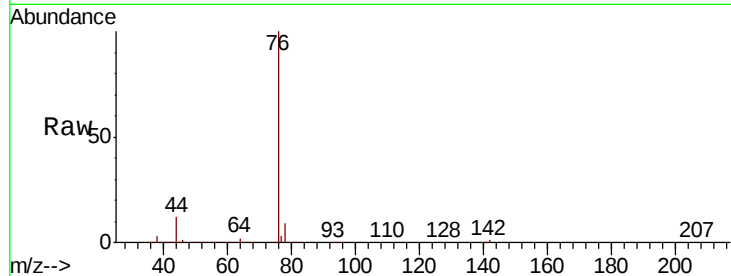
#17
Carbon Disulfide
Concen: 42.27 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

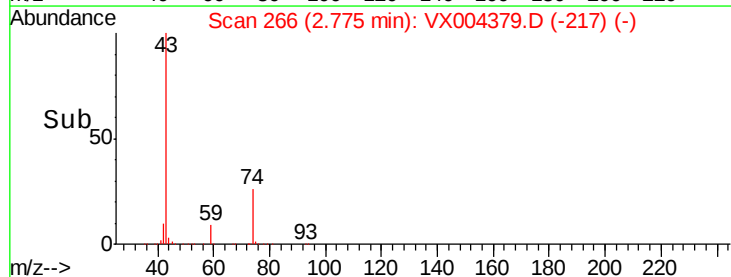
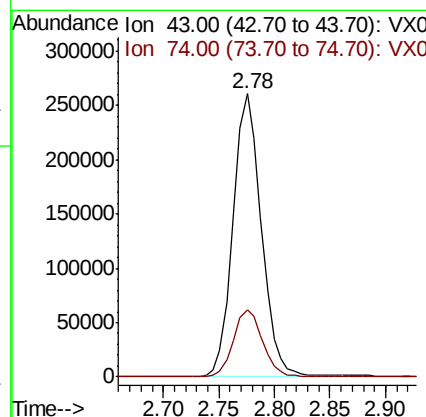
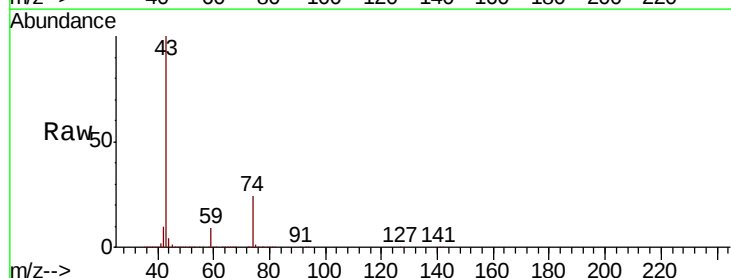
Manual Integrations
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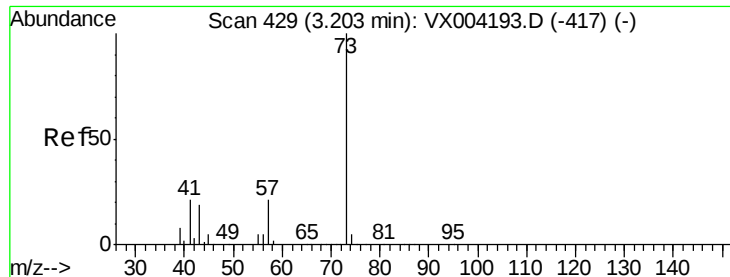
MMDadoda
9/7/2018 1:42:53 PM



#18
Methyl Acetate
Concen: 62.02 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.4	29.2





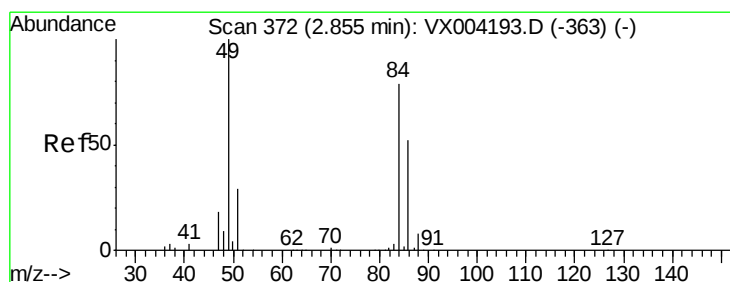
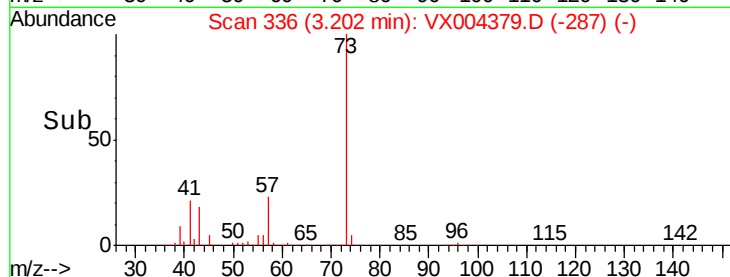
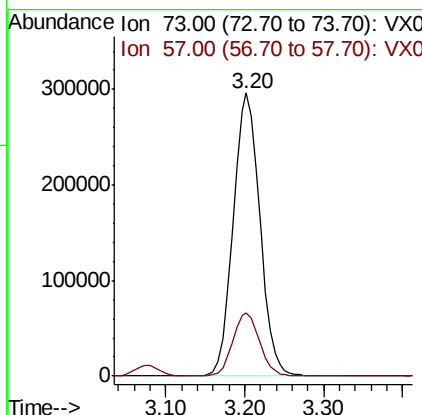
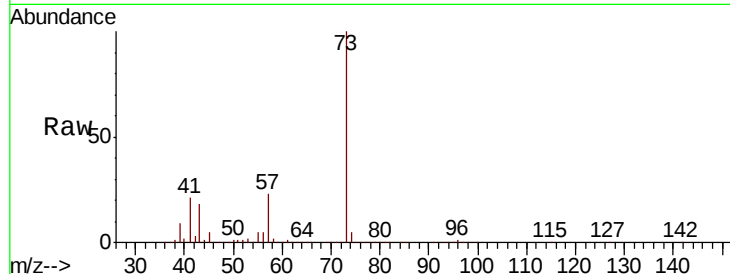
#19
Methvl tert-butvl Ether
Concen: 52.04 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 696304
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7

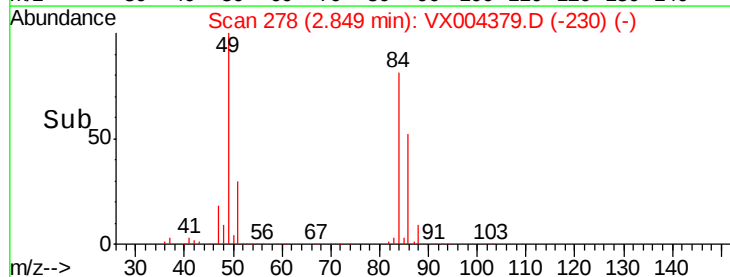
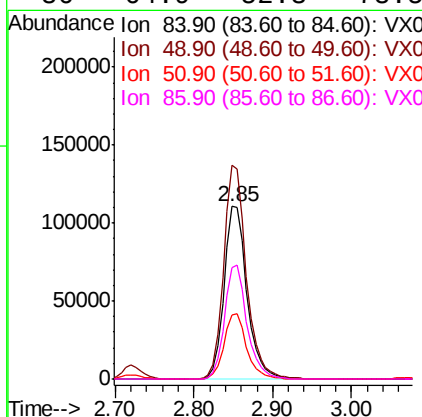
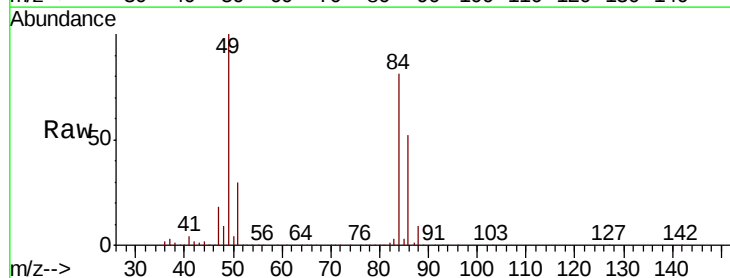
Manual Integrations
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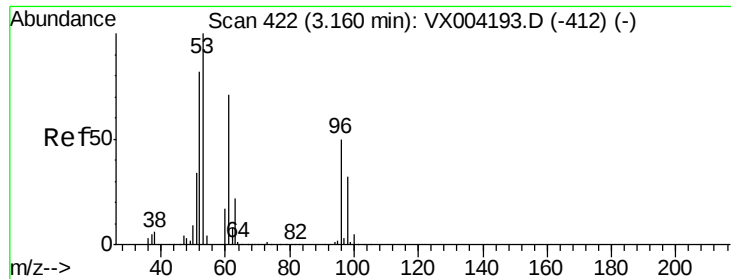
MMDadoda
9/7/2018 1:42:53 PM



#20
Methylene Chloride
Concen: 46.45 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 84 Resp: 223392
Ion Ratio Lower Upper
84 100
49 123.9 101.2 151.8
51 37.3 29.5 44.3
86 64.9 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 46.57 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

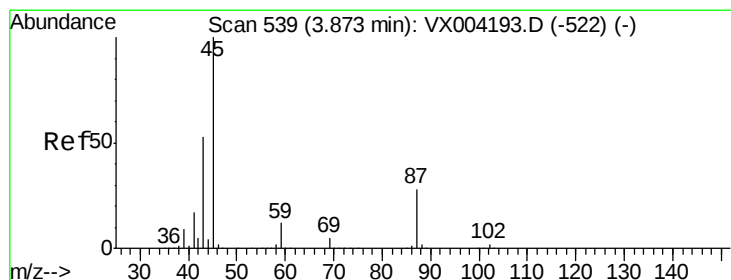
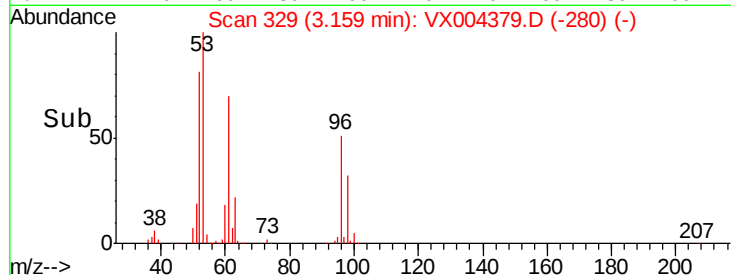
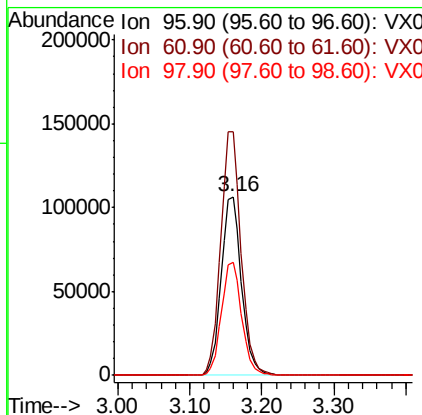
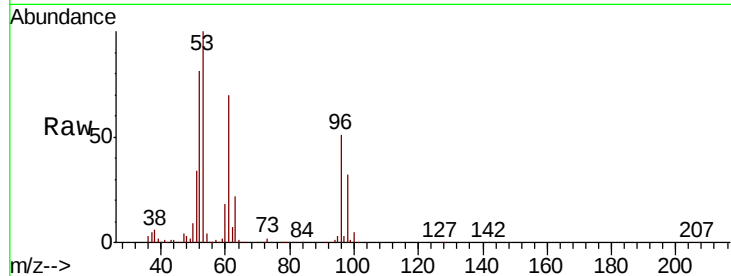
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	209300
Ion	Ratio	Lower	Upper
96	100		
61	136.0	113.8	170.6
98	63.1	51.8	77.8

Manual Integrations
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9/7/2018 1:42:53 PM



#22

Diisopropyl ether

Concen: 50.10 ug/l

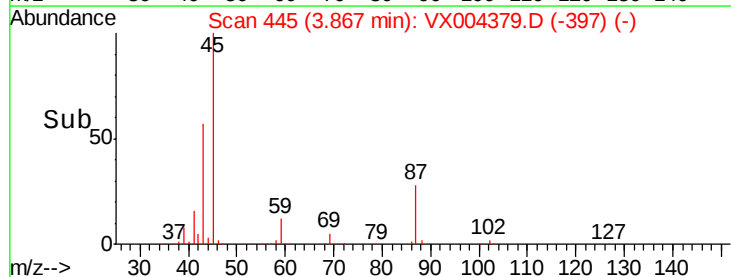
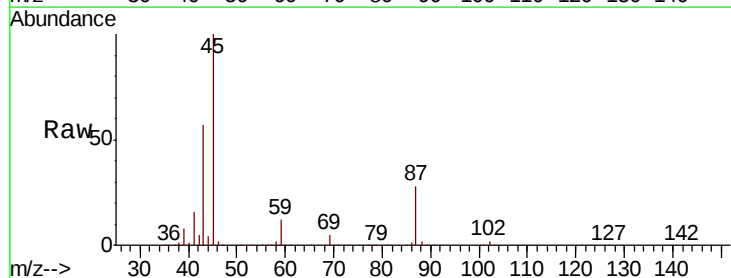
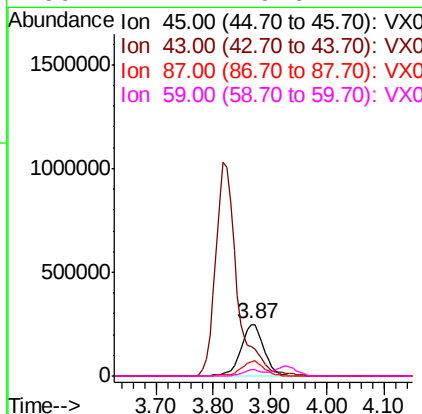
RT: 3.87 min Scan# 445

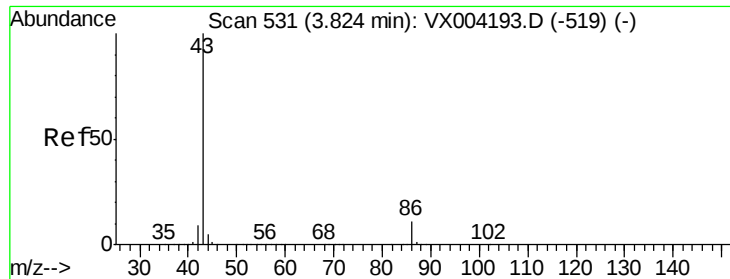
Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion:	45	Resp:	697881
Ion	Ratio	Lower	Upper
45	100		
43	56.8	42.8	64.2
87	28.1	22.6	34.0
59	12.4	9.6	14.4





#23

Vinyl Acetate

Concen: 238.95 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2697583

Ion Ratio Lower Upper

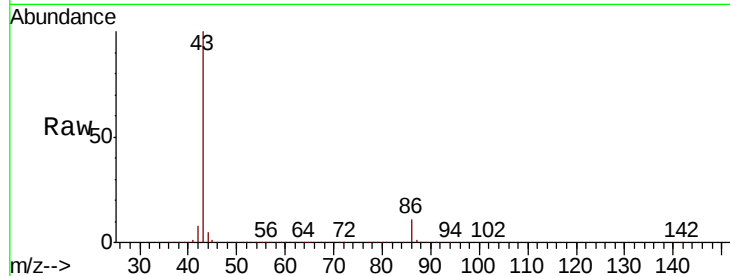
43 100

86 11.1 8.9 13.3

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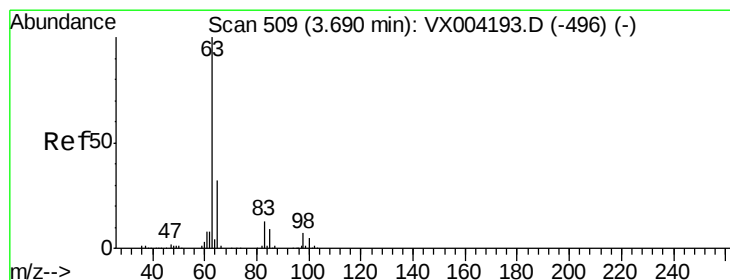
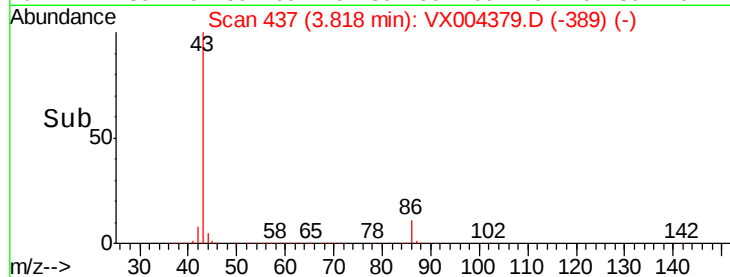
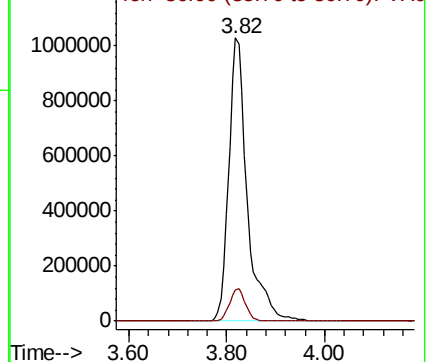
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.65 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

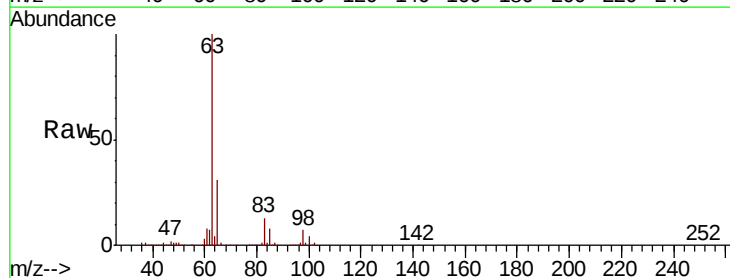
Tgt Ion: 63 Resp: 403021

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

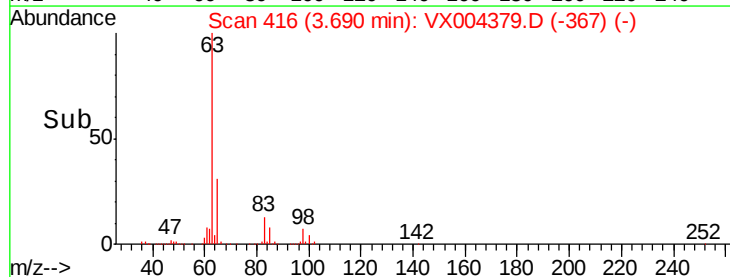
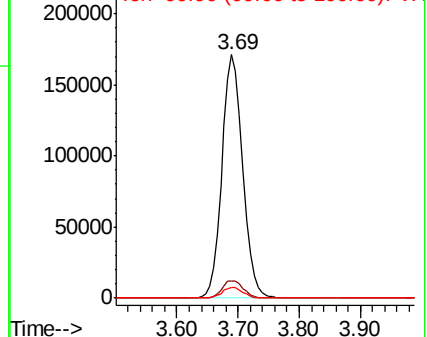
100 4.5 2.4 7.1

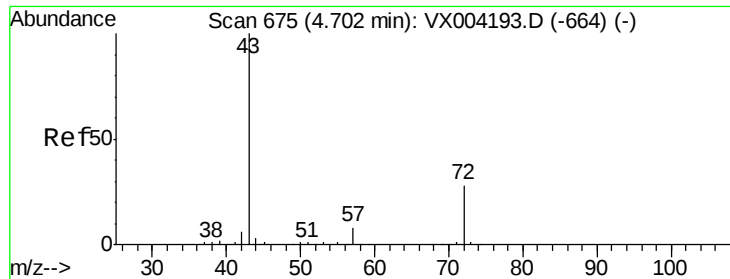


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 259.96 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 869787

Ion Ratio Lower Upper

43 100

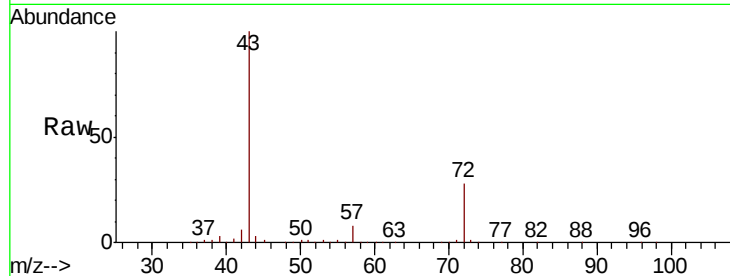
72 27.9 22.0 33.0

Manual Integrations

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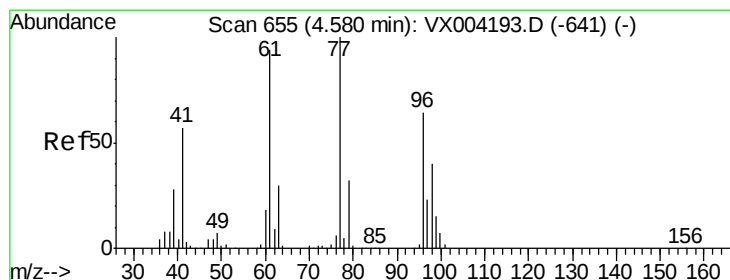
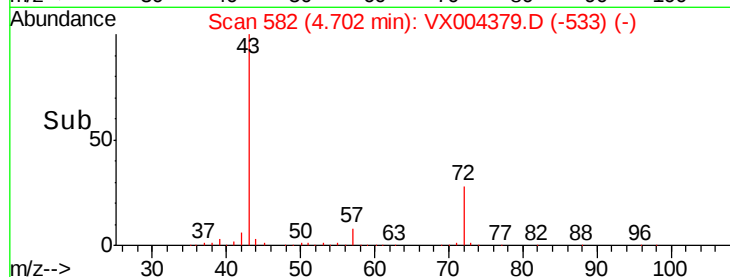
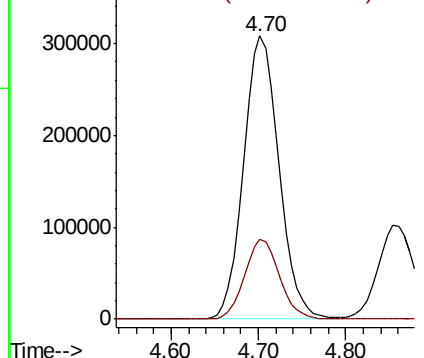
MMDadoda

9/7/2018 1:42:53 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.82 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004379.D

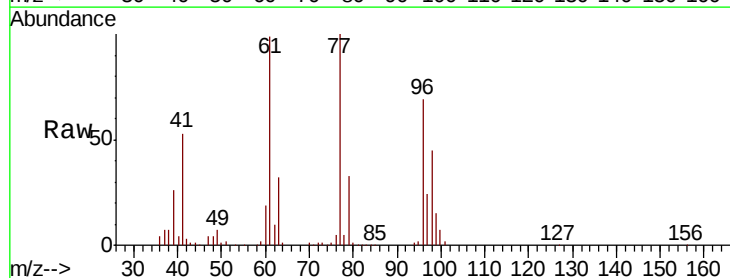
Acq: 06 Sep 2018 12:19

Tgt Ion: 77 Resp: 329922

Ion Ratio Lower Upper

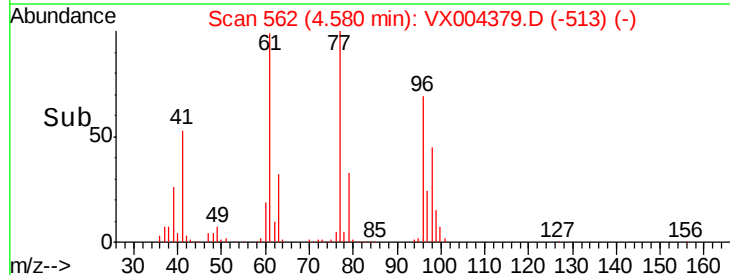
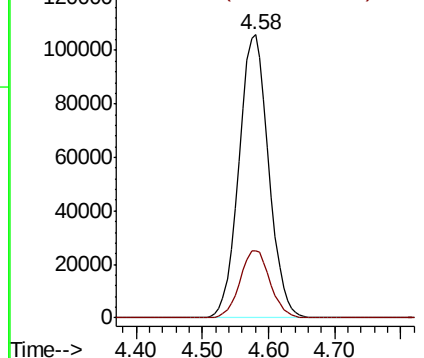
77 100

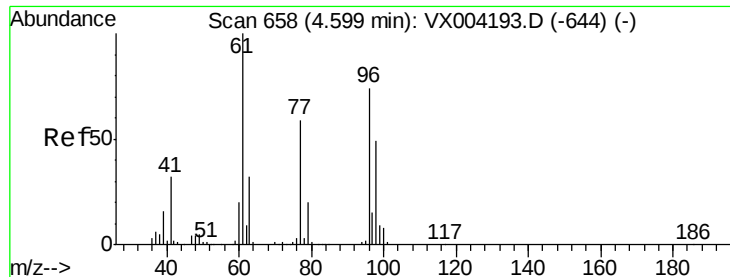
97 24.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 49.37 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

