

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006333.D
 Acq On : 06 Dec 2018 21:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 11:19:35 AM

Quant Time: Dec 07 06:15:15 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	658952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	993444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	894224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	455020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	343495	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	5.51	113	328433	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	8.71	98	1180444	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	443171	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	331932	51.446	ug/l	99
3) Chloromethane	1.33	50	314953	47.502	ug/l	98
4) Vinyl Chloride	1.41	62	346072	48.497	ug/l	98
5) Bromomethane	1.64	94	267244	54.038	ug/l	100
6) Chloroethane	1.71	64	219162	50.090	ug/l	96
7) Trichlorofluoromethane	1.93	101	542368	49.514	ug/l	99
8) Diethyl Ether	2.19	74	208890	50.388	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	309733	49.728	ug/l	100
10) Methyl Iodide	2.51	142	439582	46.830	ug/l	99
11) Tert butyl alcohol	3.08	59	416575	226.444	ug/l	100
12) 1,1-Dichloroethene	2.37	96	291846	48.946	ug/l	94
13) Acrolein	2.30	56	207374	206.244	ug/l	100
14) Allyl chloride	2.73	41	533532	45.297	ug/l	98
15) Acrylonitrile	3.15	53	909571	236.936	ug/l	99
16) Acetone	2.45	43	752534	238.380	ug/l	98
17) Carbon Disulfide	2.57	76	809231	44.044	ug/l	100
18) Methyl Acetate	2.78	43	521268	49.376	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	1059330	49.802	ug/l	99
20) Methylene Chloride	2.86	84	323210	48.107	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	309003	48.630	ug/l	99
22) Diisopropyl ether	3.87	45	928690	50.479	ug/l	98
23) Vinyl Acetate	3.82	43	3859500	245.960	ug/l	100
24) 1,1-Dichloroethane	3.70	63	536620	51.031	ug/l	98
25) 2-Butanone	4.70	43	1092365	242.511	ug/l	97
26) 2,2-Dichloropropane	4.59	77	425666	43.862	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	367390	51.835	ug/l	97
28) Bromochloromethane	5.02	49	237497	51.707	ug/l	99
29) Tetrahydrofuran	5.15	42	746664	238.509	ug/l	99
30) Chloroform	5.21	83	565283	51.154	ug/l	100
31) Cyclohexane	5.57	56	458024	47.131	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	519466	49.406	ug/l	99
36) 1,1-Dichloropropene	5.80	75	405926	48.522	ug/l	100
37) Ethyl Acetate	4.85	43	434043	46.329	ug/l	98
38) Carbon Tetrachloride	5.78	117	472100	47.969	ug/l	99

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Quant Time: Dec 07 06:15:15 2018
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 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)
39) Methylcyclohexane	7.46	83	511098	47.066	ug/l	96
40) Benzene	6.15	78	1247258	49.778	ug/l	98
41) Methacrylonitrile	5.06	41	238717	46.307	ug/l	98
42) 1,2-Dichloroethane	6.20	62	414286	50.520	ug/l	100
43) Isopropyl Acetate	6.46	43	727300	46.561	ug/l	99
44) Trichloroethene	7.21	130	377228	49.696	ug/l	99
45) 1,2-Dichloropropane	7.52	63	312614	49.090	ug/l	96
46) Dibromomethane	7.66	93	227914	49.555	ug/l	99
47) Bromodichloromethane	7.90	83	431482	48.446	ug/l	100
48) Methyl methacrylate	7.77	41	356367	46.896	ug/l	97
49) 1,4-Dioxane	7.75	88	170271	909.132	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2123097	233.482	ug/l	99
52) Toluene	8.79	92	816381	49.524	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	483549	46.423	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	510652	47.213	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	340819	50.892	ug/l	99
56) Ethyl methacrylate	9.18	69	503954	48.136	ug/l	98
57) 1,3-Dichloropropane	9.37	76	537485	50.755	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	1276516	240.275	ug/l	99
59) 2-Hexanone	9.49	43	1580393	227.485	ug/l	99
60) Dibromochloromethane	9.59	129	400274	48.471	ug/l	100
61) 1,2-Dibromoethane	9.67	107	366653	48.964	ug/l	99
64) Tetrachloroethene	9.34	164	341913	50.772	ug/l	97
65) Chlorobenzene	10.14	112	964956	50.834	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	365048	49.496	ug/l	99
67) Ethyl Benzene	10.25	91	1554427	49.235	ug/l	100
68) m/p-Xylenes	10.36	106	1247507	98.643	ug/l	99
69) o-Xylene	10.70	106	615231	49.251	ug/l	100
70) Styrene	10.71	104	992766	49.137	ug/l	99
71) Bromoform	10.86	173	315609	45.332	ug/l	99
73) Isopropylbenzene	11.02	105	1638243	52.135	ug/l	100
74) N-amyl acetate	10.90	43	626360	46.289	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	497135	49.452	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	461785m	52.579	ug/l	
77) Bromobenzene	11.26	156	445623	51.101	ug/l	99
78) n-propylbenzene	11.36	91	1777444	50.886	ug/l	99
79) 2-Chlorotoluene	11.42	91	1054303	50.783	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1339257	51.224	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	162818	43.505	ug/l	93
82) 4-Chlorotoluene	11.51	91	1208409	50.063	ug/l	99
83) tert-Butylbenzene	11.77	119	1424372	51.061	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1384297	51.276	ug/l	99
85) sec-Butylbenzene	11.94	105	1642815	51.766	ug/l	99
86) p-Isopropyltoluene	12.07	119	1463836	51.225	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	788050	50.787	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	787965	50.032	ug/l	99
89) n-Butylbenzene	12.39	91	1227651	50.349	ug/l	100
90) Hexachloroethane	12.60	117	283954	48.754	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	777840	50.509	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	115691	44.894	ug/l	98

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ClientSampleId :
VSTDCCC050EC

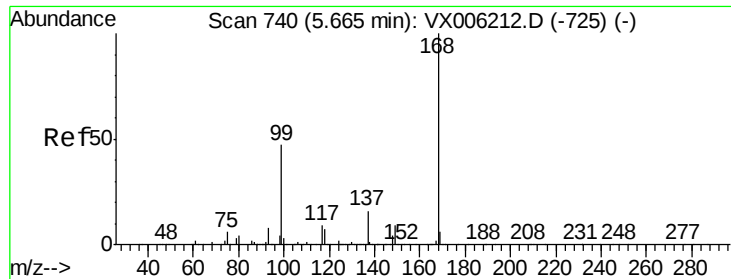
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	565491	50.332	ug/l	100
94) Hexachlorobutadiene	13.78	225	256456	51.615	ug/l	99
95) Naphthalene	13.83	128	1773742	50.753	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	570338	51.252	ug/l	98

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



#1

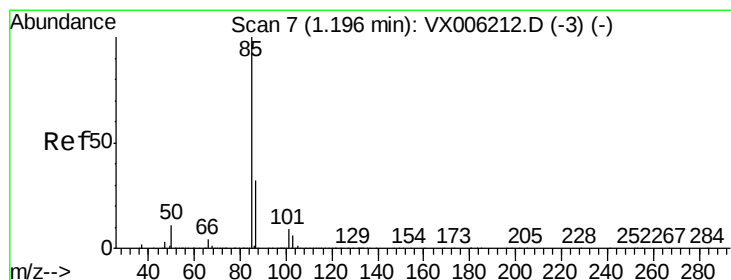
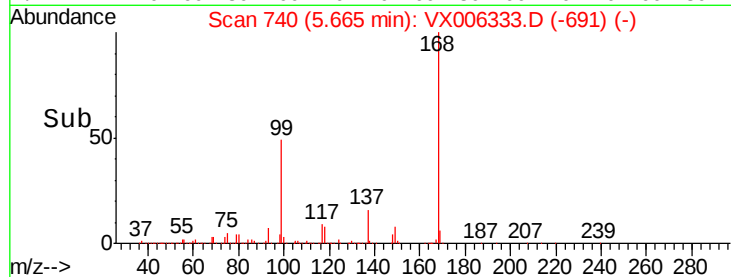
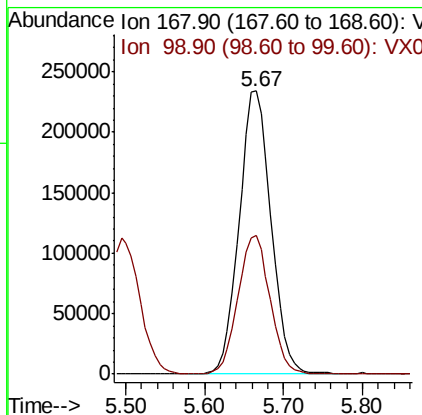
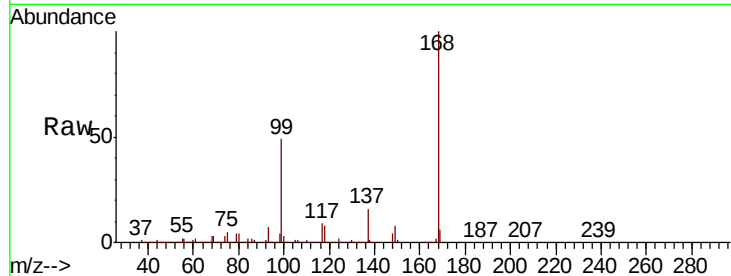
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.8	37.8	56.8

Manual Integrations
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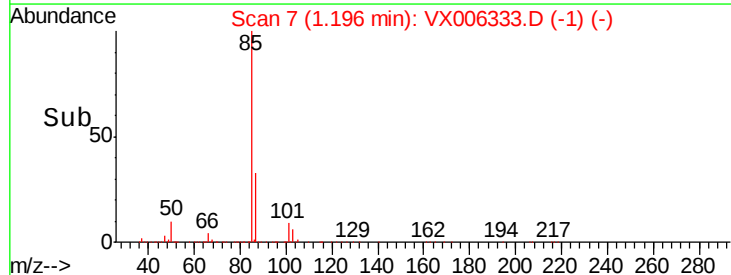
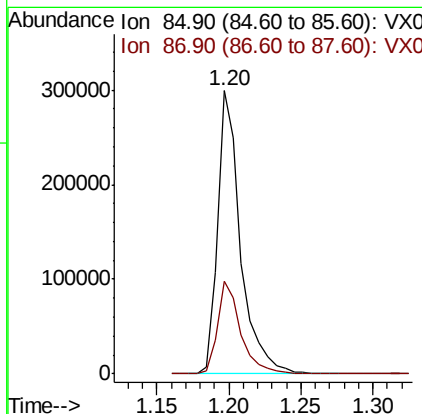
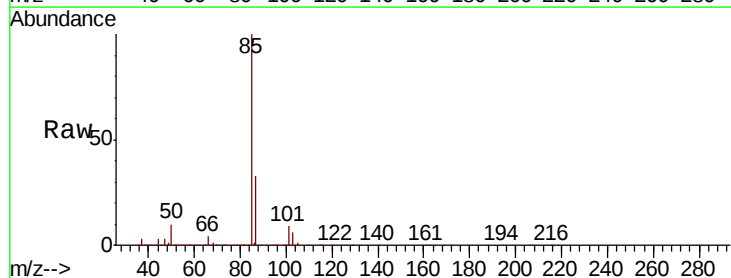
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#2

Dichlorodifluoromethane
Concen: 51.446 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.1	48.2





#3

Chloromethane

Concen: 47.502 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 314953

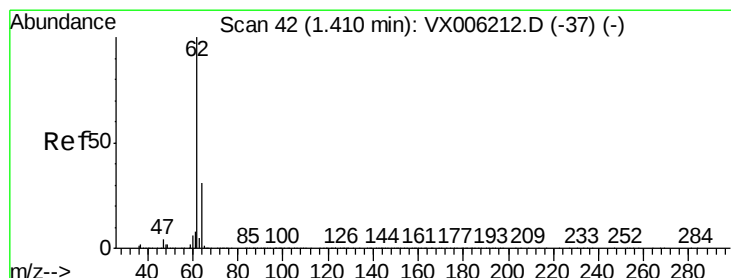
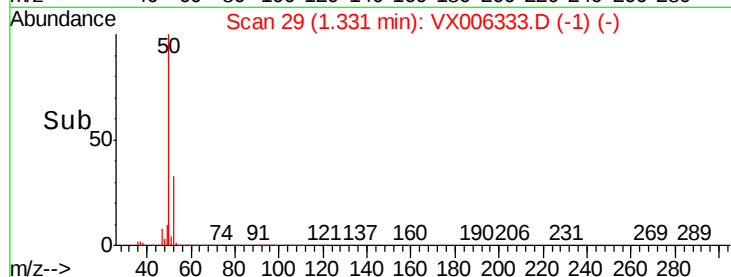
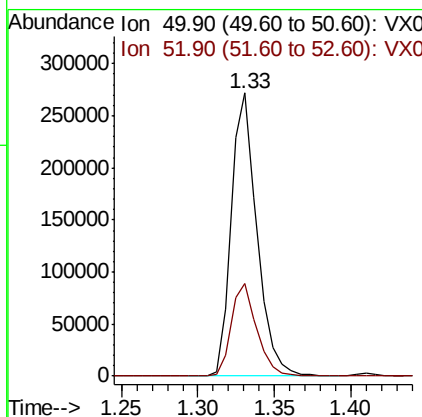
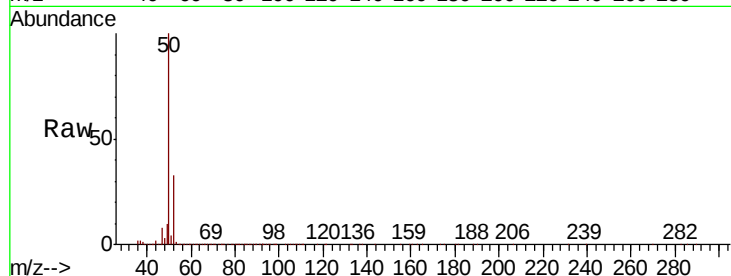
Ion Ratio Lower Upper

50 100

52 32.8 25.2 37.8

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#4

Vinyl Chloride

Concen: 48.497 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006333.D

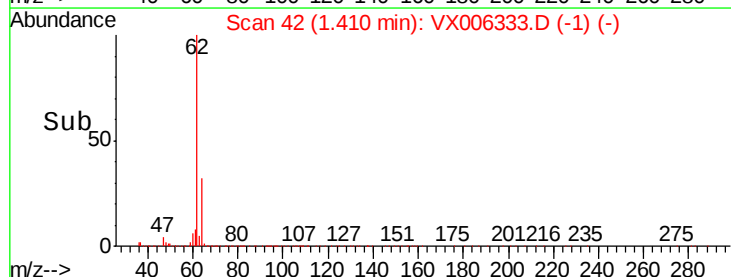
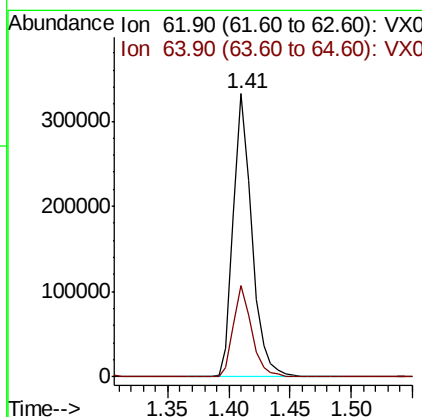
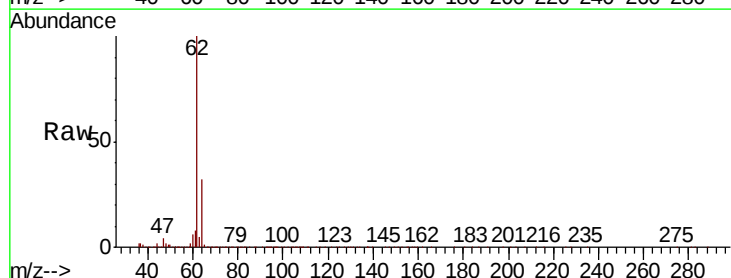
Acq: 06 Dec 2018 21:50

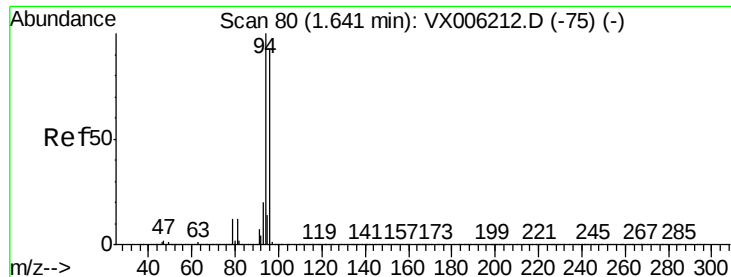
Tgt Ion: 62 Resp: 346072

Ion Ratio Lower Upper

62 100

64 32.3 24.9 37.3





#5

Bromomethane

Concen: 54.038 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 267244

Ion Ratio Lower Upper

94 100

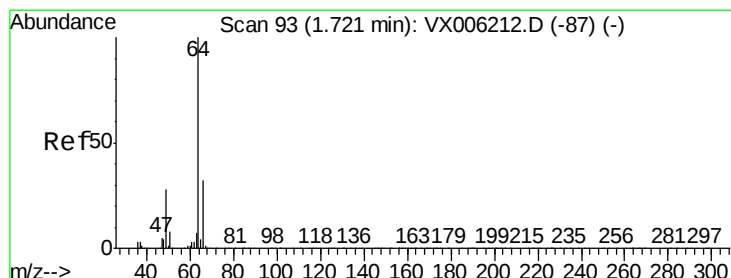
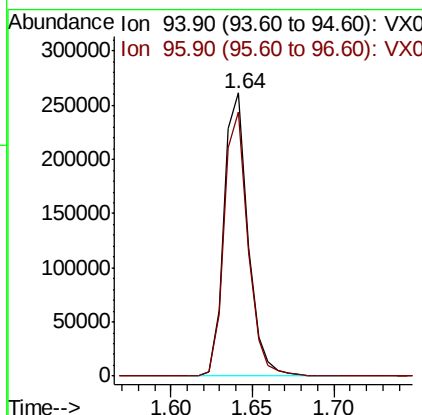
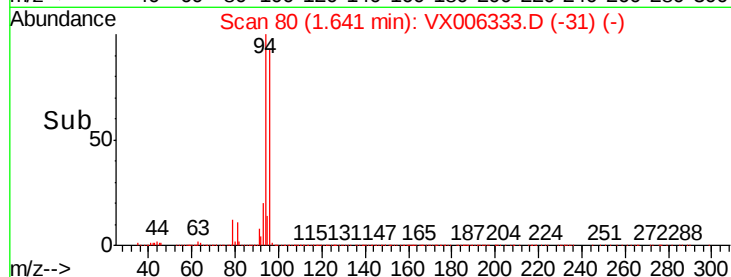
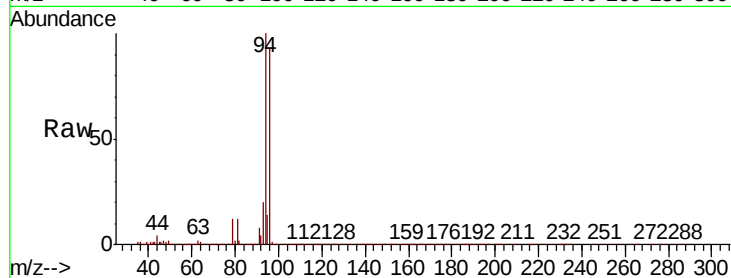
96 93.2 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 50.090 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006333.D

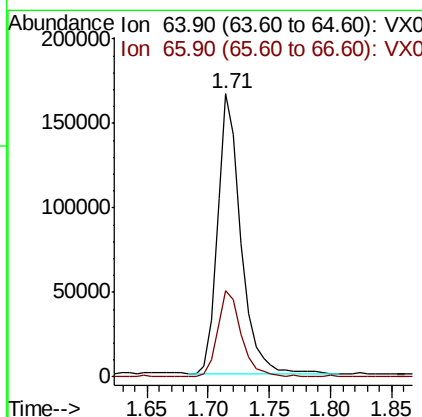
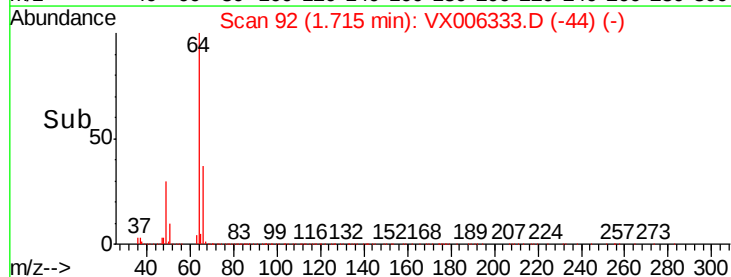
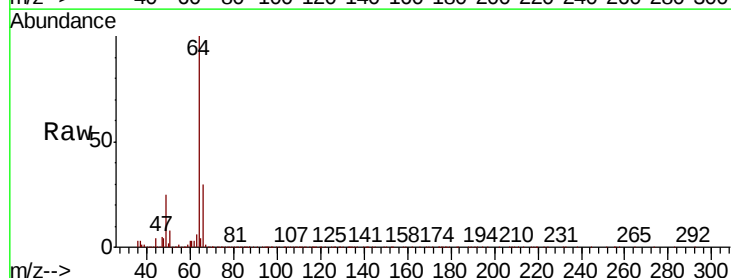
Acq: 06 Dec 2018 21:50

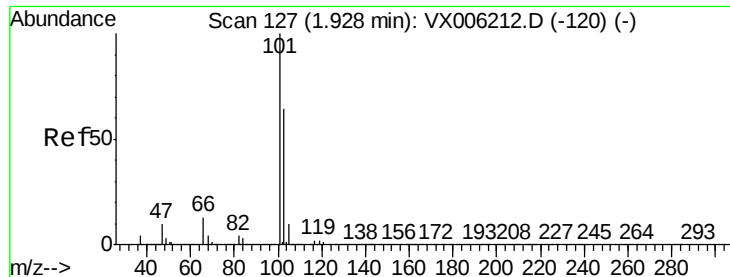
Tgt Ion: 64 Resp: 219162

Ion Ratio Lower Upper

64 100

66 30.4 25.9 38.9





#7

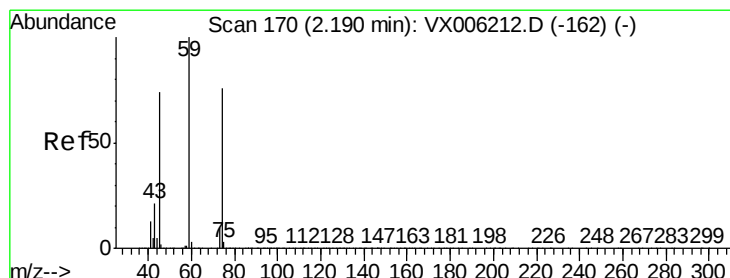
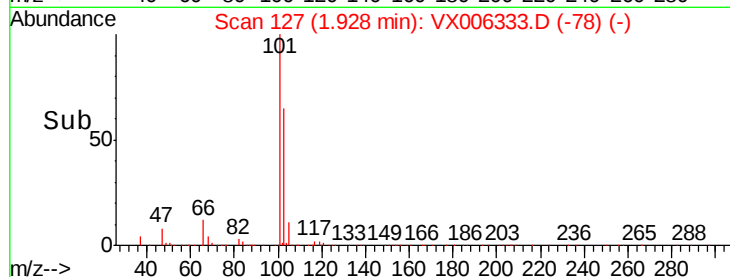
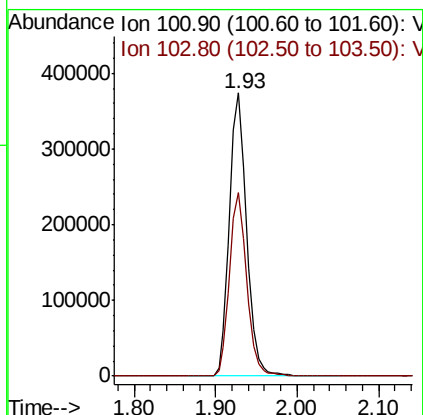
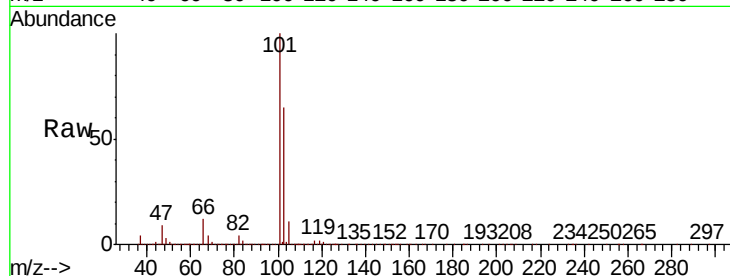
Trichlorofluoromethane
Concen: 49.514 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.4

Manual Integrations
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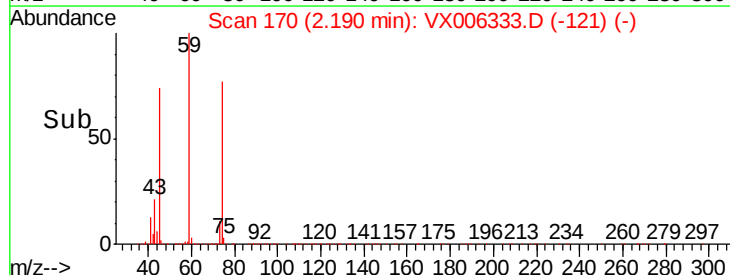
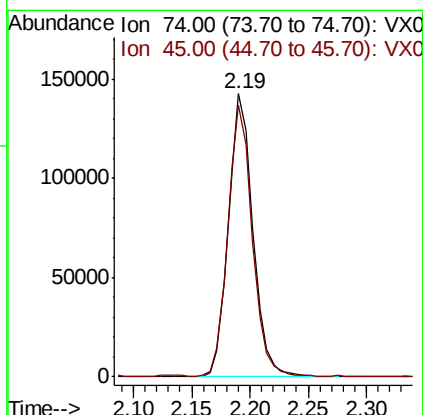
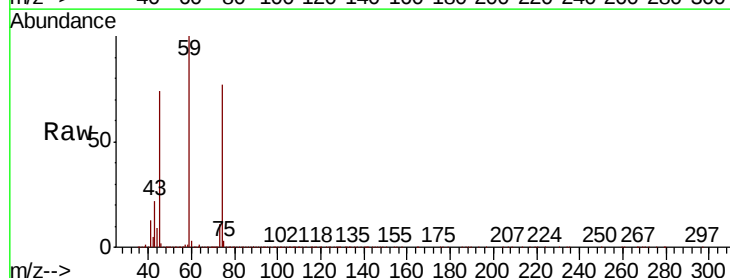
MMDadoda
12/7/2018 11:19:35 AM

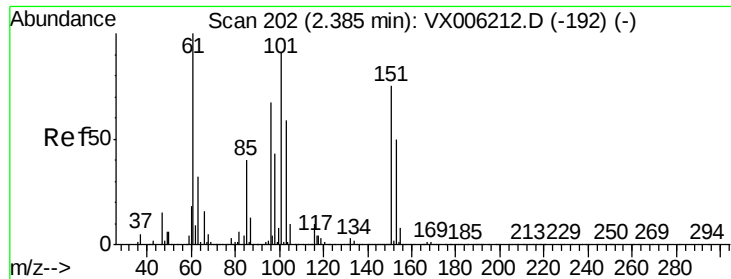


#8

Diethyl Ether
Concen: 50.388 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.728 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

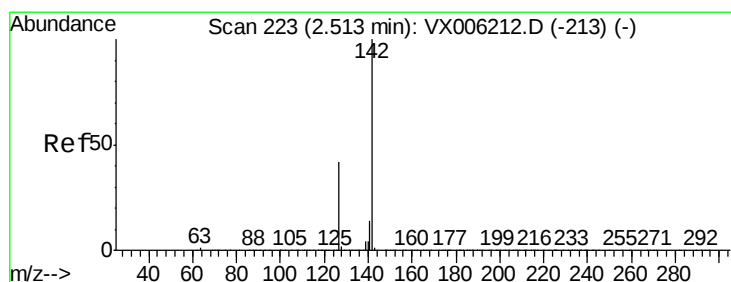
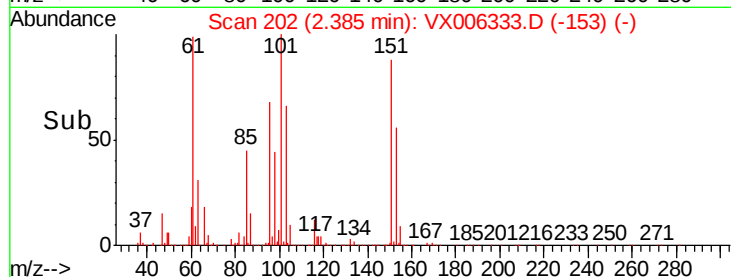
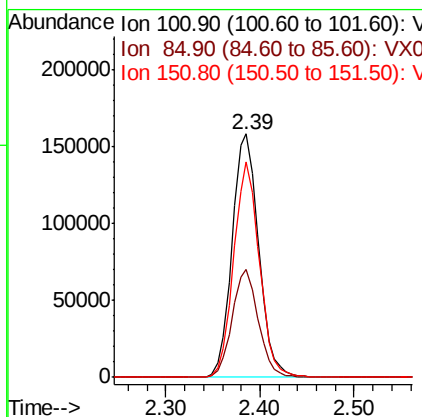
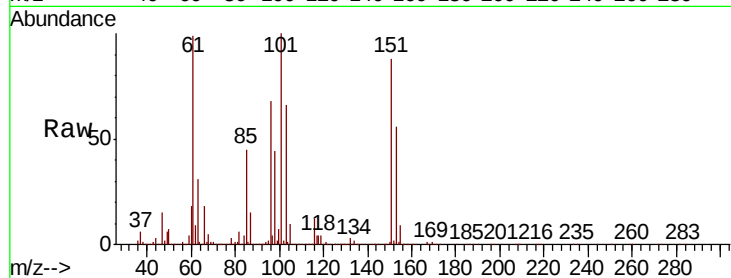
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	309733
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.5	53.3
151	85.5	68.6	103.0

Manual Integrations
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12/7/2018 11:19:35 AM



#10

Methyl Iodide

Concen: 46.830 ug/l

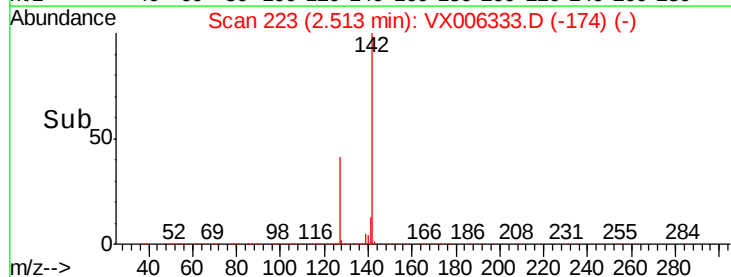
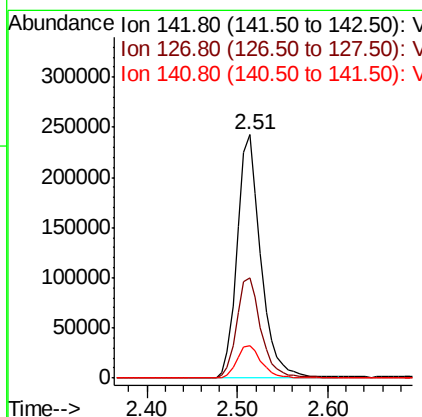
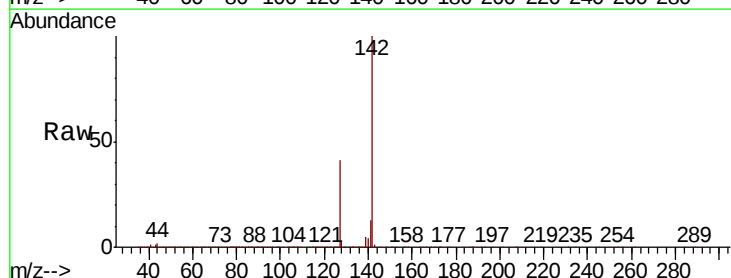
RT: 2.51 min Scan# 223

