

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\
 Data File : VX004739.D
 Acq On : 26 Sep 2018 22:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 12:50:35 PM

Quant Time: Sep 27 05:27:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245436	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	338776	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	184481	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	5.50	113	147060	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.72	98	514682	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
62) 4-Bromofluorobenzene	11.14	95	192118	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	188663	56.377	ug/l	97
3) Chloromethane	1.32	50	211201	52.019	ug/l	97
4) Vinyl Chloride	1.40	62	198231	52.057	ug/l	100
5) Bromomethane	1.64	94	120376	53.309	ug/l	100
6) Chloroethane	1.71	64	127575	62.035	ug/l	99
7) Trichlorofluoromethane	1.92	101	240061	50.923	ug/l	95
8) Diethyl Ether	2.18	74	108992	53.219	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140391	52.281	ug/l	97
10) Methyl Iodide	2.51	142	198531	55.249	ug/l	99
11) Tert butyl alcohol	3.08	59	285220	290.944	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135287	50.871	ug/l	97
13) Acrolein	2.29	56	188686	270.518	ug/l	99
14) Allyl chloride	2.72	41	307520	52.998	ug/l	94
15) Acrylonitrile	3.15	53	613322	284.199	ug/l	98
16) Acetone	2.45	43	570617	278.771	ug/l	92
17) Carbon Disulfide	2.56	76	403204	50.456	ug/l	100
18) Methyl Acetate	2.78	43	312823	60.320	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	522785	56.991	ug/l	93
20) Methylene Chloride	2.85	84	174388	58.743	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	153635	52.774	ug/l	93
22) Diisopropyl ether	3.87	45	582757	59.642	ug/l	97
23) Vinyl Acetate	3.82	43	2748771	307.333	ug/l #	94
24) 1,1-Dichloroethane	3.69	63	285458	48.976	ug/l	99
25) 2-Butanone	4.70	43	912798	302.532	ug/l	90
26) 2,2-Dichloropropane	4.58	77	181077	44.614	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	171465	52.723	ug/l	97
28) Bromochloromethane	5.02	49	148570	54.130	ug/l	90
29) Tetrahydrofuran	5.16	42	578054	308.247	ug/l	95
30) Chloroform	5.21	83	294339	53.434	ug/l	99
31) Cyclohexane	5.57	56	261710	58.667	ug/l #	85
32) 1,1,1-Trichloroethane	5.49	97	236915	52.663	ug/l	100
36) 1,1-Dichloropropene	5.80	75	205752	52.523	ug/l	98
37) Ethyl Acetate	4.85	43	325675	62.631	ug/l	96
38) Carbon Tetrachloride	5.78	117	202439	49.162	ug/l	88

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217232	54.307	ug/l	91
40) Benzene	6.14	78	643074	52.436	ug/l	99
41) Methacrylonitrile	5.06	41	168818	58.541	ug/l	95
42) 1,2-Dichloroethane	6.20	62	240084	55.377	ug/l	97
43) Isopropyl Acetate	6.46	43	453066	60.367	ug/l	96
44) Trichloroethene	7.21	130	154932	51.389	ug/l	96
45) 1,2-Dichloropropane	7.52	63	164991	54.860	ug/l	98
46) Dibromomethane	7.66	93	106747	56.477	ug/l	97
47) Bromodichloromethane	7.90	83	201918	57.059	ug/l	100
48) Methyl methacrylate	7.78	41	218394	64.110	ug/l	93
49) 1,4-Dioxane	7.76	88	104257	1231.896	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1497737	316.938	ug/l	95
52) Toluene	8.79	92	371720	55.161	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	224036	56.023	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	245716	58.663	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160306	54.307	ug/l	97
56) Ethyl methacrylate	9.18	69	254700	52.991	ug/l	94
57) 1,3-Dichloropropane	9.37	76	272641	55.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	721267	281.667	ug/l	94
59) 2-Hexanone	9.50	43	1190537	302.322	ug/l	93
60) Dibromochloromethane	9.59	129	164637	55.770	ug/l	99
61) 1,2-Dibromoethane	9.68	107	168931	53.438	ug/l	98
64) Tetrachloroethene	9.34	164	155738	48.369	ug/l	97
65) Chlorobenzene	10.14	112	415684	49.552	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	151315	51.308	ug/l	99
67) Ethyl Benzene	10.26	91	697908	52.402	ug/l	99
68) m/p-Xylenes	10.36	106	542330	104.206	ug/l	94
69) o-Xylene	10.70	106	262095	54.829	ug/l	96
70) Styrene	10.71	104	451234	50.451	ug/l	97
71) Bromoform	10.86	173	135053	53.490	ug/l #	99
73) Isopropylbenzene	11.02	105	688975	54.347	ug/l	99
74) N-amyl acetate	10.90	43	364962	52.294	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	268365	52.003	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	242650m	53.826	ug/l	
77) Bromobenzene	11.26	156	194264	52.757	ug/l	98
78) n-propylbenzene	11.36	91	791276	54.399	ug/l	100
79) 2-Chlorotoluene	11.42	91	490064	54.051	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	595546	51.260	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	77005	46.724	ug/l	100
82) 4-Chlorotoluene	11.51	91	576263	53.998	ug/l	99
83) tert-Butylbenzene	11.77	119	566750	54.299	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	621174	51.847	ug/l	98
85) sec-Butylbenzene	11.94	105	682240	53.663	ug/l	99
86) p-Isopropyltoluene	12.07	119	617618	53.620	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	349656	50.853	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	355670	50.110	ug/l	98
89) n-Butylbenzene	12.39	91	552378	52.804	ug/l	97
90) Hexachloroethane	12.60	117	94891	49.479	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	358052	49.830	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61786	54.529	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	262677	52.113	ug/l	99
94) Hexachlorobutadiene	13.79	225	122642	46.921	ug/l	98
95) Naphthalene	13.83	128	883947	52.796	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	275354	52.882	ug/l	99

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

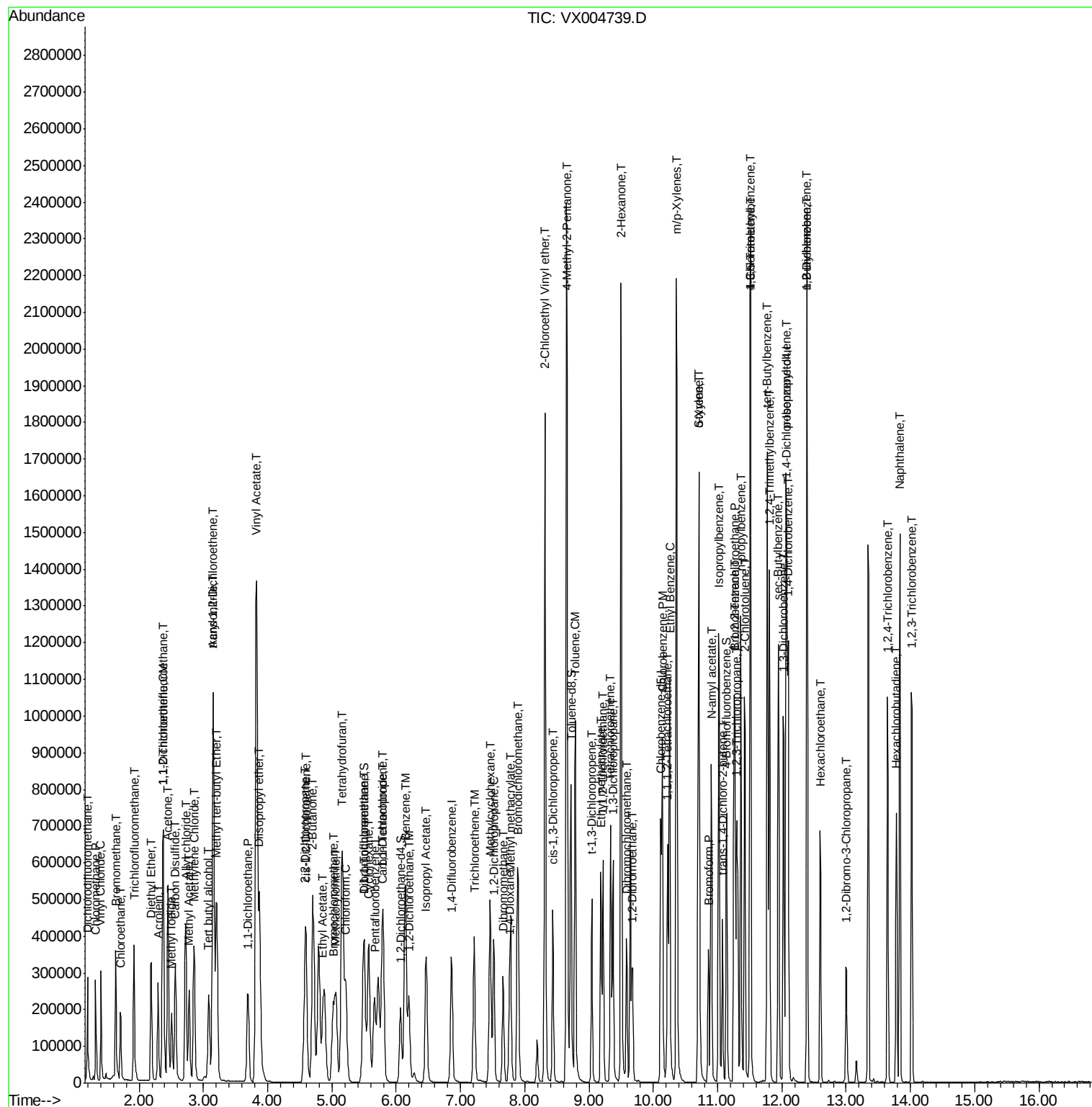
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Data File : VX004739.D
Acq On : 26 Sep 2018 22:24
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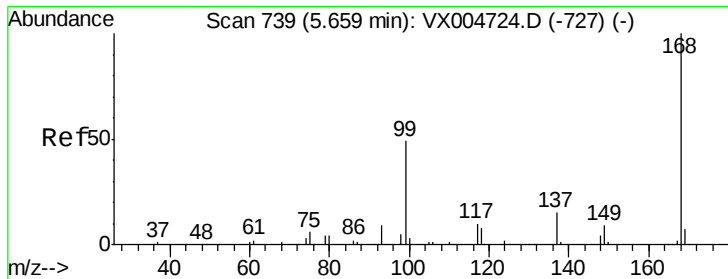
Instrument :
MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 245436

Ion Ratio Lower Upper

168 100

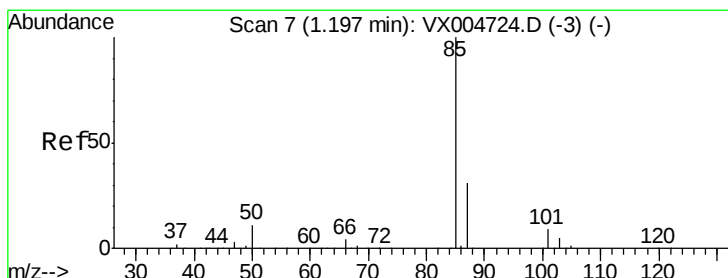
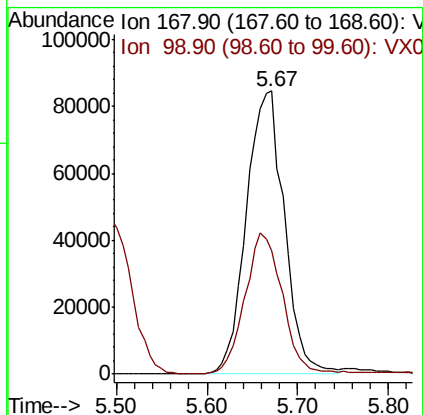
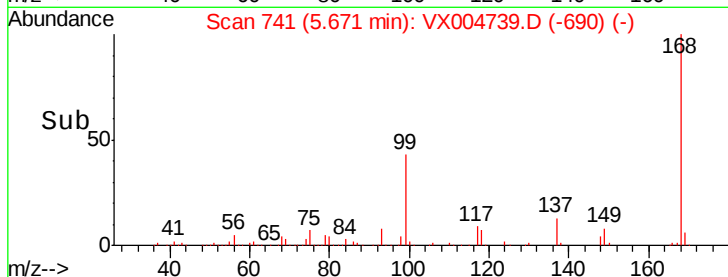
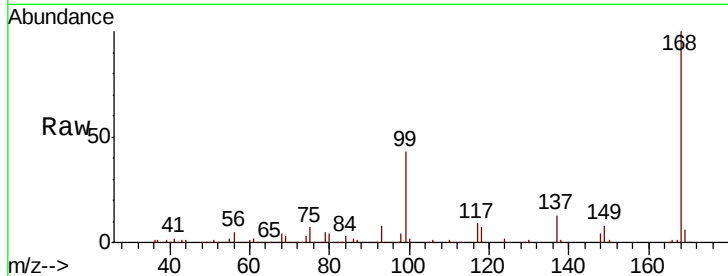
99 43.2 39.9 59.9

Manual Integrations

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9/27/2018 12:50:35 PM



#2

Dichlorodifluoromethane

Concen: 56.377 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004739.D

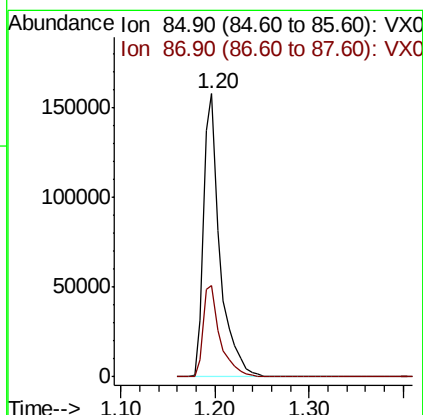
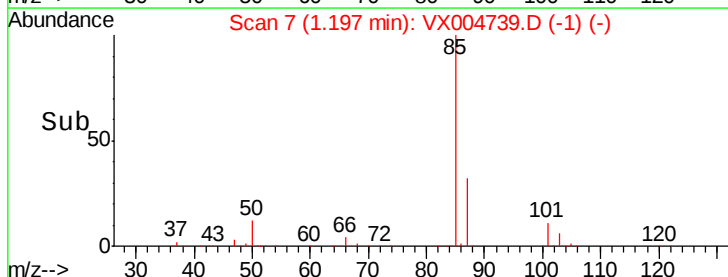
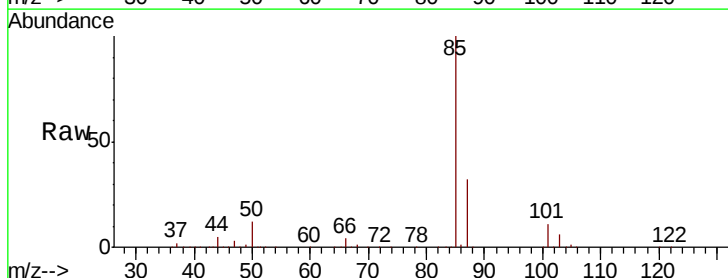
Acq: 26 Sep 2018 22:24

Tgt Ion: 85 Resp: 188663

Ion Ratio Lower Upper

85 100

87 32.3 17.0 50.9





#3

Chloromethane

Concen: 52.019 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 211201

Ion Ratio Lower Upper

50 100

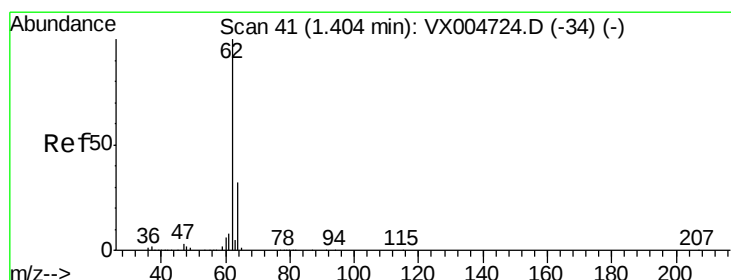
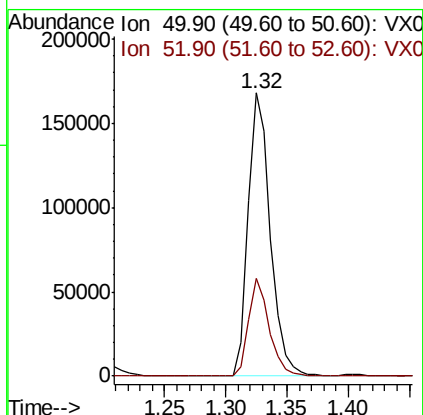
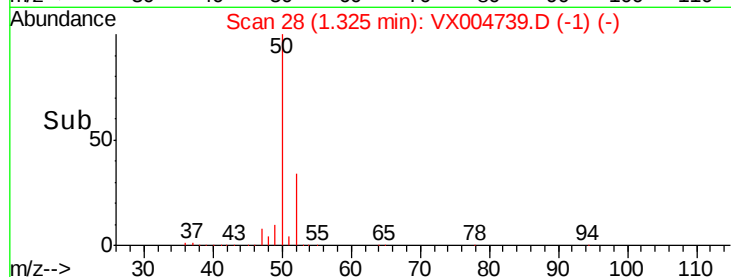
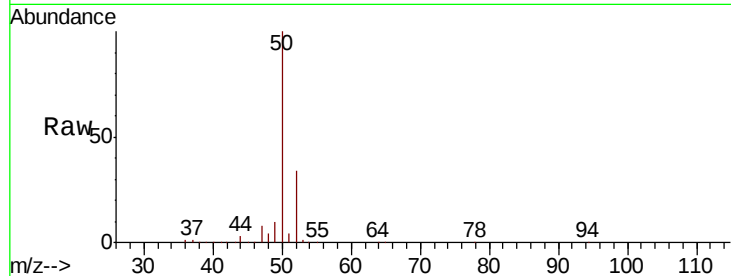
52 34.3 26.2 39.2

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 52.057 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004739.D

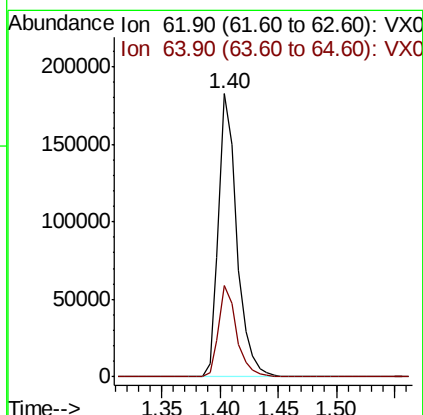
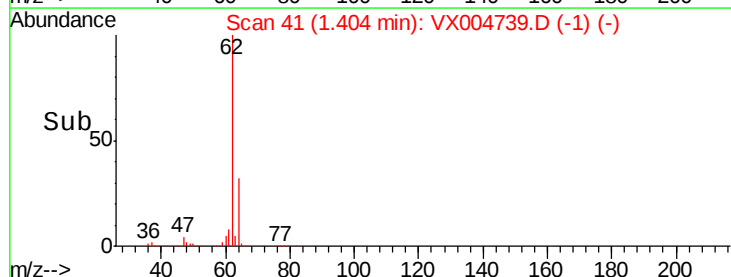
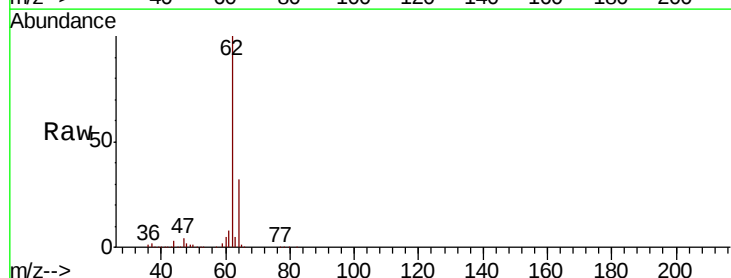
Acq: 26 Sep 2018 22:24

Tgt Ion: 62 Resp: 198231

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 53.309 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 120376

Ion Ratio Lower Upper

94 100

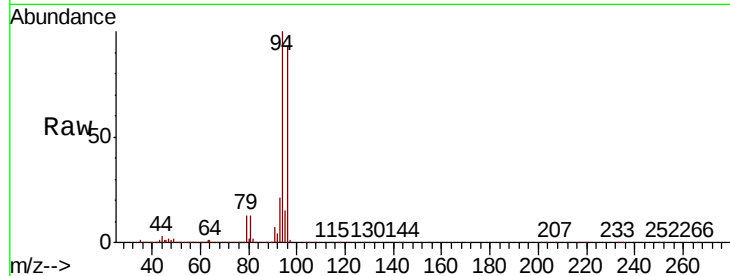
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Manual Integrations

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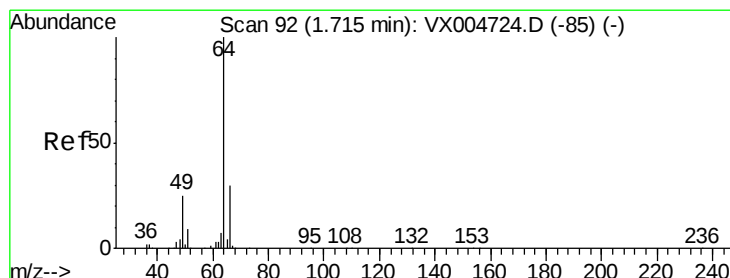
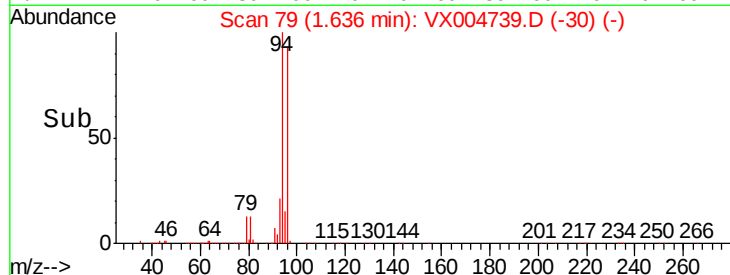
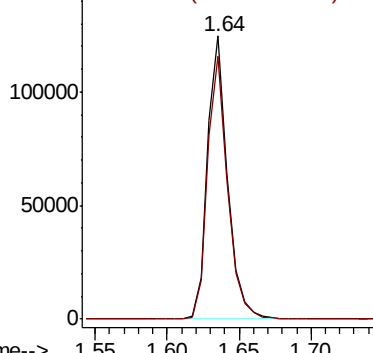
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 62.035 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004739.D

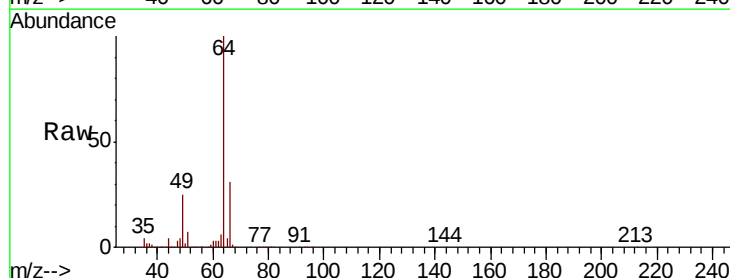
Acq: 26 Sep 2018 22:24

Tgt Ion: 64 Resp: 127575

Ion Ratio Lower Upper

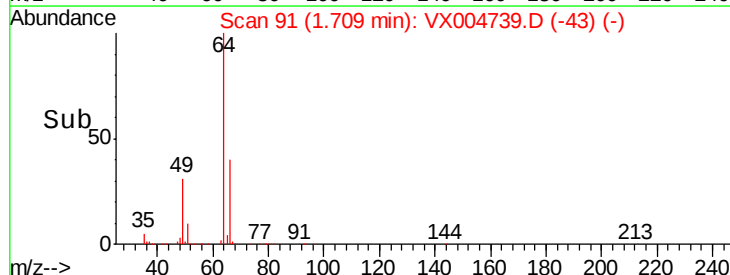
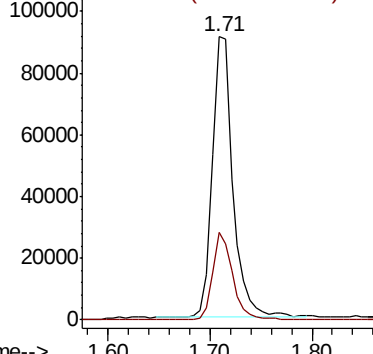
64 100

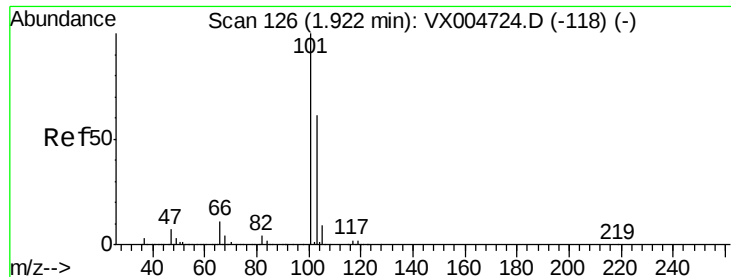
66 31.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

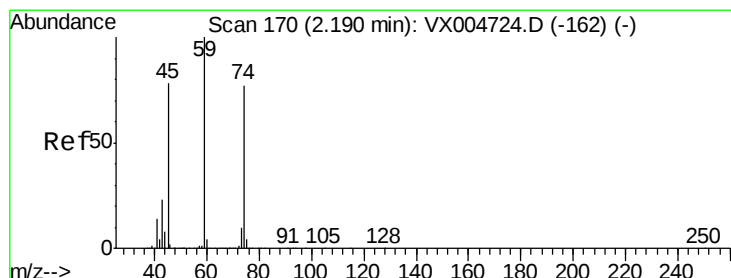
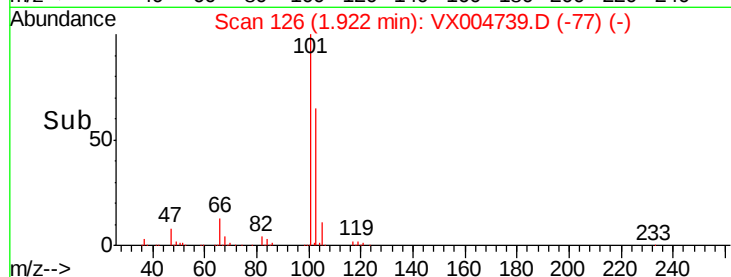
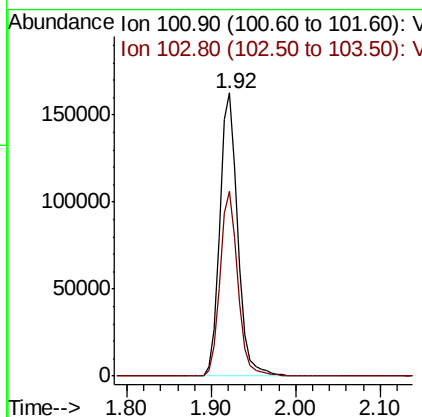
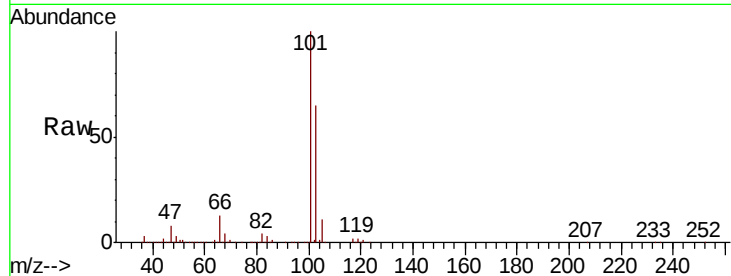
Trichlorofluoromethane
Concen: 50.923 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	240061		
103	65.3	48.9	73.3	

Manual Integrations
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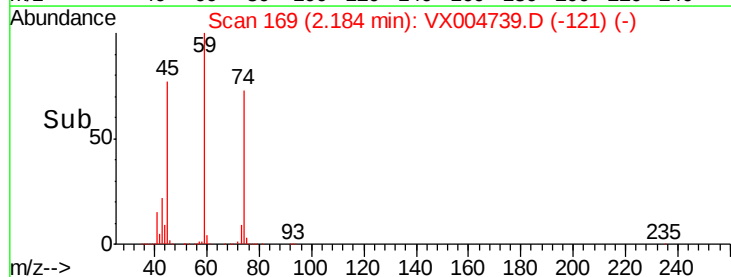
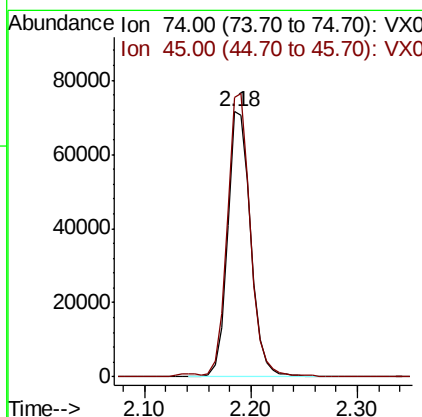
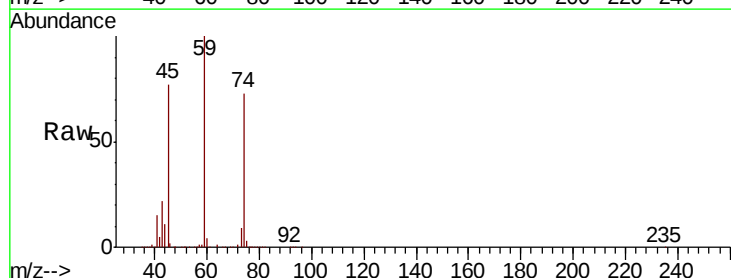
MMDadoda
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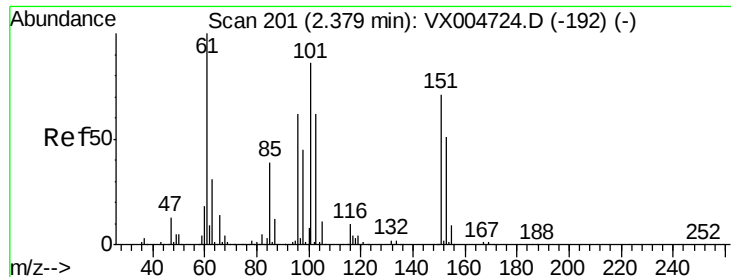


#8

Diethyl Ether
Concen: 53.219 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	108992		
45	105.2	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.281 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004739.D

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Instrument :

