

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021419\
 Data File : VX007535.D
 Acq On : 13 Feb 2019 21:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/14/2019 10:57:37 AM

Quant Time: Feb 14 04:00:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	458219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	688474	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	633137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	320291	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	231876	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	5.50	113	219238	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	791769	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.13	95	281624	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	233803	41.553	ug/l	100
3) Chloromethane	1.33	50	219858	42.598	ug/l	99
4) Vinyl Chloride	1.41	62	237601	46.926	ug/l	99
5) Bromomethane	1.64	94	225034	44.899	ug/l	99
6) Chloroethane	1.71	64	152729	46.629	ug/l	98
7) Trichlorofluoromethane	1.93	101	366934	46.326	ug/l	99
8) Diethyl Ether	2.19	74	137617	46.161	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	204133	43.327	ug/l	98
10) Methyl Iodide	2.51	142	257000	37.081	ug/l	99
11) Tert butyl alcohol	3.08	59	277127	275.329	ug/l	97
12) 1,1-Dichloroethene	2.37	96	196863	44.997	ug/l	96
13) Acrolein	2.30	56	107843	228.486	ug/l	97
14) Allyl chloride	2.73	41	347906	48.804	ug/l	99
15) Acrylonitrile	3.15	53	638388	256.386	ug/l	99
16) Acetone	2.45	43	562470	252.467	ug/l	99
17) Carbon Disulfide	2.57	76	486824	42.869	ug/l	99
18) Methyl Acetate	2.78	43	343063	58.992	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	692112	48.830	ug/l	97
20) Methylene Chloride	2.85	84	222915	48.977	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	207398	44.501	ug/l	99
22) Diisopropyl ether	3.87	45	641527	48.924	ug/l	97
23) Vinyl Acetate	3.82	43	2711711	249.211	ug/l	98
24) 1,1-Dichloroethane	3.70	63	362537	48.144	ug/l	99
25) 2-Butanone	4.70	43	833449	262.871	ug/l	99
26) 2,2-Dichloropropane	4.59	77	237563	41.425	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	237855	46.726	ug/l	100
28) Bromochloromethane	5.03	49	170593	49.263	ug/l	100
29) Tetrahydrofuran	5.15	42	538661	270.132	ug/l	100
30) Chloroform	5.21	83	375760	47.820	ug/l	97
31) Cyclohexane	5.57	56	297552	43.996	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	327811	49.423	ug/l	99
36) 1,1-Dichloropropene	5.80	75	264521	42.822	ug/l	99
37) Ethyl Acetate	4.85	43	305762	48.966	ug/l	99
38) Carbon Tetrachloride	5.78	117	290229	48.429	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	308751	41.311	ug/l	99
40) Benzene	6.14	78	837504	46.026	ug/l	99
41) Methacrylonitrile	5.06	41	171044	51.108	ug/l	99
42) 1,2-Dichloroethane	6.20	62	287306	45.634	ug/l	100
43) Isopropyl Acetate	6.46	43	488215	50.653	ug/l	100
44) Trichloroethene	7.21	130	241781	44.118	ug/l	97
45) 1,2-Dichloropropane	7.52	63	217730	47.757	ug/l	100
46) Dibromomethane	7.66	93	151916	45.846	ug/l	99
47) Bromodichloromethane	7.90	83	274620	48.901	ug/l	98
48) Methyl methacrylate	7.77	41	250010	51.858	ug/l	98
49) 1,4-Dioxane	7.75	88	119960	1093.475	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1632000	257.211	ug/l	100
52) Toluene	8.79	92	531154	45.243	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	300203	49.767	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	323244	48.728	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	233948	47.805	ug/l	96
56) Ethyl methacrylate	9.18	69	342035	50.463	ug/l	99
57) 1,3-Dichloropropane	9.37	76	362733	46.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	908095	254.188	ug/l	99
59) 2-Hexanone	9.49	43	1238671	250.872	ug/l	99
60) Dibromochloromethane	9.59	129	245820	53.112	ug/l	98
61) 1,2-Dibromoethane	9.67	107	246660	47.594	ug/l	99
64) Tetrachloroethene	9.34	164	240465	40.296	ug/l	99
65) Chlorobenzene	10.14	112	624640	45.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	230974	49.863	ug/l	99
67) Ethyl Benzene	10.25	91	1026222	46.124	ug/l	99
68) m/p-Xylenes	10.36	106	808480	91.411	ug/l	99
69) o-Xylene	10.69	106	396764	46.620	ug/l	100
70) Styrene	10.71	104	645712	46.783	ug/l	99
71) Bromoform	10.86	173	184297	45.736	ug/l	100
73) Isopropylbenzene	11.02	105	1049418	48.215	ug/l	99
74) N-amyl acetate	10.90	43	435355	51.713	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	340197	51.287	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	319625m	51.304	ug/l	
77) Bromobenzene	11.26	156	285999	46.636	ug/l	100
78) n-propylbenzene	11.36	91	1166061	48.856	ug/l	99
79) 2-Chlorotoluene	11.42	91	681313	47.045	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	853686	47.942	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	94441	47.121	ug/l	96
82) 4-Chlorotoluene	11.51	91	794511	47.413	ug/l	100
83) tert-Butylbenzene	11.77	119	857022	48.612	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	873839	48.337	ug/l	99
85) sec-Butylbenzene	11.94	105	1032553	48.391	ug/l	99
86) p-Isopropyltoluene	12.06	119	930758	48.322	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	496635	45.125	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	502329	44.988	ug/l	99
89) n-Butylbenzene	12.39	91	776529	46.865	ug/l	100
90) Hexachloroethane	12.60	117	152868	53.029	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	490329	44.767	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77102	55.901	ug/l	97

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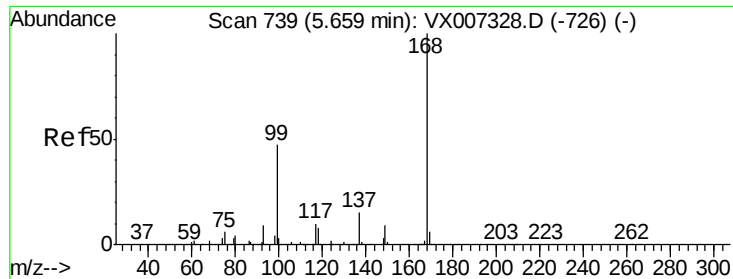
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	341318	46.208	ug/l	99
94) Hexachlorobutadiene	13.78	225	161547	45.040	ug/l	100
95) Naphthalene	13.83	128	1084657	50.214	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	345434	46.459	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 458219

Ion Ratio Lower Upper

168 100

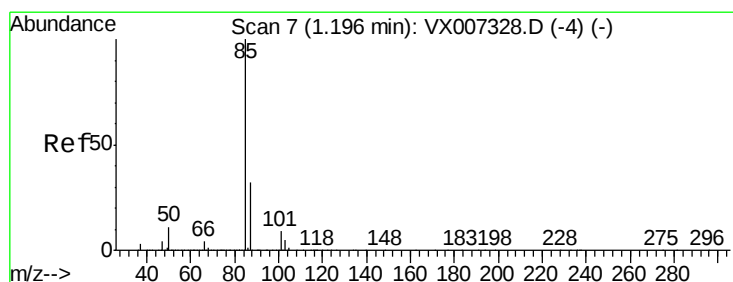
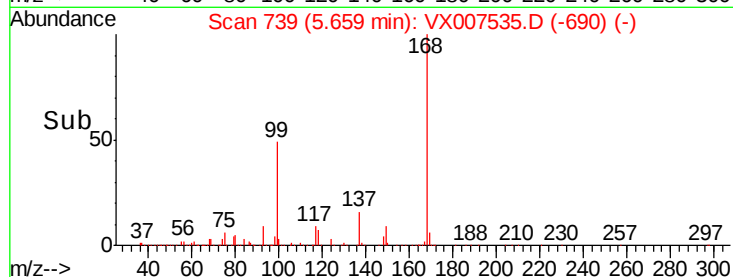
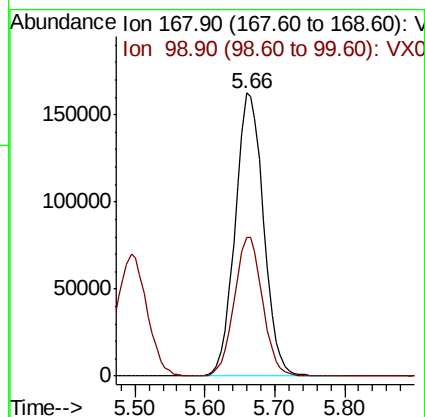
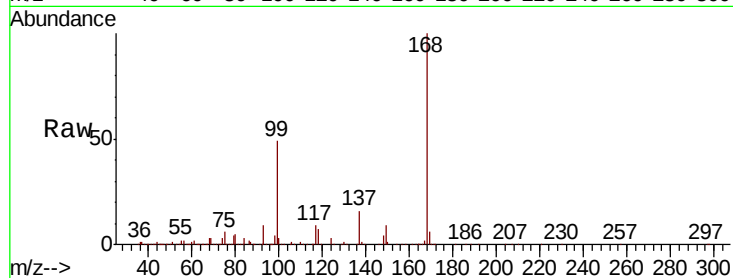
99 48.9 37.9 56.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 41.553 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007535.D

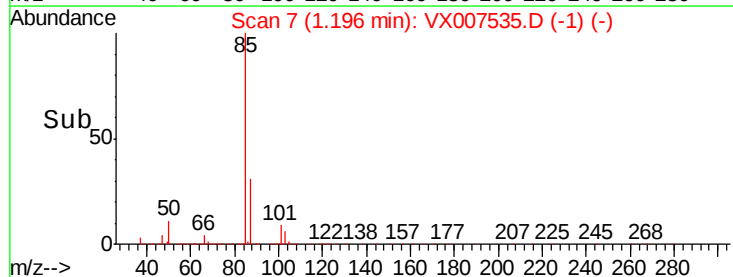
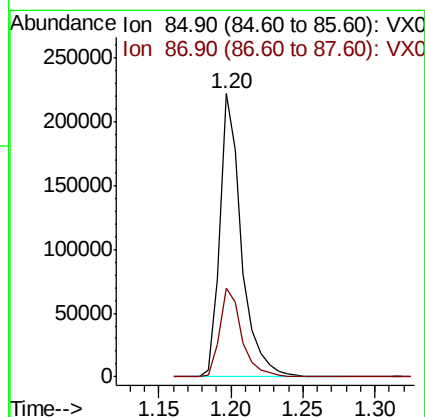
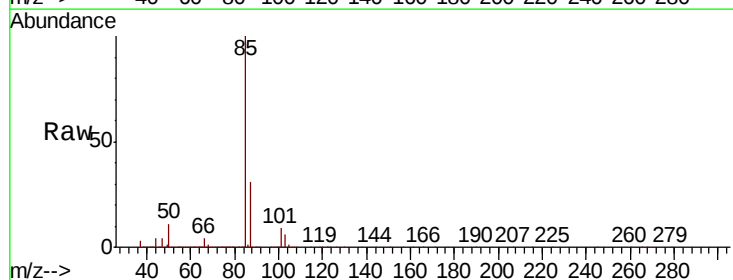
Acq: 13 Feb 2019 21:50

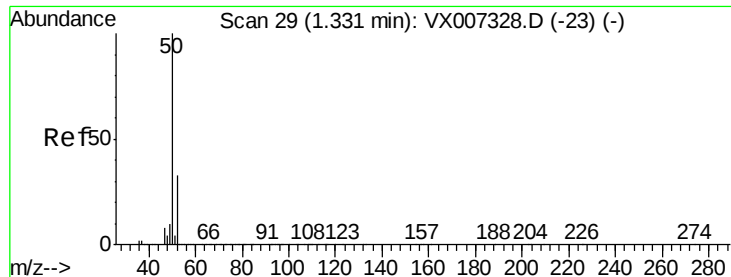
Tgt Ion: 85 Resp: 233803

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4





#3

Chloromethane

Concen: 42.598 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 219858

Ion Ratio Lower Upper

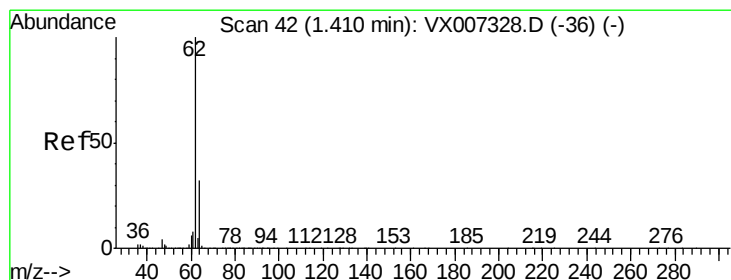
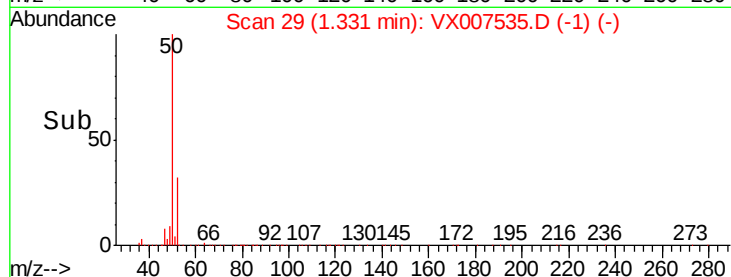
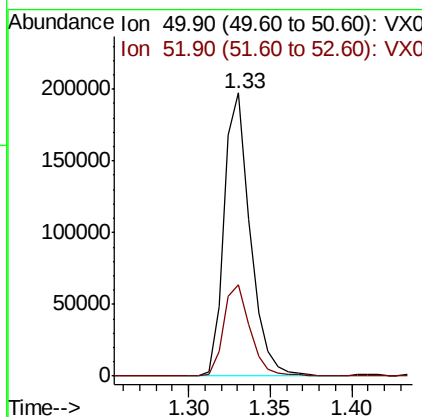
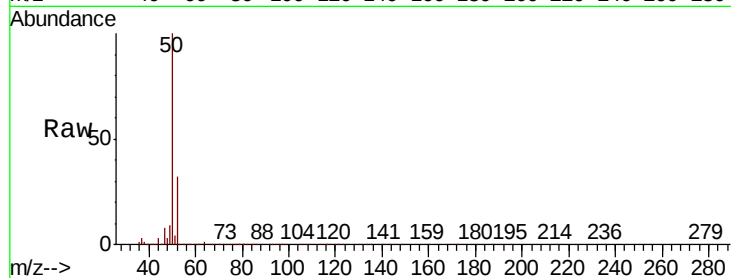
50 100

52 32.2 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.926 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007535.D

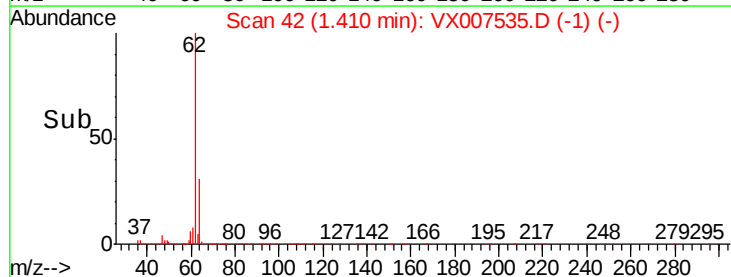
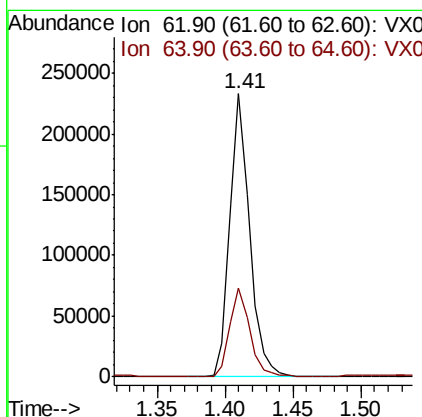
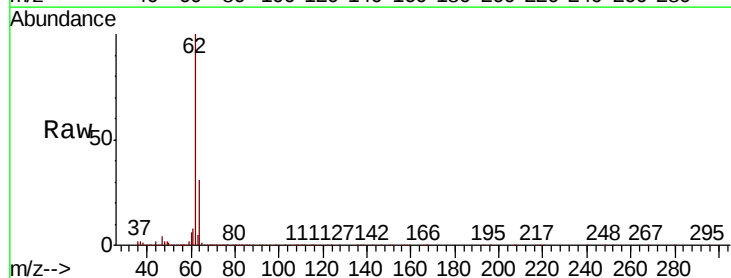
Acq: 13 Feb 2019 21:50

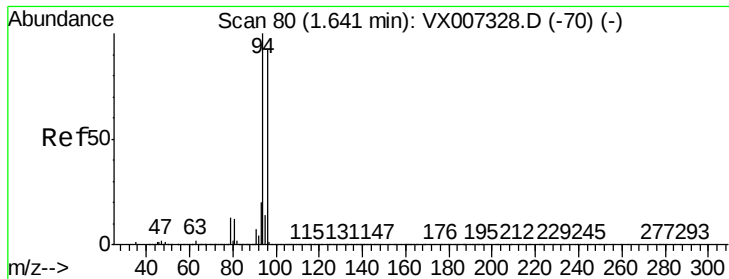
Tgt Ion: 62 Resp: 237601

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 44.899 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 225034

Ion Ratio Lower Upper

94 100

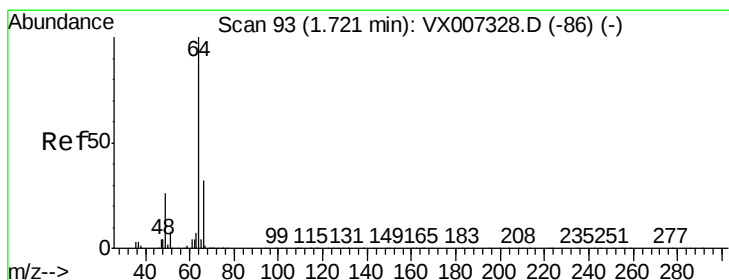
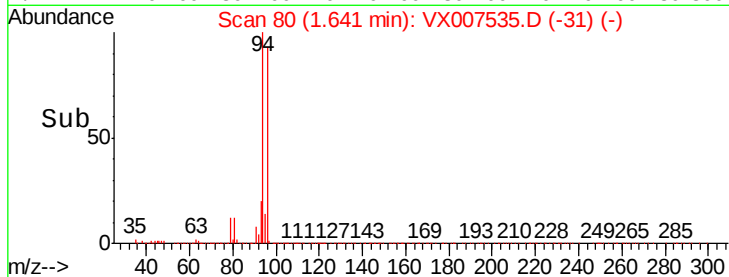
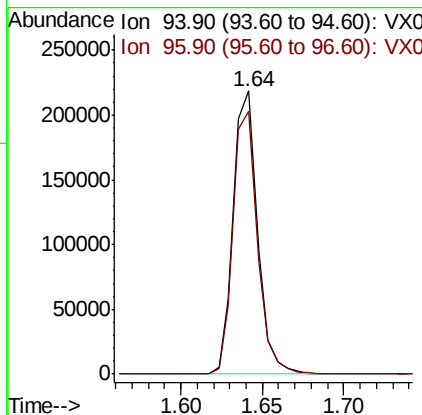
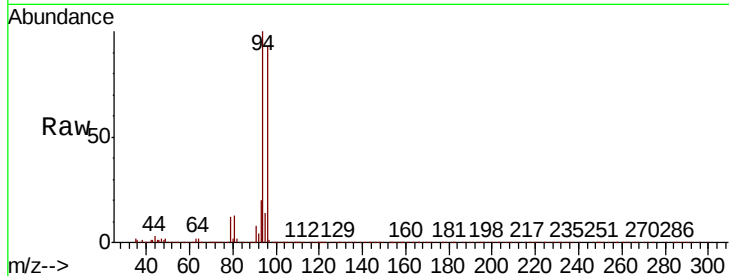
96 93.1 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 46.629 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007535.D

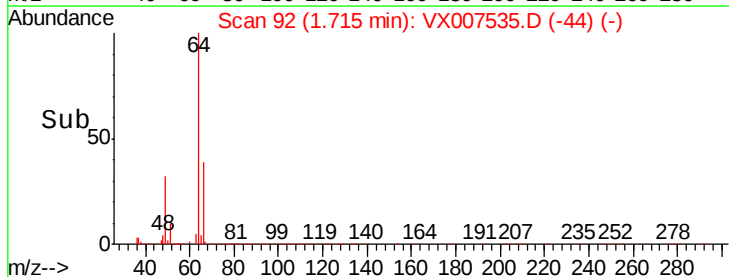
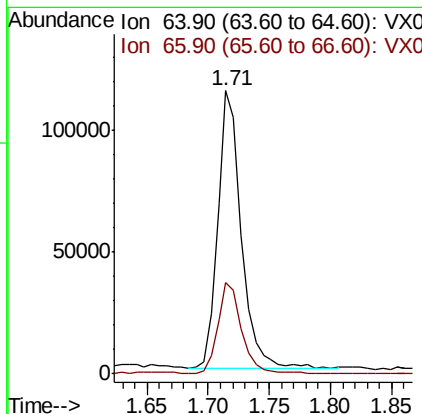
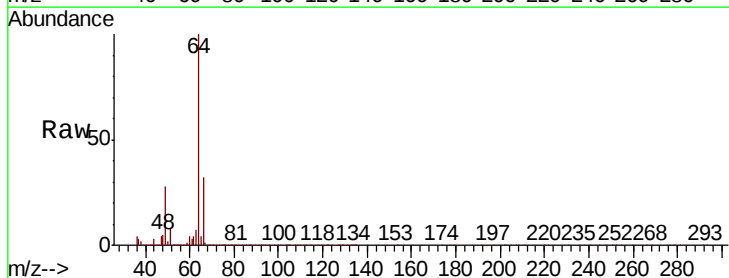
Acq: 13 Feb 2019 21:50

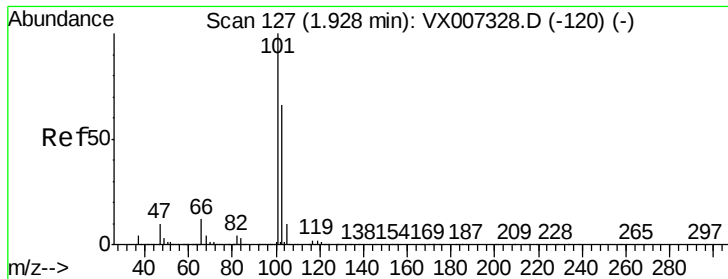
Tgt Ion: 64 Resp: 152729

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3





#7

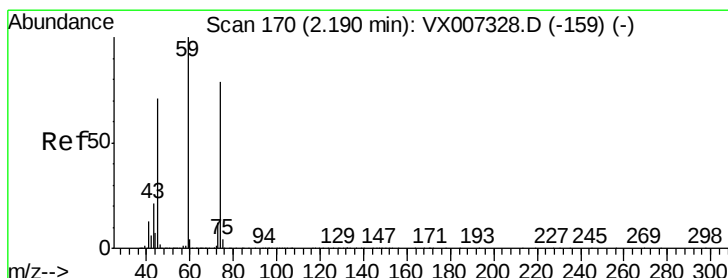
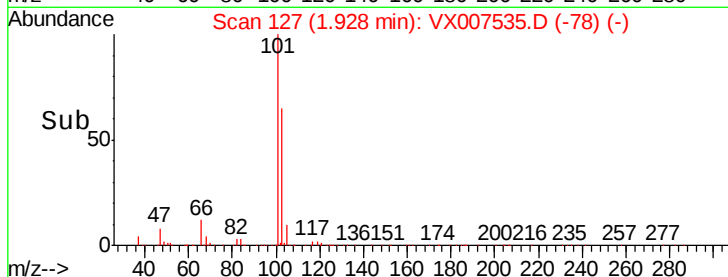
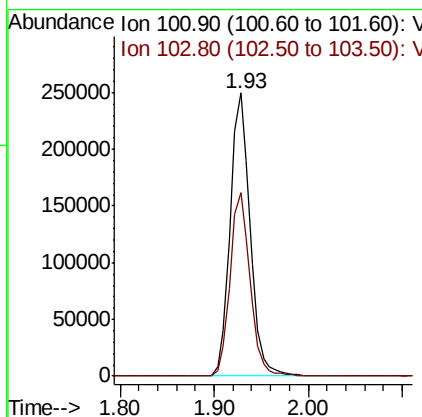
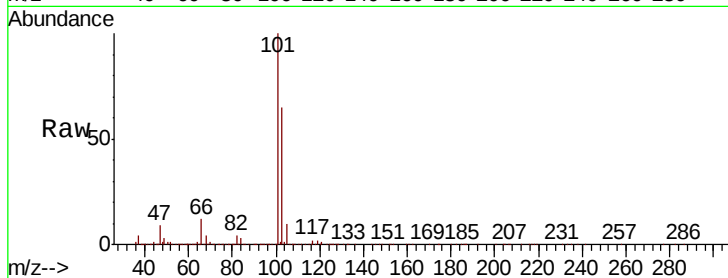
Trichlorofluoromethane
Concen: 46.326 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.6	79.0

Manual Integrations
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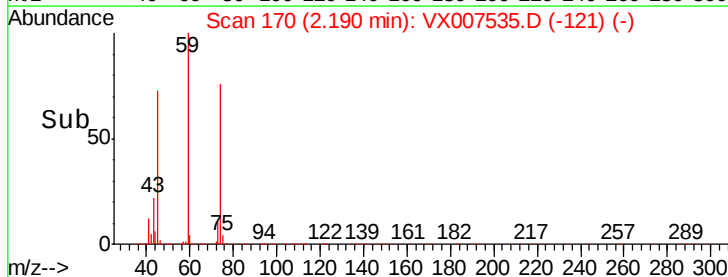
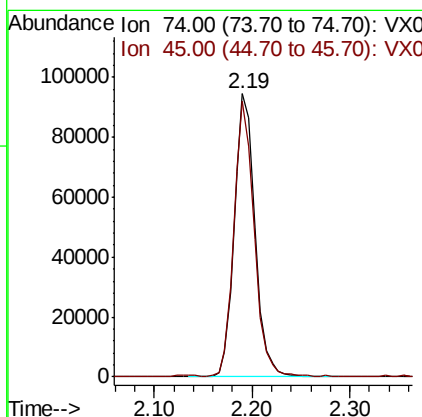
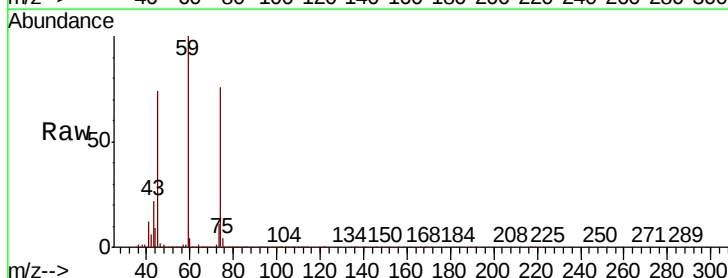
MMDadoda
2/14/2019 10:57:37 AM

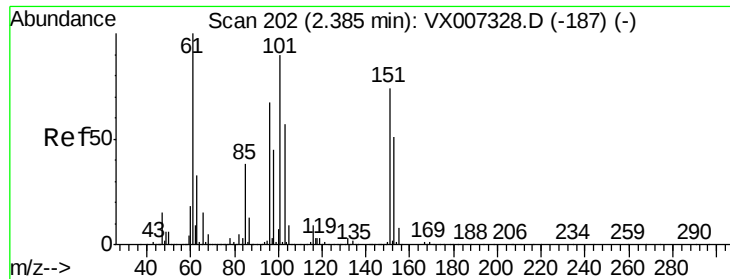


#8

Diethyl Ether
Concen: 46.161 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.327 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

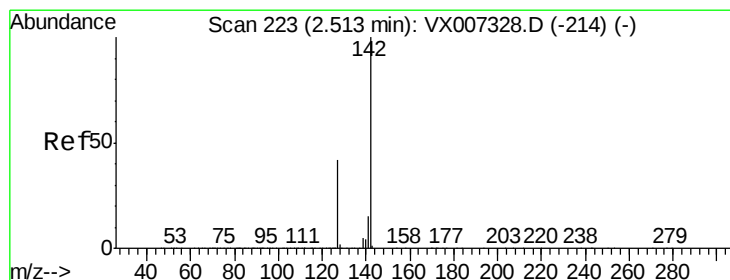
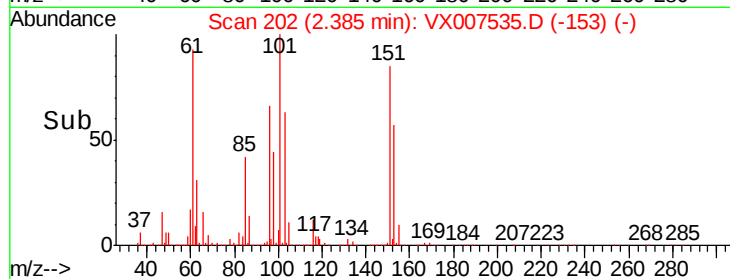
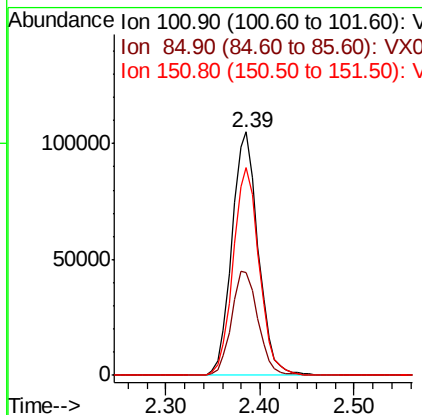
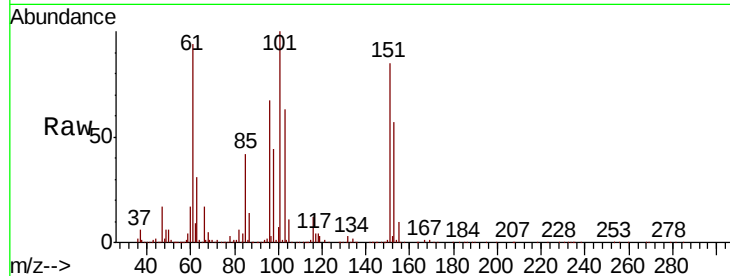
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	204133
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.1	51.1
151	84.7	69.9	104.9

Manual Integrations
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2/14/2019 10:57:37 AM



#10

Methyl Iodide

Concen: 37.081 ug/l

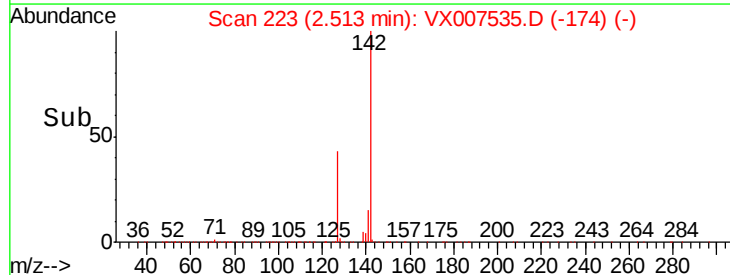
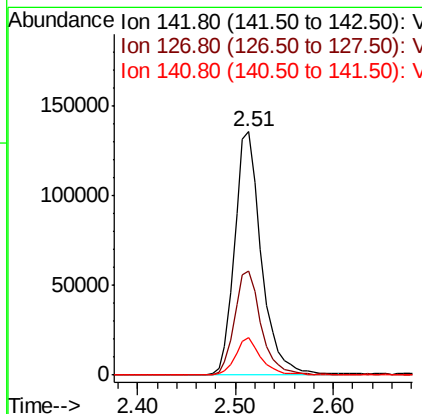
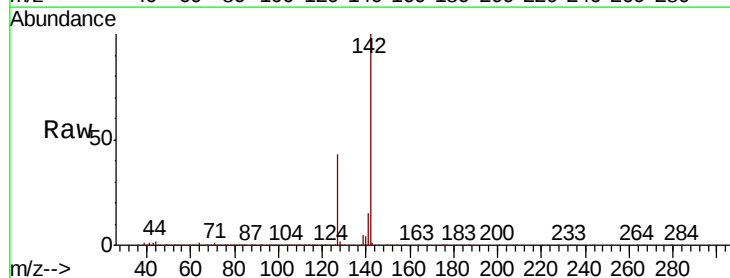
RT: 2.51 min Scan# 223

