

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007348.D
 Acq On : 01 Feb 2019 20:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:36:51 AM

Quant Time: Feb 02 04:18:11 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	5.67	168	481838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	709379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	660344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	344599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	251297	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	5.50	113	228967	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.71	98	860675	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	308622	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	303083	51.184	ug/l	97
3) Chloromethane	1.33	50	275183	50.704	ug/l	98
4) Vinyl Chloride	1.41	62	290497	54.561	ug/l	99
5) Bromomethane	1.64	94	285428	54.259	ug/l	99
6) Chloroethane	1.71	64	175450	50.940	ug/l	96
7) Trichlorofluoromethane	1.93	101	430313	51.665	ug/l	98
8) Diethyl Ether	2.19	74	155561	49.622	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	238996	48.240	ug/l	99
10) Methyl Iodide	2.51	142	375331	51.499	ug/l	100
11) Tert butyl alcohol	3.08	59	290002	273.997	ug/l	99
12) 1,1-Dichloroethene	2.37	96	227225	49.391	ug/l	98
13) Acrolein	2.30	56	176716	356.054	ug/l	99
14) Allyl chloride	2.73	41	388592	51.839	ug/l	99
15) Acrylonitrile	3.15	53	689013	263.153	ug/l	100
16) Acetone	2.45	43	595946	254.381	ug/l	99
17) Carbon Disulfide	2.57	76	616114	51.163	ug/l	100
18) Methyl Acetate	2.78	43	338983	55.469	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	759778	50.976	ug/l	98
20) Methylene Chloride	2.86	84	253720	53.046	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	243991	49.786	ug/l	98
22) Diisopropyl ether	3.87	45	701387	50.868	ug/l	97
23) Vinyl Acetate	3.82	43	2996172	261.856	ug/l	99
24) 1,1-Dichloroethane	3.70	63	387340	48.916	ug/l	99
25) 2-Butanone	4.70	43	870113	260.982	ug/l	98
26) 2,2-Dichloropropane	4.59	77	266247	44.151	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	258398	48.273	ug/l	98
28) Bromochloromethane	5.02	49	178809	49.104	ug/l	96
29) Tetrahydrofuran	5.15	42	566488	270.161	ug/l	100
30) Chloroform	5.21	83	409853	49.602	ug/l	100
31) Cyclohexane	5.57	56	348485	49.001	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	361361	51.811	ug/l	98
36) 1,1-Dichloropropene	5.80	75	303683	47.713	ug/l	99
37) Ethyl Acetate	4.85	43	326997	50.823	ug/l	99
38) Carbon Tetrachloride	5.78	117	314096	50.867	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	373987	48.565	ug/l	100
40) Benzene	6.14	78	926291	49.405	ug/l	99
41) Methacrylonitrile	5.06	41	182747	52.996	ug/l	98
42) 1,2-Dichloroethane	6.20	62	315468	48.631	ug/l	99
43) Isopropyl Acetate	6.46	43	522484	52.611	ug/l	99
44) Trichloroethene	7.21	130	271039	47.999	ug/l	96
45) 1,2-Dichloropropane	7.51	63	234539	49.928	ug/l	99
46) Dibromomethane	7.66	93	165427	48.452	ug/l	99
47) Bromodichloromethane	7.90	83	299354	51.735	ug/l	100
48) Methyl methacrylate	7.77	41	269348	54.222	ug/l	100
49) 1,4-Dioxane	7.75	88	123806	1095.264	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1737168	265.717	ug/l	100
52) Toluene	8.79	92	598455	49.473	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	328005	52.773	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	360205	52.700	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	246430	48.872	ug/l	98
56) Ethyl methacrylate	9.18	69	370718	53.083	ug/l	99
57) 1,3-Dichloropropane	9.37	76	400409	49.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	929508	252.515	ug/l	99
59) 2-Hexanone	9.49	43	1316668	258.810	ug/l	100
60) Dibromochloromethane	9.59	129	263026	55.155	ug/l	97
61) 1,2-Dibromoethane	9.67	107	271442	50.833	ug/l	99
64) Tetrachloroethene	9.34	164	278402	44.731	ug/l	98
65) Chlorobenzene	10.14	112	690535	47.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	248972	51.534	ug/l	98
67) Ethyl Benzene	10.25	91	1151006	49.601	ug/l	99
68) m/p-Xylenes	10.36	106	911394	98.802	ug/l	99
69) o-Xylene	10.70	106	439172	49.477	ug/l	98
70) Styrene	10.71	104	720010	50.017	ug/l	99
71) Bromoform	10.86	173	201931	47.844	ug/l #	100
73) Isopropylbenzene	11.02	105	1167966	49.876	ug/l	99
74) N-amyl acetate	10.90	43	469250	51.808	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	354717	49.703	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	341828m	50.997	ug/l	
77) Bromobenzene	11.26	156	316944	48.037	ug/l	97
78) n-propylbenzene	11.36	91	1318900	51.362	ug/l	99
79) 2-Chlorotoluene	11.42	91	764744	49.081	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	968923	50.575	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99885	46.393	ug/l	96
82) 4-Chlorotoluene	11.51	91	895853	49.689	ug/l	99
83) tert-Butylbenzene	11.77	119	952409	50.212	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	985776	50.682	ug/l	99
85) sec-Butylbenzene	11.94	105	1163712	50.691	ug/l	100
86) p-Isopropyltoluene	12.06	119	1050175	50.676	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	564213	47.649	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	562849	46.852	ug/l	100
89) n-Butylbenzene	12.38	91	891784	50.024	ug/l	100
90) Hexachloroethane	12.60	117	164876	53.160	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	555587	47.147	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78407	52.837	ug/l	99

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QLast Update : Sat Feb 02 01:32:36 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	380600	47.891	ug/l	99
94) Hexachlorobutadiene	13.78	225	180863	46.869	ug/l	97
95) Naphthalene	13.83	128	1183686	50.933	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	382222	47.781	ug/l	99

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

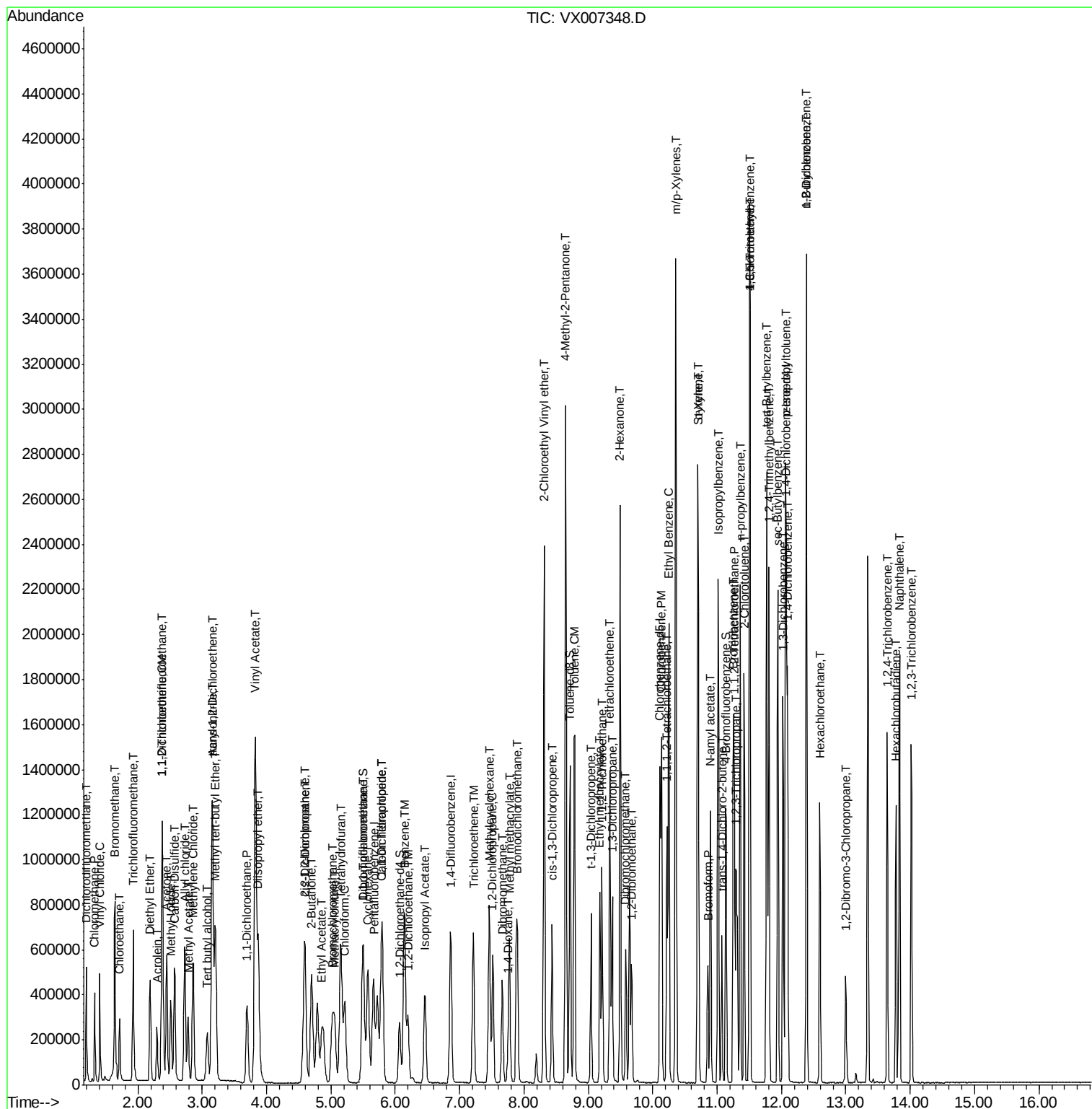
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020119\
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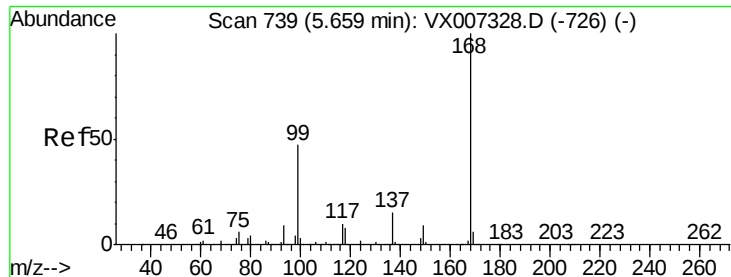
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 481838

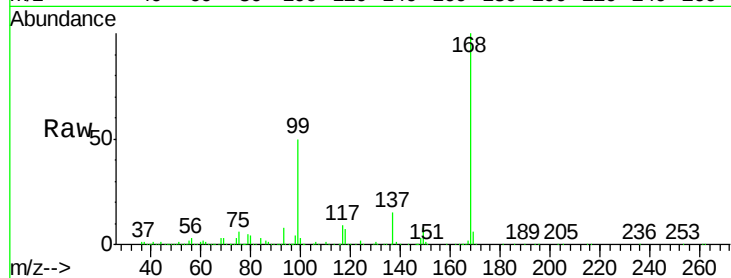
Ion Ratio Lower Upper

168 100

99 49.6 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

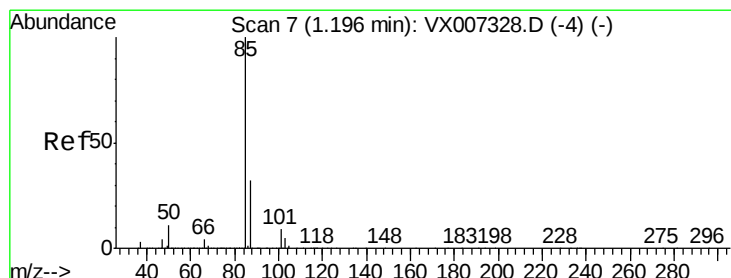
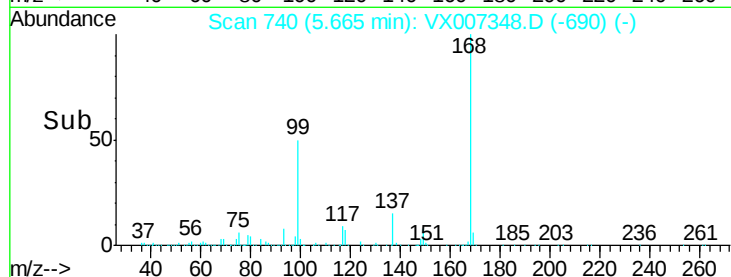
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.184 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007348.D

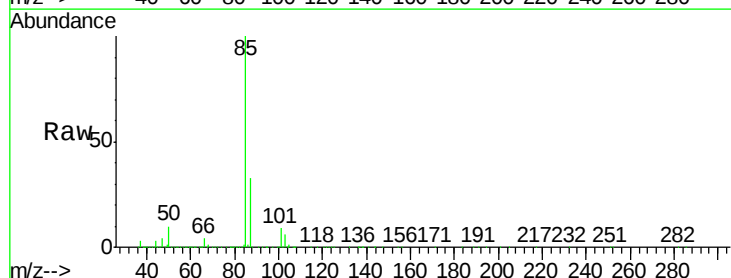
Acq: 01 Feb 2019 20:26

Tgt Ion: 85 Resp: 303083

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

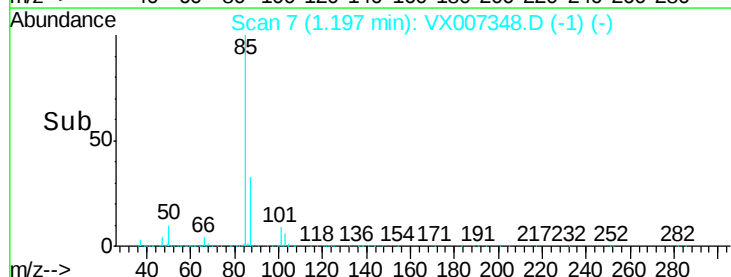
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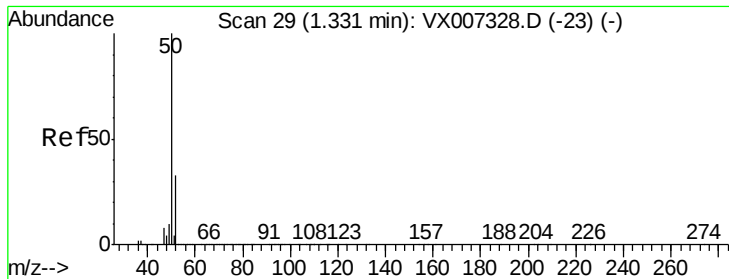
100000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.704 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 275183

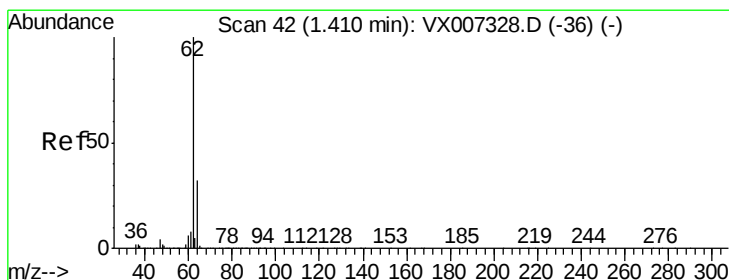
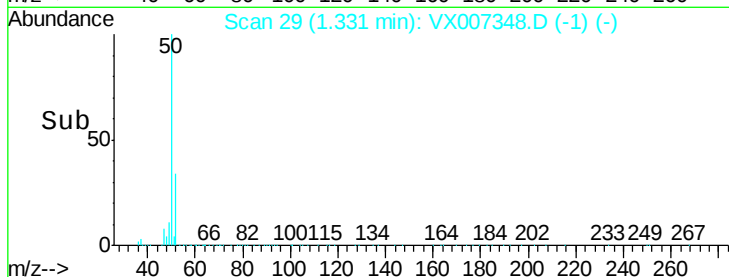
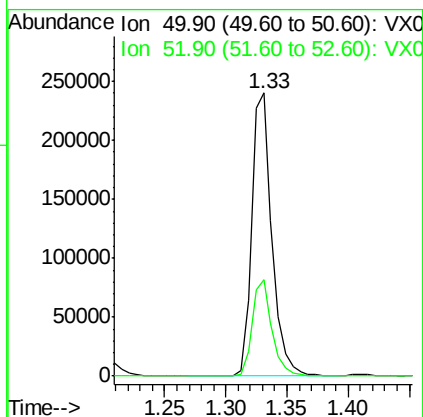
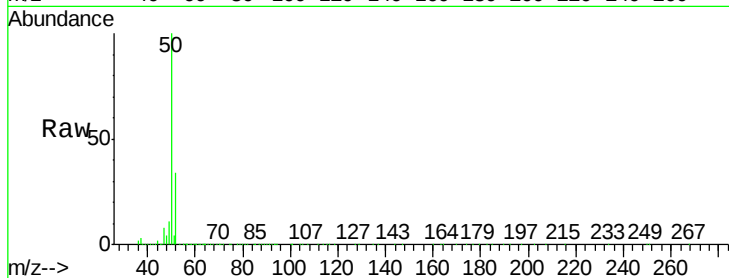
Ion Ratio Lower Upper

50 100

52 34.0 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 54.561 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007348.D

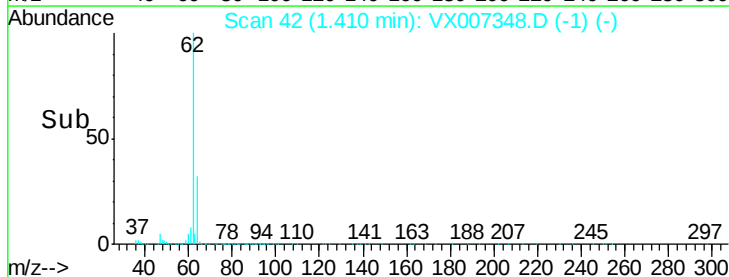
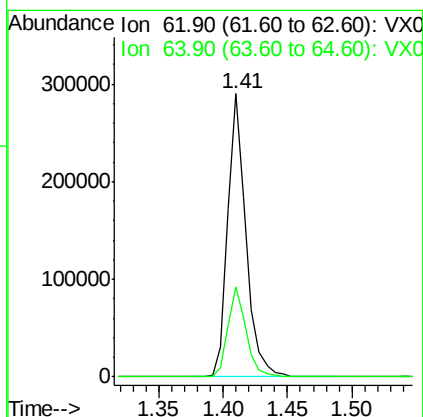
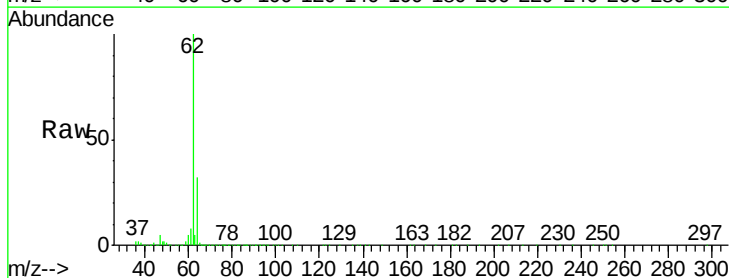
Acq: 01 Feb 2019 20:26

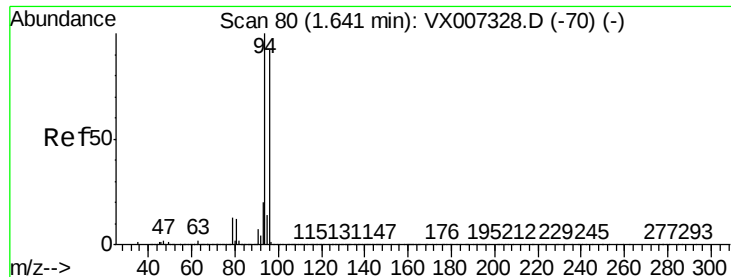
Tgt Ion: 62 Resp: 290497

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 54.259 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 285428

Ion Ratio Lower Upper

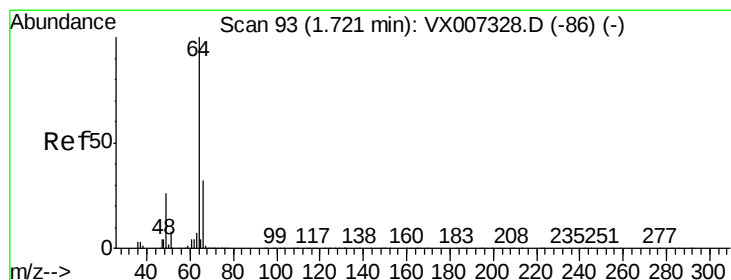
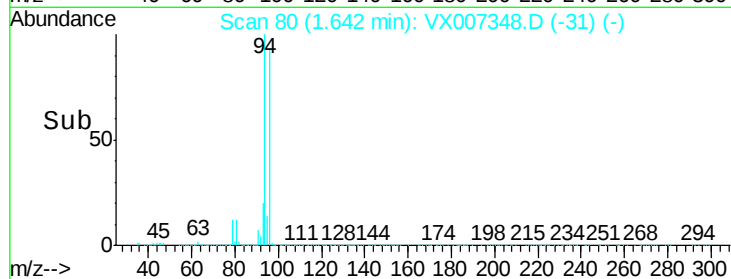
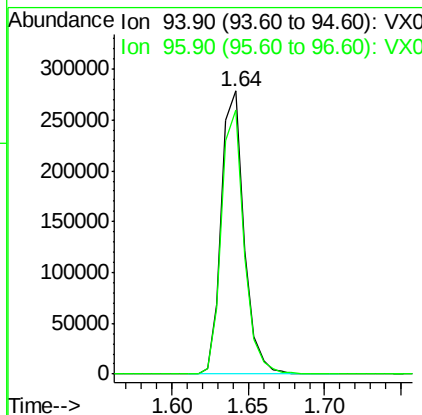
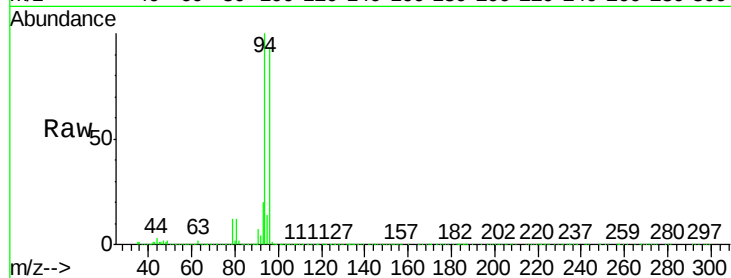
94 100

96 93.2 73.9 110.9

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#6

Chloroethane

Concen: 50.940 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007348.D

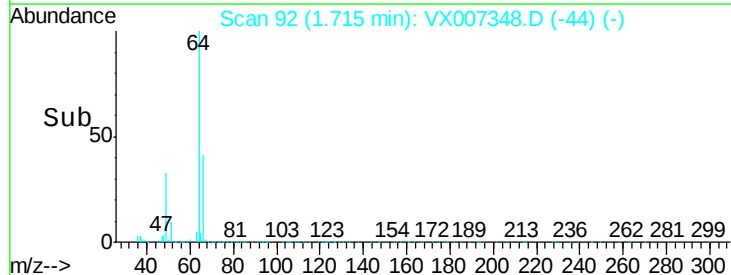
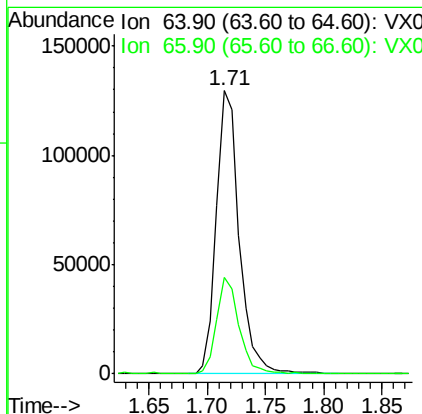
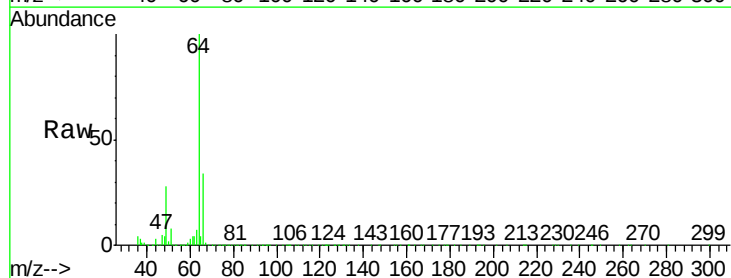
Acq: 01 Feb 2019 20:26

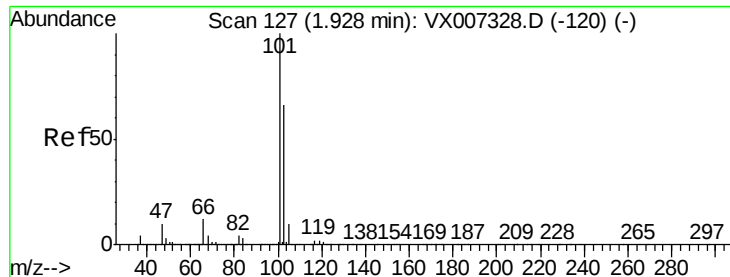
Tgt Ion: 64 Resp: 175450

Ion Ratio Lower Upper

64 100

66 33.9 25.5 38.3





#7

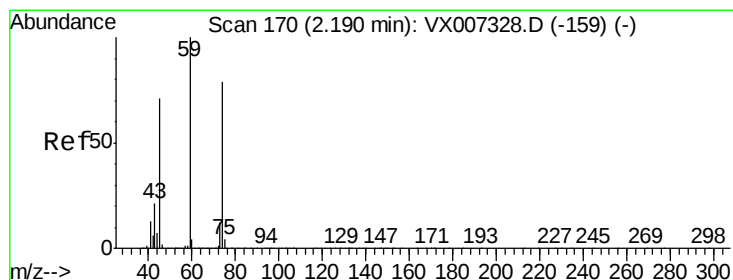
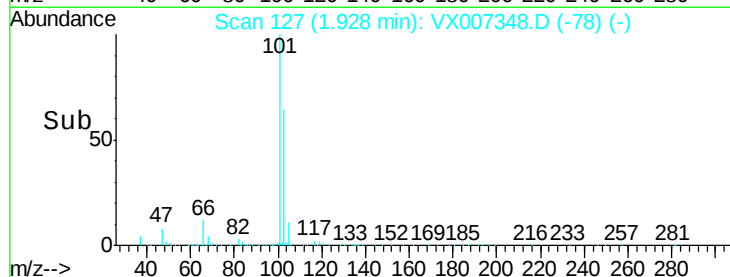
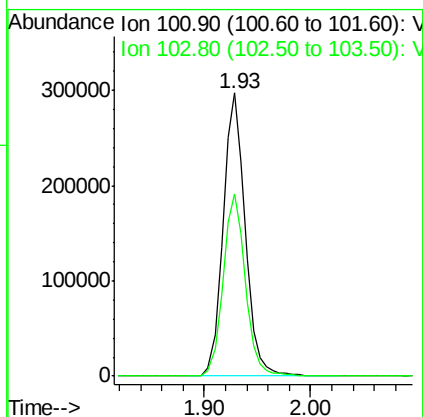
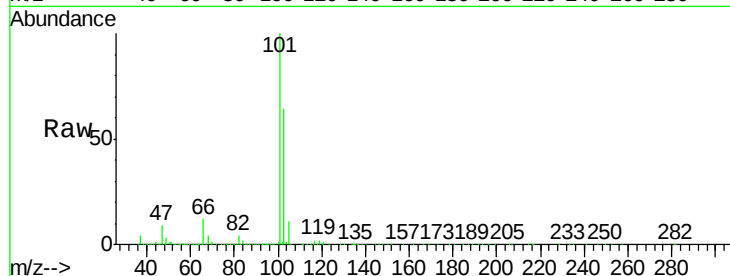
Trichlorofluoromethane
Concen: 51.665 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007348.D
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Tot Ion	Ion	Ratio	Lower	Upper
430313	101	100		
	103	64.2	52.6	79.0

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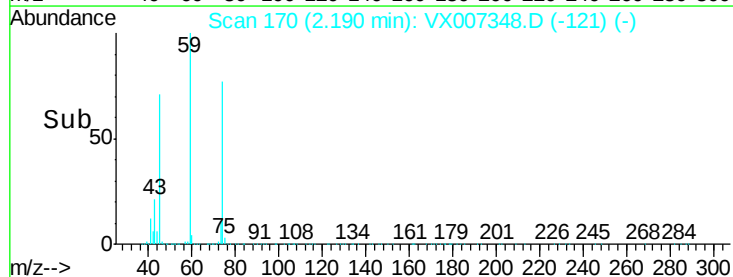
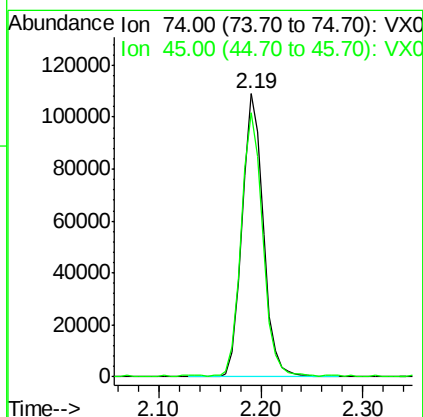
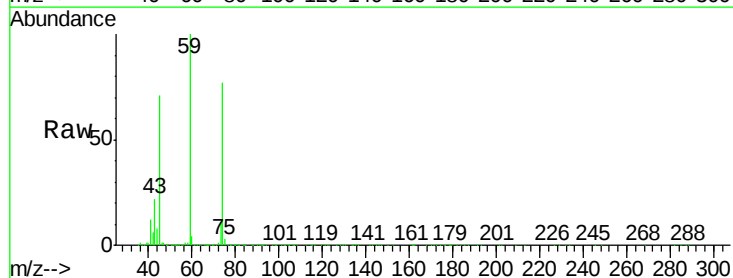
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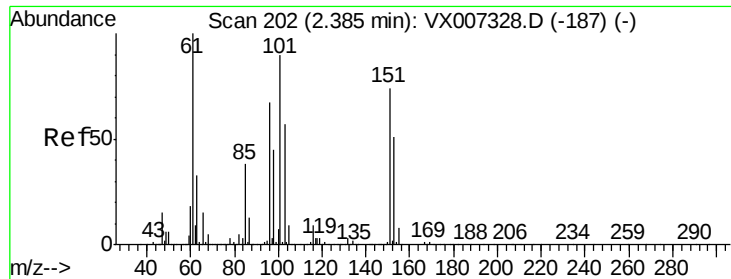


#8

Diethyl Ether
Concen: 49.622 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ion	Ratio	Lower	Upper
155561	74	100		
	45	94.2	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.240 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007348.D

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MSVOA_X

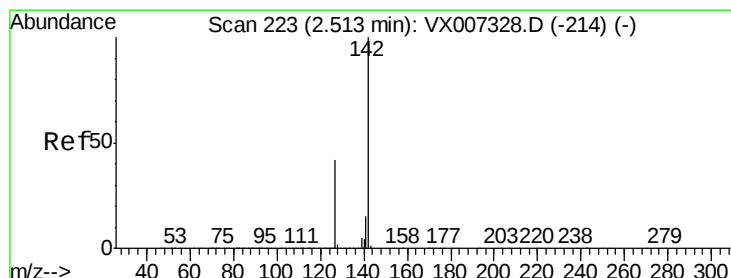
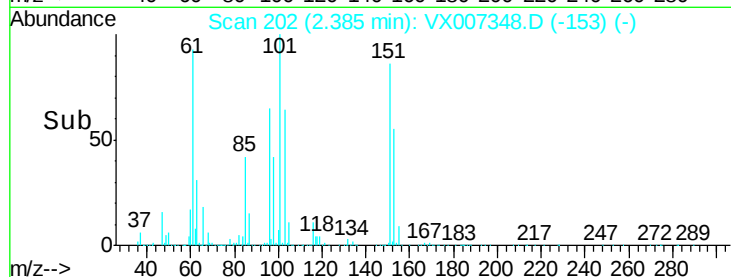
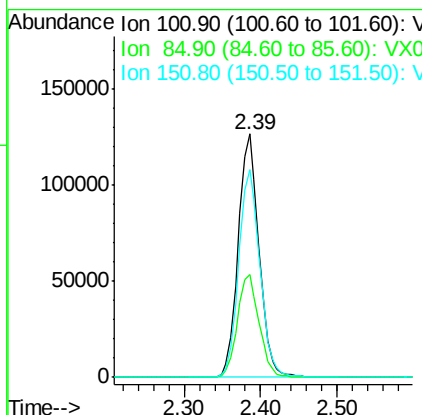
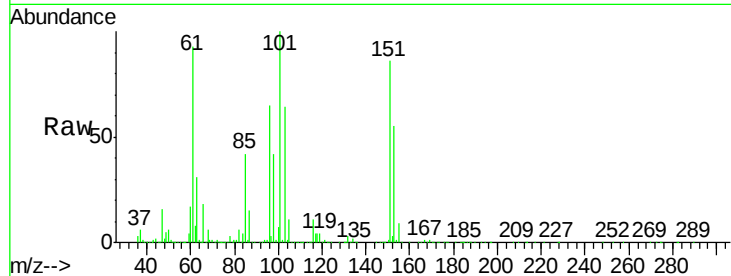
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	238996
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.1	51.1
151	87.2	69.9	104.9

