

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081519\
 Data File : VX011563.D
 Acq On : 15 Aug 2019 17:40
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 8:27:47 AM

Quant Time: Aug 16 03:58:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 03:49:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	395132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	549582	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	490651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247013	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	1.19	85	3098	0.836	ug/l	80
3) Chloromethane	1.32	50	4923	1.341	ug/l	99
4) Vinyl Chloride	1.40	62	3610	0.981	ug/l	99
6) Chloroethane	1.72	64	1952	0.871	ug/l #	77
7) Trichlorofluoromethane	1.92	101	5284	0.871	ug/l	96
8) Diethyl Ether	2.18	74	1868	0.889	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3851	1.079	ug/l	98
12) 1,1-Dichloroethene	2.37	96	3738	1.075	ug/l	95
14) Allyl chloride	2.73	41	5837	1.120	ug/l	97
15) Acrylonitrile	3.14	53	9790	4.875	ug/l	98
16) Acetone	2.43	43	10192	5.390	ug/l	99
17) Carbon Disulfide	2.56	76	8210	0.931	ug/l	98
18) Methyl Acetate	2.77	43	6042	1.301	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	10843	0.954	ug/l #	90
20) Methylene Chloride	2.85	84	4593	1.149	ug/l #	87
21) trans-1,2-Dichloroethene	3.16	96	3642	0.981	ug/l #	84
22) Diisopropyl ether	3.84	45	10987	1.004	ug/l #	62
23) Vinyl Acetate	3.81	43	37947	4.163	ug/l	99
24) 1,1-Dichloroethane	3.68	63	6716	1.066	ug/l #	86
25) 2-Butanone	4.67	43	13636	4.933	ug/l	98
26) 2,2-Dichloropropane	4.57	77	4594	0.902	ug/l	85
27) cis-1,2-Dichloroethene	4.59	96	4351	1.007	ug/l	80
28) Bromochloromethane	5.00	49	2911	0.988	ug/l	87
29) Tetrahydrofuran	5.13	42	9559	5.405	ug/l #	75
30) Chloroform	5.21	83	7227	1.064	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	5574	0.950	ug/l #	25
36) 1,1-Dichloropropene	5.79	75	4408	0.965	ug/l	90
37) Ethyl Acetate	4.84	43	5083	1.069	ug/l #	84
38) Carbon Tetrachloride	5.78	117	4987	1.040	ug/l #	86
39) Methylcyclohexane	7.46	83	5859	0.998	ug/l	97
40) Benzene	6.14	78	14223	1.016	ug/l	96
41) Methacrylonitrile	5.03	41	2524	0.924	ug/l #	79
42) 1,2-Dichloroethane	6.20	62	4565	0.931	ug/l	93
43) Isopropyl Acetate	6.45	43	8203	1.055	ug/l #	92

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	4256	1.026	ug/l	99
45) 1,2-Dichloropropane	7.51	63	3314	0.927	ug/l	91
46) Dibromomethane	7.66	93	3020	1.193	ug/l	88
47) Bromodichloromethane	7.89	83	4792	1.052	ug/l #	89
48) Methyl methacrylate	7.77	41	3590	0.938	ug/l #	86
49) 1,4-Dioxane	7.74	88	2214	21.015	ug/l #	68
51) 4-Methyl-2-Pentanone	8.64	43	23933	4.729	ug/l	95
52) Toluene	8.78	92	9140	0.998	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	4181	0.857	ug/l #	77
54) cis-1,3-Dichloropropene	8.43	75	4441	0.820	ug/l #	83
55) 1,1,2-Trichloroethane	9.21	97	4036	1.067	ug/l #	92
56) Ethyl methacrylate	9.18	69	4413	0.796	ug/l #	94
57) 1,3-Dichloropropane	9.37	76	6199	1.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	13140	4.929	ug/l	93
59) 2-Hexanone	9.49	43	17854	4.563	ug/l	96
60) Dibromochloromethane	9.58	129	3159	0.816	ug/l	88
61) 1,2-Dibromoethane	9.67	107	3989	0.992	ug/l	99
64) Tetrachloroethene	9.34	164	4157	1.062	ug/l	89
65) Chlorobenzene	10.13	112	10538	1.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	3604	0.998	ug/l #	68
67) Ethyl Benzene	10.25	91	16303	0.944	ug/l	97
68) m/p-Xylenes	10.36	106	11888	1.789	ug/l	99
69) o-Xylene	10.69	106	5986	0.926	ug/l	99
70) Styrene	10.71	104	9271	0.858	ug/l	93
71) Bromoform	10.85	173	2516	0.863	ug/l #	93
73) Isopropylbenzene	11.01	105	15208	0.910	ug/l	99
74) N-amyl acetate	10.90	43	6971	1.082	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	5383	0.981	ug/l #	96
76) 1,2,3-Trichloropropane	11.29	75	4579m	1.014	ug/l	
77) Bromobenzene	11.25	156	4731	1.014	ug/l	99
78) n-propylbenzene	11.36	91	15495	0.843	ug/l	98
79) 2-Chlorotoluene	11.42	91	9943	0.896	ug/l	92
80) 1,3,5-Trimethylbenzene	11.51	105	11722	0.840	ug/l	96
82) 4-Chlorotoluene	11.51	91	11479	0.891	ug/l	98
83) tert-Butylbenzene	11.77	119	12396	0.899	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	11676	0.829	ug/l	98
85) sec-Butylbenzene	11.94	105	14053	0.877	ug/l	99
86) p-Isopropyltoluene	12.06	119	12321	0.827	ug/l	92
87) 1,3-Dichlorobenzene	12.02	146	7933	0.983	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	8222m	0.996	ug/l	
89) n-Butylbenzene	12.38	91	10064	0.797	ug/l	98
90) Hexachloroethane	12.59	117	1993	0.851	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	8009	1.001	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1211	1.045	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	5605	1.015	ug/l	97
94) Hexachlorobutadiene	13.78	225	3183	1.140	ug/l	94
95) Naphthalene	13.83	128	14121	0.871	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.02	180	5478	0.993	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

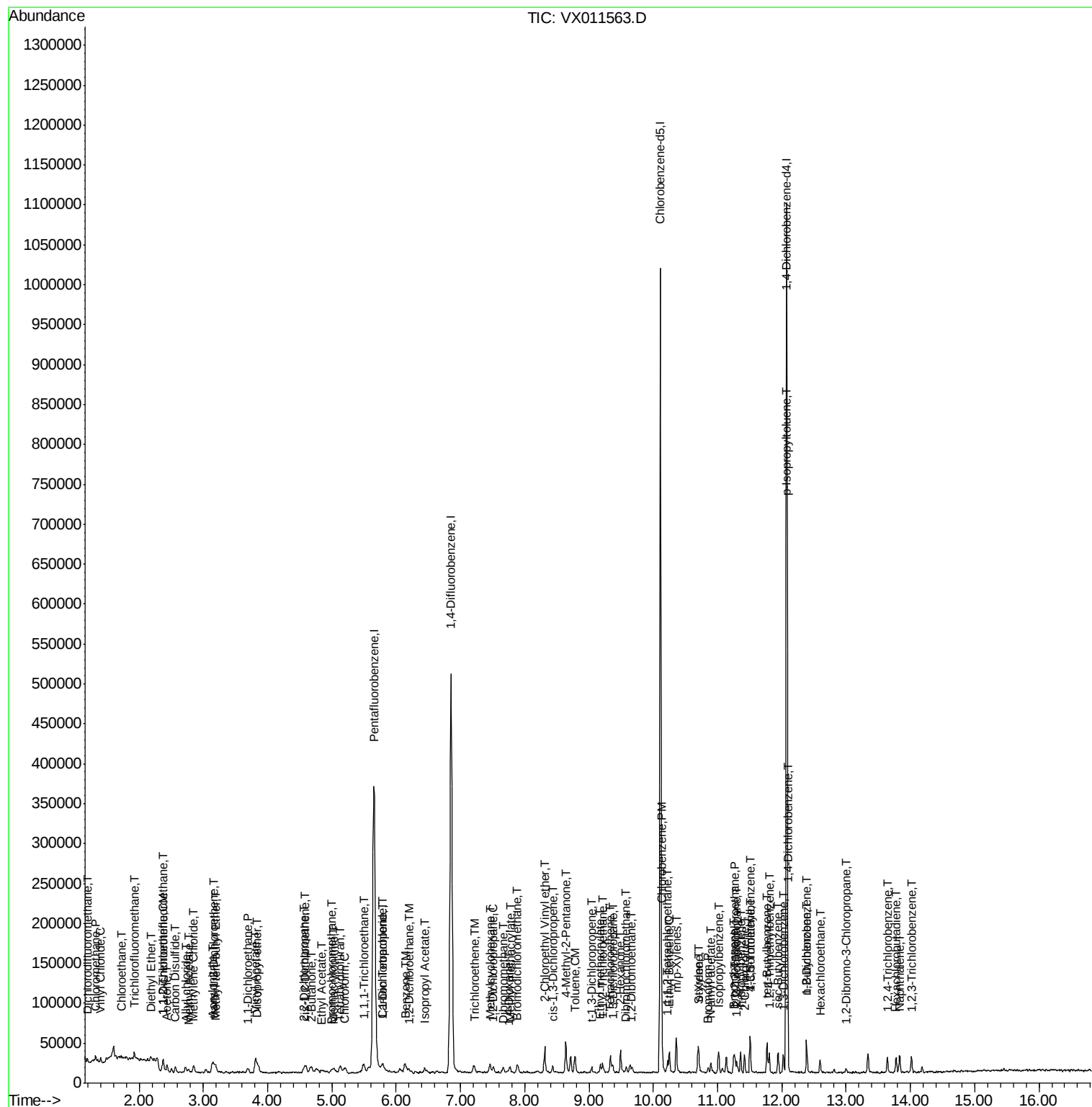
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081519\
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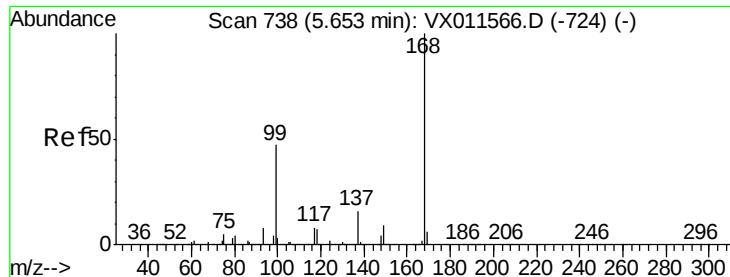
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 395132

Ion Ratio Lower Upper

168 100

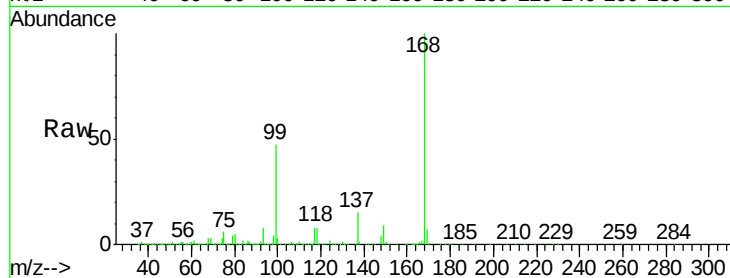
99 47.0 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

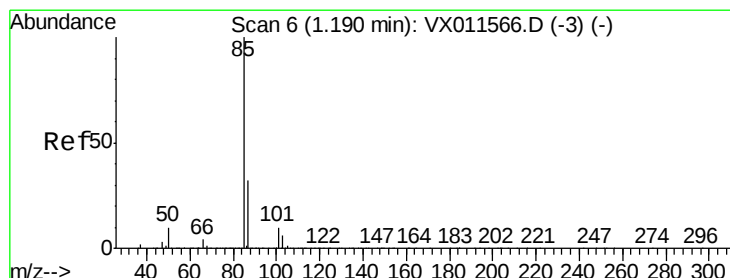
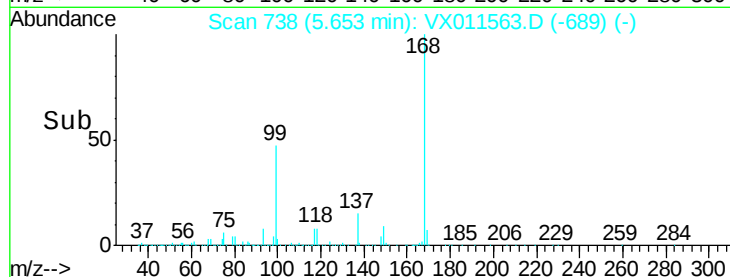
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.836 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011563.D

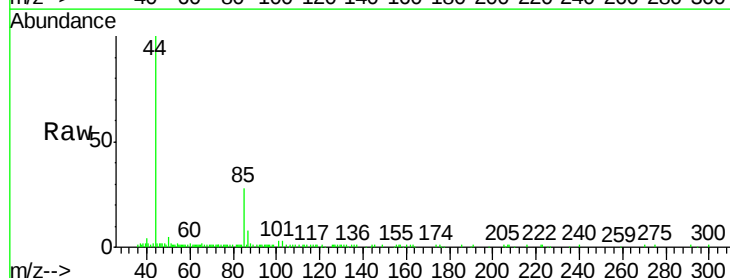
Acq: 15 Aug 2019 17:40

Tgt Ion: 85 Resp: 3098

Ion Ratio Lower Upper

85 100

87 20.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

3000

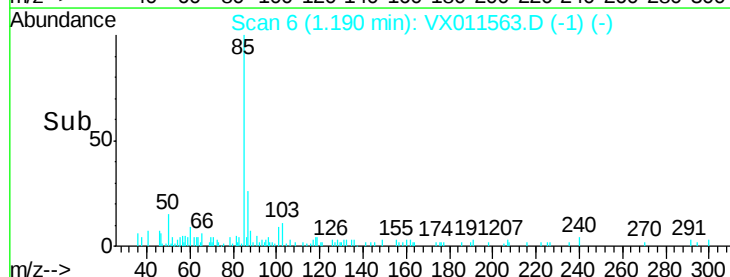
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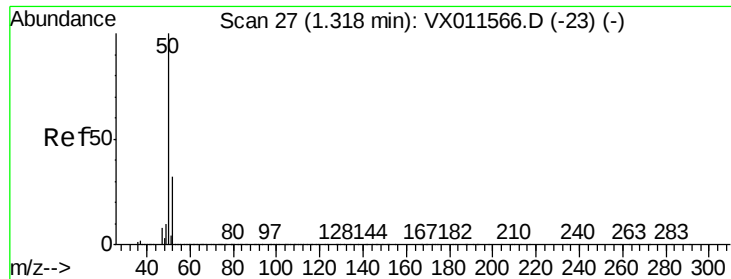
1000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 1.341 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4923

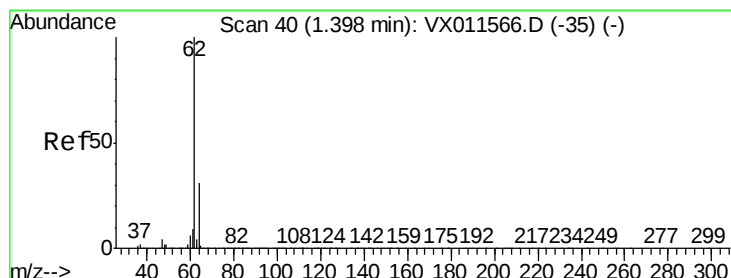
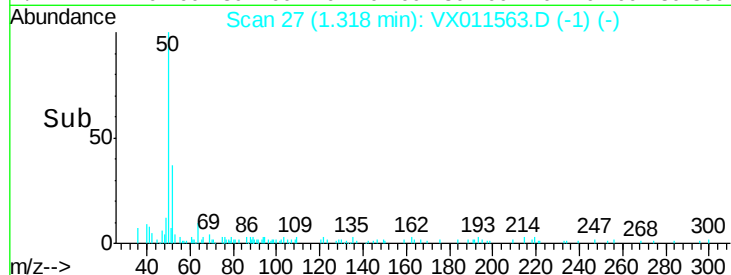
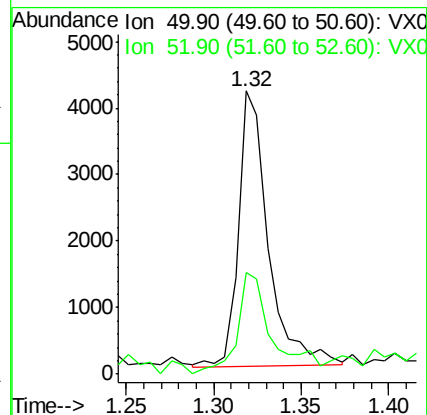
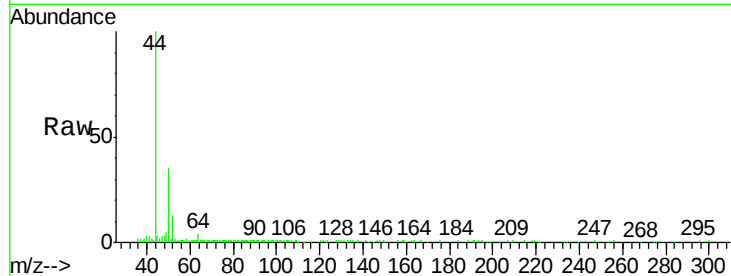
Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 0.981 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011563.D

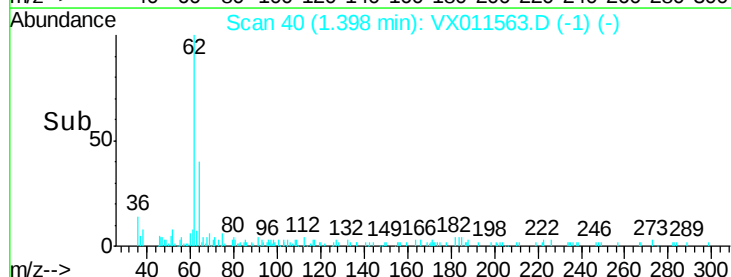
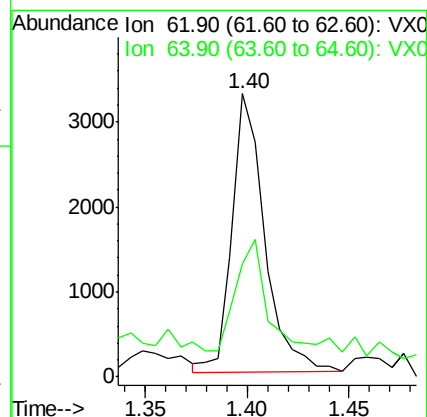
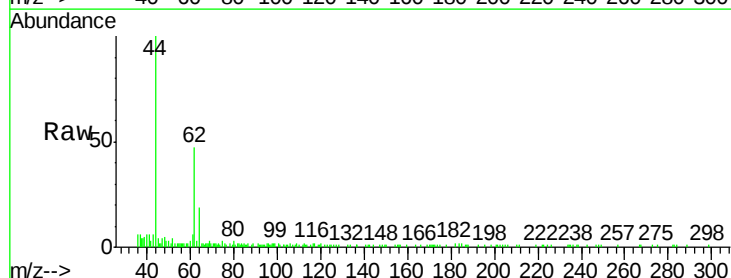
Acq: 15 Aug 2019 17:40

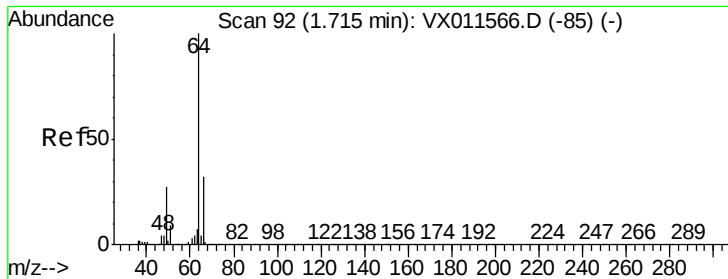
Tgt Ion: 62 Resp: 3610

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.4





#6

Chloroethane

Concen: 0.871 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1952

Ion Ratio Lower Upper

64 100

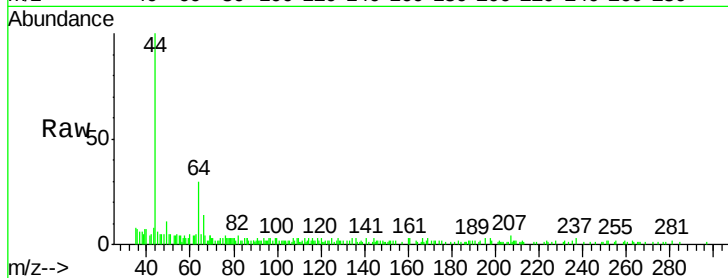
66 44.5 25.3 37.9#

Manual Integrations

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Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

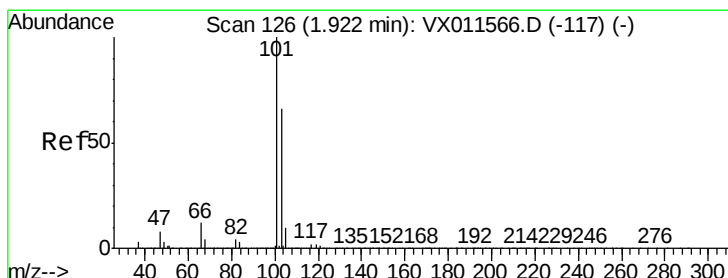
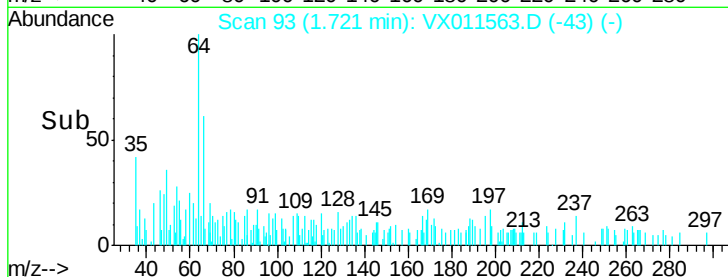
1500

1000

500

0

Time-->



#7

Trichlorofluoromethane

Concen: 0.871 ug/l

RT: 1.92 min Scan# 126

Delta R.T. 0.00 min

Lab File: VX011563.D

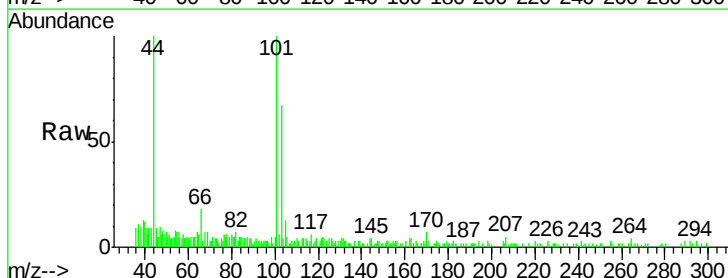
Acq: 15 Aug 2019 17:40

Tgt Ion: 101 Resp: 5284

Ion Ratio Lower Upper

101 100

103 63.1 52.9 79.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

4000

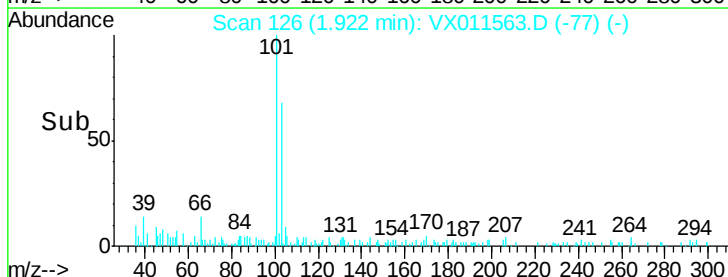
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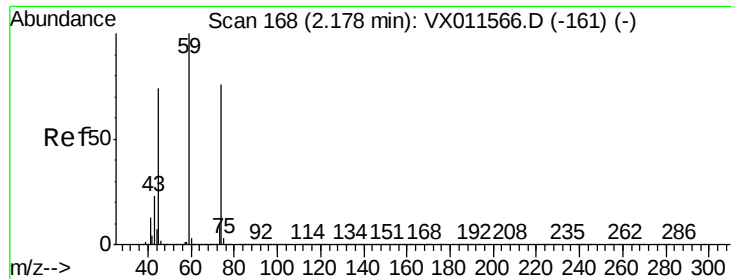
2000

1000

0

Time-->





#8

Diethyl Ether

Concen: 0.889 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1868

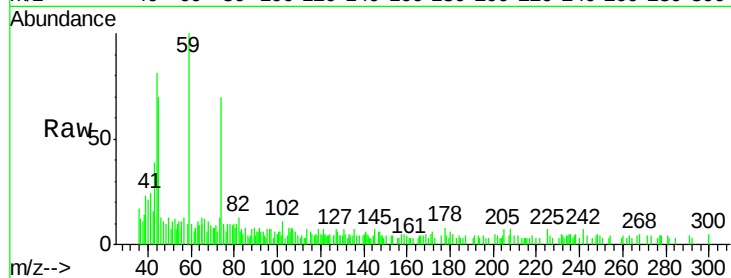
Ion Ratio Lower Upper

74 100

45 104.1 48.2 144.6

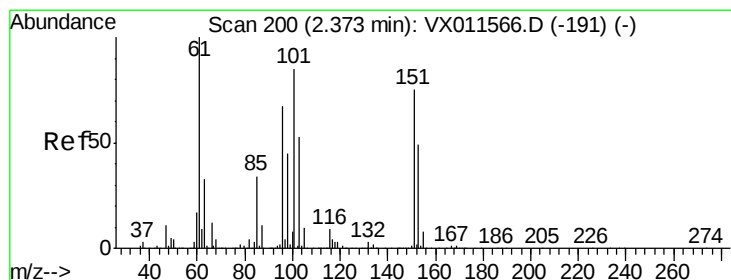
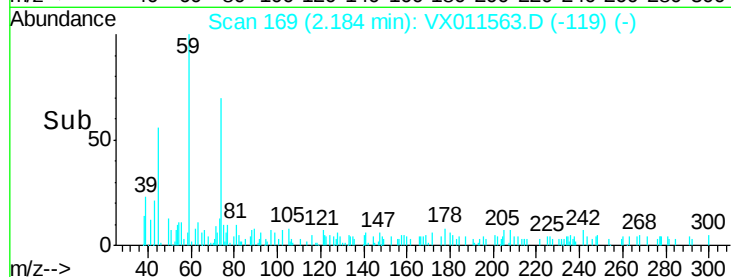
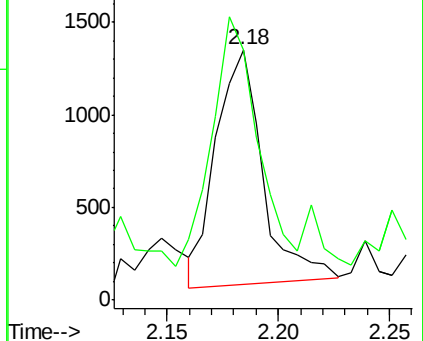
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Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.079 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

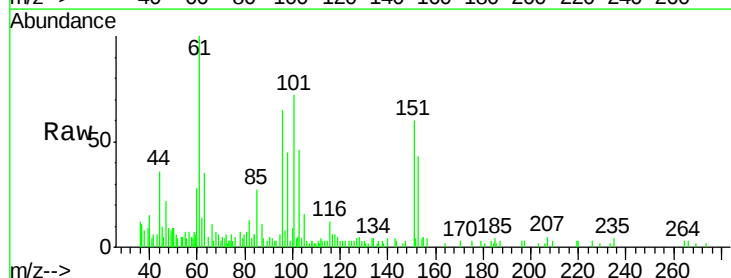
Tgt Ion: 101 Resp: 3851

Ion Ratio Lower Upper

101 100

85 40.1 33.0 49.4

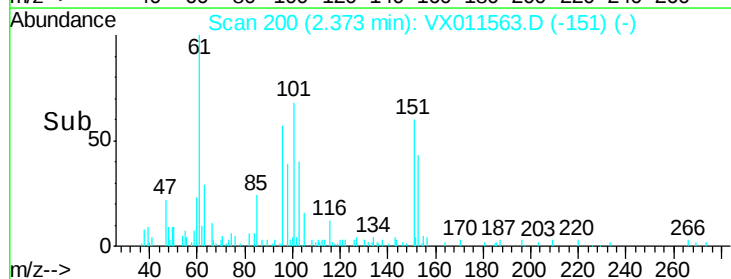
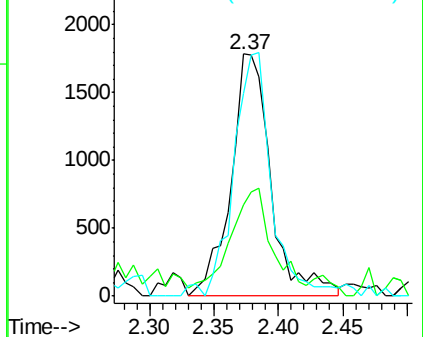
151 93.5 73.3 109.9

