

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003120.D
 Acq On : 02 Jul 2018 11:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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sam
 7/3/2018 3:53:41 PM

Quant Time: Jul 03 07:03:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237604	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	186400	46.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.82%	
35) Dibromofluoromethane	5.51	113	154668	51.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.44%	
50) Toluene-d8	8.72	98	561043	50.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.14	95	219472	51.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	149581	57.70	ug/l	98
3) Chloromethane	1.32	50	150129	55.87	ug/l	100
4) Vinyl Chloride	1.40	62	167603	51.00	ug/l	96
5) Bromomethane	1.64	94	48675	30.68	ug/l	97
6) Chloroethane	1.71	64	108065	56.32	ug/l	97
7) Trichlorofluoromethane	1.92	101	265288	47.86	ug/l	97
8) Diethyl Ether	2.19	74	100498	49.87	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	158642	49.39	ug/l	97
10) Methyl Iodide	2.51	142	133671	42.15	ug/l	97
11) Tert butyl alcohol	3.08	59	181959	227.42	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140554	49.05	ug/l	94
13) Acrolein	2.29	56	86091	195.03	ug/l	100
14) Allyl chloride	2.73	41	277169	49.06	ug/l	95
15) Acrylonitrile	3.15	53	413441	241.92	ug/l	100
16) Acetone	2.45	43	548675	329.87	ug/l	97
17) Carbon Disulfide	2.57	76	407350	53.35	ug/l	99
18) Methyl Acetate	2.78	43	192351	41.36	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	502576	48.78	ug/l	99
20) Methylene Chloride	2.85	84	157793	48.75	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	152905	48.99	ug/l	95
22) Diisopropyl ether	3.87	45	554973	51.39	ug/l	96
23) Vinyl Acetate	3.82	43	2461954	269.26	ug/l	98
24) 1,1-Dichloroethane	3.70	63	281524	47.97	ug/l	99
25) 2-Butanone	4.71	43	715325	289.78	ug/l	98
26) 2,2-Dichloropropane	4.59	77	249880	52.36	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	181299	51.80	ug/l	94
28) Bromochloromethane	5.02	49	135388	48.19	ug/l	89
29) Tetrahydrofuran	5.17	42	390724	246.83	ug/l	96
30) Chloroform	5.21	83	296846	49.28	ug/l	96
31) Cyclohexane	5.57	56	259020	51.42	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	267486	50.47	ug/l	98
36) 1,1-Dichloropropene	5.80	75	224265	53.63	ug/l	99
37) Ethyl Acetate	4.87	43	247719	55.02	ug/l	99
38) Carbon Tetrachloride	5.78	117	244919	53.38	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	266549	54.73	ug/l	96
40) Benzene	6.15	78	649232	53.44	ug/l	99
41) Methacrylonitrile	5.06	41	137615	53.08	ug/l	97
42) 1,2-Dichloroethane	6.20	62	243955	49.71	ug/l	99
43) Isopropyl Acetate	6.47	43	393273	52.08	ug/l	98
44) Trichloroethene	7.21	130	193321	53.37	ug/l	99
45) 1,2-Dichloropropane	7.52	63	169667	52.65	ug/l	100
46) Dibromomethane	7.67	93	116455	52.07	ug/l	95
47) Bromodichloromethane	7.90	83	222649	53.85	ug/l	97
48) Methyl methacrylate	7.78	41	202788	52.12	ug/l	95
49) 1,4-Dioxane	7.76	88	77802	1027.86	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1243746	263.27	ug/l	97
52) Toluene	8.79	92	421917	54.21	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	266943	57.01	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	249147	55.30	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	171841	53.73	ug/l	99
56) Ethyl methacrylate	9.18	69	261560	55.96	ug/l	93
57) 1,3-Dichloropropane	9.37	76	277504	52.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	666400	295.52	ug/l	97
59) 2-Hexanone	9.50	43	1011168	281.63	ug/l	97
60) Dibromochloromethane	9.59	129	189450	56.27	ug/l	99
61) 1,2-Dibromoethane	9.68	107	184376	54.96	ug/l	100
64) Tetrachloroethene	9.34	164	217905	54.01	ug/l	99
65) Chlorobenzene	10.14	112	485556	52.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	182244	54.43	ug/l	99
67) Ethyl Benzene	10.26	91	831015	54.58	ug/l	100
68) m/p-Xylenes	10.36	106	651425	111.02	ug/l	98
69) o-Xylene	10.70	106	317207	55.52	ug/l	97
70) Styrene	10.71	104	528290	56.90	ug/l	99
71) Bromoform	10.86	173	152651	50.43	ug/l #	100
73) Isopropylbenzene	11.02	105	856032	53.55	ug/l	100
74) N-amyl acetate	6.47	43	393273	50.28	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	256475	52.09	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	254730m	59.19	ug/l	
77) Bromobenzene	11.26	156	238394	52.37	ug/l	96
78) n-propylbenzene	11.36	91	977160	53.71	ug/l	98
79) 2-Chlorotoluene	11.43	91	573995	52.11	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	728315	54.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	72152	48.73	ug/l	95
82) 4-Chlorotoluene	11.51	91	687732	52.74	ug/l	99
83) tert-Butylbenzene	11.77	119	709208	53.45	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	748884	53.69	ug/l	98
85) sec-Butylbenzene	11.95	105	847478	52.65	ug/l	99
86) p-Isopropyltoluene	12.07	119	784798	54.23	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	440444	52.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	442720	51.75	ug/l	99
89) n-Butylbenzene	12.39	91	672511	53.39	ug/l	99
90) Hexachloroethane	12.60	117	108428	50.38	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	439065	52.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55550	50.19	ug/l	93

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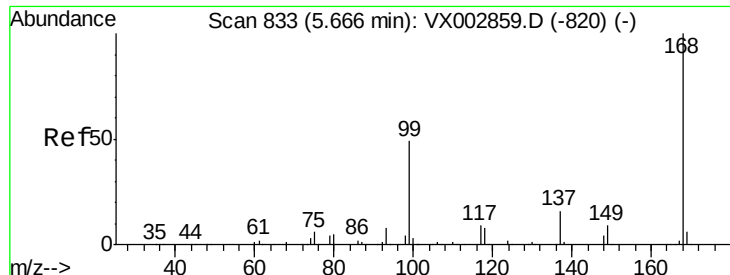
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	330449	54.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	164322	53.95	ug/l	100
95) Naphthalene	13.83	128	904213	55.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	329980	54.10	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 290579

Ion Ratio Lower Upper

168 100

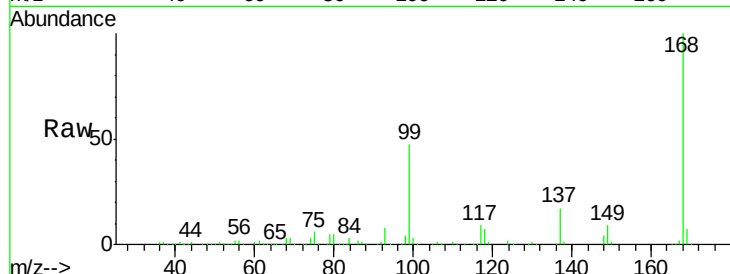
99 46.7 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

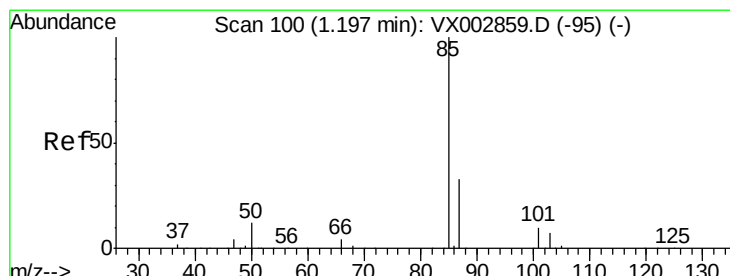
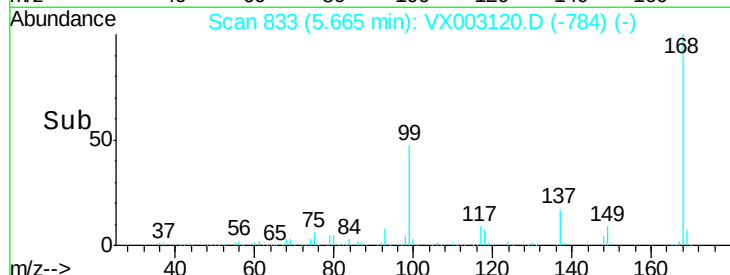
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 57.70 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003120.D

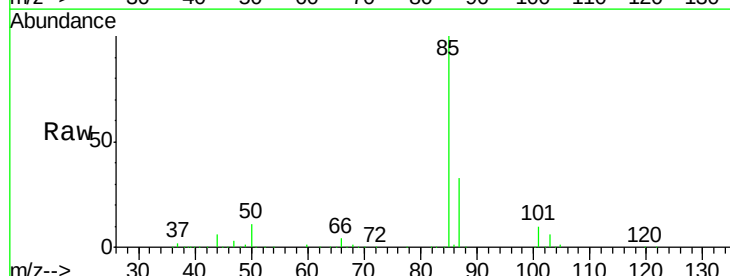
Acq: 02 Jul 2018 11:31

Tgt Ion: 85 Resp: 149581

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

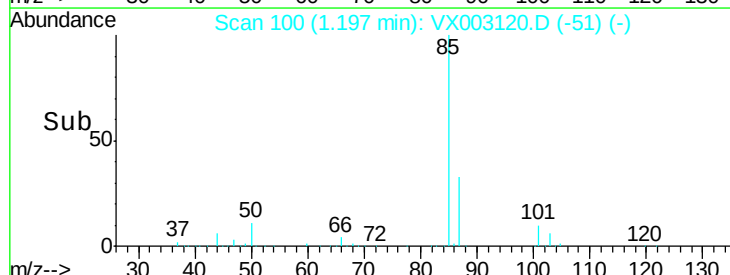
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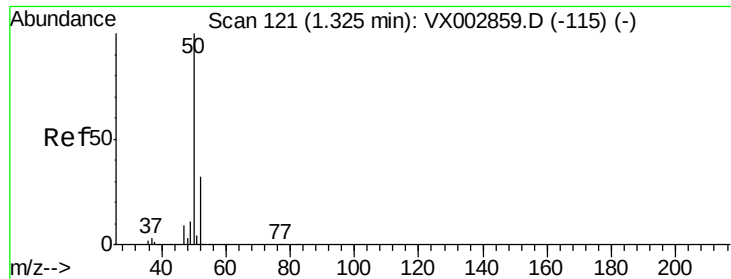
1.10

1.20

1.30

Time-->





#3

Chloromethane

Concen: 55.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 150129

Ion Ratio Lower Upper

50 100

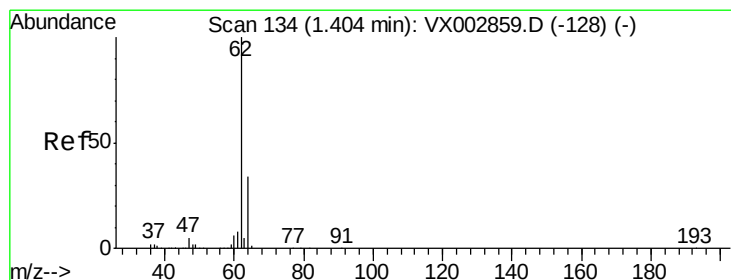
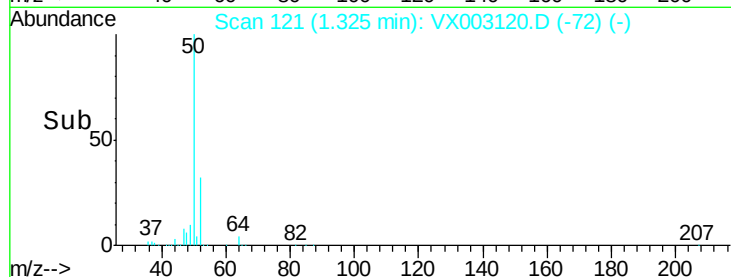
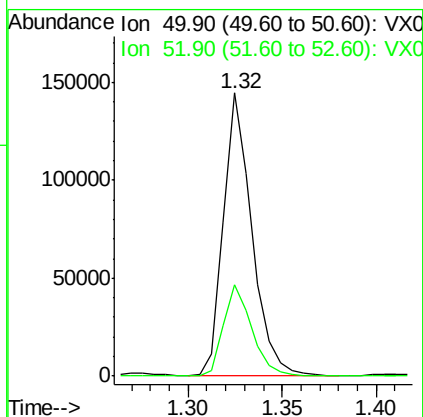
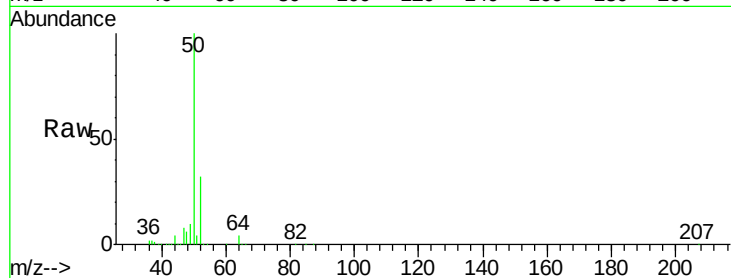
52 32.4 25.7 38.5

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#4

Vinyl Chloride

Concen: 51.00 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003120.D

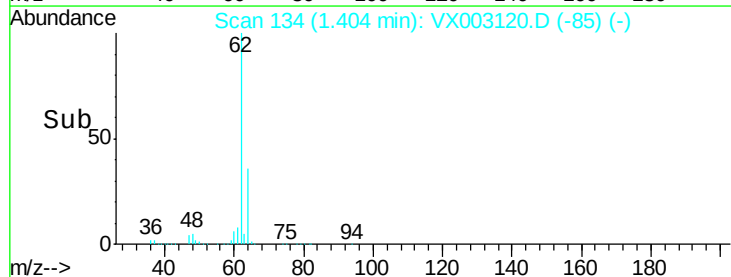
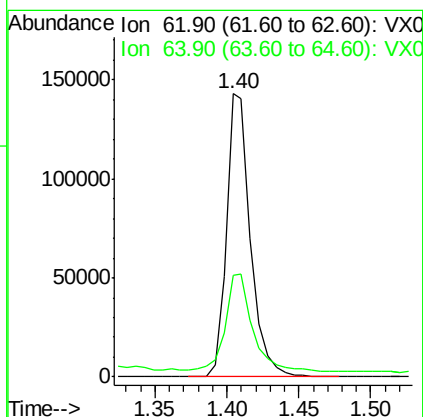
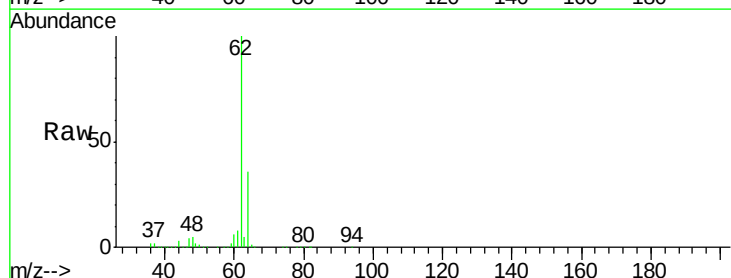
Acq: 02 Jul 2018 11:31

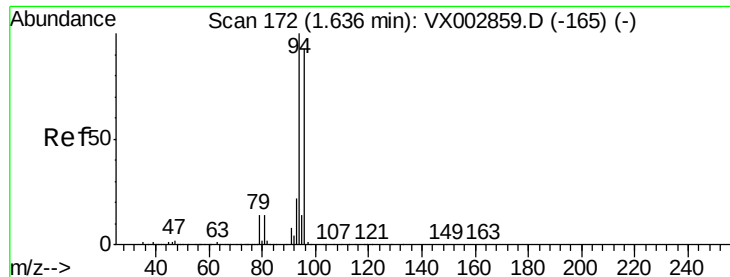
Tgt Ion: 62 Resp: 167603

Ion Ratio Lower Upper

62 100

64 34.0 25.4 38.2





#5

Bromomethane

Concen: 30.68 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 48675

Ion Ratio Lower Upper

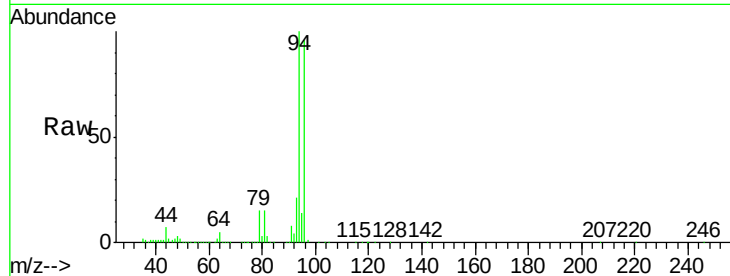
94 100

96 96.4 74.9 112.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

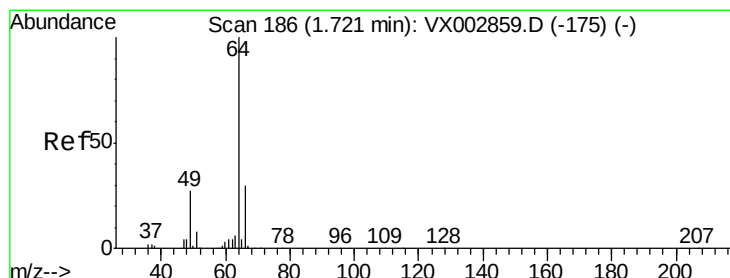
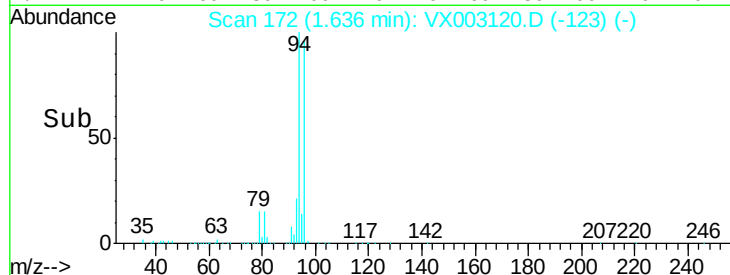
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 56.32 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003120.D

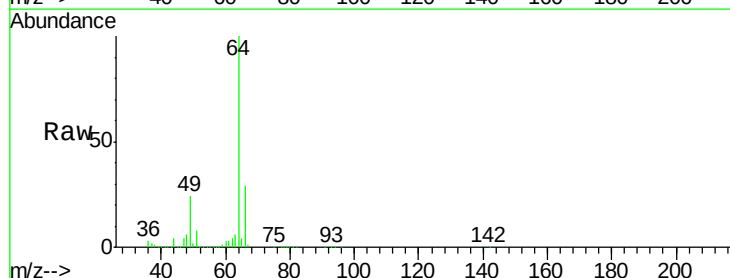
Acq: 02 Jul 2018 11:31

Tgt Ion: 64 Resp: 108065

Ion Ratio Lower Upper

64 100

66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

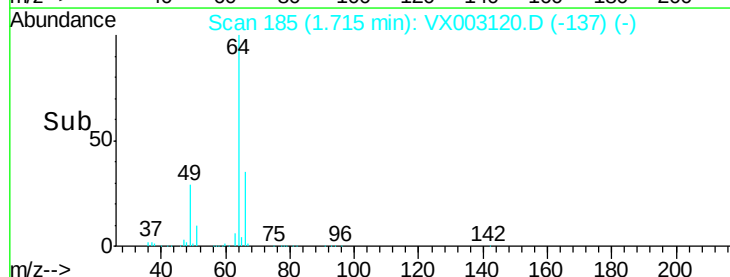
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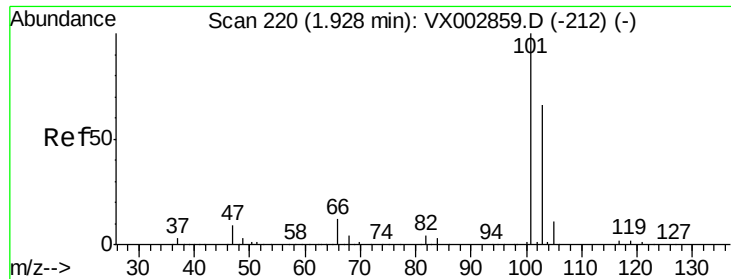
40000

20000

0

Time--> 1.65 1.70 1.75 1.80 1.85





#7

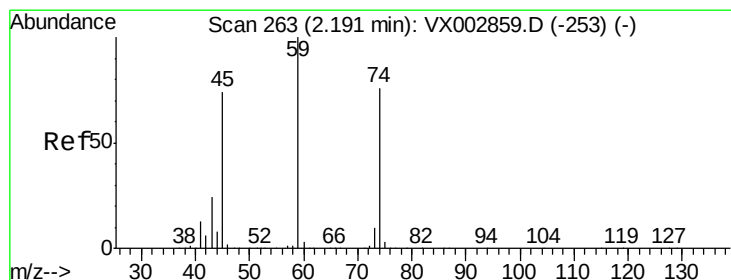
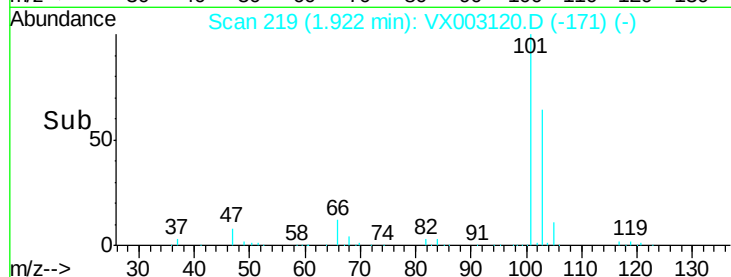
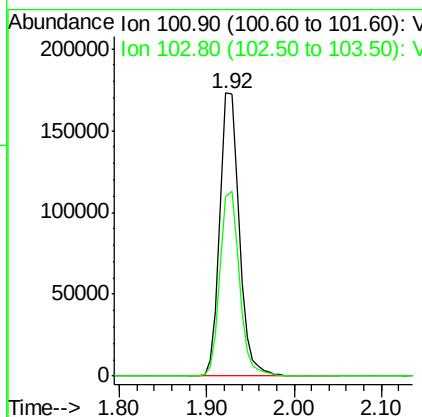
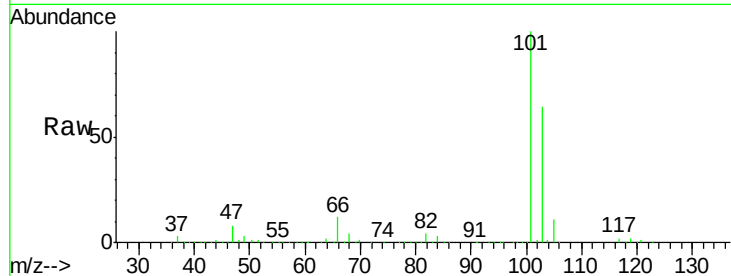
Trichlorofluoromethane
Concen: 47.86 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.8	79.2

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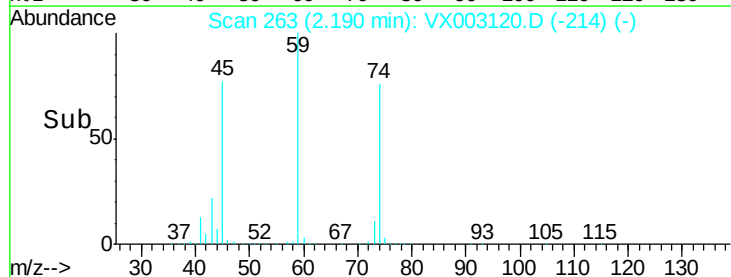
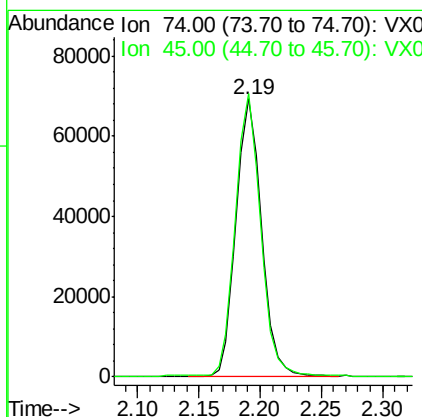
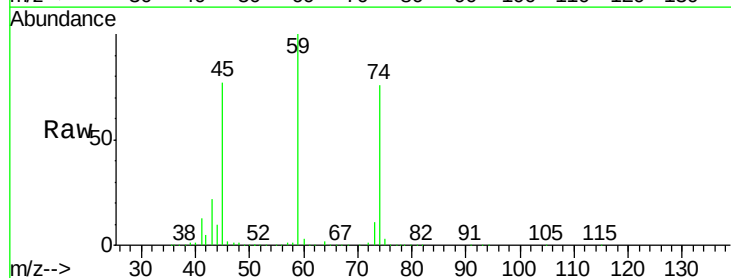
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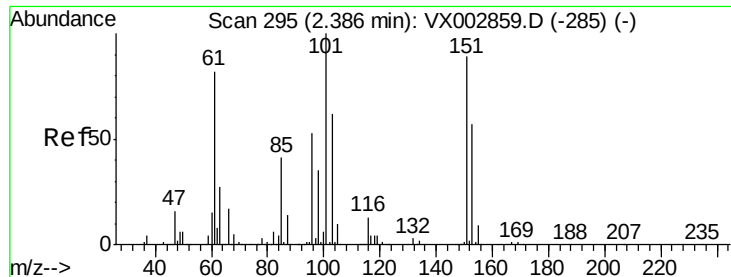


#8

Diethyl Ether
Concen: 49.87 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.39 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

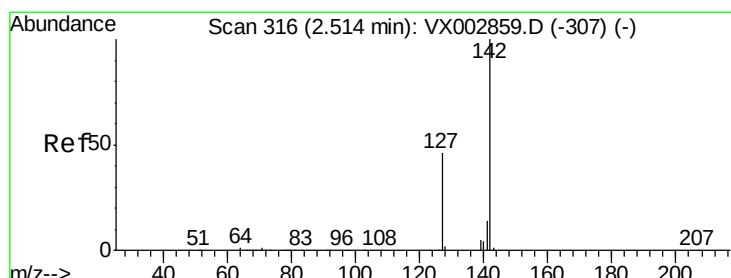
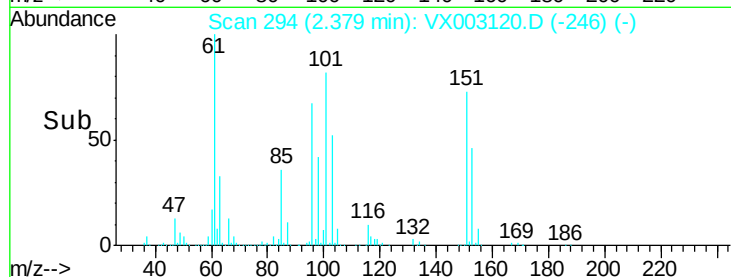
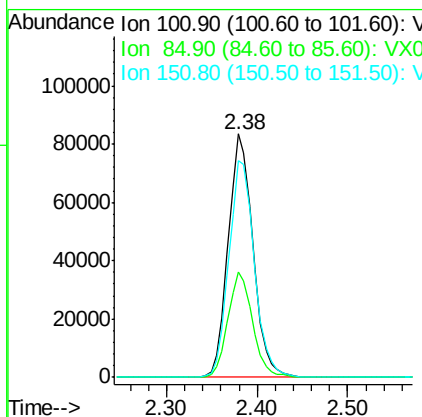
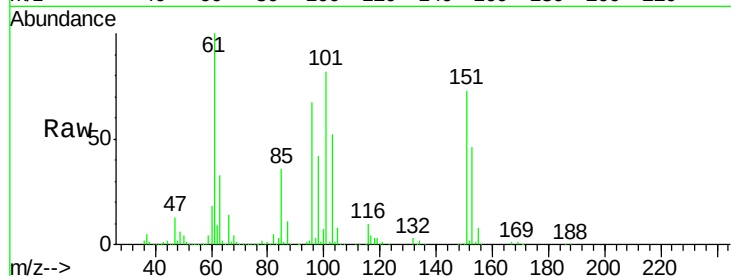
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	158642
Ion Ratio	Lower	Upper	
101	100		
85	43.0	36.0	54.0
151	91.7	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 42.15 ug/l

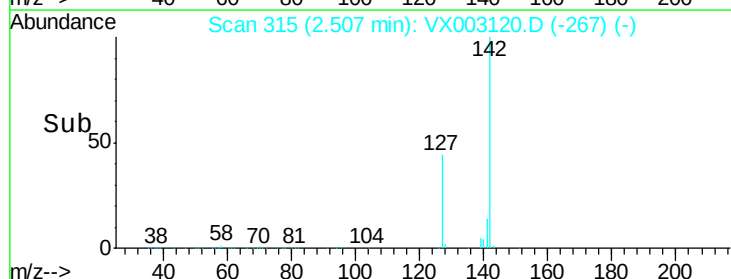
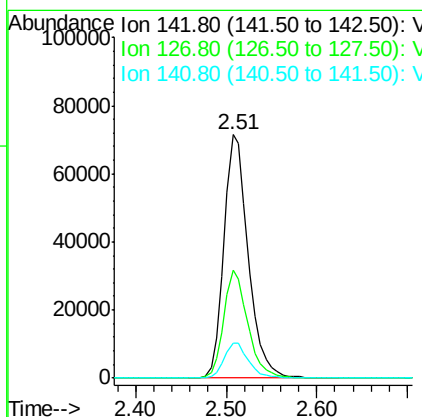
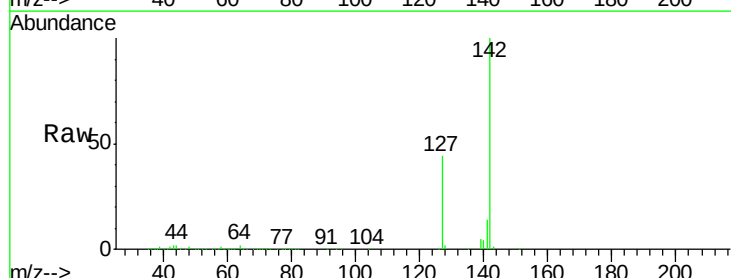
RT: 2.51 min Scan# 315

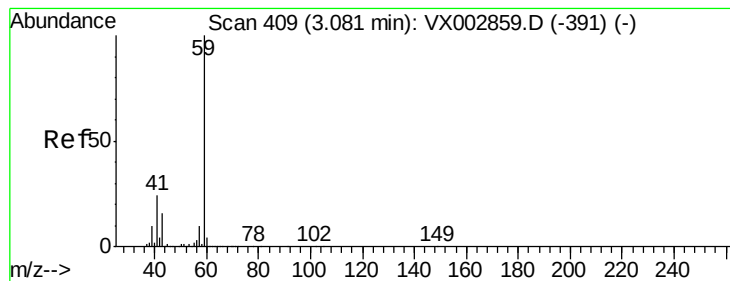
Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion:	142	Resp:	133671
Ion Ratio	Lower	Upper	
142	100		
127	43.8	36.6	55.0
141	14.4	11.3	16.9





