

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000685.D
 Acq On : 05 Apr 2018 03:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 4/5/2018 6:25:30 PM

Quant Time: Apr 05 06:05:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	88364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	157278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	171472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	109269	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	72032	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	5.51	113	52616	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.73	98	220452	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.15	95	88218	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	60052	50.71	ug/l	99
3) Chloromethane	1.32	50	48849	48.20	ug/l	99
4) Vinyl Chloride	1.40	62	67331	50.68	ug/l	98
5) Bromomethane	1.64	94	82851	64.05	ug/l	94
6) Chloroethane	1.72	64	48139	49.24	ug/l	99
7) Trichlorofluoromethane	1.93	101	116005	49.25	ug/l	98
8) Diethyl Ether	2.19	74	42062	48.14	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63586	49.98	ug/l	98
10) Methyl Iodide	2.51	142	30975	36.00	ug/l	99
11) Tert butyl alcohol	3.09	59	147939	254.10	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58547	48.81	ug/l	95
13) Acrolein	2.30	56	76199	220.78	ug/l	97
14) Allyl chloride	2.73	41	116697	48.51	ug/l	99
15) Acrylonitrile	3.15	53	281739	262.39	ug/l	99
16) Acetone	2.45	43	284911	230.67	ug/l	95
17) Carbon Disulfide	2.57	76	128666	45.64	ug/l	100
18) Methyl Acetate	2.78	43	146179	53.07	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	230574	53.17	ug/l	97
20) Methylene Chloride	2.86	84	67235	47.73	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	62532	48.08	ug/l	95
22) Diisopropyl ether	3.89	45	164159	47.95	ug/l	93
23) Vinyl Acetate	3.83	43	780966	235.92	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111509	49.00	ug/l	99
25) 2-Butanone	4.72	43	331105	264.45	ug/l	97
26) 2,2-Dichloropropane	4.59	77	57375	46.05	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	50927	51.72	ug/l	99
28) Bromochloromethane	5.03	49	45484	53.35	ug/l	98
29) Tetrahydrofuran	5.18	42	216468	268.71	ug/l	99
30) Chloroform	5.23	83	102765	53.27	ug/l	95
31) Cyclohexane	5.59	56	76405	51.56	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	87639	55.20	ug/l	99
36) 1,1-Dichloropropene	5.81	75	71275	48.85	ug/l	99
37) Ethyl Acetate	4.87	43	114785	51.70	ug/l	100
38) Carbon Tetrachloride	5.79	117	72657	51.73	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	81753	48.47	ug/l	95
40) Benzene	6.15	78	210771	50.58	ug/l	100
41) Methacrylonitrile	5.07	41	60190	49.48	ug/l	99
42) 1,2-Dichloroethane	6.21	62	89618	51.43	ug/l	98
43) Isopropyl Acetate	6.48	43	169832	52.76	ug/l	100
44) Trichloroethene	7.22	130	56441	49.03	ug/l	96
45) 1,2-Dichloropropane	7.53	63	58492	52.07	ug/l	99
46) Dibromomethane	7.67	93	42509	51.57	ug/l	99
47) Bromodichloromethane	7.91	83	80108	51.10	ug/l	96
48) Methyl methacrylate	7.79	41	84547	51.24	ug/l	100
49) 1,4-Dioxane	7.76	88	34417	984.19	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	729691	278.70	ug/l	99
52) Toluene	8.79	92	153353	52.09	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	90417	53.35	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	91301	45.89	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	63669	51.87	ug/l	97
56) Ethyl methacrylate	9.19	69	103018	46.64	ug/l	98
57) 1,3-Dichloropropane	9.38	76	107154	53.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	251348	264.77	ug/l	98
59) 2-Hexanone	9.51	43	632608	284.12	ug/l	98
60) Dibromochloromethane	9.59	129	67556	45.04	ug/l	99
61) 1,2-Dibromoethane	9.68	107	70748	53.45	ug/l	98
64) Tetrachloroethene	9.34	164	53737	48.11	ug/l	94
65) Chlorobenzene	10.15	112	180414	51.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	60999	51.23	ug/l	97
67) Ethyl Benzene	10.26	91	321895	52.10	ug/l	99
68) m/p-Xylenes	10.37	106	250907	107.75	ug/l	99
69) o-Xylene	10.71	106	118046	51.49	ug/l	99
70) Styrene	10.72	104	213380	55.20	ug/l	98
71) Bromoform	10.87	173	53326	43.95	ug/l #	97
73) Isopropylbenzene	11.02	105	342872	51.90	ug/l	100
74) N-amyl acetate	6.48	43	169832	47.91	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	130380	51.86	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	115960m	48.66	ug/l	
77) Bromobenzene	11.26	156	78779	47.70	ug/l	95
78) n-propylbenzene	11.37	91	421670	52.35	ug/l	100
79) 2-Chlorotoluene	11.43	91	237804	51.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	300201	53.21	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	34278	51.57	ug/l	98
82) 4-Chlorotoluene	11.52	91	303446	52.99	ug/l	100
83) tert-Butylbenzene	11.78	119	290680	52.86	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	312943	53.04	ug/l	100
85) sec-Butylbenzene	11.95	105	375212	53.71	ug/l	99
86) p-Isopropyltoluene	12.07	119	335390	55.16	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	163588	50.84	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	176079	50.02	ug/l	99
89) n-Butylbenzene	12.40	91	330157	53.23	ug/l	98
90) Hexachloroethane	12.60	117	53239	51.54	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	167727	49.98	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39388	54.89	ug/l	98

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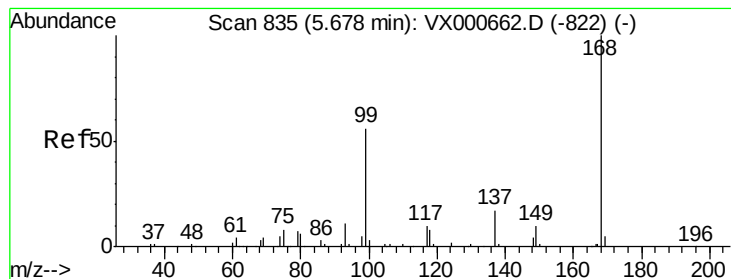
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114568	50.72	ug/l	99
94) Hexachlorobutadiene	13.79	225	42760	49.41	ug/l	99
95) Naphthalene	13.84	128	436035	53.03	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	114137	50.21	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 88364

Ion Ratio Lower Upper

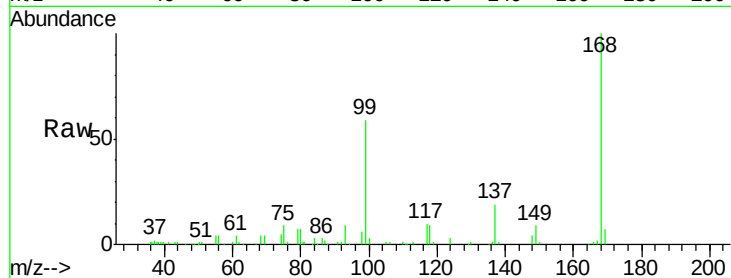
168 100

99 59.1 44.7 67.1

Manual Integrations
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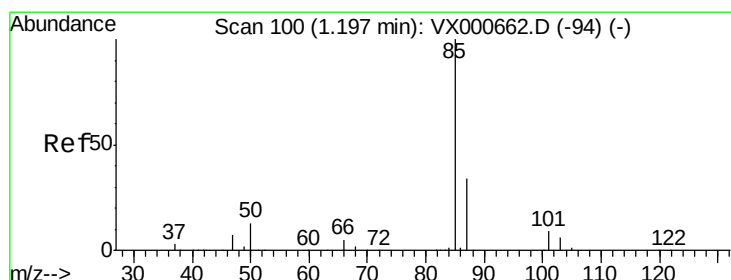
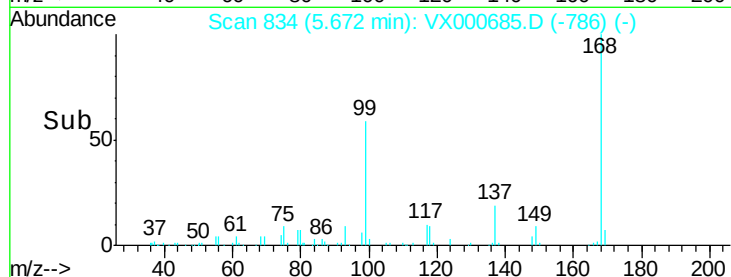
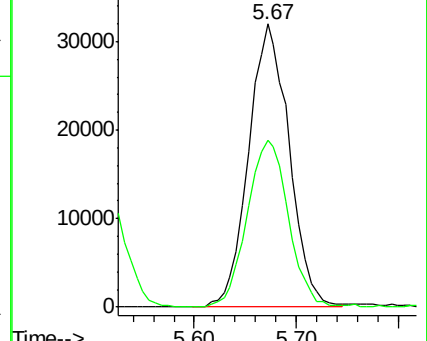
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.71 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000685.D

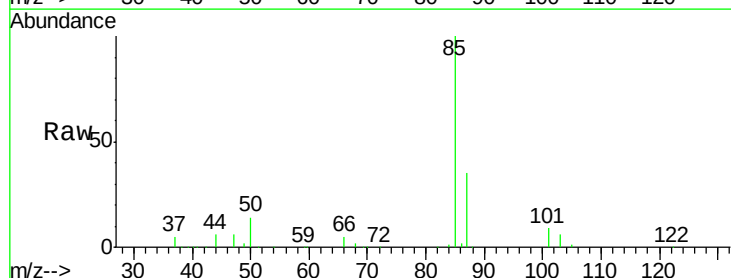
Acq: 05 Apr 2018 03:39

Tgt Ion: 85 Resp: 60052

Ion Ratio Lower Upper

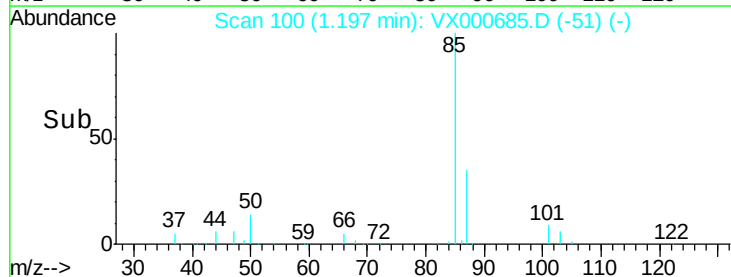
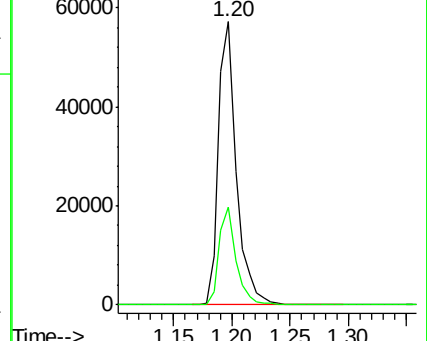
85 100

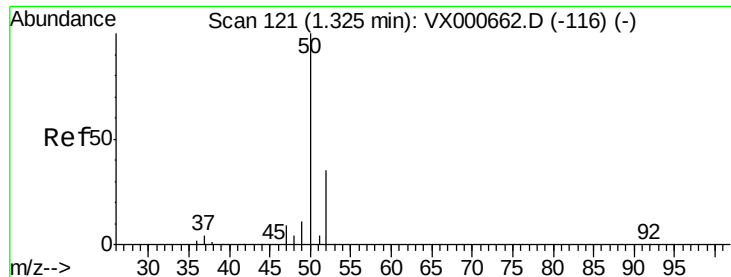
87 34.5 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 48849

Ion Ratio Lower Upper

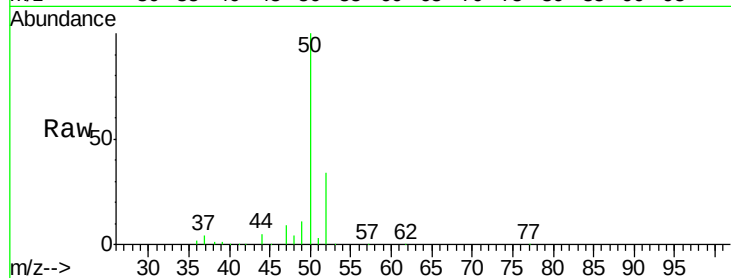
50 100

52 34.1 28.0 42.0

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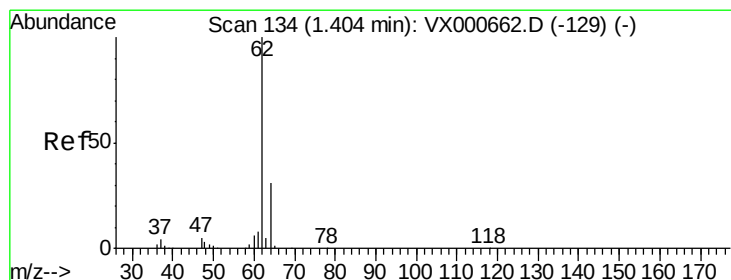
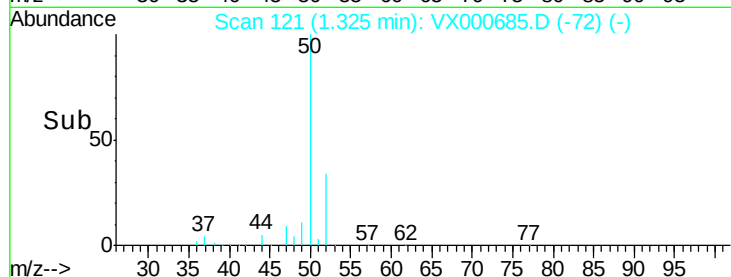
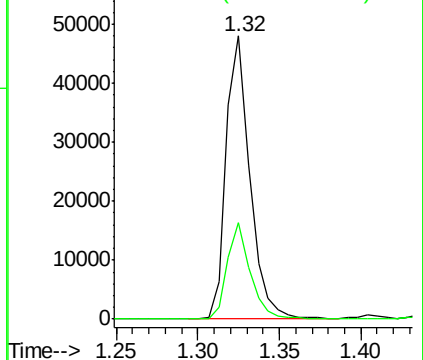
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.68 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000685.D

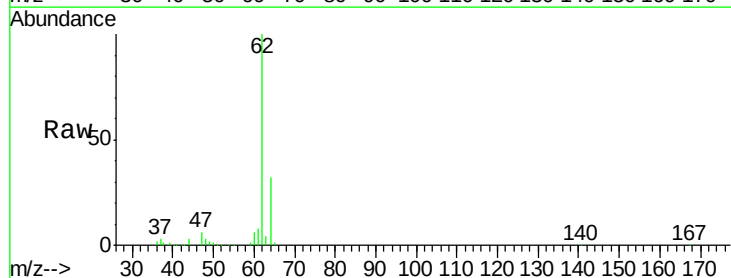
Acq: 05 Apr 2018 03:39

Tgt Ion: 62 Resp: 67331

Ion Ratio Lower Upper

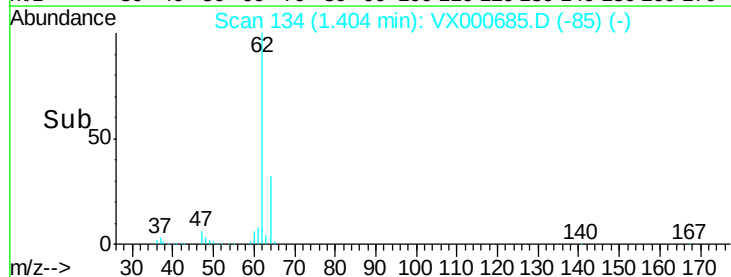
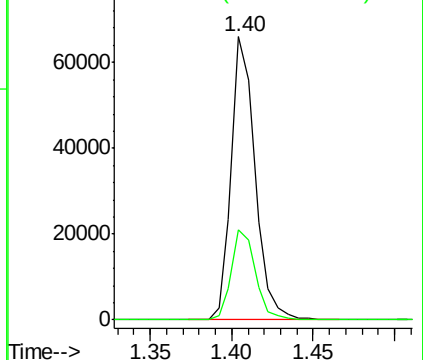
62 100

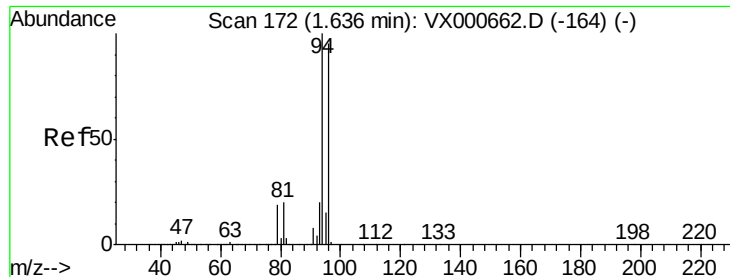
64 31.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 64.05 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 82851

Ion Ratio Lower Upper

94 100

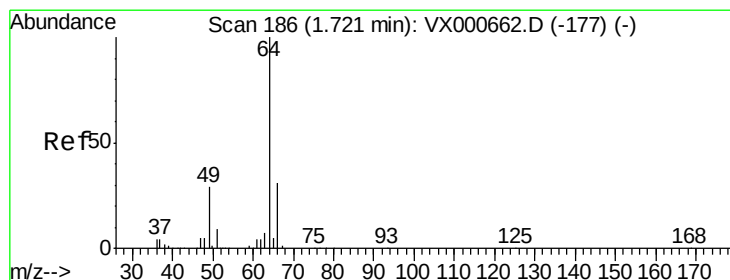
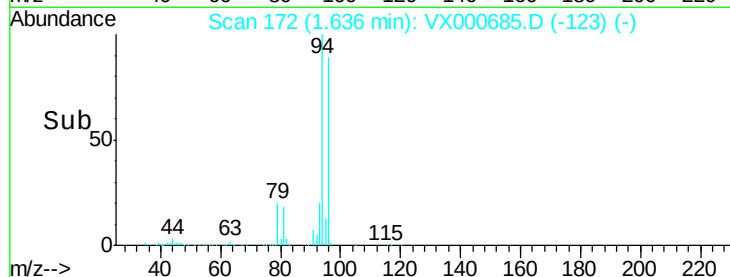
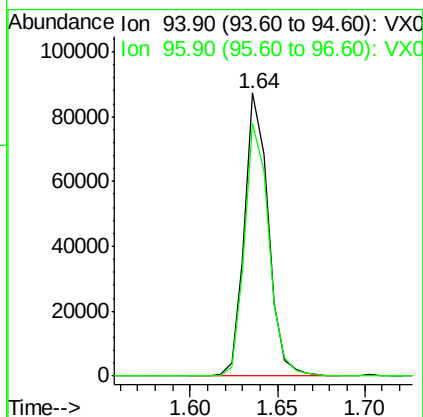
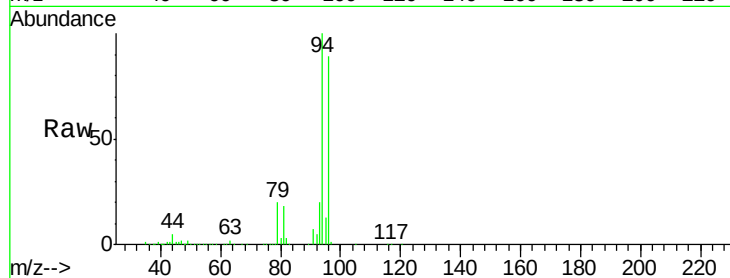
96 89.1 76.3 114.5

Manual Integrations

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#6

Chloroethane

Concen: 49.24 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000685.D

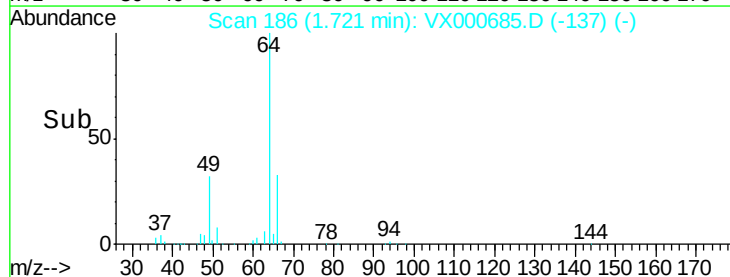
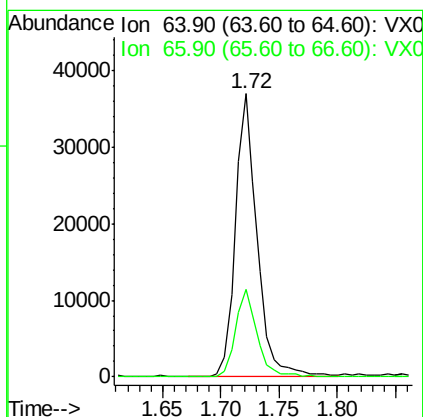
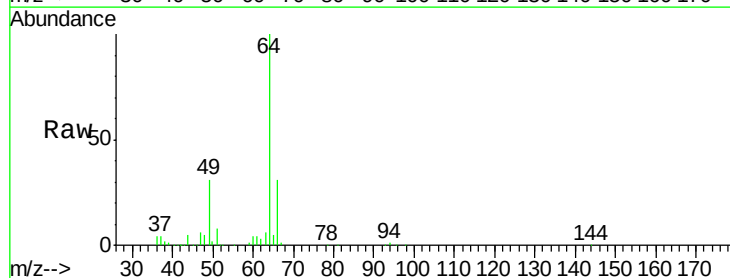
Acq: 05 Apr 2018 03:39

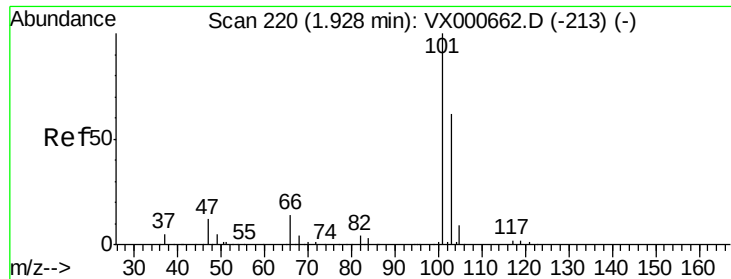
Tgt Ion: 64 Resp: 48139

Ion Ratio Lower Upper

64 100

66 30.9 25.0 37.6





#7

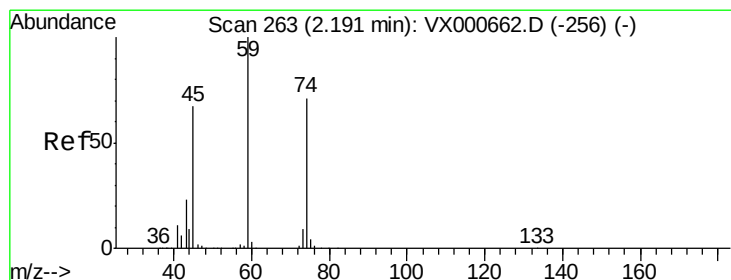
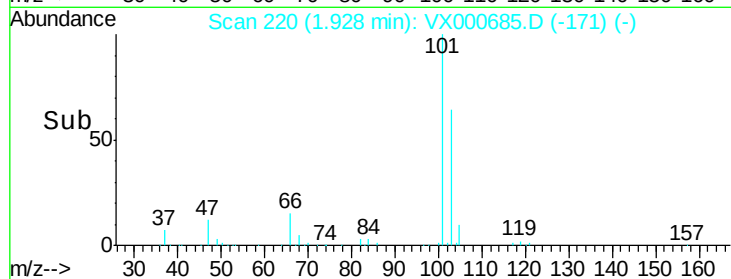
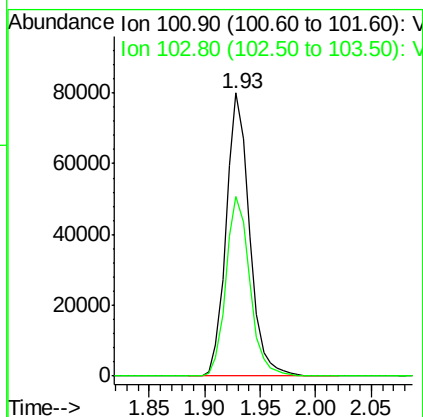
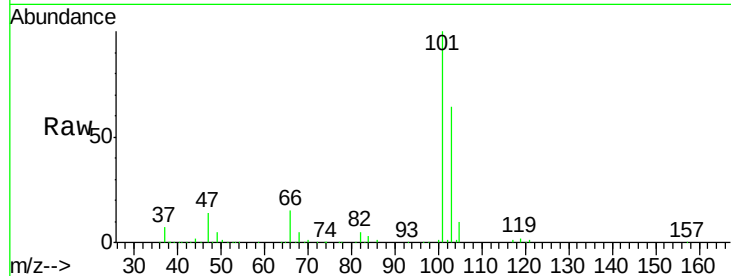
Trichlorofluoromethane
 Concen: 49.25 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 116005
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.4 74.0

Manual Integrations
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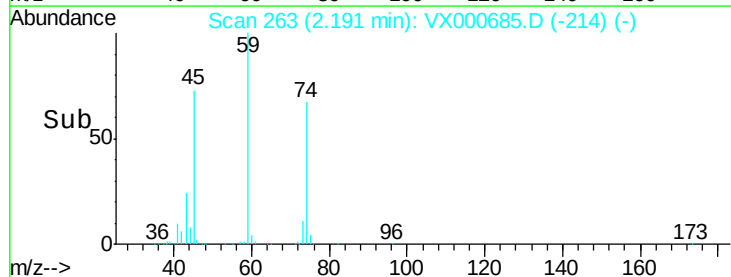
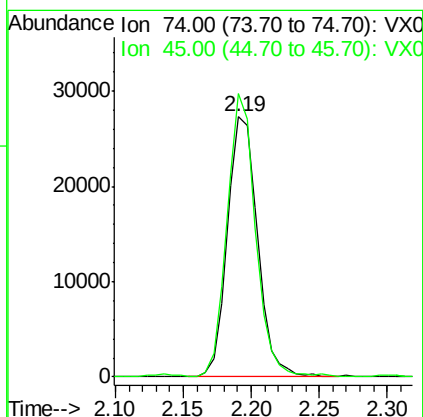
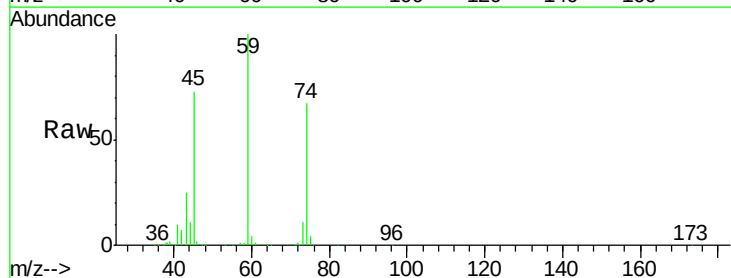
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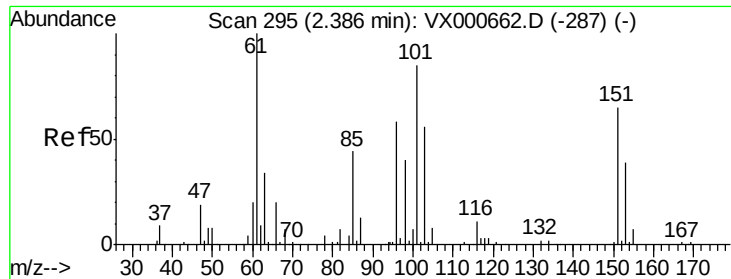


#8

Diethyl Ether
 Concen: 48.14 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion: 74 Resp: 42062
 Ion Ratio Lower Upper
 74 100
 45 103.4 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.98 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

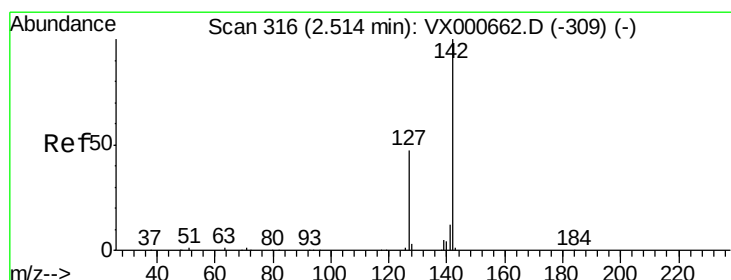
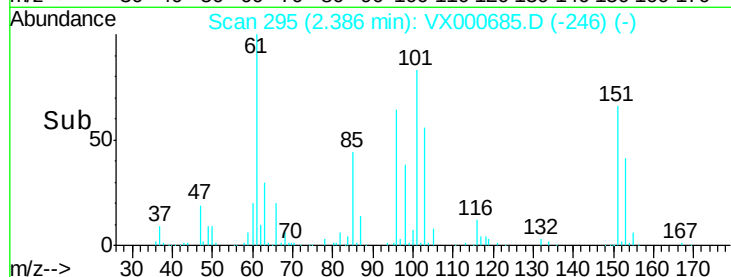
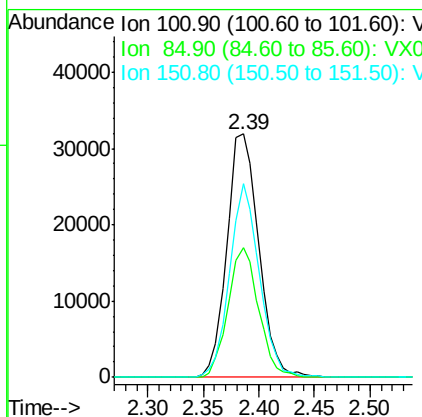
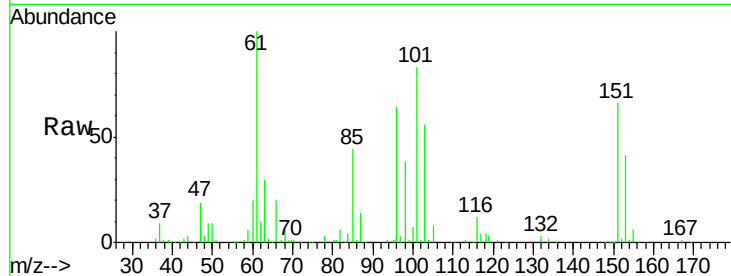
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	63586
Ion Ratio	Lower	Upper	
101	100		
85	51.1	40.0	60.0
151	74.2	57.4	86.2

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#10

Methyl Iodide

Concen: 36.00 ug/l

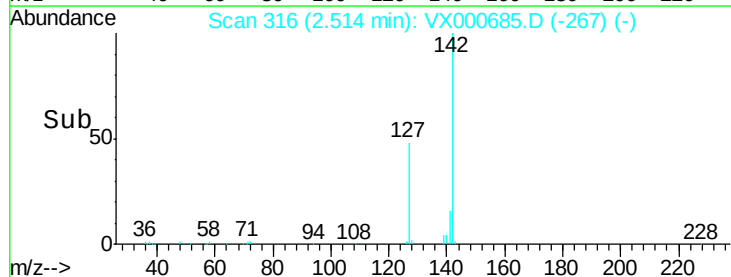
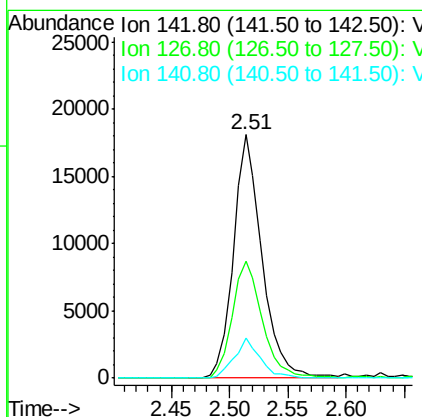
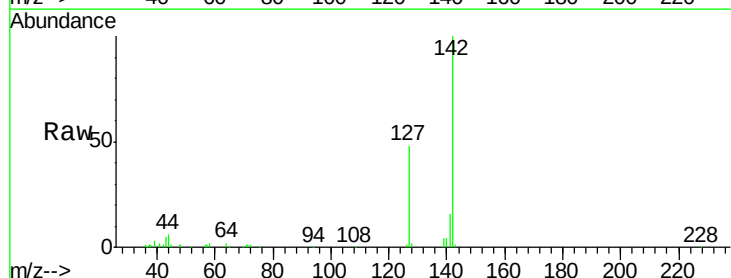
RT: 2.51 min Scan# 316

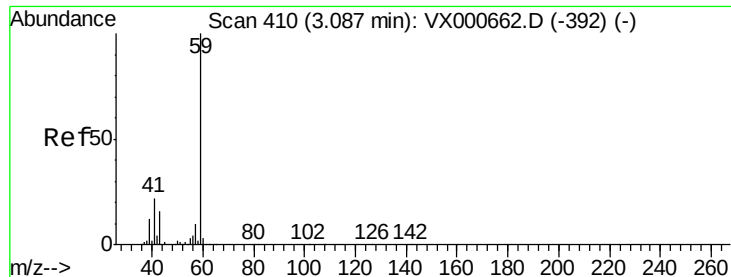
Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Tgt Ion:	142	Resp:	30975
Ion Ratio	Lower	Upper	
142	100		
127	50.7	40.7	61.1
141	15.0	11.1	16.7