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#10

Methyl Iodide

Concen: 51.499 ug/l

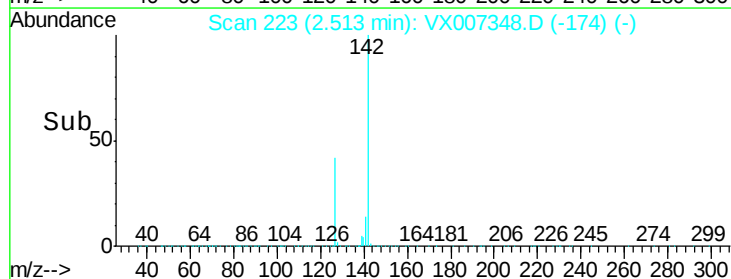
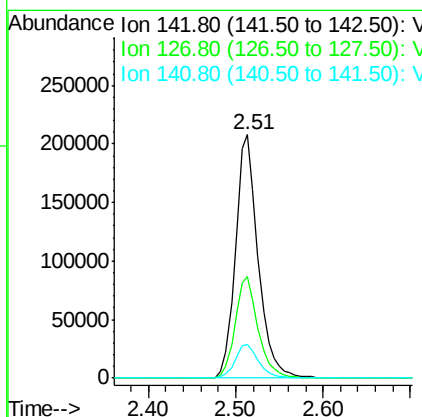
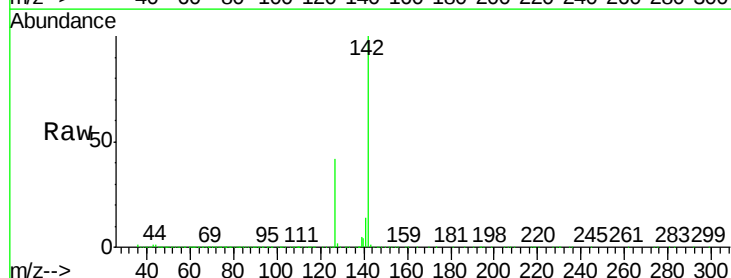
RT: 2.51 min Scan# 223

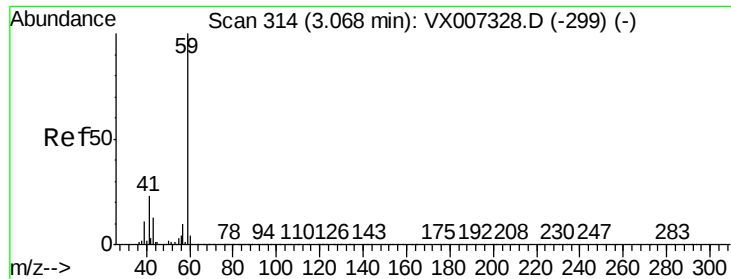
Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Tgt Ion:	142	Resp:	375331
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.7	50.5
141	14.4	11.3	16.9





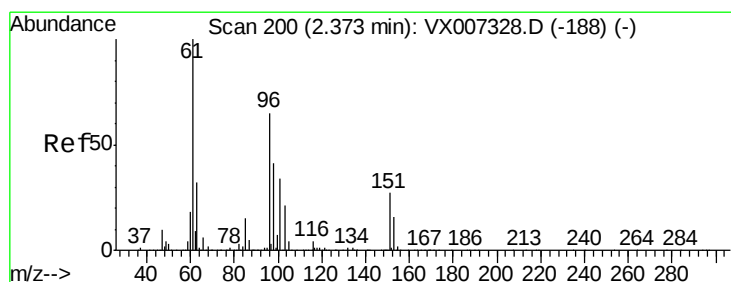
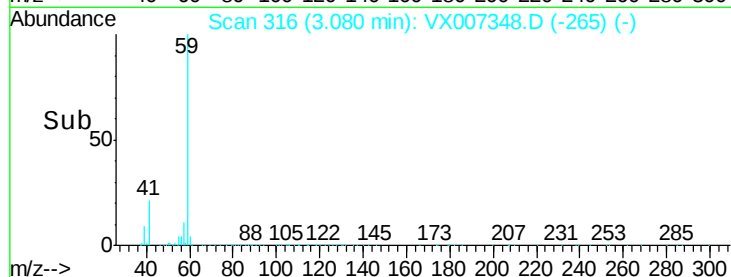
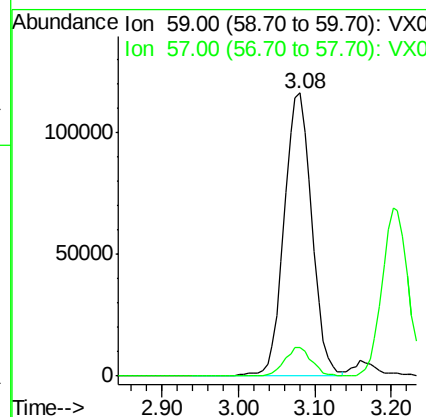
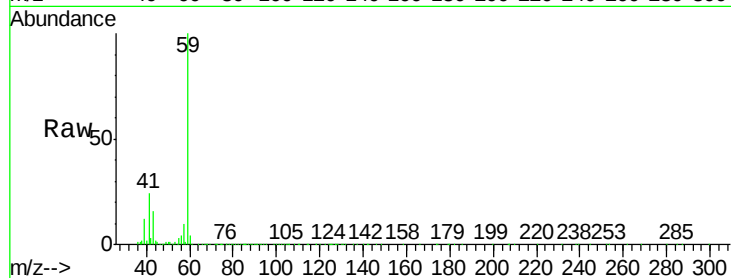
#11
Tert butyl alcohol
Concen: 273.997 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.1	12.1

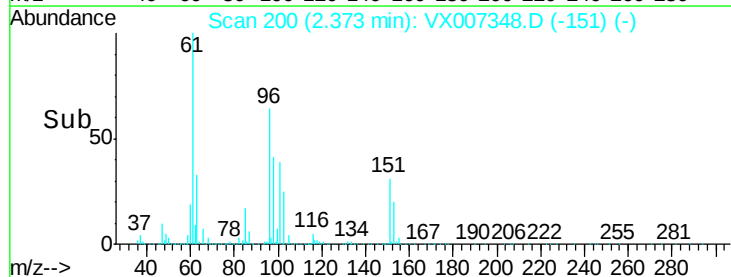
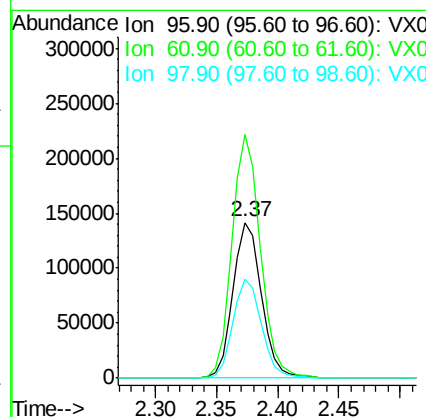
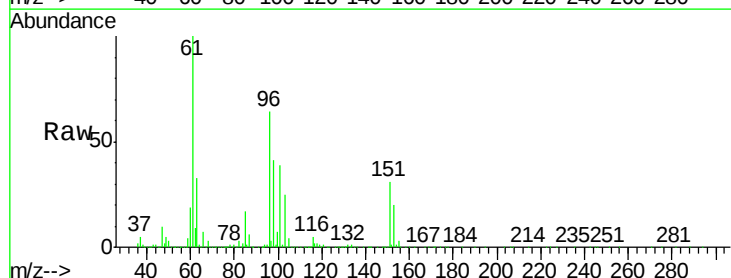
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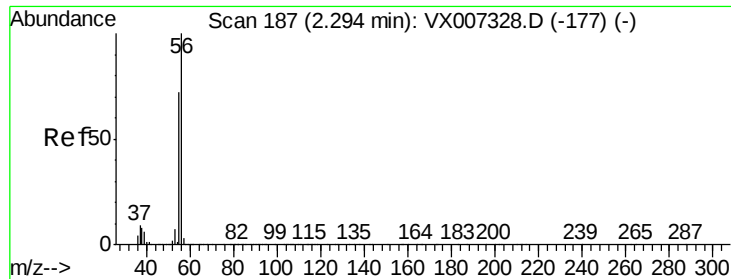
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#12
1,1-Dichloroethene
Concen: 49.391 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.4	123.0	184.4
98	64.0	50.9	76.3





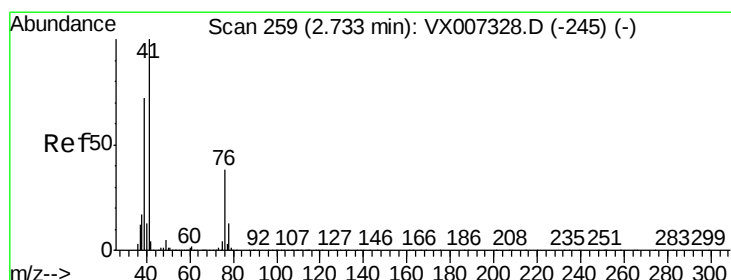
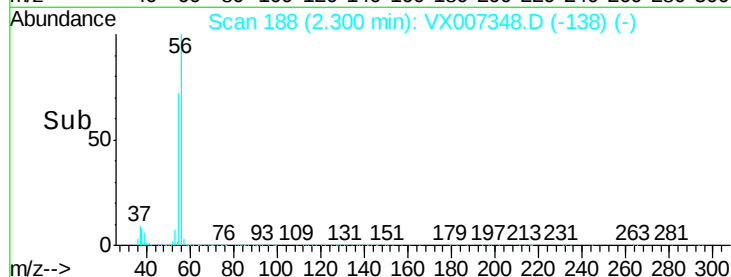
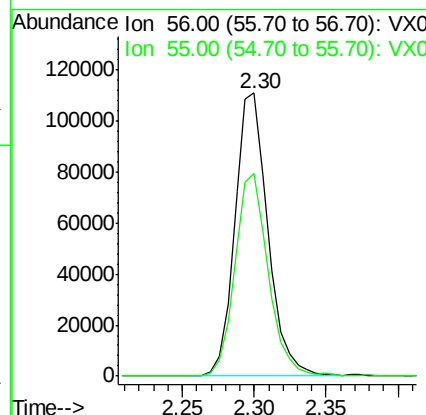
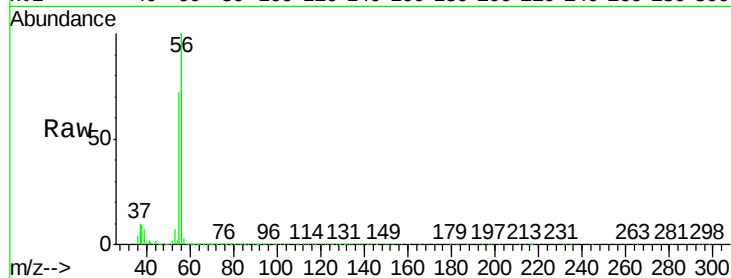
#13
Acrolein
Concen: 356.054 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.3	56.9	85.3

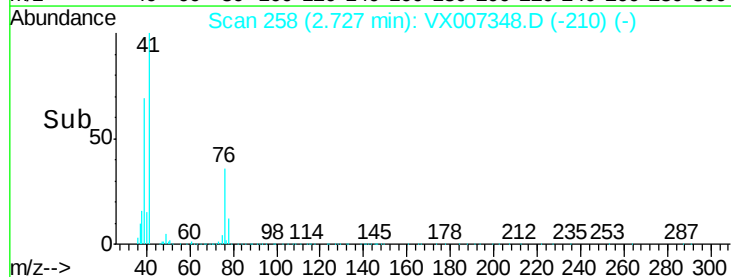
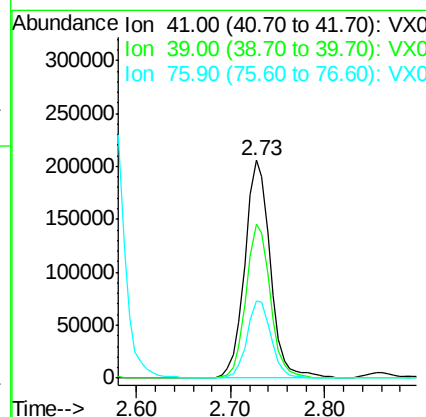
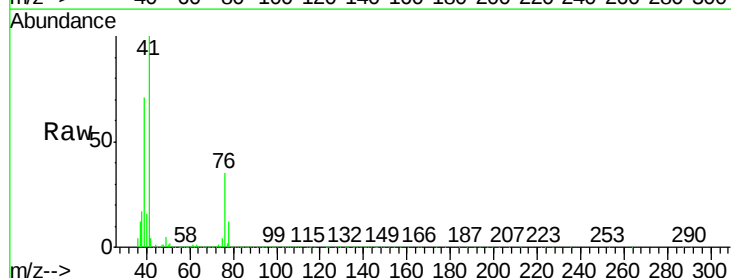
Manual Integrations
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#14
Allyl chloride
Concen: 51.839 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.6	54.1	81.1
76	33.3	27.8	41.8





#15

Acrylonitrile

Concen: 263.153 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

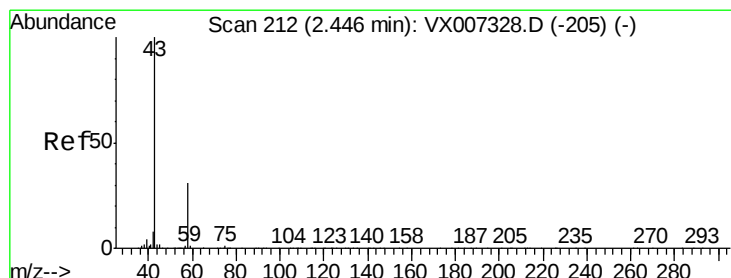
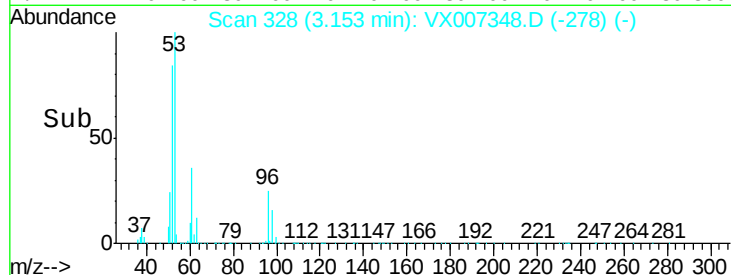
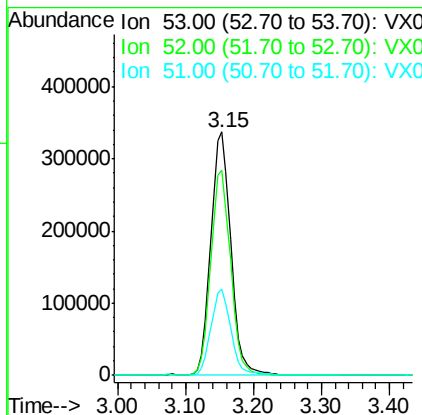
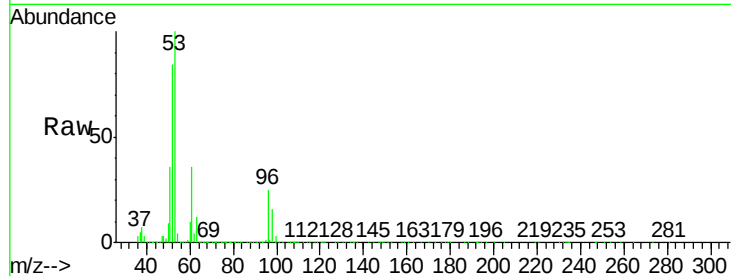
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	689013
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.4	99.6
51	35.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 254.381 ug/l

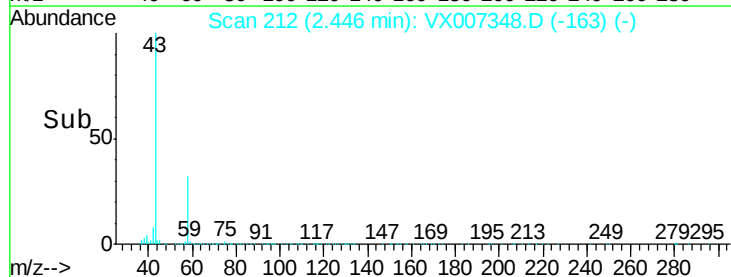
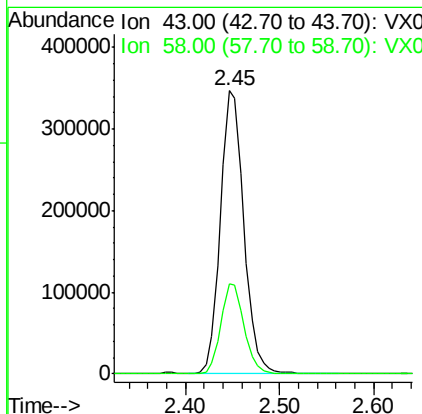
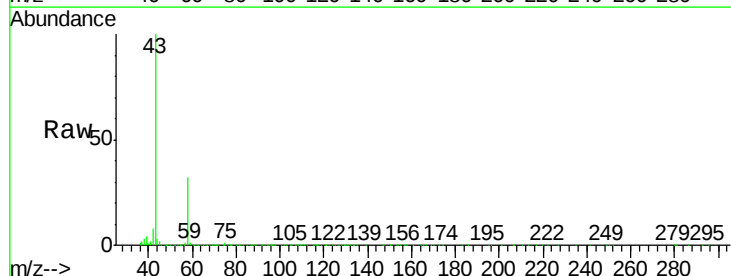
RT: 2.45 min Scan# 212

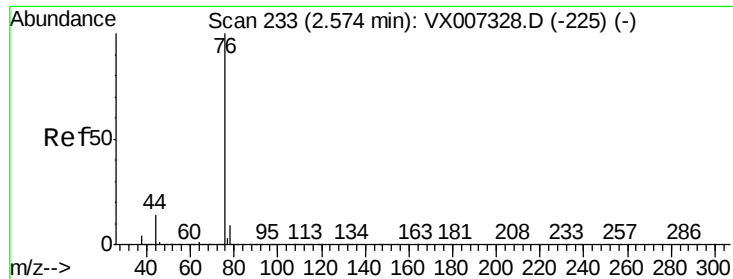
Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Tgt Ion:	43	Resp:	595946
Ion Ratio		Lower	Upper
43	100		
58	31.9	24.9	37.3





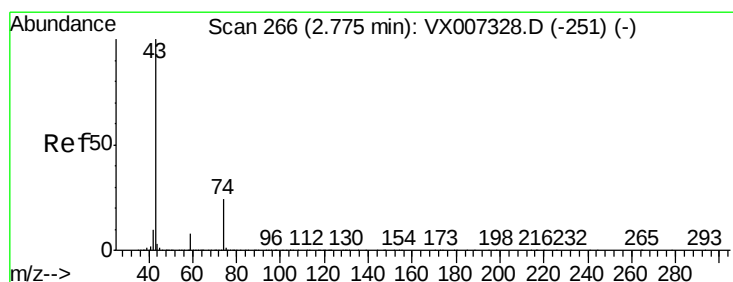
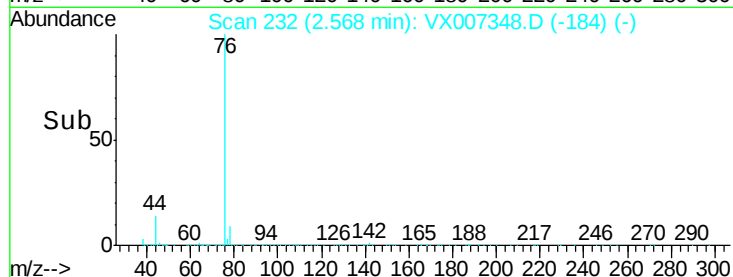
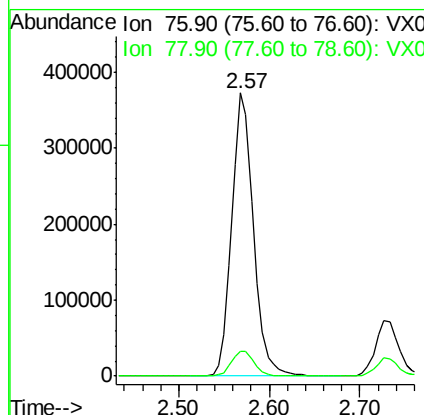
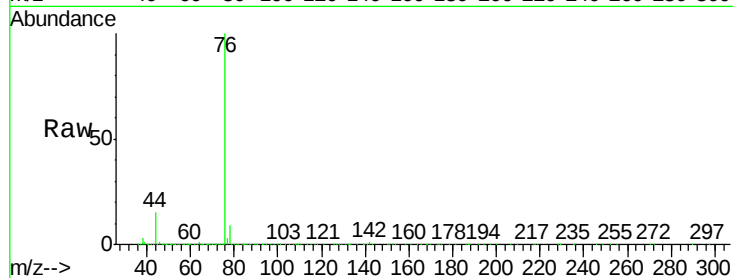
#17
Carbon Disulfide
Concen: 51.163 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

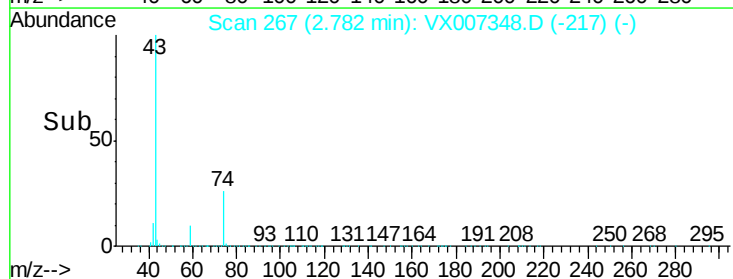
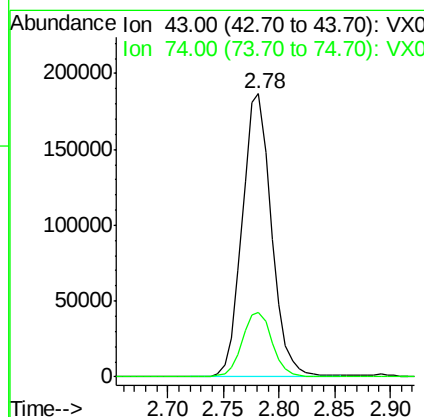
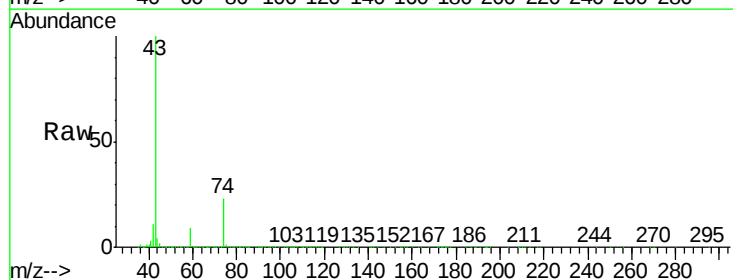
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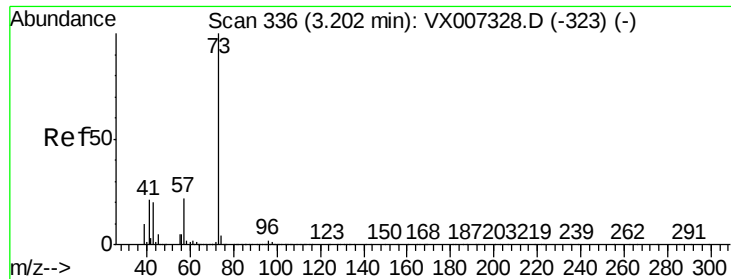
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#18
Methyl Acetate
Concen: 55.469 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.4	29.2





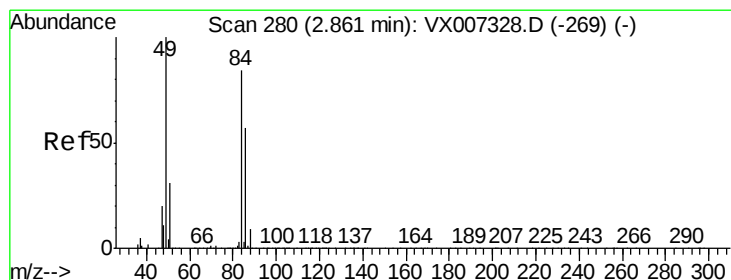
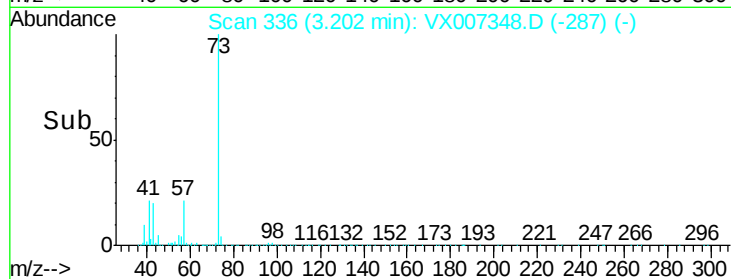
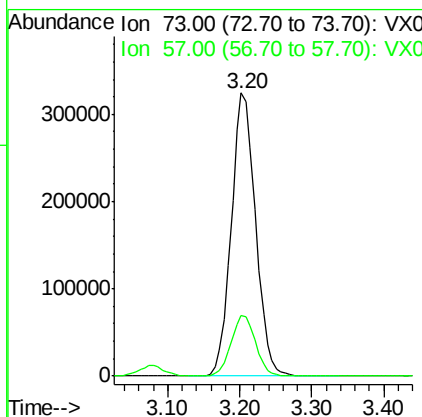
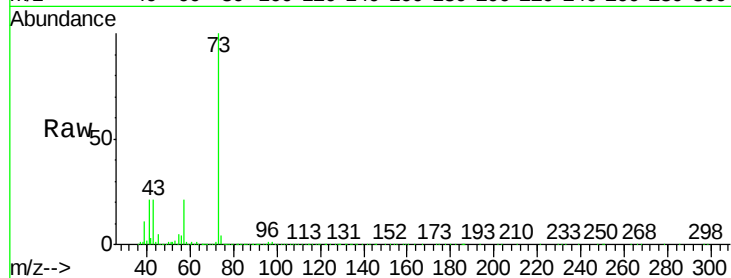
#19
Methvl tert-butvl Ether
Concen: 50.976 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.8	26.8

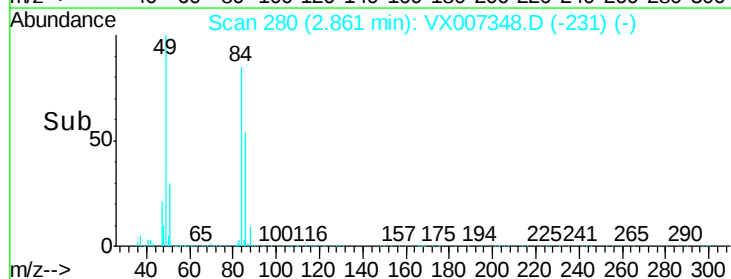
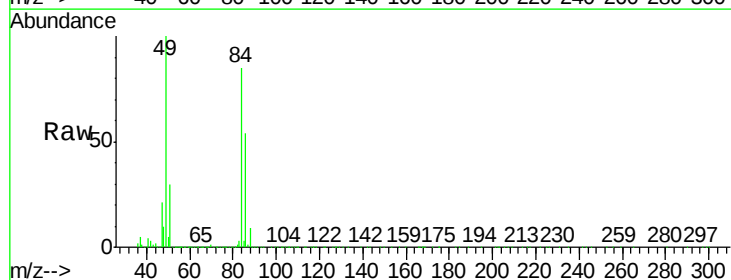
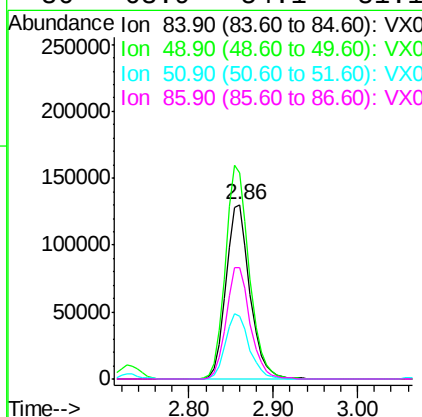
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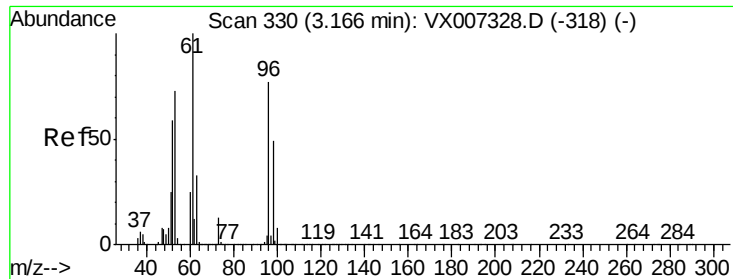
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#20
Methylene Chloride
Concen: 53.046 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.2	94.8	142.2
51	35.8	29.8	44.8
86	63.9	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 49.786 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

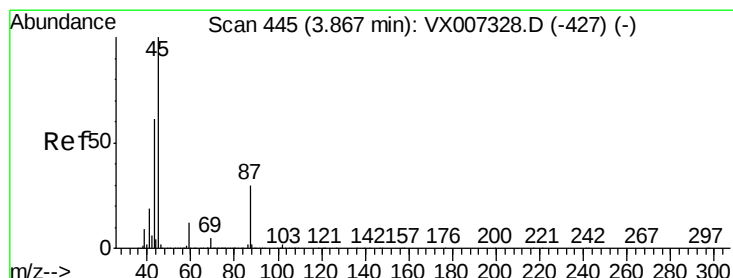
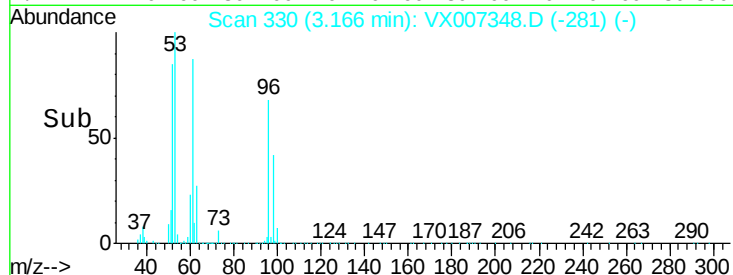
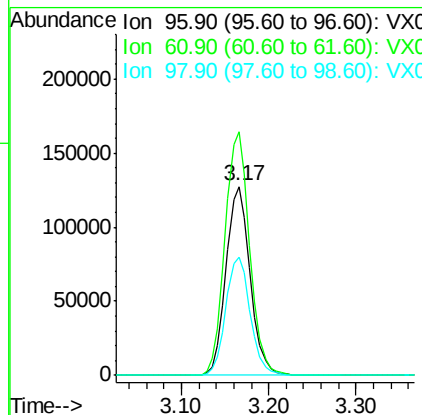
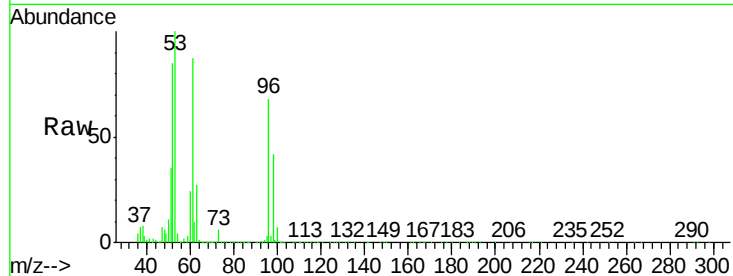
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	243991
Ion Ratio	Lower	Upper	
96	100		
61	128.9	104.6	156.8
98	62.5	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.868 ug/l

