

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041519\
 Data File : VX008957.D
 Acq On : 15 Apr 2019 12:45
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 10:53:12 AM

Quant Time: Apr 16 02:14:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 01:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	368320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	2522	0.966 ug/l	99
3) Chloromethane	1.32	50	3713	1.046 ug/l	92
4) Vinyl Chloride	1.41	62	3257	0.946 ug/l	98
5) Bromomethane	1.64	94	3005	1.581 ug/l	92
6) Chloroethane	1.72	64	1754	0.766 ug/l #	88
7) Trichlorofluoromethane	1.93	101	3887	1.016 ug/l	97
8) Diethyl Ether	2.19	74	1805	1.002 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2484	1.014 ug/l	98
12) 1,1-Dichloroethene	2.37	96	2748	1.071 ug/l	98
14) Allyl chloride	2.73	41	5089	0.870 ug/l	87
15) Acrylonitrile	3.14	53	9998	5.020 ug/l	98
16) Acetone	2.45	43	8937	4.868 ug/l	92
17) Carbon Disulfide	2.57	76	10312	1.252 ug/l #	92
18) Methyl Acetate	2.78	43	5013	1.116 ug/l	92
19) Methyl tert-butyl Ether	3.19	73	8999	0.985 ug/l	98
20) Methylene Chloride	2.85	84	3544	1.143 ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	3008	1.083 ug/l	93
22) Diisopropyl ether	3.85	45	10477	0.931 ug/l #	76
23) Vinyl Acetate	3.82	43	42217	4.305 ug/l	99
24) 1,1-Dichloroethane	3.70	63	5405	0.971 ug/l	97
25) 2-Butanone	4.68	43	13494	4.628 ug/l	95
26) 2,2-Dichloropropane	4.59	77	4029	1.019 ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	3237	1.018 ug/l	95
28) Bromochloromethane	5.02	49	3048	1.163 ug/l #	90
29) Tetrahydrofuran	5.14	42	9829	5.061 ug/l	99
30) Chloroform	5.21	83	4818	0.967 ug/l	88
31) Cyclohexane	5.59	56	5158	0.924 ug/l	90
32) 1,1,1-Trichloroethane	5.50	97	3765	0.933 ug/l #	45
36) 1,1-Dichloropropene	5.80	75	4352	1.099 ug/l	99
37) Ethyl Acetate	4.84	43	4379	0.832 ug/l #	91
38) Carbon Tetrachloride	5.79	117	3157	0.961 ug/l	95
39) Methylcyclohexane	7.46	83	4694	0.958 ug/l	95
40) Benzene	6.15	78	11902	1.009 ug/l	99
41) Methacrylonitrile	5.05	41	2820	0.929 ug/l #	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	4400	1.041	ug/l	95
43) Isopropyl Acetate	6.45	43	8019	0.970	ug/l	98
44) Trichloroethene	7.22	130	3078	1.114	ug/l	99
45) 1,2-Dichloropropane	7.52	63	3103	0.925	ug/l	97
46) Dibromomethane	7.66	93	1960	1.004	ug/l	92
47) Bromodichloromethane	7.90	83	3627	0.985	ug/l	97
48) Methyl methacrylate	7.77	41	3813	0.914	ug/l #	93
49) 1,4-Dioxane	7.74	88	1649	21.252	ug/l #	83
51) 4-Methyl-2-Pentanone	8.64	43	25898	4.876	ug/l	99
52) Toluene	8.79	92	7275	1.046	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	3794	0.916	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	4386	0.929	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	2754	0.986	ug/l	97
56) Ethyl methacrylate	9.18	69	4670	0.927	ug/l	97
57) 1,3-Dichloropropane	9.37	76	4980	0.995	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	12360	4.760	ug/l	97
59) 2-Hexanone	9.49	43	19066	4.617	ug/l	100
60) Dibromochloromethane	9.59	129	2251	0.854	ug/l	97
61) 1,2-Dibromoethane	9.67	107	2877	0.990	ug/l	97
64) Tetrachloroethene	9.34	164	2595	1.090	ug/l	90
65) Chlorobenzene	10.13	112	7365	1.047	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	2335	0.947	ug/l #	63
67) Ethyl Benzene	10.25	91	12809	0.979	ug/l	98
68) m/p-Xylenes	10.36	106	9163	1.946	ug/l	98
69) o-Xylene	10.70	106	4643	1.017	ug/l	98
70) Styrene	10.71	104	7636	0.970	ug/l	98
71) Bromoform	10.86	173	1758	0.929	ug/l #	90
73) Isopropylbenzene	11.02	105	11521	0.990	ug/l	100
74) N-amyl acetate	10.90	43	6182	0.904	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	4449	1.008	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	4322m	1.121	ug/l	
77) Bromobenzene	11.26	156	3295	1.171	ug/l	94
78) n-propylbenzene	11.36	91	12500	0.923	ug/l	97
79) 2-Chlorotoluene	11.42	91	8363	1.021	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	9429	0.967	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	1290	0.915	ug/l	83
82) 4-Chlorotoluene	11.51	91	9768	1.030	ug/l	99
83) tert-Butylbenzene	11.77	119	9260	0.986	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	9864	0.999	ug/l	99
85) sec-Butylbenzene	11.94	105	10487	0.940	ug/l	96
86) p-Isopropyltoluene	12.06	119	9717	0.967	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	5410	1.075	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	5717m	1.120	ug/l	
89) n-Butylbenzene	12.39	91	8593	0.913	ug/l	97
90) Hexachloroethane	12.60	117	1548	0.928	ug/l	89
91) 1,2-Dichlorobenzene	12.39	146	5237	1.048	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	985	1.012	ug/l	89
93) 1,2,4-Trichlorobenzene	13.65	180	3620	1.033	ug/l	94
94) Hexachlorobutadiene	13.79	225	1757	1.046	ug/l	98
95) Naphthalene	13.83	128	11489	0.990	ug/l	99

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VSTDICC001

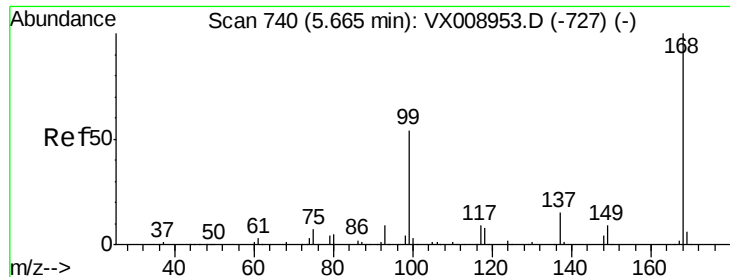
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	3524	1.009	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 226013

Ion Ratio Lower Upper

168 100

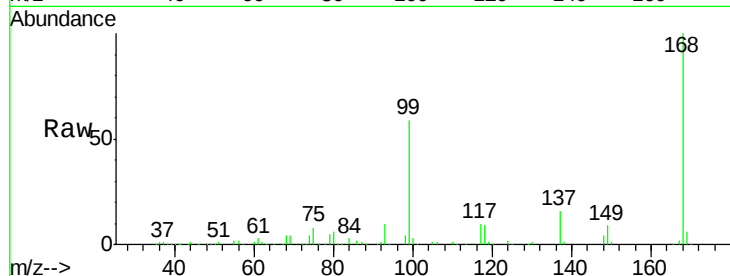
99 58.8 43.0 64.6

Manual Integrations

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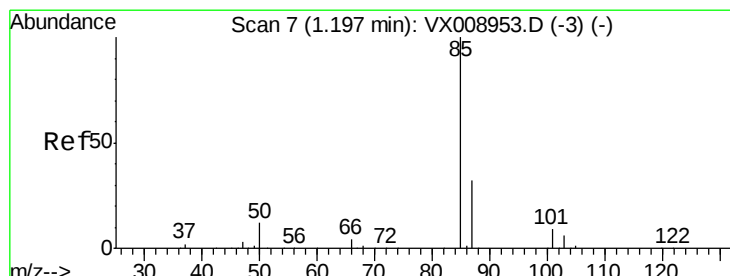
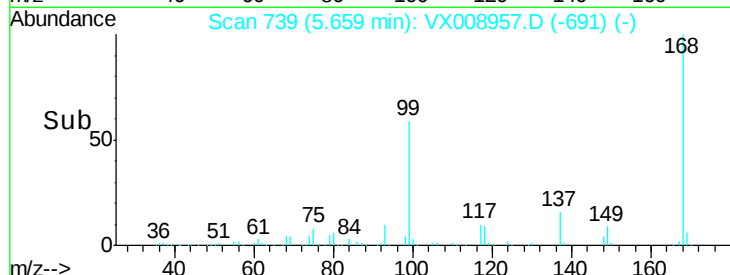
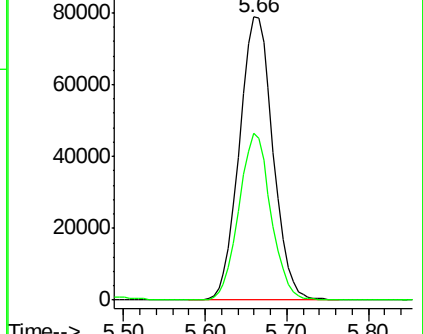
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.966 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008957.D

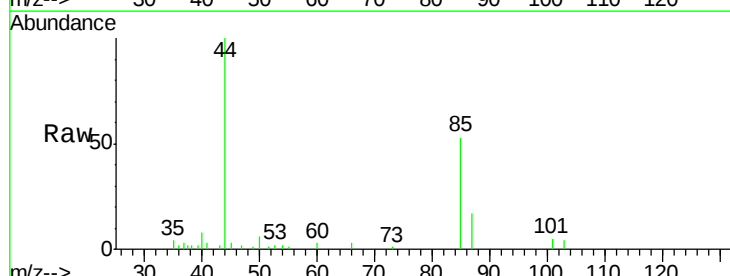
Acq: 15 Apr 2019 12:45

Tgt Ion: 85 Resp: 2522

Ion Ratio Lower Upper

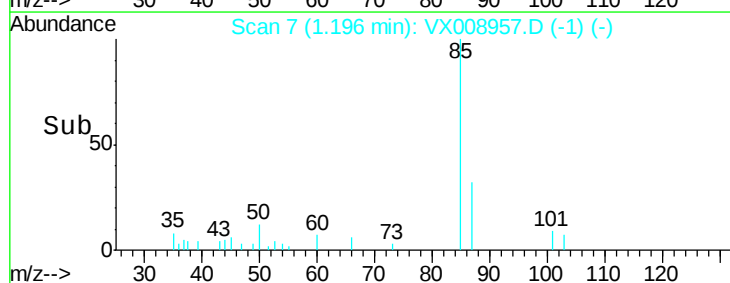
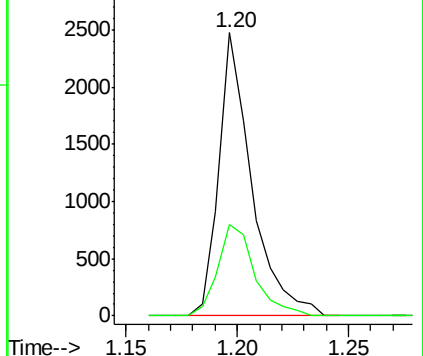
85 100

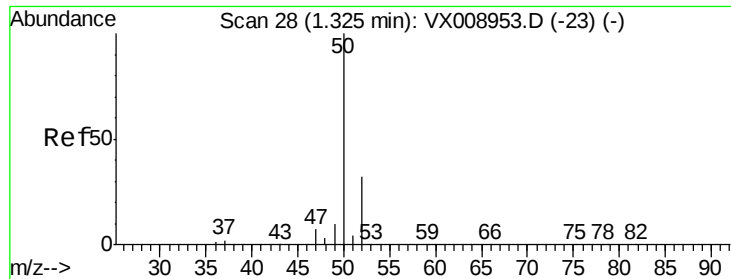
87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.046 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3713

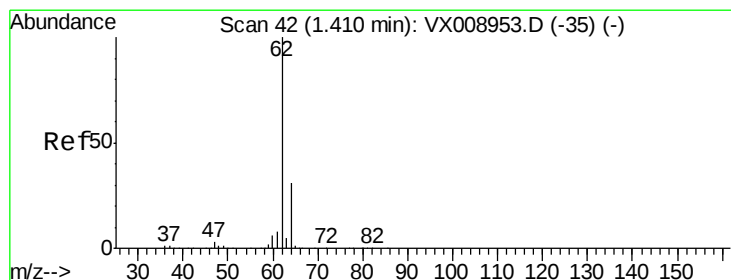
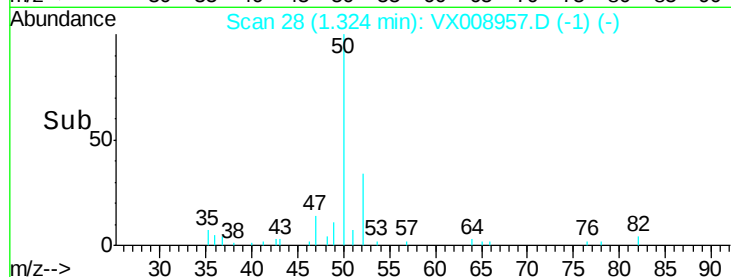
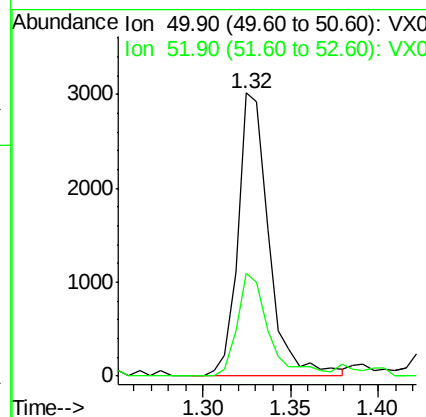
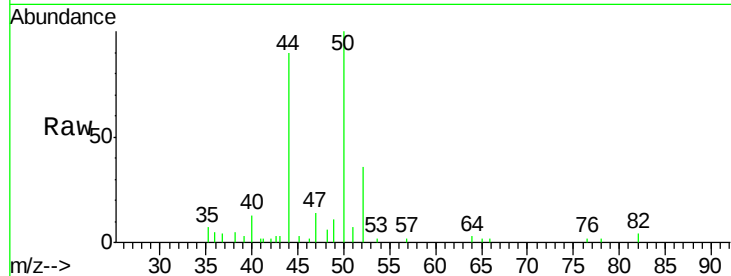
Ion Ratio Lower Upper

50 100

52 36.2 25.5 38.3

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#4

Vinyl Chloride

Concen: 0.946 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008957.D

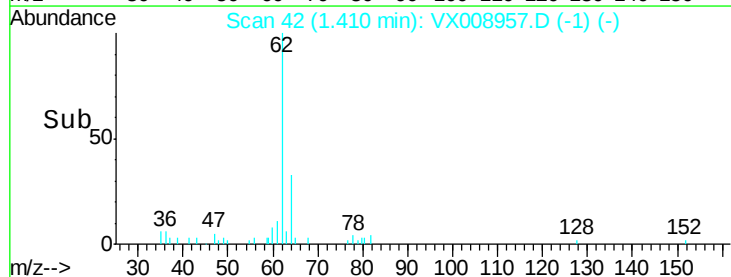
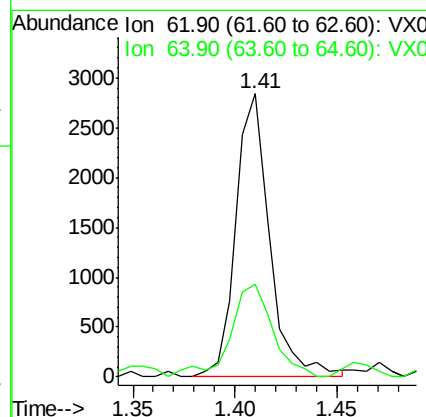
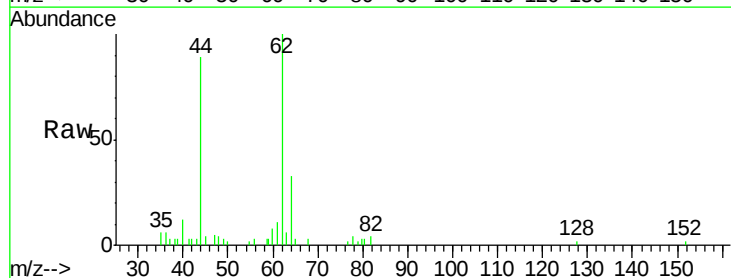
Acq: 15 Apr 2019 12:45

Tgt Ion: 62 Resp: 3257

Ion Ratio Lower Upper

62 100

64 30.2 25.0 37.4





#5

Bromomethane

Concen: 1.581 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 3005

Ion Ratio Lower Upper

94 100

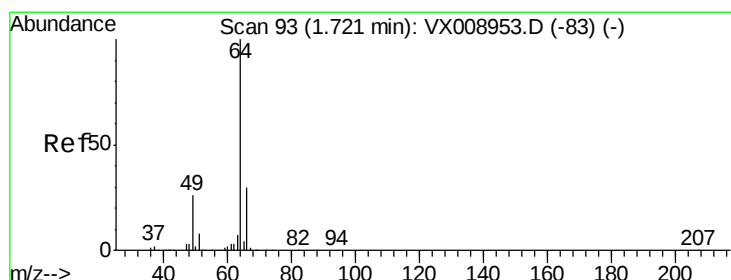
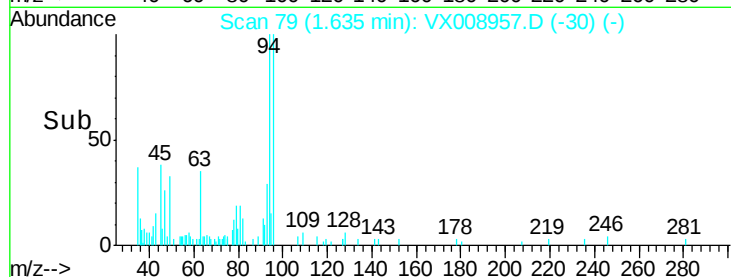
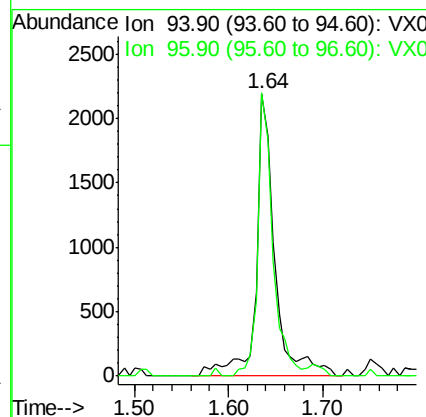
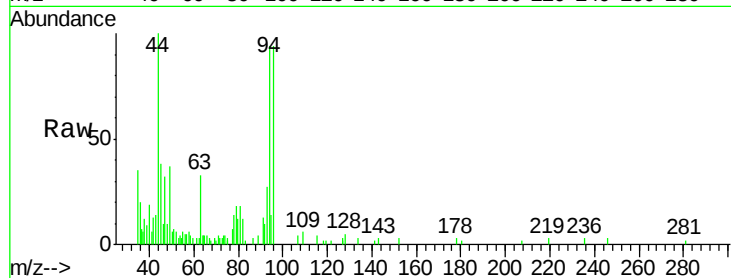
96 100.1 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 0.766 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008957.D

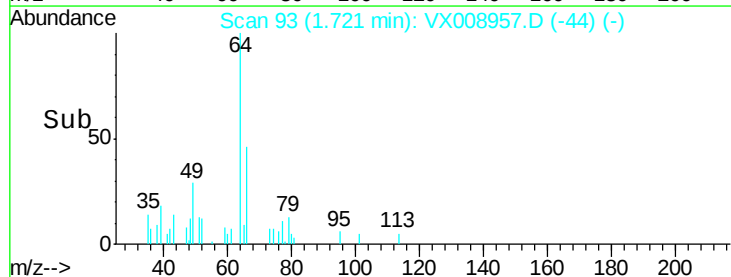
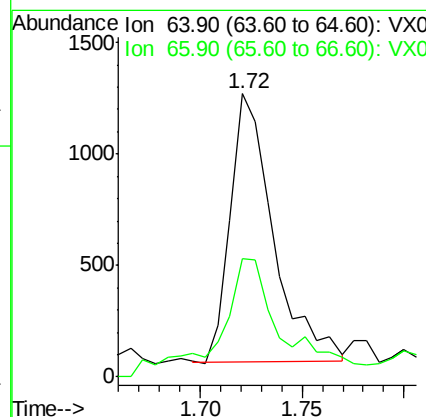
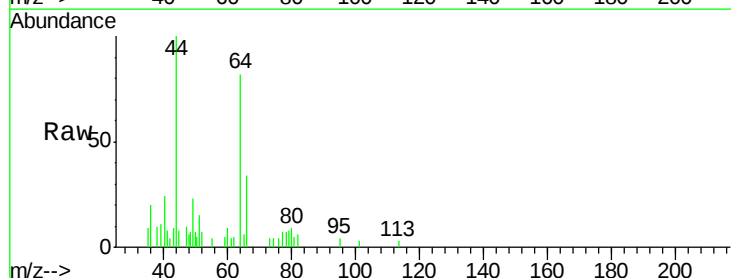
Acq: 15 Apr 2019 12:45

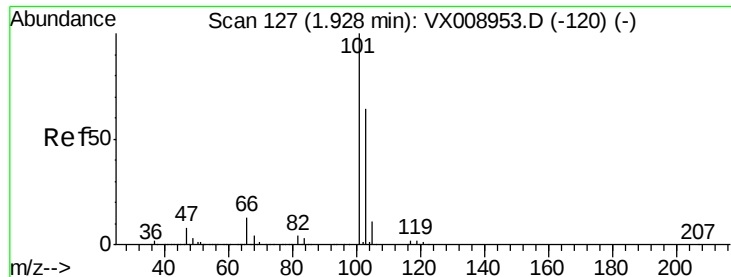
Tgt Ion: 64 Resp: 1754

Ion Ratio Lower Upper

64 100

66 36.7 24.2 36.2#





#7

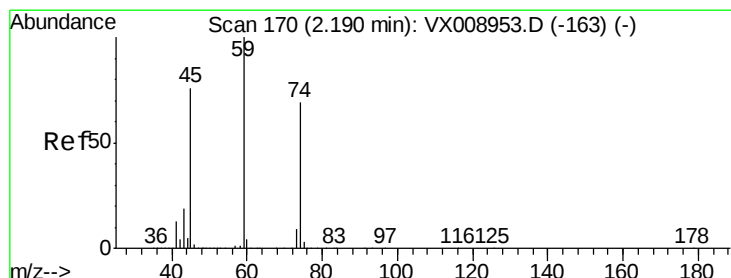
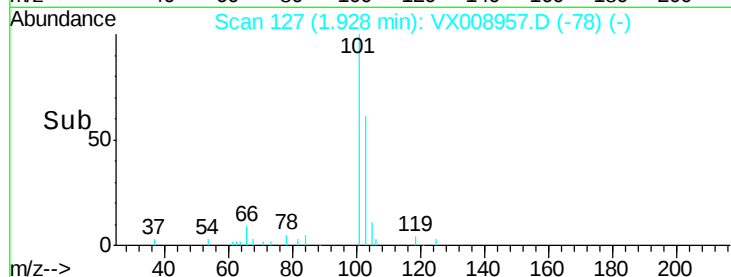
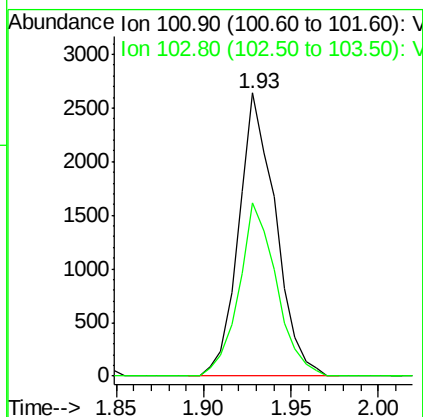
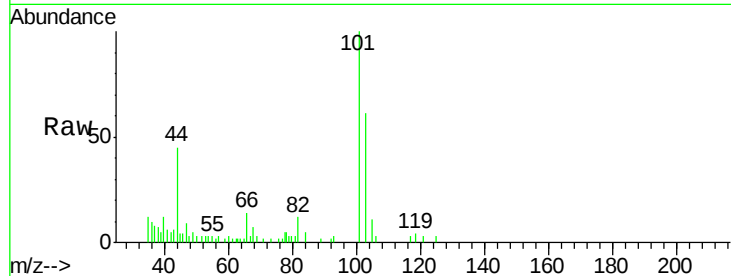
Trichlorofluoromethane
Concen: 1.016 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
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ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.1	51.0	76.6

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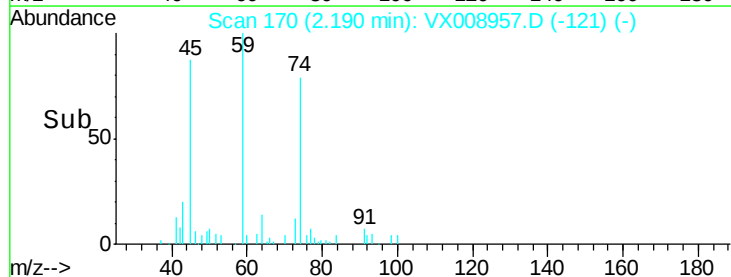
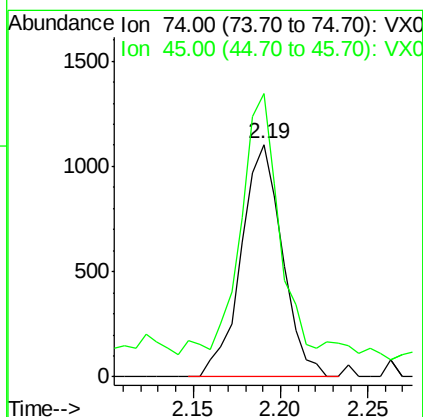
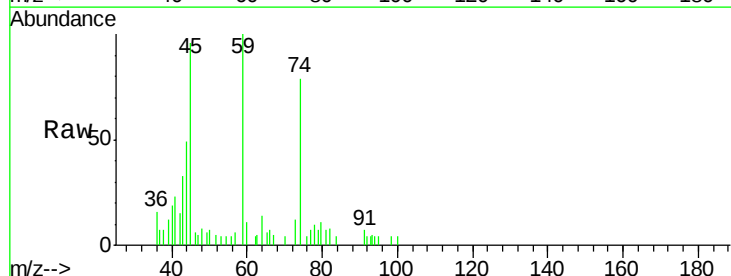
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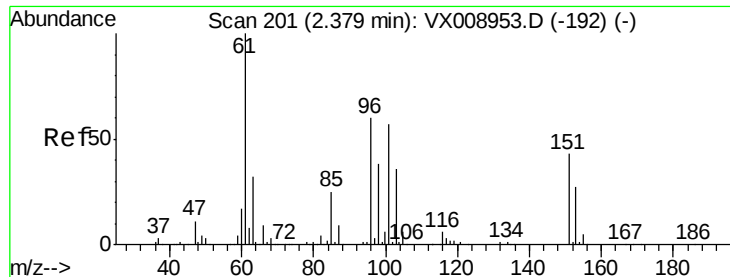


#8

Diethyl Ether
Concen: 1.002 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.8	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.014 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

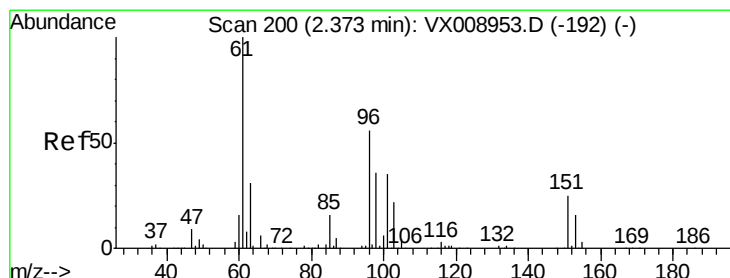
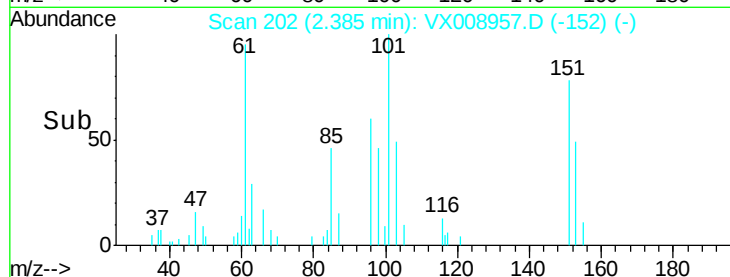
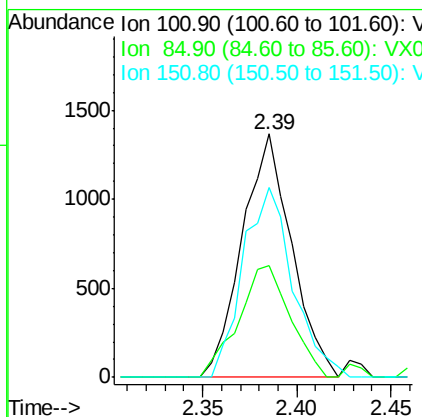
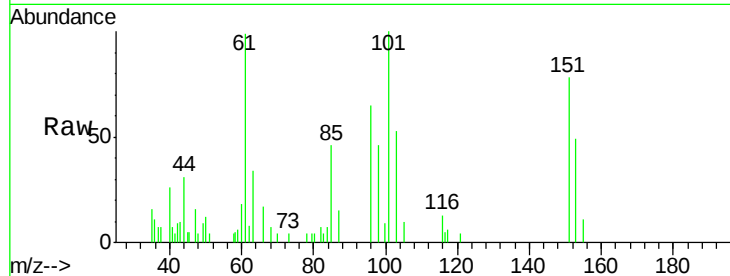
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	2484
Ion Ratio	Lower	Upper	
101	100		
85	48.0	35.7	53.5
151	78.9	62.7	94.1

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#12

1,1-Dichloroethene

Concen: 1.071 ug/l

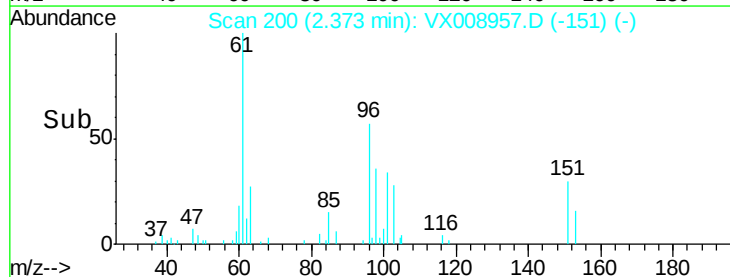
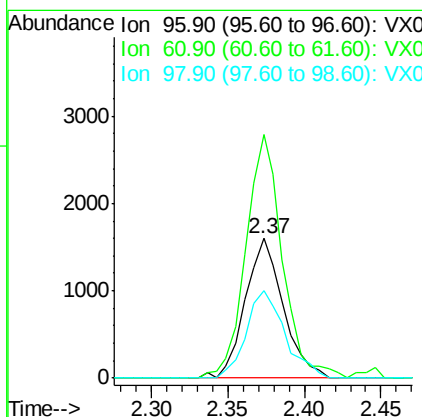
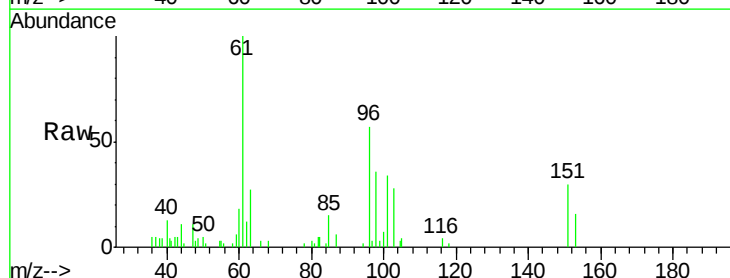
RT: 2.37 min Scan# 200