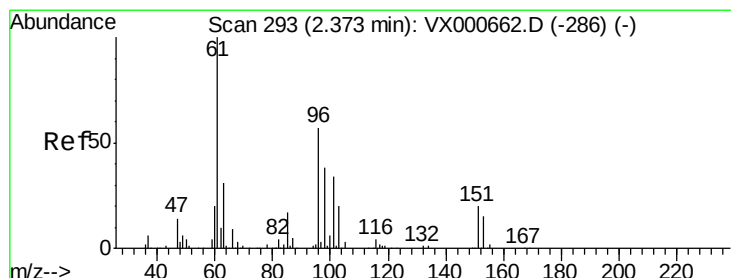
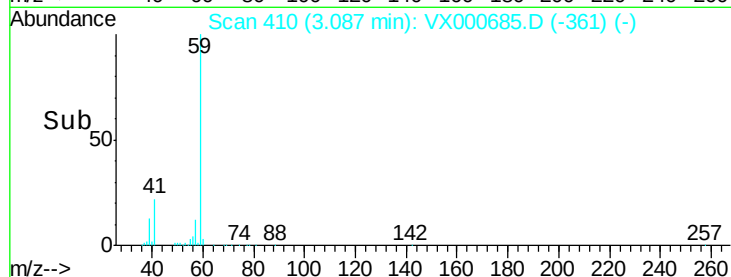
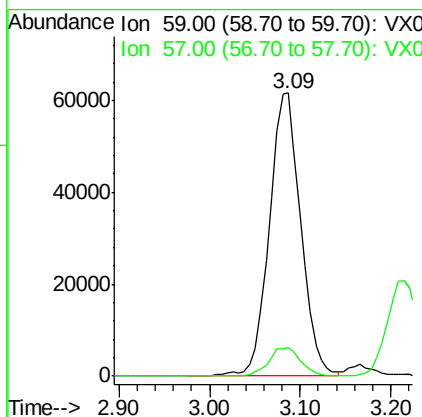
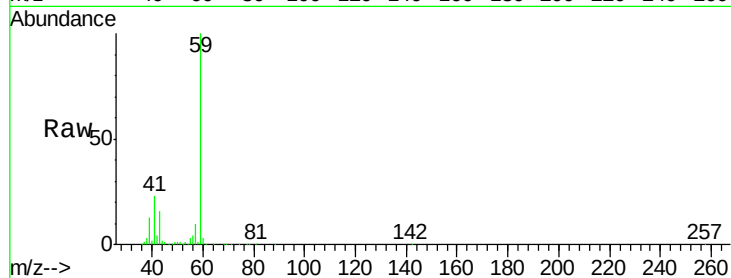
#11
Tert butyl alcohol
Concen: 254.10 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

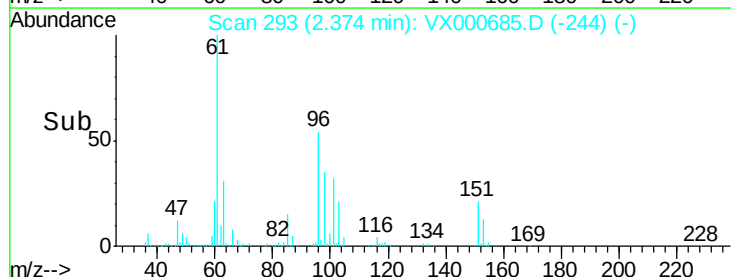
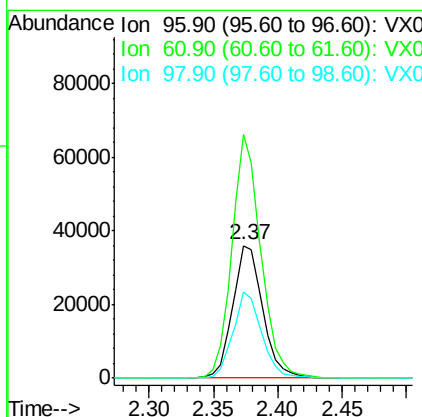
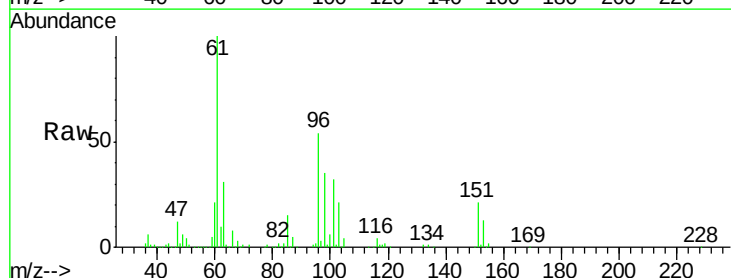
Manual Integrations
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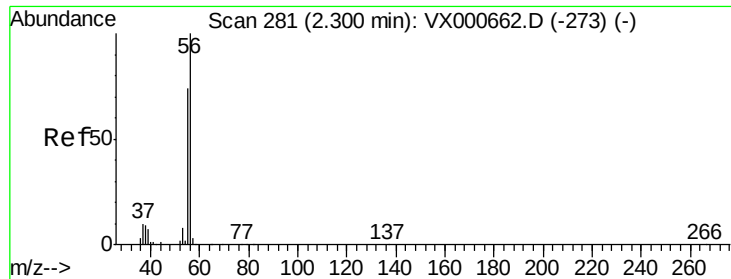
sam
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#12
1,1-Dichloroethene
Concen: 48.81 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.9	140.2	210.2
98	65.0	52.6	79.0





#13

Acrolein

Concen: 220.78 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 76199

Ion Ratio Lower Upper

56 100

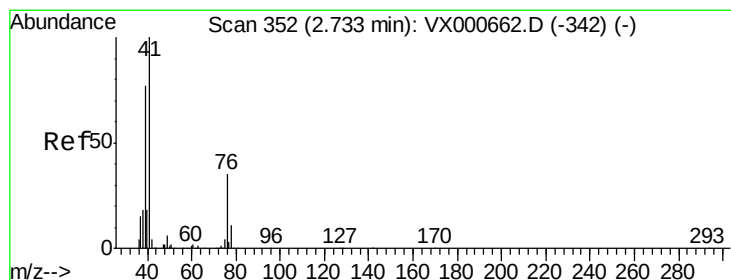
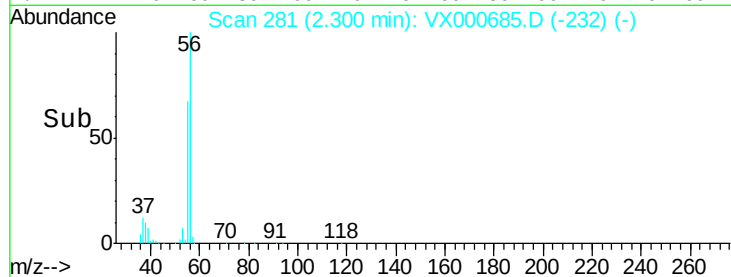
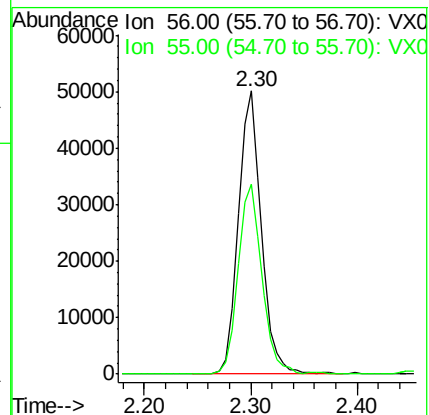
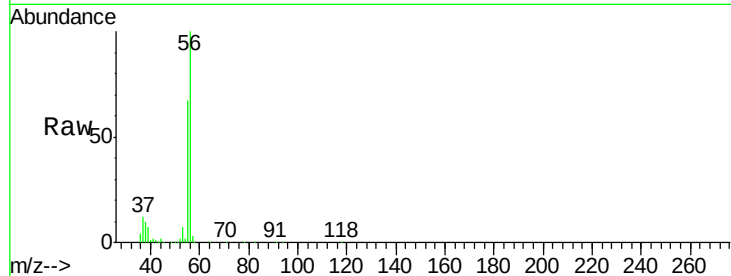
55 69.9 58.1 87.1

Manual Integrations

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#14

Allyl chloride

Concen: 48.51 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

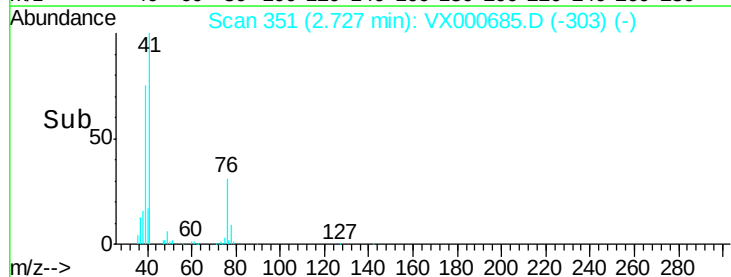
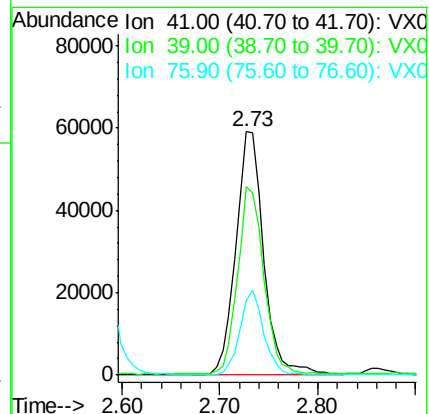
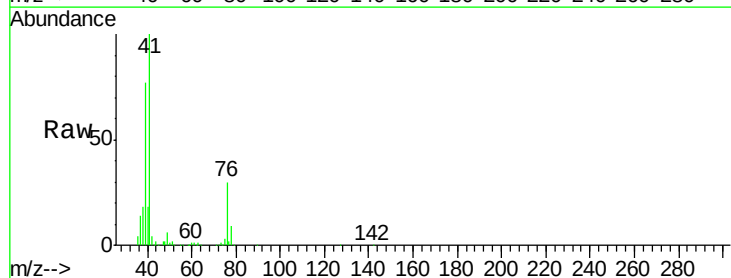
Tgt Ion: 41 Resp: 116697

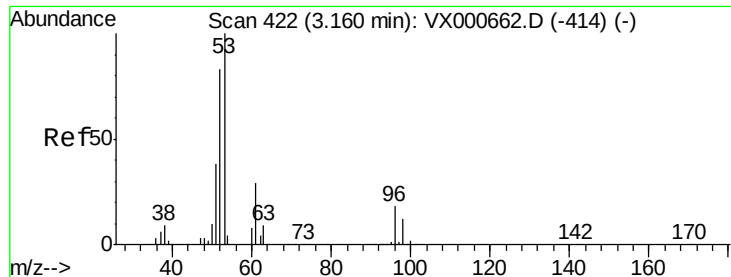
Ion Ratio Lower Upper

41 100

39 72.2 57.0 85.6

76 30.1 23.9 35.9





#15

Acrylonitrile

Concen: 262.39 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

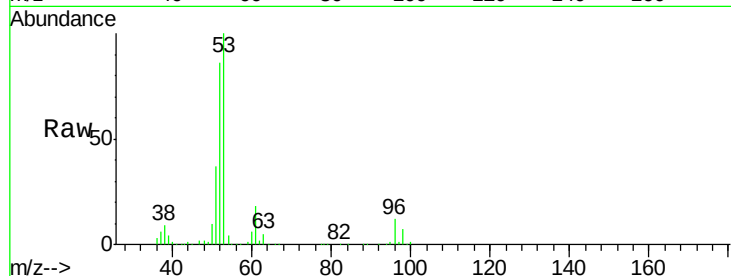
ClientSampleId :

VSTDCCC050EC

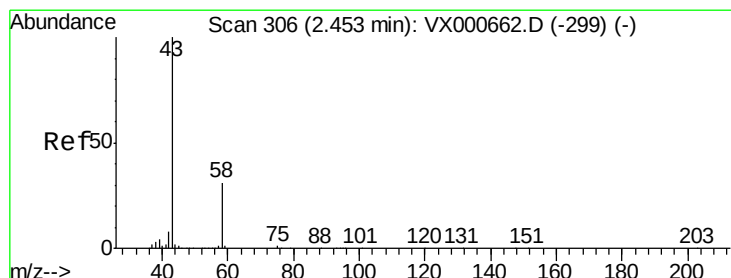
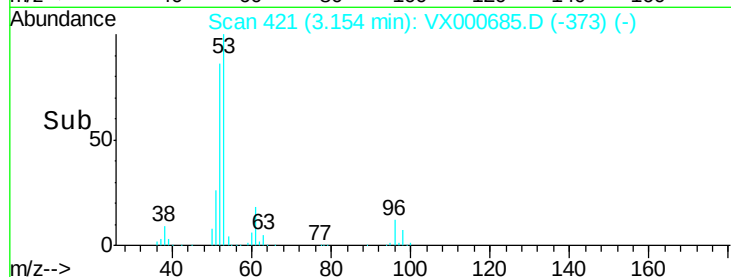
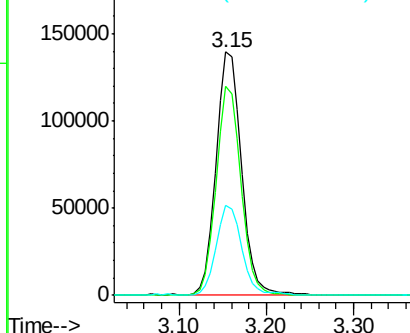
Tot Ion:	53	Resp:	281739
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.5	99.7
51	37.4	30.6	46.0

Manual Integrations
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Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 230.67 ug/l

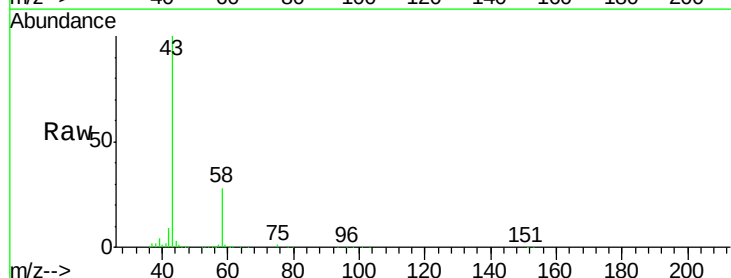
RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

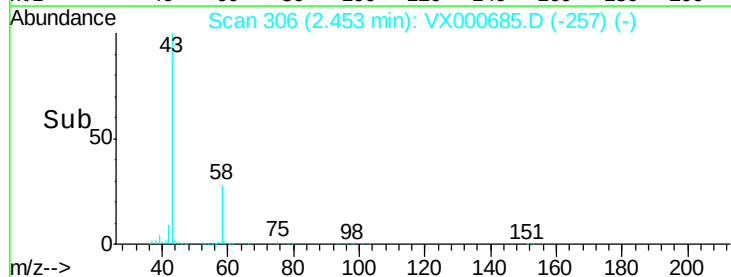
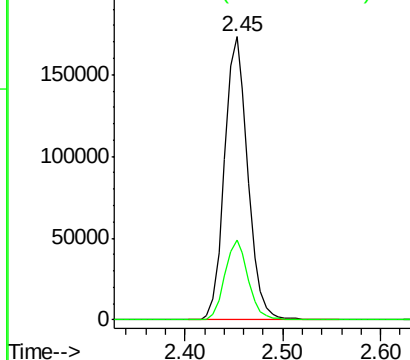
Lab File: VX000685.D

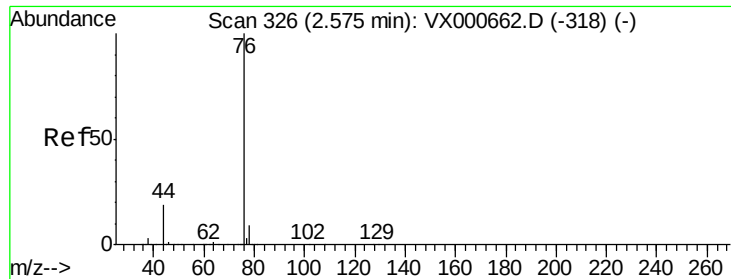
Acq: 05 Apr 2018 03:39

Tgt Ion:	43	Resp:	284911
Ion Ratio	Lower	Upper	
43	100		
58	28.4	24.7	37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





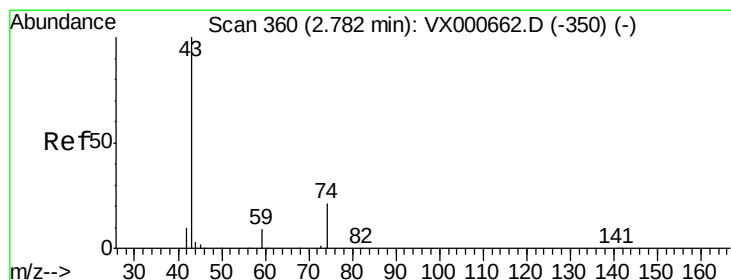
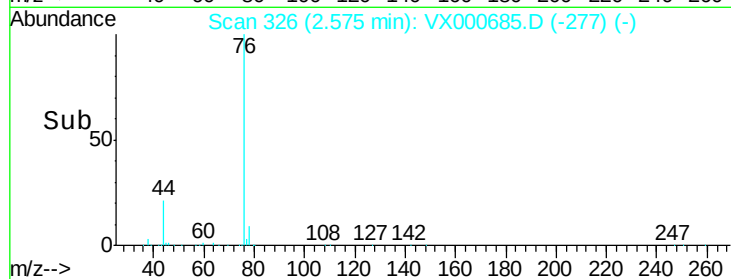
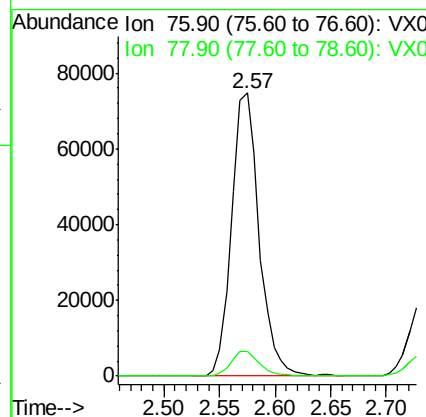
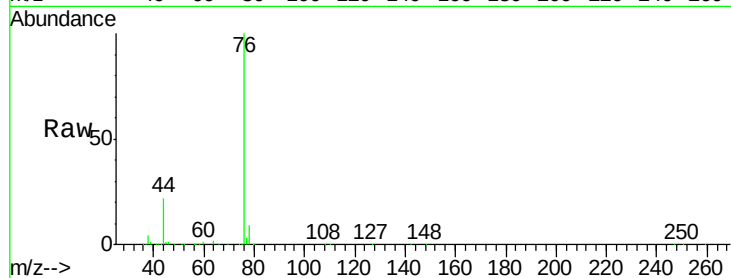
#17
Carbon Disulfide
Concen: 45.64 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

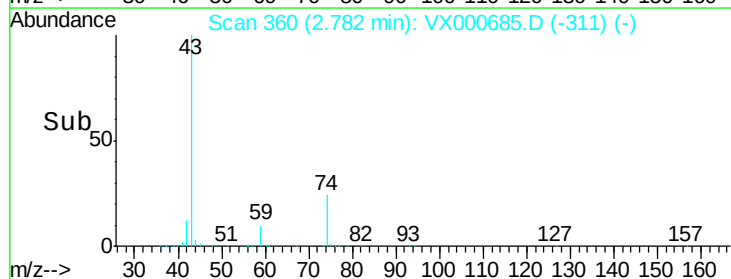
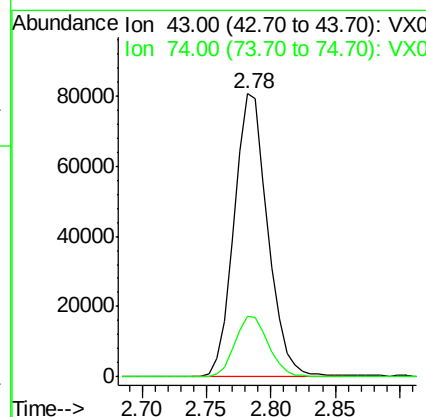
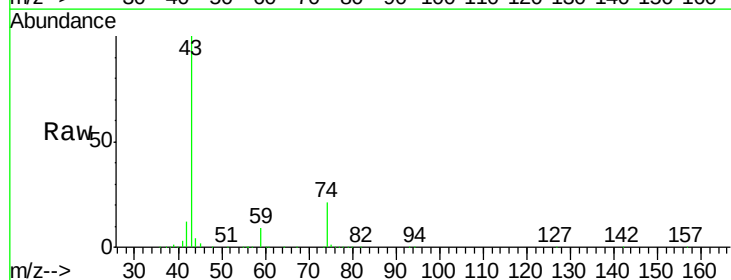
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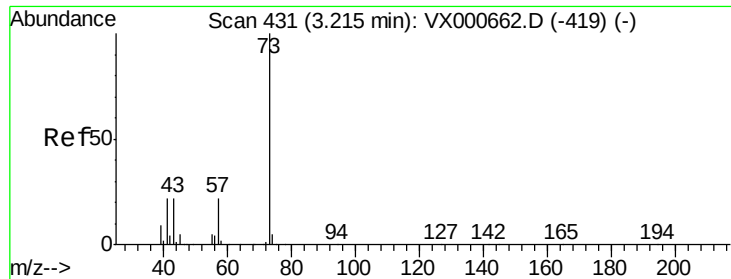
sam
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#18
Methyl Acetate
Concen: 53.07 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.0	25.4





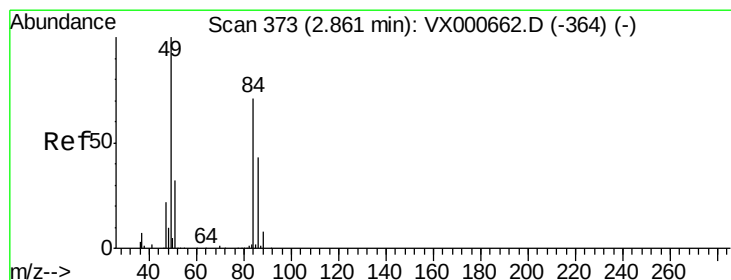
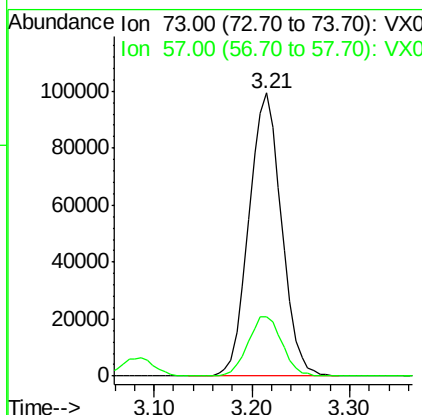
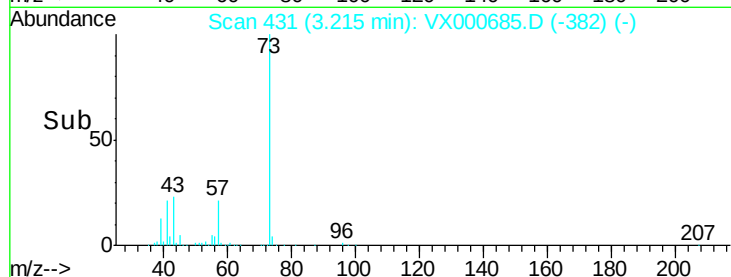
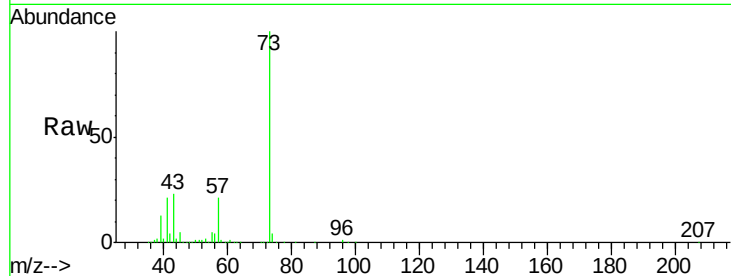
#19
Methyl tert-butyl Ether
Concen: 53.17 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 230574
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.6

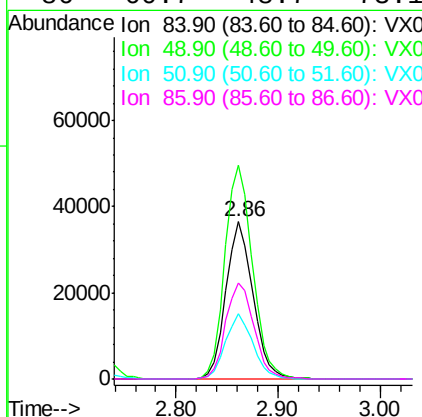
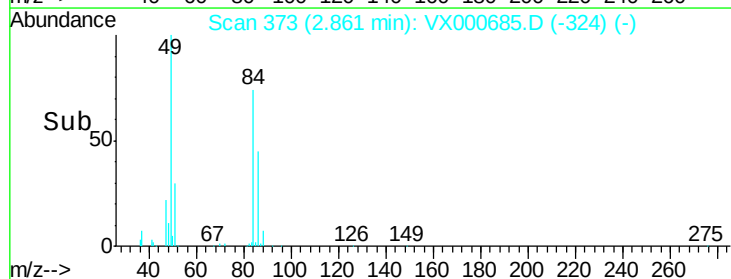
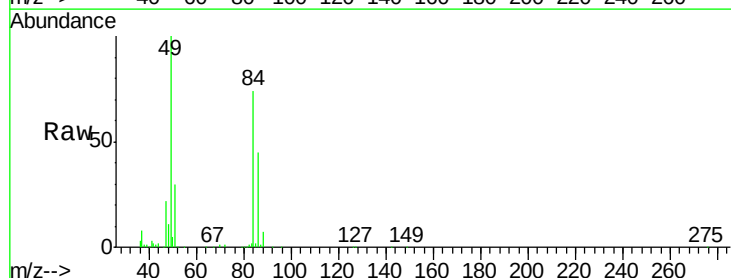
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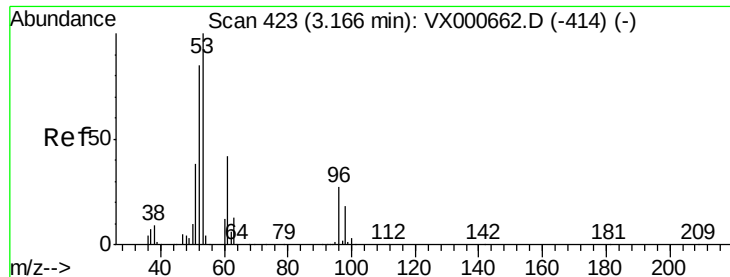
sam
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#20
Methylene Chloride
Concen: 47.73 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion: 84 Resp: 67235
Ion Ratio Lower Upper
84 100
49 135.7 112.1 168.1
51 41.2 35.4 53.0
86 60.7 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 48.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

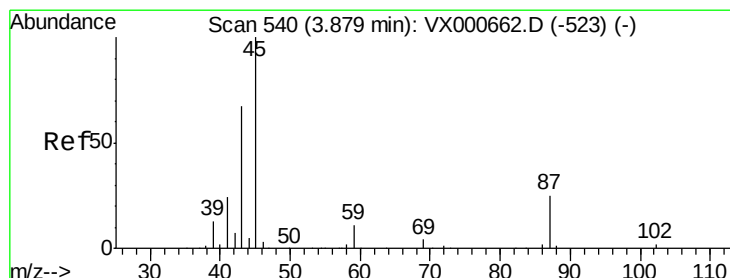
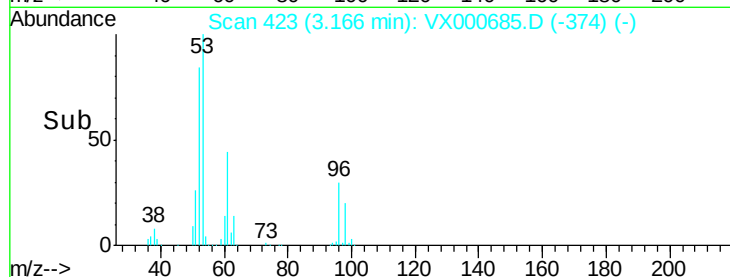
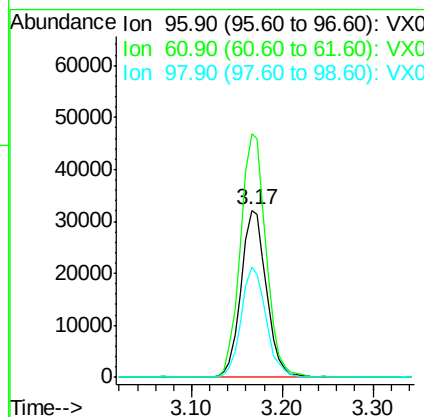
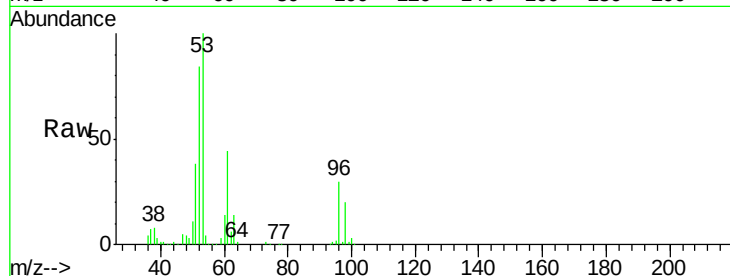
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	62532
Ion	Ratio	Lower	Upper
96	100		
61	145.1	123.5	185.3
98	65.7	51.9	77.9

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#22

Diisopropyl ether

Concen: 47.95 ug/l

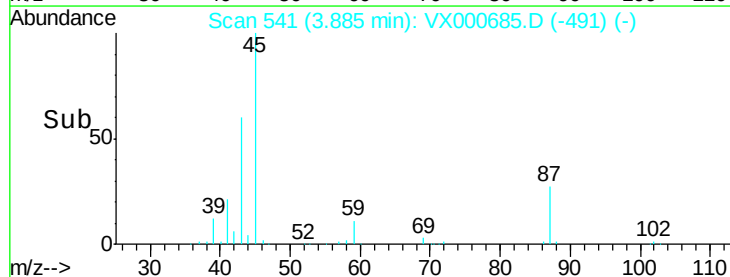
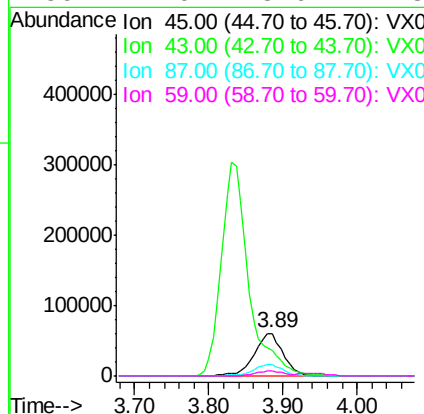
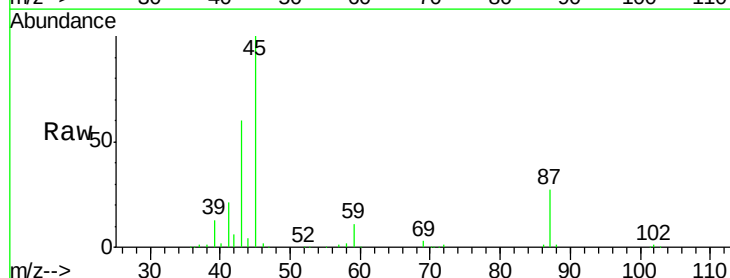
RT: 3.89 min Scan# 541

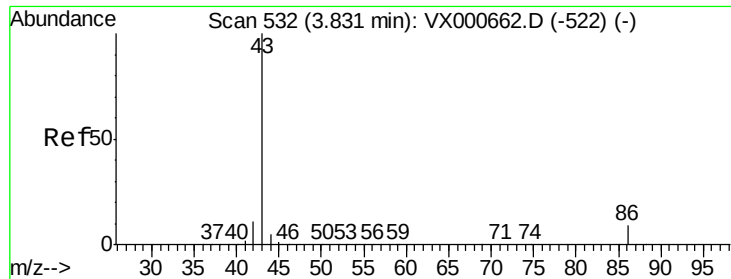
Delta R.T. 0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Tgt Ion:	45	Resp:	164159
Ion	Ratio	Lower	Upper
45	100		
43	59.5	53.8	80.8
87	26.8	19.8	29.6
59	11.0	8.6	12.8