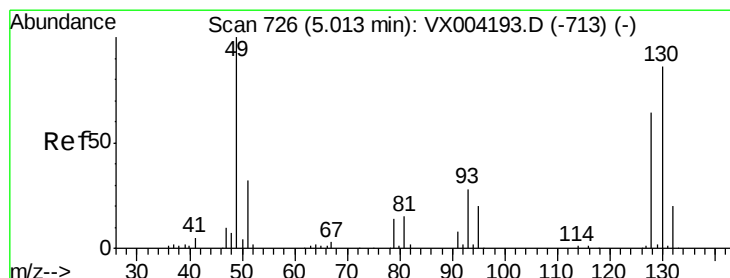
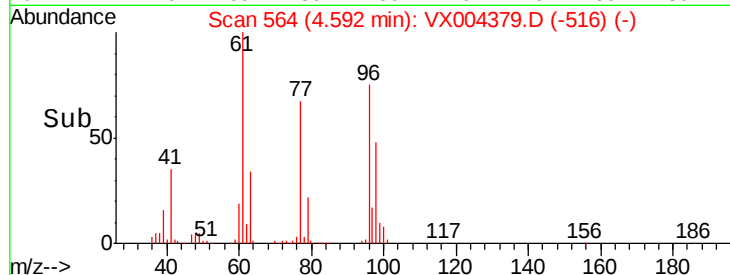
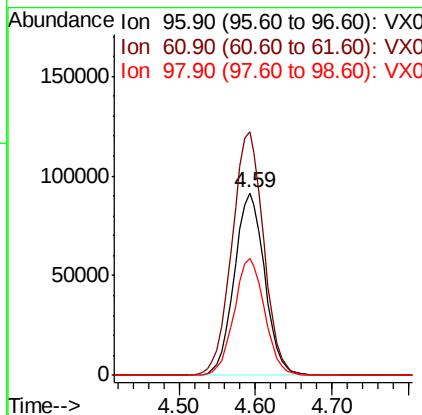
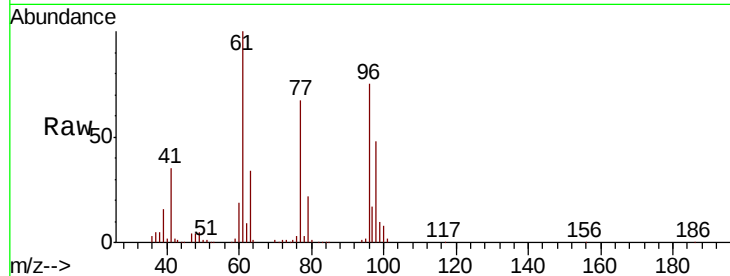
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	251674
Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	282.6
98	64.4	0.0	130.2

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#28

Bromochloromethane

Concen: 45.32 ug/l

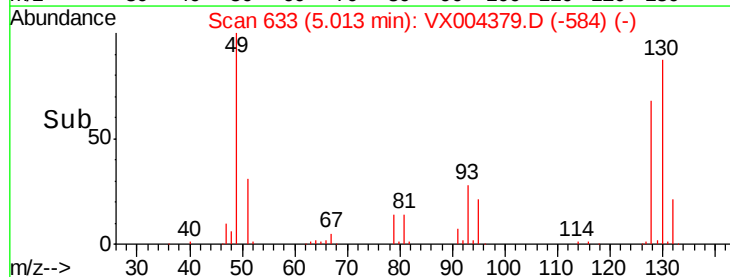
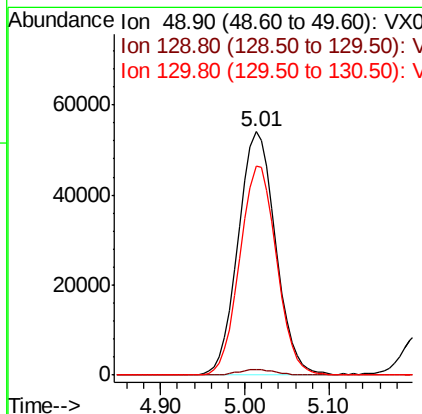
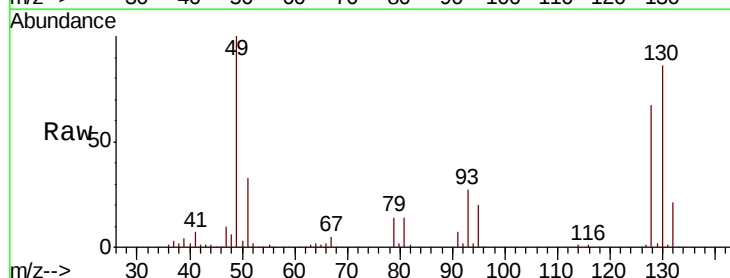
RT: 5.01 min Scan# 633

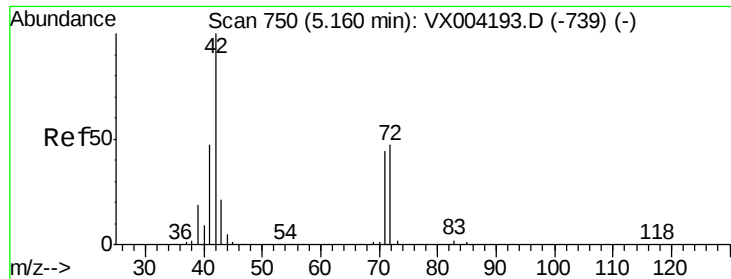
Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion:	49	Resp:	162858
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	84.8	67.5	101.3





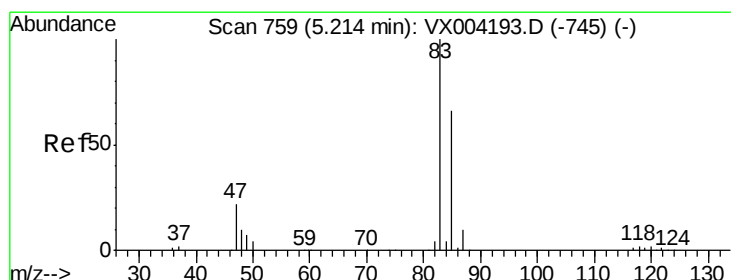
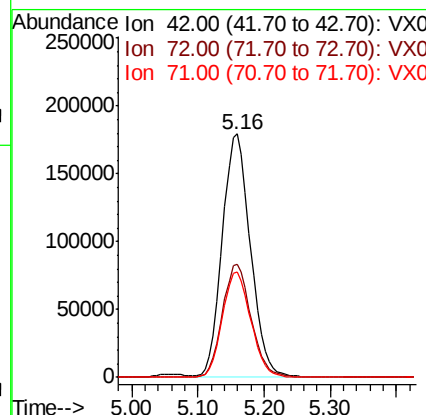
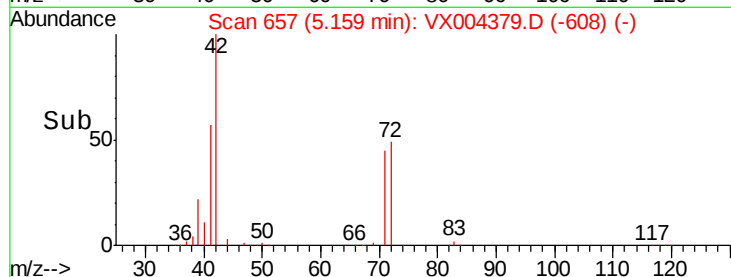
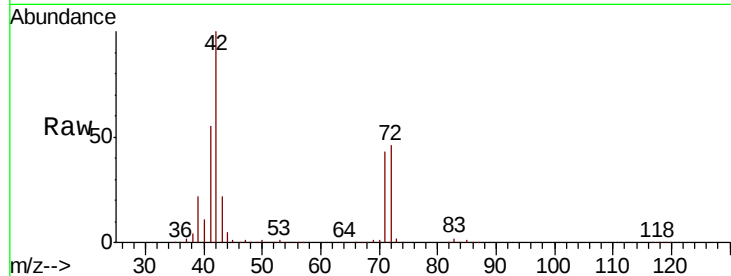
#29
Tetrahydrofuran
Concen: 246.93 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.4	56.0
71	43.6	34.5	51.7

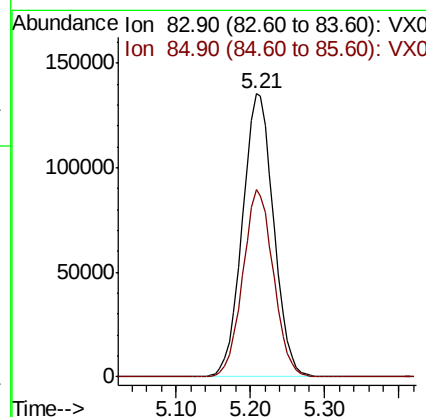
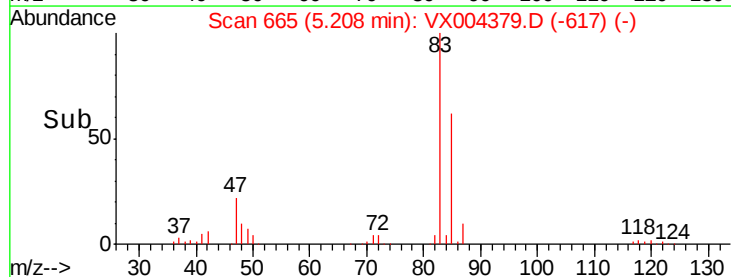
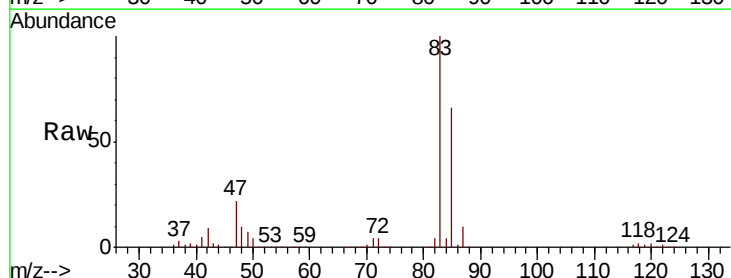
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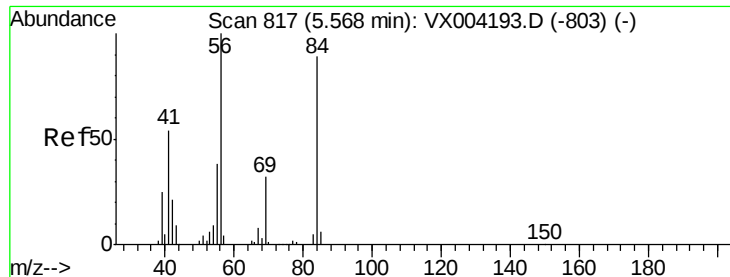
MMDadoda
9/7/2018 1:42:53 PM



#30
Chloroform
Concen: 49.03 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.6	79.0





#31

Cyclohexane

Concen: 48.68 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 340946

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

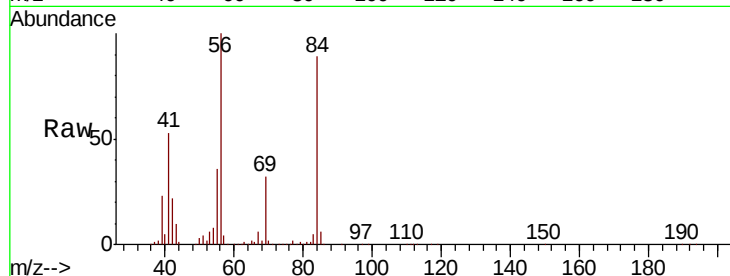
84 87.9 71.4 107.2

Manual Integrations

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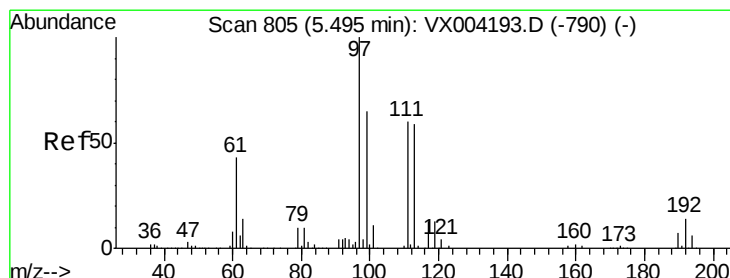
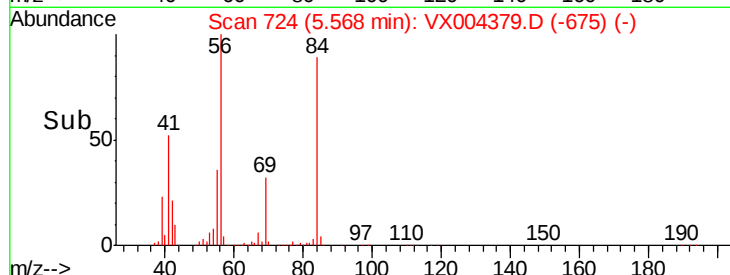
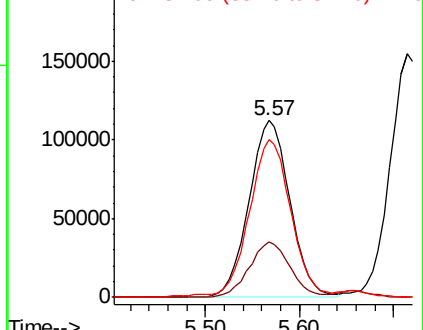


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.34 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

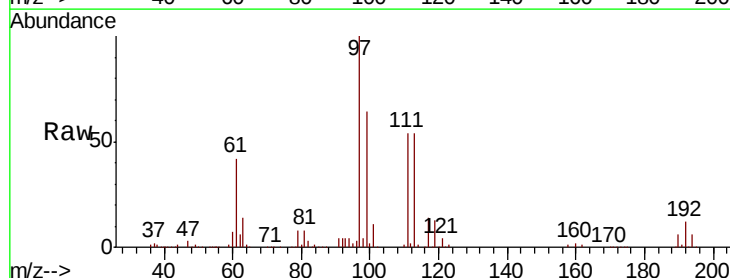
Tgt Ion: 97 Resp: 334836

Ion Ratio Lower Upper

97 100

99 64.8 52.0 78.0

61 42.9 34.9 52.3

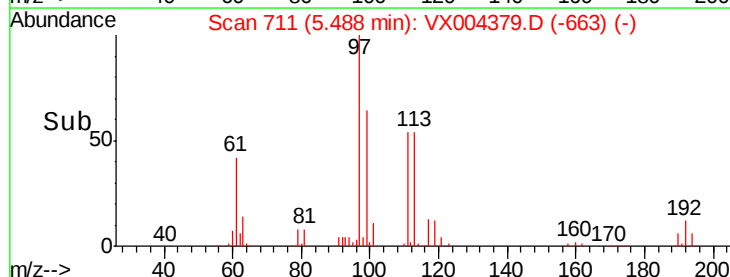
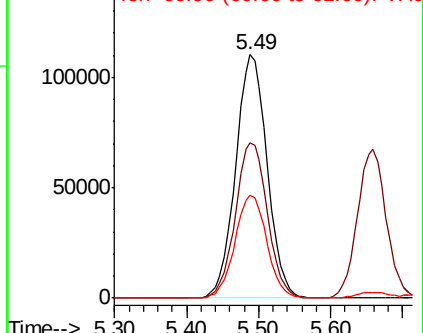


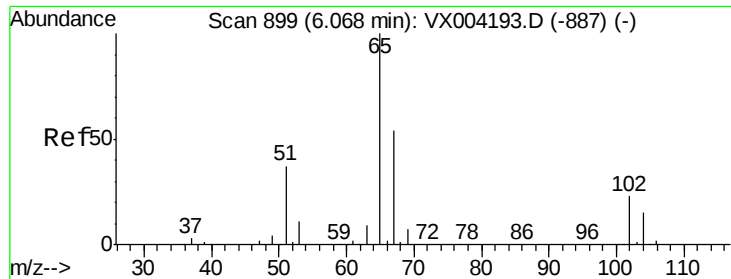
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





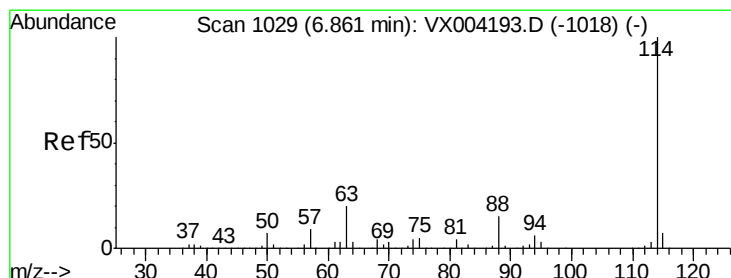
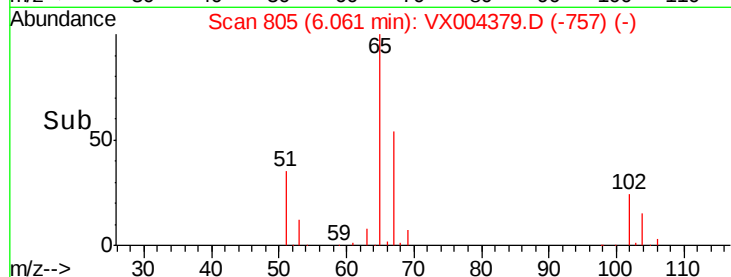
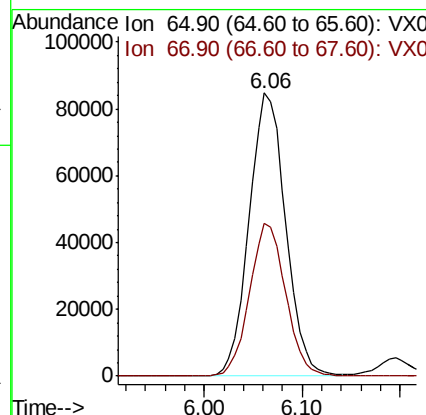
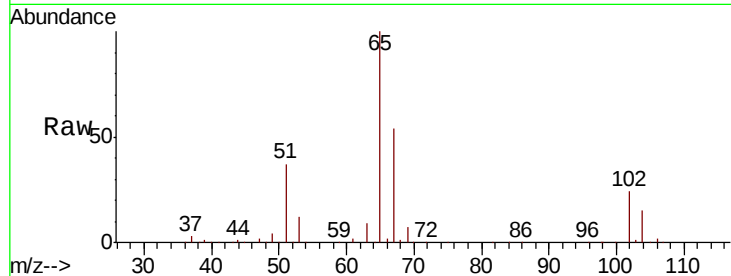
#33
 1,2-Dichloroethane-d4
 Concen: 44.09 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 220272
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8

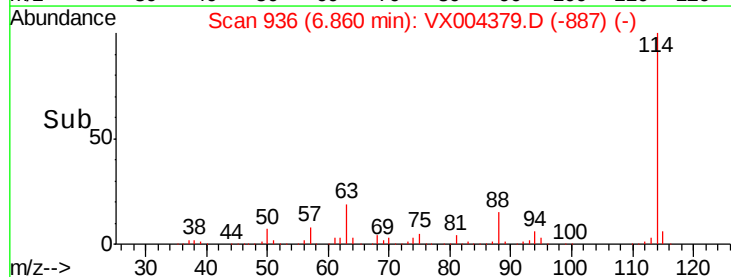
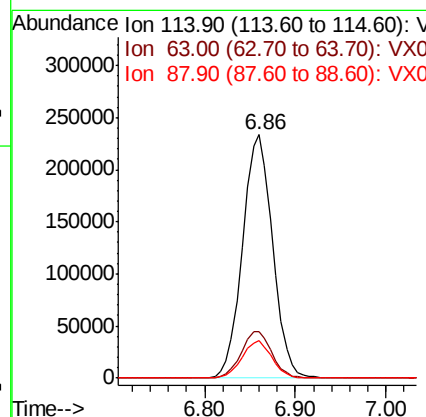
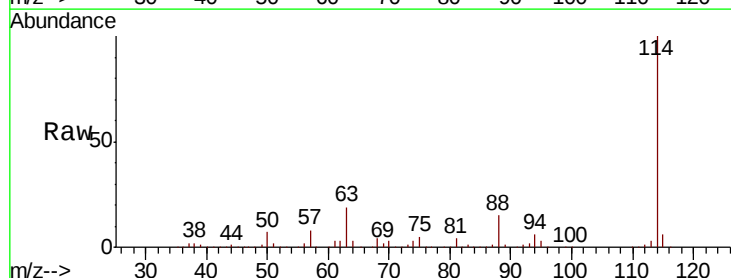
Manual Integrations
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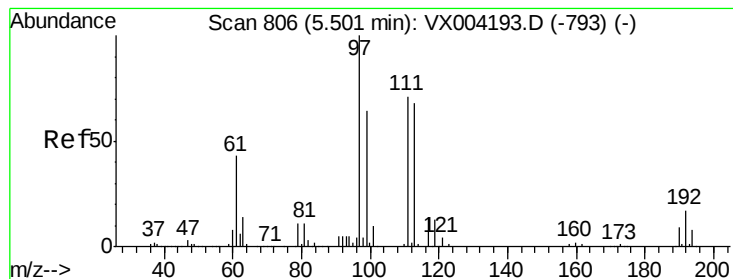
MMDadoda
 9/7/2018 1:42:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion: 114 Resp: 537391
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.0
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.90 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

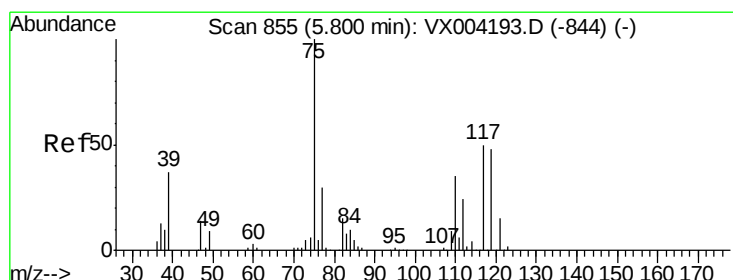
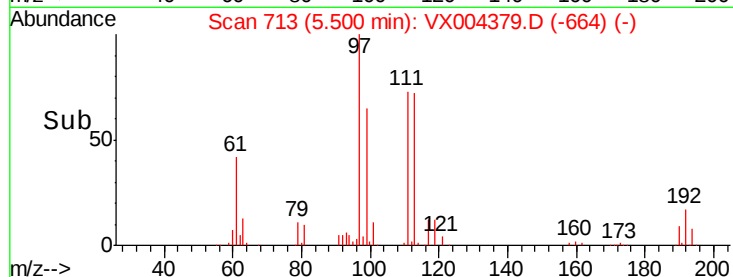
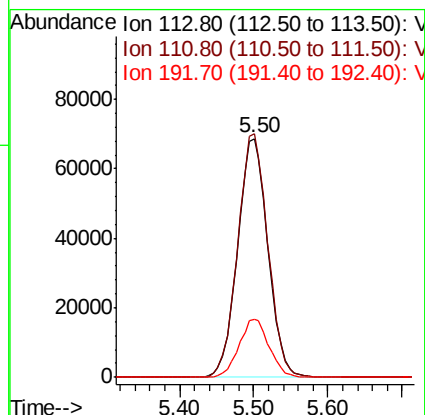
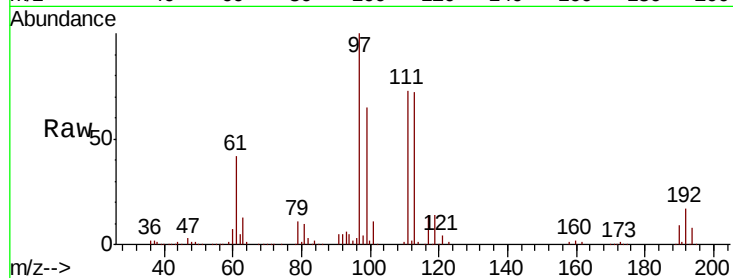
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	195481
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.4	123.6
192	24.1	19.4	29.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.53 ug/l

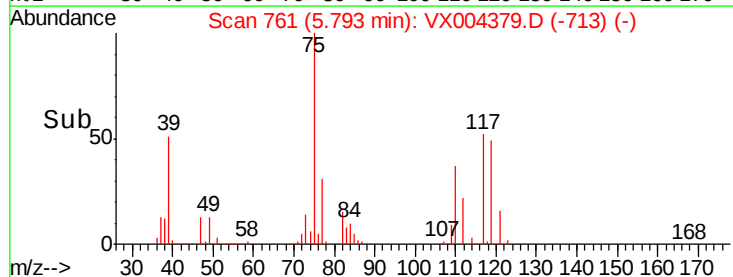
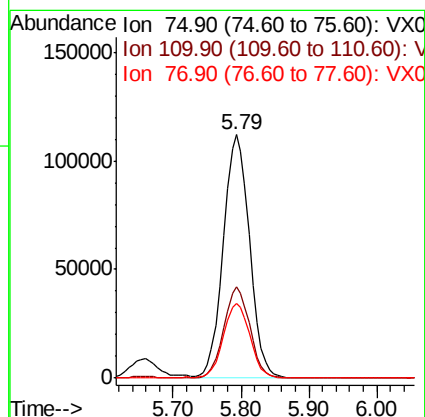
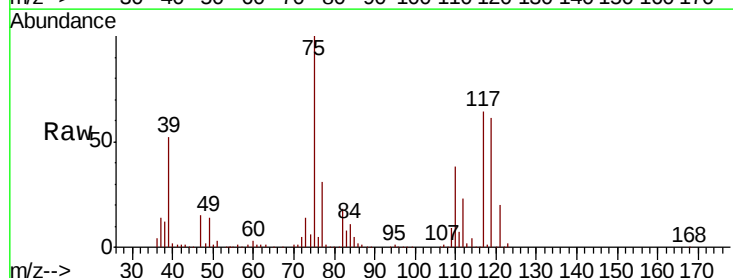
RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion:	75	Resp:	299241
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.0	54.0
77	31.0	24.6	36.8