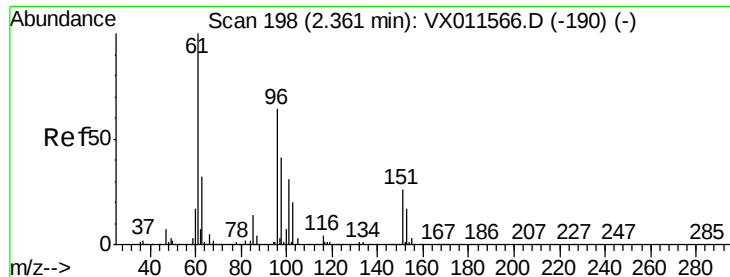


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





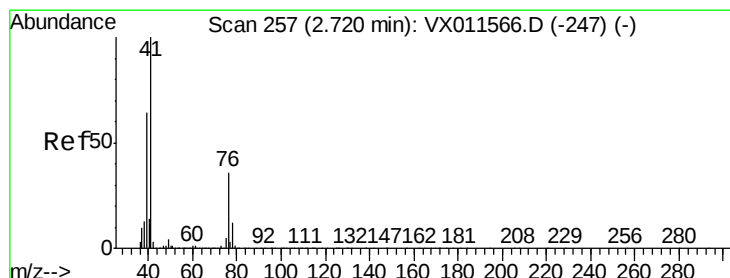
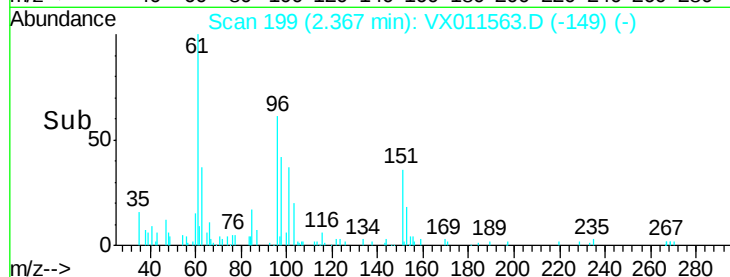
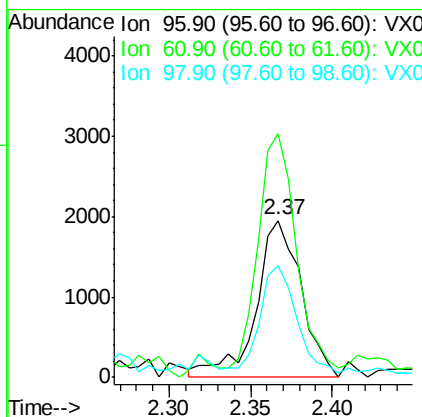
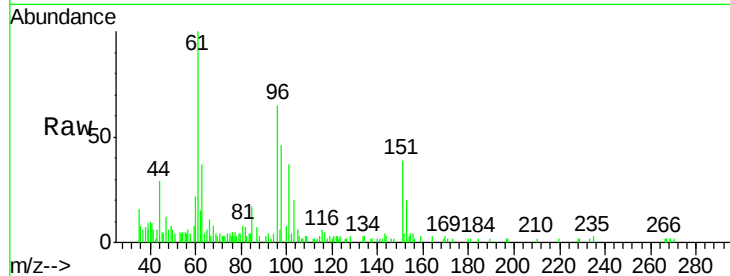
#12
 1,1-Dichloroethene
 Concen: 1.075 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.01 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.1	125.0	187.4
98	67.9	51.5	77.3

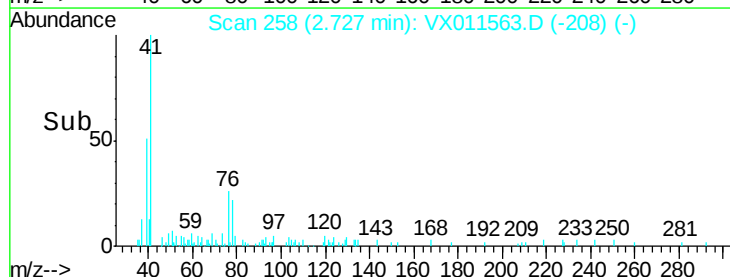
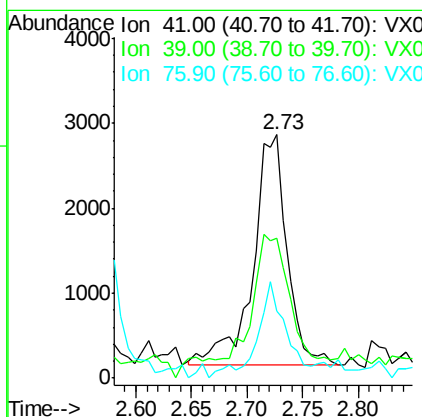
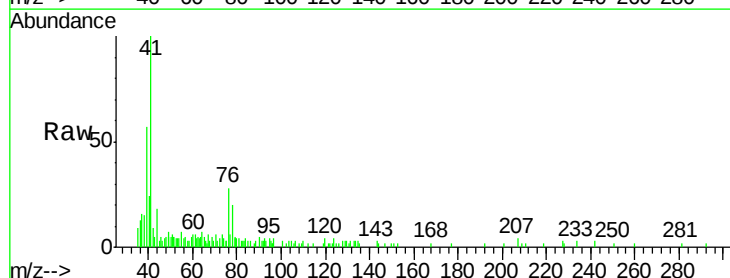
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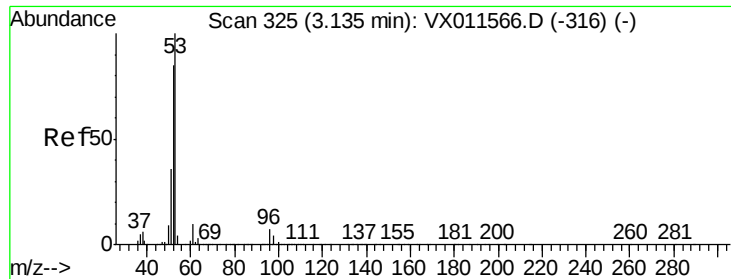
MMDadoda
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#14
 Allyl chloride
 Concen: 1.120 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. 0.01 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.6	47.5	71.3
76	35.4	26.3	39.5





#15

Acrylonitrile

Concen: 4.875 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

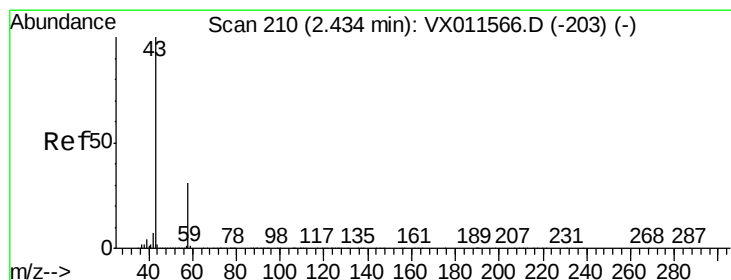
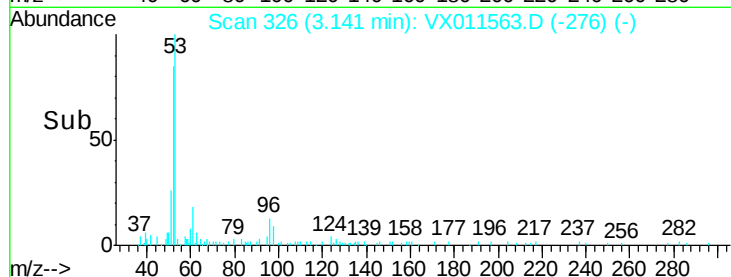
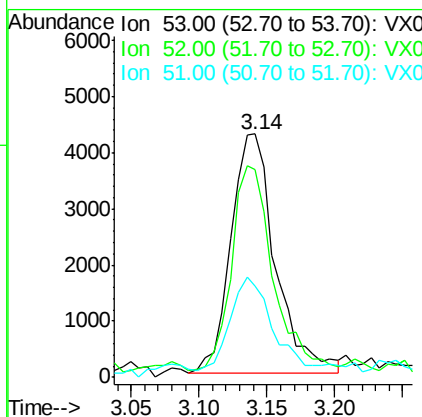
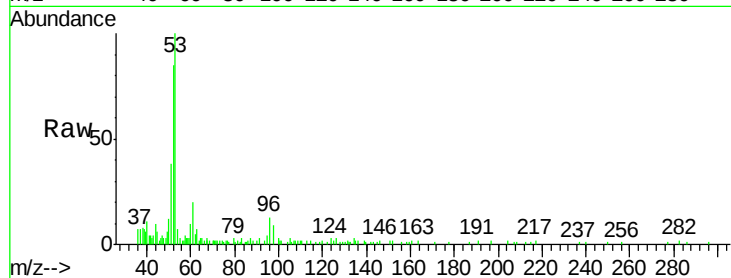
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	9790
Ion	Ratio	Lower	Upper
53	100		
52	80.5	66.7	100.1
51	36.3	28.7	43.1

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#16

Acetone

Concen: 5.390 ug/l

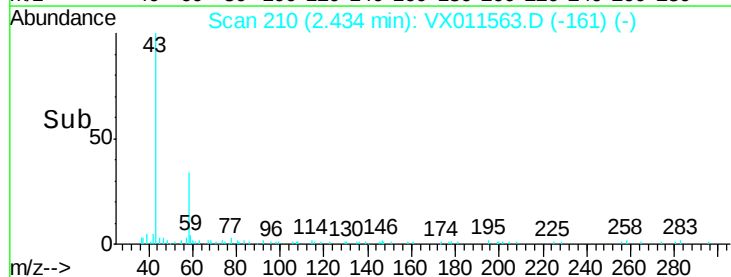
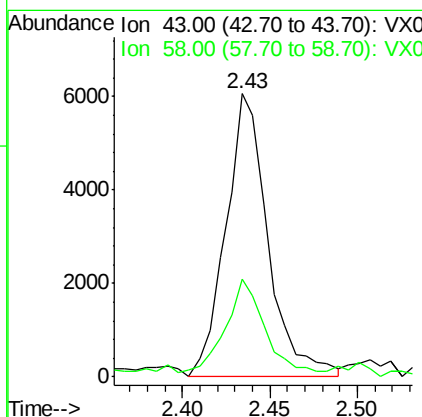
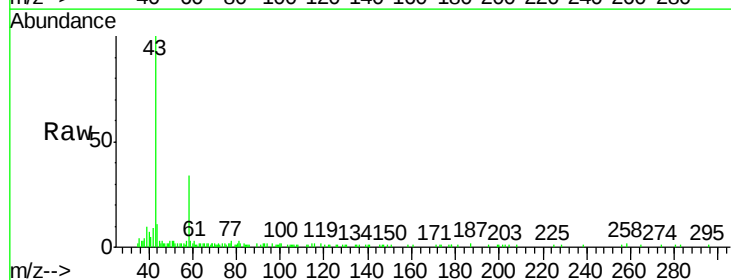
RT: 2.43 min Scan# 210

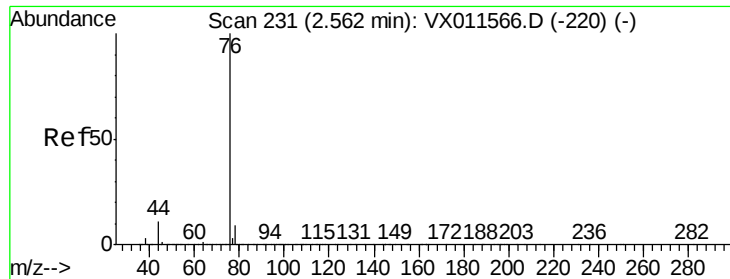
Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Tgt Ion:	43	Resp:	10192
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.2	37.8





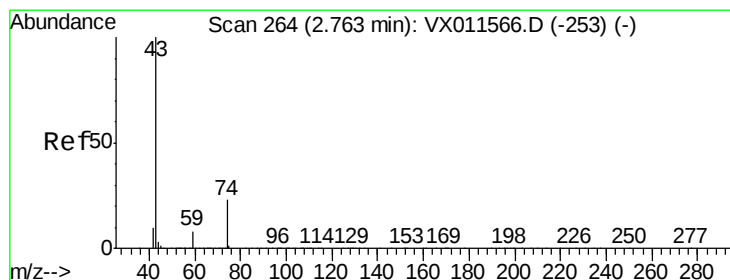
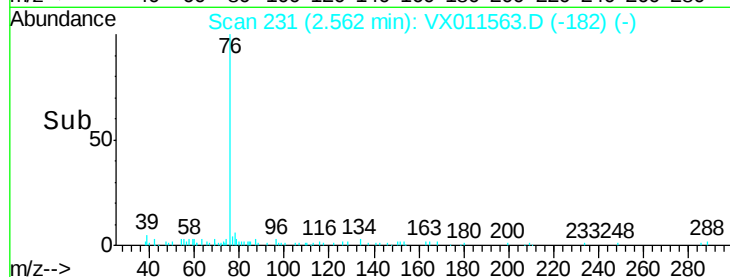
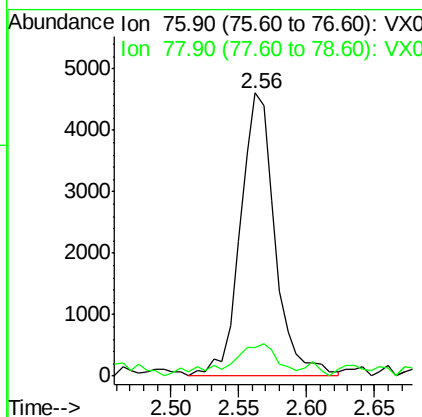
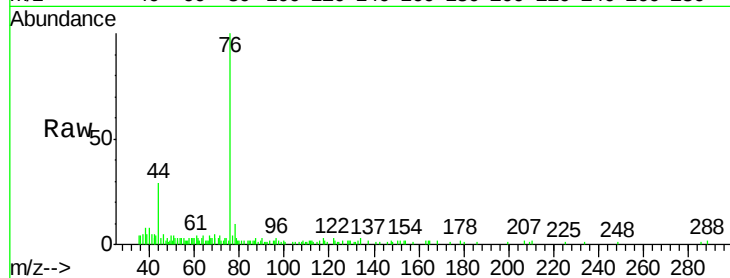
#17
Carbon Disulfide
Concen: 0.931 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.2	10.8

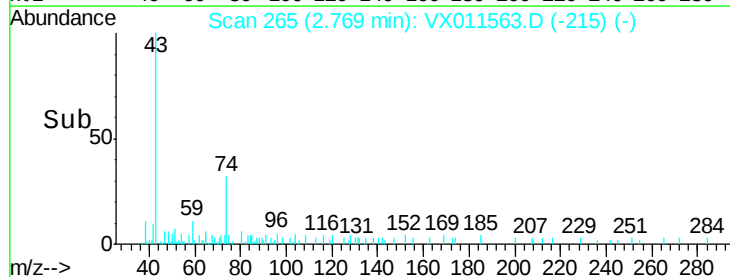
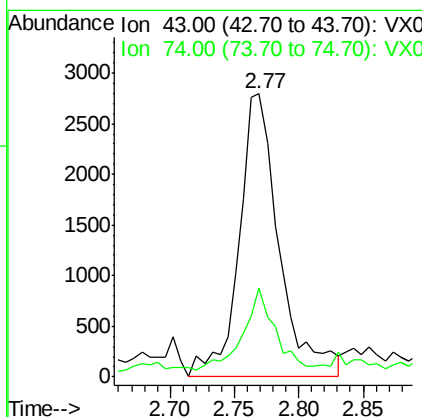
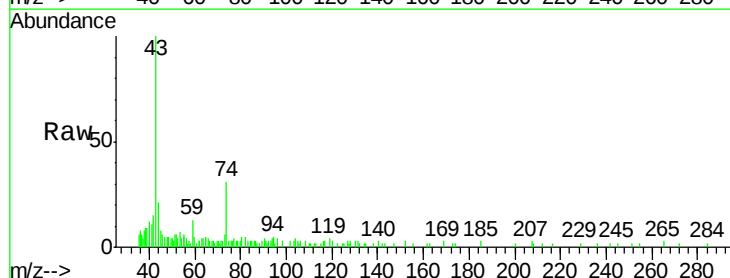
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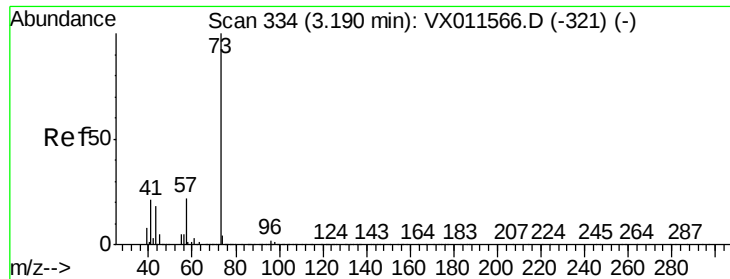
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#18
Methyl Acetate
Concen: 1.301 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	19.7	29.5





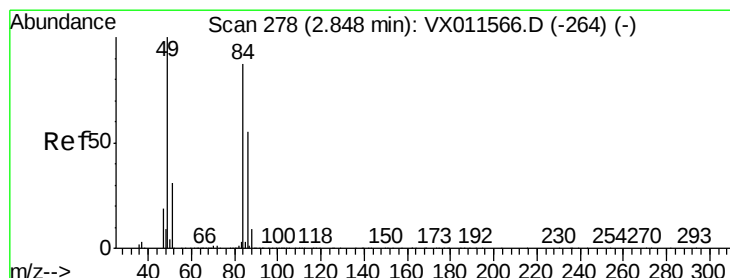
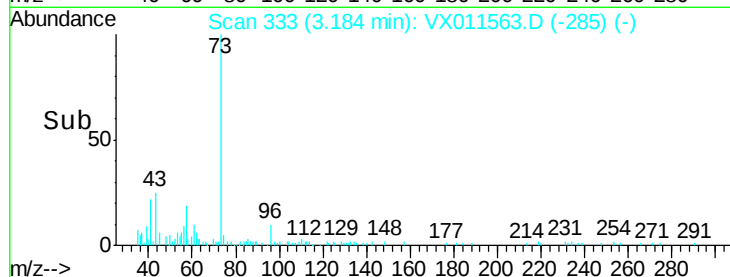
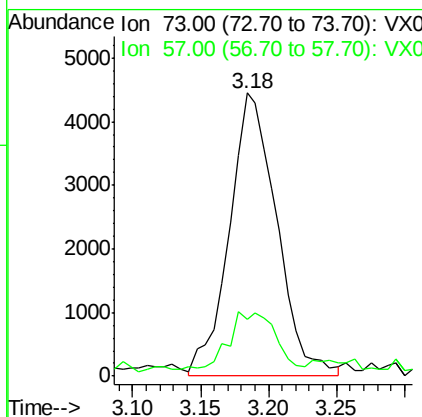
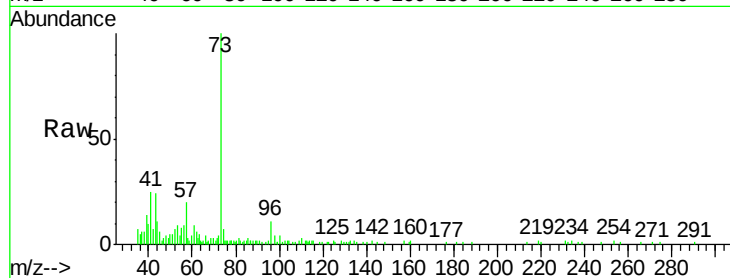
#19
Methvl tert-butvl Ether
Concen: 0.954 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.0	17.2	25.8#

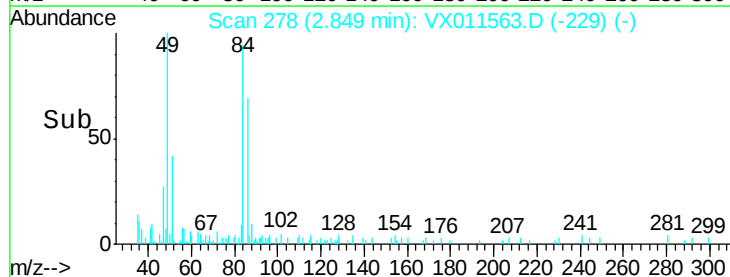
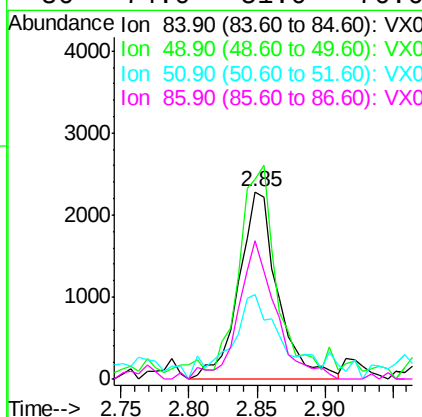
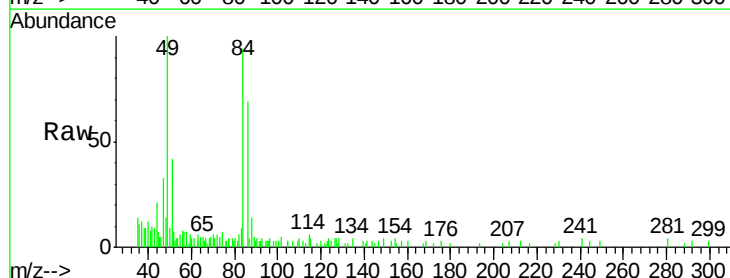
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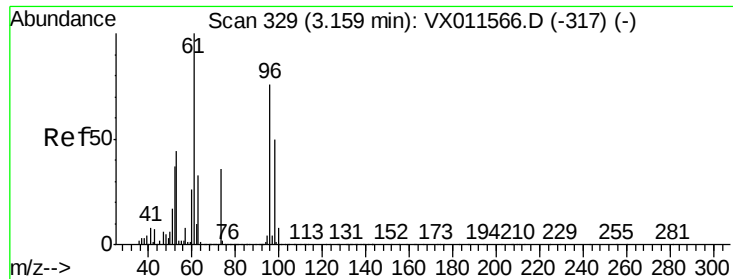
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#20
Methylene Chloride
Concen: 1.149 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	102.2	92.4	138.6
51	45.3	28.5	42.7#
86	74.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 0.981 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

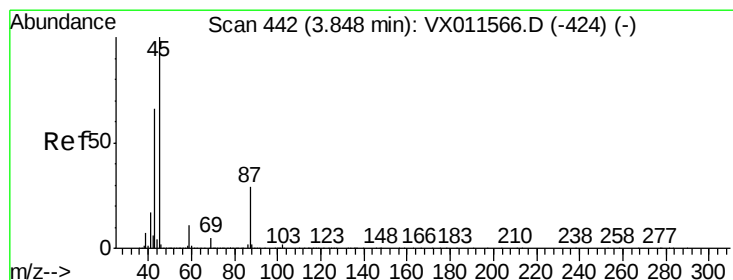
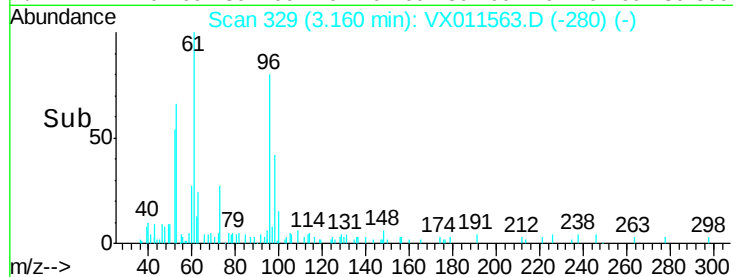
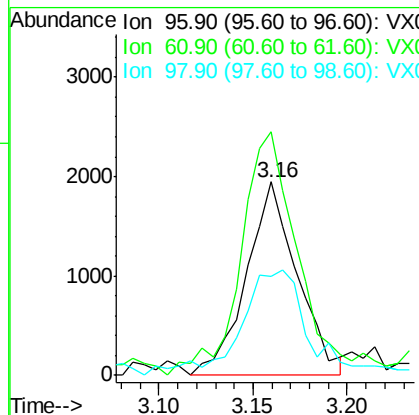
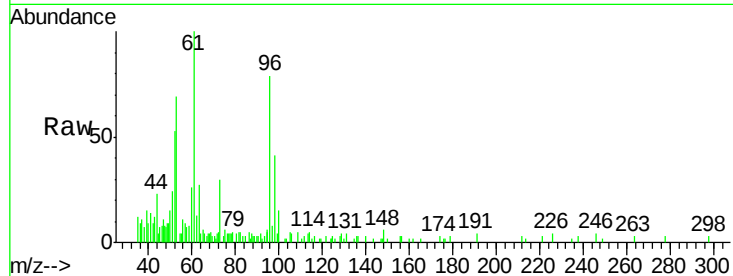
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3642
Ion	Ratio	Lower	Upper
96	100		
61	120.0	105.5	158.3
98	44.5	52.6	78.8#

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#22

Diisopropyl ether

Concen: 1.004 ug/l

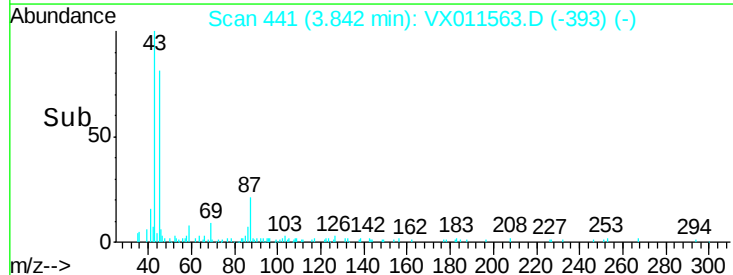
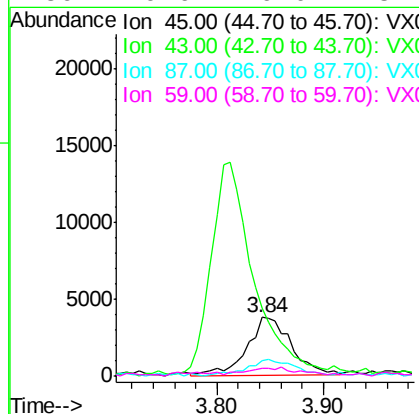
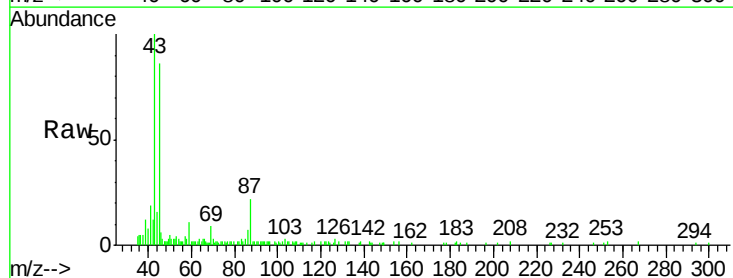
RT: 3.84 min Scan# 441