#23

Vinyl Acetate

Concen: 235.92 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 780966

Ion Ratio Lower Upper

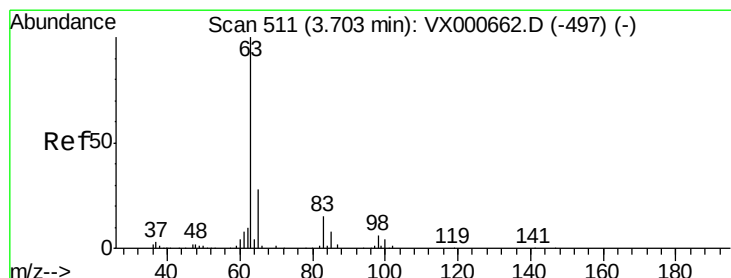
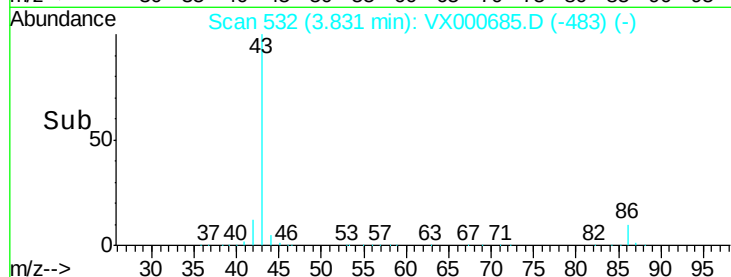
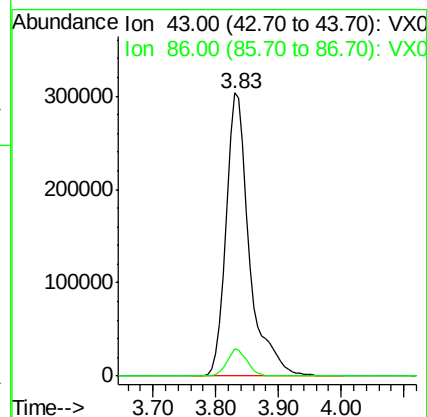
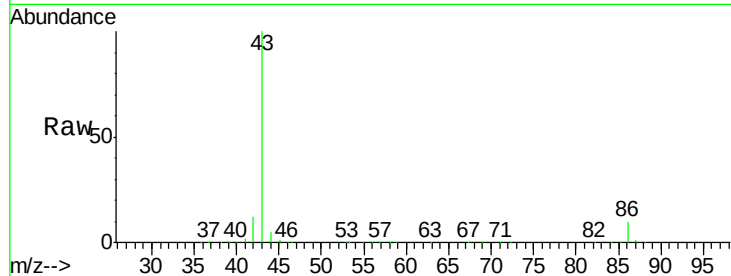
43 100

86 9.5 7.4 11.2

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#24

1,1-Dichloroethane

Concen: 49.00 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

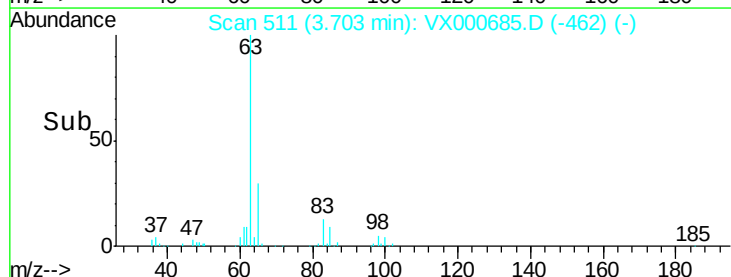
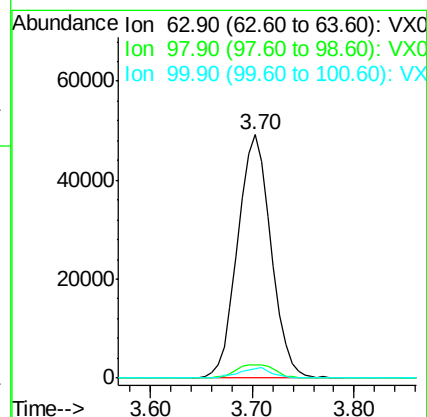
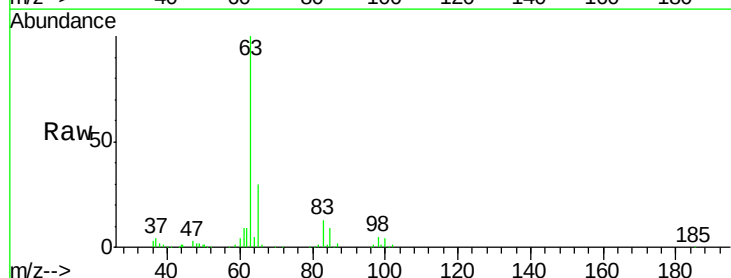
Tgt Ion: 63 Resp: 111509

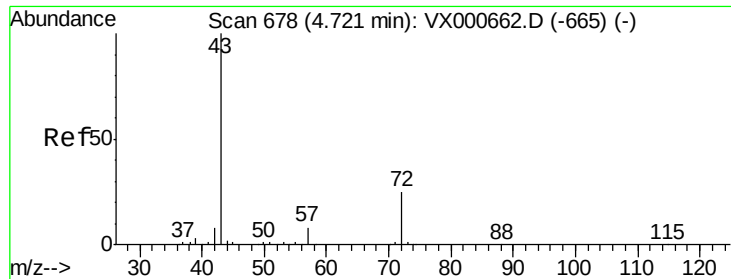
Ion Ratio Lower Upper

63 100

98 5.5 3.0 9.0

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 264.45 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 331105

Ion Ratio Lower Upper

43 100

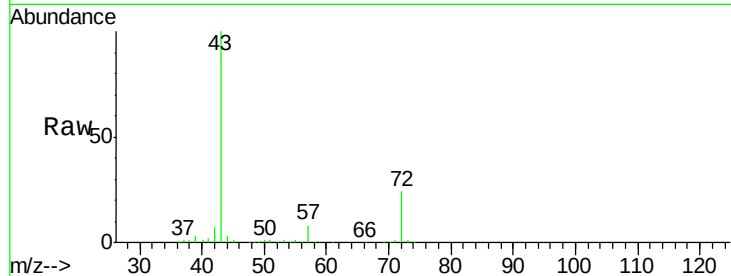
72 23.7 20.0 30.0

Manual Integrations

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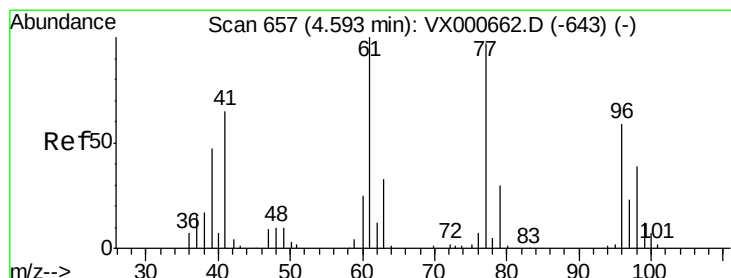
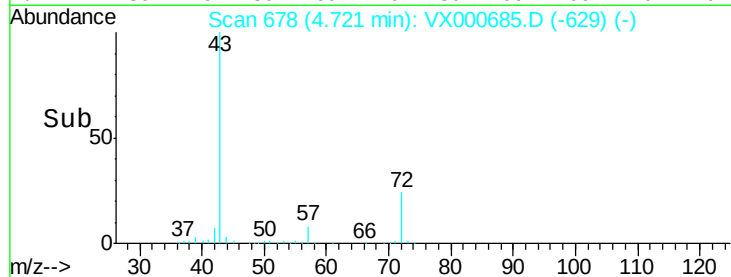
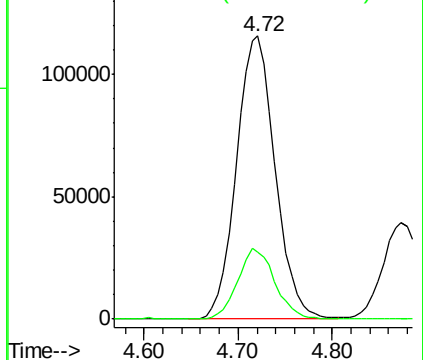
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.05 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000685.D

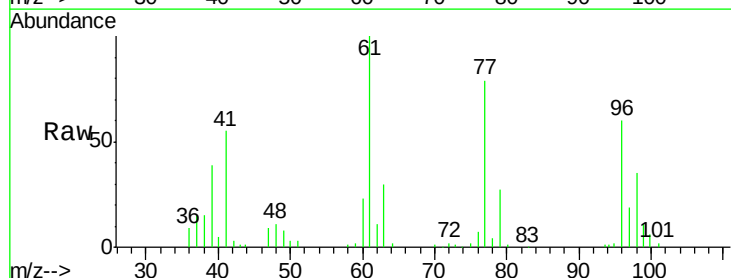
Acq: 05 Apr 2018 03:39

Tgt Ion: 77 Resp: 57375

Ion Ratio Lower Upper

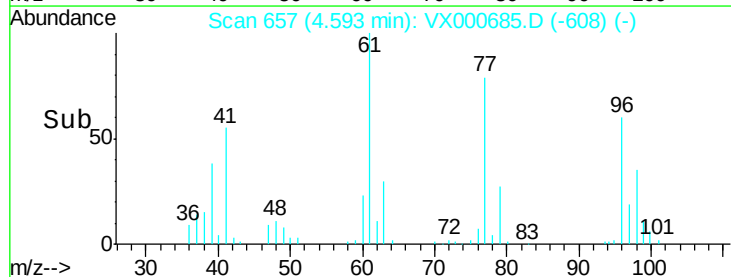
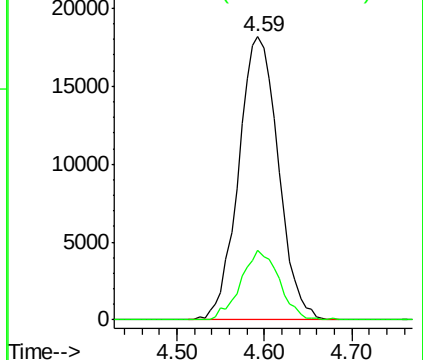
77 100

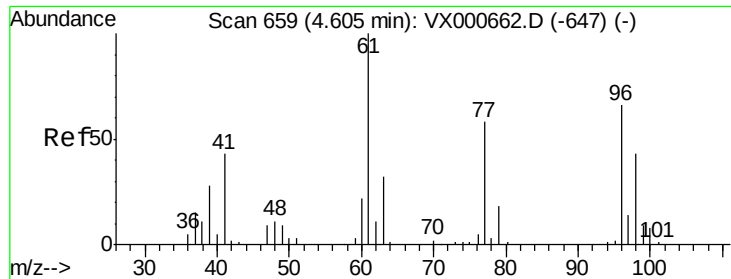
97 23.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 51.72 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Tot Ion:	96	Resp:	50927
Ion	Ratio	Lower	Upper
96	100		
61	155.8	0.0	309.4
98	63.1	0.0	129.2

Instrument :

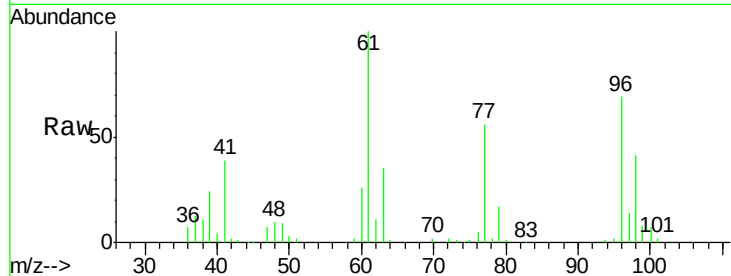
MSVOA_X

ClientSampleId :

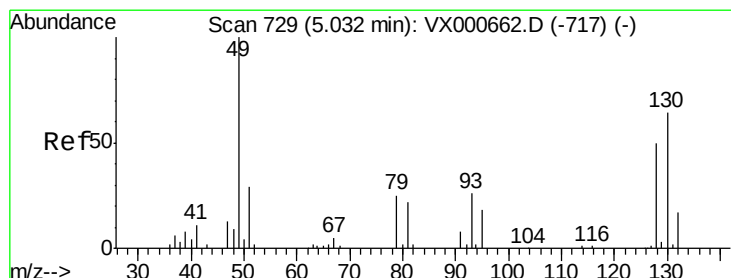
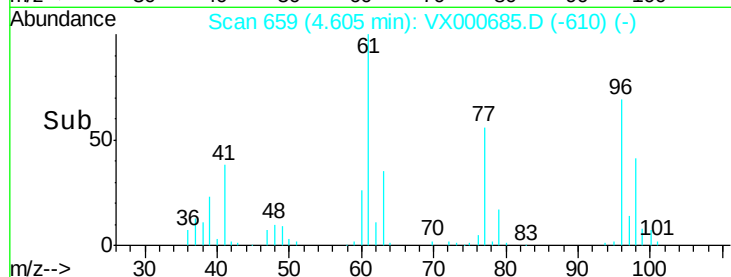
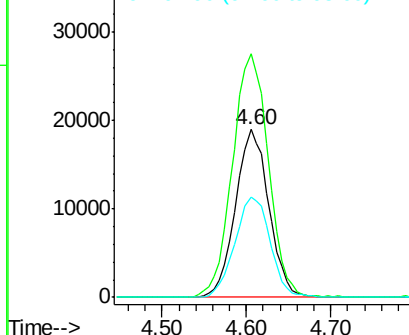
VSTDCCC050EC

Manual Integrations
APPROVED

sam
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 53.35 ug/l

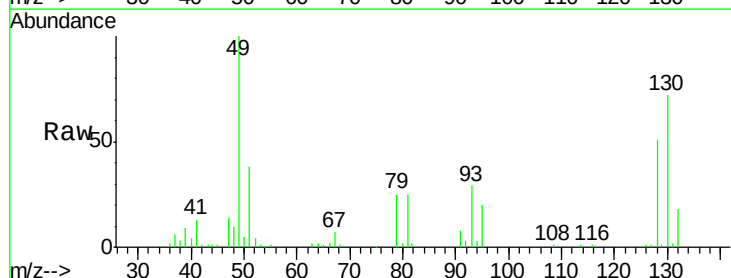
RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

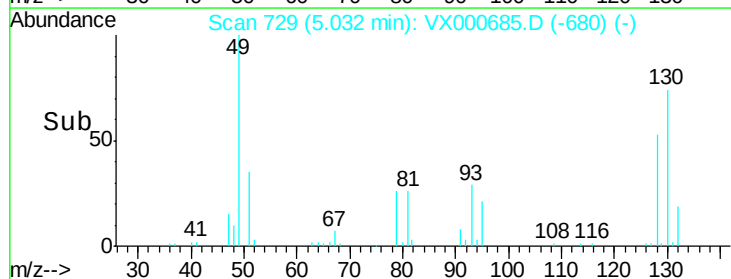
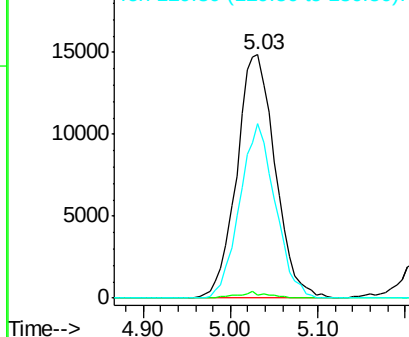
Lab File: VX000685.D

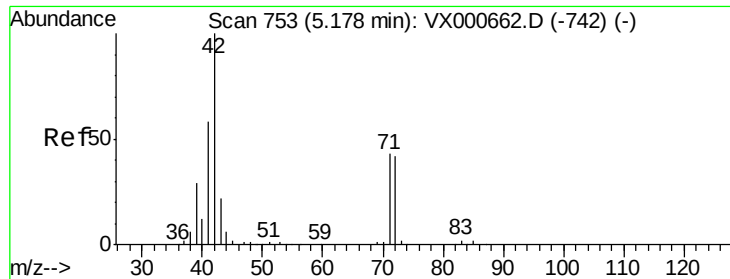
Acq: 05 Apr 2018 03:39

Tgt Ion:	49	Resp:	45484
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	66.0	53.8	80.6



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





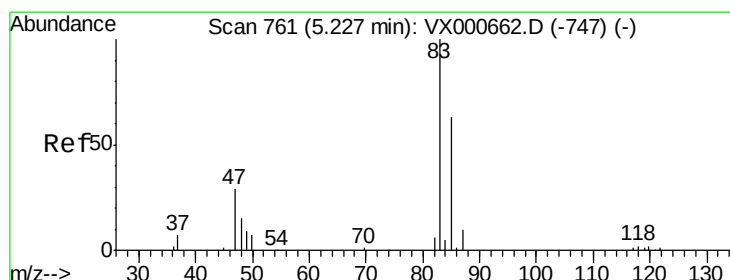
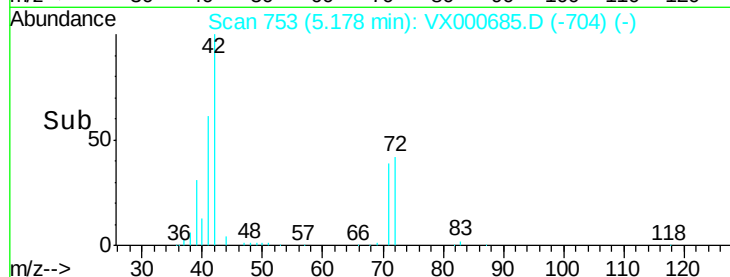
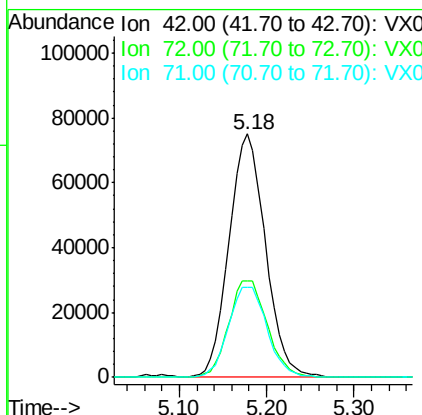
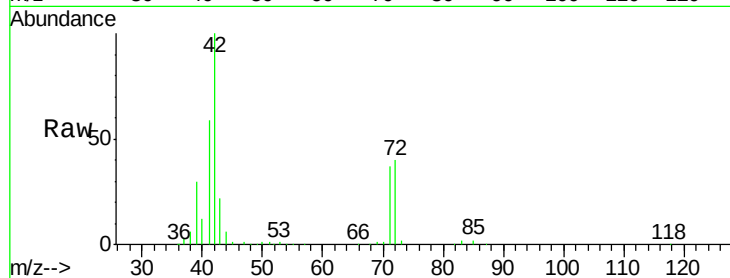
#29
Tetrahydrofuran
Concen: 268.71 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.5	51.7
71	39.4	32.2	48.2

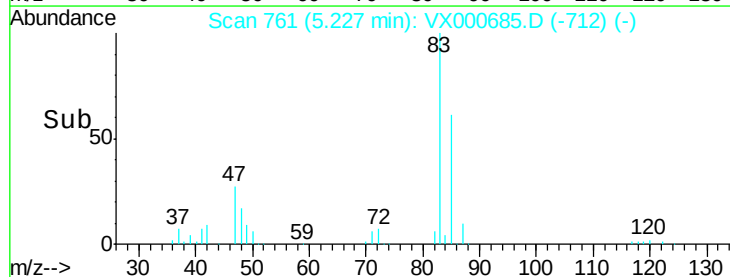
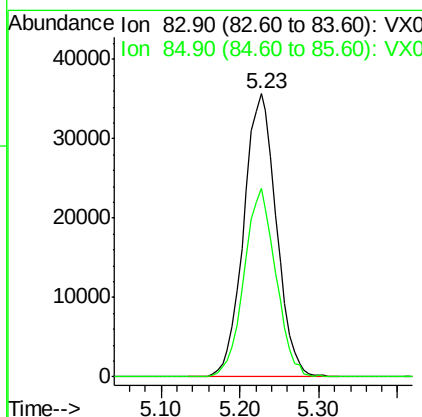
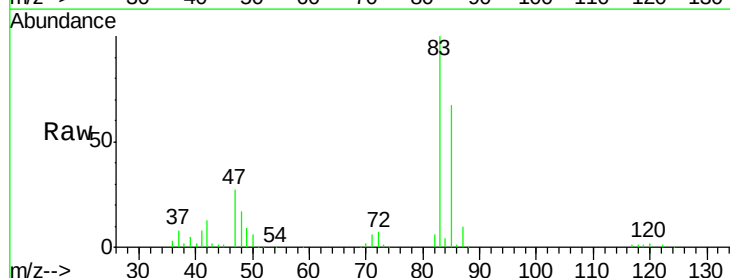
Manual Integrations
APPROVED

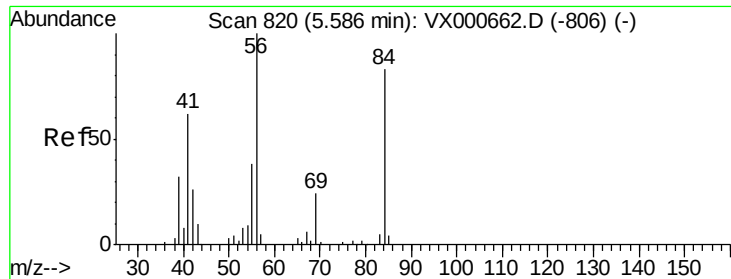
sam
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#30
Chloroform
Concen: 53.27 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.2	75.4





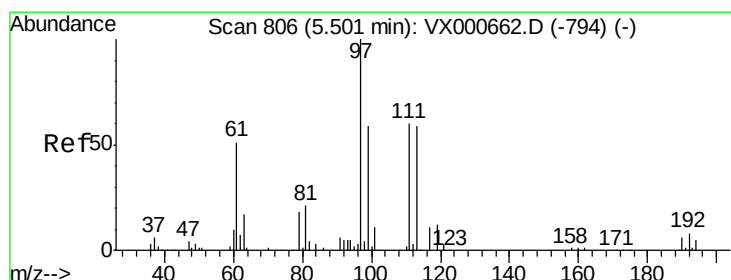
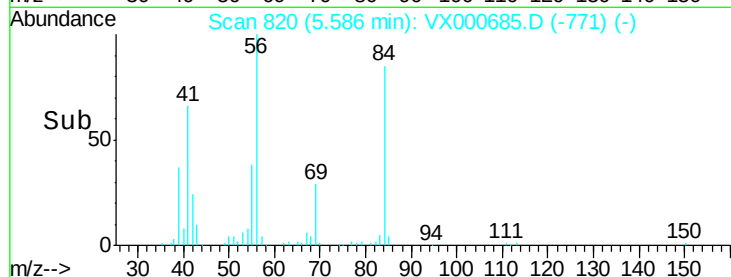
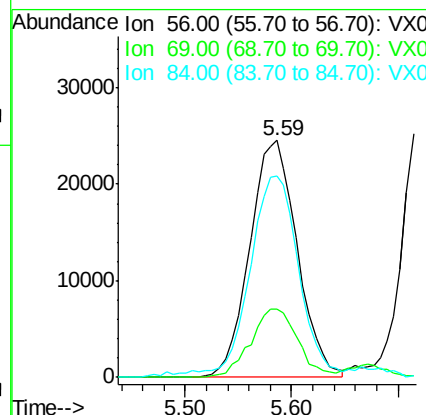
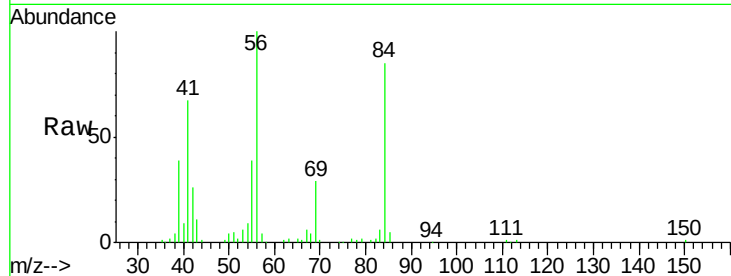
#31
Cyclohexane
Concen: 51.56 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	19.4	29.0
84	82.9	66.8	100.2

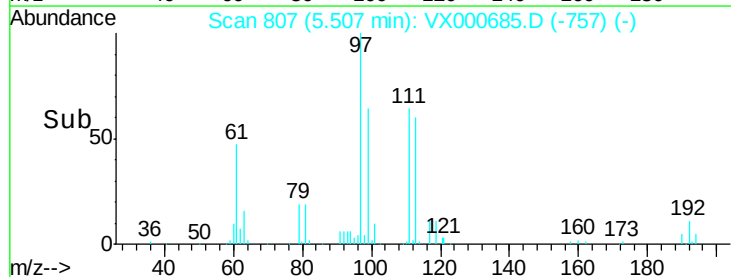
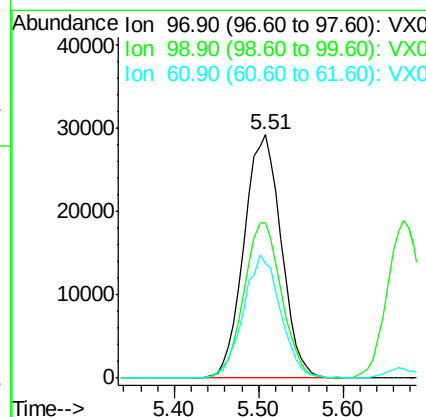
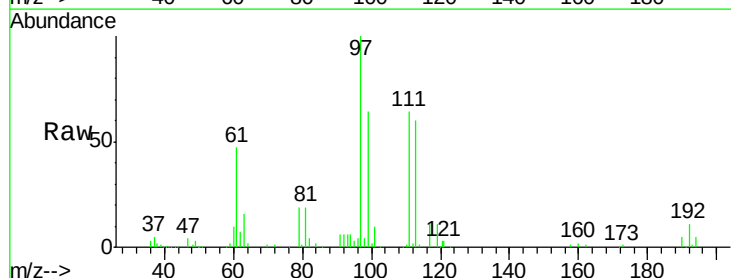
Manual Integrations
APPROVED

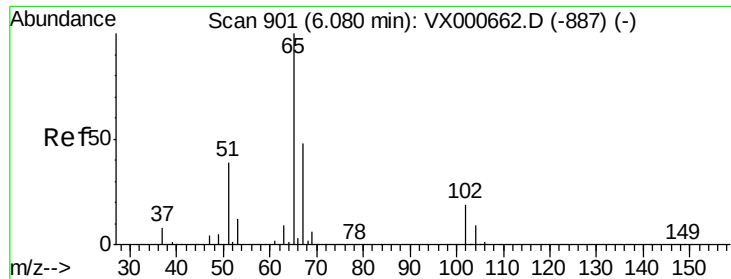
sam
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#32
1,1,1-Trichloroethane
Concen: 55.20 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	50.3	41.4	62.2





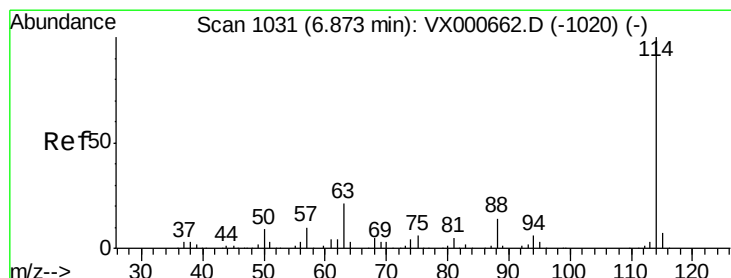
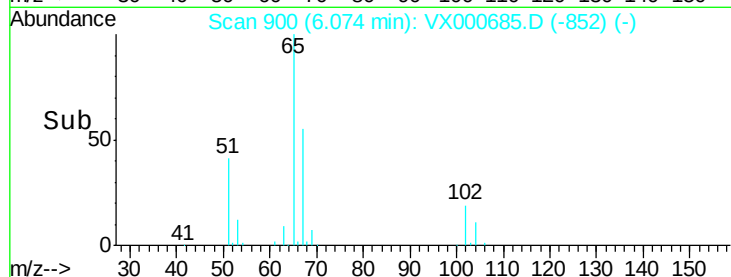
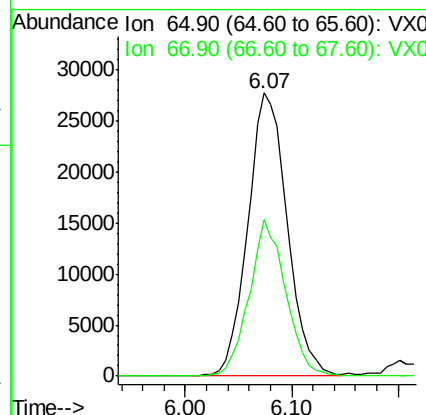
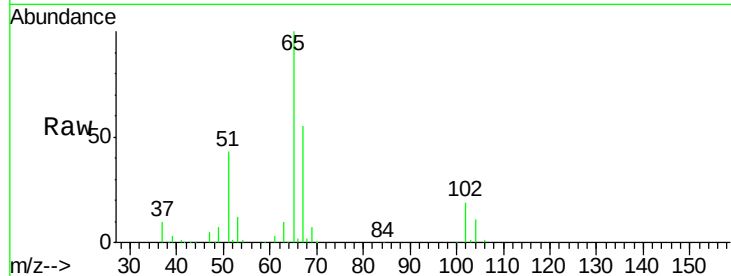
#33
 1,2-Dichloroethane-d4
 Concen: 47.98 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	99.8

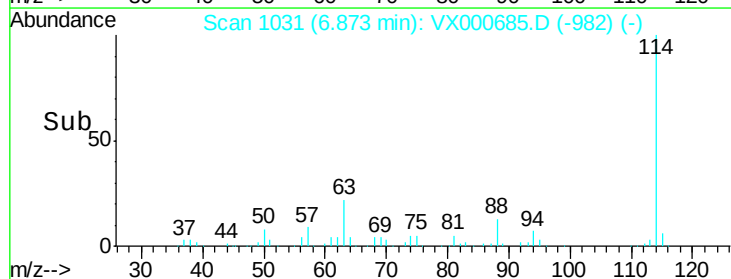
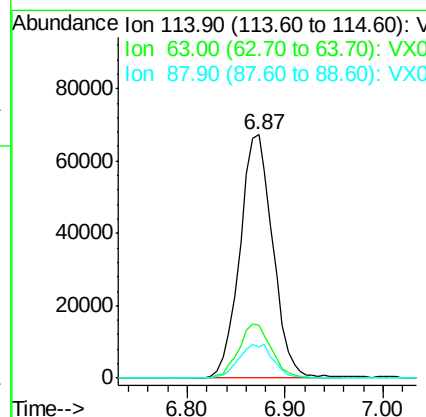
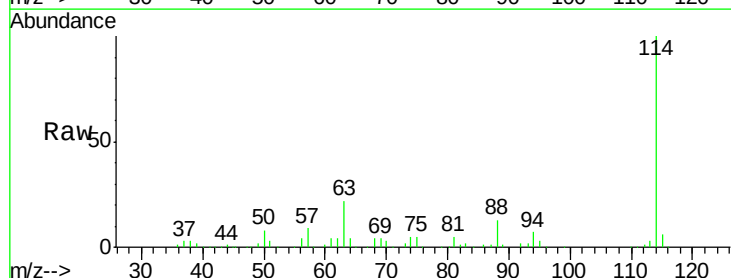
Manual Integrations
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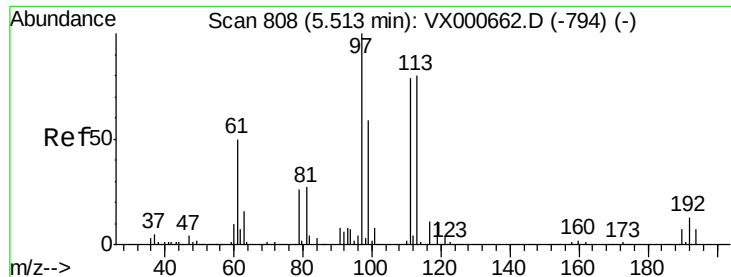
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.6
88	13.0	0.0	28.6





