

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004339.D
 Acq On : 04 Sep 2018 11:24
 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
 9/5/2018 4:52:21 PM

Quant Time: Sep 05 06:57:29 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	325223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	408481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	268592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	194397	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
35) Dibromofluoromethane	5.49	113	170548	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	8.71	98	637561	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.14	95	244785	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	178299	47.33	ug/l	97
3) Chloromethane	1.32	50	193101	46.40	ug/l	99
4) Vinyl Chloride	1.40	62	200177	46.98	ug/l	99
5) Bromomethane	1.63	94	90975	43.03	ug/l	99
6) Chloroethane	1.71	64	136523	44.93	ug/l	97
7) Trichlorofluoromethane	1.92	101	278541	47.70	ug/l	98
8) Diethyl Ether	2.18	74	121790	48.71	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	179096	48.97	ug/l	100
10) Methyl Iodide	2.51	142	186375	45.57	ug/l	98
11) Tert butyl alcohol	3.07	59	196701	217.69	ug/l	99
12) 1,1-Dichloroethene	2.37	96	159799	46.38	ug/l	98
13) Acrolein	2.29	56	52373	240.42	ug/l	97
14) Allyl chloride	2.72	41	313062	49.46	ug/l	98
15) Acrylonitrile	3.15	53	523202	233.81	ug/l	99
16) Acetone	2.44	43	439259	253.98	ug/l	99
17) Carbon Disulfide	2.56	76	417158	43.70	ug/l	99
18) Methyl Acetate	2.78	43	370817	58.95	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	559870	49.31	ug/l	98
20) Methylene Chloride	2.85	84	191425	46.91	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	174635	45.79	ug/l	97
22) Diisopropyl ether	3.87	45	590422	49.96	ug/l	99
23) Vinyl Acetate	3.82	43	2290777	239.14	ug/l	100
24) 1,1-Dichloroethane	3.69	63	339408	49.28	ug/l	99
25) 2-Butanone	4.70	43	690430	243.00	ug/l	98
26) 2,2-Dichloropropane	4.58	77	272904	50.52	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	207116	47.88	ug/l	99
28) Bromochloromethane	5.01	49	153084	50.20	ug/l	99
29) Tetrahydrofuran	5.15	42	431605	236.99	ug/l	100
30) Chloroform	5.21	83	337244	48.83	ug/l	100
31) Cyclohexane	5.57	56	286414	48.19	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	281464	48.88	ug/l	99
36) 1,1-Dichloropropene	5.79	75	253419	50.23	ug/l	99
37) Ethyl Acetate	4.85	43	245391	49.46	ug/l	100
38) Carbon Tetrachloride	5.78	117	246337	51.90	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	306635	53.23	ug/l	99
40) Benzene	6.14	78	771049	51.15	ug/l	99
41) Methacrylonitrile	5.06	41	149435	51.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	255937	49.77	ug/l	99
43) Isopropyl Acetate	6.46	43	392184	51.44	ug/l	99
44) Trichloroethene	7.21	130	209534	50.21	ug/l	97
45) 1,2-Dichloropropane	7.51	63	200572	53.16	ug/l	100
46) Dibromomethane	7.66	93	126226	50.25	ug/l	99
47) Bromodichloromethane	7.90	83	252334	53.98	ug/l	99
48) Methyl methacrylate	7.77	41	214589	52.60	ug/l	99
49) 1,4-Dioxane	7.76	88	88122	951.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1358673	245.27	ug/l	99
52) Toluene	8.78	92	492019	52.14	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	283542	54.92	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	313442	55.73	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	202021	53.03	ug/l	98
56) Ethyl methacrylate	9.18	69	286218	55.19	ug/l	99
57) 1,3-Dichloropropane	9.37	76	337395	52.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	813973	306.34	ug/l	100
59) 2-Hexanone	9.49	43	1042911	246.77	ug/l	100
60) Dibromochloromethane	9.59	129	203661	54.88	ug/l	100
61) 1,2-Dibromoethane	9.67	107	204459	51.87	ug/l	99
64) Tetrachloroethene	9.34	164	218473	54.14	ug/l	98
65) Chlorobenzene	10.14	112	515666	50.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	185990	52.60	ug/l	97
67) Ethyl Benzene	10.25	91	865537	51.99	ug/l	98
68) m/p-Xylenes	10.36	106	716352	110.04	ug/l	98
69) o-Xylene	10.70	106	337434	54.80	ug/l	98
70) Styrene	10.71	104	561434	56.31	ug/l	98
71) Bromoform	10.86	173	154508	54.21	ug/l	98
73) Isopropylbenzene	11.02	105	959238	54.38	ug/l	99
74) N-amyl acetate	10.90	43	344486	50.72	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	300878	48.74	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	283614m	51.92	ug/l	
77) Bromobenzene	11.26	156	252342	50.99	ug/l	98
78) n-propylbenzene	11.36	91	1125989	55.50	ug/l	99
79) 2-Chlorotoluene	11.42	91	653163	52.30	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	786519	53.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	90334	53.65	ug/l	96
82) 4-Chlorotoluene	11.51	91	758725	51.63	ug/l	99
83) tert-Butylbenzene	11.77	119	797773	54.28	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	838686	55.93	ug/l	100
85) sec-Butylbenzene	11.94	105	1004270	57.55	ug/l	99
86) p-Isopropyltoluene	12.07	119	900279	57.57	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	474717	50.95	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	493771	50.26	ug/l	100
89) n-Butylbenzene	12.39	91	787408	61.92	ug/l	98
90) Hexachloroethane	12.60	117	129592	59.29	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	464819	54.59	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55227	50.79	ug/l	99

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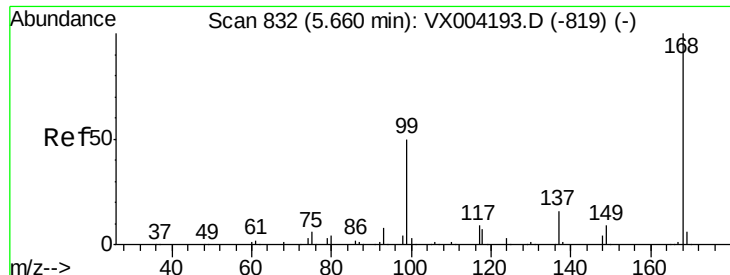
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	338357	54.61	ug/l	98
94) Hexachlorobutadiene	13.79	225	179915	62.46	ug/l	94
95) Naphthalene	13.83	128	1001529	57.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	367794	56.08	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 325223

Ion Ratio Lower Upper

168 100

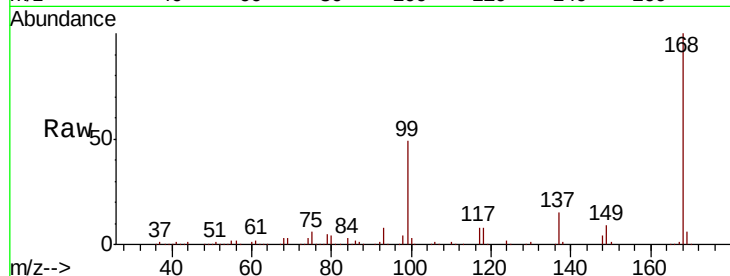
99 49.3 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

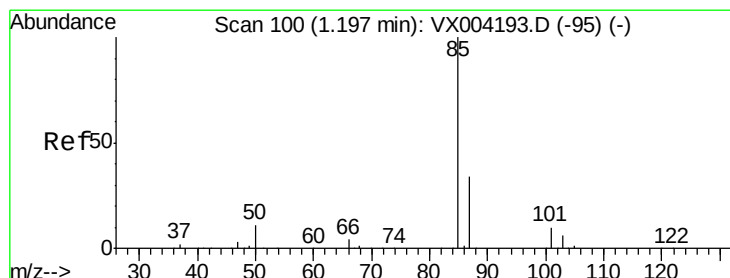
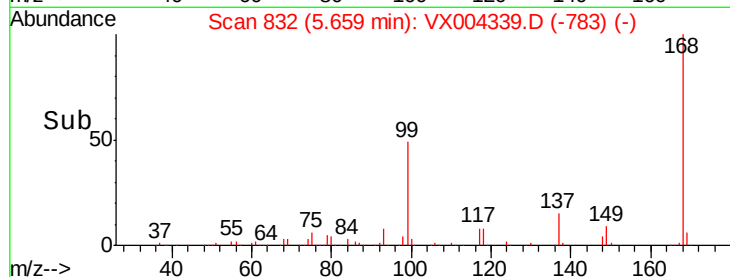
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.33 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004339.D

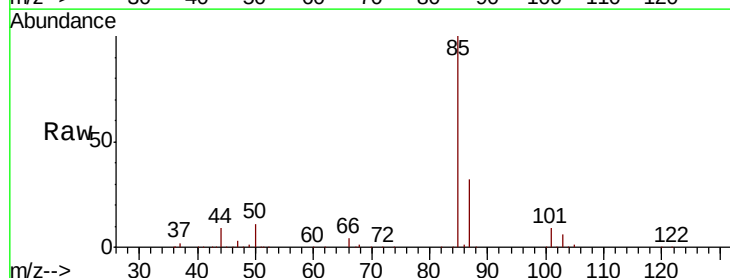
Acq: 04 Sep 2018 11:24

Tgt Ion: 85 Resp: 178299

Ion Ratio Lower Upper

85 100

87 32.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

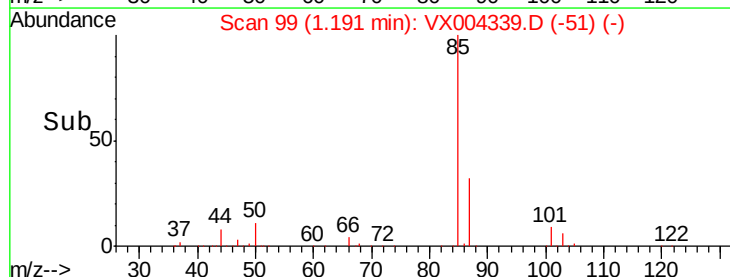
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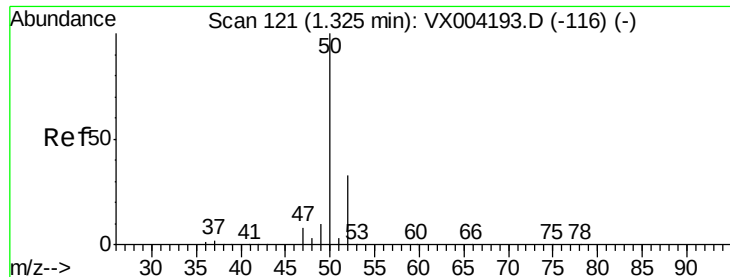
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.40 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 193101

Ion Ratio Lower Upper

50 100

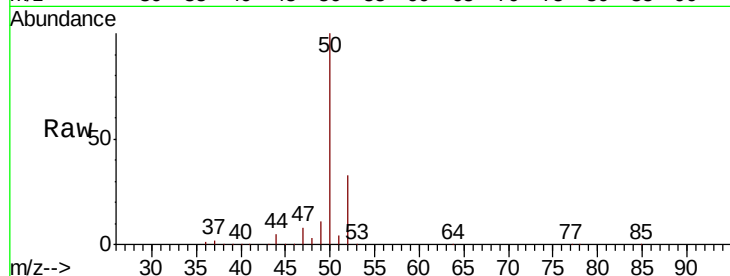
52 33.2 26.2 39.2

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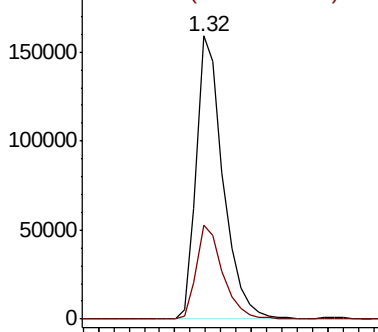
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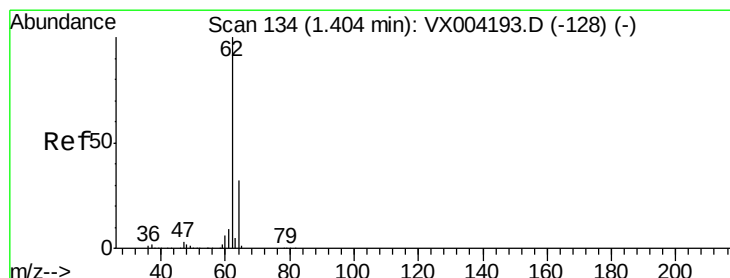
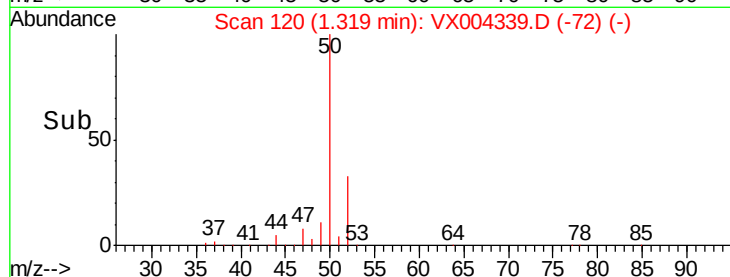


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 46.98 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004339.D

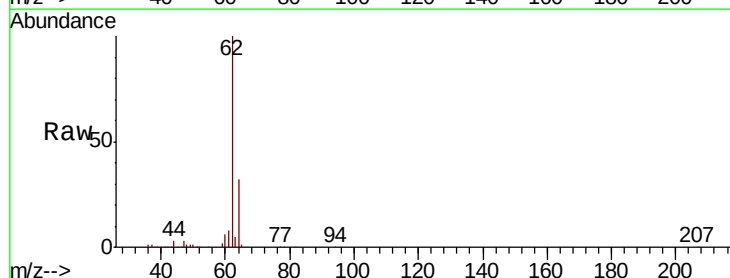
Acq: 04 Sep 2018 11:24

Tgt Ion: 62 Resp: 200177

Ion Ratio Lower Upper

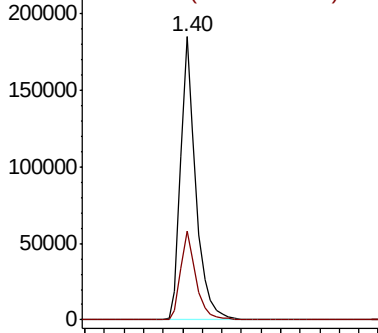
62 100

64 31.5 25.8 38.8

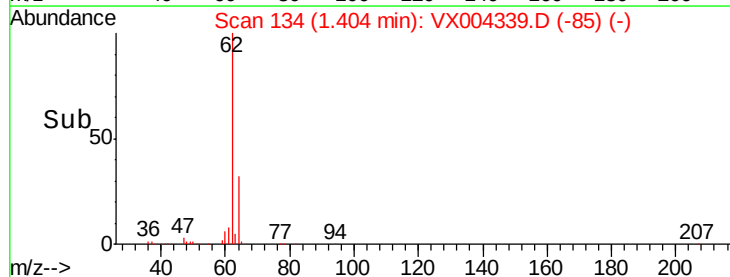


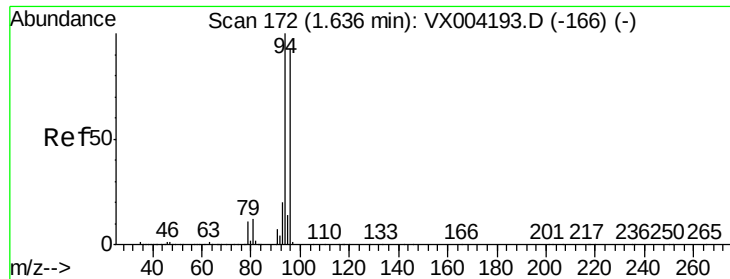
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 43.03 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 90975

Ion Ratio Lower Upper

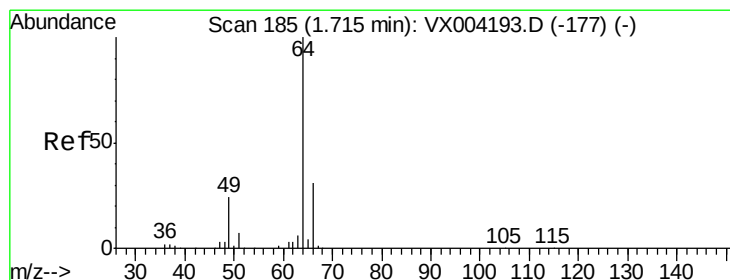
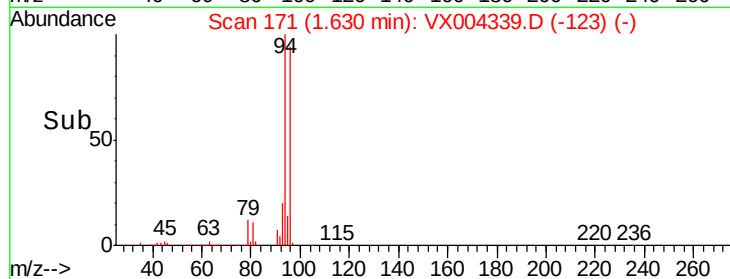
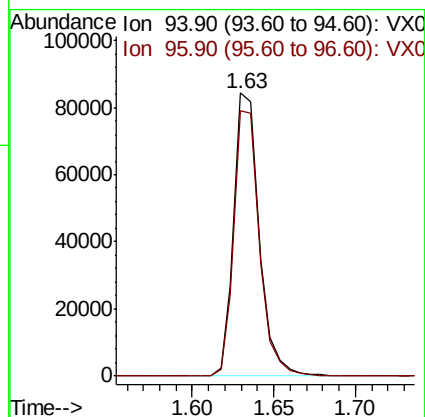
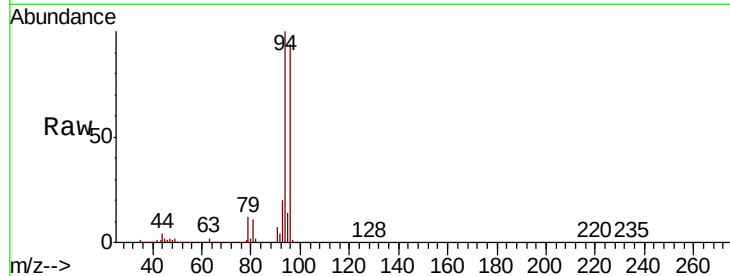
94 100

96 94.1 74.5 111.7

Manual Integrations
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#6

Chloroethane

Concen: 44.93 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004339.D

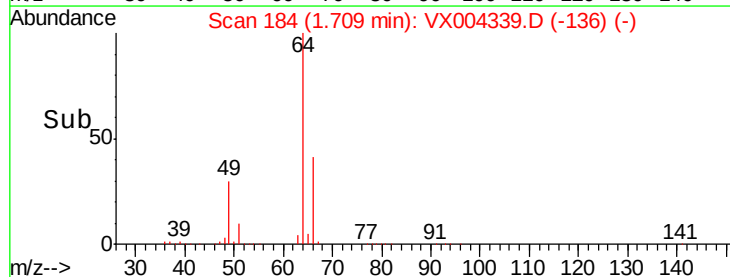
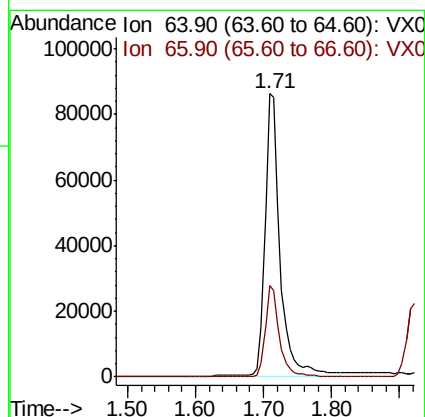
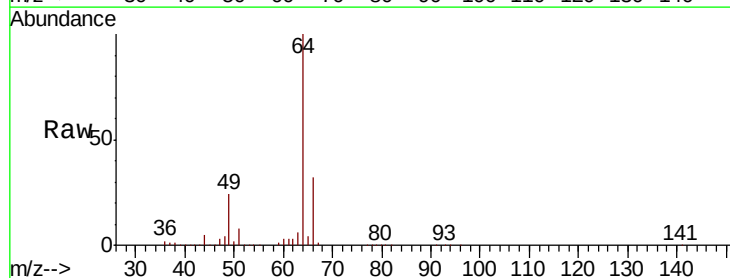
Acq: 04 Sep 2018 11:24

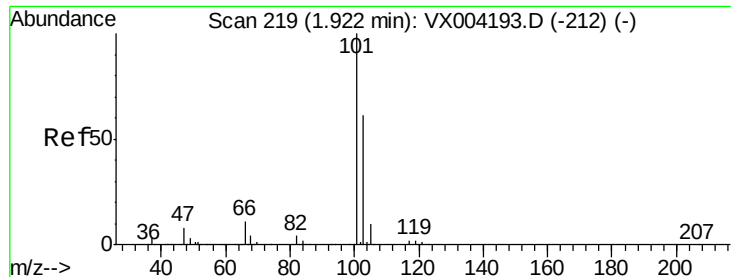
Tgt Ion: 64 Resp: 136523

Ion Ratio Lower Upper

64 100

66 32.1 24.6 36.8





#7

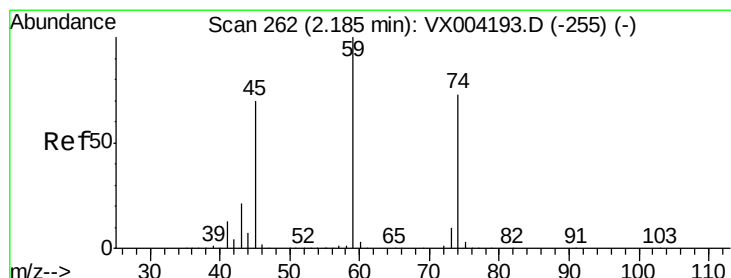
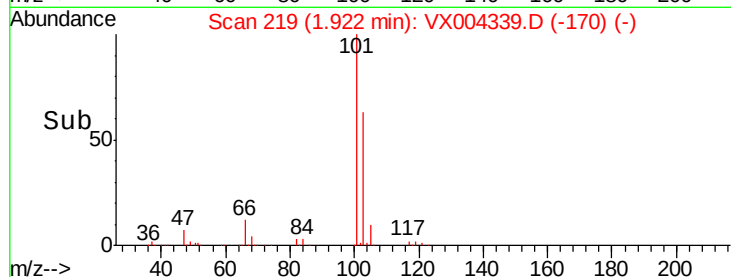
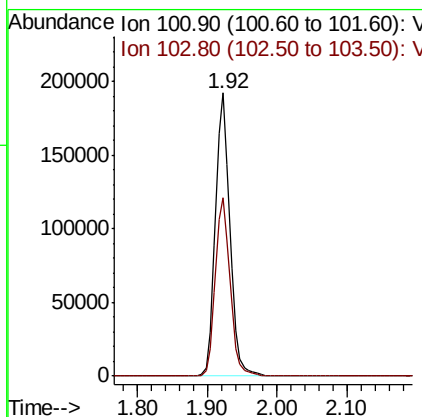
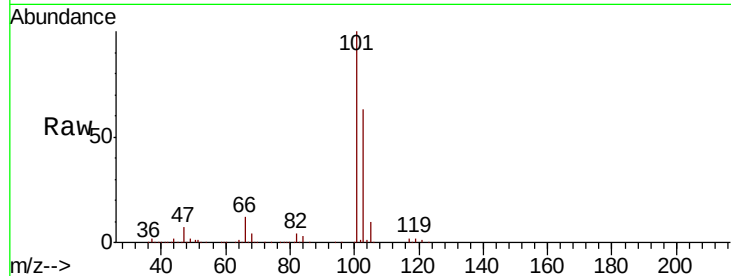
Trichlorofluoromethane
Concen: 47.70 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	278541		
103	63.0	48.9	73.3	

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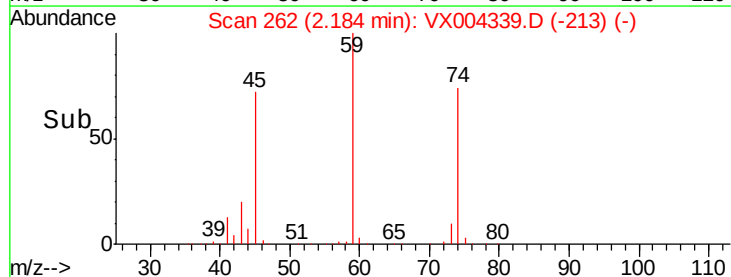
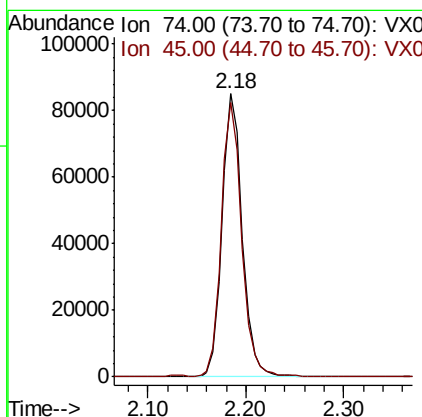
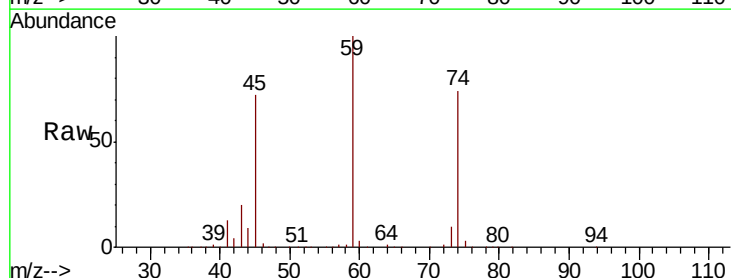
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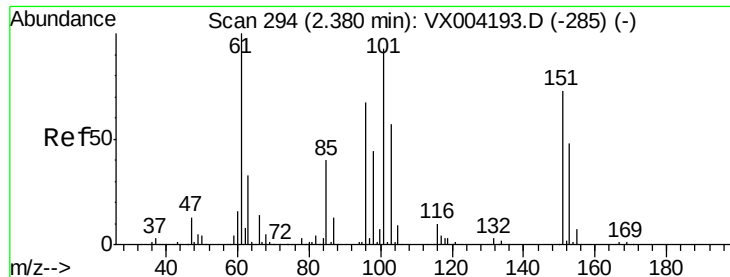


#8

Diethyl Ether
Concen: 48.71 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	121790		
45	97.5	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.97 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

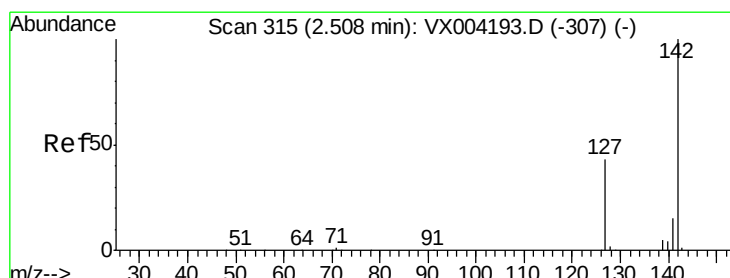
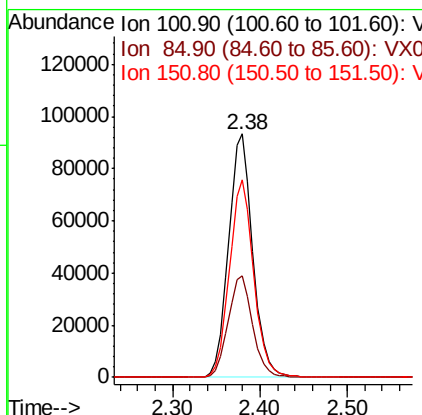
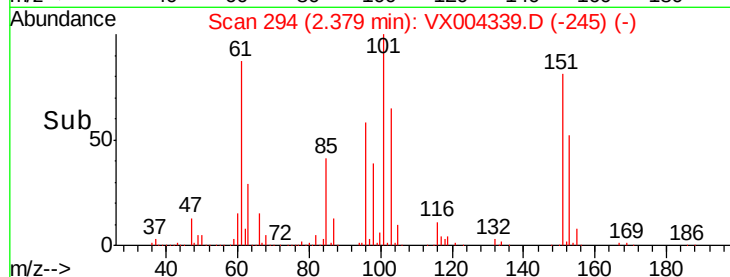
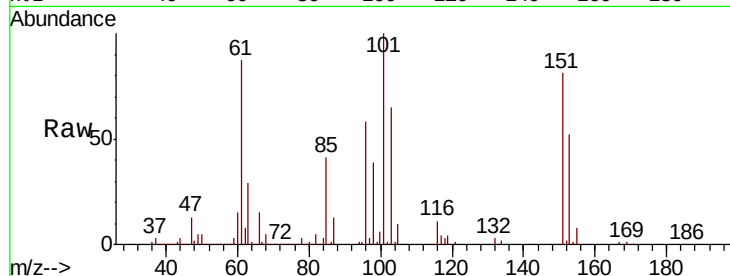
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	179096
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.2	51.4
151	81.5	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 45.57 ug/l

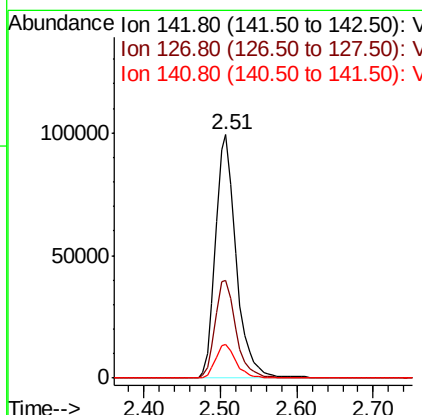
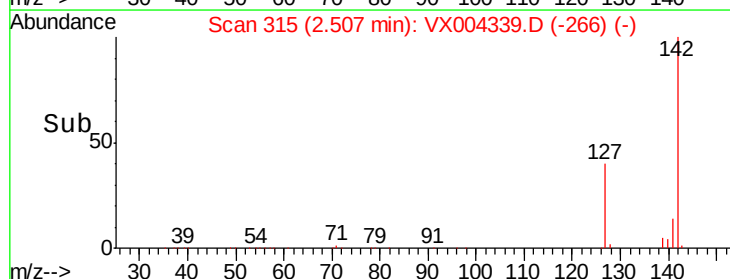
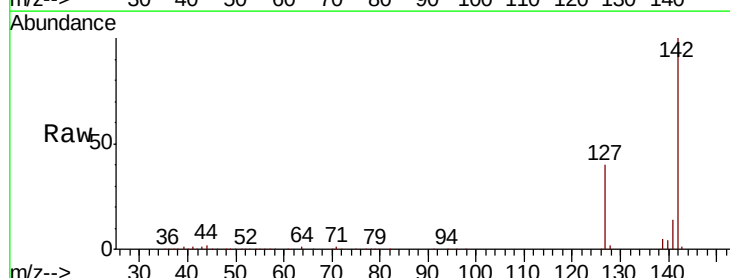
RT: 2.51 min Scan# 315

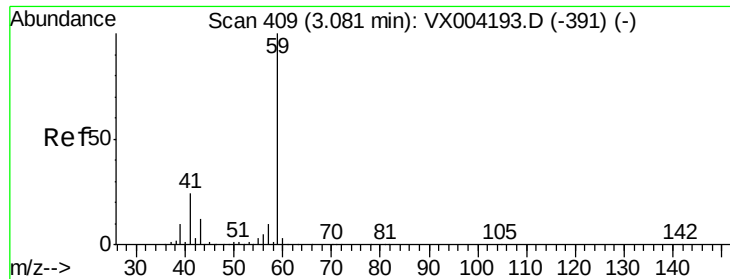
Delta R.T. 0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tgt Ion:	142	Resp:	186375
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.8	50.6
141	13.9	11.4	17.0