MSVOA_X

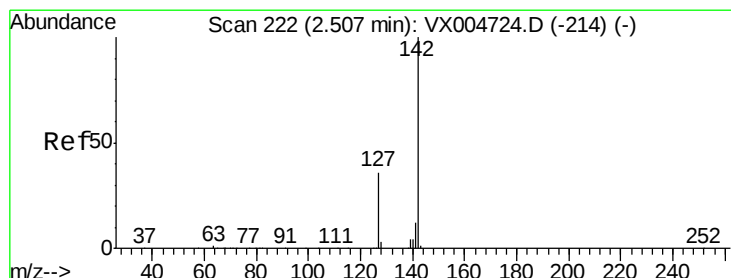
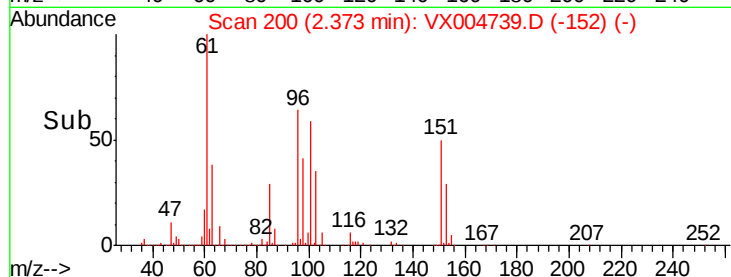
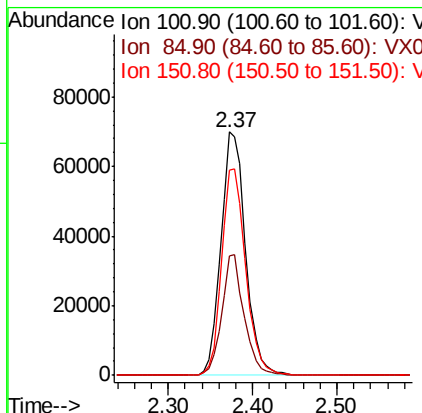
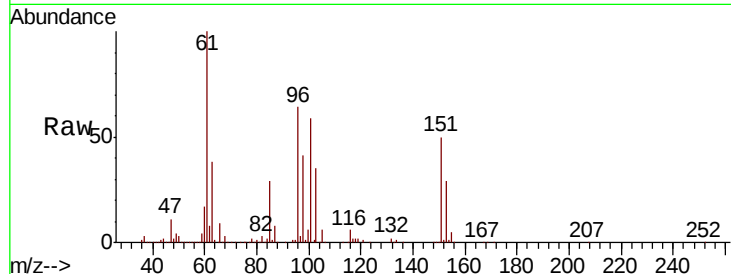
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	140391
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.2	51.4
151	83.2	65.0	97.6

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#10

Methyl Iodide

Concen: 55.249 ug/l

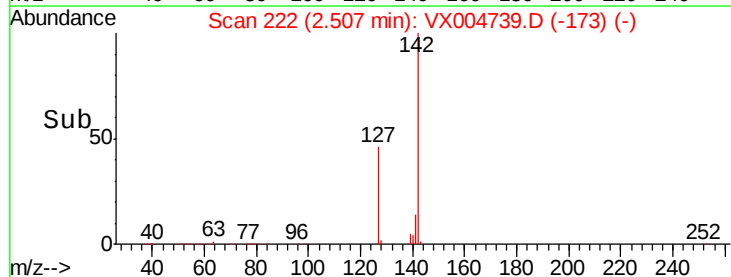
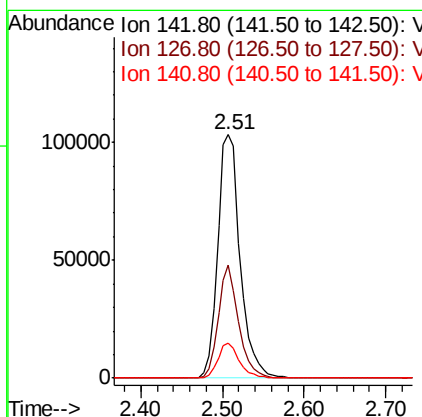
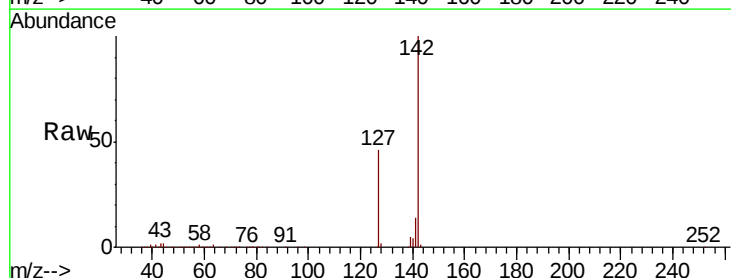
RT: 2.51 min Scan# 222

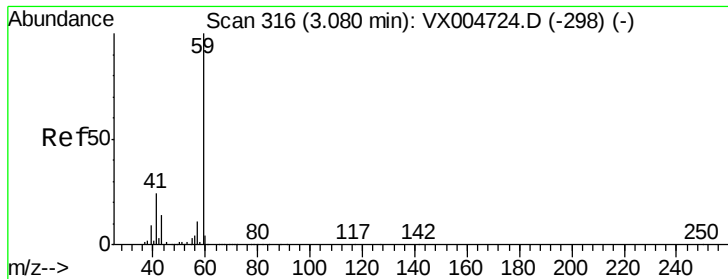
Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Tgt Ion:	142	Resp:	198531
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.8	50.6
141	13.7	11.4	17.0





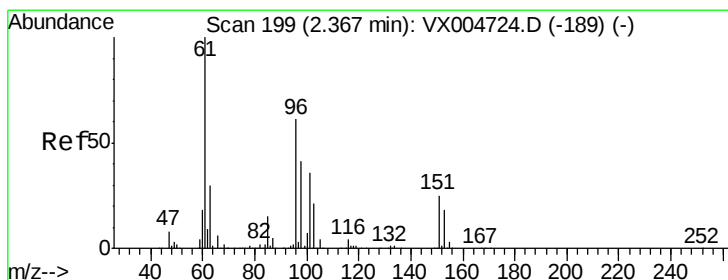
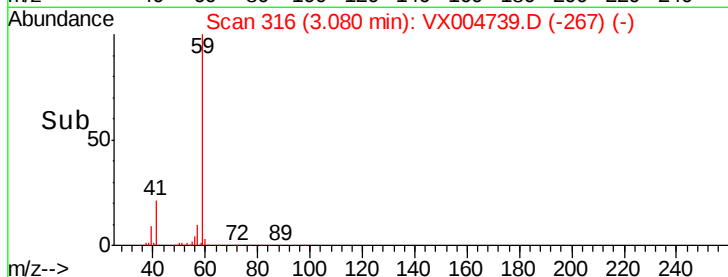
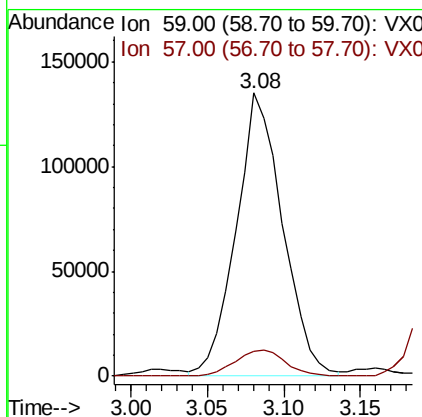
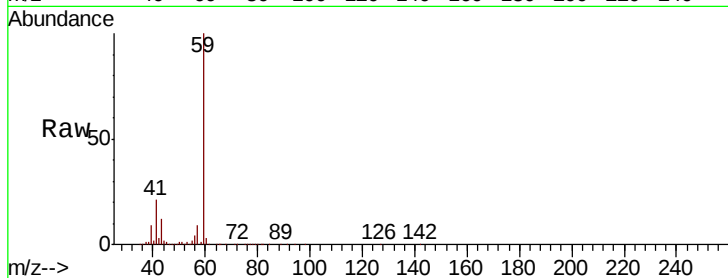
#11
Tert butyl alcohol
Concen: 290.944 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

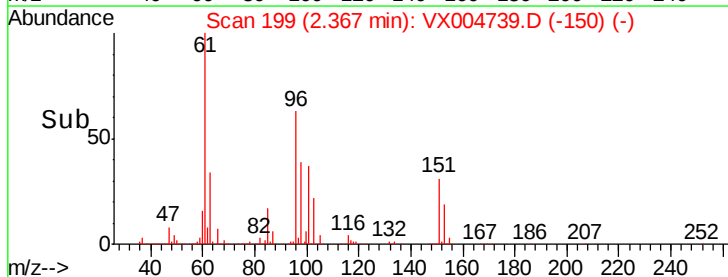
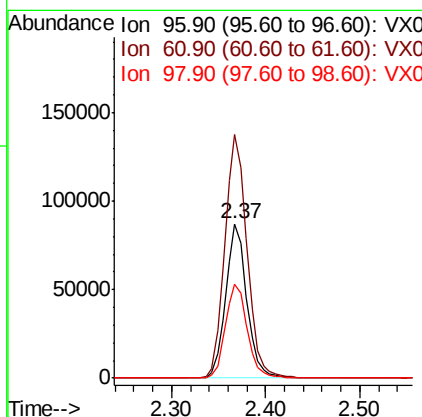
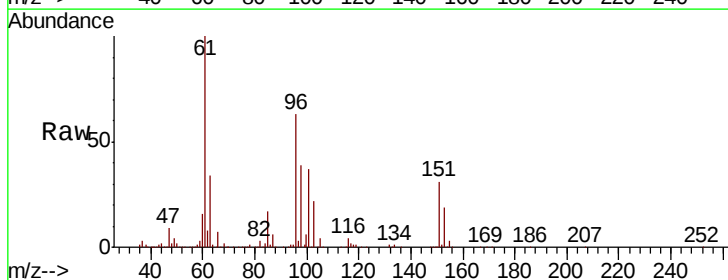
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 50.871 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.0	128.8	193.2
98	61.3	52.2	78.2





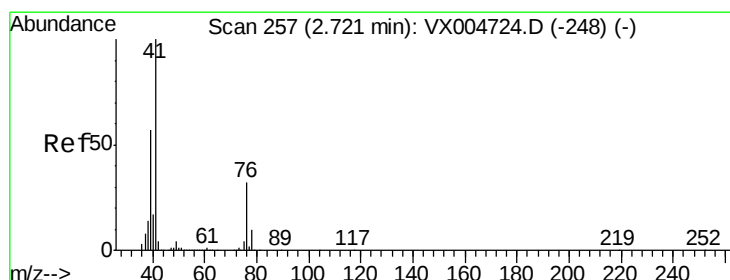
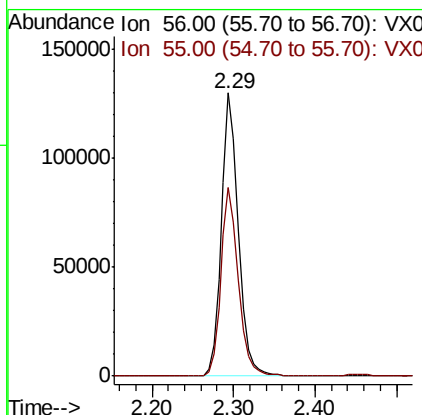
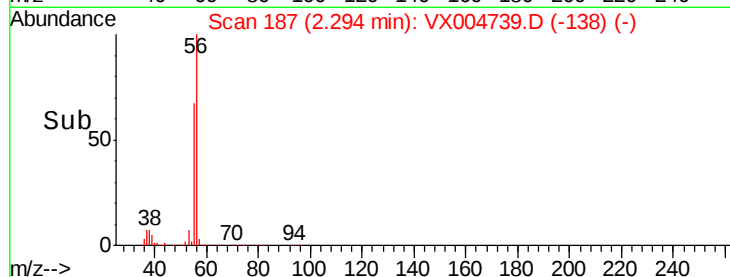
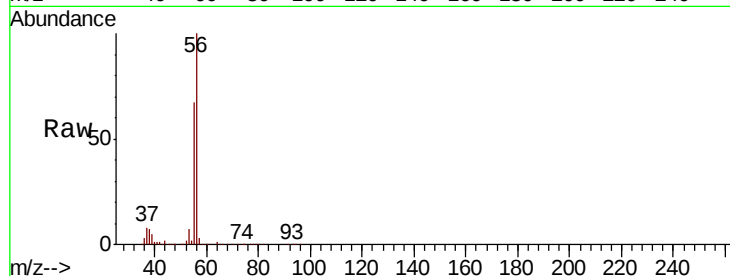
#13
Acrolein
Concen: 270.518 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.0	54.7	82.1

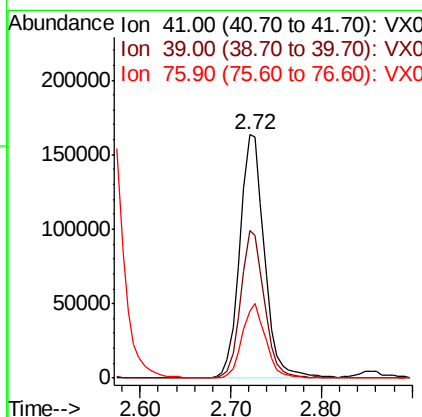
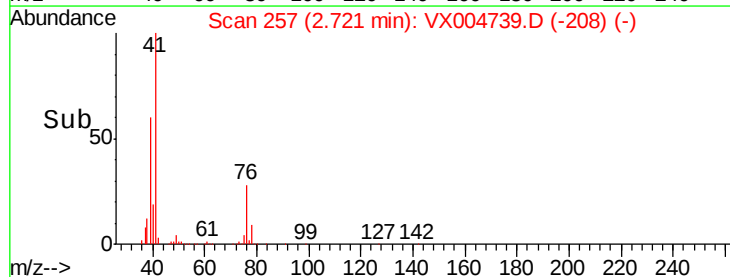
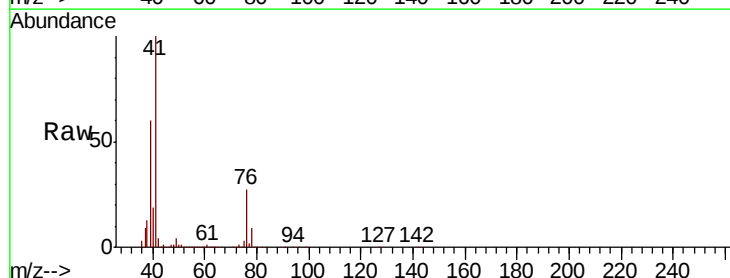
Manual Integrations
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#14
Allyl chloride
Concen: 52.998 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.0	48.9	73.3
76	28.5	26.7	40.1





#15

Acrylonitrile

Concen: 284.199 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

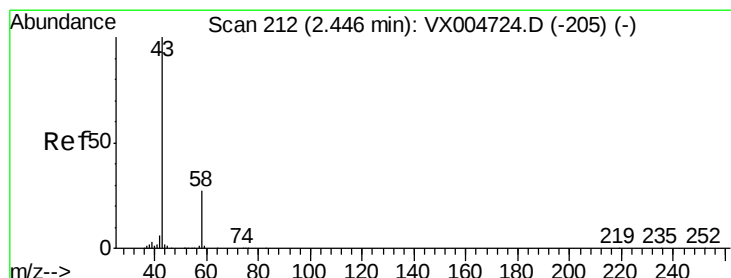
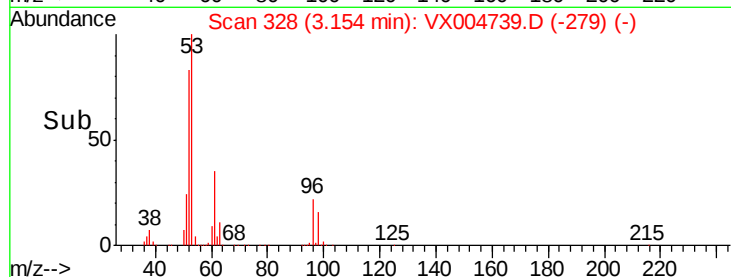
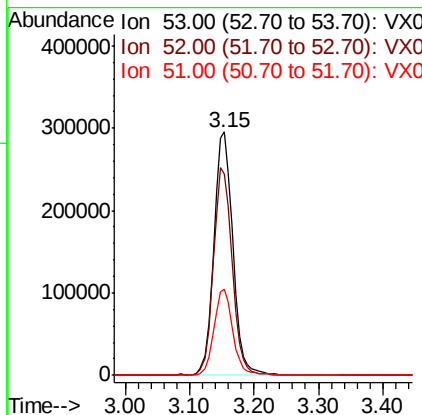
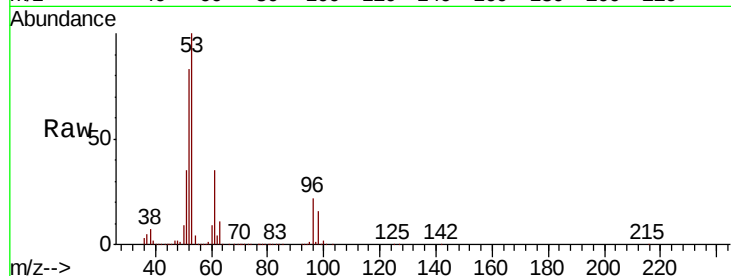
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	613322
Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.2	97.8
51	35.3	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 278.771 ug/l

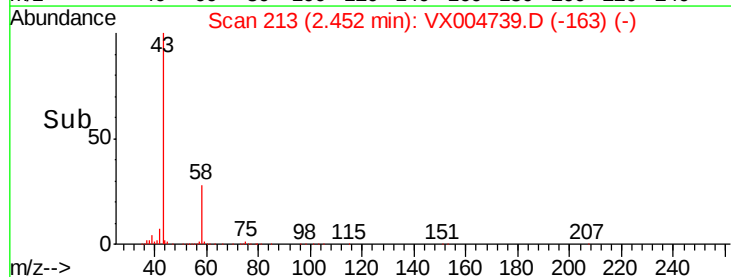
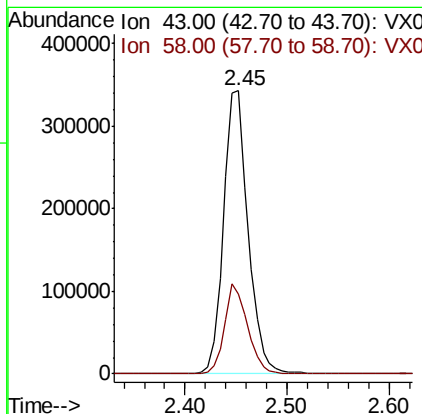
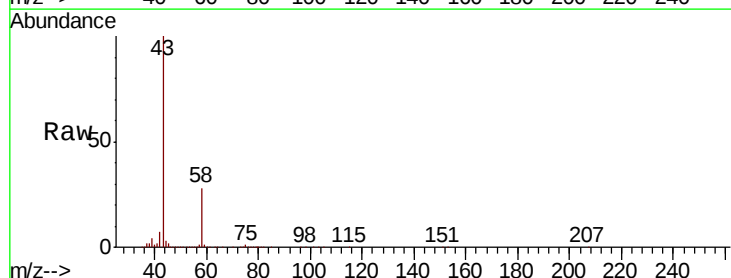
RT: 2.45 min Scan# 213

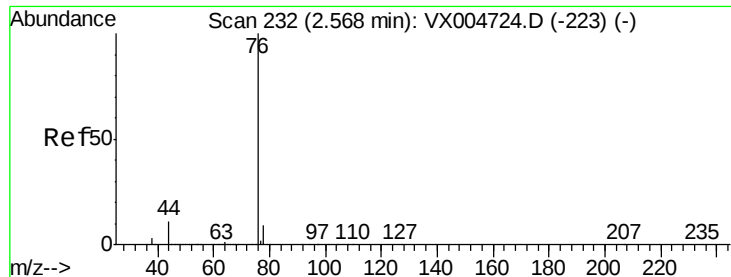
Delta R.T. 0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Tgt Ion:	43	Resp:	570617
Ion	Ratio	Lower	Upper
43	100		
58	28.3	26.2	39.4





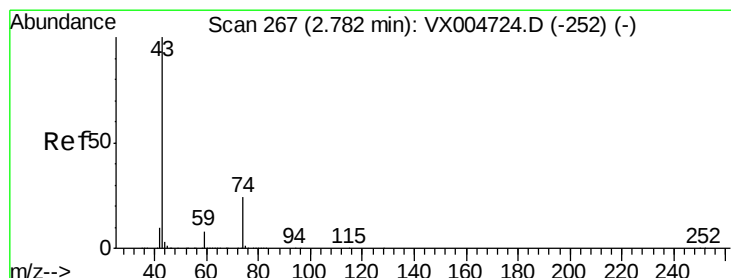
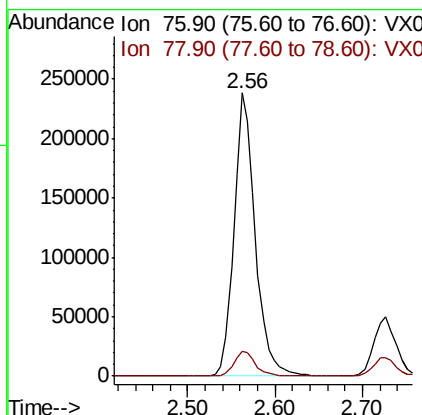
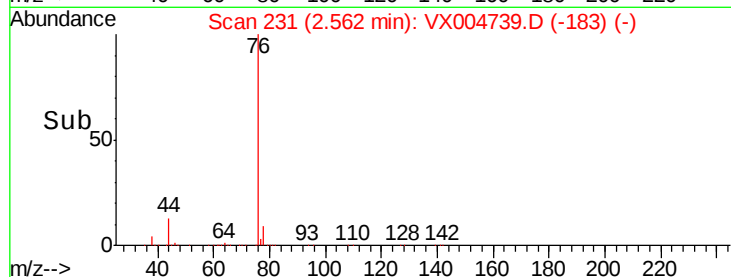
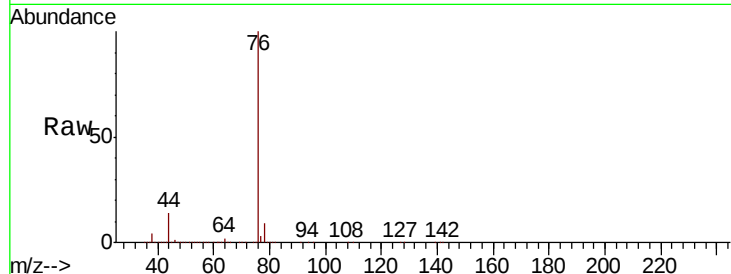
#17
Carbon Disulfide
Concen: 50.456 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

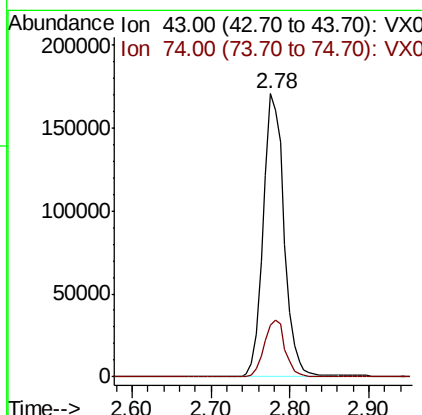
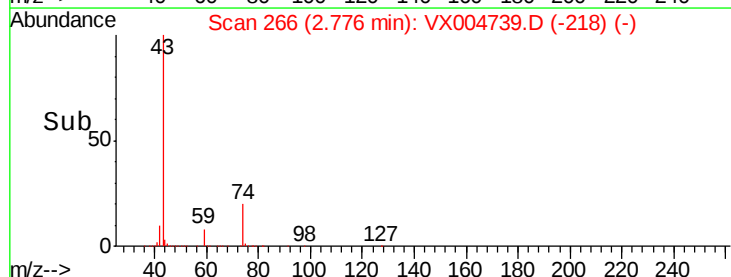
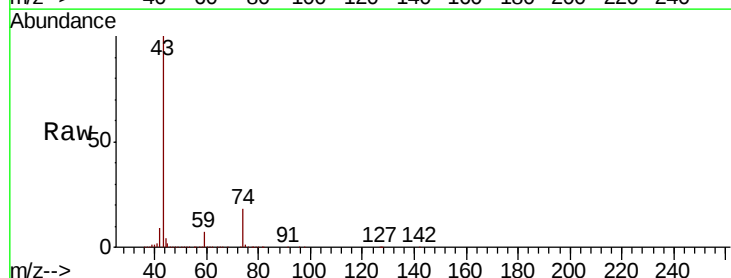
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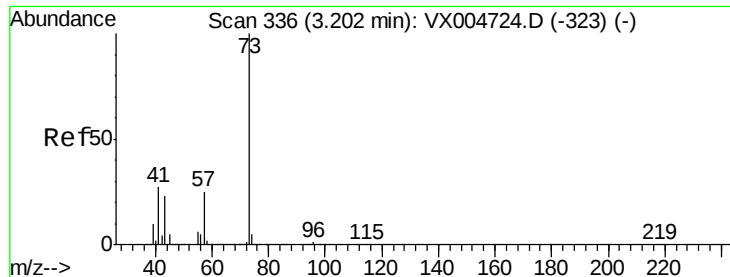
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#18
Methyl Acetate
Concen: 60.320 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.2	19.4	29.2





#19

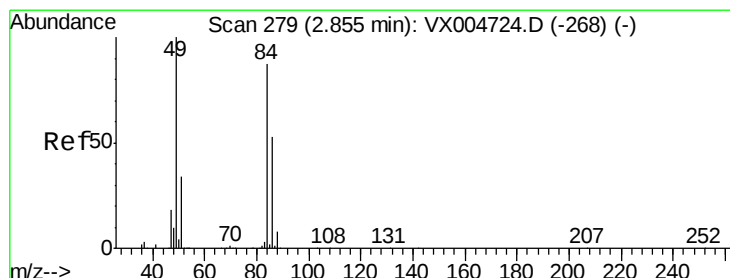
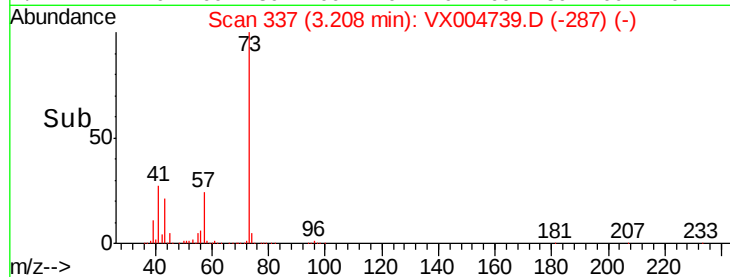
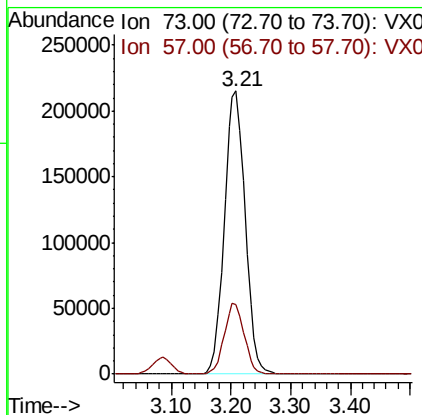
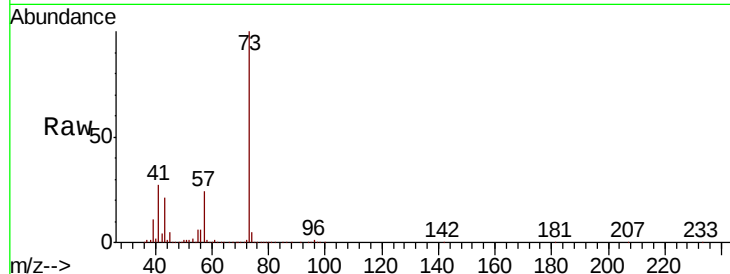
Methyl tert-butyl Ether
 Concen: 56.991 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.5	17.1	25.7

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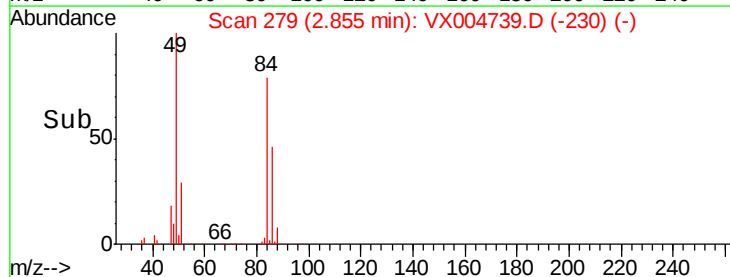
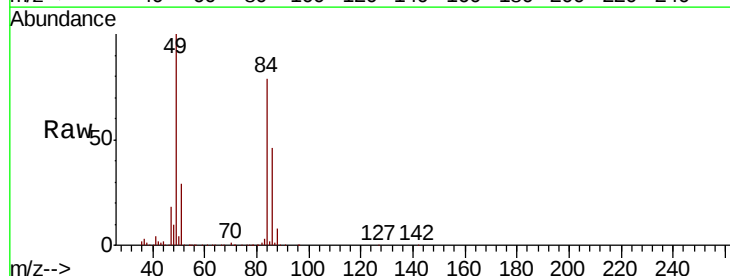
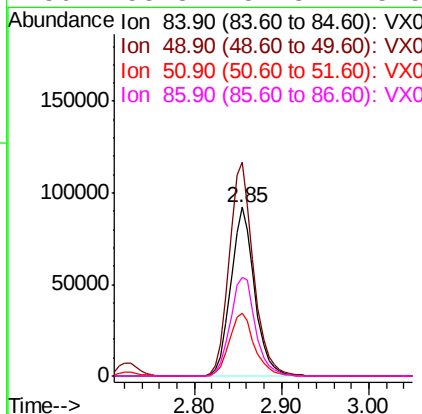
MMDadoda
 9/27/2018 12:50:35 PM

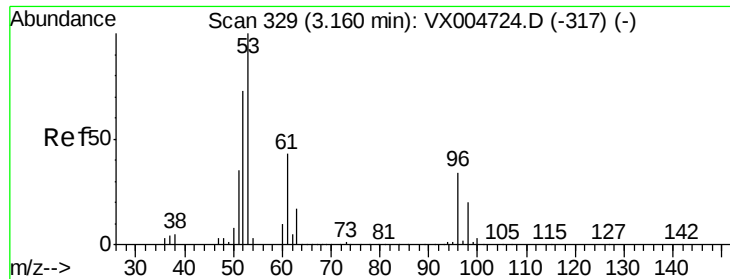


#20

Methylene Chloride
 Concen: 58.743 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.6	101.2	151.8
51	36.9	29.5	44.3
86	58.3	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 52.774 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

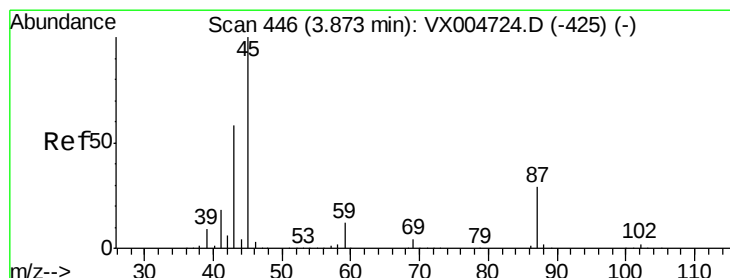
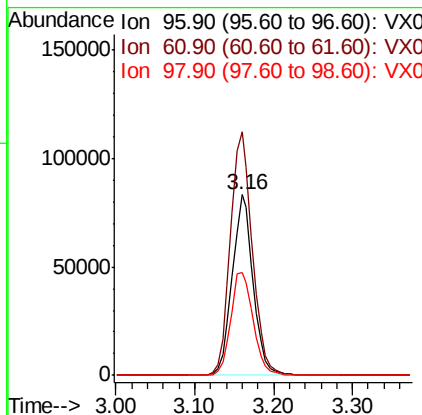
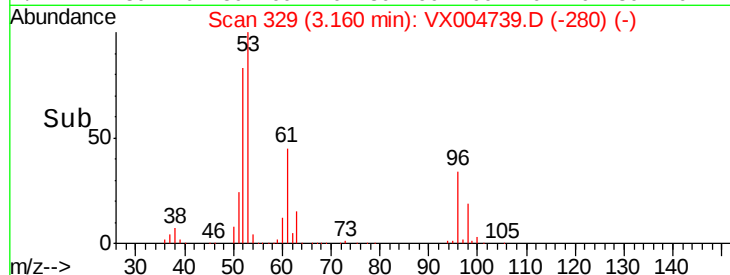
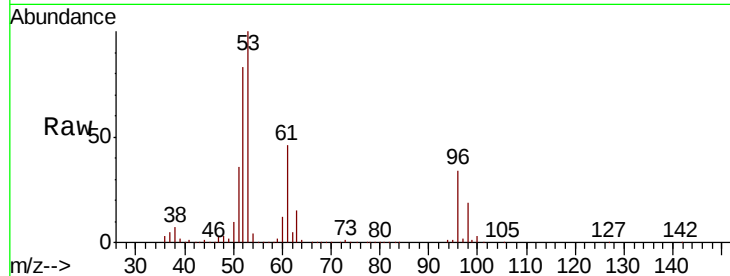
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	153635
Ion	Ratio	Lower	Upper
96	100		
61	134.9	113.8	170.6
98	56.9	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 59.642 ug/l

