

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
 Data File : VX004212.D
 Acq On : 22 Aug 2018 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/23/2018 9:40:51 AM

Quant Time: Aug 23 07:51:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	338511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	508220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	446787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	287445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	216449	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	5.50	113	183121	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	704358	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	266438	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	207787	53.00	ug/l	98
3) Chloromethane	1.32	50	209481	48.35	ug/l	98
4) Vinyl Chloride	1.40	62	224472	50.61	ug/l	100
5) Bromomethane	1.64	94	103851	47.40	ug/l	96
6) Chloroethane	1.71	64	144292	45.70	ug/l	99
7) Trichlorofluoromethane	1.92	101	304265	50.06	ug/l	99
8) Diethyl Ether	2.19	74	131693	50.60	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	184619	48.49	ug/l	99
10) Methyl Iodide	2.51	142	186951	44.07	ug/l	99
11) Tert butyl alcohol	3.07	59	240931	256.18	ug/l	100
12) 1,1-Dichloroethene	2.37	96	179319	50.00	ug/l	97
13) Acrolein	2.29	56	58002	255.81	ug/l	100
14) Allyl chloride	2.72	41	322499	48.95	ug/l	99
15) Acrylonitrile	3.15	53	561019	240.87	ug/l	99
16) Acetone	2.45	43	456341	253.48	ug/l	98
17) Carbon Disulfide	2.57	76	483267	48.55	ug/l	99
18) Methyl Acetate	2.78	43	336684	51.42	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	608129	51.46	ug/l	100
20) Methylene Chloride	2.85	84	200683	47.25	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	190766	48.06	ug/l	95
22) Diisopropyl ether	3.87	45	616830	50.14	ug/l	94
23) Vinyl Acetate	3.82	43	2502715	251.01	ug/l	99
24) 1,1-Dichloroethane	3.69	63	342817	47.82	ug/l	99
25) 2-Butanone	4.70	43	749370	253.52	ug/l	99
26) 2,2-Dichloropropane	4.58	77	232879	41.41	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	222505	49.42	ug/l	98
28) Bromochloromethane	5.01	49	157805	49.72	ug/l	99
29) Tetrahydrofuran	5.16	42	477321	251.80	ug/l	98
30) Chloroform	5.21	83	354689	49.34	ug/l	99
31) Cyclohexane	5.57	56	315789	51.05	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	300464	50.13	ug/l	100
36) 1,1-Dichloropropene	5.79	75	272618	47.71	ug/l	99
37) Ethyl Acetate	4.85	43	276991	49.29	ug/l	99
38) Carbon Tetrachloride	5.78	117	263513	49.03	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	330987	50.74	ug/l	99
40) Benzene	6.14	78	829141	48.57	ug/l	100
41) Methacrylonitrile	5.06	41	161693	49.64	ug/l	99
42) 1,2-Dichloroethane	6.20	62	278004	47.74	ug/l	100
43) Isopropyl Acetate	6.46	43	446950	51.76	ug/l	99
44) Trichloroethene	7.21	130	224572	47.52	ug/l	98
45) 1,2-Dichloropropane	7.52	63	208989	48.91	ug/l	99
46) Dibromomethane	7.66	93	136932	48.13	ug/l	98
47) Bromodichloromethane	7.90	83	260784	49.26	ug/l	99
48) Methyl methacrylate	7.77	41	237080	51.31	ug/l	99
49) 1,4-Dioxane	7.76	88	107263	1022.56	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1488937	237.33	ug/l	99
52) Toluene	8.79	92	528477	49.45	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	296550	50.72	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	322863	50.69	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	212543	49.27	ug/l	98
56) Ethyl methacrylate	9.18	69	320332	54.55	ug/l	98
57) 1,3-Dichloropropane	9.37	76	357826	49.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	804297	267.29	ug/l	99
59) 2-Hexanone	9.50	43	1139372	238.06	ug/l	99
60) Dibromochloromethane	9.59	129	214128	50.95	ug/l	100
61) 1,2-Dibromoethane	9.67	107	222898	49.93	ug/l	100
64) Tetrachloroethene	9.34	164	216336	49.02	ug/l	99
65) Chlorobenzene	10.14	112	557053	49.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	201786	52.17	ug/l	96
67) Ethyl Benzene	10.26	91	959716	52.70	ug/l	100
68) m/p-Xylenes	10.36	106	751432	105.53	ug/l	95
69) o-Xylene	10.70	106	381907	56.70	ug/l	96
70) Styrene	10.71	104	587683	53.89	ug/l	98
71) Bromoform	10.86	173	158952	50.99	ug/l	99
73) Isopropylbenzene	11.02	105	1019870	54.02	ug/l	99
74) N-amyl acetate	10.90	43	394577	54.28	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	329241	49.83	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	293510m	50.21	ug/l	
77) Bromobenzene	11.26	156	268026	50.61	ug/l	98
78) n-propylbenzene	11.36	91	1183256	54.49	ug/l	100
79) 2-Chlorotoluene	11.42	91	686821	51.39	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	861457	55.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	91337	50.69	ug/l	97
82) 4-Chlorotoluene	11.51	91	806687	51.29	ug/l	99
83) tert-Butylbenzene	11.77	119	859043	54.61	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	905292	56.41	ug/l	100
85) sec-Butylbenzene	11.94	105	1009139	54.04	ug/l	100
86) p-Isopropyltoluene	12.07	119	915279	54.69	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	497581	49.90	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	508537	48.37	ug/l	100
89) n-Butylbenzene	12.39	91	721352	53.00	ug/l	99
90) Hexachloroethane	12.60	117	123031	52.59	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	472441	51.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60810	52.26	ug/l	96

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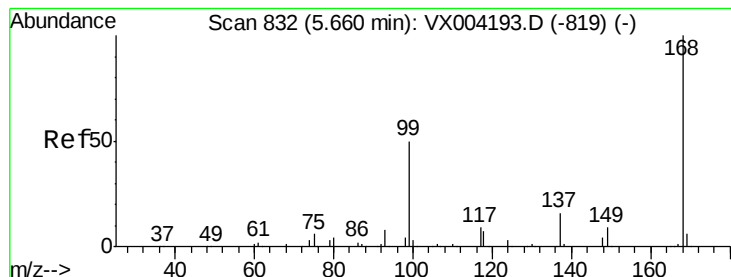
Manual Integrations
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QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	345079	52.04	ug/l	96
94) Hexachlorobutadiene	13.79	225	149391	48.43	ug/l	95
95) Naphthalene	13.83	128	1041454	55.53	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	368647	52.52	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 338511

Ion Ratio Lower Upper

168 100

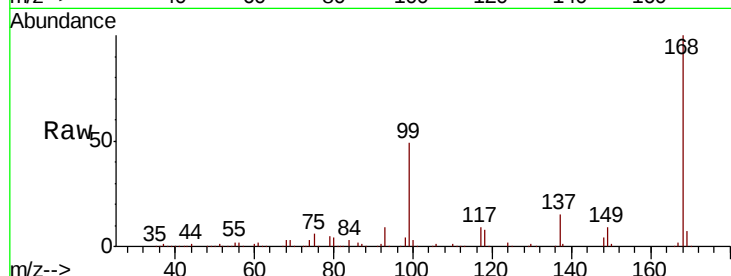
99 49.3 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

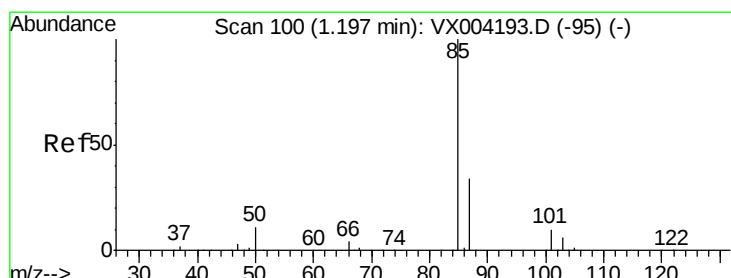
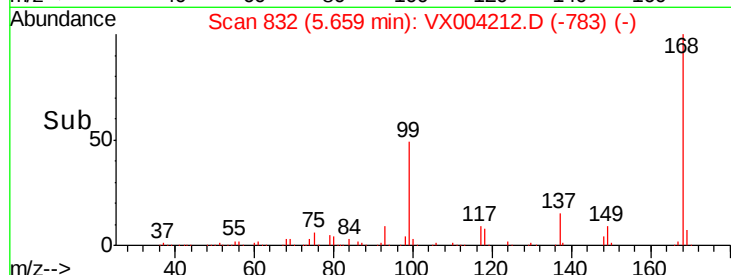
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004212.D

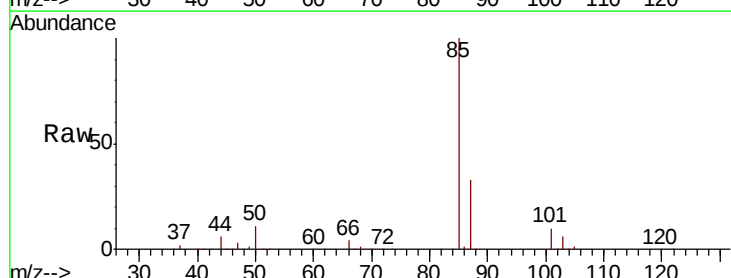
Acq: 22 Aug 2018 21:16

Tgt Ion: 85 Resp: 207787

Ion Ratio Lower Upper

85 100

87 32.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

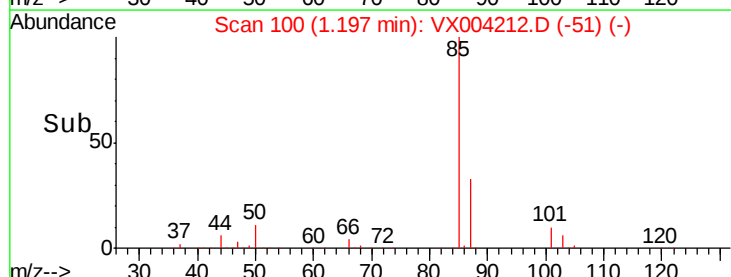
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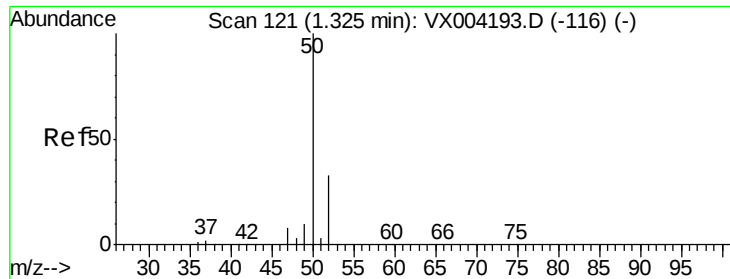
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.35 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 209481

Ion Ratio Lower Upper

50 100

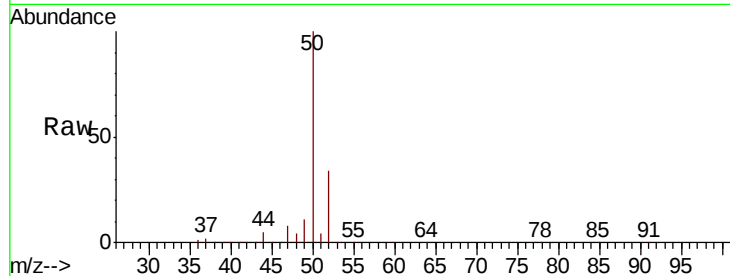
52 33.8 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

200000

150000

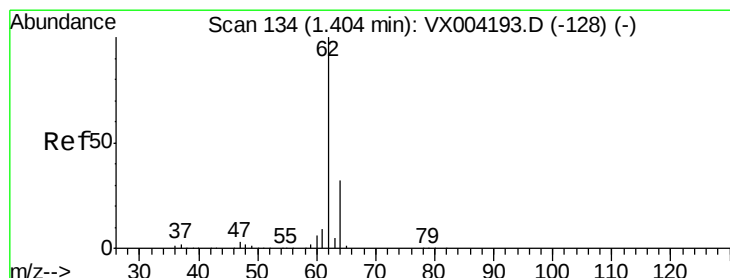
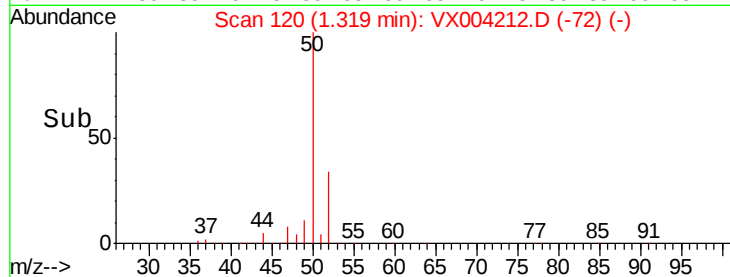
100000

50000

0

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 50.61 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004212.D

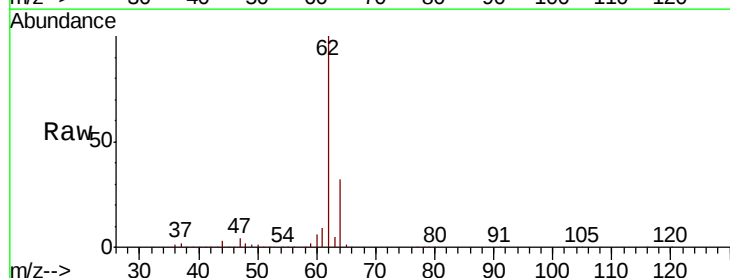
Acq: 22 Aug 2018 21:16

Tgt Ion: 62 Resp: 224472

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

250000

200000

150000

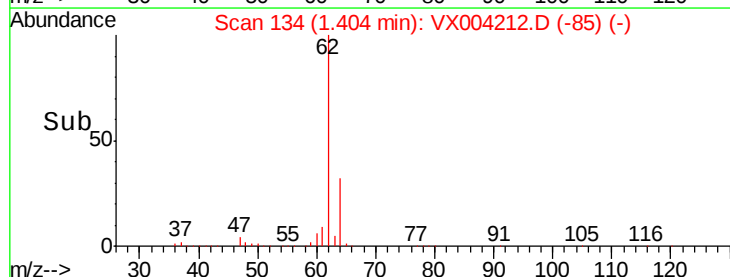
100000

50000

0

1.40 1.50

Time-->





#5

Bromomethane

Concen: 47.40 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 103851

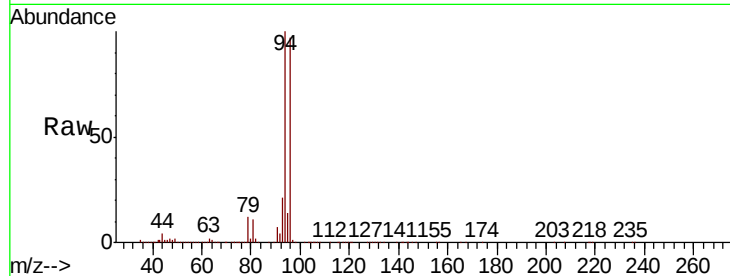
Ion Ratio Lower Upper

94 100

96 96.9 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

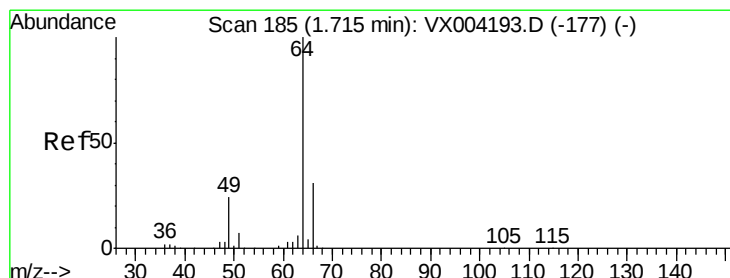
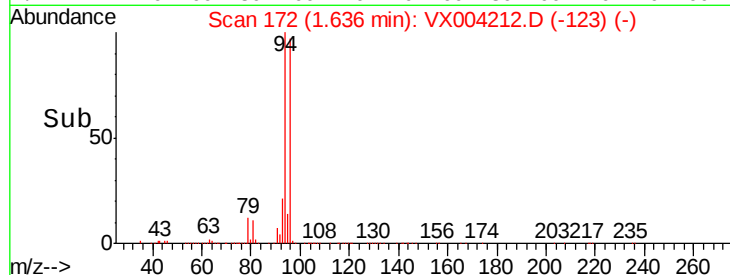
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 45.70 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX004212.D

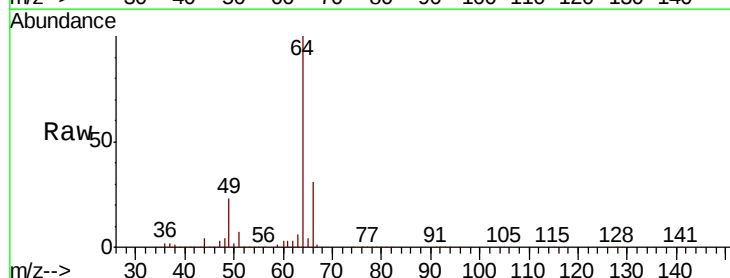
Acq: 22 Aug 2018 21:16

Tgt Ion: 64 Resp: 144292

Ion Ratio Lower Upper

64 100

66 31.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

120000

100000

80000

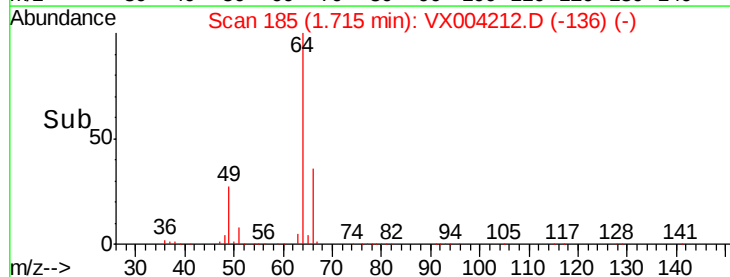
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40000

20000

0

Time-->





#7

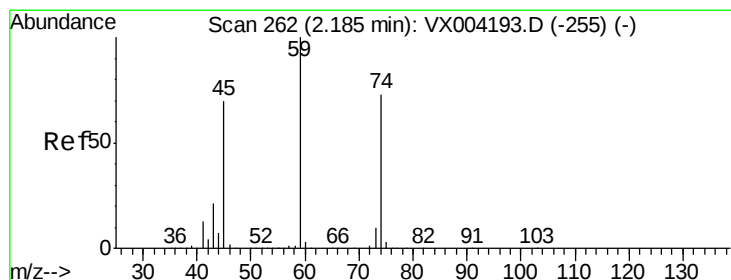
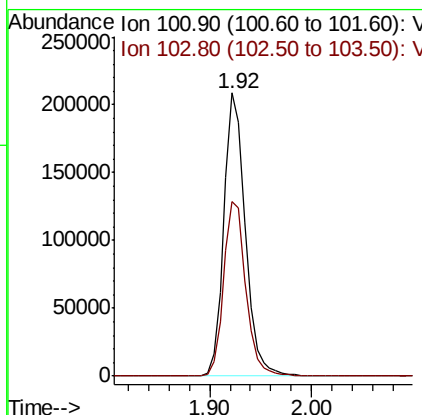
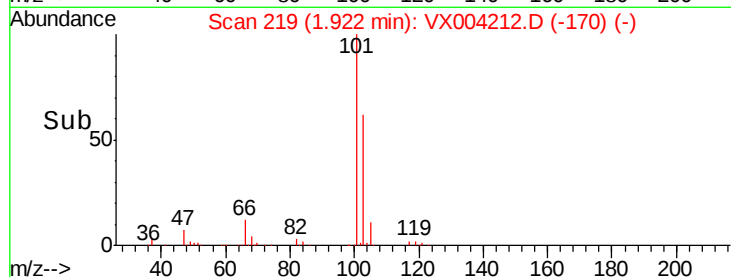
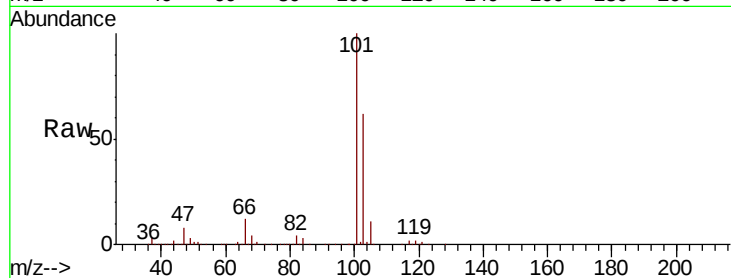
Trichlorofluoromethane
 Concen: 50.06 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	48.9	73.3

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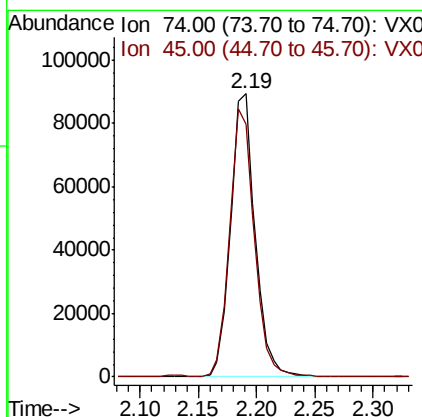
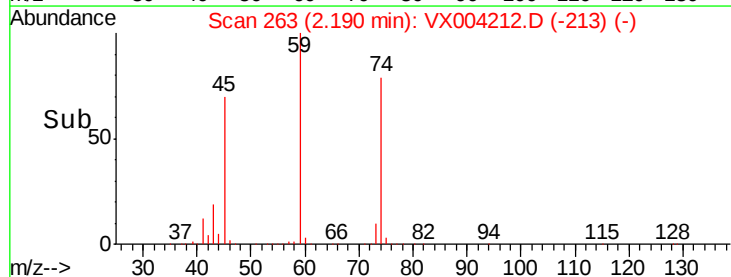
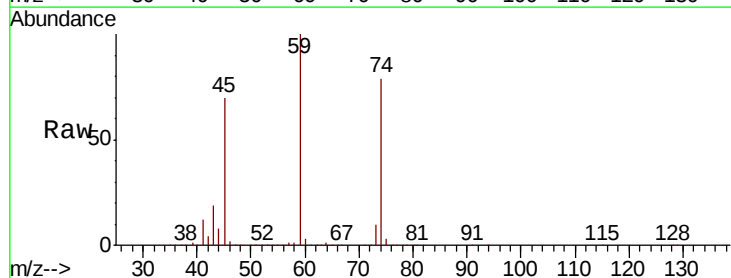
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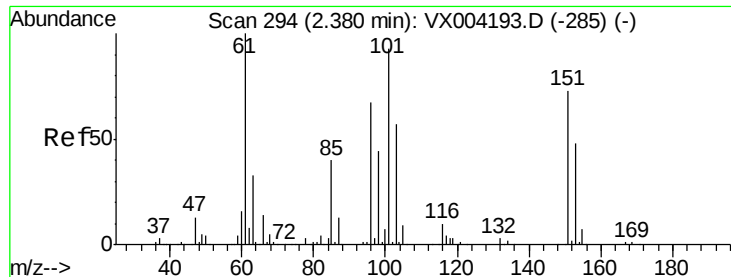


#8

Diethyl Ether
 Concen: 50.60 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.01 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.49 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

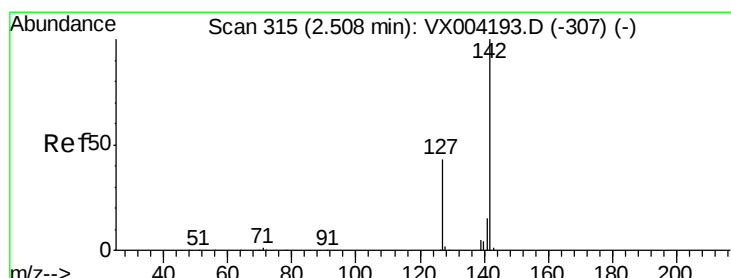
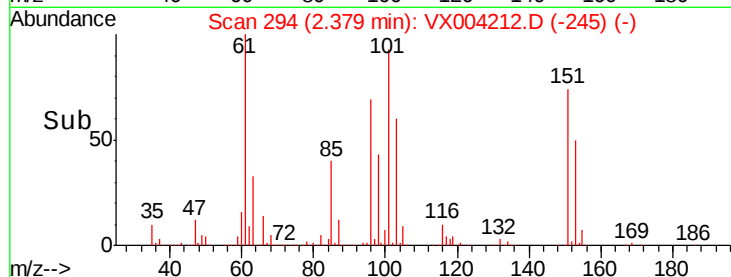
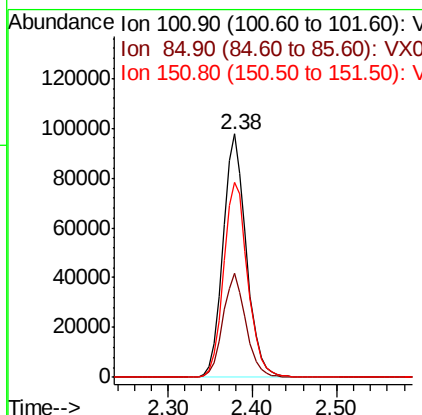
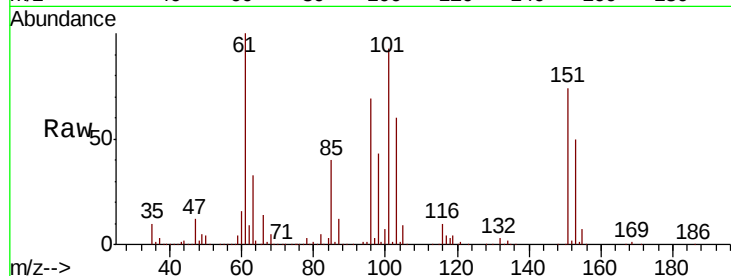
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	184619
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.2	51.4
151	82.8	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 44.07 ug/l

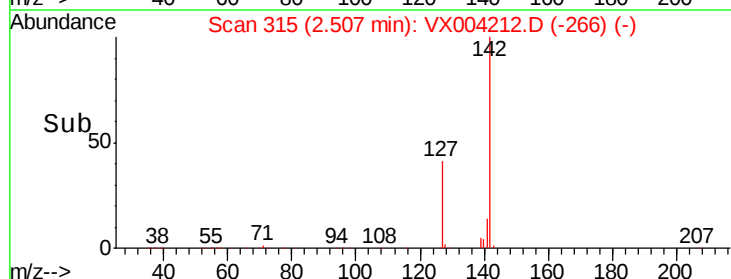
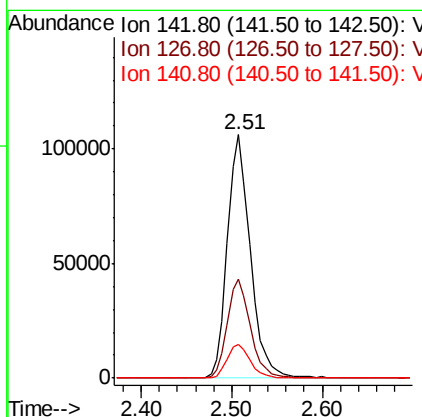
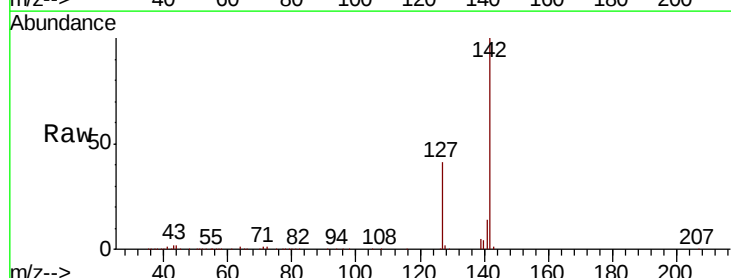
RT: 2.51 min Scan# 315

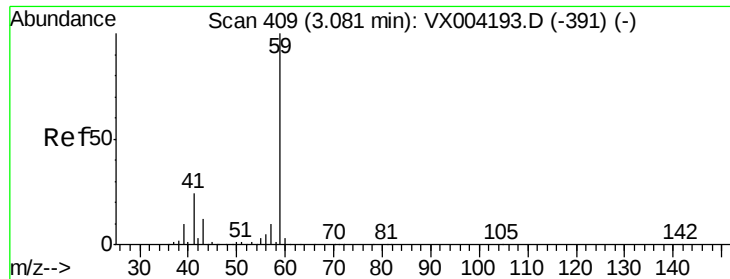
Delta R.T. 0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Tgt Ion:	142	Resp:	186951
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.8	50.6
141	14.2	11.4	17.0





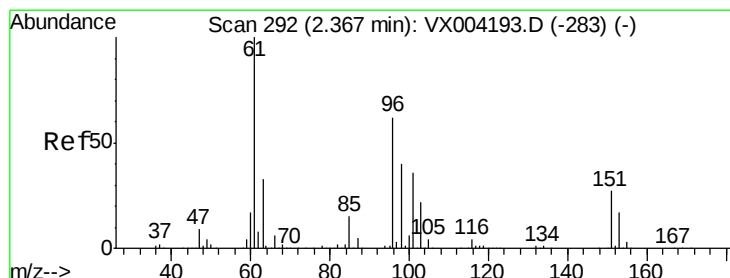
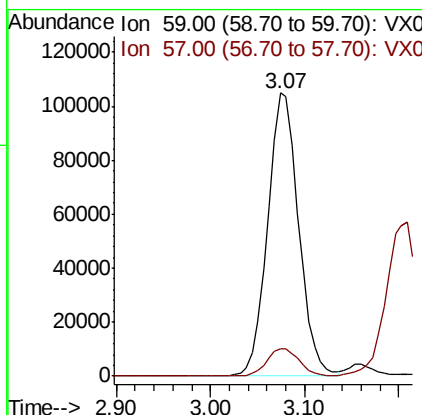
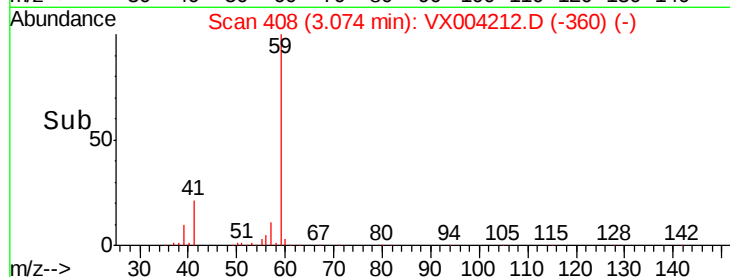
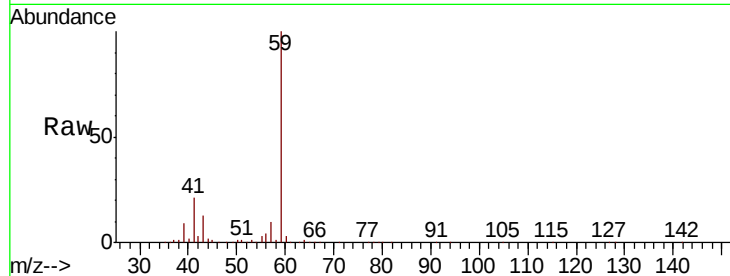
#11
Tert butyl alcohol
Concen: 256.18 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