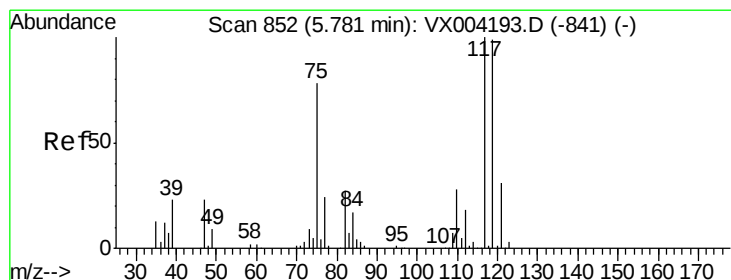
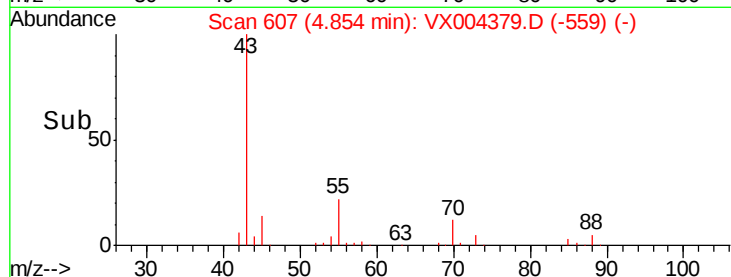
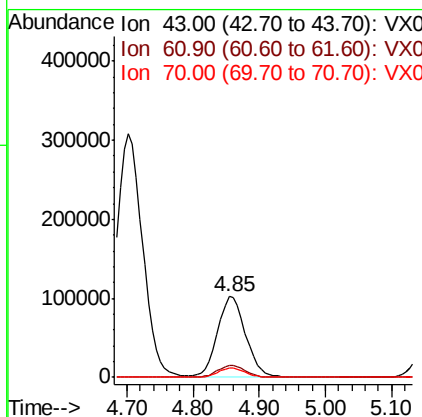
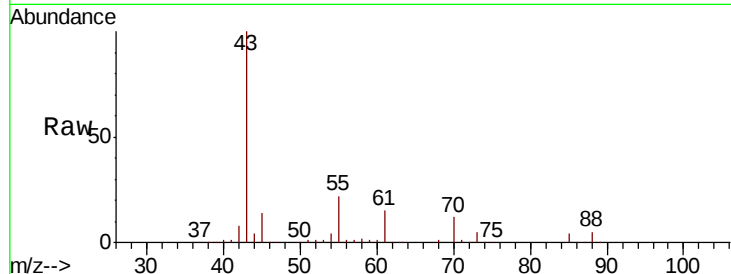
#37
Ethyl Acetate
Concen: 50.58 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	300546
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.5	17.3
70	11.7	9.0	13.6

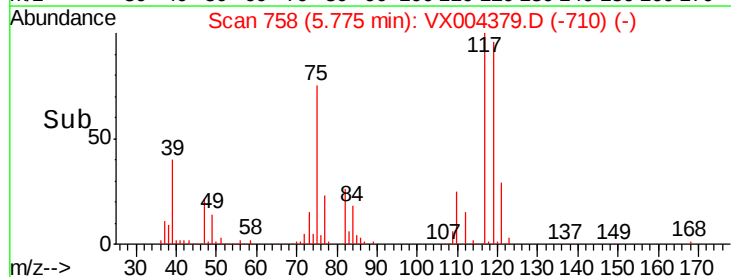
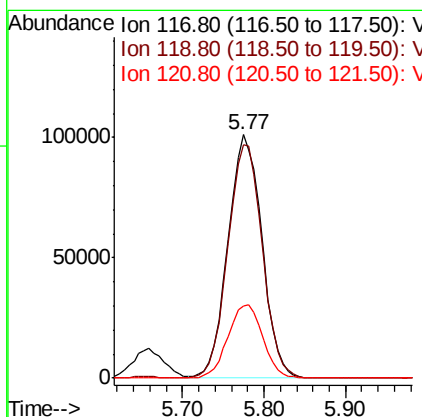
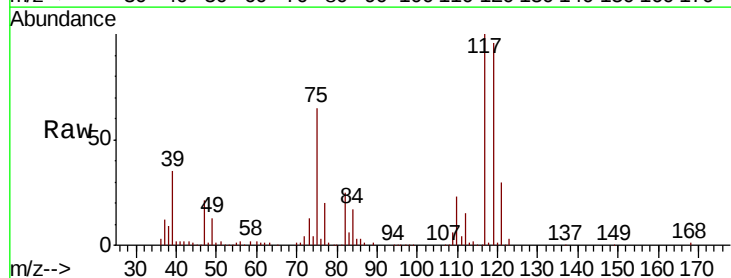
Manual Integrations
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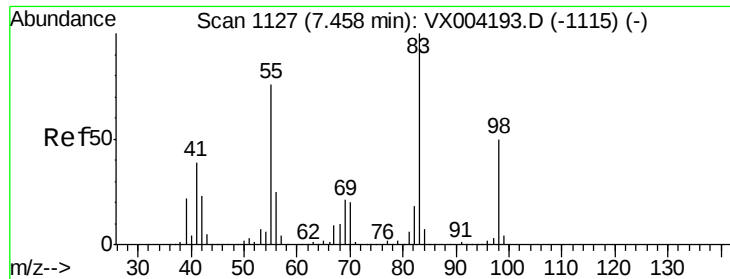
MMDadoda
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#38
Carbon Tetrachloride
Concen: 51.13 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion:	117	Resp:	290602
Ion Ratio	Lower	Upper	
117	100		
119	95.7	78.8	118.2
121	29.6	24.9	37.3





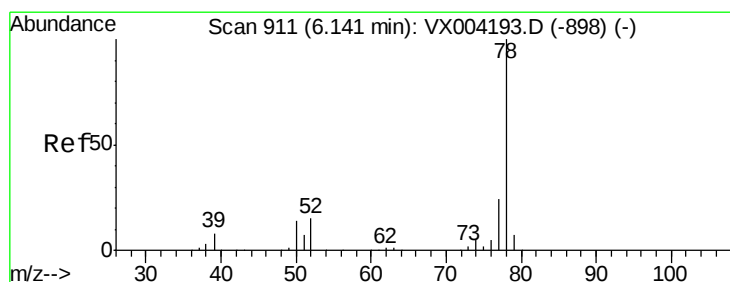
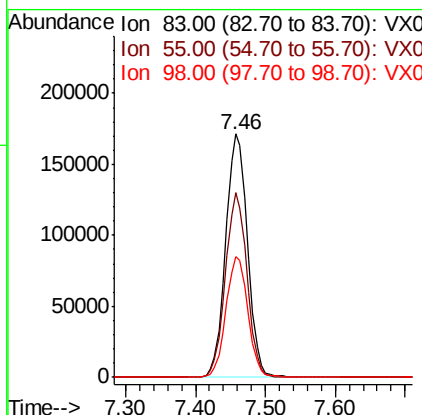
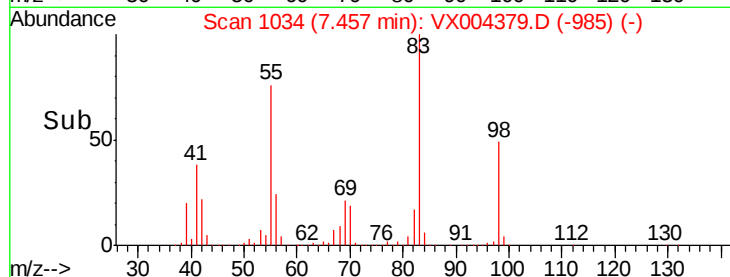
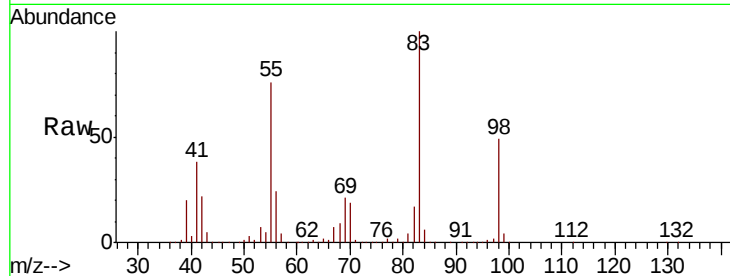
#39
Methvlcvclohexane
Concen: 53.90 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.7	61.0	91.4	
98	49.5	39.6	59.4	

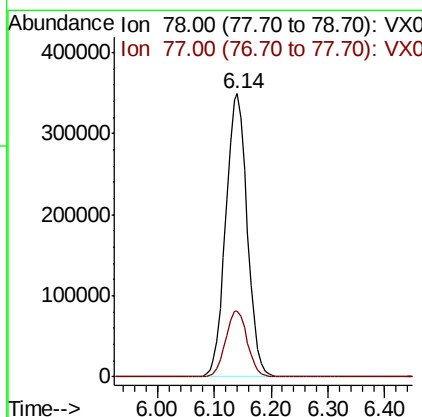
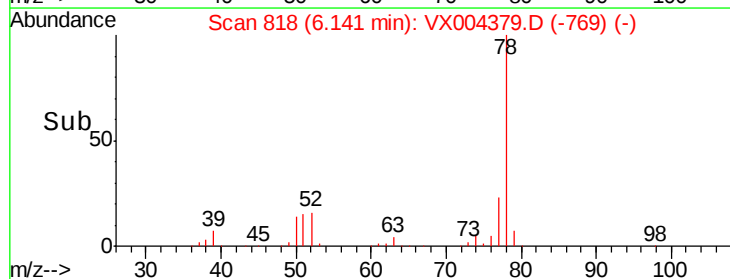
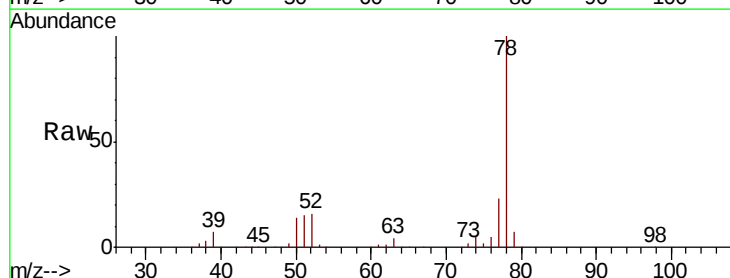
Manual Integrations
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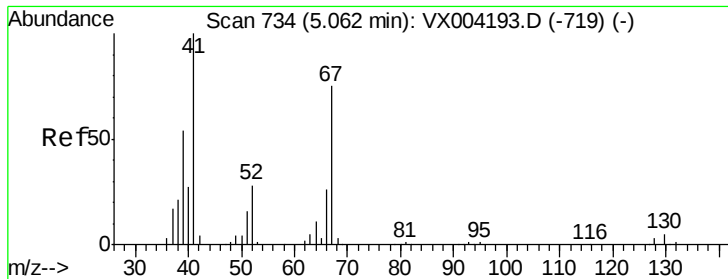
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#40
Benzene
Concen: 50.75 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.2	19.0	28.4	





#41

Methacrylonitrile

Concen: 52.12 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

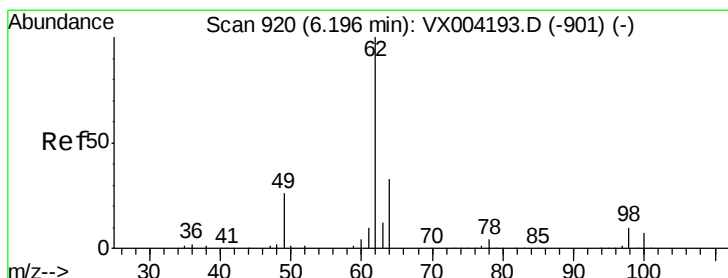
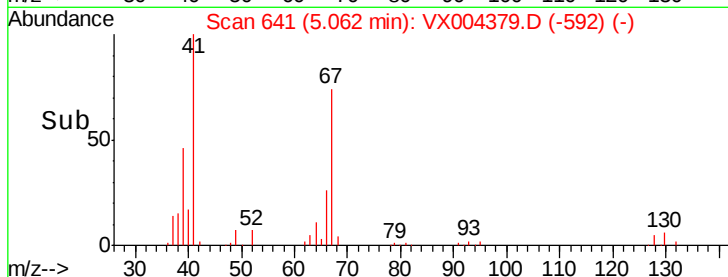
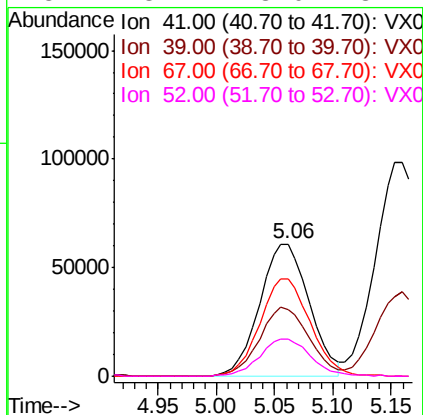
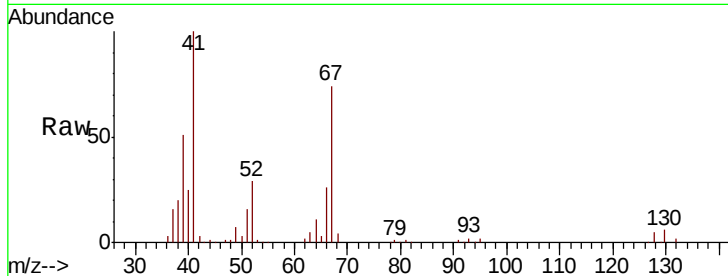
ClientSampled :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	42.4	63.6	
67	75.2	59.2	88.8	
52	28.7	23.0	34.4	

Manual Integrations
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9/7/2018 1:42:53 PM



#42

1,2-Dichloroethane

Concen: 49.44 ug/l

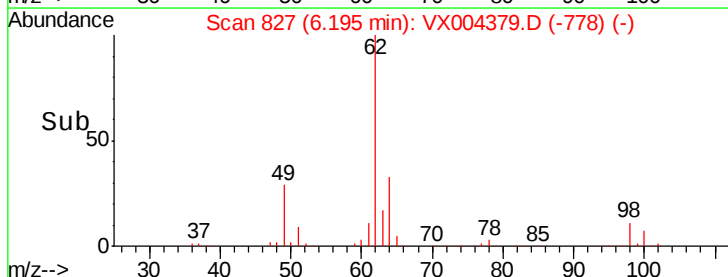
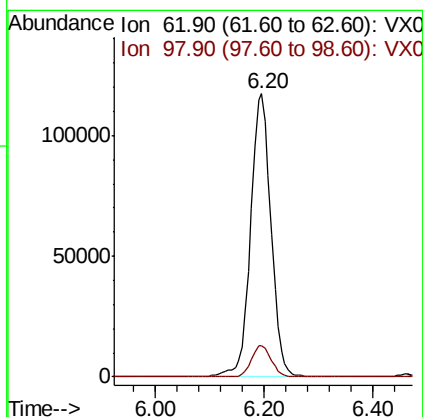
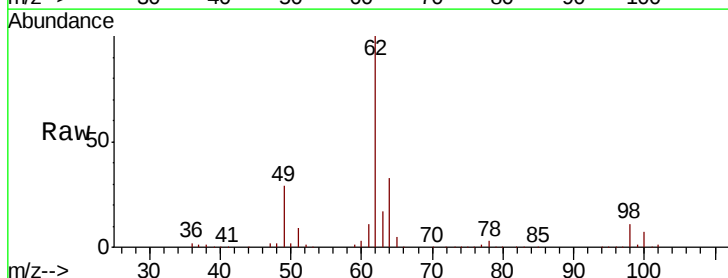
RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	20.6	





#43

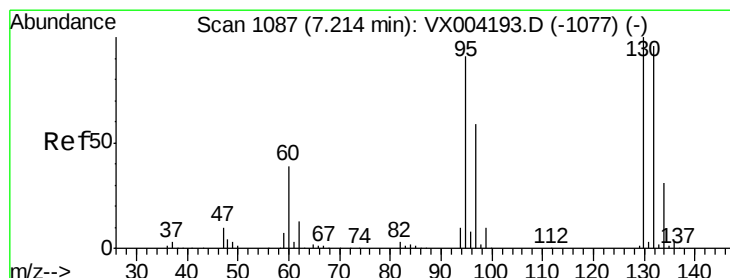
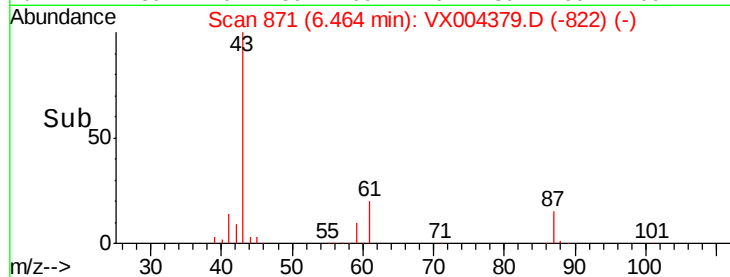
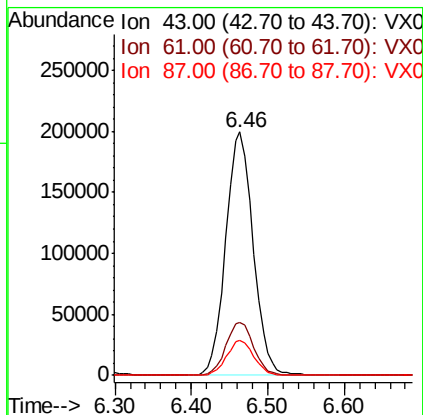
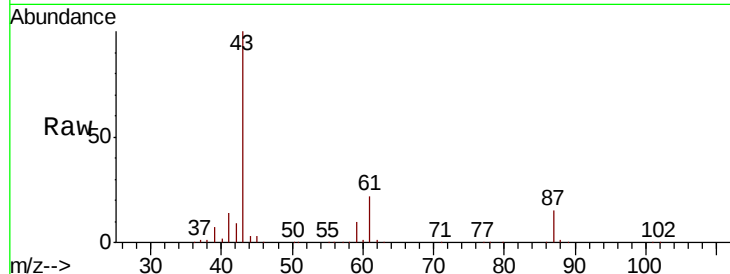
Isopropyl Acetate
 Concen: 53.99 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.0	25.4
87	14.3	11.4	17.2

Manual Integrations
 APPROVED

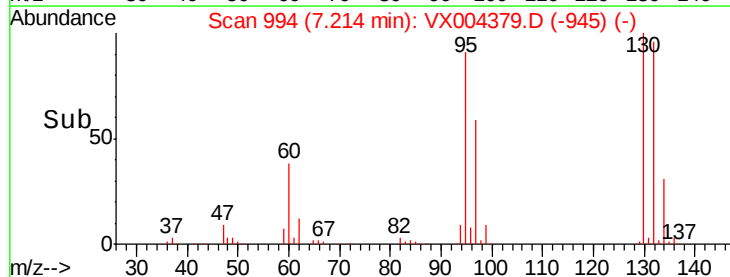
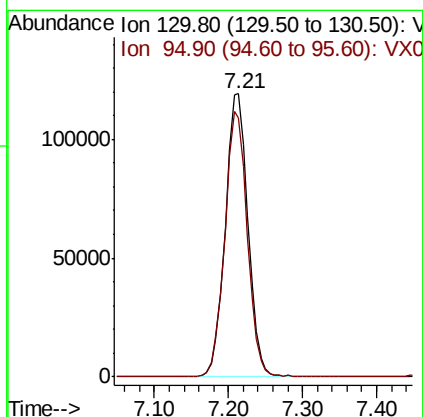
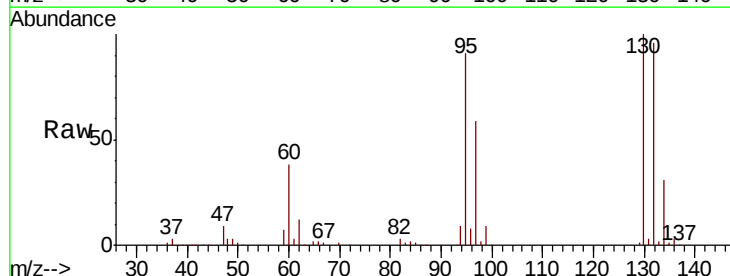
MMDadoda
 9/7/2018 1:42:53 PM



#44

Trichloroethene
 Concen: 51.01 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	181.6





#45

1,2-Dichloropropane

Concen: 52.78 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 238488

Ion Ratio Lower Upper

63 100

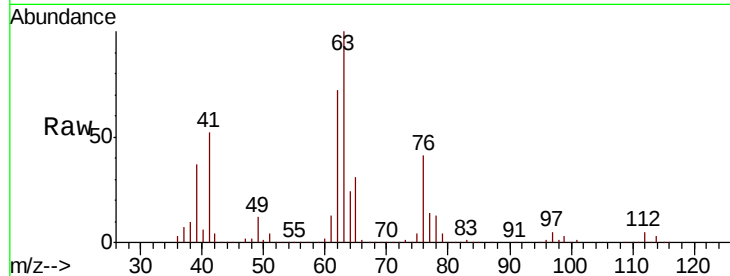
65 31.2 24.3 36.5

Manual Integrations

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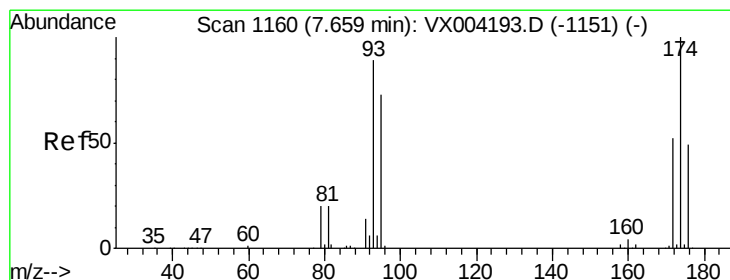
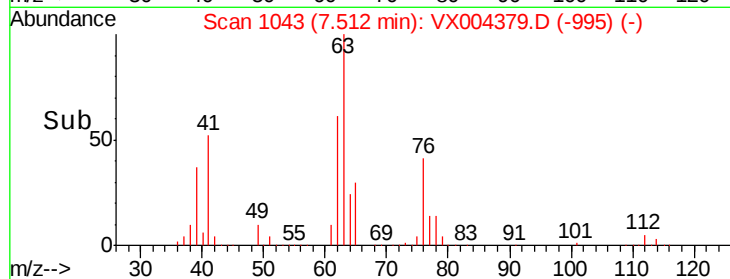
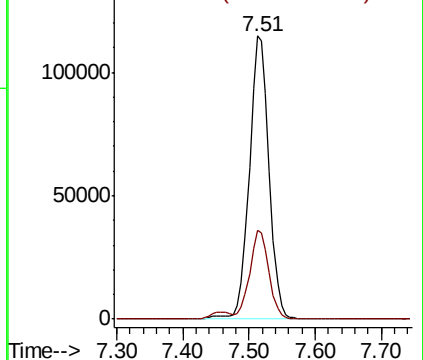
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.96 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

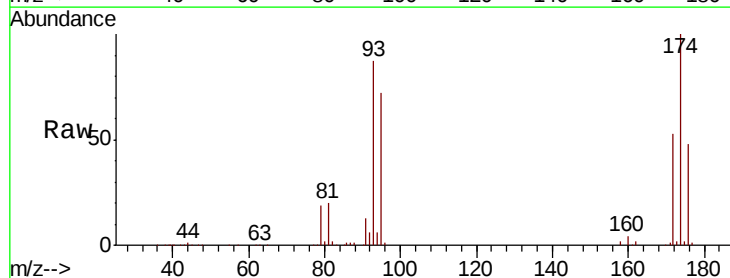
Tgt Ion: 93 Resp: 150300

Ion Ratio Lower Upper

93 100

95 83.6 65.5 98.3

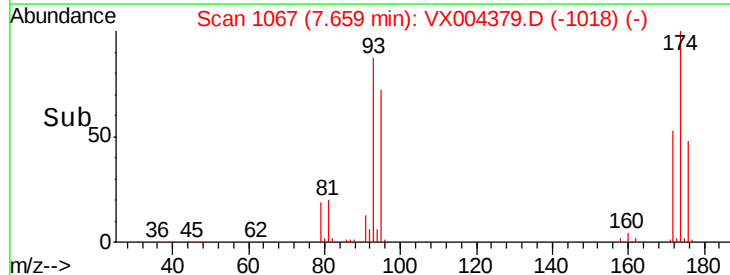
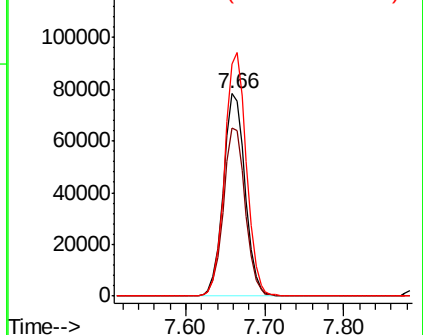
174 120.1 94.2 141.4