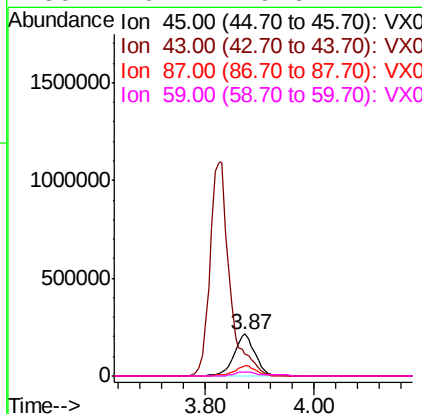
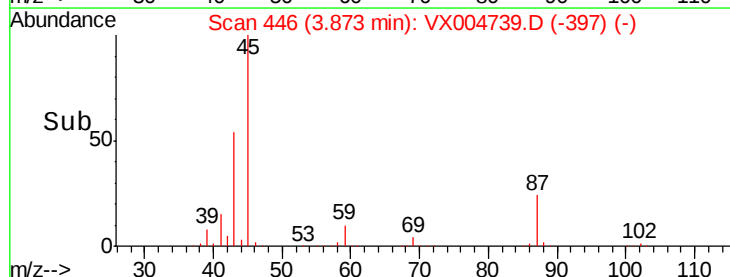
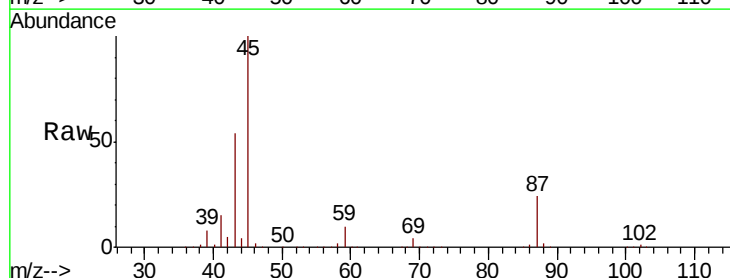
RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Tgt Ion:	45	Resp:	582757
Ion	Ratio	Lower	Upper
45	100		
43	53.4	42.8	64.2
87	23.6	22.6	34.0
59	10.2	9.6	14.4





#23

Vinyl Acetate

Concen: 307.333 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2748771

Ion Ratio Lower Upper

43 100

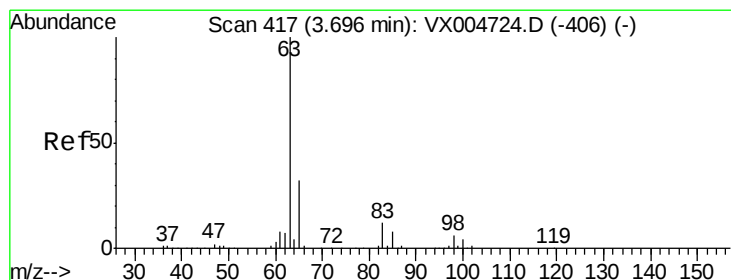
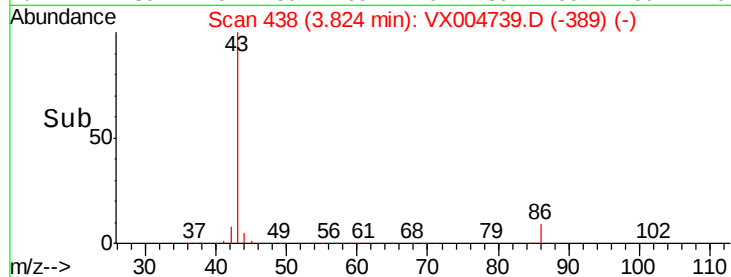
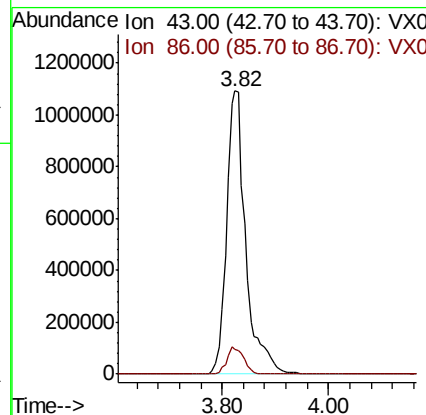
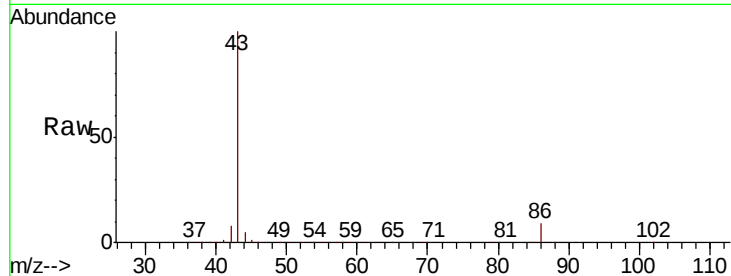
86 8.7 8.9 13.3#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.976 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

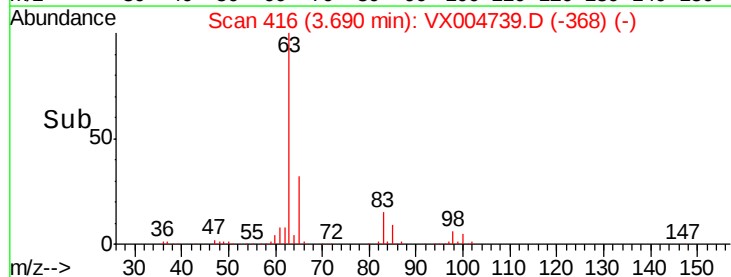
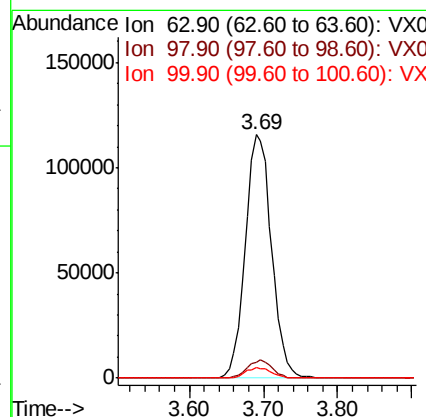
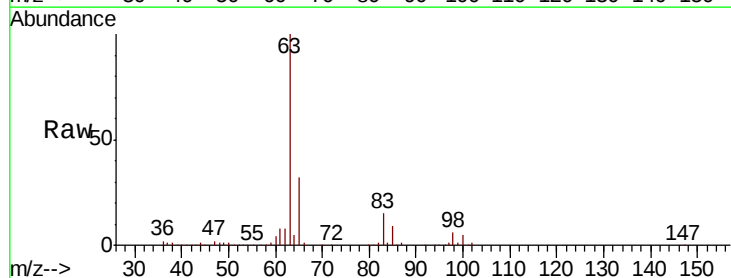
Tgt Ion: 63 Resp: 285458

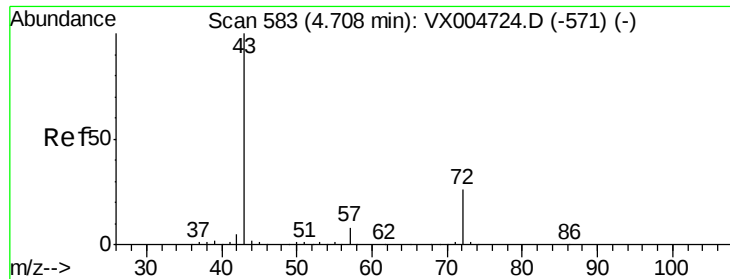
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 302.532 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 912798

Ion Ratio Lower Upper

43 100

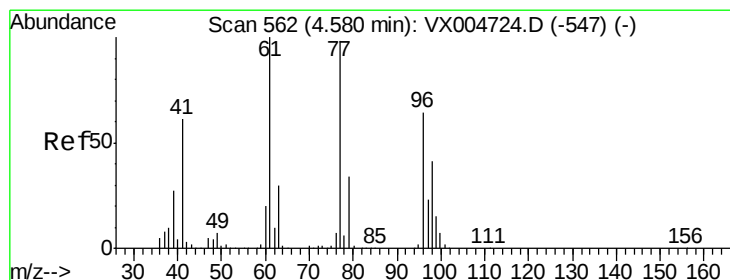
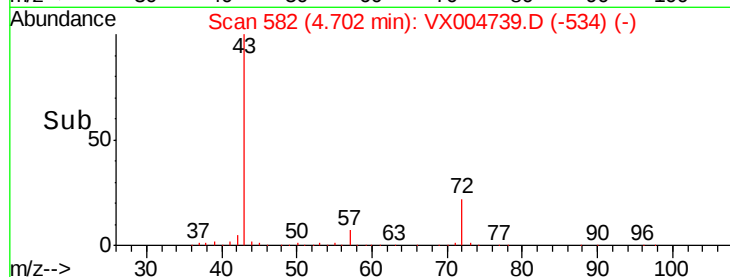
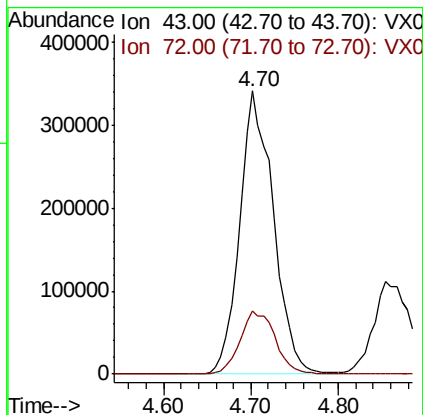
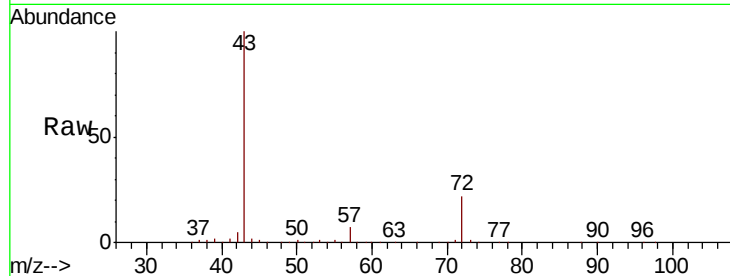
72 22.4 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.614 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004739.D

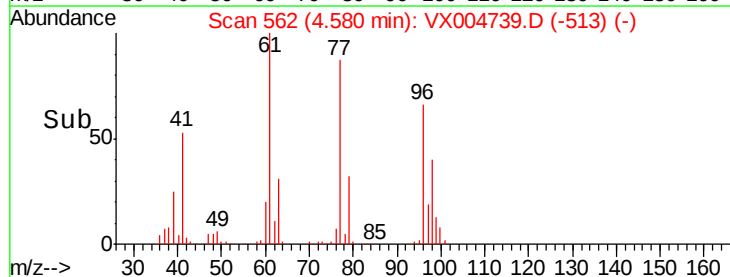
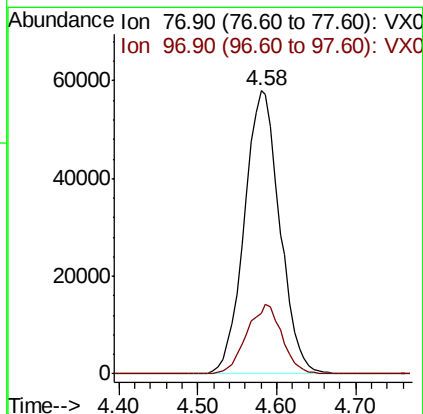
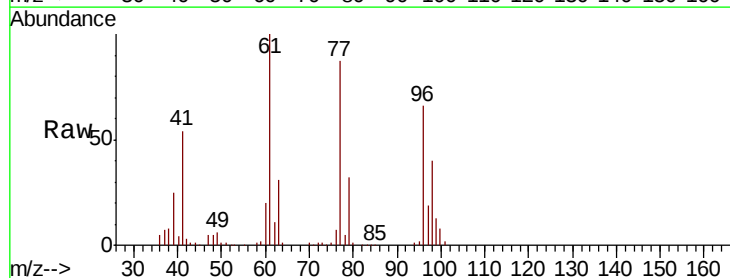
Acq: 26 Sep 2018 22:24

Tgt Ion: 77 Resp: 181077

Ion Ratio Lower Upper

77 100

97 24.5 11.7 35.0





#27

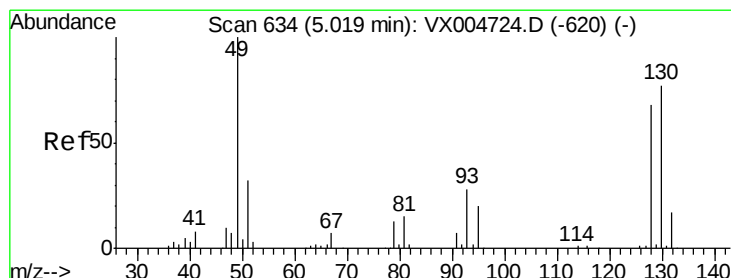
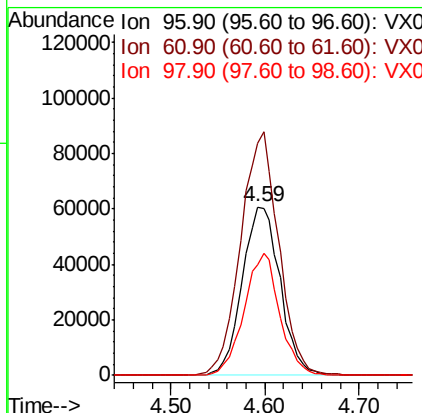
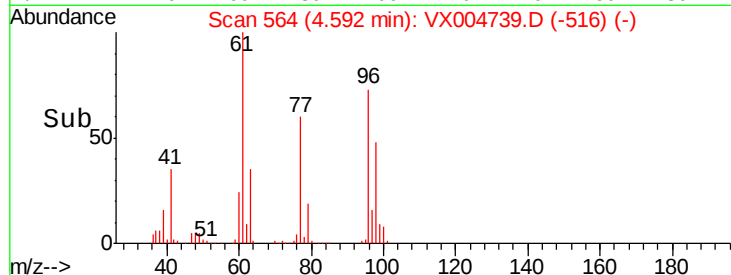
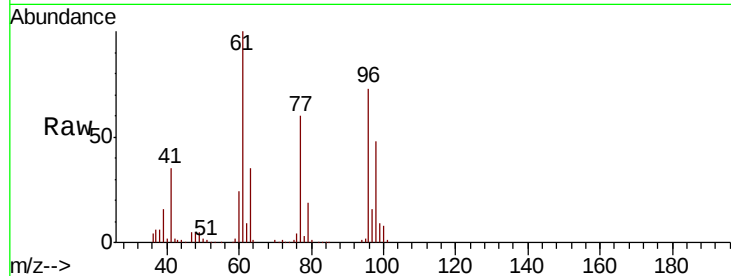
cis-1,2-Dichloroethene
Concen: 52.723 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	171465		
61	145.0	0.0	282.6	
98	68.1	0.0	130.2	

Manual Integrations
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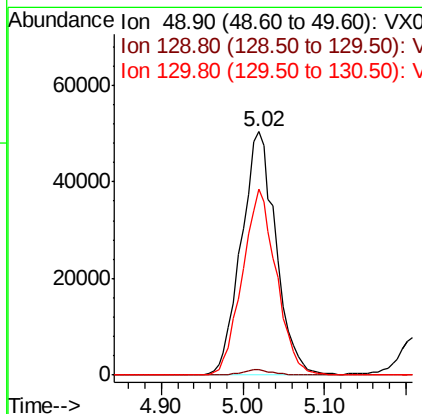
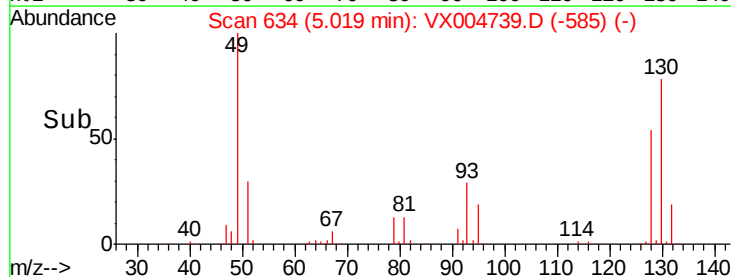
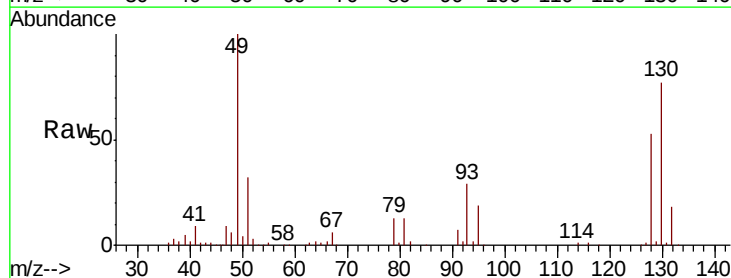
MMDadoda
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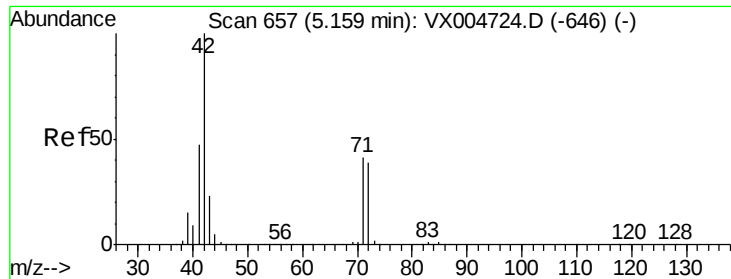


#28

Bromochloromethane
Concen: 54.130 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	148570		
129	2.0	0.0	4.2	
130	75.0	67.5	101.3	





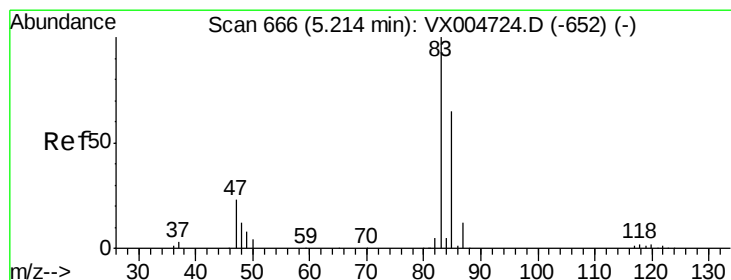
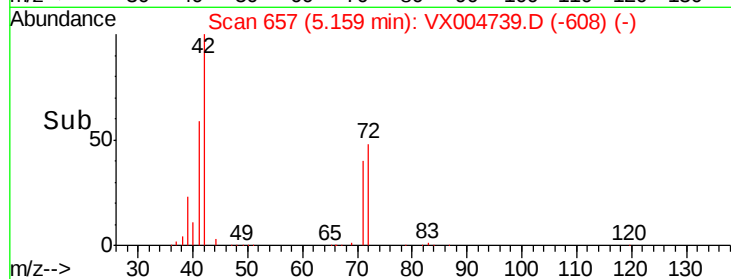
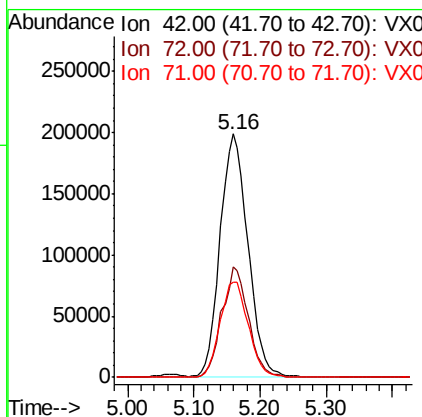
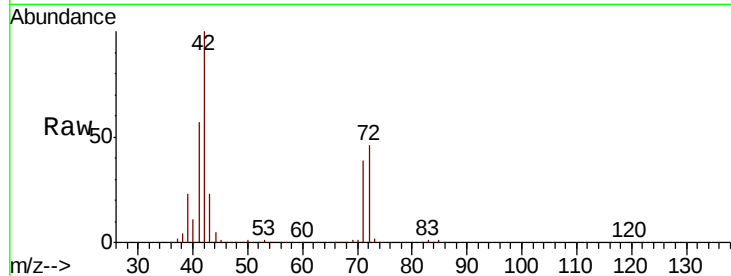
#29
Tetrahydrofuran
Concen: 308.247 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	37.4	56.0
71	40.0	34.5	51.7

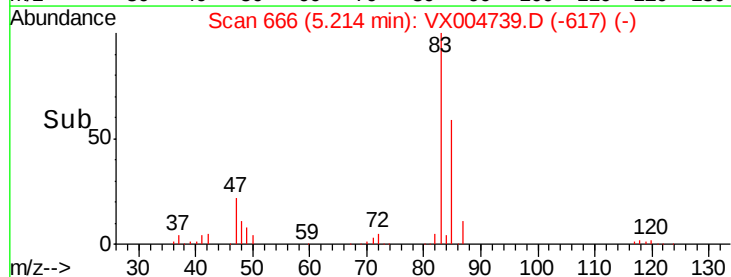
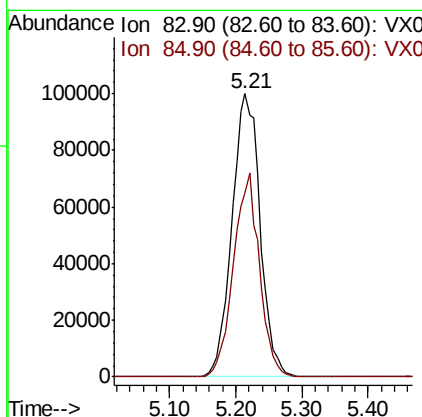
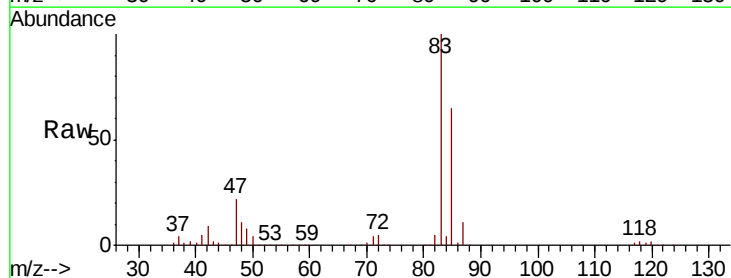
Manual Integrations
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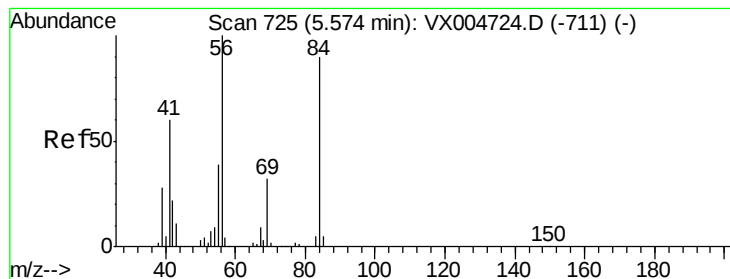
MMDadoda
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#30
Chloroform
Concen: 53.434 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.6	79.0





#31

Cyclohexane

Concen: 58.667 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 261710

Ion Ratio Lower Upper

56 100

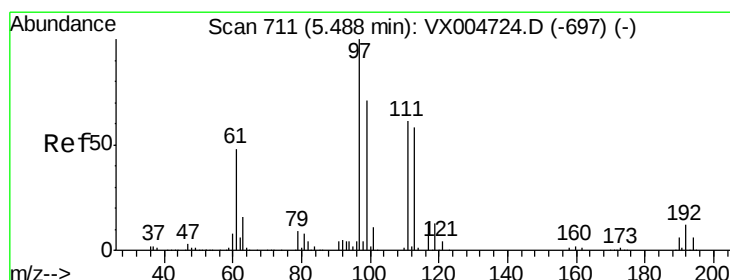
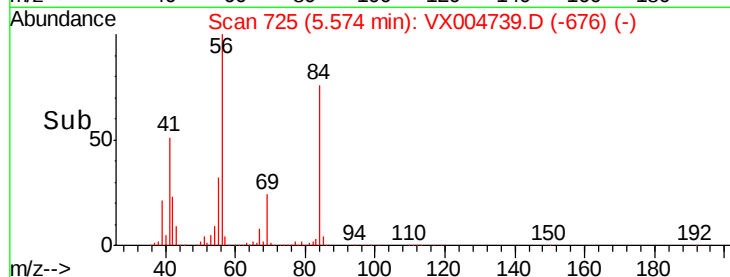
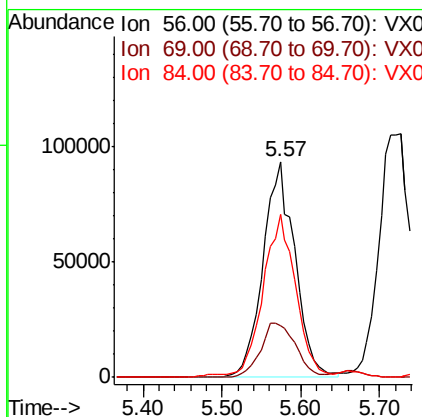
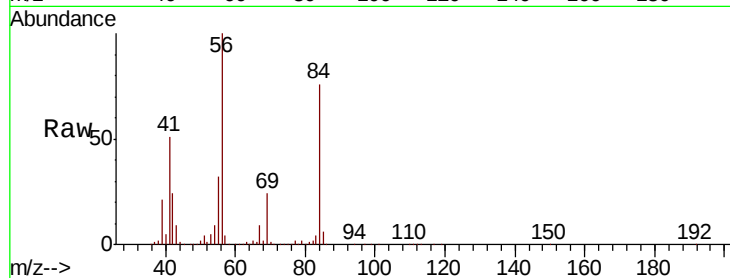
69 24.1 25.4 38.2#

84 75.3 71.4 107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.663 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

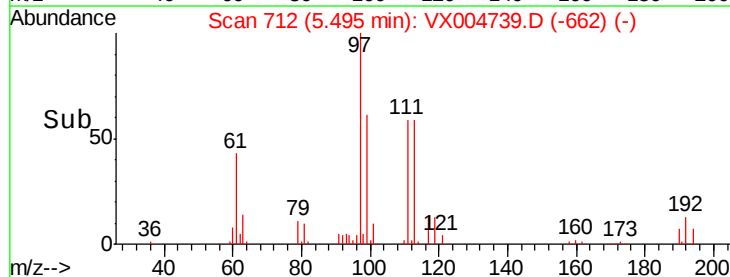
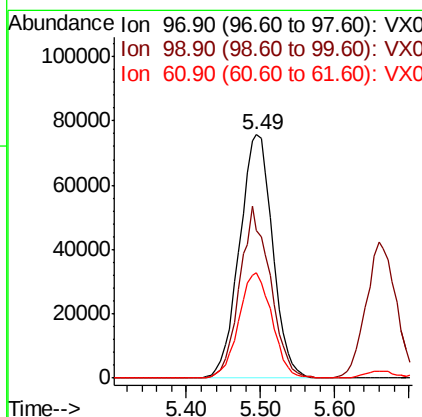
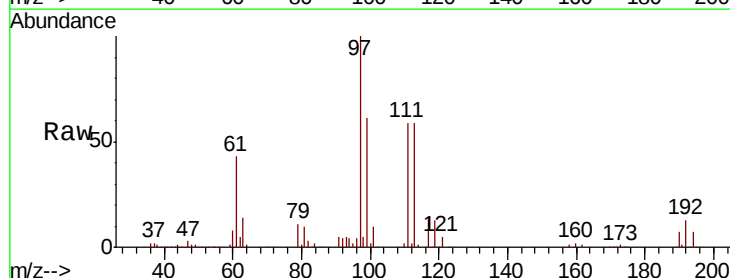
Tgt Ion: 97 Resp: 236915

Ion Ratio Lower Upper

97 100

99 64.9 52.0 78.0

61 43.6 34.9 52.3





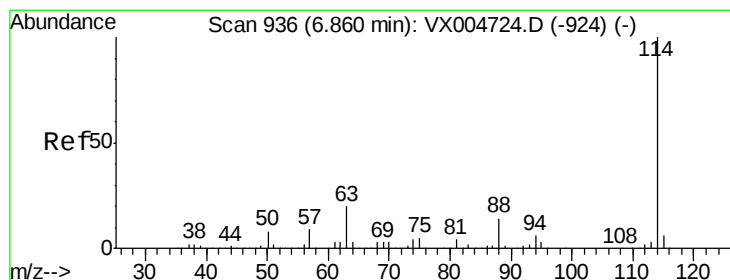
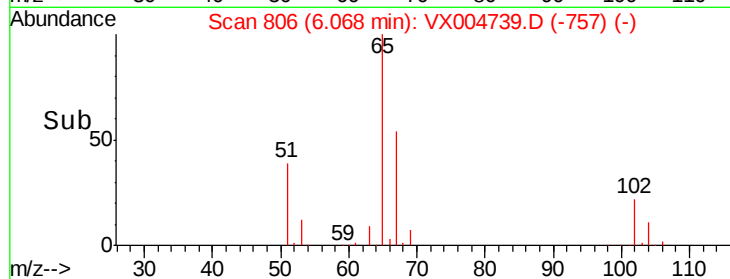
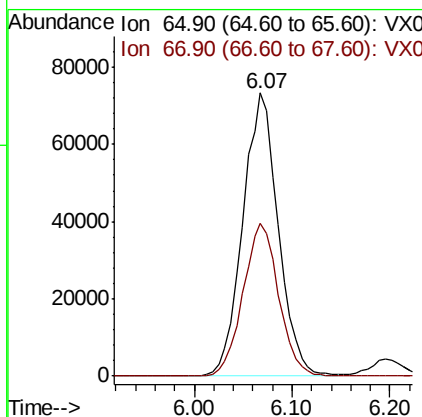
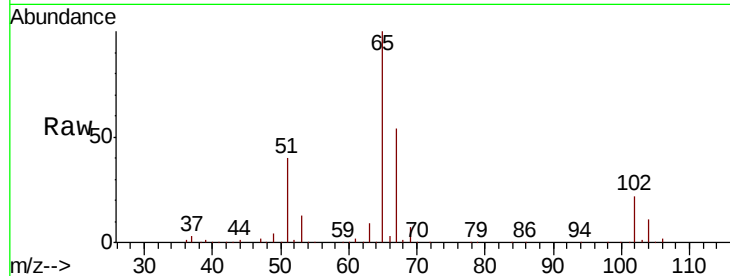
#33
 1,2-Dichloroethane-d4
 Concen: 52.618 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	184481		
67	54.4	0.0	106.8	

