

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004214.D
 Acq On : 23 Aug 2018 09:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/24/2018 11:34:56 AM

Quant Time: Aug 24 05:15:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 14:20:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	380562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	538924	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	509249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	303613	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	217710	43.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.78%	
35) Dibromofluoromethane	5.49	113	189671	47.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.62%	
50) Toluene-d8	8.71	98	716834	47.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.74%	
62) 4-Bromofluorobenzene	11.13	95	263808	46.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	222863	50.56	ug/l	98
3) Chloromethane	1.32	50	216586	44.49	ug/l	100
4) Vinyl Chloride	1.40	62	233089	46.75	ug/l	99
5) Bromomethane	1.64	94	118085	47.96	ug/l	100
6) Chloroethane	1.72	64	149581	45.83	ug/l	97
7) Trichlorofluoromethane	1.93	101	321752	47.09	ug/l	99
8) Diethyl Ether	2.19	74	137314	46.93	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	200655	46.88	ug/l	99
10) Methyl Iodide	2.51	142	213585	44.72	ug/l	100
11) Tert butyl alcohol	3.06	59	227611	215.27	ug/l	99
12) 1,1-Dichloroethene	2.37	96	186526	46.27	ug/l	97
13) Acrolein	2.29	56	50808	199.32	ug/l	100
14) Allyl chloride	2.73	41	337221	45.53	ug/l	95
15) Acrylonitrile	3.15	53	548859	209.61	ug/l	100
16) Acetone	2.44	43	473334	233.23	ug/l	99
17) Carbon Disulfide	2.57	76	525434	46.98	ug/l	99
18) Methyl Acetate	2.78	43	324710	44.11	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	629779	47.40	ug/l	100
20) Methylene Chloride	2.85	84	210320	44.05	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	203690	45.65	ug/l	97
22) Diisopropyl ether	3.87	45	646256	46.73	ug/l	99
23) Vinyl Acetate	3.82	43	2638193	235.36	ug/l	99
24) 1,1-Dichloroethane	3.70	63	368716	45.75	ug/l	99
25) 2-Butanone	4.70	43	733090	220.23	ug/l	97
26) 2,2-Dichloropropane	4.58	77	308077	48.73	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	233826	46.20	ug/l	96
28) Bromochloromethane	5.01	49	161567	45.28	ug/l	97
29) Tetrahydrofuran	5.15	42	456492	214.20	ug/l	99
30) Chloroform	5.21	83	371288	45.95	ug/l	99
31) Cyclohexane	5.57	56	335252	48.21	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	320818	47.61	ug/l	100
36) 1,1-Dichloropropene	5.79	75	291845	48.17	ug/l	99
37) Ethyl Acetate	4.85	43	270504	45.40	ug/l	100
38) Carbon Tetrachloride	5.78	117	279670	49.07	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	350494	50.67	ug/l	98
40) Benzene	6.14	78	861321	47.58	ug/l	99
41) Methacrylonitrile	5.06	41	160060	46.34	ug/l	99
42) 1,2-Dichloroethane	6.20	62	289648	46.90	ug/l	100
43) Isopropyl Acetate	6.46	43	441035	48.17	ug/l	99
44) Trichloroethene	7.21	130	237119	47.32	ug/l	92
45) 1,2-Dichloropropane	7.51	63	216483	47.78	ug/l	99
46) Dibromomethane	7.66	93	140878	46.70	ug/l	99
47) Bromodichloromethane	7.90	83	276351	49.23	ug/l	96
48) Methyl methacrylate	7.77	41	237125	48.40	ug/l	98
49) 1,4-Dioxane	7.75	88	103282	928.51	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1452538	218.34	ug/l	99
52) Toluene	8.79	92	557902	49.23	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	318430	51.36	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	349461	51.74	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	216595	47.35	ug/l	99
56) Ethyl methacrylate	9.18	69	324970	52.18	ug/l	100
57) 1,3-Dichloropropane	9.37	76	368054	47.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	821215	257.36	ug/l	100
59) 2-Hexanone	9.49	43	1115142	219.72	ug/l	100
60) Dibromochloromethane	9.59	129	224823	50.44	ug/l	100
61) 1,2-Dibromoethane	9.67	107	228135	48.19	ug/l	99
64) Tetrachloroethene	9.34	164	226359	45.00	ug/l	98
65) Chlorobenzene	10.14	112	620649	48.56	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	216581	49.13	ug/l	98
67) Ethyl Benzene	10.25	91	1064458	51.28	ug/l	99
68) m/p-Xylenes	10.36	106	821239	101.19	ug/l	98
69) o-Xylene	10.70	106	379170	49.39	ug/l	96
70) Styrene	10.71	104	632927	50.92	ug/l	98
71) Bromoform	10.85	173	166991	46.99	ug/l	98
73) Isopropylbenzene	11.02	105	1014311	50.87	ug/l	97
74) N-amyl acetate	10.90	43	391173	50.95	ug/l	# 89
75) 1,1,2,2-Tetrachloroethane	11.27	83	312210	44.74	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	289871m	48.64	ug/l	
77) Bromobenzene	11.26	156	273305	48.86	ug/l	99
78) n-propylbenzene	11.36	91	1177102	51.32	ug/l	99
79) 2-Chlorotoluene	11.42	91	680054	48.17	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	844636	51.15	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	98379	51.69	ug/l	98
82) 4-Chlorotoluene	11.51	91	806236	48.54	ug/l	99
83) tert-Butylbenzene	11.77	119	867157	52.19	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	904683	53.37	ug/l	100
85) sec-Butylbenzene	11.94	105	1028621	52.15	ug/l	97
86) p-Isopropyltoluene	12.07	119	955806	54.07	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	509766	48.40	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	526718	47.56	ug/l	100
89) n-Butylbenzene	12.39	91	857486	59.65	ug/l	99
90) Hexachloroethane	12.60	117	139977	56.65	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	517026	53.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61524	50.06	ug/l	99

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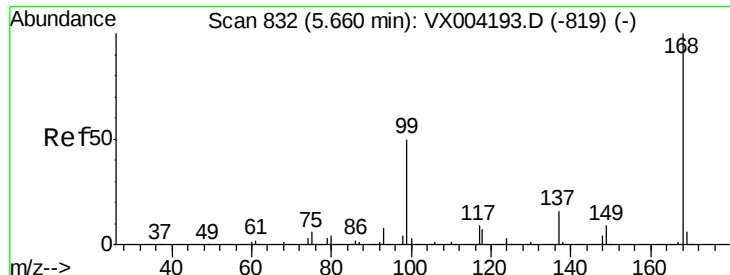
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	363288	51.87	ug/l	98
94) Hexachlorobutadiene	13.79	225	170498	52.34	ug/l	99
95) Naphthalene	13.83	128	1080673	54.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	378943	51.11	ug/l	99

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



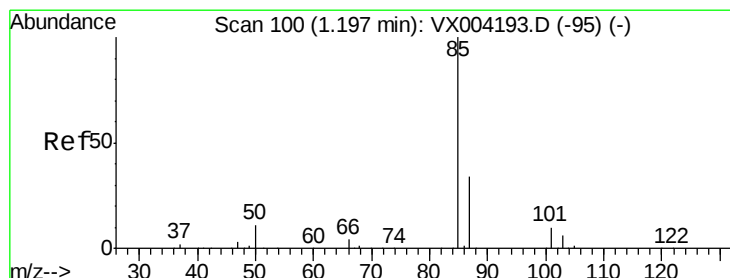
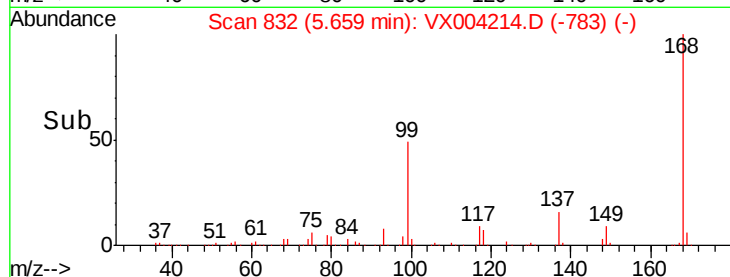
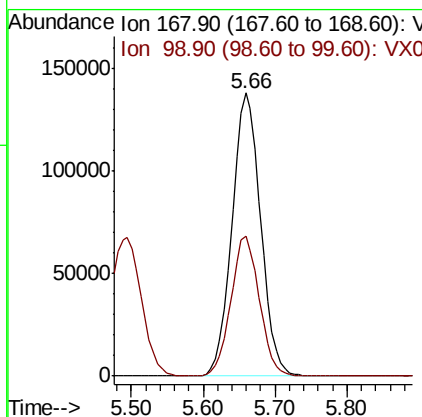
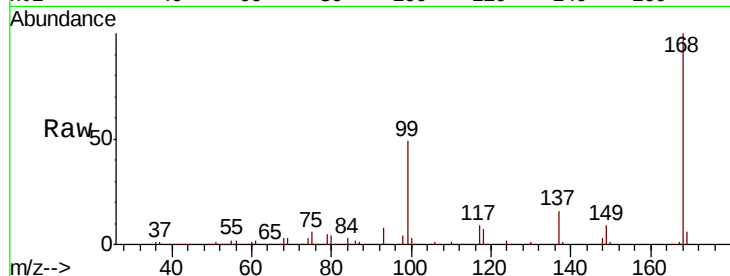
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.2	40.1	60.1

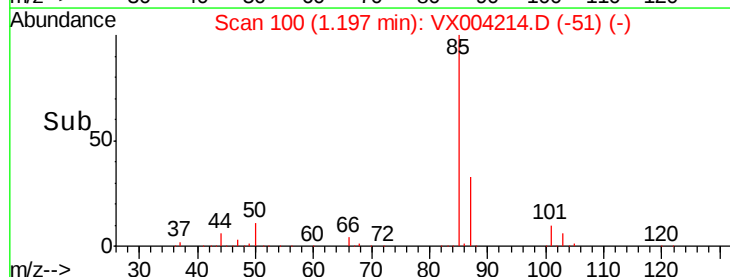
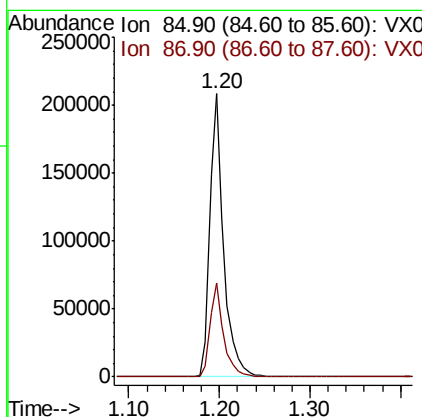
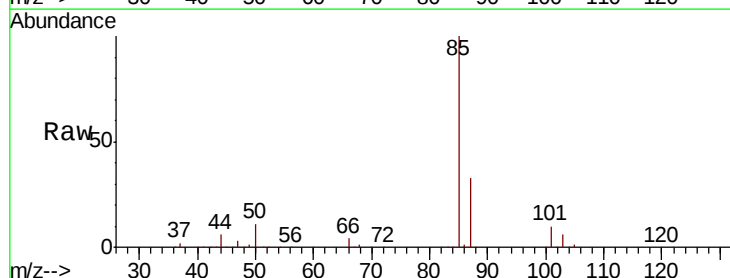
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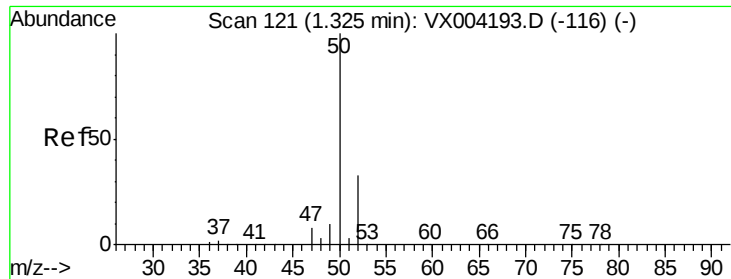
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#2
Dichlorodifluoromethane
Concen: 50.56 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.0	48.0





#3

Chloromethane

Concen: 44.49 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 216586

Ion Ratio Lower Upper

50 100

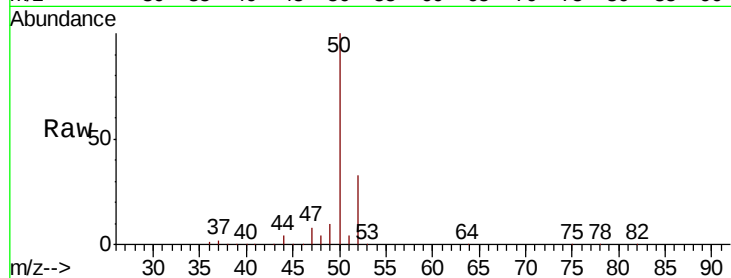
52 33.2 26.6 39.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

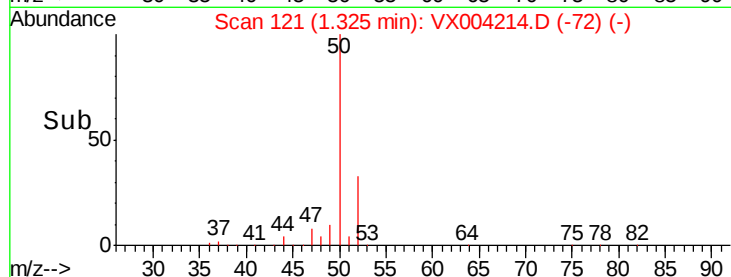
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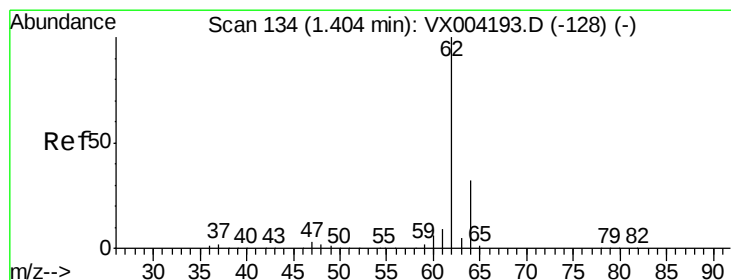
50000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 46.75 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004214.D

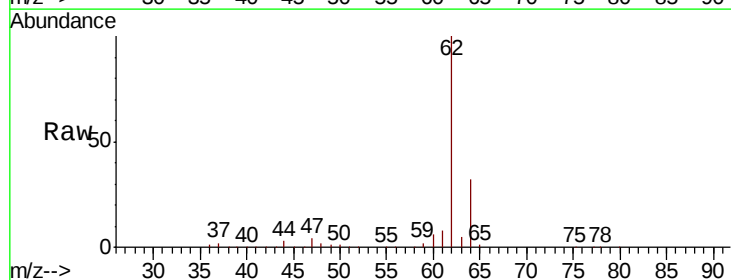
Acq: 23 Aug 2018 09:13

Tgt Ion: 62 Resp: 233089

Ion Ratio Lower Upper

62 100

64 31.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

250000

200000

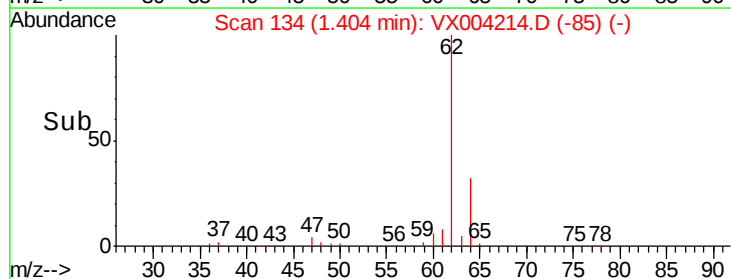
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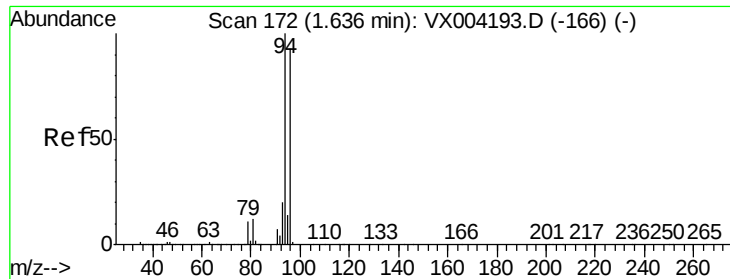
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.96 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 118085

Ion Ratio Lower Upper

94 100

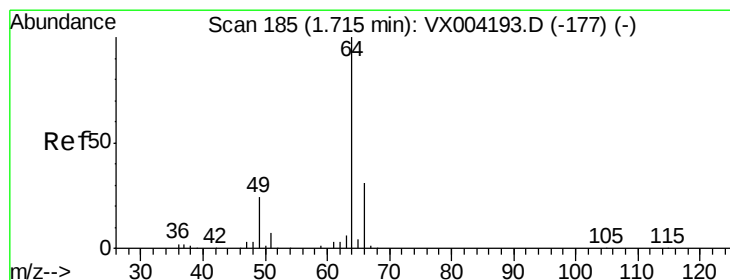
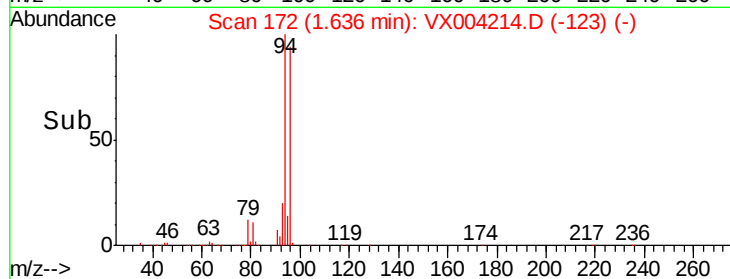
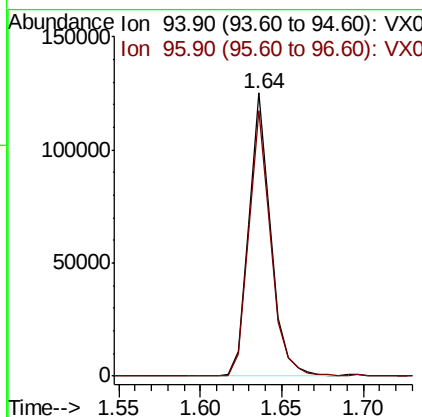
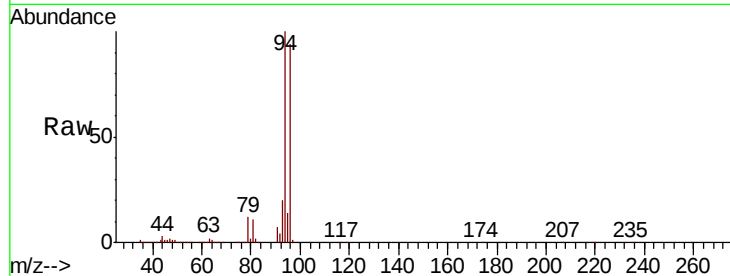
96 93.9 75.2 112.8

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#6

Chloroethane

Concen: 45.83 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004214.D

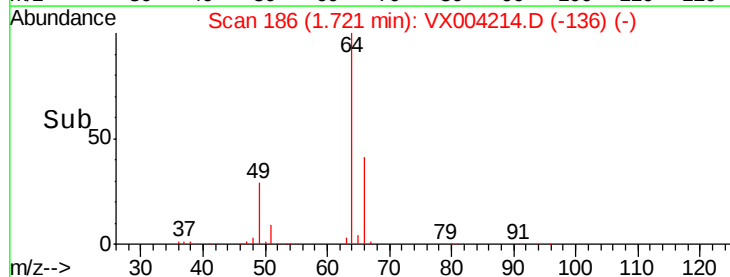
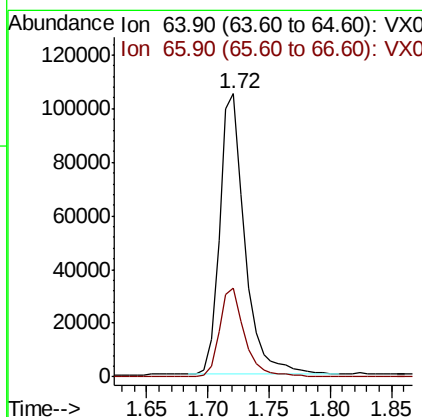
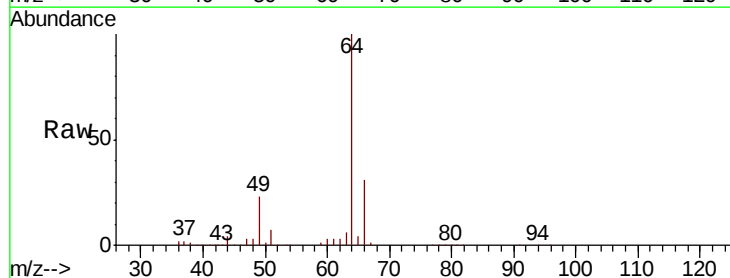
Acq: 23 Aug 2018 09:13

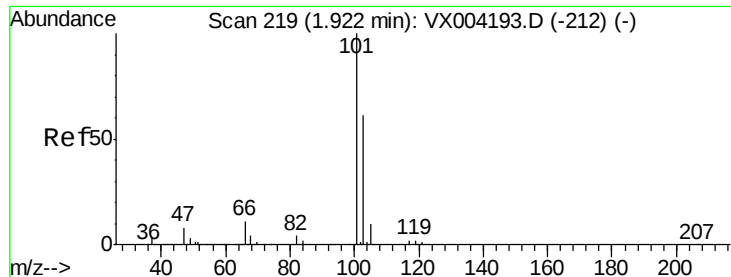
Tgt Ion: 64 Resp: 149581

Ion Ratio Lower Upper

64 100

66 31.4 26.5 39.7





#7

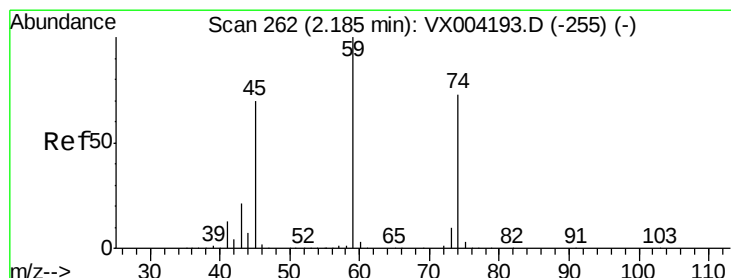
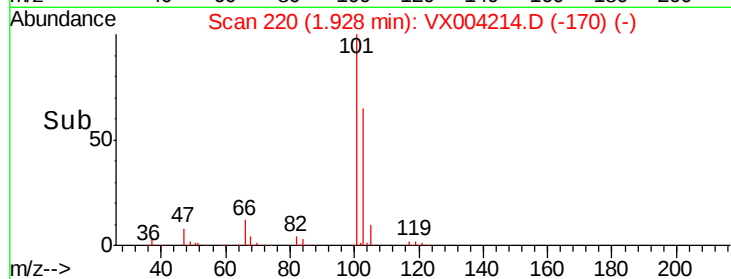
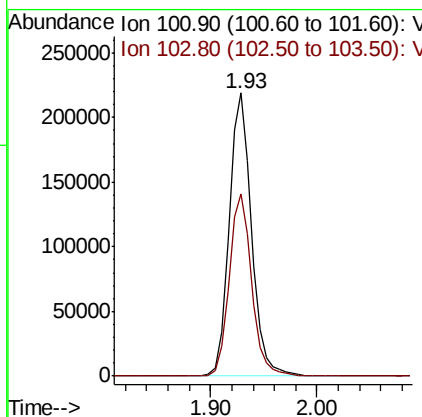
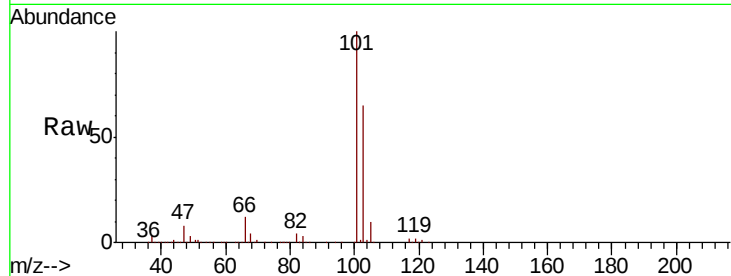
Trichlorofluoromethane
 Concen: 47.09 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.3	78.5

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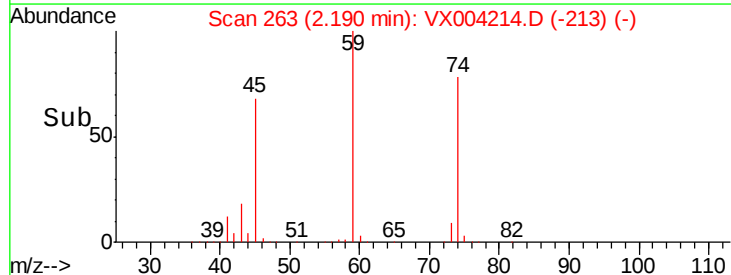
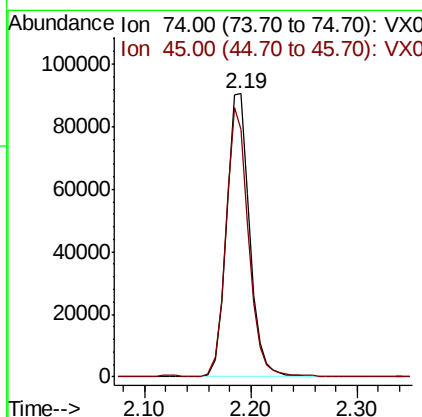
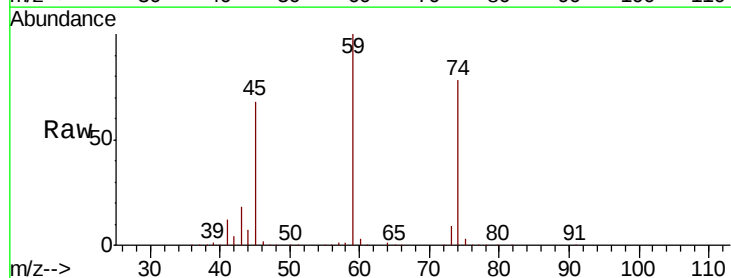
MMDadoda
 8/24/2018 11:34:56 AM

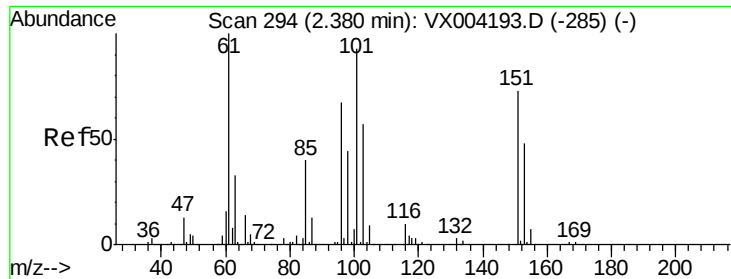


#8

Diethyl Ether
 Concen: 46.93 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.88 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

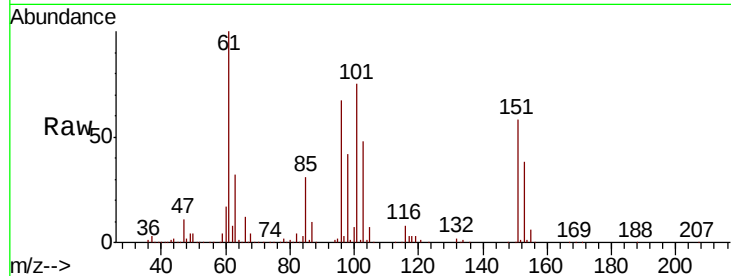
ClientSampleId :

VSTDCCC050

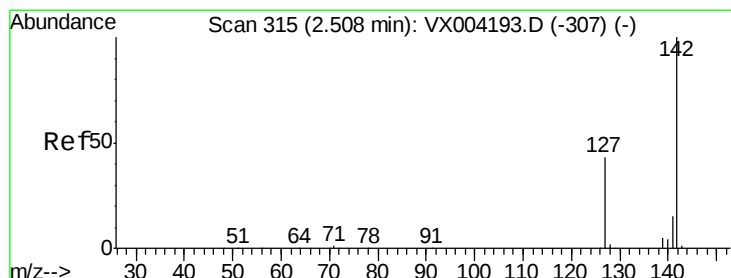
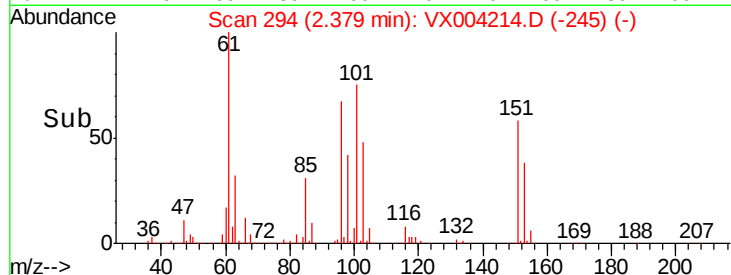
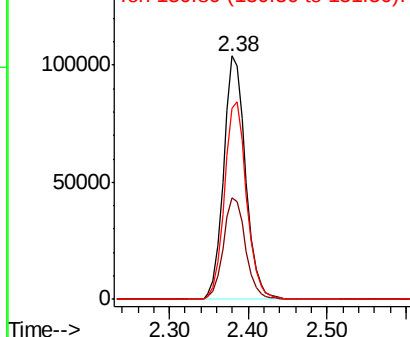
Tot Ion:	101	Resp:	200655
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.4
151	81.9	65.0	97.4

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.72 ug/l

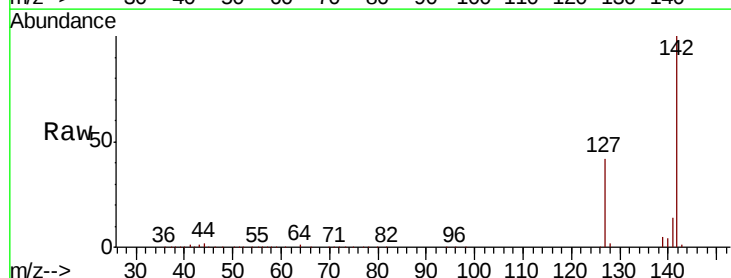
RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

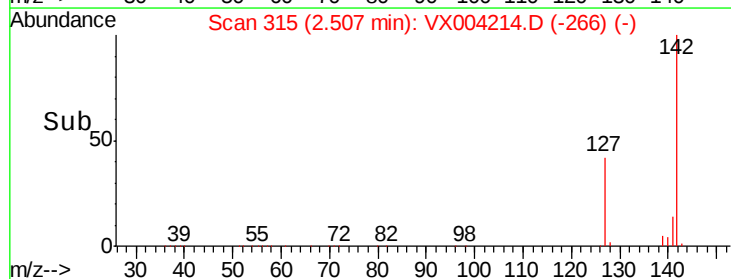
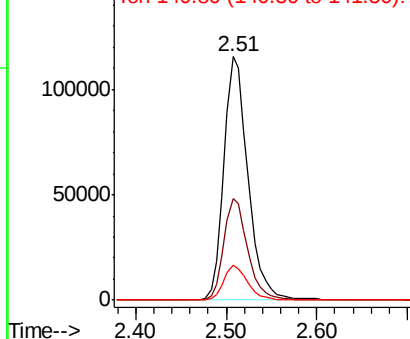
Lab File: VX004214.D

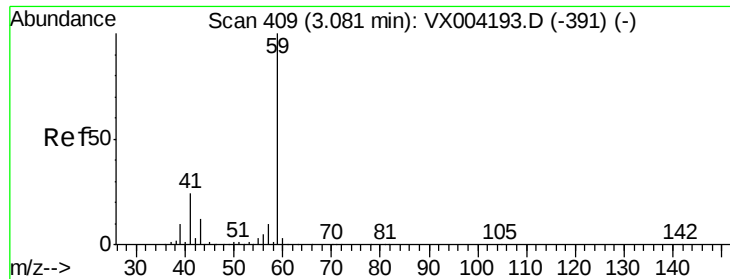
Acq: 23 Aug 2018 09:13

Tgt Ion:	142	Resp:	213585
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.1	49.7
141	14.1	11.1	16.7