#11

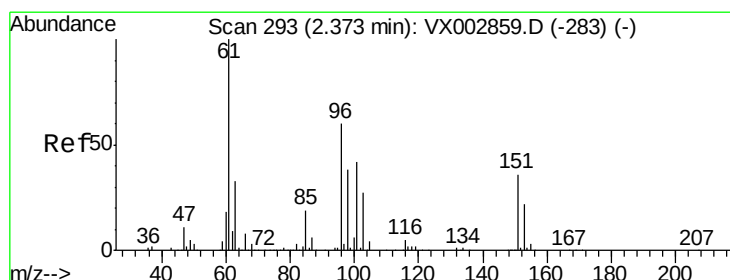
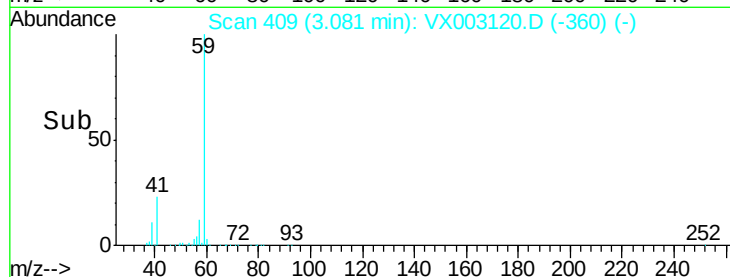
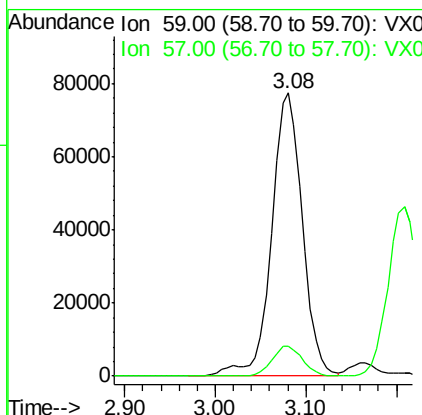
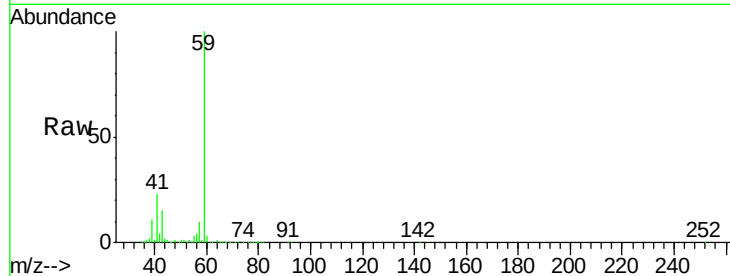
Tert butyl alcohol
 Concen: 227.42 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

Manual Integrations
 APPROVED

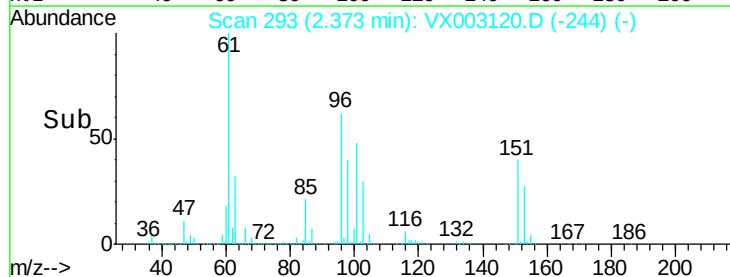
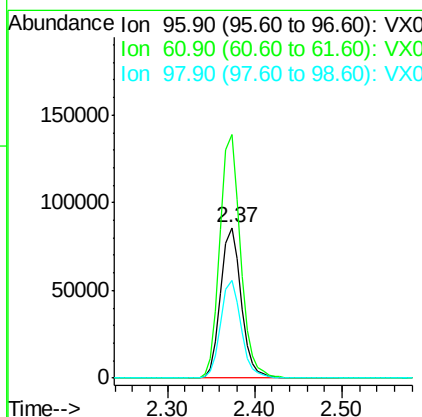
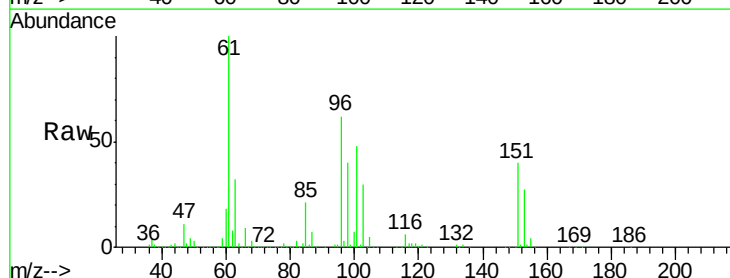
sam
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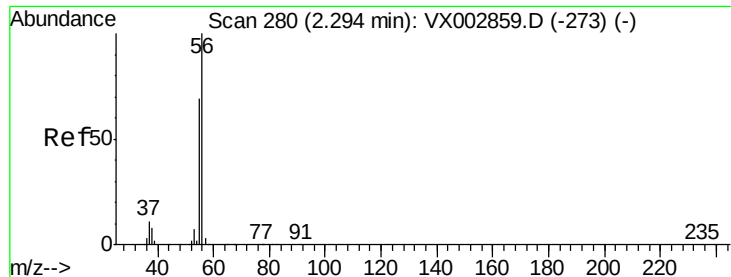


#12

1,1-Dichloroethene
 Concen: 49.05 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.5	137.9	206.9
98	64.6	51.6	77.4





#13

Acrolein

Concen: 195.03 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 86091

Ion Ratio Lower Upper

56 100

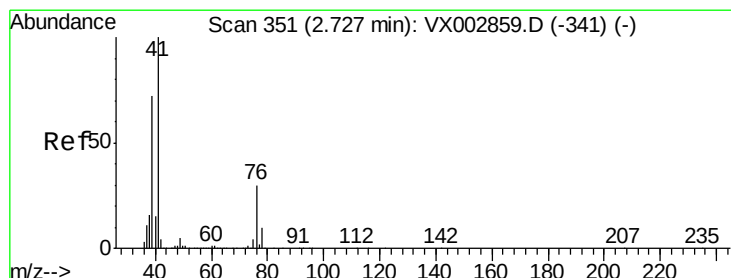
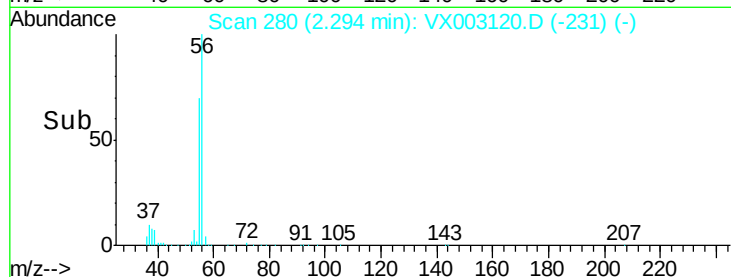
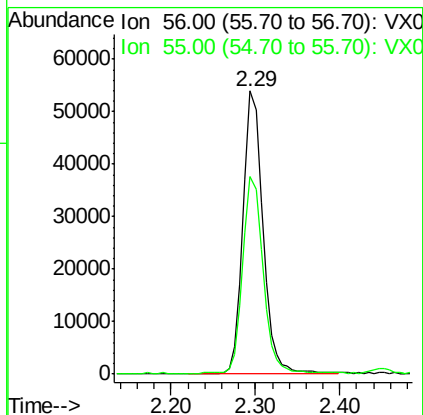
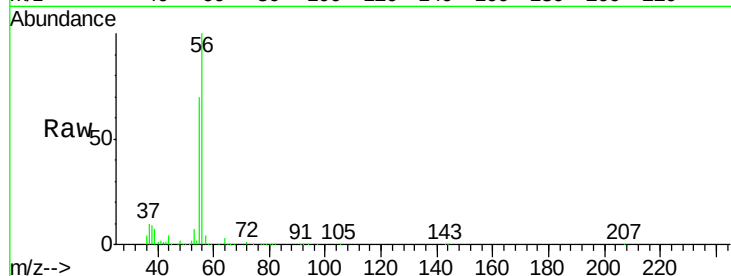
55 71.0 57.0 85.4

Manual Integrations

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sam

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#14

Allyl chloride

Concen: 49.06 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

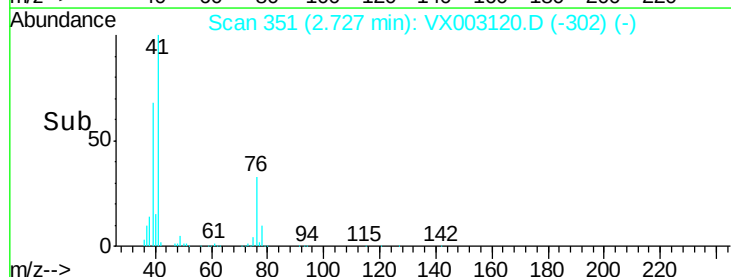
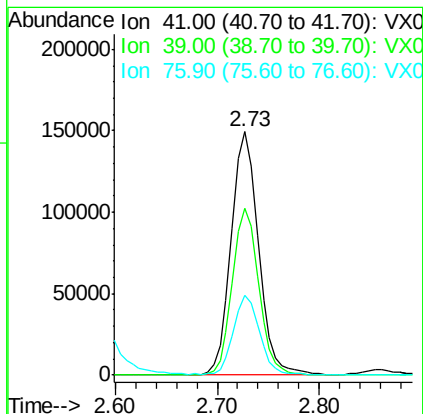
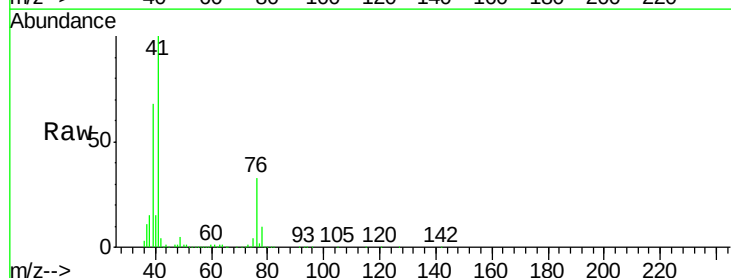
Tgt Ion: 41 Resp: 277169

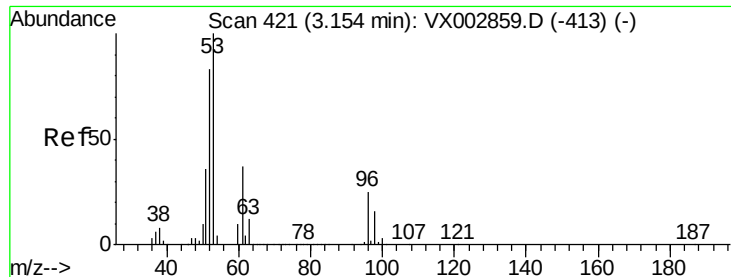
Ion Ratio Lower Upper

41 100

39 66.2 56.8 85.2

76 31.2 23.8 35.8





#15

Acrylonitrile

Concen: 241.92 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

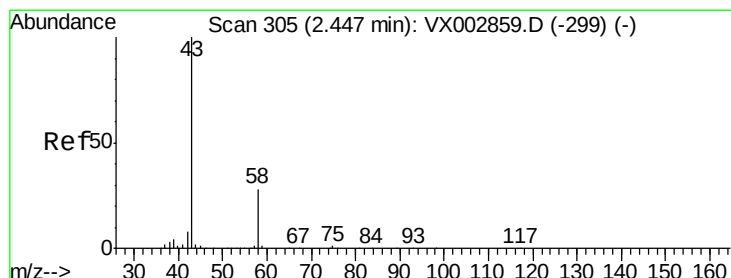
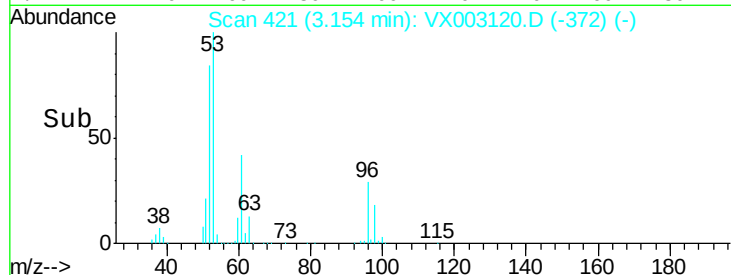
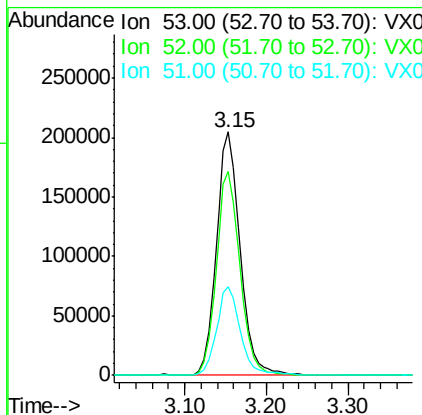
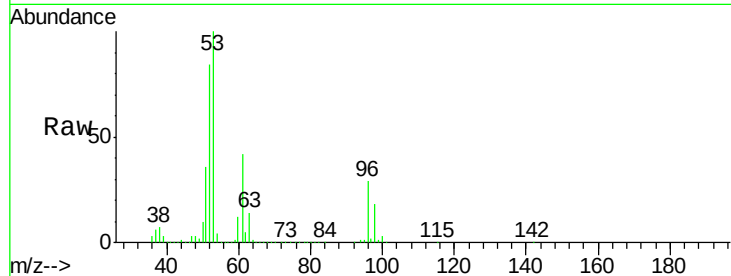
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	413441
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.7	100.1
51	36.9	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 329.87 ug/l

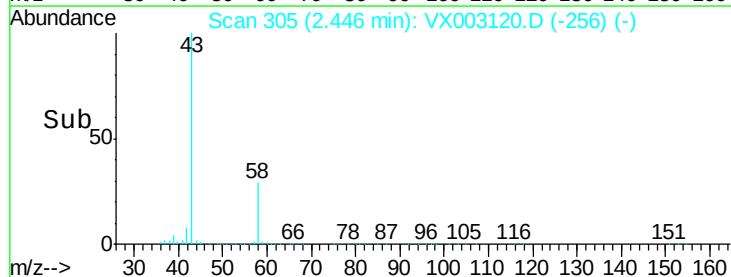
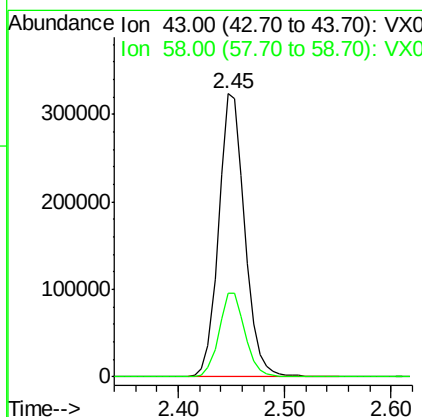
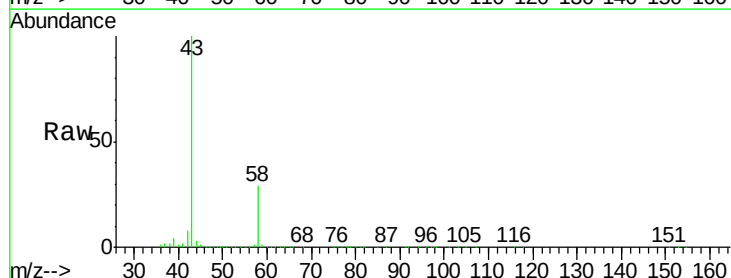
RT: 2.45 min Scan# 305

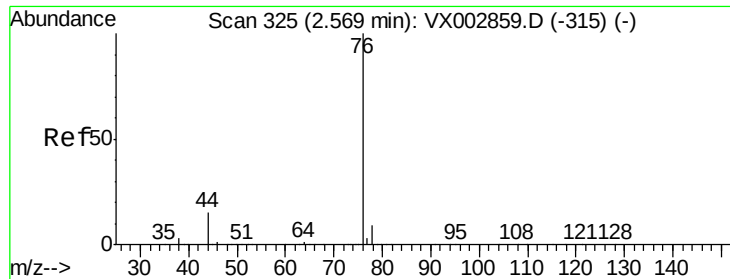
Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion:	43	Resp:	548675
Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.1	33.1





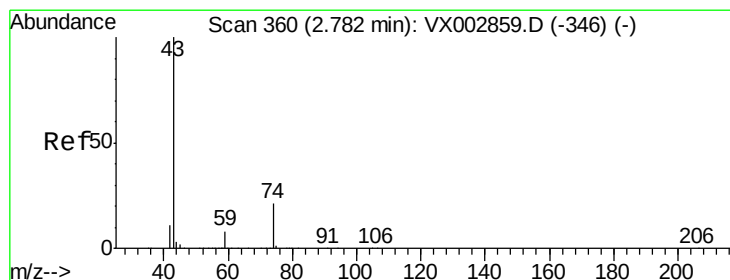
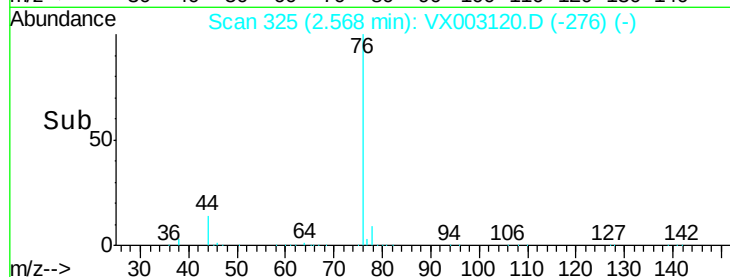
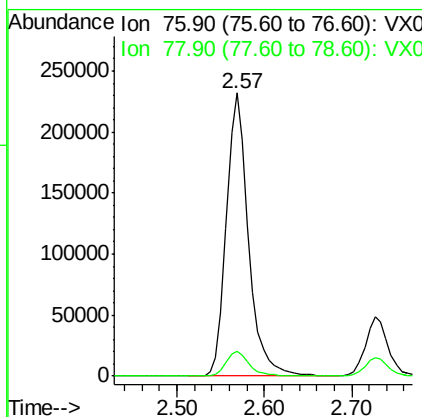
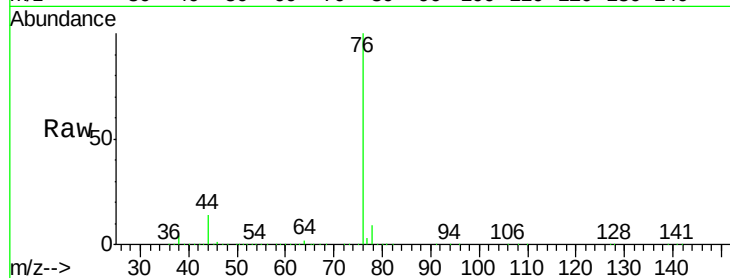
#17
Carbon Disulfide
Concen: 53.35 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.9	10.3

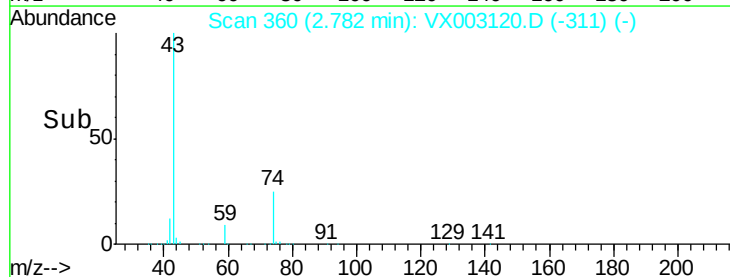
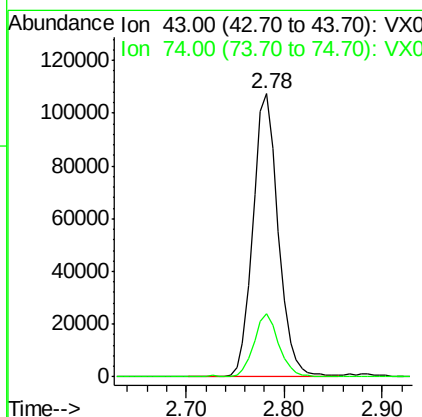
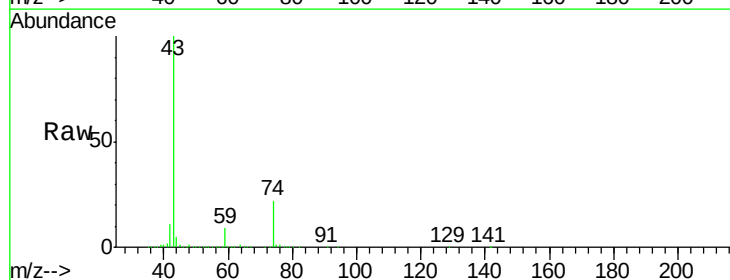
Manual Integrations
APPROVED

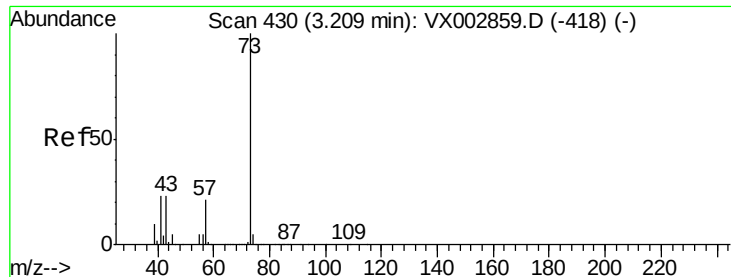
sam
7/3/2018 3:53:41 PM



#18
Methyl Acetate
Concen: 41.36 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	16.7	25.1





#19

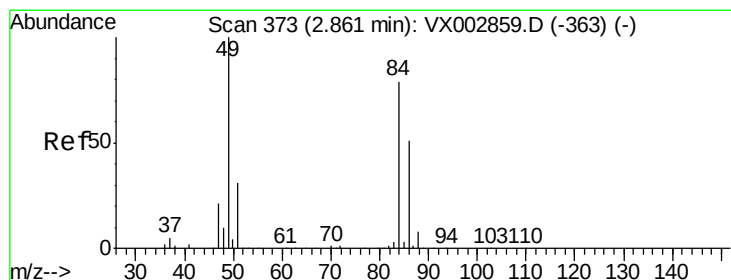
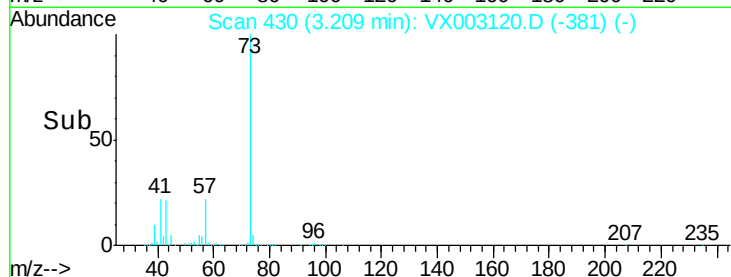
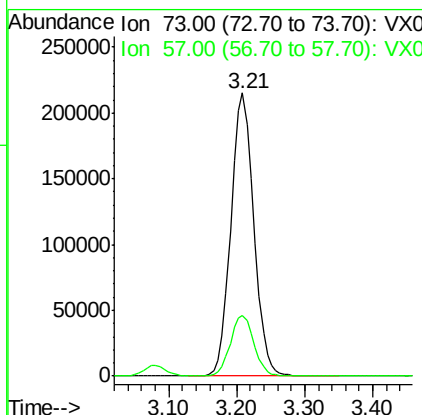
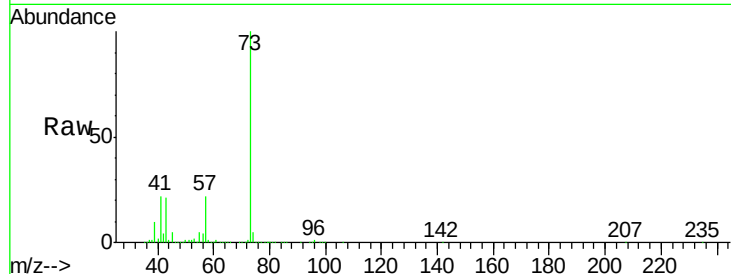
Methyl tert-butyl Ether
 Concen: 48.78 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.7	26.5

Manual Integrations
 APPROVED

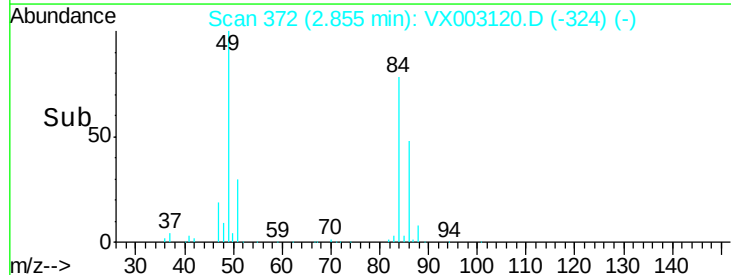
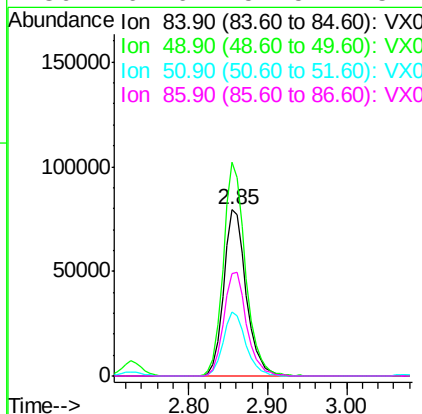
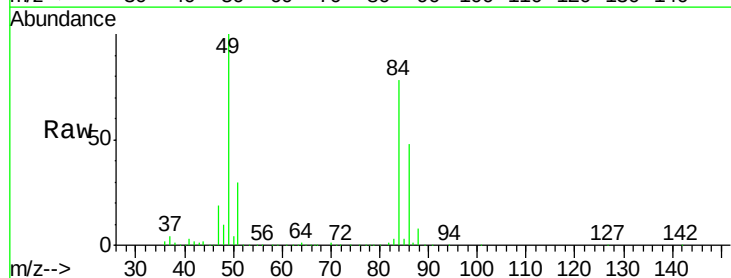
sam
 7/3/2018 3:53:41 PM

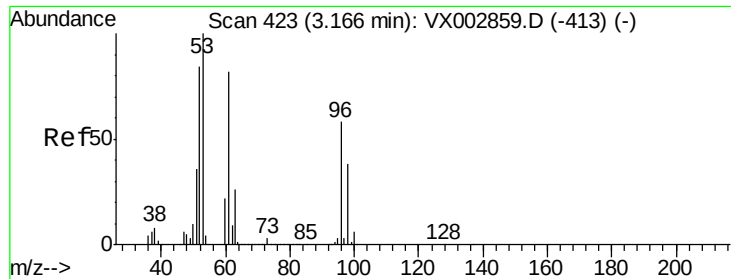


#20

Methylene Chloride
 Concen: 48.75 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.7	107.8	161.6
51	38.6	32.8	49.2
86	61.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 48.99 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

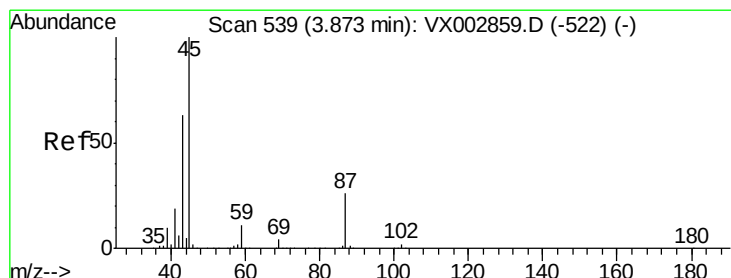
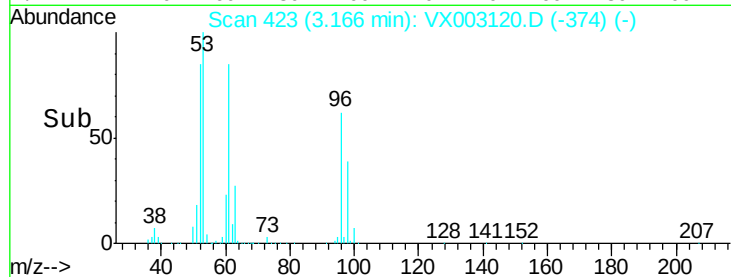
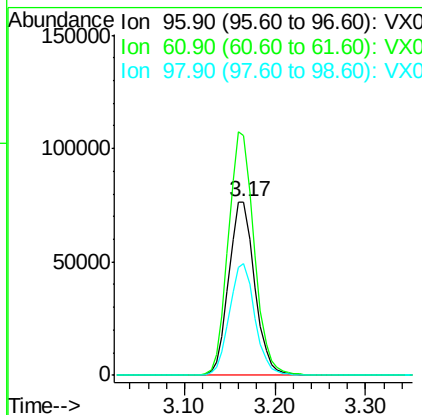
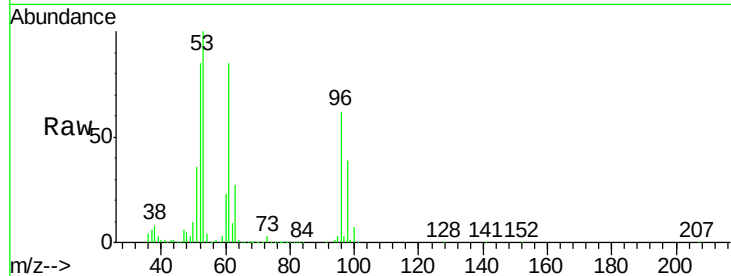
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	152905
Ion	Ratio	Lower	Upper
96	100		
61	138.2	117.0	175.4
98	64.0	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.39 ug/l

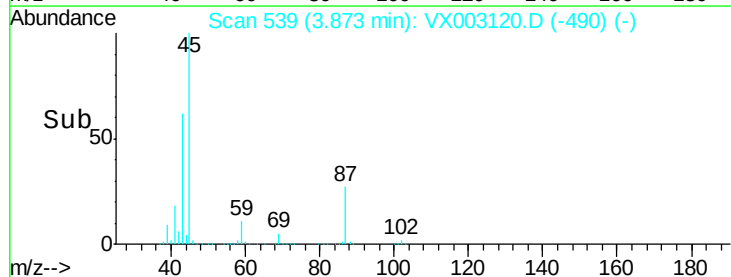
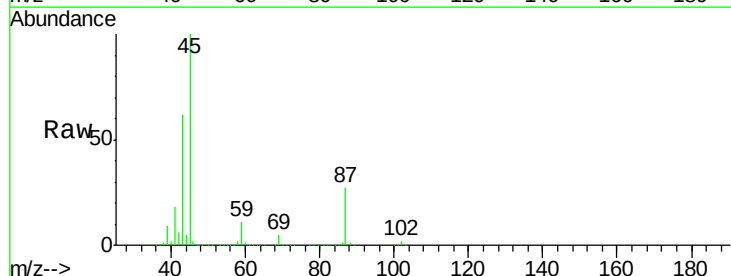
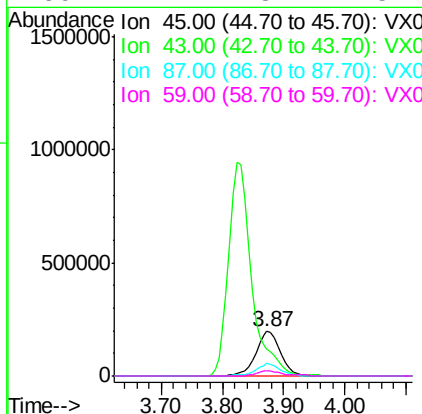
RT: 3.87 min Scan# 539

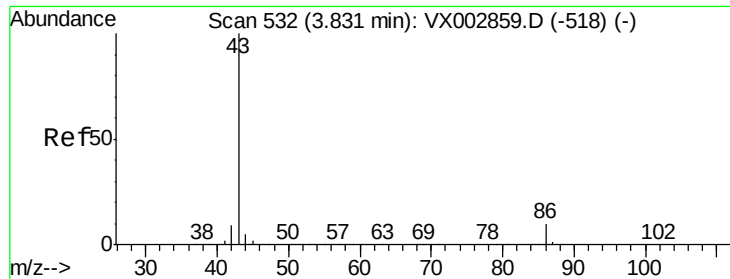
Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion:	45	Resp:	554973
Ion	Ratio	Lower	Upper
45	100		
43	61.8	46.8	70.2
87	27.4	20.2	30.4
59	11.4	8.7	13.1