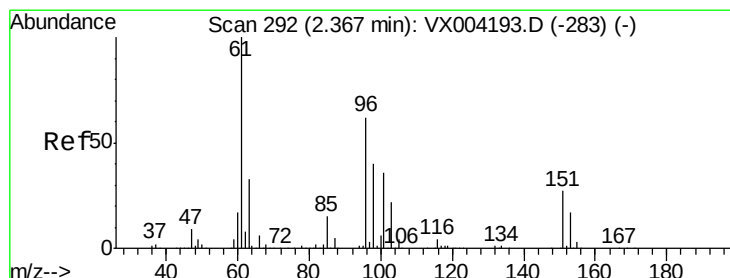
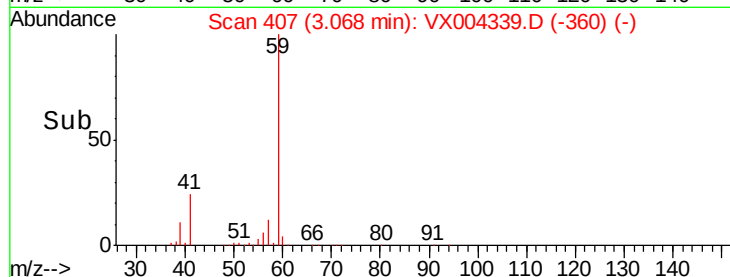
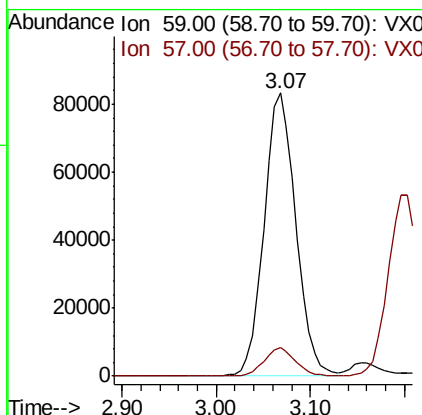
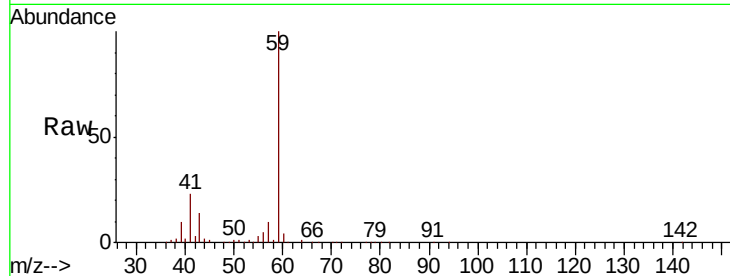
#11
Tert butyl alcohol
Concen: 217.69 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	196701		
57	9.9		8.2	12.4

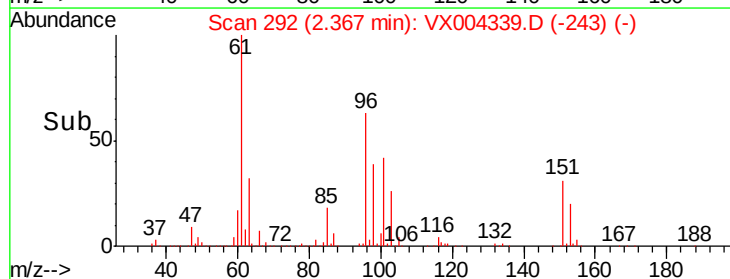
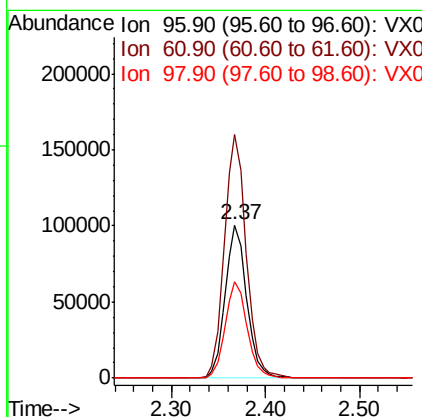
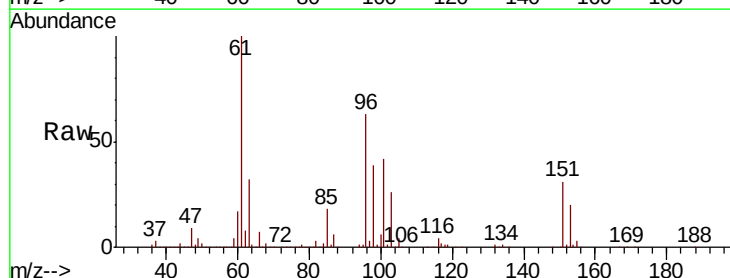
Manual Integrations
APPROVED

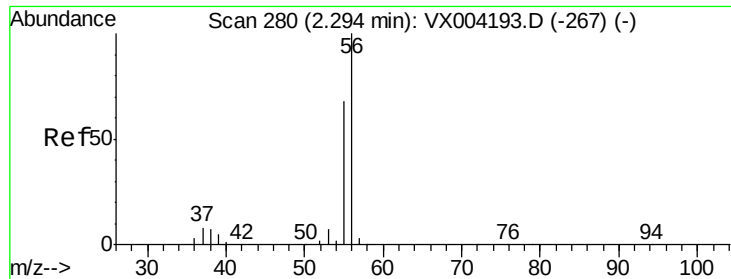
MMDadoda
9/5/2018 4:52:21 PM



#12
1,1-Dichloroethene
Concen: 46.38 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	159799		
61	159.3		128.8	193.2
98	62.8		52.2	78.2





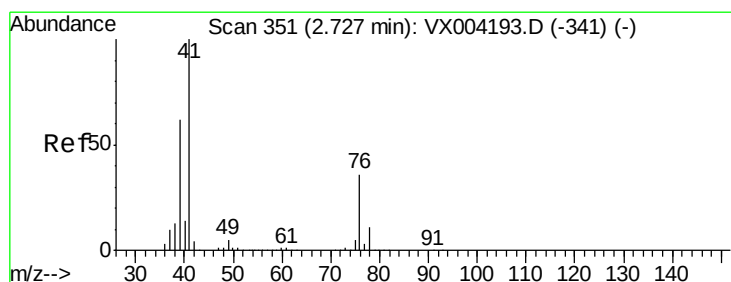
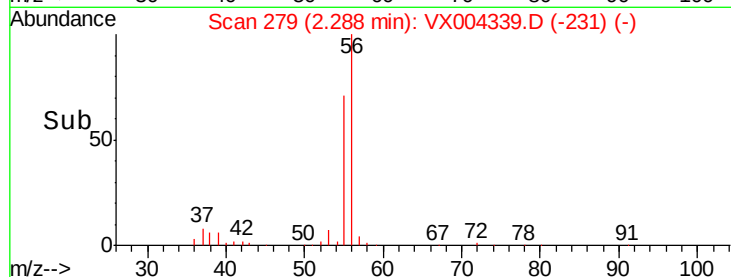
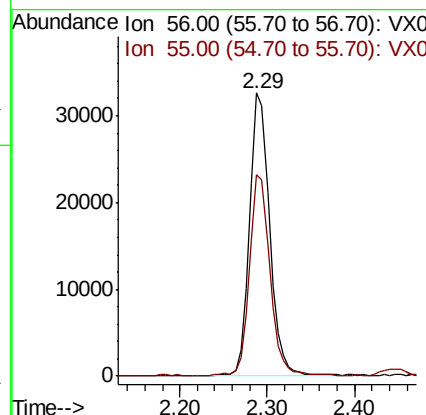
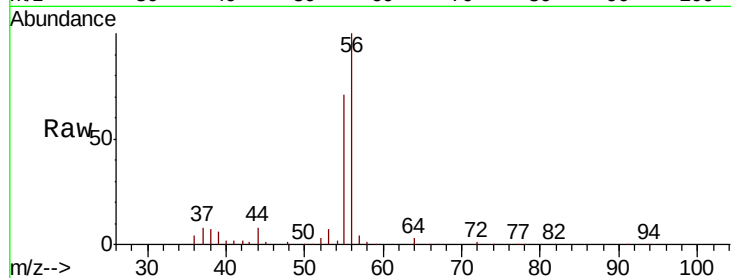
#13
Acrolein
Concen: 240.42 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.9	54.7	82.1

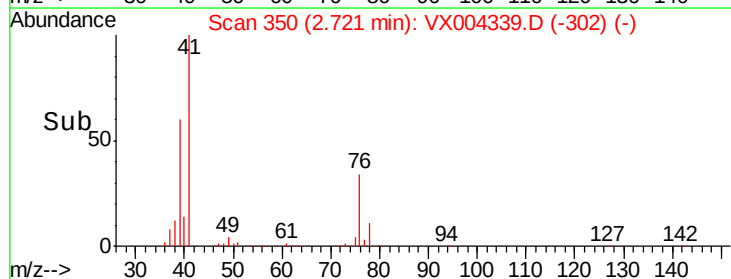
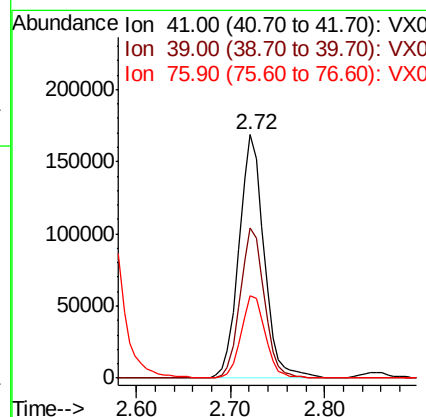
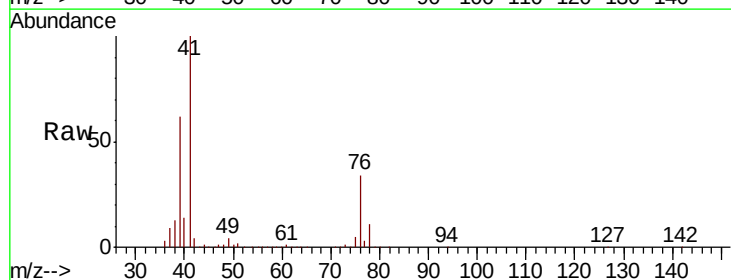
Manual Integrations
APPROVED

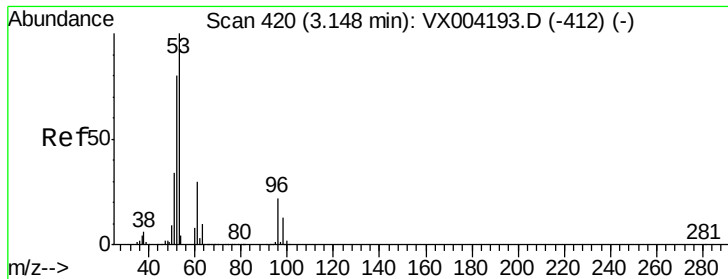
MMDadoda
9/5/2018 4:52:21 PM



#14
Allyl chloride
Concen: 49.46 ug/l
RT: 2.72 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.4	48.9	73.3
76	32.6	26.7	40.1





#15

Acrylonitrile

Concen: 233.81 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

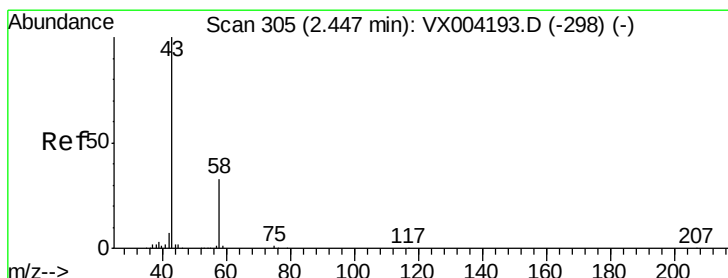
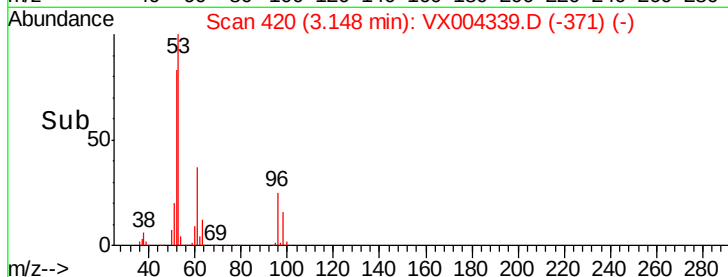
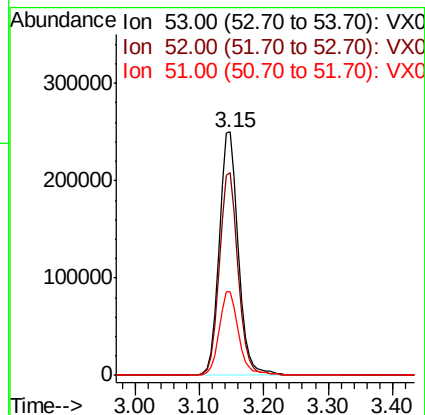
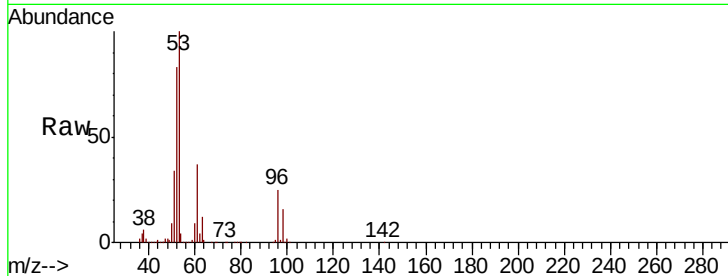
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	523202
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.2	97.8
51	34.9	28.2	42.2

Manual Integrations
APPROVED

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#16

Acetone

Concen: 253.98 ug/l

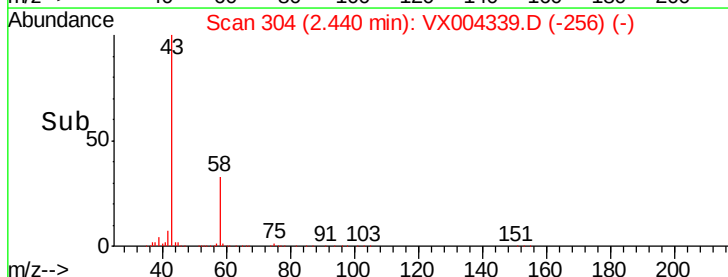
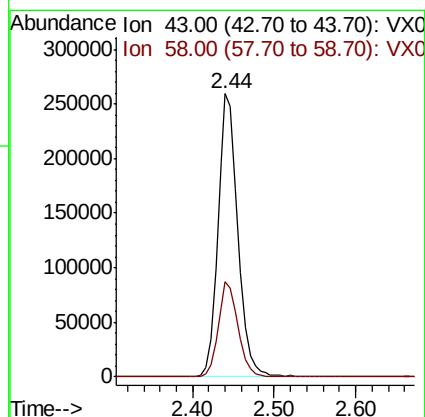
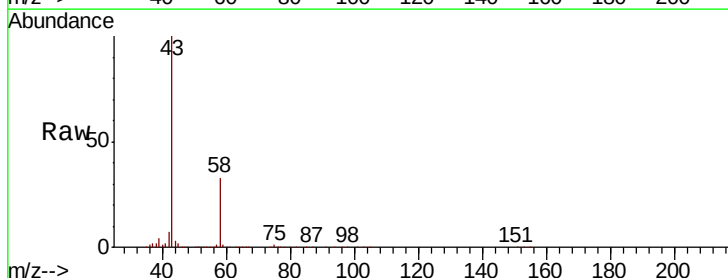
RT: 2.44 min Scan# 304

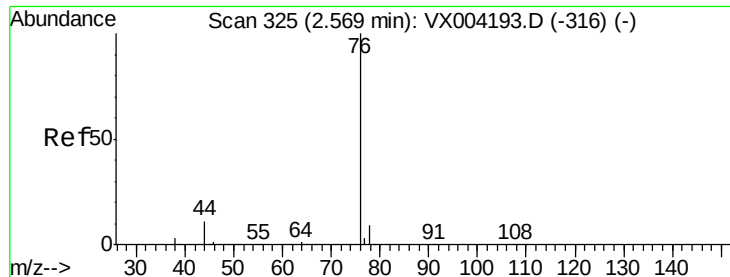
Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tgt Ion:	43	Resp:	439259
Ion Ratio	Lower	Upper	
43	100		
58	33.4	26.2	39.4





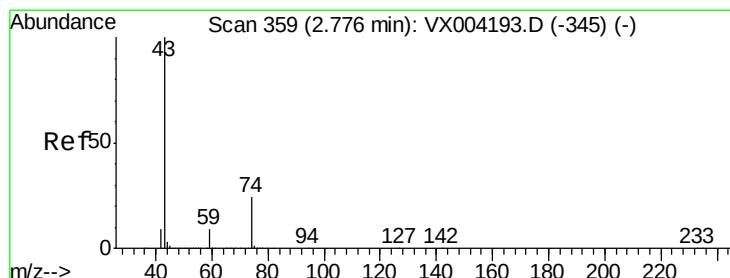
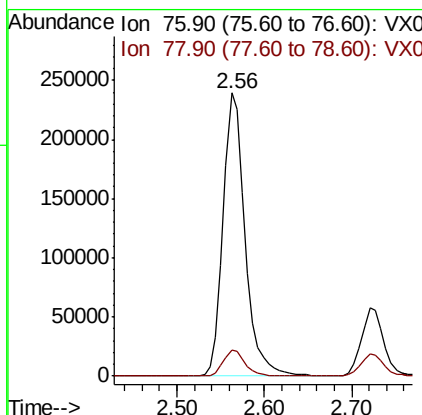
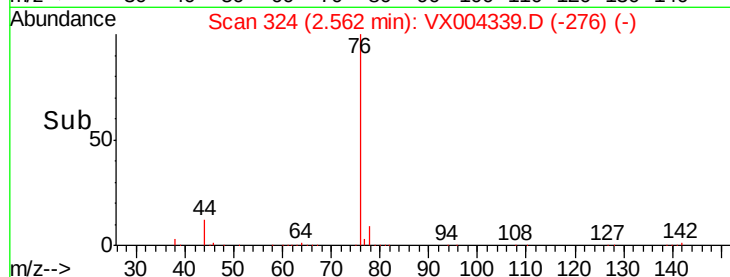
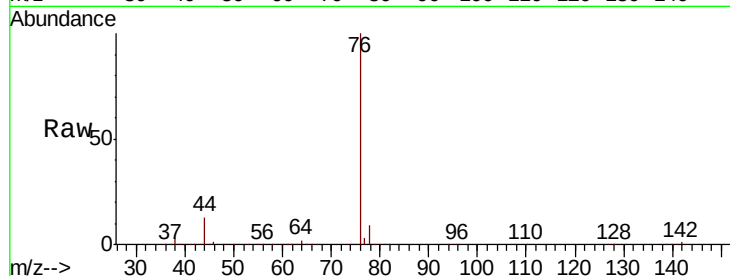
#17
Carbon Disulfide
Concen: 43.70 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

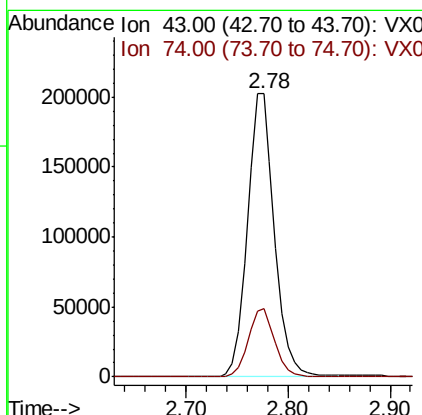
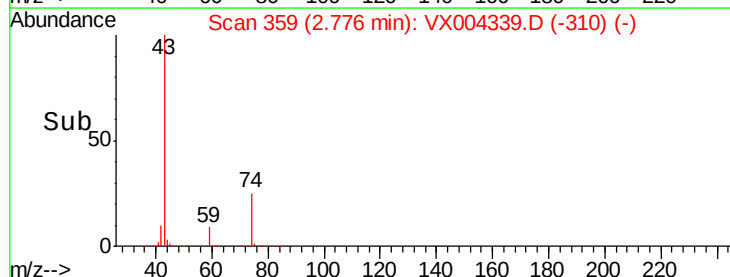
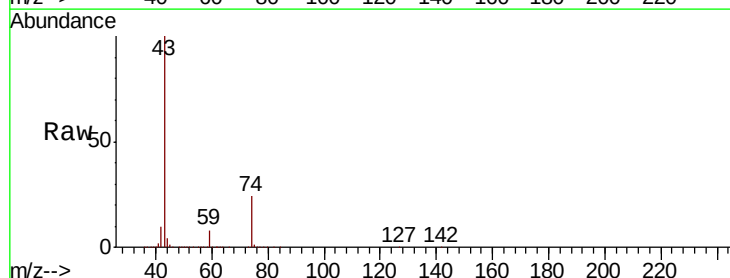
Manual Integrations
APPROVED

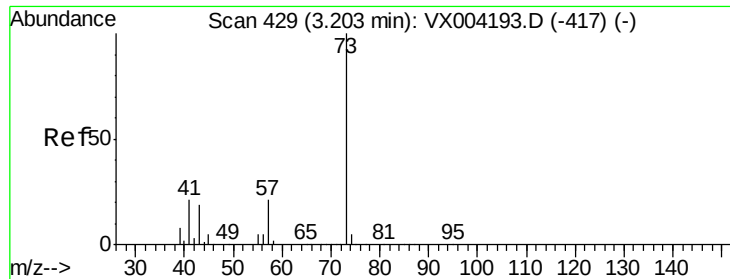
MMDadoda
9/5/2018 4:52:21 PM



#18
Methyl Acetate
Concen: 58.95 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.4	29.2





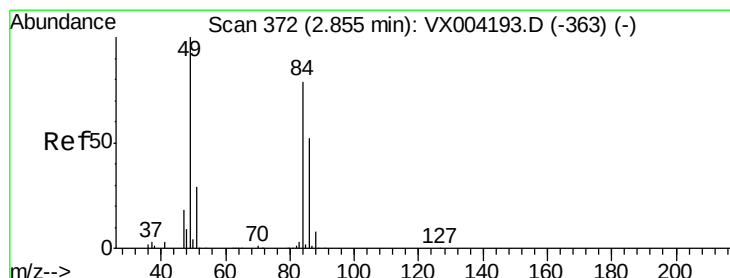
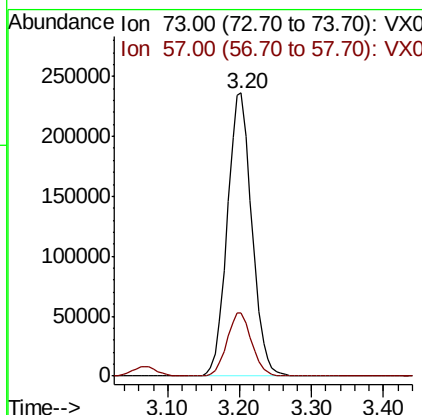
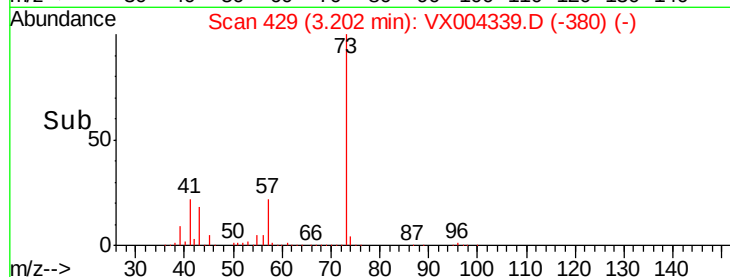
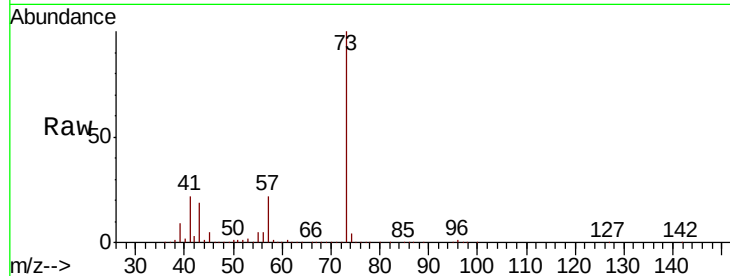
#19
Methyl tert-butyl Ether
Concen: 49.31 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.1	25.7

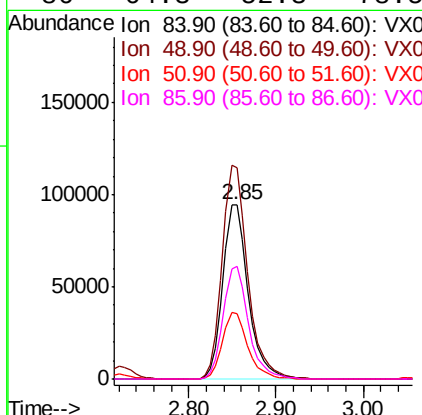
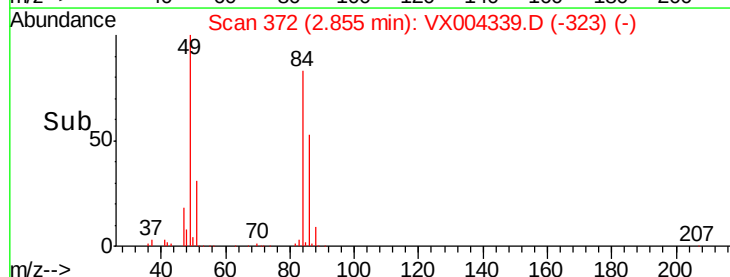
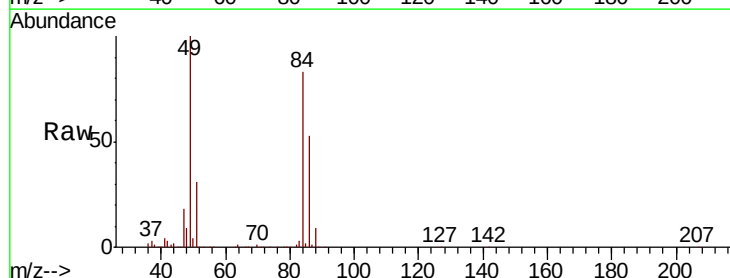
Manual Integrations
APPROVED

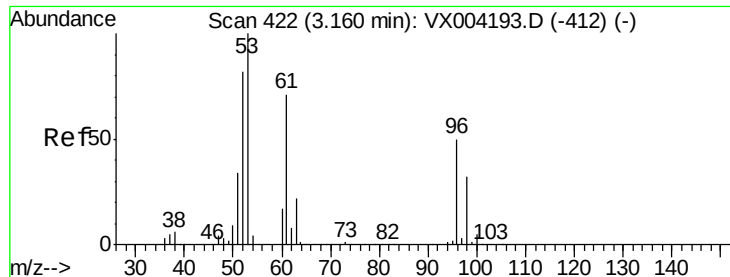
MMDadoda
9/5/2018 4:52:21 PM



#20
Methylene Chloride
Concen: 46.91 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.7	101.2	151.8
51	37.3	29.5	44.3
86	64.3	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 45.79 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 174635

Ion Ratio Lower Upper

96 100

61 138.0 113.8 170.6

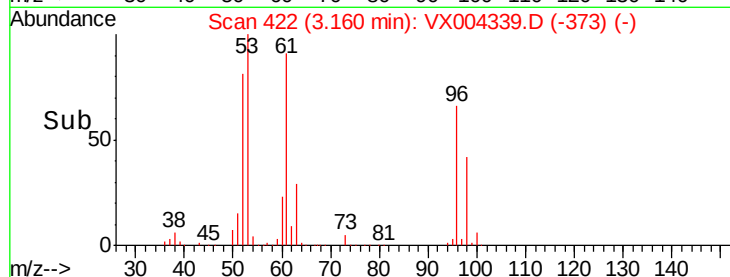
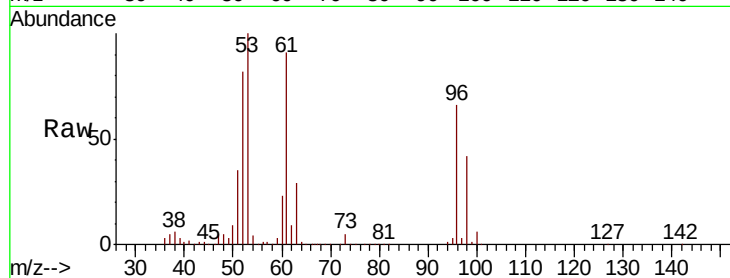
98 63.6 51.8 77.8

Manual Integrations

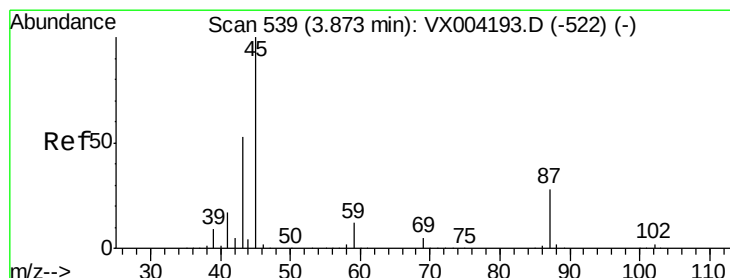
APPROVED

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9/5/2018 4:52:21 PM



Time-->



#22

Diisopropyl ether

Concen: 49.96 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tgt Ion: 45 Resp: 590422

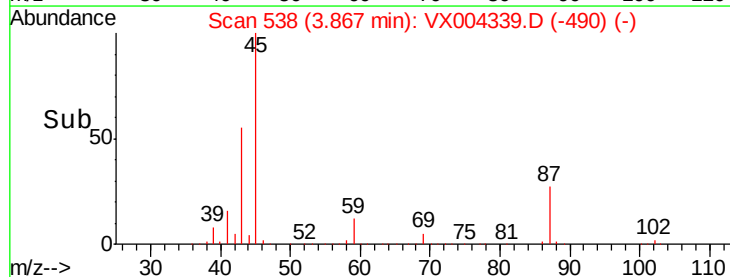
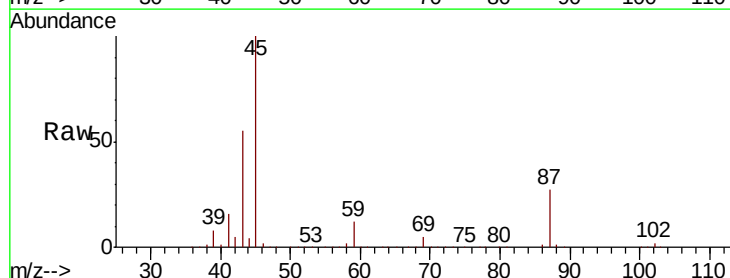
Ion Ratio Lower Upper

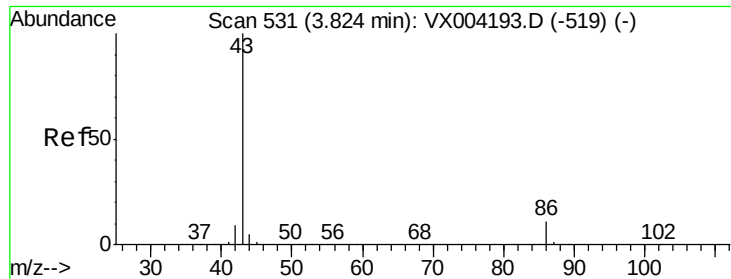
45 100

43 54.5 42.8 64.2

87 27.4 22.6 34.0

59 12.3 9.6 14.4





#23

Vinyl Acetate

Concen: 239.14 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2290777

Ion Ratio Lower Upper

43 100

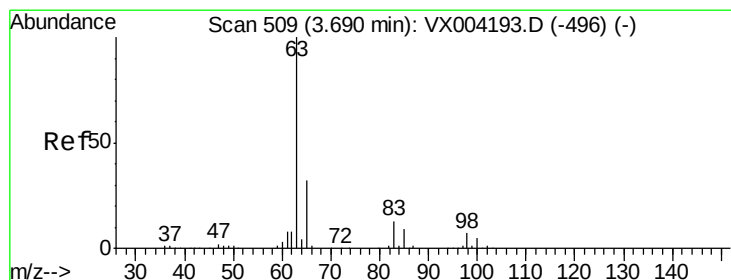
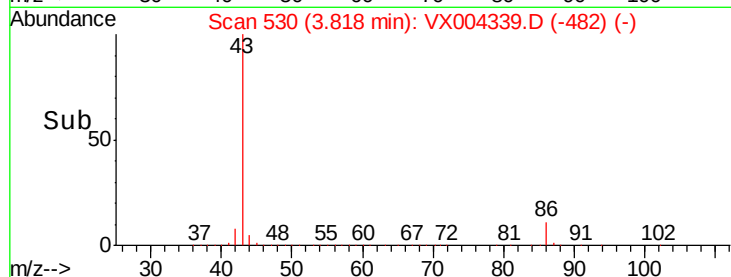
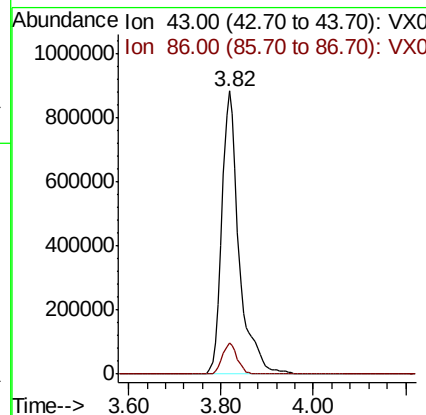
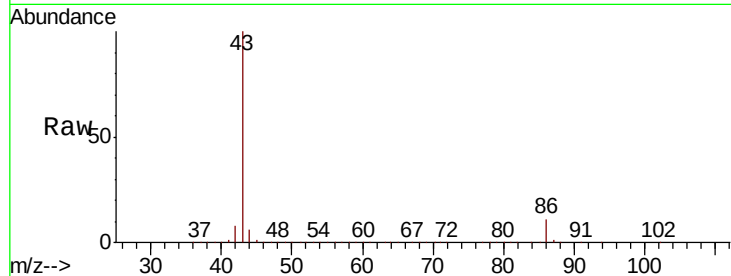
86 10.9 8.9 13.3