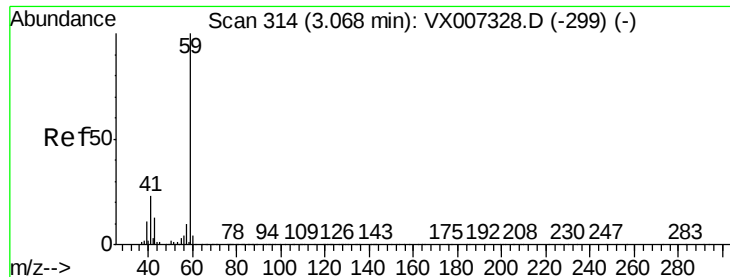
Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Tgt Ion:	142	Resp:	257000
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.7	50.5
141	14.6	11.3	16.9





#11

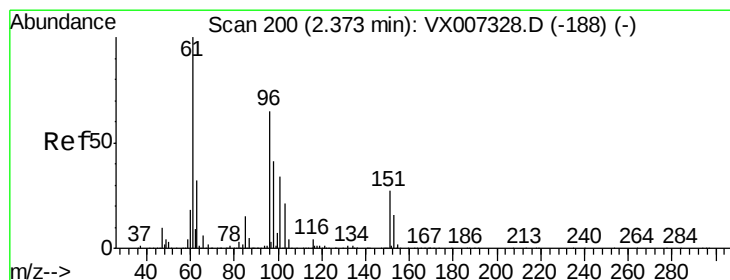
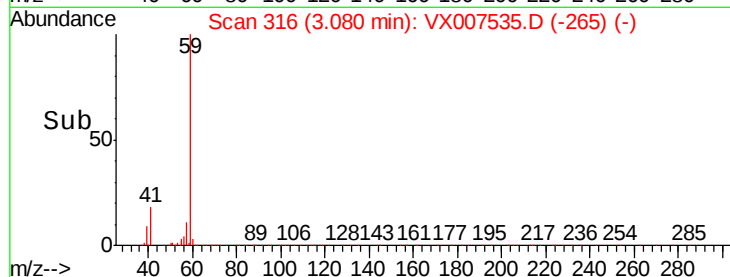
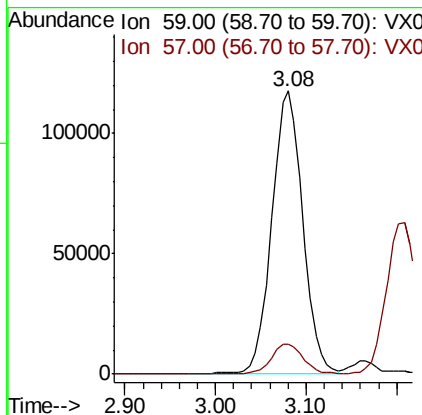
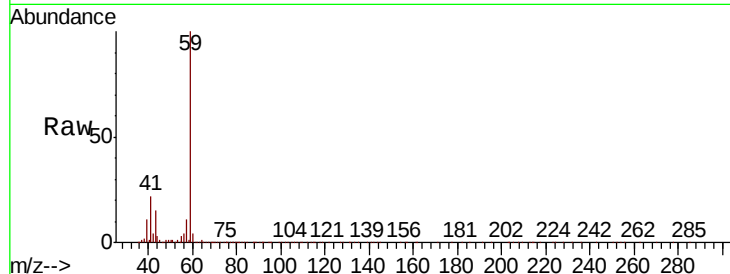
Tert butyl alcohol
Concen: 275.329 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.1	12.1

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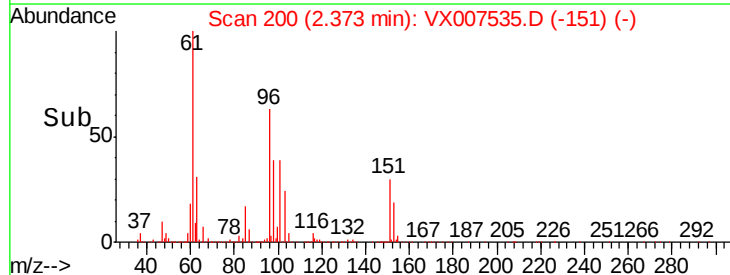
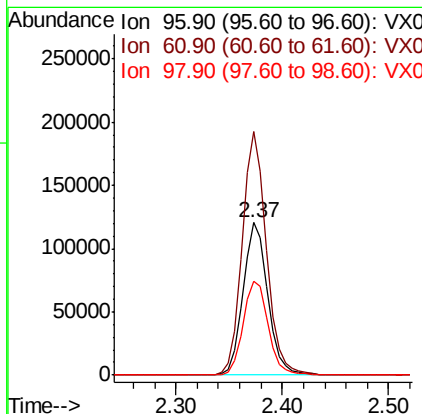
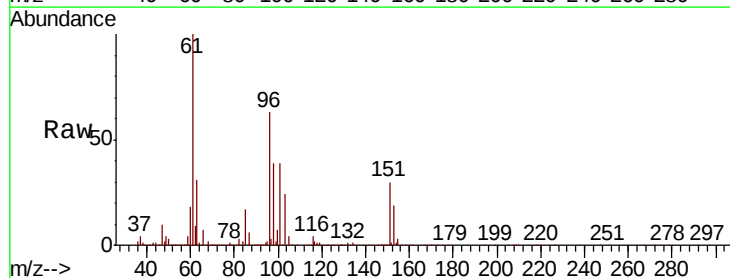
MMDadoda
2/14/2019 10:57:37 AM

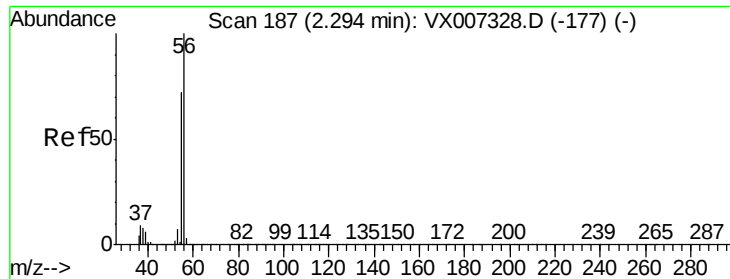


#12

1,1-Dichloroethene
Concen: 44.997 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.4	123.0	184.4
98	61.6	50.9	76.3





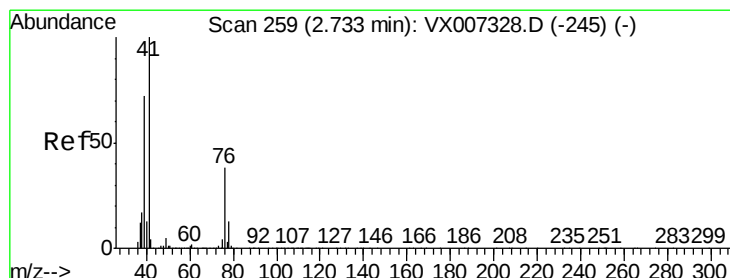
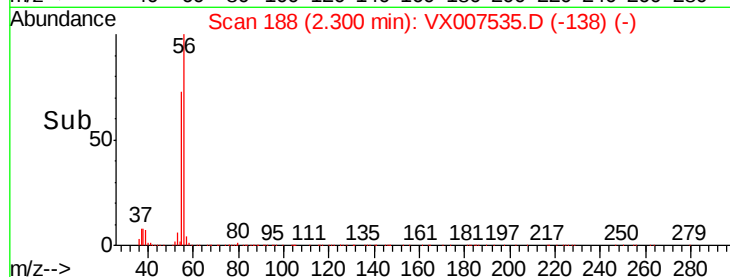
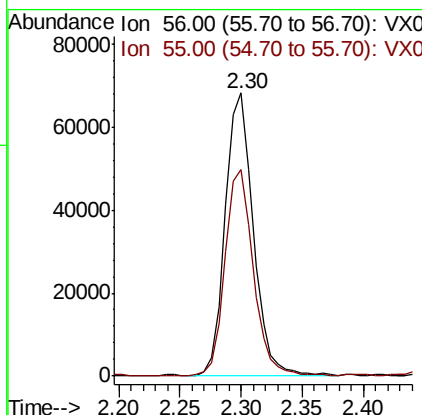
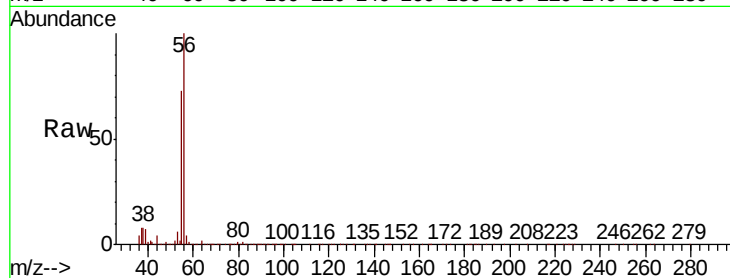
#13
Acrolein
Concen: 228.486 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	73.6	56.9	85.3	

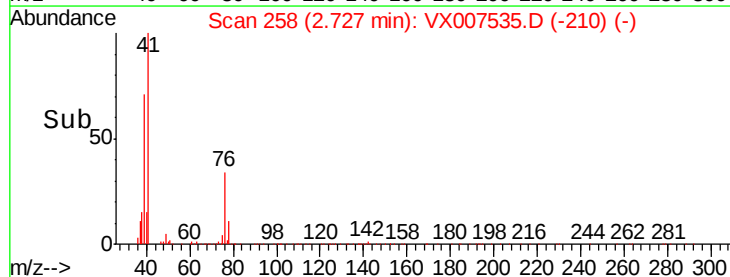
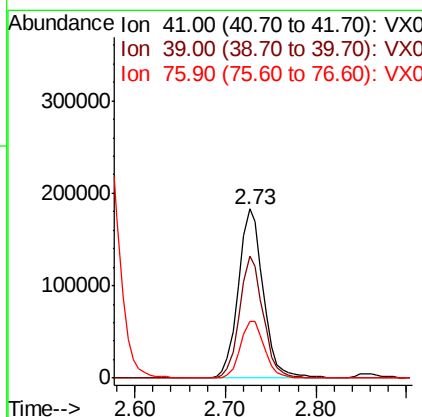
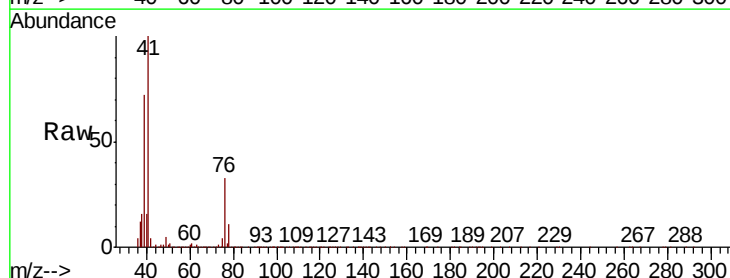
Manual Integrations
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#14
Allyl chloride
Concen: 48.804 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	67.8	54.1	81.1	
76	32.9	27.8	41.8	





#15

Acrylonitrile

Concen: 256.386 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

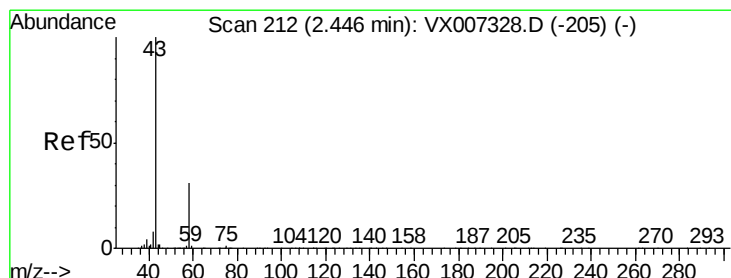
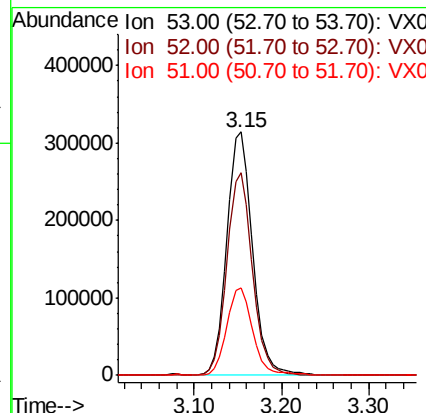
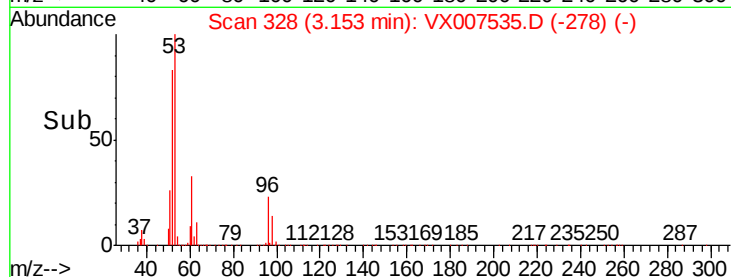
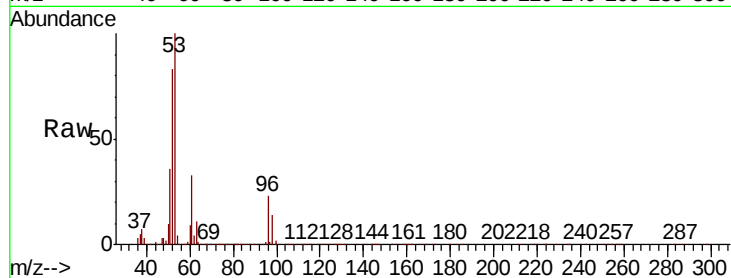
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	638388
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.4	99.6
51	36.3	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 252.467 ug/l

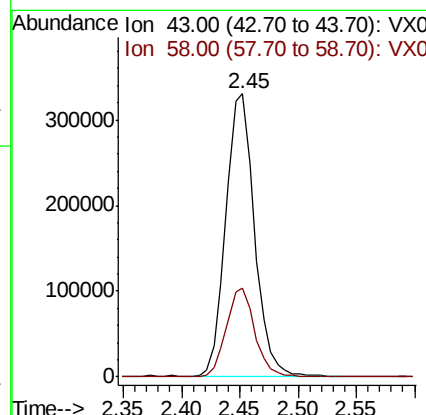
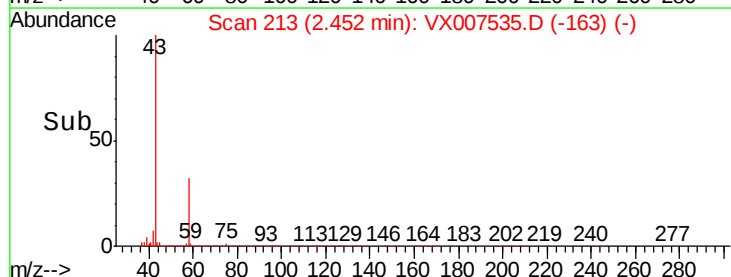
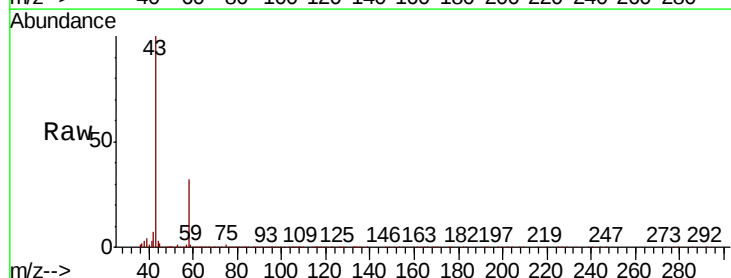
RT: 2.45 min Scan# 213

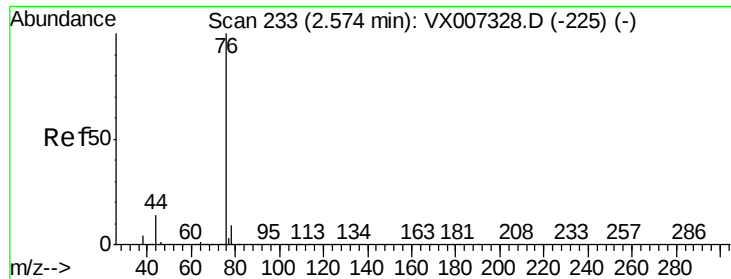
Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Tgt Ion:	43	Resp:	562470
Ion Ratio	Lower	Upper	
43	100		
58	31.5	24.9	37.3





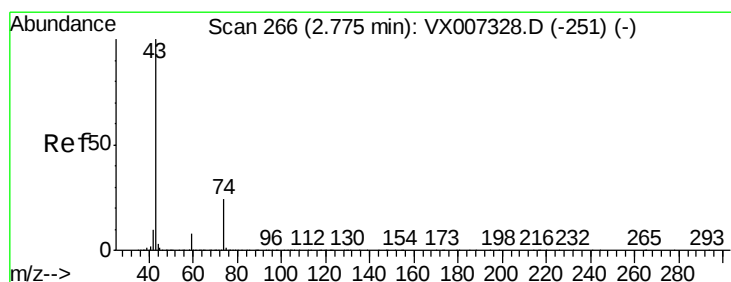
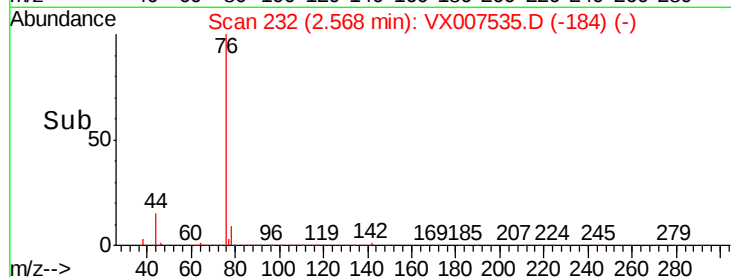
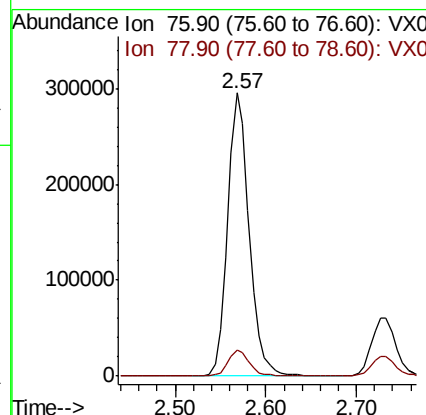
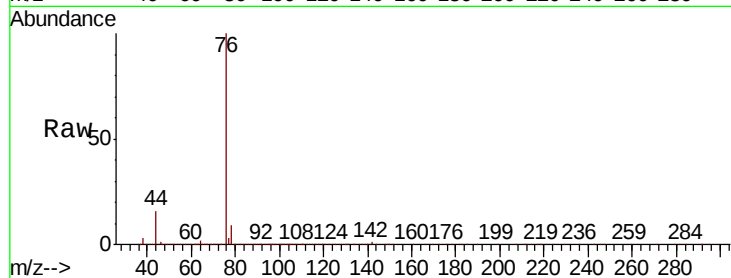
#17
Carbon Disulfide
Concen: 42.869 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

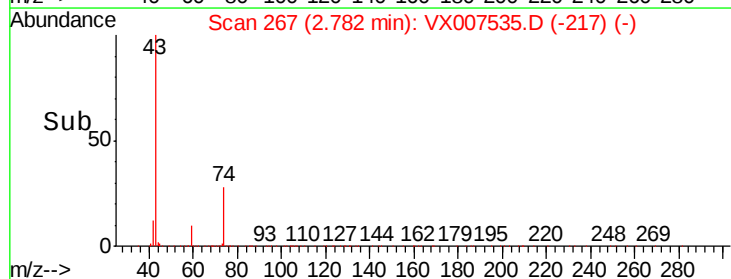
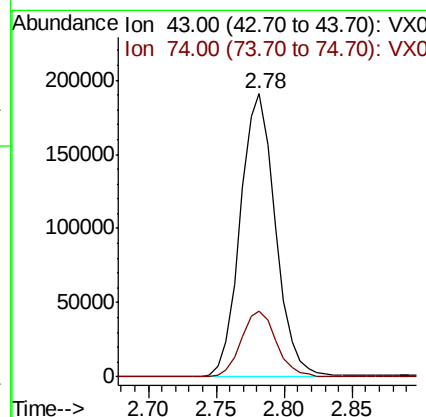
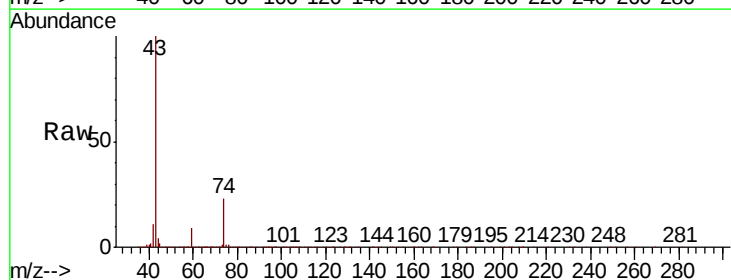
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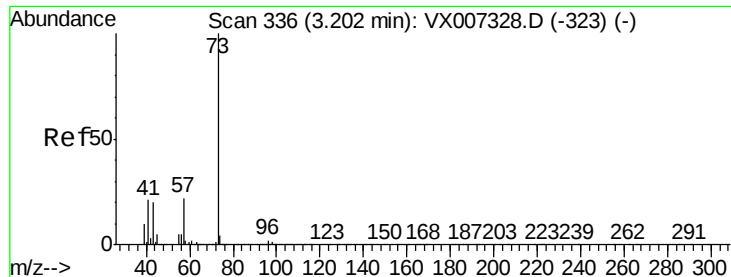
MMDadoda
2/14/2019 10:57:37 AM



#18
Methyl Acetate
Concen: 58.992 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.4	29.2





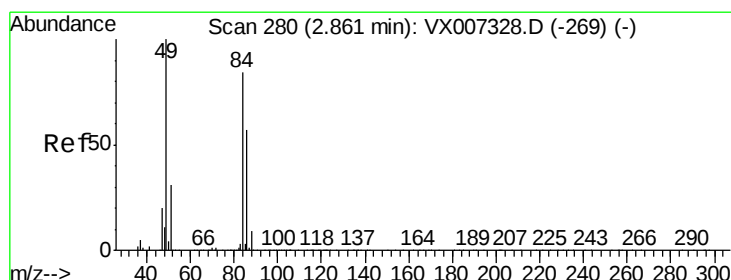
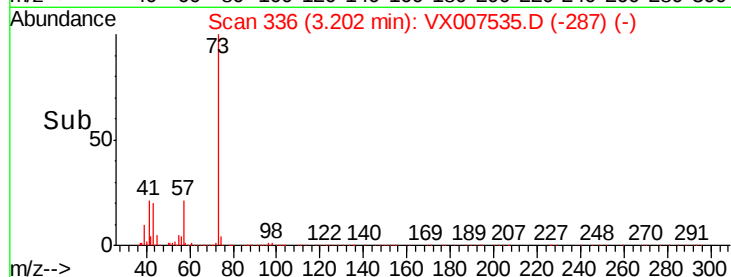
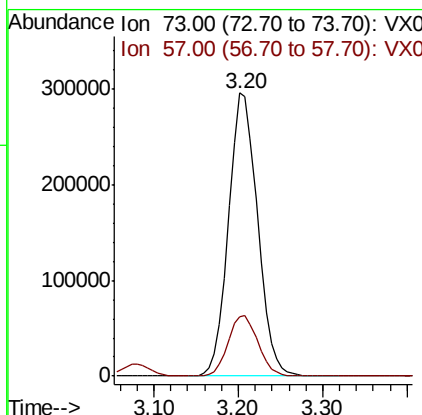
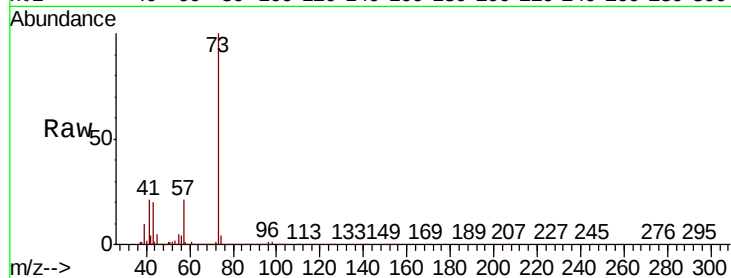
#19
Methvl tert-butvl Ether
Concen: 48.830 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.8	26.8

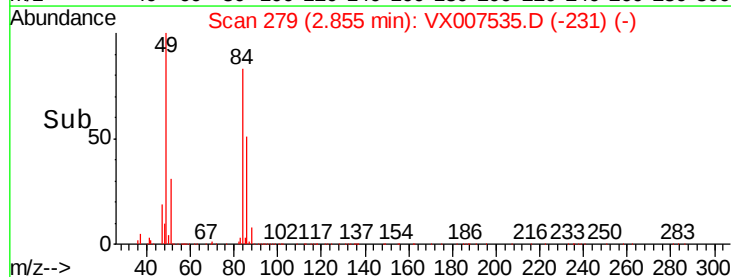
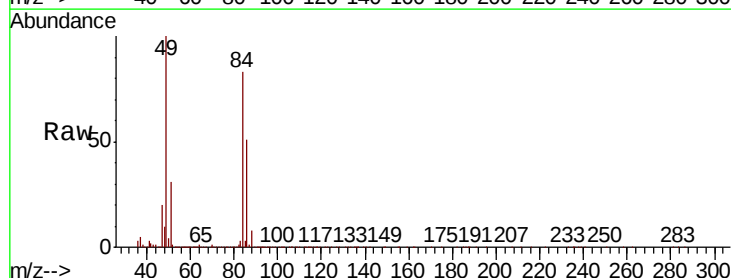
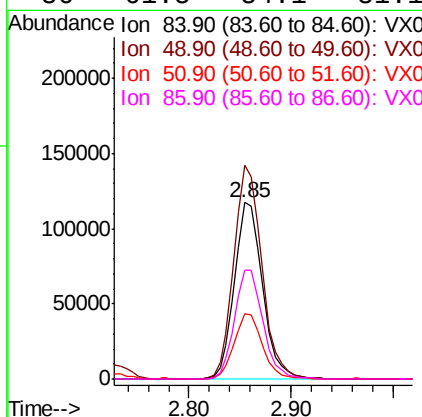
Manual Integrations
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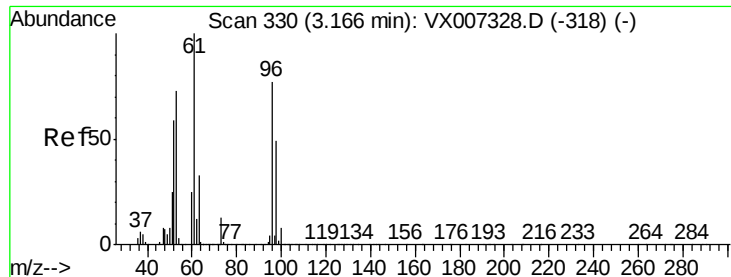
MMDadoda
2/14/2019 10:57:37 AM



#20
Methylene Chloride
Concen: 48.977 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	94.8	142.2
51	37.1	29.8	44.8
86	61.5	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 44.501 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

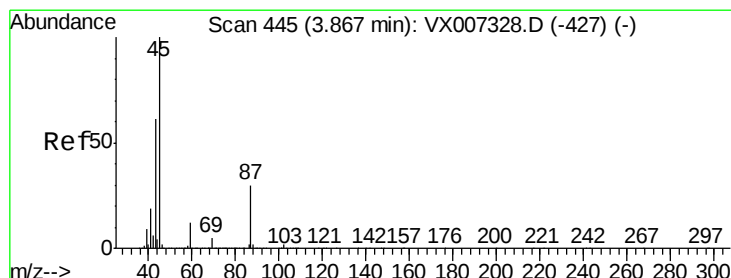
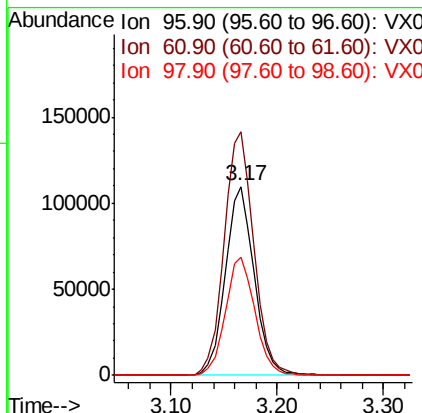
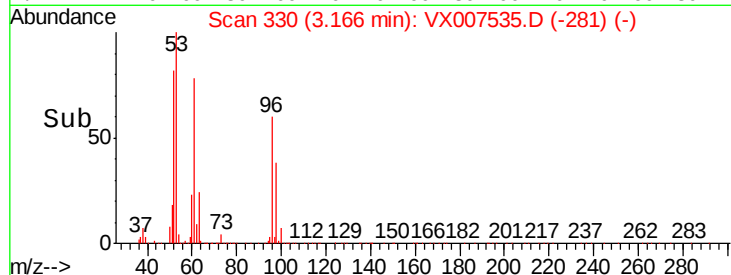
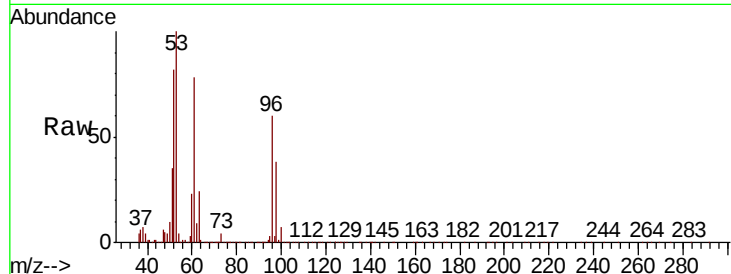
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	207398
Ion Ratio	Lower	Upper	
96	100		
61	129.0	104.6	156.8
98	62.4	51.0	76.4

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#22

Diisopropyl ether

Concen: 48.924 ug/l

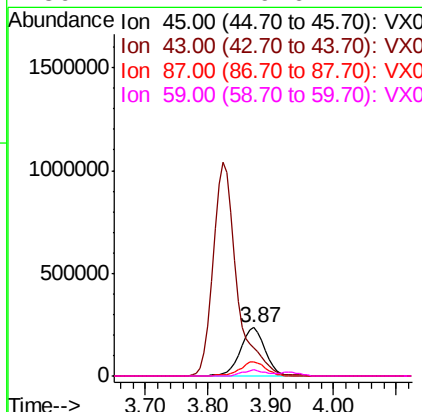
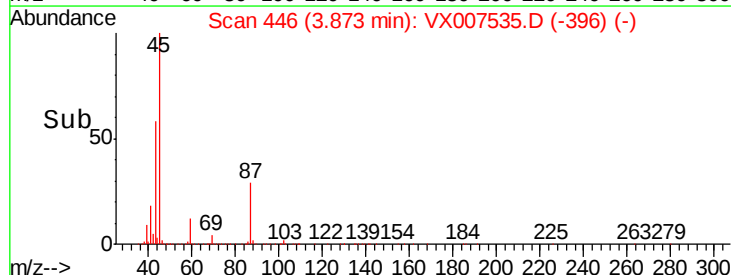
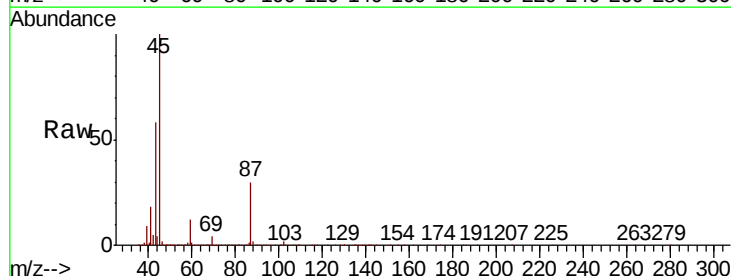
RT: 3.87 min Scan# 446