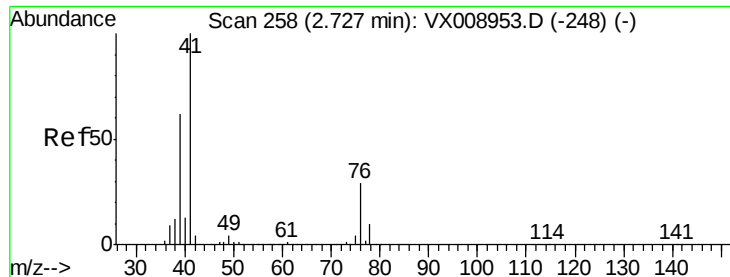
Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Tgt Ion:	96	Resp:	2748
Ion Ratio	Lower	Upper	
96	100		
61	174.3	142.2	213.2
98	62.5	50.9	76.3





#14

Allvl chloride

Concen: 0.870 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

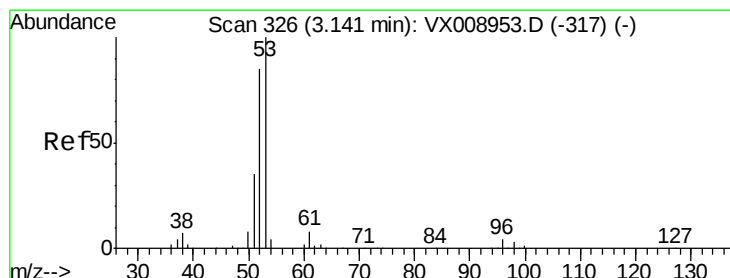
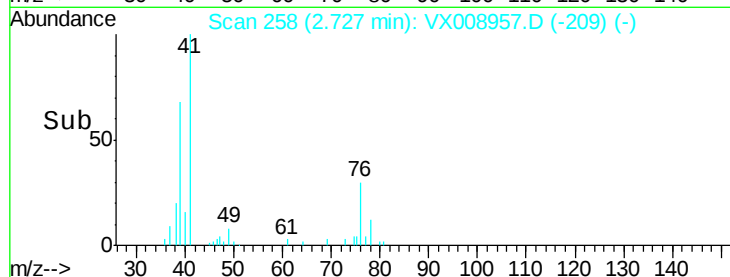
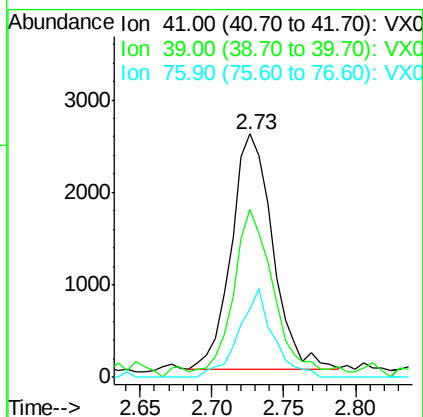
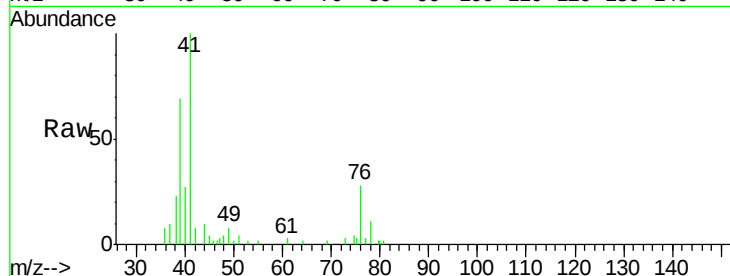
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	5089
Ion	Ratio	Lower	Upper
41	100		
39	69.9	46.7	70.1
76	31.1	22.0	33.0

Manual Integrations
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MMDadoda
4/16/2019 10:53:12 AM



#15

Acrylonitrile

Concen: 5.020 ug/l

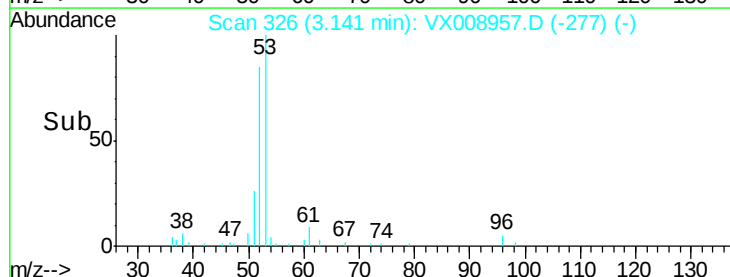
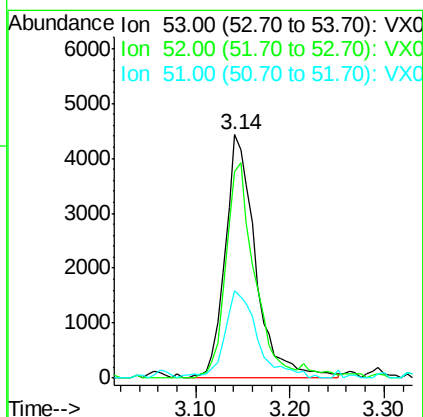
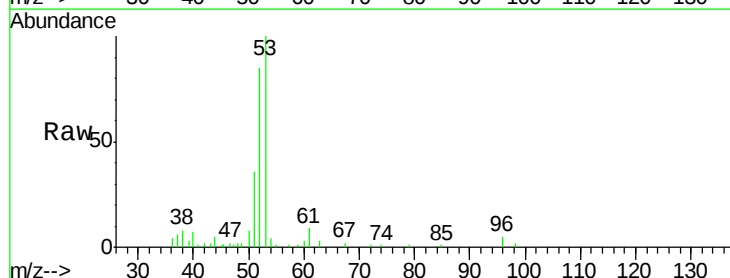
RT: 3.14 min Scan# 326

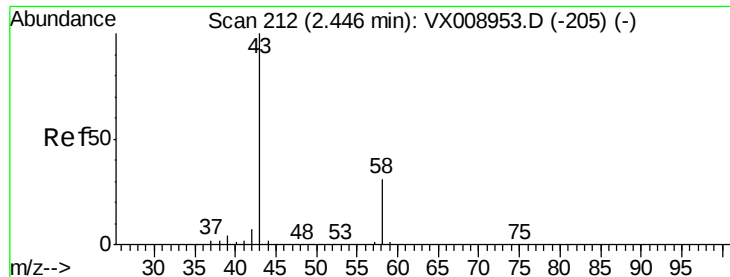
Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Tgt Ion:	53	Resp:	9998
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	100.0
51	38.7	28.3	42.5





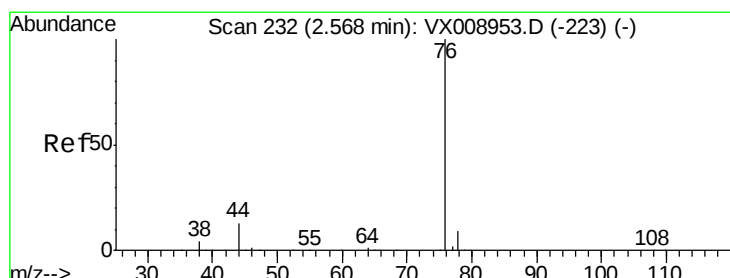
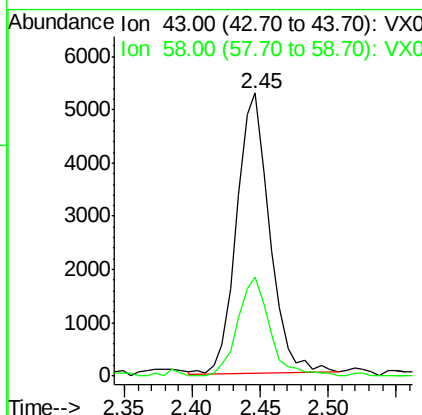
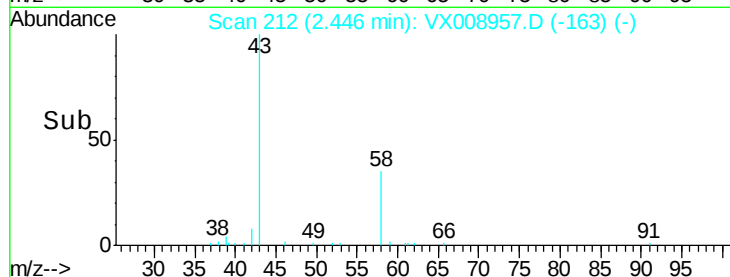
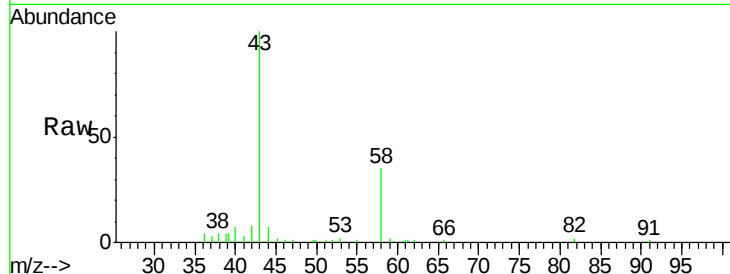
#16
Acetone
Concen: 4.868 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 8937
Ion Ratio Lower Upper
43 100
58 35.4 24.8 37.2

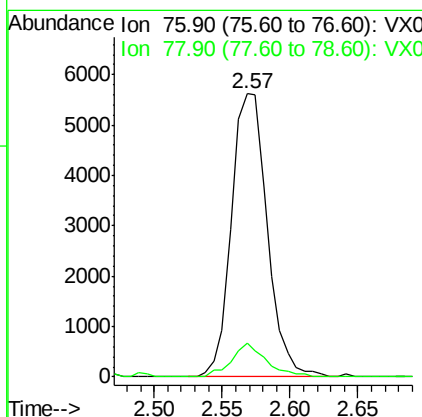
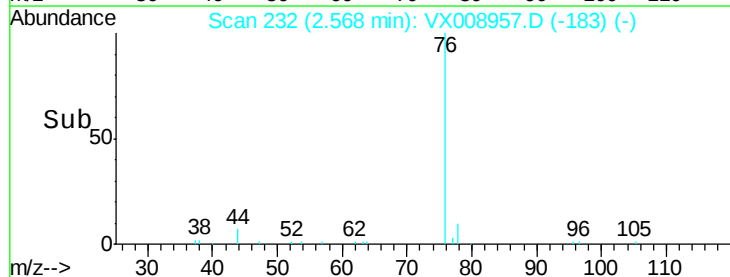
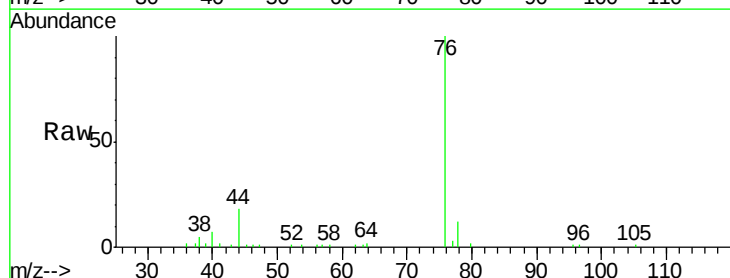
Manual Integrations
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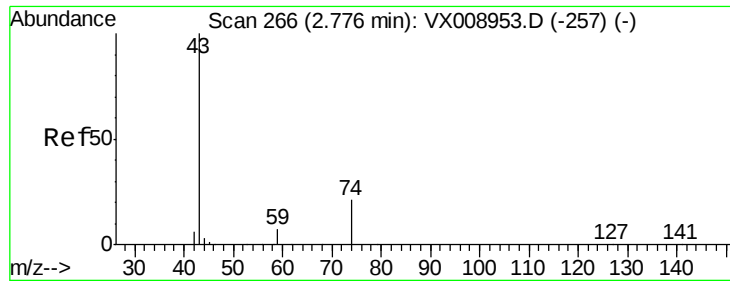
MMDadoda
4/16/2019 10:53:12 AM



#17
Carbon Disulfide
Concen: 1.252 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 76 Resp: 10312
Ion Ratio Lower Upper
76 100
78 11.9 7.2 10.8#





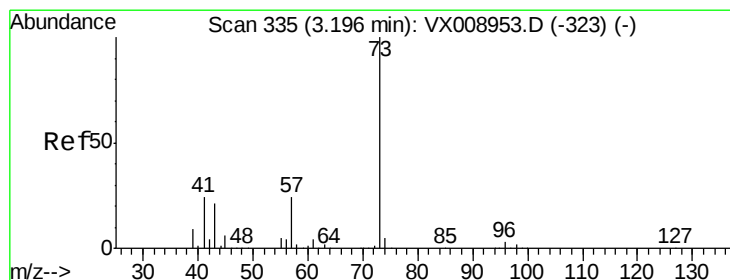
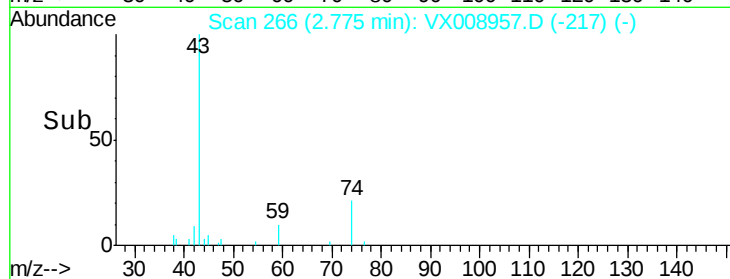
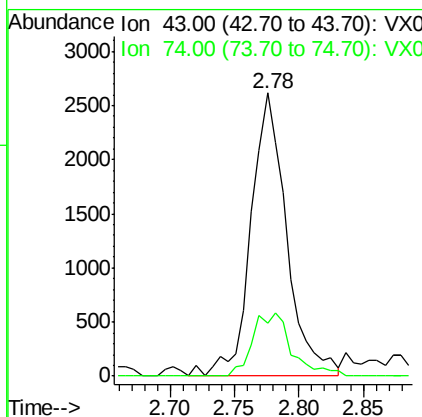
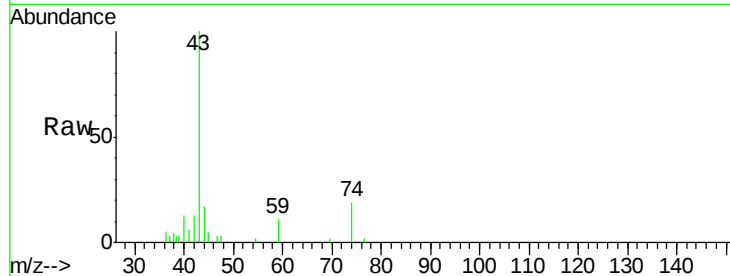
#18
Methvl Acetate
Concen: 1.116 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 5013
Ion Ratio Lower Upper
43 100
74 24.4 16.6 25.0

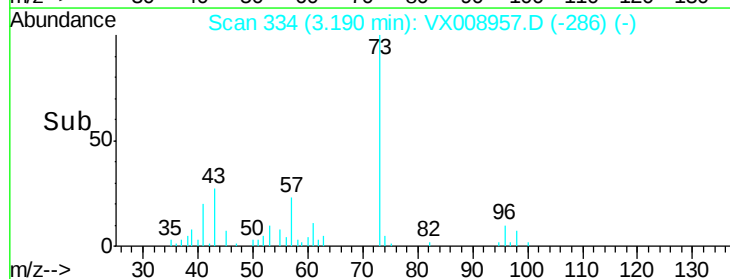
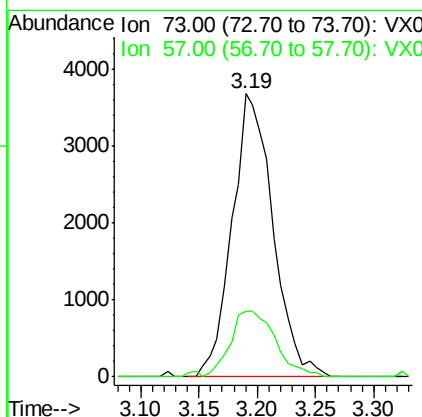
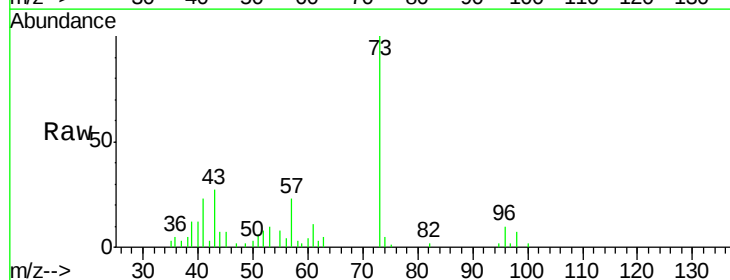
Manual Integrations
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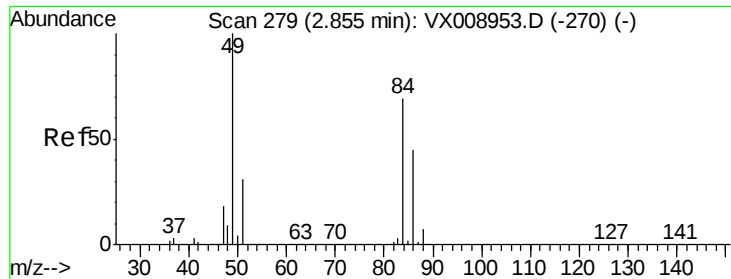
MMDadoda
4/16/2019 10:53:12 AM



#19
Methyl tert-butyl Ether
Concen: 0.985 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 73 Resp: 8999
Ion Ratio Lower Upper
73 100
57 23.1 19.2 28.8





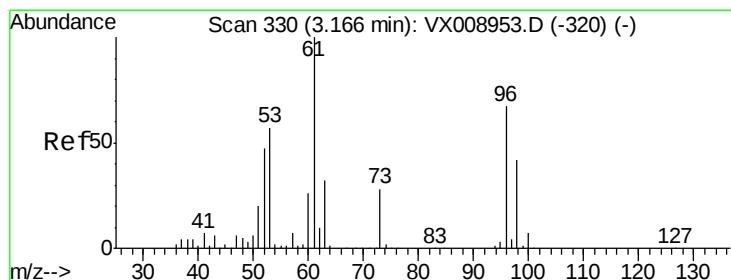
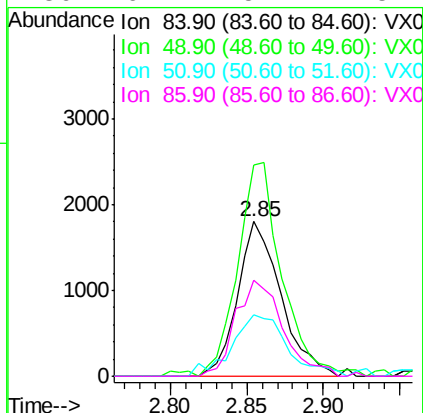
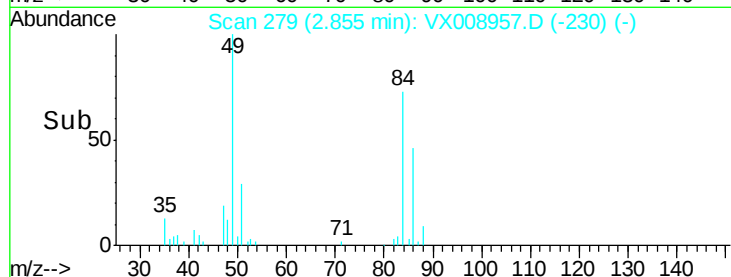
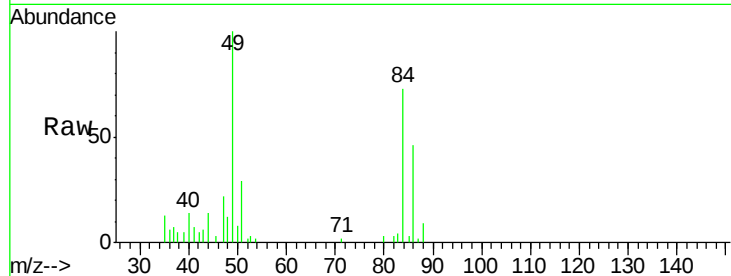
#20
Methylene Chloride
Concen: 1.143 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	3544
Ion	Ratio	Lower	Upper
84	100		
49	133.2	115.4	173.0
51	39.7	35.8	53.6
86	62.1	52.1	78.1

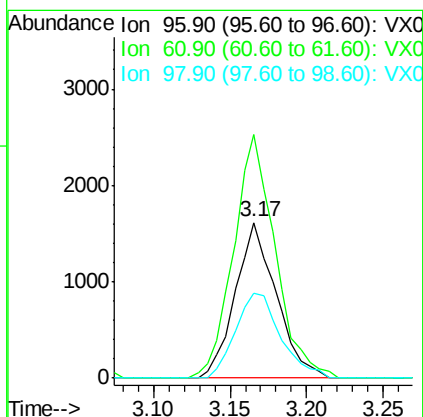
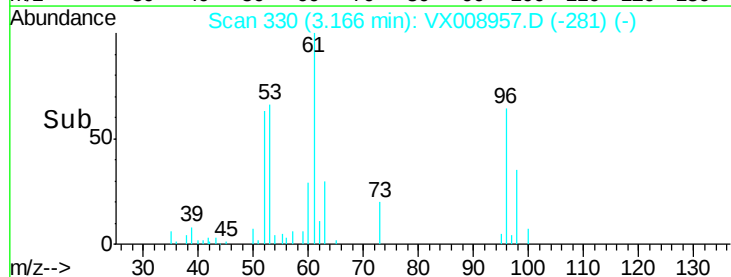
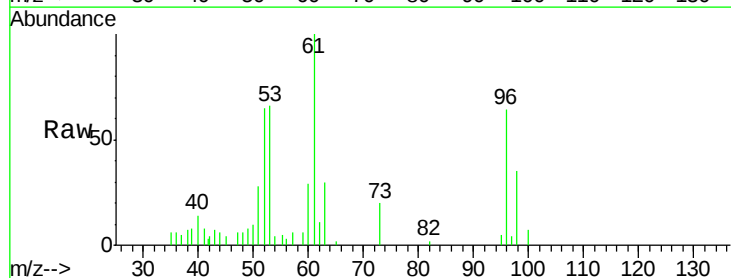
Manual Integrations
APPROVED

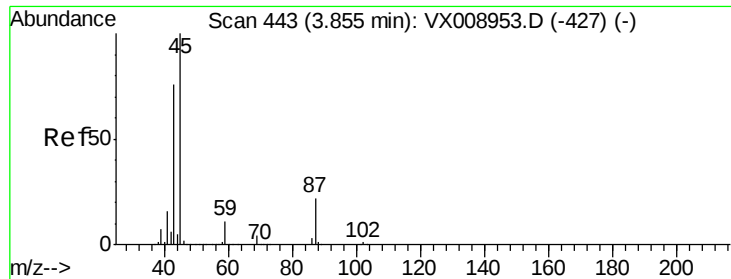
MMDadoda
4/16/2019 10:53:12 AM



#21
trans-1,2-Dichloroethene
Concen: 1.083 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion:	96	Resp:	3008
Ion	Ratio	Lower	Upper
96	100		
61	156.8	120.3	180.5
98	54.5	50.2	75.2





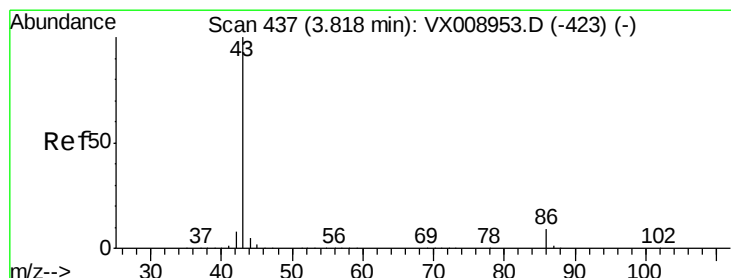
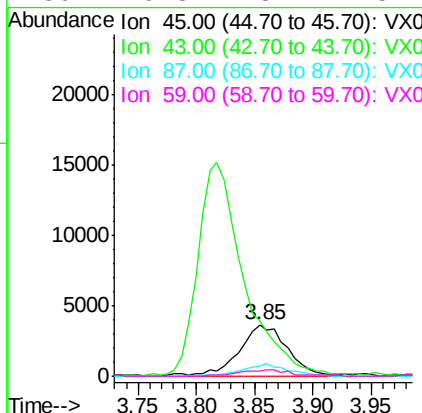
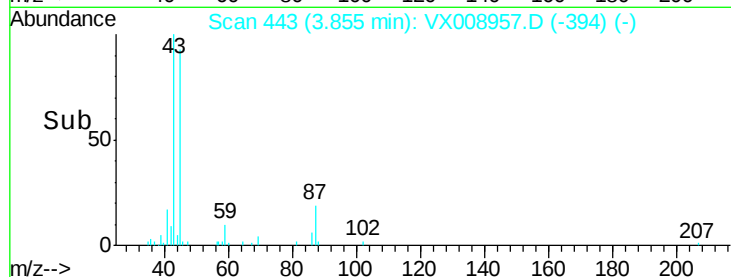
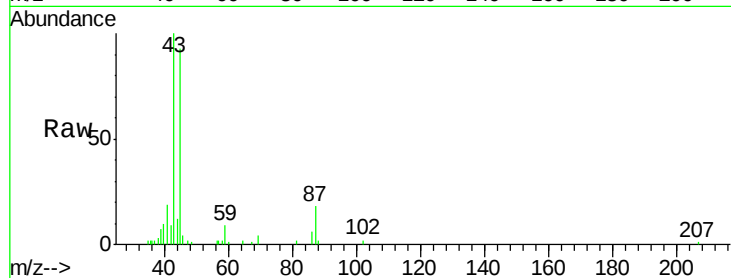
#22
Diisopropyl ether
Concen: 0.931 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	45	Resp:	10477
Ion Ratio	Lower	Upper	
45	100		
43	103.6	60.6	91.0#
87	20.2	17.8	26.8
59	10.3	8.7	13.1

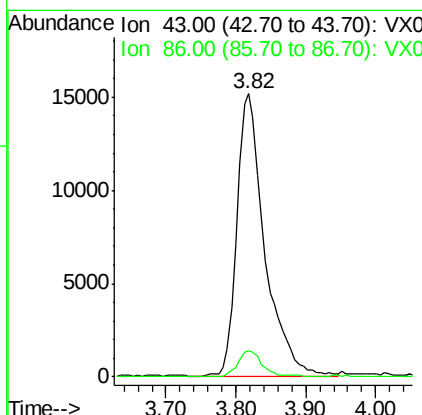
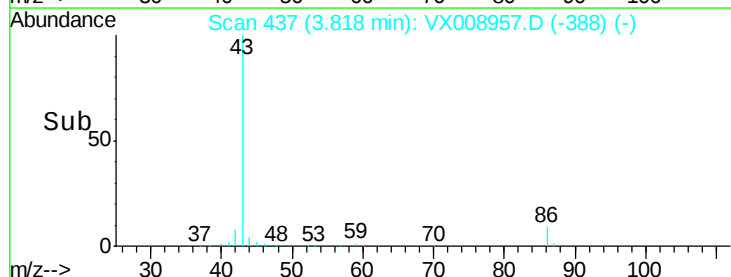
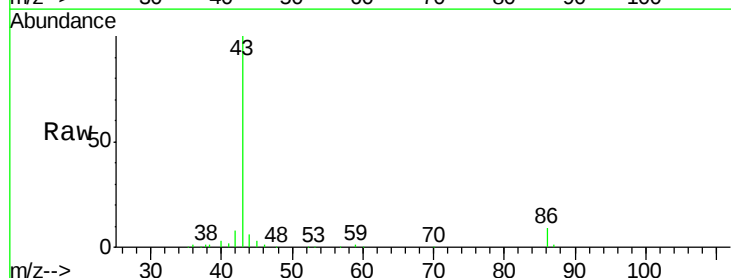
Manual Integrations
APPROVED

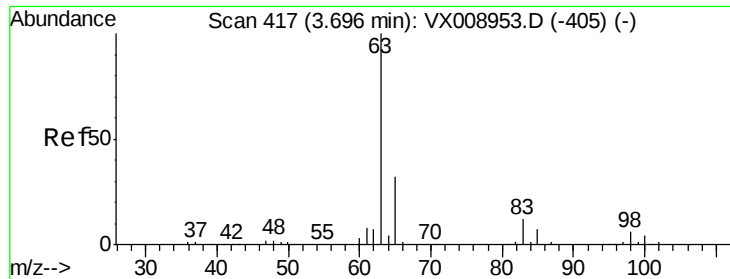
MMDadoda
4/16/2019 10:53:12 AM



#23
Vinyl Acetate
Concen: 4.305 ug/l
RT: 3.82 min Scan# 437
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion:	43	Resp:	42217
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.1	10.7





#24

1,1-Dichloroethane

Concen: 0.971 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

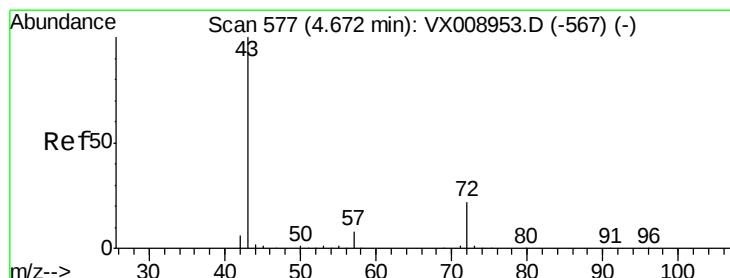
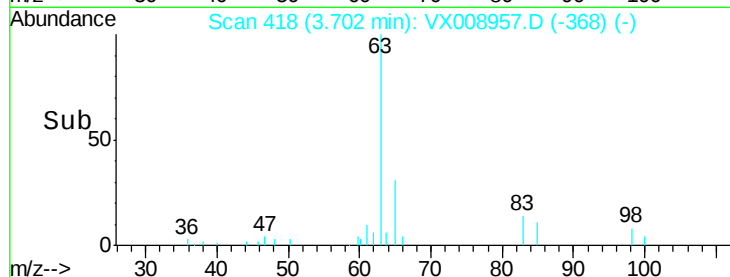
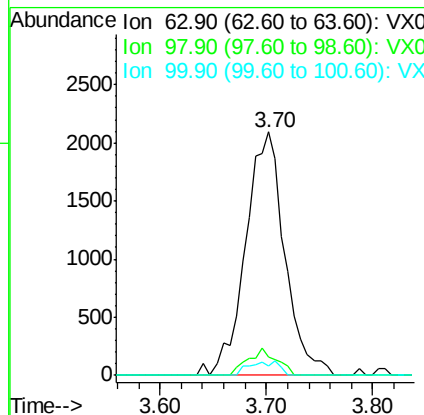
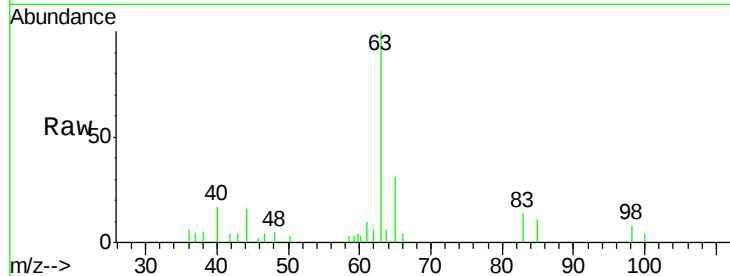
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	5405
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.1	9.3
100	3.9	1.9	5.7

Manual Integrations
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MMDadoda
4/16/2019 10:53:12 AM