Manual Integrations

APPROVED

MMDadoda

9/5/2018 4:52:21 PM



#24

1,1-Dichloroethane

Concen: 49.28 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

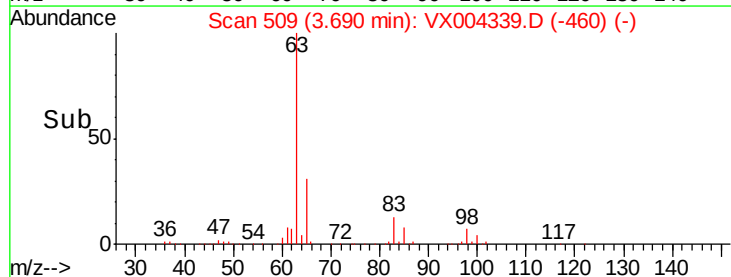
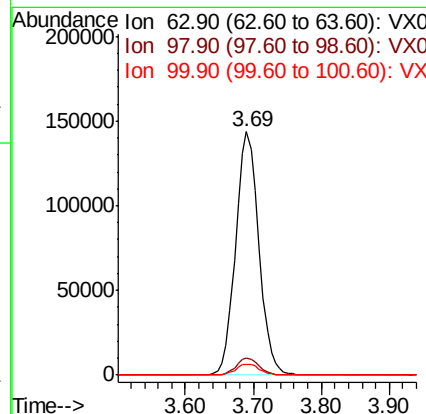
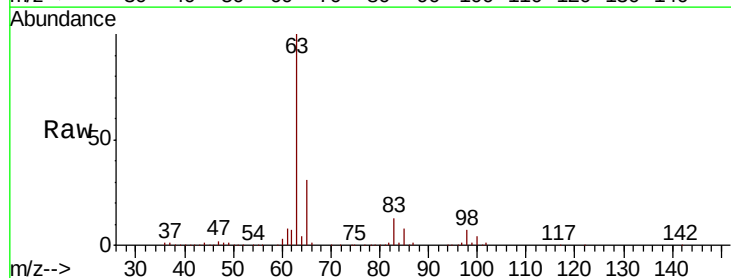
Tgt Ion: 63 Resp: 339408

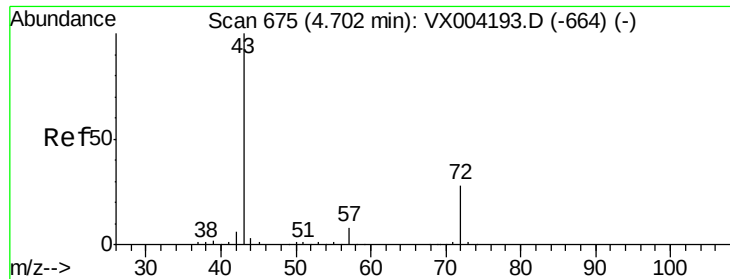
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 243.00 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tot Ion: 43 Resp: 690430

Ion Ratio Lower Upper

43 100

72 26.7 22.0 33.0

Instrument :

MSVOA_X

ClientSampleId :

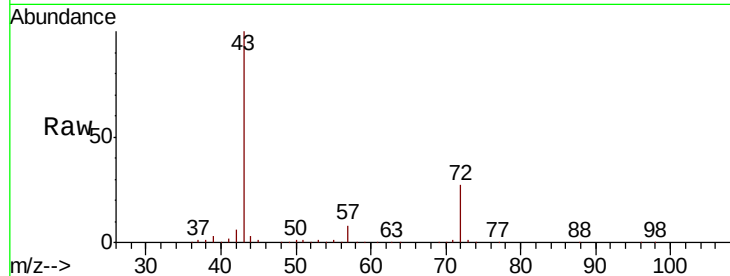
VSTDCCC050

Manual Integrations

APPROVED

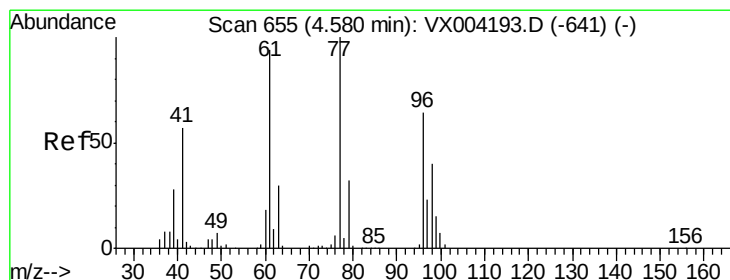
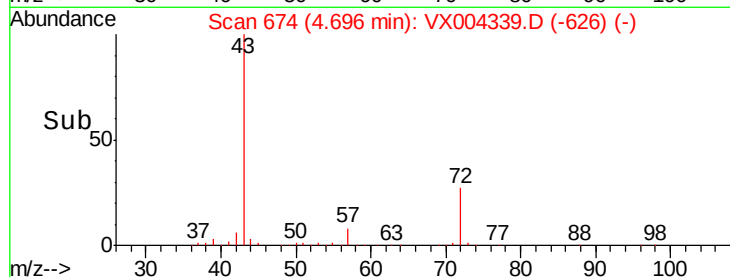
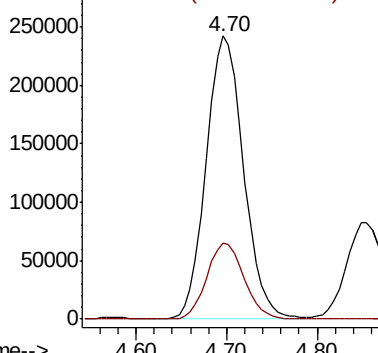
MMDadoda

9/5/2018 4:52:21 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.52 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004339.D

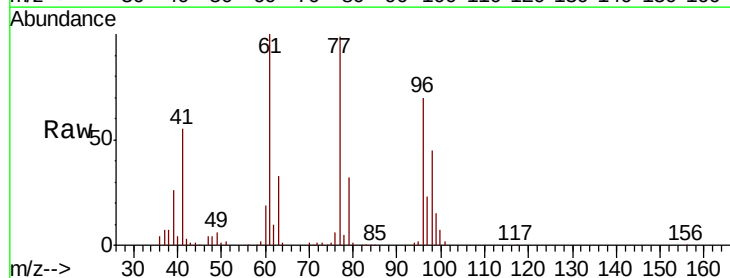
Acq: 04 Sep 2018 11:24

Tgt Ion: 77 Resp: 272904

Ion Ratio Lower Upper

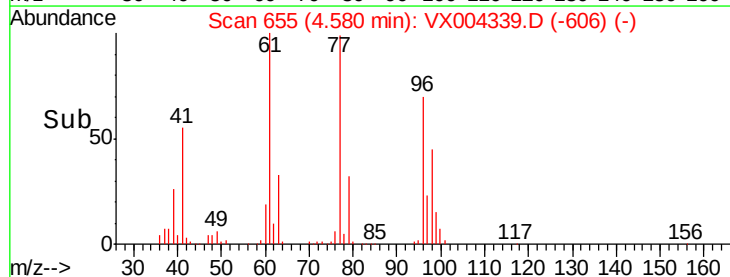
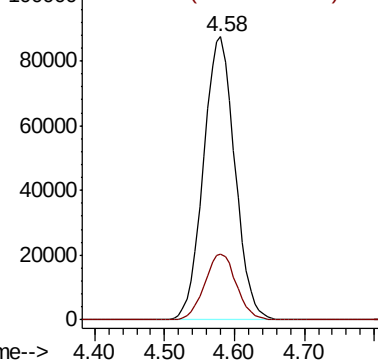
77 100

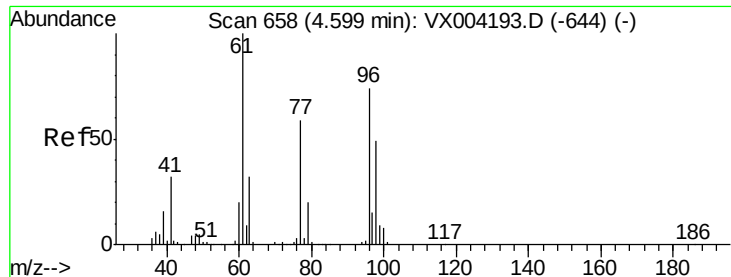
97 23.4 11.7 35.0



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: 47.88 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

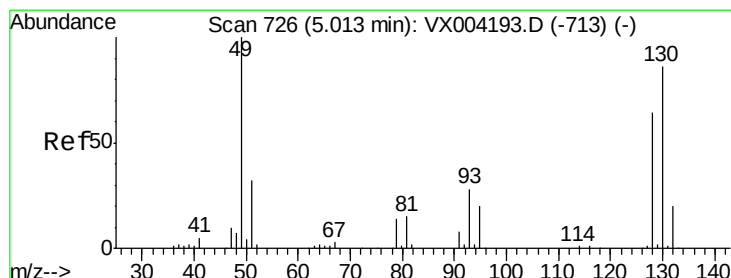
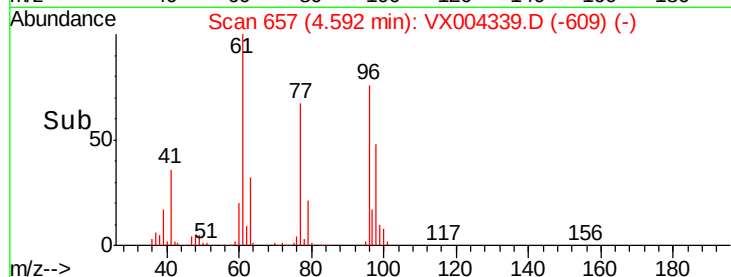
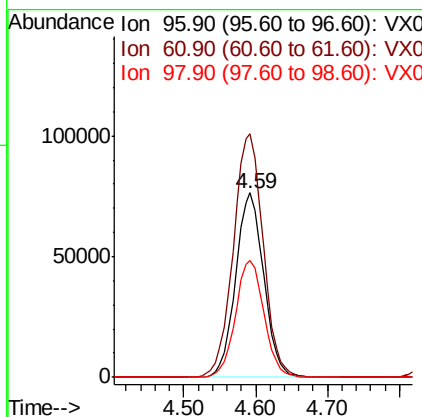
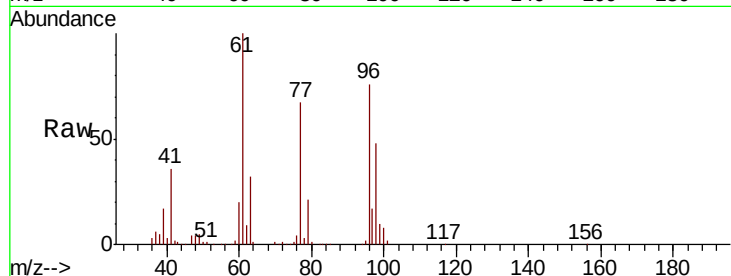
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	207116
Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	282.6
98	64.2	0.0	130.2

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#28

Bromochloromethane

Concen: 50.20 ug/l

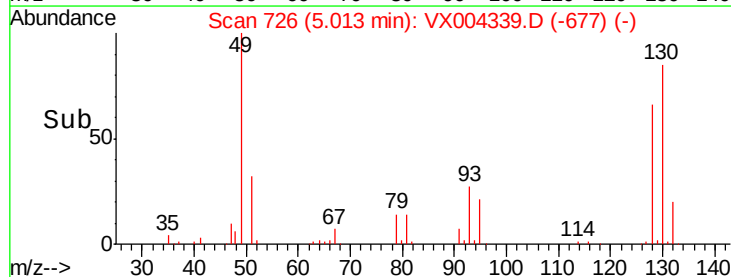
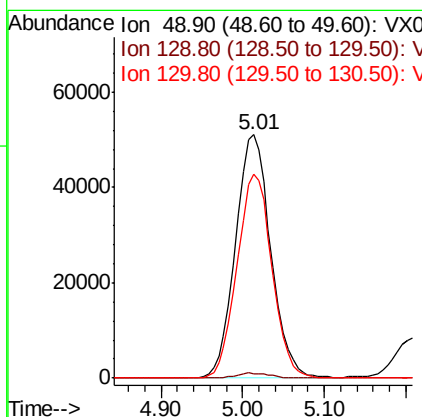
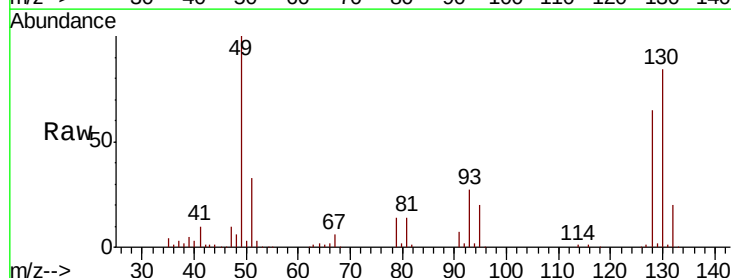
RT: 5.01 min Scan# 726

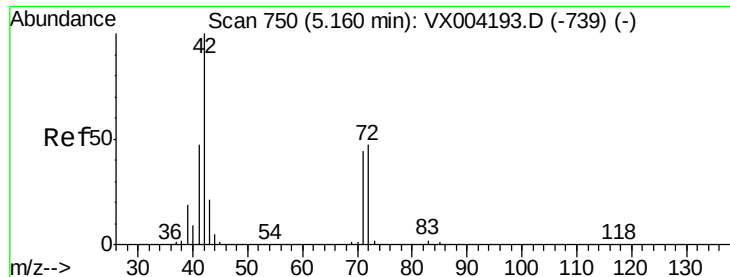
Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tgt Ion:	49	Resp:	153084
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	83.3	67.5	101.3





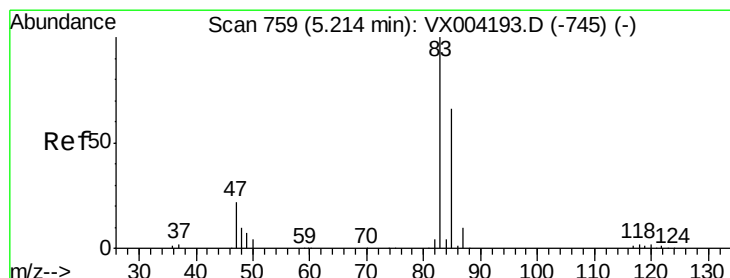
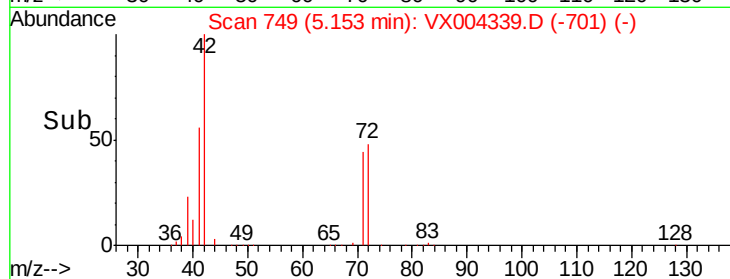
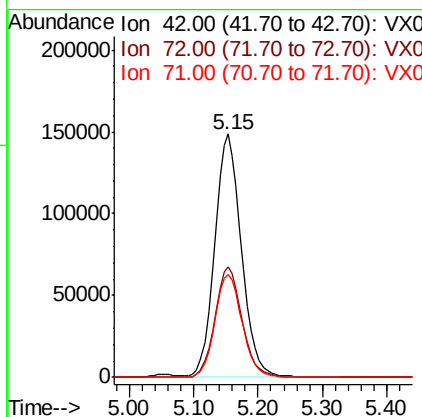
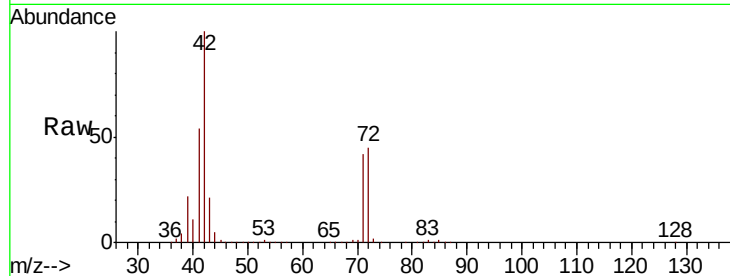
#29
Tetrahydrofuran
Concen: 236.99 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	431605
Ion Ratio		Lower	Upper
42	100		
72	46.3	37.4	56.0
71	43.3	34.5	51.7

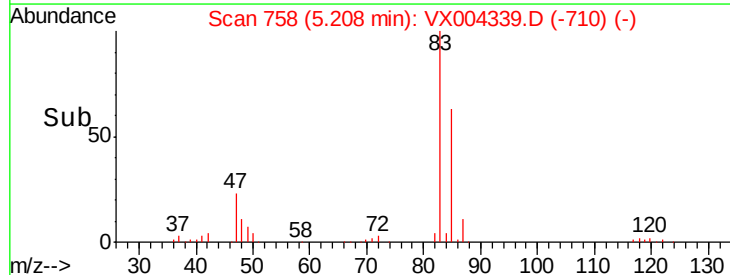
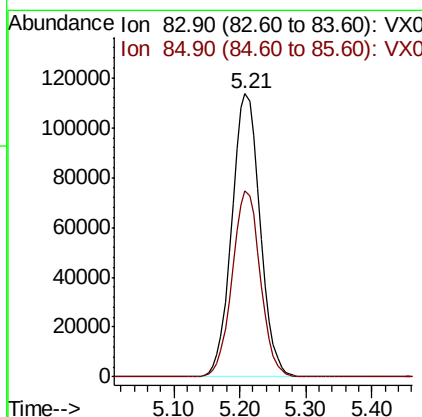
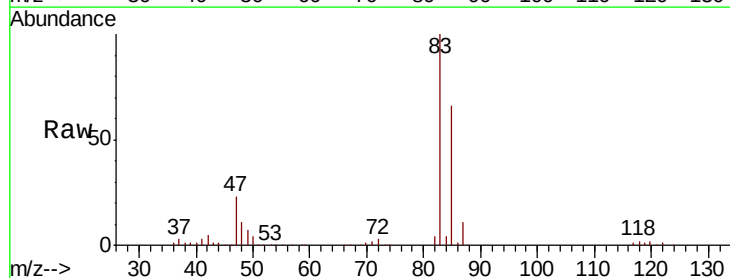
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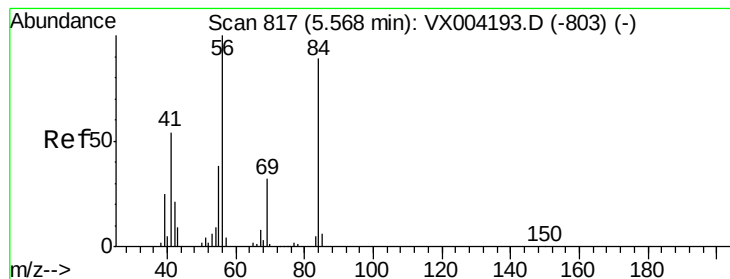
MMDadoda
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#30
Chloroform
Concen: 48.83 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion:	83	Resp:	337244
Ion Ratio		Lower	Upper
83	100		
85	65.6	52.6	79.0





#31

Cyclohexane

Concen: 48.19 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

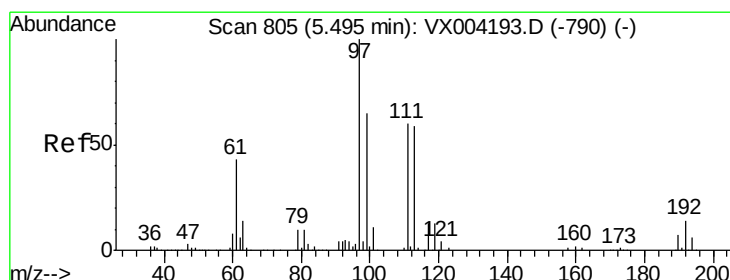
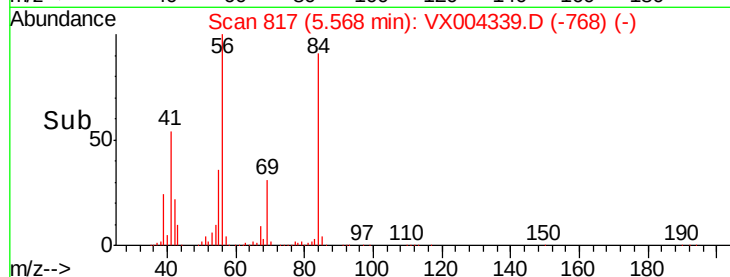
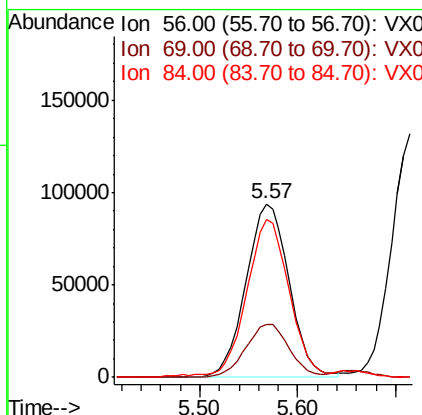
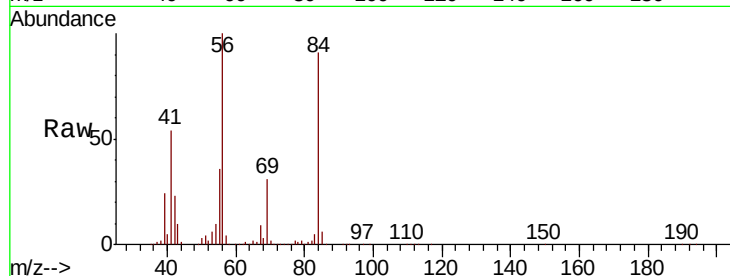
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	286414
Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.4	38.2
84	89.8	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.88 ug/l

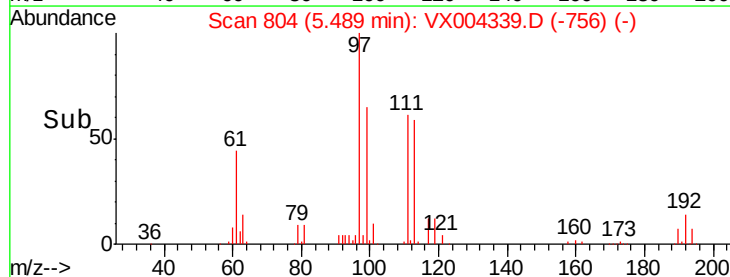
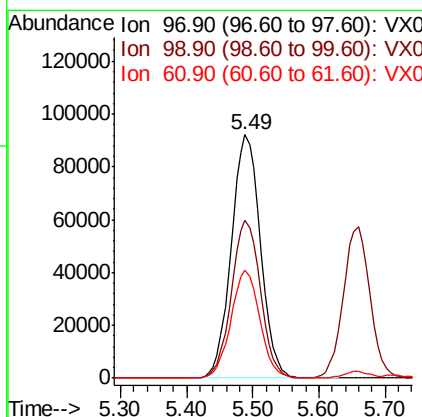
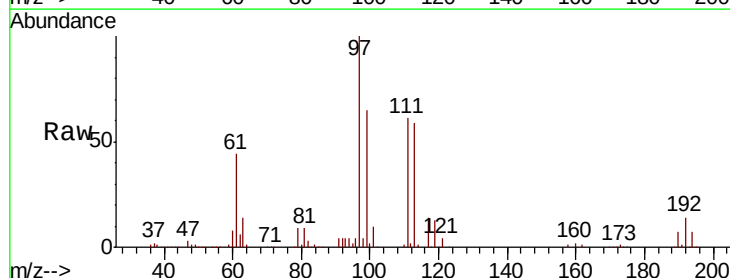
RT: 5.49 min Scan# 804

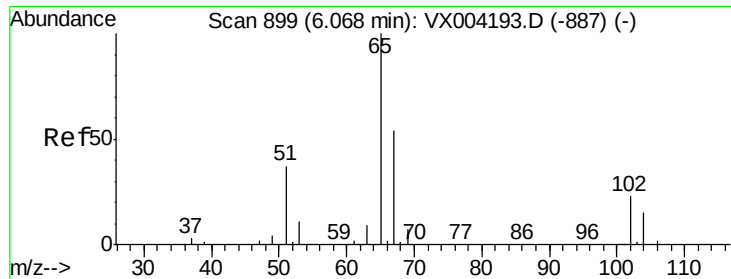
Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tgt Ion:	97	Resp:	281464
Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	44.0	34.9	52.3





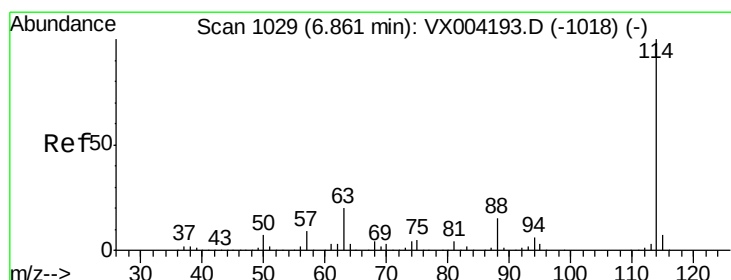
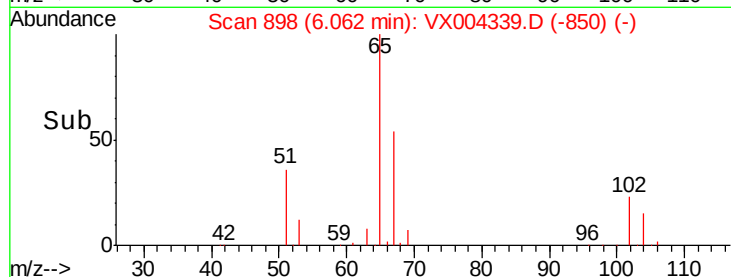
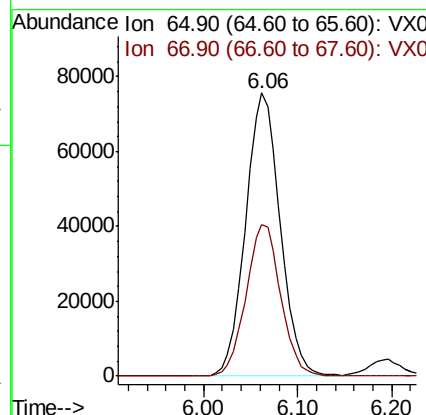
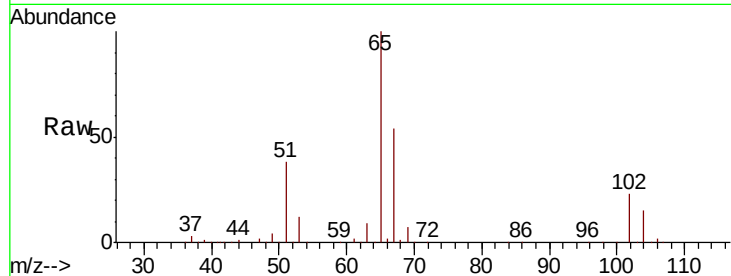
#33
 1,2-Dichloroethane-d4
 Concen: 45.86 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	194397		
67	53.9	0.0	106.8	

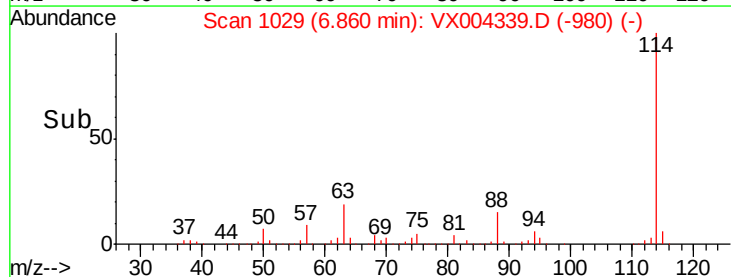
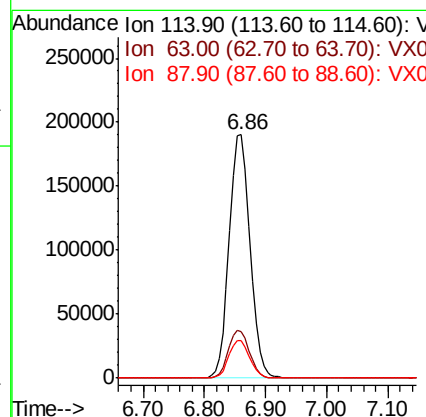
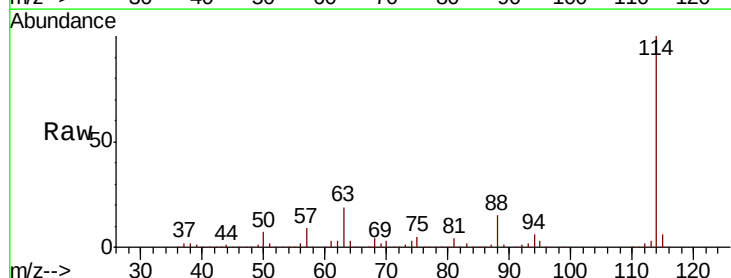
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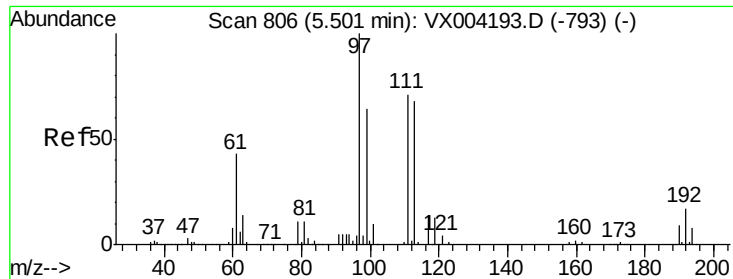
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	448760		
63	19.3	0.0	39.0	
88	15.3	0.0	30.4	





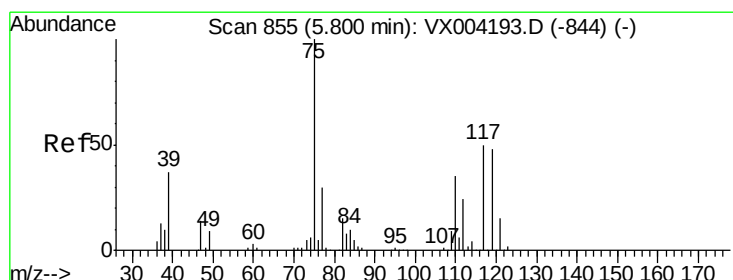
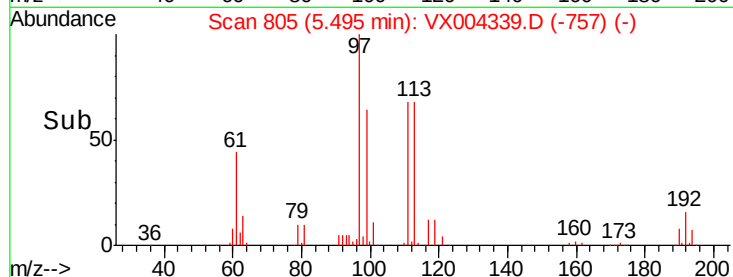
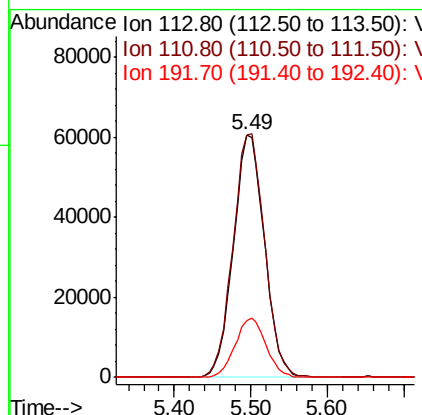
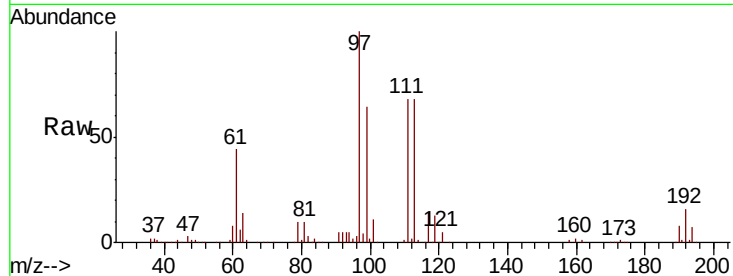
#35
 Dibromofluoromethane
 Concen: 51.09 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	170548		
111	102.2	82.4	123.6	
192	24.3	19.4	29.2	