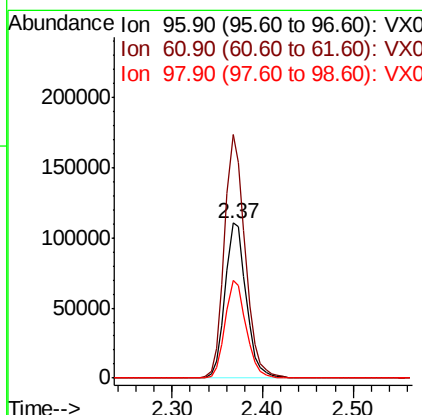
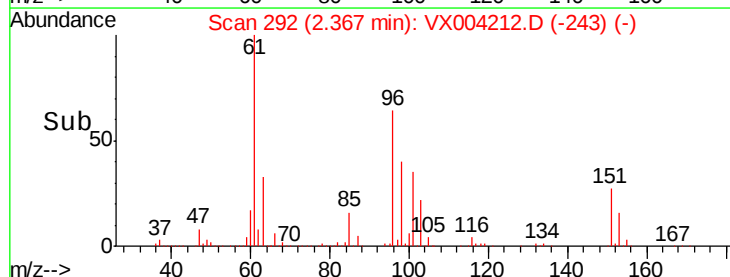
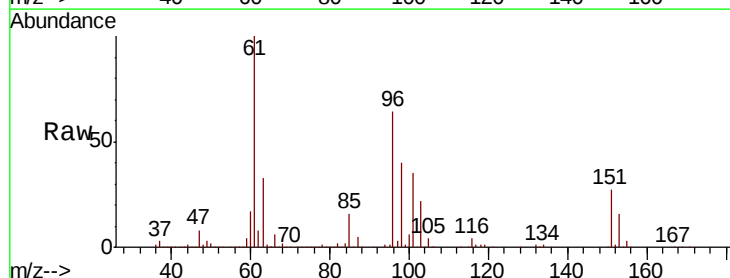
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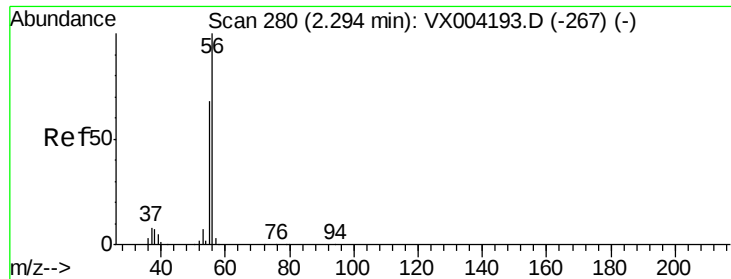
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.00 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.4	128.8	193.2
98	63.1	52.2	78.2





#13

Acrolein

Concen: 255.81 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 58002

Ion Ratio Lower Upper

56 100

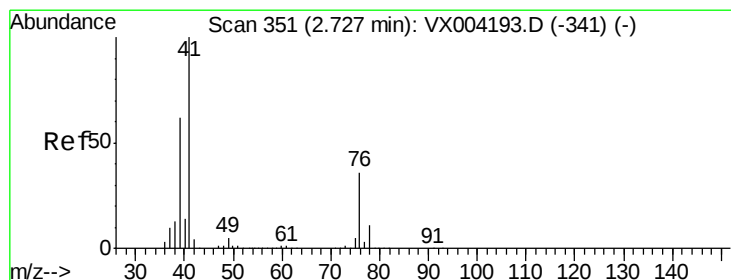
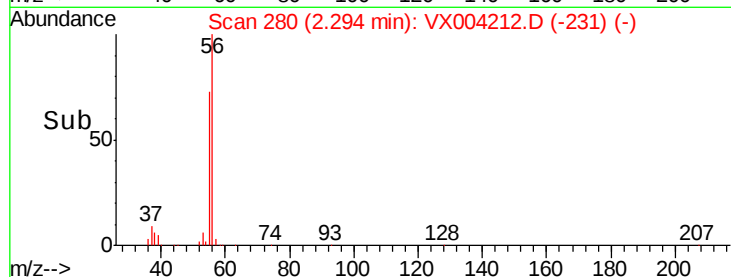
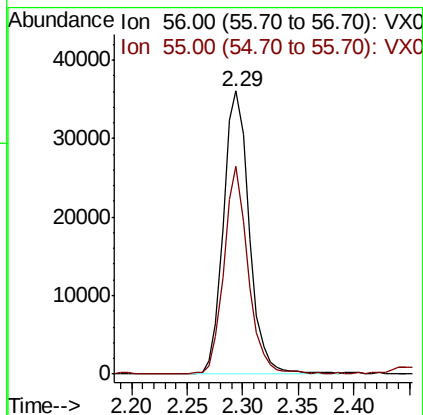
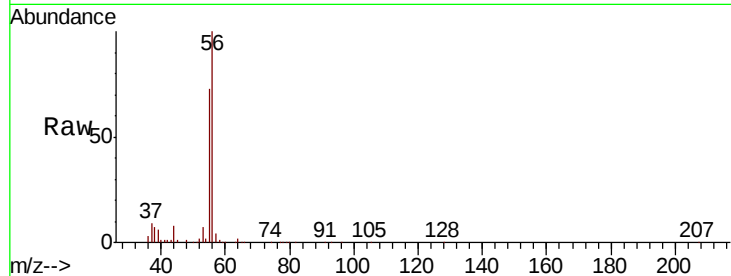
55 68.0 54.7 82.1

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#14

Allyl chloride

Concen: 48.95 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

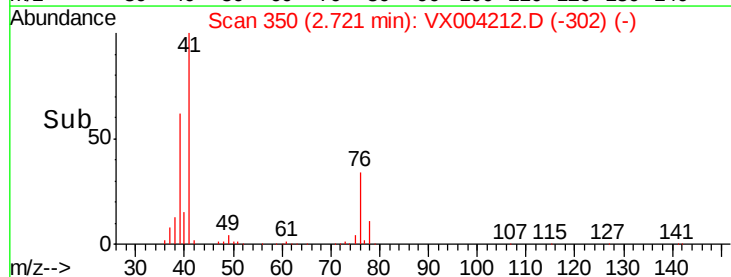
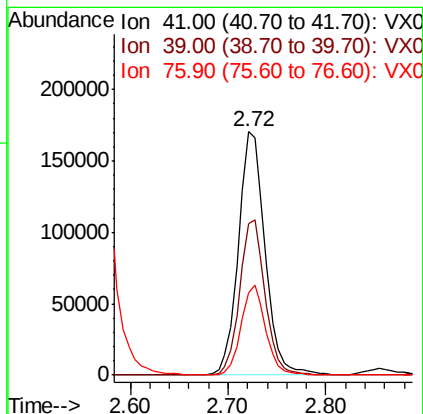
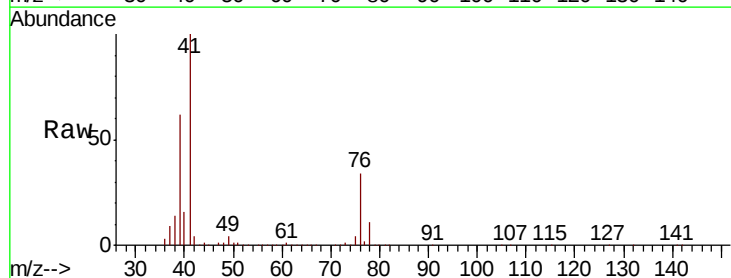
Tgt Ion: 41 Resp: 322499

Ion Ratio Lower Upper

41 100

39 60.6 48.9 73.3

76 34.0 26.7 40.1





#15

Acrylonitrile

Concen: 240.87 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

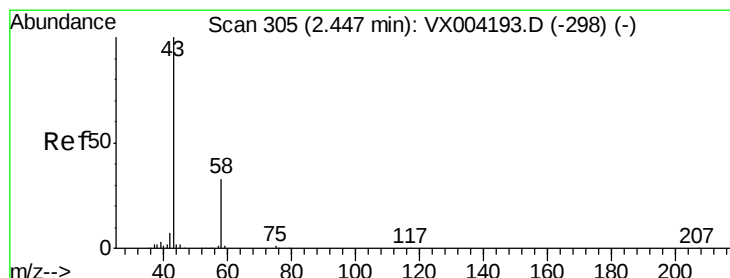
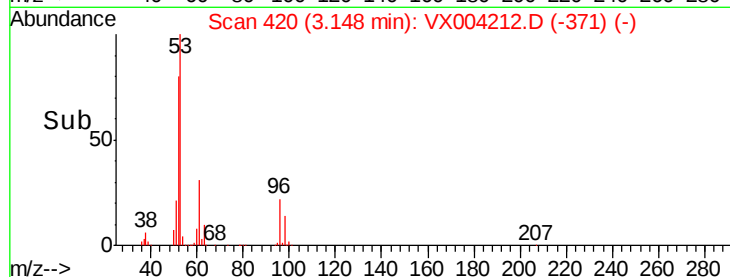
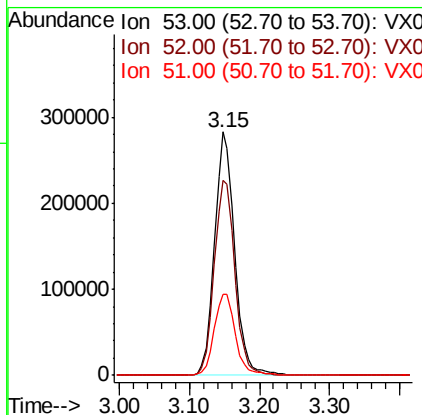
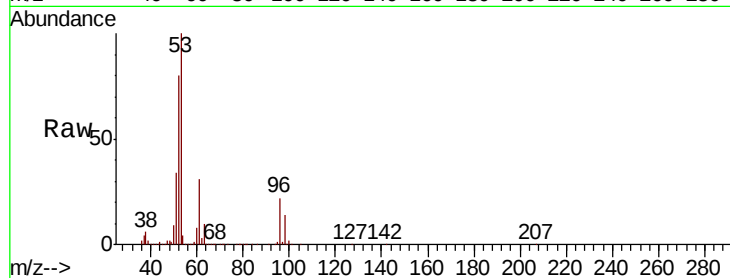
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	561019
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.2	97.8
51	35.3	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 253.48 ug/l

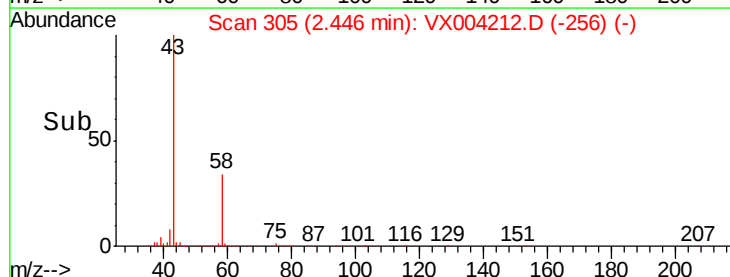
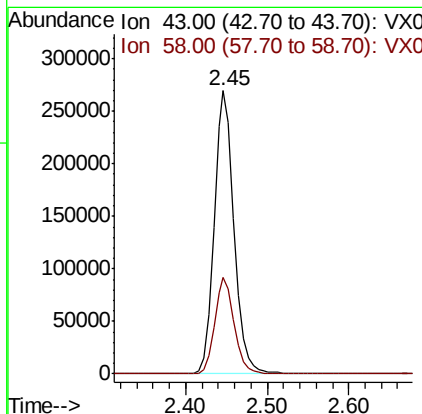
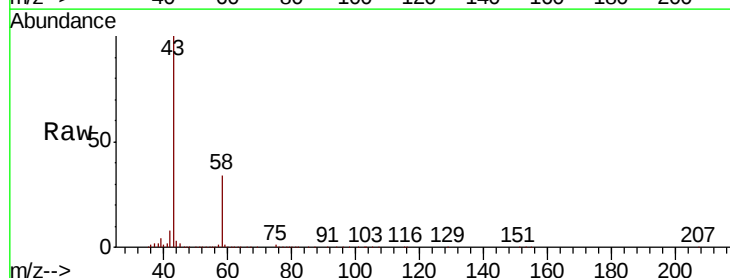
RT: 2.45 min Scan# 305

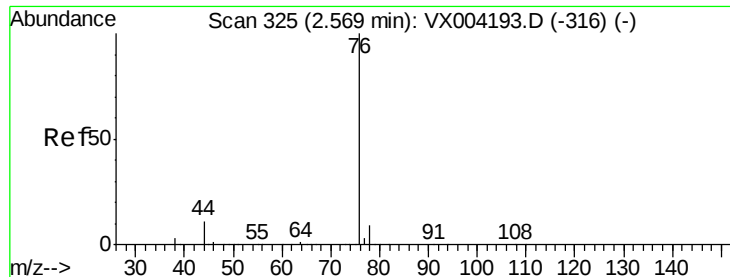
Delta R.T. 0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Tgt Ion:	43	Resp:	456341
Ion	Ratio	Lower	Upper
43	100		
58	33.9	26.2	39.4





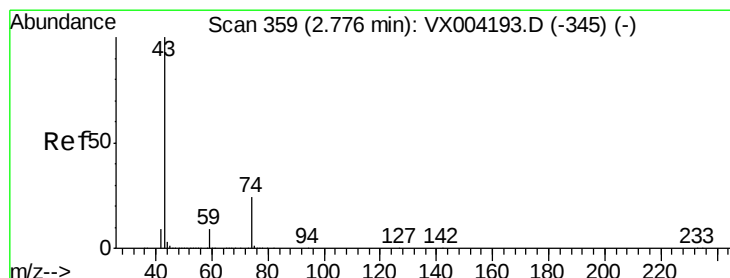
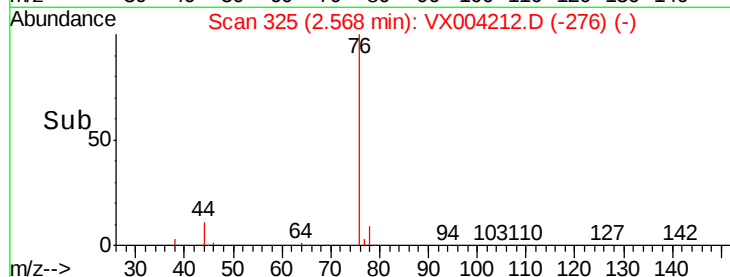
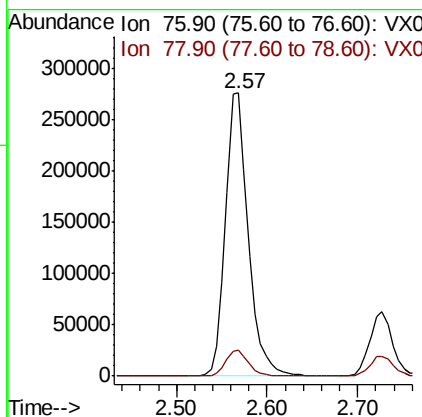
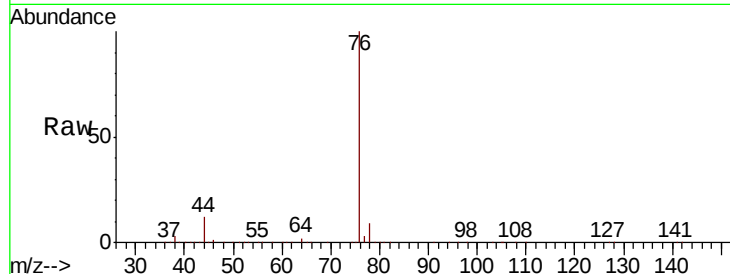
#17
Carbon Disulfide
Concen: 48.55 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

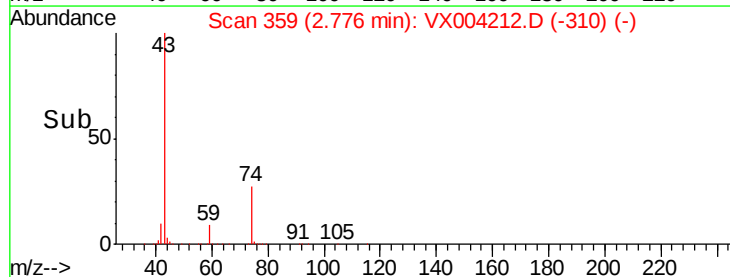
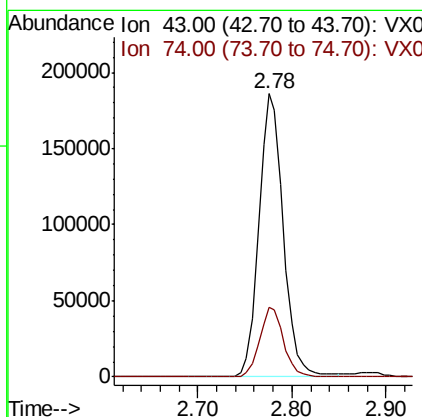
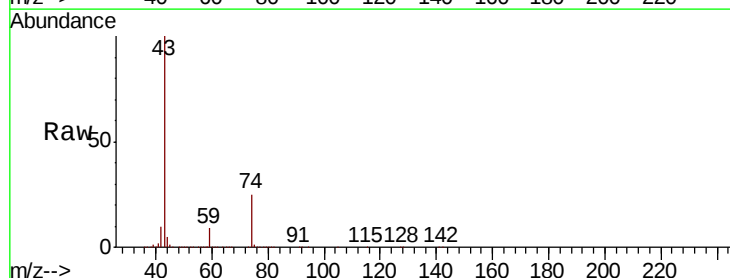
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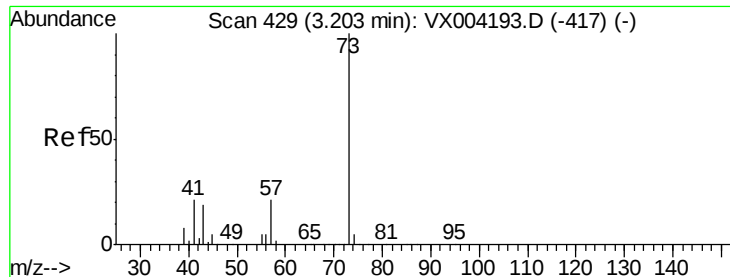
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#18
Methyl Acetate
Concen: 51.42 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.4	29.2





#19

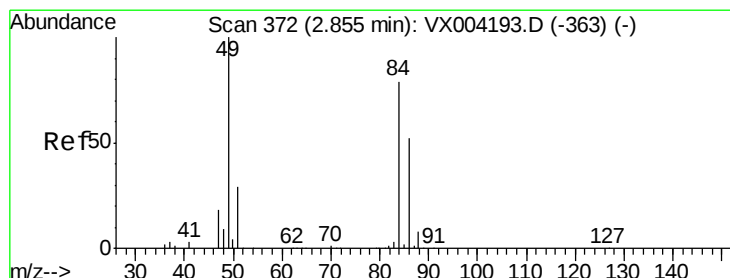
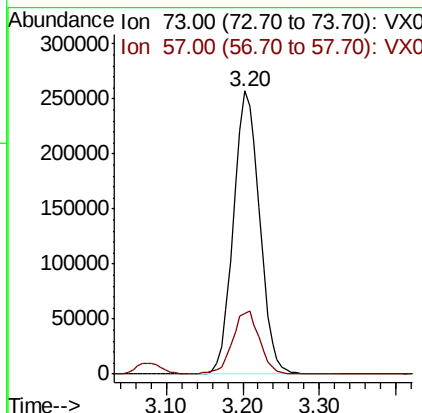
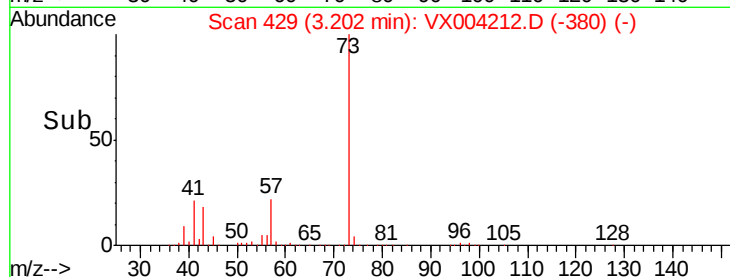
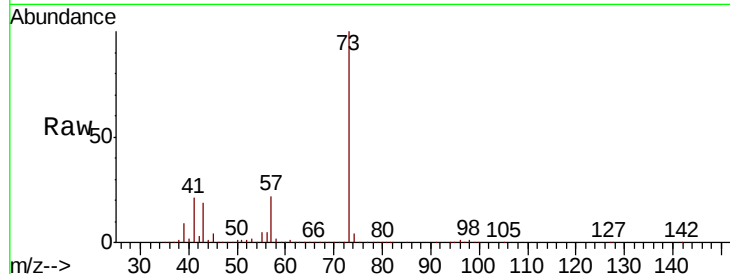
Methyl tert-butyl Ether
 Concen: 51.46 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.1	25.7

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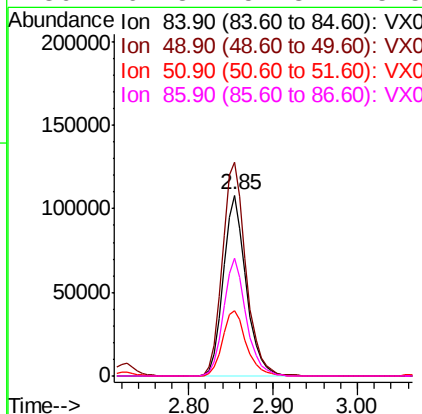
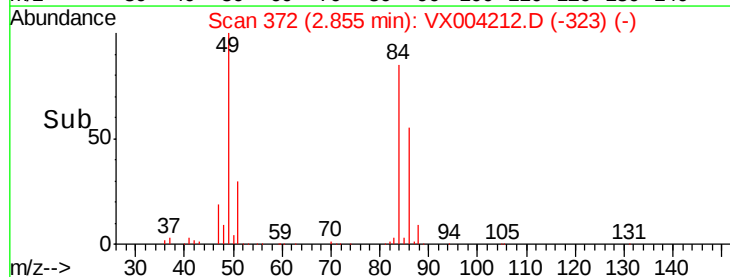
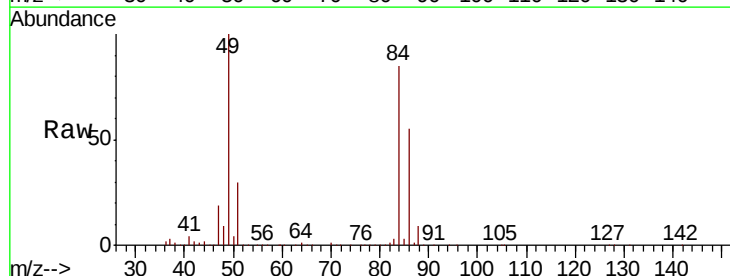
MMDadoda
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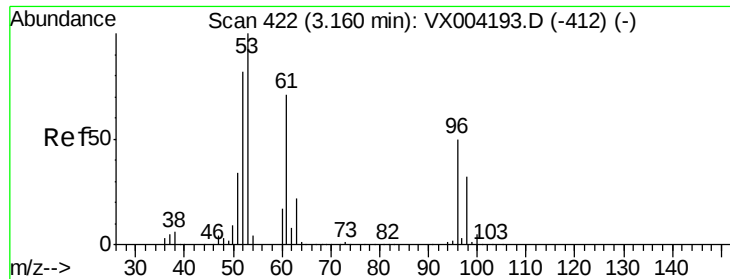


#20

Methylene Chloride
 Concen: 47.25 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.0	101.2	151.8
51	35.9	29.5	44.3
86	64.8	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 48.06 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

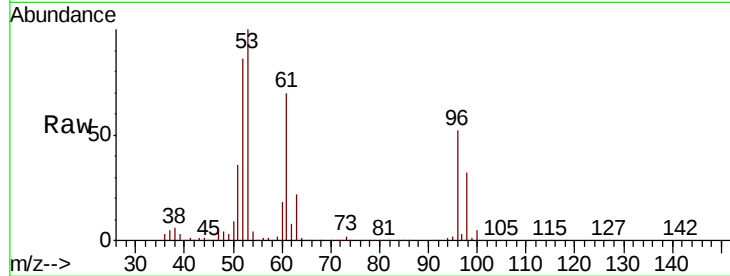
ClientSampleId :

VSTDCCC050EC

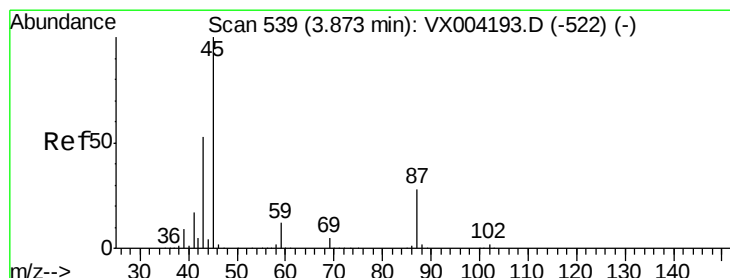
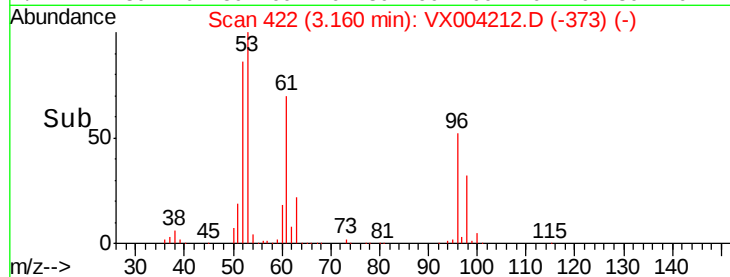
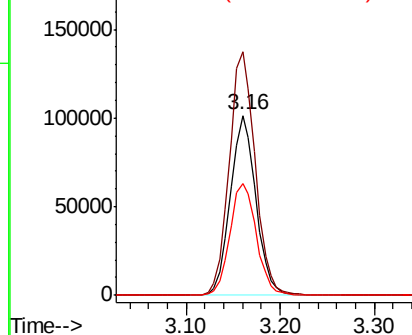
Tot Ion:	96	Resp:	190766
Ion	Ratio	Lower	Upper
96	100		
61	135.1	113.8	170.6
98	62.4	51.8	77.8

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



#22

Diisopropyl ether

Concen: 50.14 ug/l

RT: 3.87 min Scan# 538

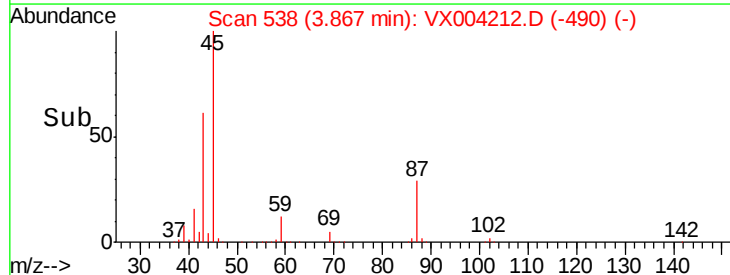
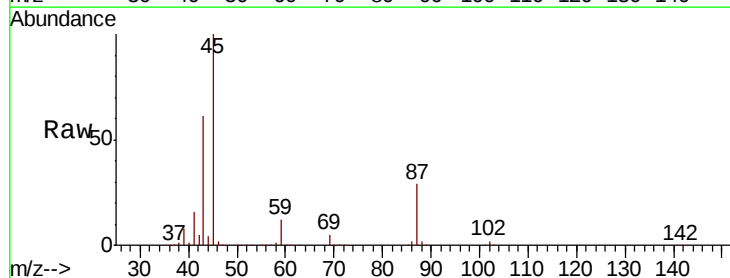
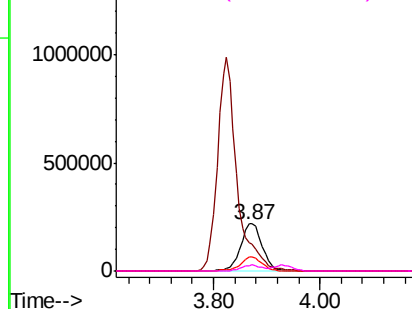
Delta R.T. -0.01 min

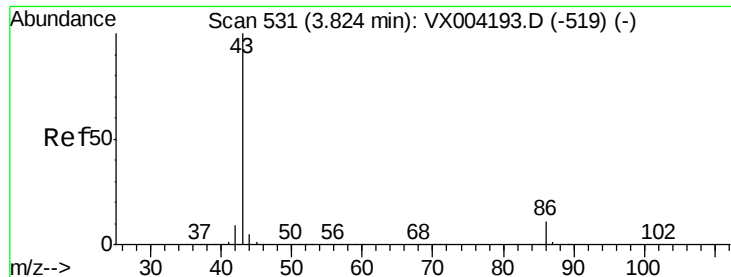
Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Tgt Ion:	45	Resp:	616830
Ion	Ratio	Lower	Upper
45	100		
43	61.0	42.8	64.2
87	29.0	22.6	34.0
59	12.1	9.6	14.4

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 251.01 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2502715

Ion Ratio Lower Upper

43 100

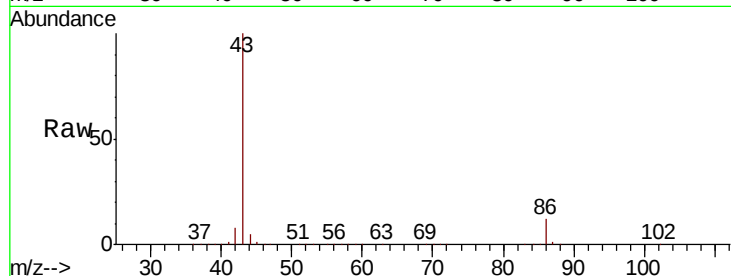
86 11.5 8.9 13.3

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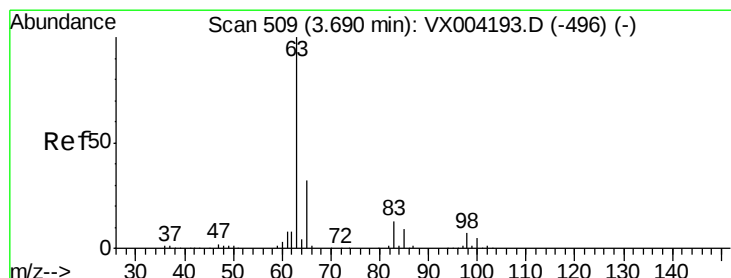
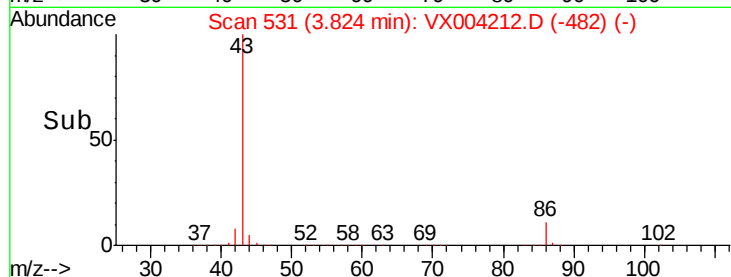
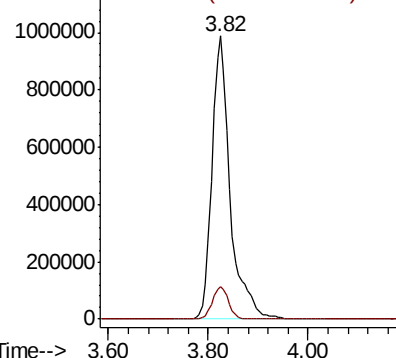
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.82 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

