

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006288.D
 Acq On : 04 Dec 2018 19:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 10:12:11 AM

Quant Time: Dec 05 01:21:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	737851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1092968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	953339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	478882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	375070	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	5.50	113	364765	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	8.71	98	1262687	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	462819	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	365786	50.631	ug/l	100
3) Chloromethane	1.33	50	324737	43.740	ug/l	97
4) Vinyl Chloride	1.41	62	369511	46.245	ug/l	98
5) Bromomethane	1.64	94	240196	43.375	ug/l	99
6) Chloroethane	1.72	64	244084	49.821	ug/l	99
7) Trichlorofluoromethane	1.93	101	591154	48.197	ug/l	99
8) Diethyl Ether	2.19	74	221666	47.752	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	336722	48.280	ug/l	100
10) Methyl Iodide	2.51	142	363077	34.544	ug/l	100
11) Tert butyl alcohol	3.07	59	442577	214.853	ug/l	100
12) 1,1-Dichloroethene	2.37	96	316614	47.422	ug/l	97
13) Acrolein	2.30	56	234728	208.486	ug/l	99
14) Allyl chloride	2.73	41	593025	44.964	ug/l	98
15) Acrylonitrile	3.15	53	975015	226.825	ug/l	99
16) Acetone	2.45	43	824135	233.146	ug/l	98
17) Carbon Disulfide	2.57	76	908363	44.153	ug/l	99
18) Methyl Acetate	2.78	43	565645	47.850	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1139479	47.841	ug/l	100
20) Methylene Chloride	2.86	84	342632	45.545	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	333308	46.846	ug/l	97
22) Diisopropyl ether	3.87	45	1009387	48.998	ug/l	98
23) Vinyl Acetate	3.82	43	4247812	241.760	ug/l	100
24) 1,1-Dichloroethane	3.70	63	574418	48.784	ug/l	99
25) 2-Butanone	4.70	43	1184117	234.771	ug/l	99
26) 2,2-Dichloropropane	4.59	77	492198	45.294	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	396450	49.954	ug/l	98
28) Bromochloromethane	5.02	49	257563	50.079	ug/l	97
29) Tetrahydrofuran	5.15	42	805689	229.844	ug/l	98
30) Chloroform	5.21	83	606972	49.053	ug/l	97
31) Cyclohexane	5.58	56	515406	47.365	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	573643	48.725	ug/l	100
36) 1,1-Dichloropropene	5.80	75	444518	48.297	ug/l	99
37) Ethyl Acetate	4.85	43	476111	46.192	ug/l	98
38) Carbon Tetrachloride	5.78	117	526724	48.646	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	574630	48.098	ug/l	97
40) Benzene	6.14	78	1352148	49.050	ug/l	100
41) Methacrylonitrile	5.06	41	258922	45.653	ug/l	98
42) 1,2-Dichloroethane	6.20	62	446090	49.445	ug/l	100
43) Isopropyl Acetate	6.46	43	782256	45.520	ug/l	100
44) Trichloroethene	7.21	130	407970	48.852	ug/l	97
45) 1,2-Dichloropropane	7.52	63	341706	48.773	ug/l	99
46) Dibromomethane	7.66	93	247016	48.818	ug/l	99
47) Bromodichloromethane	7.90	83	478541	48.837	ug/l	100
48) Methyl methacrylate	7.77	41	381593	45.643	ug/l	97
49) 1,4-Dioxane	7.75	88	178457	866.076	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2254707	225.377	ug/l	99
52) Toluene	8.79	92	858001	47.309	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	522530	45.597	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	565739	47.543	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	355163	48.204	ug/l	99
56) Ethyl methacrylate	9.18	69	525413	45.615	ug/l	99
57) 1,3-Dichloropropane	9.37	76	566939	48.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1390488	237.895	ug/l	100
59) 2-Hexanone	9.49	43	1671462	218.686	ug/l	99
60) Dibromochloromethane	9.59	129	425690	46.855	ug/l	100
61) 1,2-Dibromoethane	9.67	107	391172	47.482	ug/l	99
64) Tetrachloroethene	9.34	164	353405	49.224	ug/l	99
65) Chlorobenzene	10.14	112	1002688	49.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	389304	49.512	ug/l	99
67) Ethyl Benzene	10.25	91	1632924	48.514	ug/l	100
68) m/p-Xylenes	10.36	106	1297639	96.245	ug/l	100
69) o-Xylene	10.70	106	638521	47.945	ug/l	100
70) Styrene	10.71	104	1030135	47.825	ug/l	98
71) Bromoform	10.86	173	343238	46.243	ug/l	99
73) Isopropylbenzene	11.02	105	1691171	51.137	ug/l	100
74) N-amyl acetate	10.90	43	664349	46.650	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	520995	49.243	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	487753m	52.769	ug/l	
77) Bromobenzene	11.26	156	458240	49.929	ug/l	99
78) n-propylbenzene	11.36	91	1858832	50.564	ug/l	100
79) 2-Chlorotoluene	11.42	91	1088207	49.804	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1390338	50.528	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	179422	45.553	ug/l	93
82) 4-Chlorotoluene	11.51	91	1255051	49.404	ug/l	100
83) tert-Butylbenzene	11.77	119	1471221	50.112	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1441081	50.719	ug/l	100
85) sec-Butylbenzene	11.94	105	1709162	51.173	ug/l	100
86) p-Isopropyltoluene	12.07	119	1507610	50.128	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	814290	49.863	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	809780	48.855	ug/l	99
89) n-Butylbenzene	12.39	91	1283699	50.025	ug/l	100
90) Hexachloroethane	12.60	117	299634	48.883	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	801786	49.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	121904	44.948	ug/l	99

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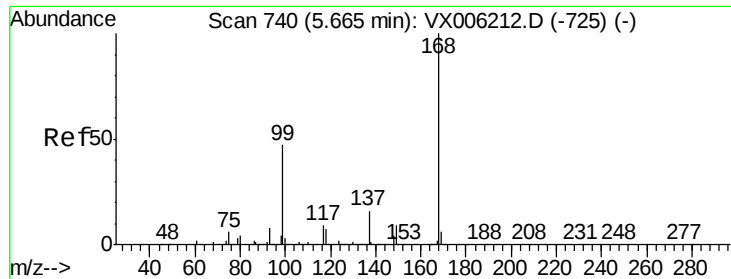
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	584840	49.461	ug/l	100
94) Hexachlorobutadiene	13.79	225	259904	49.702	ug/l	100
95) Naphthalene	13.83	128	1844862	50.157	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	584821	49.935	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 737851

Ion Ratio Lower Upper

168 100

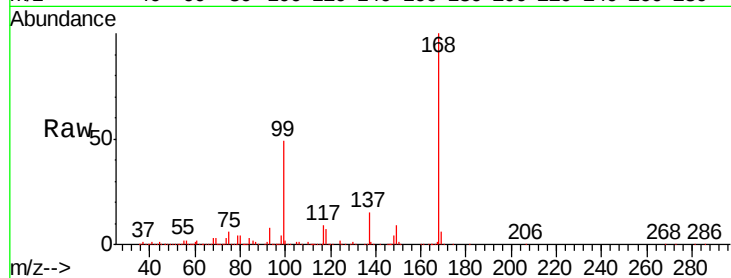
99 49.0 37.8 56.8

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

300000

250000

200000

150000

100000

50000

0

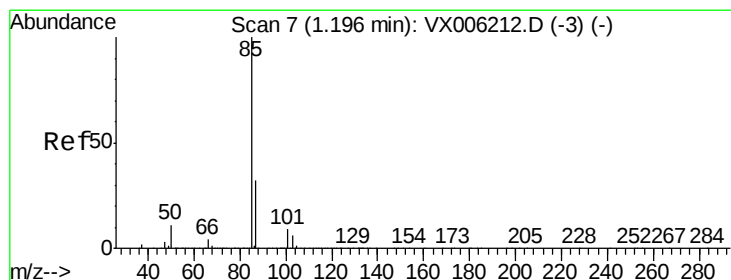
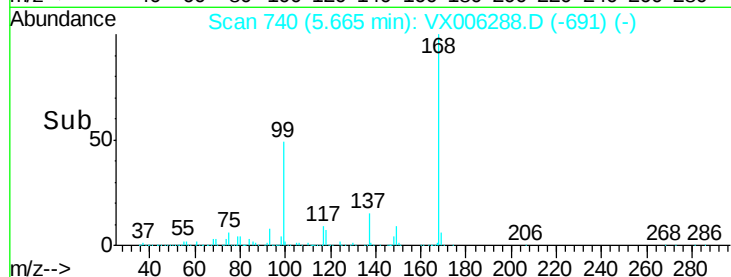
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.631 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006288.D

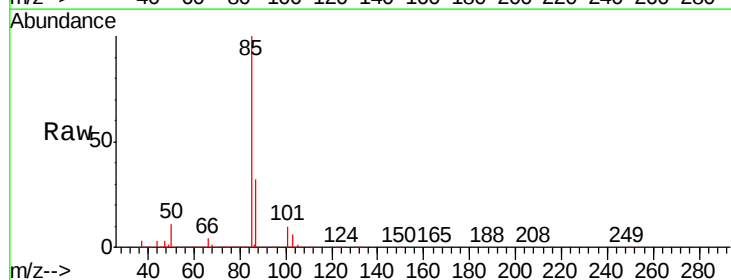
Acq: 04 Dec 2018 19:34

Tgt Ion: 85 Resp: 365786

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

200000

100000

0

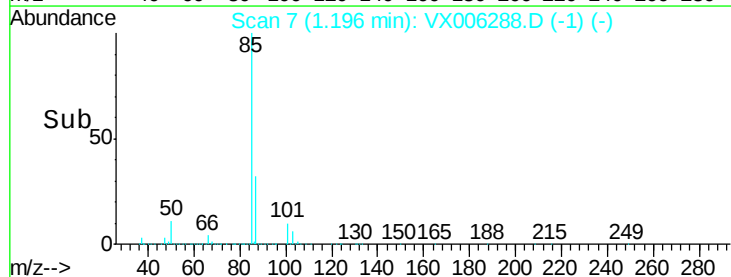
1.15

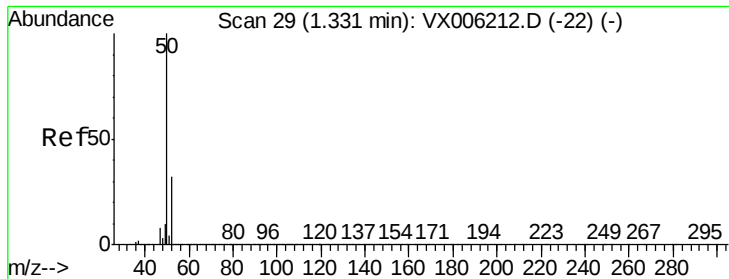
1.20

1.25

1.30

Time-->





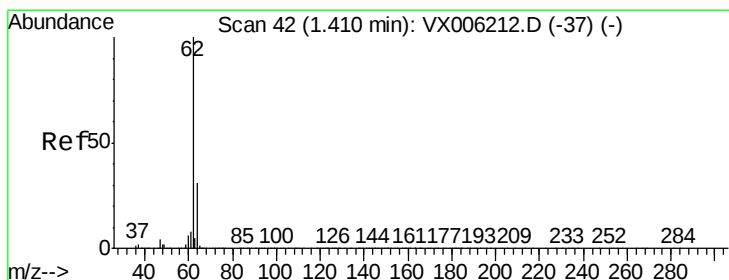
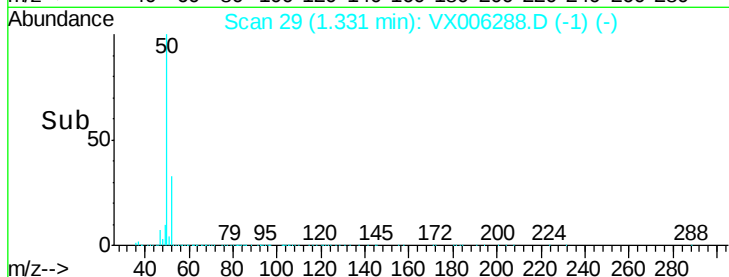
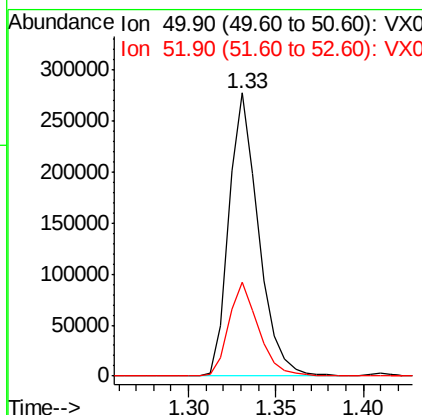
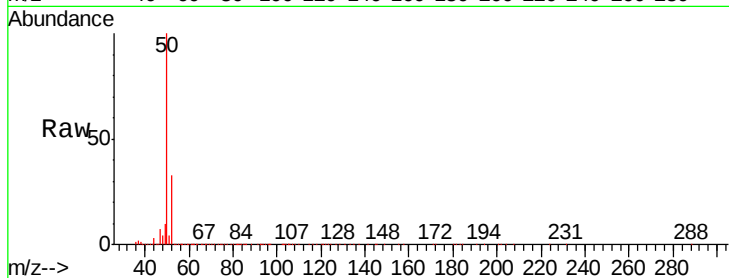
#3
Chloromethane
Concen: 43.740 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
50	100		
52	33.0	25.2	37.8

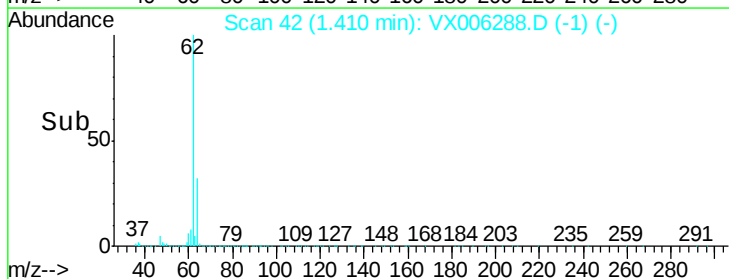
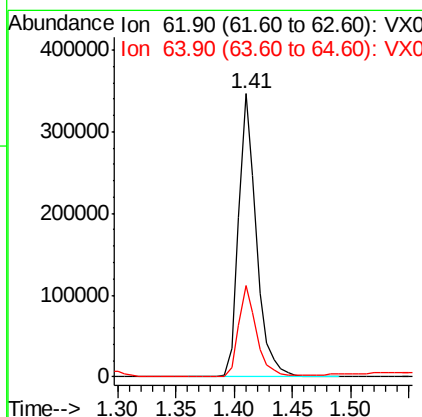
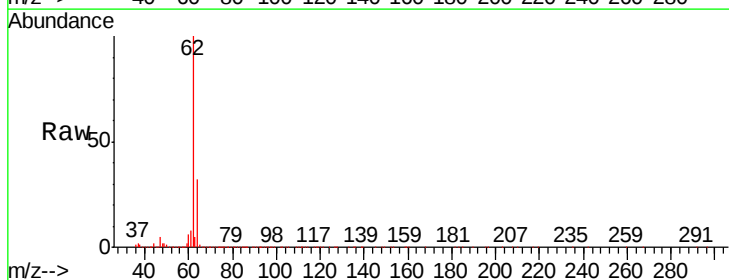
Manual Integrations
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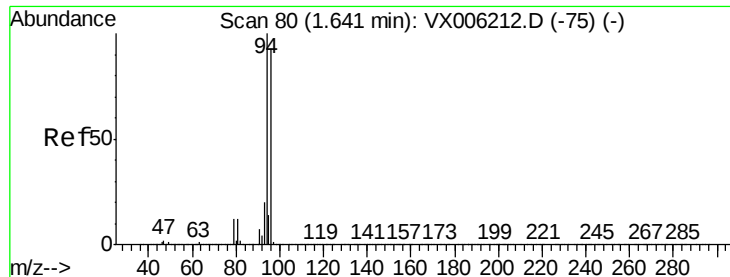
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#4
Vinyl Chloride
Concen: 46.245 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.9	37.3





#5

Bromomethane

Concen: 43.375 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 240196

Ion Ratio Lower Upper

94 100

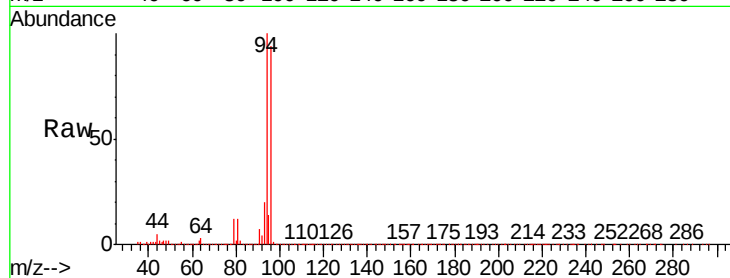
96 93.7 74.5 111.7

Manual Integrations

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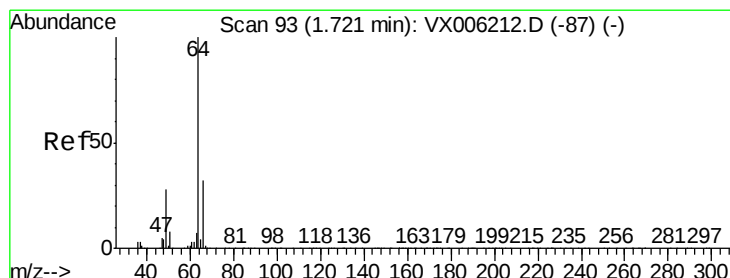
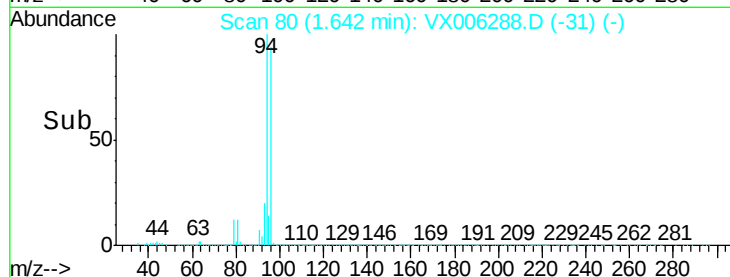
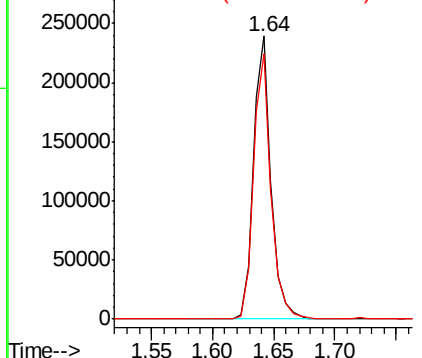
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.821 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006288.D

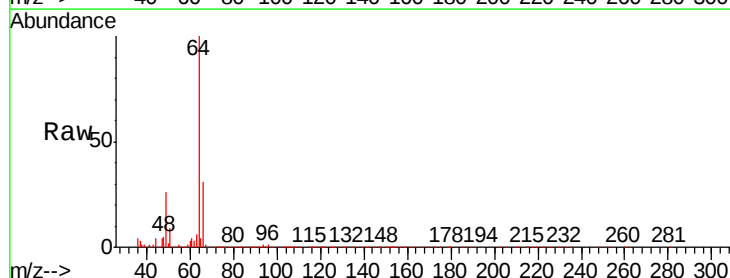
Acq: 04 Dec 2018 19:34

Tgt Ion: 64 Resp: 244084

Ion Ratio Lower Upper

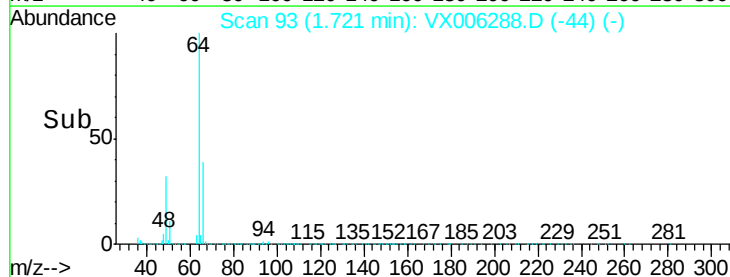
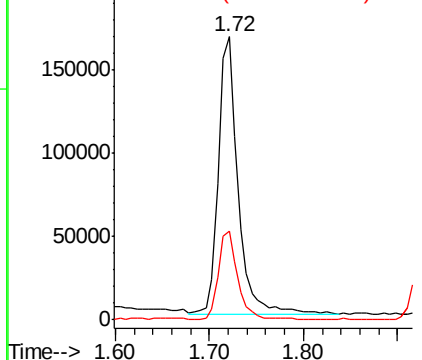
64 100

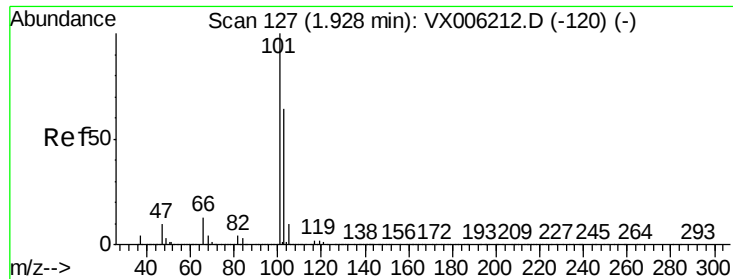
66 31.8 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

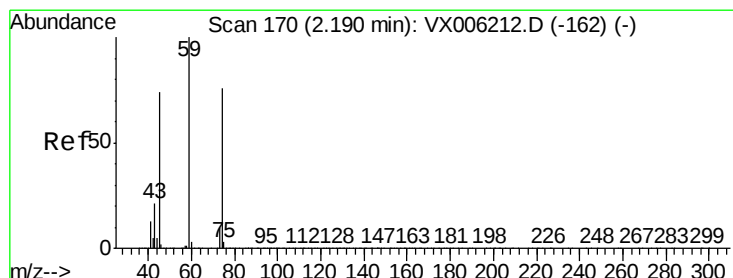
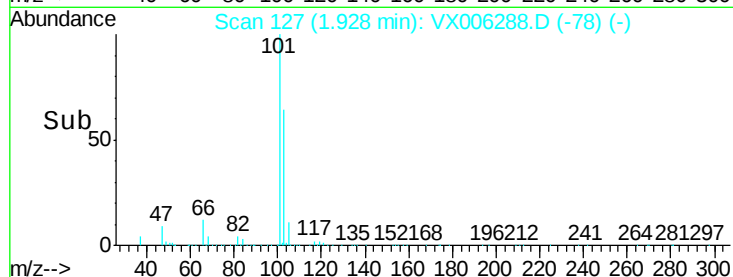
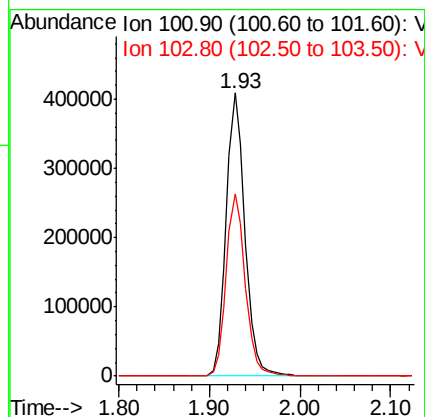
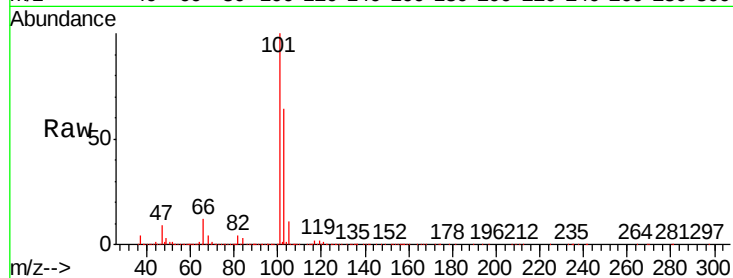
Trichlorofluoromethane
Concen: 48.197 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	591154		
103	64.3	51.0	76.4	

Manual Integrations
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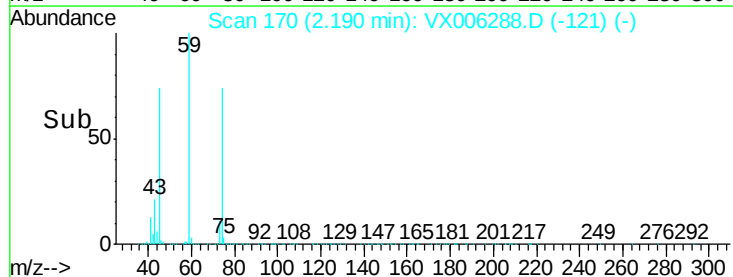
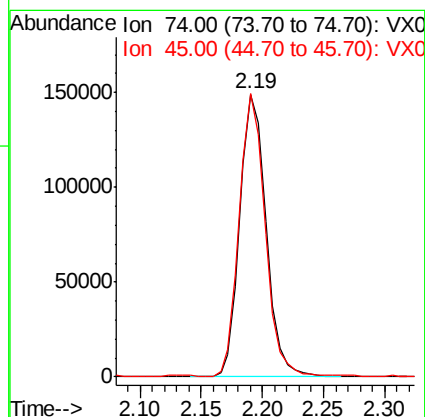
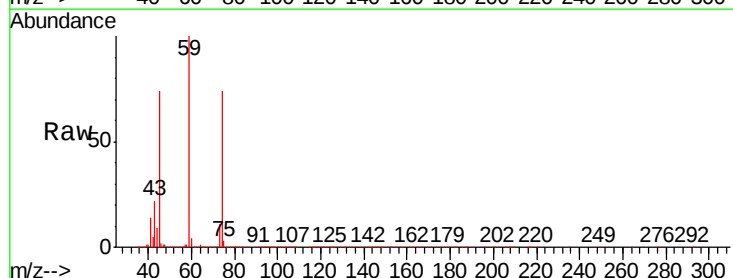
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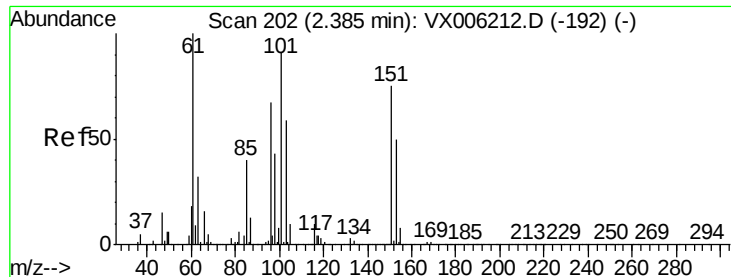


#8

Diethyl Ether
Concen: 47.752 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	221666		
45	98.4	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.280 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

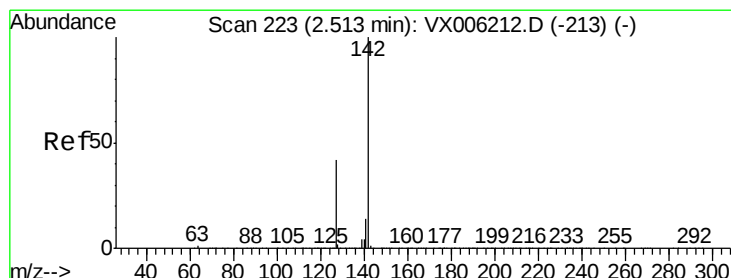
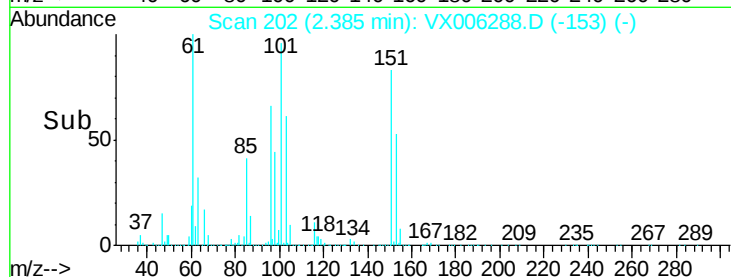
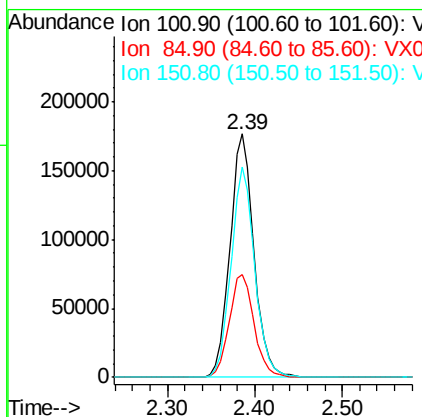
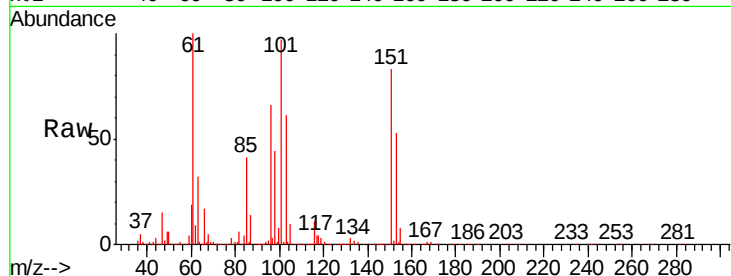
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	336722
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.5	53.3
151	85.9	68.6	103.0

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#10

Methyl Iodide

Concen: 34.544 ug/l

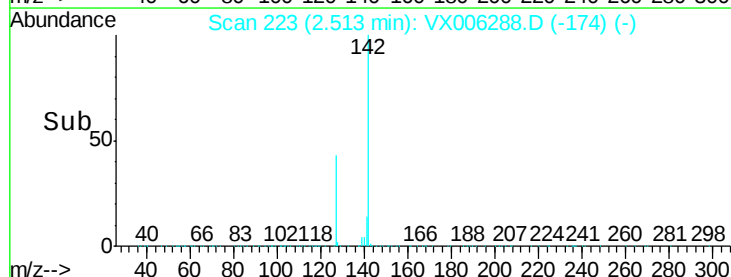
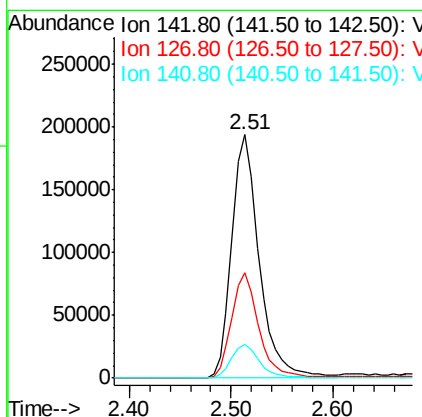
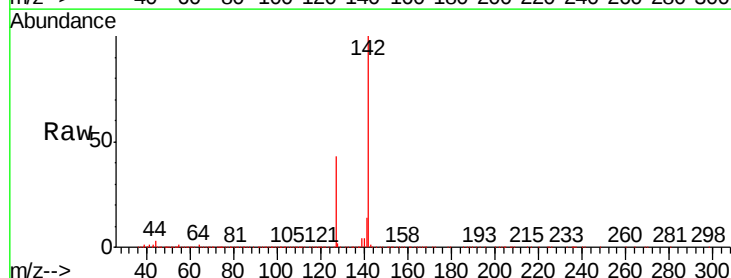
RT: 2.51 min Scan# 223

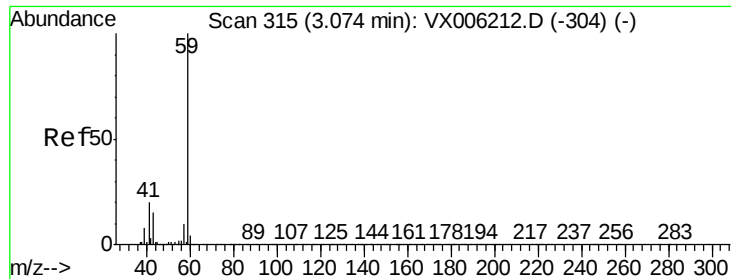
Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion:	142	Resp:	363077
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.8	52.2
141	14.1	11.4	17.2