#35

Dibromofluoromethane

Concen: 49.01 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

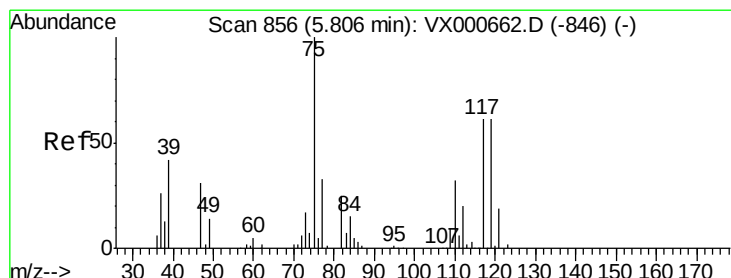
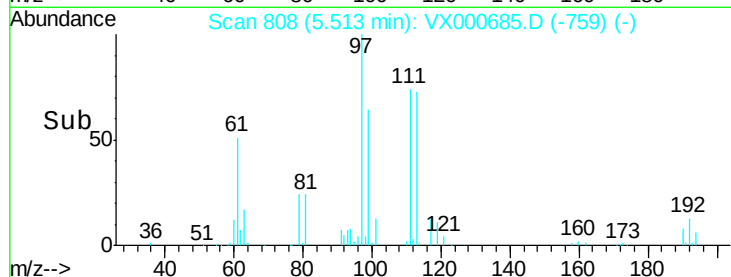
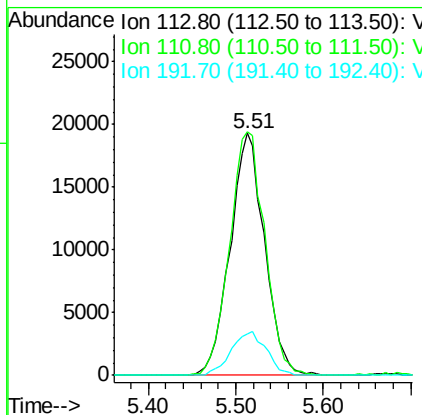
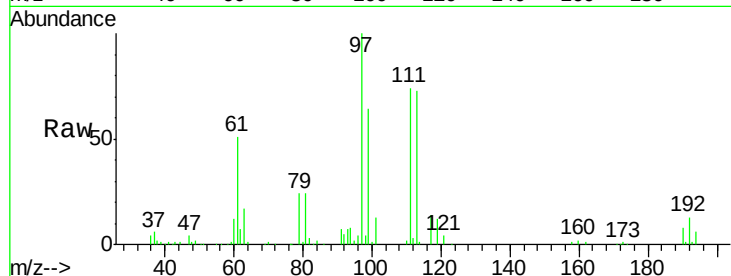
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	52616
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	18.6	14.3	21.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.85 ug/l

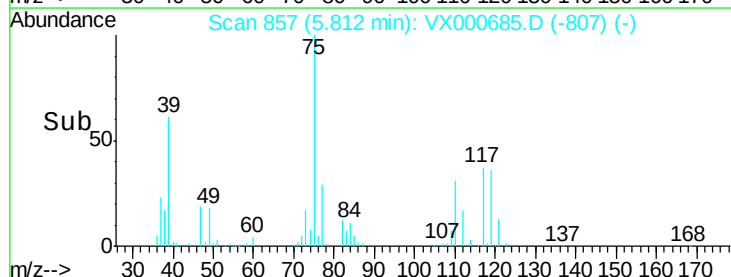
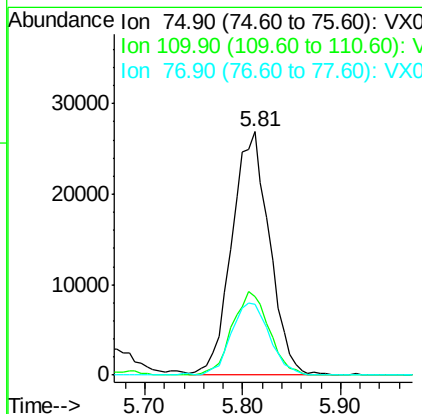
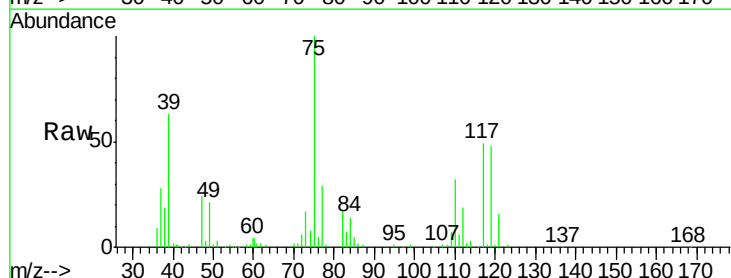
RT: 5.81 min Scan# 857

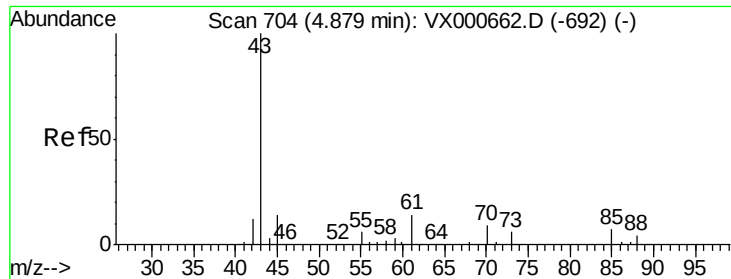
Delta R.T. 0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Tgt Ion:	75	Resp:	71275
Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.3	48.9
77	30.6	24.3	36.5





#37

Ethyl Acetate

Concen: 51.70 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

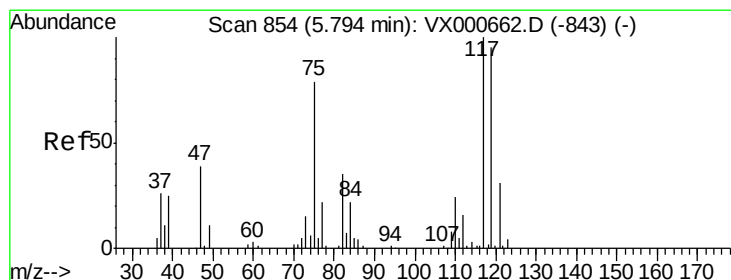
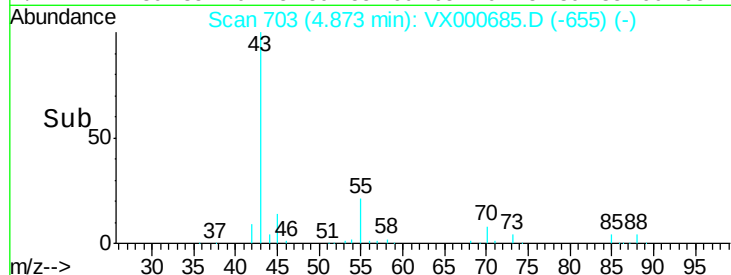
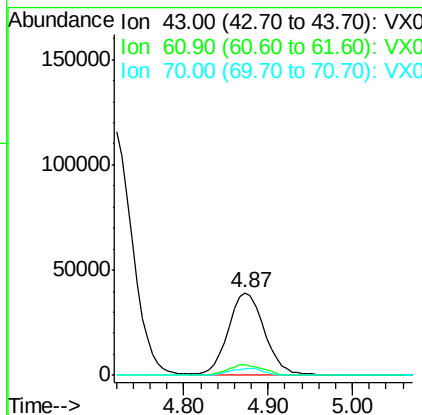
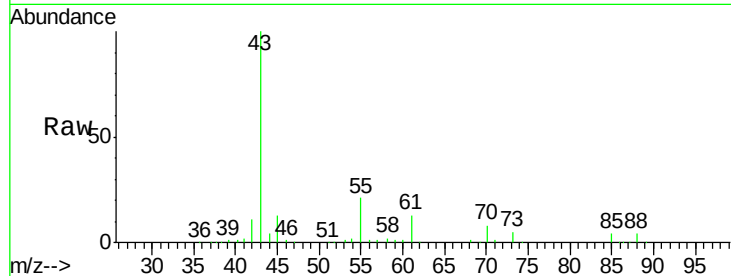
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	114785
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	8.4	6.8	10.2

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 51.73 ug/l

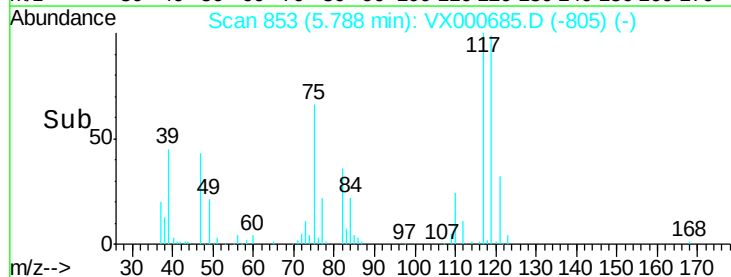
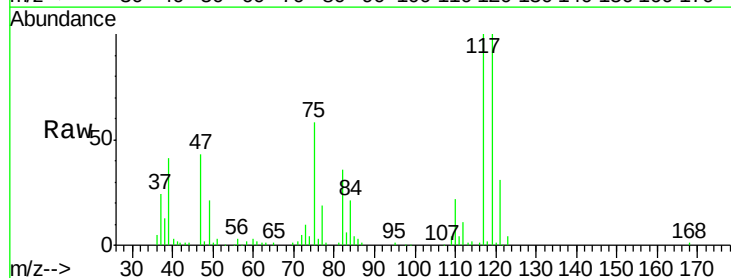
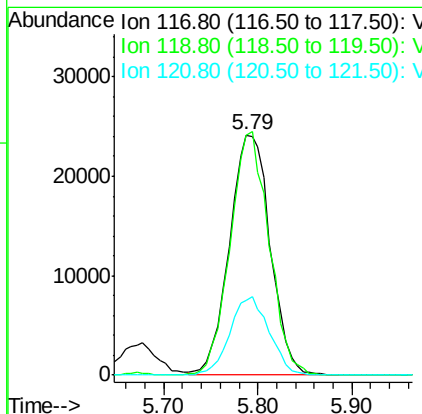
RT: 5.79 min Scan# 853

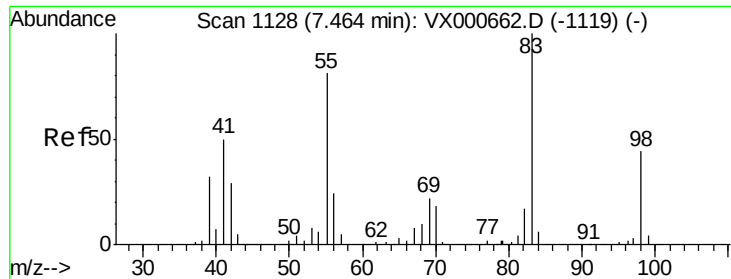
Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Tgt Ion:	117	Resp:	72657
Ion	Ratio	Lower	Upper
117	100		
119	99.7	76.1	114.1
121	31.2	24.8	37.2





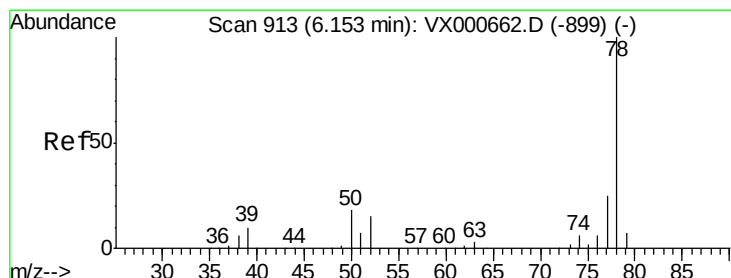
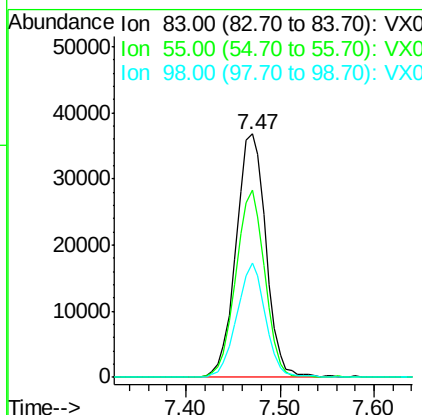
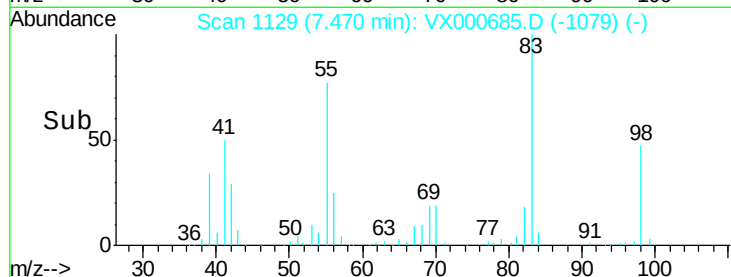
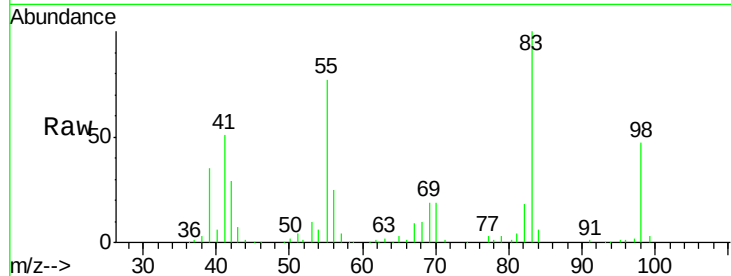
#39
Methylvlcyclohexane
Concen: 48.47 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	64.5	96.7
98	47.2	35.0	52.6

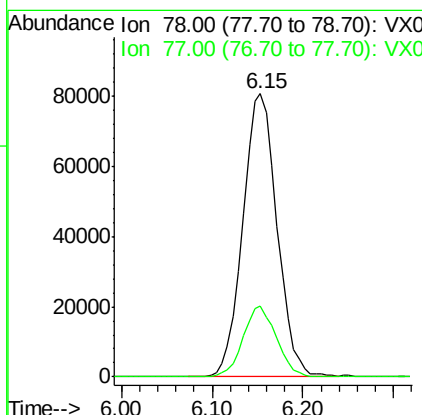
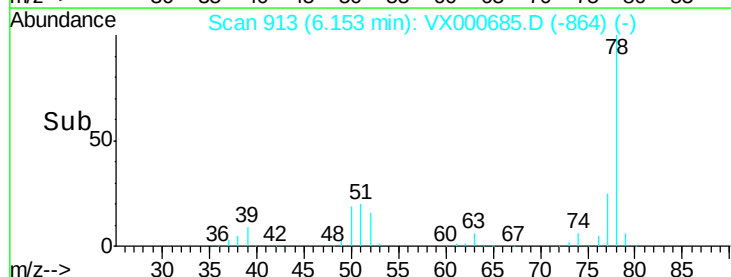
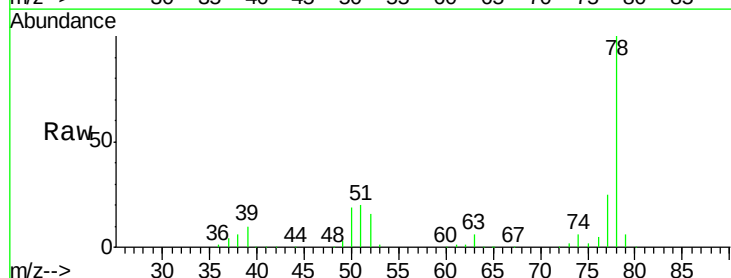
Manual Integrations
APPROVED

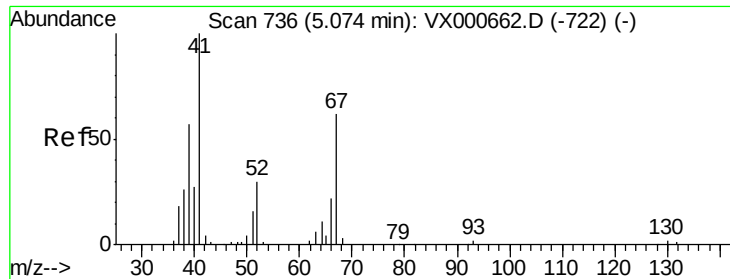
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#40
Benzene
Concen: 50.58 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	20.2	30.2





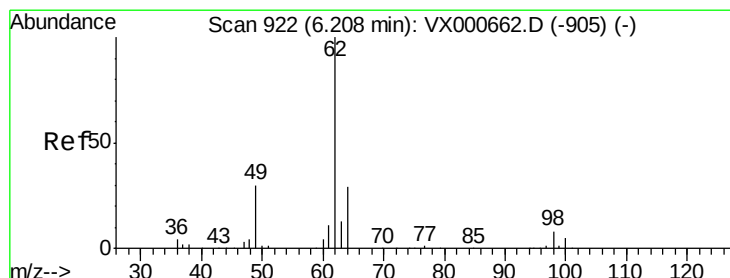
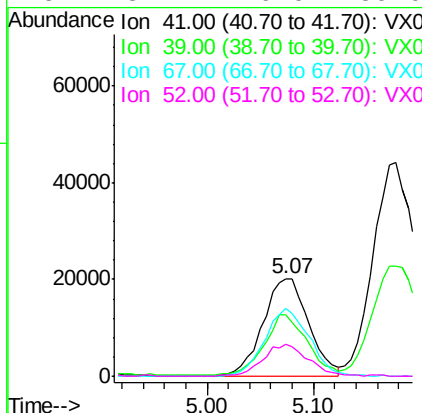
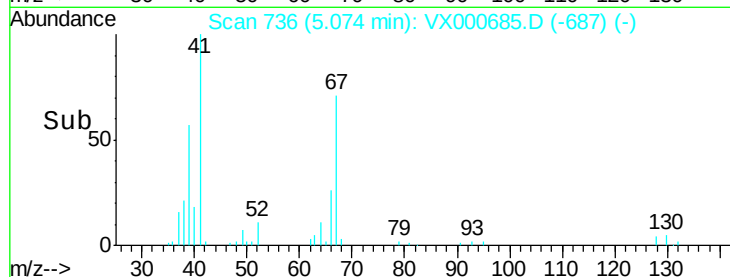
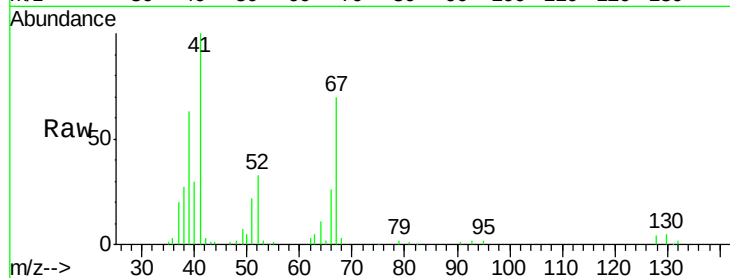
#41
Methacrylonitrile
Concen: 49.48 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.2	46.2	69.4	
67	67.5	52.4	78.6	
52	32.7	26.0	39.0	

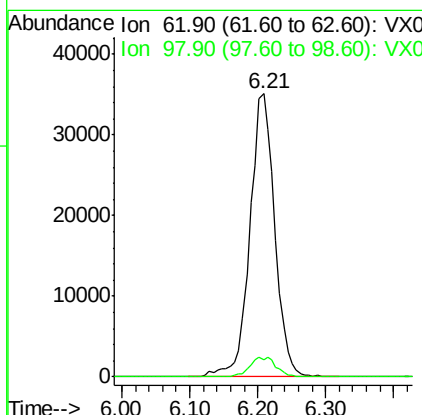
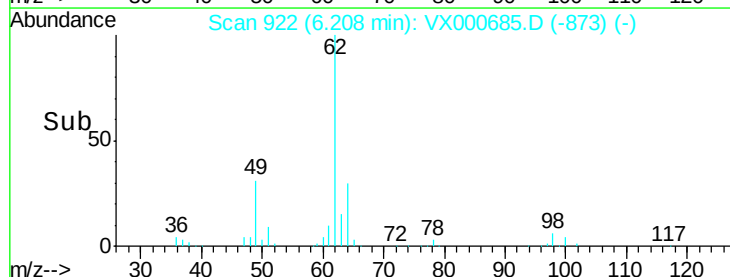
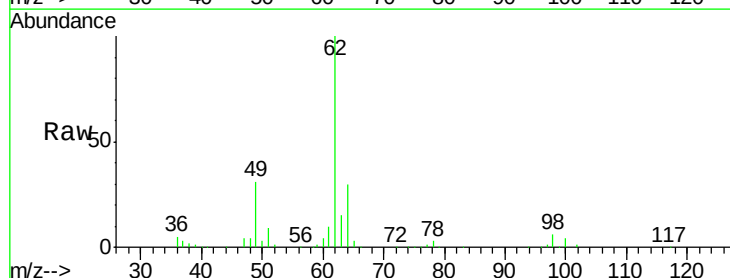
Manual Integrations
APPROVED

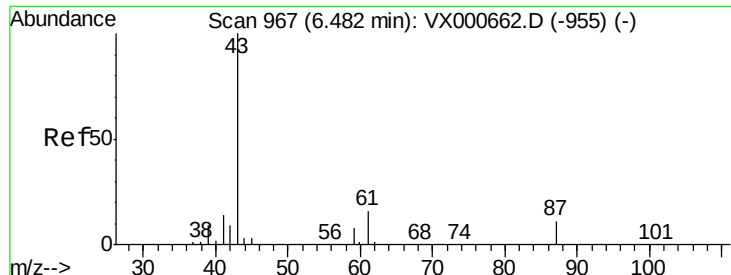
sam
4/5/2018 6:25:30 PM



#42
1,2-Dichloroethane
Concen: 51.43 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.4	0.0	16.2	





#43

Isopropyl Acetate

Concen: 52.76 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

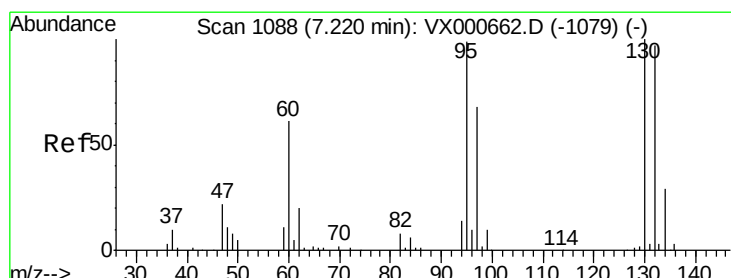
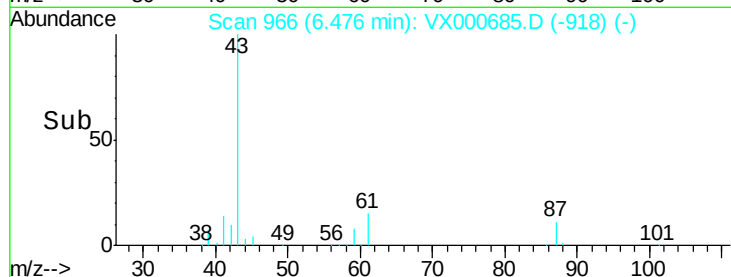
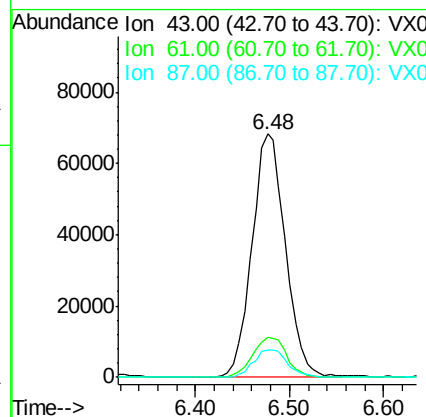
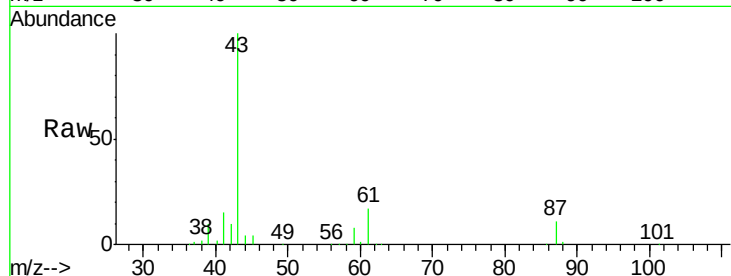
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	169832
Ion	Ratio	Lower	Upper
43	100		
61	16.9	13.4	20.2
87	11.5	9.4	14.0

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#44

Trichloroethene

Concen: 49.03 ug/l

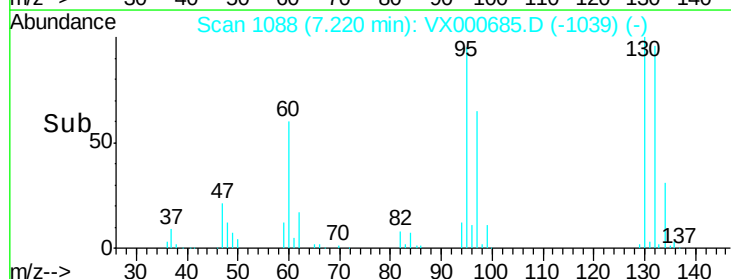
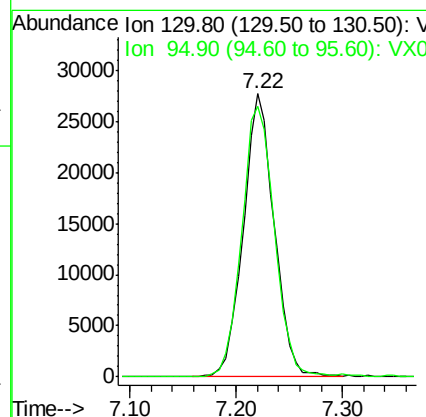
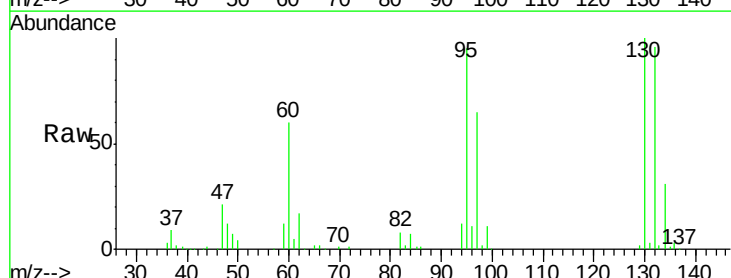
RT: 7.22 min Scan# 1088

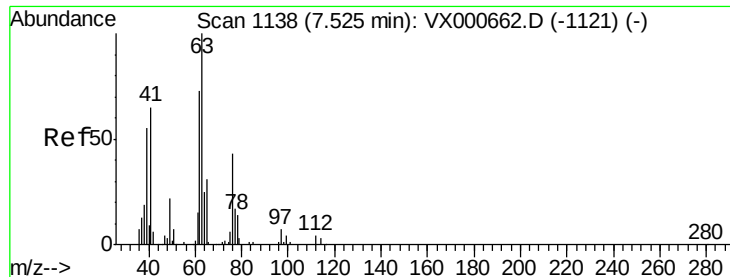
Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Tgt Ion:	130	Resp:	56441
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	198.8





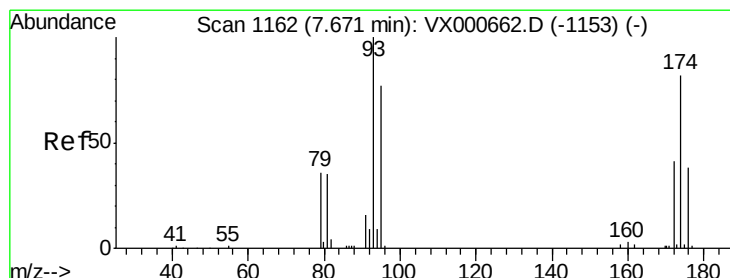
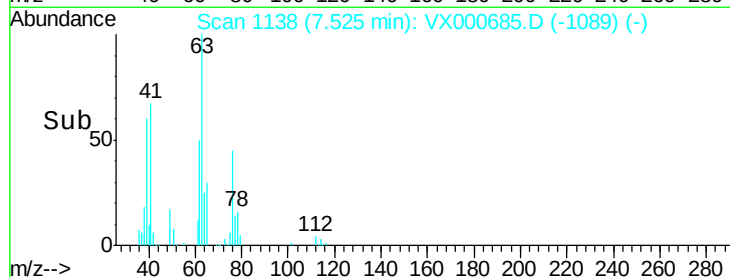
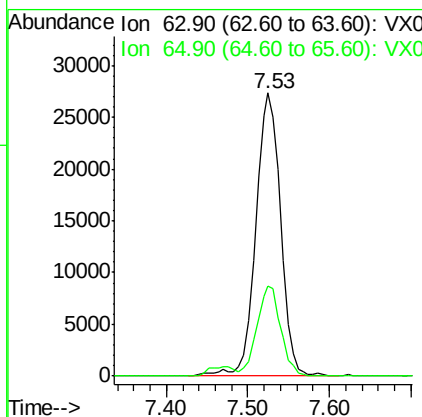
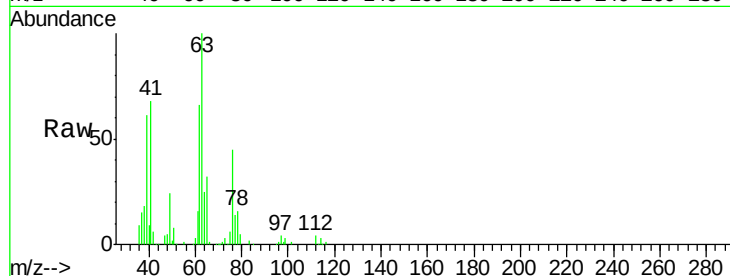
#45
 1,2-Dichloropropane
 Concen: 52.07 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.8	37.2

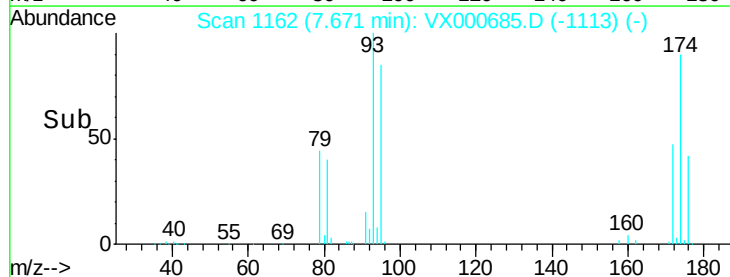
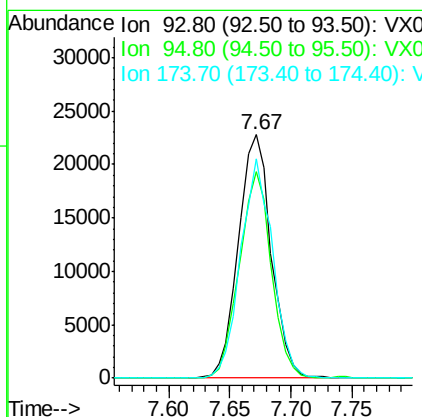
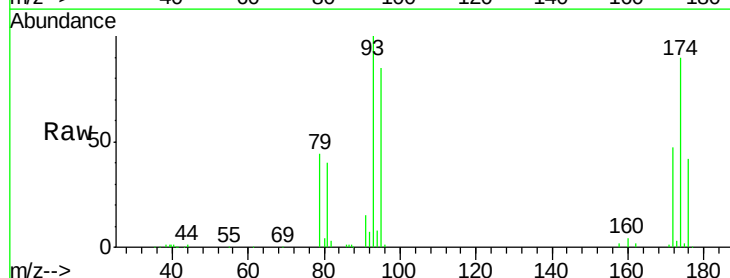
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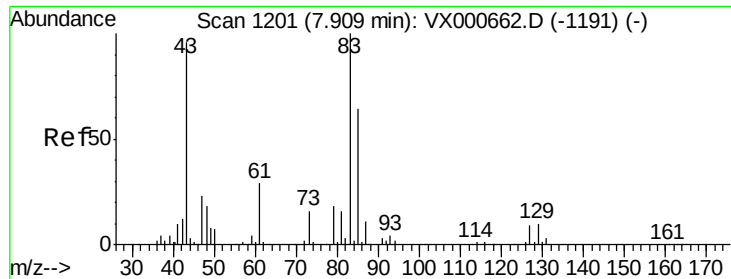
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#46
 Dibromomethane
 Concen: 51.57 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.3	97.9
174	87.8	70.2	105.4





