

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\
 Data File : VX007420.D
 Acq On : 07 Feb 2019 12:56
 Operator : JC/SP
 Sample : VX0207WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 12:27:59 PM

Quant Time: Feb 08 22:20:51 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	482063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	707124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	644460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	330999	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	248994	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.51	113	224376	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	8.71	98	831920	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	295604	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	110142	18.705	ug/l	97
3) Chloromethane	1.33	50	100357	18.483	ug/l	99
4) Vinyl Chloride	1.41	62	104910	19.695	ug/l	97
5) Bromomethane	1.64	94	99640	18.610	ug/l	98
6) Chloroethane	1.73	64	63601	18.457	ug/l	93
7) Trichlorofluoromethane	1.93	101	156694	18.804	ug/l	99
8) Diethyl Ether	2.19	74	59399	18.939	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90475	18.253	ug/l	99
10) Methyl Iodide	2.51	142	124646	17.095	ug/l	99
11) Tert butyl alcohol	3.07	59	114503	108.133	ug/l	100
12) 1,1-Dichloroethene	2.38	96	82167	17.852	ug/l	100
13) Acrolein	2.30	56	53469	107.681	ug/l	99
14) Allyl chloride	2.73	41	142383	18.985	ug/l	98
15) Acrylonitrile	3.15	53	252746	96.486	ug/l	99
16) Acetone	2.45	43	232029	98.996	ug/l	99
17) Carbon Disulfide	2.57	76	196122	17.725	ug/l	98
18) Methyl Acetate	2.78	43	130729	21.746	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	288725	19.363	ug/l	96
20) Methylene Chloride	2.86	84	92244	19.024	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	87053	17.755	ug/l	94
22) Diisopropyl ether	3.87	45	263462	19.098	ug/l	95
23) Vinyl Acetate	3.82	43	1079422	94.294	ug/l	99
24) 1,1-Dichloroethane	3.70	63	149002	18.808	ug/l	99
25) 2-Butanone	4.70	43	331047	99.248	ug/l	98
26) 2,2-Dichloropropane	4.59	77	108291	17.949	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	97151	18.141	ug/l	100
28) Bromochloromethane	5.02	49	68832	18.894	ug/l	96
29) Tetrahydrofuran	5.15	42	213758	101.895	ug/l	99
30) Chloroform	5.21	83	157248	19.022	ug/l	99
31) Cyclohexane	5.58	56	125733	17.671	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	128711	18.446	ug/l	99
36) 1,1-Dichloropropene	5.80	75	111486	17.572	ug/l	100
37) Ethyl Acetate	4.85	43	124785	19.456	ug/l	99
38) Carbon Tetrachloride	5.79	117	113956	18.514	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134917	17.576	ug/l	98
40) Benzene	6.14	78	349600	18.706	ug/l	97
41) Methacrylonitrile	5.06	41	67703	19.696	ug/l	99
42) 1,2-Dichloroethane	6.20	62	119265	18.444	ug/l	99
43) Isopropyl Acetate	6.46	43	190520	19.245	ug/l	100
44) Trichloroethene	7.21	130	101250	17.988	ug/l	100
45) 1,2-Dichloropropane	7.52	63	86507	18.474	ug/l	99
46) Dibromomethane	7.66	93	61804	18.160	ug/l	98
47) Bromodichloromethane	7.90	83	104007	18.032	ug/l	99
48) Methyl methacrylate	7.77	41	97296	19.649	ug/l	98
49) 1,4-Dioxane	7.75	88	48154	431.553	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	641166	98.386	ug/l	99
52) Toluene	8.79	92	223886	18.567	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	109804	17.723	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	127872	18.768	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	93127	18.528	ug/l	98
56) Ethyl methacrylate	9.18	69	131808	18.934	ug/l	97
57) 1,3-Dichloropropane	9.37	76	151417	18.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	352559	96.083	ug/l	99
59) 2-Hexanone	9.49	43	502151	99.020	ug/l	100
60) Dibromochloromethane	9.58	129	88936	18.709	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100092	18.804	ug/l	100
64) Tetrachloroethene	9.34	164	101849	16.767	ug/l	98
65) Chlorobenzene	10.14	112	255963	18.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89868	19.060	ug/l	99
67) Ethyl Benzene	10.25	91	414830	18.317	ug/l	99
68) m/p-Xylenes	10.36	106	323868	35.975	ug/l	98
69) o-Xylene	10.70	106	160811	18.564	ug/l	100
70) Styrene	10.71	104	258810	18.422	ug/l	98
71) Bromoform	10.86	173	62576	17.942	ug/l #	97
73) Isopropylbenzene	11.02	105	428405	19.046	ug/l	99
74) N-amyl acetate	10.90	43	169546	19.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	138589	20.217	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	130273m	20.234	ug/l	
77) Bromobenzene	11.26	156	117707	18.573	ug/l	99
78) n-propylbenzene	11.36	91	466601	18.917	ug/l	99
79) 2-Chlorotoluene	11.42	91	280854	18.766	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	343786	18.682	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35064	19.638	ug/l	97
82) 4-Chlorotoluene	11.51	91	318564	18.395	ug/l	99
83) tert-Butylbenzene	11.77	119	343317	18.844	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	359670	19.252	ug/l	100
85) sec-Butylbenzene	11.94	105	420017	19.048	ug/l	100
86) p-Isopropyltoluene	12.07	119	368255	18.500	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	206844	18.186	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	204424	17.716	ug/l	99
89) n-Butylbenzene	12.39	91	306805	17.917	ug/l	100
90) Hexachloroethane	12.60	117	54742	18.375	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	205239	18.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27547	19.326	ug/l	100

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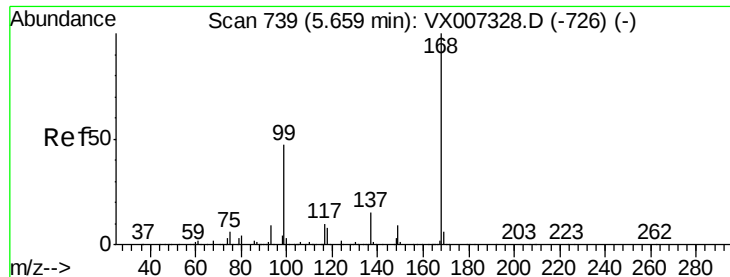
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136757	17.915	ug/l	99
94) Hexachlorobutadiene	13.78	225	65734	17.734	ug/l	99
95) Naphthalene	13.83	128	418479	18.747	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	140181	18.244	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion:168 Resp: 482063

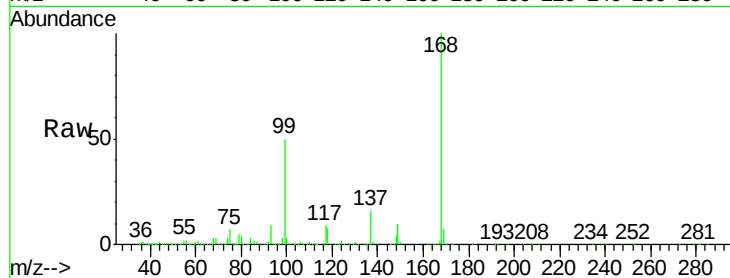
Ion Ratio Lower Upper

168 100

99 50.3 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

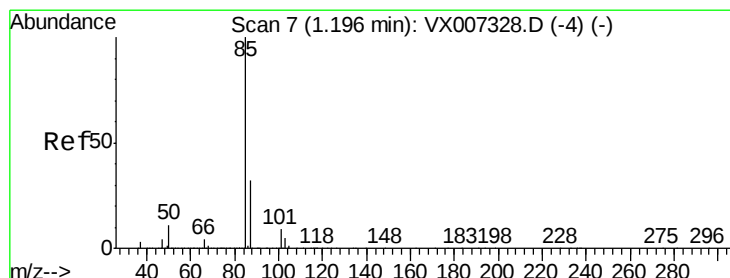
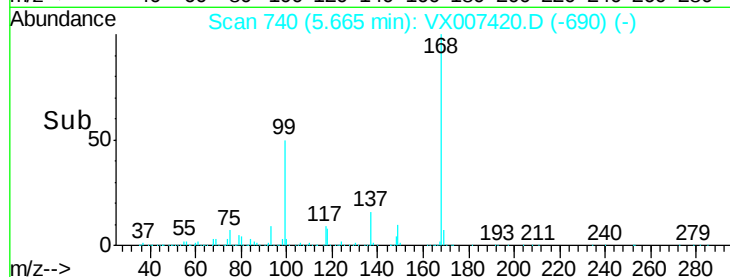
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.705 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007420.D

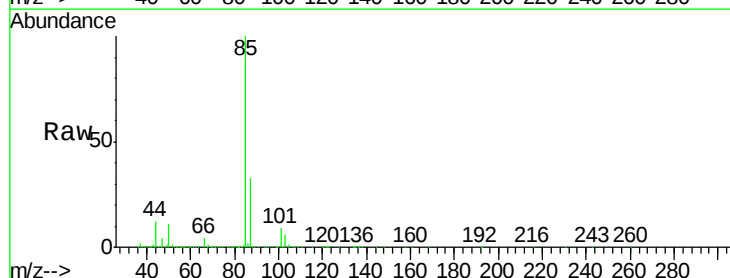
Acq: 07 Feb 2019 12:56

Tgt Ion: 85 Resp: 110142

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

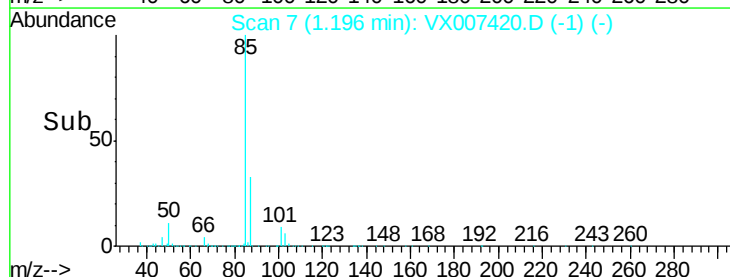
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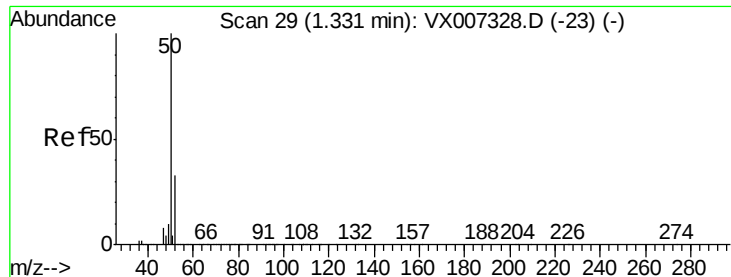
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.483 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 50 Resp: 100357

Ion Ratio Lower Upper

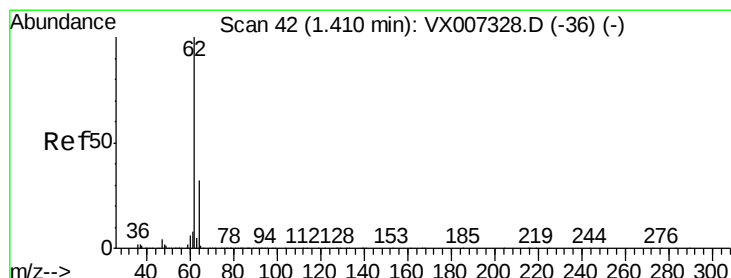
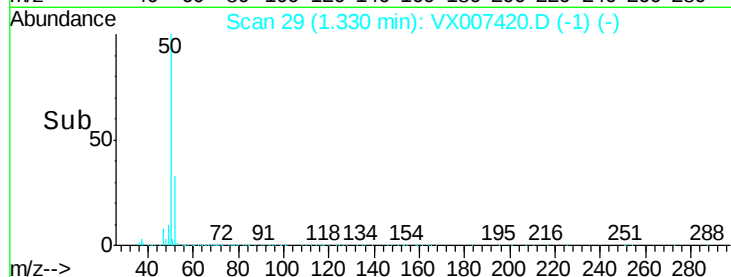
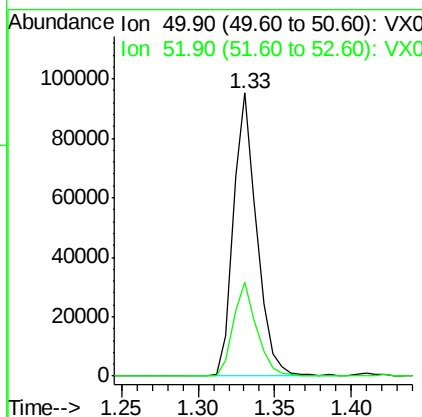
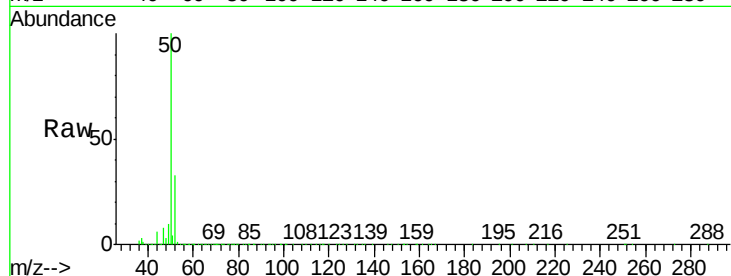
50 100

52 33.1 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.695 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007420.D

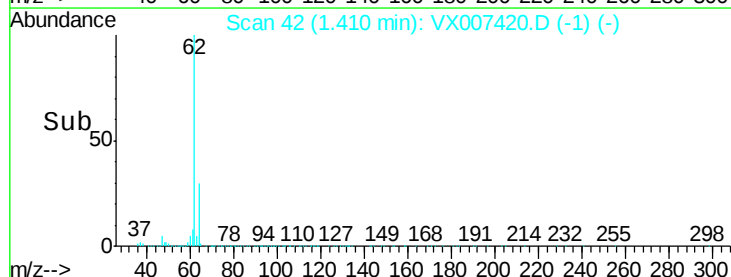
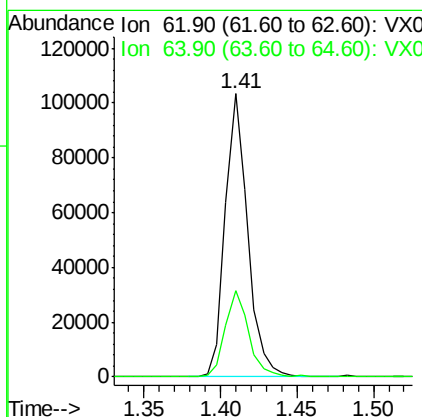
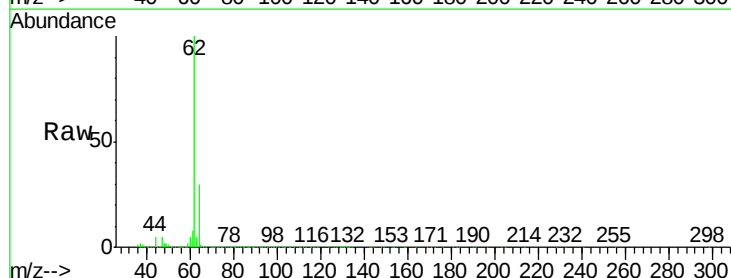
Acq: 07 Feb 2019 12:56

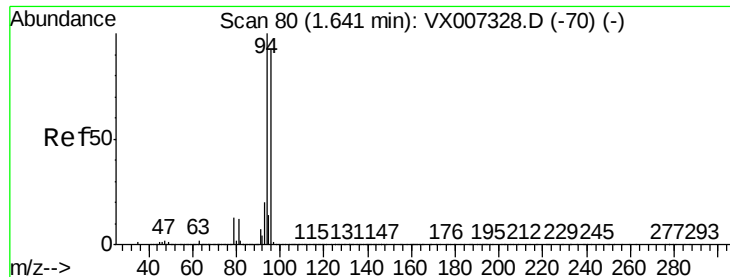
Tgt Ion: 62 Resp: 104910

Ion Ratio Lower Upper

62 100

64 30.3 25.4 38.0





#5

Bromomethane

Concen: 18.610 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 94 Resp: 99640

Ion Ratio Lower Upper

94 100

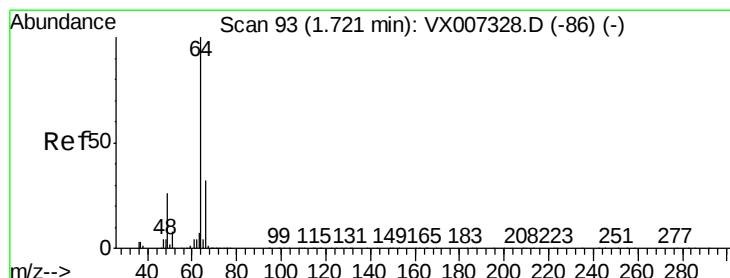
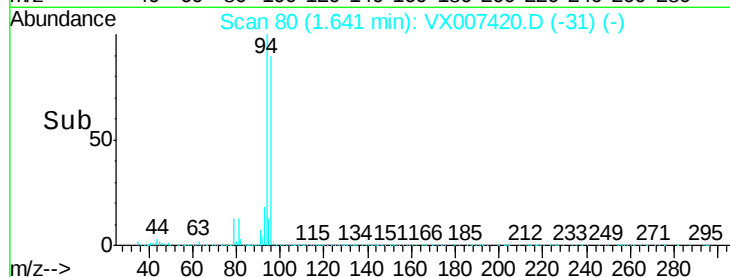
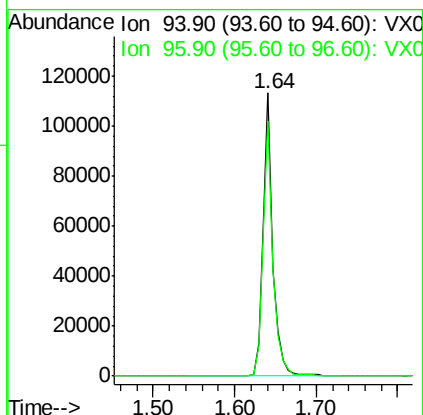
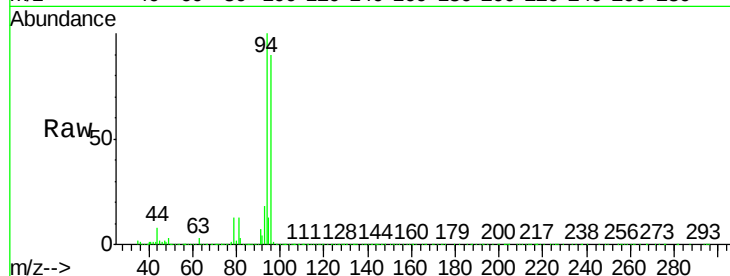
96 90.2 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 18.457 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007420.D

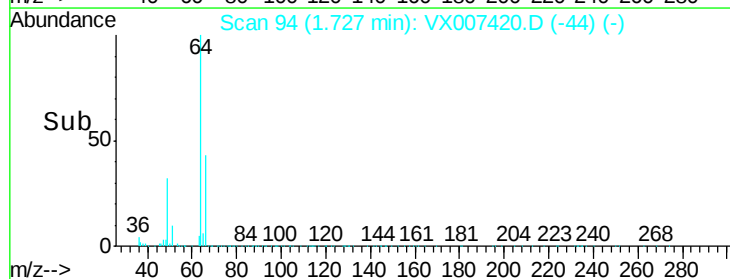
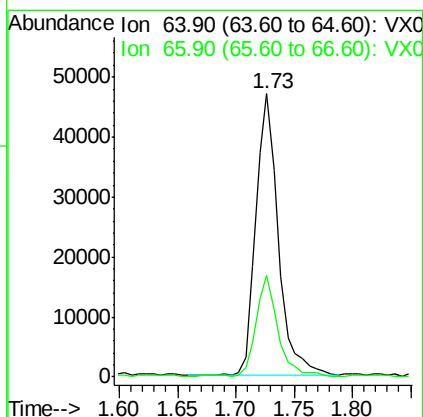
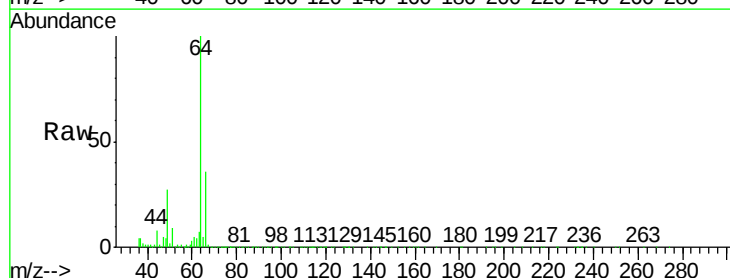
Acq: 07 Feb 2019 12:56

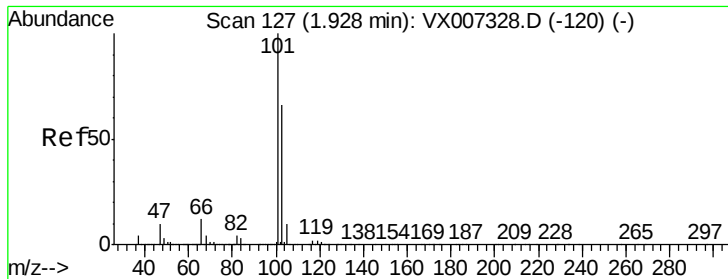
Tgt Ion: 64 Resp: 63601

Ion Ratio Lower Upper

64 100

66 35.9 25.5 38.3





#7

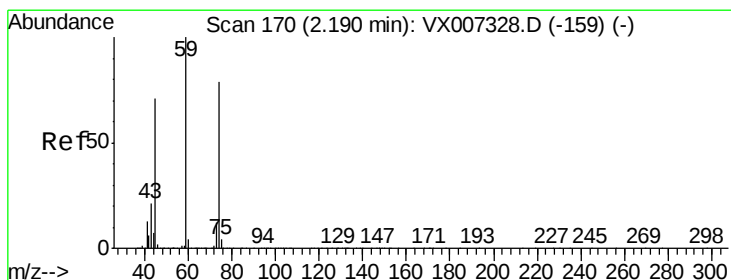
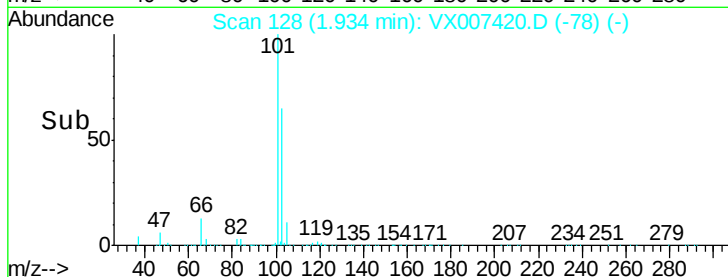
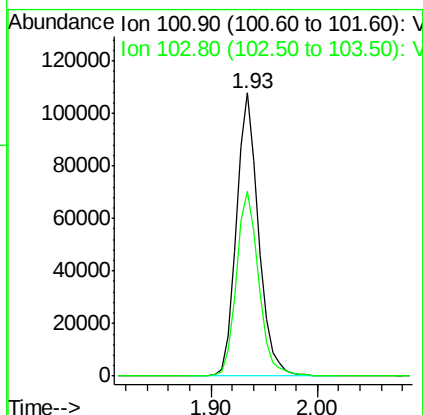
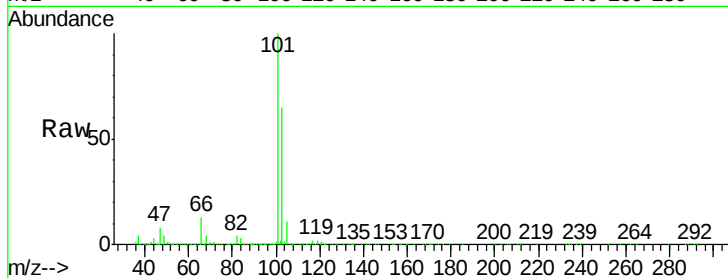
Trichlorofluoromethane
Concen: 18.804 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.6	79.0

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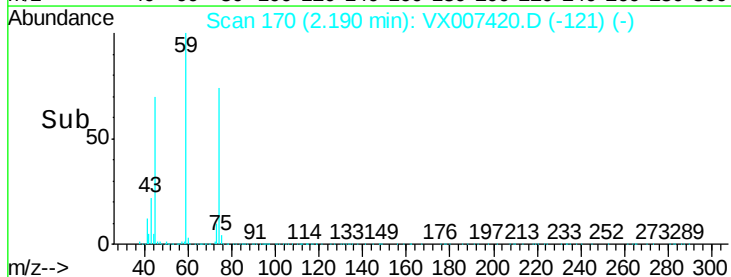
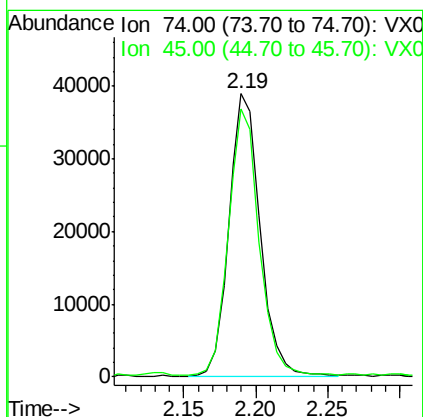
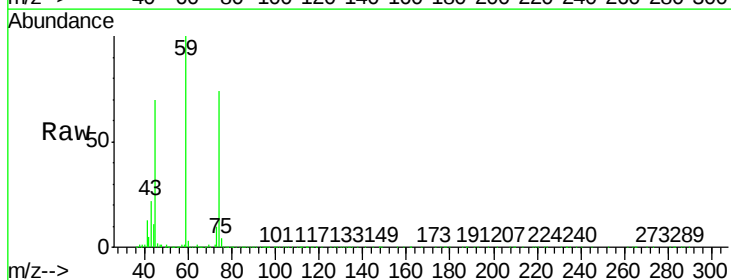
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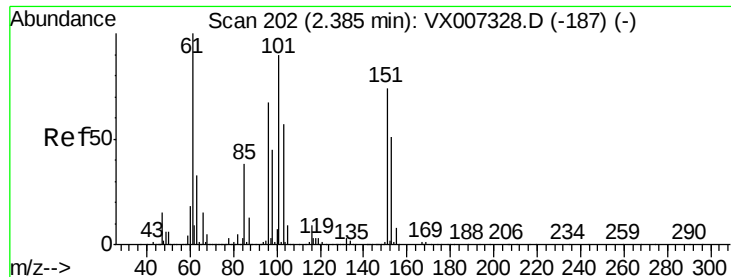


#8

Diethyl Ether
Concen: 18.939 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.6	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.253 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

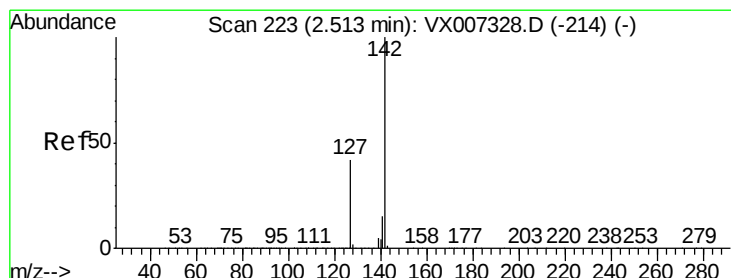
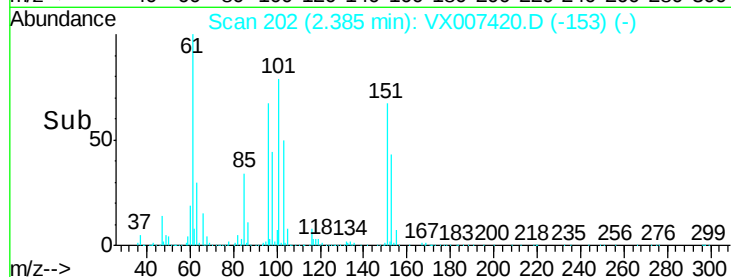
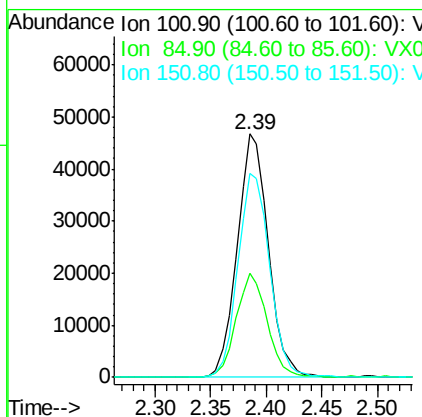
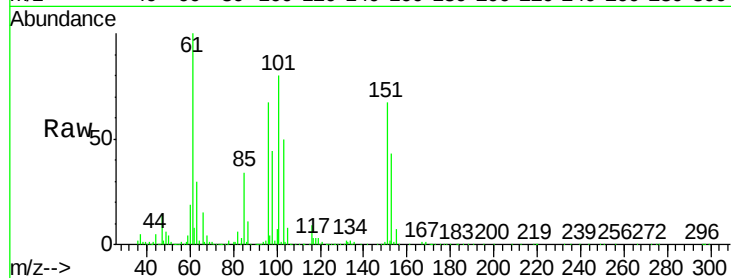
ClientSampleId :

VX0207WBSD01

Tot Ion:	101	Resp:	90475
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.1	51.1
151	85.9	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 17.095 ug/l

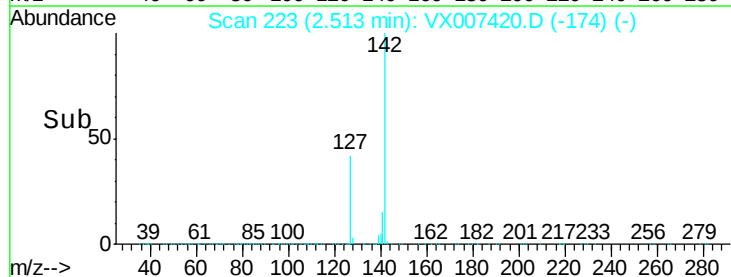
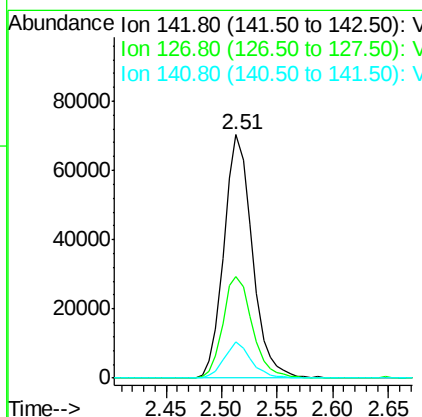
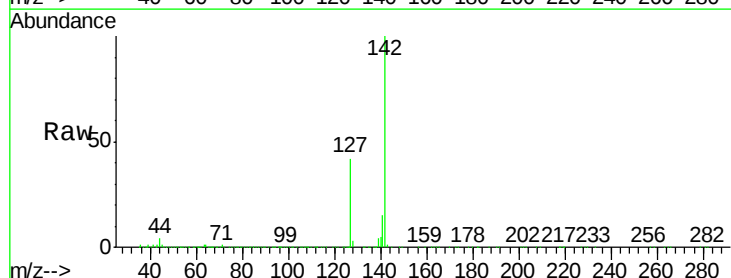
RT: 2.51 min Scan# 223

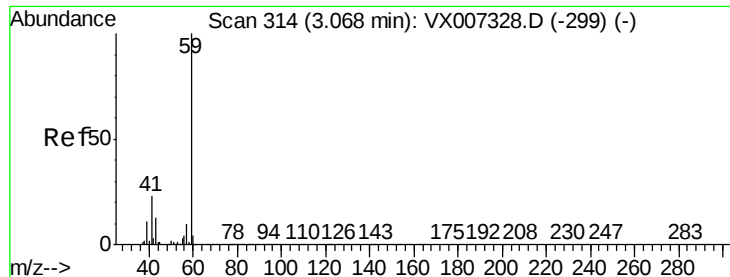
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion:	142	Resp:	124646
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.7	50.5
141	14.4	11.3	16.9