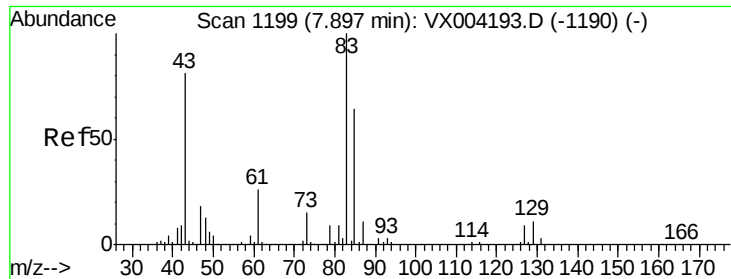


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.99 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

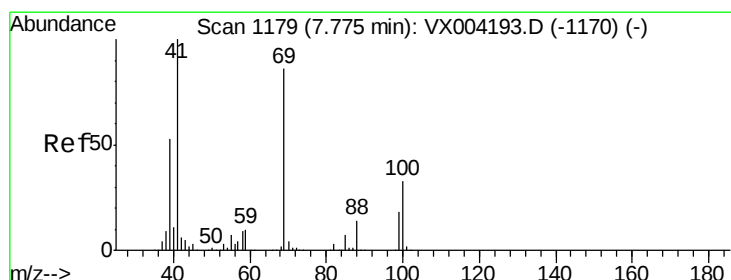
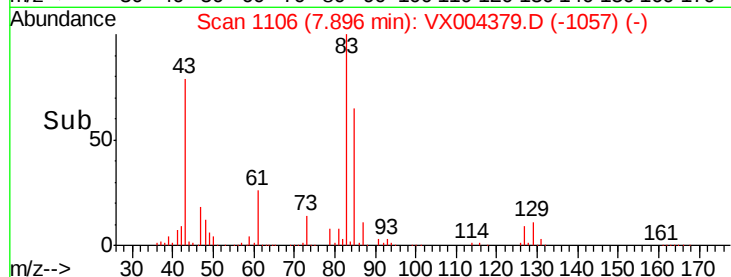
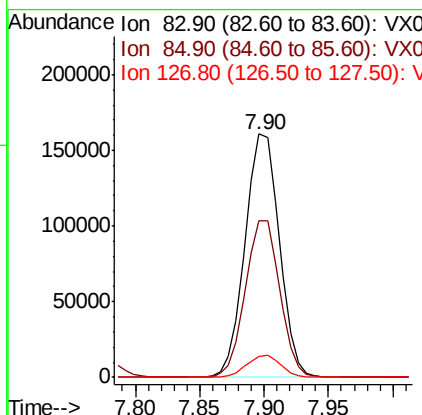
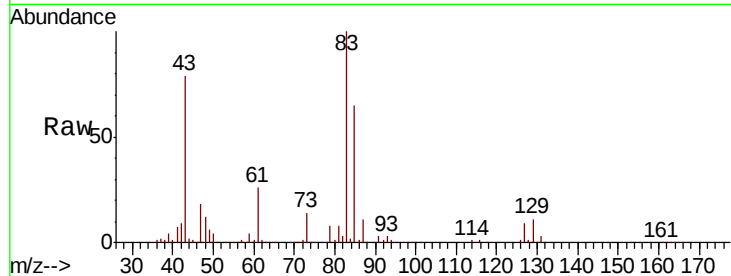
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	296612
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.9	76.3
127	8.5	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.50 ug/l

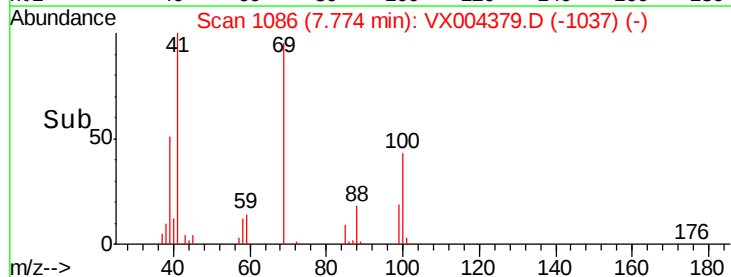
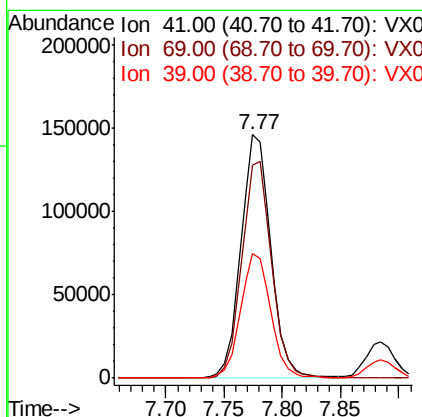
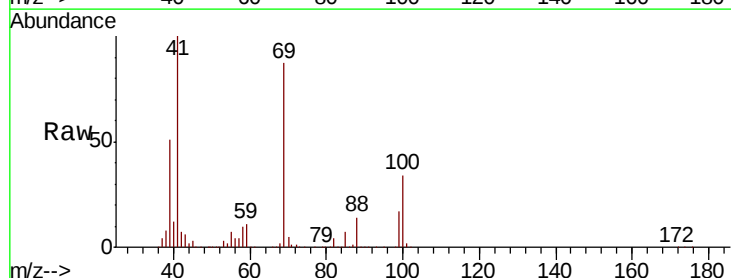
RT: 7.77 min Scan# 1086

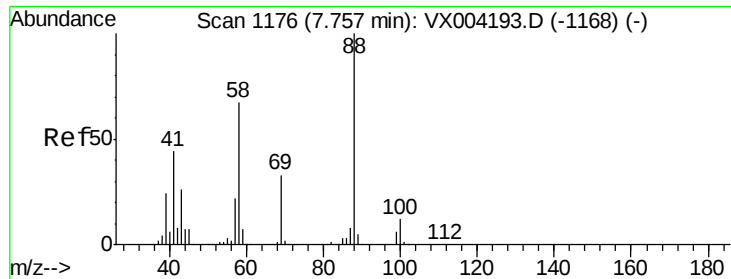
Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion:	41	Resp:	261385
Ion Ratio	Lower	Upper	
41	100		
69	89.2	70.2	105.4
39	51.7	42.7	64.1





#49

1,4-Dioxane

Concen: 1020.07 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

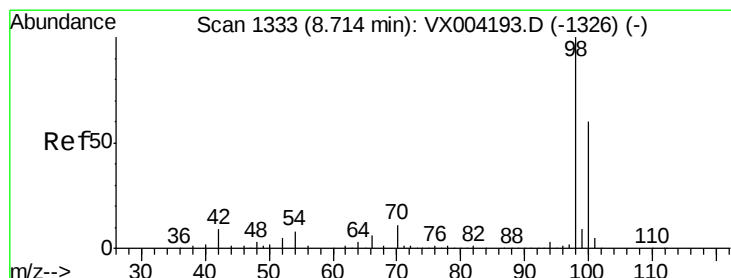
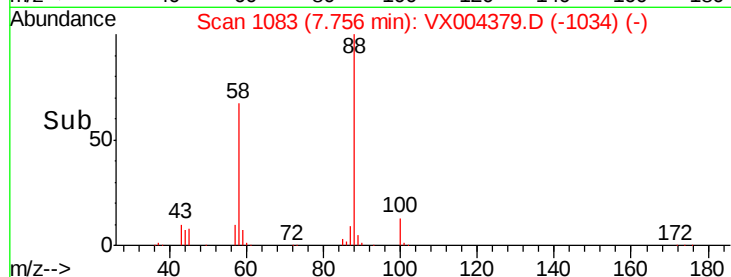
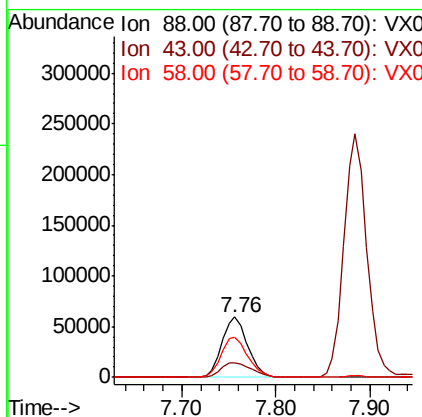
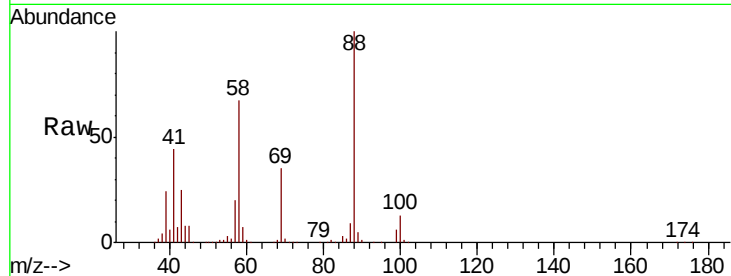
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	113144
Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.7	37.1
58	69.1	55.3	82.9

Manual Integrations
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#50

Toluene-d8

Concen: 47.90 ug/l

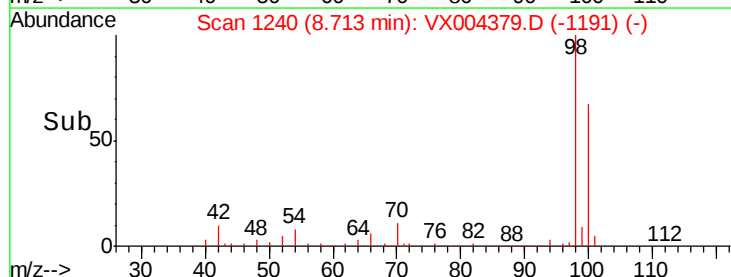
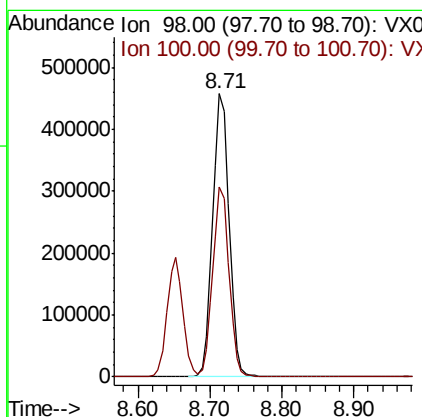
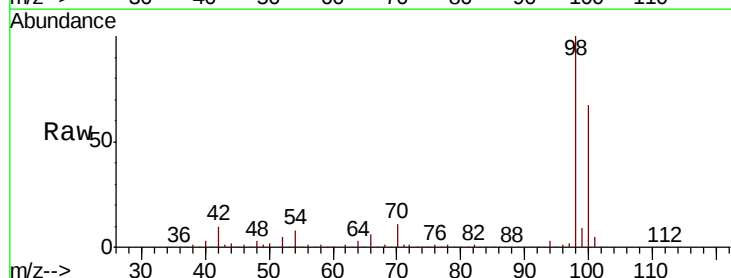
RT: 8.71 min Scan# 1240

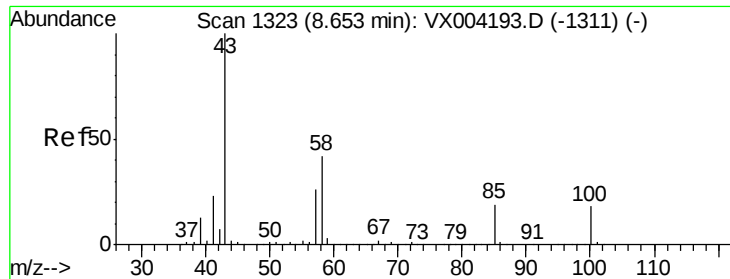
Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion:	98	Resp:	722807
Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.9	79.3





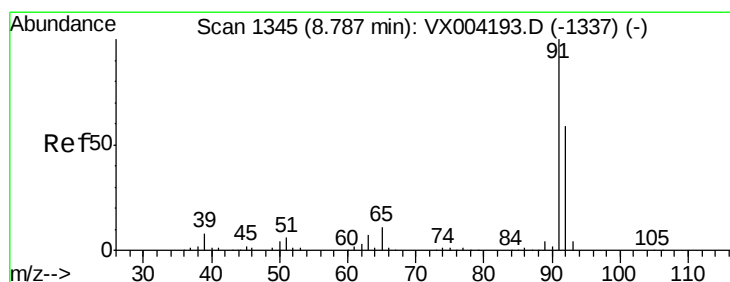
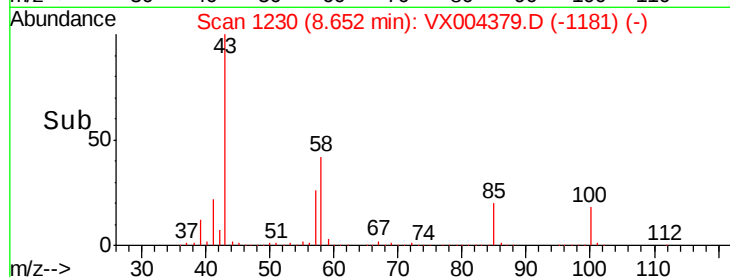
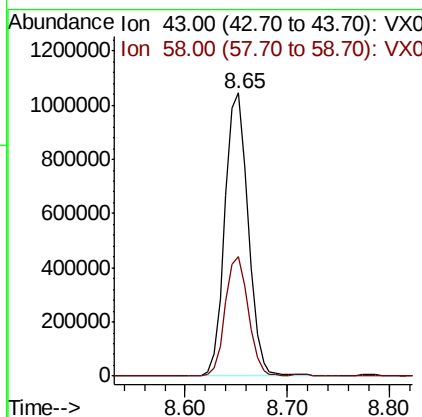
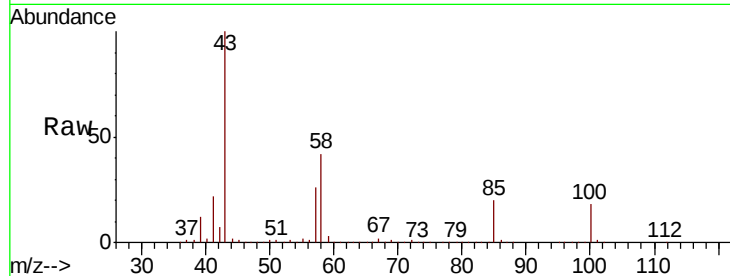
#51
4-Methyl-2-Pentanone
Concen: 250.03 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1658651
Ion Ratio Lower Upper
43 100
58 41.8 33.1 49.7

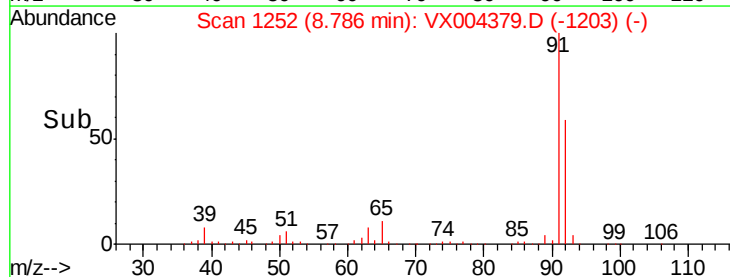
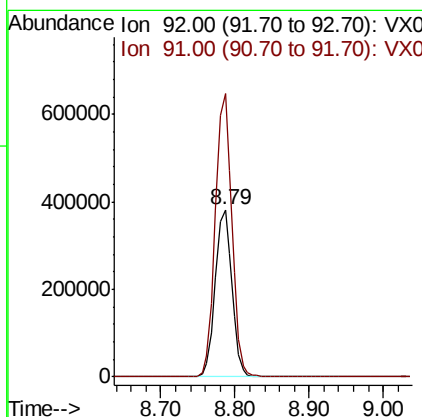
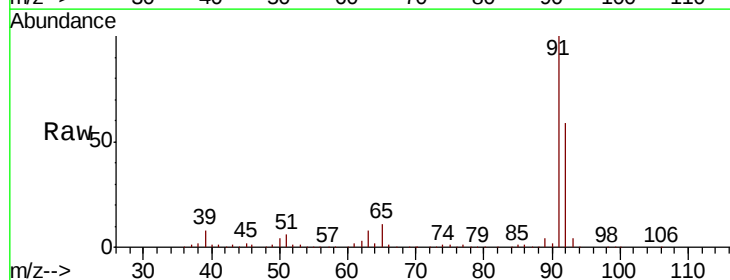
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#52
Toluene
Concen: 51.99 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 92 Resp: 587480
Ion Ratio Lower Upper
92 100
91 168.7 136.4 204.6





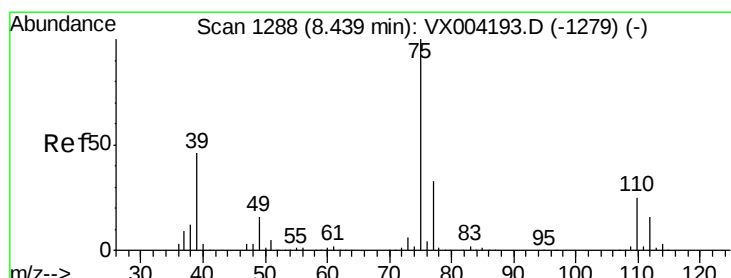
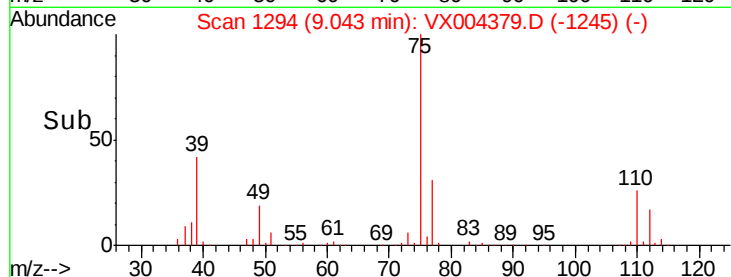
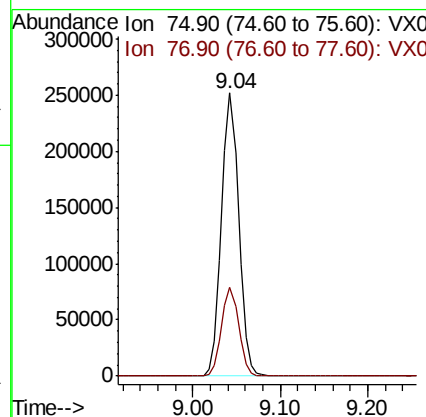
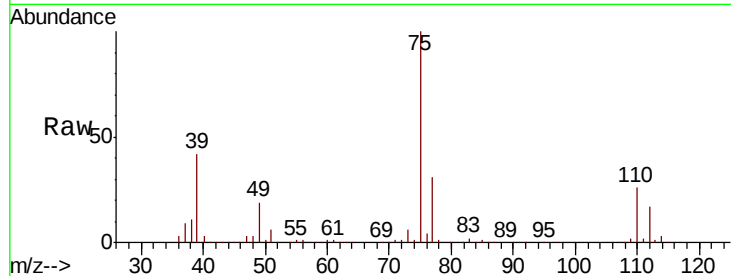
#53
t-1,3-Dichloropropene
Concen: 55.83 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 345187
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0

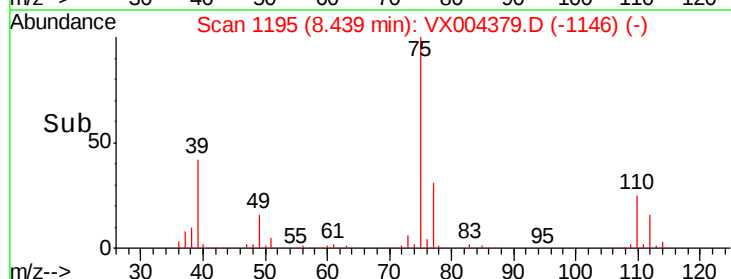
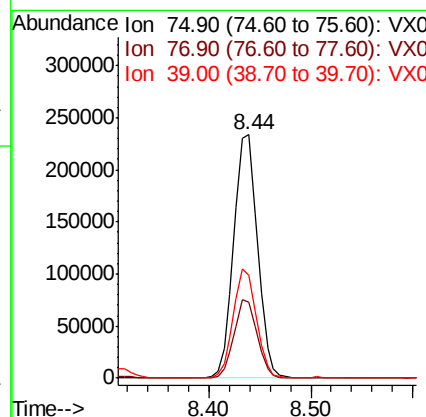
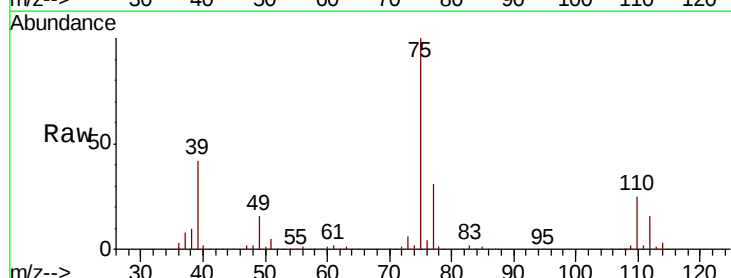
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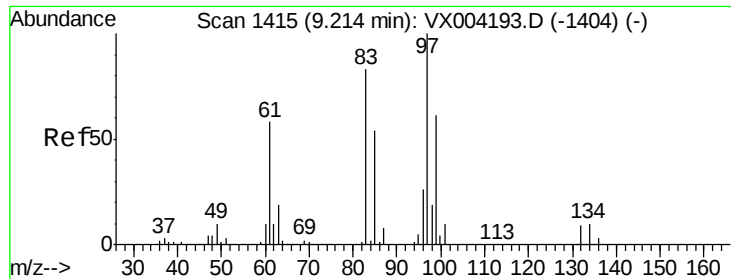
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 55.85 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 75 Resp: 376136
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.2
39 42.0 36.4 54.6





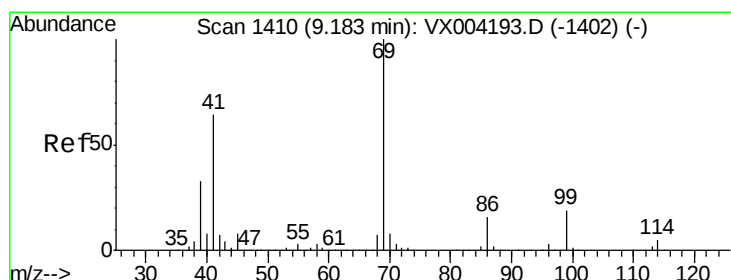
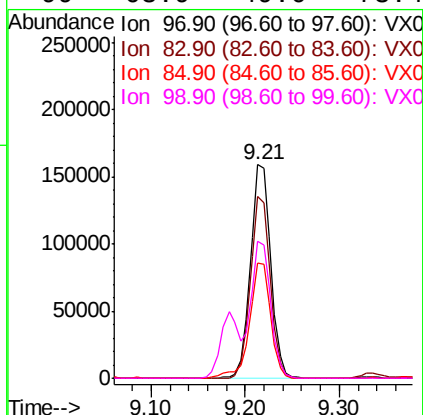
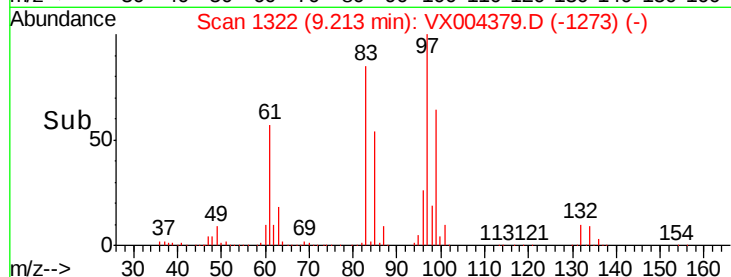
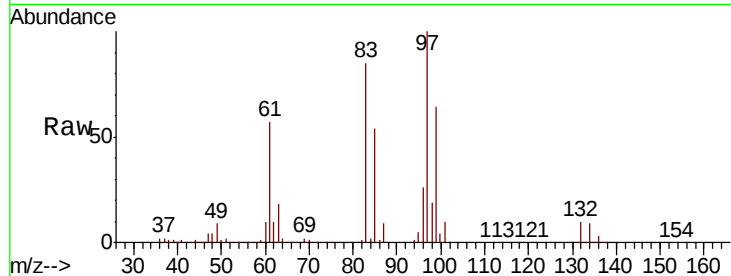
#55
 1,1,2-Trichloroethane
 Concen: 52.74 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		240563		
83	85.1	66.4	99.6		
85	53.7	43.3	64.9		
99	63.9	49.0	73.4		

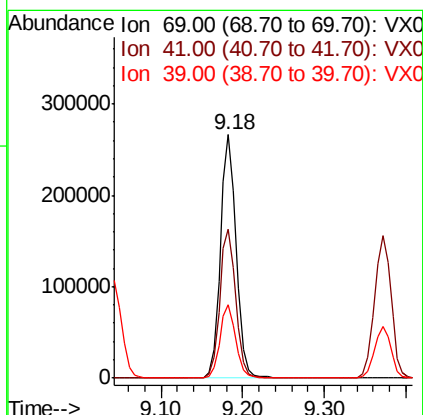
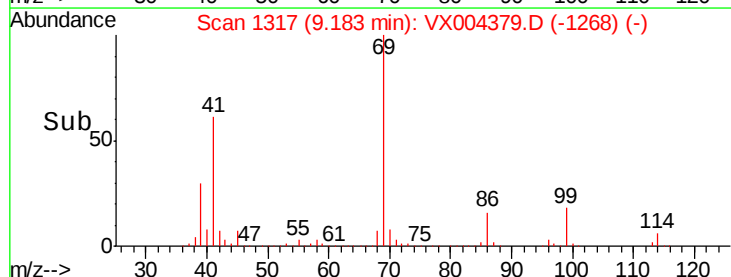
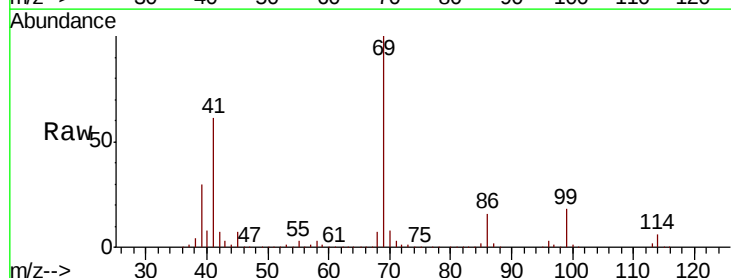
Manual Integrations
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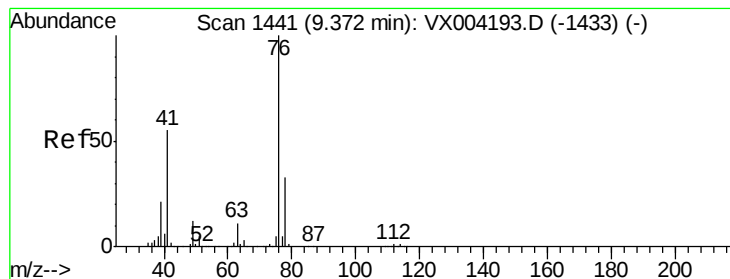
MMDadoda
 9/7/2018 1:42:53 PM