#47

Bromodichloromethane

Concen: 51.10 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

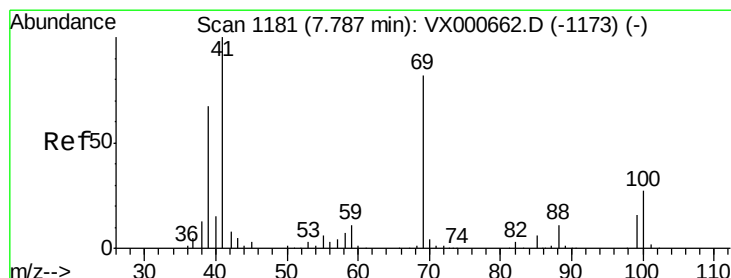
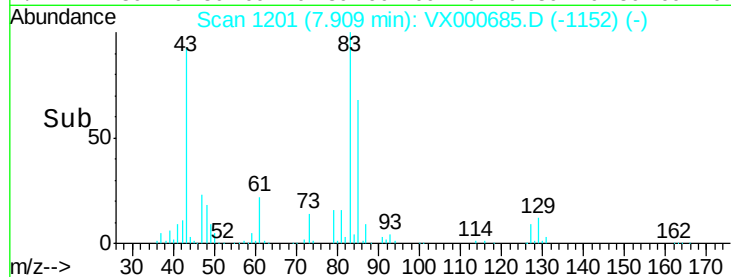
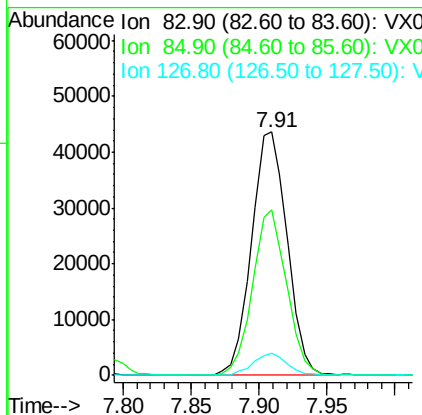
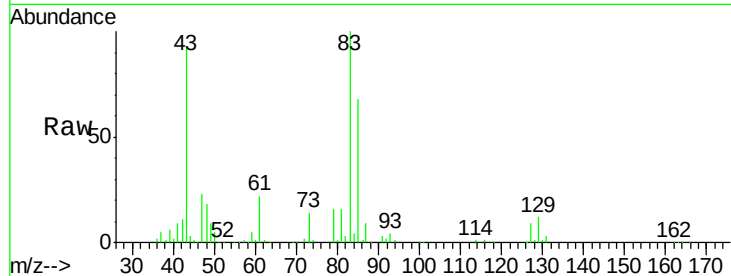
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	80108
Ion	Ratio	Lower	Upper
83	100		
85	67.9	51.4	77.0
127	9.3	7.3	10.9

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#48

Methyl methacrylate

Concen: 51.24 ug/l

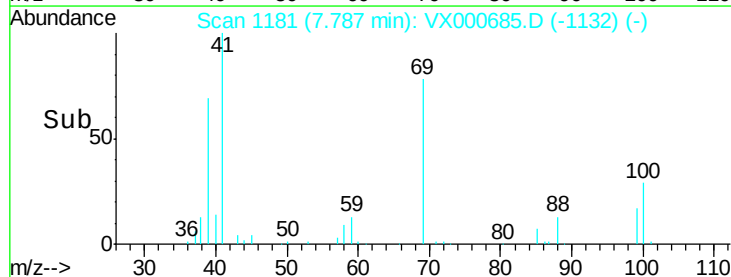
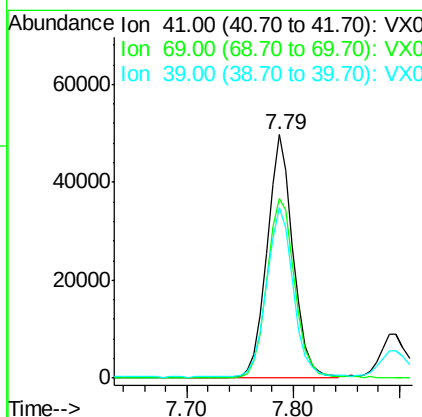
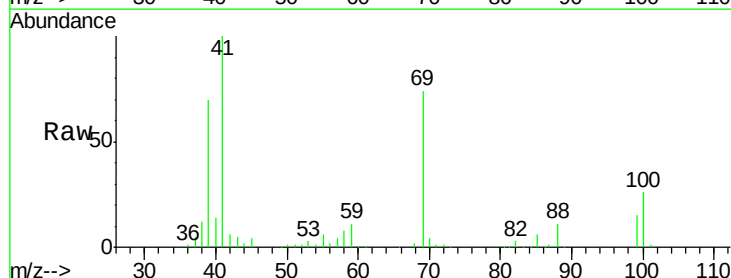
RT: 7.79 min Scan# 1181

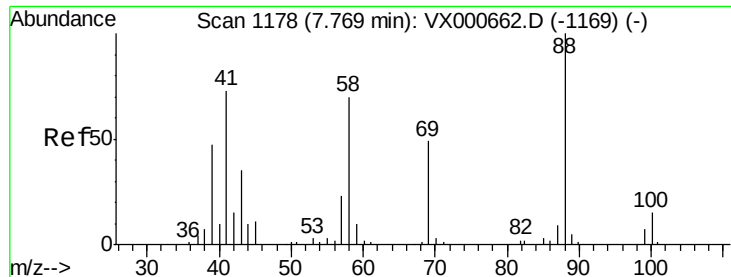
Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Tgt Ion:	41	Resp:	84547
Ion	Ratio	Lower	Upper
41	100		
69	80.1	64.3	96.5
39	71.5	57.0	85.4





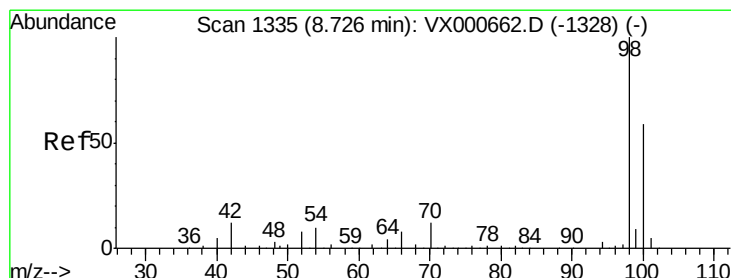
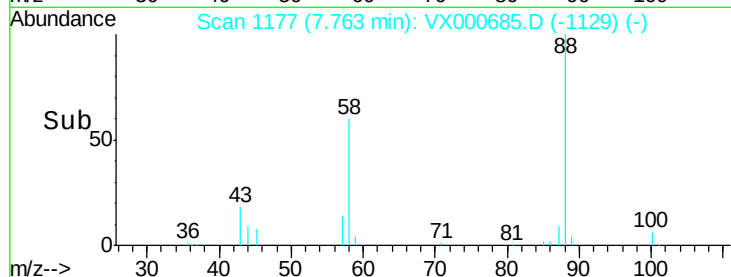
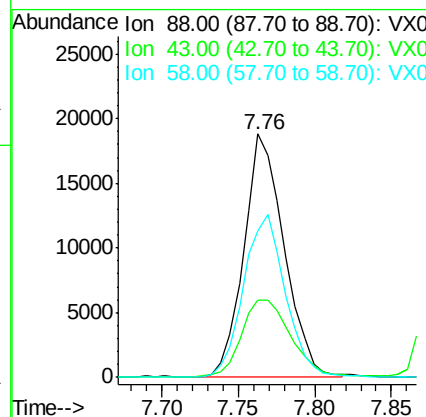
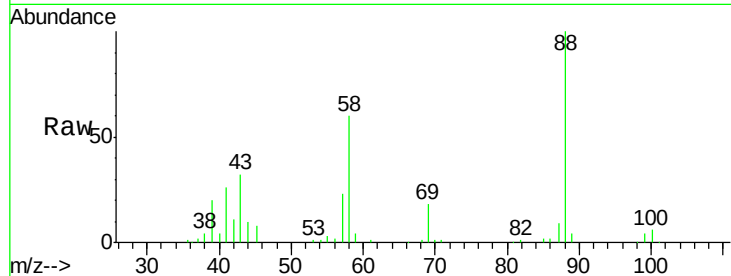
#49
1,4-Dioxane
Concen: 984.19 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.3	29.4	44.0
58	69.8	53.4	80.0

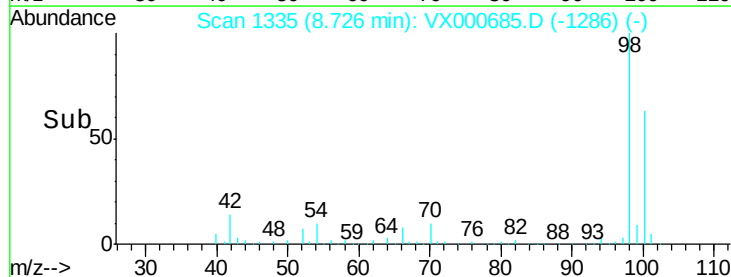
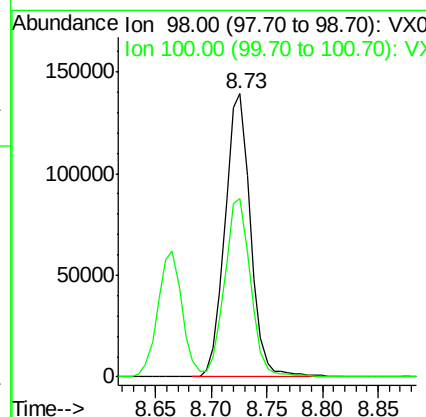
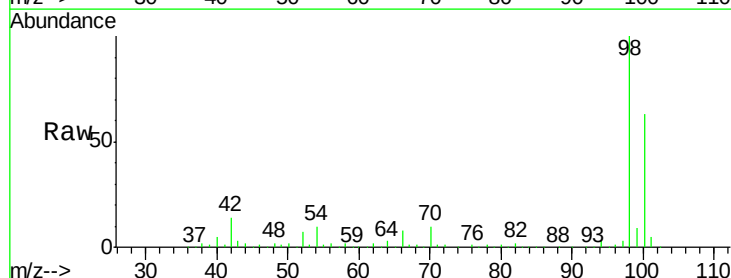
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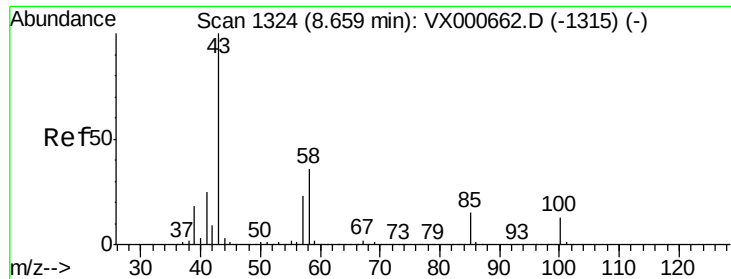
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#50
Toluene-d8
Concen: 48.29 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.6





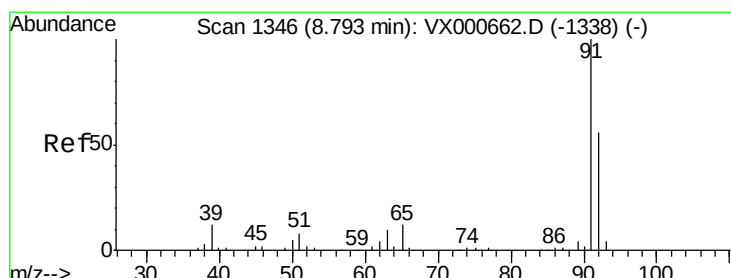
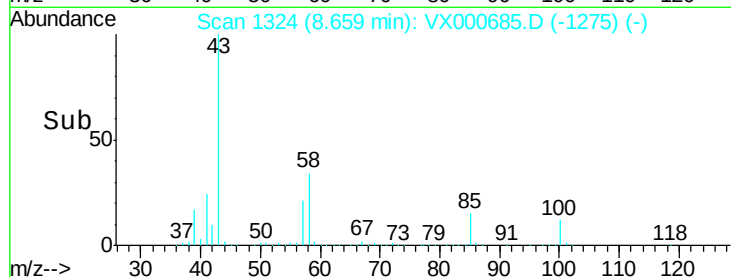
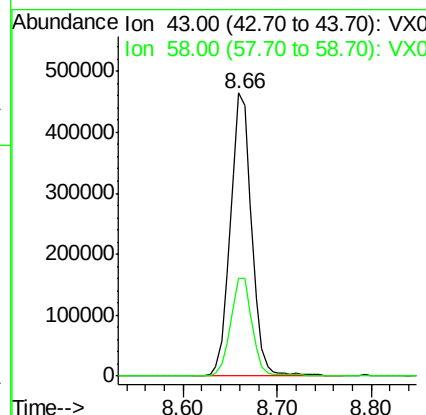
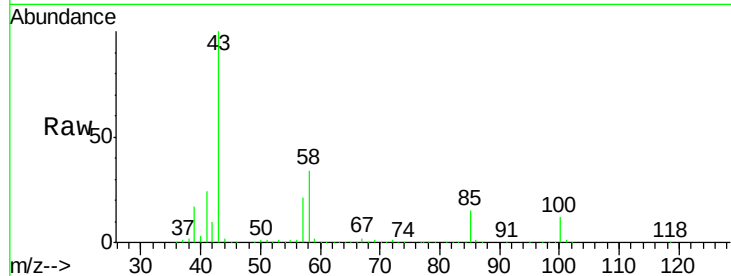
#51
4-Methyl-2-Pentanone
Concen: 278.70 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.2	42.2

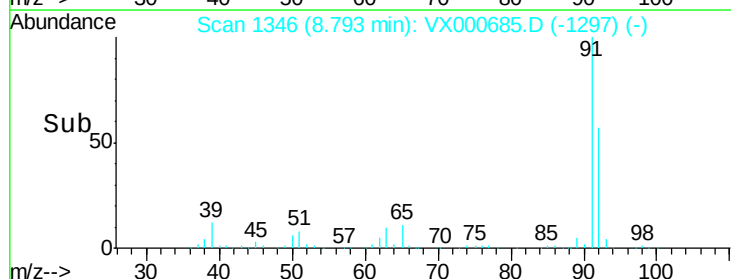
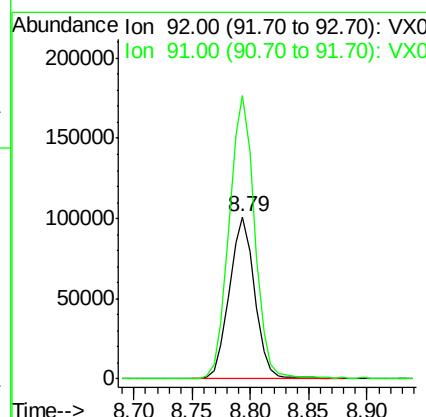
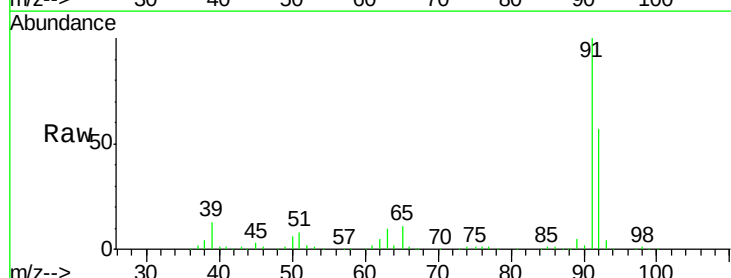
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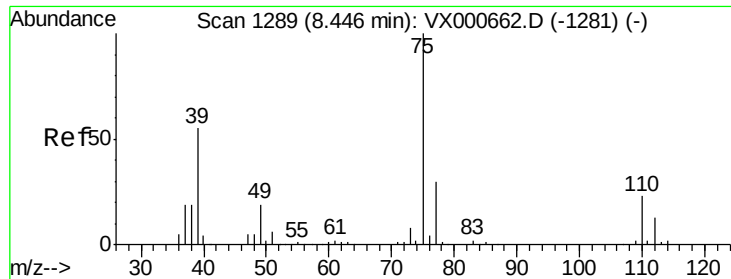
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#52
Toluene
Concen: 52.09 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.6	141.7	212.5





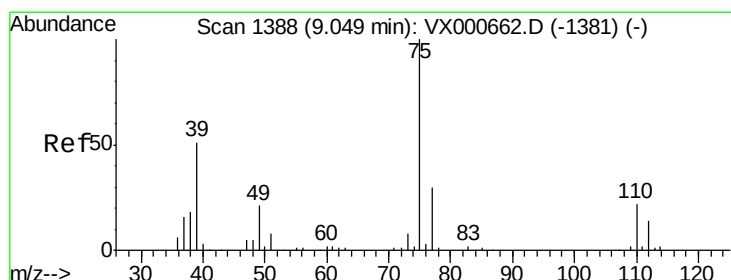
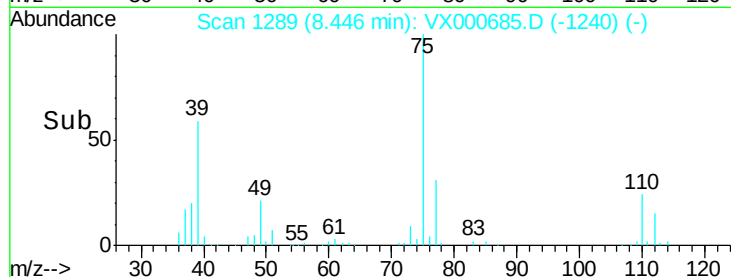
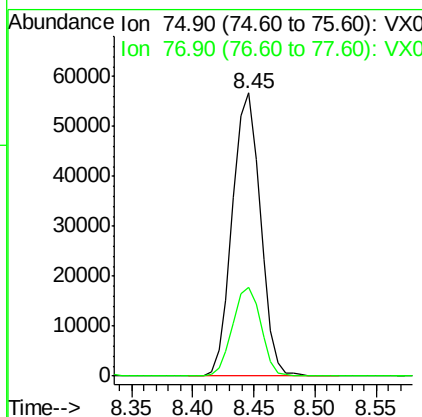
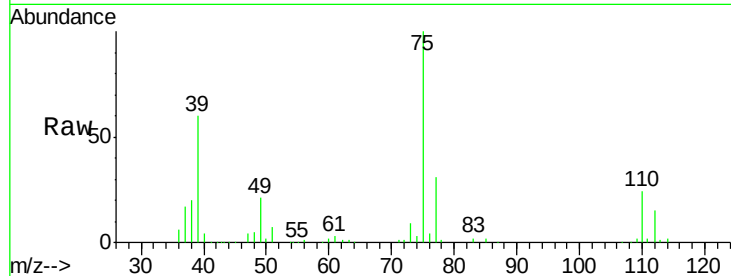
#53
 t-1,3-Dichloropropene
 Concen: 53.35 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 90417
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.8 35.6

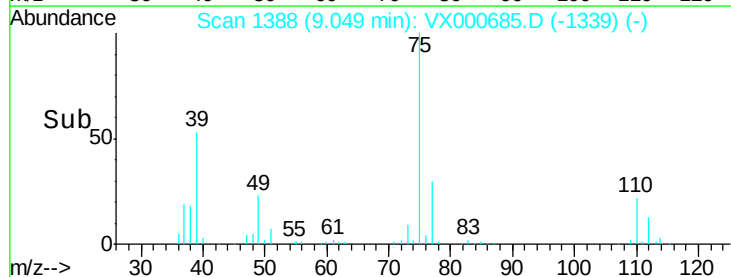
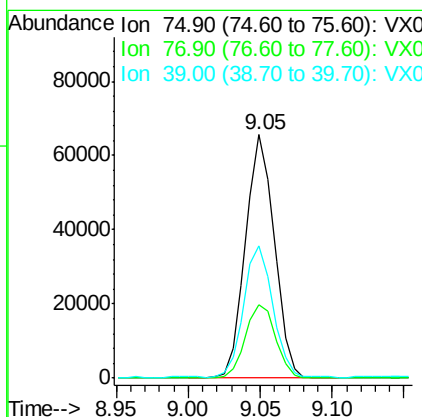
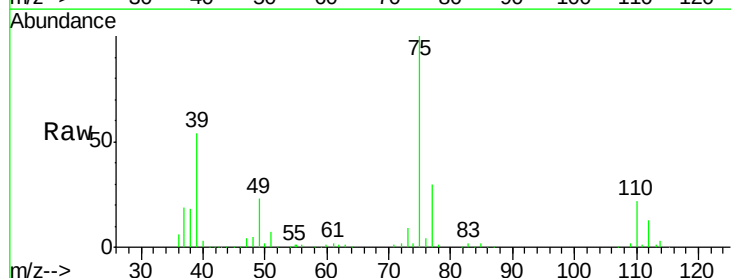
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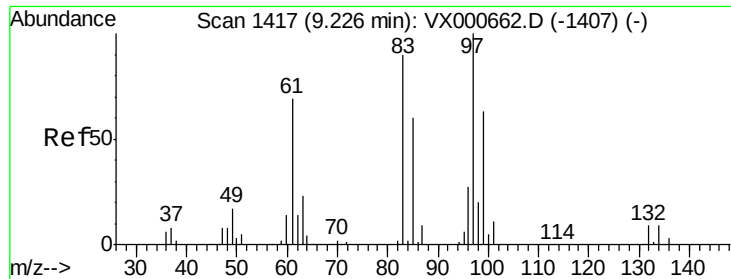
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#54
 cis-1,3-Dichloropropene
 Concen: 45.89 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion: 75 Resp: 91301
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.1 36.1
 39 53.9 40.7 61.1





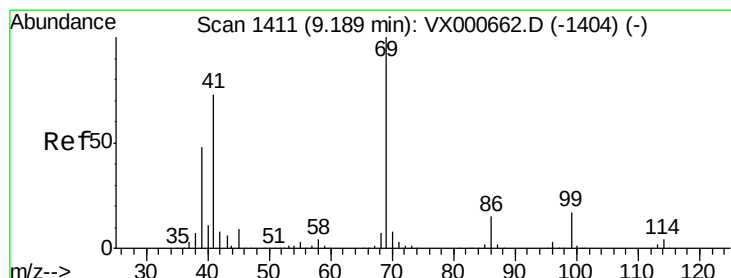
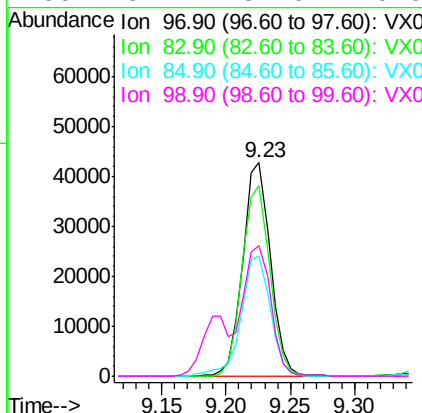
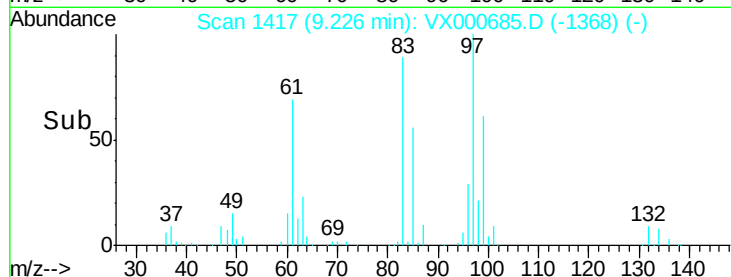
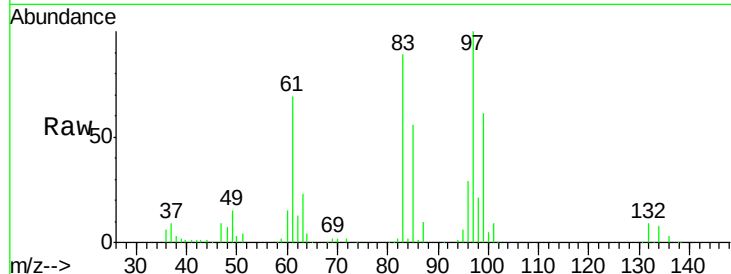
#55
 1,1,2-Trichloroethane
 Concen: 51.87 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	63669
Ion	Ratio	Lower	Upper
97	100		
83	89.1	72.1	108.1
85	56.1	48.3	72.5
99	61.4	51.0	76.6

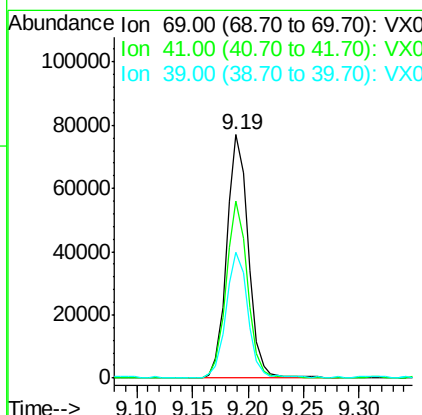
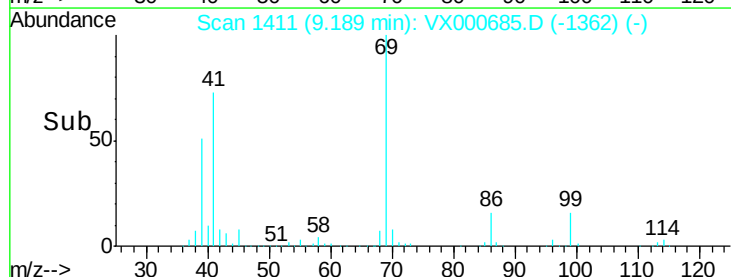
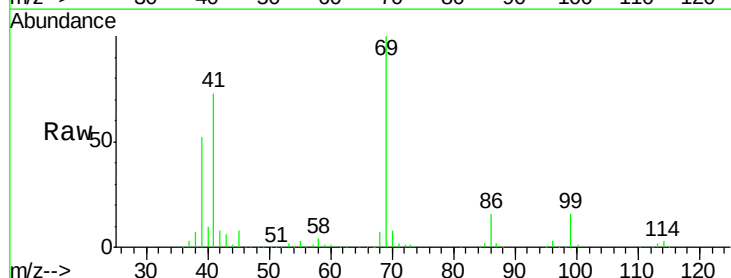
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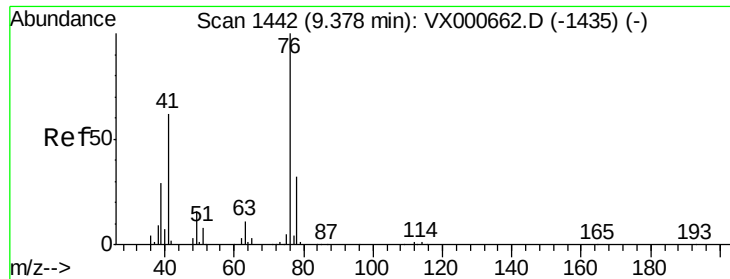
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#56
 Ethyl methacrylate
 Concen: 46.64 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion:	69	Resp:	103018
Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.5	84.7
39	51.6	39.8	59.8





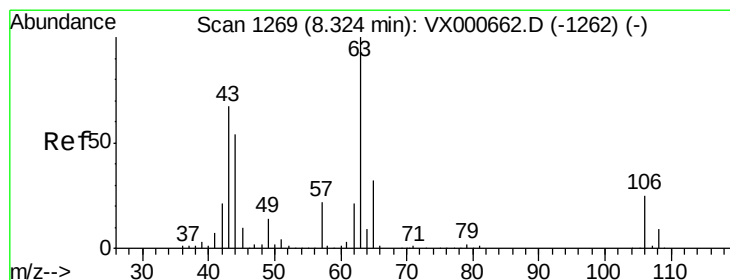
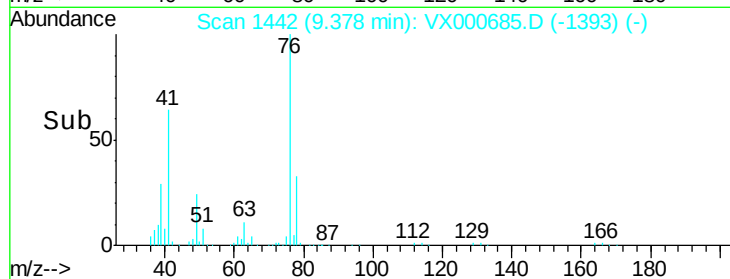
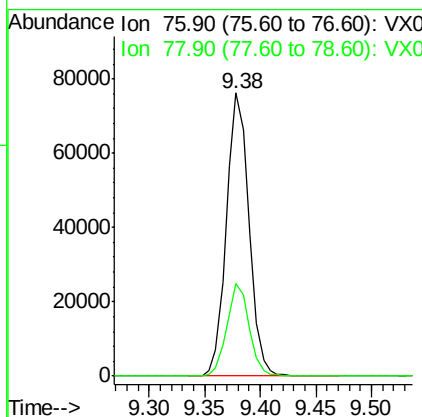
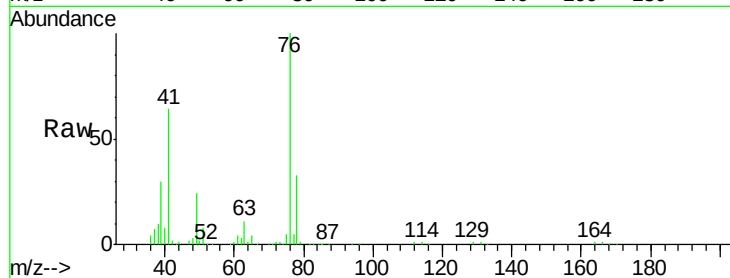
#57
 1,3-Dichloropropane
 Concen: 53.31 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

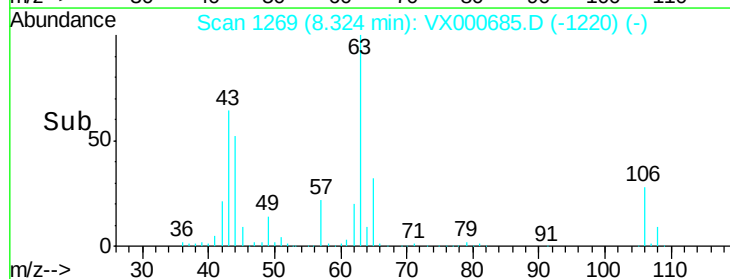
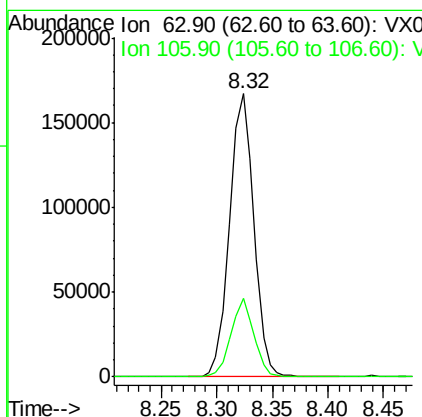
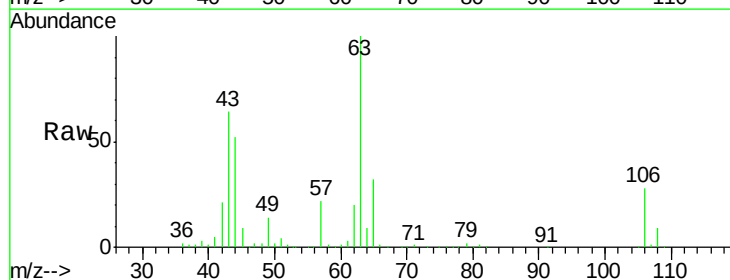
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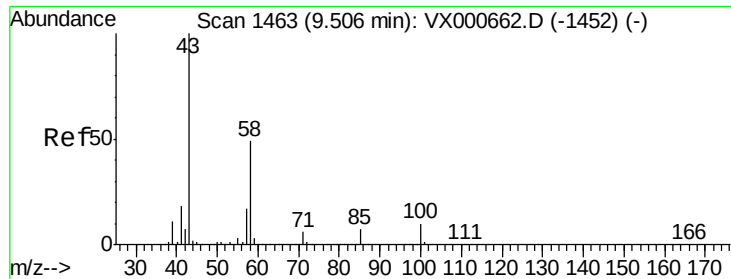
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#58
 2-Chloroethyl Vinyl ether
 Concen: 264.77 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	20.5	30.7





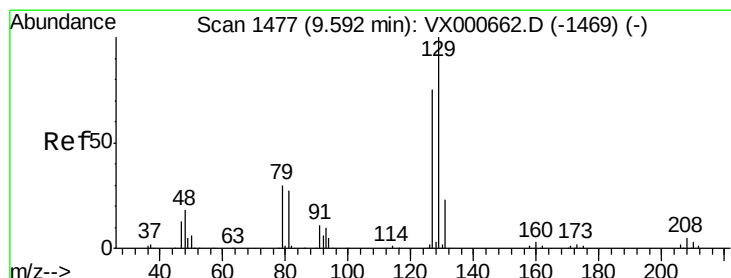
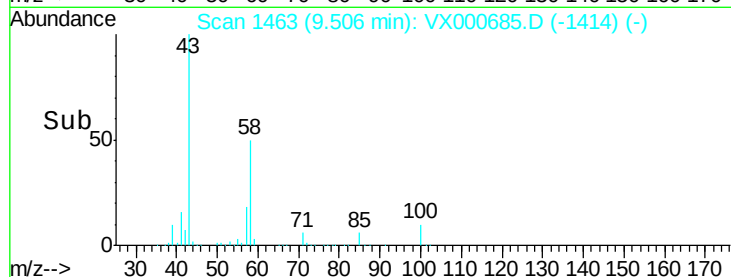
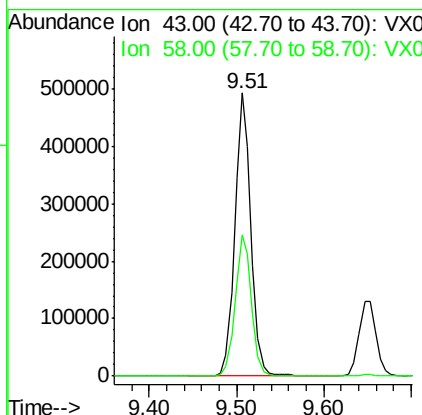
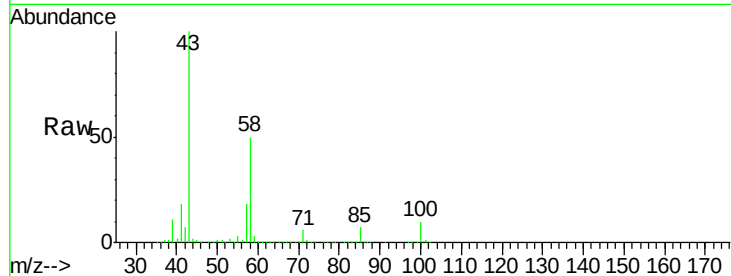
#59
2-Hexanone
Concen: 284.12 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	632608
Ion Ratio	100	Lower	Upper
43	100		
58	50.6	24.8	74.3