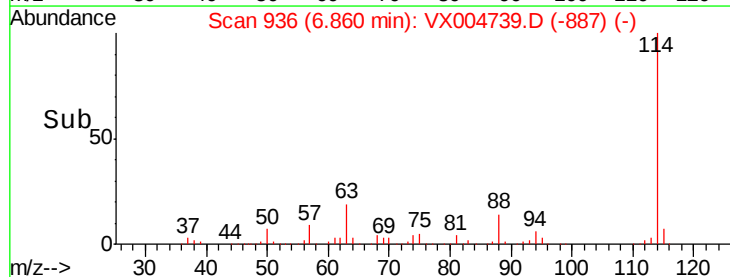
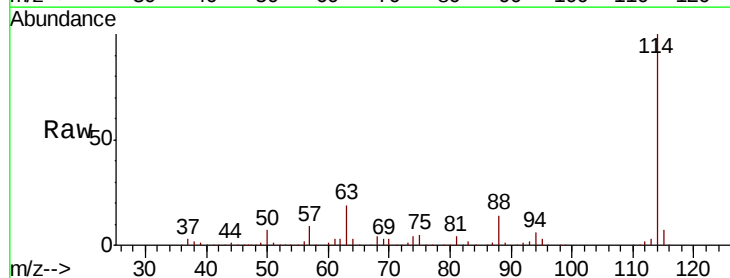
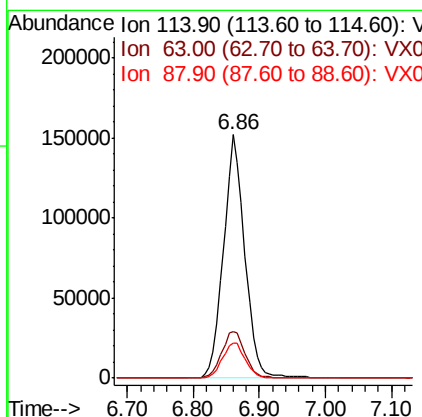
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	338776		
63	19.3	0.0	39.0	
88	14.4	0.0	30.4	





#35

Dibromofluoromethane

Concen: 51.220 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

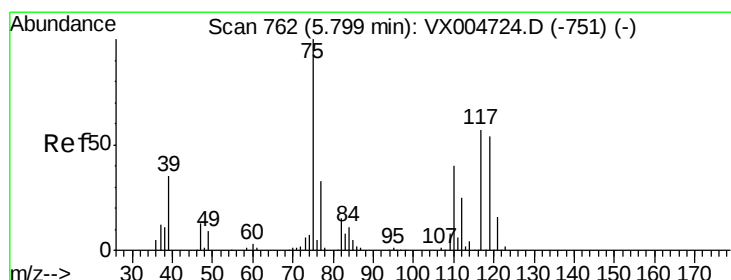
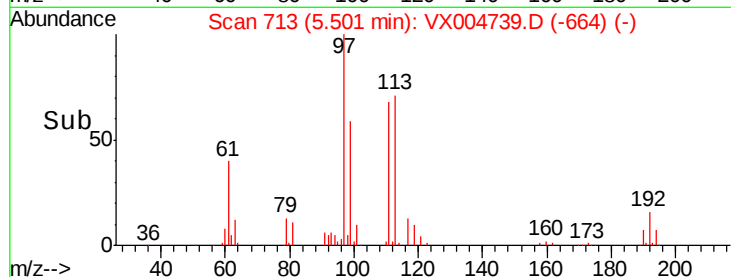
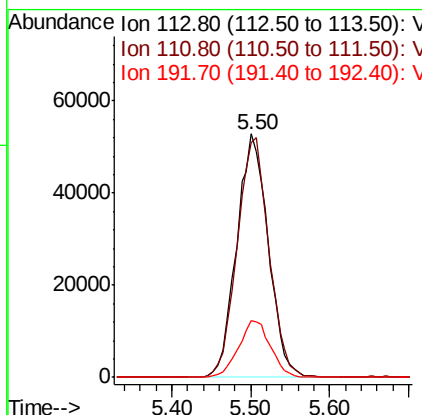
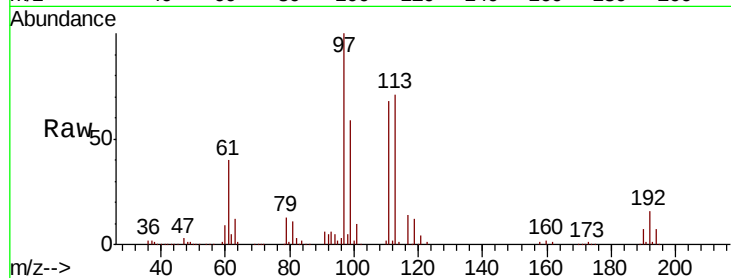
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	147060
Ion Ratio	Lower	Upper	
113	100		
111	99.2	82.4	123.6
192	23.4	19.4	29.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.523 ug/l

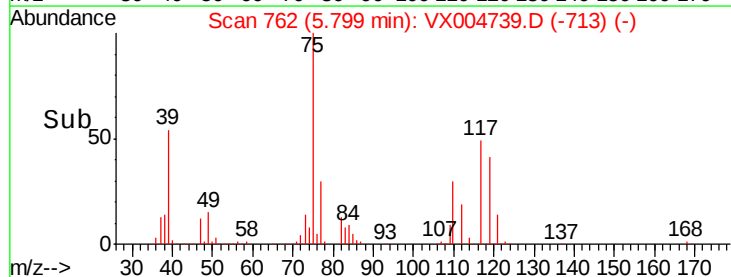
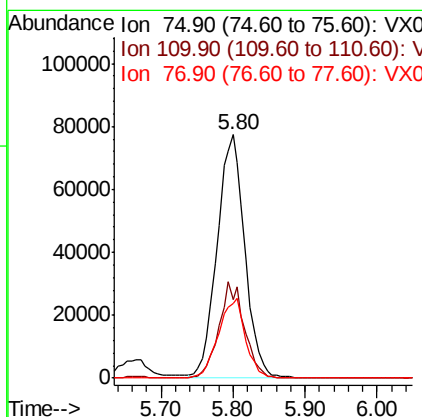
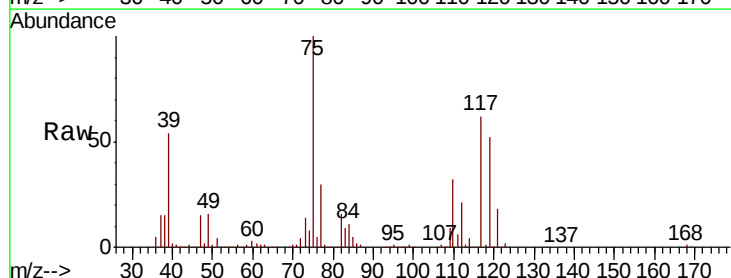
RT: 5.80 min Scan# 762

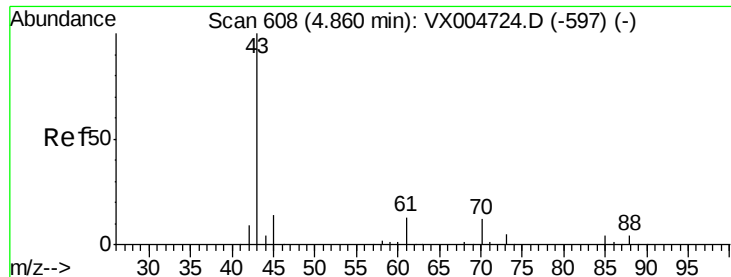
Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Tgt Ion:	75	Resp:	205752
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.0	54.0
77	32.4	24.6	36.8





#37

Ethyl Acetate

Concen: 62.631 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

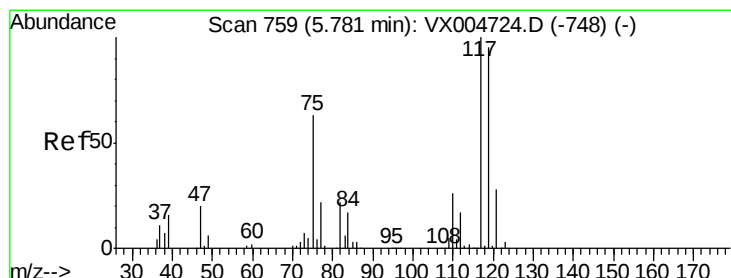
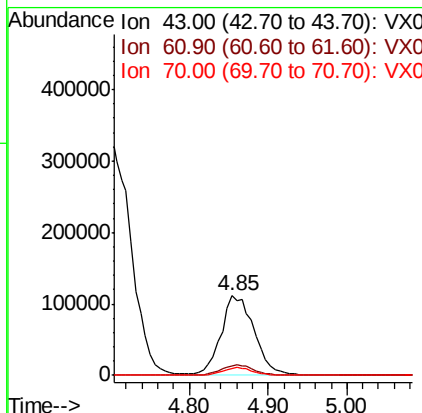
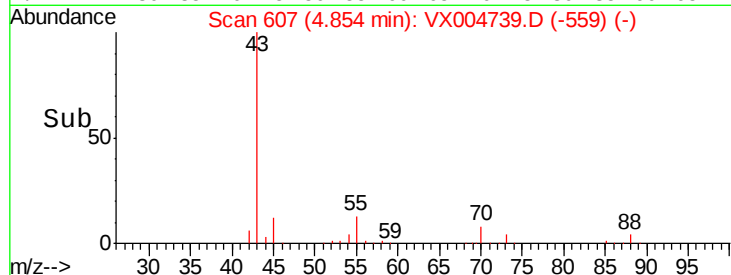
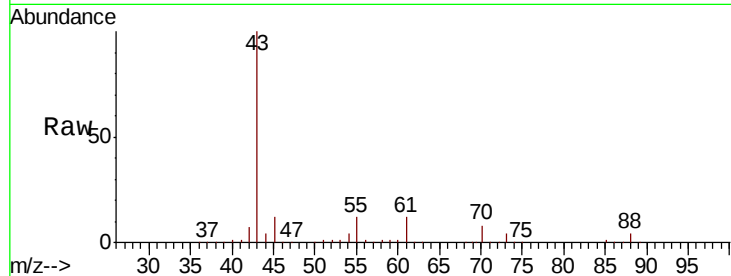
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	325675
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.5	17.3
70	9.2	9.0	13.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.162 ug/l

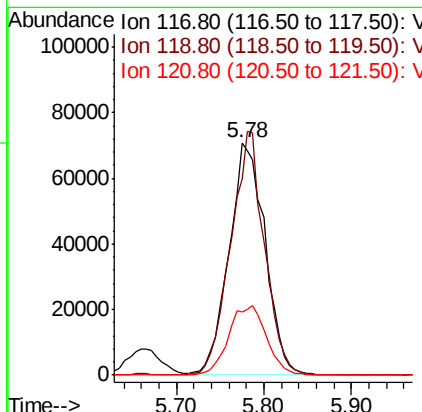
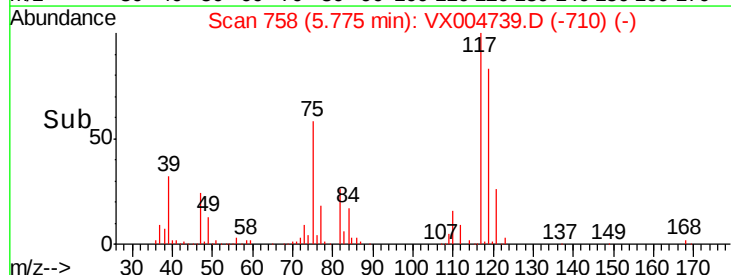
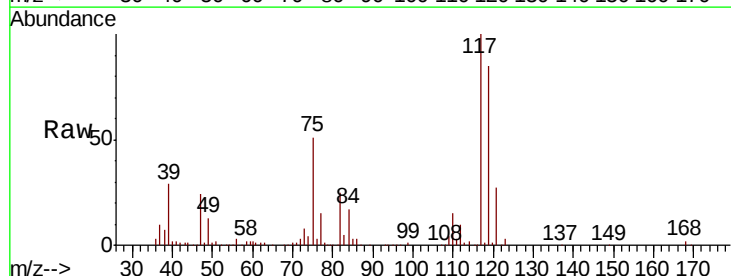
RT: 5.78 min Scan# 758

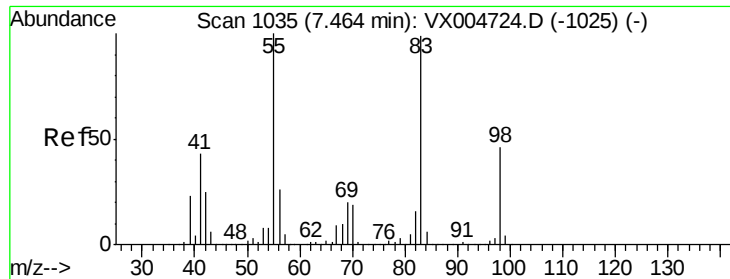
Delta R.T. -0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Tgt Ion:	117	Resp:	202439
Ion	Ratio	Lower	Upper
117	100		
119	84.7	78.8	118.2
121	27.1	24.9	37.3





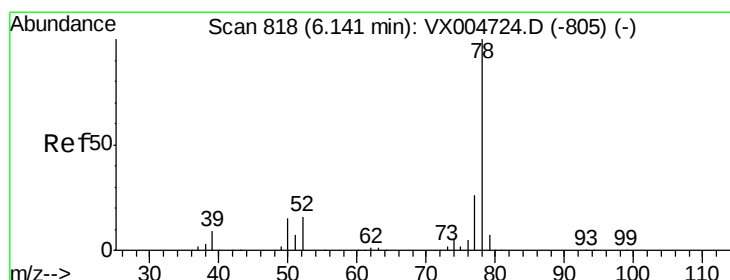
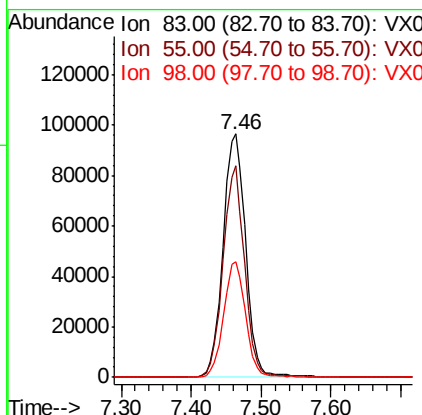
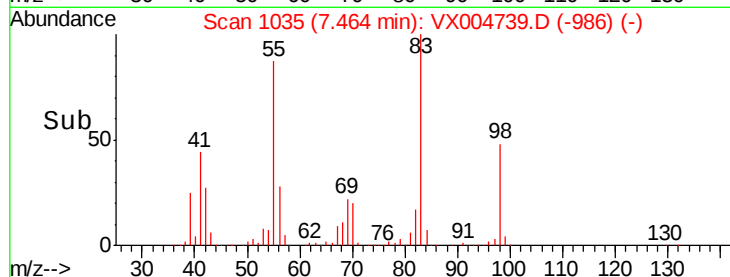
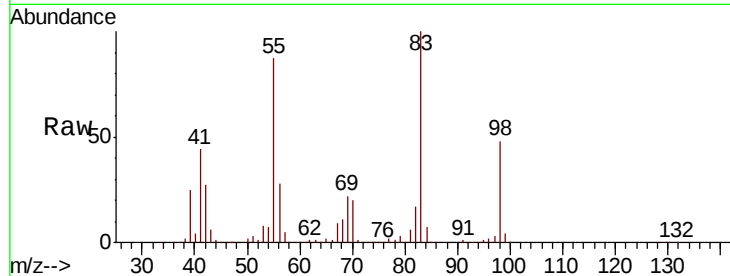
#39
Methvlcvclohexane
Concen: 54.307 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.8	61.0	91.4
98	47.6	39.6	59.4

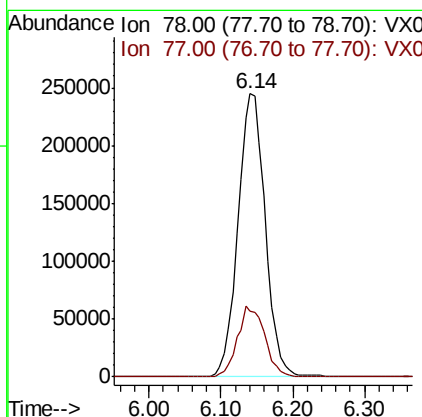
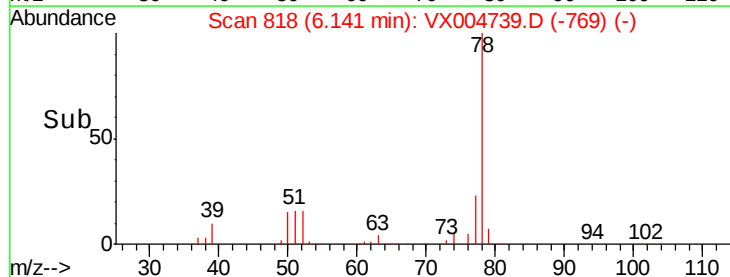
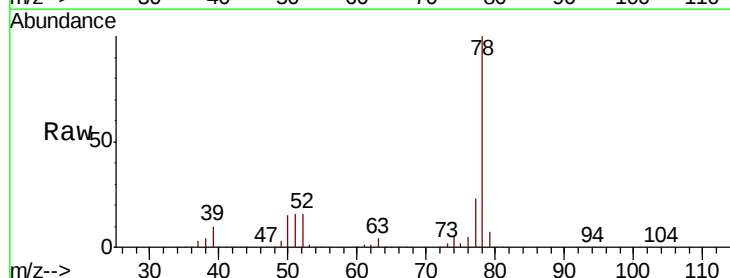
Manual Integrations
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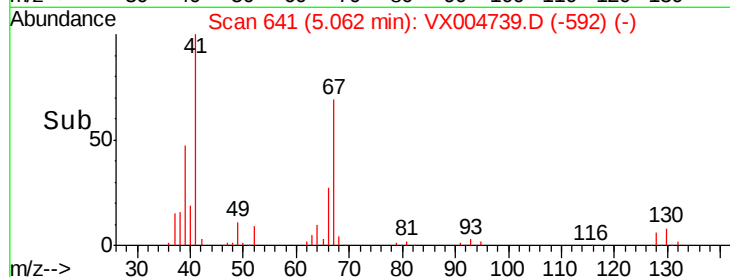
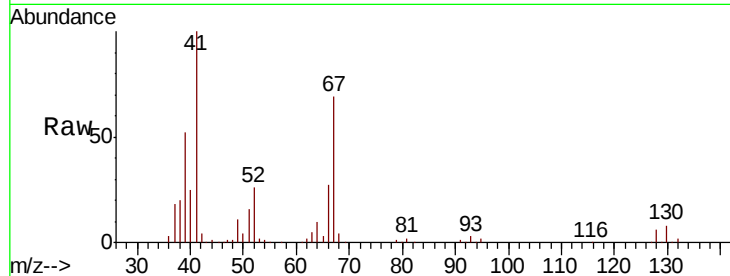
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#40
Benzene
Concen: 52.436 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





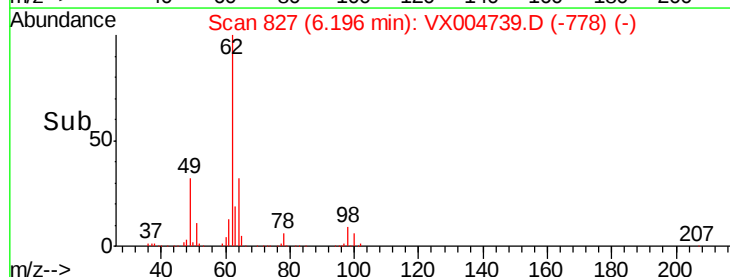
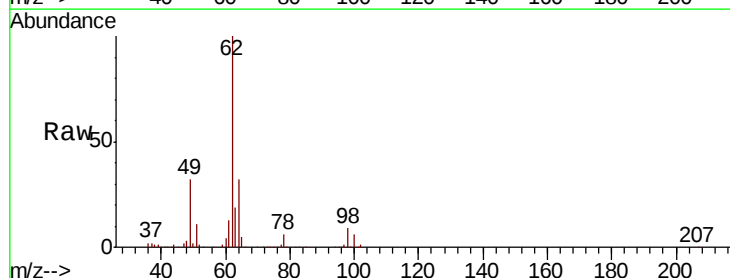
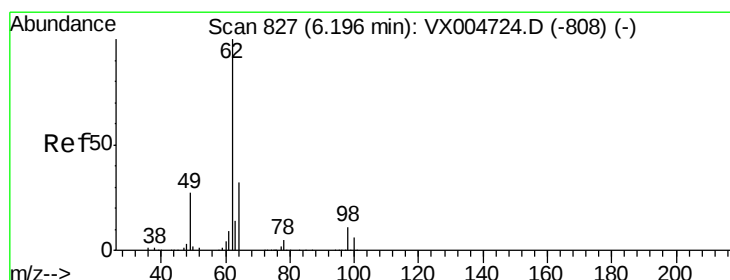
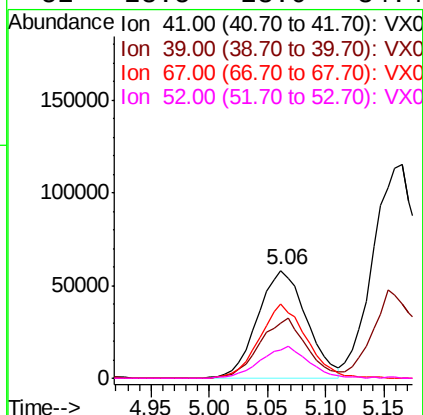
#41
Methacrylonitrile
Concen: 58.541 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		168818		
39	53.5	42.4	63.6		
67	66.3	59.2	88.8		
52	28.5	23.0	34.4		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

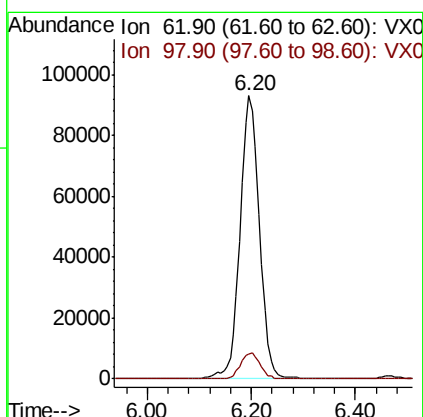
Manual Integrations
APPROVED

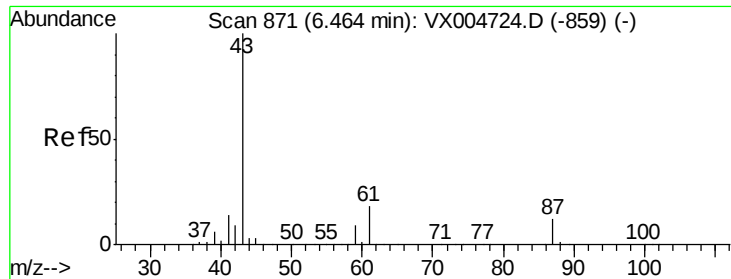
MMDadoda
9/27/2018 12:50:35 PM



#42
1,2-Dichloroethane
Concen: 55.377 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		240084		
98	9.3	0.0	20.6		





#43

Isopropyl Acetate

Concen: 60.367 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

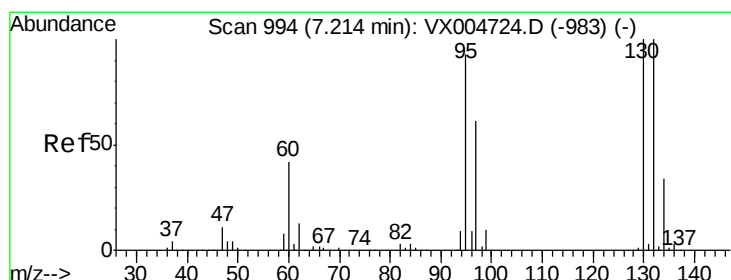
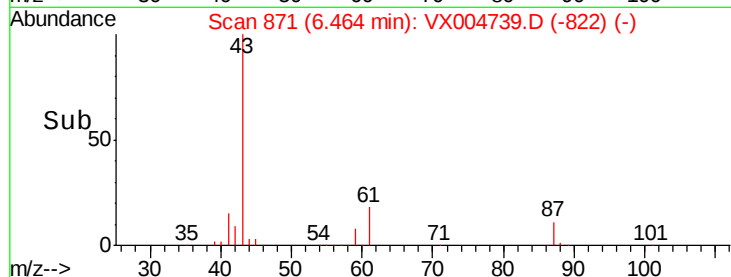
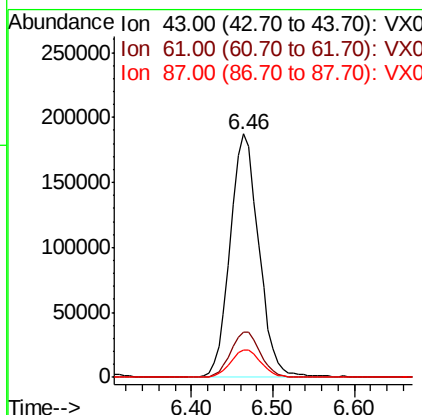
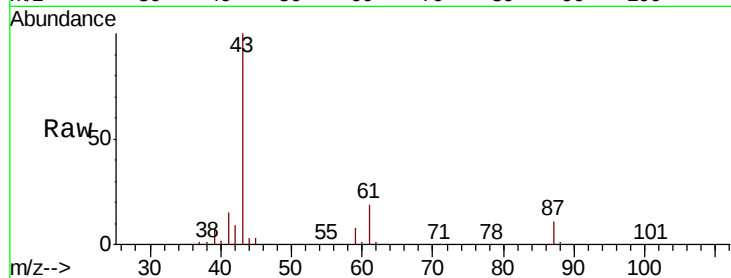
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	453066
Ion	Ratio	Lower	Upper
43	100		
61	19.5	17.0	25.4
87	12.0	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 51.389 ug/l

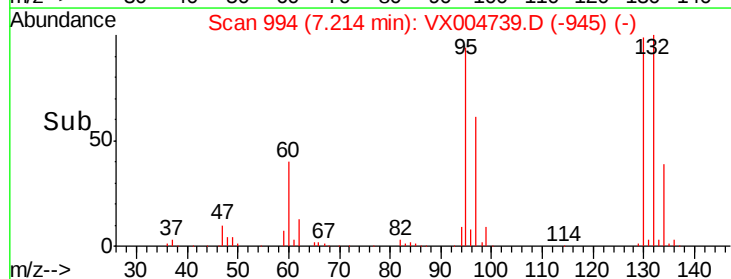
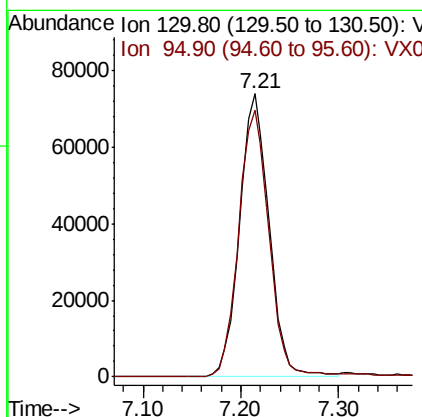
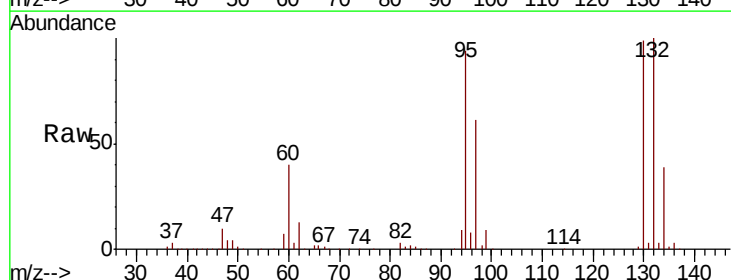
RT: 7.21 min Scan# 994

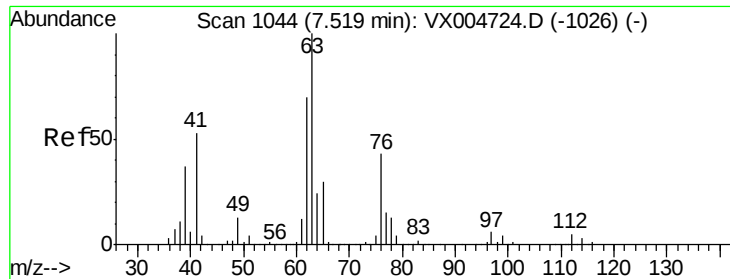
Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Tgt Ion:	130	Resp:	154932
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	181.6





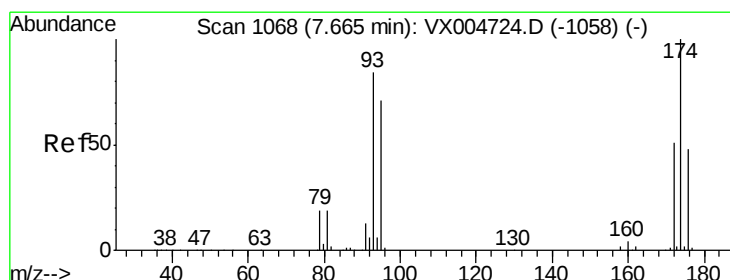
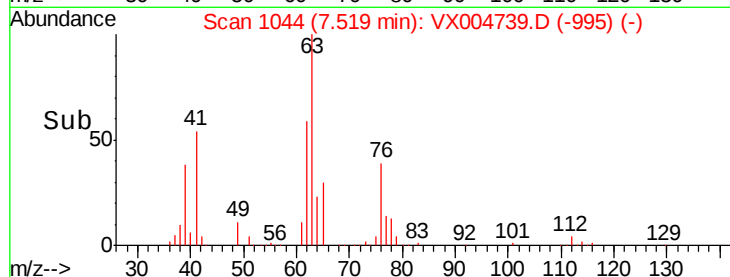
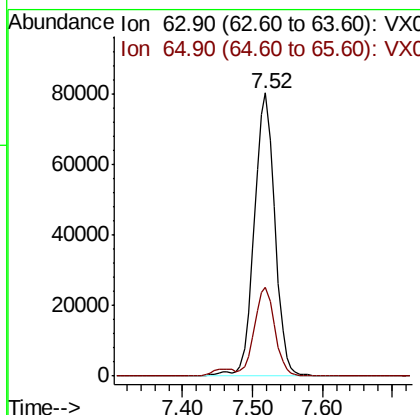
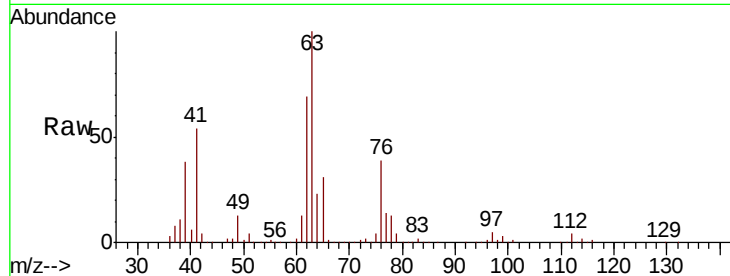
#45
 1,2-Dichloropropane
 Concen: 54.860 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 164991
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.3 36.5