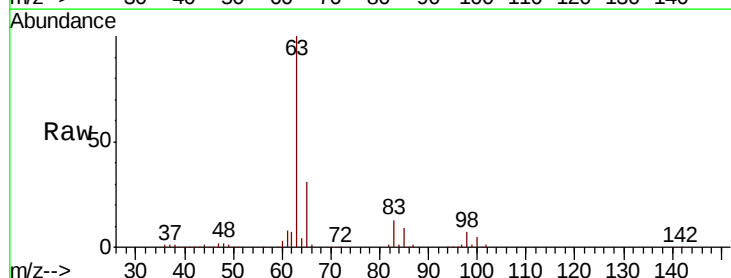
Tgt Ion: 63 Resp: 342817

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

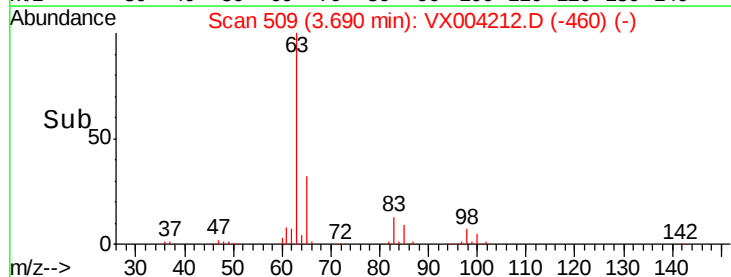
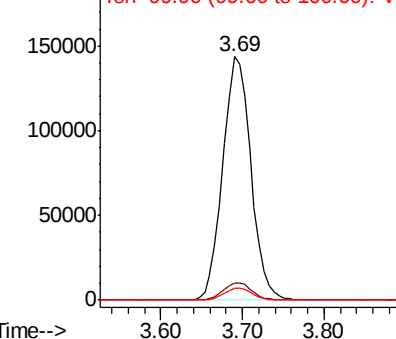
100 4.7 2.4 7.1

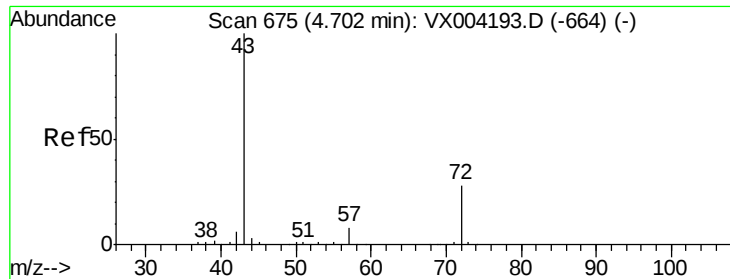


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.52 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 749370

Ion Ratio Lower Upper

43 100

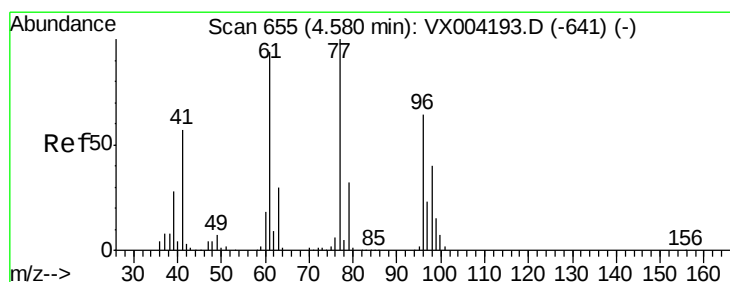
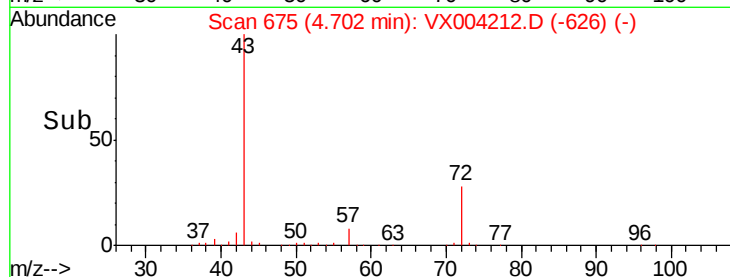
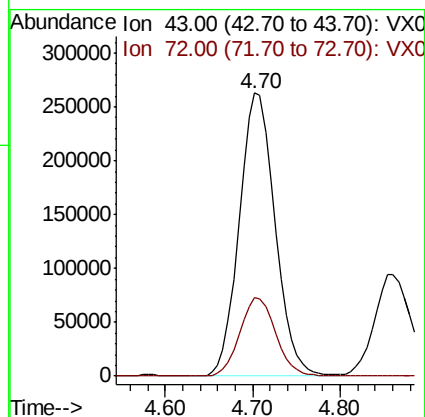
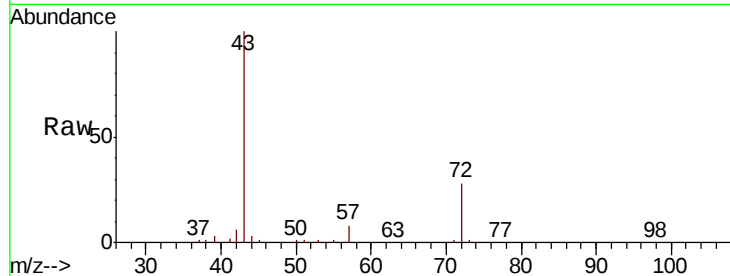
72 27.8 22.0 33.0

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#26

2,2-Dichloropropane

Concen: 41.41 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004212.D

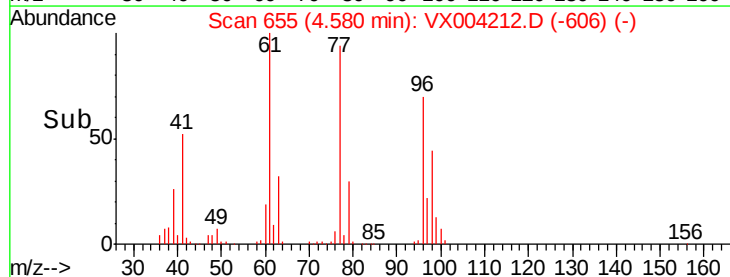
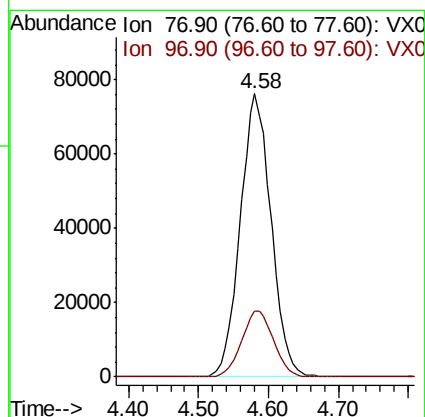
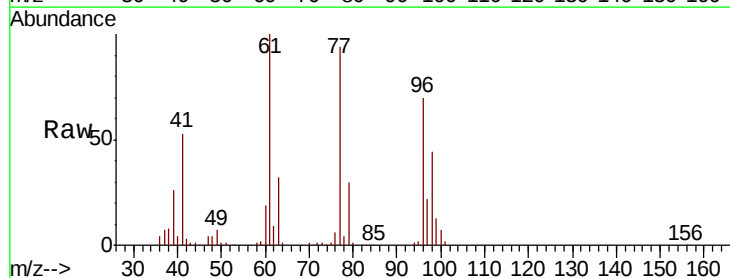
Acq: 22 Aug 2018 21:16

Tgt Ion: 77 Resp: 232879

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.0





#27

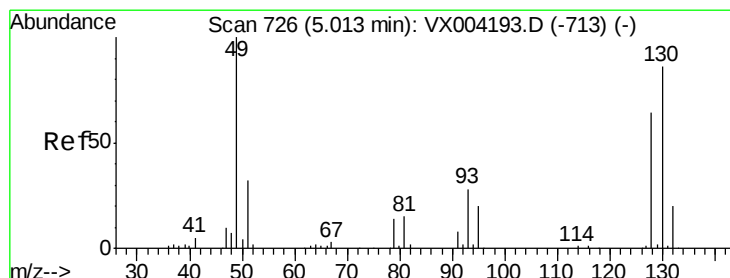
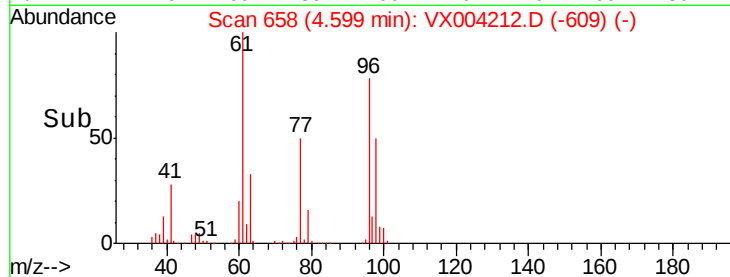
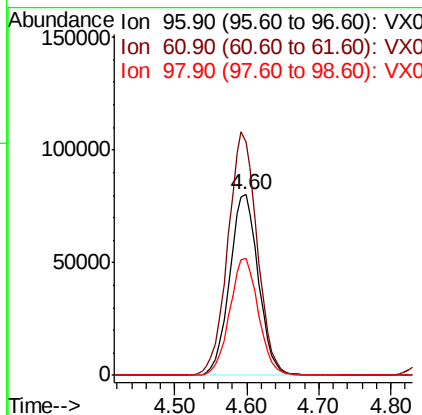
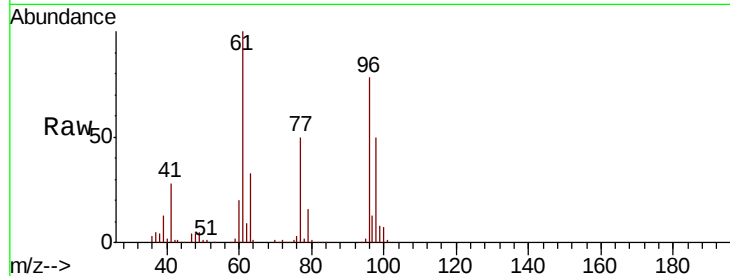
cis-1,2-Dichloroethene
Concen: 49.42 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	222505		
61	137.2	0.0	282.6	
98	64.8	0.0	130.2	

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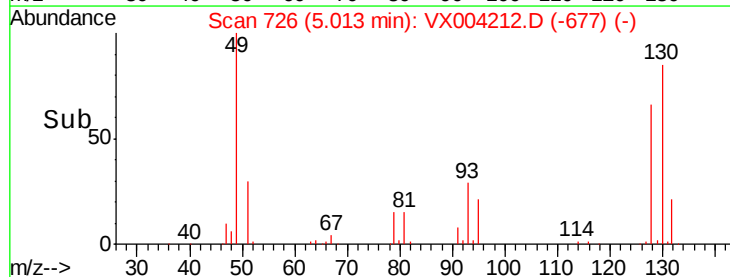
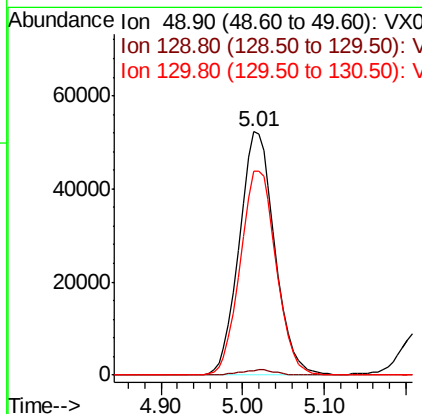
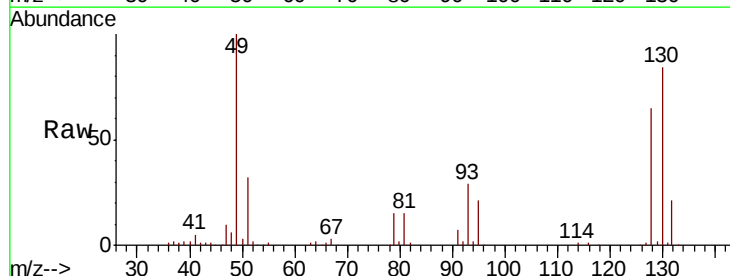
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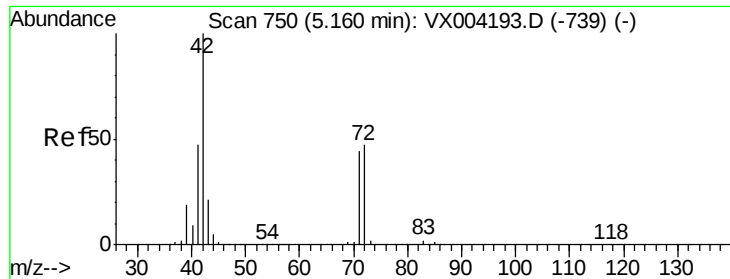


#28

Bromochloromethane
Concen: 49.72 ug/l
RT: 5.01 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	157805		
129	2.2	0.0	4.2	
130	85.3	67.5	101.3	





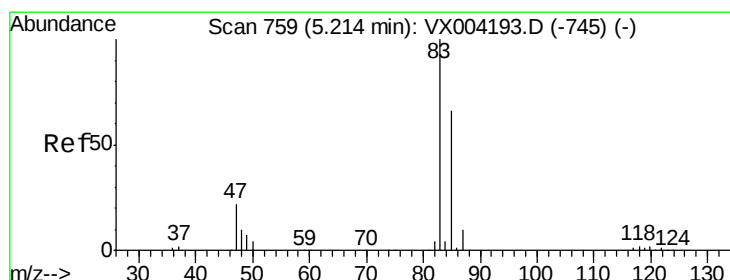
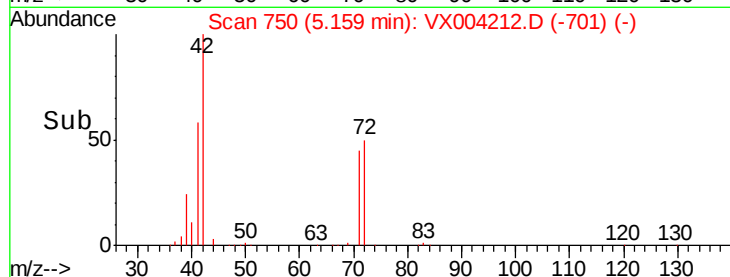
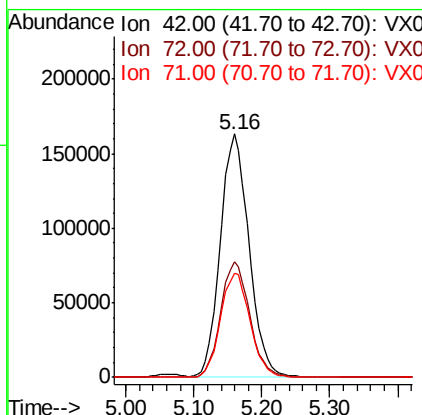
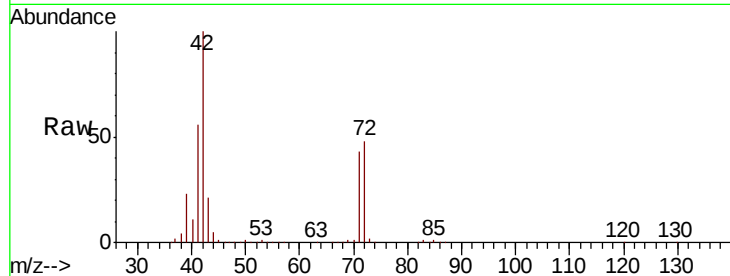
#29
Tetrahydrofuran
Concen: 251.80 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.4	56.0
71	44.1	34.5	51.7

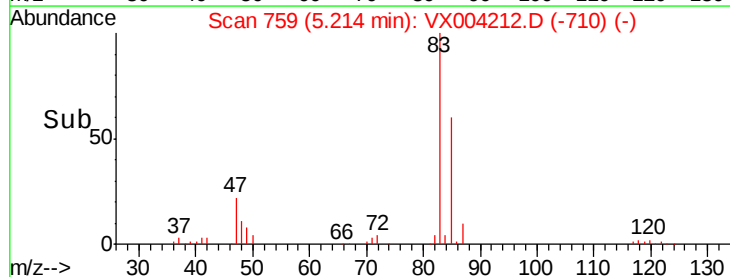
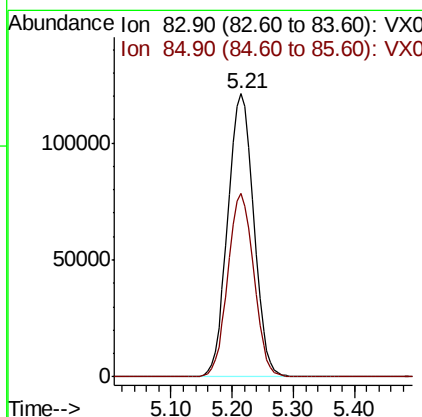
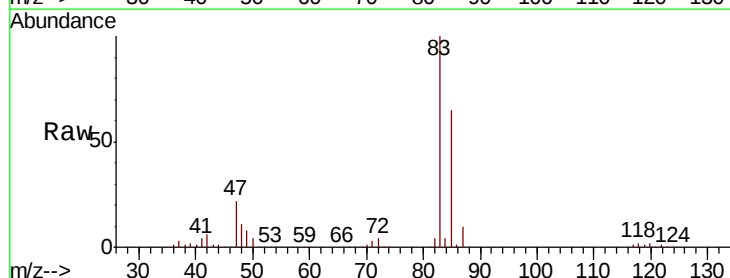
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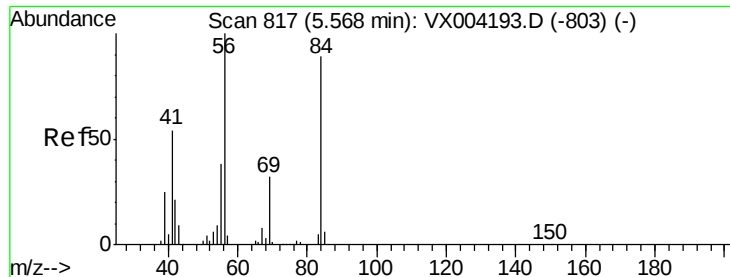
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#30
Chloroform
Concen: 49.34 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.6	79.0





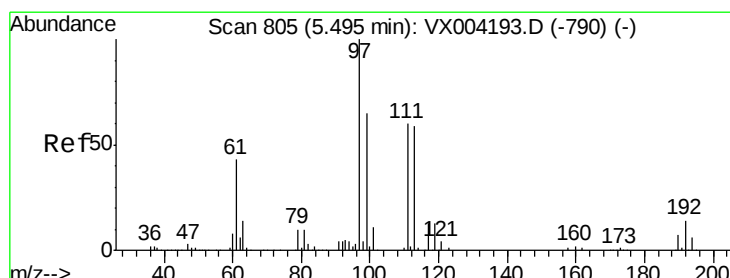
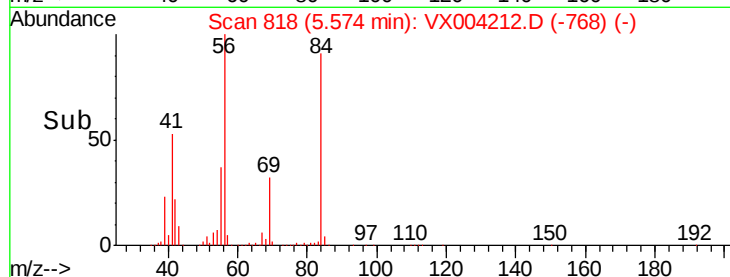
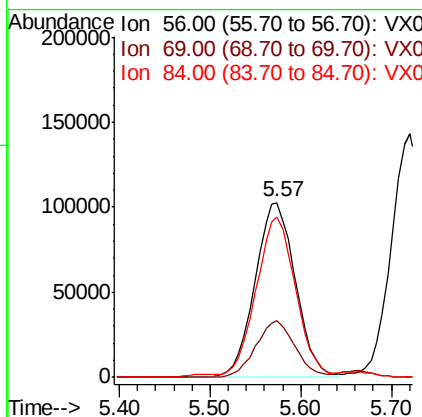
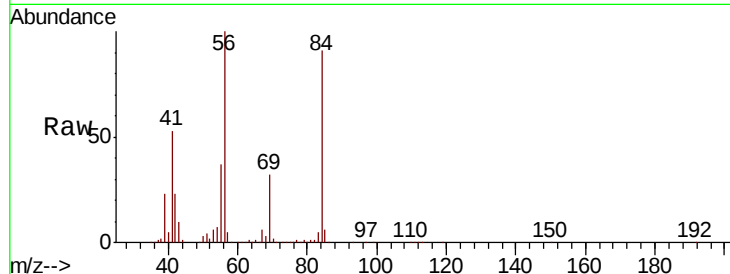
#31
Cyclohexane
Concen: 51.05 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.4	38.2
84	90.4	71.4	107.2

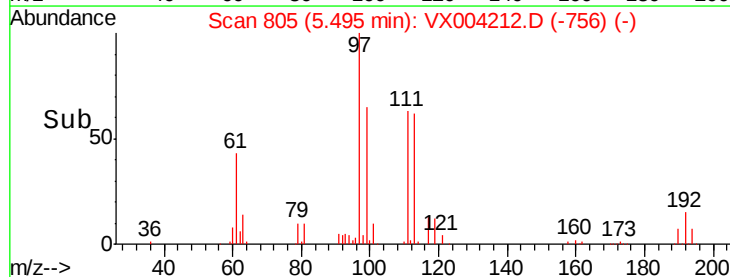
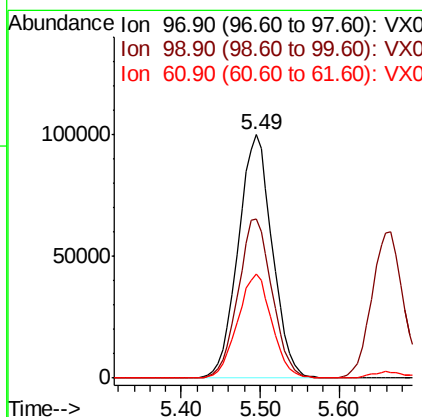
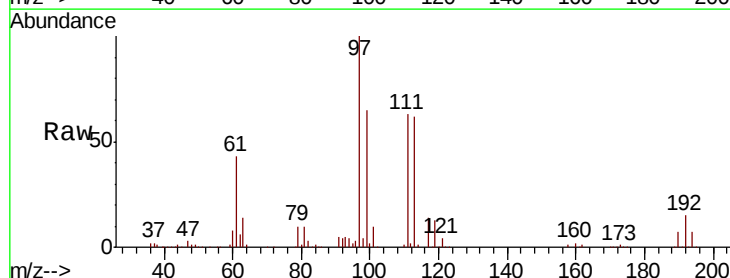
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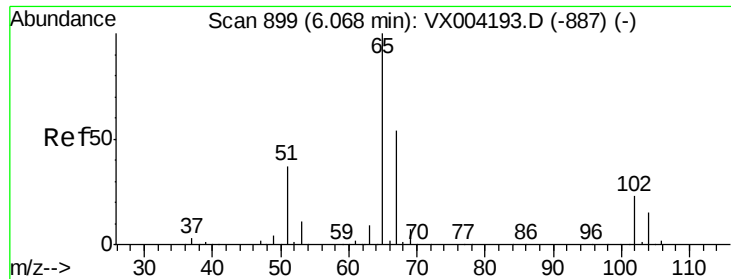
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#32
1,1,1-Trichloroethane
Concen: 50.13 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.0	78.0
61	43.2	34.9	52.3





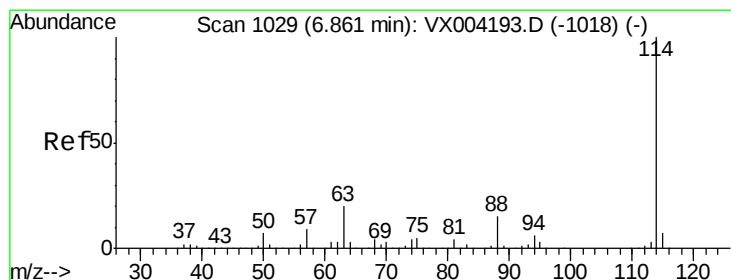
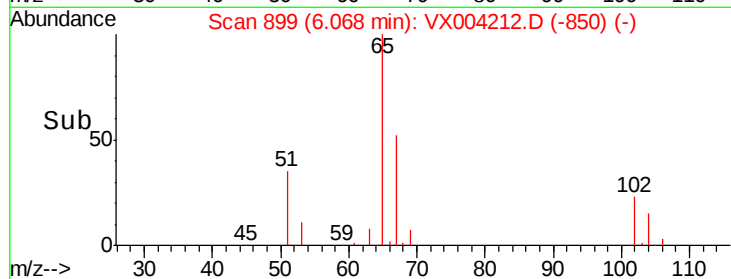
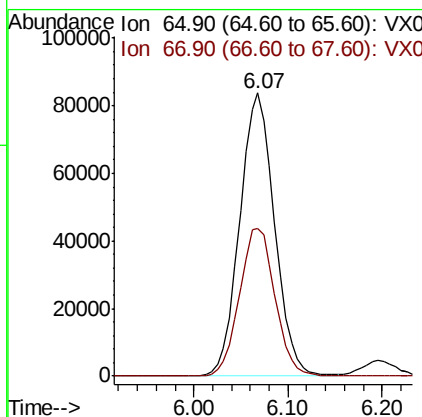
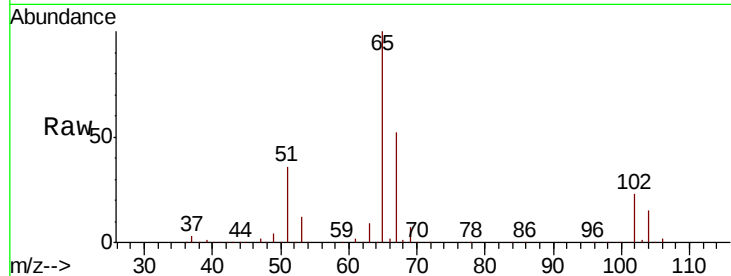
#33
 1,2-Dichloroethane-d4
 Concen: 49.06 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.8

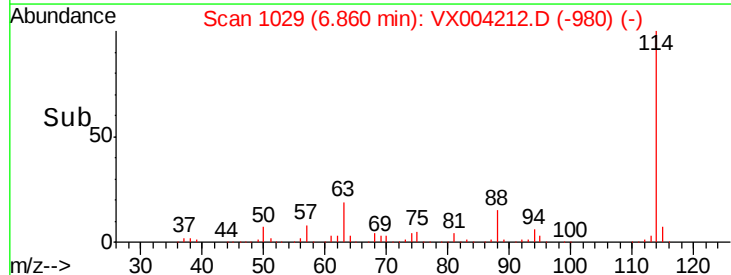
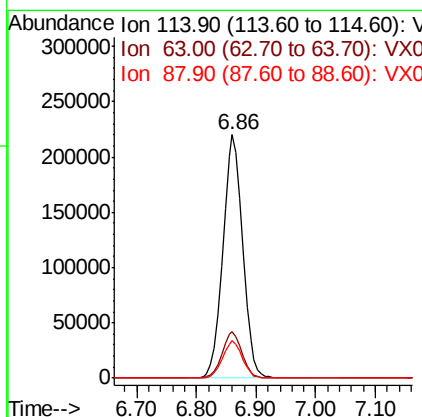
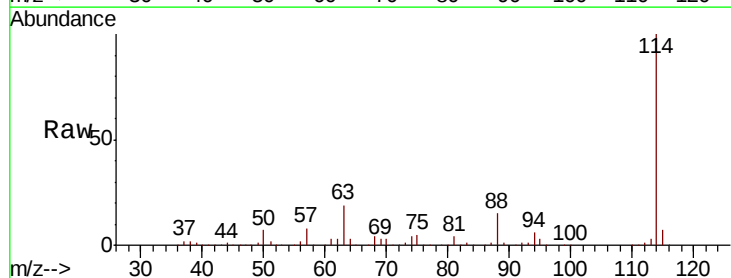
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.0
88	15.2	0.0	30.4





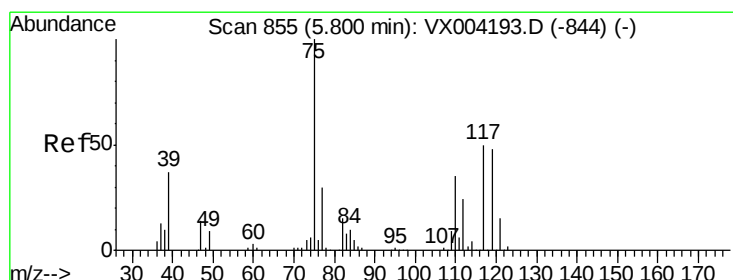
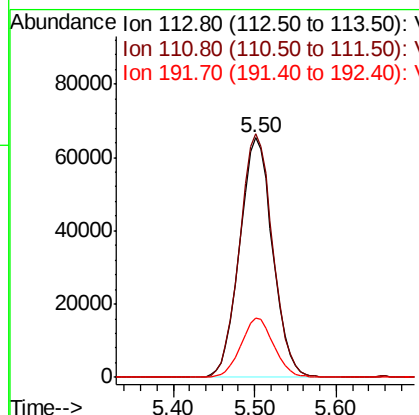
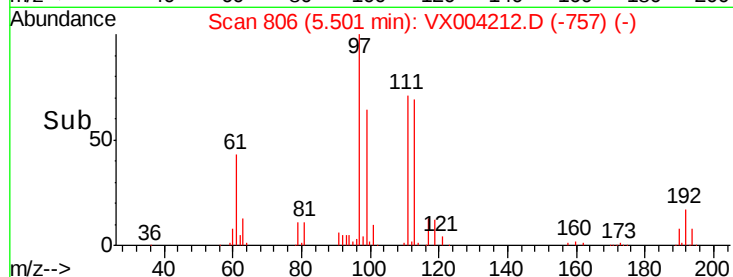
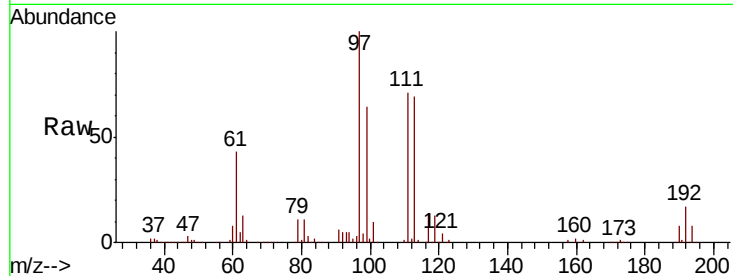
#35
 Dibromofluoromethane
 Concen: 48.43 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	183121		
111	102.3	82.4	123.6	
192	24.7	19.4	29.2	