#23

Vinyl Acetate

Concen: 269.26 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2461954

Ion Ratio Lower Upper

43 100

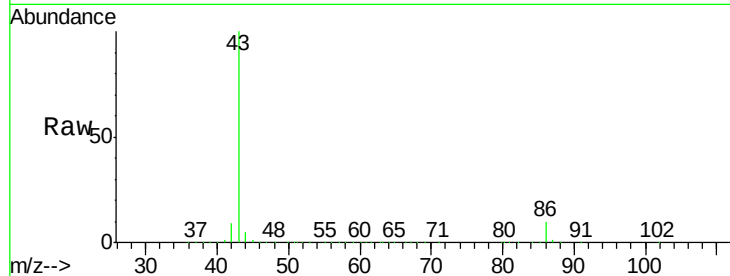
86 9.8 7.4 11.0

Manual Integrations

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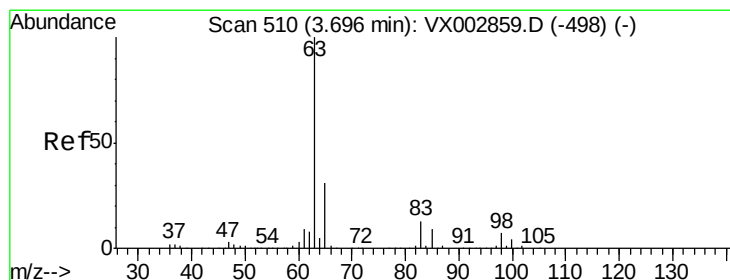
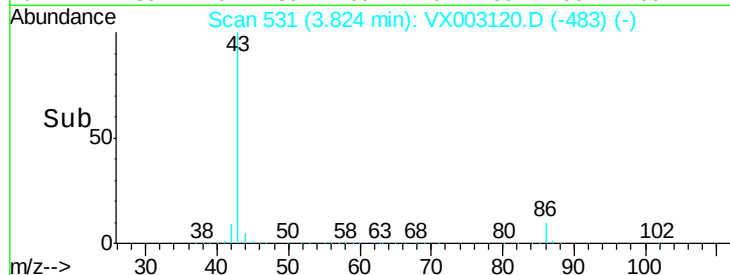
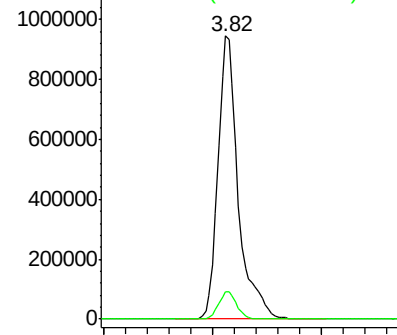
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.97 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

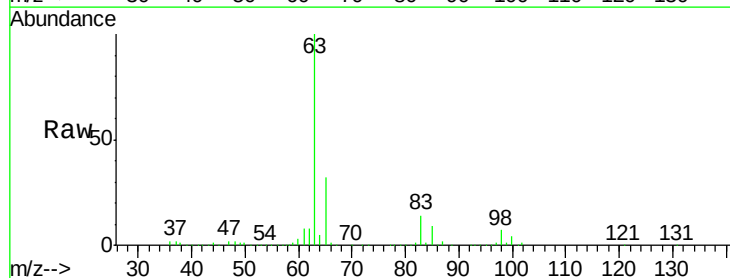
Tgt Ion: 63 Resp: 281524

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

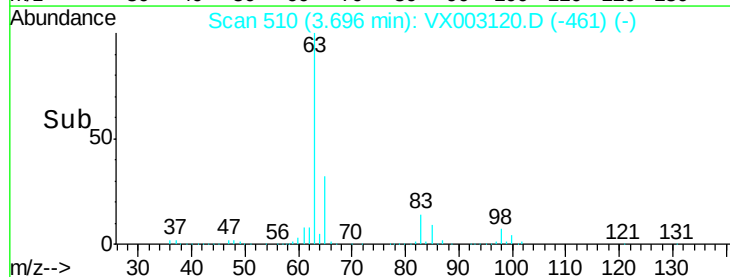
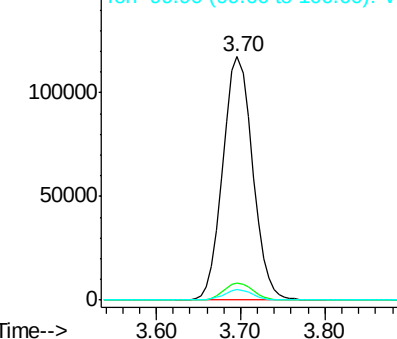
100 4.4 2.0 6.0

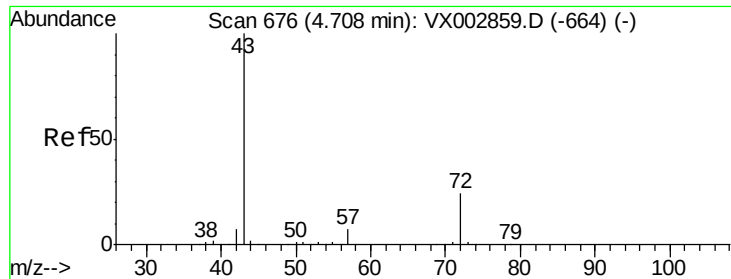


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 289.78 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 715325

Ion Ratio Lower Upper

43 100

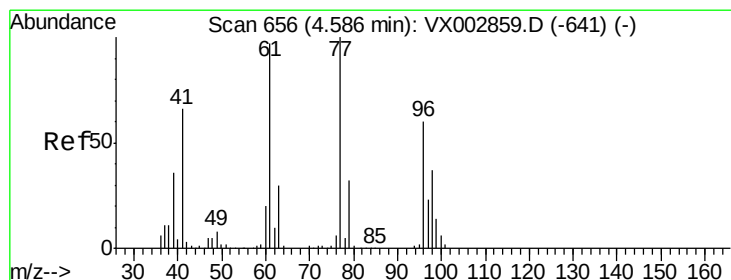
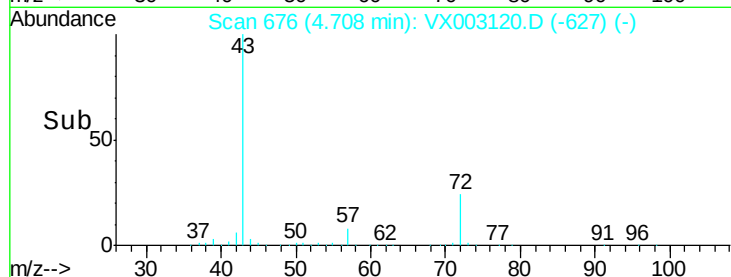
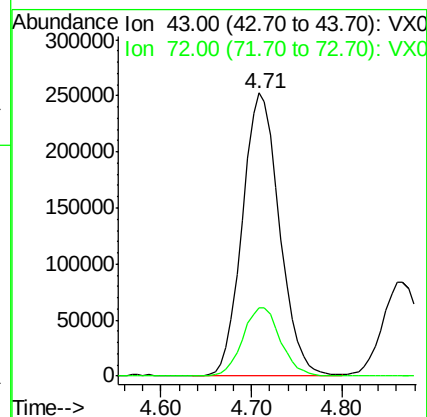
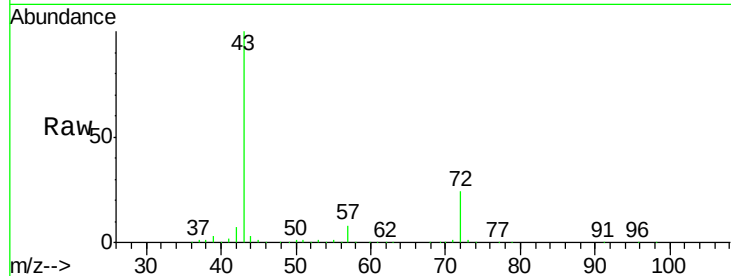
72 24.2 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.36 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003120.D

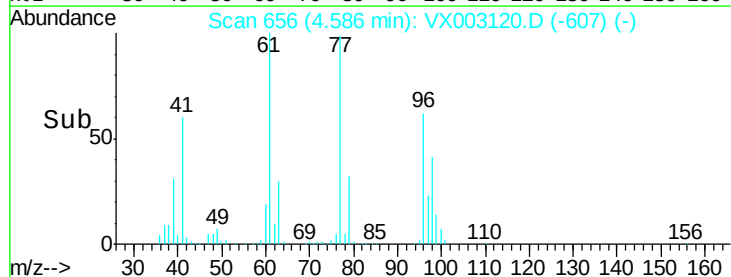
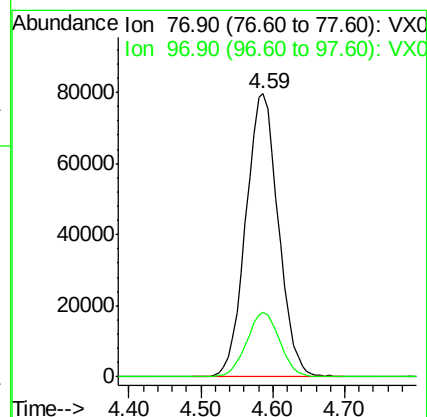
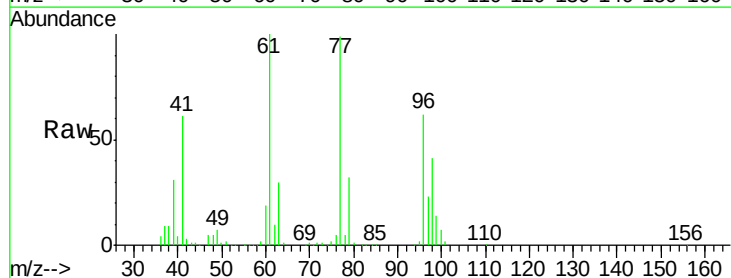
Acq: 02 Jul 2018 11:31

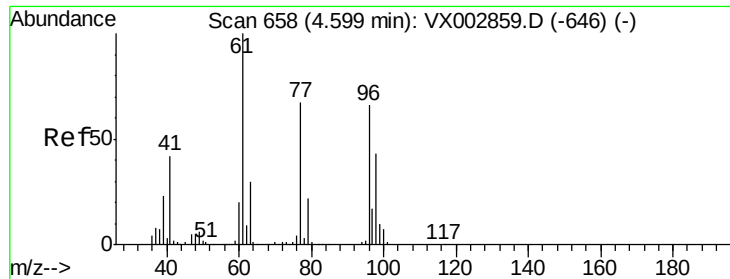
Tgt Ion: 77 Resp: 249880

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 51.80 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

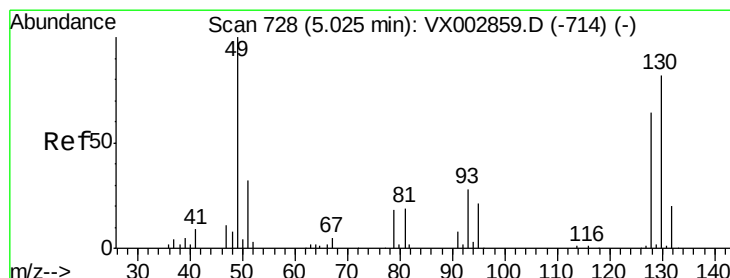
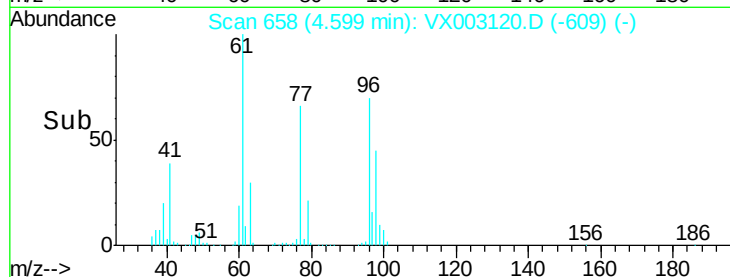
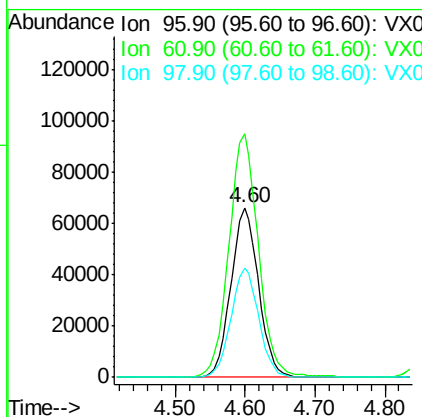
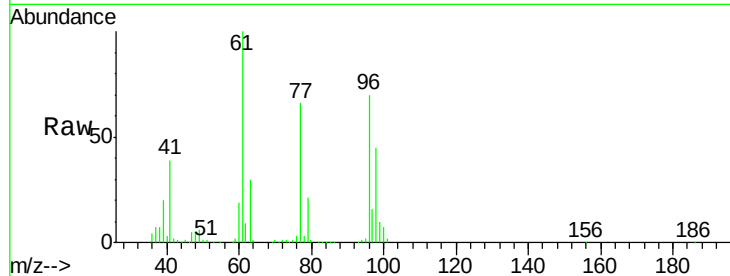
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	181299
Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	330.2
98	64.8	0.0	130.2

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sam
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#28

Bromochloromethane

Concen: 48.19 ug/l

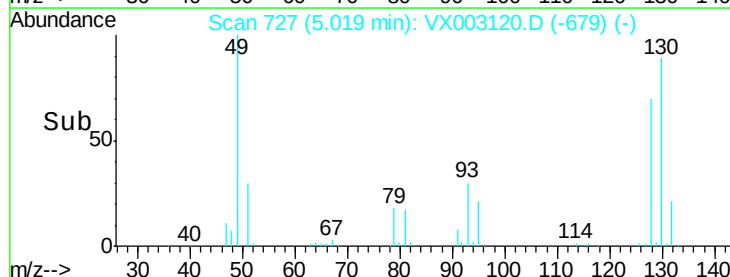
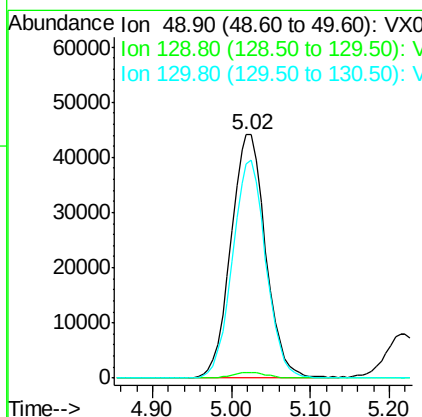
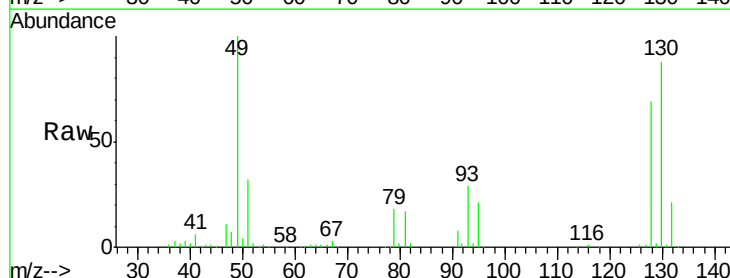
RT: 5.02 min Scan# 727

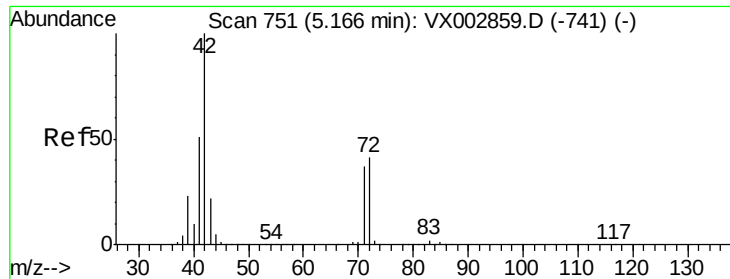
Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion:	49	Resp:	135388
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	86.0	61.2	91.8





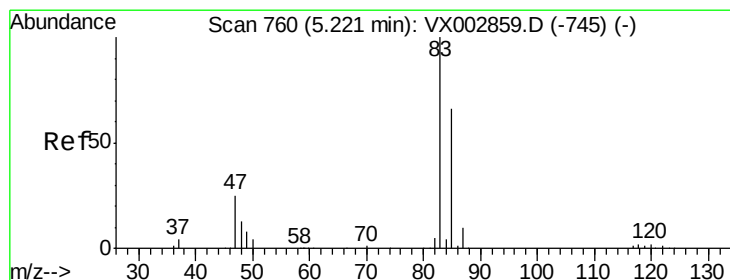
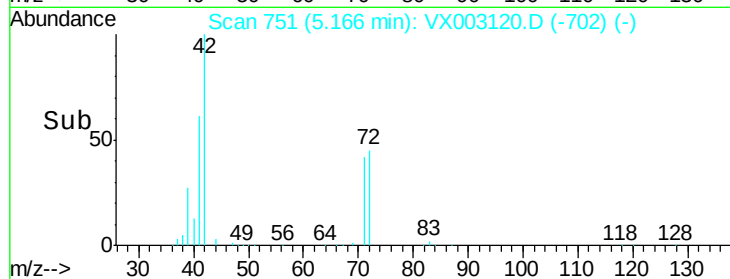
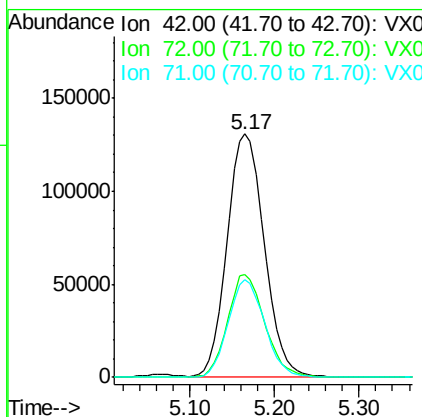
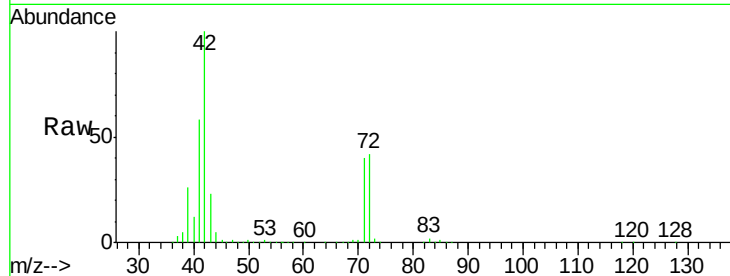
#29
Tetrahydrofuran
Concen: 246.83 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.0	48.0
71	39.6	30.1	45.1

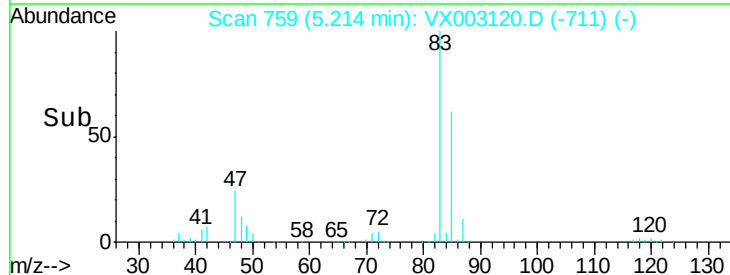
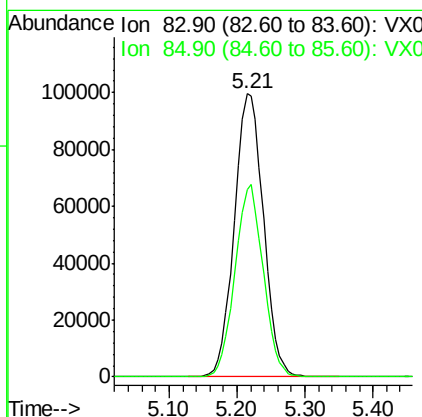
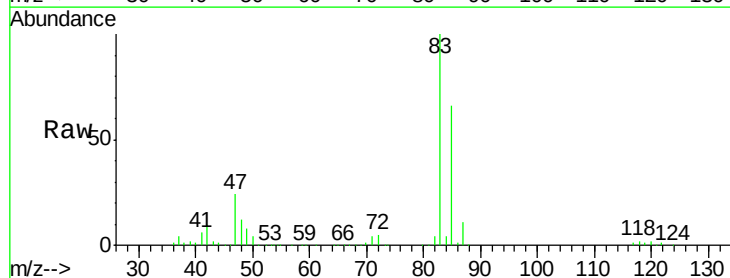
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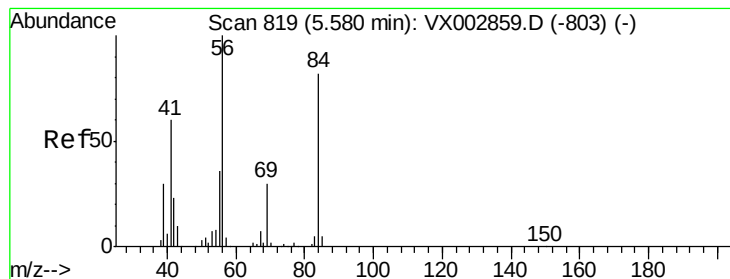
sam
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#30
Chloroform
Concen: 49.28 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.4	75.6





#31

Cyclohexane

Concen: 51.42 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

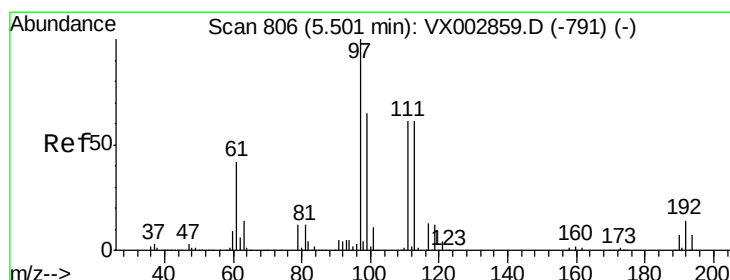
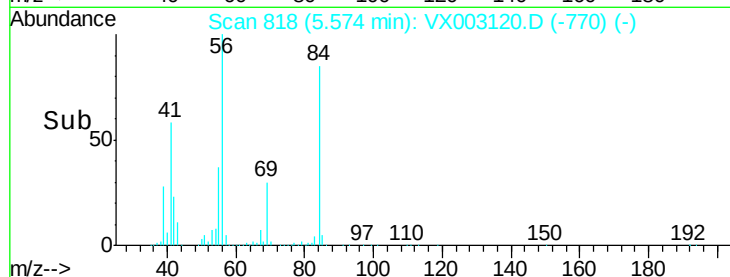
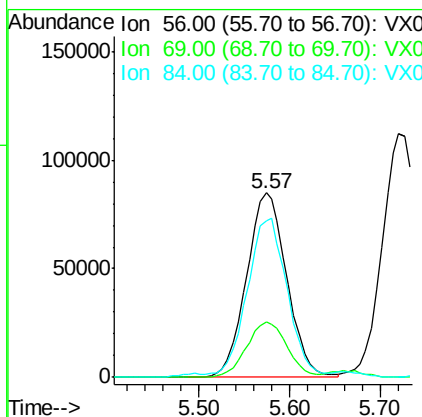
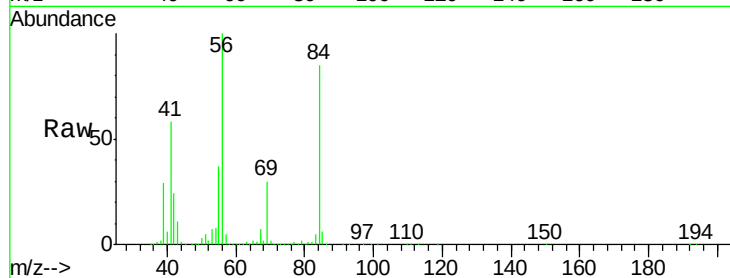
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	259020
Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.7	35.5
84	83.8	64.1	96.1

Manual Integrations
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sam
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#32

1,1,1-Trichloroethane

Concen: 50.47 ug/l

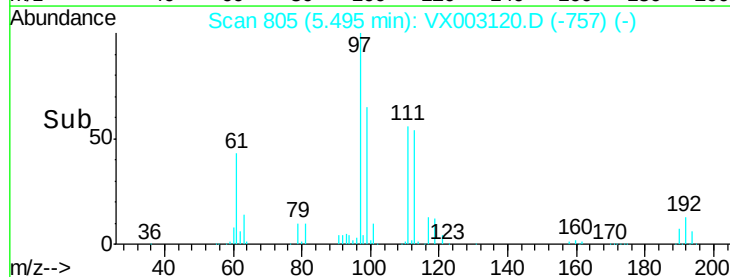
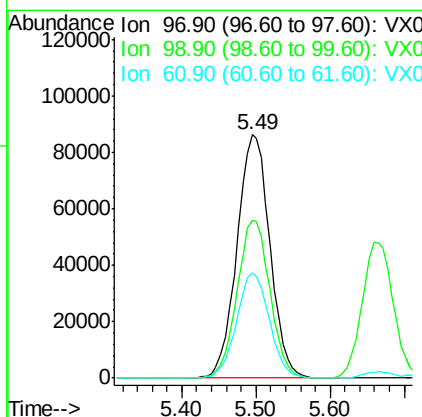
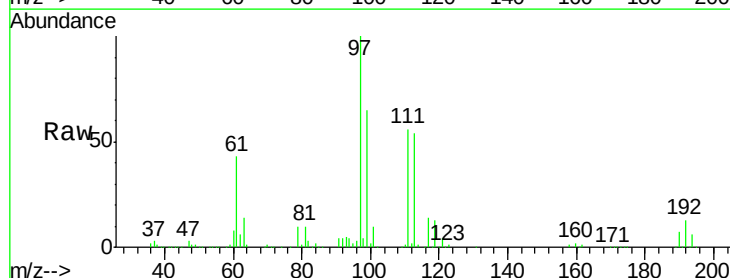
RT: 5.49 min Scan# 805

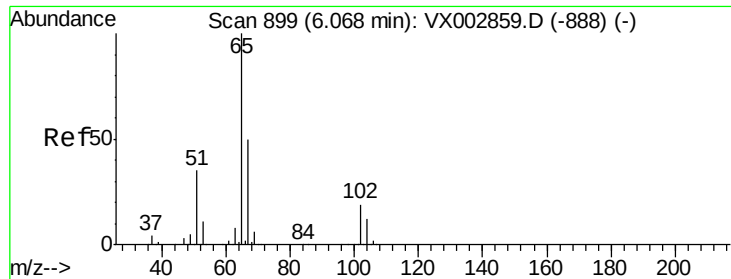
Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion:	97	Resp:	267486
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	43.3	36.4	54.6





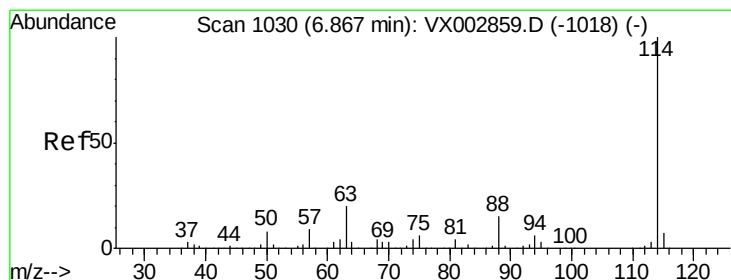
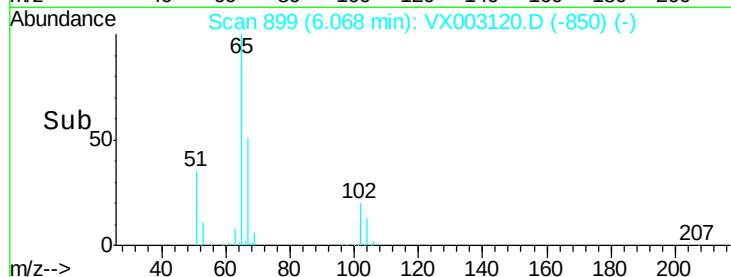
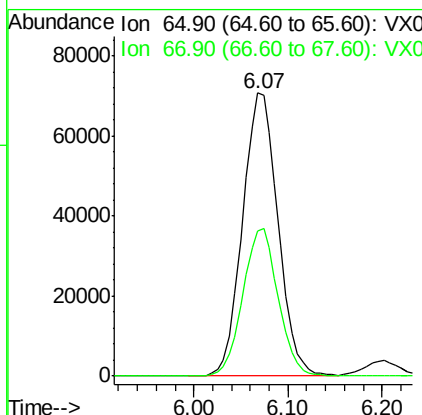
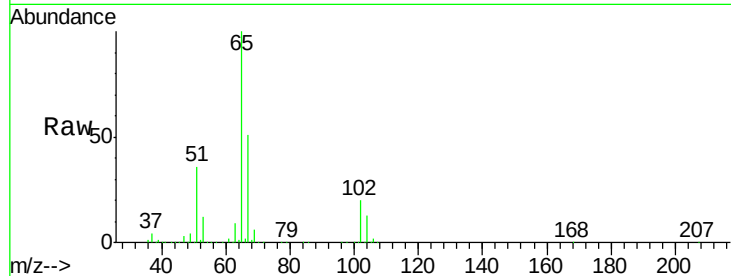
#33
 1,2-Dichloroethane-d4
 Concen: 46.41 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	186400		
67	52.1	0.0	102.6	

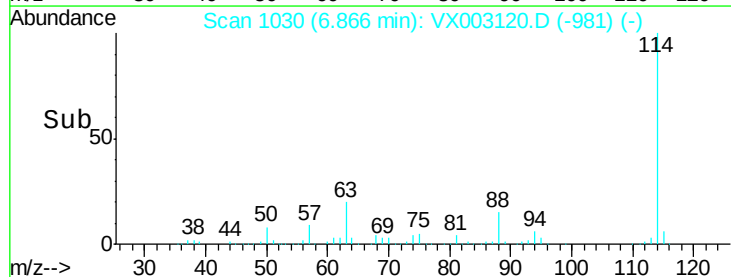
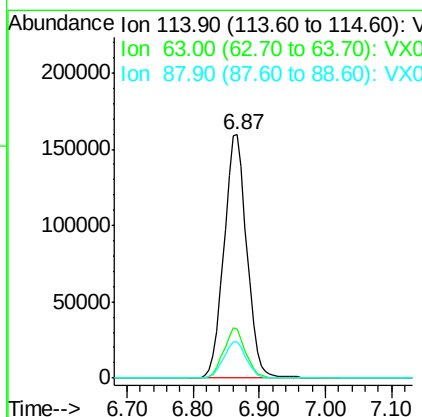
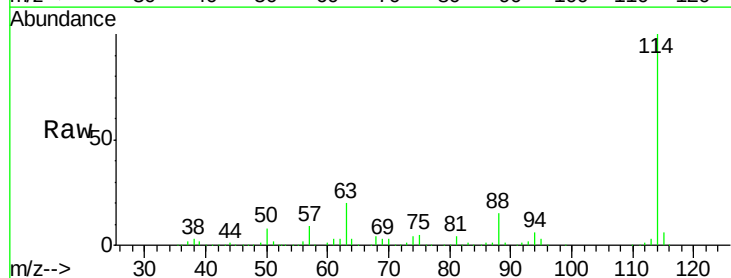
Manual Integrations
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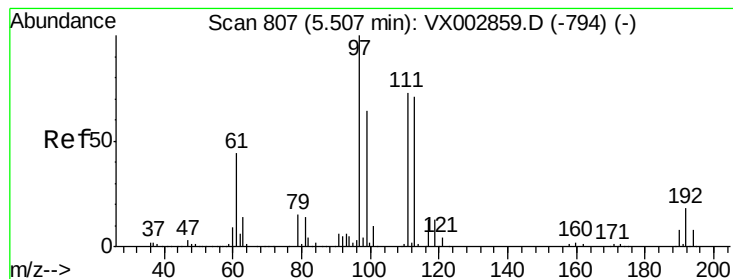
sam
 7/3/2018 3:53:41 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	381299		
63	20.3	0.0	41.4	
88	15.0	0.0	30.0	