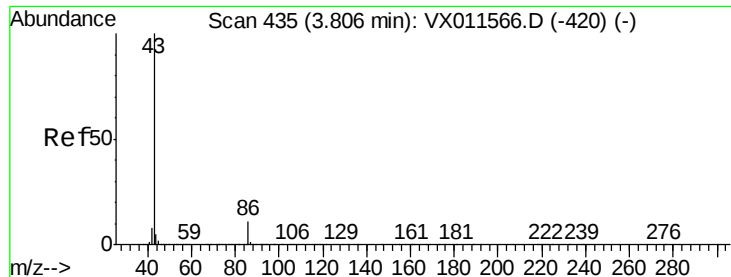
Delta R.T. -0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Tgt Ion:	45	Resp:	10987
Ion	Ratio	Lower	Upper
45	100		
43	109.8	52.7	79.1#
87	21.9	23.5	35.3#
59	9.6	9.0	13.4





#23

Vinyl Acetate

Concen: 4.163 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 37947

Ion Ratio Lower Upper

43 100

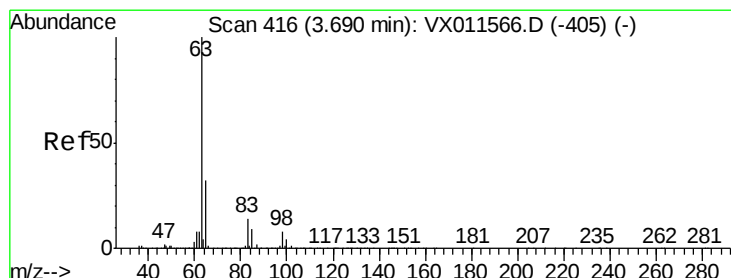
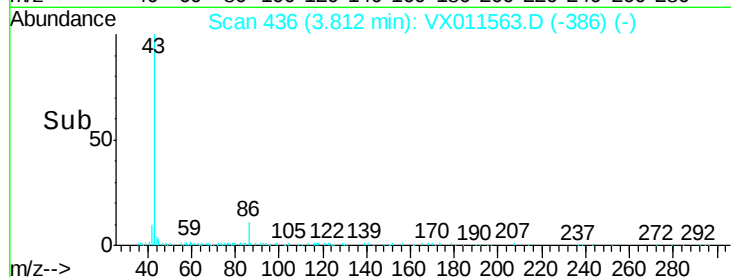
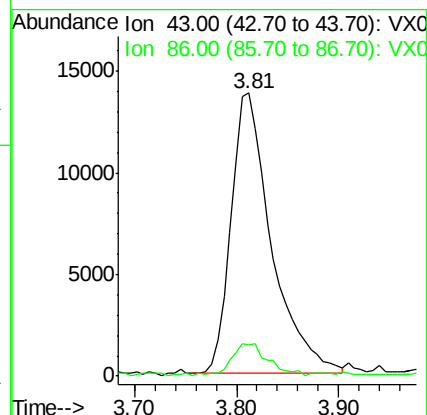
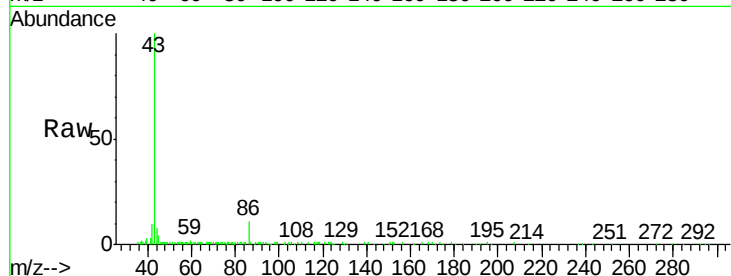
86 11.1 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 1.066 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

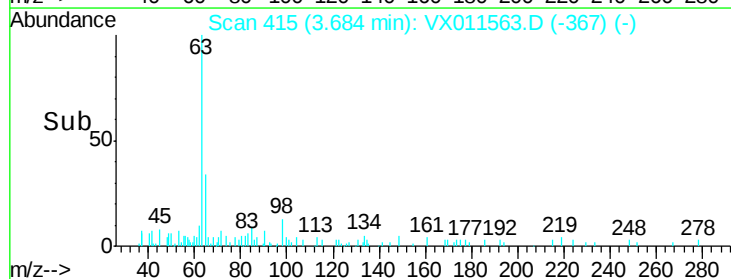
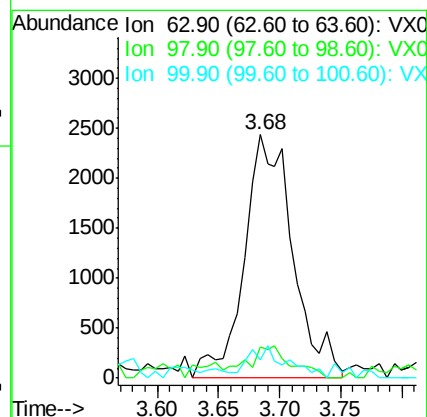
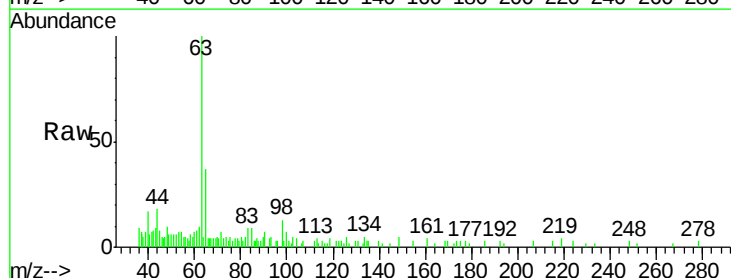
Tgt Ion: 63 Resp: 6716

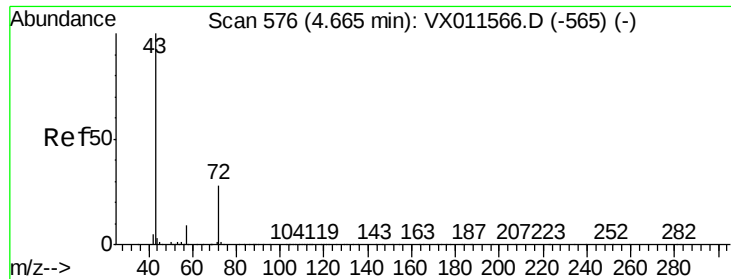
Ion Ratio Lower Upper

63 100

98 12.6 3.7 11.1#

100 8.2 2.1 6.3#





#25

2-Butanone

Concen: 4.933 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 13636

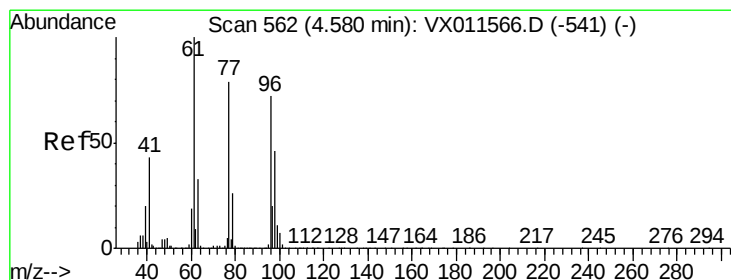
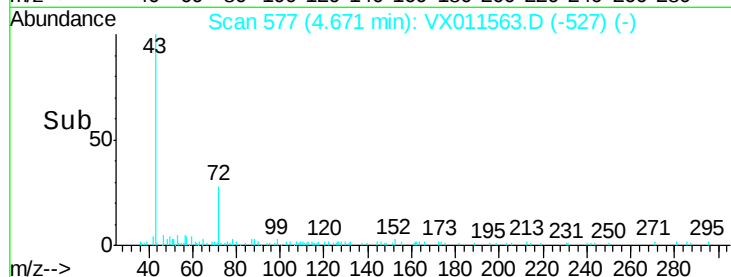
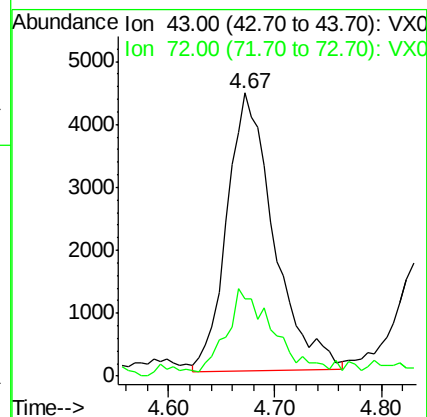
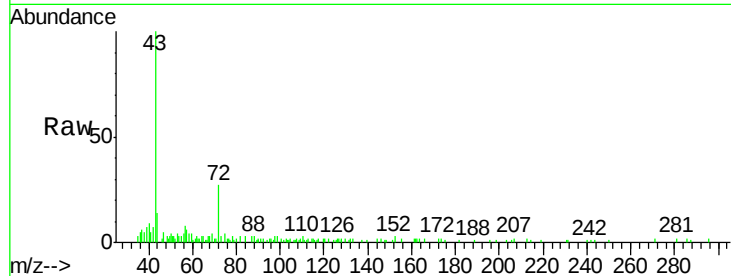
Ion Ratio Lower Upper

43 100

72 26.6 22.2 33.4

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#26

2,2-Dichloropropane

Concen: 0.902 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VX011563.D

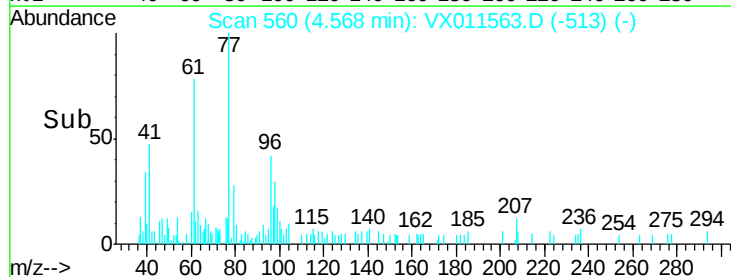
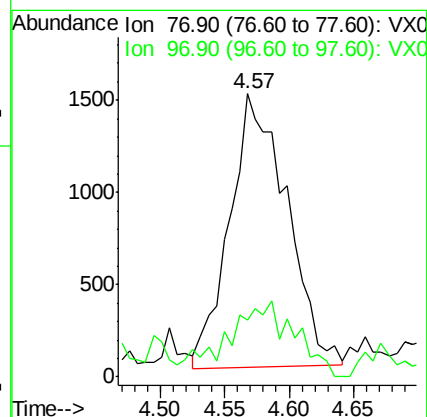
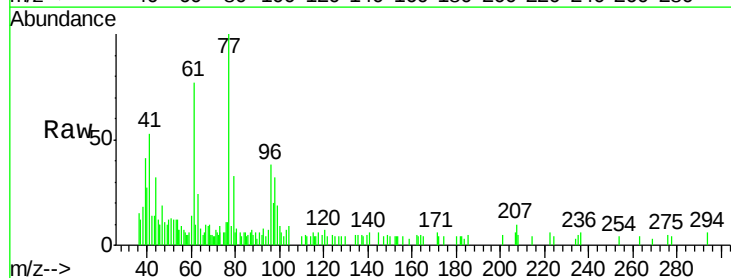
Acq: 15 Aug 2019 17:40

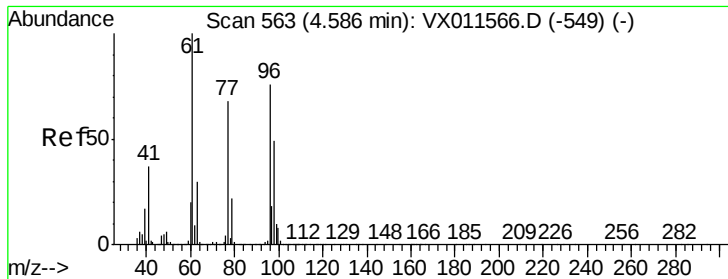
Tgt Ion: 77 Resp: 4594

Ion Ratio Lower Upper

77 100

97 32.4 12.4 37.2





#27

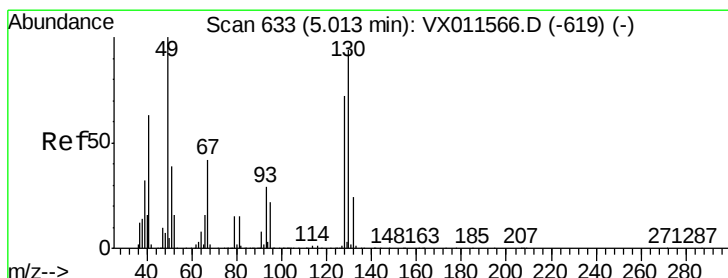
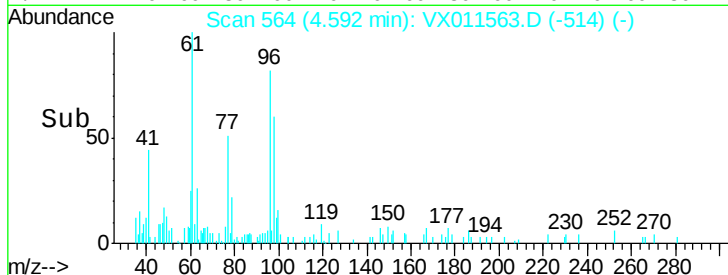
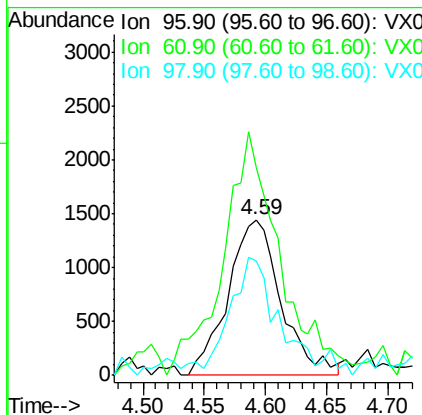
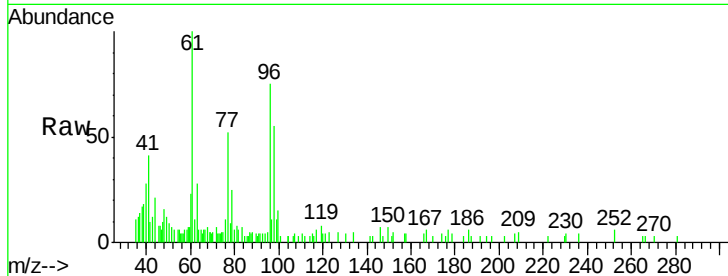
cis-1,2-Dichloroethene
Concen: 1.007 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	167.8	0.0	272.6
98	69.3	0.0	129.4

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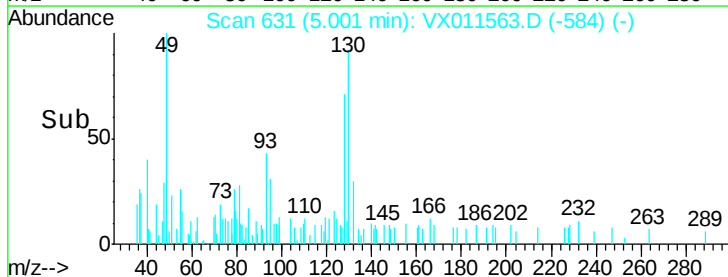
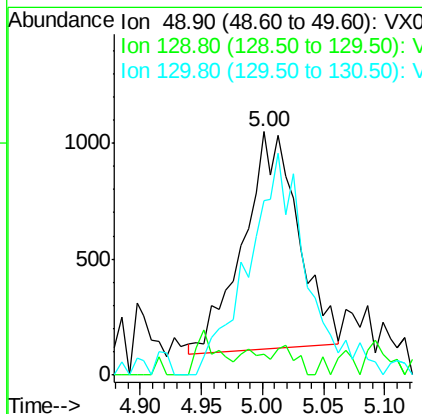
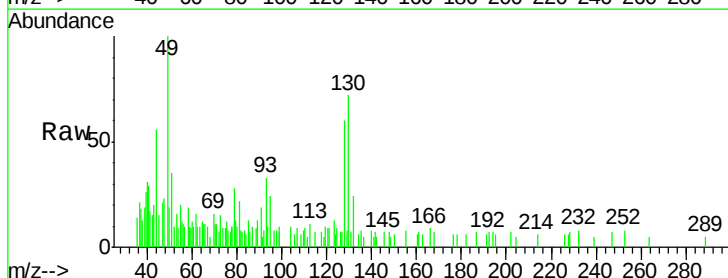
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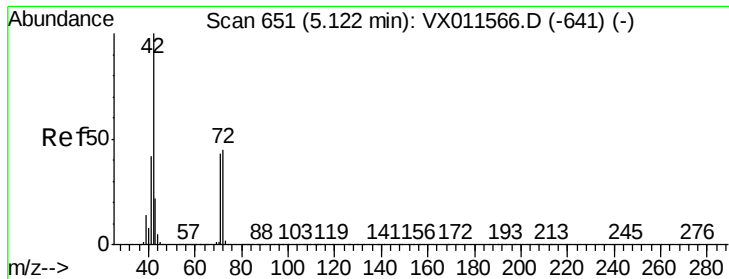


#28

Bromochloromethane
Concen: 0.988 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	4.8	0.0	5.0
130	108.9	76.6	115.0





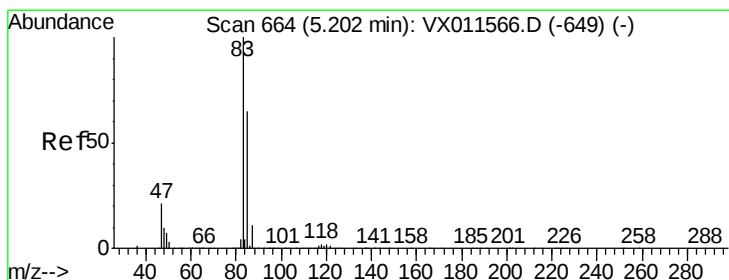
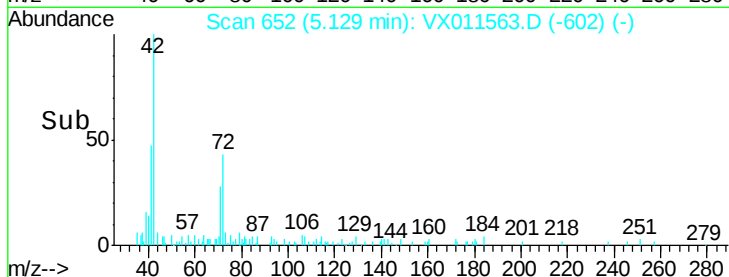
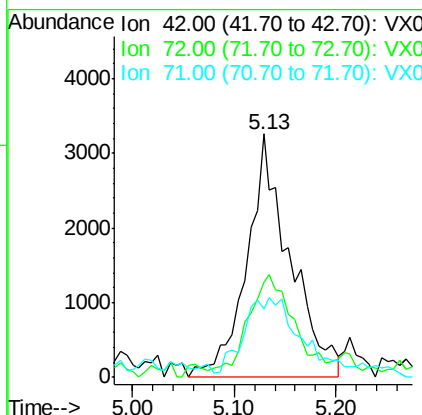
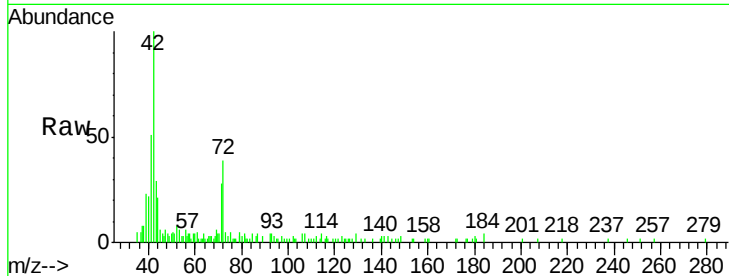
#29
Tetrahydrofuran
Concen: 5.405 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.01 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.5	36.1	54.1
71	15.9	33.8	50.8

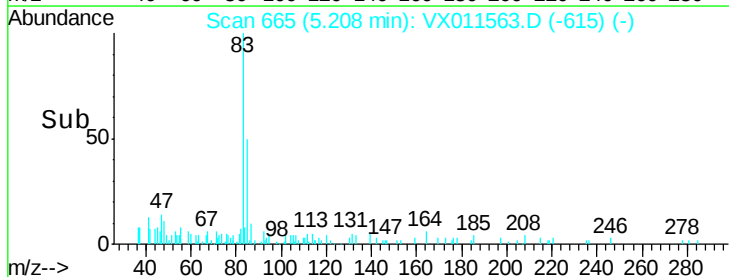
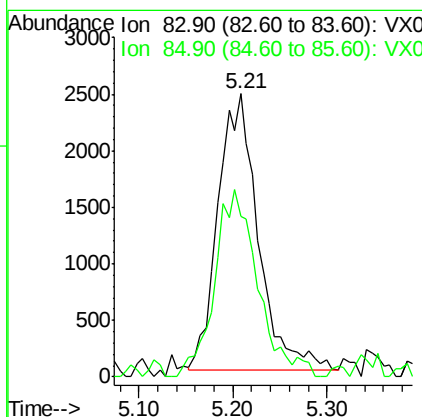
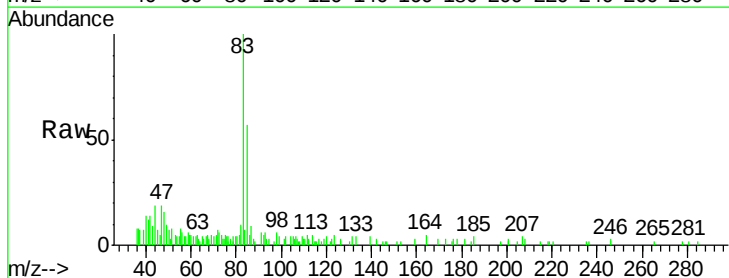
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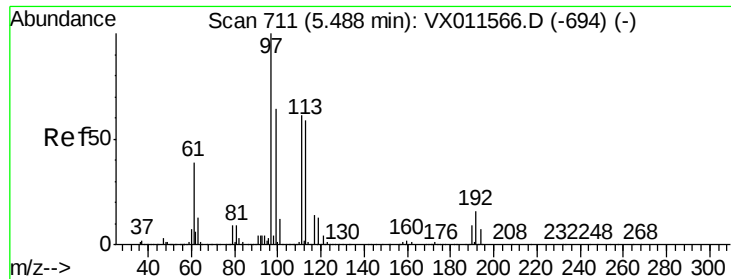
MMDadoda
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#30
Chloroform
Concen: 1.064 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.01 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	54.7	51.9	77.9





#32

1,1,1-Trichloroethane

Concen: 0.950 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

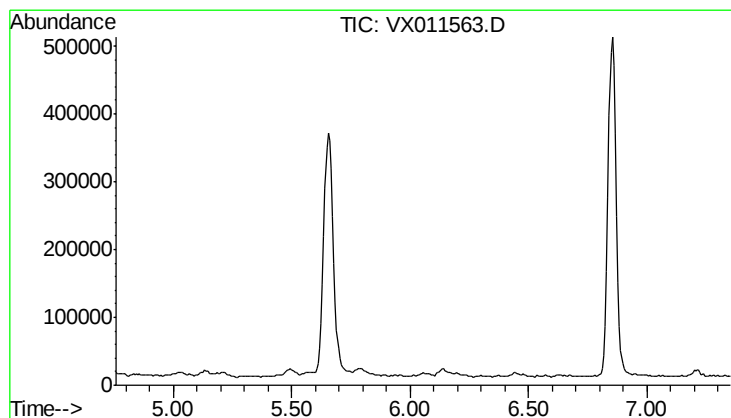
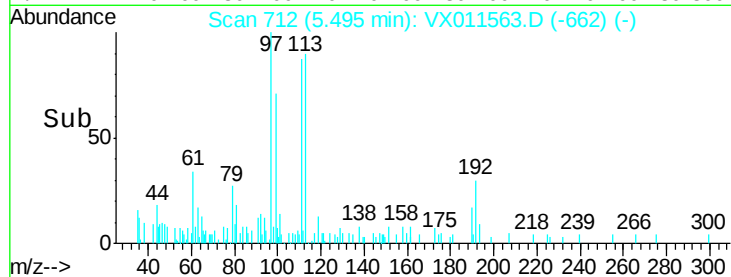
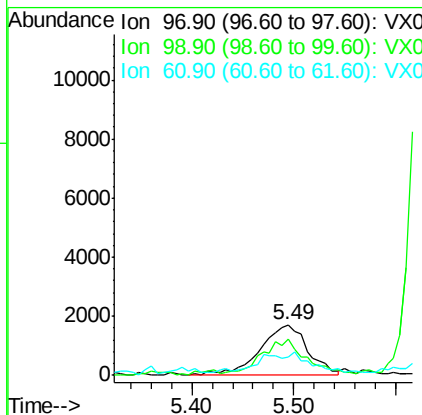
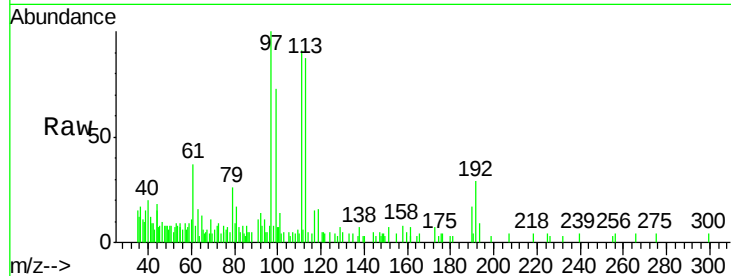
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	5574
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.4	77.0#
61	0.0	31.4	47.2#

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.06 min

Lab File: VX011563.D

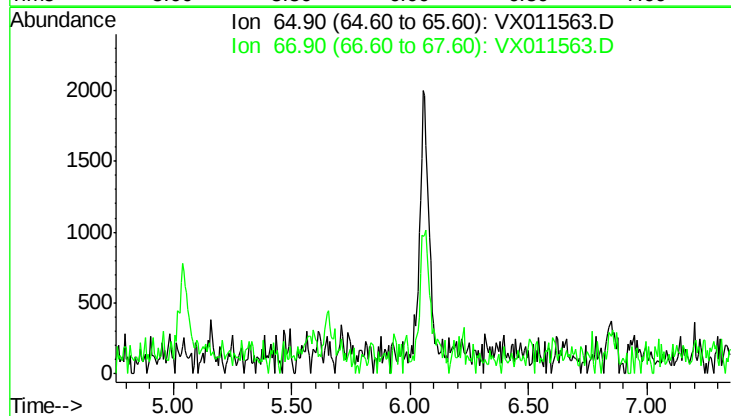
Acq: 15 Aug 2019 17:40

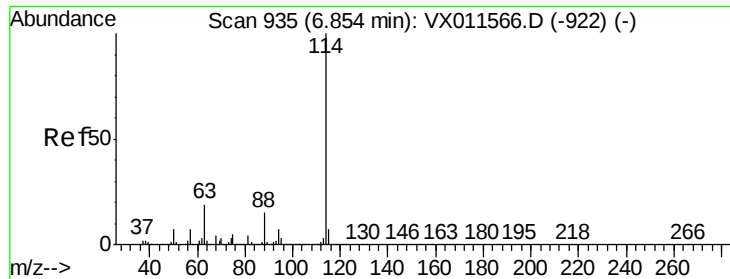
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