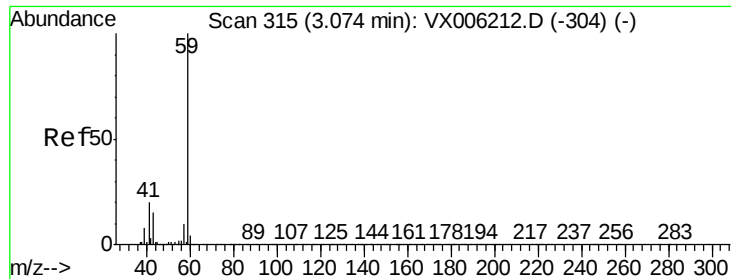
Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Tgt Ion:	142	Resp:	439582
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.8	52.2
141	14.2	11.4	17.2





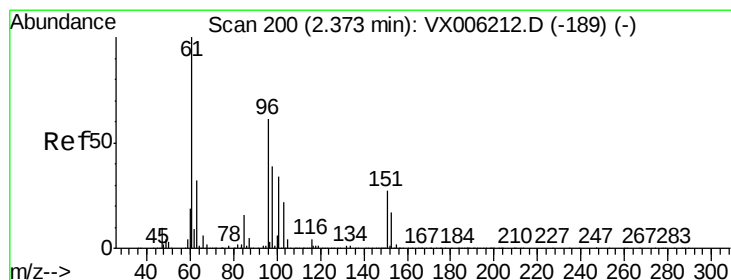
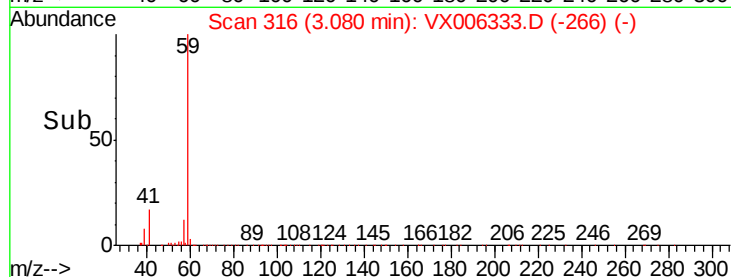
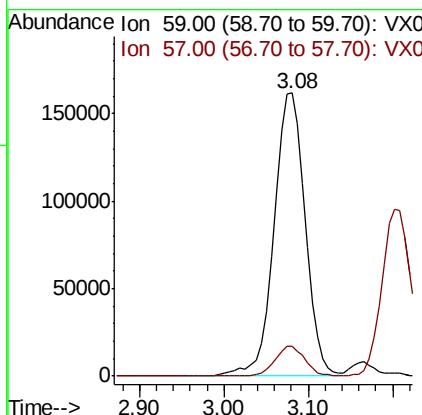
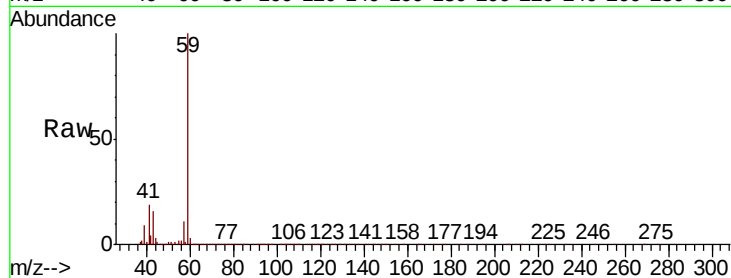
#11
Tert butyl alcohol
Concen: 226.444 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 416575
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

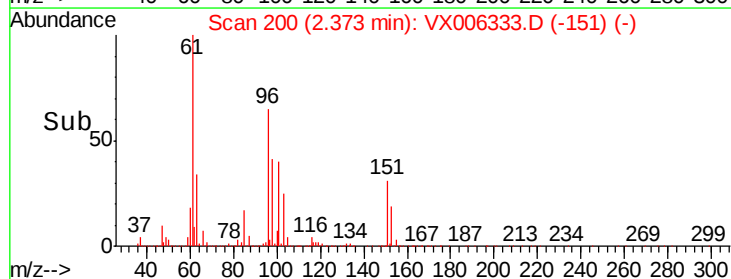
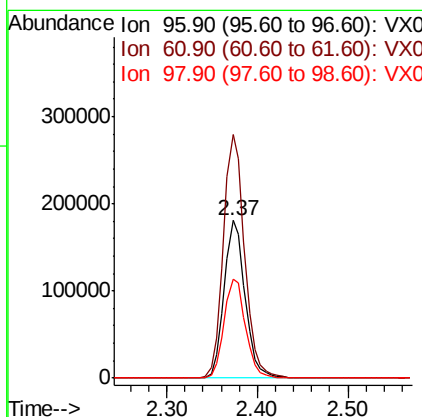
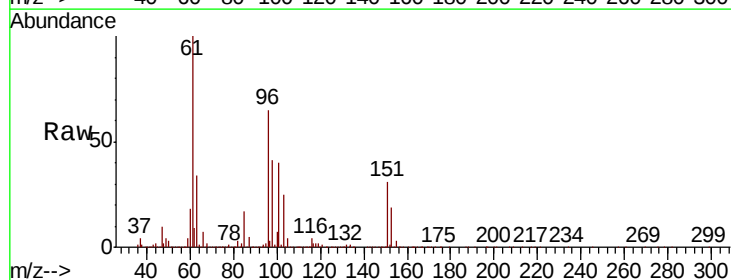
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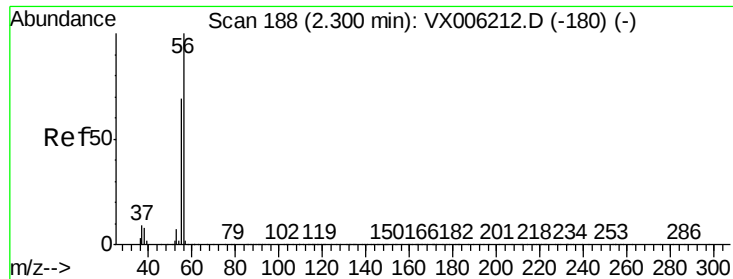
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.946 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 96 Resp: 291846
Ion Ratio Lower Upper
96 100
61 154.5 131.7 197.5
98 62.6 51.8 77.6





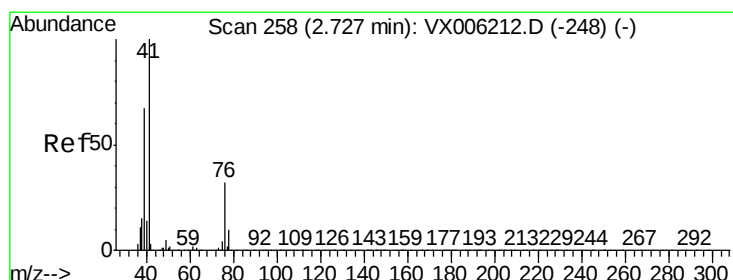
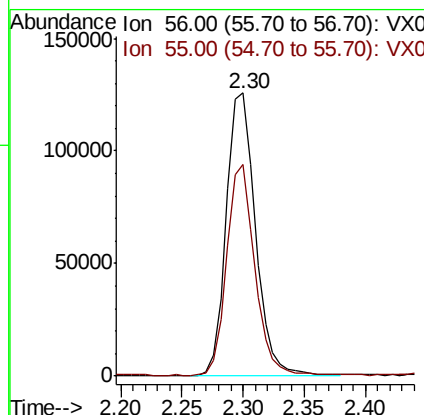
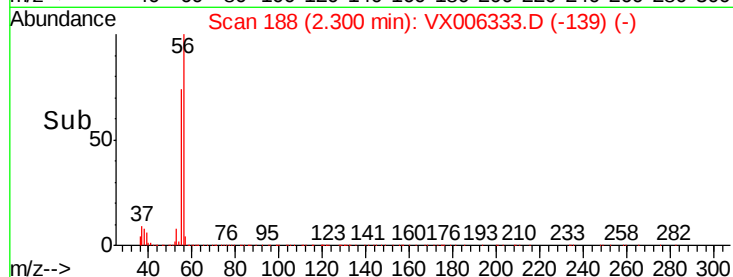
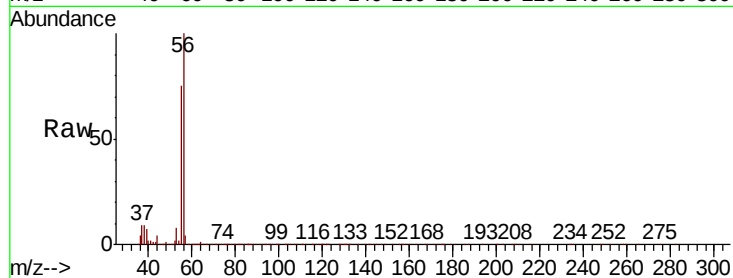
#13
Acrolein
Concen: 206.244 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	71.8	57.8	86.6	

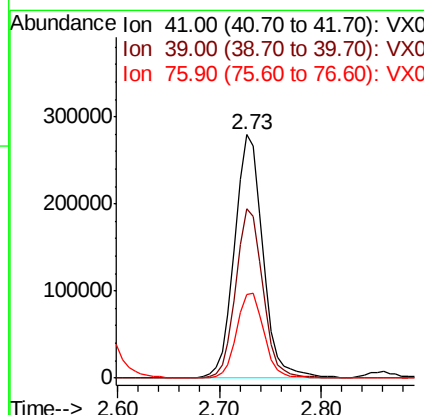
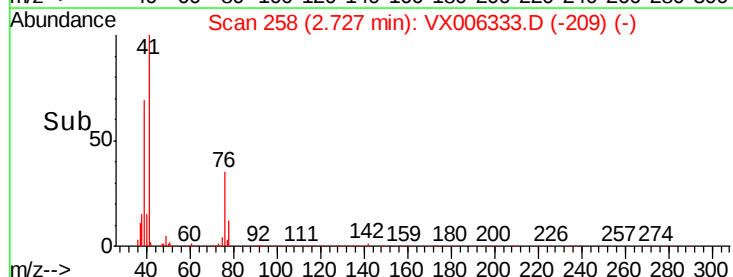
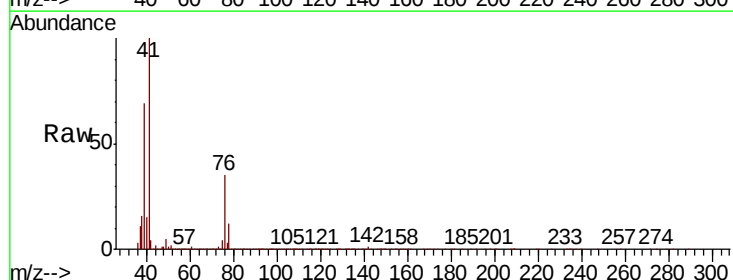
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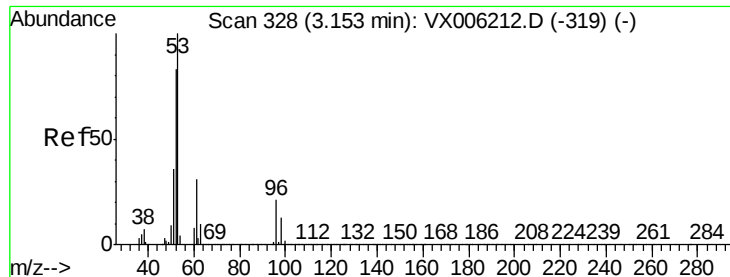
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#14
Allyl chloride
Concen: 45.297 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	66.2	52.4	78.6	
76	33.5	25.4	38.0	





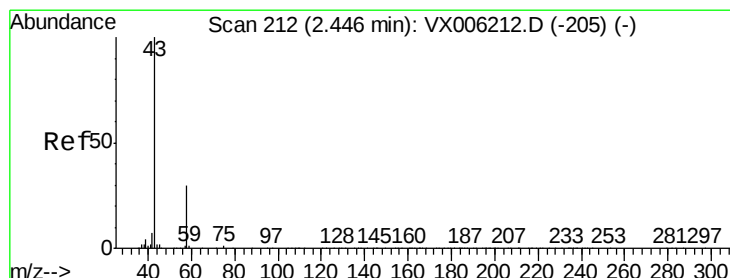
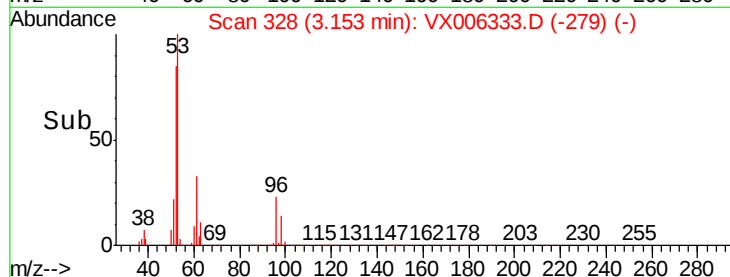
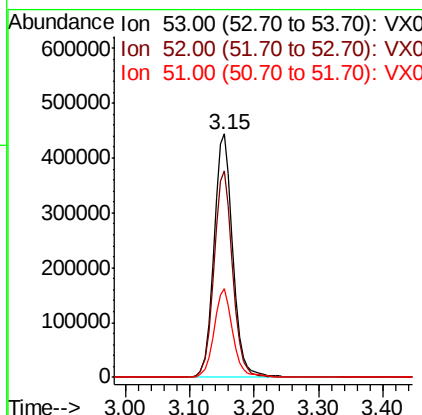
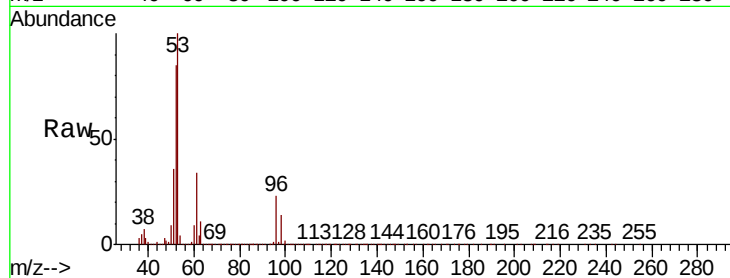
#15
Acrylonitrile
Concen: 236.936 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.2	99.4
51	36.2	28.7	43.1

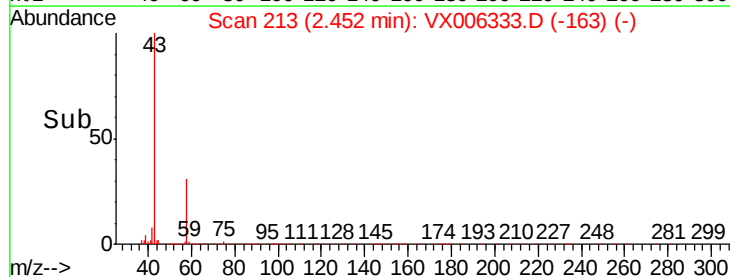
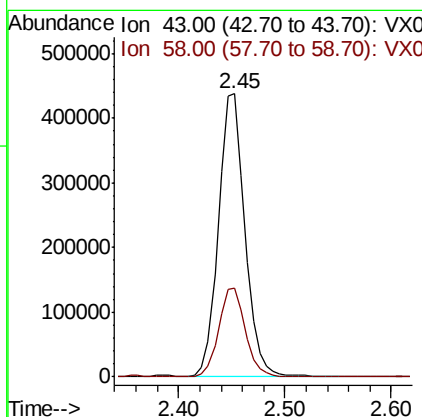
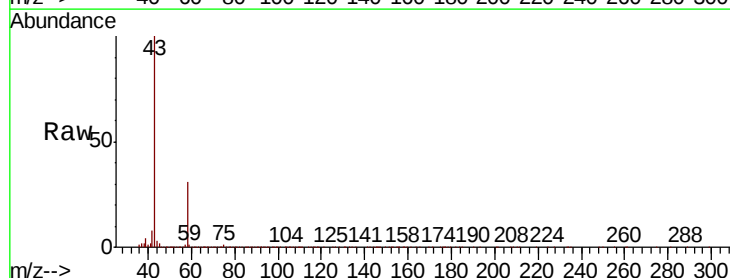
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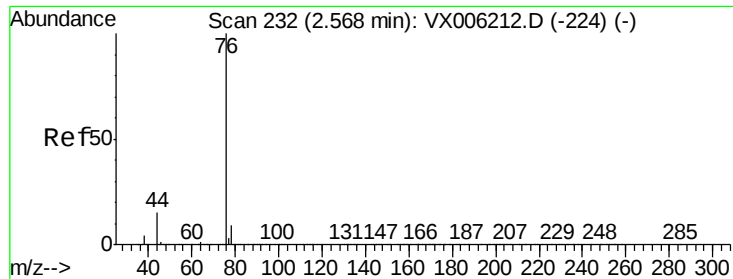
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#16
Acetone
Concen: 238.380 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.0	36.0





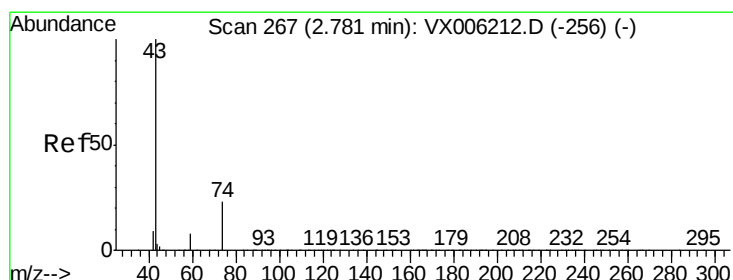
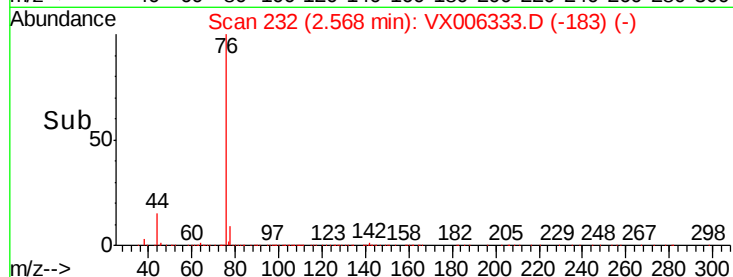
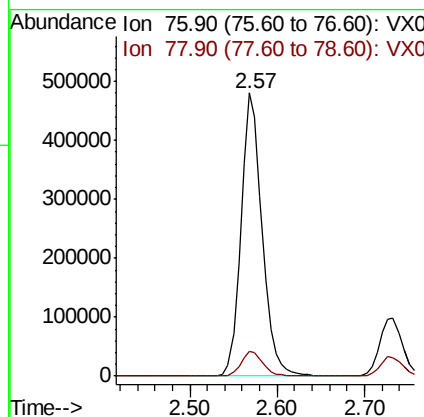
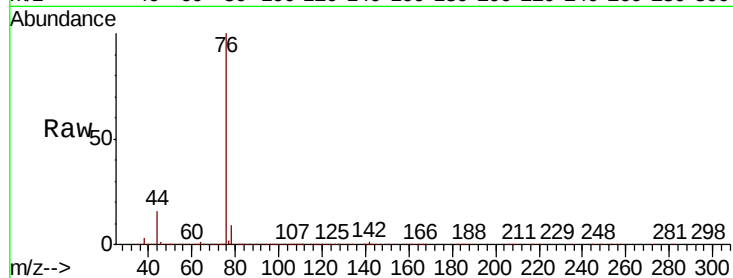
#17
Carbon Disulfide
Concen: 44.044 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

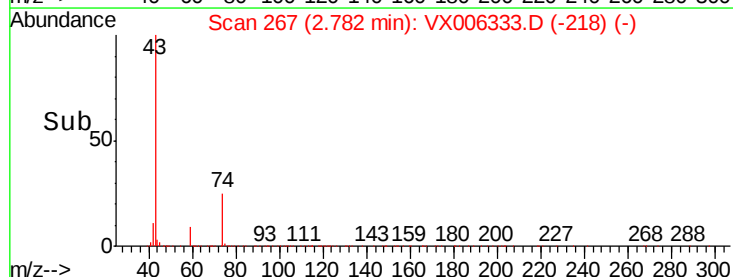
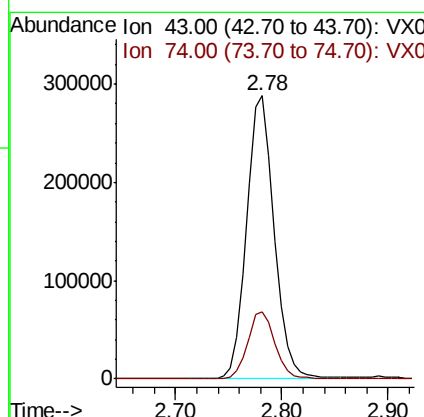
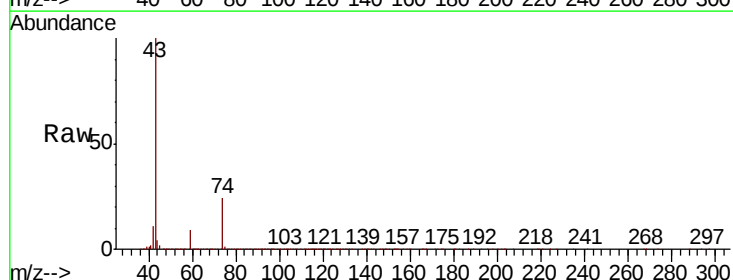
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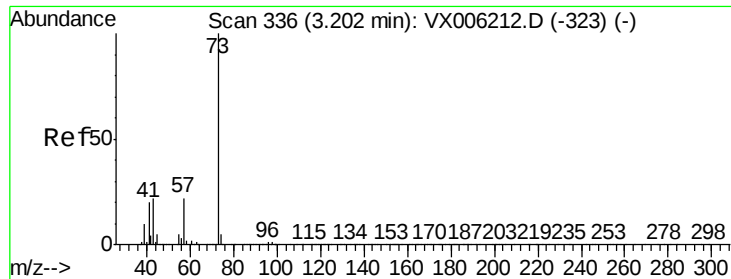
MMDadoda
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#18
Methyl Acetate
Concen: 49.376 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	17.9	26.9





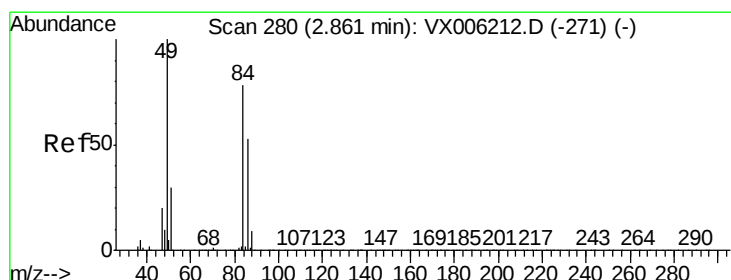
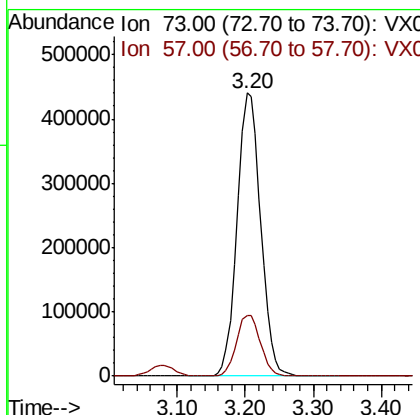
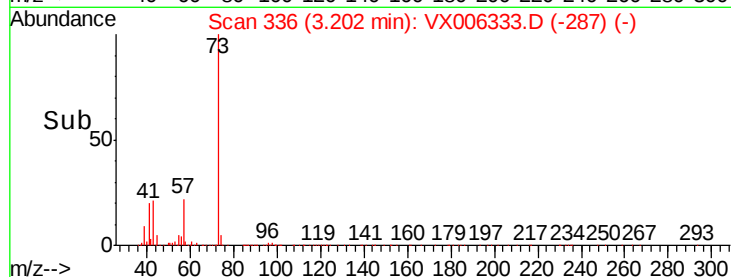
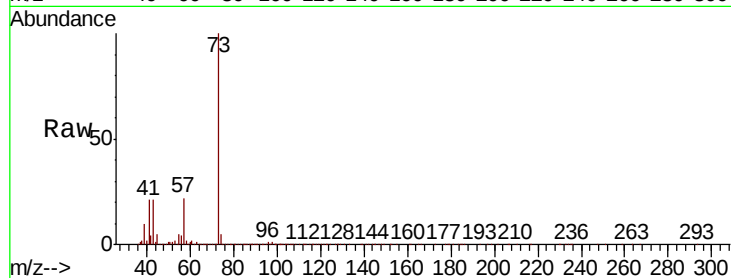
#19
Methvl tert-butvl Ether
Concen: 49.802 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1059330
Ion Ratio Lower Upper
73 100
57 21.5 17.5 26.3

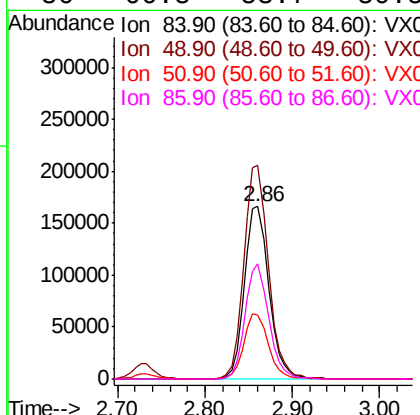
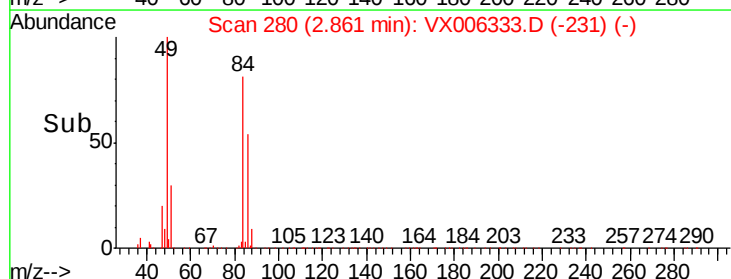
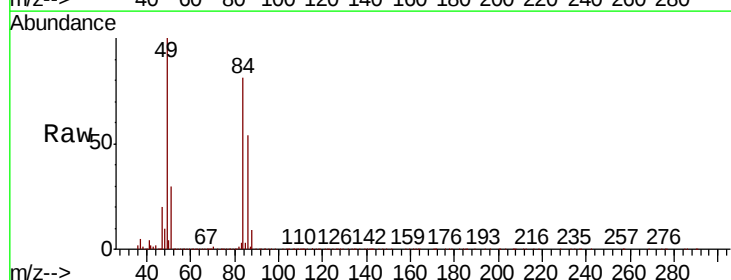
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#20
Methylene Chloride
Concen: 48.107 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 84 Resp: 323210
Ion Ratio Lower Upper
84 100
49 123.6 102.2 153.4
51 36.7 31.1 46.7
86 66.8 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.630 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

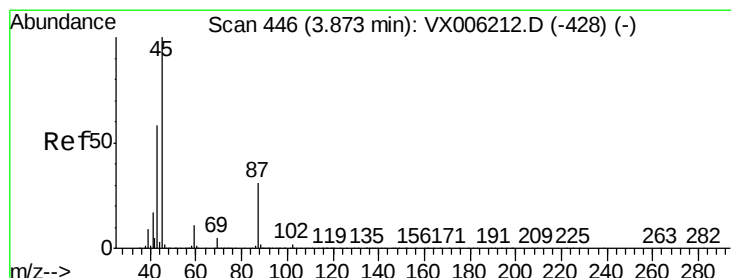
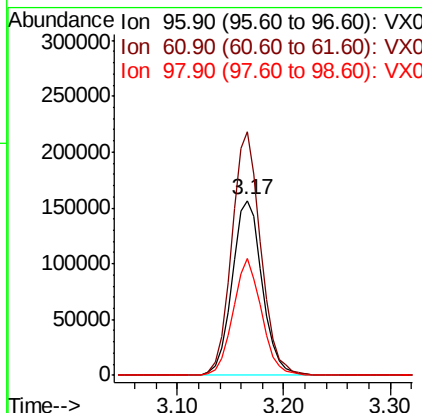
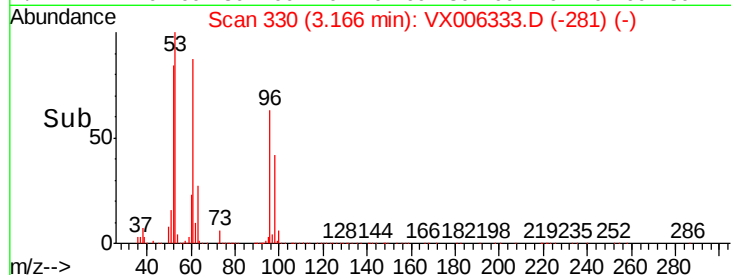
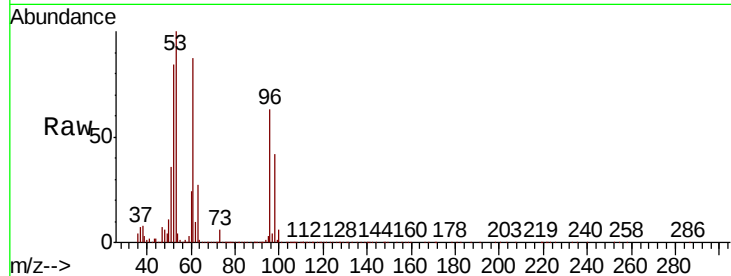
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	309003
Ion	Ratio	Lower	Upper
96	100		
61	139.1	113.3	169.9
98	66.7	53.2	79.8

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#22

Diisopropyl ether

Concen: 50.479 ug/l

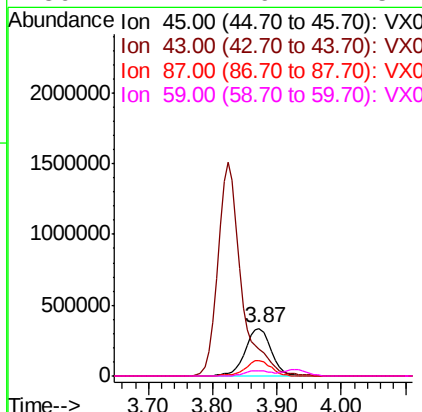
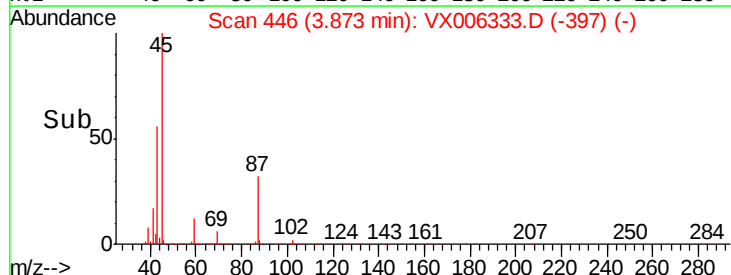
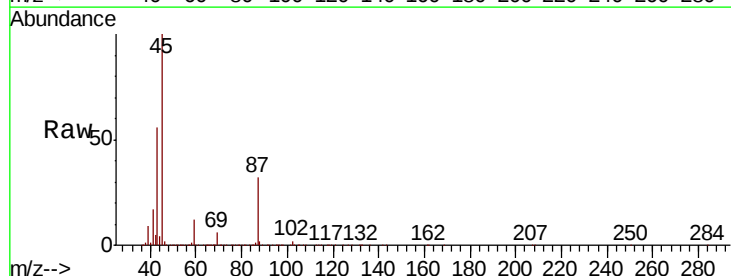
RT: 3.87 min Scan# 446