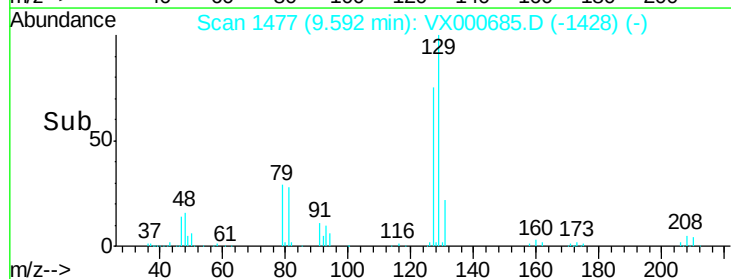
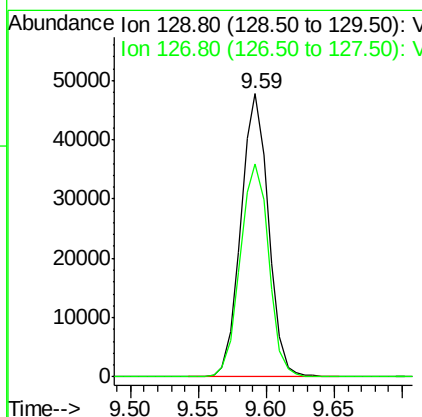
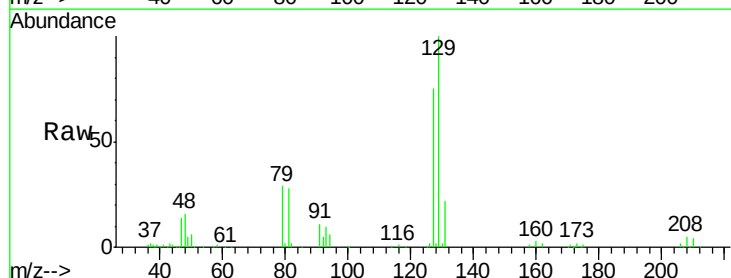
Manual Integrations
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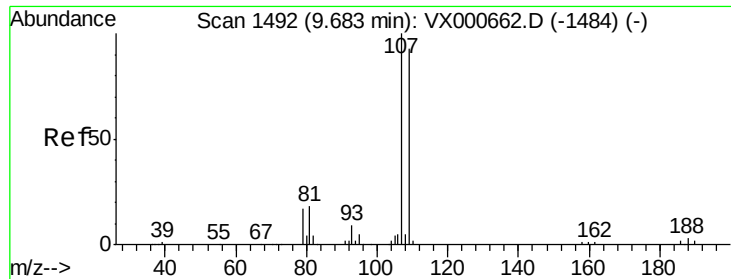
sam
4/5/2018 6:25:30 PM



#60
Dibromochloromethane
Concen: 45.04 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion	129	Resp	67556
Ion Ratio	100	Lower	Upper
129	100		
127	78.1	38.7	116.1





#61

1,2-Dibromoethane

Concen: 53.45 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 70748

Ion Ratio Lower Upper

107 100

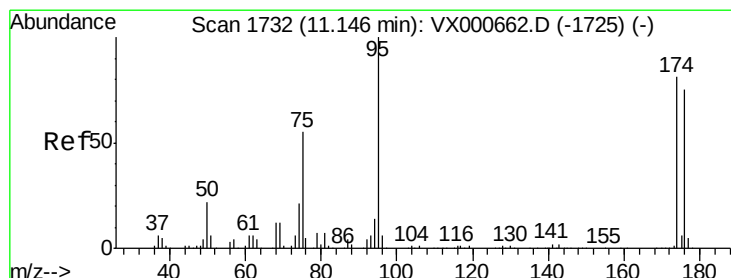
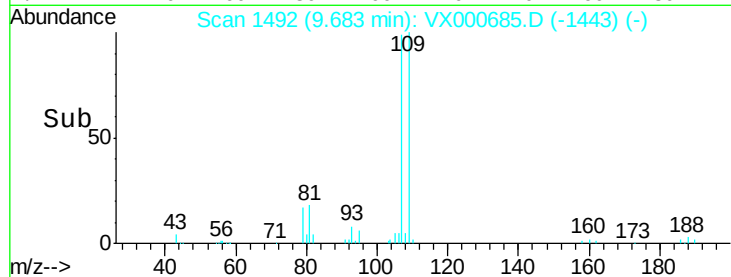
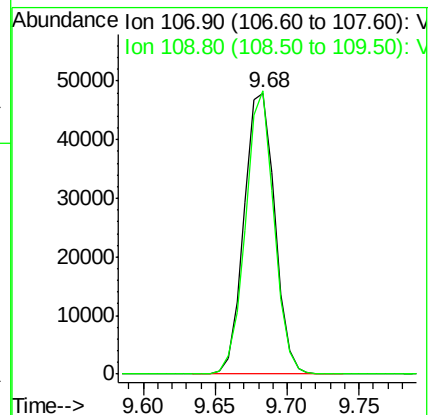
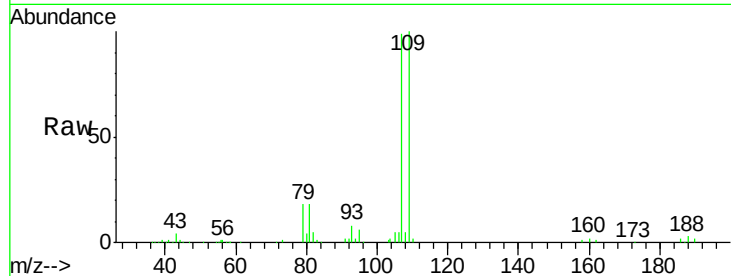
109 93.4 76.5 114.7

Manual Integrations

APPROVED

sam

4/5/2018 6:25:30 PM



#62

4-Bromofluorobenzene

Concen: 48.82 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

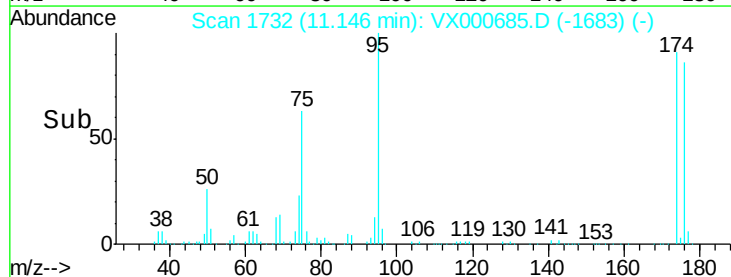
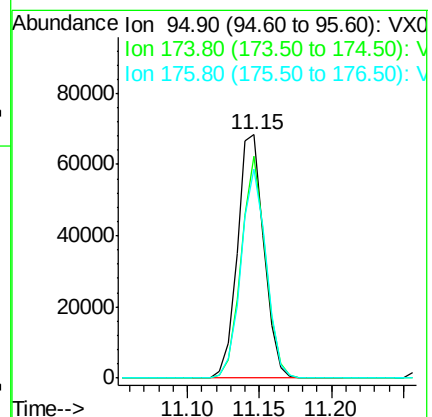
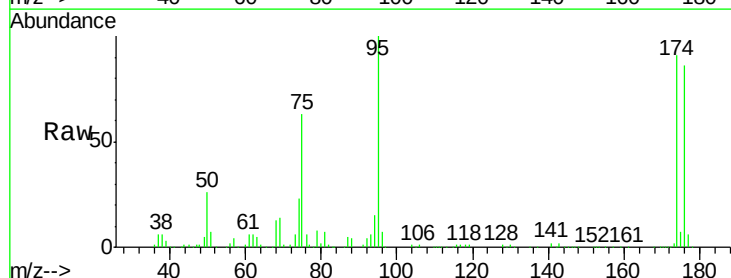
Tgt Ion: 95 Resp: 88218

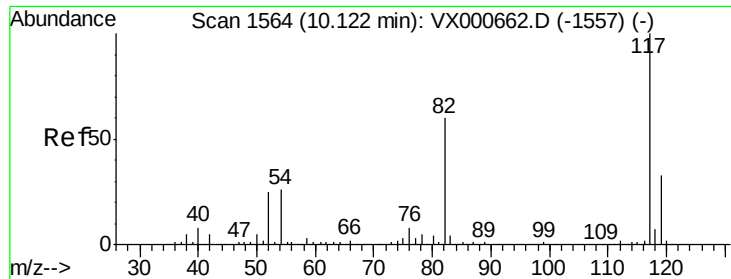
Ion Ratio Lower Upper

95 100

174 82.9 0.0 156.8

176 81.4 0.0 150.6





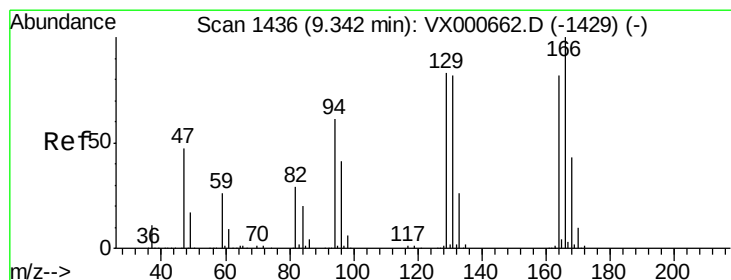
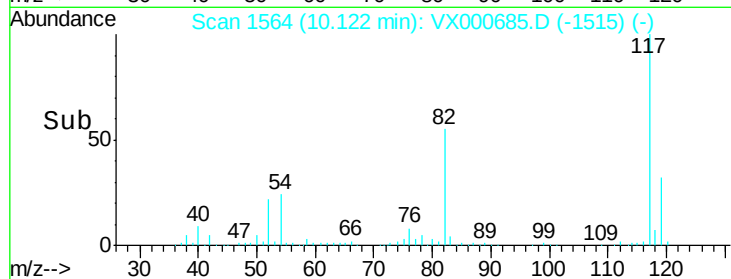
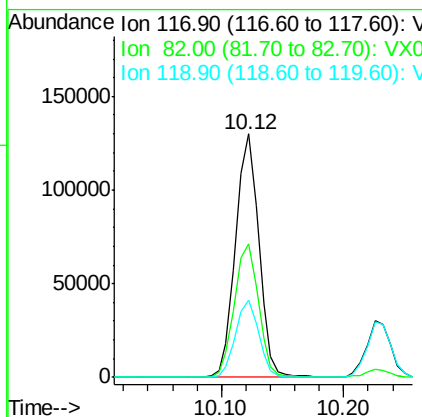
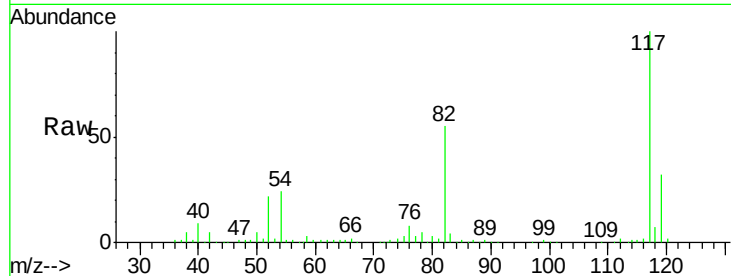
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	48.3	72.5
119	31.7	26.0	39.0

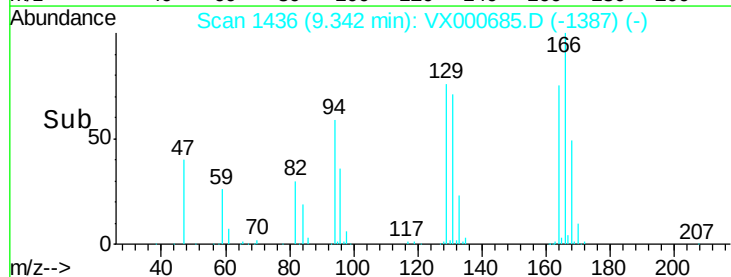
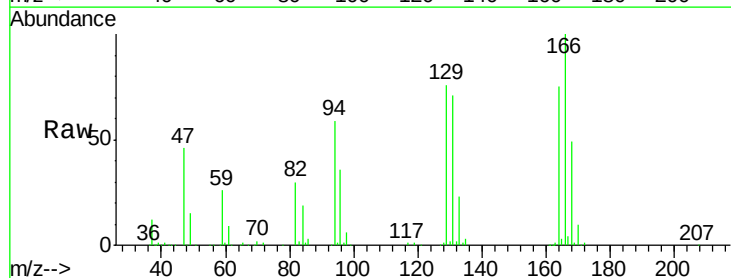
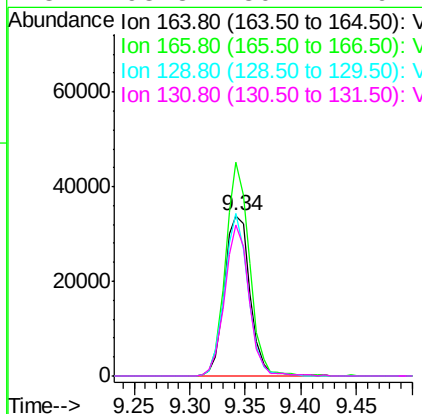
Manual Integrations
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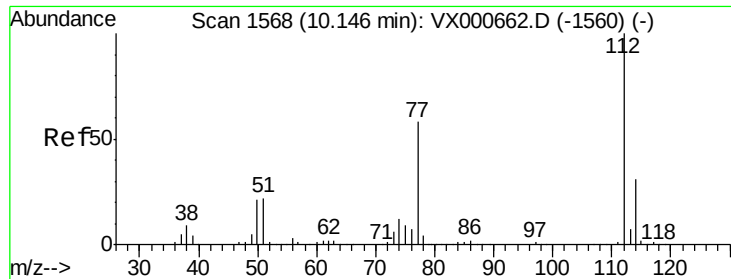
sam
4/5/2018 6:25:30 PM



#64
Tetrachloroethene
Concen: 48.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.9	97.8	146.8
129	101.6	81.3	121.9
131	93.8	80.2	120.2





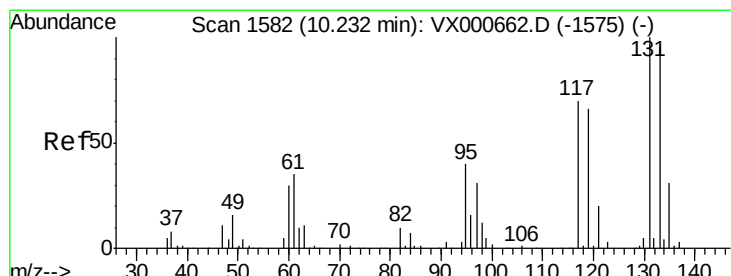
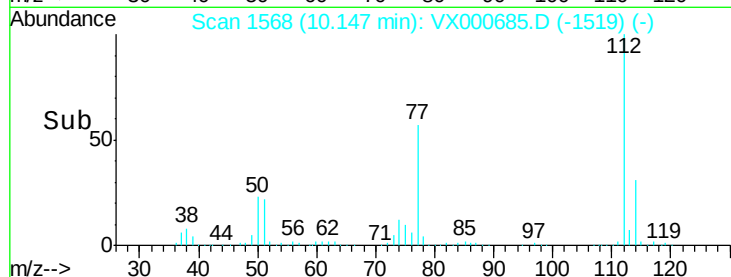
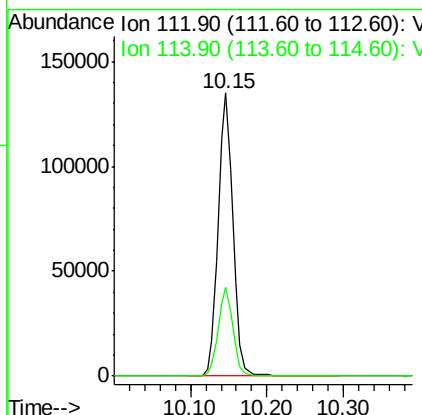
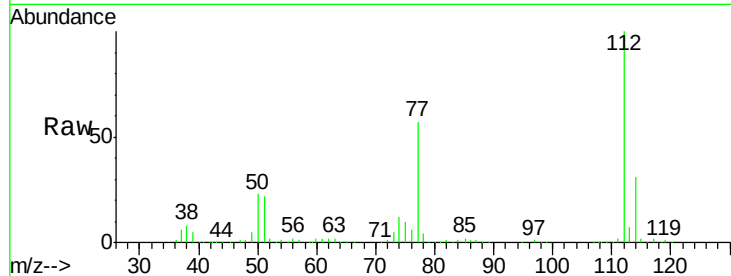
#65
Chlorobenzene
Concen: 51.66 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 180414
Ion Ratio Lower Upper
112 100
114 31.2 24.4 36.6

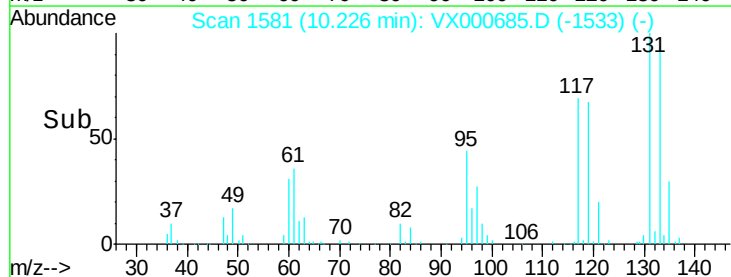
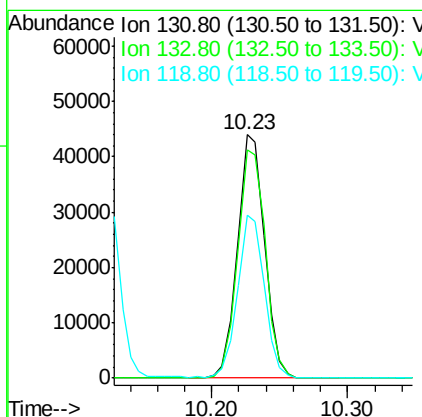
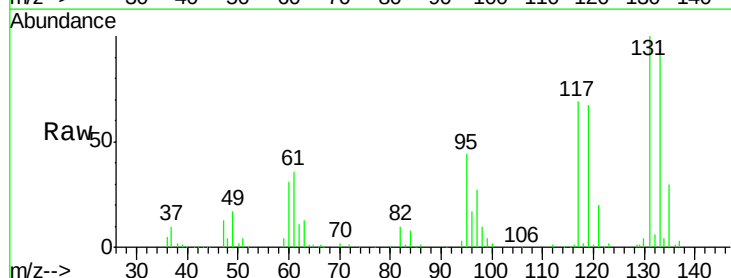
Manual Integrations
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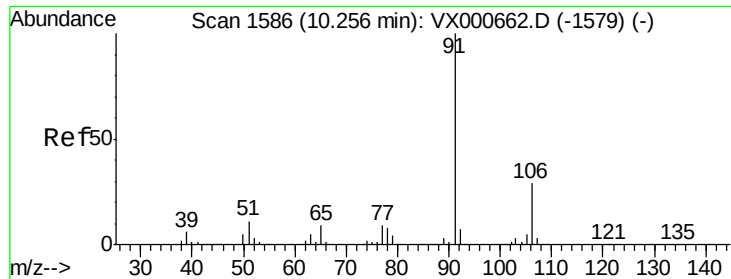
sam
4/5/2018 6:25:30 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.23 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion:131 Resp: 60999
Ion Ratio Lower Upper
131 100
133 96.0 49.0 147.2
119 66.4 34.9 104.8





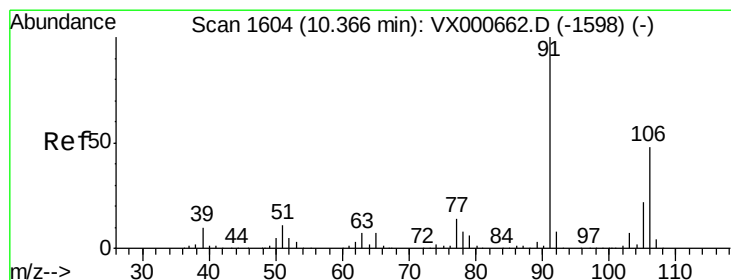
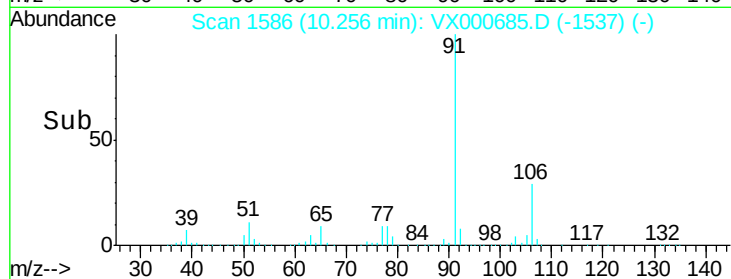
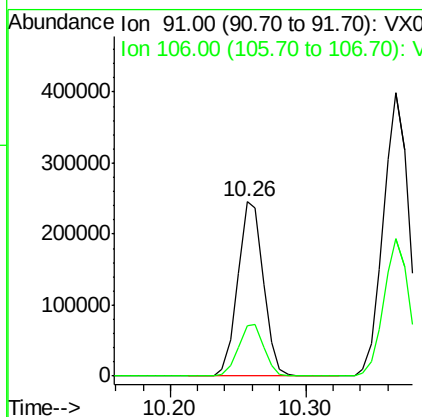
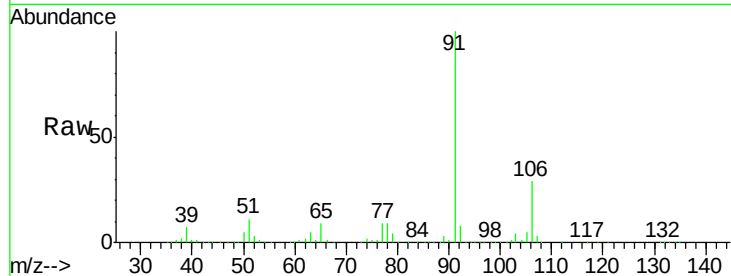
#67
Ethyl Benzene
Concen: 52.10 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 321895
Ion Ratio Lower Upper
91 100
106 28.6 23.4 35.2

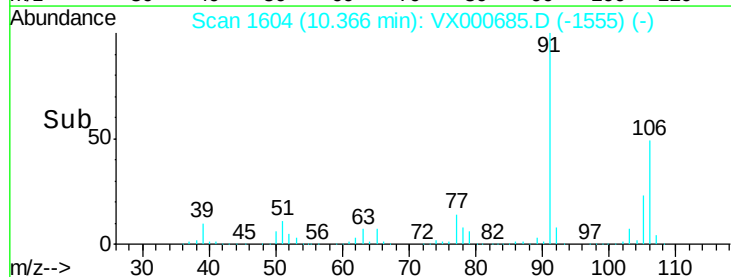
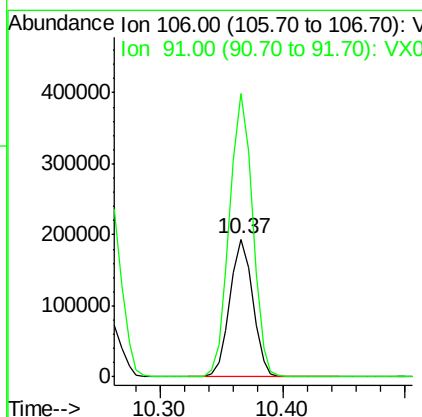
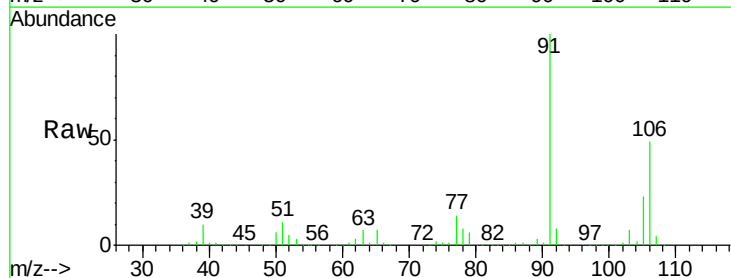
Manual Integrations
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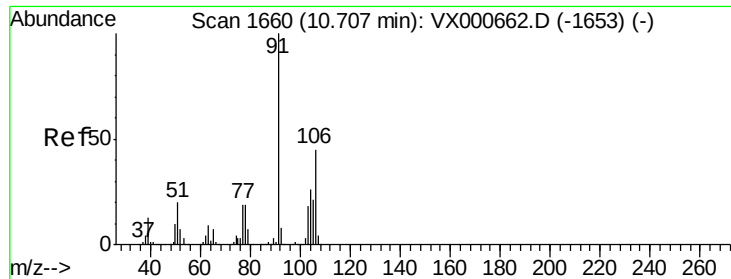
sam
4/5/2018 6:25:30 PM



#68
m/p-Xylenes
Concen: 107.75 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion: 106 Resp: 250907
Ion Ratio Lower Upper
106 100
91 207.3 167.0 250.6





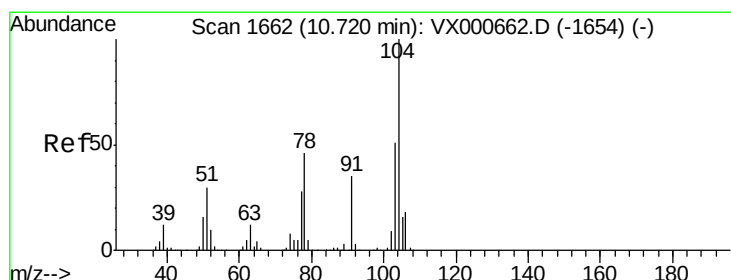
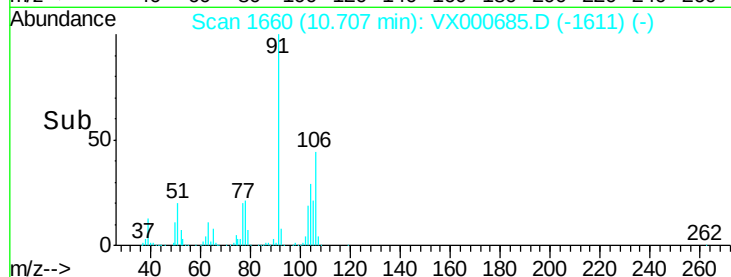
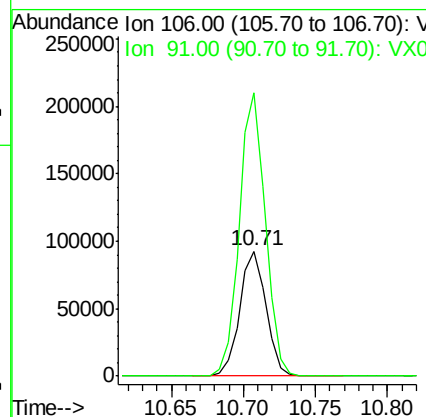
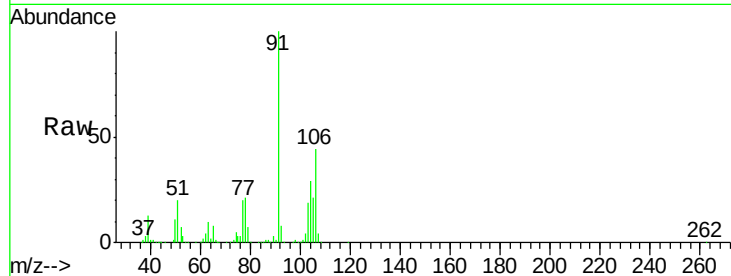
#69
o-Xylene
Concen: 51.49 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	224.2	111.6	334.6	

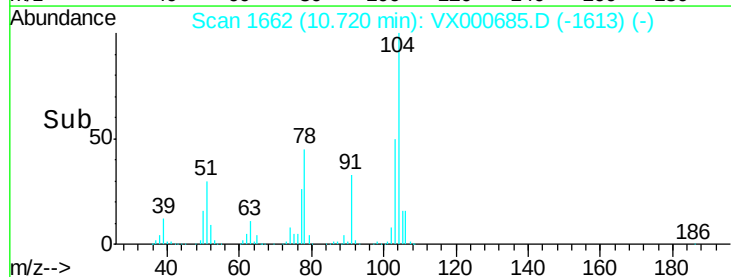
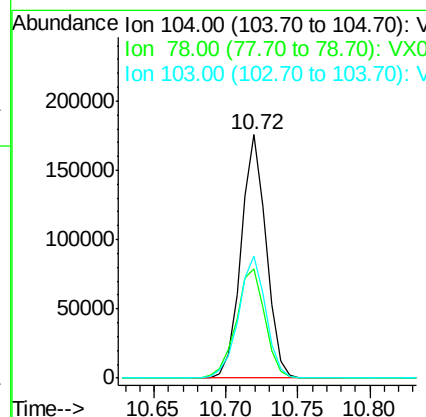
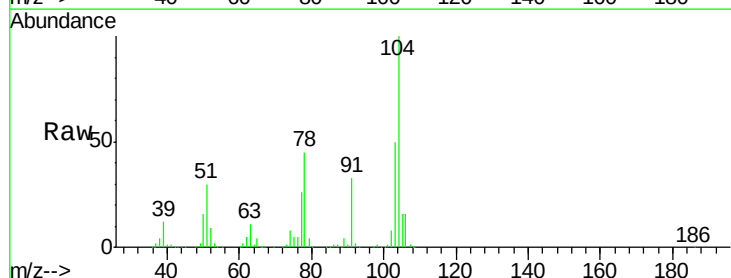
Manual Integrations
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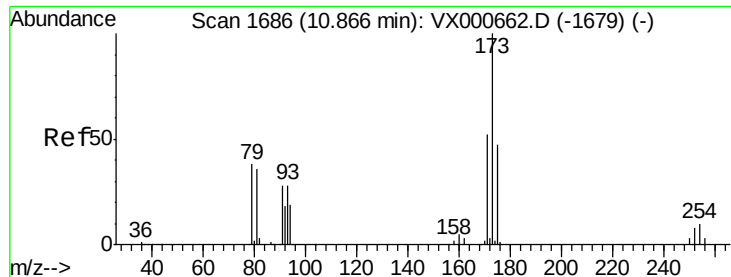
sam
4/5/2018 6:25:30 PM



#70
Styrene
Concen: 55.20 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.8	41.9	62.9	
103	54.8	45.3	67.9	





#71

Bromoform

Concen: 43.95 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:173 Resp: 53326

Ion Ratio Lower Upper

173 100

175 49.9 24.0 72.0

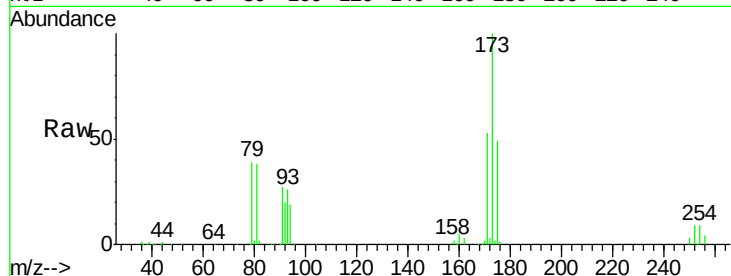
254 0.0 0.0 0.0

Manual Integrations

APPROVED

sam

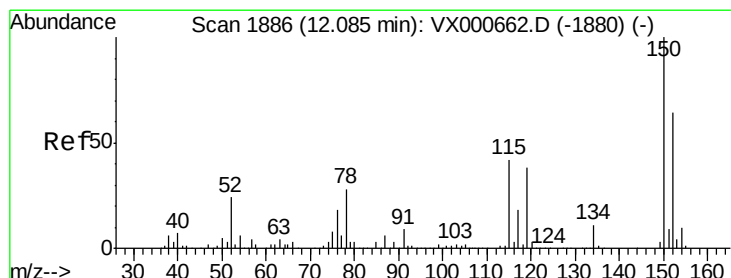
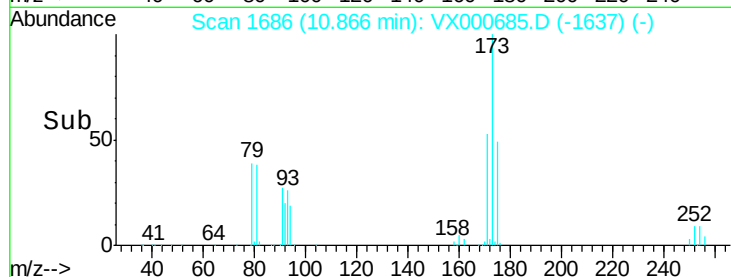
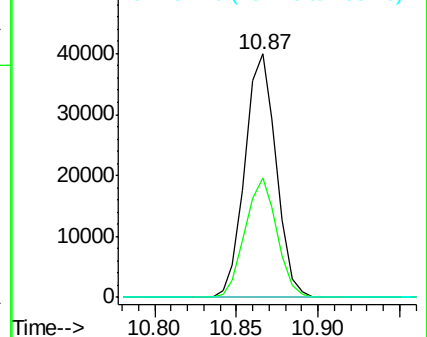
4/5/2018 6:25:30 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