#35

Dibromofluoromethane

Concen: 51.22 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

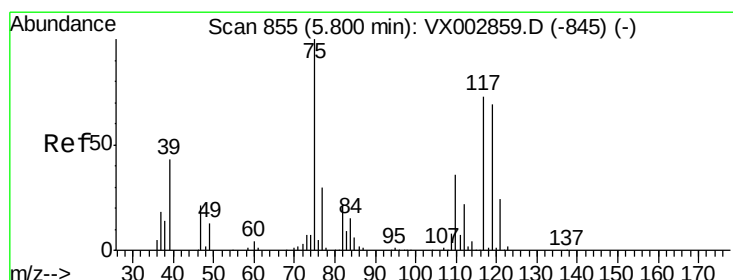
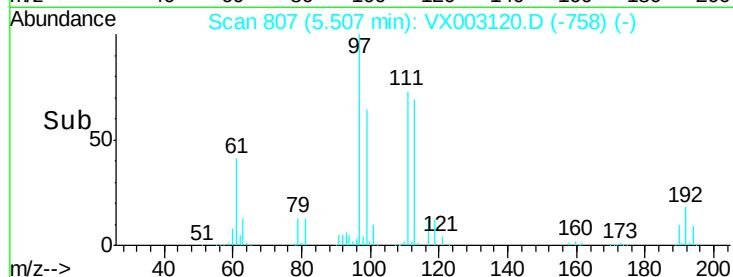
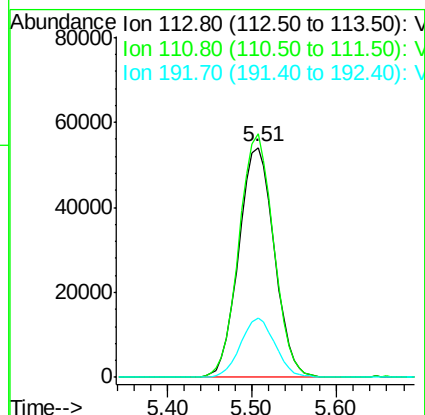
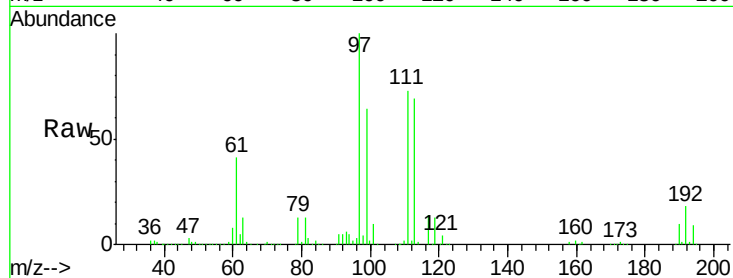
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	154668
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.4	122.0
192	25.0	19.1	28.7

Manual Integrations
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sam
7/3/2018 3:53:41 PM



#36

1,1-Dichloropropene

Concen: 53.63 ug/l

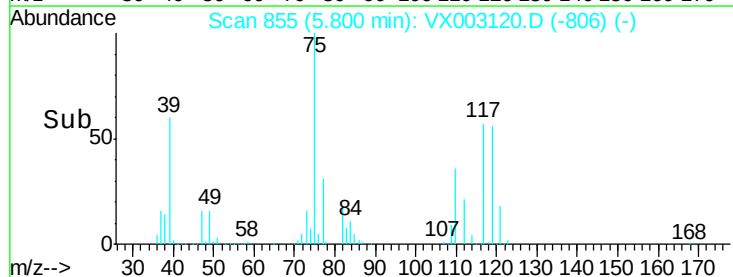
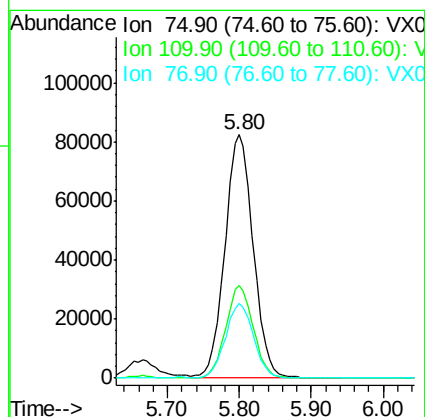
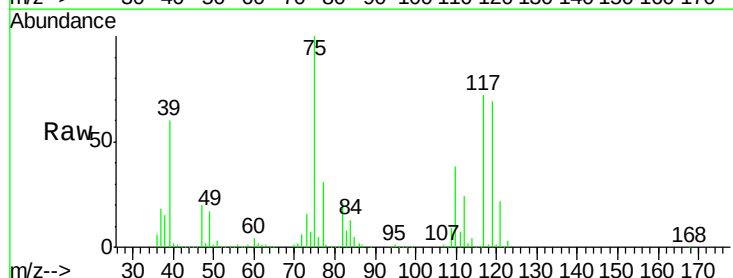
RT: 5.80 min Scan# 855

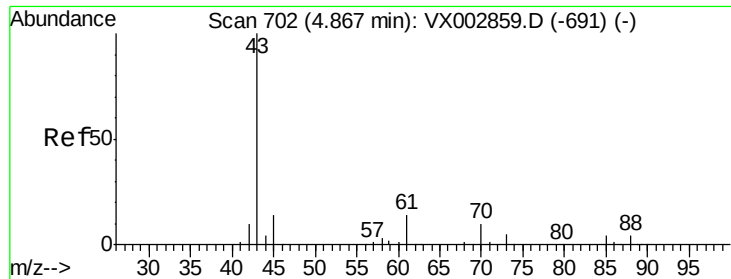
Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion:	75	Resp:	224265
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.4
77	30.5	24.3	36.5





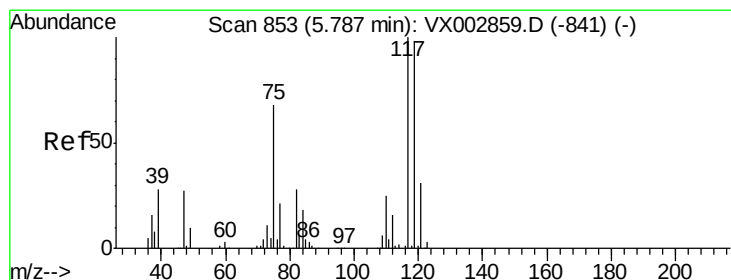
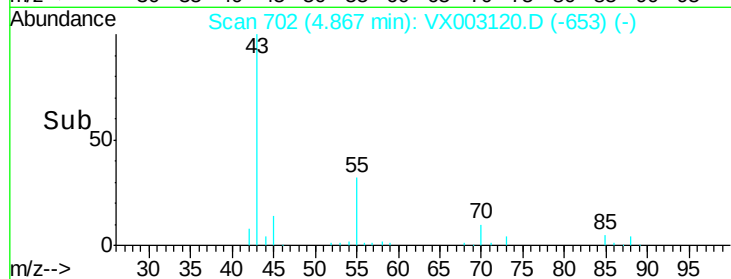
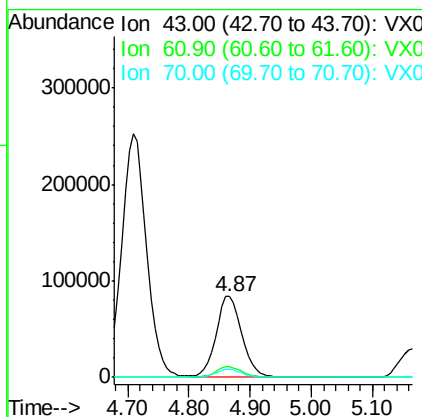
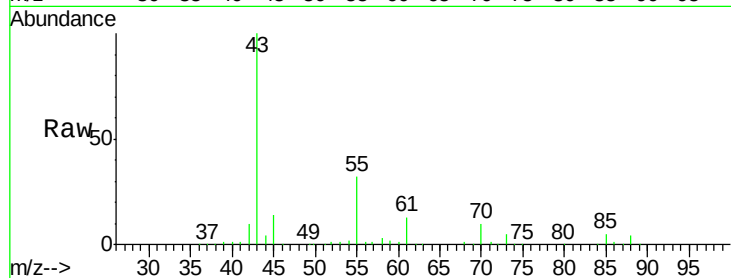
#37
Ethyl Acetate
Concen: 55.02 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	10.1	7.6	11.4

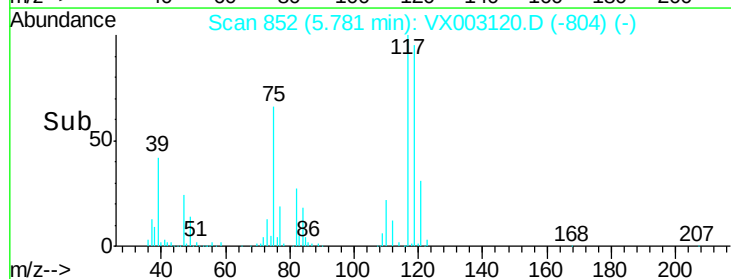
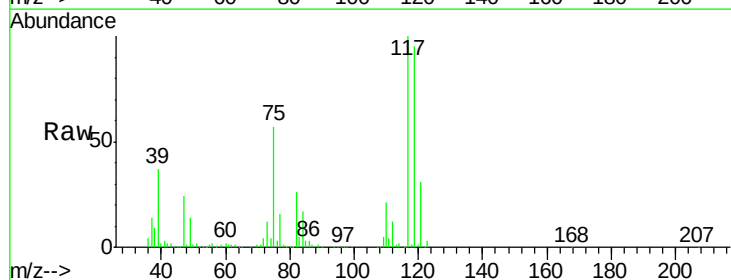
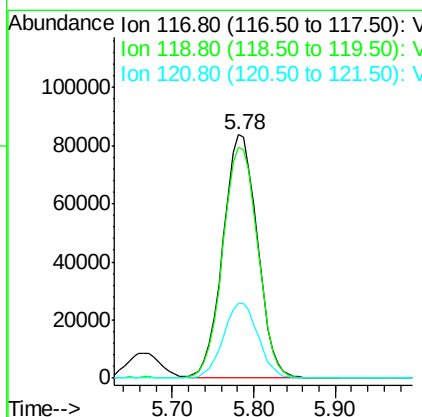
Manual Integrations
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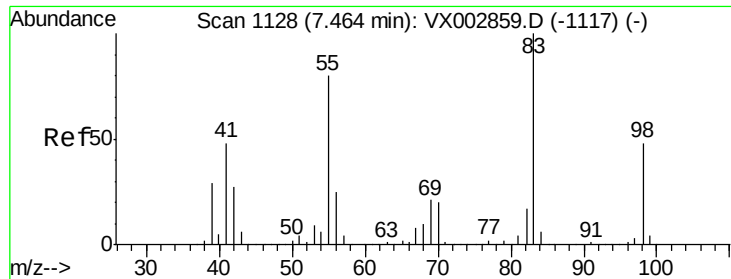
sam
7/3/2018 3:53:41 PM



#38
Carbon Tetrachloride
Concen: 53.38 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
121	30.7	24.4	36.6





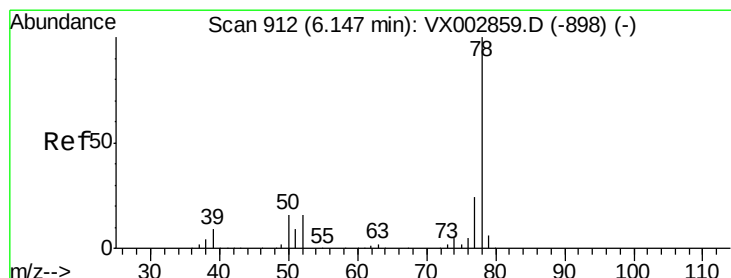
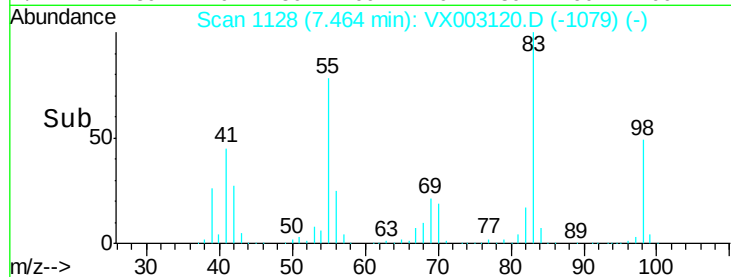
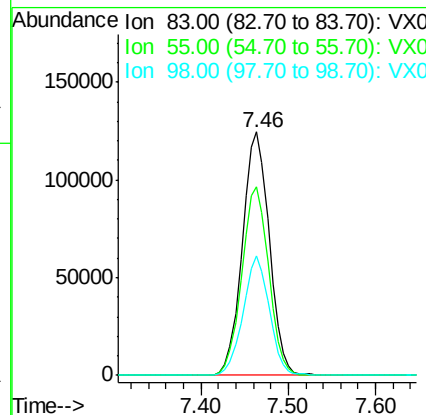
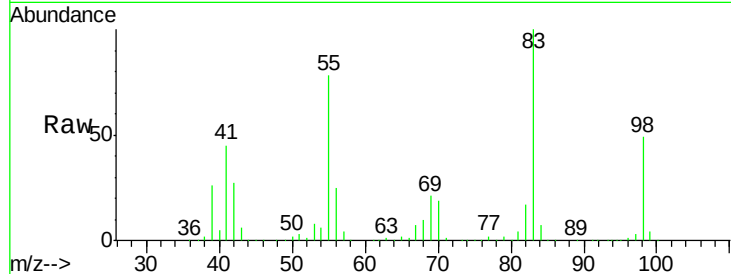
#39
Methylvlcyclohexane
Concen: 54.73 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	65.4	98.0
98	48.9	37.4	56.0

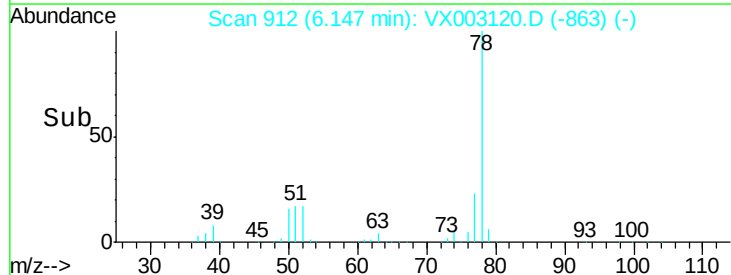
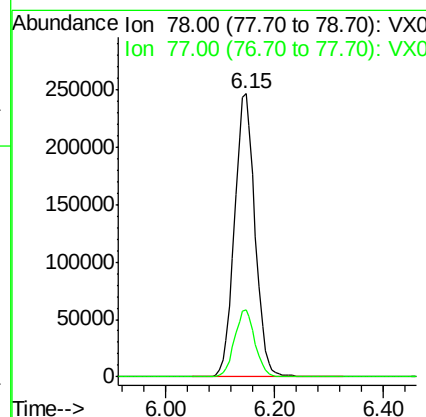
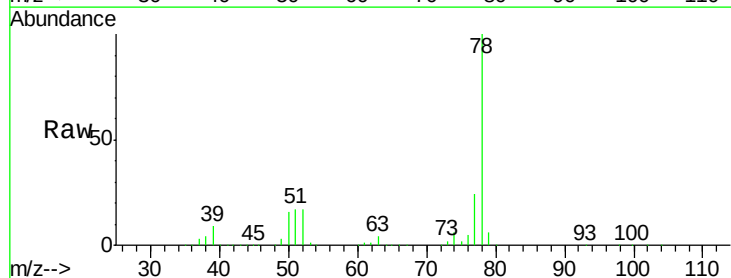
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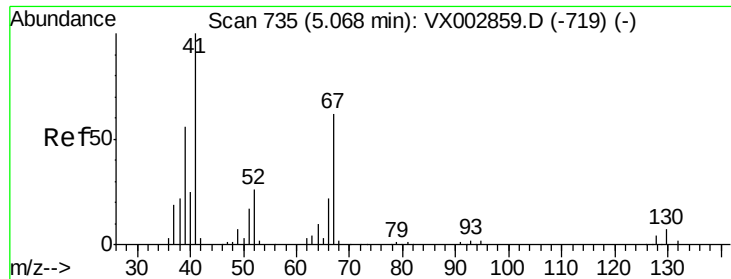
sam
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#40
Benzene
Concen: 53.44 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





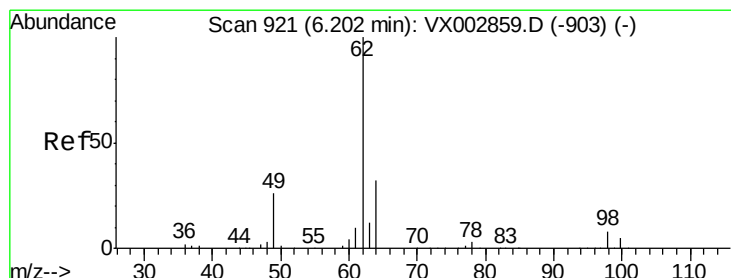
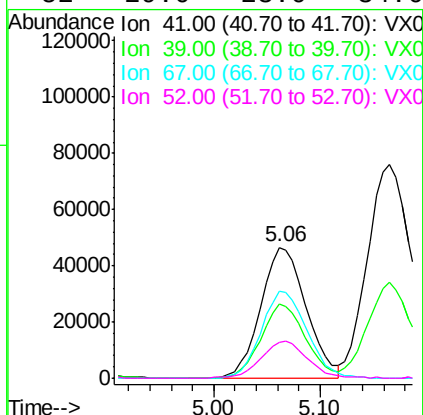
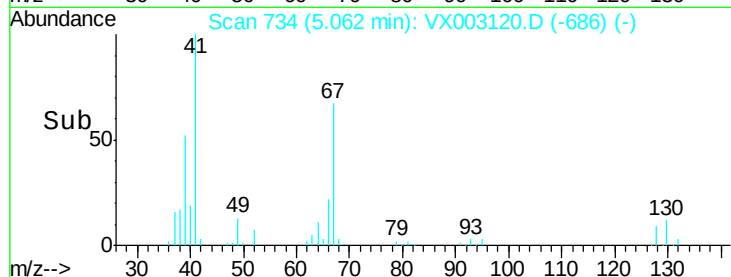
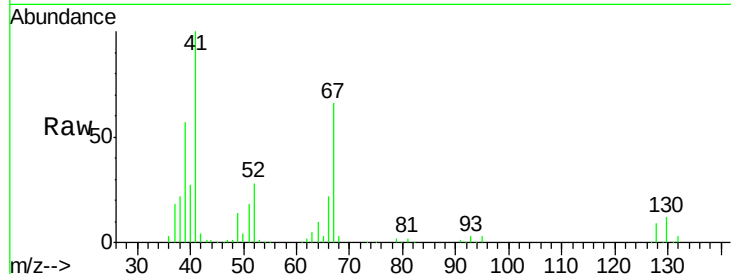
#41
Methacrylonitrile
Concen: 53.08 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.8	68.6
67	67.2	51.3	76.9
52	29.0	23.0	34.6

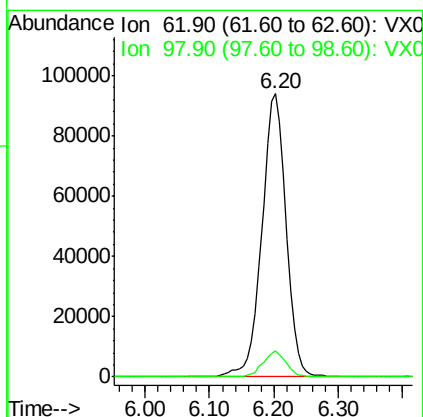
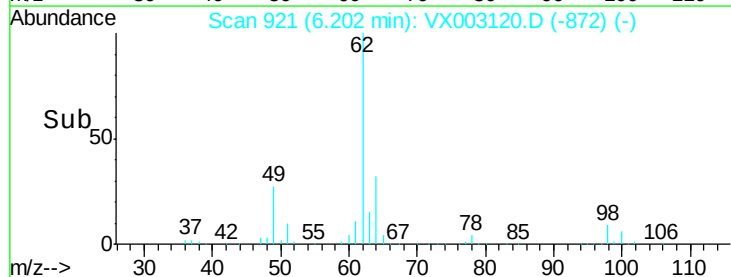
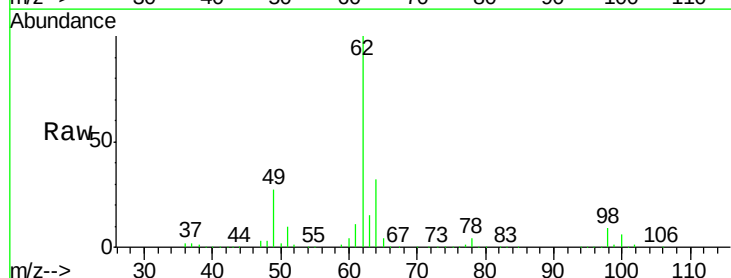
Manual Integrations
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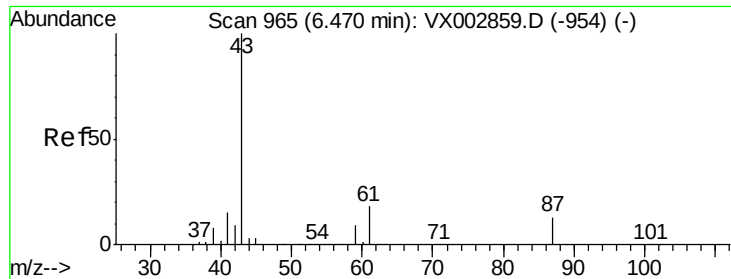
sam
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#42
1,2-Dichloroethane
Concen: 49.71 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 52.08 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

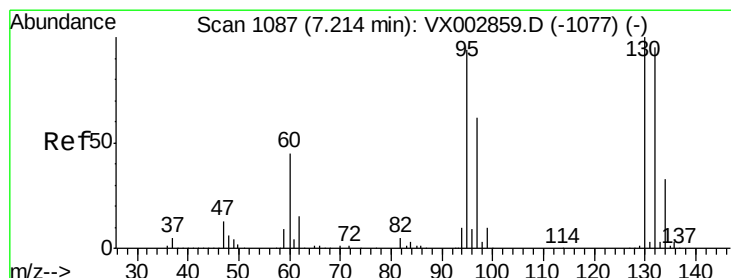
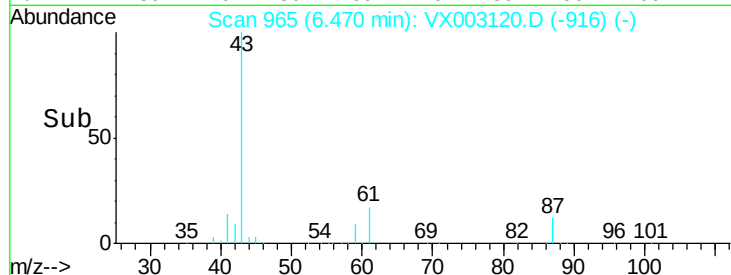
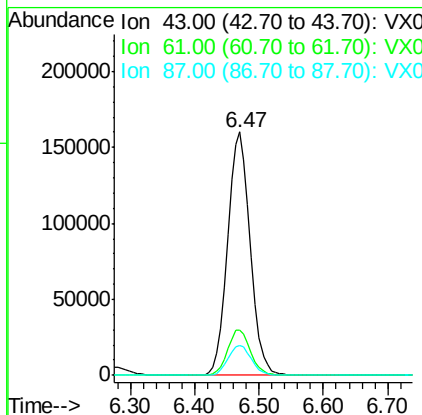
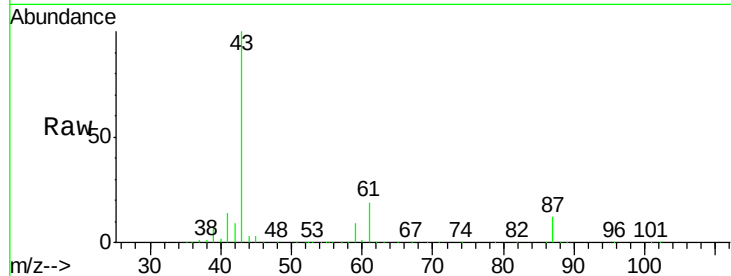
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	393273
Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.4	21.6
87	12.9	9.5	14.3

Manual Integrations
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7/3/2018 3:53:41 PM



#44

Trichloroethene

Concen: 53.37 ug/l

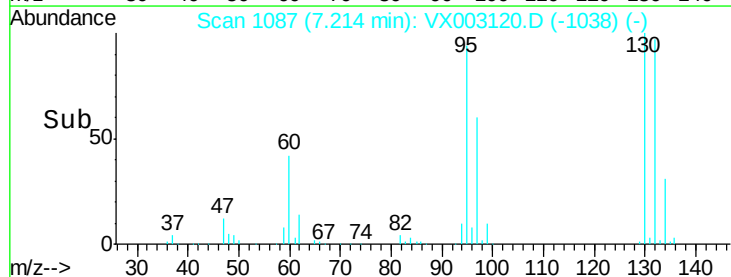
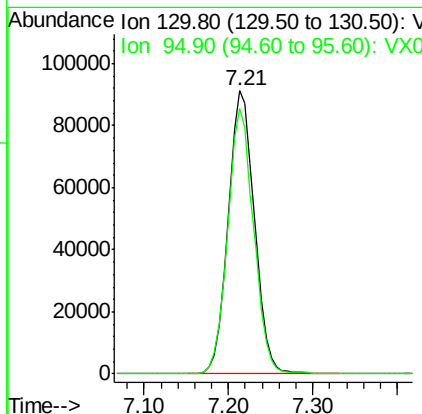
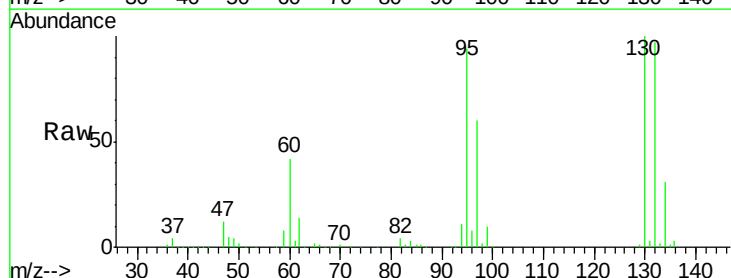
RT: 7.21 min Scan# 1087

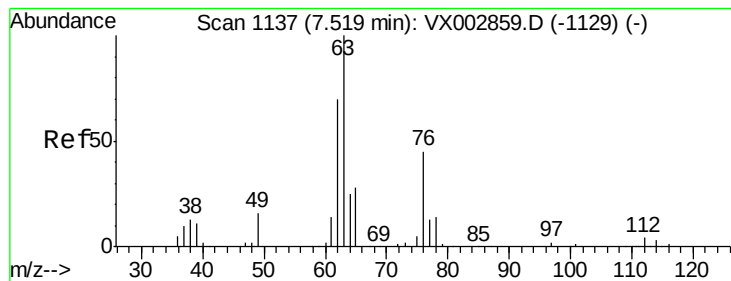
Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion:	130	Resp:	193321
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	185.4





#45

1,2-Dichloropropane

Concen: 52.65 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 169667

Ion Ratio Lower Upper

63 100

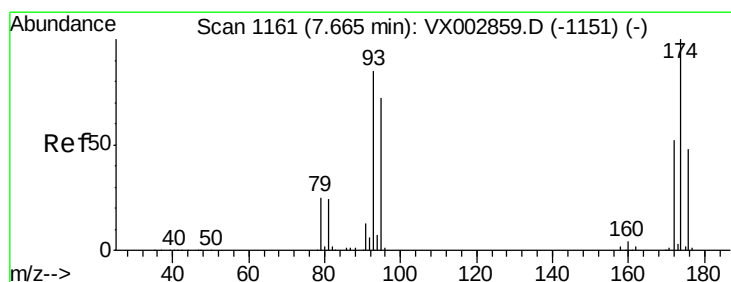
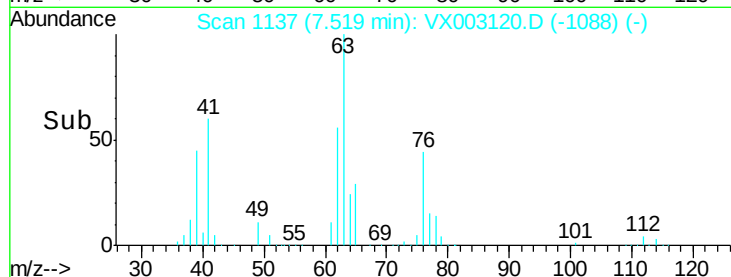
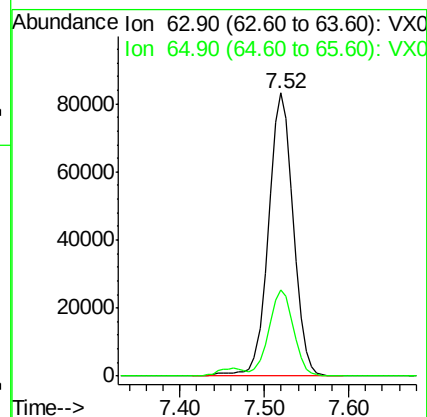
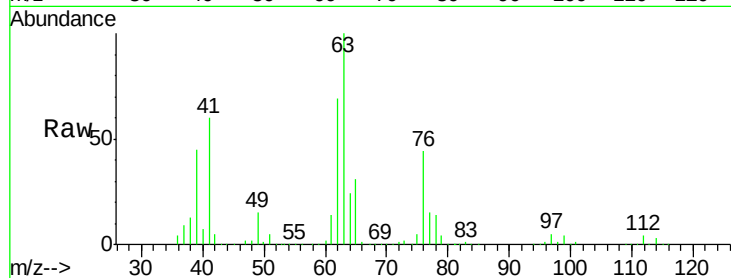
65 30.7 24.7 37.1

Manual Integrations

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sam

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#46

Dibromomethane

Concen: 52.07 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

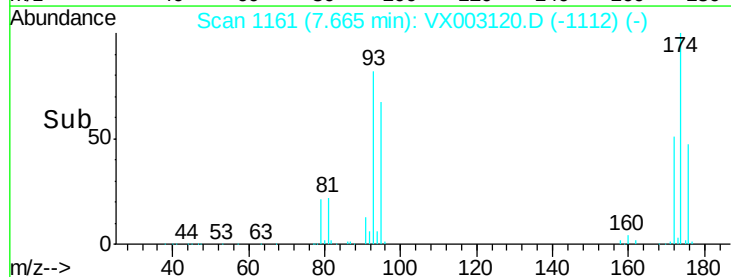
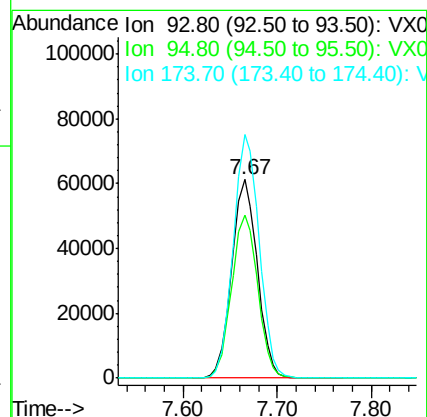
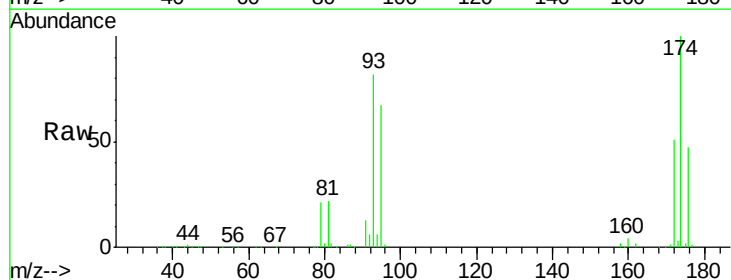
Tgt Ion: 93 Resp: 116455

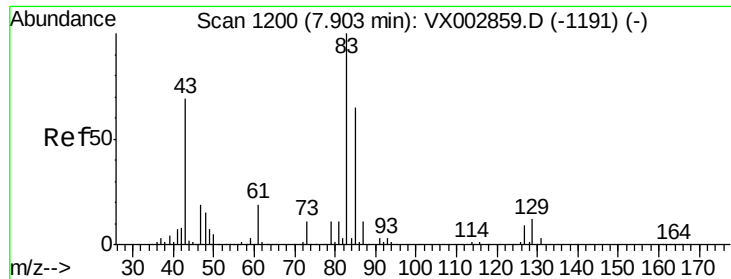
Ion Ratio Lower Upper

93 100

95 84.0 65.9 98.9

174 124.0 92.4 138.6





#47

Bromodichloromethane

Concen: 53.85 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

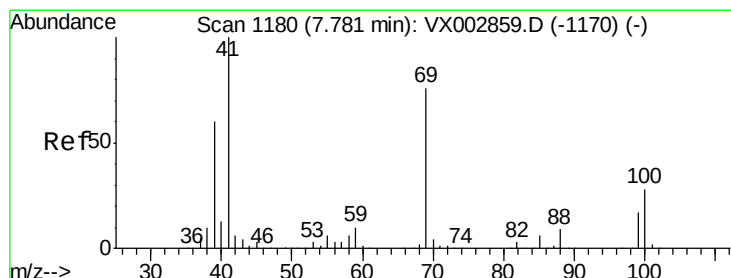
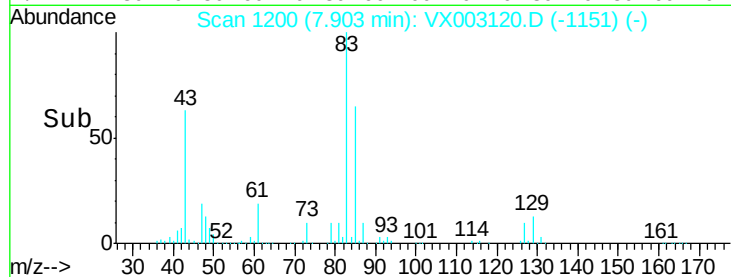
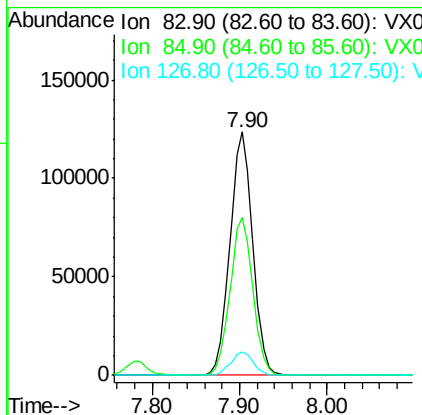
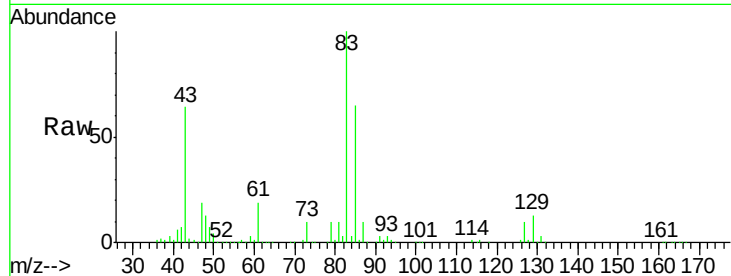
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	222649
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.3	75.5
127	9.9	7.0	10.4