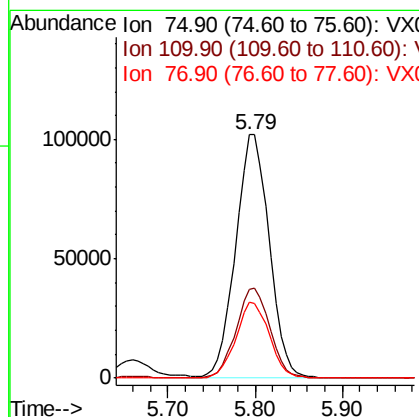
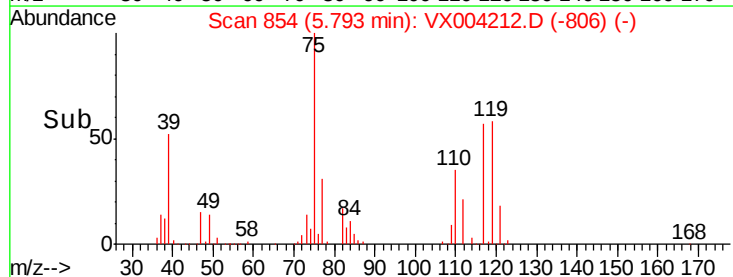
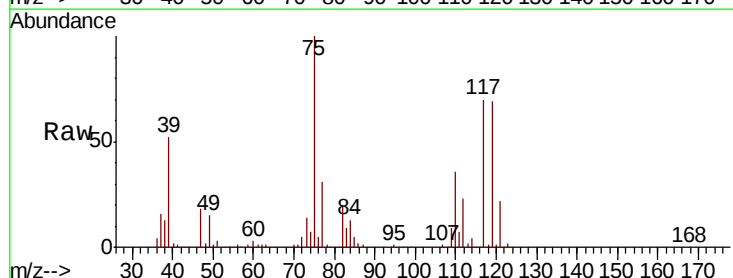
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#36
 1,1-Dichloropropene
 Concen: 47.71 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	272618		
110	37.1	18.0	54.0	
77	31.2	24.6	36.8	





#37

Ethyl Acetate

Concen: 49.29 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

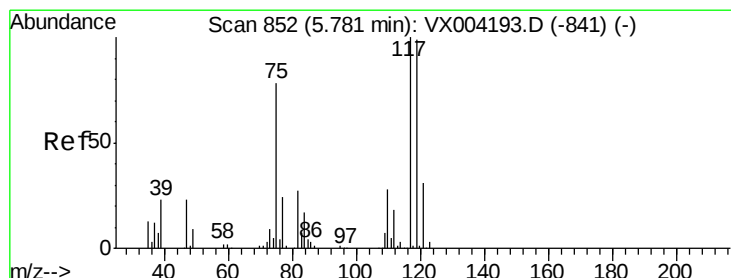
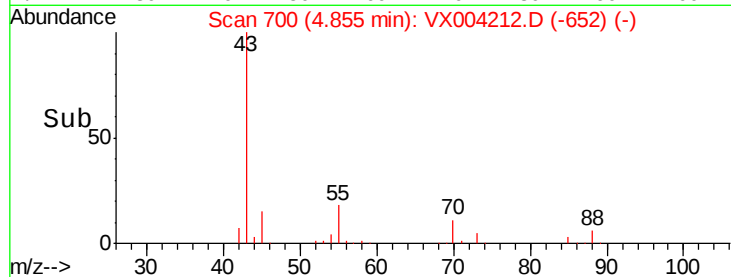
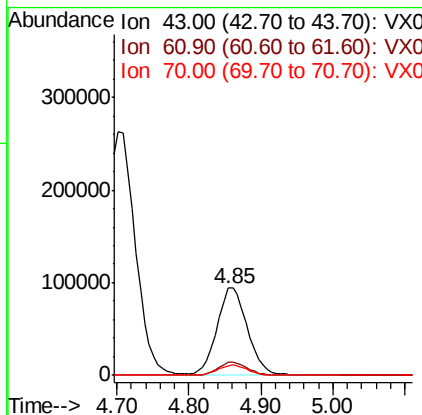
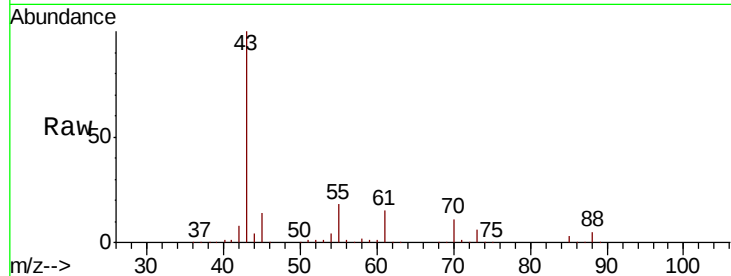
ClientSampleID :

VSTDCCC050EC

Tot Ion:	43	Resp:	276991
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.5	17.3
70	11.5	9.0	13.6

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#38

Carbon Tetrachloride

Concen: 49.03 ug/l

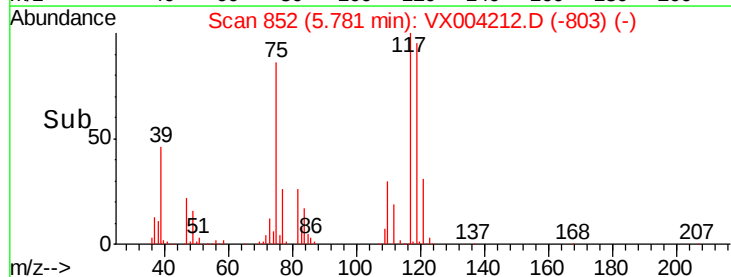
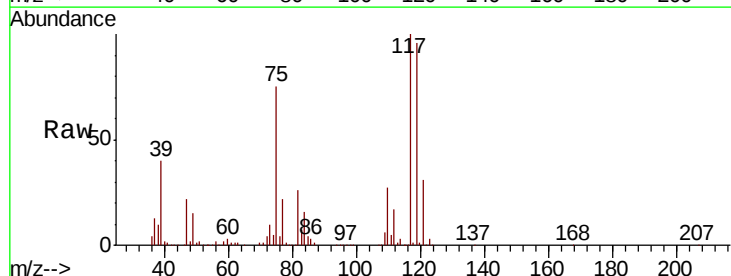
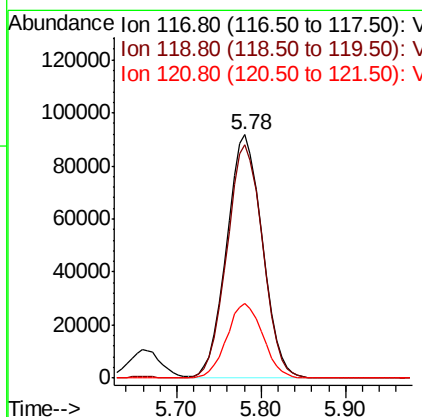
RT: 5.78 min Scan# 852

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Tgt Ion:	117	Resp:	263513
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.8	118.2
121	30.8	24.9	37.3





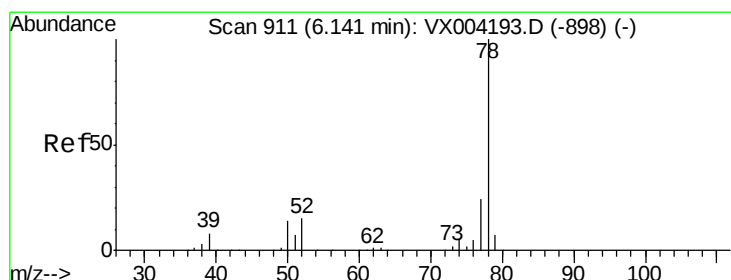
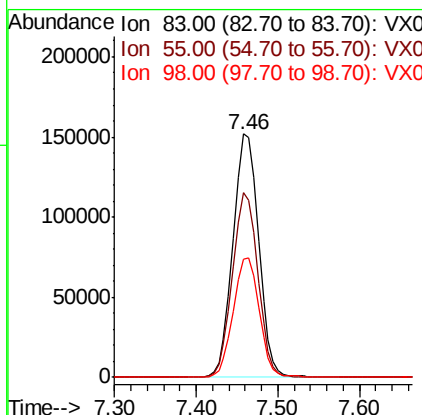
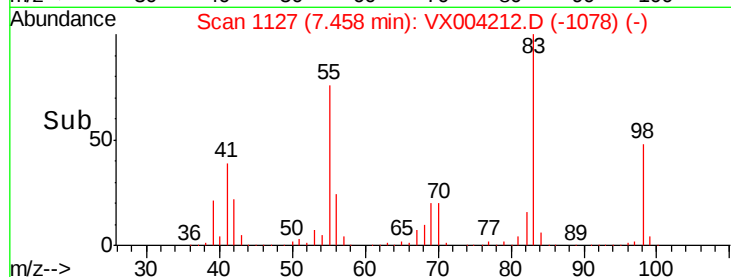
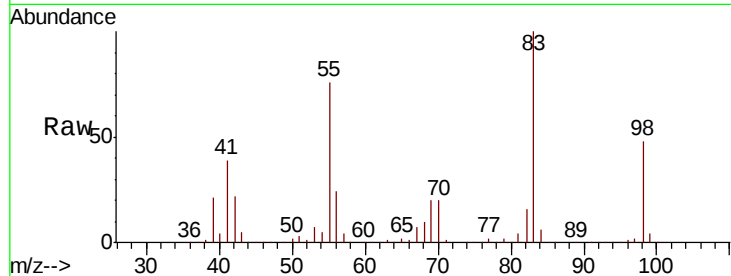
#39
Methvlcvclohexane
Concen: 50.74 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.8	61.0	91.4	
98	48.5	39.6	59.4	

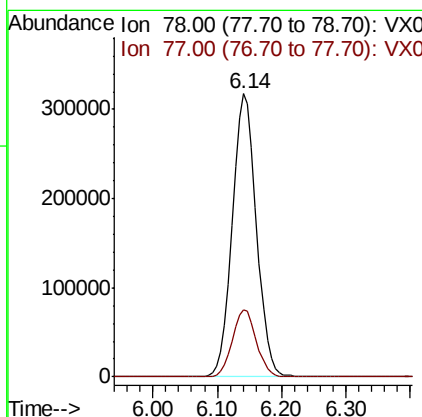
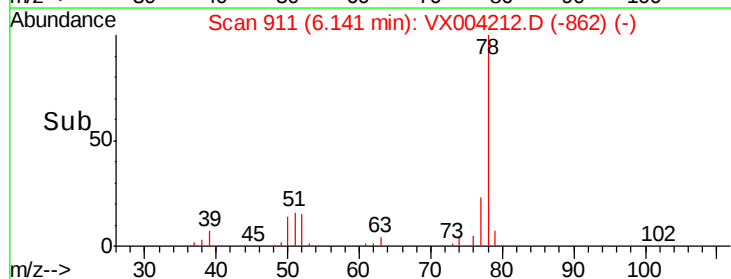
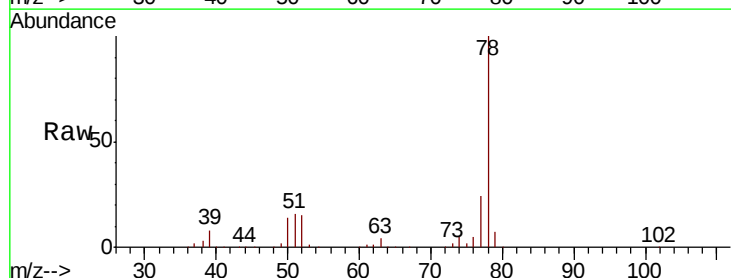
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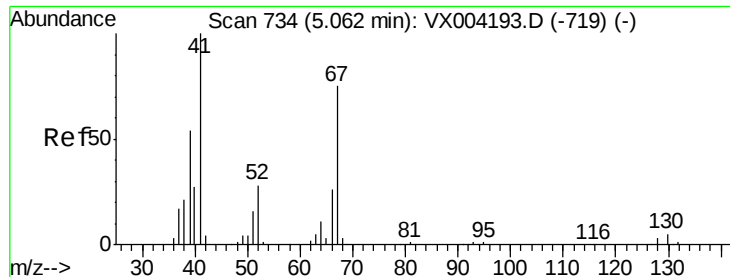
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#40
Benzene
Concen: 48.57 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	19.0	28.4	





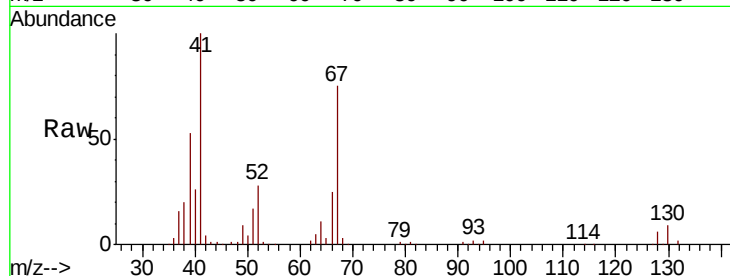
#41
Methacrylonitrile
Concen: 49.64 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

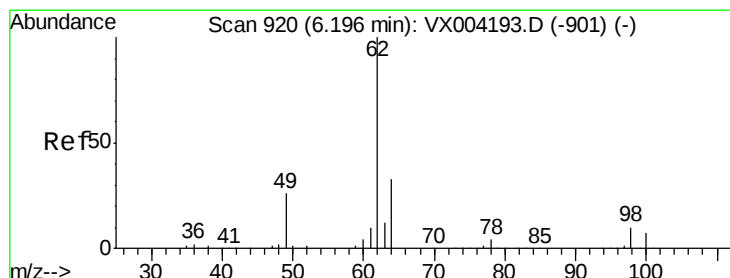
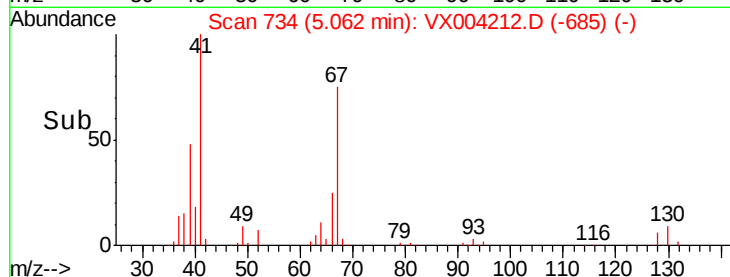
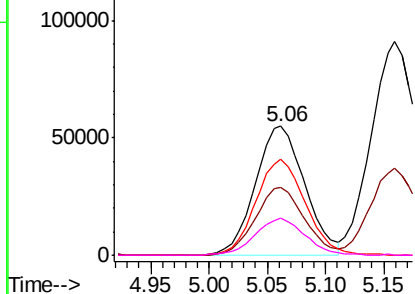
Tot Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.4	63.6
67	75.4	59.2	88.8
52	28.8	23.0	34.4

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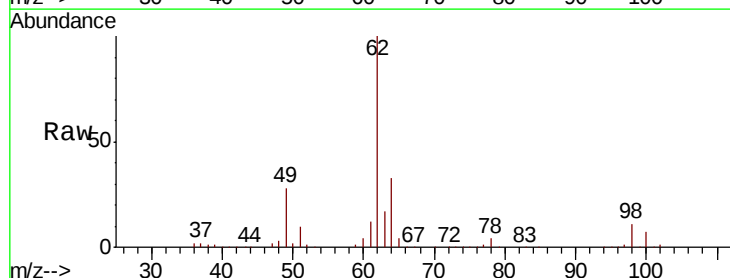


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

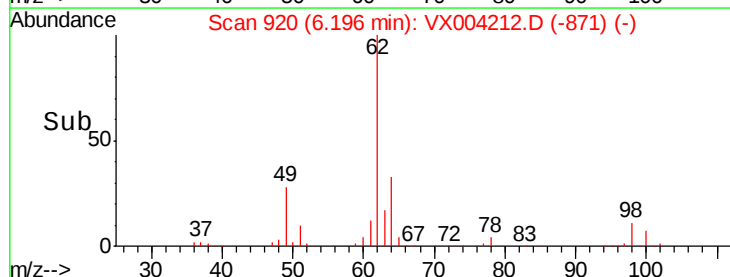
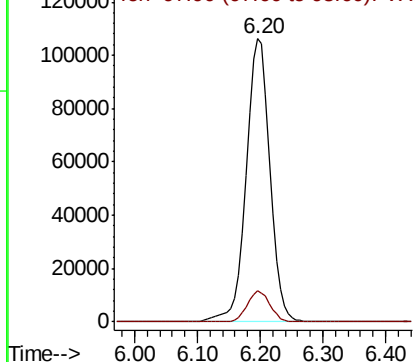


#42
1,2-Dichloroethane
Concen: 47.74 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

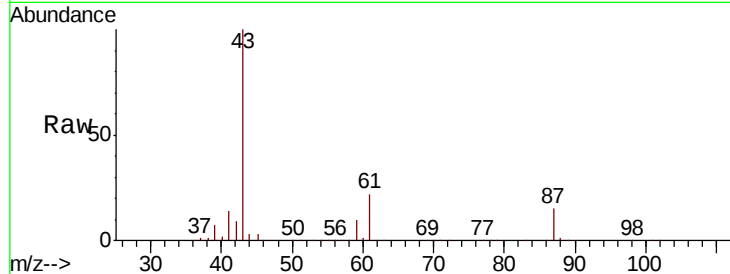
Isopropyl Acetate
 Concen: 51.76 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

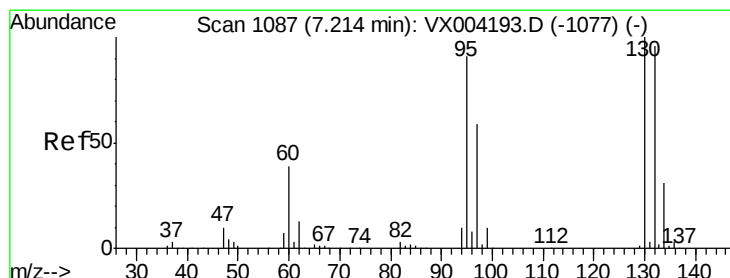
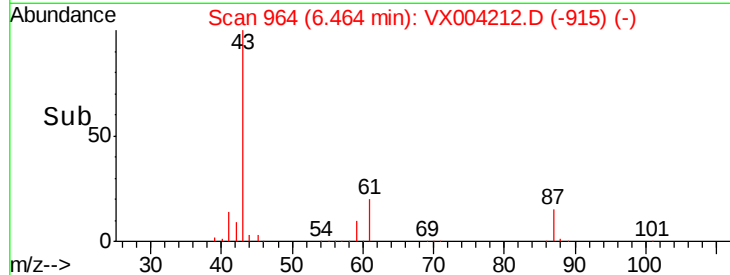
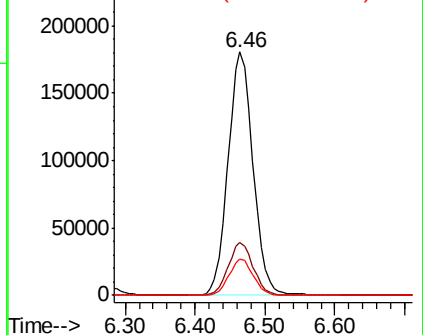
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.0	25.4
87	14.5	11.4	17.2

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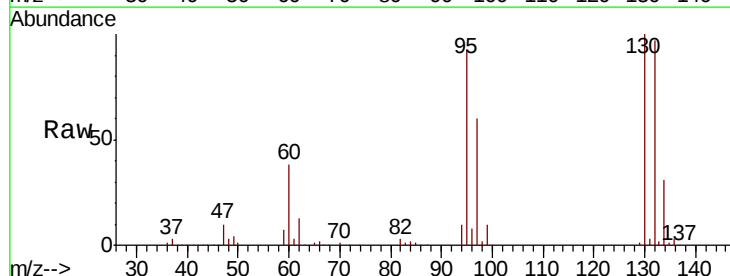
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



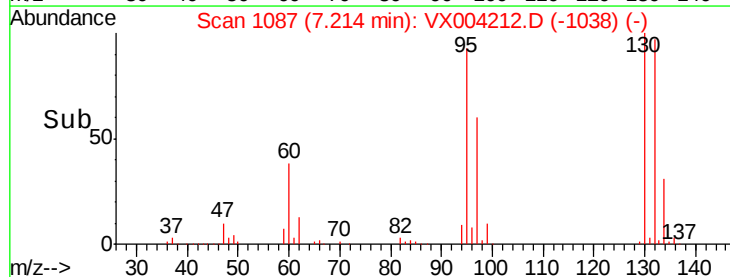
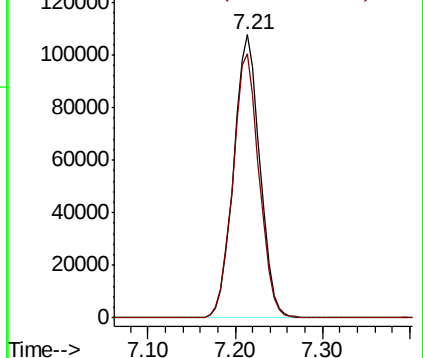
#44

Trichloroethene
 Concen: 47.52 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	181.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





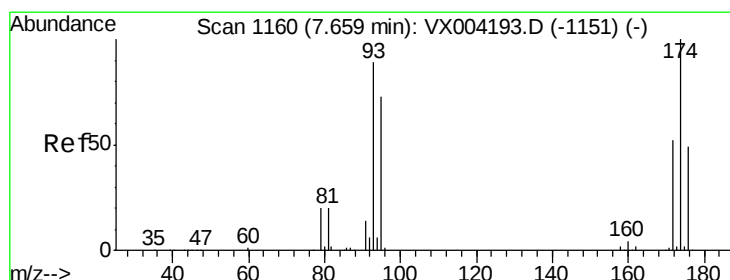
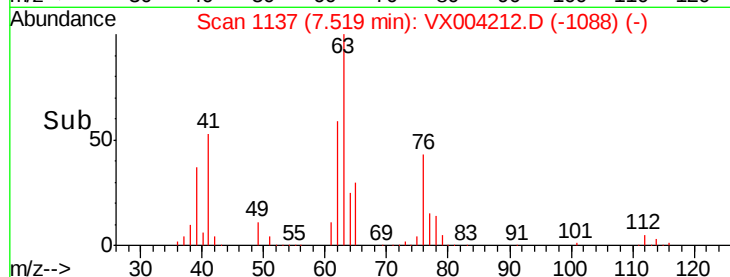
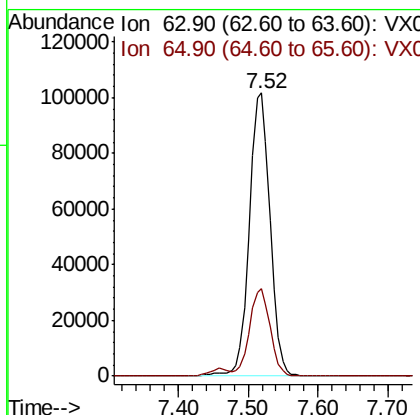
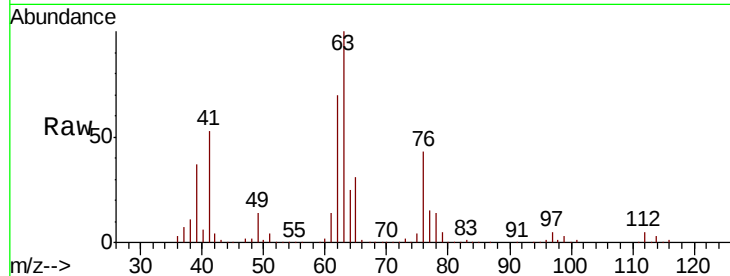
#45
 1,2-Dichloropropane
 Concen: 48.91 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.3	36.5

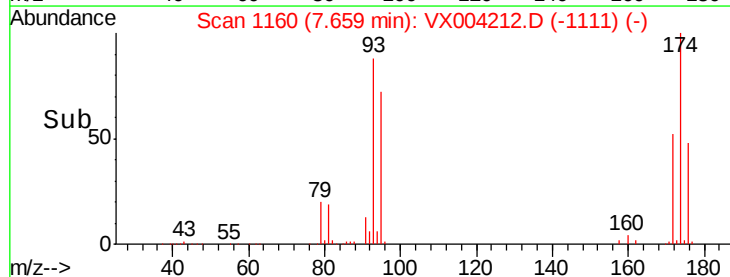
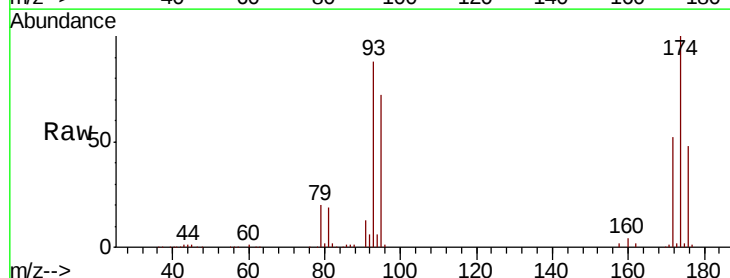
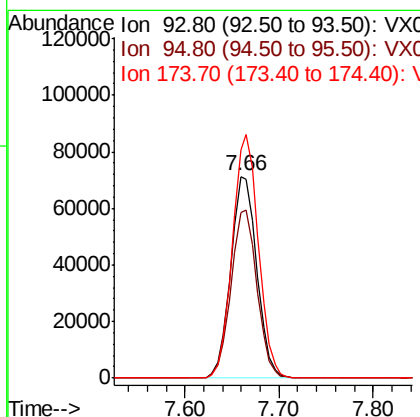
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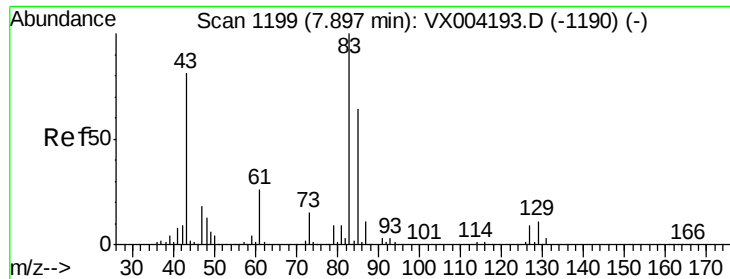
MMDadoda
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#46
 Dibromomethane
 Concen: 48.13 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.5	98.3
174	120.0	94.2	141.4





#47

Bromodichloromethane

Concen: 49.26 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

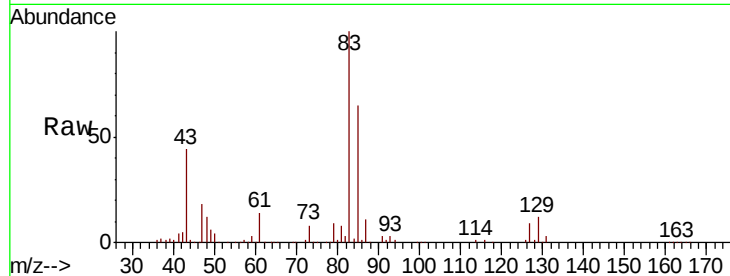
ClientSampleId :

VSTDCCC050EC

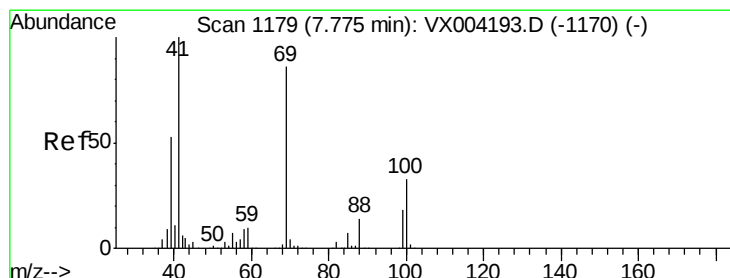
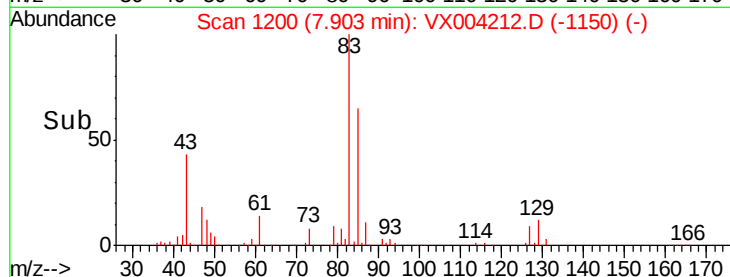
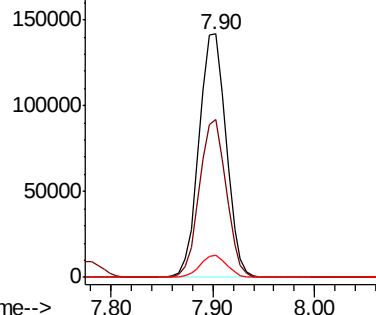
Tot Ion:	83	Resp:	260784
Ion Ratio	Lower	Upper	
83	100		
85	64.6	50.9	76.3
127	9.3	7.3	10.9

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



#48

Methyl methacrylate

Concen: 51.31 ug/l

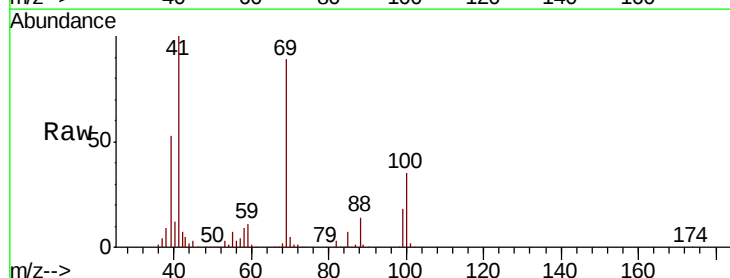
RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

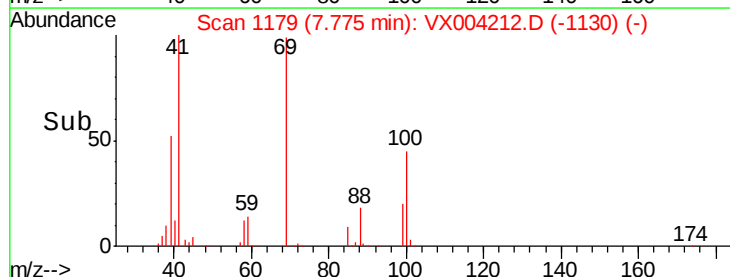
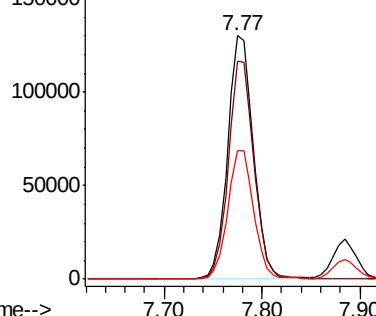
Lab File: VX004212.D