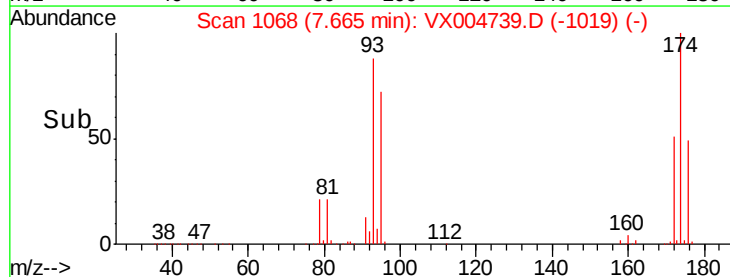
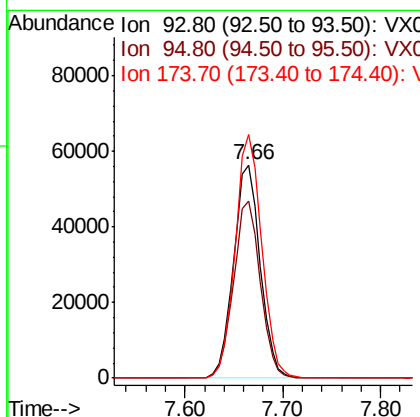
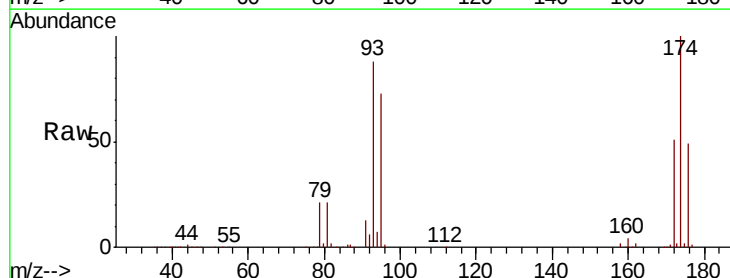
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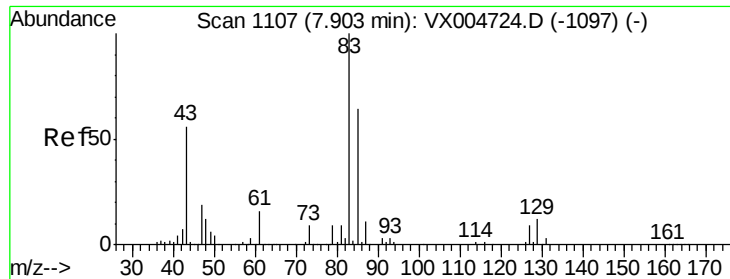
MMDadoda
 9/27/2018 12:50:35 PM



#46
 Dibromomethane
 Concen: 56.477 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion: 93 Resp: 106747
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.5 98.3
 174 114.0 94.2 141.4





#47

Bromodichloromethane

Concen: 57.059 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

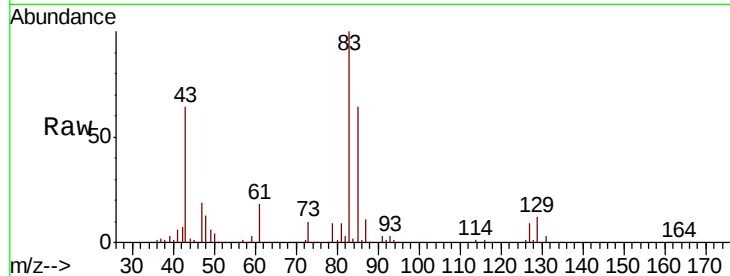
ClientSampleId :

VSTDCCC050

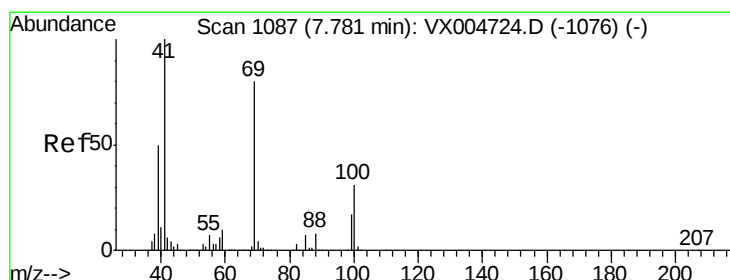
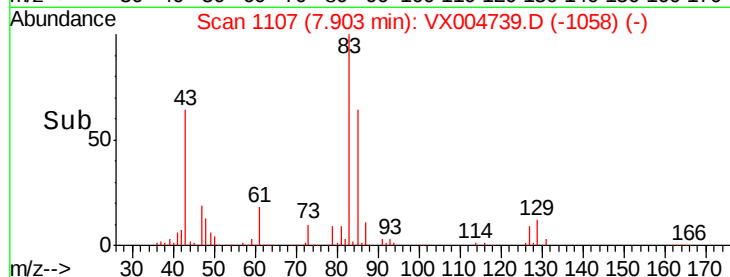
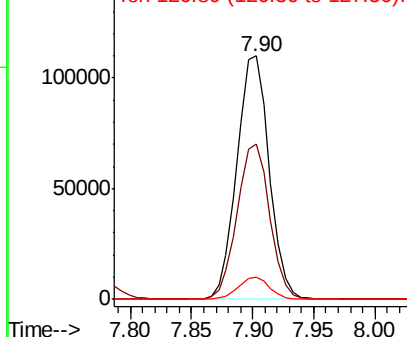
Tot Ion:	83	Resp:	201918
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.9	76.3
127	9.3	7.3	10.9

Manual Integrations
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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: 64.110 ug/l

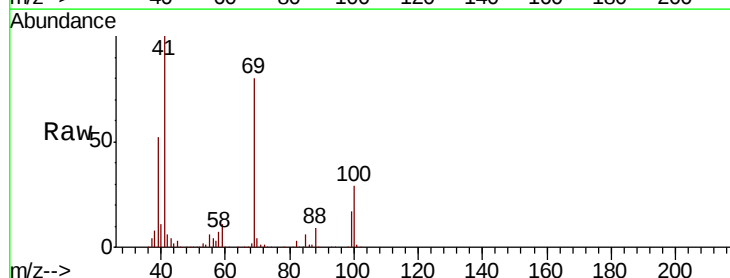
RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

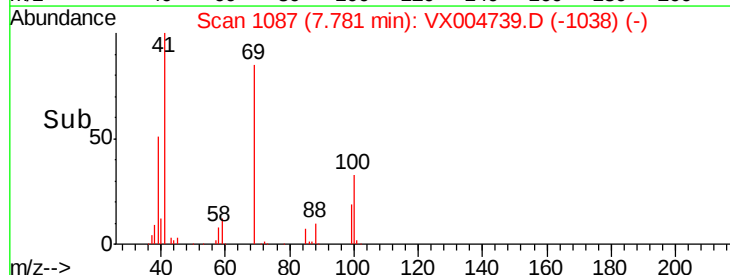
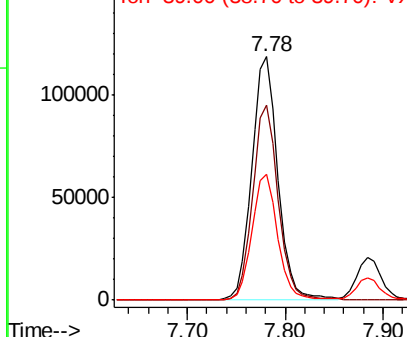
Lab File: VX004739.D

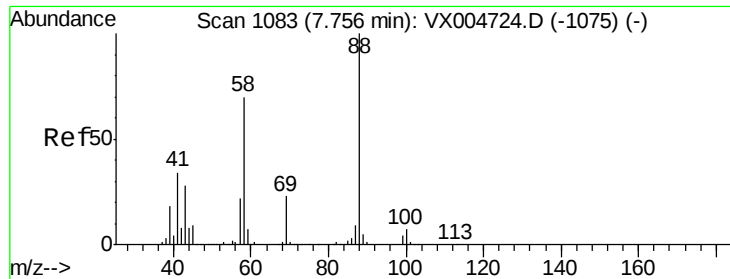
Acq: 26 Sep 2018 22:24

Tgt Ion:	41	Resp:	218394
Ion Ratio	Lower	Upper	
41	100		
69	79.5	70.2	105.4
39	51.1	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





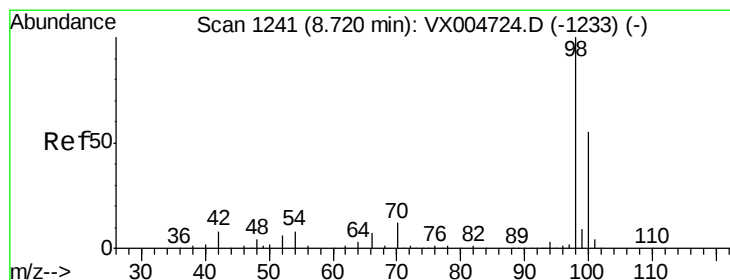
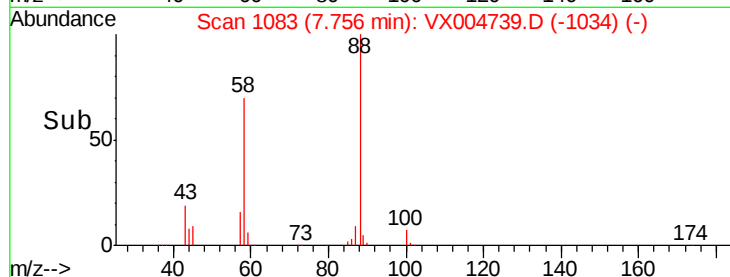
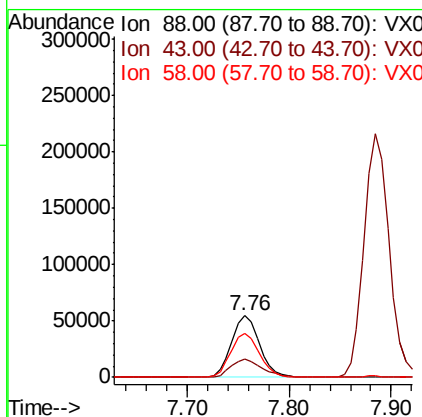
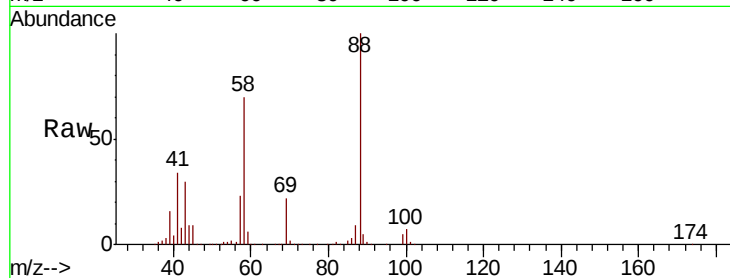
#49
1,4-Dioxane
Concen: 1231.896 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	104257
Ion Ratio	Lower	Upper	
88	100		
43	33.1	24.7	37.1
58	73.7	55.3	82.9

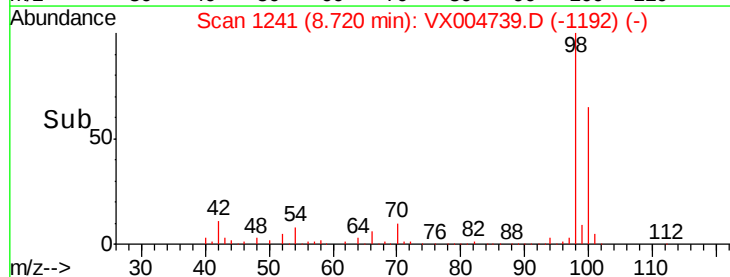
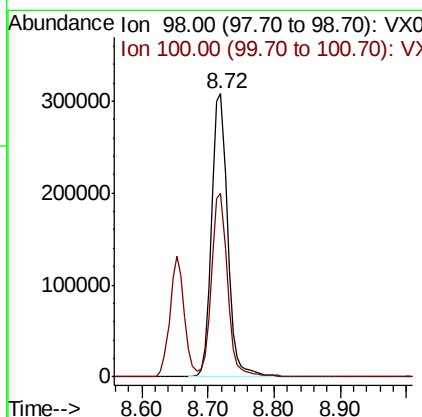
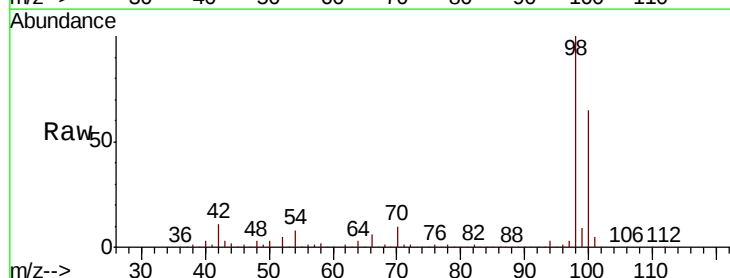
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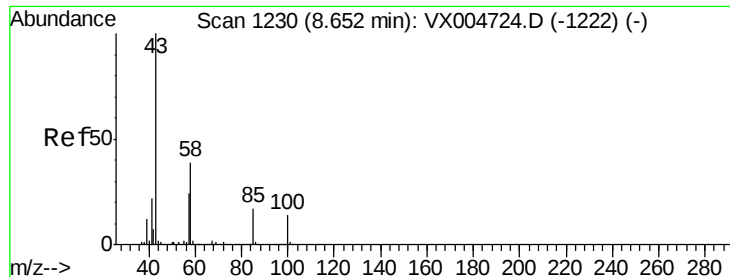
MMDadoda
9/27/2018 12:50:35 PM



#50
Toluene-d8
Concen: 53.921 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	98	Resp	514682
Ion Ratio	Lower	Upper	
98	100		
100	65.0	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 316.938 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1497737

Ion Ratio Lower Upper

43 100

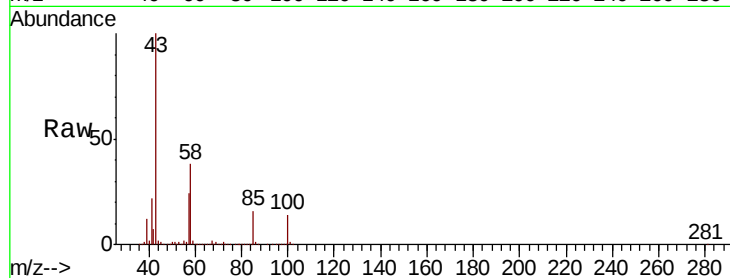
58 38.1 33.1 49.7

Manual Integrations

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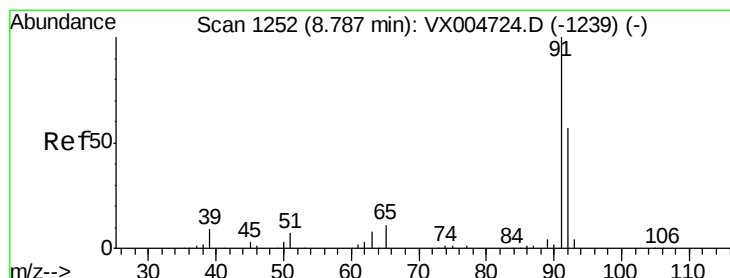
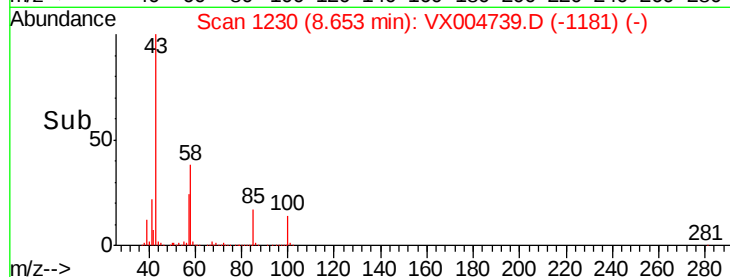
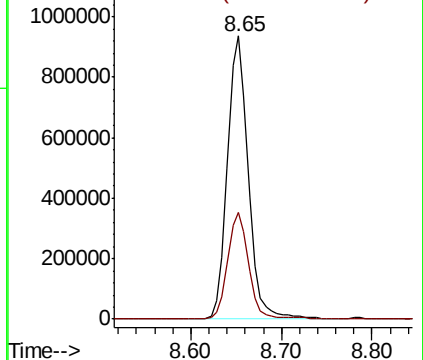
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 55.161 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004739.D

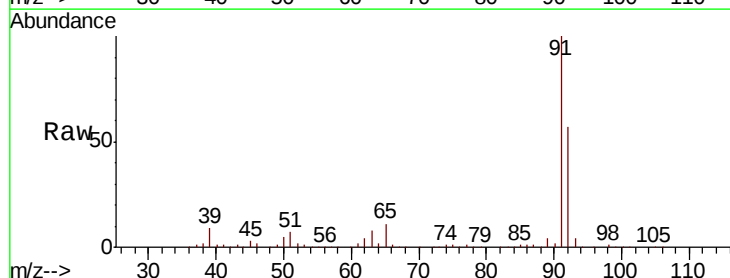
Acq: 26 Sep 2018 22:24

Tgt Ion: 92 Resp: 371720

Ion Ratio Lower Upper

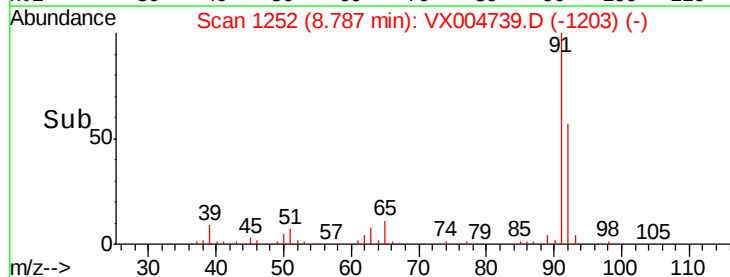
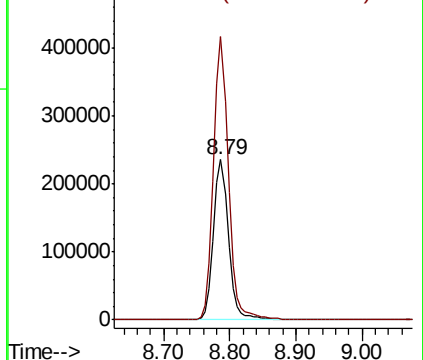
92 100

91 174.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





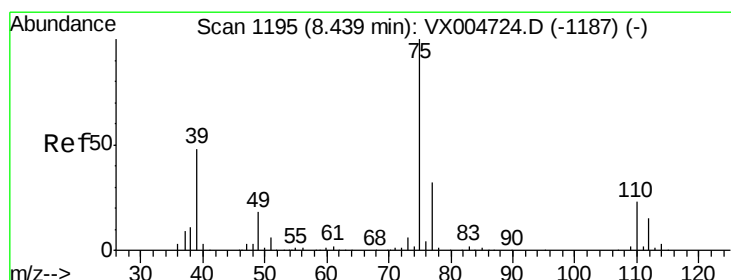
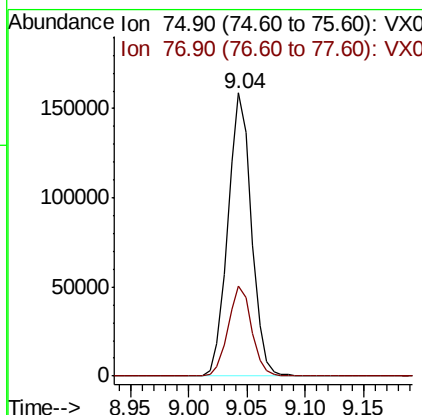
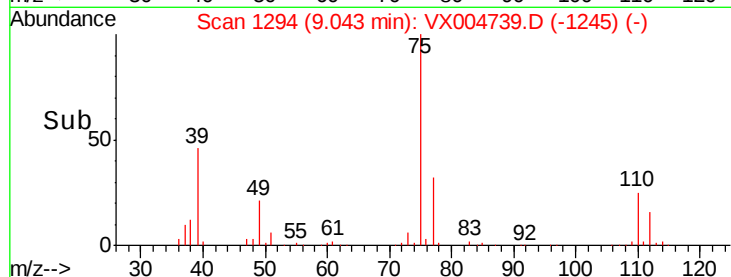
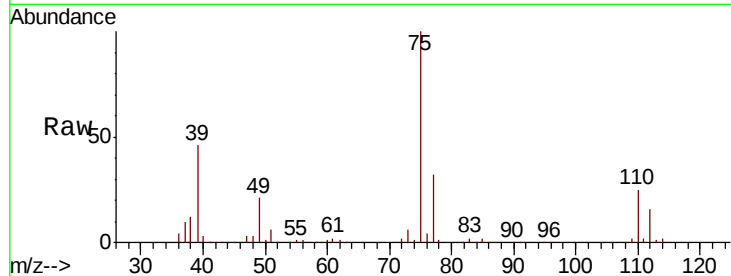
#53
 t-1,3-Dichloropropene
 Concen: 56.023 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 224036
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0

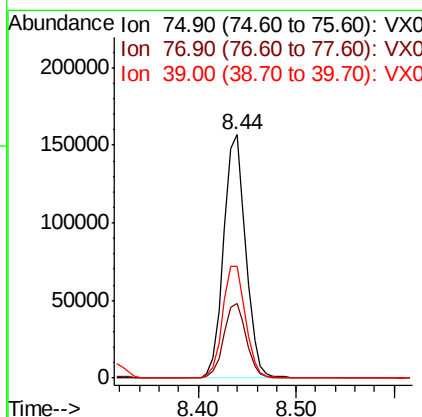
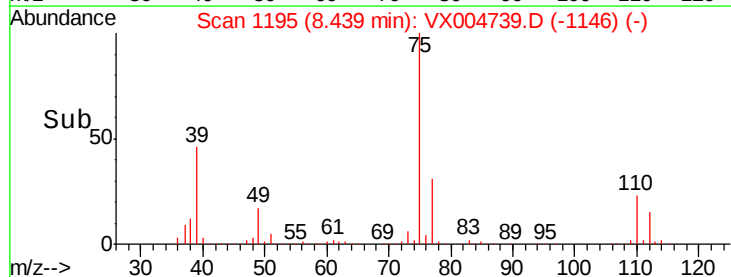
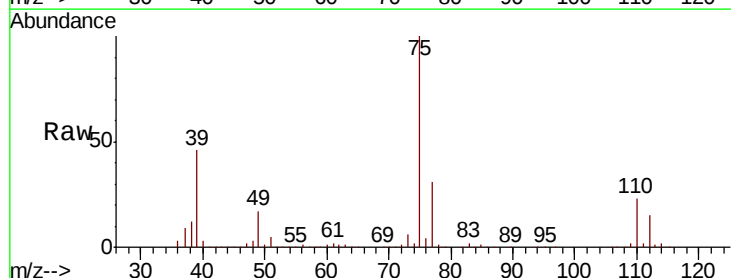
Manual Integrations
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#54
 cis-1,3-Dichloropropene
 Concen: 58.663 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion: 75 Resp: 245716
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.2
 39 45.8 36.4 54.6





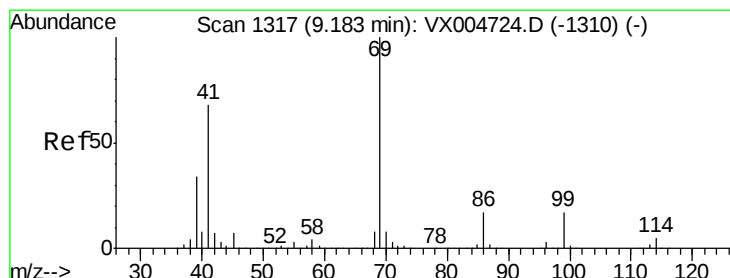
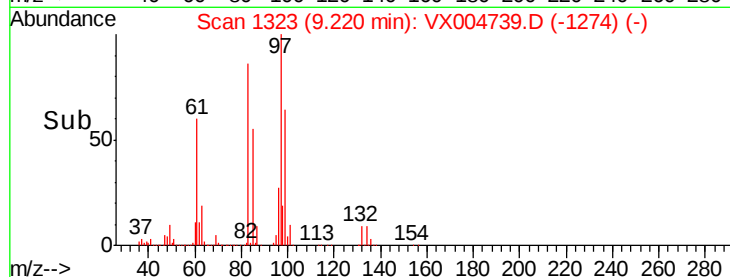
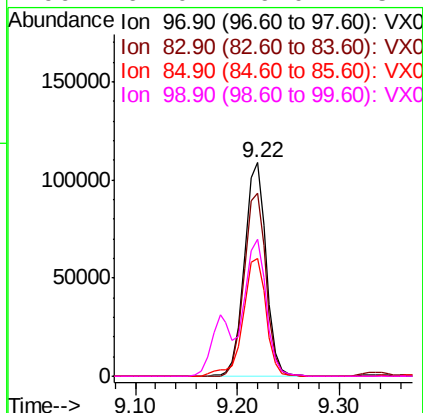
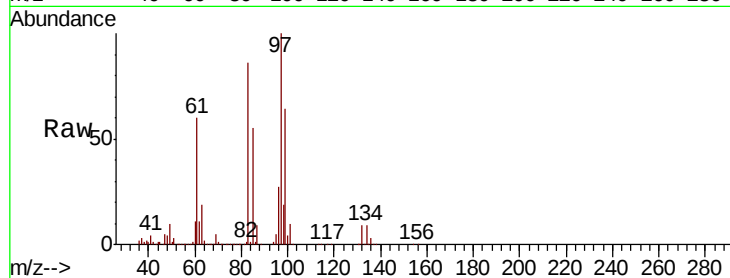
#55
 1,1,2-Trichloroethane
 Concen: 54.307 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		160306		
83	86.0	66.4	99.6		
85	55.3	43.3	64.9		
99	64.0	49.0	73.4		

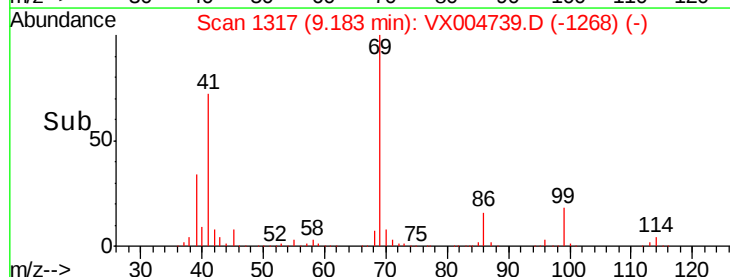
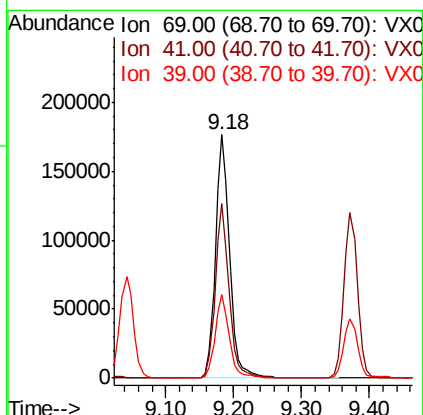
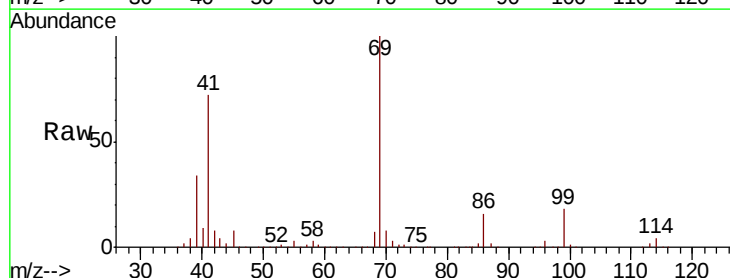
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 52.991 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		254700		
41	69.9	51.0	76.4		
39	34.1	26.1	39.1		





#57

1,3-Dichloropropane

Concen: 55.496 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 272641

Ion Ratio Lower Upper

76 100

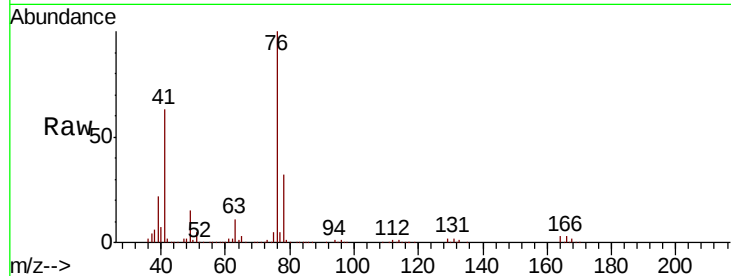
78 32.1 25.5 38.3

Manual Integrations

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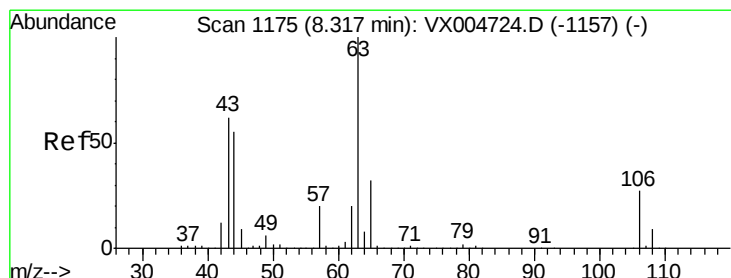
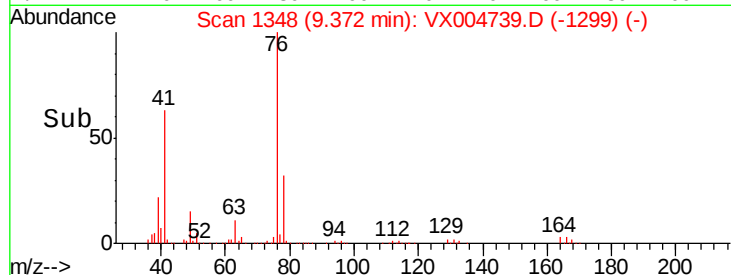
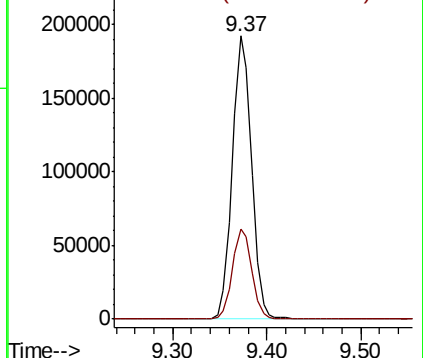
MMDadoda

9/27/2018 12:50:35 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 281.667 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004739.D

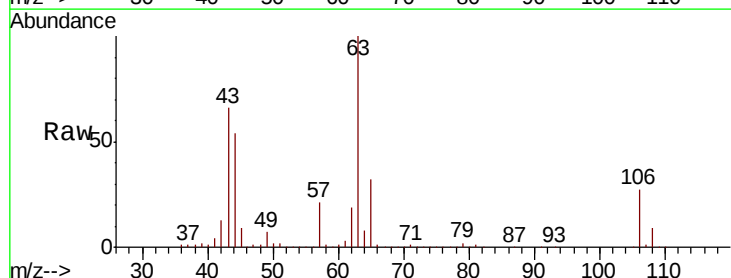
Acq: 26 Sep 2018 22:24

Tgt Ion: 63 Resp: 721267

Ion Ratio Lower Upper

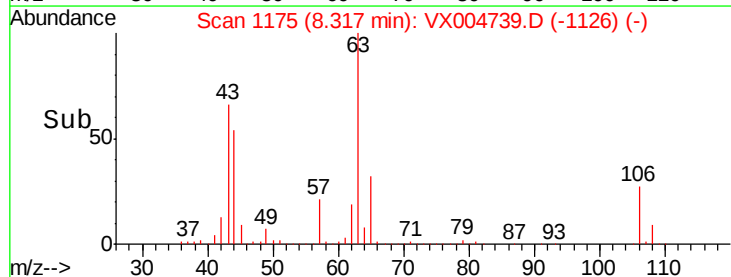
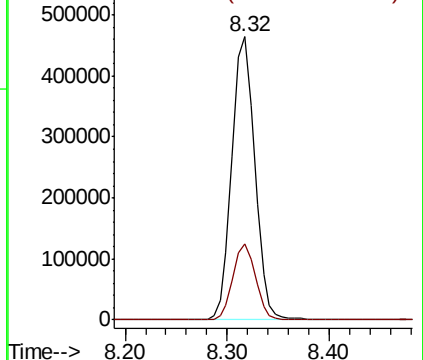
63 100