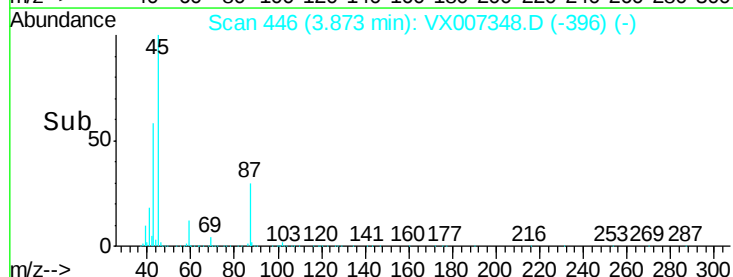
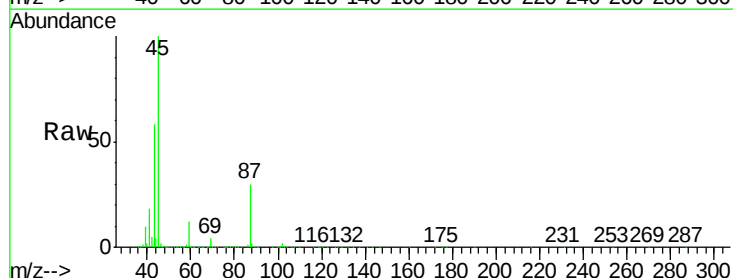
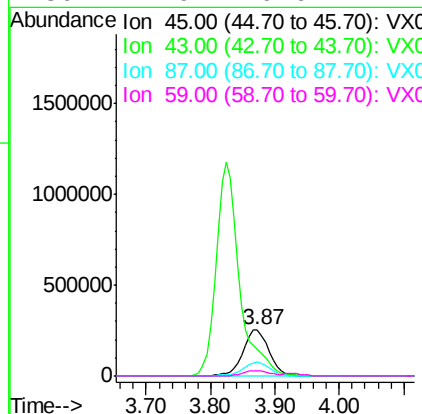
RT: 3.87 min Scan# 446

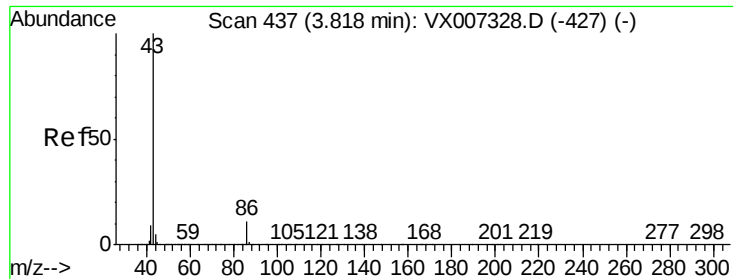
Delta R.T. 0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Tgt Ion:	45	Resp:	701387
Ion Ratio	Lower	Upper	
45	100		
43	57.4	48.9	73.3
87	30.1	23.9	35.9
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 261.856 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 2996172

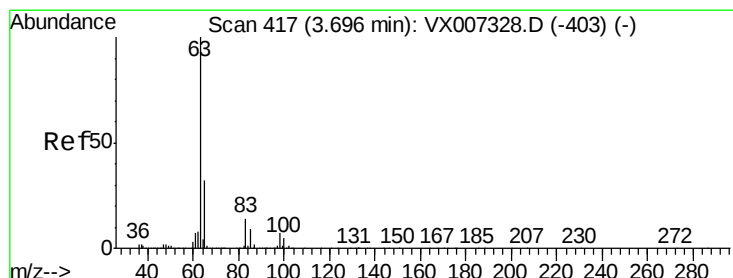
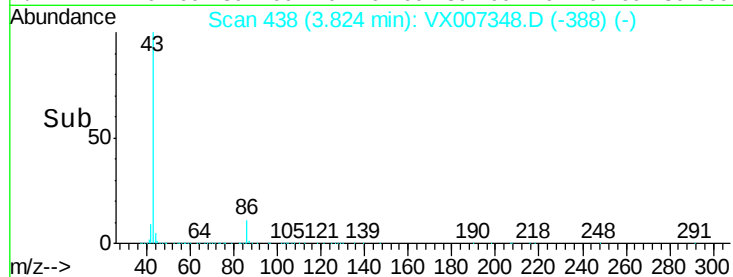
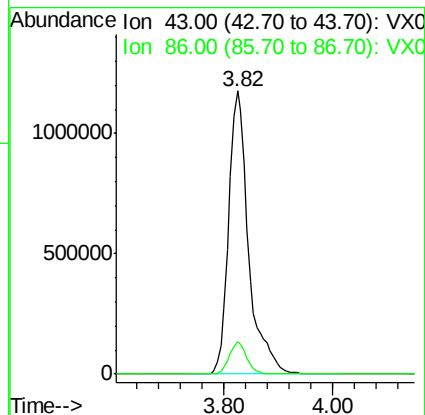
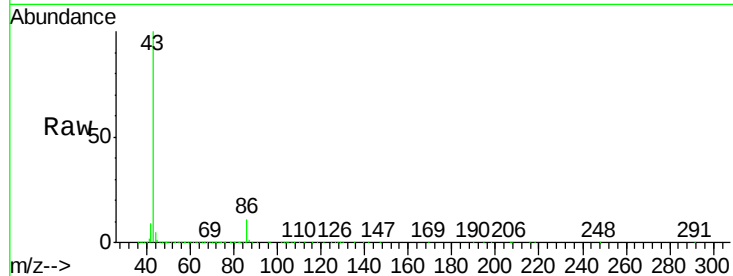
Ion Ratio Lower Upper

43 100

86 11.3 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 48.916 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

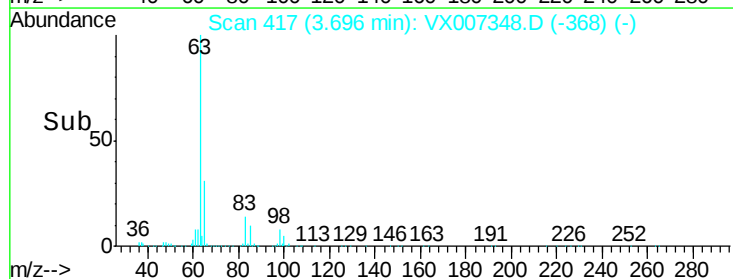
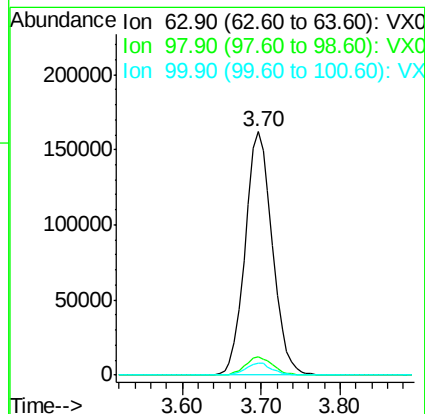
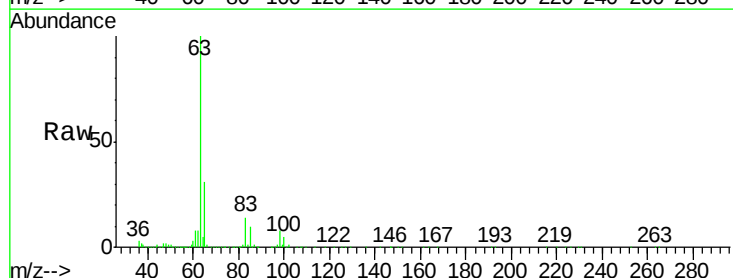
Tgt Ion: 63 Resp: 387340

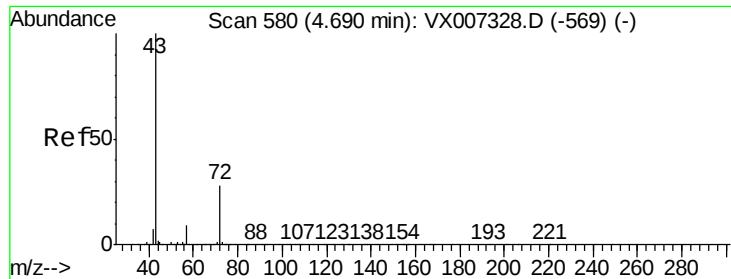
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 260.982 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 870113

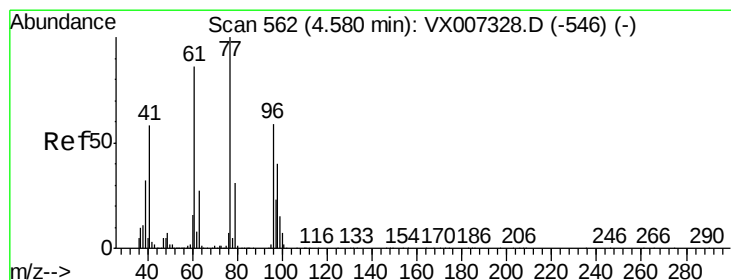
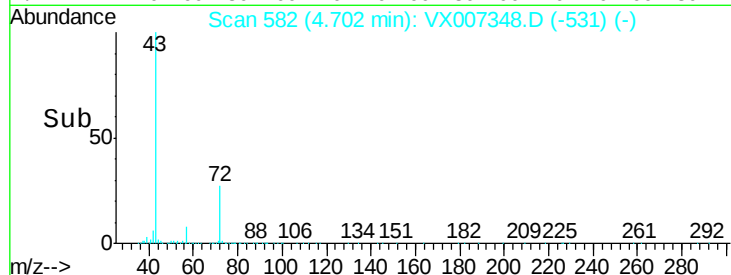
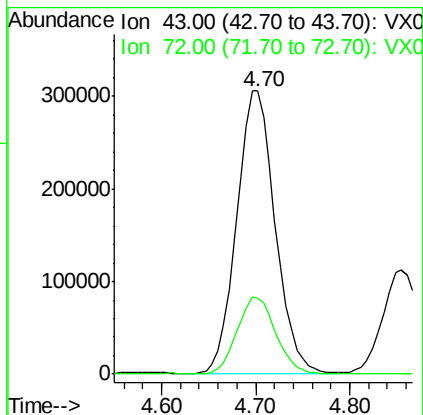
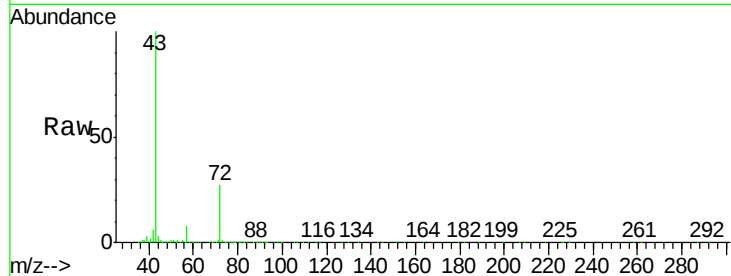
Ion Ratio Lower Upper

43 100

72 26.8 22.2 33.2

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2/4/2019 9:36:51 AM



#26

2,2-Dichloropropane

Concen: 44.151 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007348.D

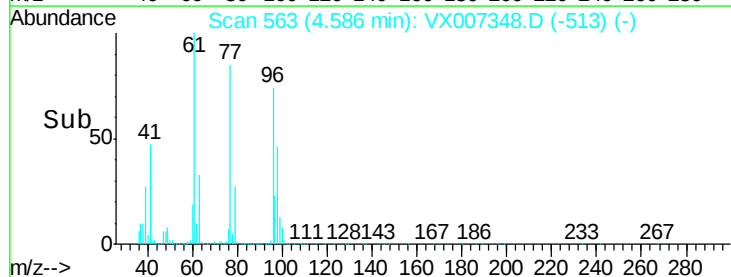
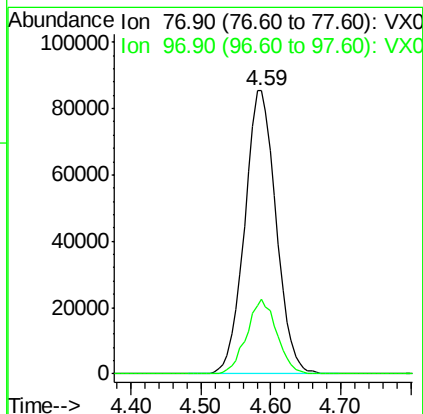
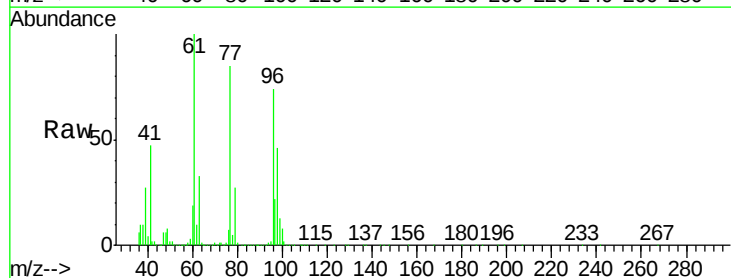
Acq: 01 Feb 2019 20:26

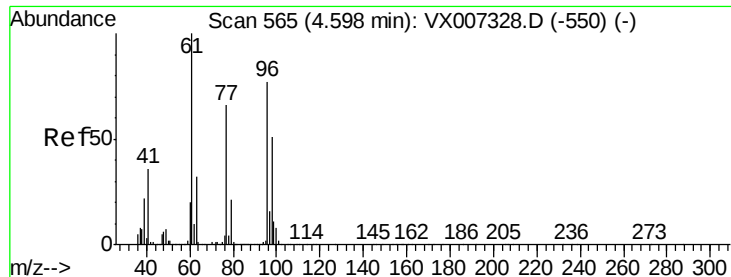
Tgt Ion: 77 Resp: 266247

Ion Ratio Lower Upper

77 100

97 25.4 12.1 36.3





#27

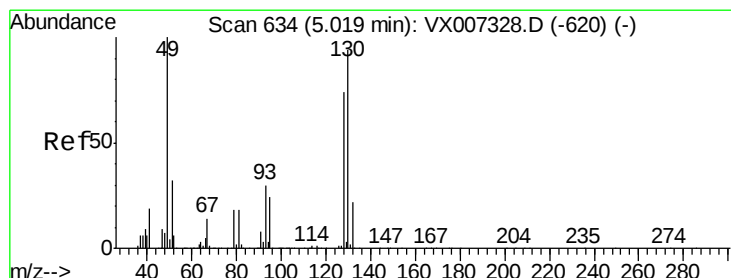
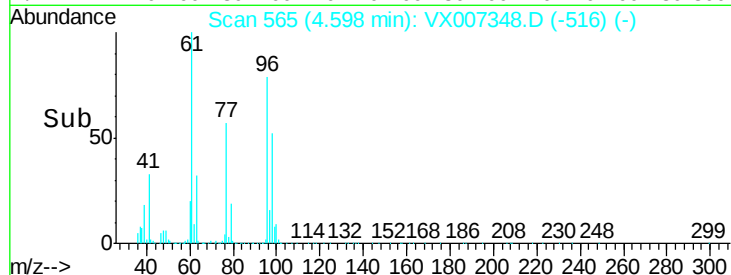
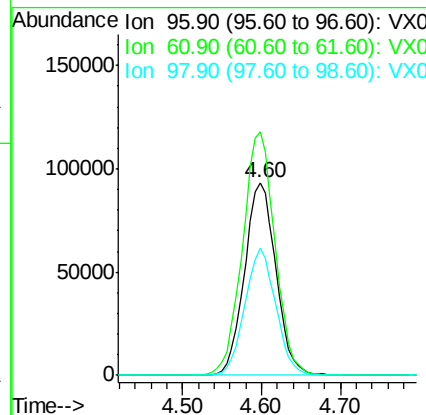
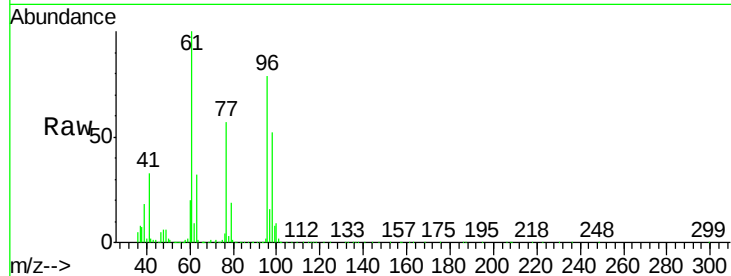
cis-1,2-Dichloroethene
Concen: 48.273 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	265.6
98	64.5	0.0	131.6

Manual Integrations
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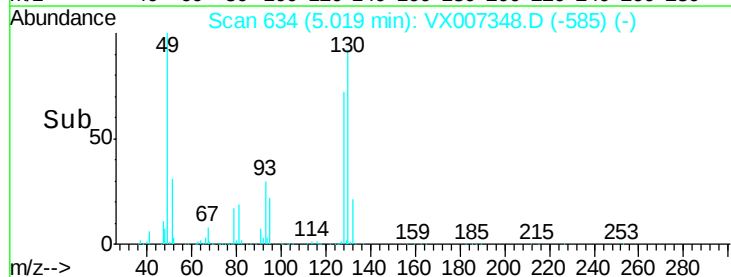
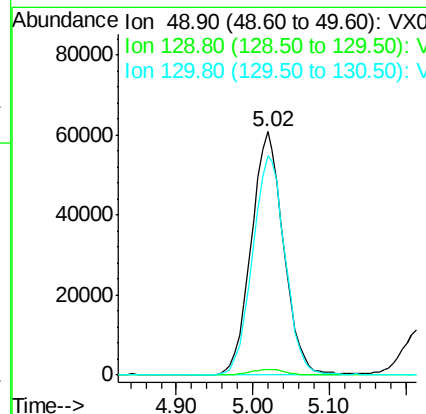
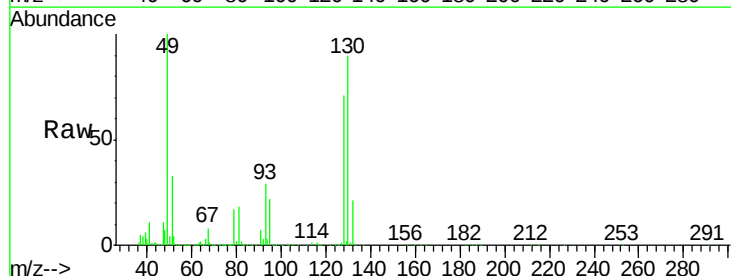
MMDadoda
2/4/2019 9:36:51 AM



#28

Bromochloromethane
Concen: 49.104 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	90.8	75.6	113.4





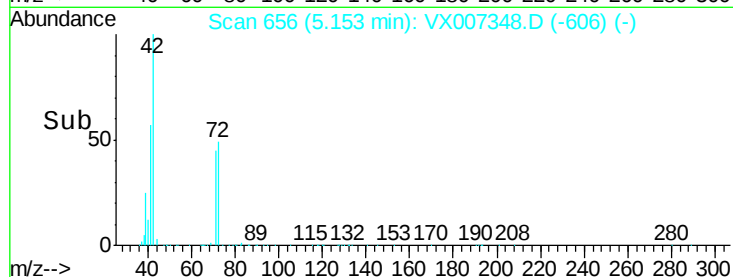
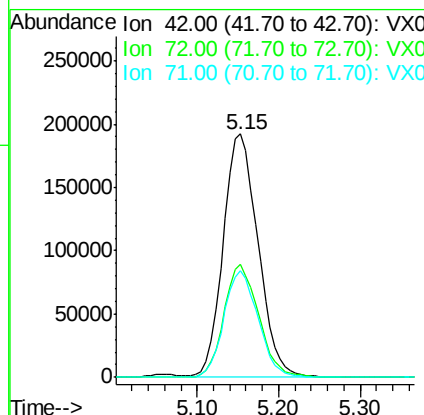
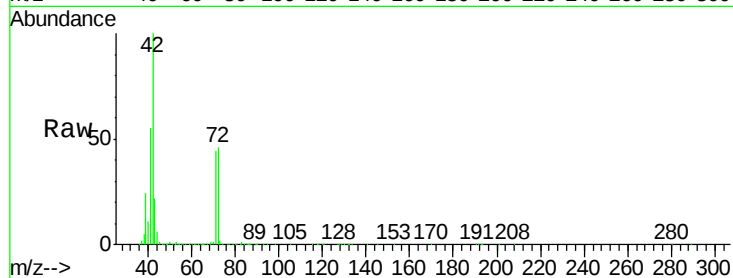
#29
Tetrahydrofuran
Concen: 270.161 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.6	56.4
71	43.4	34.6	51.8

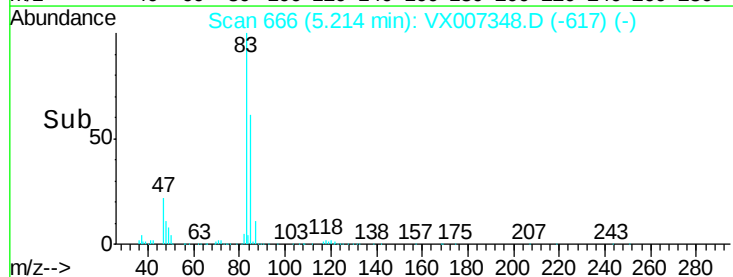
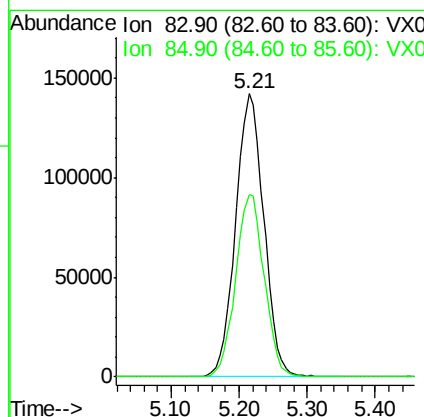
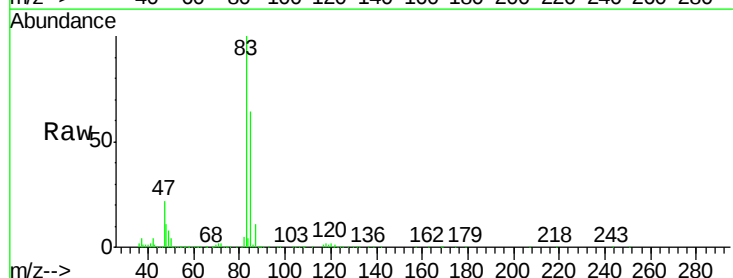
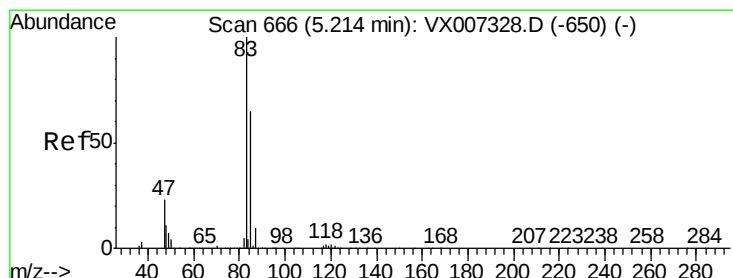
Manual Integrations
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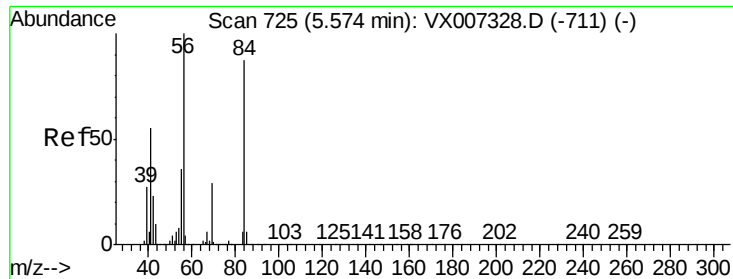
MMDadoda
2/4/2019 9:36:51 AM



#30
Chloroform
Concen: 49.602 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.6	77.4





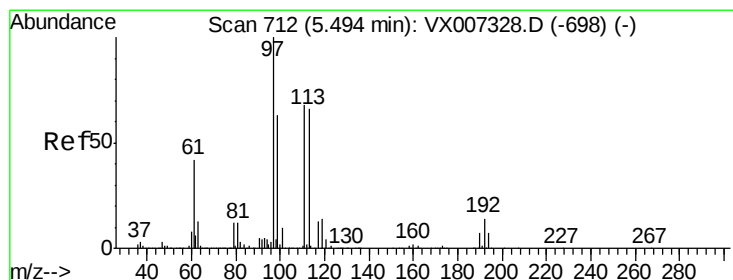
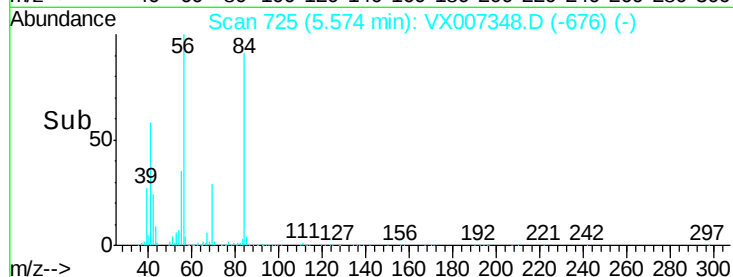
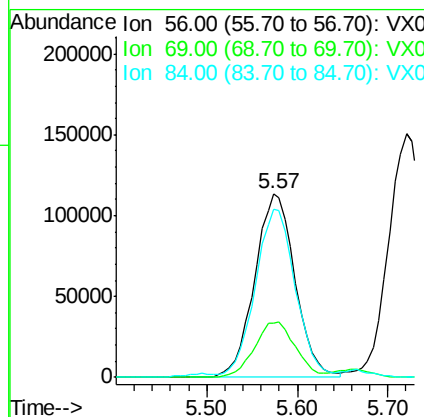
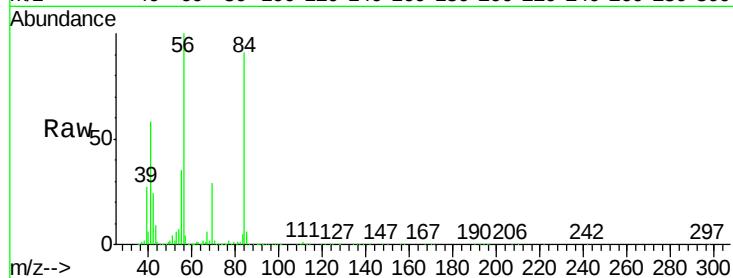
#31
Cyclohexane
Concen: 49.001 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.0	34.6
84	90.1	69.8	104.6

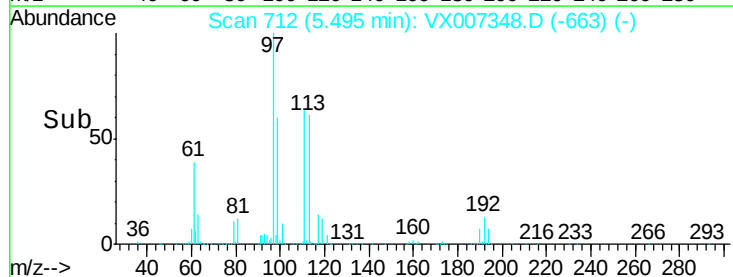
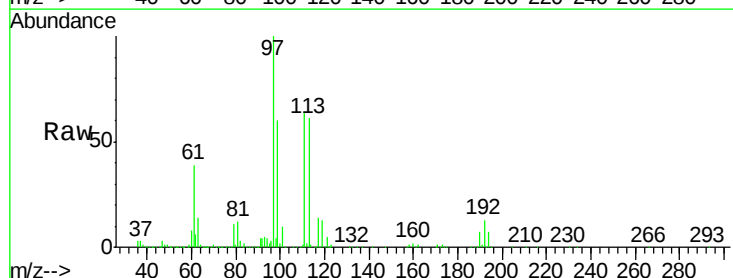
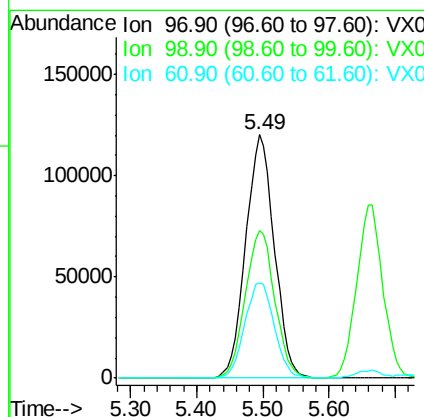
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#32
1,1,1-Trichloroethane
Concen: 51.811 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	52.2	78.2
61	40.4	32.7	49.1





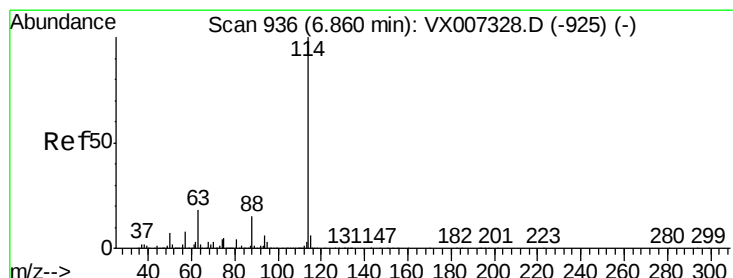
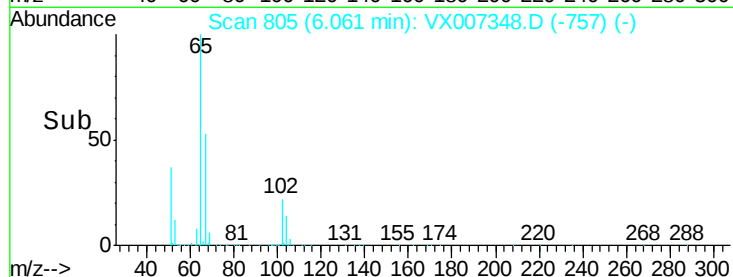
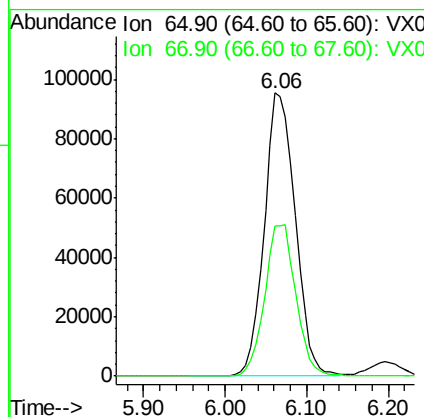
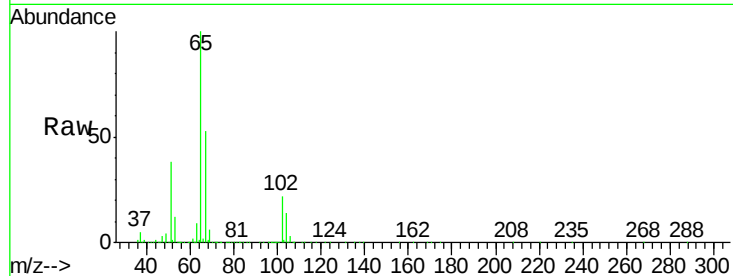
#33
 1,2-Dichloroethane-d4
 Concen: 49.136 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	251297		
67	53.8	0.0	108.8	