#11

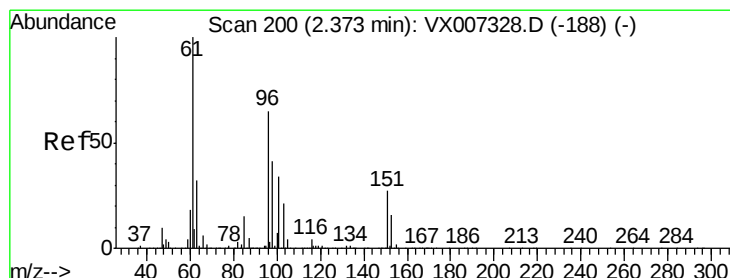
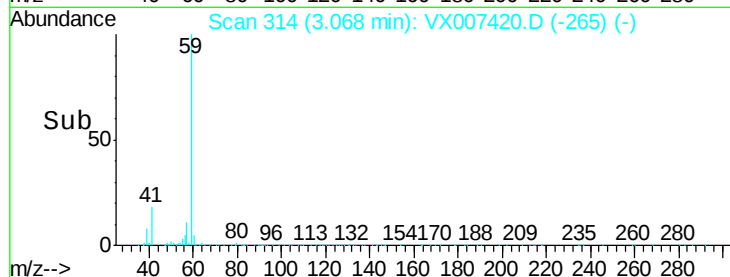
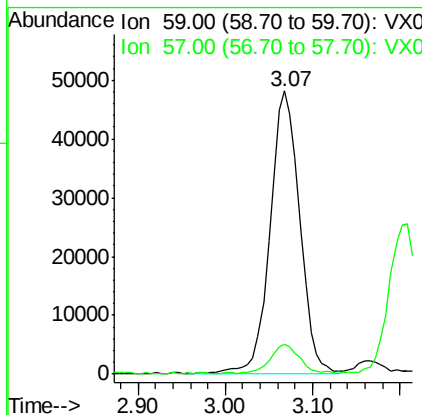
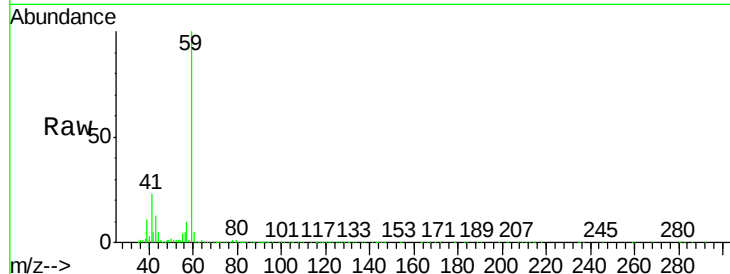
Tert butyl alcohol
Concen: 108.133 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.1	12.1

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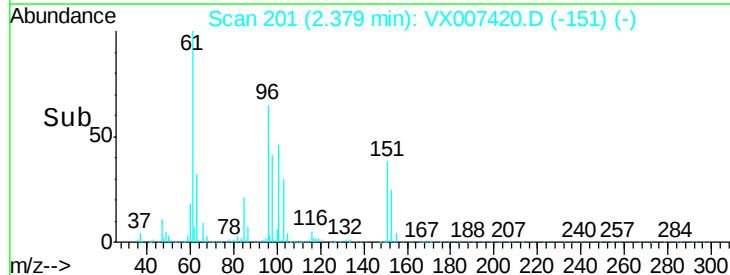
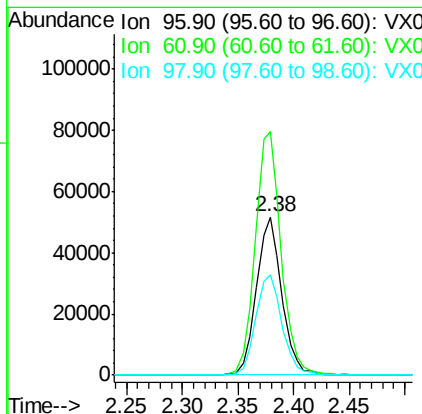
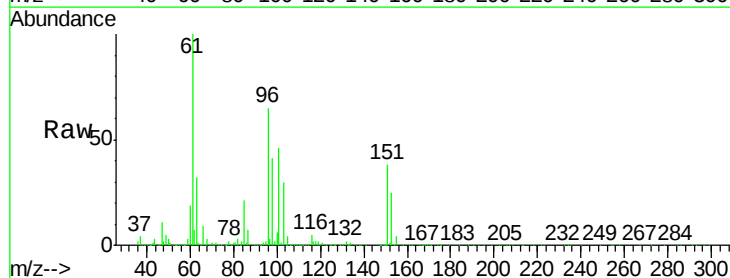
MMDadoda
2/11/2019 12:27:59 PM

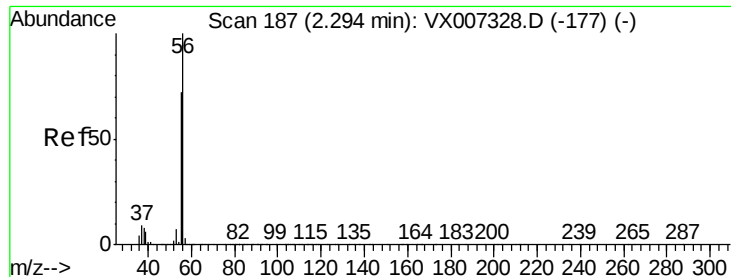


#12

1,1-Dichloroethene
Concen: 17.852 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.9	123.0	184.4
98	63.6	50.9	76.3





#13

Acrolein

Concen: 107.681 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 56 Resp: 53469

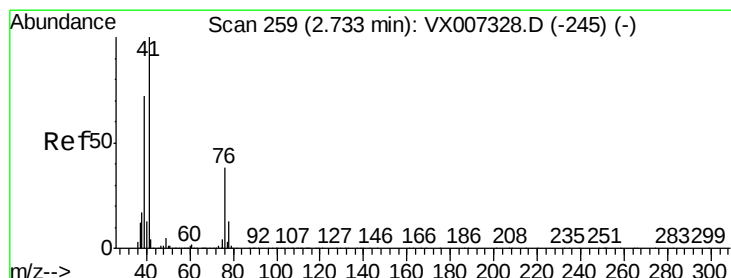
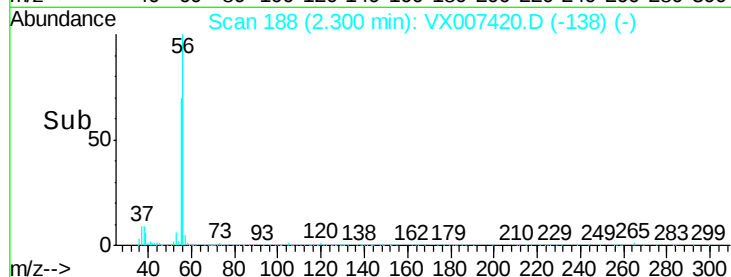
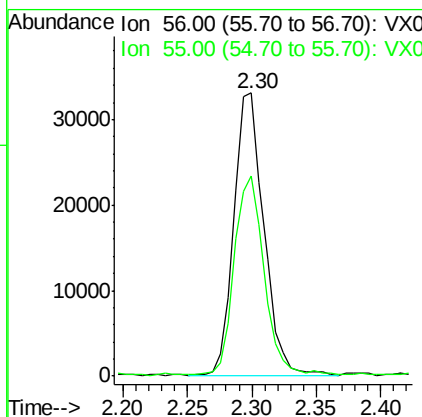
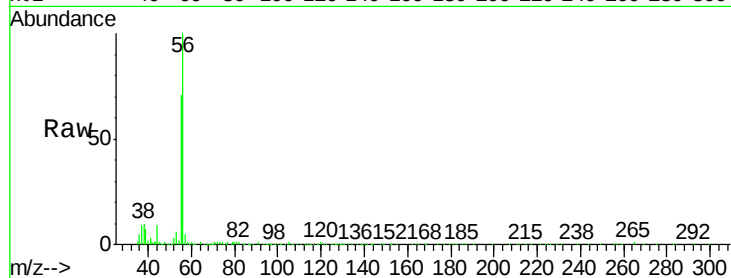
Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 18.985 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

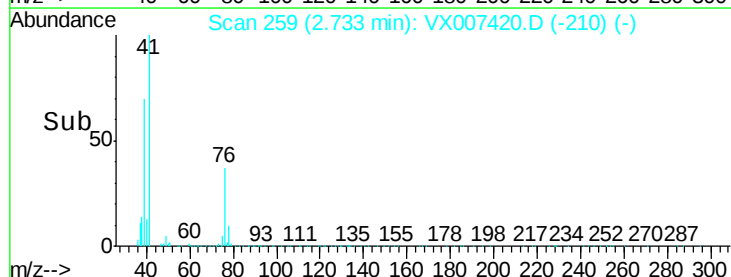
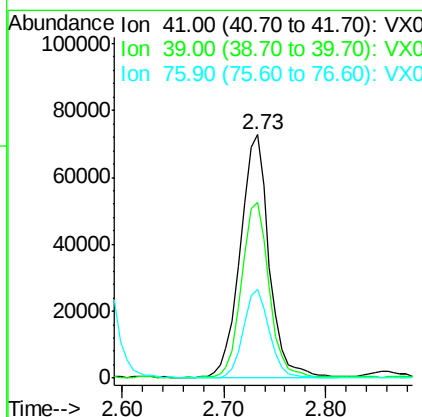
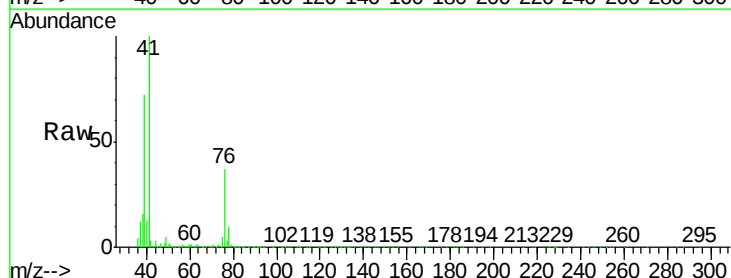
Tgt Ion: 41 Resp: 142383

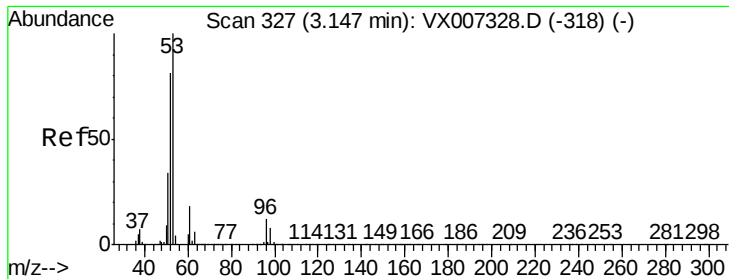
Ion Ratio Lower Upper

41 100

39 69.2 54.1 81.1

76 32.8 27.8 41.8





#15

Acrylonitrile

Concen: 96.486 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

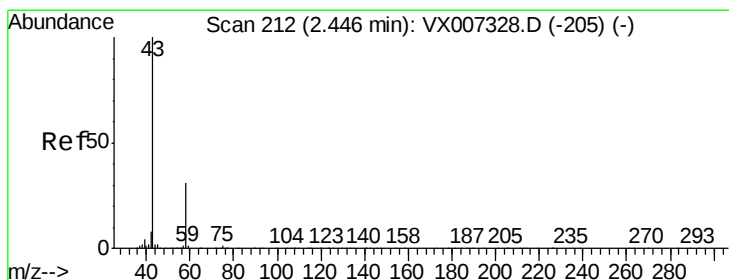
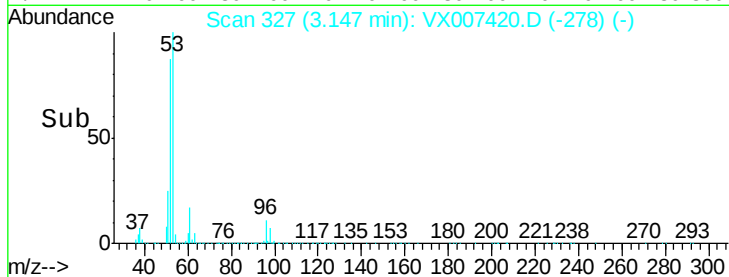
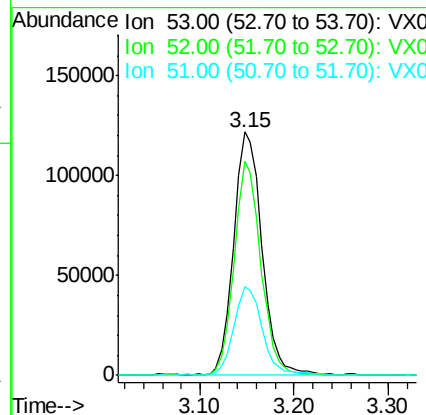
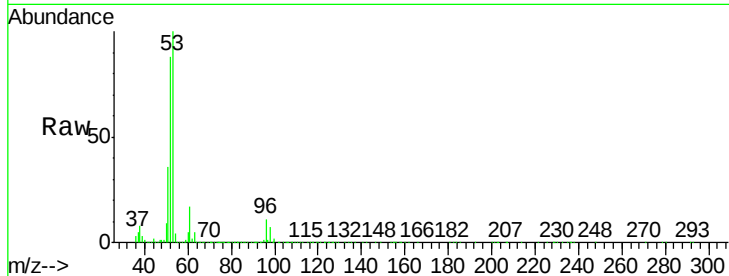
ClientSampleId :

VX0207WBSD01

Tot Ion:	53	Resp:	252746
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.4	99.6
51	36.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 98.996 ug/l

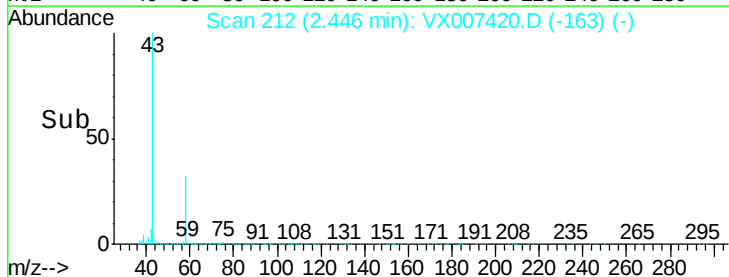
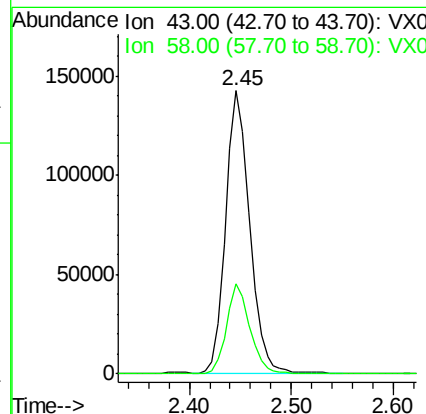
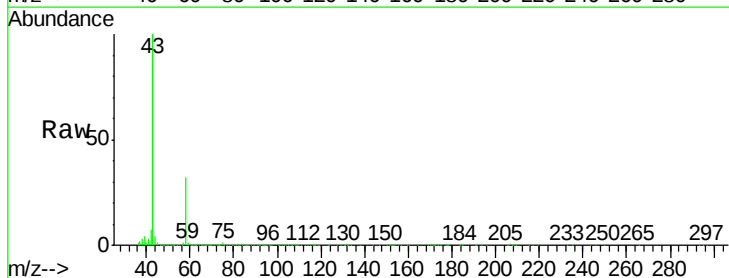
RT: 2.45 min Scan# 212

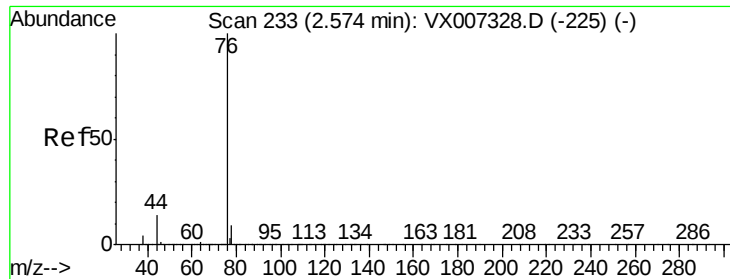
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion:	43	Resp:	232029
Ion Ratio		Lower	Upper
43	100		
58	31.9	24.9	37.3





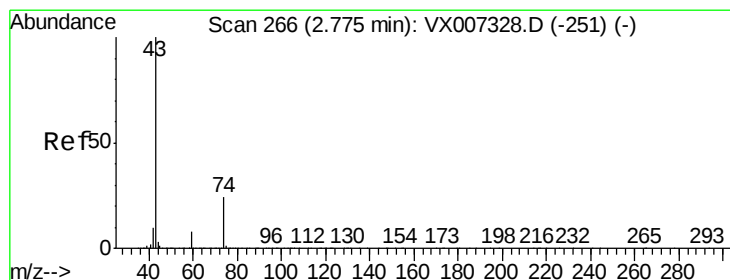
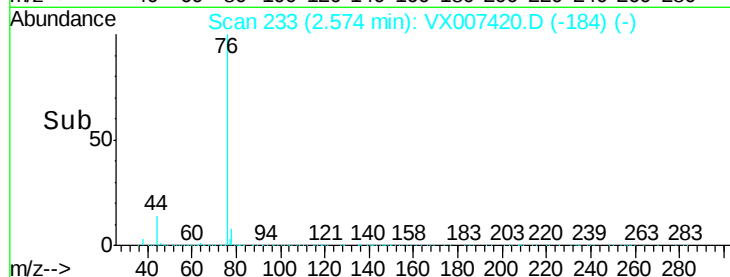
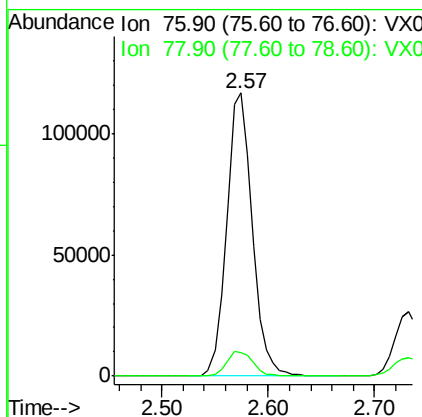
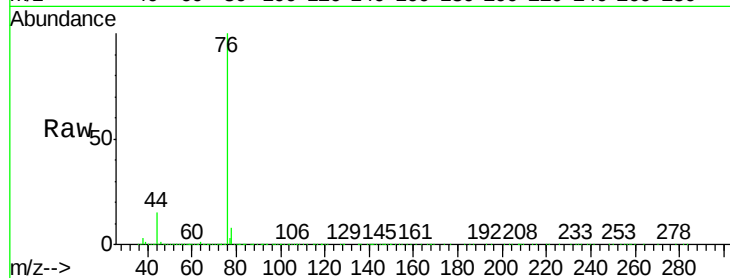
#17
Carbon Disulfide
Concen: 17.725 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.1	10.7

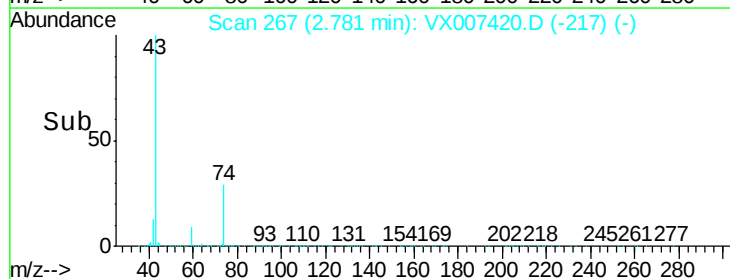
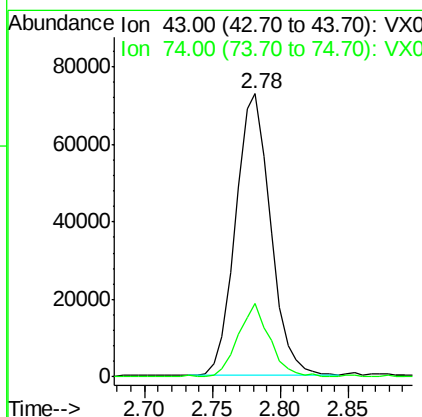
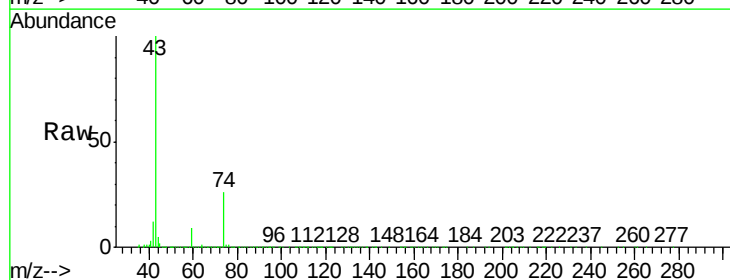
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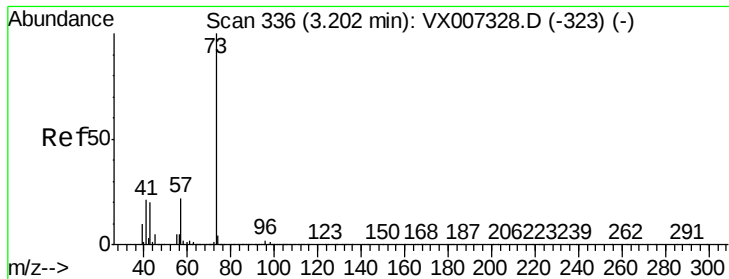
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#18
Methyl Acetate
Concen: 21.746 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.4	29.2





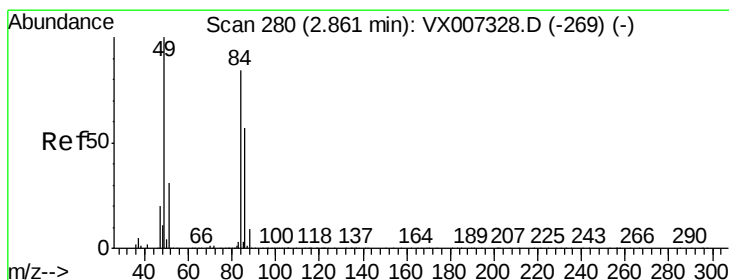
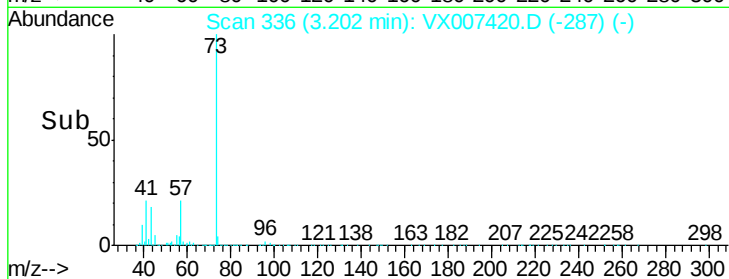
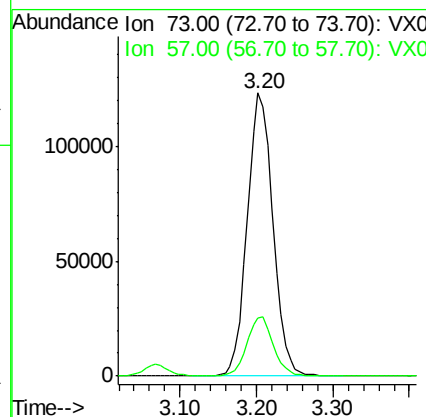
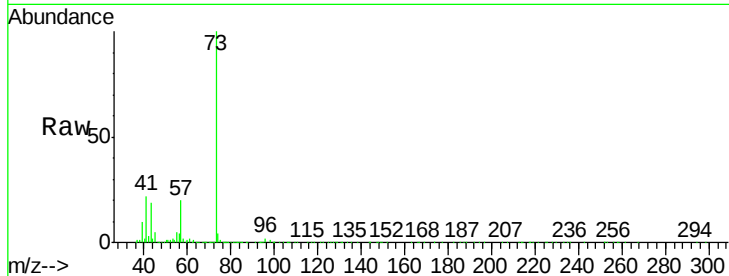
#19
Methvl tert-butvl Ether
Concen: 19.363 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.2	17.8	26.8

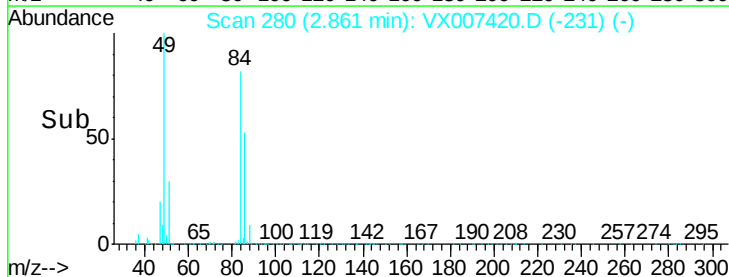
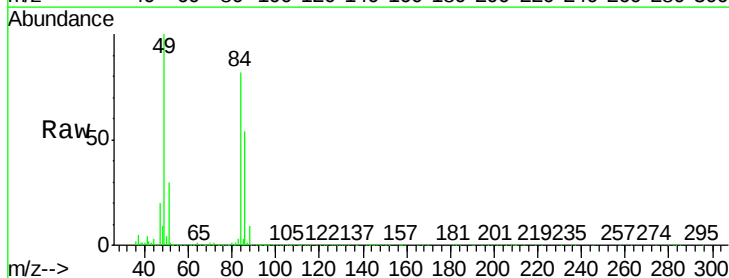
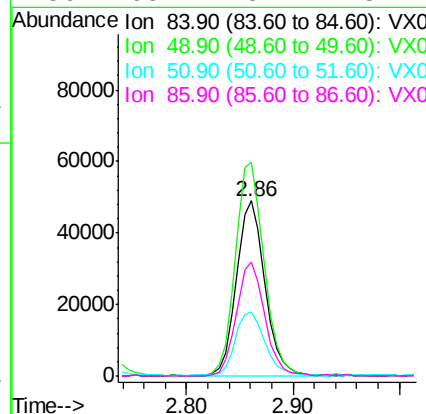
Manual Integrations
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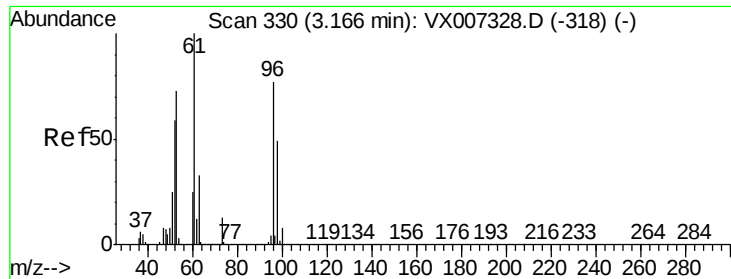
MMDadoda
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#20
Methylene Chloride
Concen: 19.024 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	94.8	142.2
51	36.2	29.8	44.8
86	65.4	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 17.755 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

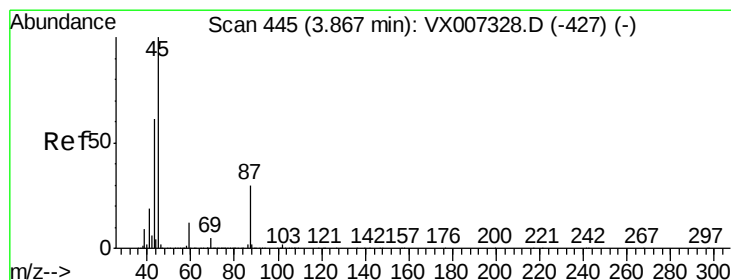
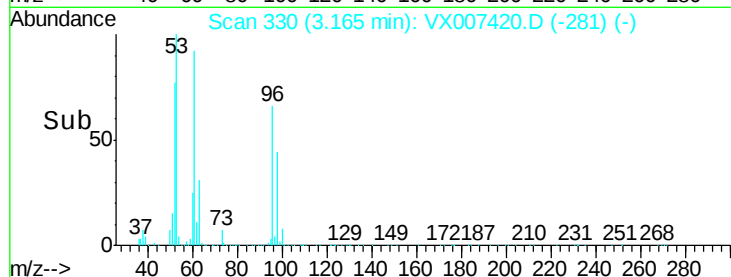
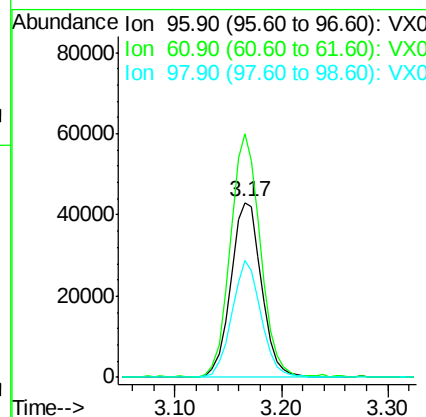
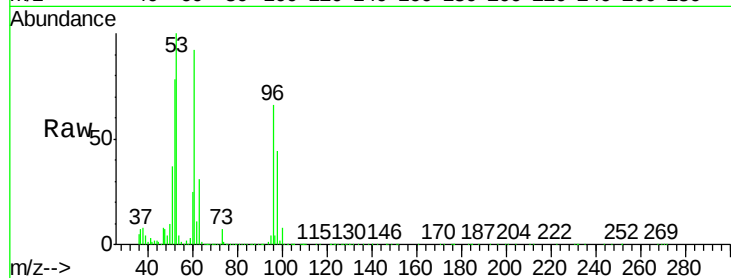
ClientSampleId :

VX0207WBSD01

Tot Ion:	96	Resp:	87053
Ion	Ratio	Lower	Upper
96	100		
61	139.3	104.6	156.8
98	66.7	51.0	76.4

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#22

Diisopropyl ether

Concen: 19.098 ug/l

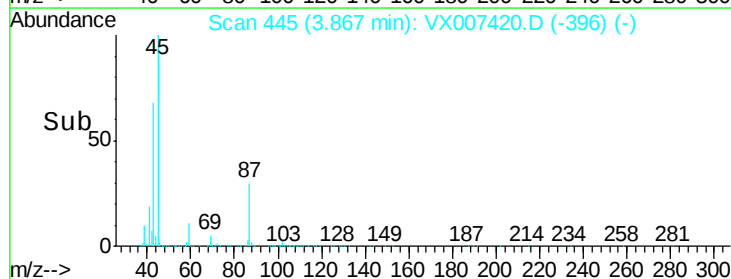
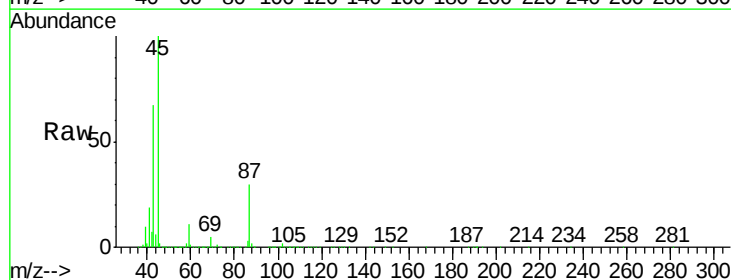
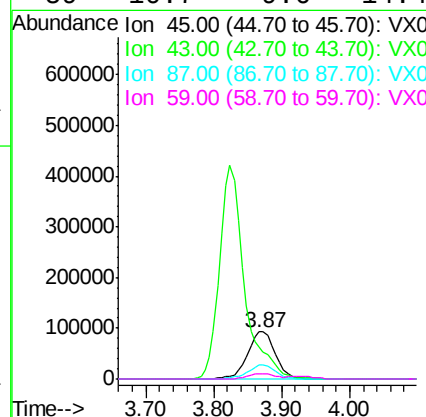
RT: 3.87 min Scan# 445

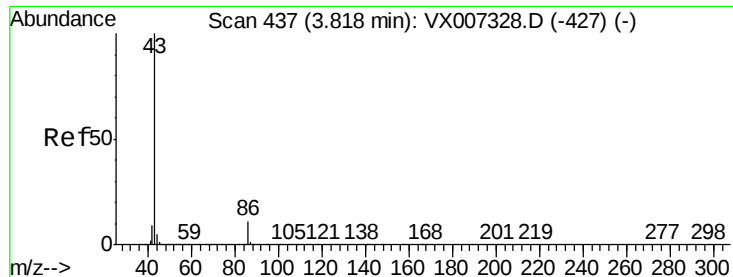
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion:	45	Resp:	263462
Ion	Ratio	Lower	Upper
45	100		
43	66.8	48.9	73.3
87	29.8	23.9	35.9
59	10.7	9.6	14.4





#23

Vinyl Acetate

Concen: 94.294 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 43 Resp: 1079422