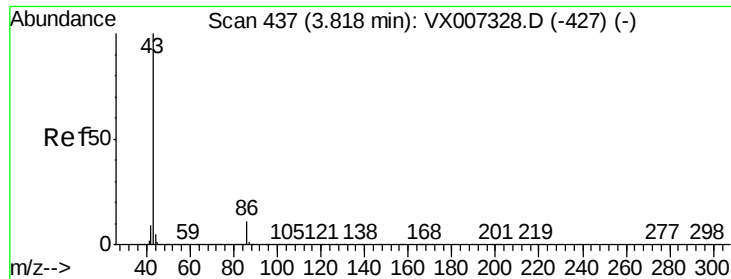
Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Tgt Ion:	45	Resp:	641527
Ion Ratio	Lower	Upper	
45	100		
43	58.1	48.9	73.3
87	29.5	23.9	35.9
59	12.1	9.6	14.4





#23

Vinyl Acetate

Concen: 249.211 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2711711

Ion Ratio Lower Upper

43 100

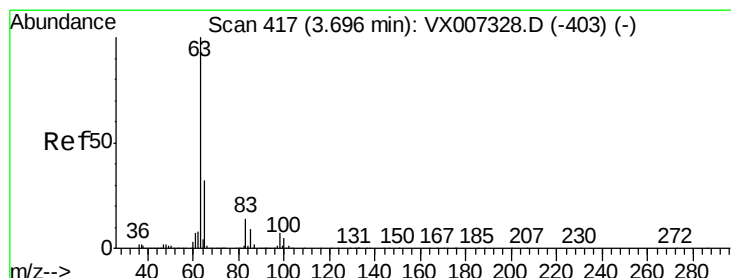
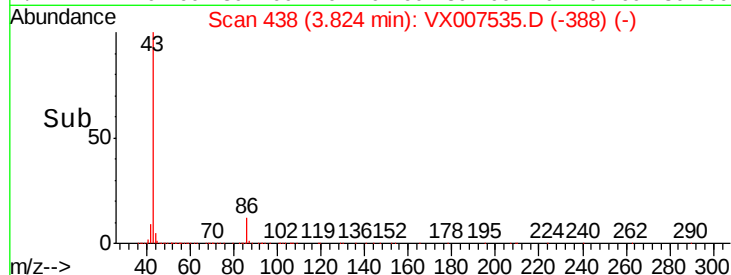
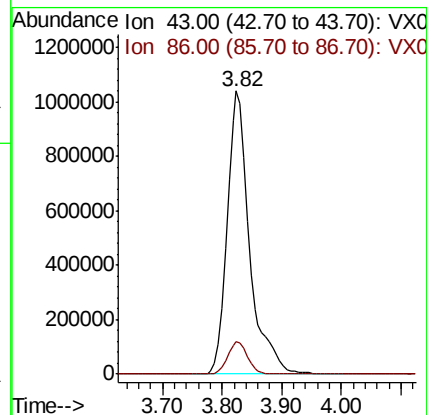
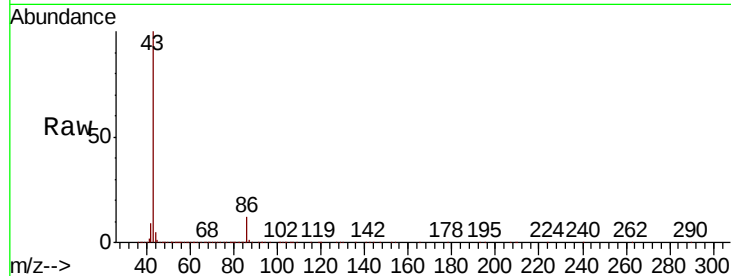
86 11.6 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 48.144 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

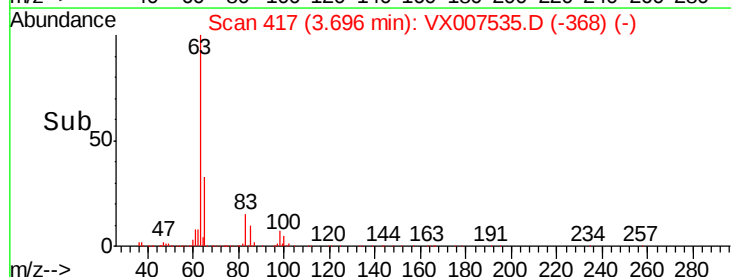
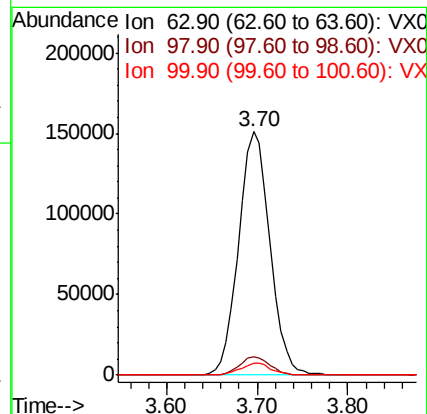
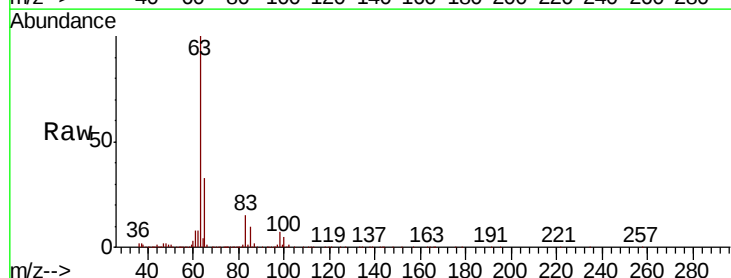
Tgt Ion: 63 Resp: 362537

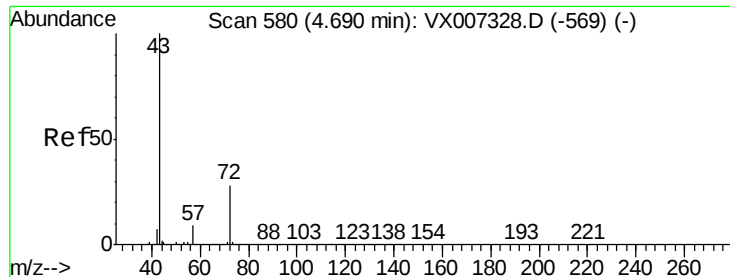
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 262.871 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 833449

Ion Ratio Lower Upper

43 100

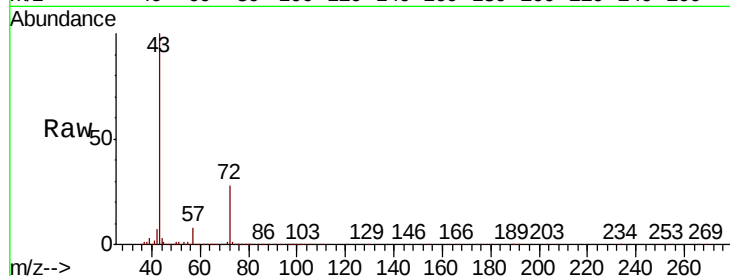
72 28.2 22.2 33.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

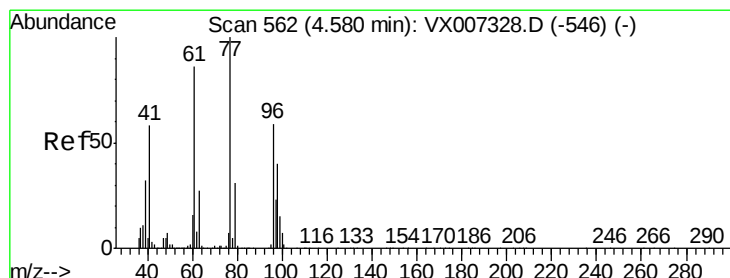
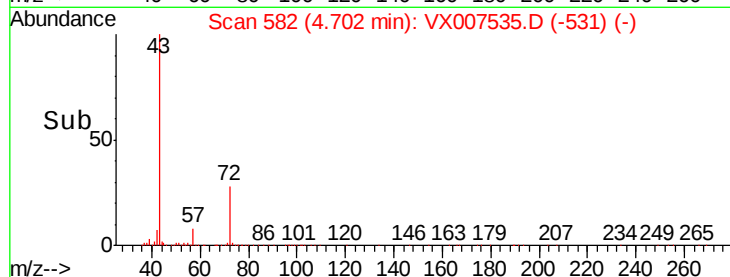
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.425 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007535.D

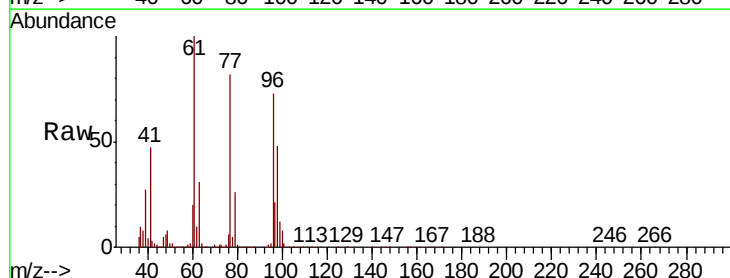
Acq: 13 Feb 2019 21:50

Tgt Ion: 77 Resp: 237563

Ion Ratio Lower Upper

77 100

97 26.5 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

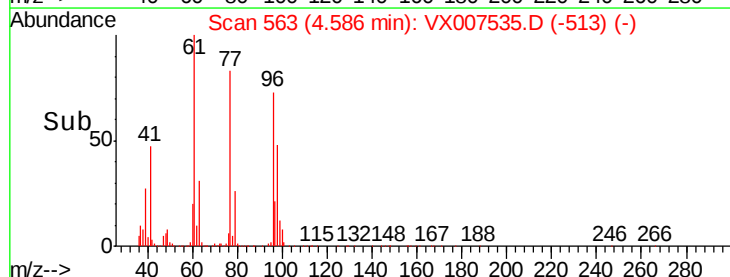
40000

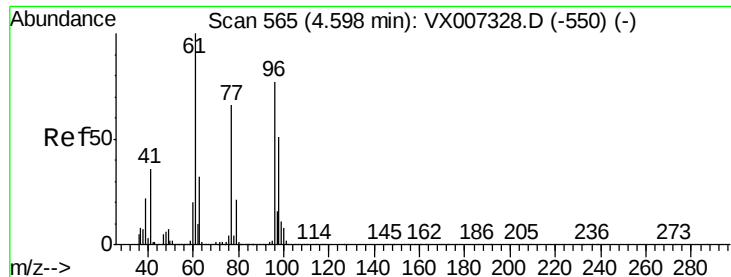
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

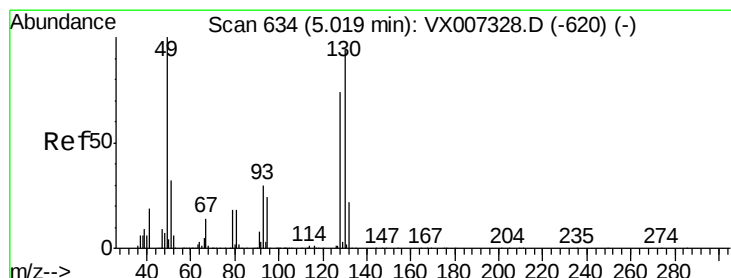
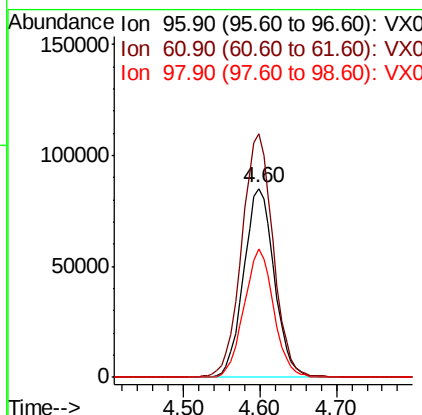
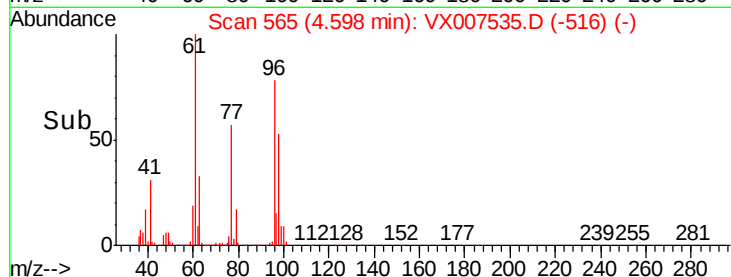
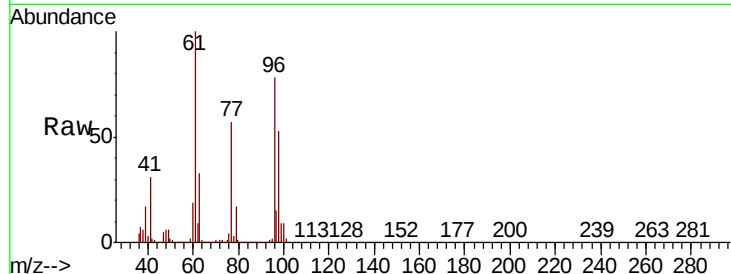
cis-1,2-Dichloroethene
Concen: 46.726 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	237855		
61	132.1	0.0	265.6	
98	65.8	0.0	131.6	

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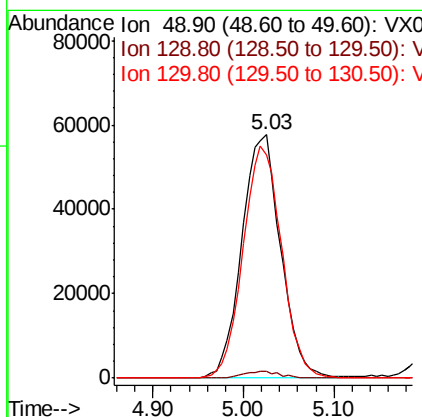
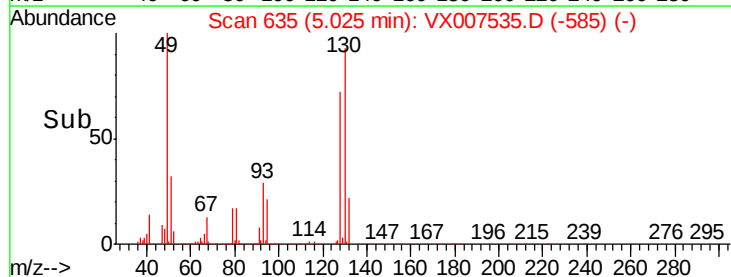
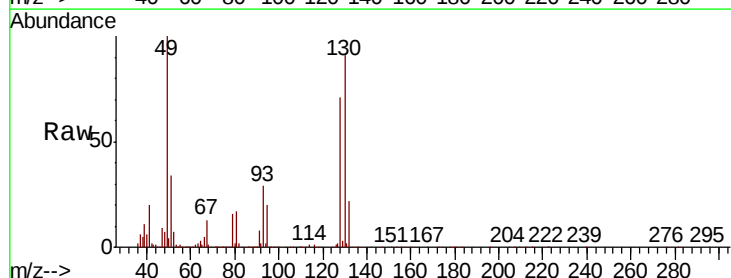
MMDadoda
2/14/2019 10:57:37 AM



#28

Bromochloromethane
Concen: 49.263 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	170593		
129	2.7	0.0	5.6	
130	95.0	75.6	113.4	





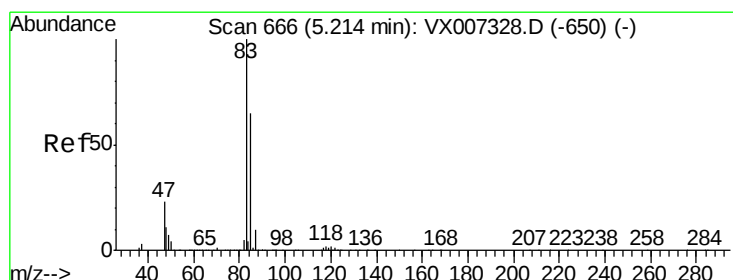
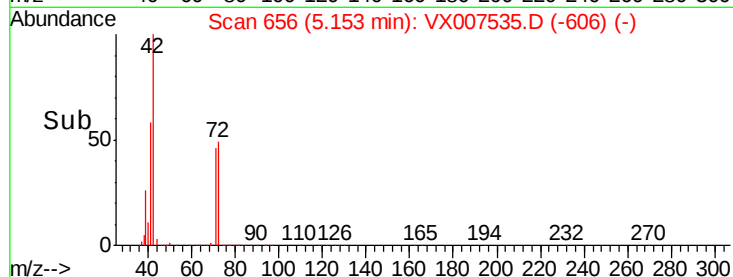
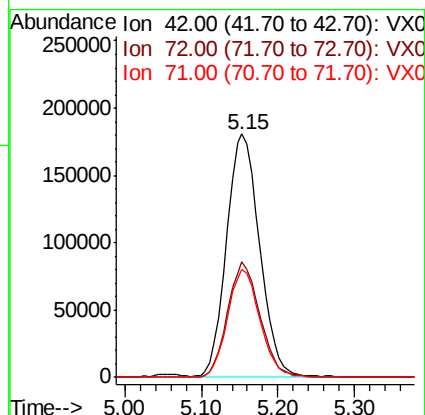
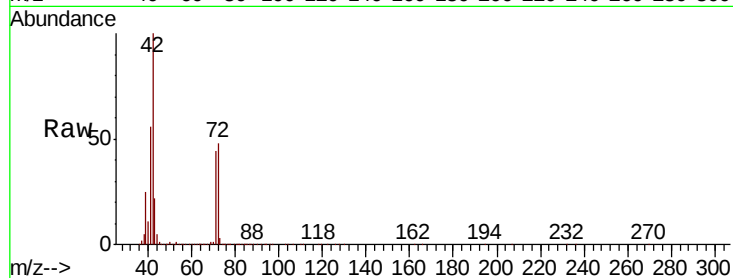
#29
Tetrahydrofuran
Concen: 270.132 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.6	56.4
71	43.5	34.6	51.8

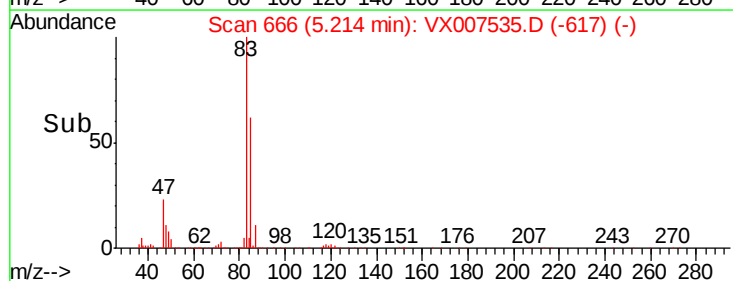
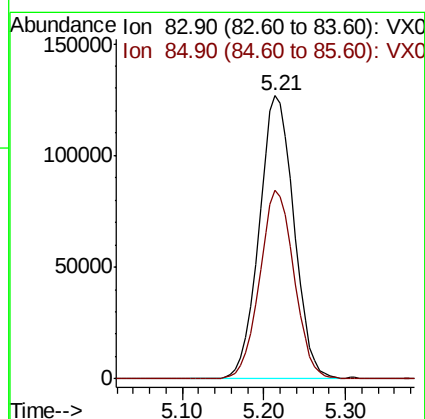
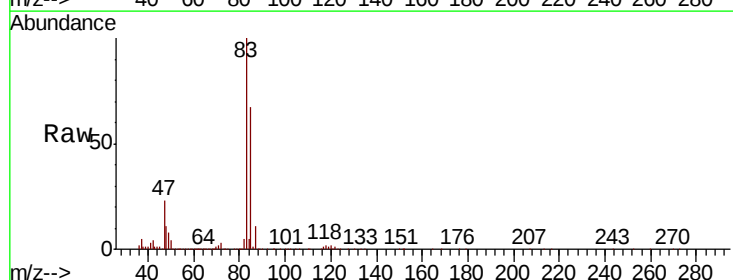
Manual Integrations
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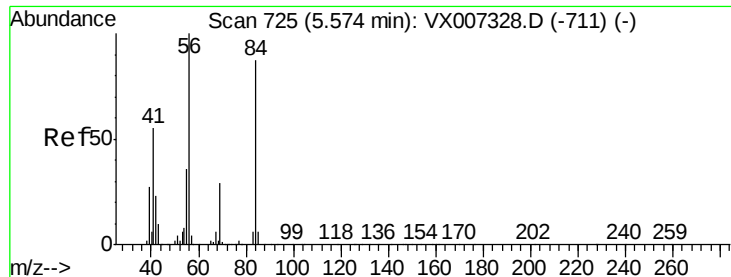
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2/14/2019 10:57:37 AM



#30
Chloroform
Concen: 47.820 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.6	77.4





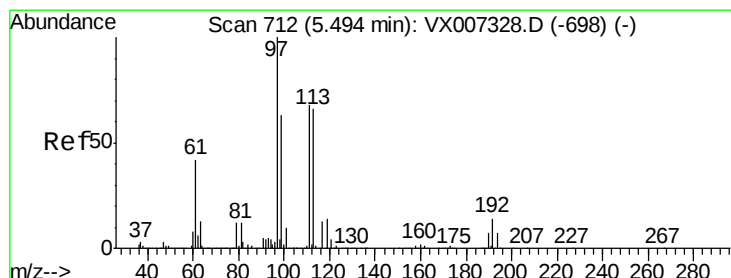
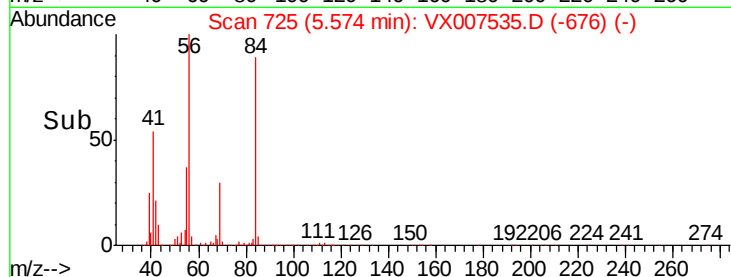
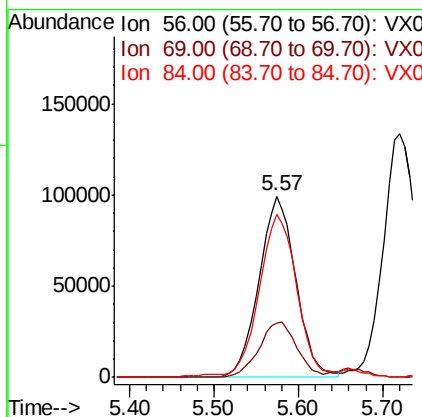
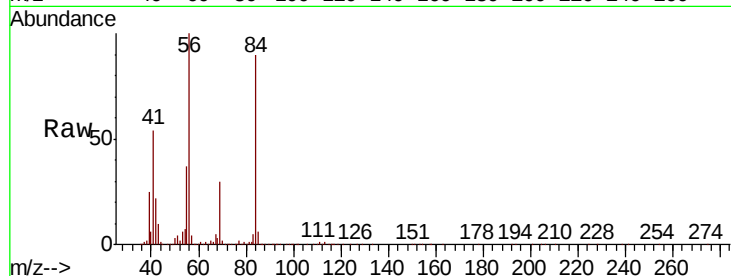
#31
Cyclohexane
Concen: 43.996 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.0	34.6
84	88.9	69.8	104.6

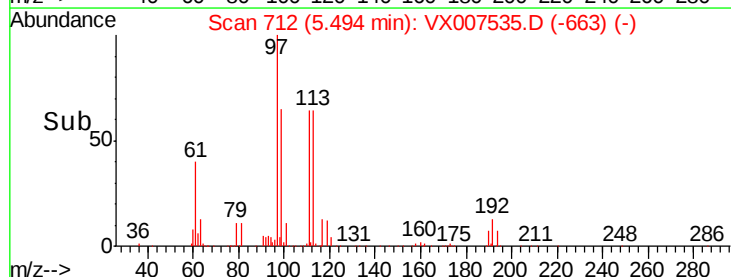
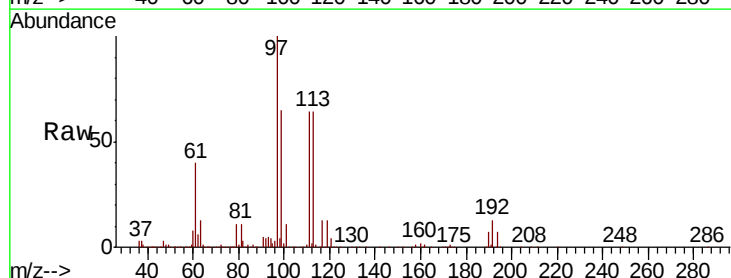
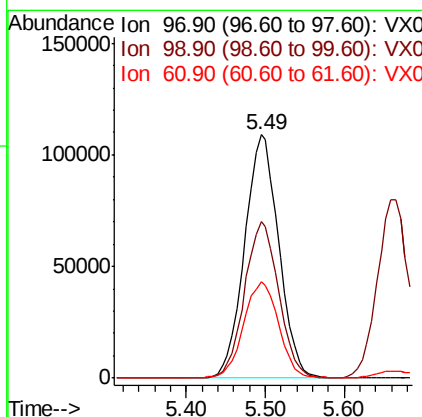
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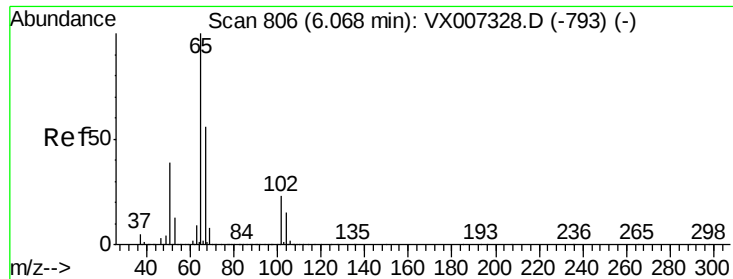
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2/14/2019 10:57:37 AM



#32
1,1,1-Trichloroethane
Concen: 49.423 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.2	78.2
61	40.9	32.7	49.1





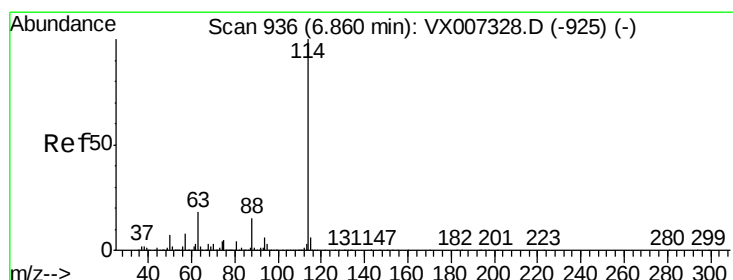
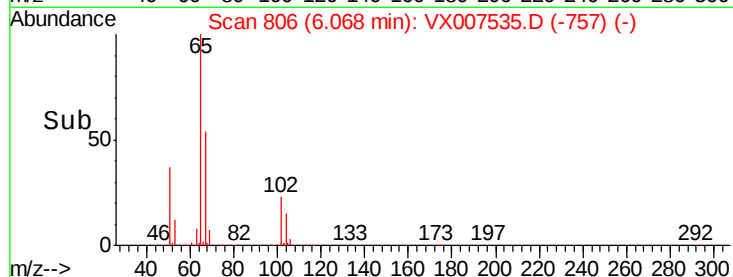
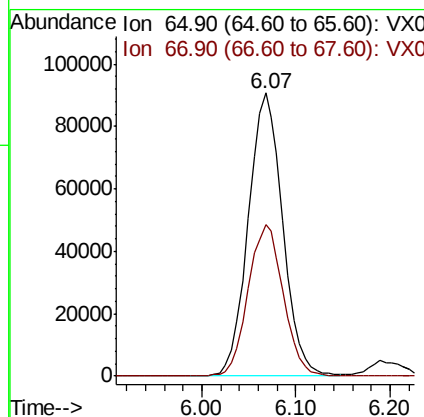
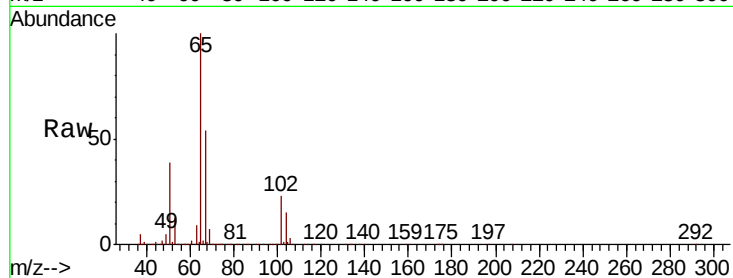
#33
 1,2-Dichloroethane-d4
 Concen: 47.676 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	108.8

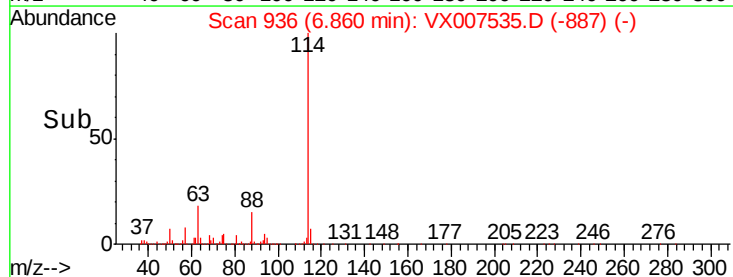
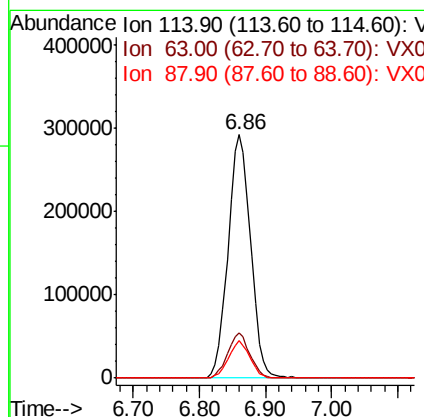
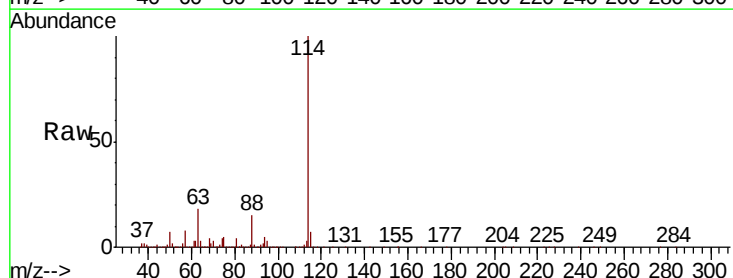
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	35.6
88	15.2	0.0	29.6