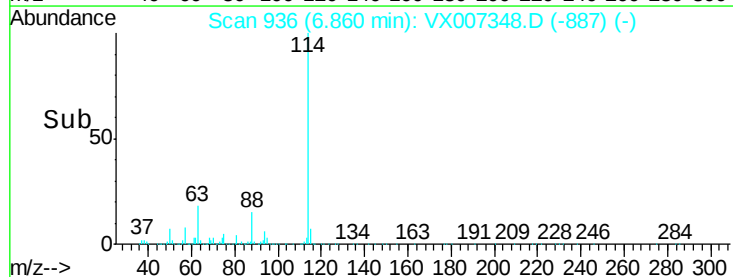
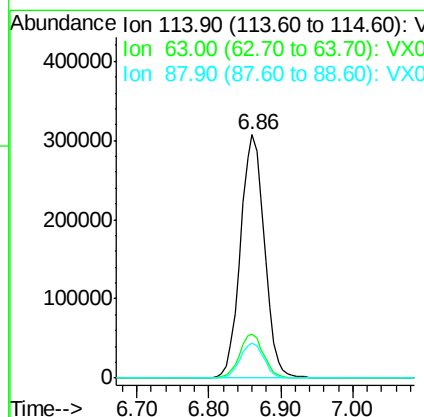
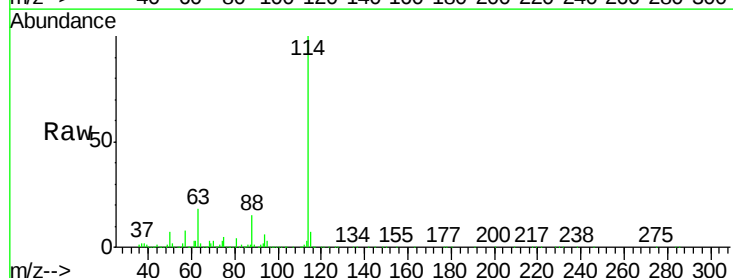
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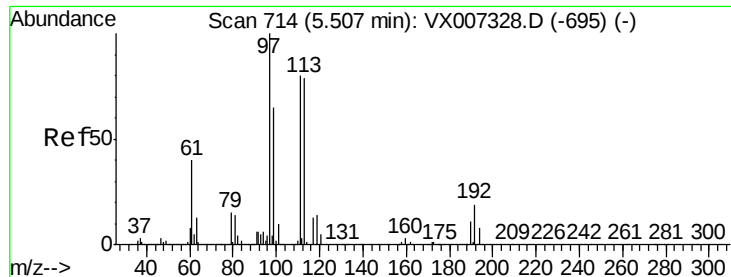
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 2/4/2019 9:36:51 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	709379		
63	18.1	0.0	35.6	
88	14.5	0.0	29.6	





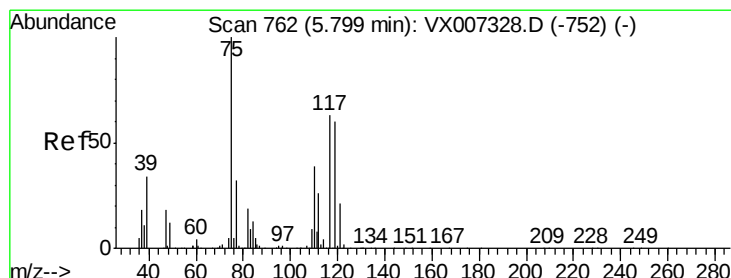
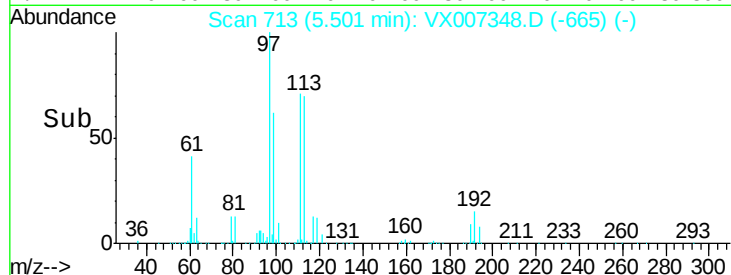
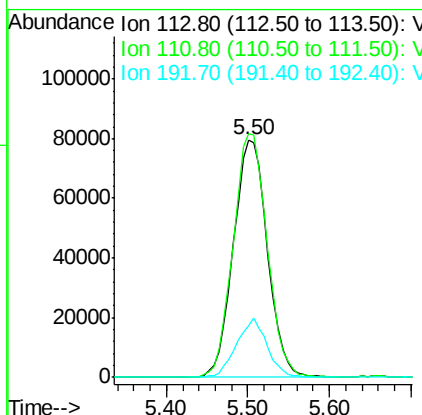
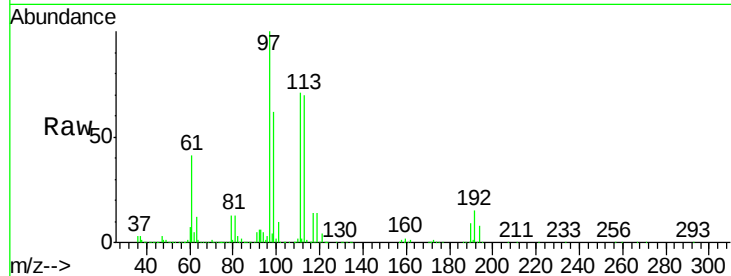
#35
 Dibromofluoromethane
 Concen: 49.606 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	228967		
111	102.9	81.8	122.8	
192	22.7	18.5	27.7	

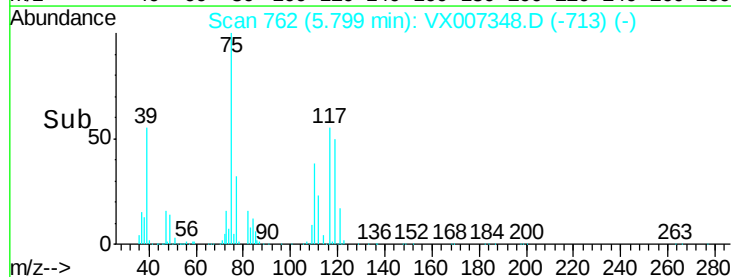
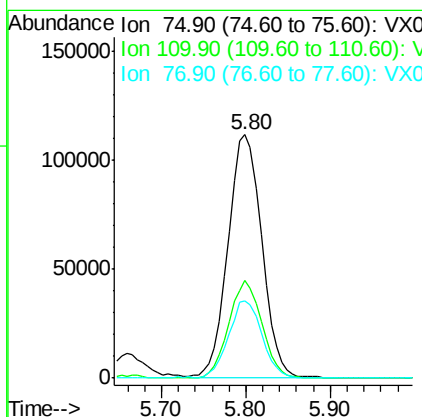
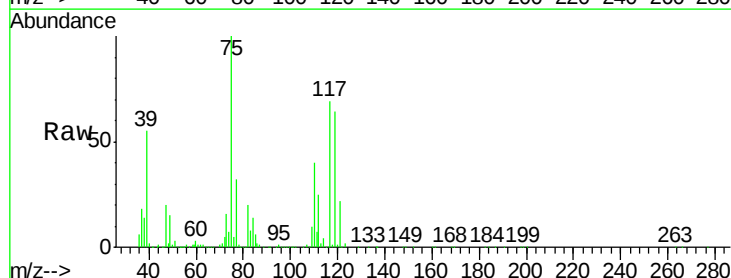
Manual Integrations
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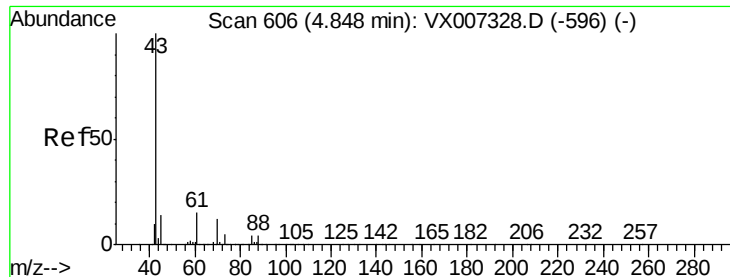
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#36
 1,1-Dichloropropene
 Concen: 47.713 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	303683		
110	39.5	20.0	59.9	
77	31.5	24.7	37.1	





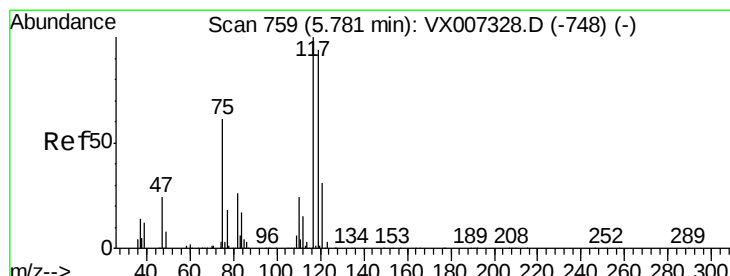
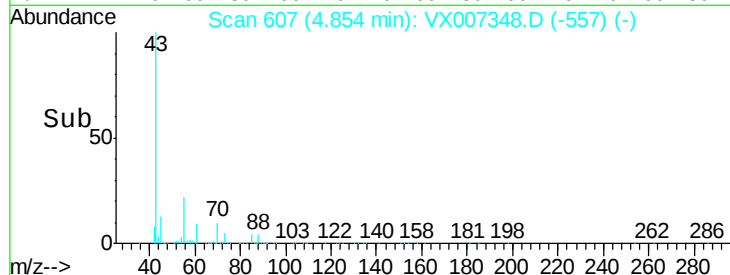
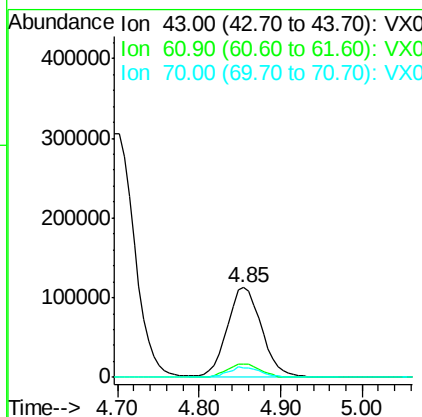
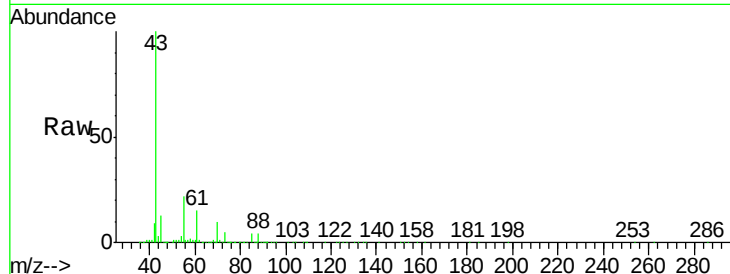
#37
Ethyl Acetate
Concen: 50.823 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.3	16.9
70	10.8	8.6	13.0

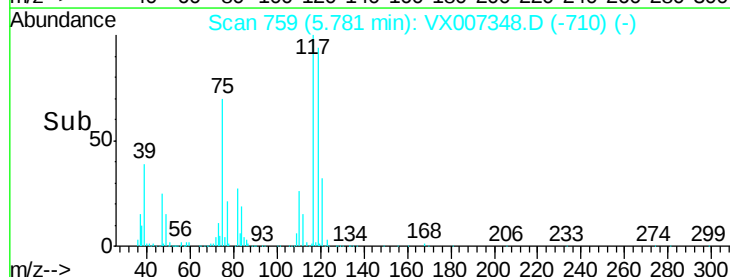
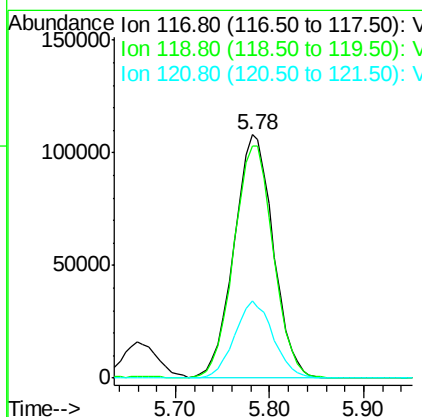
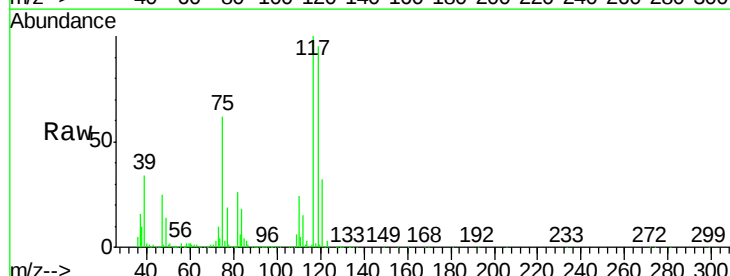
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#38
Carbon Tetrachloride
Concen: 50.867 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.3	112.9
121	31.6	25.0	37.4





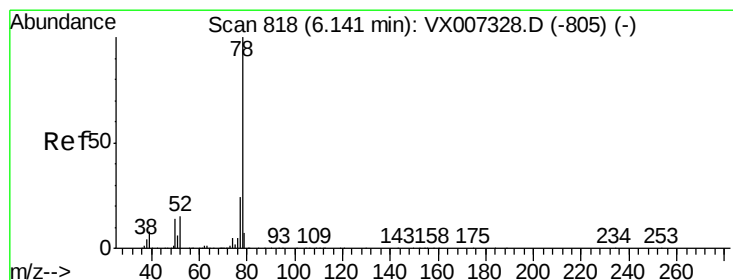
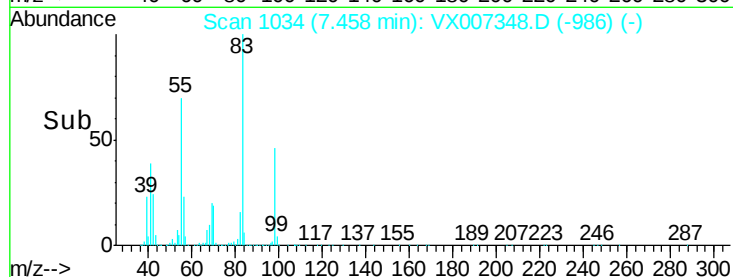
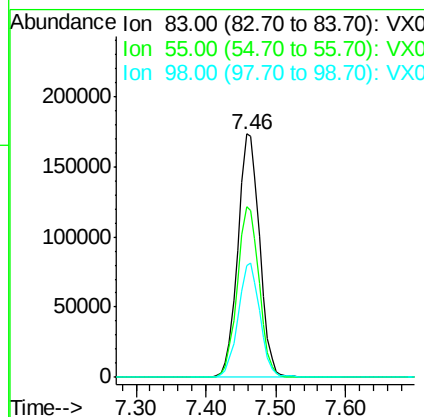
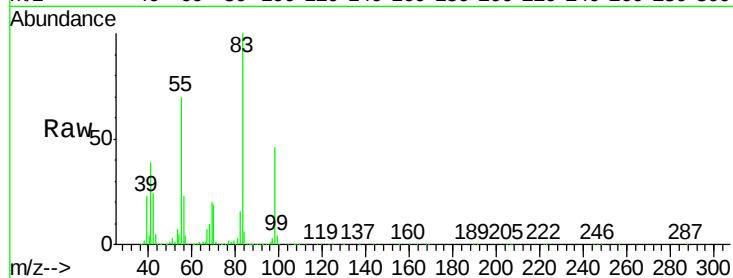
#39
Methvlcvclohexane
Concen: 48.565 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.3	56.2	84.2
98	46.0	36.8	55.2

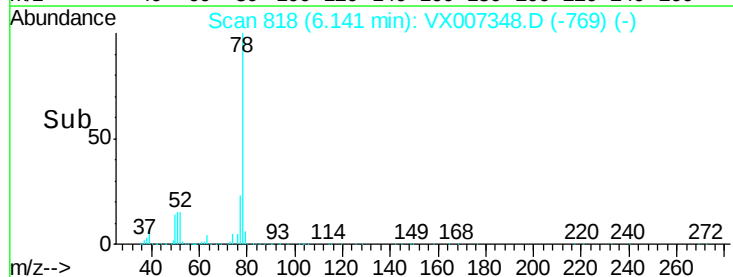
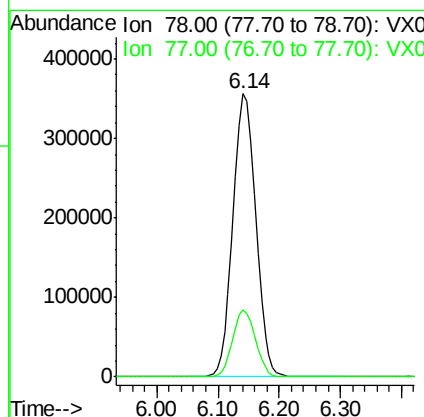
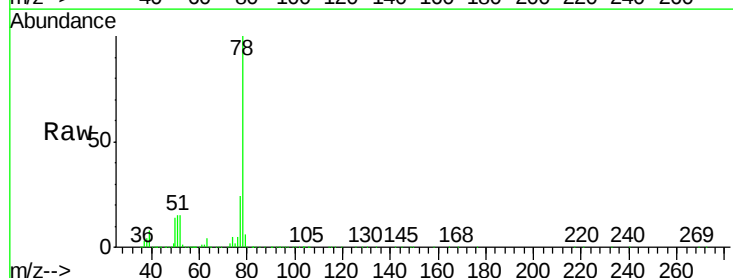
Manual Integrations
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#40
Benzene
Concen: 49.405 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





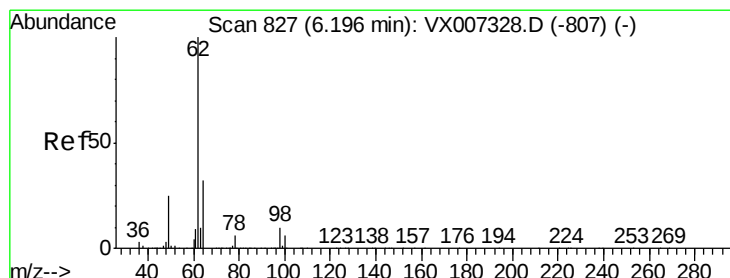
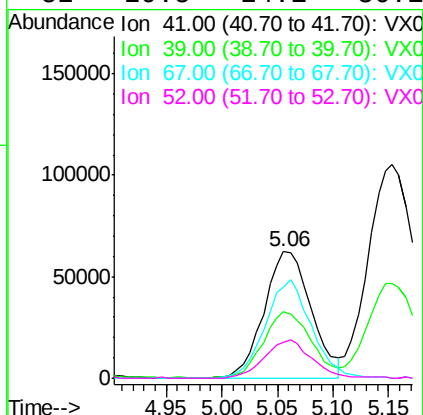
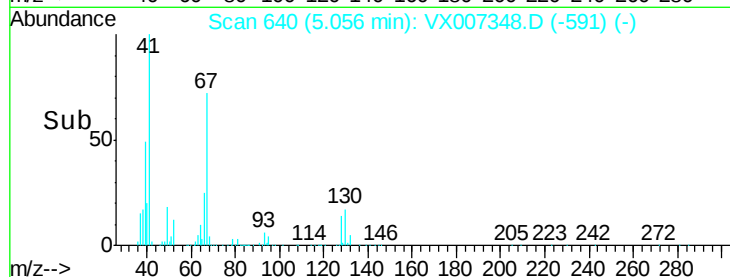
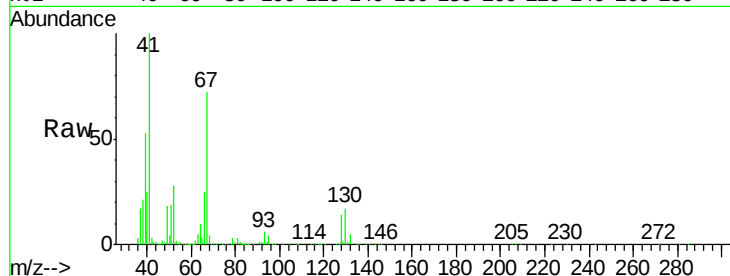
#41
Methacrylonitrile
Concen: 52.996 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
182747	41	100		
	39	53.3	44.5	66.7
	67	76.0	60.4	90.6
	52	29.5	24.1	36.1

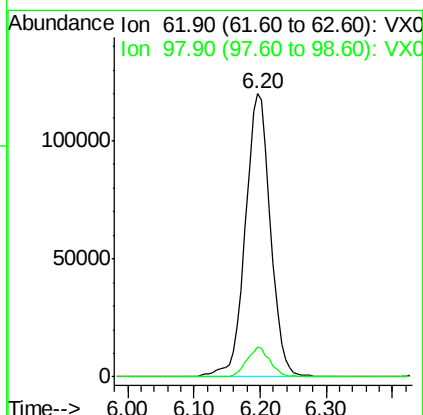
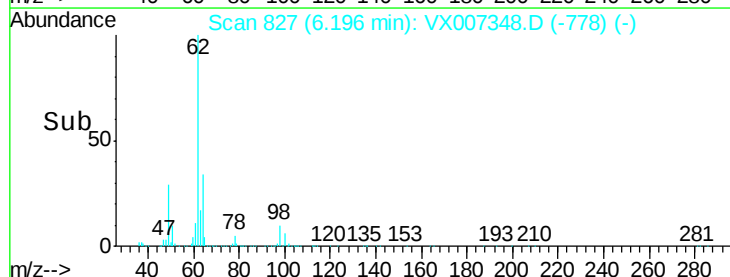
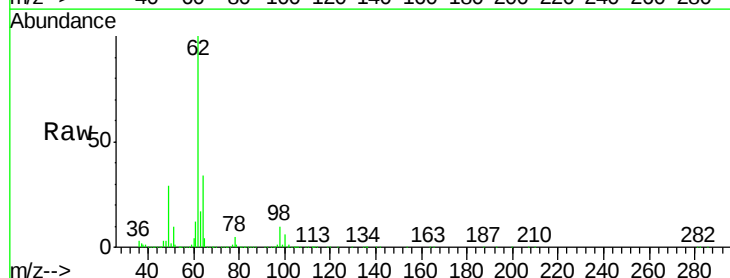
Manual Integrations
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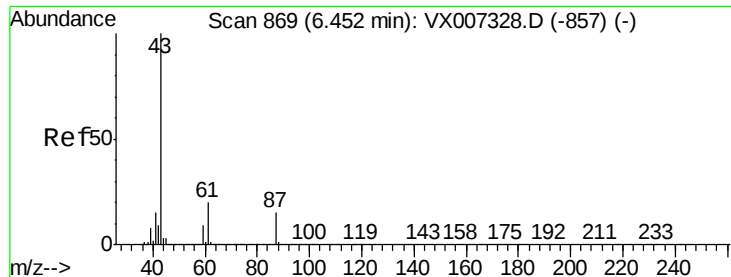
MMDadoda
2/4/2019 9:36:51 AM



#42
1,2-Dichloroethane
Concen: 48.631 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ion	Ratio	Lower	Upper
315468	62	100		
	98	9.7	0.0	19.0





#43

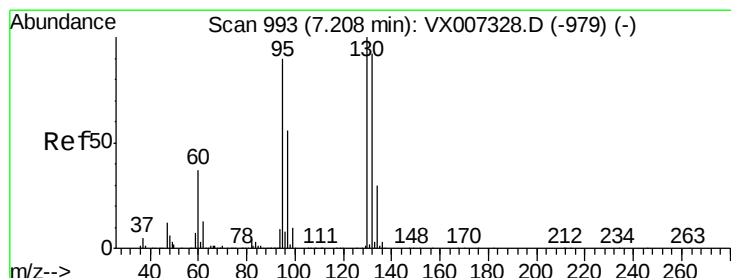
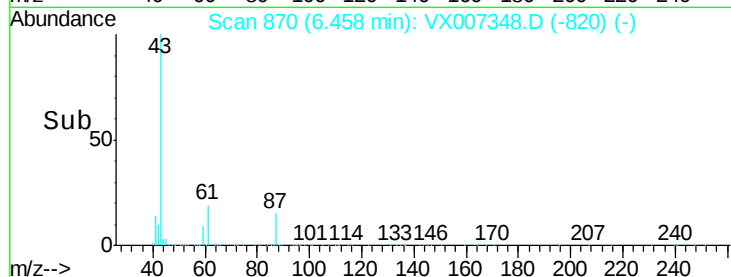
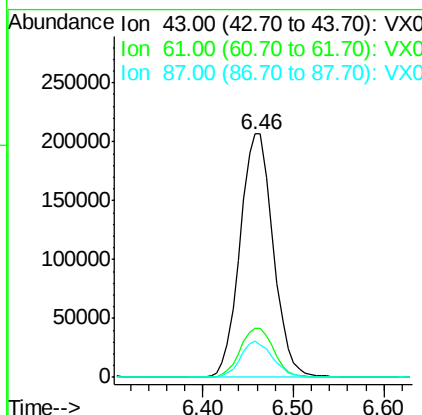
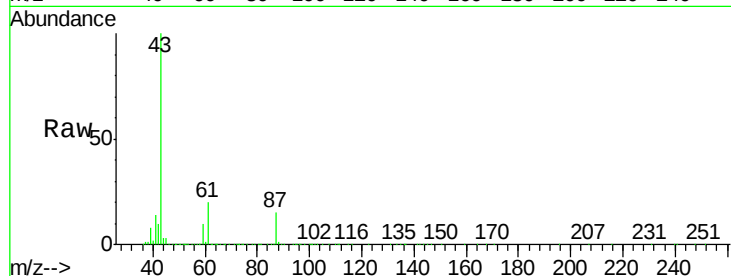
Isopropyl Acetate
 Concen: 52.611 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.1	24.1
87	14.5	11.5	17.3

Manual Integrations
 APPROVED

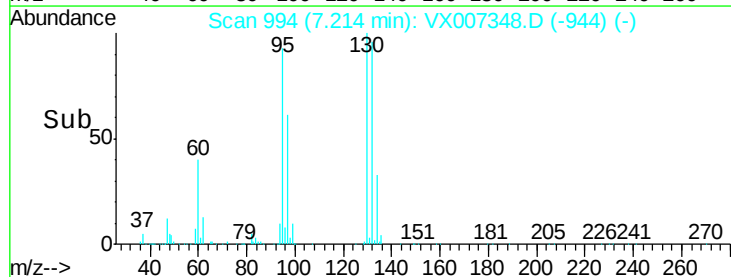
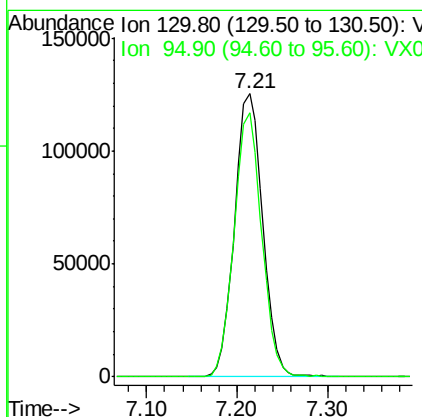
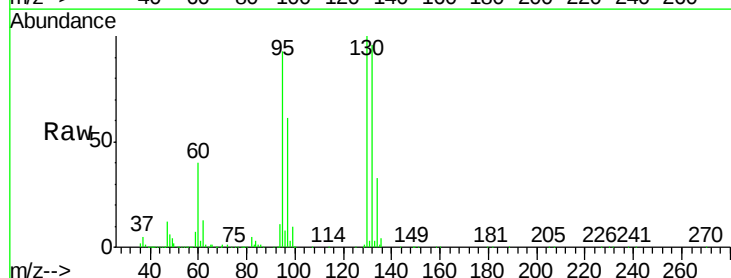
MMDadoda
 2/4/2019 9:36:51 AM

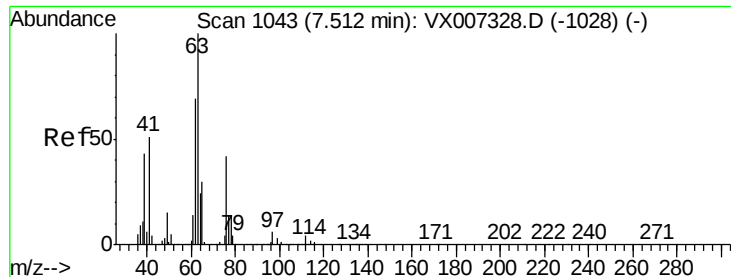


#44

Trichloroethene
 Concen: 47.999 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 49.928 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 234539

Ion Ratio Lower Upper

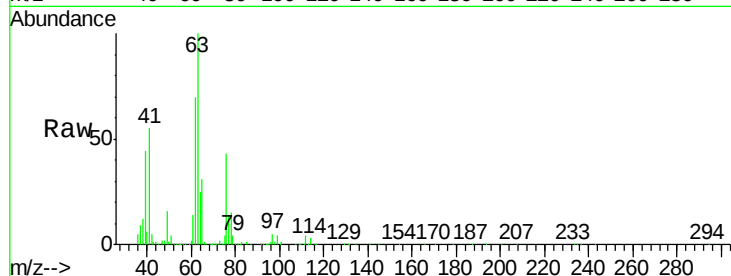
63 100

65 30.5 24.2 36.2

Manual Integrations
APPROVED

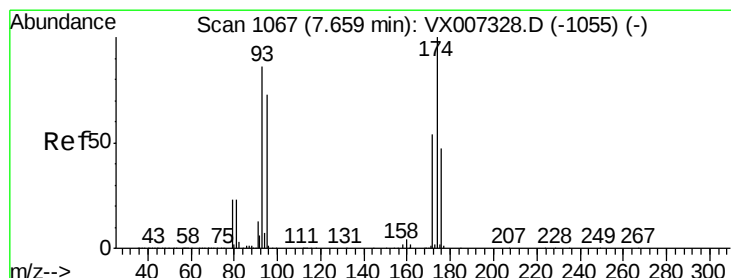
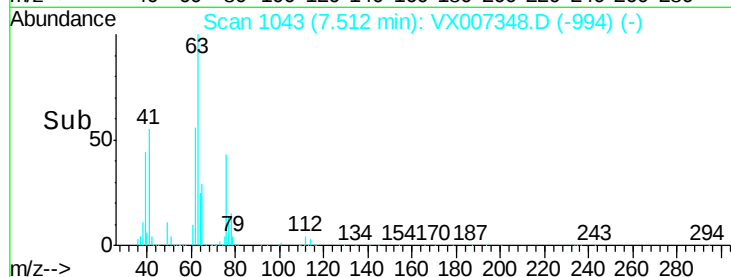
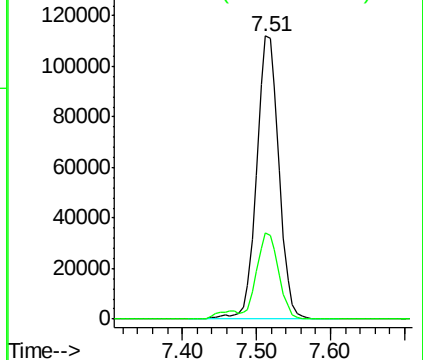
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.452 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

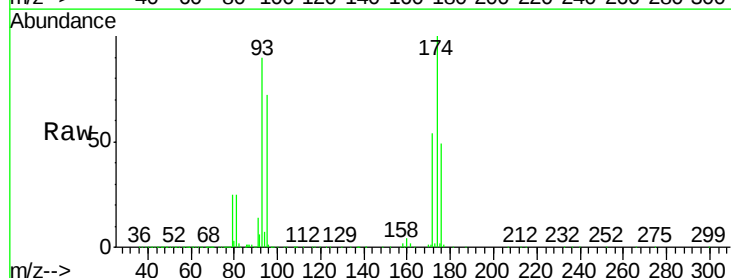
Tgt Ion: 93 Resp: 165427

Ion Ratio Lower Upper

93 100

95 82.4 67.6 101.4

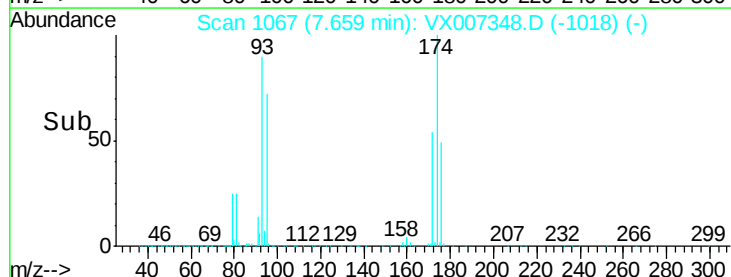
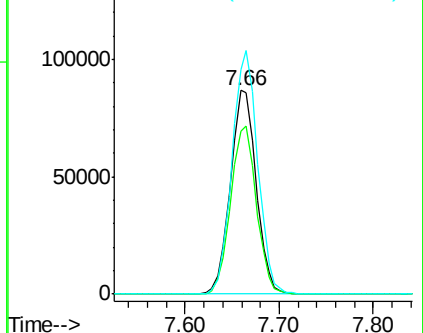
174 118.6 94.2 141.4