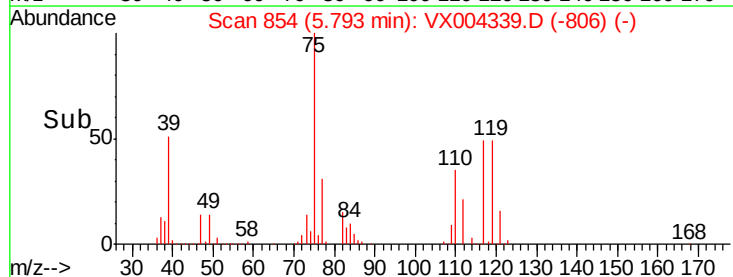
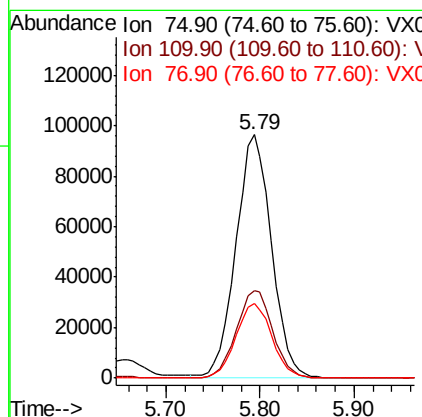
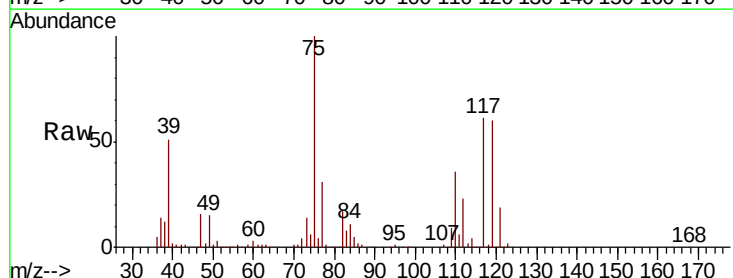
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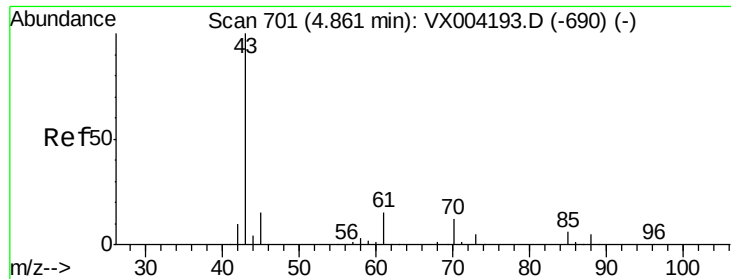
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 50.23 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	253419		
110	36.9	18.0	54.0	
77	31.2	24.6	36.8	





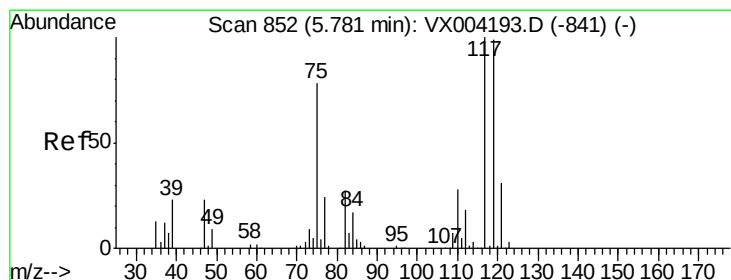
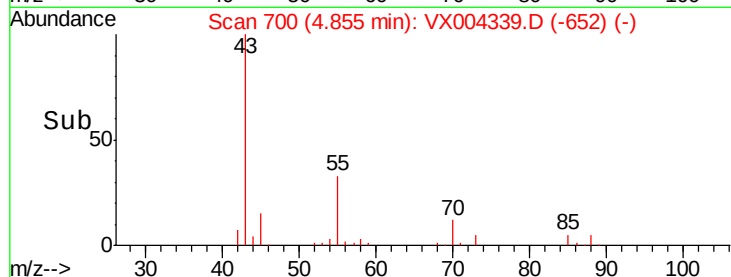
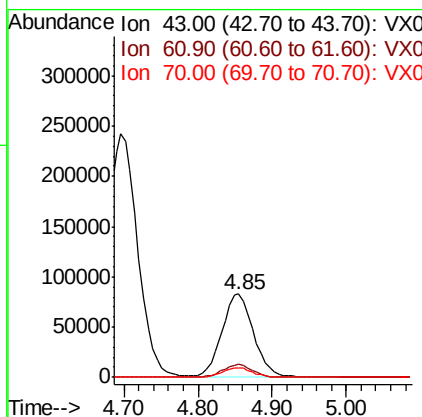
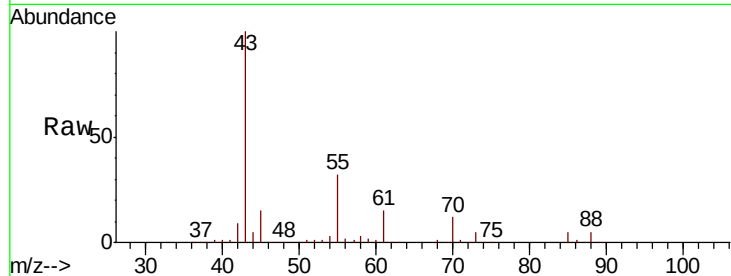
#37
Ethyl Acetate
Concen: 49.46 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.5	17.3
70	11.3	9.0	13.6

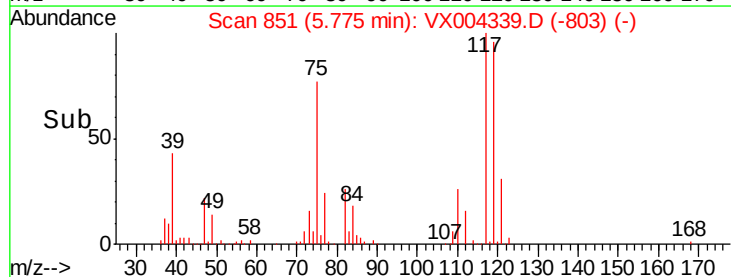
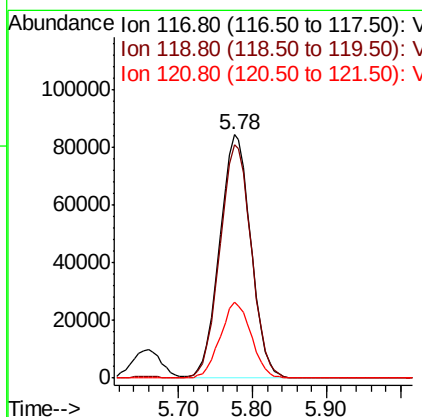
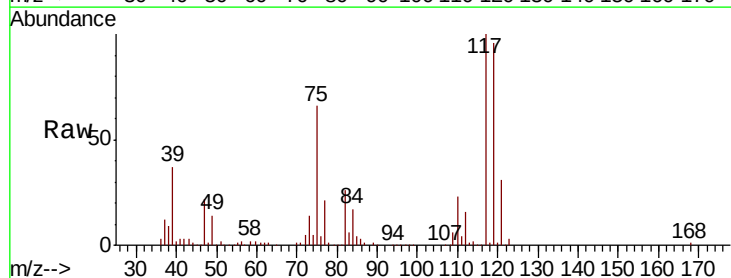
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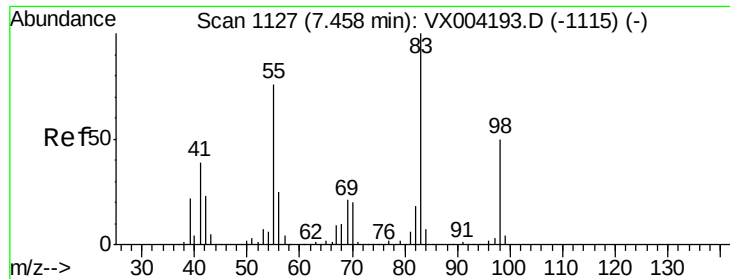
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#38
Carbon Tetrachloride
Concen: 51.90 ug/l
RT: 5.78 min Scan# 851
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.8	118.2
121	31.3	24.9	37.3





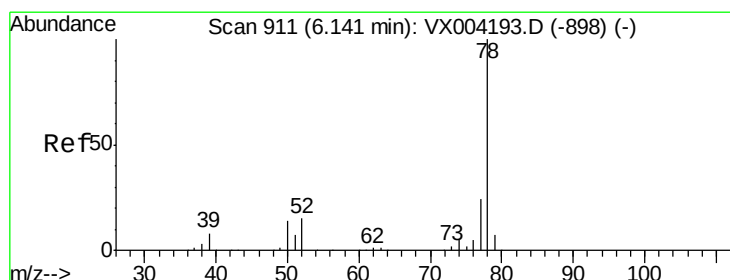
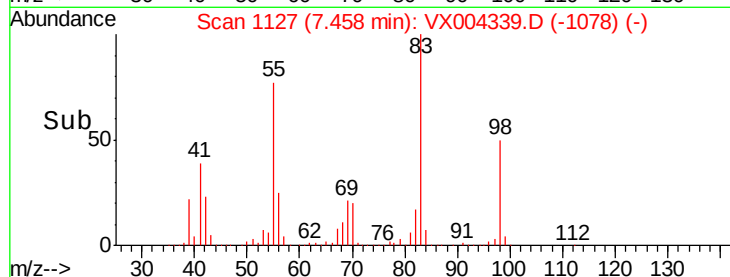
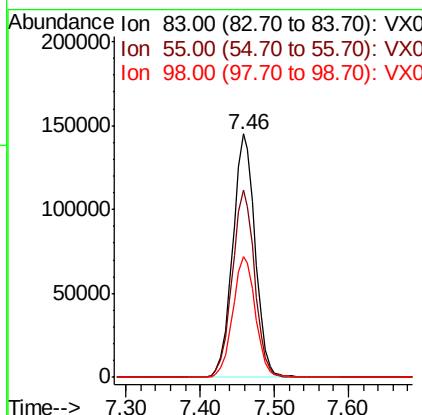
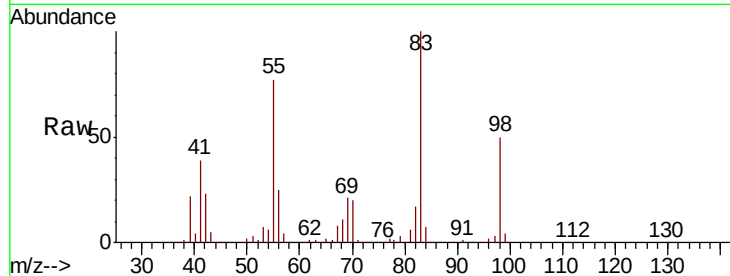
#39
Methylvlcyclohexane
Concen: 53.23 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.0	61.0	91.4	
98	49.7	39.6	59.4	

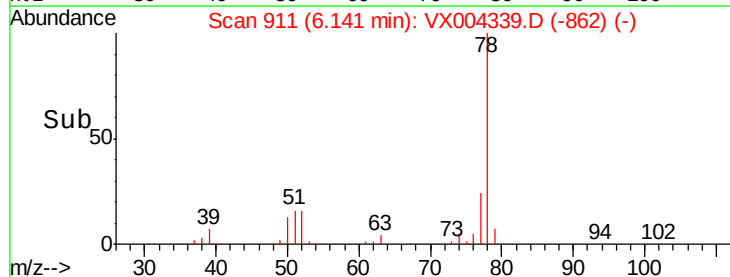
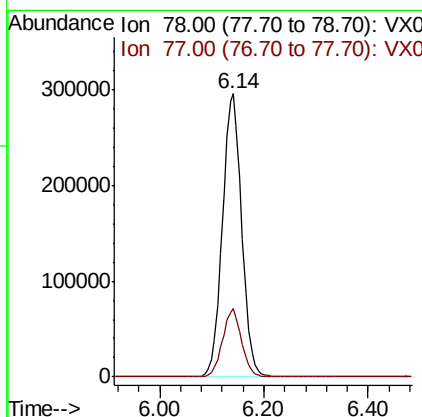
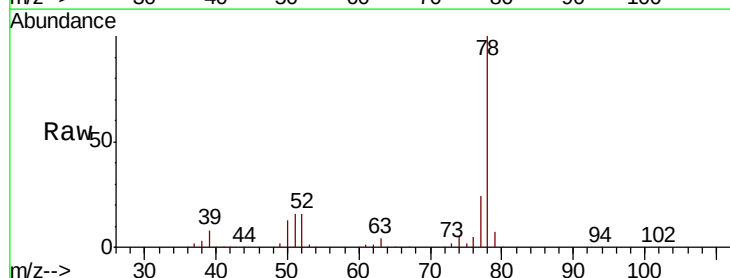
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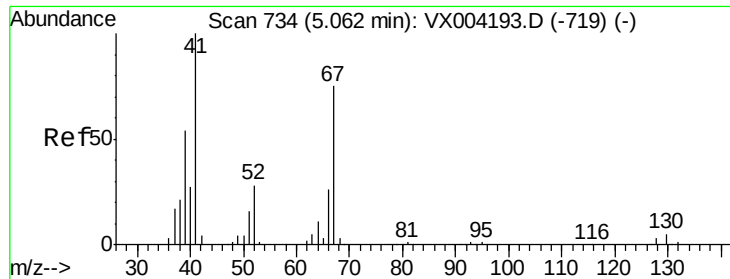
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#40
Benzene
Concen: 51.15 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	19.0	28.4	





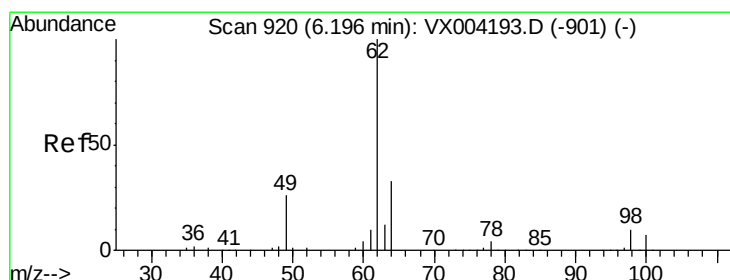
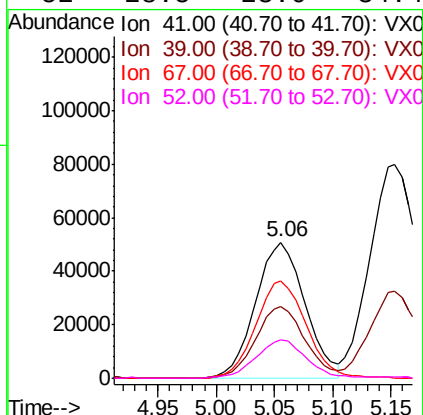
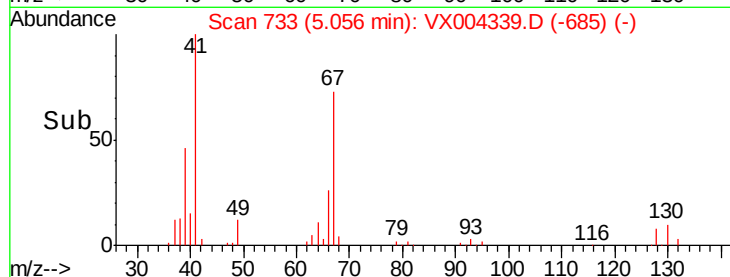
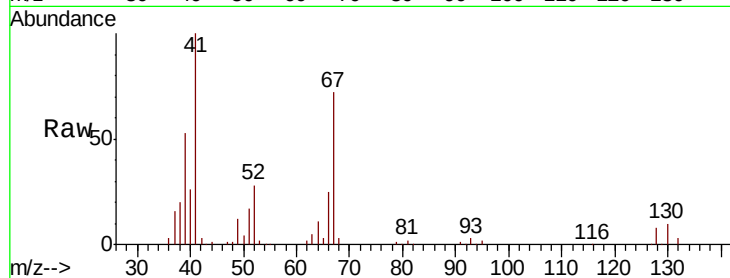
#41
Methacrylonitrile
Concen: 51.96 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	42.4	63.6	
67	73.1	59.2	88.8	
52	28.5	23.0	34.4	

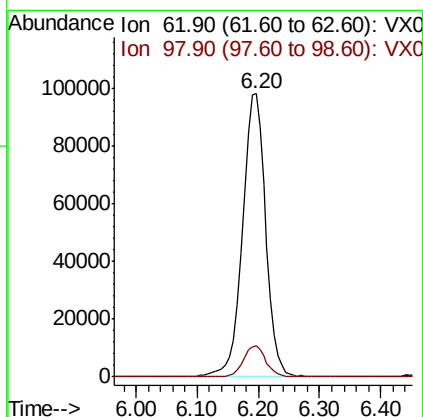
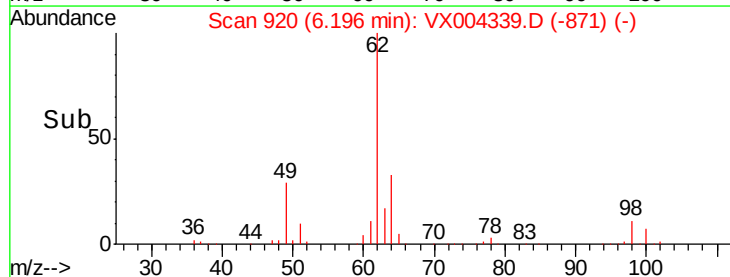
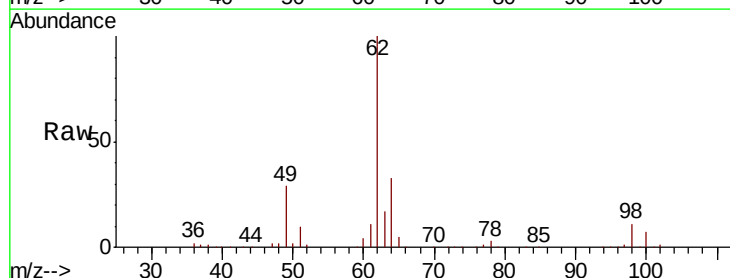
Manual Integrations
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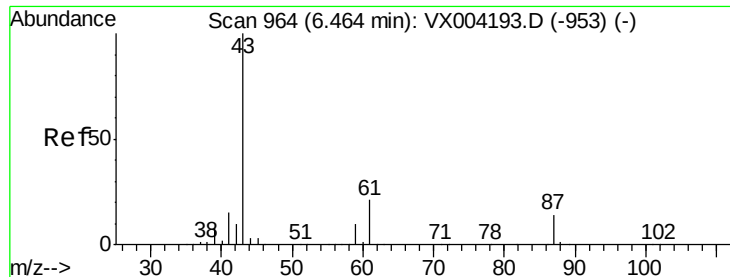
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#42
1,2-Dichloroethane
Concen: 49.77 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.6	





#43

Isopropyl Acetate

Concen: 51.44 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

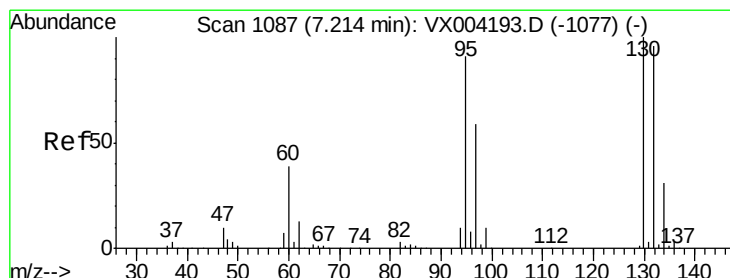
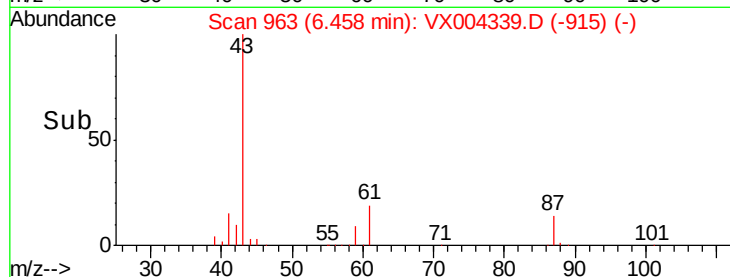
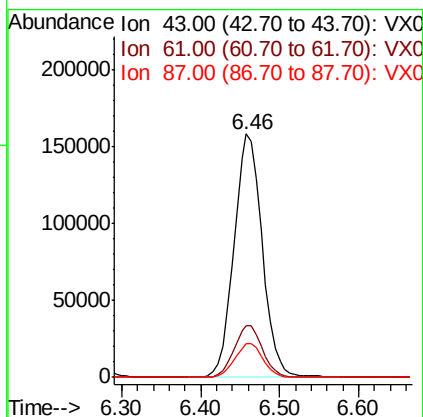
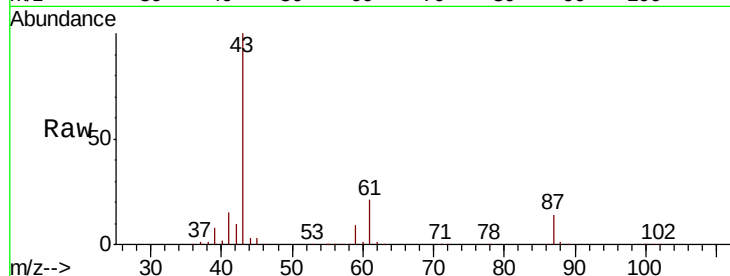
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	392184
Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.0	25.4
87	14.0	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 50.21 ug/l

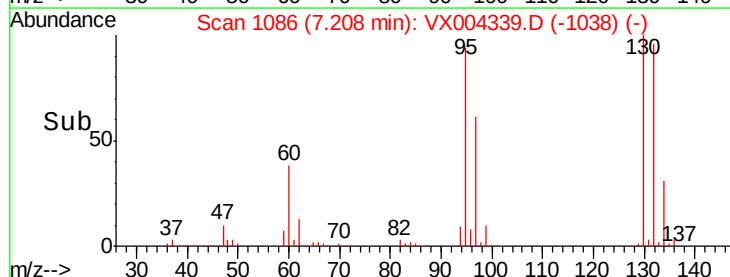
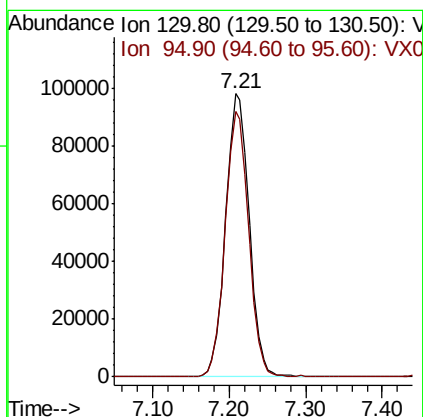
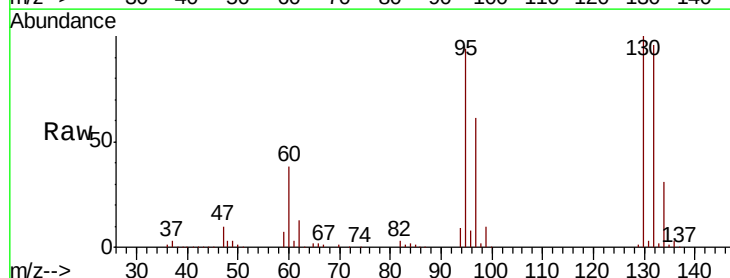
RT: 7.21 min Scan# 1086

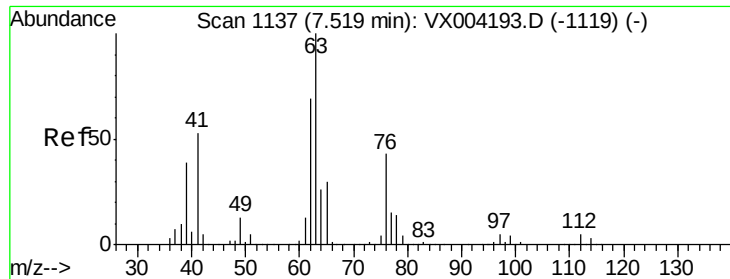
Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tgt Ion:	130	Resp:	209534
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	181.6





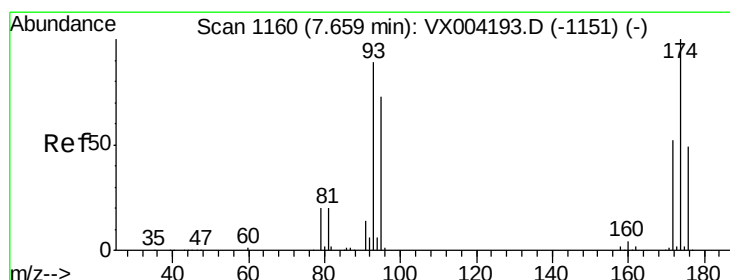
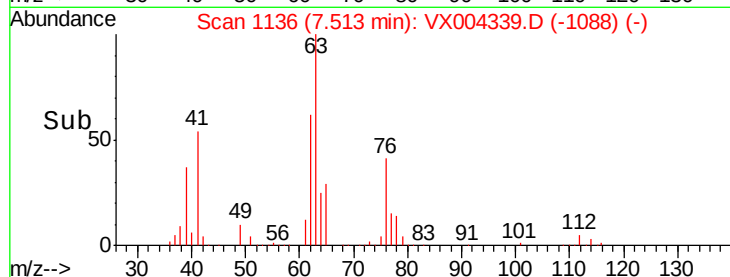
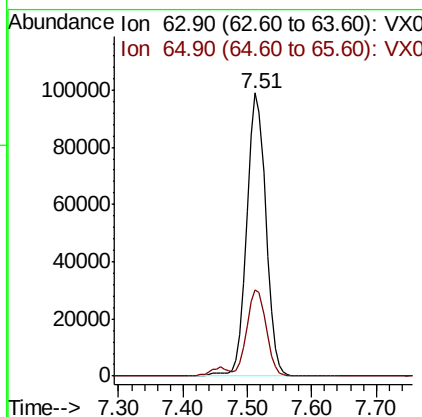
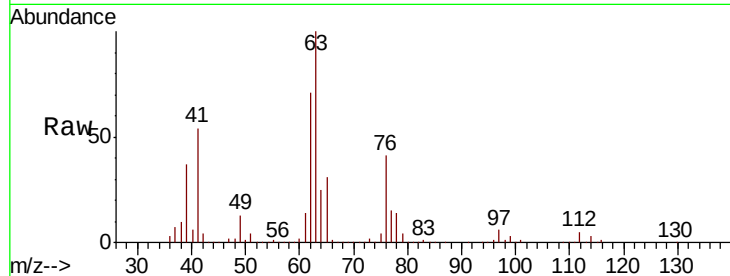
#45
 1,2-Dichloropropane
 Concen: 53.16 ug/l
 RT: 7.51 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 200572
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.3 36.5

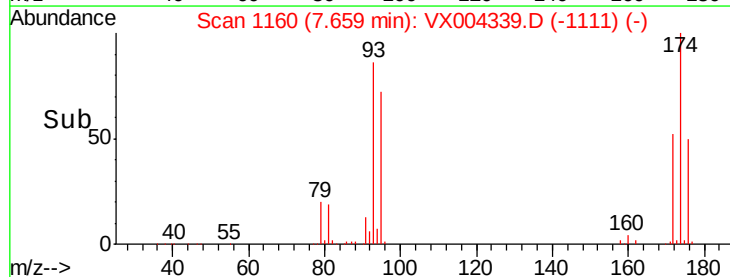
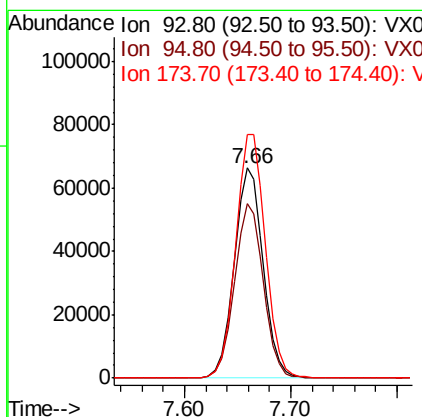
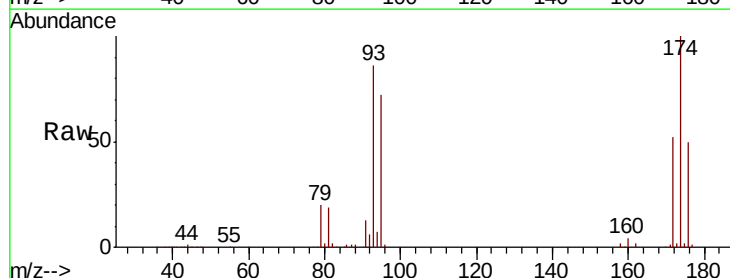
Manual Integrations
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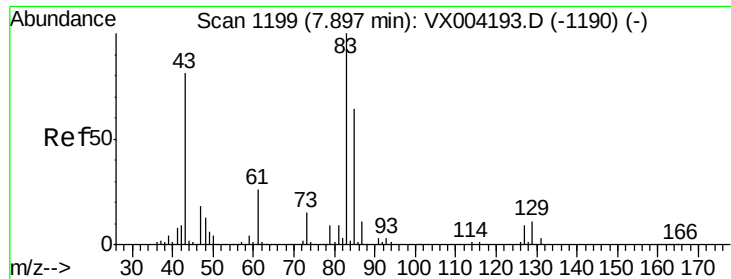
MMDadoda
 9/5/2018 4:52:21 PM



#46
 Dibromomethane
 Concen: 50.25 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion: 93 Resp: 126226
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.5 98.3
 174 119.3 94.2 141.4





#47

Bromodichloromethane

Concen: 53.98 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

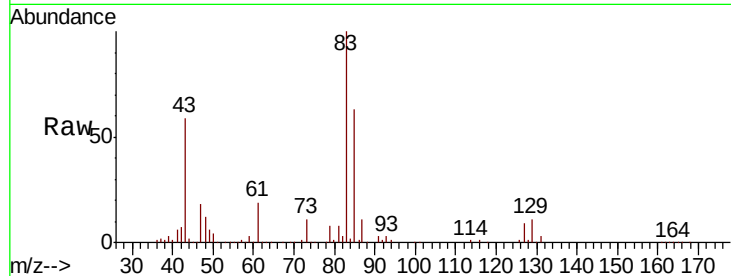
ClientSampleId :