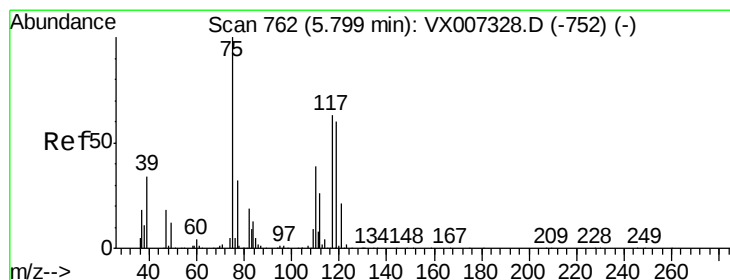
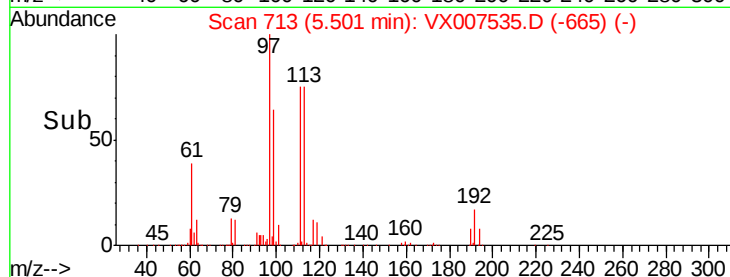
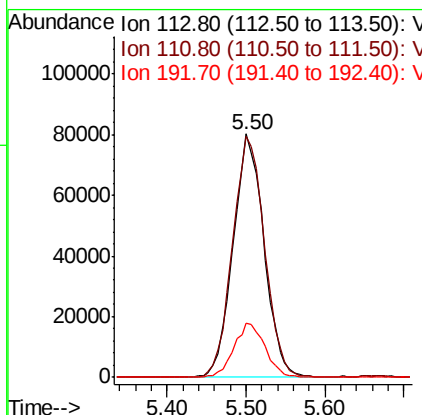
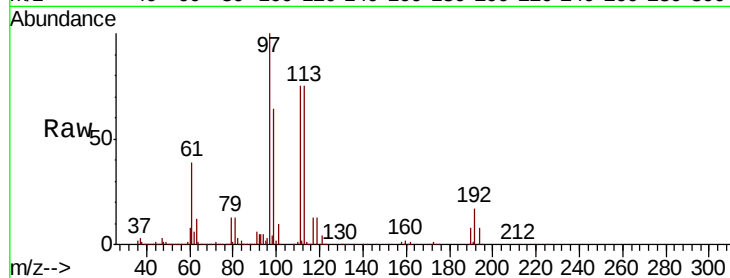
#35
Dibromofluoromethane
Concen: 48.941 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	219238		
111	102.0	81.8	122.8	
192	22.4	18.5	27.7	

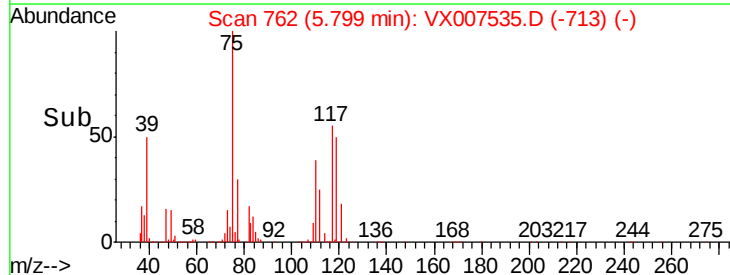
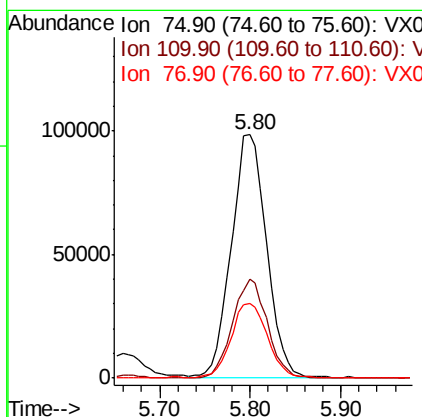
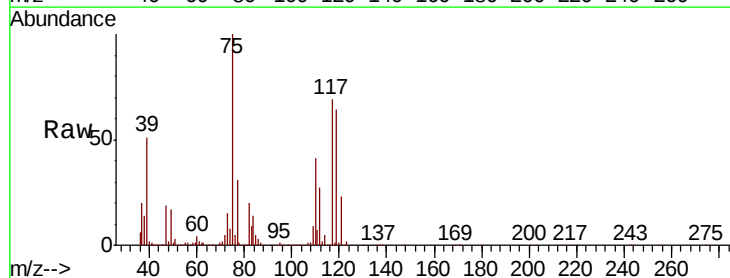
Manual Integrations
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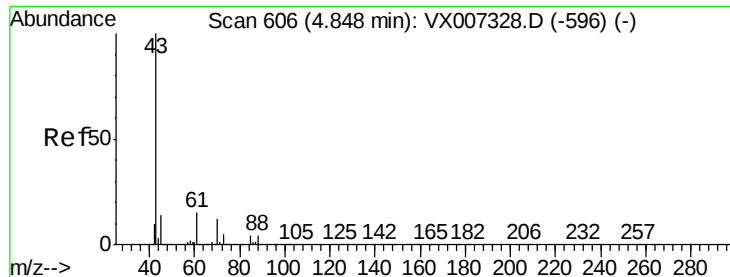
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#36
1,1-Dichloropropene
Concen: 42.822 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	264521		
110	40.2	20.0	59.9	
77	31.6	24.7	37.1	





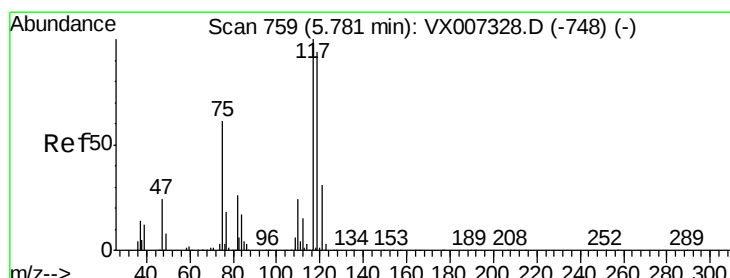
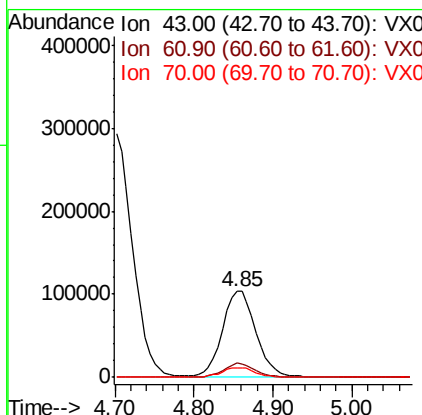
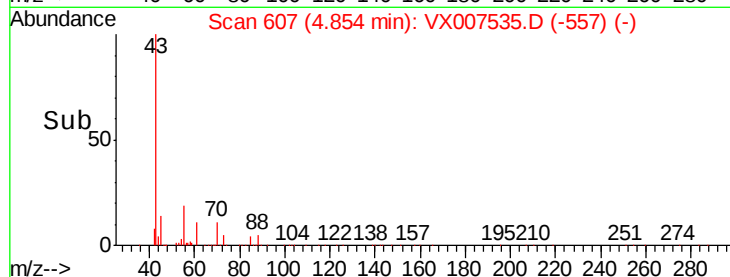
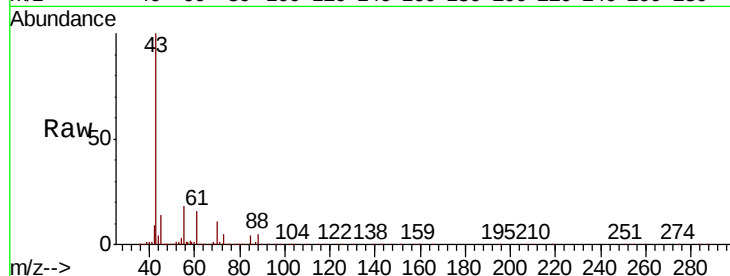
#37
Ethyl Acetate
Concen: 48.966 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.3	16.9
70	11.1	8.6	13.0

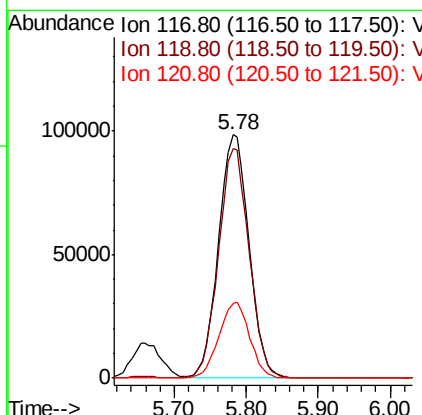
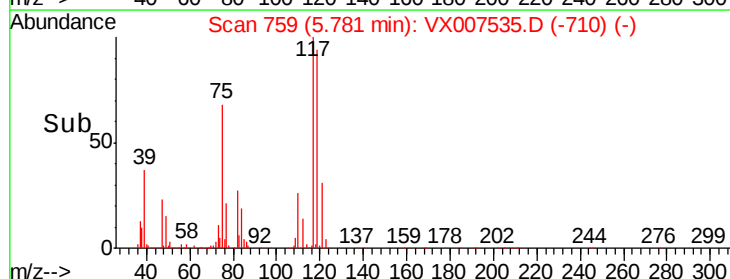
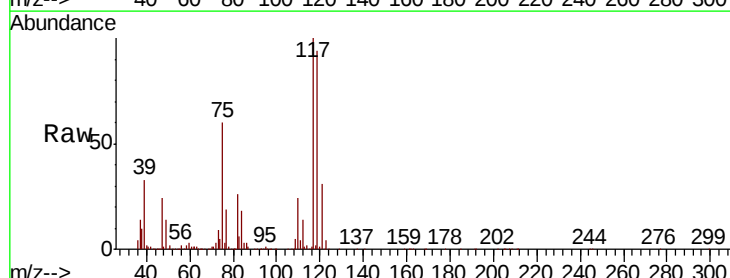
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#38
Carbon Tetrachloride
Concen: 48.429 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.3	112.9
121	30.5	25.0	37.4





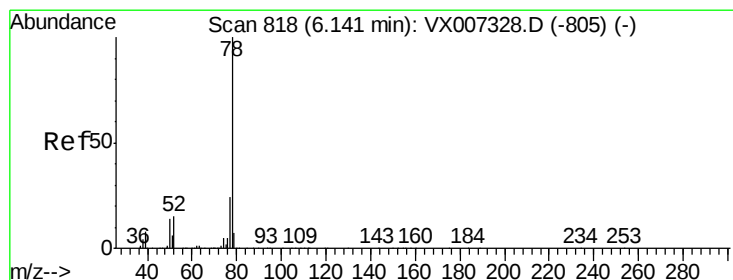
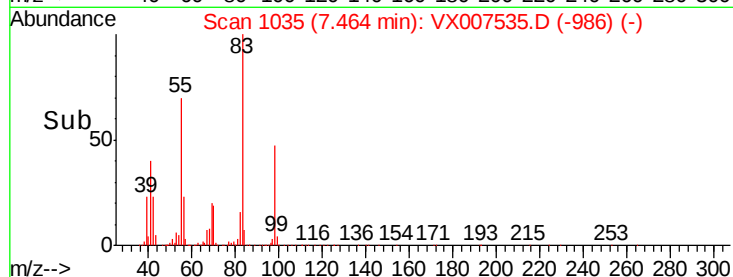
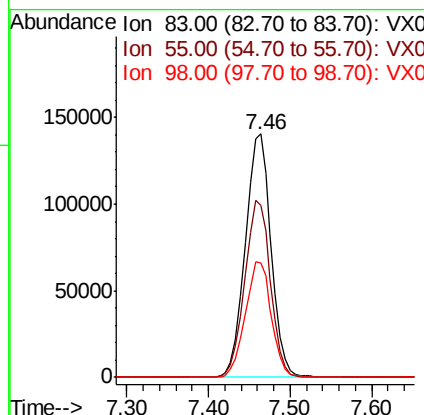
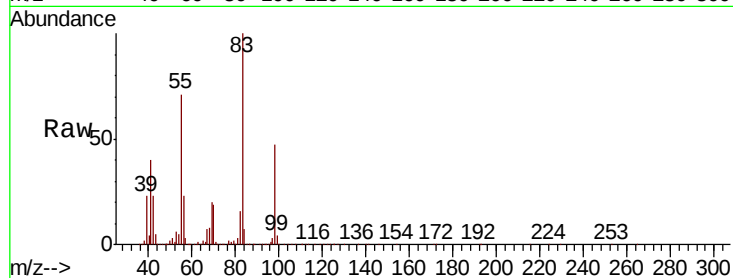
#39
Methvlcvclohexane
Concen: 41.311 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.4	56.2	84.2
98	47.2	36.8	55.2

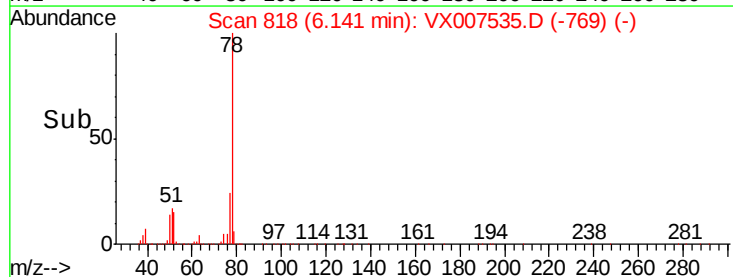
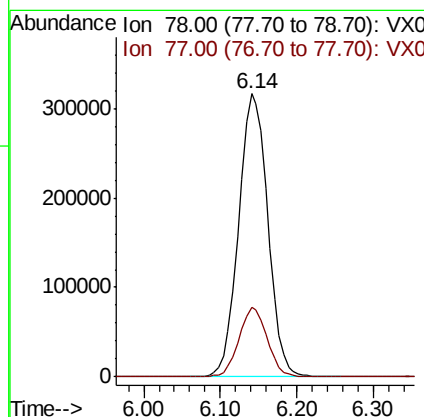
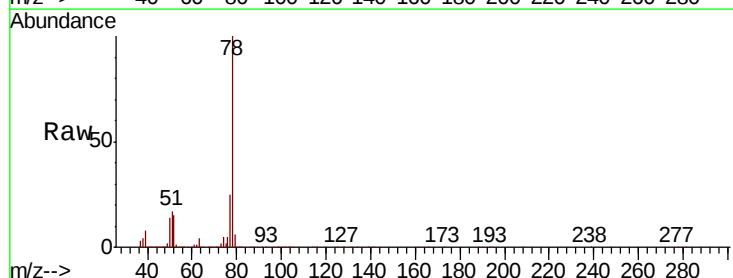
Manual Integrations
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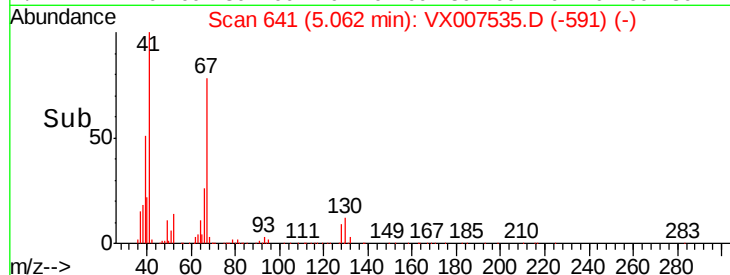
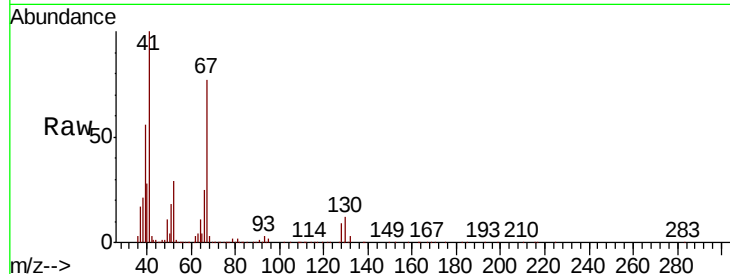
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#40
Benzene
Concen: 46.026 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

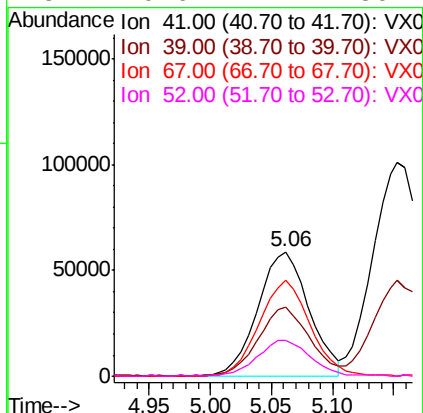
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.3	28.9





#41
Methacrylonitrile
Concen: 51.108 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

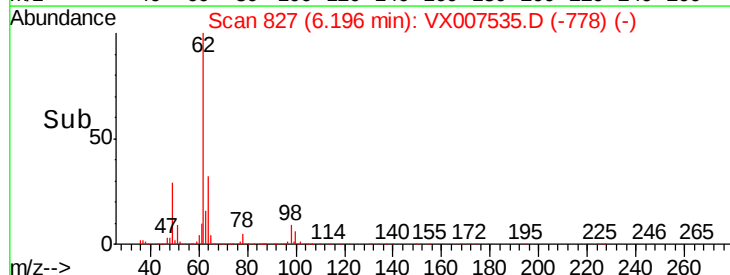
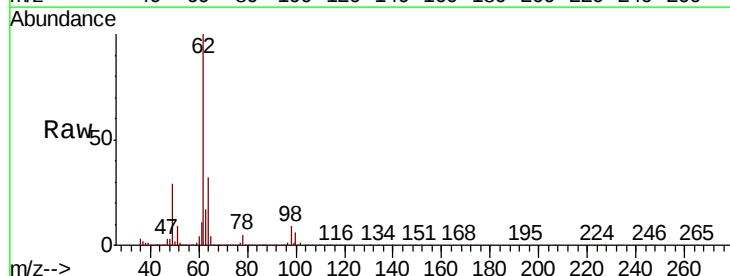
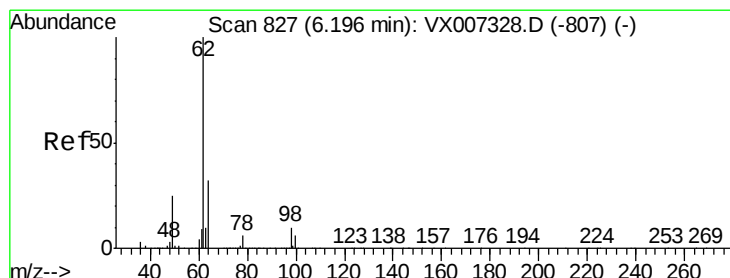
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		171044		
39	55.3	44.5	66.7		
67	76.7	60.4	90.6		
52	29.6	24.1	36.1		



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

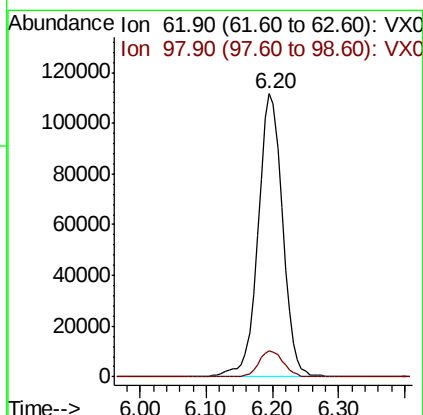
Manual Integrations
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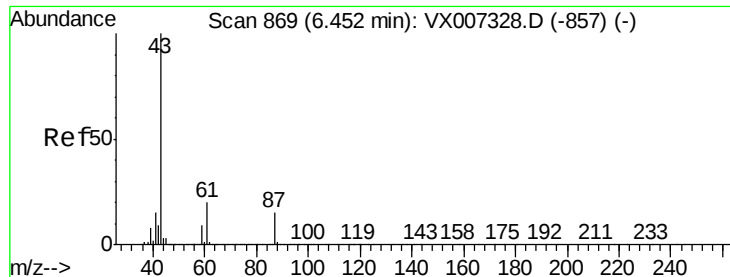
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#42
1,2-Dichloroethane
Concen: 45.634 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		287306		
98	9.4	0.0	19.0		





#43

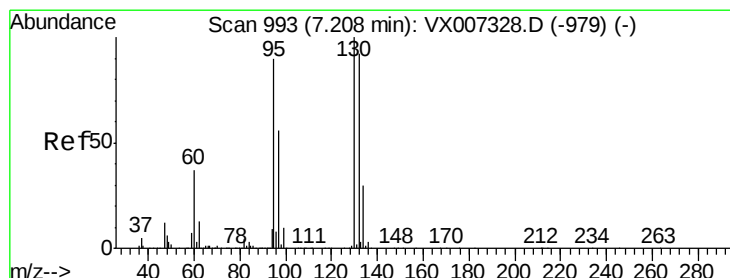
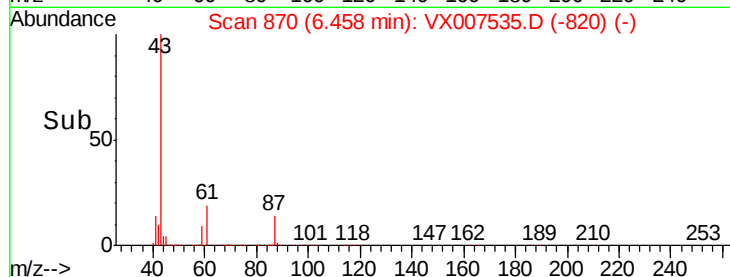
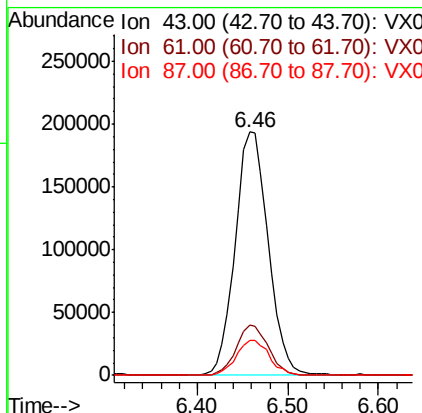
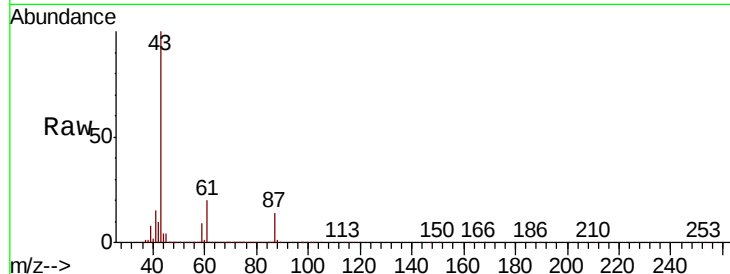
Isopropyl Acetate
 Concen: 50.653 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.1	24.1
87	14.4	11.5	17.3

Manual Integrations
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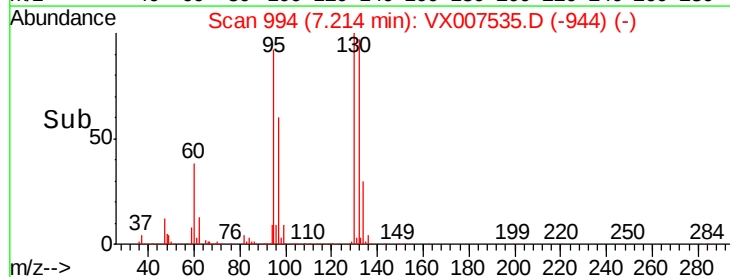
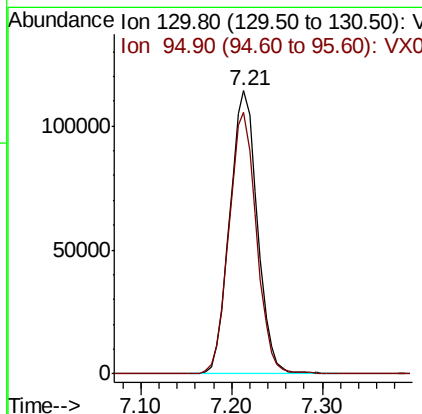
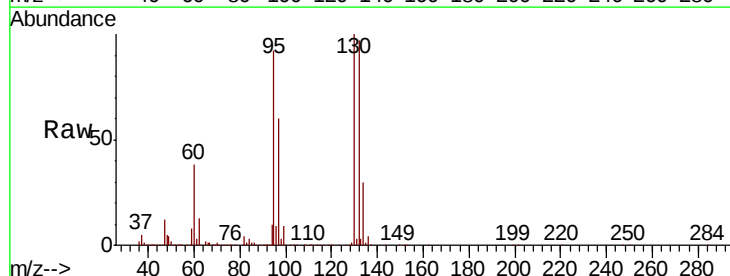
MMDadoda
 2/14/2019 10:57:37 AM

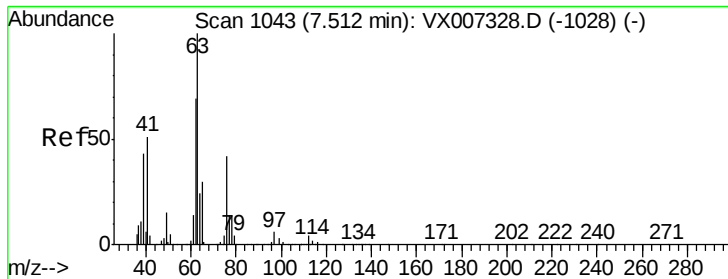


#44

Trichloroethene
 Concen: 44.118 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 47.757 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 217730

Ion Ratio Lower Upper

63 100

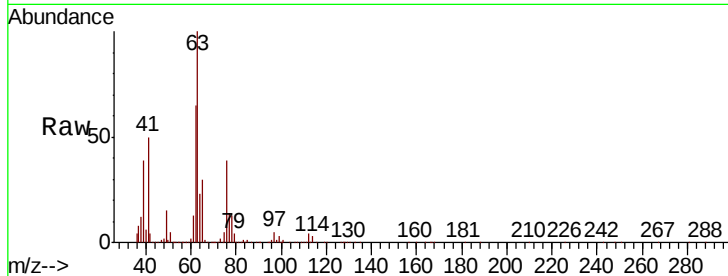
65 30.1 24.2 36.2

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

120000

100000

80000

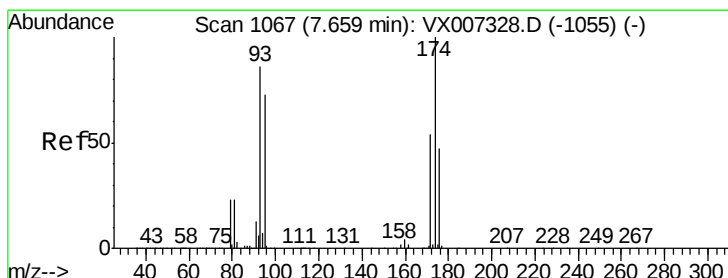
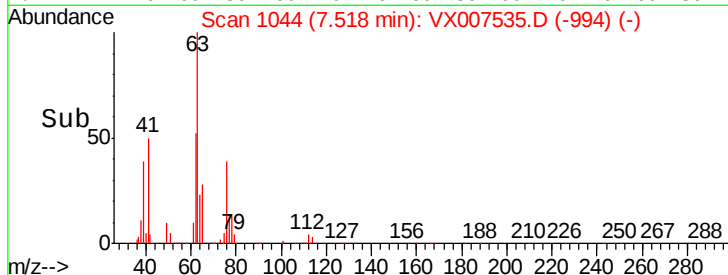
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 45.846 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

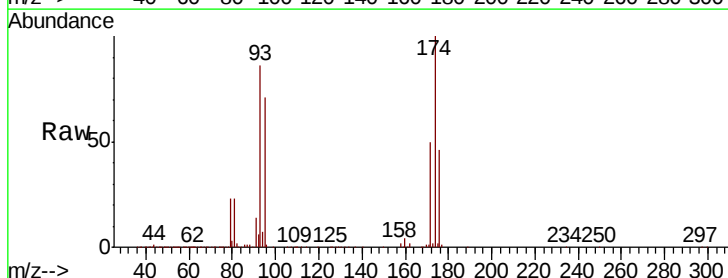
Tgt Ion: 93 Resp: 151916

Ion Ratio Lower Upper

93 100

95 84.1 67.6 101.4

174 117.2 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

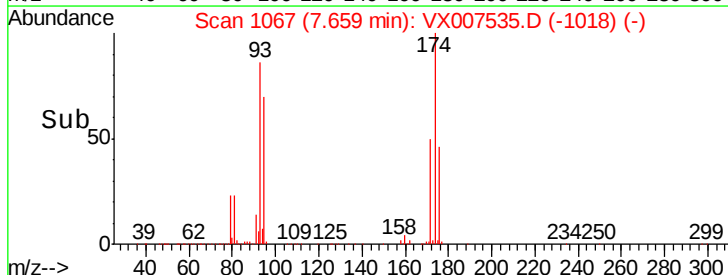
60000

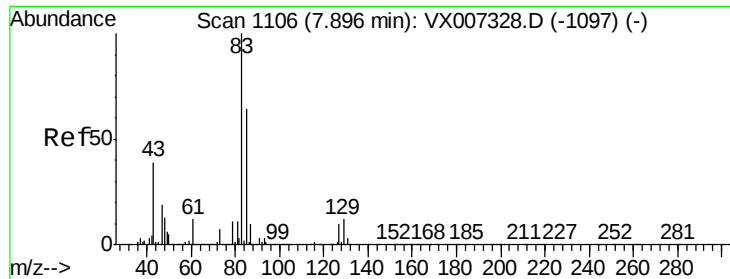
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 48.901 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

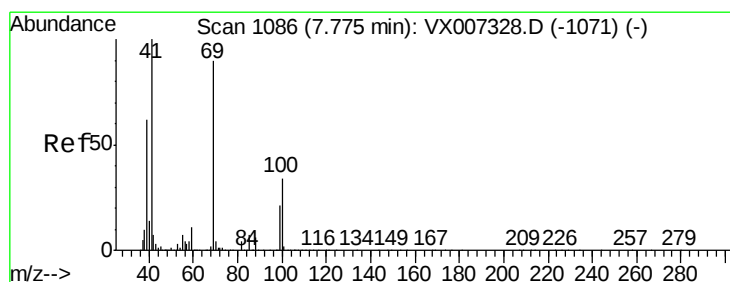
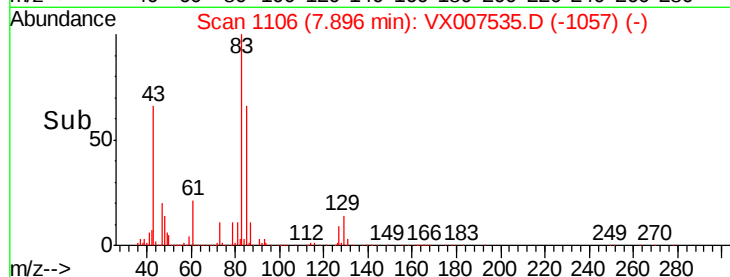
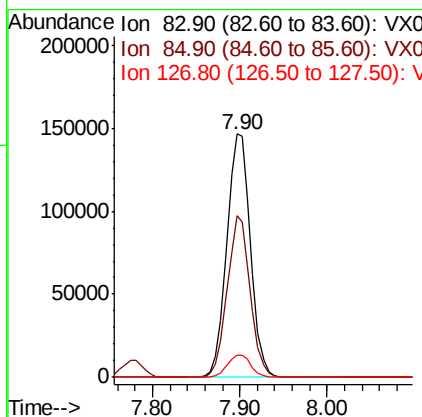
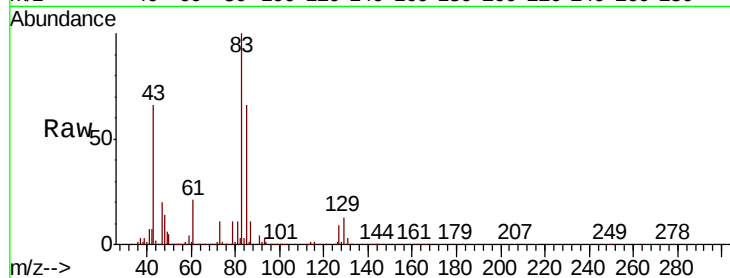
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	274620
Ion Ratio	Lower	Upper	
83	100		
85	66.1	51.4	77.0
127	9.3	8.1	12.1