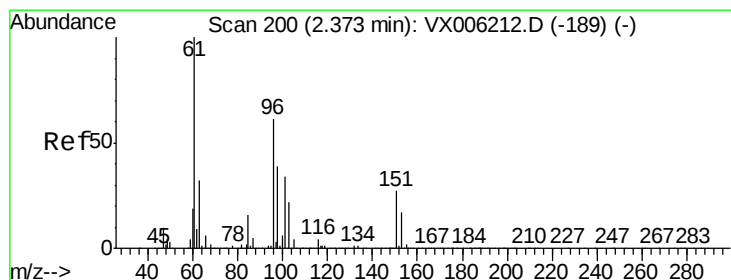
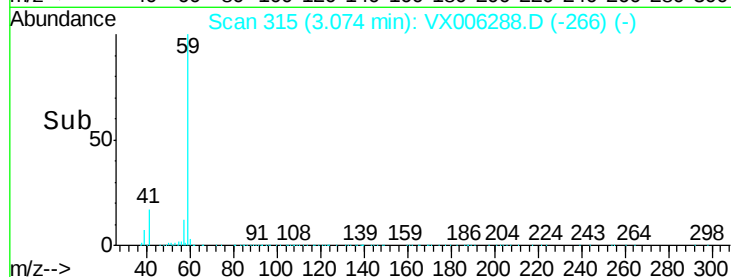
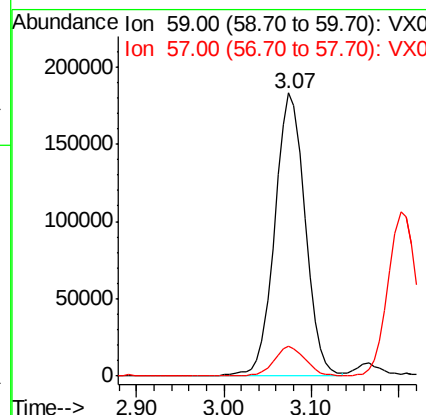
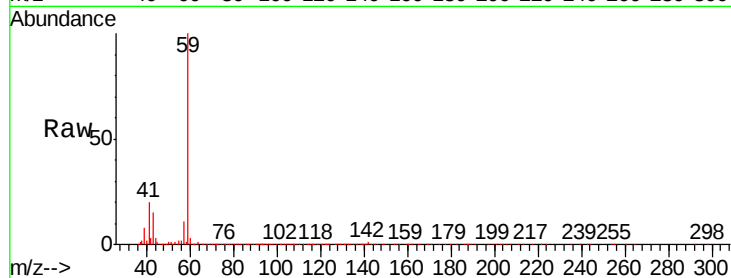
#11
Tert butyl alcohol
Concen: 214.853 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 442577
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

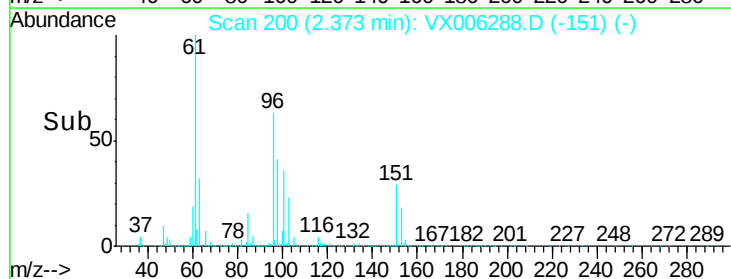
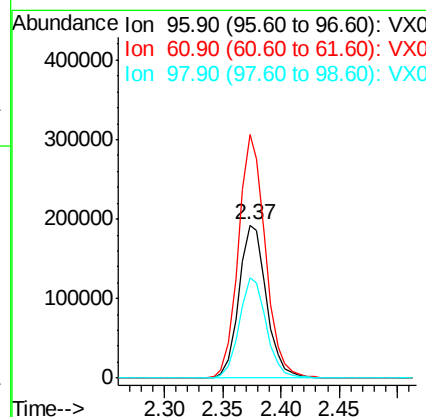
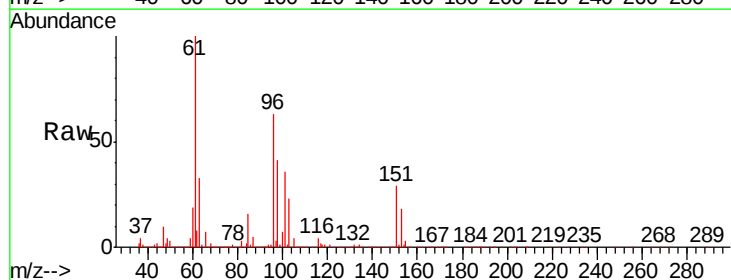
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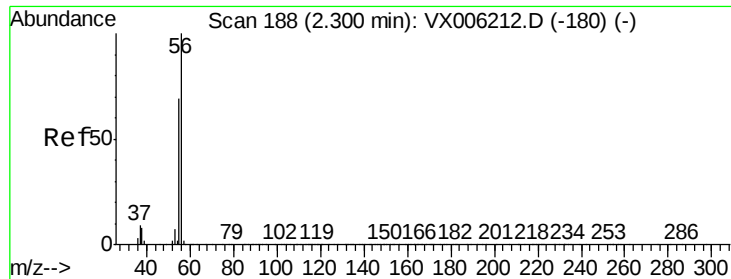
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#12
1,1-Dichloroethene
Concen: 47.422 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 96 Resp: 316614
Ion Ratio Lower Upper
96 100
61 159.2 131.7 197.5
98 65.2 51.8 77.6





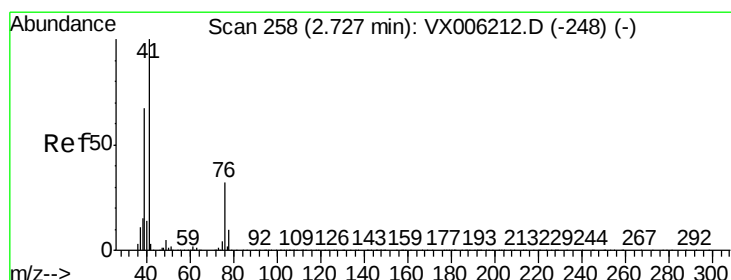
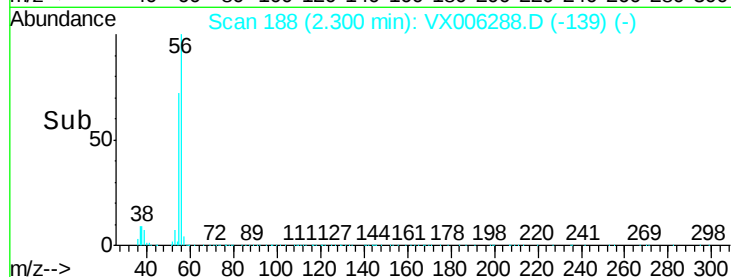
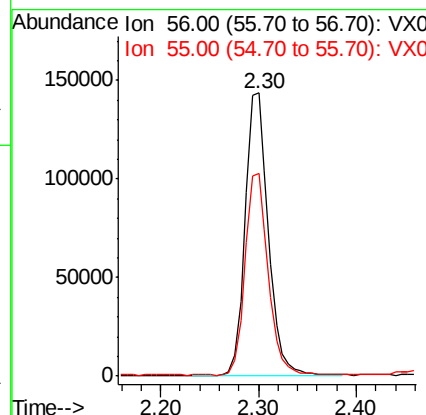
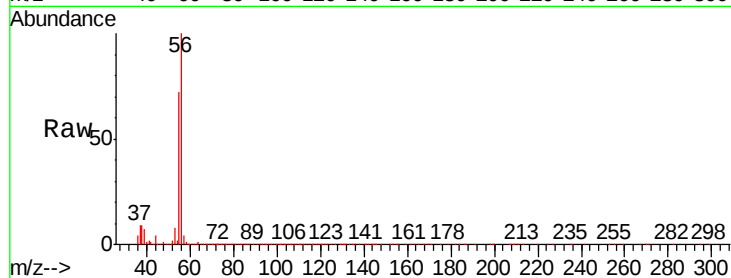
#13
Acrolein
Concen: 208.486 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	71.2	57.8	86.6

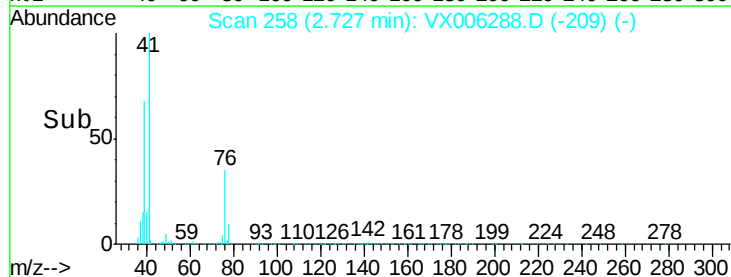
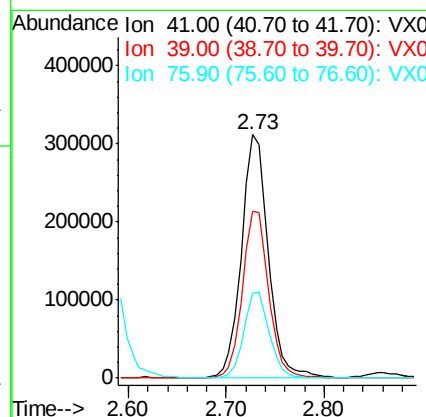
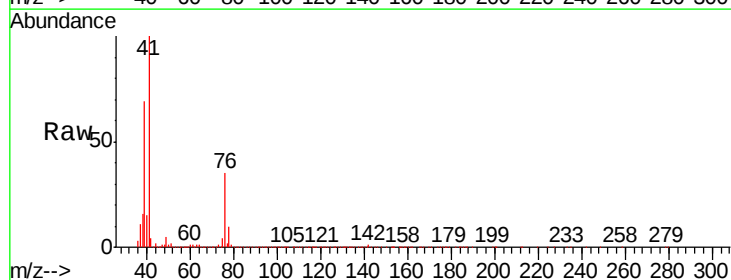
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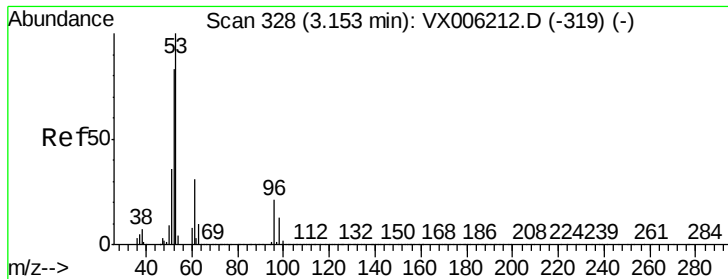
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#14
Allyl chloride
Concen: 44.964 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.7	52.4	78.6
76	33.5	25.4	38.0





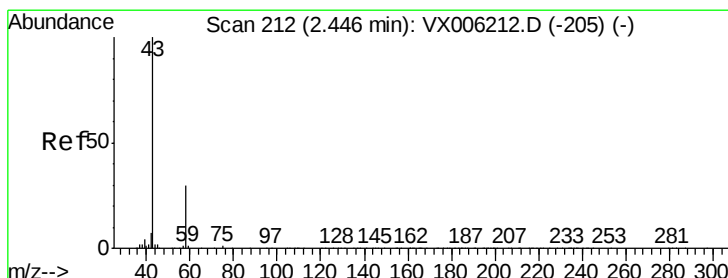
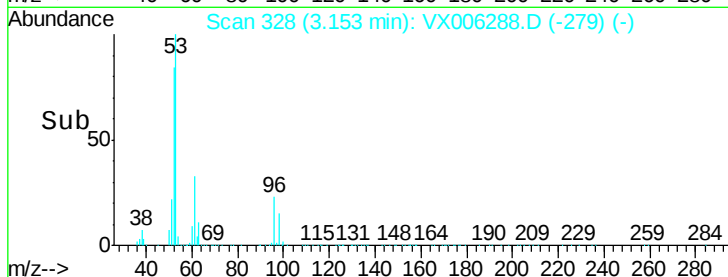
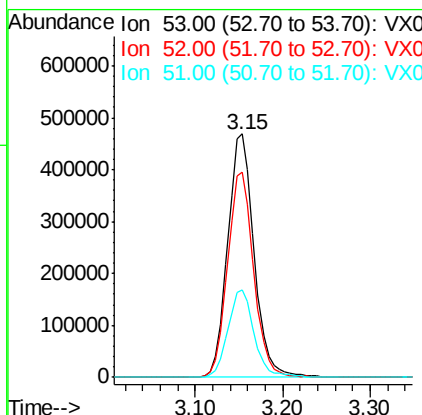
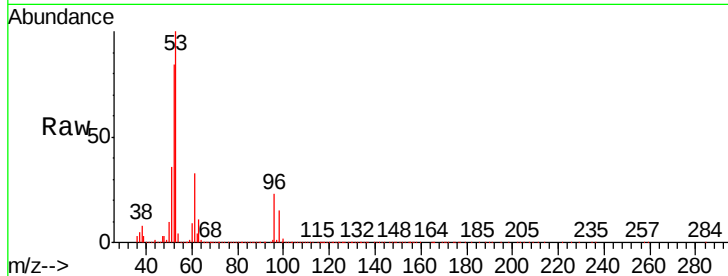
#15
Acrylonitrile
Concen: 226.825 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.2	99.4
51	36.1	28.7	43.1

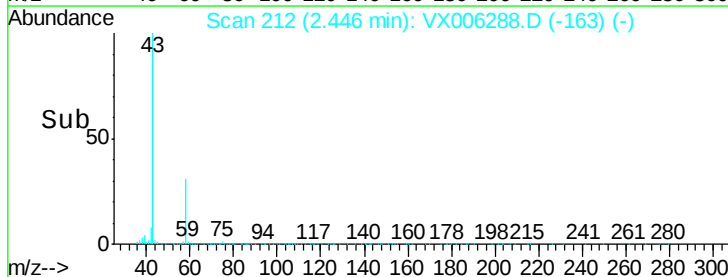
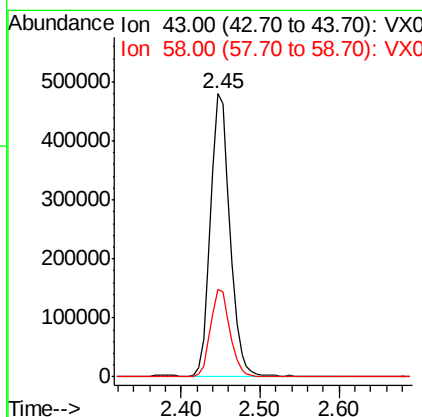
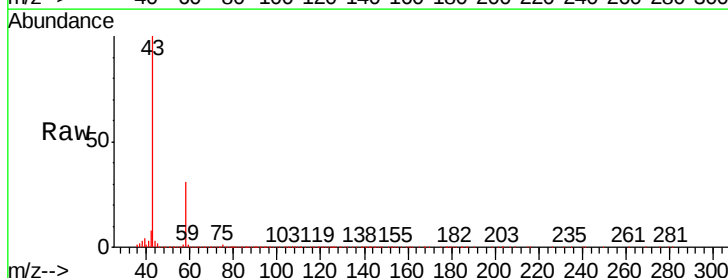
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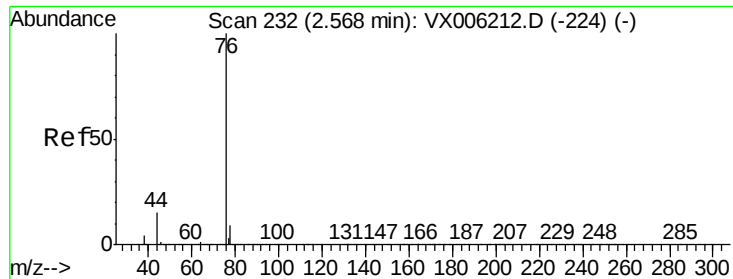
MMDadoda
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#16
Acetone
Concen: 233.146 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.0	36.0





#17

Carbon Disulfide

Concen: 44.153 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 908363

Ion Ratio Lower Upper

76 100

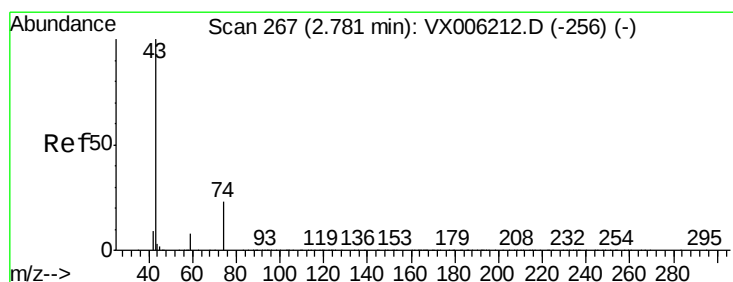
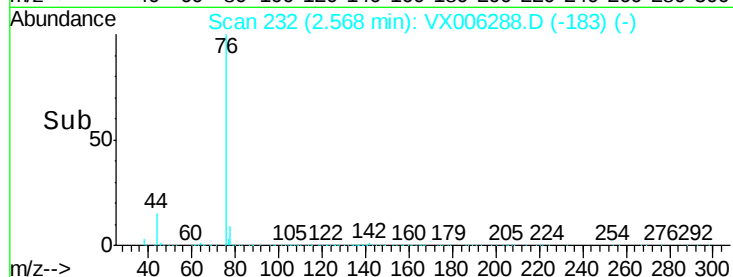
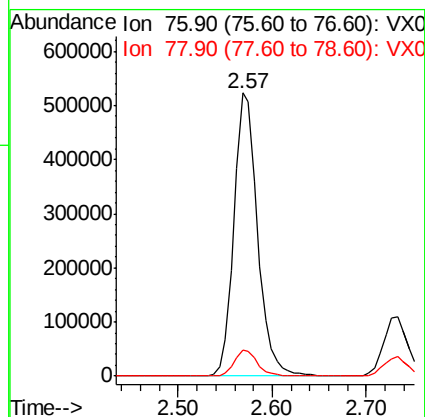
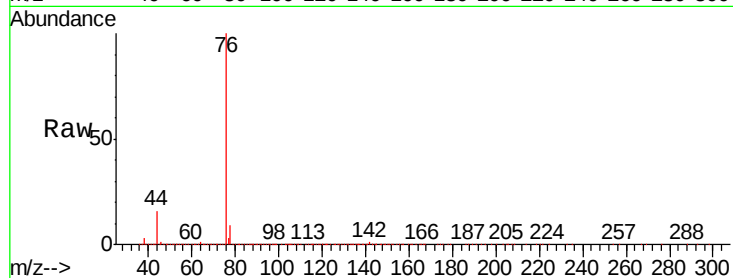
78 9.2 7.1 10.7

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#18

Methyl Acetate

Concen: 47.850 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006288.D

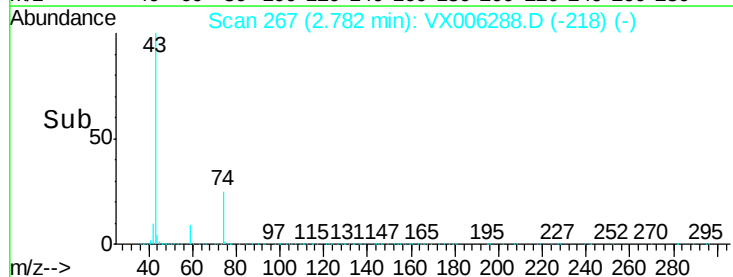
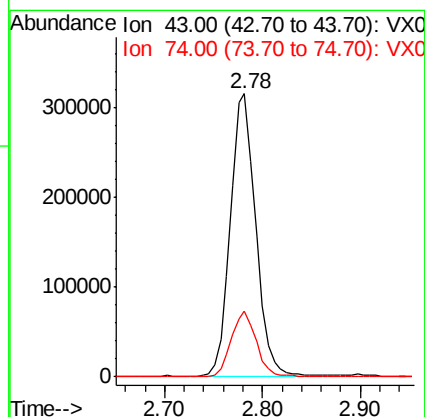
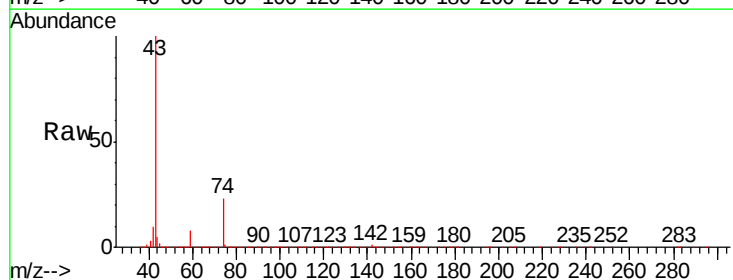
Acq: 04 Dec 2018 19:34

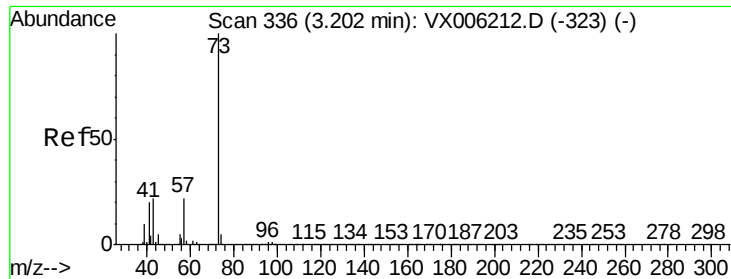
Tgt Ion: 43 Resp: 565645

Ion Ratio Lower Upper

43 100

74 22.6 17.9 26.9





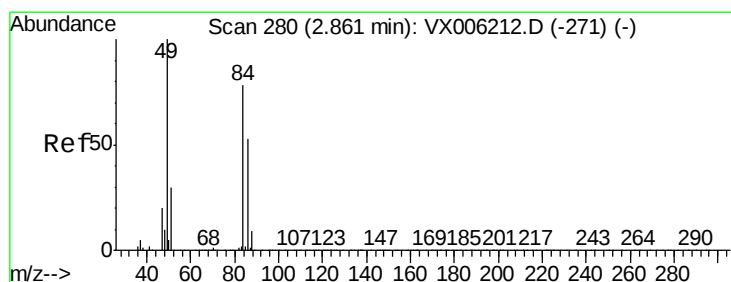
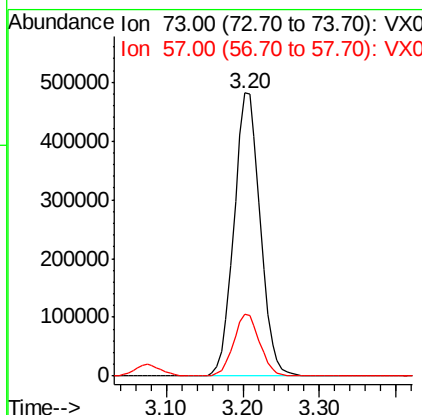
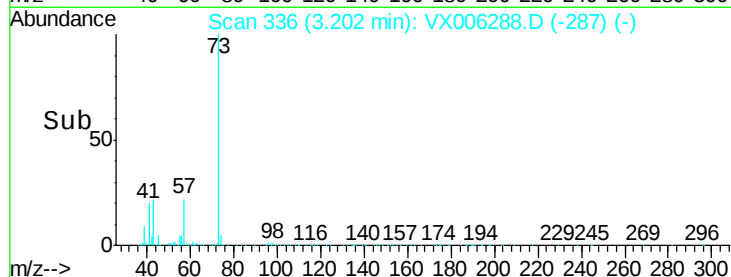
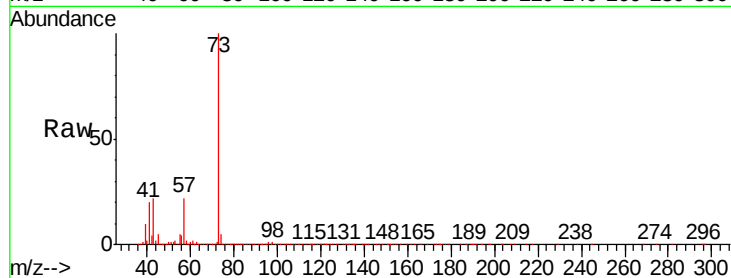
#19
Methyl tert-butyl Ether
Concen: 47.841 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 1139479
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3

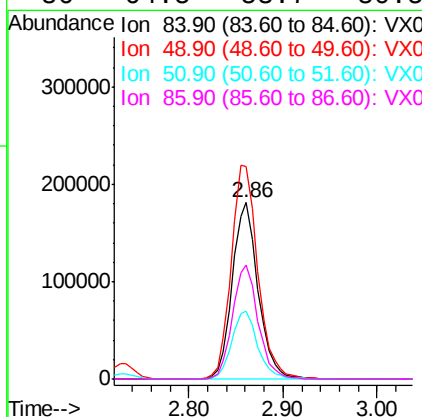
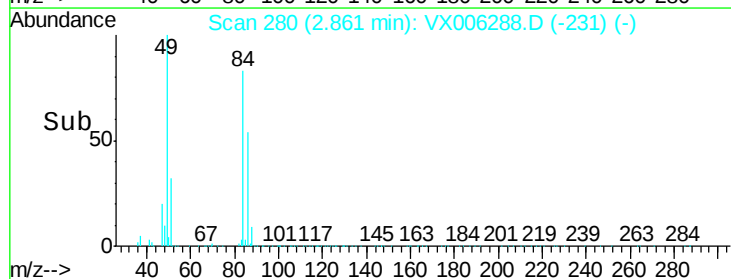
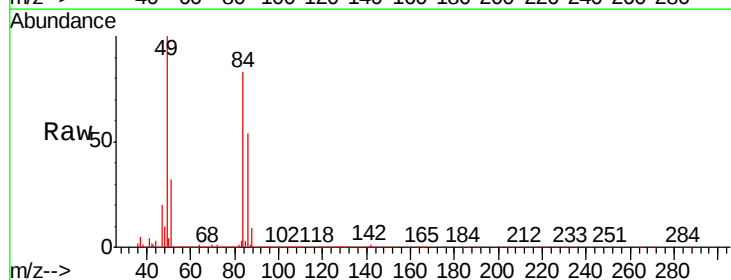
Manual Integrations
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#20
Methylene Chloride
Concen: 45.545 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 84 Resp: 342632
Ion Ratio Lower Upper
84 100
49 120.3 102.2 153.4
51 38.5 31.1 46.7
86 64.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 46.846 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 333308

Ion Ratio Lower Upper

96 100

61 138.2 113.3 169.9

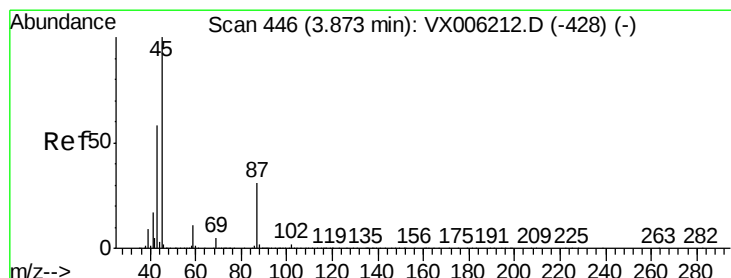
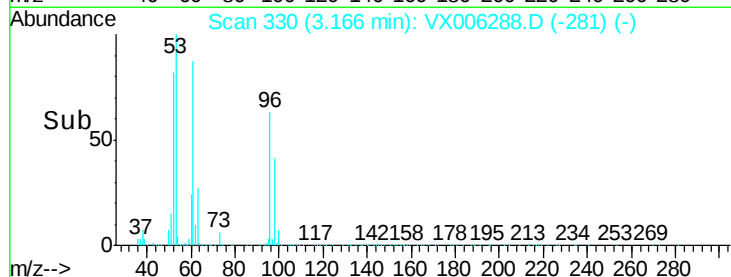
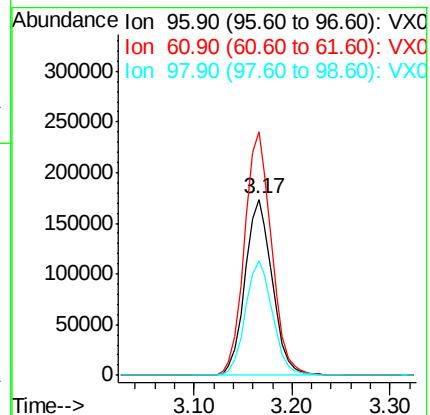
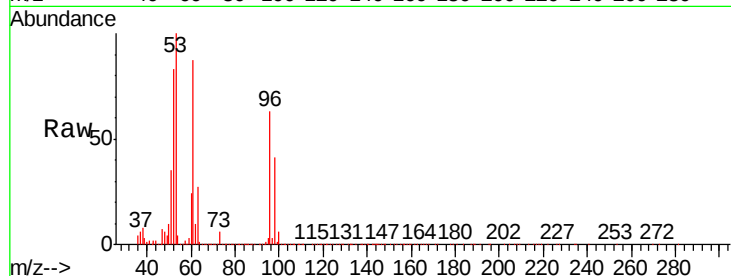
98 64.9 53.2 79.8

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#22

Diisopropyl ether

Concen: 48.998 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion: 45 Resp: 1009387

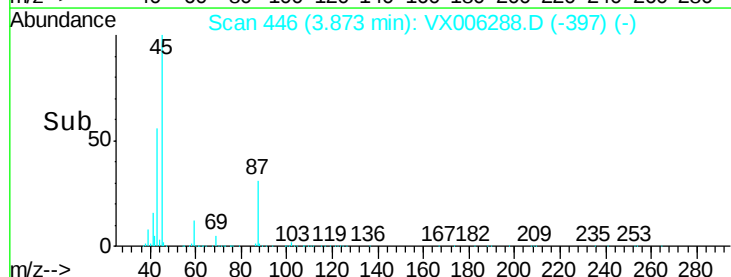
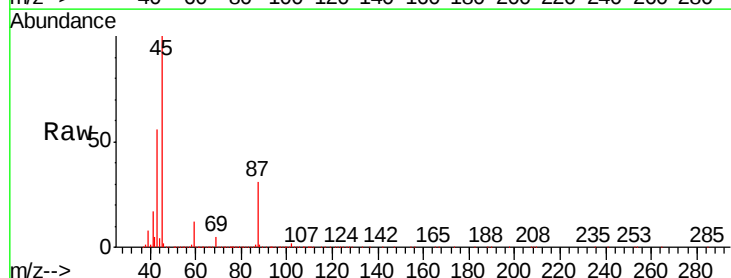
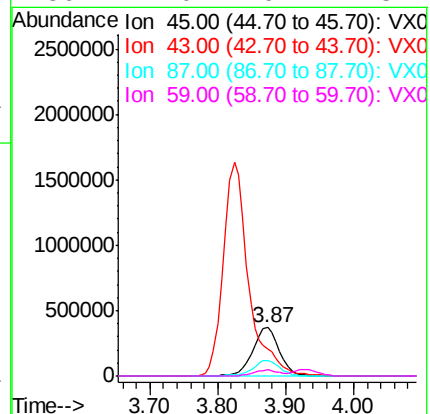
Ion Ratio Lower Upper

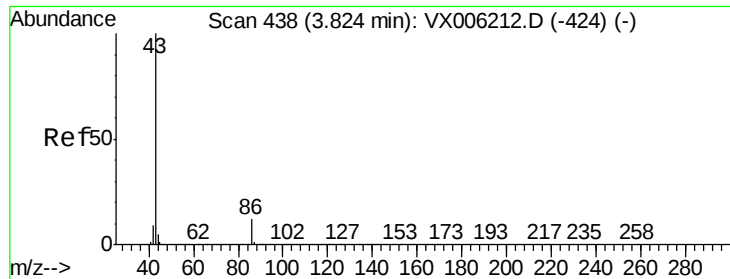
45 100

43 56.1 46.2 69.2

87 31.3 24.9 37.3

59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 241.760 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 4247812