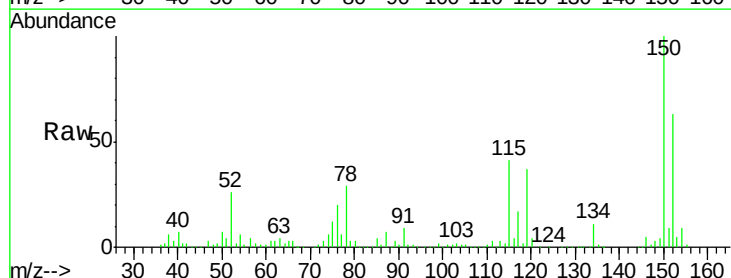
Tgt Ion:152 Resp: 109269

Ion Ratio Lower Upper

152 100

115 85.2 41.9 125.8

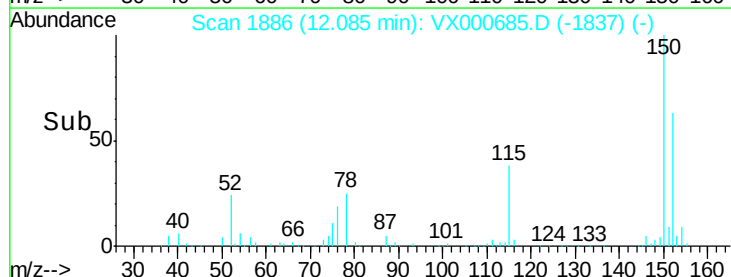
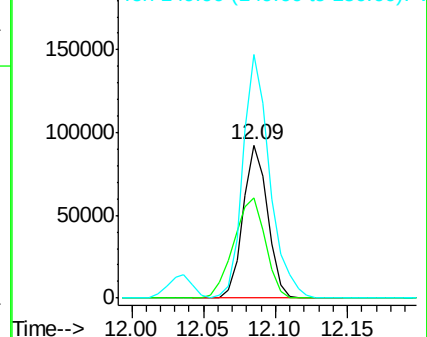
150 174.2 0.0 348.0

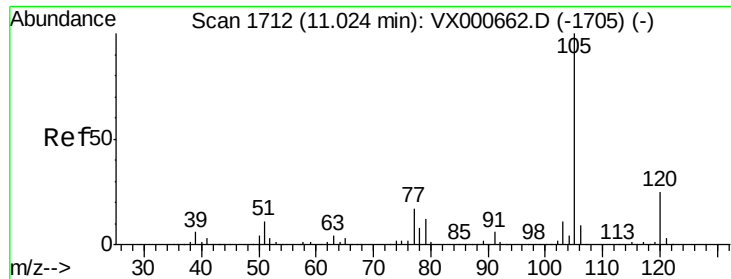


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 342872

Ion Ratio Lower Upper

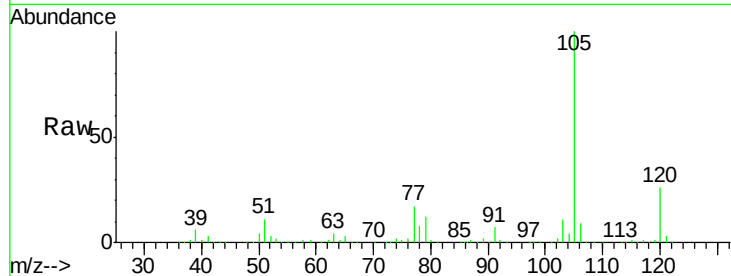
105 100

120 25.9 13.0 38.9

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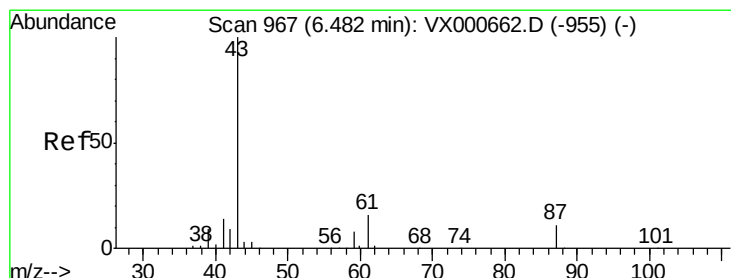
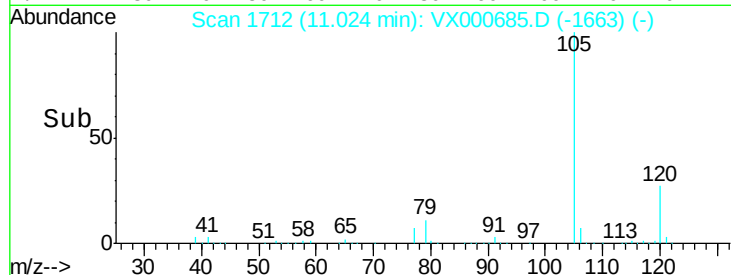
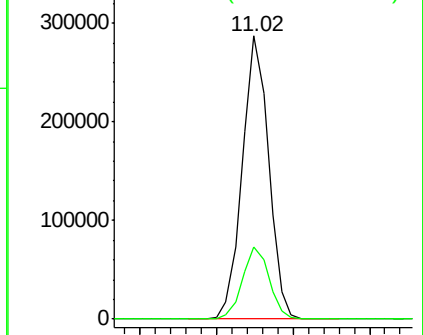
sam

4/5/2018 6:25:30 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.91 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Tgt Ion: 43 Resp: 169832

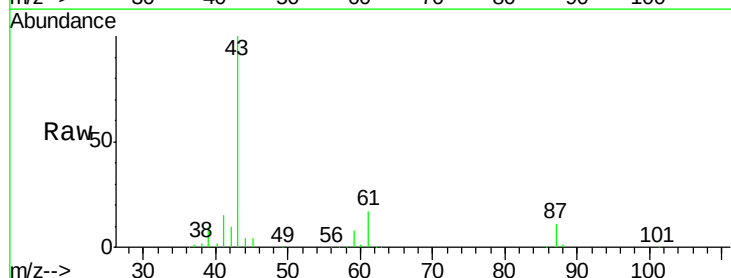
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 16.9 13.4 20.2

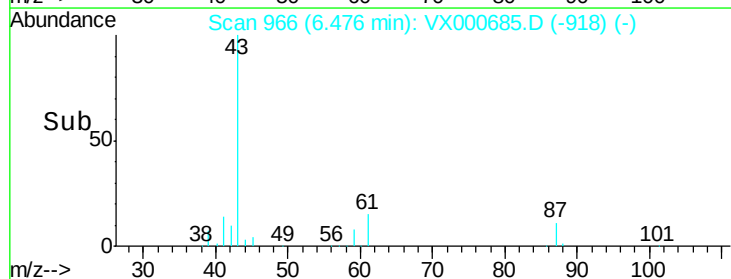
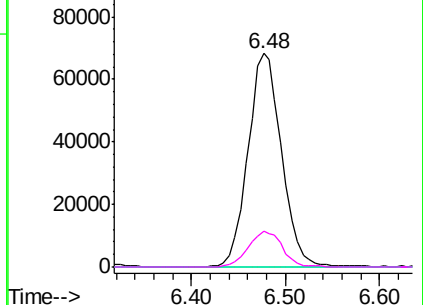


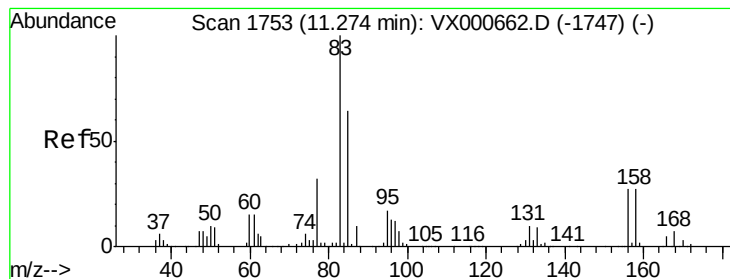
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.86 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

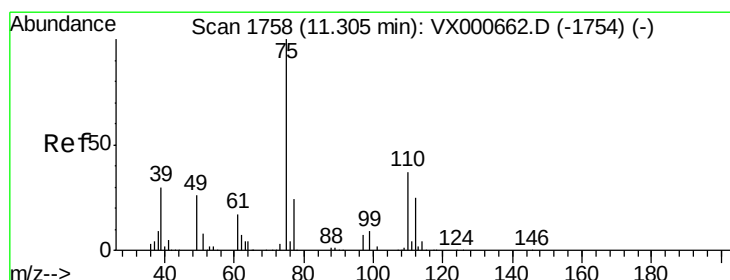
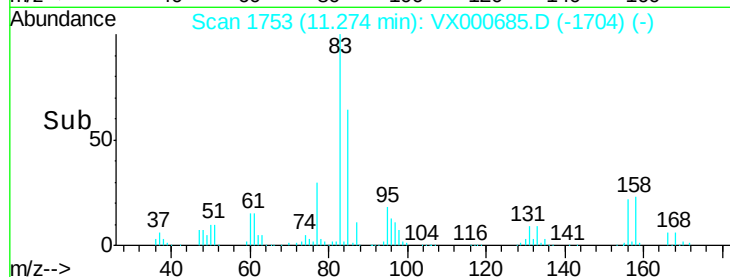
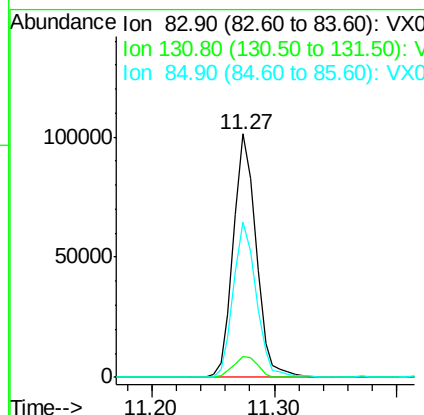
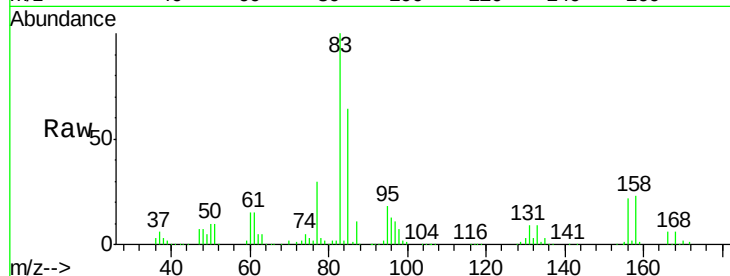
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	130380
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.7	14.1
85	64.2	32.0	96.0

Manual Integrations
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sam
4/5/2018 6:25:30 PM



#76

1,2,3-Trichloropropane

Concen: 48.66 ug/l m

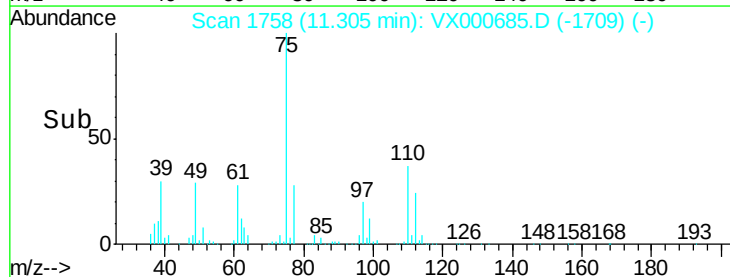
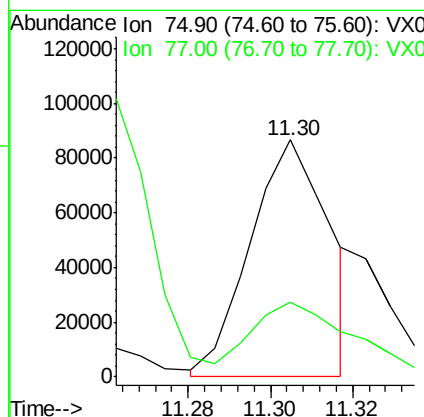
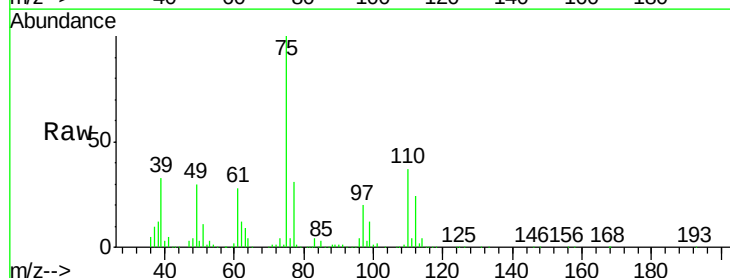
RT: 11.30 min Scan# 1758

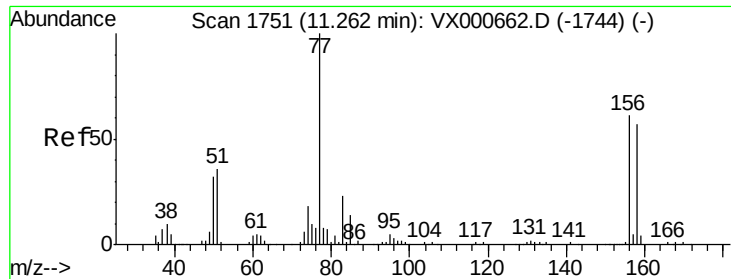
Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Tgt Ion:	75	Resp:	115960
Ion Ratio	Lower	Upper	
75	100		
77	40.5	20.2	60.6





#77

Bromobenzene

Concen: 47.70 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 78779

Ion Ratio Lower Upper

156 100

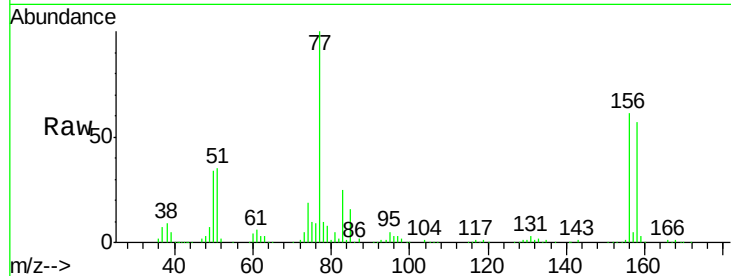
77 172.1 82.3 246.9

158 98.0 46.9 140.7

Manual Integrations
APPROVED

sam

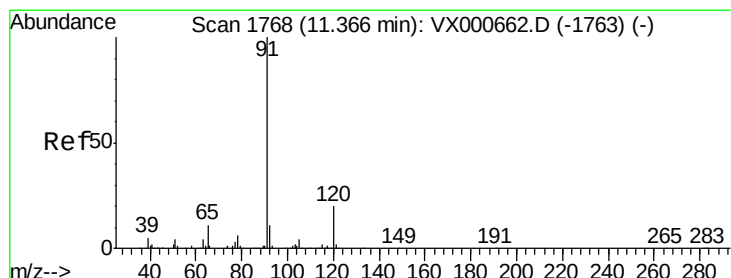
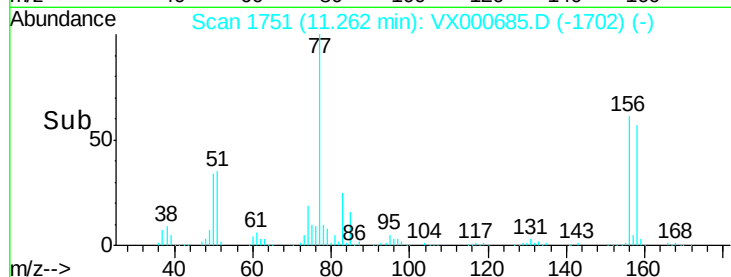
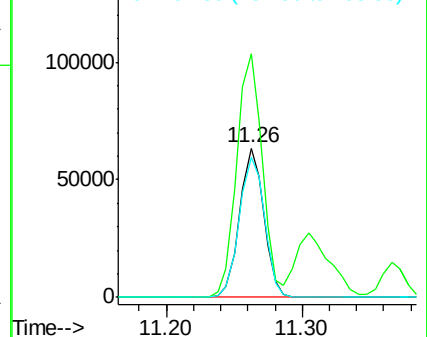
4/5/2018 6:25:30 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.35 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000685.D

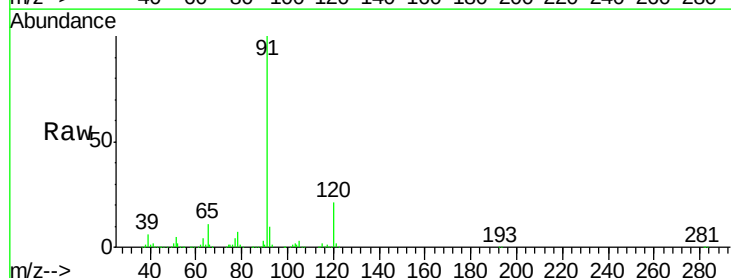
Acq: 05 Apr 2018 03:39

Tgt Ion: 91 Resp: 421670

Ion Ratio Lower Upper

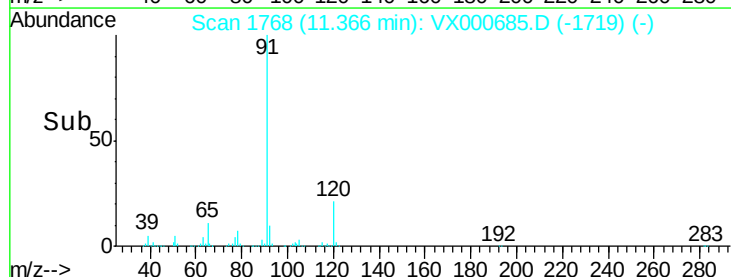
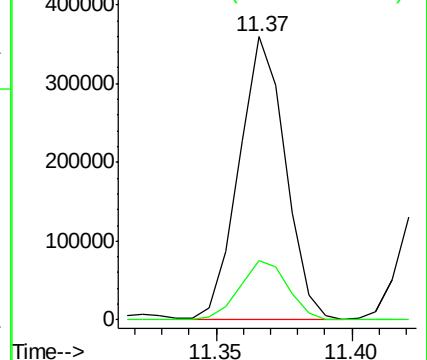
91 100

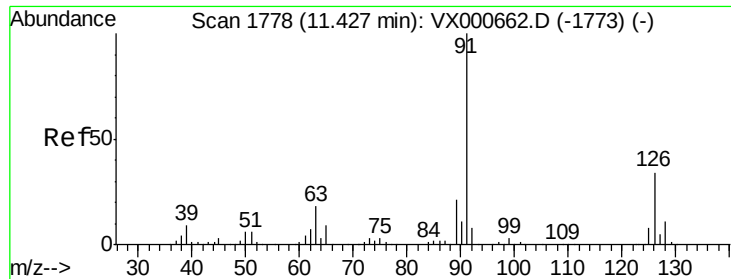
120 21.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.97 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 237804

Ion Ratio Lower Upper

91 100

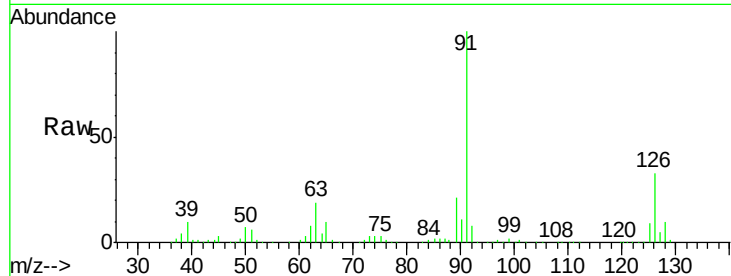
126 34.4 17.3 51.9

Manual Integrations

APPROVED

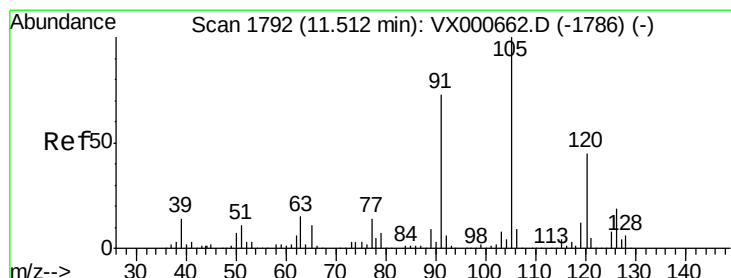
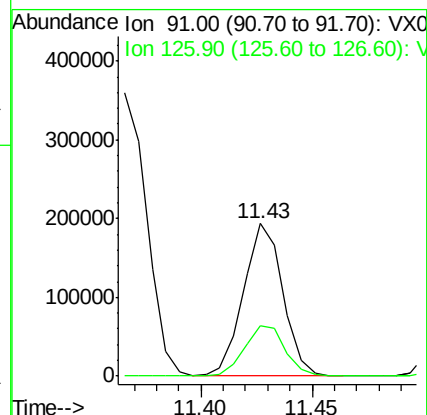
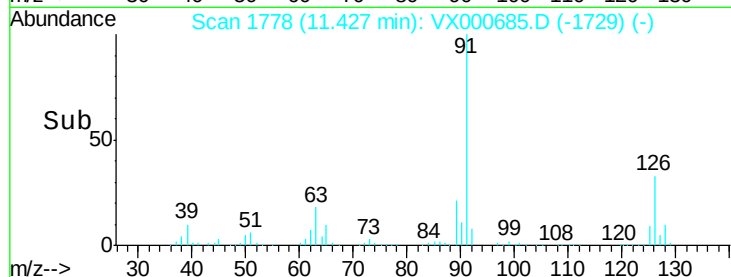
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX000662.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000662.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.21 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000685.D

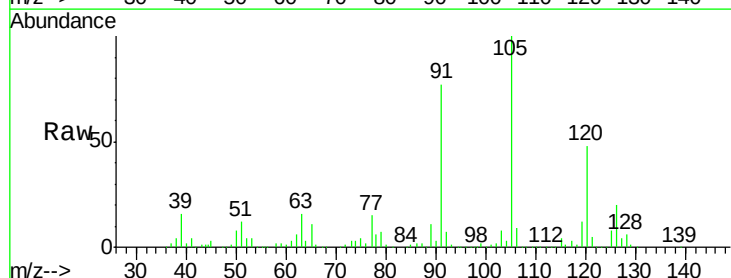
Acq: 05 Apr 2018 03:39

Tgt Ion: 105 Resp: 300201

Ion Ratio Lower Upper

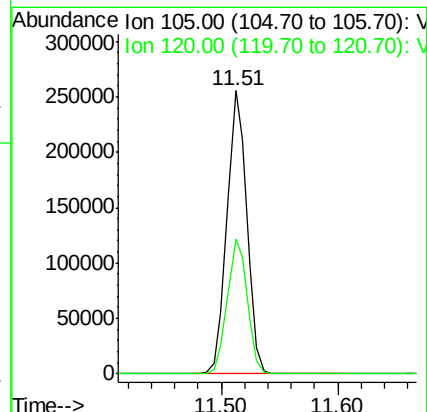
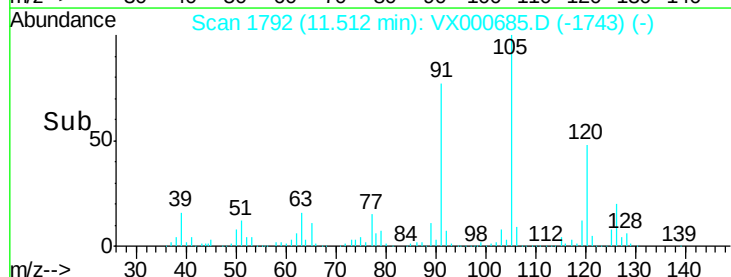
105 100

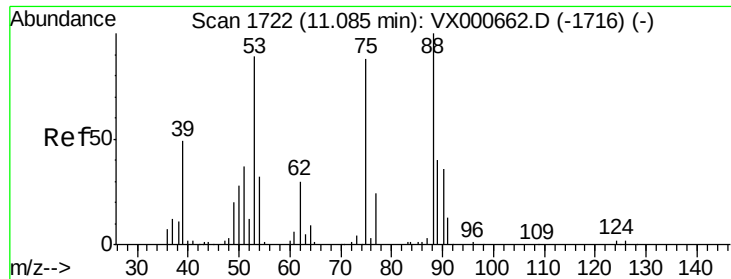
120 47.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VX000662.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000662.D (-1786) (-)





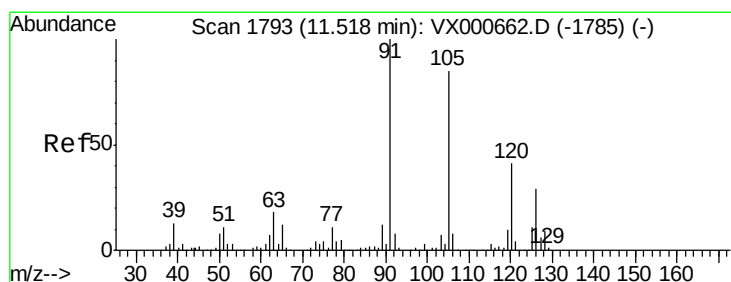
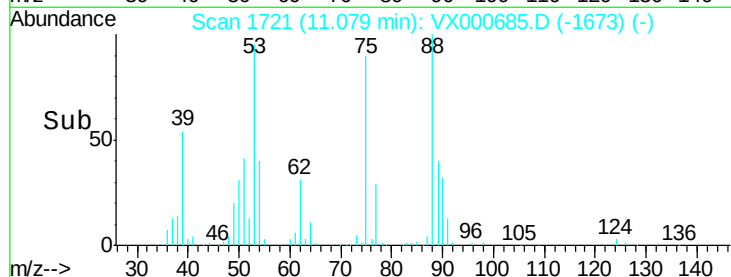
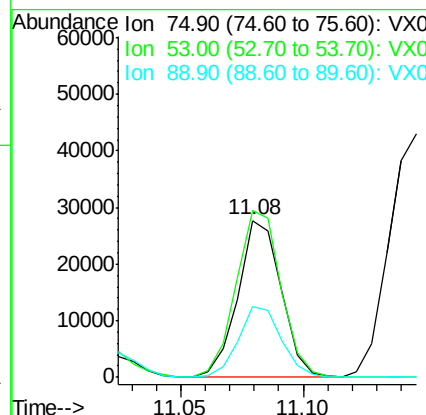
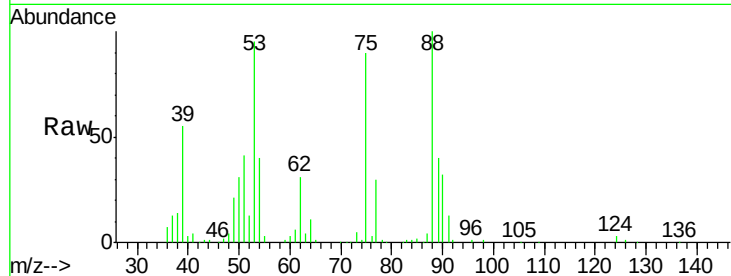
#81
trans-1,4-Dichloro-2-butene
Concen: 51.57 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.9	85.7	128.5
89	44.6	36.3	54.5

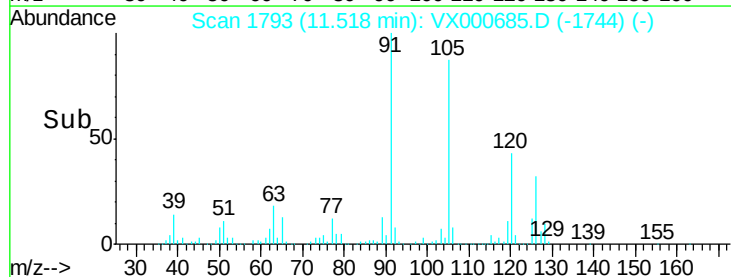
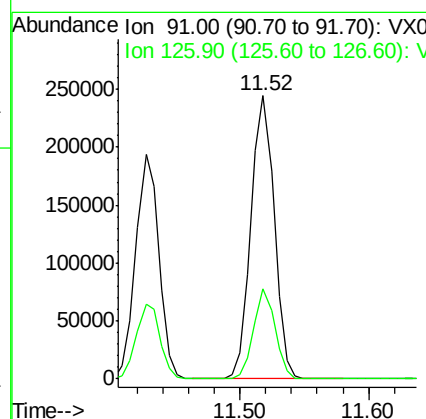
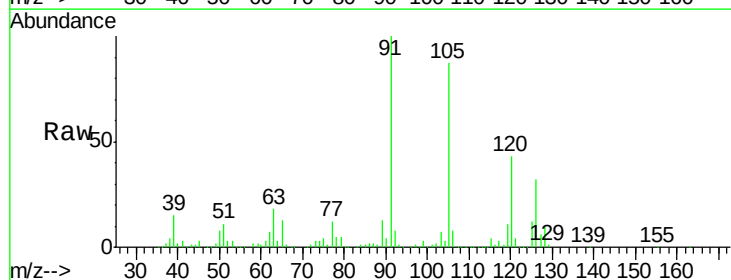
Manual Integrations
APPROVED

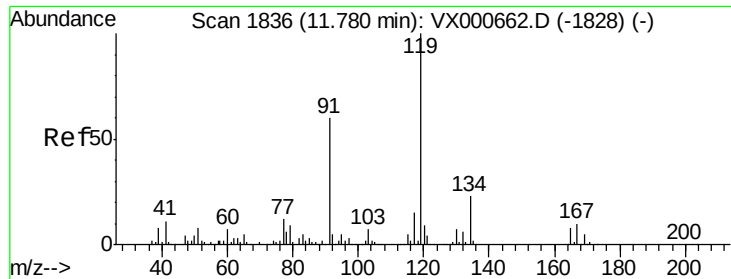
sam
4/5/2018 6:25:30 PM



#82
4-Chlorotoluene
Concen: 52.99 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.8	44.3





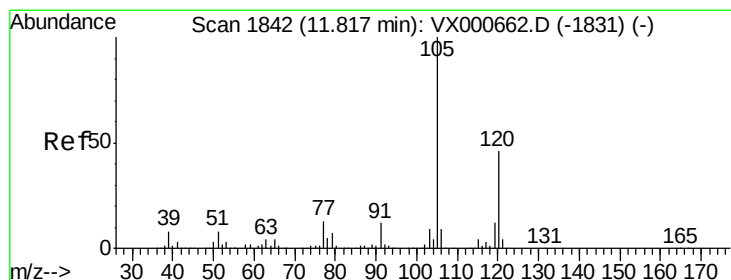
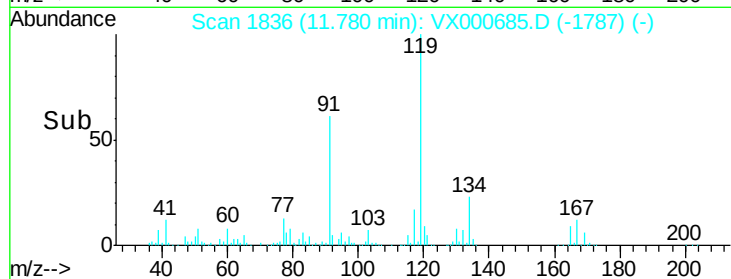
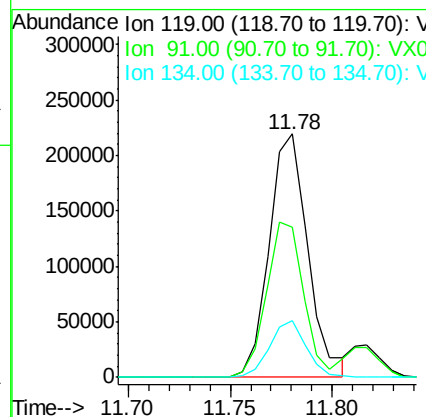
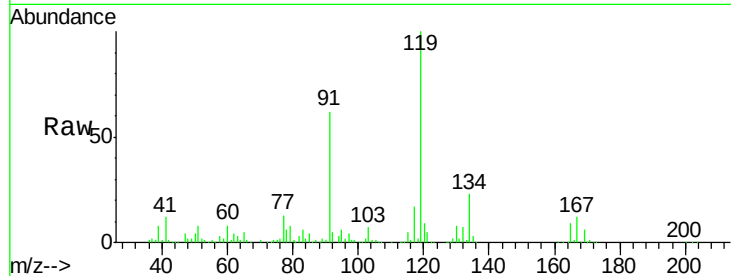
#83
 tert-Butylbenzene
 Concen: 52.86 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	290680		
91	61.1	30.9	92.8	
134	21.9	11.1	33.3	