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





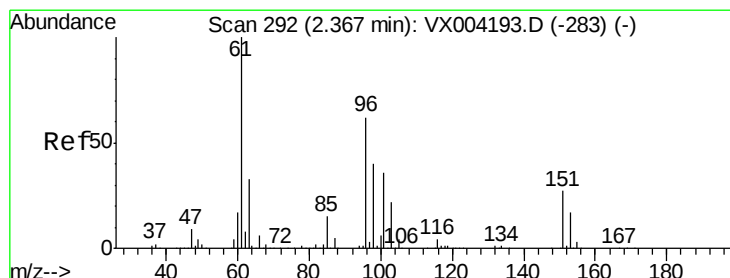
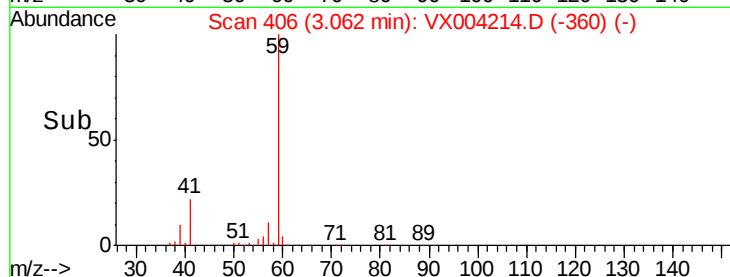
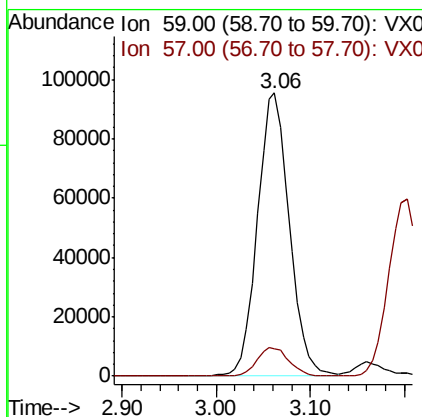
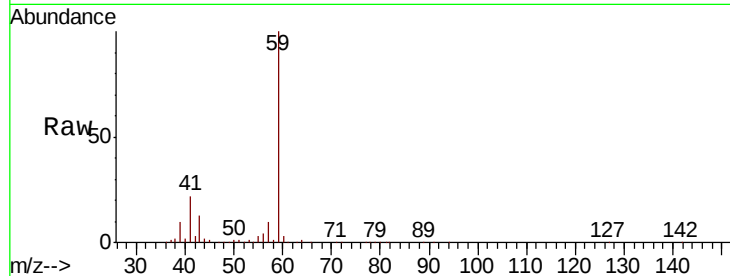
#11
Tert butyl alcohol
Concen: 215.27 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

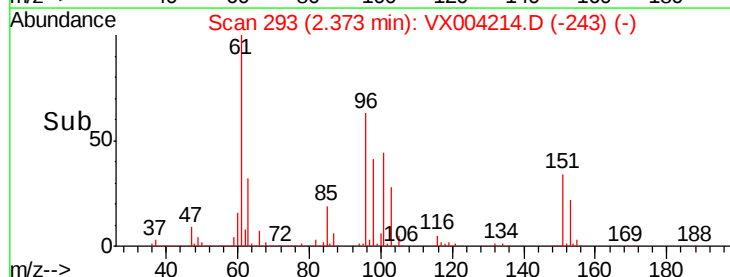
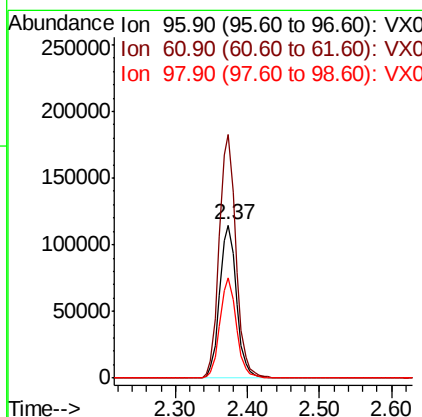
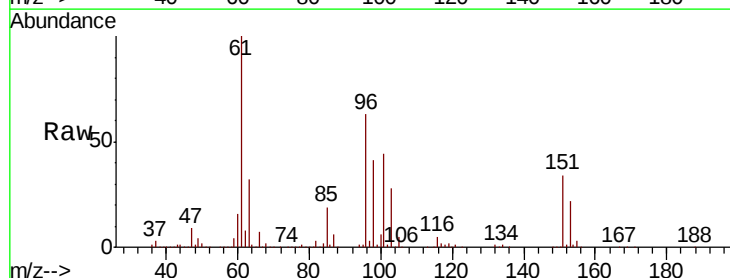
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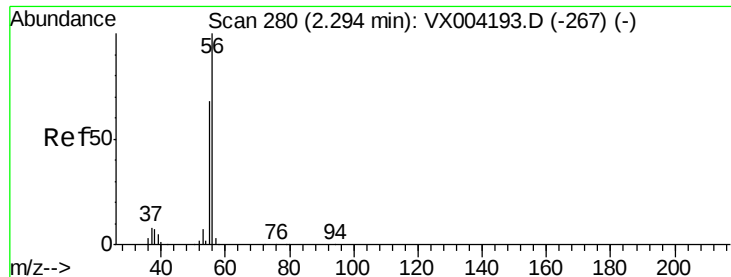
MMDadoda
8/24/2018 11:34:56 AM



#12
1,1-Dichloroethene
Concen: 46.27 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.0	131.3	196.9
98	65.4	51.8	77.6





#13

Acrolein

Concen: 199.32 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 50808

Ion Ratio Lower Upper

56 100

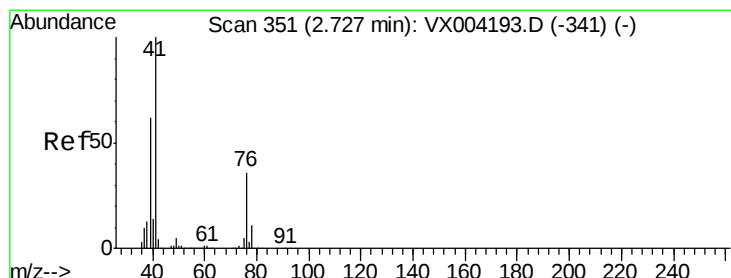
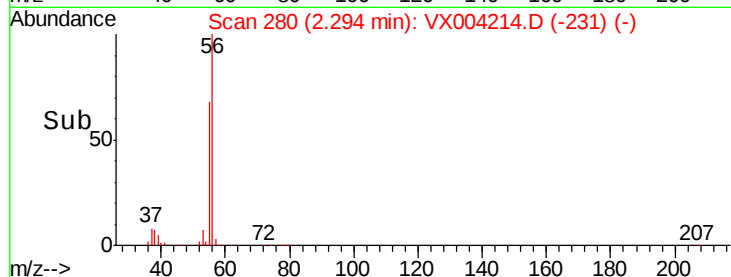
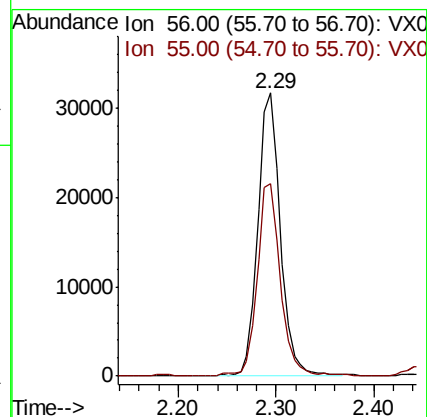
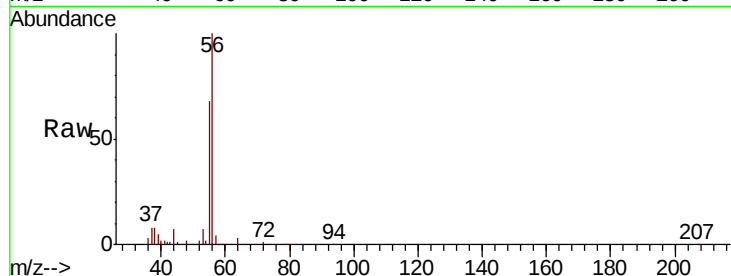
55 70.3 56.1 84.1

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#14

Allyl chloride

Concen: 45.53 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

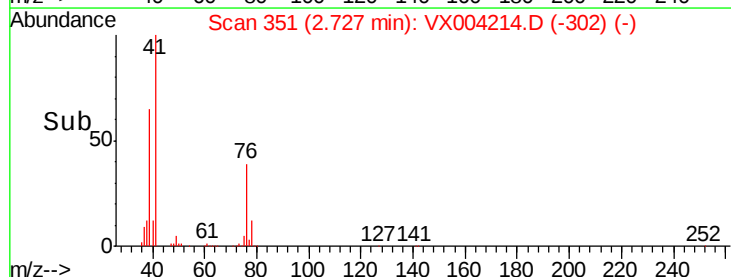
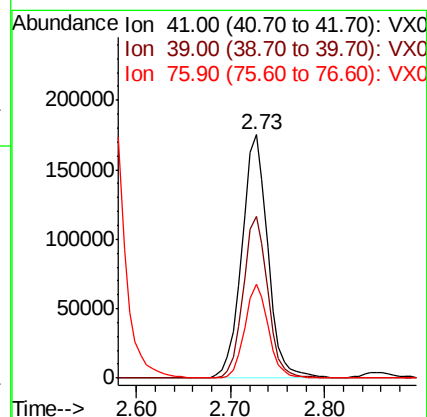
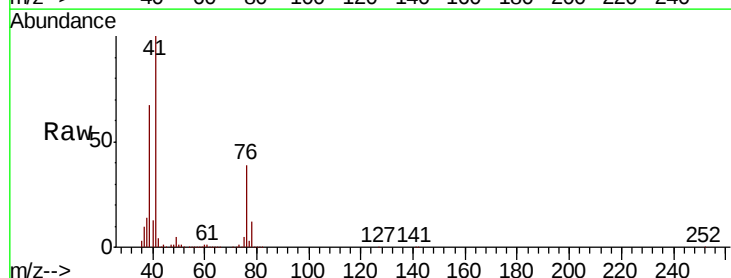
Tgt Ion: 41 Resp: 337221

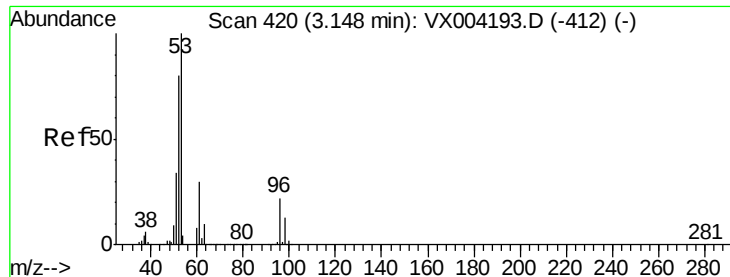
Ion Ratio Lower Upper

41 100

39 62.7 47.4 71.0

76 35.2 26.0 39.0





#15

Acrylonitrile

Concen: 209.61 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

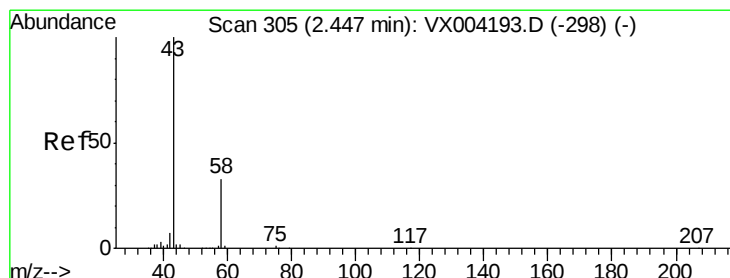
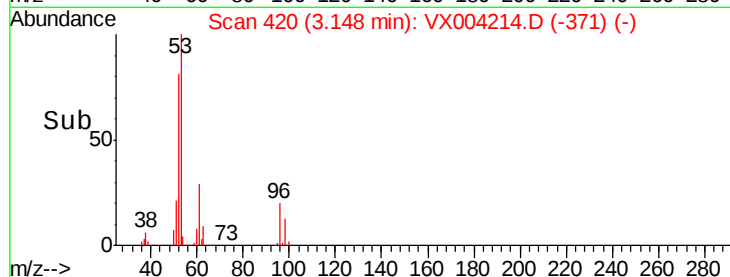
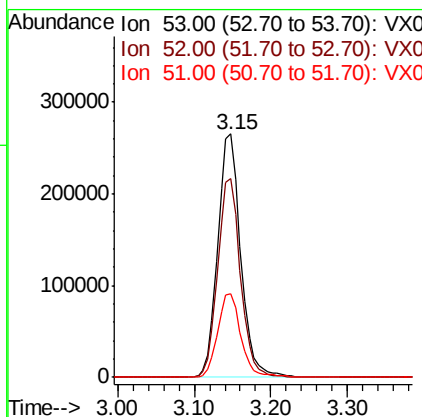
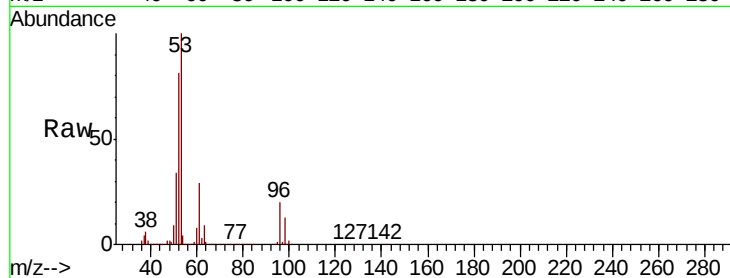
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	548859
Ion Ratio		Lower	Upper
53	100		
52	81.5	65.3	97.9
51	35.0	27.9	41.9

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#16

Acetone

Concen: 233.23 ug/l

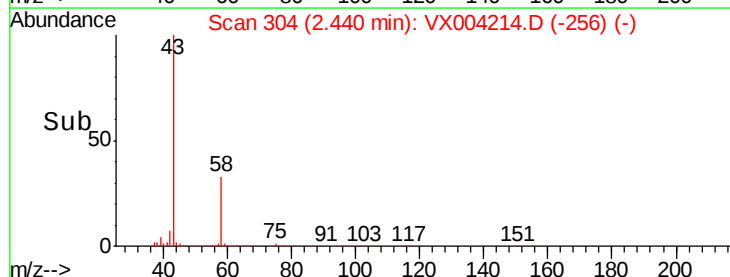
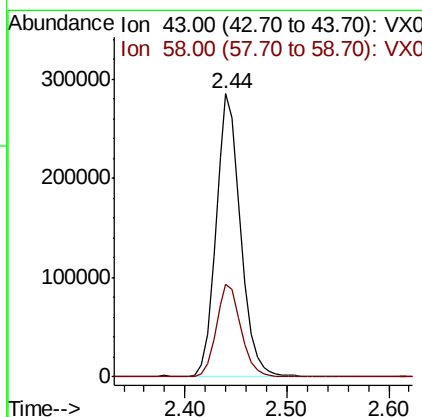
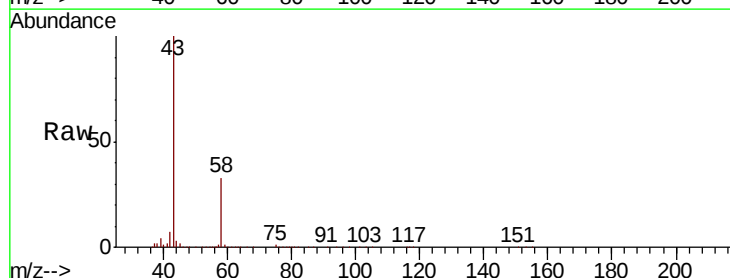
RT: 2.44 min Scan# 304

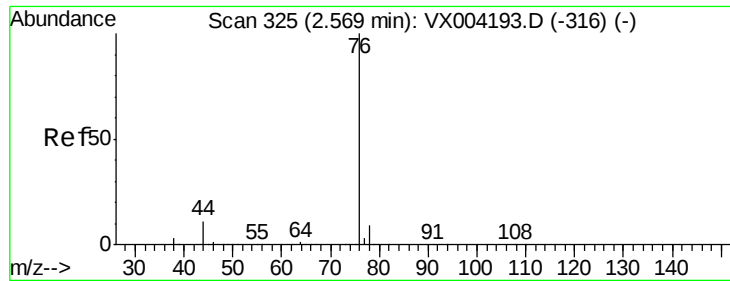
Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Tgt Ion:	43	Resp:	473334
Ion Ratio		Lower	Upper
43	100		
58	32.7	26.4	39.6





#17

Carbon Disulfide

Concen: 46.98 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 525434

Ion Ratio Lower Upper

76 100

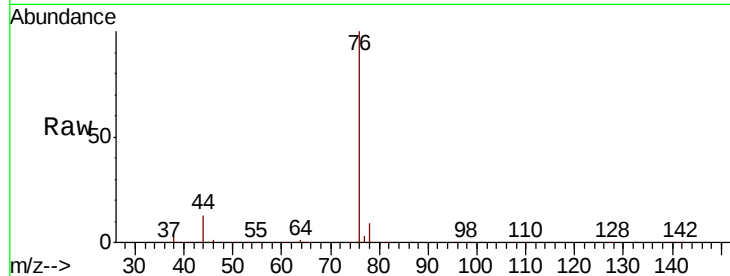
78 8.9 7.5 11.3

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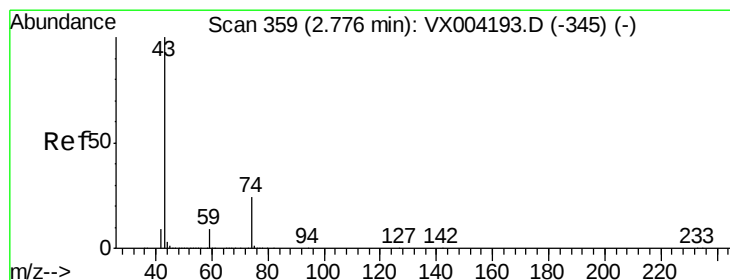
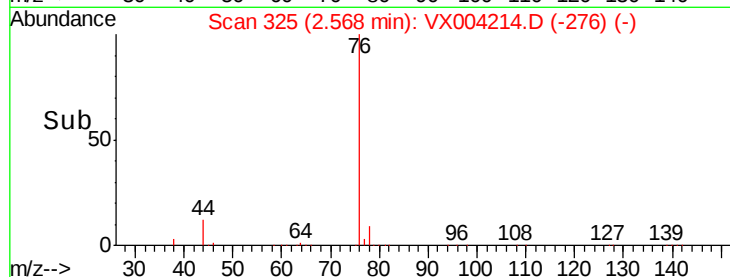
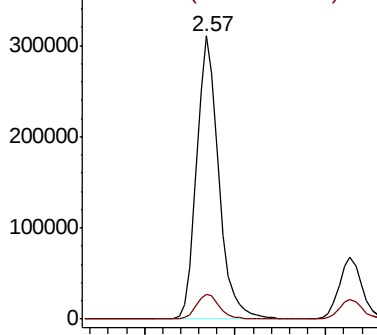
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.11 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.00 min

Lab File: VX004214.D

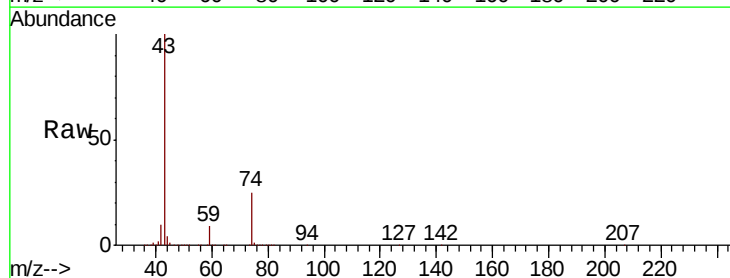
Acq: 23 Aug 2018 09:13

Tgt Ion: 43 Resp: 324710

Ion Ratio Lower Upper

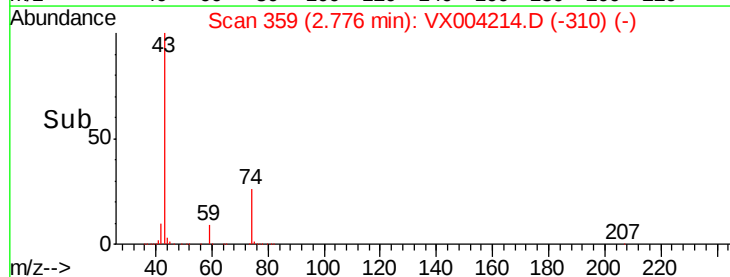
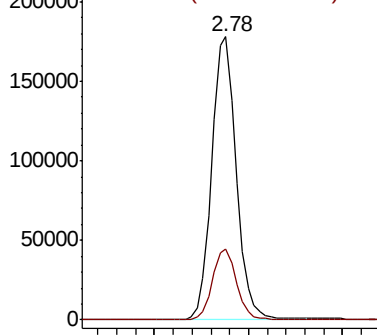
43 100

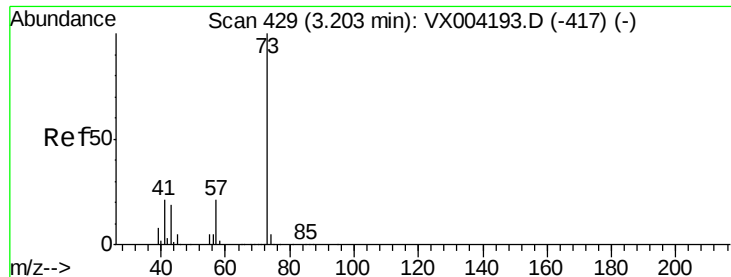
74 24.9 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

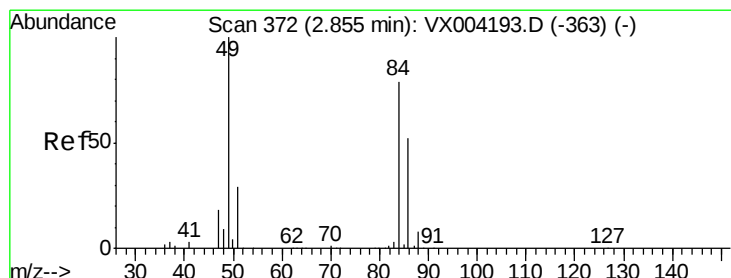
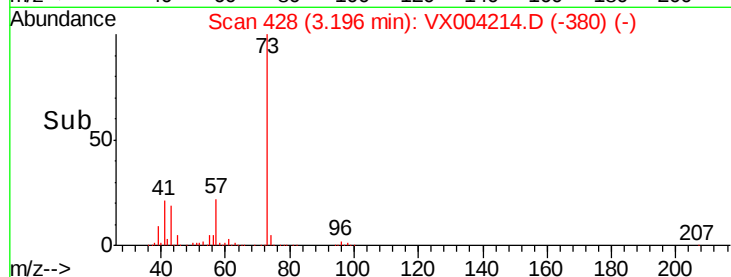
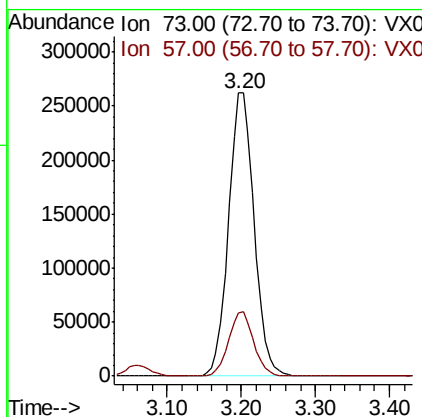
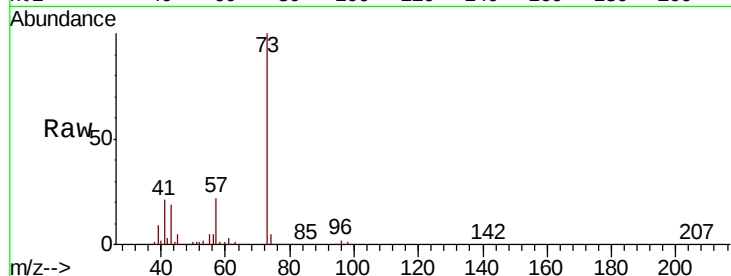
Methyl tert-butyl Ether
 Concen: 47.40 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.0	27.0

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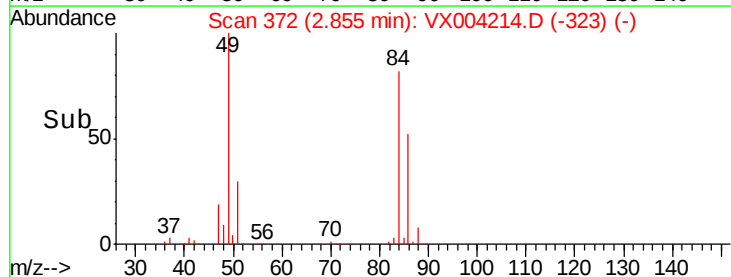
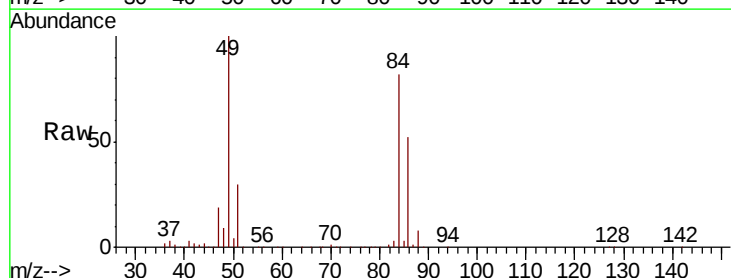
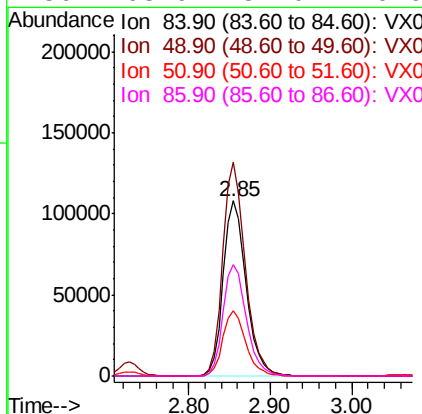
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 8/24/2018 11:34:56 AM

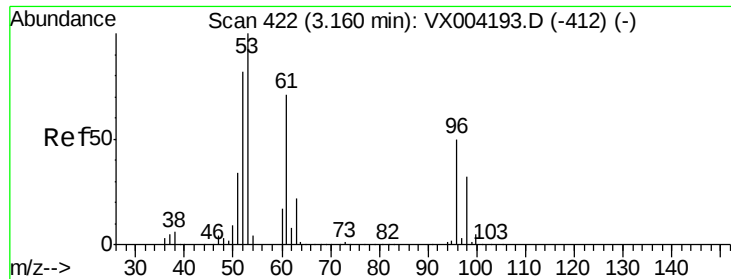


#20

Methylene Chloride
 Concen: 44.05 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.9	98.9	148.3
51	37.0	29.9	44.9
86	63.9	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 45.65 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

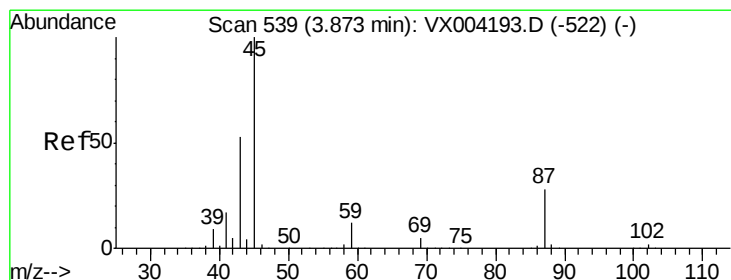
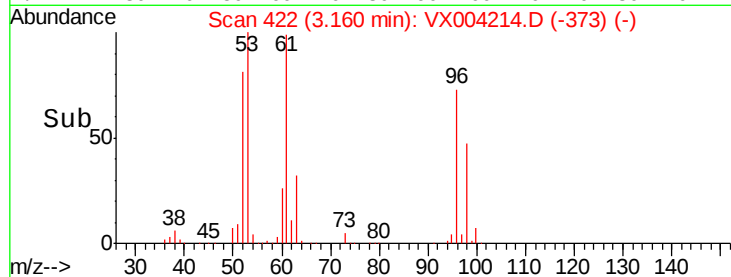
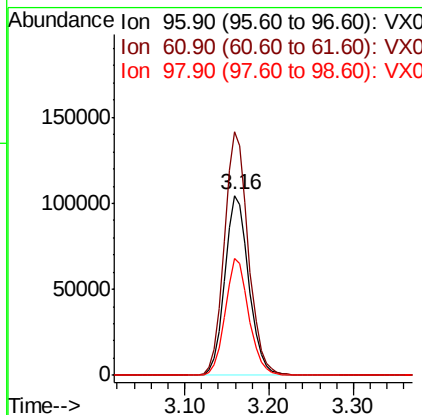
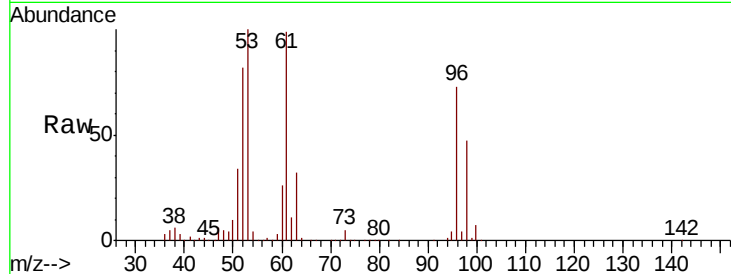
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	203690
Ion	Ratio	Lower	Upper
96	100		
61	135.4	111.8	167.6
98	65.0	51.8	77.6

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#22

Diisopropyl ether

Concen: 46.73 ug/l

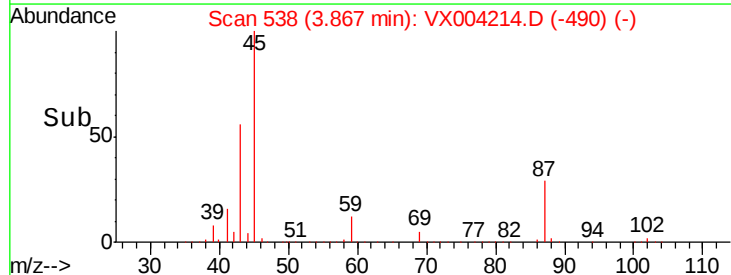
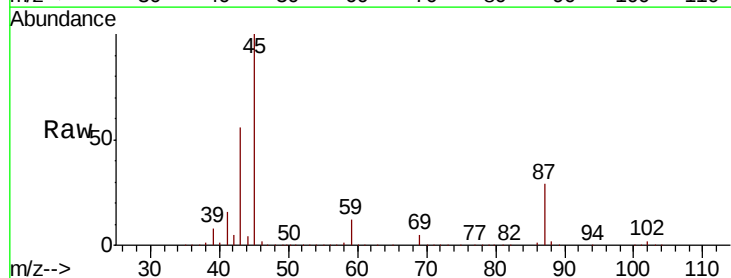
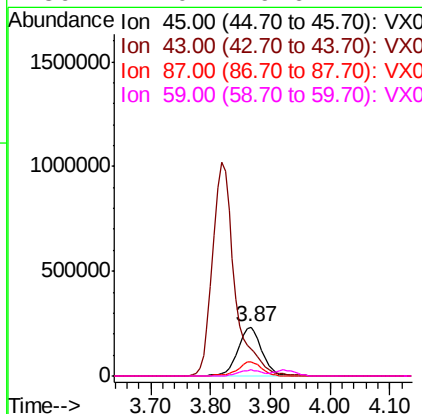
RT: 3.87 min Scan# 538

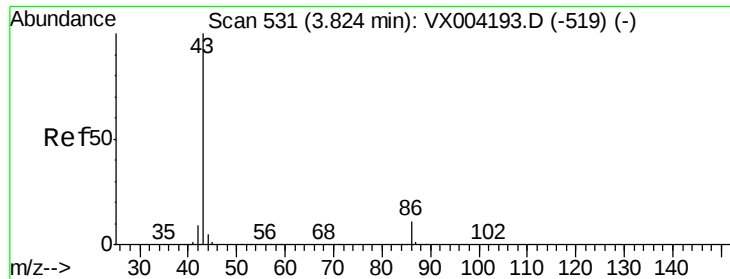
Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Tgt Ion:	45	Resp:	646256
Ion	Ratio	Lower	Upper
45	100		
43	55.4	45.3	67.9
87	28.7	22.7	34.1
59	12.0	9.6	14.4