Ion Ratio Lower Upper

43 100

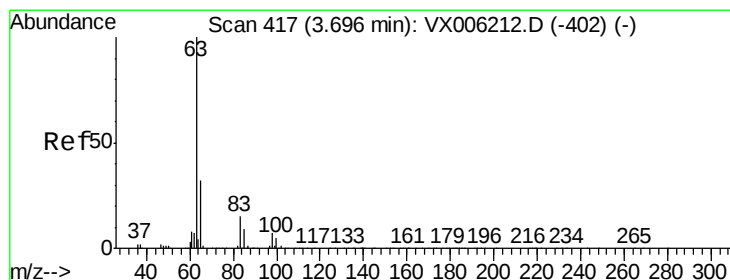
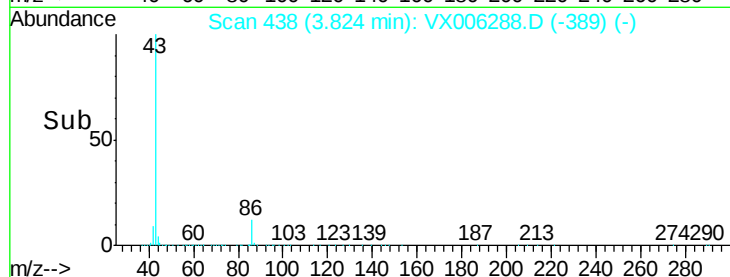
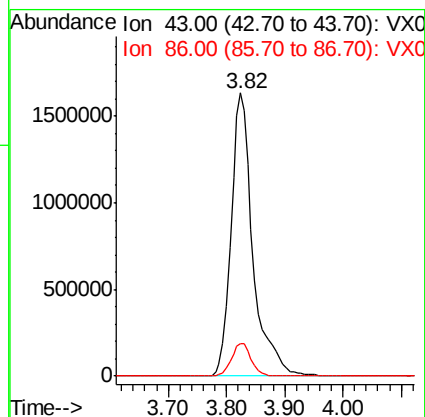
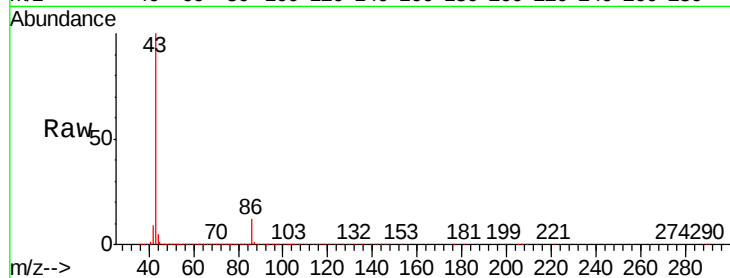
86 11.7 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 48.784 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

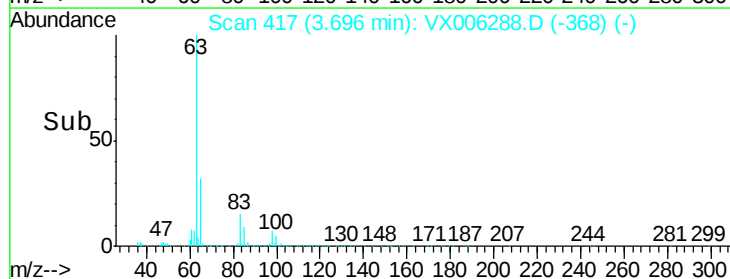
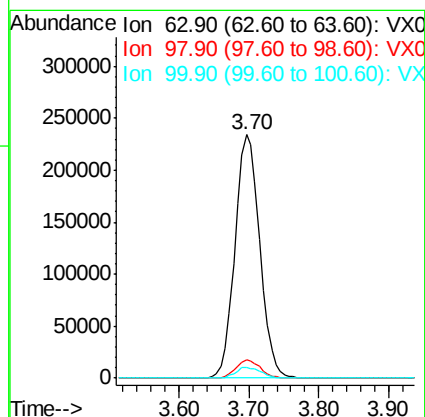
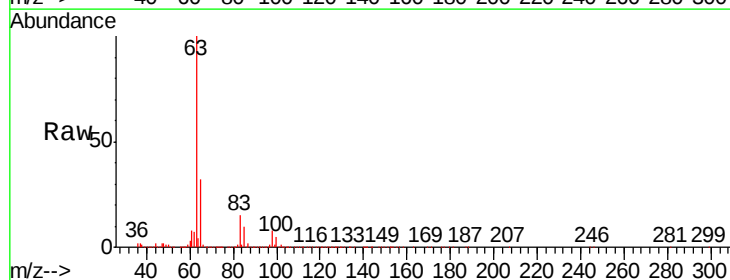
Tgt Ion: 63 Resp: 574418

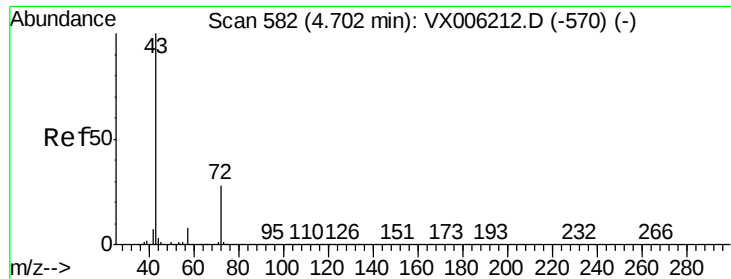
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.5 2.5 7.4





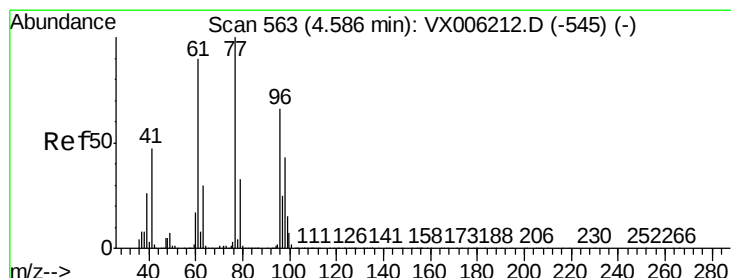
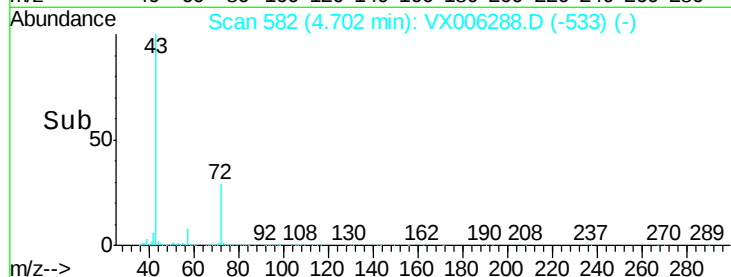
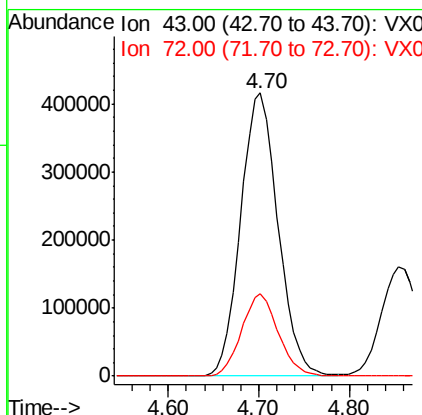
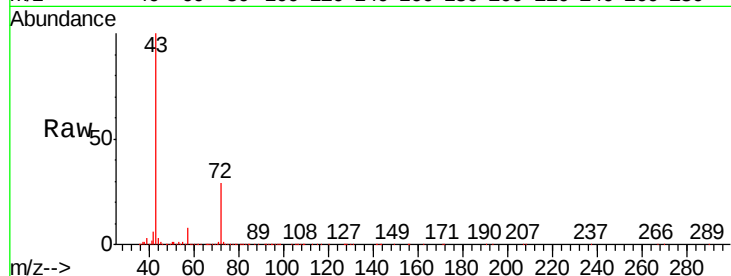
#25
2-Butanone
Concen: 234.771 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1184117
Ion Ratio Lower Upper
43 100
72 29.0 22.6 33.8

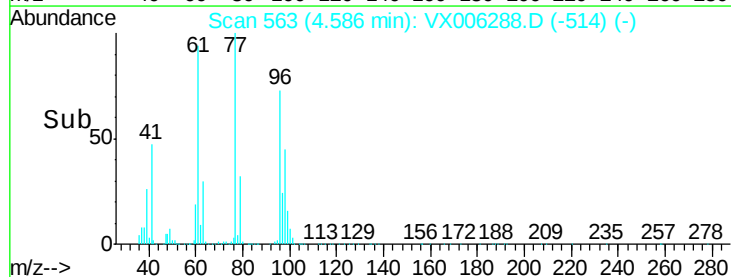
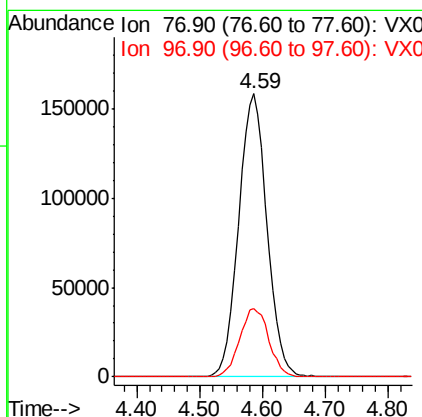
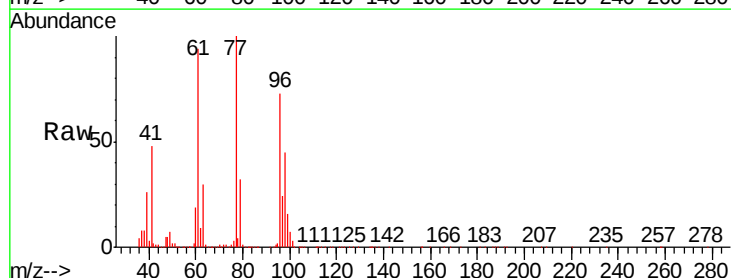
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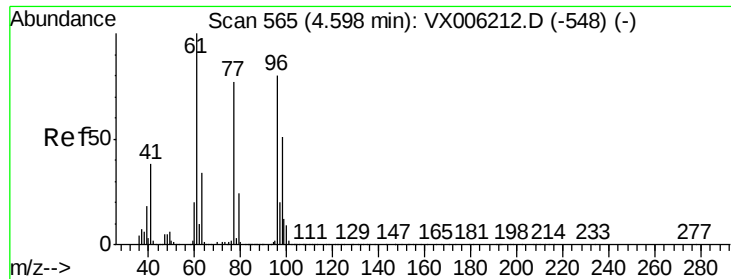
MMDadoda
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#26
2,2-Dichloropropane
Concen: 45.294 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 77 Resp: 492198
Ion Ratio Lower Upper
77 100
97 25.1 12.3 36.8





#27

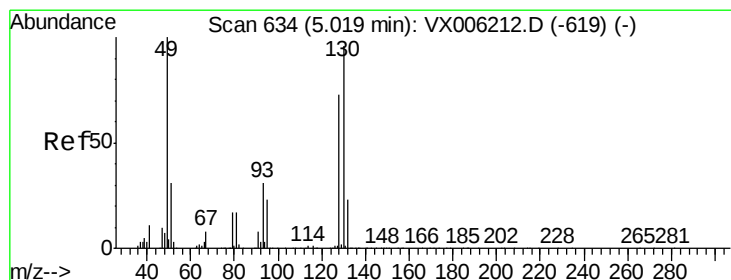
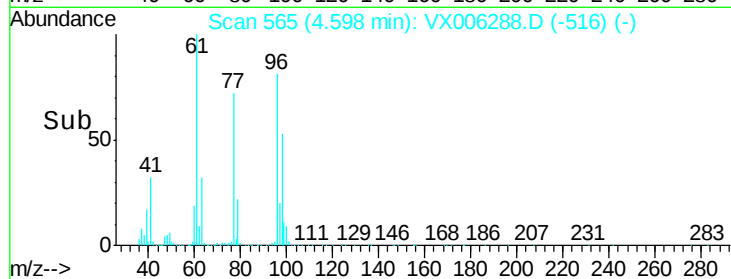
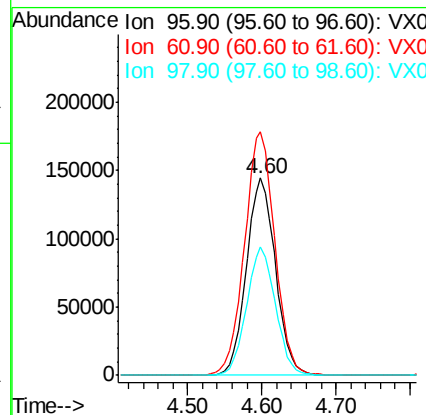
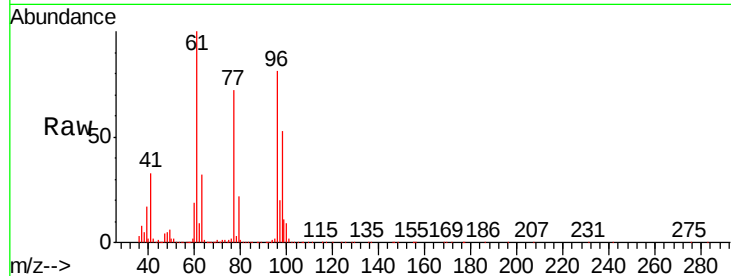
cis-1,2-Dichloroethene
 Concen: 49.954 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	396450		
61	129.0	0.0	265.0	
98	64.8	0.0	130.2	

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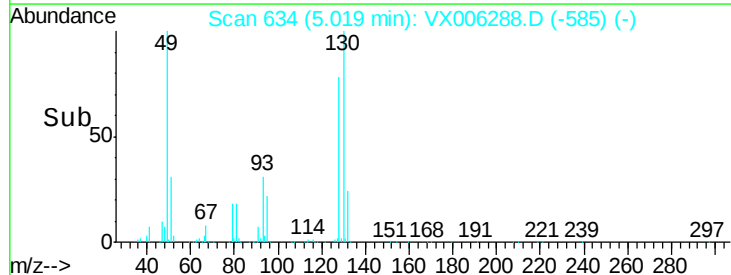
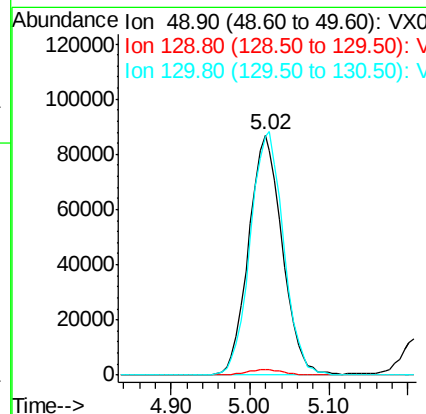
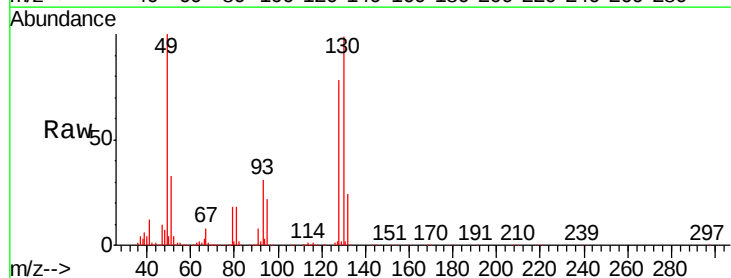
MMDadoda
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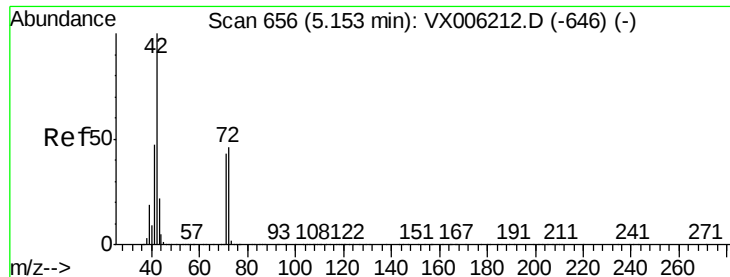


#28

Bromochloromethane
 Concen: 50.079 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	257563		
129	2.6	0.0	5.0	
130	100.7	78.3	117.5	





#29

Tetrahydrofuran

Concen: 229.844 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

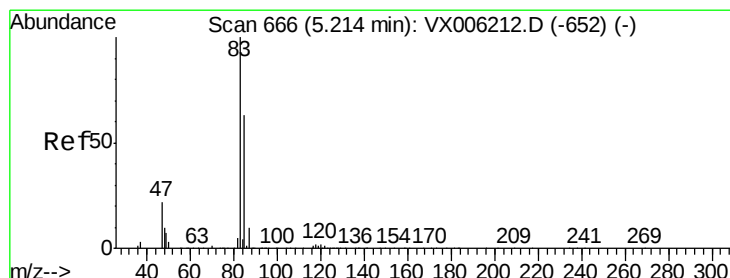
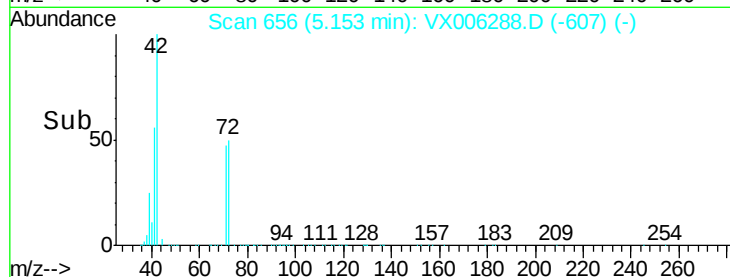
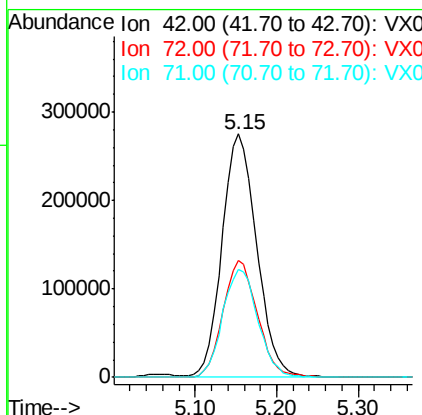
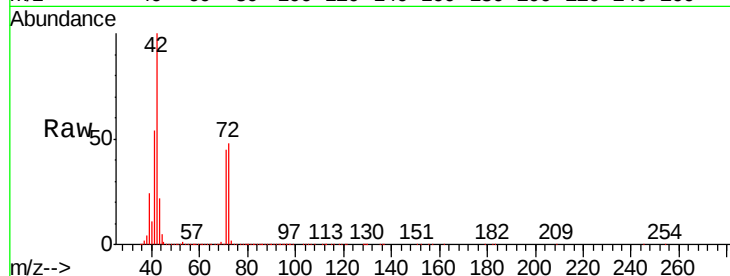
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	42	Resp:	805689
Ion Ratio		Lower	Upper
42	100		
72	48.2	37.8	56.8
71	45.4	35.2	52.8

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#30

Chloroform

Concen: 49.053 ug/l

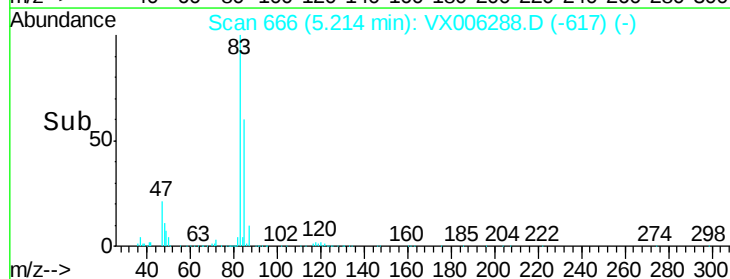
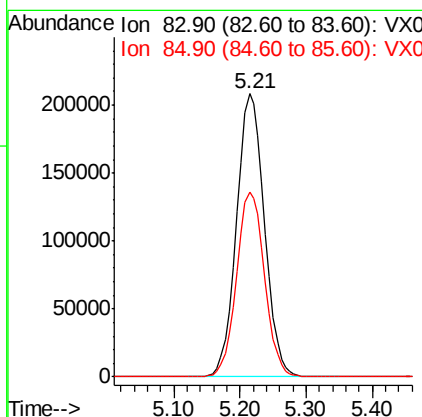
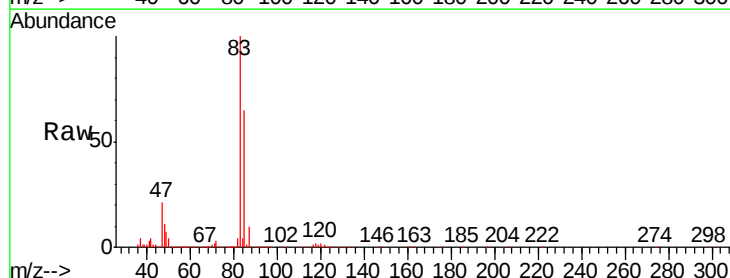
RT: 5.21 min Scan# 666

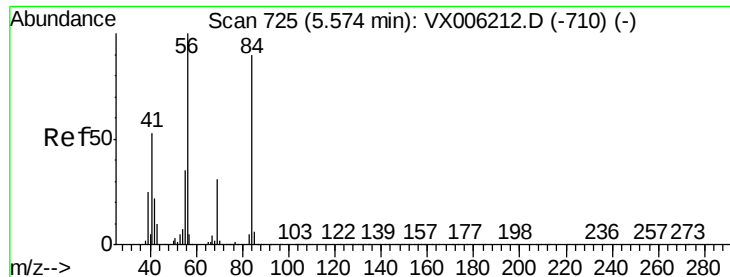
Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion:	83	Resp:	606972
Ion Ratio		Lower	Upper
83	100		
85	65.3	50.3	75.5





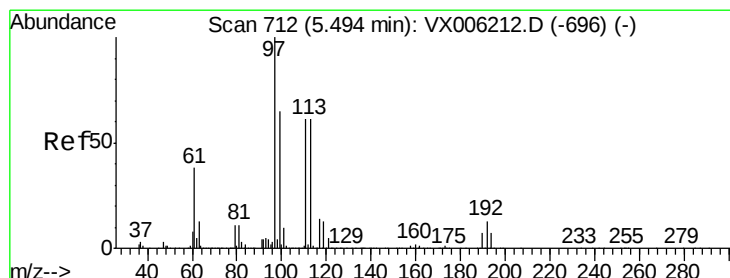
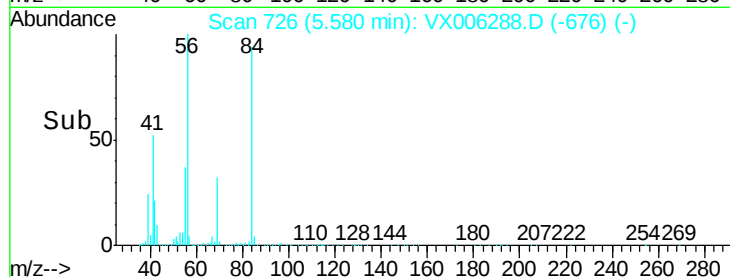
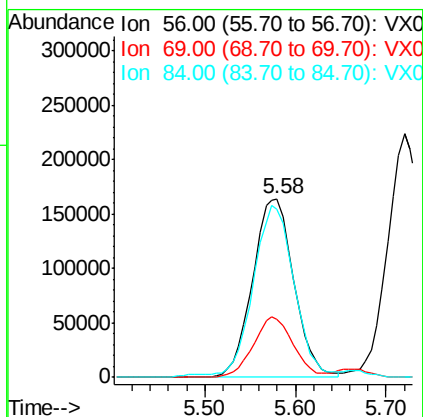
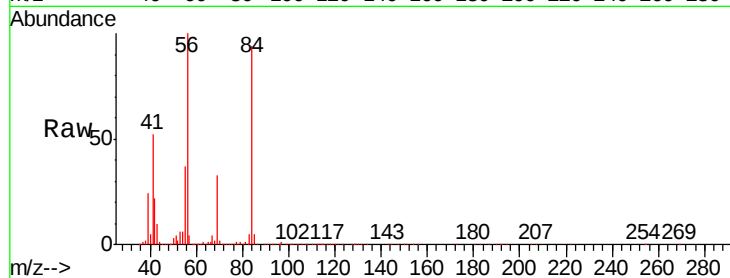
#31
Cyclohexane
Concen: 47.365 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.5	36.7
84	92.2	71.8	107.6

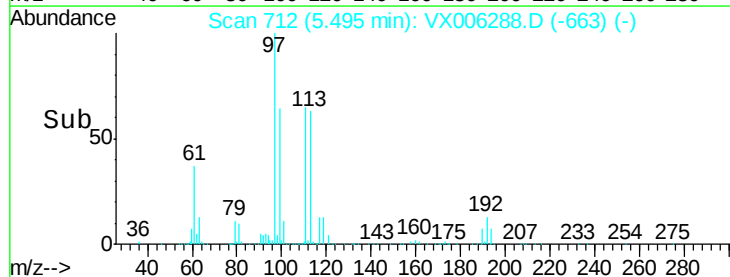
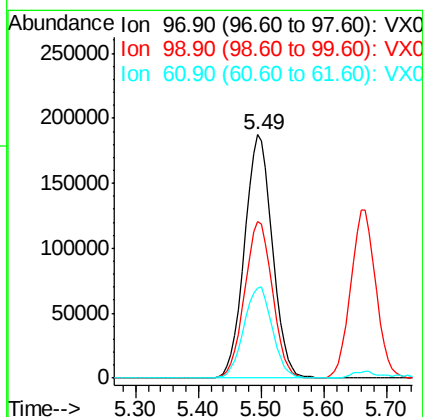
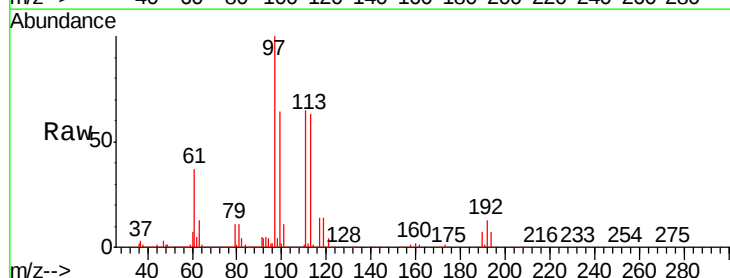
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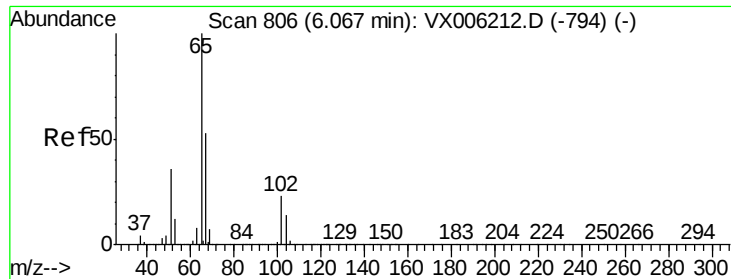
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 48.725 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	38.4	30.6	46.0





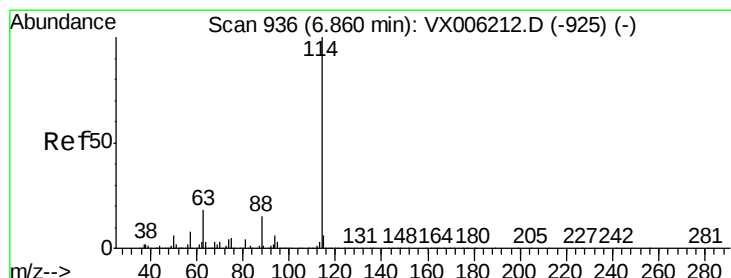
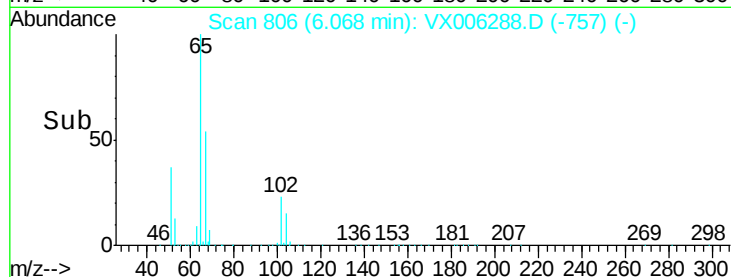
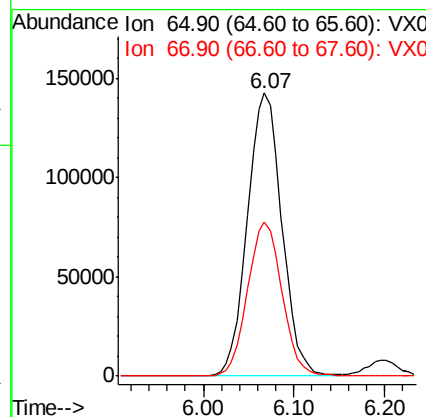
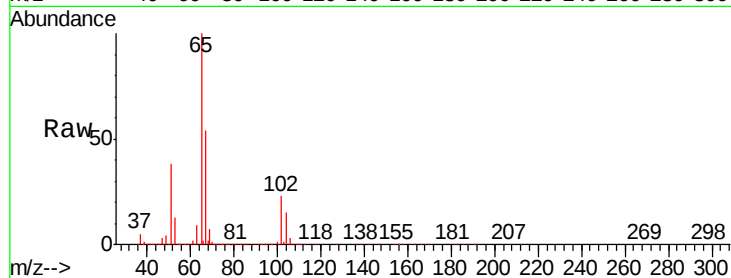
#33
 1,2-Dichloroethane-d4
 Concen: 49.795 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.2

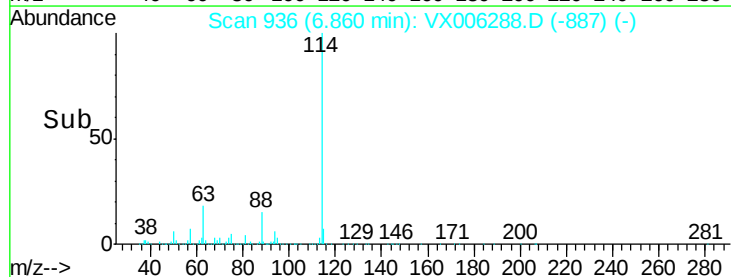
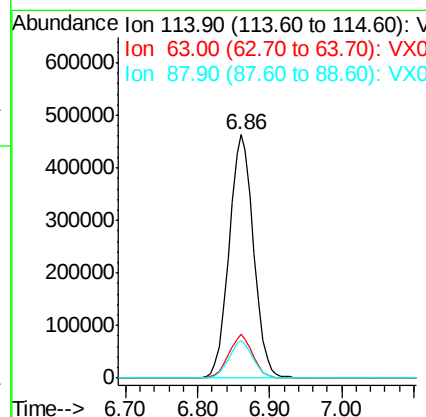
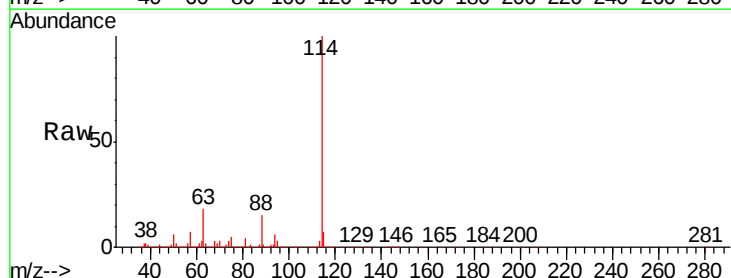
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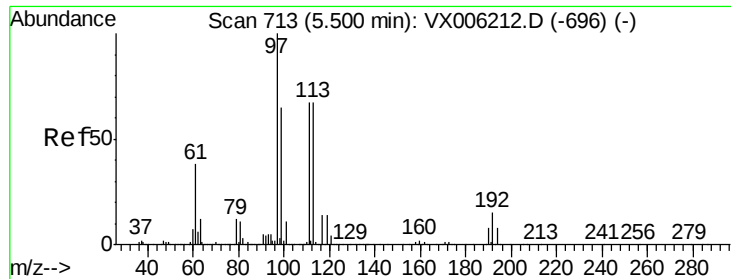
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.6
88	15.4	0.0	29.0