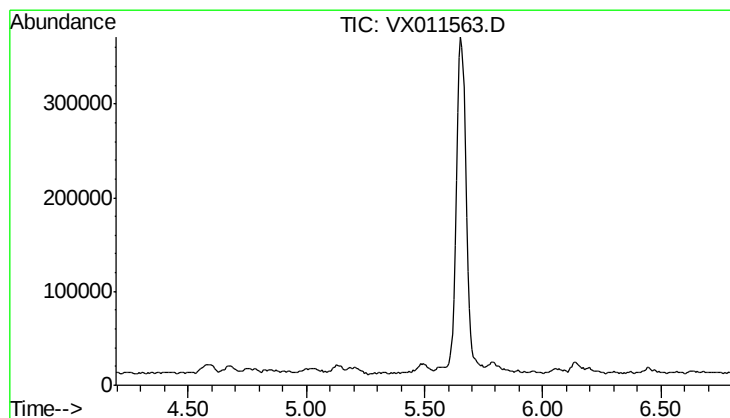
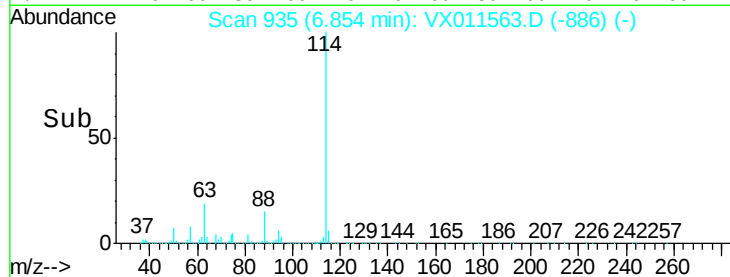
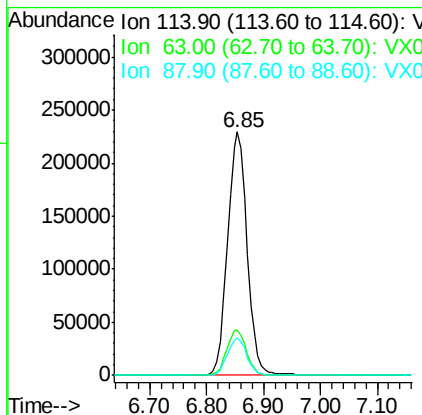
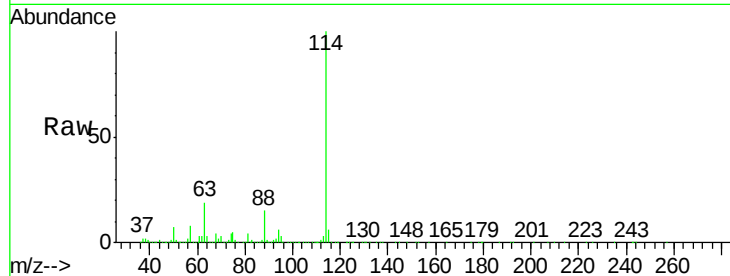
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.7	0.0	37.8
88	15.5	0.0	30.2

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#35

Dibromofluoromethane

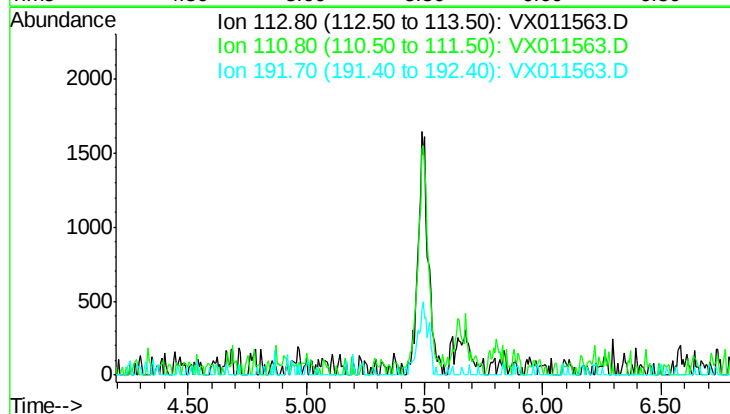
Concen: 0.000 ug/l

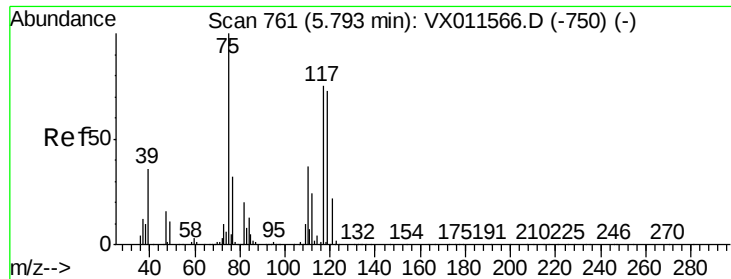
Expected RT: 5.49 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Tgt Ion	Exp Ratio
113	100
111	101.4
192	26.0





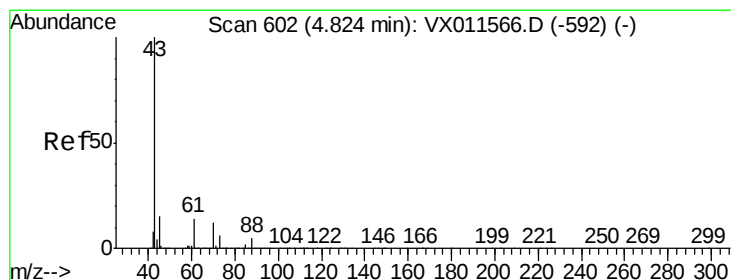
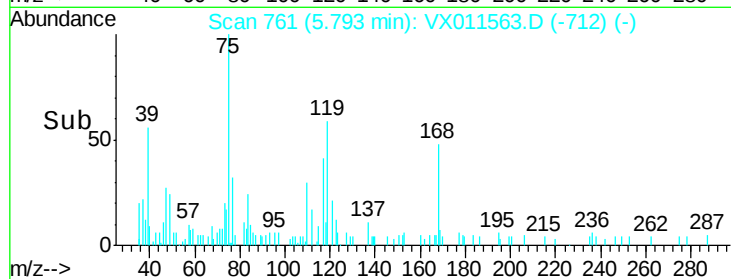
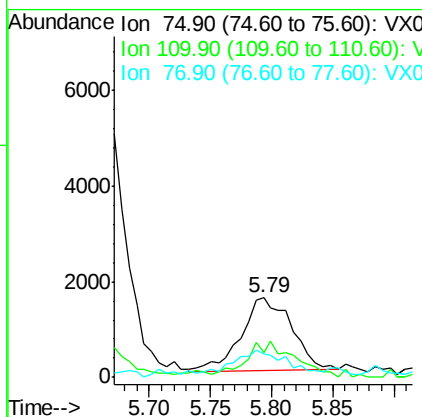
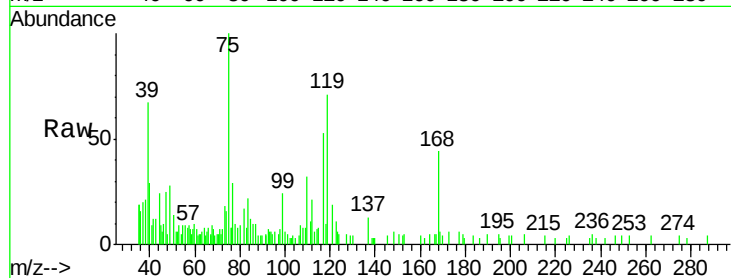
#36
 1,1-Dichloropropene
 Concen: 0.965 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	75	Resp:	4408
Ion	Ratio	Lower	Upper
75	100		
110	46.9	19.4	58.1
77	34.5	25.1	37.7

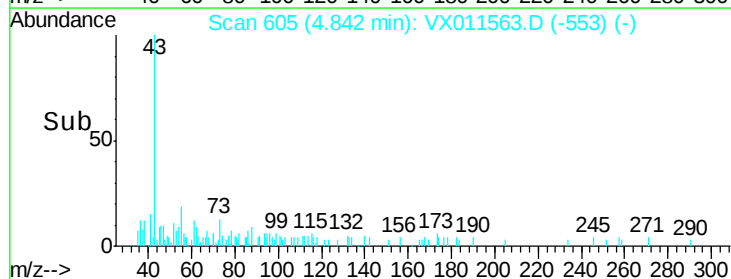
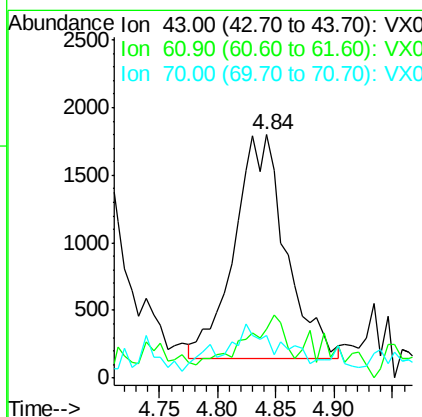
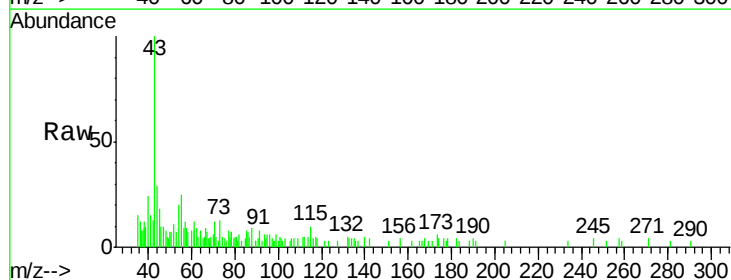
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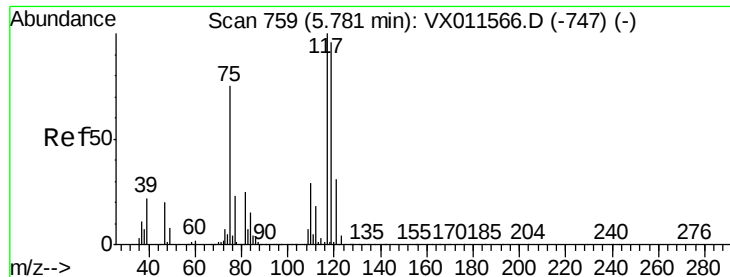
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#37
 Ethyl Acetate
 Concen: 1.069 ug/l
 RT: 4.84 min Scan# 605
 Delta R.T. 0.02 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Tgt Ion:	43	Resp:	5083
Ion	Ratio	Lower	Upper
43	100		
61	16.3	11.4	17.0
70	0.0	9.0	13.6#





#38

Carbon Tetrachloride

Concen: 1.040 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

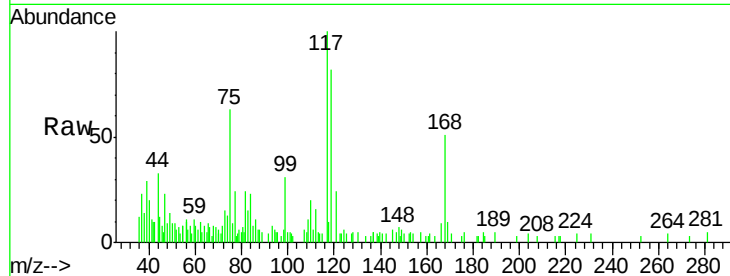
ClientSampled :

VSTDIC001

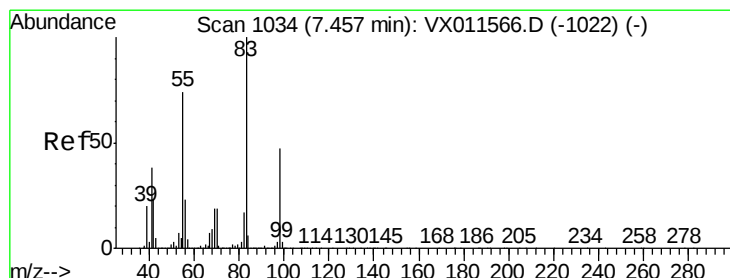
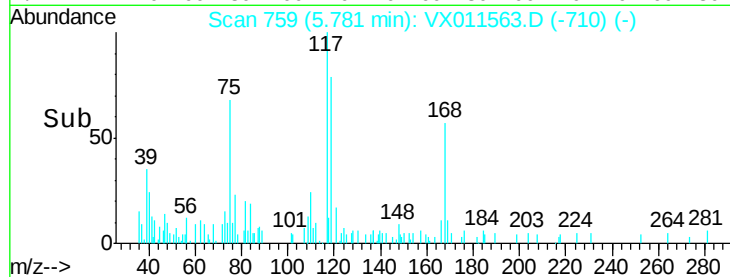
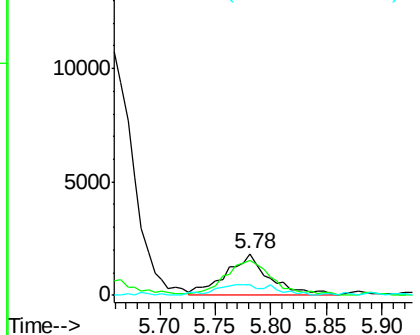
Tot Ion:	117	Resp:	4987
Ion	Ratio	Lower	Upper
117	100		
119	82.4	76.9	115.3
121	24.0	24.8	37.2#

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Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.998 ug/l

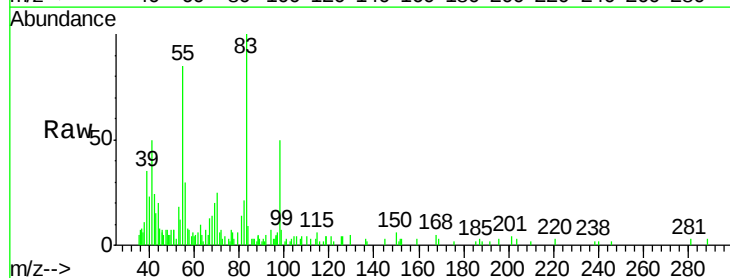
RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

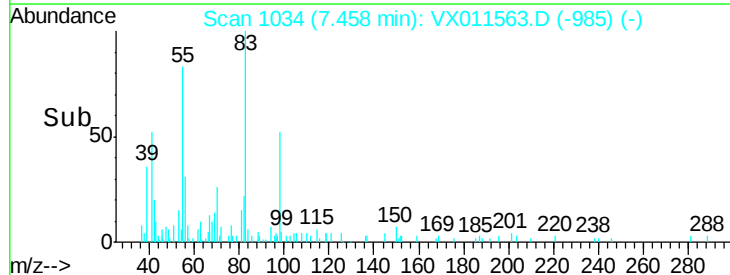
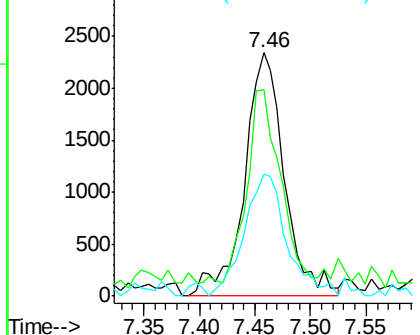
Lab File: VX011563.D

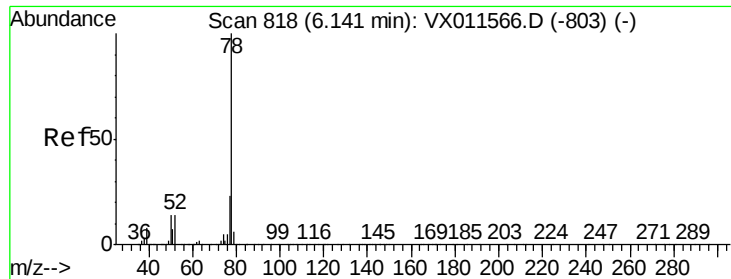
Acq: 15 Aug 2019 17:40

Tgt Ion:	83	Resp:	5859
Ion	Ratio	Lower	Upper
83	100		
55	69.5	58.8	88.2
98	46.7	37.8	56.6



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.016 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 14223

Ion Ratio Lower Upper

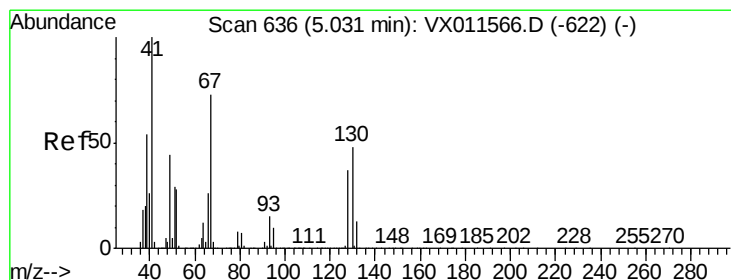
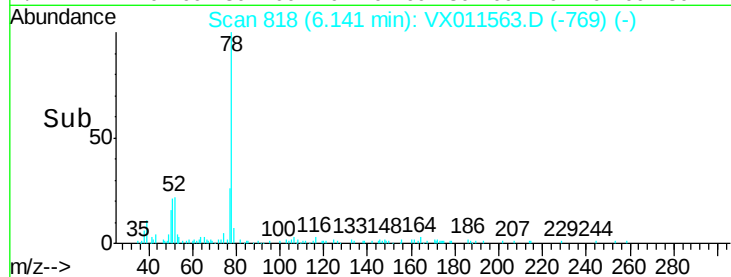
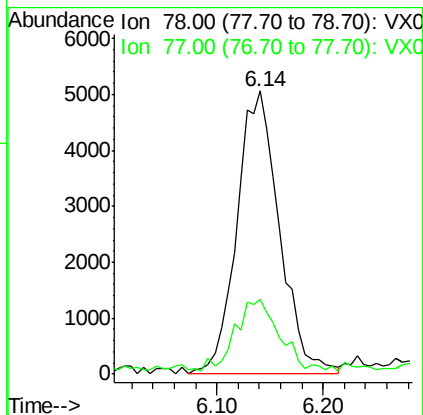
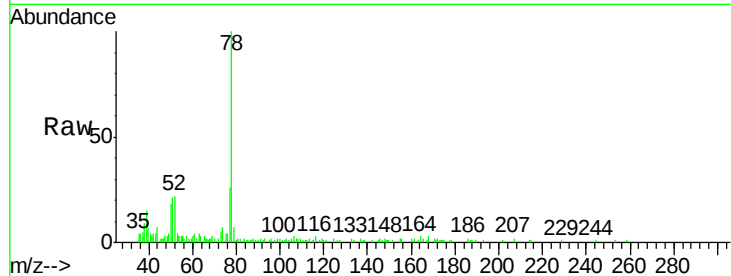
78 100

77 25.0 18.6 28.0

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#41

Methacrylonitrile

Concen: 0.924 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Tgt Ion: 41 Resp: 2524

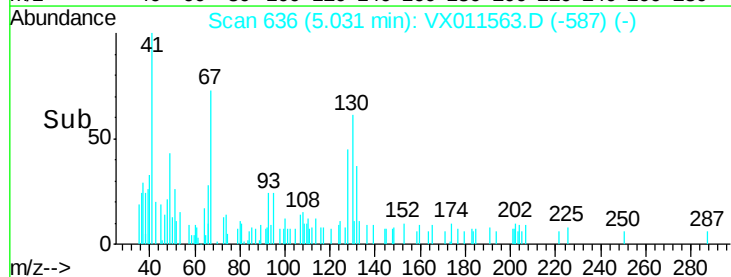
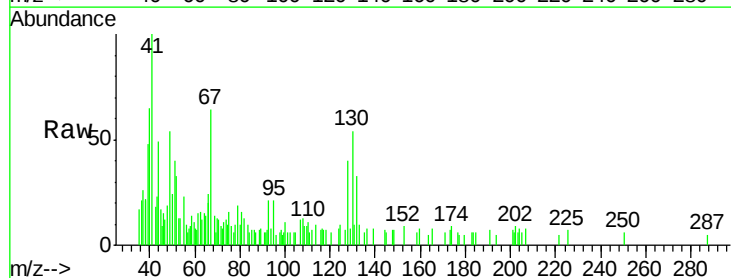
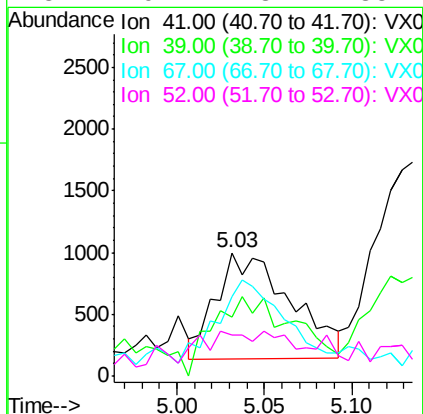
Ion Ratio Lower Upper

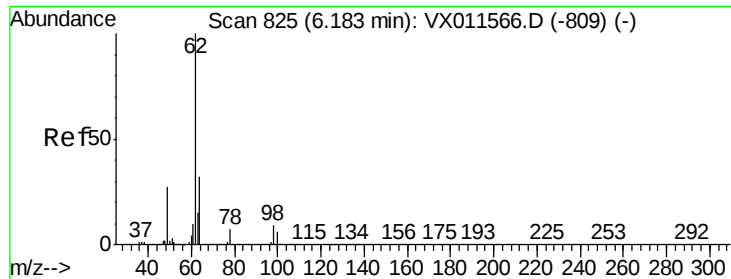
41 100

39 85.9 43.5 65.3#

67 70.2 59.4 89.2

52 19.4 23.4 35.2#





#42

1,2-Dichloroethane

Concen: 0.931 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

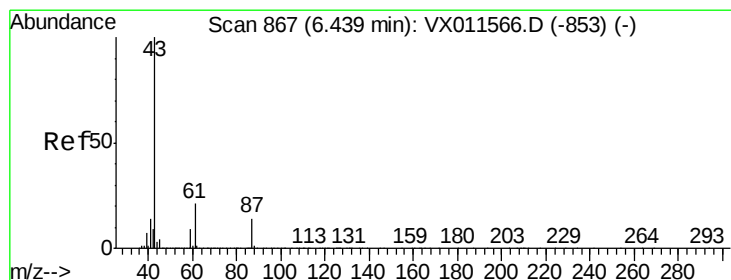
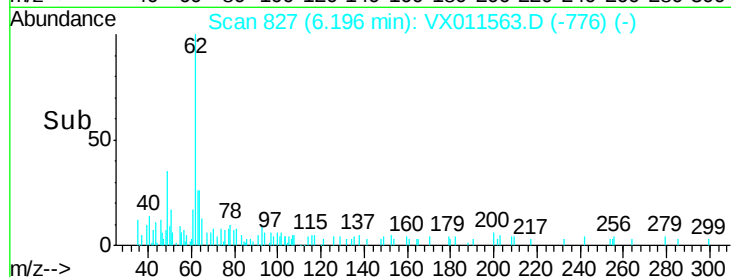
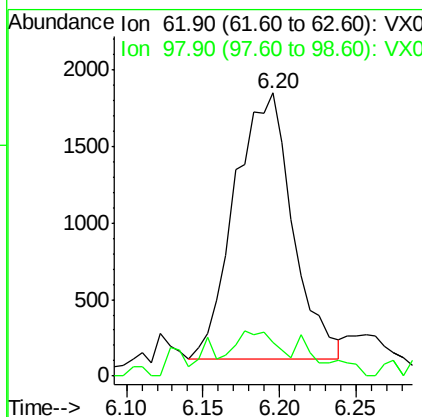
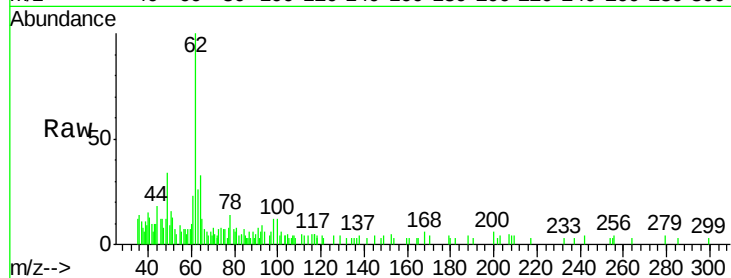
ClientSampleId :

VSTDIC001

Tot Ion:	62	Resp:	4565
Ion Ratio	Lower	Upper	
62	100		
98	7.0	0.0	19.4

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#43

Isopropyl Acetate

Concen: 1.055 ug/l

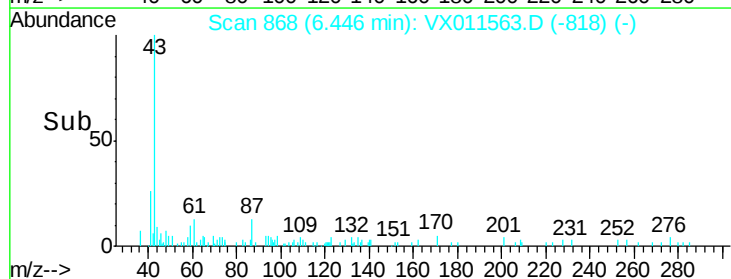
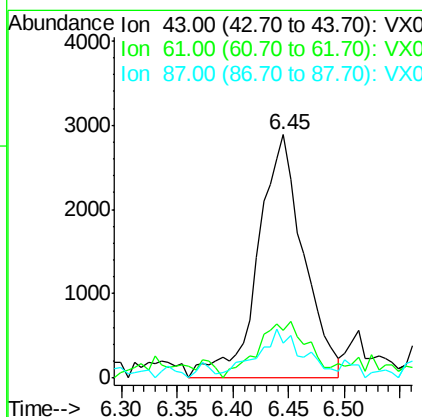
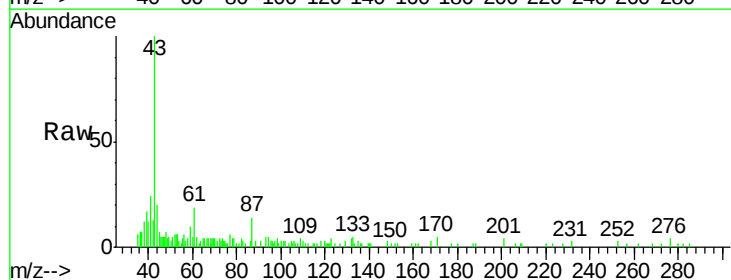
RT: 6.45 min Scan# 868

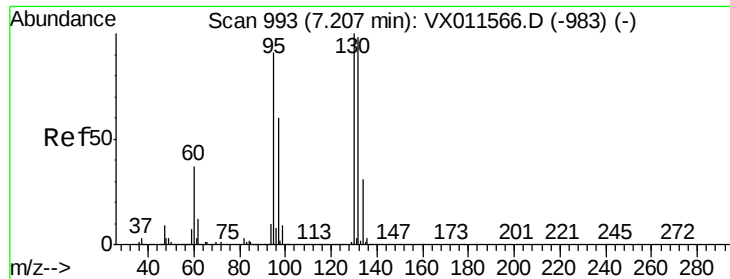
Delta R.T. 0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Tgt Ion:	43	Resp:	8203
Ion Ratio	Lower	Upper	
43	100		
61	25.5	16.6	24.8#
87	16.4	11.4	17.2





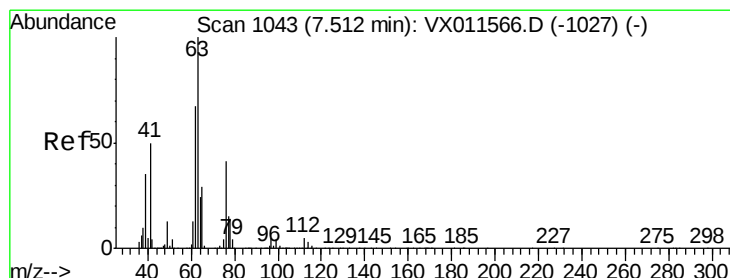
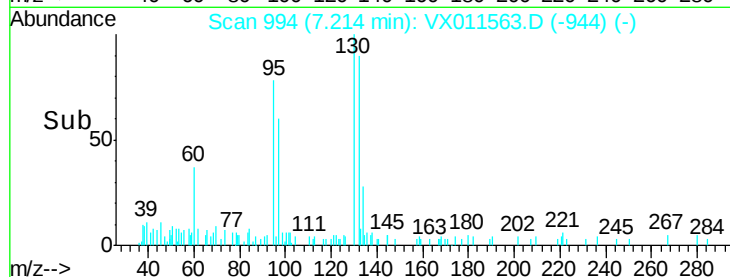
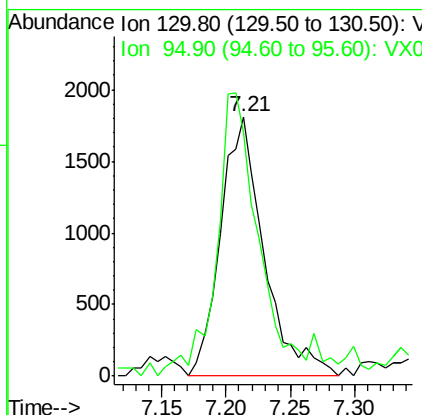
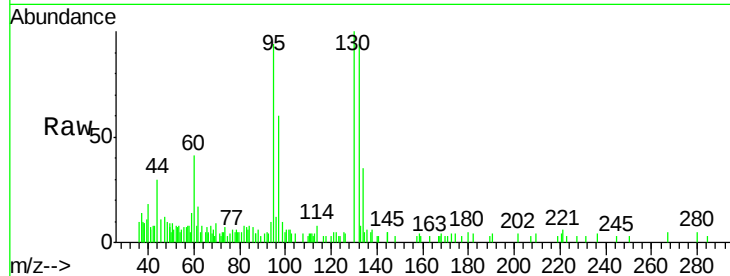
#44
 Trichloroethene
 Concen: 1.026 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
130	100	4256		
95	89.9	0.0	181.4	