#25

2-Butanone

Concen: 4.628 ug/l

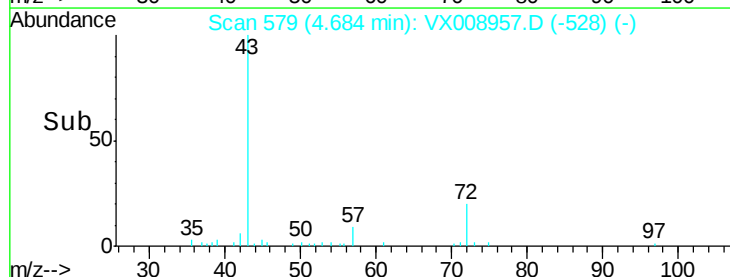
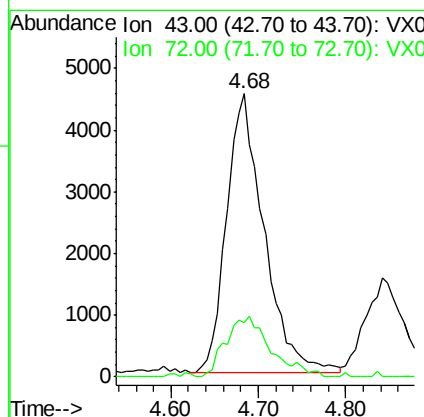
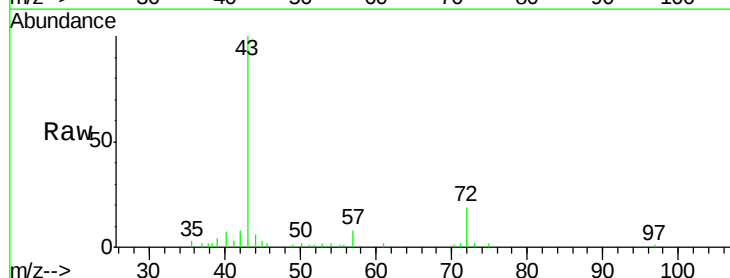
RT: 4.68 min Scan# 579

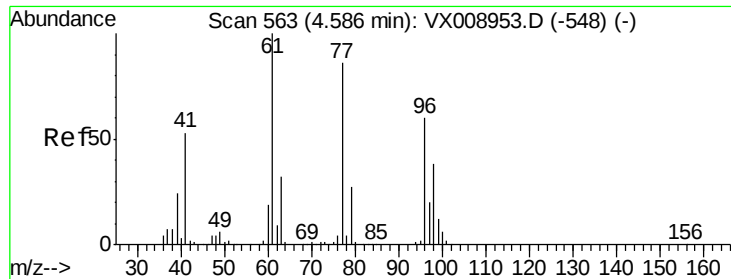
Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Tgt Ion:	43	Resp:	13494
Ion	Ratio	Lower	Upper
43	100		
72	19.5	17.5	26.3





#26

2,2-Dichloropropane

Concen: 1.019 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 77 Resp: 4029

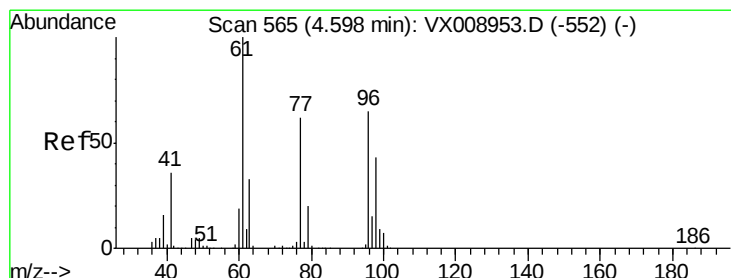
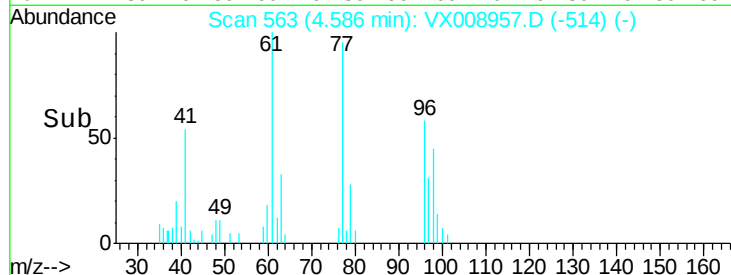
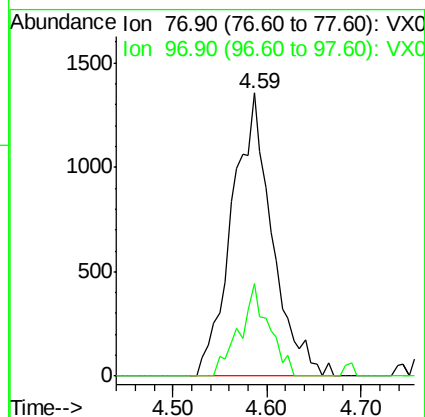
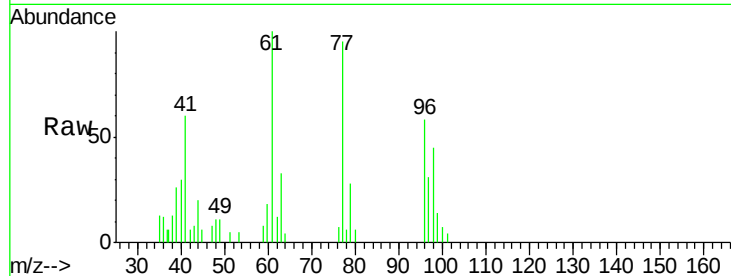
Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.0

Manual Integrations
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MMDadoda
4/16/2019 10:53:12 AM



#27

cis-1,2-Dichloroethene

Concen: 1.018 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

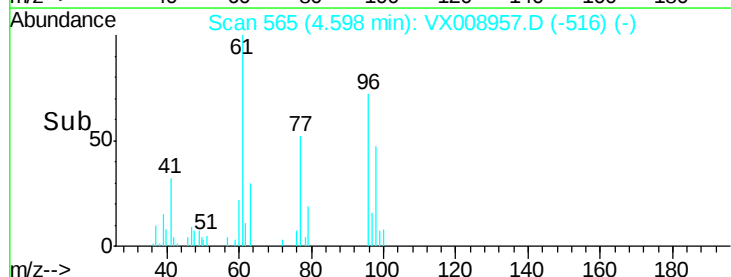
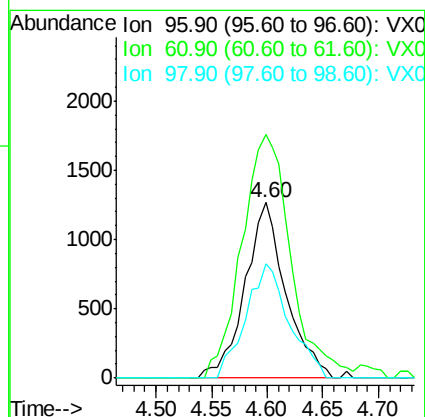
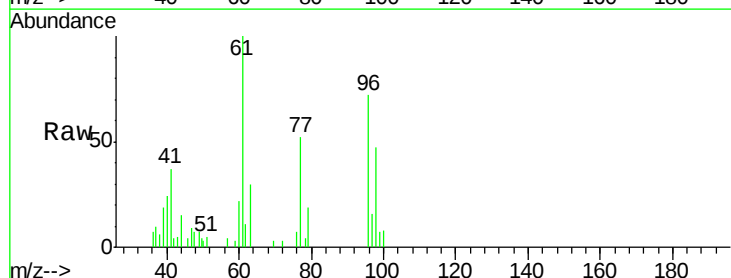
Tgt Ion: 96 Resp: 3237

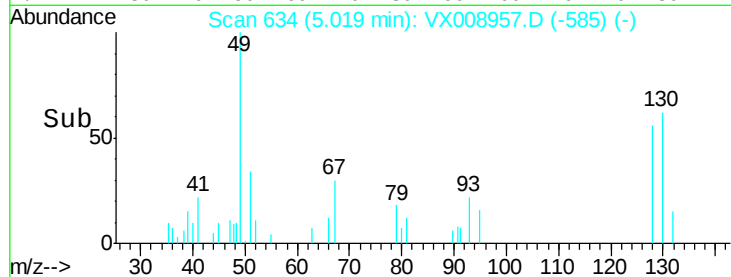
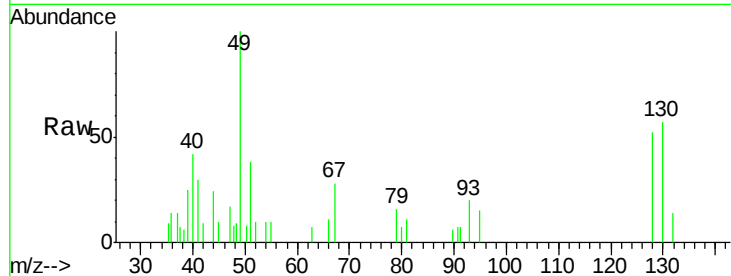
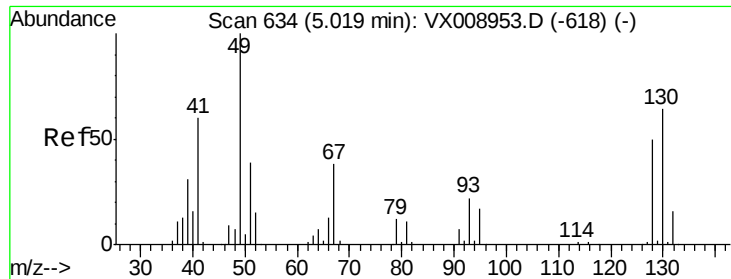
Ion Ratio Lower Upper

96 100

61 166.2 0.0 322.0

98 69.0 0.0 128.4





#28

Bromochloromethane

Concen: 1.163 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008957.D

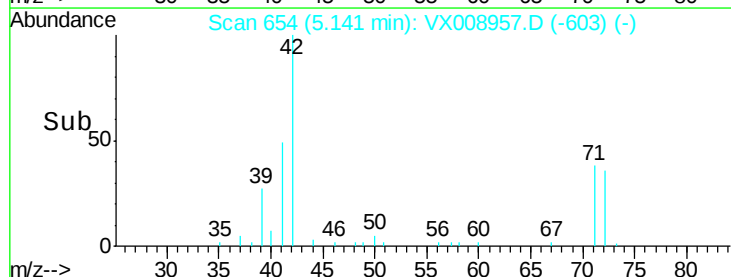
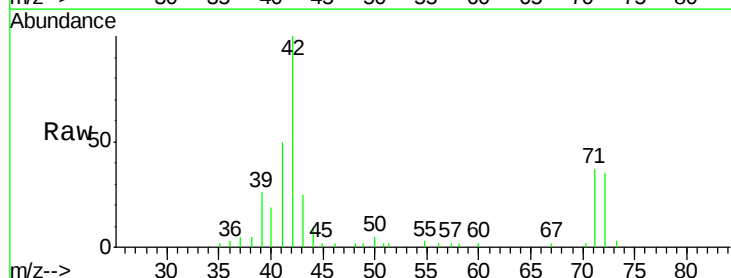
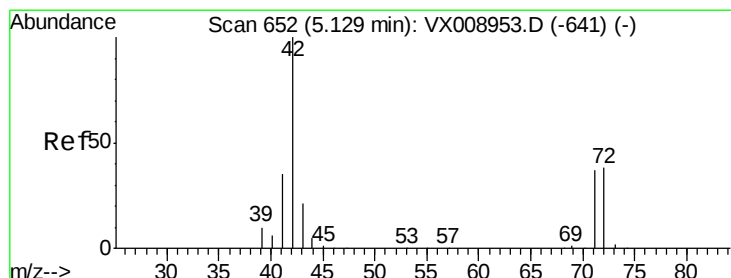
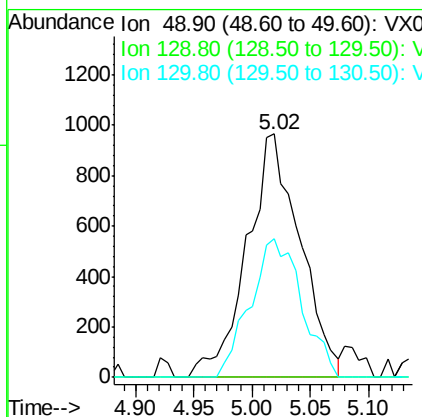
Acq: 15 Apr 2019 12:45

Tot Ion:	49	Resp:	3048
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	55.1	50.4	75.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

MMDadoda
4/16/2019 10:53:12 AM



#29

Tetrahydrofuran

Concen: 5.061 ug/l

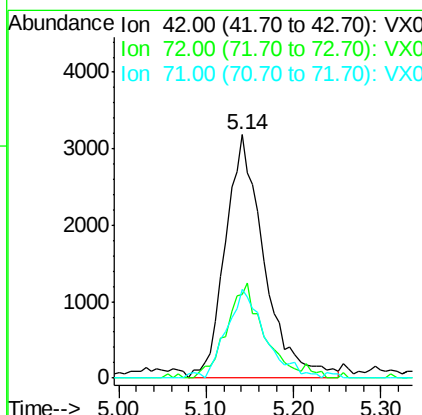
RT: 5.14 min Scan# 654

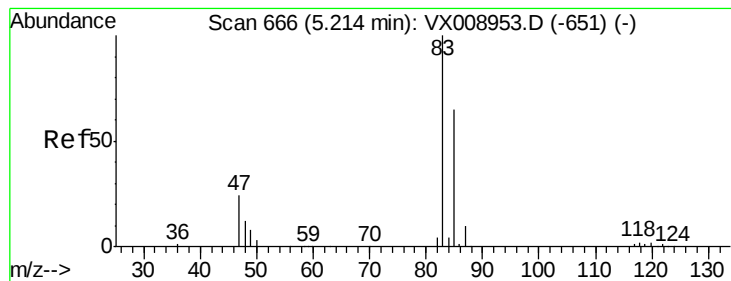
Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Tgt Ion:	42	Resp:	9829
Ion	Ratio	Lower	Upper
42	100		
72	37.1	30.6	45.8
71	35.8	28.8	43.2





#30

Chloroform

Concen: 0.967 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 83 Resp: 4818

Ion Ratio Lower Upper

83 100

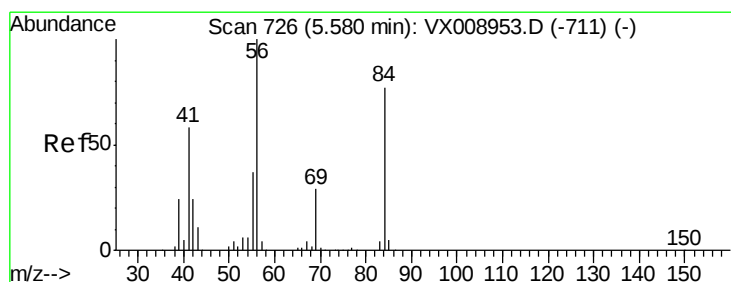
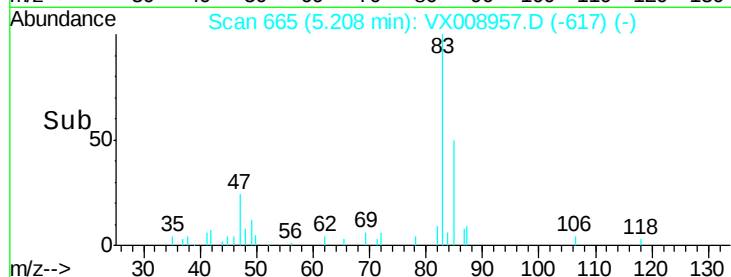
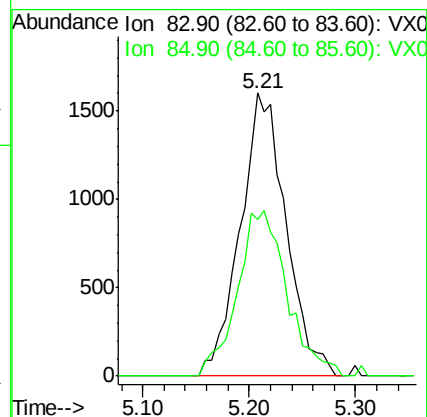
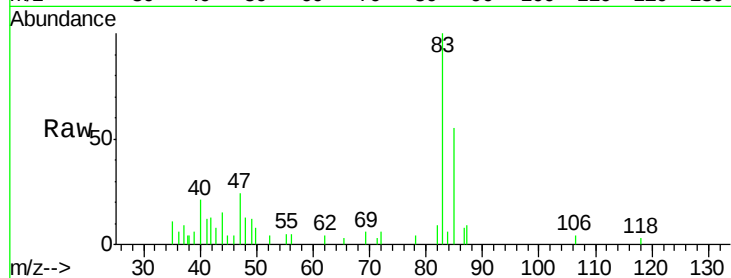
85 55.4 51.9 77.9

Manual Integrations

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MMDadoda

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#31

Cyclohexane

Concen: 0.924 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

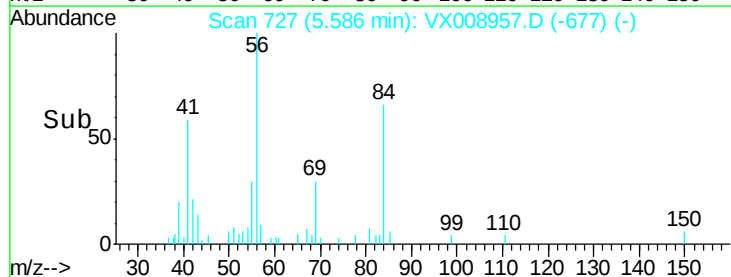
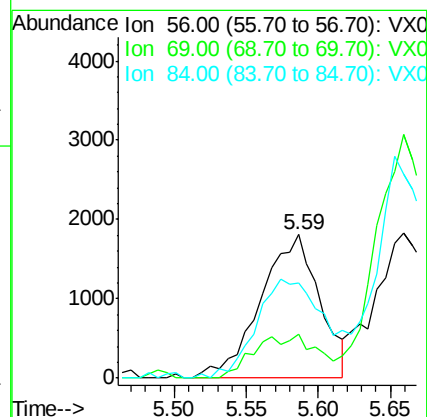
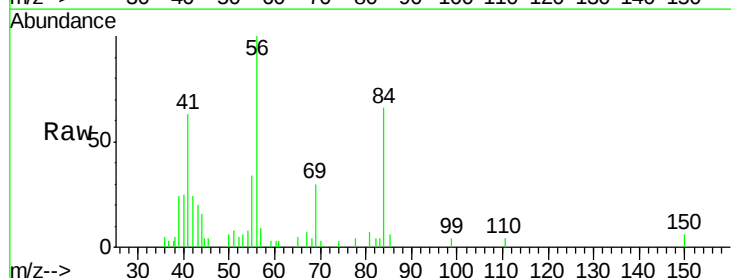
Tgt Ion: 56 Resp: 5158

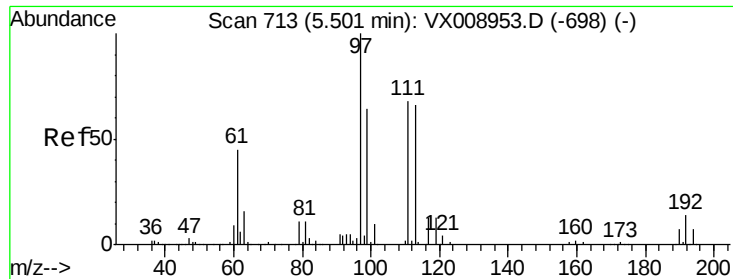
Ion Ratio Lower Upper

56 100

69 30.4 23.3 34.9

84 66.5 61.7 92.5





#32

1,1,1-Trichloroethane

Concen: 0.933 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

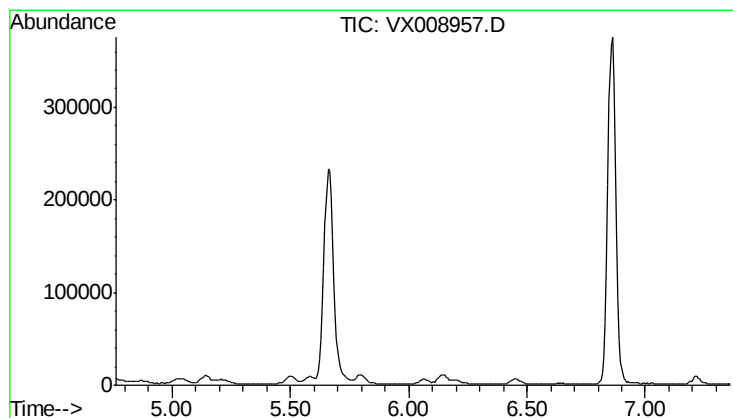
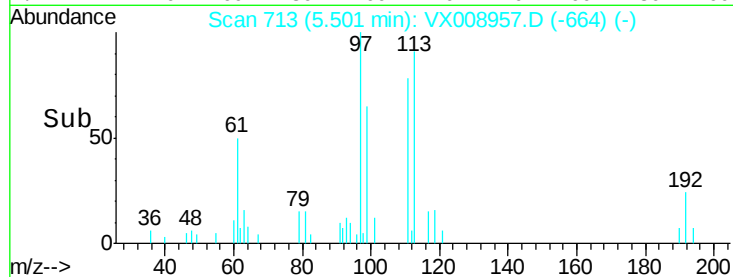
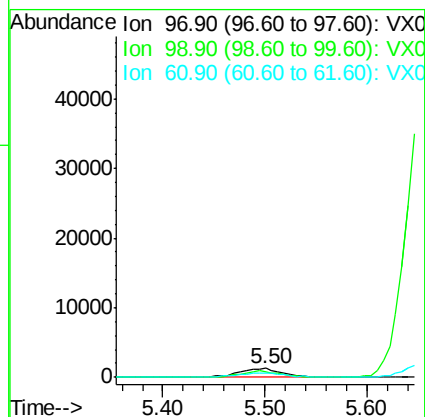
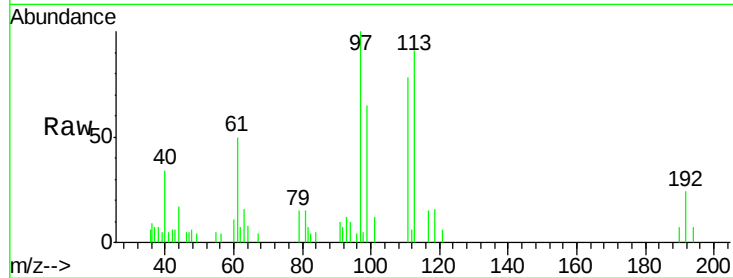
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	3765
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.6	77.4#
61	59.7	37.9	56.9#

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.06 min

Lab File: VX008957.D

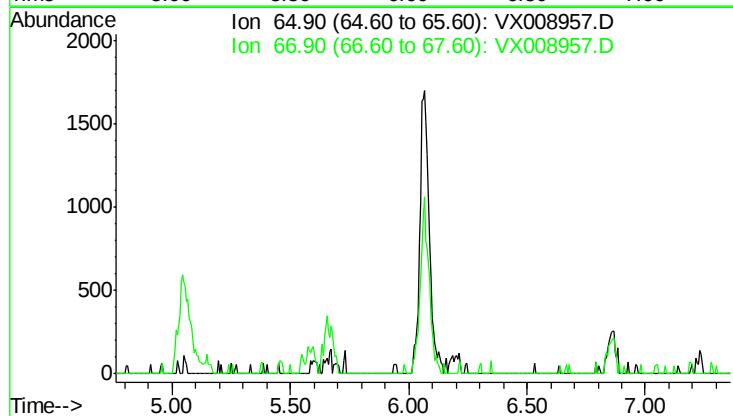
Acq: 15 Apr 2019 12:45

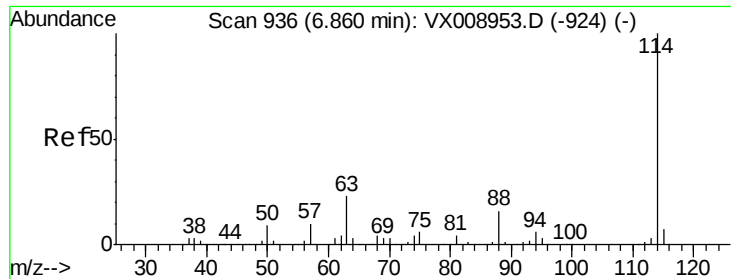
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.3





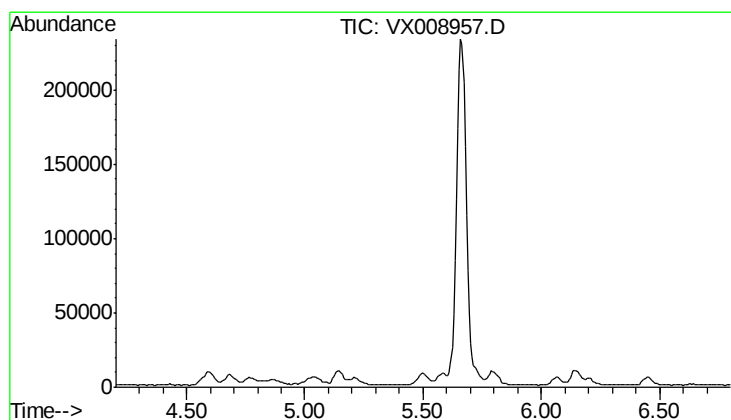
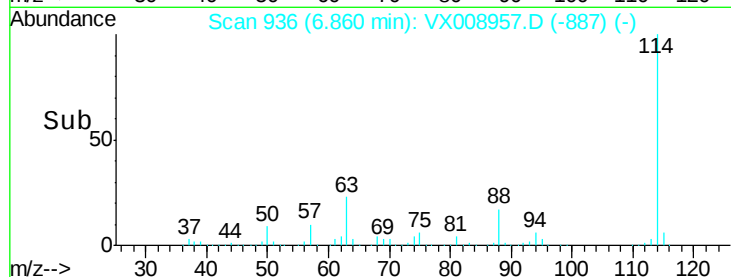
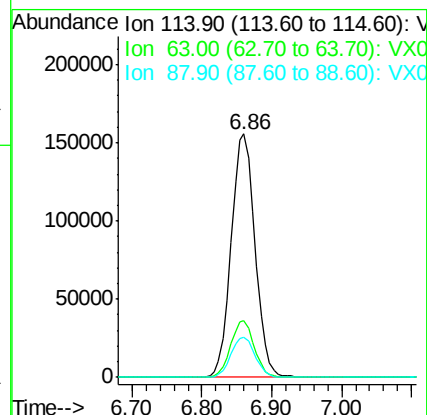
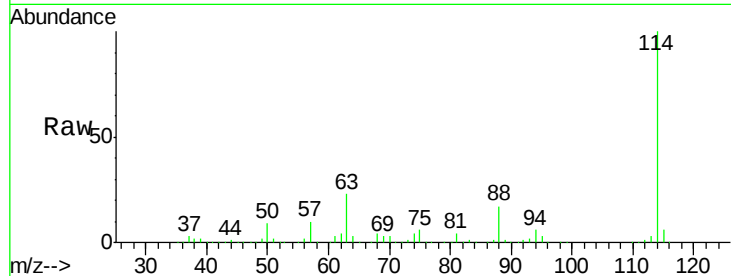
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	23.2	0.0	46.0
88	16.6	0.0	32.6

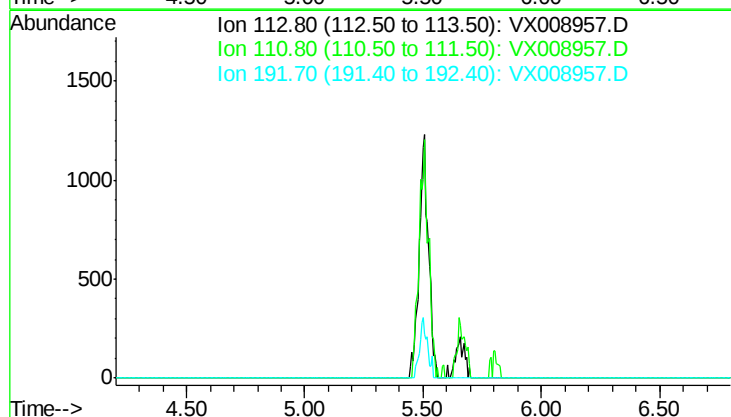
Manual Integrations
APPROVED

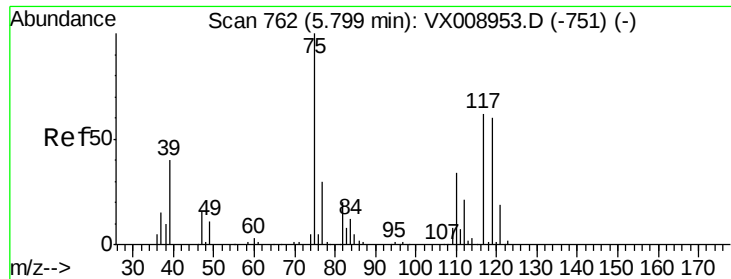
MMDadoda
4/16/2019 10:53:12 AM



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.50 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion	Exp Ratio
113	100
111	103.6
192	21.7





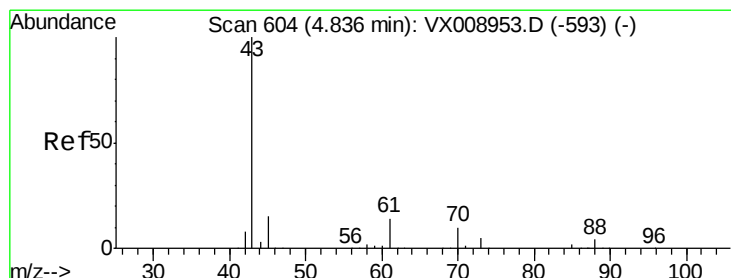
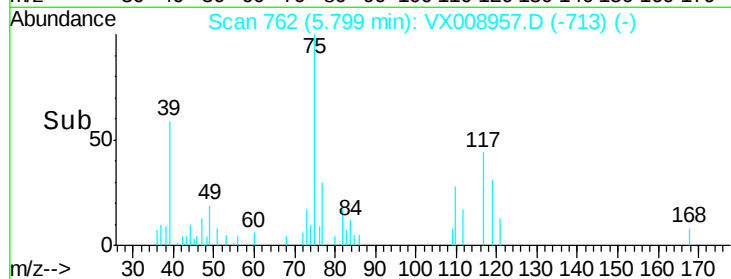
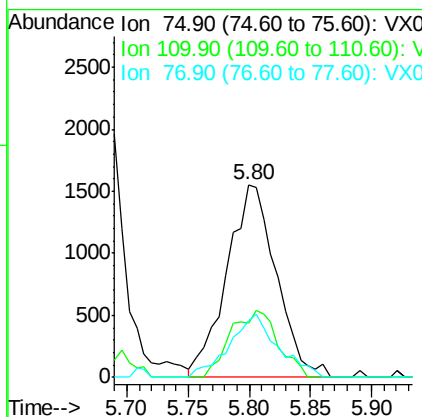
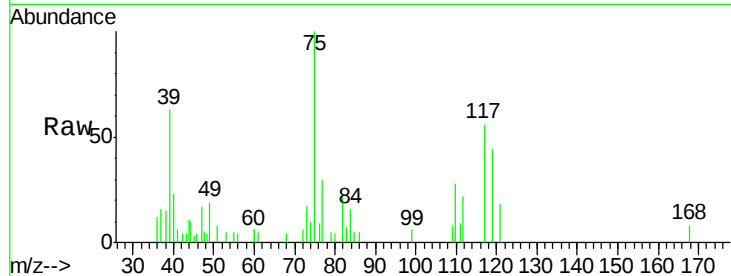
#36
 1,1-Dichloropropene
 Concen: 1.099 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	31.9	25.0	37.4