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#48

Methyl methacrylate

Concen: 51.858 ug/l

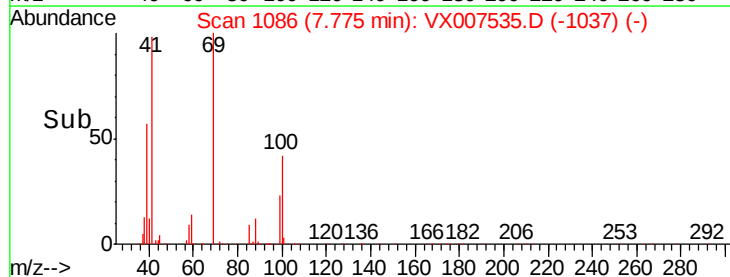
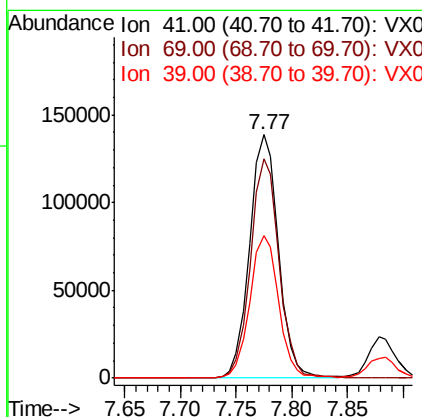
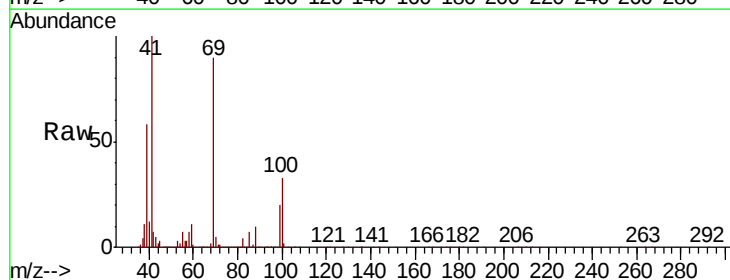
RT: 7.77 min Scan# 1086

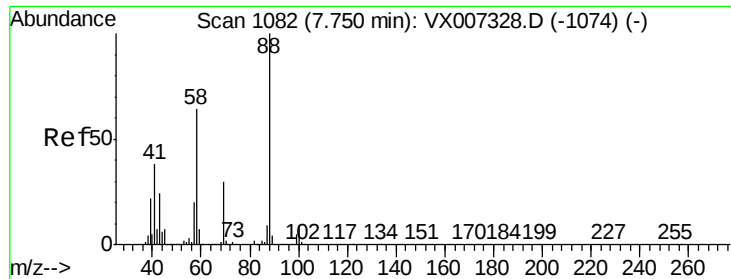
Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Tgt Ion:	41	Resp:	250010
Ion Ratio	Lower	Upper	
41	100		
69	90.1	70.2	105.4
39	58.8	47.4	71.0





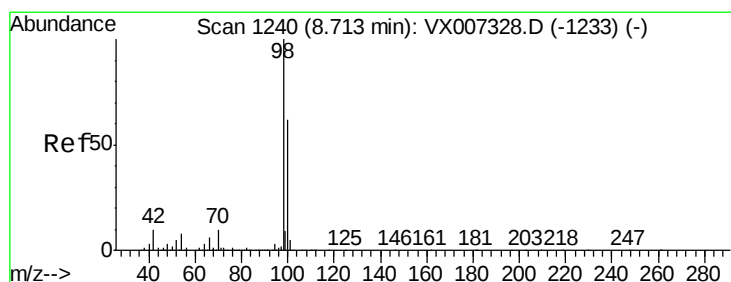
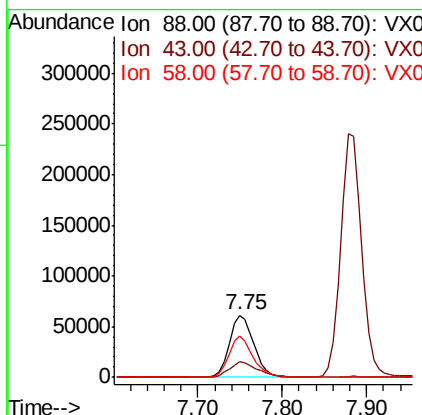
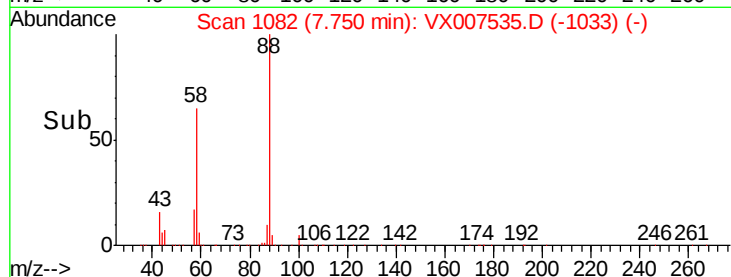
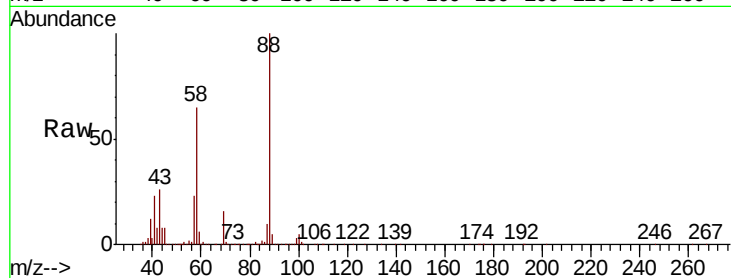
#49
1,4-Dioxane
Concen: 1093.475 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	24.2	36.4
58	65.2	53.0	79.4

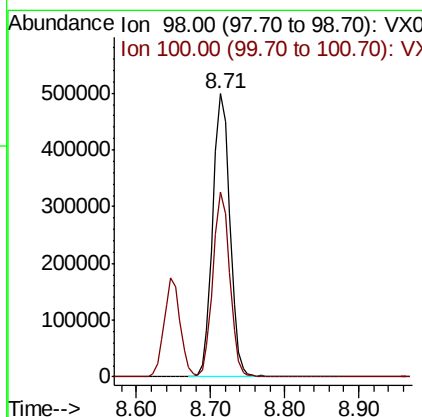
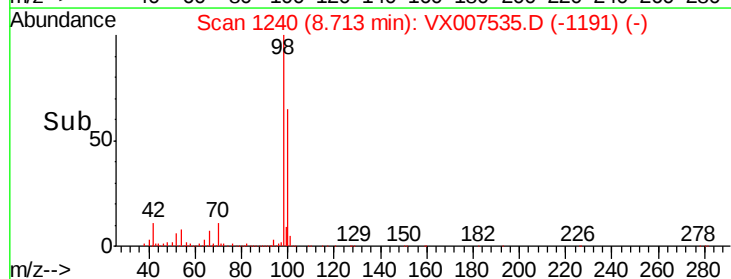
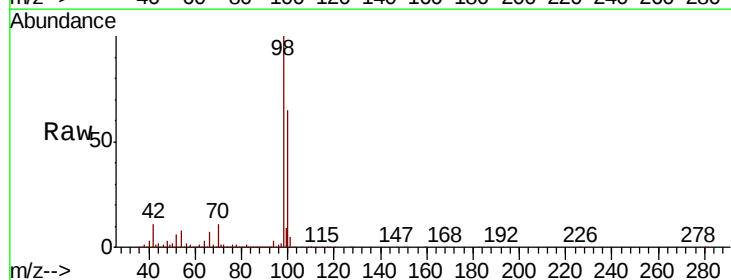
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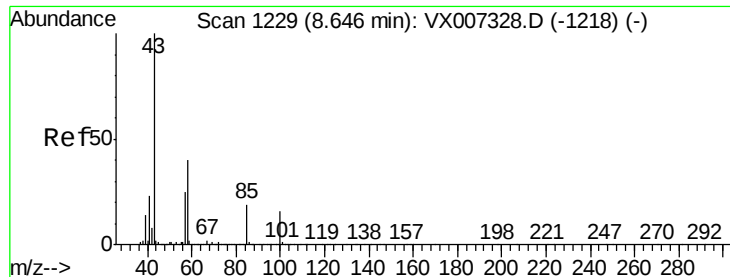
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#50
Toluene-d8
Concen: 47.639 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 257.211 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1632000

Ion Ratio Lower Upper

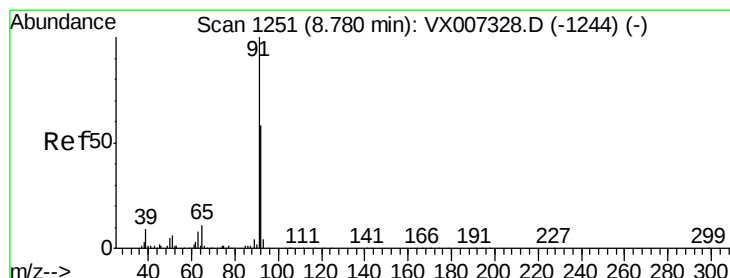
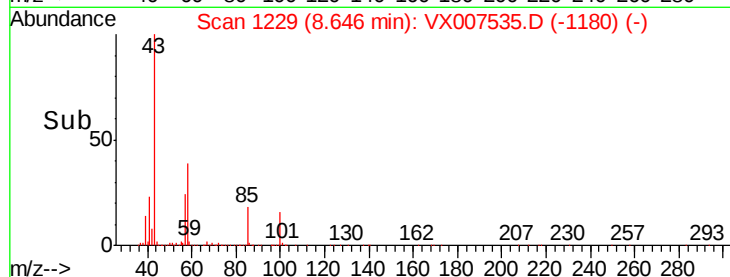
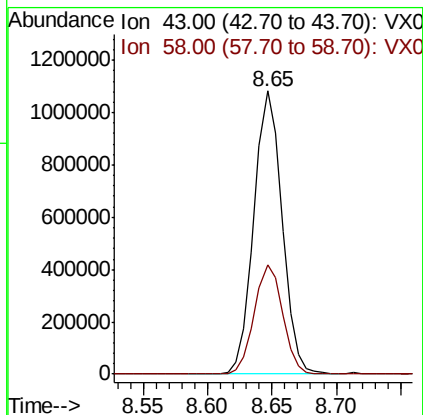
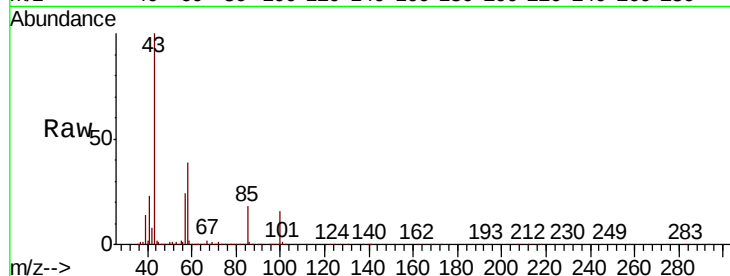
43 100

58 39.1 31.2 46.8

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#52

Toluene

Concen: 45.243 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007535.D

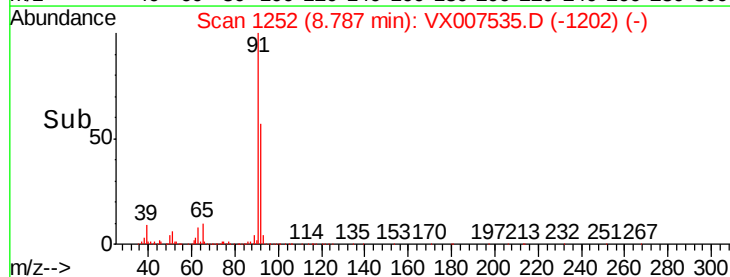
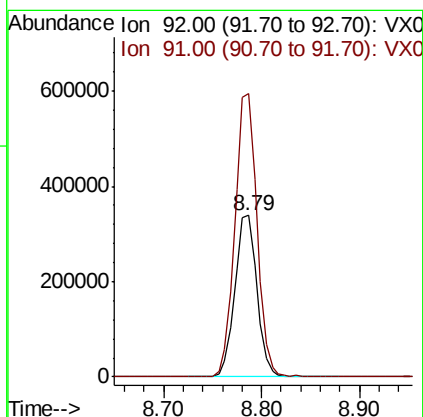
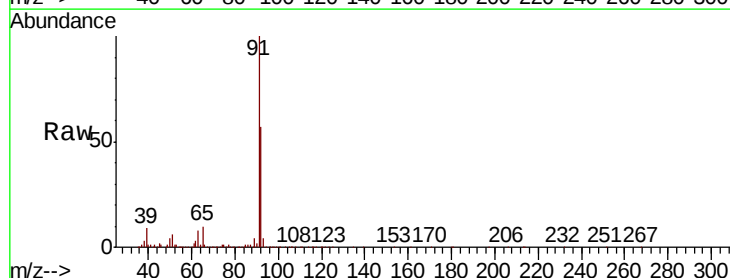
Acq: 13 Feb 2019 21:50

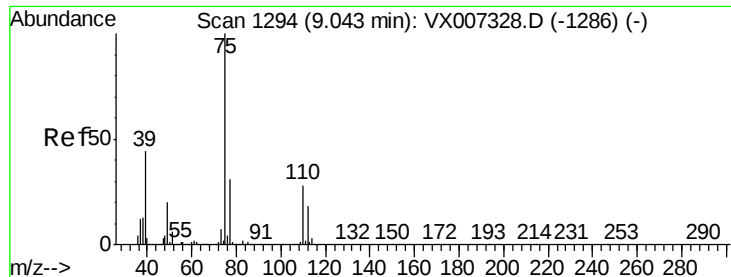
Tgt Ion: 92 Resp: 531154

Ion Ratio Lower Upper

92 100

91 175.8 139.1 208.7





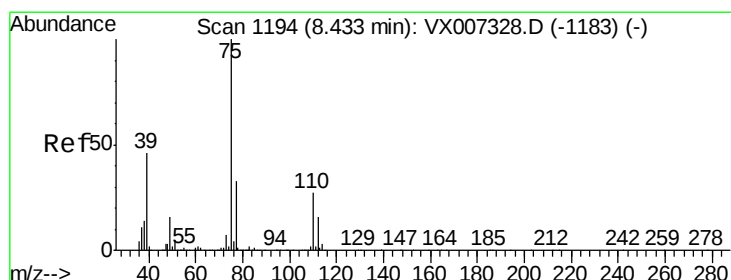
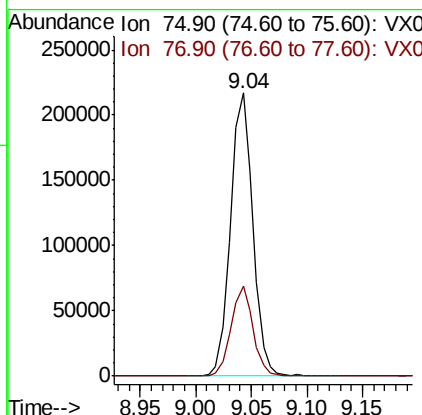
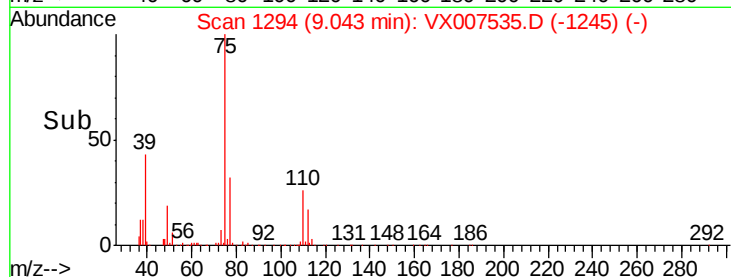
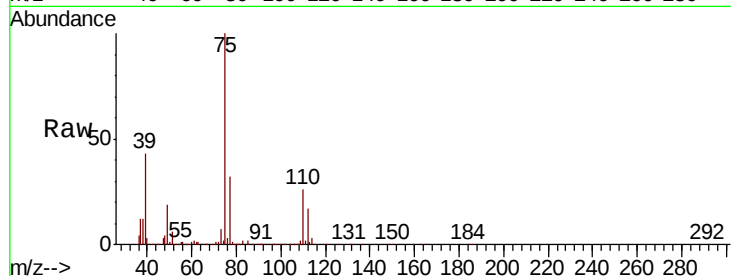
#53
 t-1,3-Dichloropropene
 Concen: 49.767 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.2	37.8

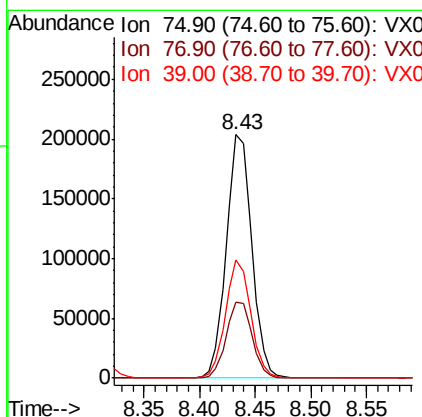
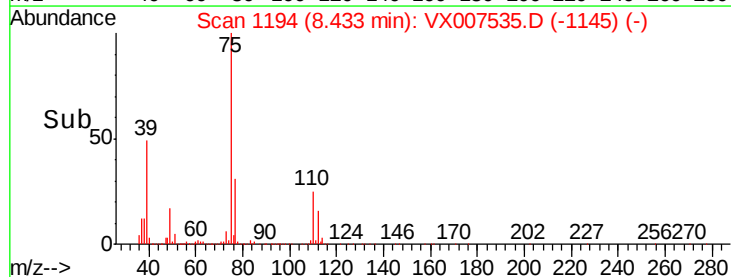
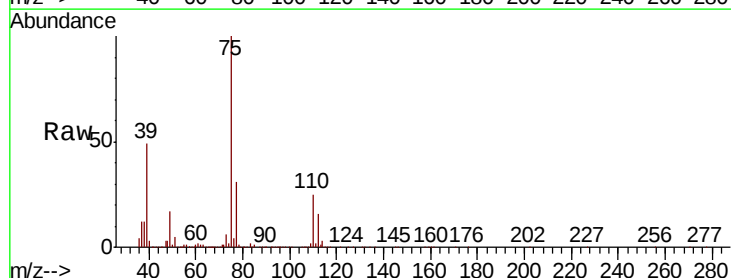
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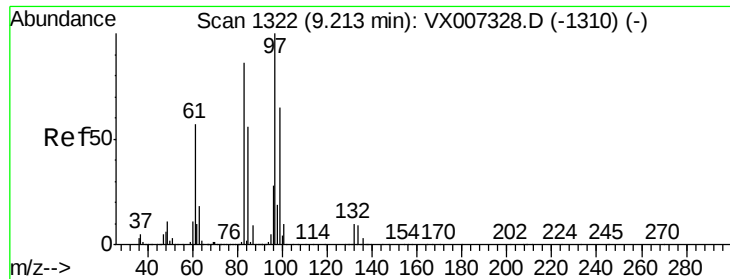
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#54
 cis-1,3-Dichloropropene
 Concen: 48.728 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.2	39.4
39	48.5	37.1	55.7





#55

1,1,2-Trichloroethane

Concen: 47.805 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

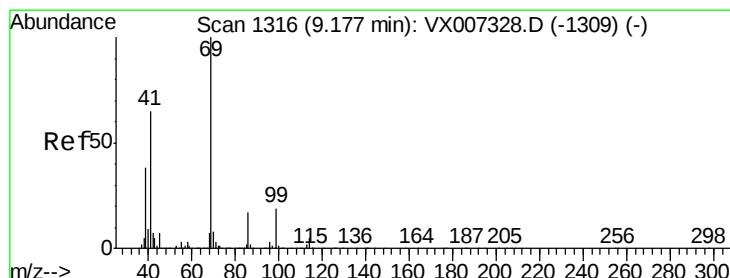
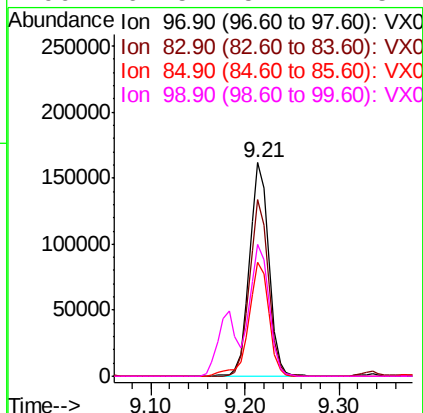
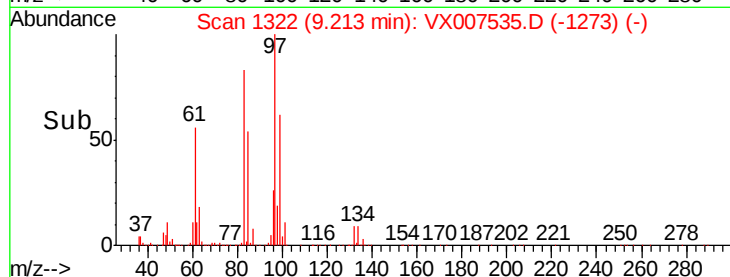
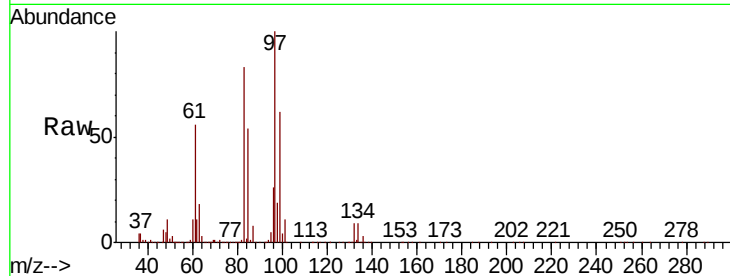
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		233948		
83	82.7	68.6	102.8		
85	53.6	44.5	66.7		
99	61.5	52.2	78.4		

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#56

Ethyl methacrylate

Concen: 50.463 ug/l

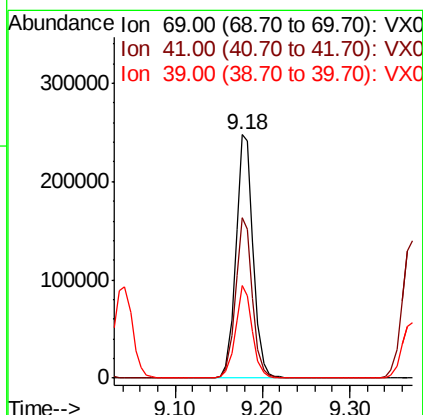
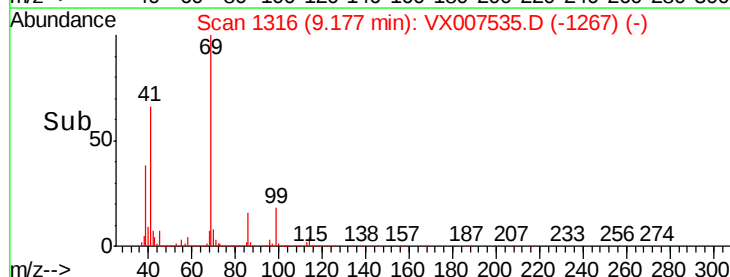
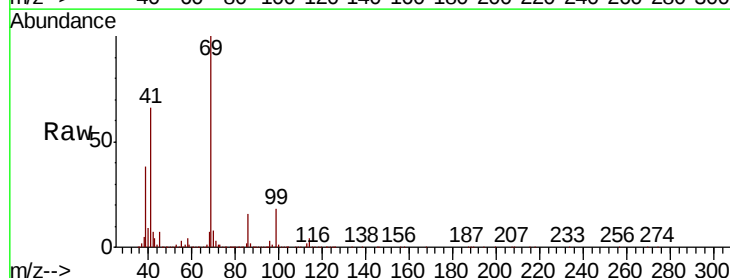
RT: 9.18 min Scan# 1316

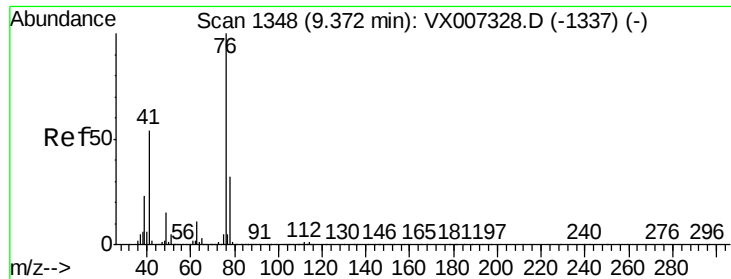
Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		342035		
41	64.3	52.1	78.1		
39	36.2	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 46.609 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 362733

Ion Ratio Lower Upper

76 100

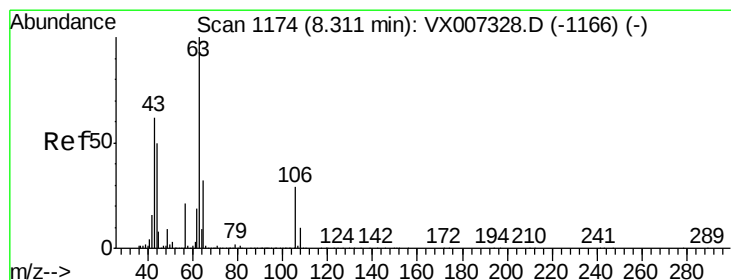
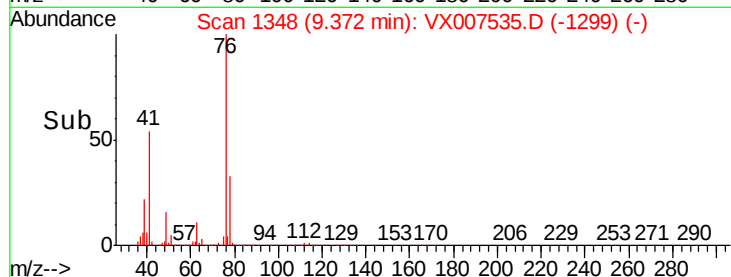
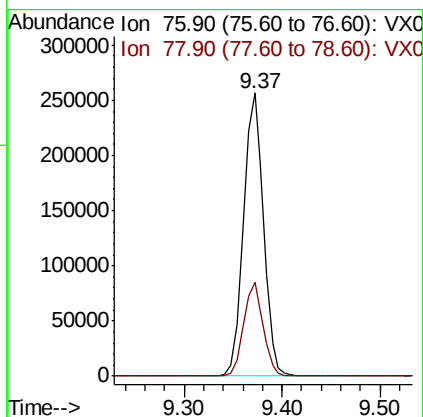
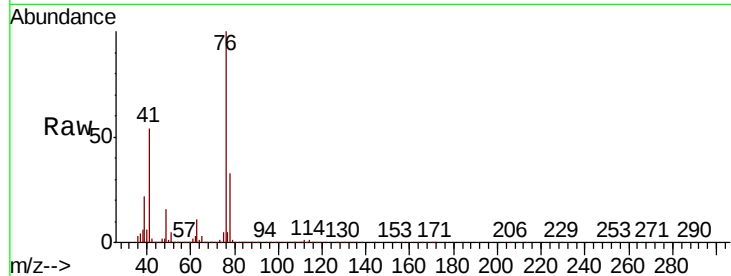
78 32.6 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 254.188 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007535.D

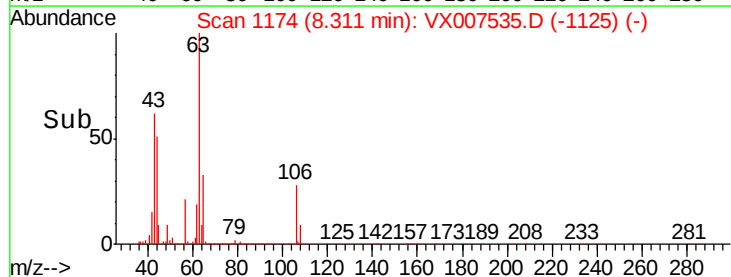
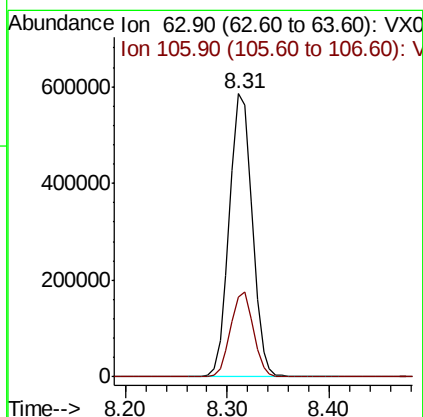
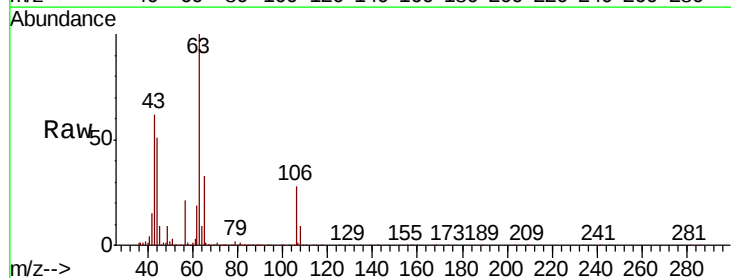
Acq: 13 Feb 2019 21:50

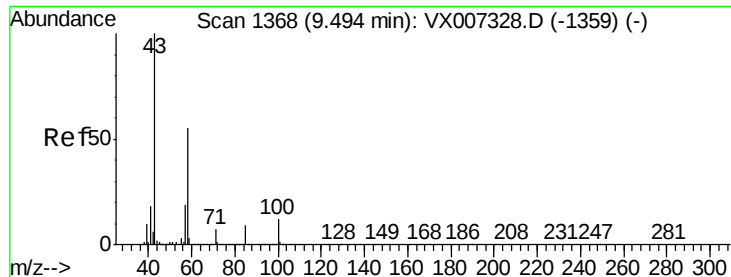
Tgt Ion: 63 Resp: 908095

Ion Ratio Lower Upper

63 100

106 29.9 23.6 35.4





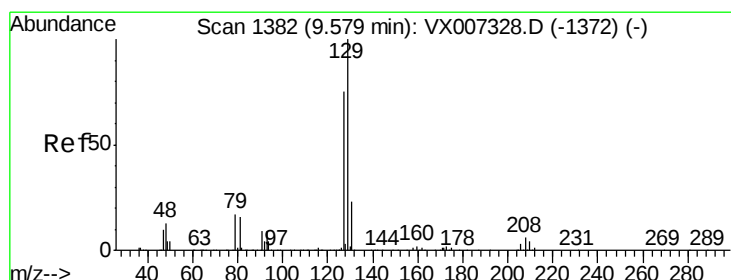
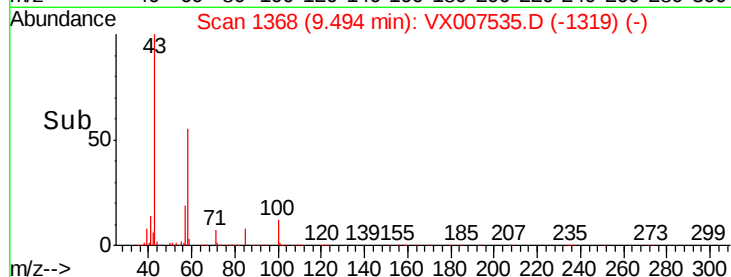
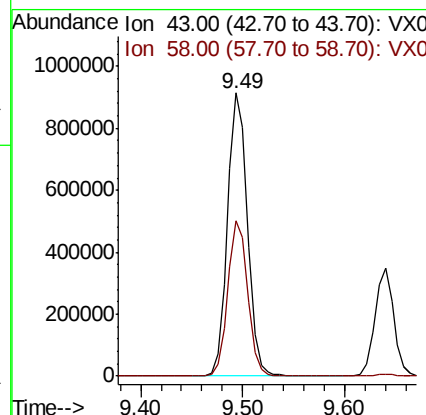
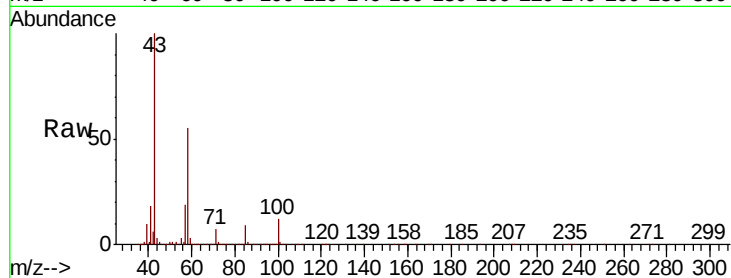
#59
2-Hexanone
Concen: 250.872 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1238671
Ion Ratio Lower Upper
43 100
58 54.9 27.1 81.3