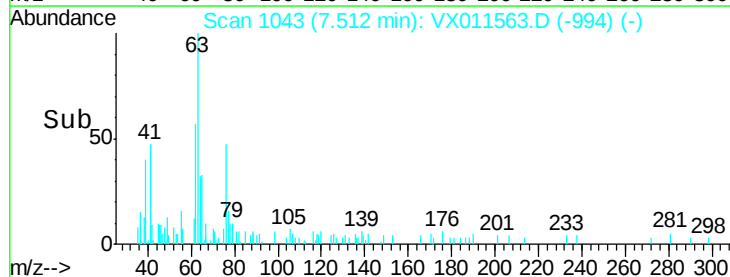
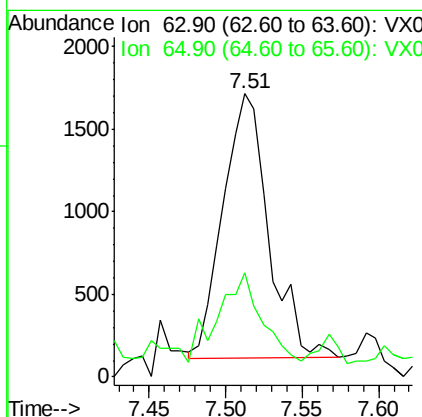
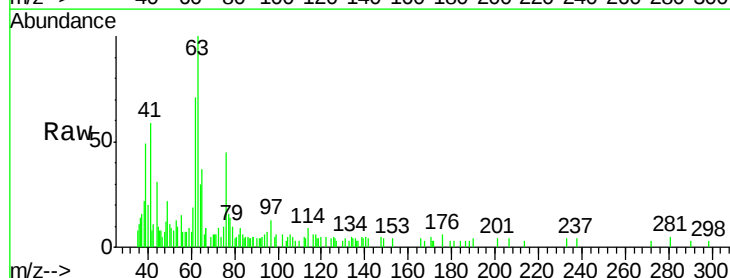
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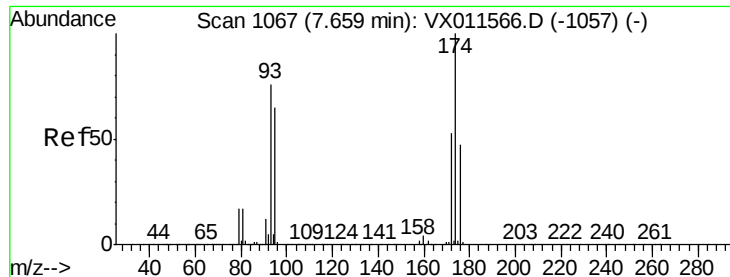
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#45
 1,2-Dichloropropane
 Concen: 0.927 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	3314		
65	34.1	23.4	35.2	





#46

Dibromomethane

Concen: 1.193 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

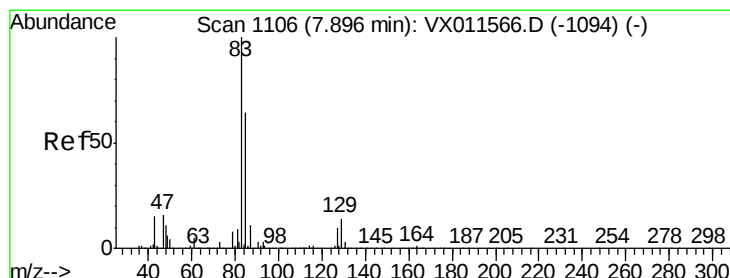
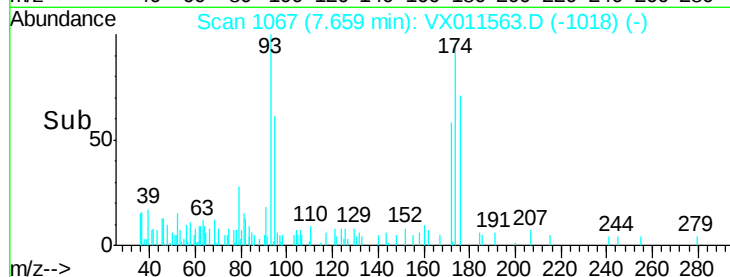
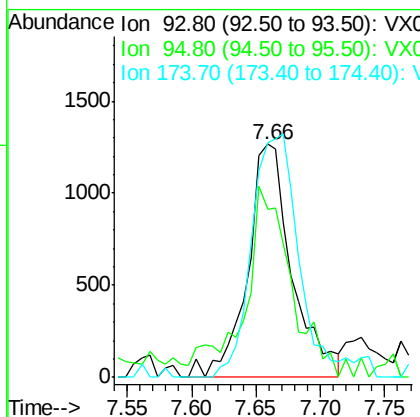
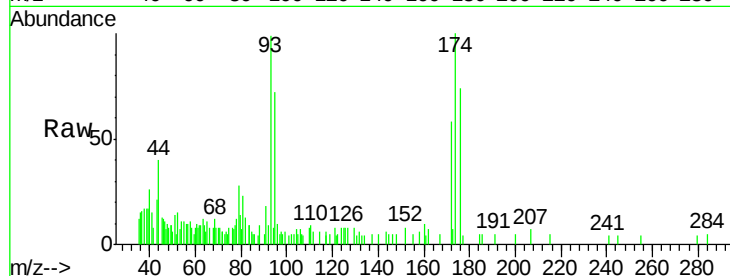
ClientSampleId :

VSTDIC001

Tot Ion:	93	Resp:	3020
Ion	Ratio	Lower	Upper
93	100		
95	85.1	67.2	100.8
174	108.9	105.5	158.3

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#47

Bromodichloromethane

Concen: 1.052 ug/l

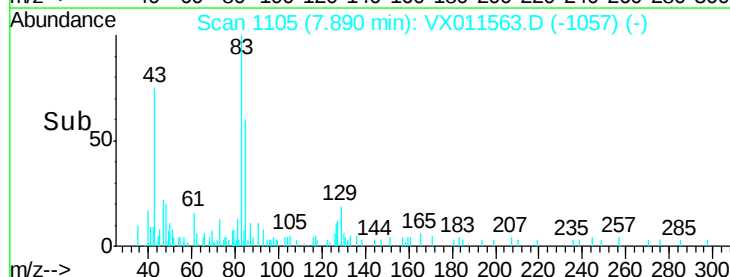
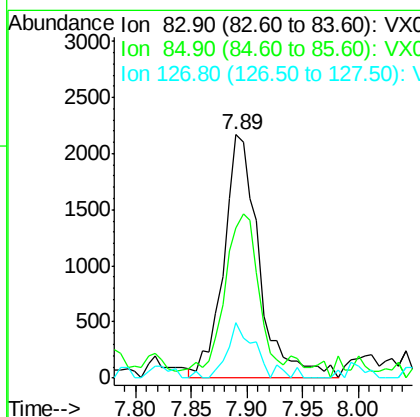
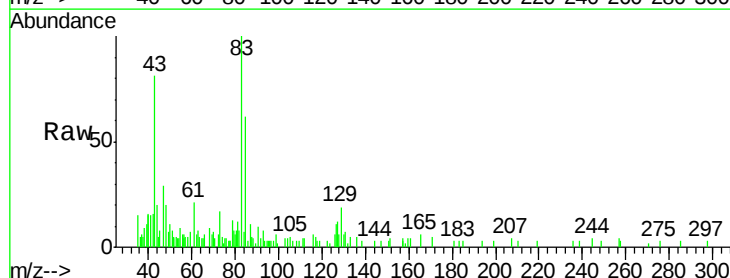
RT: 7.89 min Scan# 1105

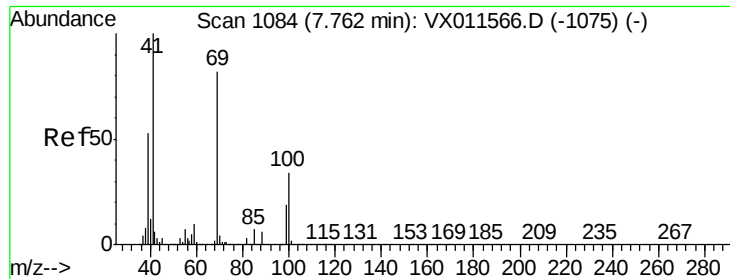
Delta R.T. -0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Tgt Ion:	83	Resp:	4792
Ion	Ratio	Lower	Upper
83	100		
85	58.2	51.2	76.8
127	22.5	8.1	12.1#





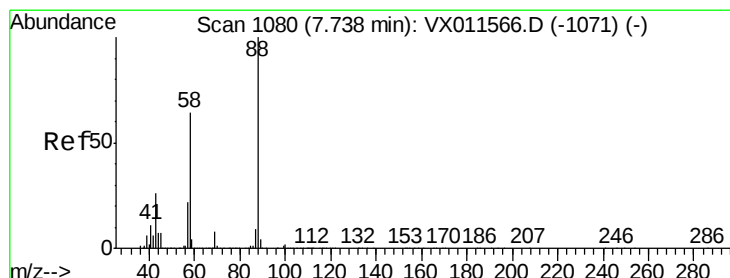
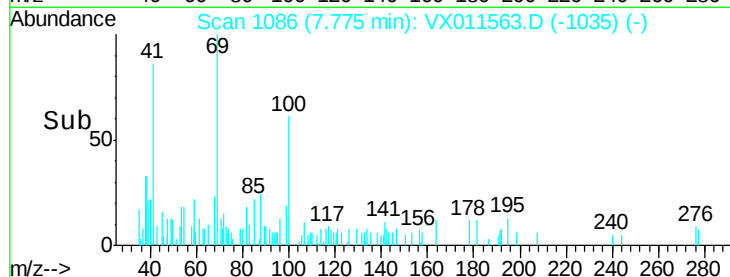
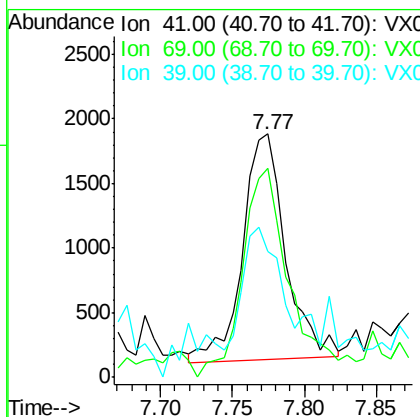
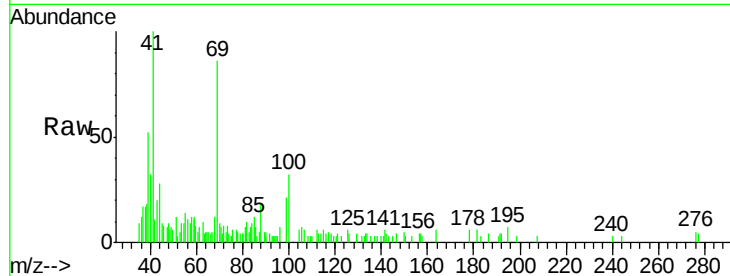
#48
Methvl methacrylate
Concen: 0.938 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
69	103.1	67.9	101.9#	
39	49.9	41.6	62.4	

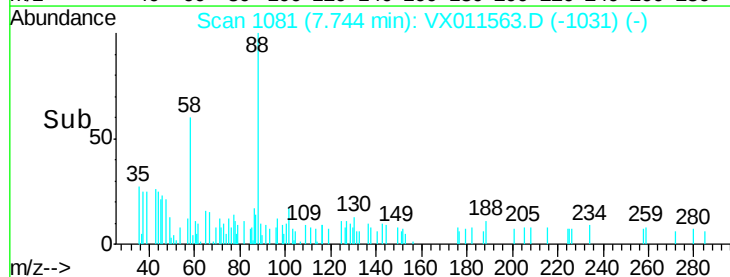
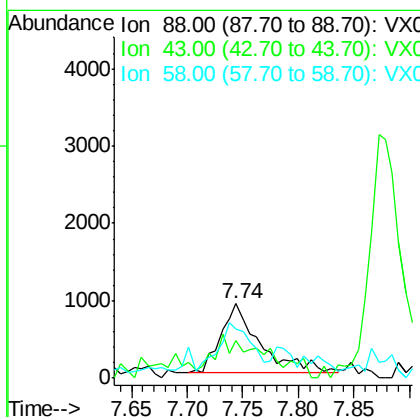
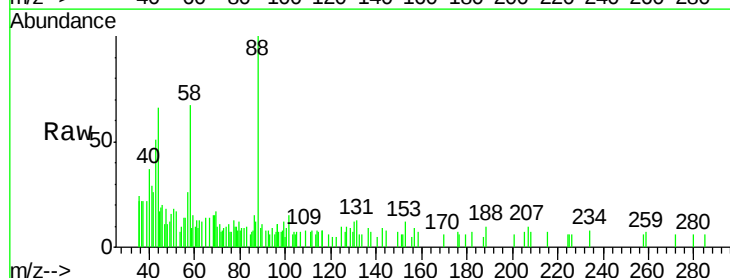
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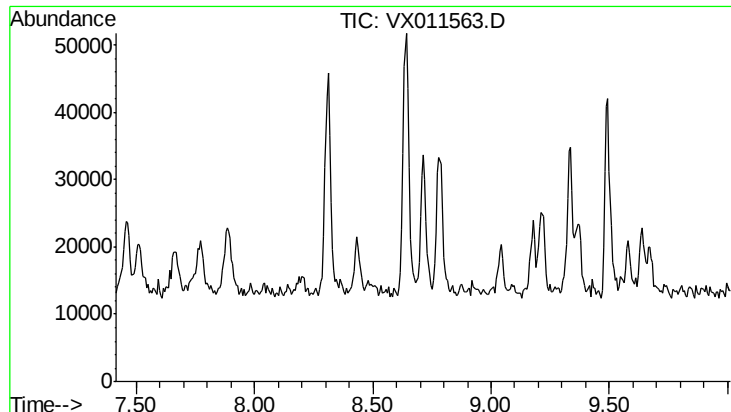
MMDadoda
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#49
1,4-Dioxane
Concen: 21.015 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
88	100			
43	70.0	23.4	35.0#	
58	57.3	54.3	81.5	





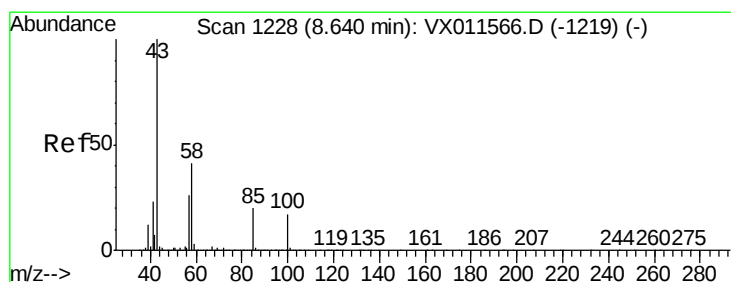
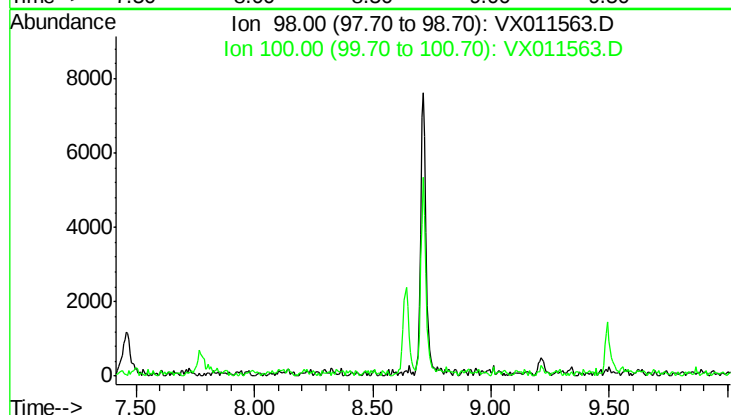
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

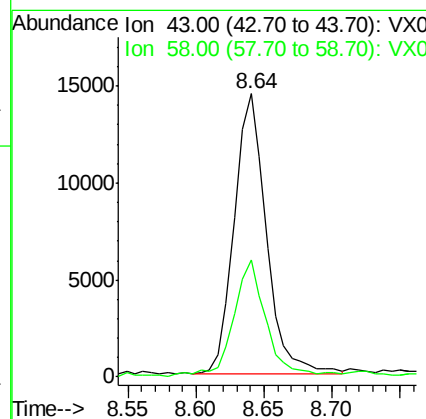
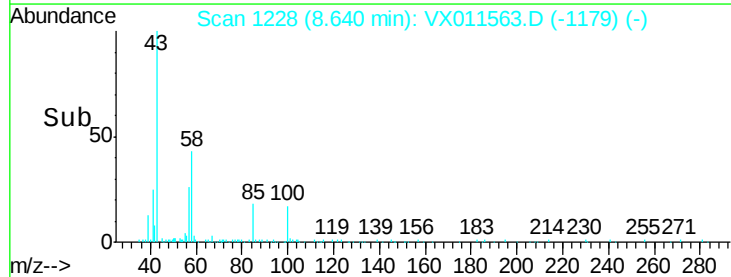
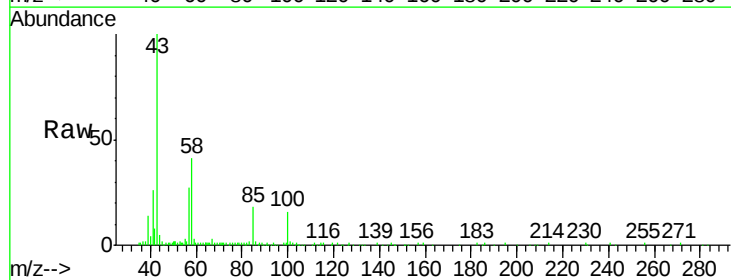
Manual Integrations
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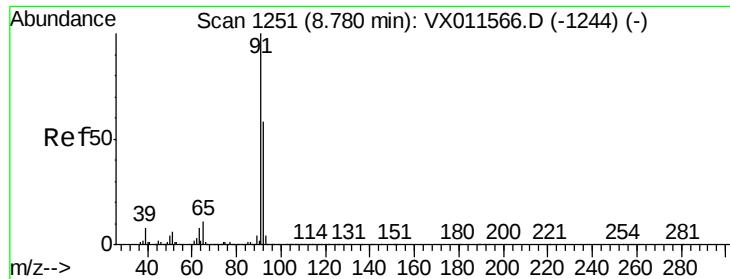
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.729 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Tgt Ion: 43 Resp: 23933
Ion Ratio Lower Upper
43 100
58 43.1 31.8 47.6





#52

Toluene

Concen: 0.998 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 9140

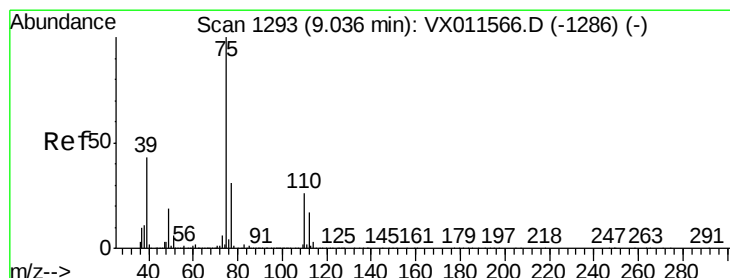
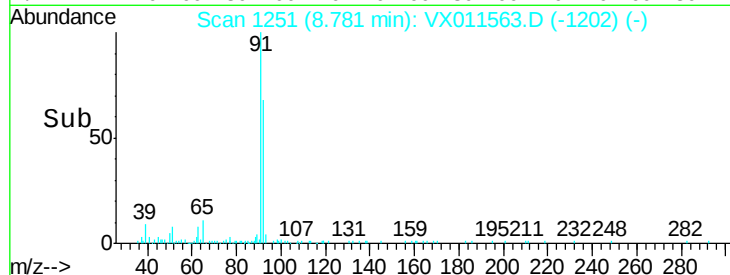
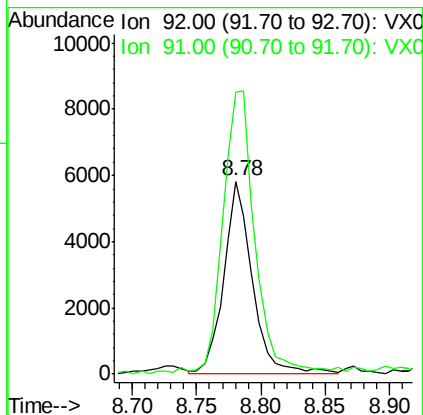
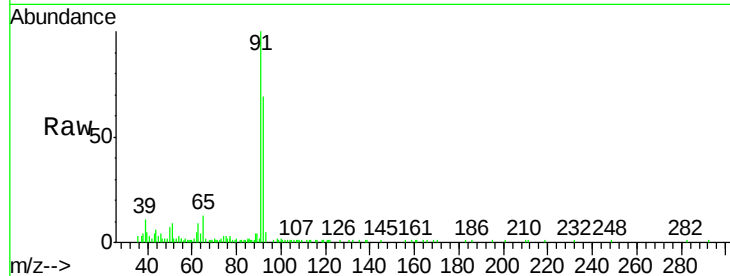
Ion Ratio Lower Upper

92 100

91 165.9 138.0 207.0

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#53

t-1,3-Dichloropropene

Concen: 0.857 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011563.D

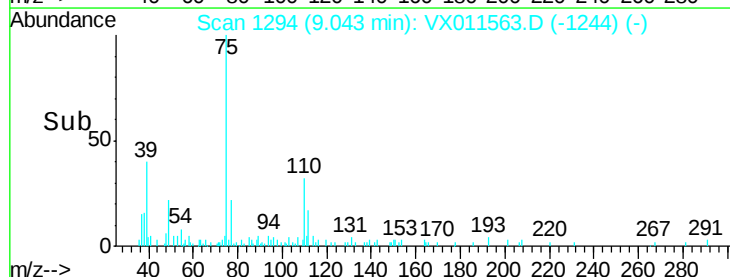
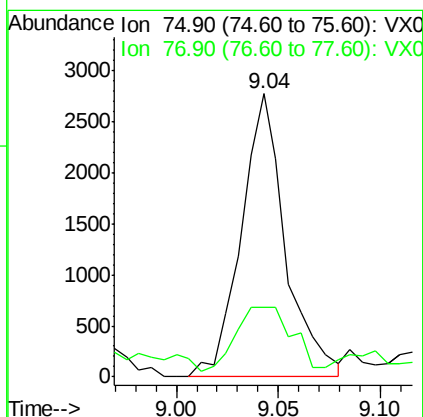
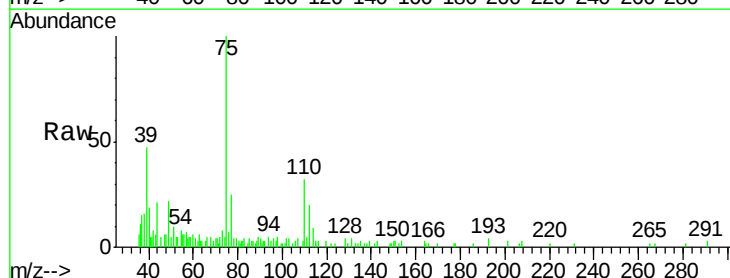
Acq: 15 Aug 2019 17:40

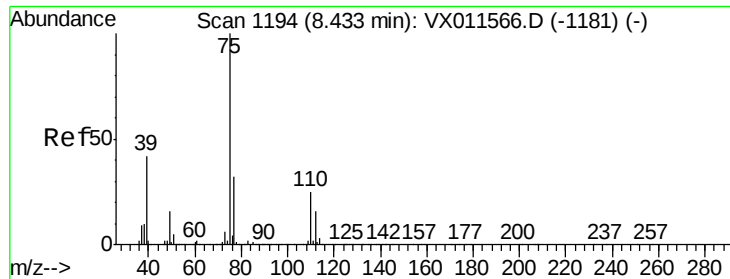
Tgt Ion: 75 Resp: 4181

Ion Ratio Lower Upper

75 100

77 18.7 25.1 37.7#





#54

cis-1,3-Dichloropropene

Concen: 0.820 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

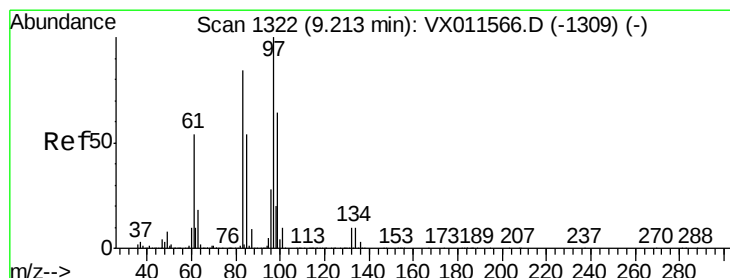
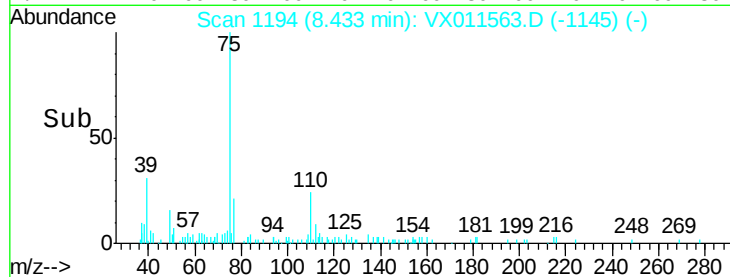
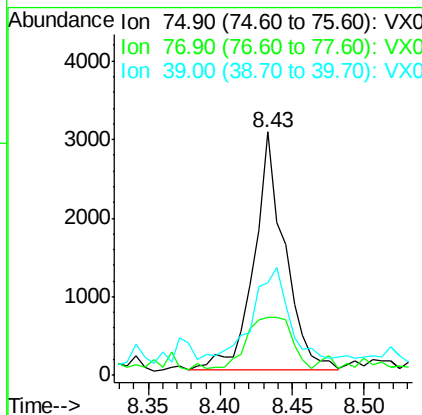
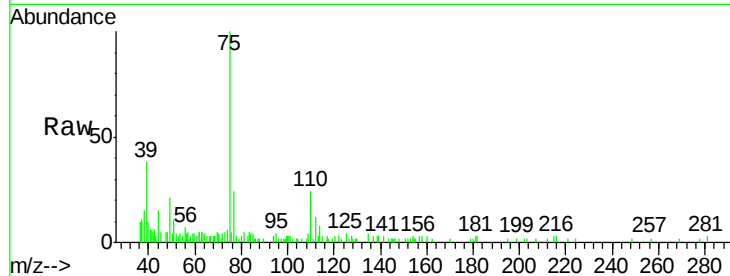
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	4441
Ion	Ratio	Lower	Upper
75	100		
77	22.1	25.5	38.3#
39	31.3	33.6	50.4#