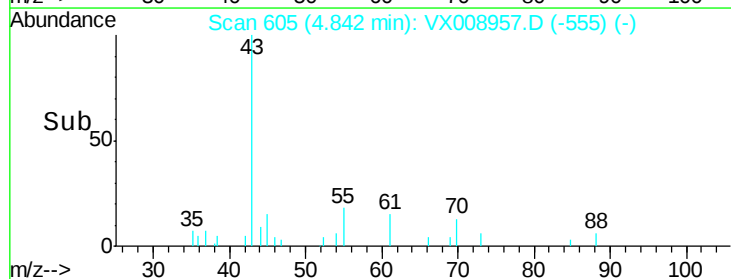
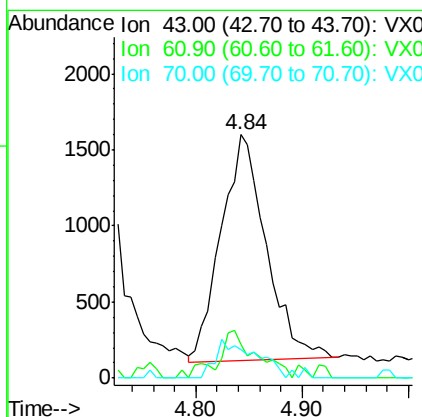
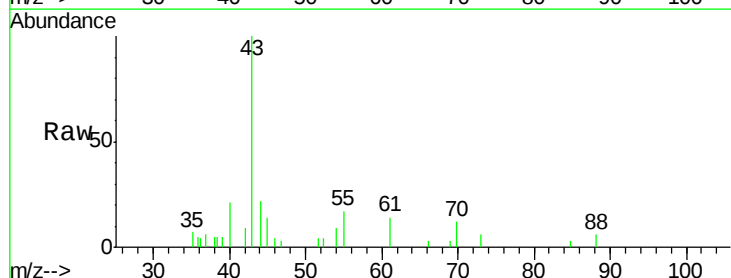
Manual Integrations
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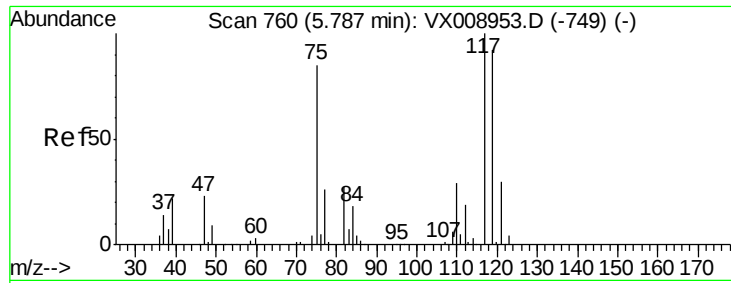
MMDadoda
 4/16/2019 10:53:12 AM



#37
 Ethyl Acetate
 Concen: 0.832 ug/l
 RT: 4.84 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.6	15.8
70	15.1	7.7	11.5#





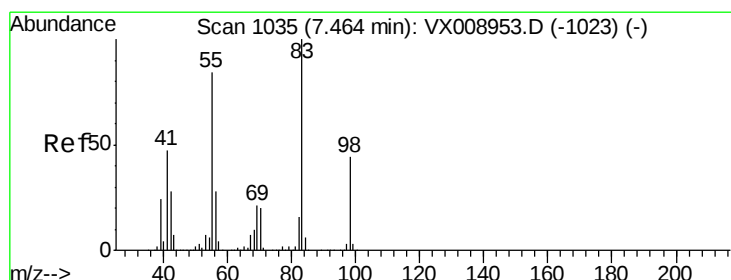
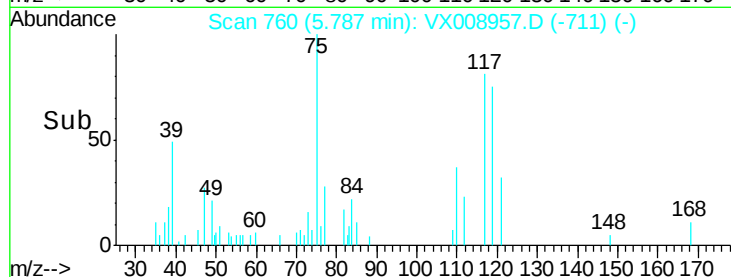
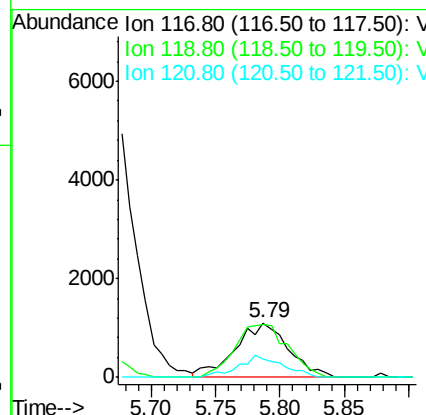
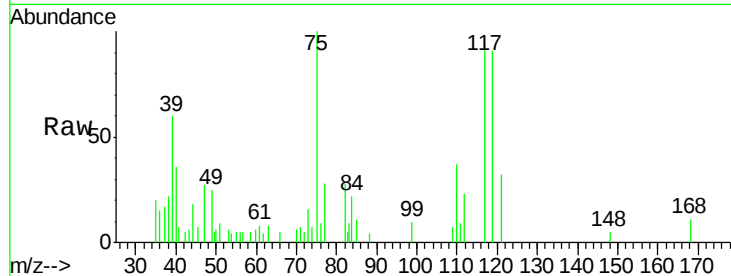
#38
Carbon Tetrachloride
Concen: 0.961 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.4	73.8	110.8
121	33.8	23.6	35.4

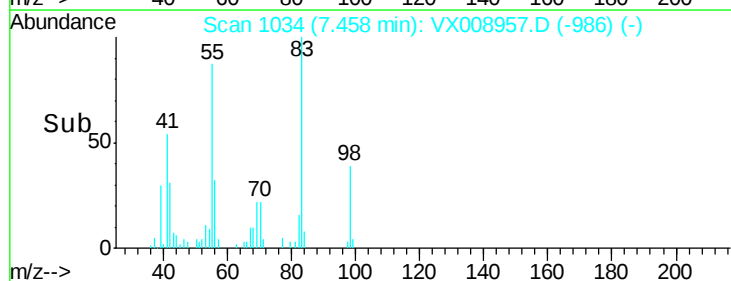
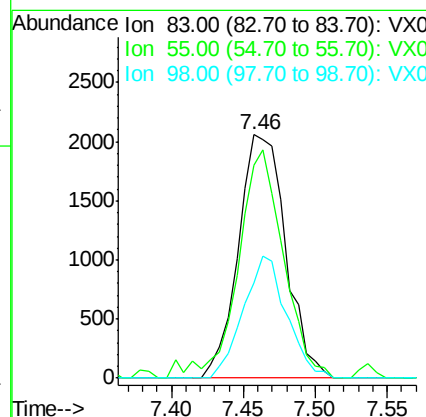
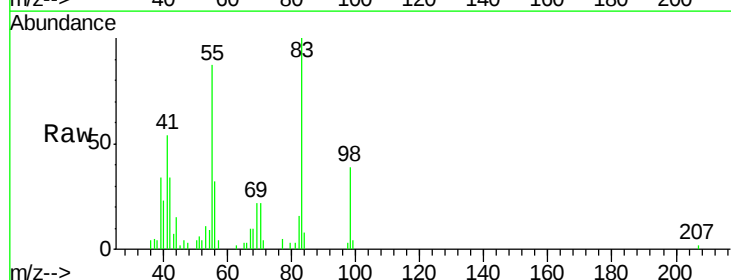
Manual Integrations
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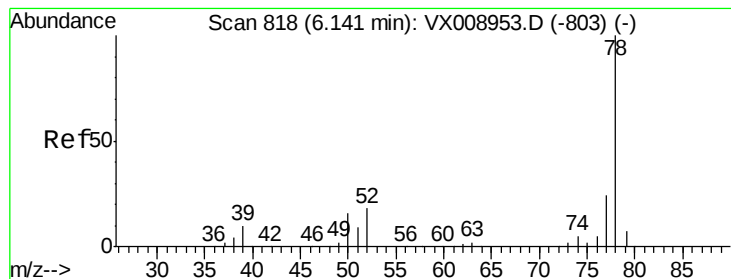
MMDadoda
4/16/2019 10:53:12 AM



#39
Methylcyclohexane
Concen: 0.958 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.4	67.1	100.7
98	39.1	35.1	52.7





#40

Benzene

Concen: 1.009 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 11902

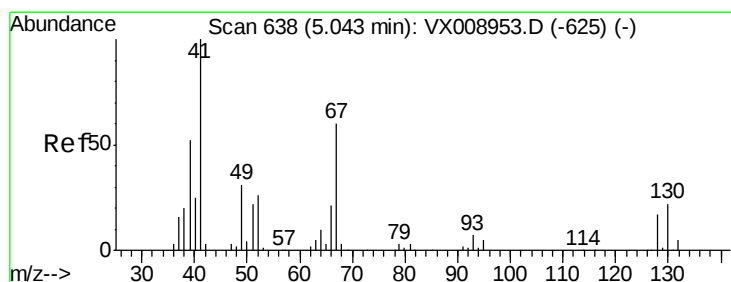
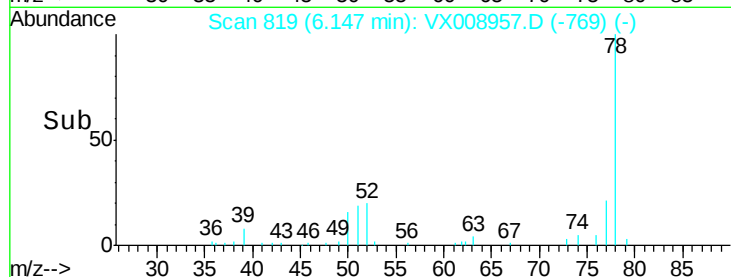
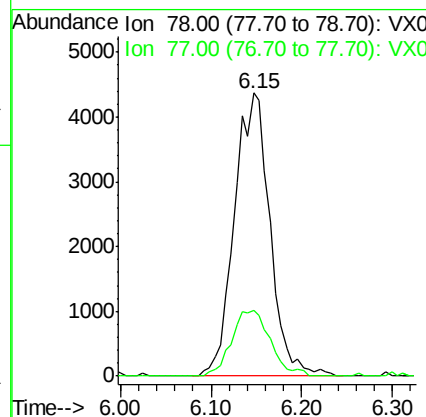
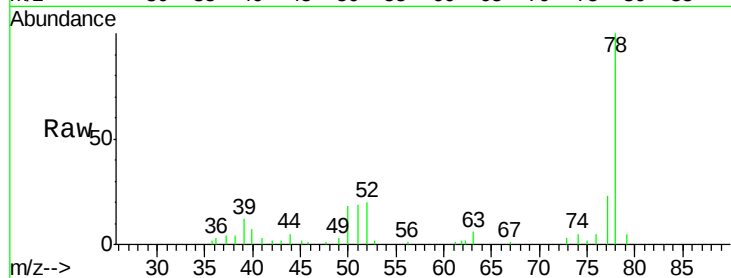
Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

Manual Integrations
APPROVED

MMDadoda
4/16/2019 10:53:12 AM



#41

Methacrylonitrile

Concen: 0.929 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Tgt Ion: 41 Resp: 2820

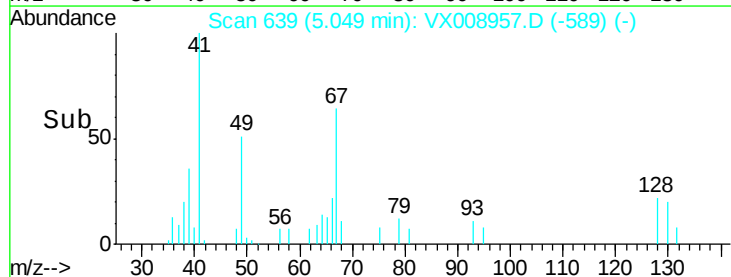
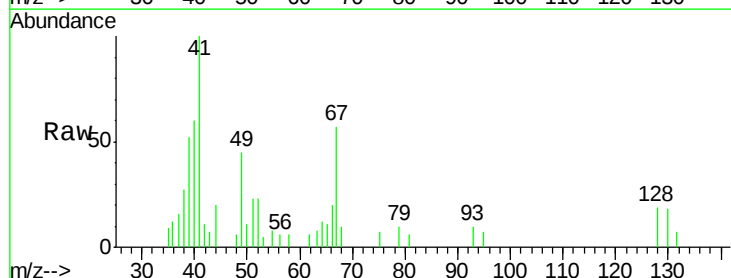
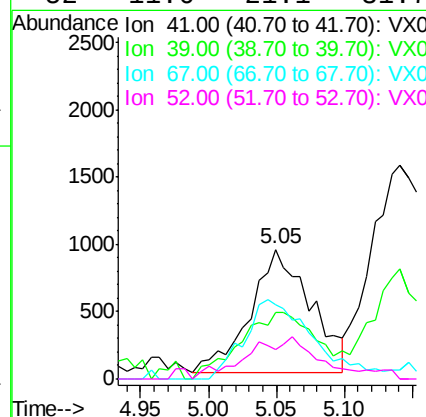
Ion Ratio Lower Upper

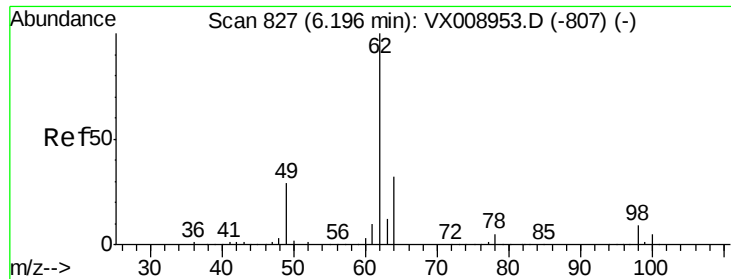
41 100

39 66.7 41.8 62.6#

67 74.0 50.2 75.4

52 11.6 21.1 31.7#





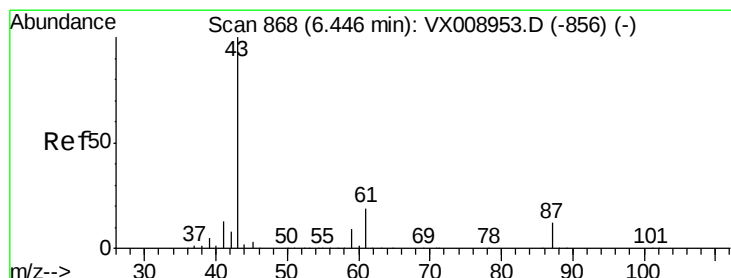
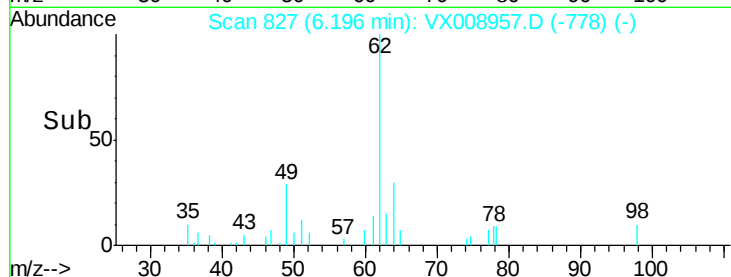
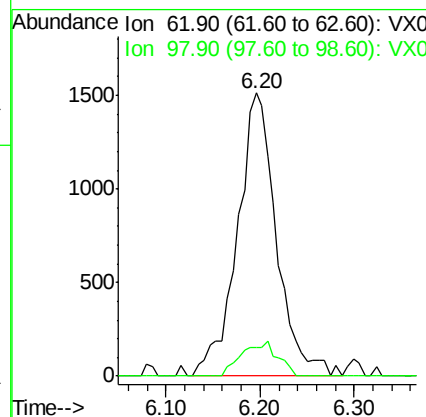
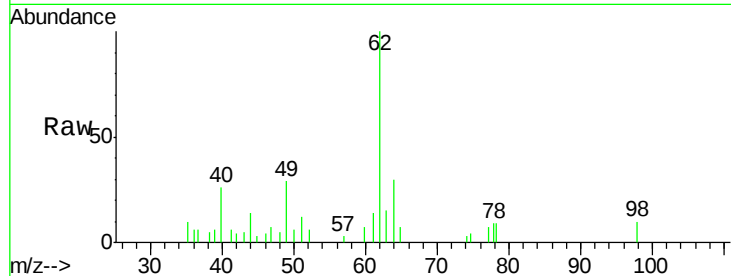
#42
 1,2-Dichloroethane
 Concen: 1.041 ug/l
 RT: 6.20 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	18.4

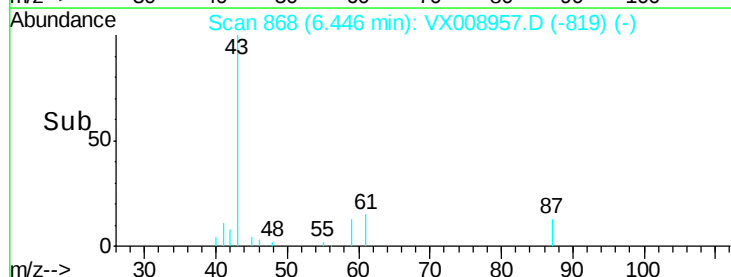
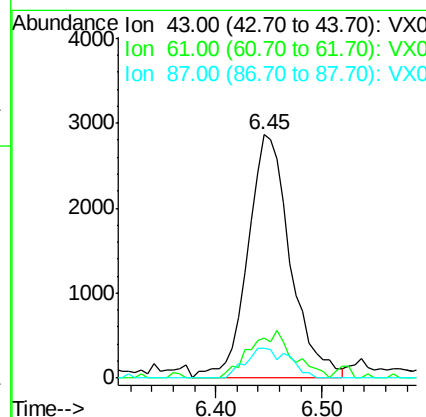
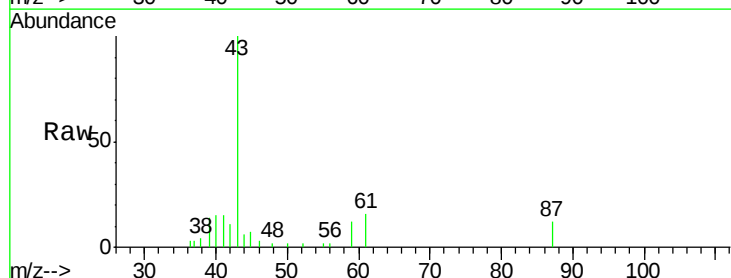
Manual Integrations
 APPROVED

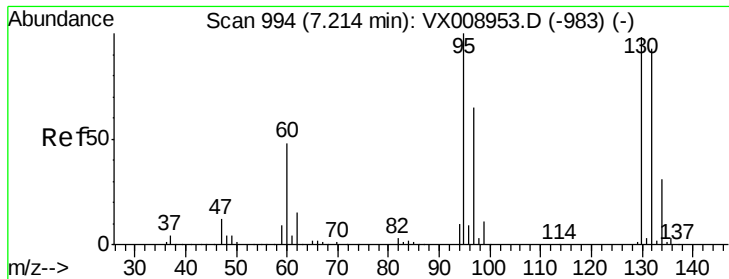
MMDadoda
 4/16/2019 10:53:12 AM



#43
 Isopropyl Acetate
 Concen: 0.970 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.4	23.0
87	12.6	9.0	13.4





#44

Trichloroethene

Concen: 1.114 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3078

Ion Ratio Lower Upper

130 100

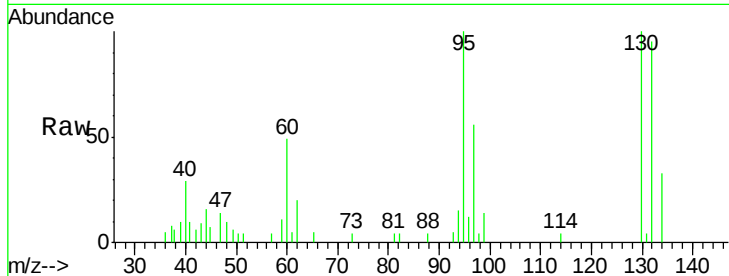
95 100.4 0.0 203.2

Manual Integrations

APPROVED

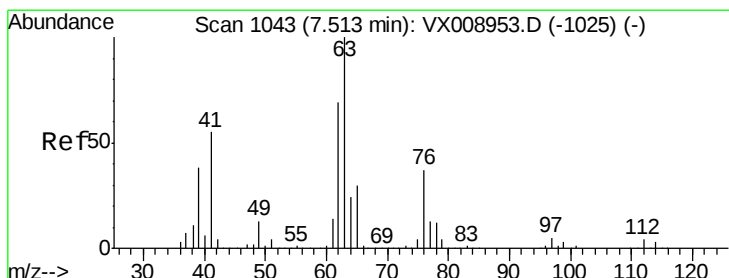
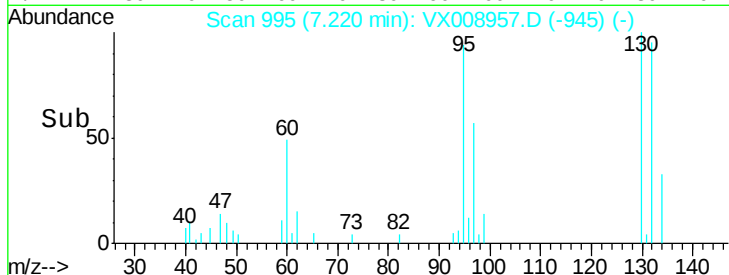
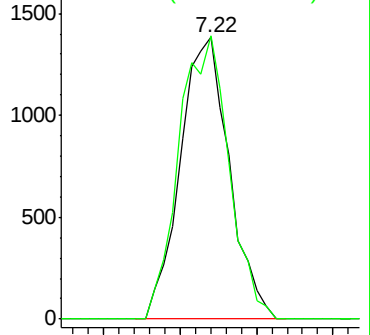
MMDadoda

4/16/2019 10:53:12 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.925 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX008957.D

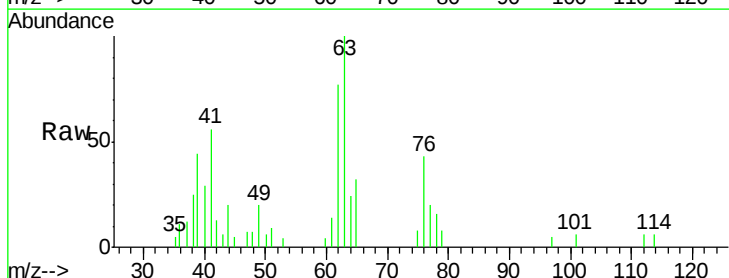
Acq: 15 Apr 2019 12:45

Tgt Ion: 63 Resp: 3103

Ion Ratio Lower Upper

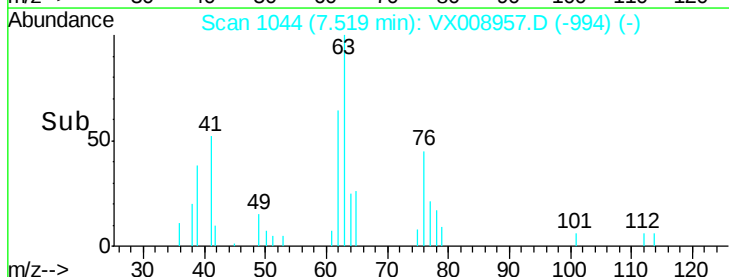
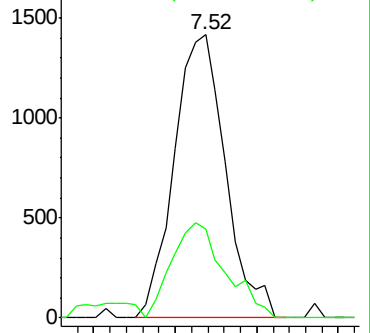
63 100

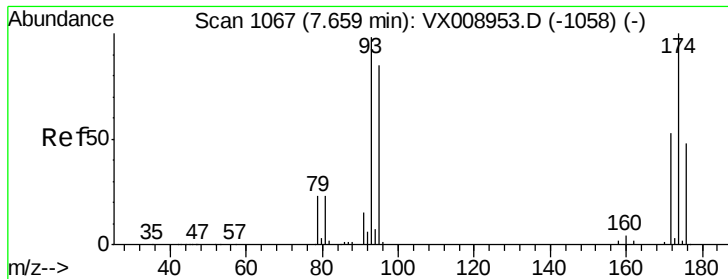
65 31.5 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





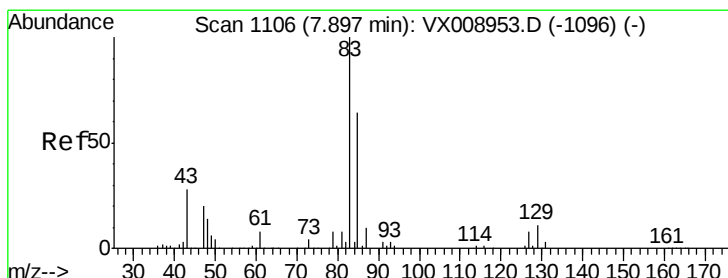
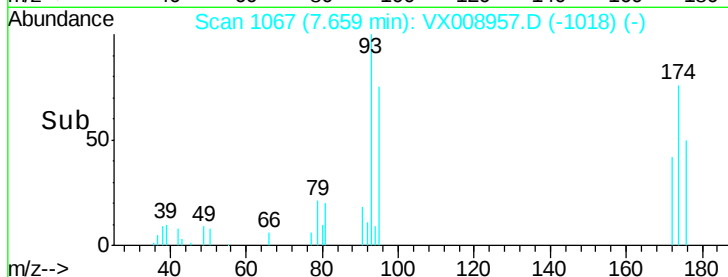
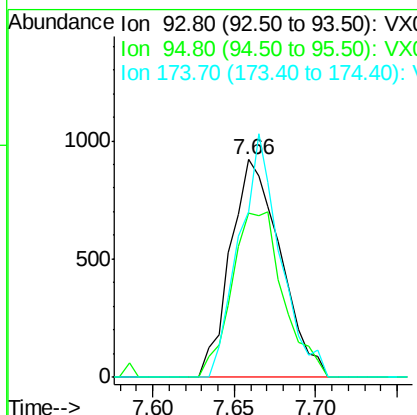
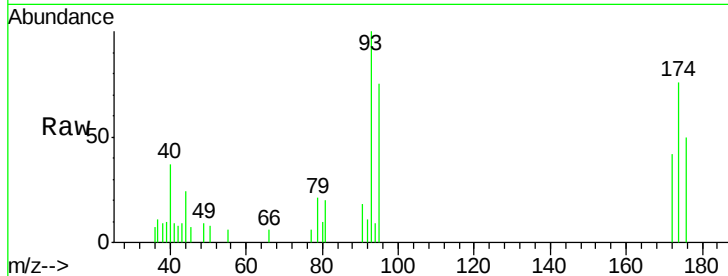
#46
 Dibromomethane
 Concen: 1.004 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	78.2	67.0	100.4
174	91.9	81.6	122.4

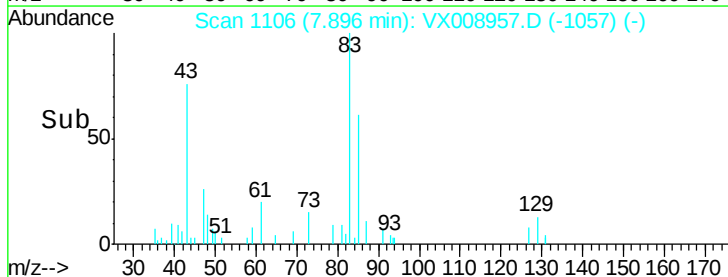
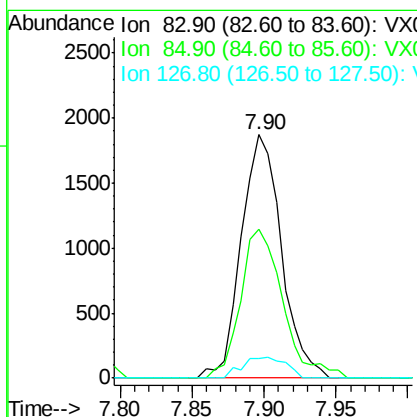
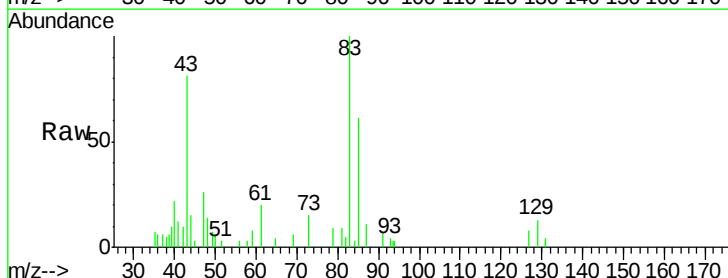
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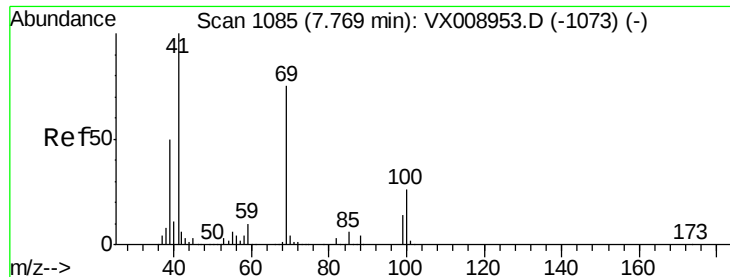
MMDadoda
 4/16/2019 10:53:12 AM



#47
 Bromodichloromethane
 Concen: 0.985 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	50.8	76.2
127	7.8	6.4	9.6





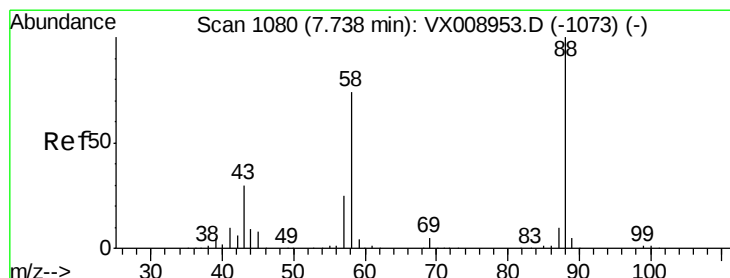
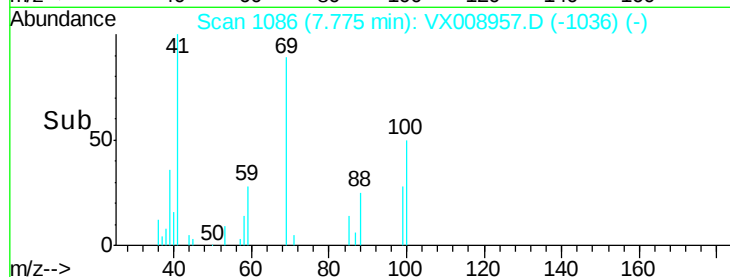
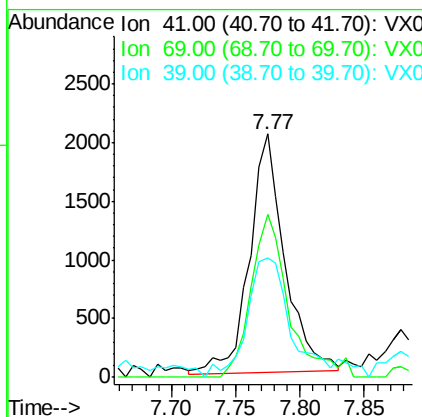
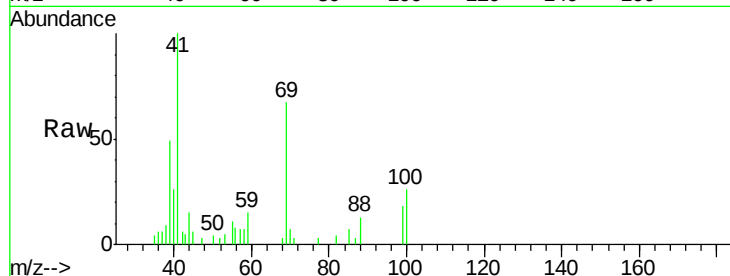
#48
Methvl methacrylate
Concen: 0.914 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
41	100	3813		
69	73.5		59.4	89.2
39	61.3		39.8	59.6#