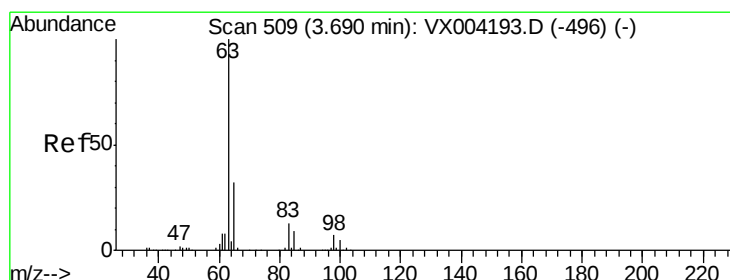
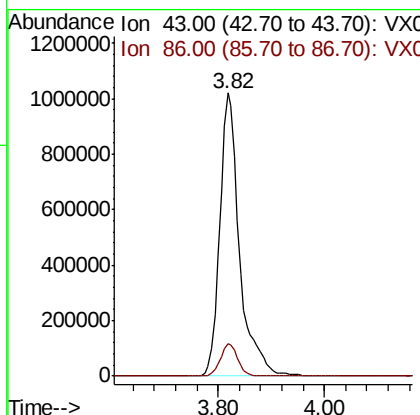
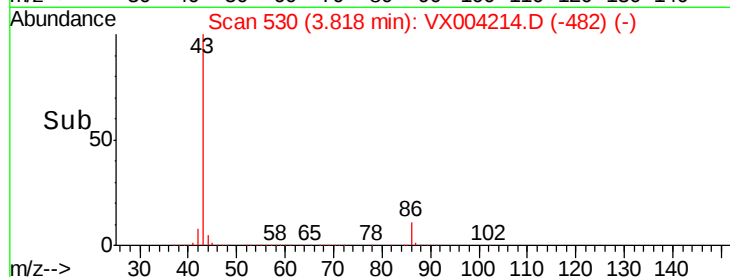
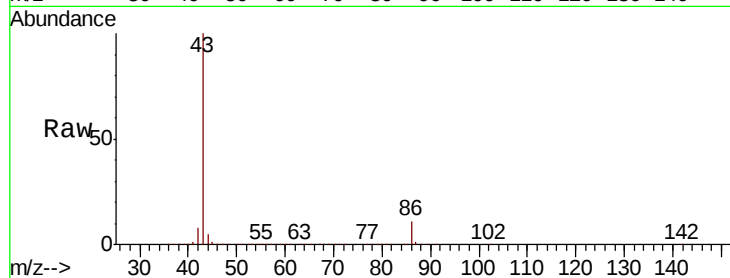
#23
 Vinyl Acetate
 Concen: 235.36 ug/l
 RT: 3.82 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion: 43 Resp: 2638193
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.9 13.3

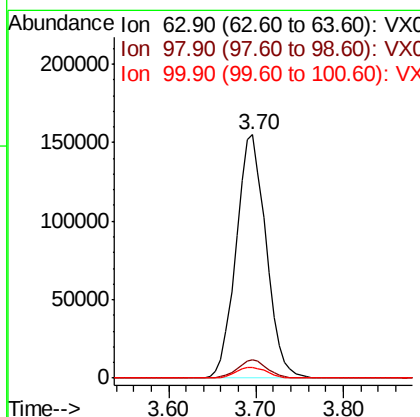
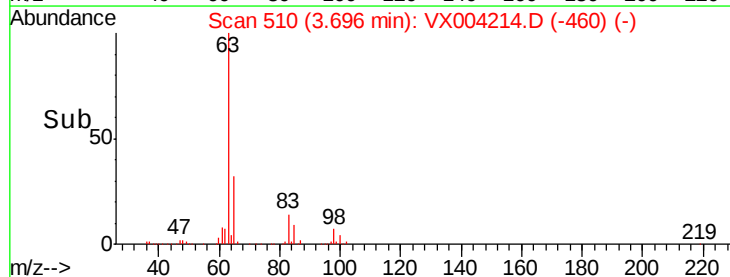
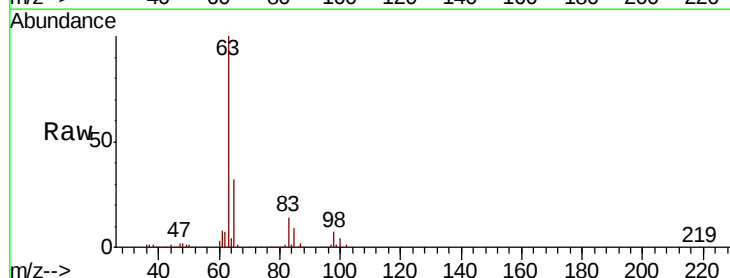
Manual Integrations
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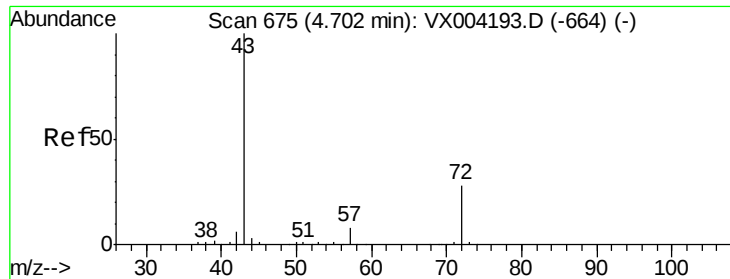
MMDadoda
 8/24/2018 11:34:56 AM



#24
 1,1-Dichloroethane
 Concen: 45.75 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion: 63 Resp: 368716
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 220.23 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Tot Ion: 43 Resp: 733090

Ion Ratio Lower Upper

43 100

72 28.2 21.4 32.0

Instrument :

MSVOA_X

ClientSampleId :

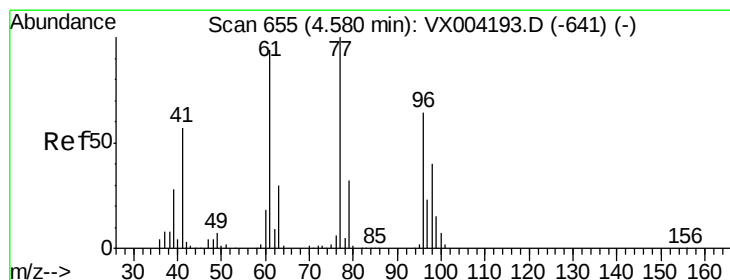
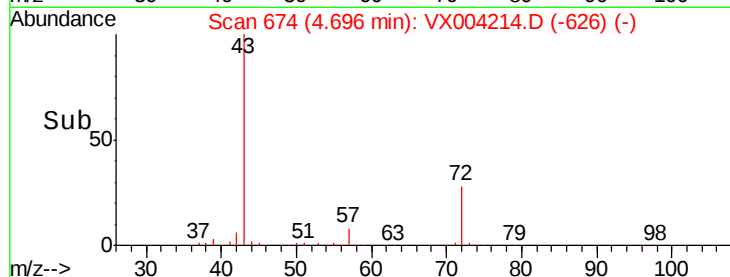
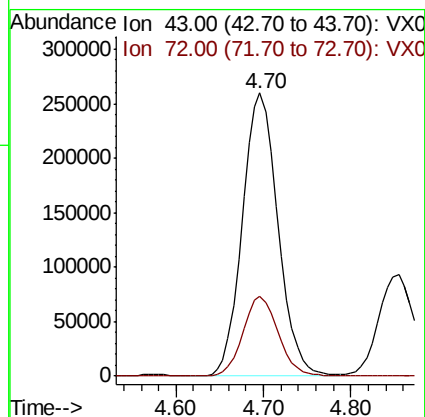
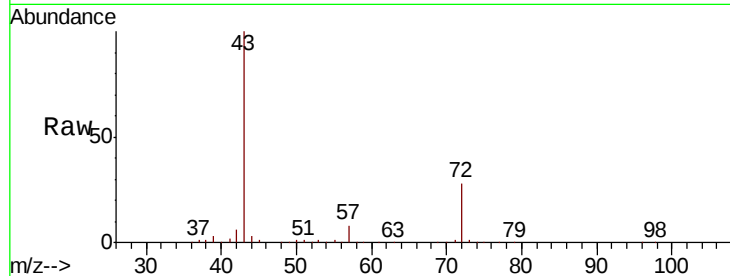
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.73 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004214.D

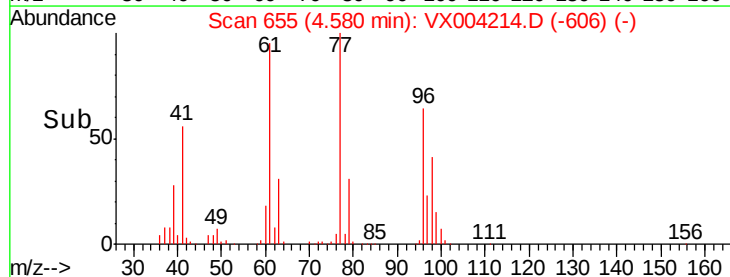
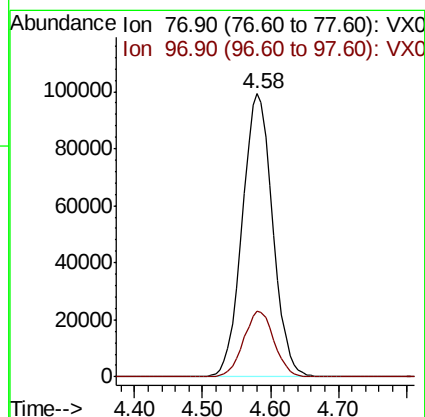
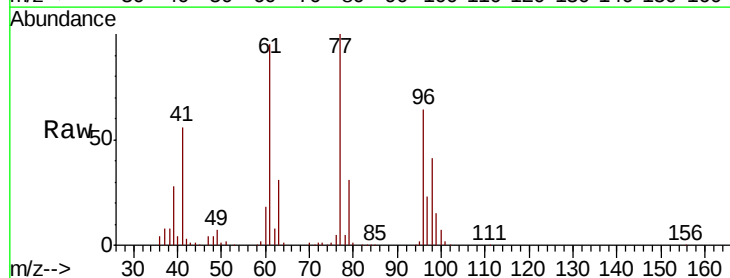
Acq: 23 Aug 2018 09:13

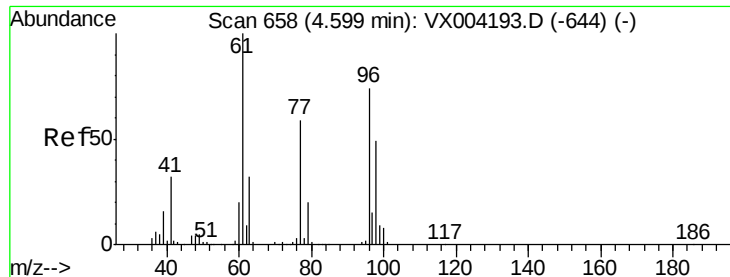
Tgt Ion: 77 Resp: 308077

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.9





#27

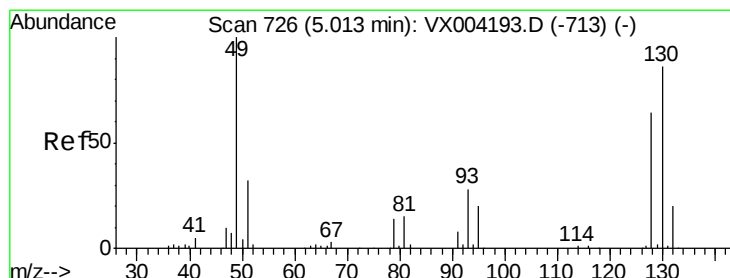
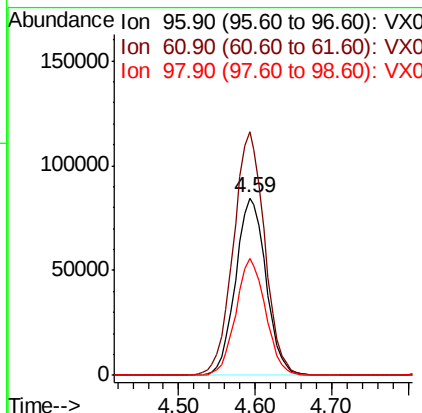
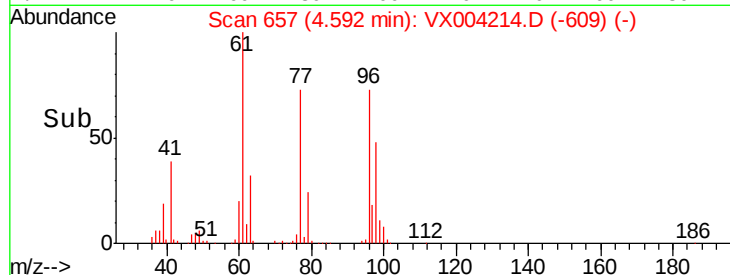
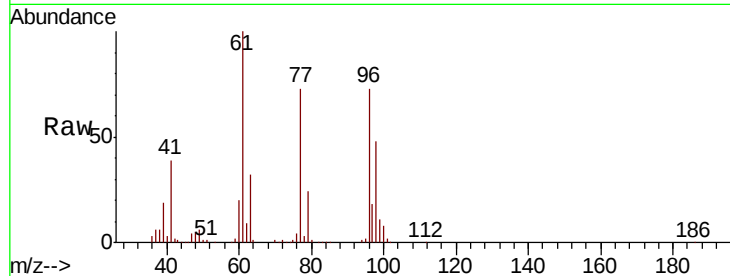
cis-1,2-Dichloroethene
Concen: 46.20 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	233826		
61	140.7	0.0	293.0	
98	64.5	0.0	131.8	

Manual Integrations
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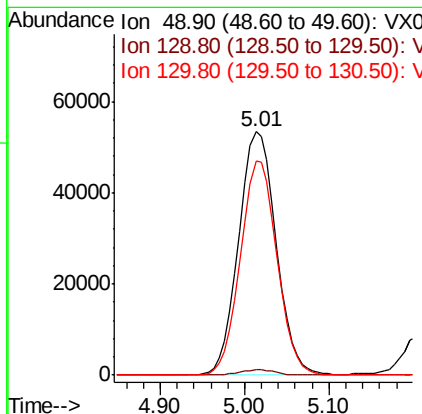
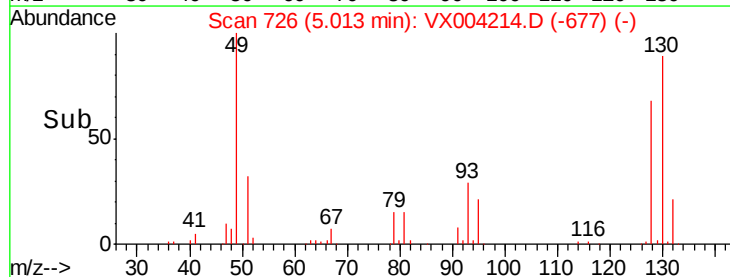
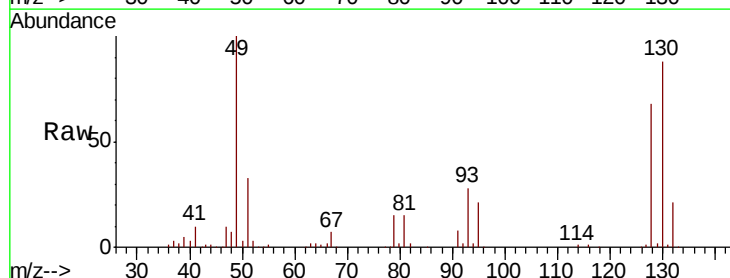
MMDadoda
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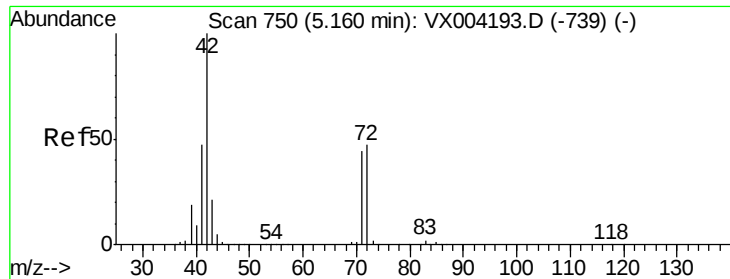


#28

Bromochloromethane
Concen: 45.28 ug/l
RT: 5.01 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	161567		
129	2.1	0.0	4.2	
130	85.9	66.5	99.7	





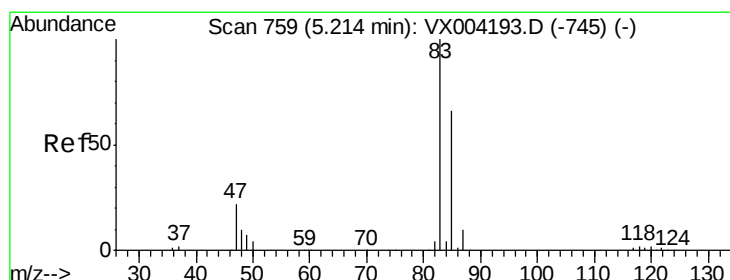
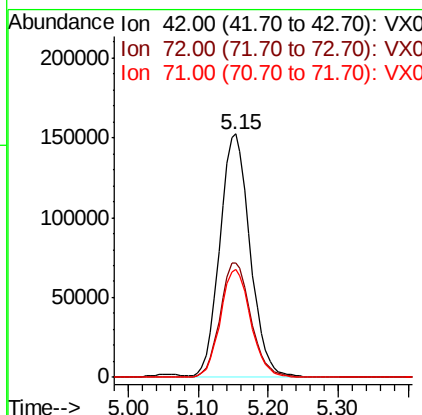
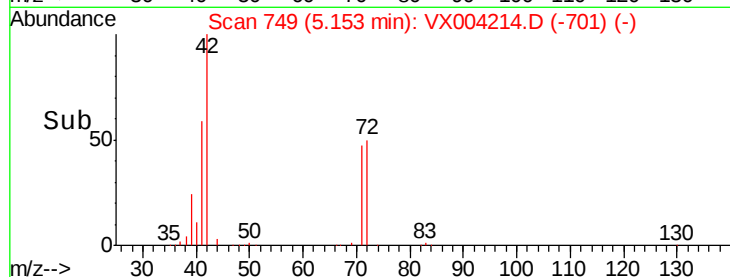
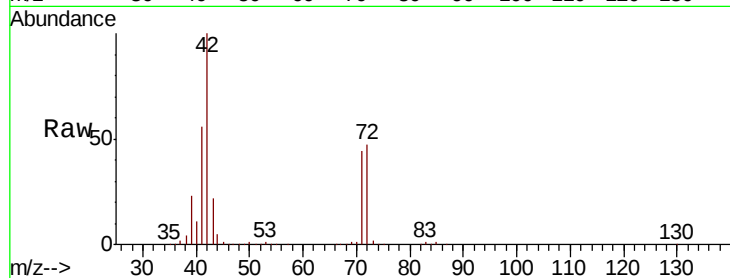
#29
Tetrahydrofuran
Concen: 214.20 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	37.7	56.5
71	44.5	35.0	52.6

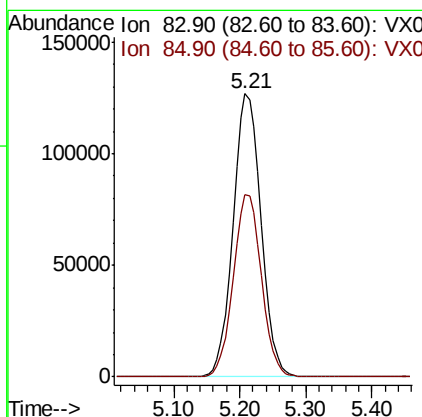
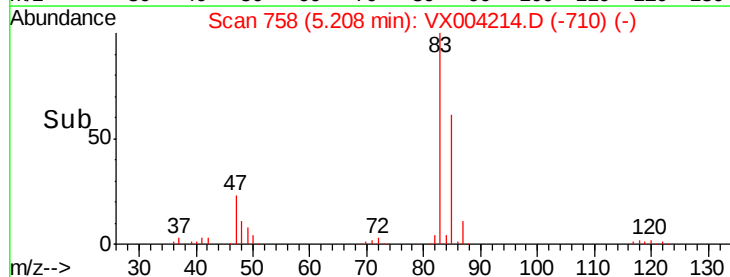
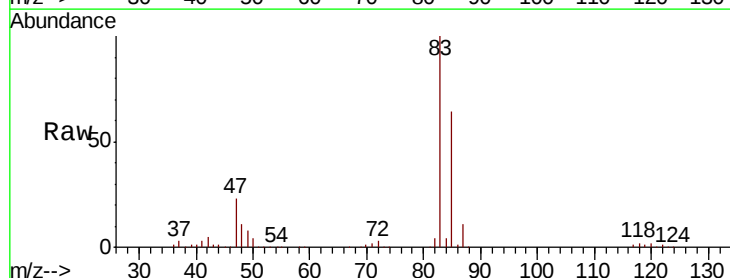
Manual Integrations
APPROVED

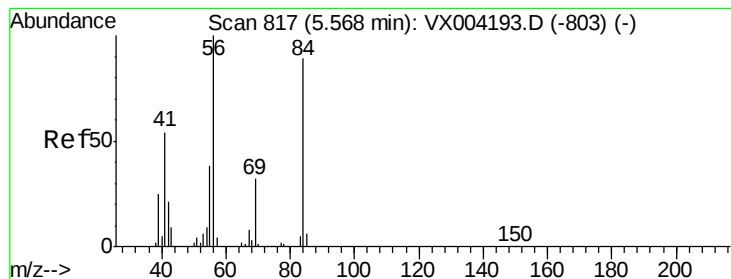
MMDadoda
8/24/2018 11:34:56 AM



#30
Chloroform
Concen: 45.95 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.7	76.1





#31

Cyclohexane

Concen: 48.21 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

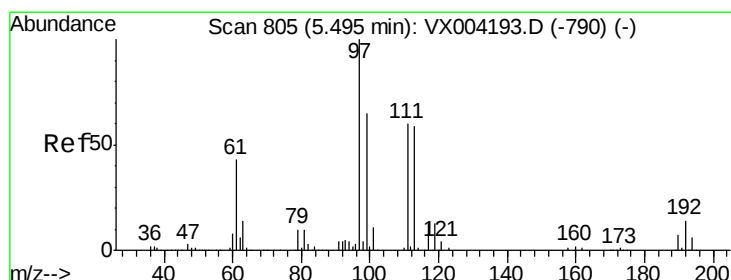
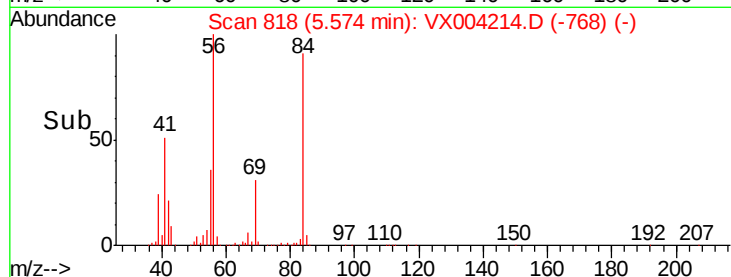
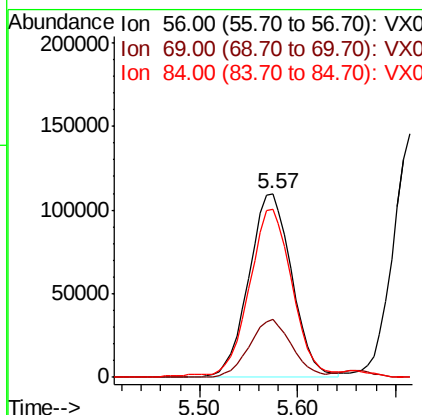
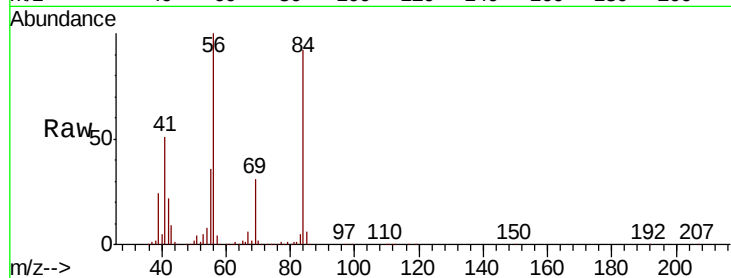
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	335252
Ion Ratio	Lower	Upper	
56	100		
69	31.3	24.9	37.3
84	90.1	71.7	107.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.61 ug/l

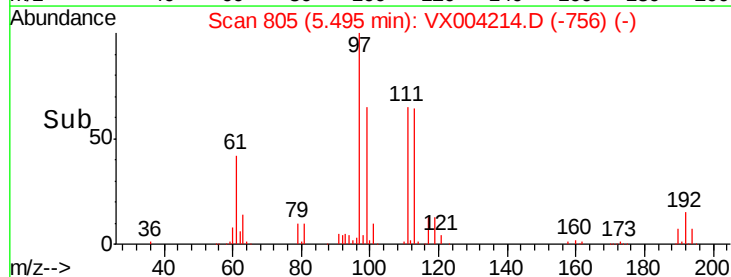
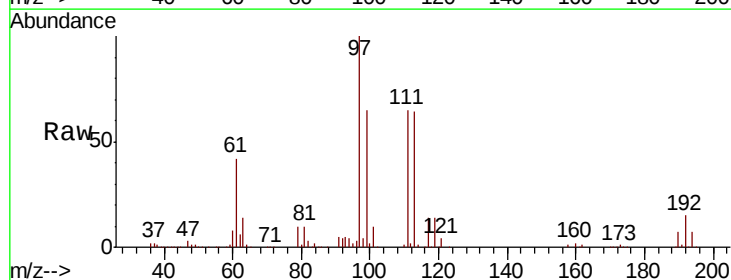
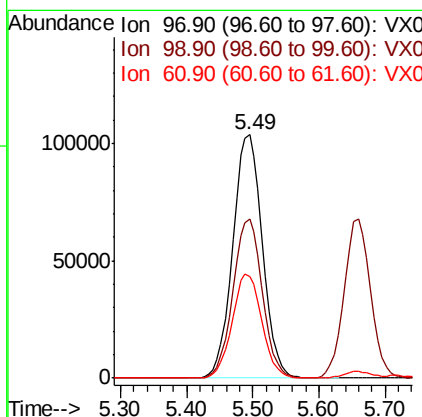
RT: 5.49 min Scan# 805

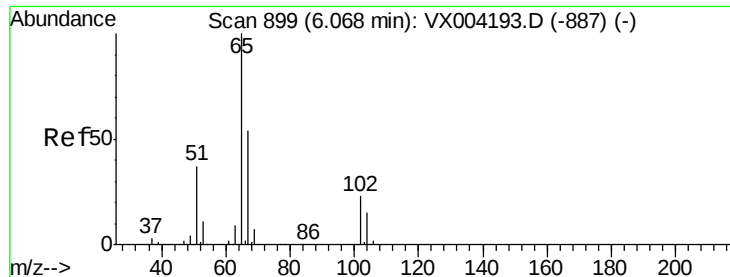
Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Tgt Ion:	97	Resp:	320818
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.8	77.8
61	43.1	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 43.89 ug/l

RT: 6.06 min Scan# 898

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Tot Ion: 65 Resp: 217710

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8

Instrument :

MSVOA_X

ClientSampleId :

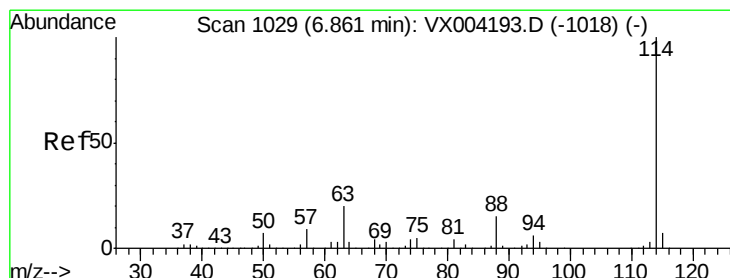
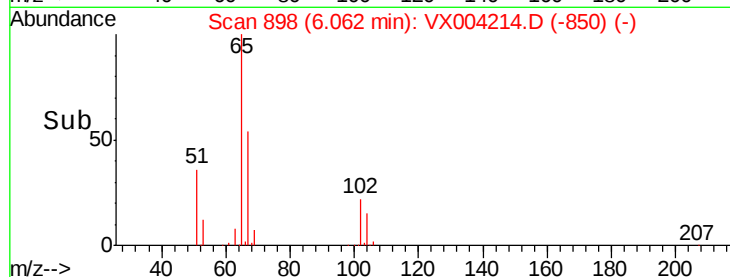
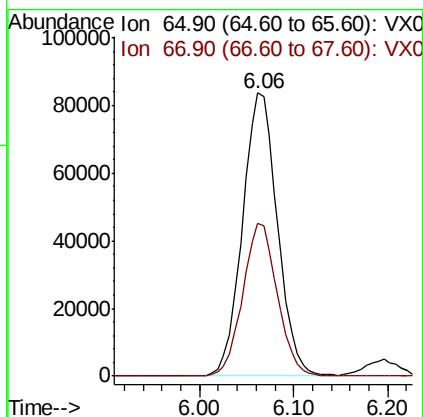
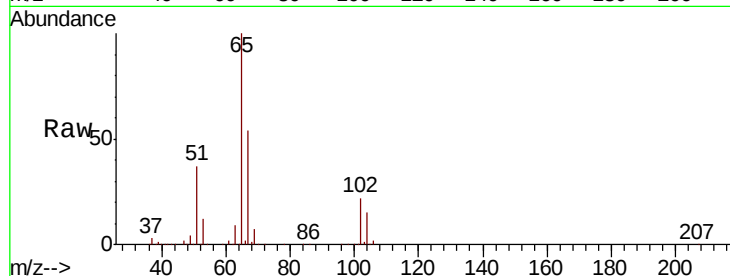
VSTDCCC050

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

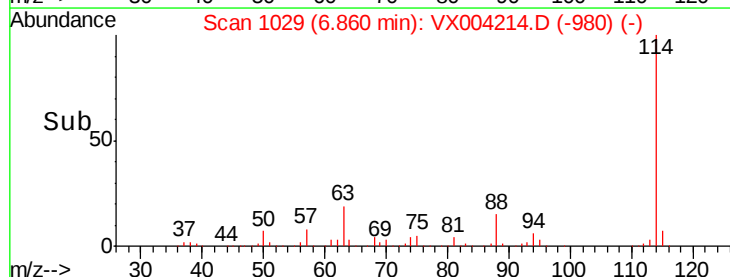
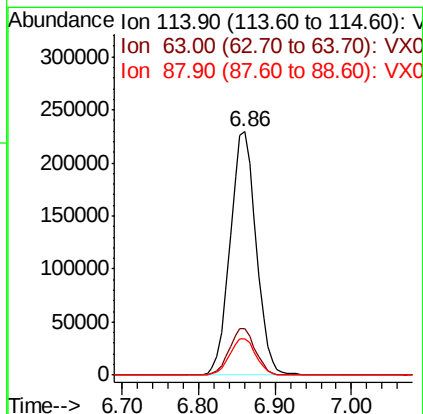
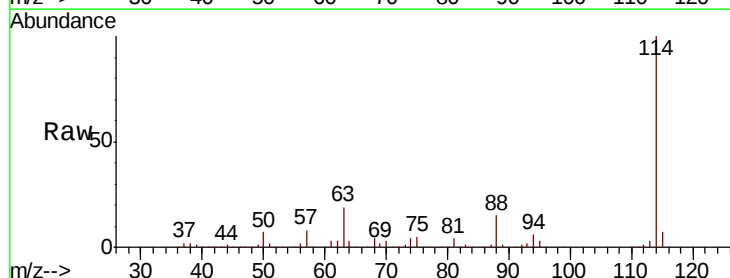
Tgt Ion: 114 Resp: 538924

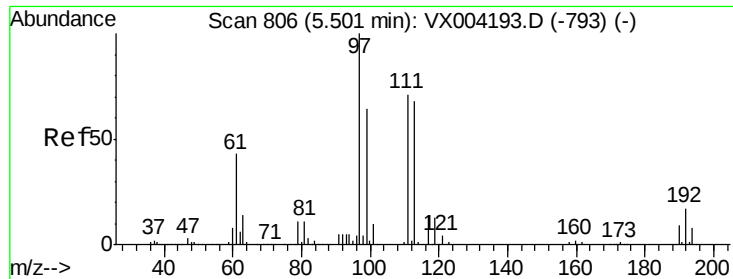
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.0