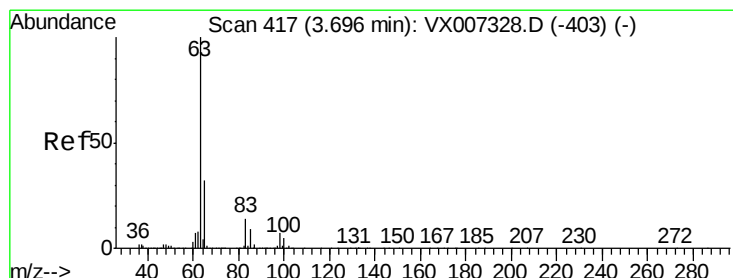
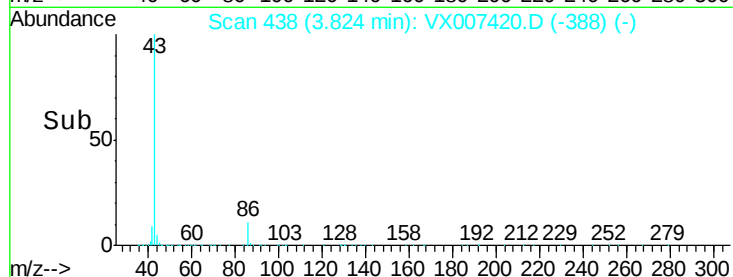
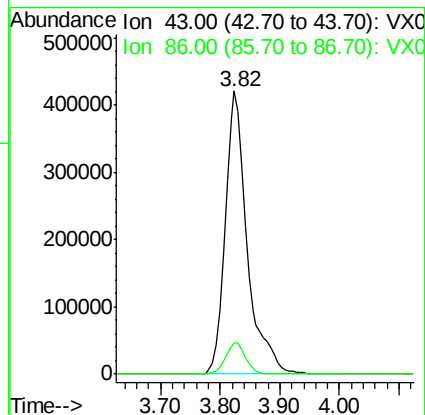
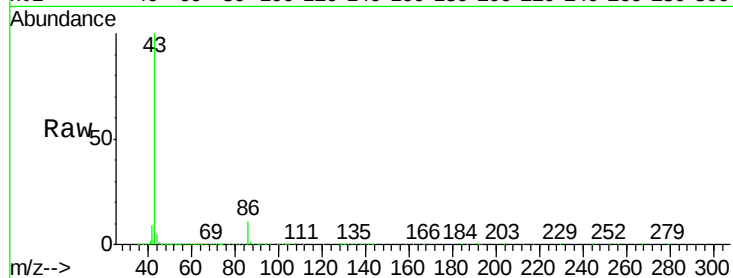
Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 18.808 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

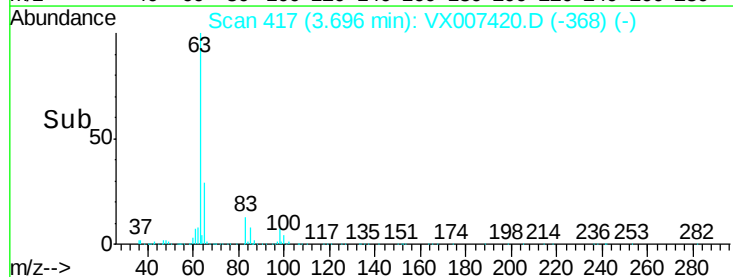
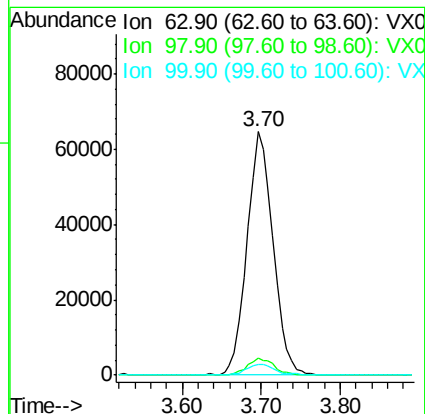
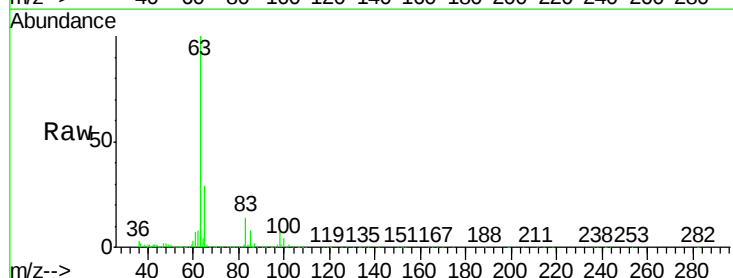
Tgt Ion: 63 Resp: 149002

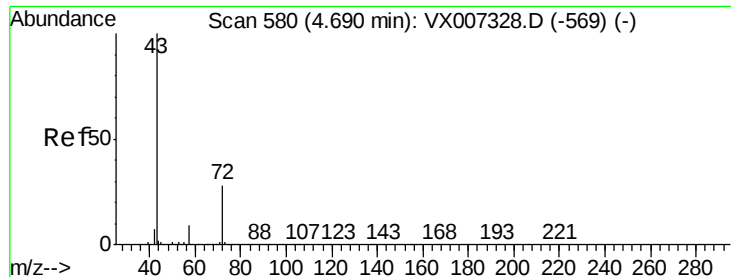
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 99.248 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 43 Resp: 331047

Ion Ratio Lower Upper

43 100

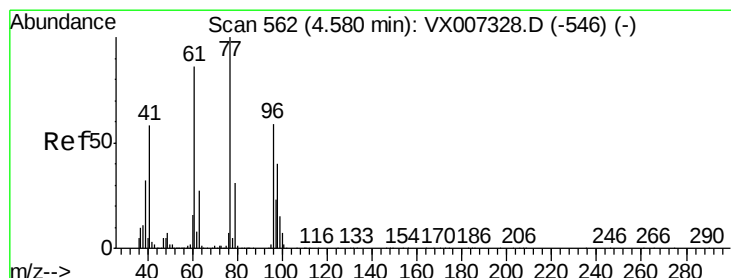
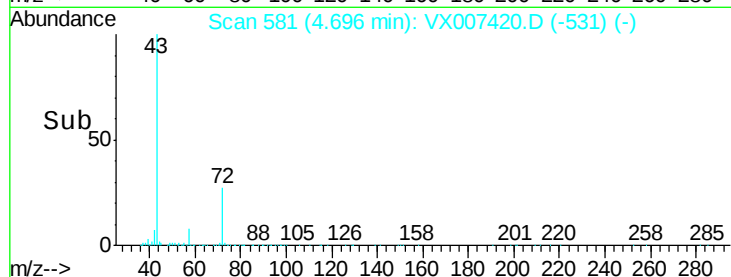
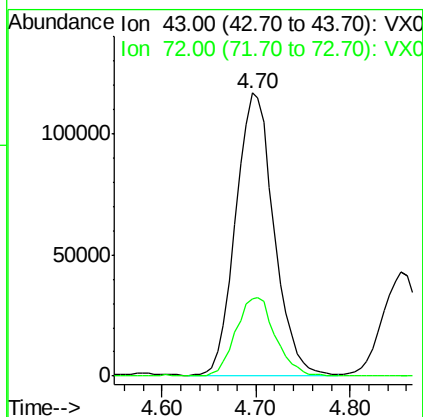
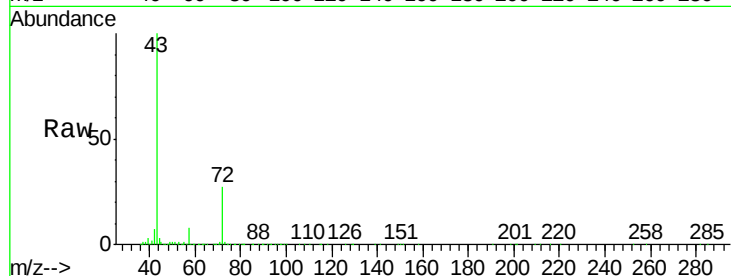
72 26.9 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.949 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007420.D

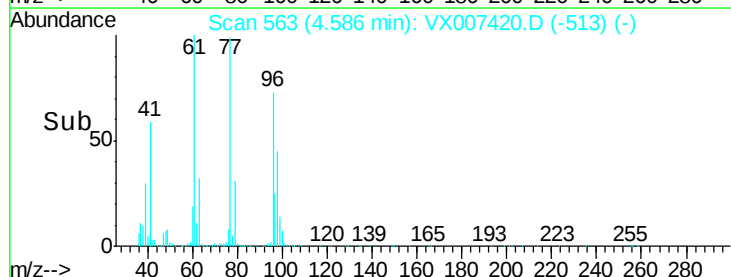
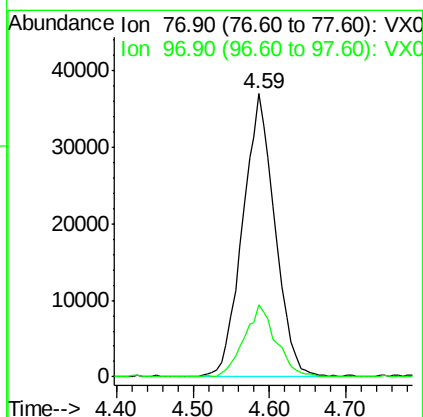
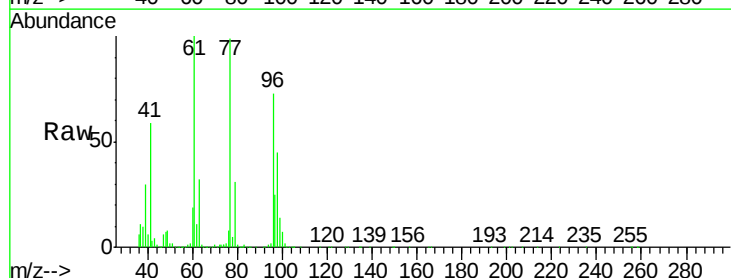
Acq: 07 Feb 2019 12:56

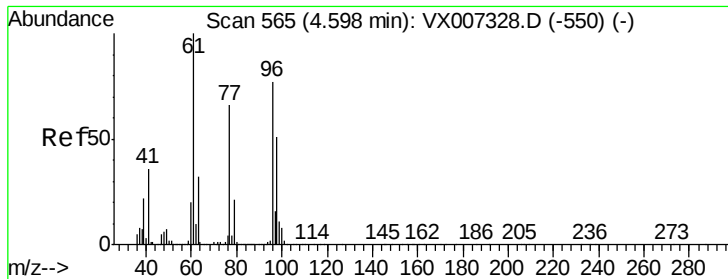
Tgt Ion: 77 Resp: 108291

Ion Ratio Lower Upper

77 100

97 25.2 12.1 36.3





#27

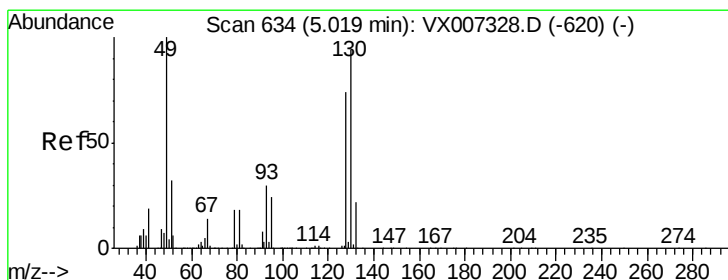
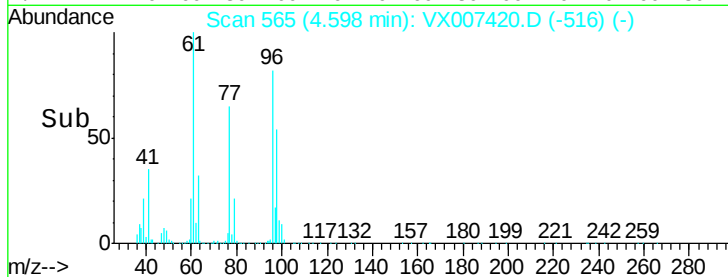
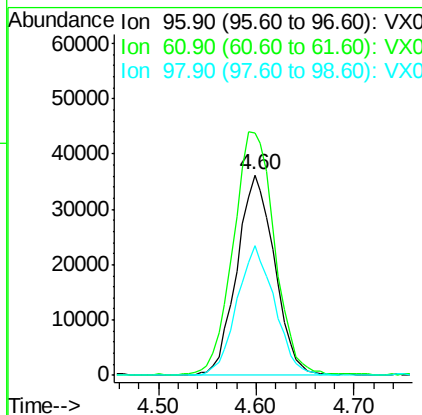
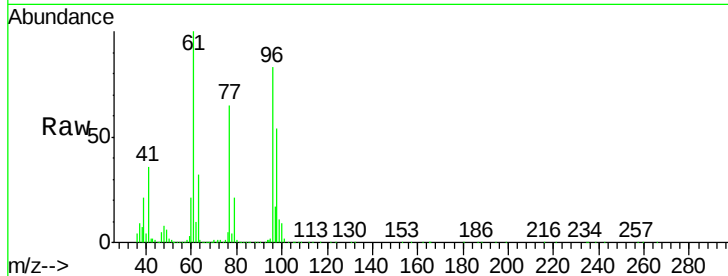
cis-1,2-Dichloroethene
Concen: 18.141 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	265.6
98	65.1	0.0	131.6

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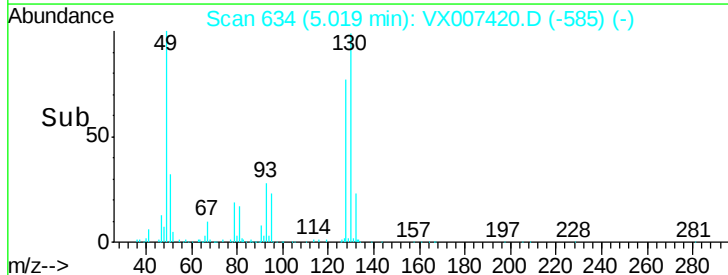
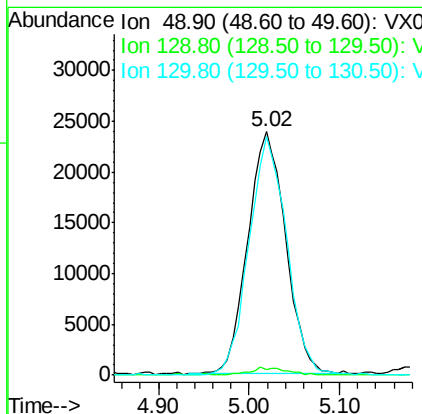
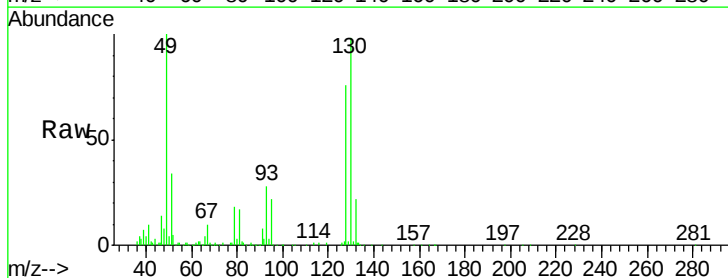
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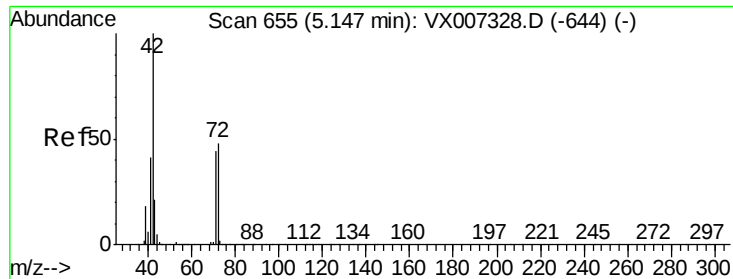


#28

Bromochloromethane
Concen: 18.894 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	98.3	75.6	113.4





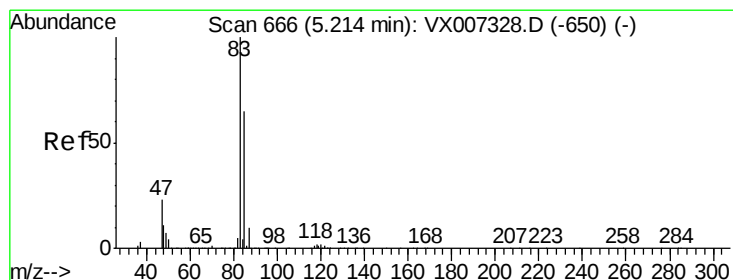
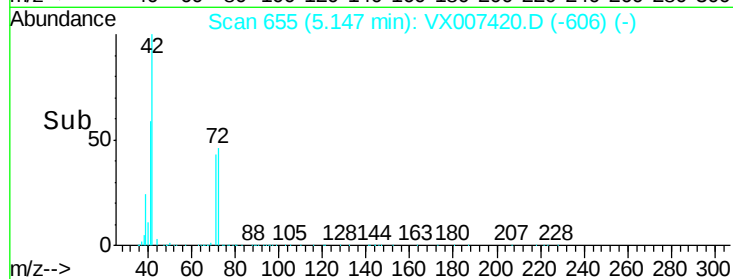
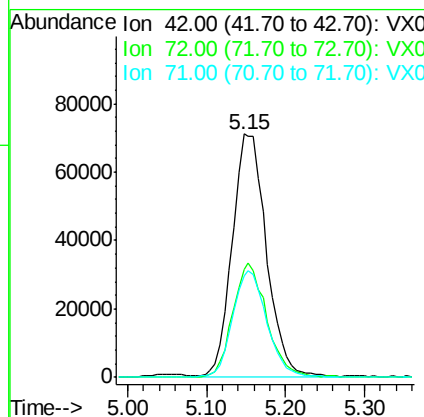
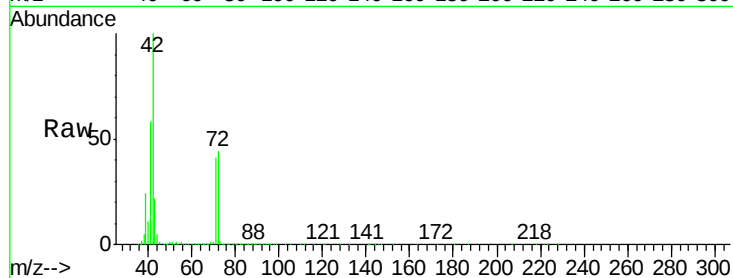
#29
Tetrahydrofuran
Concen: 101.895 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.6	56.4
71	44.3	34.6	51.8

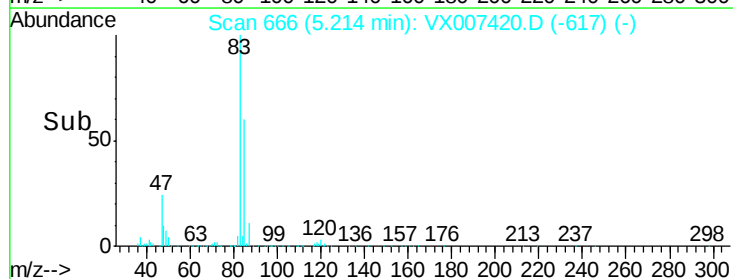
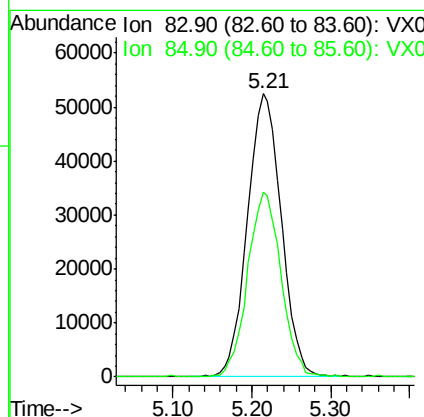
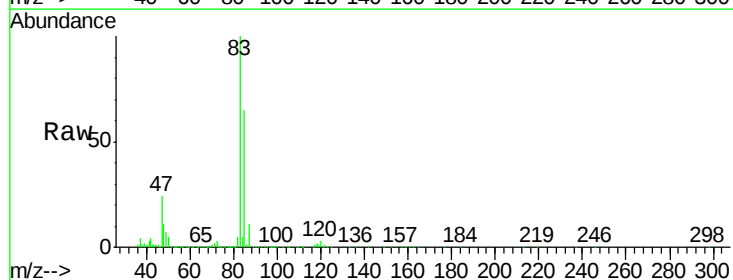
Manual Integrations
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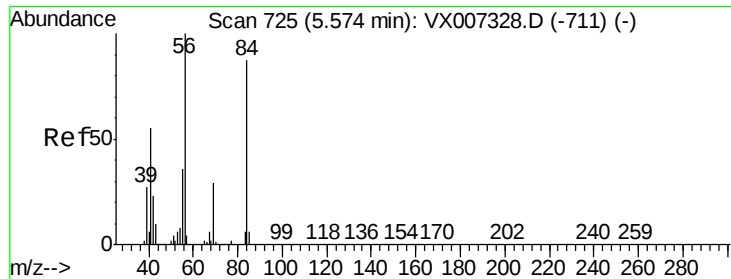
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#30
Chloroform
Concen: 19.022 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.6	77.4





#31

Cyclohexane

Concen: 17.671 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

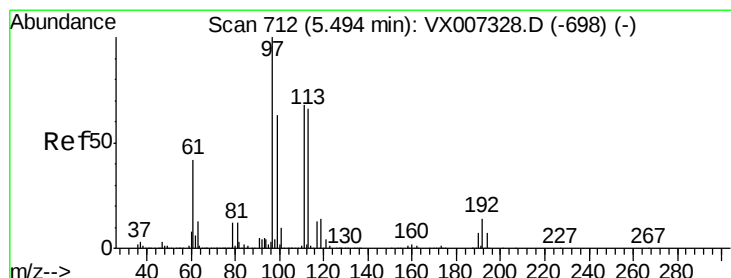
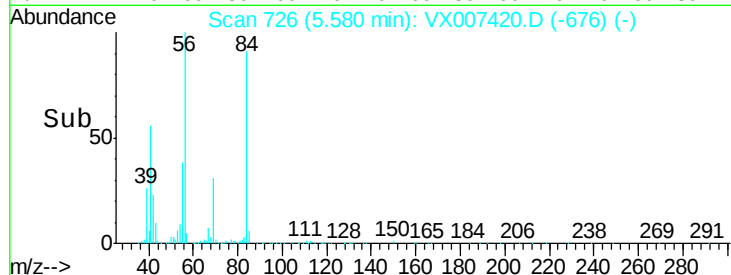
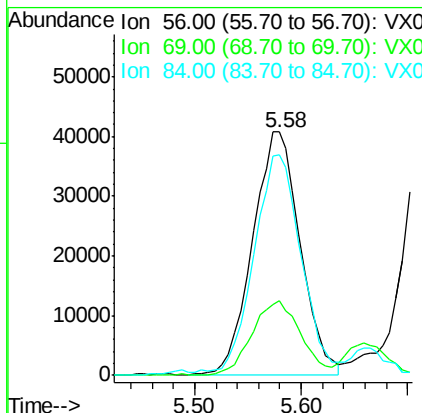
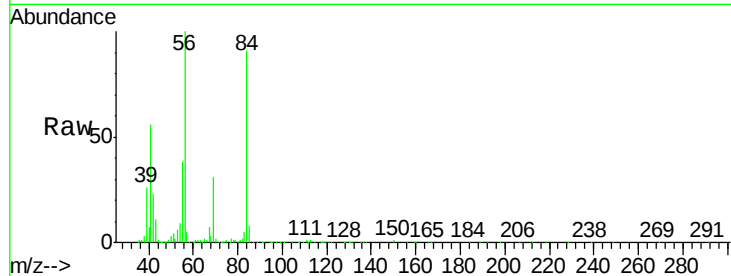
ClientSampleId :

VX0207WBSD01

Tot Ion:	56	Resp:	125733
Ion Ratio	Lower	Upper	
56	100		
69	30.9	23.0	34.6
84	89.8	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.446 ug/l

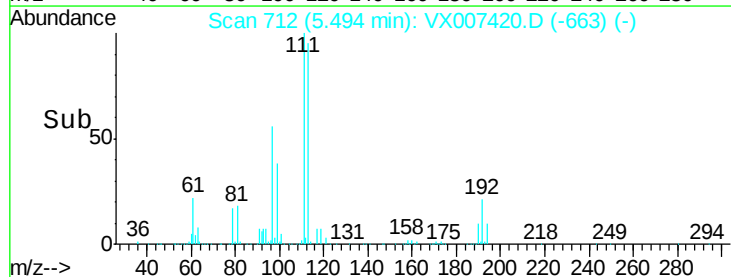
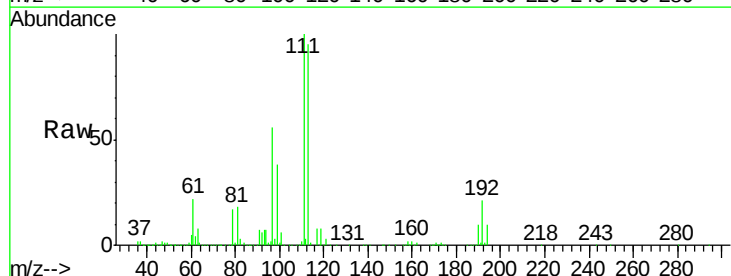
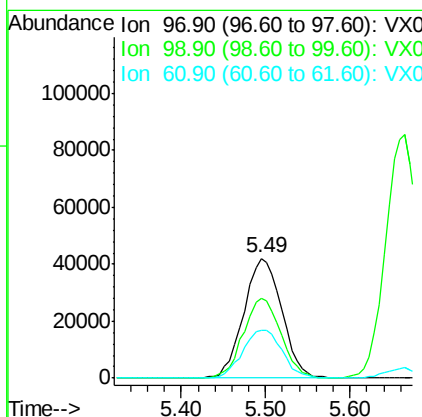
RT: 5.49 min Scan# 712

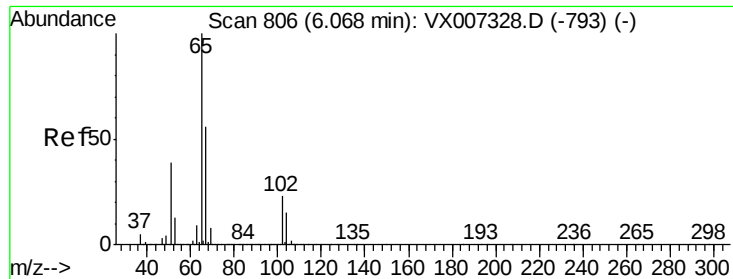
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion:	97	Resp:	128711
Ion Ratio	Lower	Upper	
97	100		
99	65.9	52.2	78.2
61	41.3	32.7	49.1





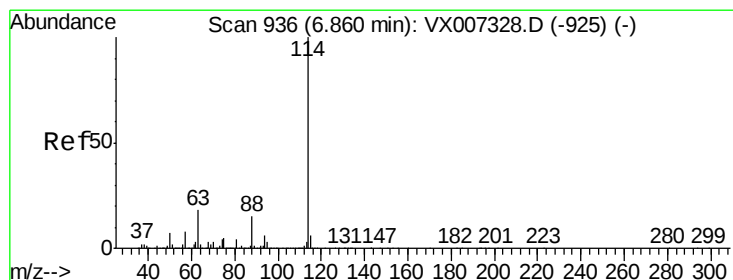
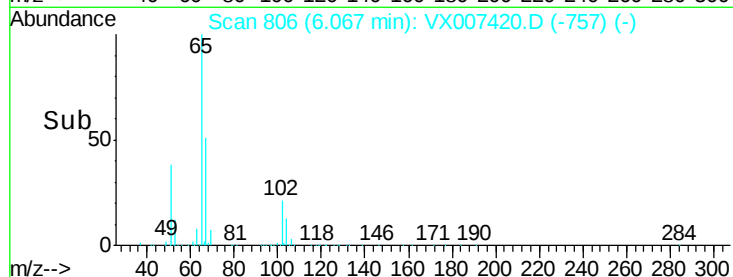
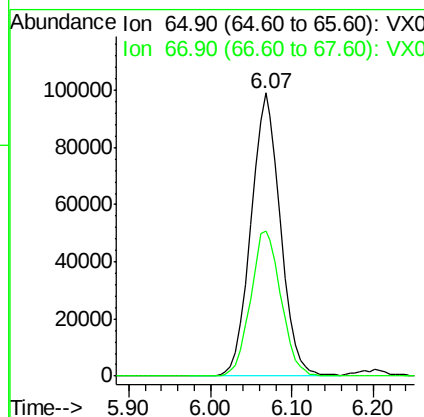
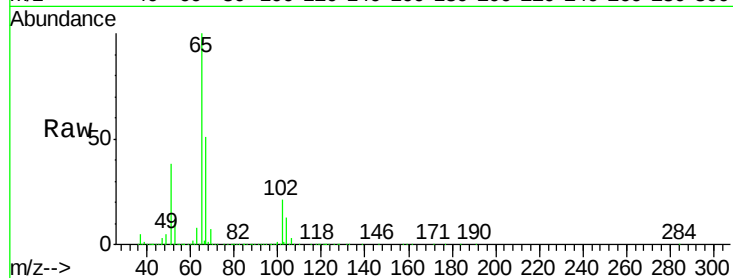
#33
 1,2-Dichloroethane-d4
 Concen: 48.663 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	248994		
67	53.2	0.0	108.8	

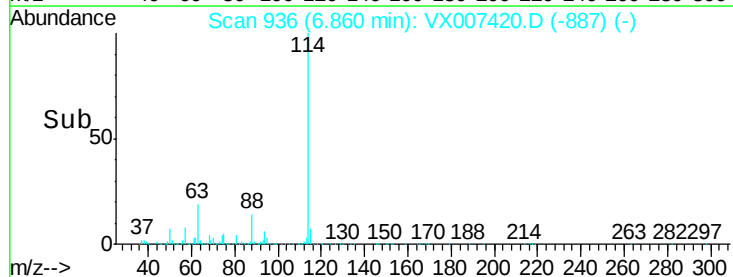
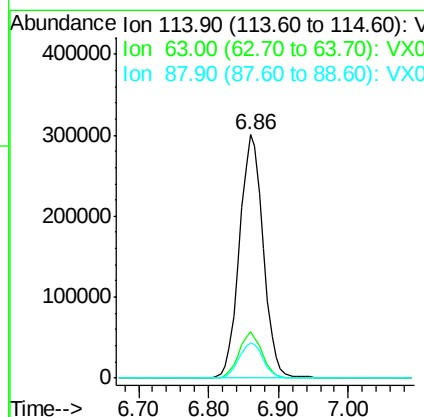
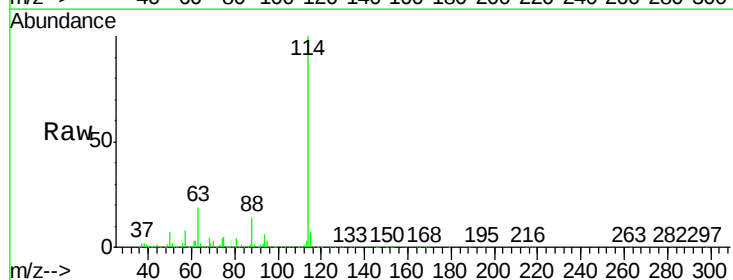
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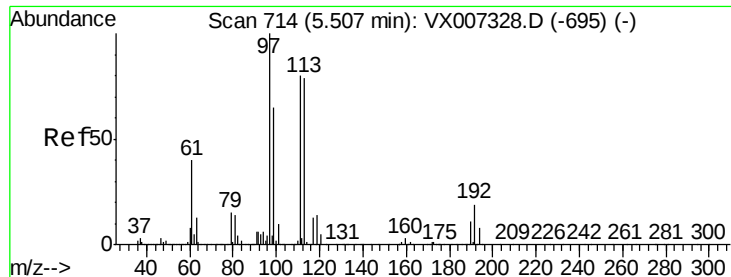
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	707124		
63	19.0	0.0	35.6	
88	14.4	0.0	29.6	