#56
 Ethyl methacrylate
 Concen: 57.94 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		359766		
41	62.0	51.0	76.4		
39	30.4	26.1	39.1		





#57

1,3-Dichloropropane

Concen: 52.47 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 403458

Ion Ratio Lower Upper

76 100

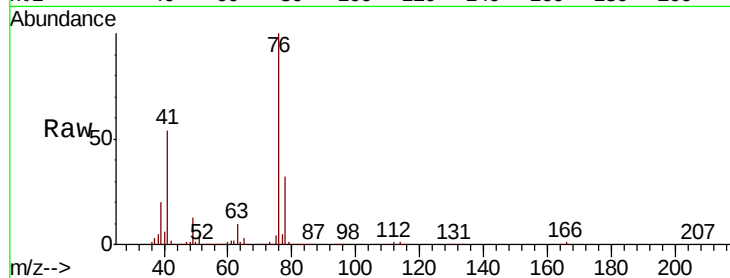
78 32.2 25.5 38.3

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

9.37

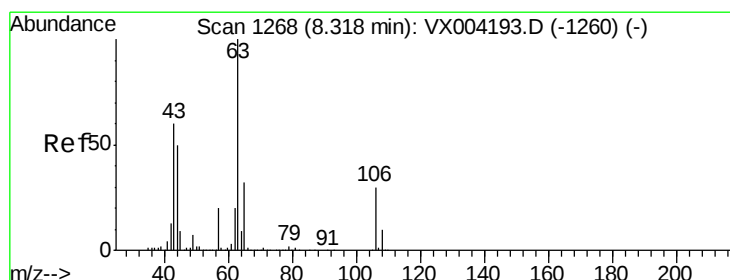
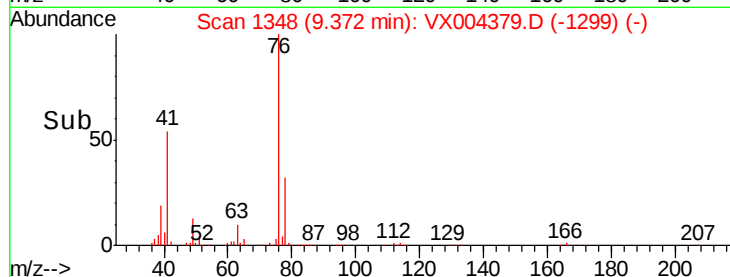
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 243.73 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004379.D

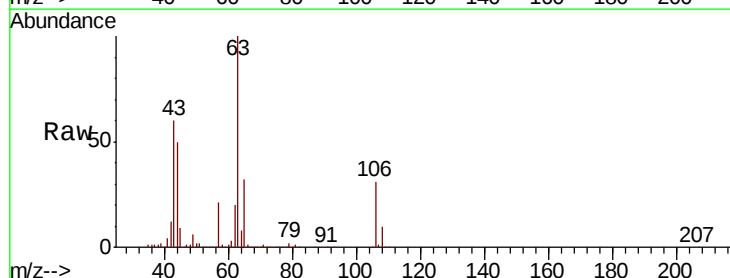
Acq: 06 Sep 2018 12:19

Tgt Ion: 63 Resp: 775494

Ion Ratio Lower Upper

63 100

106 30.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

500000

400000

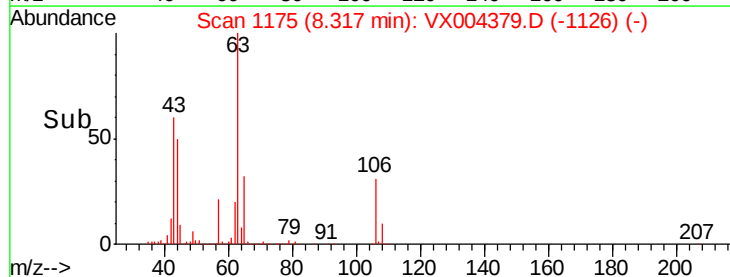
300000

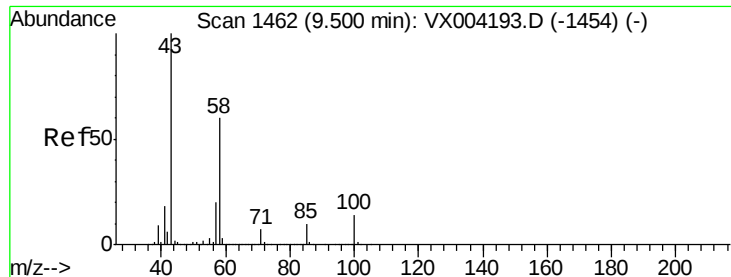
200000

100000

0

Time-->





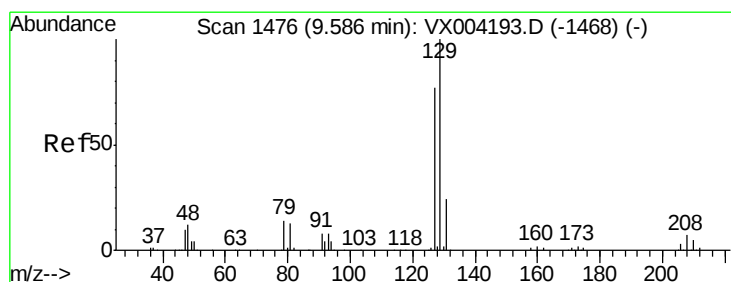
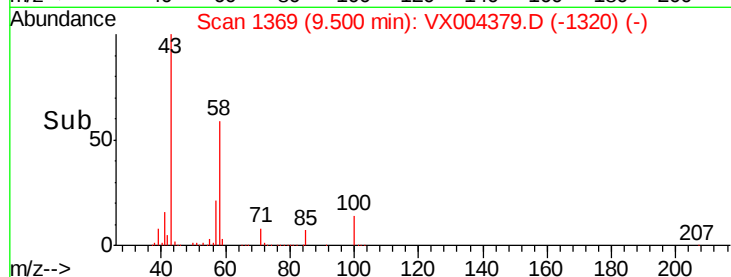
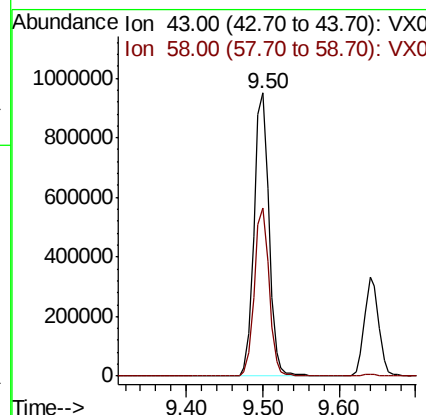
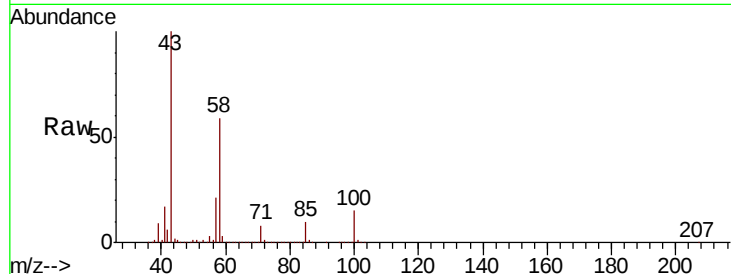
#59
2-Hexanone
Concen: 254.88 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1289915
Ion Ratio Lower Upper
43 100
58 58.7 29.0 87.0

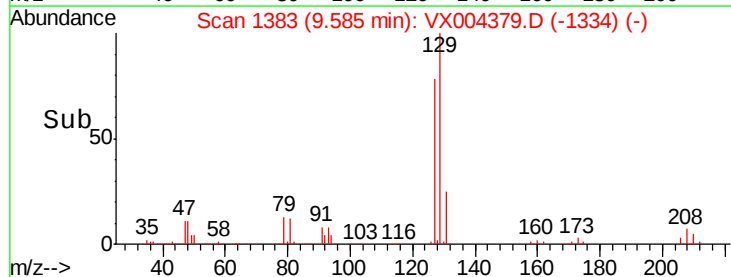
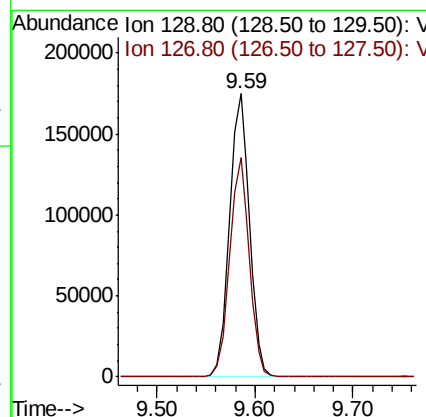
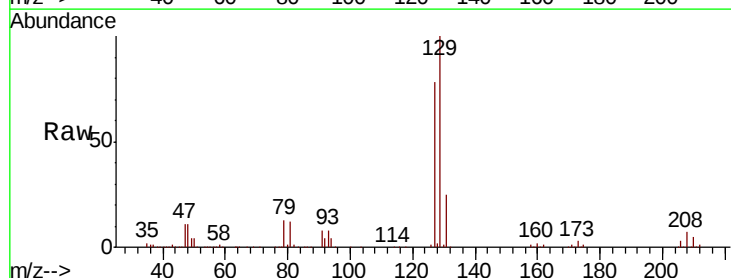
Manual Integrations
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9/7/2018 1:42:53 PM



#60
Dibromochloromethane
Concen: 55.52 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 129 Resp: 246746
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.92 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 245122

Ion Ratio Lower Upper

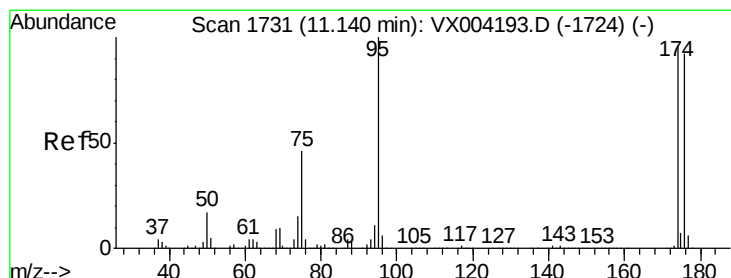
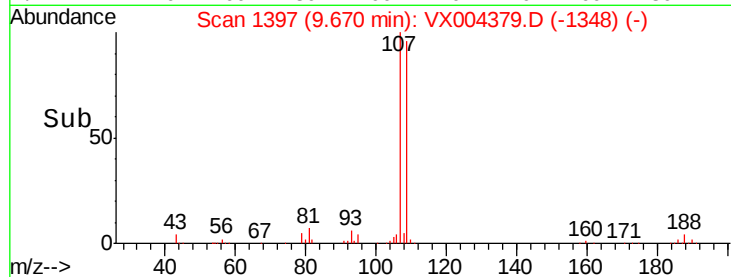
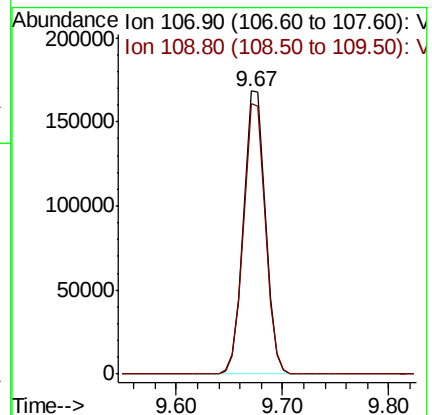
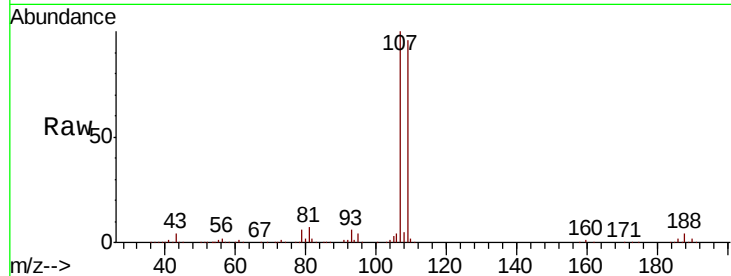
107 100

109 95.6 76.0 114.0

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 49.84 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

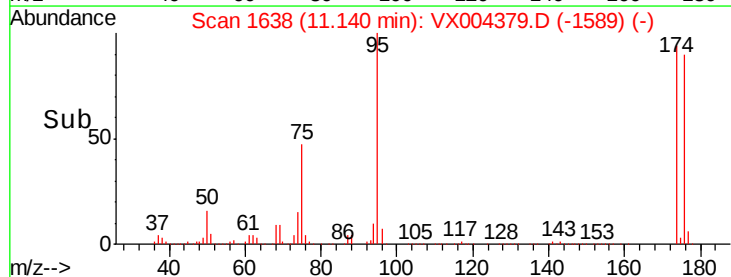
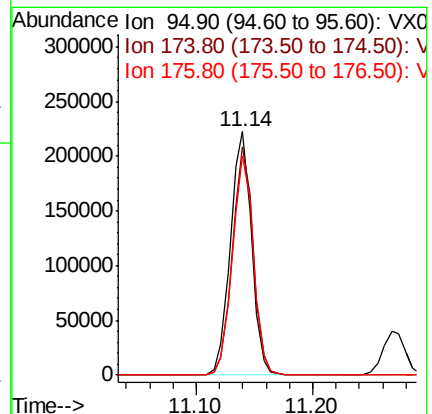
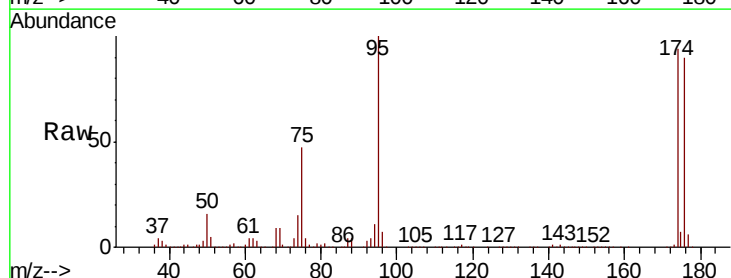
Tgt Ion: 95 Resp: 280640

Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.2

176 89.4 0.0 178.6





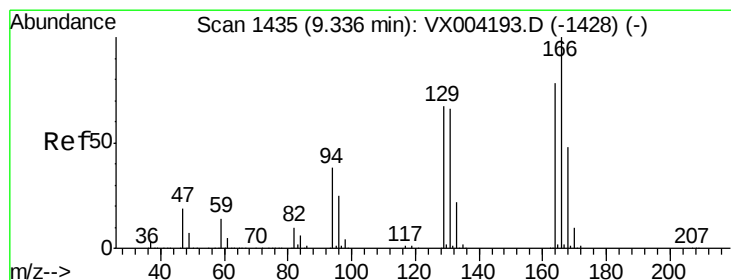
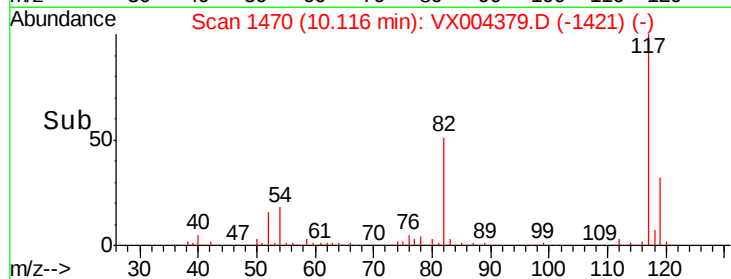
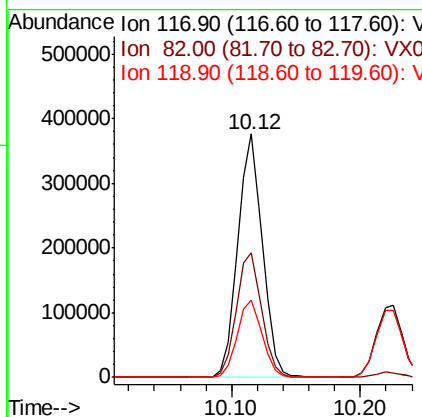
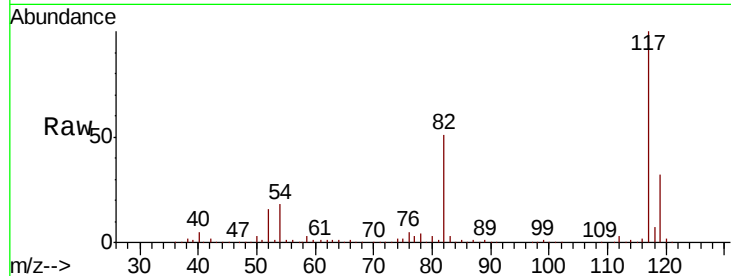
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	47.8	71.6
119	31.7	29.3	43.9

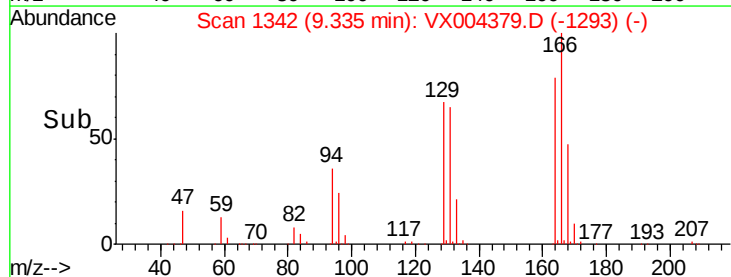
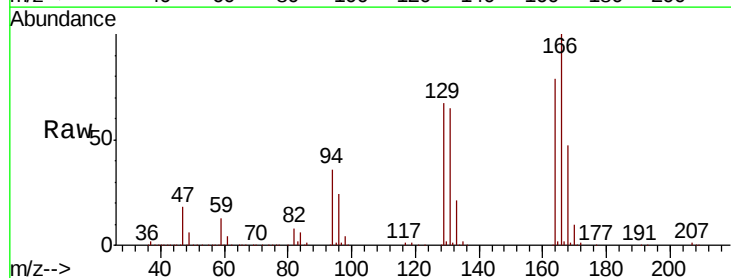
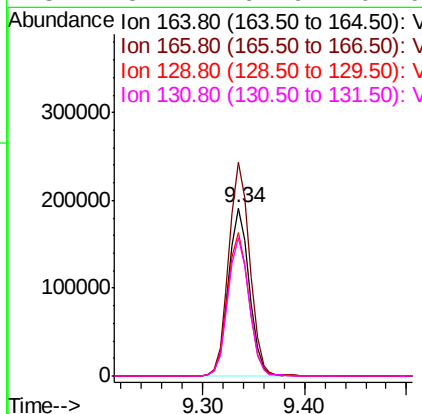
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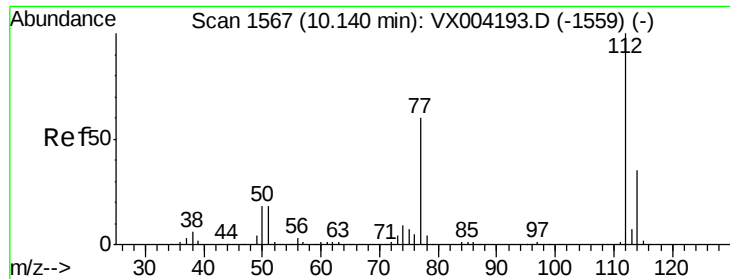
MMDadoda
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#64
Tetrachloroethene
Concen: 54.66 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.8	154.2
129	85.2	69.4	104.0
131	82.2	67.9	101.9





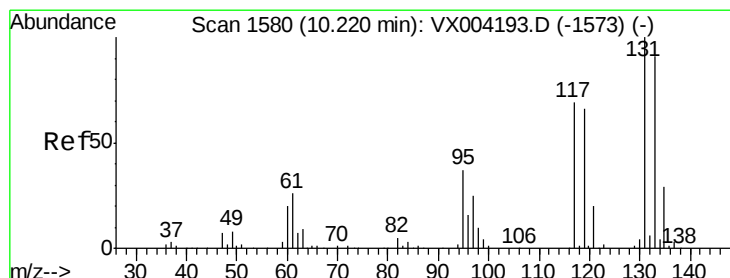
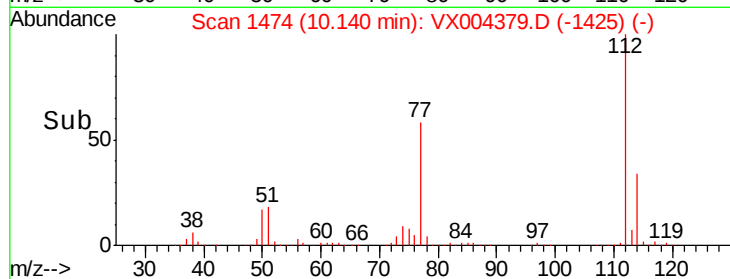
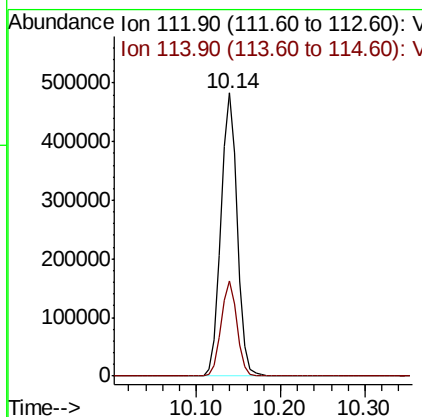
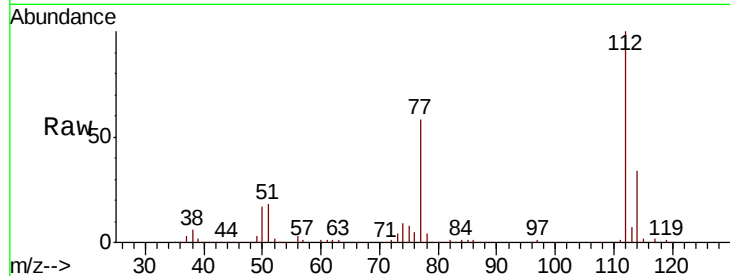
#65
Chlorobenzene
Concen: 51.75 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 649231
Ion Ratio Lower Upper
112 100
114 33.5 27.8 41.8

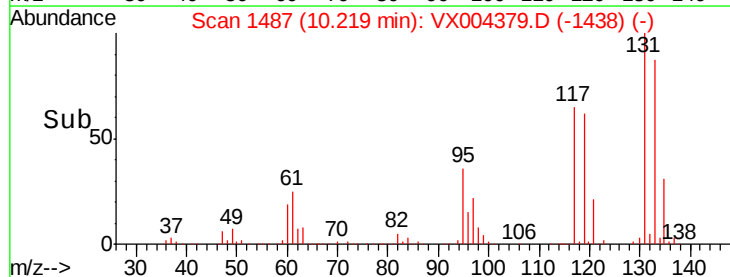
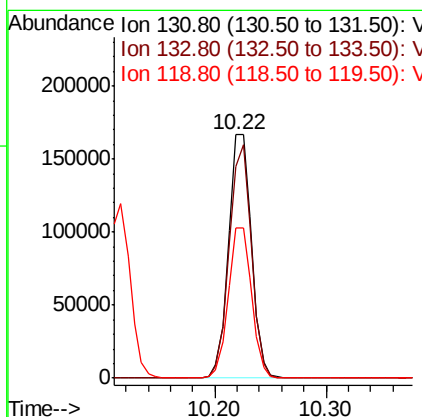
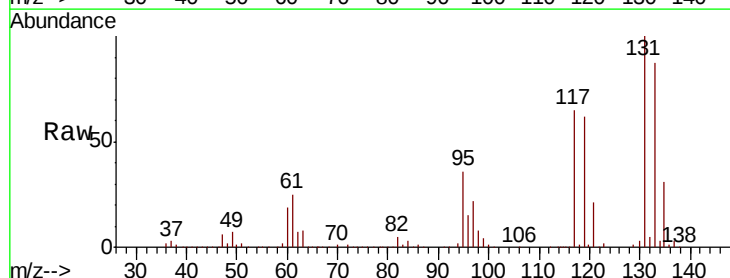
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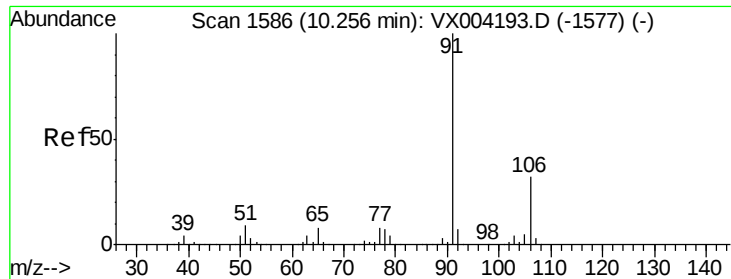
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.75 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion:131 Resp: 236917
Ion Ratio Lower Upper
131 100
133 93.4 48.1 144.4
119 63.0 32.9 98.6