106 26.6 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





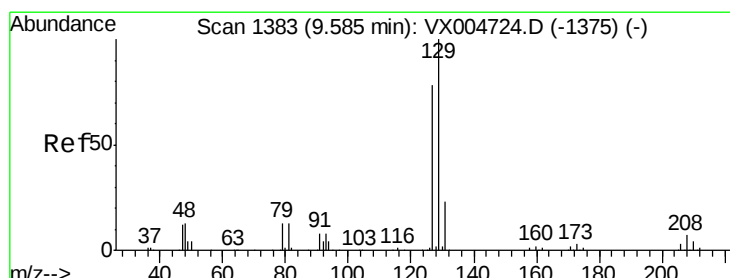
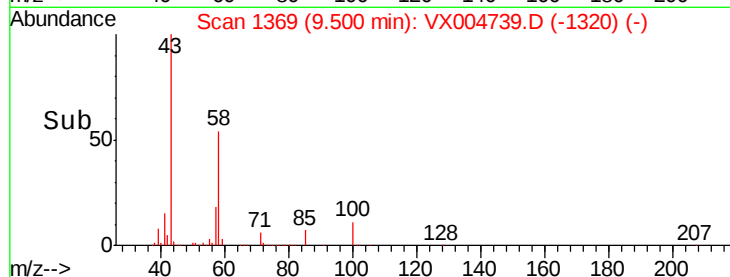
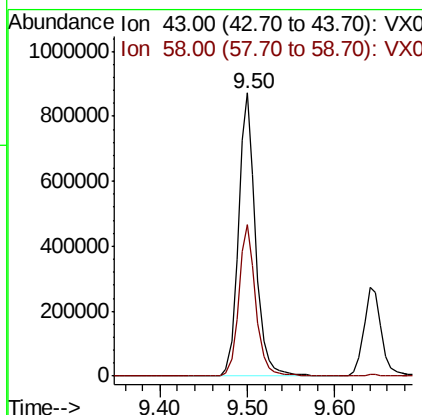
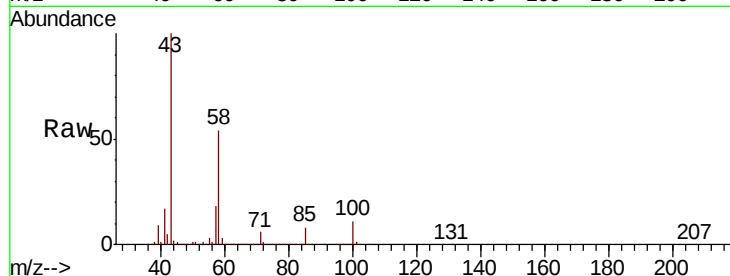
#59
2-Hexanone
Concen: 302.322 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1190537
Ion Ratio Lower Upper
43 100
58 53.1 29.0 87.0

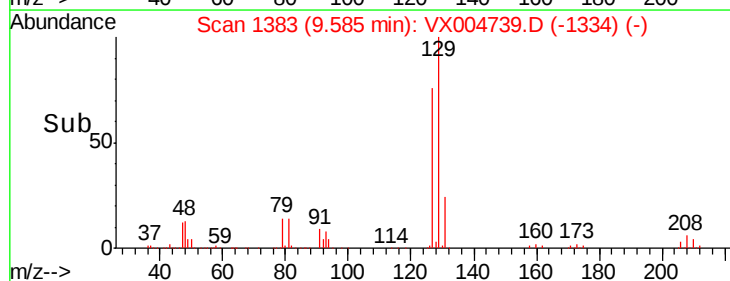
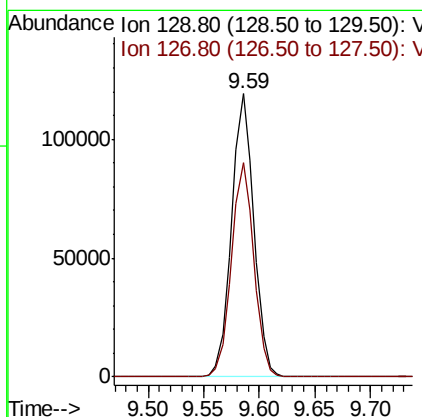
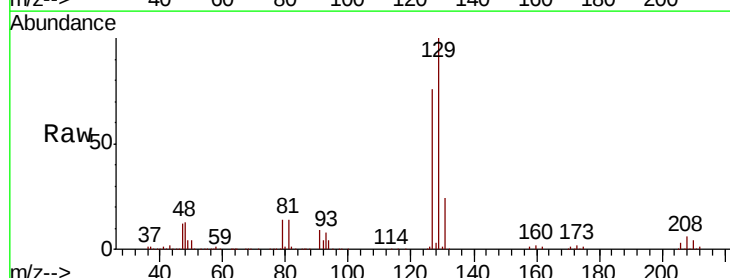
Manual Integrations
APPROVED

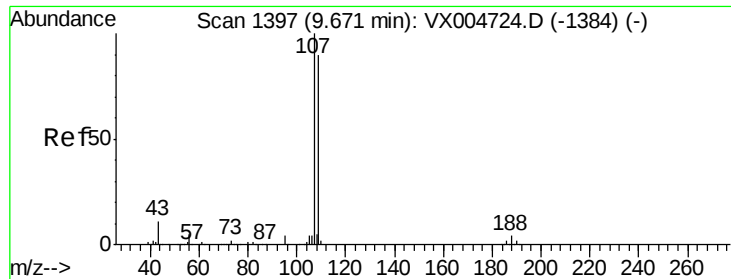
MMDadoda
9/27/2018 12:50:35 PM



#60
Dibromochloromethane
Concen: 55.770 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion: 129 Resp: 164637
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.438 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 107 Resp: 168931

Ion Ratio Lower Upper

107 100

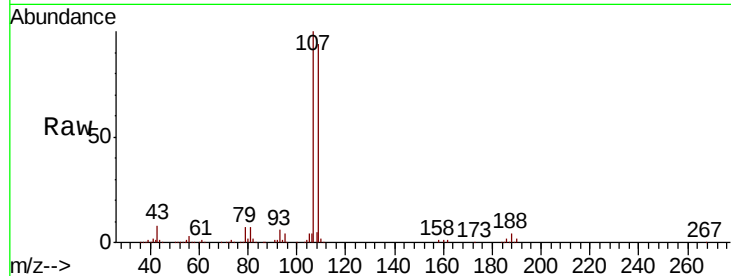
109 93.3 76.0 114.0

Manual Integrations

APPROVED

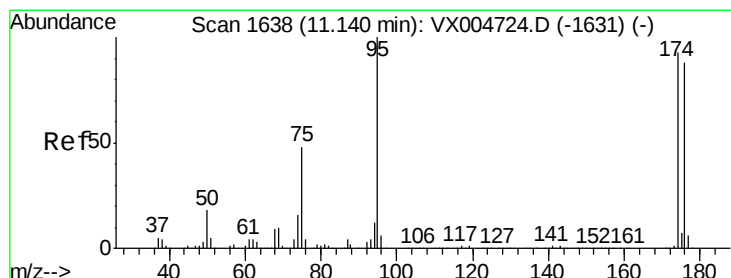
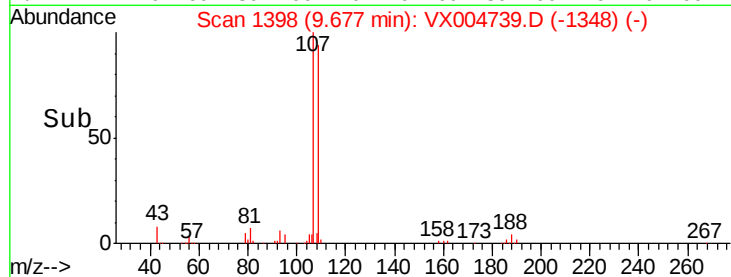
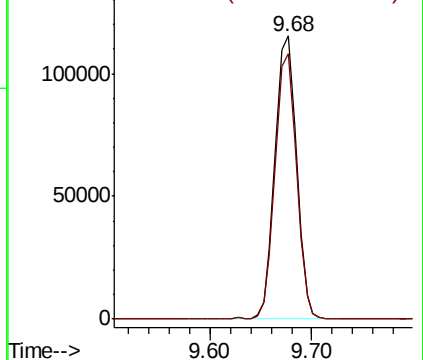
MMDadoda

9/27/2018 12:50:35 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.869 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

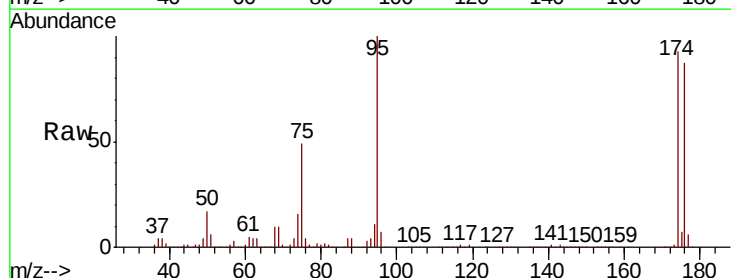
Tgt Ion: 95 Resp: 192118

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.2

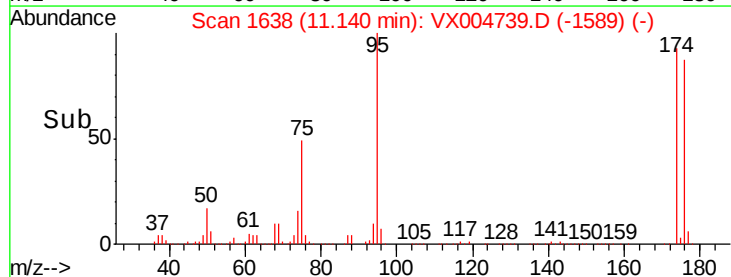
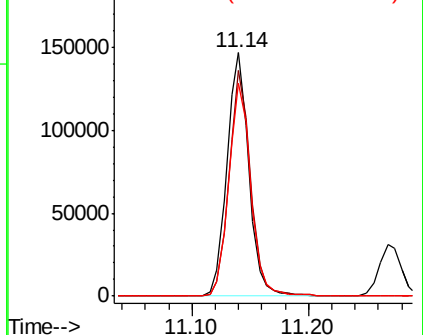
176 88.0 0.0 178.6

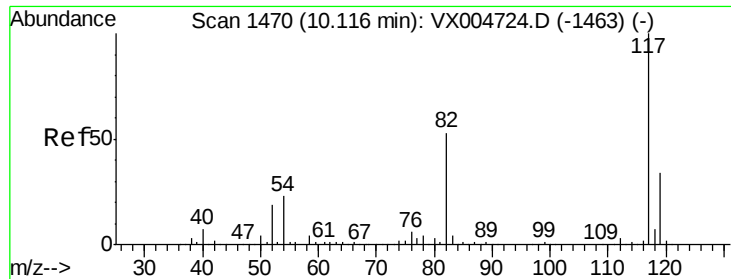


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





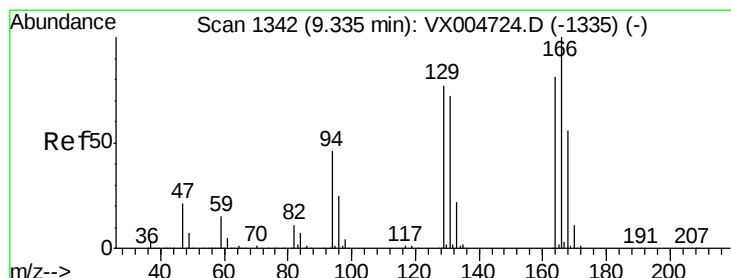
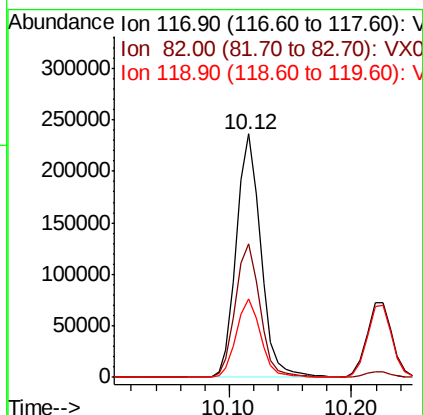
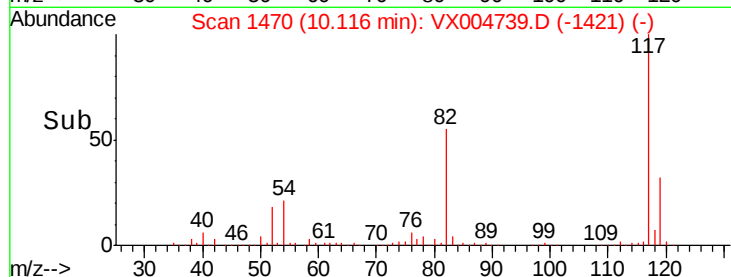
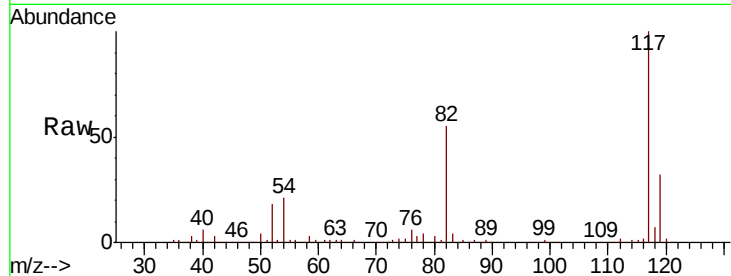
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	47.8	71.6
119	32.1	29.3	43.9

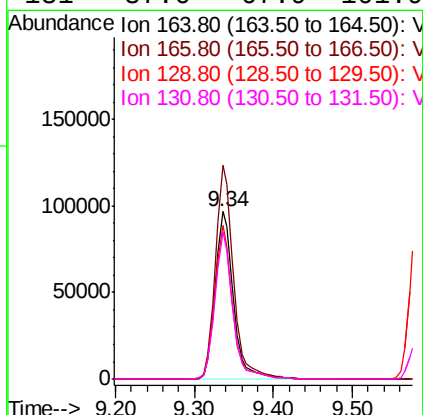
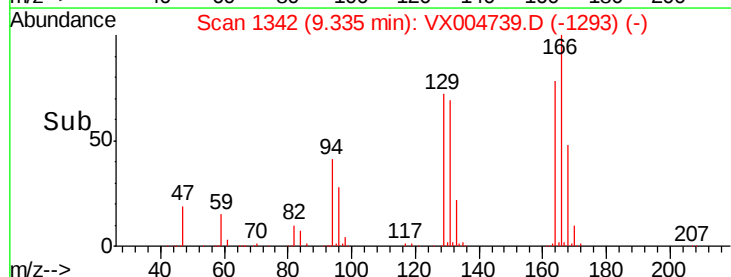
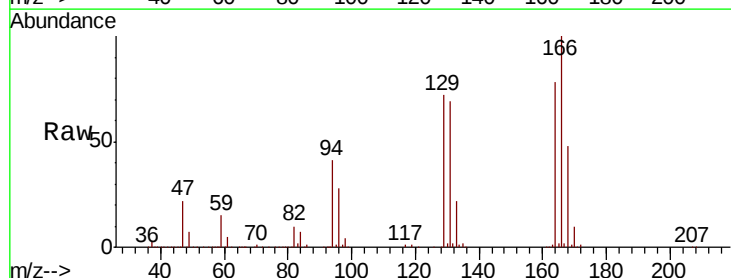
Manual Integrations
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#64
Tetrachloroethene
Concen: 48.369 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	102.8	154.2
129	91.5	69.4	104.0
131	87.6	67.9	101.9





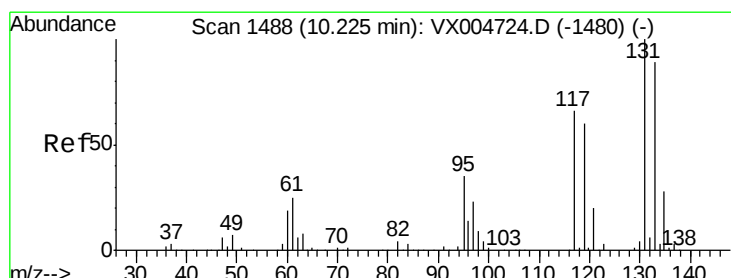
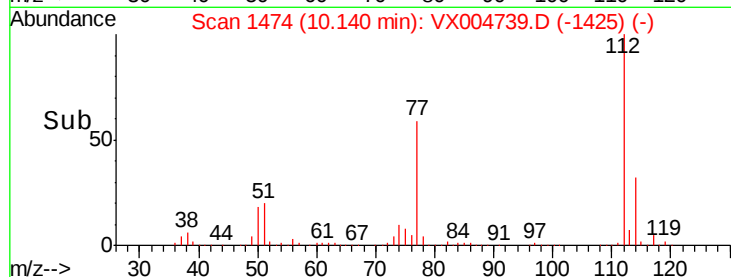
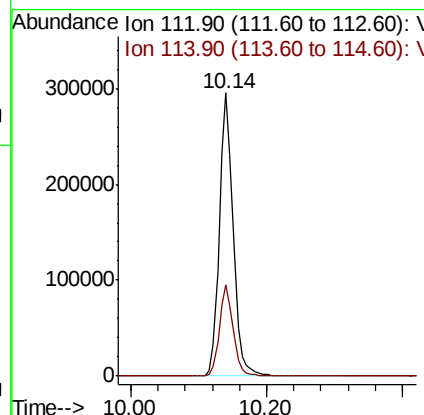
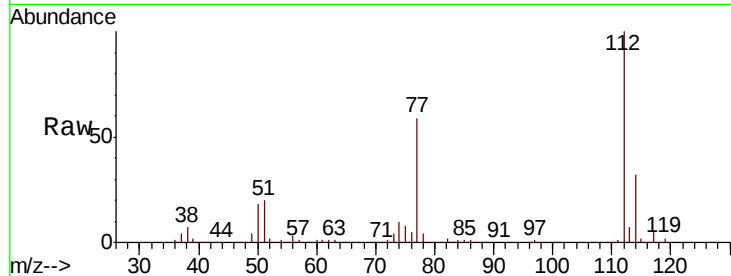
#65
Chlorobenzene
Concen: 49.552 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 415684
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8

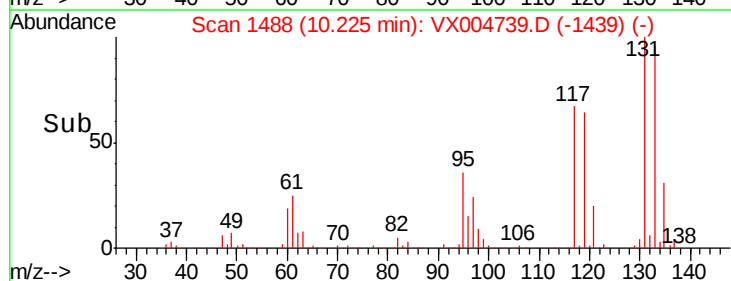
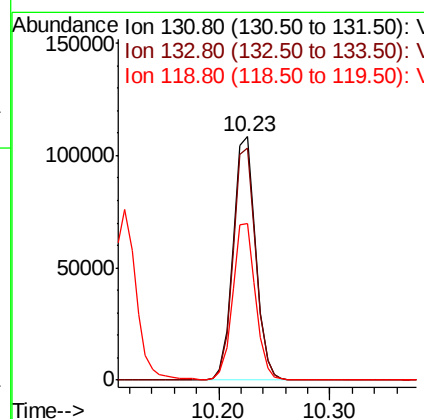
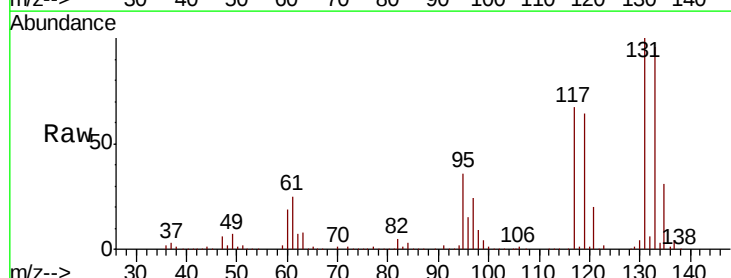
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.308 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion:131 Resp: 151315
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.4
119 64.9 32.9 98.6





#67

Ethyl Benzene

Concen: 52.402 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 697908

Ion Ratio Lower Upper

91 100

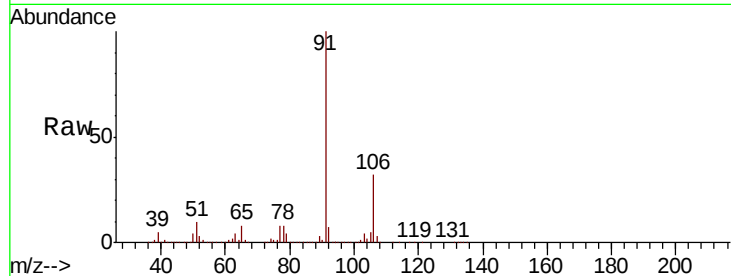
106 31.6 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

9/27/2018 12:50:35 PM



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX004724.D (-1485) (-)

800000

600000

400000

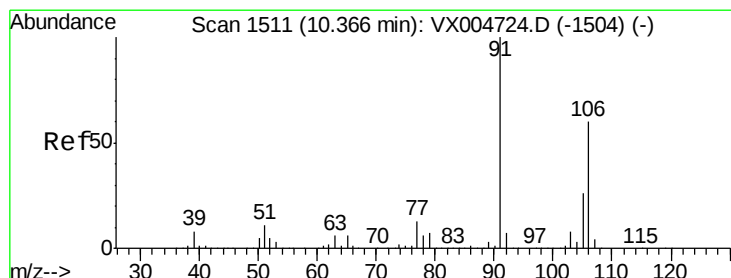
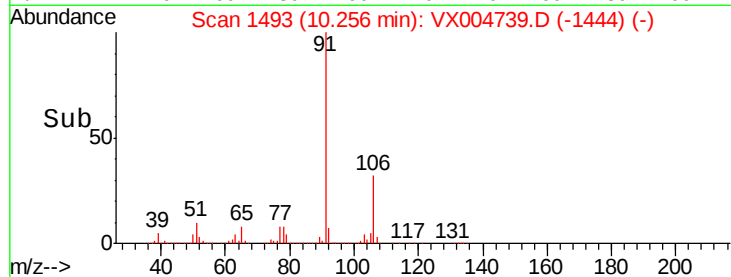
200000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 104.206 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004739.D

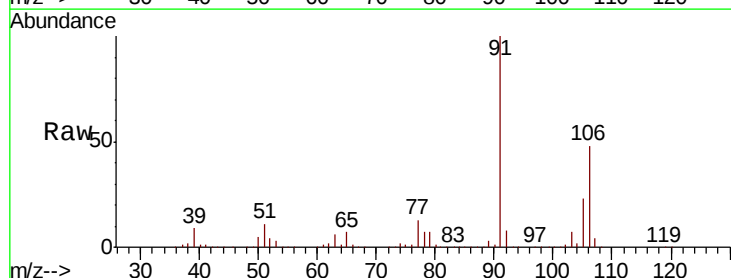
Acq: 26 Sep 2018 22:24

Tgt Ion:106 Resp: 542330

Ion Ratio Lower Upper

106 100

91 205.7 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): VX004724.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX004724.D (-1504) (-)

800000

600000

400000

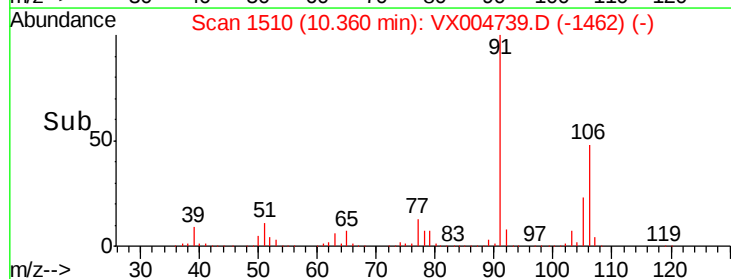
200000

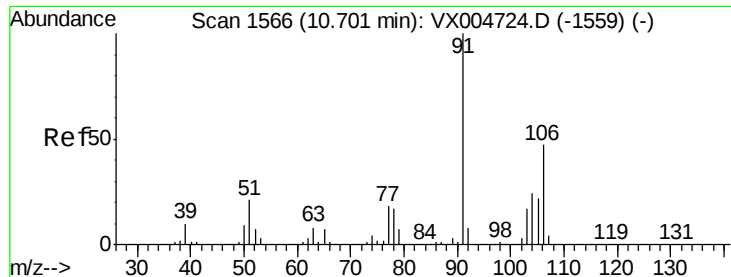
0

10.30

10.40

Time-->





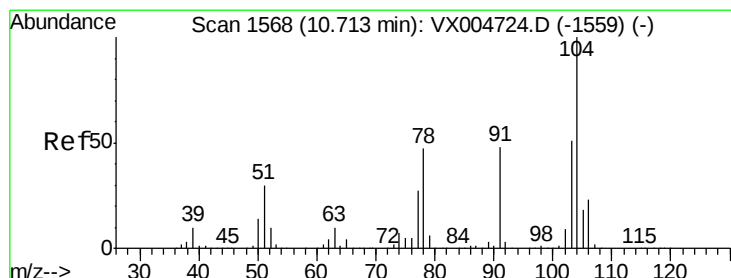
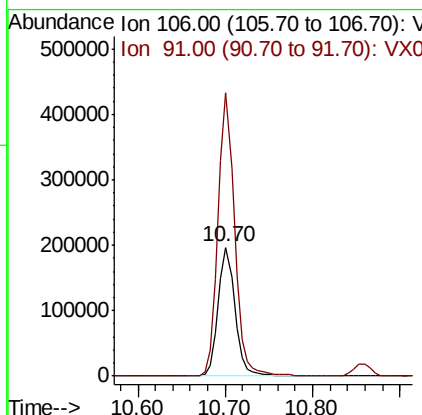
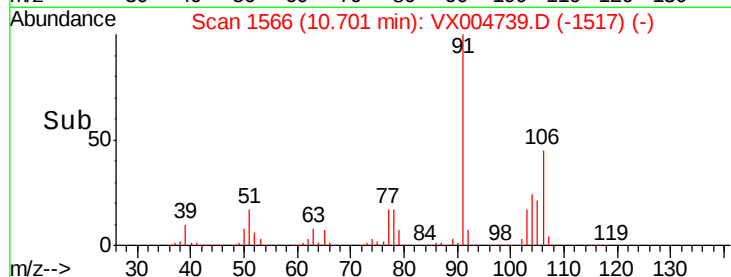
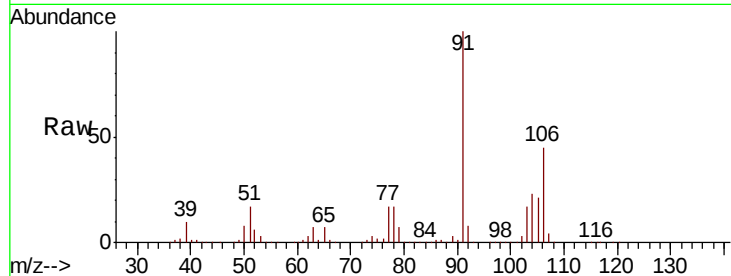
#69
o-Xylene
Concen: 54.829 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 262095
Ion Ratio Lower Upper
106 100
91 216.8 105.1 315.1

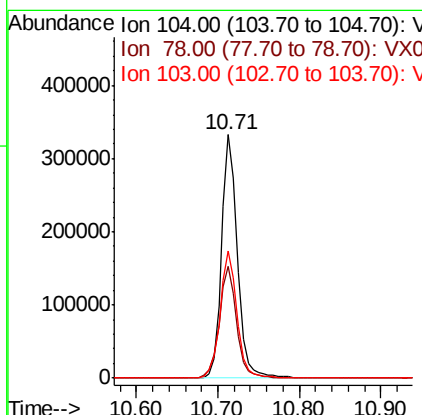
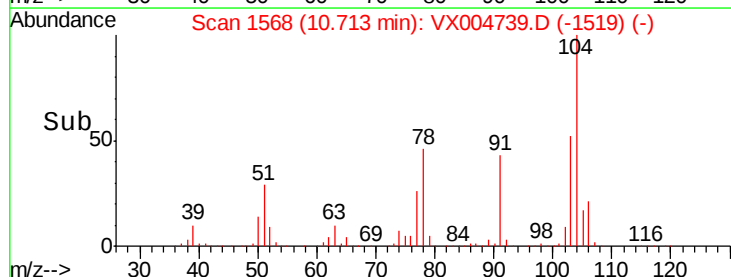
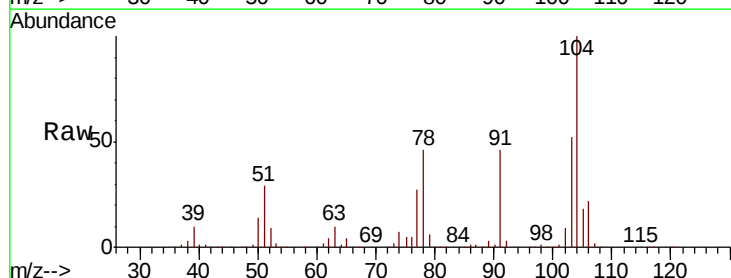
Manual Integrations
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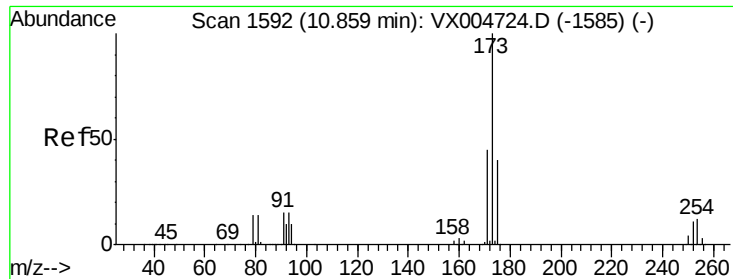
MMDadoda
9/27/2018 12:50:35 PM



#70
Styrene
Concen: 50.451 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion:104 Resp: 451234
Ion Ratio Lower Upper
104 100
78 50.2 37.4 56.0
103 56.0 43.8 65.6