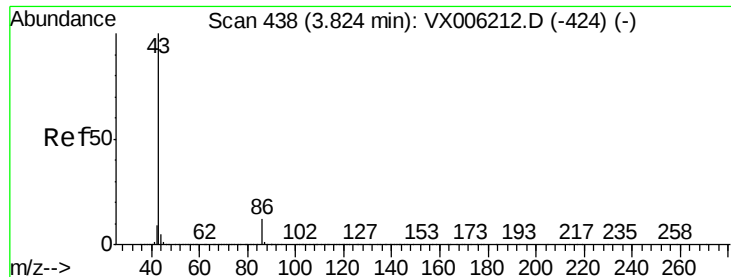
Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Tgt Ion:	45	Resp:	928690
Ion	Ratio	Lower	Upper
45	100		
43	56.0	46.2	69.2
87	32.0	24.9	37.3
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 245.960 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3859500

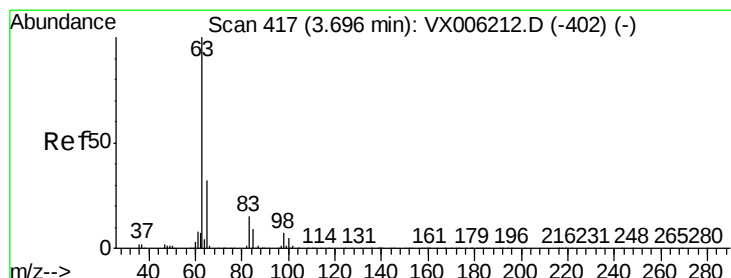
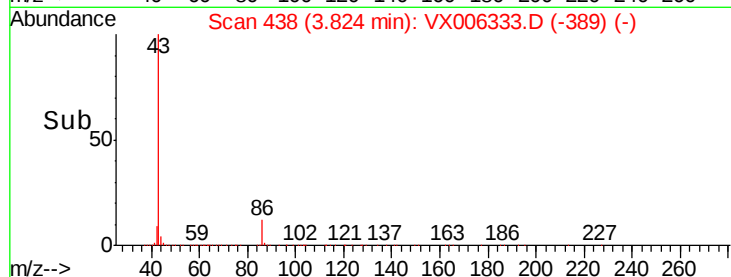
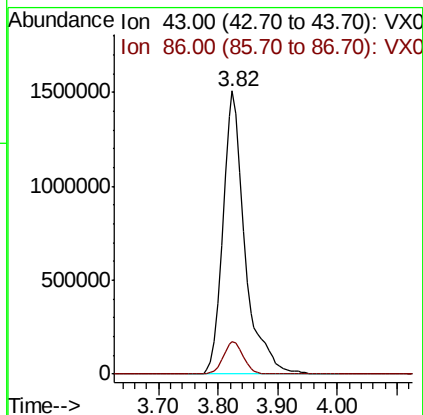
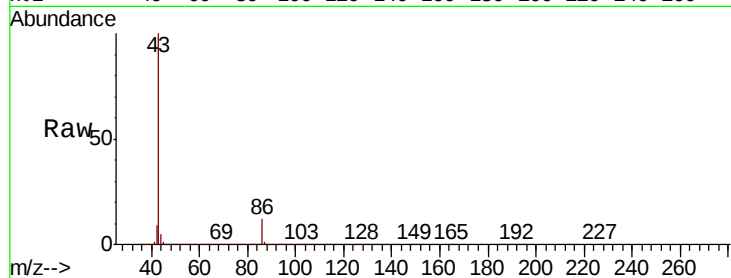
Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 51.031 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

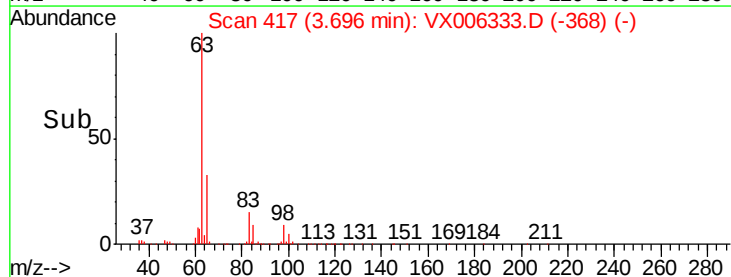
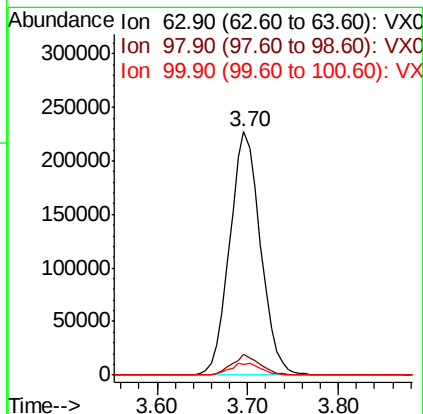
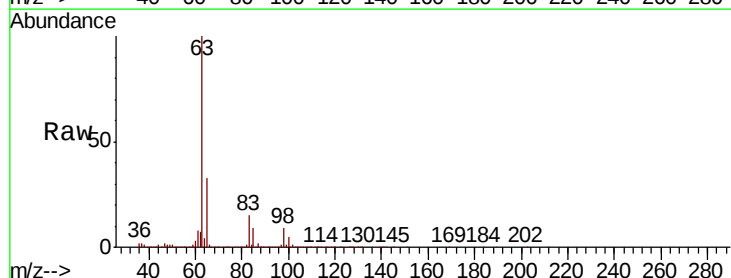
Tgt Ion: 63 Resp: 536620

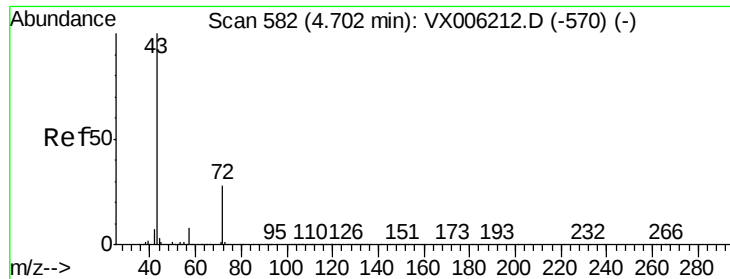
Ion Ratio Lower Upper

63 100

98 8.5 3.8 11.4

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 242.511 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1092365

Ion Ratio Lower Upper

43 100

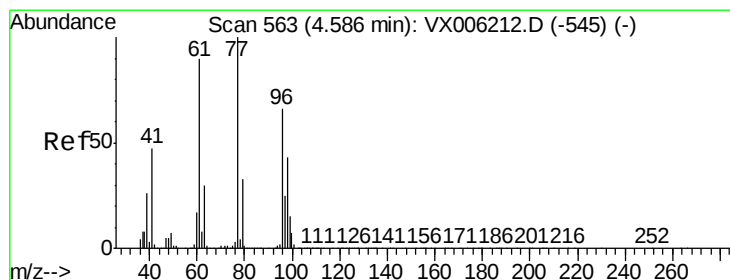
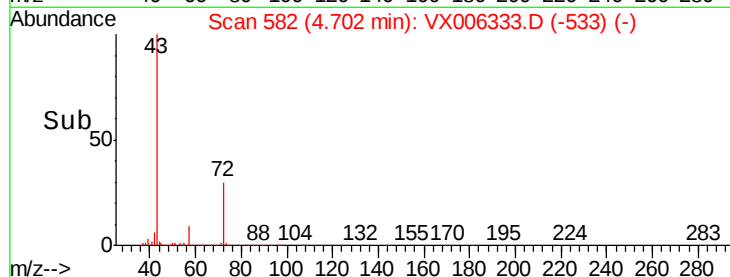
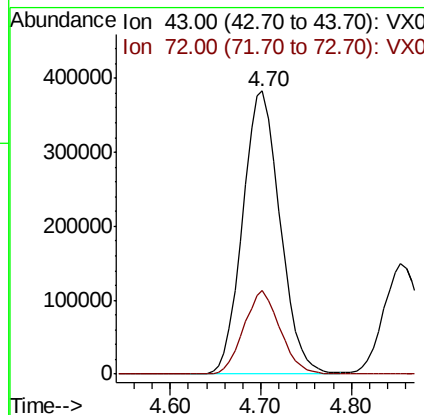
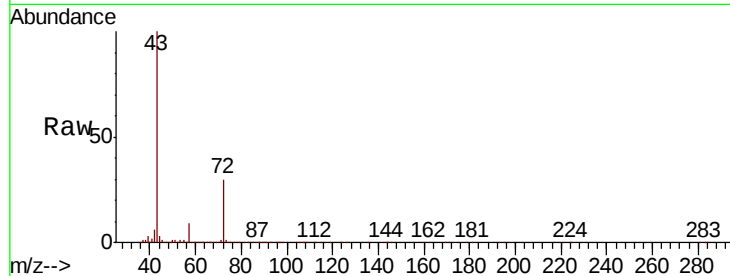
72 29.5 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 43.862 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006333.D

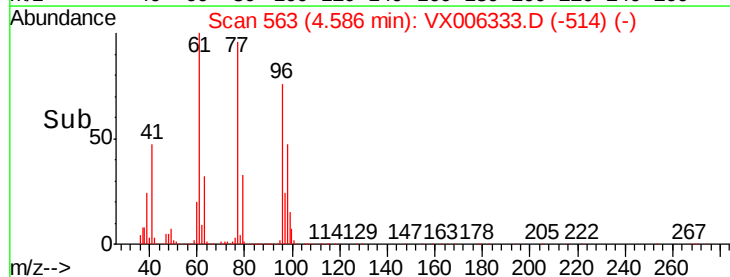
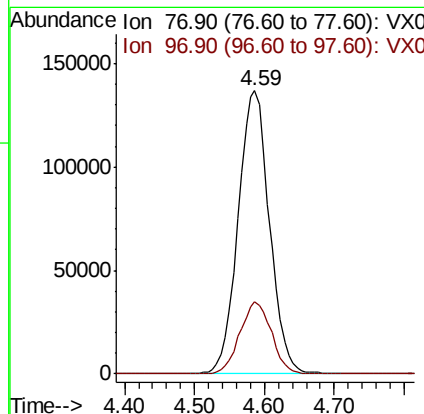
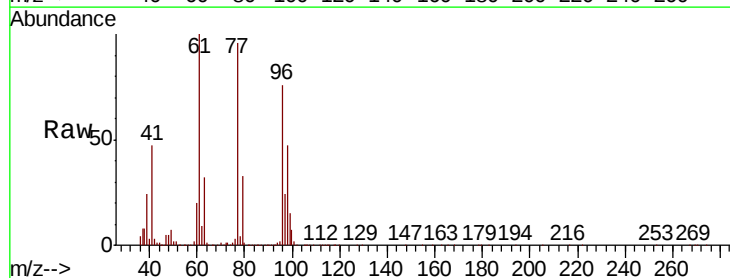
Acq: 06 Dec 2018 21:50

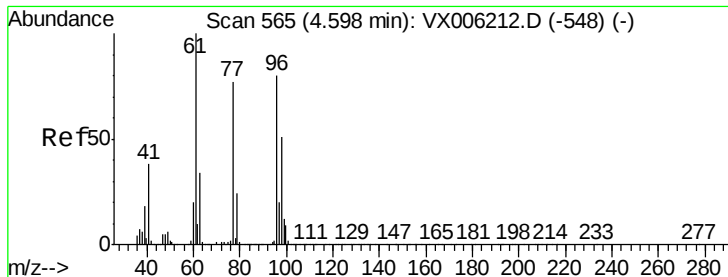
Tgt Ion: 77 Resp: 425666

Ion Ratio Lower Upper

77 100

97 25.7 12.3 36.8





#27

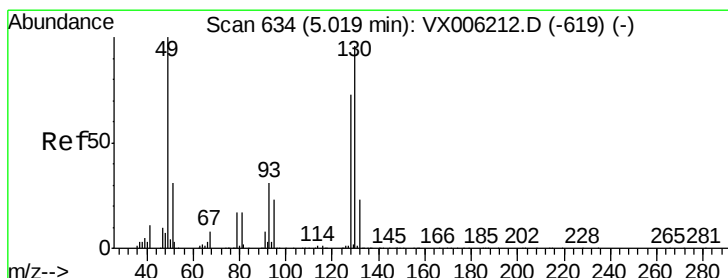
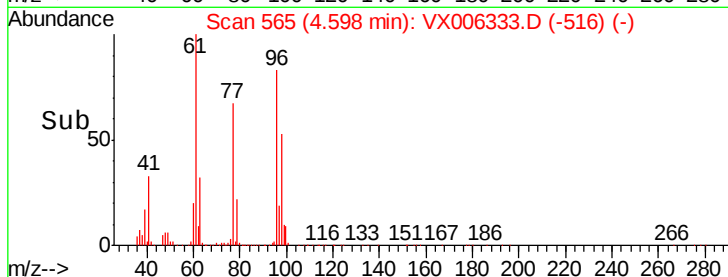
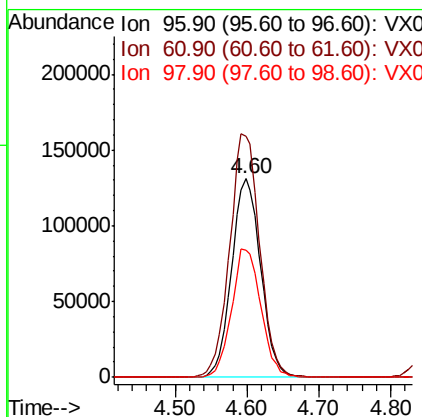
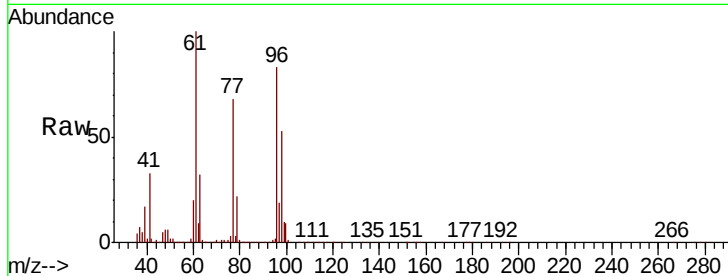
cis-1,2-Dichloroethene
Concen: 51.835 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	265.0
98	65.3	0.0	130.2

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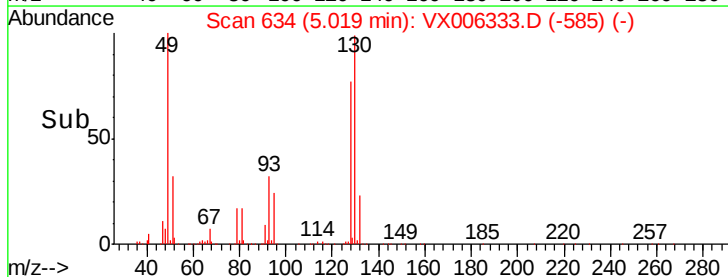
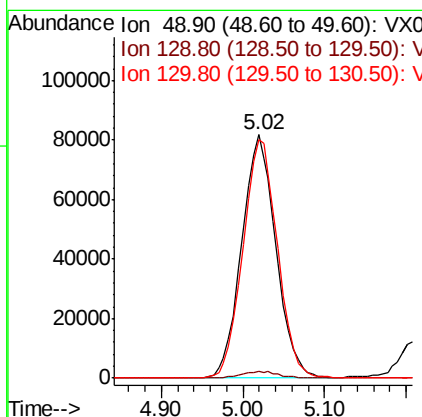
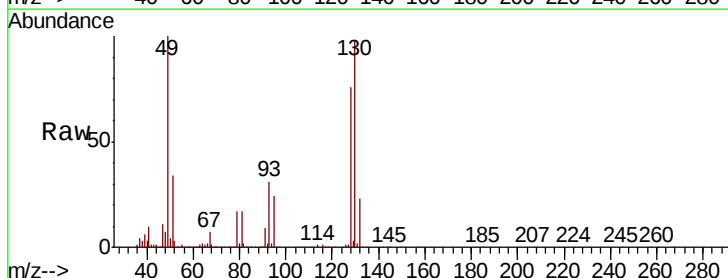
MMDadoda
12/7/2018 11:19:35 AM

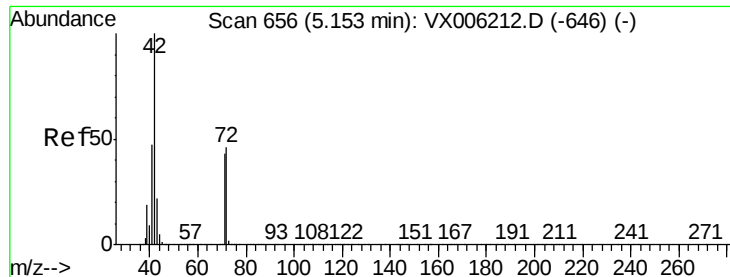


#28

Bromochloromethane
Concen: 51.707 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	99.3	78.3	117.5





#29

Tetrahydrofuran

Concen: 238.509 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

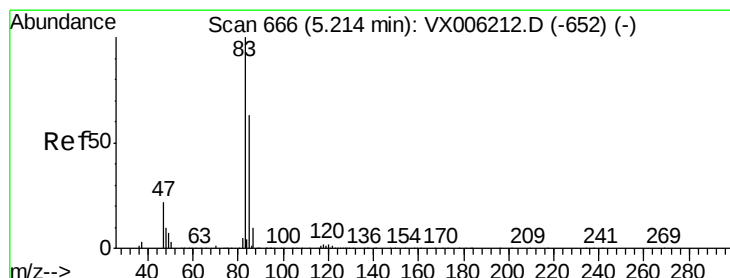
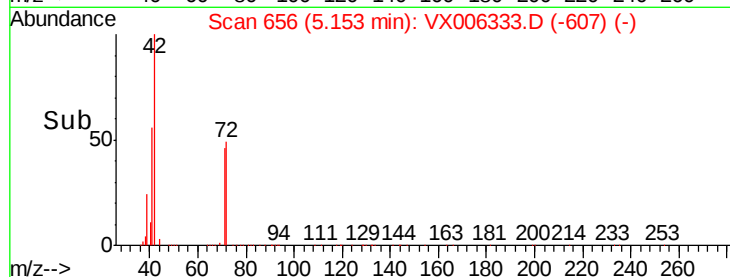
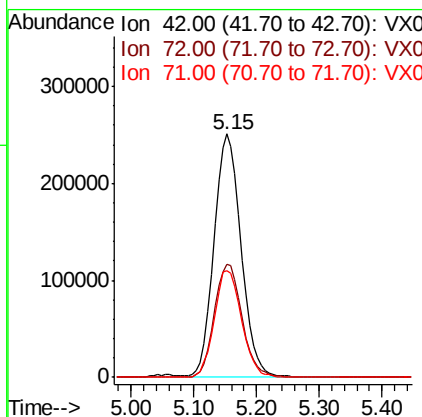
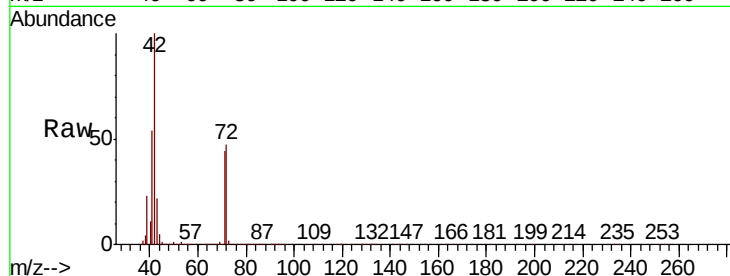
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	746664
Ion Ratio		Lower	Upper
42	100		
72	48.0	37.8	56.8
71	44.6	35.2	52.8

Manual Integrations
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#30

Chloroform

Concen: 51.154 ug/l

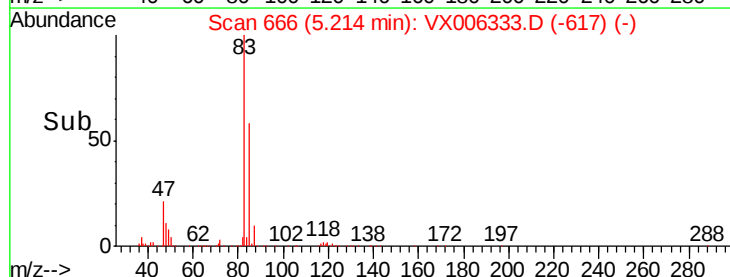
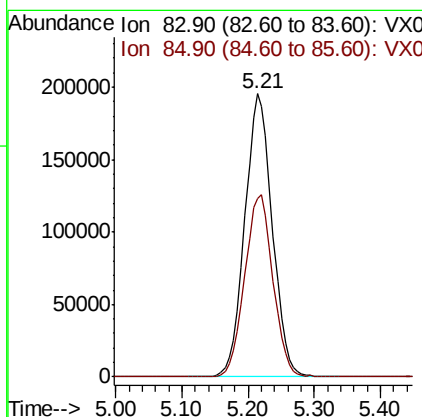
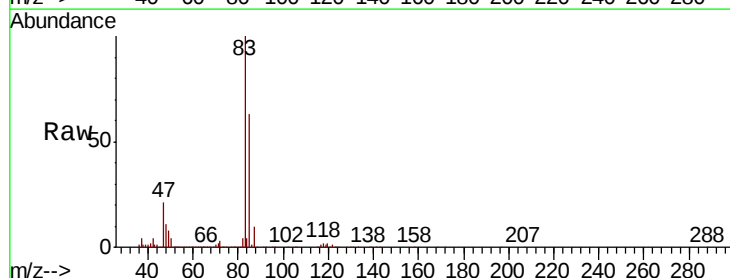
RT: 5.21 min Scan# 666

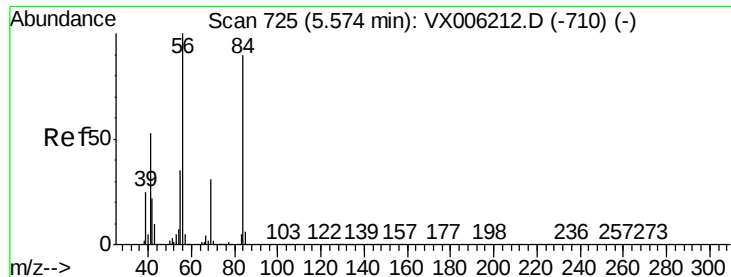
Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Tgt Ion:	83	Resp:	565283
Ion Ratio		Lower	Upper
83	100		
85	62.9	50.3	75.5





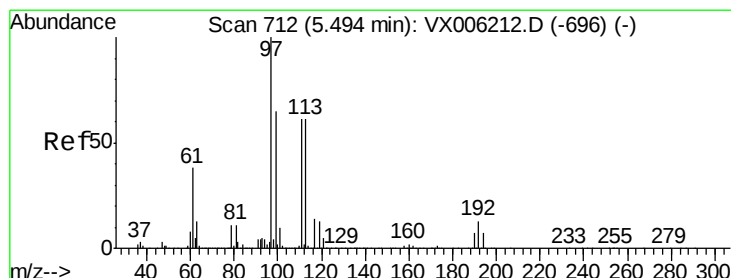
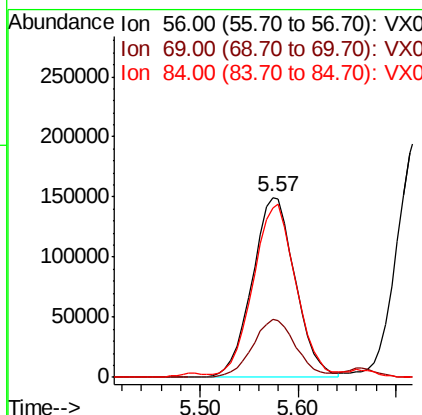
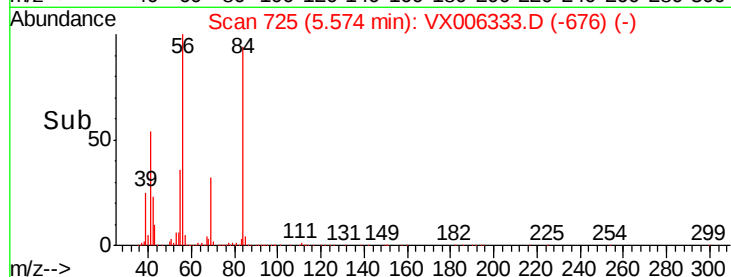
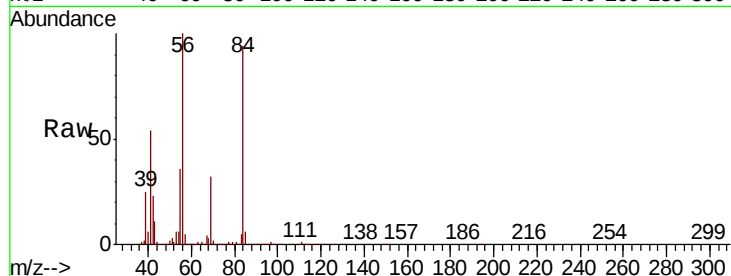
#31
Cyclohexane
Concen: 47.131 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.5	36.7
84	91.8	71.8	107.6

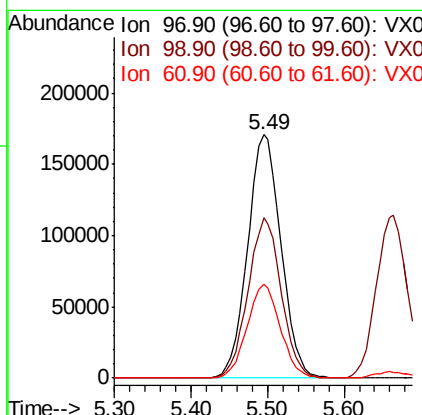
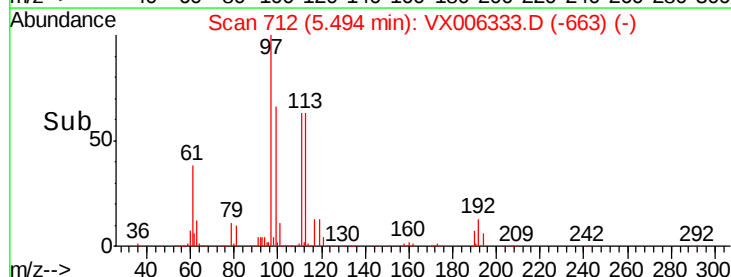
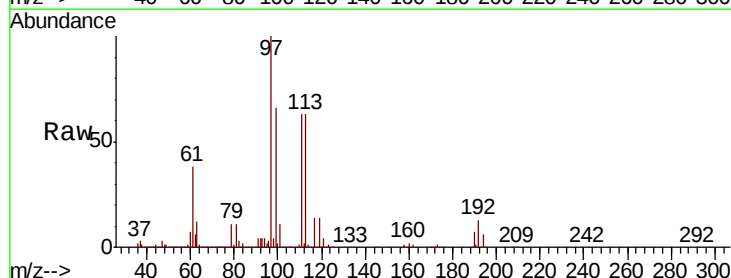
Manual Integrations
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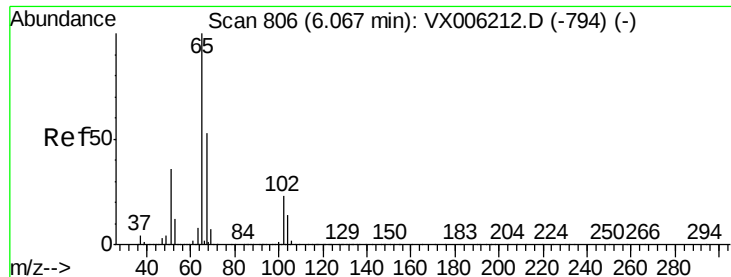
MMDadoda
12/7/2018 11:19:35 AM



#32
1,1,1-Trichloroethane
Concen: 49.406 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.6	77.4
61	38.2	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 51.063 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Tot Ion: 65 Resp: 343495

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.2

Instrument :

MSVOA_X

ClientSampleId :

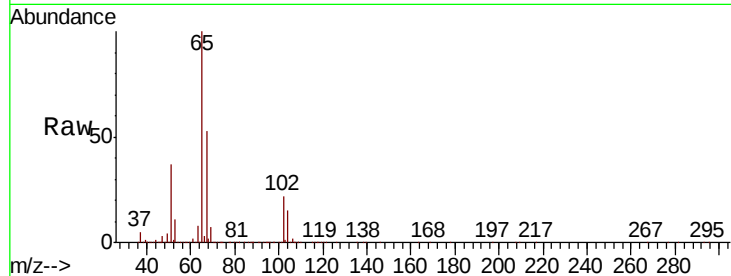
VSTDCCC050EC

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

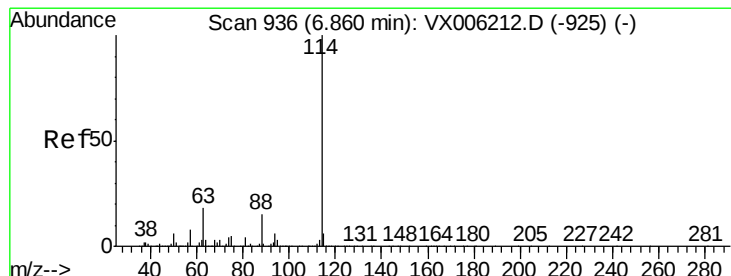
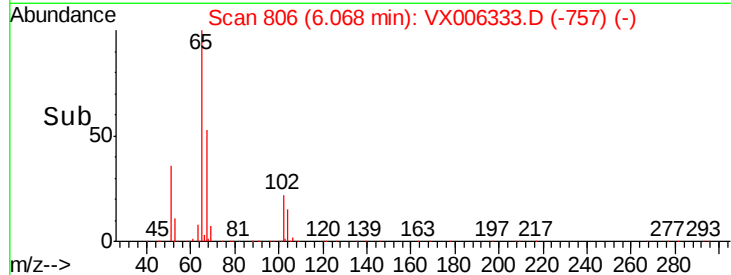
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

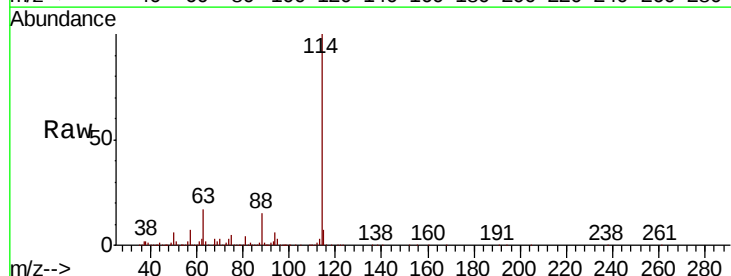
Tgt Ion: 114 Resp: 993444

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 14.8 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

500000

400000

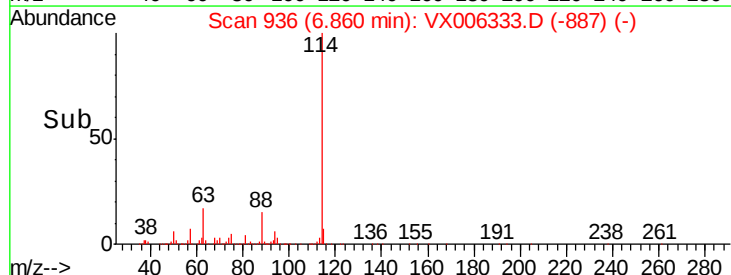
300000

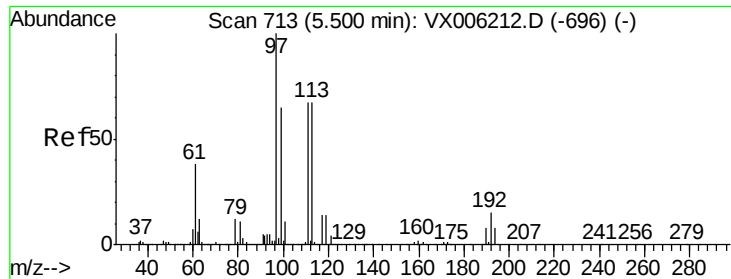
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.061 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