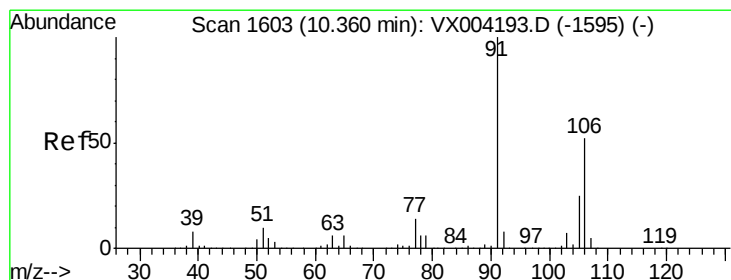
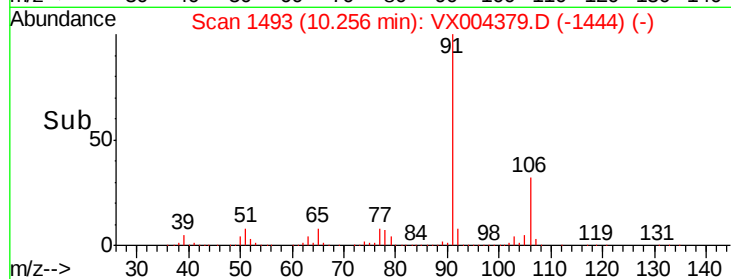
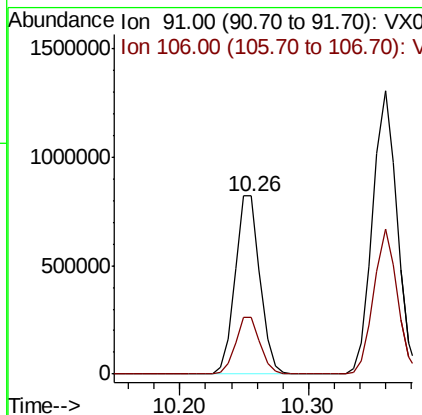
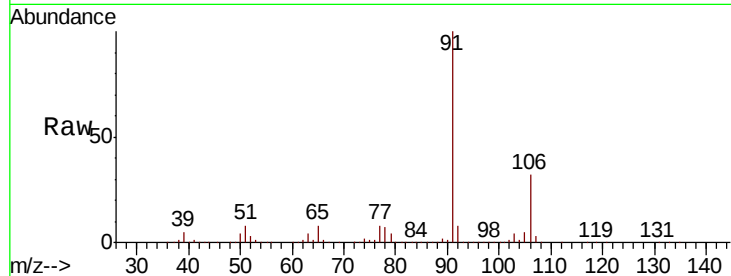
#67
Ethyl Benzene
Concen: 54.42 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1108836
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9

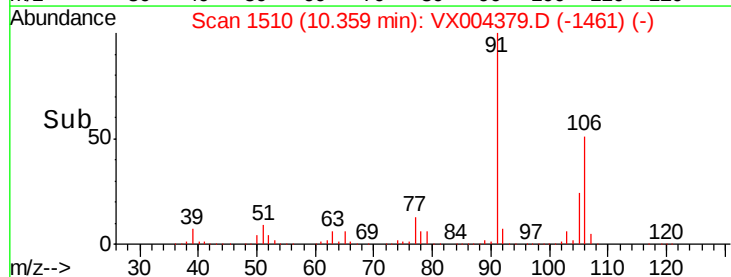
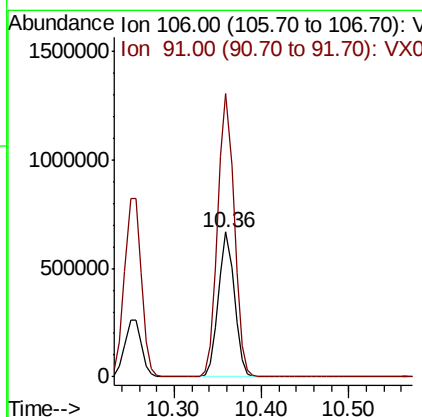
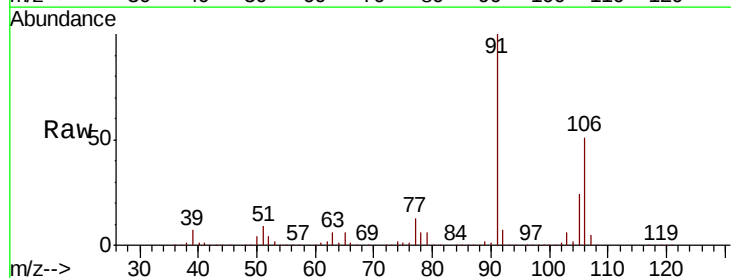
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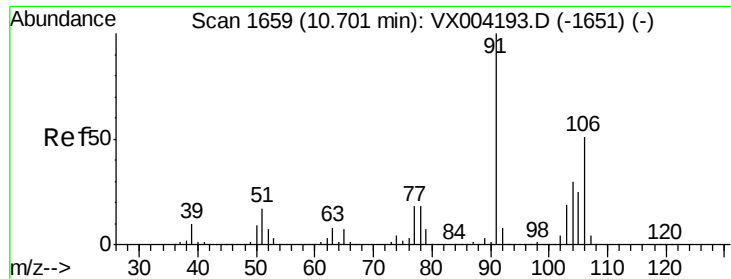
MMDadoda
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#68
m/p-Xylenes
Concen: 105.94 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion: 106 Resp: 843964
Ion Ratio Lower Upper
106 100
91 201.4 157.1 235.7





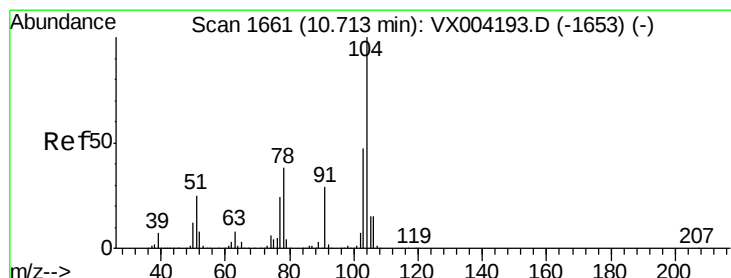
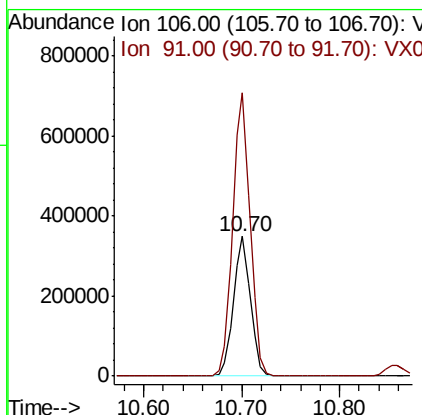
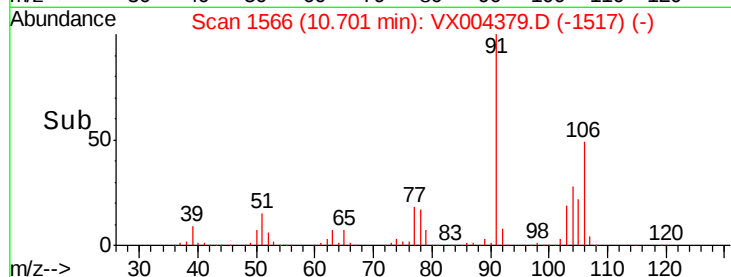
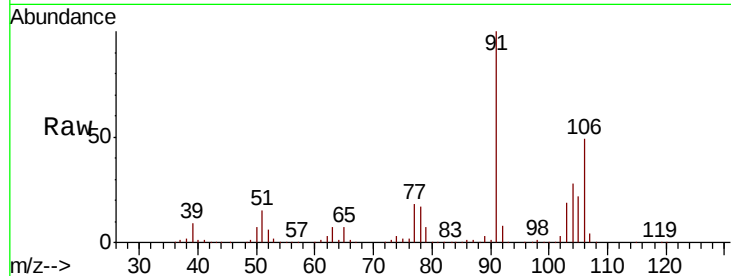
#69
o-Xylene
Concen: 55.83 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.0	105.1	315.1

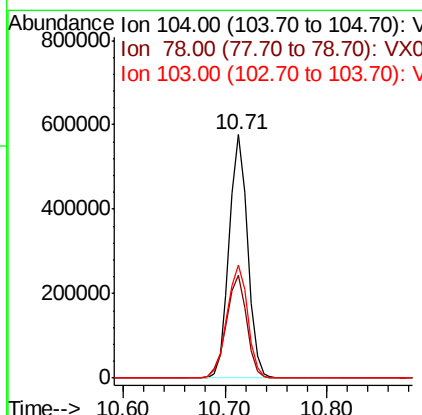
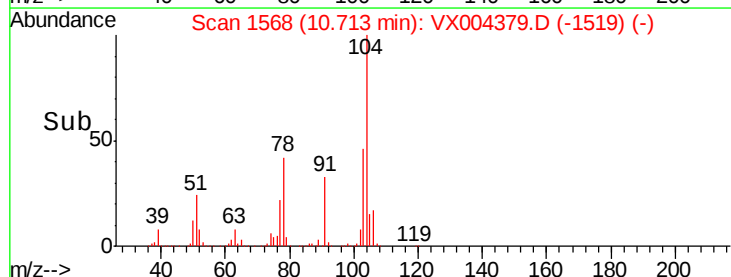
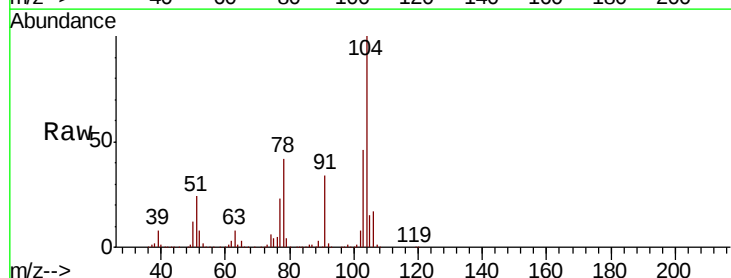
Manual Integrations
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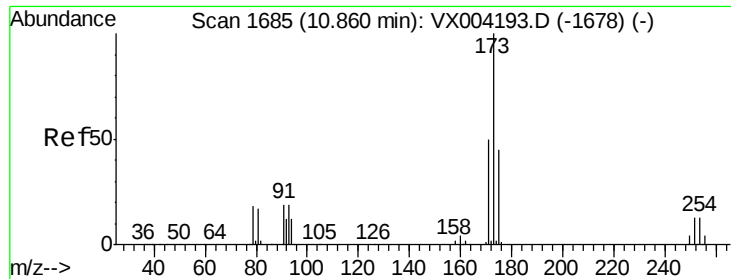
MMDadoda
9/7/2018 1:42:53 PM



#70
Styrene
Concen: 59.09 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.8	37.4	56.0
103	52.2	43.8	65.6





#71

Bromoform

Concen: 55.01 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

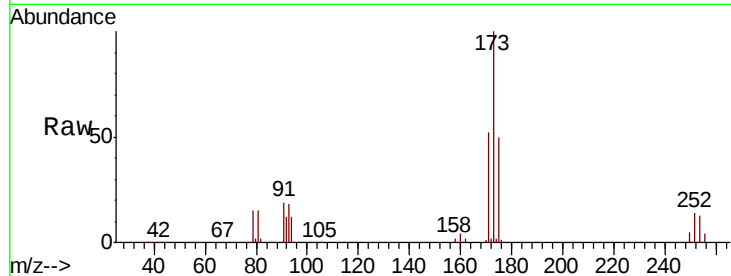
ClientSampleId :

VSTDCCC050

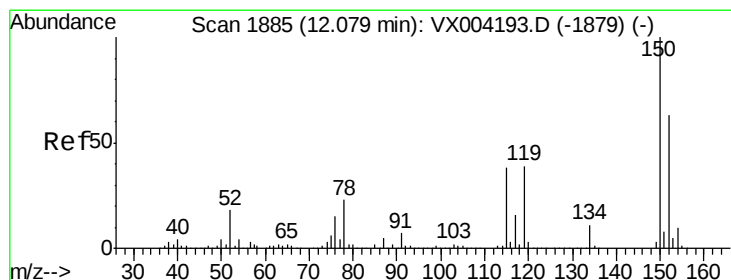
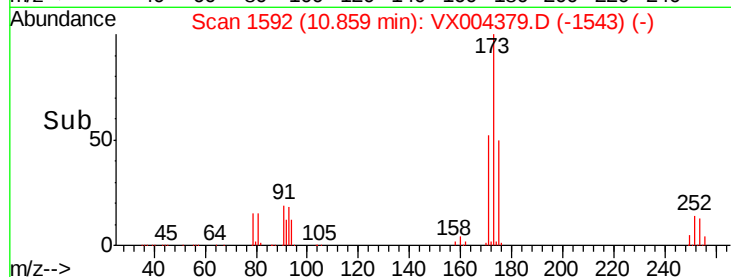
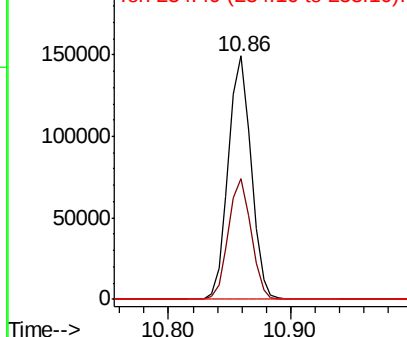
Tot Ion:	173	Resp:	191885
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.1	72.3
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

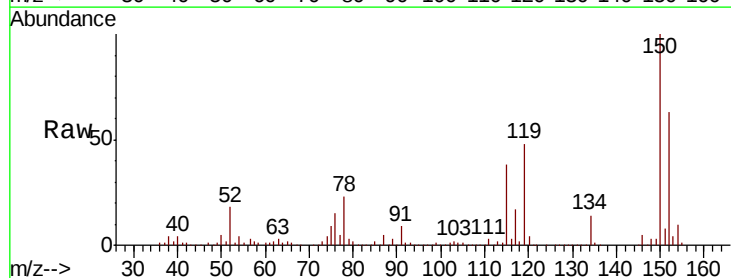
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

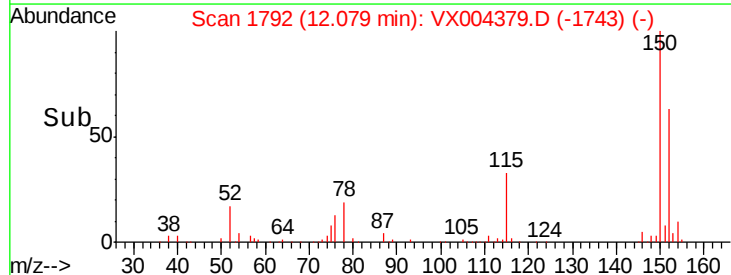
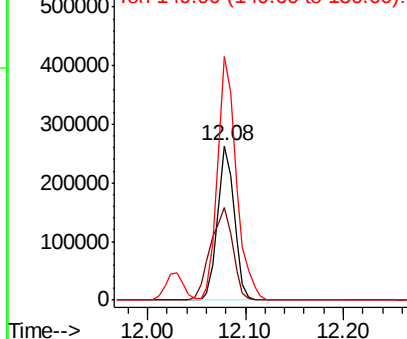
Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion:	152	Resp:	312772
Ion Ratio	Lower	Upper	
152	100		
115	79.5	39.0	117.0
150	177.8	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: 56.82 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1167163

Ion Ratio Lower Upper

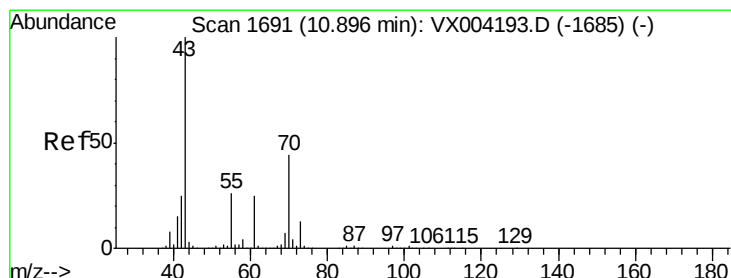
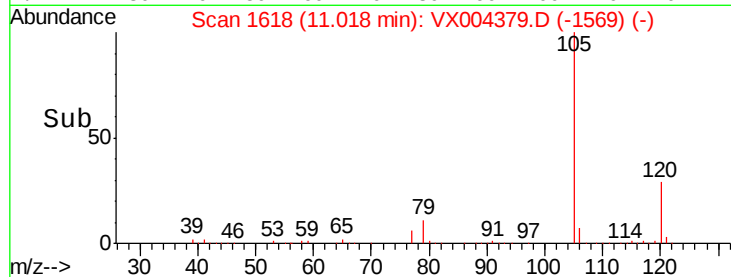
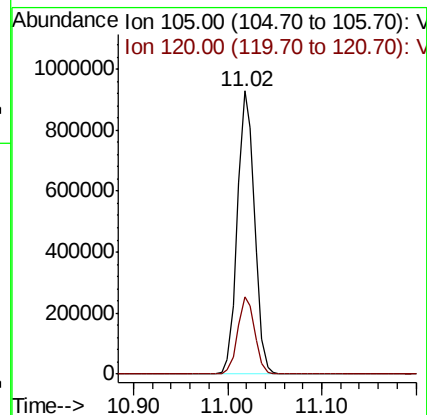
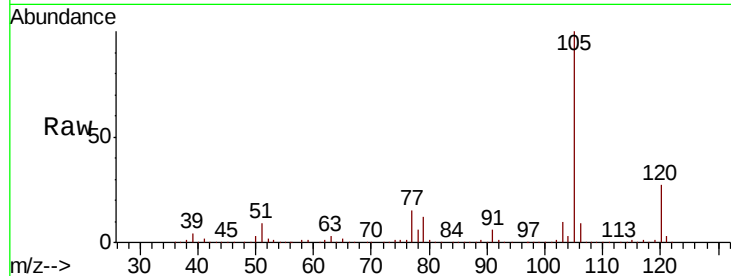
105 100

120 27.2 13.5 40.4

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#74

N-ethyl acetate

Concen: 54.74 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion: 43 Resp: 432986

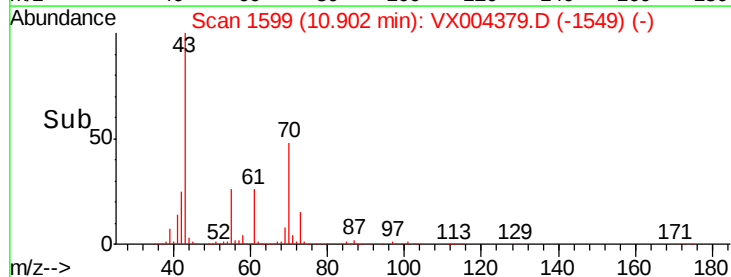
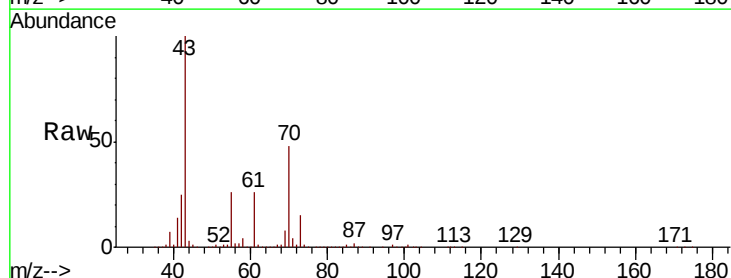
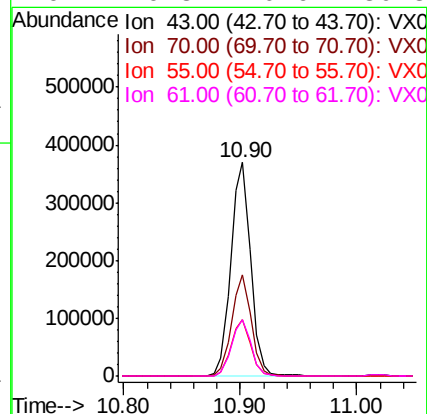
Ion Ratio Lower Upper

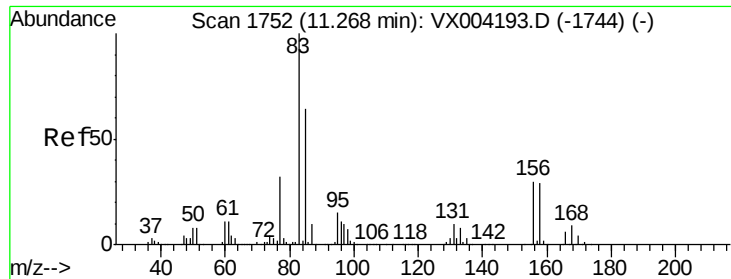
43 100

70 46.9 37.4 56.0

55 26.4 21.8 32.8

61 26.3 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.52 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

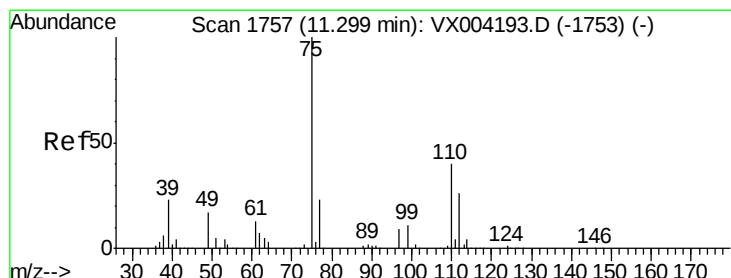
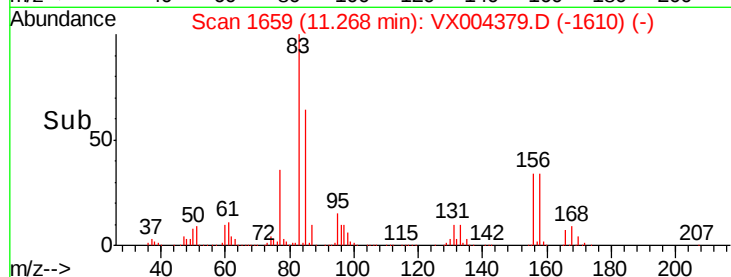
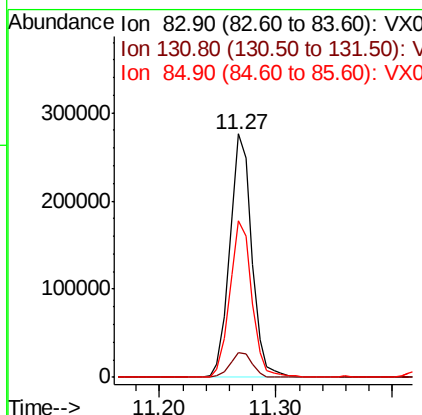
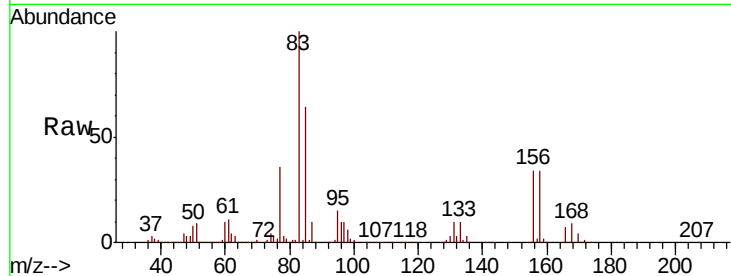
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	363200
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	64.5	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.75 ug/l m

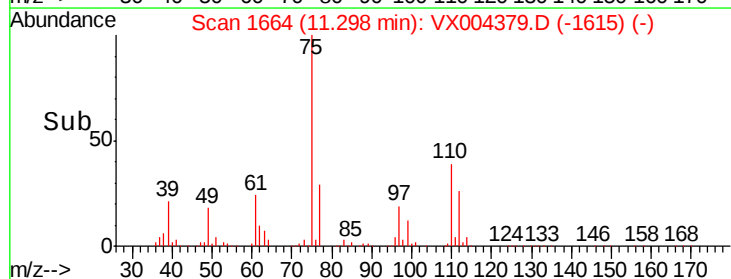
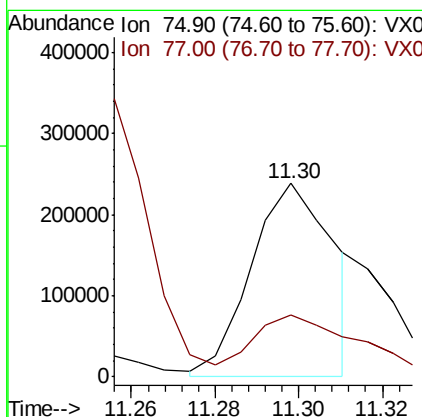
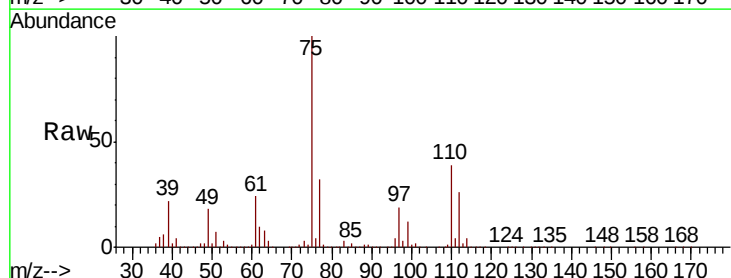
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion:	75	Resp:	329174
Ion Ratio	Lower	Upper	
75	100		
77	41.4	20.2	60.6