#71

Bromoform

Concen: 53.490 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

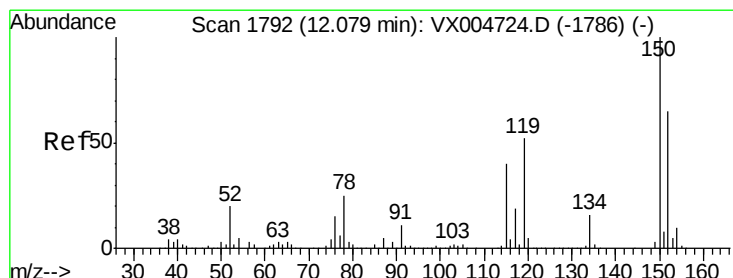
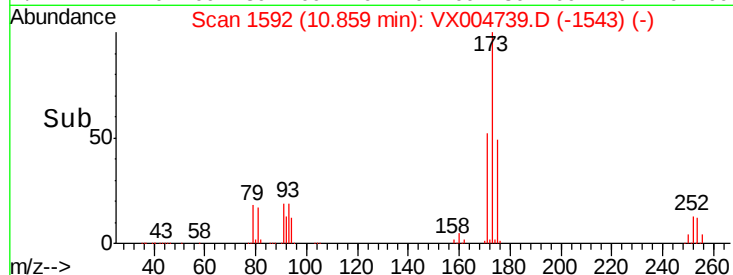
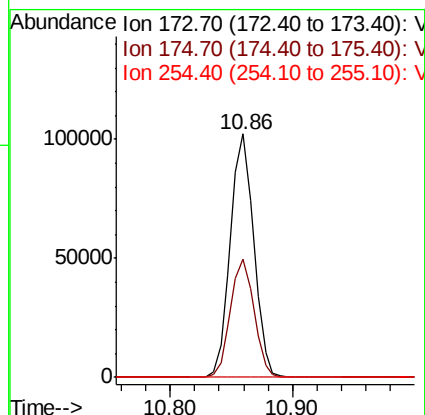
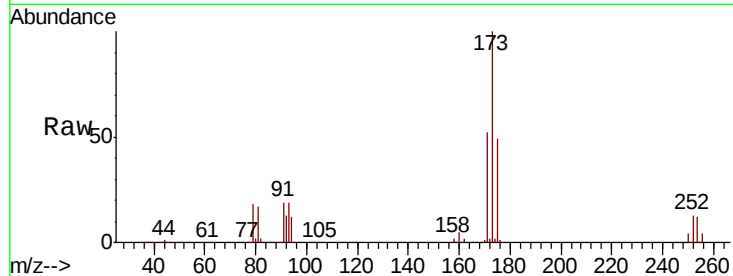
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.1	72.3
254	0.3	0.2	0.2

Manual Integrations
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9/27/2018 12:50:35 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

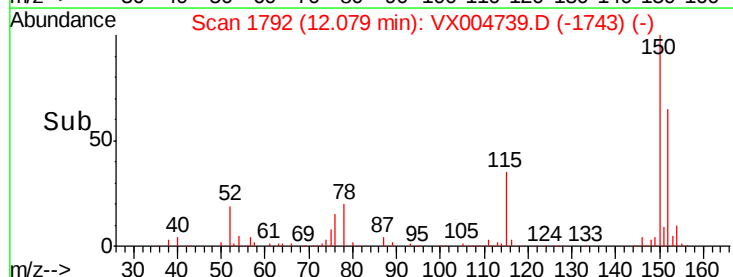
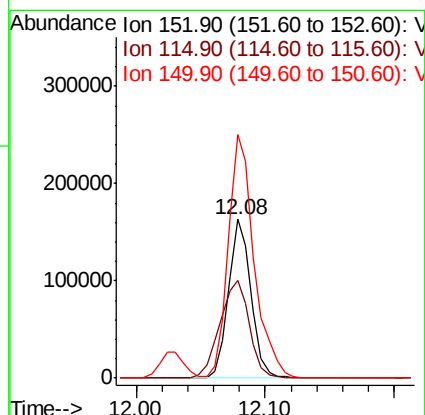
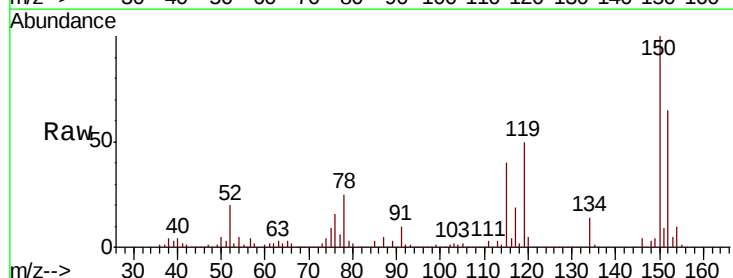
RT: 12.08 min Scan# 1792

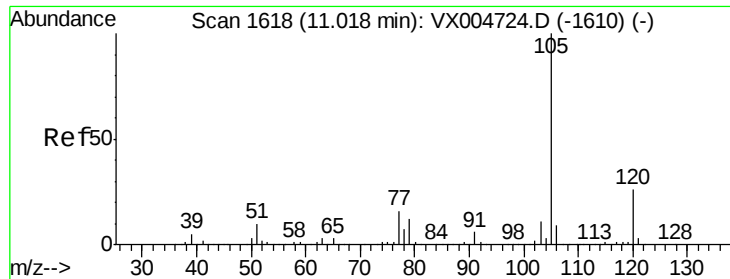
Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.5	39.0	117.0
150	175.0	0.0	351.0





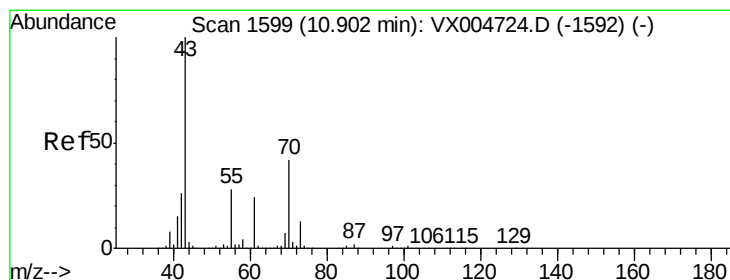
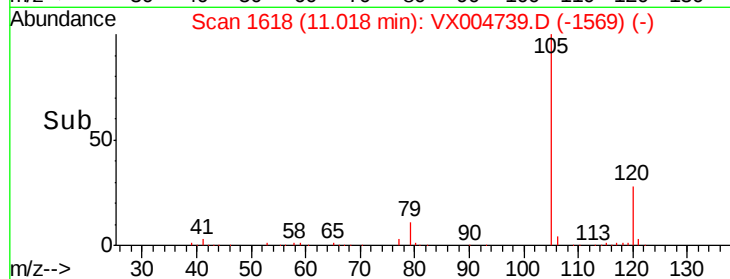
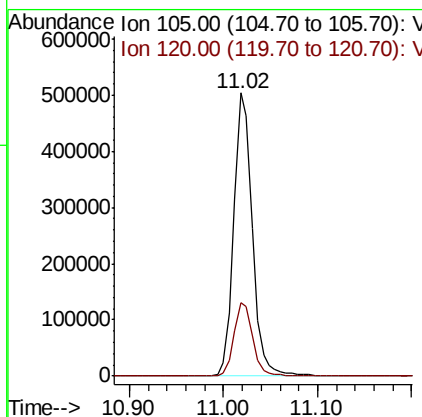
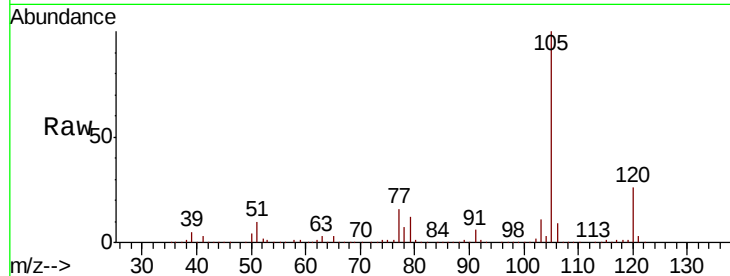
#73
Isopropylbenzene
Concen: 54.347 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 688975
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4

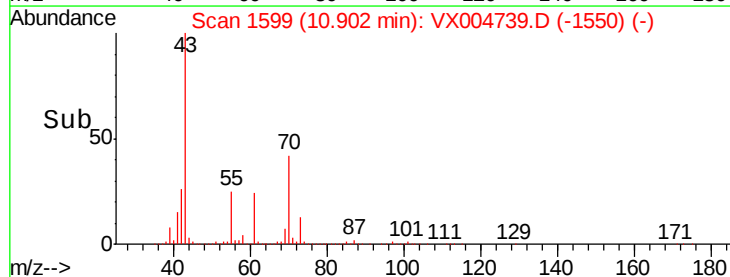
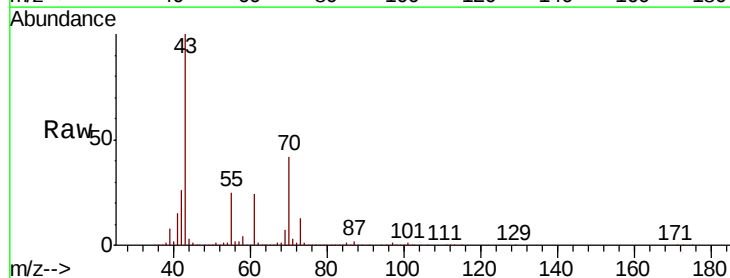
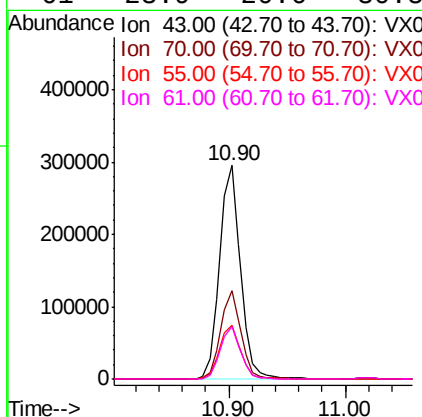
Manual Integrations
APPROVED

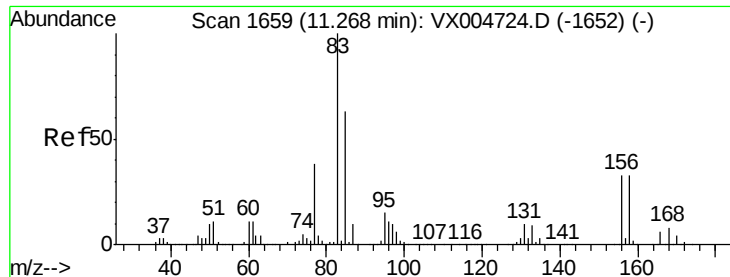
MMDadoda
9/27/2018 12:50:35 PM



#74
N-ethyl acetate
Concen: 52.294 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion: 43 Resp: 364962
Ion Ratio Lower Upper
43 100
70 40.8 37.4 56.0
55 25.7 21.8 32.8
61 23.9 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.003 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 83 Resp: 268365

Ion Ratio Lower Upper

83 100

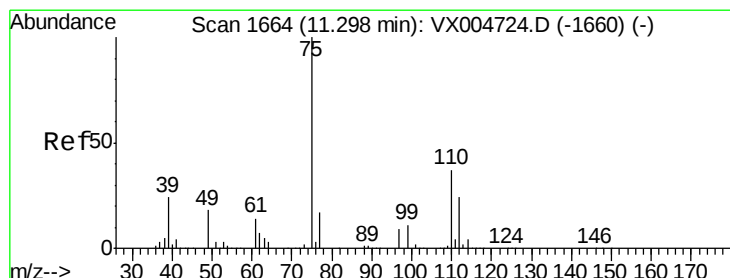
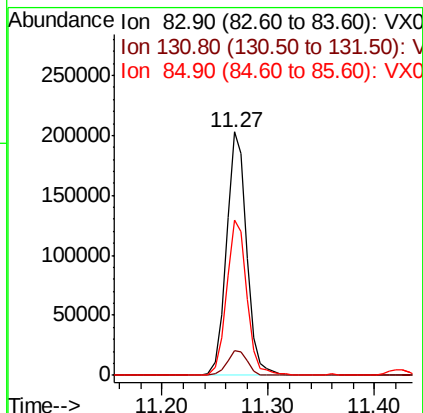
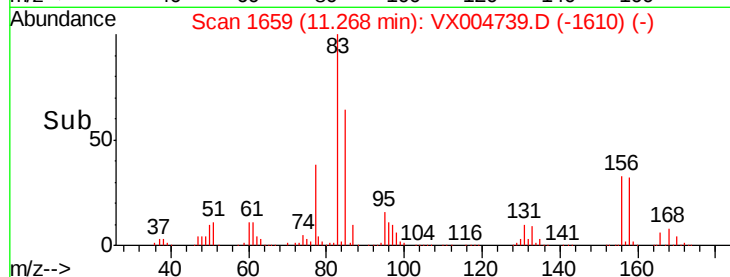
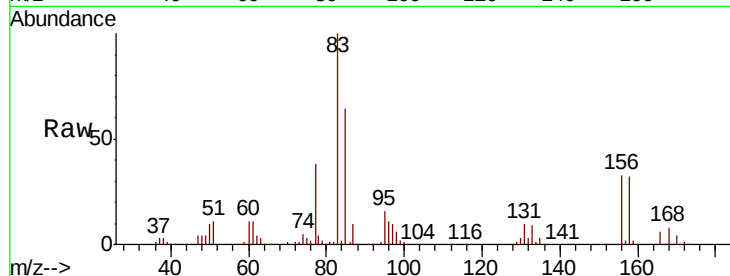
131 10.3 5.2 15.6

85 64.1 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.826 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004739.D

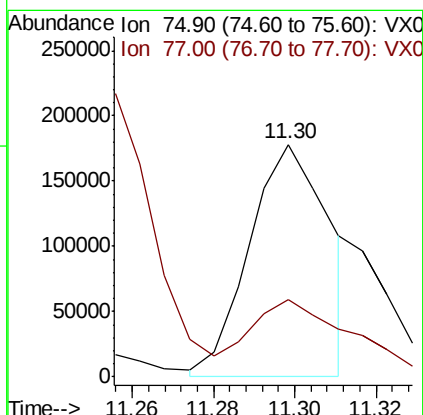
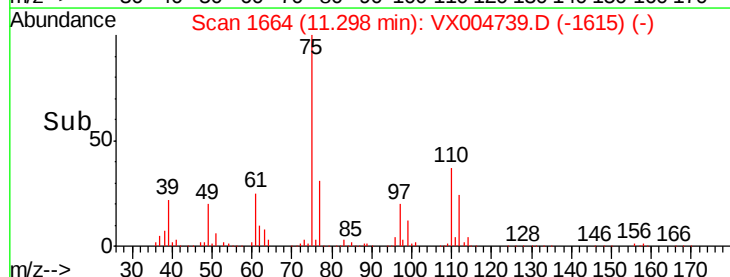
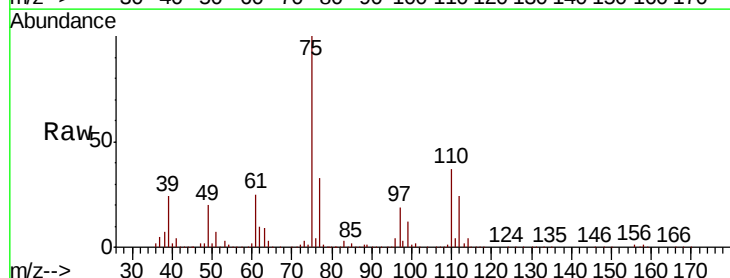
Acq: 26 Sep 2018 22:24

Tgt Ion: 75 Resp: 242650

Ion Ratio Lower Upper

75 100

77 42.6 20.2 60.6





#77

Bromobenzene

Concen: 52.757 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

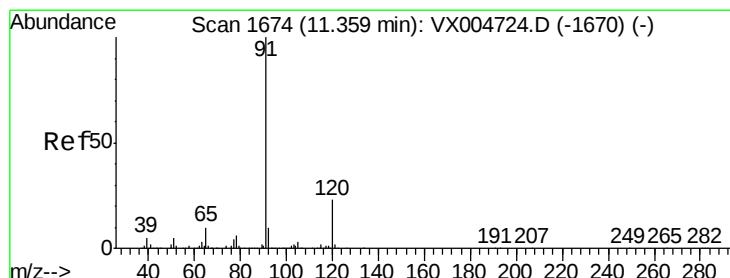
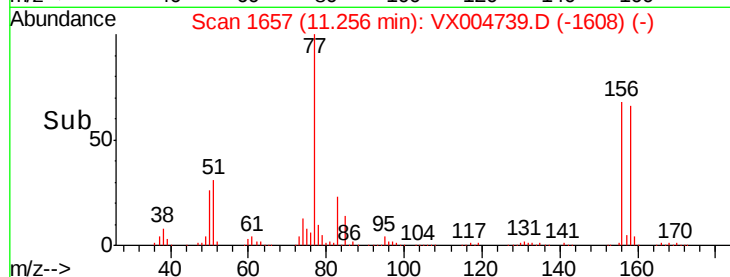
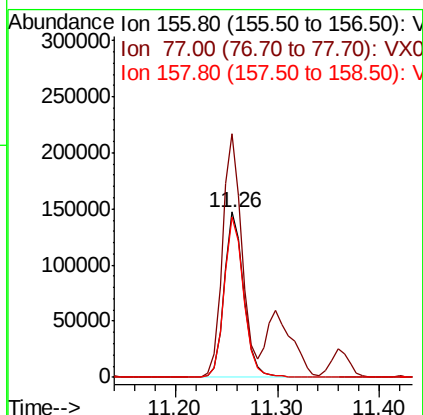
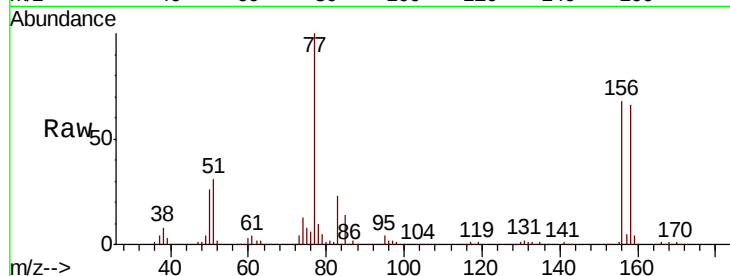
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	194264
Ion Ratio	Lower	Upper	
156	100		
77	147.0	71.5	214.3
158	97.8	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 54.399 ug/l

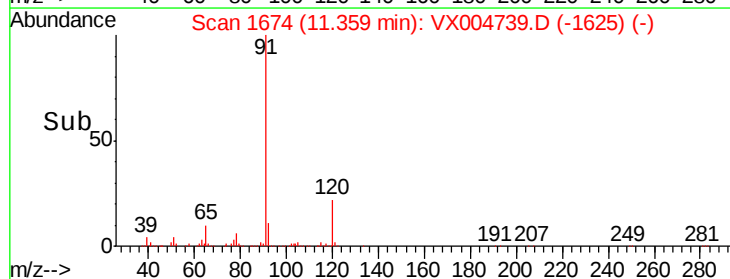
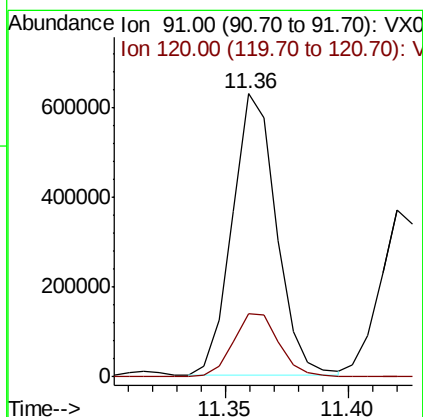
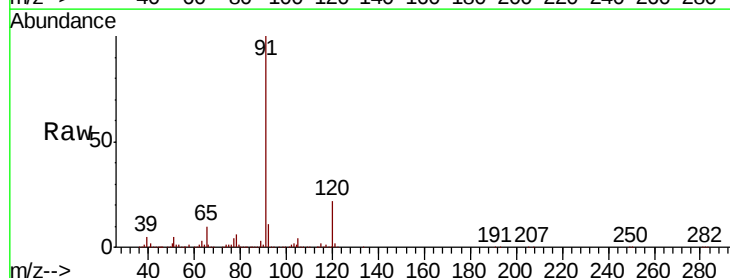
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Tgt Ion:	91	Resp:	791276
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.9





#79

2-Chlorotoluene

Concen: 54.051 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 490064

Ion Ratio Lower Upper

91 100

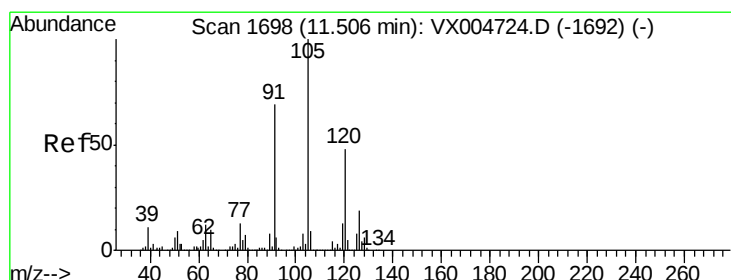
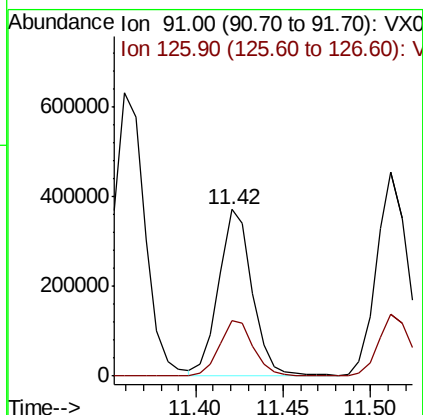
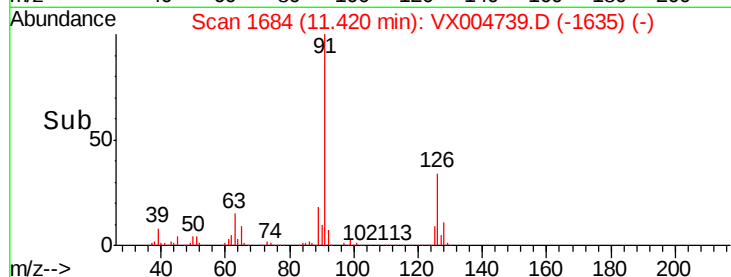
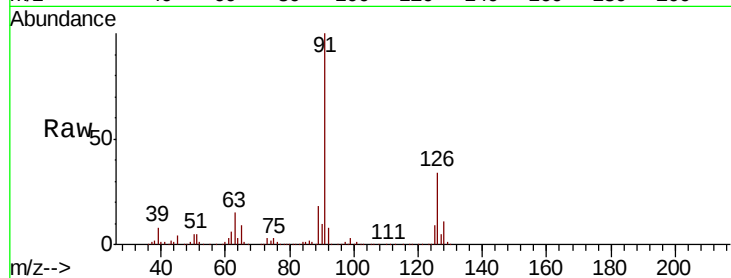
126 34.6 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.260 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004739.D

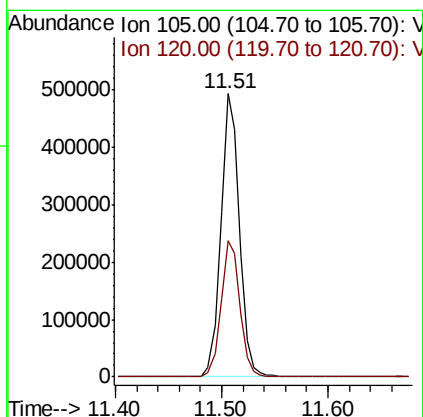
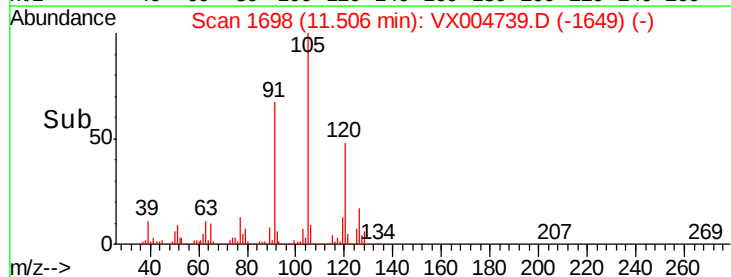
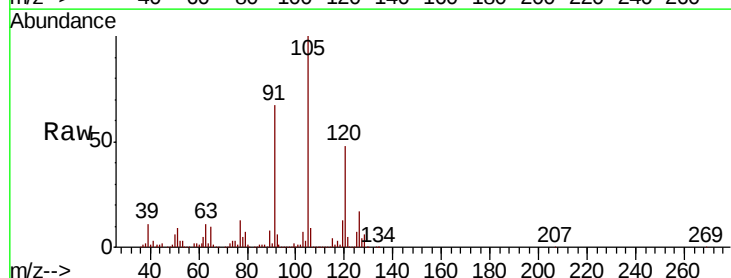
Acq: 26 Sep 2018 22:24

Tgt Ion: 105 Resp: 595546

Ion Ratio Lower Upper

105 100

120 48.9 25.6 76.8





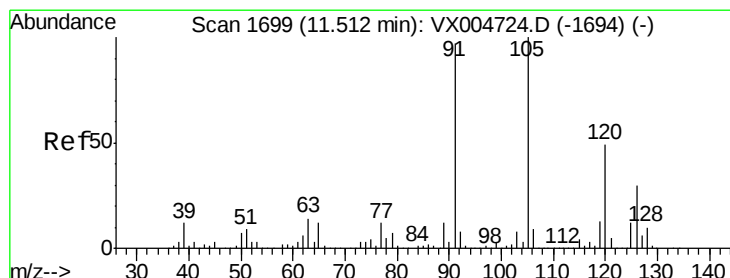
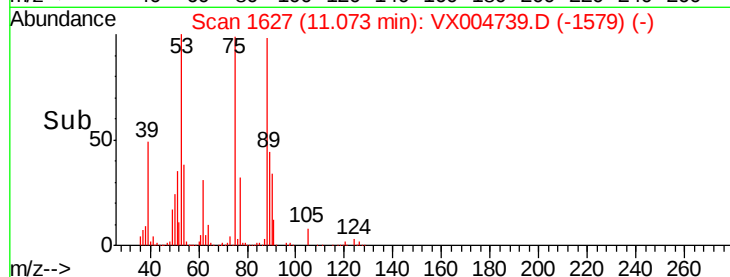
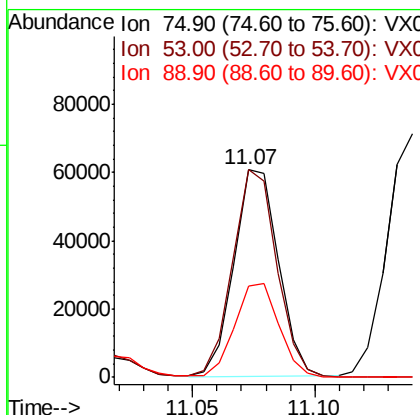
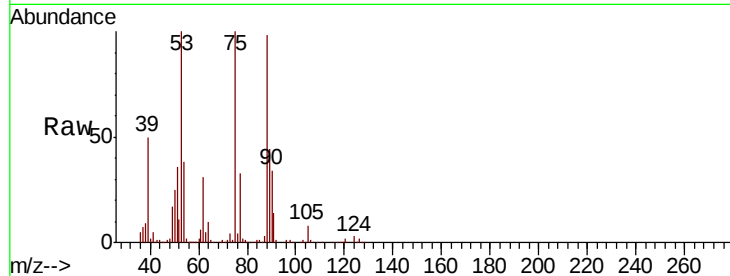
#81
trans-1,4-Dichloro-2-butene
Concen: 46.724 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.0	80.1	120.1
89	45.6	37.2	55.8

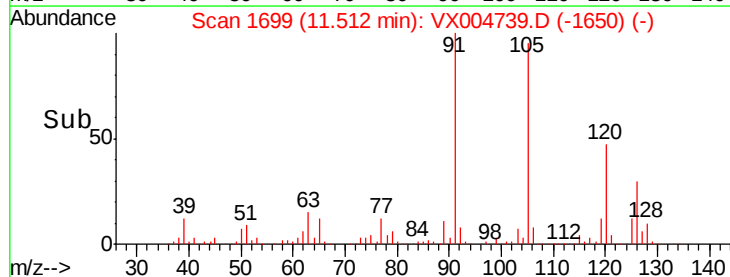
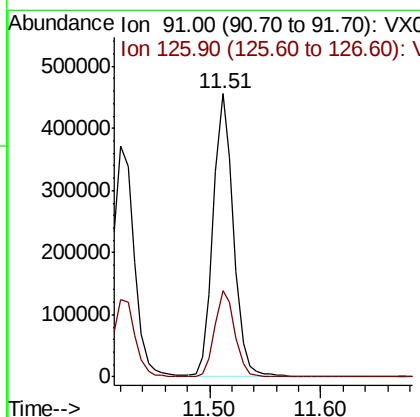
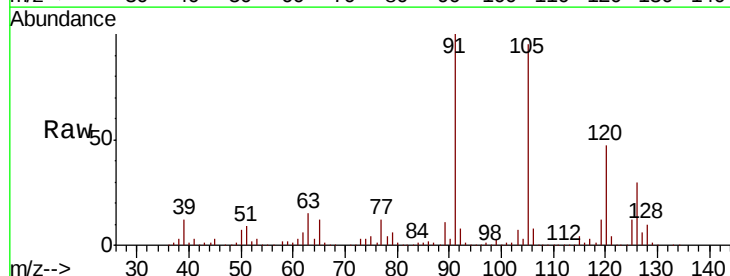
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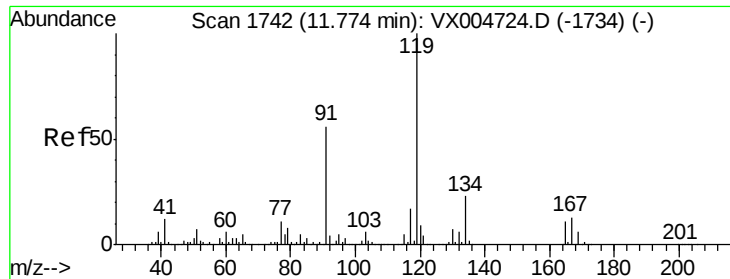
MMDadoda
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#82
4-Chlorotoluene
Concen: 53.998 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.5	46.5





#83

tert-Butylbenzene

Concen: 54.299 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

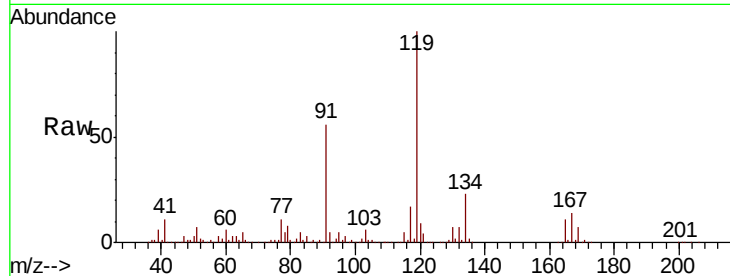
ClientSampled :

VSTDCCC050

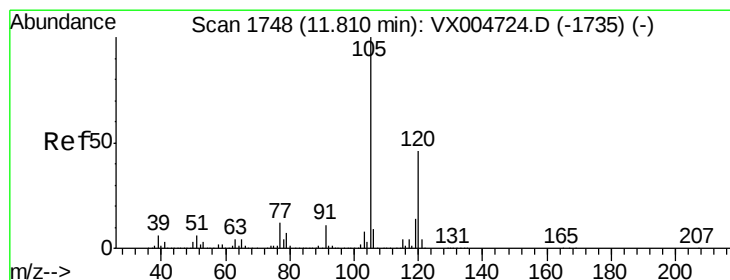
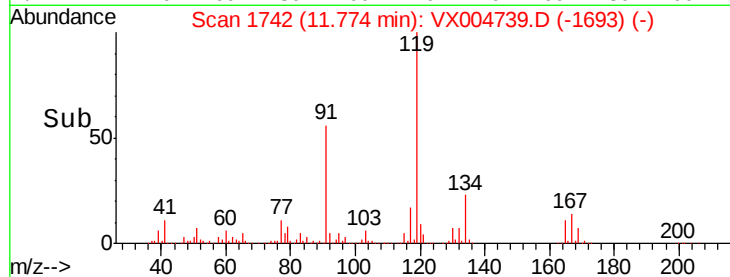
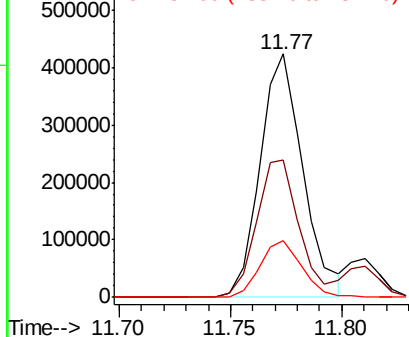
Tot Ion:	119	Resp:	566750
Ion Ratio	Lower	Upper	
119	100		
91	55.4	27.0	81.0
134	22.9	11.7	35.1