VSTDCCC050

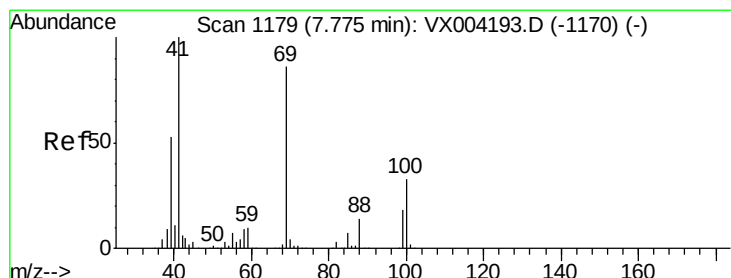
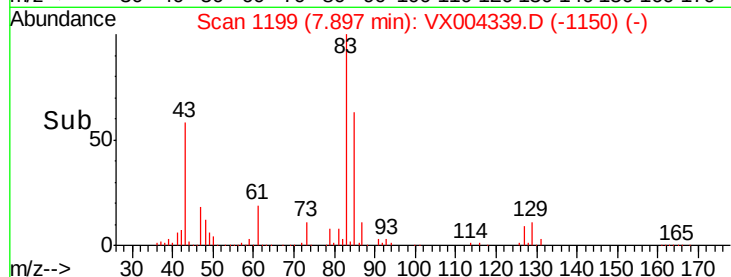
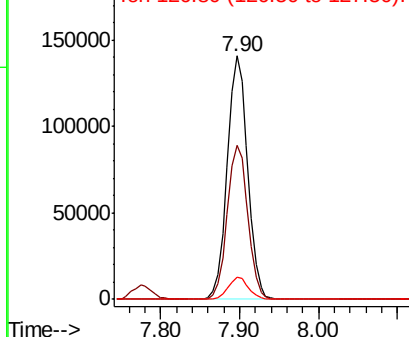
Tot Ion:	83	Resp:	252334
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.9	76.3
127	8.9	7.3	10.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.60 ug/l

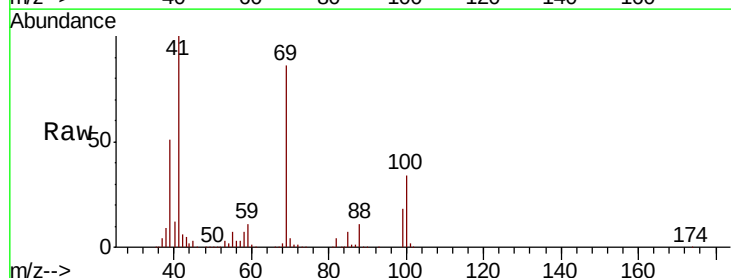
RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

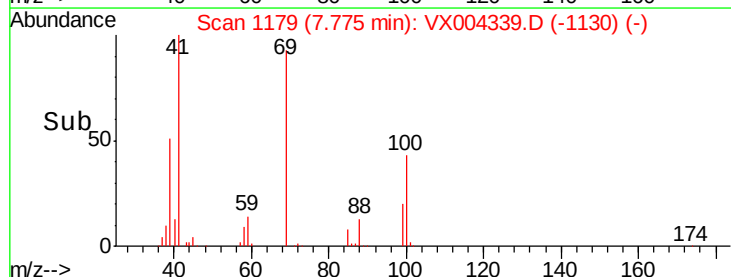
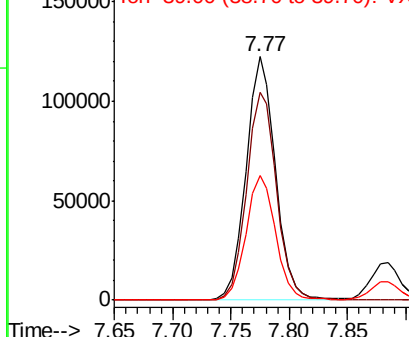
Lab File: VX004339.D

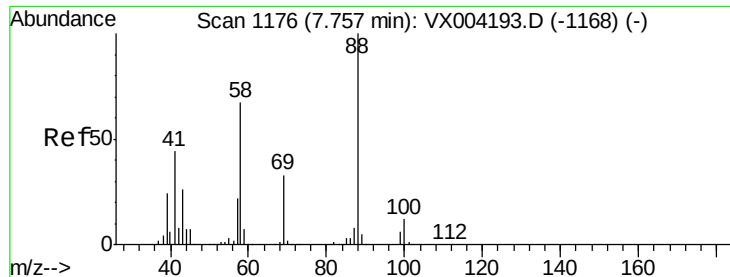
Acq: 04 Sep 2018 11:24

Tgt Ion:	41	Resp:	214589
Ion	Ratio	Lower	Upper
41	100		
69	88.2	70.2	105.4
39	52.1	42.7	64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 951.39 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

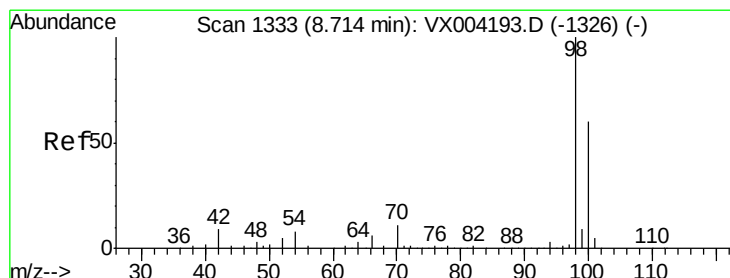
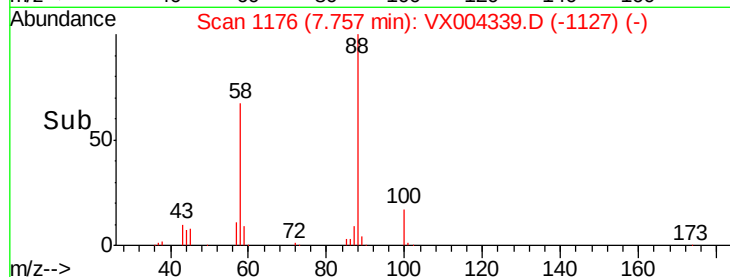
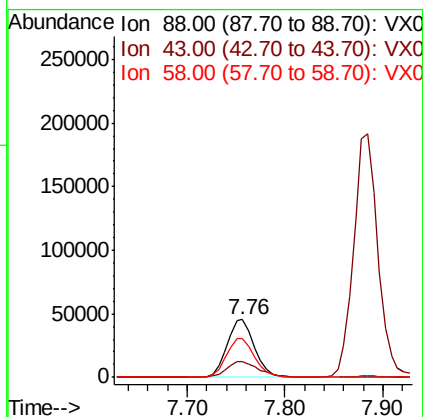
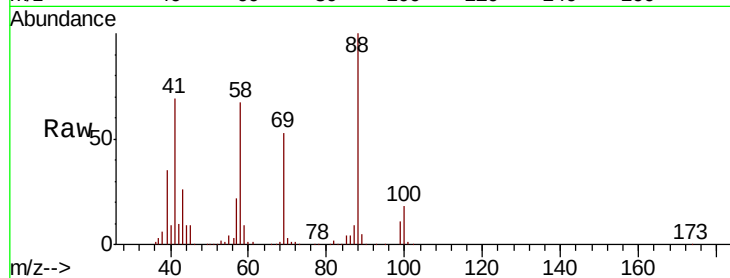
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	88122
Ion	Ratio	Lower	Upper
88	100		
43	31.5	24.7	37.1
58	69.5	55.3	82.9

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#50

Toluene-d8

Concen: 50.59 ug/l

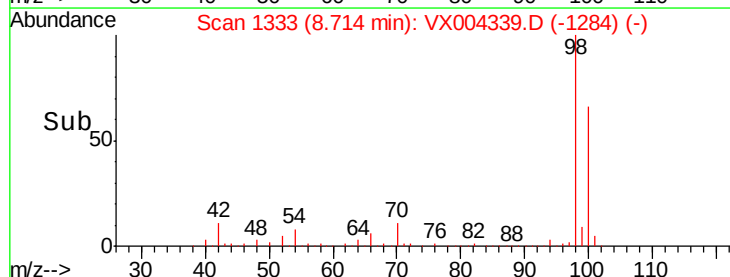
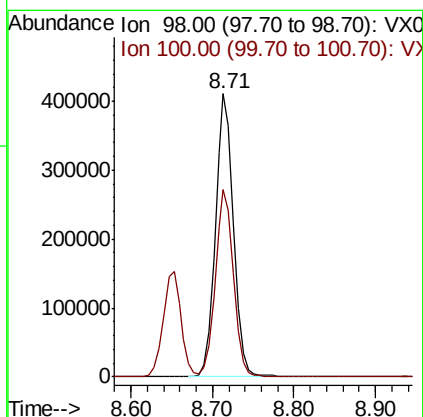
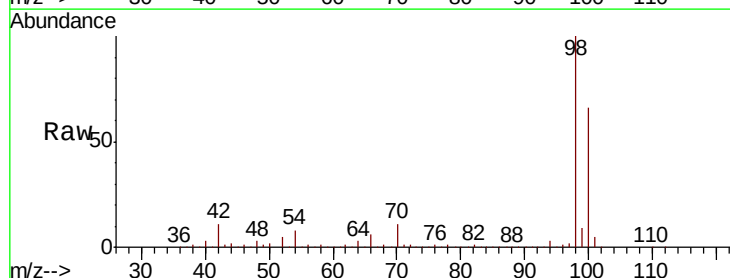
RT: 8.71 min Scan# 1333

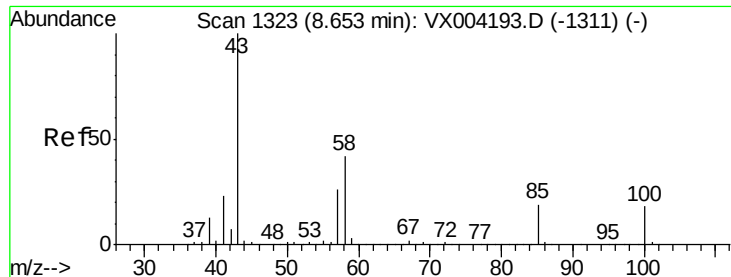
Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tgt Ion:	98	Resp:	637561
Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 245.27 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1358673

Ion Ratio Lower Upper

43 100

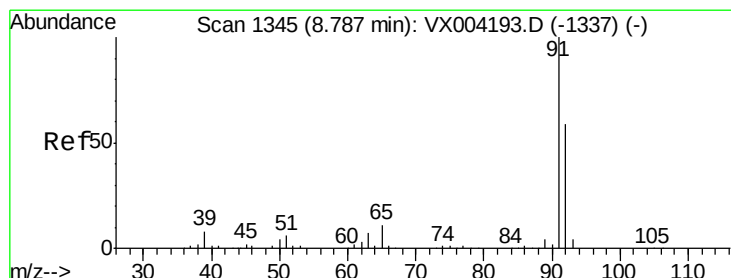
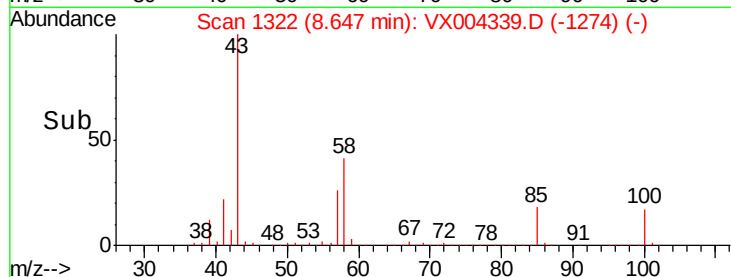
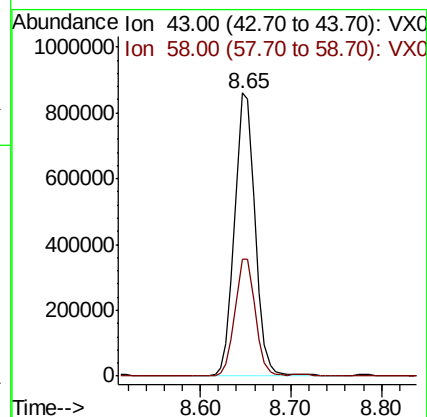
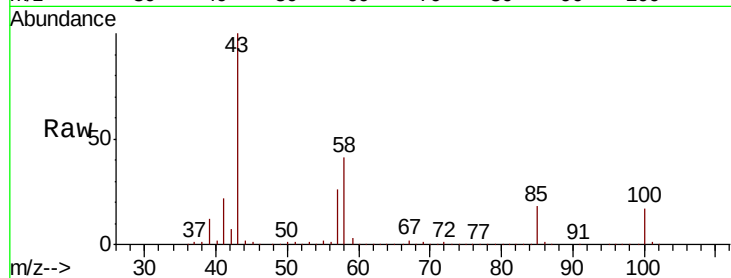
58 41.0 33.1 49.7

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#52

Toluene

Concen: 52.14 ug/l

RT: 8.78 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VX004339.D

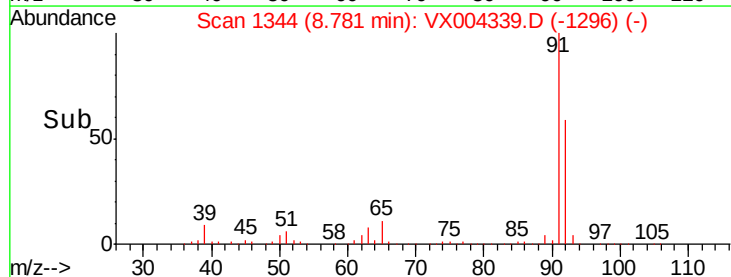
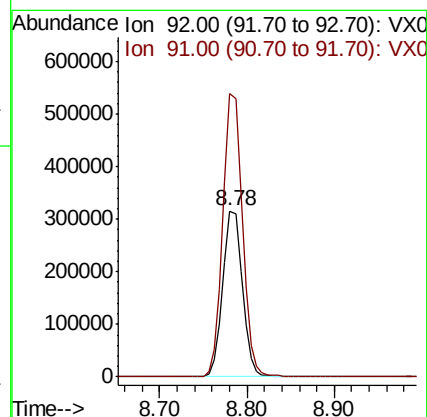
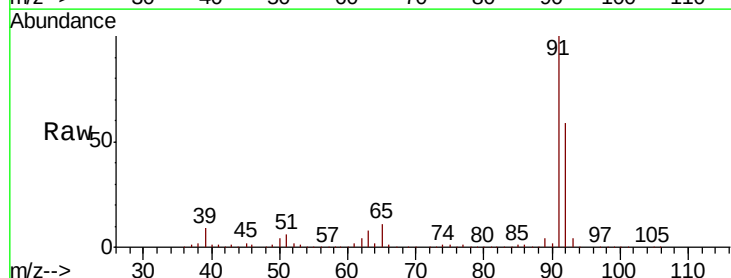
Acq: 04 Sep 2018 11:24

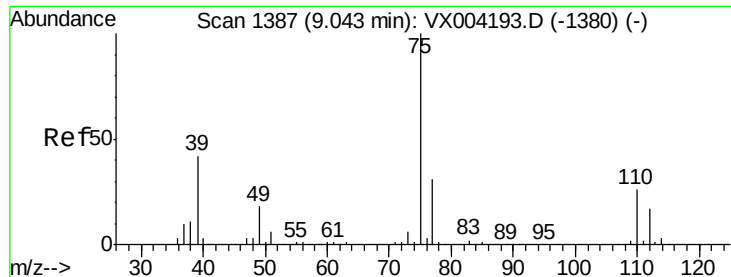
Tgt Ion: 92 Resp: 492019

Ion Ratio Lower Upper

92 100

91 170.7 136.4 204.6





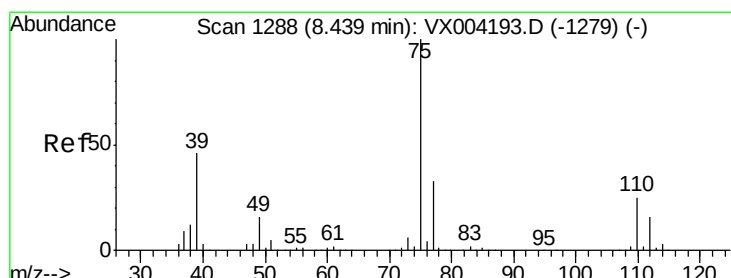
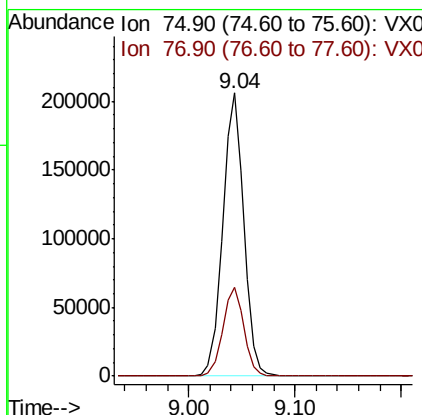
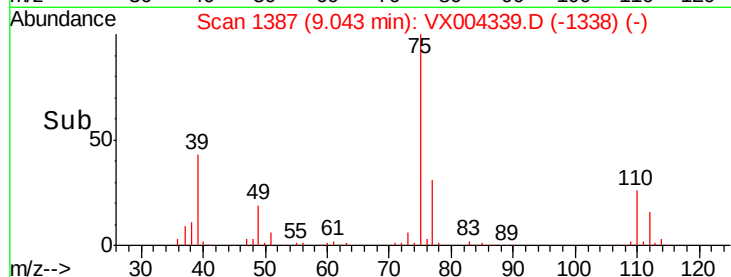
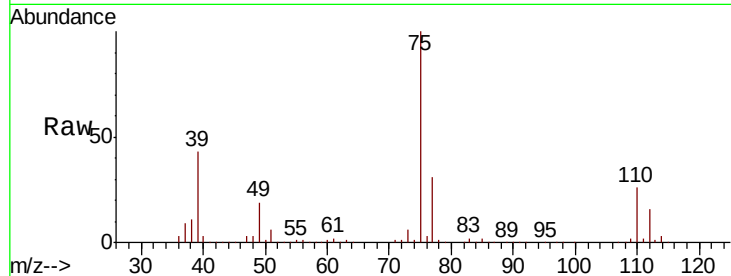
#53
 t-1,3-Dichloropropene
 Concen: 54.92 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 283542
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0

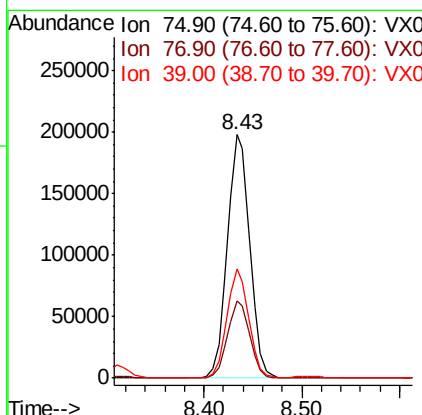
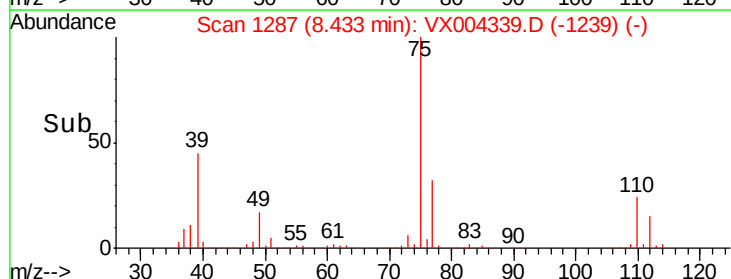
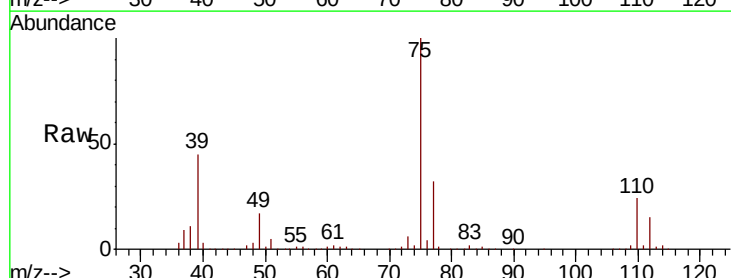
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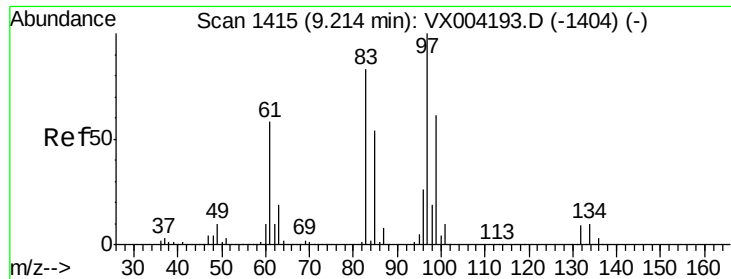
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 55.73 ug/l
 RT: 8.43 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion: 75 Resp: 313442
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.2 39.2
 39 44.6 36.4 54.6





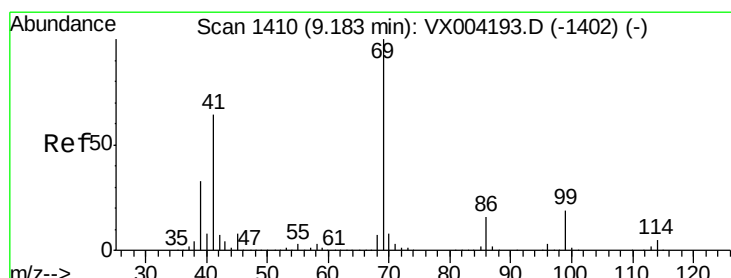
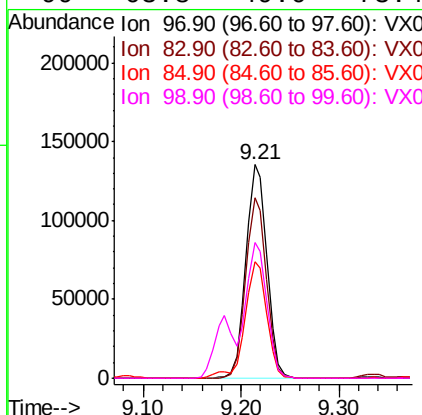
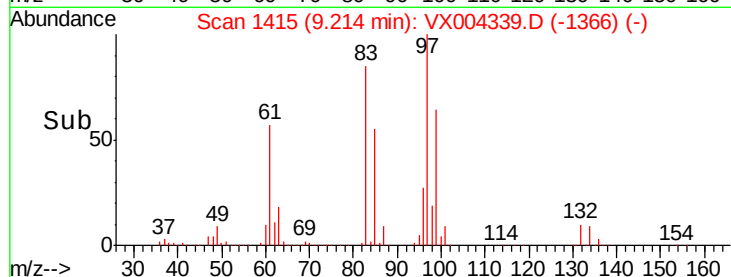
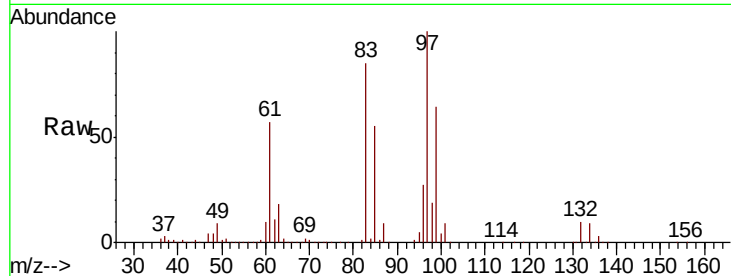
#55
 1,1,2-Trichloroethane
 Concen: 53.03 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		202021		
83	84.7	66.4		99.6	
85	54.6	43.3		64.9	
99	63.8	49.0		73.4	

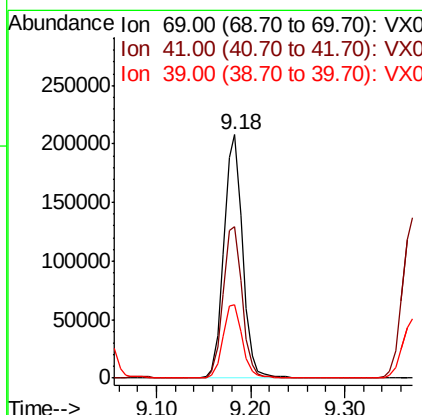
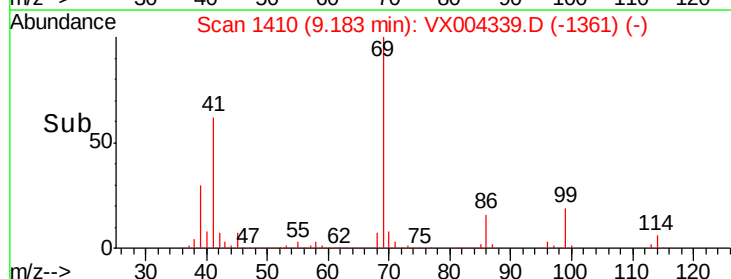
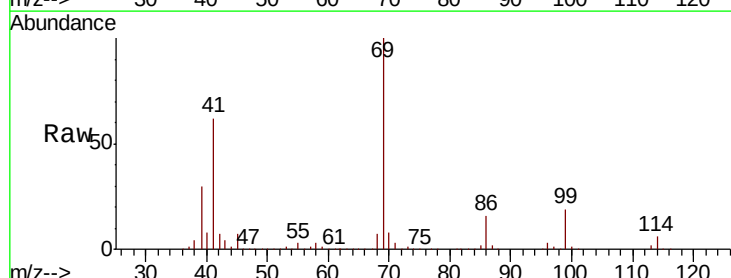
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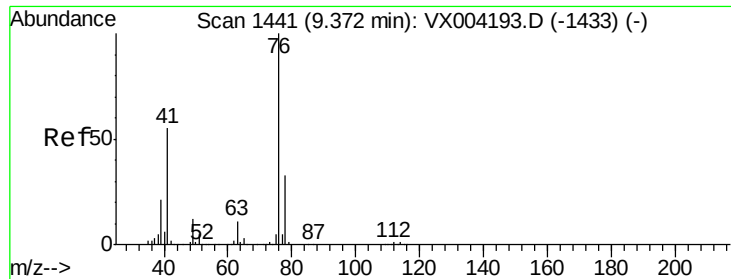
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#56
 Ethyl methacrylate
 Concen: 55.19 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		286218		
41	63.5	51.0		76.4	
39	31.2	26.1		39.1	





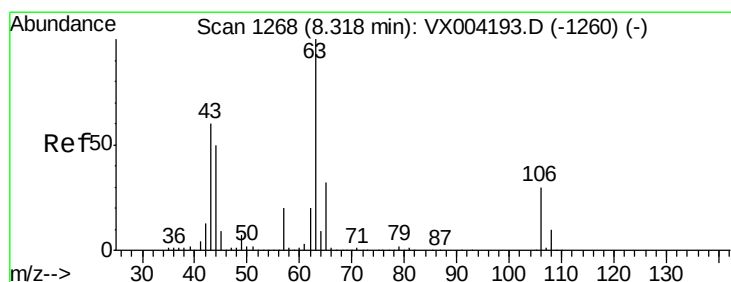
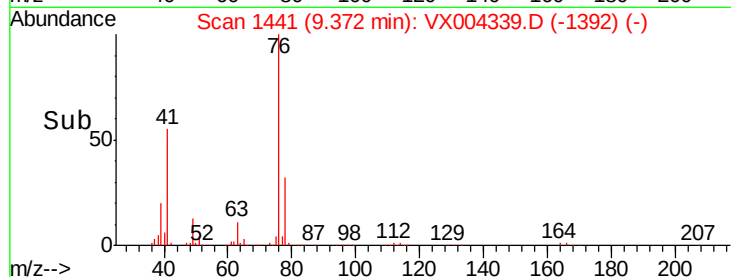
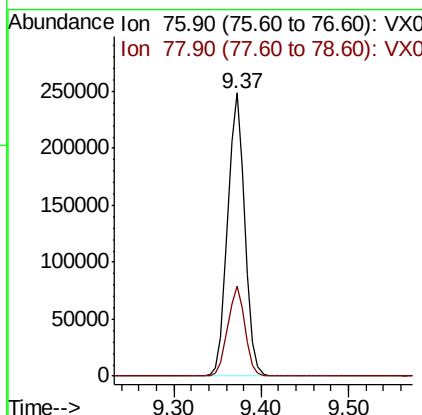
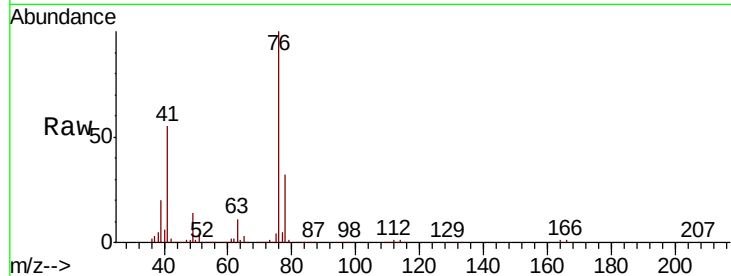
#57
 1,3-Dichloropropane
 Concen: 52.55 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 337395
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3

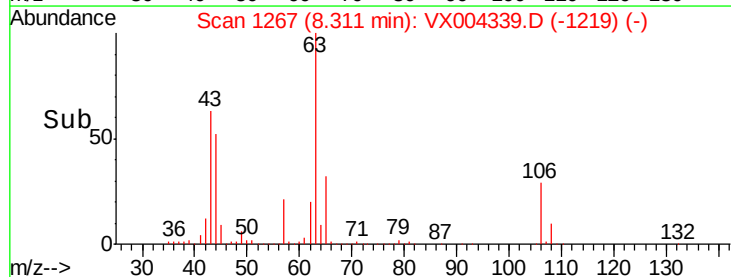
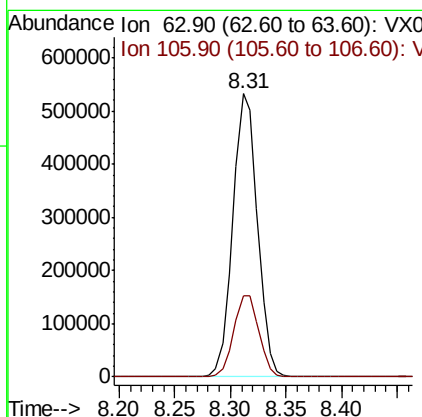
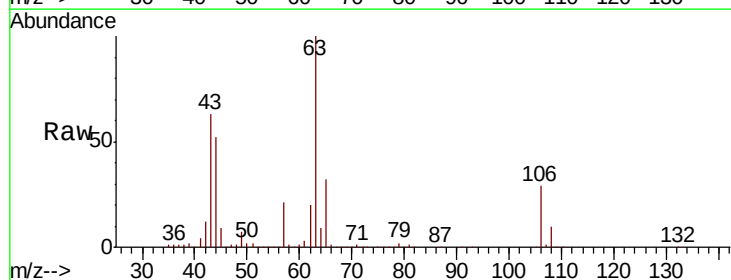
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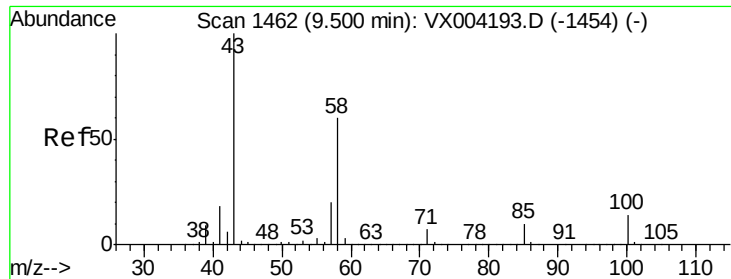
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#58
 2-Chloroethyl Vinyl ether
 Concen: 306.34 ug/l
 RT: 8.31 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion: 63 Resp: 813973
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.9 35.9