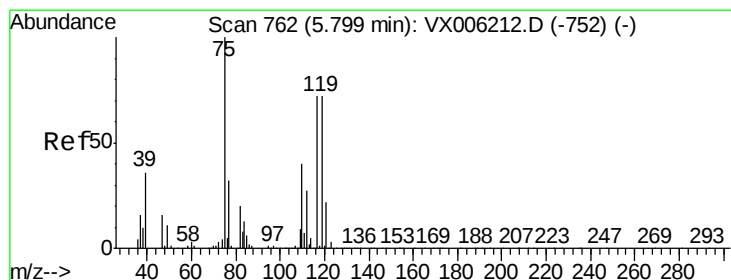
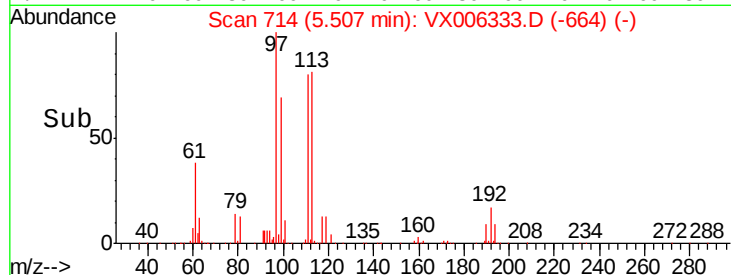
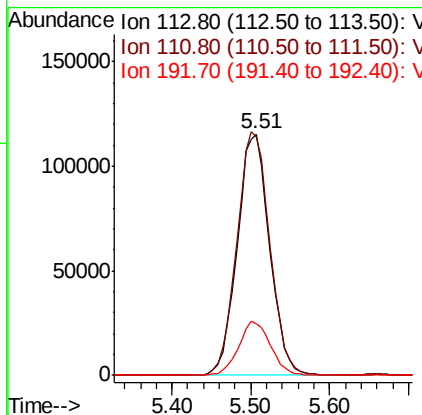
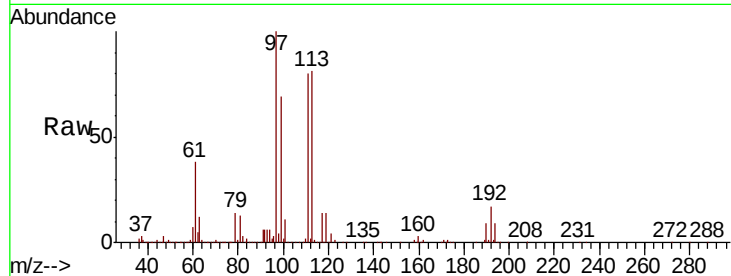
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	328433
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.1	121.7
192	22.2	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 48.522 ug/l

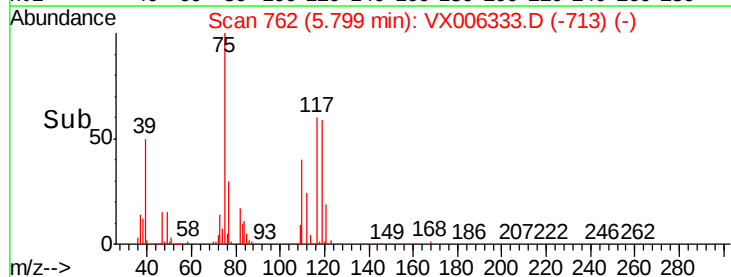
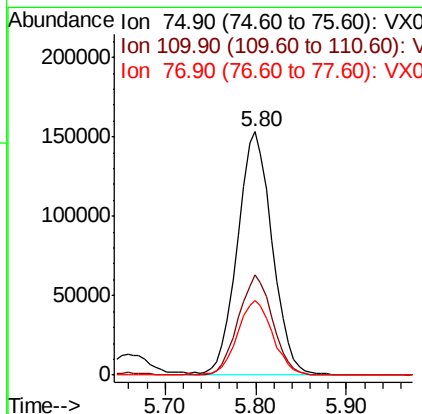
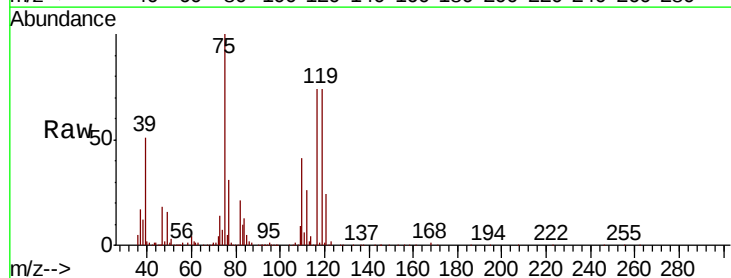
RT: 5.80 min Scan# 762

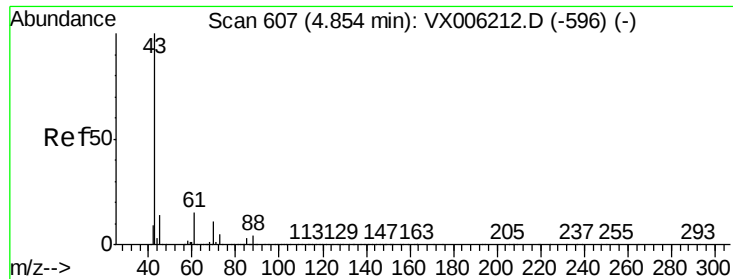
Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Tgt Ion:	75	Resp:	405926
Ion Ratio	Lower	Upper	
75	100		
110	40.6	20.4	61.3
77	30.9	24.9	37.3





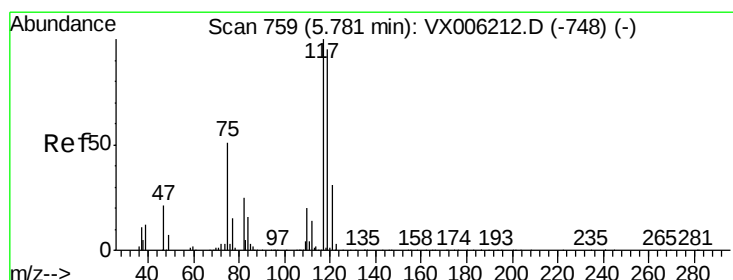
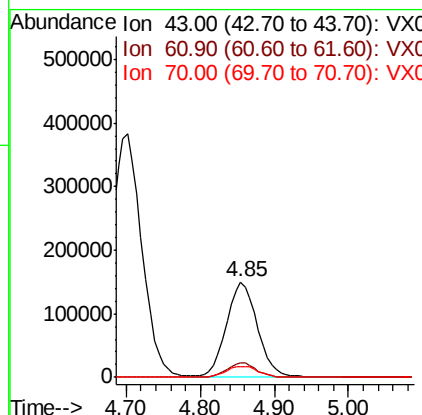
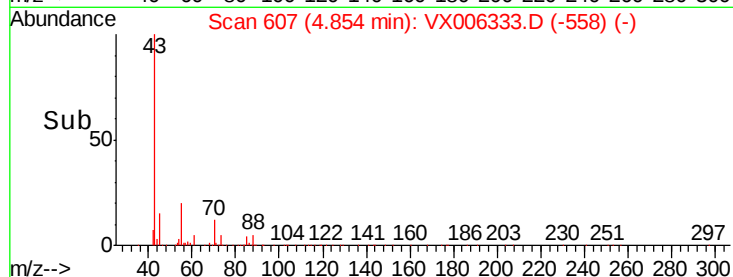
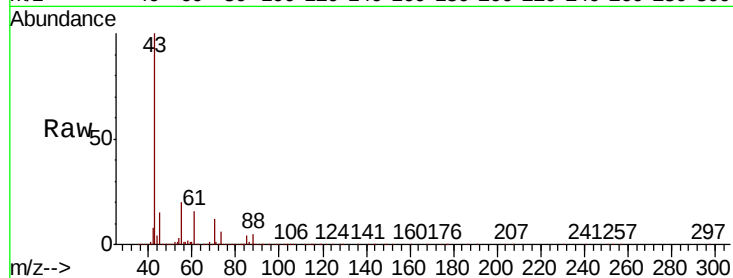
#37
Ethyl Acetate
Concen: 46.329 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	12.4	9.0	13.6

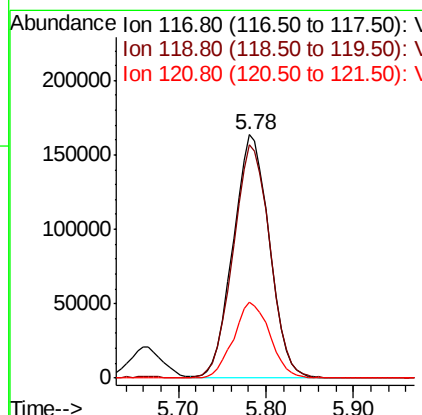
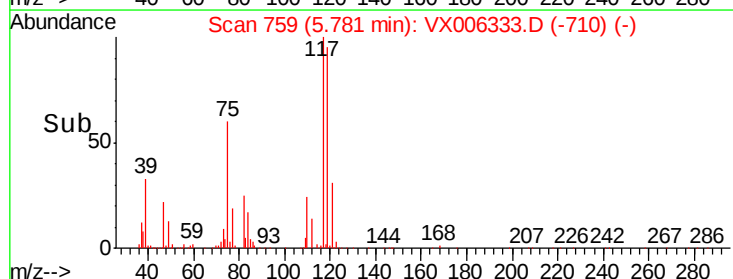
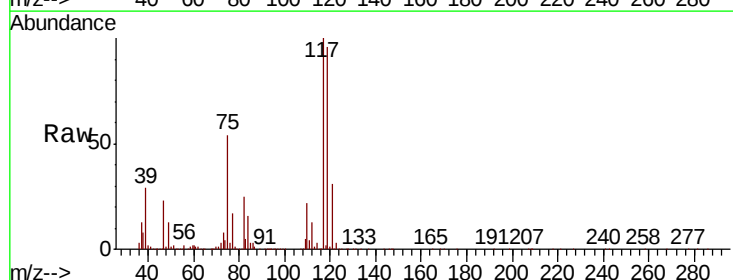
Manual Integrations
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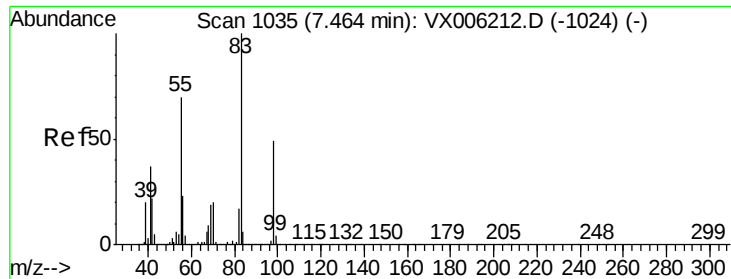
MMDadoda
12/7/2018 11:19:35 AM



#38
Carbon Tetrachloride
Concen: 47.969 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
121	31.1	24.6	37.0





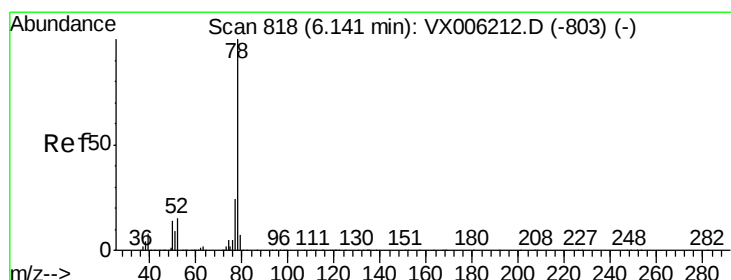
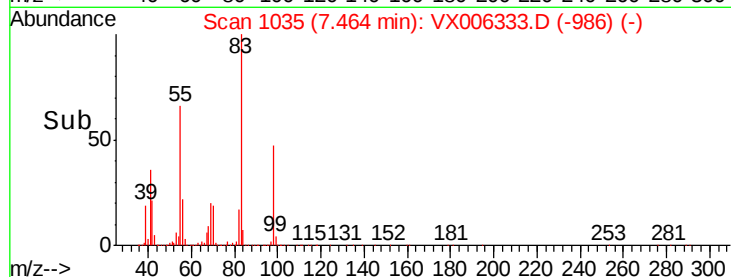
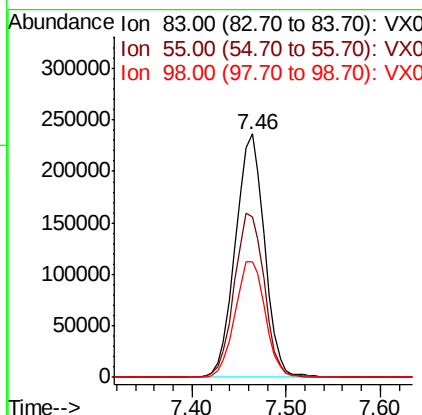
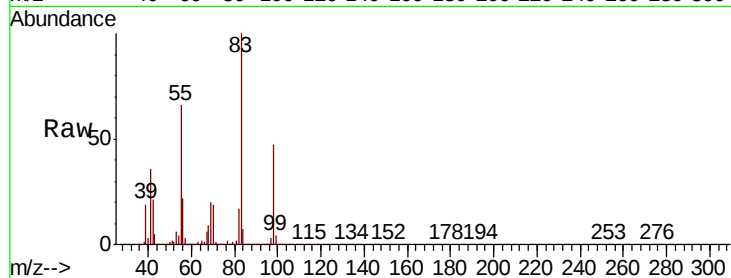
#39
Methvlcvclohexane
Concen: 47.066 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.0	56.4	84.6
98	47.3	39.0	58.6

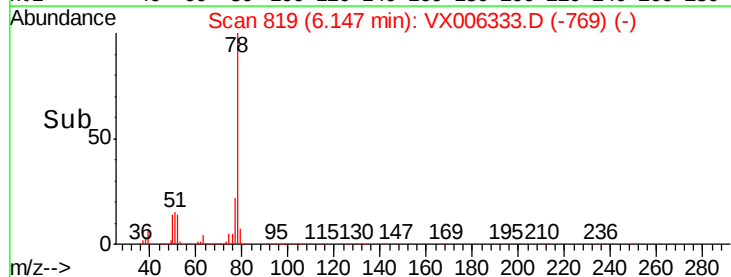
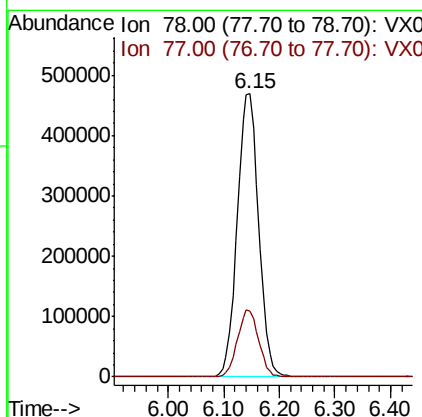
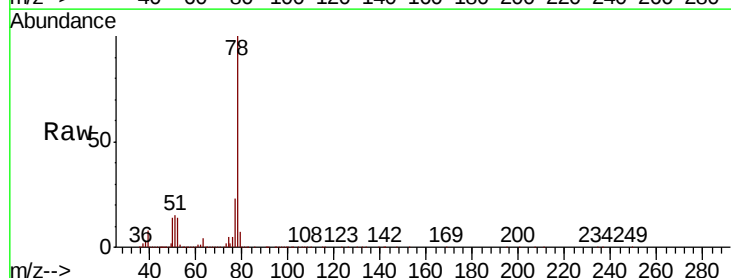
Manual Integrations
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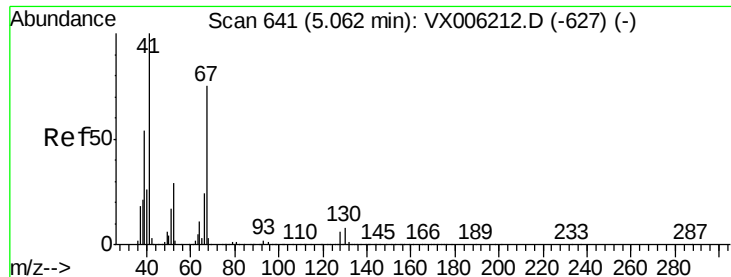
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#40
Benzene
Concen: 49.778 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





#41

Methacrylonitrile

Concen: 46.307 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

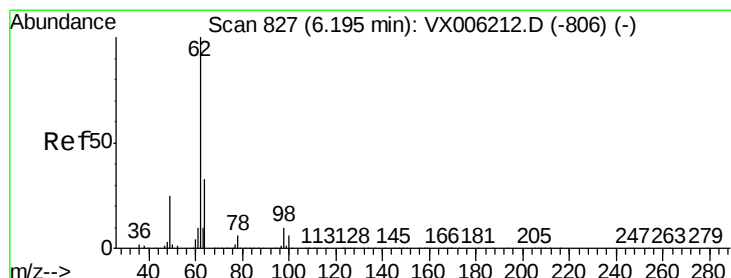
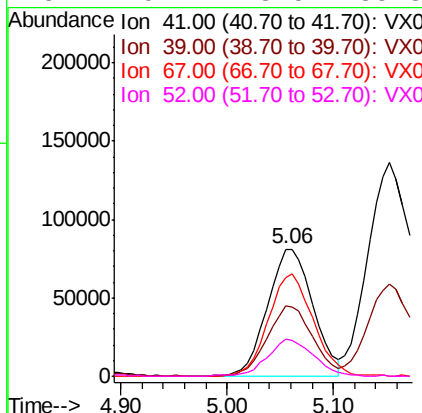
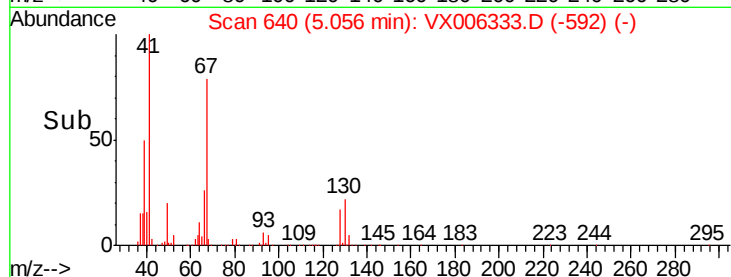
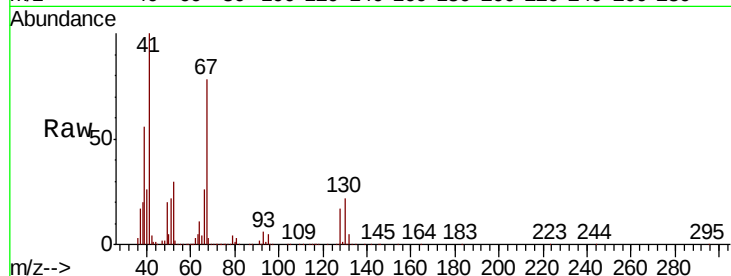
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	44.0	66.0	
67	79.9	61.4	92.0	
52	29.1	23.5	35.3	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.520 ug/l

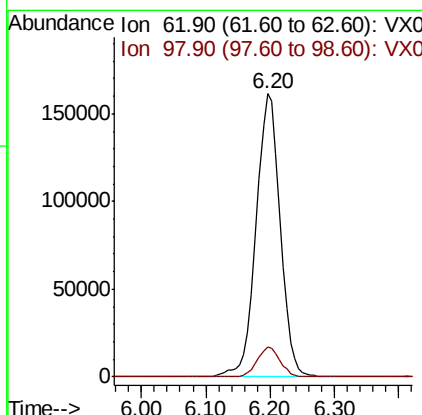
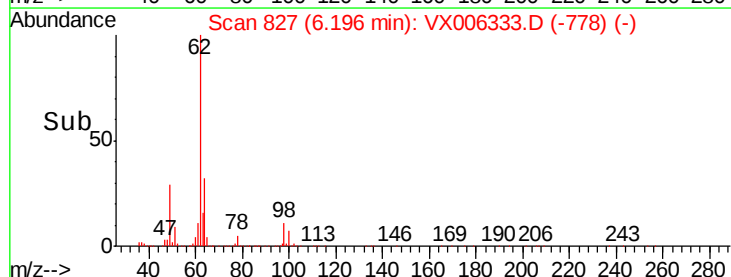
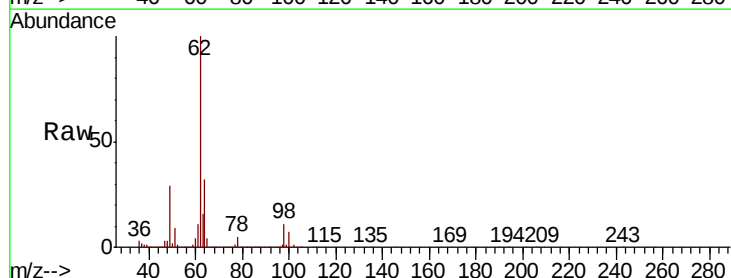
RT: 6.20 min Scan# 827

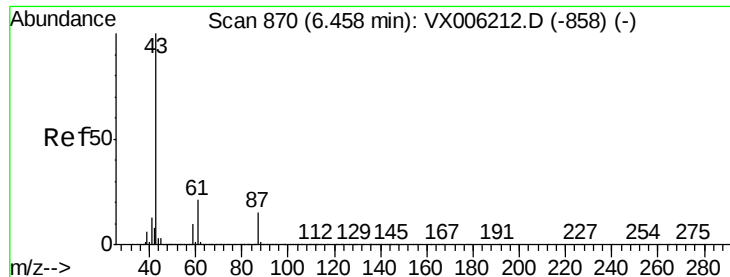
Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

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





#43

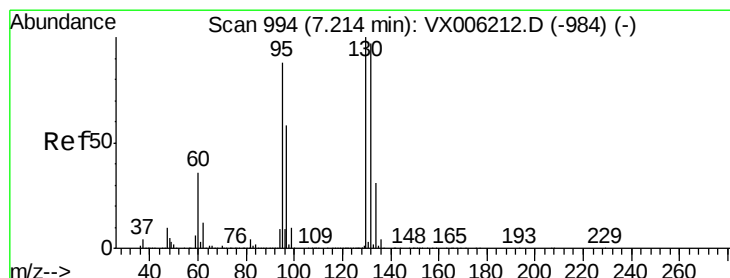
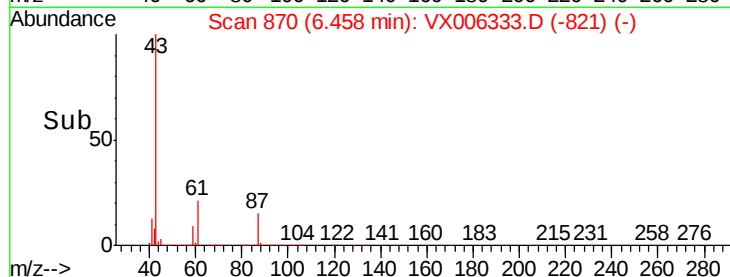
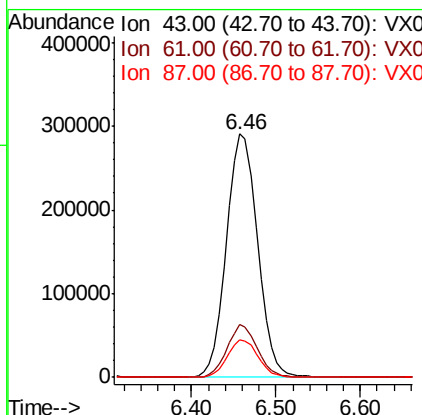
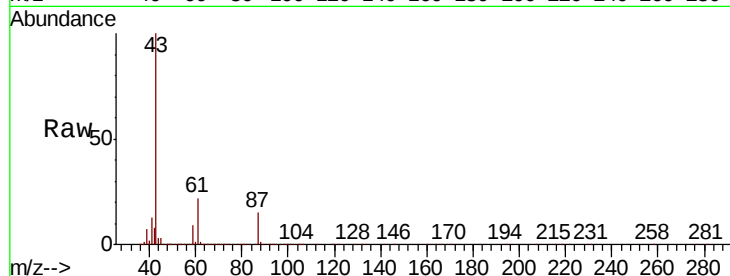
Isopropyl Acetate
 Concen: 46.561 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.8	25.2
87	15.4	11.9	17.9

Manual Integrations
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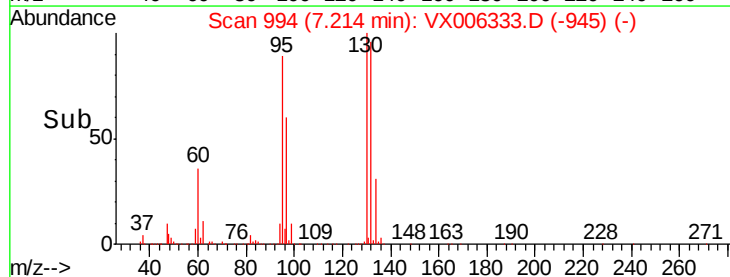
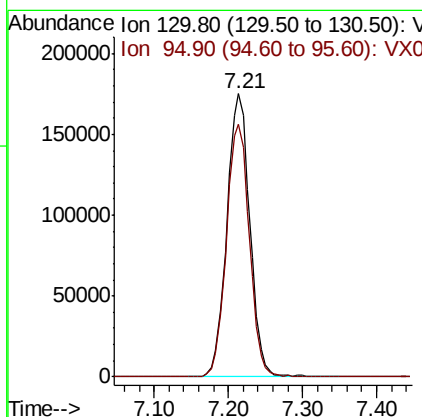
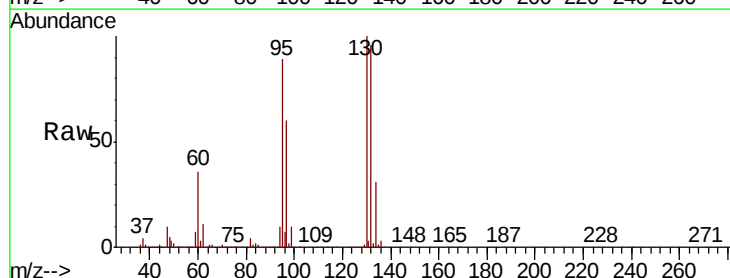
MMDadoda
 12/7/2018 11:19:35 AM



#44

Trichloroethene
 Concen: 49.696 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	175.8





#45

1,2-Dichloropropane

Concen: 49.090 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 312614

Ion Ratio Lower Upper

63 100

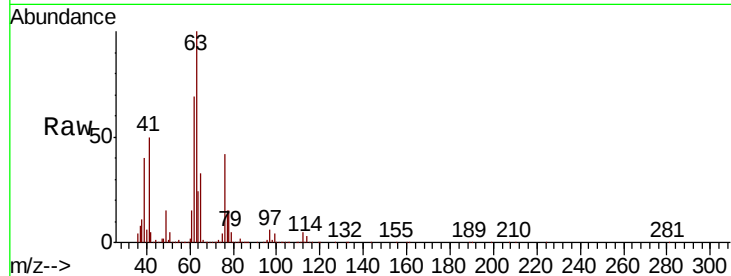
65 32.6 24.3 36.5

Manual Integrations

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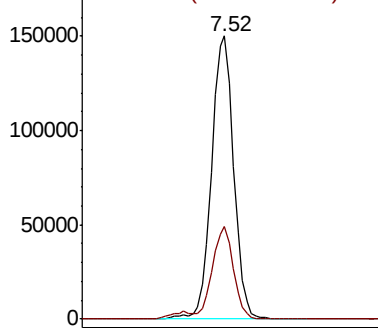
MMDadoda

12/7/2018 11:19:35 AM

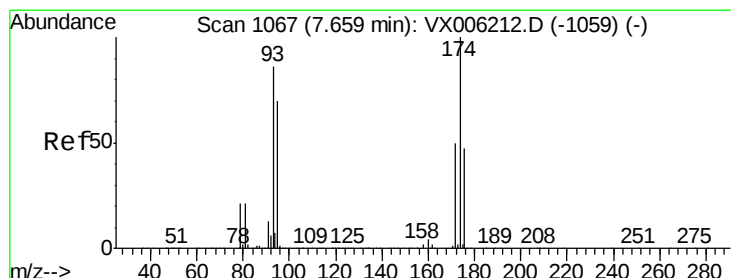
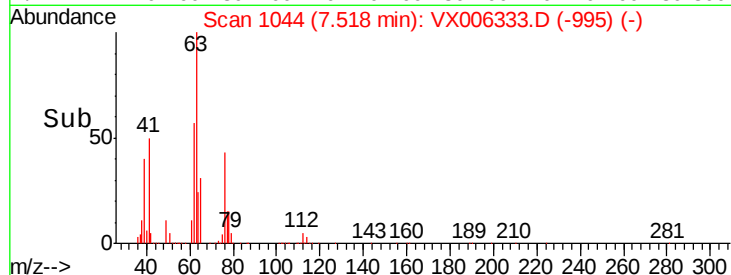


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 49.555 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

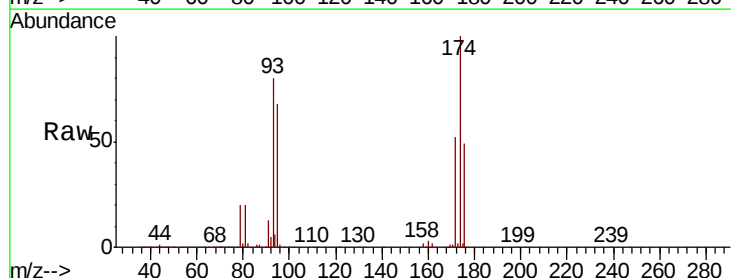
Tgt Ion: 93 Resp: 227914

Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

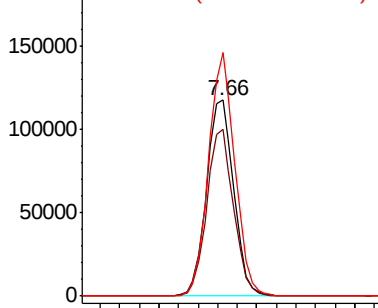
174 119.9 97.2 145.8



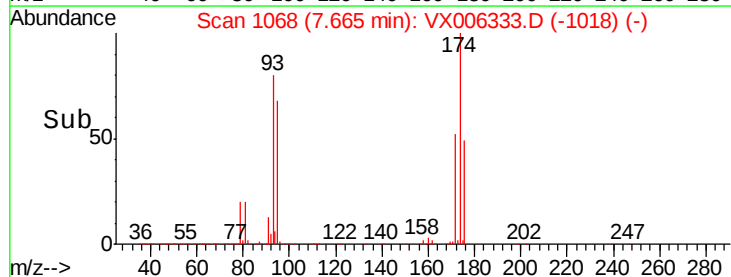
Abundance Ion 92.80 (92.50 to 93.50): VX0

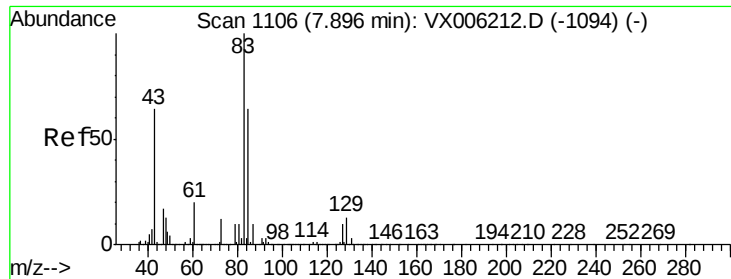
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 48.446 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