#35

Dibromofluoromethane

Concen: 48.767 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

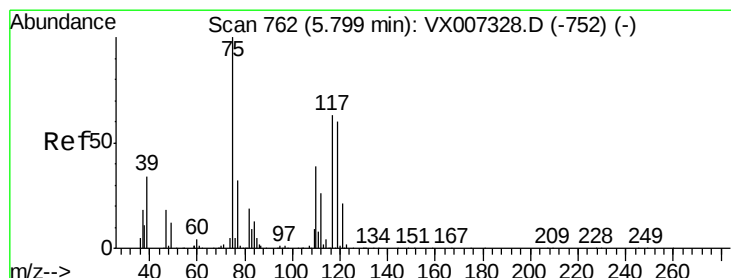
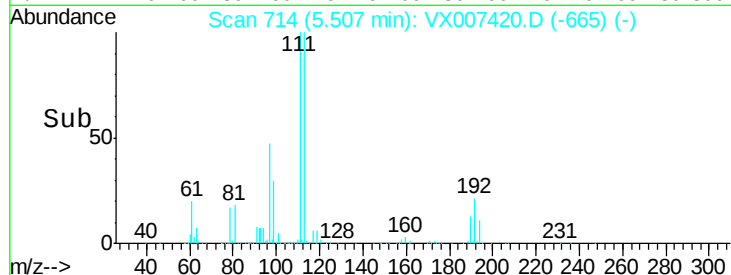
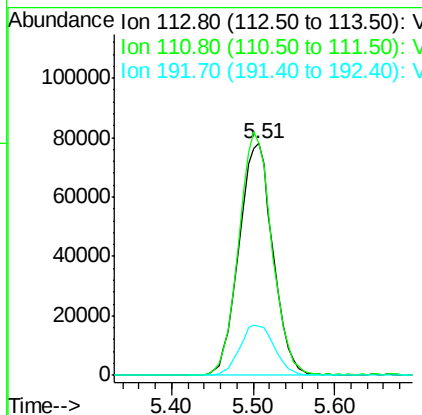
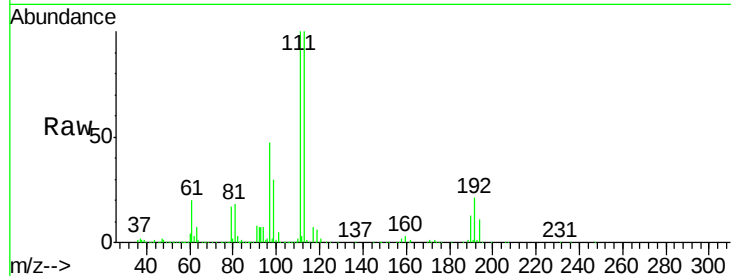
ClientSampleId :

VX0207WBSD01

Tot Ion:	113	Resp:	224376
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.8	122.8
192	22.4	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 17.572 ug/l

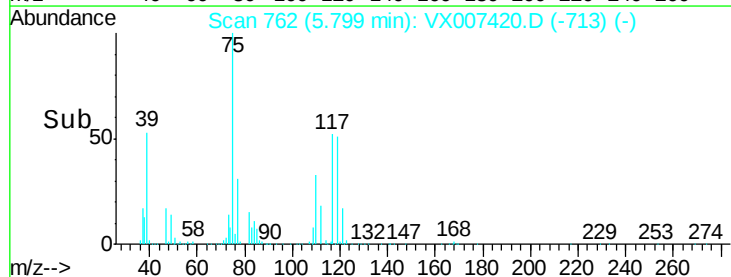
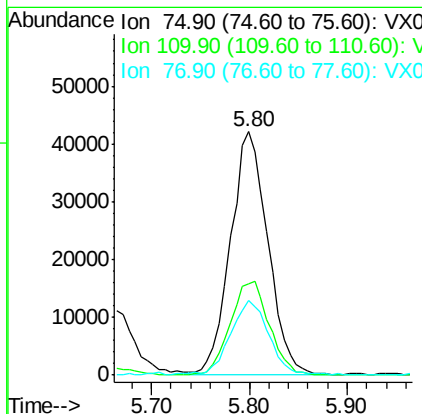
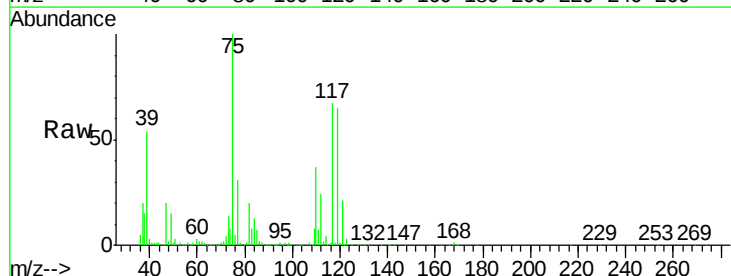
RT: 5.80 min Scan# 762

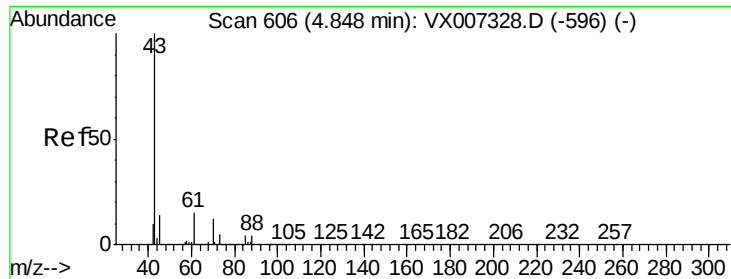
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion:	75	Resp:	111486
Ion Ratio	Lower	Upper	
75	100		
110	40.1	20.0	59.9
77	30.8	24.7	37.1





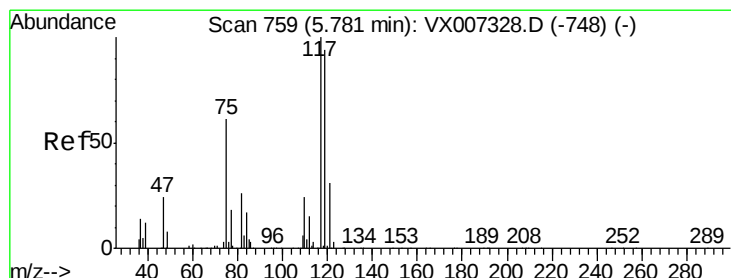
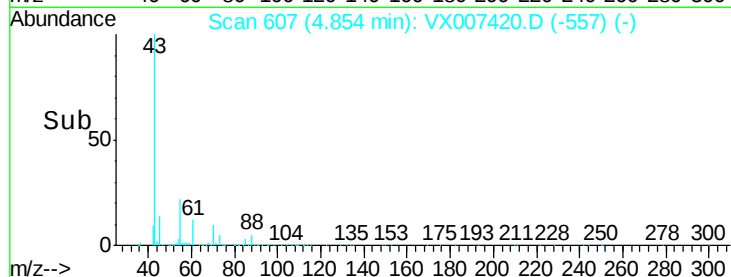
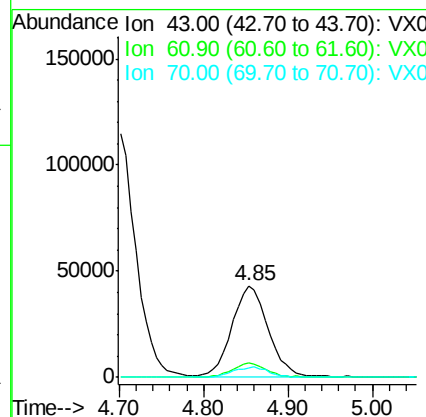
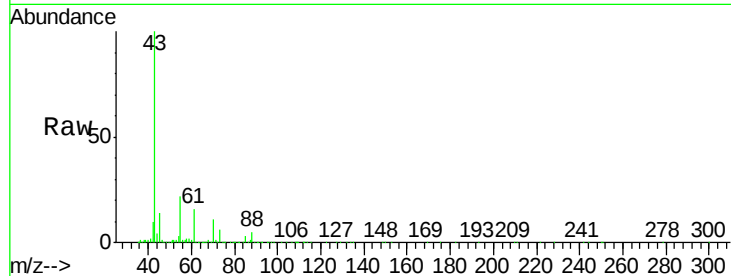
#37
Ethyl Acetate
Concen: 19.456 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	43	Resp	124785
Ion Ratio	Lower	Upper	
43	100		
61	14.5	11.3	16.9
70	11.3	8.6	13.0

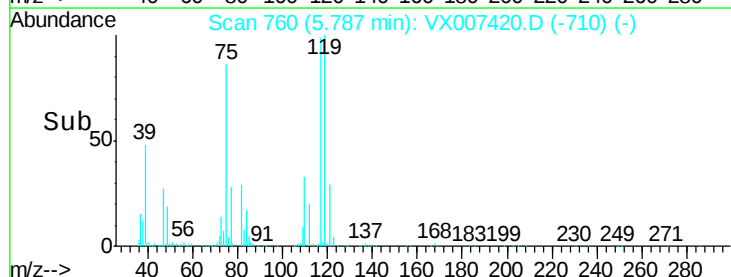
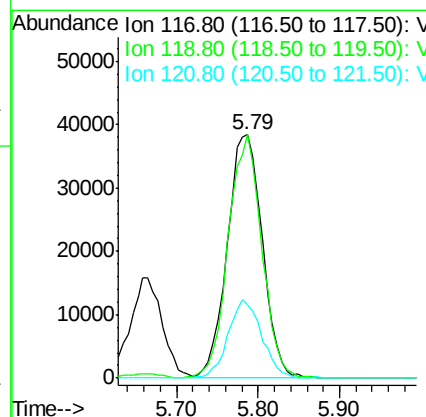
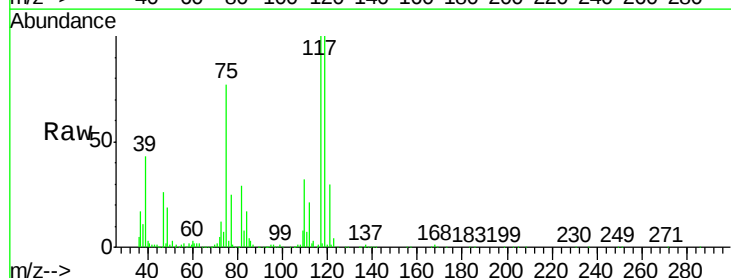
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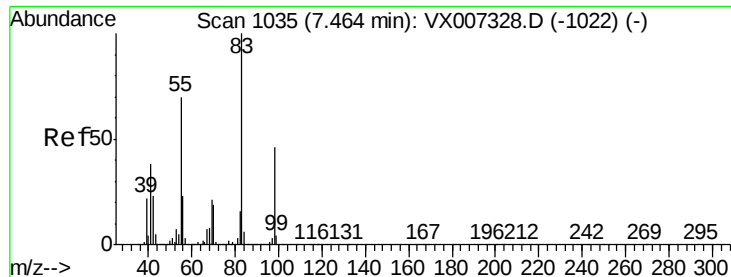
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#38
Carbon Tetrachloride
Concen: 18.514 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	117	Resp	113956
Ion Ratio	Lower	Upper	
117	100		
119	99.6	75.3	112.9
121	30.2	25.0	37.4





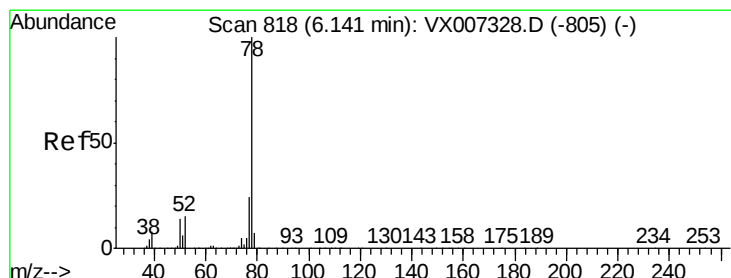
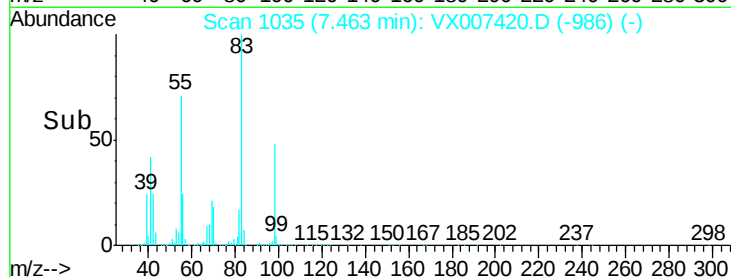
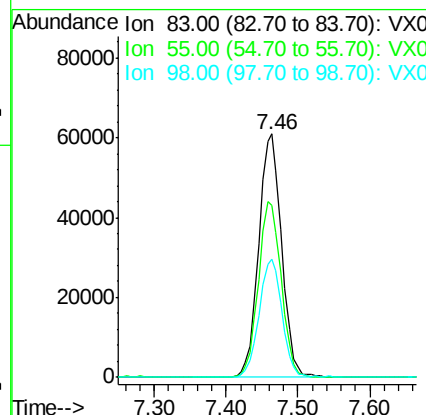
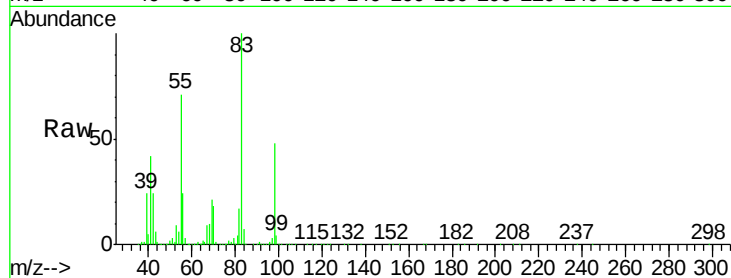
#39
Methvlcvclohexane
Concen: 17.576 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	56.2	84.2
98	48.3	36.8	55.2

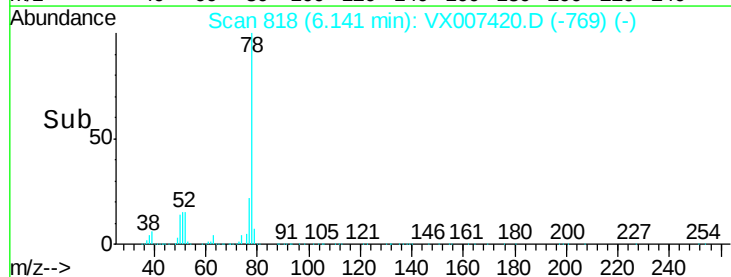
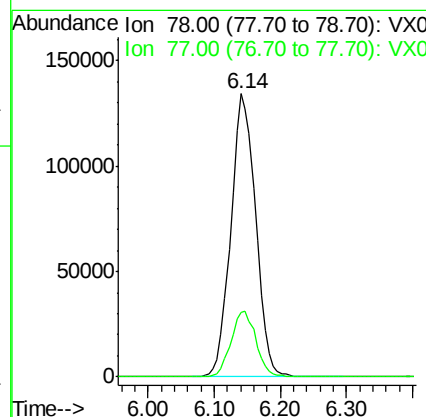
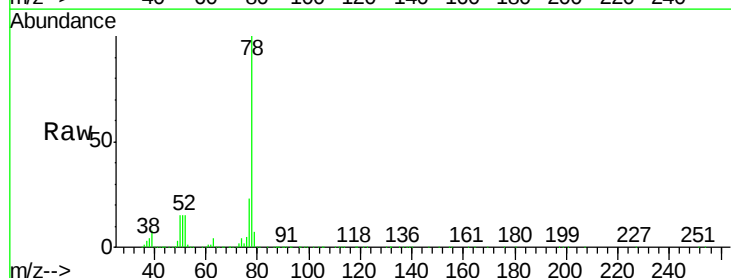
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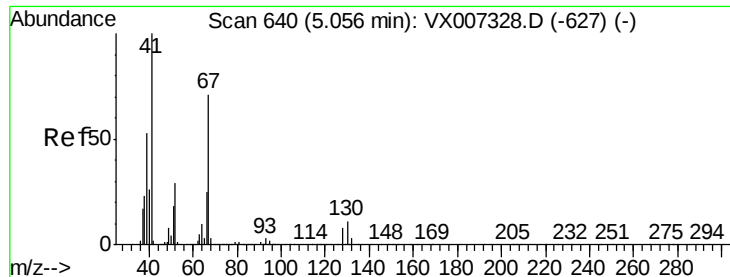
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#40
Benzene
Concen: 18.706 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.3	28.9





#41

Methacrylonitrile

Concen: 19.696 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

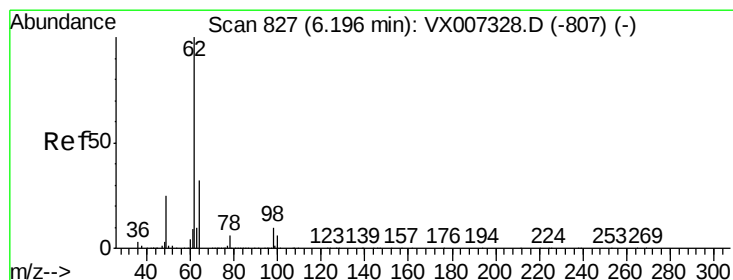
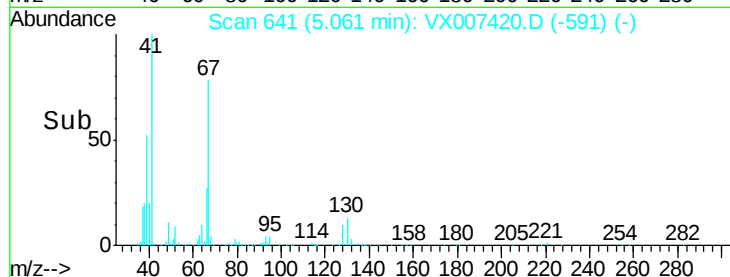
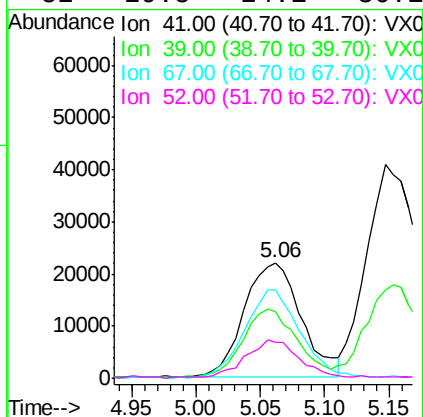
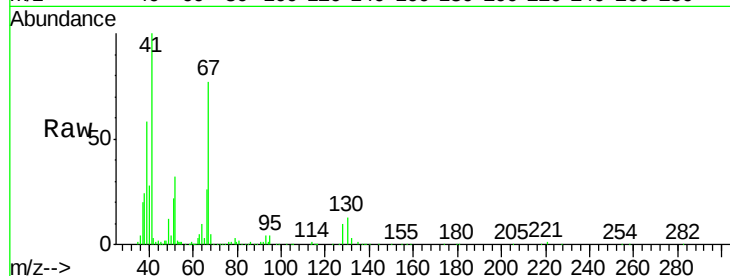
ClientSampleId :

VX0207WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.5	44.5	66.7	
67	75.5	60.4	90.6	
52	29.5	24.1	36.1	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.444 ug/l

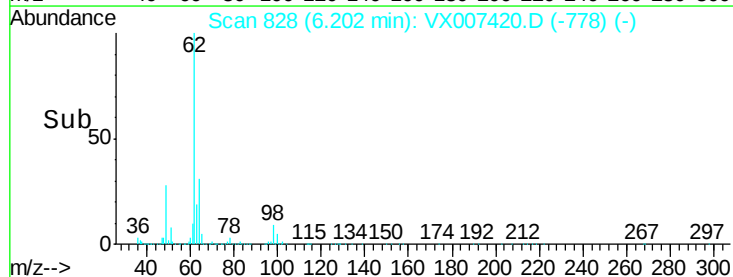
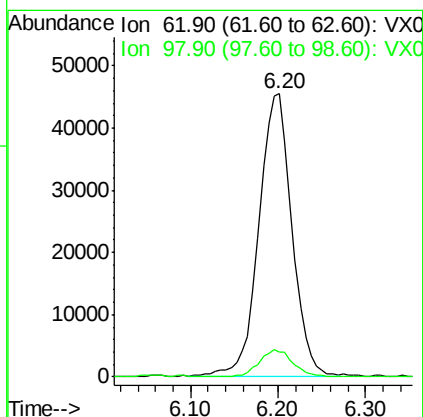
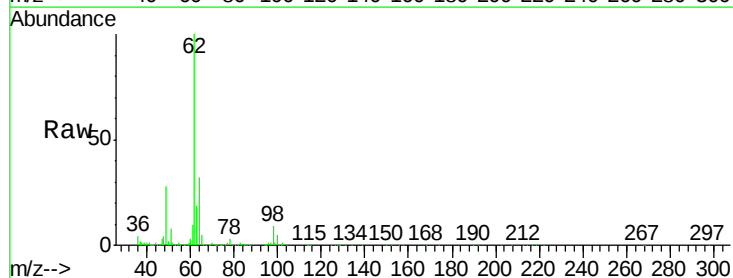
RT: 6.20 min Scan# 828

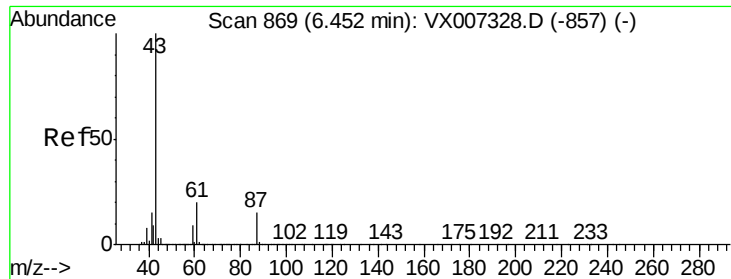
Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.0	





#43

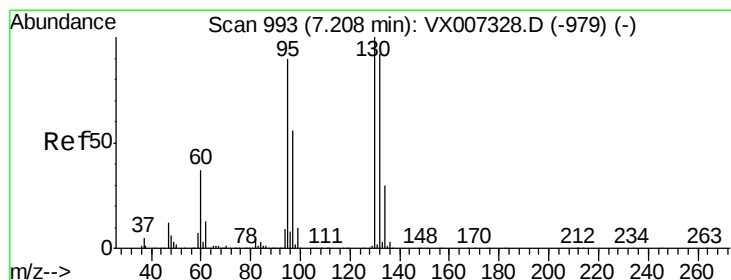
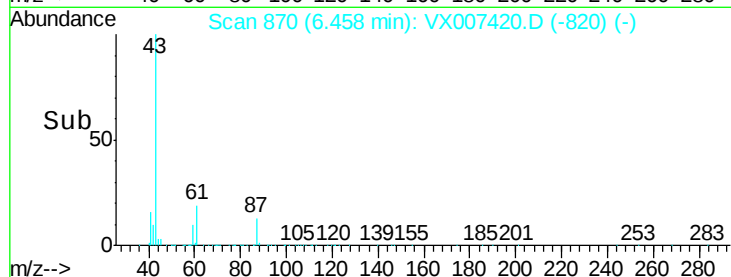
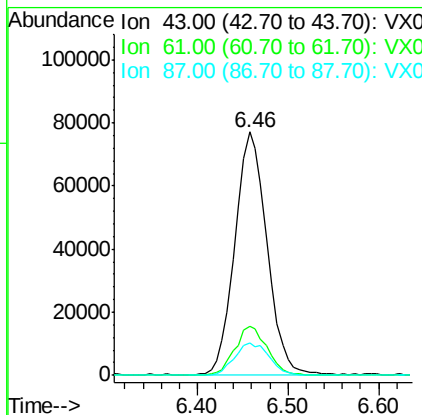
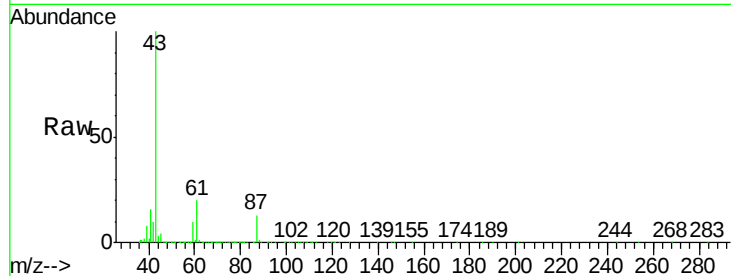
Isopropyl Acetate
 Concen: 19.245 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.1	24.1
87	14.3	11.5	17.3

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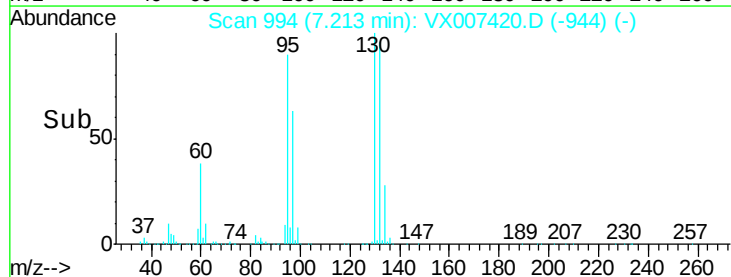
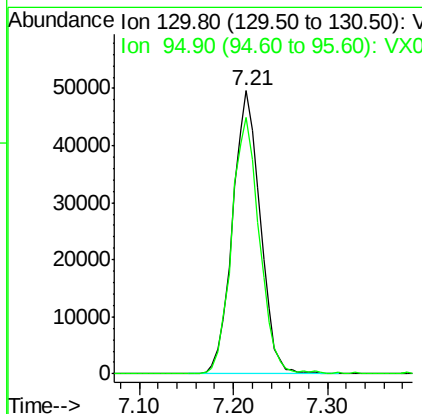
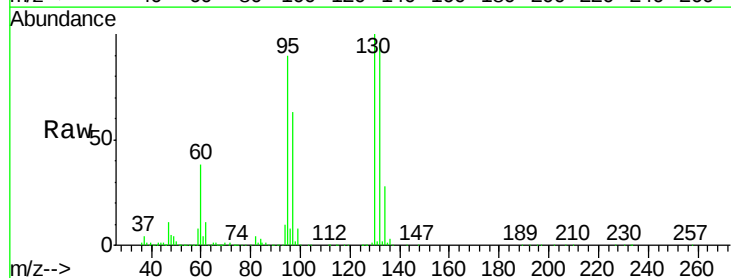
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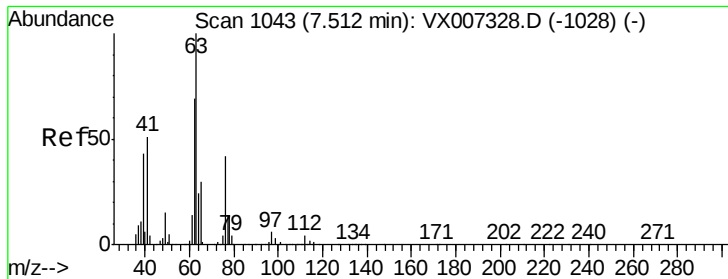


#44

Trichloroethene
 Concen: 17.988 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	180.0





#45

1,2-Dichloropropane

Concen: 18.474 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 63 Resp: 86507

Ion Ratio Lower Upper

63 100

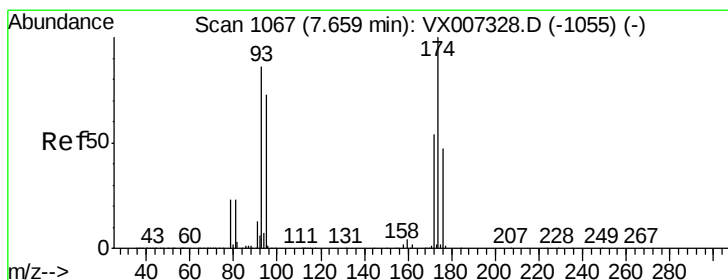
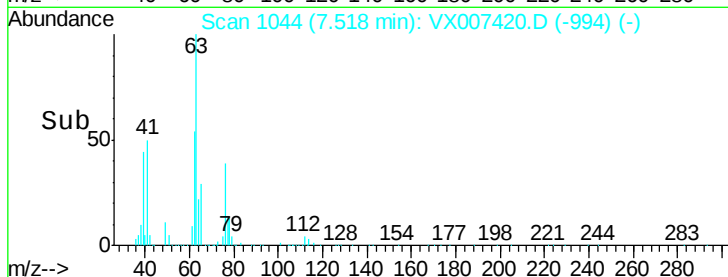
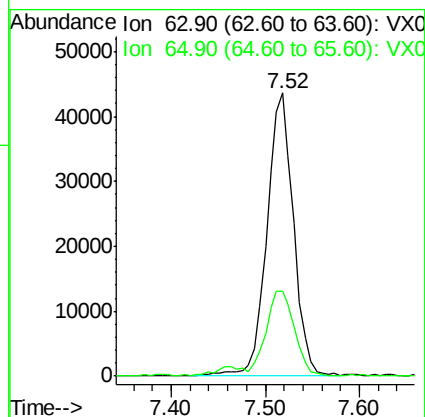
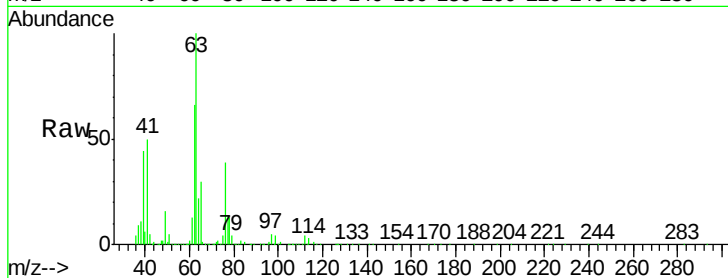
65 29.7 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 18.160 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

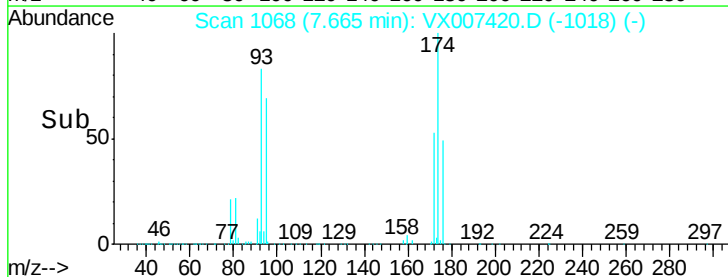
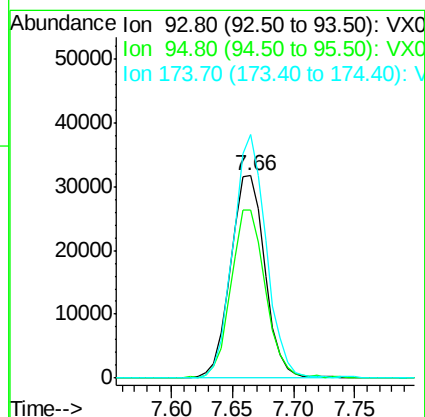
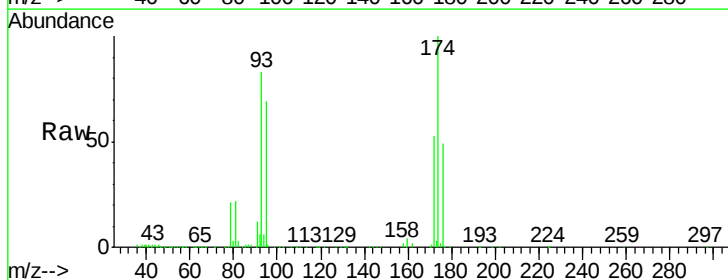
Tgt Ion: 93 Resp: 61804

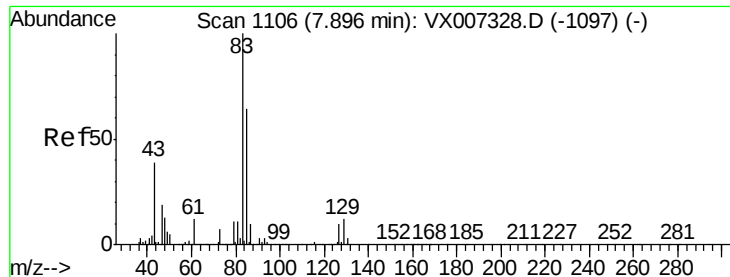
Ion Ratio Lower Upper

93 100

95 83.7 67.6 101.4

174 115.3 94.2 141.4





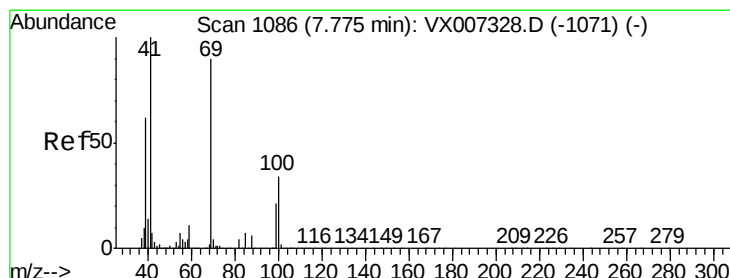
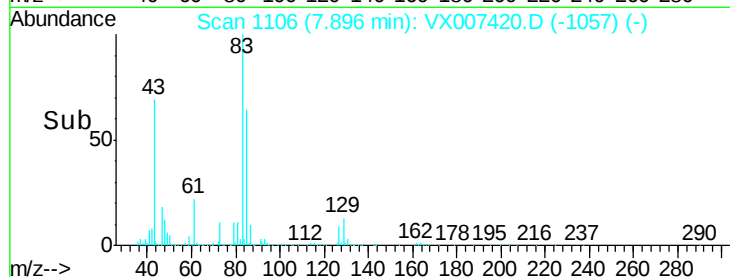
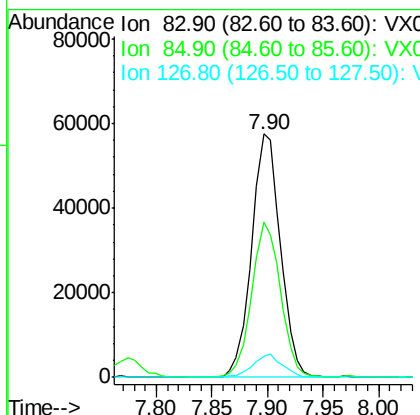
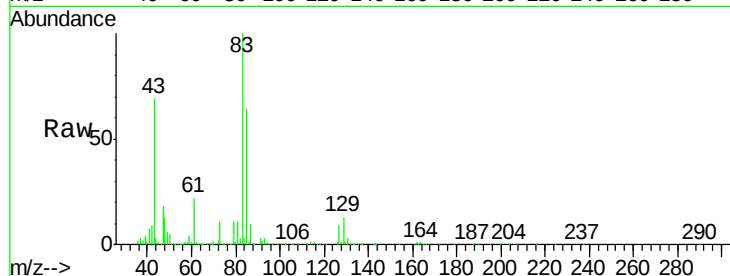
#47
Bromodichloromethane
Concen: 18.032 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	104007		
85	63.6		51.4	77.0
127	8.7		8.1	12.1