Manual Integrations
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sam
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#48

Methyl methacrylate

Concen: 52.12 ug/l

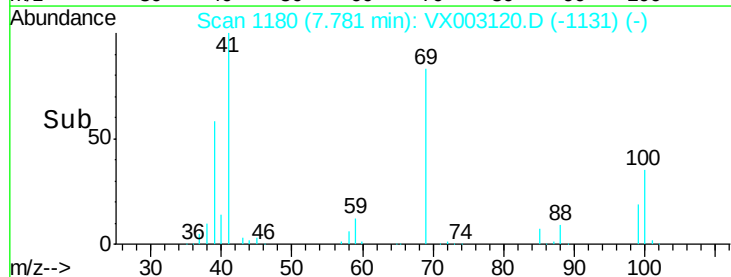
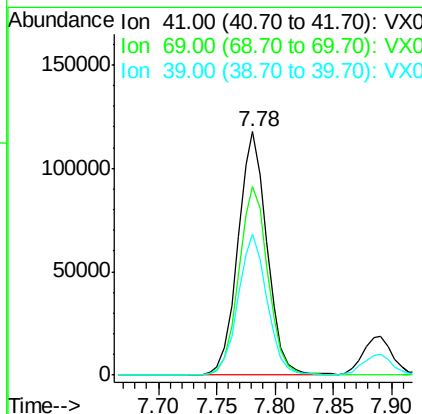
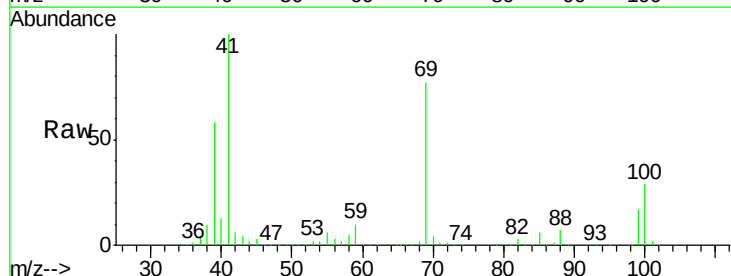
RT: 7.78 min Scan# 1180

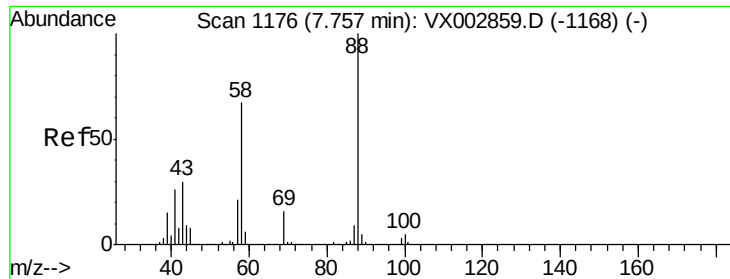
Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion:	41	Resp:	202788
Ion	Ratio	Lower	Upper
41	100		
69	78.5	59.1	88.7
39	57.8	48.9	73.3





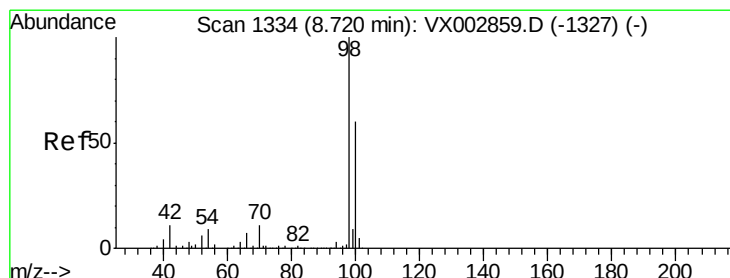
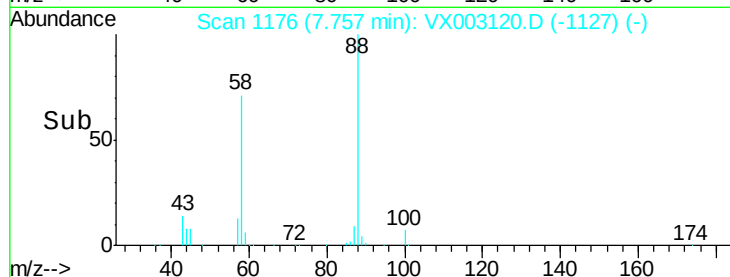
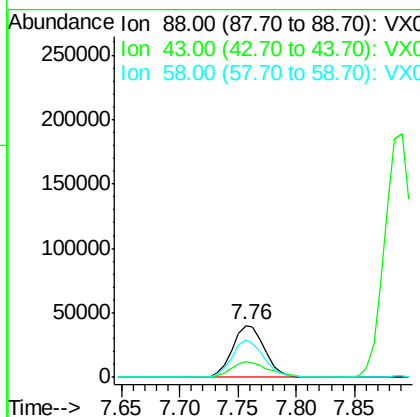
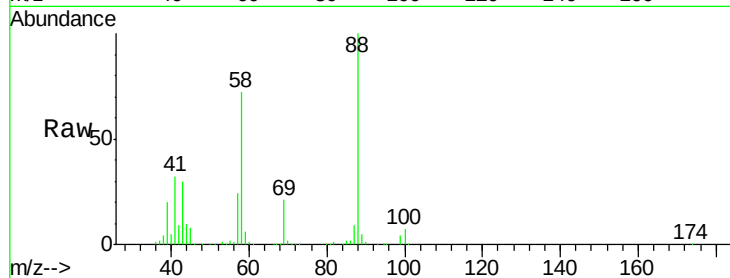
#49
 1,4-Dioxane
 Concen: 1027.86 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	29.8	44.6
58	71.7	57.1	85.7

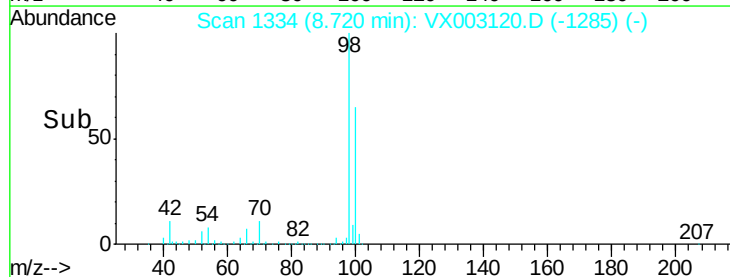
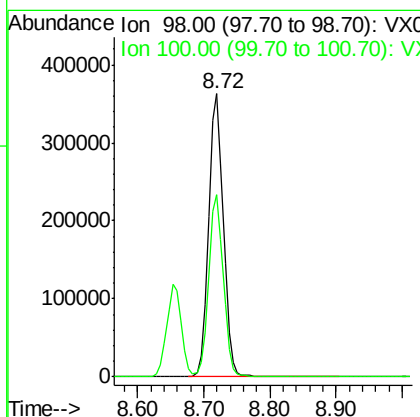
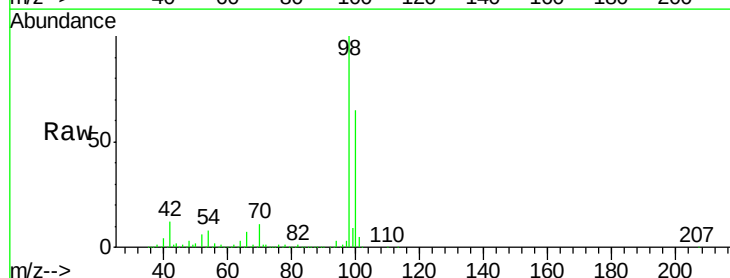
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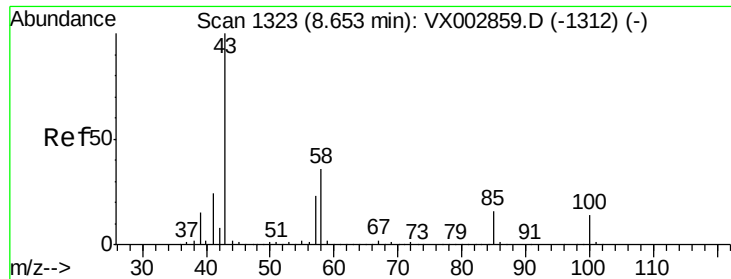
sam
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#50
 Toluene-d8
 Concen: 50.88 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 263.27 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1243746

Ion Ratio Lower Upper

43 100

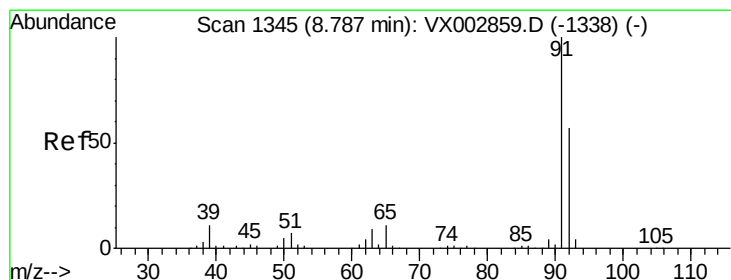
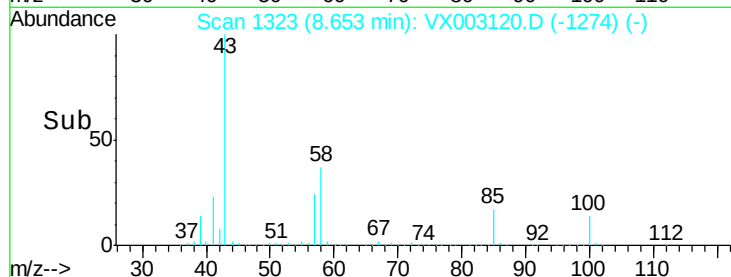
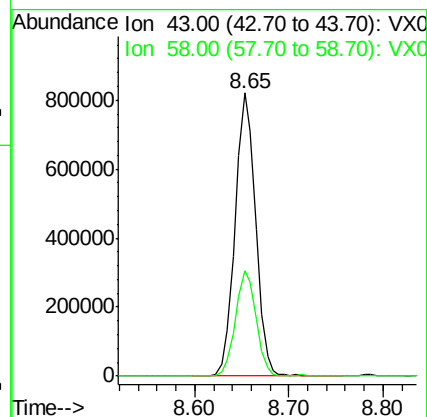
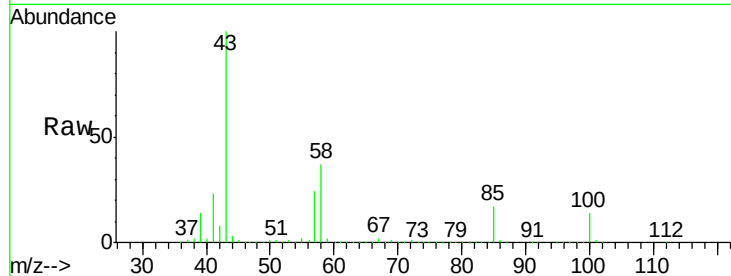
58 37.2 28.6 42.8

Manual Integrations

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#52

Toluene

Concen: 54.21 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003120.D

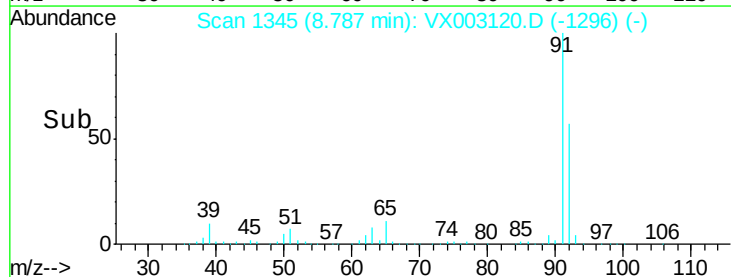
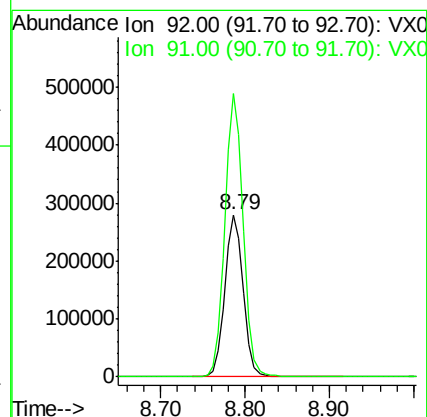
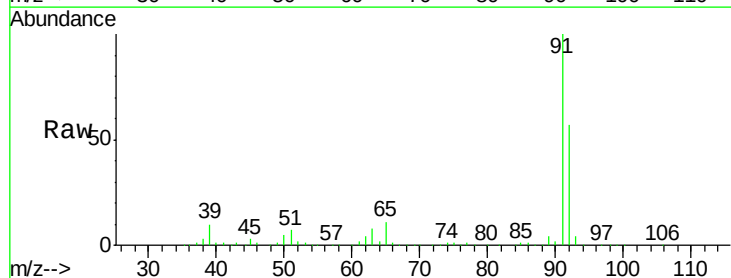
Acq: 02 Jul 2018 11:31

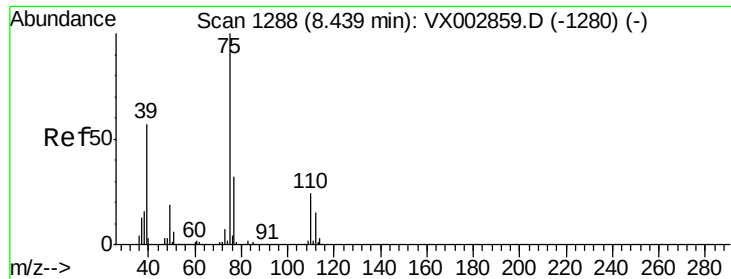
Tgt Ion: 92 Resp: 421917

Ion Ratio Lower Upper

92 100

91 174.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 57.01 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 266943

Ion Ratio Lower Upper

75 100

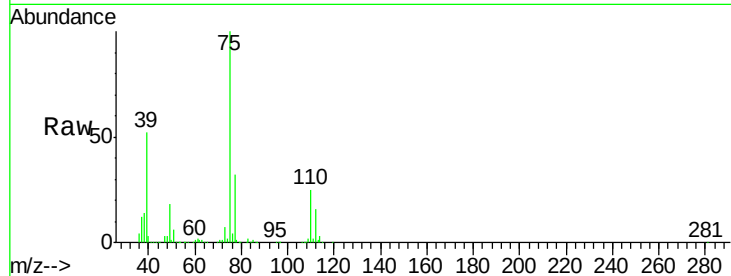
77 32.2 25.4 38.2

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

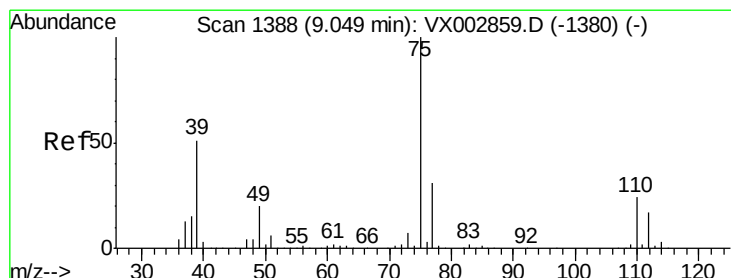
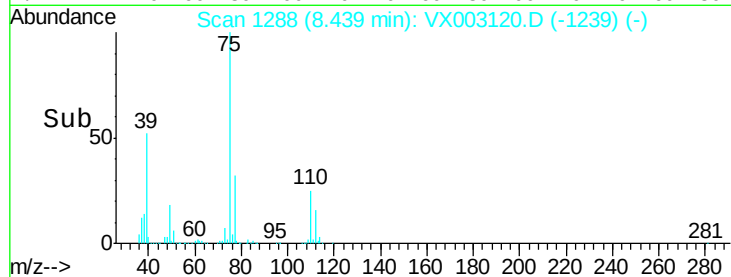
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.30 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

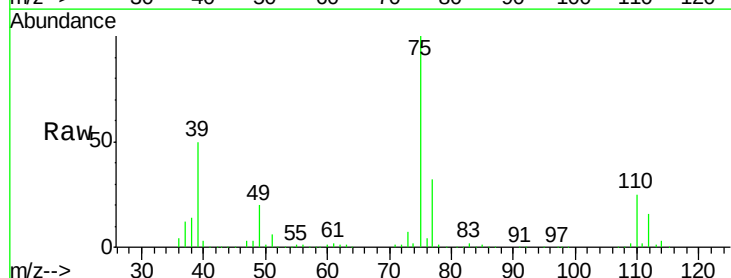
Tgt Ion: 75 Resp: 249147

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 49.8 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

200000

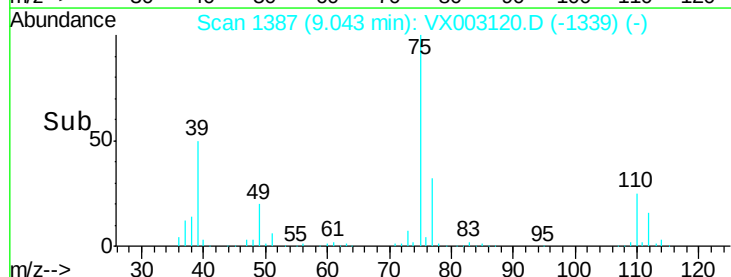
150000

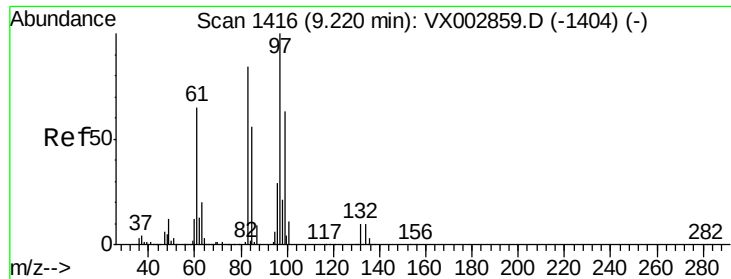
100000

50000

0

Time-->





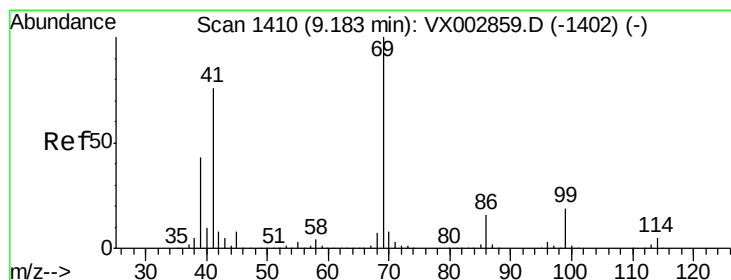
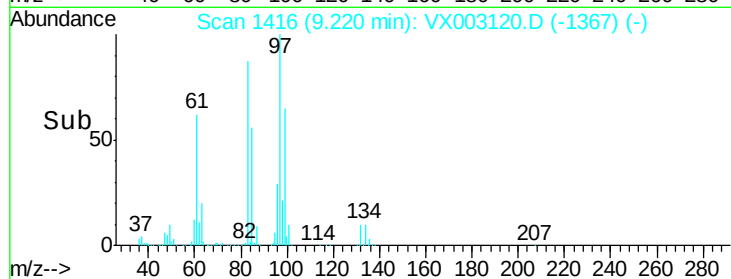
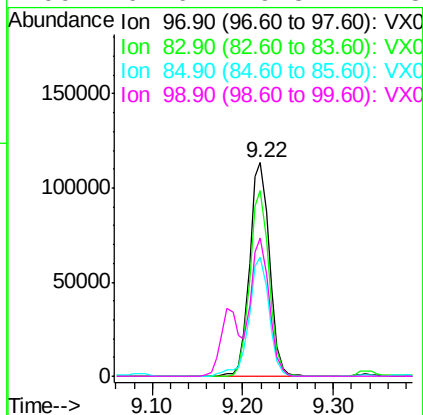
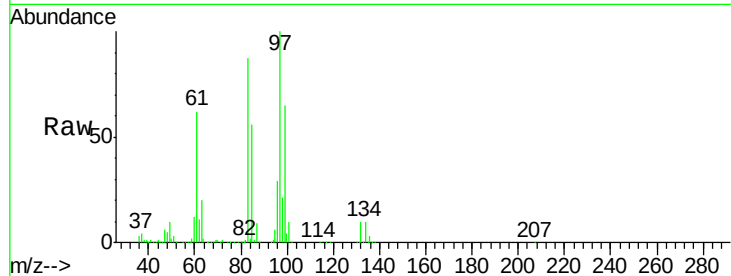
#55
 1,1,2-Trichloroethane
 Concen: 53.73 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	171841
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.2	105.2
85	55.6	44.9	67.3
99	64.6	49.8	74.8

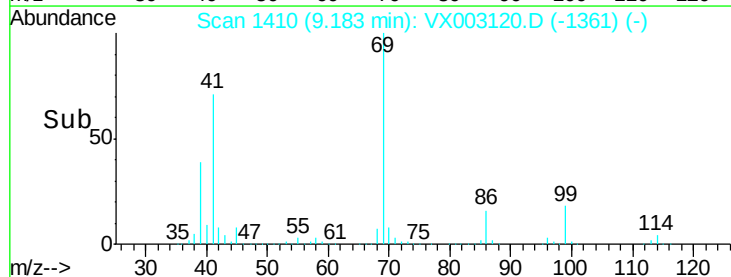
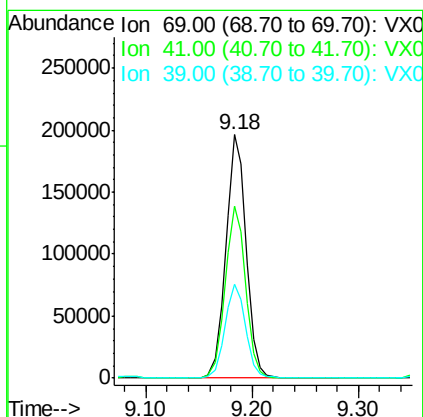
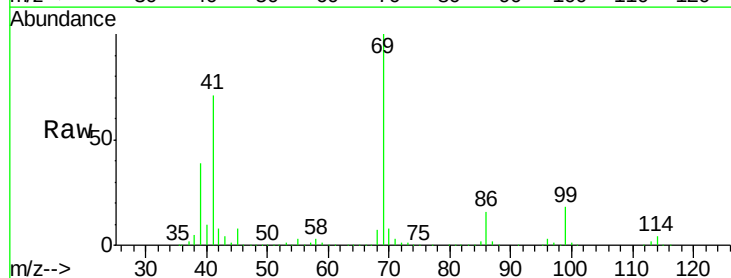
Manual Integrations
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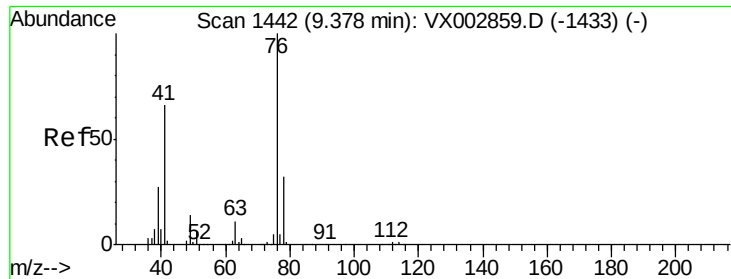
sam
 7/3/2018 3:53:41 PM



#56
 Ethyl methacrylate
 Concen: 55.96 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion:	69	Resp:	261560
Ion	Ratio	Lower	Upper
69	100		
41	71.1	60.3	90.5
39	38.9	35.8	53.8





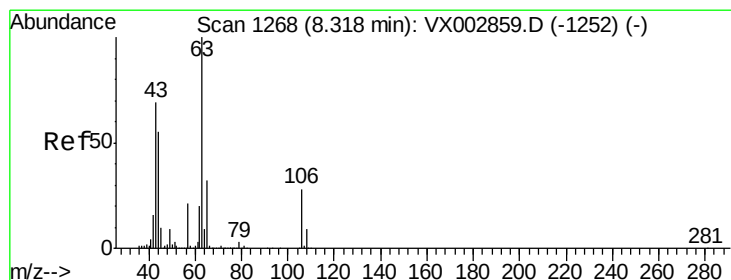
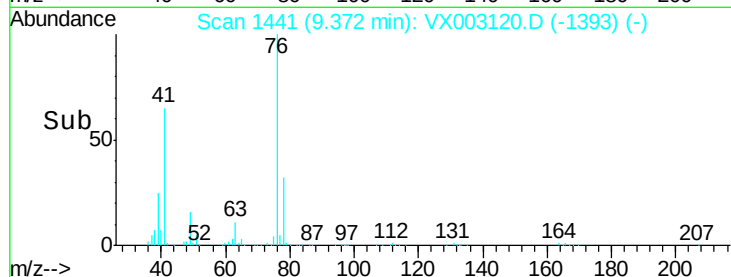
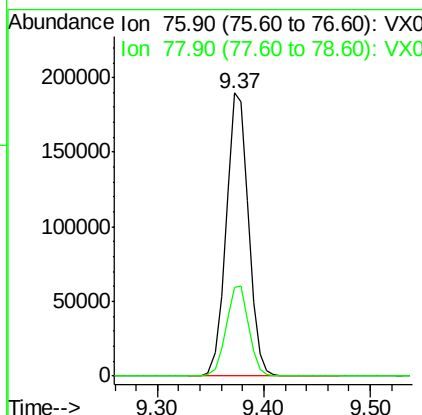
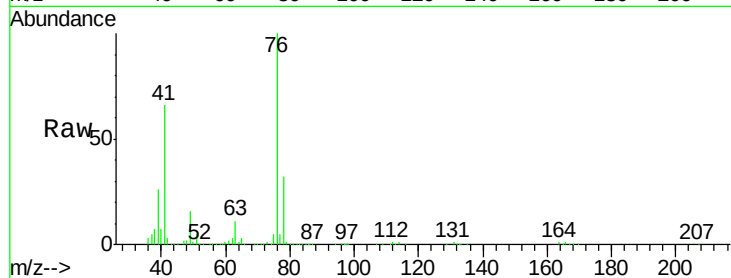
#57
 1,3-Dichloropropane
 Concen: 52.83 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

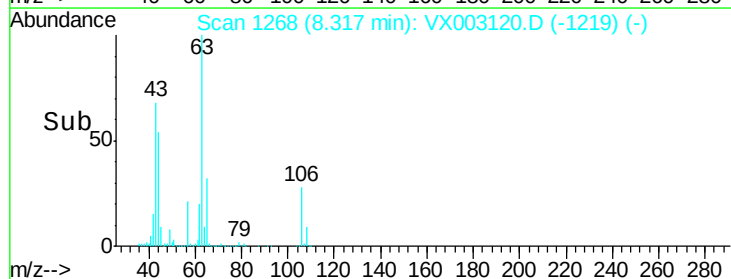
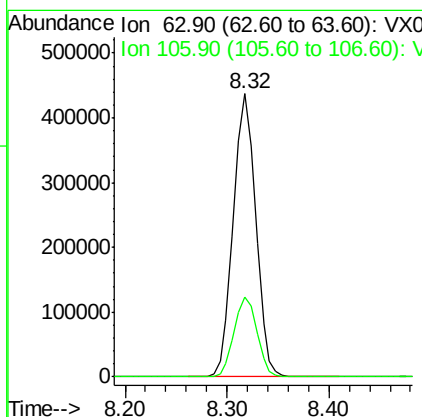
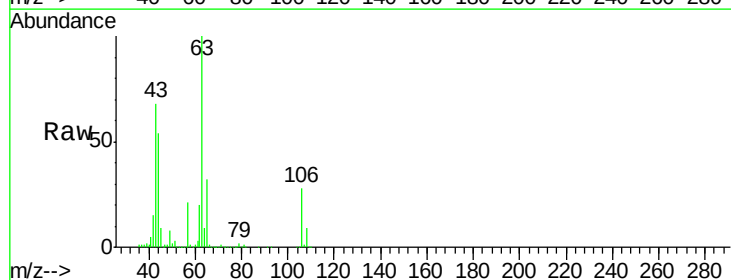
Manual Integrations
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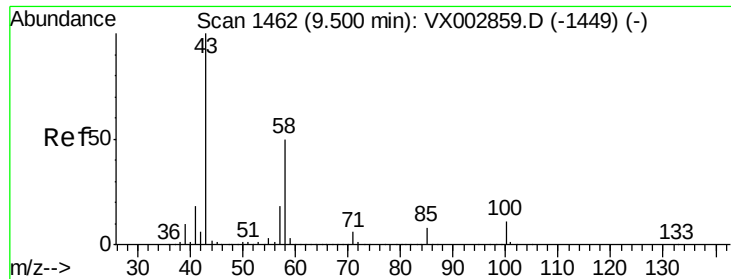
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 295.52 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	21.8	32.8





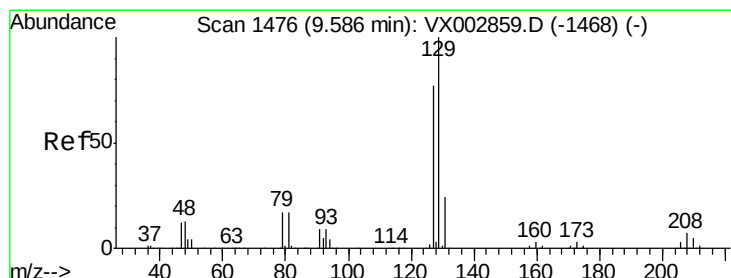
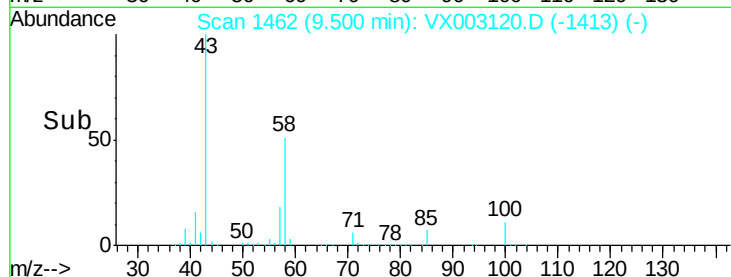
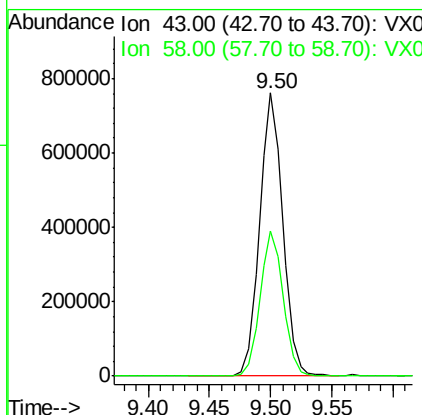
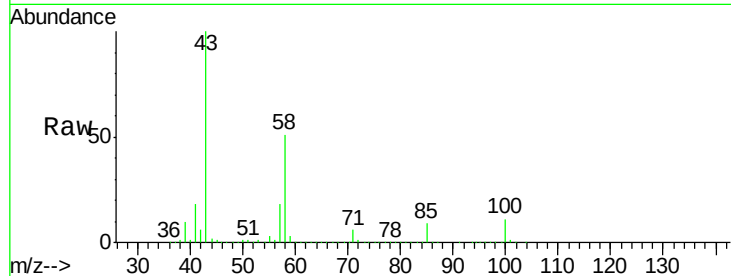
#59
2-Hexanone
Concen: 281.63 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1011168
Ion Ratio Lower Upper
43 100
58 51.5 24.6 73.6