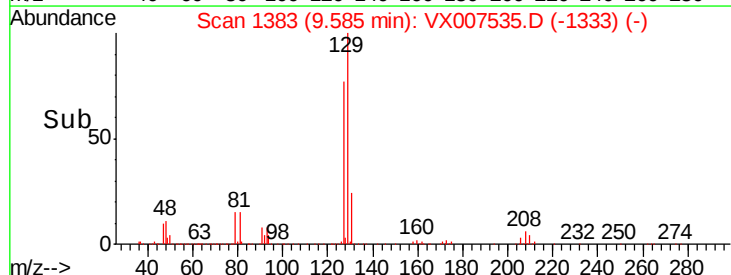
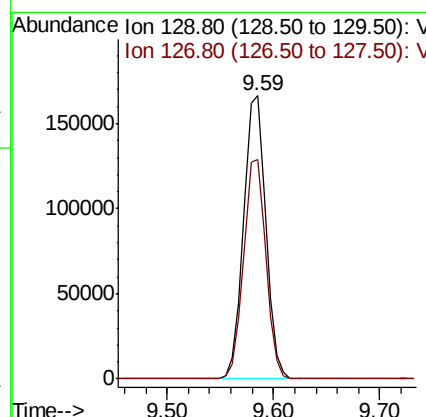
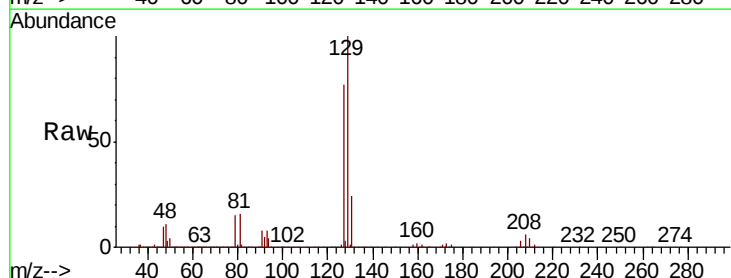
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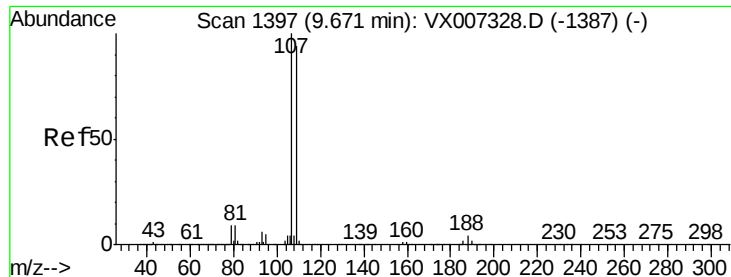
MMDadoda
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#60
Dibromochloromethane
Concen: 53.112 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion: 129 Resp: 245820
Ion Ratio Lower Upper
129 100
127 77.6 37.8 113.4





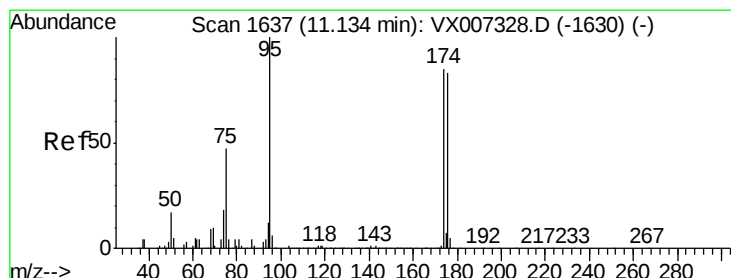
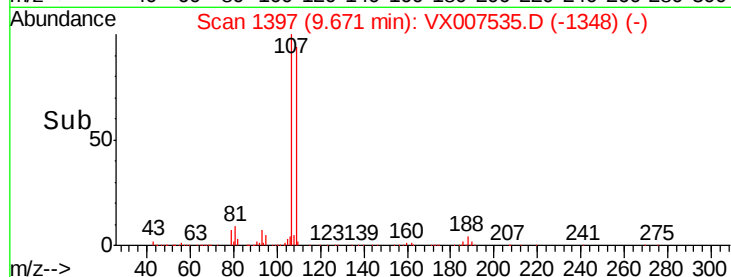
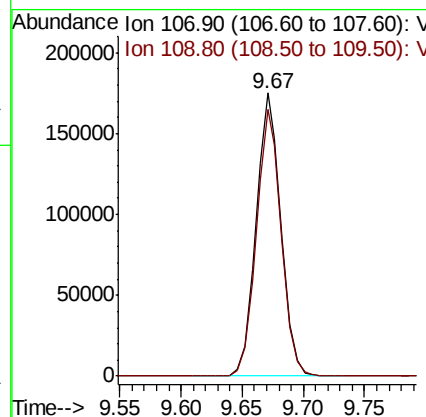
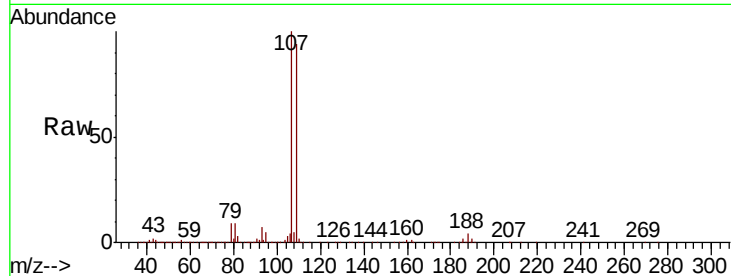
#61
 1,2-Dibromoethane
 Concen: 47.594 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.1	112.7

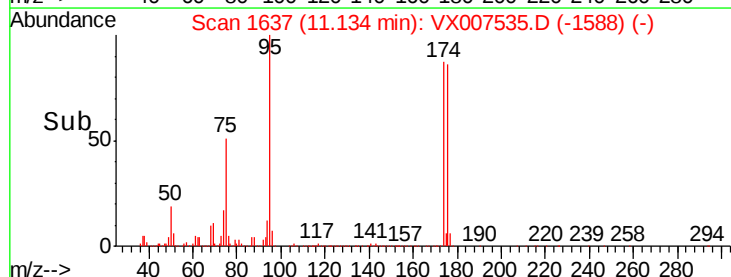
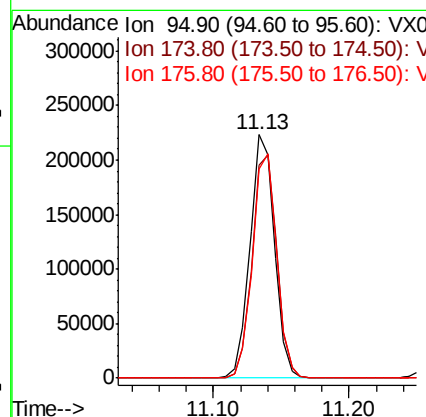
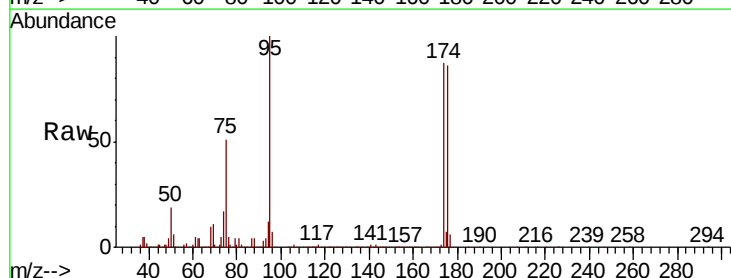
Manual Integrations
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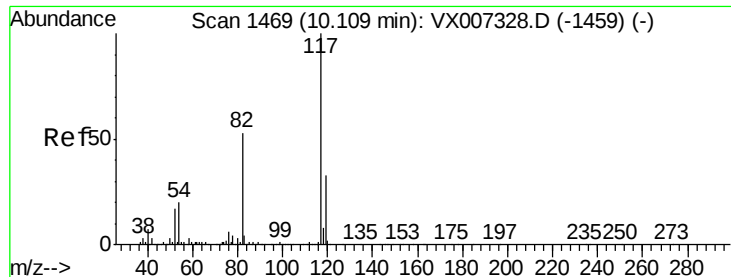
MMDadoda
 2/14/2019 10:57:37 AM



#62
 4-Bromofluorobenzene
 Concen: 46.411 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	189.2
176	91.6	0.0	186.2





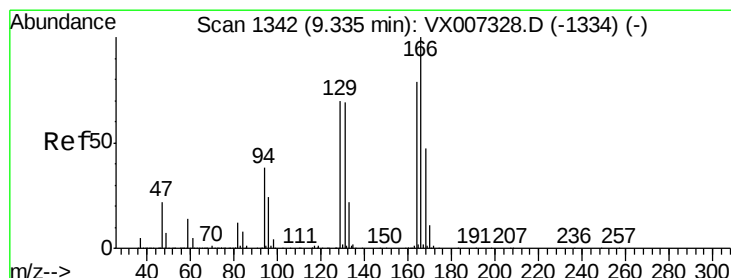
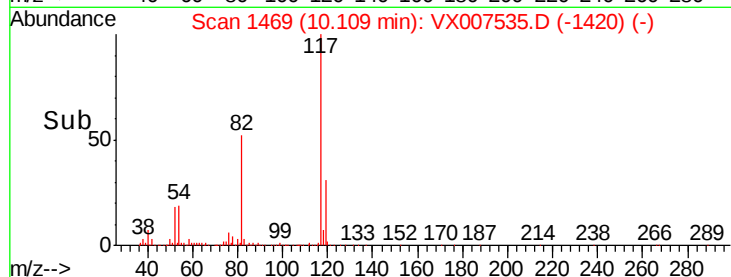
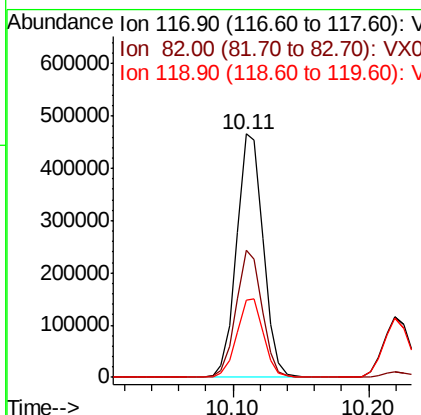
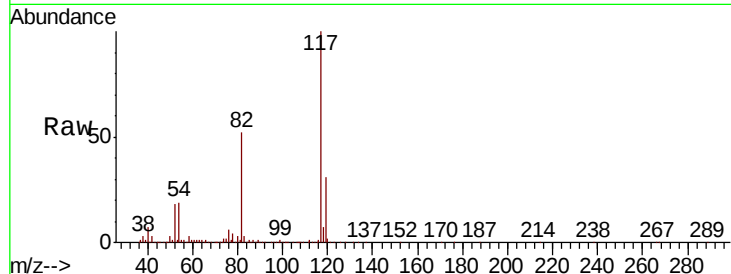
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.1	63.1
119	31.5	26.5	39.7

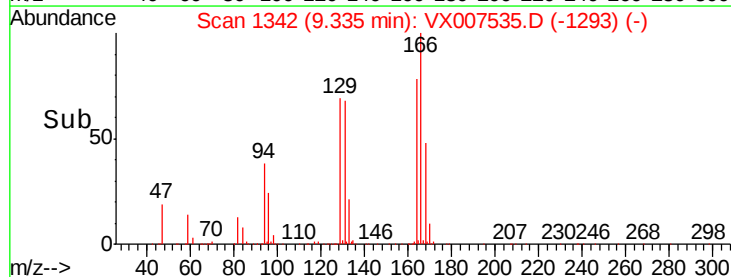
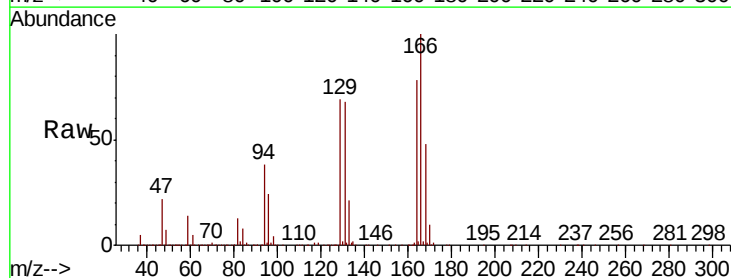
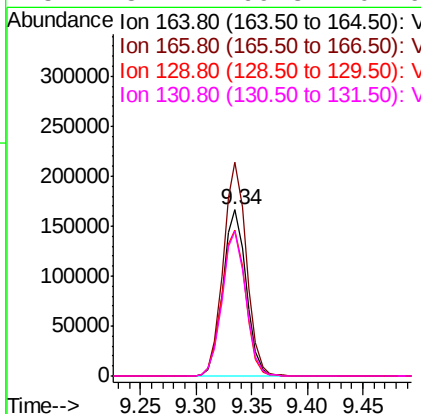
Manual Integrations
APPROVED

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2/14/2019 10:57:37 AM



#64
Tetrachloroethene
Concen: 40.296 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	101.0	151.4
129	88.2	70.5	105.7
131	87.1	69.8	104.6





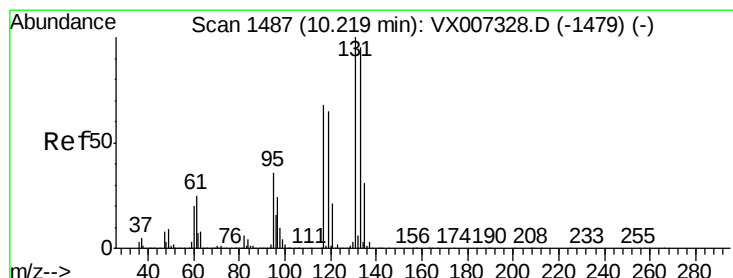
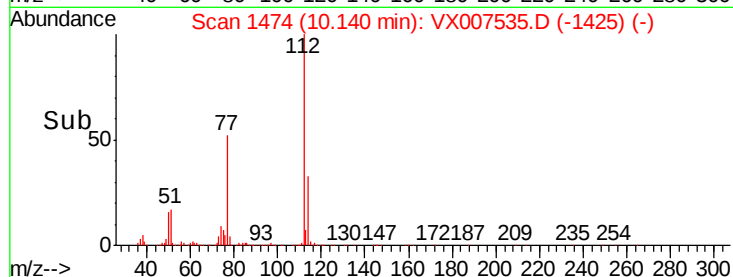
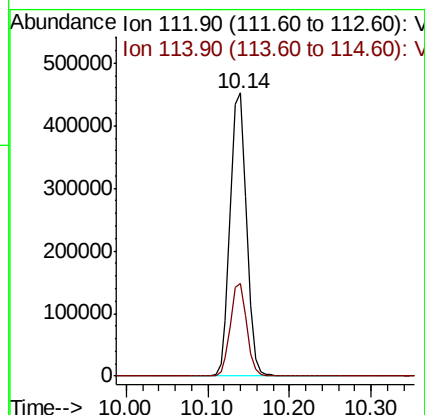
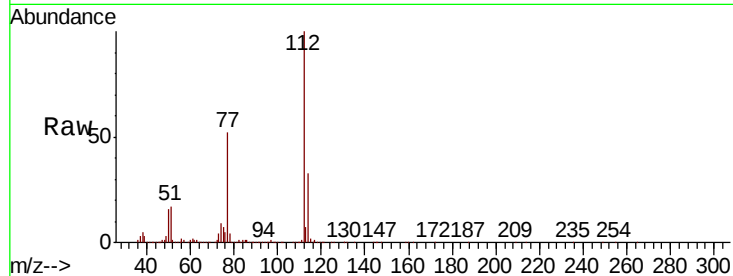
#65
Chlorobenzene
Concen: 45.211 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.8	38.6

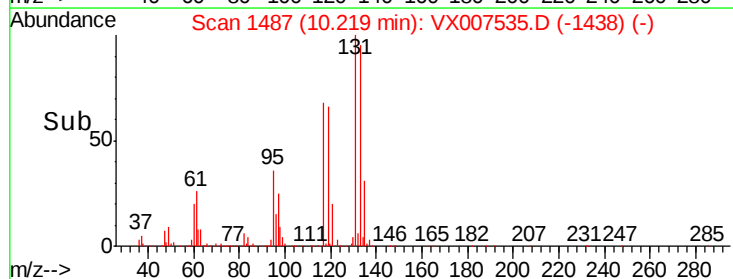
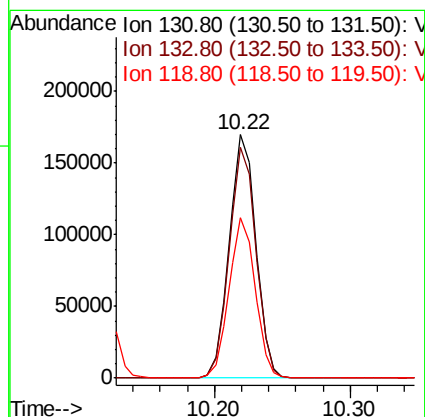
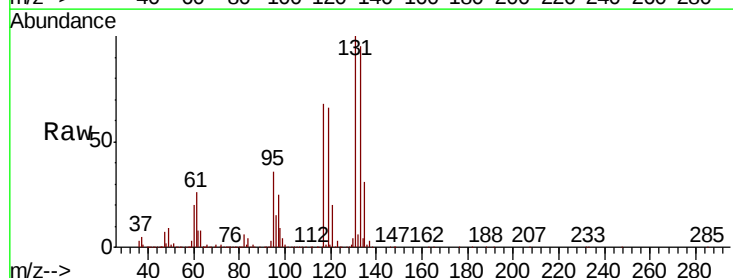
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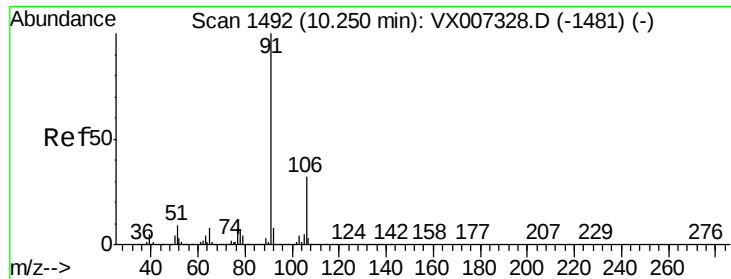
MMDadoda
2/14/2019 10:57:37 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.863 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.0	144.2
119	65.1	32.0	96.0





#67

Ethyl Benzene

Concen: 46.124 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1026222

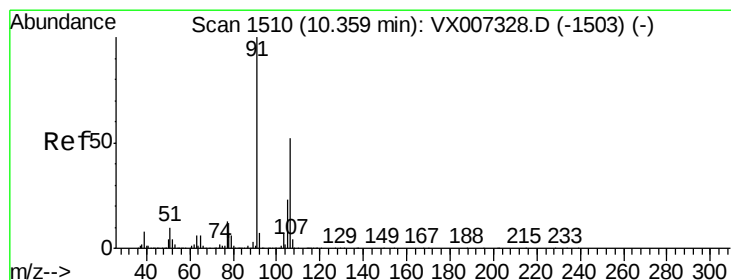
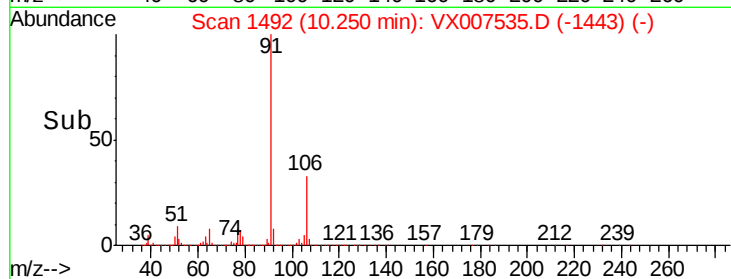
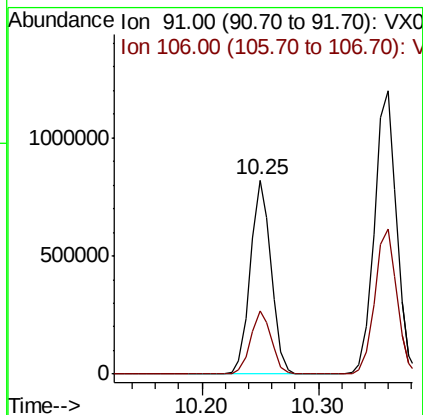
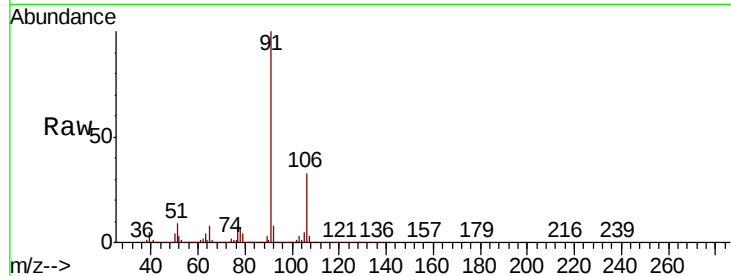
Ion Ratio Lower Upper

91 100

106 32.5 25.4 38.0

Manual Integrations
APPROVED

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2/14/2019 10:57:37 AM



#68

m/p-Xylenes

Concen: 91.411 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007535.D

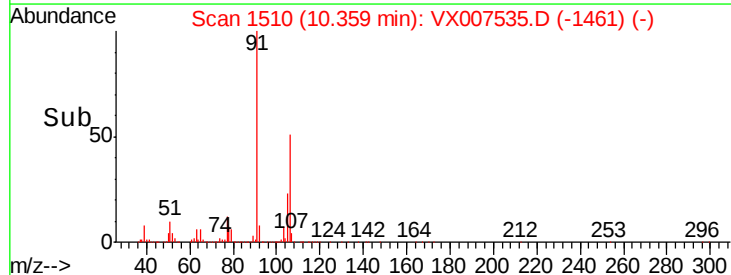
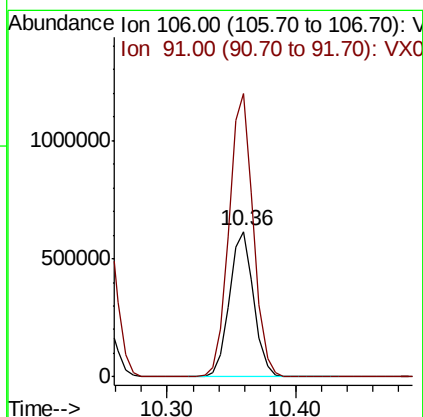
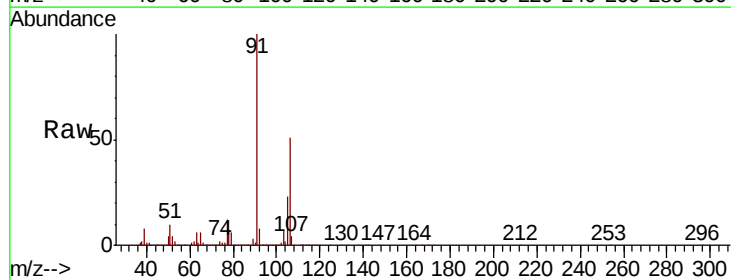
Acq: 13 Feb 2019 21:50

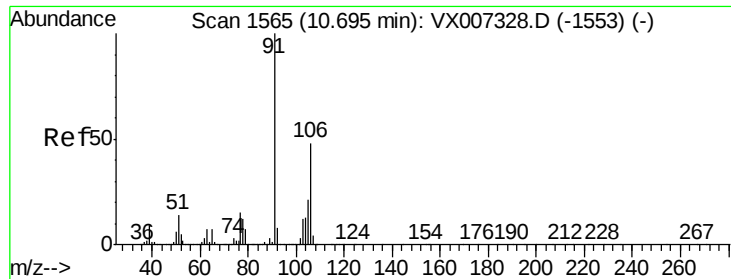
Tgt Ion: 106 Resp: 808480

Ion Ratio Lower Upper

106 100

91 194.8 156.6 234.8





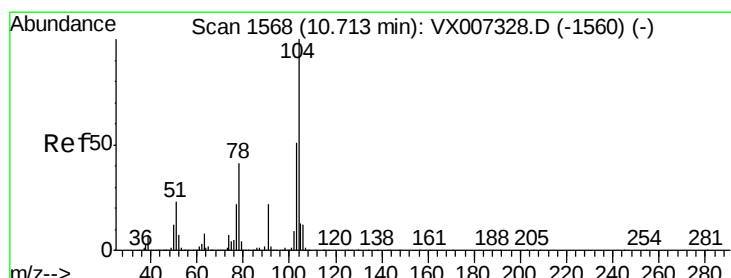
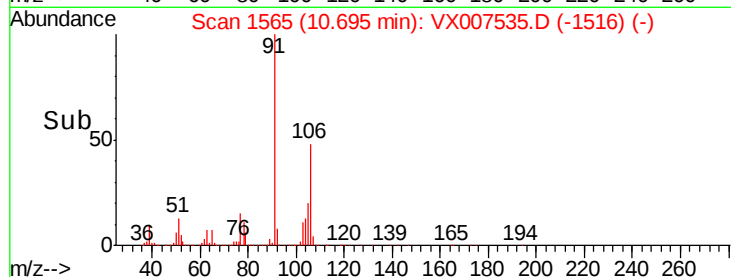
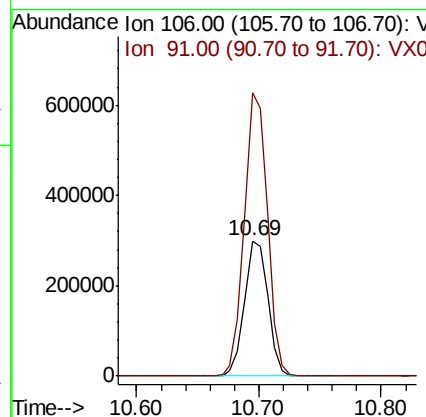
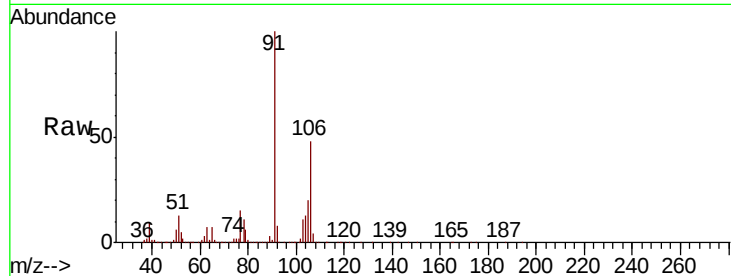
#69
o-Xylene
Concen: 46.620 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
396764	106			
100	106	100		
206.4	91		102.9	308.7

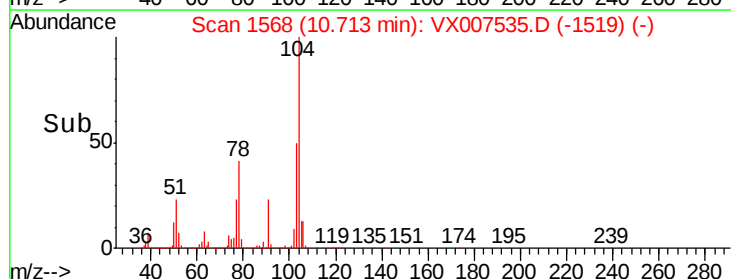
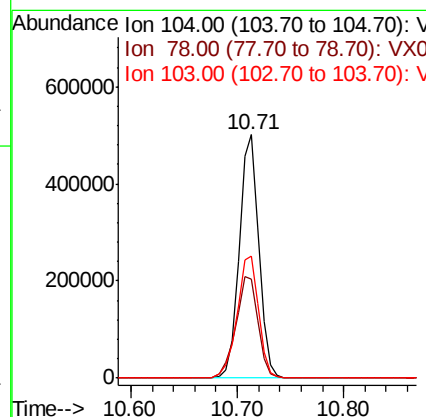
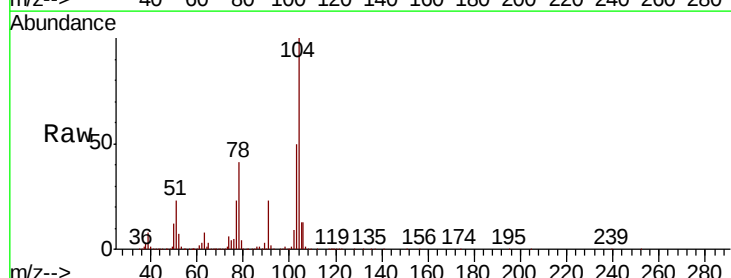
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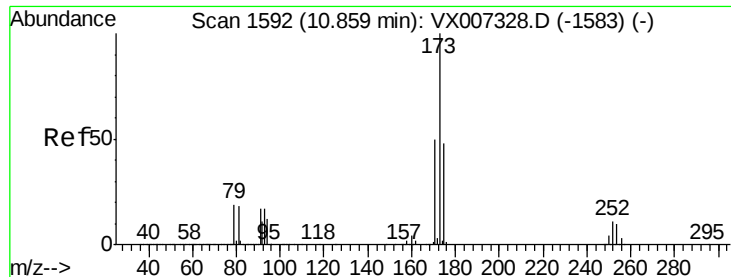
MMDadoda
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#70
Styrene
Concen: 46.783 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ion	Ratio	Lower	Upper
645712	104			
100	104	100		
47.5	78		38.3	57.5
55.5	103		44.6	67.0





#71

Bromoform

Concen: 45.736 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

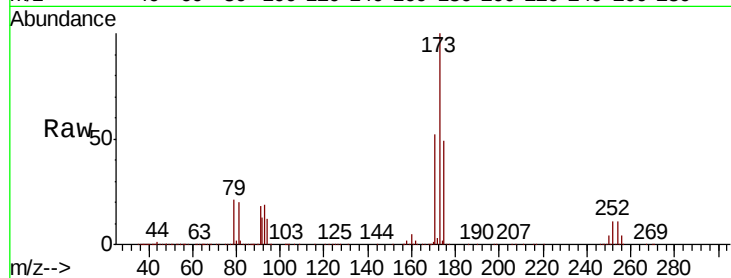
ClientSampleId :

VSTDCCC050EC

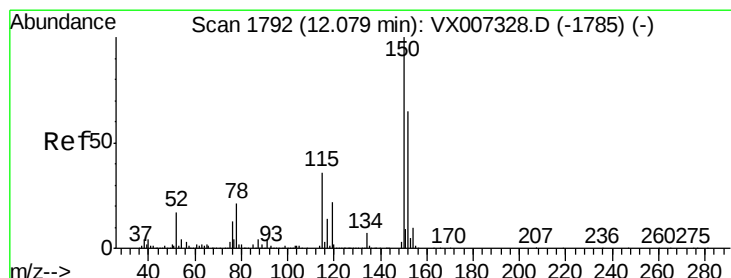
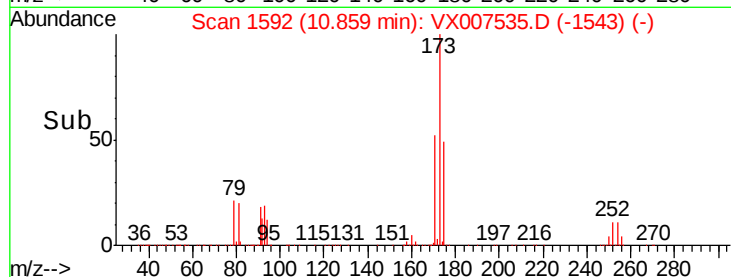
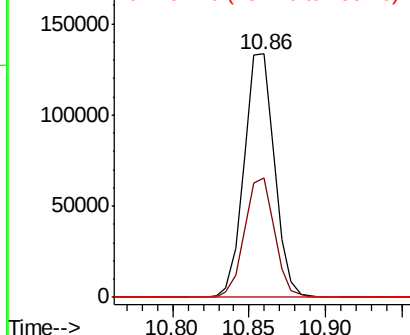
Tot Ion:	173	Resp:	184297
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.2	72.6
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