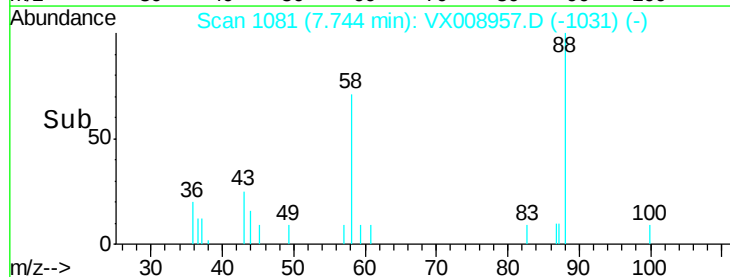
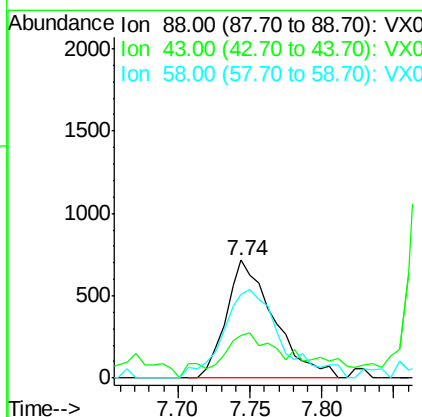
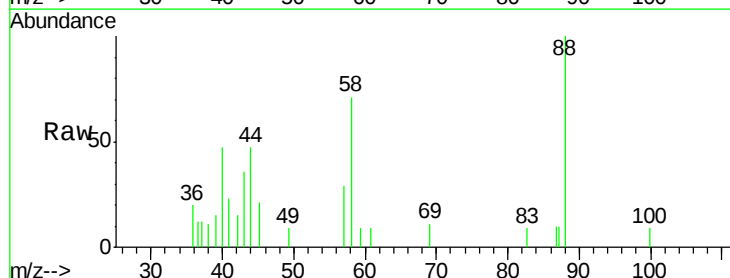
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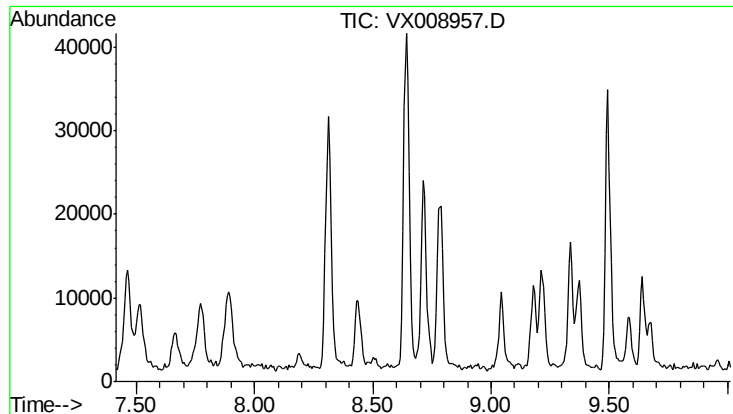
MMDadoda
4/16/2019 10:53:12 AM



#49
1,4-Dioxane
Concen: 21.252 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	1649		
43	51.5		29.3	43.9#
58	90.2		62.6	93.8





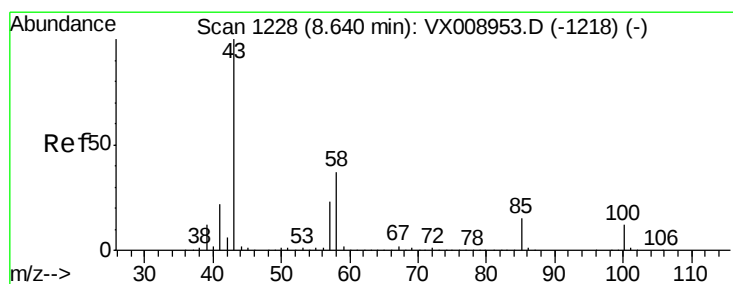
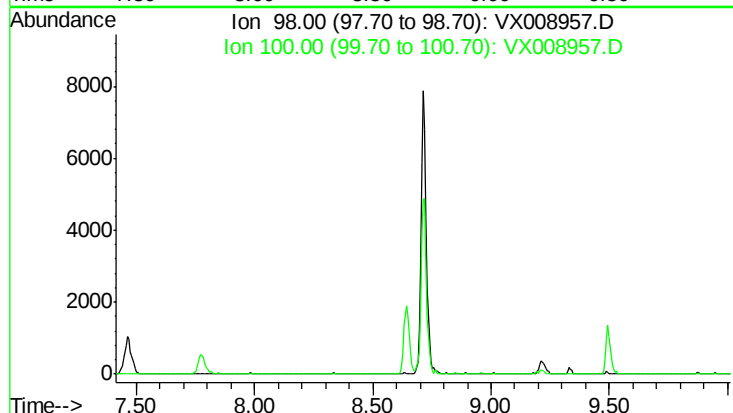
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.3

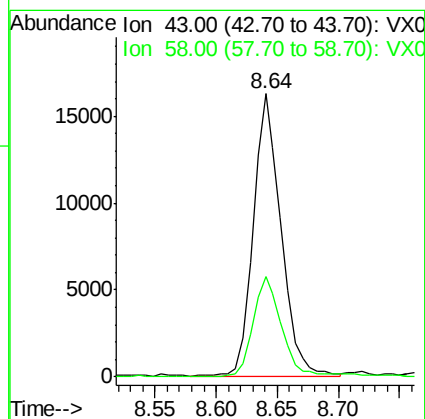
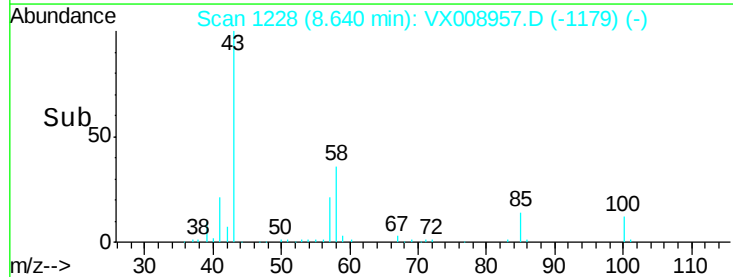
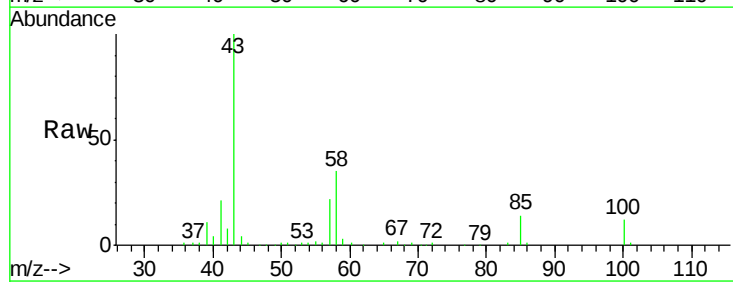
Manual Integrations
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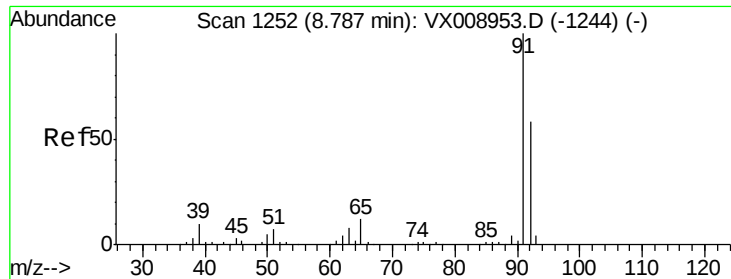
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.876 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 43 Resp: 25898
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.6





#52

Toluene

Concen: 1.046 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 7275

Ion Ratio Lower Upper

92 100

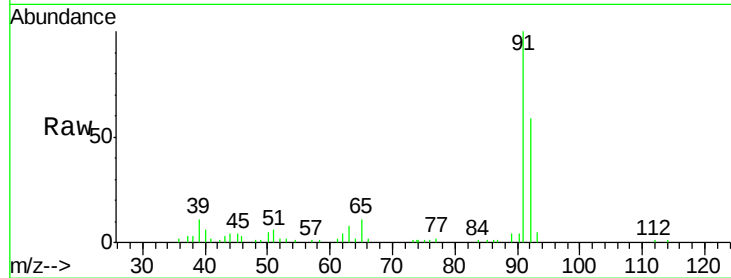
91 168.5 138.5 207.7

Manual Integrations

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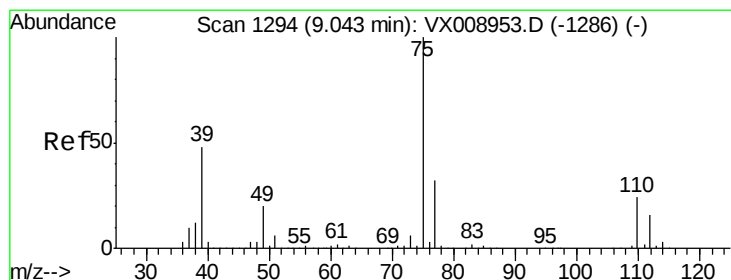
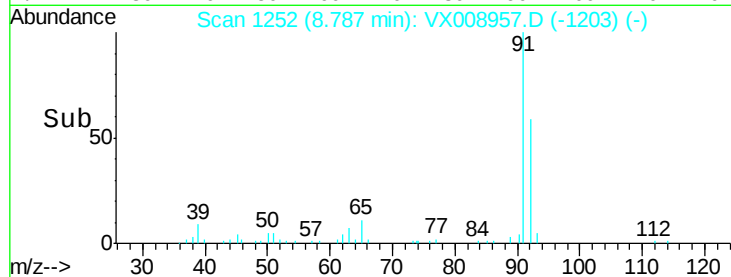
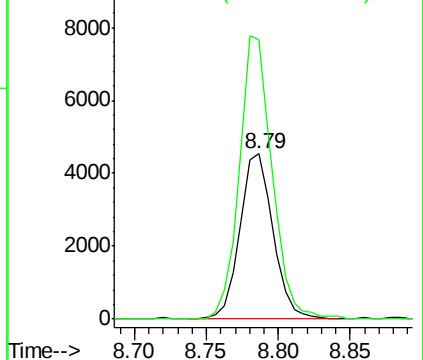
MMDadoda

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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.916 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008957.D

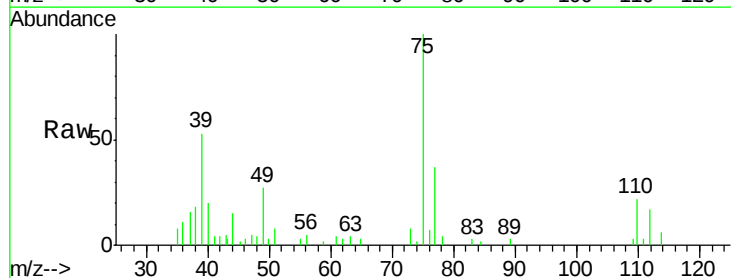
Acq: 15 Apr 2019 12:45

Tgt Ion: 75 Resp: 3794

Ion Ratio Lower Upper

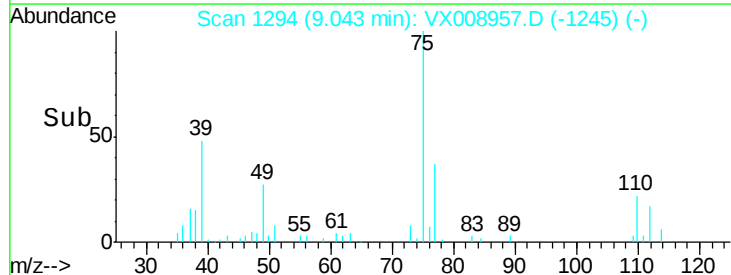
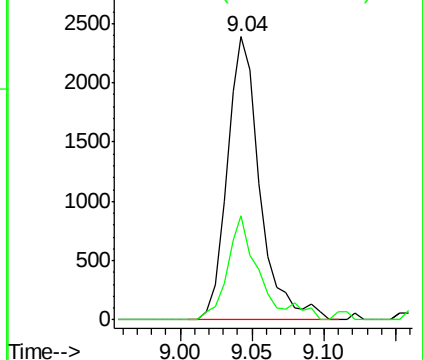
75 100

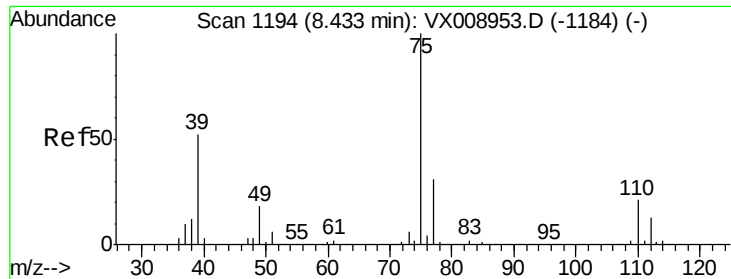
77 36.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





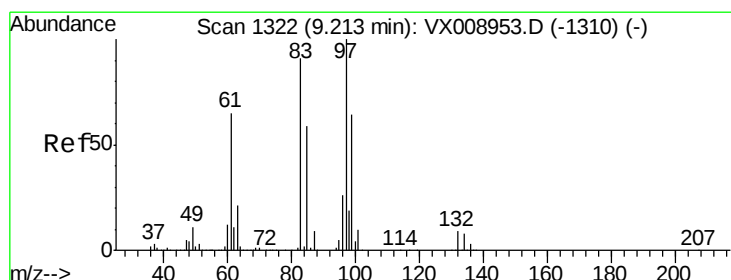
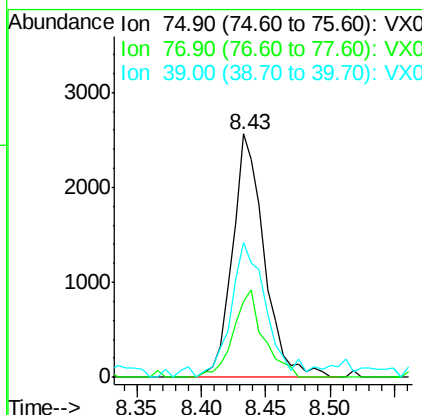
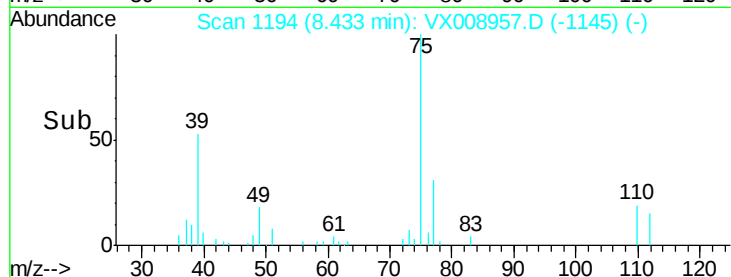
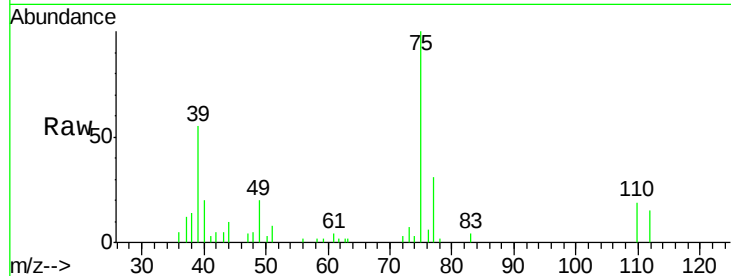
#54
 cis-1,3-Dichloropropene
 Concen: 0.929 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.8	37.2
39	51.0	41.8	62.6

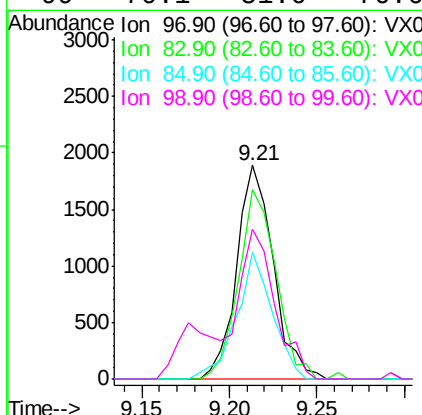
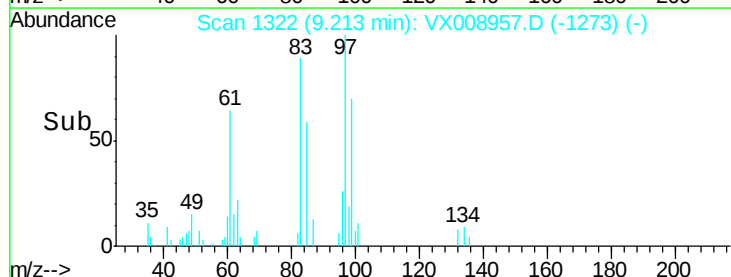
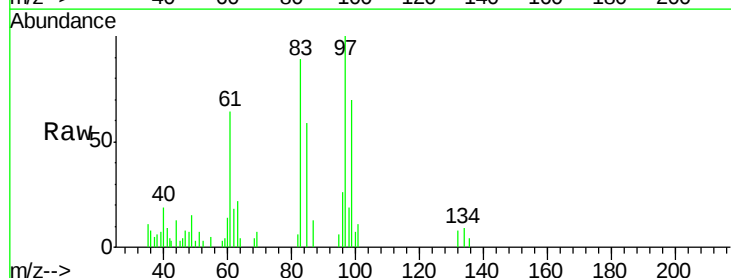
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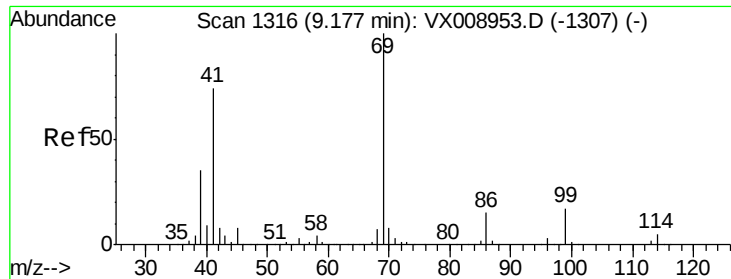
MMDadoda
 4/16/2019 10:53:12 AM



#55
 1,1,2-Trichloroethane
 Concen: 0.986 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.9	72.6	108.8
85	59.2	46.9	70.3
99	70.1	51.0	76.6





#56

Ethyl methacrylate

Concen: 0.927 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

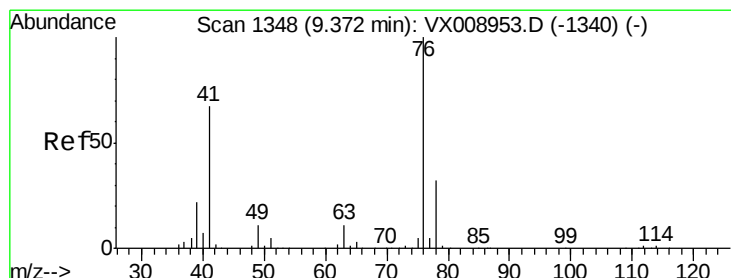
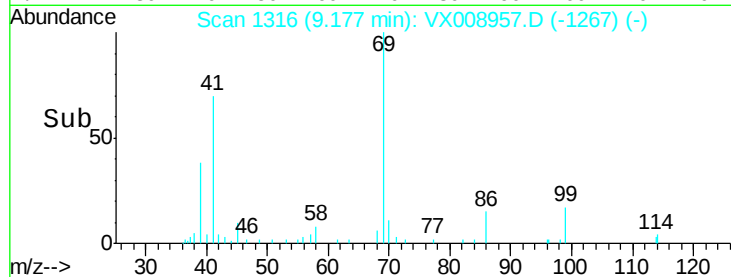
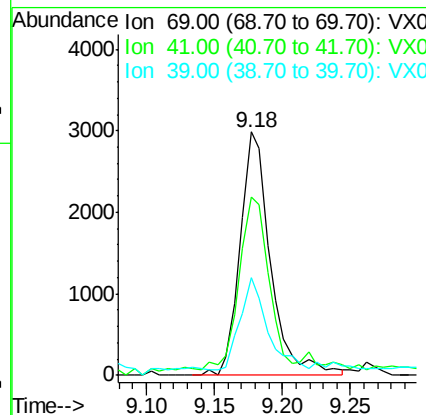
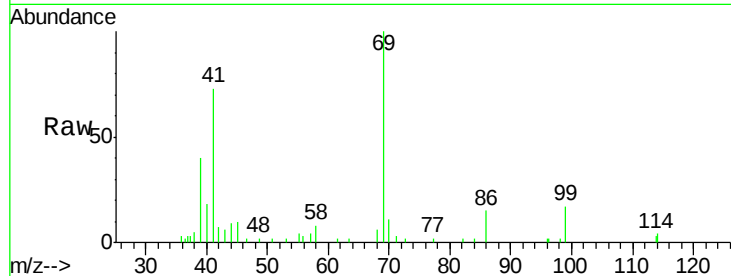
ClientSampleId :

VSTDIC001

Tot Ion:	69.00	Resp:	4670
Ion	Ratio	Lower	Upper
69	100		
41	78.3	60.2	90.2
39	33.8	27.9	41.9

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#57

1,3-Dichloropropane

Concen: 0.995 ug/l

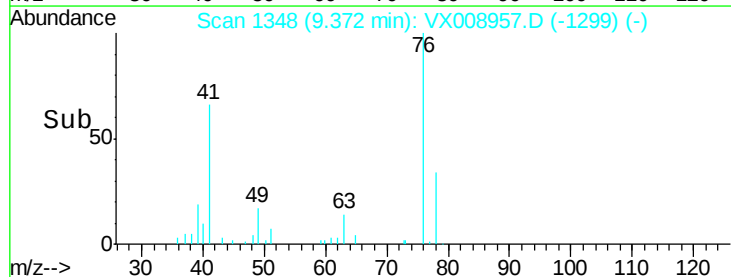
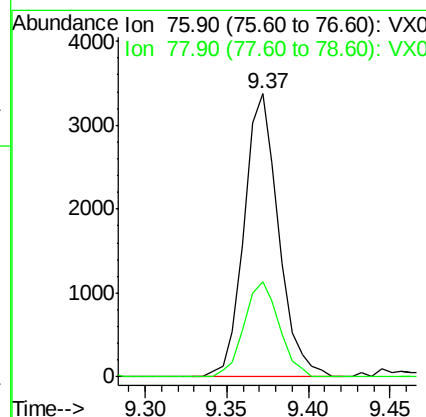
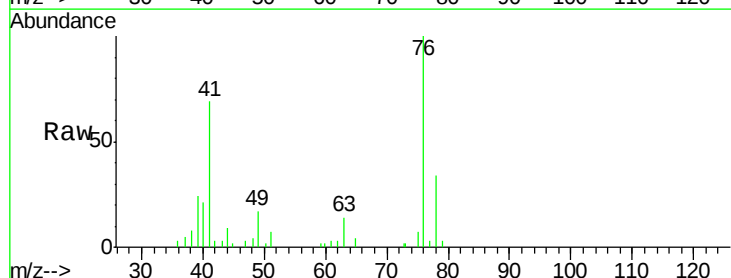
RT: 9.37 min Scan# 1348

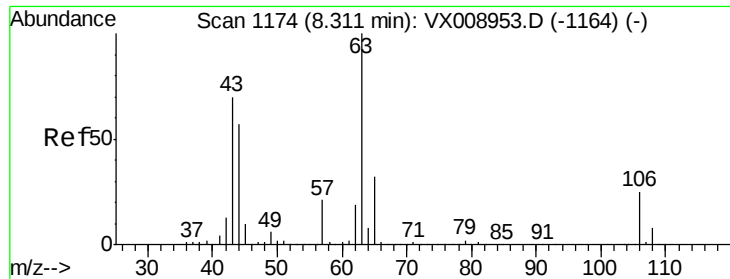
Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Tgt Ion:	76	Resp:	4980
Ion	Ratio	Lower	Upper
76	100		
78	34.3	25.7	38.5





#58

2-Chloroethyl Vinyl ether

Concen: 4.760 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 12360

Ion Ratio Lower Upper

63 100

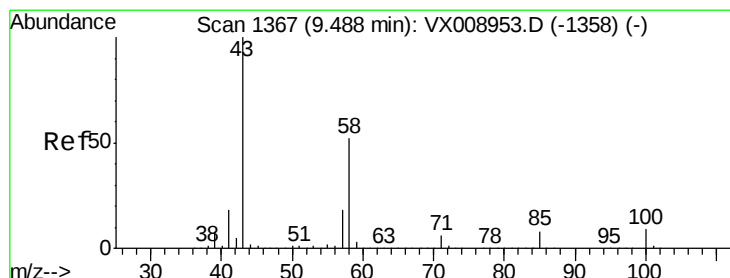
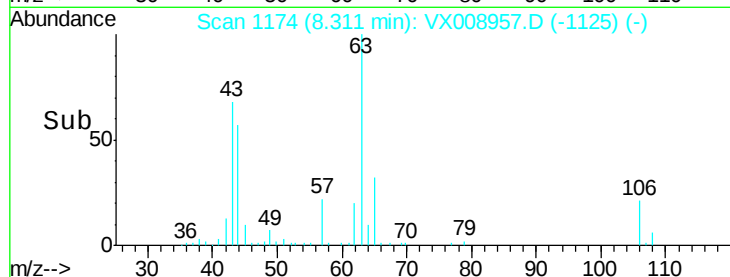
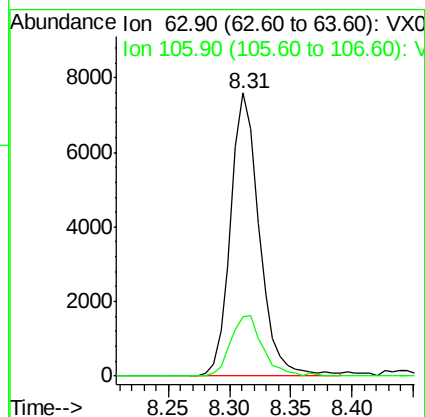
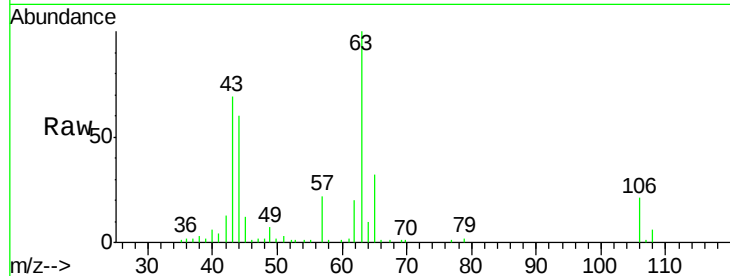
106 23.2 19.8 29.6

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#59

2-Hexanone

Concen: 4.617 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX008957.D

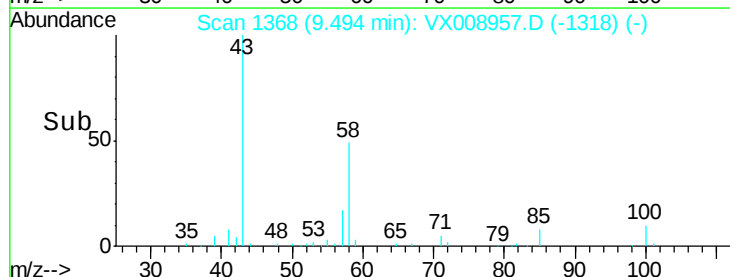
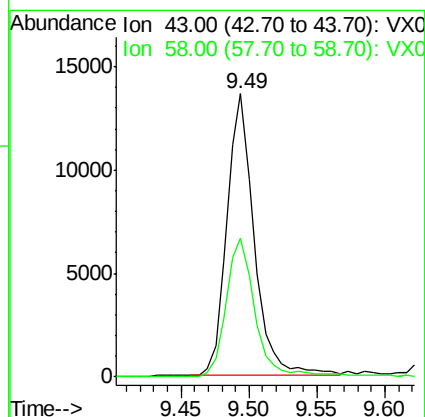
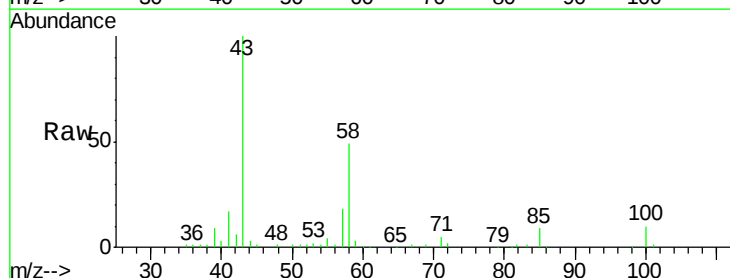
Acq: 15 Apr 2019 12:45

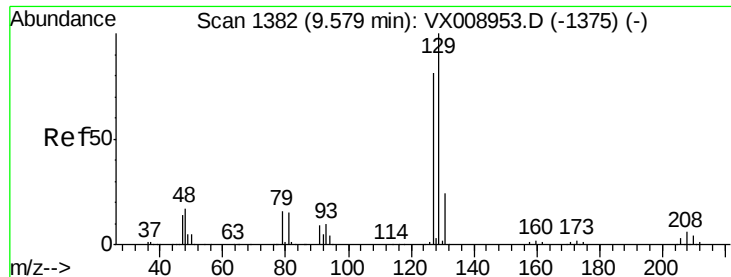
Tgt Ion: 43 Resp: 19066

Ion Ratio Lower Upper

43 100

58 52.2 25.9 77.8





#60

Dibromochloromethane

Concen: 0.854 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2251

Ion Ratio Lower Upper

129 100

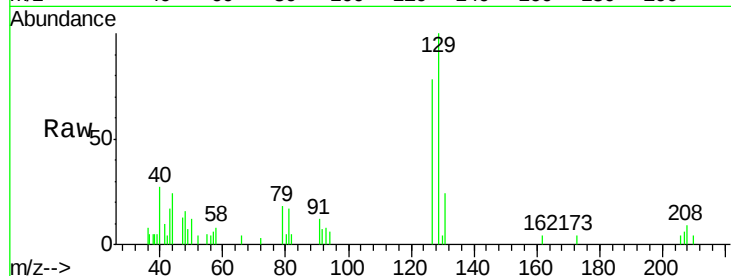
127 80.3 39.1 117.2

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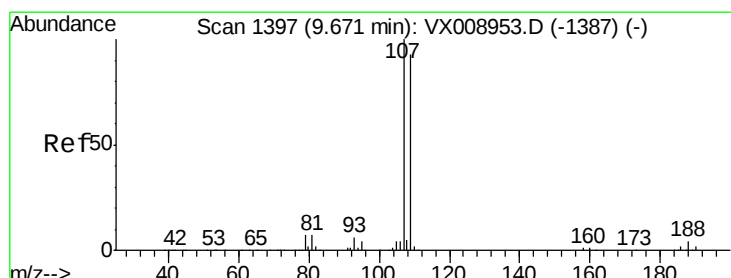
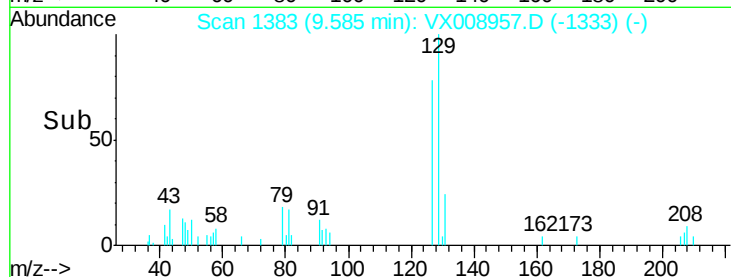
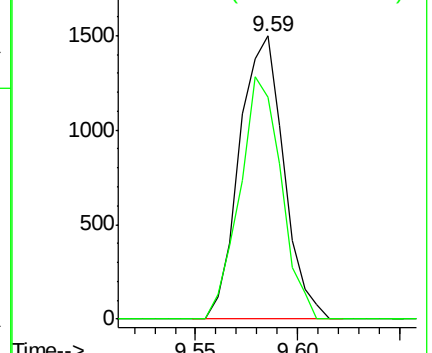
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.990 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008957.D