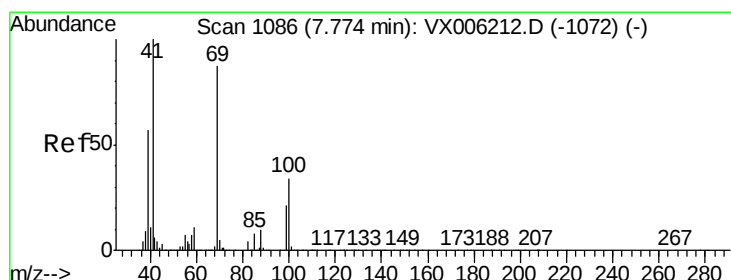
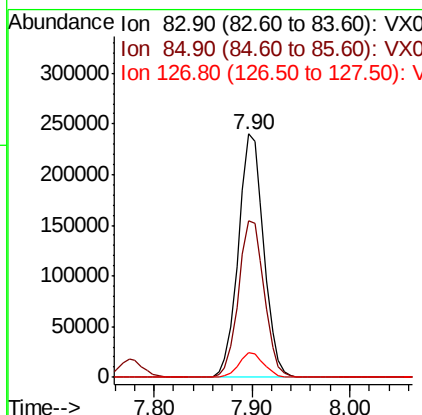
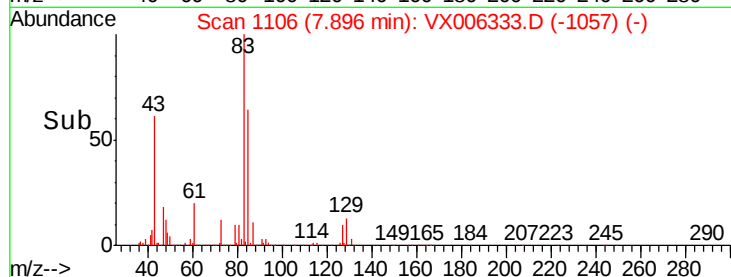
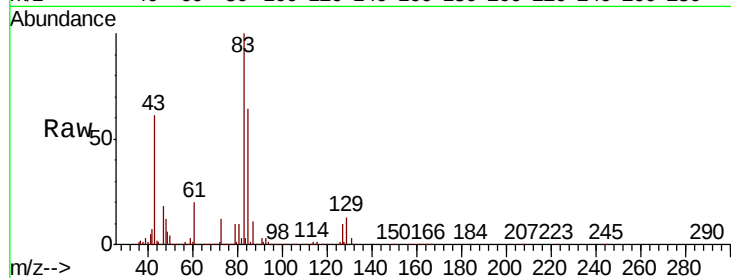
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	431482
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.4	77.0
127	10.3	7.9	11.9

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#48

Methyl methacrylate

Concen: 46.896 ug/l

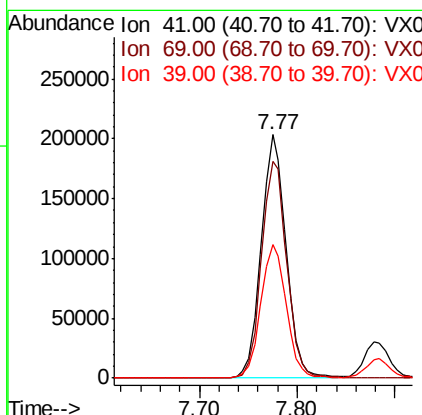
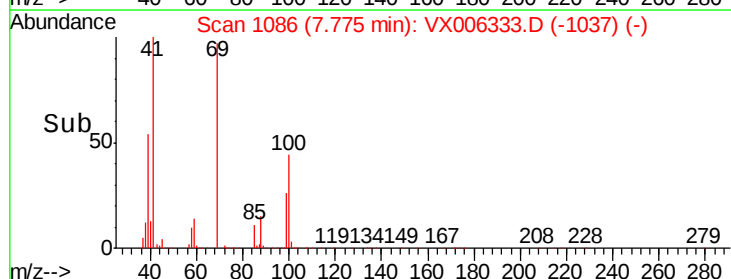
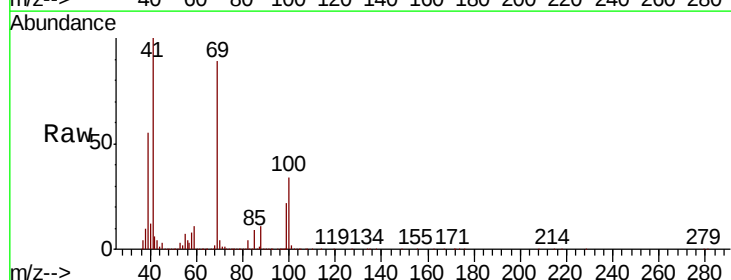
RT: 7.77 min Scan# 1086

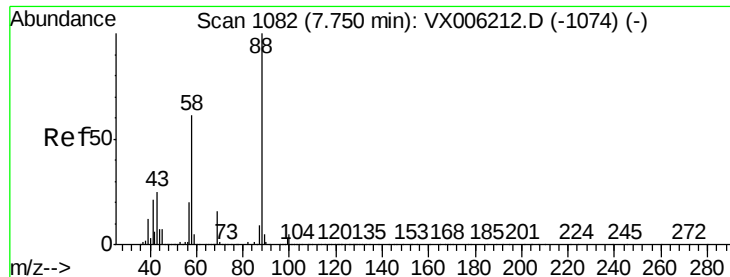
Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Tgt Ion:	41	Resp:	356367
Ion Ratio	Lower	Upper	
41	100		
69	91.7	70.3	105.5
39	56.3	45.3	67.9





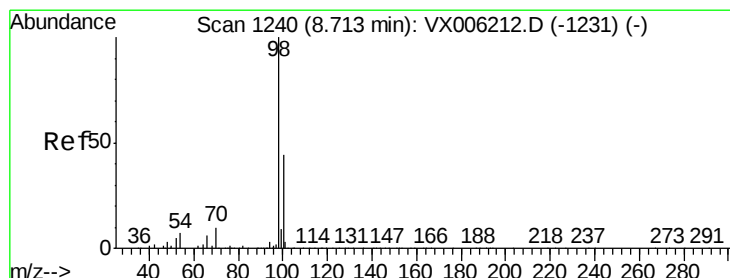
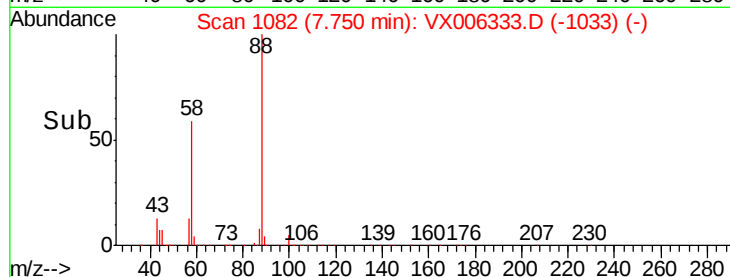
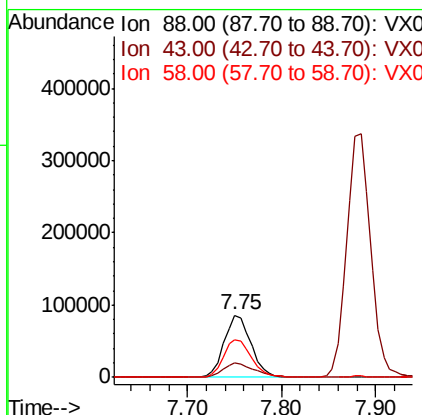
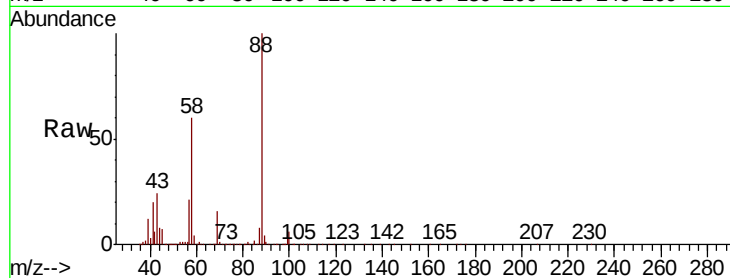
#49
1,4-Dioxane
Concen: 909.132 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.5	23.2	34.8
58	63.3	51.4	77.0

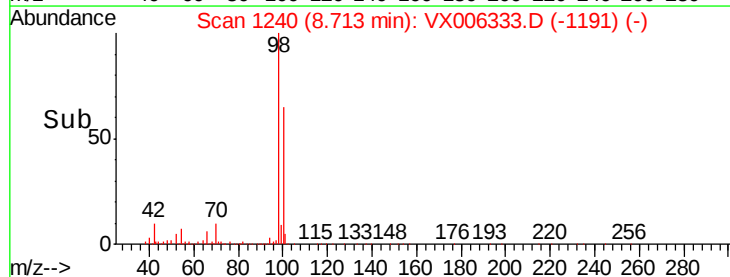
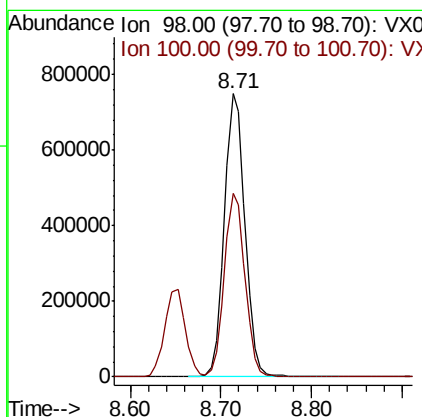
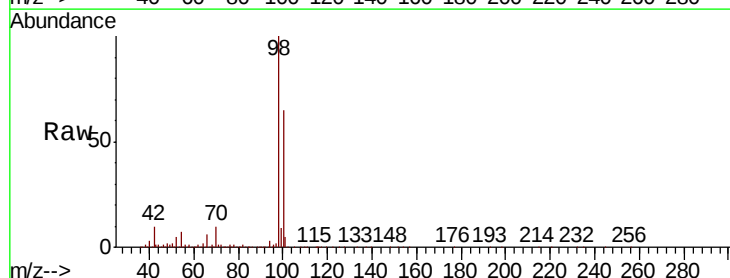
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#50
Toluene-d8
Concen: 50.454 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 233.482 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2123097

Ion Ratio Lower Upper

43 100

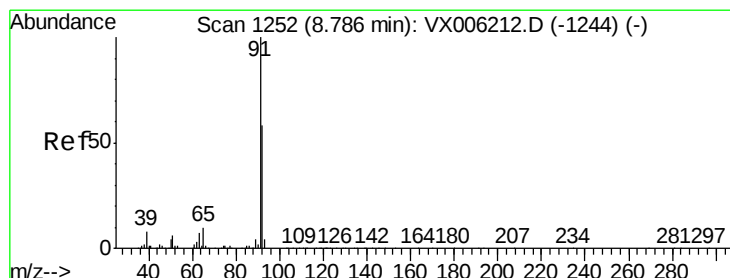
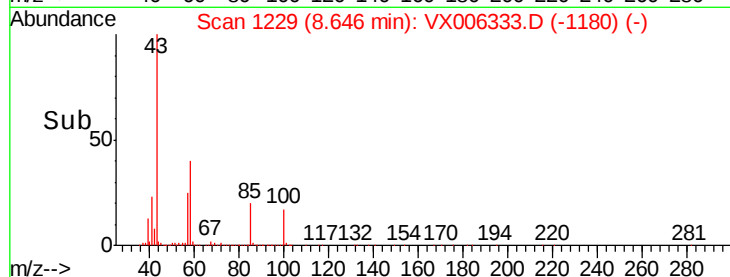
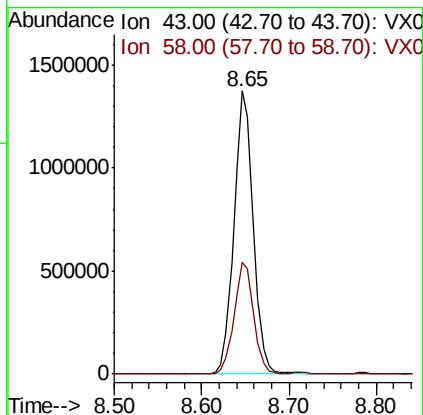
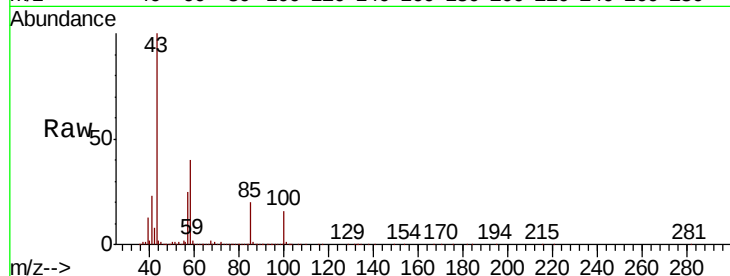
58 39.8 31.3 46.9

Manual Integrations

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12/7/2018 11:19:35 AM



#52

Toluene

Concen: 49.524 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006333.D

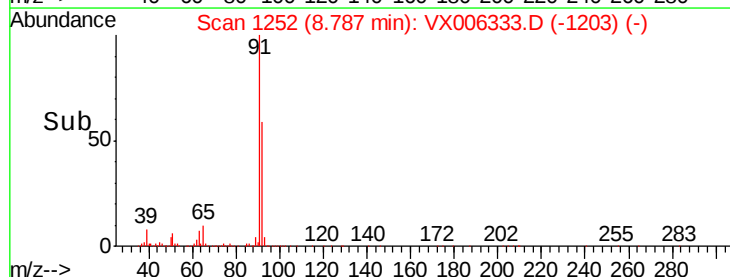
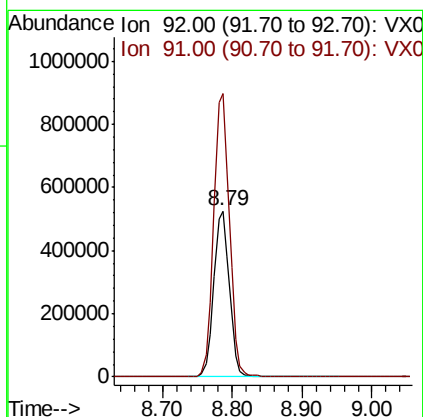
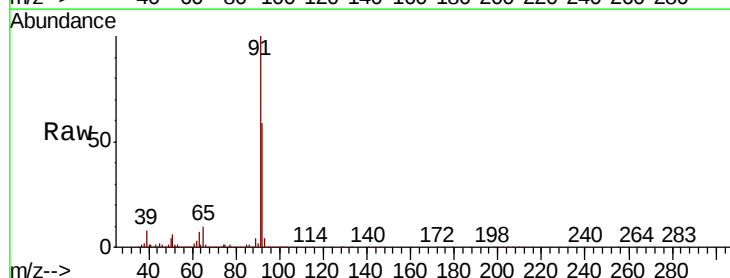
Acq: 06 Dec 2018 21:50

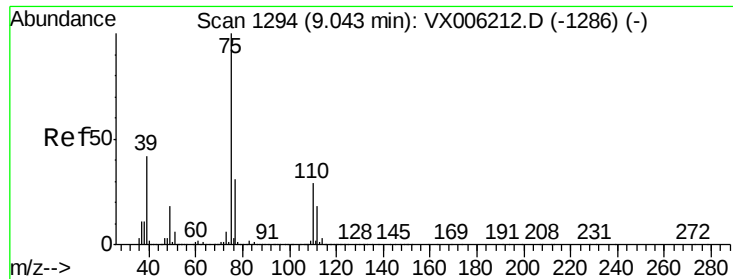
Tgt Ion: 92 Resp: 816381

Ion Ratio Lower Upper

92 100

91 172.1 139.2 208.8





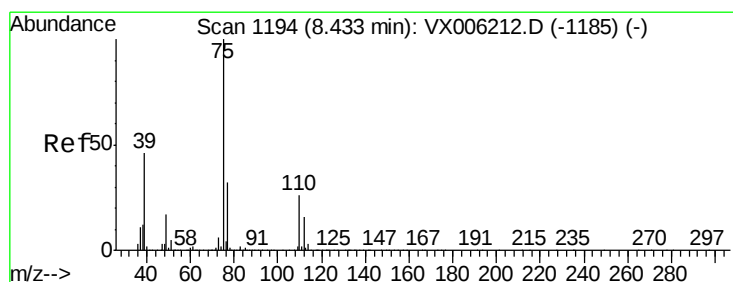
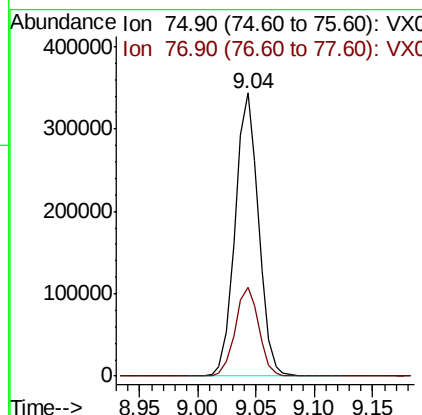
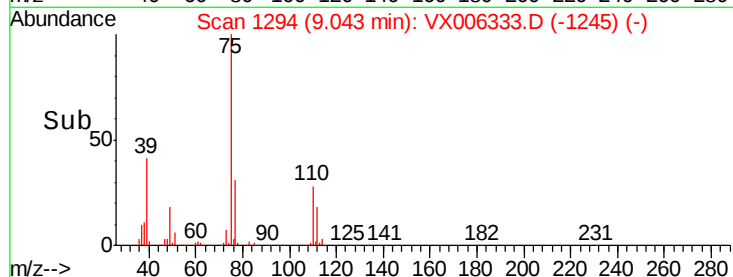
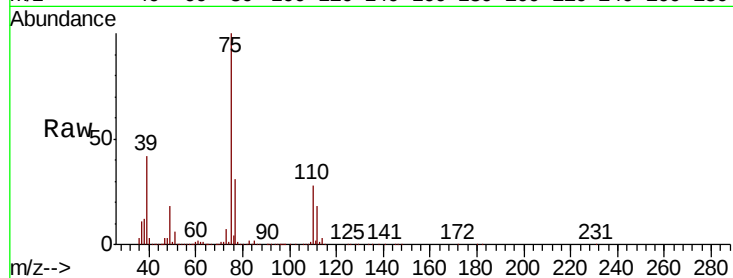
#53
t-1,3-Dichloropropene
Concen: 46.423 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4

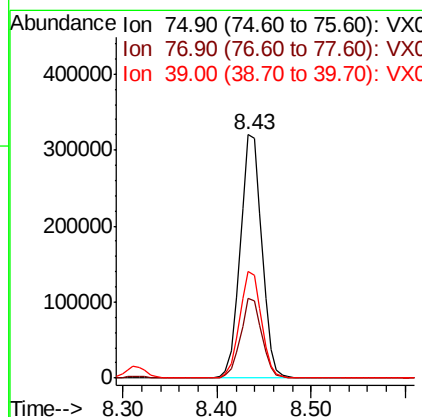
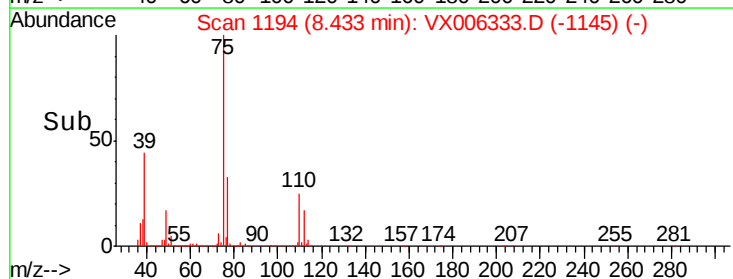
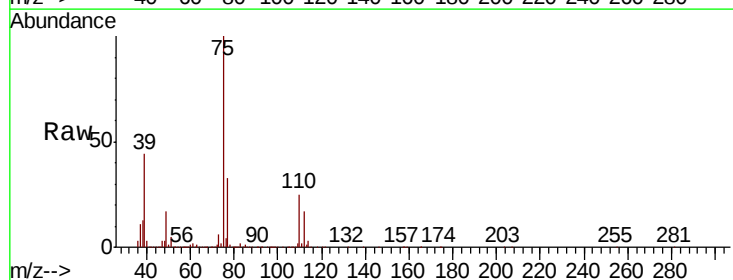
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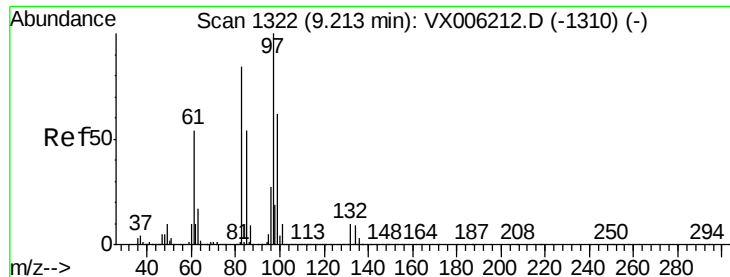
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#54
cis-1,3-Dichloropropene
Concen: 47.213 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.6	38.4
39	43.8	36.5	54.7





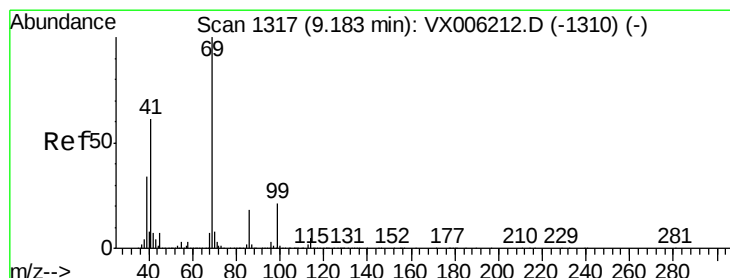
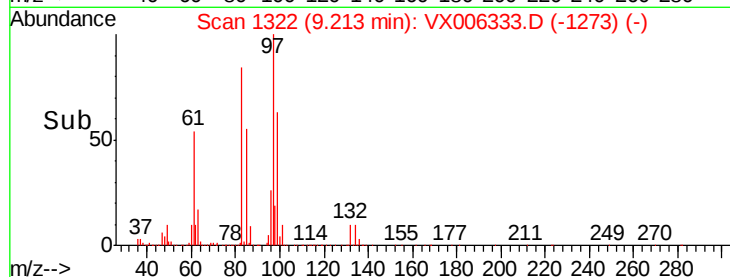
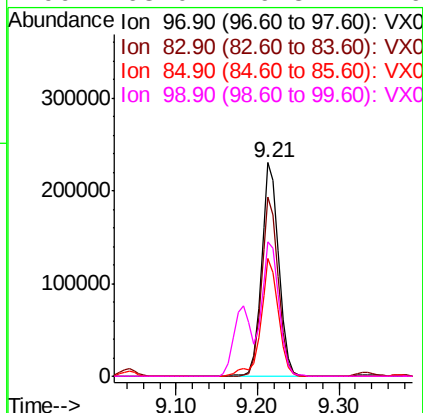
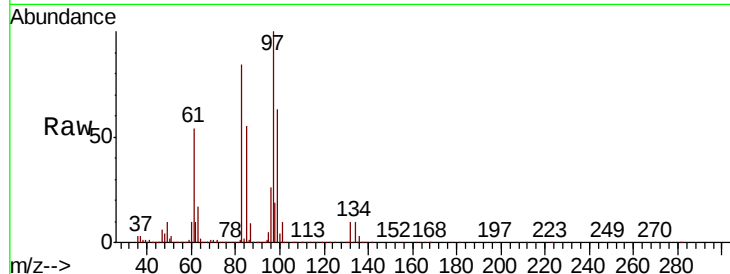
#55
 1,1,2-Trichloroethane
 Concen: 50.892 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	340819
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.1	100.7
85	55.2	43.2	64.8
99	63.0	49.8	74.6

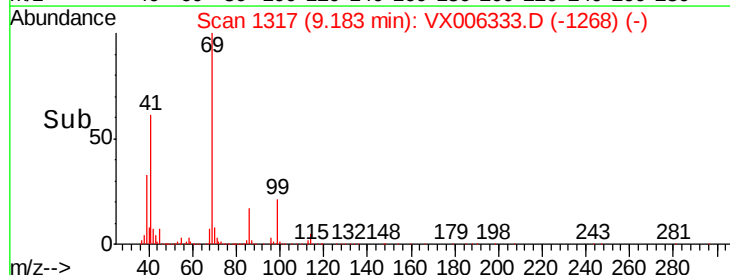
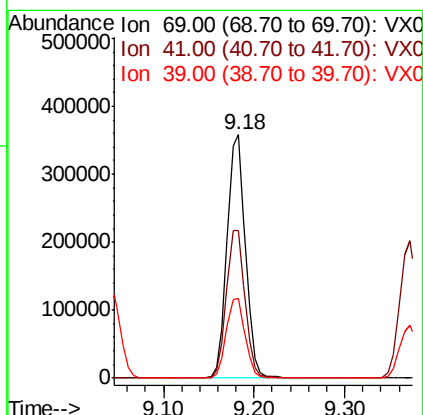
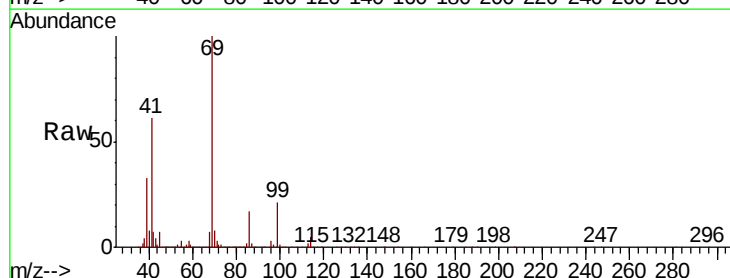
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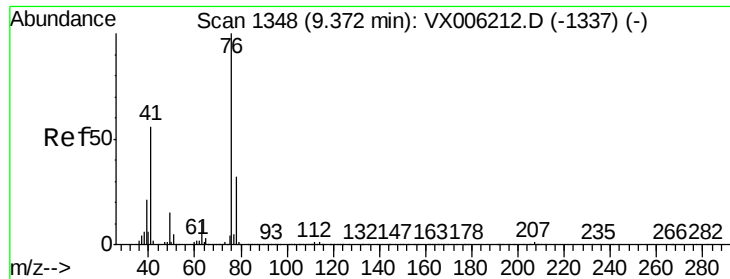
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#56
 Ethyl methacrylate
 Concen: 48.136 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Tgt Ion:	69	Resp:	503954
Ion	Ratio	Lower	Upper
69	100		
41	61.7	50.6	76.0
39	33.3	27.6	41.4





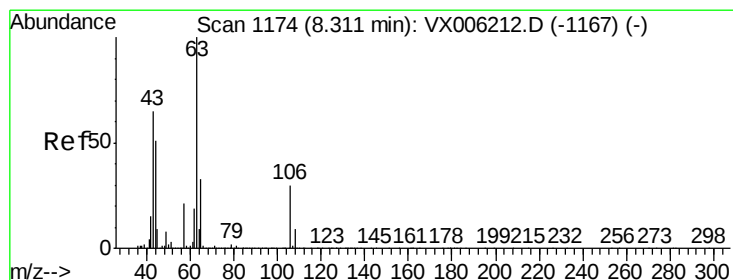
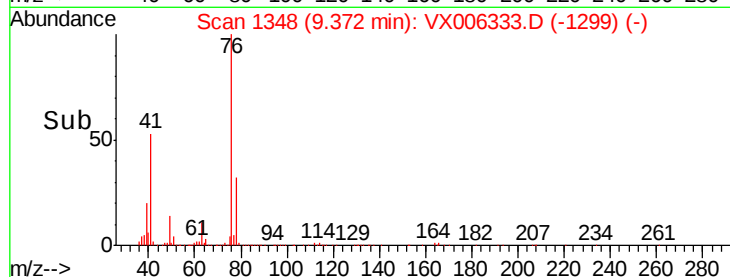
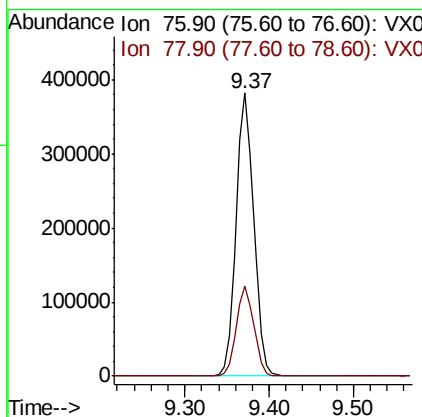
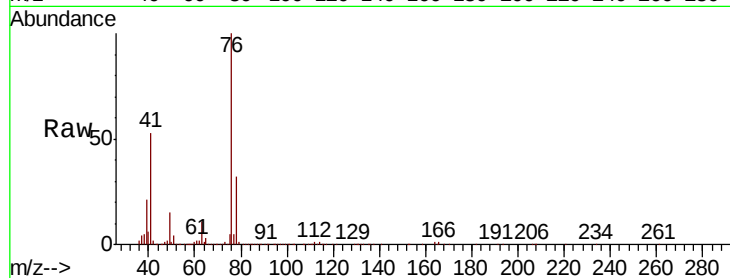
#57
 1,3-Dichloropropane
 Concen: 50.755 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 537485
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.1 39.1

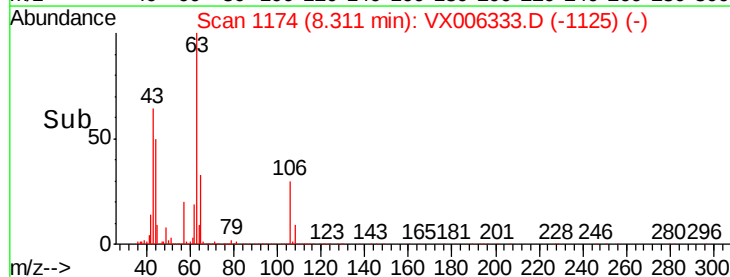
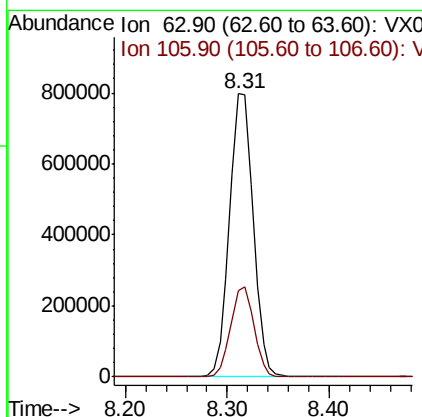
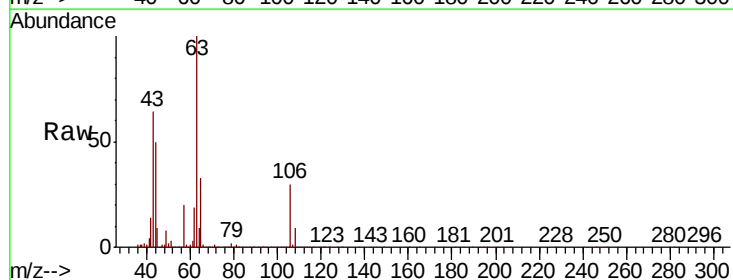
Manual Integrations
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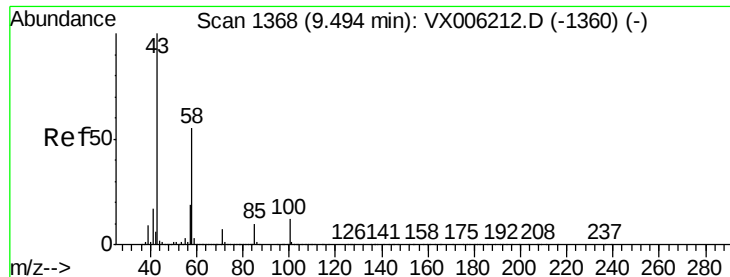
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.275 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Tgt Ion: 63 Resp: 1276516
 Ion Ratio Lower Upper
 63 100
 106 31.4 24.9 37.3