88 14.9 0.0 32.0





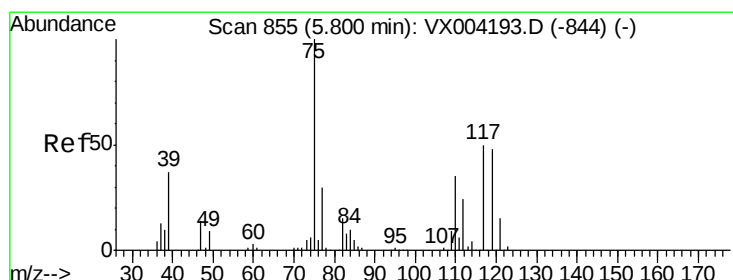
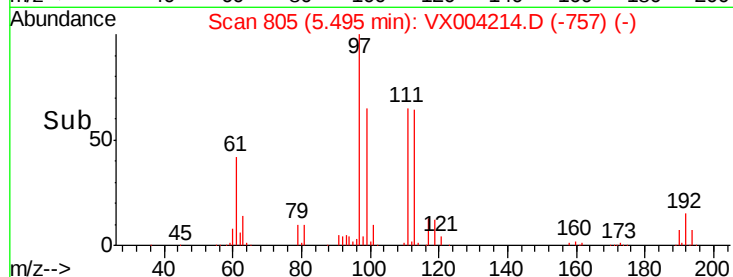
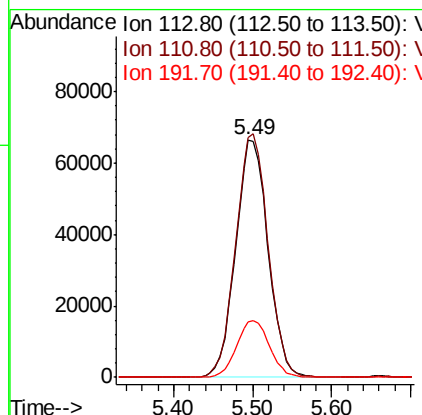
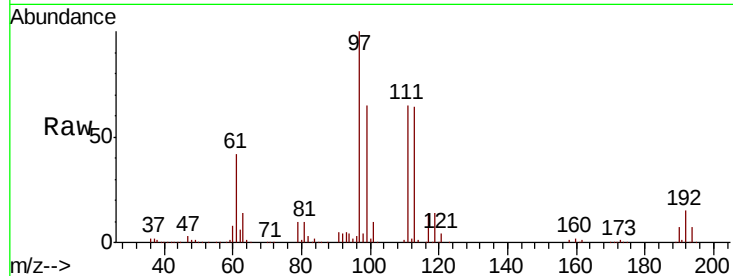
#35
 Dibromofluoromethane
 Concen: 47.31 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	189671		
111	102.5	82.0	123.0	
192	24.2	19.0	28.4	

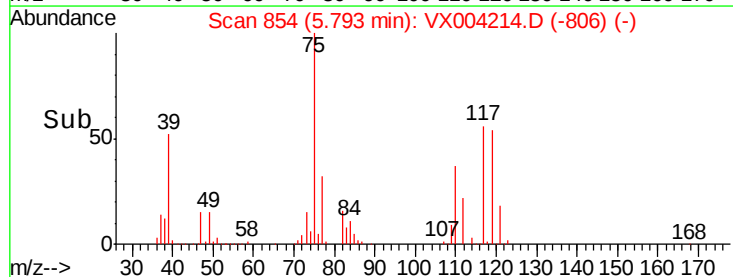
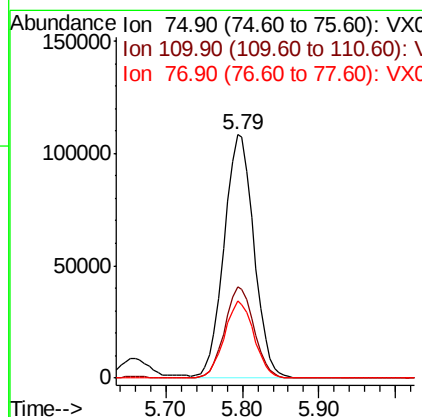
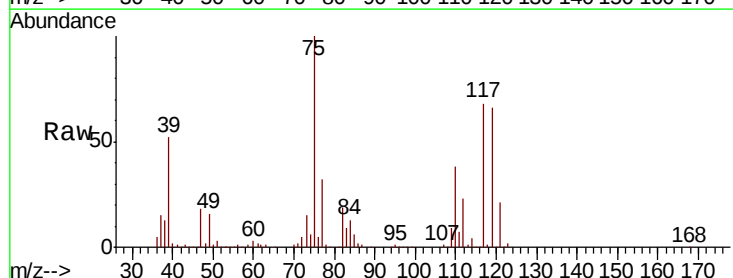
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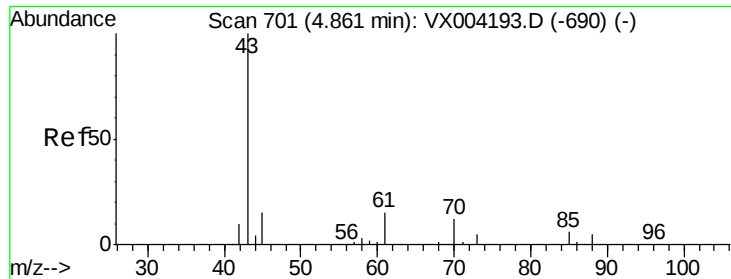
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#36
 1,1-Dichloropropene
 Concen: 48.17 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	291845		
110	36.9	18.2	54.6	
77	31.3	25.0	37.4	





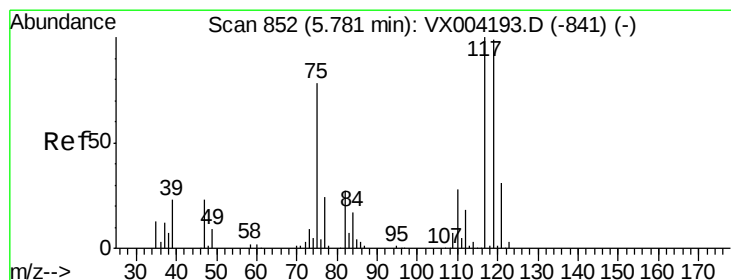
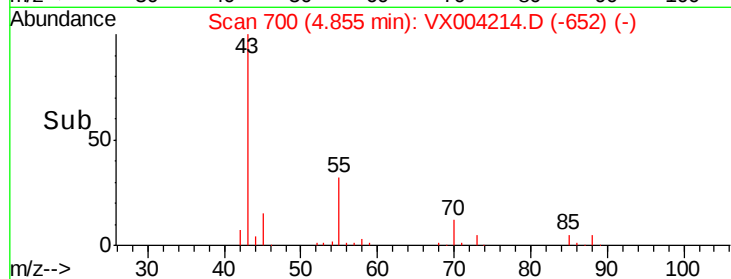
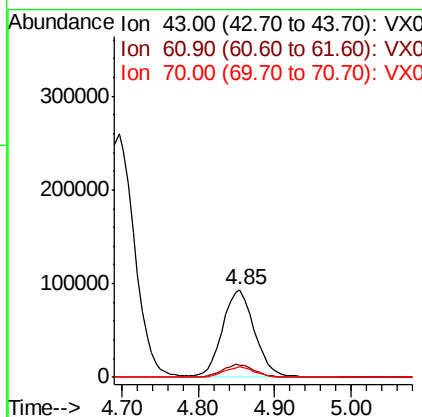
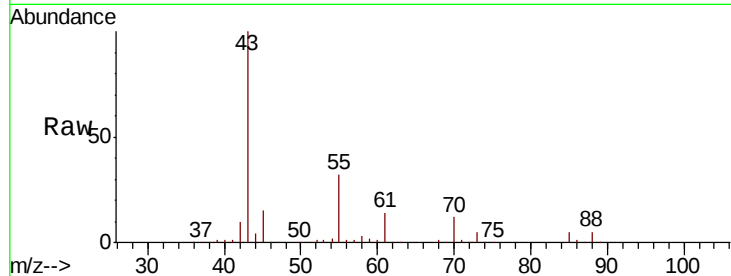
#37
Ethyl Acetate
Concen: 45.40 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	11.4	9.0	13.4

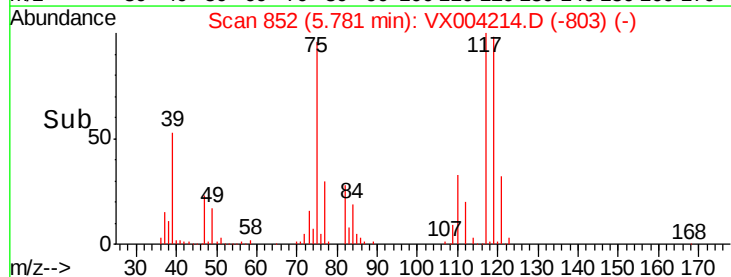
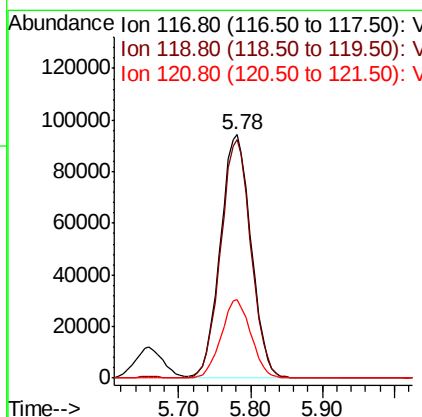
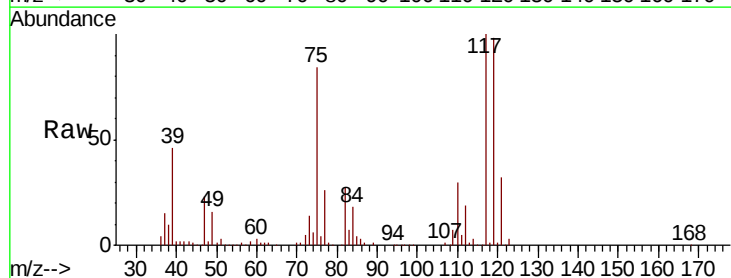
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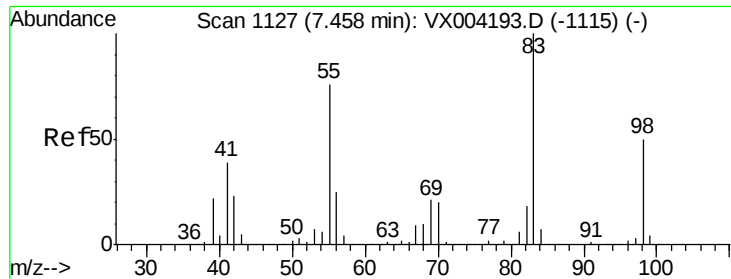
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.07 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	79.5	119.3
121	32.0	25.0	37.4





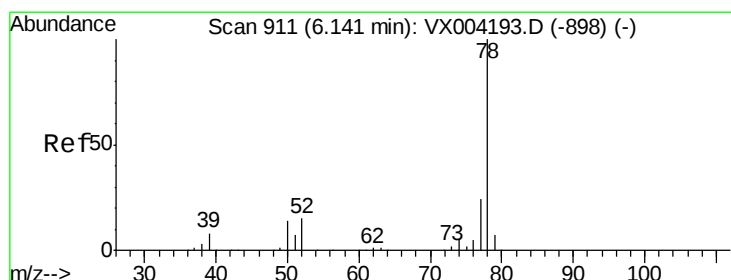
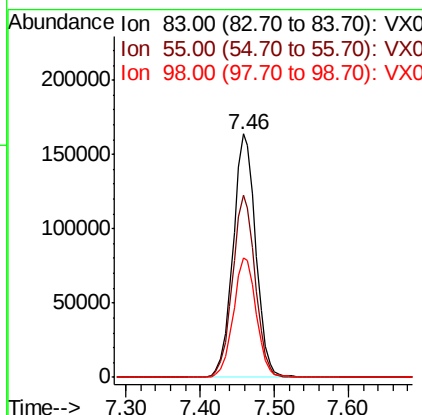
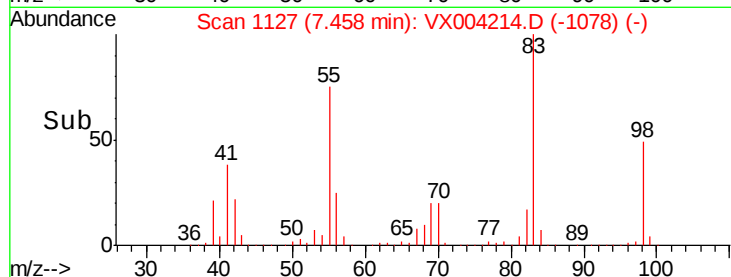
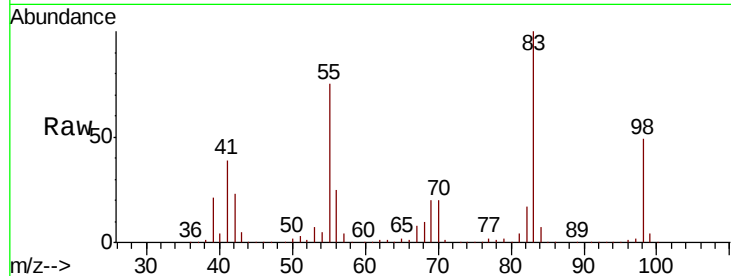
#39
Methvlcvclohexane
Concen: 50.67 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	61.0	91.6
98	49.2	38.6	57.8

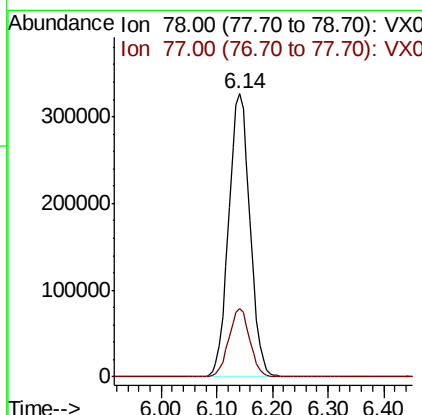
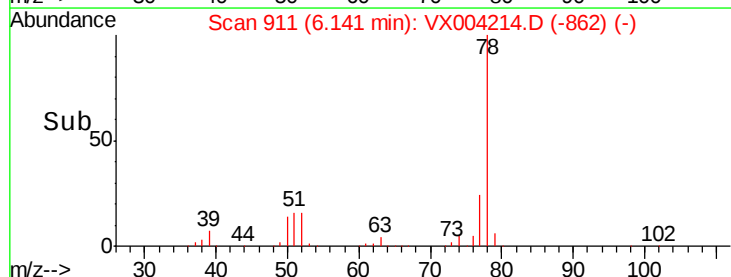
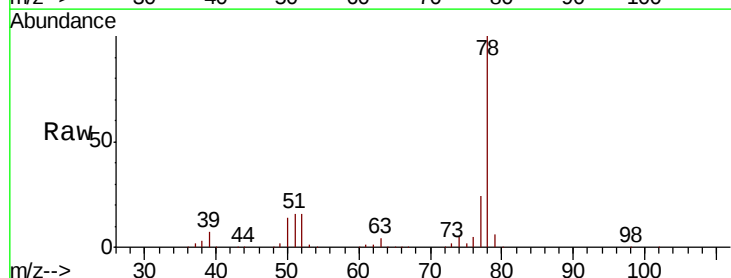
Manual Integrations
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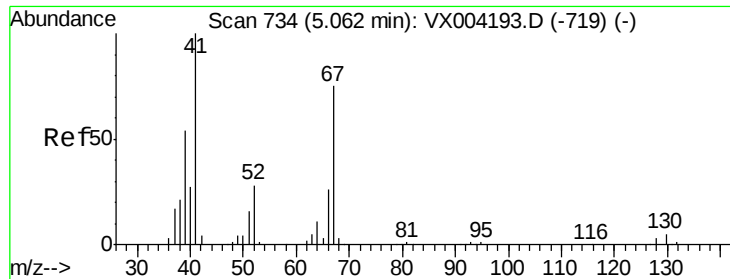
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#40
Benzene
Concen: 47.58 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





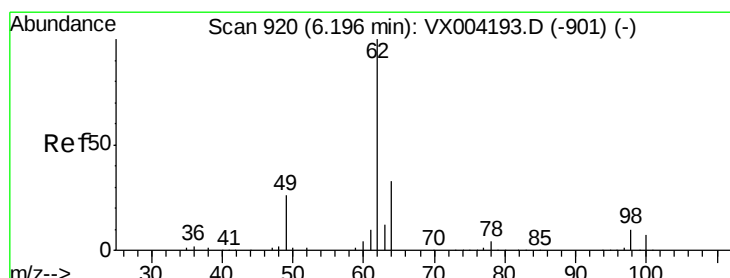
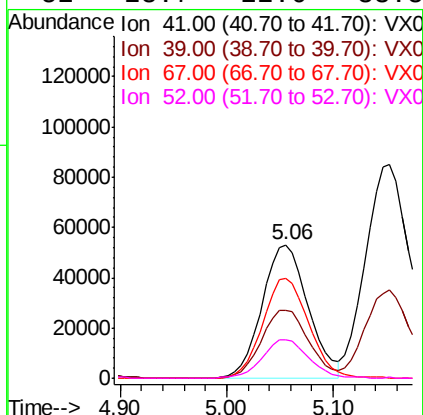
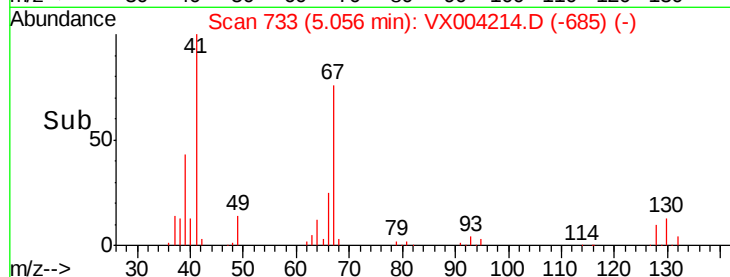
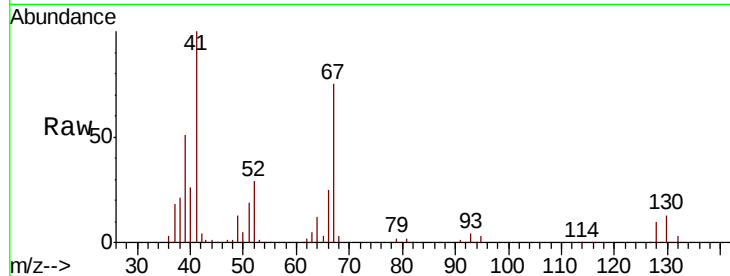
#41
Methacrylonitrile
Concen: 46.34 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	42.7	64.1	
67	75.0	58.9	88.3	
52	28.7	22.6	33.8	

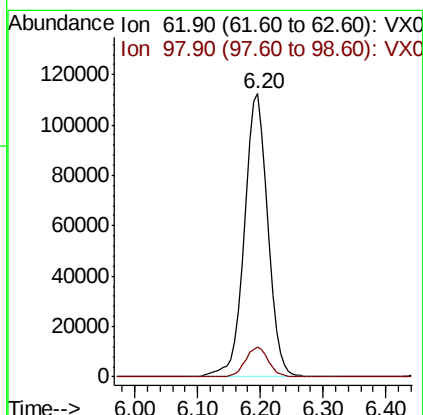
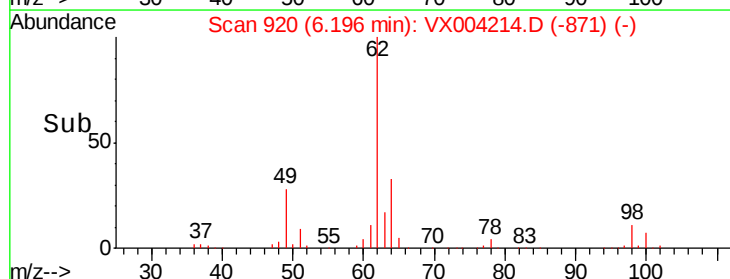
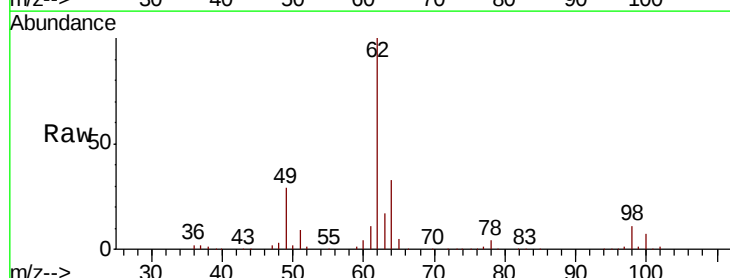
Manual Integrations
APPROVED

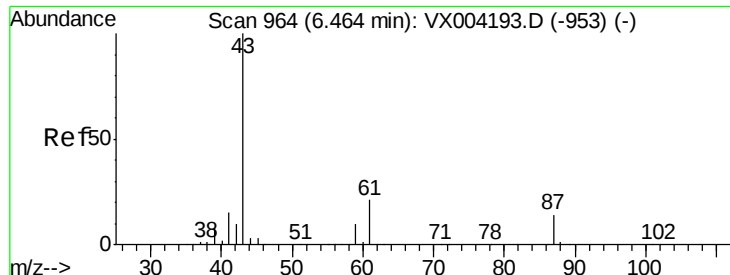
MMDadoda
8/24/2018 11:34:56 AM



#42
1,2-Dichloroethane
Concen: 46.90 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.4	





#43

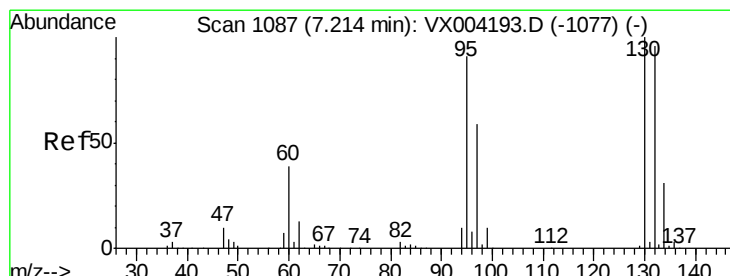
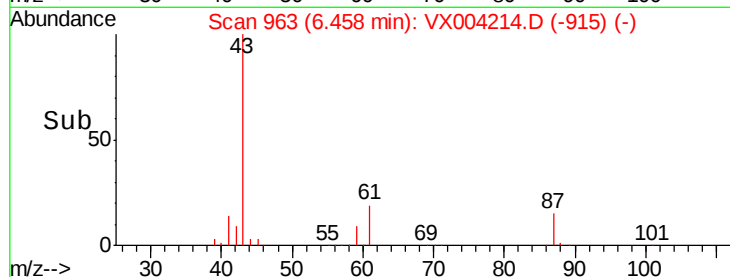
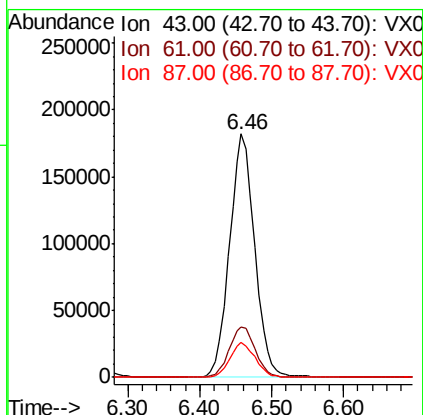
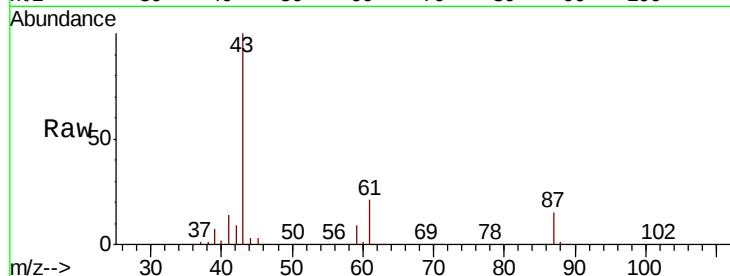
Isopropyl Acetate
 Concen: 48.17 ug/l
 RT: 6.46 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.9	25.3
87	14.4	11.3	16.9

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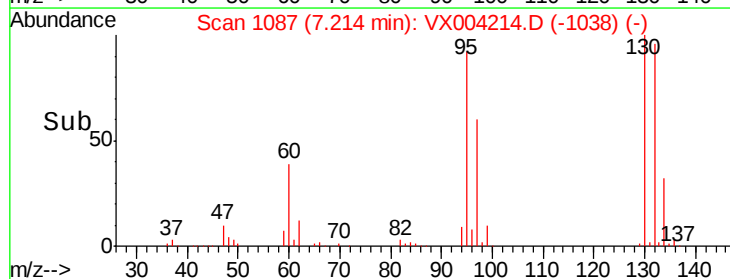
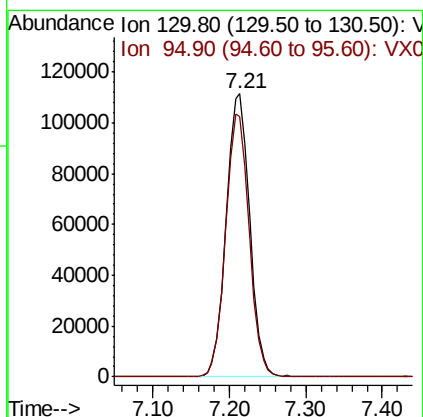
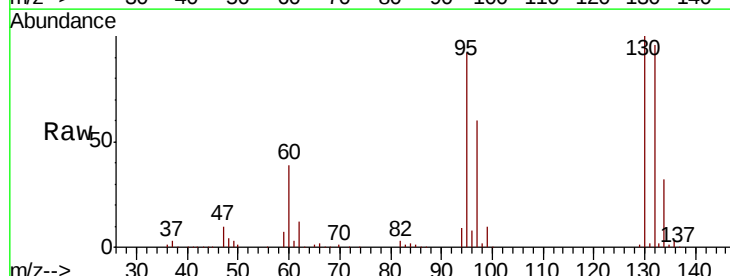
MMDadoda
 8/24/2018 11:34:56 AM

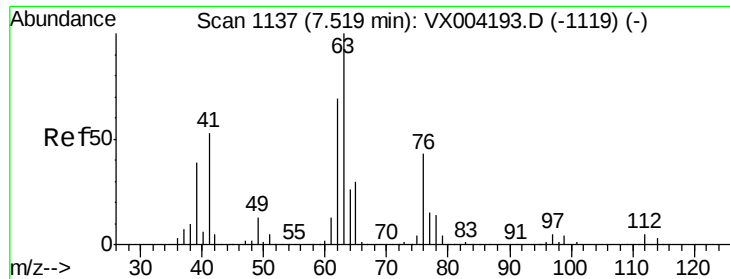


#44

Trichloroethene
 Concen: 47.32 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	199.4





#45

1,2-Dichloropropane

Concen: 47.78 ug/l

RT: 7.51 min Scan# 1136

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 216483

Ion Ratio Lower Upper

63 100

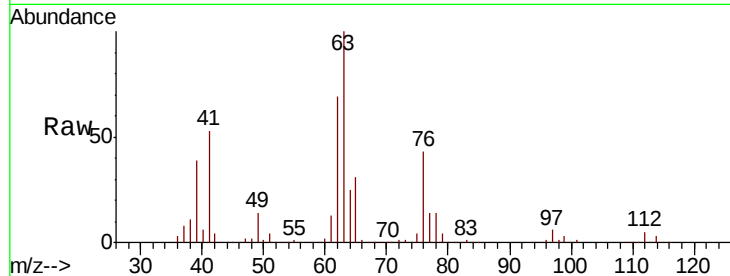
65 31.1 24.6 36.8

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

120000

100000

80000

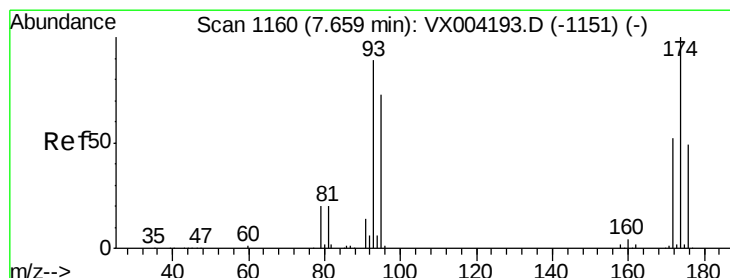
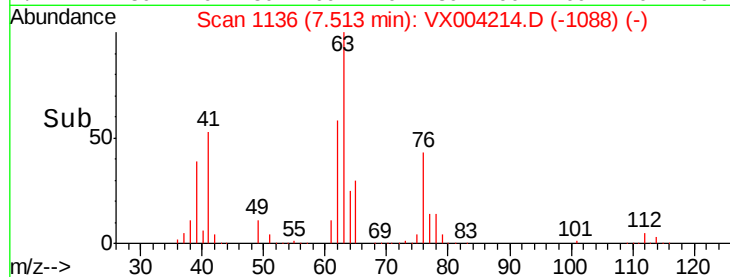
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 46.70 ug/l

RT: 7.66 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

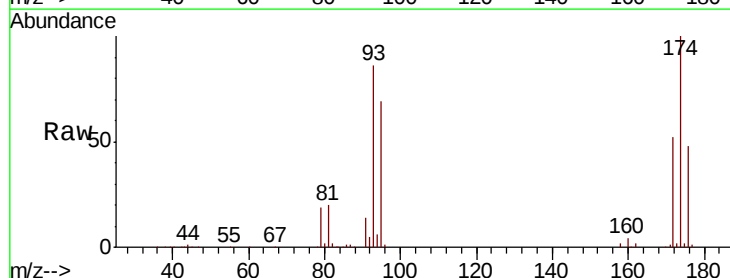
Tgt Ion: 93 Resp: 140878

Ion Ratio Lower Upper

93 100

95 83.4 66.4 99.6

174 119.5 94.3 141.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

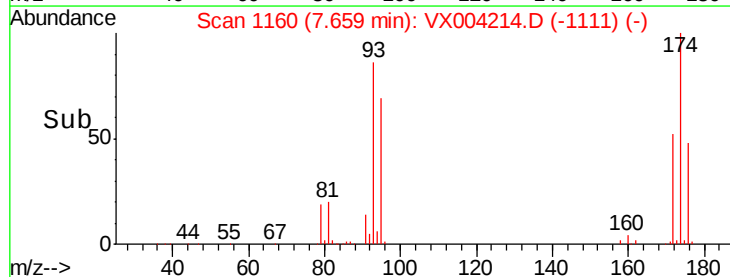
60000

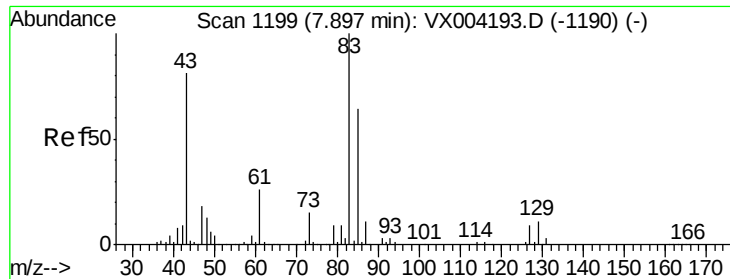
40000

20000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 49.23 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

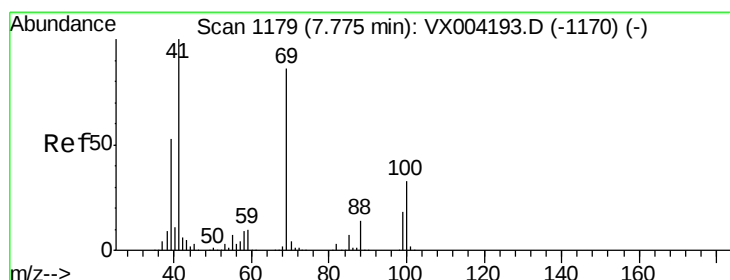
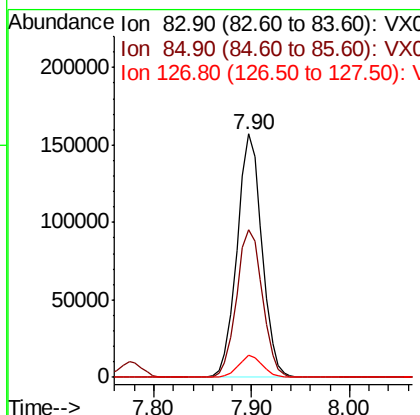
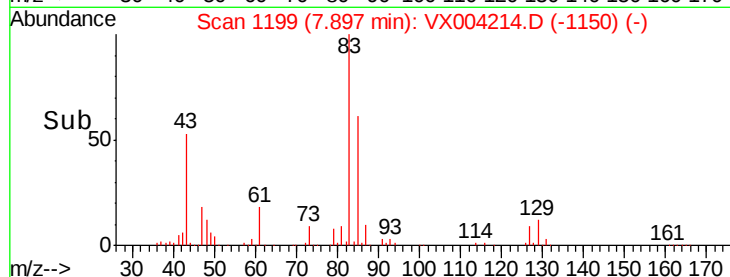
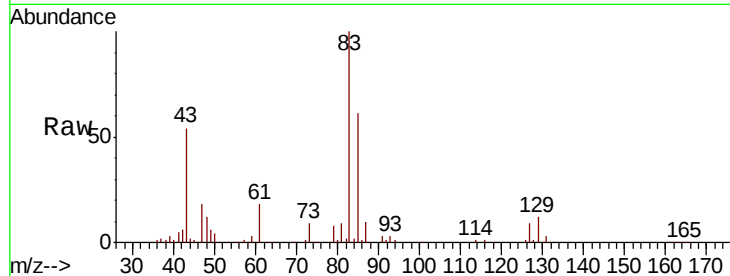
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	276351
Ion	Ratio	Lower	Upper
83	100		
85	60.6	51.2	76.8
127	8.9	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.40 ug/l