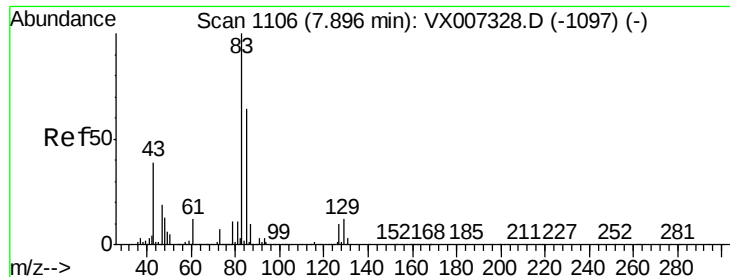


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.735 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

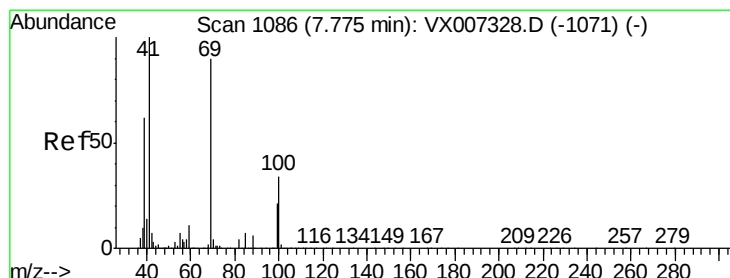
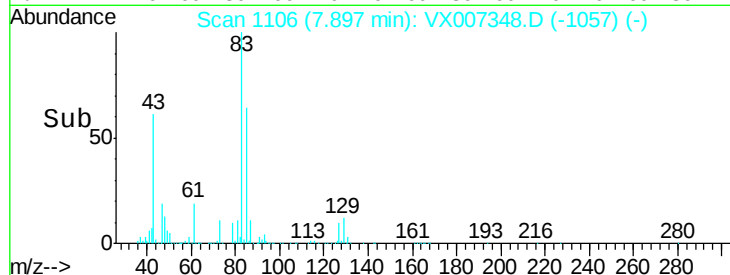
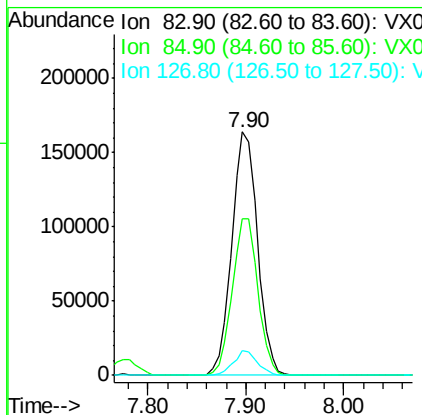
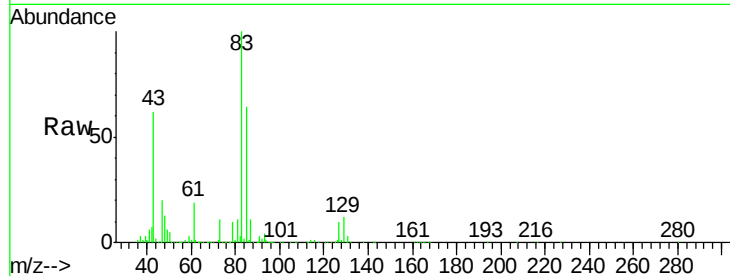
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	299354
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.4	77.0
127	10.1	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.222 ug/l

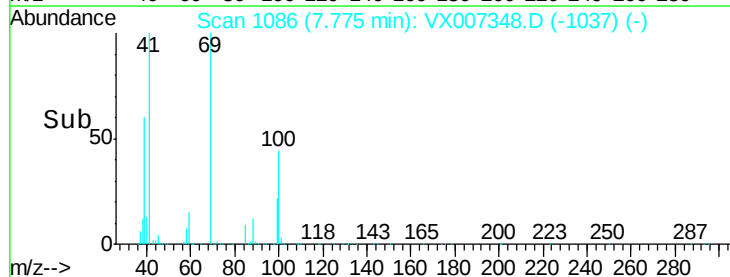
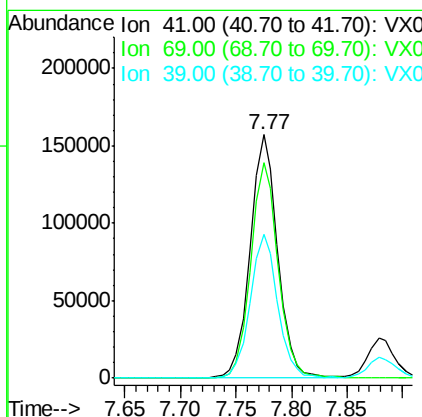
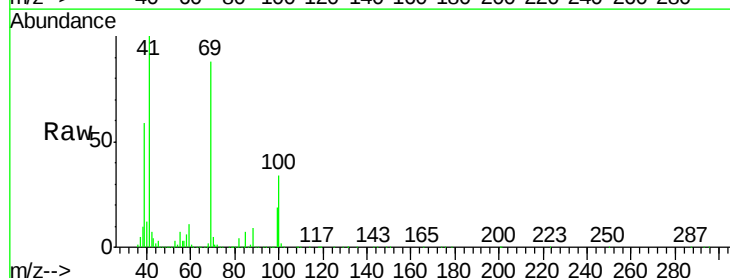
RT: 7.77 min Scan# 1086

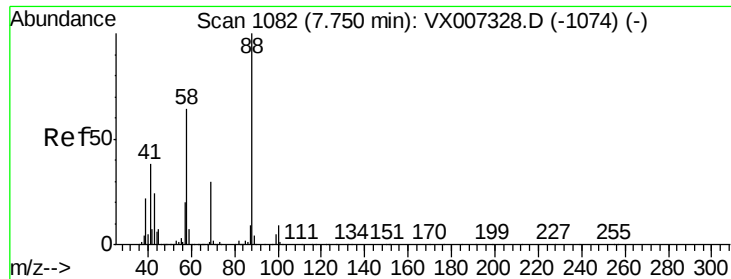
Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Tgt Ion:	41	Resp:	269348
Ion Ratio	Lower	Upper	
41	100		
69	88.2	70.2	105.4
39	58.9	47.4	71.0





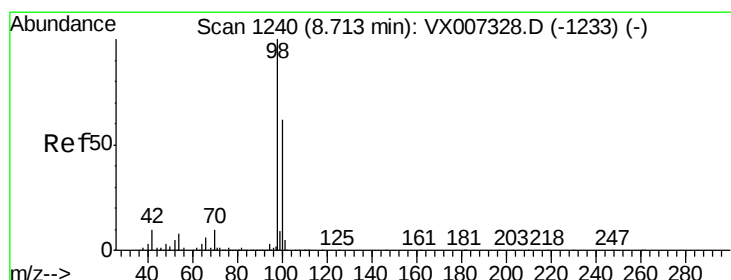
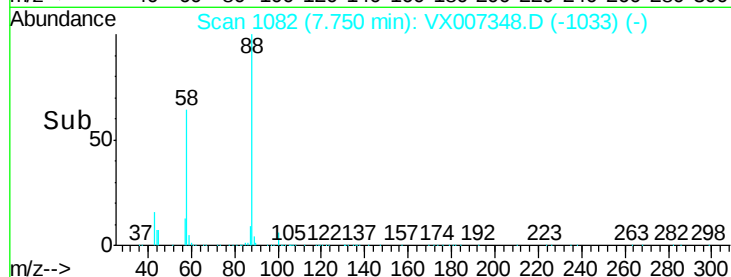
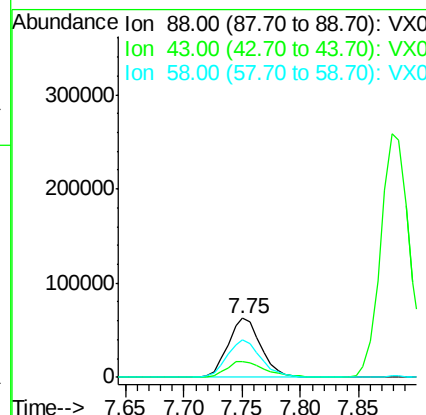
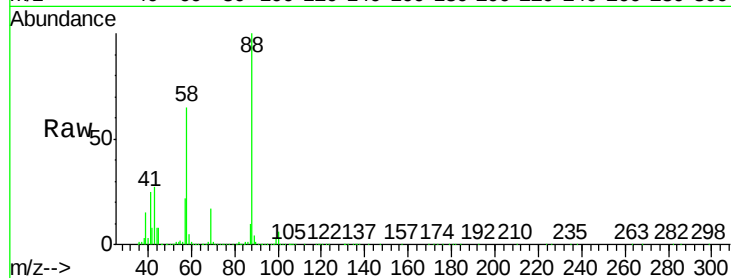
#49
1,4-Dioxane
Concen: 1095.264 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	24.2	36.4
58	64.8	53.0	79.4

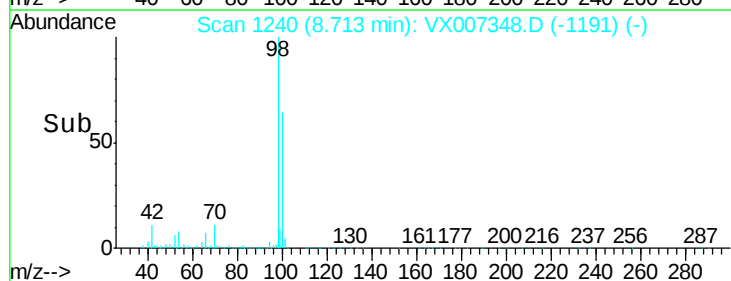
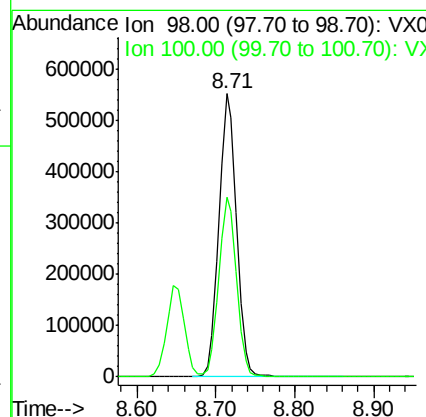
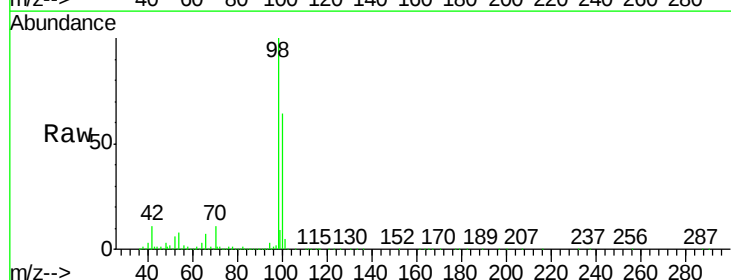
Manual Integrations
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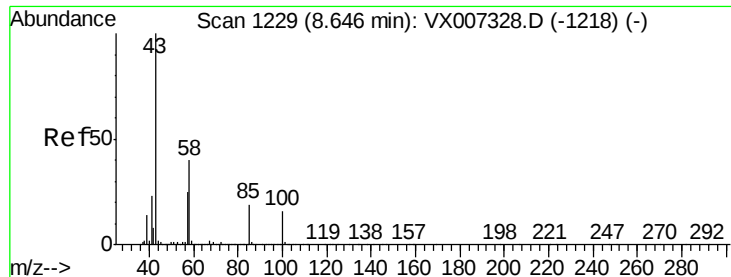
MMDadoda
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#50
Toluene-d8
Concen: 50.259 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 265.717 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1737168

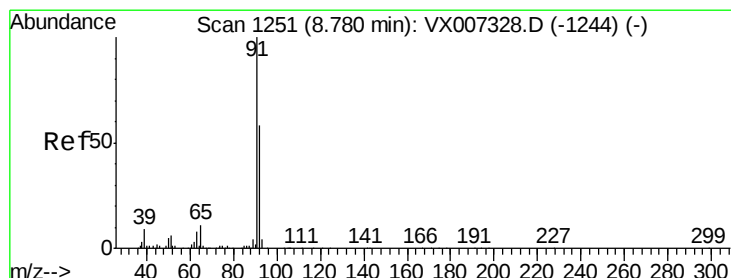
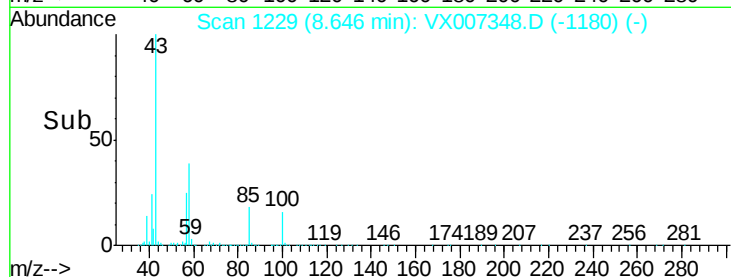
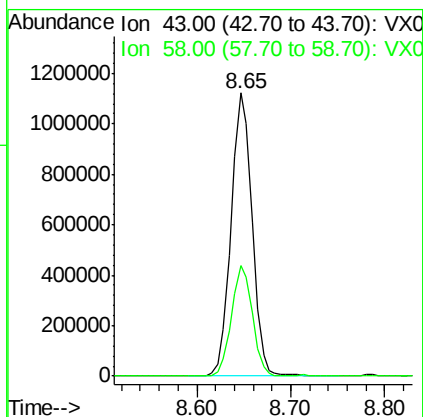
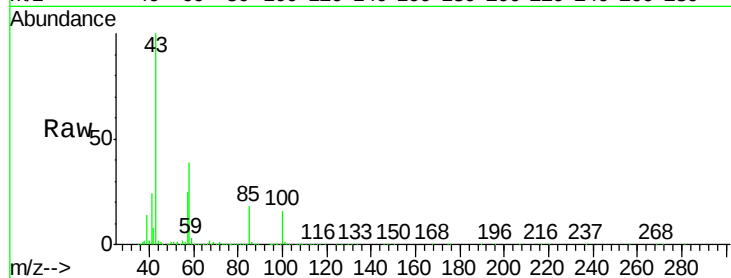
Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8

Manual Integrations
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2/4/2019 9:36:51 AM



#52

Toluene

Concen: 49.473 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007348.D

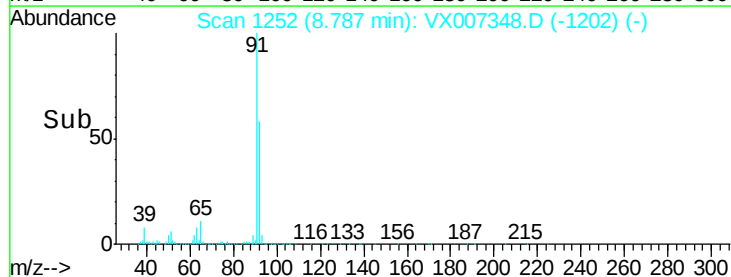
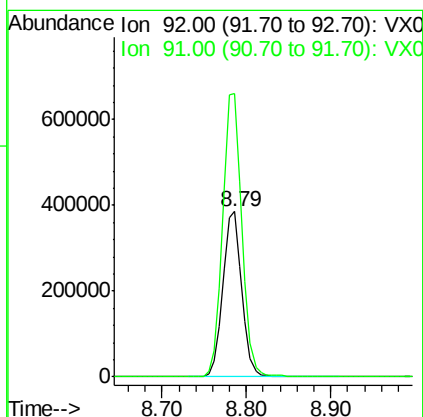
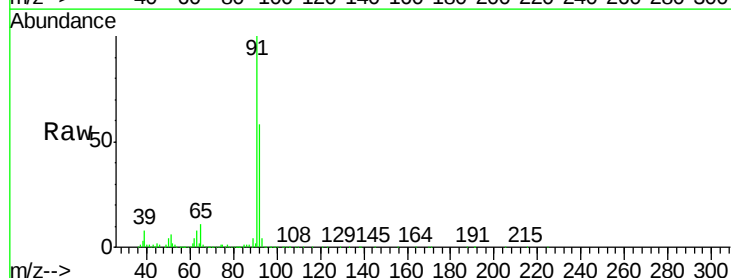
Acq: 01 Feb 2019 20:26

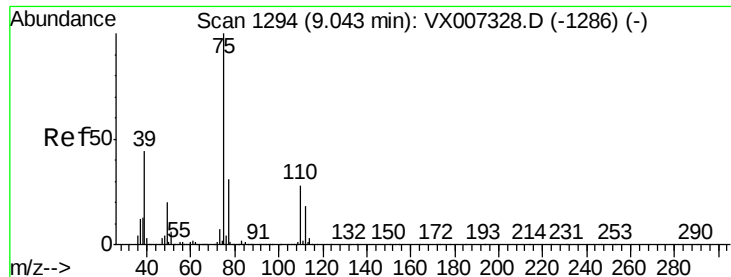
Tgt Ion: 92 Resp: 598455

Ion Ratio Lower Upper

92 100

91 174.9 139.1 208.7





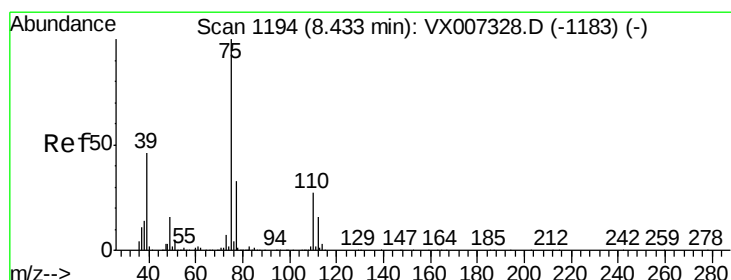
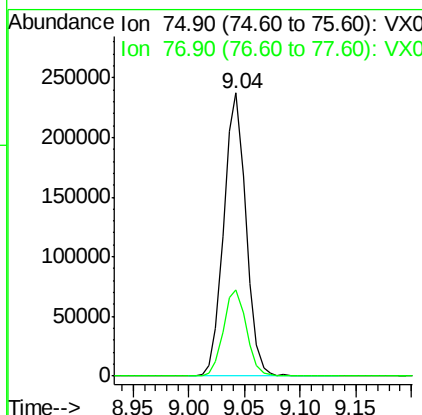
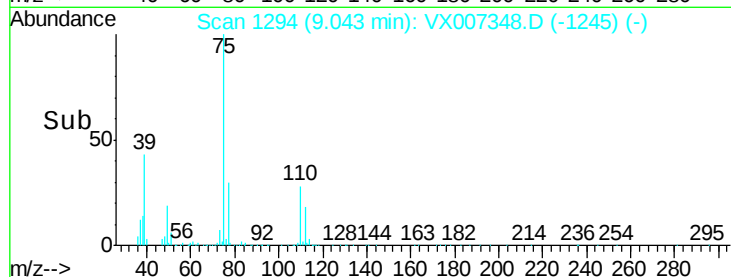
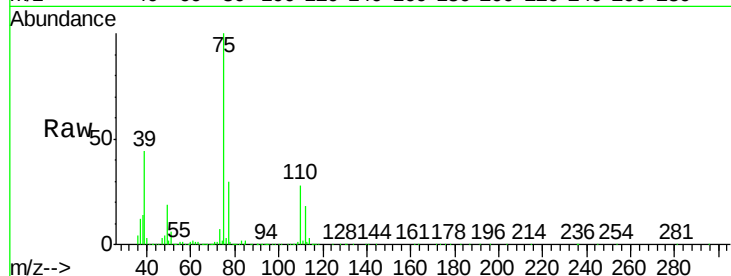
#53
t-1,3-Dichloropropene
Concen: 52.773 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.2	37.8

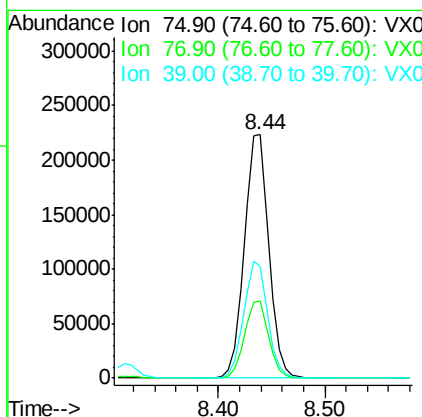
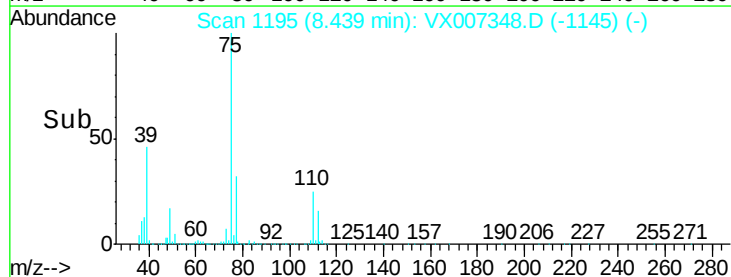
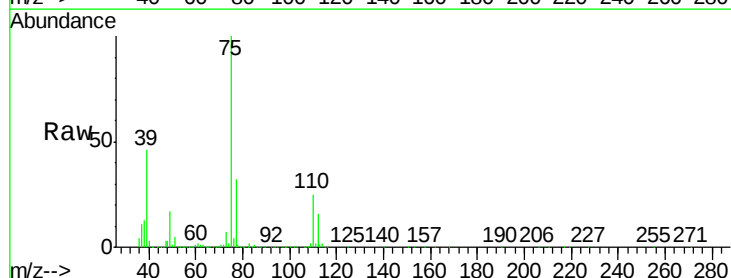
Manual Integrations
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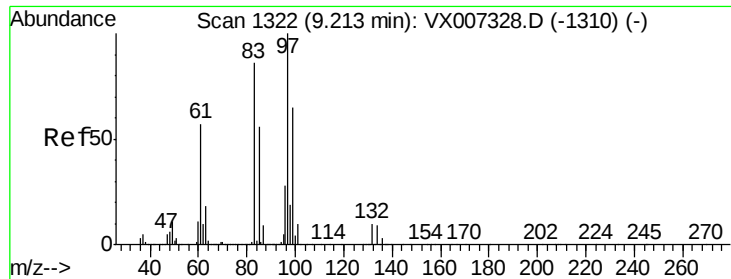
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2/4/2019 9:36:51 AM



#54
cis-1,3-Dichloropropene
Concen: 52.700 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.2	39.4
39	45.5	37.1	55.7





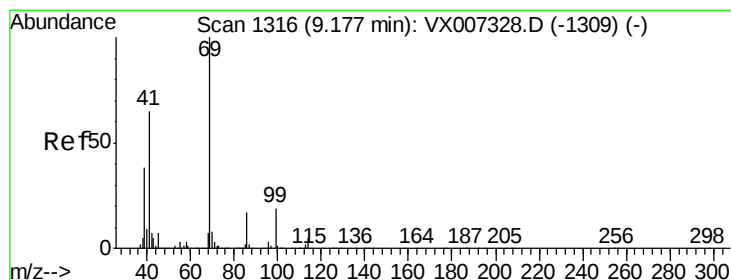
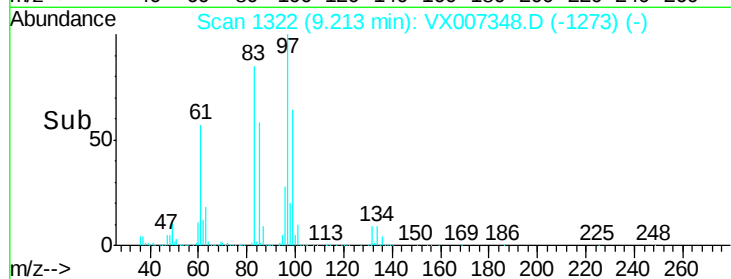
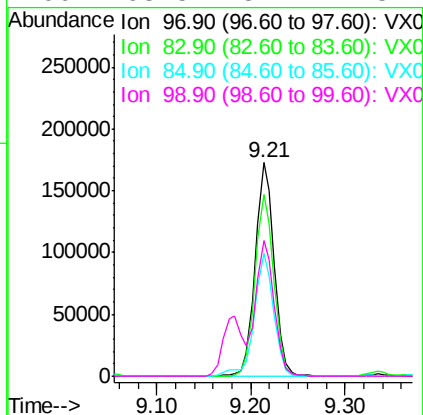
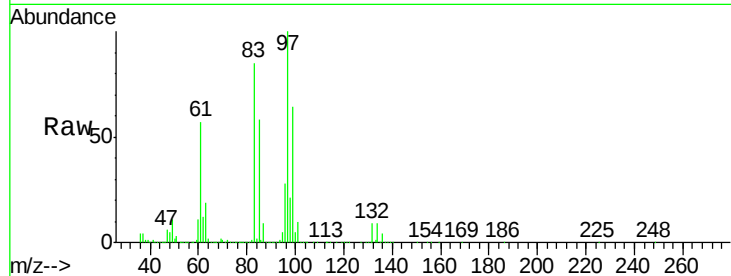
#55
1,1,2-Trichloroethane
Concen: 48.872 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		246430		
83	84.8	68.6	102.8		
85	57.7	44.5	66.7		
99	63.5	52.2	78.4		

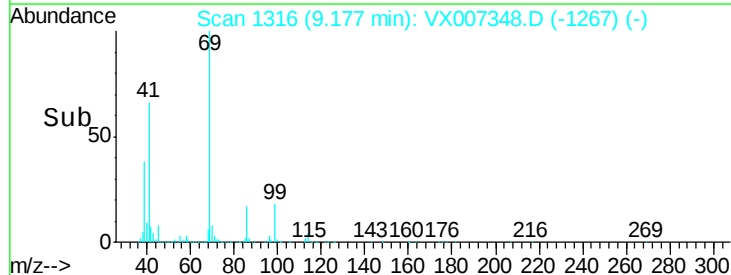
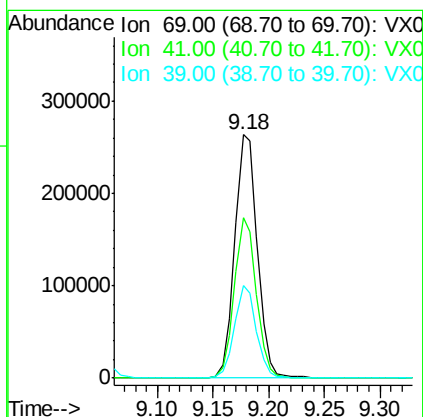
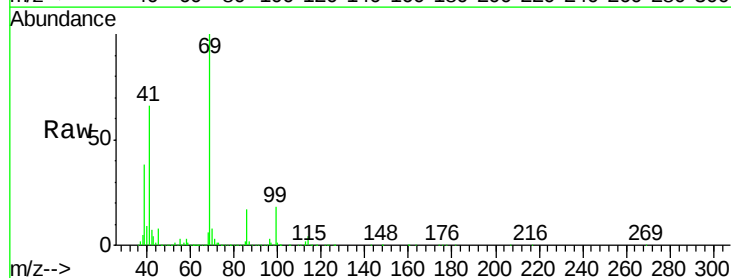
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#56
Ethyl methacrylate
Concen: 53.083 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		370718		
41	64.3	52.1	78.1		
39	36.4	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 49.933 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 400409

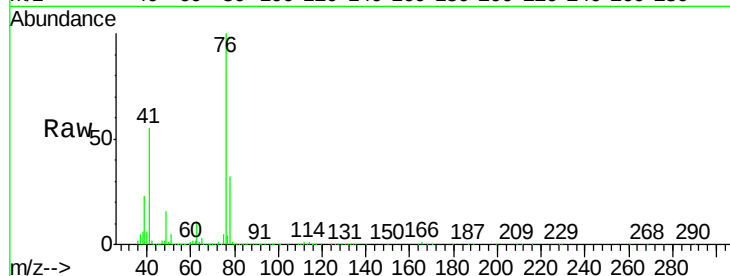
Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8

Manual Integrations
APPROVED

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

300000

250000

200000

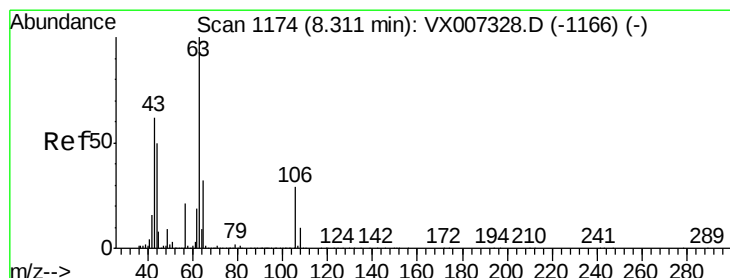
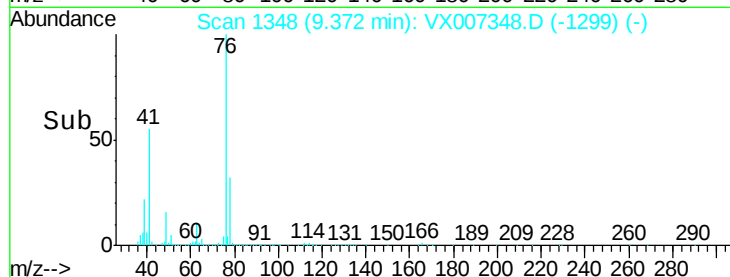
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 252.515 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007348.D

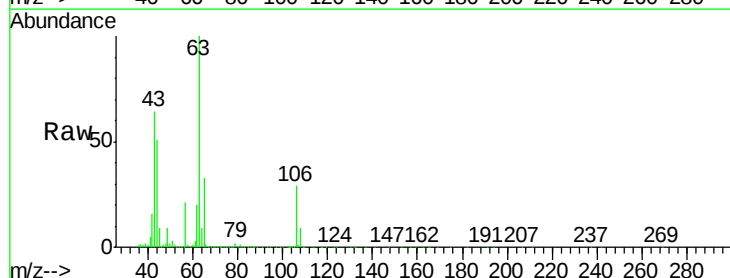
Acq: 01 Feb 2019 20:26

Tgt Ion: 63 Resp: 929508

Ion Ratio Lower Upper

63 100

106 29.9 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

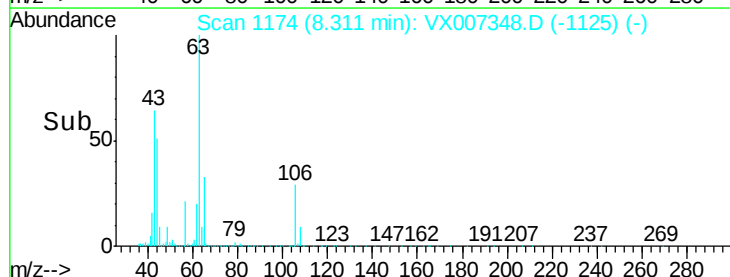
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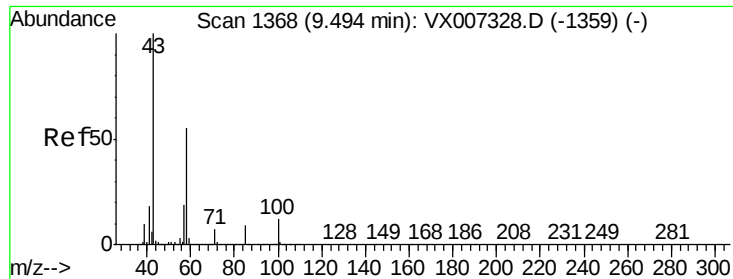
400000