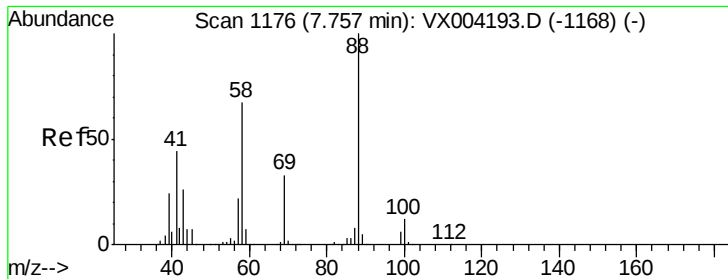
Acq: 22 Aug 2018 21:16

Tgt Ion:	41	Resp:	237080
Ion Ratio	Lower	Upper	
41	100		
69	89.5	70.2	105.4
39	53.1	42.7	64.1



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





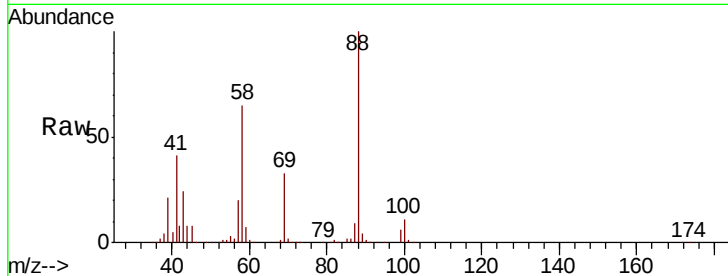
#49
1,4-Dioxane
Concen: 1022.56 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	24.7	37.1
58	67.6	55.3	82.9

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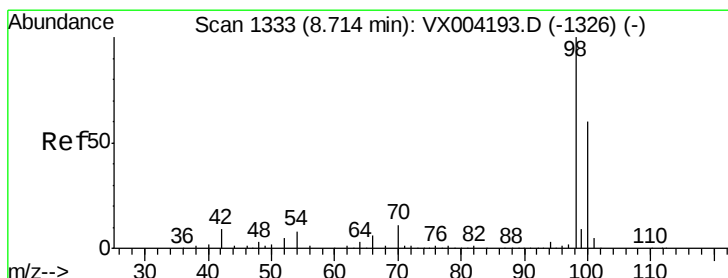
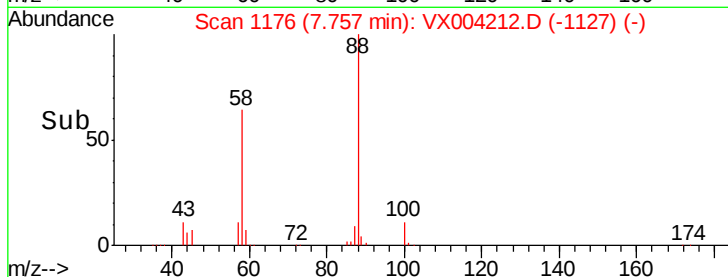
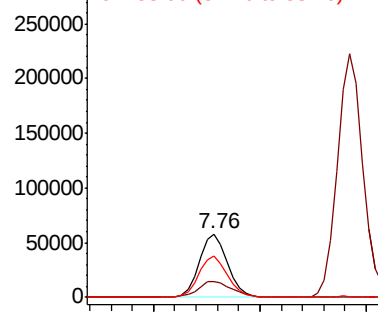


Abundance

Ion 88.00 (87.70 to 88.70): VX0

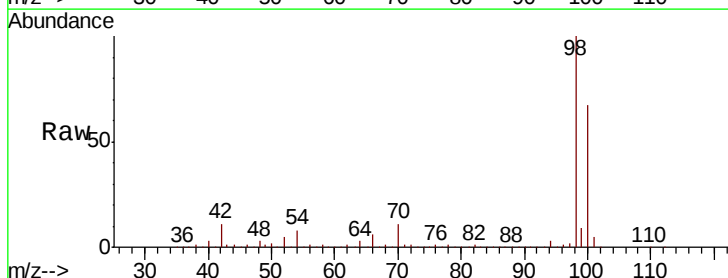
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.36 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

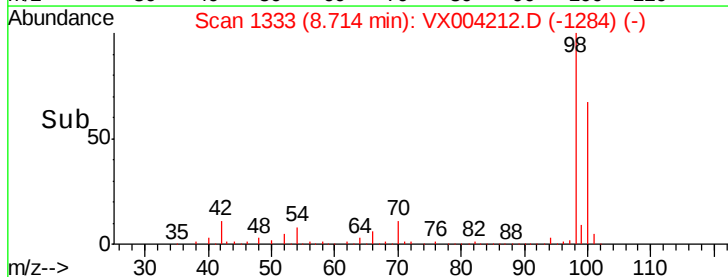
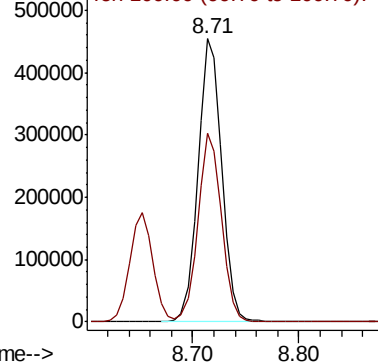
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.9	79.3

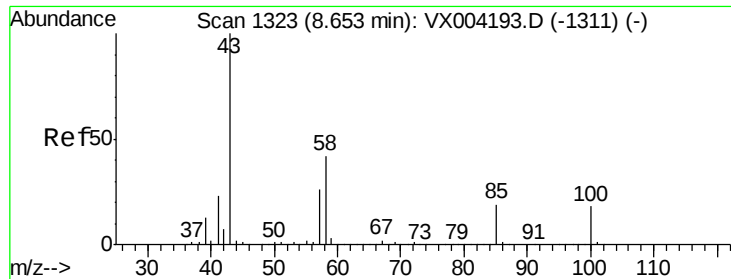


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





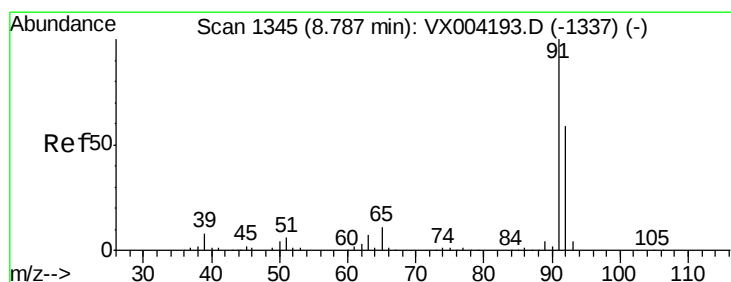
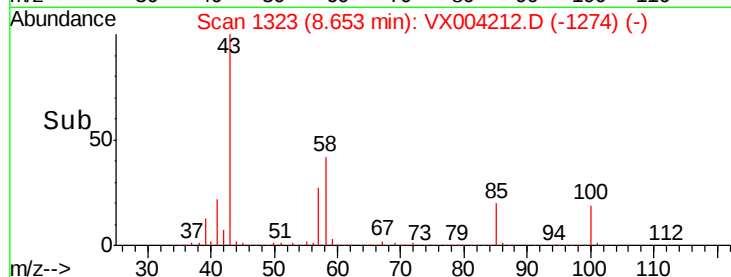
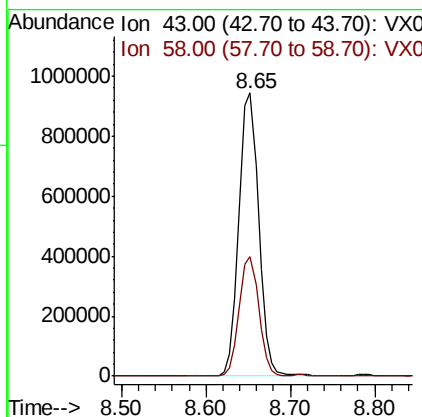
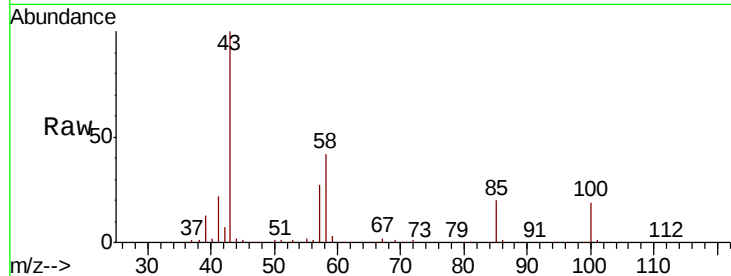
#51
4-Methyl-2-Pentanone
Concen: 237.33 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion: 43 Resp: 1488937
Ion Ratio Lower Upper
43 100
58 41.8 33.1 49.7

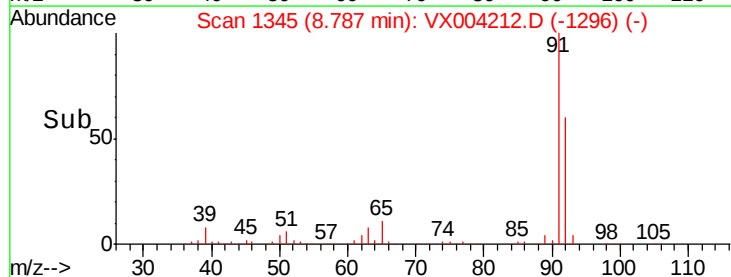
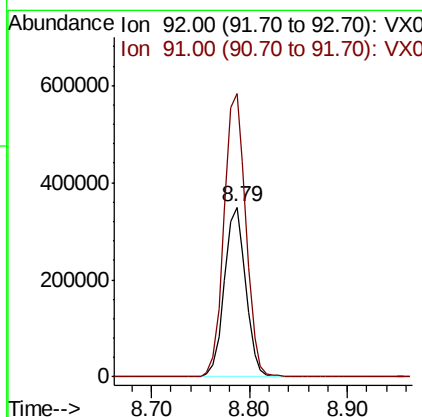
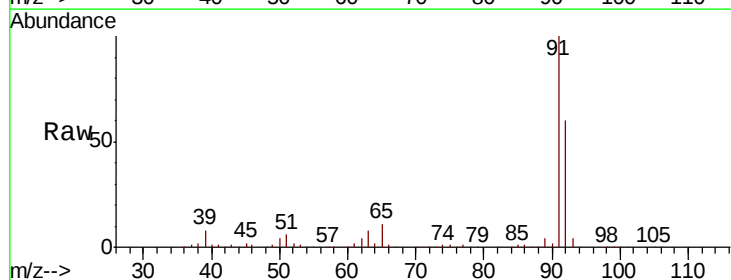
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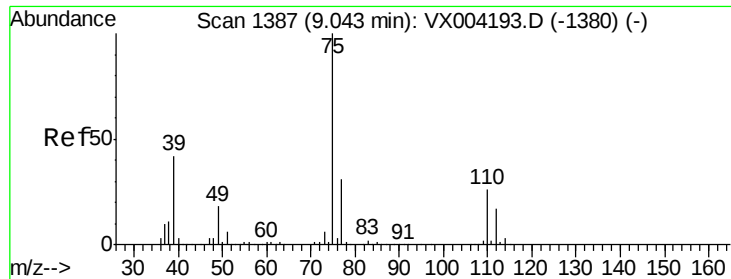
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#52
Toluene
Concen: 49.45 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion: 92 Resp: 528477
Ion Ratio Lower Upper
92 100
91 170.7 136.4 204.6





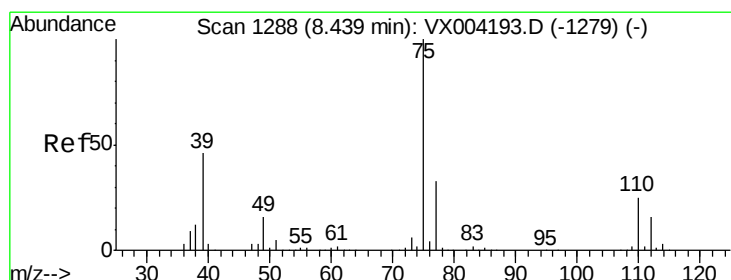
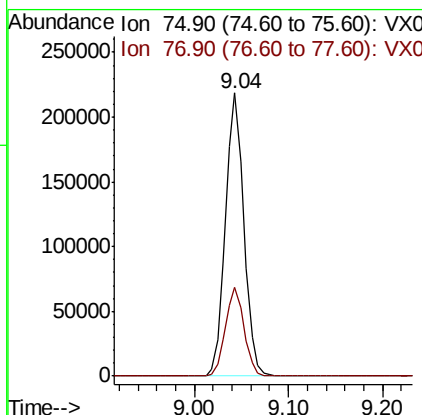
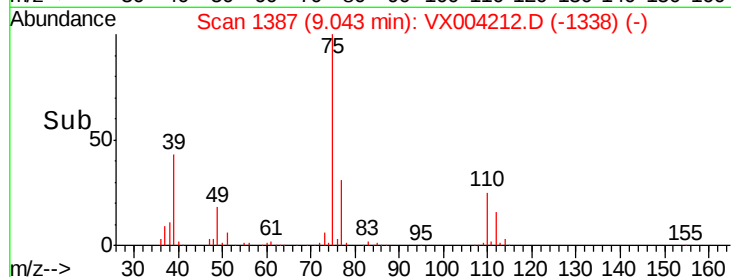
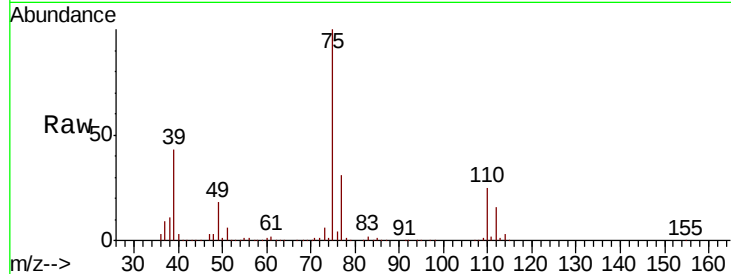
#53
 t-1,3-Dichloropropene
 Concen: 50.72 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 75 Resp: 296550
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 37.0

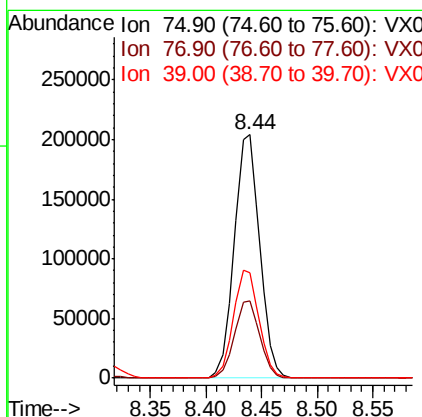
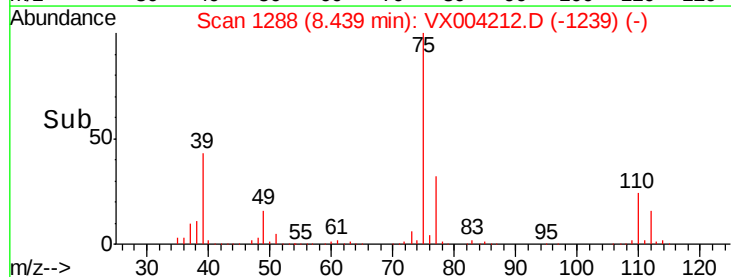
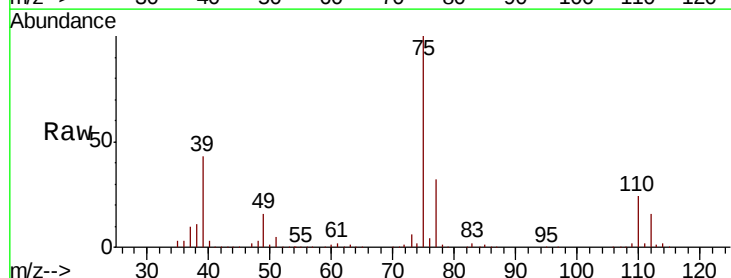
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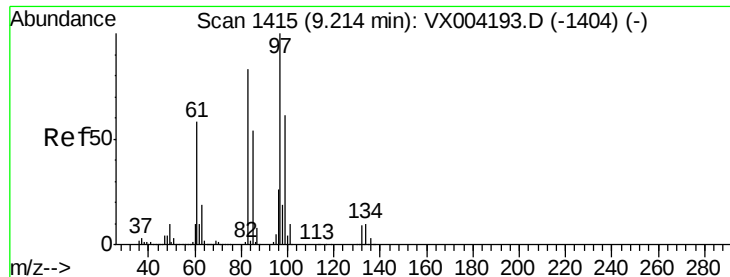
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#54
 cis-1,3-Dichloropropene
 Concen: 50.69 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion: 75 Resp: 322863
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.2 39.2
 39 43.3 36.4 54.6





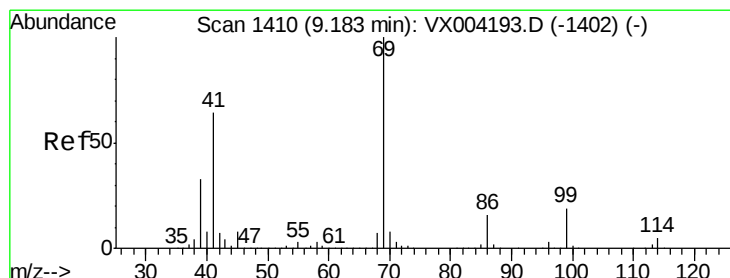
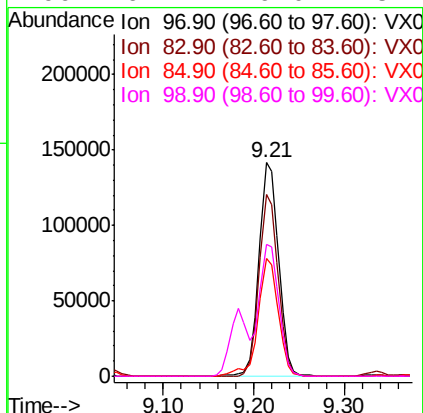
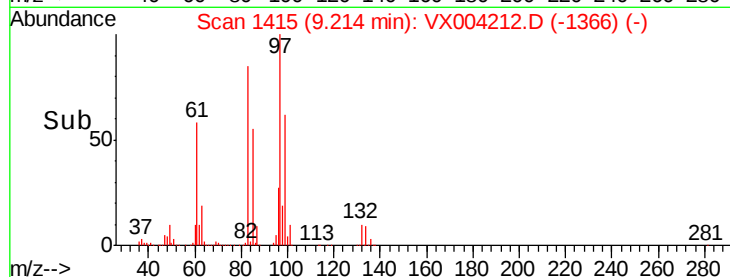
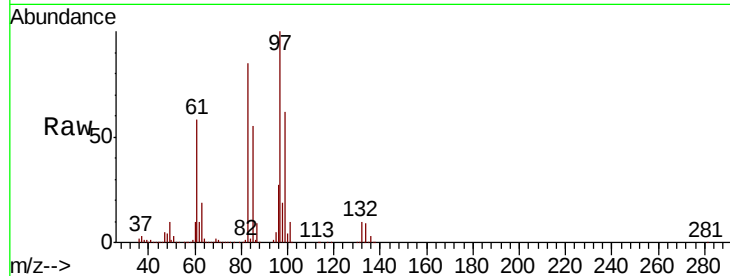
#55
 1,1,2-Trichloroethane
 Concen: 49.27 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.4	99.6
85	55.1	43.3	64.9
99	61.7	49.0	73.4

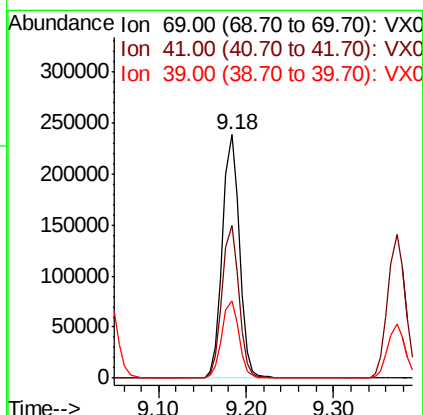
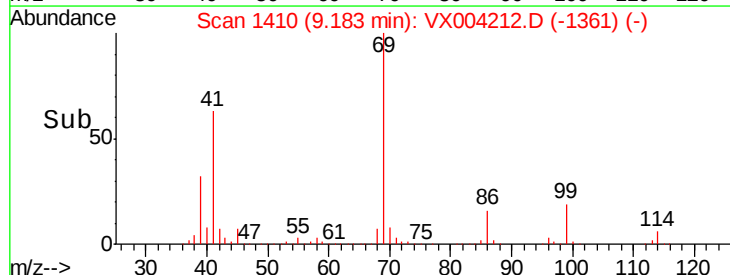
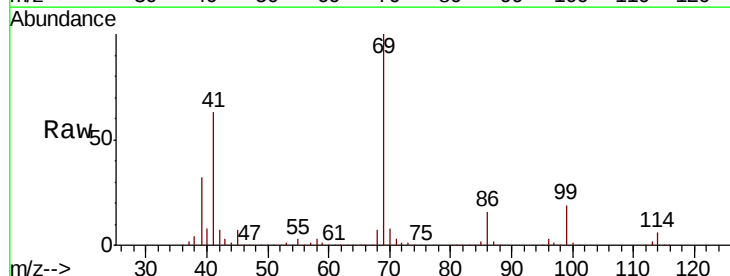
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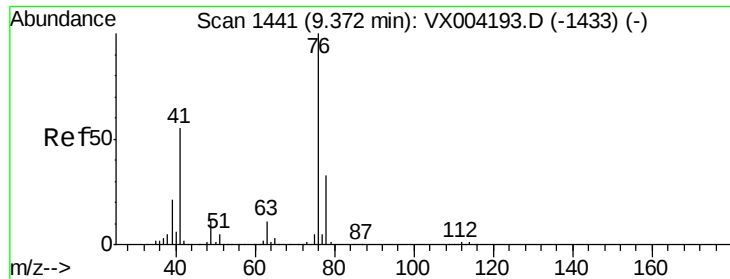
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#56
 Ethyl methacrylate
 Concen: 54.55 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.0	76.4
39	31.8	26.1	39.1





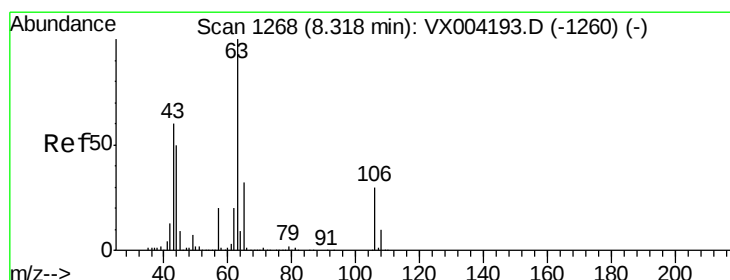
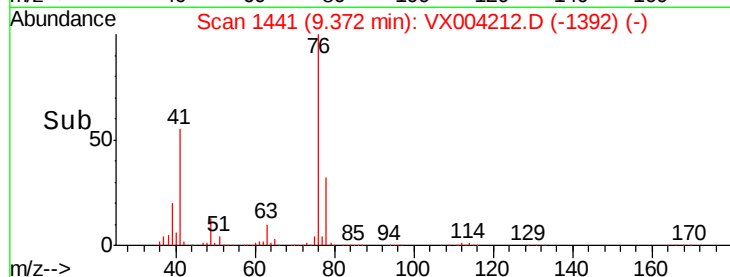
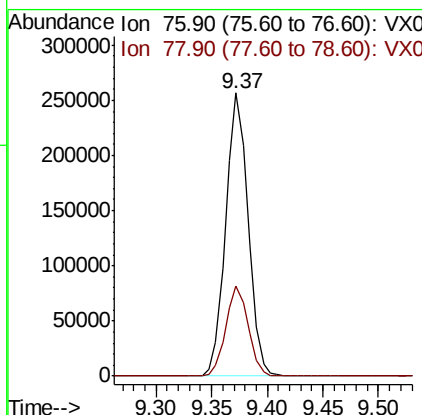
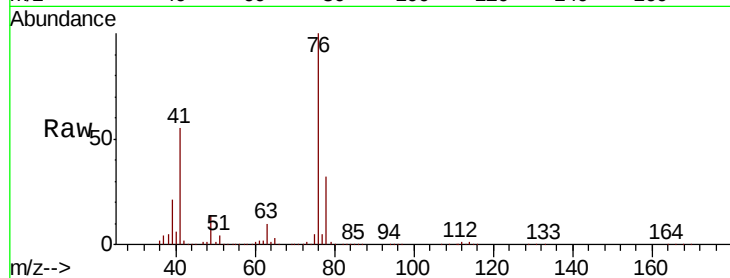
#57
 1,3-Dichloropropane
 Concen: 49.21 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3

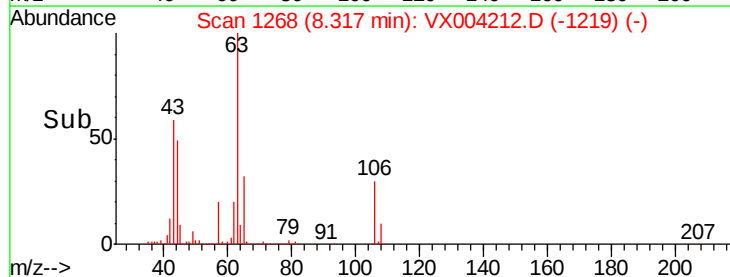
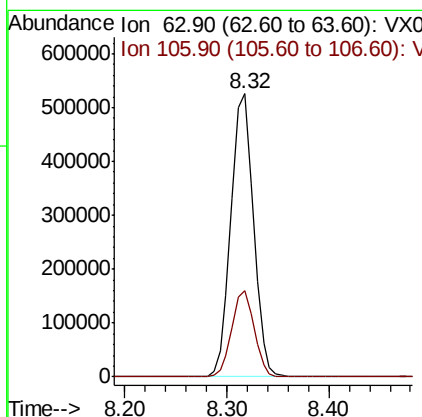
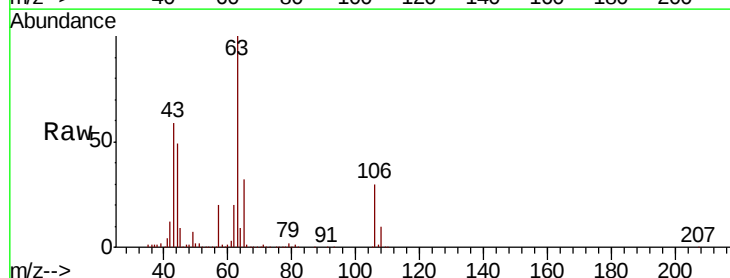
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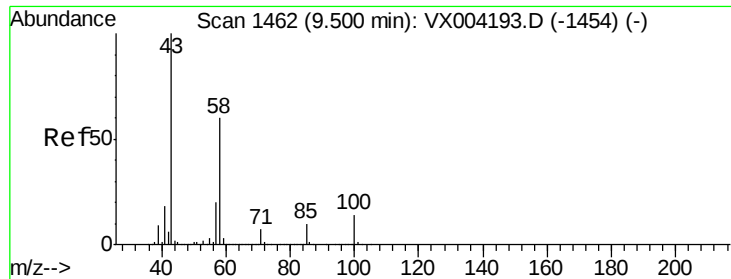
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#58
 2-Chloroethyl Vinyl ether
 Concen: 267.29 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	23.9	35.9





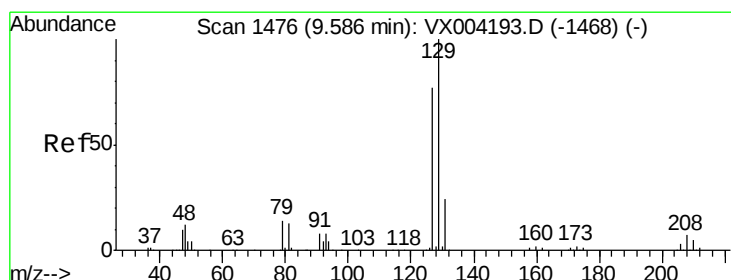
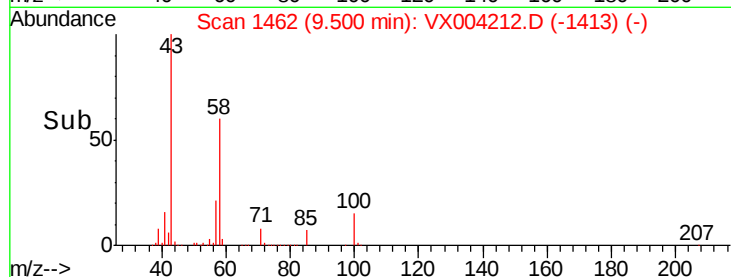
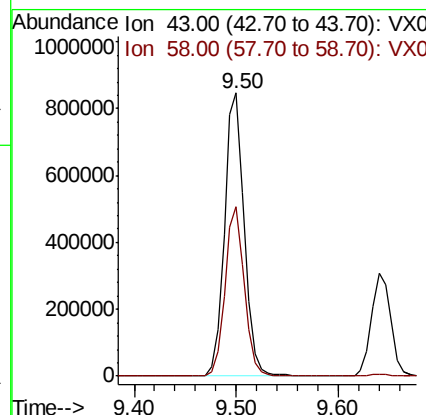
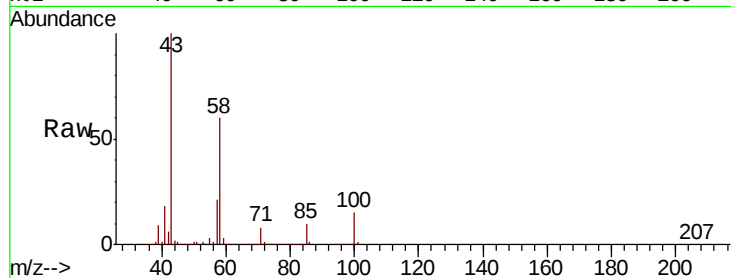
#59
2-Hexanone
Concen: 238.06 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1139372
Ion Ratio Lower Upper
43 100
58 58.7 29.0 87.0