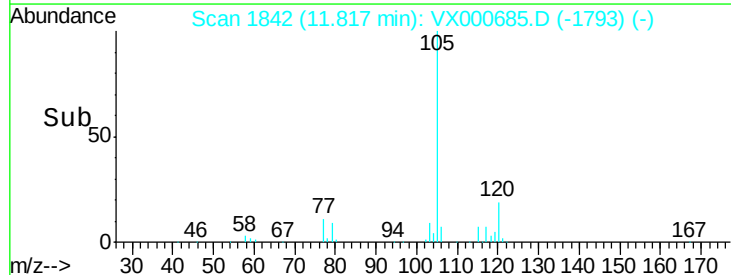
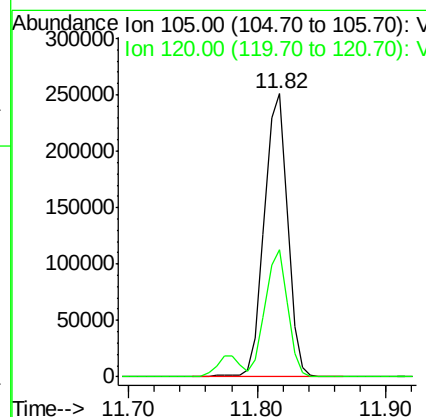
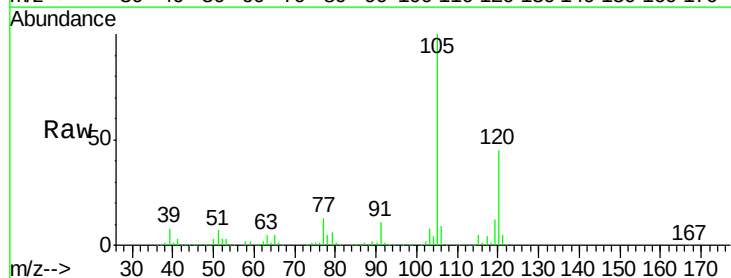
Manual Integrations
 APPROVED

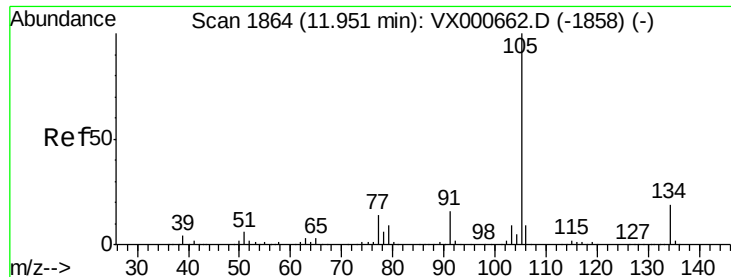
sam
 4/5/2018 6:25:30 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 53.04 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	312943		
120	43.3	21.6	65.0	





#85

sec-Butylbenzene

Concen: 53.71 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 375212

Ion Ratio Lower Upper

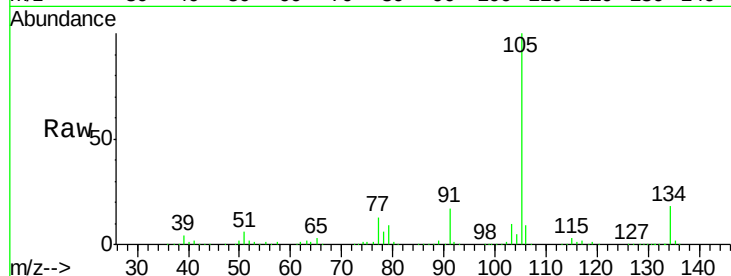
105 100

134 18.8 9.6 28.6

Manual Integrations
APPROVED

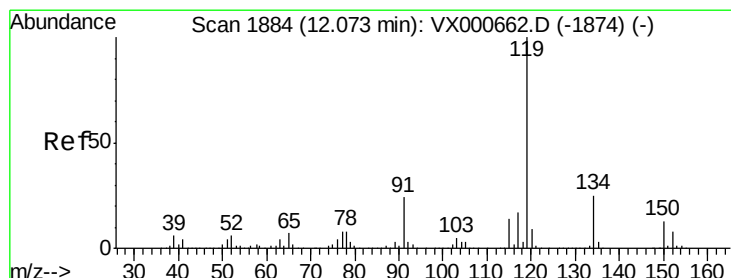
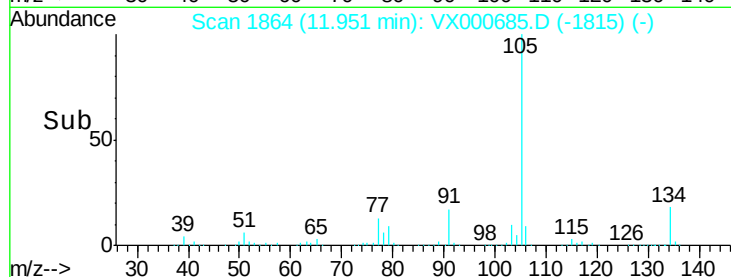
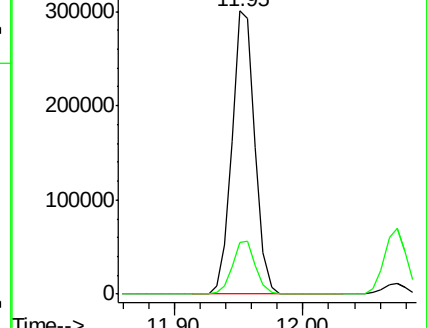
sam

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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: 55.16 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

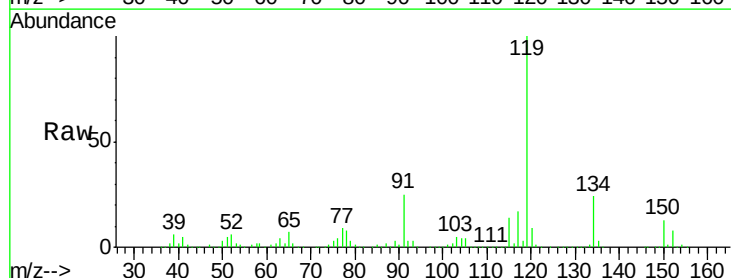
Tgt Ion:119 Resp: 335390

Ion Ratio Lower Upper

119 100

134 24.7 12.9 38.6

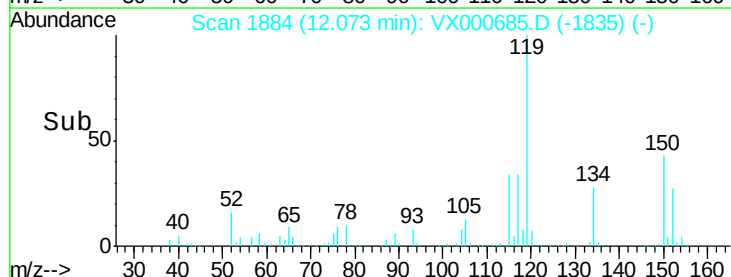
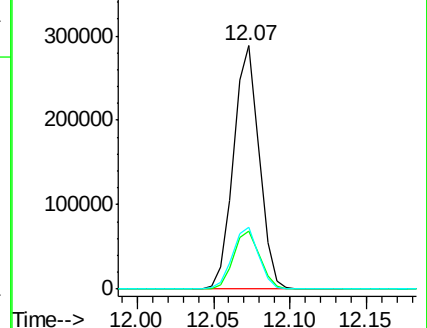
91 25.8 12.6 37.6

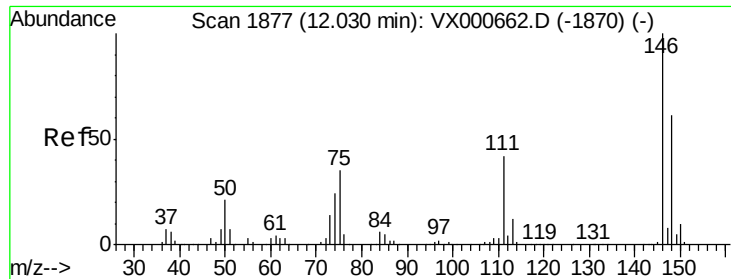


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





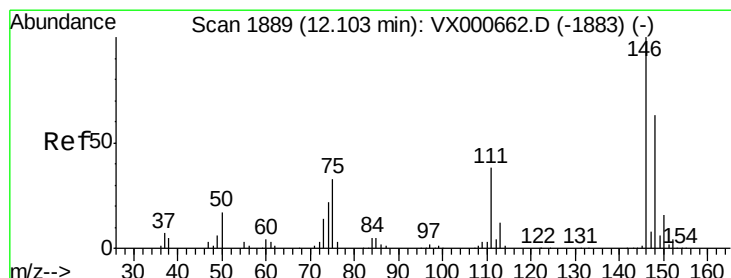
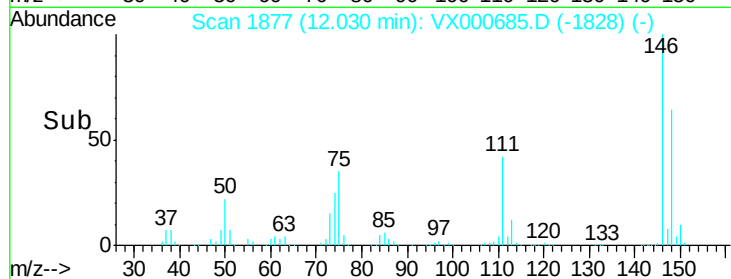
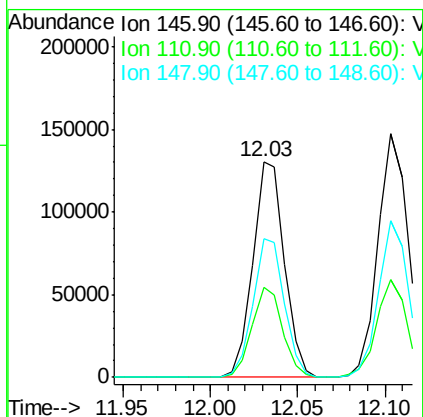
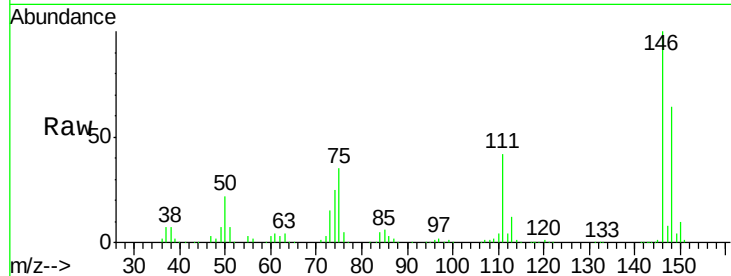
#87
 1,3-Dichlorobenzene
 Concen: 50.84 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.6
148	64.1	31.0	93.0

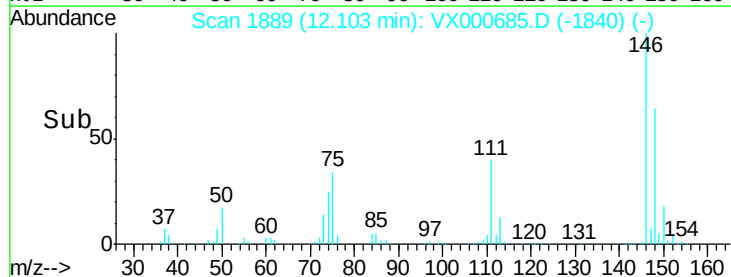
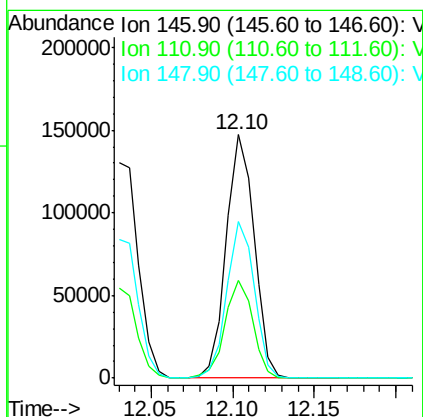
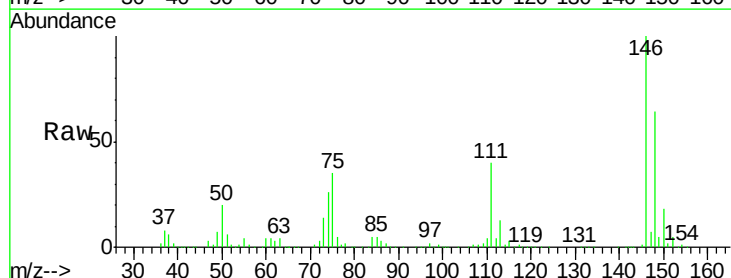
Manual Integrations
 APPROVED

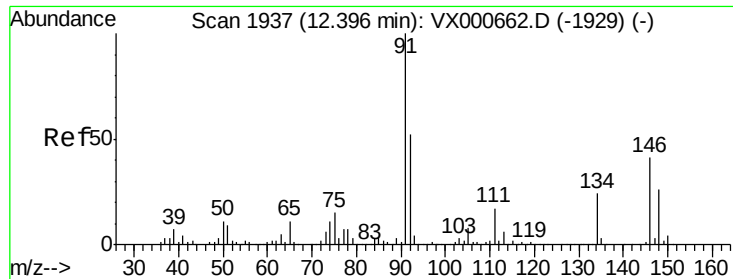
sam
 4/5/2018 6:25:30 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.02 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.3
148	63.0	31.8	95.4





#89

n-Butylbenzene

Concen: 53.23 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 330157
Ion Ratio Lower Upper

91 100

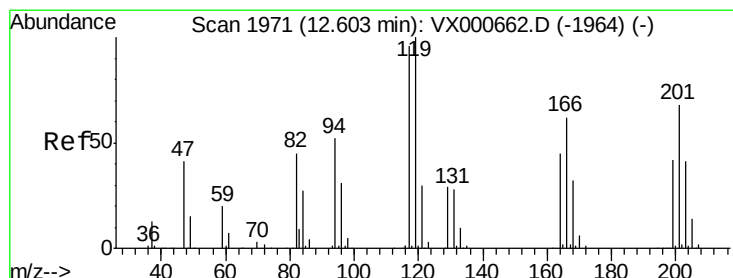
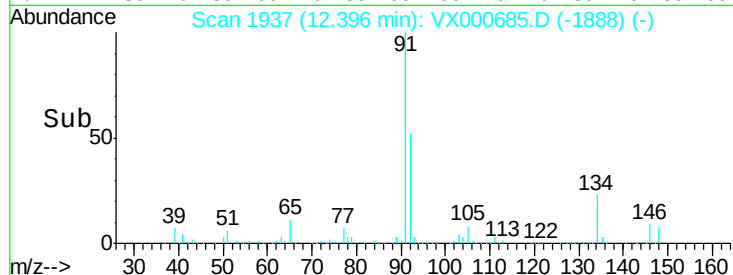
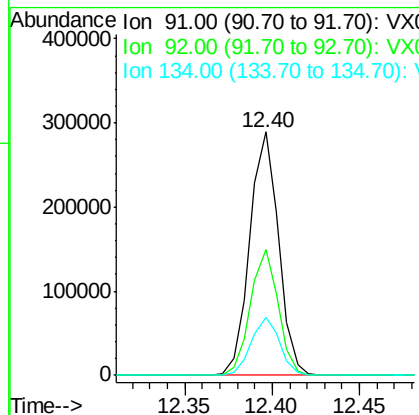
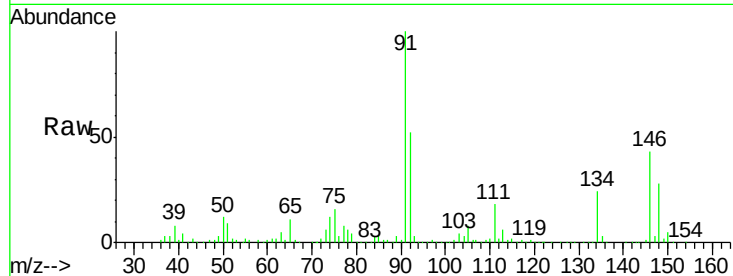
92 50.2 25.9 77.8

134 23.6 12.2 36.6

Manual Integrations
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sam

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#90

Hexachloroethane

Concen: 51.54 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000685.D

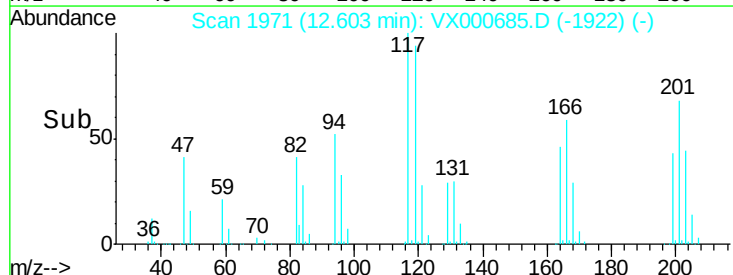
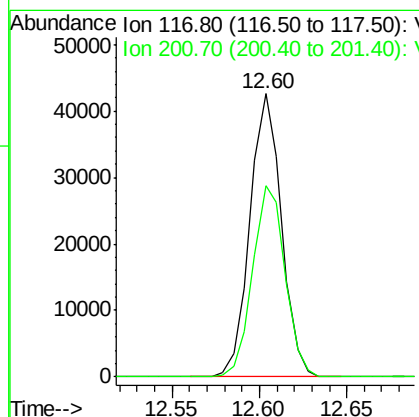
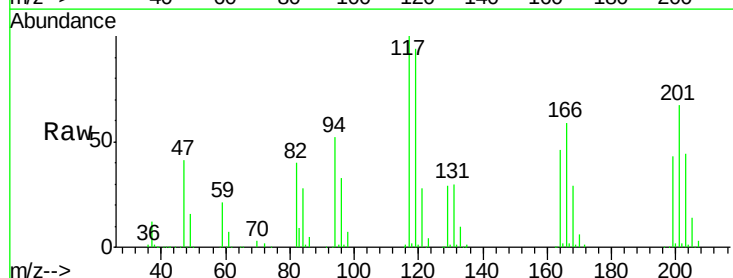
Acq: 05 Apr 2018 03:39

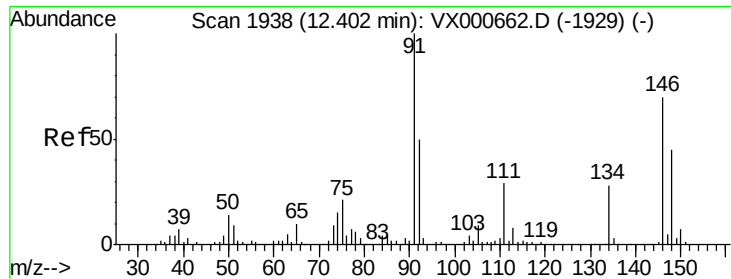
Tgt Ion: 117 Resp: 53239

Ion Ratio Lower Upper

117 100

201 69.7 33.9 101.6





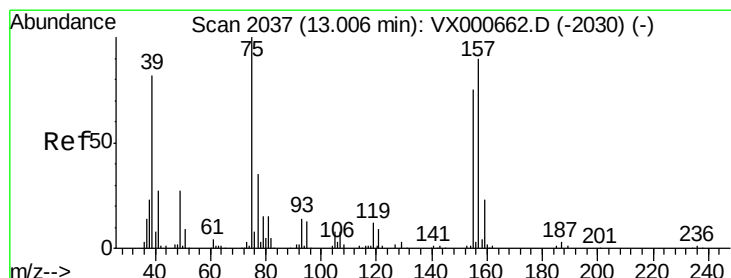
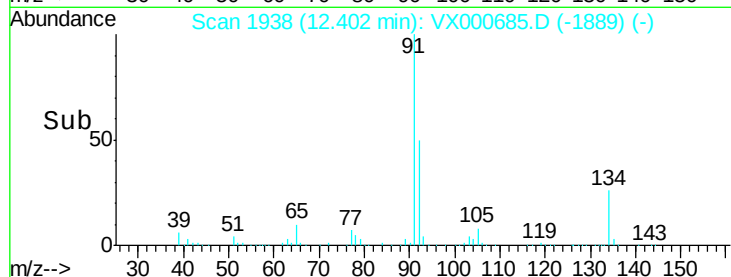
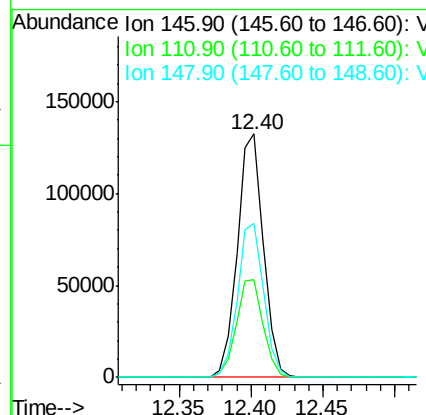
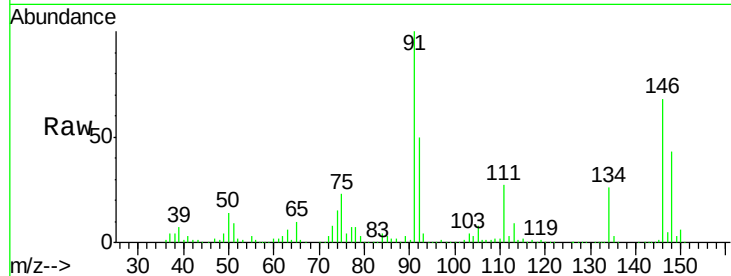
#91
 1,2-Dichlorobenzene
 Concen: 49.98 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.7
148	63.5	31.8	95.3

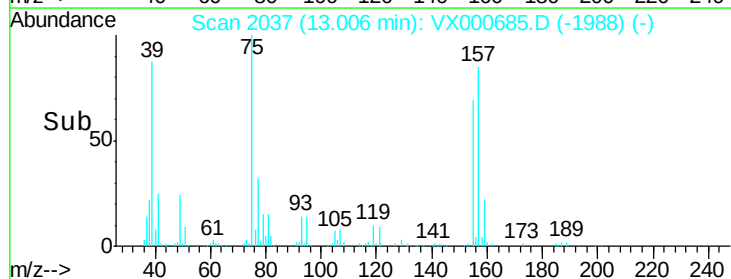
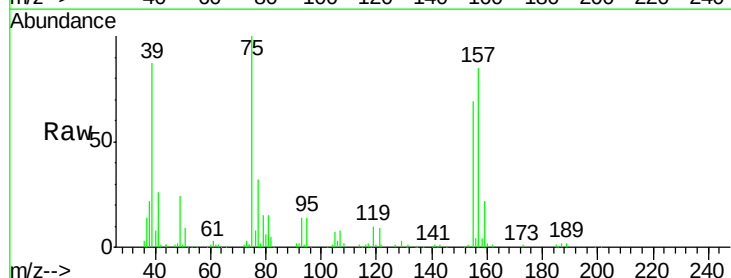
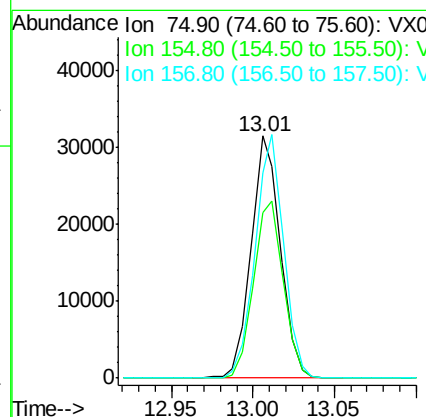
Manual Integrations
 APPROVED

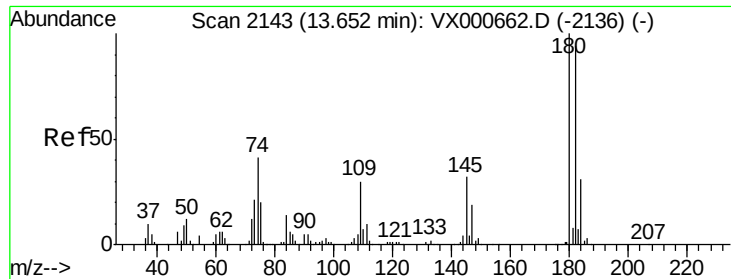
sam
 4/5/2018 6:25:30 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.89 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.8	38.9	116.7
157	97.9	49.1	147.3





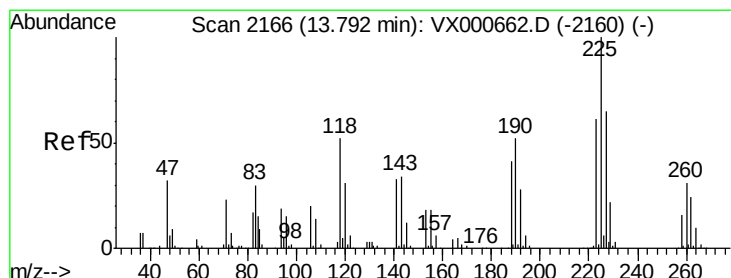
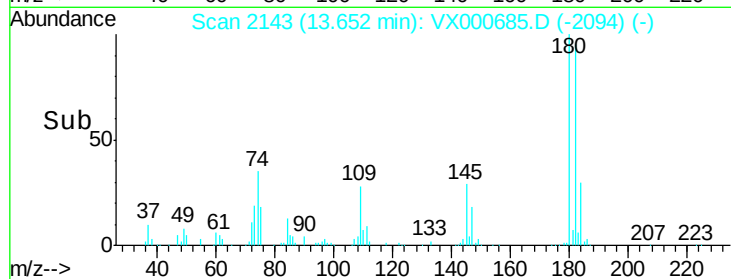
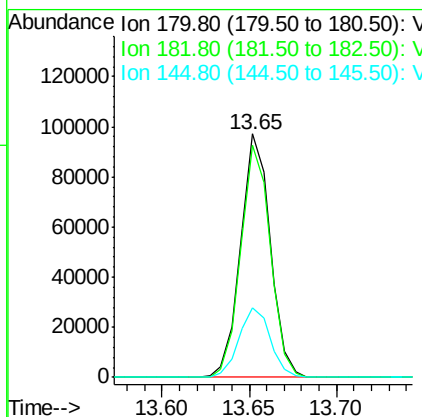
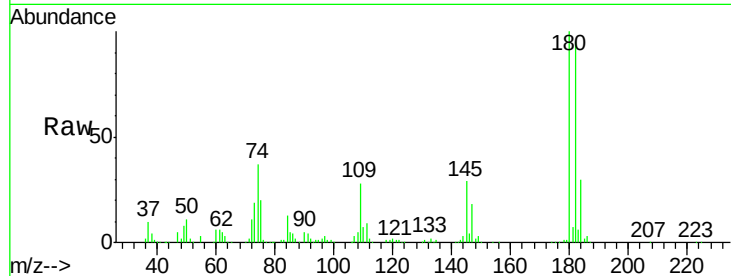
#93
 1,2,4-Trichlorobenzene
 Concen: 50.72 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.2
145	30.2	14.8	44.3

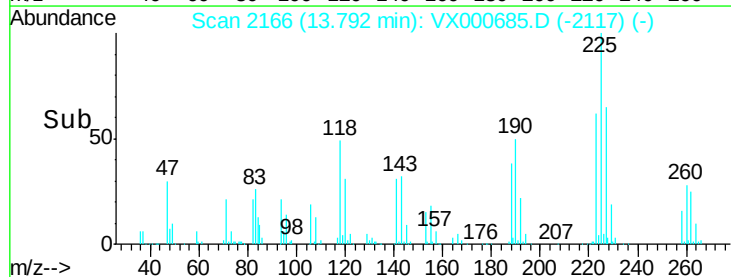
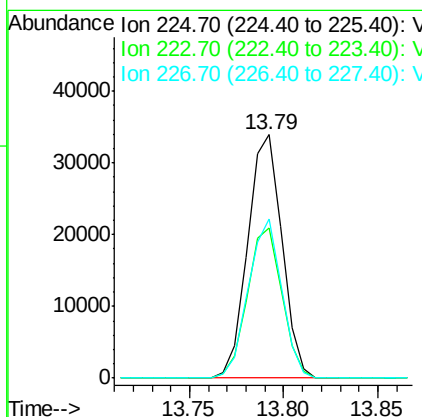
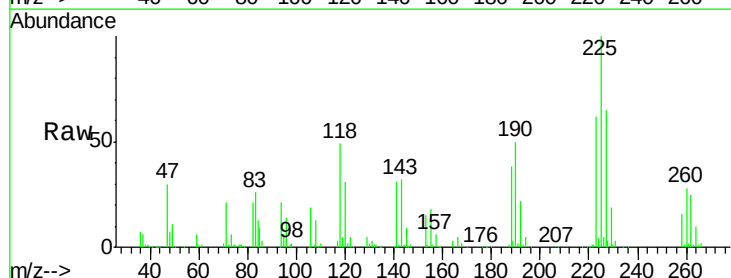
Manual Integrations
 APPROVED

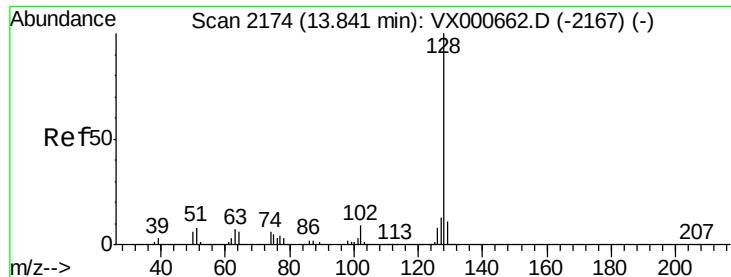
sam
 4/5/2018 6:25:30 PM



#94
 Hexachlorobutadiene
 Concen: 49.41 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.0
227	63.7	32.7	98.1





#95

Naphthalene

Concen: 53.03 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

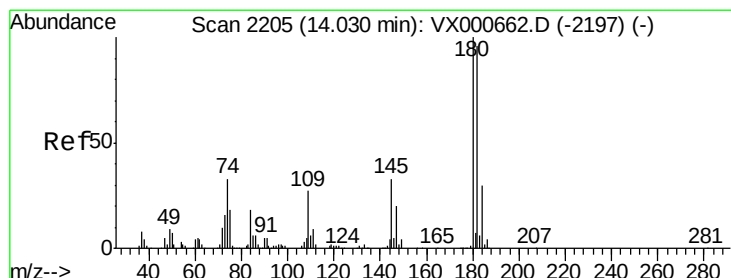
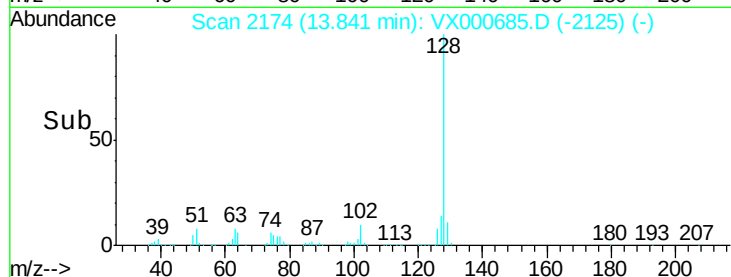
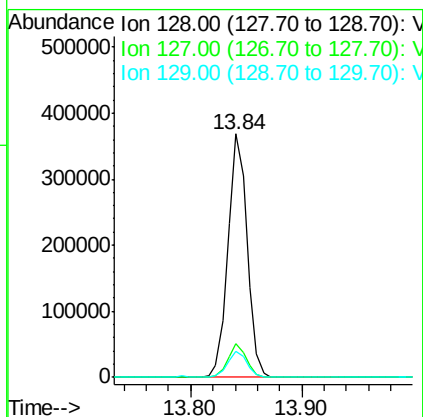
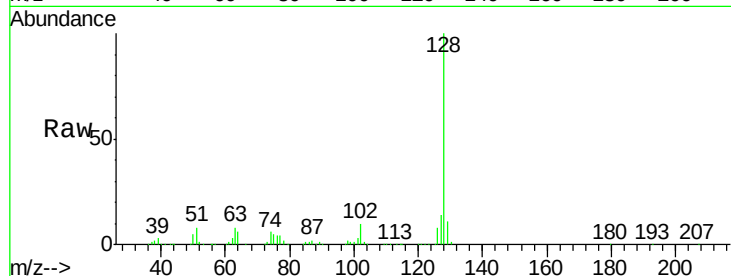
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	436035
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.7	8.9	13.3

Manual Integrations
APPROVED

sam
4/5/2018 6:25:30 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.21 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Tgt Ion:	180	Resp:	114137
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.2	141.6
145	32.3	16.8	50.4