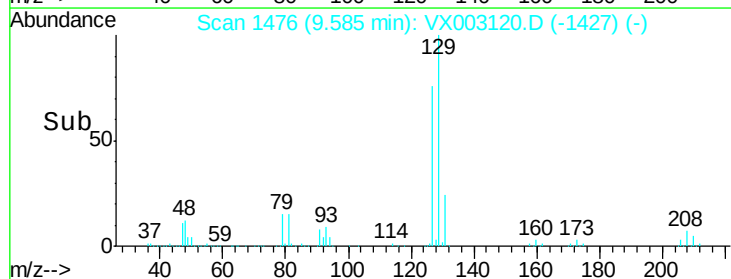
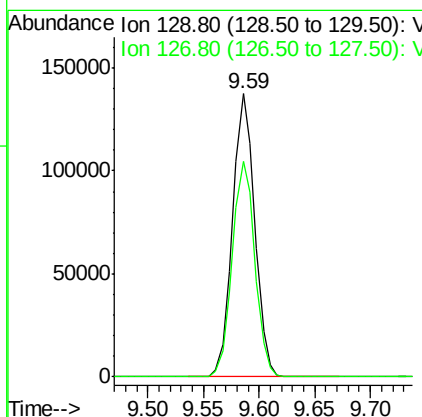
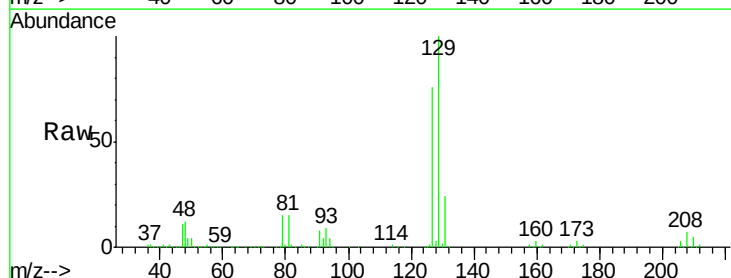
Manual Integrations
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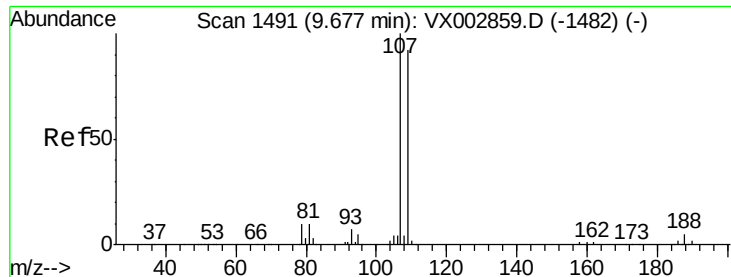
sam
7/3/2018 3:53:41 PM



#60
Dibromochloromethane
Concen: 56.27 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion: 129 Resp: 189450
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





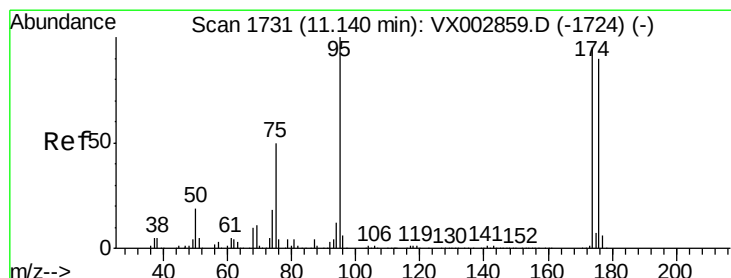
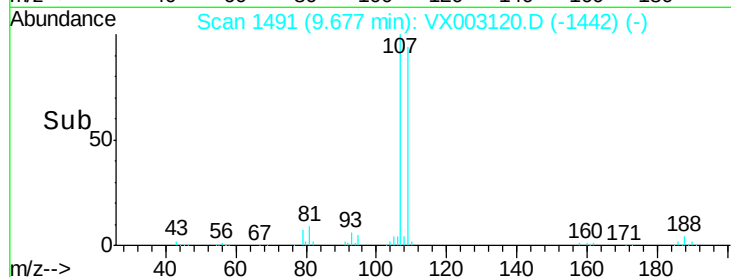
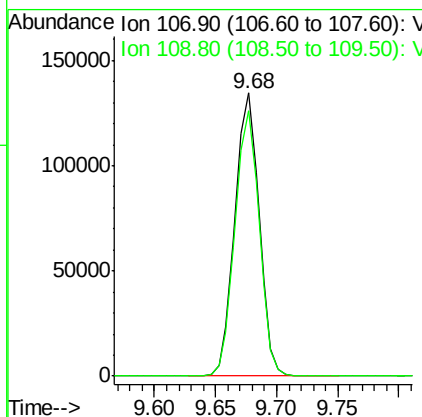
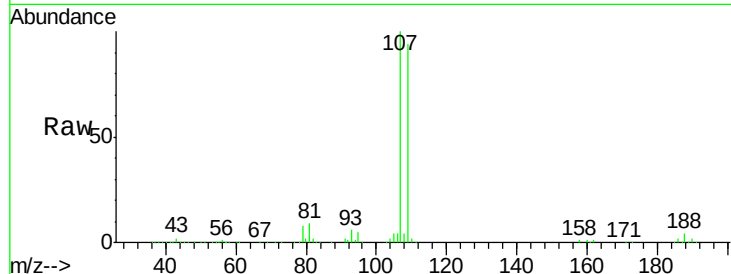
#61
 1,2-Dibromoethane
 Concen: 54.96 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.3	112.9

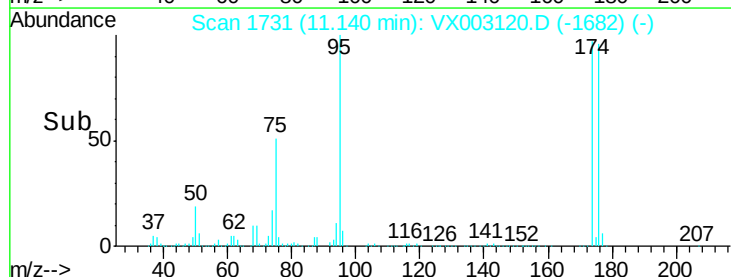
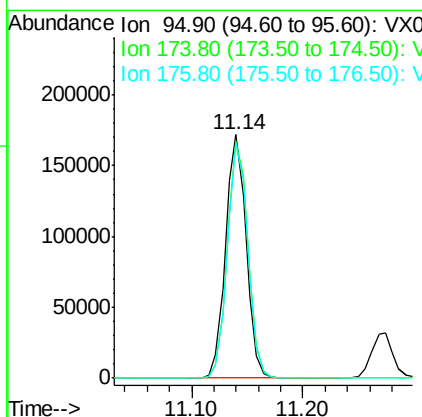
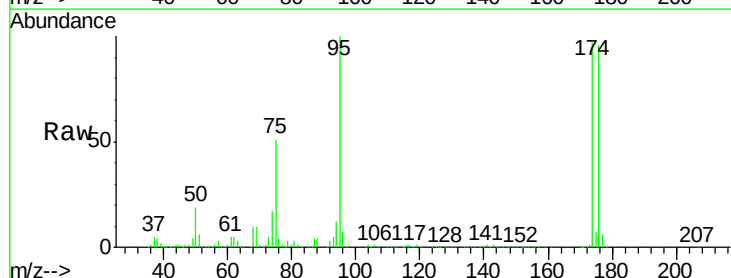
Manual Integrations
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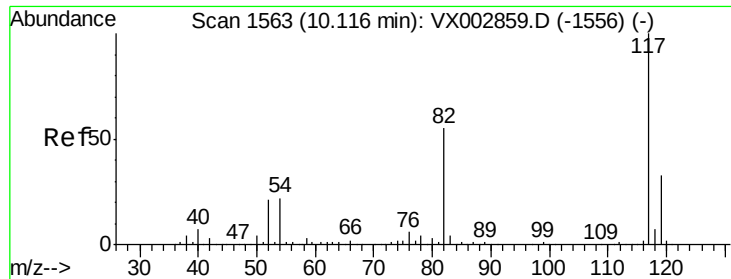
sam
 7/3/2018 3:53:41 PM



#62
 4-Bromofluorobenzene
 Concen: 51.61 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	187.4
176	96.0	0.0	181.0





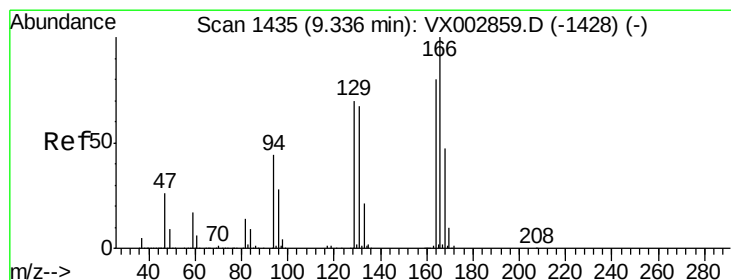
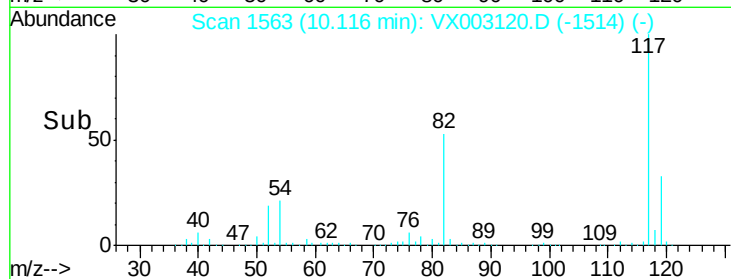
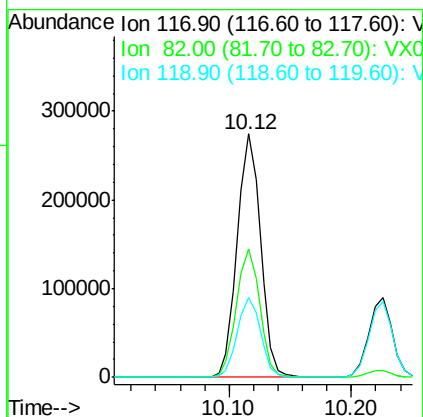
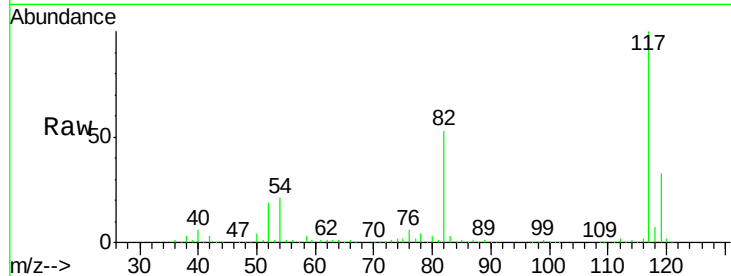
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.0	67.4
119	32.7	25.8	38.6

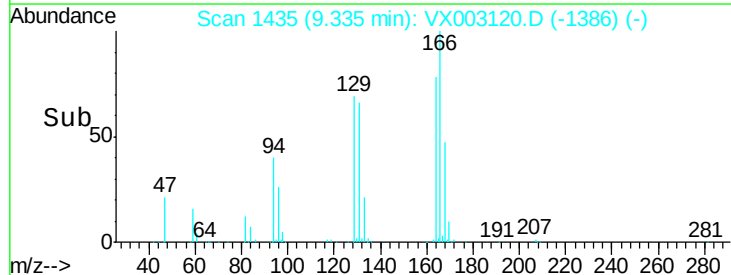
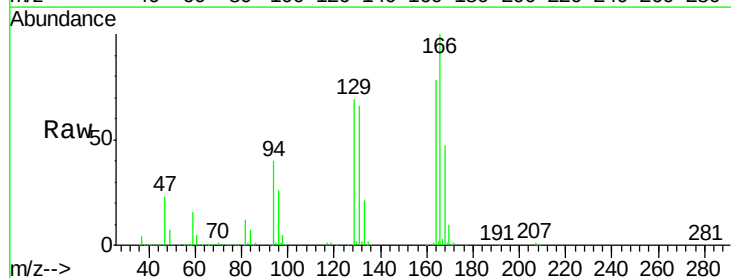
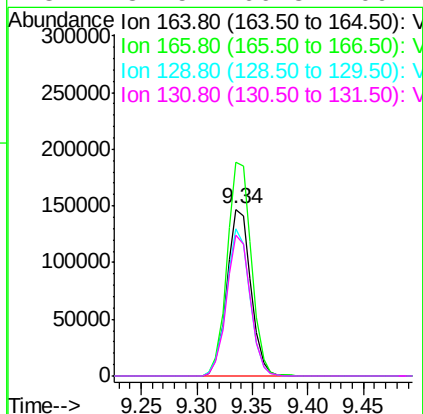
Manual Integrations
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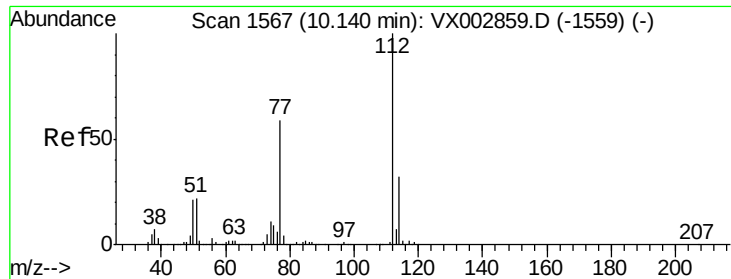
sam
7/3/2018 3:53:41 PM



#64
Tetrachloroethene
Concen: 54.01 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.9	154.3
129	88.5	68.6	102.8
131	84.5	66.8	100.2





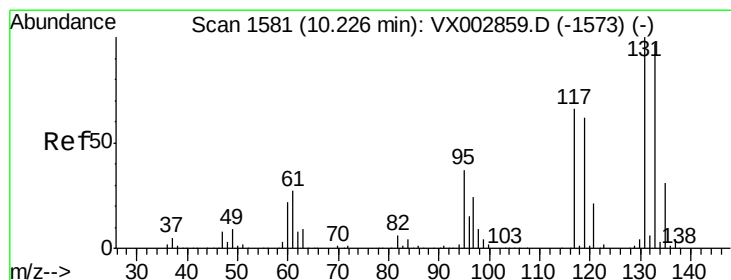
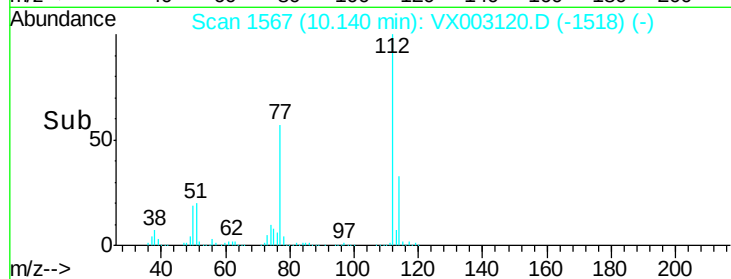
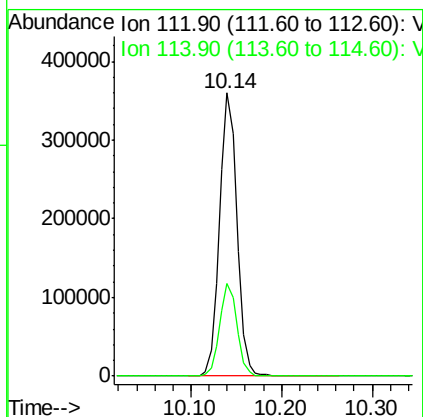
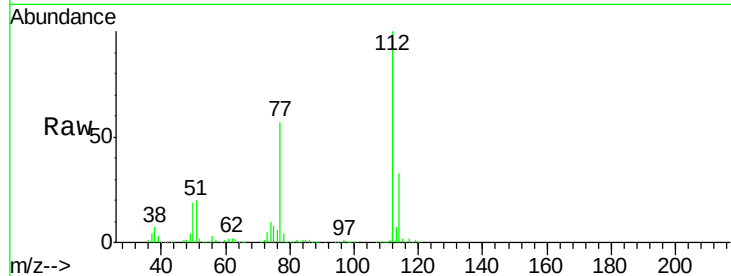
#65
Chlorobenzene
Concen: 52.68 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 485556
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9

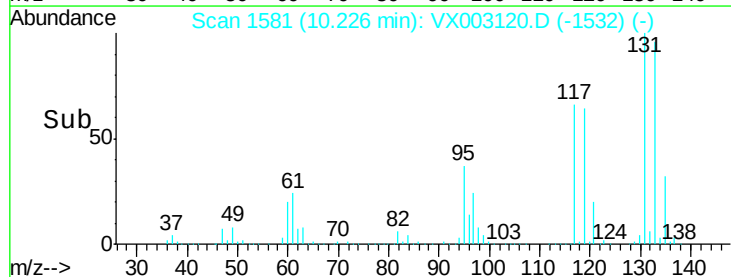
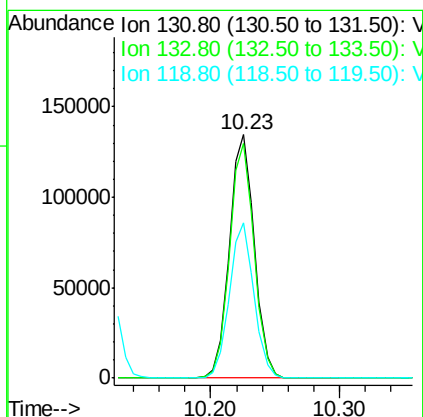
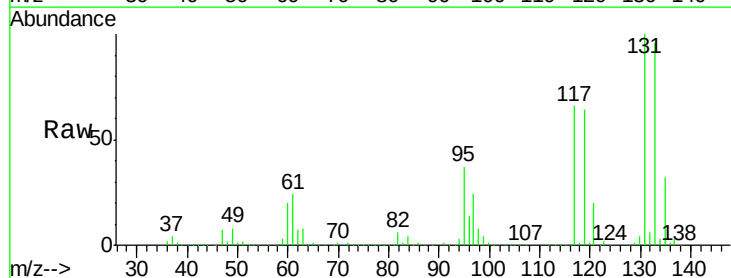
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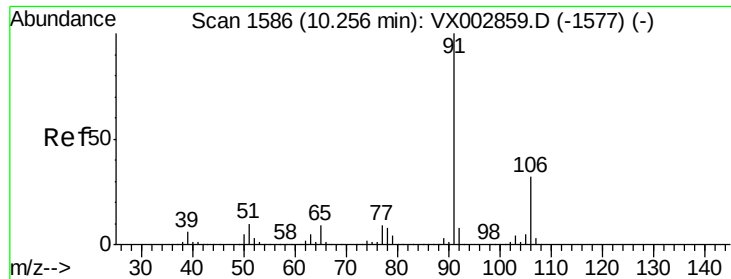
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.43 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion:131 Resp: 182244
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 62.9 31.8 95.3





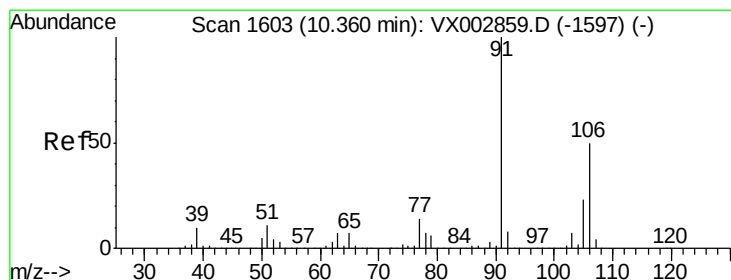
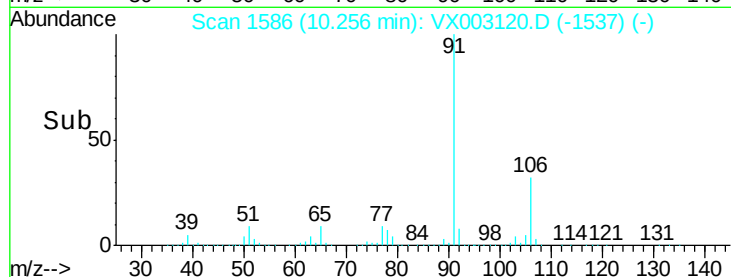
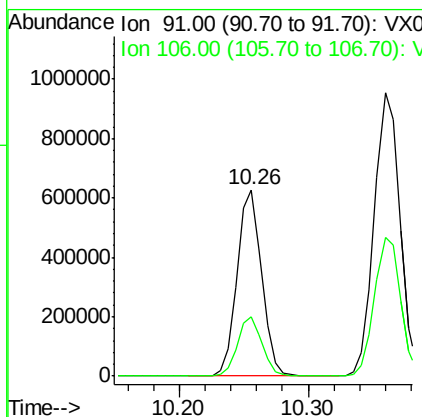
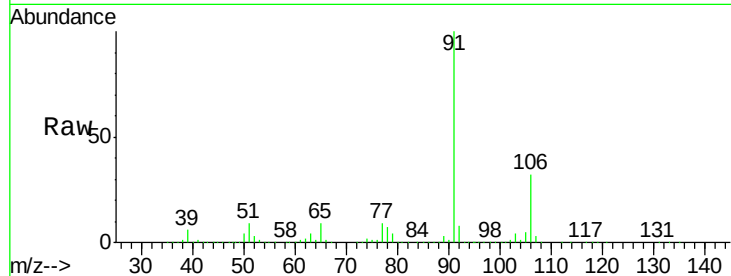
#67
Ethyl Benzene
Concen: 54.58 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 831015
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3

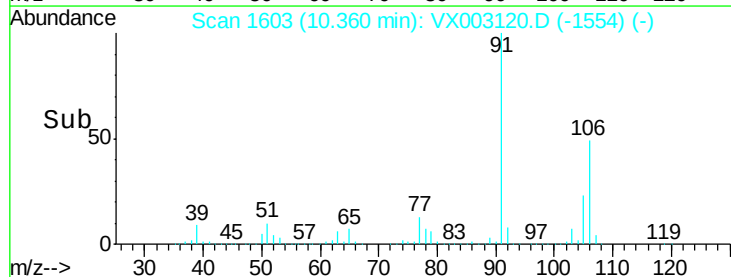
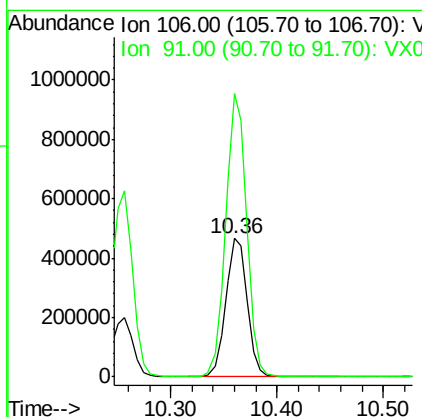
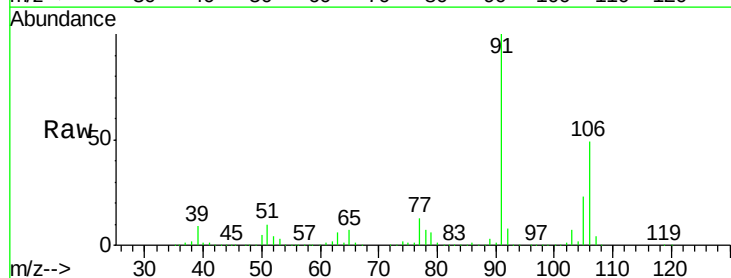
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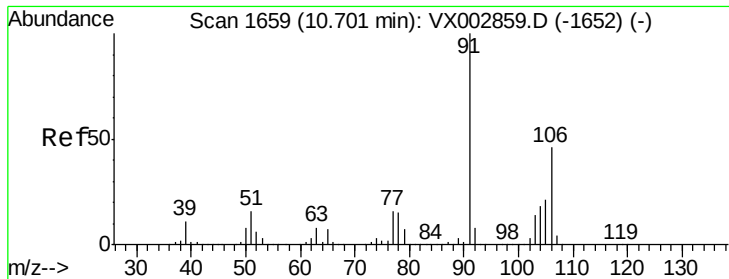
sam
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#68
m/p-Xylenes
Concen: 111.02 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion: 106 Resp: 651425
Ion Ratio Lower Upper
106 100
91 201.8 163.4 245.2





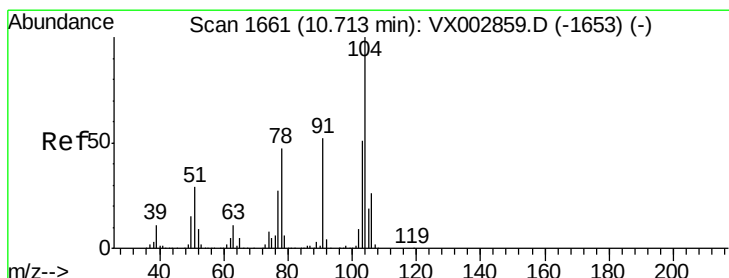
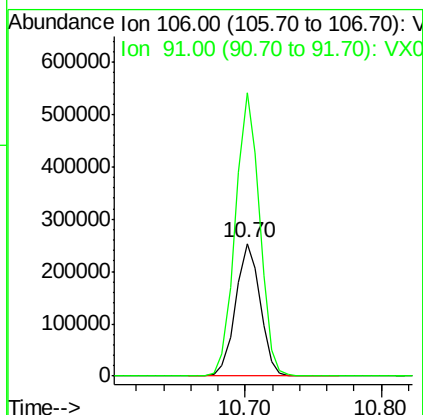
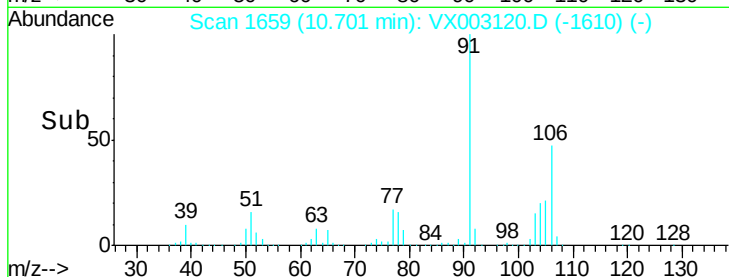
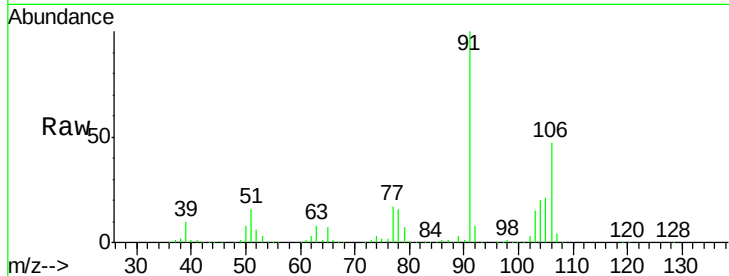
#69
o-Xylene
Concen: 55.52 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 317207
Ion Ratio Lower Upper
106 100
91 211.7 108.2 324.6

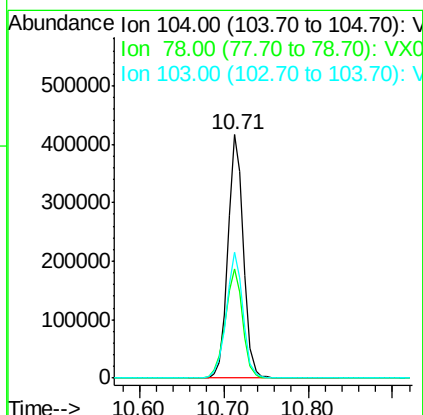
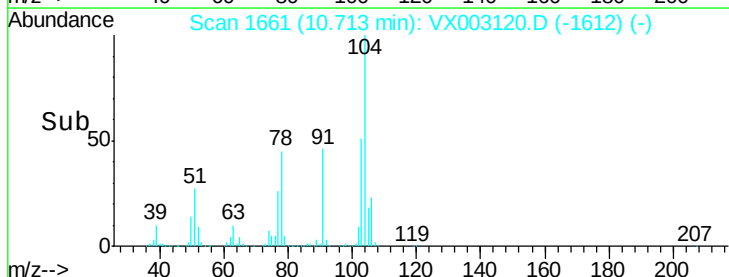
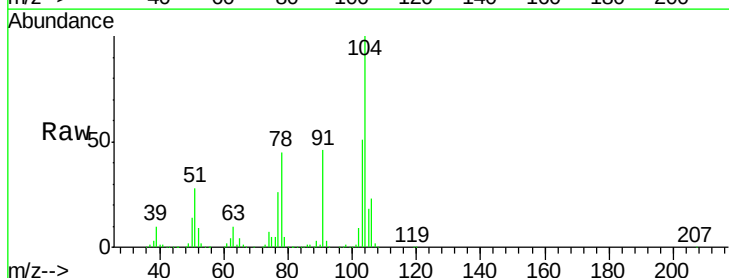
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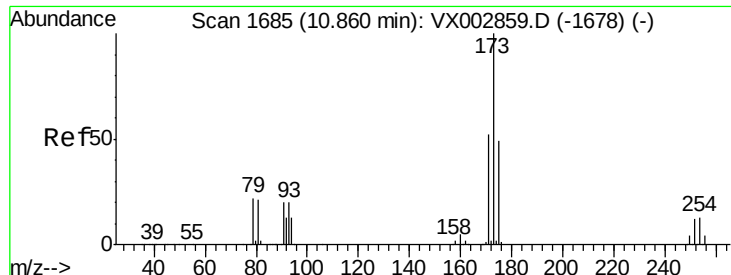
sam
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#70
Styrene
Concen: 56.90 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion:104 Resp: 528290
Ion Ratio Lower Upper
104 100
78 50.1 41.0 61.6
103 55.7 44.2 66.4





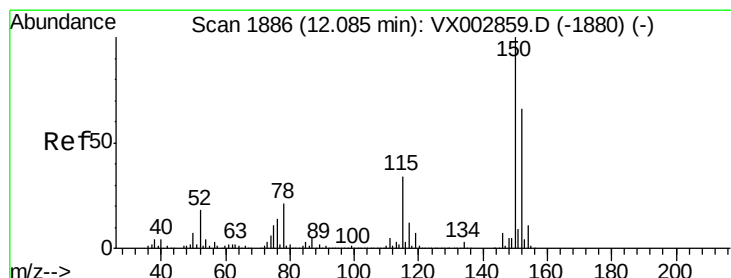
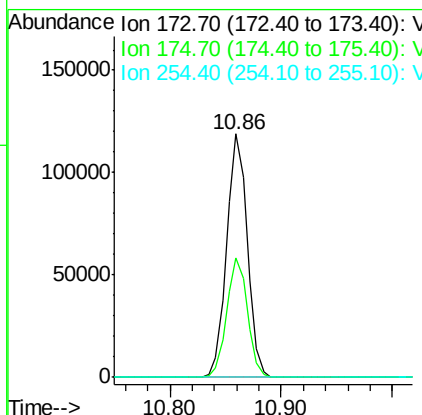
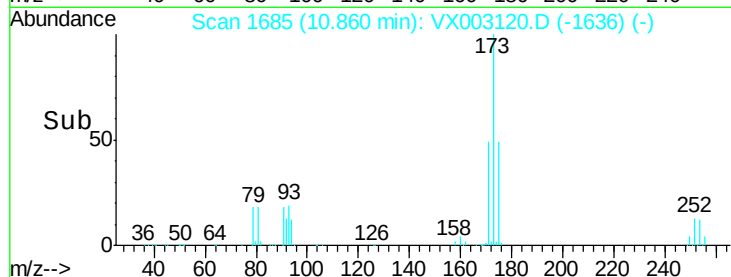
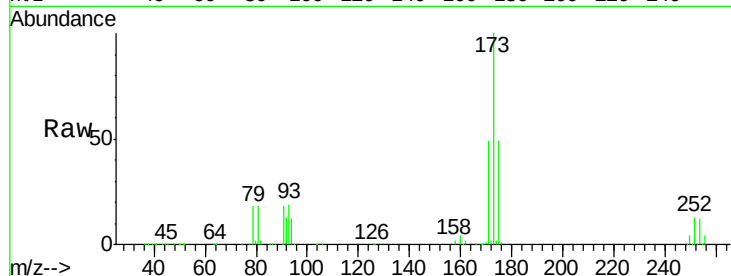
#71
Bromoform
Concen: 50.43 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.7	74.1
254	0.2	0.2	0.2