#35

Dibromofluoromethane

Concen: 51.546 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

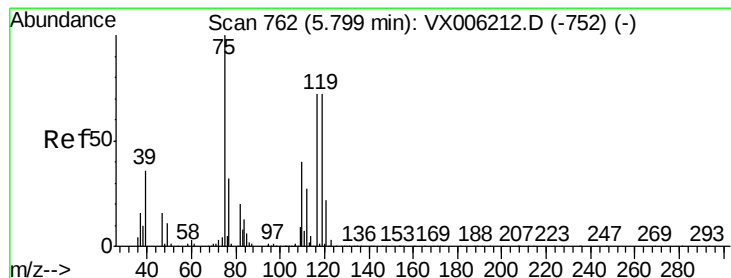
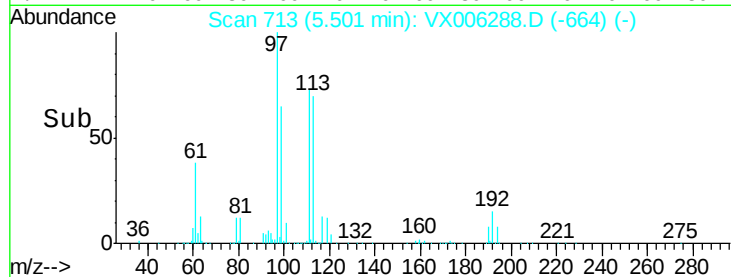
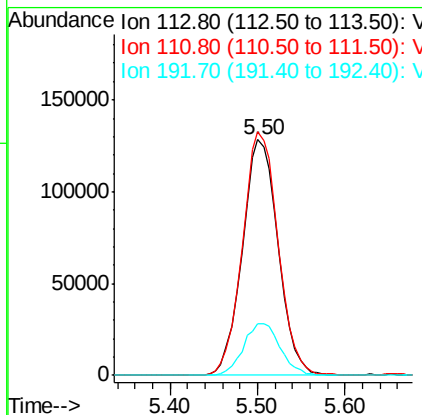
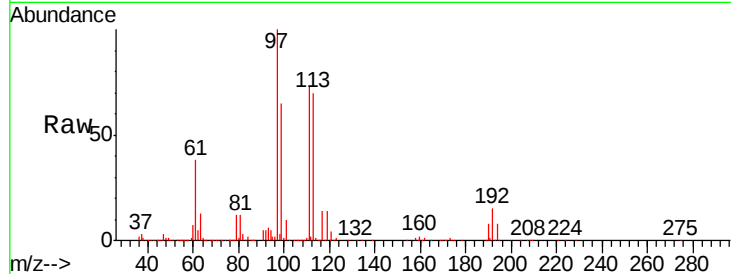
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	364765
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.1	121.7
192	22.6	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 48.297 ug/l

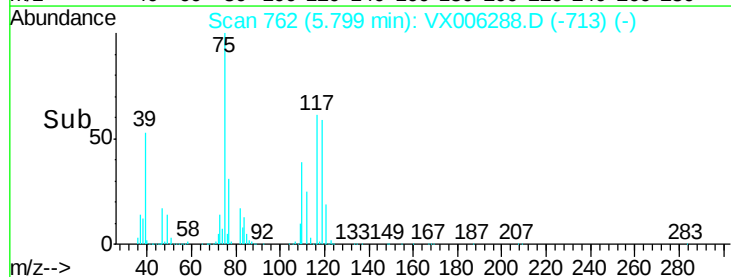
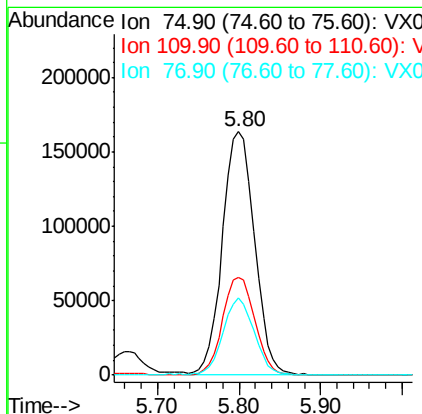
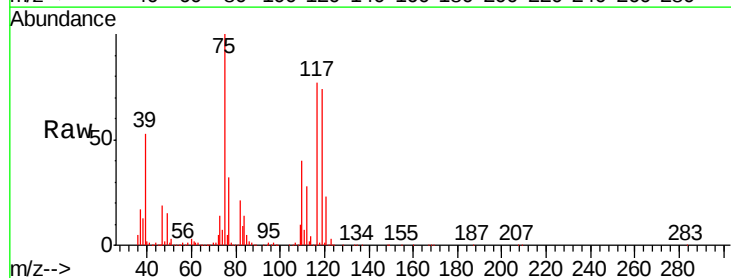
RT: 5.80 min Scan# 762

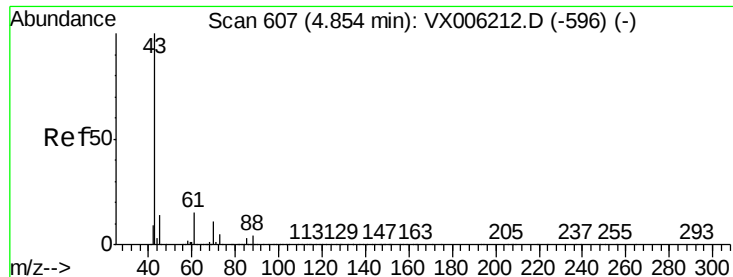
Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion:	75	Resp:	444518
Ion Ratio	Lower	Upper	
75	100		
110	40.8	20.4	61.3
77	30.0	24.9	37.3





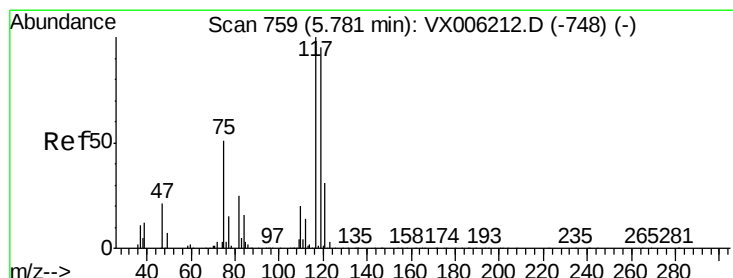
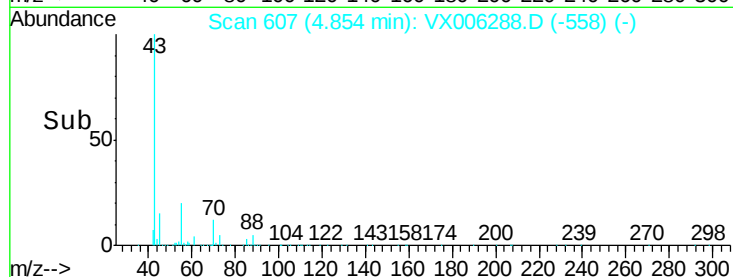
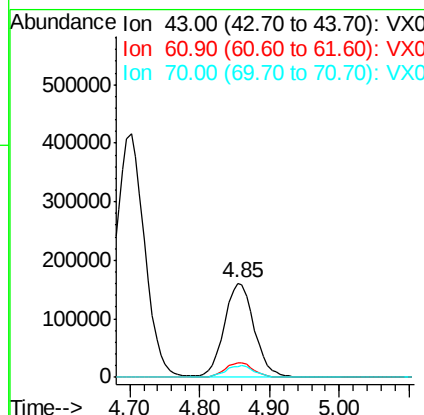
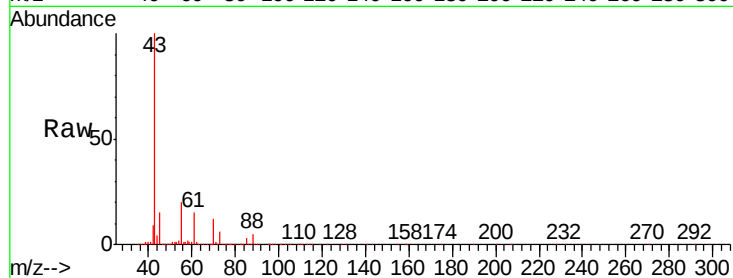
#37
Ethyl Acetate
Concen: 46.192 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	12.4	9.0	13.6

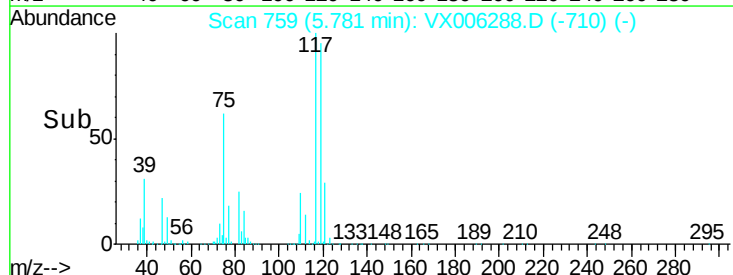
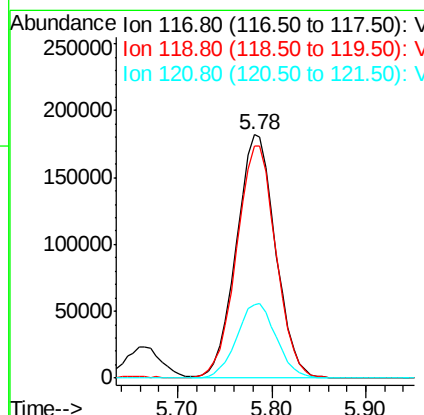
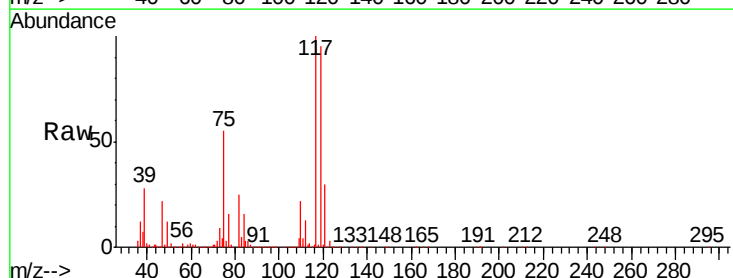
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 48.646 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
121	30.0	24.6	37.0





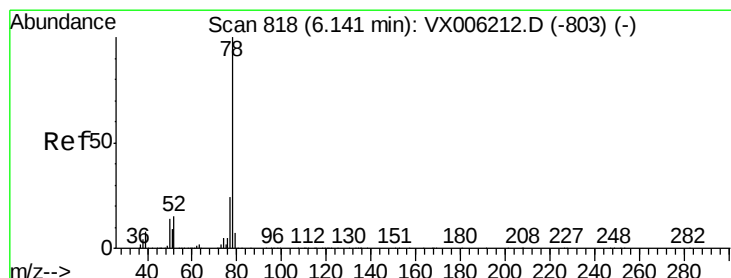
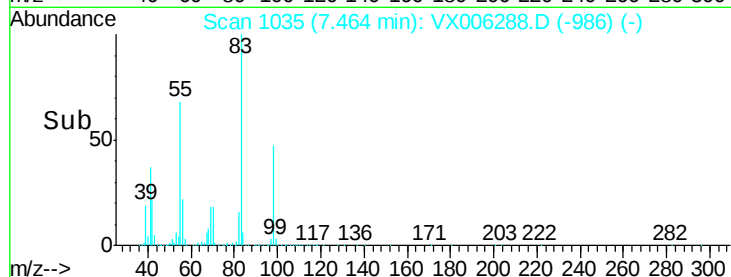
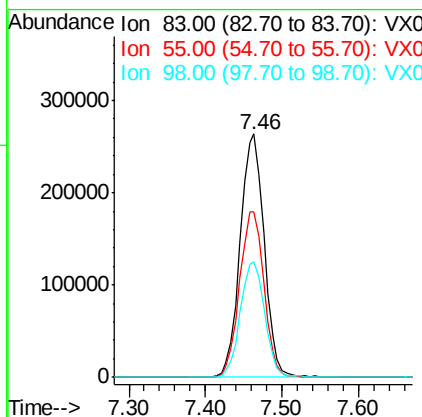
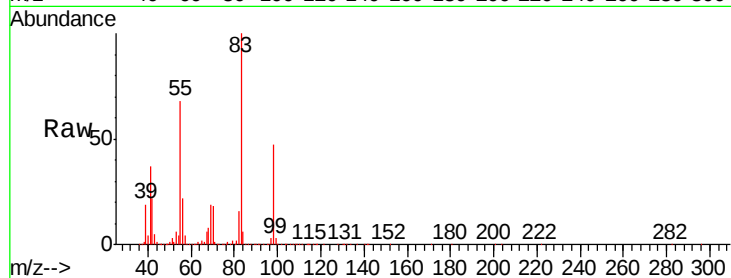
#39
Methylcyclohexane
Concen: 48.098 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.2	56.4	84.6
98	47.3	39.0	58.6

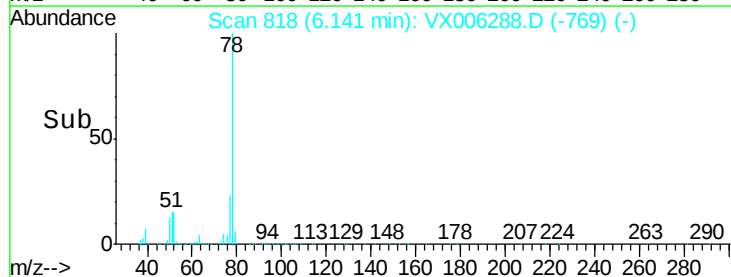
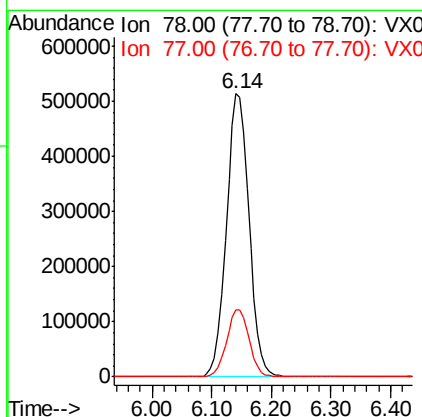
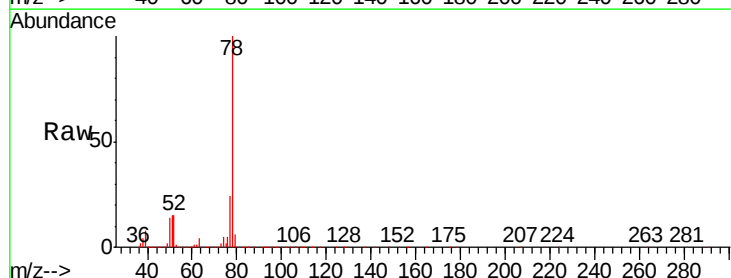
Manual Integrations
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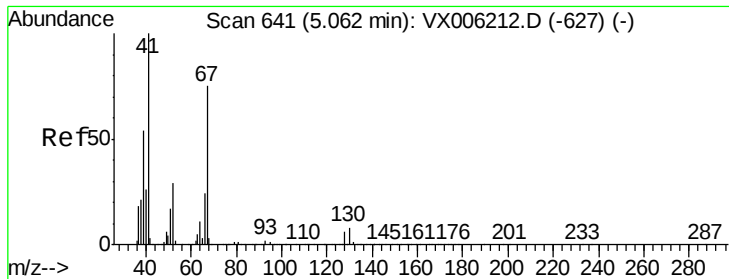
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#40
Benzene
Concen: 49.050 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 45.653 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

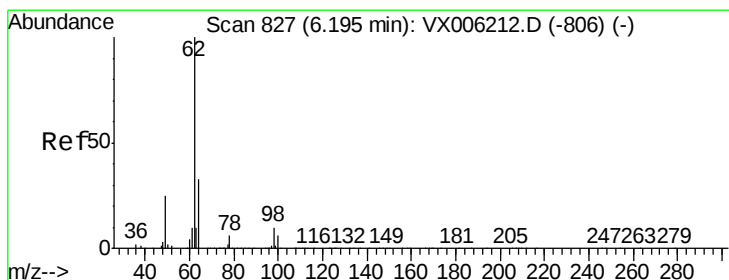
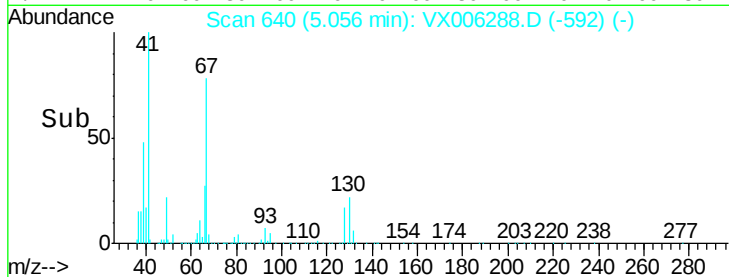
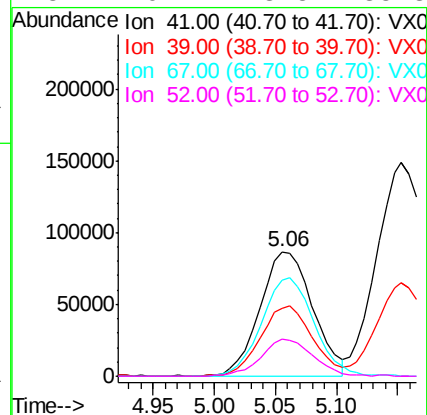
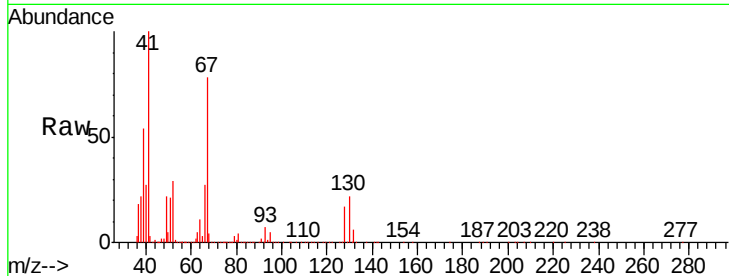
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	44.0	66.0	
67	79.6	61.4	92.0	
52	29.2	23.5	35.3	

Manual Integrations
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12/5/2018 10:12:11 AM



#42

1,2-Dichloroethane

Concen: 49.445 ug/l

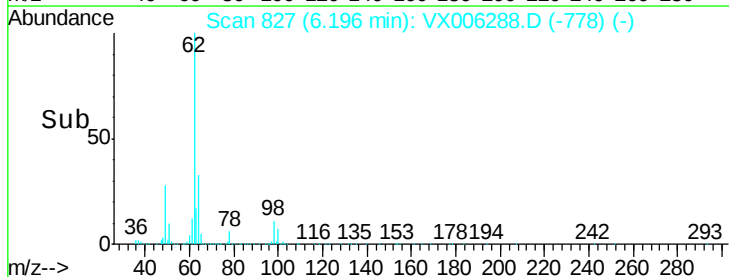
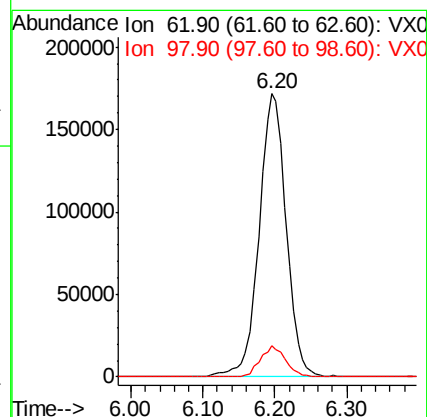
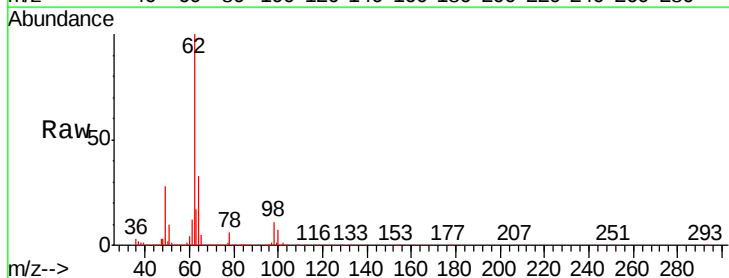
RT: 6.20 min Scan# 827

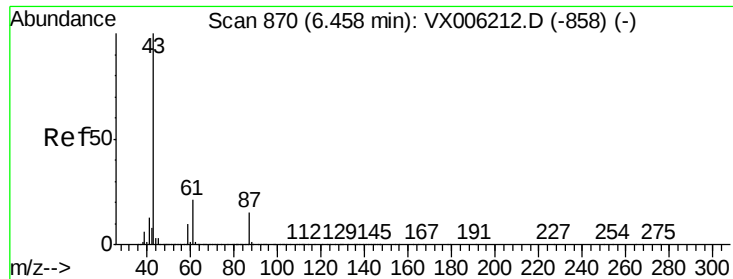
Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.2	





#43

Isopropyl Acetate

Concen: 45.520 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

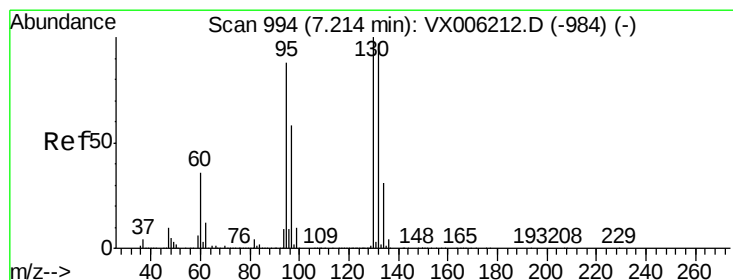
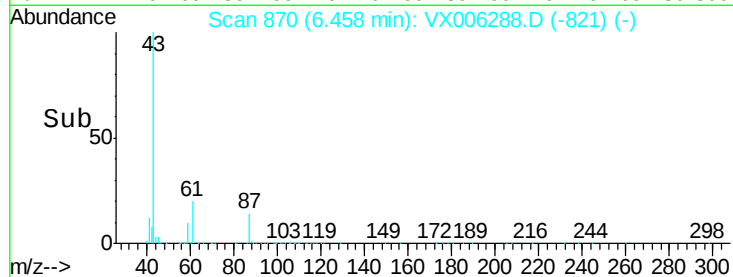
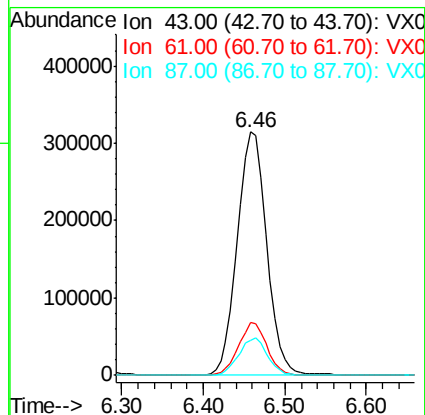
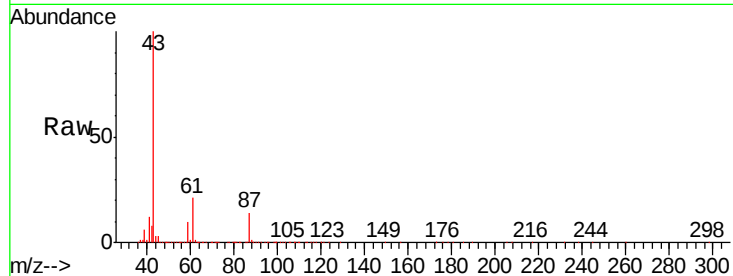
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	782256
Ion Ratio	Lower	Upper	
43	100		
61	21.2	16.8	25.2
87	15.1	11.9	17.9

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#44

Trichloroethene

Concen: 48.852 ug/l

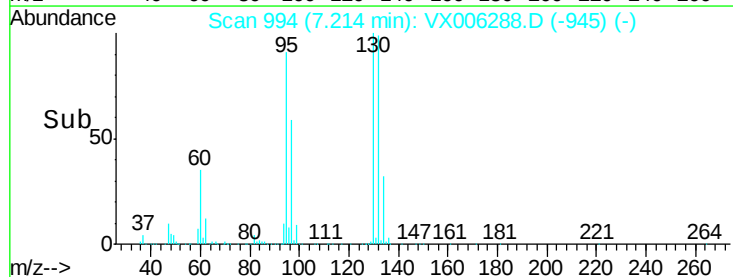
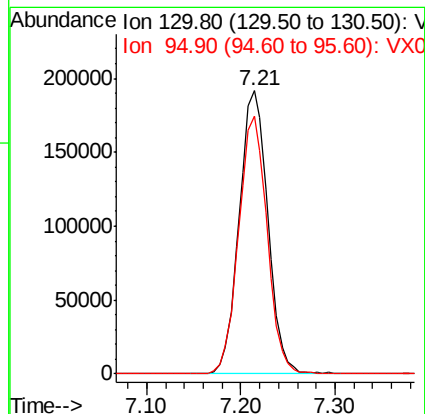
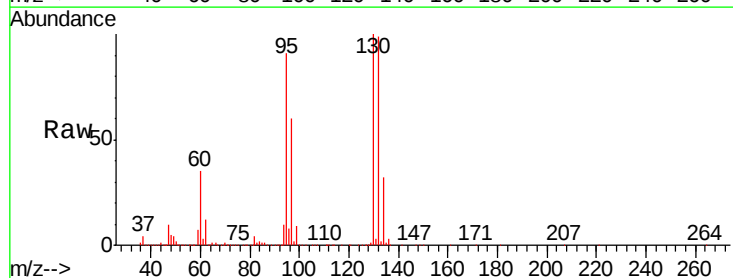
RT: 7.21 min Scan# 994

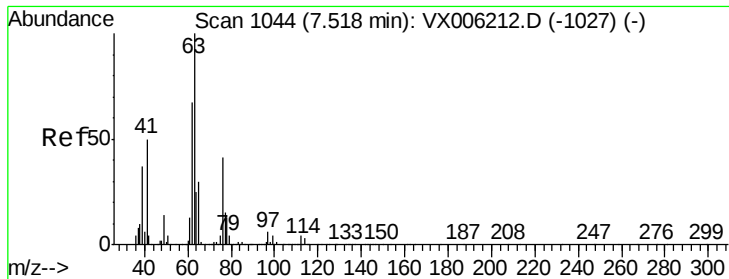
Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion:	130	Resp:	407970
Ion Ratio	Lower	Upper	
130	100		
95	91.1	0.0	175.8





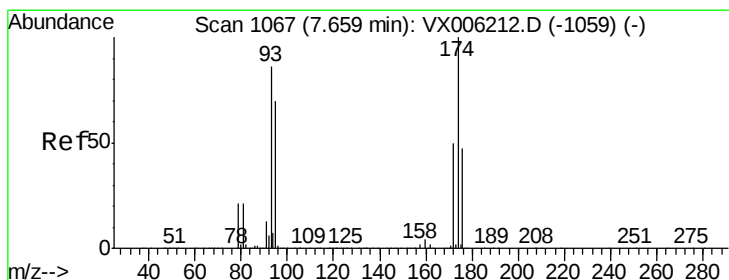
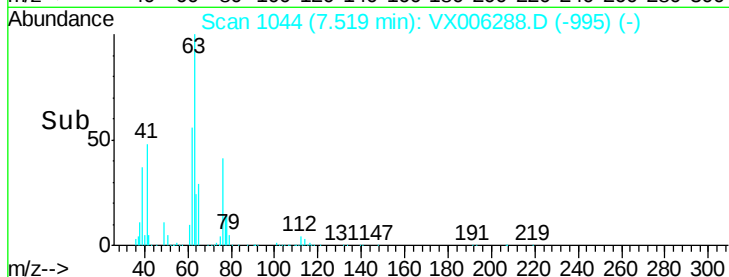
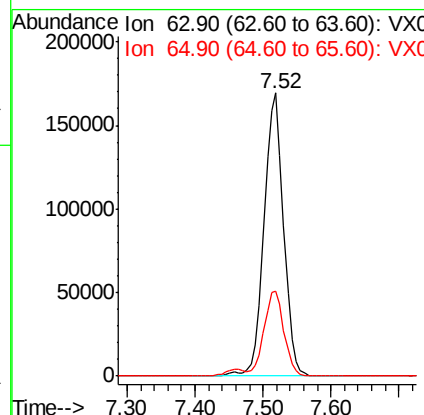
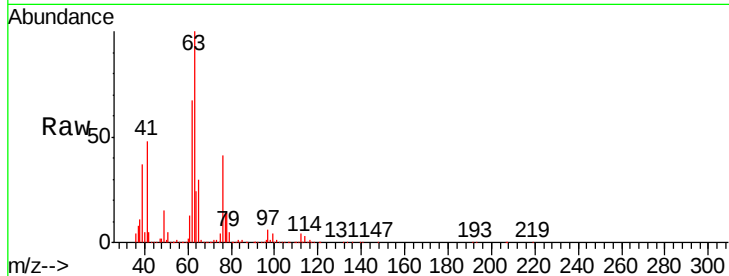
#45
 1,2-Dichloropropane
 Concen: 48.773 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.3	36.5

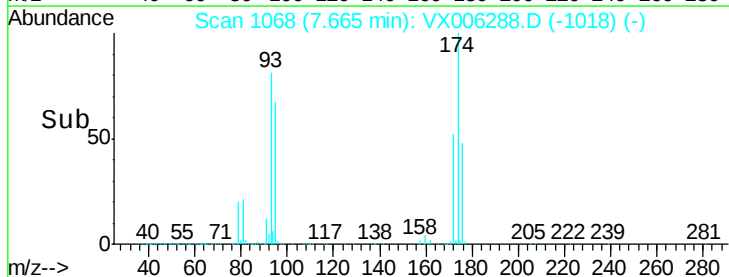
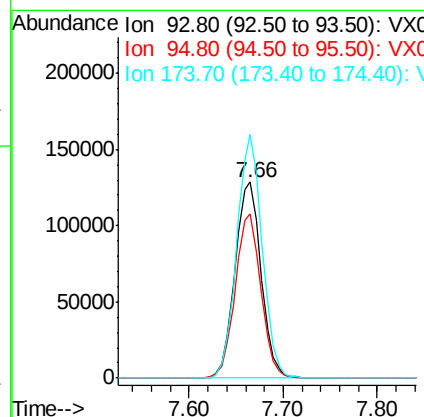
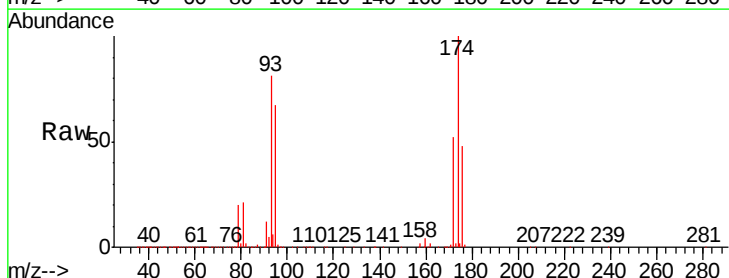
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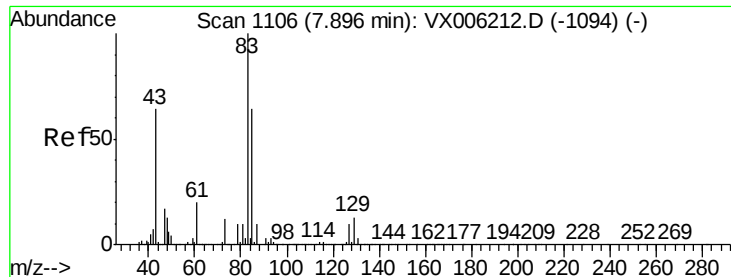
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#46
 Dibromomethane
 Concen: 48.818 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	66.2	99.4
174	120.9	97.2	145.8