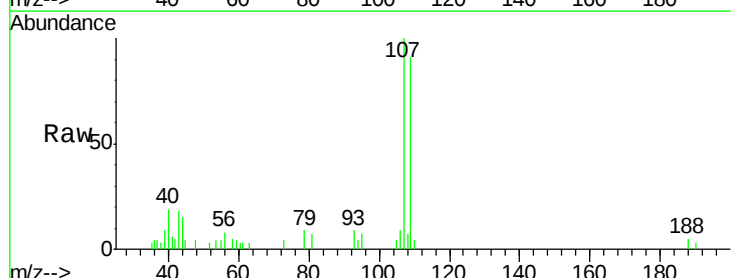
Acq: 15 Apr 2019 12:45

Tgt Ion:107 Resp: 2877

Ion Ratio Lower Upper

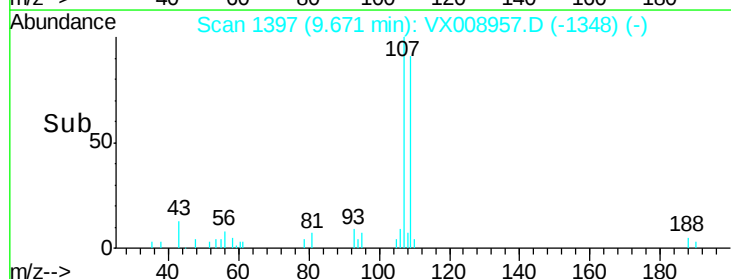
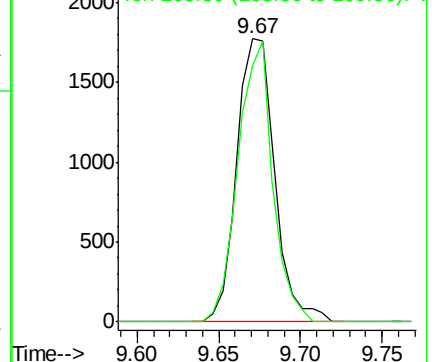
107 100

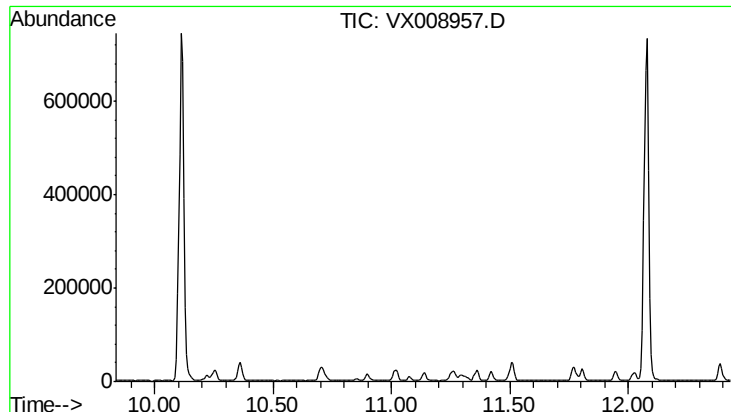
109 90.2 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.13 min

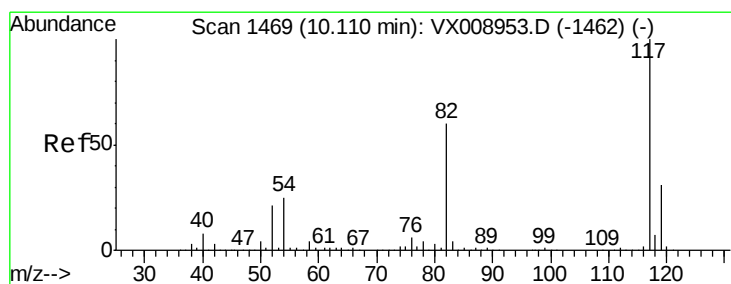
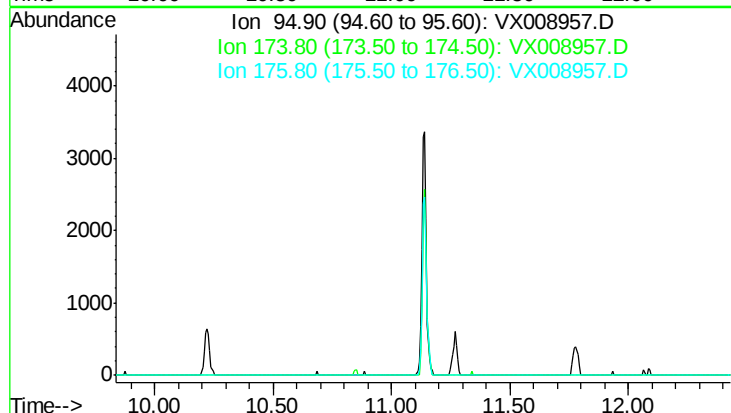
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	79.8
176	77.4

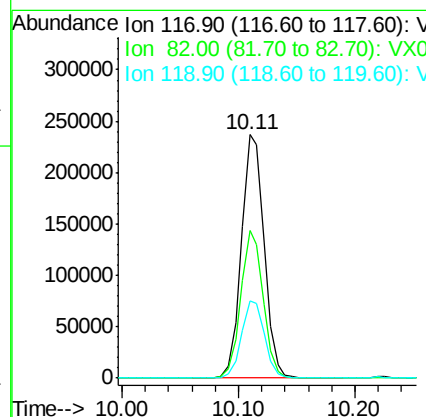
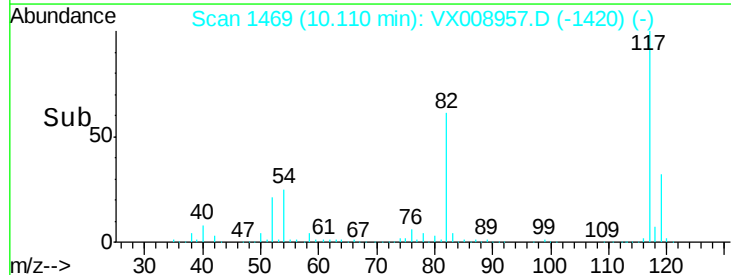
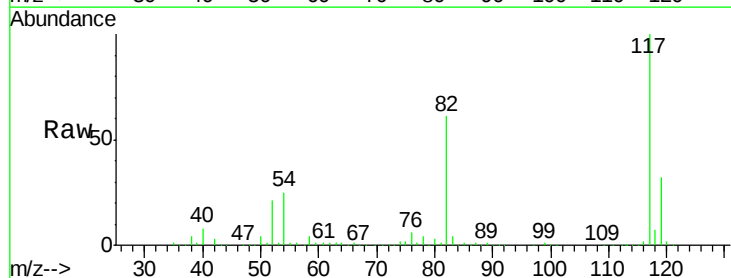
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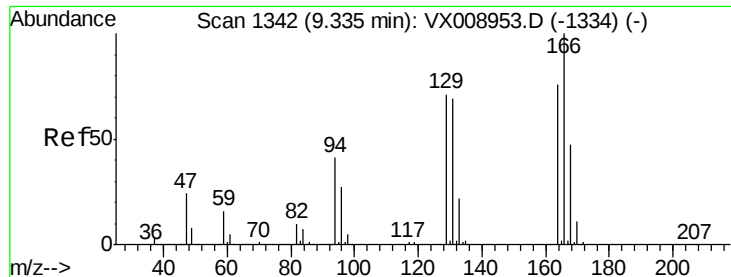
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion	117	Resp	322836
Ion	Ratio	Lower	Upper
117	100		
82	60.8	48.2	72.4
119	31.6	25.0	37.6





#64

Tetrachloroethene

Concen: 1.090 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 2595

Ion Ratio Lower Upper

164 100

166 136.3 105.0 157.4

129 111.2 74.2 111.4

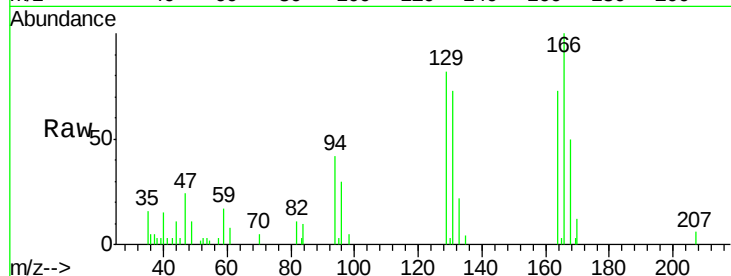
131 99.6 72.2 108.2

Manual Integrations

APPROVED

MMDadoda

4/16/2019 10:53:12 AM

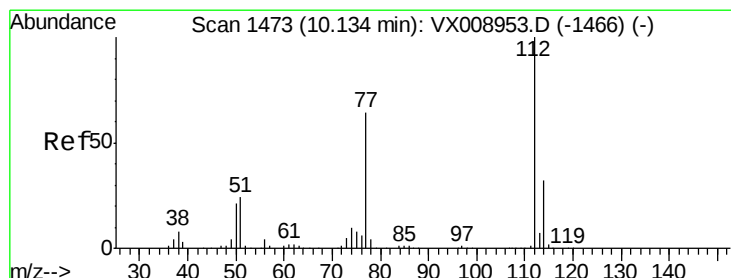
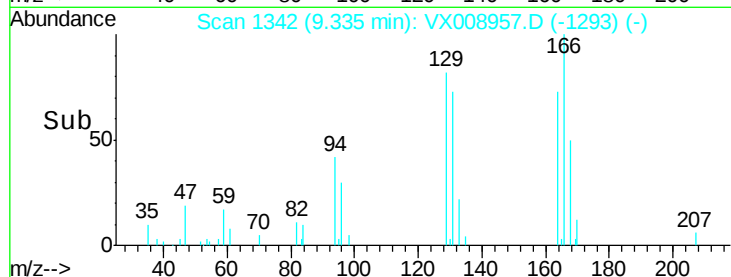
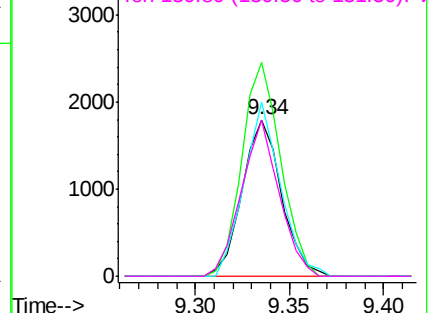


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.047 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008957.D

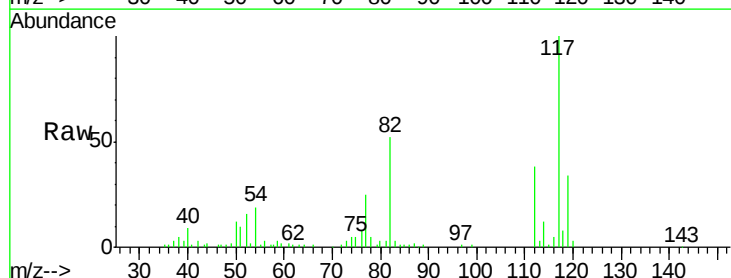
Acq: 15 Apr 2019 12:45

Tgt Ion:112 Resp: 7365

Ion Ratio Lower Upper

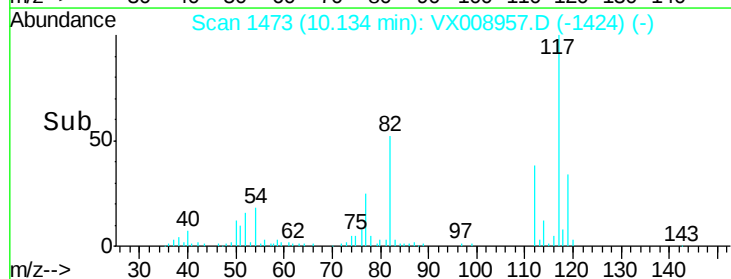
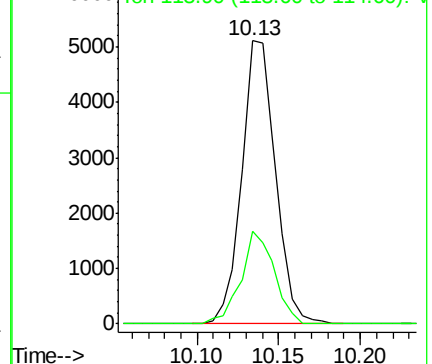
112 100

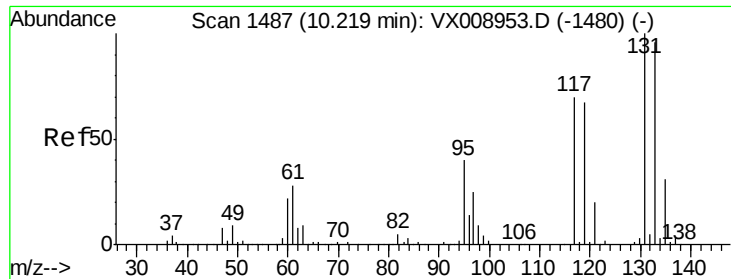
114 32.9 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





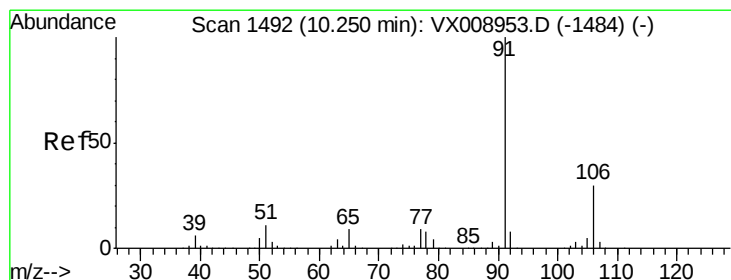
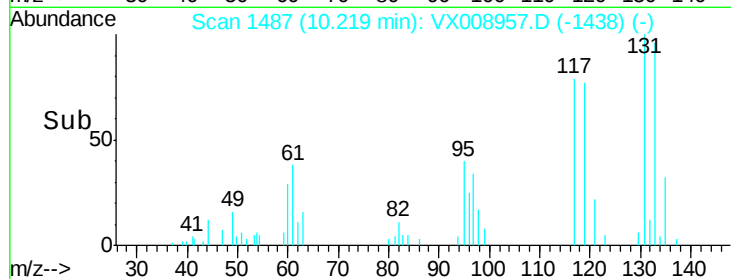
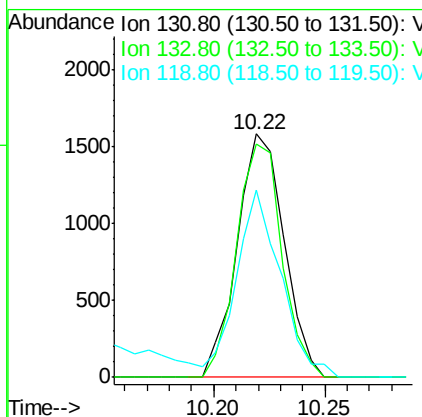
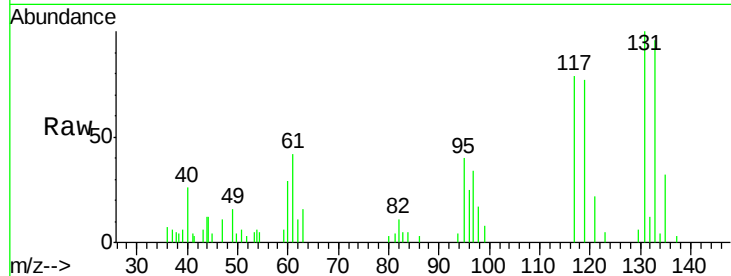
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.947 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:131 Resp: 2335
 Ion Ratio Lower Upper
 131 100
 133 92.5 48.0 144.2
 119 0.0 33.7 101.1#

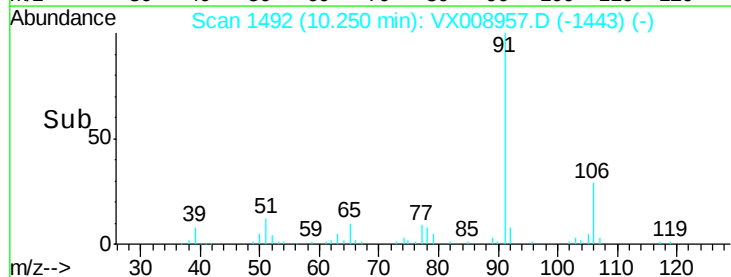
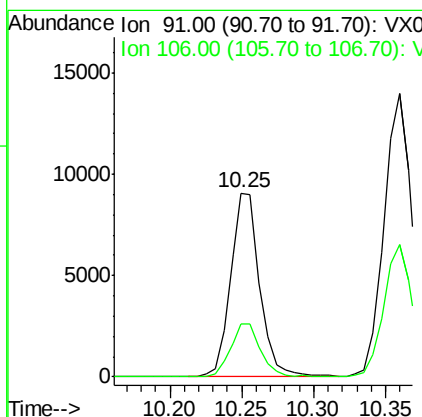
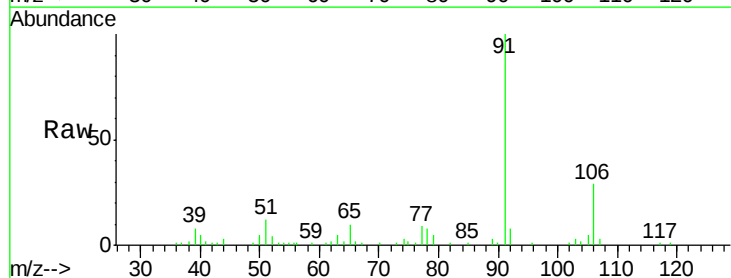
Manual Integrations
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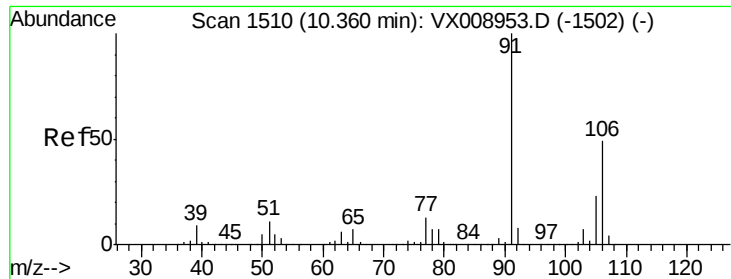
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#67
 Ethyl Benzene
 Concen: 0.979 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion: 91 Resp: 12809
 Ion Ratio Lower Upper
 91 100
 106 29.0 24.3 36.5





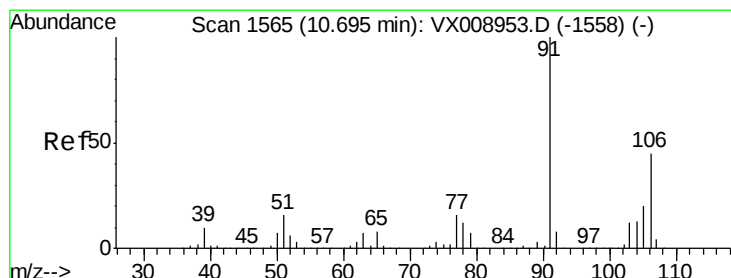
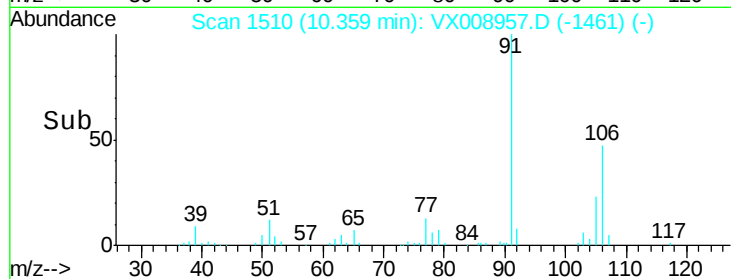
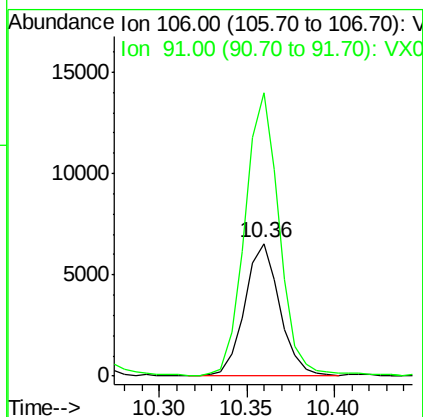
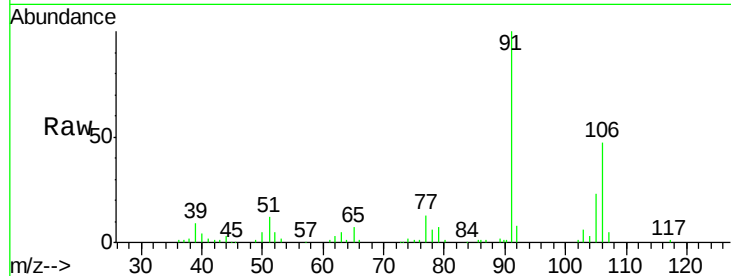
#68
m/p-Xylenes
Concen: 1.946 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 9163
Ion Ratio Lower Upper
106 100
91 210.3 165.4 248.2

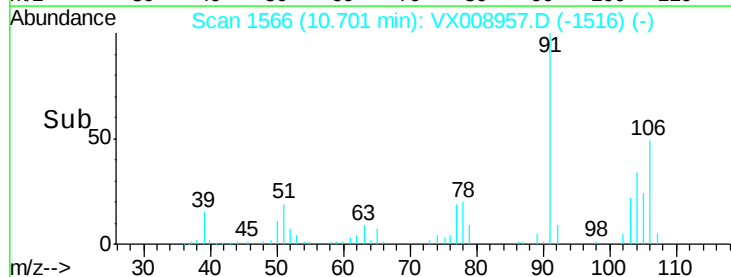
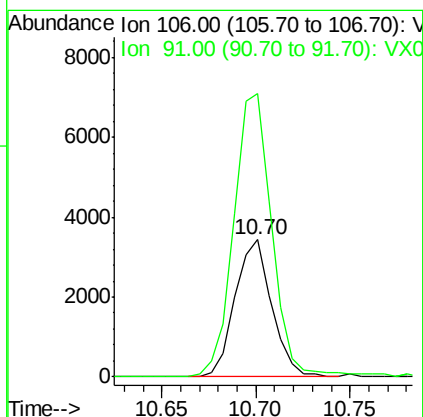
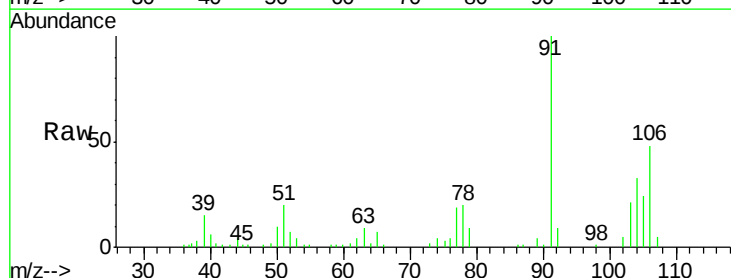
Manual Integrations
APPROVED

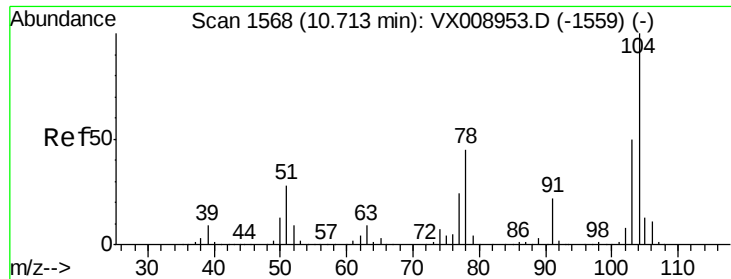
MMDadoda
4/16/2019 10:53:12 AM



#69
o-Xylene
Concen: 1.017 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion:106 Resp: 4643
Ion Ratio Lower Upper
106 100
91 215.3 108.9 326.7





#70

Stvrene

Concen: 0.970 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

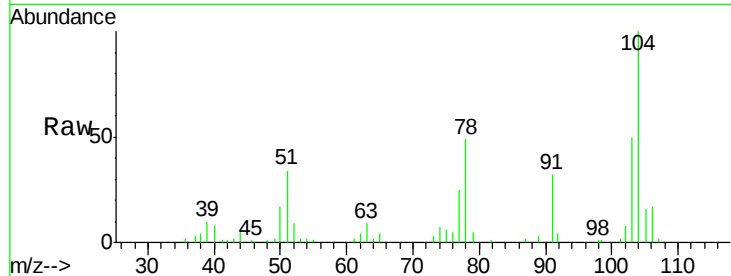
ClientSampleId :

VSTDIC001

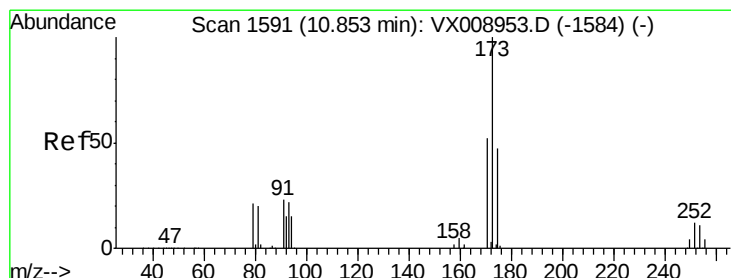
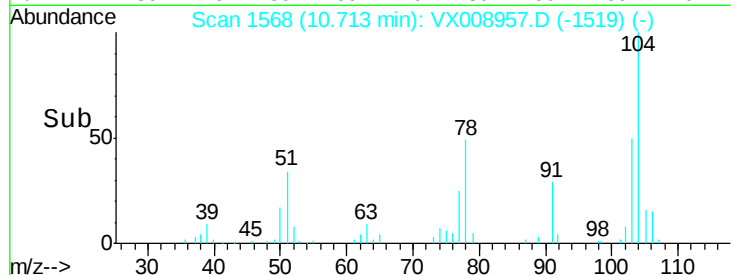
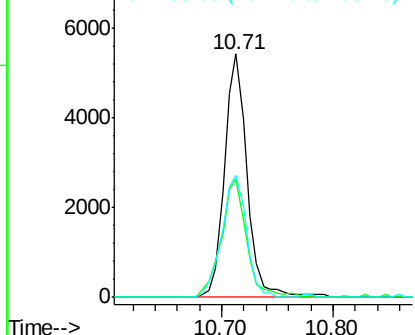
Tot Ion:	104	Resp:	7636
Ion	Ratio	Lower	Upper
104	100		
78	54.5	41.2	61.8
103	54.5	43.9	65.9

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Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.929 ug/l

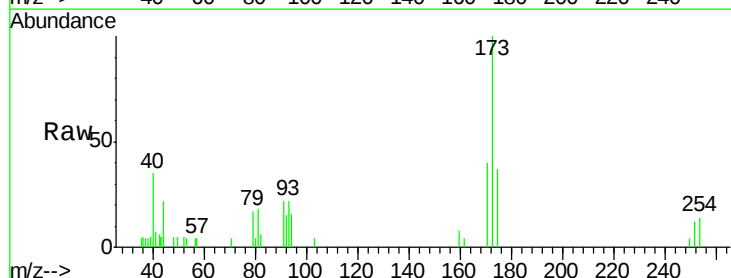
RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

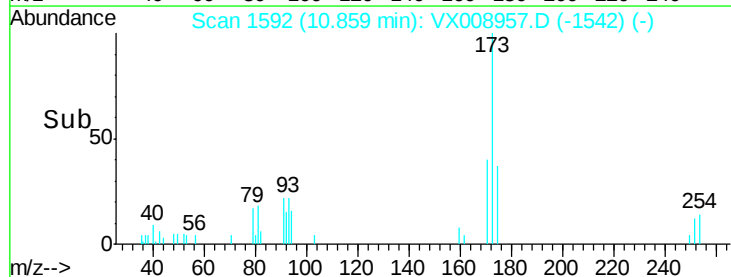
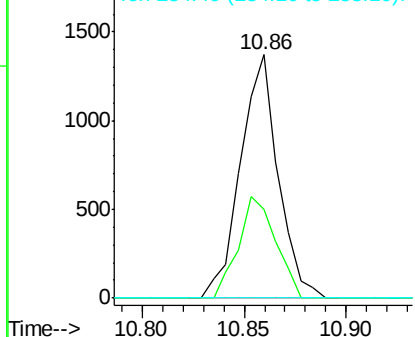
Lab File: VX008957.D

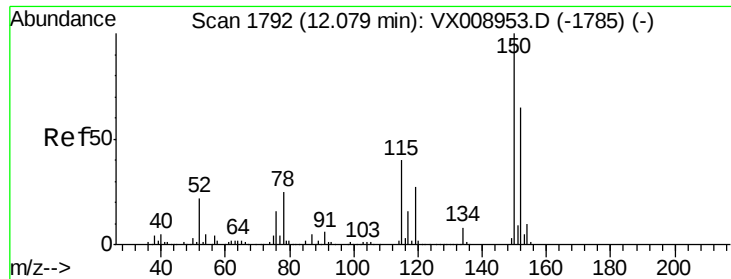
Acq: 15 Apr 2019 12:45

Tgt Ion:	173	Resp:	1758
Ion	Ratio	Lower	Upper
173	100		
175	41.0	23.9	71.8
254	0.0	0.2	0.4#



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

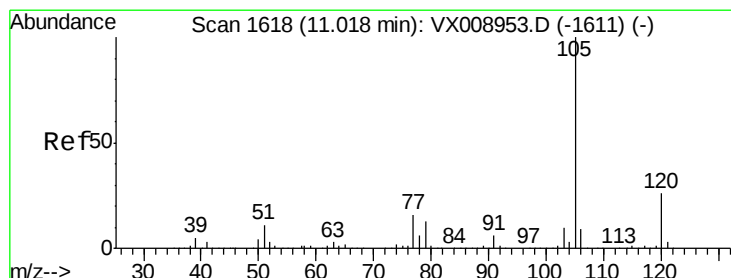
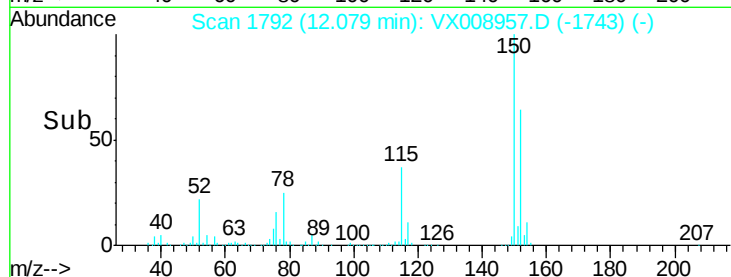
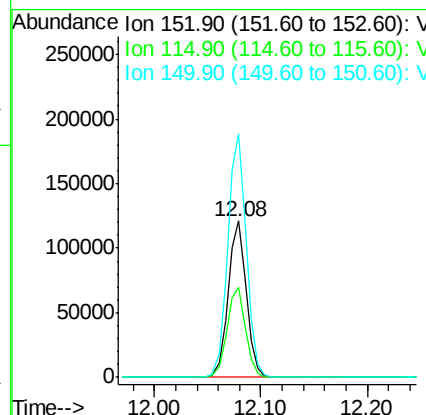
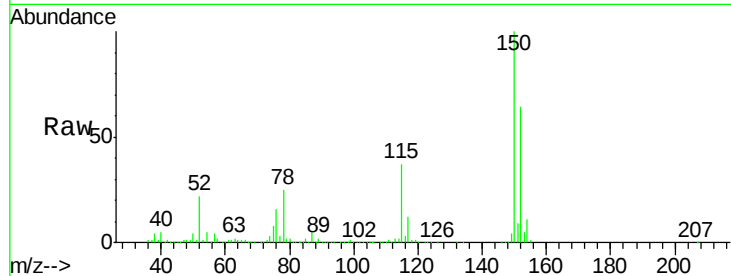
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	143721		
115	59.1	41.4	124.2	
150	158.7	0.0	349.8	