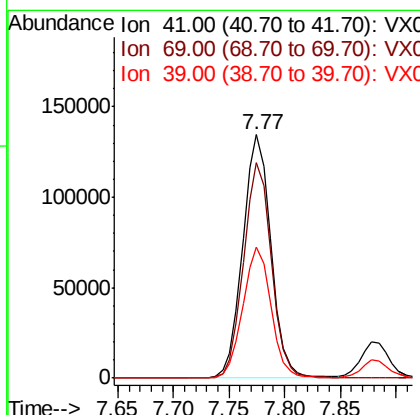
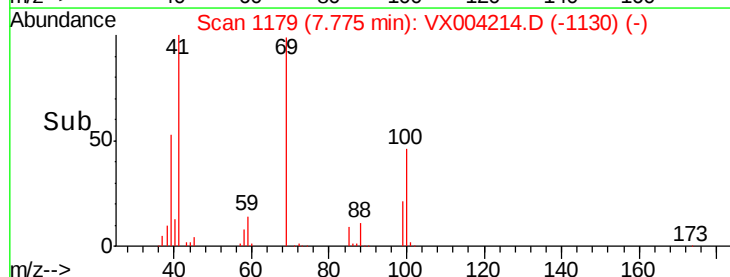
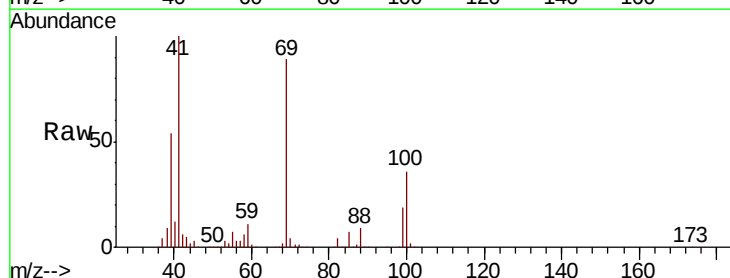
RT: 7.77 min Scan# 1179

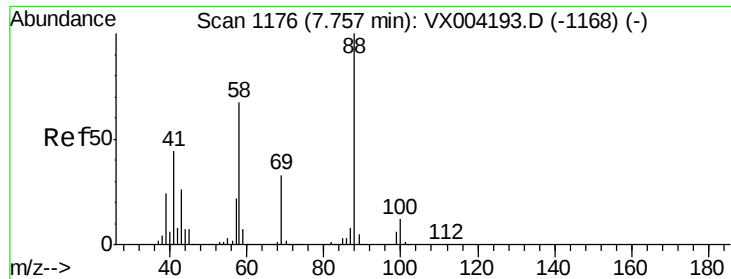
Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Tgt Ion:	41	Resp:	237125
Ion	Ratio	Lower	Upper
41	100		
69	87.8	68.8	103.2
39	53.6	42.3	63.5





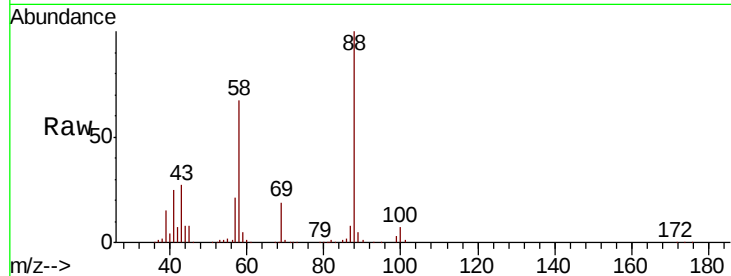
#49
1,4-Dioxane
Concen: 928.51 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	23.8	35.8
58	69.7	55.4	83.0

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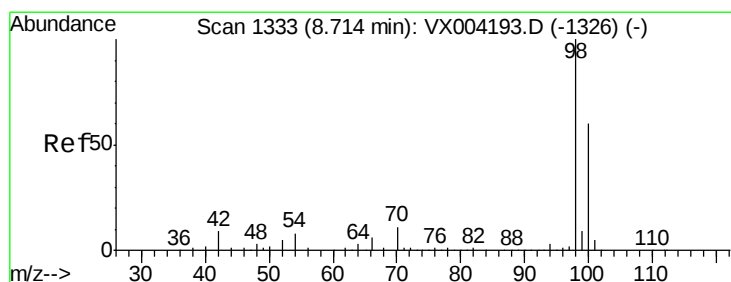
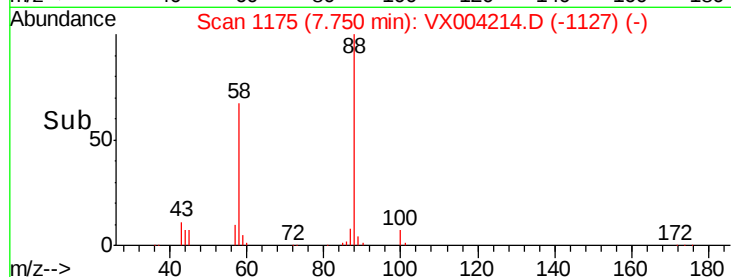
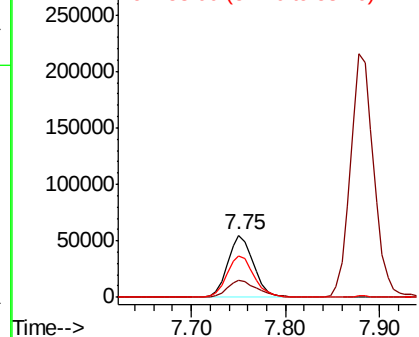


Abundance

Ion 88.00 (87.70 to 88.70): VX0

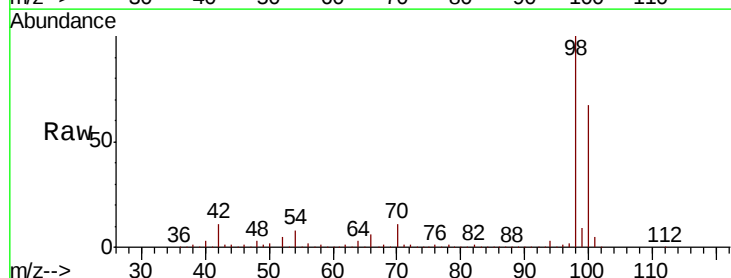
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.37 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

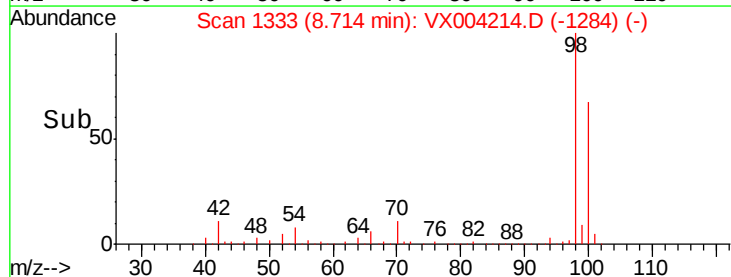
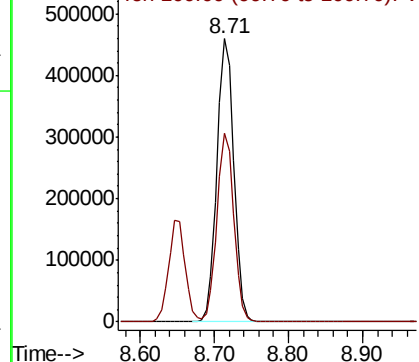
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9

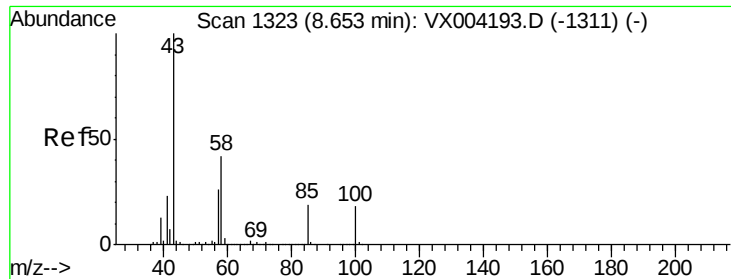


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 218.34 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1452538

Ion Ratio Lower Upper

43 100

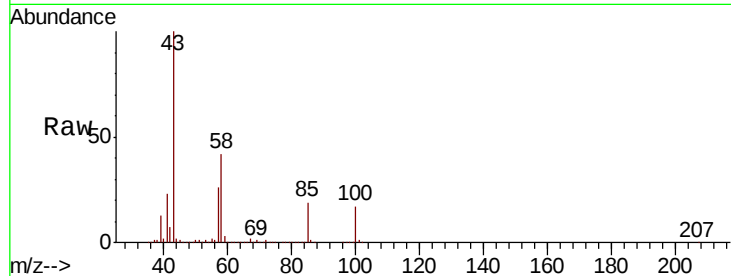
58 41.7 33.0 49.6

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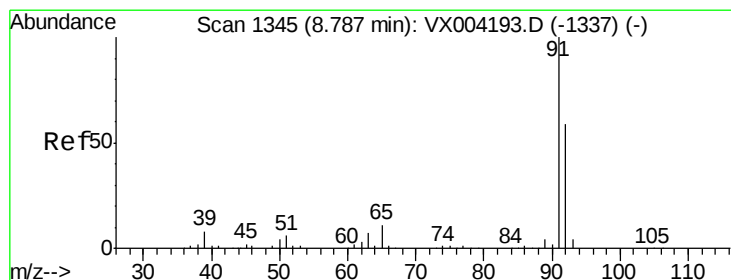
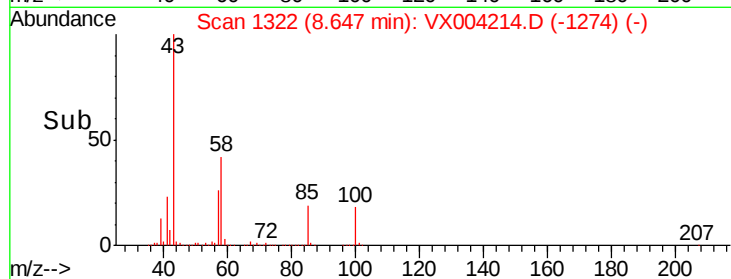
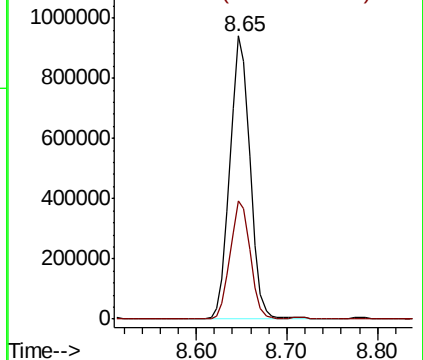
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.23 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004214.D

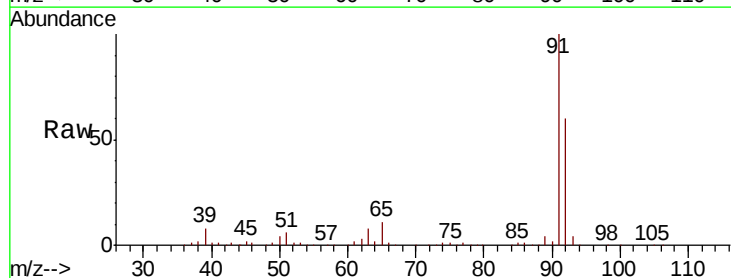
Acq: 23 Aug 2018 09:13

Tgt Ion: 92 Resp: 557902

Ion Ratio Lower Upper

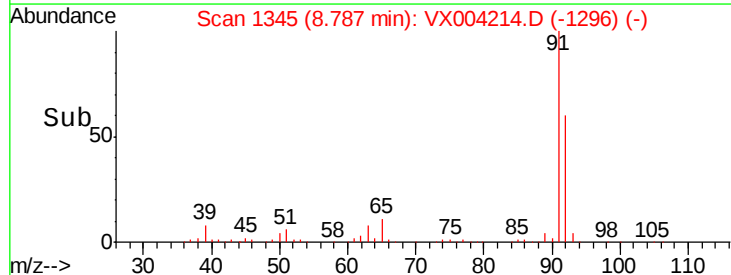
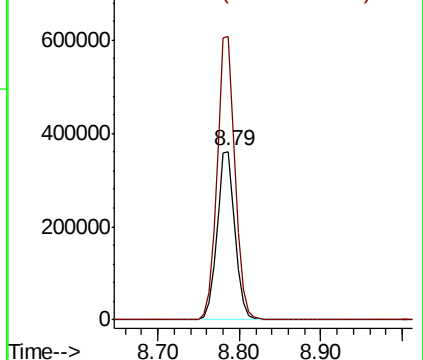
92 100

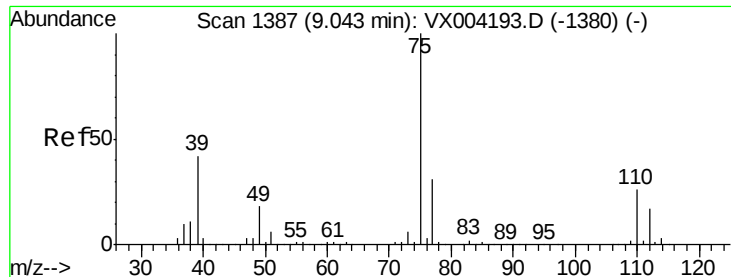
91 168.6 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





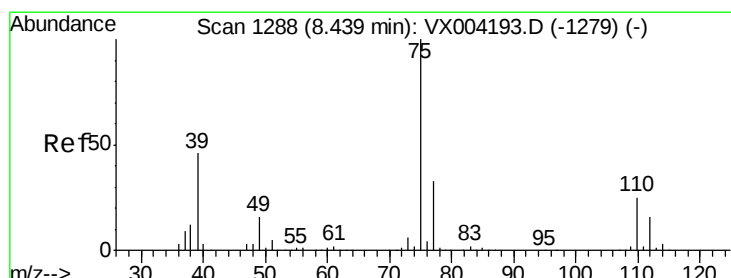
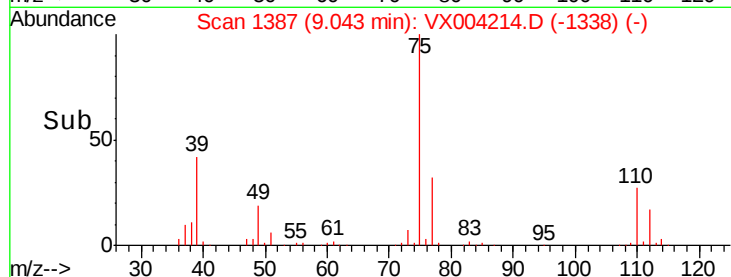
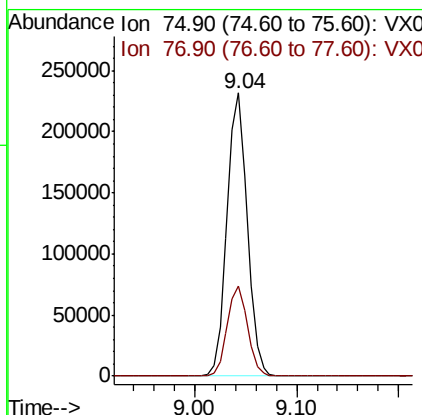
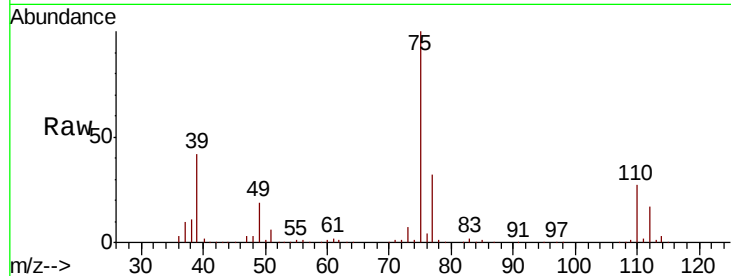
#53
 t-1,3-Dichloropropene
 Concen: 51.36 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 318430
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.1 37.7

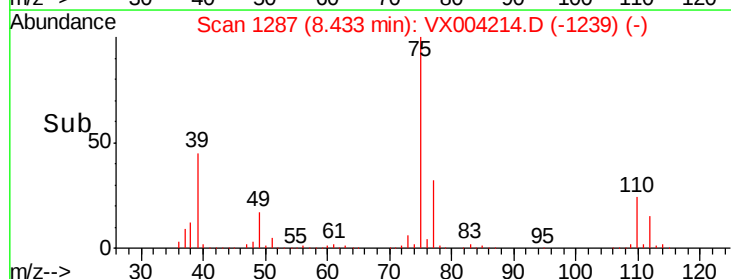
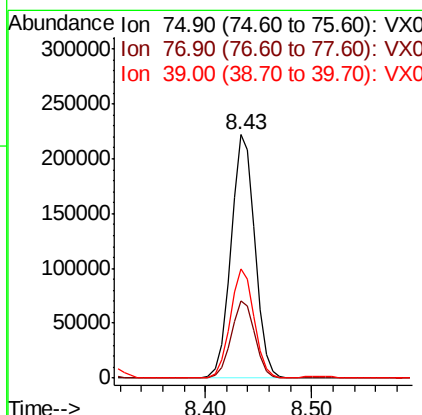
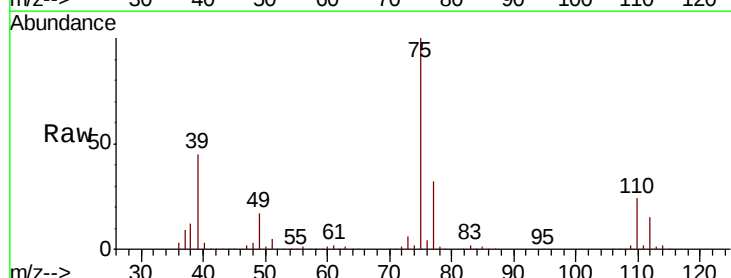
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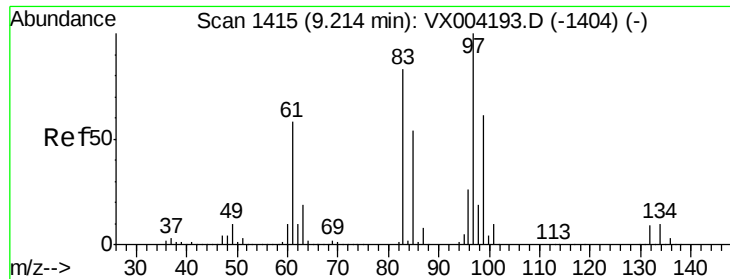
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#54
 cis-1,3-Dichloropropene
 Concen: 51.74 ug/l
 RT: 8.43 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion: 75 Resp: 349461
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 45.0 36.2 54.2





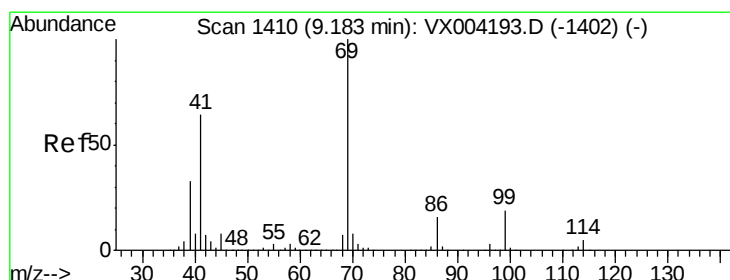
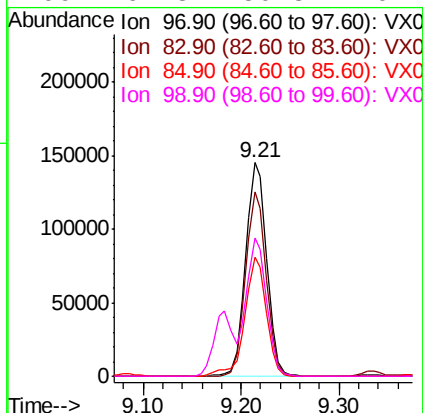
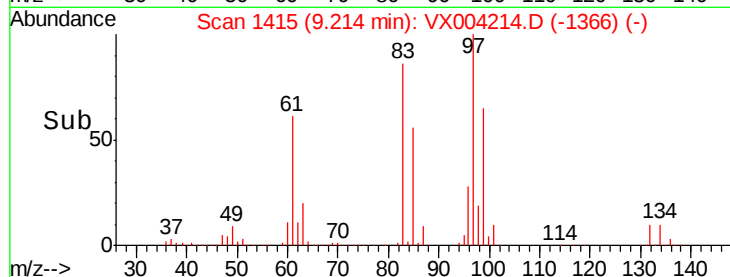
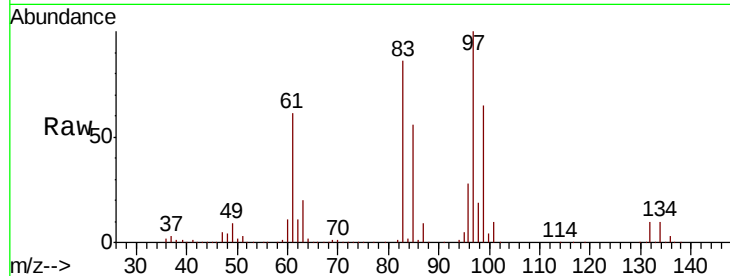
#55
 1,1,2-Trichloroethane
 Concen: 47.35 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	216595
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.8	101.6
85	55.6	44.2	66.2
99	64.8	50.8	76.2

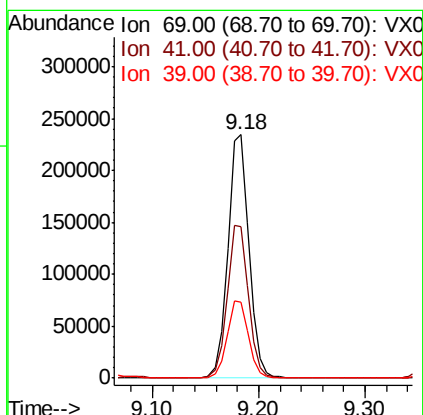
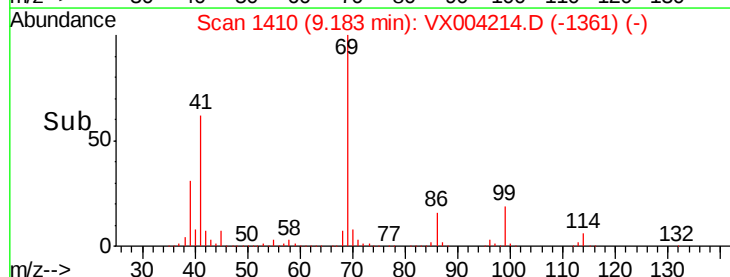
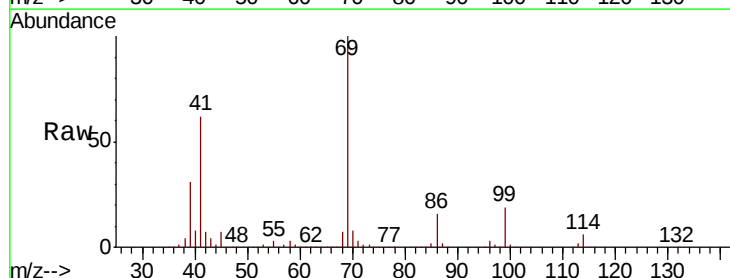
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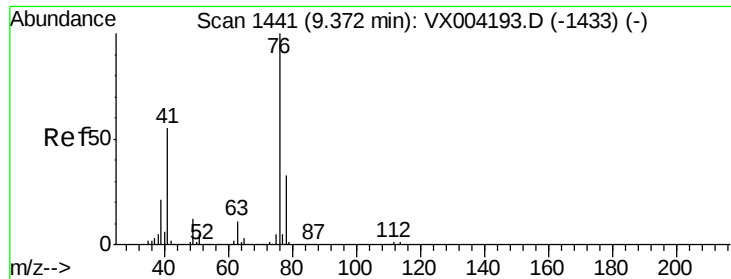
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#56
 Ethyl methacrylate
 Concen: 52.18 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion:	69	Resp:	324970
Ion	Ratio	Lower	Upper
69	100		
41	63.1	50.6	76.0
39	32.2	25.8	38.6





#57

1,3-Dichloropropane

Concen: 47.73 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 368054

Ion Ratio Lower Upper

76 100

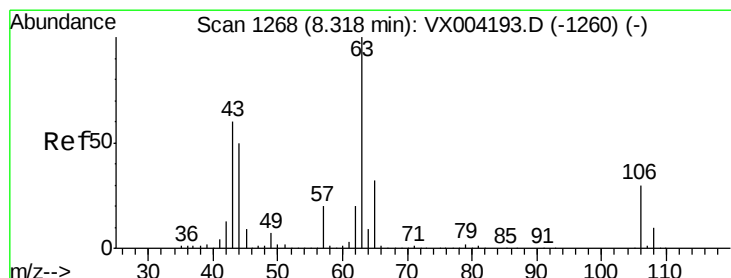
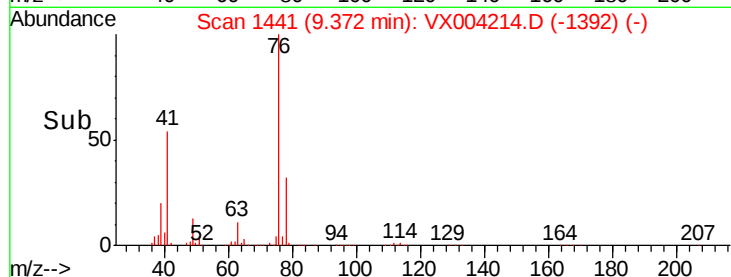
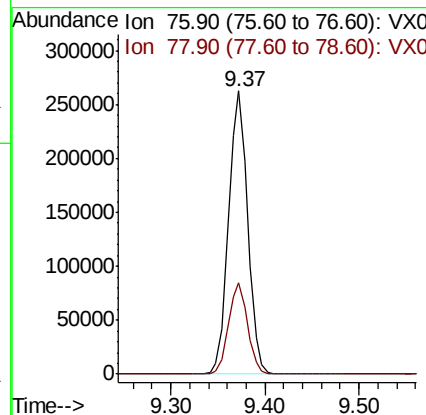
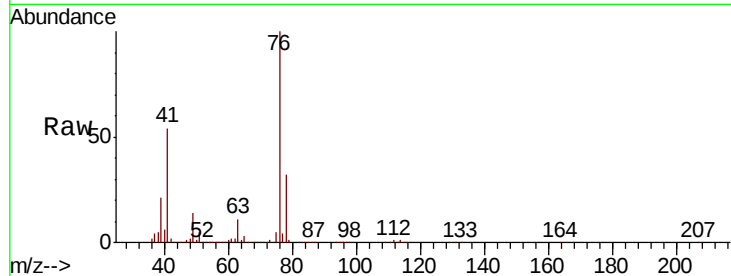
78 32.1 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 257.36 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX004214.D

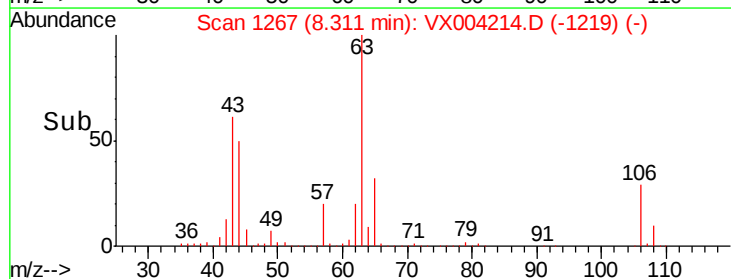
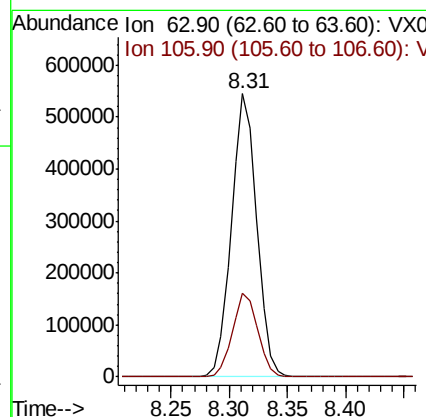
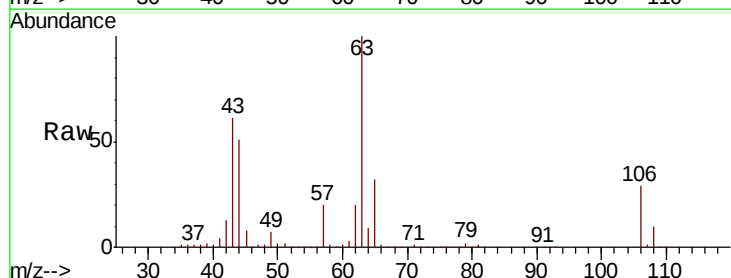
Acq: 23 Aug 2018 09:13

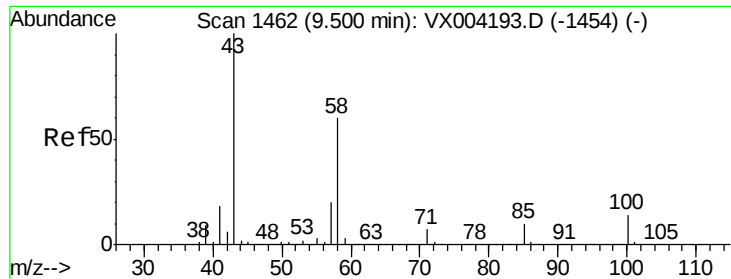
Tgt Ion: 63 Resp: 821215

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8





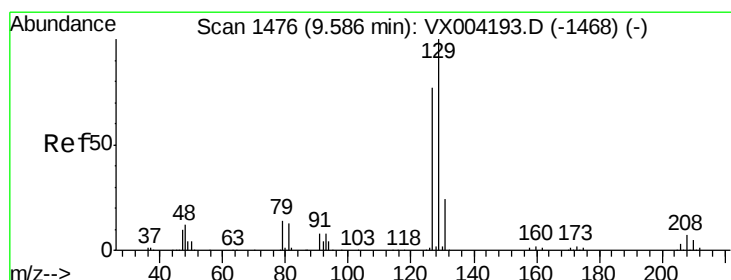
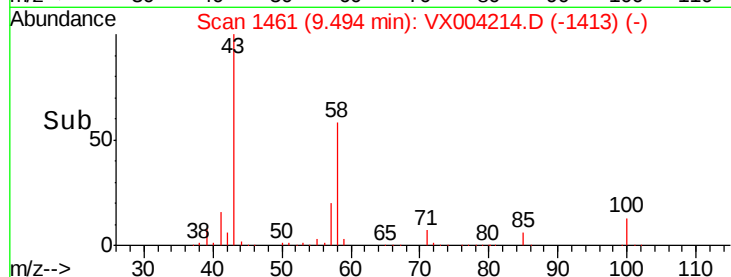
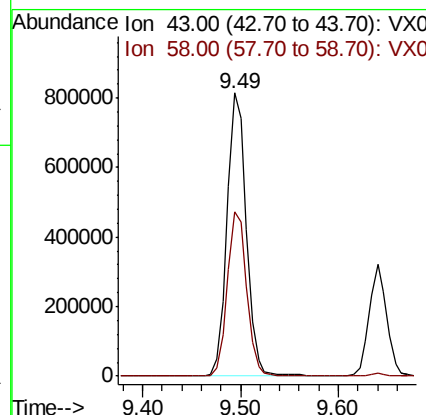
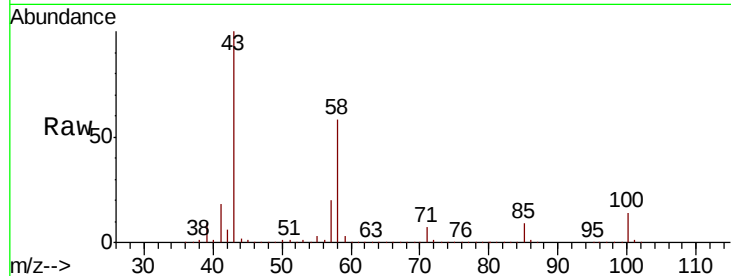
#59
 2-Hexanone
 Concen: 219.72 ug/l
 RT: 9.49 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1115142
 Ion Ratio Lower Upper
 43 100
 58 58.3 29.0 87.0