#47

Bromodichloromethane

Concen: 48.837 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

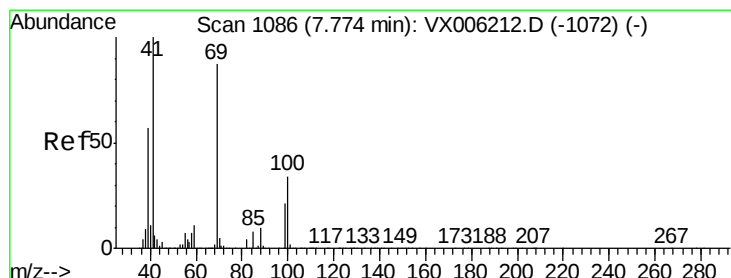
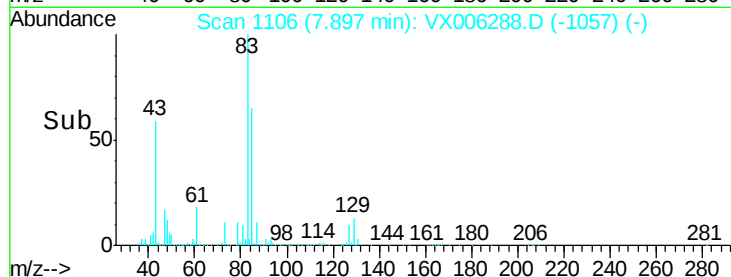
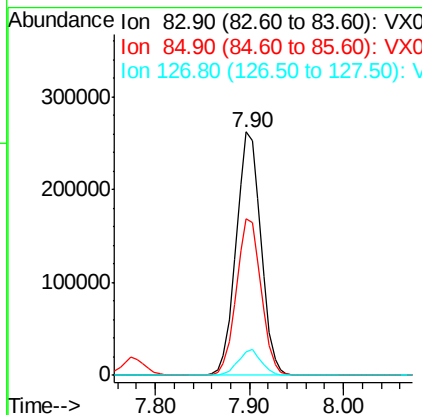
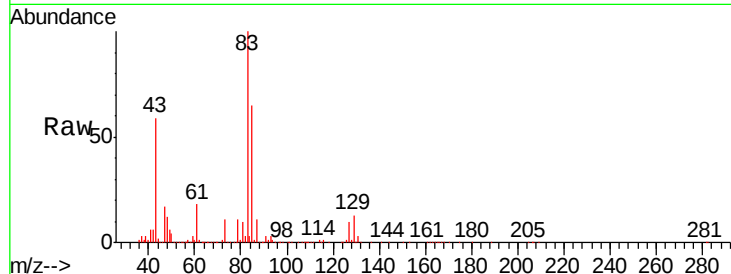
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	478541
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.4	77.0
127	9.6	7.9	11.9

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#48

Methyl methacrylate

Concen: 45.643 ug/l

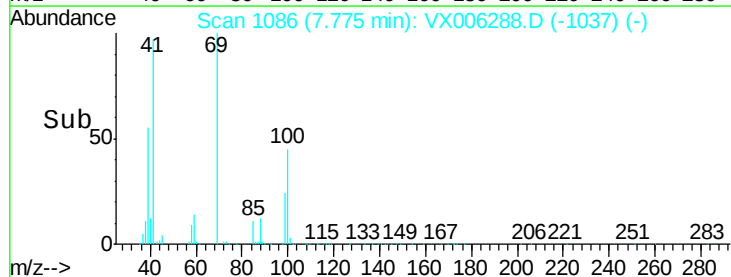
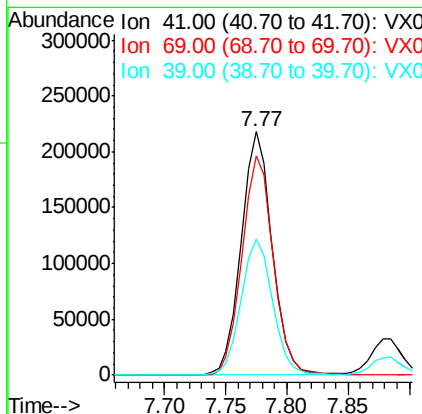
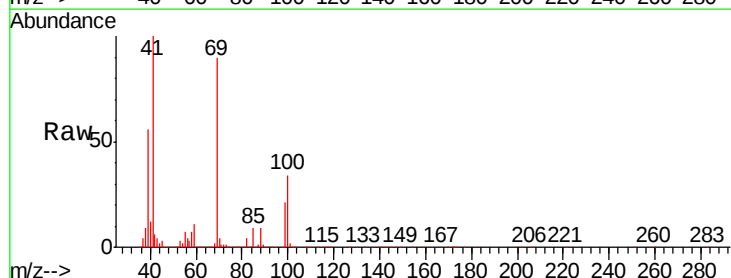
RT: 7.77 min Scan# 1086

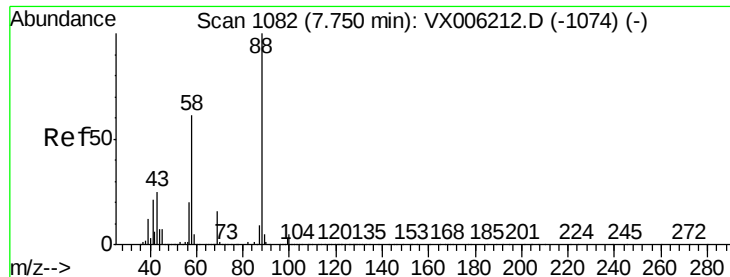
Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion:	41	Resp:	381593
Ion Ratio	Lower	Upper	
41	100		
69	91.6	70.3	105.5
39	56.9	45.3	67.9





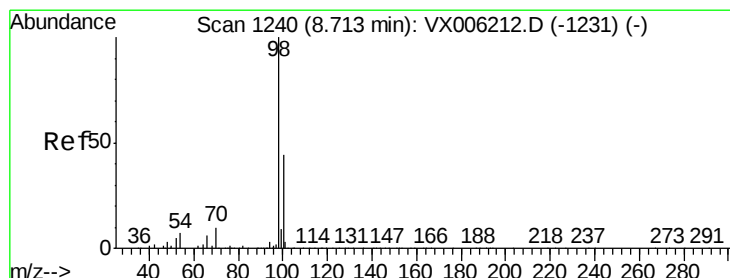
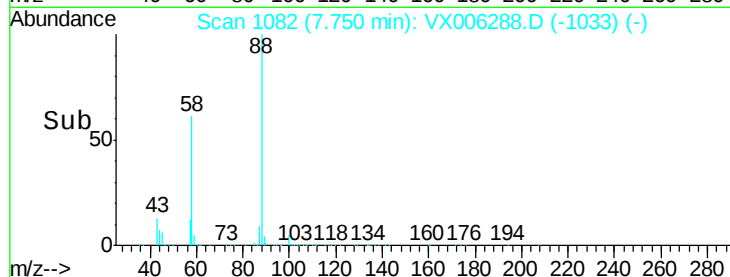
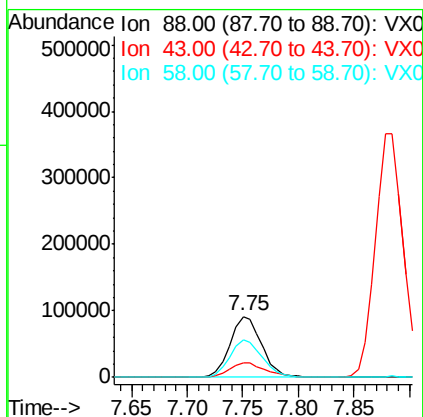
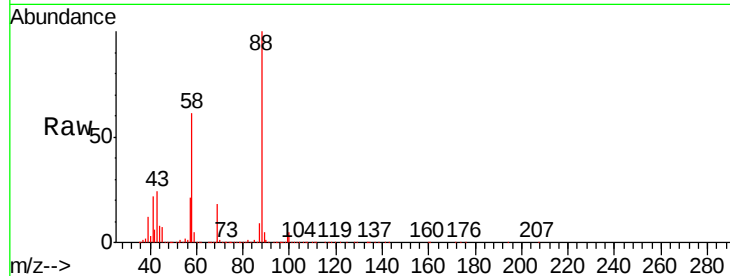
#49
1,4-Dioxane
Concen: 866.076 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.1	23.2	34.8
58	63.7	51.4	77.0

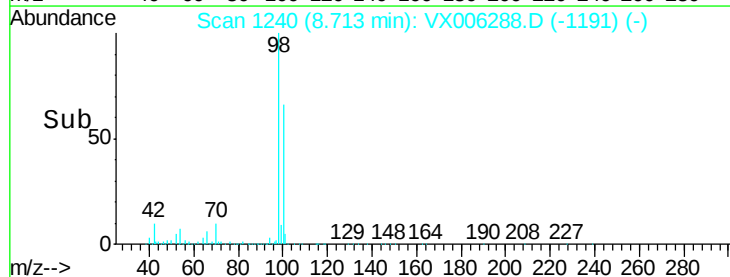
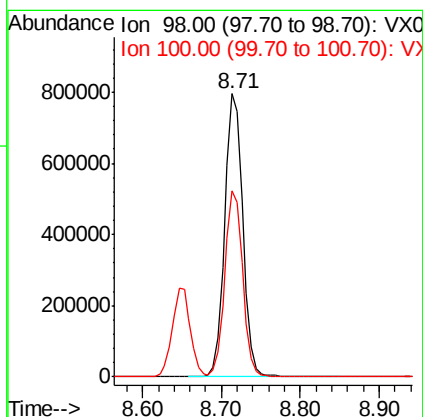
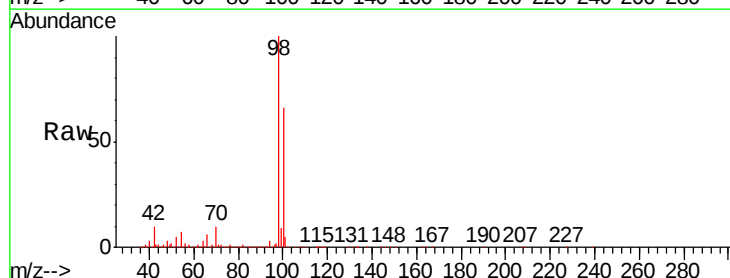
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#50
Toluene-d8
Concen: 49.055 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





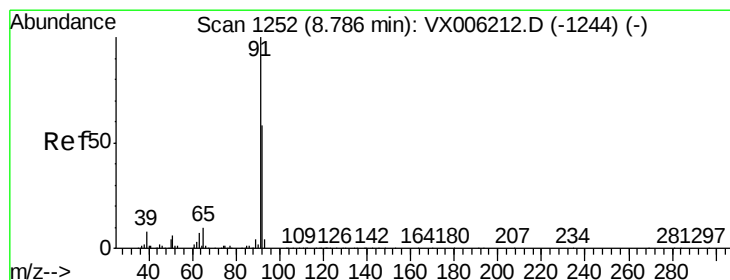
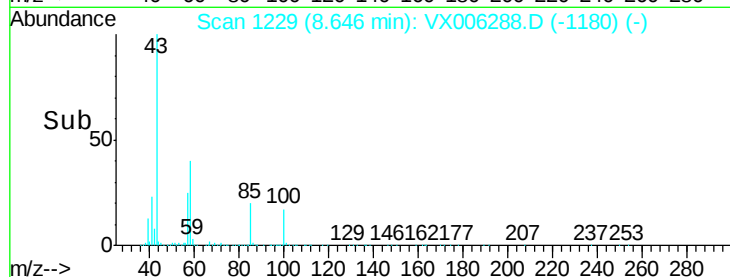
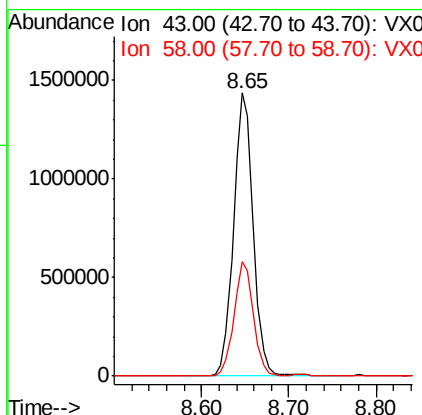
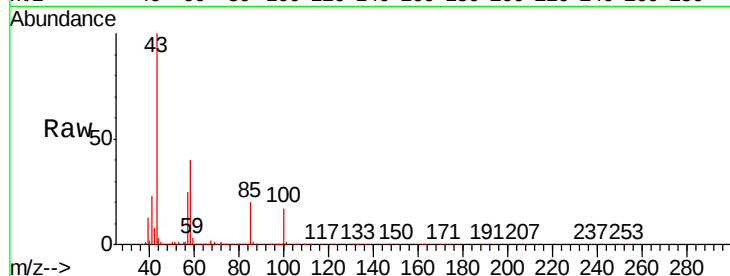
#51
 4-Methyl-2-Pentanone
 Concen: 225.377 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2254707
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.3 46.9

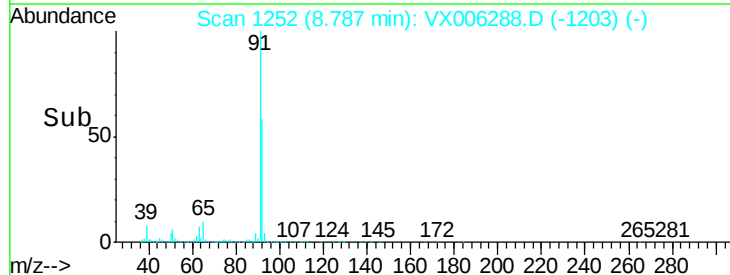
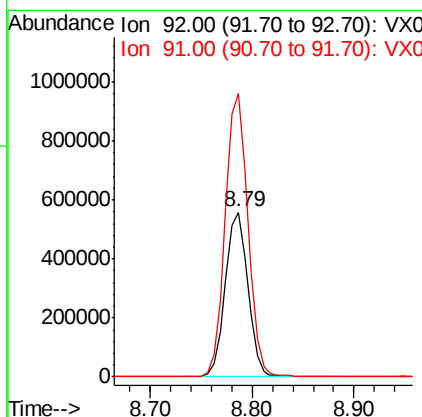
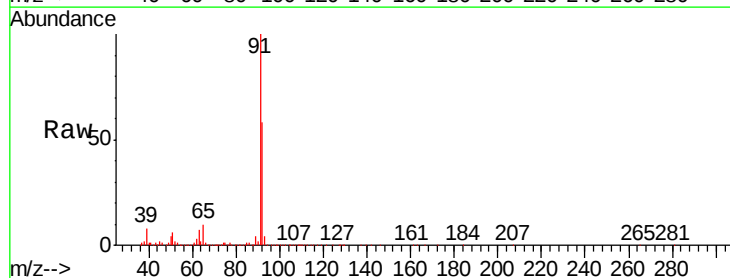
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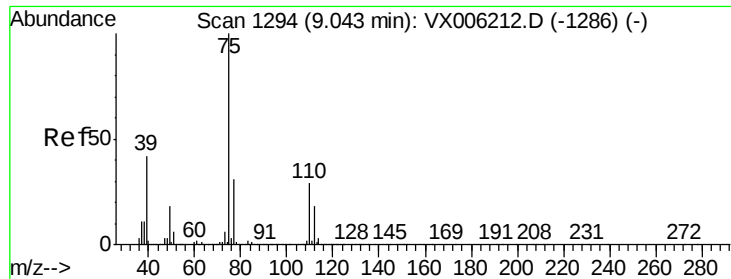
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#52
 Toluene
 Concen: 47.309 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion: 92 Resp: 858001
 Ion Ratio Lower Upper
 92 100
 91 172.8 139.2 208.8





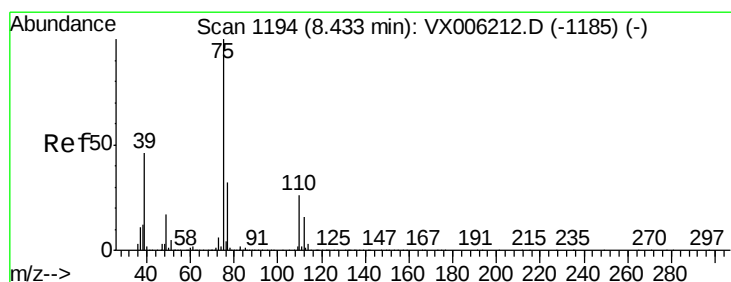
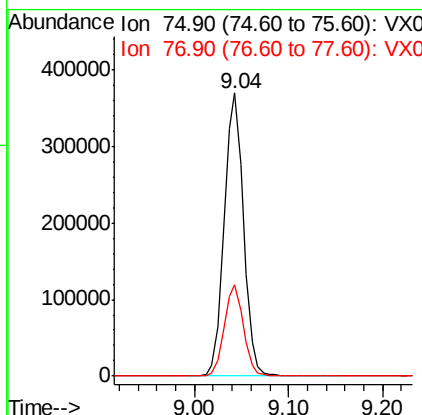
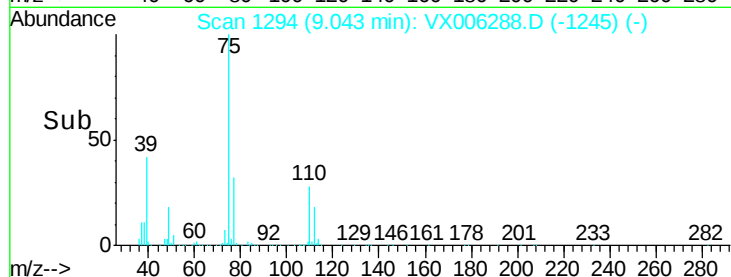
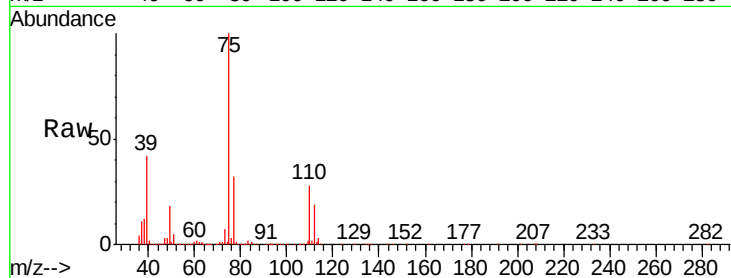
#53
t-1,3-Dichloropropene
Concen: 45.597 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 522530
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

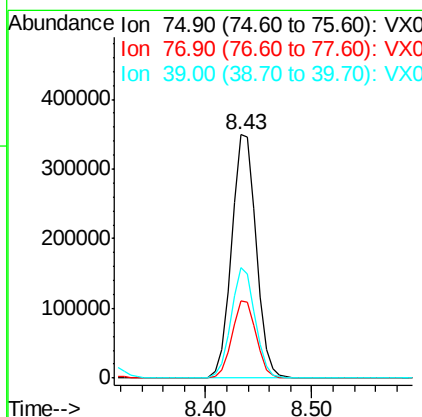
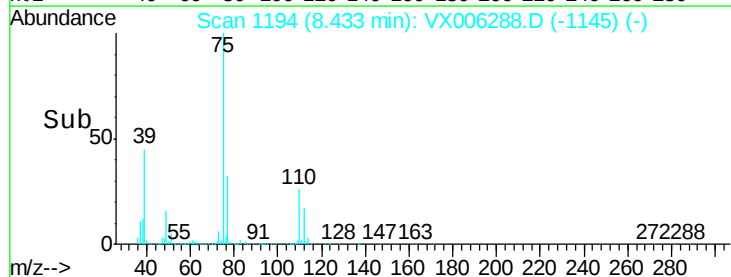
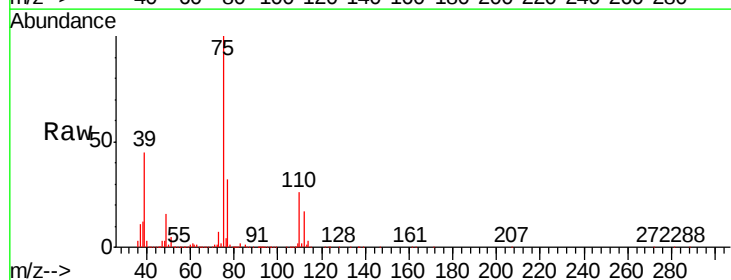
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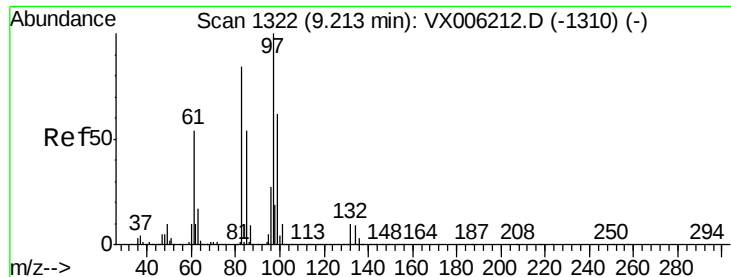
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#54
cis-1,3-Dichloropropene
Concen: 47.543 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 75 Resp: 565739
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 45.3 36.5 54.7





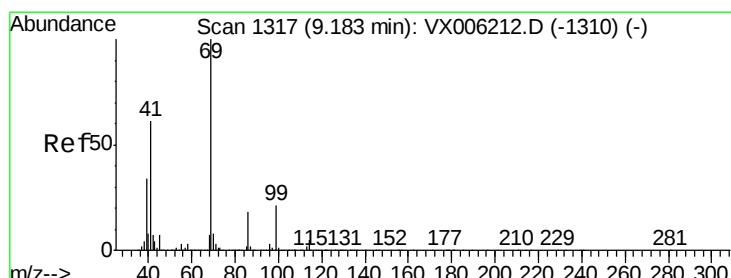
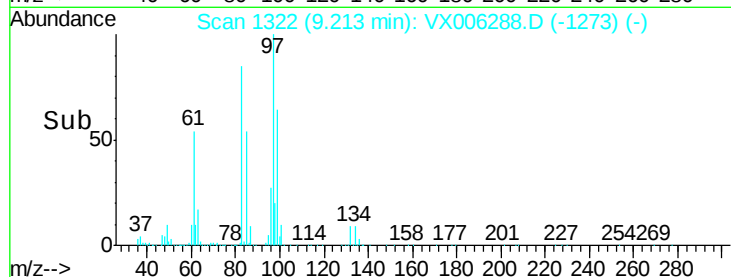
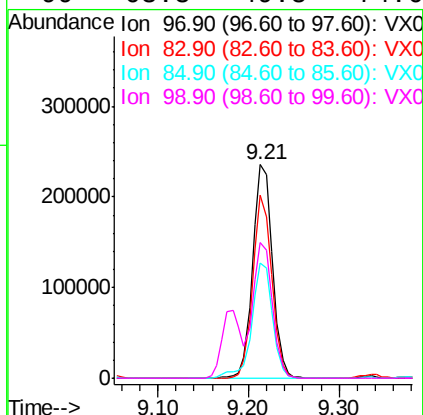
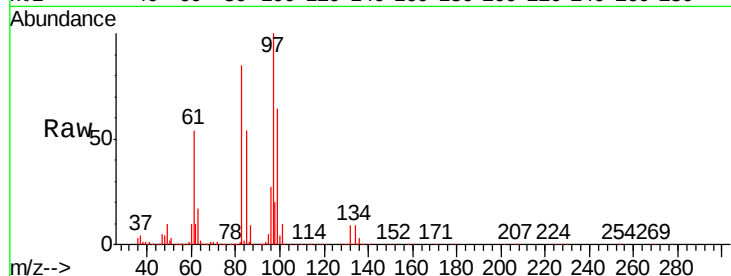
#55
 1,1,2-Trichloroethane
 Concen: 48.204 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.1	100.7
85	54.1	43.2	64.8
99	63.8	49.8	74.6

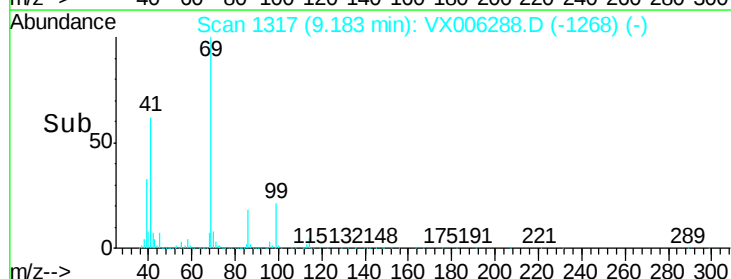
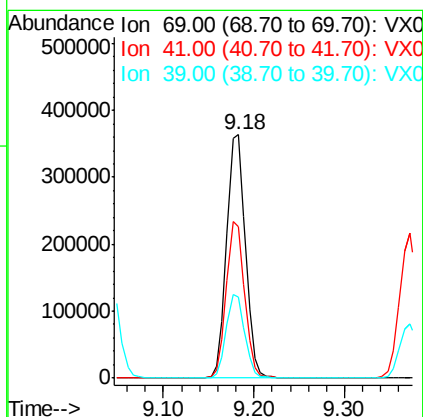
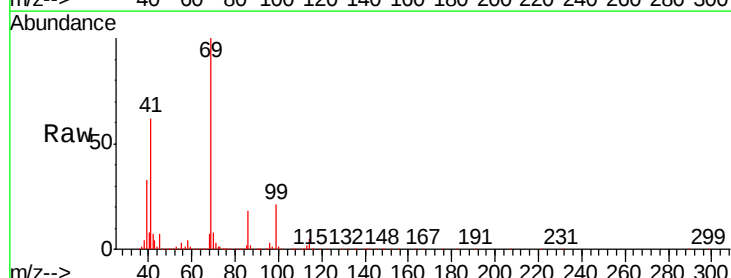
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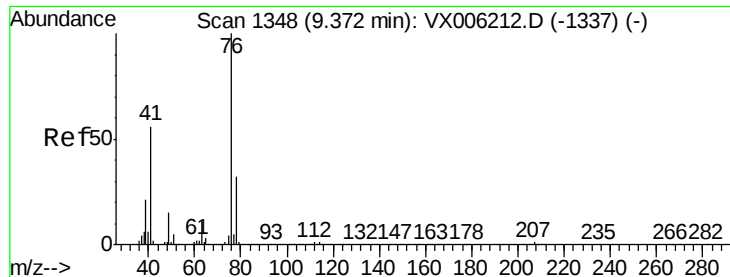
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#56
 Ethyl methacrylate
 Concen: 45.615 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.7	50.6	76.0
39	33.7	27.6	41.4





#57

1,3-Dichloropropane

Concen: 48.661 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 566939

Ion Ratio Lower Upper

76 100

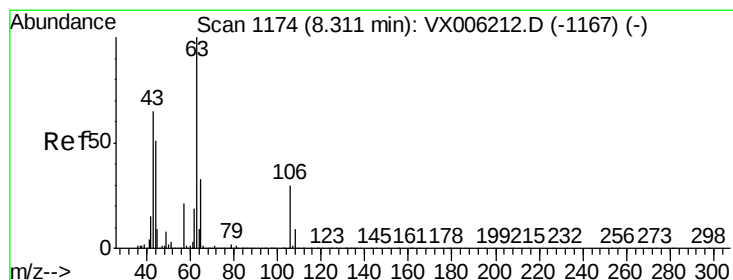
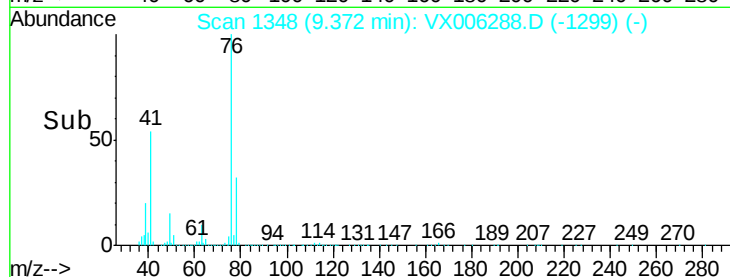
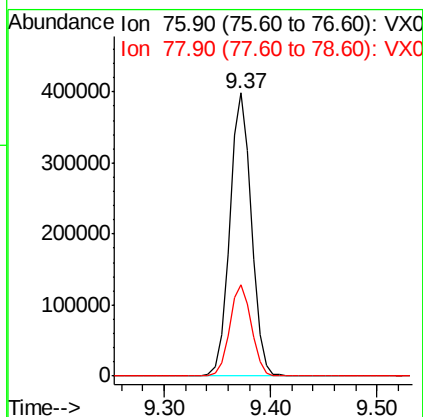
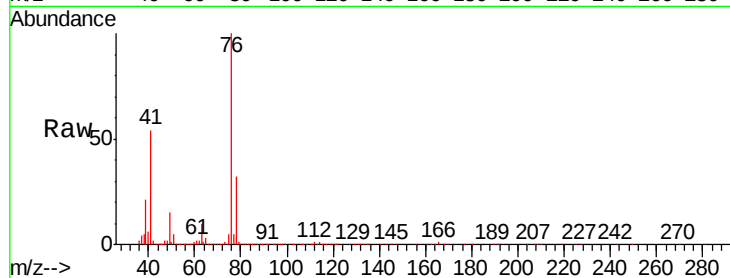
78 32.5 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 237.895 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006288.D

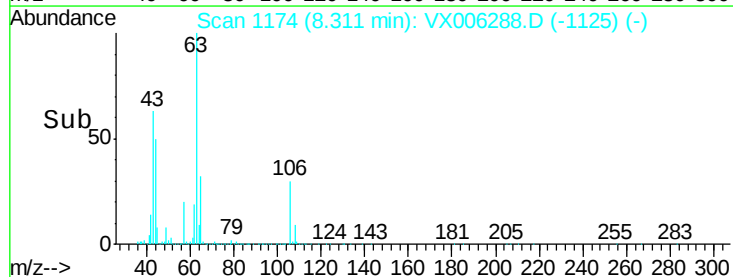
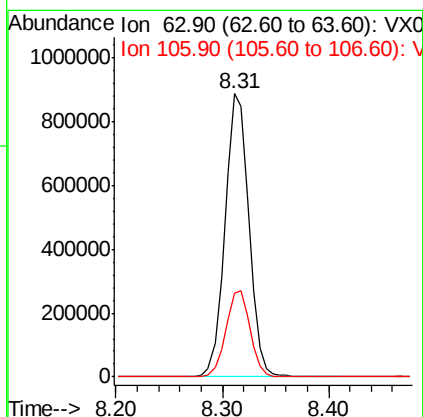
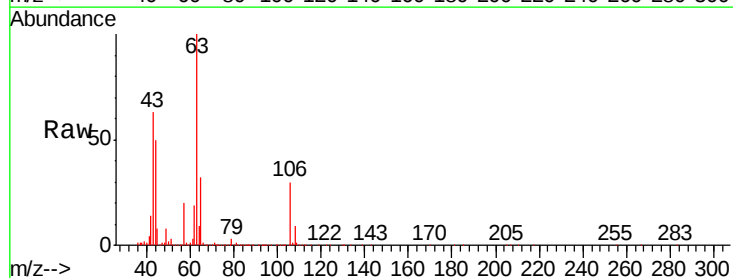
Acq: 04 Dec 2018 19:34