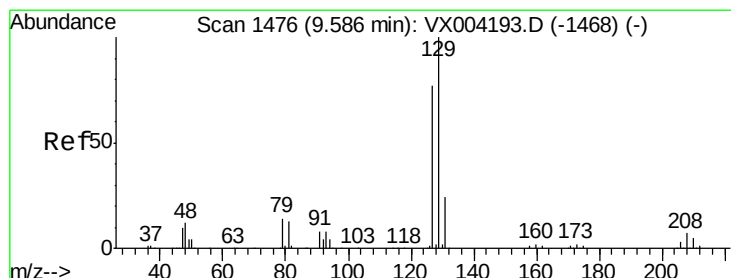
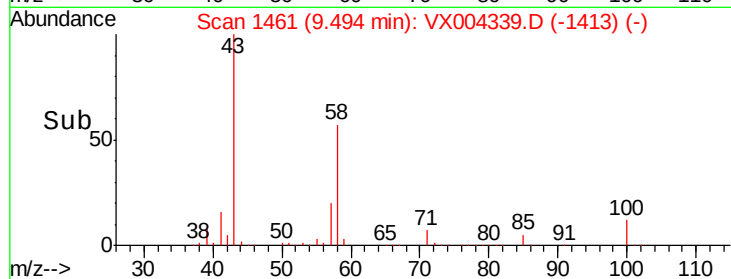
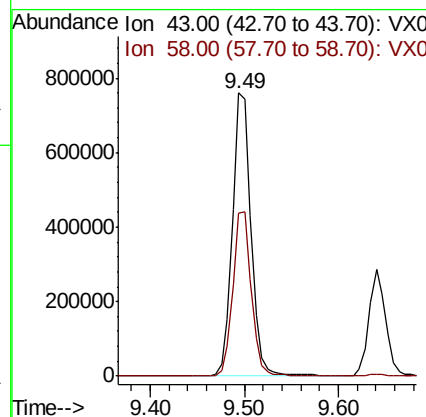
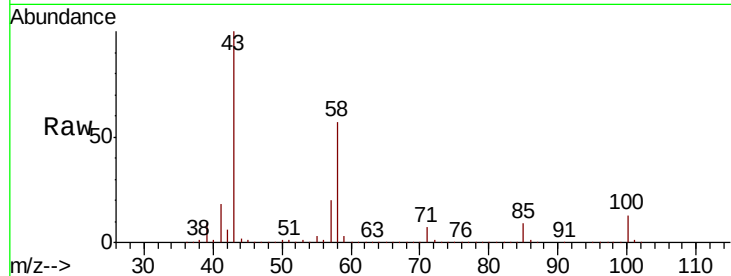
#59
2-Hexanone
Concen: 246.77 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1042911
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.0

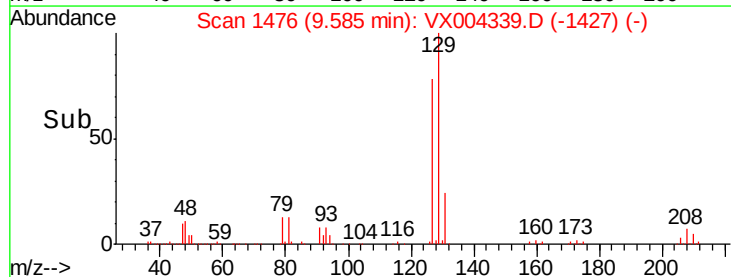
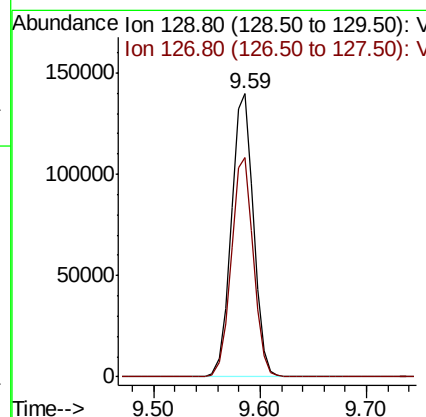
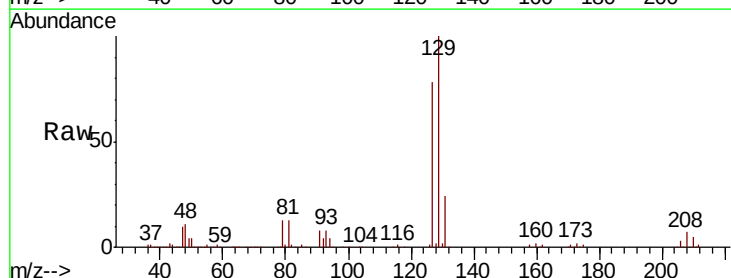
Manual Integrations
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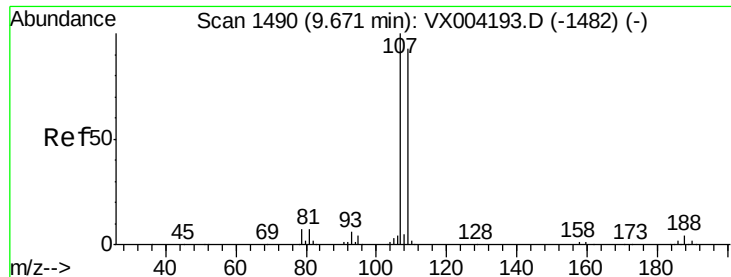
MMDadoda
9/5/2018 4:52:21 PM



#60
Dibromochloromethane
Concen: 54.88 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion: 129 Resp: 203661
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.87 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 204459

Ion Ratio Lower Upper

107 100

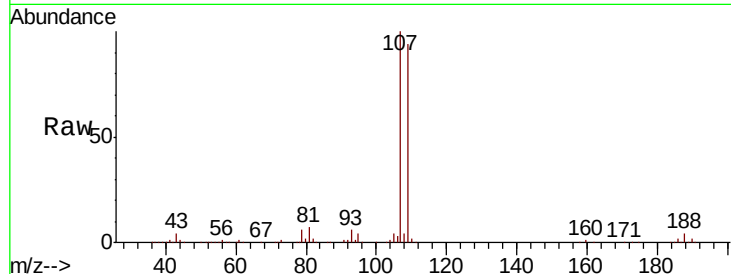
109 94.4 76.0 114.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

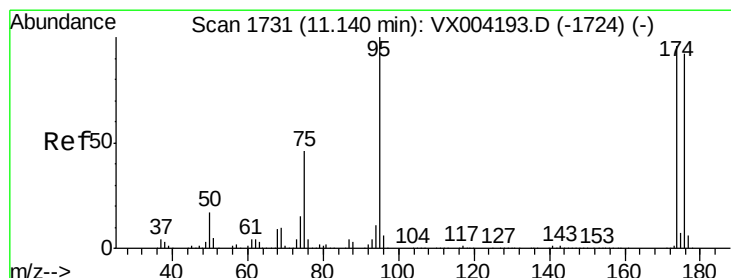
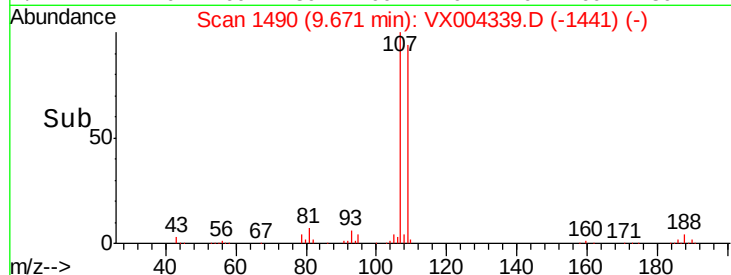
100000

50000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 52.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

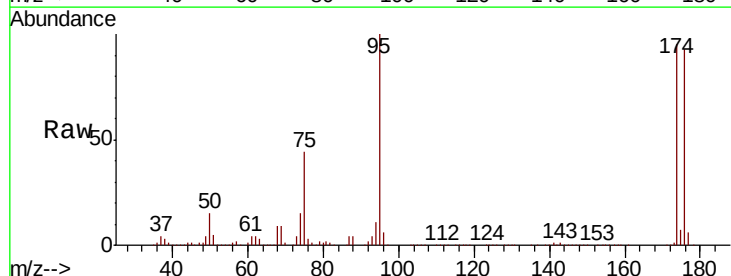
Tgt Ion: 95 Resp: 244785

Ion Ratio Lower Upper

95 100

174 91.4 0.0 185.2

176 88.7 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

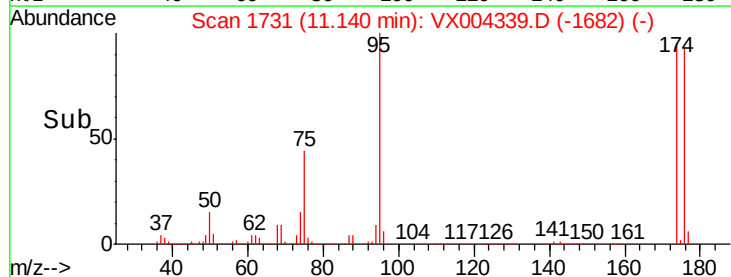
100000

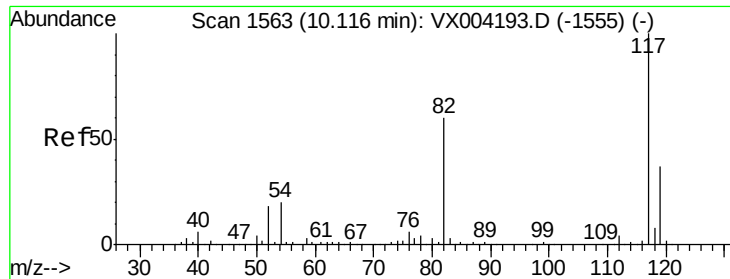
50000

0

11.10 11.20

Time-->





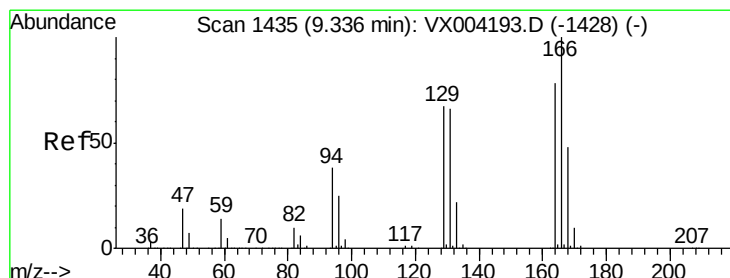
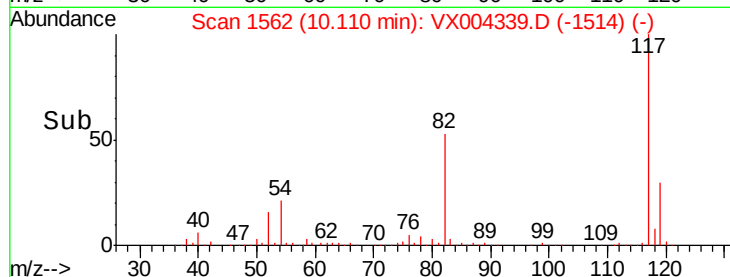
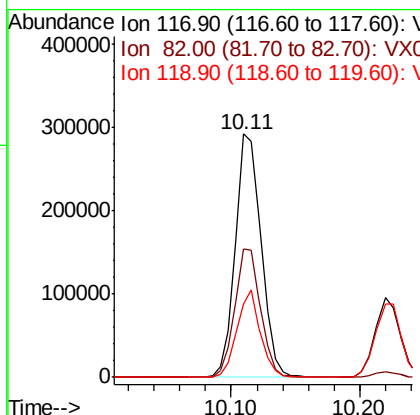
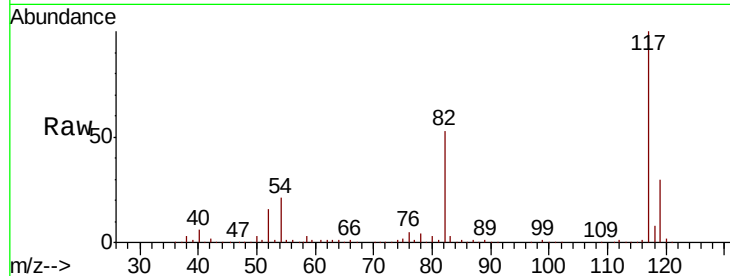
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	408481		
82	52.8	47.8	71.6	
119	30.3	29.3	43.9	

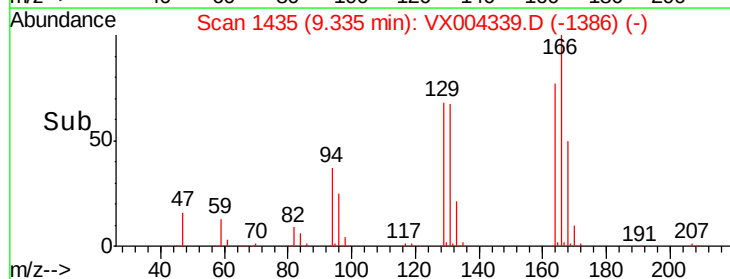
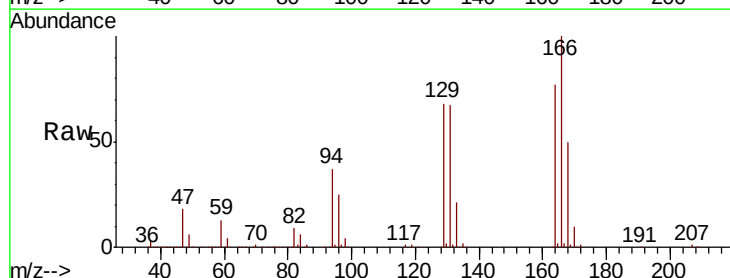
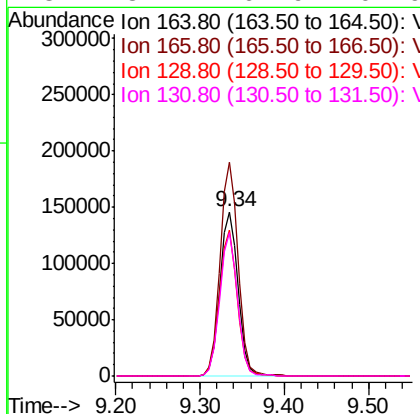
Manual Integrations
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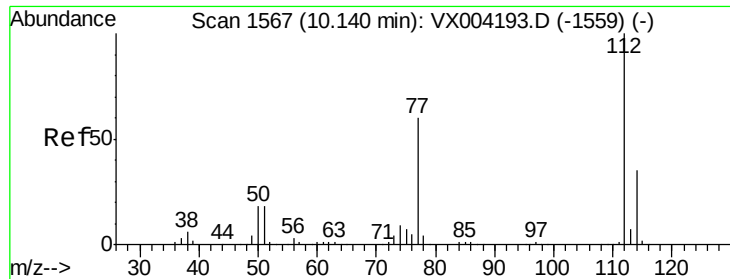
MMDadoda
9/5/2018 4:52:21 PM



#64
Tetrachloroethene
Concen: 54.14 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	218473		
166	130.1	102.8	154.2	
129	89.1	69.4	104.0	
131	87.7	67.9	101.9	





#65

Chlorobenzene

Concen: 50.30 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 515666

Ion Ratio Lower Upper

112 100

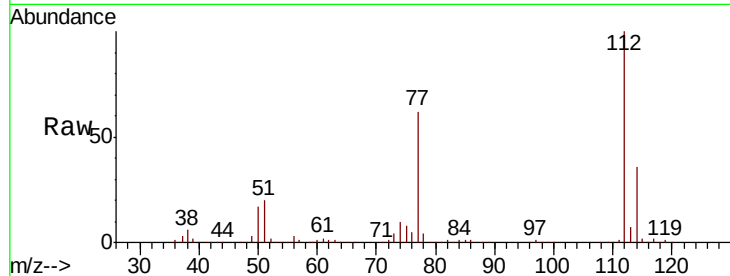
114 35.6 27.8 41.8

Manual Integrations

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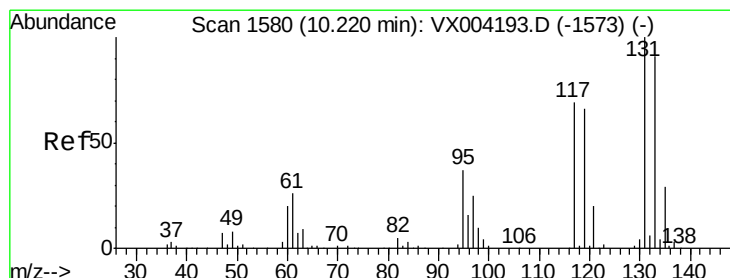
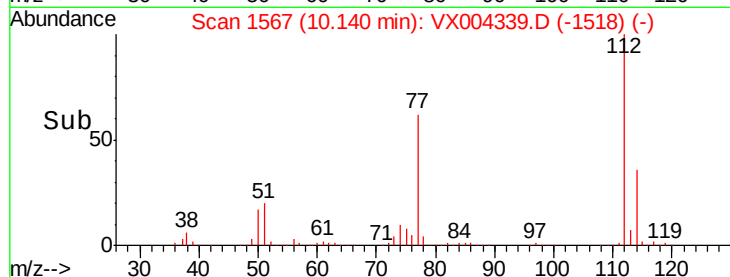
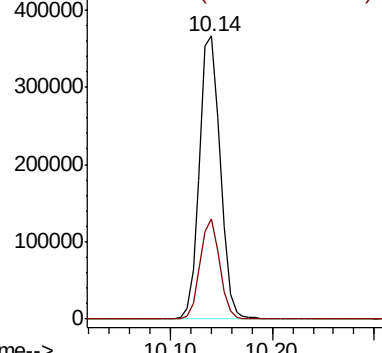
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.60 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

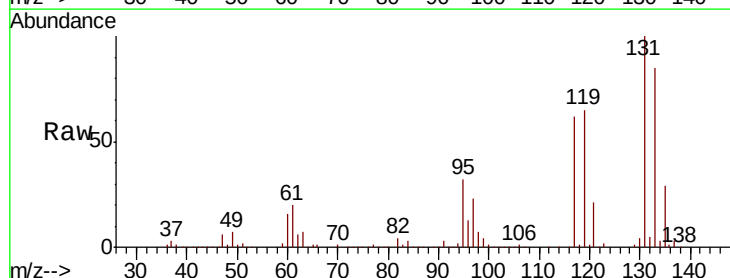
Tgt Ion:131 Resp: 185990

Ion Ratio Lower Upper

131 100

133 91.2 48.1 144.4

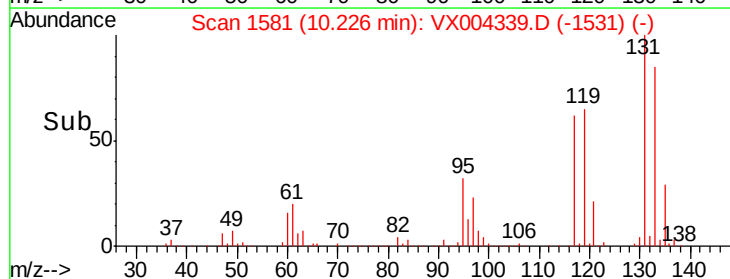
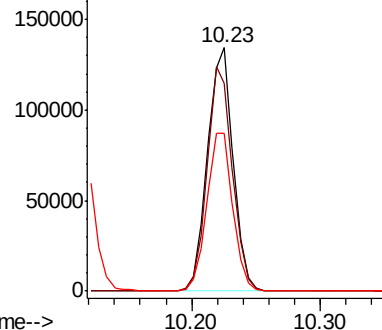
119 66.0 32.9 98.6

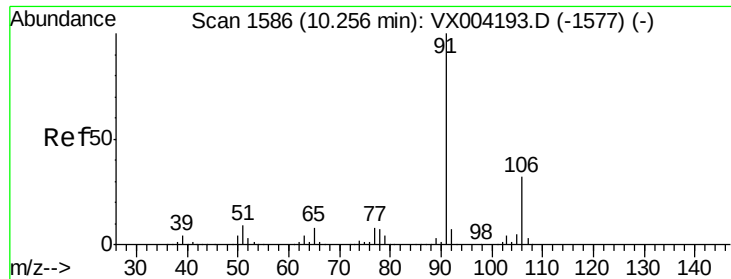


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.99 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 86537

Ion Ratio Lower Upper

91 100

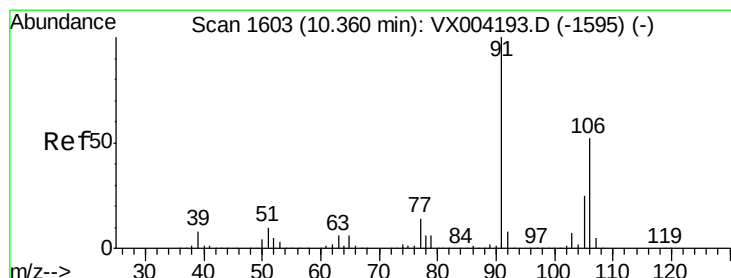
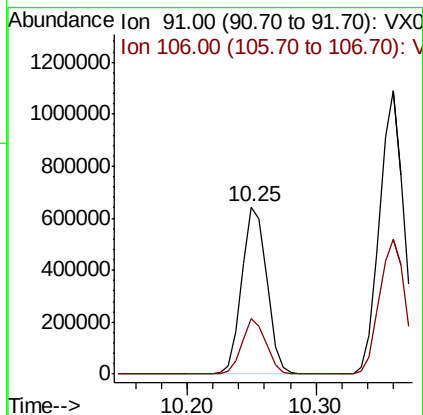
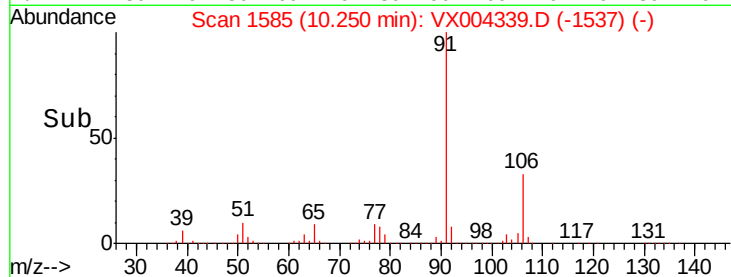
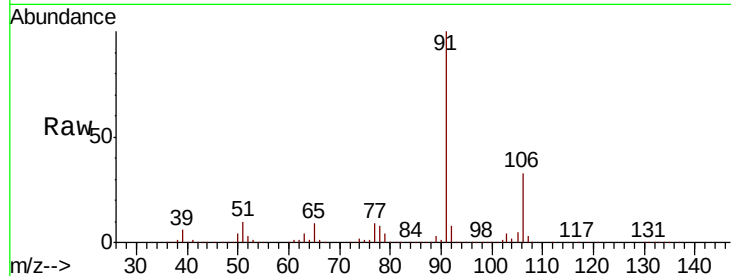
106 33.4 25.9 38.9

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#68

m/p-Xylenes

Concen: 110.04 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004339.D

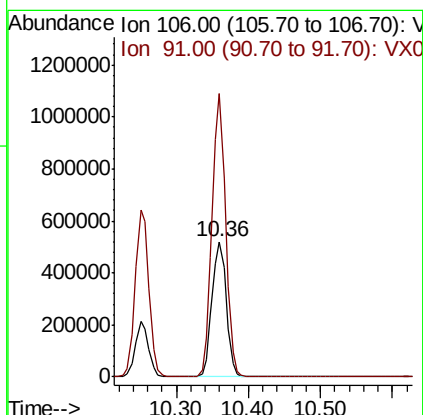
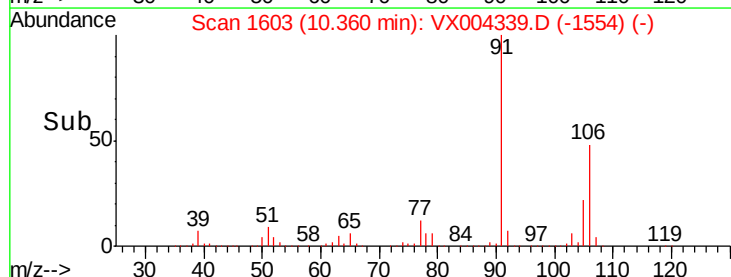
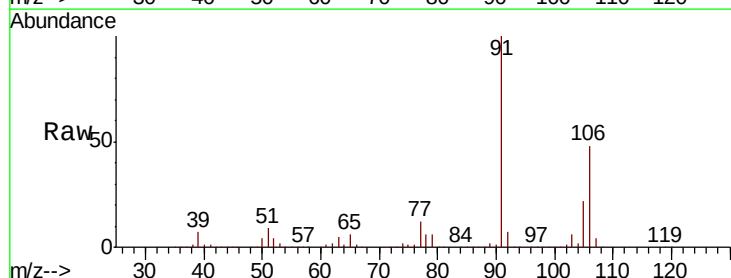
Acq: 04 Sep 2018 11:24

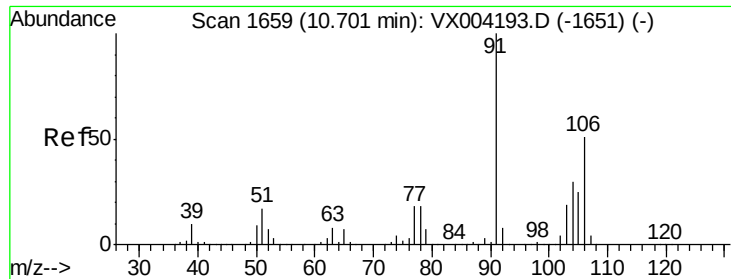
Tgt Ion: 106 Resp: 716352

Ion Ratio Lower Upper

106 100

91 198.9 157.1 235.7





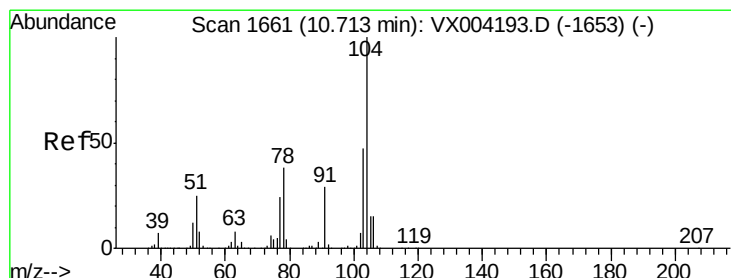
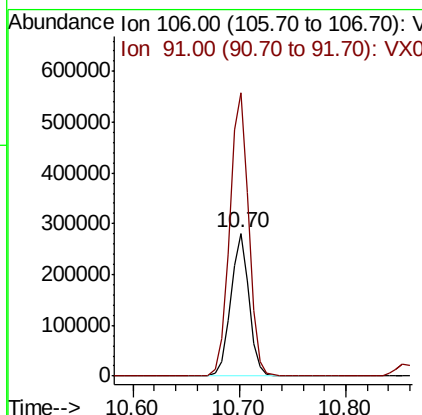
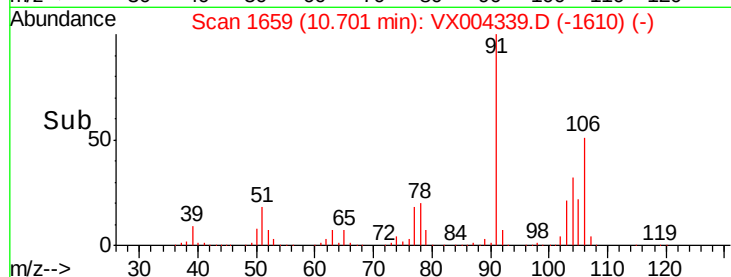
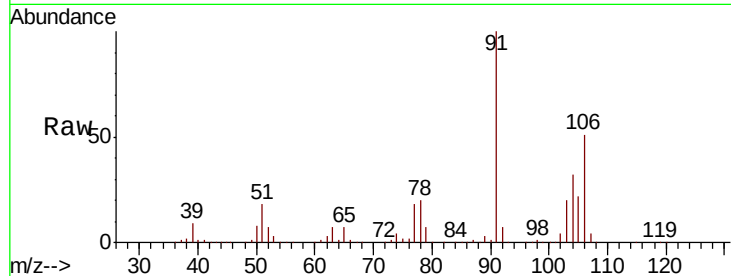
#69
o-Xylene
Concen: 54.80 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 337434
Ion Ratio Lower Upper
106 100
91 206.9 105.1 315.1

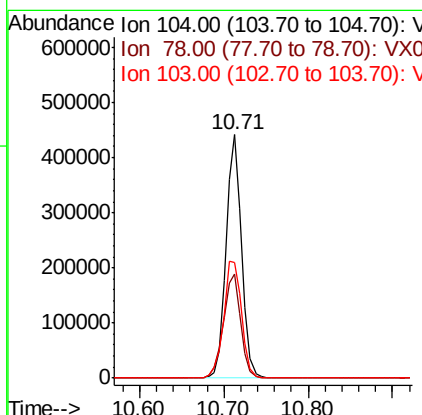
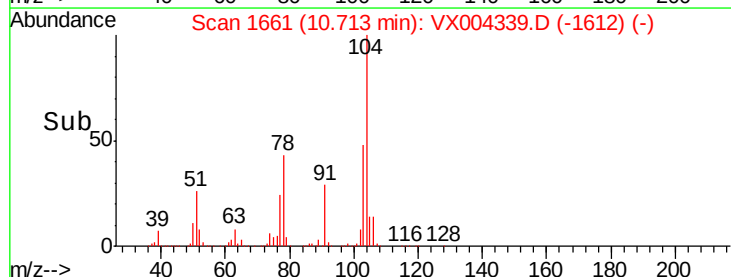
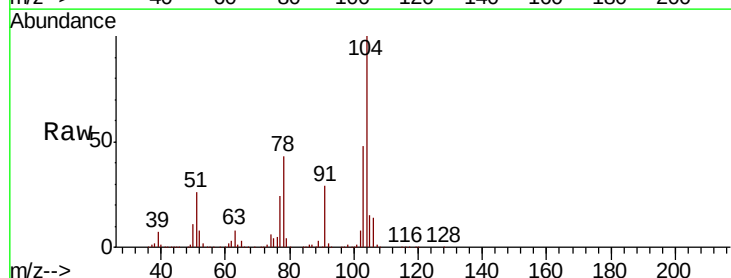
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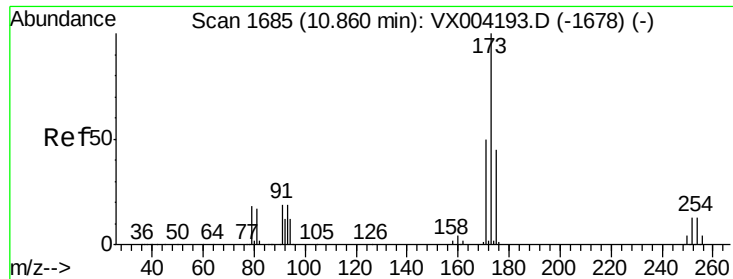
MMDadoda
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#70
Styrene
Concen: 56.31 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion:104 Resp: 561434
Ion Ratio Lower Upper
104 100
78 48.0 37.4 56.0
103 55.7 43.8 65.6





#71

Bromoform

Concen: 54.21 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

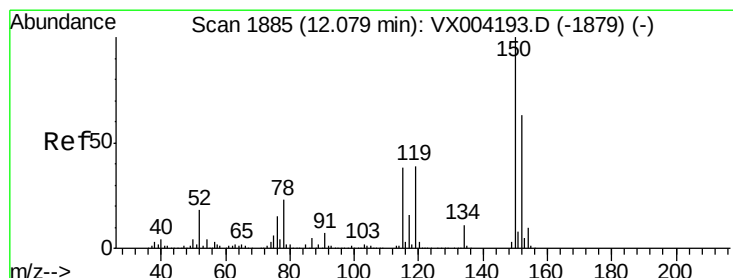
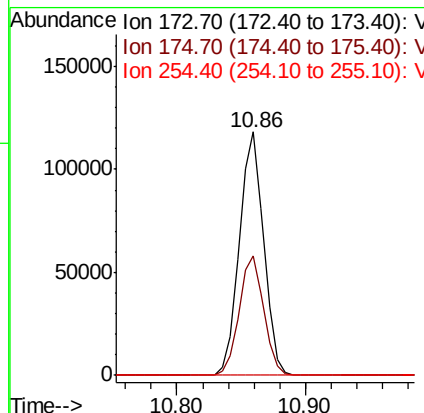
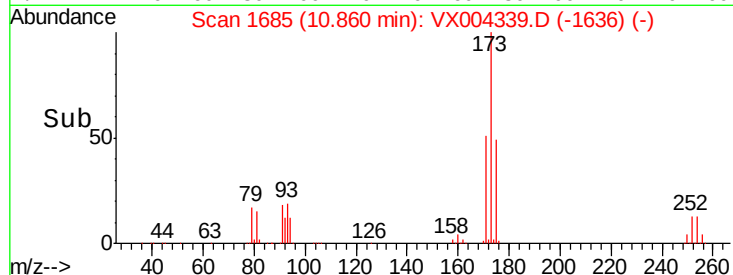
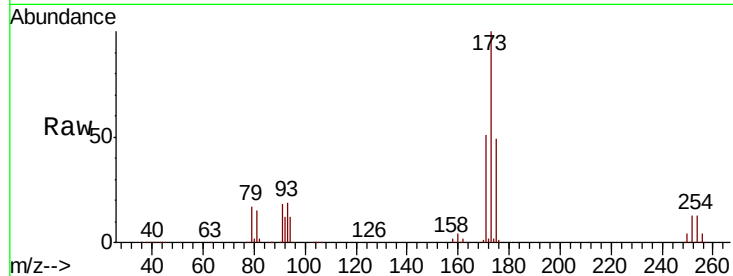
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	154508
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.1	72.3
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