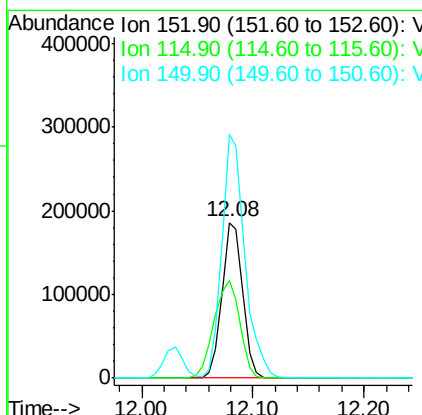
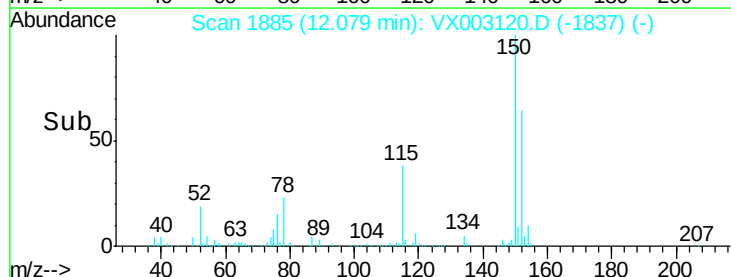
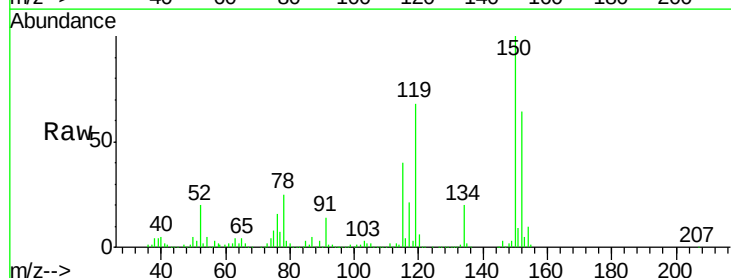
Manual Integrations
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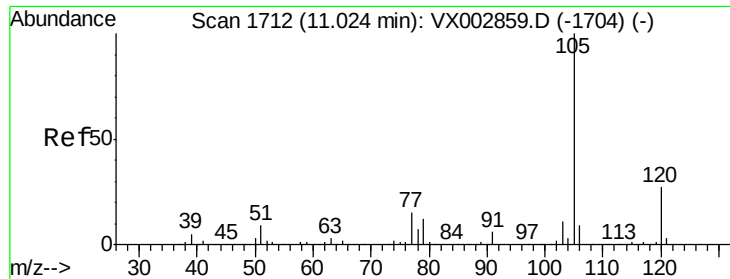
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.7	40.1	120.2
150	174.1	0.0	347.2





#73

Isopropylbenzene

Concen: 53.55 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 856032

Ion Ratio Lower Upper

105 100

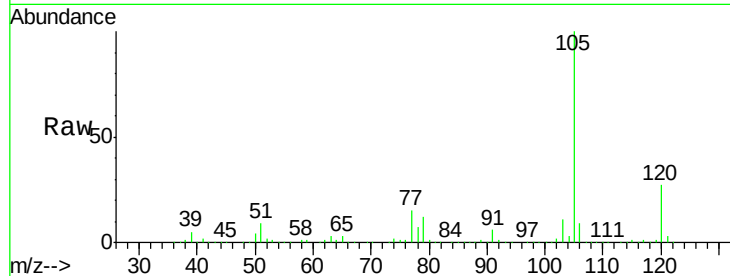
120 27.1 13.5 40.4

Manual Integrations

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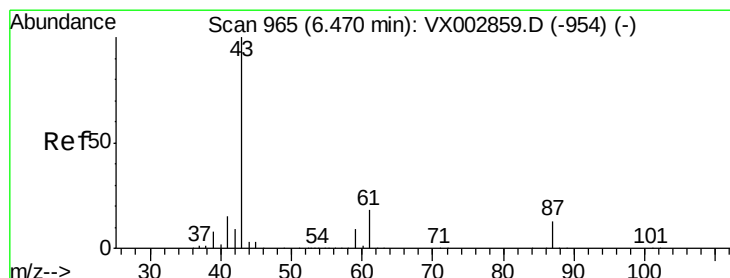
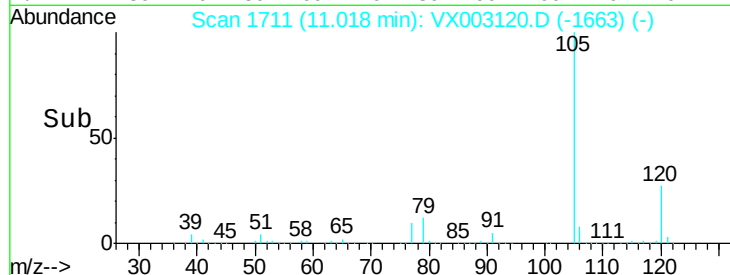
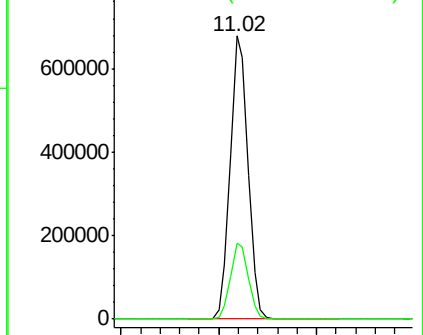
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.28 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion: 43 Resp: 393273

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

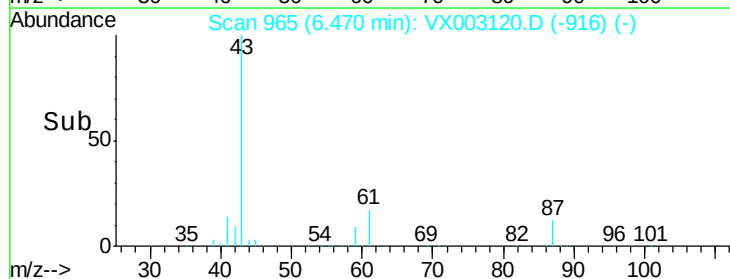
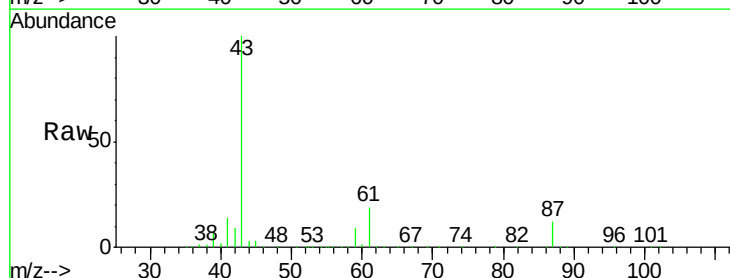
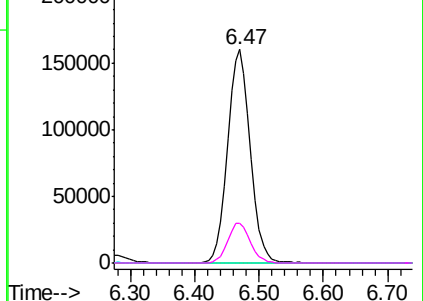
61 18.9 14.4 21.6

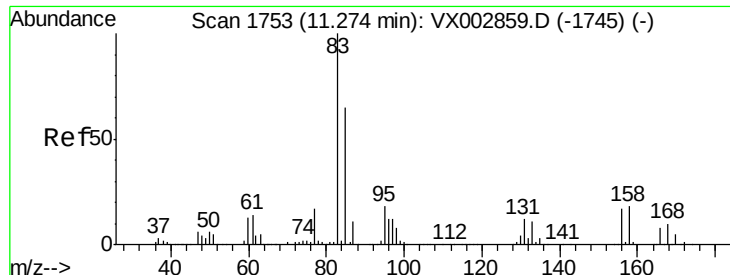
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.09 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

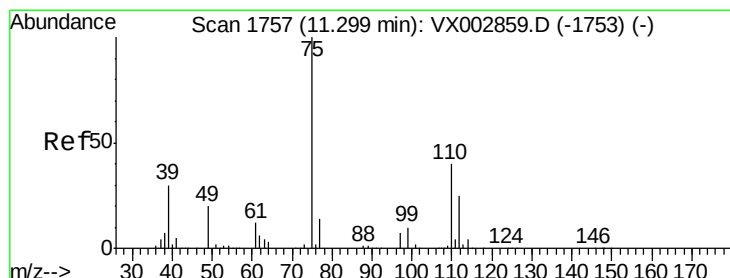
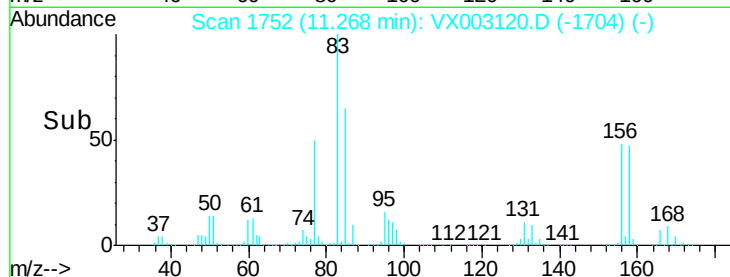
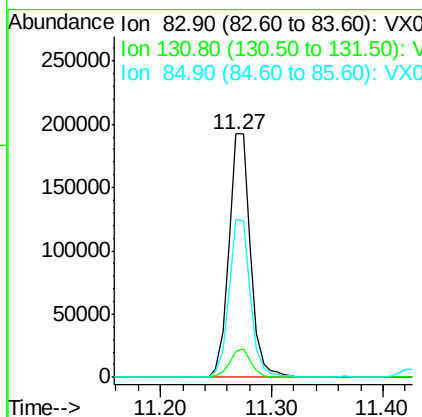
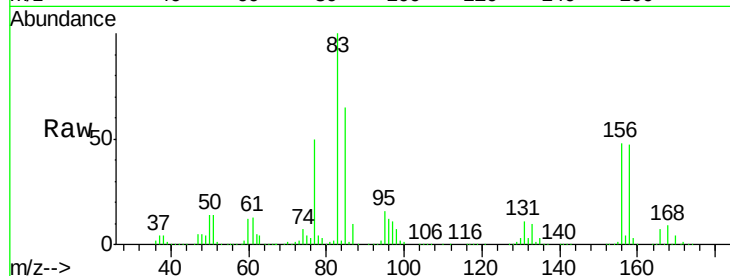
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	256475
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	64.5	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 59.19 ug/l m

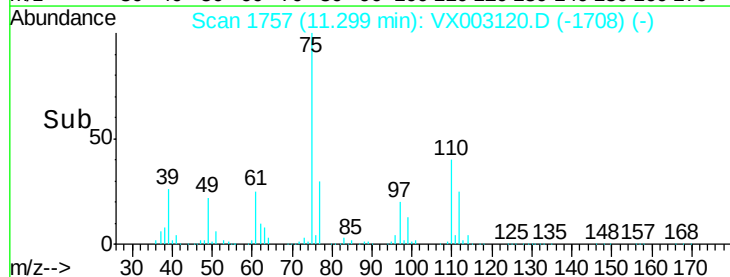
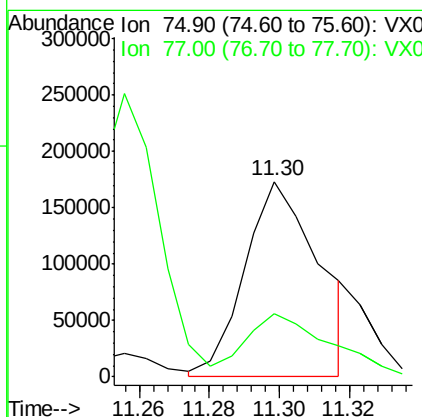
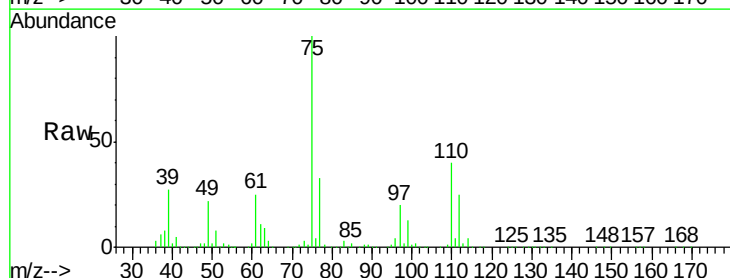
RT: 11.30 min Scan# 1757

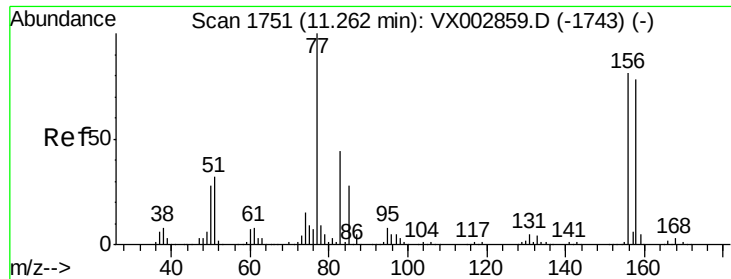
Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion:	75	Resp:	254730
Ion Ratio	Lower	Upper	
75	100		
77	37.0	22.8	68.3





#77

Bromobenzene

Concen: 52.37 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

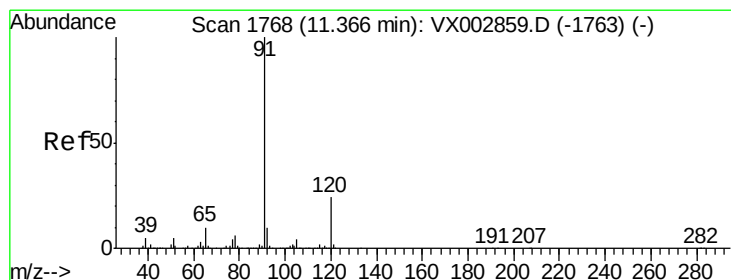
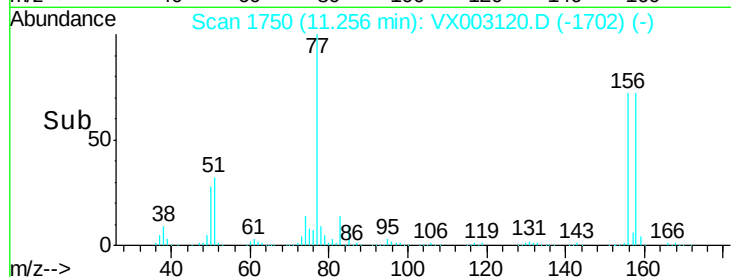
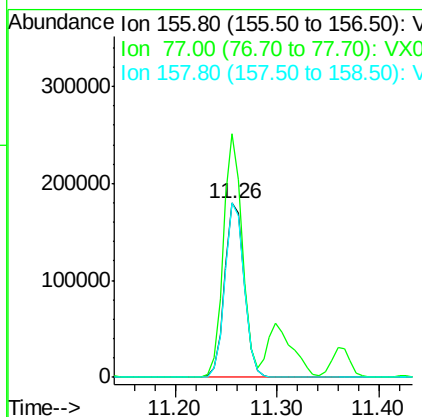
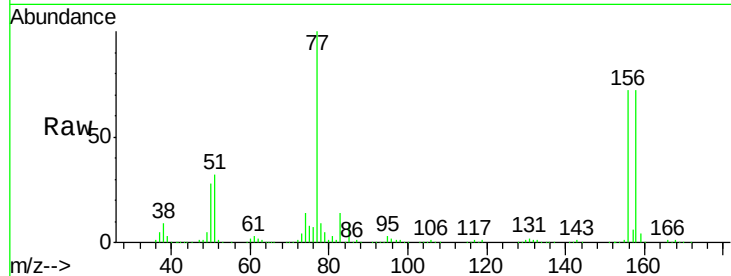
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		238394		
77	135.3	71.4	214.2		
158	98.5	48.9	146.6		

Manual Integrations
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#78

n-propylbenzene

Concen: 53.71 ug/l

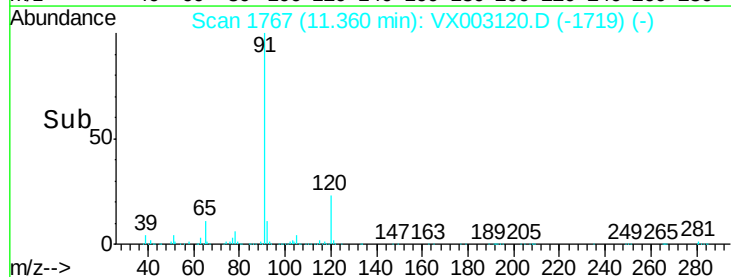
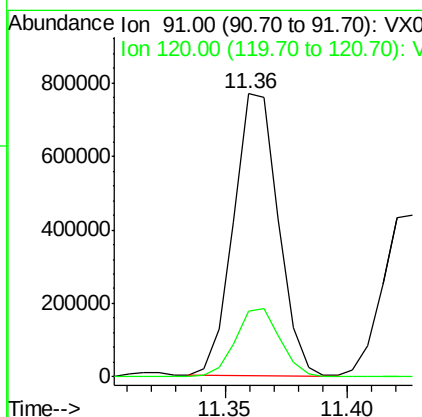
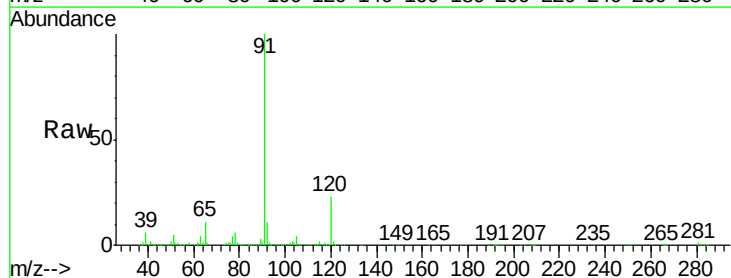
RT: 11.36 min Scan# 1767

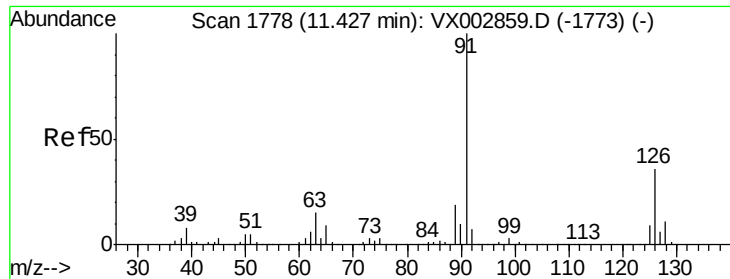
Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		977160		
120	24.4	11.8	35.4		





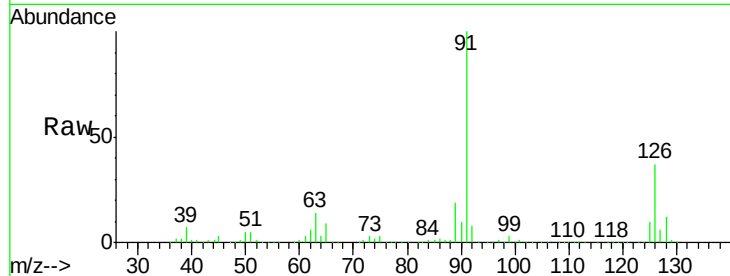
#79
 2-Chlorotoluene
 Concen: 52.11 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

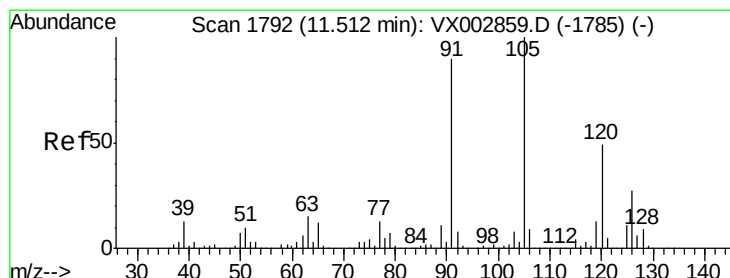
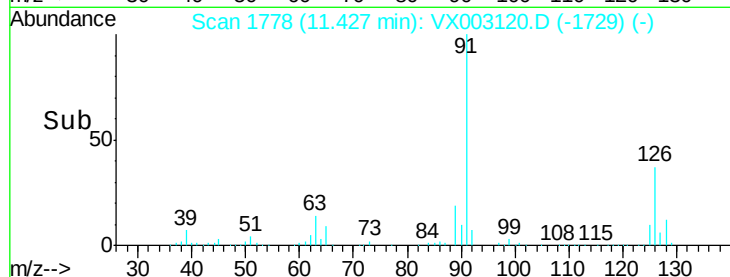
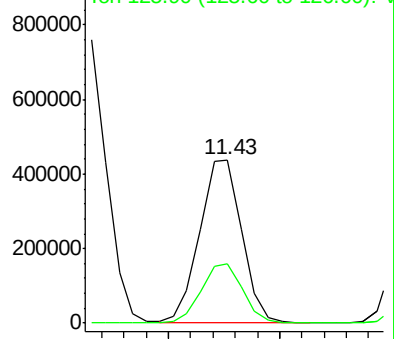
Tot Ion: 91 Resp: 573995
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.7 53.1

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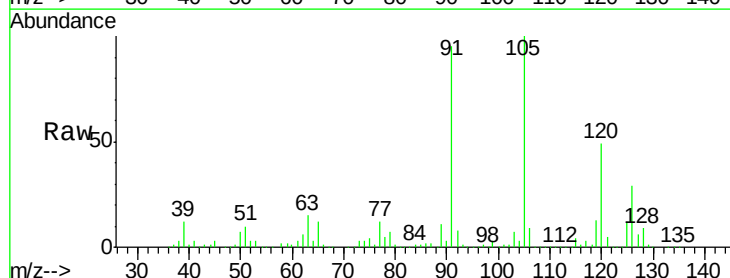


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

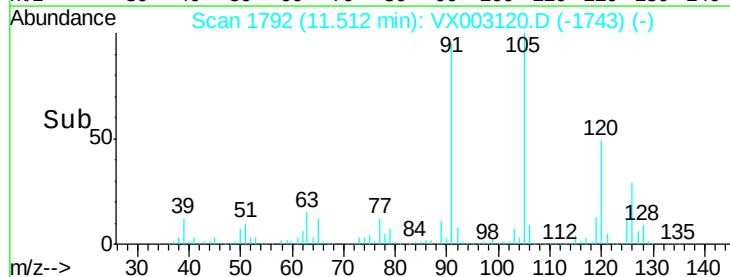
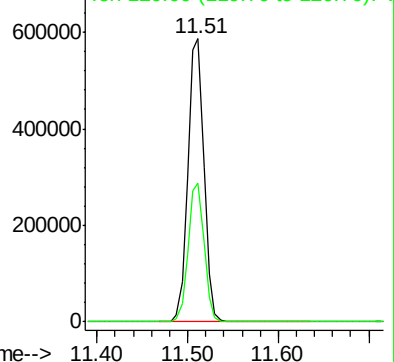


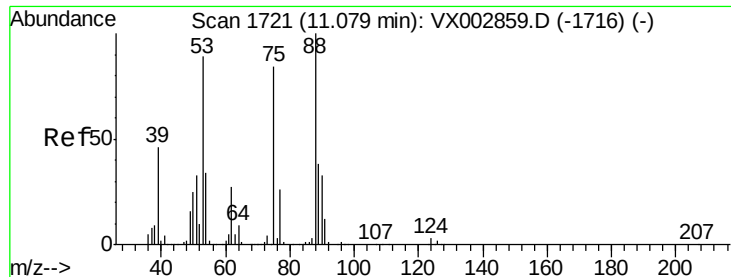
#80
 1,3,5-Trimethylbenzene
 Concen: 54.10 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion: 105 Resp: 728315
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 48.73 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

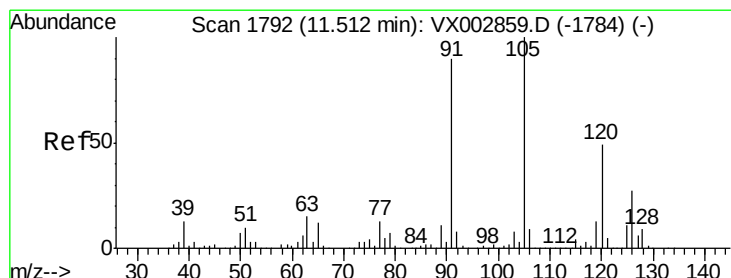
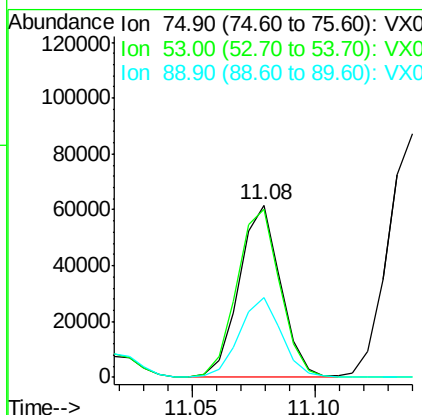
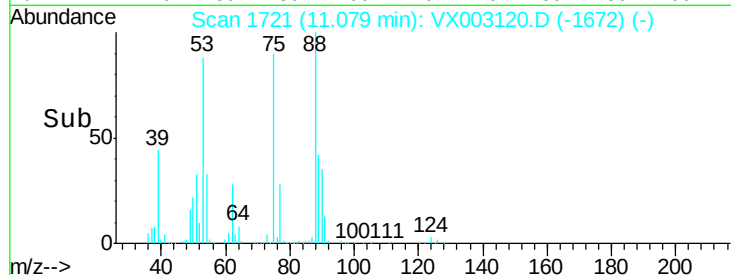
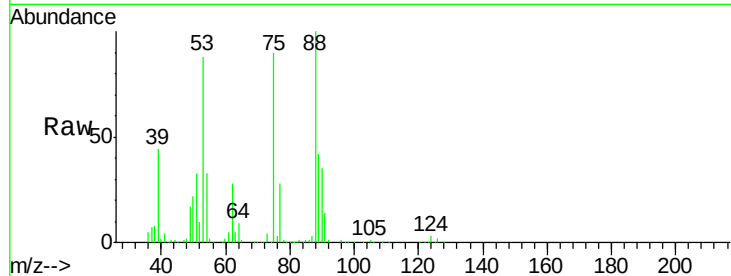
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	72152
Ion	Ratio	Lower	Upper
75	100		
53	102.0	86.8	130.2
89	47.2	38.2	57.2

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#82

4-Chlorotoluene

Concen: 52.74 ug/l

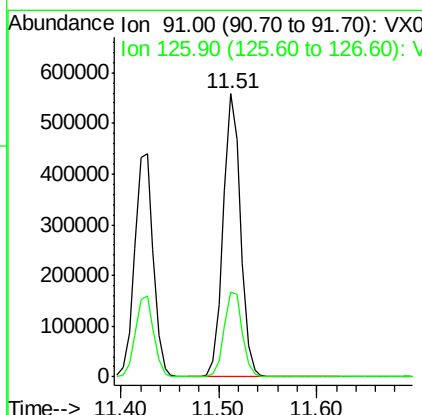
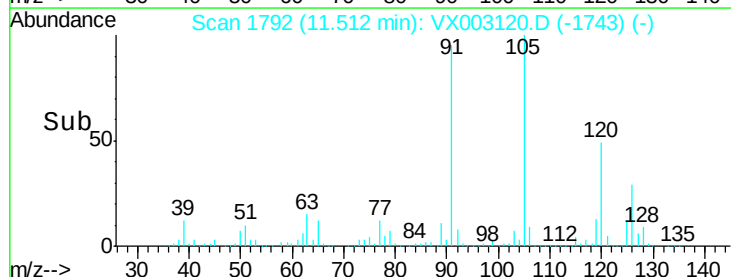
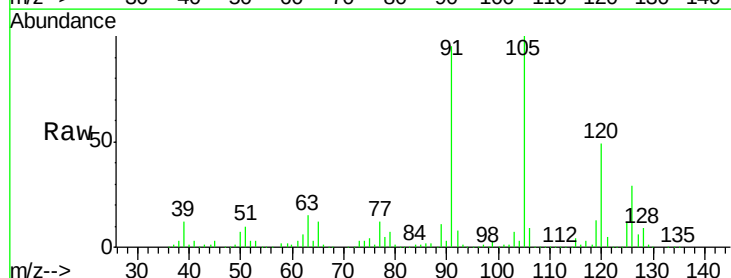
RT: 11.51 min Scan# 1792

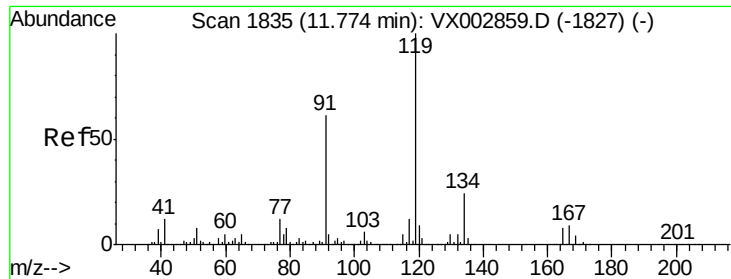
Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion:	91	Resp:	687732
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4





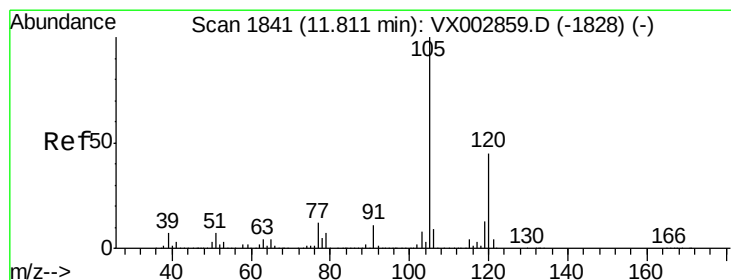
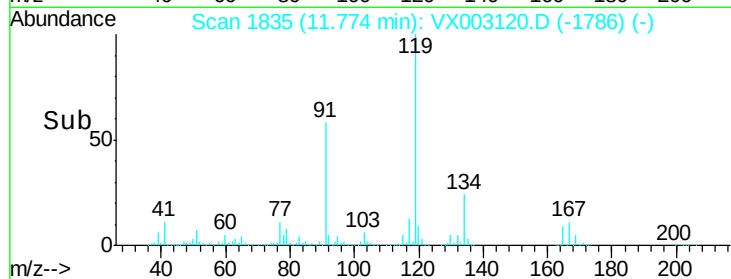
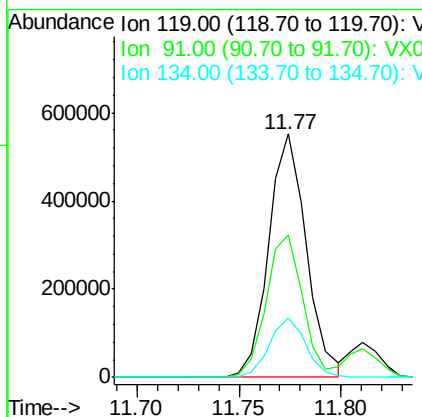
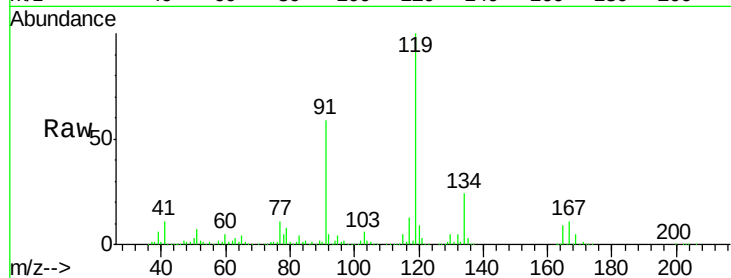
#83
 tert-Butylbenzene
 Concen: 53.45 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.3	30.3	90.9
134	23.5	11.7	35.1