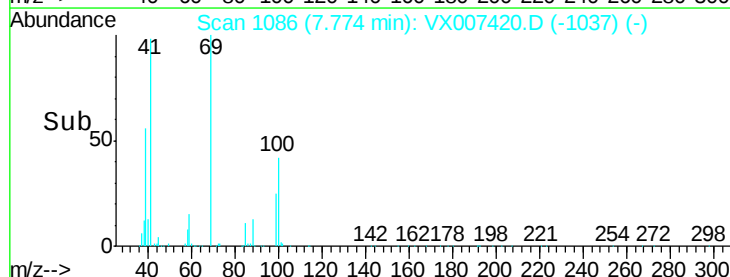
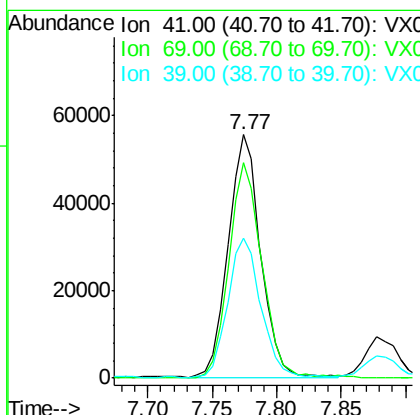
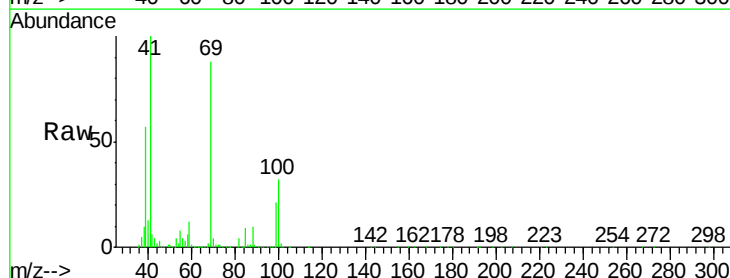
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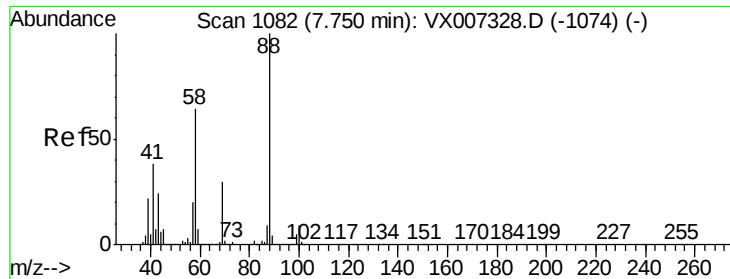
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#48
Methyl methacrylate
Concen: 19.649 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	97296		
69	90.3		70.2	105.4
39	58.4		47.4	71.0





#49

1,4-Dioxane

Concen: 431.553 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

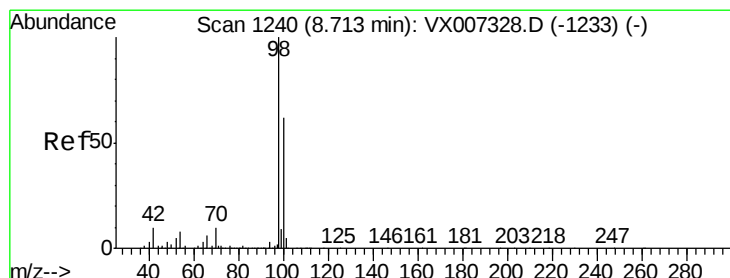
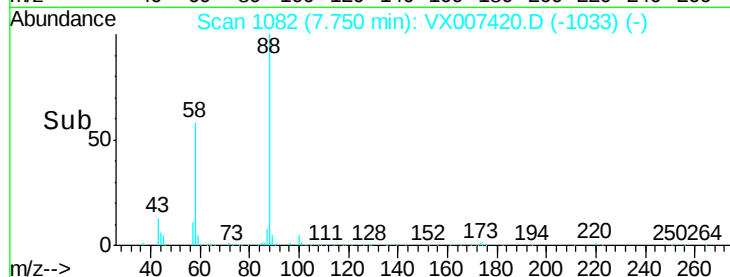
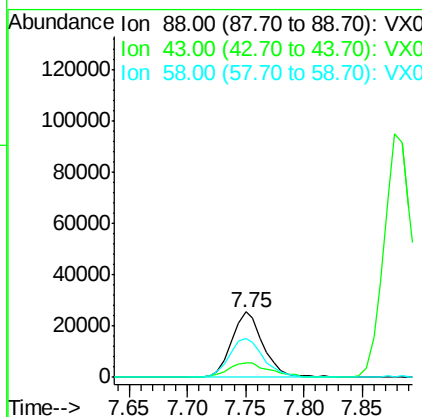
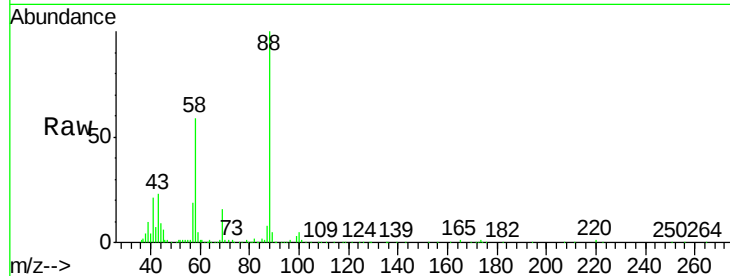
ClientSampleId :

VX0207WBSD01

Tot Ion:	88	Resp:	48154
Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.2	36.4
58	63.8	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.734 ug/l

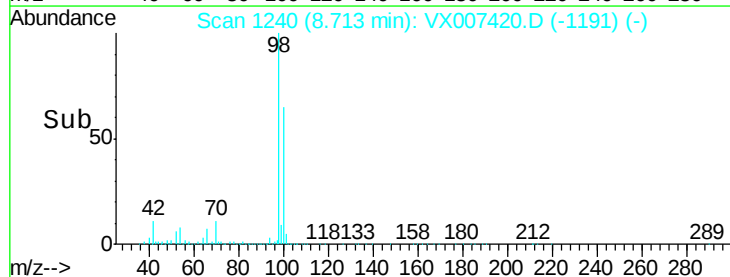
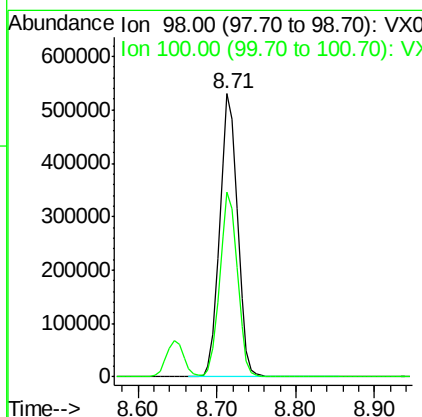
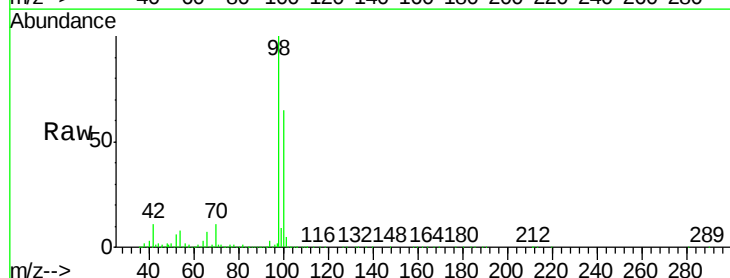
RT: 8.71 min Scan# 1240

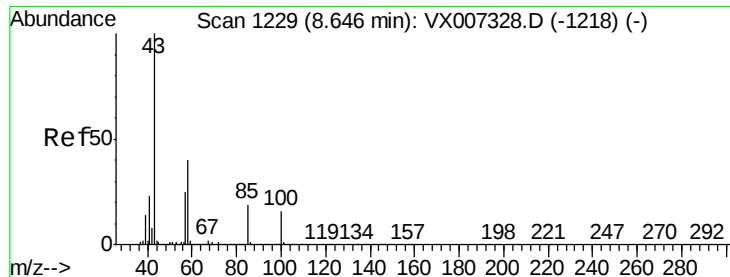
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion:	98	Resp:	831920
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4





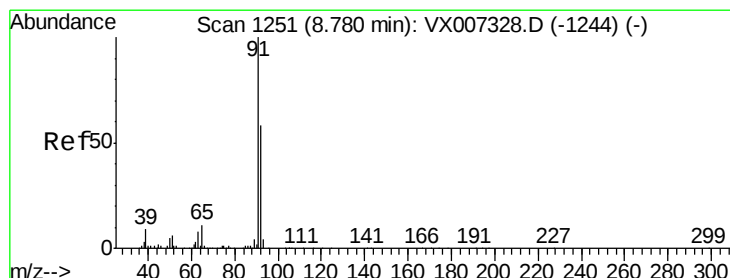
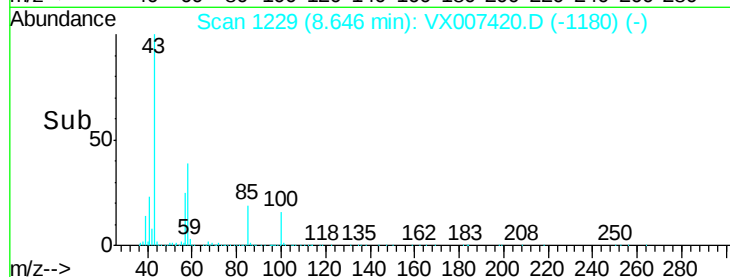
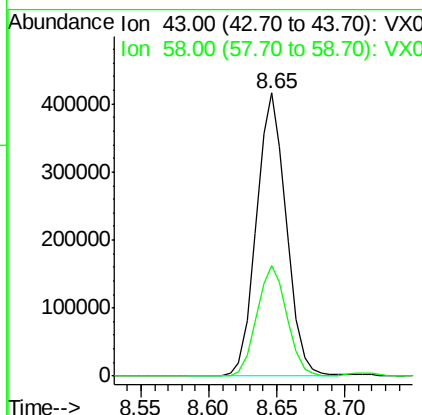
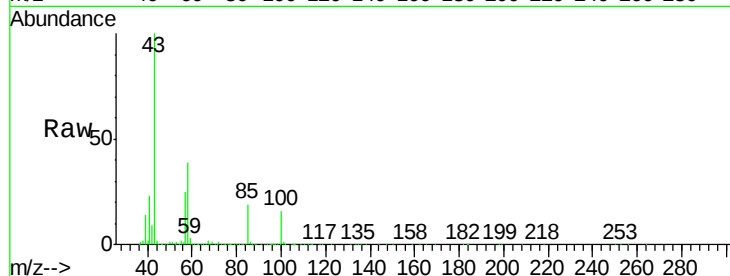
#51
4-Methyl-2-Pentanone
Concen: 98.386 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.2	46.8

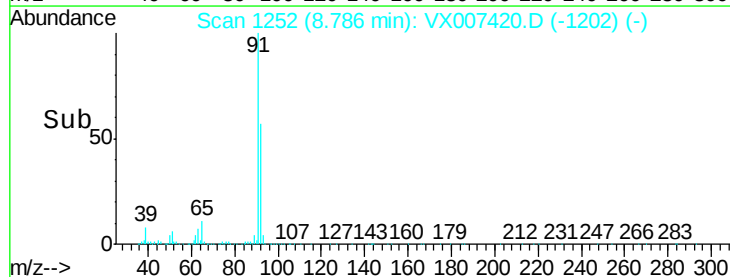
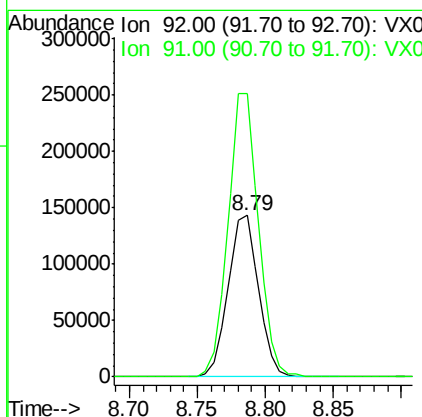
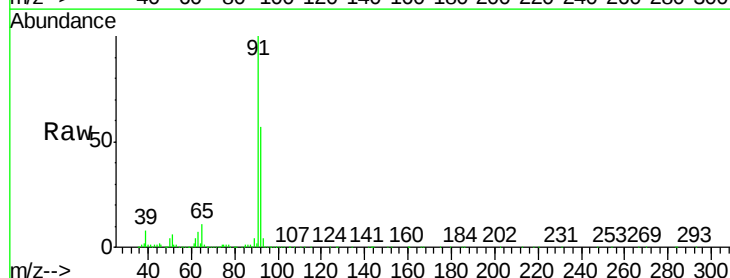
Manual Integrations
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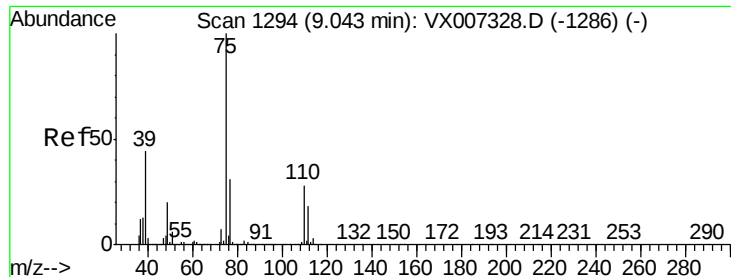
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#52
Toluene
Concen: 18.567 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.0	139.1	208.7





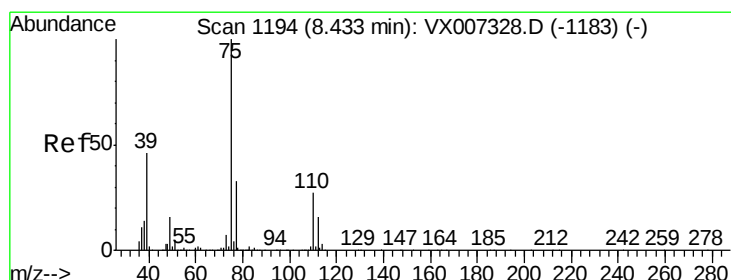
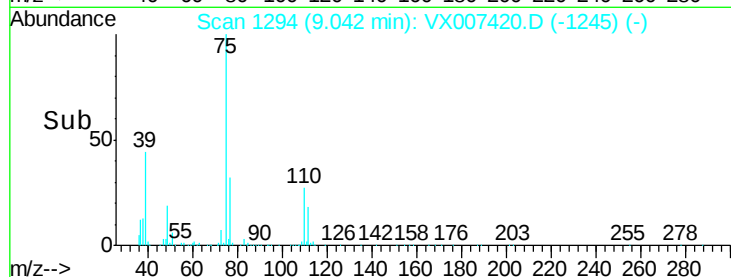
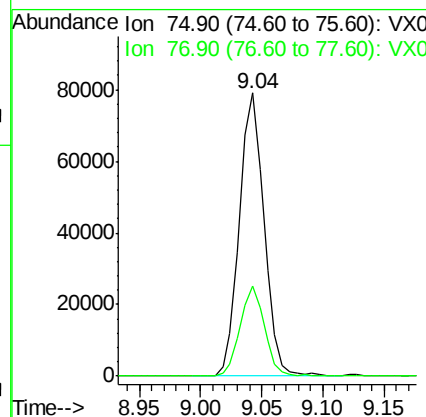
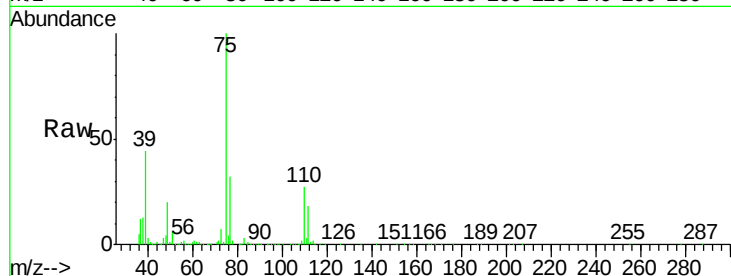
#53
t-1,3-Dichloropropene
Concen: 17.723 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.2	37.8

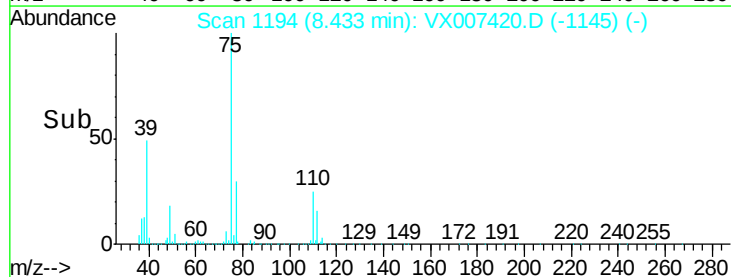
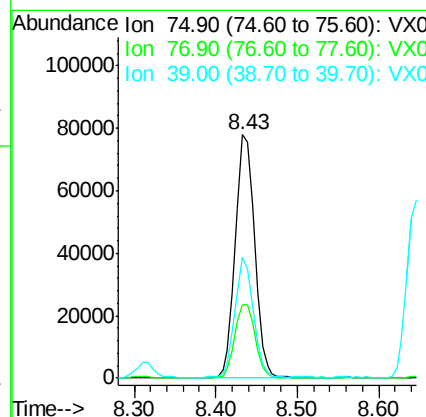
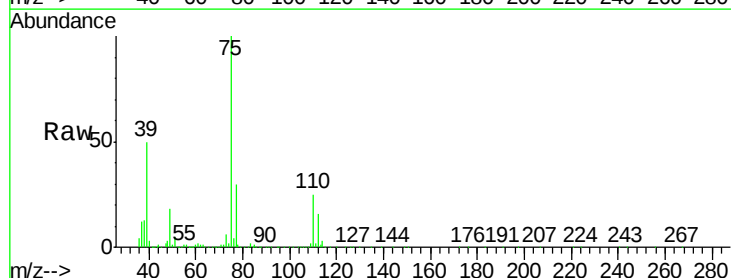
Manual Integrations
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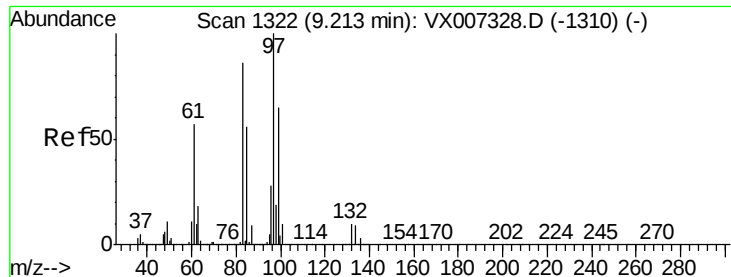
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#54
cis-1,3-Dichloropropene
Concen: 18.768 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.0	26.2	39.4
39	49.4	37.1	55.7





#55

1,1,2-Trichloroethane

Concen: 18.528 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

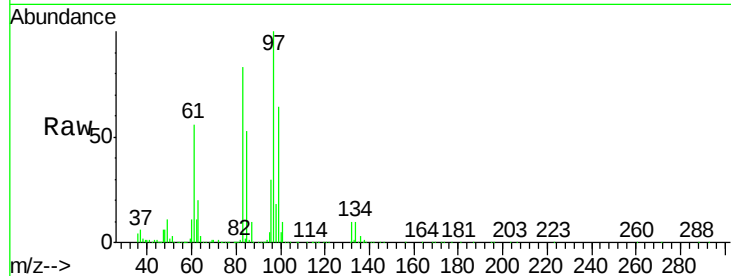
ClientSampleId :

VX0207WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		93127		
83	83.5	68.6	102.8		
85	53.4	44.5	66.7		
99	64.4	52.2	78.4		

Manual Integrations
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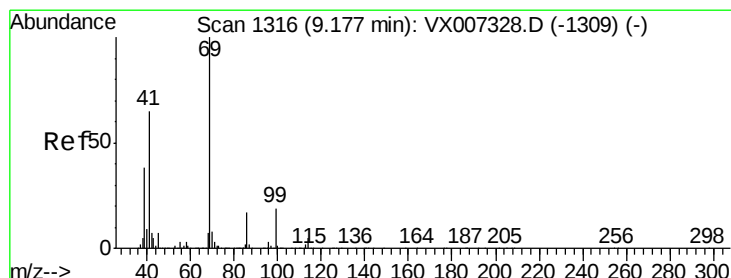
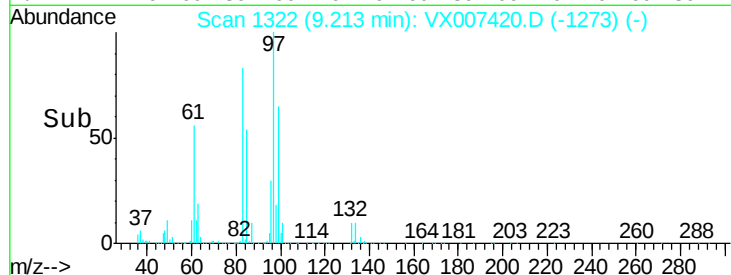
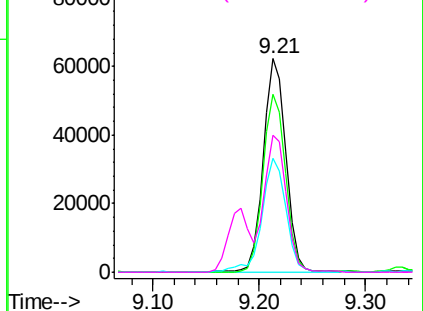


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.934 ug/l

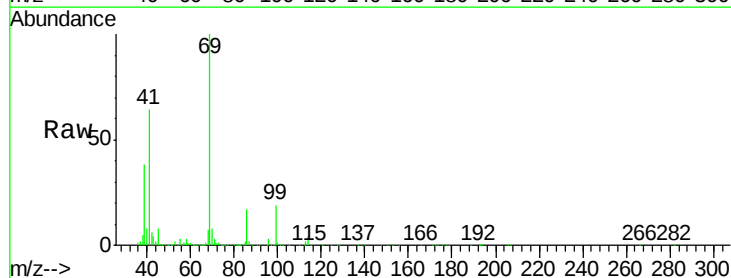
RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

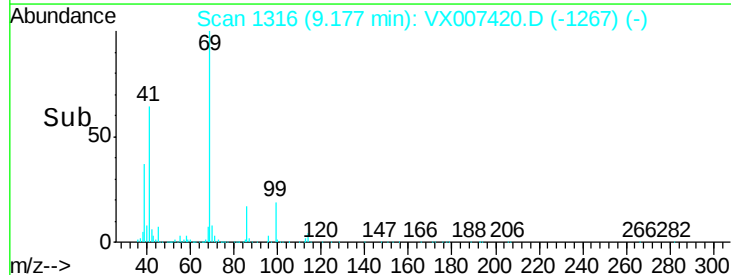
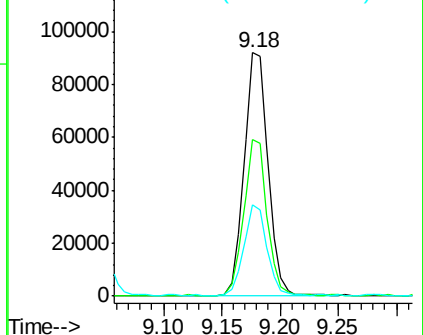
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		131808		
41	62.1	52.1	78.1		
39	35.8	30.1	45.1		

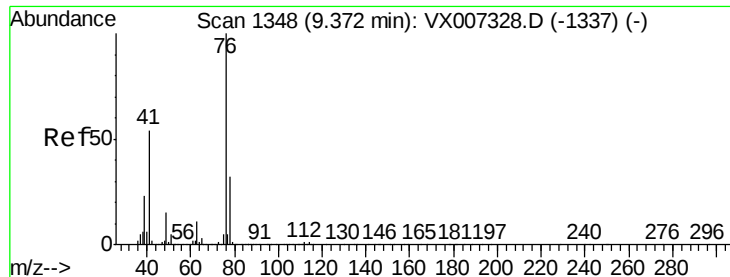


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.943 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 76 Resp: 151417

Ion Ratio Lower Upper

76 100

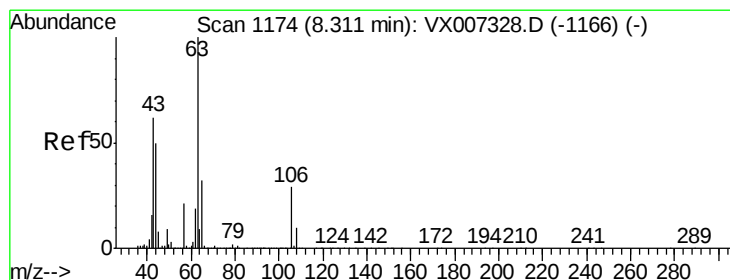
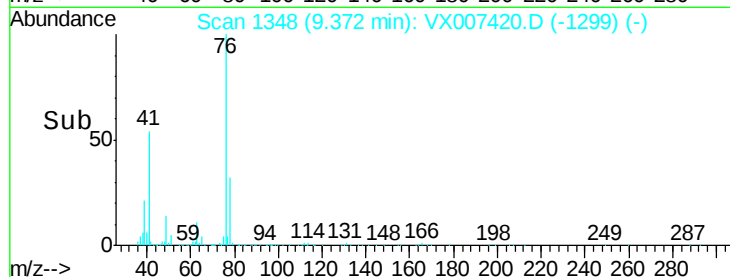
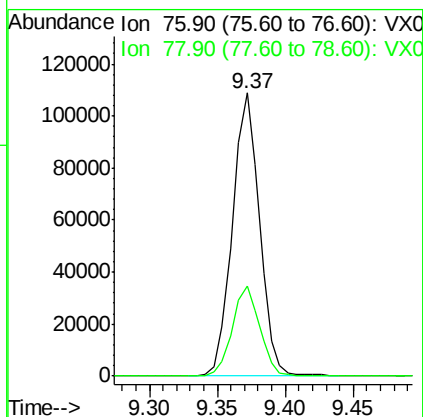
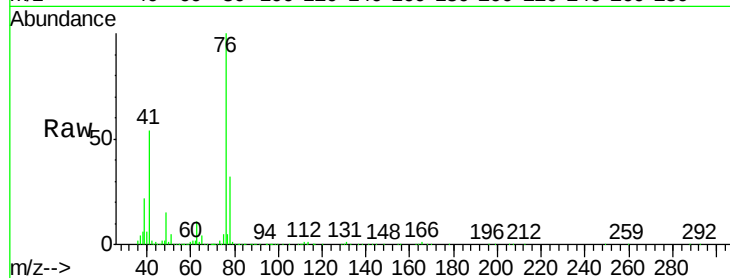
78 32.2 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 96.083 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007420.D

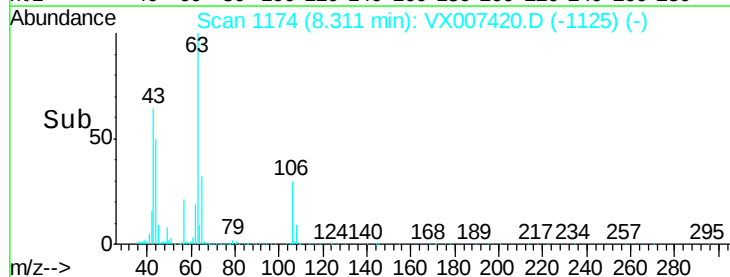
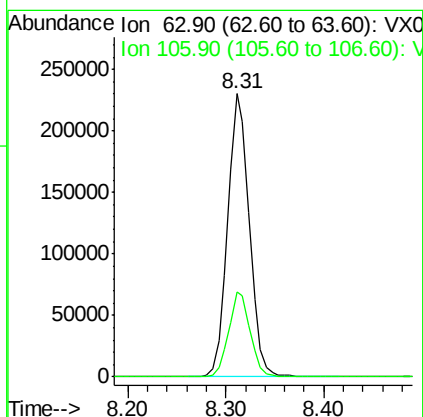
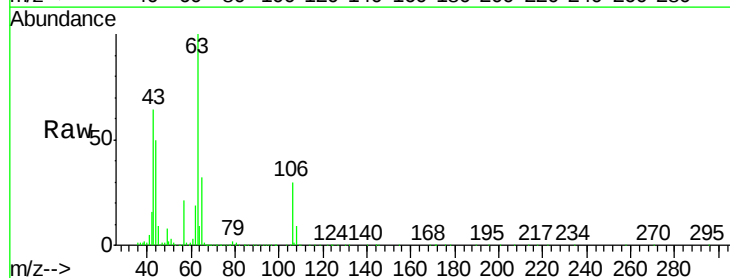
Acq: 07 Feb 2019 12:56

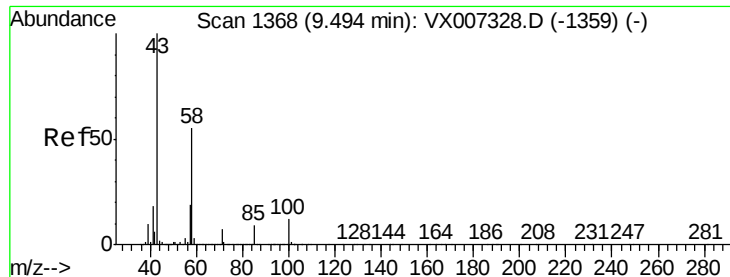
Tgt Ion: 63 Resp: 352559

Ion Ratio Lower Upper

63 100

106 30.1 23.6 35.4





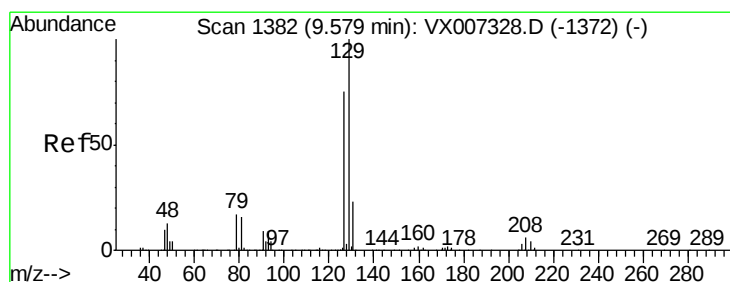
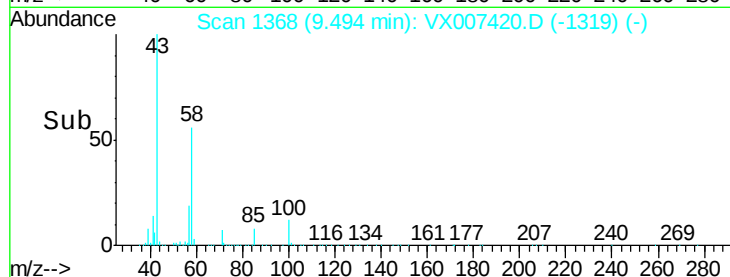
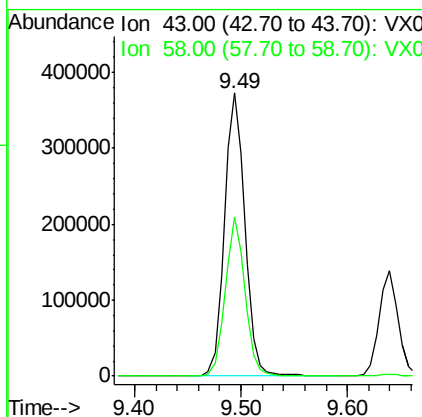
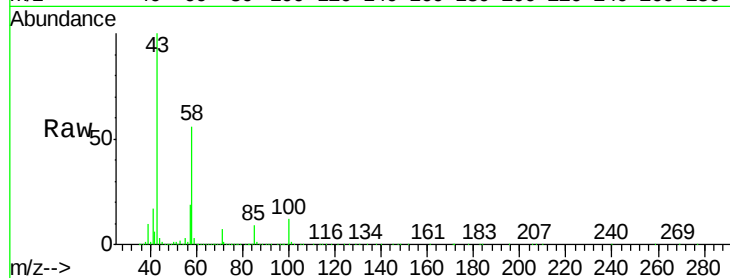
#59
2-Hexanone
Concen: 99.020 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion: 43 Resp: 502151
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3