200000

0

Time-->





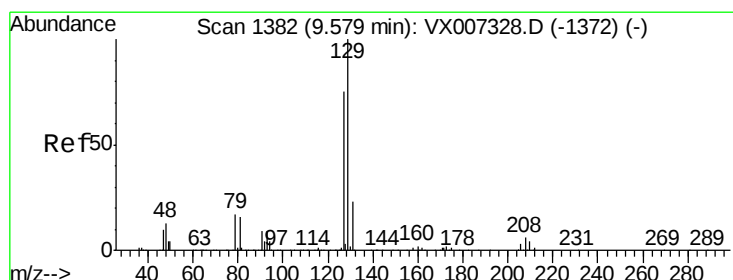
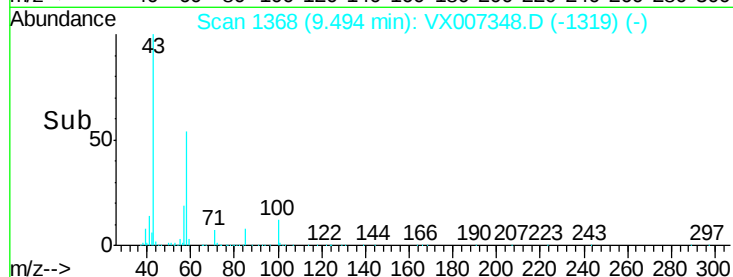
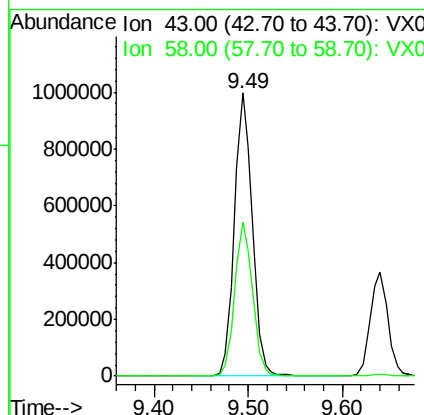
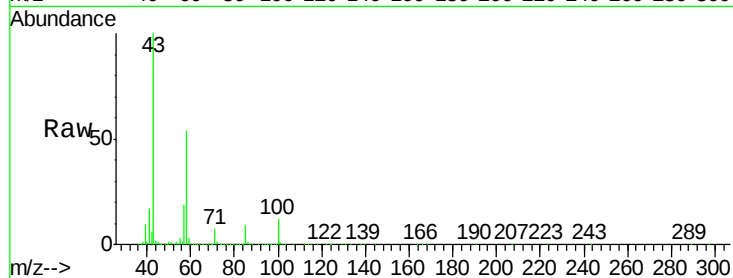
#59
2-Hexanone
Concen: 258.810 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1316668
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3

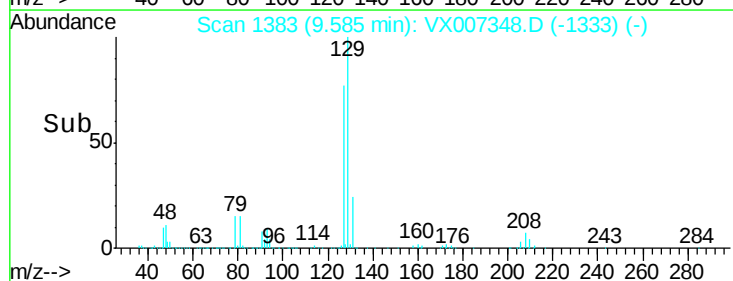
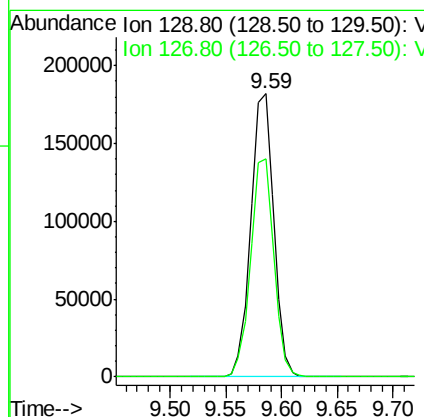
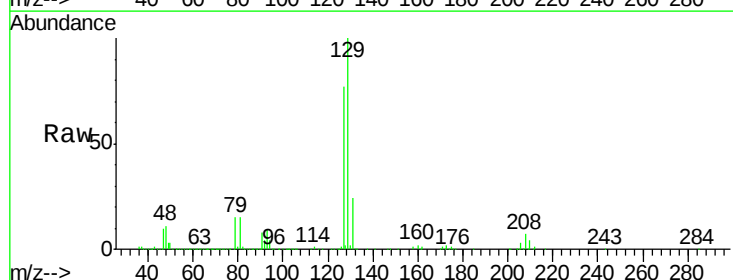
Manual Integrations
APPROVED

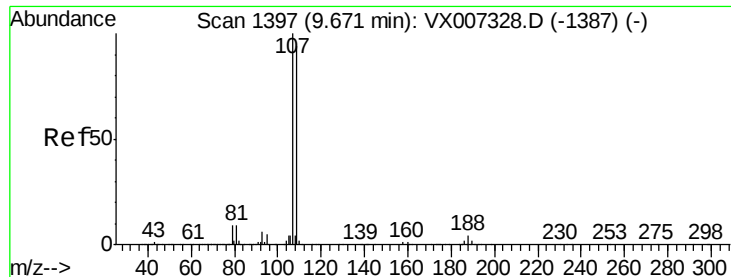
MMDadoda
2/4/2019 9:36:51 AM



#60
Dibromochloromethane
Concen: 55.155 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion: 129 Resp: 263026
Ion Ratio Lower Upper
129 100
127 77.8 37.8 113.4





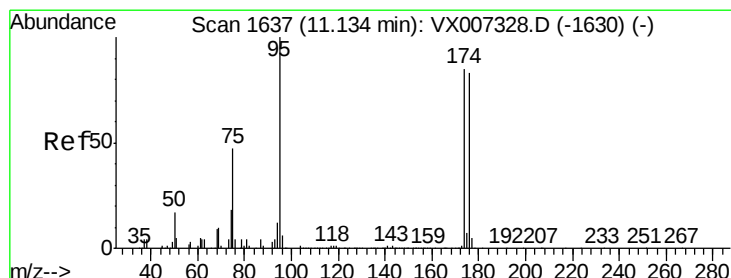
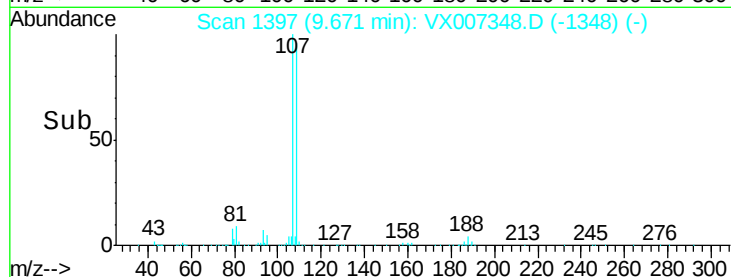
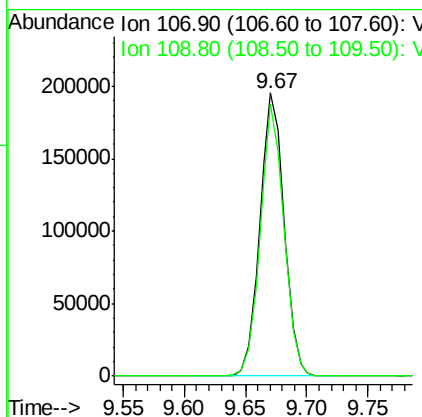
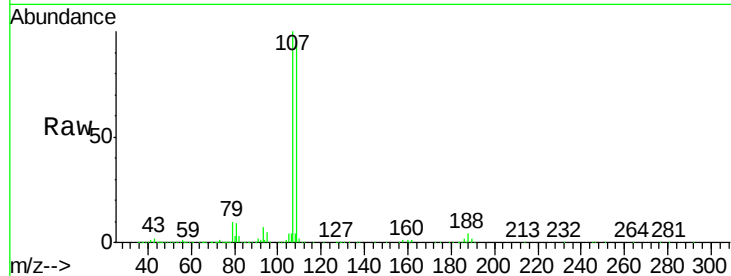
#61
 1,2-Dibromoethane
 Concen: 50.833 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.1	112.7

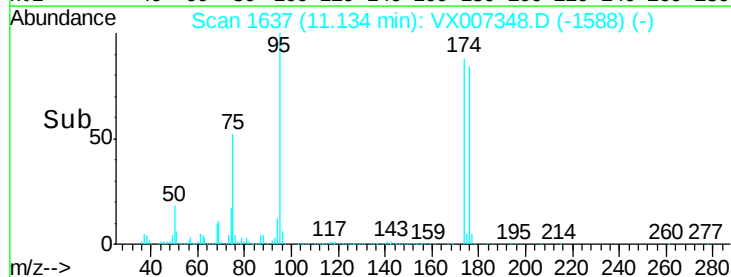
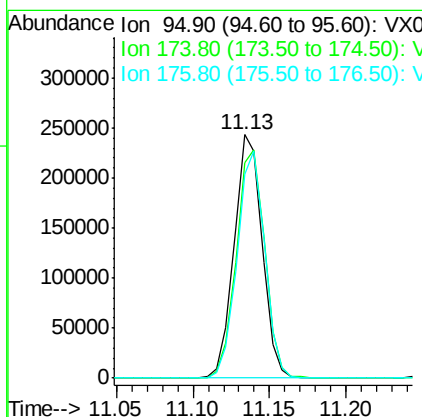
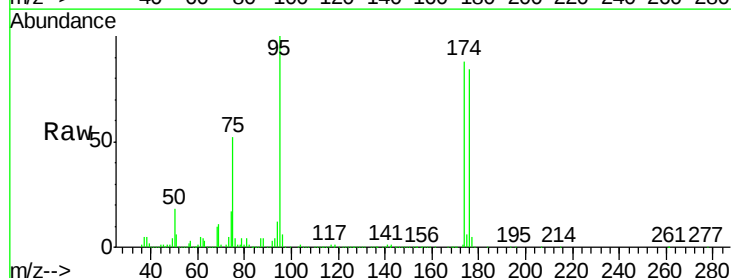
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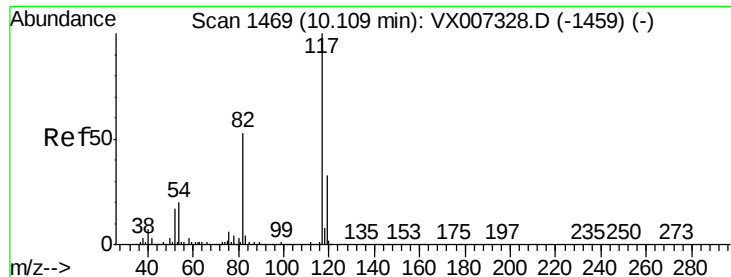
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 2/4/2019 9:36:51 AM



#62
 4-Bromofluorobenzene
 Concen: 49.361 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	189.2
176	92.0	0.0	186.2





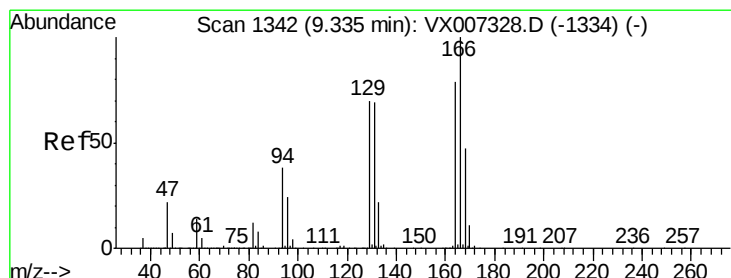
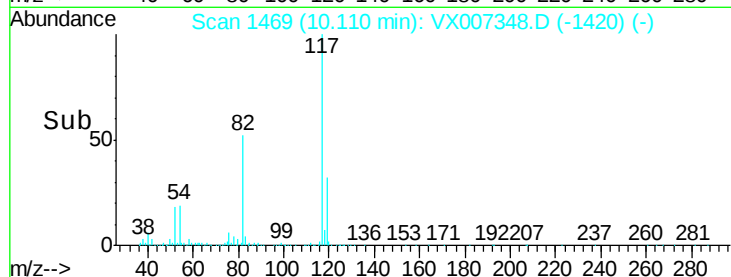
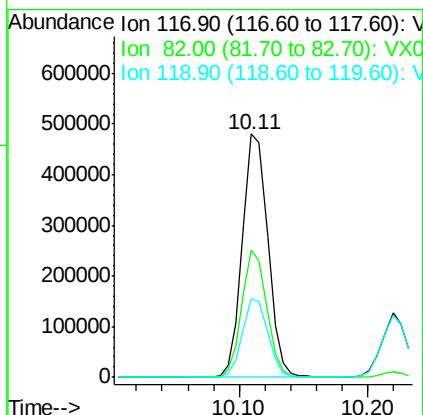
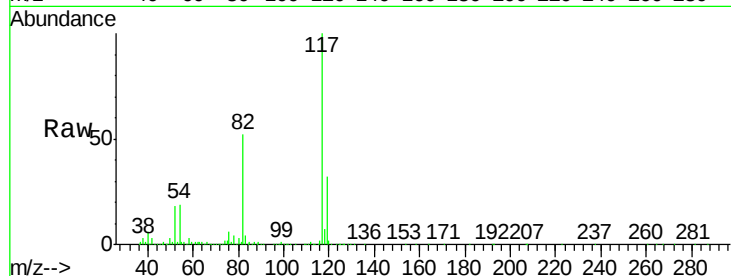
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.1	63.1
119	32.2	26.5	39.7

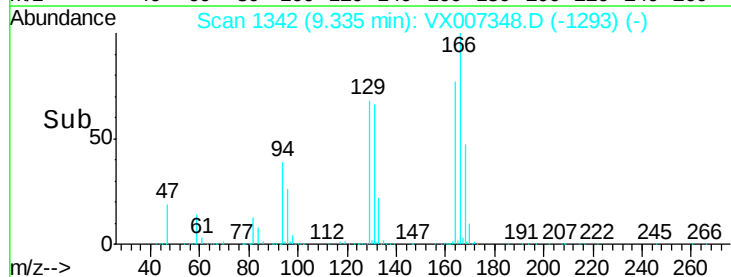
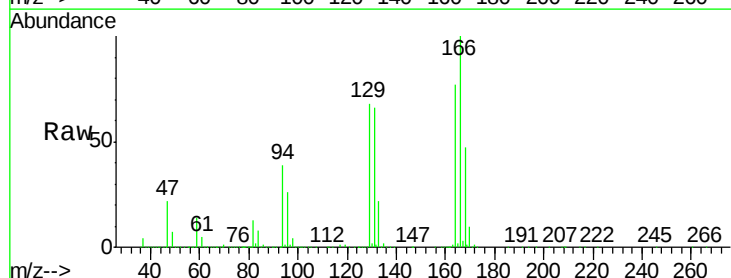
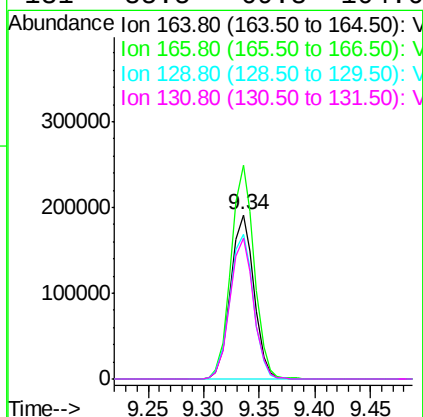
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#64
Tetrachloroethene
Concen: 44.731 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	101.0	151.4
129	88.3	70.5	105.7
131	85.5	69.8	104.6





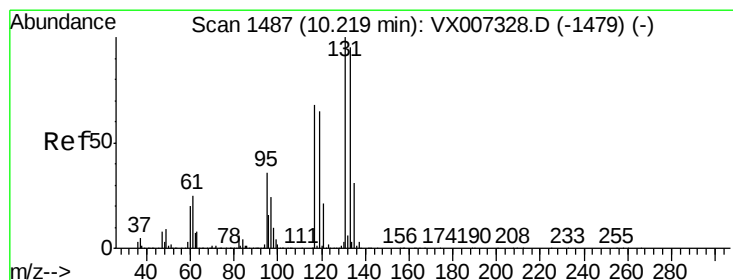
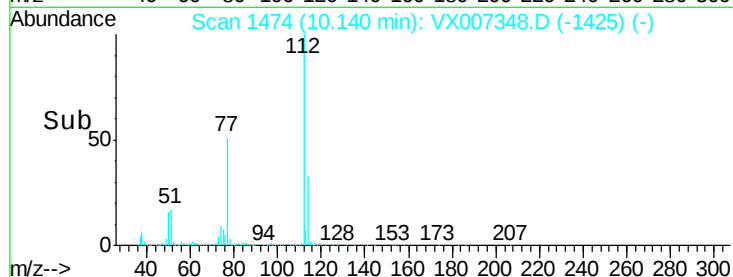
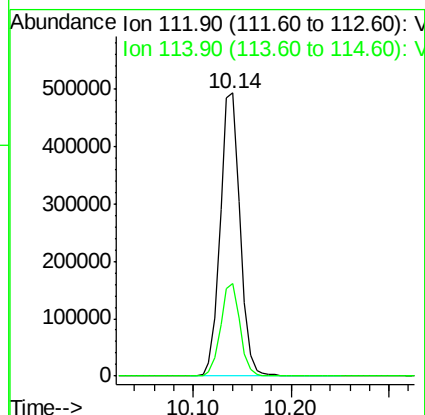
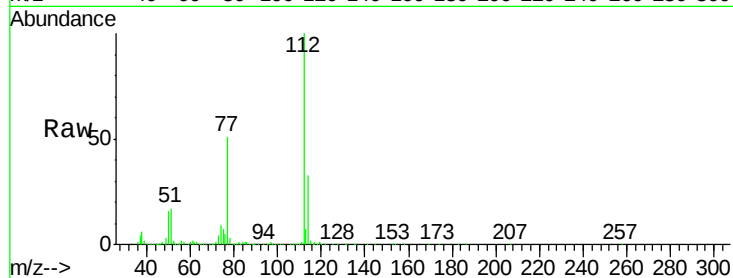
#65
Chlorobenzene
Concen: 47.921 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 690535
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

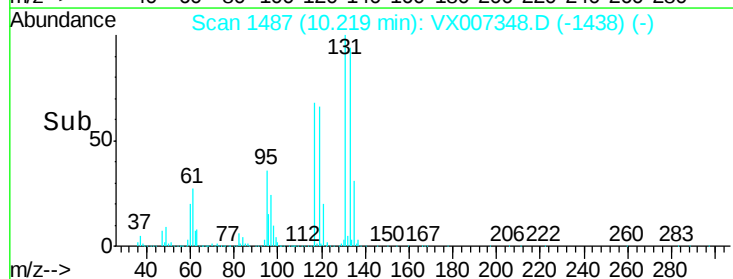
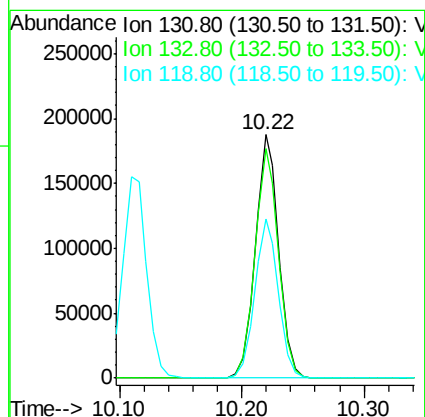
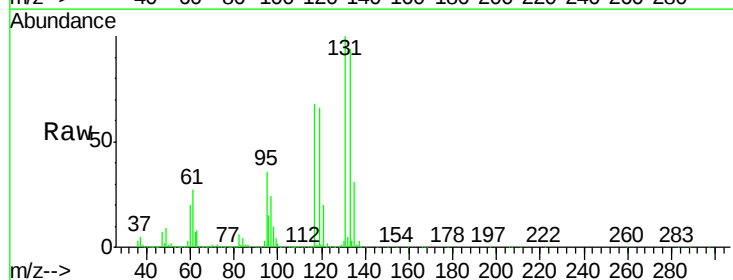
Manual Integrations
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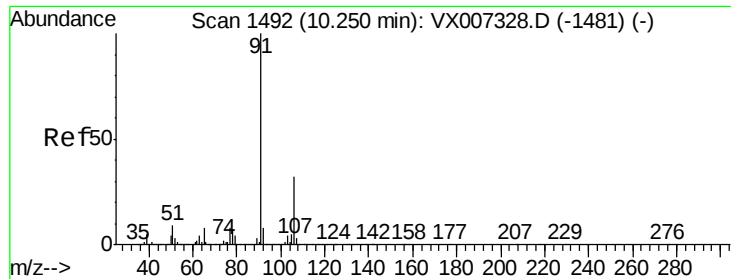
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.534 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion:131 Resp: 248972
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 66.1 32.0 96.0





#67

Ethyl Benzene

Concen: 49.601 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1151006

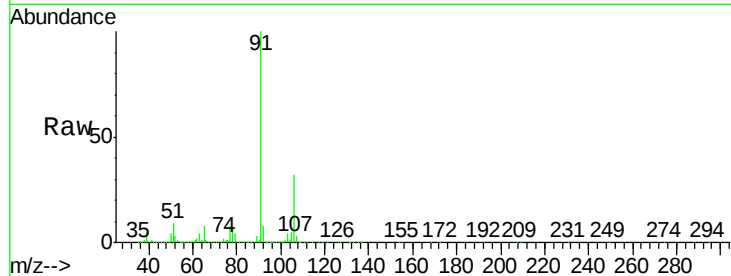
Ion Ratio Lower Upper

91 100

106 32.1 25.4 38.0

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Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1481) (-)

Ion 106.00 (105.70 to 106.70): VX007328.D (-1481) (-)

1500000

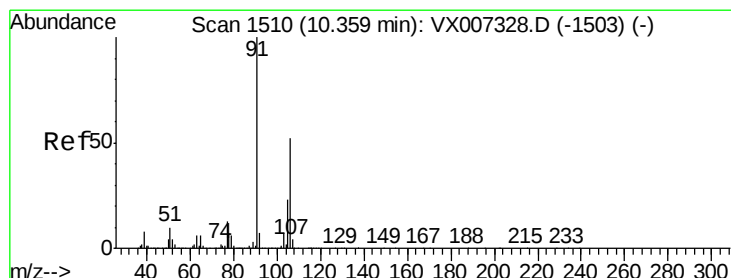
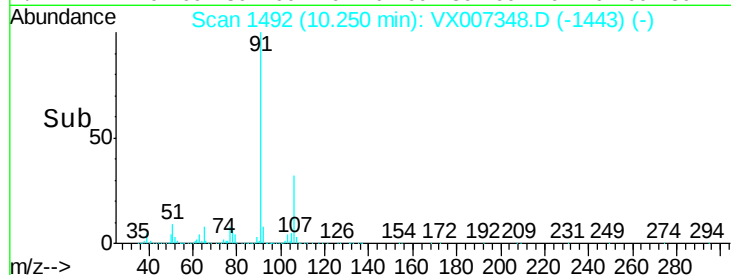
1000000

500000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 98.802 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007348.D

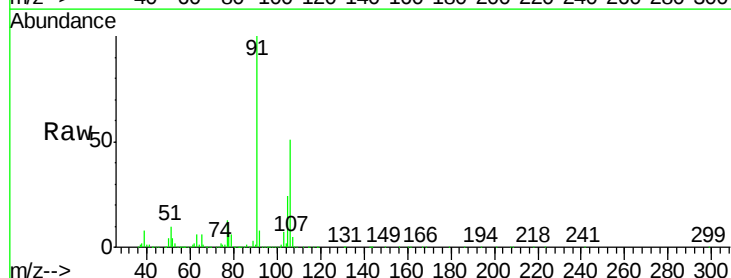
Acq: 01 Feb 2019 20:26

Tgt Ion: 106 Resp: 911394

Ion Ratio Lower Upper

106 100

91 197.1 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): VX007328.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX007328.D (-1503) (-)

1500000

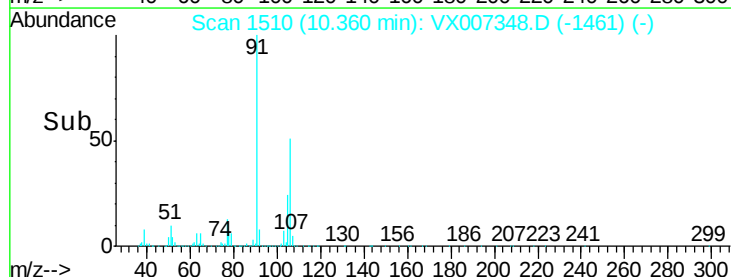
1000000

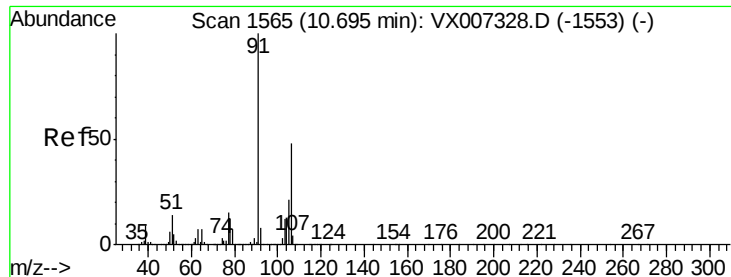
500000

0

10.30 10.36 10.40 10.50

Time-->





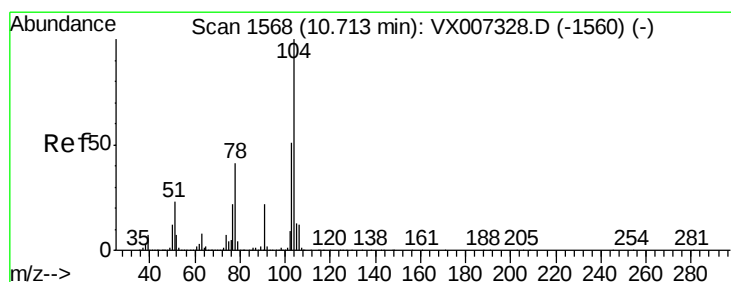
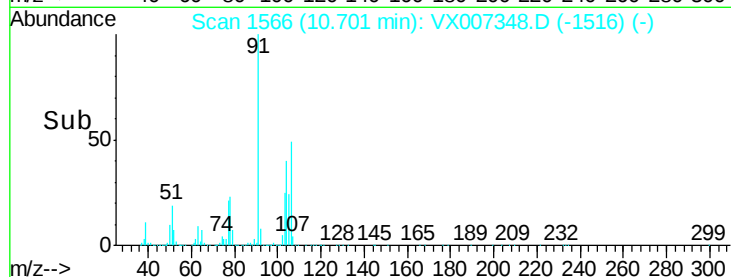
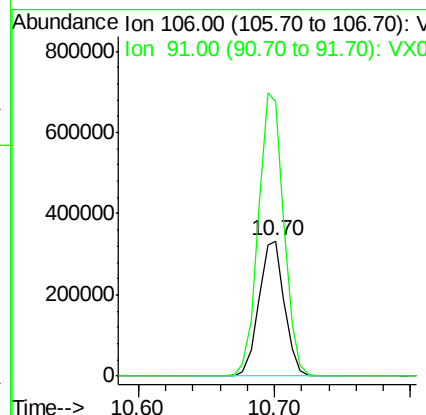
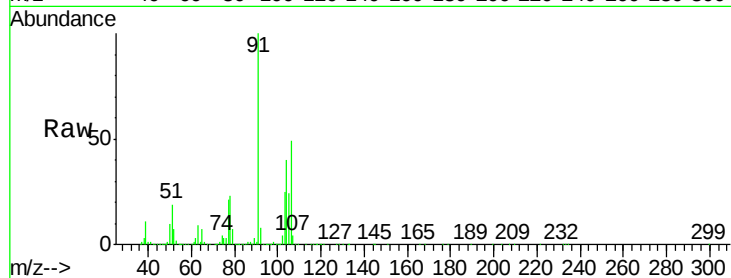
#69
o-Xylene
Concen: 49.477 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.3	102.9	308.7

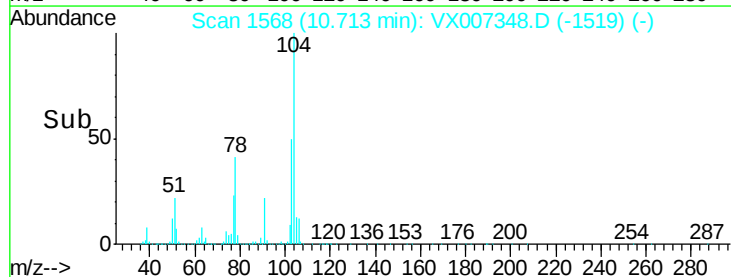
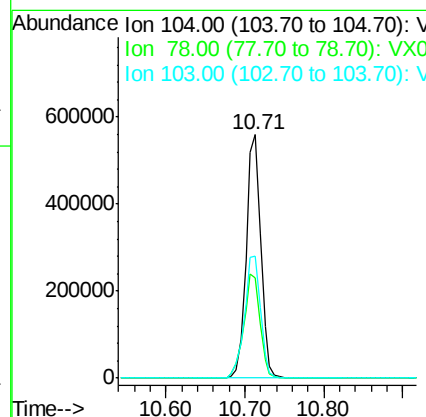
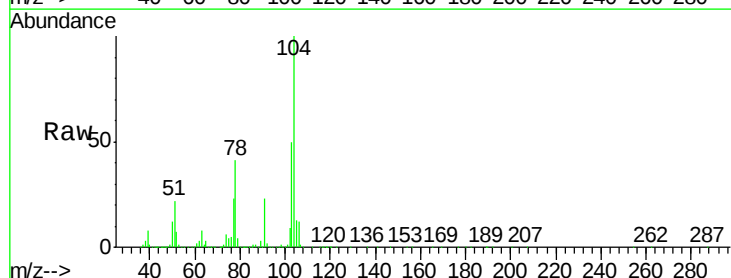
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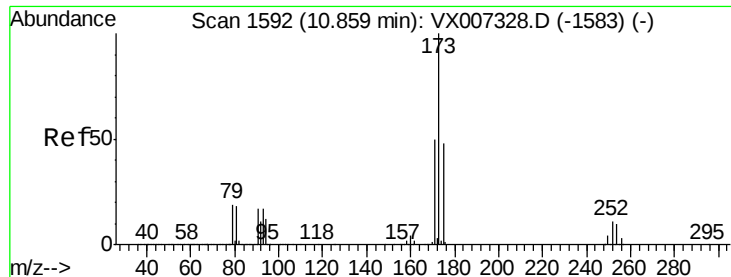
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#70
Styrene
Concen: 50.017 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.6	38.3	57.5
103	55.4	44.6	67.0





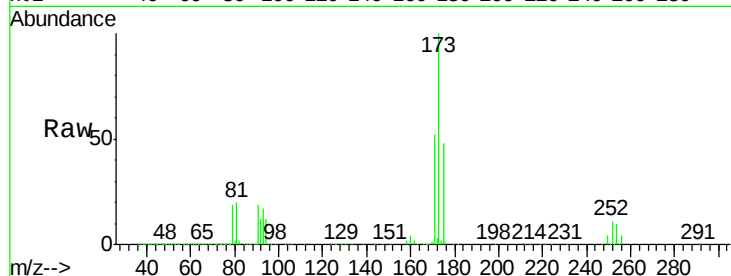
#71
Bromoform
Concen: 47.844 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.2	72.6
254	0.1	0.2	0.2

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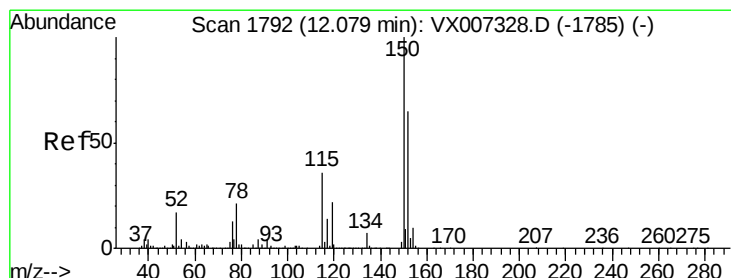
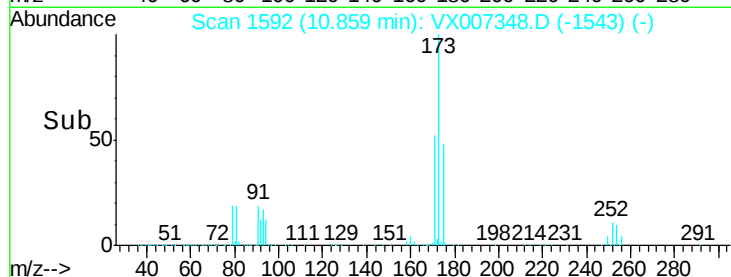
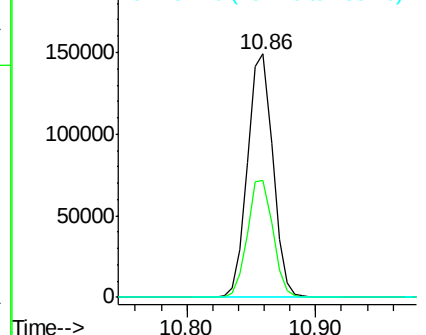