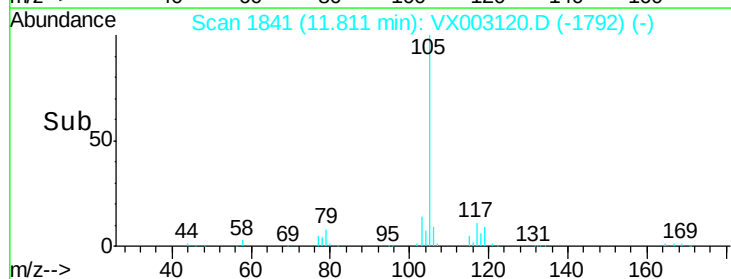
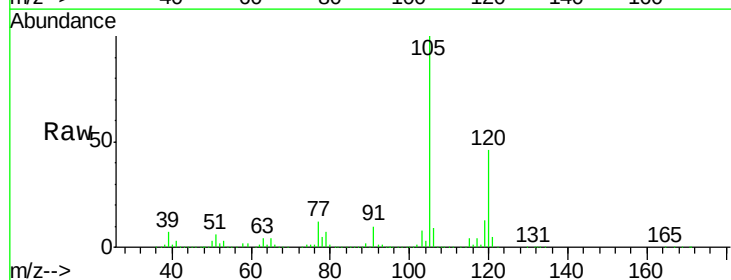
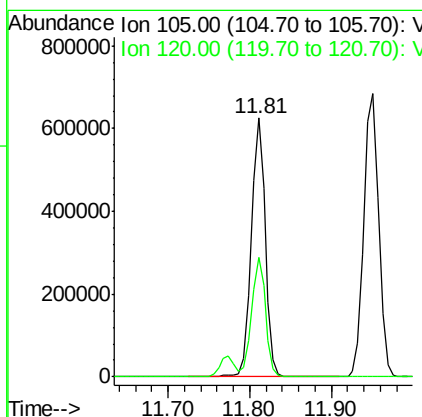
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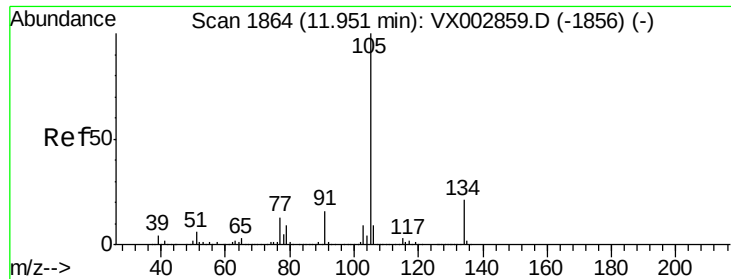
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.69 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.3	66.8





#85

sec-Butylbenzene

Concen: 52.65 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 847478

Ion Ratio Lower Upper

105 100

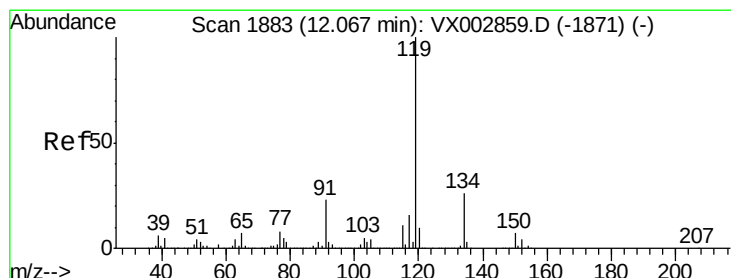
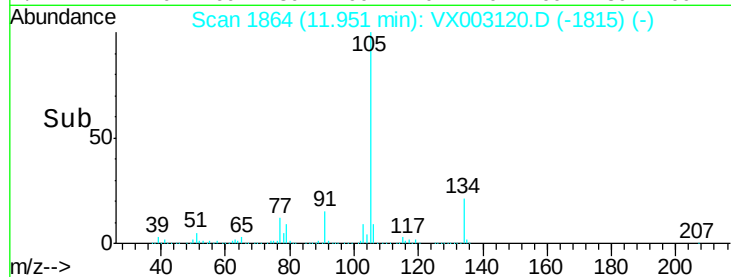
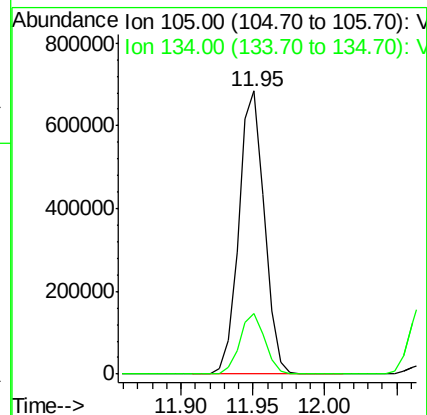
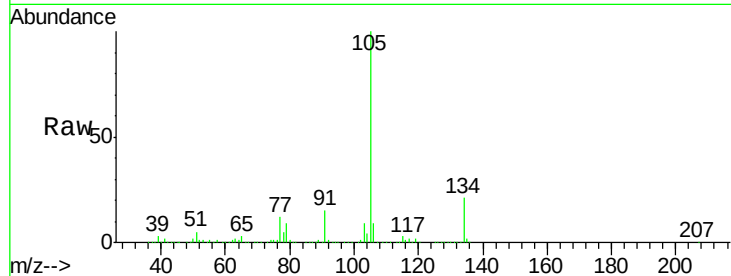
134 21.2 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.23 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

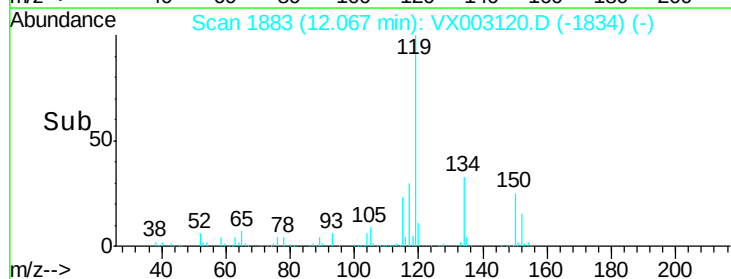
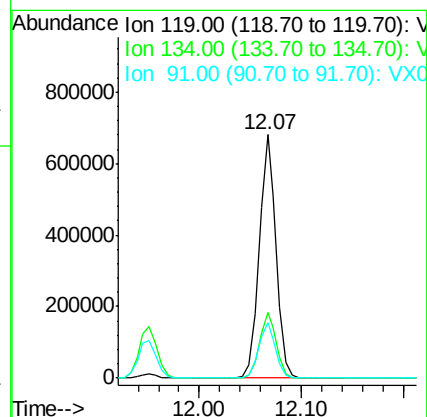
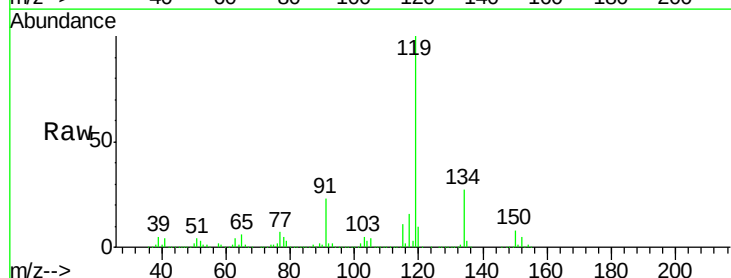
Tgt Ion:119 Resp: 784798

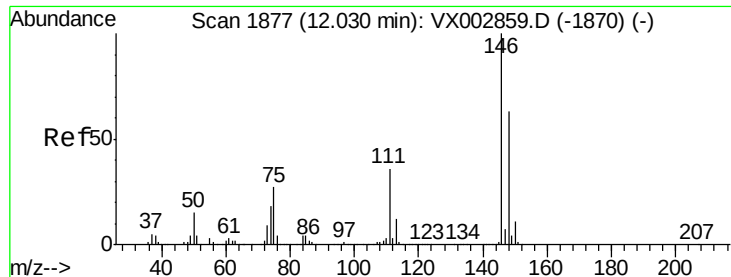
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.9 11.9 35.7





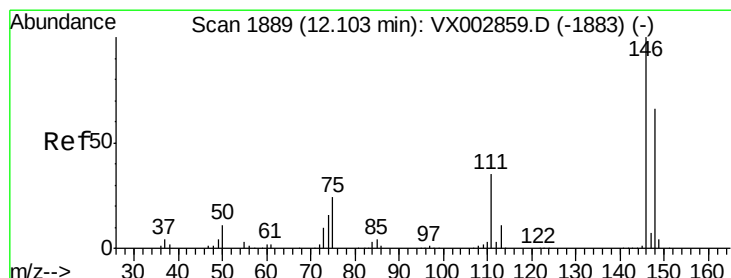
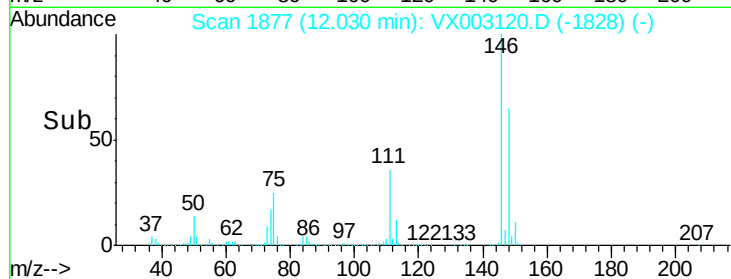
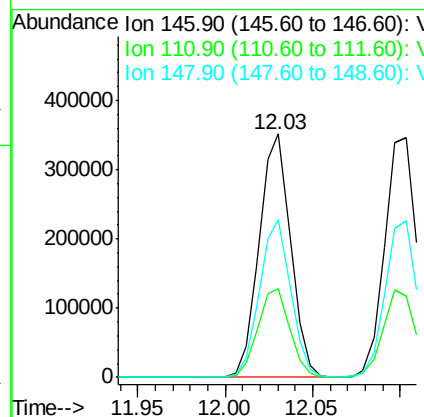
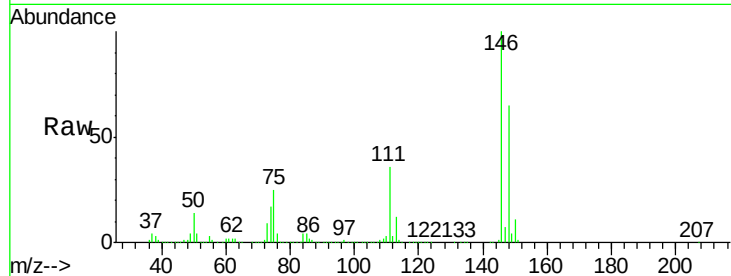
#87
 1,3-Dichlorobenzene
 Concen: 52.98 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	64.1	32.1	96.3

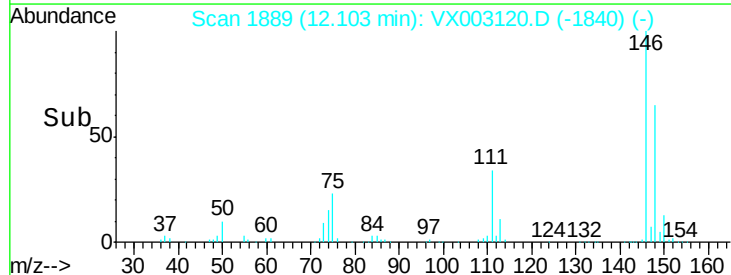
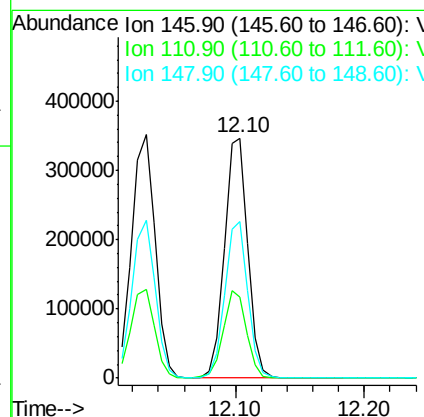
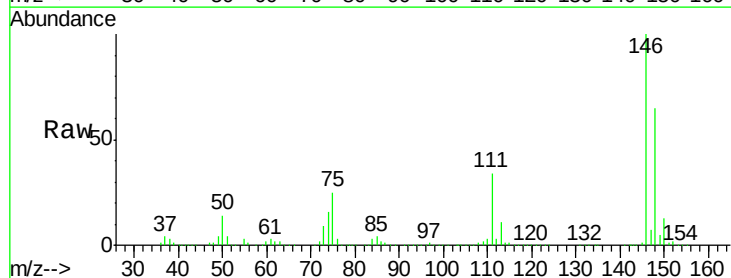
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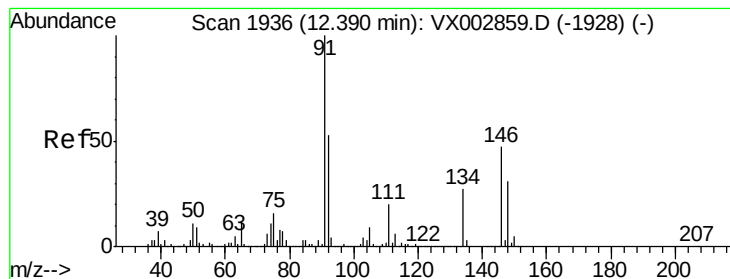
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#88
 1,4-Dichlorobenzene
 Concen: 51.75 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.7	56.1
148	64.6	32.4	97.0





#89

n-Butylbenzene

Concen: 53.39 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

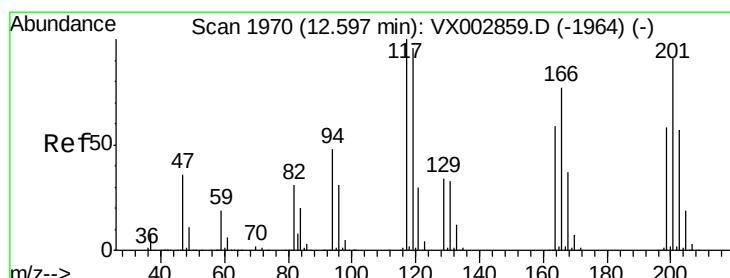
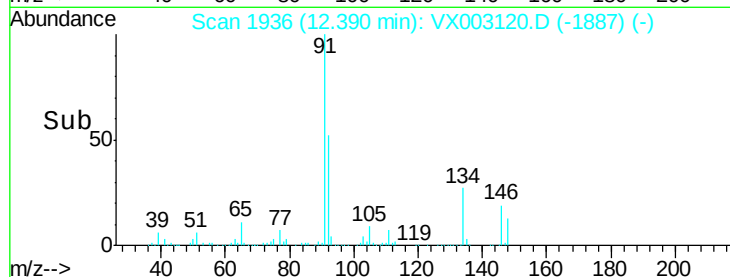
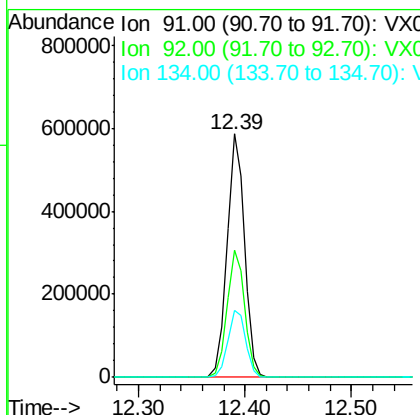
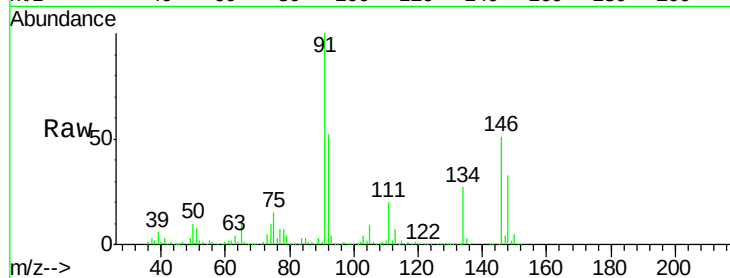
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	672511
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.0	78.0
134	28.2	13.5	40.5

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#90

Hexachloroethane

Concen: 50.38 ug/l

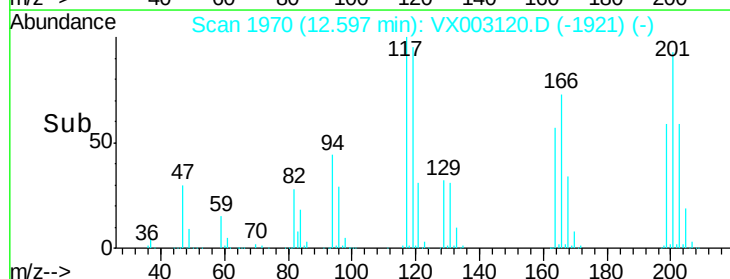
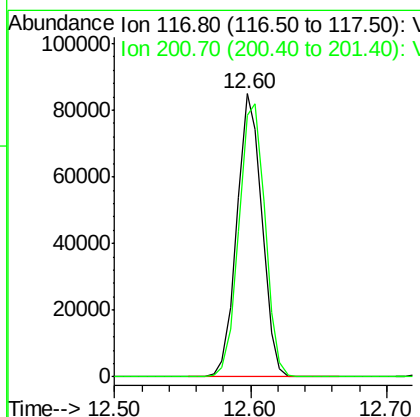
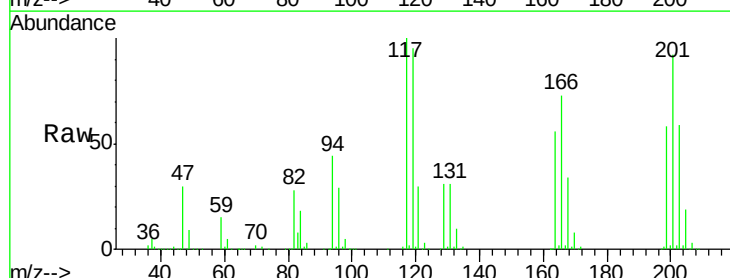
RT: 12.60 min Scan# 1970

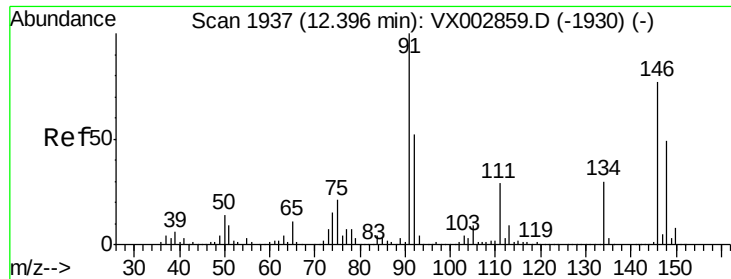
Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion:	117	Resp:	108428
Ion	Ratio	Lower	Upper
117	100		
201	100.7	49.0	147.0





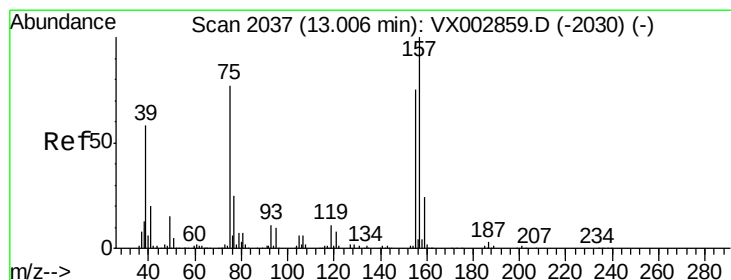
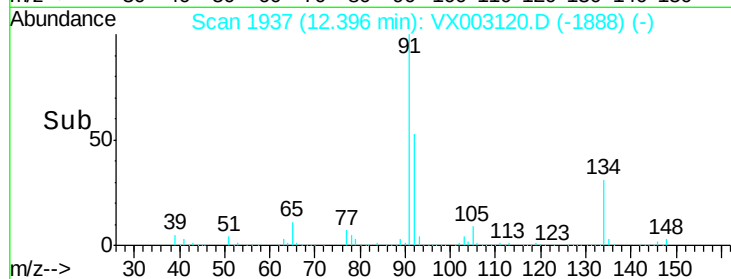
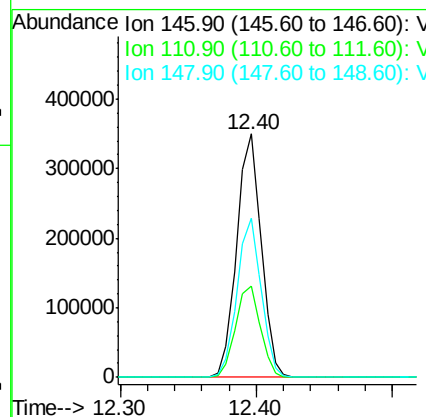
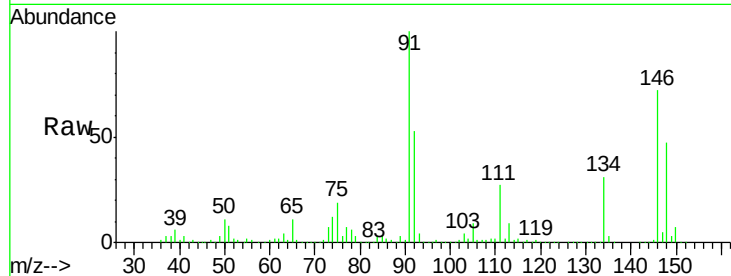
#91
 1,2-Dichlorobenzene
 Concen: 52.33 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.1
148	64.3	31.7	95.1

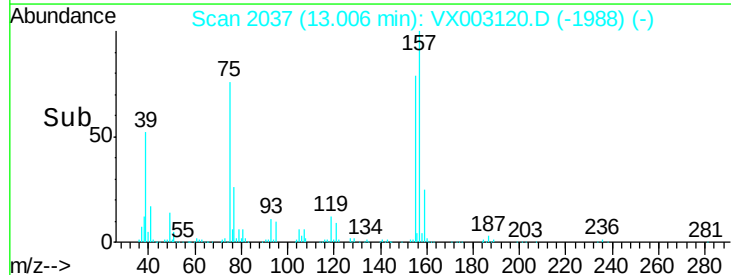
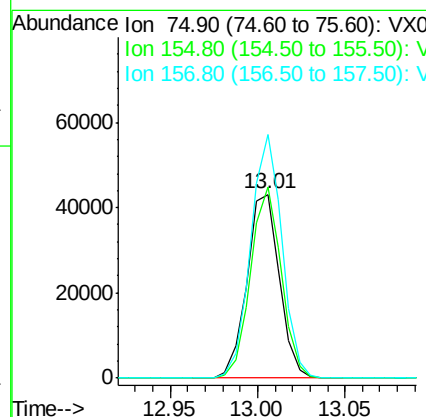
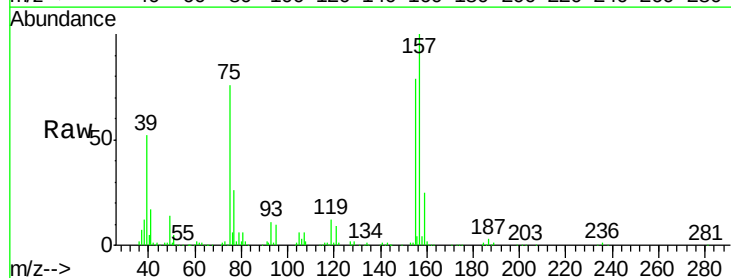
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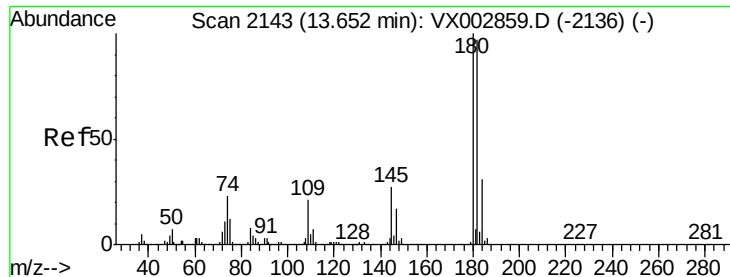
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.19 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	45.8	137.4
157	127.2	60.1	180.3





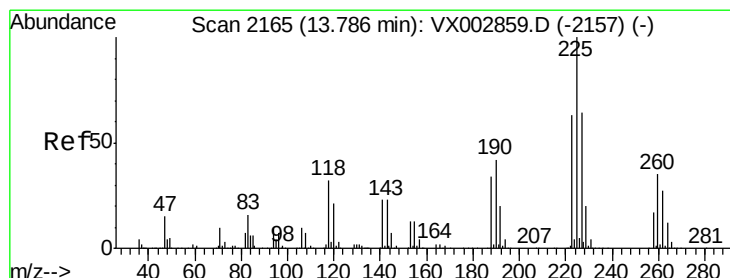
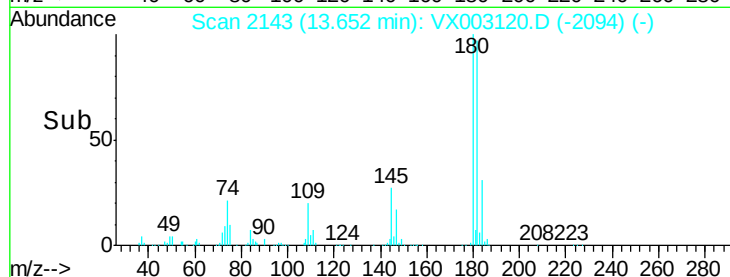
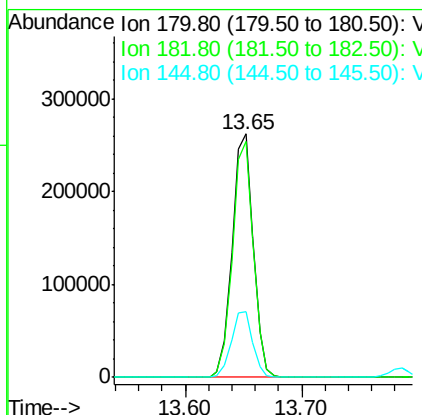
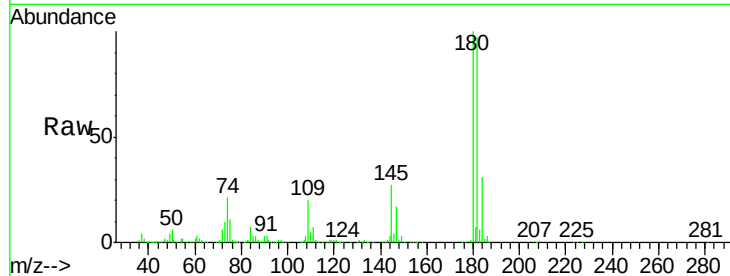
#93
 1,2,4-Trichlorobenzene
 Concen: 54.11 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	330449		
182	96.2	47.7	143.1	
145	27.4	14.1	42.4	

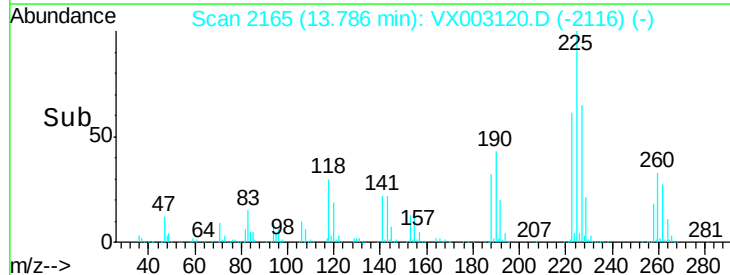
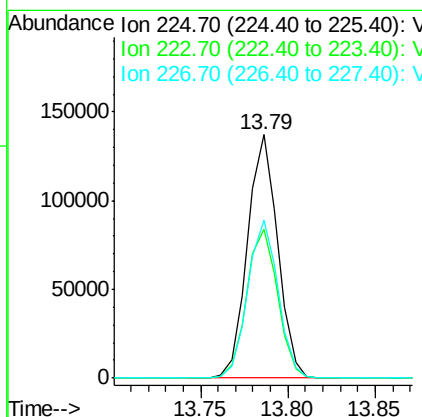
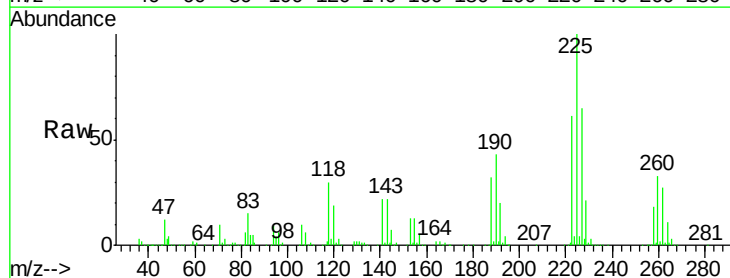
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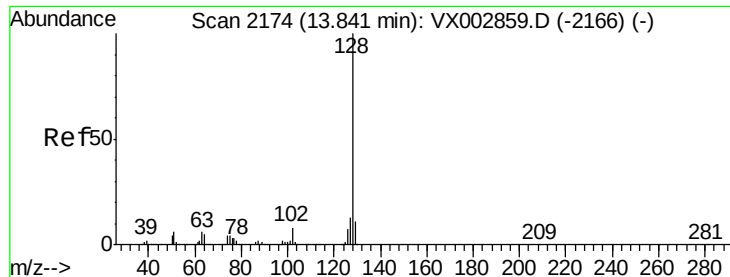
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#94
 Hexachlorobutadiene
 Concen: 53.95 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	164322		
223	62.8	31.6	95.0	
227	64.9	32.4	97.2	





#95

Naphthalene

Concen: 55.59 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

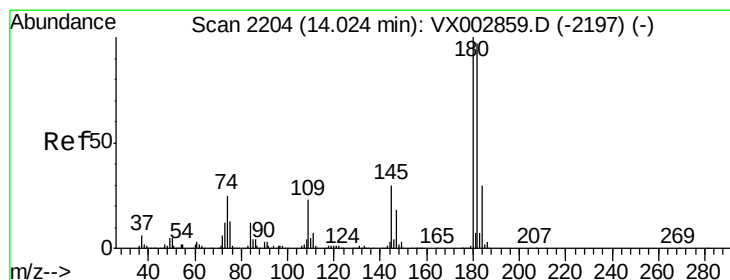
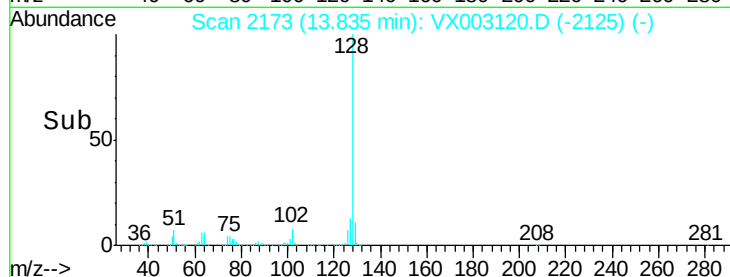
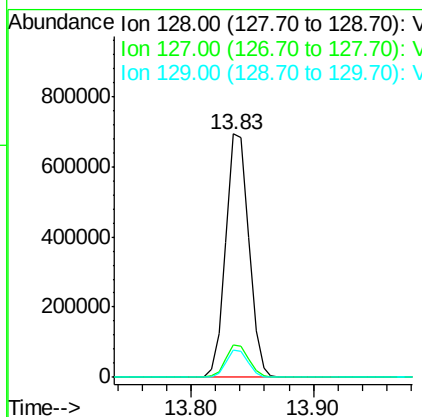
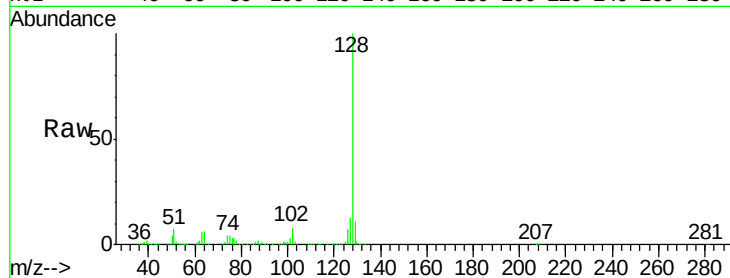
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	904213
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

sam
7/3/2018 3:53:41 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.10 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion:	180	Resp:	329980
Ion Ratio	Lower	Upper	
180	100		
182	96.8	48.0	144.0
145	29.4	14.8	44.3