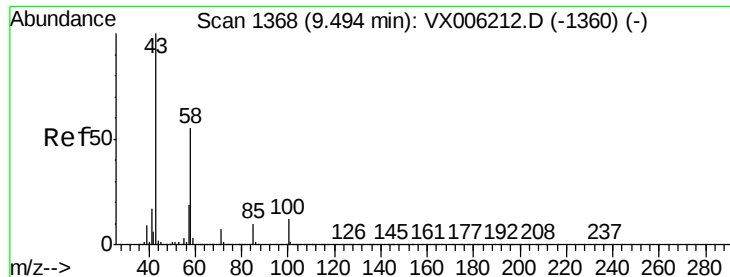
Tgt Ion: 63 Resp: 1390488

Ion Ratio Lower Upper

63 100

106 31.1 24.9 37.3





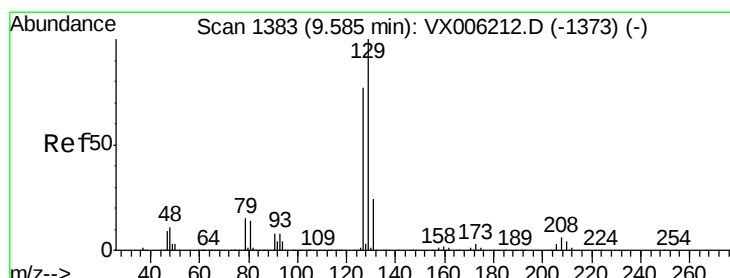
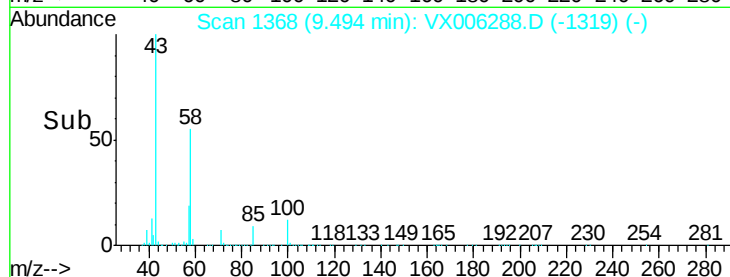
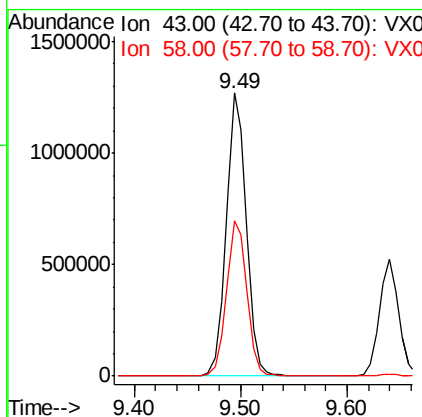
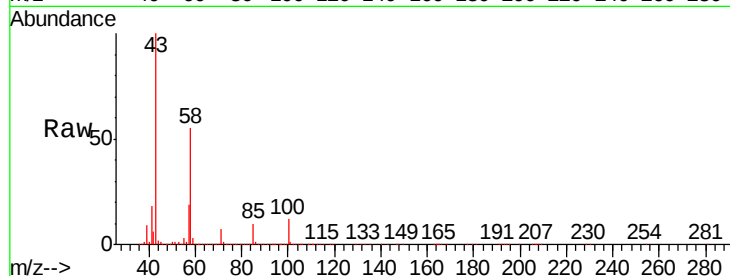
#59
2-Hexanone
Concen: 218.686 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1671462
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1

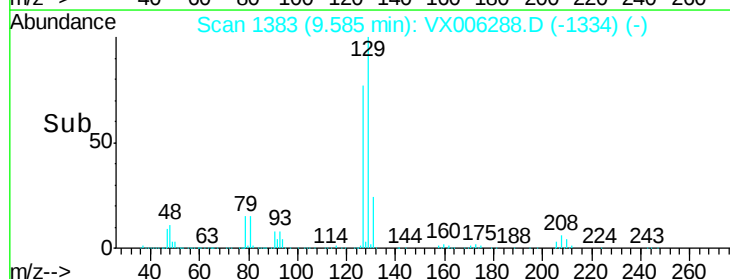
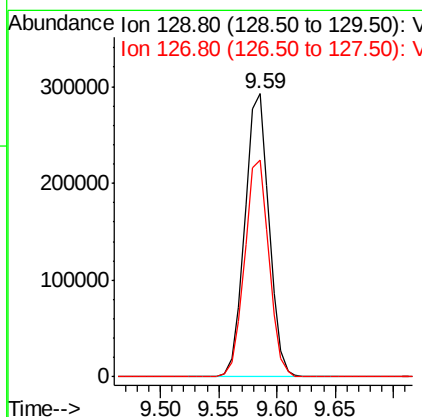
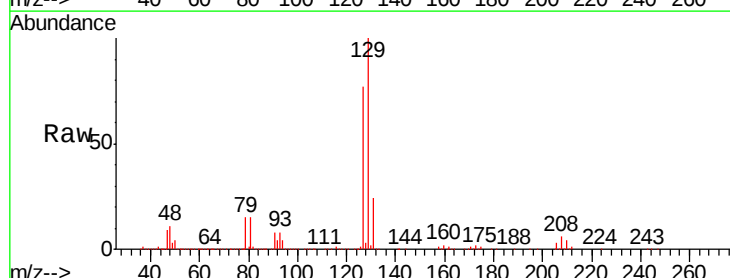
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#60
Dibromochloromethane
Concen: 46.855 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 129 Resp: 425690
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





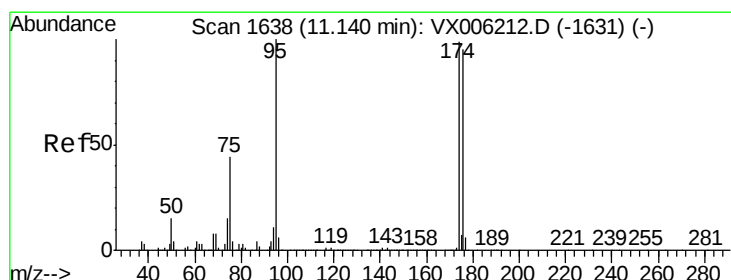
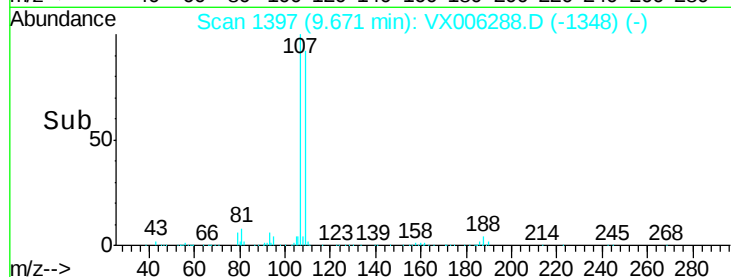
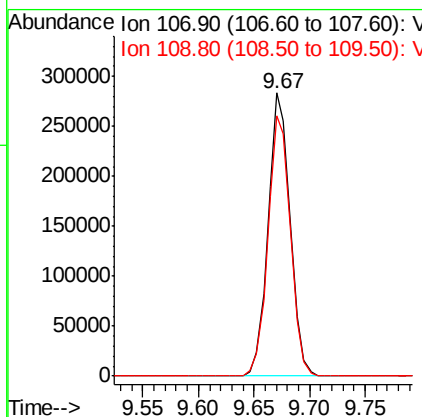
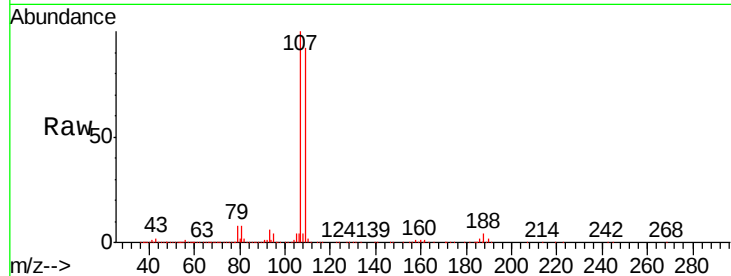
#61
 1,2-Dibromoethane
 Concen: 47.482 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	391172		
109	94.3	76.3	114.5	

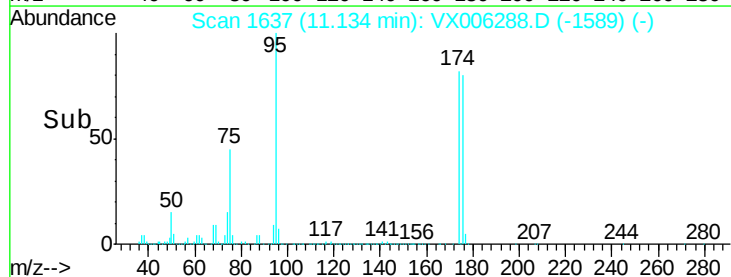
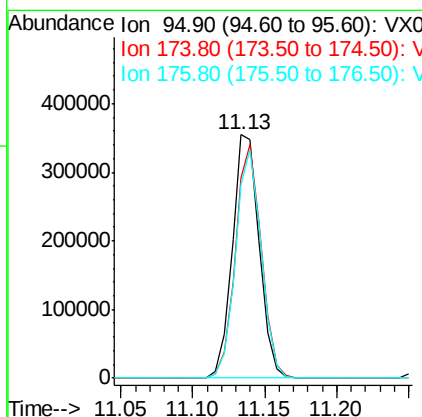
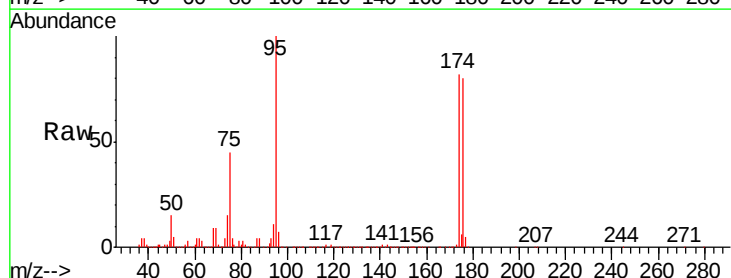
Manual Integrations
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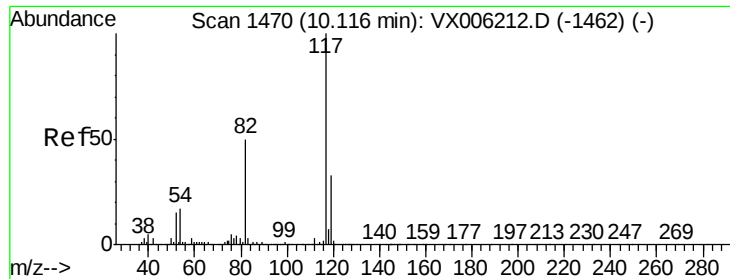
MMDadoda
 12/5/2018 10:12:11 AM



#62
 4-Bromofluorobenzene
 Concen: 47.715 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	462819		
174	91.9	0.0	187.0	
176	89.7	0.0	181.8	





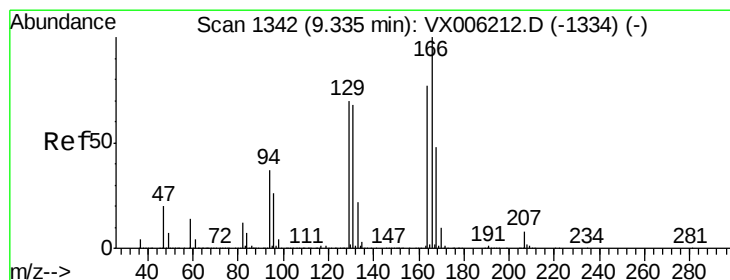
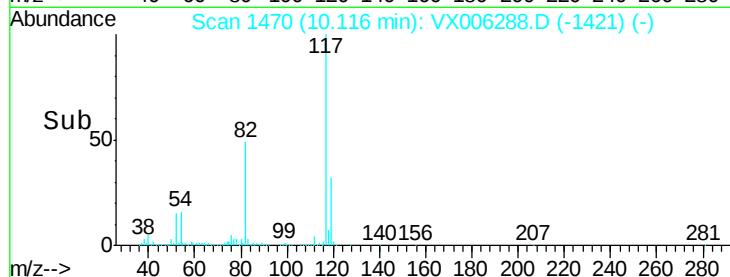
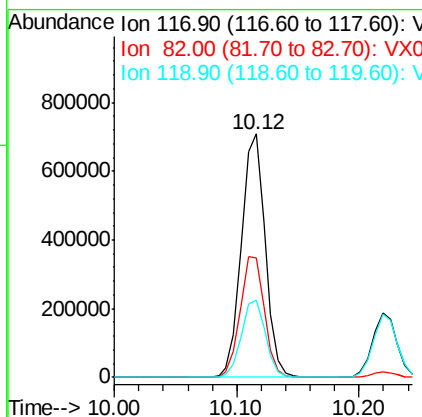
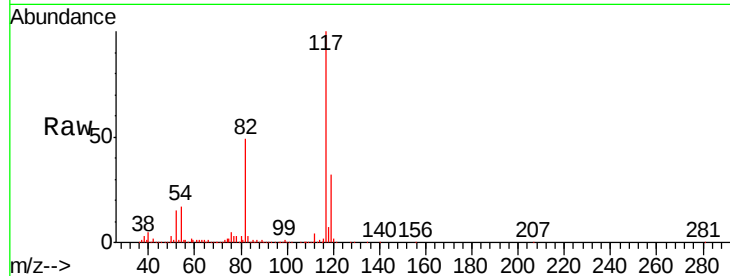
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	953339		
82	48.8	39.6	59.4	
119	31.6	26.3	39.5	

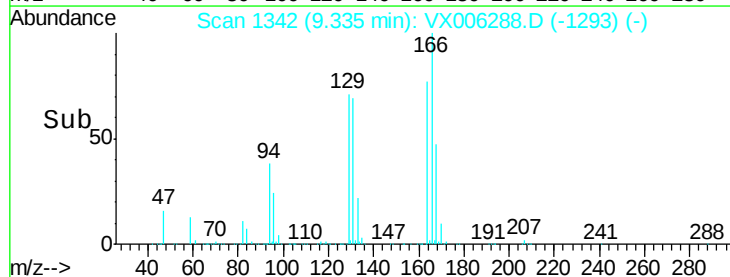
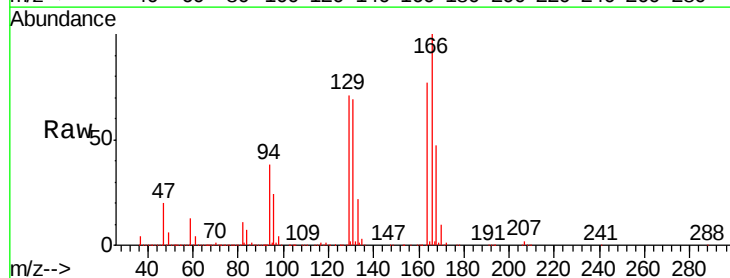
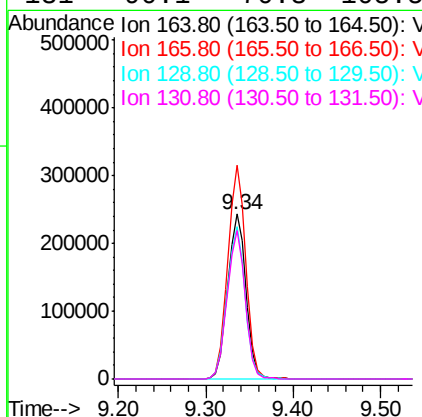
Manual Integrations
APPROVED

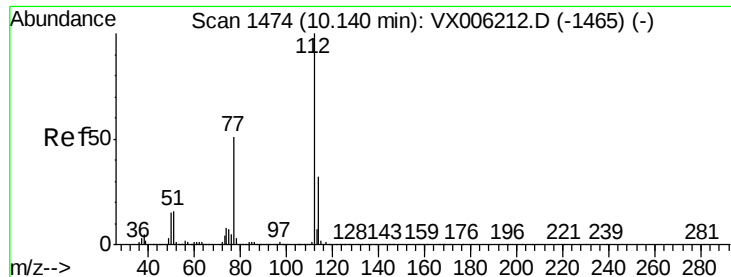
MMDadoda
12/5/2018 10:12:11 AM



#64
Tetrachloroethene
Concen: 49.224 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	353405		
166	129.7	104.2	156.2	
129	92.7	72.6	108.8	
131	90.1	70.3	105.5	





#65

Chlorobenzene

Concen: 49.547 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 1002688

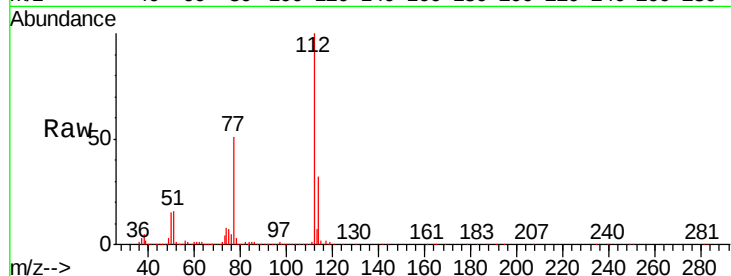
Ion Ratio Lower Upper

112 100

114 32.1 25.4 38.2

Manual Integrations
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12/5/2018 10:12:11 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

800000

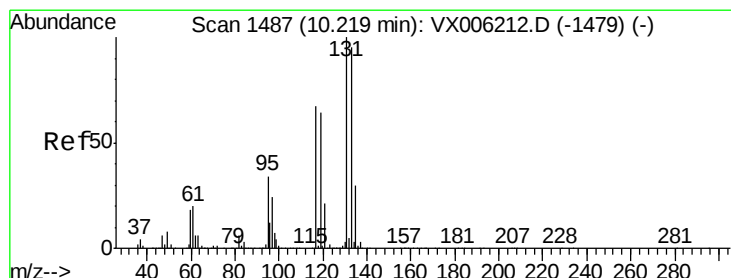
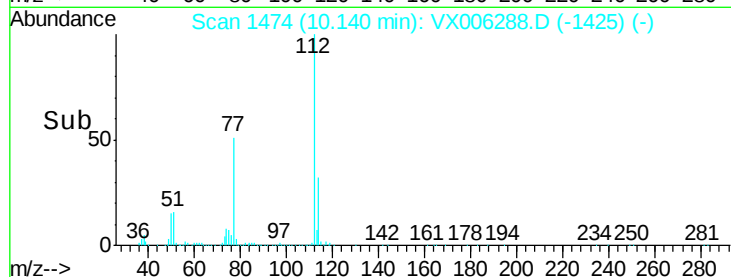
600000

400000

200000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.512 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

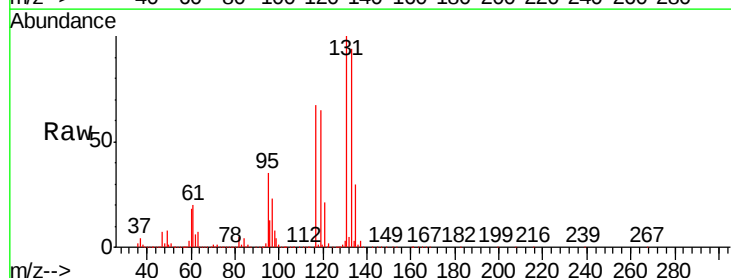
Tgt Ion:131 Resp: 389304

Ion Ratio Lower Upper

131 100

133 95.0 48.1 144.4

119 64.6 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

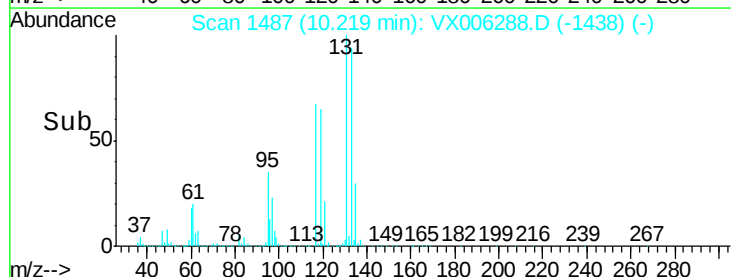
300000

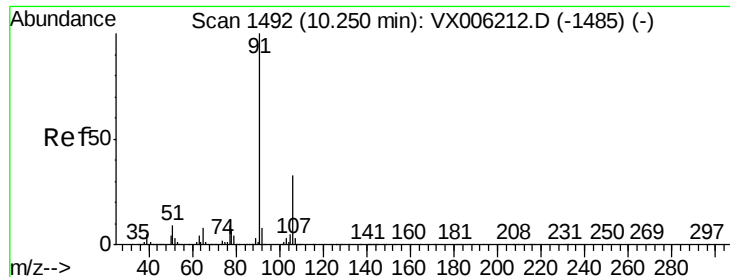
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 48.514 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1632924

Ion Ratio Lower Upper

91 100

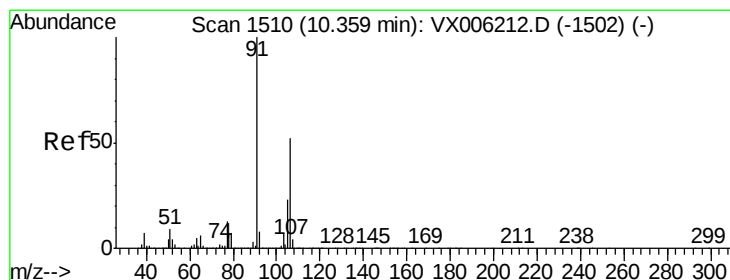
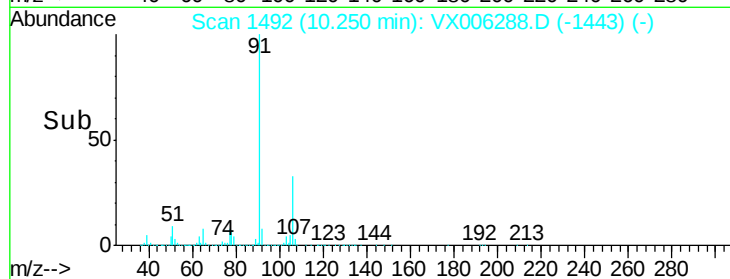
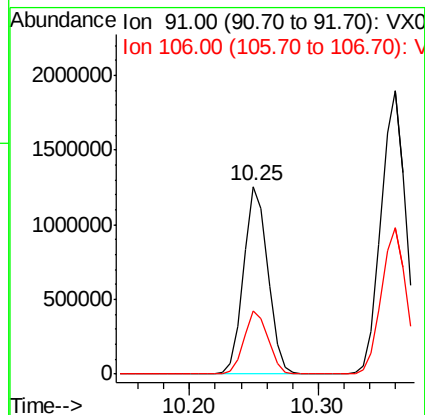
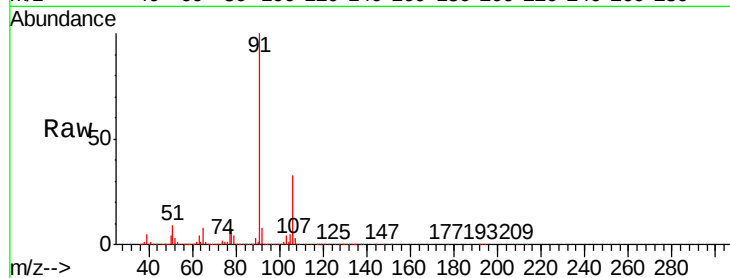
106 33.3 26.5 39.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 96.245 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006288.D

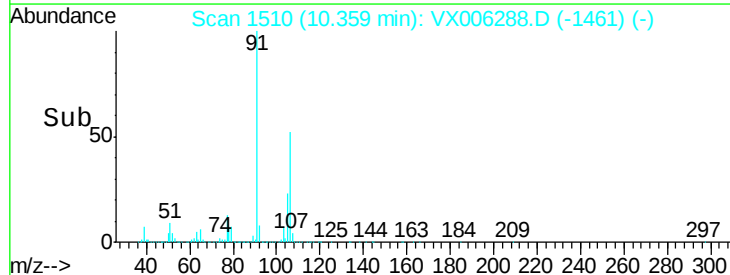
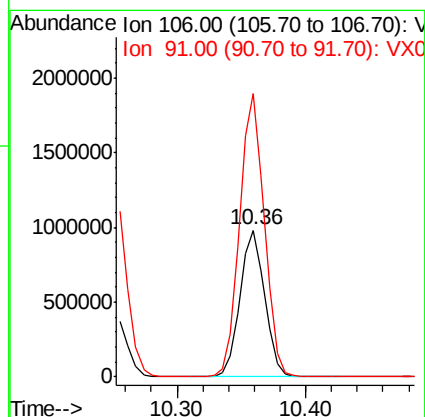
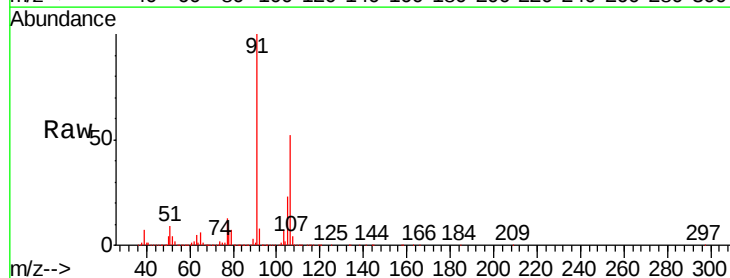
Acq: 04 Dec 2018 19:34

Tgt Ion: 106 Resp: 1297639

Ion Ratio Lower Upper

106 100

91 194.1 155.2 232.8





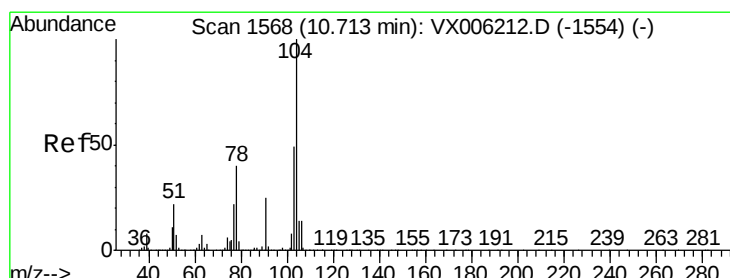
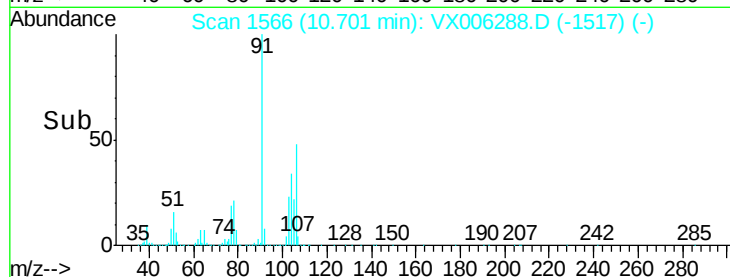
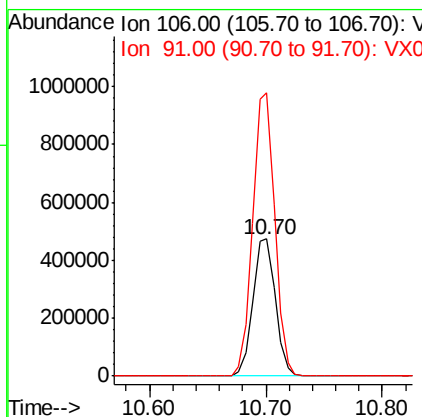
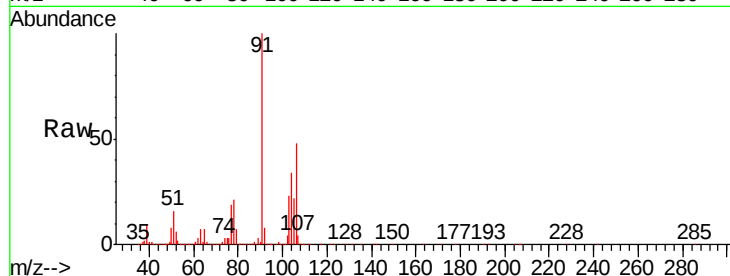
#69
o-Xylene
Concen: 47.945 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 638521
Ion Ratio Lower Upper
106 100
91 203.4 101.8 305.6

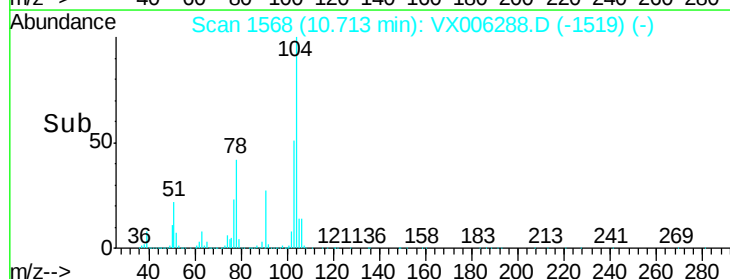
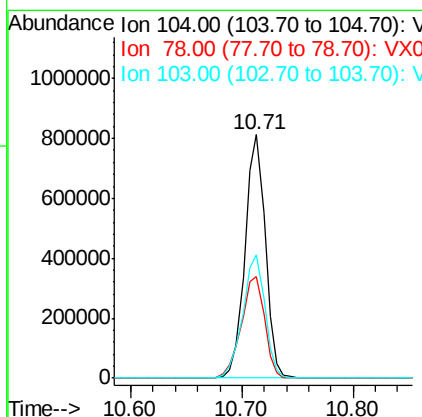
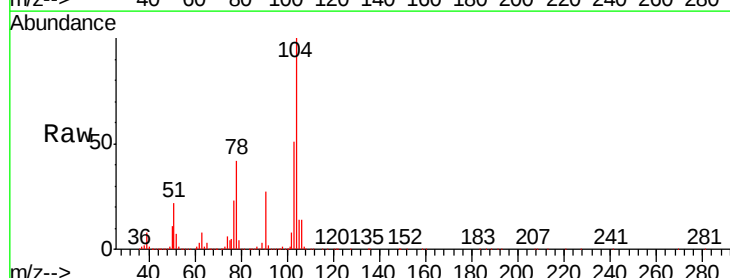
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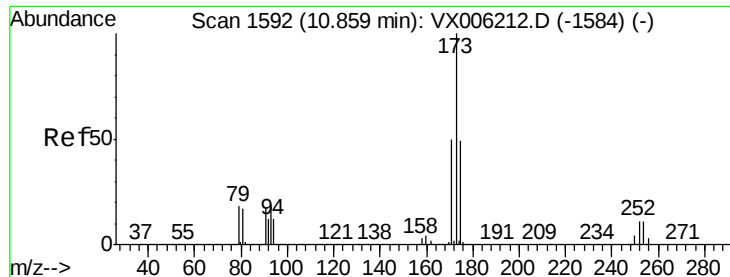
MMDadoda
12/5/2018 10:12:11 AM



#70
Styrene
Concen: 47.825 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion:104 Resp: 1030135
Ion Ratio Lower Upper
104 100
78 47.8 37.2 55.8
103 55.5 43.5 65.3





#71

Bromoform

Concen: 46.243 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 343238

Ion Ratio Lower Upper

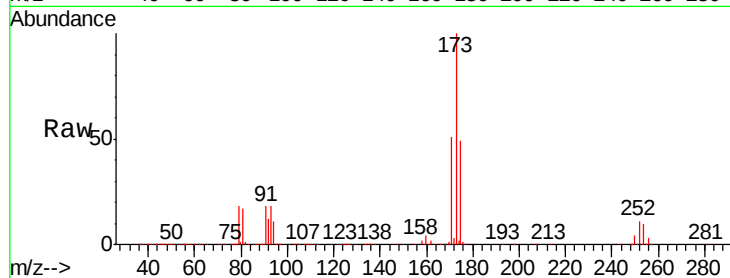
173 100

175 48.4 24.6 73.8

254 0.2 0.2 0.2

Manual Integrations
APPROVED

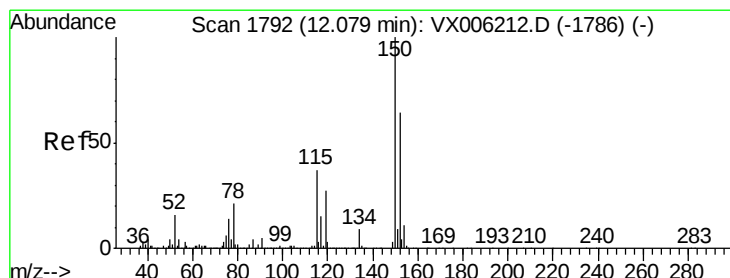
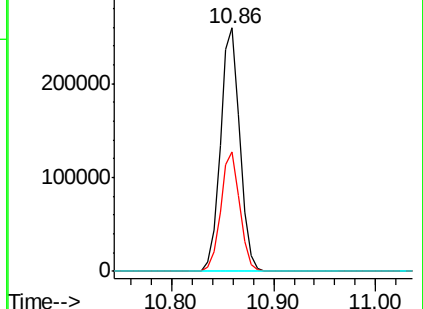
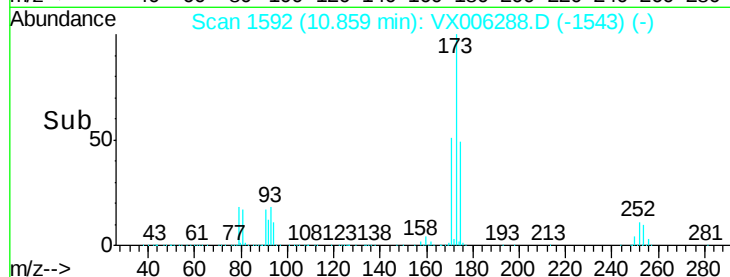
MMDadoda
12/5/2018 10:12:11 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