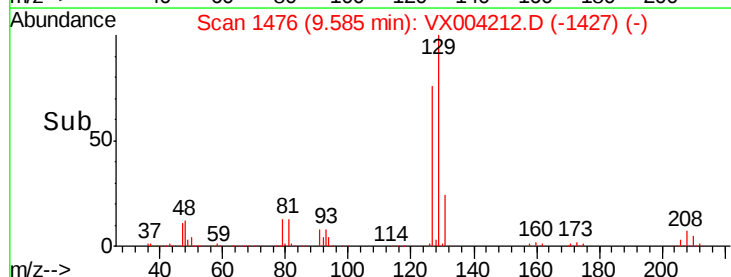
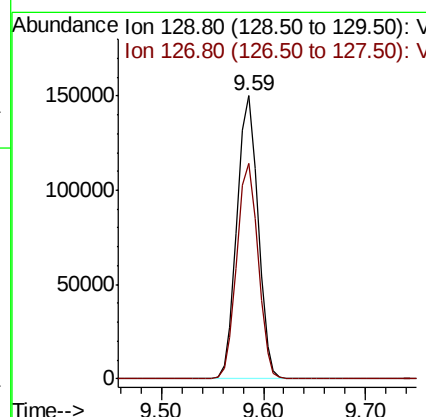
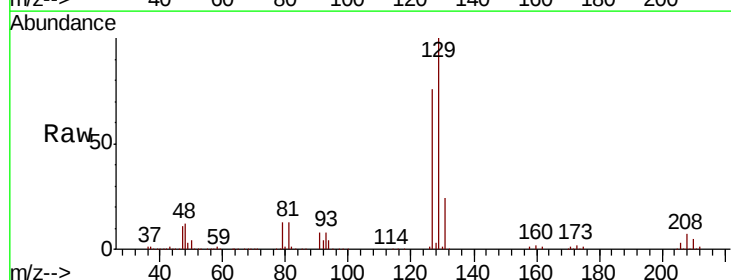
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#60
Dibromochloromethane
Concen: 50.95 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion: 129 Resp: 214128
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





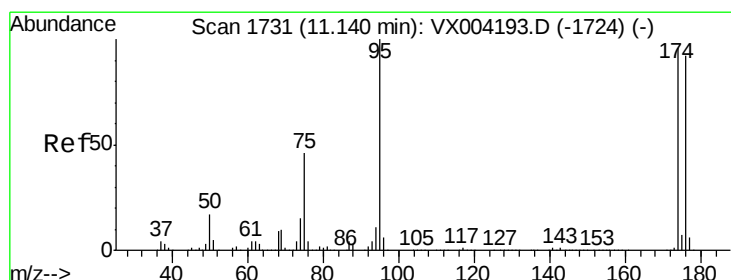
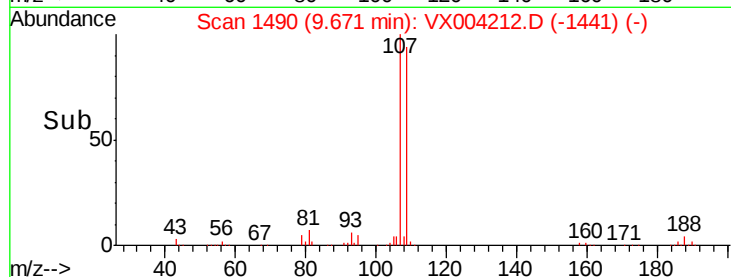
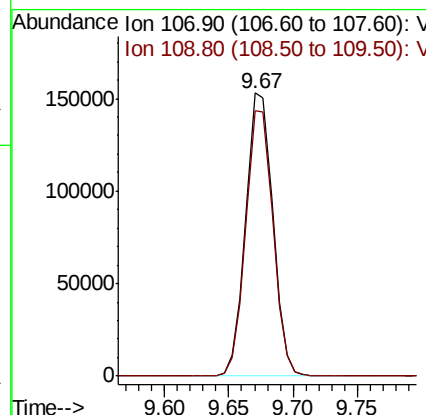
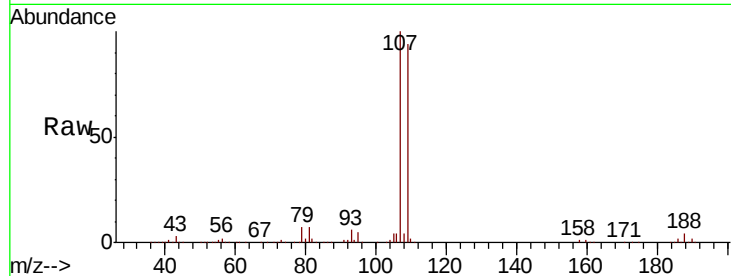
#61
 1,2-Dibromoethane
 Concen: 49.93 ug/l
 RT: 9.67 min Scan# 1490
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	222898		
109	94.5	76.0	114.0	

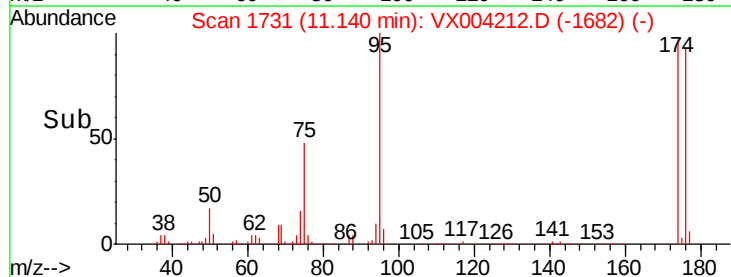
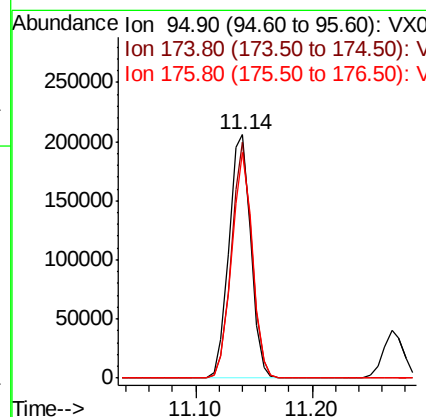
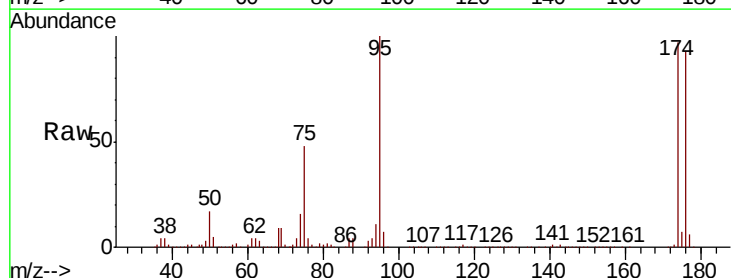
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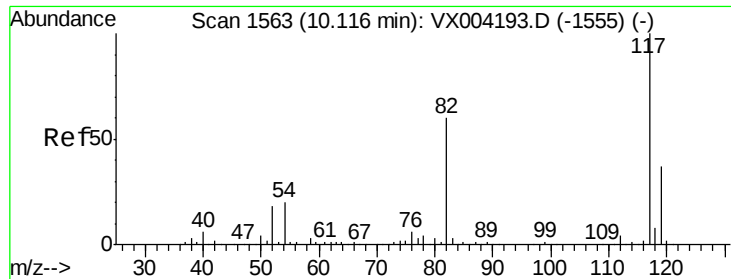
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#62
 4-Bromofluorobenzene
 Concen: 50.04 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	266438		
174	90.8	0.0	185.2	
176	88.4	0.0	178.6	





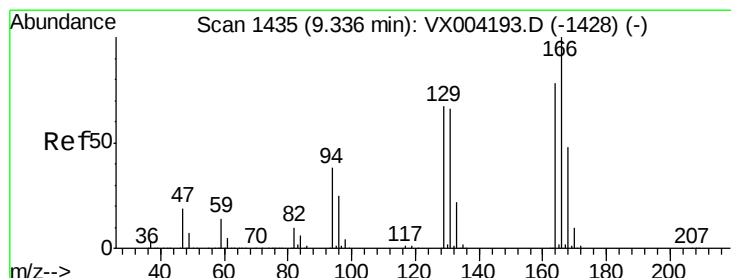
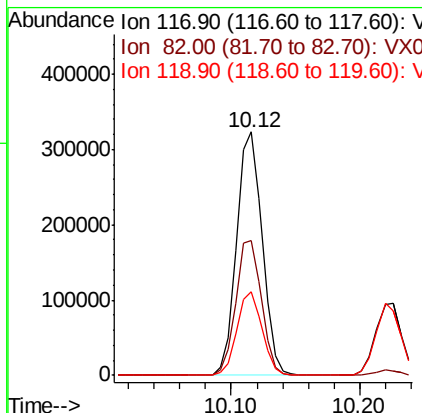
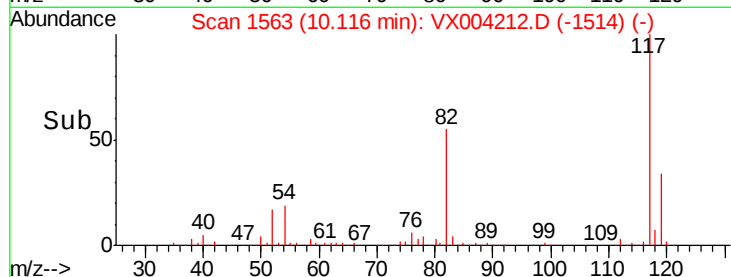
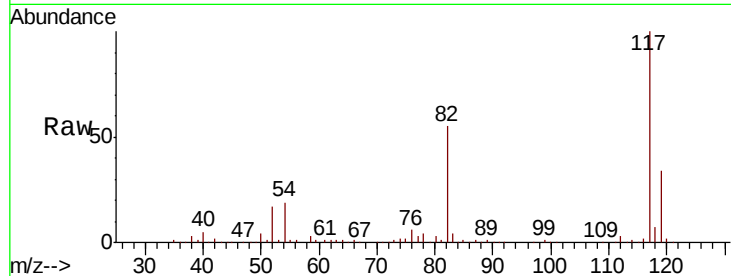
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	47.8	71.6
119	34.2	29.3	43.9

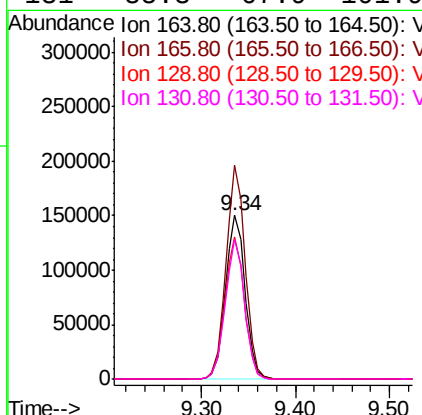
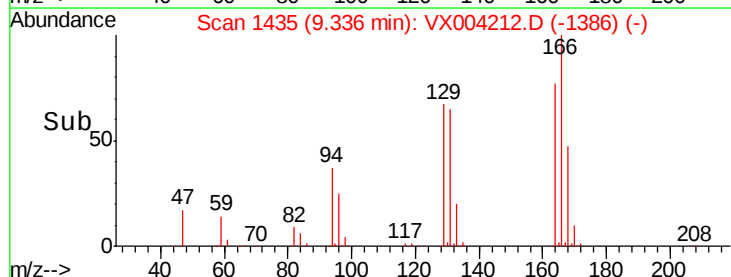
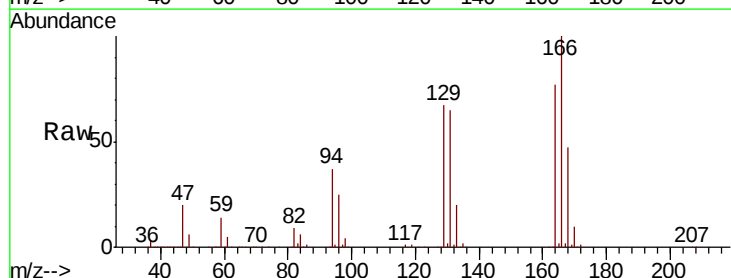
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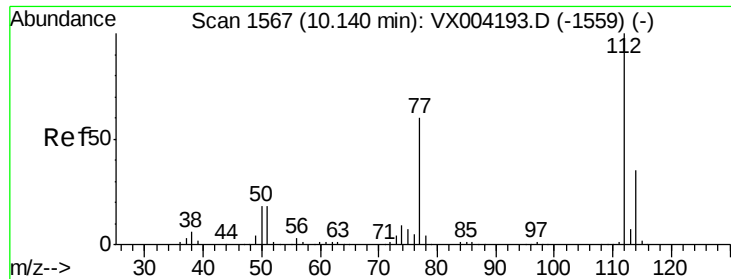
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#64
Tetrachloroethene
Concen: 49.02 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	102.8	154.2
129	87.1	69.4	104.0
131	85.3	67.9	101.9





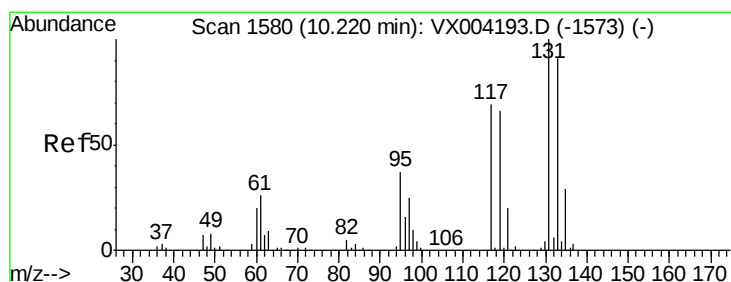
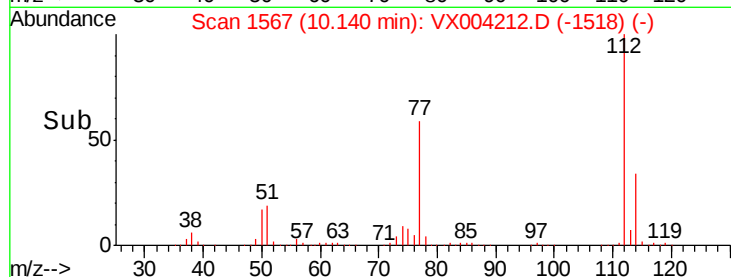
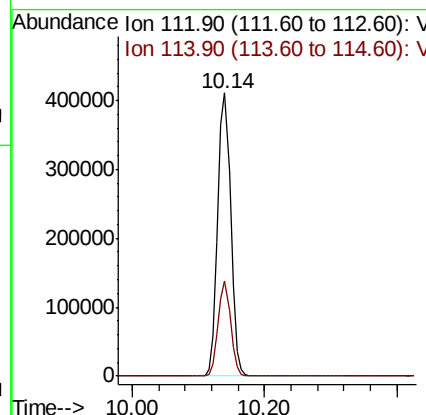
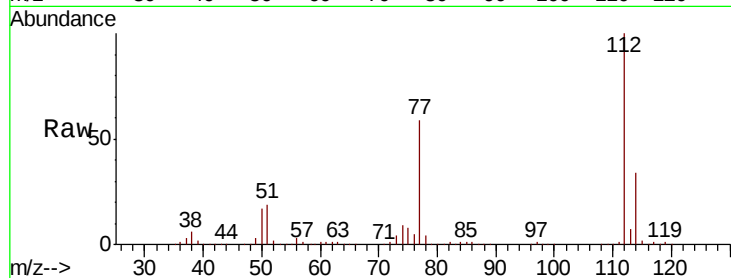
#65
Chlorobenzene
Concen: 49.68 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 557053
Ion Ratio Lower Upper
112 100
114 33.6 27.8 41.8

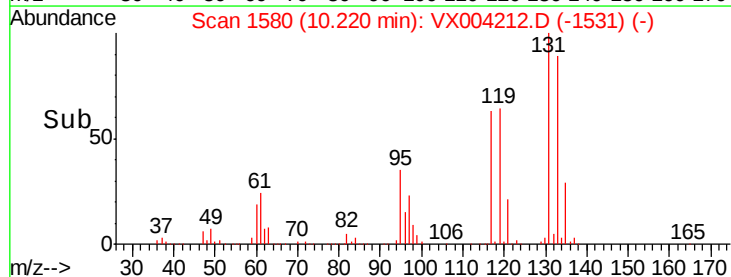
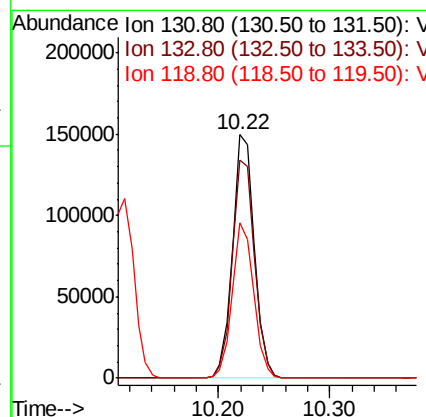
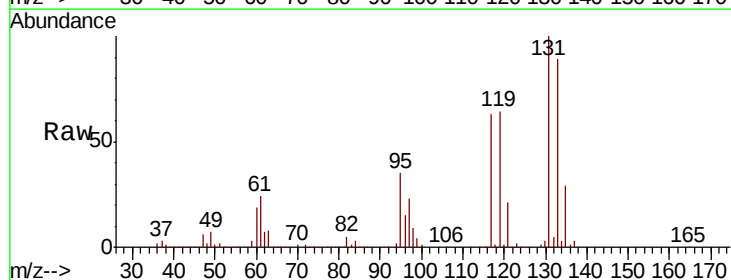
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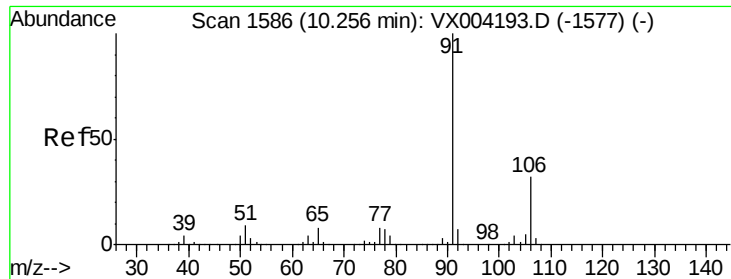
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.17 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion:131 Resp: 201786
Ion Ratio Lower Upper
131 100
133 92.2 48.1 144.4
119 63.1 32.9 98.6





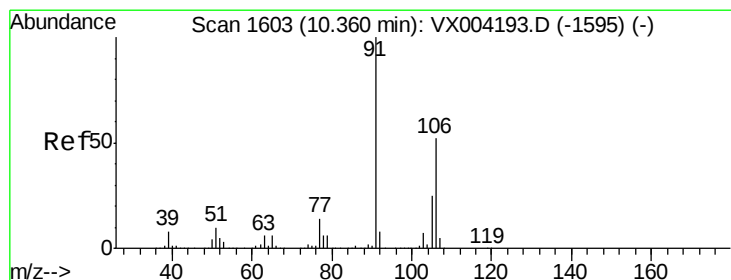
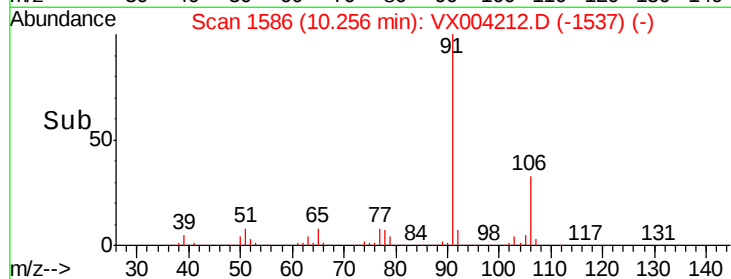
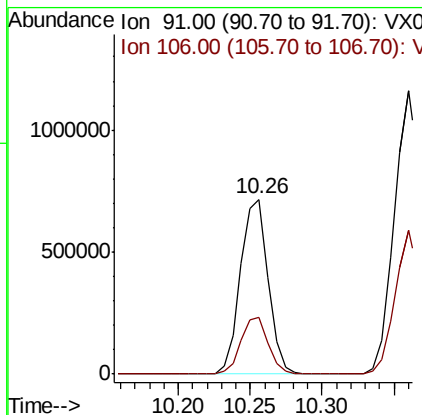
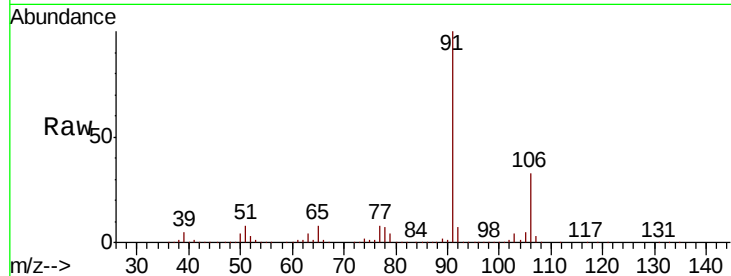
#67
Ethyl Benzene
Concen: 52.70 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.9	38.9

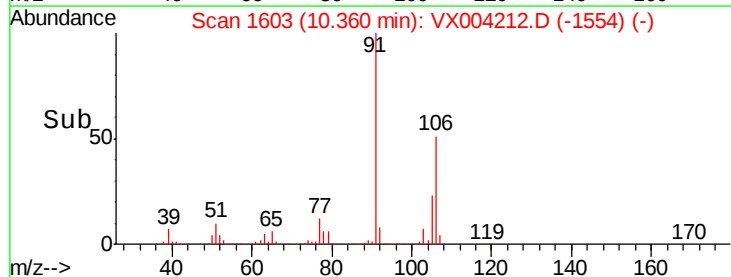
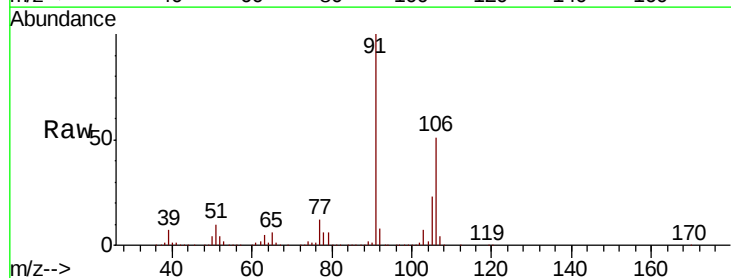
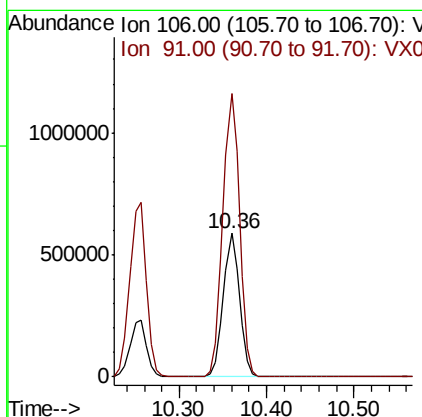
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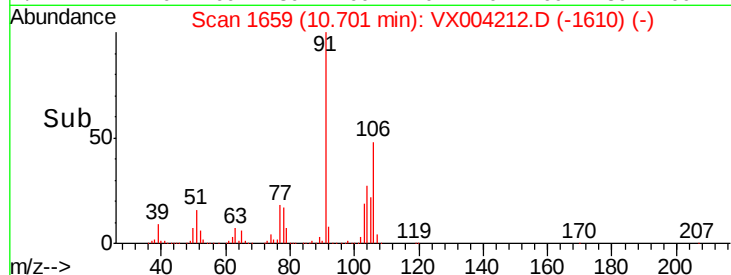
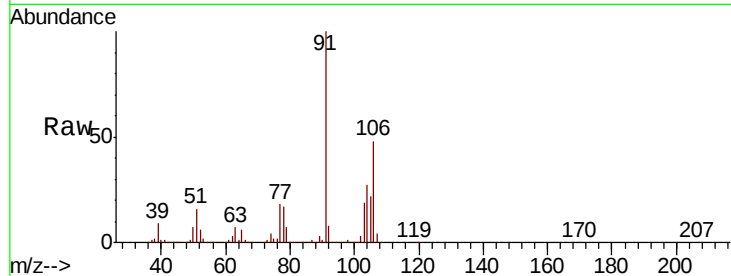
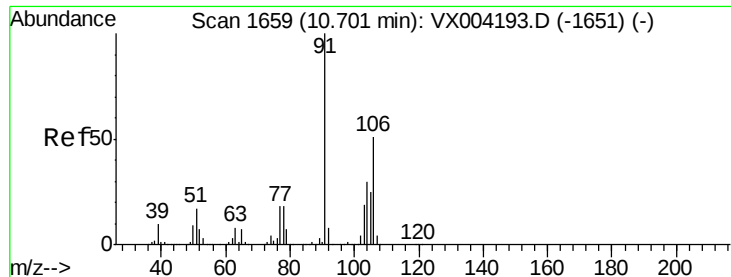
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#68
m/p-Xylenes
Concen: 105.53 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.3	157.1	235.7





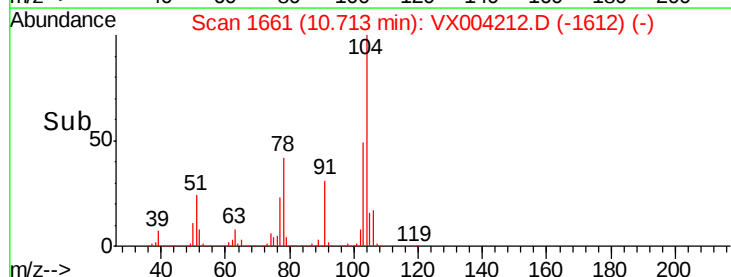
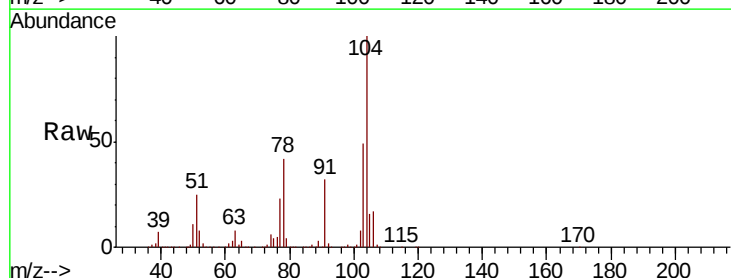
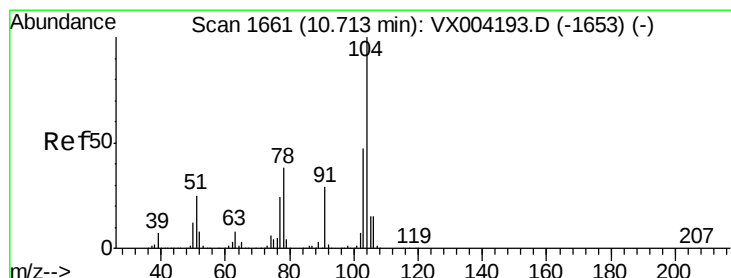
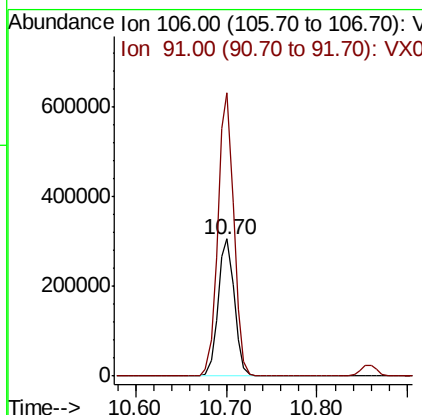
#69
o-Xylene
Concen: 56.70 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.4	105.1	315.1

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

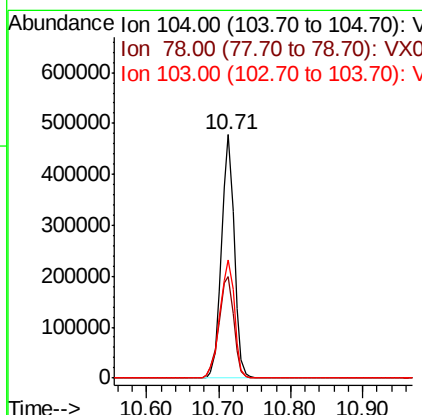
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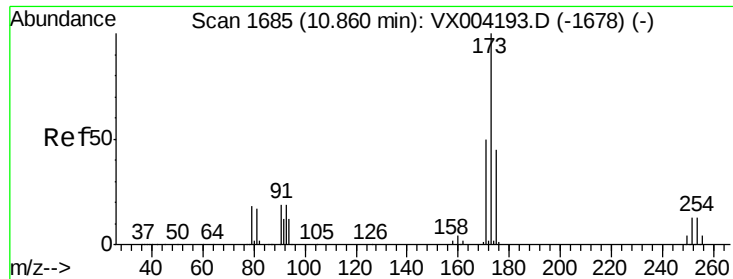
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#70
Styrene
Concen: 53.89 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	37.4	56.0
103	55.3	43.8	65.6





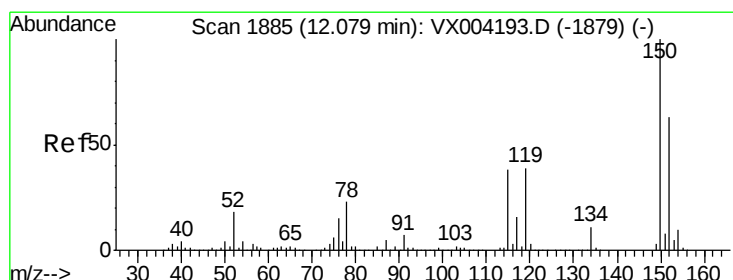
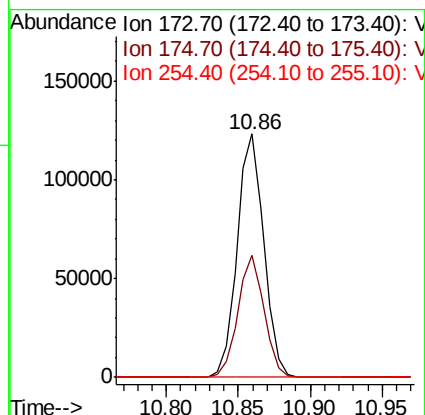
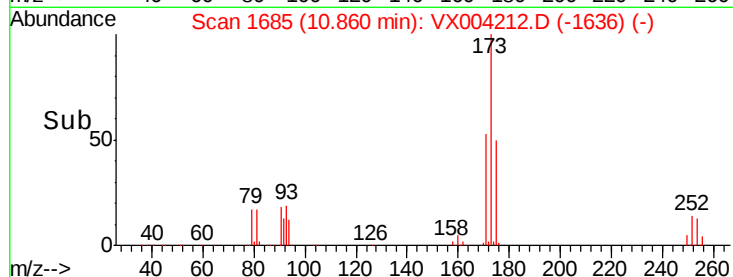
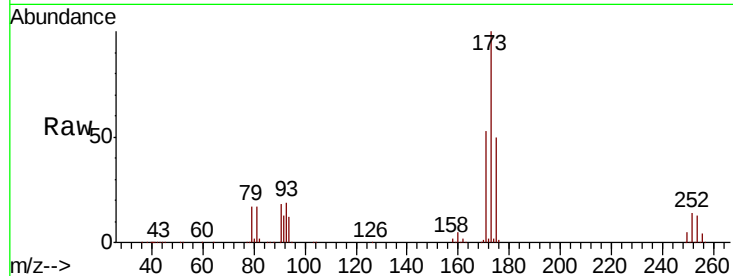
#71
Bromoform
Concen: 50.99 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