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 1.067 ug/l

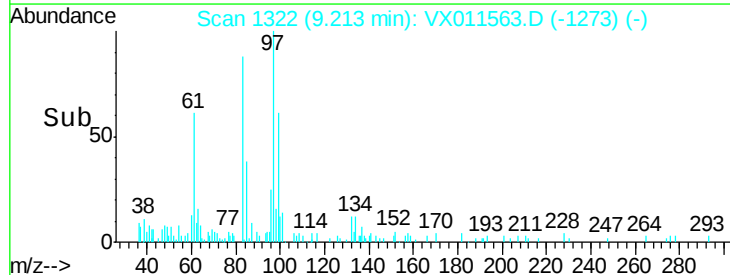
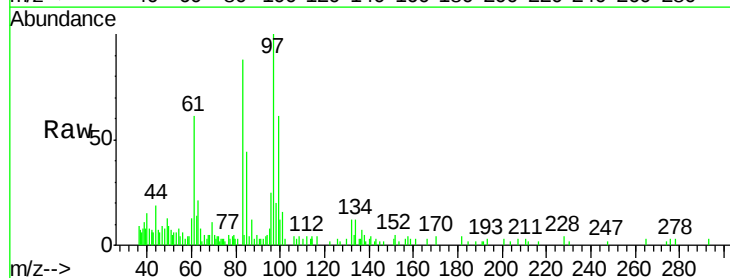
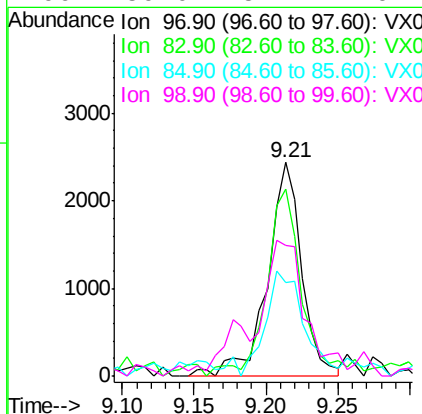
RT: 9.21 min Scan# 1322

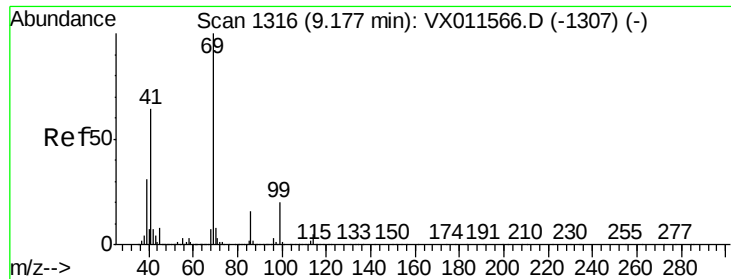
Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Tgt Ion:	97	Resp:	4036
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.4	101.0
85	40.1	43.4	65.2#
99	59.0	51.1	76.7





#56

Ethyl methacrylate

Concen: 0.796 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

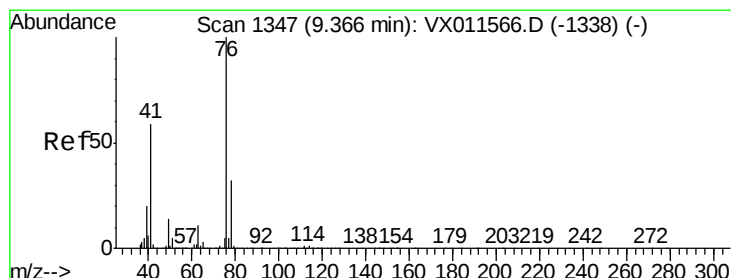
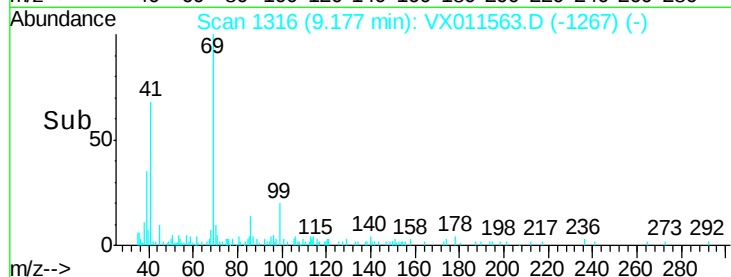
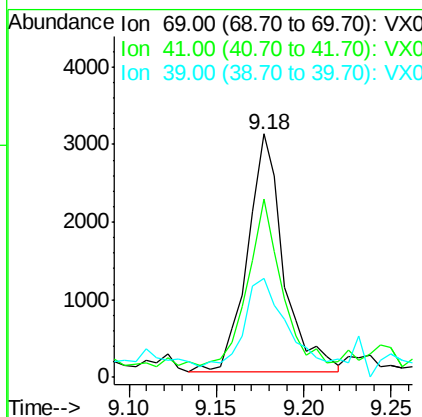
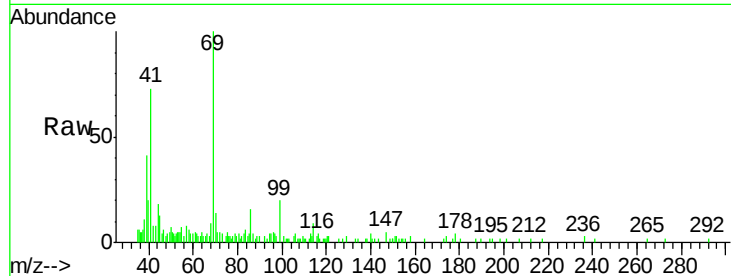
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	4413
Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.1	78.1
39	40.6	25.4	38.0#

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#57

1,3-Dichloropropane

Concen: 1.030 ug/l

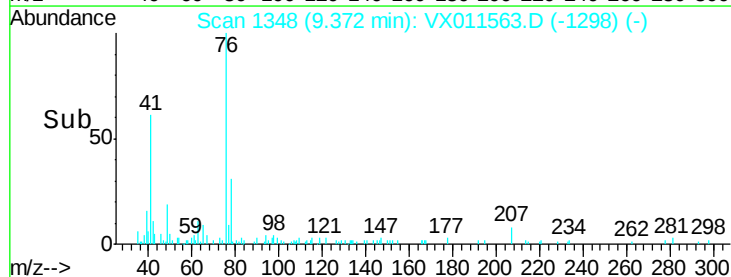
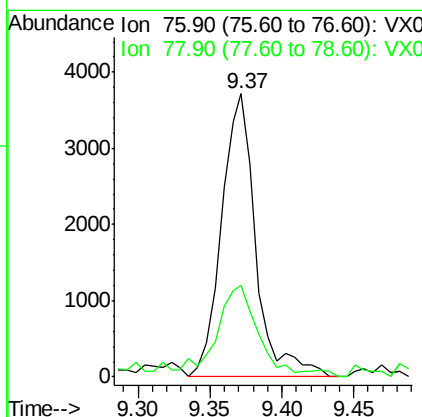
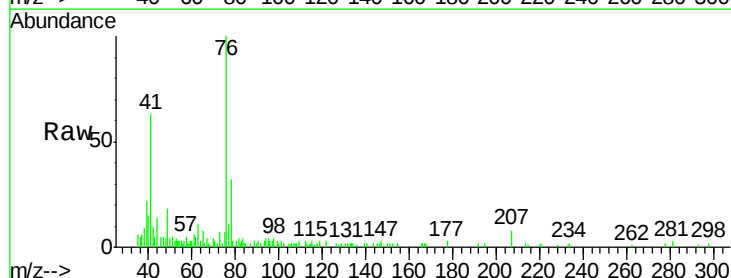
RT: 9.37 min Scan# 1348

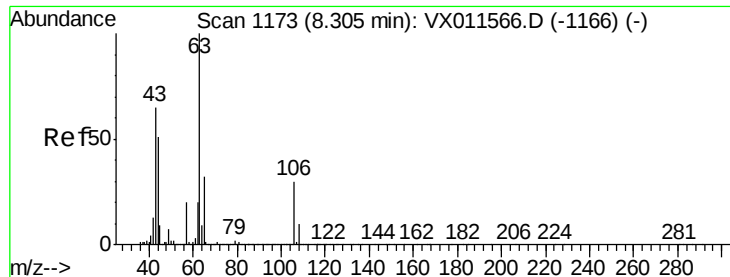
Delta R.T. 0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Tgt Ion:	76	Resp:	6199
Ion	Ratio	Lower	Upper
76	100		
78	33.4	26.2	39.4





#58

2-Chloroethyl Vinyl ether

Concen: 4.929 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 13140

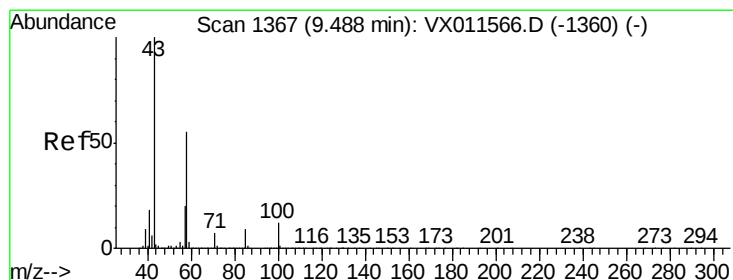
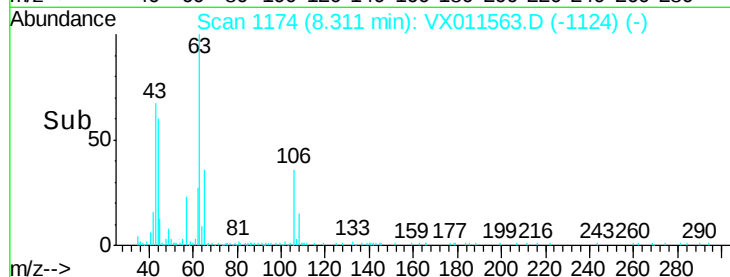
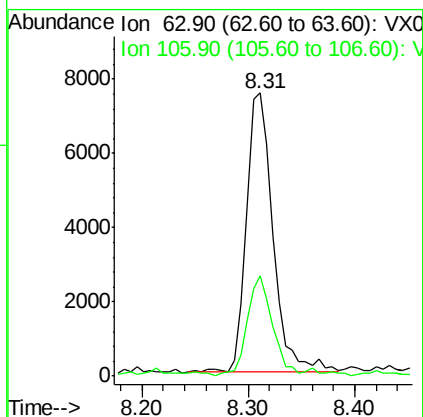
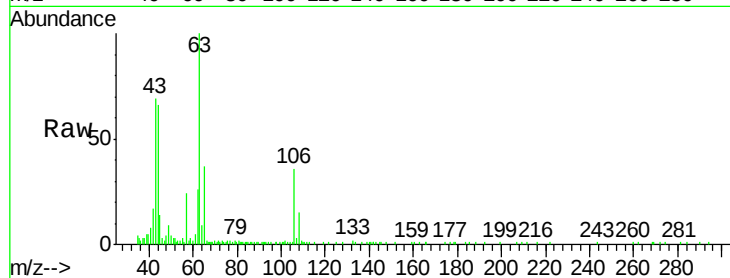
Ion Ratio Lower Upper

63 100

106 34.7 24.7 37.1

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#59

2-Hexanone

Concen: 4.563 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX011563.D

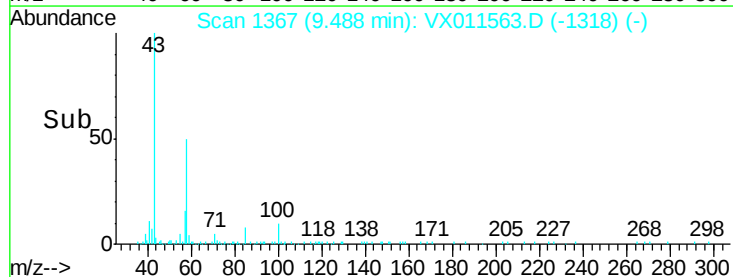
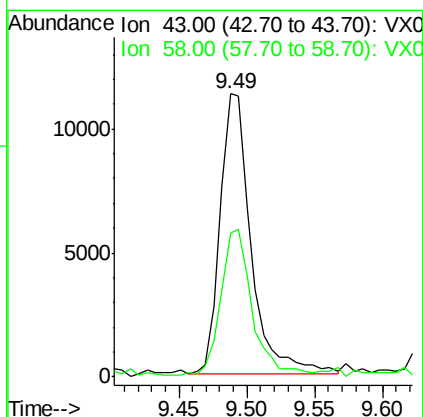
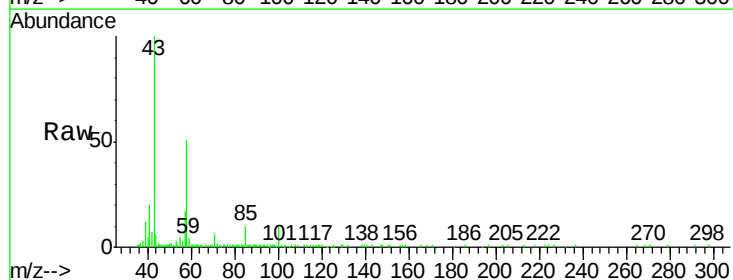
Acq: 15 Aug 2019 17:40

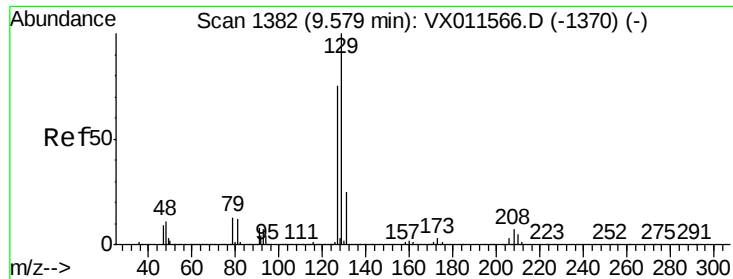
Tgt Ion: 43 Resp: 17854

Ion Ratio Lower Upper

43 100

58 51.8 27.5 82.4





#60

Dibromochloromethane

Concen: 0.816 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3159

Ion Ratio Lower Upper

129 100

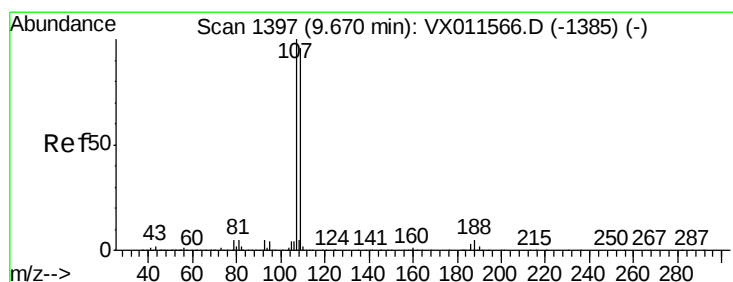
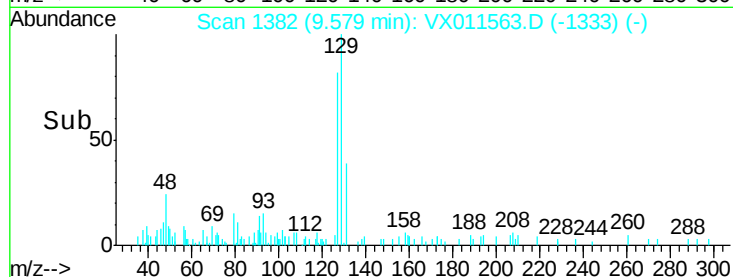
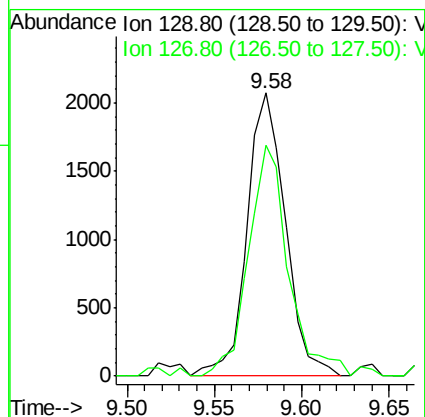
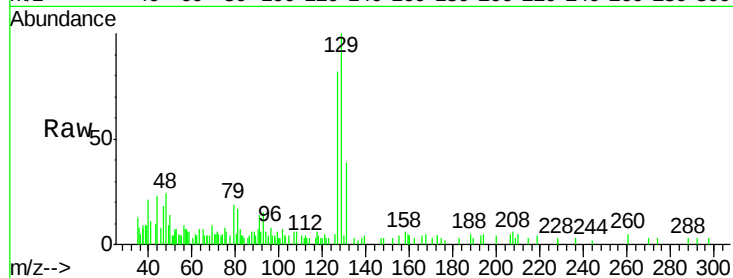
127 86.5 38.0 114.1

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#61

1,2-Dibromoethane

Concen: 0.992 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011563.D

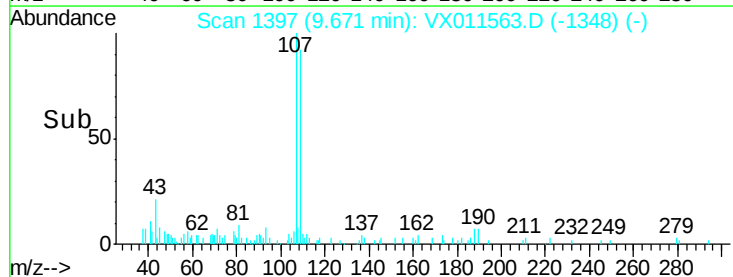
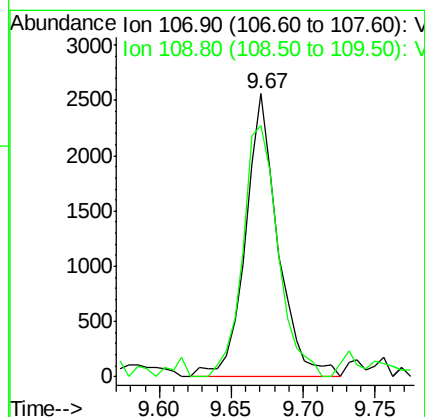
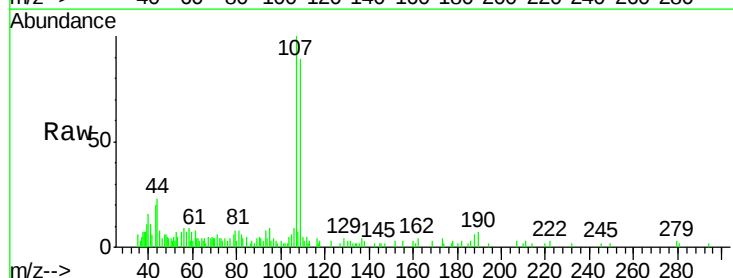
Acq: 15 Aug 2019 17:40

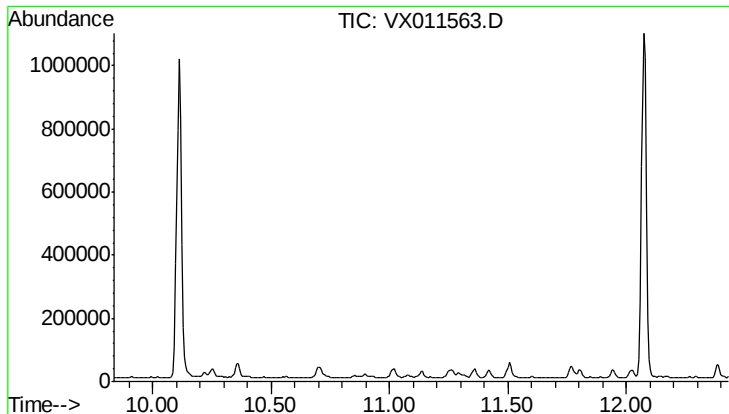
Tgt Ion:107 Resp: 3989

Ion Ratio Lower Upper

107 100

109 96.5 76.2 114.2





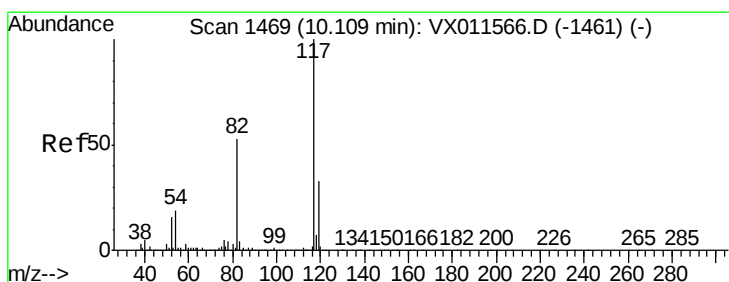
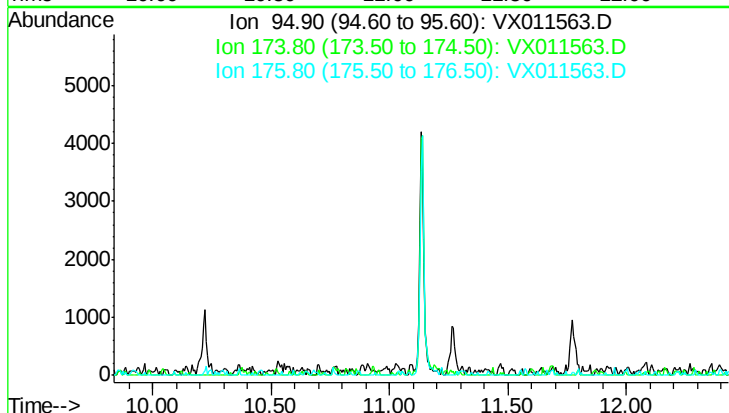
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.13 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	100.3
176	98.3

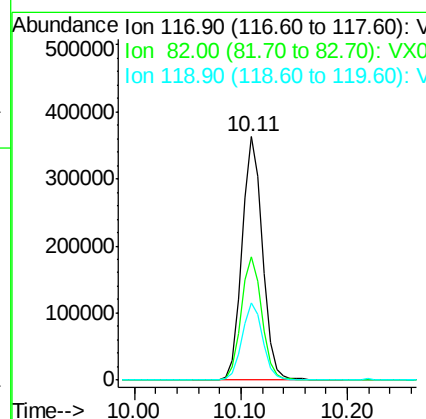
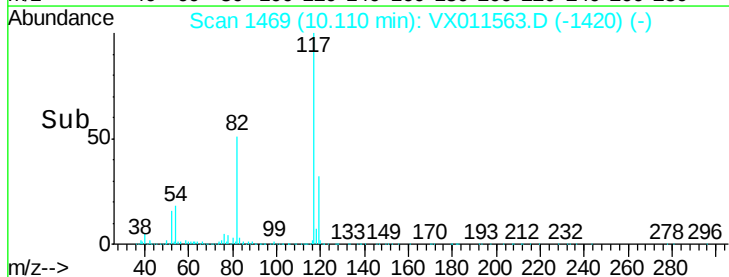
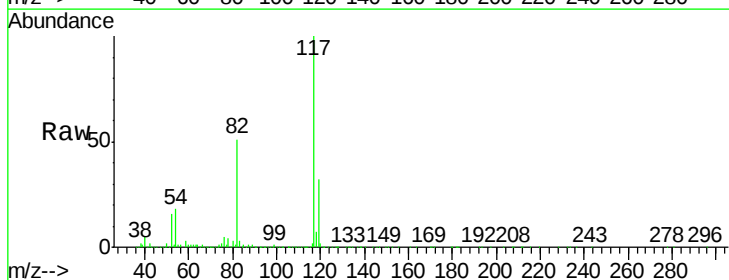
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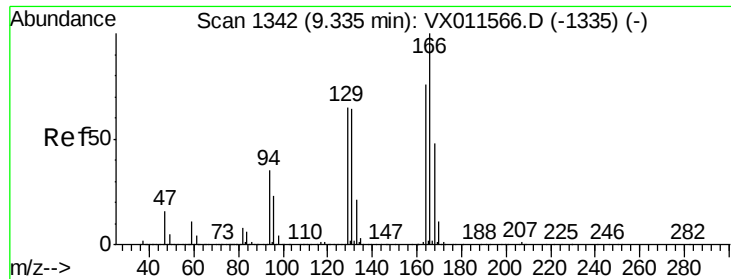
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Tgt Ion	117	Resp:	490651
Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.0	63.0
119	31.9	26.5	39.7





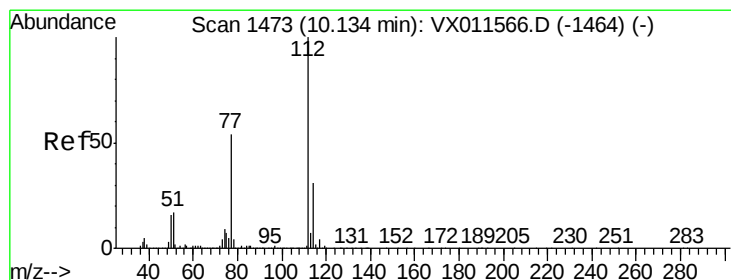
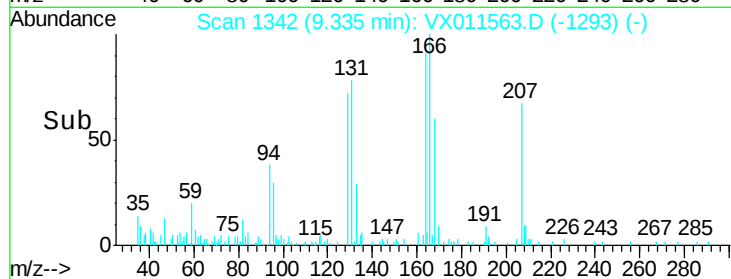
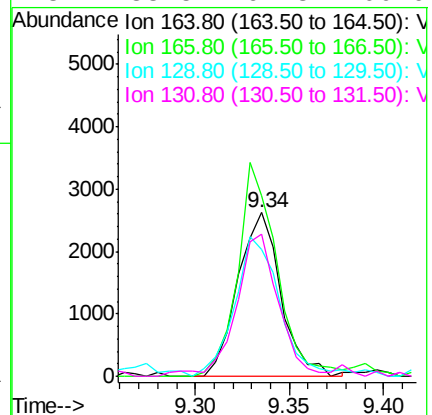
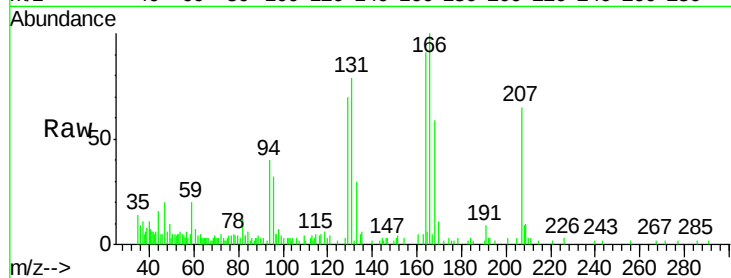
#64
Tetrachloroethene
Concen: 1.062 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	109.9	104.7	157.1
129	77.1	68.2	102.4
131	83.5	67.3	100.9

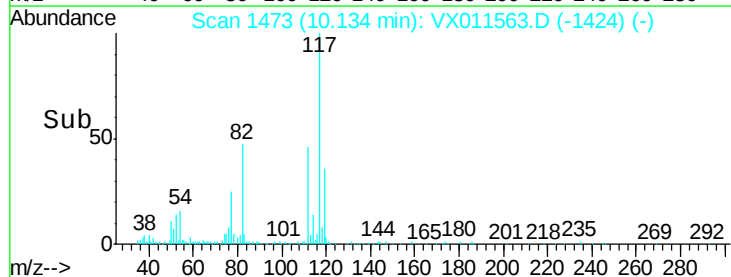
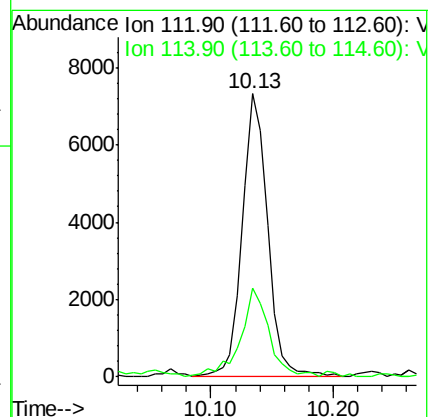
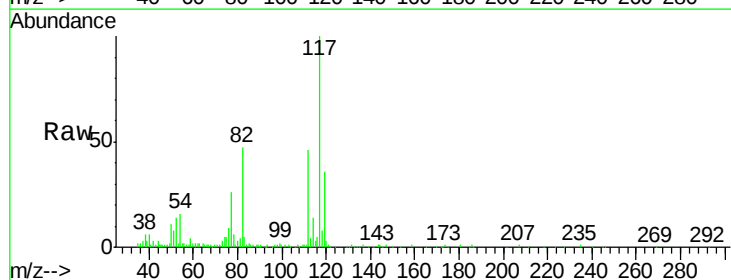
Manual Integrations
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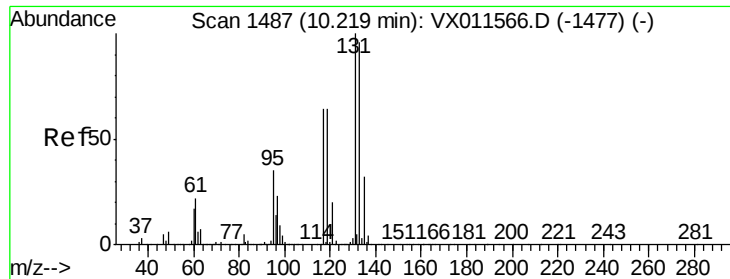
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#65
Chlorobenzene
Concen: 1.031 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	37.6