Abundance

Ion 172.70 (172.40 to 173.40): V

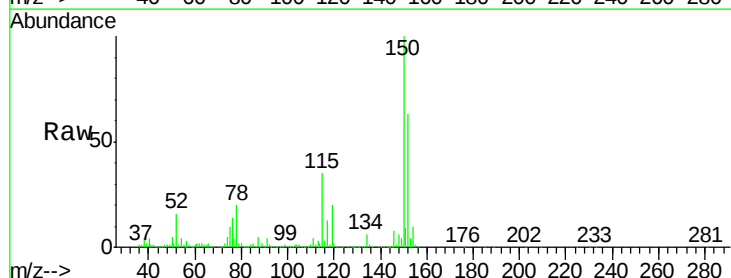
Ion 174.70 (174.40 to 175.40): V

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: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.8	38.0	114.0
150	174.2	0.0	346.4

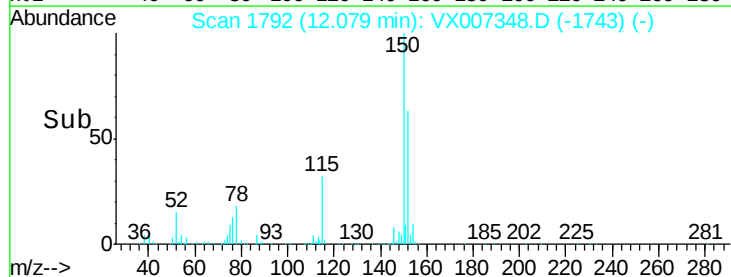
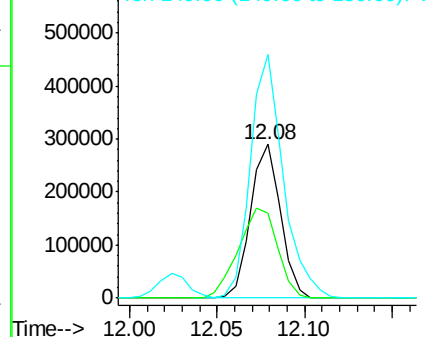


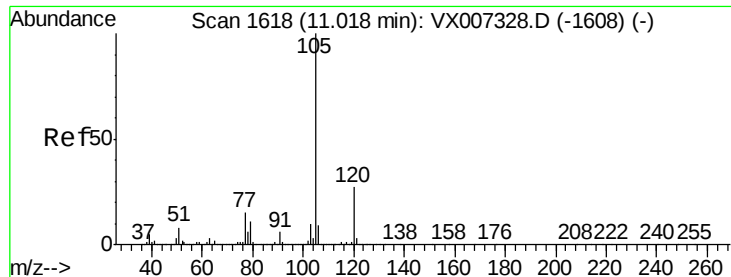
Abundance

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: 49.876 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1167966

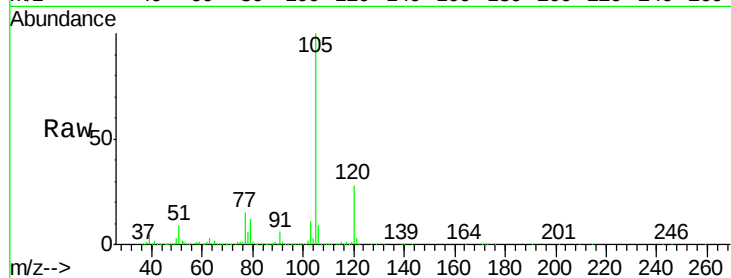
Ion Ratio Lower Upper

105 100

120 27.9 13.6 40.7

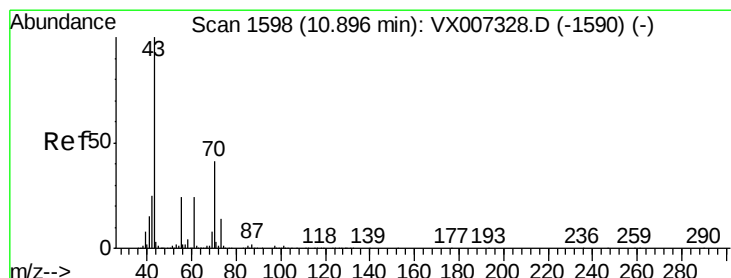
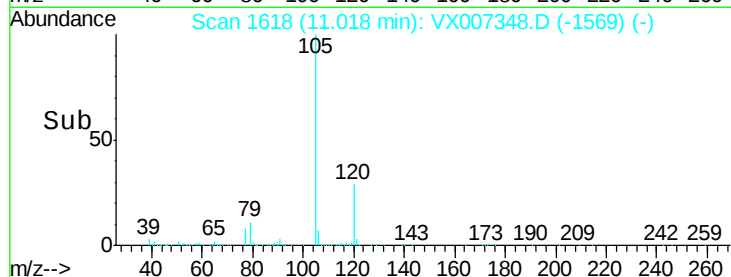
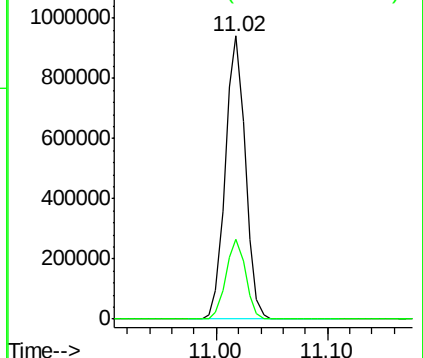
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.808 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Tgt Ion: 43 Resp: 469250

Ion Ratio Lower Upper

43 100

70 42.6 33.8 50.6

55 24.3 19.5 29.3

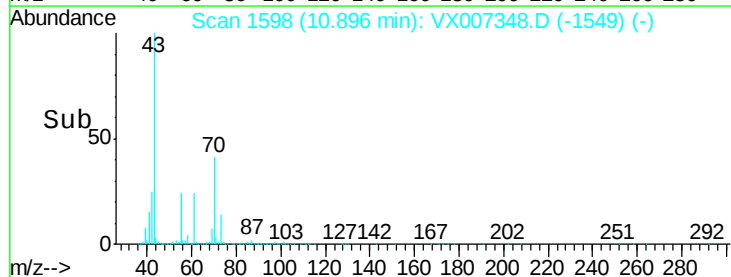
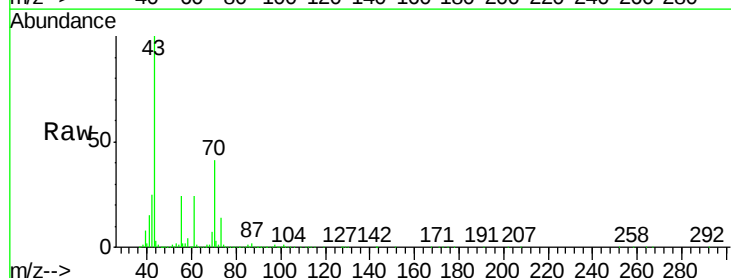
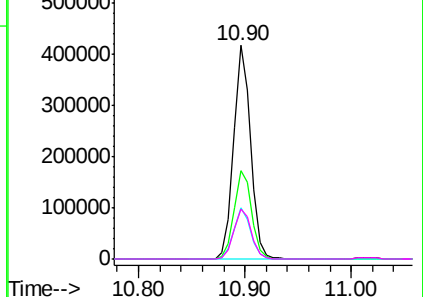
61 24.2 19.4 29.2

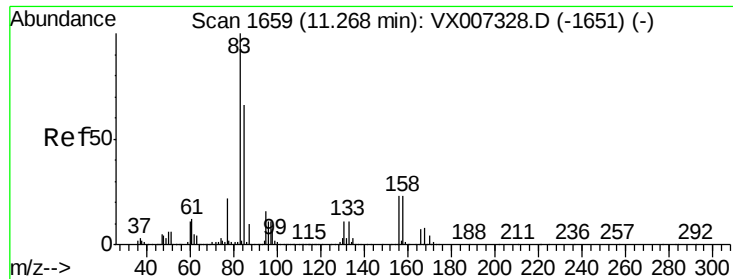
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.703 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 354717
Ion Ratio Lower Upper

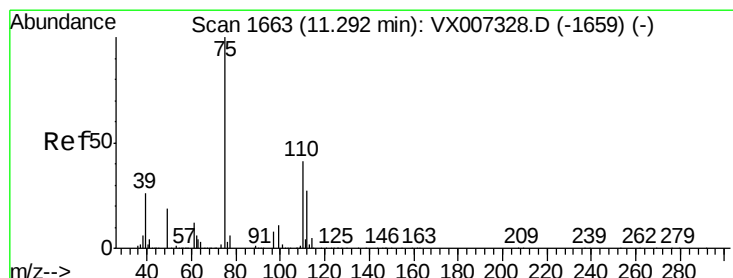
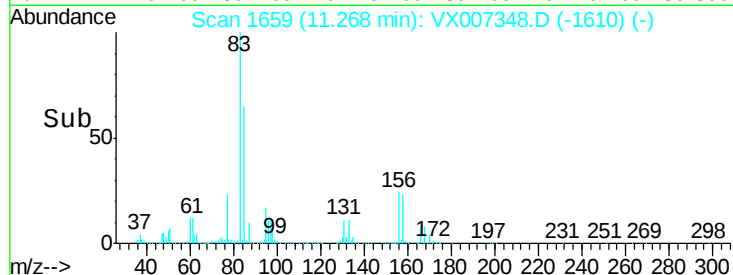
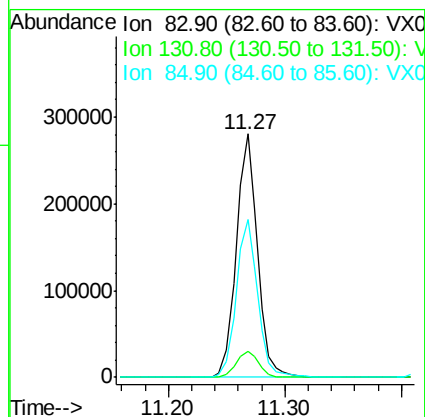
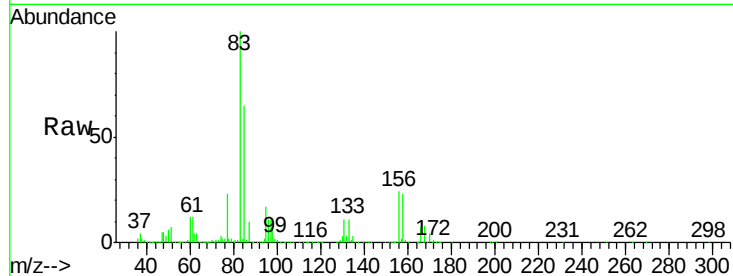
83 100

131 11.5 5.7 17.0

85 65.1 32.8 98.3

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#76

1,2,3-Trichloropropane

Concen: 50.997 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

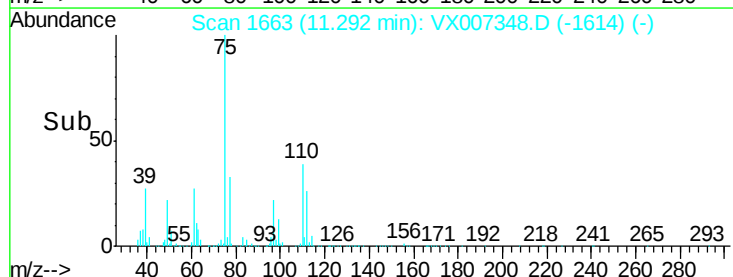
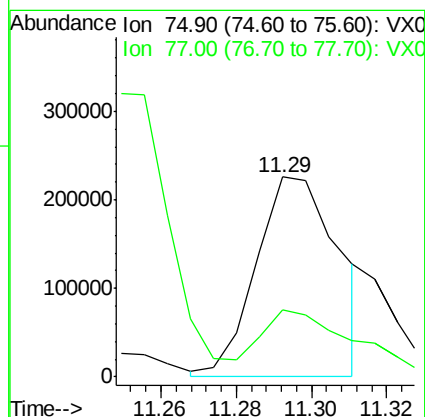
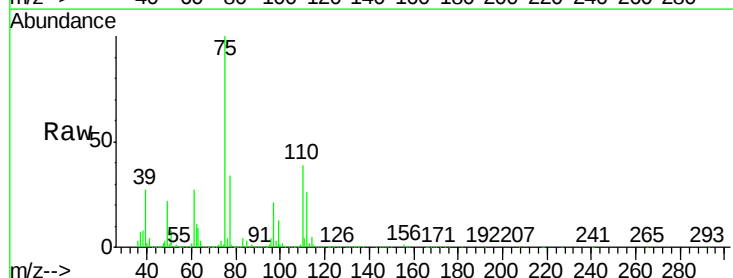
Lab File: VX007348.D

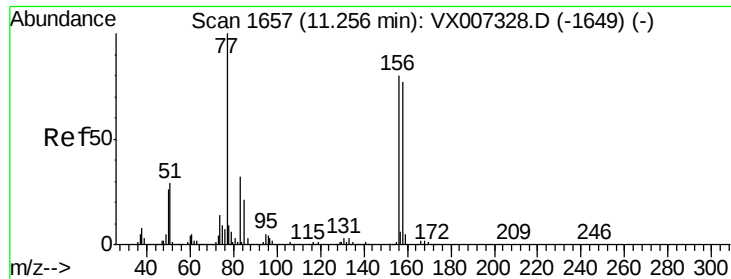
Acq: 01 Feb 2019 20:26

Tgt Ion: 75 Resp: 341828
Ion Ratio Lower Upper

75 100

77 37.6 23.0 69.0





#77

Bromobenzene

Concen: 48.037 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

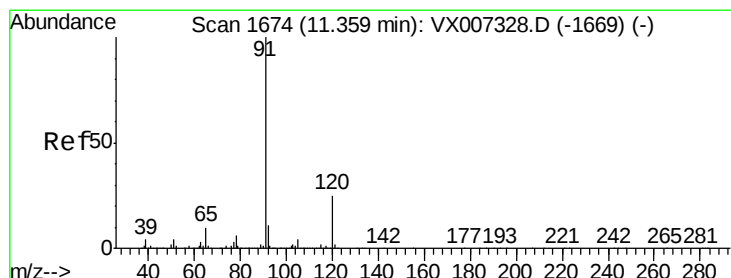
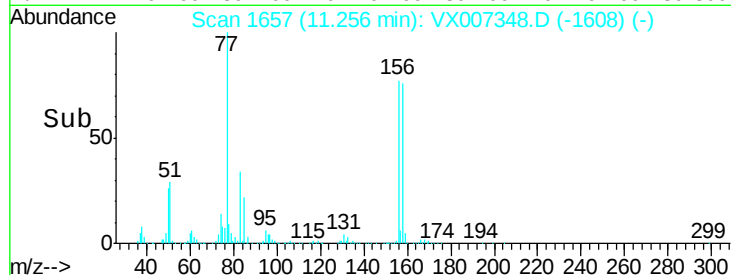
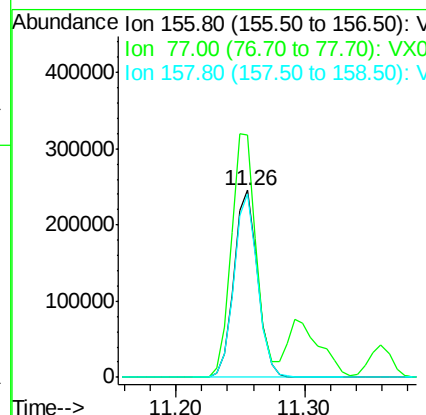
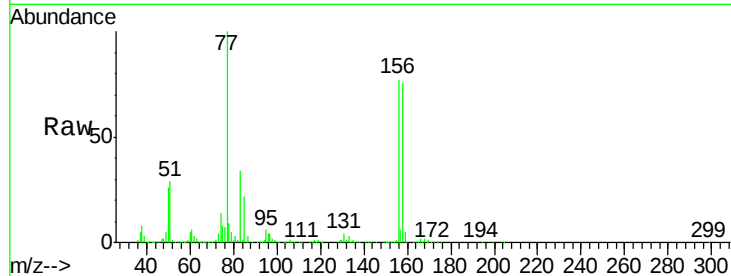
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.9	66.8	200.6
158	97.7	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 51.362 ug/l

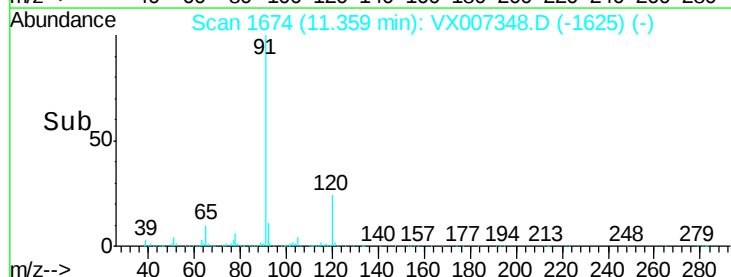
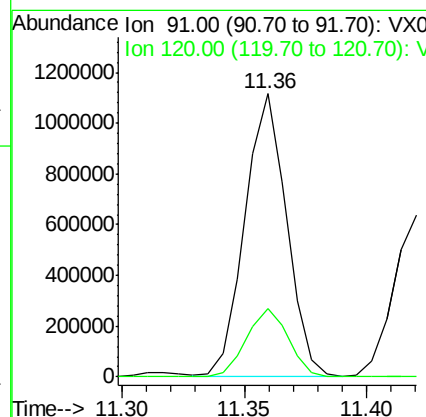
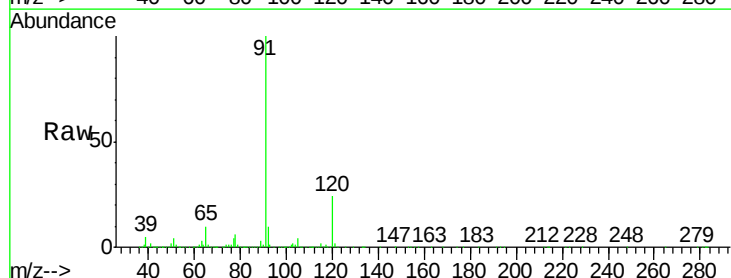
RT: 11.36 min Scan# 1674

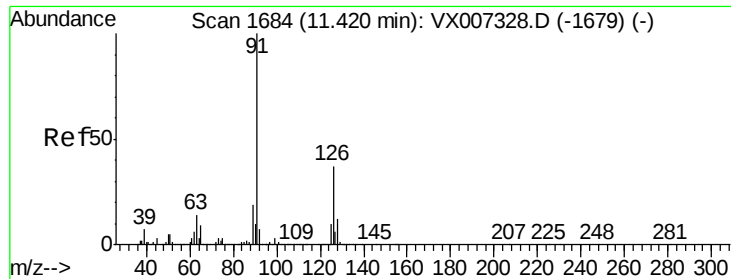
Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.4	37.2





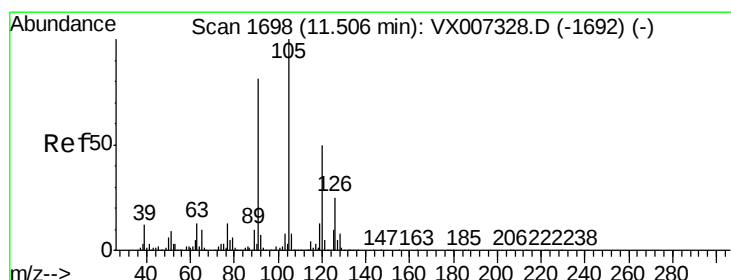
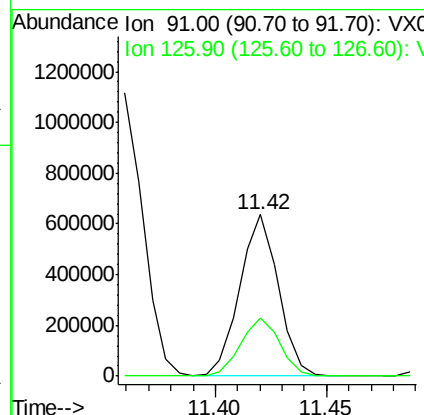
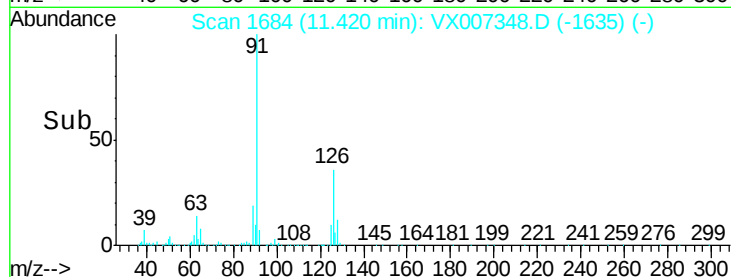
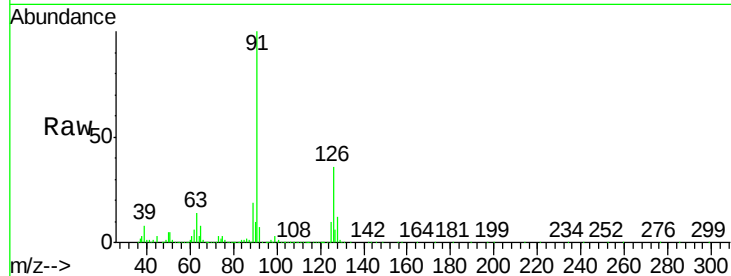
#79
 2-Chlorotoluene
 Concen: 49.081 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 764744
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.7 56.1

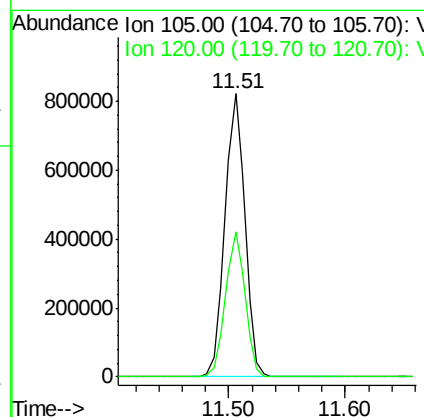
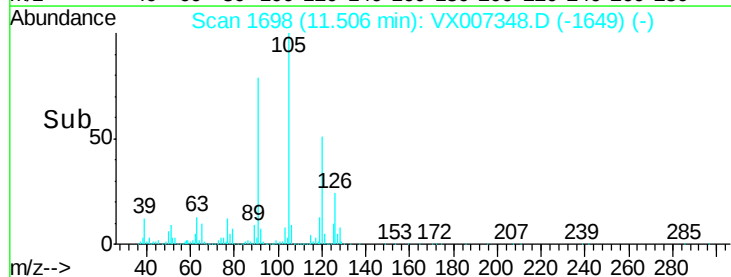
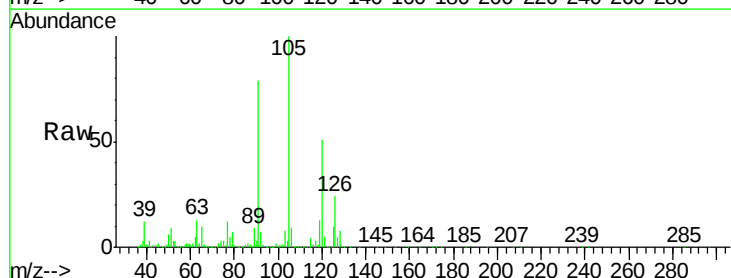
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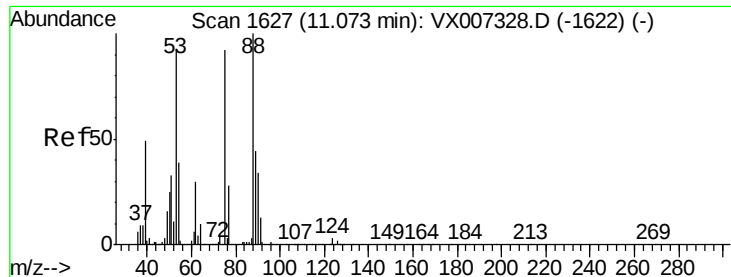
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 2/4/2019 9:36:51 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.575 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion: 105 Resp: 968923
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.3 75.8





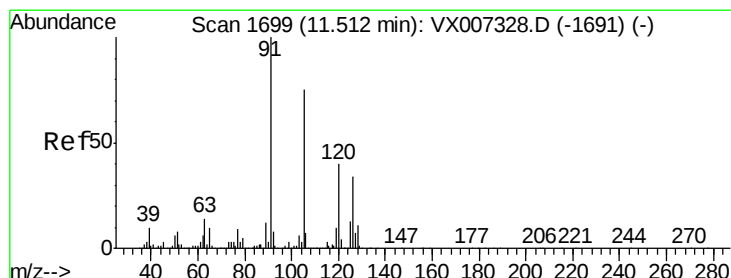
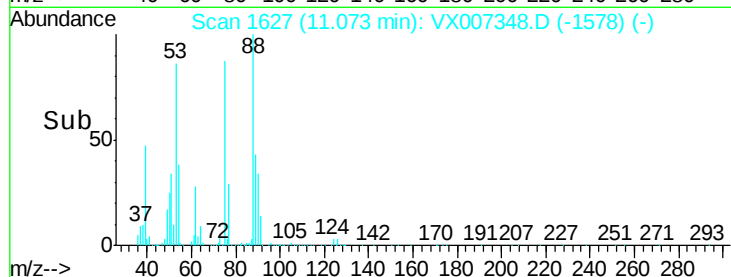
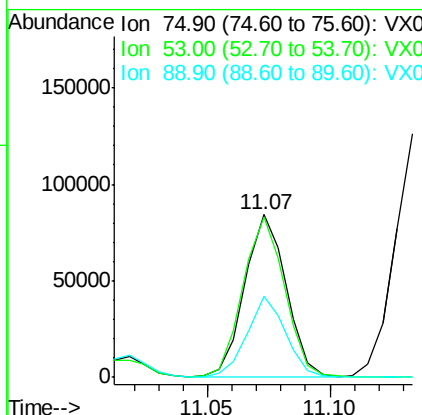
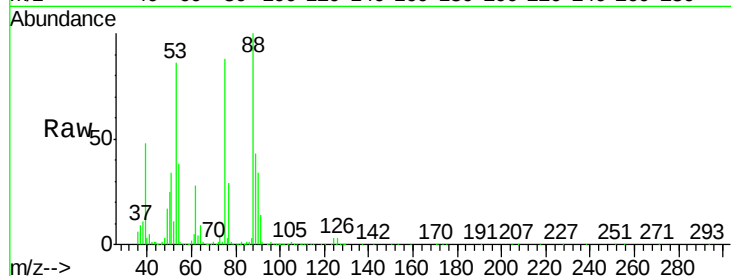
#81
trans-1,4-Dichloro-2-butene
Concen: 46.393 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.7	81.0	121.6
89	46.7	41.4	62.0

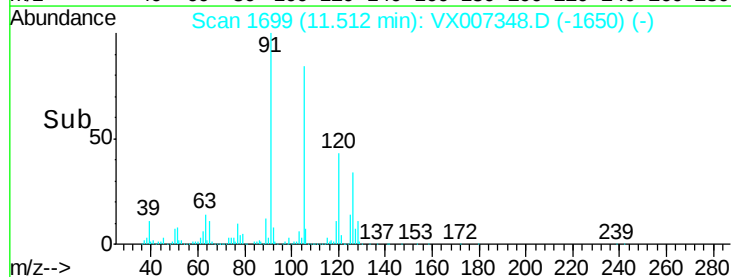
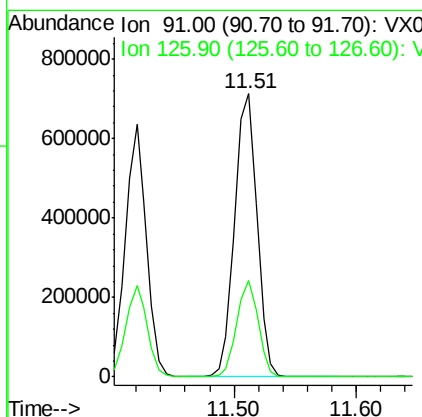
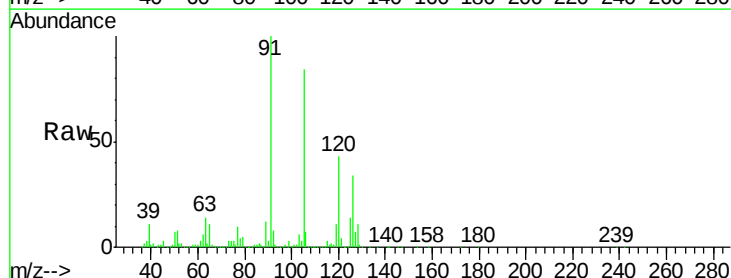
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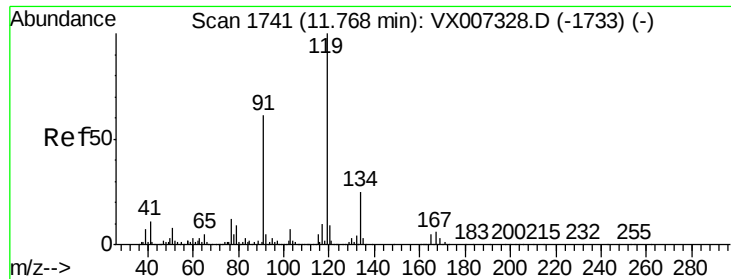
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.689 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.2	48.5





#83

tert-Butylbenzene

Concen: 50.212 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

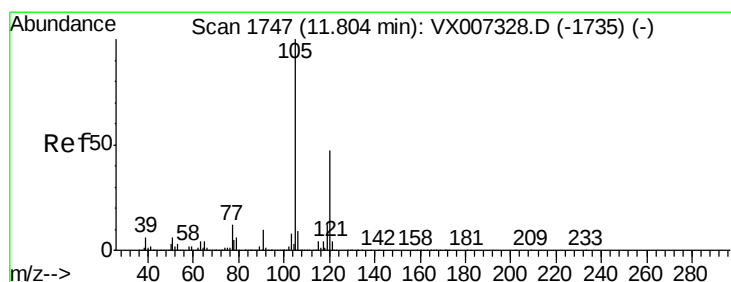
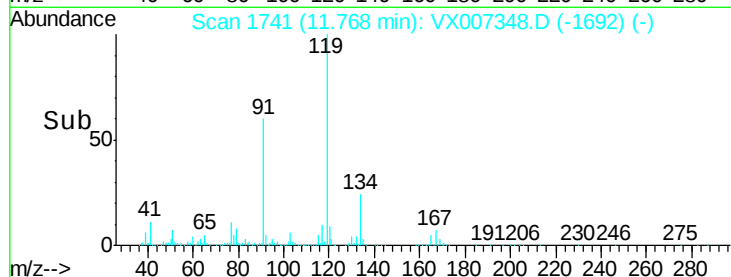
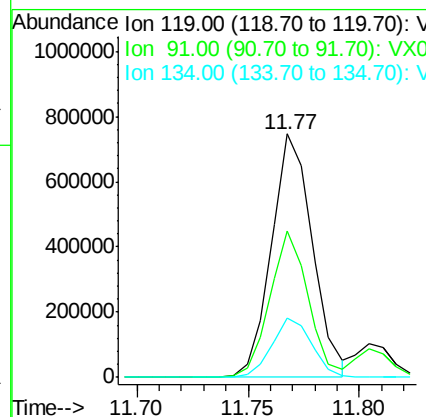
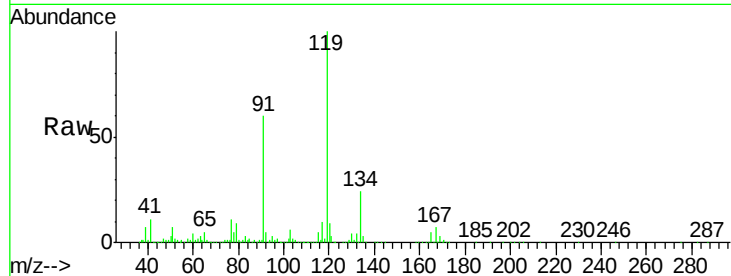
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	952409
Ion Ratio	Lower	Upper	
119	100		
91	56.2	28.5	85.6
134	23.8	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 50.682 ug/l