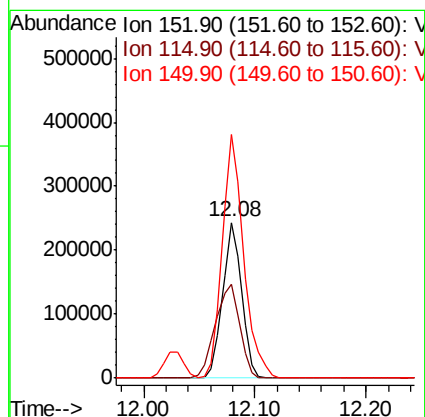
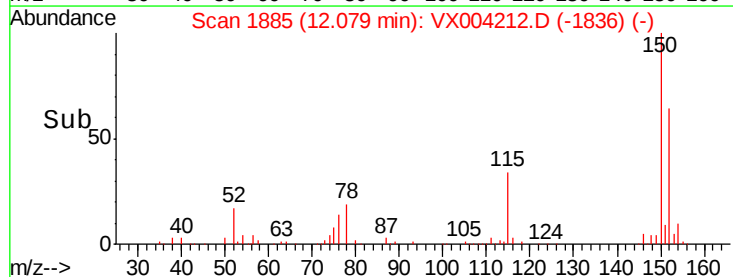
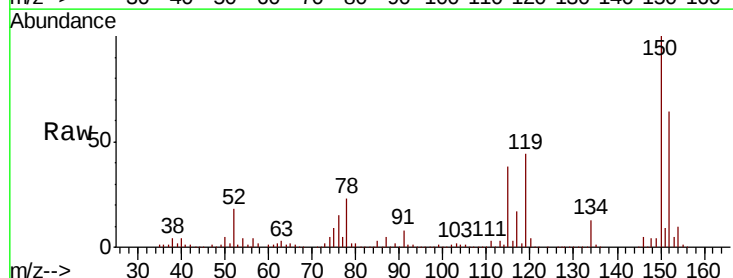
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	39.0	117.0
150	176.2	0.0	351.0





#73

Isopropylbenzene

Concen: 54.02 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1019870

Ion Ratio Lower Upper

105 100

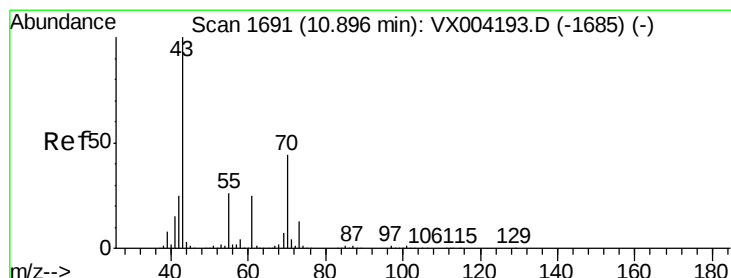
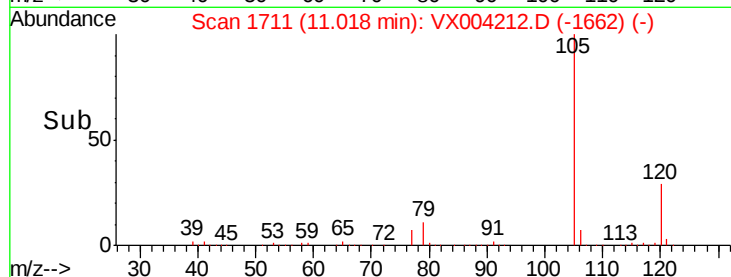
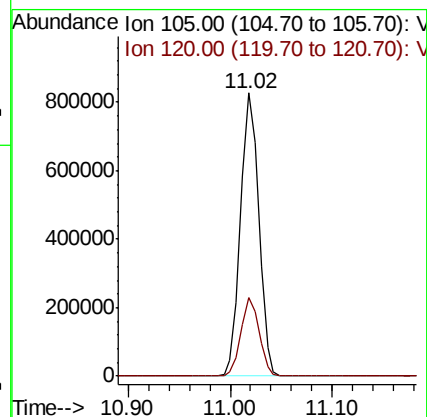
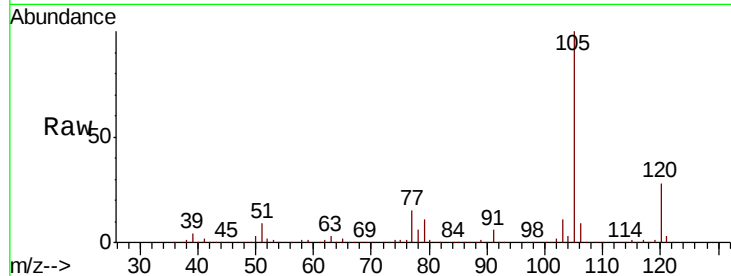
120 27.4 13.5 40.4

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#74

N-ethyl acetate

Concen: 54.28 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Tgt Ion: 43 Resp: 394577

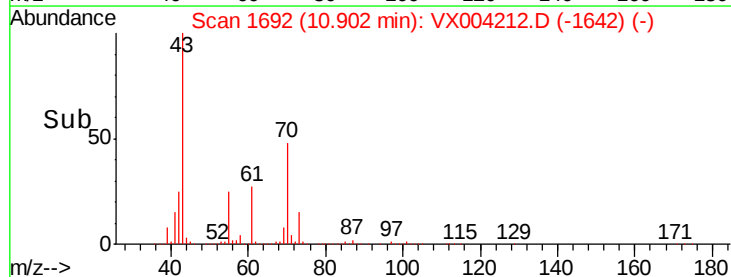
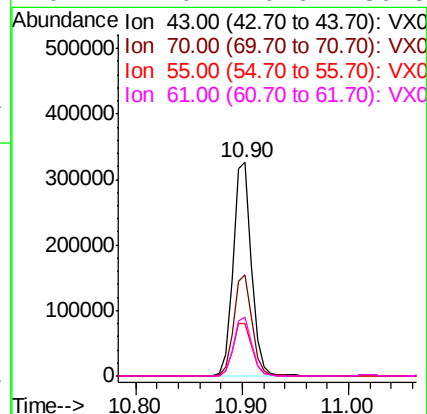
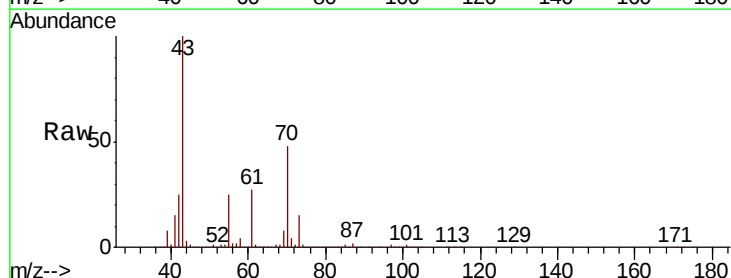
Ion Ratio Lower Upper

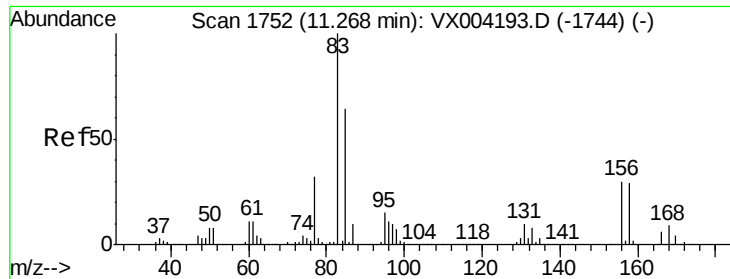
43 100

70 47.2 37.4 56.0

55 25.9 21.8 32.8

61 27.0 20.6 30.8





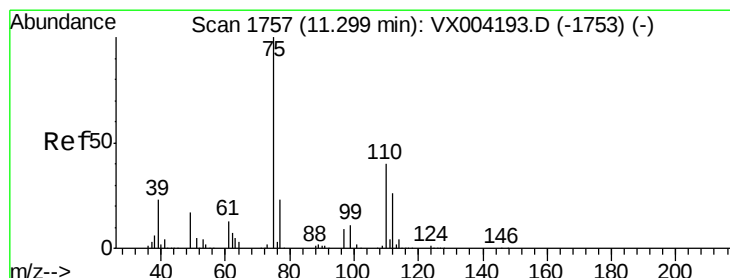
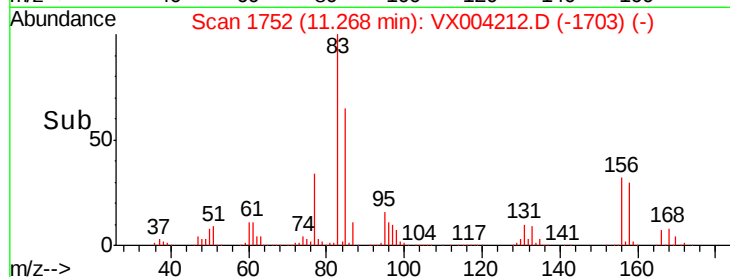
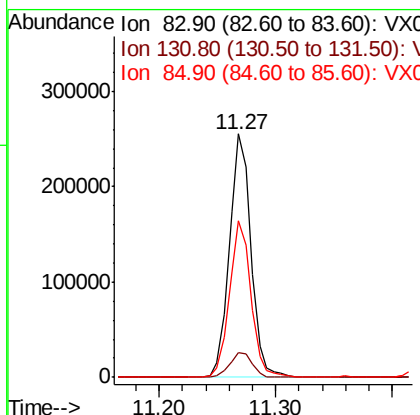
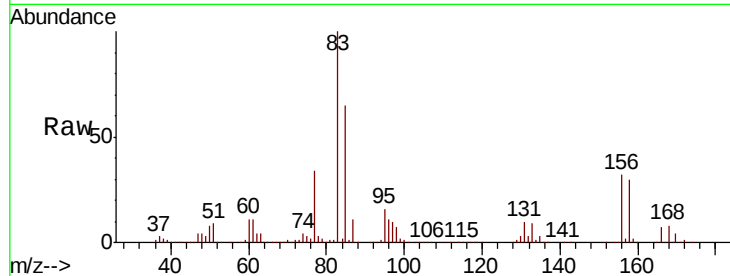
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.83 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.6	5.2	15.6	
85	64.3	32.3	96.8	

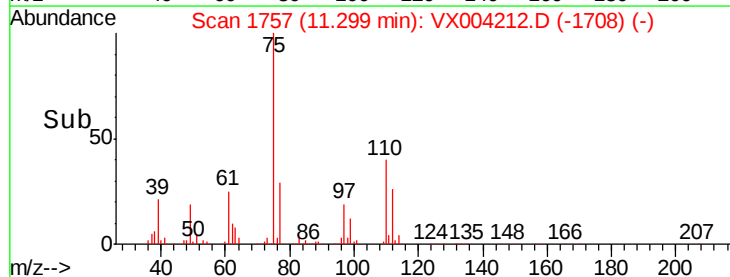
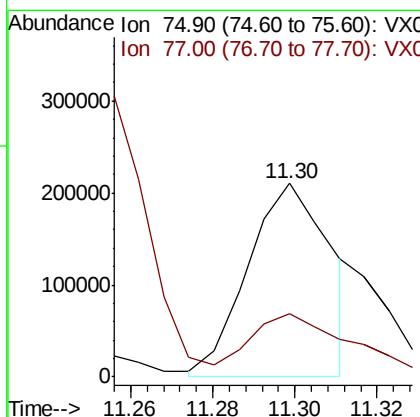
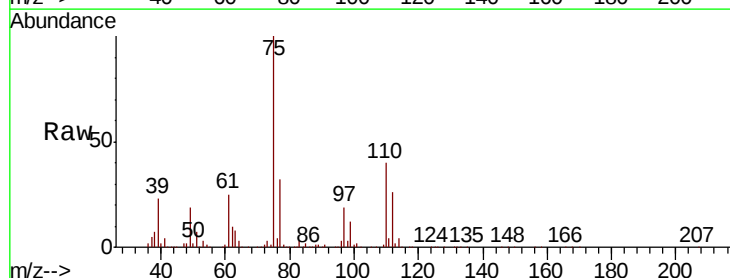
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#76
 1,2,3-Trichloropropane
 Concen: 50.21 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	39.8	20.2	60.6	





#77

Bromobenzene

Concen: 50.61 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

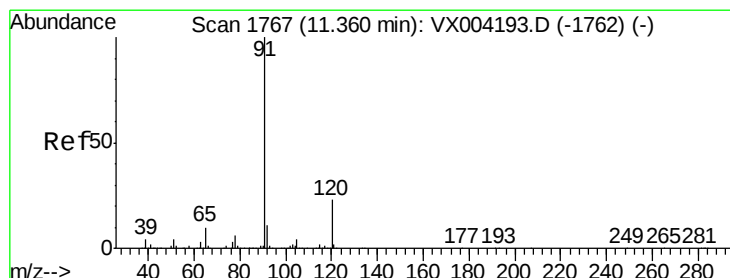
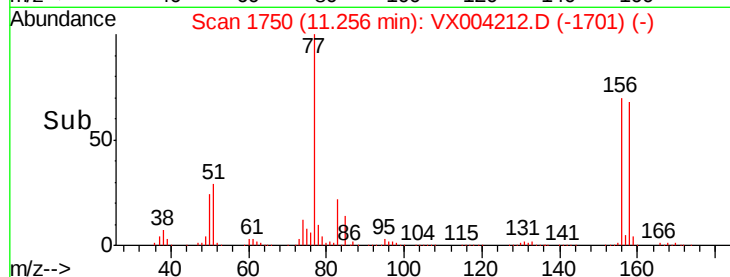
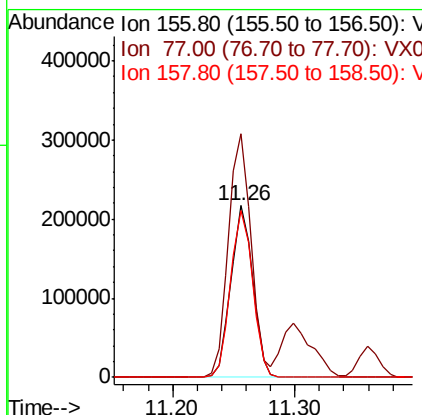
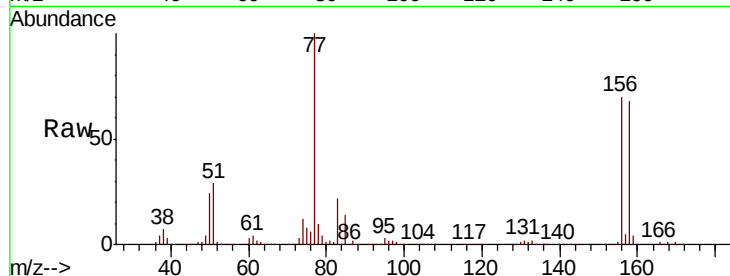
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	268026
Ion Ratio	Lower	Upper	
156	100		
77	147.0	71.5	214.3
158	98.4	48.9	146.8

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#78

n-propylbenzene

Concen: 54.49 ug/l

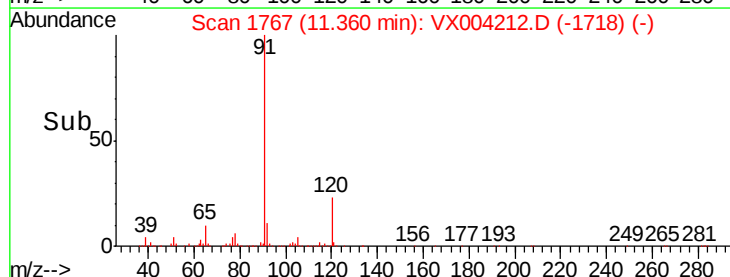
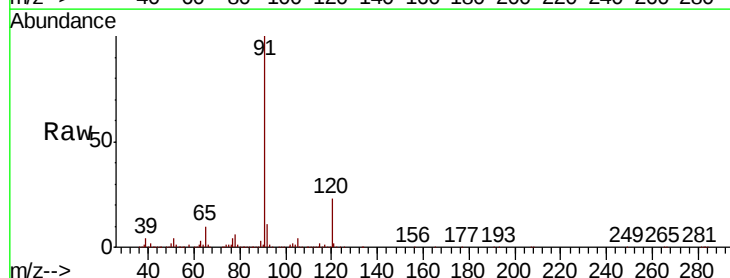
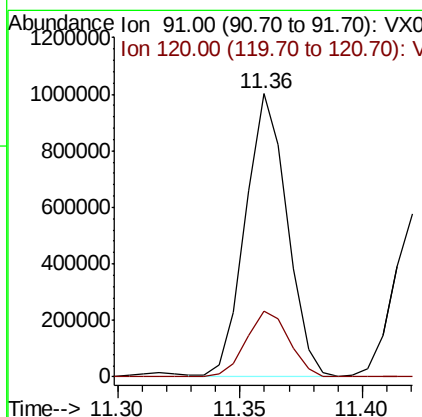
RT: 11.36 min Scan# 1767

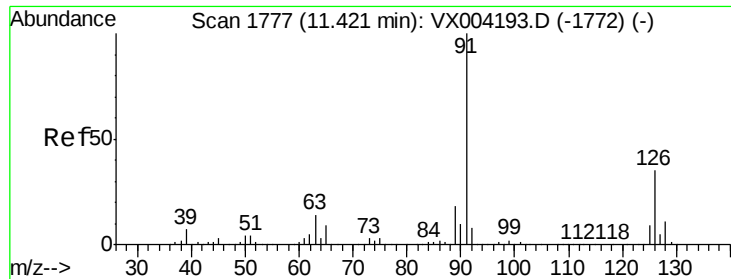
Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Tgt Ion:	91	Resp:	1183256
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.9	35.9





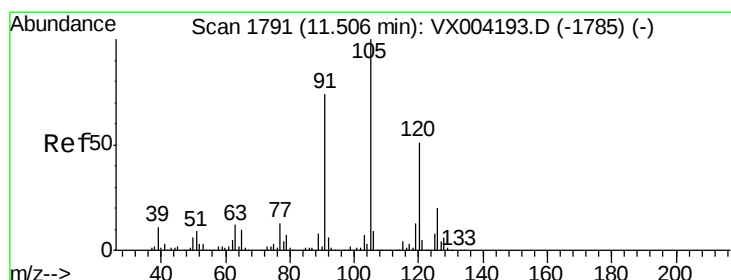
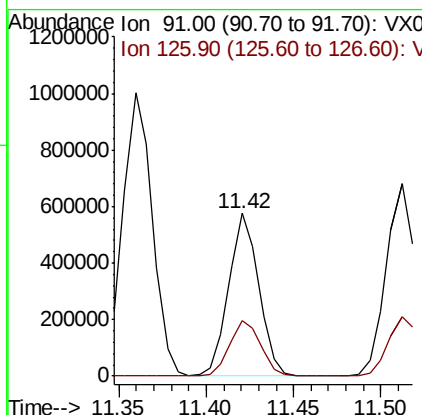
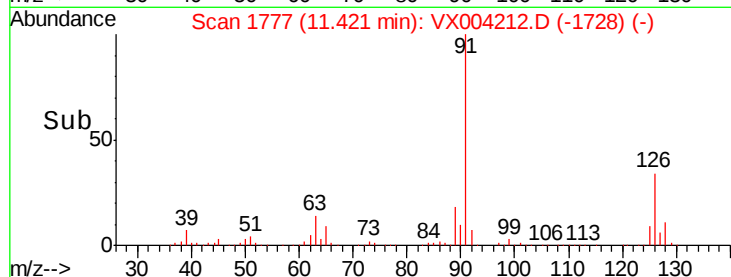
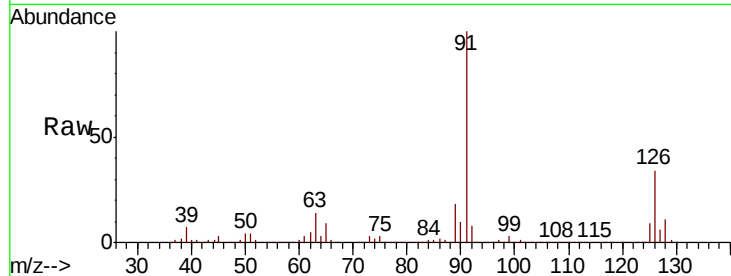
#79
 2-Chlorotoluene
 Concen: 51.39 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 686821
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.9 53.7

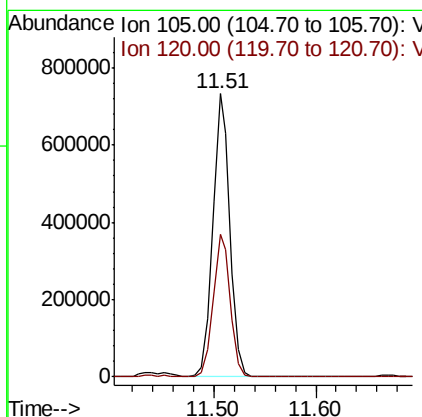
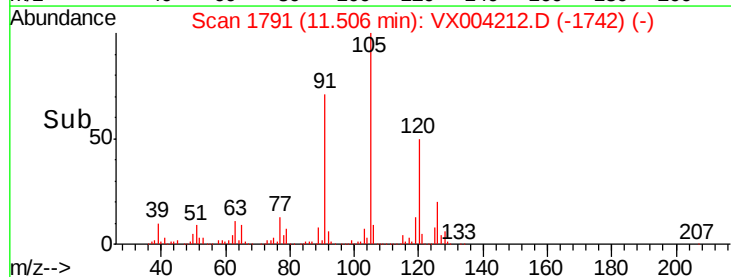
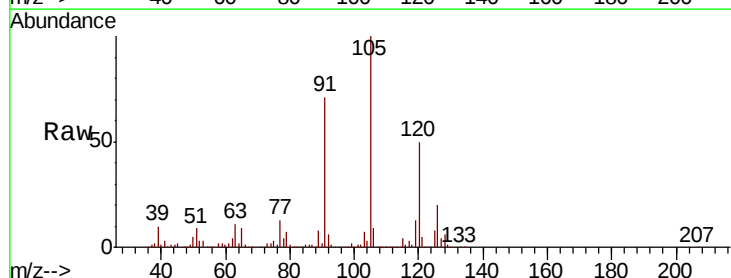
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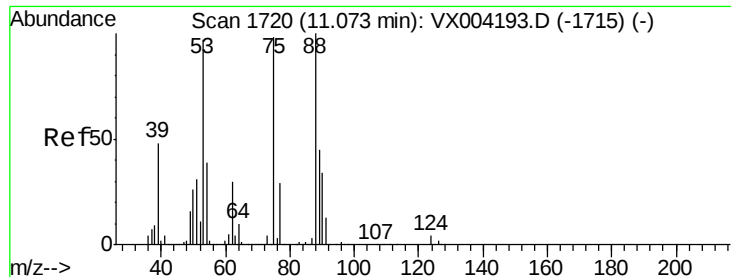
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#80
 1,3,5-Trimethylbenzene
 Concen: 55.10 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion: 105 Resp: 861457
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.6 76.8





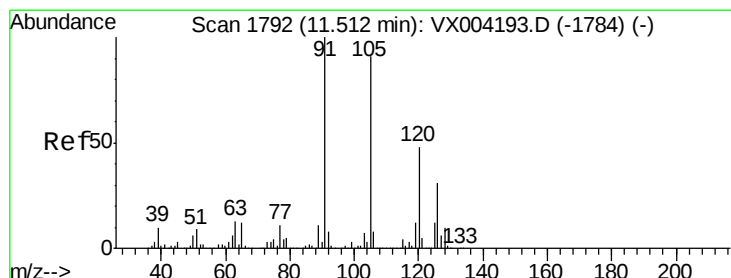
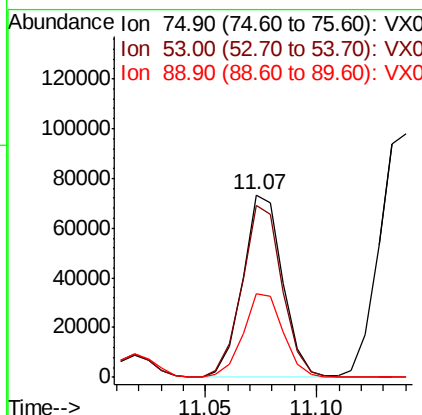
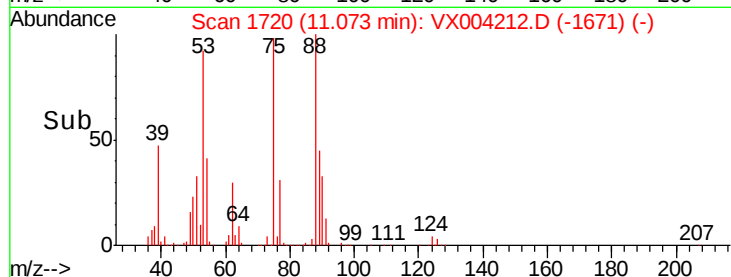
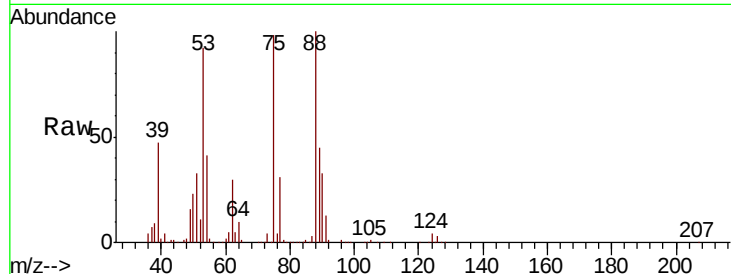
#81
trans-1,4-Dichloro-2-butene
Concen: 50.69 ug/l
RT: 11.07 min Scan# 1720
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.0	80.1	120.1
89	46.0	37.2	55.8

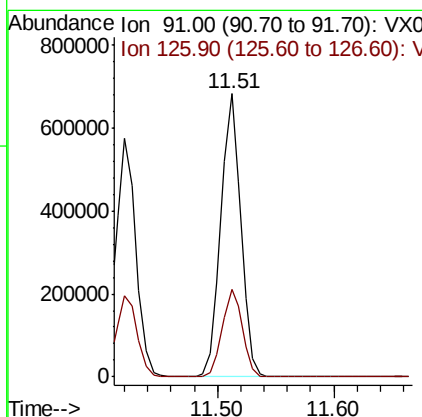
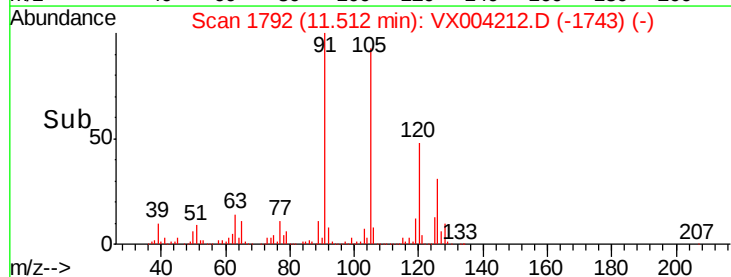
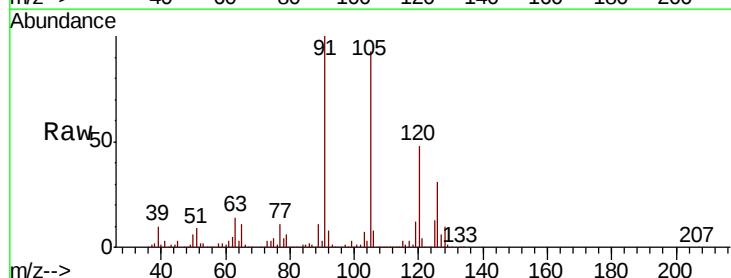
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#82
4-Chlorotoluene
Concen: 51.29 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.5	46.5





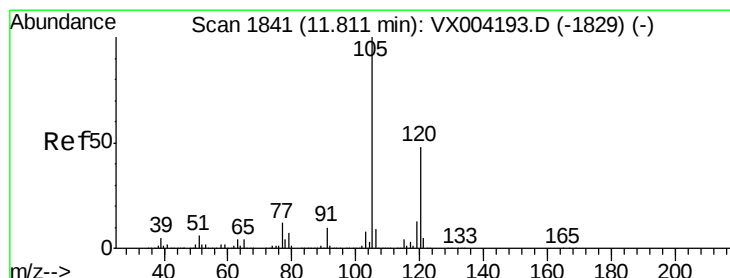
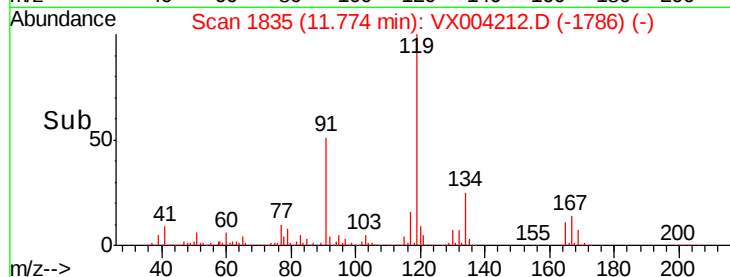
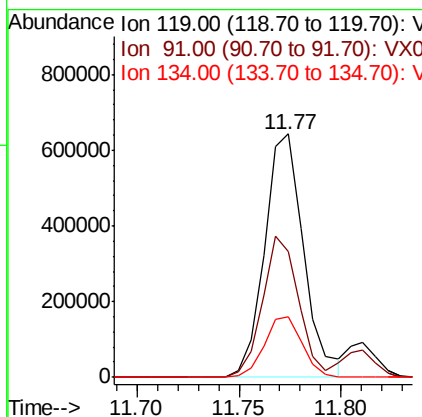
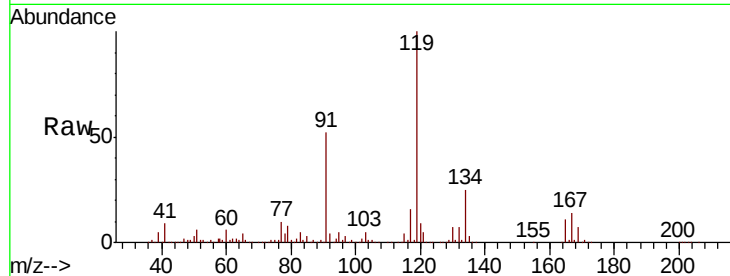
#83
tert-Butylbenzene
Concen: 54.61 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.3	27.0	81.0
134	24.2	11.7	35.1