#66

1,1,1,2-Tetrachloroethane

Concen: 0.998 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

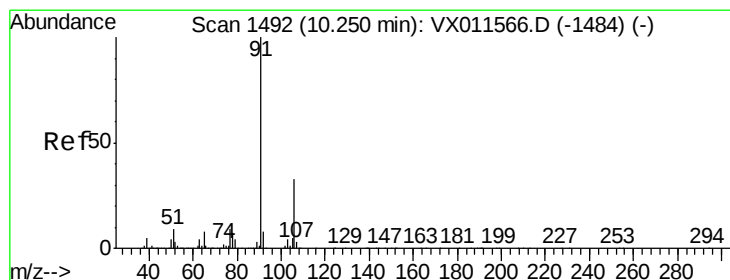
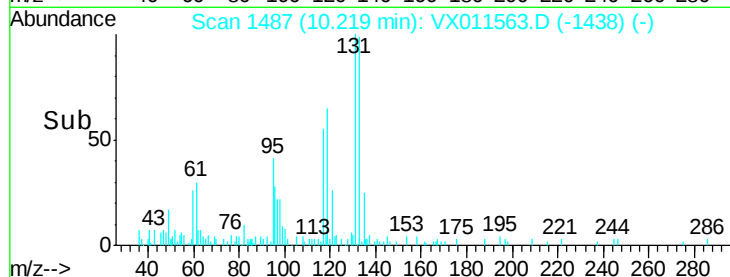
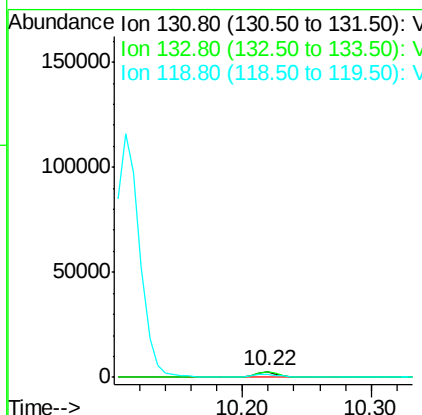
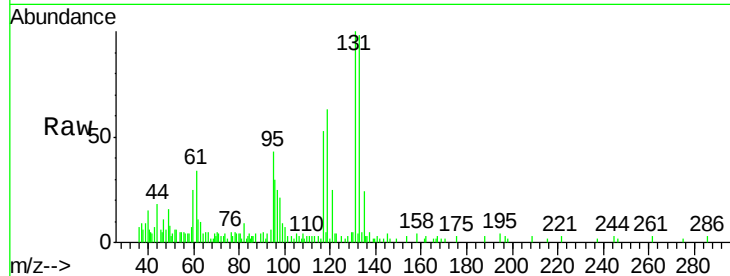
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	48.1	144.4
119	0.0	31.3	93.8#

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#67

Ethyl Benzene

Concen: 0.944 ug/l

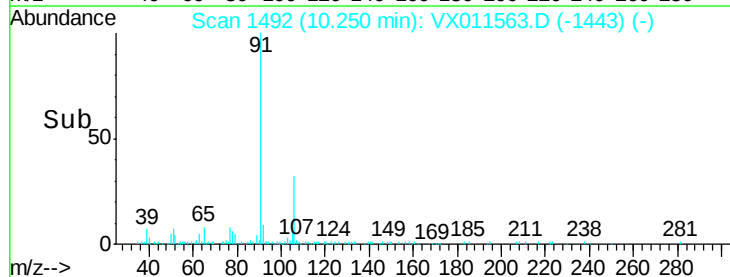
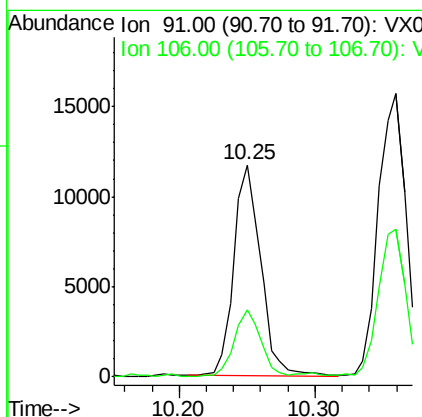
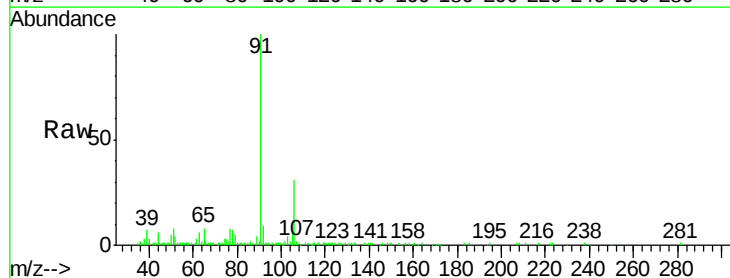
RT: 10.25 min Scan# 1492

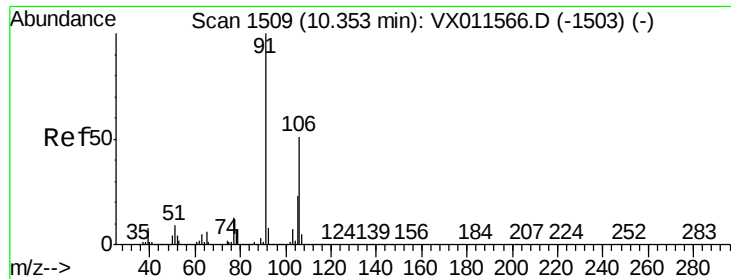
Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	26.0	39.0





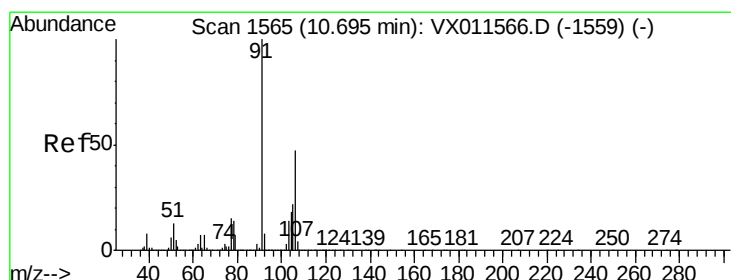
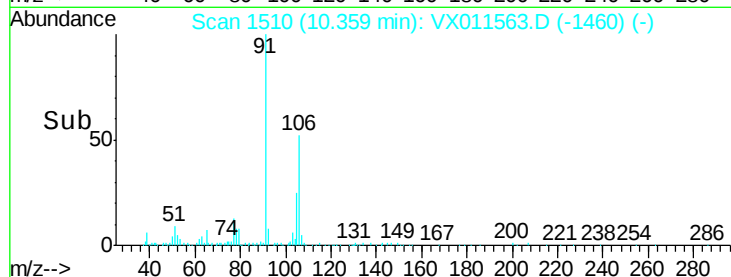
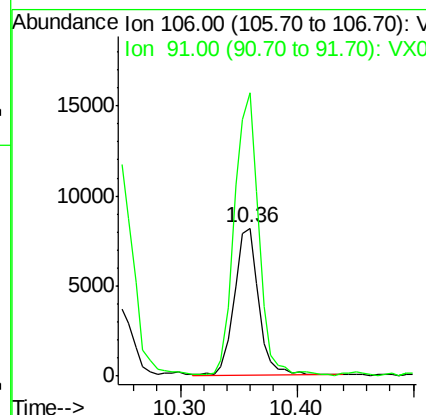
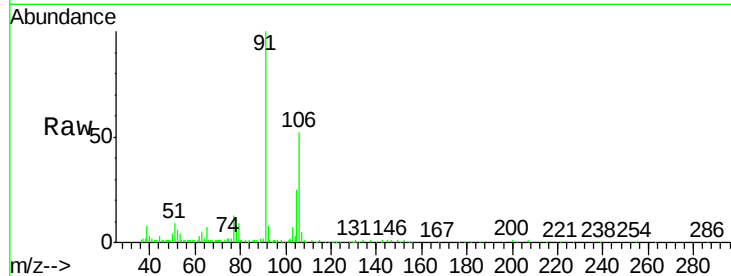
#68
m/p-Xylenes
Concen: 1.789 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 11888
Ion Ratio Lower Upper
106 100
91 193.9 156.0 234.0

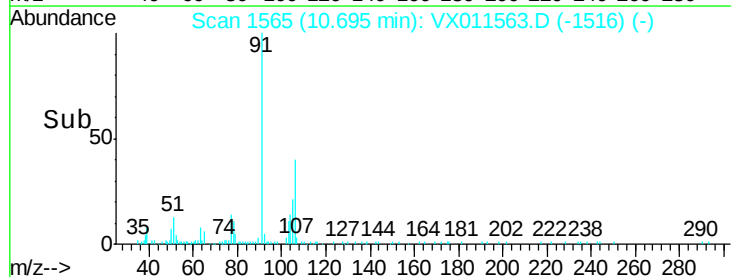
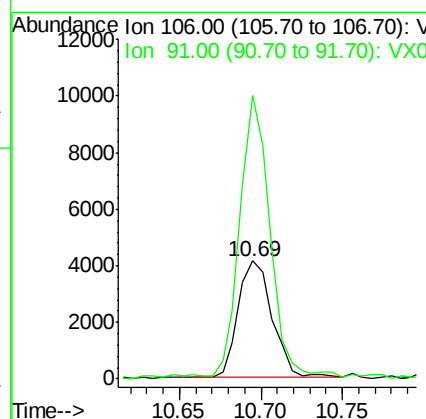
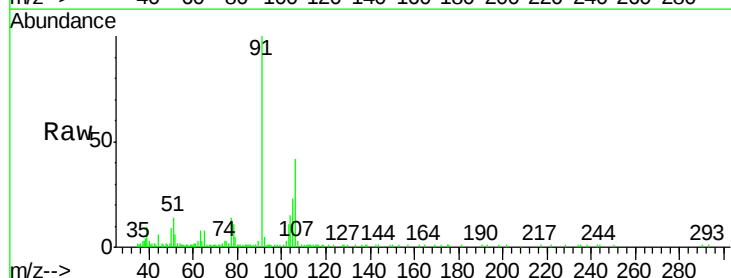
Manual Integrations
APPROVED

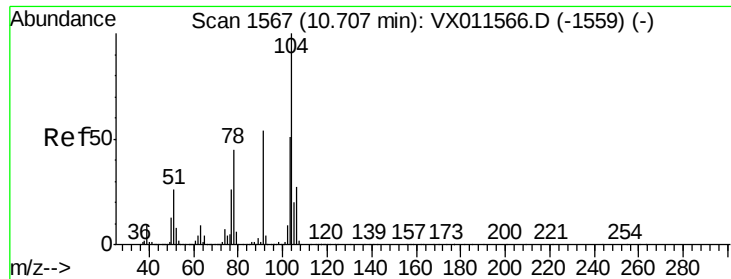
MMDadoda
8/16/2019 8:27:47 AM



#69
o-Xylene
Concen: 0.926 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Tgt Ion:106 Resp: 5986
Ion Ratio Lower Upper
106 100
91 210.0 105.5 316.4





#70

Stvrene

Concen: 0.858 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

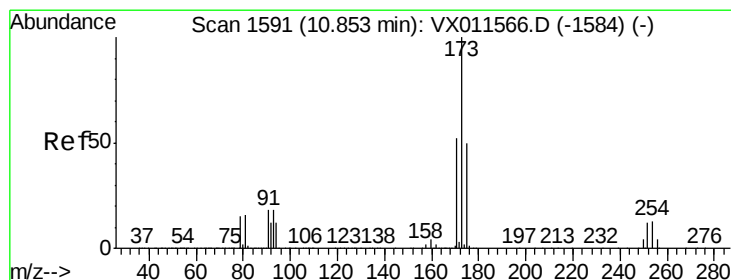
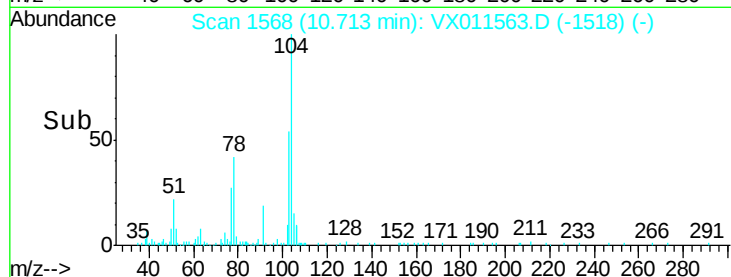
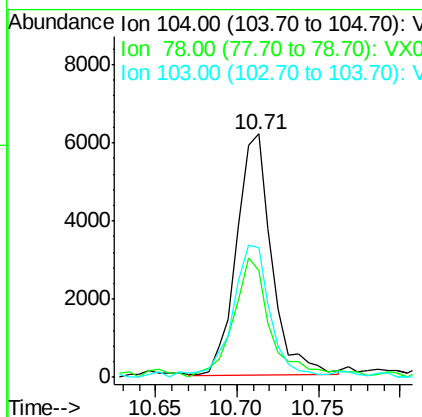
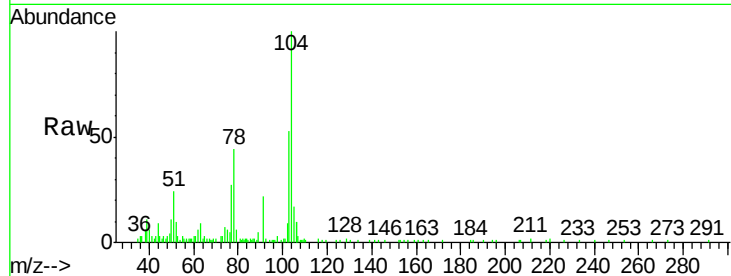
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	9271
Ion	Ratio	Lower	Upper
104	100		
78	53.7	38.2	57.4
103	58.9	43.6	65.4

Manual Integrations
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#71

Bromoform

Concen: 0.863 ug/l

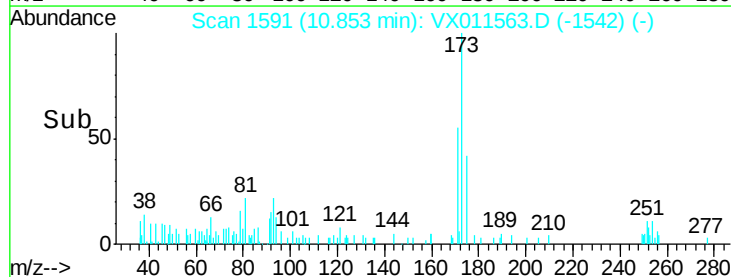
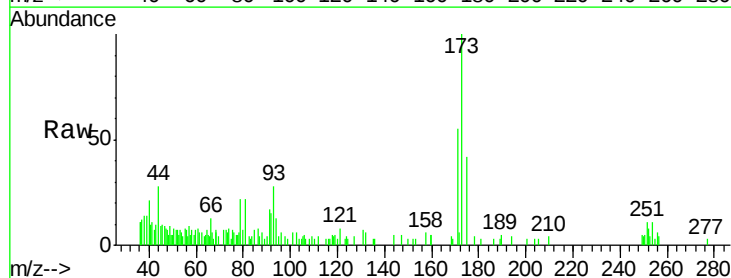
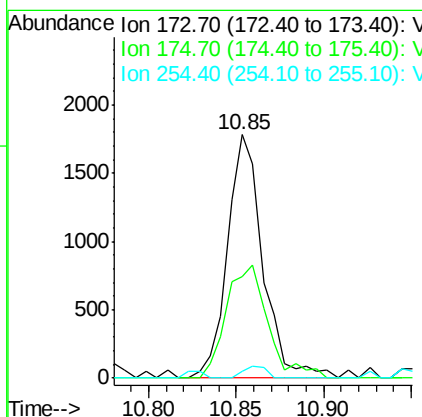
RT: 10.85 min Scan# 1591

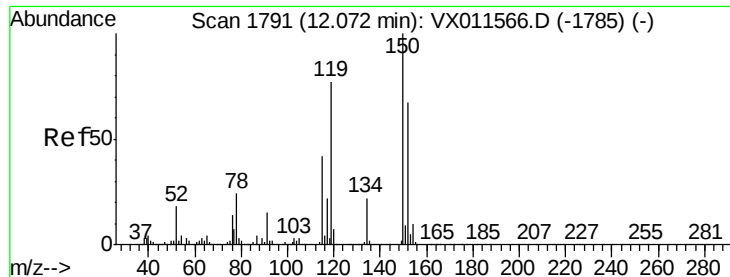
Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Tgt Ion:	173	Resp:	2516
Ion	Ratio	Lower	Upper
173	100		
175	54.5	24.9	74.7
254	3.2	0.1	0.1#





#72

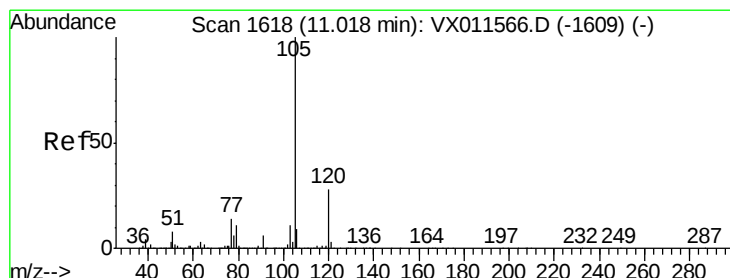
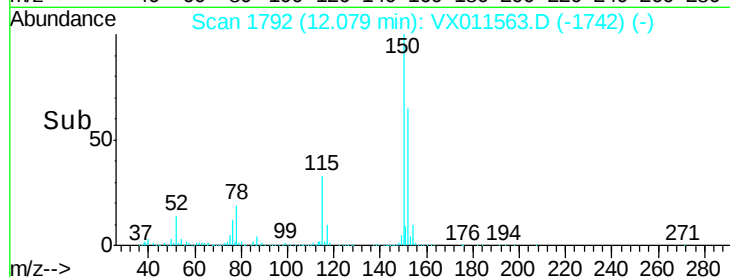
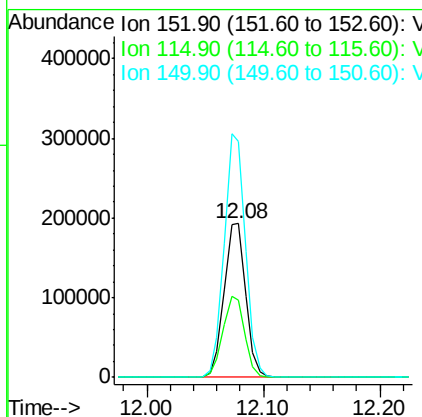
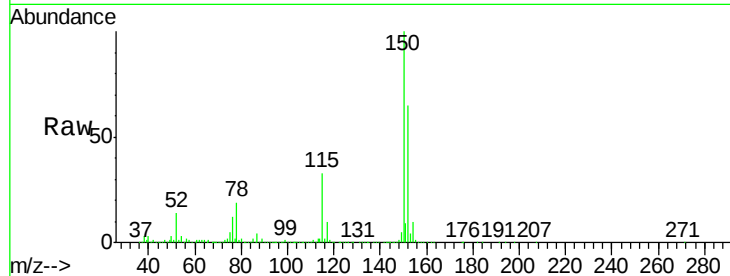
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	247013		
115	53.4	37.3	111.9	
150	155.9	0.0	346.2	

Manual Integrations
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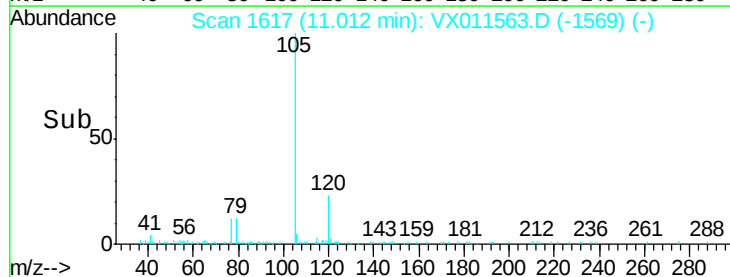
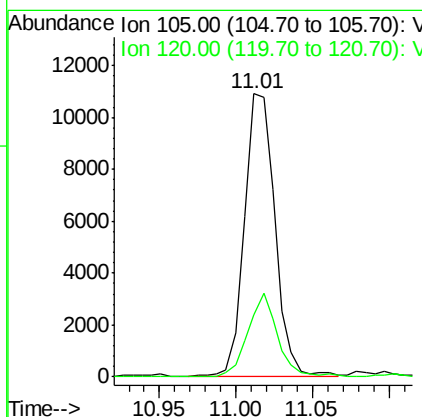
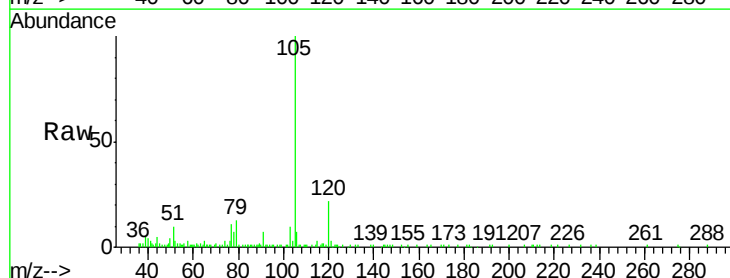
MMDadoda
8/16/2019 8:27:47 AM

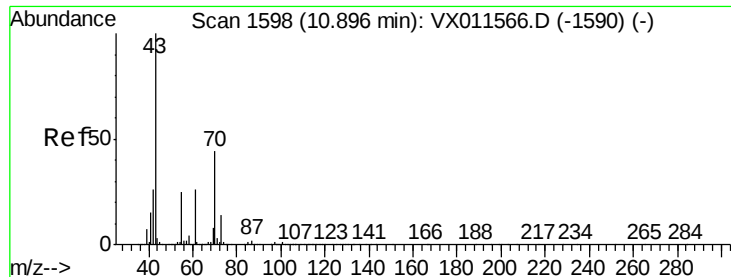


#73

Isopropylbenzene
Concen: 0.910 ug/l
RT: 11.01 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	15208		
120	28.5	14.0	41.9	





#74

N-amvl acetate

Concen: 1.082 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

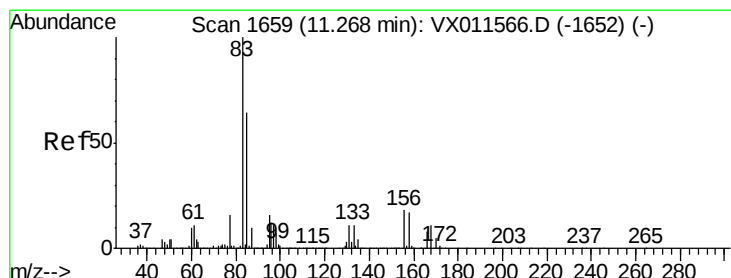
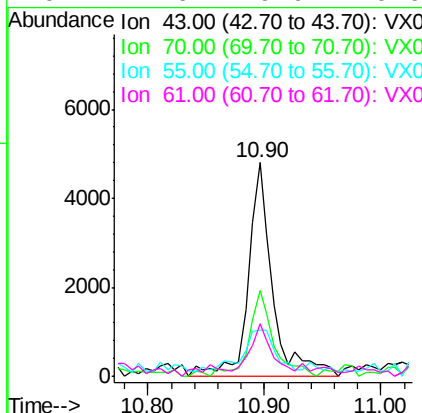
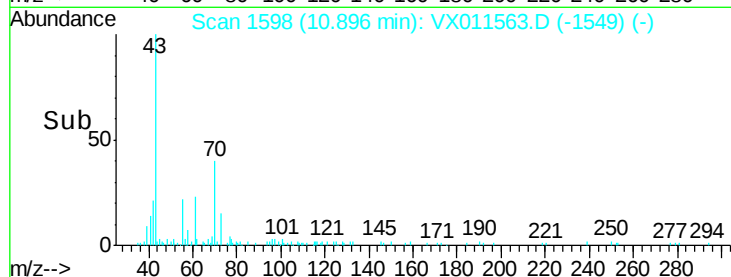
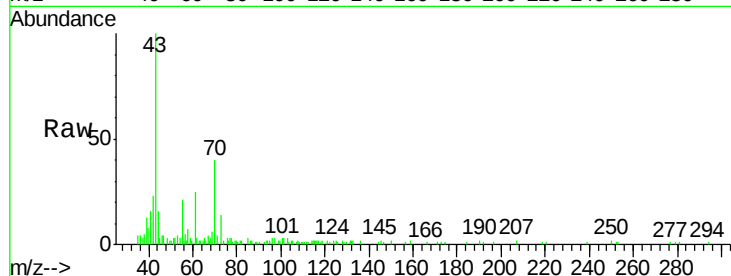
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	6971
Ion	Ratio	Lower	Upper
43	100		
70	39.8	34.7	52.1
55	24.6	19.6	29.4
61	17.6	19.9	29.9#

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 0.981 ug/l

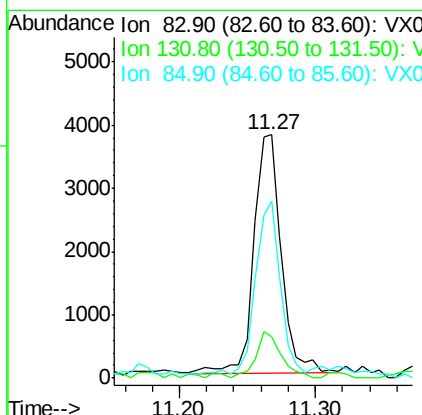
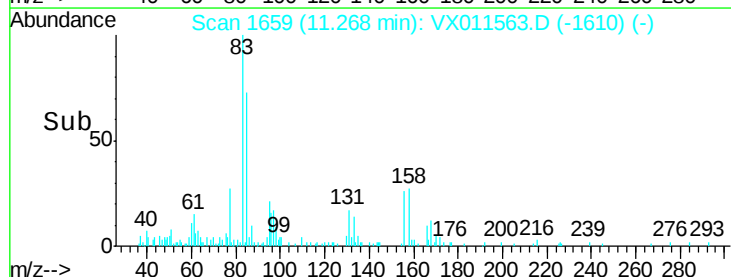
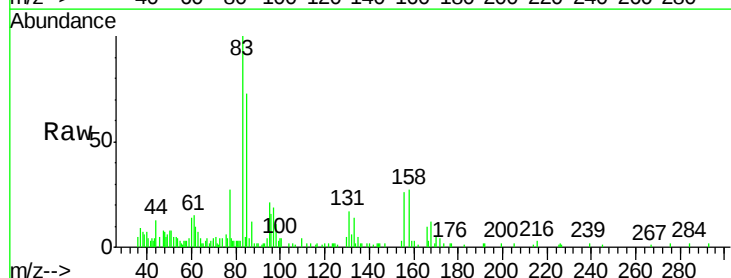
RT: 11.27 min Scan# 1659

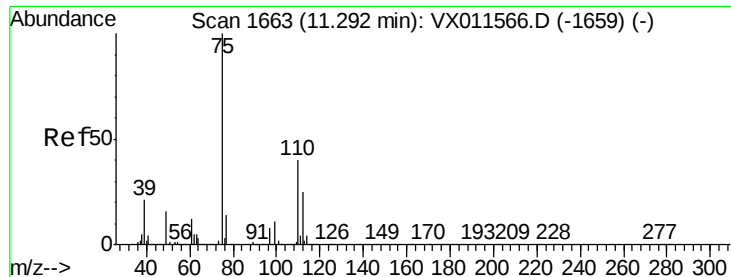
Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Tgt Ion:	83	Resp:	5383
Ion	Ratio	Lower	Upper
83	100		
131	17.9	5.8	17.3#
85	65.4	31.9	95.9