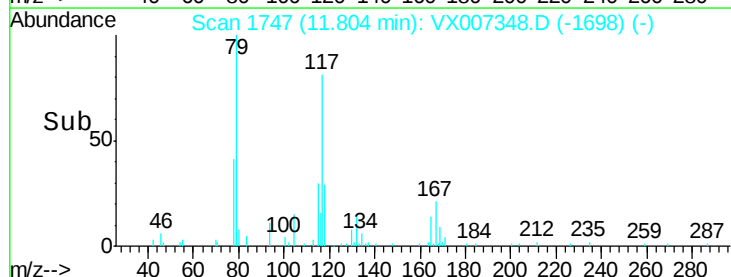
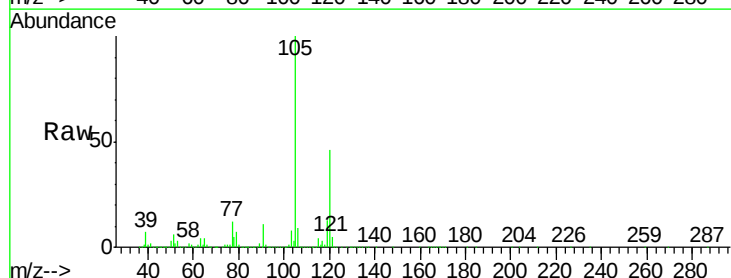
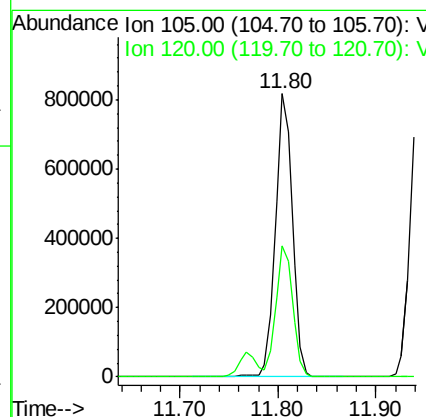
RT: 11.80 min Scan# 1747

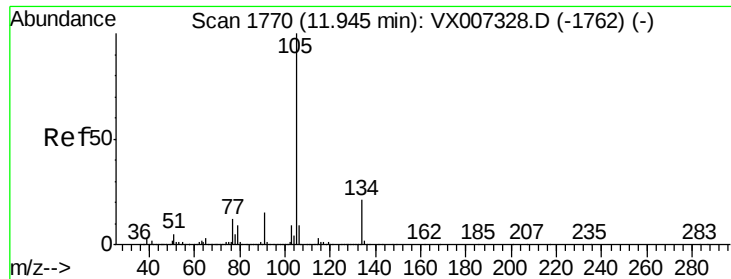
Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Tgt Ion:	105	Resp:	985776
Ion Ratio	Lower	Upper	
105	100		
120	45.6	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.691 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1163712

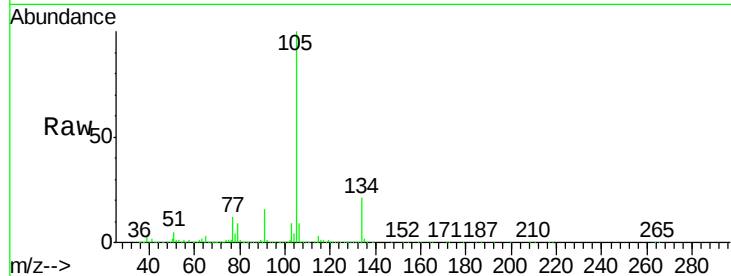
Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8

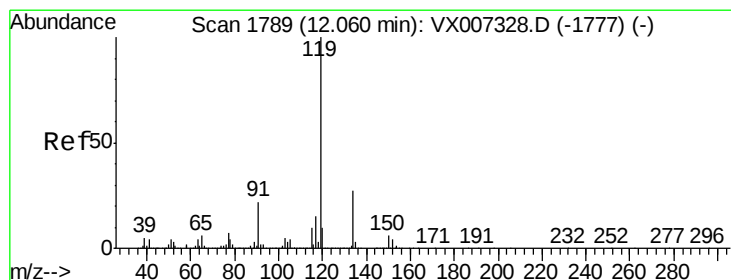
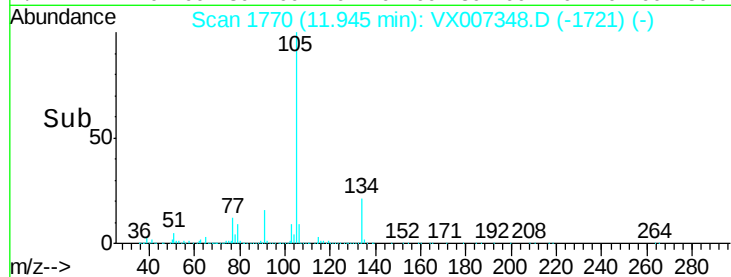
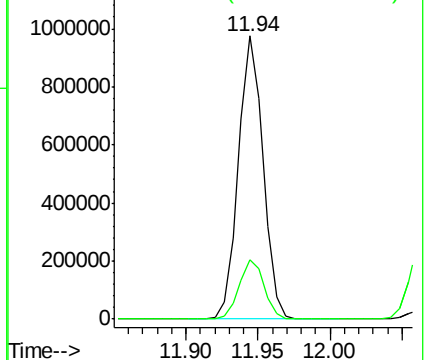
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.676 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

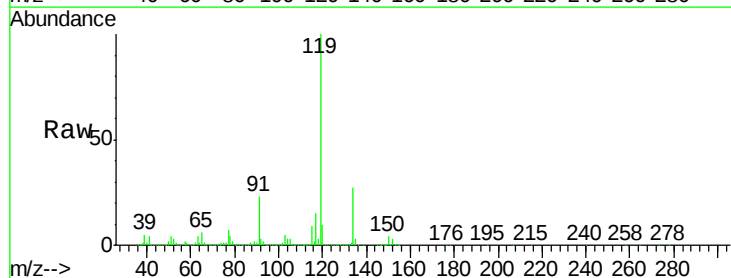
Tgt Ion:119 Resp: 1050175

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

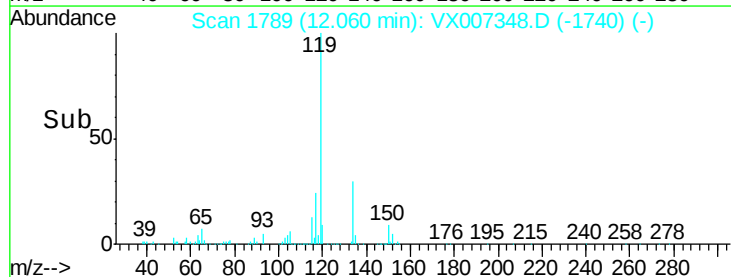
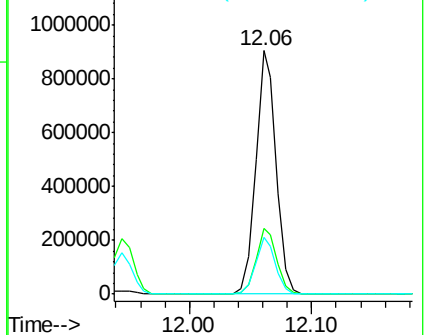
91 22.7 11.2 33.5

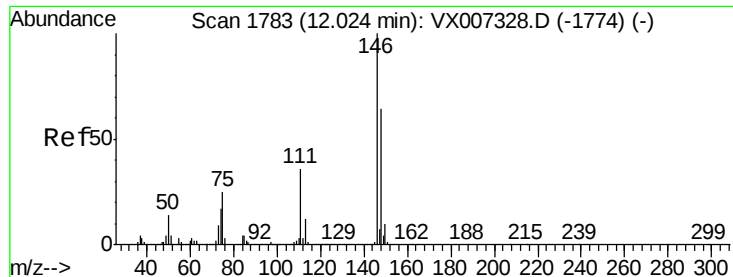


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





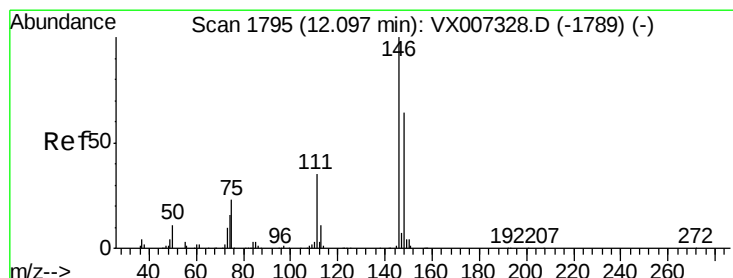
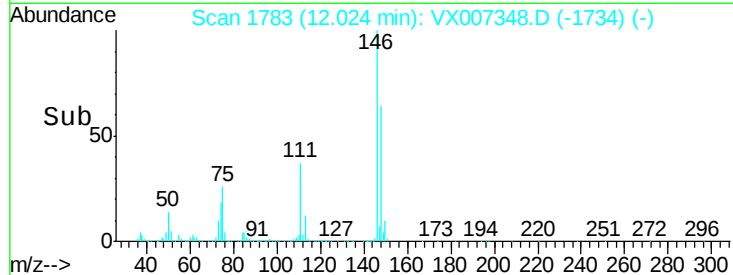
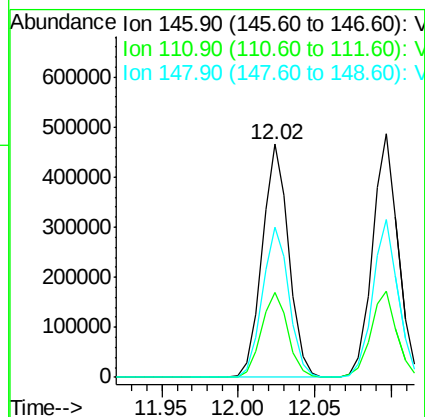
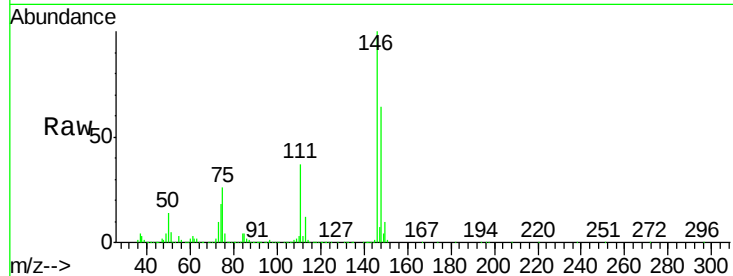
#87
 1,3-Dichlorobenzene
 Concen: 47.649 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	64.4	32.0	96.2

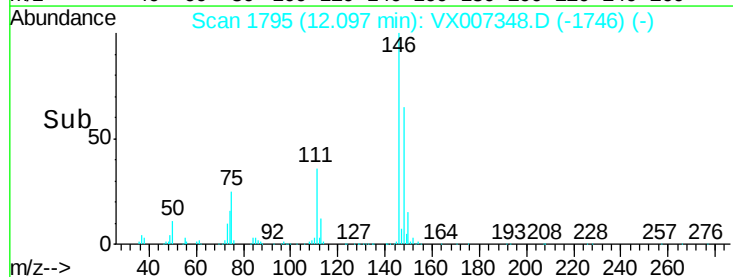
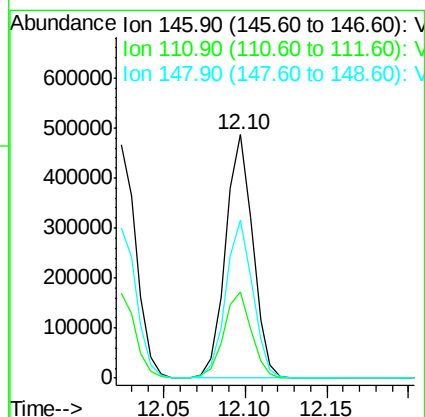
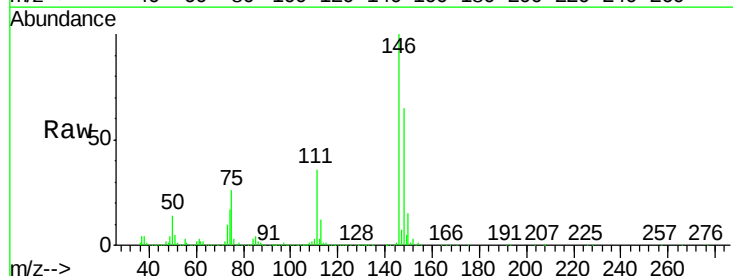
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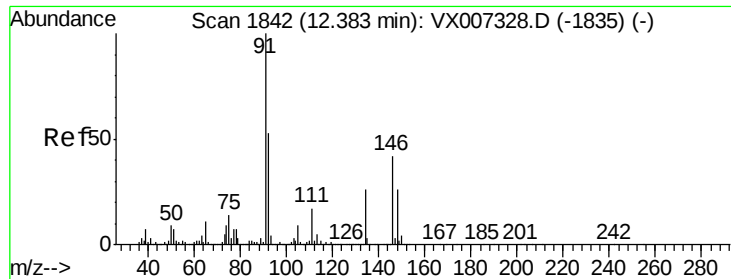
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#88
 1,4-Dichlorobenzene
 Concen: 46.852 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.1
148	64.5	32.3	96.9





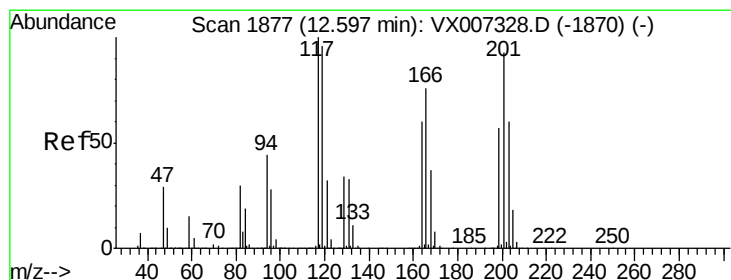
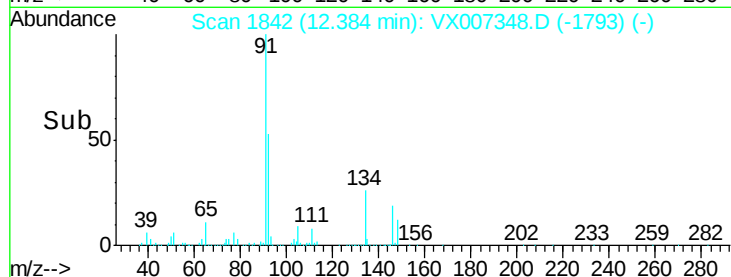
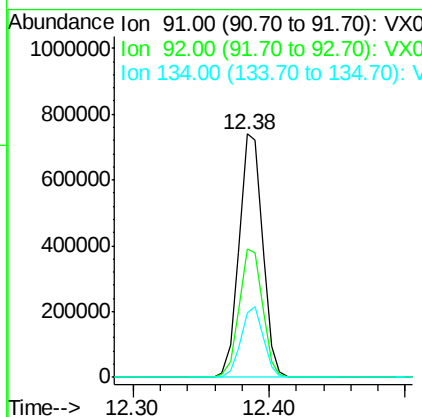
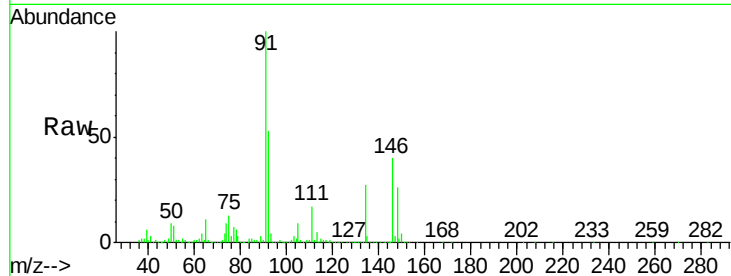
#89
n-Butylbenzene
Concen: 50.024 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

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

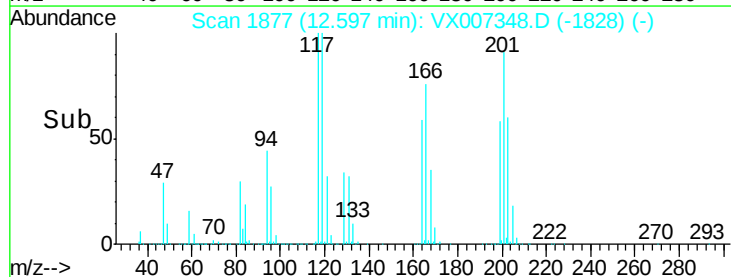
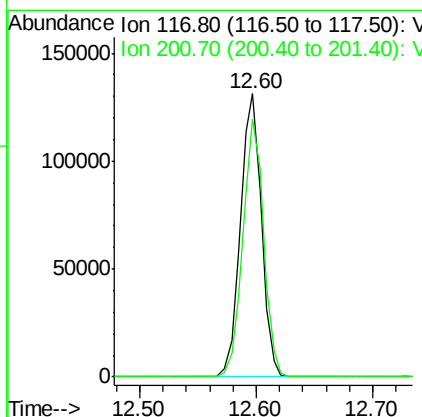
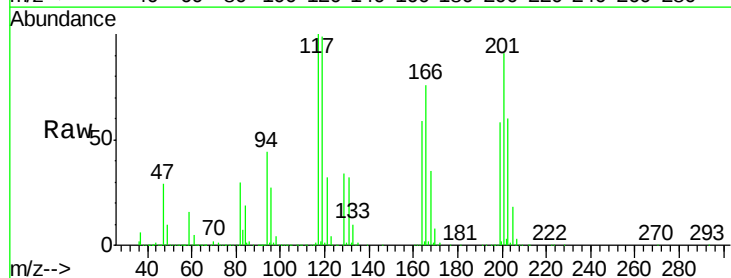
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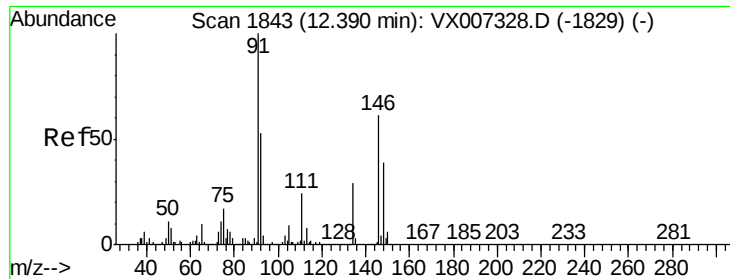
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#90
Hexachloroethane
Concen: 53.160 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.1	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 47.147 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

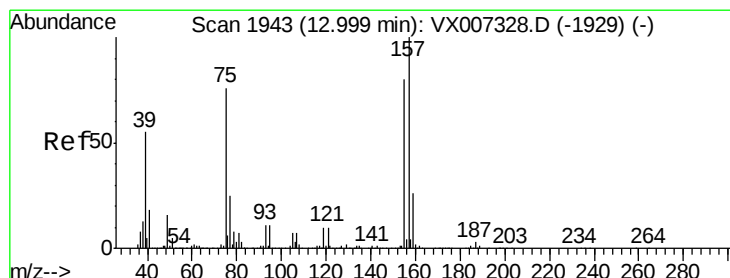
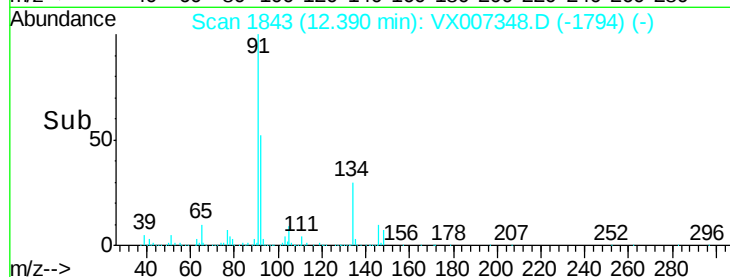
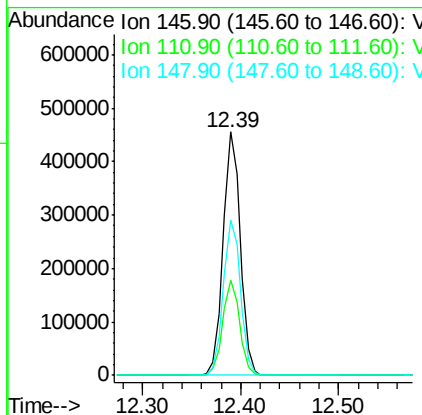
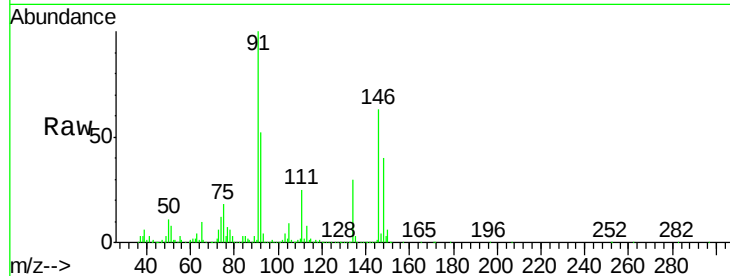
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	555587
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.1	57.3
148	64.1	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.837 ug/l

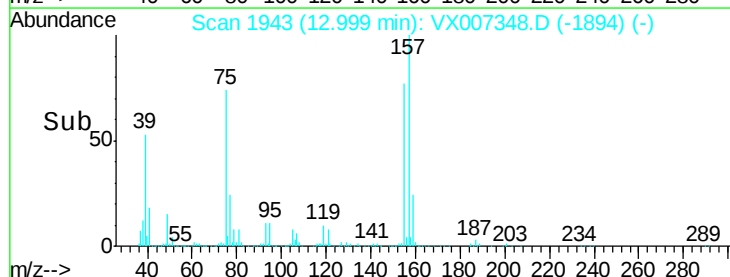
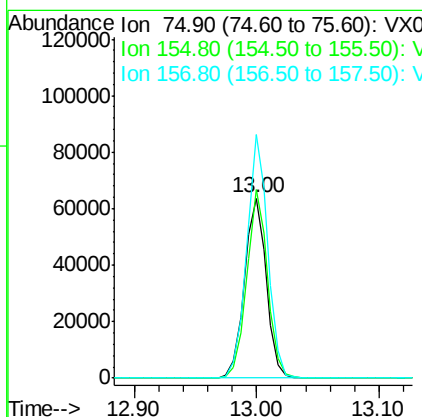
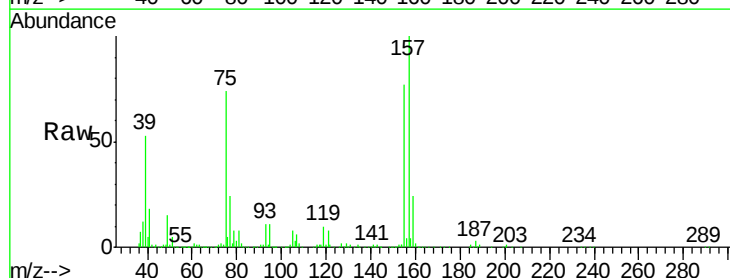
RT: 13.00 min Scan# 1943

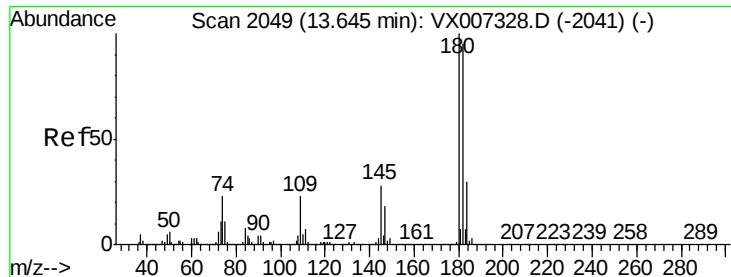
Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Tgt Ion:	75	Resp:	78407
Ion Ratio	Lower	Upper	
75	100		
155	100.0	49.6	149.0
157	130.8	65.1	195.3





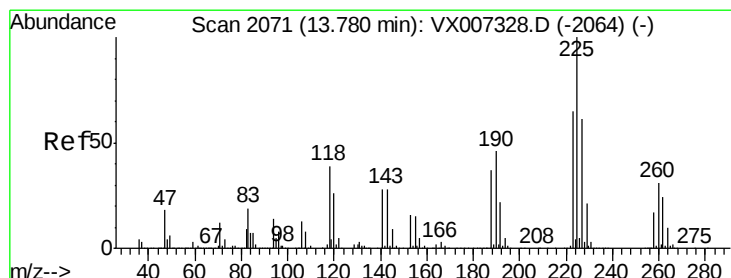
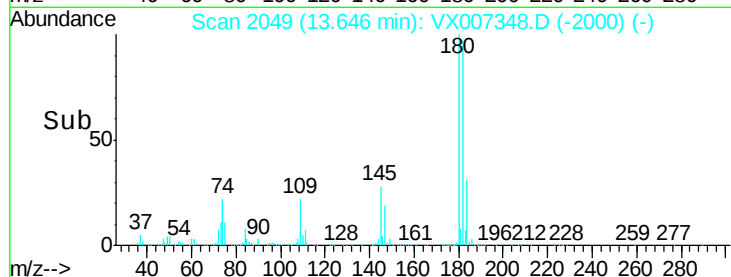
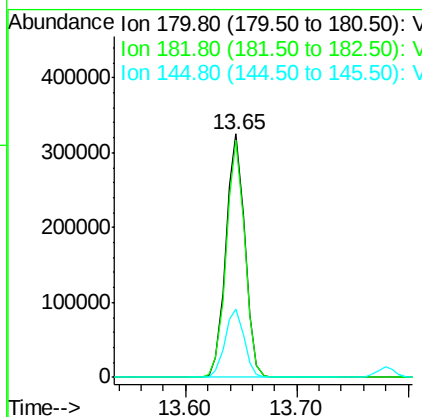
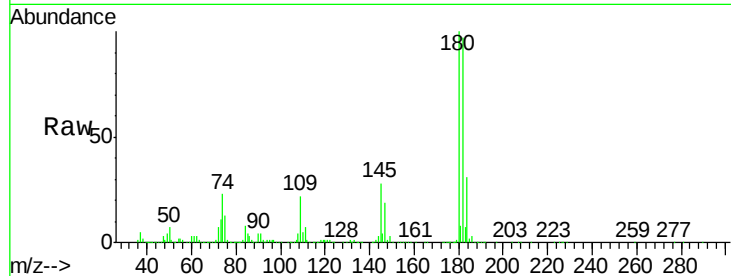
#93
 1,2,4-Trichlorobenzene
 Concen: 47.891 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	47.8	143.3	
145	28.7	14.1	42.2	

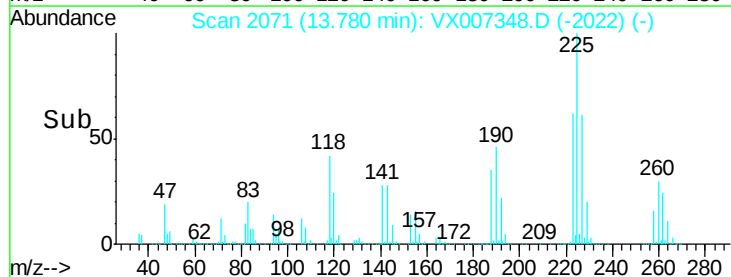
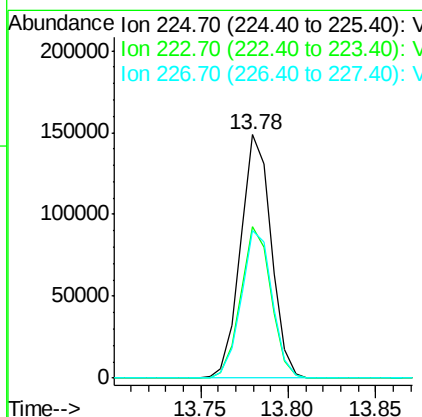
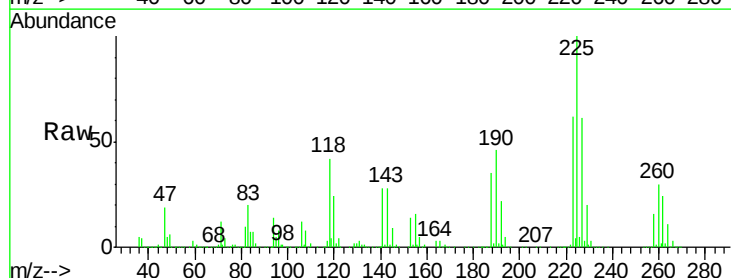
Manual Integrations
 APPROVED

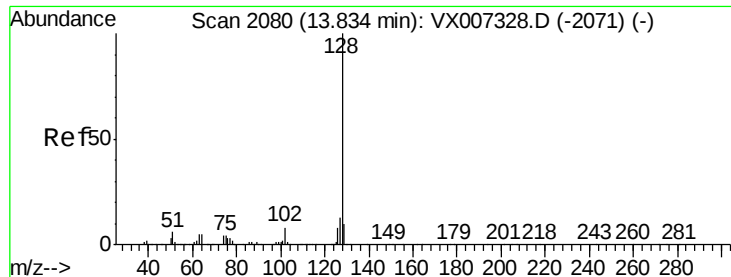
MMDadoda
 2/4/2019 9:36:51 AM



#94
 Hexachlorobutadiene
 Concen: 46.869 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	31.6	94.8	
227	61.2	32.1	96.3	





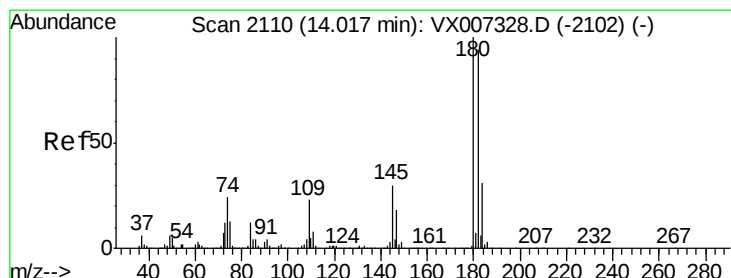
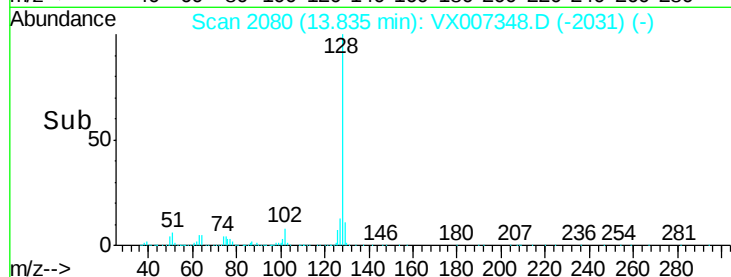
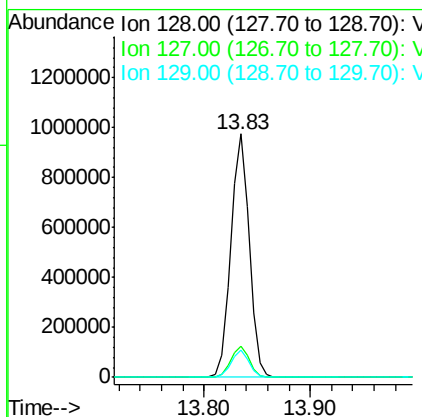
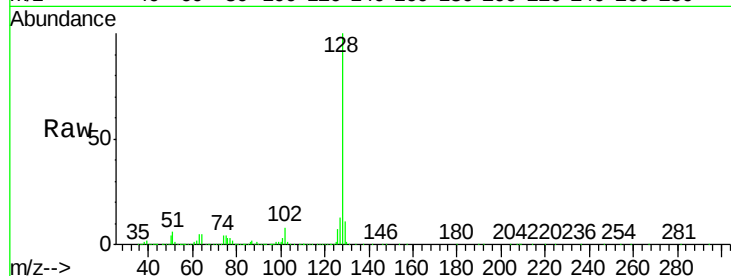
#95
Naphthalene
Concen: 50.933 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:36:51 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.781 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.6
145	30.9	14.9	44.5