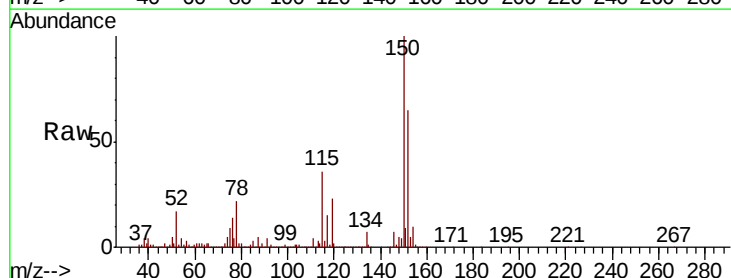
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

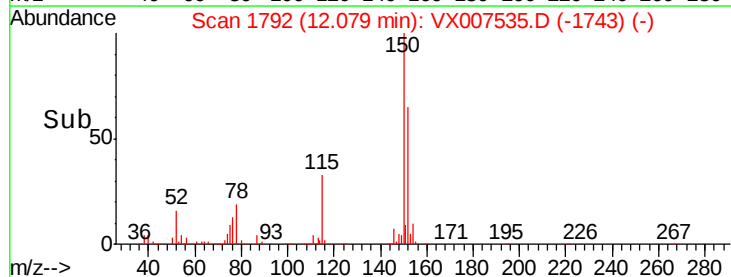
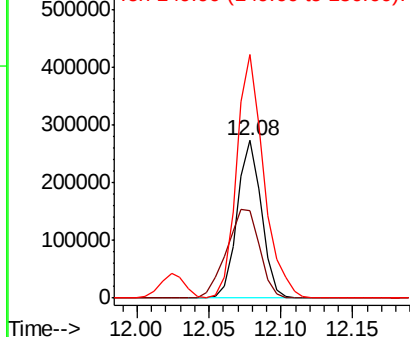
Lab File: VX007535.D

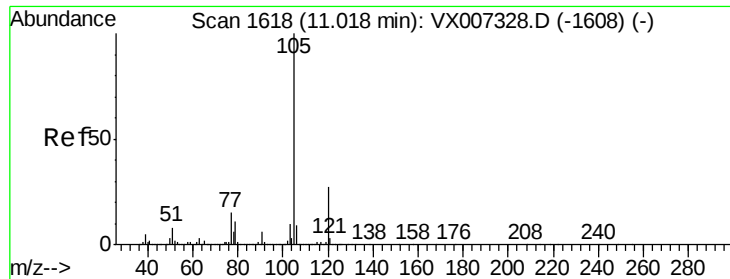
Acq: 13 Feb 2019 21:50

Tgt Ion:	152	Resp:	320291
Ion Ratio	Lower	Upper	
152	100		
115	77.1	38.0	114.0
150	173.0	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





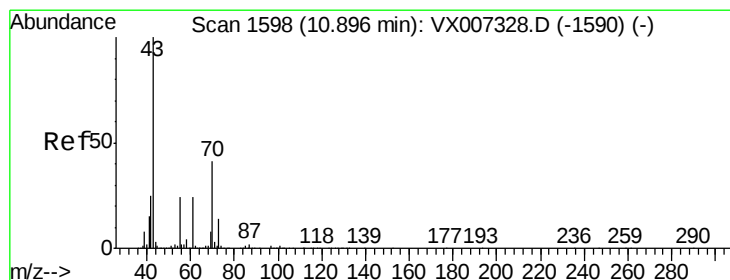
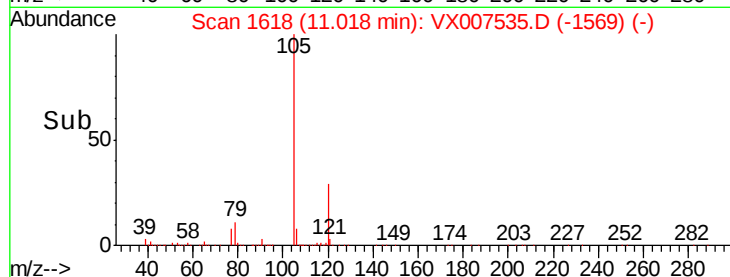
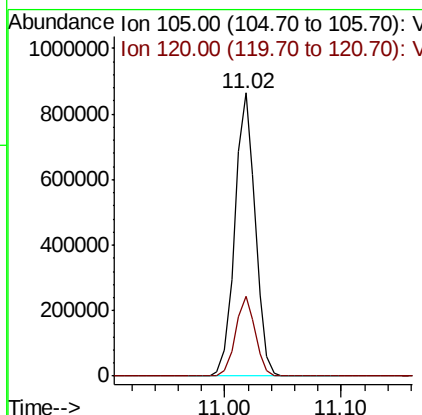
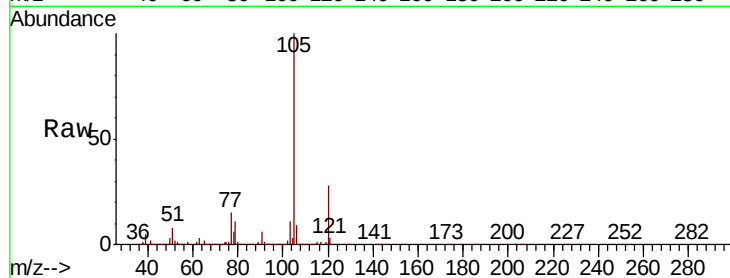
#73
Isopropylbenzene
Concen: 48.215 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1049418
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.7

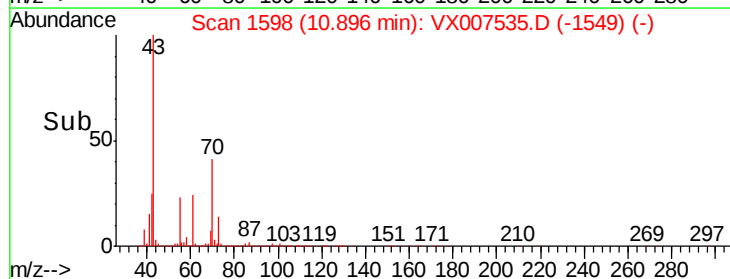
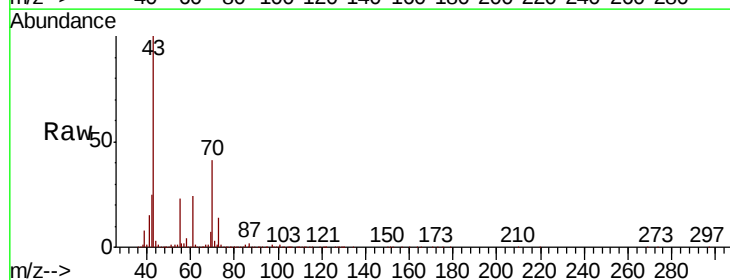
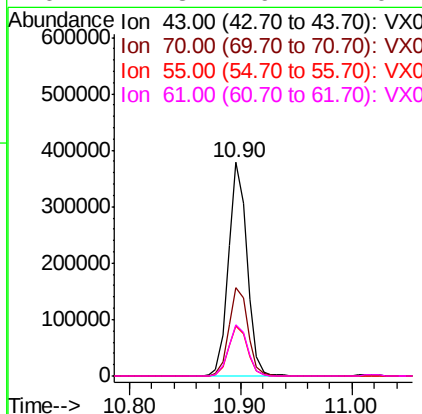
Manual Integrations
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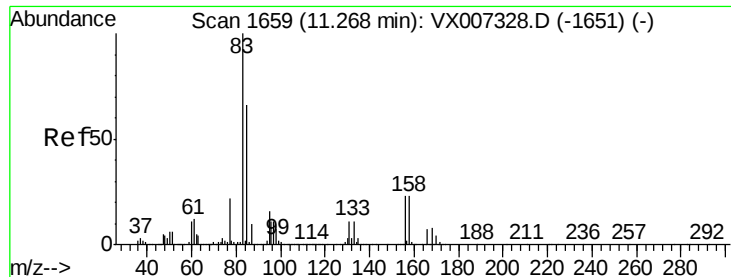
MMDadoda
2/14/2019 10:57:37 AM



#74
N-ethyl acetate
Concen: 51.713 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion: 43 Resp: 435355
Ion Ratio Lower Upper
43 100
70 42.4 33.8 50.6
55 24.0 19.5 29.3
61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.287 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

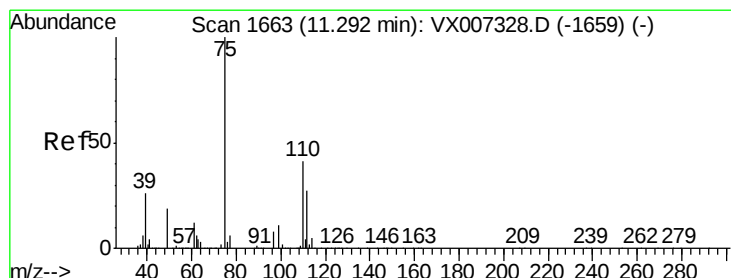
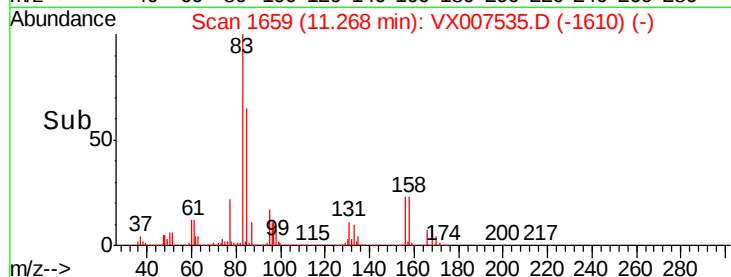
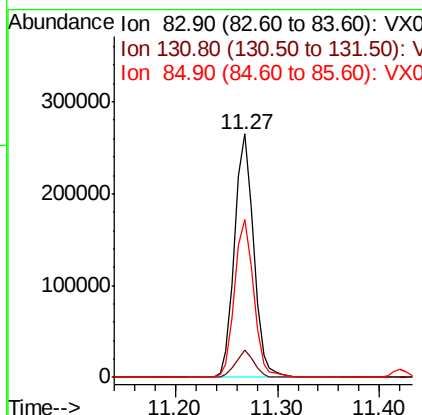
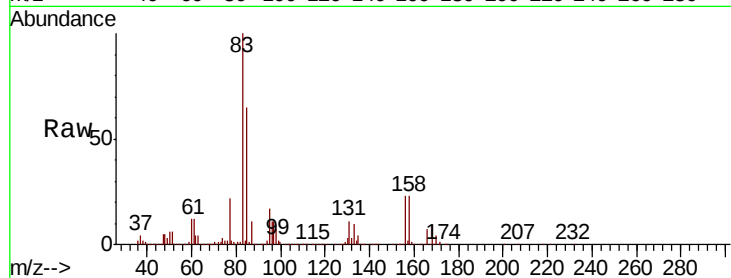
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	340197
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.0
85	65.0	32.8	98.3

Manual Integrations
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2/14/2019 10:57:37 AM



#76

1,2,3-Trichloropropane

Concen: 51.304 ug/l m

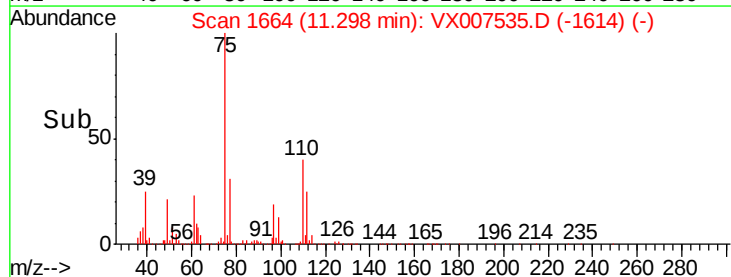
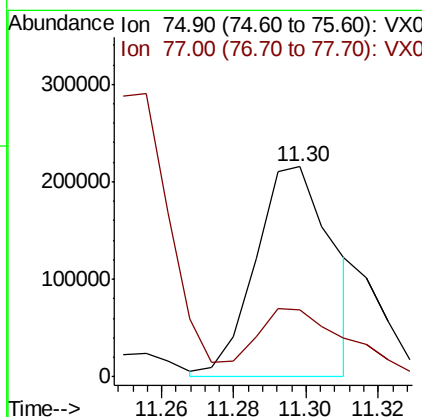
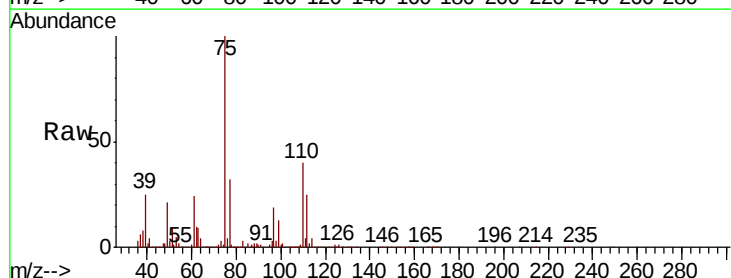
RT: 11.30 min Scan# 1664

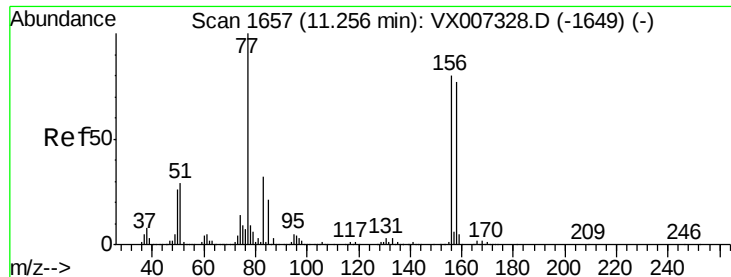
Delta R.T. 0.01 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Tgt Ion:	75	Resp:	319625
Ion Ratio	Lower	Upper	
75	100		
77	39.5	23.0	69.0





#77

Bromobenzene

Concen: 46.636 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

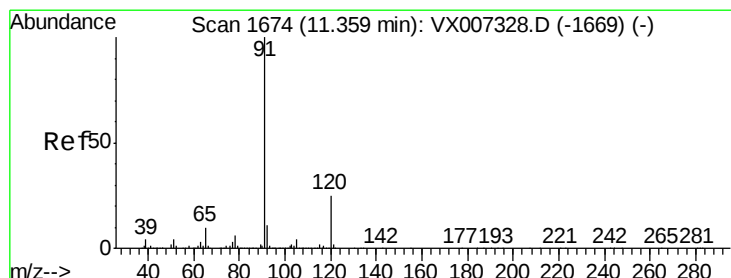
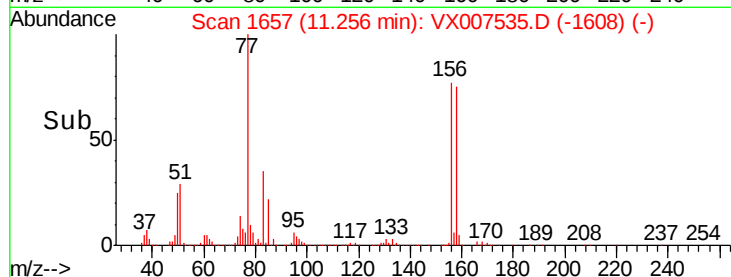
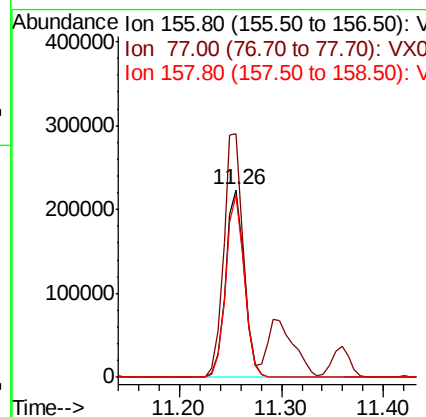
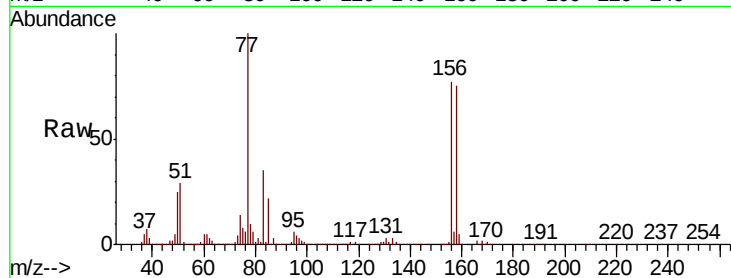
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.2	66.8	200.6
158	96.4	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 48.856 ug/l

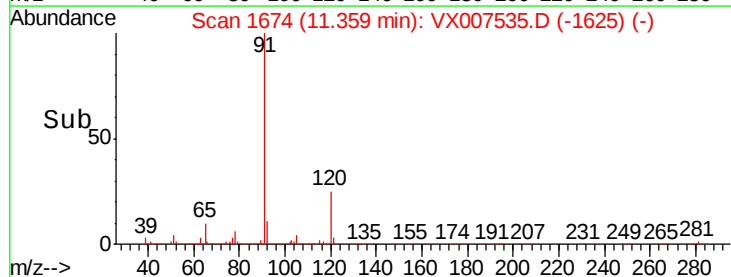
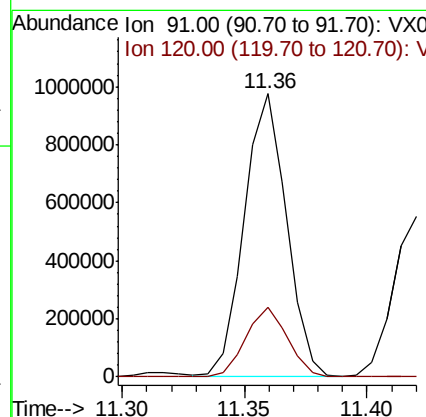
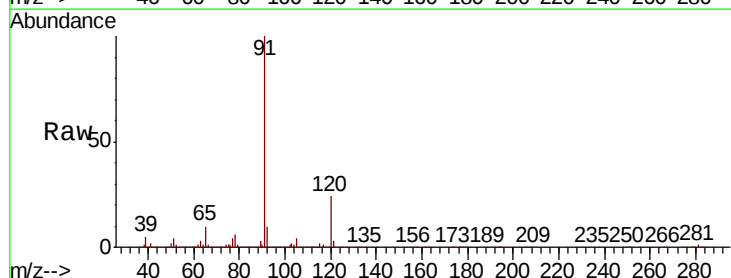
RT: 11.36 min Scan# 1674

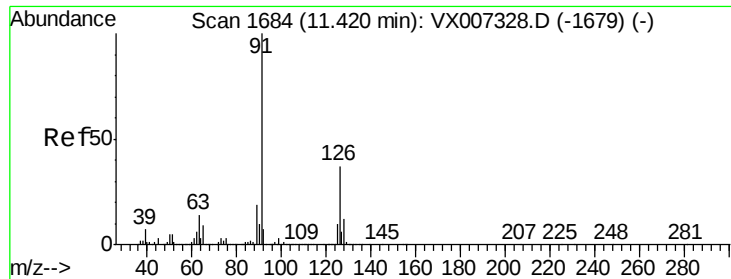
Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.4	37.2





#79

2-Chlorotoluene

Concen: 47.045 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 681313

Ion Ratio Lower Upper

91 100

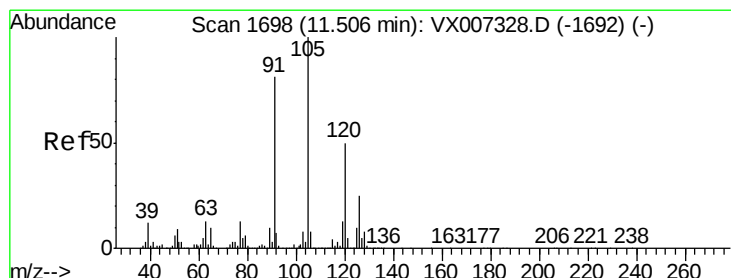
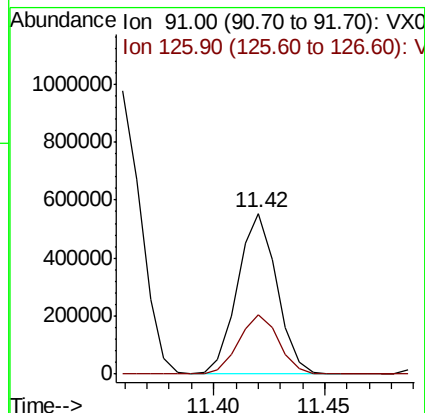
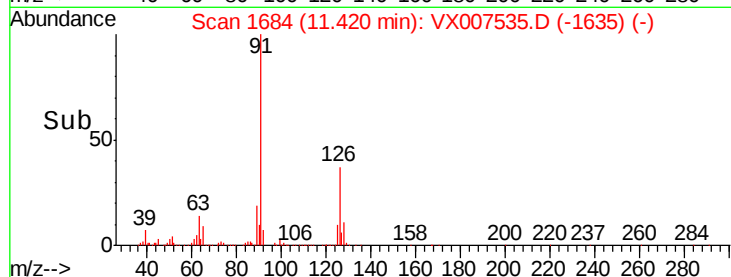
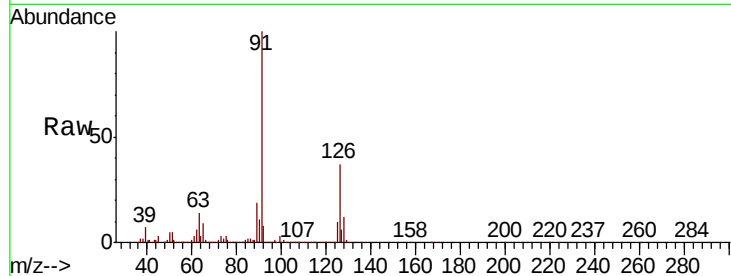
126 37.2 18.7 56.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.942 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007535.D

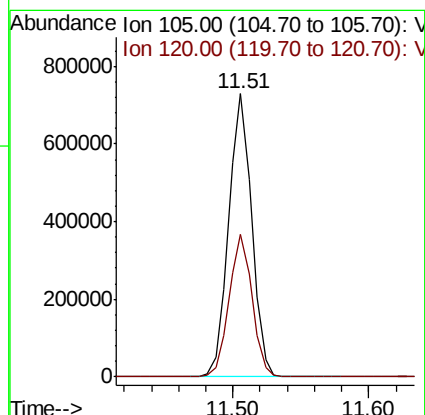
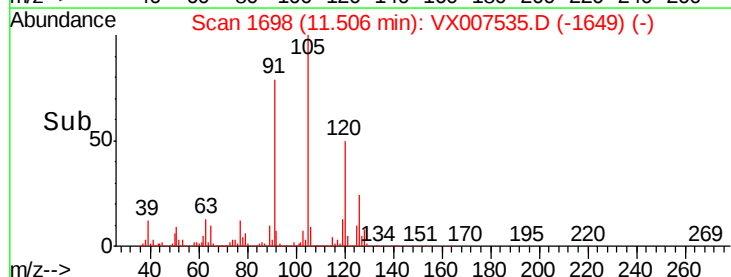
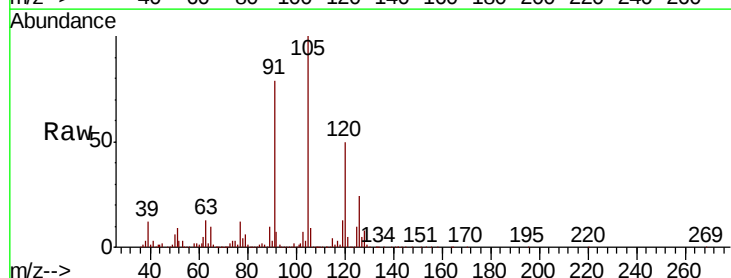
Acq: 13 Feb 2019 21:50

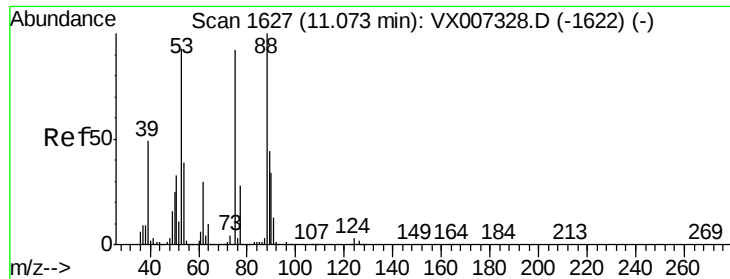
Tgt Ion: 105 Resp: 853686

Ion Ratio Lower Upper

105 100

120 50.2 25.3 75.8





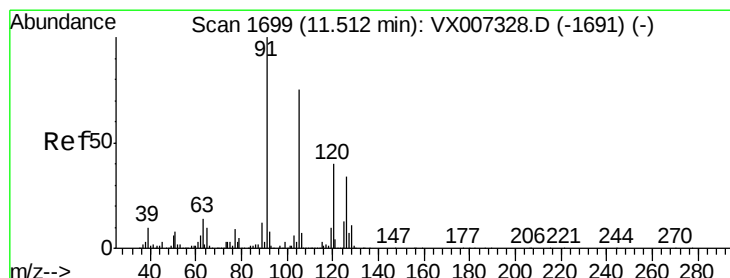
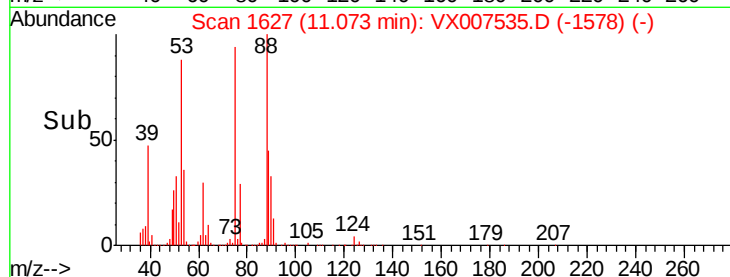
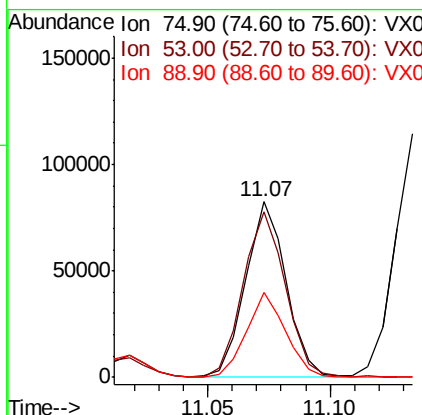
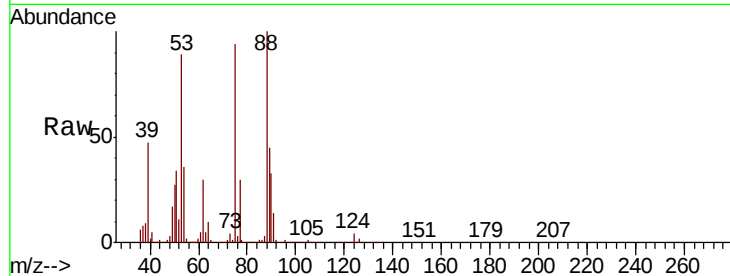
#81
trans-1,4-Dichloro-2-butene
Concen: 47.121 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.4	81.0	121.6
89	47.3	41.4	62.0

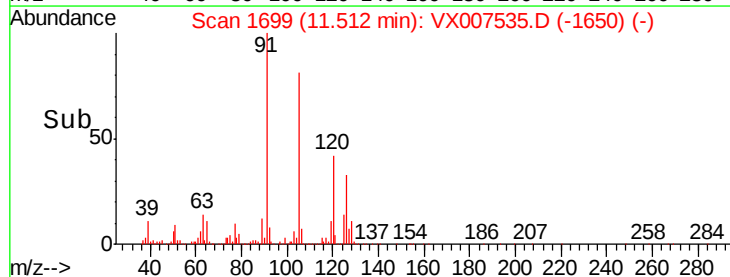
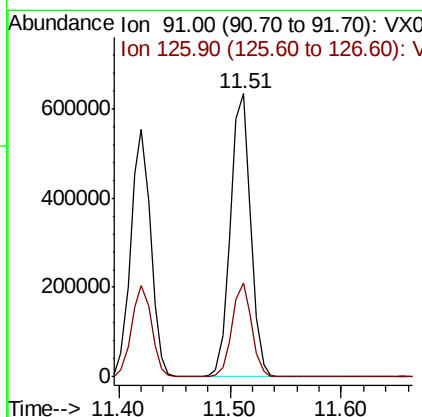
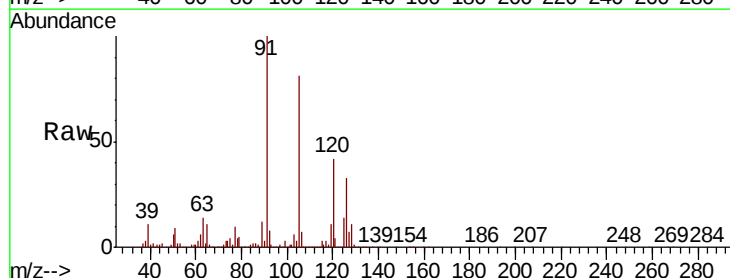
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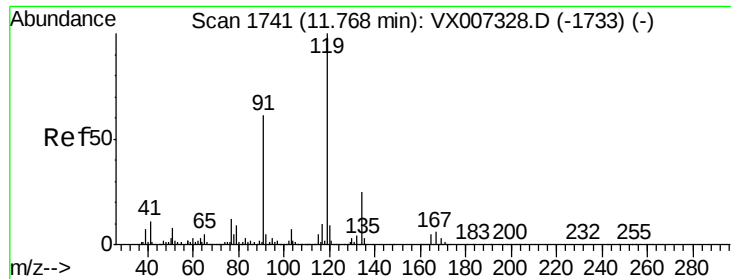
MMDadoda
2/14/2019 10:57:37 AM



#82
4-Chlorotoluene
Concen: 47.413 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.2	48.5





#83

tert-Butylbenzene

Concen: 48.612 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

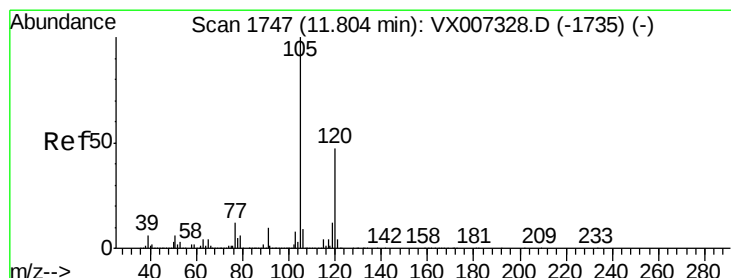
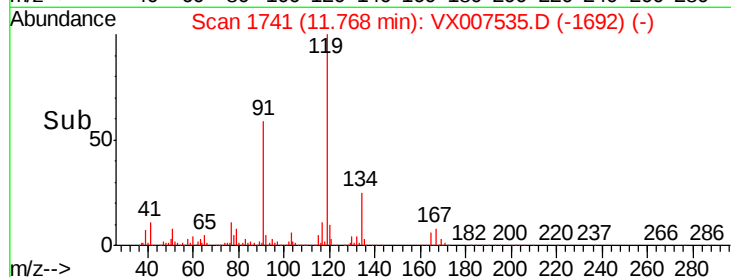
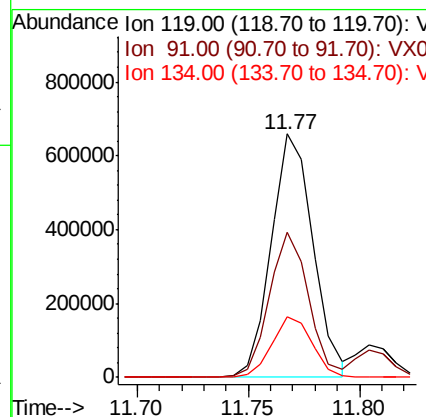
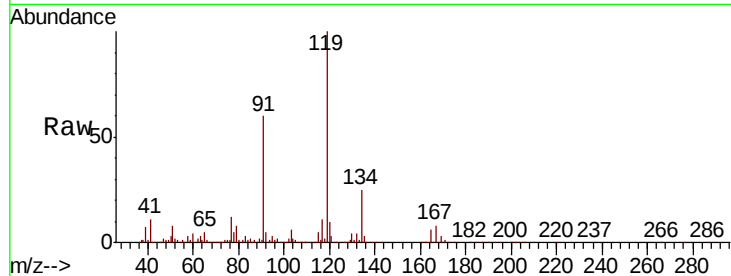
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	857022
Ion Ratio	Lower	Upper	
119	100		
91	56.2	28.5	85.6
134	24.2	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 48.337 ug/l