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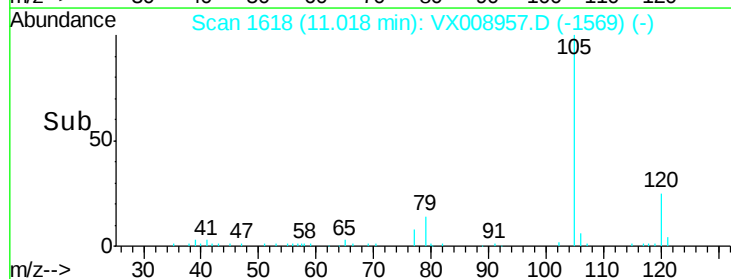
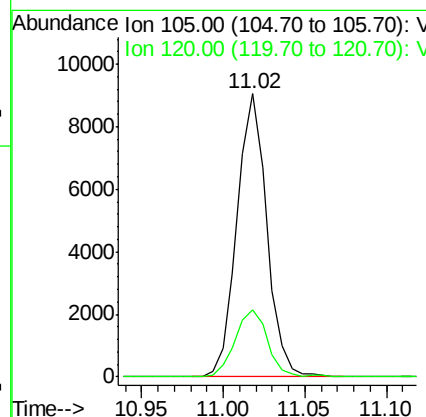
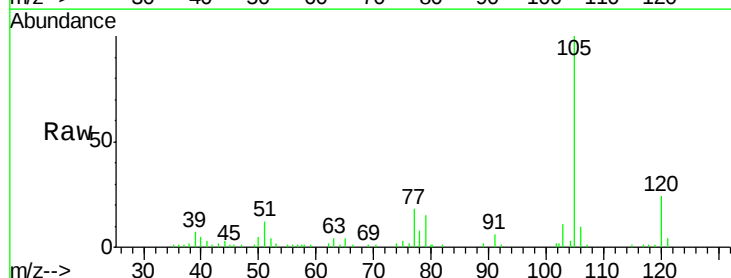
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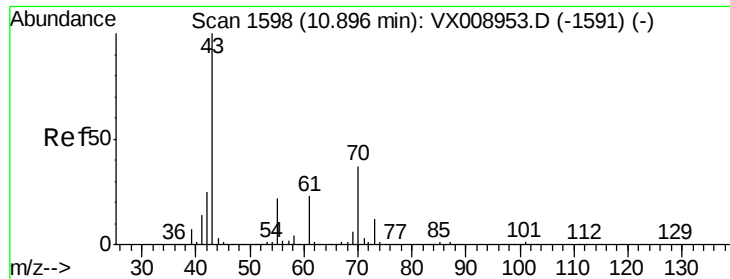


#73

Isopropylbenzene
Concen: 0.990 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	11521		
120	25.6	12.9	38.7	





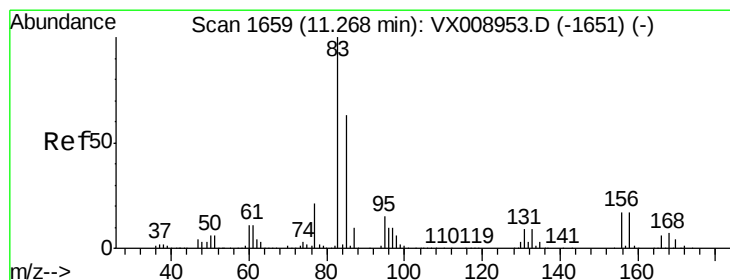
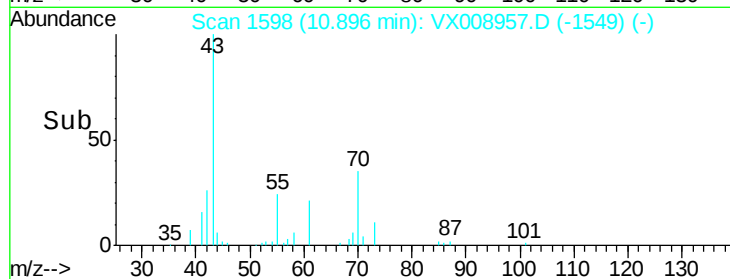
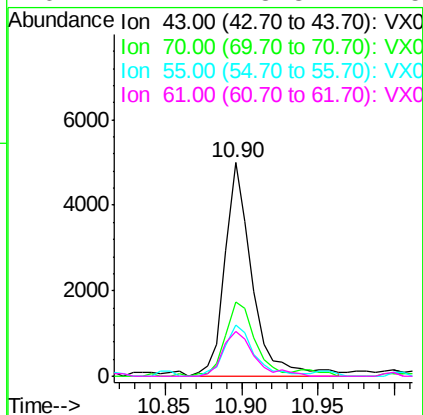
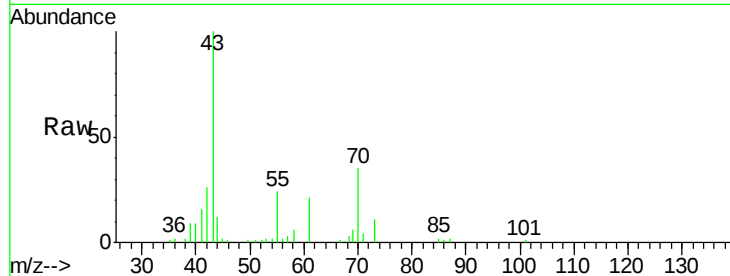
#74
N-amvl acetate
Concen: 0.904 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	43	Resp:	6182
Ion	Ratio	Lower	Upper
43	100		
70	37.9	29.9	44.9
55	26.3	17.8	26.8
61	24.2	18.3	27.5

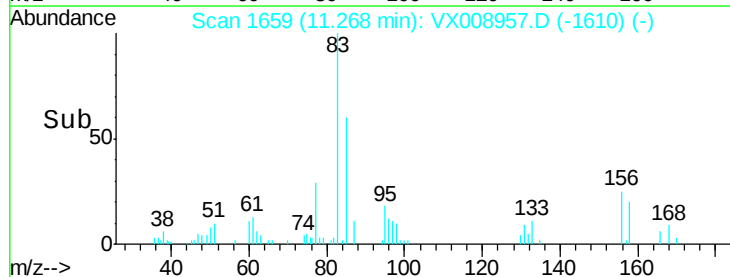
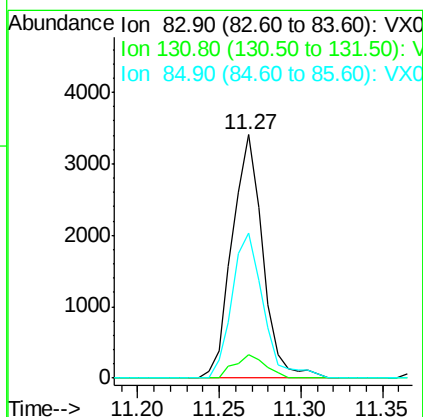
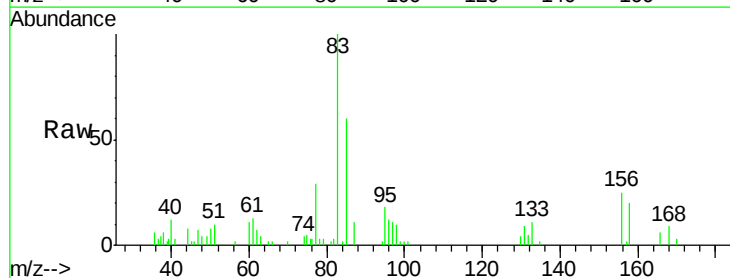
Manual Integrations
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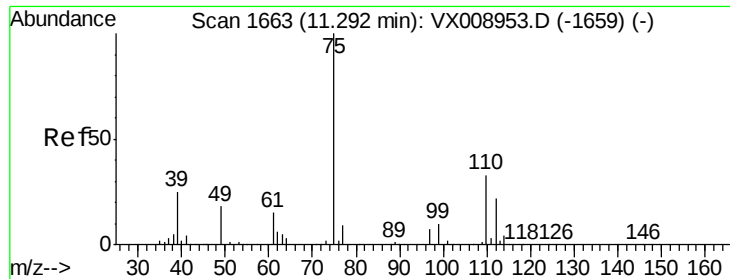
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#75
1,1,2,2-Tetrachloroethane
Concen: 1.008 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion:	83	Resp:	4449
Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.7	14.0
85	61.4	31.9	95.9





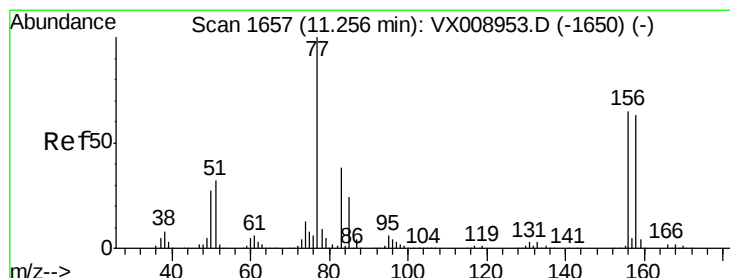
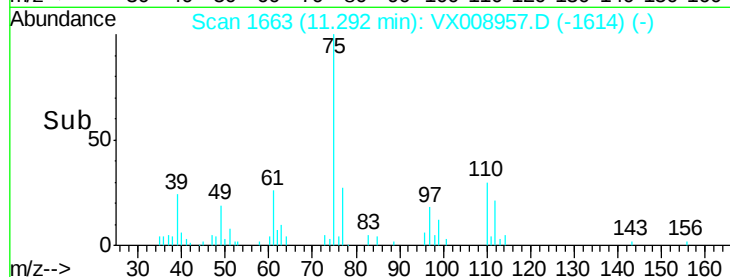
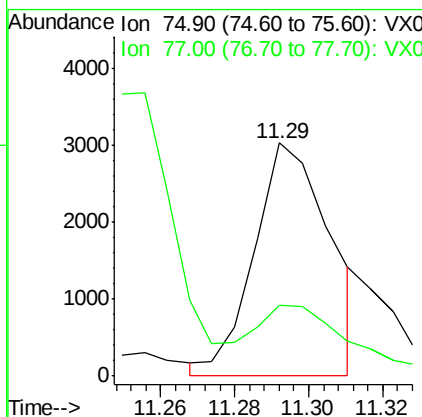
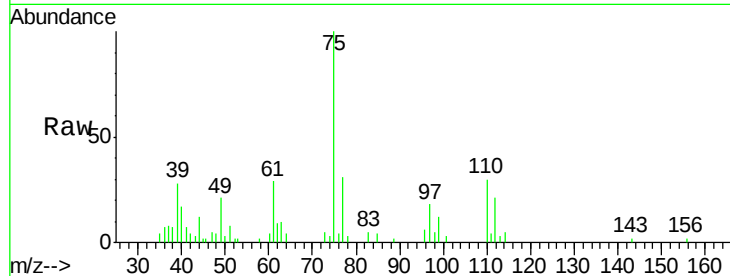
#76
1,2,3-Trichloropropane
Concen: 1.121 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 4322
Ion Ratio Lower Upper
75 100
77 37.9 22.7 68.0

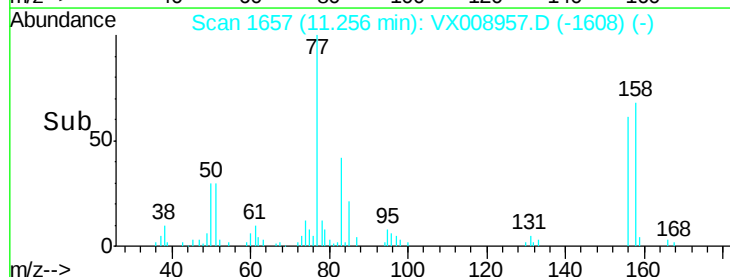
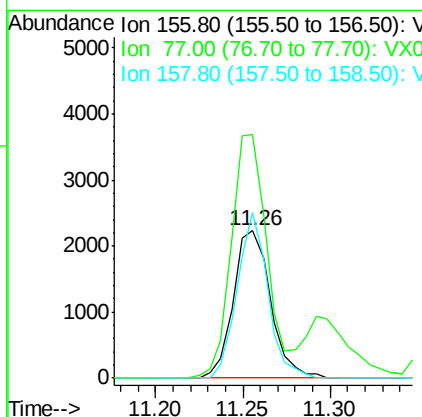
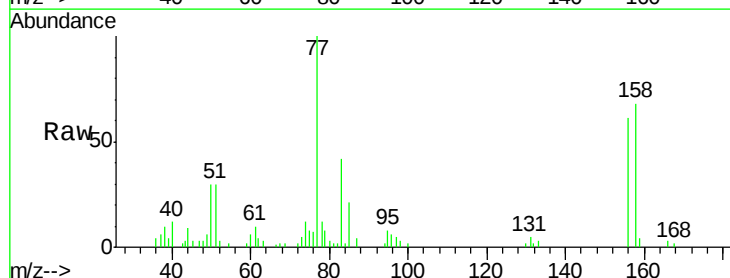
Manual Integrations
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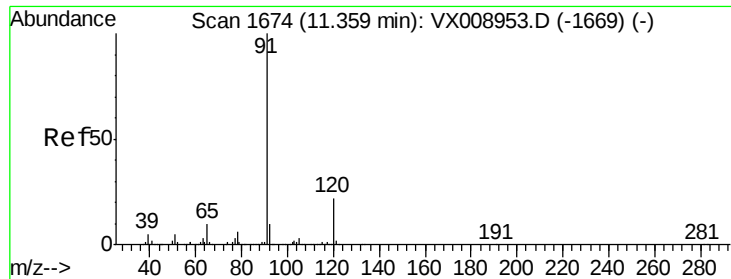
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#77
Bromobenzene
Concen: 1.171 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 156 Resp: 3295
Ion Ratio Lower Upper
156 100
77 161.4 85.4 256.1
158 92.7 48.8 146.4





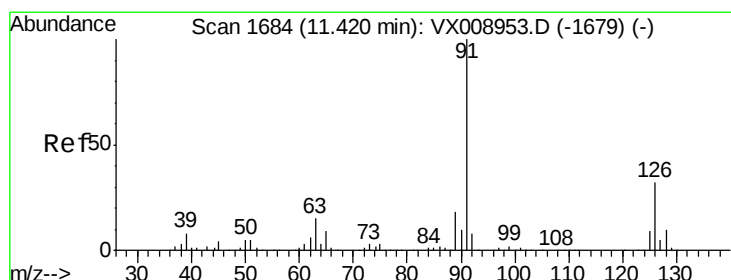
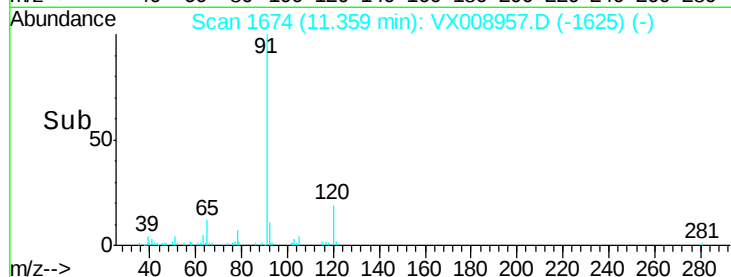
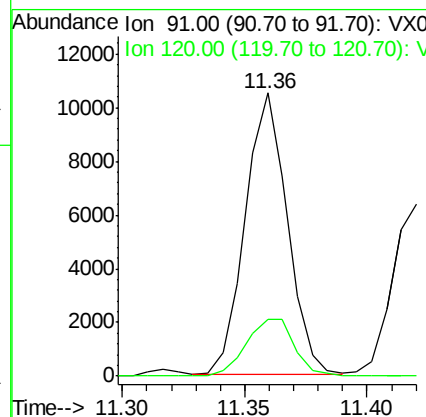
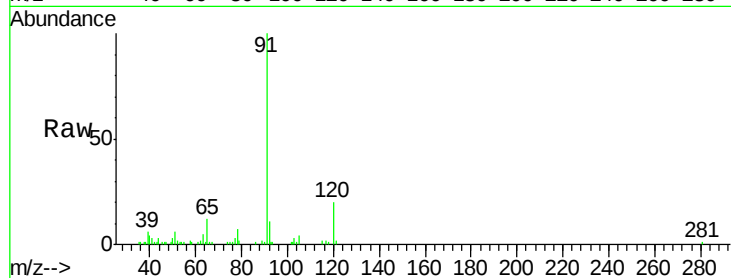
#78
n-propylbenzene
Concen: 0.923 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 12500
Ion Ratio Lower Upper
91 100
120 23.2 10.9 32.9

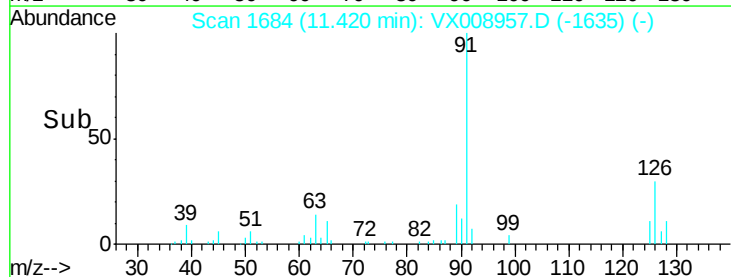
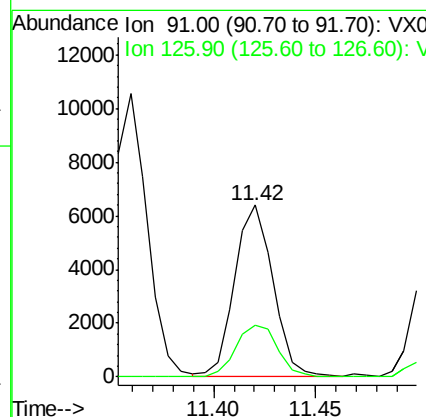
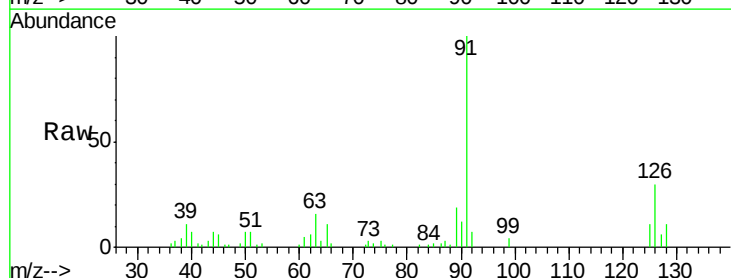
Manual Integrations
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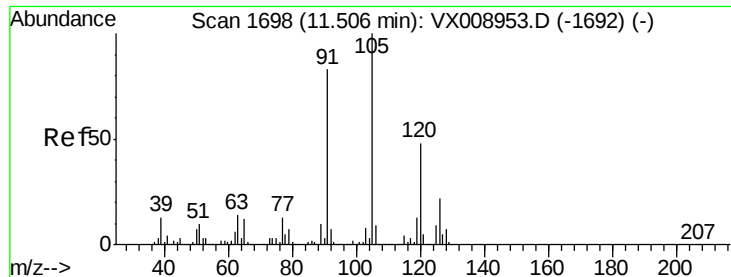
MMDadoda
4/16/2019 10:53:12 AM



#79
2-Chlorotoluene
Concen: 1.021 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 91 Resp: 8363
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.9





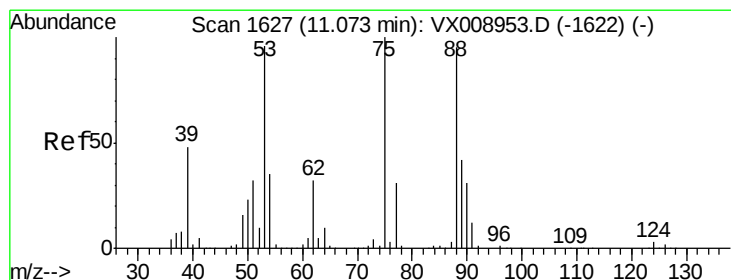
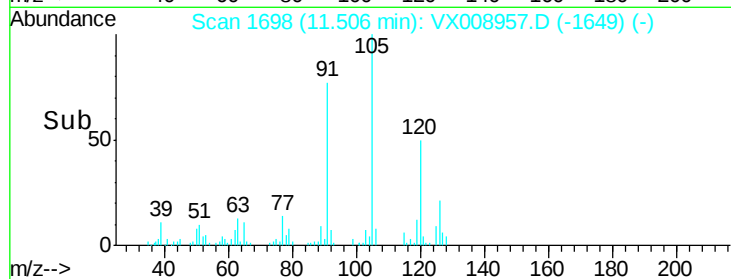
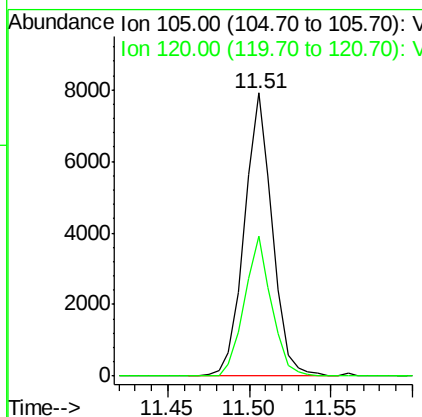
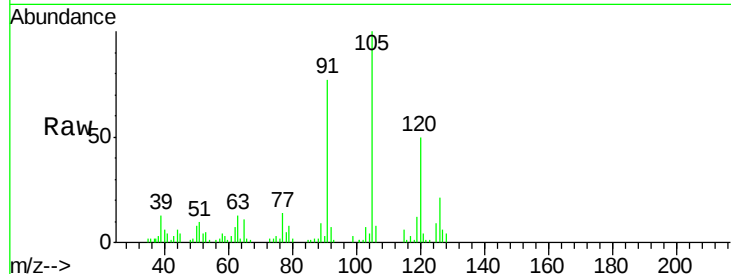
#80
 1,3,5-Trimethylbenzene
 Concen: 0.967 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 9429
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.3

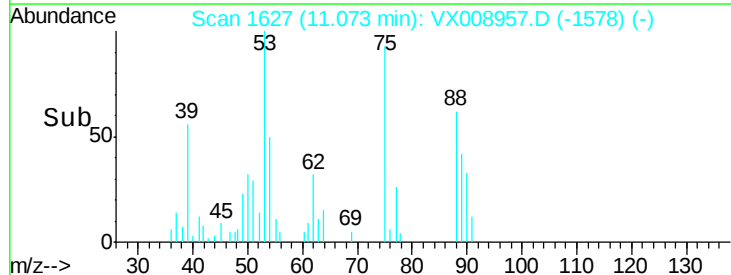
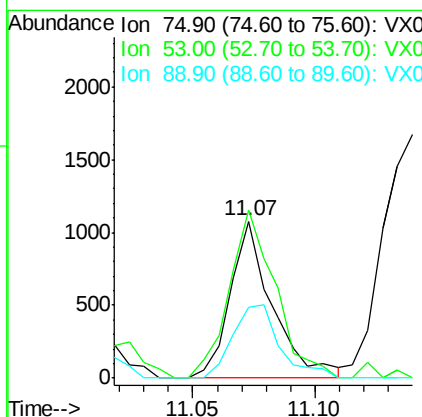
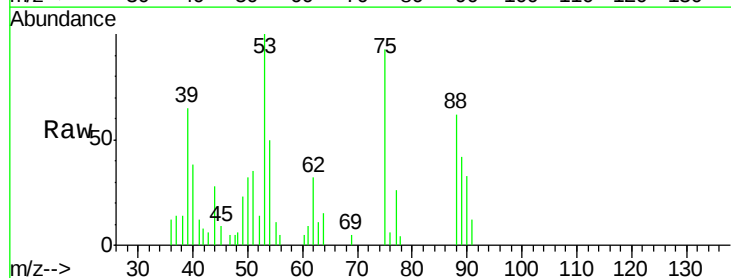
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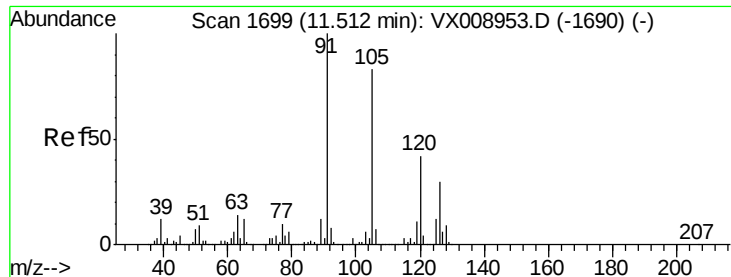
MMDadoda
 4/16/2019 10:53:12 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.915 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion: 75 Resp: 1290
 Ion Ratio Lower Upper
 75 100
 53 117.1 78.2 117.4
 89 52.3 36.0 54.0





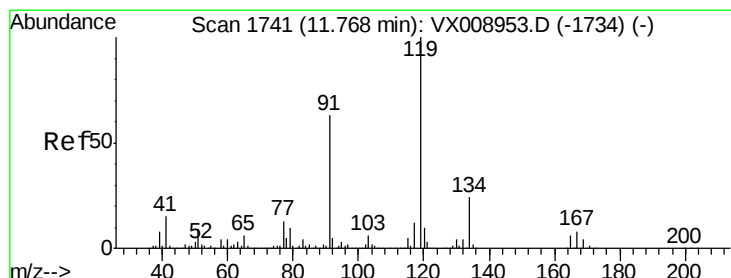
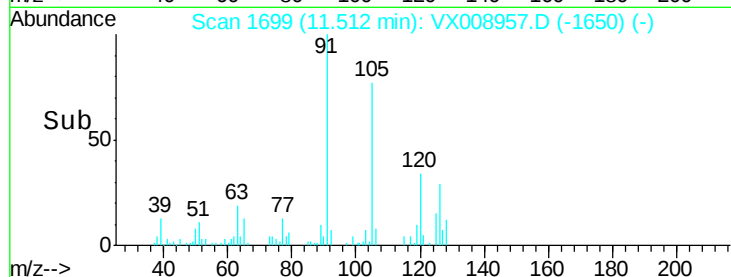
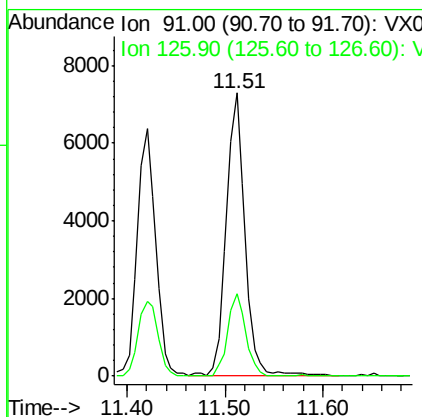
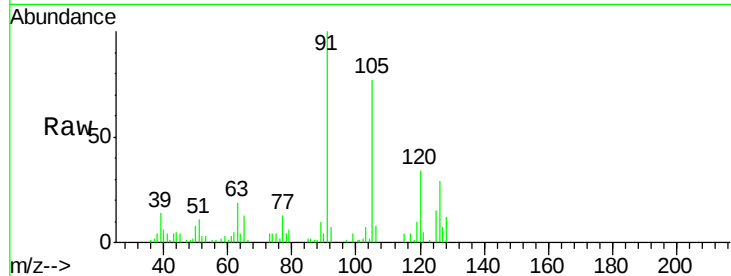
#82
4-Chlorotoluene
Concen: 1.030 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 9768
Ion Ratio Lower Upper
91 100
126 27.9 14.3 42.9

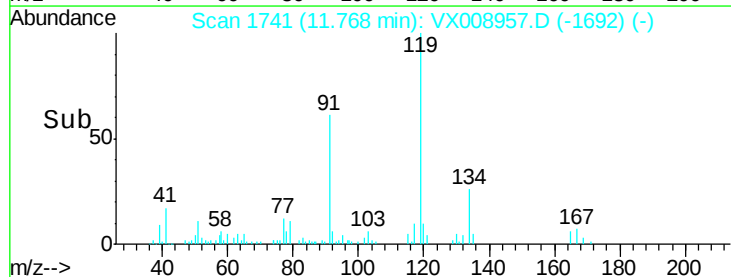
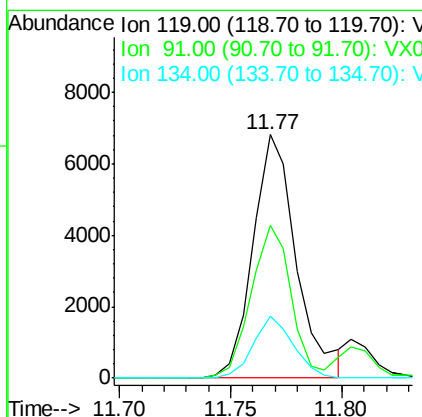
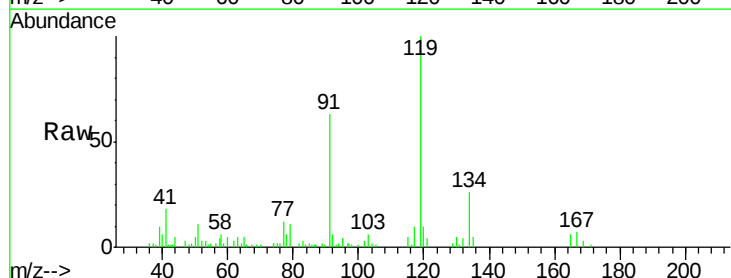
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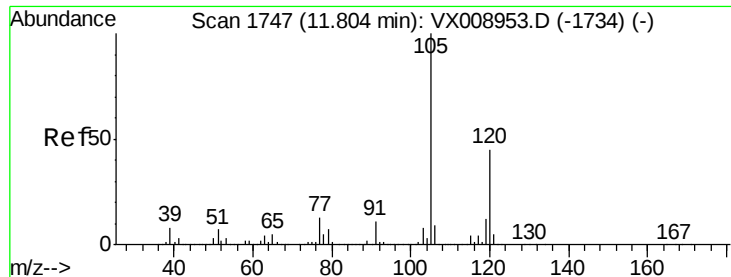
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#83
tert-Butylbenzene
Concen: 0.986 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 119 Resp: 9260
Ion Ratio Lower Upper
119 100
91 58.1 29.7 89.1
134 23.5 11.2 33.5





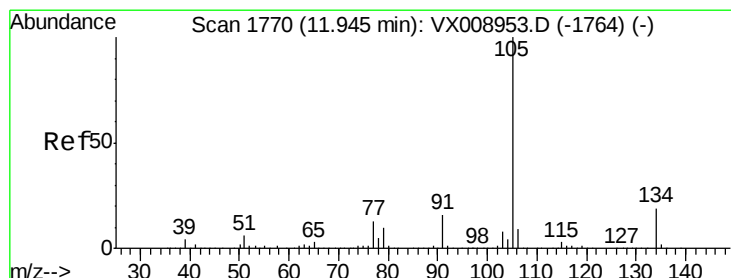
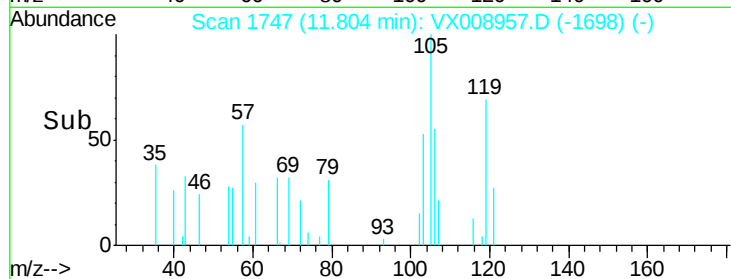
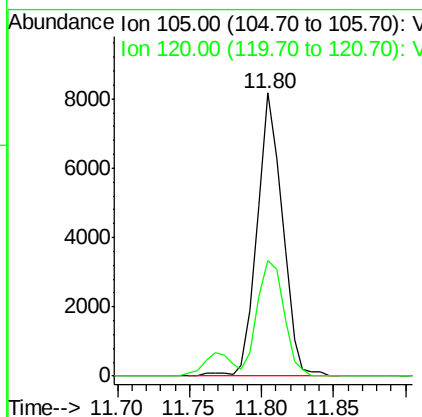
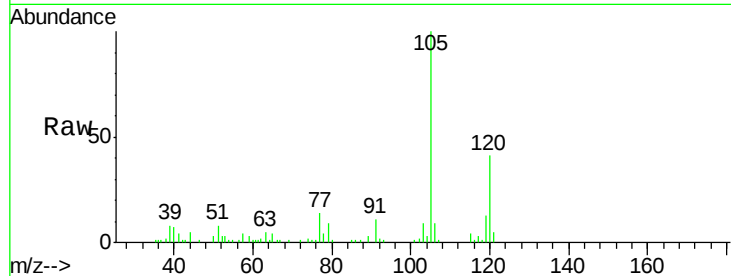
#84
 1,2,4-Trimethylbenzene
 Concen: 0.999 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.0	21.9	65.8