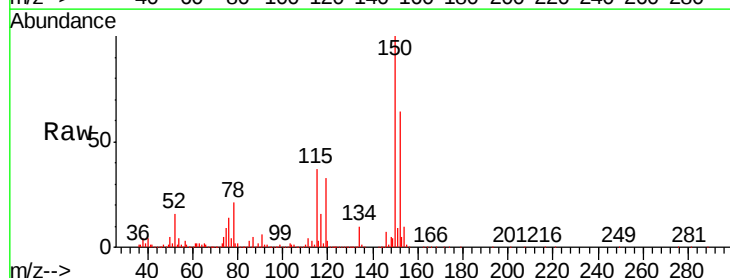
Tgt Ion:152 Resp: 478882

Ion Ratio Lower Upper

152 100

115 77.9 39.0 116.9

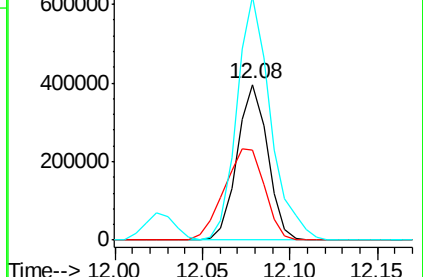
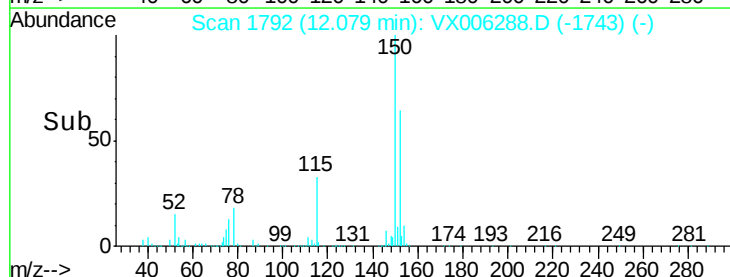
150 173.6 0.0 345.8

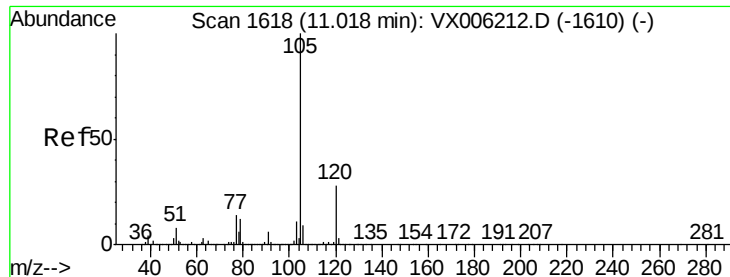


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.137 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1691171

Ion Ratio Lower Upper

105 100

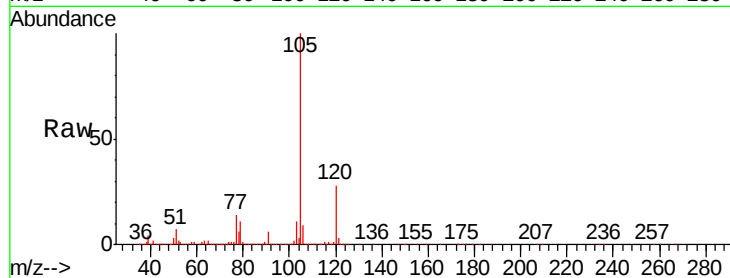
120 28.1 14.1 42.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

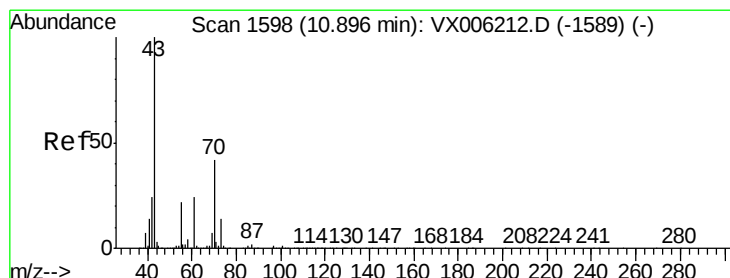
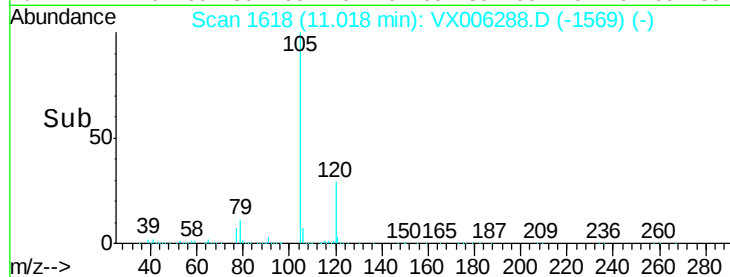
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 46.650 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion: 43 Resp: 664349

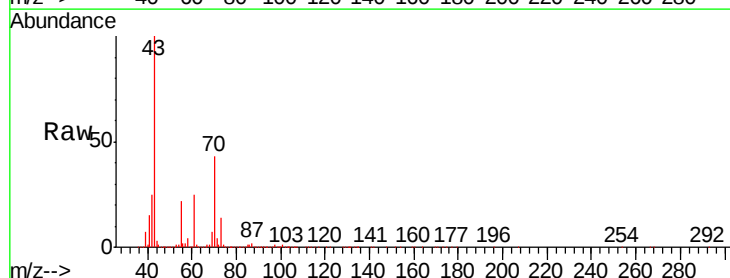
Ion Ratio Lower Upper

43 100

70 44.2 34.1 51.1

55 23.2 17.8 26.8

61 25.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800000

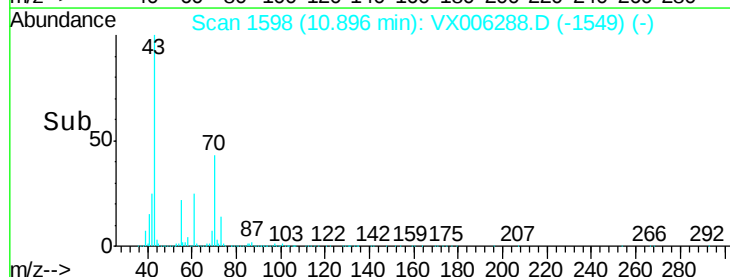
600000

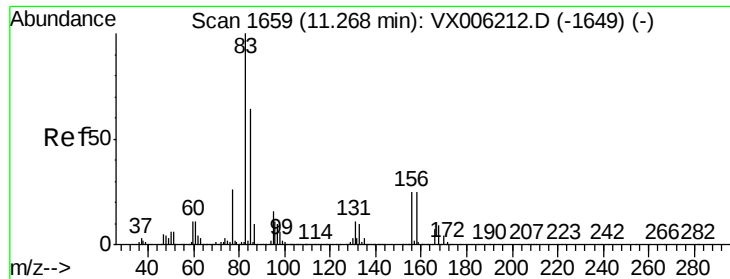
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.243 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 520995

Ion Ratio Lower Upper

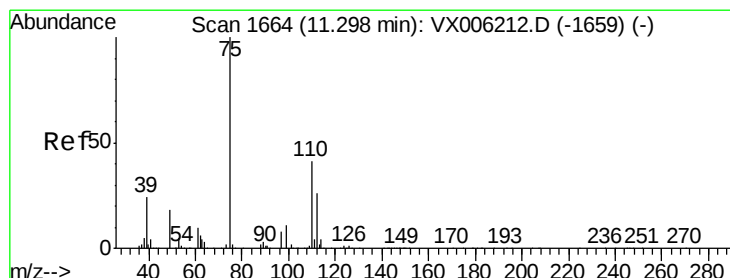
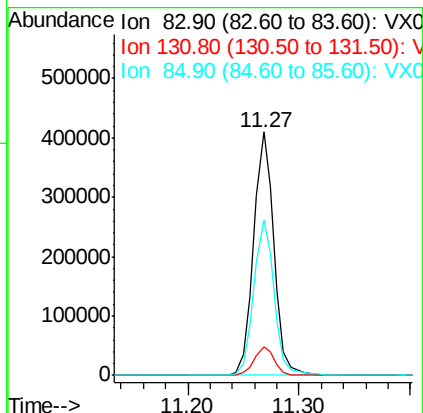
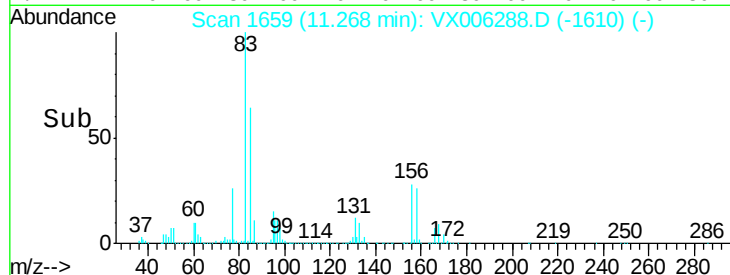
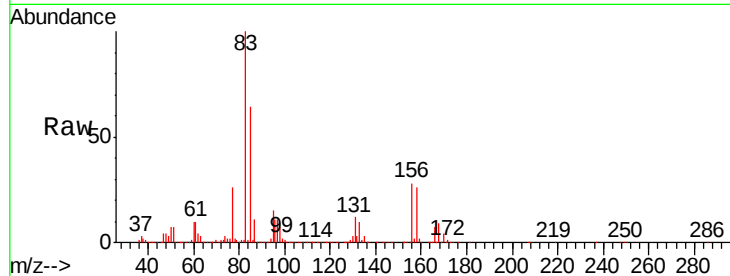
83 100

131 11.6 5.7 17.1

85 64.2 32.1 96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.769 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006288.D

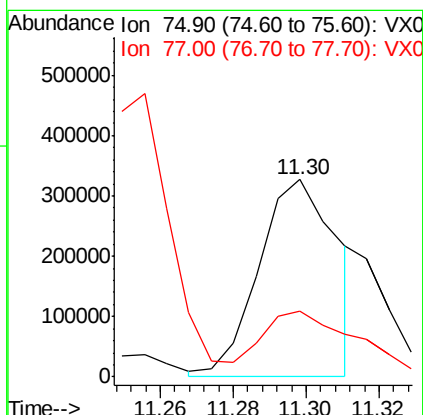
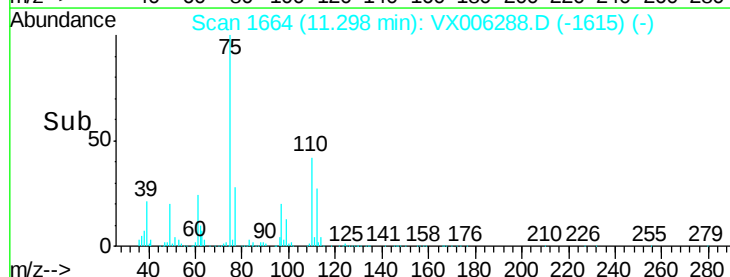
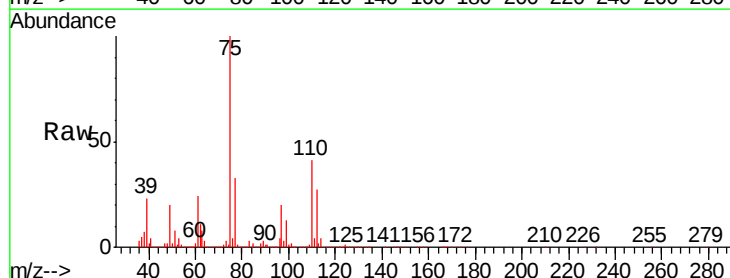
Acq: 04 Dec 2018 19:34

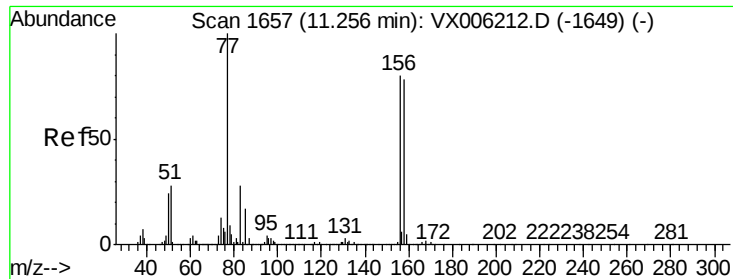
Tgt Ion: 75 Resp: 487753

Ion Ratio Lower Upper

75 100

77 40.3 19.9 59.7





#77

Bromobenzene

Concen: 49.929 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

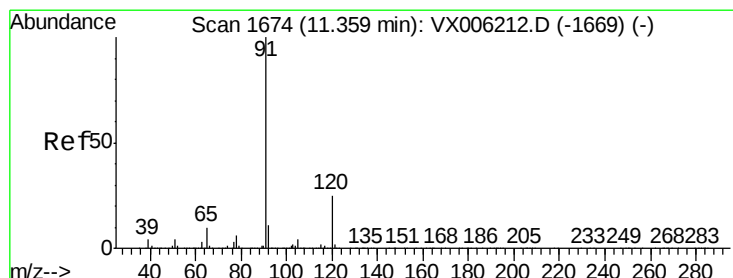
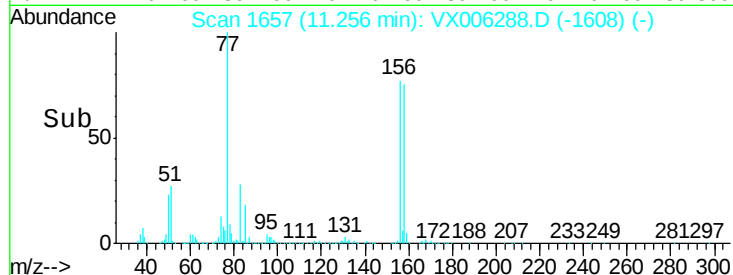
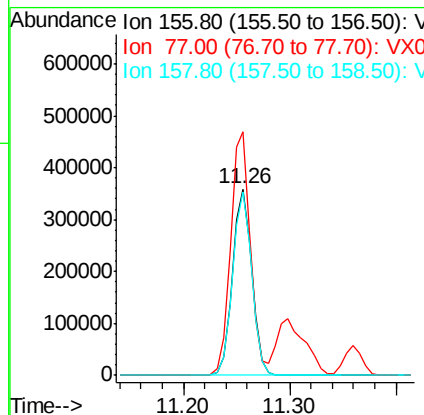
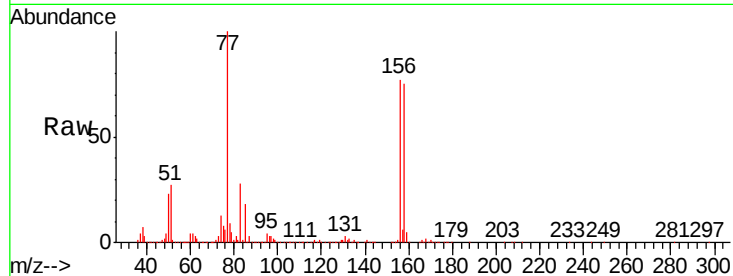
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	133.3	66.2	198.6
158	97.9	48.8	146.4

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#78

n-propylbenzene

Concen: 50.564 ug/l

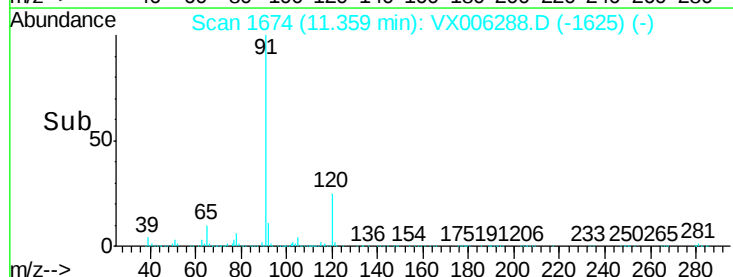
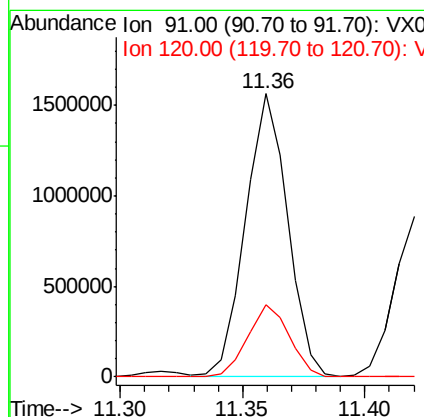
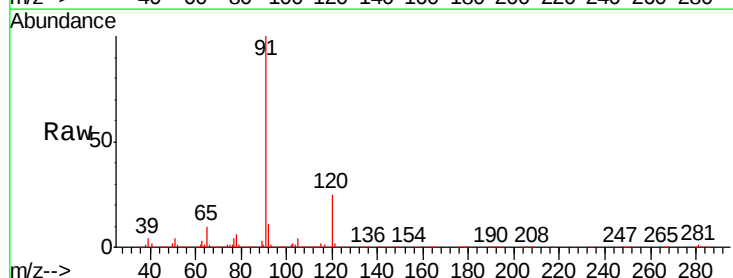
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.5	12.7	38.0





#79

2-Chlorotoluene

Concen: 49.804 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1088207

Ion Ratio Lower Upper

91 100

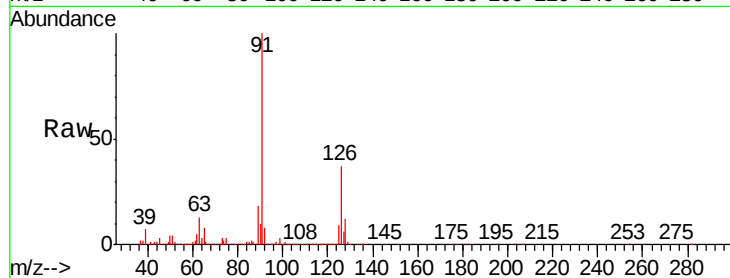
126 37.6 18.6 56.0

Manual Integrations

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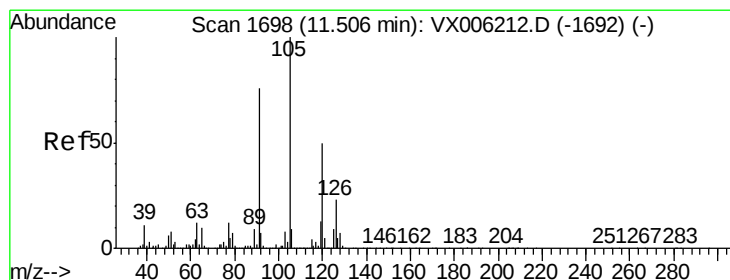
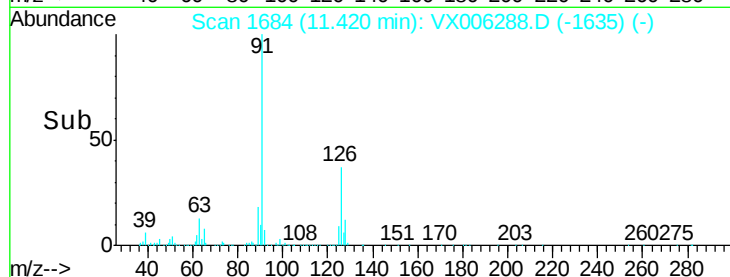
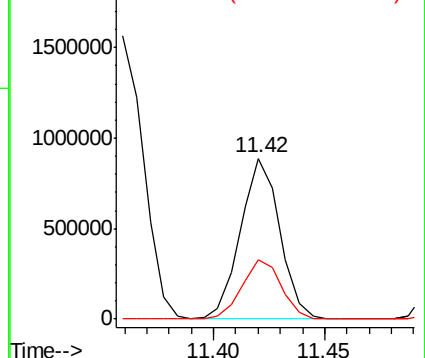
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.528 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006288.D

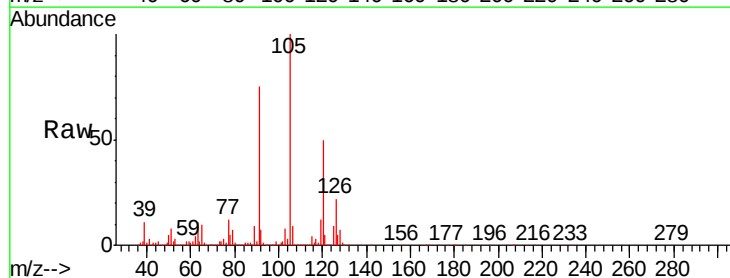
Acq: 04 Dec 2018 19:34

Tgt Ion: 105 Resp: 1390338

Ion Ratio Lower Upper

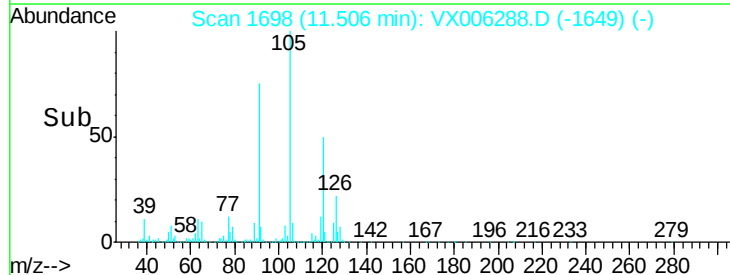
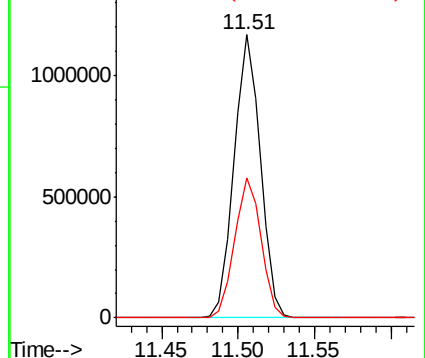
105 100

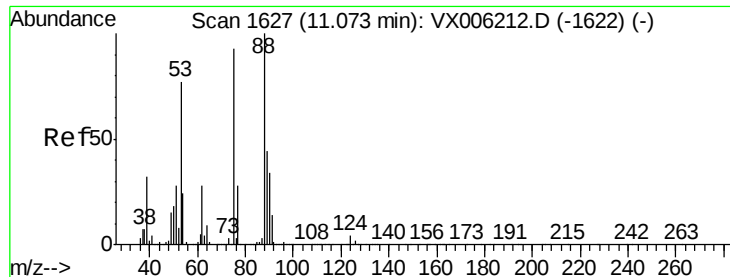
120 49.8 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.553 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

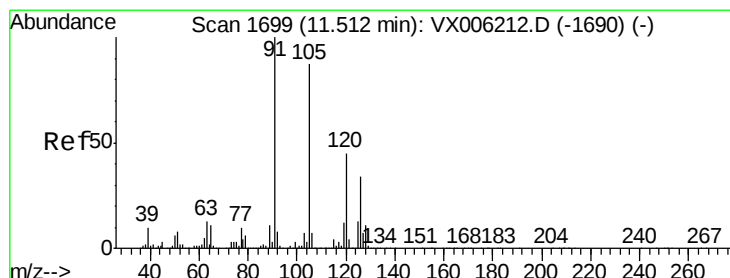
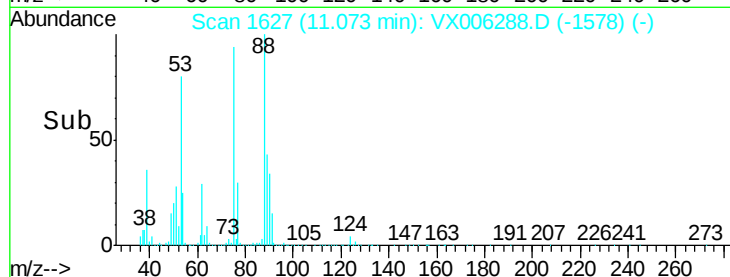
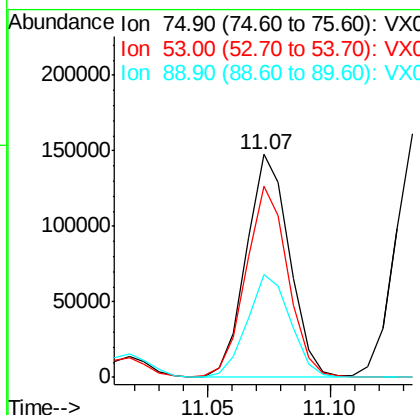
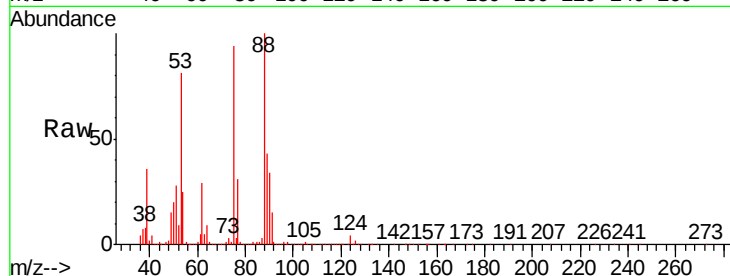
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	179422
Ion Ratio	Lower	Upper	
75	100		
53	83.6	64.4	96.6
89	46.5	44.2	66.4

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#82

4-Chlorotoluene

Concen: 49.404 ug/l

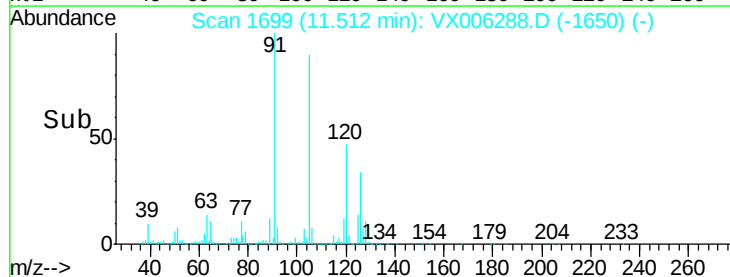
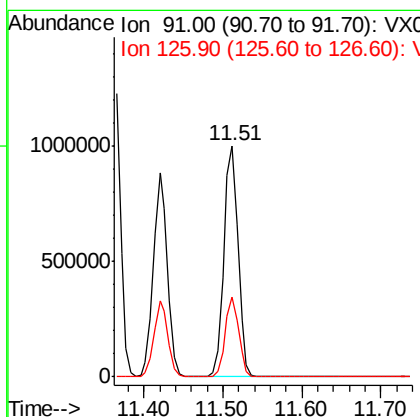
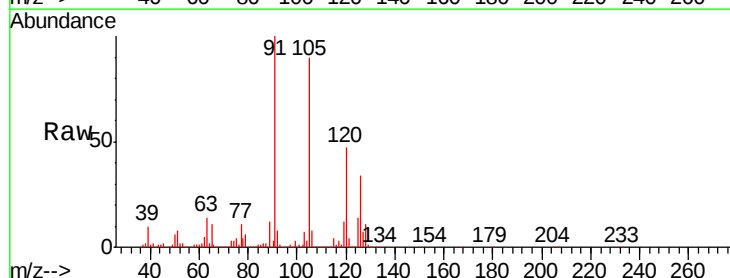
RT: 11.51 min Scan# 1699

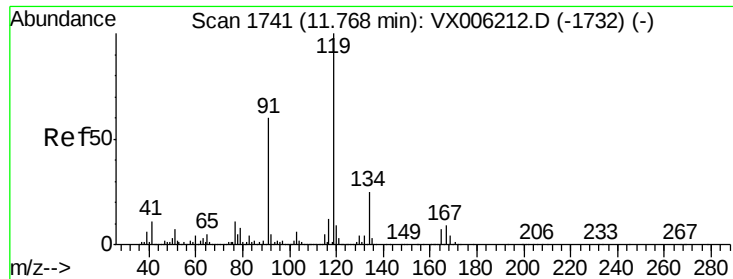
Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion:	91	Resp:	1255051
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.4	49.4





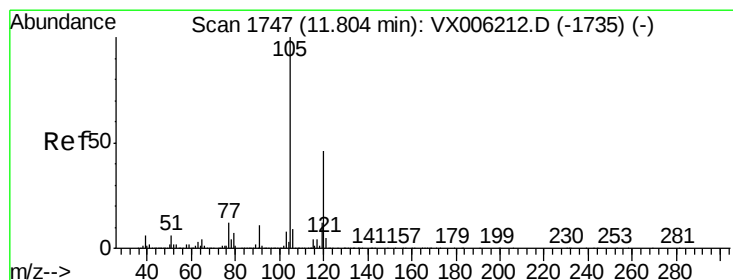
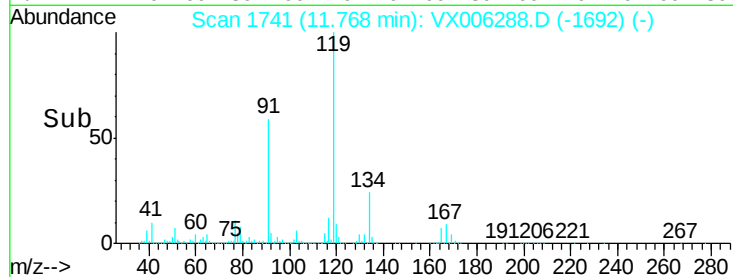
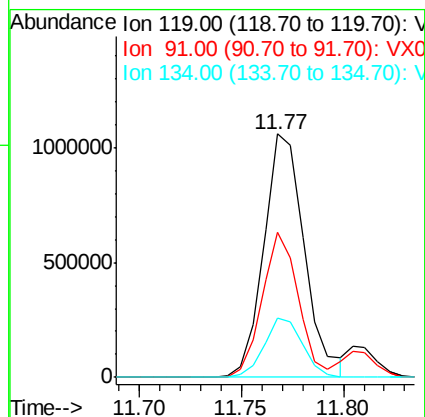
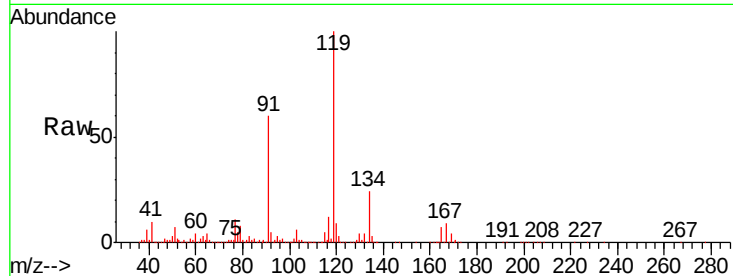
#83
 tert-Butylbenzene
 Concen: 50.112 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	53.2	26.4	79.2
134	23.2	11.6	34.7