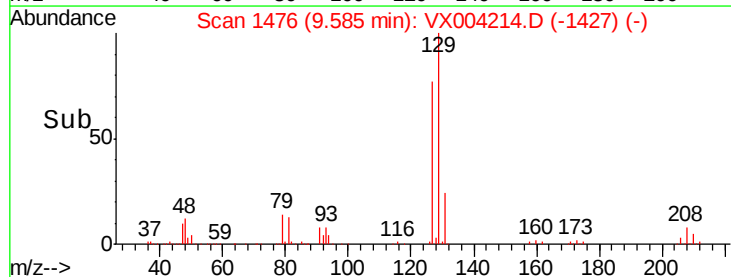
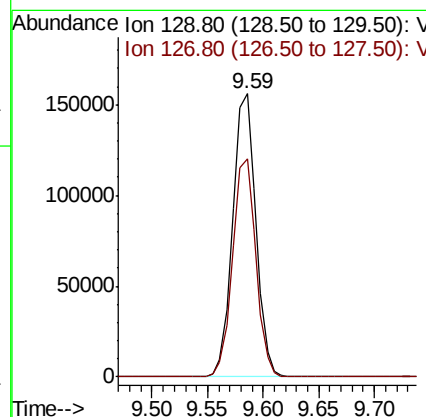
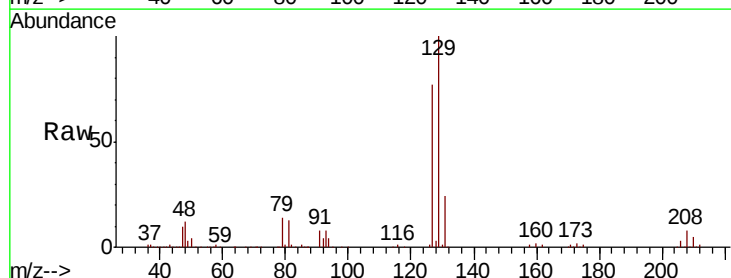
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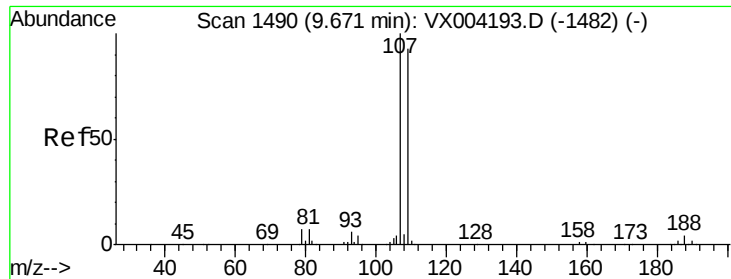
MMDadoda
 8/24/2018 11:34:56 AM



#60
 Dibromochloromethane
 Concen: 50.44 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion: 129 Resp: 224823
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 48.19 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 228135

Ion Ratio Lower Upper

107 100

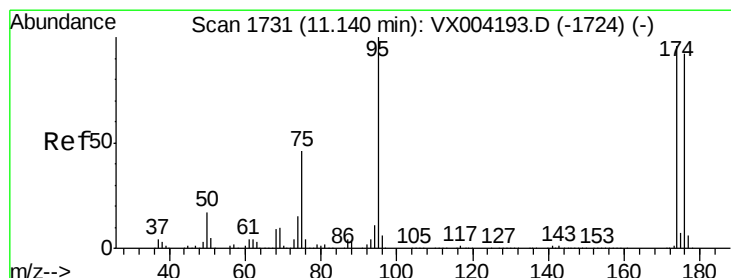
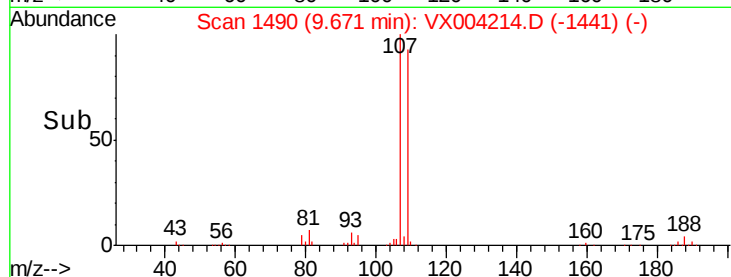
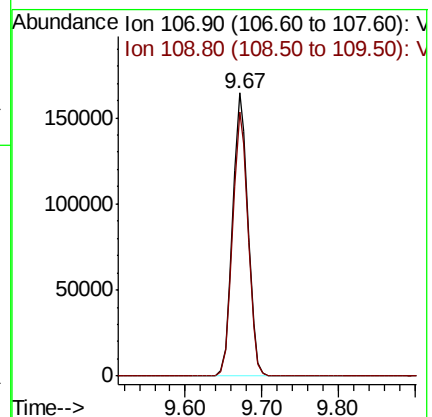
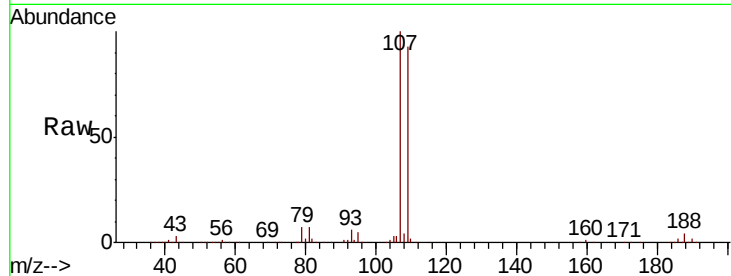
109 94.0 75.8 113.8

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#62

4-Bromofluorobenzene

Concen: 46.72 ug/l

RT: 11.13 min Scan# 1730

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

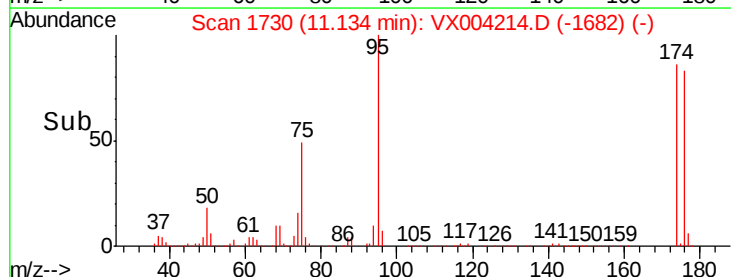
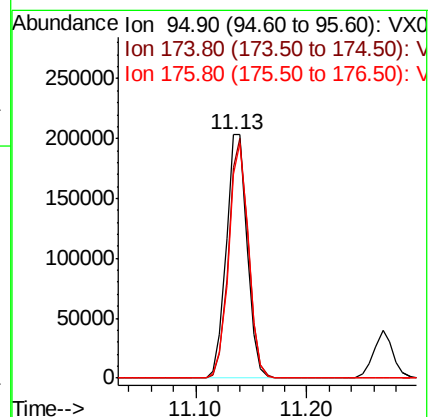
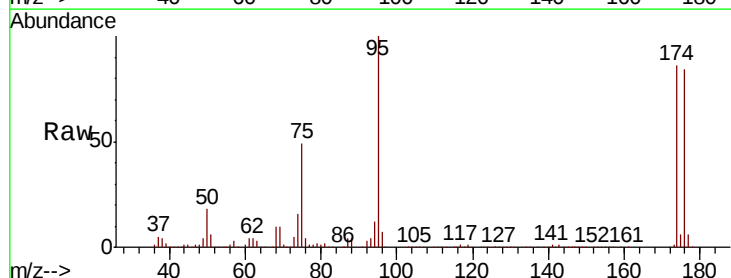
Tgt Ion: 95 Resp: 263808

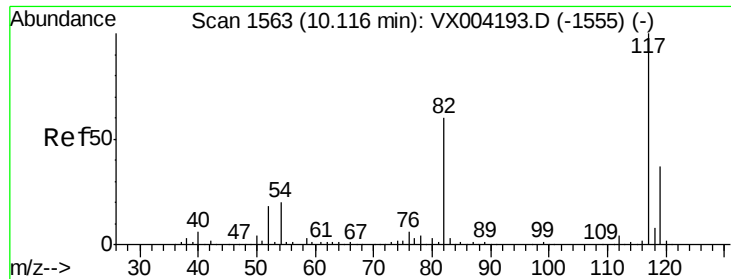
Ion Ratio Lower Upper

95 100

174 92.5 0.0 182.8

176 90.8 0.0 179.0





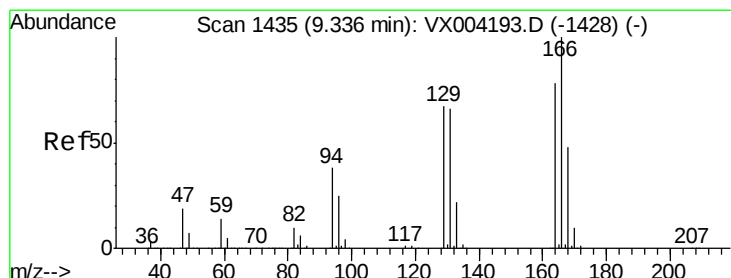
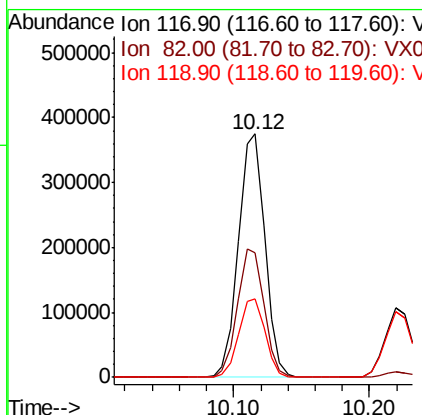
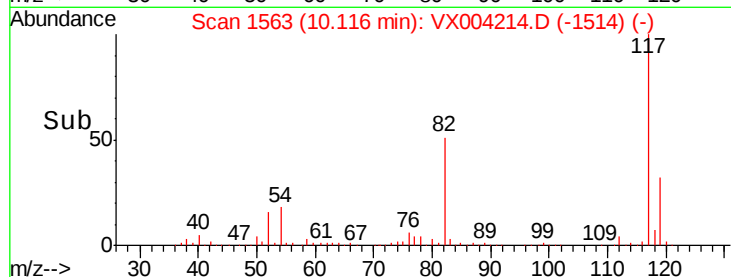
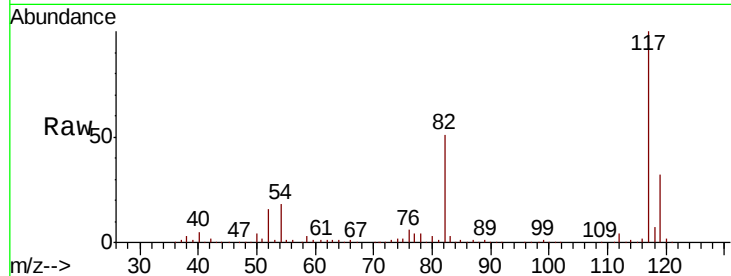
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	45.4	68.0
119	32.2	26.6	40.0

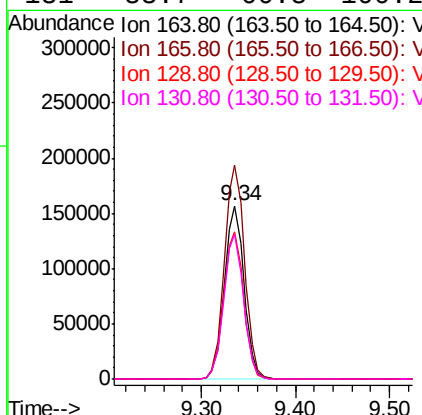
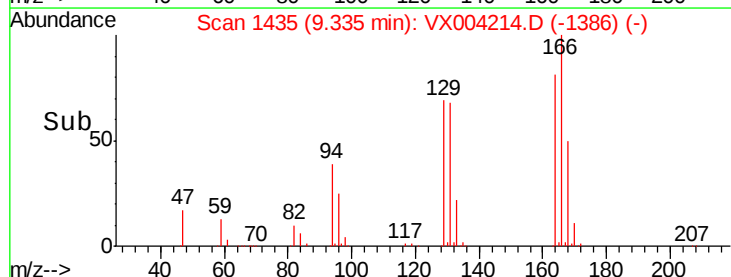
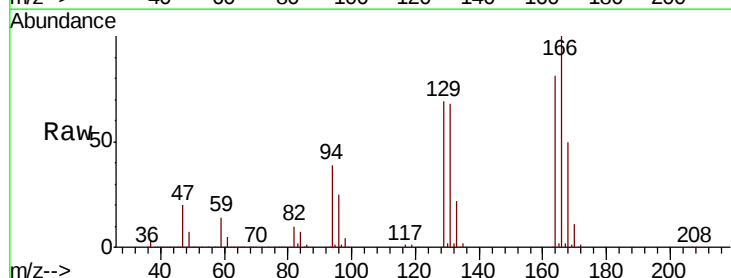
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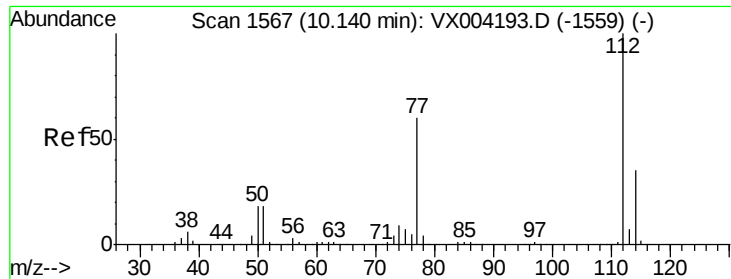
MMDadoda
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#64
Tetrachloroethene
Concen: 45.00 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	98.0	147.0
129	84.9	64.3	96.5
131	83.7	66.8	100.2





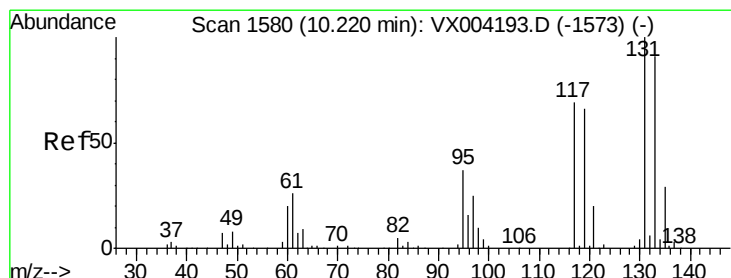
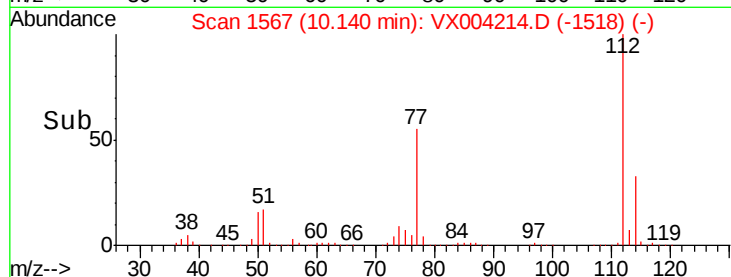
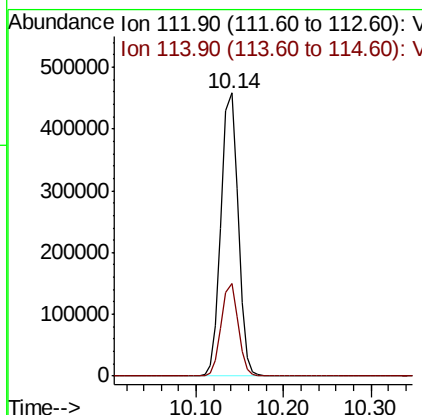
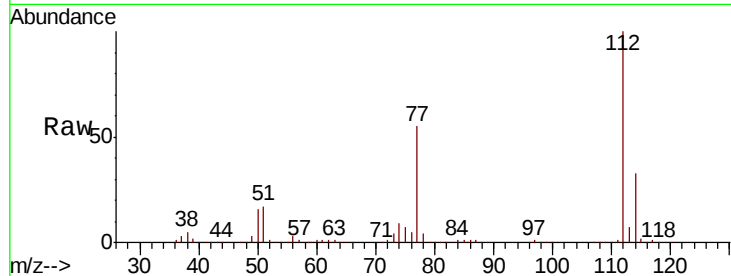
#65
Chlorobenzene
Concen: 48.56 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 620649
Ion Ratio Lower Upper
112 100
114 32.7 23.6 35.4

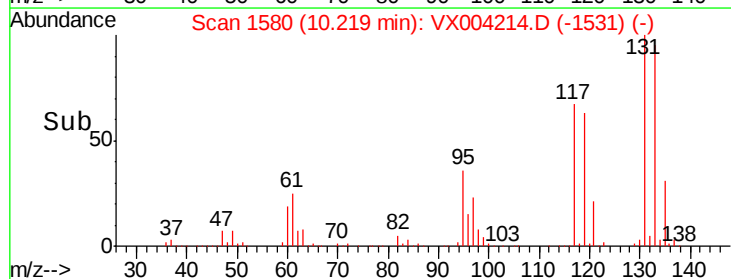
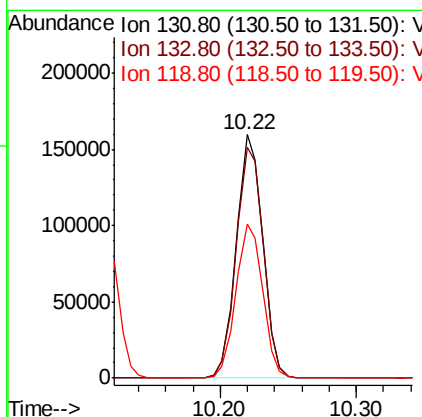
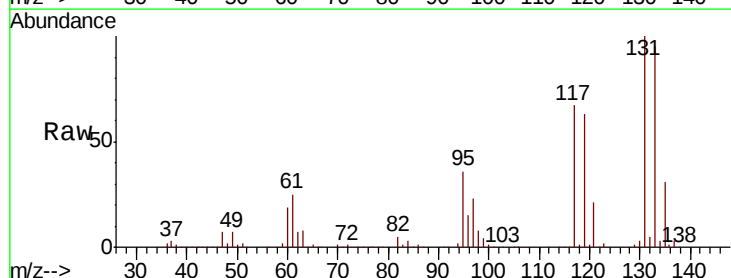
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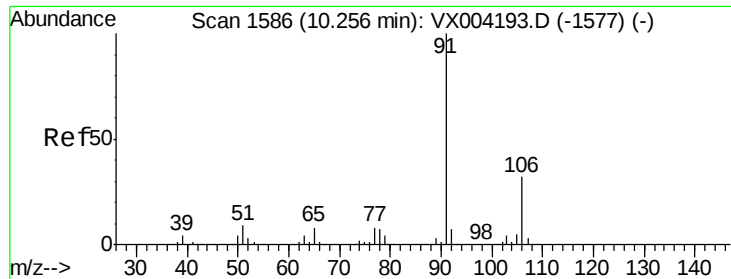
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.13 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion:131 Resp: 216581
Ion Ratio Lower Upper
131 100
133 97.1 47.3 141.8
119 64.2 31.6 94.8





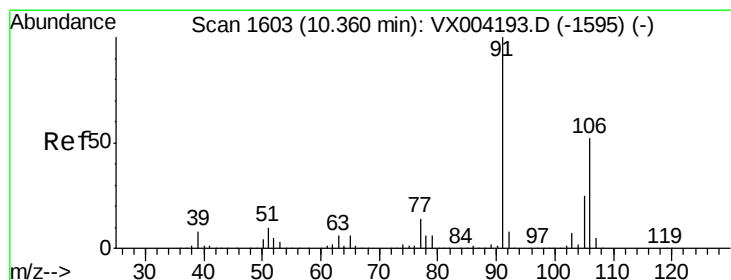
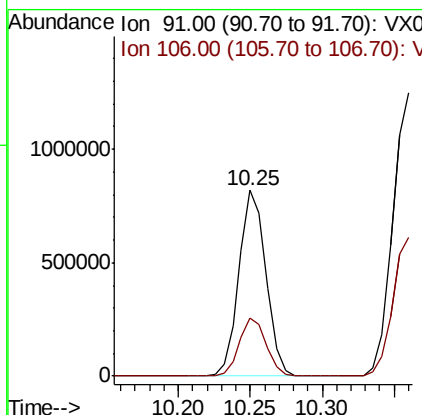
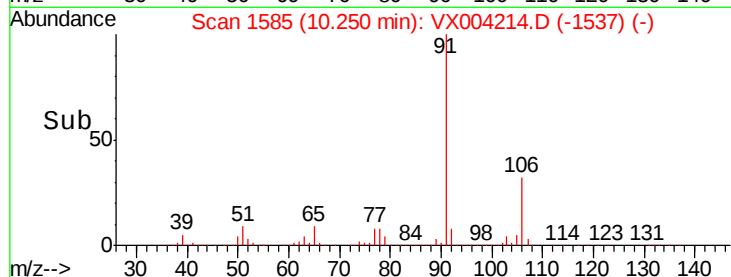
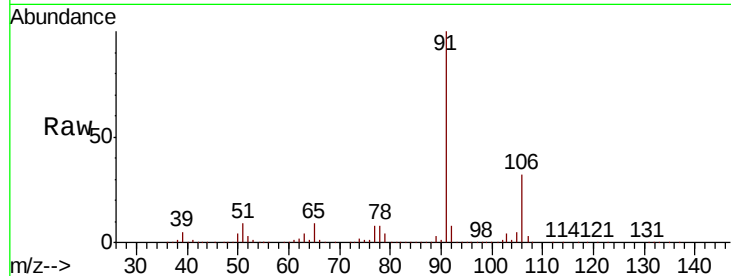
#67
Ethyl Benzene
Concen: 51.28 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1064458
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9

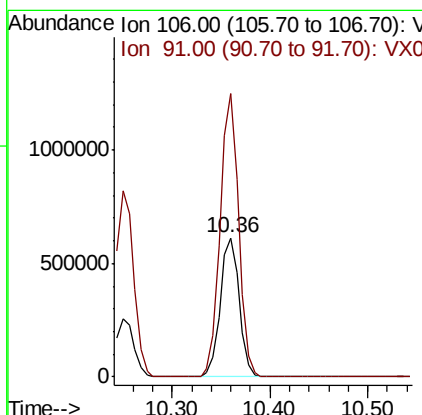
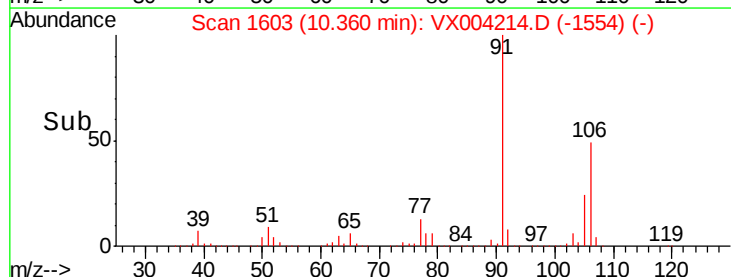
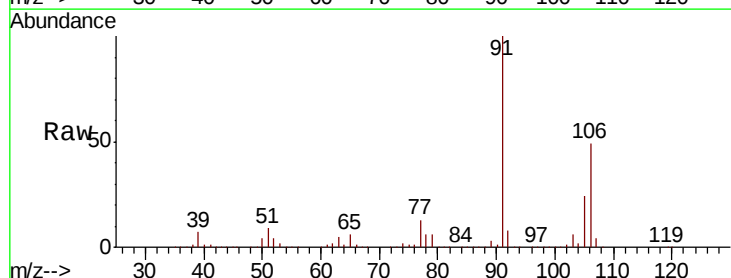
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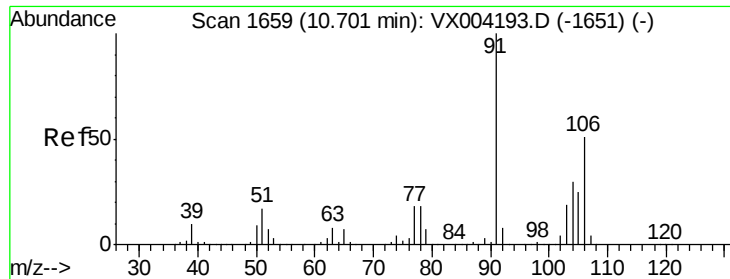
MMDadoda
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#68
m/p-Xylenes
Concen: 101.19 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion: 106 Resp: 821239
Ion Ratio Lower Upper
106 100
91 199.3 162.3 243.5





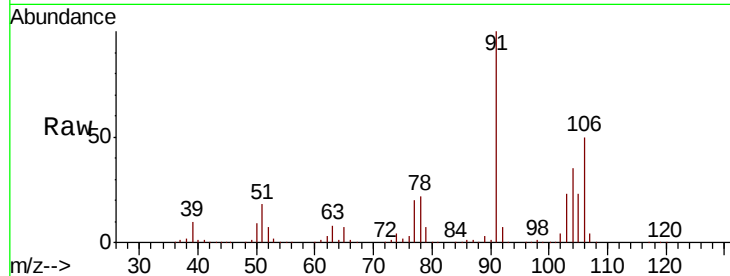
#69
o-Xylene
Concen: 49.39 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

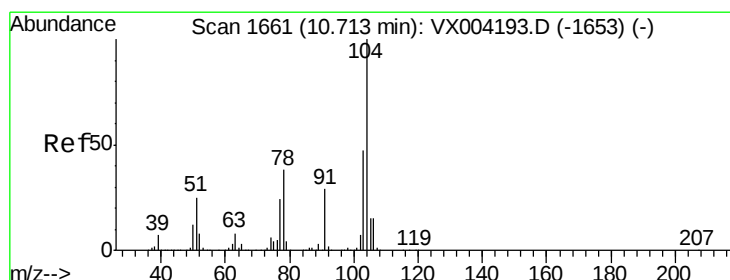
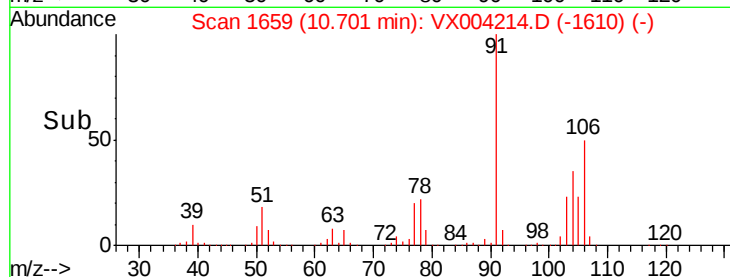
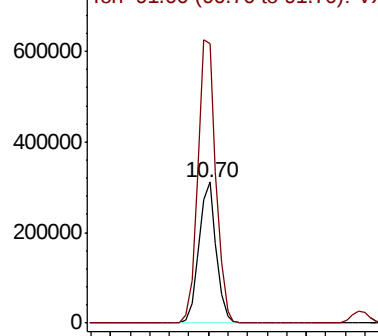
Tot Ion:106 Resp: 379170
Ion Ratio Lower Upper
106 100
91 209.8 101.9 305.7

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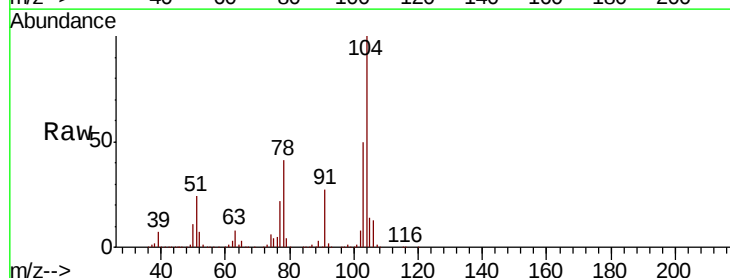


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

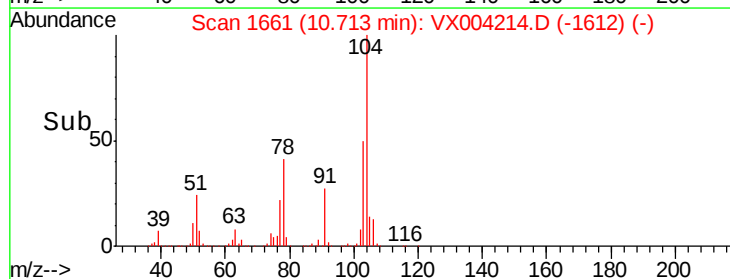
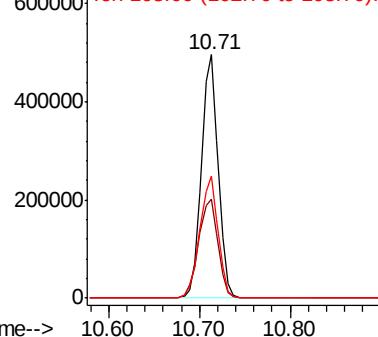


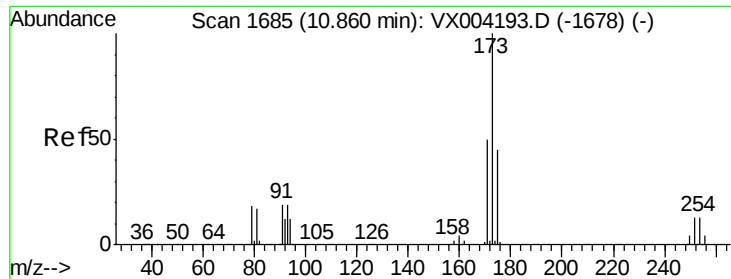
#70
Styrene
Concen: 50.92 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion:104 Resp: 632927
Ion Ratio Lower Upper
104 100
78 47.3 39.8 59.6
103 54.6 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





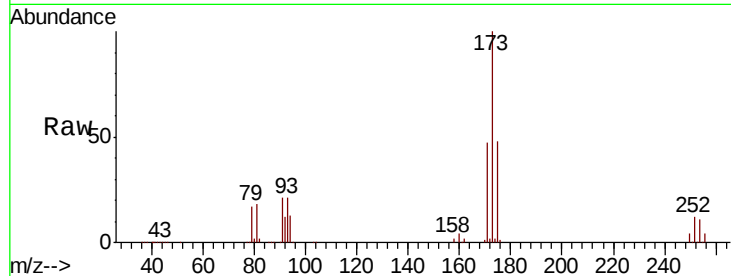
#71
Bromoform
Concen: 46.99 ug/l
RT: 10.85 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.9	74.7
254	0.2	0.2	0.2

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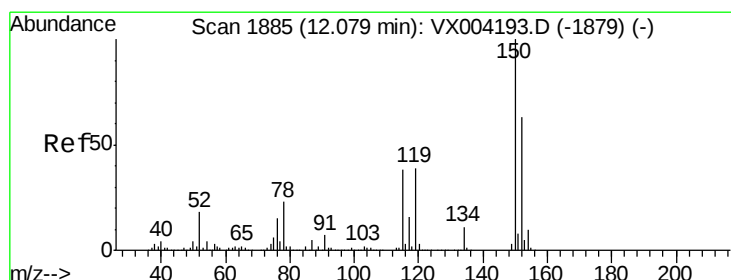
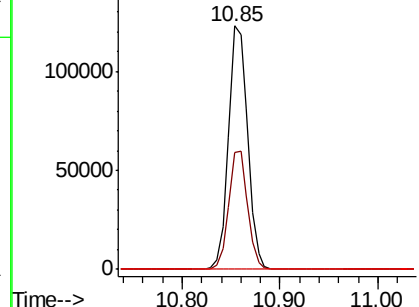
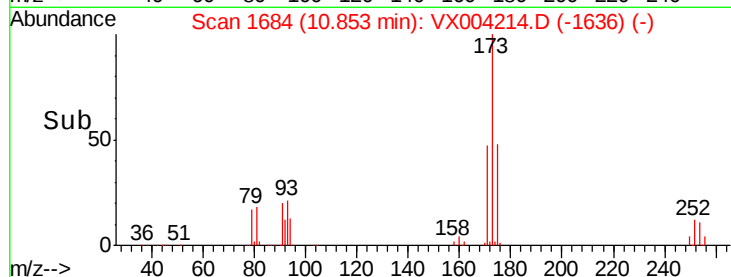