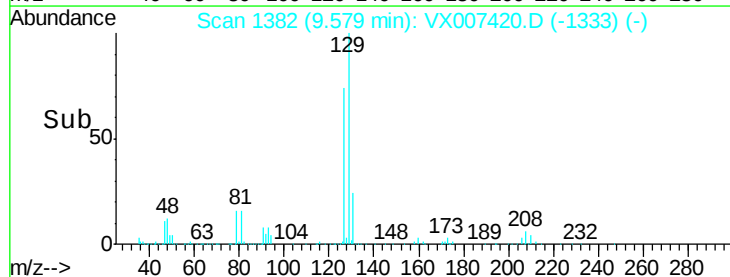
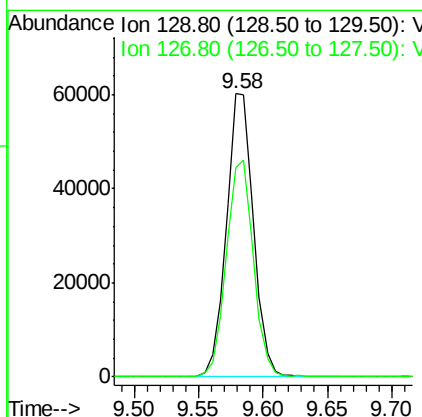
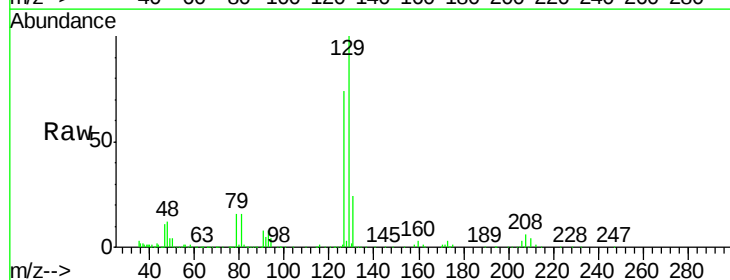
Manual Integrations
APPROVED

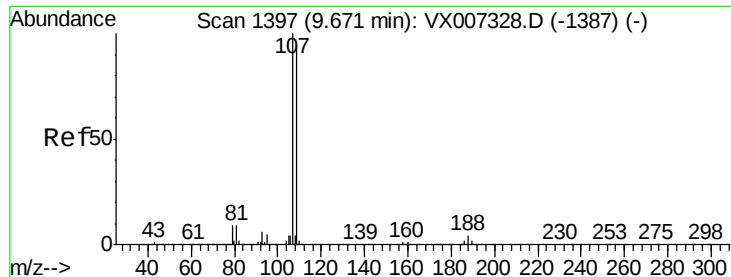
MMDadoda
2/11/2019 12:27:59 PM



#60
Dibromochloromethane
Concen: 18.709 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion: 129 Resp: 88936
Ion Ratio Lower Upper
129 100
127 76.7 37.8 113.4





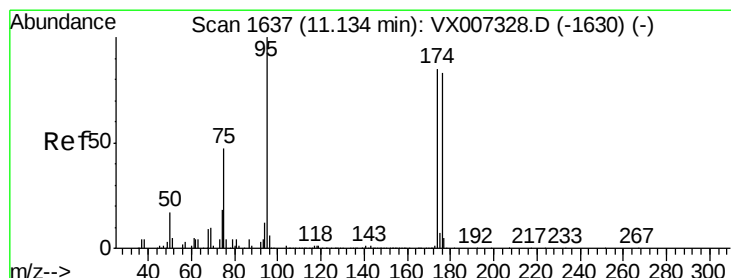
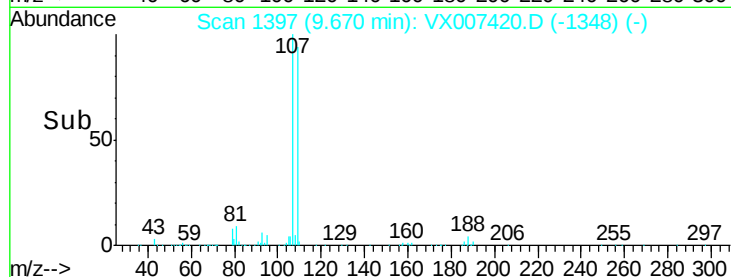
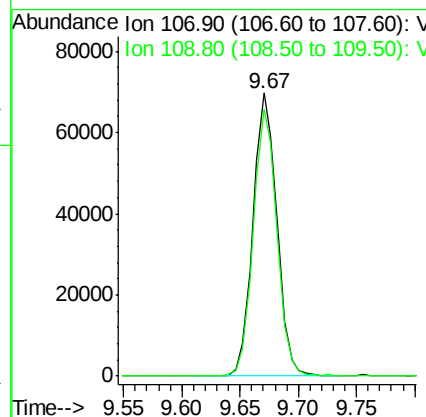
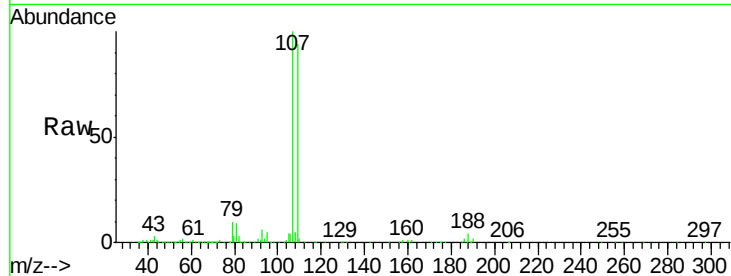
#61
 1,2-Dibromoethane
 Concen: 18.804 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.1	112.7

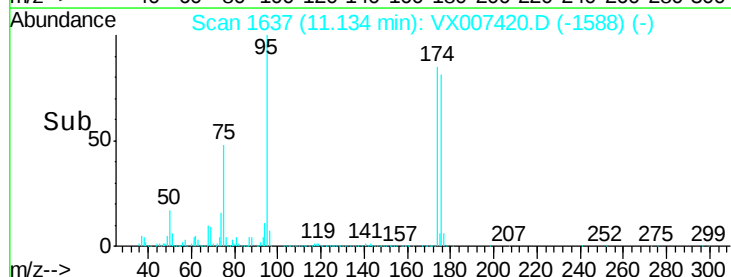
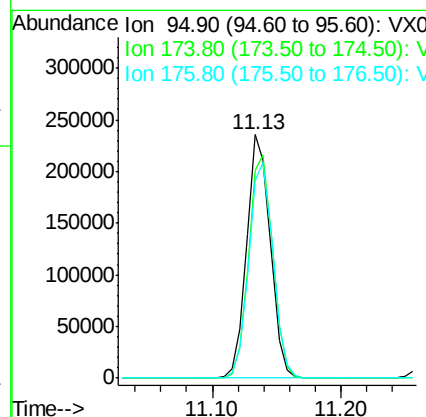
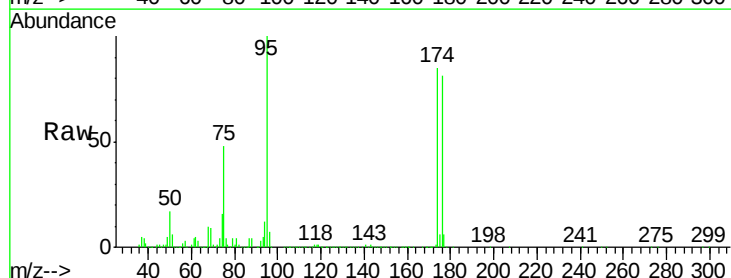
Manual Integrations
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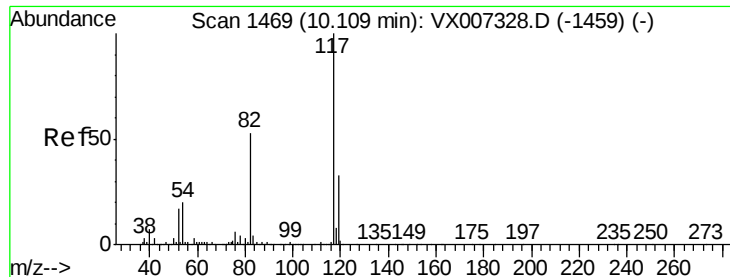
MMDadoda
 2/11/2019 12:27:59 PM



#62
 4-Bromofluorobenzene
 Concen: 47.430 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	189.2
176	90.7	0.0	186.2





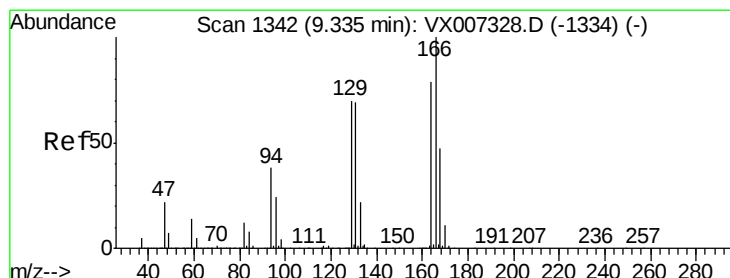
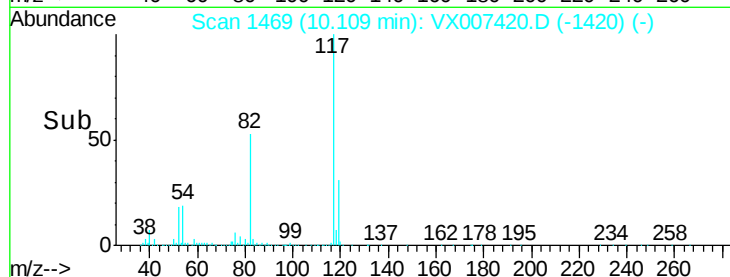
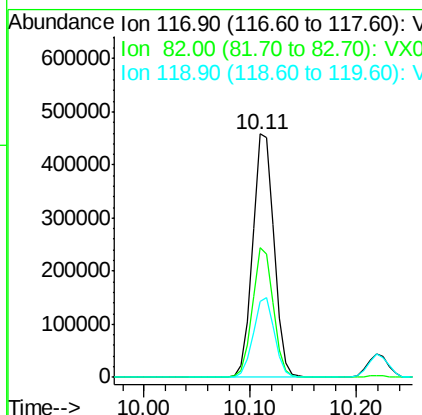
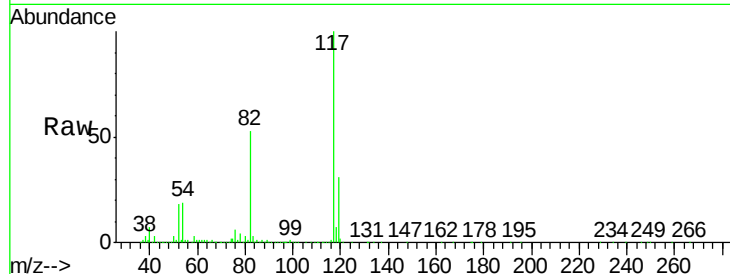
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.1	63.1
119	31.3	26.5	39.7

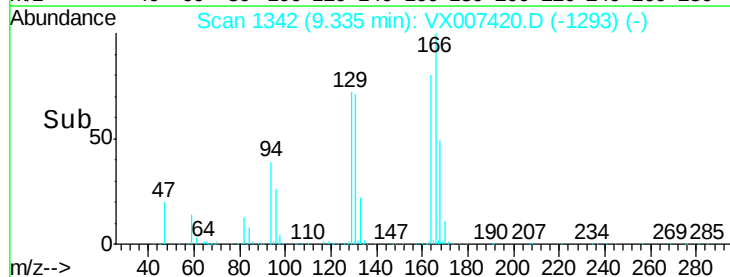
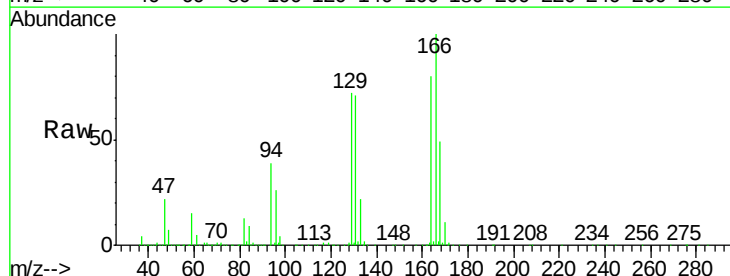
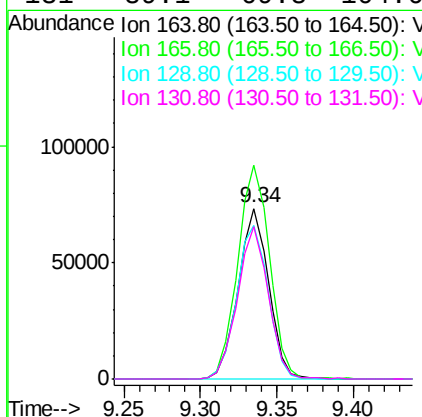
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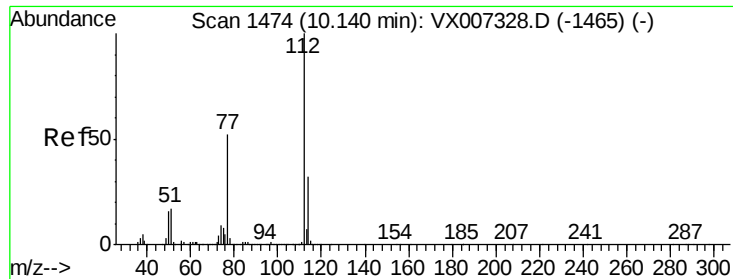
MMDadoda
2/11/2019 12:27:59 PM



#64
Tetrachloroethene
Concen: 16.767 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	101.0	151.4
129	89.7	70.5	105.7
131	89.1	69.8	104.6





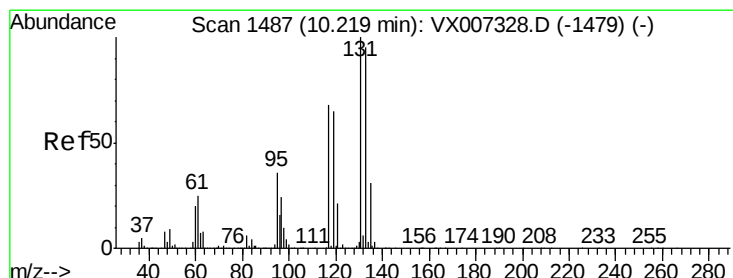
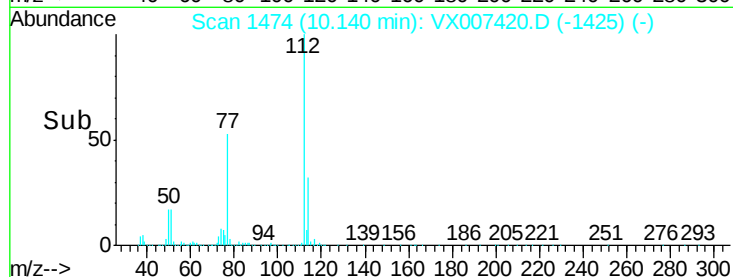
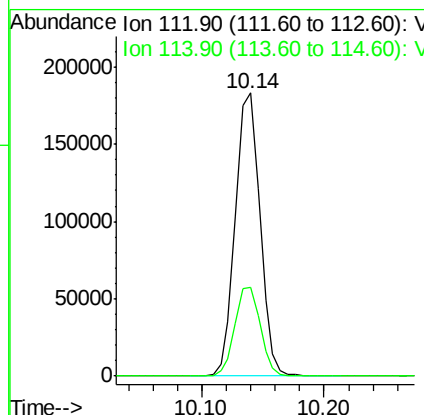
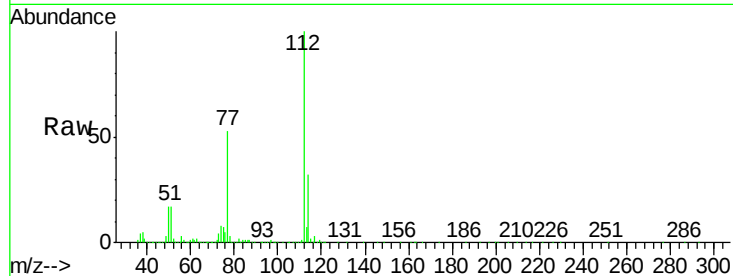
#65
Chlorobenzene
Concen: 18.201 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	255963		
114	31.6	25.8	38.6	

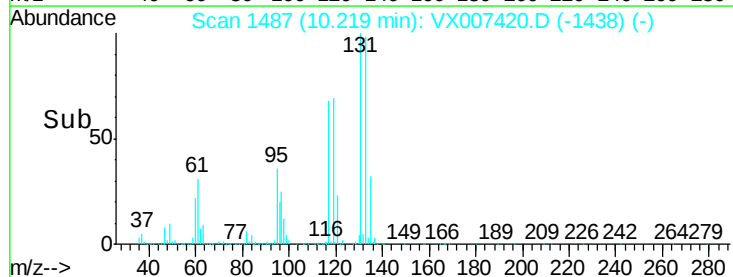
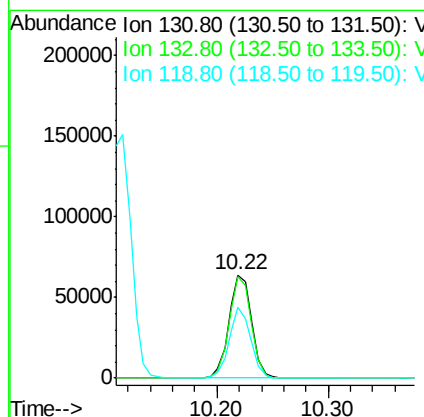
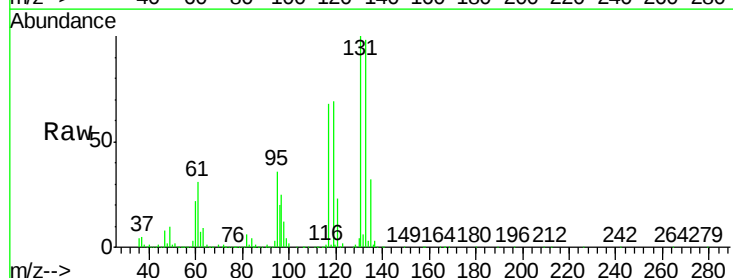
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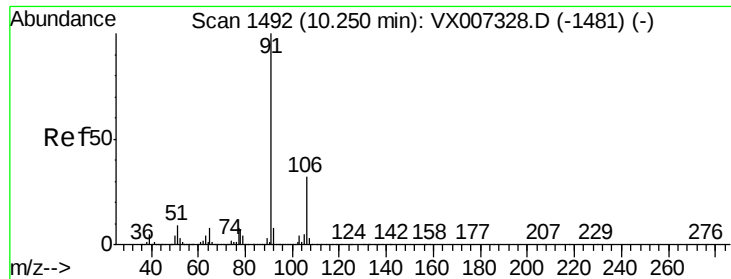
MMDadoda
2/11/2019 12:27:59 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.060 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	89868		
133	95.5	48.0	144.2	
119	64.8	32.0	96.0	





#67

Ethyl Benzene

Concen: 18.317 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampled :

VX0207WBSD01

Tot Ion: 91 Resp: 414830

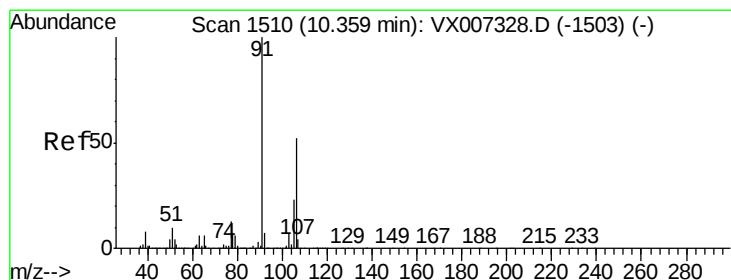
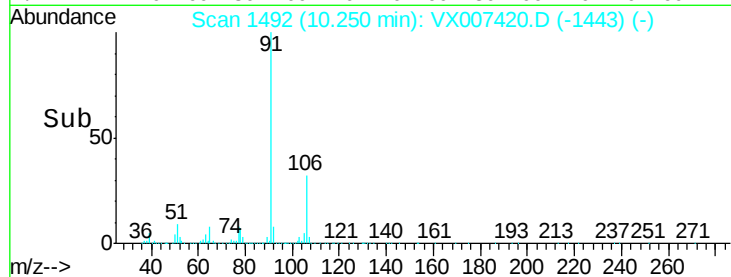
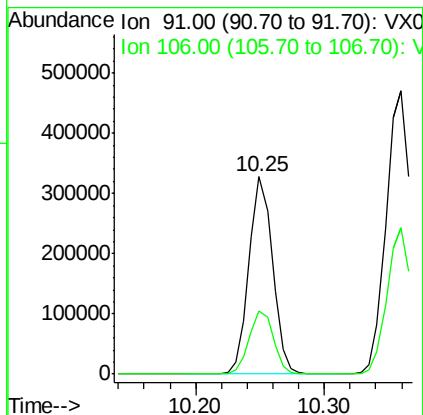
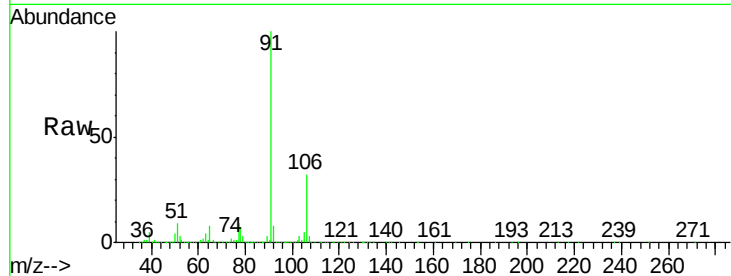
Ion Ratio Lower Upper

91 100

106 32.1 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 35.975 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007420.D

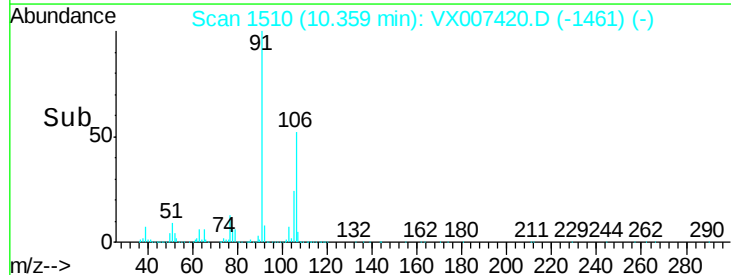
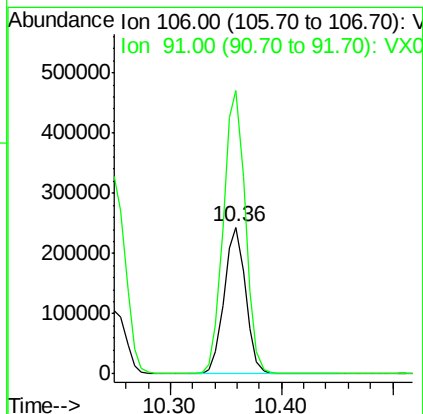
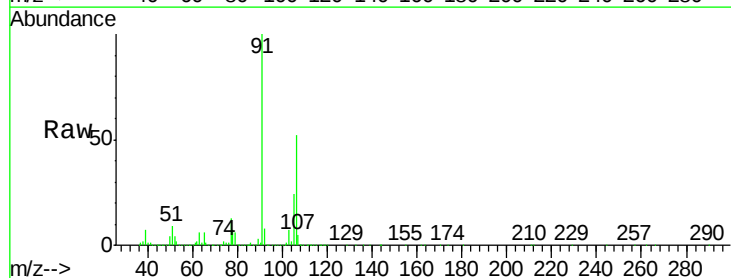
Acq: 07 Feb 2019 12:56

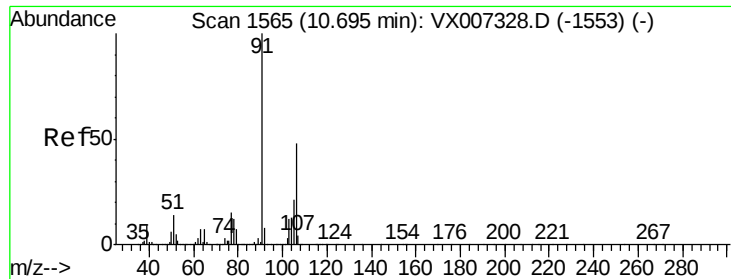
Tgt Ion: 106 Resp: 323868

Ion Ratio Lower Upper

106 100

91 198.0 156.6 234.8





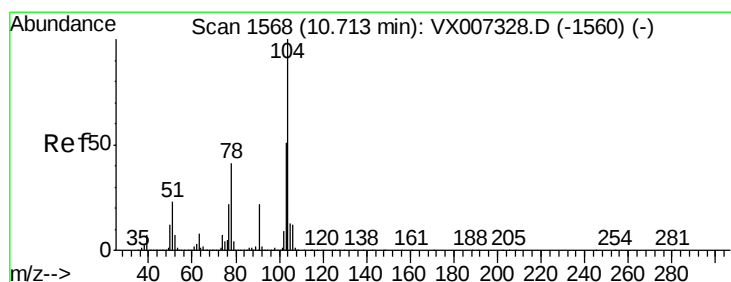
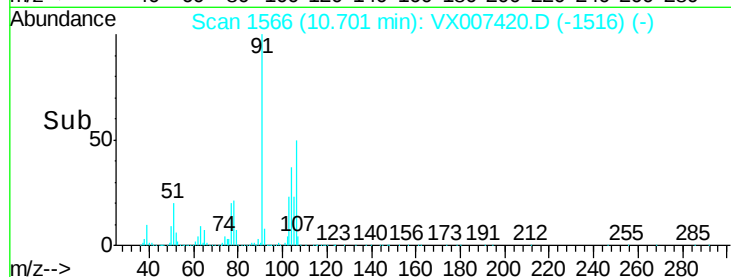
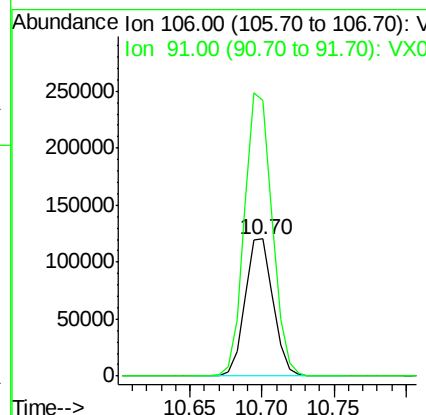
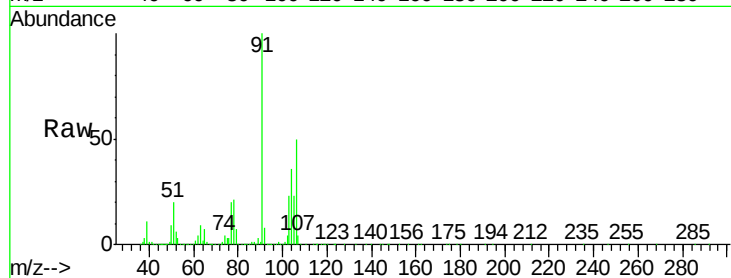
#69
o-Xylene
Concen: 18.564 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.6	102.9	308.7

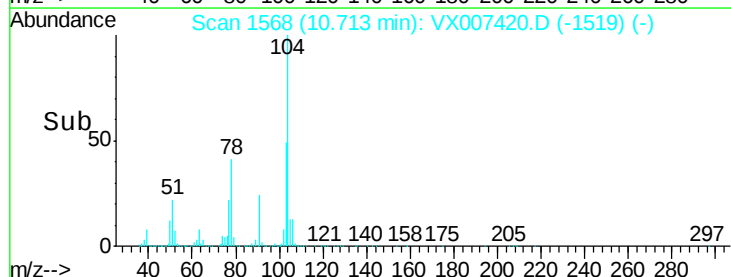
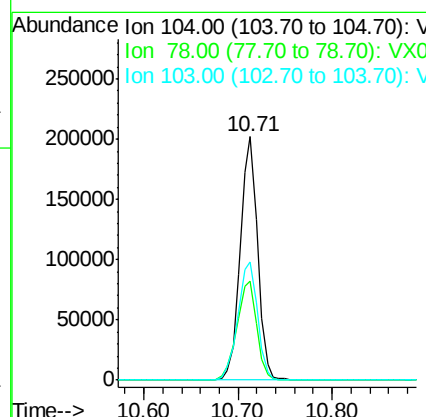
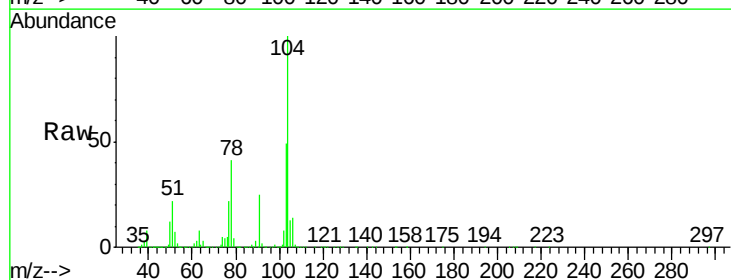
Manual Integrations
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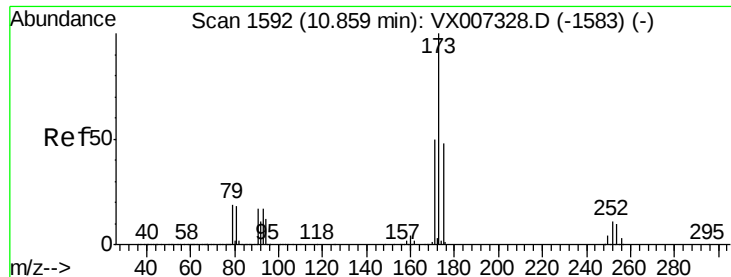
MMDadoda
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#70
Styrene
Concen: 18.422 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.5	38.3	57.5
103	54.9	44.6	67.0





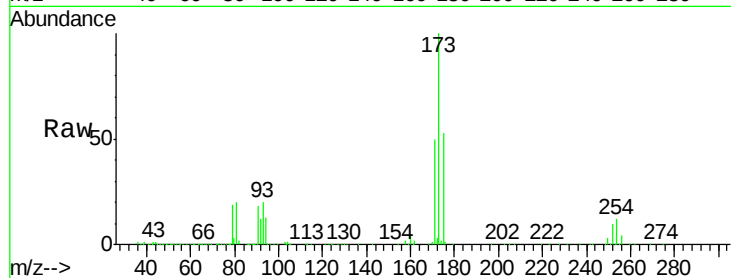
#71
Bromoform
Concen: 17.942 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