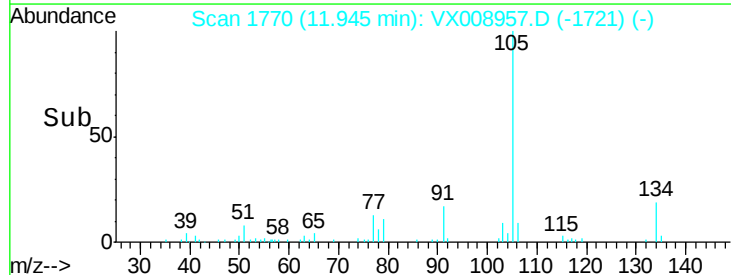
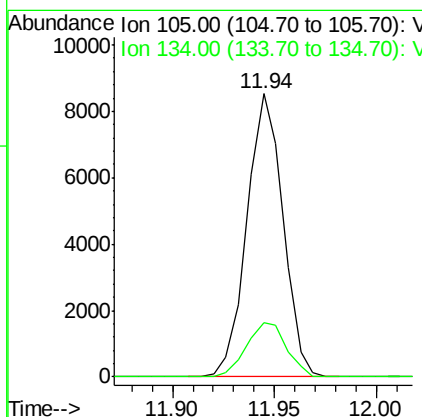
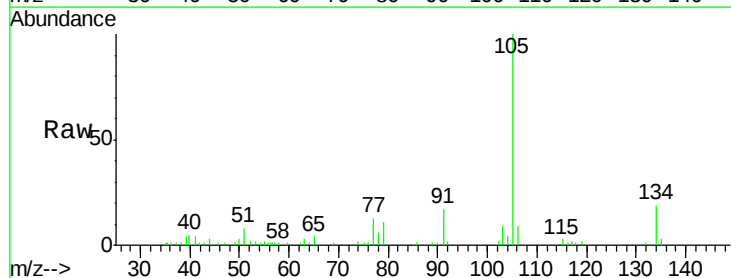
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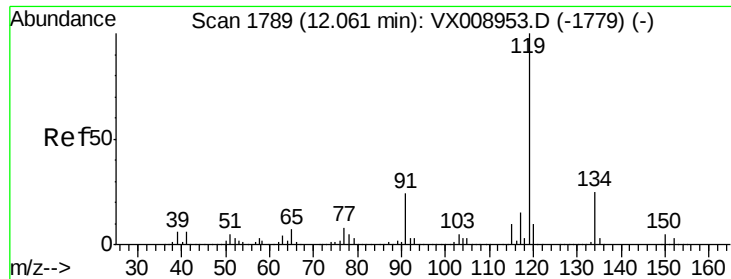
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 0.940 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.0	9.6	28.6





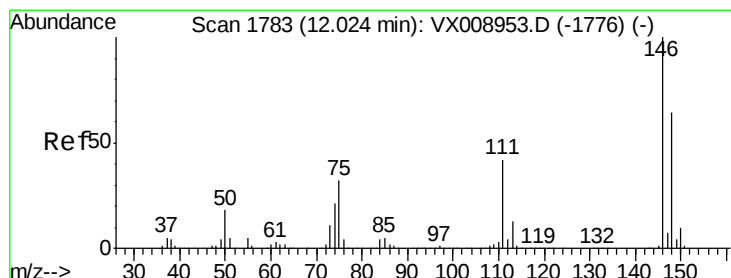
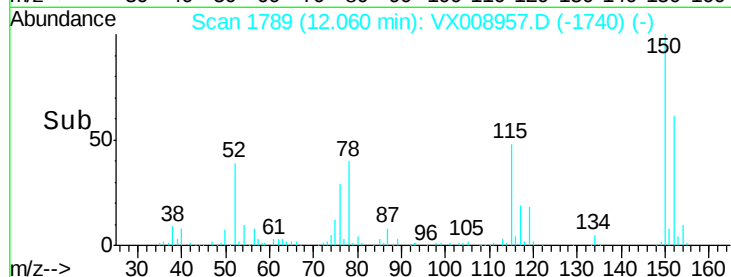
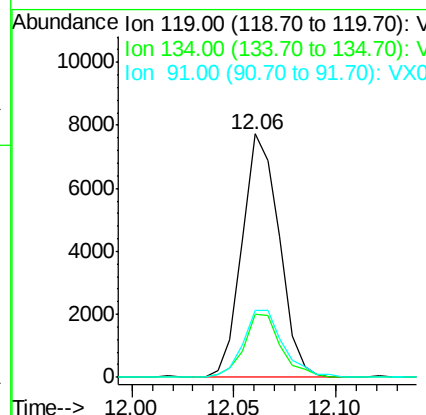
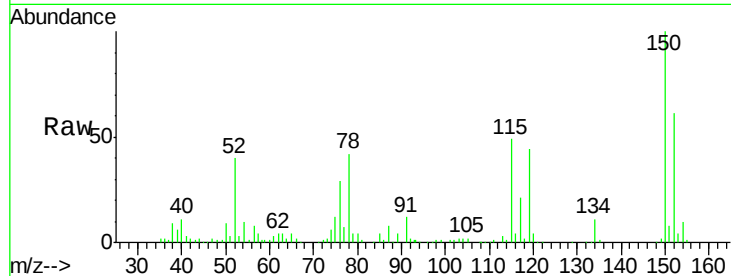
#86
p-Isopropyltoluene
Concen: 0.967 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.6
91	29.9	11.9	35.5

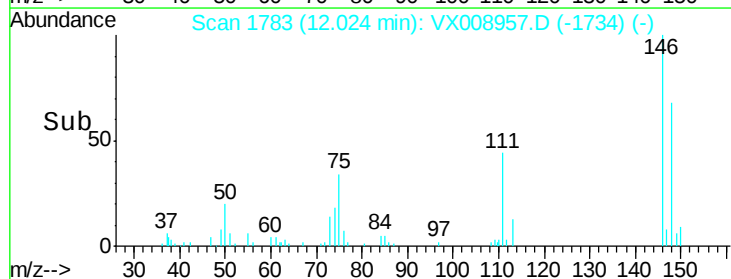
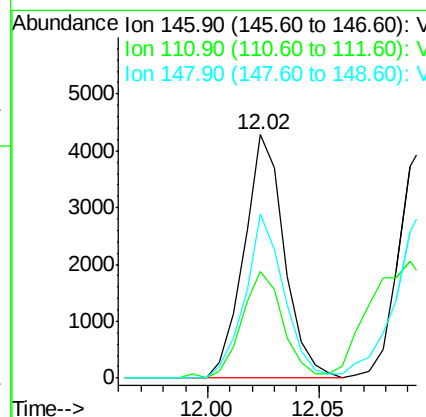
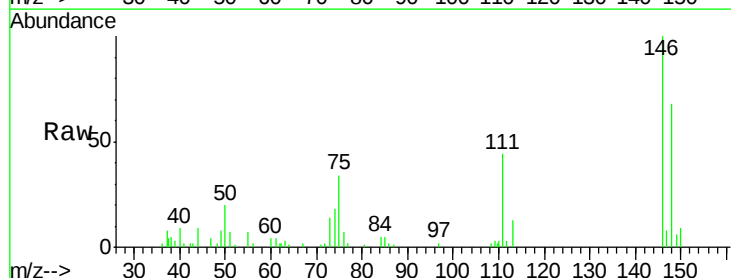
Manual Integrations
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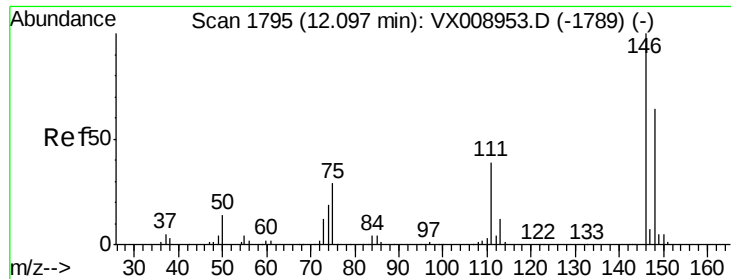
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#87
1,3-Dichlorobenzene
Concen: 1.075 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	20.5	61.6
148	65.0	32.2	96.6





#88

1,4-Dichlorobenzene

Concen: 1.120 ug/l m

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

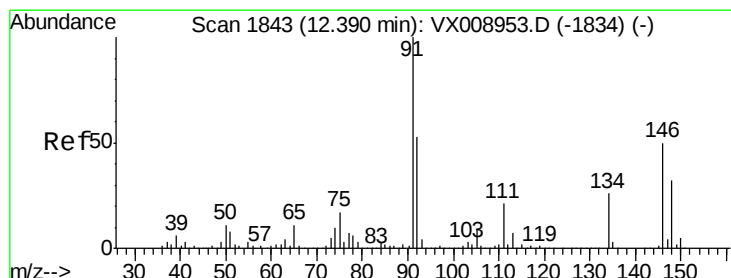
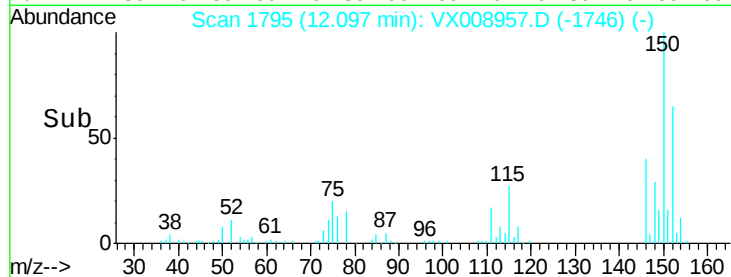
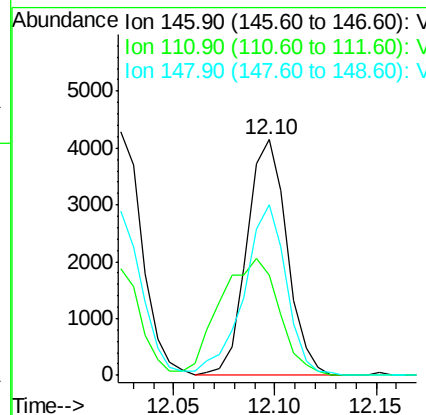
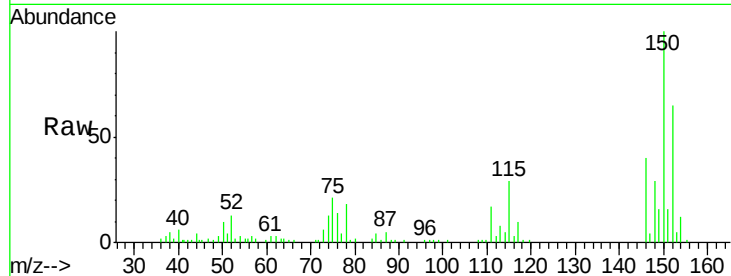
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	5717
Ion Ratio	Lower	Upper	
146	100		
111	42.2	20.0	59.9
148	61.5	32.2	96.6

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#89

n-Butylbenzene

Concen: 0.913 ug/l

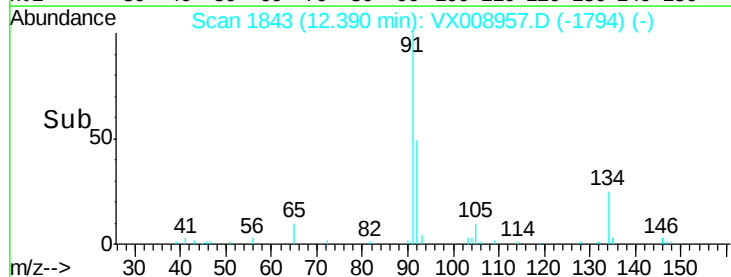
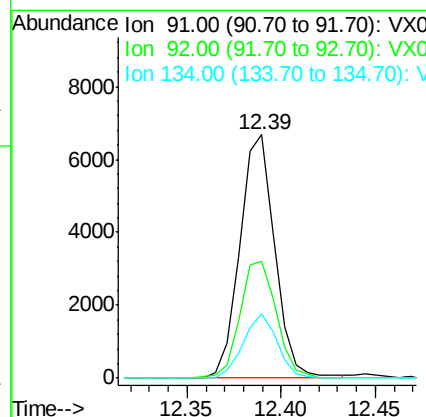
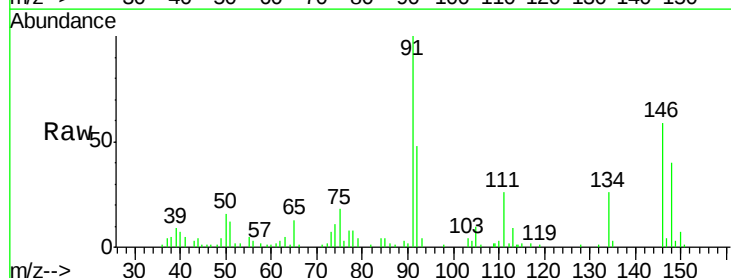
RT: 12.39 min Scan# 1843

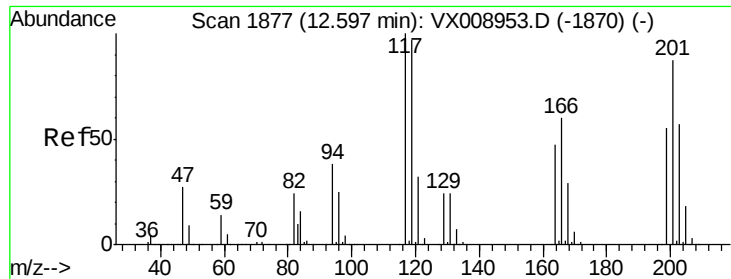
Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Tgt Ion:	91	Resp:	8593
Ion Ratio	Lower	Upper	
91	100		
92	50.2	26.6	79.8
134	25.6	12.4	37.2





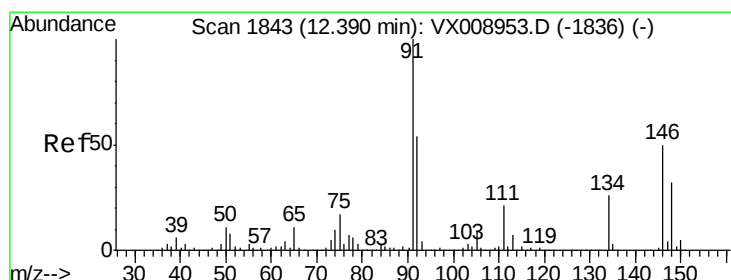
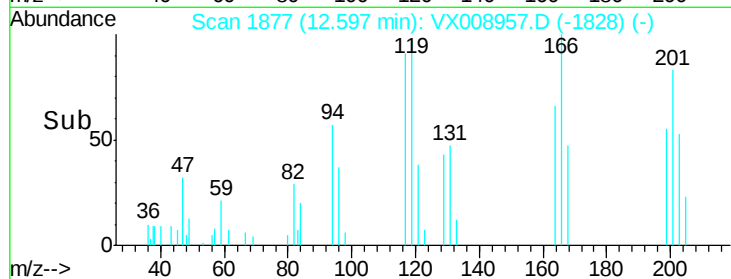
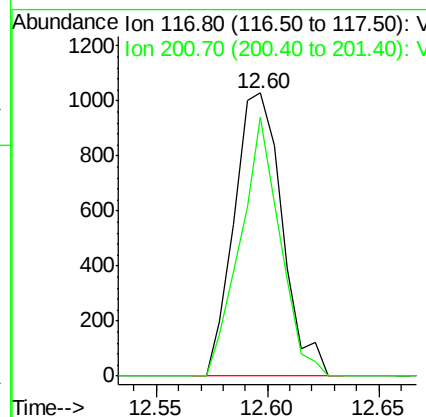
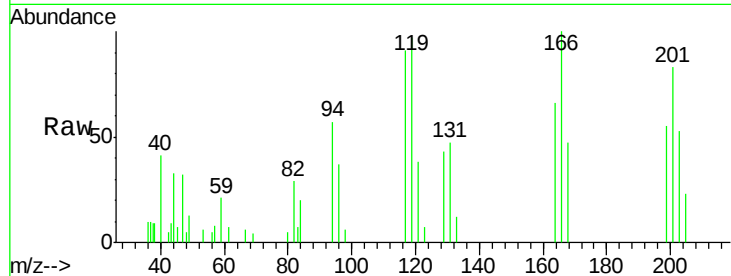
#90
Hexachloroethane
Concen: 0.928 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 1548
Ion Ratio Lower Upper
117 100
201 75.8 43.0 129.0

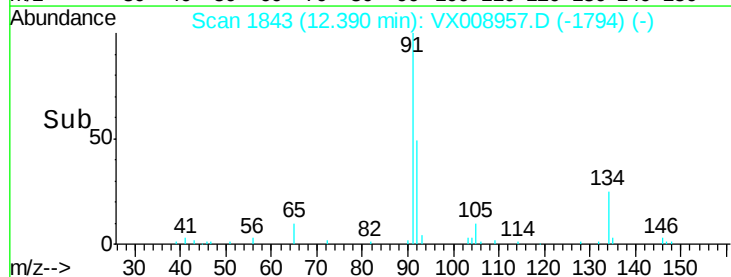
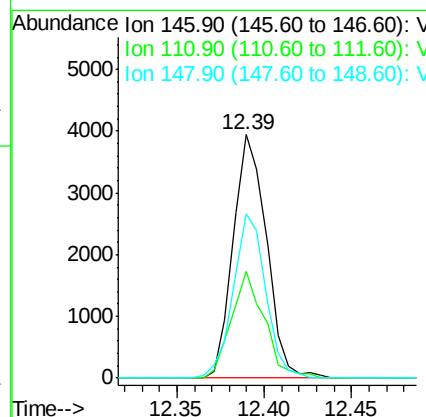
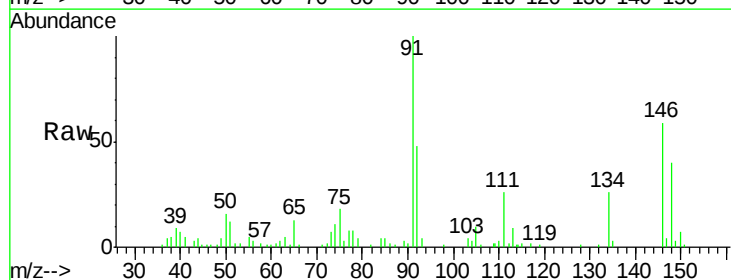
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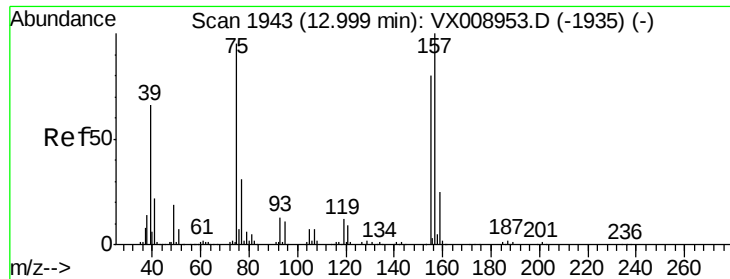
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#91
1,2-Dichlorobenzene
Concen: 1.048 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion:146 Resp: 5237
Ion Ratio Lower Upper
146 100
111 43.7 20.6 61.9
148 65.6 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.012 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

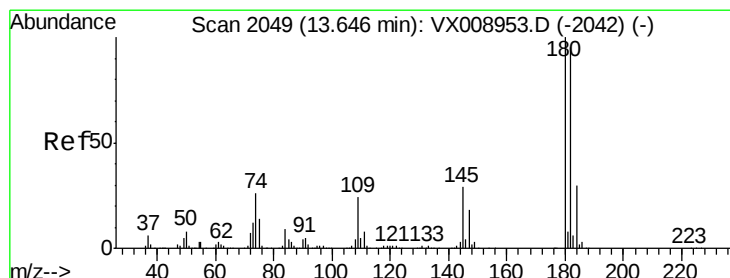
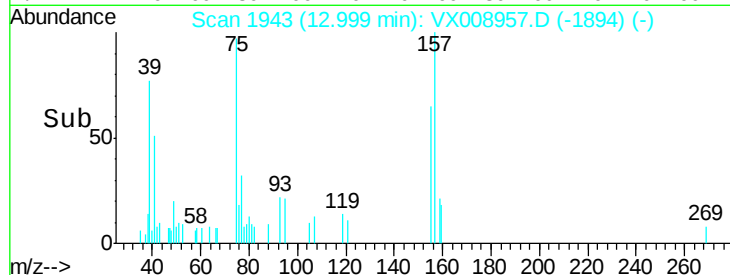
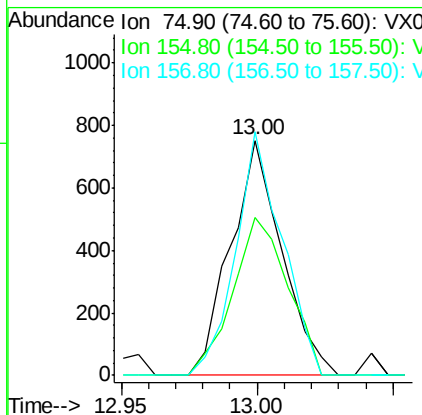
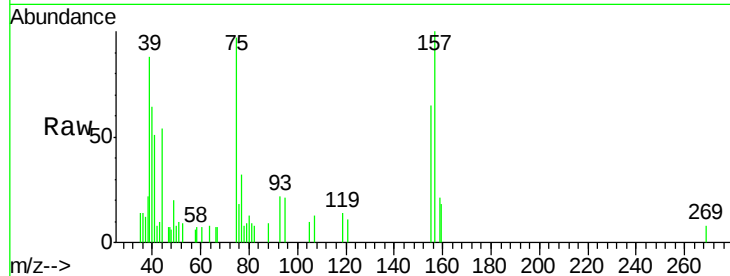
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	985
Ion Ratio	Lower	Upper	
75	100		
155	72.1	41.2	123.6
157	93.6	52.5	157.6

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#93

1,2,4-Trichlorobenzene

Concen: 1.033 ug/l

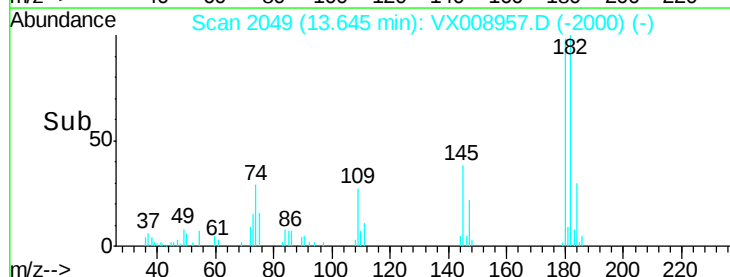
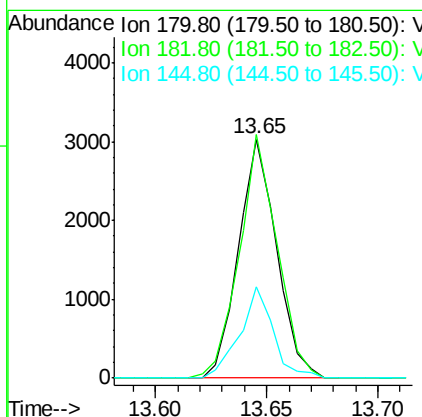
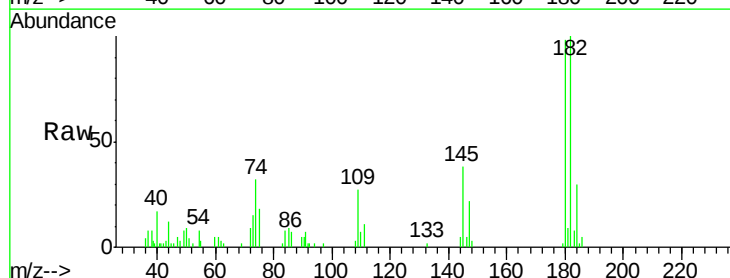
RT: 13.65 min Scan# 2049

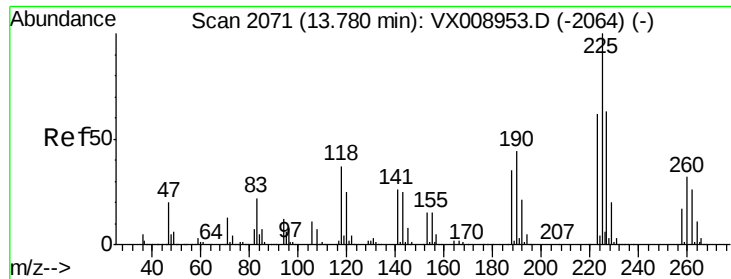
Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Tgt Ion:	180	Resp:	3620
Ion Ratio	Lower	Upper	
180	100		
182	101.3	47.6	142.9
145	33.4	14.8	44.4





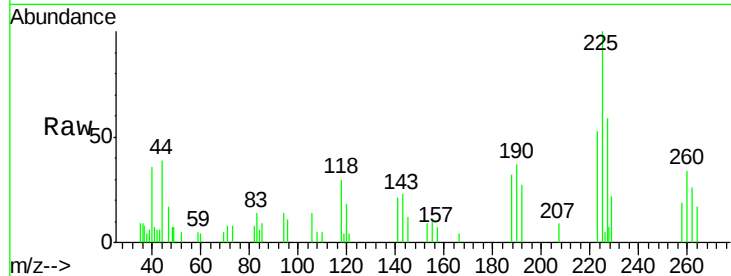
#94
Hexachlorobutadiene
Concen: 1.046 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.1	93.2
227	64.9	32.0	96.2

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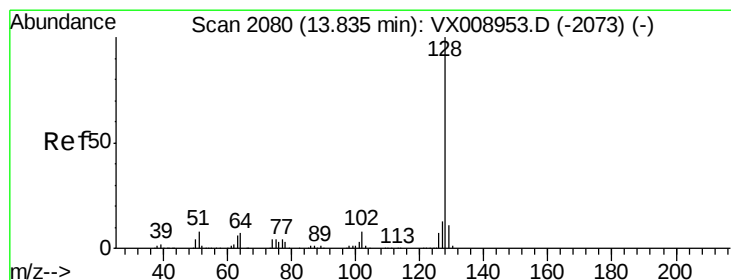
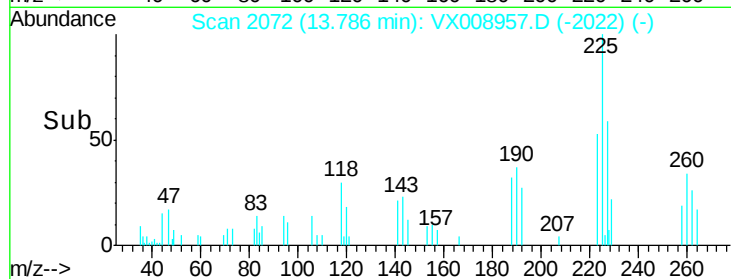
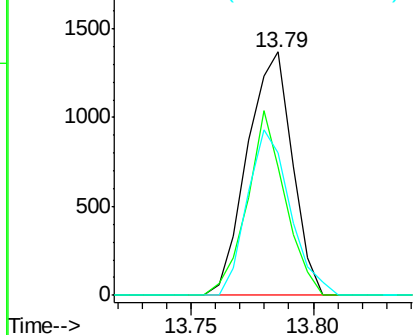


Abundance

Ion 224.70 (224.40 to 225.40): V

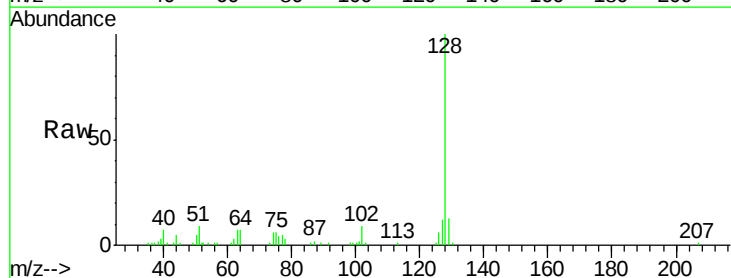
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 0.990 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	11.9	8.6	13.0

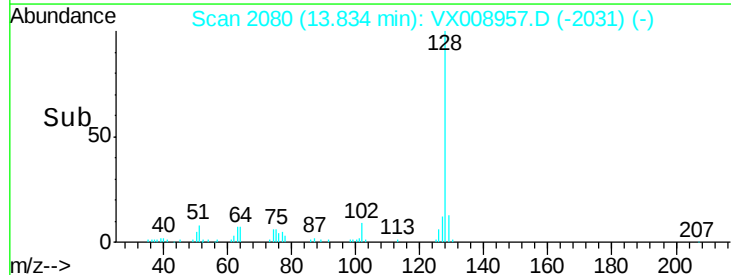
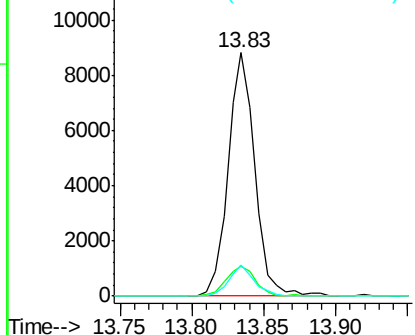


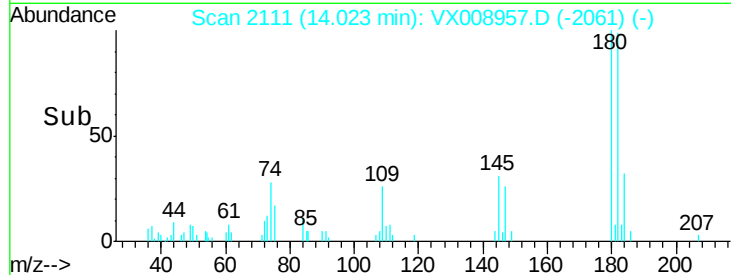
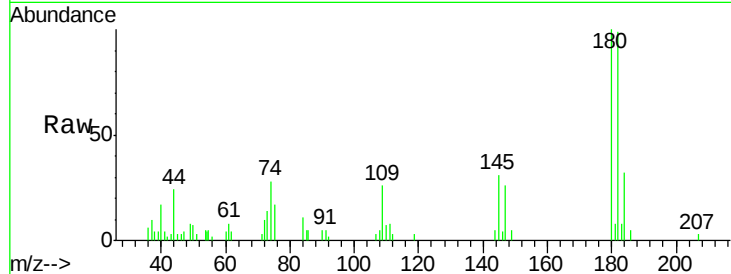
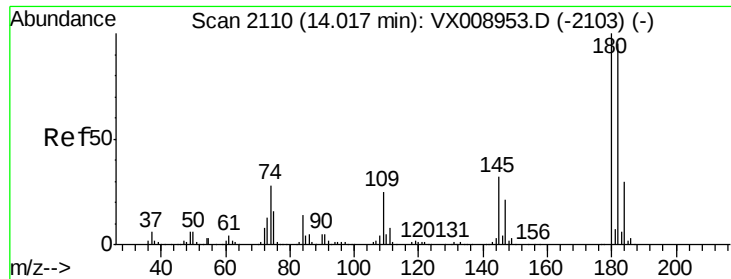
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.009 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tot Ion:	180	Resp:	3524
Ion Ratio	Lower	Upper	
180	100		
182	99.2	47.8	143.4
145	36.4	15.8	47.3

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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