Abundance

Ion 172.70 (172.40 to 173.40): V

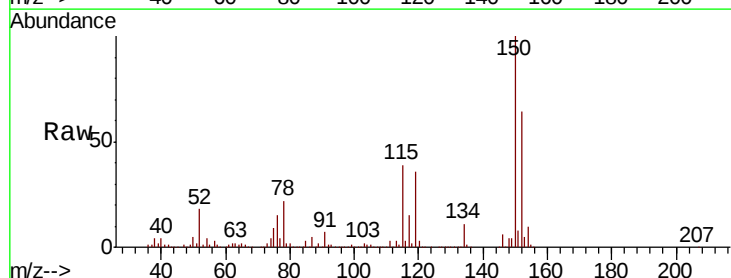
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.7	39.1	117.3
150	178.9	0.0	349.2

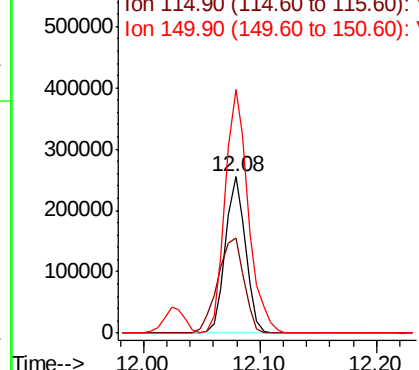
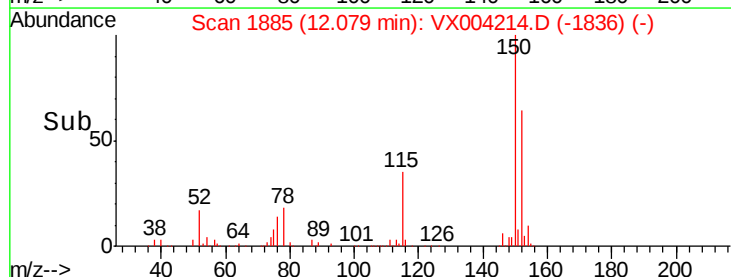


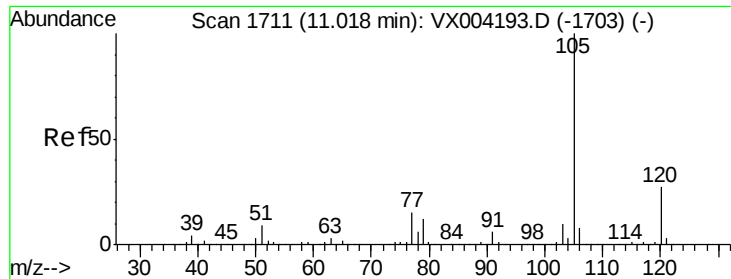
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





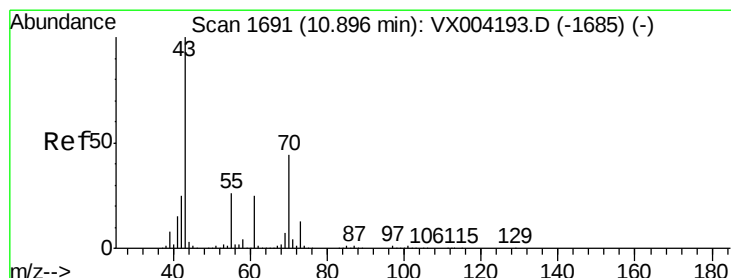
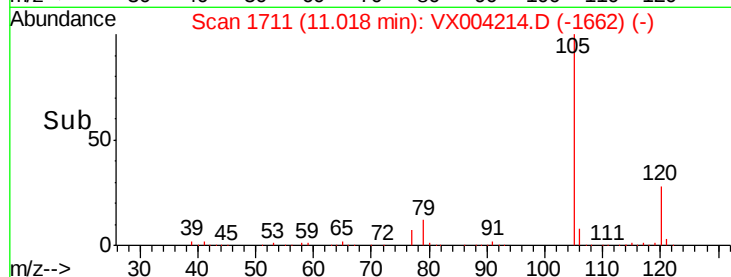
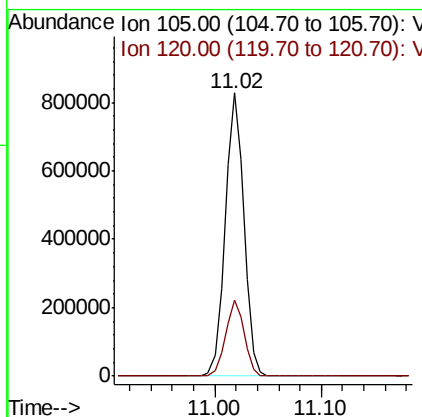
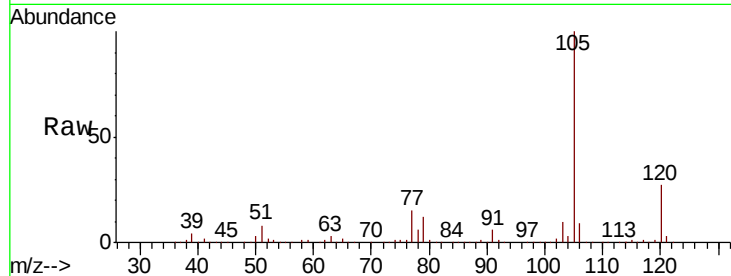
#73
Isopropylbenzene
Concen: 50.87 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 1014311
Ion Ratio Lower Upper
105 100
120 27.0 12.6 37.8

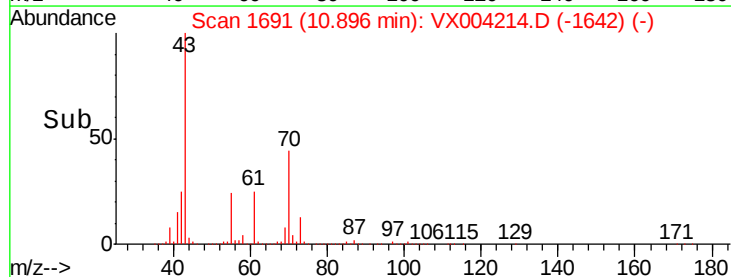
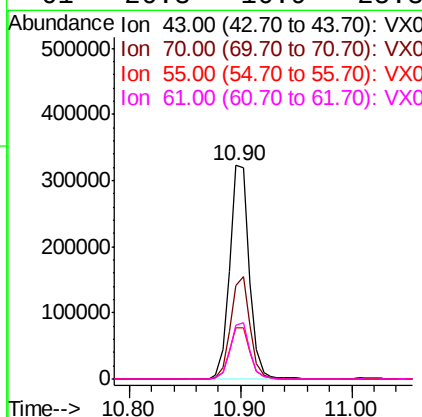
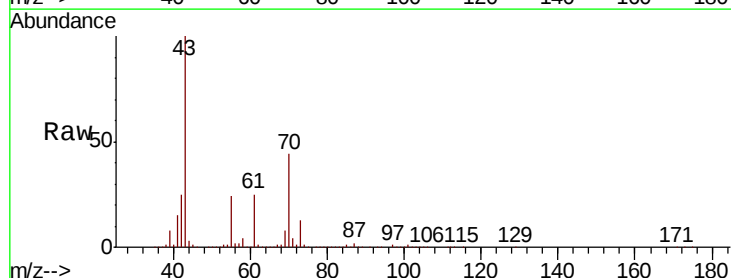
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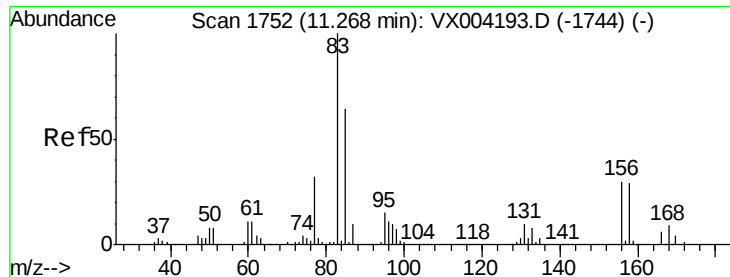
MMDadoda
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#74
N-ethyl acetate
Concen: 50.95 ug/l
RT: 10.90 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion: 43 Resp: 391173
Ion Ratio Lower Upper
43 100
70 47.1 0.0 0.0#
55 25.4 0.1 0.1#
61 26.3 16.9 25.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 44.74 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

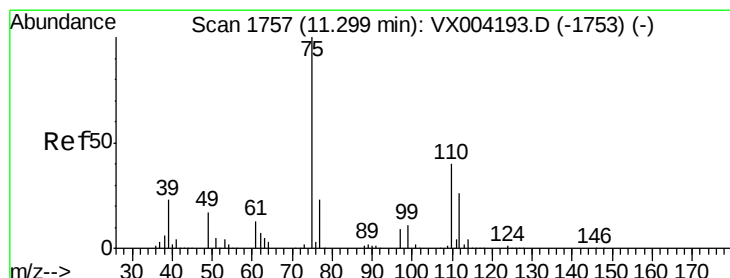
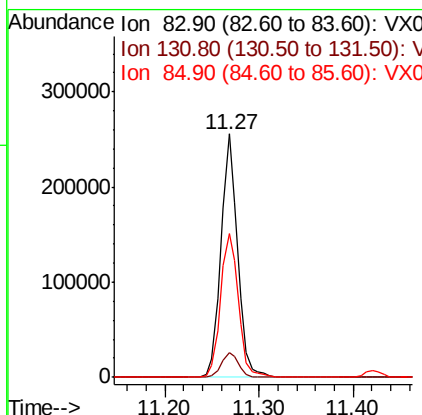
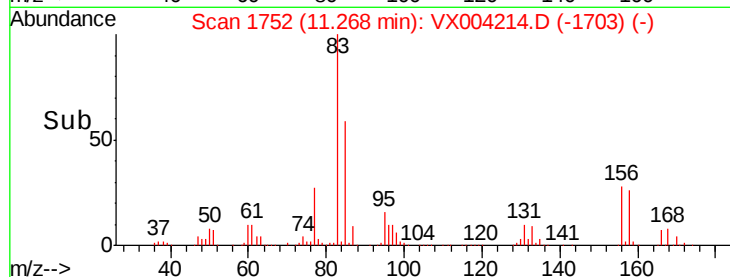
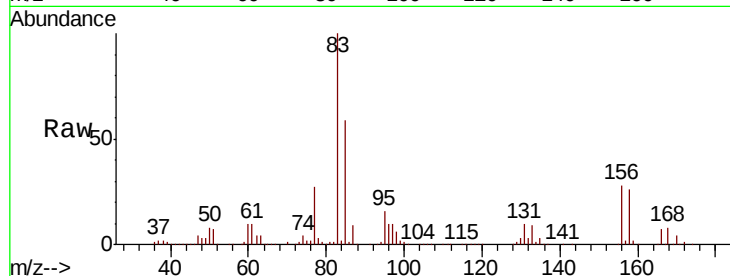
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	312210
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	63.6	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.64 ug/l m

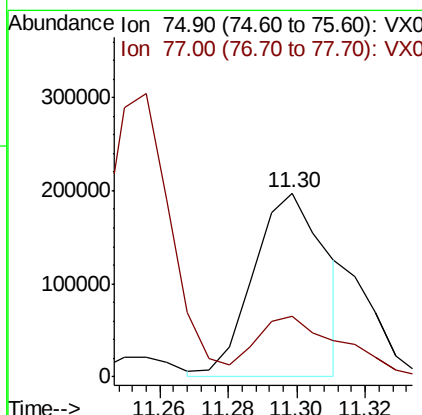
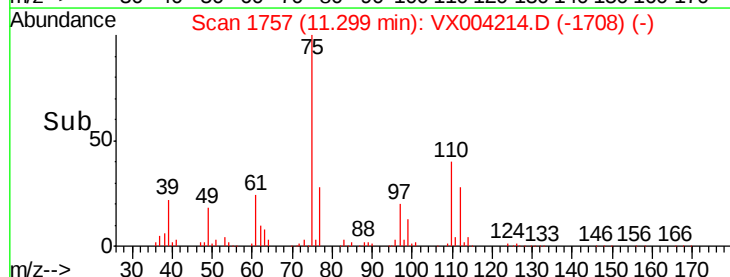
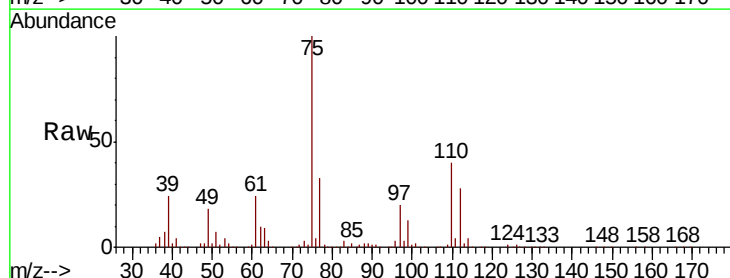
RT: 11.30 min Scan# 1757

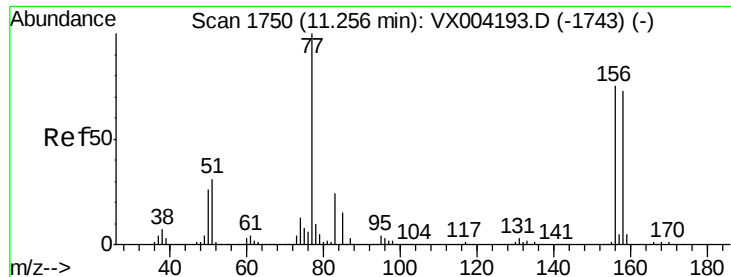
Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Tgt Ion:	75	Resp:	289871
Ion Ratio	Lower	Upper	
75	100		
77	39.0	20.8	62.5





#77

Bromobenzene

Concen: 48.86 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

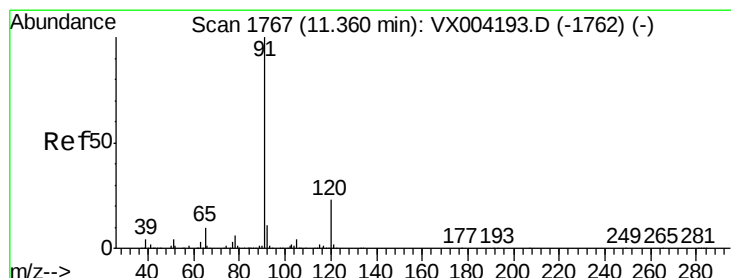
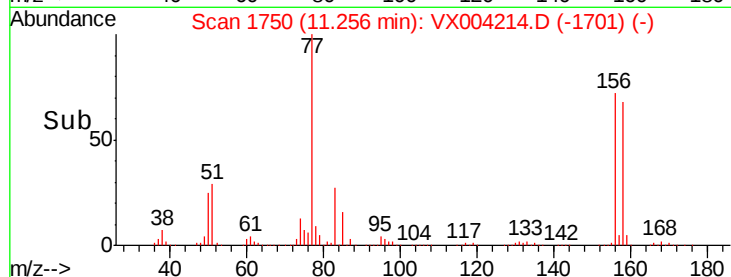
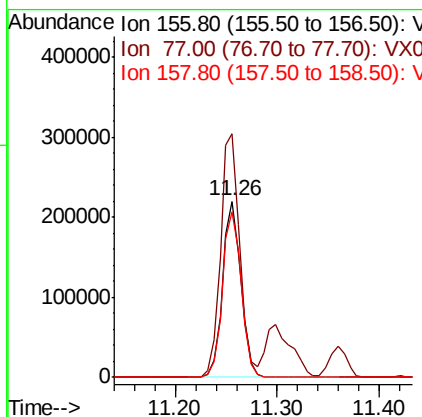
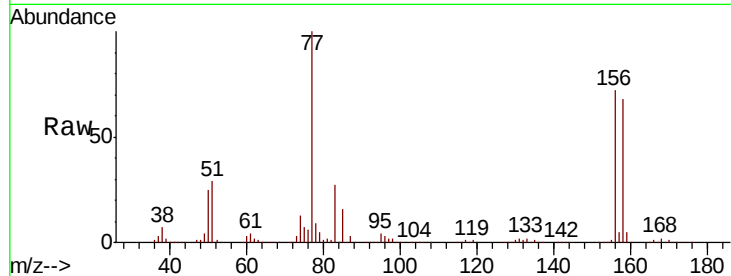
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	273305
Ion Ratio	Lower	Upper	
156	100		
77	146.2	74.1	222.2
158	96.9	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 51.32 ug/l

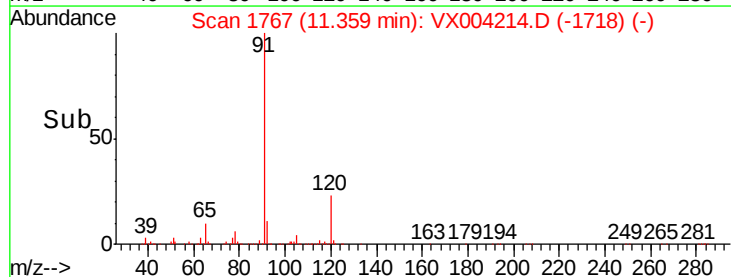
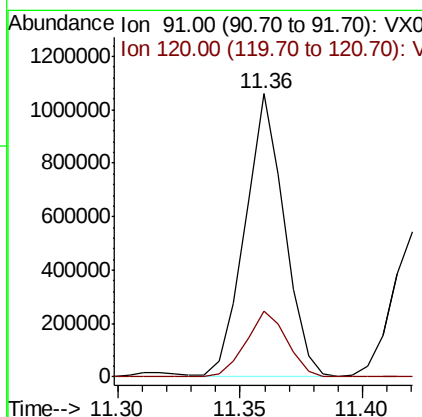
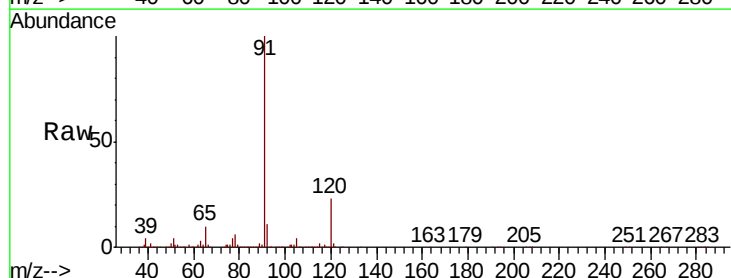
RT: 11.36 min Scan# 1767

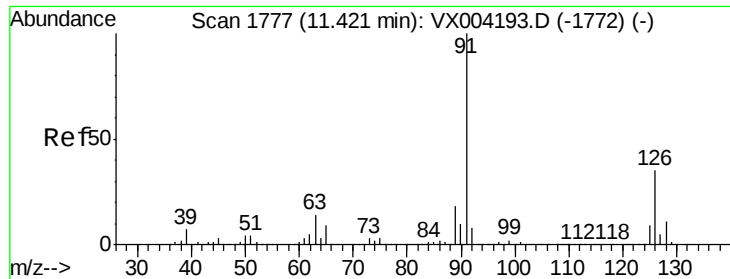
Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Tgt Ion:	91	Resp:	1177102
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.9	35.5





#79

2-Chlorotoluene

Concen: 48.17 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 680054

Ion Ratio Lower Upper

91 100

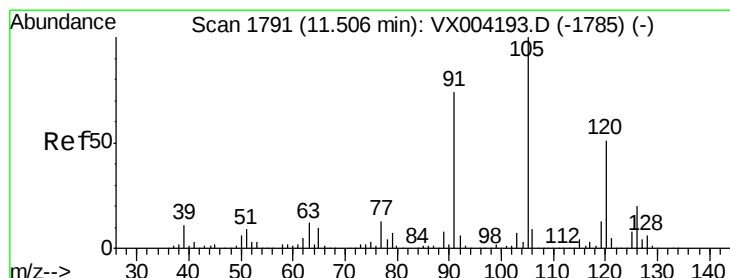
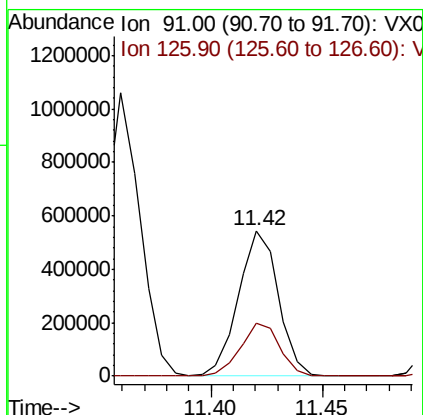
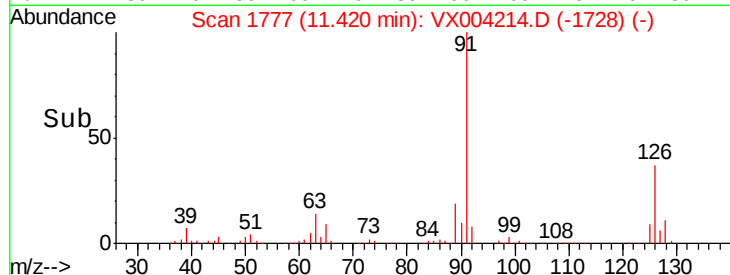
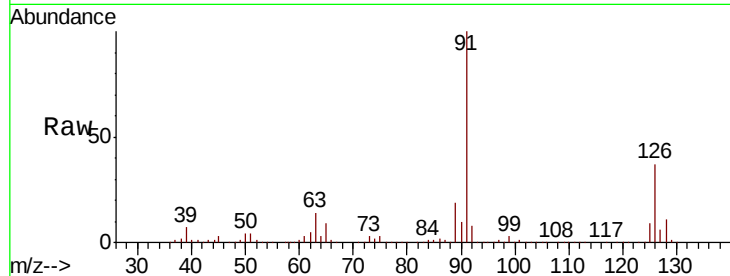
126 36.1 17.4 52.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.15 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004214.D

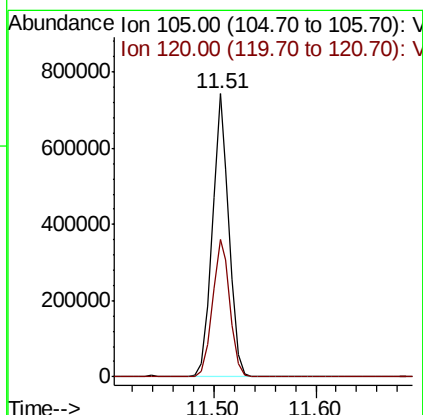
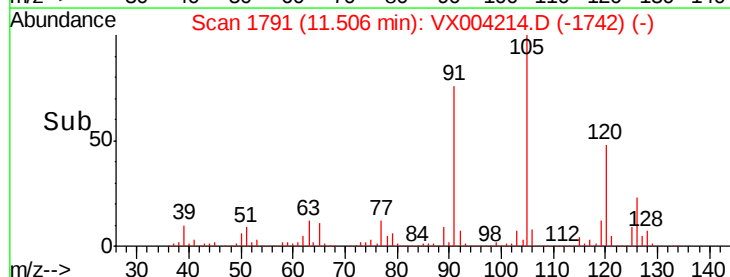
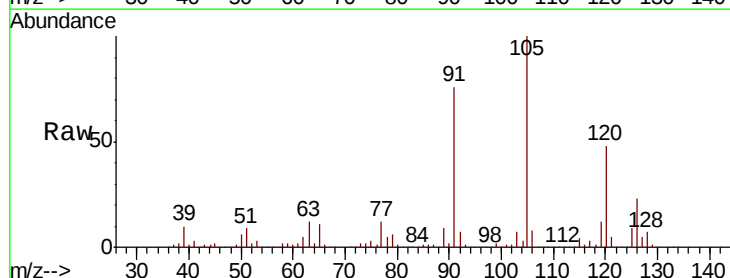
Acq: 23 Aug 2018 09:13

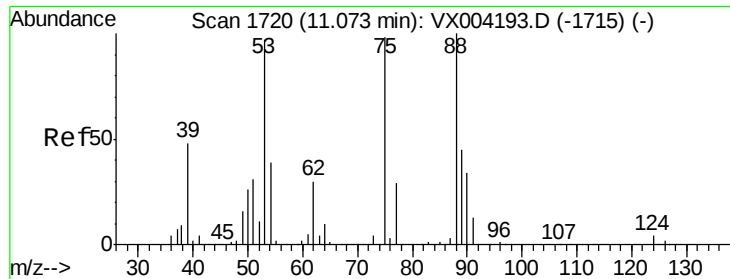
Tgt Ion: 105 Resp: 844636

Ion Ratio Lower Upper

105 100

120 51.1 25.4 76.2





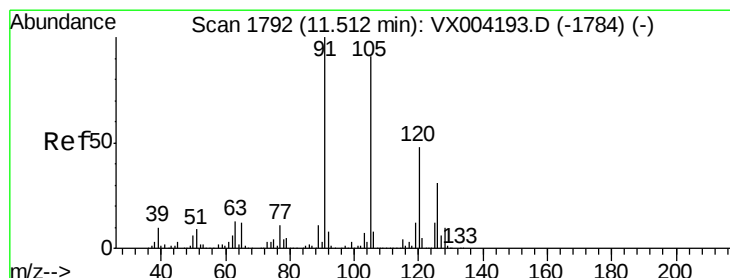
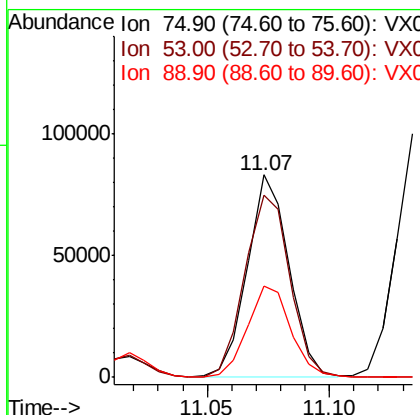
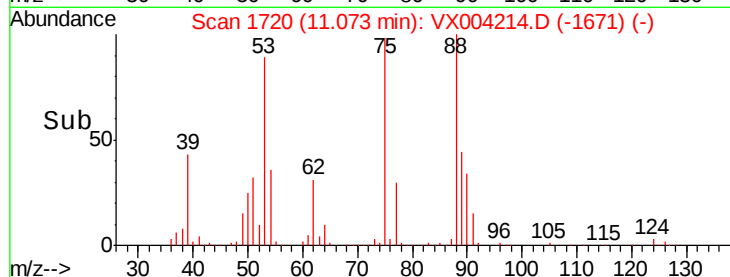
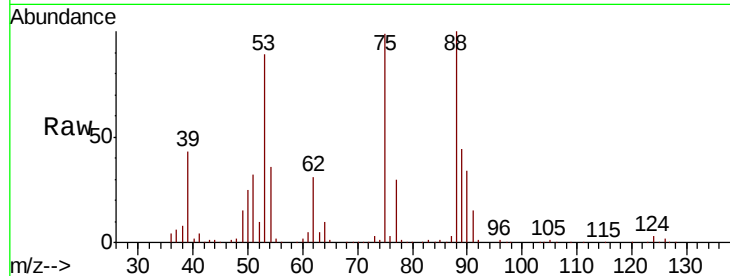
#81
trans-1,4-Dichloro-2-butene
Concen: 51.69 ug/l
RT: 11.07 min Scan# 1720
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.1	80.3	120.5
89	47.5	37.8	56.8

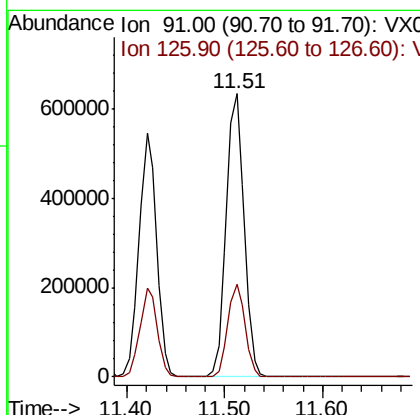
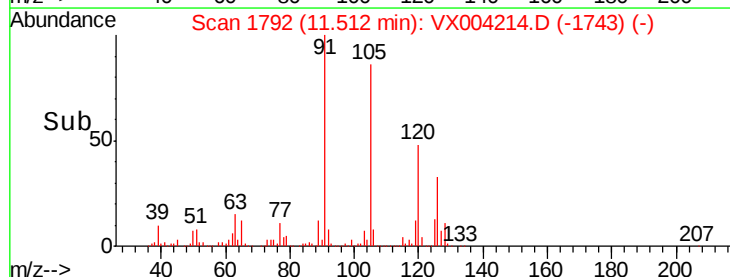
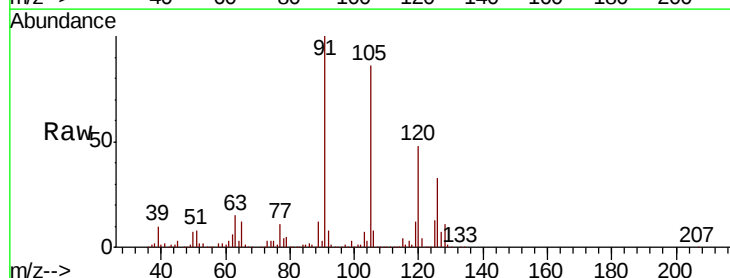
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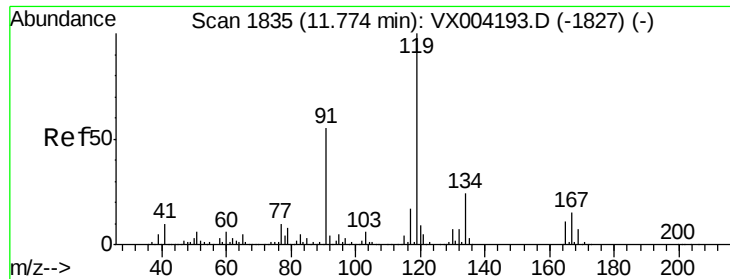
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#82
4-Chlorotoluene
Concen: 48.54 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.6	46.7





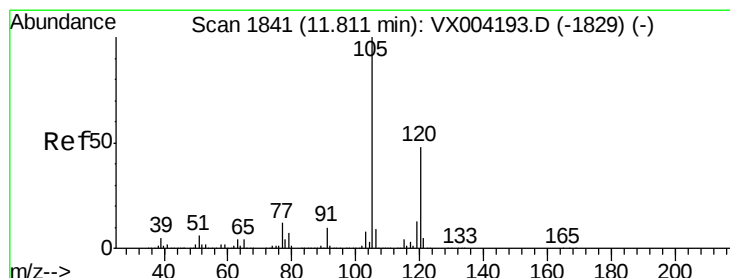
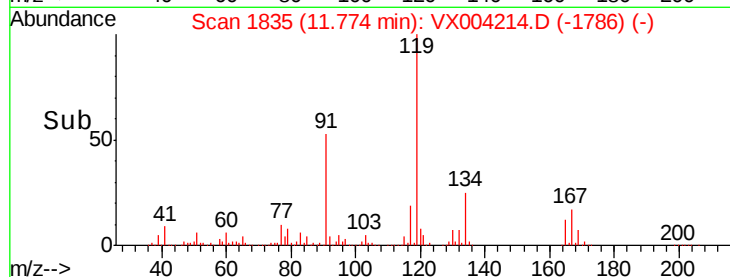
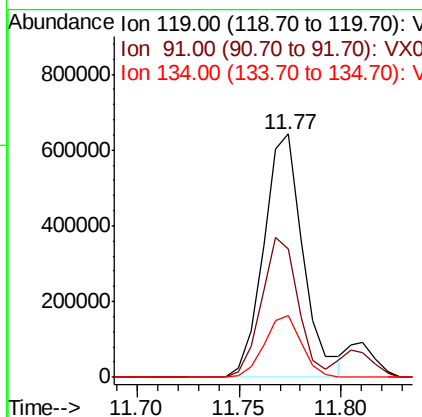
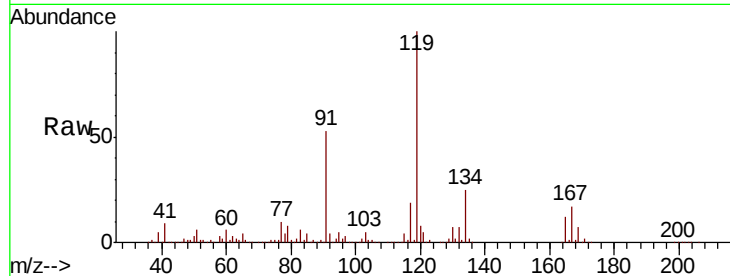
#83
tert-Butylbenzene
Concen: 52.19 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	867157		
91	53.4	26.9	80.7	
134	24.0	12.0	36.0	