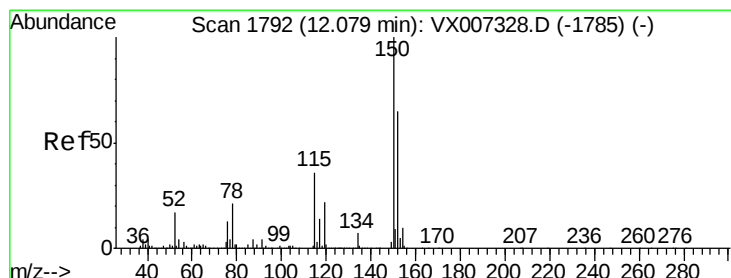
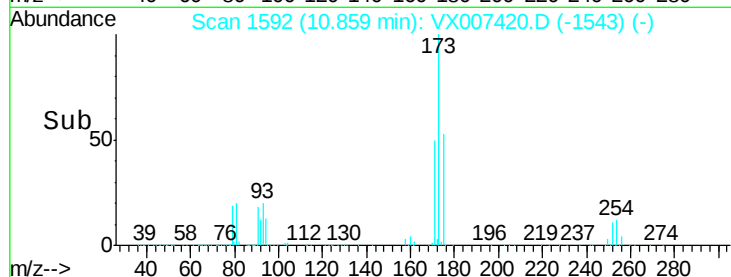
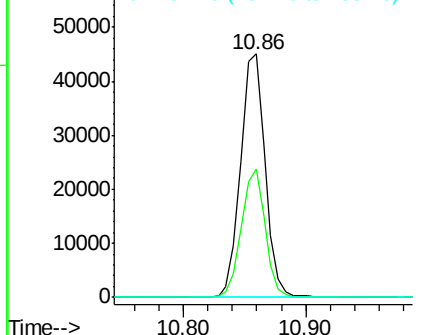
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.5	24.2	72.6
254	0.3	0.2	0.2#

Manual Integrations
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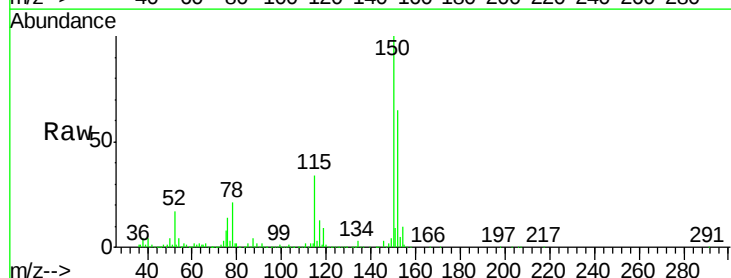


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

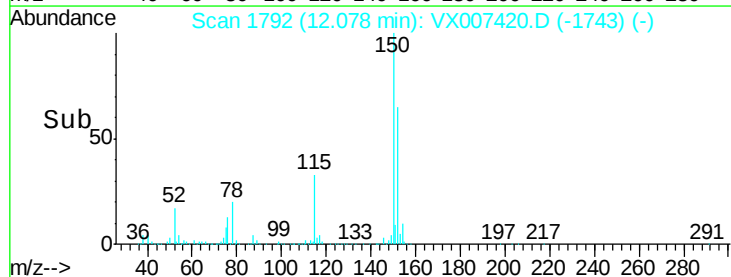
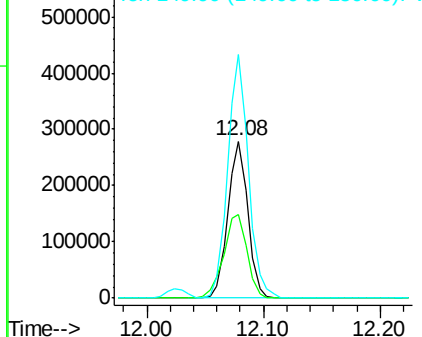


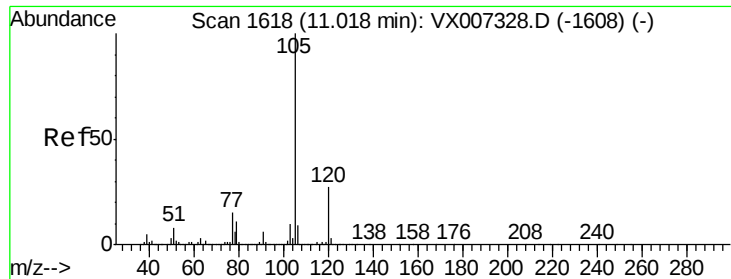
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	38.0	114.0
150	161.6	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: 19.046 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 105 Resp: 428405

Ion Ratio Lower Upper

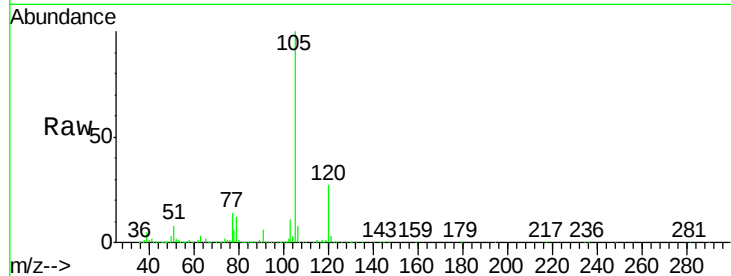
105 100

120 27.8 13.6 40.7

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

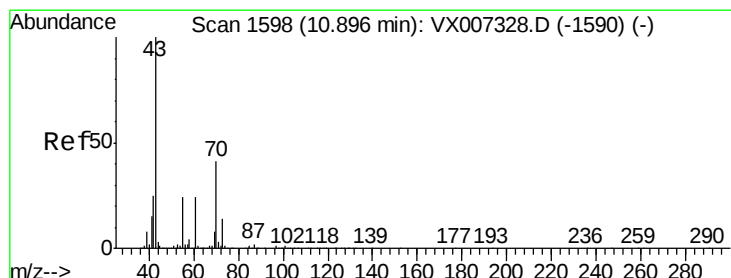
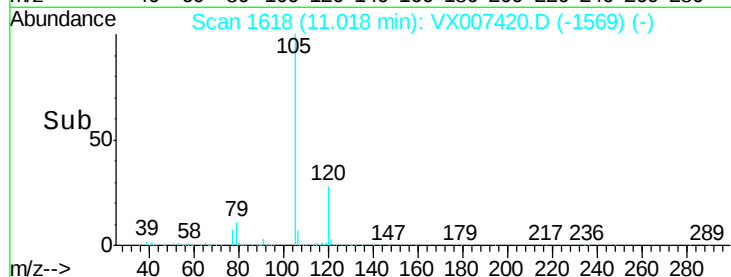
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.488 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion: 43 Resp: 169546

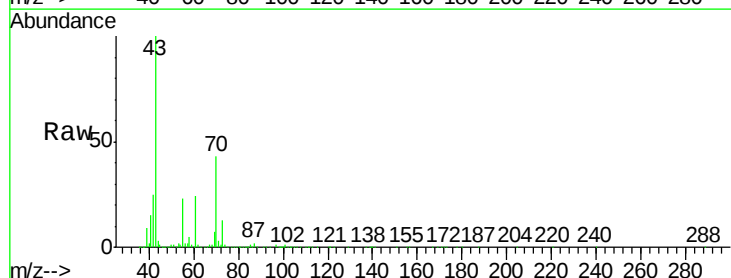
Ion Ratio Lower Upper

43 100

70 43.4 33.8 50.6

55 24.9 19.5 29.3

61 24.5 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

10.90

200000

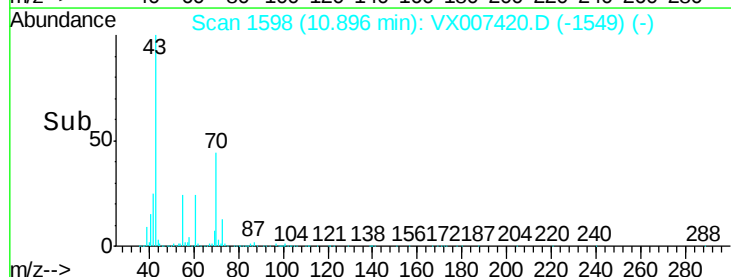
150000

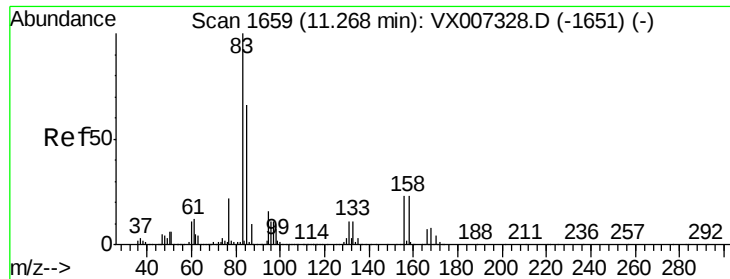
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.217 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

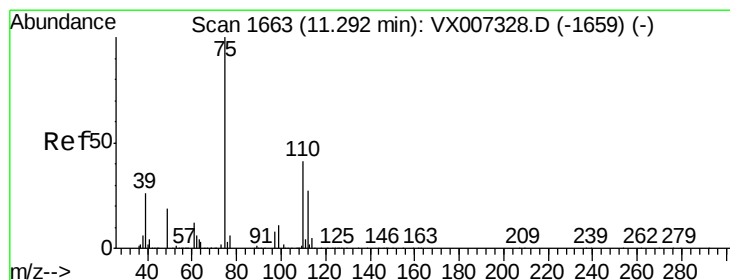
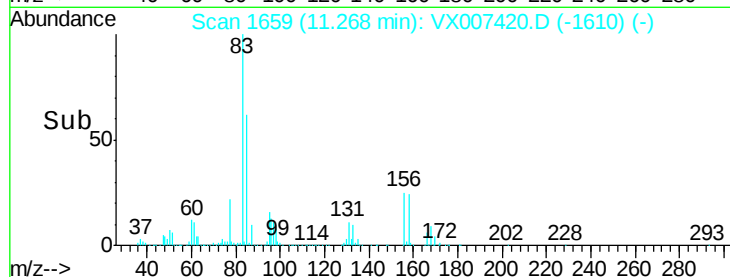
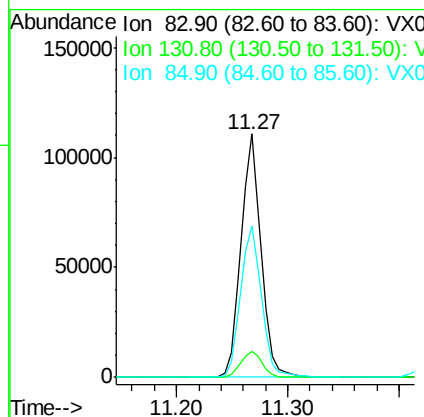
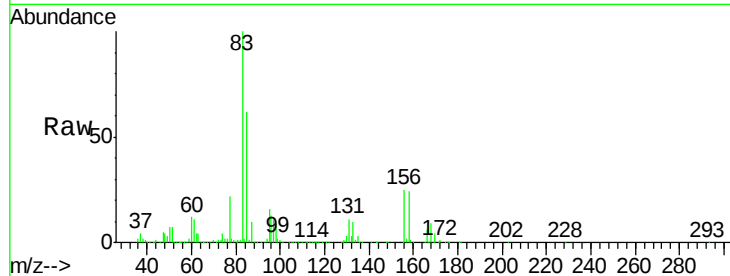
ClientSampleId :

VX0207WBSD01

Tot Ion:	83	Resp:	138589
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.0
85	64.9	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.234 ug/l m

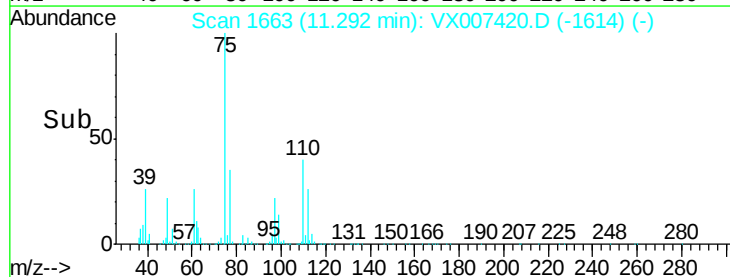
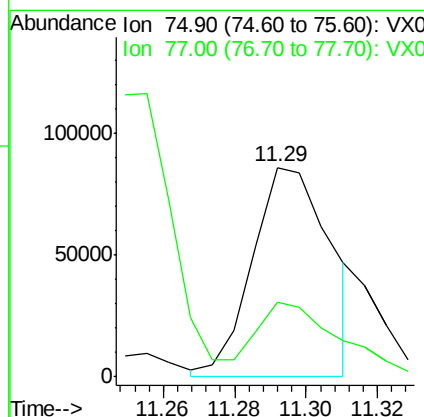
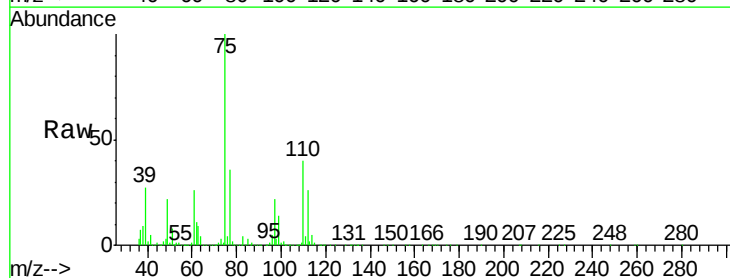
RT: 11.29 min Scan# 1663

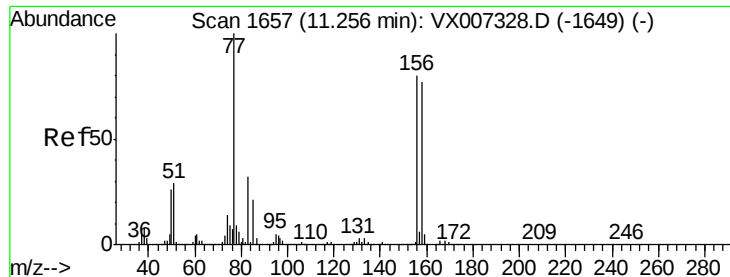
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion:	75	Resp:	130273
Ion Ratio	Lower	Upper	
75	100		
77	37.6	23.0	69.0





#77

Bromobenzene

Concen: 18.573 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

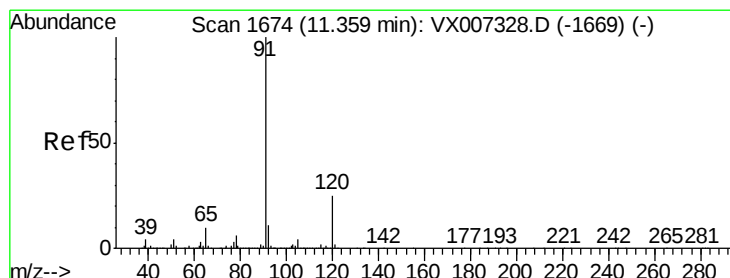
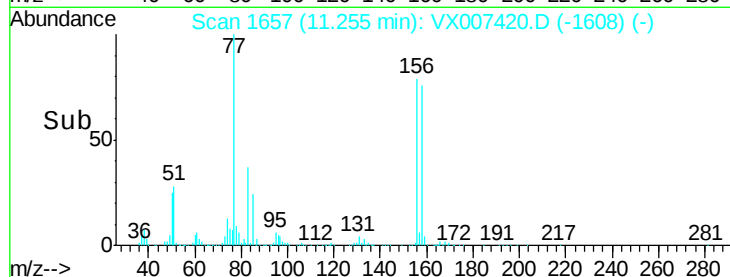
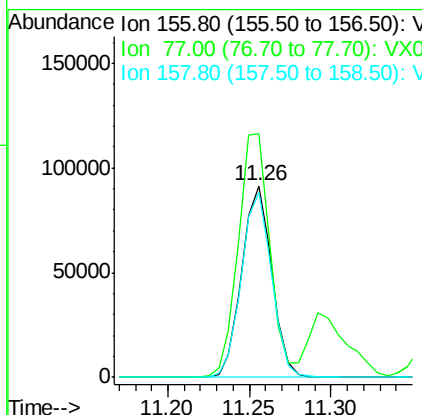
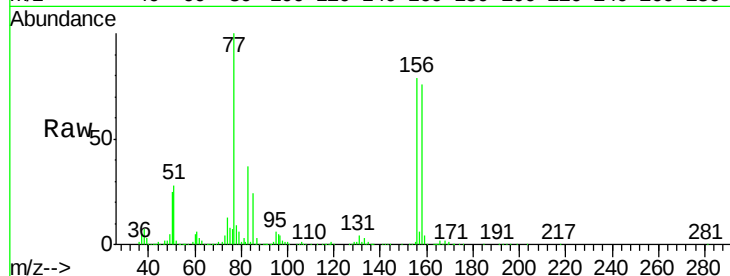
ClientSampleId :

VX0207WBSD01

Tot Ion:	156	Resp:	117707
Ion Ratio	Lower	Upper	
156	100		
77	134.9	66.8	200.6
158	97.2	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 18.917 ug/l

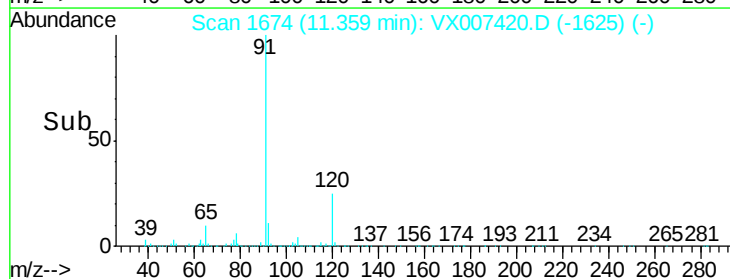
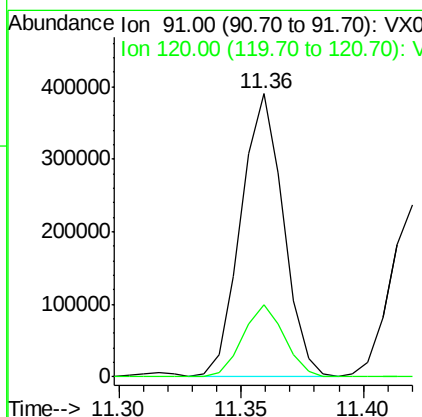
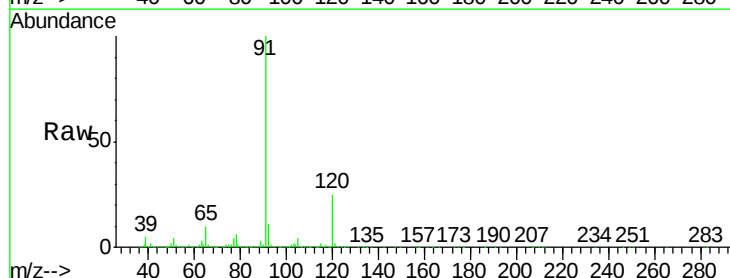
RT: 11.36 min Scan# 1674

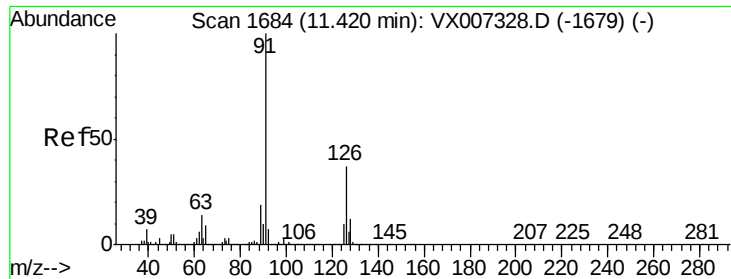
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion:	91	Resp:	466601
Ion Ratio	Lower	Upper	
91	100		
120	25.2	12.4	37.2





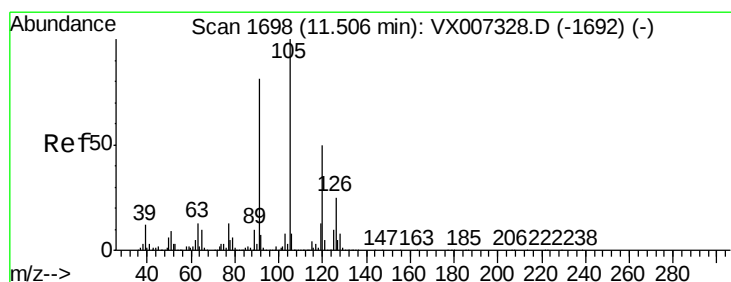
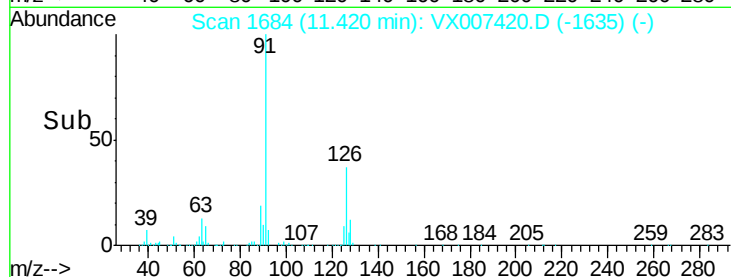
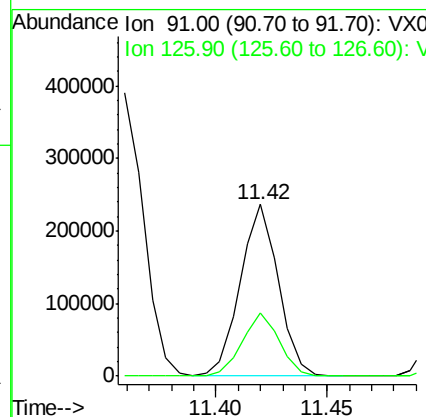
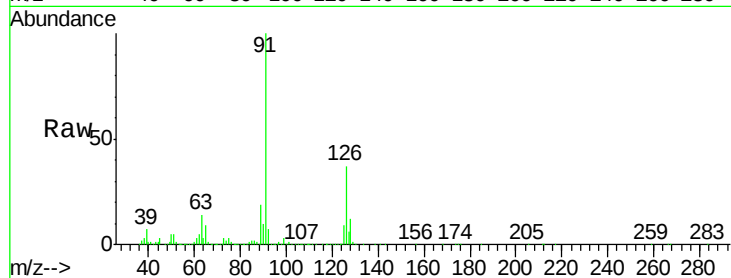
#79
2-Chlorotoluene
Concen: 18.766 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion: 91 Resp: 280854
Ion Ratio Lower Upper
91 100
126 36.5 18.7 56.1

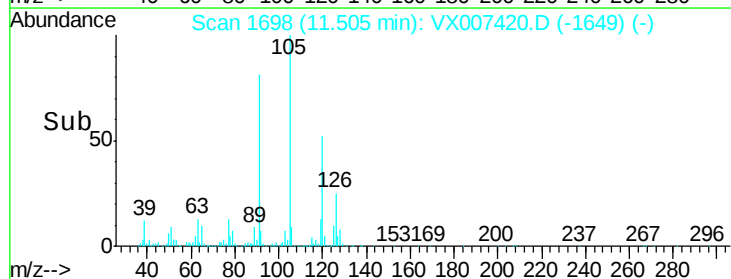
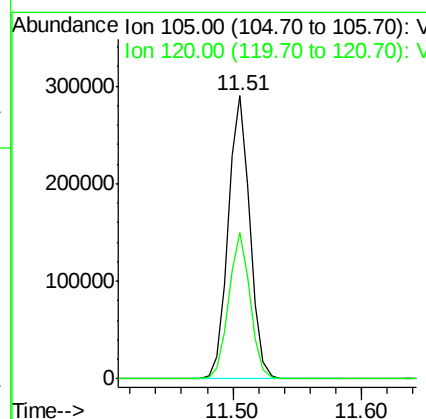
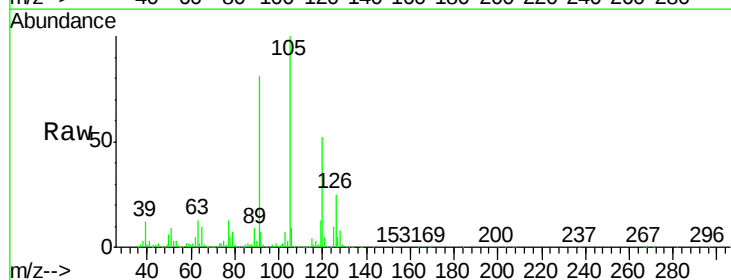
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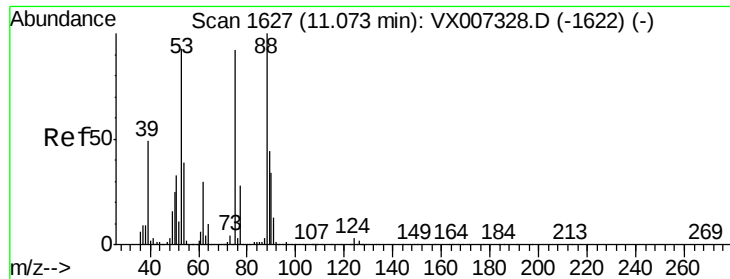
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2/11/2019 12:27:59 PM



#80
1,3,5-Trimethylbenzene
Concen: 18.682 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion: 105 Resp: 343786
Ion Ratio Lower Upper
105 100
120 50.9 25.3 75.8





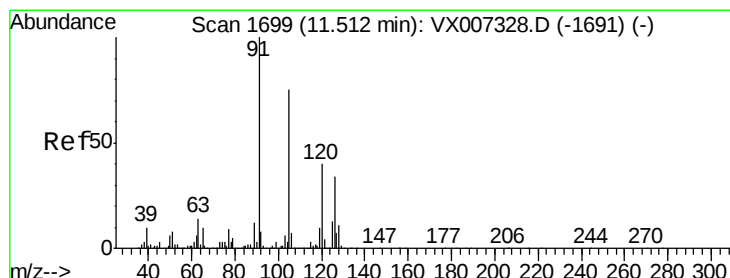
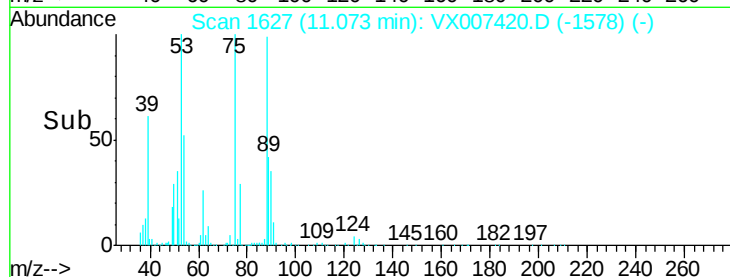
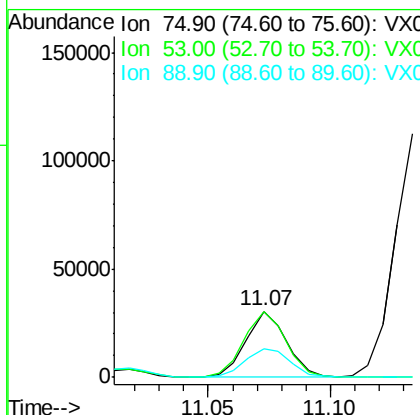
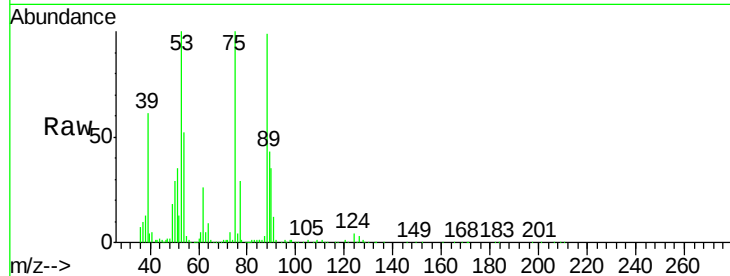
#81
trans-1,4-Dichloro-2-butene
Concen: 19.638 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.2	81.0	121.6
89	47.8	41.4	62.0

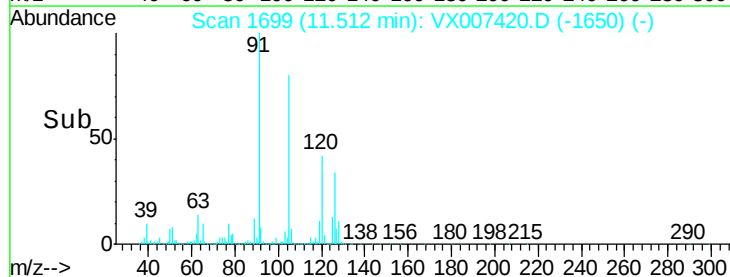
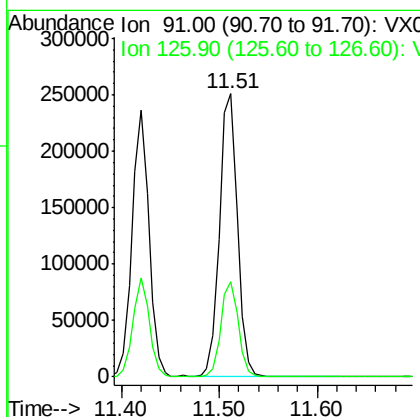
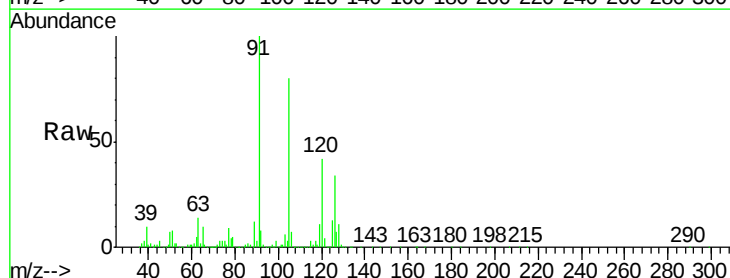
Manual Integrations
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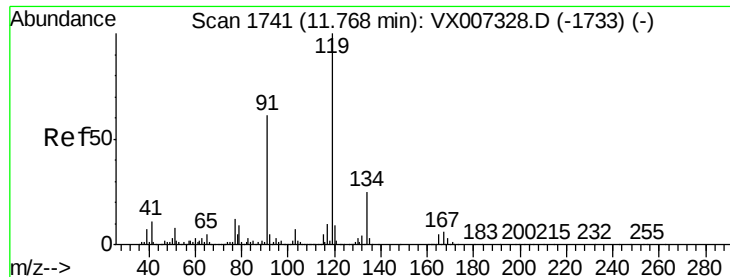
MMDadoda
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#82
4-Chlorotoluene
Concen: 18.395 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.5





#83

tert-Butylbenzene

Concen: 18.844 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

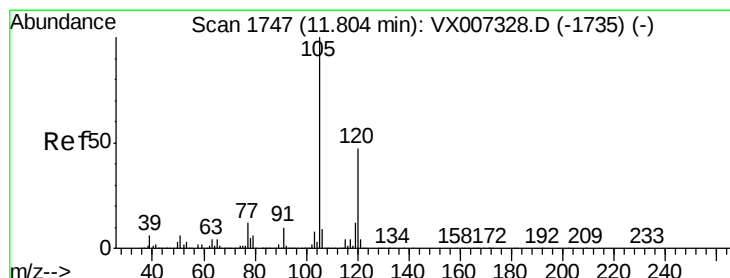
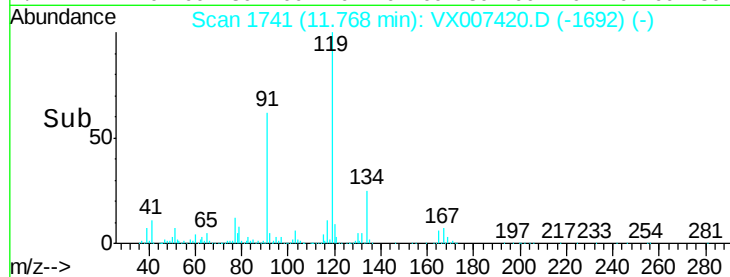
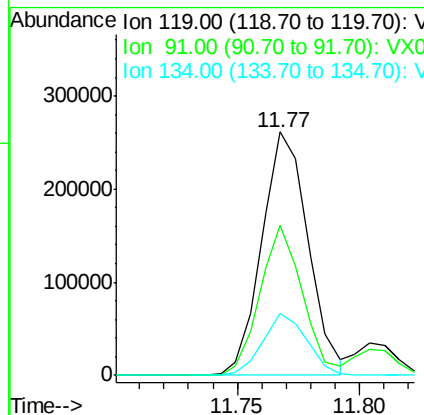
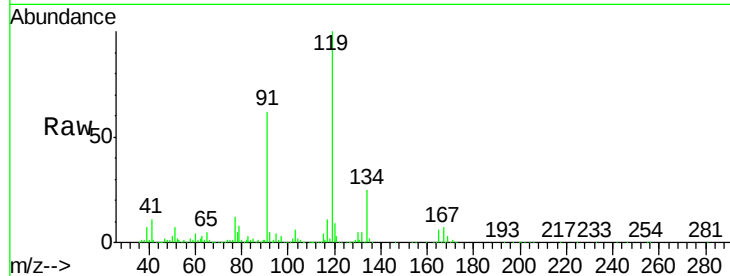
ClientSampleId :

VX0207WBSD01

Tot Ion:	119	Resp:	343317
Ion Ratio	Lower	Upper	
119	100		
91	56.6	28.5	85.6
134	24.4	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.252 ug/l