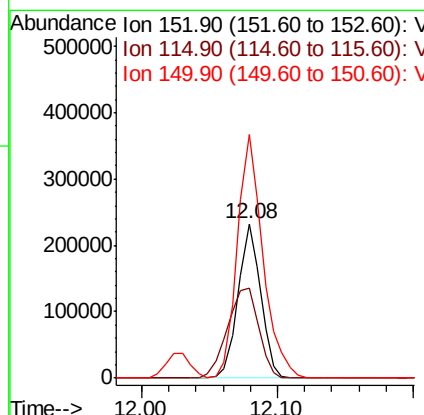
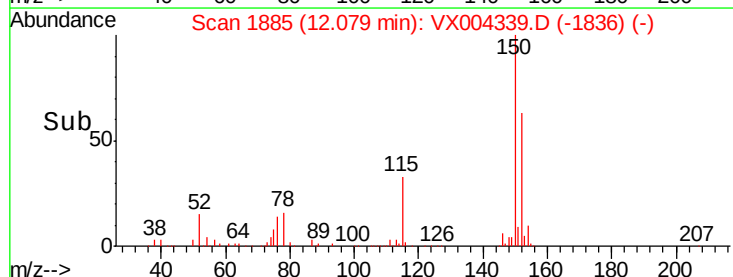
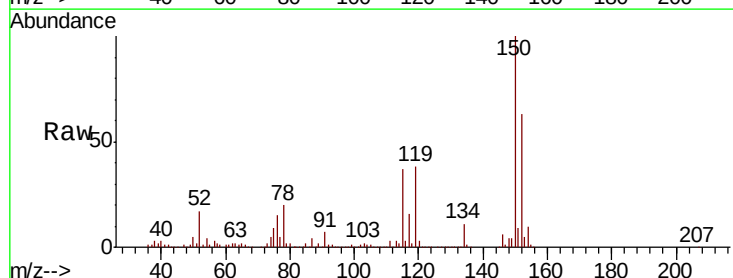
RT: 12.08 min Scan# 1885

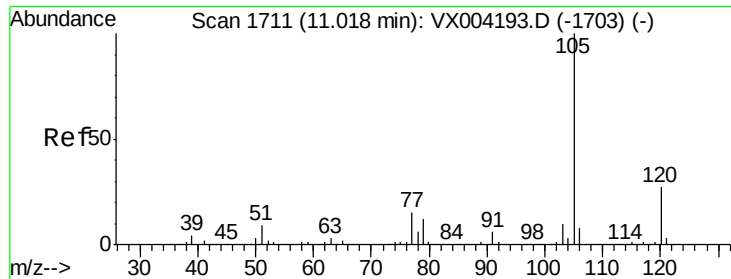
Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tgt Ion:	152	Resp:	268592
Ion Ratio	Lower	Upper	
152	100		
115	80.5	39.0	117.0
150	179.3	0.0	351.0





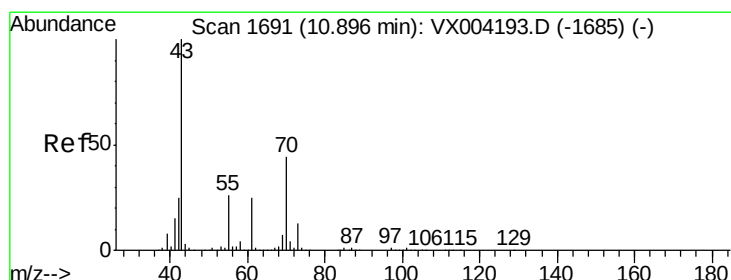
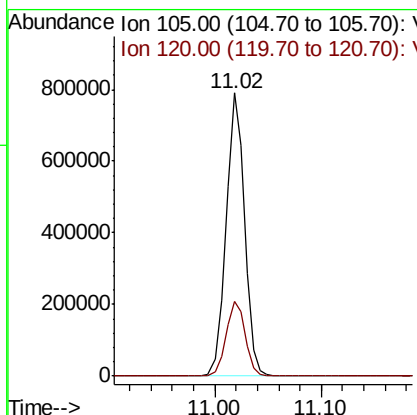
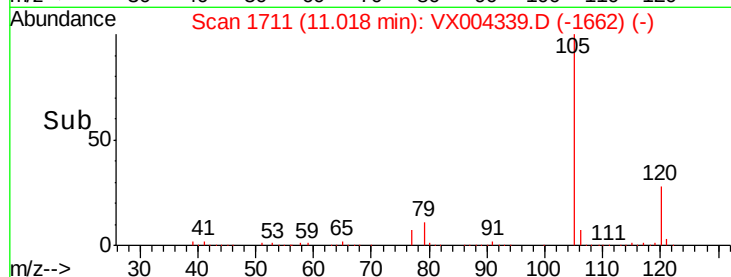
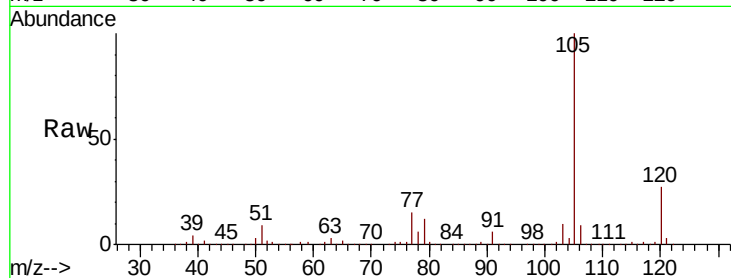
#73
Isopropylbenzene
Concen: 54.38 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.4

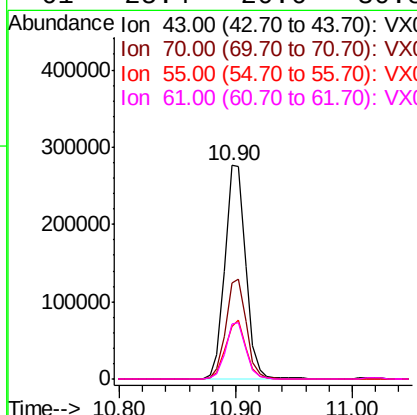
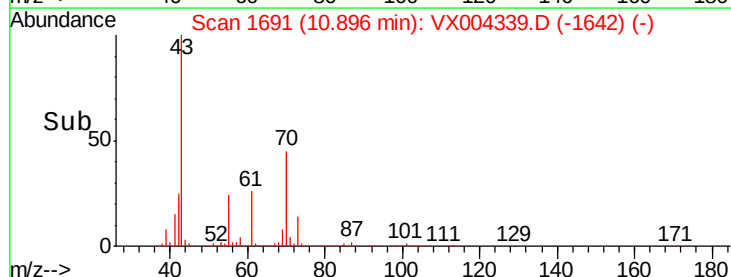
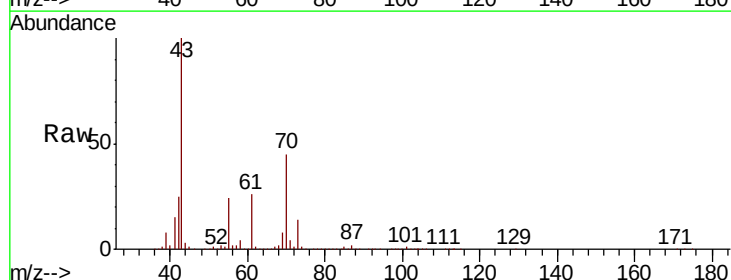
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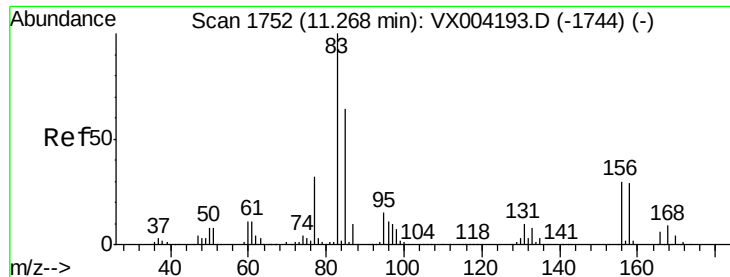
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#74
N-ethyl acetate
Concen: 50.72 ug/l
RT: 10.90 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.0	37.4	56.0
55	26.7	21.8	32.8
61	25.4	20.6	30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.74 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 300878

Ion Ratio Lower Upper

83 100

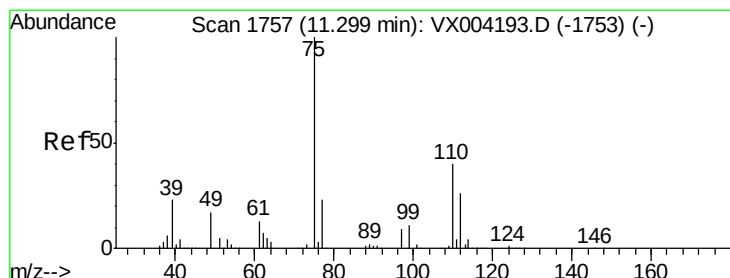
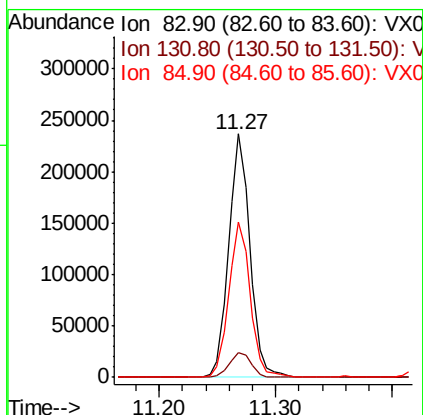
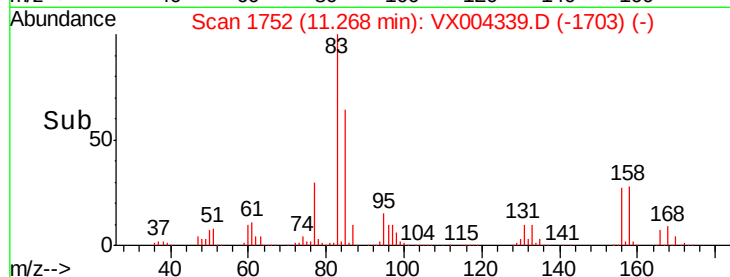
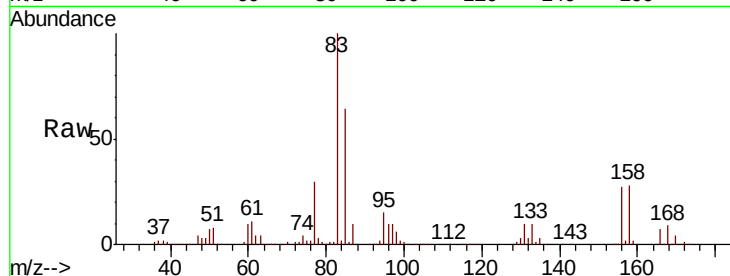
131 10.5 5.2 15.6

85 64.3 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 51.92 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004339.D

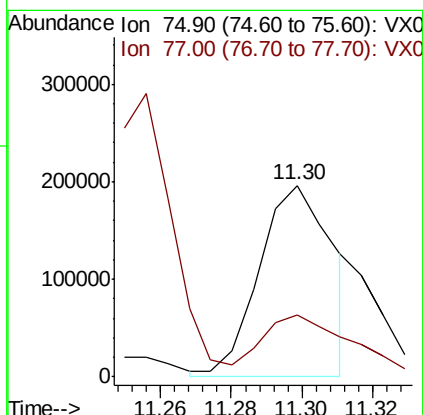
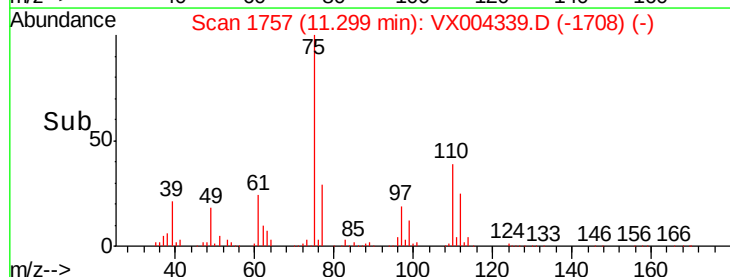
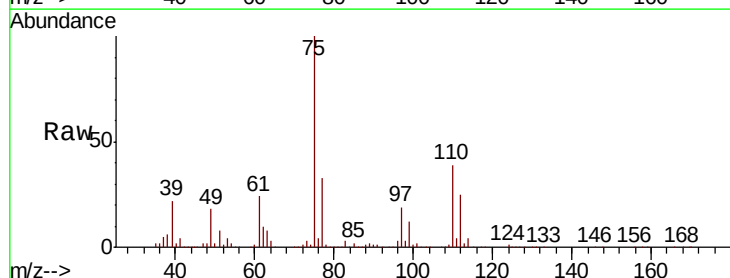
Acq: 04 Sep 2018 11:24

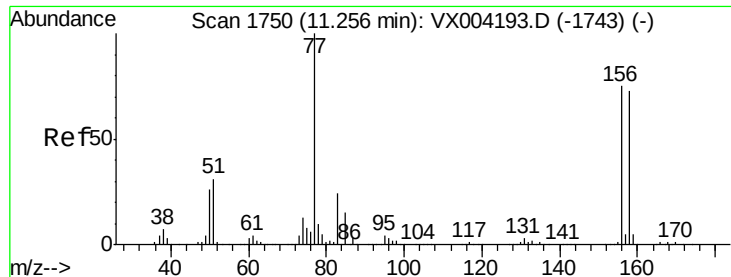
Tgt Ion: 75 Resp: 283614

Ion Ratio Lower Upper

75 100

77 39.3 20.2 60.6





#77

Bromobenzene

Concen: 50.99 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

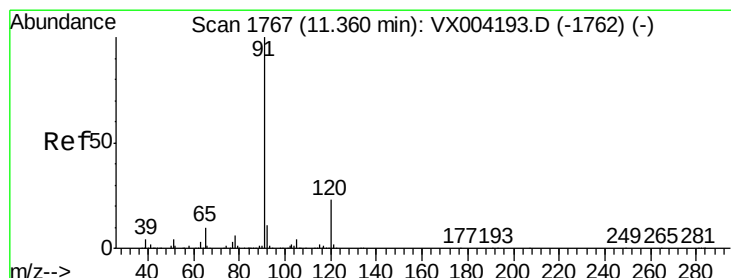
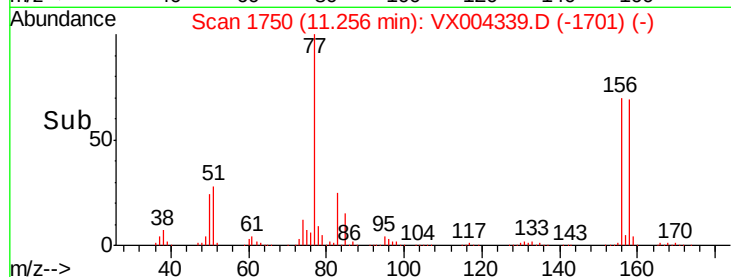
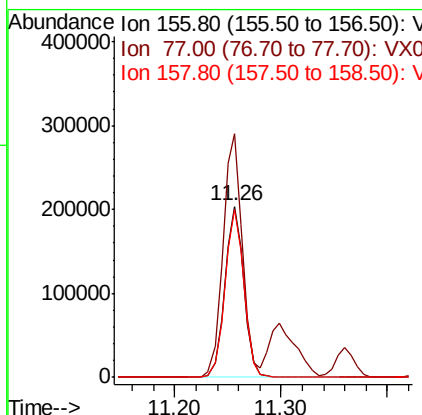
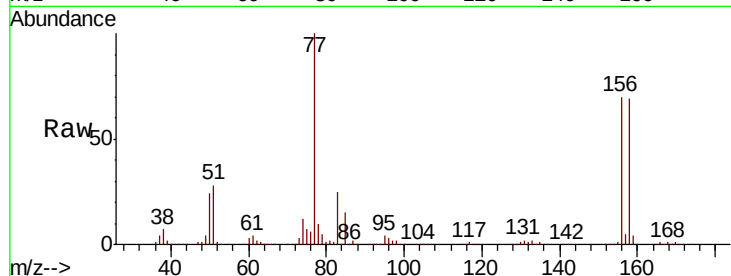
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	252342
Ion Ratio	Lower	Upper	
156	100		
77	145.6	71.5	214.3
158	98.7	48.9	146.8

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9/5/2018 4:52:21 PM



#78

n-propylbenzene

Concen: 55.50 ug/l

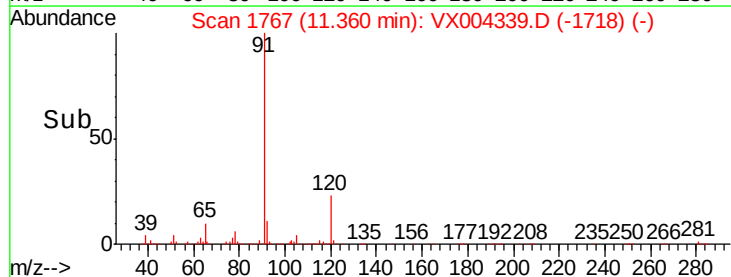
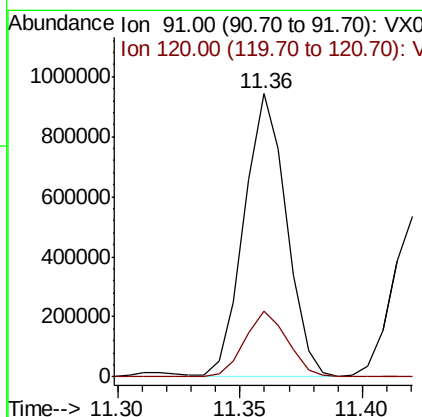
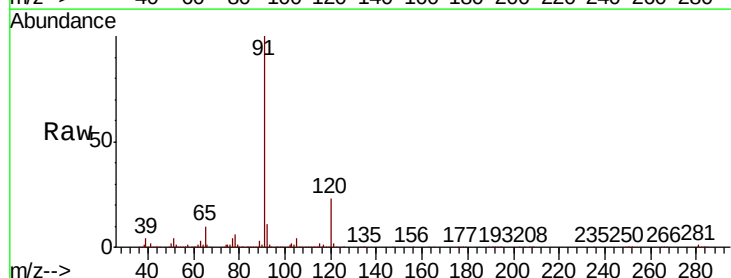
RT: 11.36 min Scan# 1767

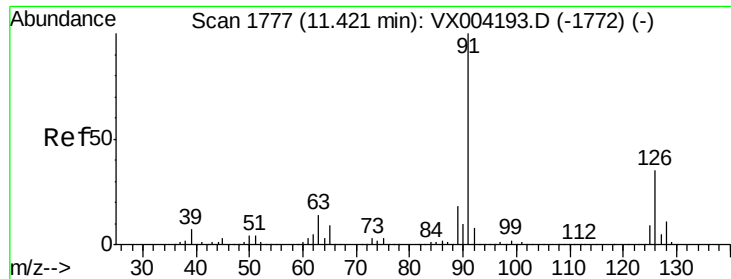
Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tgt Ion:	91	Resp:	1125989
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.9	35.9





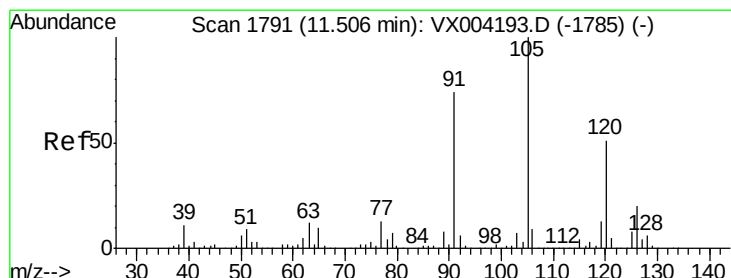
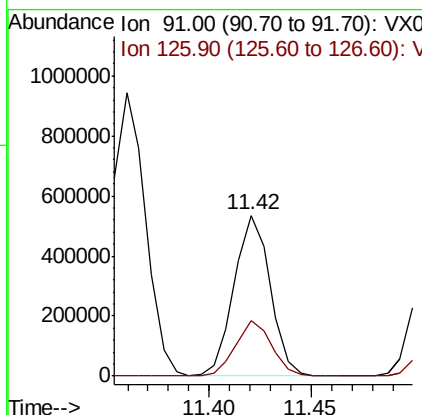
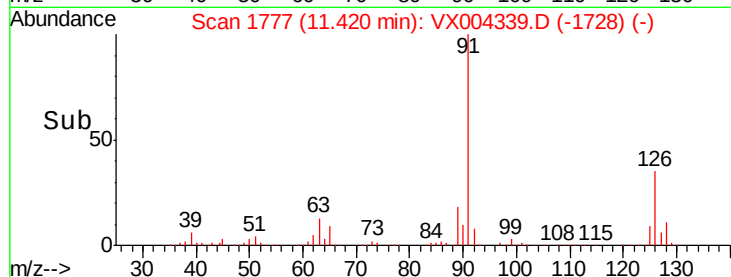
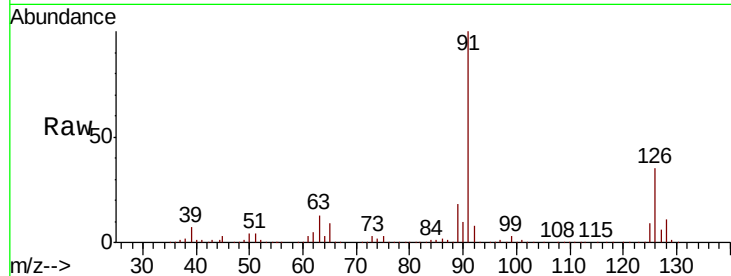
#79
 2-Chlorotoluene
 Concen: 52.30 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 91 Resp: 653163
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.9 53.7

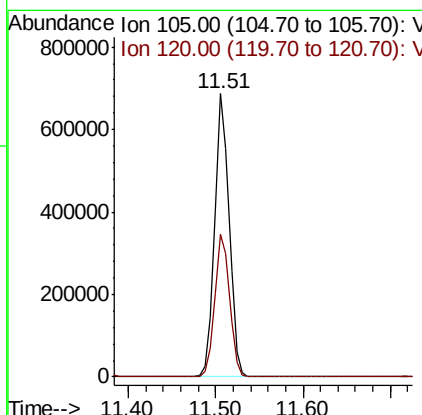
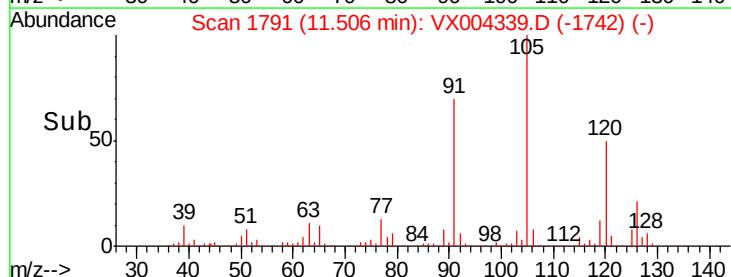
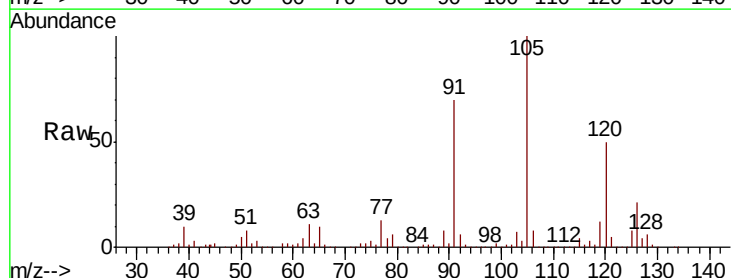
Manual Integrations
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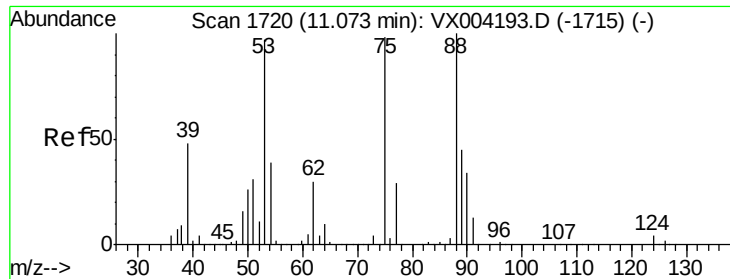
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.84 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion: 105 Resp: 786519
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.65 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

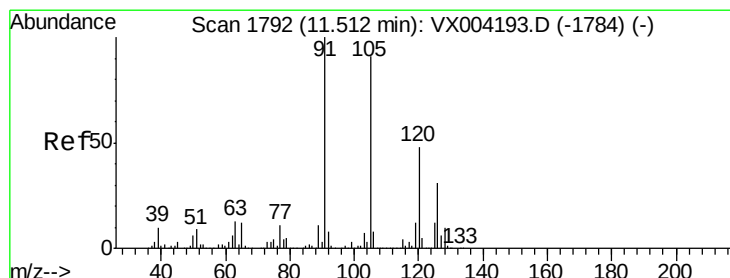
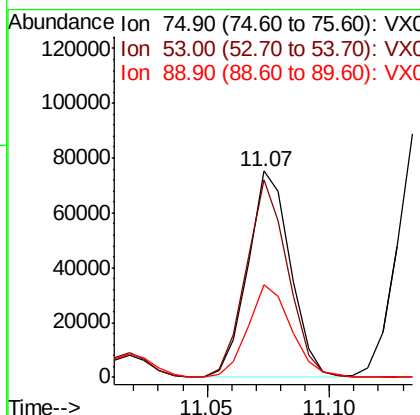
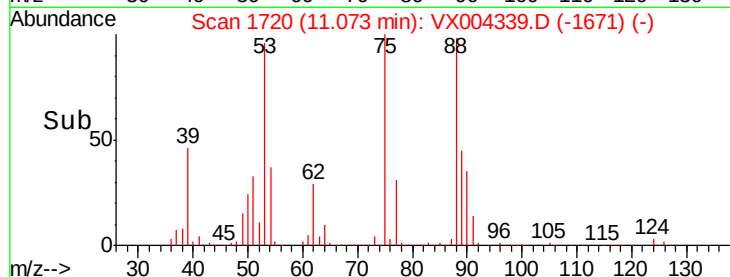
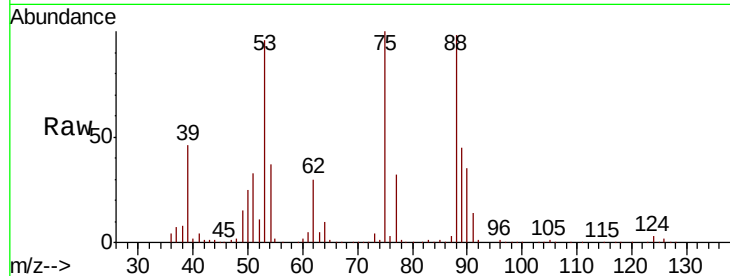
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	90334
Ion Ratio	Lower	Upper	
75	100		
53	93.9	80.1	120.1
89	46.2	37.2	55.8

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#82

4-Chlorotoluene

Concen: 51.63 ug/l

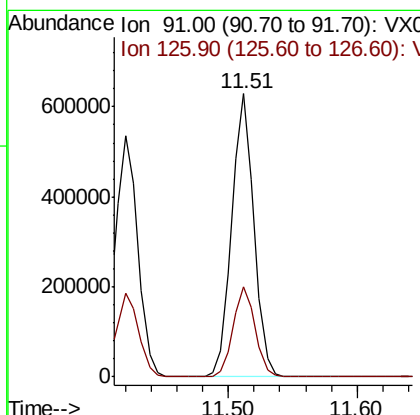
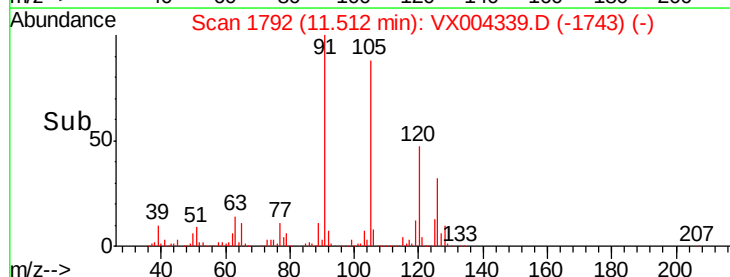
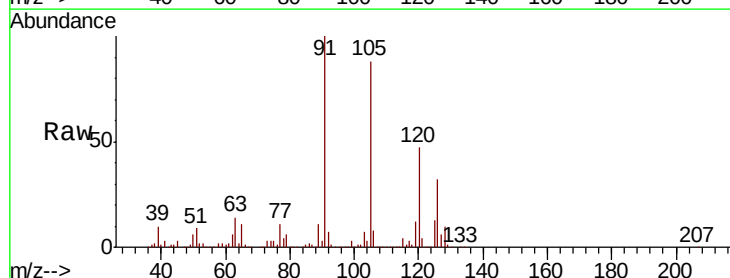
RT: 11.51 min Scan# 1792

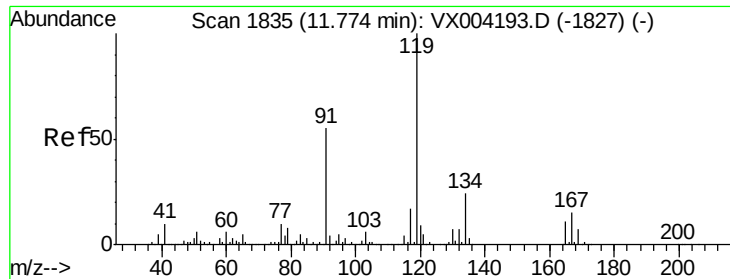
Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tgt Ion:	91	Resp:	758725
Ion Ratio	Lower	Upper	
91	100		
126	31.5	15.5	46.5





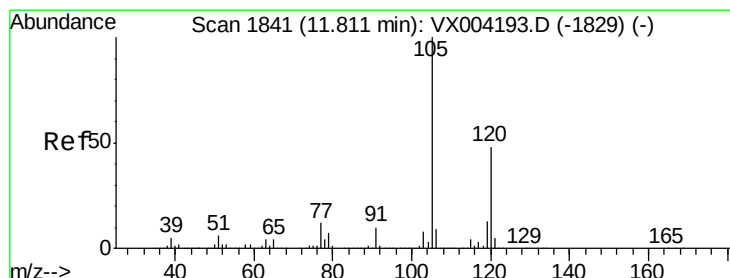
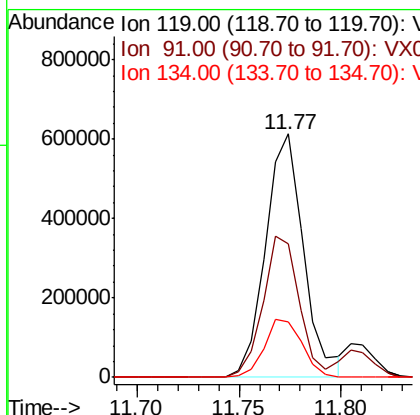
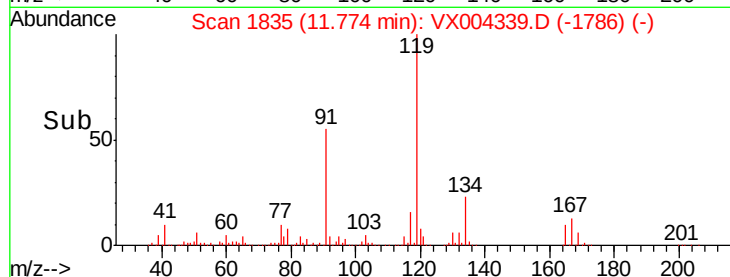
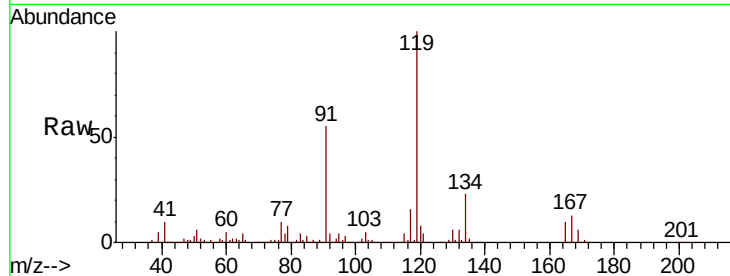
#83
 tert-Butylbenzene
 Concen: 54.28 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.4	27.0	81.0
134	23.9	11.7	35.1