#77

Bromobenzene

Concen: 53.54 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

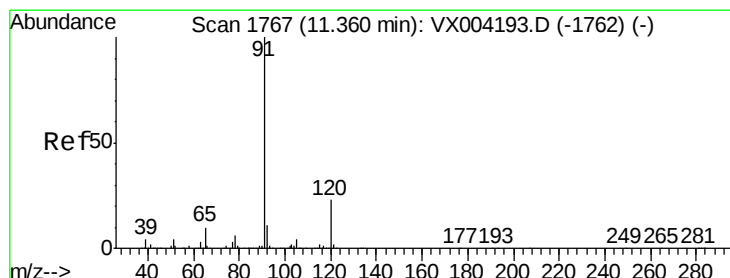
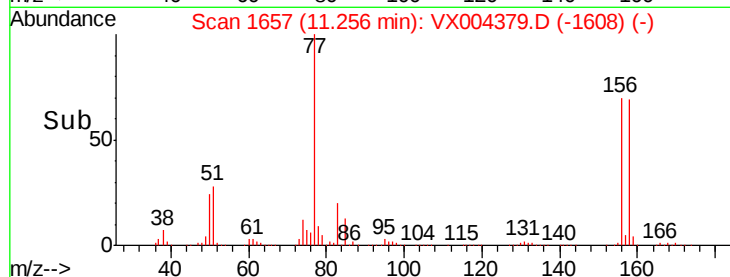
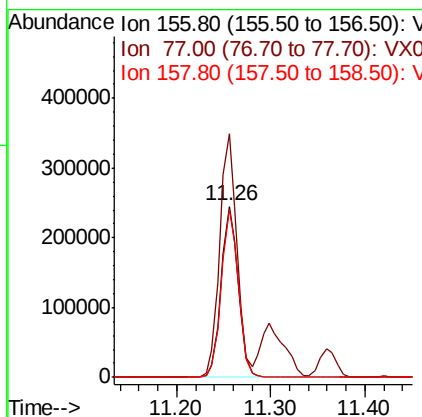
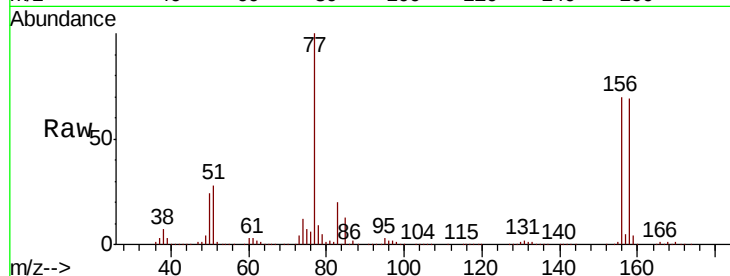
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	308517
Ion Ratio	Lower	Upper	
156	100		
77	143.6	71.5	214.3
158	97.4	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 56.94 ug/l

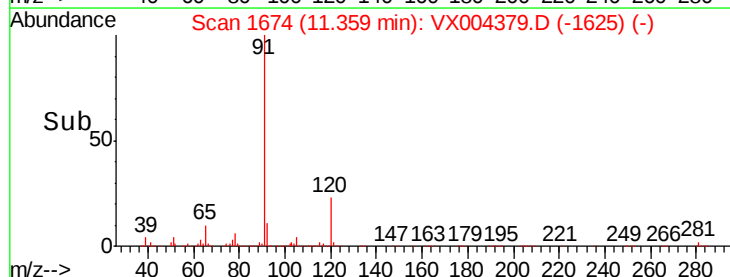
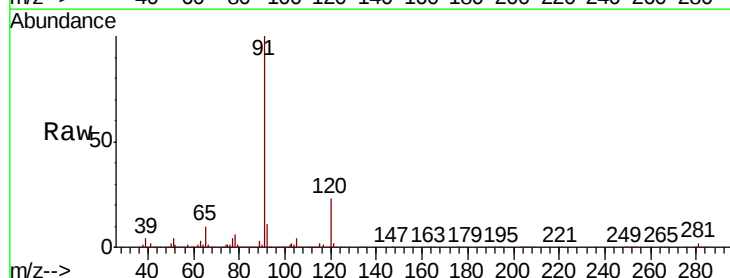
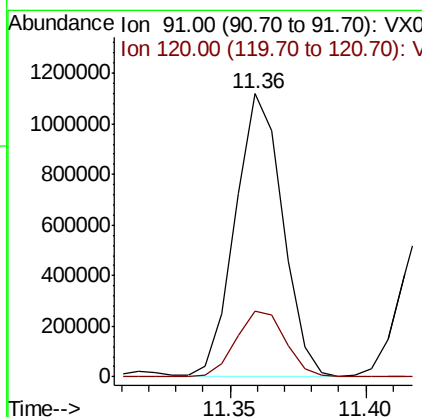
RT: 11.36 min Scan# 1674

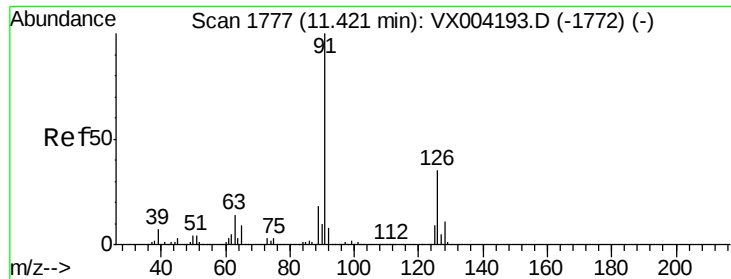
Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion:	91	Resp:	1345392
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.9	35.9





#79

2-Chlorotoluene

Concen: 53.71 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 781127

Ion Ratio Lower Upper

91 100

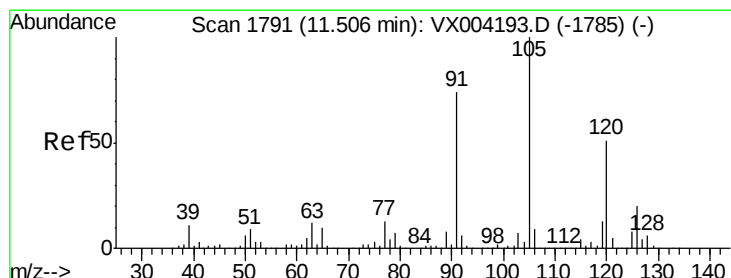
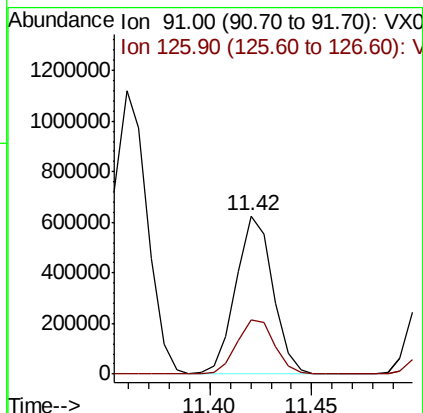
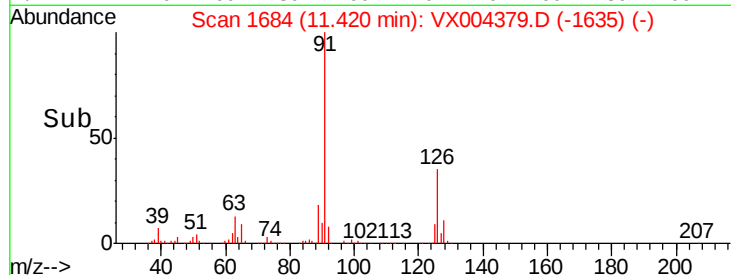
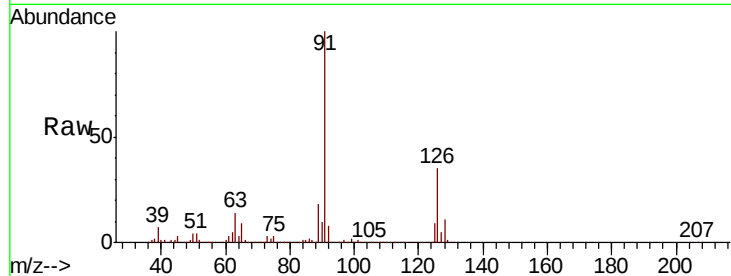
126 35.5 17.9 53.7

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#80

1,3,5-Trimethylbenzene

Concen: 56.73 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004379.D

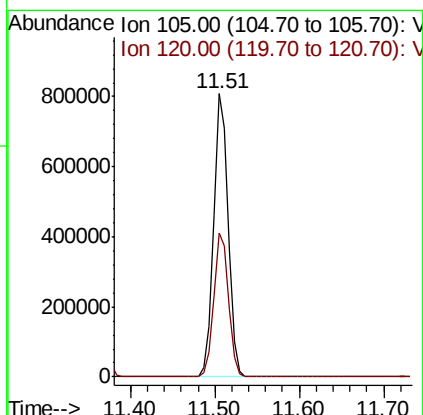
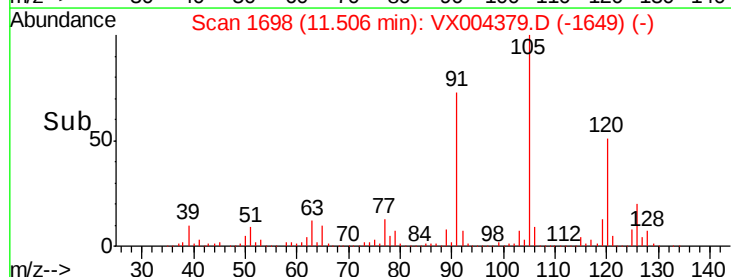
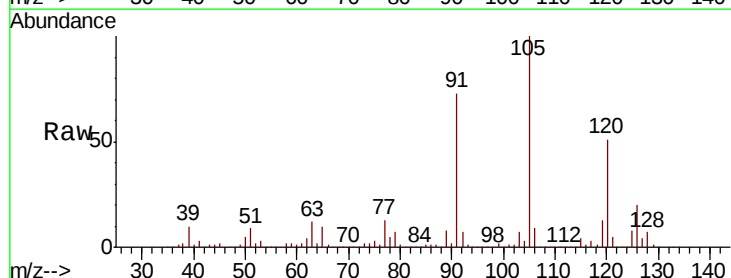
Acq: 06 Sep 2018 12:19

Tgt Ion: 105 Resp: 965035

Ion Ratio Lower Upper

105 100

120 51.8 25.6 76.8





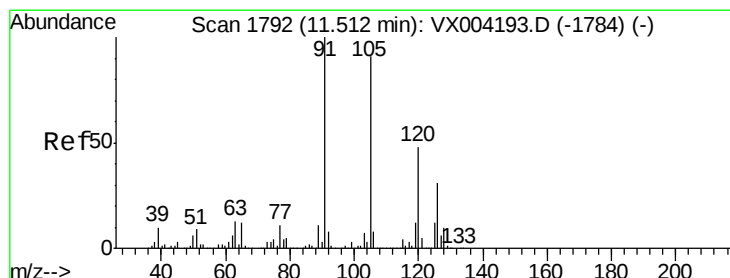
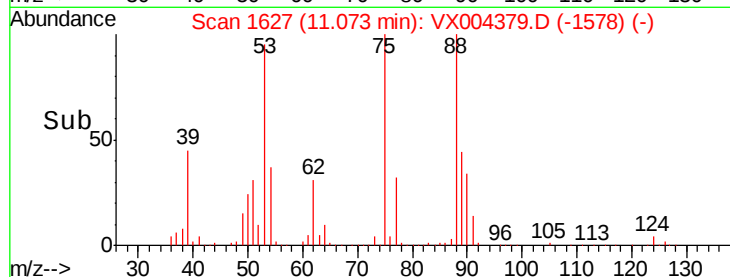
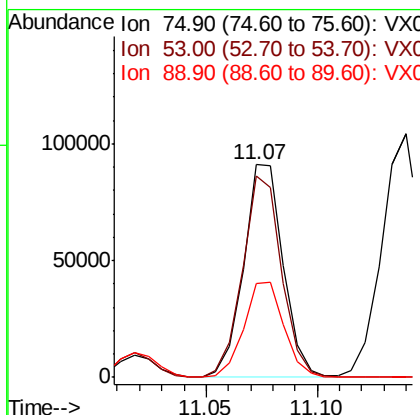
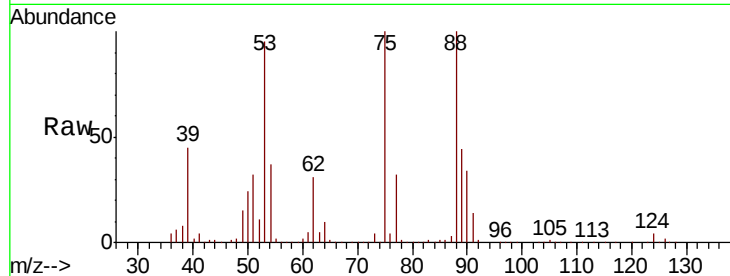
#81
trans-1,4-Dichloro-2-butene
Concen: 57.34 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.4	80.1	120.1
89	45.8	37.2	55.8

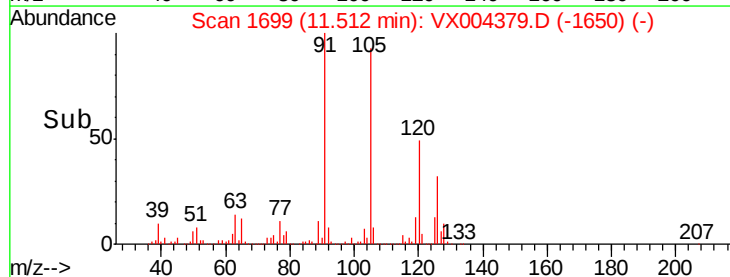
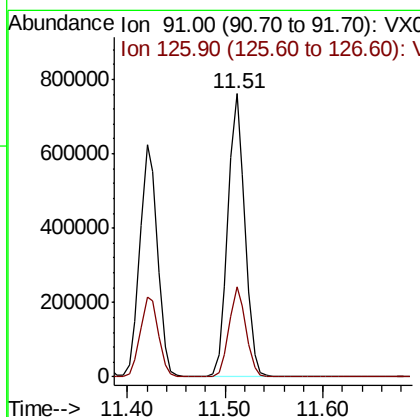
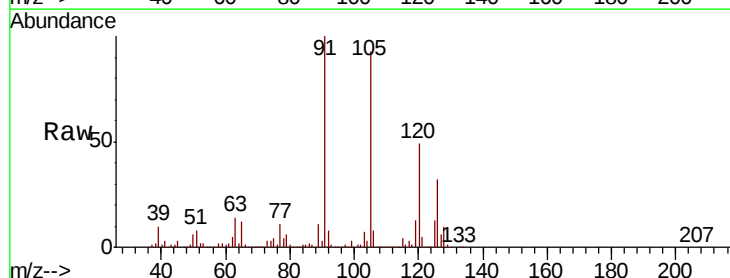
Manual Integrations
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#82
4-Chlorotoluene
Concen: 53.89 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.5	46.5





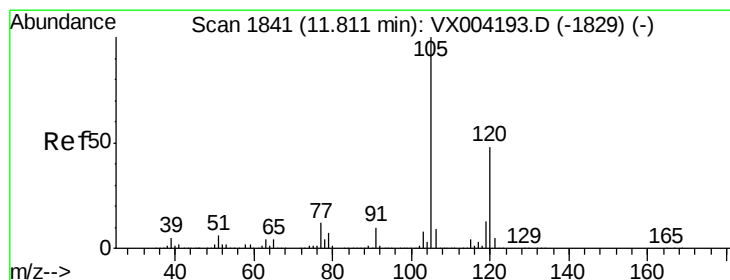
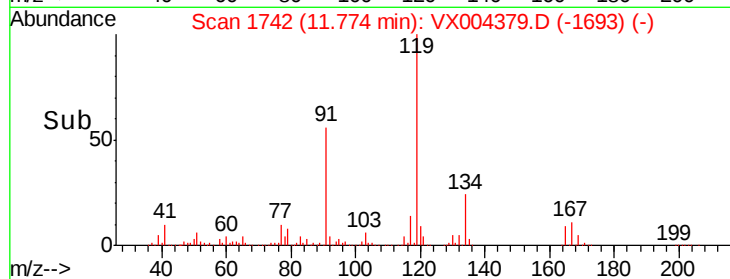
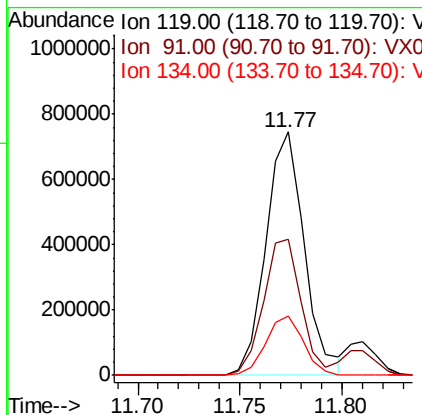
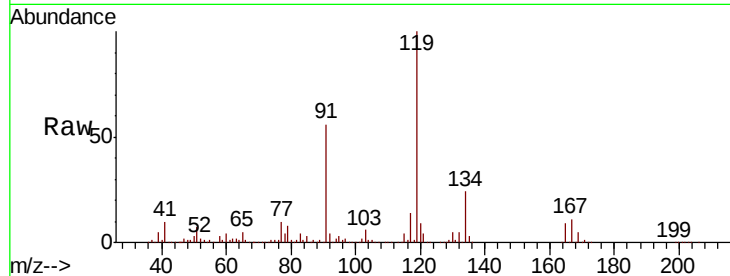
#83
 tert-Butylbenzene
 Concen: 57.11 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	977525		
91	54.8	27.0	81.0	
134	23.8	11.7	35.1	

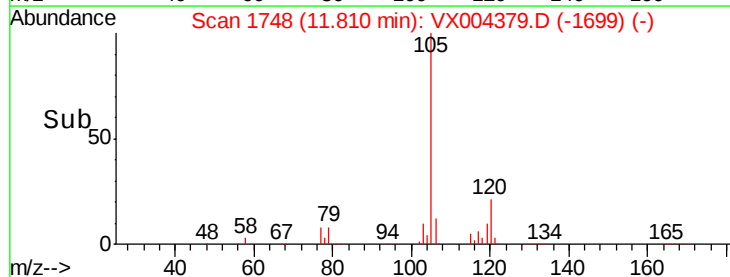
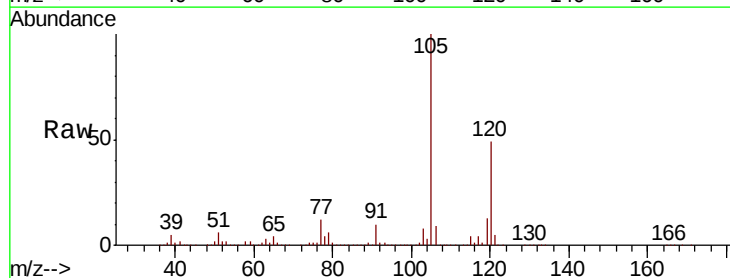
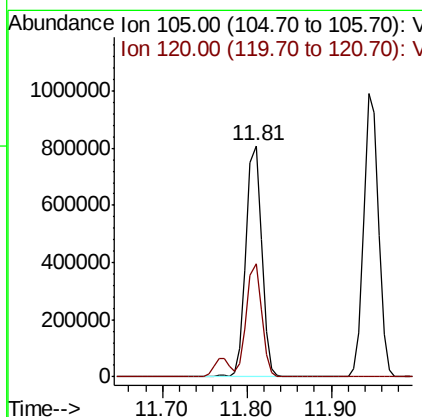
Manual Integrations
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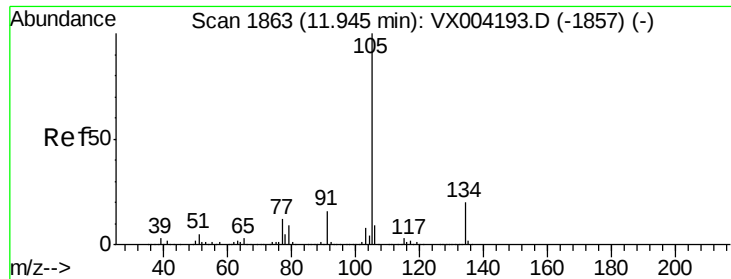
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#84
 1,2,4-Trimethylbenzene
 Concen: 57.58 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1005510		
120	47.2	23.2	69.6	





#85

sec-Butylbenzene

Concen: 59.88 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1216850

Ion Ratio Lower Upper

105 100

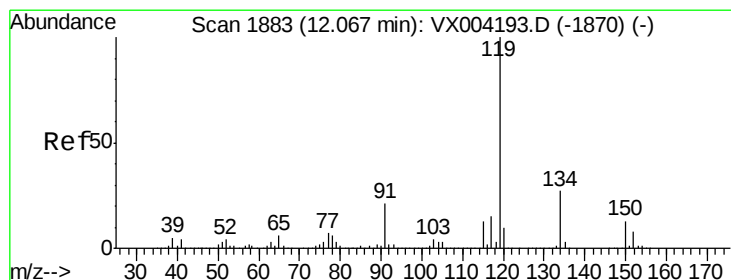
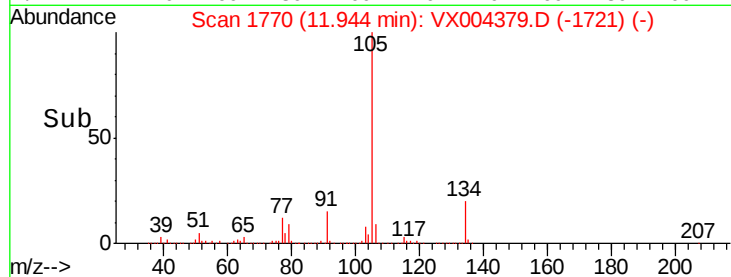
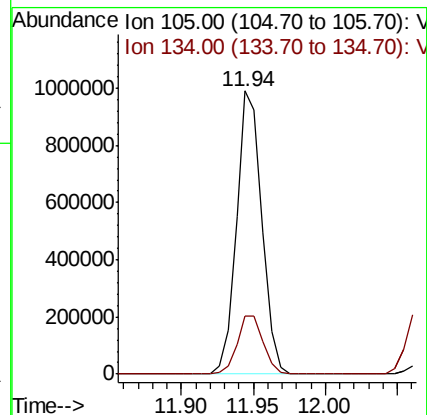
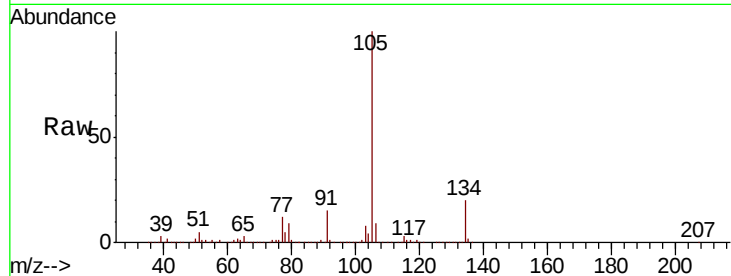
134 21.1 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 60.71 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

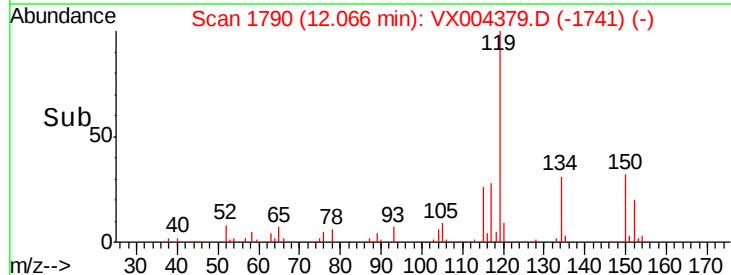
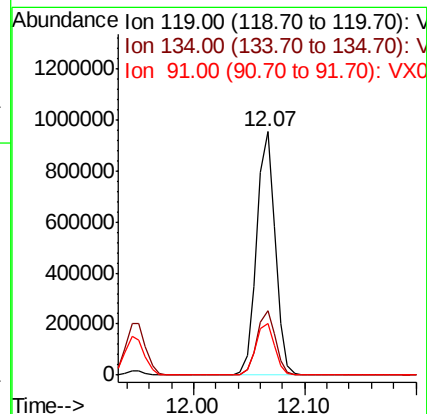
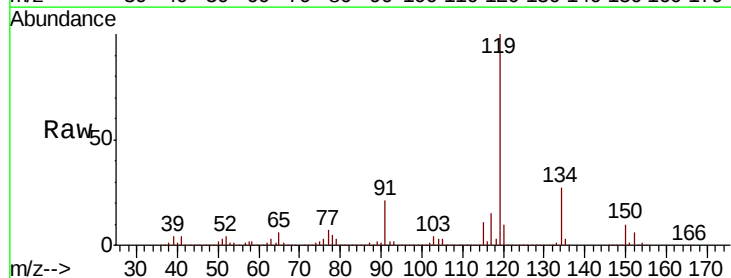
Tgt Ion:119 Resp: 1105610