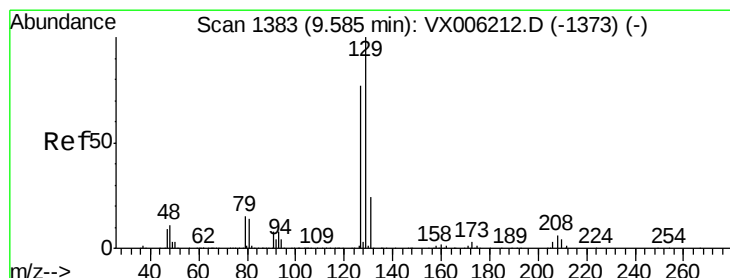
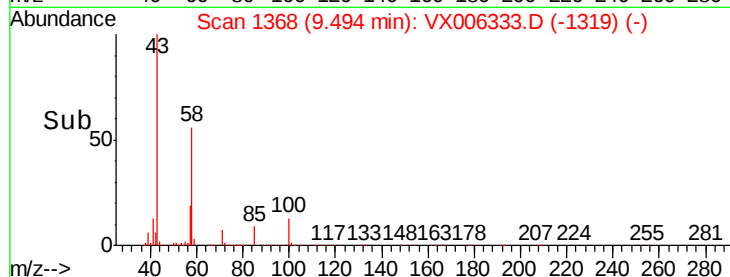
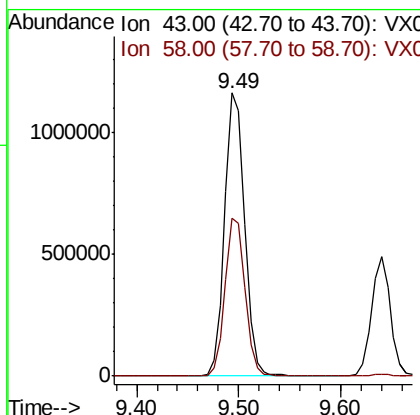
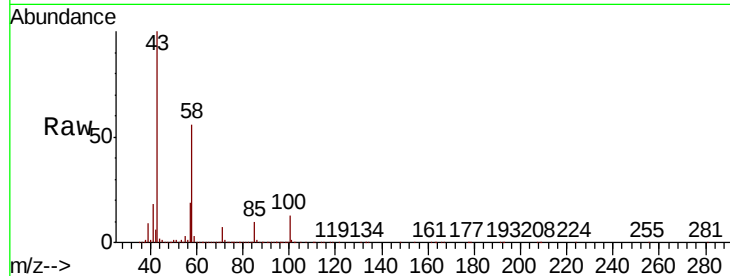
#59
2-Hexanone
Concen: 227.485 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1580393
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.1

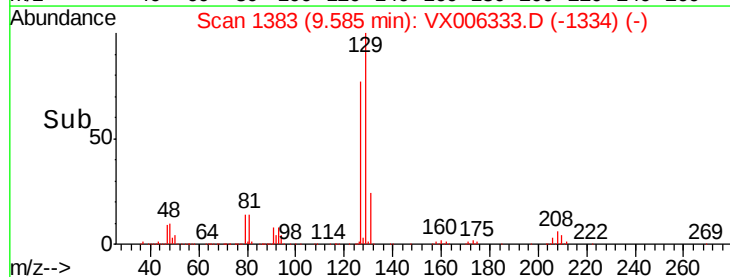
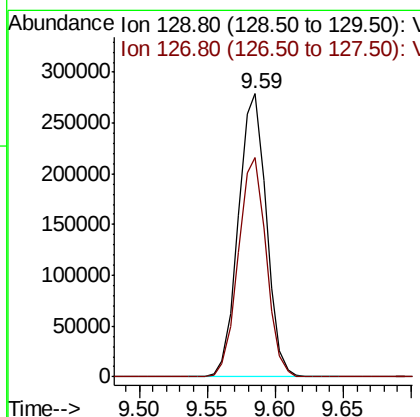
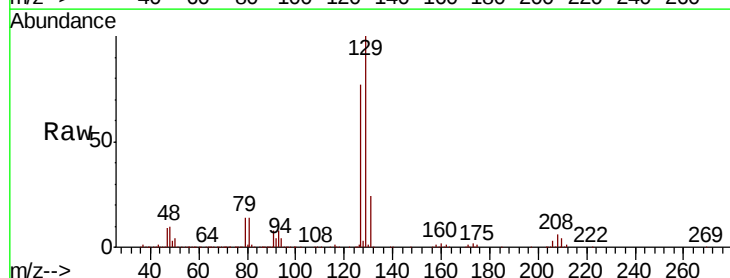
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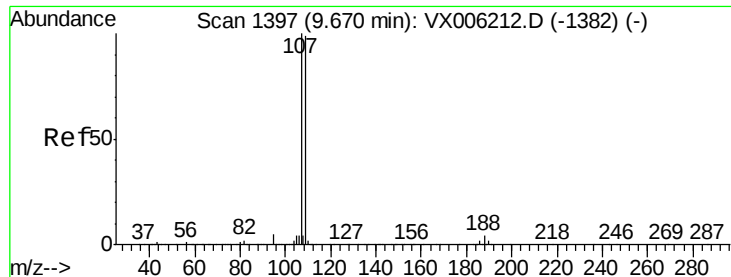
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#60
Dibromochloromethane
Concen: 48.471 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 129 Resp: 400274
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





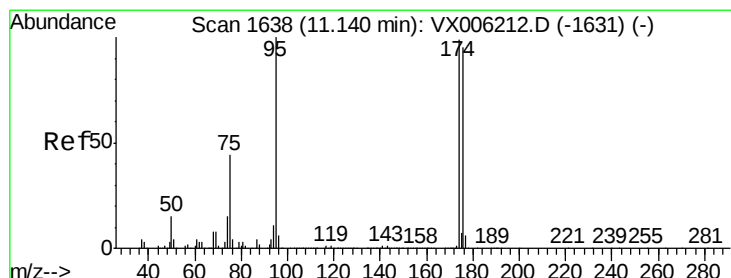
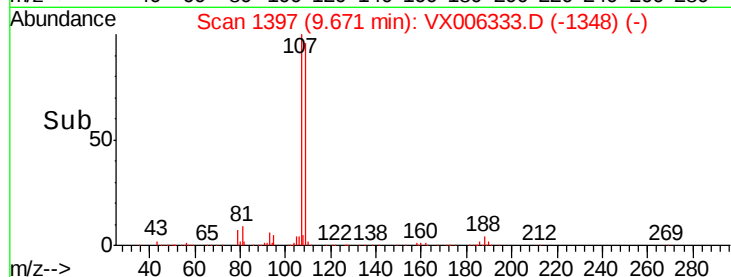
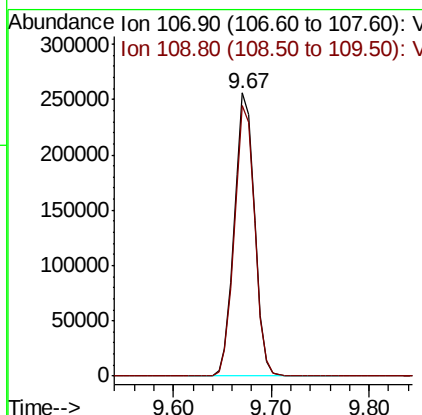
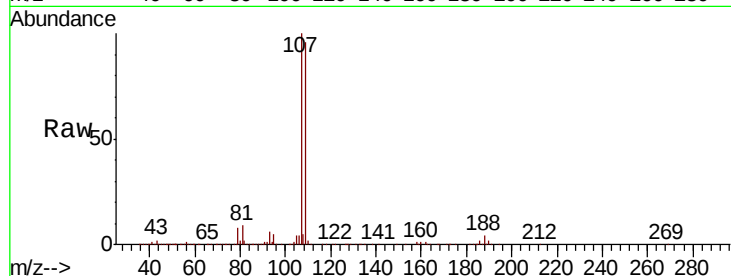
#61
 1,2-Dibromoethane
 Concen: 48.964 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.8	76.3	114.5

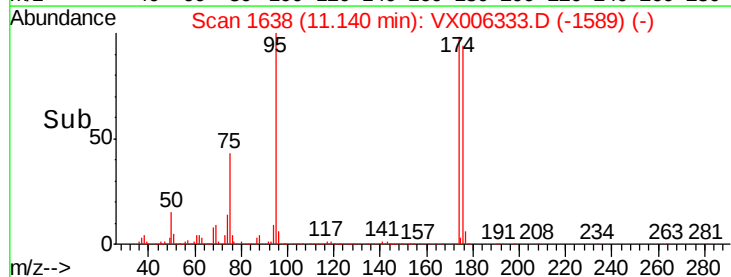
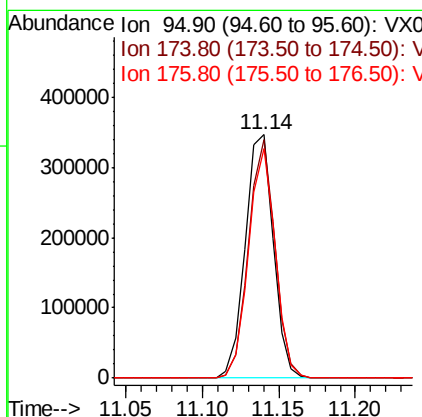
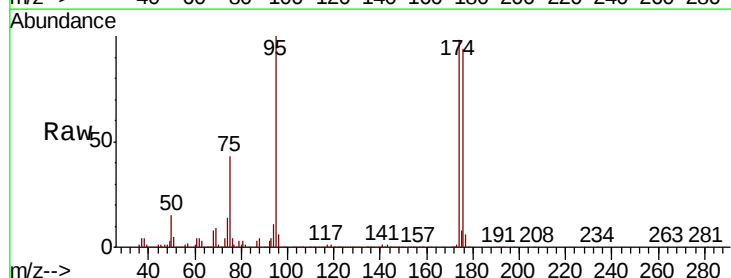
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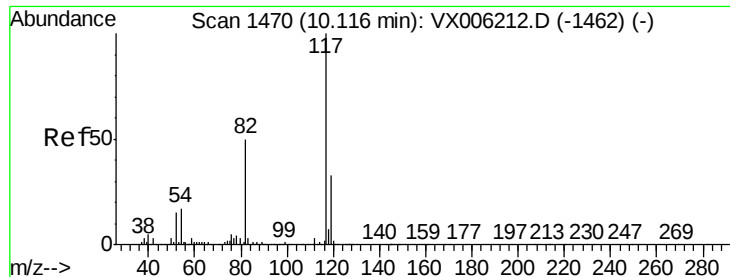
MMDadoda
 12/7/2018 11:19:35 AM



#62
 4-Bromofluorobenzene
 Concen: 50.266 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	187.0
176	89.8	0.0	181.8





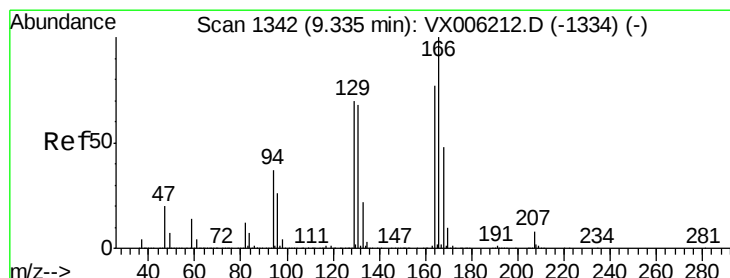
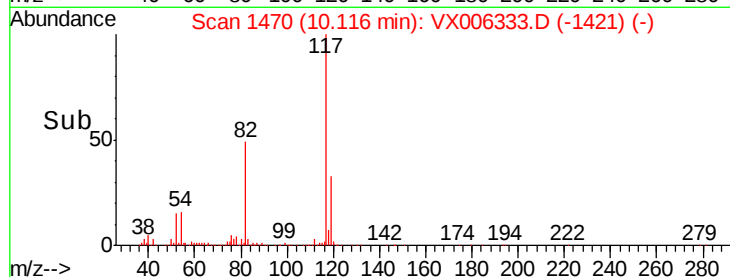
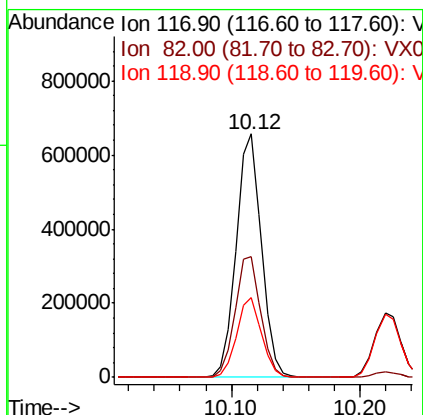
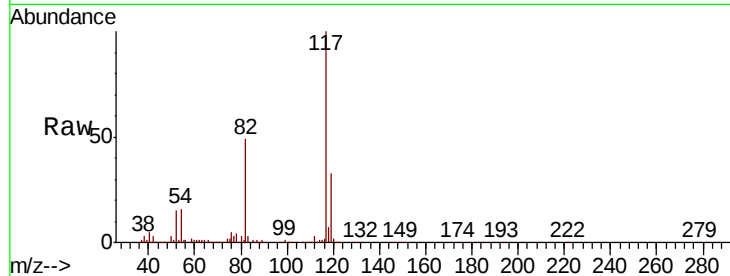
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	39.6	59.4
119	32.7	26.3	39.5

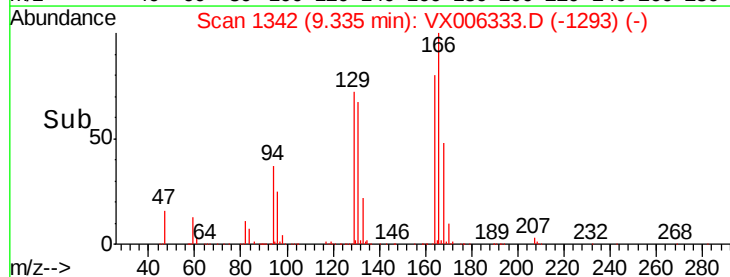
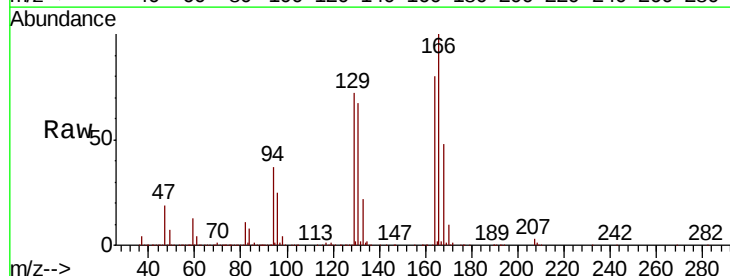
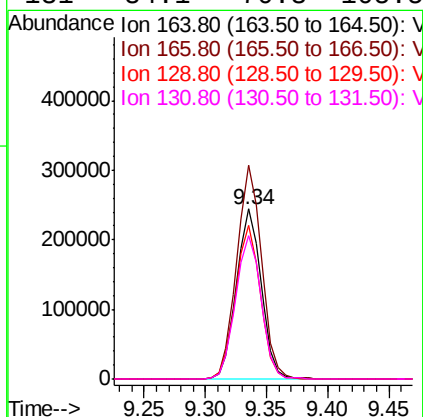
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#64
Tetrachloroethene
Concen: 50.772 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	104.2	156.2
129	90.7	72.6	108.8
131	84.1	70.3	105.5





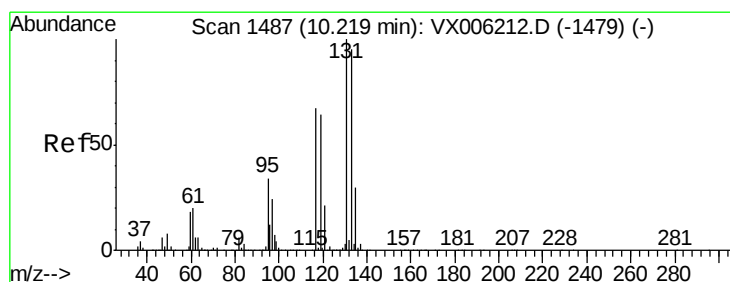
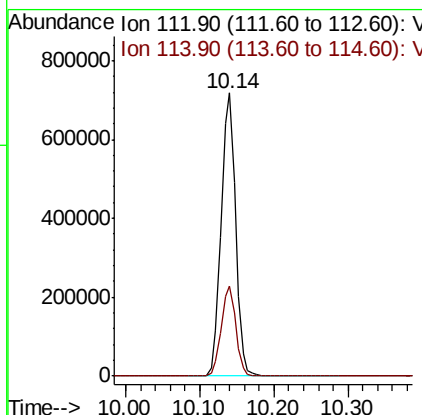
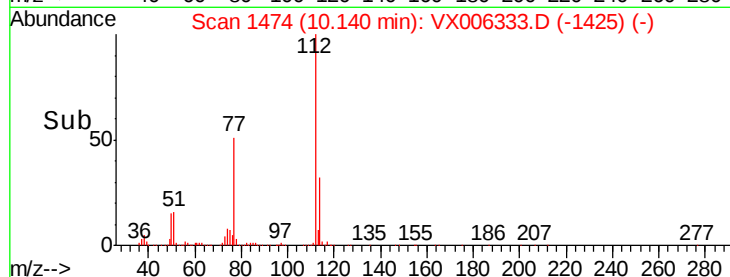
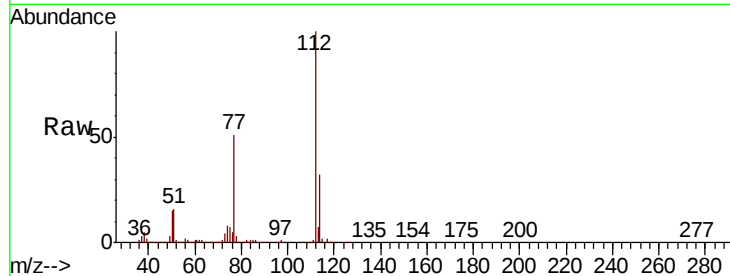
#65
Chlorobenzene
Concen: 50.834 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.2

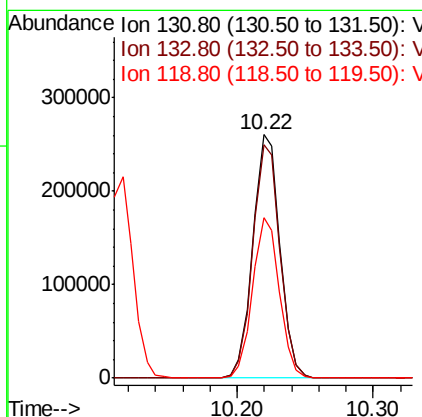
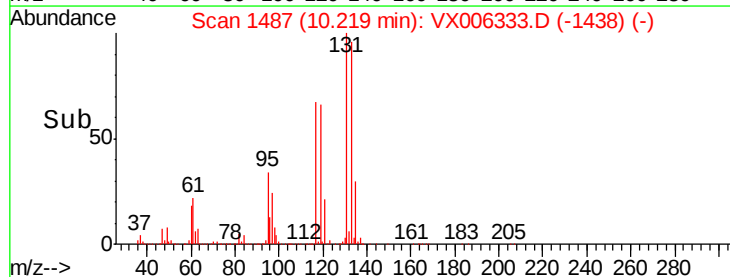
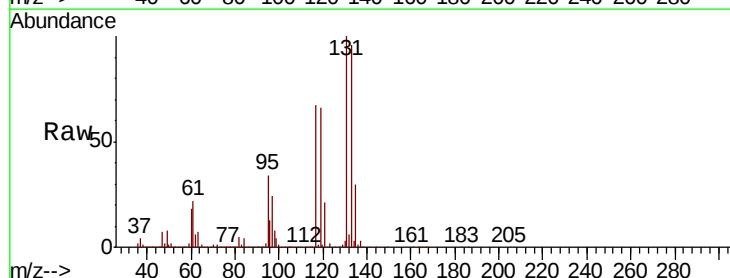
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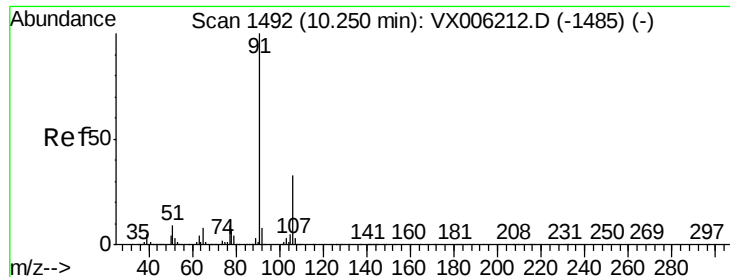
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.496 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	48.1	144.4
119	65.6	32.1	96.3





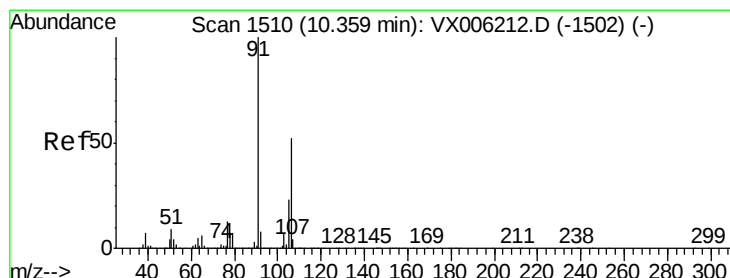
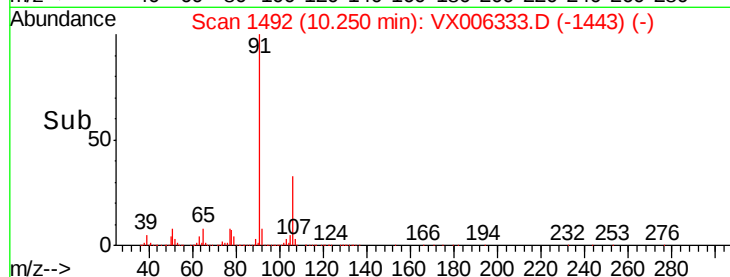
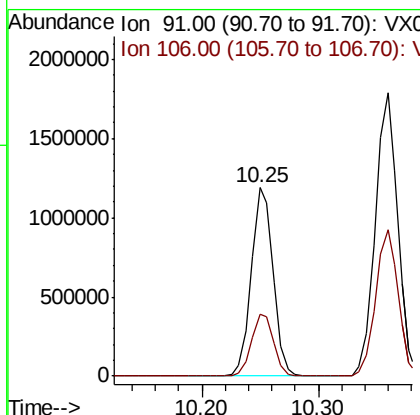
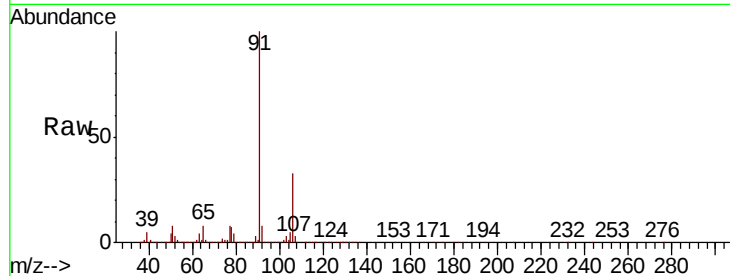
#67
Ethyl Benzene
Concen: 49.235 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1554427
Ion Ratio Lower Upper
91 100
106 33.1 26.5 39.7

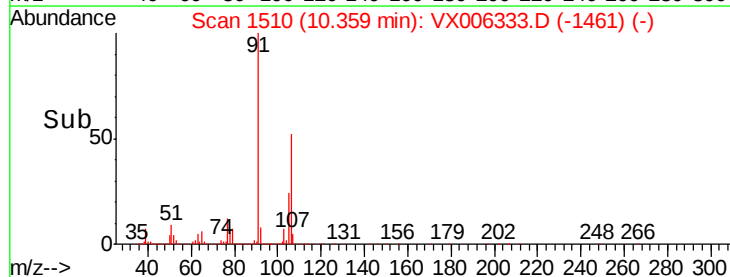
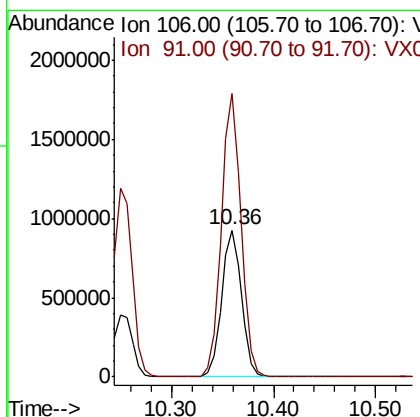
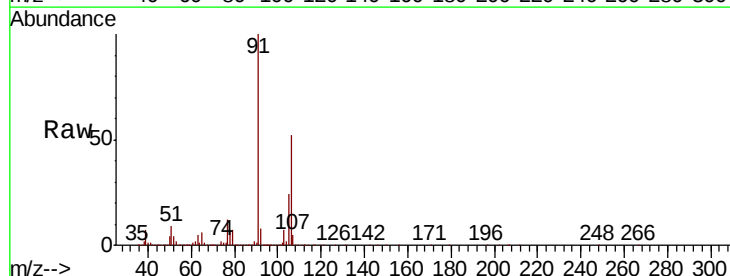
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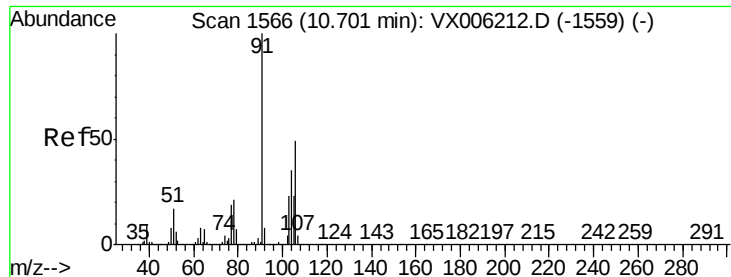
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#68
m/p-Xylenes
Concen: 98.643 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion: 106 Resp: 1247507
Ion Ratio Lower Upper
106 100
91 191.8 155.2 232.8





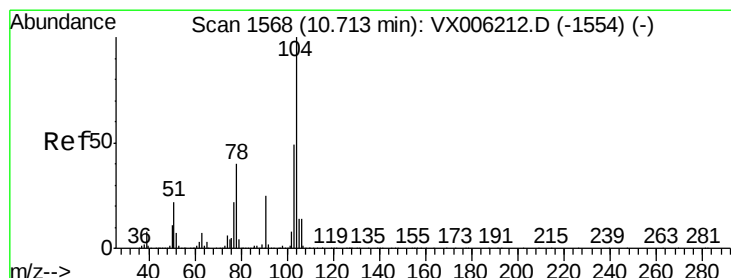
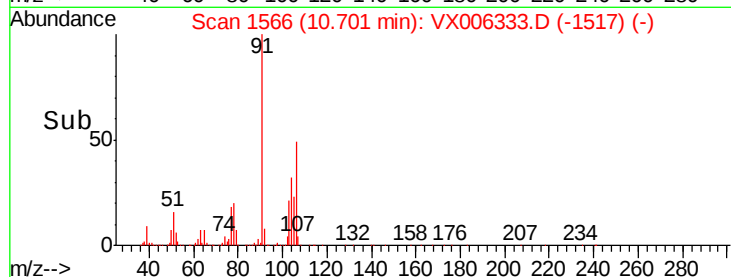
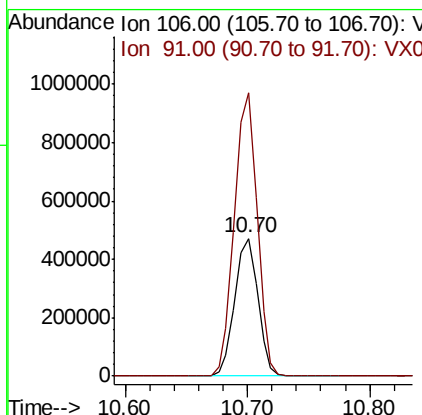
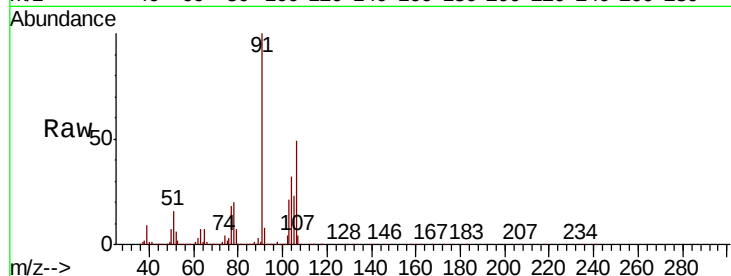
#69
o-Xylene
Concen: 49.251 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.5	101.8	305.6

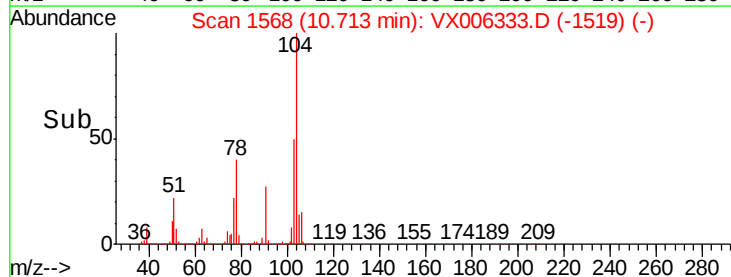
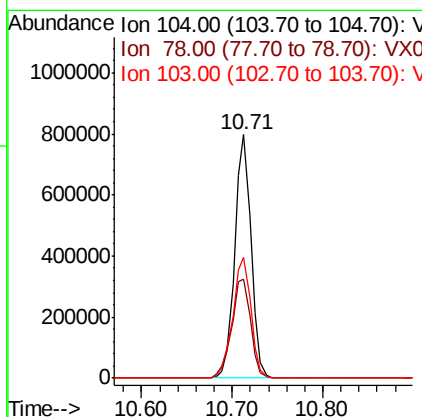
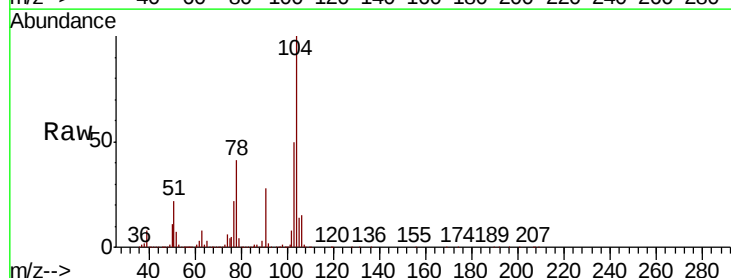
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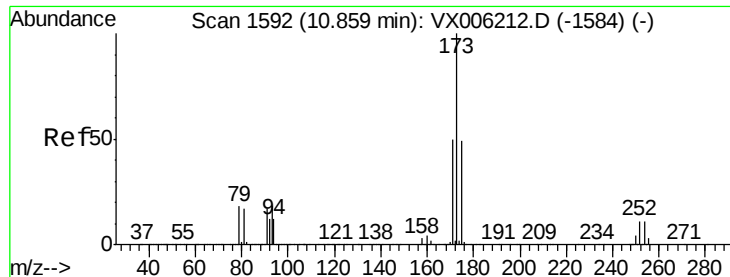
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#70
Styrene
Concen: 49.137 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.2	55.8
103	55.5	43.5	65.3





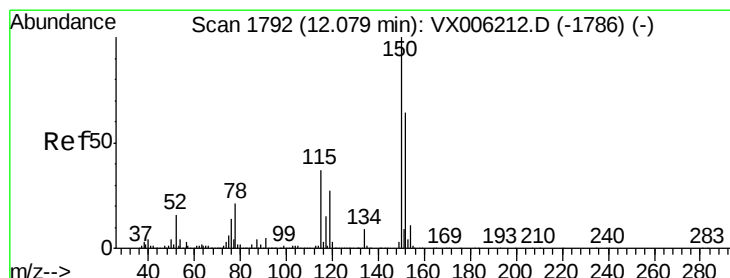
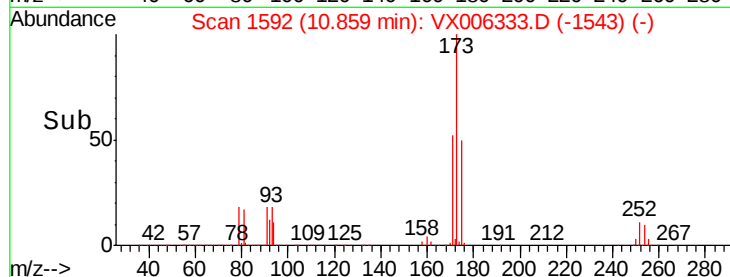
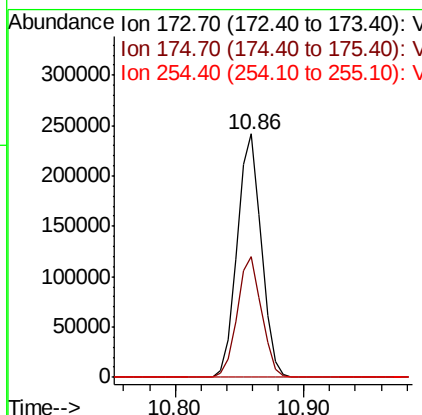
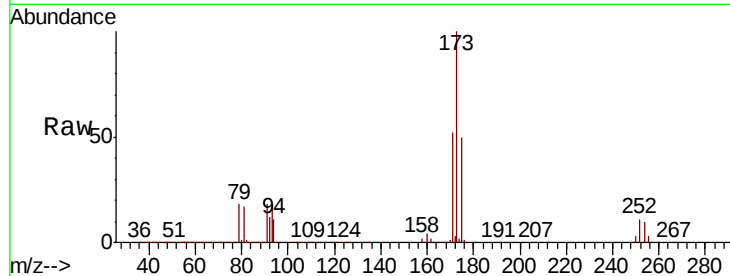
#71
Bromoform
Concen: 45.332 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.6	73.8
254	0.2	0.2	0.2