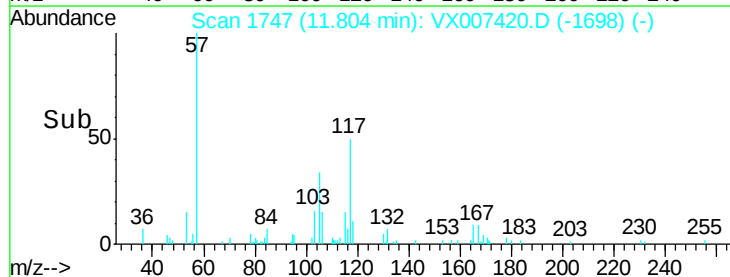
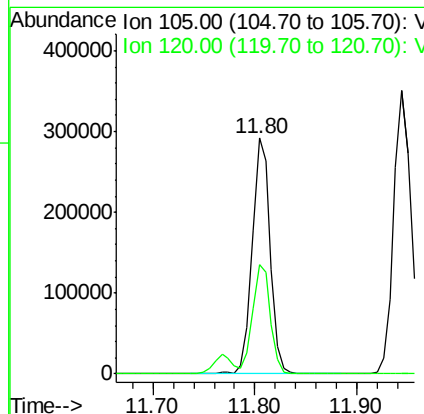
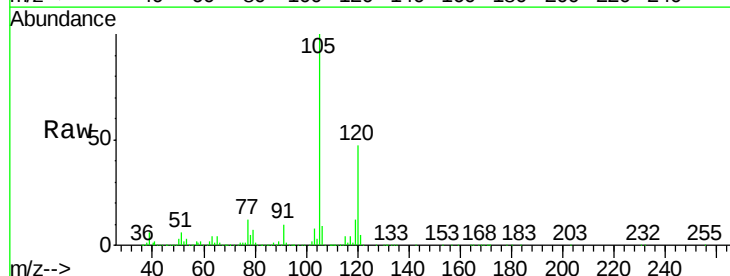
RT: 11.80 min Scan# 1747

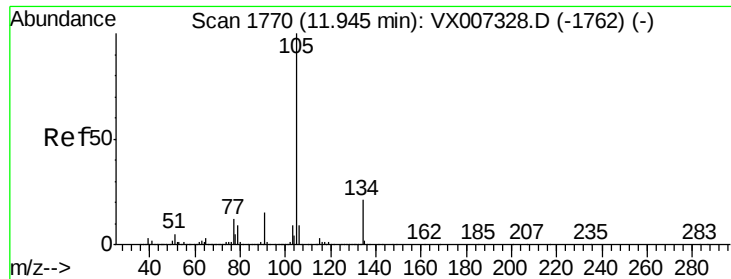
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion:	105	Resp:	359670
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.048 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion:105 Resp: 420017

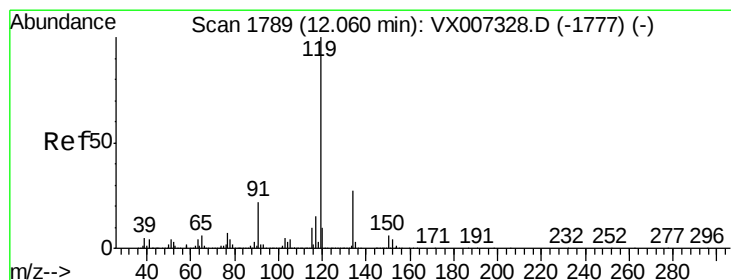
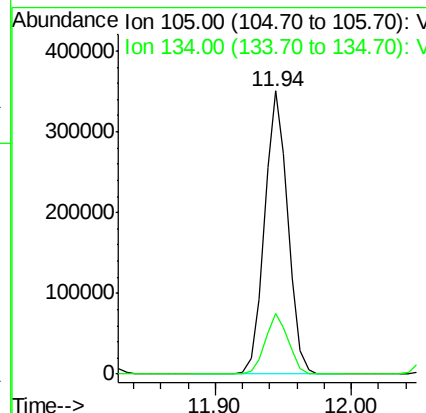
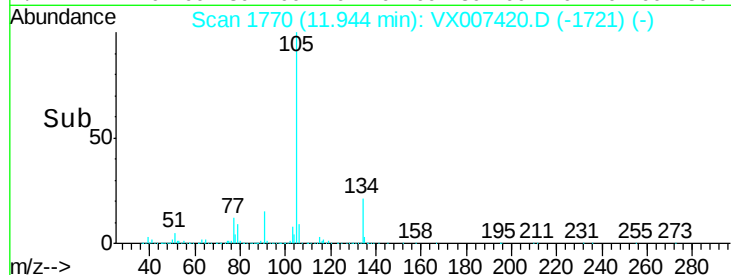
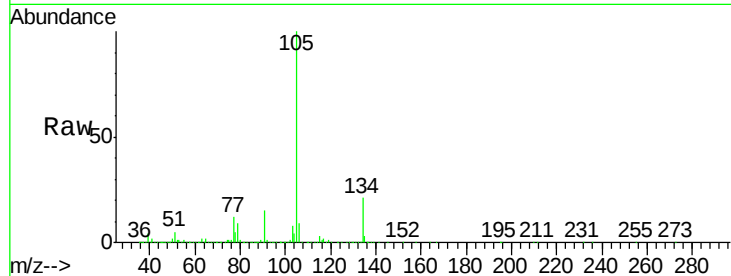
Ion Ratio Lower Upper

105 100

134 21.4 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 18.500 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

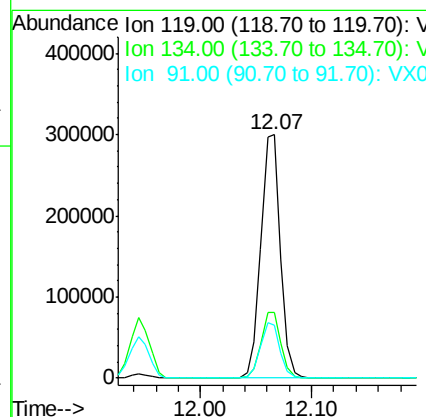
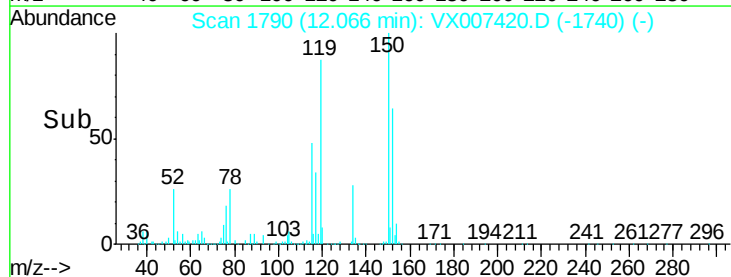
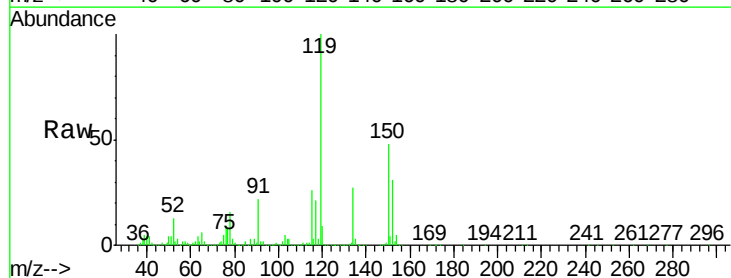
Tgt Ion:119 Resp: 368255

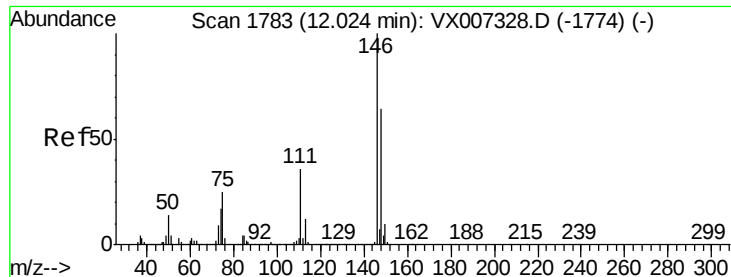
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.5 11.2 33.5





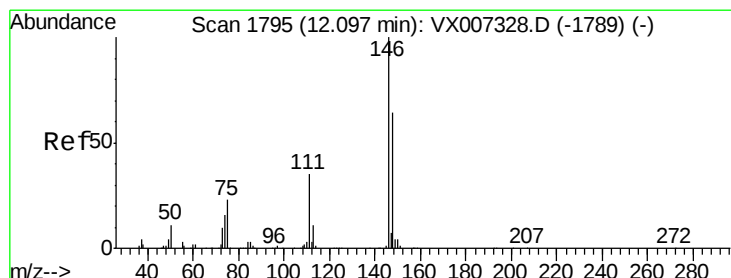
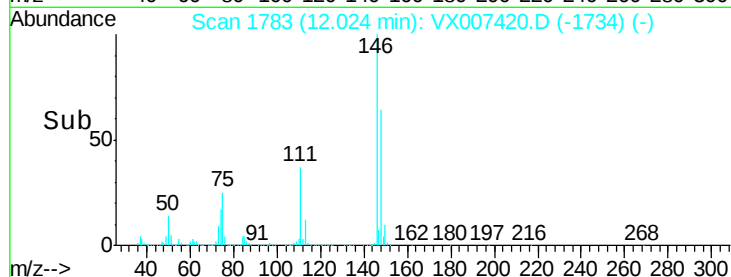
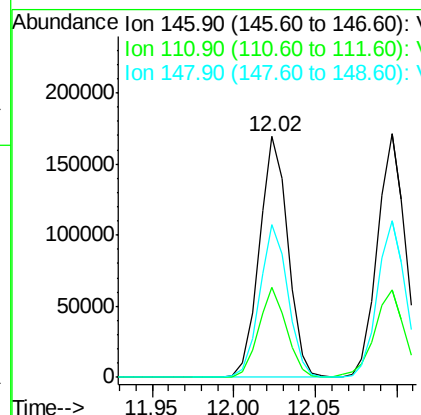
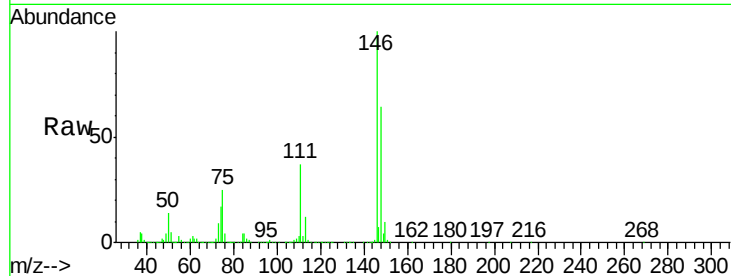
#87
 1,3-Dichlorobenzene
 Concen: 18.186 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	62.7	32.0	96.2

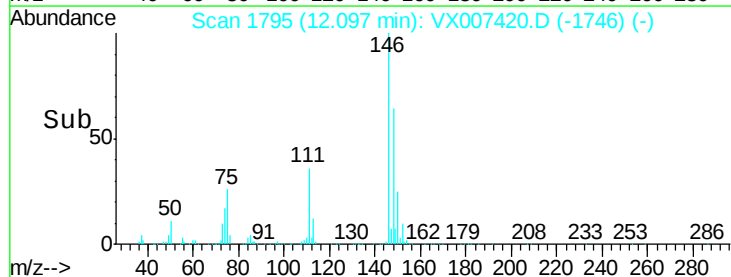
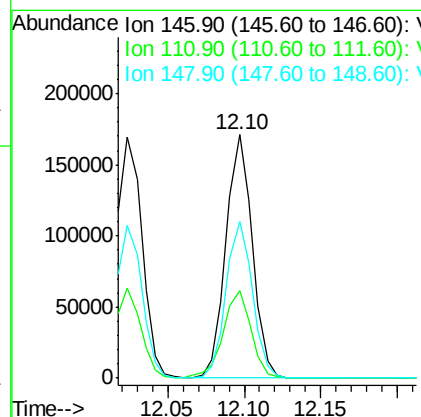
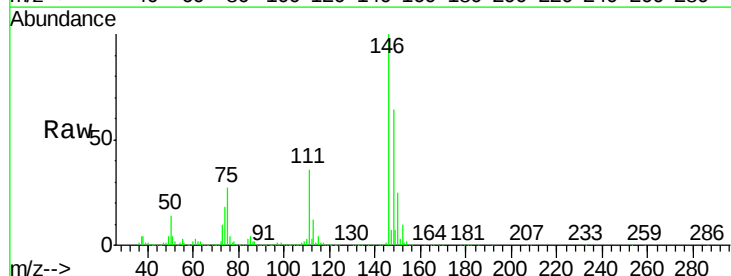
Manual Integrations
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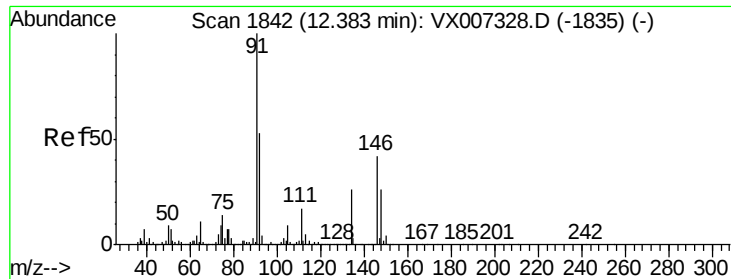
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#88
 1,4-Dichlorobenzene
 Concen: 17.716 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	65.0	32.3	96.9





#89

n-Butylbenzene

Concen: 17.917 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Instrument :

MSVOA_X

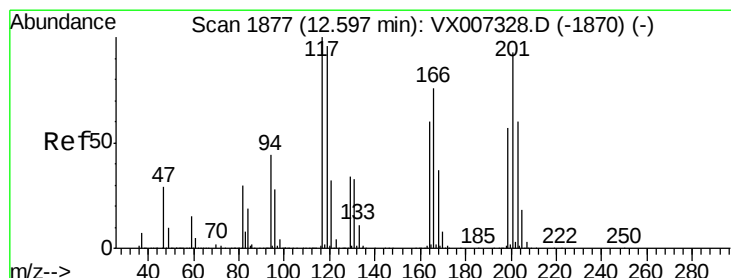
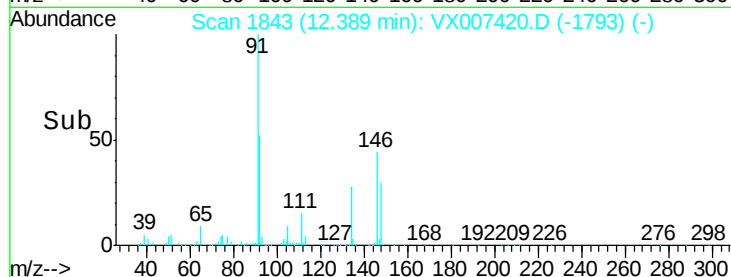
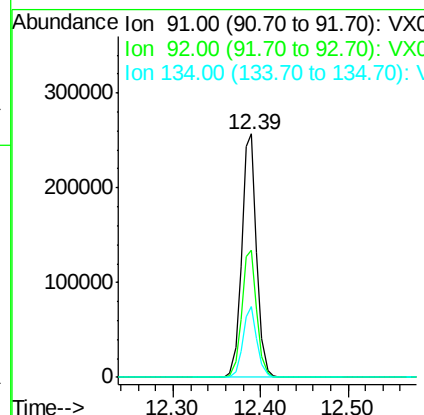
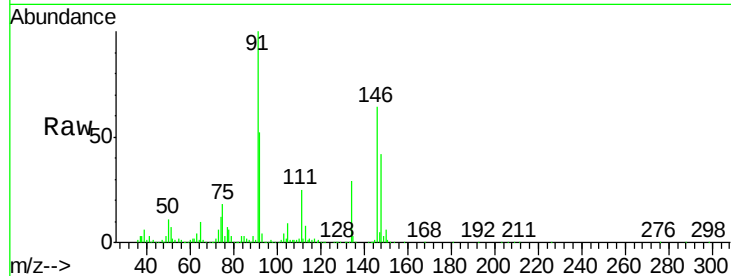
ClientSampleId :

VX0207WBSD01

Tot Ion:	91	Resp:	306805
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.3	78.9
134	27.7	13.9	41.6

Manual Integrations
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#90

Hexachloroethane

Concen: 18.375 ug/l

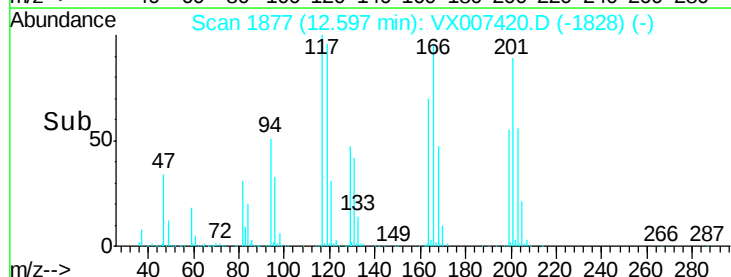
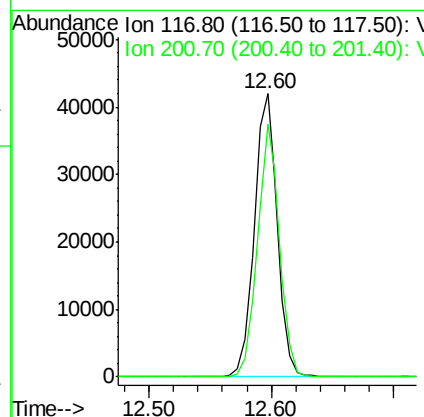
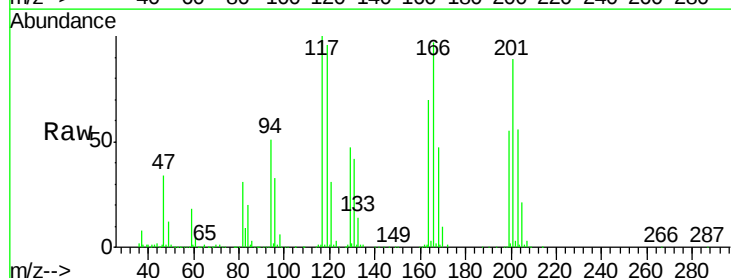
RT: 12.60 min Scan# 1877

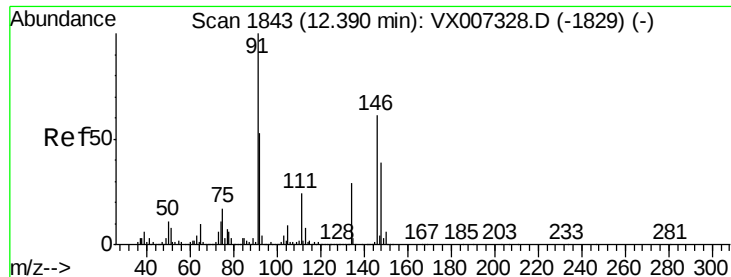
Delta R.T. -0.00 min

Lab File: VX007420.D

Acq: 07 Feb 2019 12:56

Tgt Ion:	117	Resp:	54742
Ion Ratio	Lower	Upper	
117	100		
201	85.6	44.9	134.7





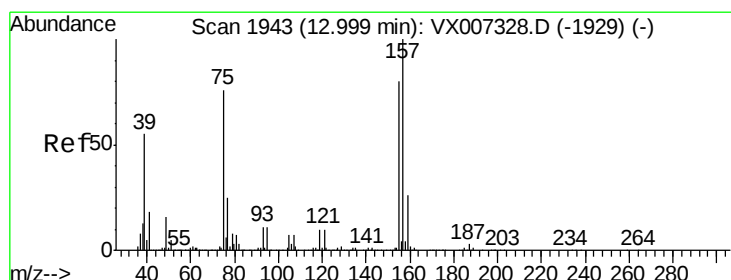
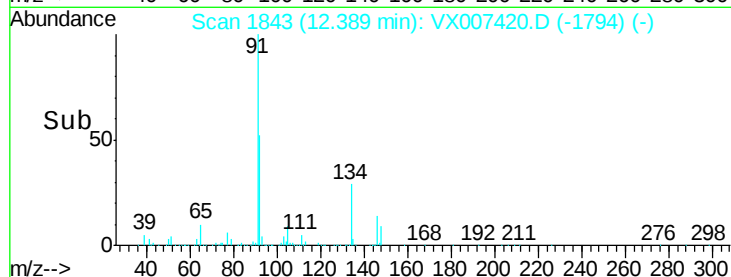
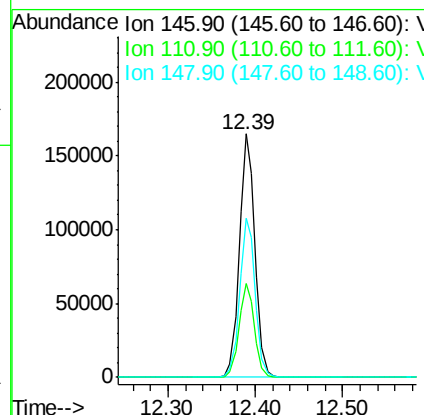
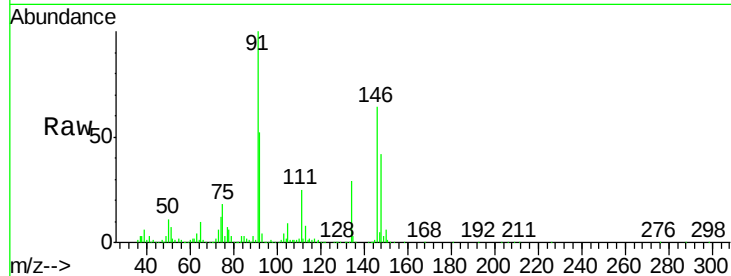
#91
 1,2-Dichlorobenzene
 Concen: 18.132 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.3
148	65.4	32.1	96.3

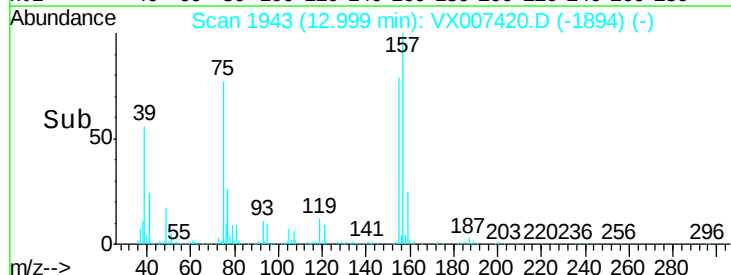
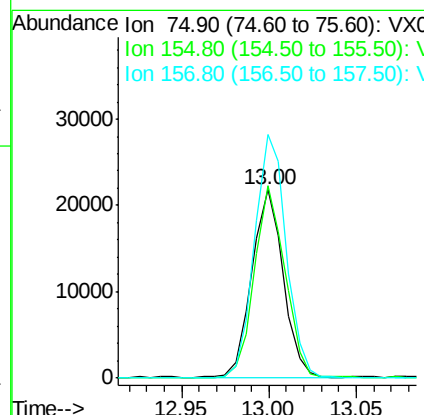
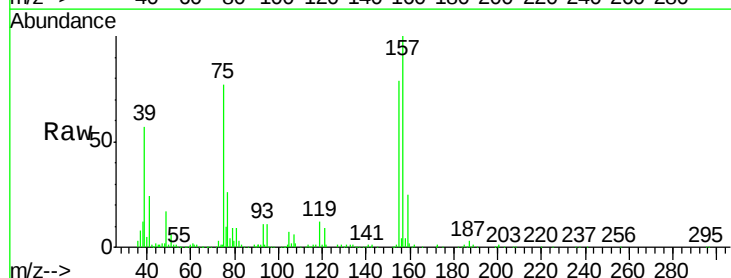
Manual Integrations
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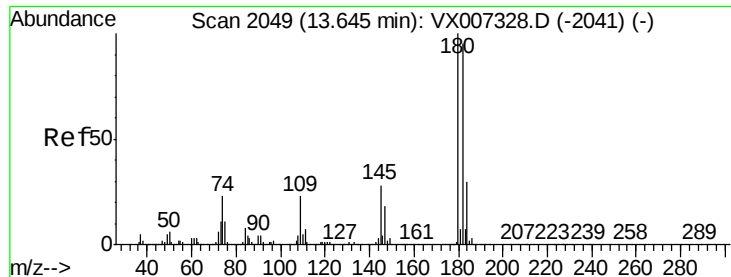
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.326 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	49.6	149.0
157	129.5	65.1	195.3





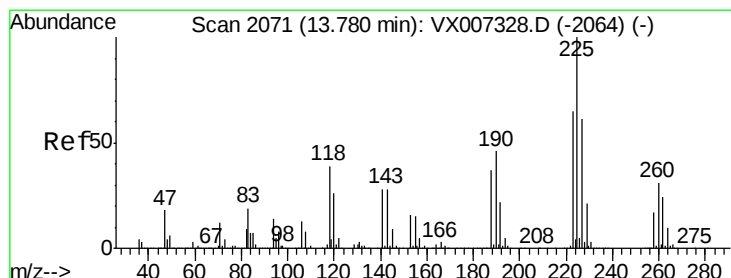
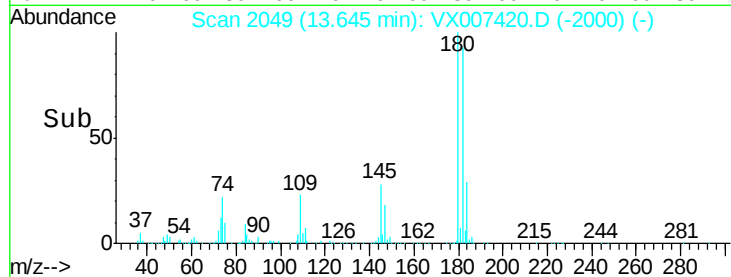
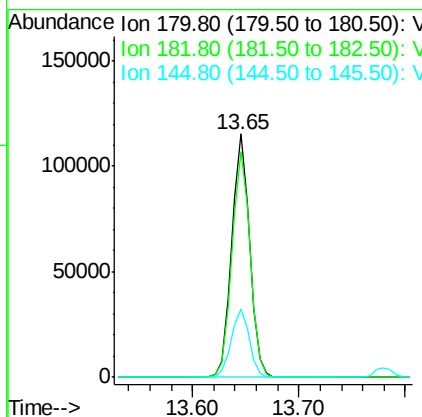
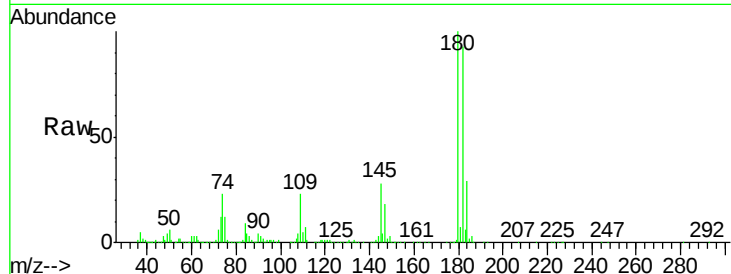
#93
 1,2,4-Trichlorobenzene
 Concen: 17.915 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136757		
182	93.9	47.8	143.3	
145	28.4	14.1	42.2	

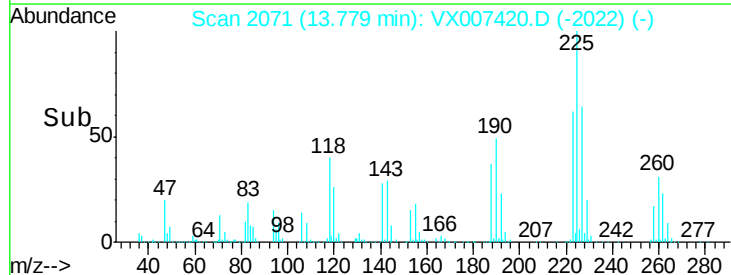
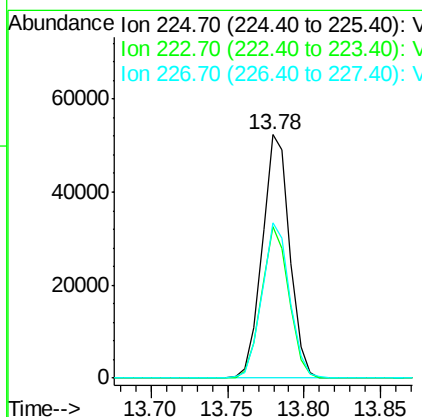
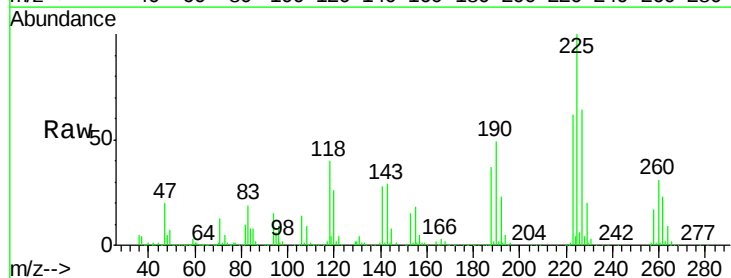
Manual Integrations
 APPROVED

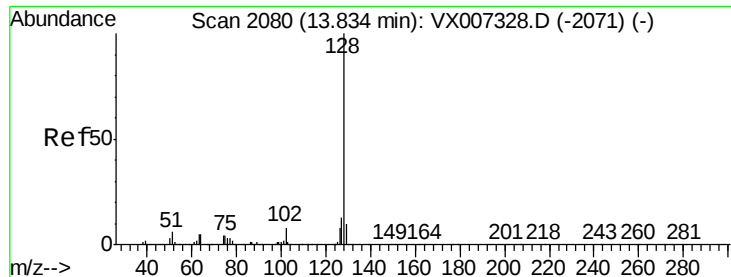
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 2/11/2019 12:27:59 PM



#94
 Hexachlorobutadiene
 Concen: 17.734 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007420.D
 Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65734		
223	62.0	31.6	94.8	
227	64.1	32.1	96.3	





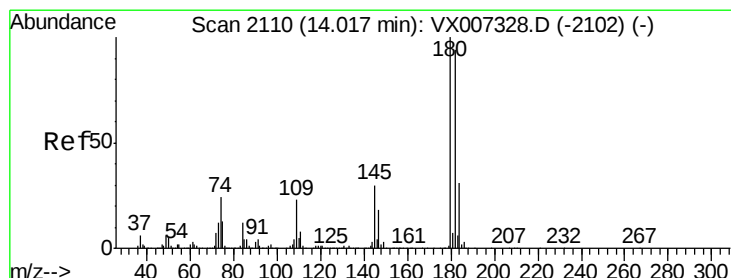
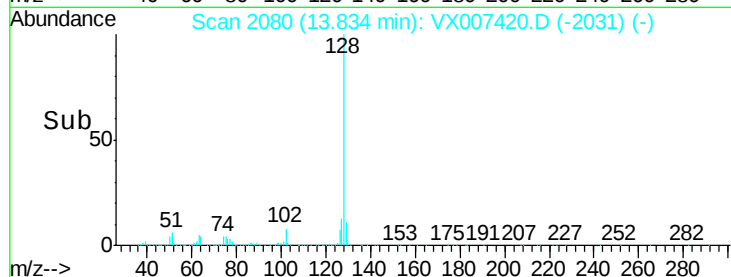
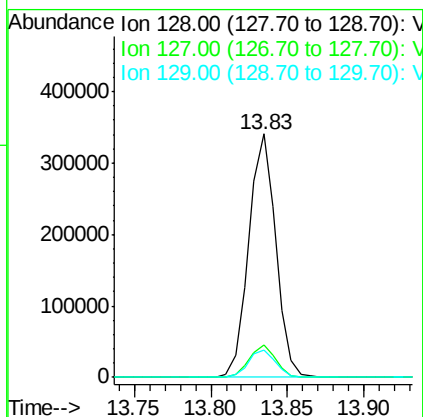
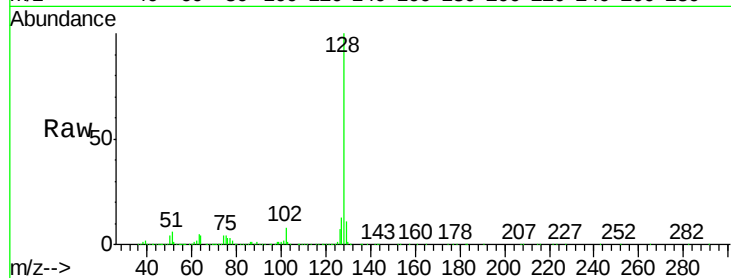
#95
Naphthalene
Concen: 18.747 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.244 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007420.D
Acq: 07 Feb 2019 12:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.6
145	29.2	14.9	44.5