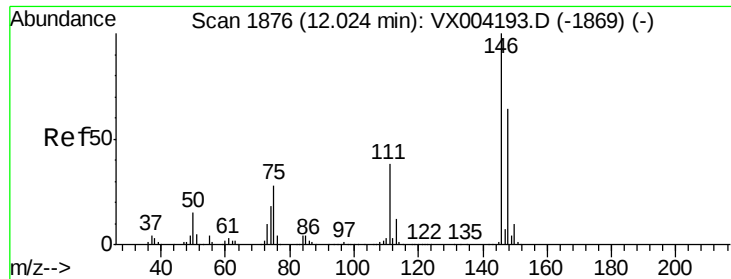
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 21.7 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 53.20 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

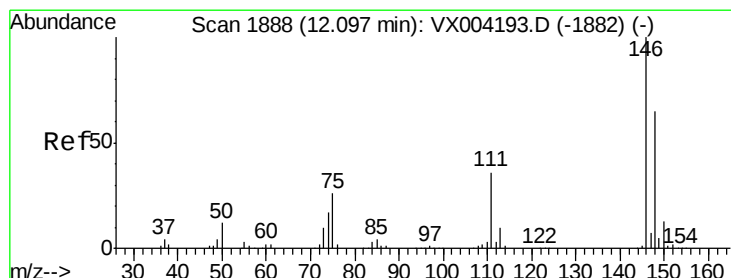
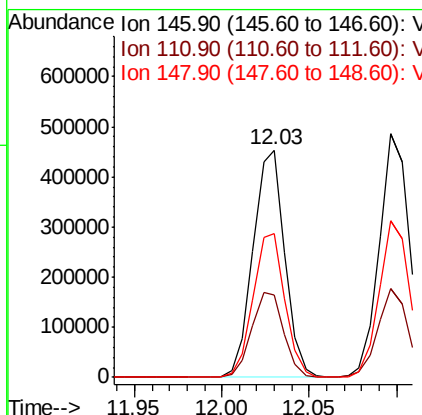
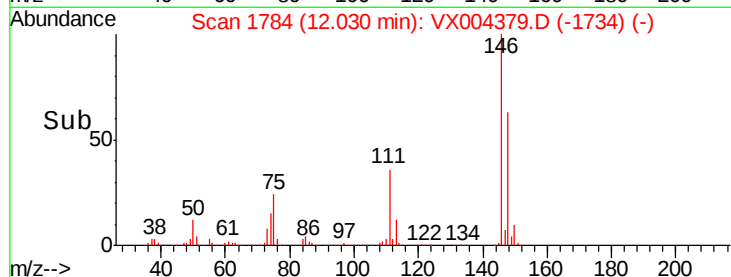
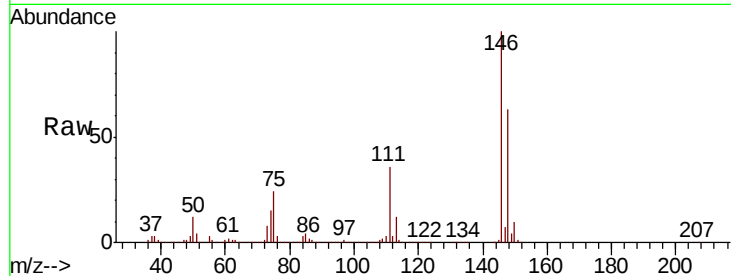
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	577159
Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	63.5	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.93 ug/l

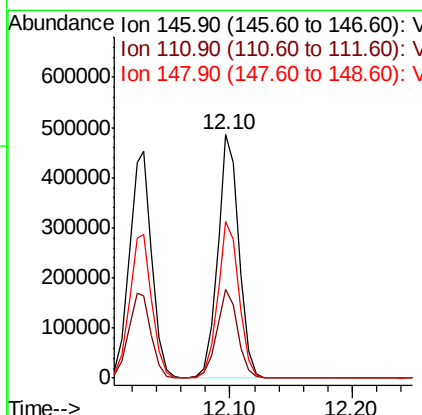
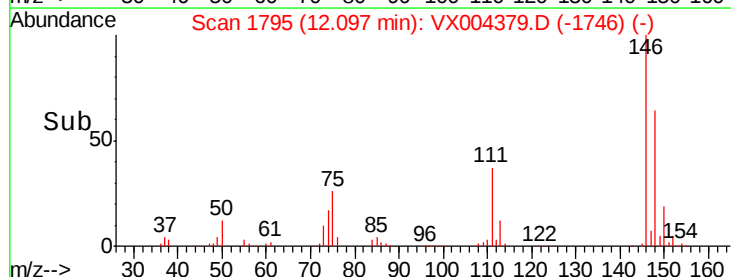
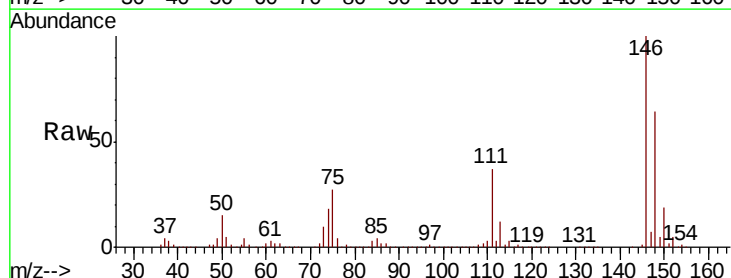
RT: 12.10 min Scan# 1795

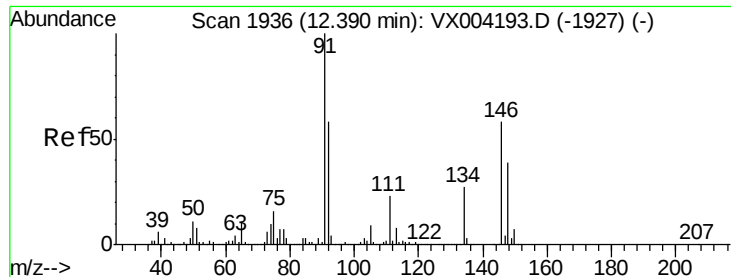
Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion:	146	Resp:	582591
Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.1
148	64.8	32.0	96.0





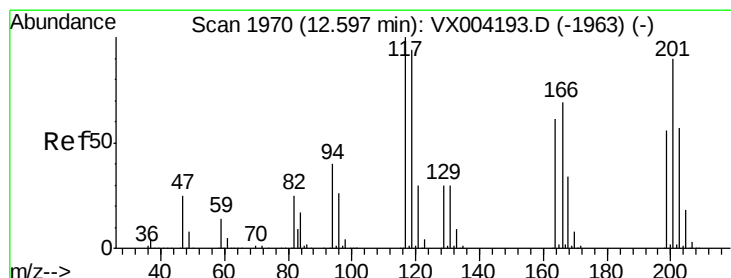
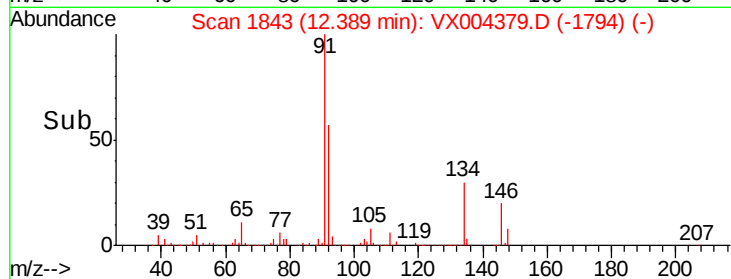
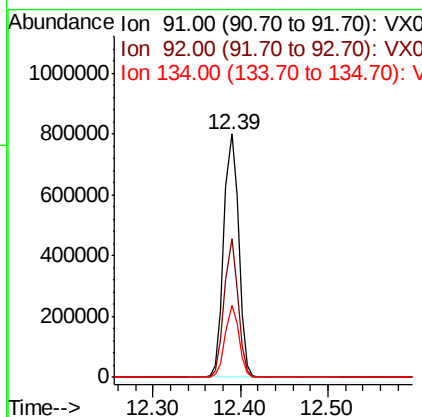
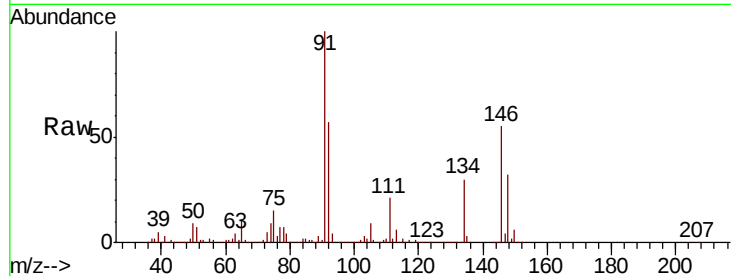
#89
n-Butylbenzene
Concen: 63.21 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.3	81.9
134	27.6	13.6	40.7

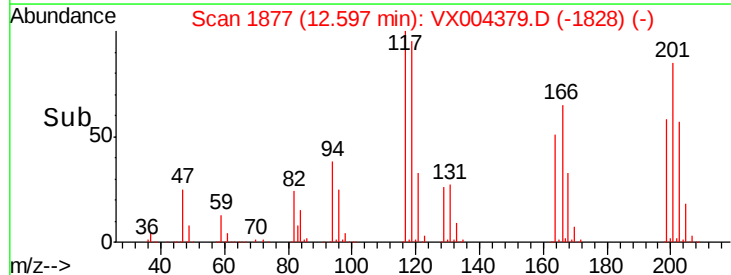
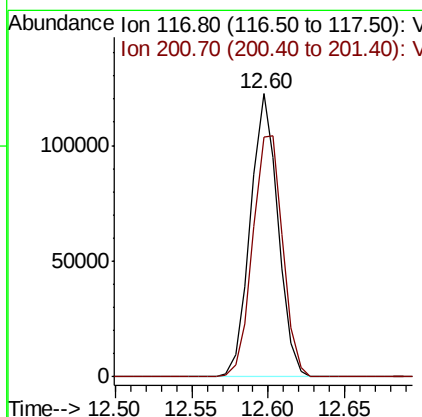
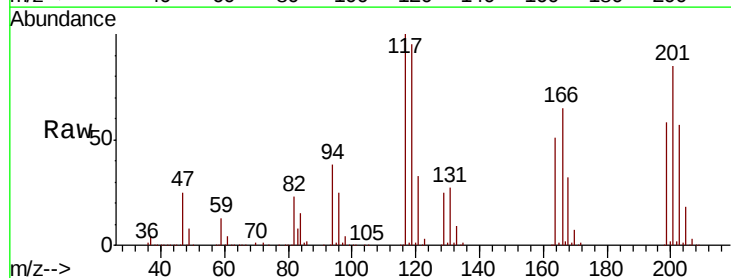
Manual Integrations
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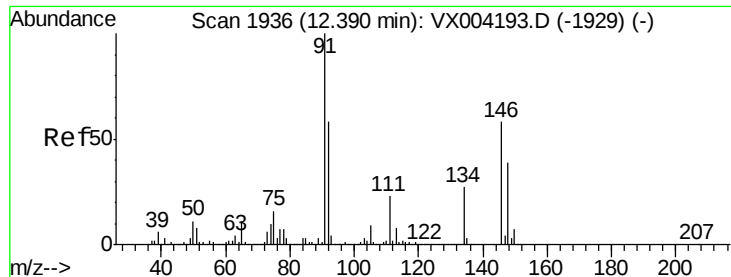
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#90
Hexachloroethane
Concen: 60.08 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.2	46.9	140.6





#91

1,2-Dichlorobenzene

Concen: 55.14 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Instrument :

MSVOA_X

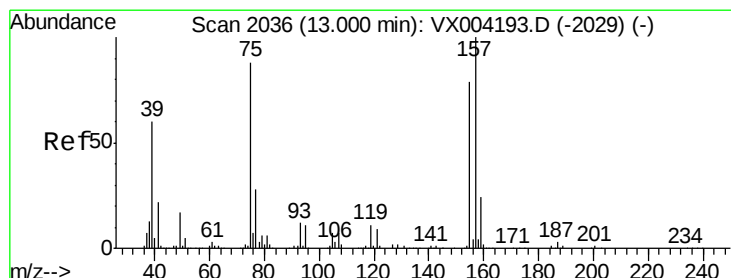
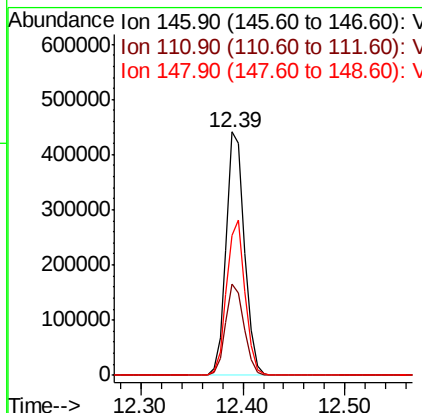
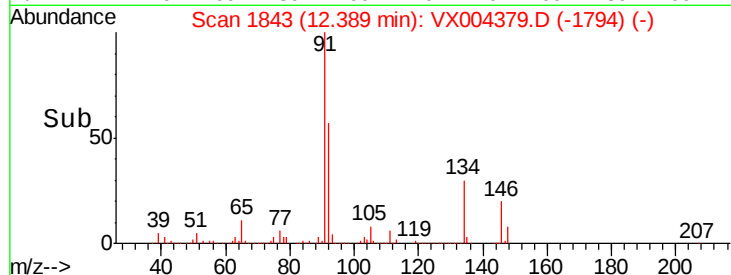
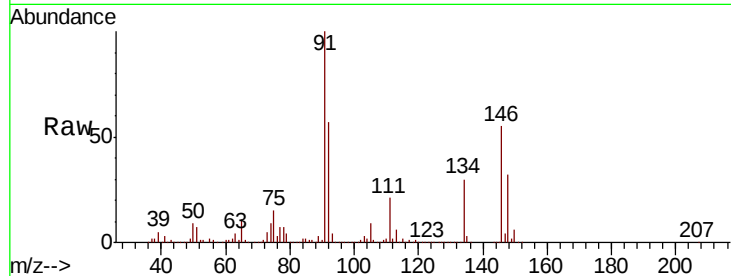
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	546799
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.4	58.1
148	63.5	32.8	98.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 54.05 ug/l

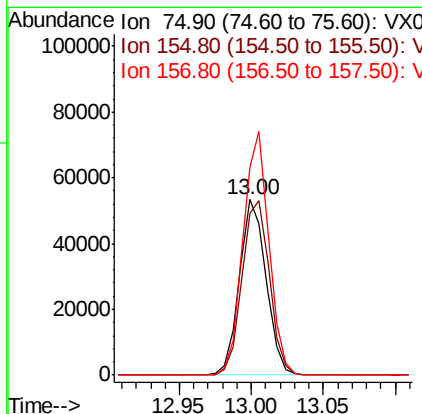
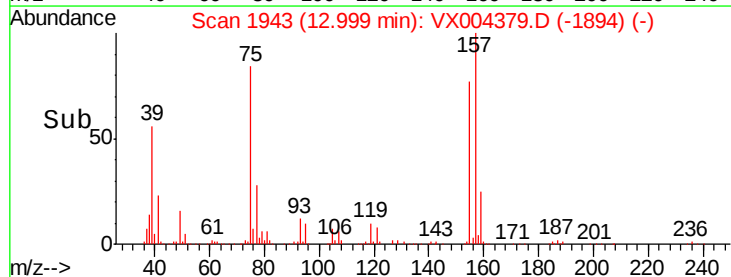
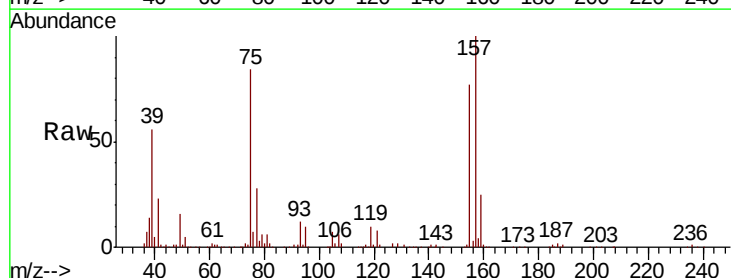
RT: 13.00 min Scan# 1943

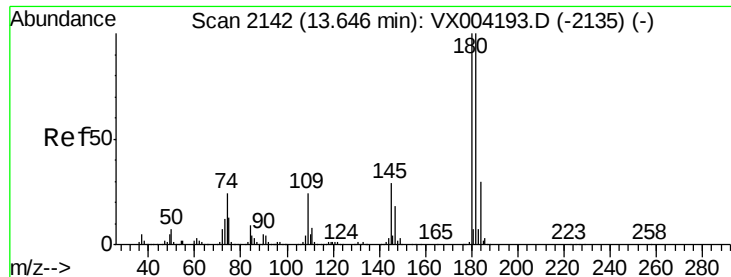
Delta R.T. -0.00 min

Lab File: VX004379.D

Acq: 06 Sep 2018 12:19

Tgt Ion:	75	Resp:	68442
Ion Ratio	Lower	Upper	
75	100		
155	101.3	48.0	144.2
157	133.6	61.4	184.1





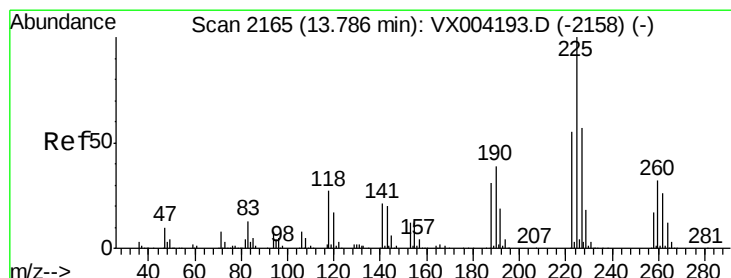
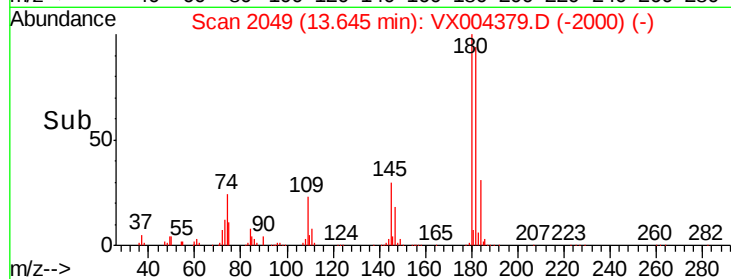
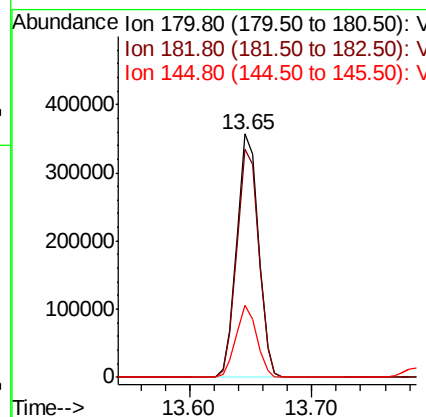
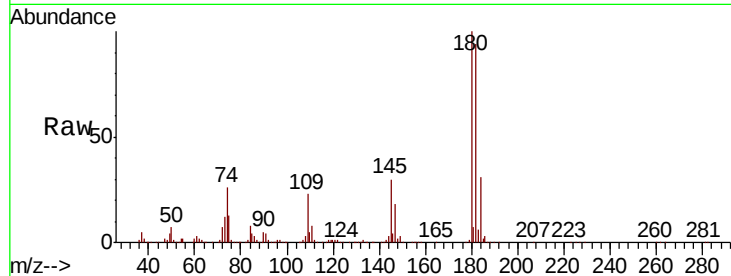
#93
 1,2,4-Trichlorobenzene
 Concen: 60.25 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	434660		
182	94.9	48.4	145.0	
145	28.3	14.3	42.9	

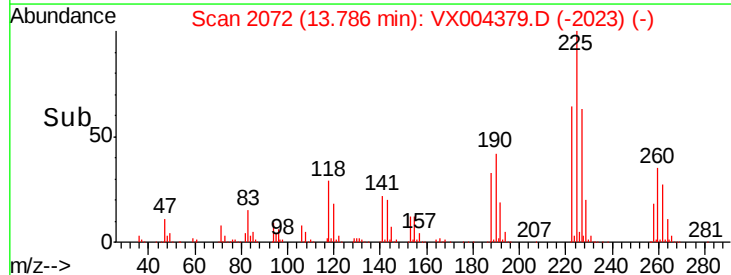
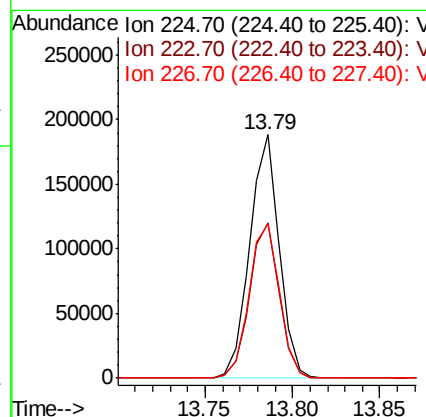
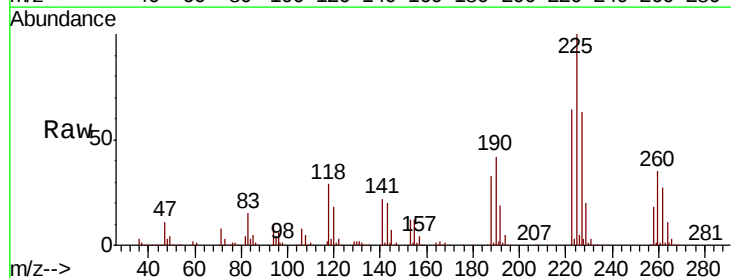
Manual Integrations
 APPROVED

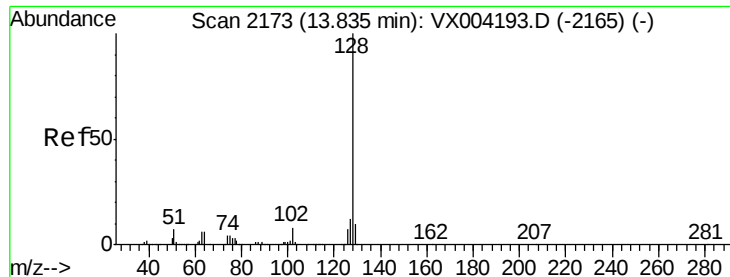
MMDadoda
 9/7/2018 1:42:53 PM



#94
 Hexachlorobutadiene
 Concen: 65.40 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004379.D
 Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	219368		
223	64.3	30.1	90.5	
227	65.5	30.8	92.4	





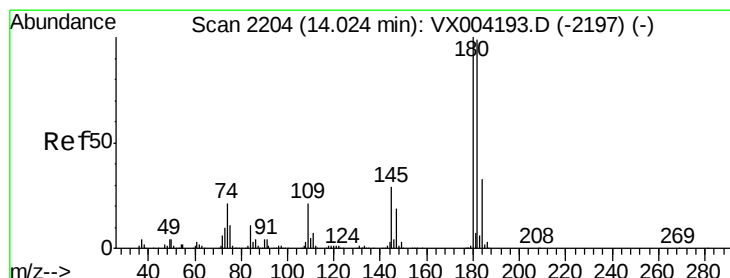
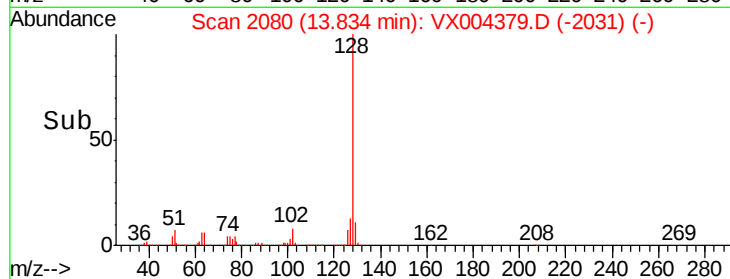
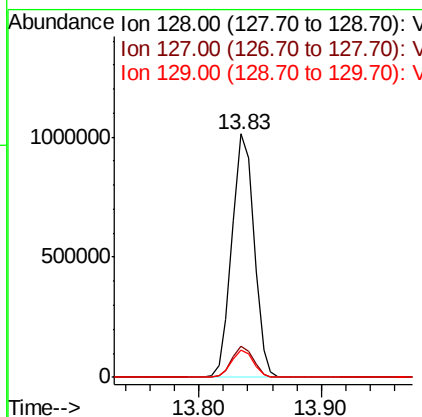
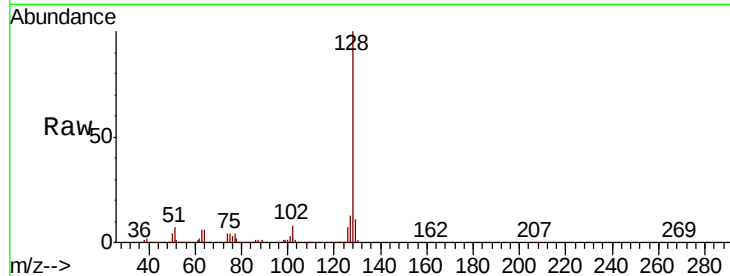
#95
Naphthalene
Concen: 61.95 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/7/2018 1:42:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 58.95 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004379.D
Acq: 06 Sep 2018 12:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.5	145.6
145	29.6	14.9	44.9