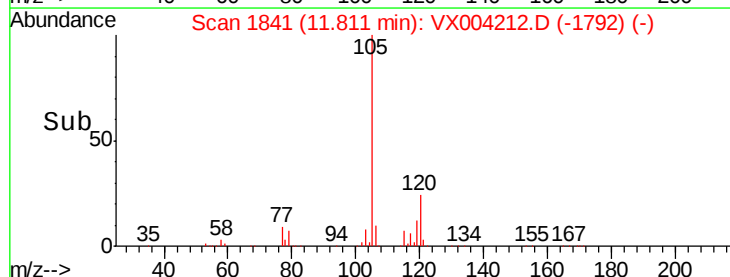
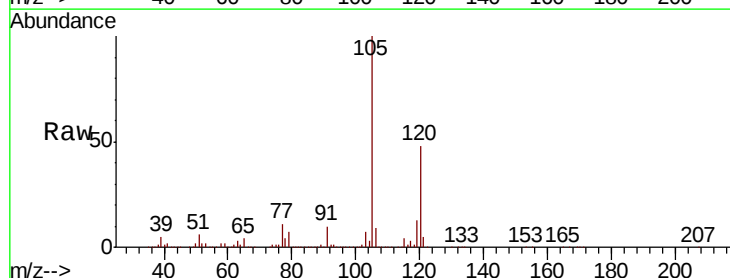
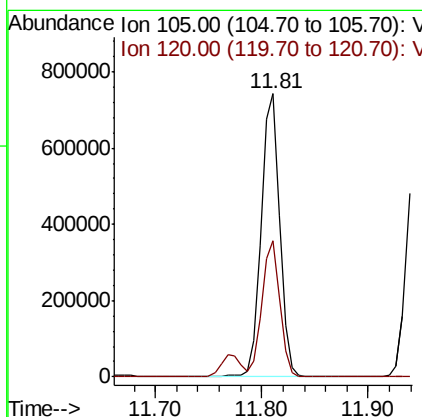
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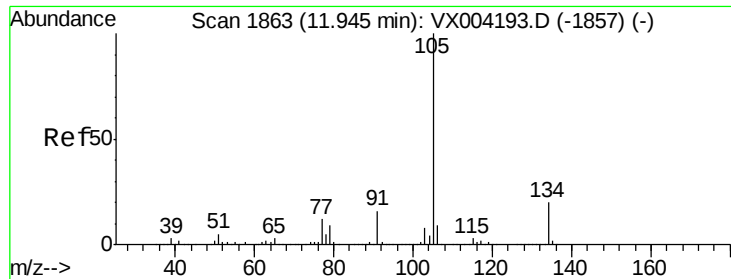
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#84
1,2,4-Trimethylbenzene
Concen: 56.41 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 54.04 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1009139

Ion Ratio Lower Upper

105 100

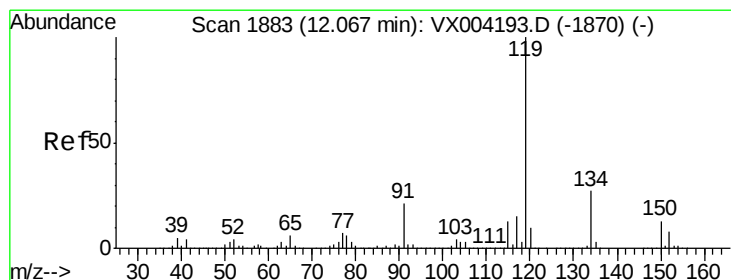
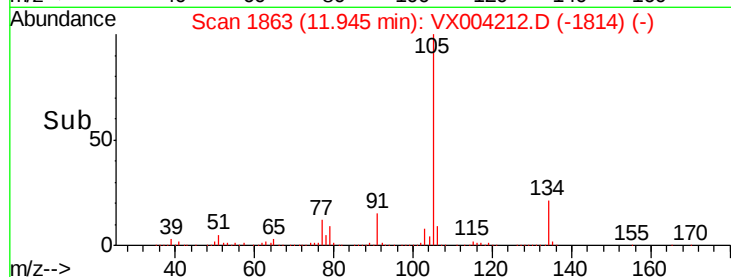
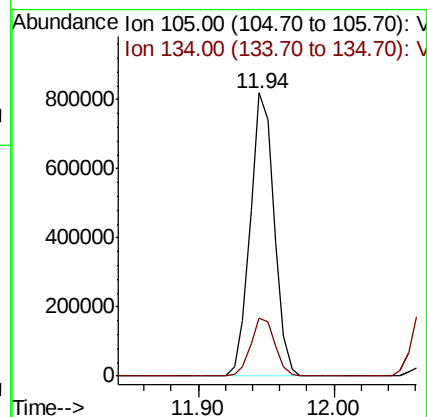
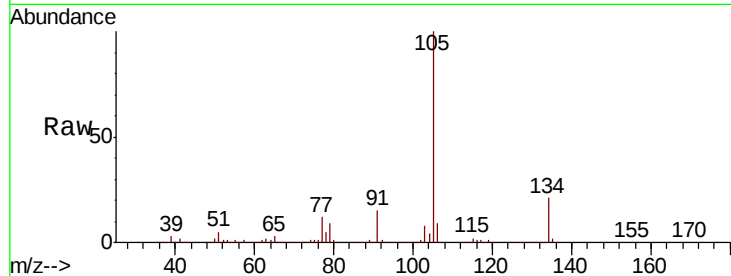
134 20.9 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 54.69 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

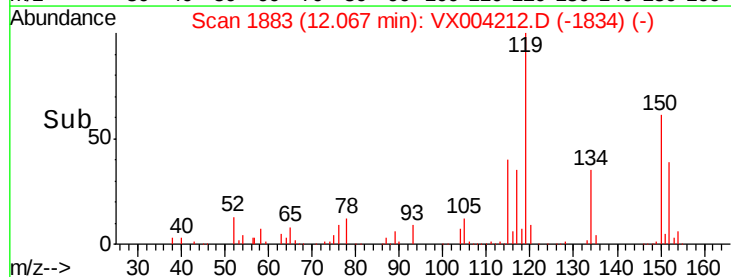
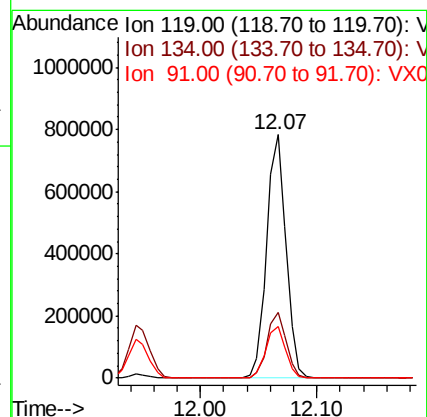
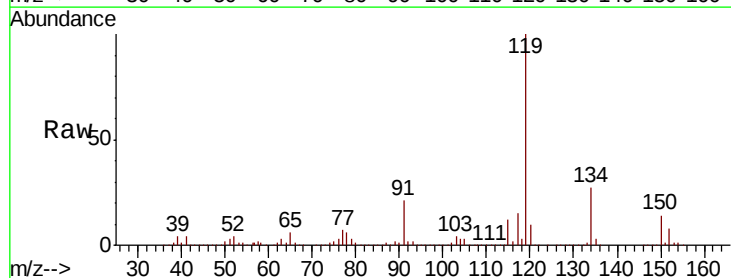
Tgt Ion:119 Resp: 915279

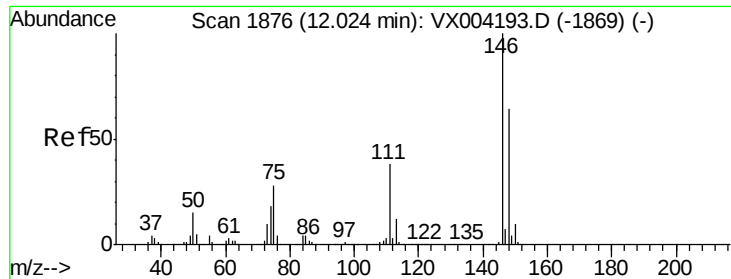
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 21.7 10.9 32.7





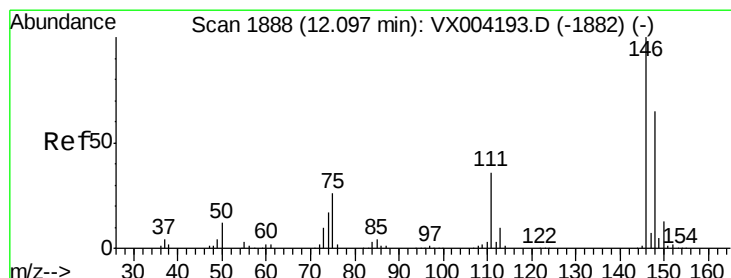
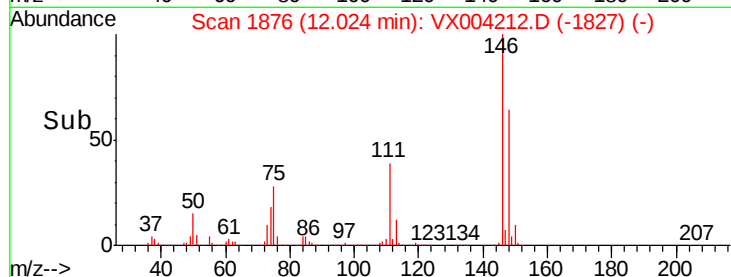
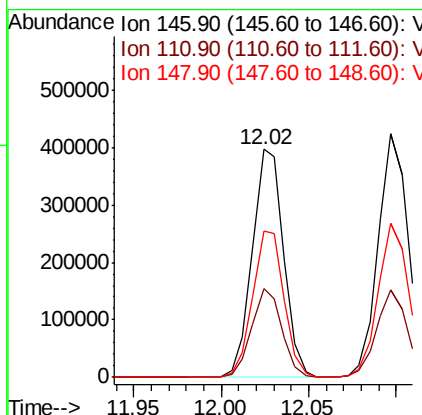
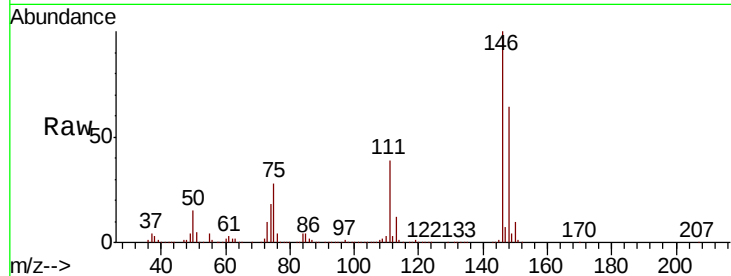
#87
 1,3-Dichlorobenzene
 Concen: 49.90 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.5	32.1	96.5

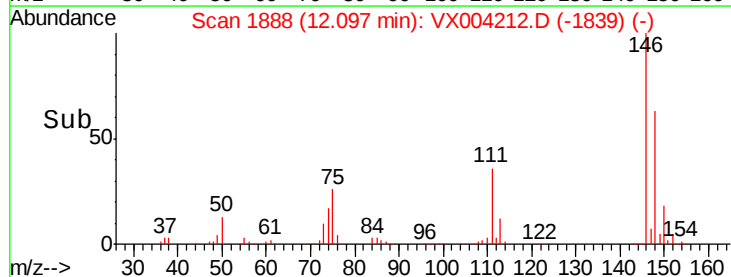
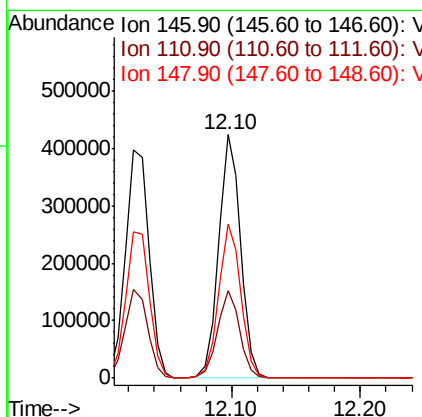
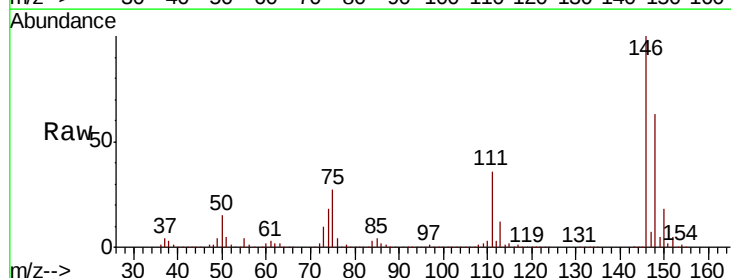
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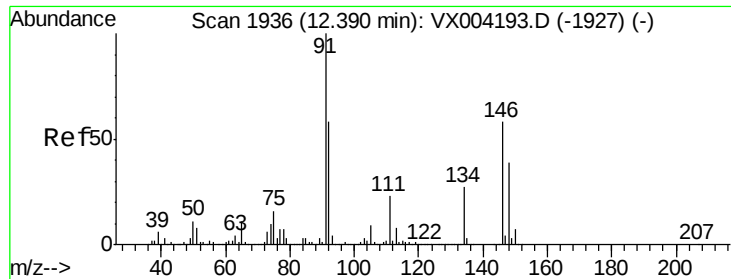
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#88
 1,4-Dichlorobenzene
 Concen: 48.37 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.1
148	64.0	32.0	96.0





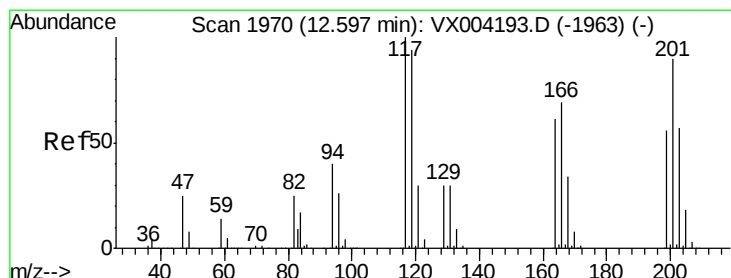
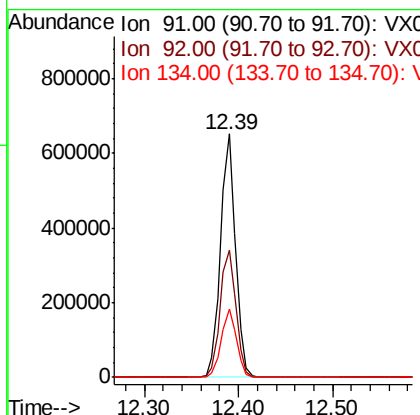
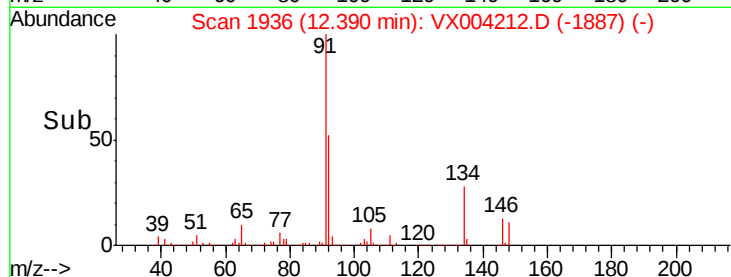
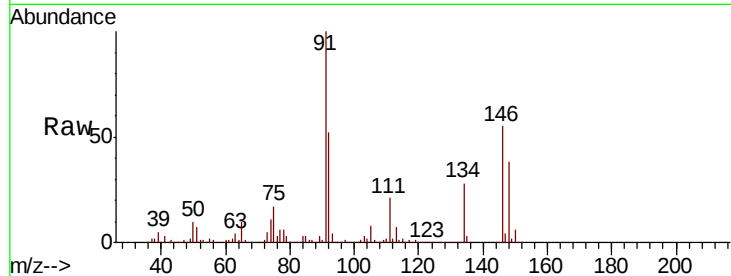
#89
n-Butylbenzene
Concen: 53.00 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.3	81.9
134	28.4	13.6	40.7

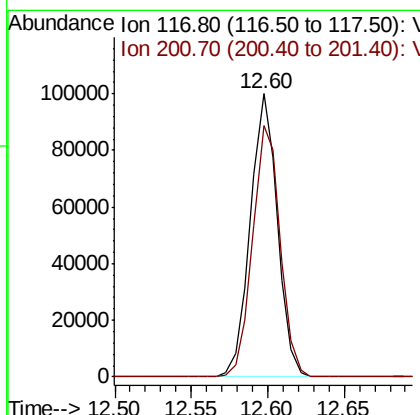
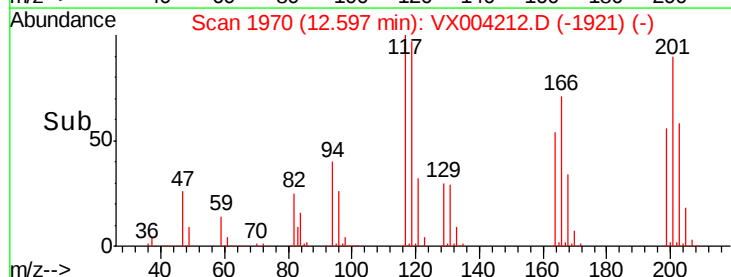
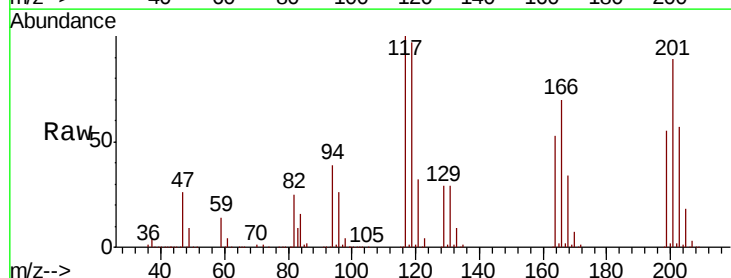
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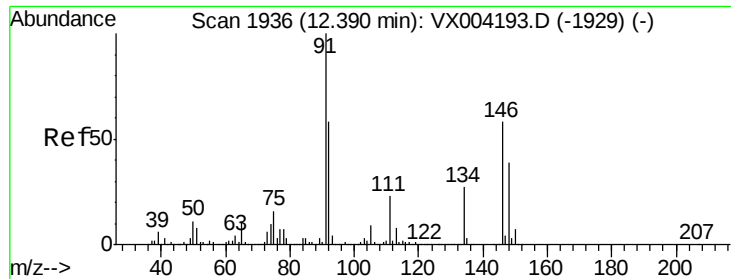
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#90
Hexachloroethane
Concen: 52.59 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	46.9	140.6





#91

1,2-Dichlorobenzene

Concen: 51.84 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA_X

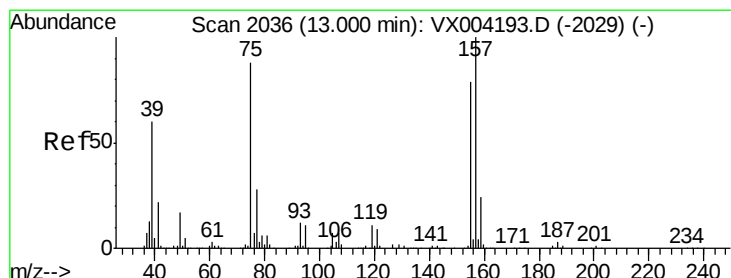
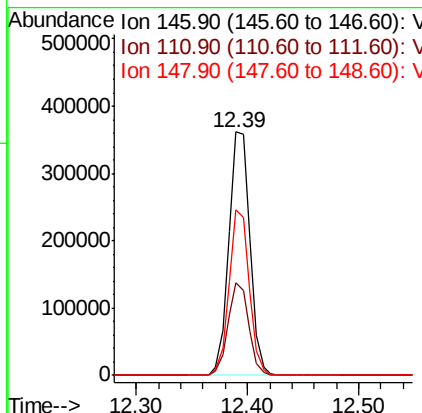
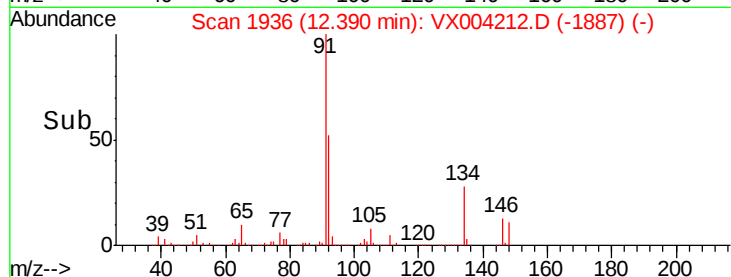
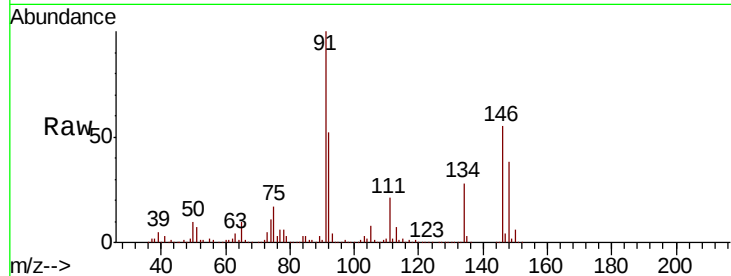
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	472441
Ion Ratio	Lower	Upper	
146	100		
111	37.3	19.4	58.1
148	64.9	32.8	98.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.26 ug/l

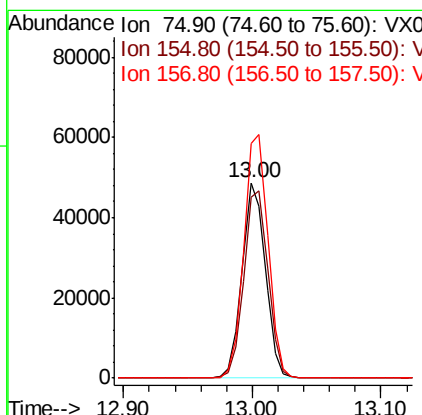
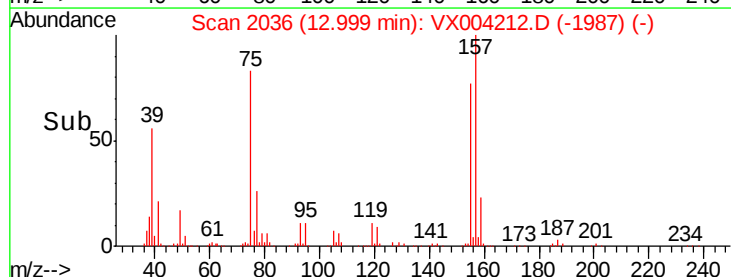
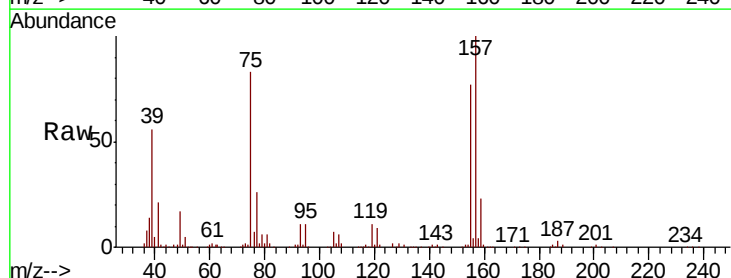
RT: 13.00 min Scan# 2036

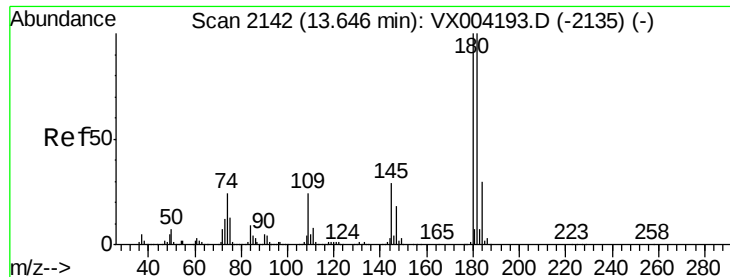
Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Tgt Ion:	75	Resp:	60810
Ion Ratio	Lower	Upper	
75	100		
155	99.0	48.0	144.2
157	128.0	61.4	184.1





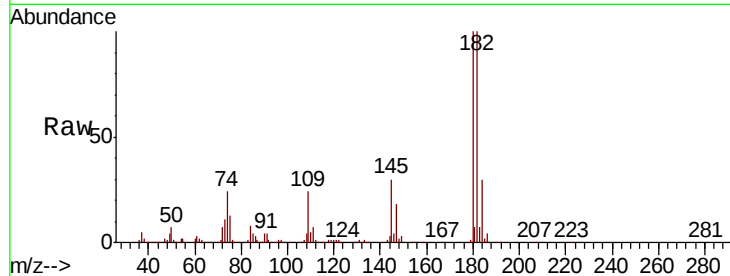
#93
 1,2,4-Trichlorobenzene
 Concen: 52.04 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

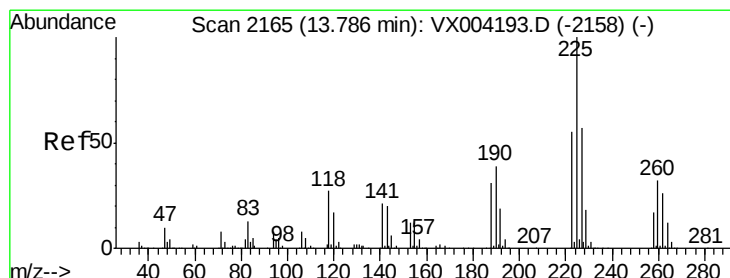
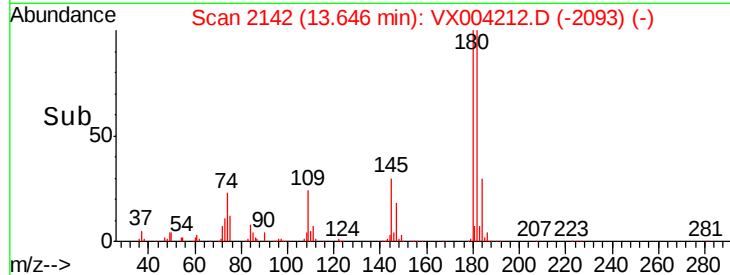
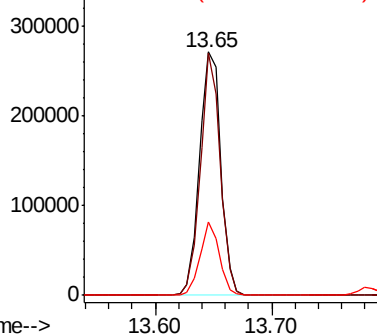
Tot Ion	Ratio	Resp	Lower	Upper
180	100	345079		
182	92.2	48.4	145.0	
145	27.4	14.3	42.9	

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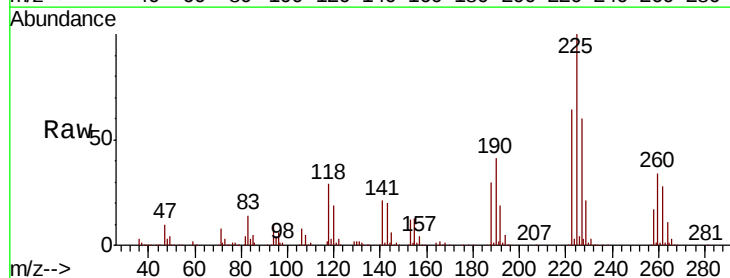


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

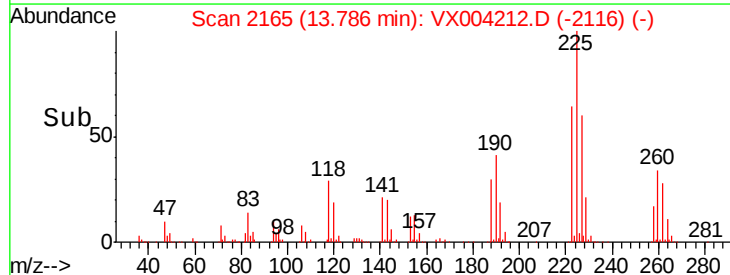
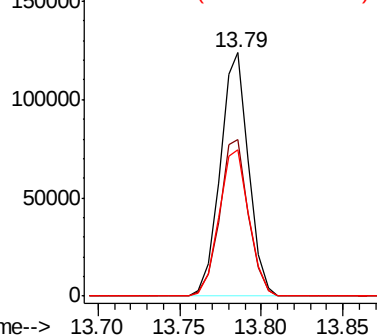


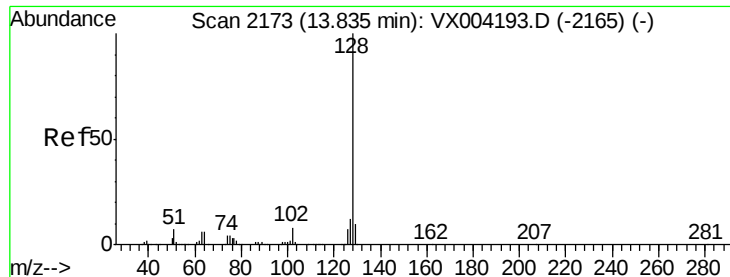
#94
 Hexachlorobutadiene
 Concen: 48.43 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004212.D
 Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	149391		
223	65.3	30.1	90.5	
227	63.5	30.8	92.4	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





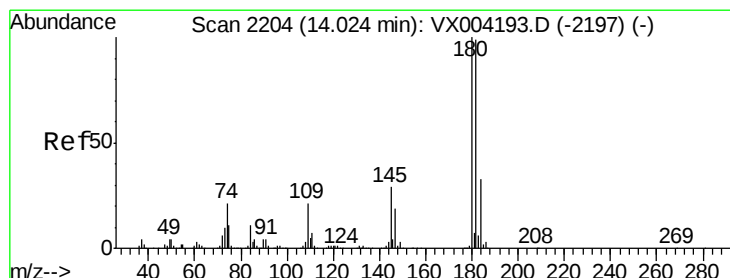
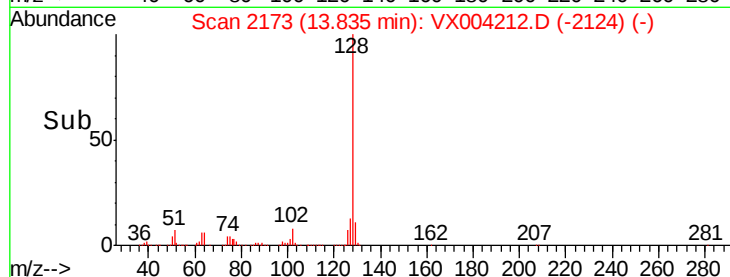
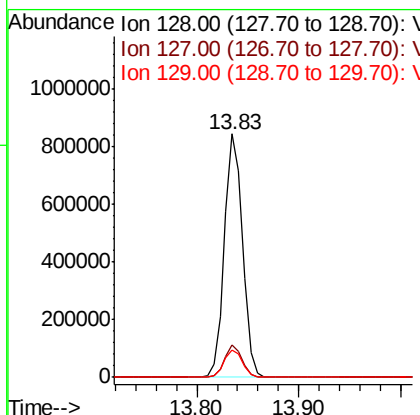
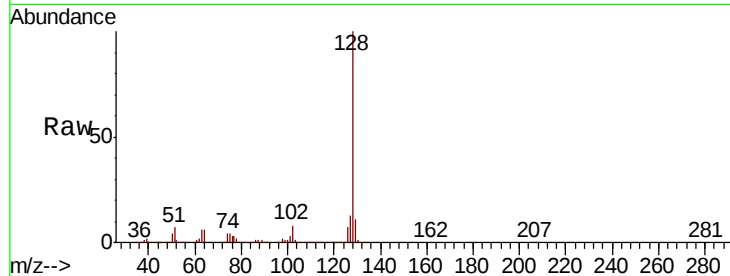
#95
Naphthalene
Concen: 55.53 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
8/23/2018 9:40:51 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.52 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004212.D
Acq: 22 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.5	145.6
145	29.5	14.9	44.9