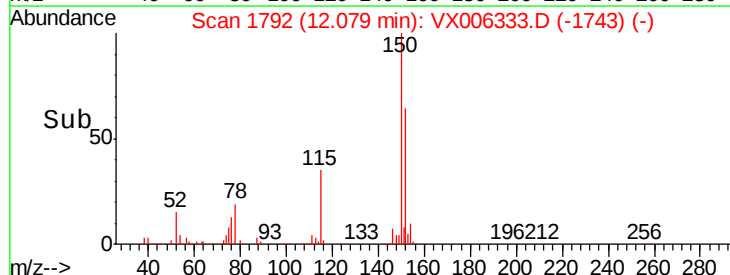
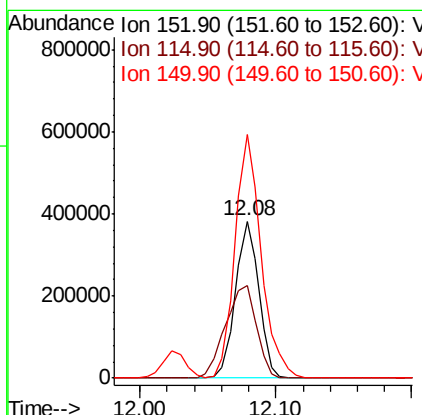
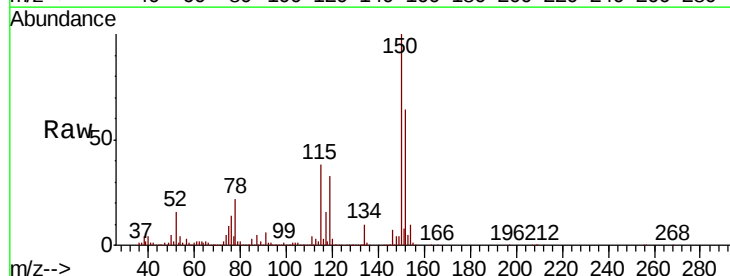
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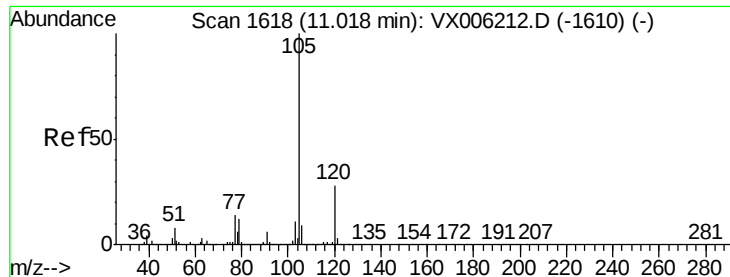
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.4	39.0	116.9
150	174.2	0.0	345.8





#73

Isopropylbenzene

Concen: 52.135 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1638243

Ion Ratio Lower Upper

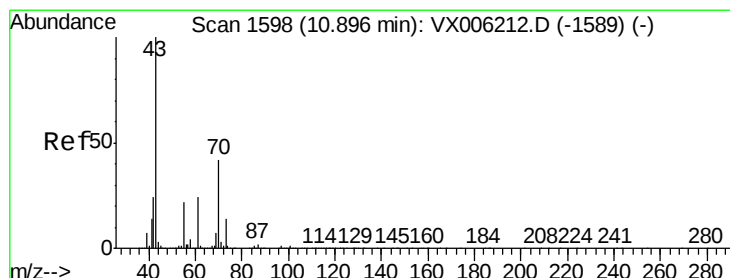
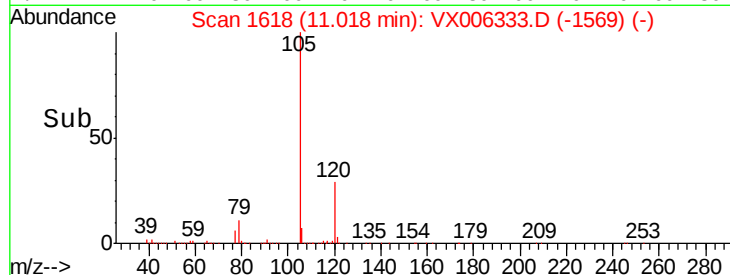
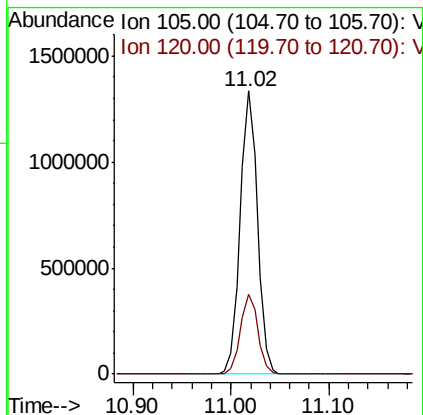
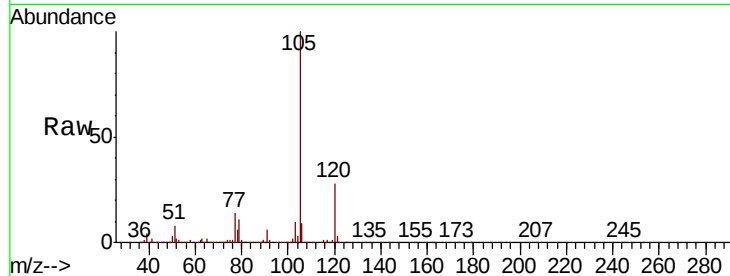
105 100

120 28.4 14.1 42.3

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#74

N-ethyl acetate

Concen: 46.289 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Tgt Ion: 43 Resp: 626360

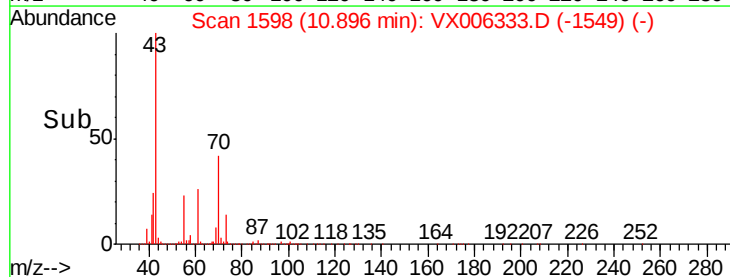
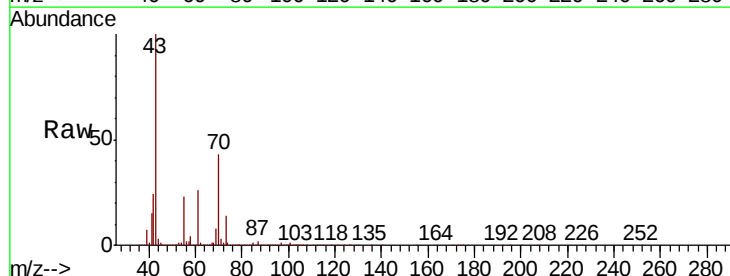
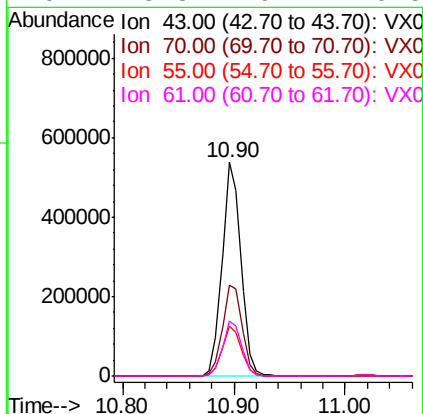
Ion Ratio Lower Upper

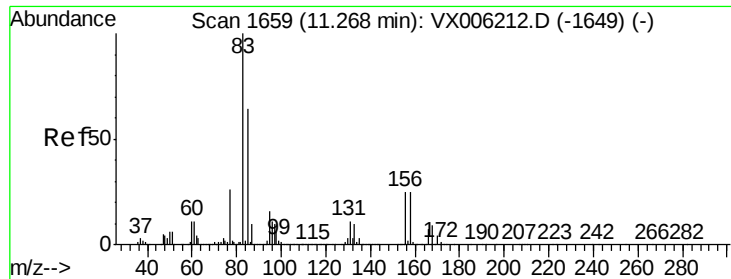
43 100

70 44.3 34.1 51.1

55 23.5 17.8 26.8

61 25.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.452 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 497135

Ion Ratio Lower Upper

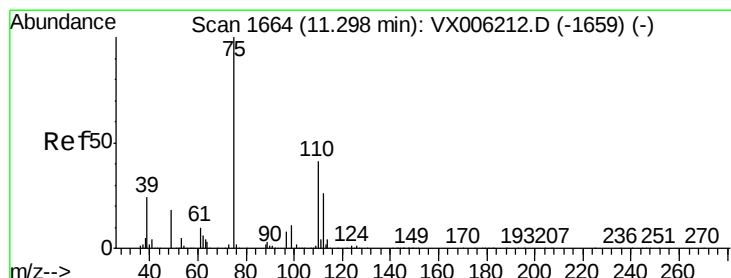
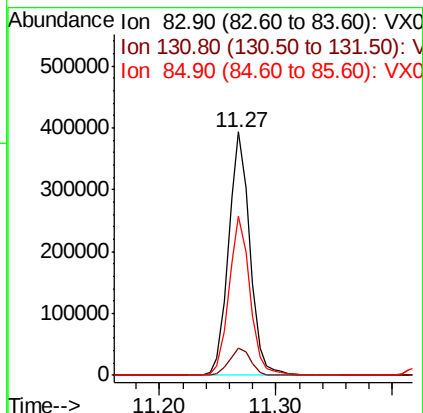
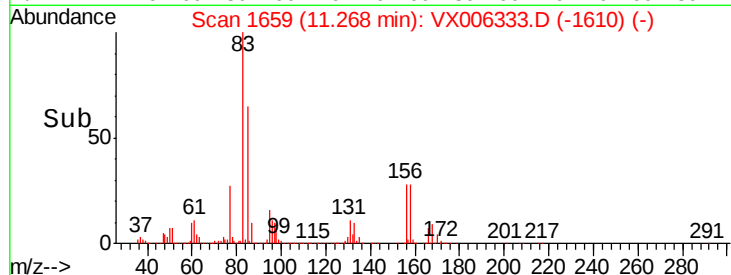
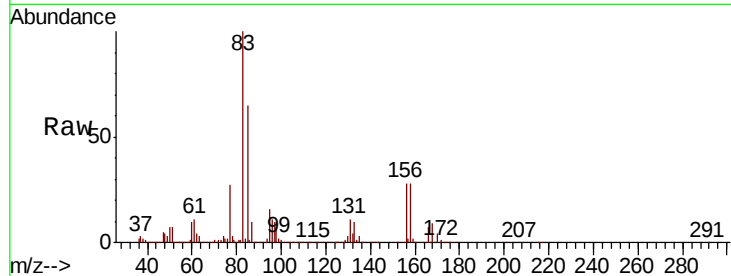
83 100

131 11.5 5.7 17.1

85 65.0 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 52.579 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006333.D

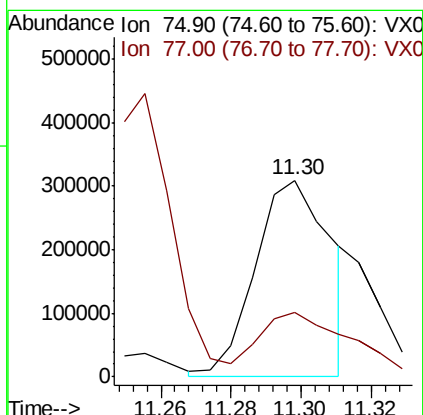
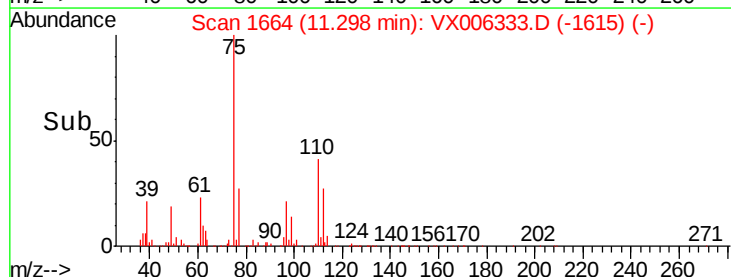
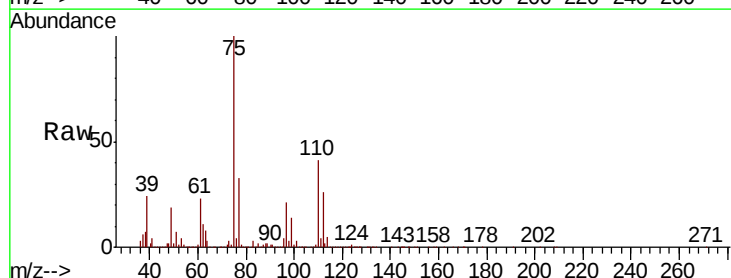
Acq: 06 Dec 2018 21:50

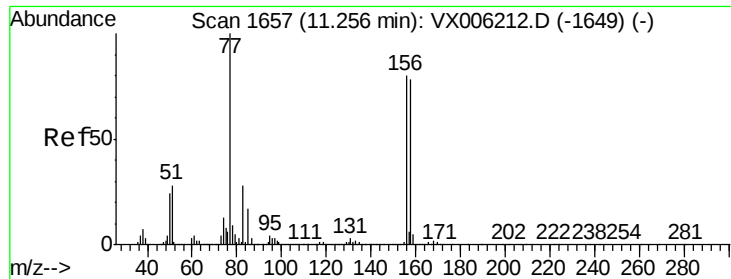
Tgt Ion: 75 Resp: 461785

Ion Ratio Lower Upper

75 100

77 39.9 19.9 59.7





#77

Bromobenzene

Concen: 51.101 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

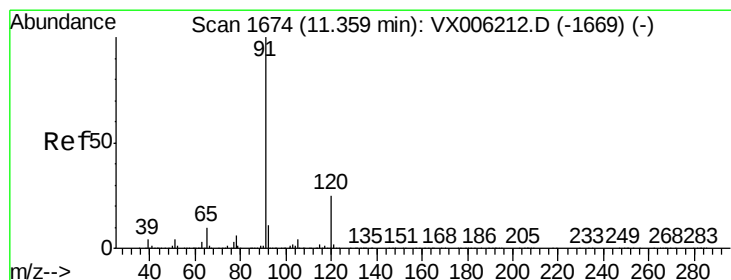
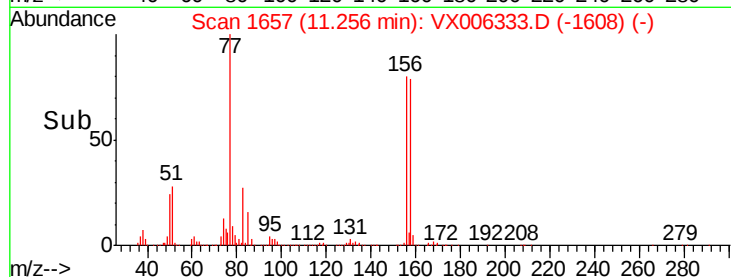
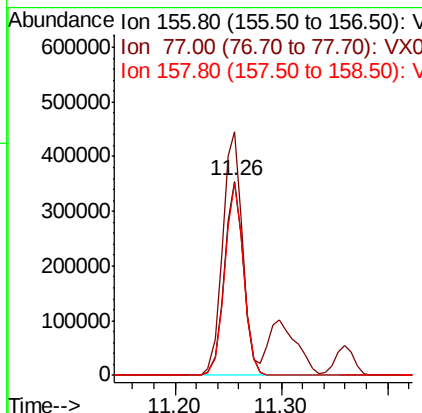
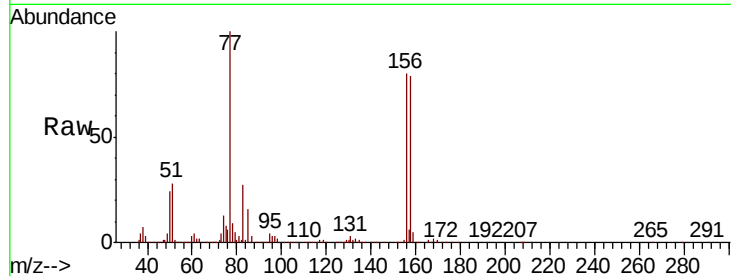
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	445623
Ion Ratio	Lower	Upper	
156	100		
77	130.8	66.2	198.6
158	98.2	48.8	146.4

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#78

n-propylbenzene

Concen: 50.886 ug/l

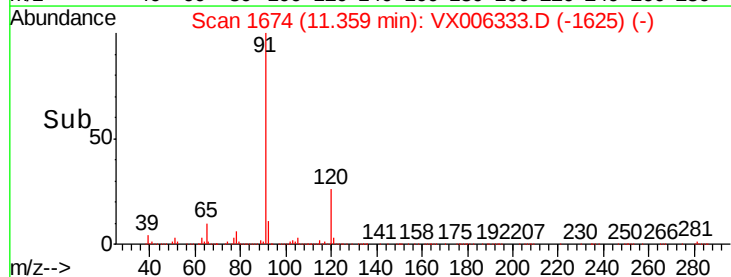
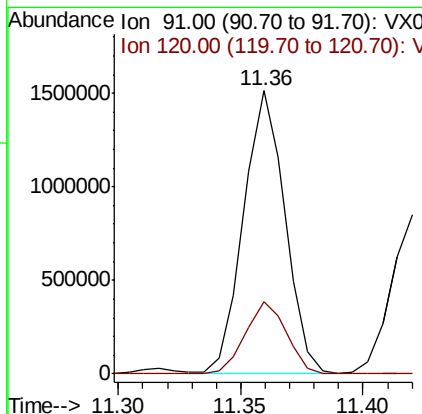
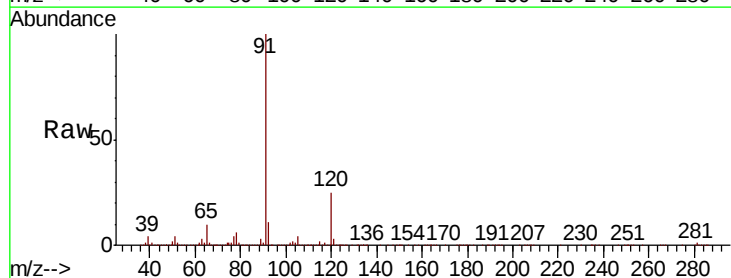
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Tgt Ion:	91	Resp:	1777444
Ion Ratio	Lower	Upper	
91	100		
120	25.6	12.7	38.0





#79

2-Chlorotoluene

Concen: 50.783 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1054303

Ion Ratio Lower Upper

91 100

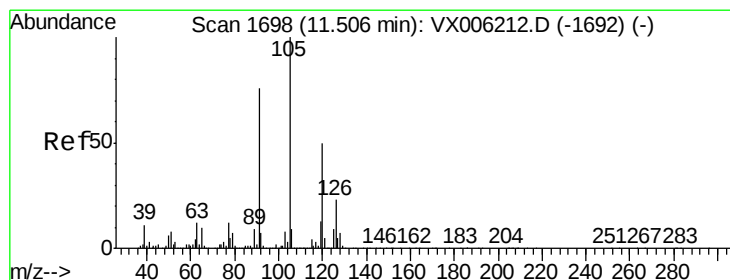
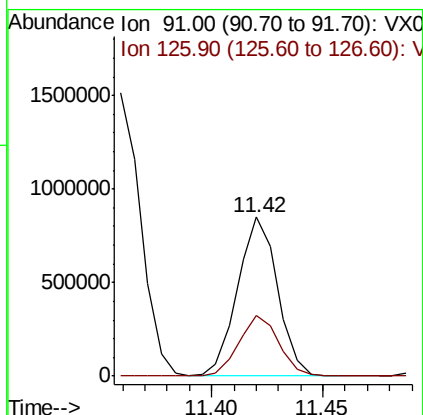
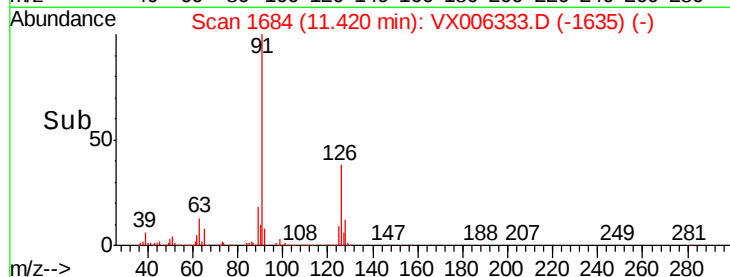
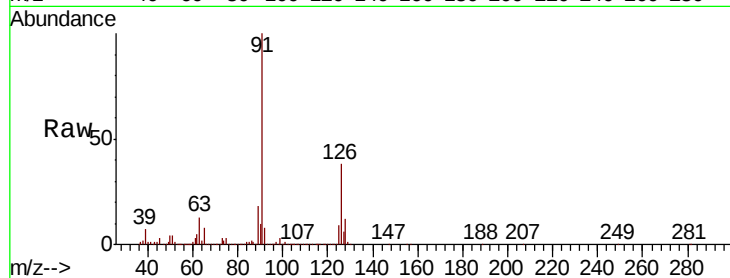
126 38.2 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 51.224 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006333.D

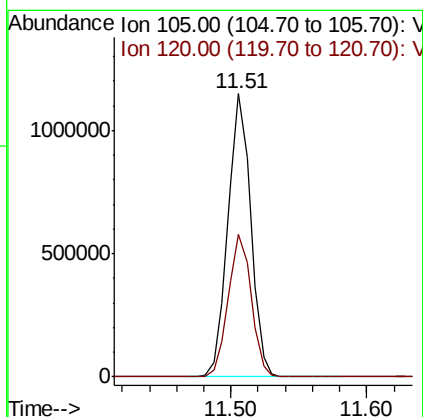
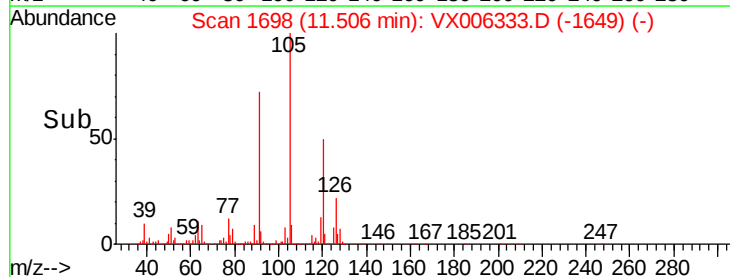
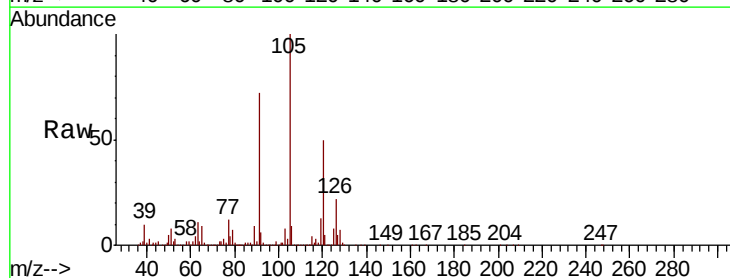
Acq: 06 Dec 2018 21:50

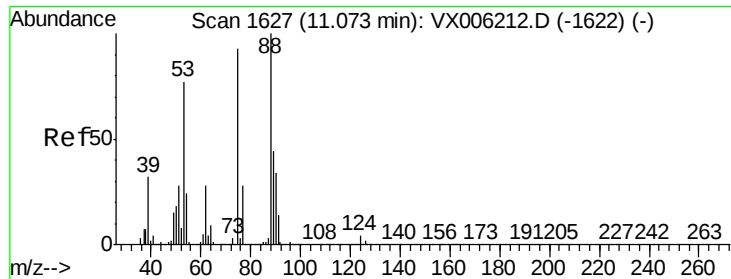
Tgt Ion: 105 Resp: 1339257

Ion Ratio Lower Upper

105 100

120 50.8 25.4 76.0





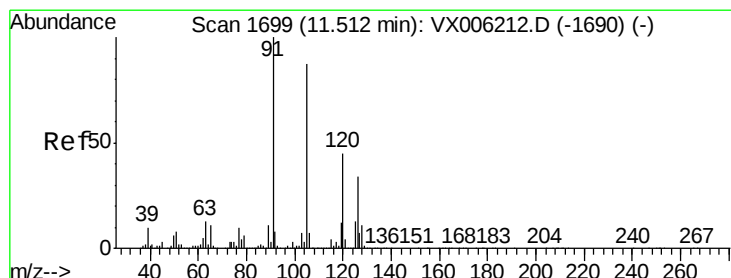
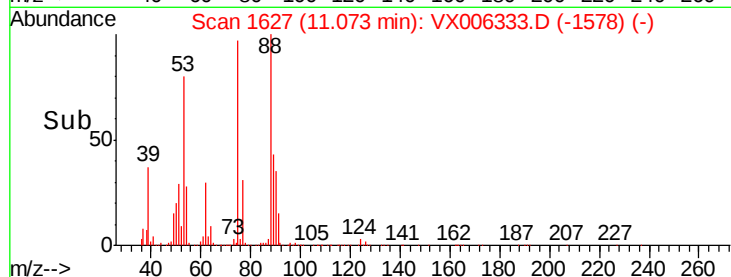
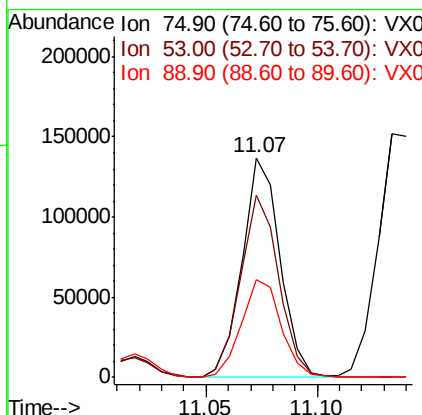
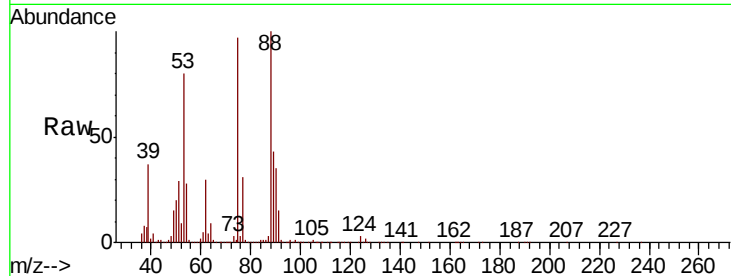
#81
trans-1,4-Dichloro-2-butene
Concen: 43.505 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.9	64.4	96.6
89	47.1	44.2	66.4

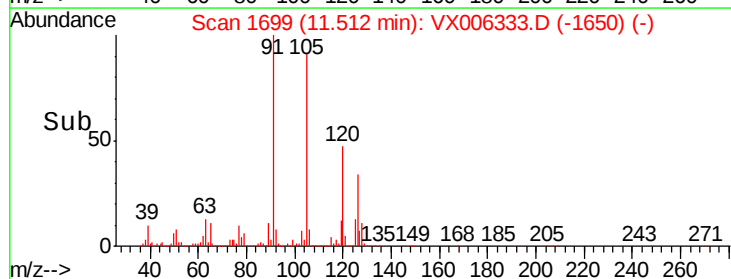
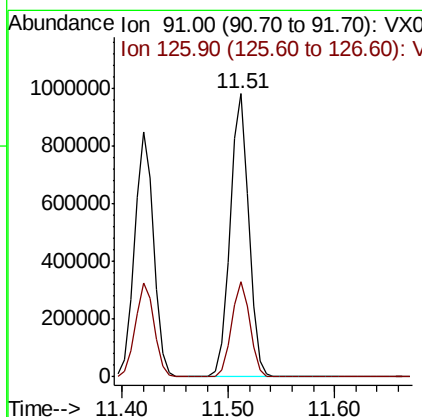
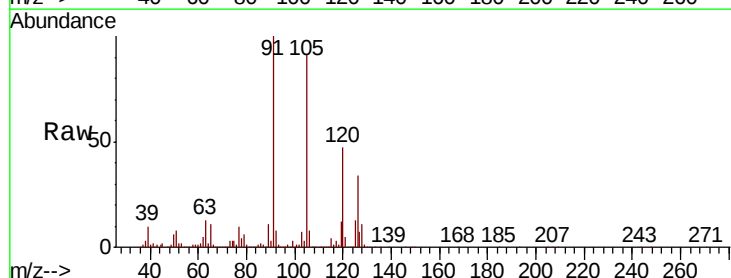
Manual Integrations
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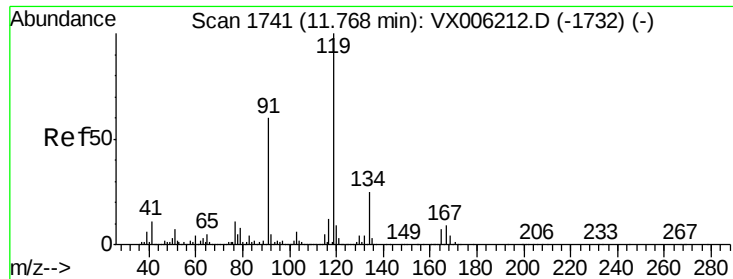
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.063 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.4	49.4





#83

tert-Butylbenzene

Concen: 51.061 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006333.D

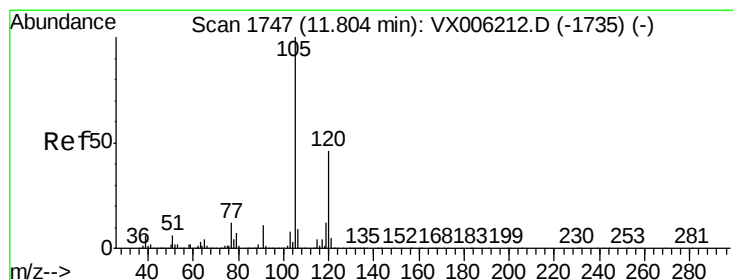
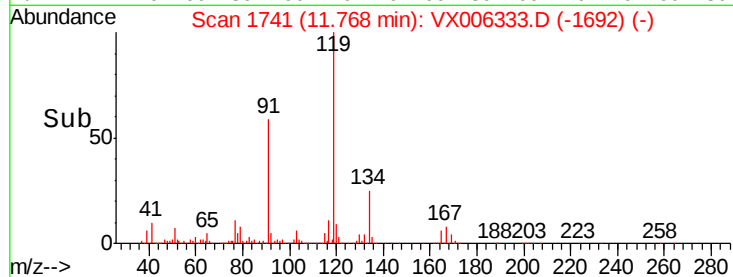
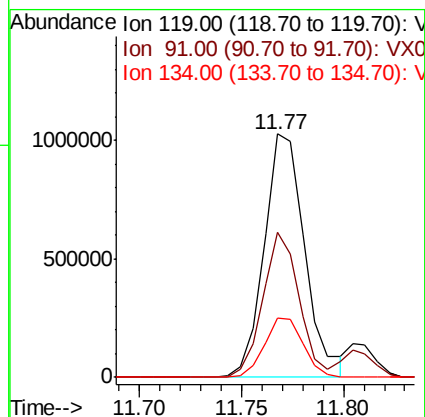
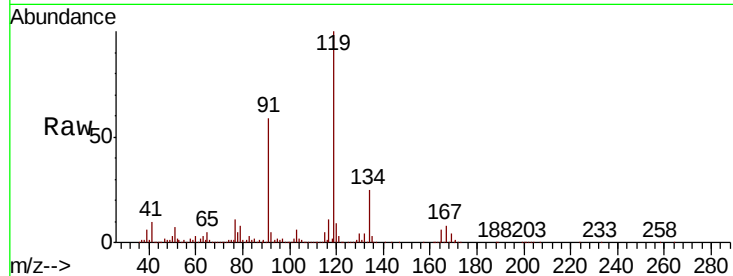
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.0	26.4	79.2
134	23.5	11.6	34.7