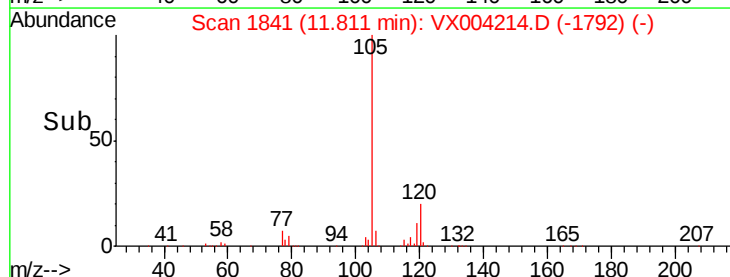
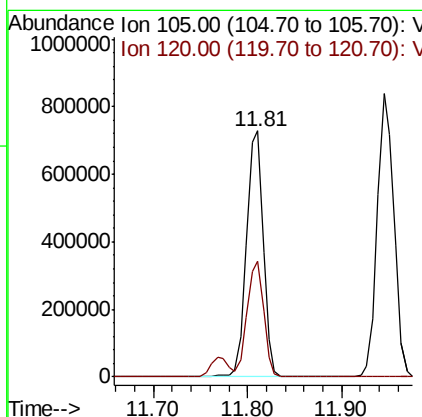
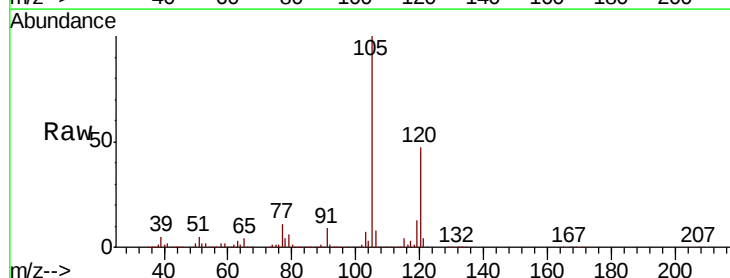
Manual Integrations
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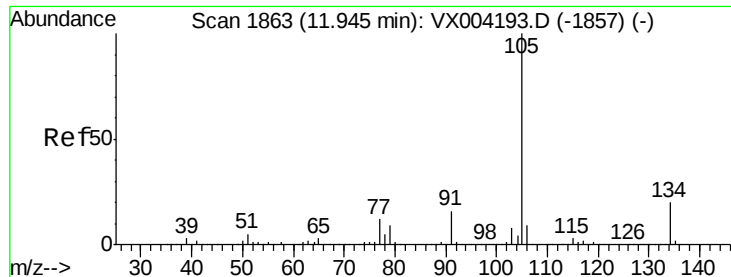
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 53.37 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	904683		
120	46.3	23.1	69.2	





#85

sec-Butylbenzene

Concen: 52.15 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1028621

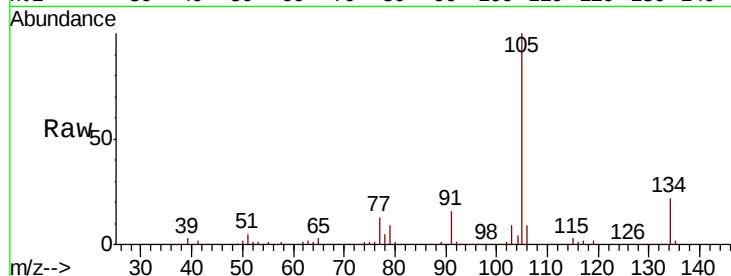
Ion Ratio Lower Upper

105 100

134 21.8 10.3 30.9

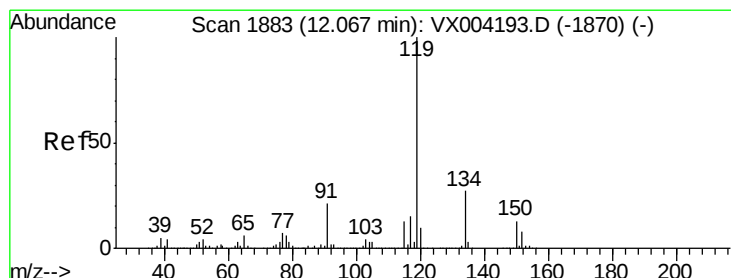
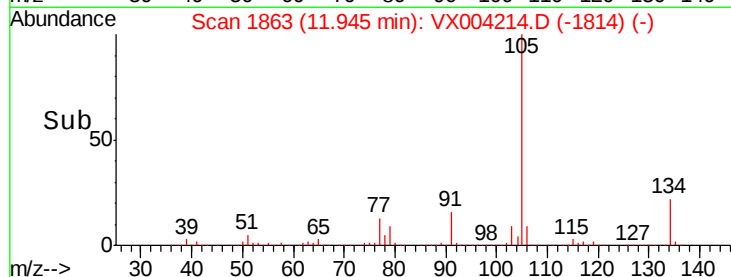
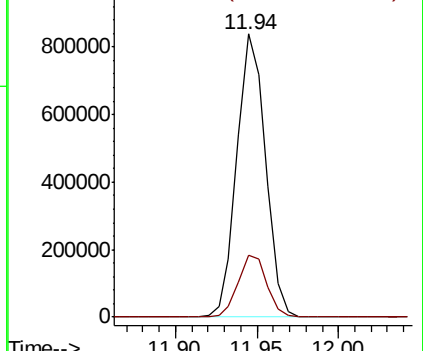
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.07 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

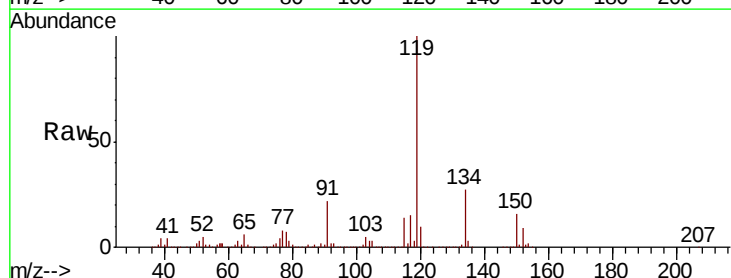
Tgt Ion:119 Resp: 955806

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

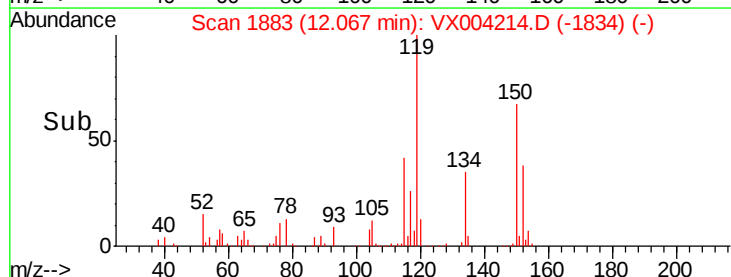
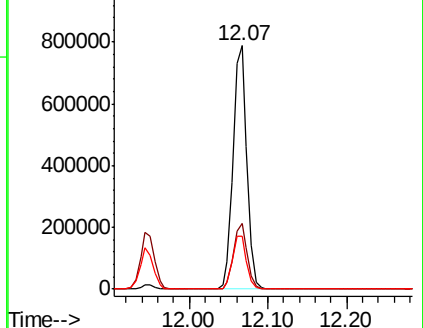
91 22.3 10.9 32.7

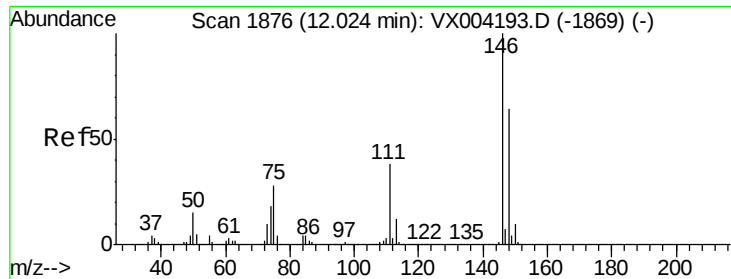


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.40 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

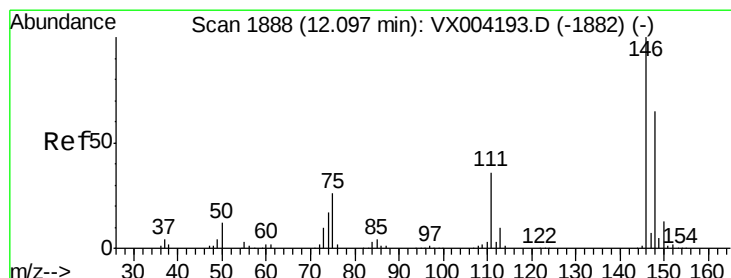
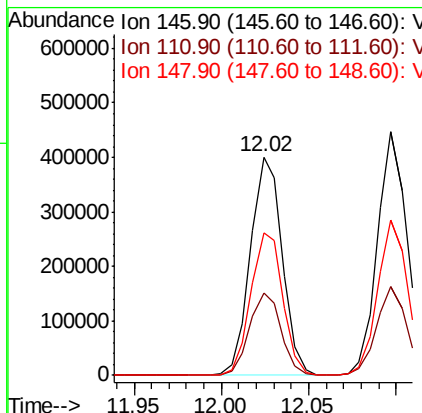
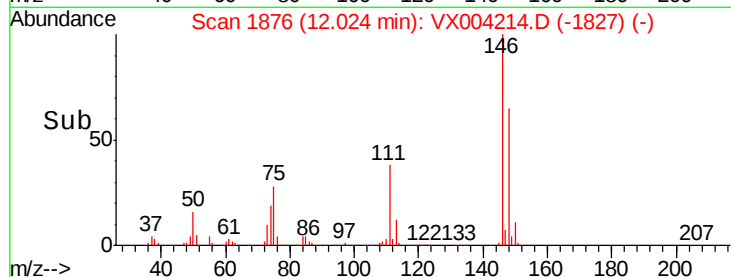
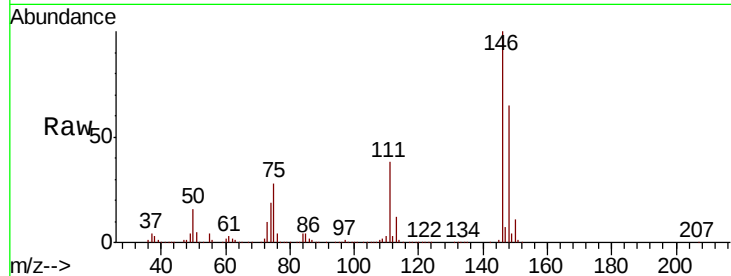
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	509766
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.8	56.4
148	65.9	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.56 ug/l

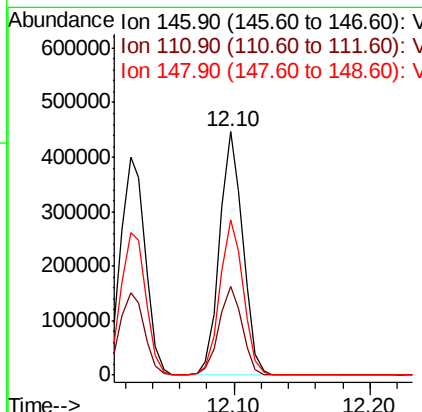
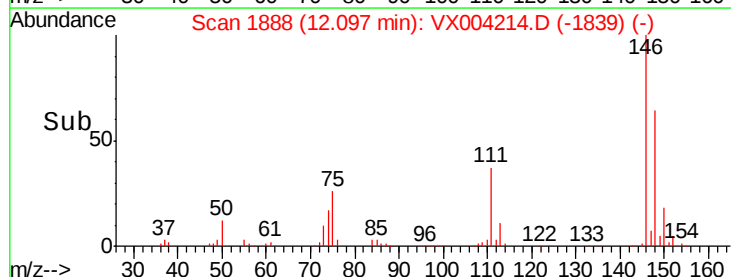
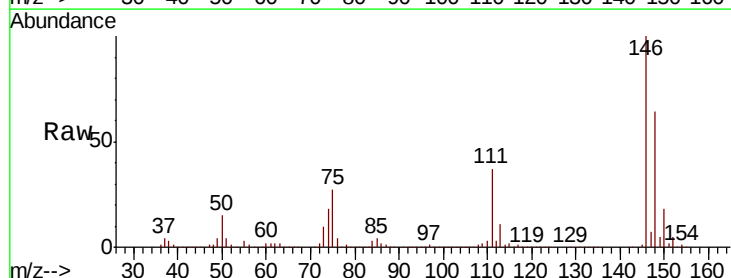
RT: 12.10 min Scan# 1888

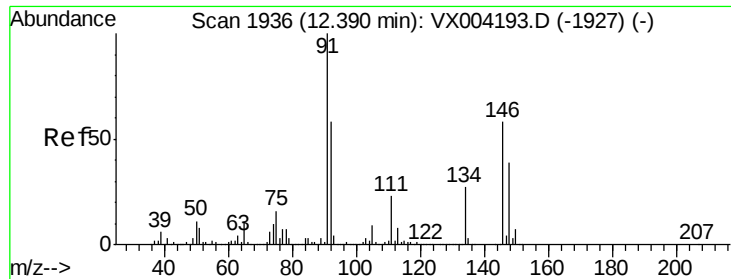
Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Tgt Ion:	146	Resp:	526718
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.4	55.0
148	64.4	32.3	96.8





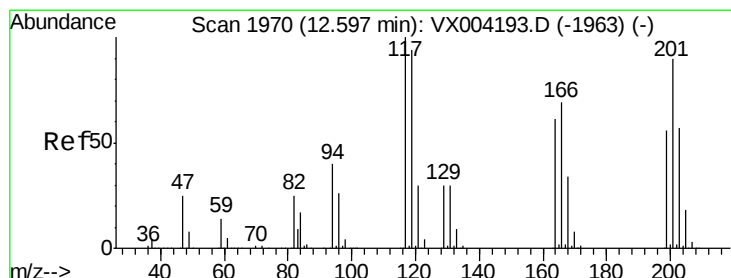
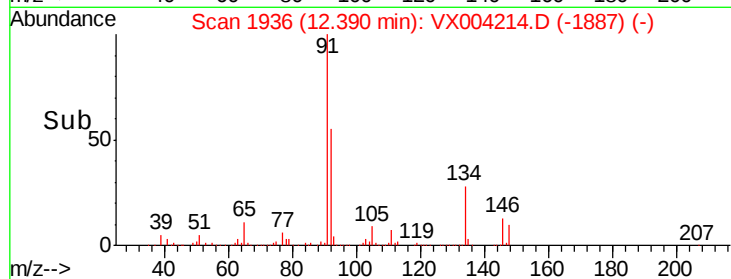
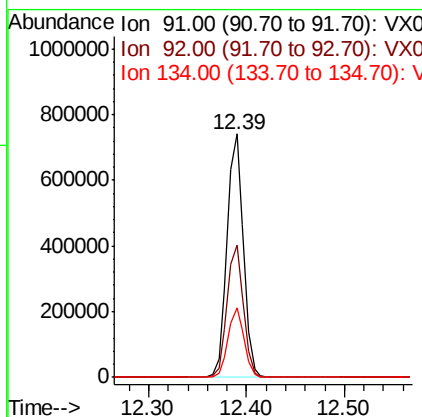
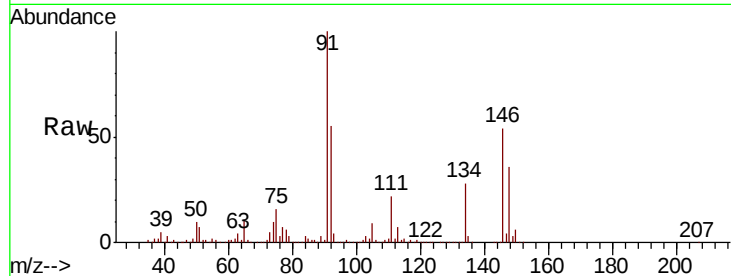
#89
n-Butylbenzene
Concen: 59.65 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.1	81.3
134	28.0	13.6	40.7

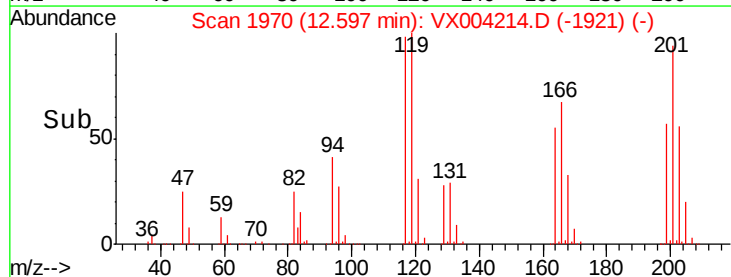
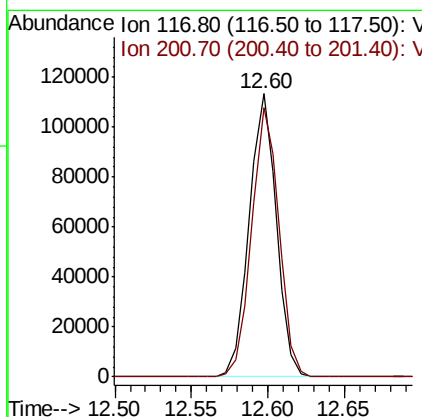
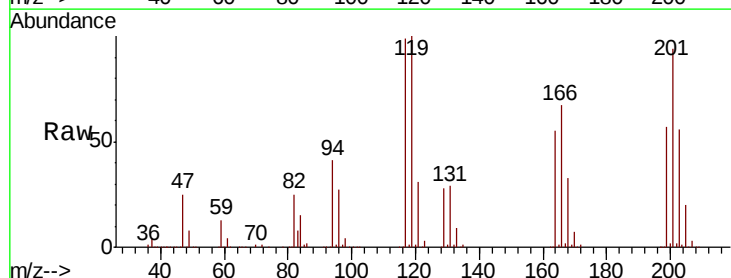
Manual Integrations
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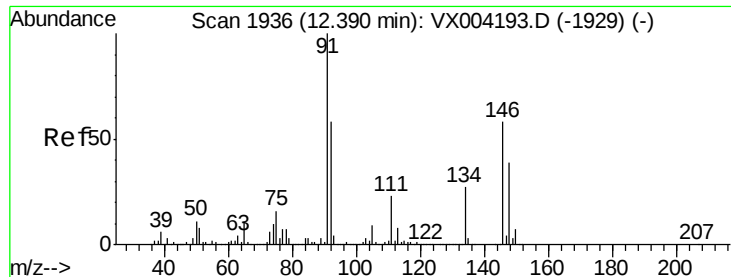
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#90
Hexachloroethane
Concen: 56.65 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.7	46.1	138.2





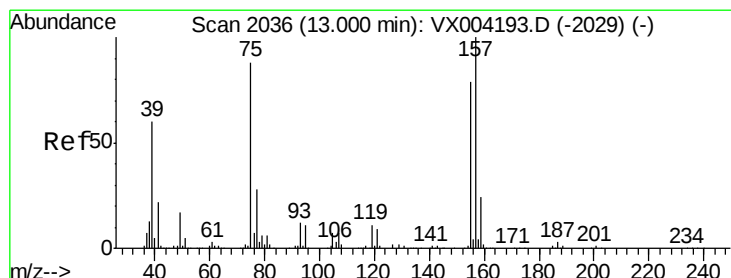
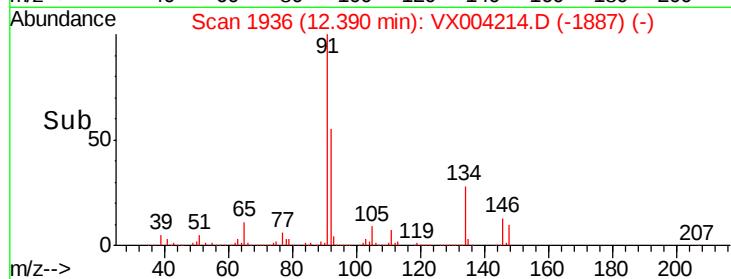
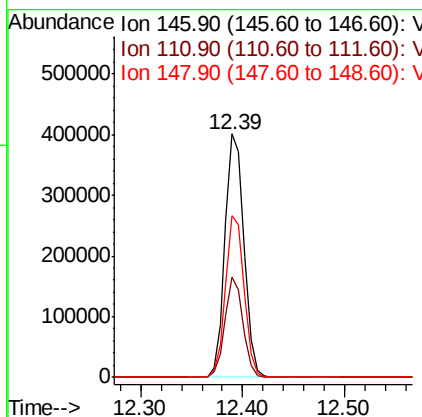
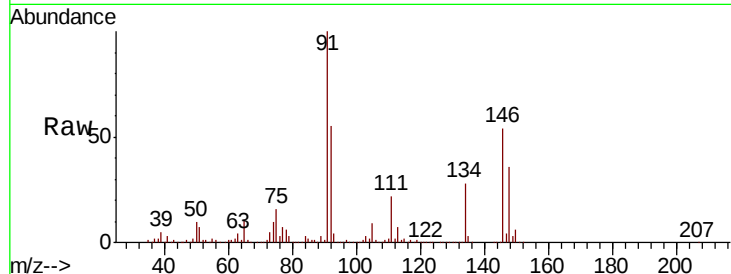
#91
 1,2-Dichlorobenzene
 Concen: 53.71 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.0
148	64.9	31.9	95.5

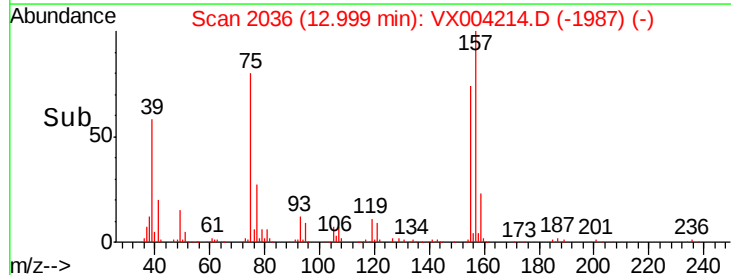
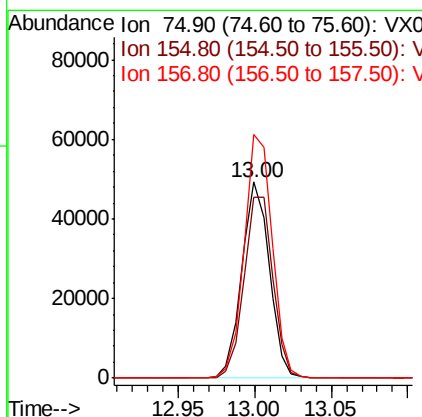
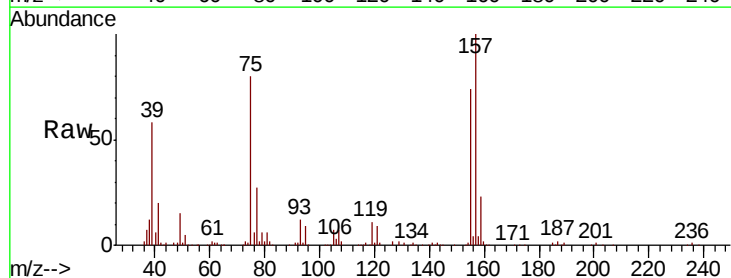
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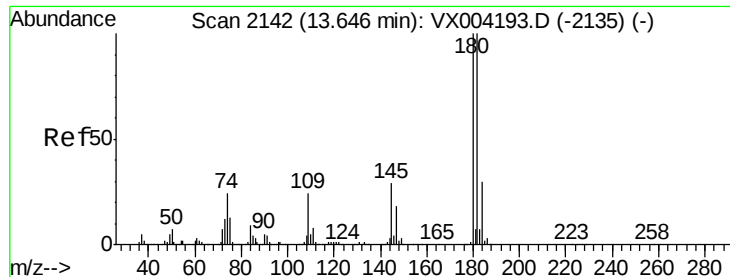
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.06 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	48.7	146.1
157	126.5	62.6	187.8





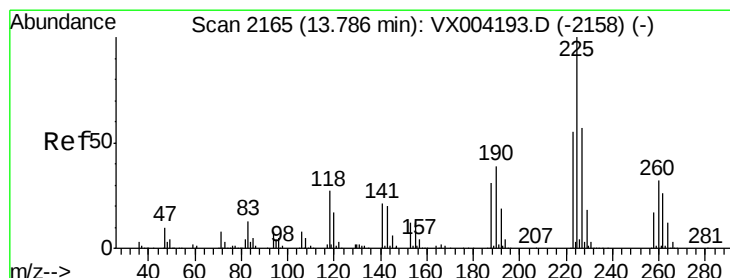
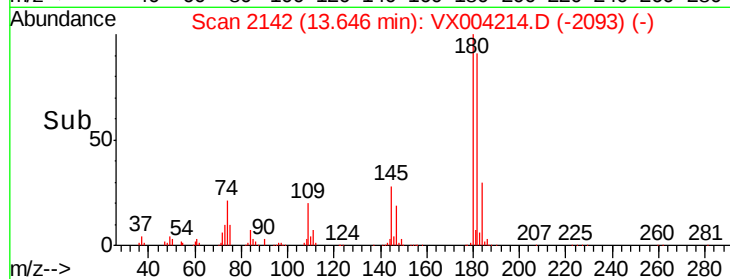
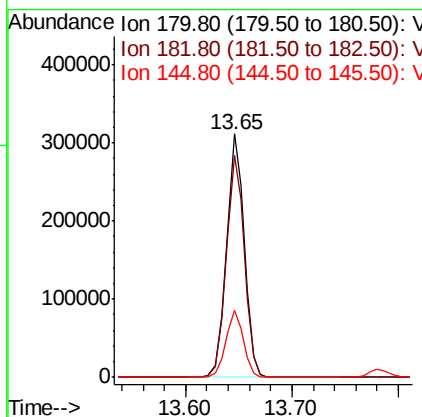
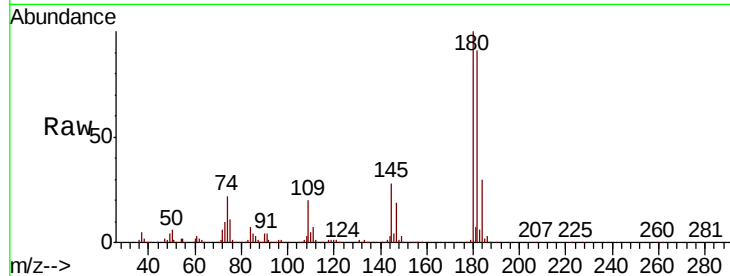
#93
 1,2,4-Trichlorobenzene
 Concen: 51.87 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.3	47.7	143.1	
145	27.1	13.9	41.6	

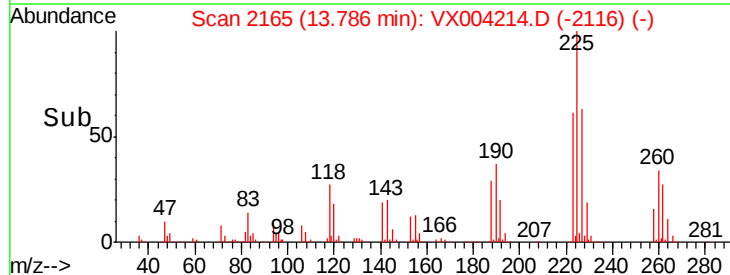
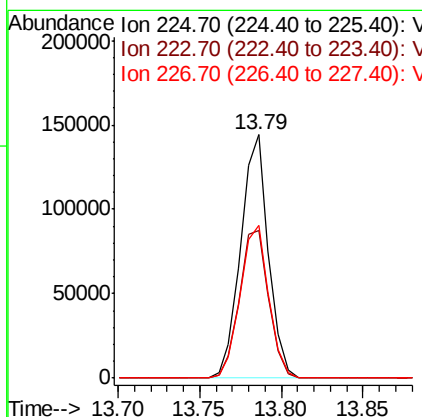
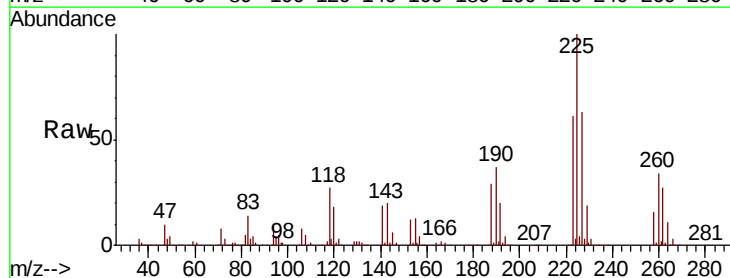
Manual Integrations
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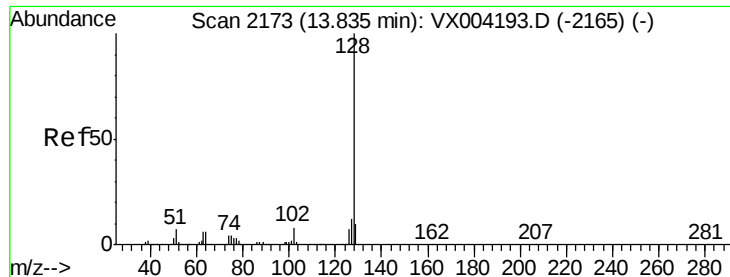
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#94
 Hexachlorobutadiene
 Concen: 52.34 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.5	31.4	94.0	
227	64.5	32.1	96.5	





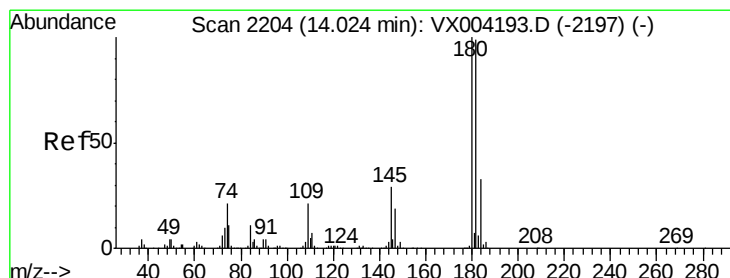
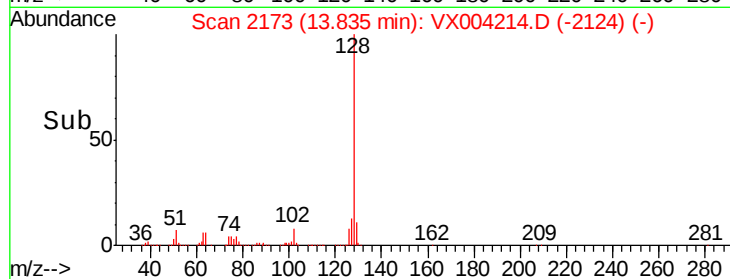
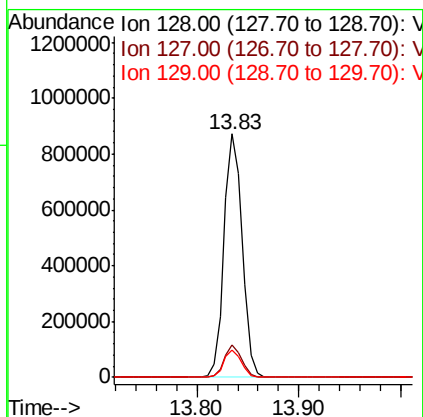
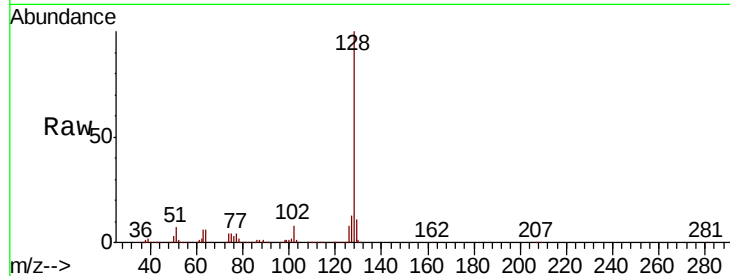
#95
Naphthalene
Concen: 54.56 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.11 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.1	144.4
145	29.8	14.9	44.7