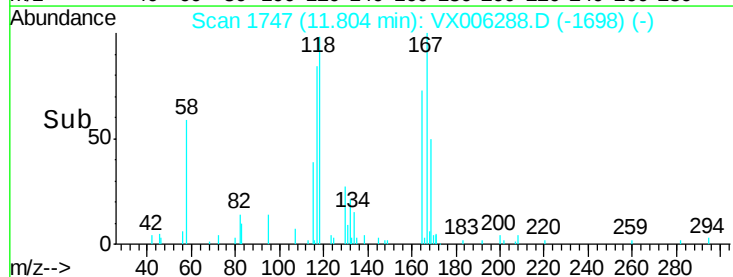
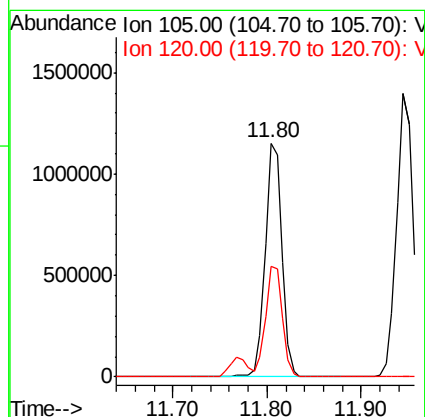
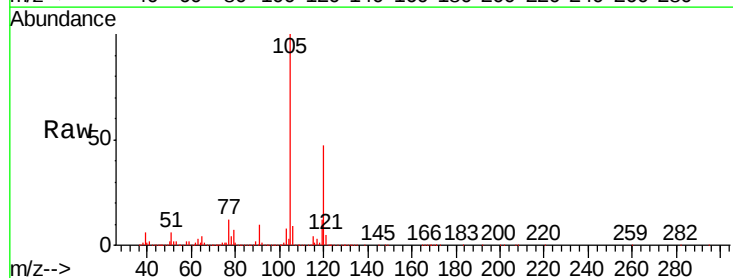
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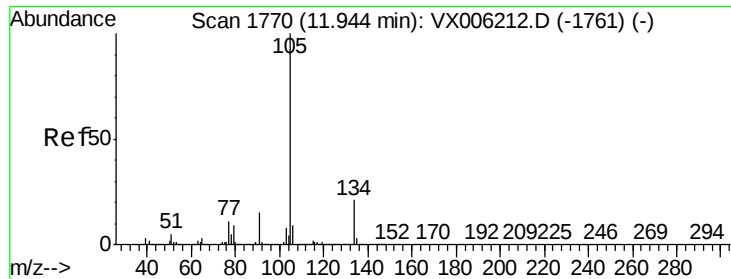
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.719 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.4	70.0





#85

sec-Butylbenzene

Concen: 51.173 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1709162

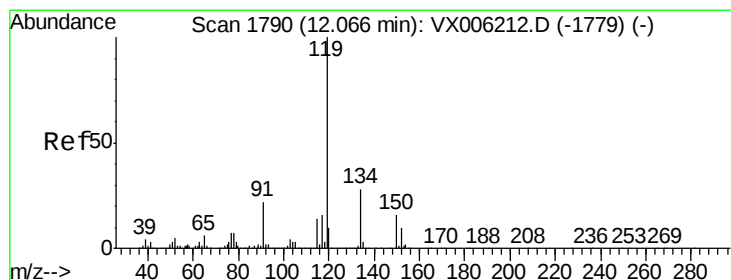
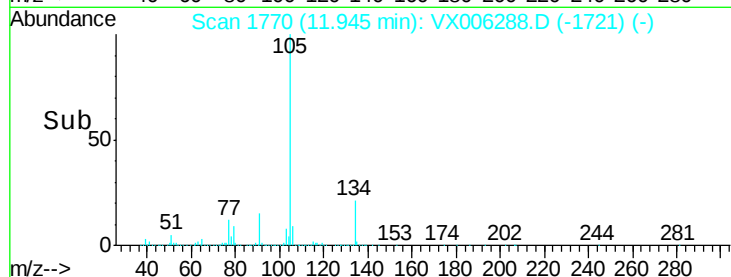
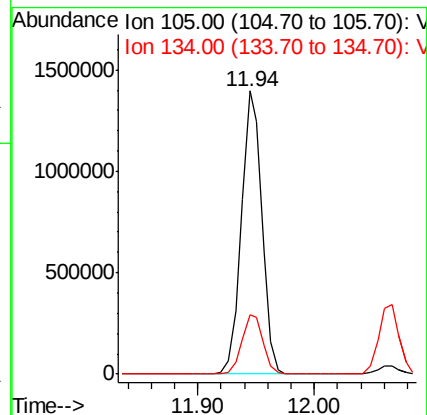
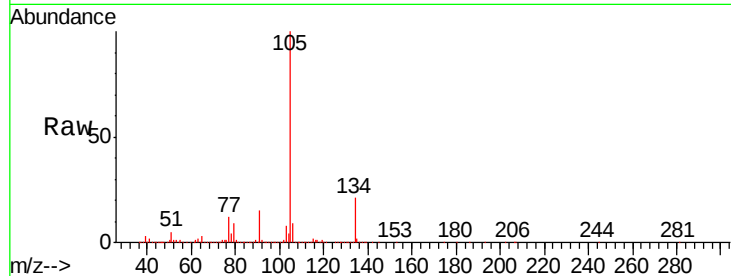
Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 50.128 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

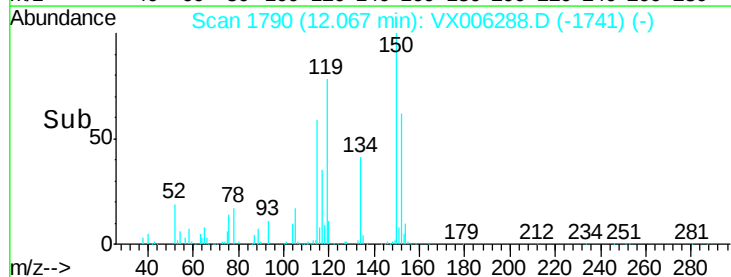
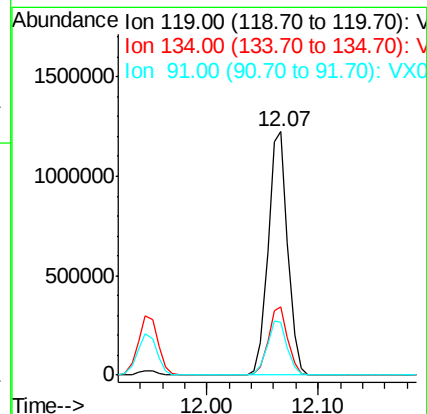
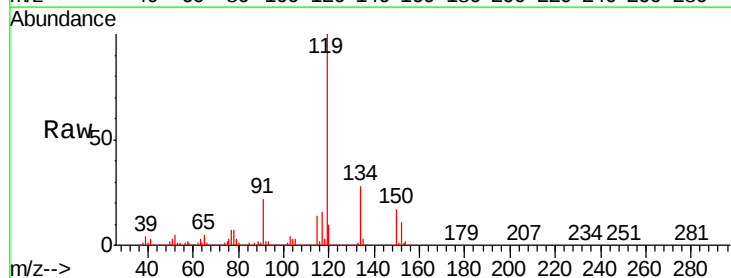
Tgt Ion:119 Resp: 1507610

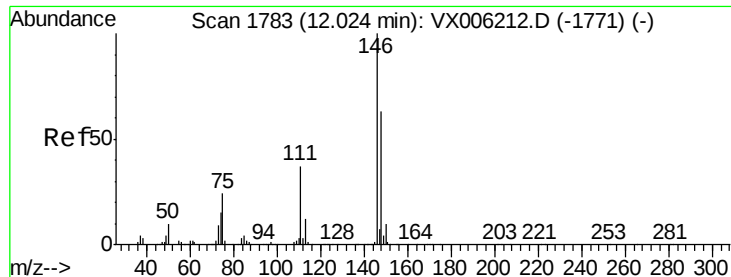
Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

91 22.5 11.3 33.8





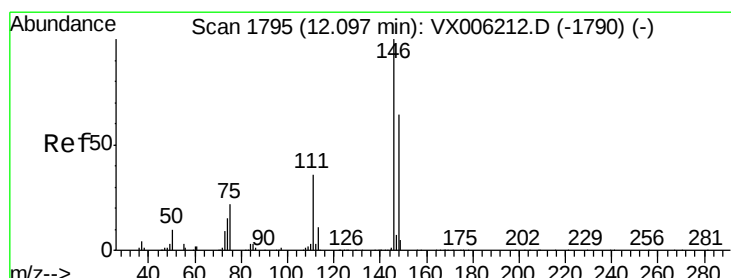
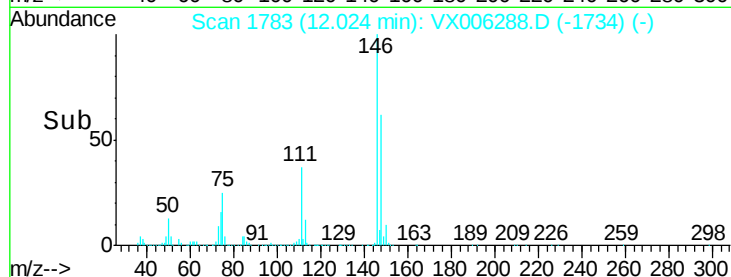
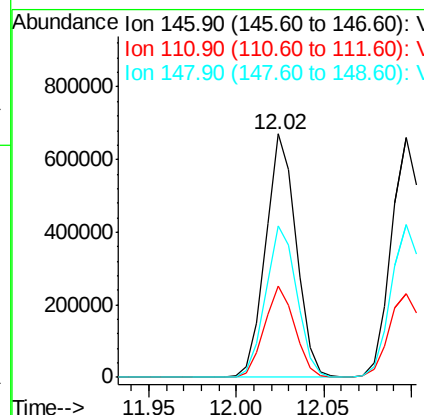
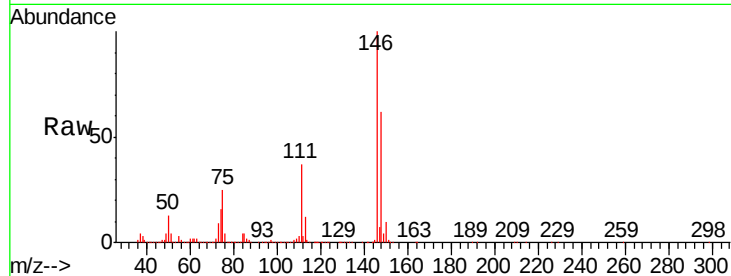
#87
 1,3-Dichlorobenzene
 Concen: 49.863 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.2
148	63.5	32.0	96.0

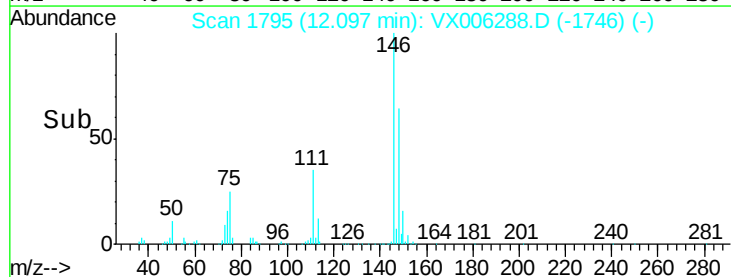
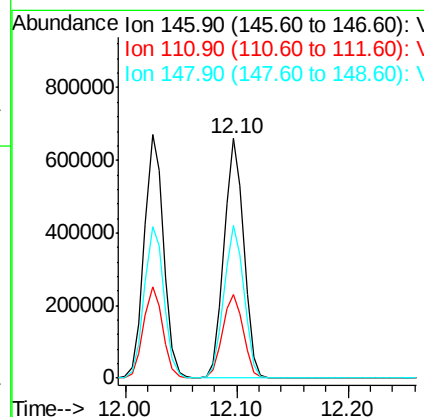
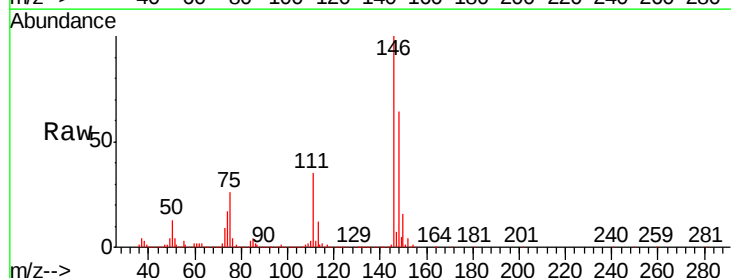
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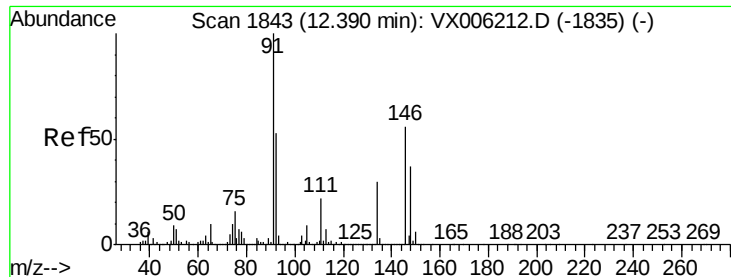
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#88
 1,4-Dichlorobenzene
 Concen: 48.855 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.3	54.8
148	64.7	31.9	95.9





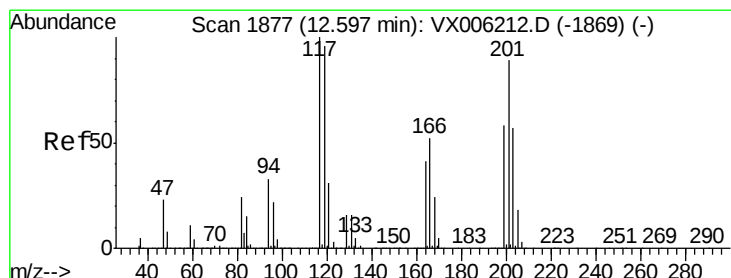
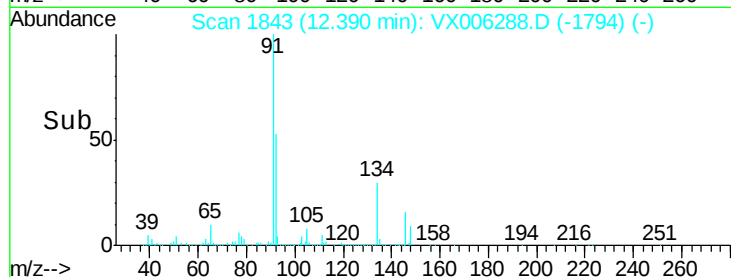
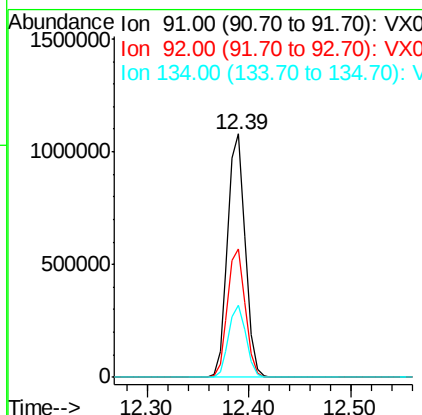
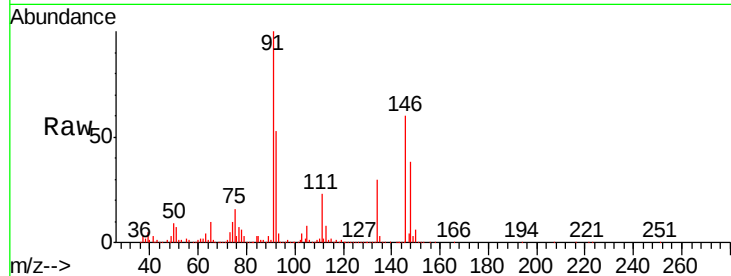
#89
n-Butylbenzene
Concen: 50.025 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1283699
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 29.3 14.8 44.3

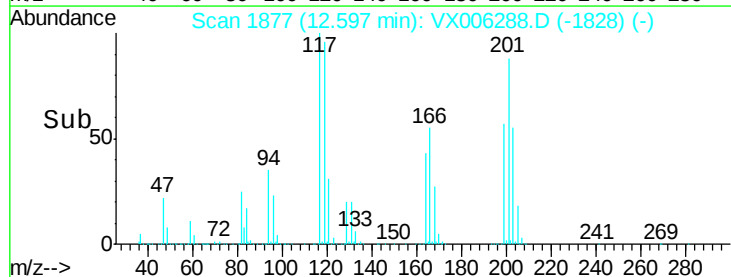
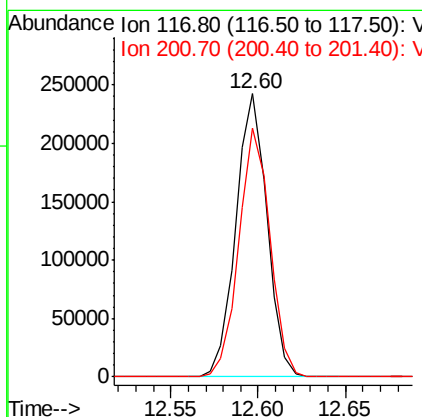
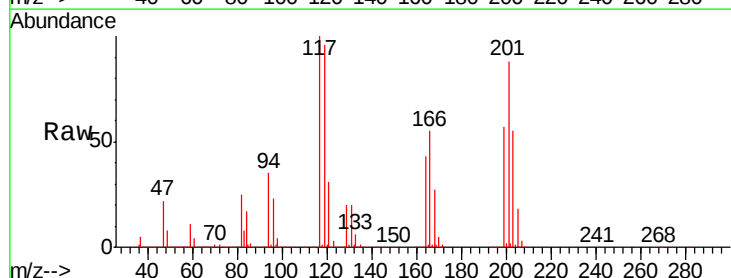
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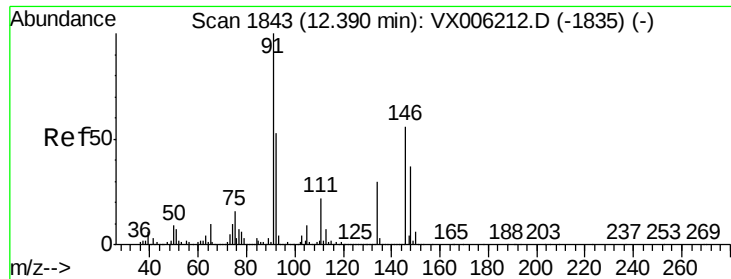
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#90
Hexachloroethane
Concen: 48.883 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006288.D
Acq: 04 Dec 2018 19:34

Tgt Ion: 117 Resp: 299634
Ion Ratio Lower Upper
117 100
201 88.0 44.7 134.1





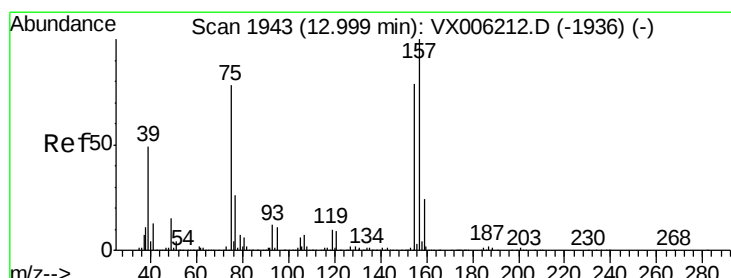
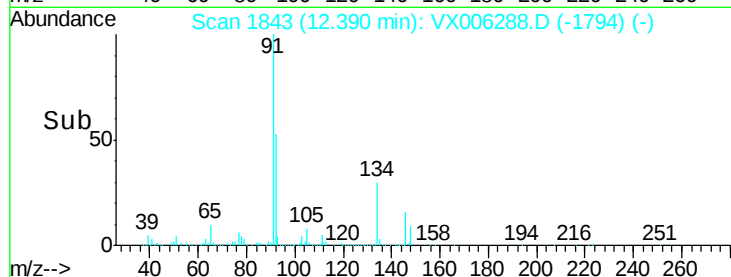
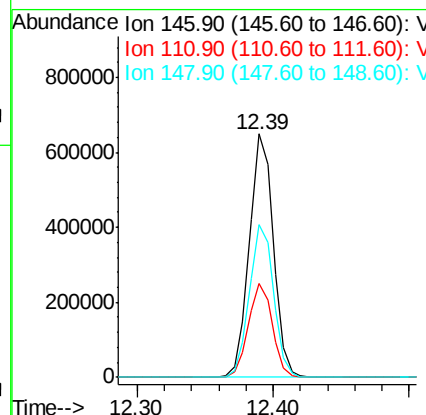
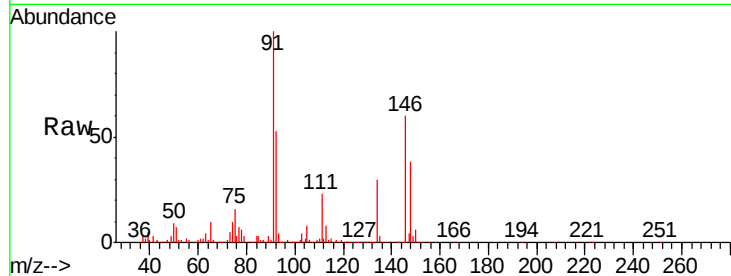
#91
 1,2-Dichlorobenzene
 Concen: 49.470 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	801786		
111	38.5	19.1	57.3	
148	63.4	32.1	96.3	

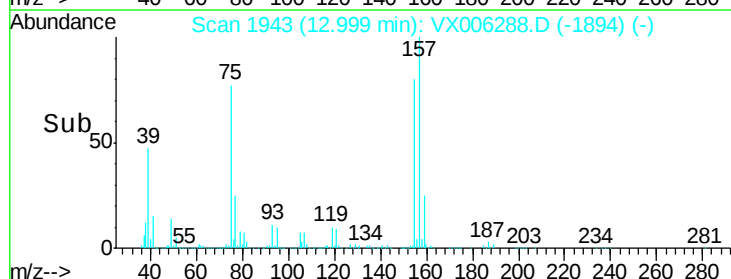
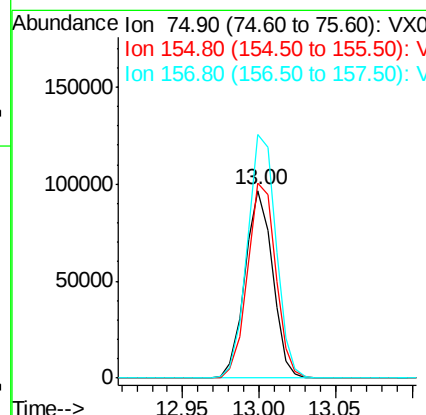
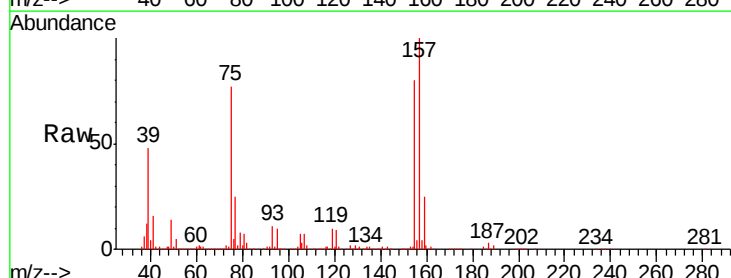
Manual Integrations
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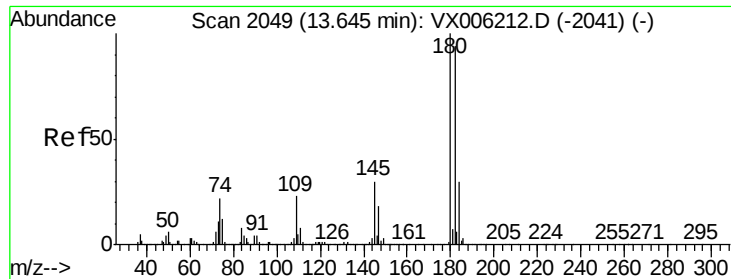
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.948 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	121904		
155	105.5	53.4	160.3	
157	134.5	68.0	203.8	





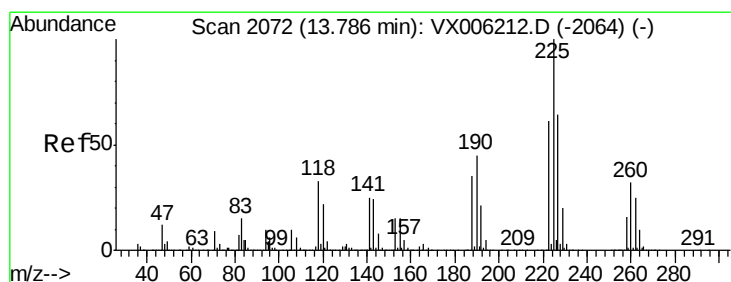
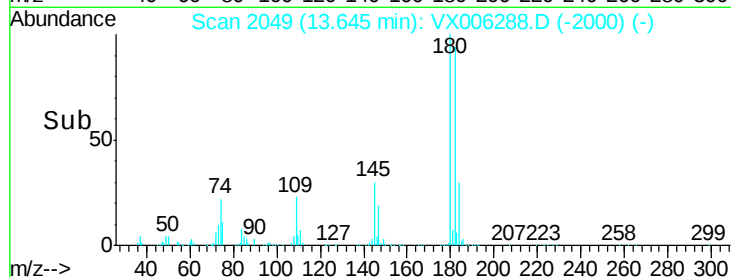
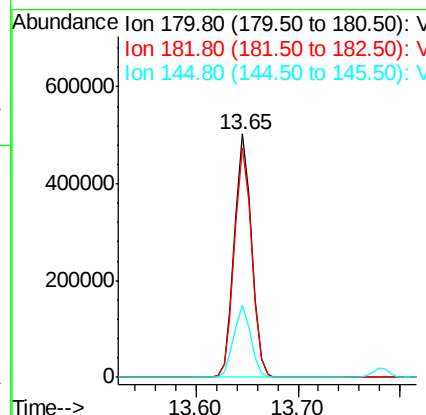
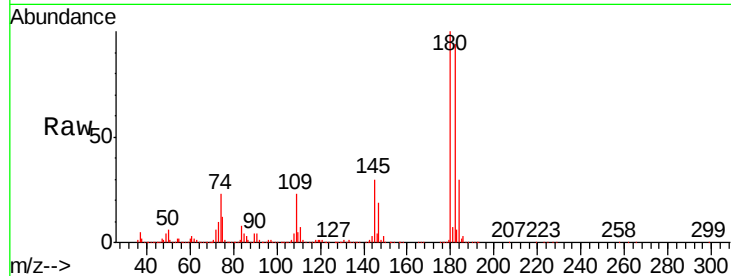
#93
 1,2,4-Trichlorobenzene
 Concen: 49.461 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.9
145	29.2	14.6	43.8

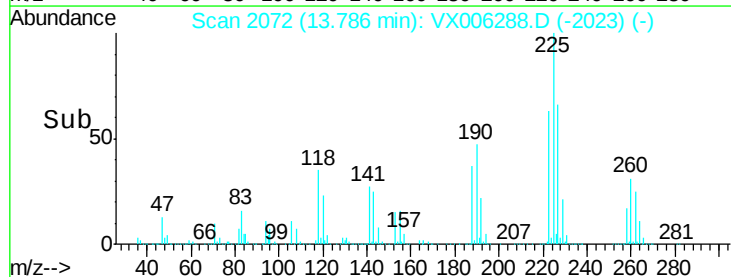
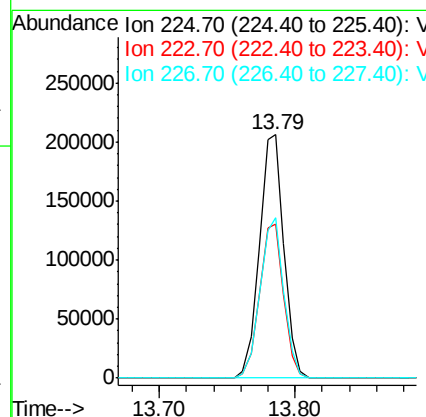
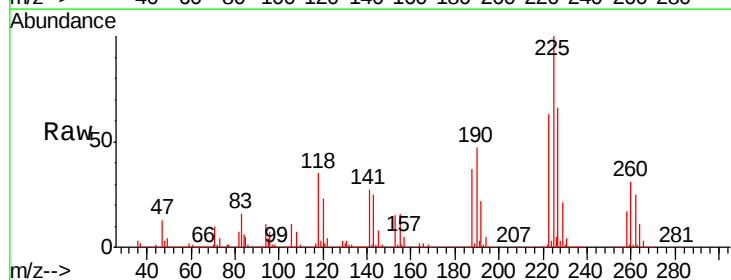
Manual Integrations
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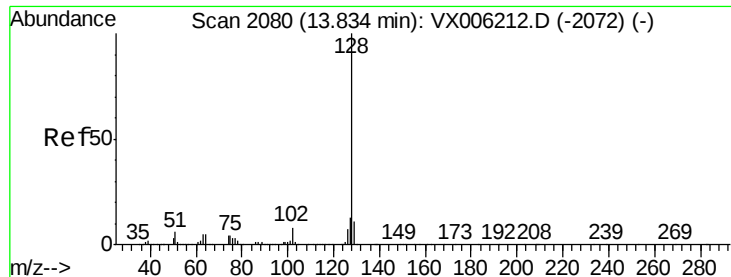
MMDadoda
 12/5/2018 10:12:11 AM



#94
 Hexachlorobutadiene
 Concen: 49.702 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006288.D
 Acq: 04 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.2	93.6
227	64.1	31.9	95.5





#95

Naphthalene

Concen: 50.157 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Instrument :

MSVOA_X

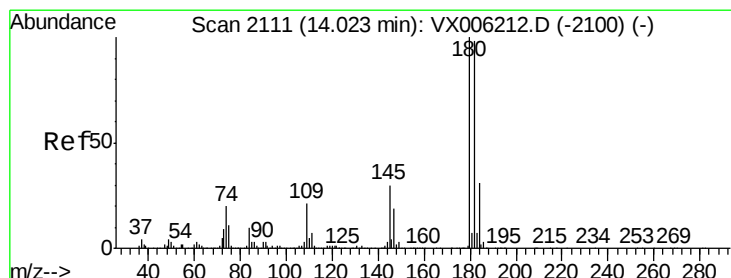
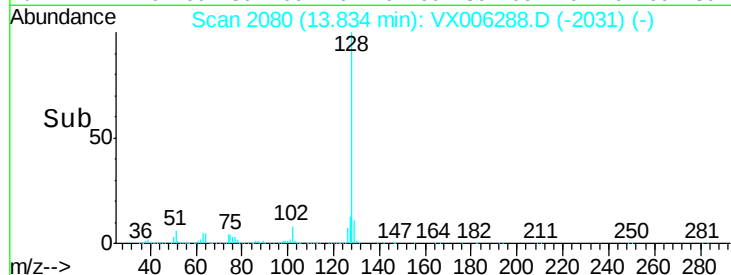
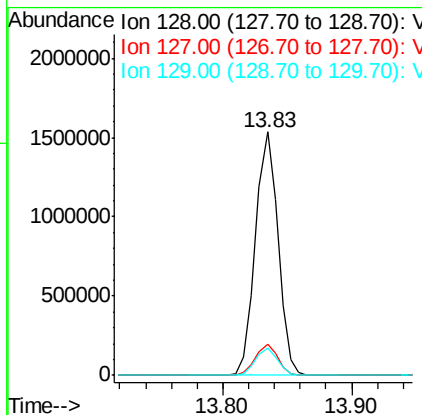
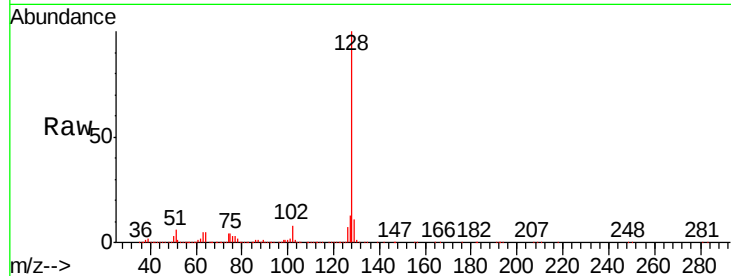
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	1844862
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/5/2018 10:12:11 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.935 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006288.D

Acq: 04 Dec 2018 19:34

Tgt Ion:	180	Resp:	584821
Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.2
145	31.6	15.6	46.8