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#84

1,2,4-Trimethylbenzene

Concen: 51.276 ug/l

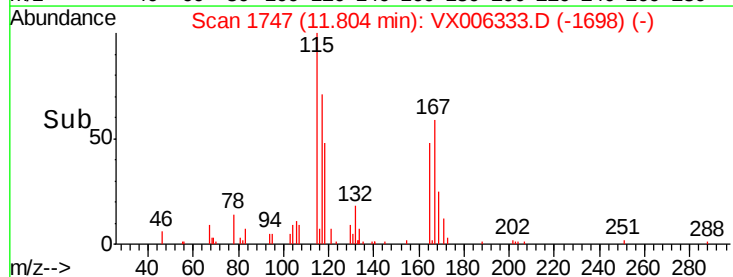
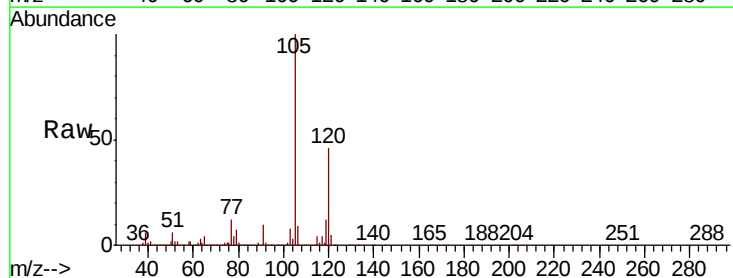
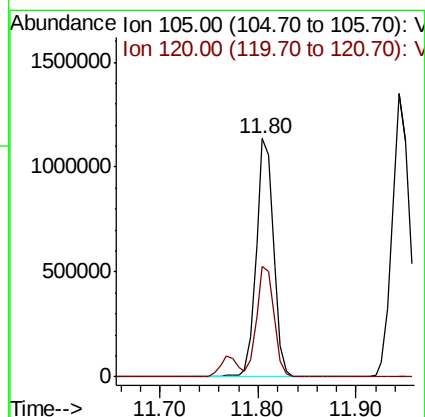
RT: 11.80 min Scan# 1747

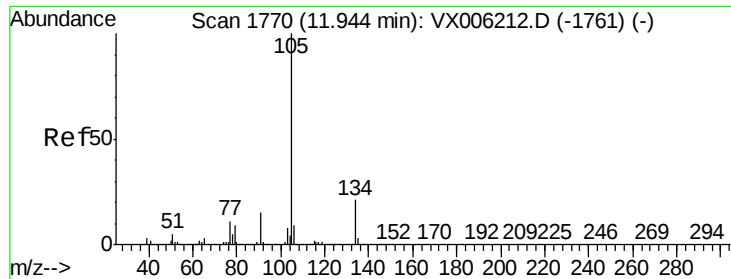
Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.4	70.0





#85

sec-Butylbenzene

Concen: 51.766 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1642815

Ion Ratio Lower Upper

105 100

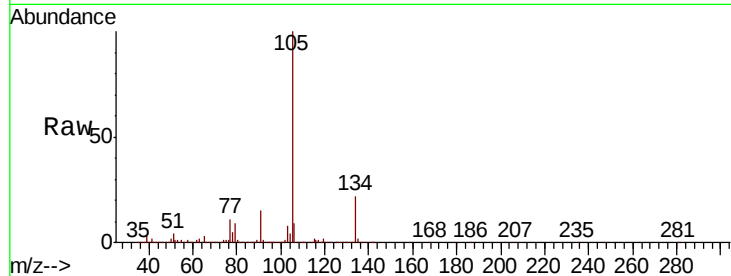
134 22.0 10.8 32.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

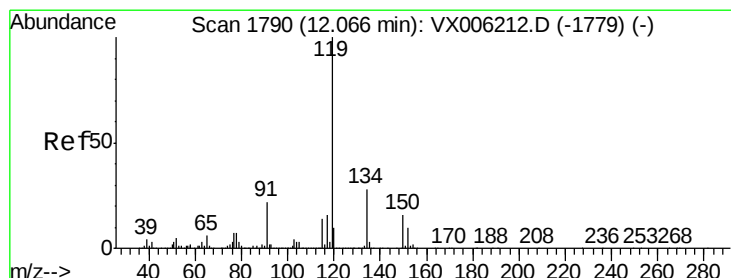
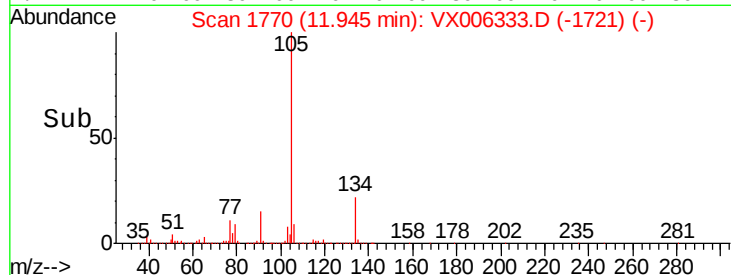
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.225 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

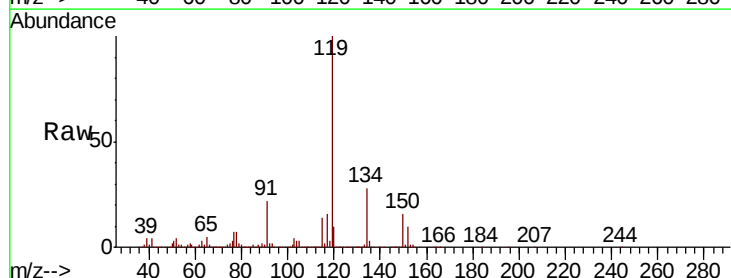
Tgt Ion:119 Resp: 1463836

Ion Ratio Lower Upper

119 100

134 28.1 13.9 41.6

91 22.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

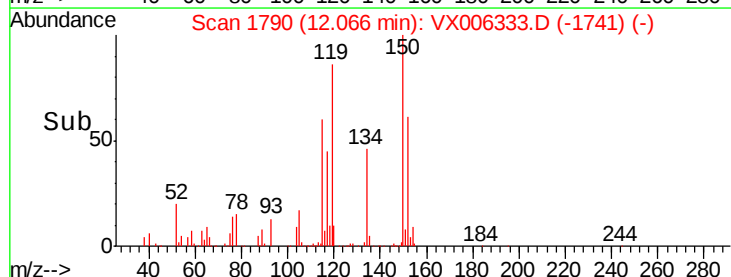
1500000

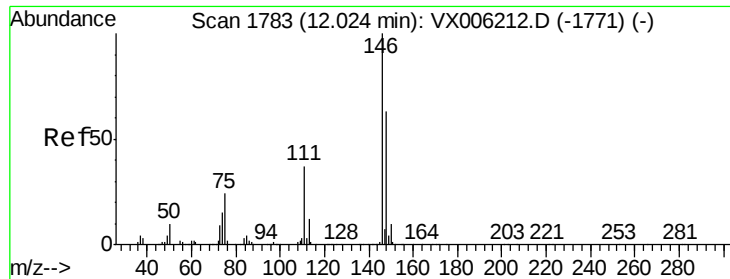
1000000

500000

0

Time-->





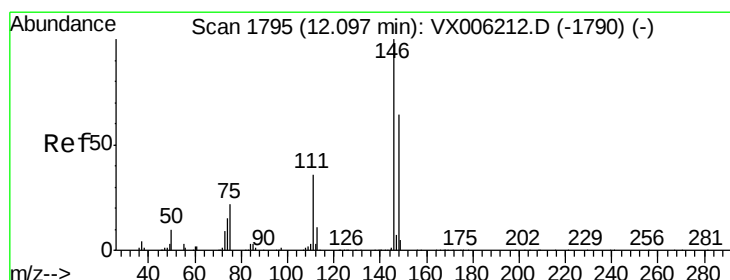
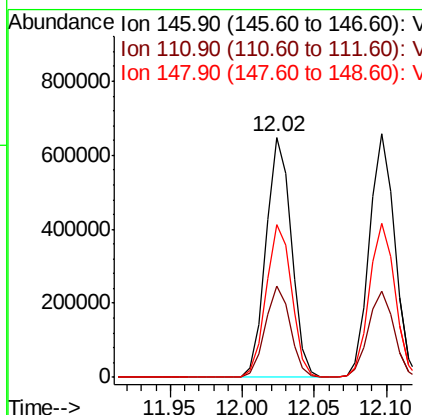
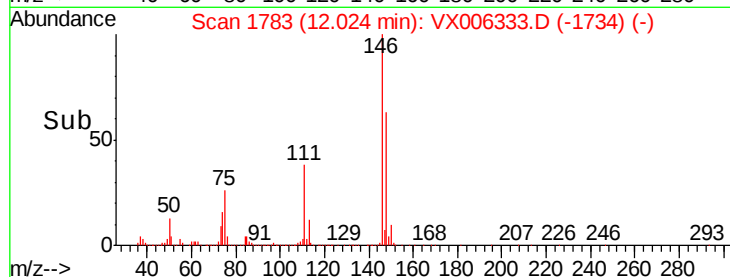
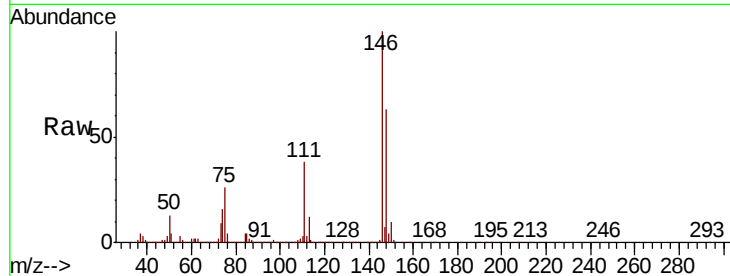
#87
 1,3-Dichlorobenzene
 Concen: 50.787 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.2
148	64.1	32.0	96.0

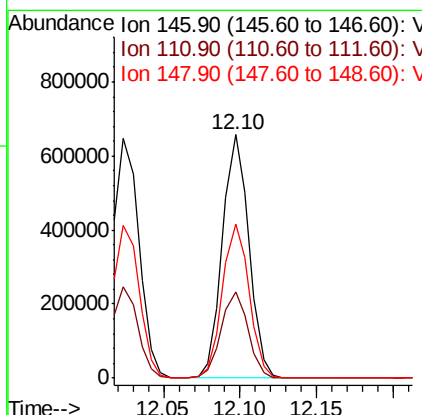
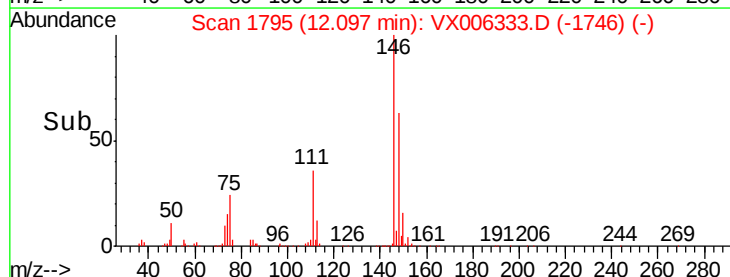
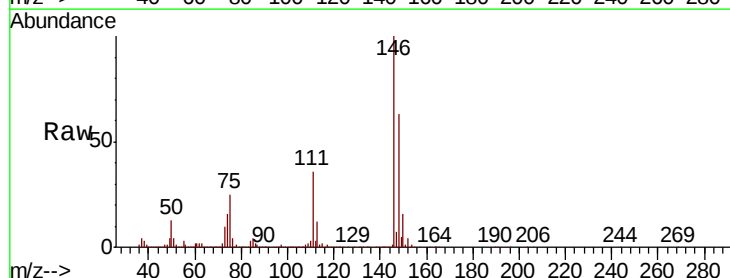
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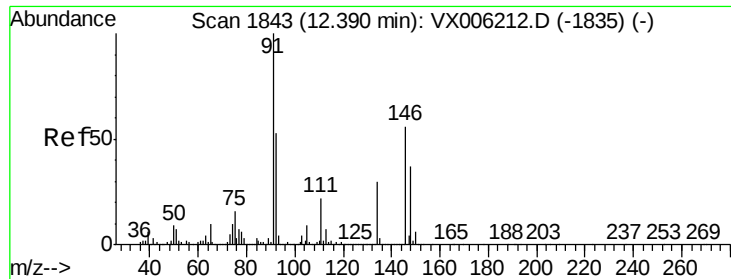
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#88
 1,4-Dichlorobenzene
 Concen: 50.032 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.3	54.8
148	64.4	31.9	95.9





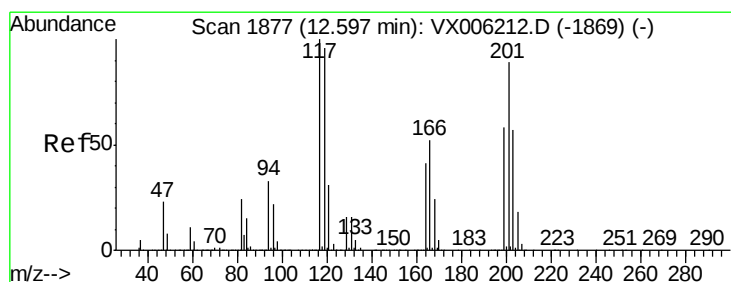
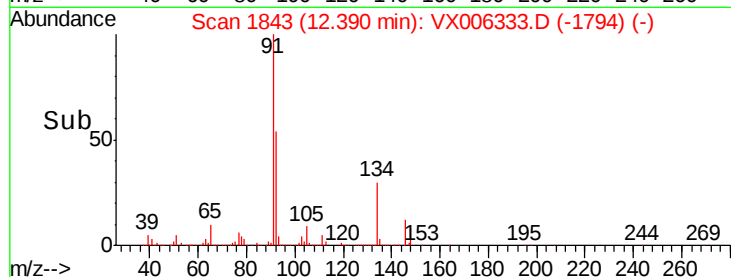
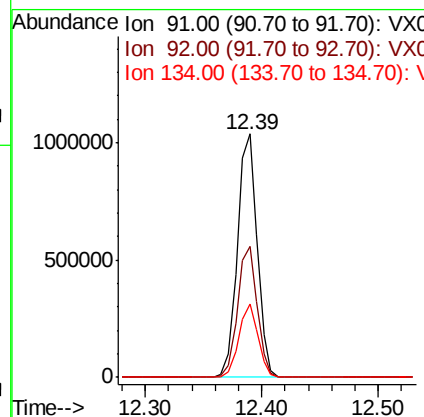
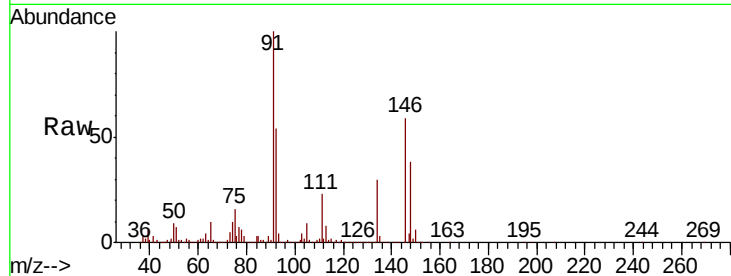
#89
n-Butylbenzene
Concen: 50.349 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.8
134	29.4	14.8	44.3

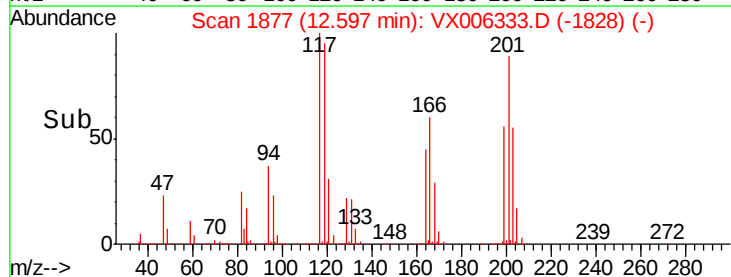
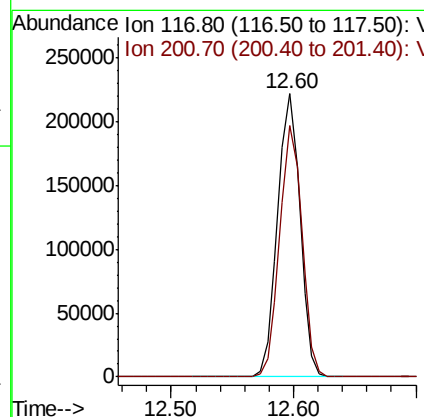
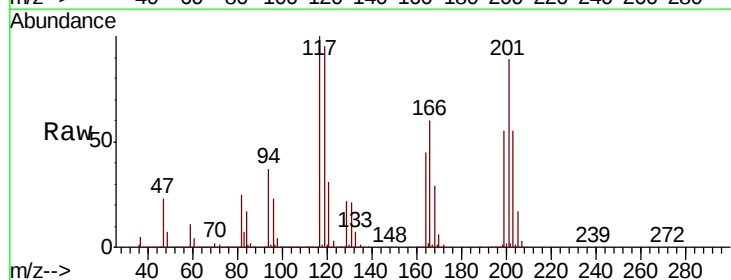
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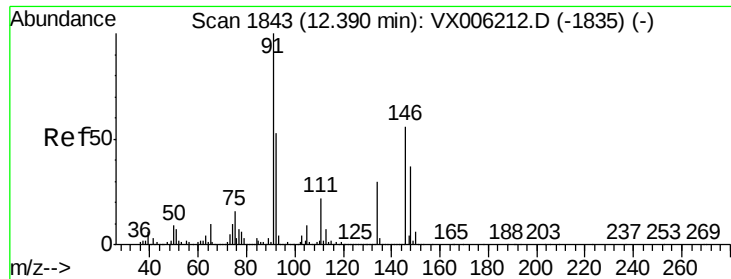
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#90
Hexachloroethane
Concen: 48.754 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	44.7	134.1





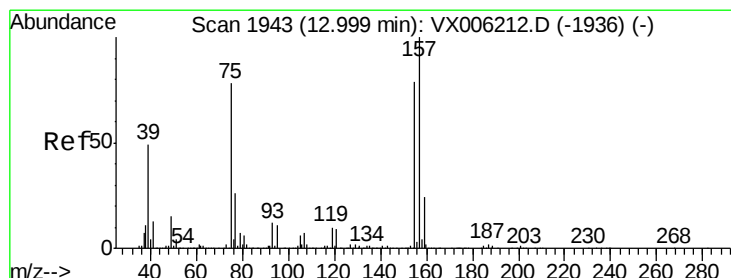
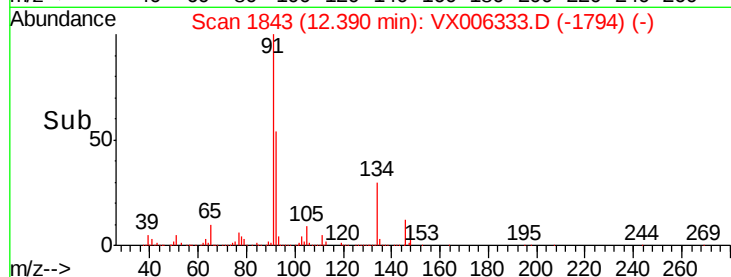
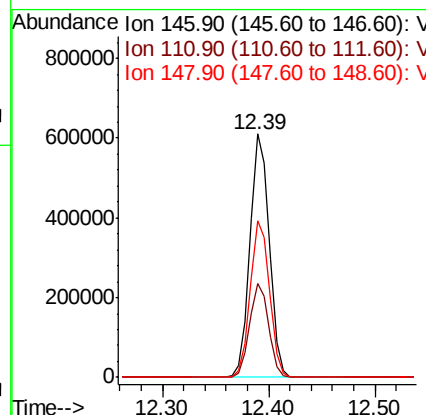
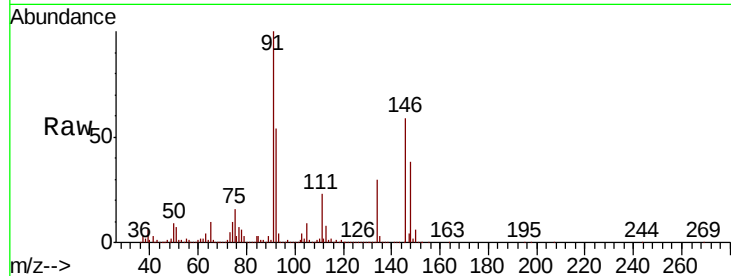
#91
 1,2-Dichlorobenzene
 Concen: 50.509 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.3
148	64.3	32.1	96.3

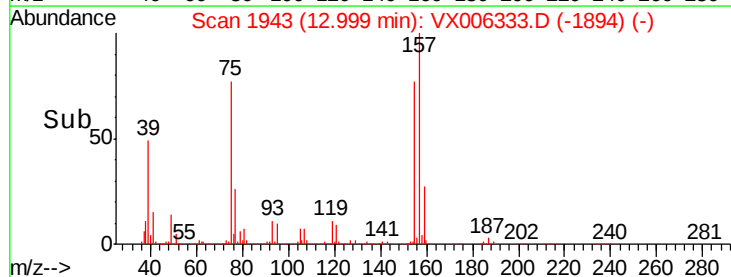
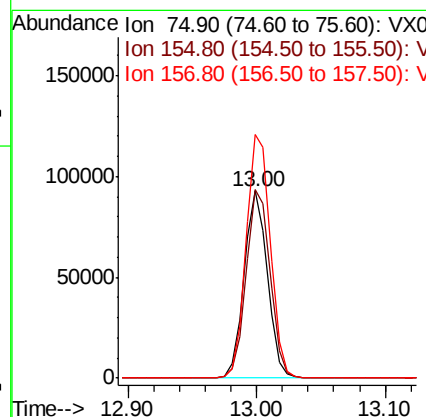
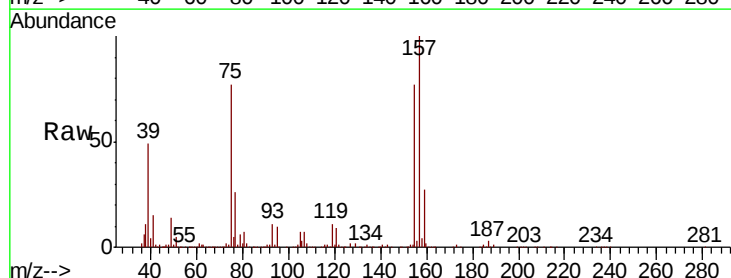
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.894 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006333.D
 Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.4	53.4	160.3
157	134.4	68.0	203.8





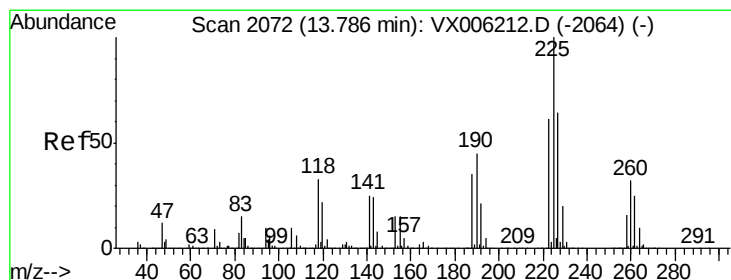
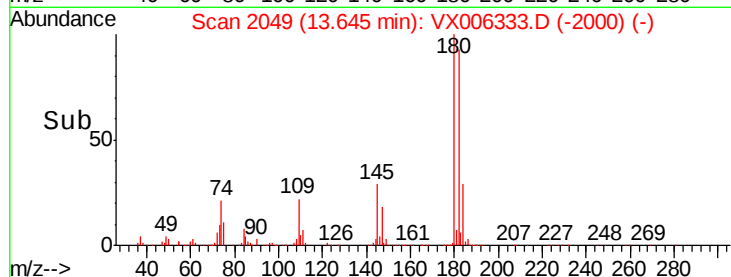
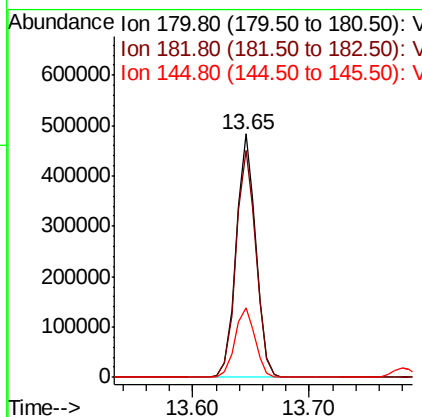
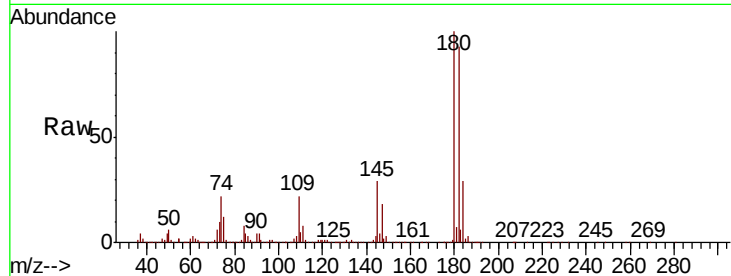
#93
1,2,4-Trichlorobenzene
Concen: 50.332 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.9
145	29.5	14.6	43.8

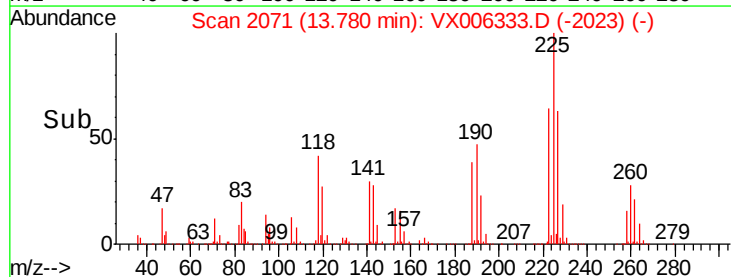
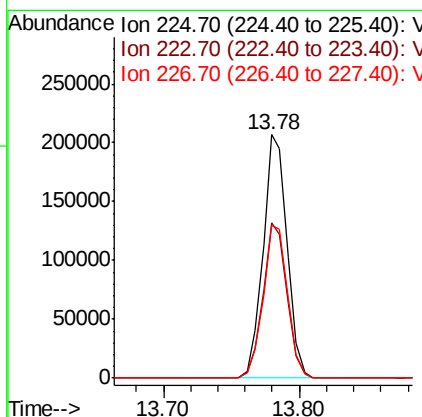
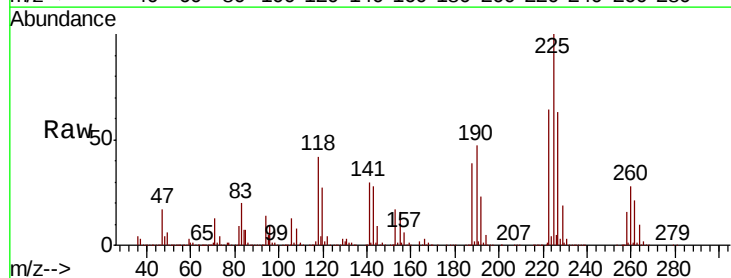
Manual Integrations
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#94
Hexachlorobutadiene
Concen: 51.615 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX006333.D
Acq: 06 Dec 2018 21:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.2	93.6
227	63.8	31.9	95.5





#95

Naphthalene

Concen: 50.753 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1773742

Ion Ratio Lower Upper

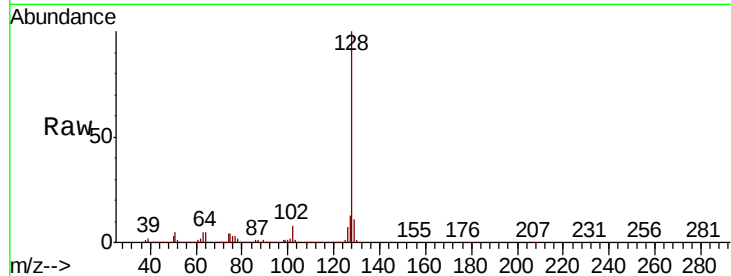
128 100

127 12.8 10.2 15.4

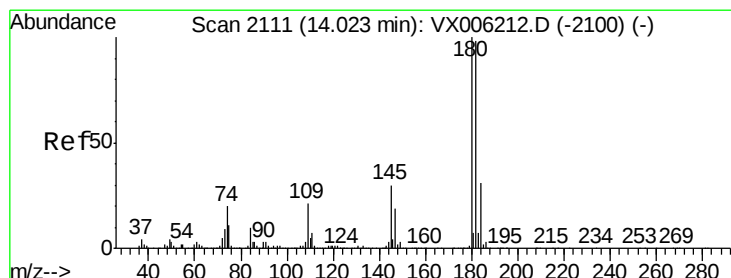
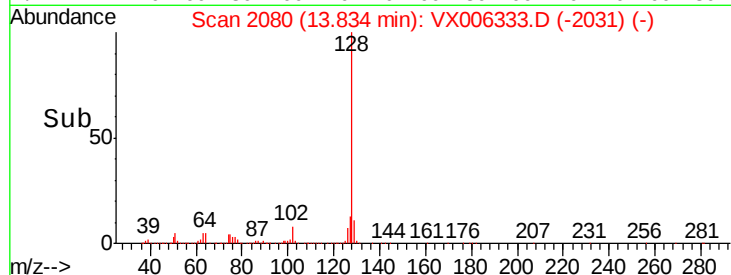
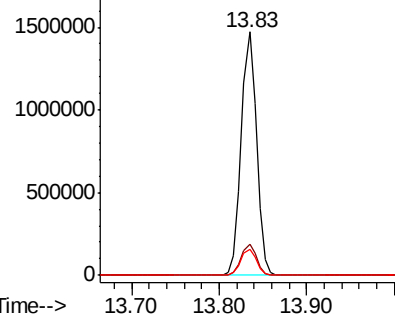
129 11.0 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
12/7/2018 11:19:35 AM



Abundance Ion 128.00 (127.70 to 128.70): V
2000000 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.252 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006333.D

Acq: 06 Dec 2018 21:50

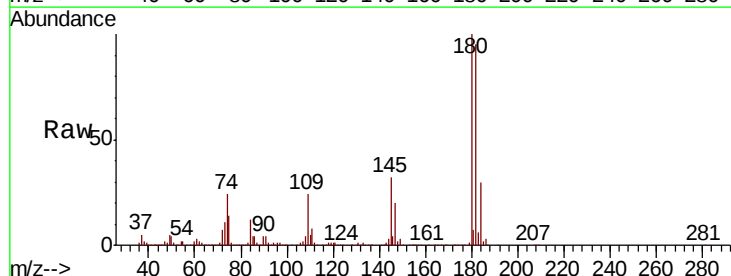
Tgt Ion:180 Resp: 570338

Ion Ratio Lower Upper

180 100

182 94.3 48.4 145.2

145 31.2 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
600000 Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