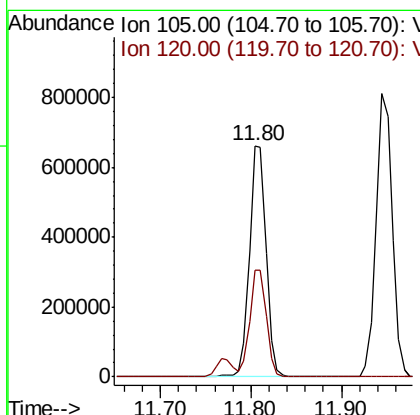
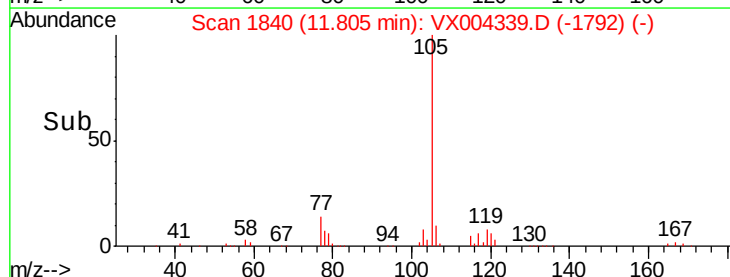
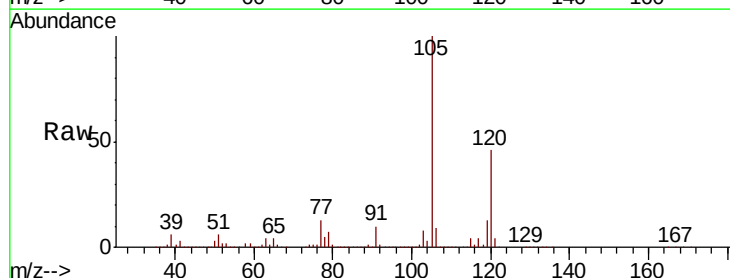
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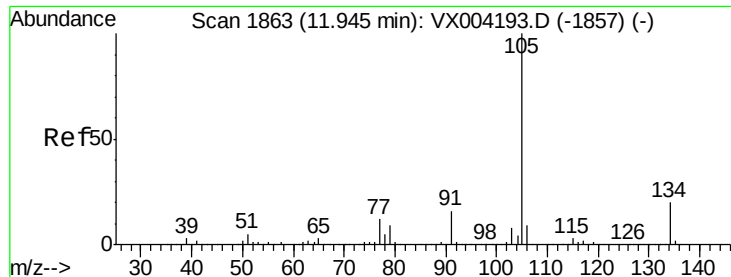
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.93 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.2	69.6





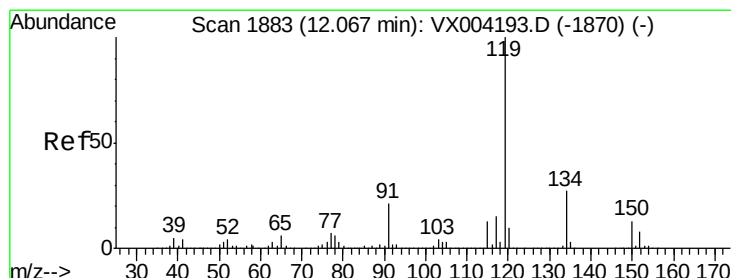
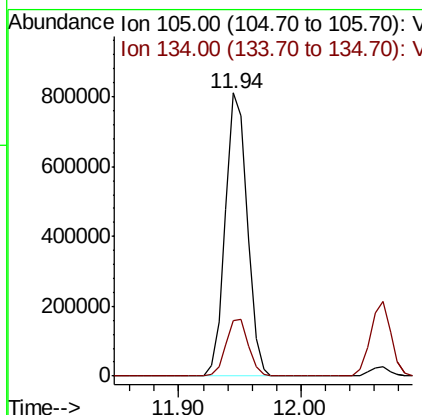
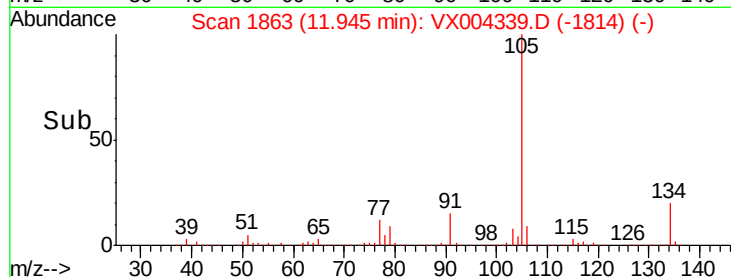
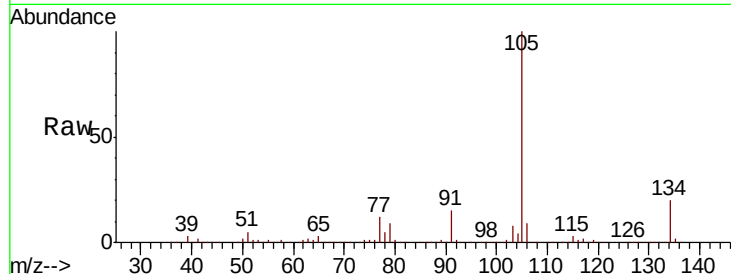
#85
 sec-Butylbenzene
 Concen: 57.55 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1004270
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.5

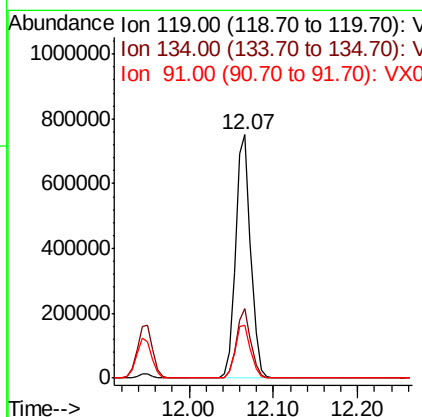
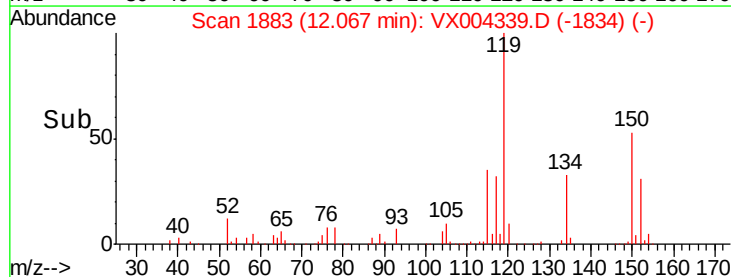
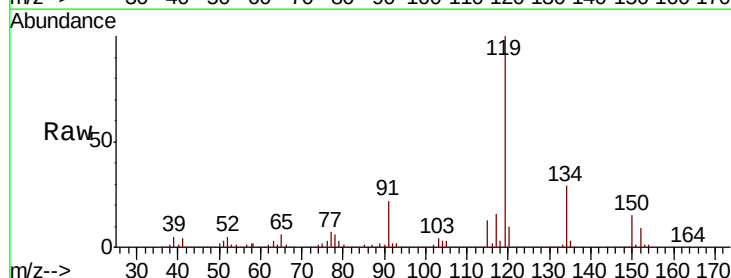
Manual Integrations
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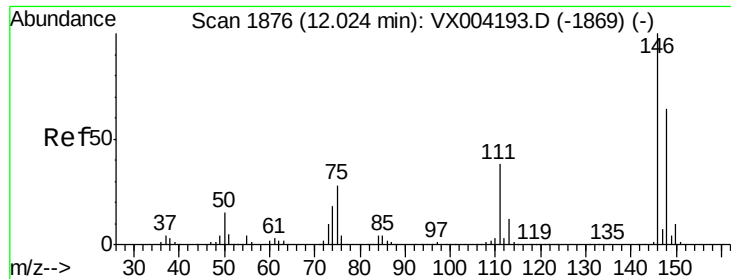
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 57.57 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion:119 Resp: 900279
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.4 40.2
 91 22.3 10.9 32.7





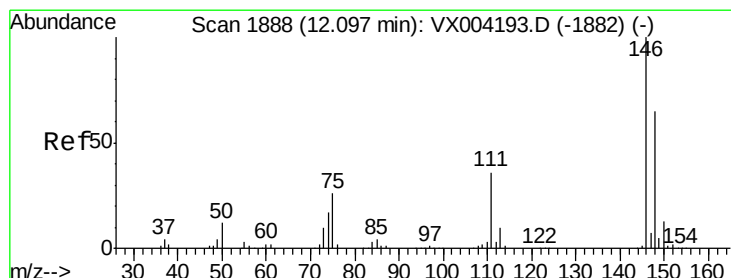
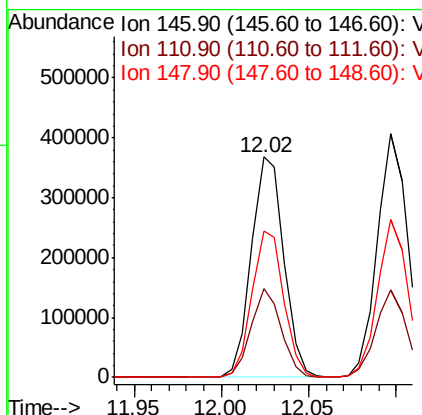
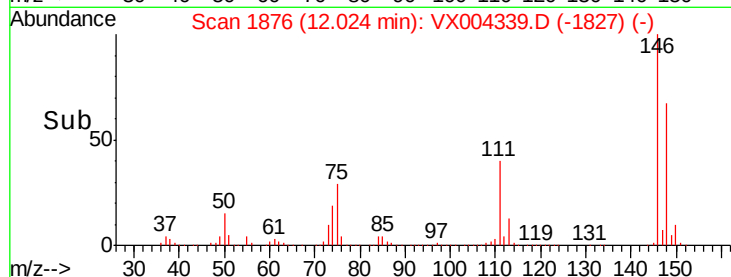
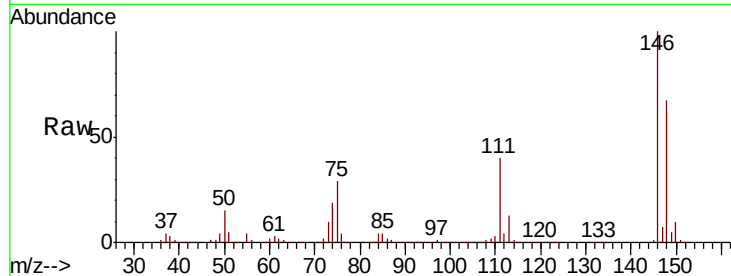
#87
 1,3-Dichlorobenzene
 Concen: 50.95 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	65.4	32.1	96.5

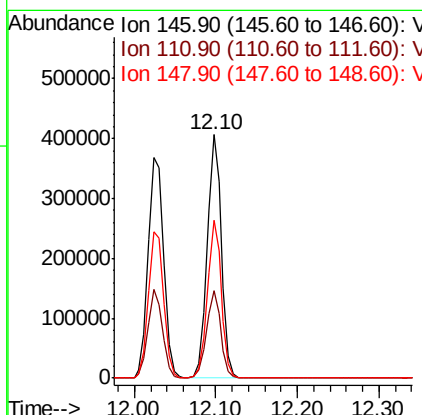
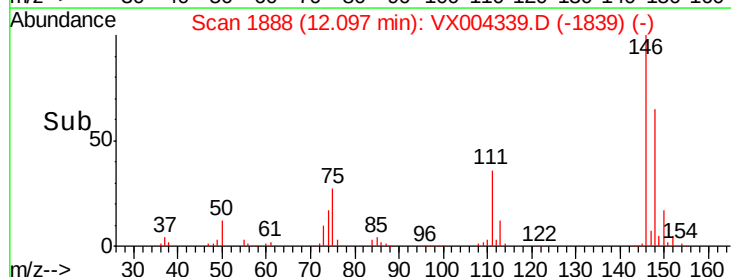
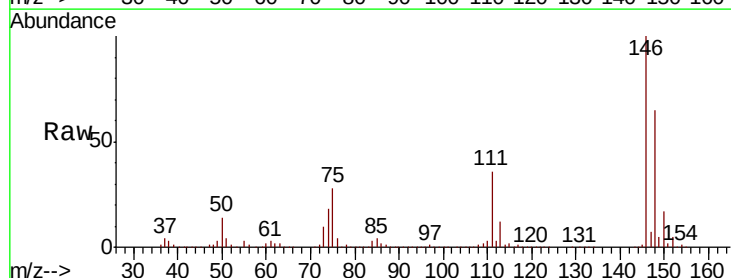
Manual Integrations
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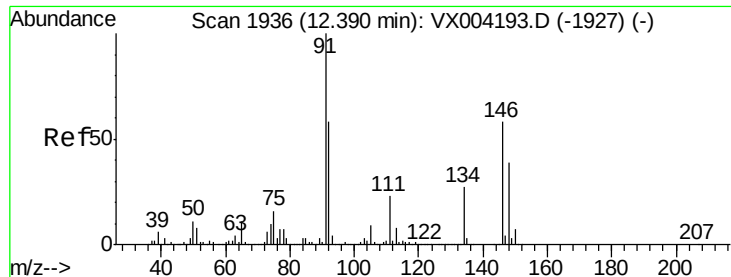
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 50.26 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.1
148	64.0	32.0	96.0





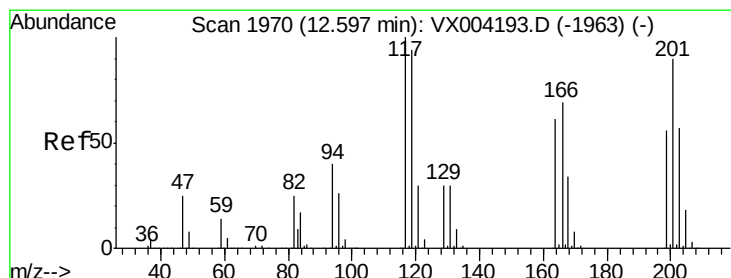
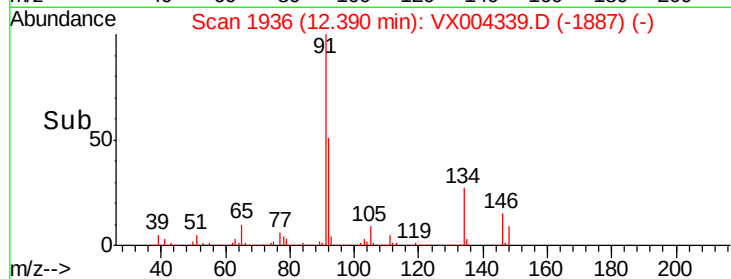
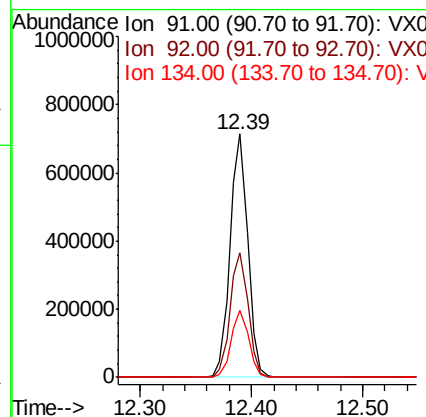
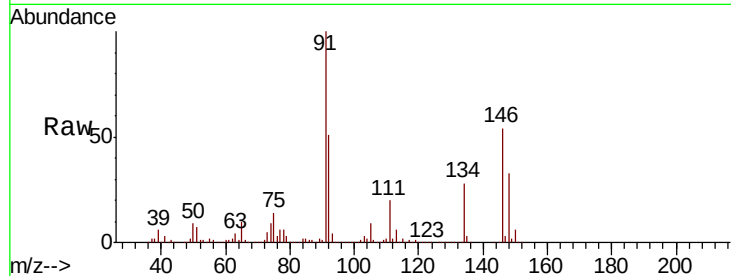
#89
n-Butylbenzene
Concen: 61.92 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	787408		
92	52.3		27.3	81.9
134	27.3		13.6	40.7

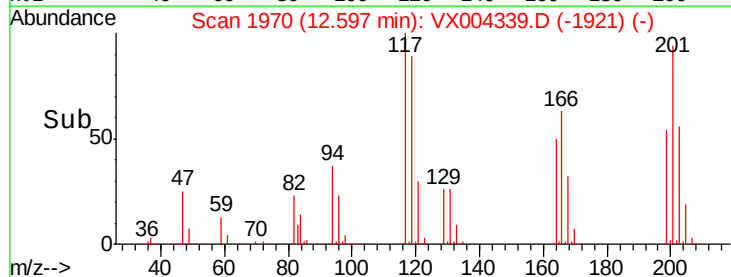
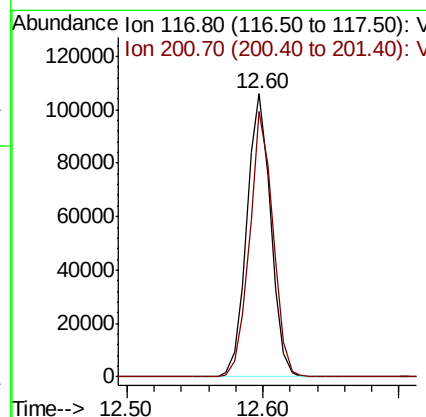
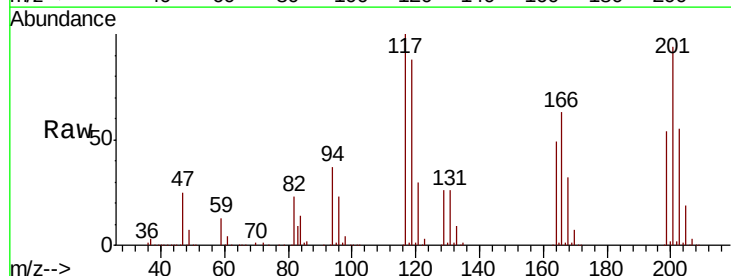
Manual Integrations
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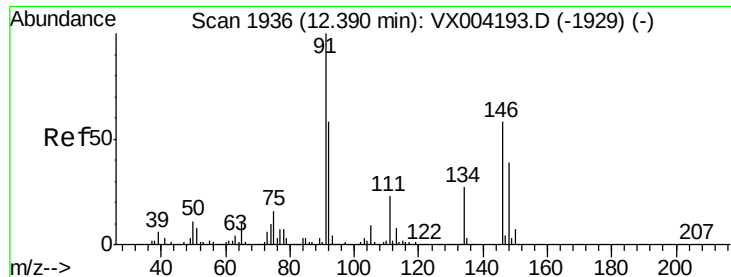
MMDadoda
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#90
Hexachloroethane
Concen: 59.29 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129592		
201	92.2		46.9	140.6





#91

1,2-Dichlorobenzene

Concen: 54.59 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Instrument :

MSVOA_X

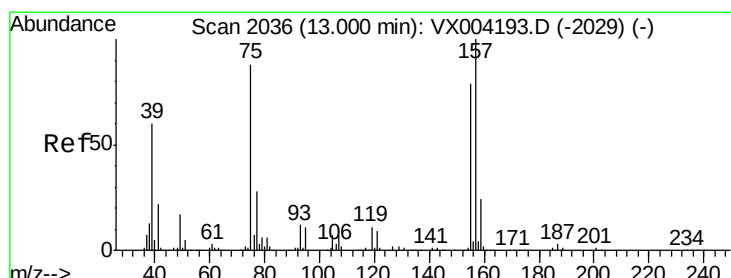
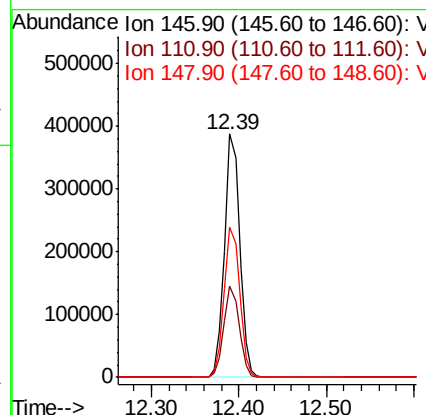
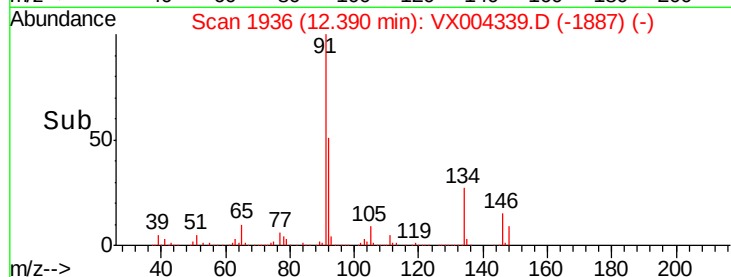
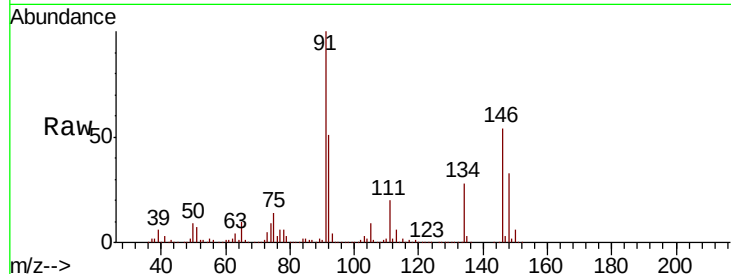
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	464819
Ion Ratio	Lower	Upper	
146	100		
111	37.7	19.4	58.1
148	63.0	32.8	98.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.79 ug/l

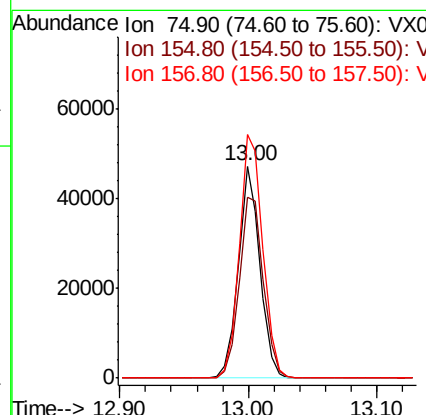
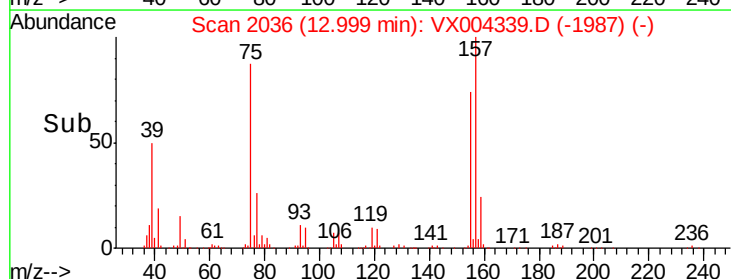
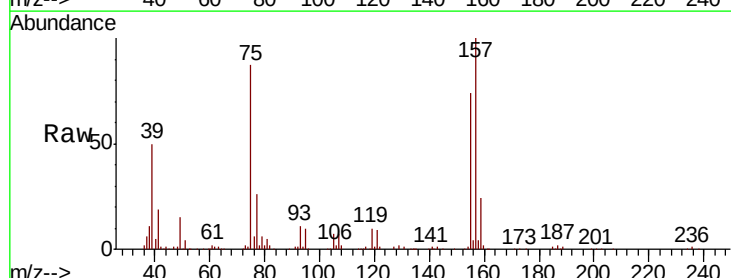
RT: 13.00 min Scan# 2036

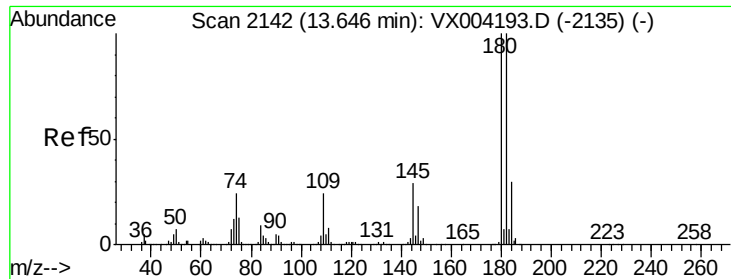
Delta R.T. -0.00 min

Lab File: VX004339.D

Acq: 04 Sep 2018 11:24

Tgt Ion:	75	Resp:	55227
Ion Ratio	Lower	Upper	
75	100		
155	95.0	48.0	144.2
157	124.1	61.4	184.1





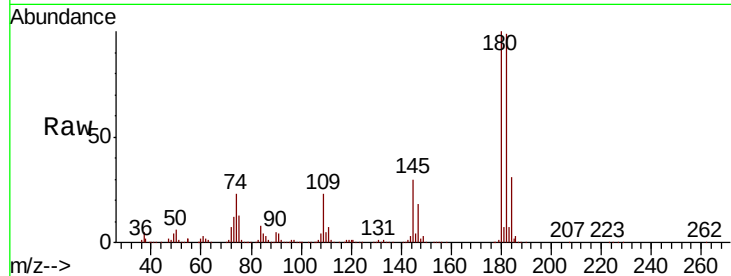
#93
 1,2,4-Trichlorobenzene
 Concen: 54.61 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	48.4	145.0	
145	28.6	14.3	42.9	

Manual Integrations
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 9/5/2018 4:52:21 PM

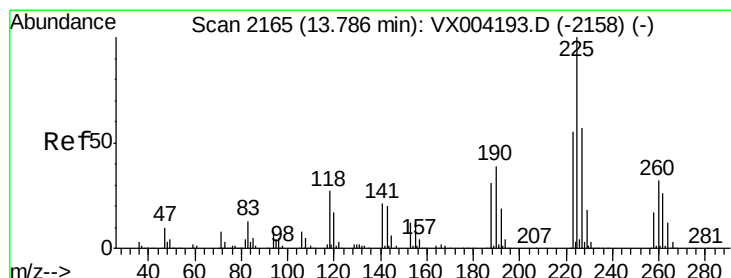
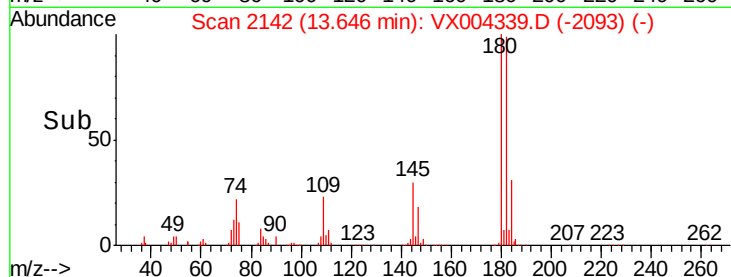
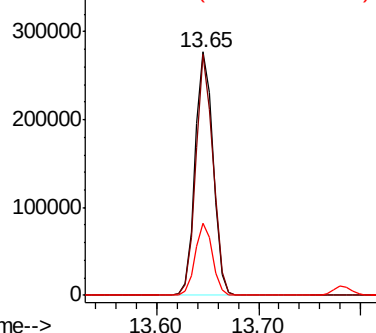


Abundance

Ion 179.80 (179.50 to 180.50): V

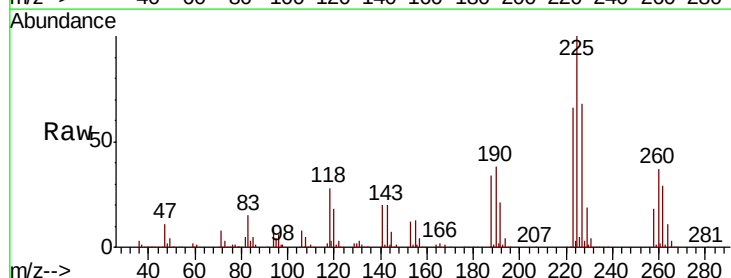
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 62.46 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004339.D
 Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.1	30.1	90.5	
227	66.2	30.8	92.4	

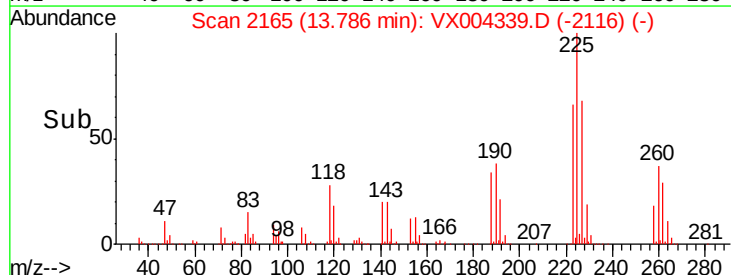
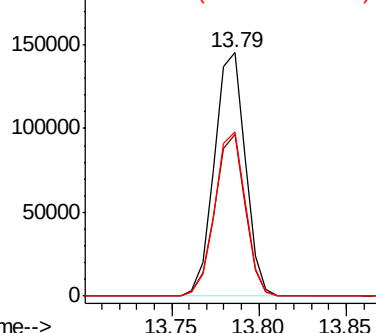


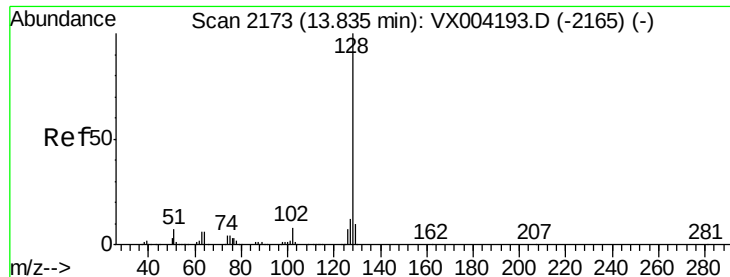
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





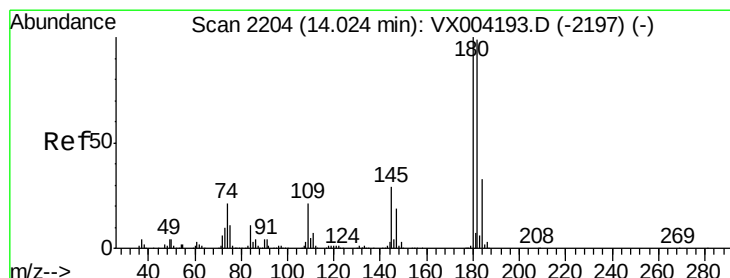
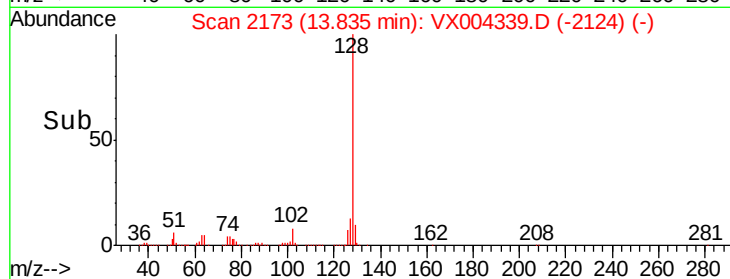
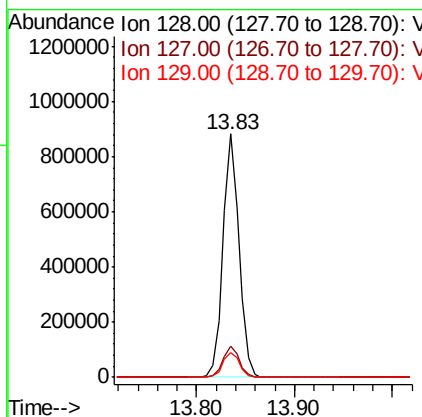
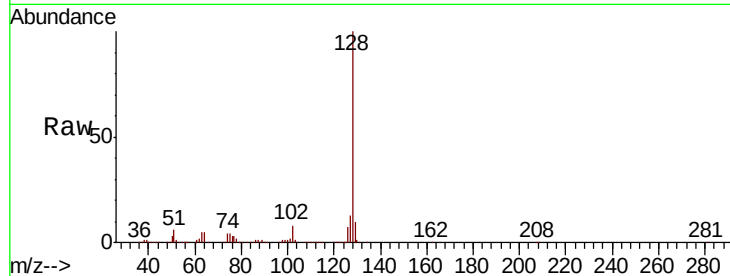
#95
Naphthalene
Concen: 57.15 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/5/2018 4:52:21 PM



#96
1,2,3-Trichlorobenzene
Concen: 56.08 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004339.D
Acq: 04 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.5	145.6
145	29.4	14.9	44.9