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.847 ug/l

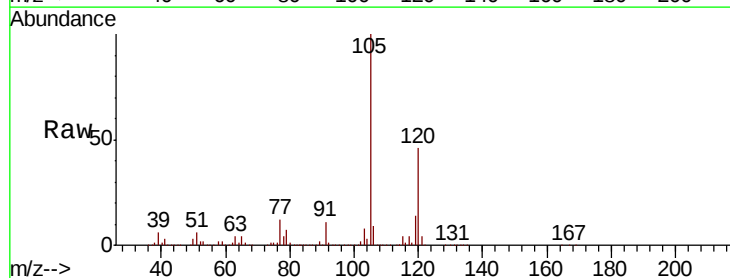
RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

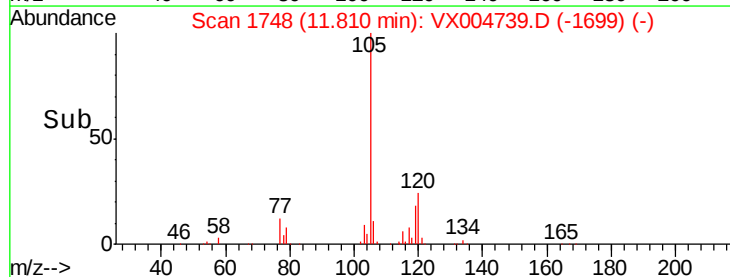
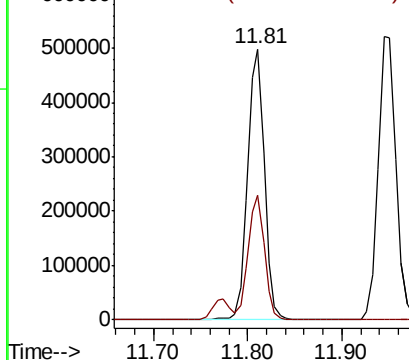
Lab File: VX004739.D

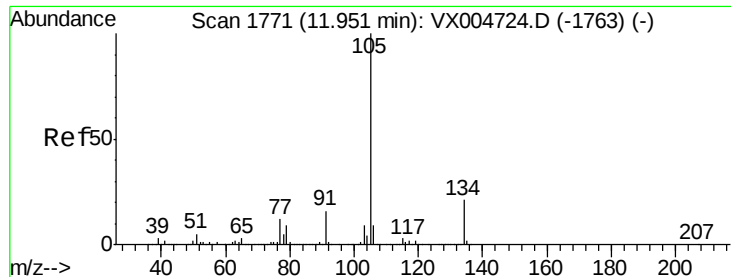
Acq: 26 Sep 2018 22:24

Tgt Ion:	105	Resp:	621174
Ion Ratio	Lower	Upper	
105	100		
120	45.1	23.2	69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.663 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 682240

Ion Ratio Lower Upper

105 100

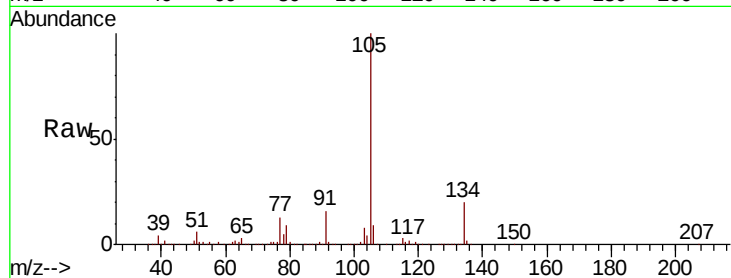
134 20.3 10.5 31.5

Manual Integrations

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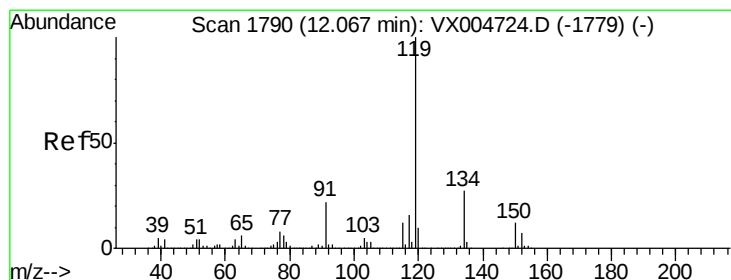
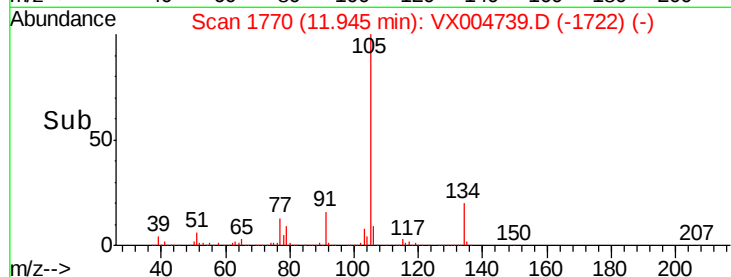
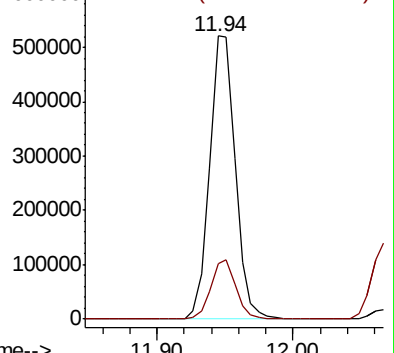
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.620 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

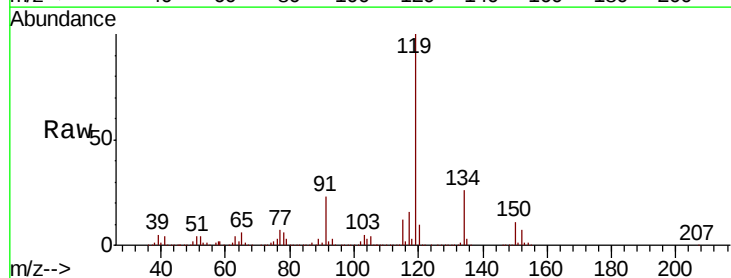
Tgt Ion:119 Resp: 617618

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

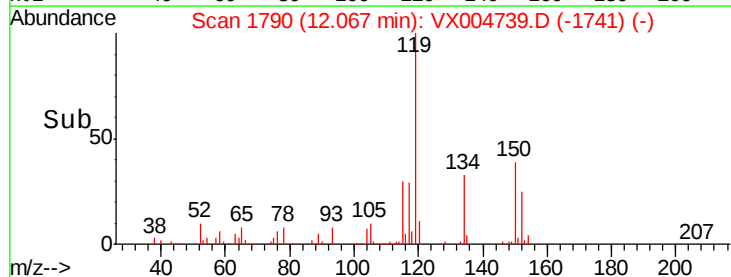
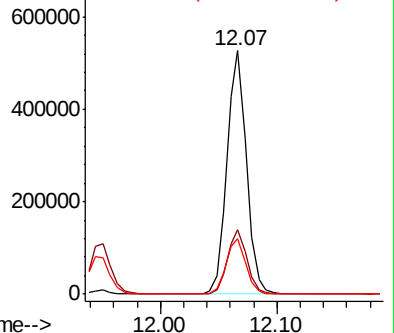
91 22.9 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





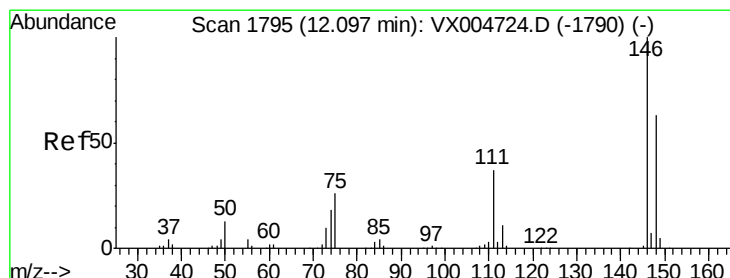
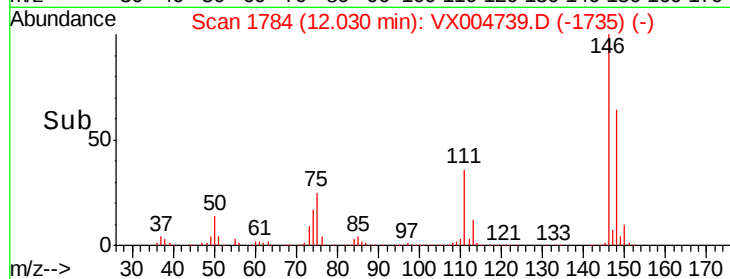
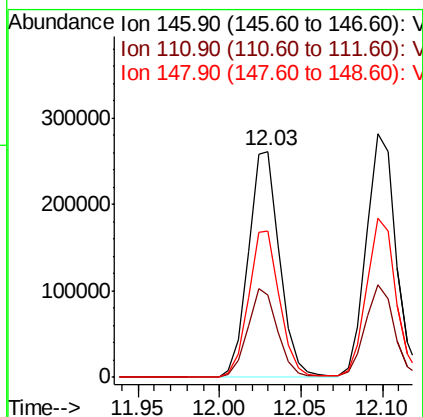
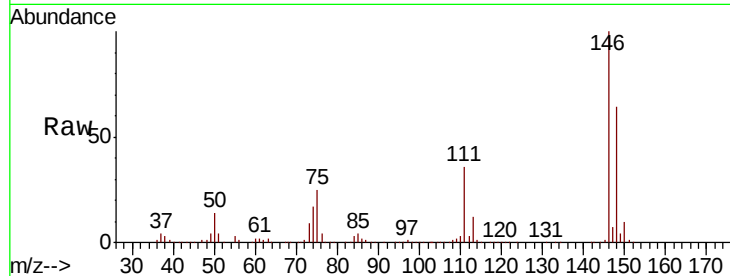
#87
 1,3-Dichlorobenzene
 Concen: 50.853 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	64.6	32.1	96.5

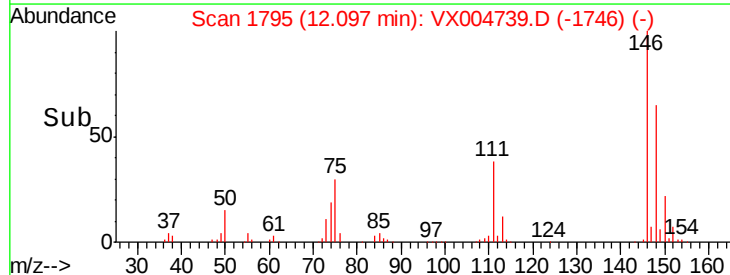
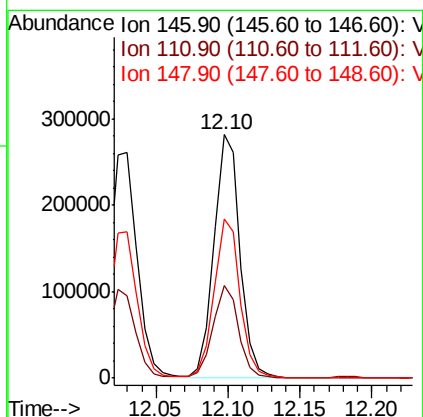
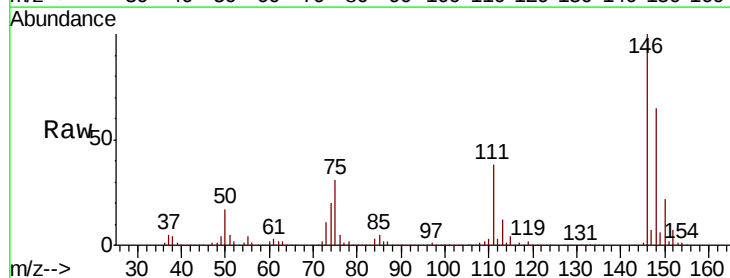
Manual Integrations
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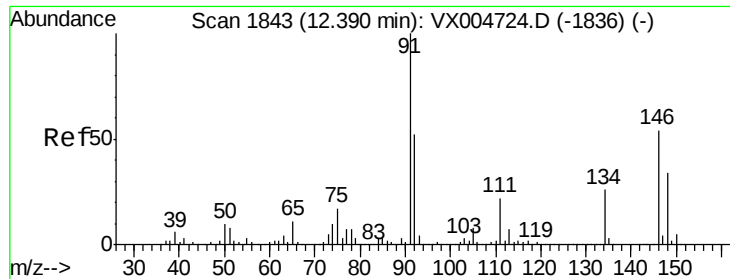
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#88
 1,4-Dichlorobenzene
 Concen: 50.110 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	65.1	32.0	96.0





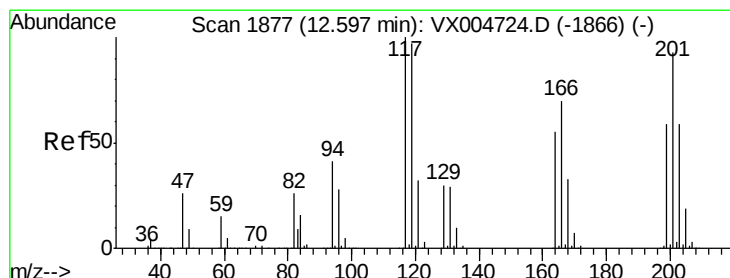
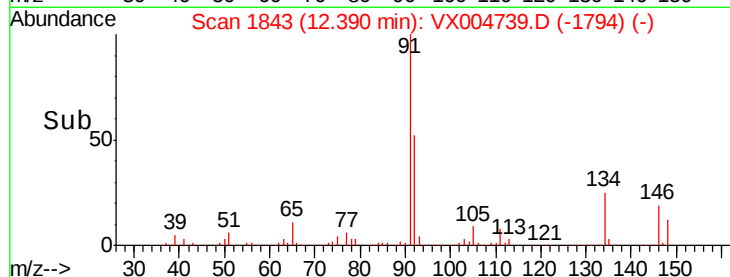
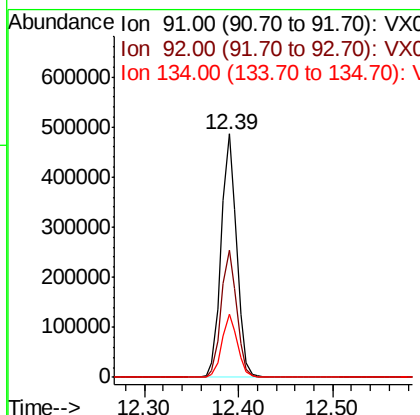
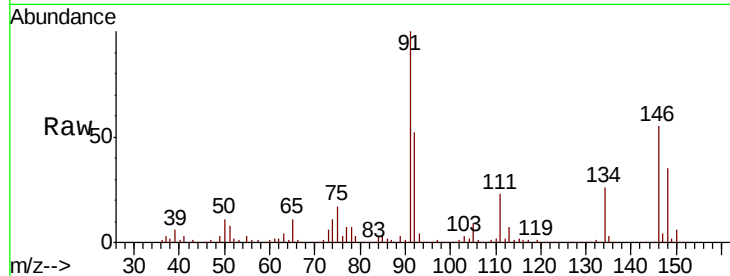
#89
n-Butylbenzene
Concen: 52.804 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.3	81.9
134	25.9	13.6	40.7

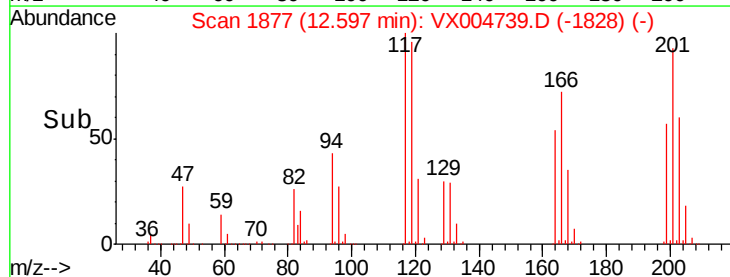
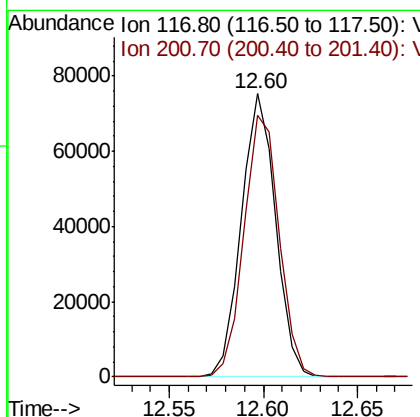
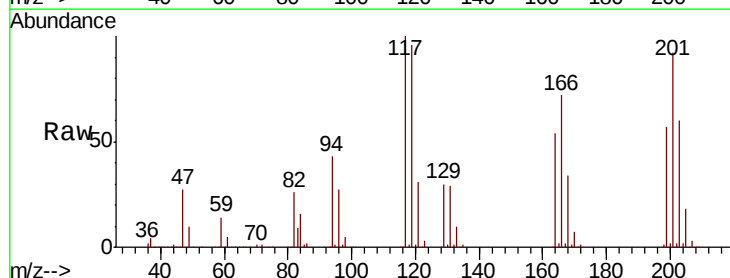
Manual Integrations
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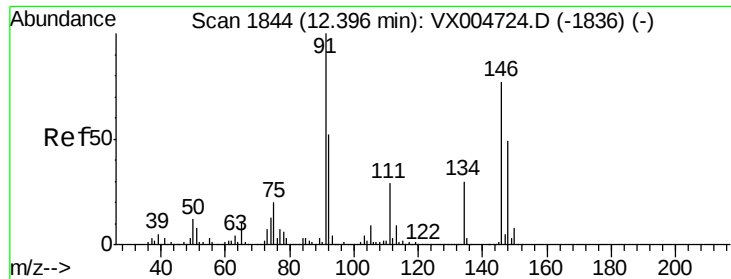
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#90
Hexachloroethane
Concen: 49.479 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.0	46.9	140.6





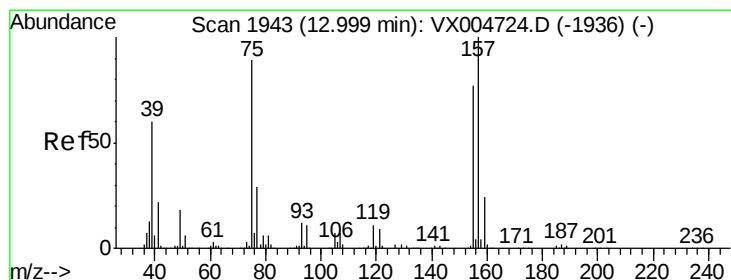
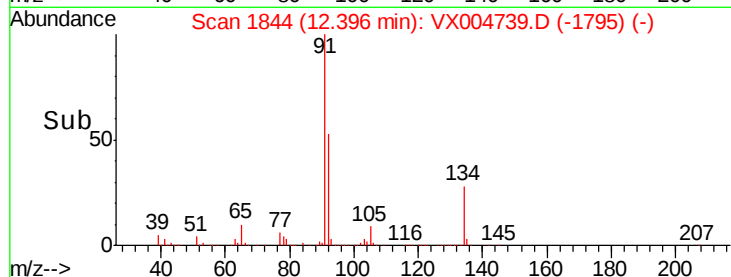
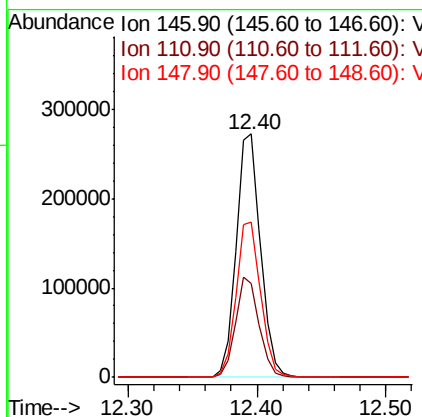
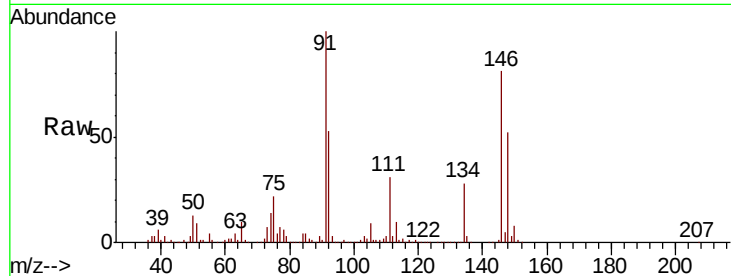
#91
 1,2-Dichlorobenzene
 Concen: 49.830 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	358052		
111	39.9	19.4	58.1	
148	64.0	32.8	98.3	

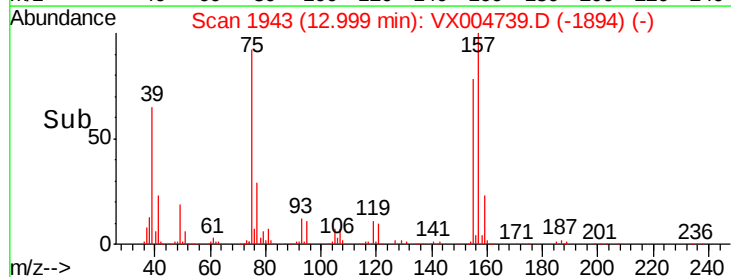
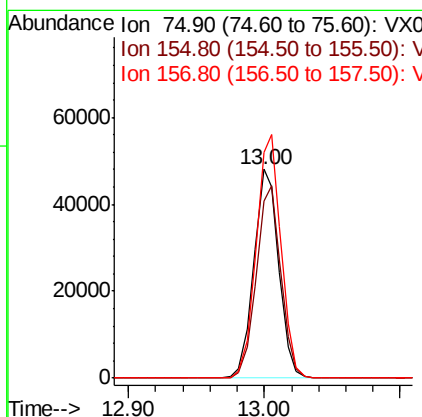
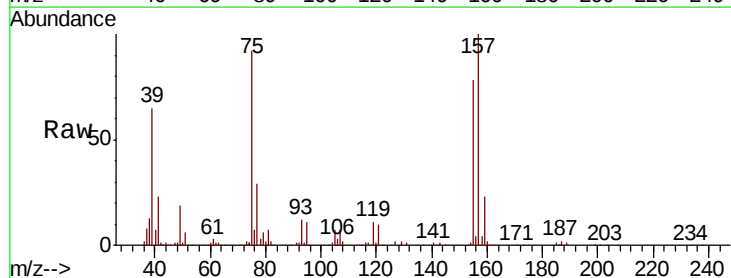
Manual Integrations
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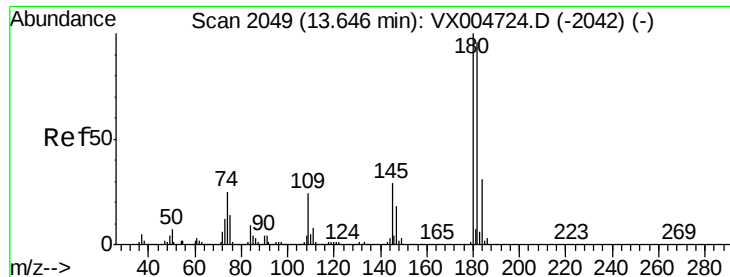
MMDadoda
 9/27/2018 12:50:35 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.529 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	61786		
155	91.2	48.0	144.2	
157	116.1	61.4	184.1	





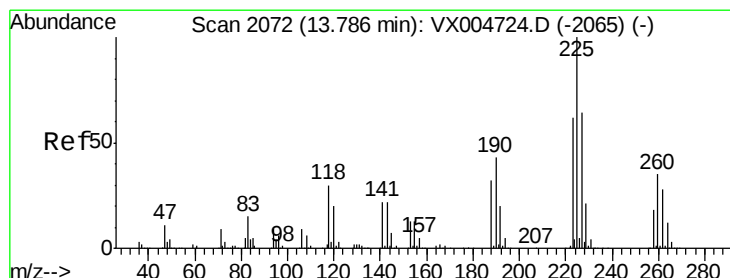
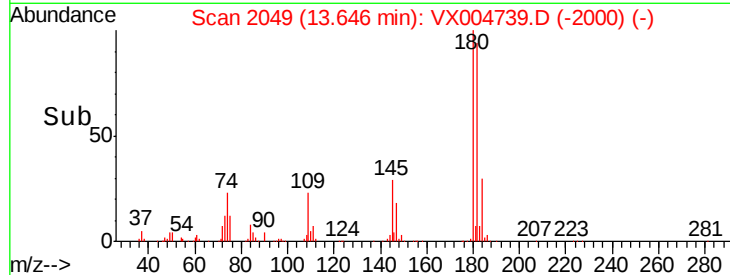
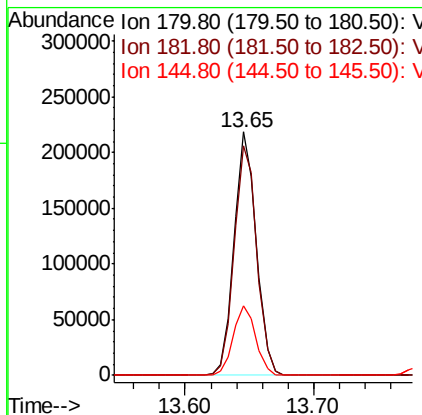
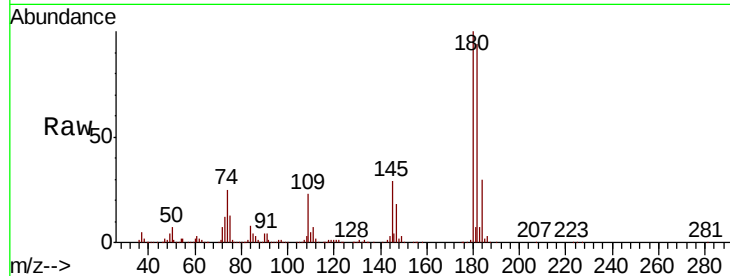
#93
 1,2,4-Trichlorobenzene
 Concen: 52.113 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	262677
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.4	145.0
145	28.9	14.3	42.9

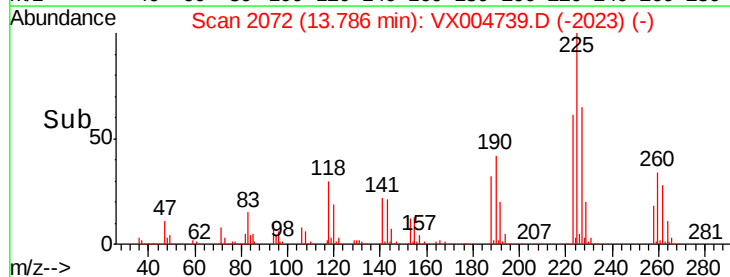
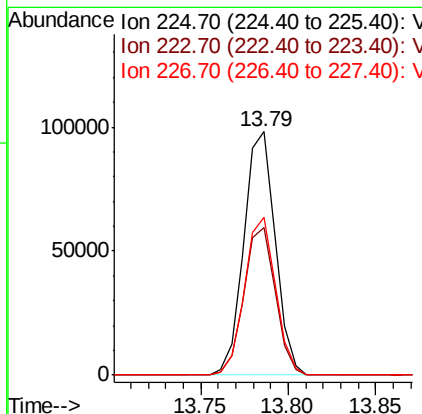
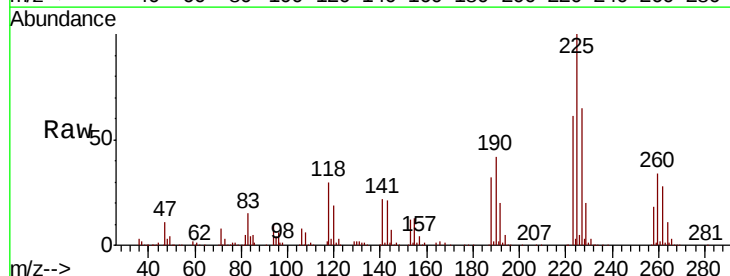
Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 12:50:35 PM



#94
 Hexachlorobutadiene
 Concen: 46.921 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion:	225	Resp:	122642
Ion Ratio	Lower	Upper	
225	100		
223	60.9	30.1	90.5
227	63.8	30.8	92.4





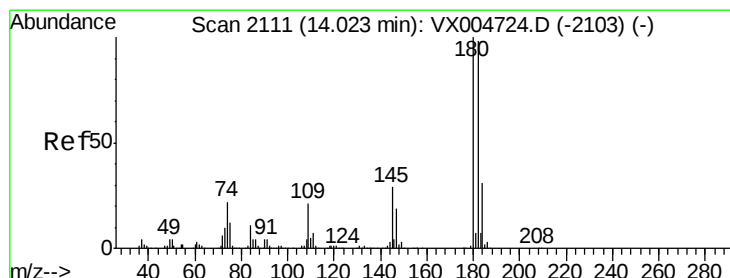
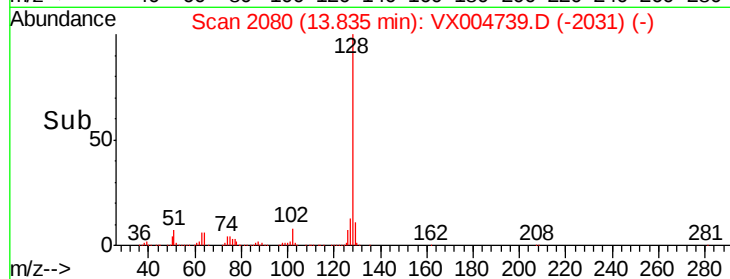
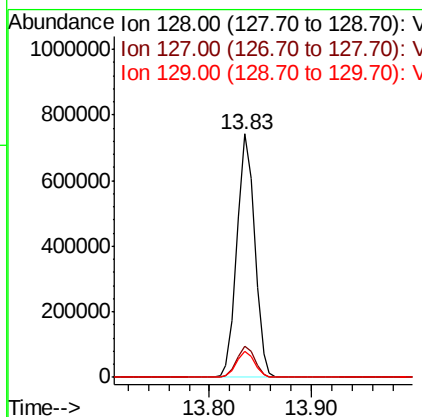
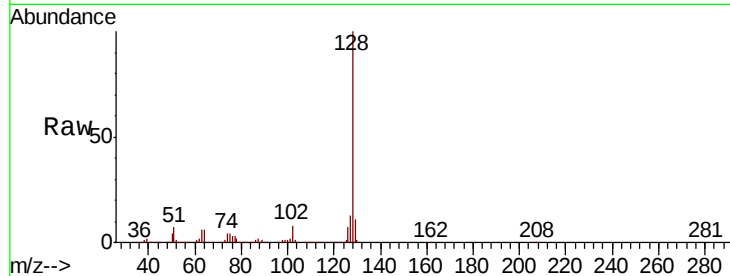
#95
Naphthalene
Concen: 52.796 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/27/2018 12:50:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.882 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.5	145.6
145	29.8	14.9	44.9