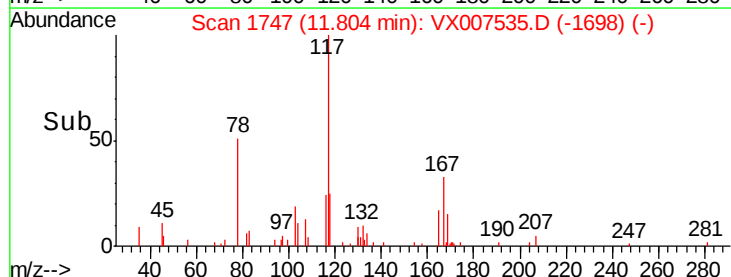
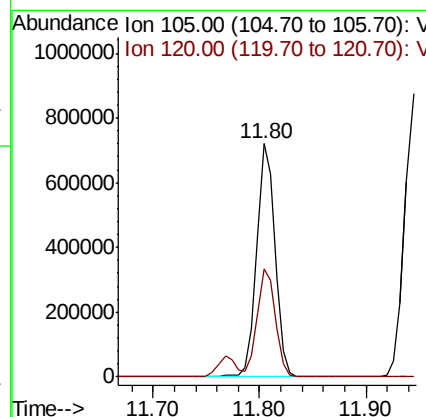
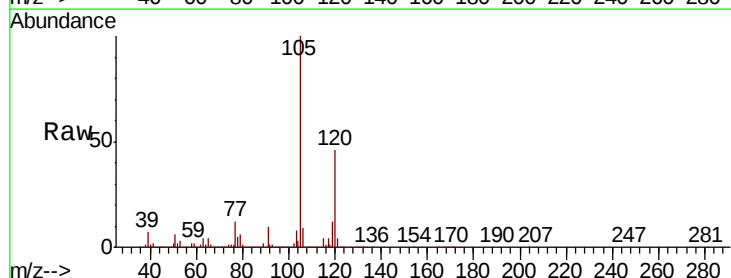
RT: 11.80 min Scan# 1747

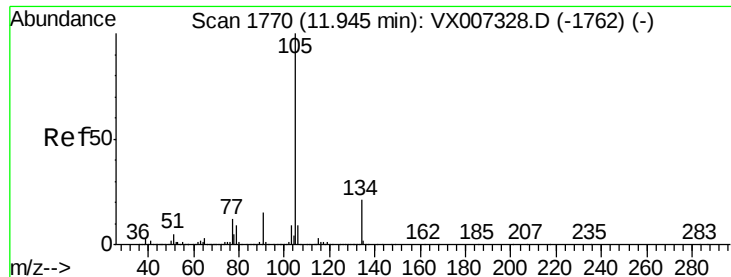
Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Tgt Ion:	105	Resp:	873839
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 48.391 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1032553

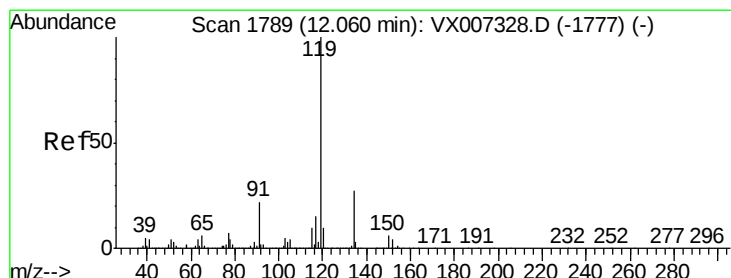
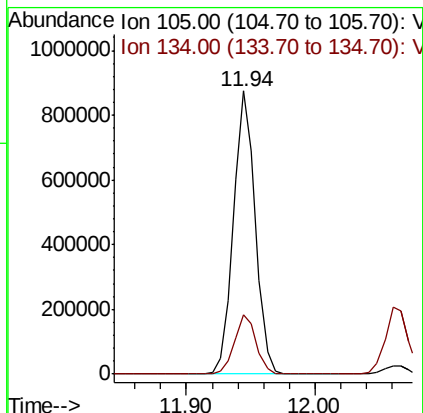
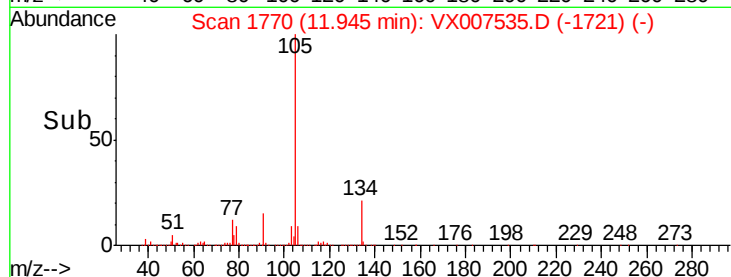
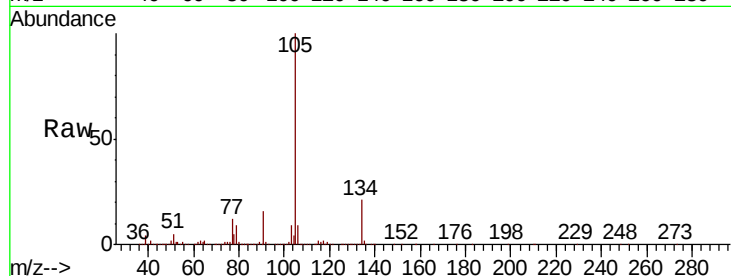
Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 48.322 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007535.D

Acq: 13 Feb 2019 21:50

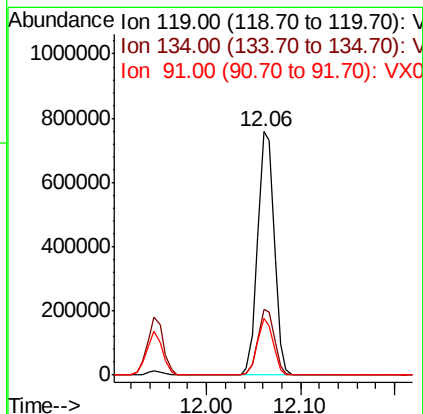
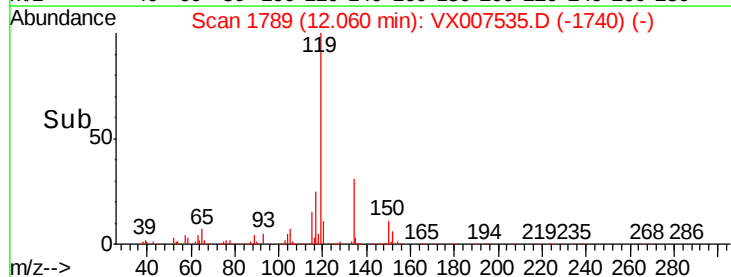
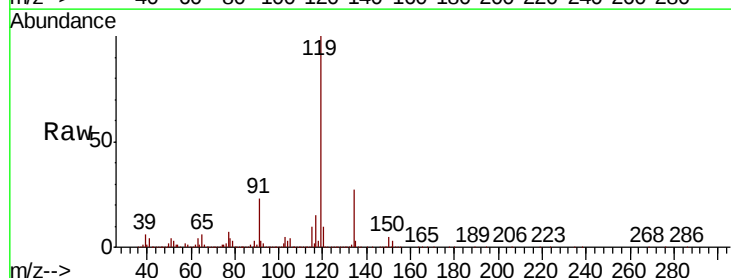
Tgt Ion:119 Resp: 930758

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 22.3 11.2 33.5





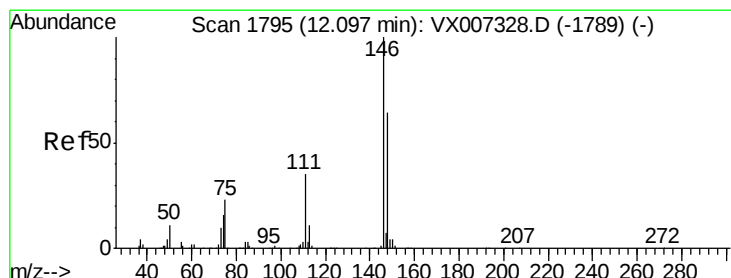
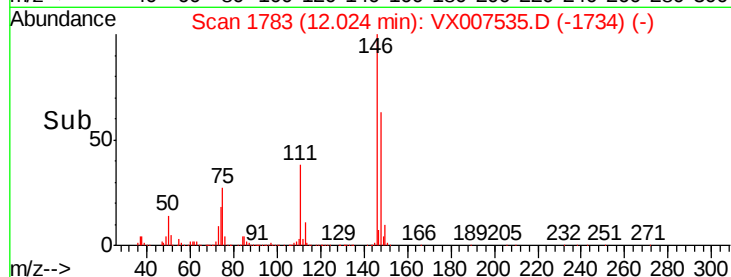
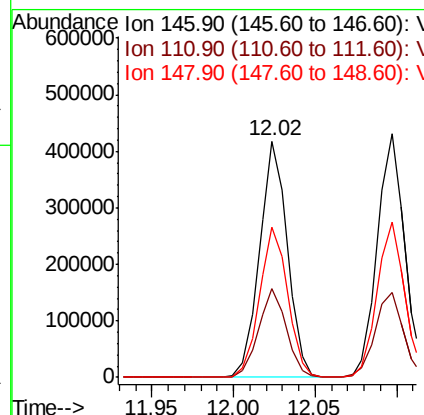
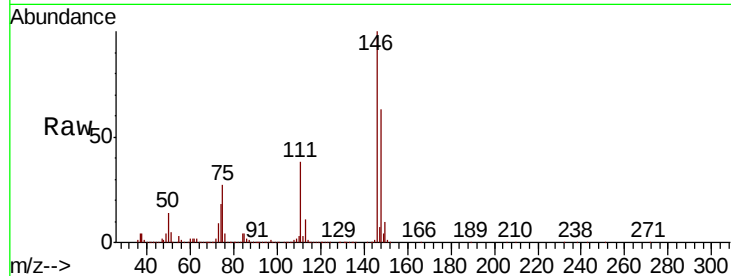
#87
 1,3-Dichlorobenzene
 Concen: 45.125 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.6	32.0	96.2

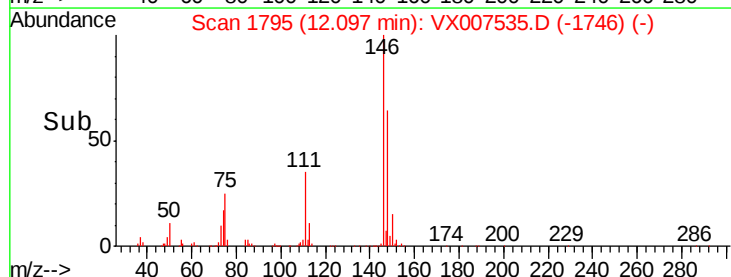
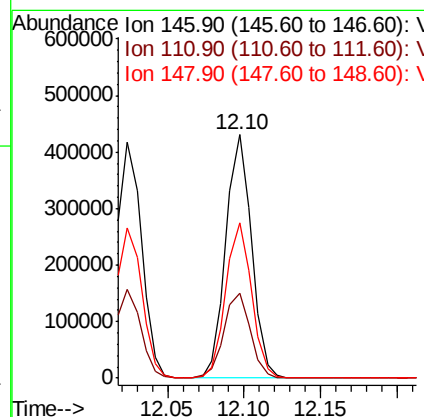
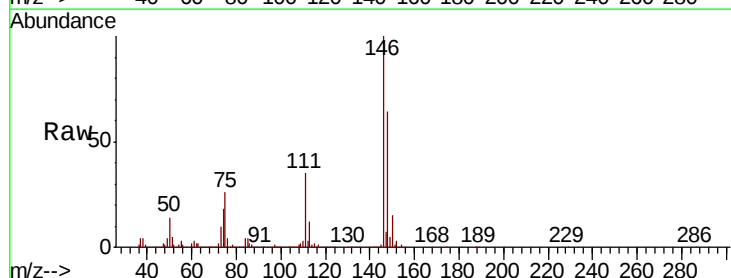
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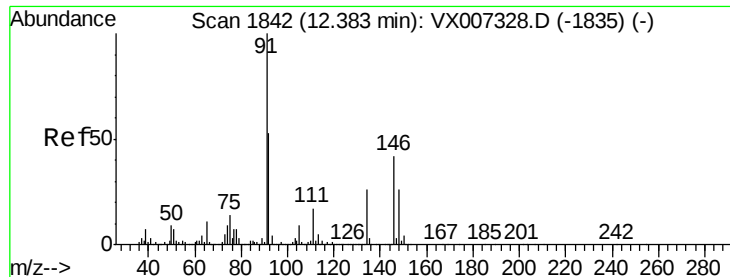
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#88
 1,4-Dichlorobenzene
 Concen: 44.988 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	63.9	32.3	96.9





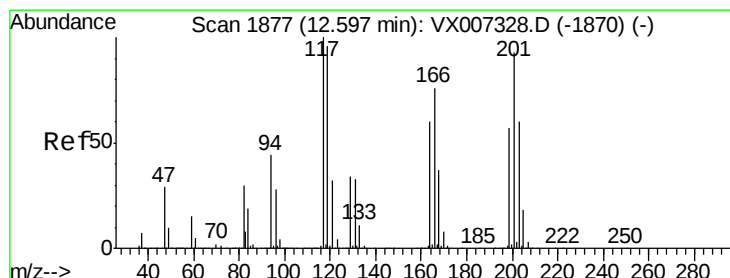
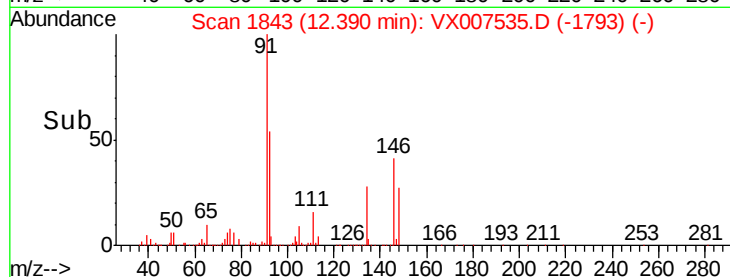
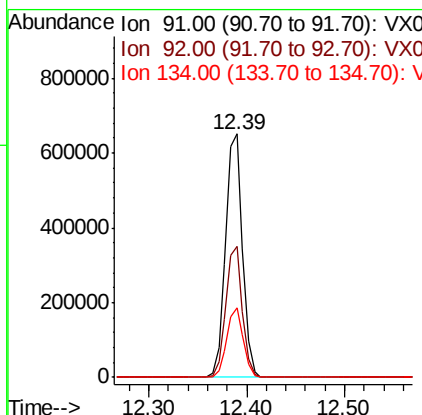
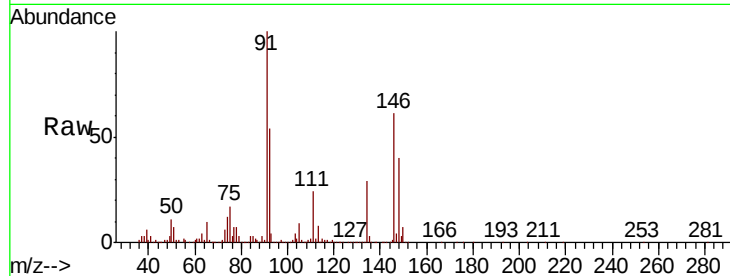
#89
n-Butylbenzene
Concen: 46.865 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.9
134	28.0	13.9	41.6

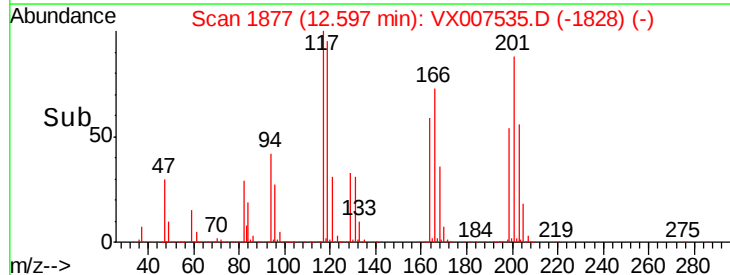
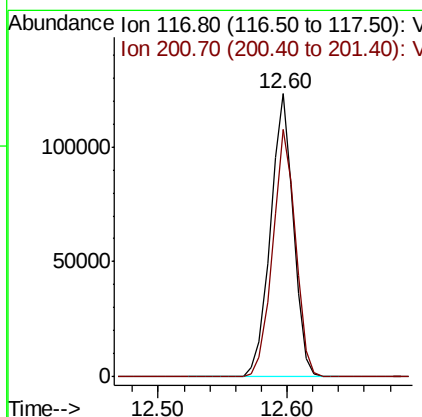
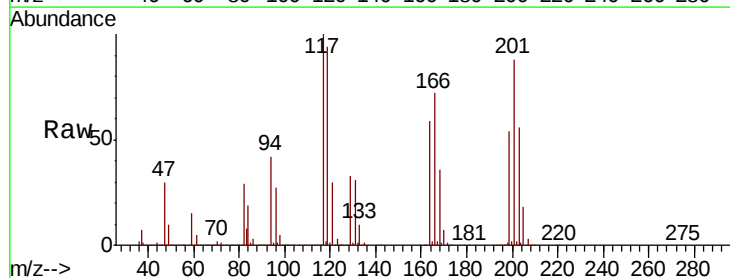
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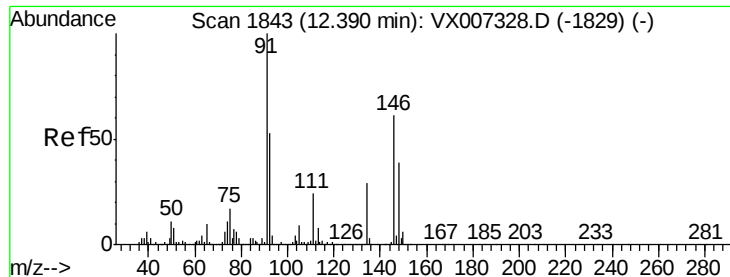
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#90
Hexachloroethane
Concen: 53.029 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	44.9	134.7





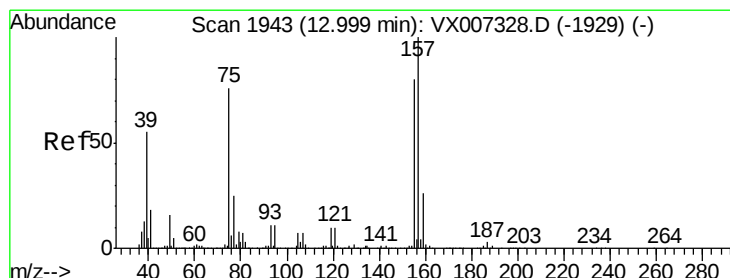
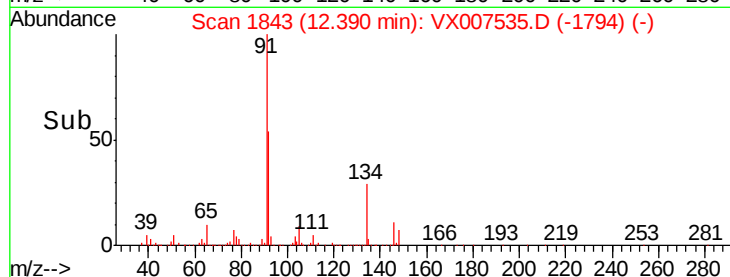
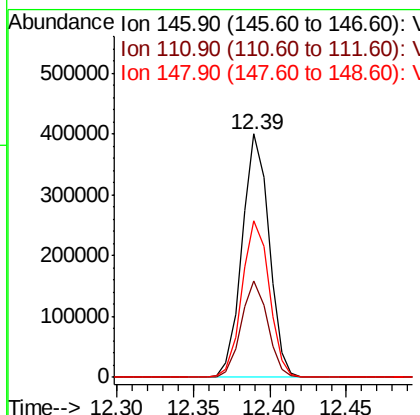
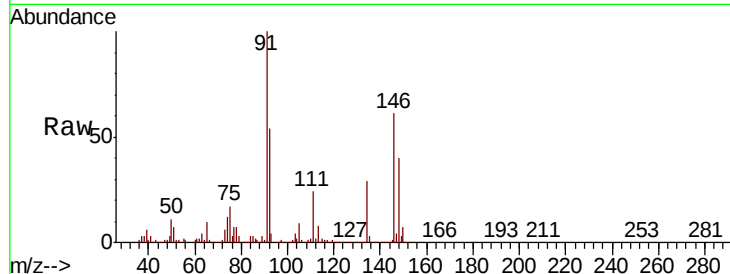
#91
 1,2-Dichlorobenzene
 Concen: 44.767 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.3
148	65.0	32.1	96.3

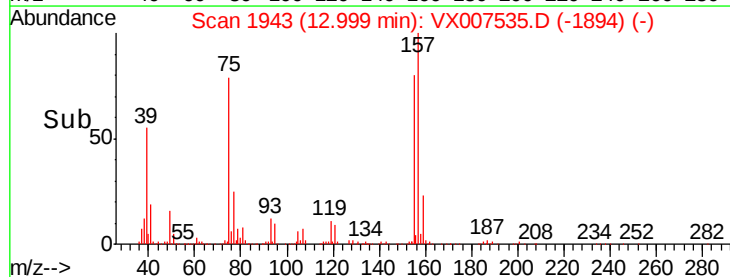
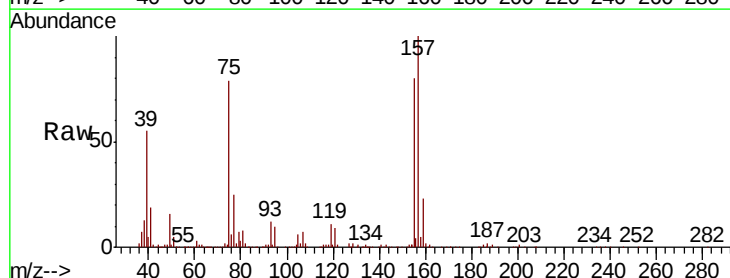
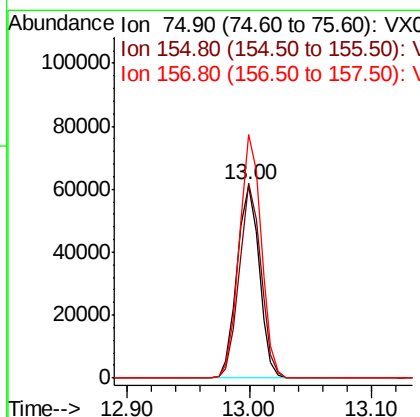
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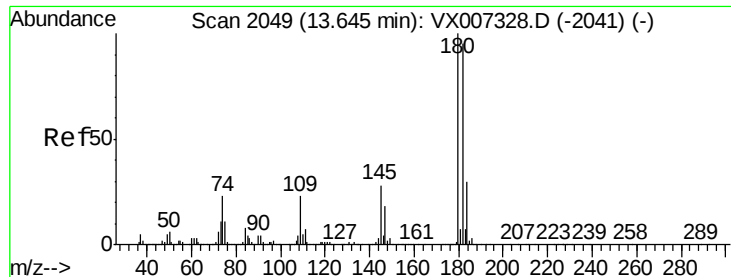
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 2/14/2019 10:57:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.901 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007535.D
 Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	49.6	149.0
157	124.5	65.1	195.3





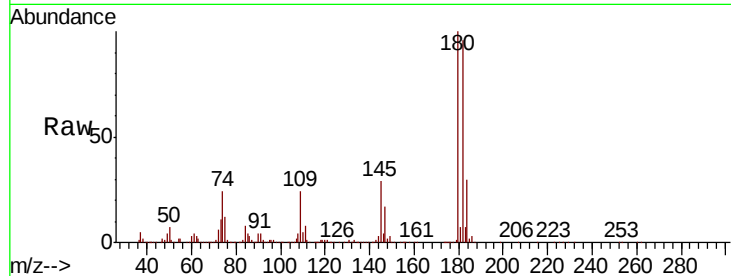
#93
1,2,4-Trichlorobenzene
Concen: 46.208 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	341318		
182	95.6	47.8	143.3	
145	29.1	14.1	42.2	

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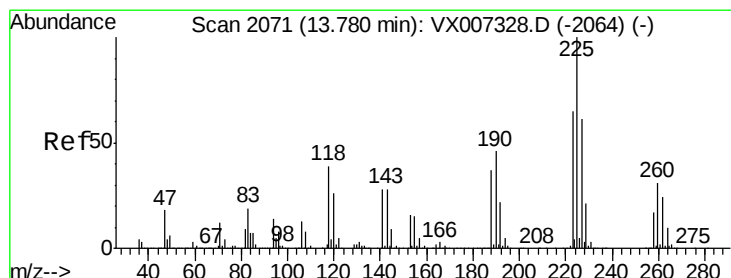
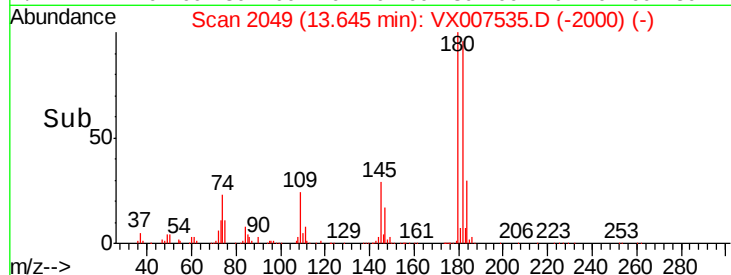
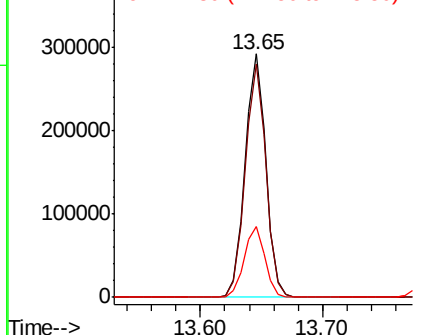


Abundance

Ion 179.80 (179.50 to 180.50): V

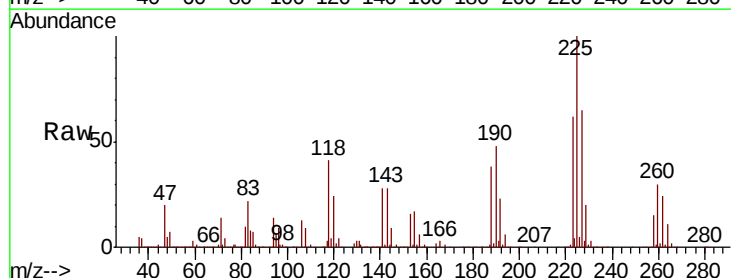
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 45.040 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	161547		
223	62.5	31.6	94.8	
227	64.2	32.1	96.3	

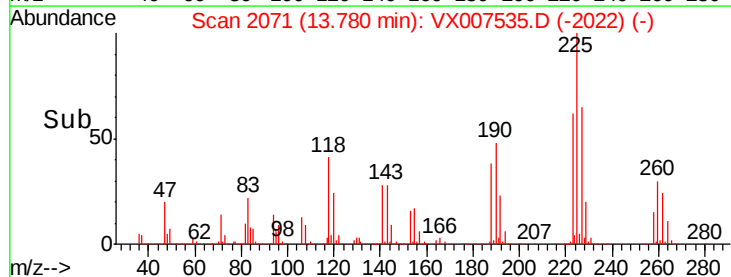
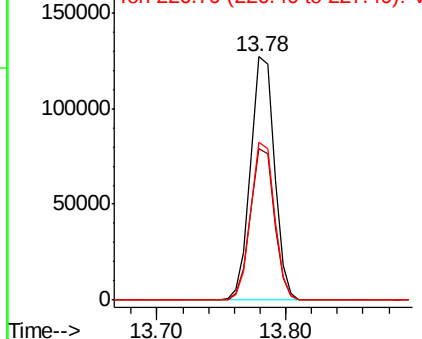


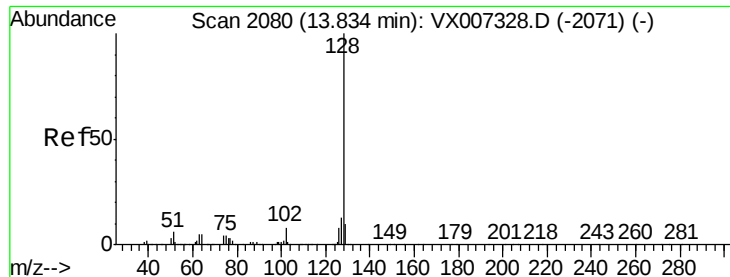
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





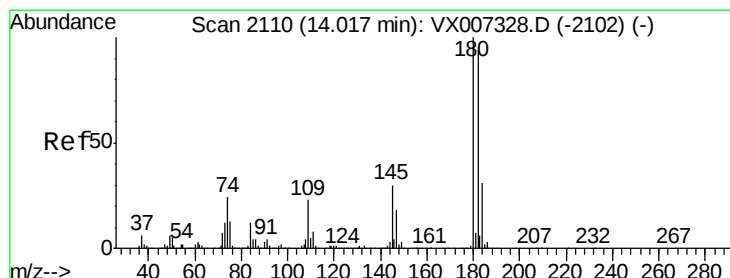
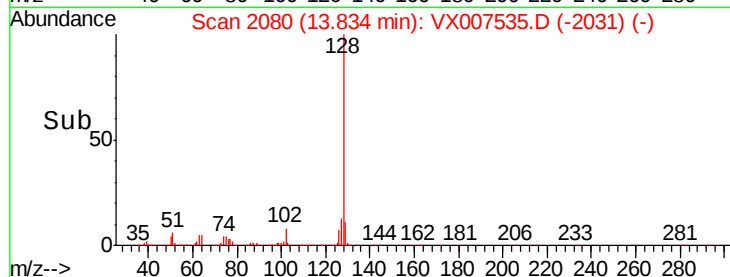
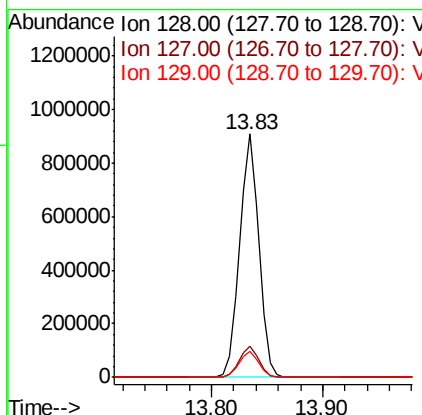
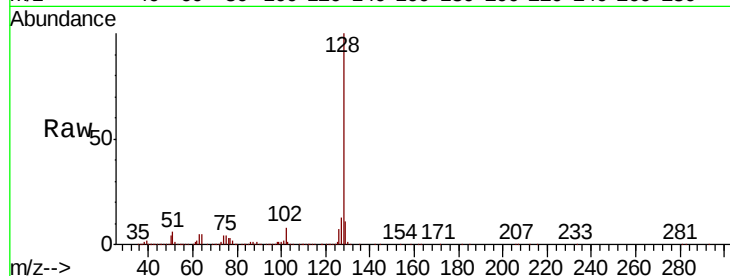
#95
Naphthalene
Concen: 50.214 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/14/2019 10:57:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.459 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007535.D
Acq: 13 Feb 2019 21:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.6
145	30.1	14.9	44.5