#76

1,2,3-Trichloropropane

Concen: 1.014 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 4579

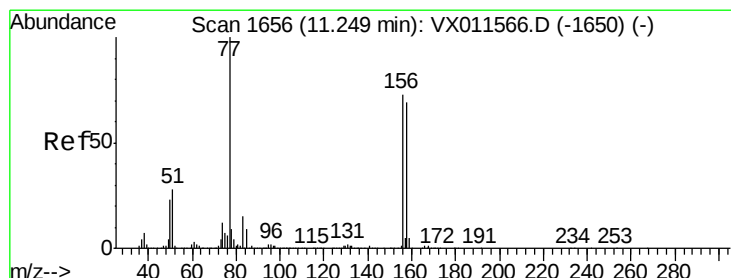
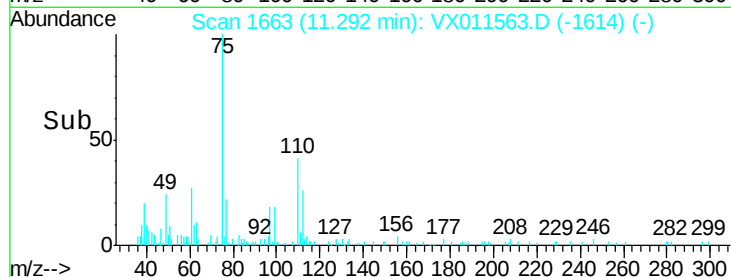
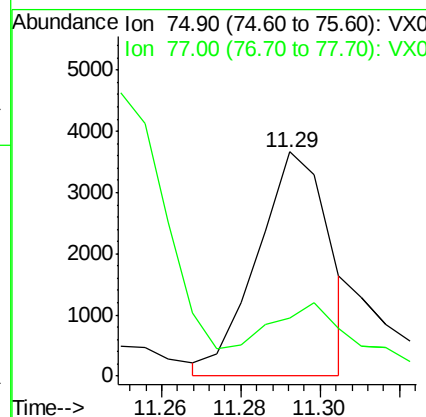
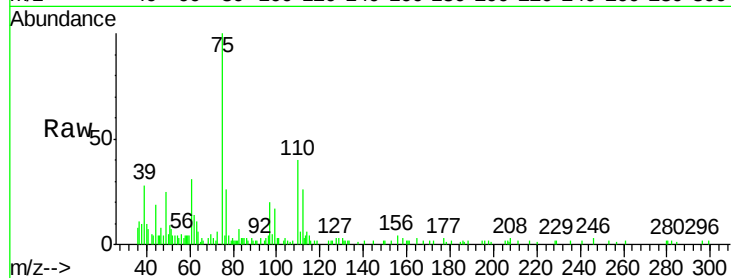
Ion Ratio Lower Upper

75 100

77 33.9 20.9 62.8

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#77

Bromobenzene

Concen: 1.014 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

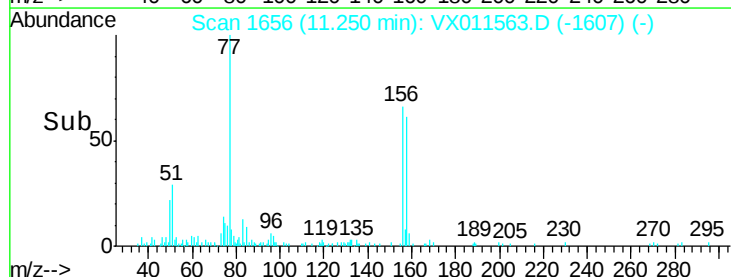
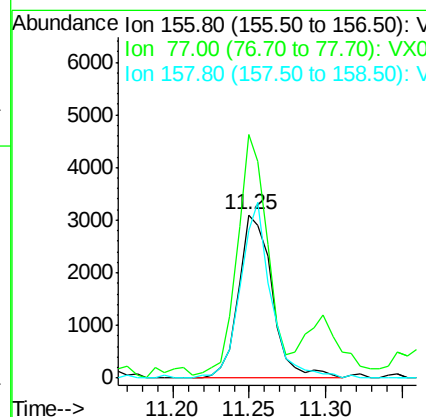
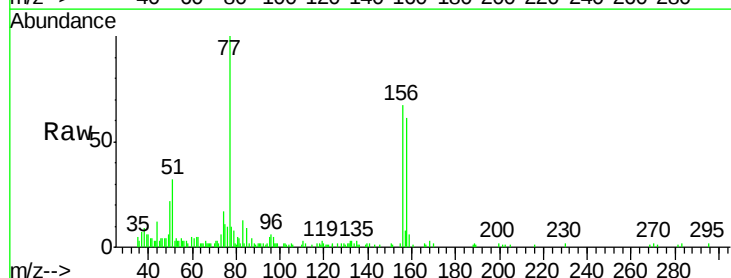
Tgt Ion: 156 Resp: 4731

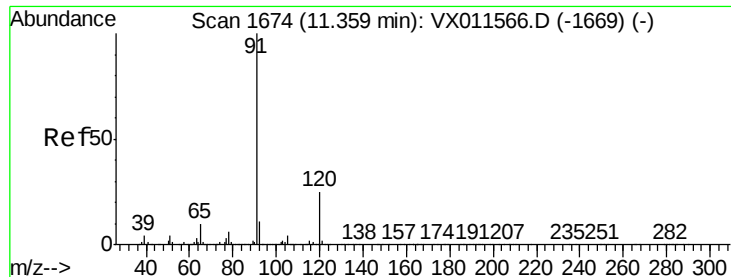
Ion Ratio Lower Upper

156 100

77 129.6 64.6 193.9

158 97.9 48.4 145.3





#78

n-propylbenzene

Concen: 0.843 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 15495

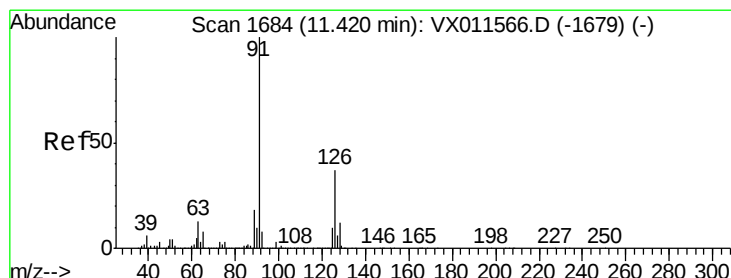
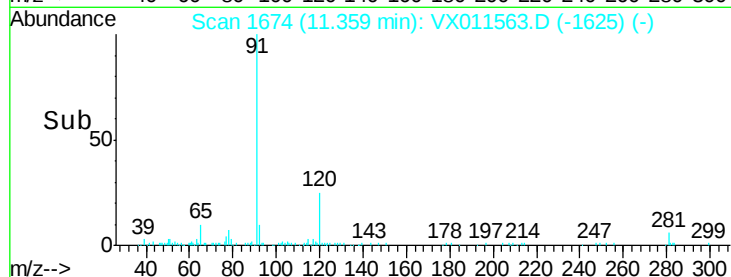
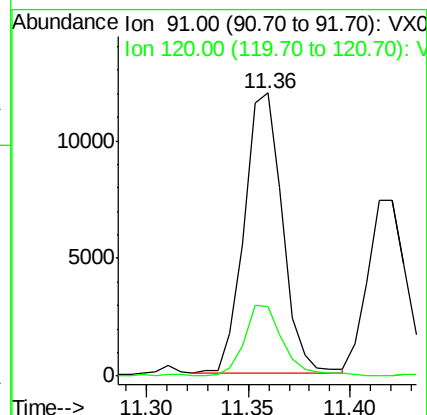
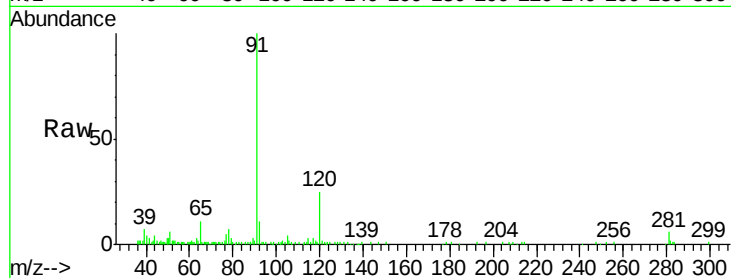
Ion Ratio Lower Upper

91 100

120 26.1 12.6 37.6

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#79

2-Chlorotoluene

Concen: 0.896 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011563.D

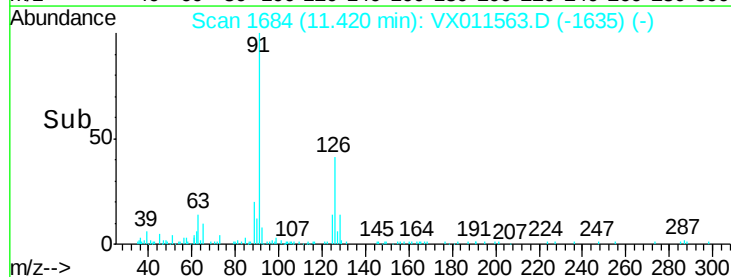
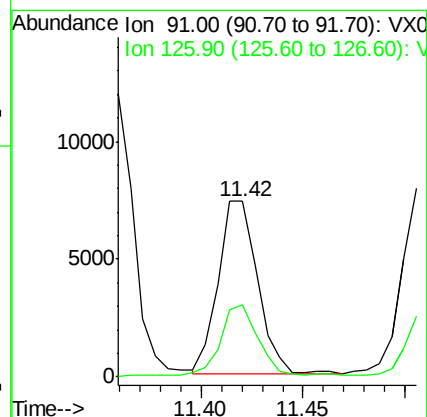
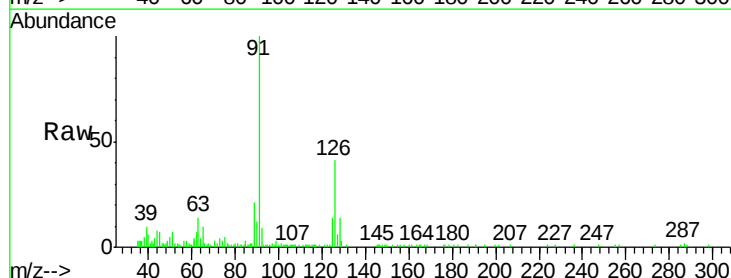
Acq: 15 Aug 2019 17:40

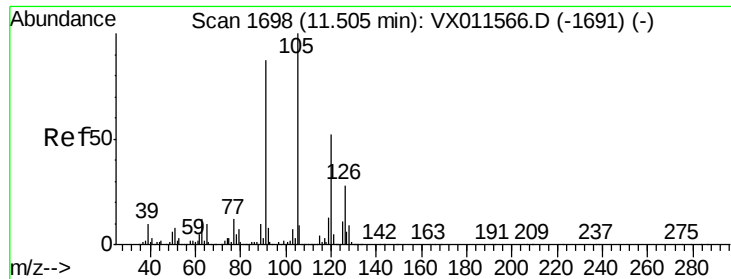
Tgt Ion: 91 Resp: 9943

Ion Ratio Lower Upper

91 100

126 41.3 18.4 55.0





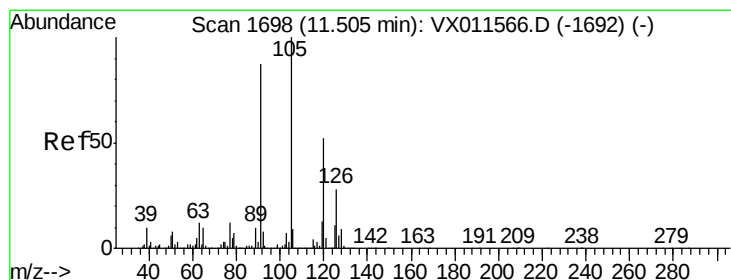
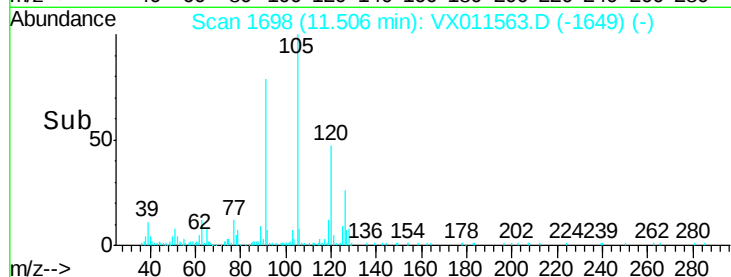
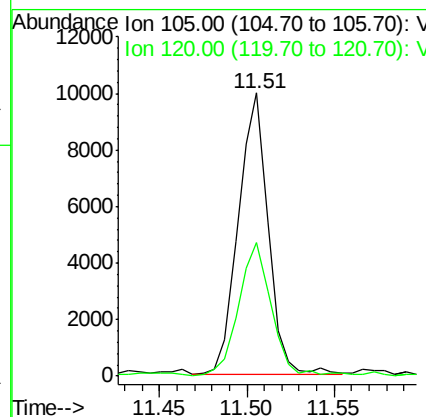
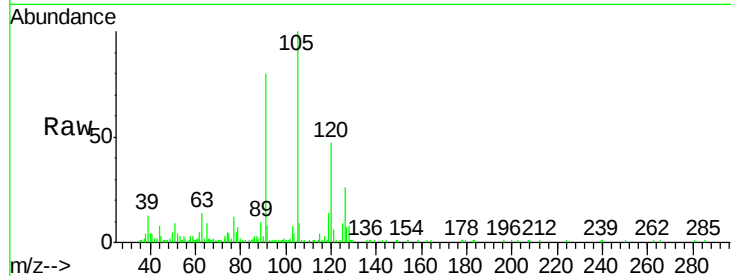
#80
 1,3,5-Trimethylbenzene
 Concen: 0.840 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 11722
 Ion Ratio Lower Upper
 105 100
 120 53.0 25.3 75.8

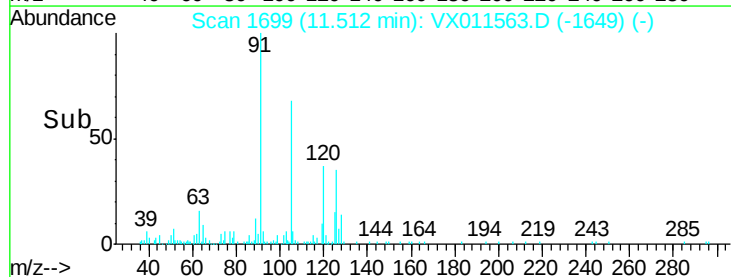
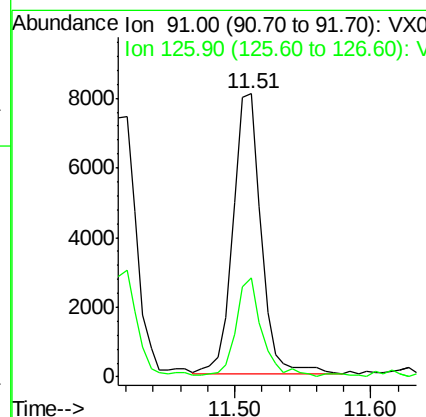
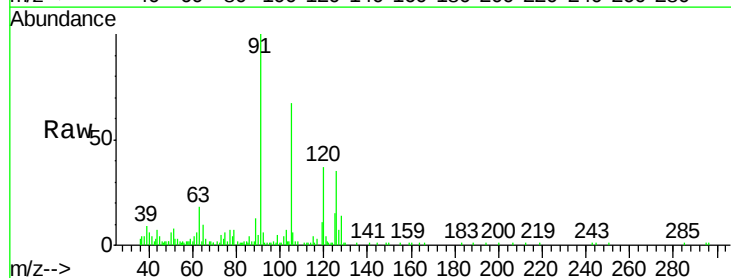
Manual Integrations
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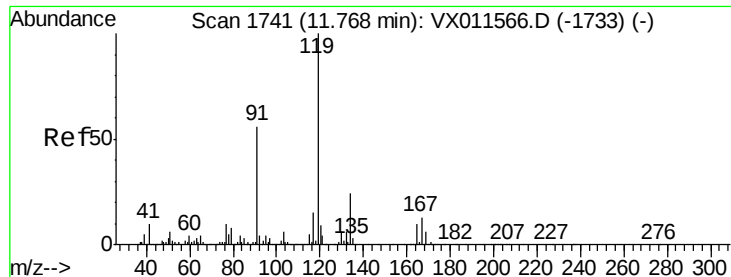
MMDadoda
 8/16/2019 8:27:47 AM



#82
 4-Chlorotoluene
 Concen: 0.891 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Tgt Ion: 91 Resp: 11479
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.4 49.1





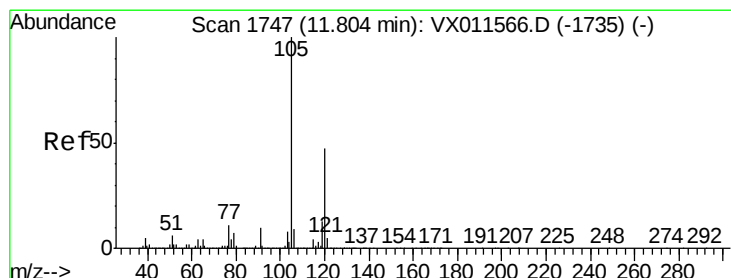
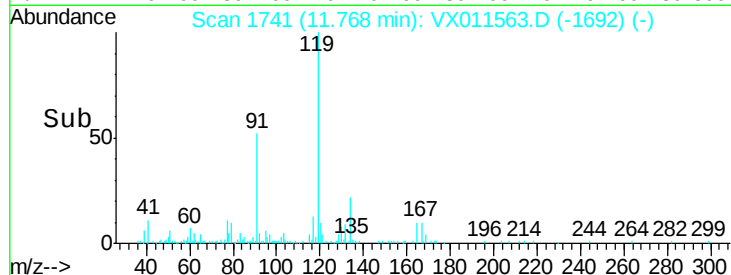
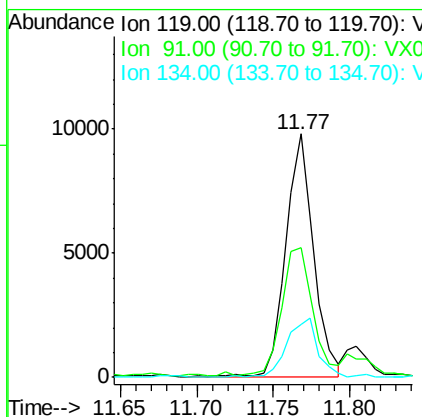
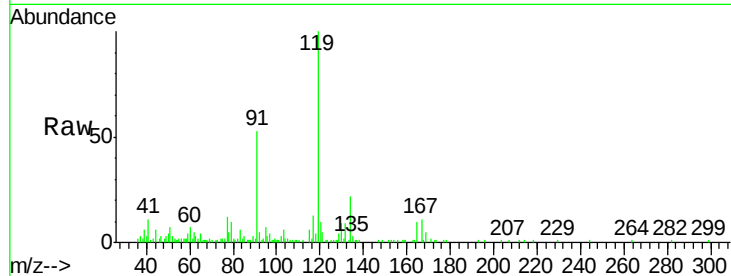
#83
tert-Butylbenzene
Concen: 0.899 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	12396		
91	58.8		27.1	81.3
134	27.6		11.8	35.3

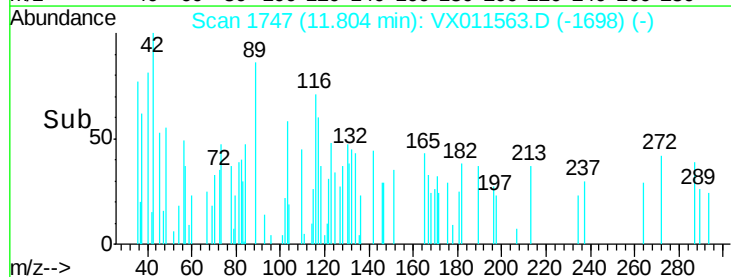
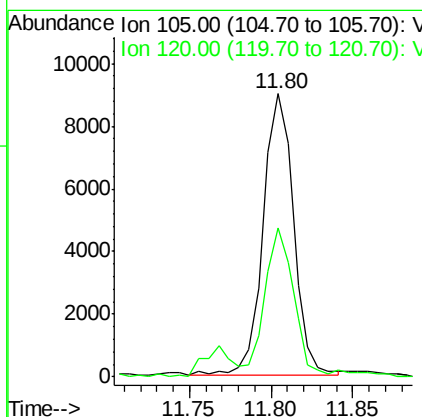
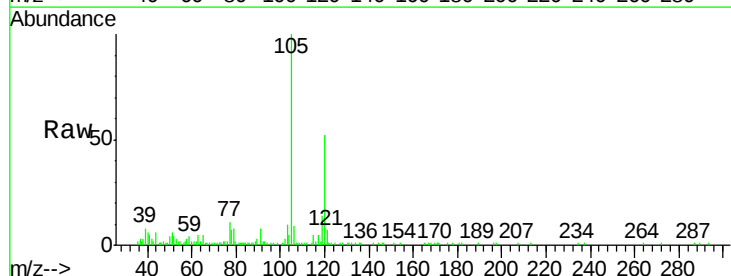
Manual Integrations
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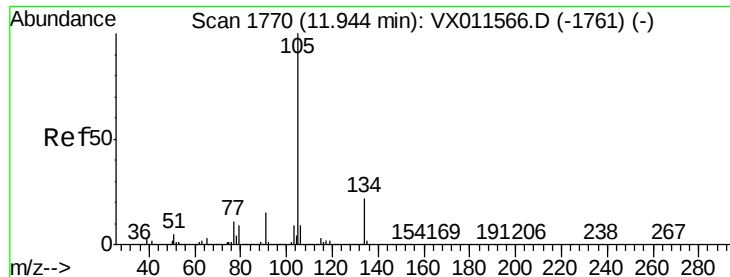
MMDadoda
8/16/2019 8:27:47 AM



#84
1,2,4-Trimethylbenzene
Concen: 0.829 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	11676		
120	48.2		23.3	69.9





#85

sec-Butylbenzene

Concen: 0.877 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 14053

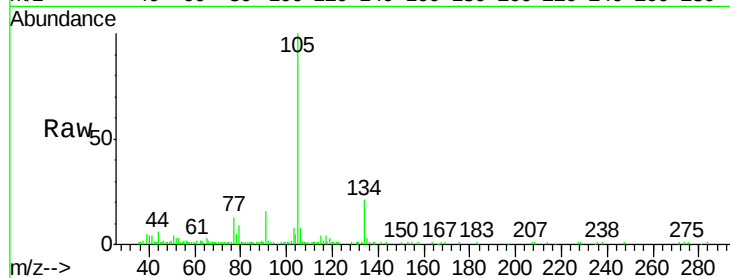
Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4

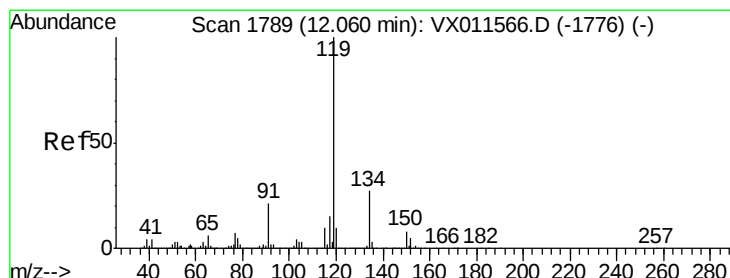
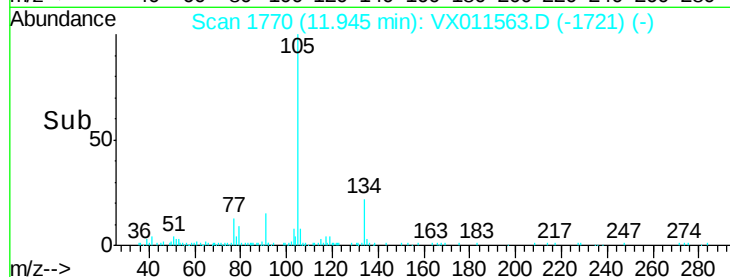
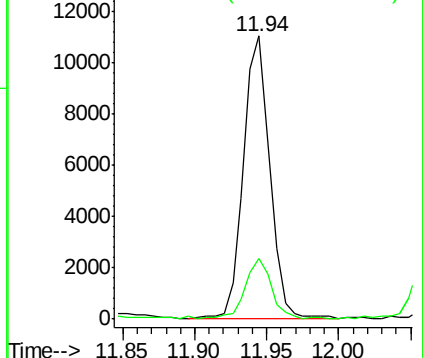
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.827 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

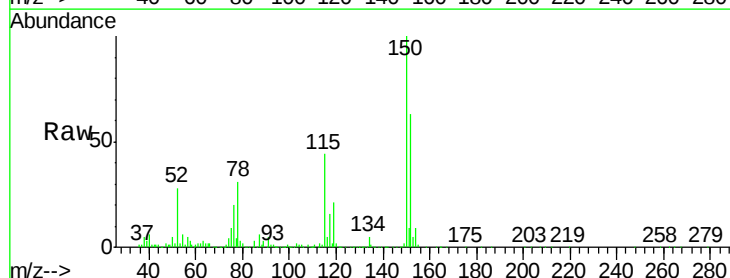
Tgt Ion:119 Resp: 12321

Ion Ratio Lower Upper

119 100

134 30.6 13.6 40.8

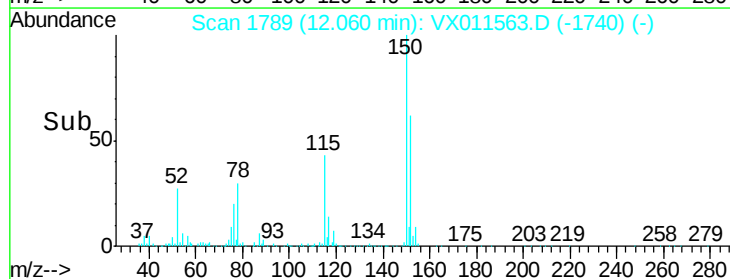
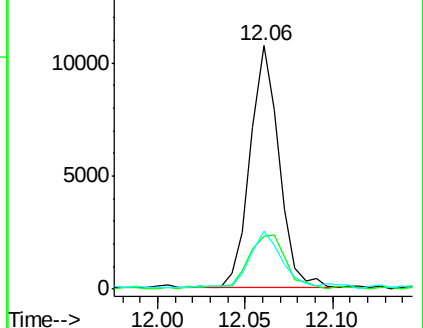
91 26.0 10.9 32.9

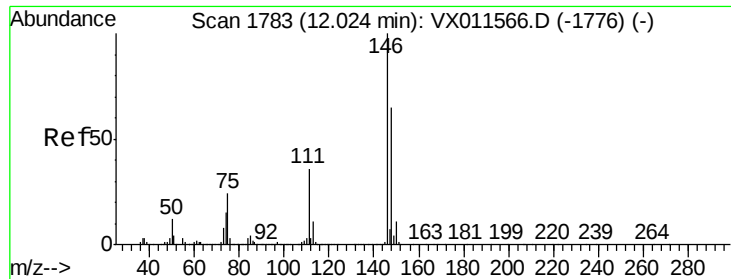


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





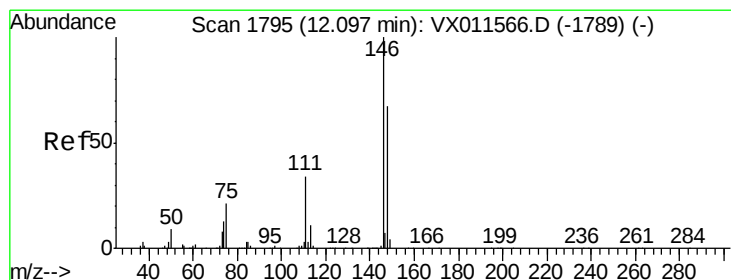
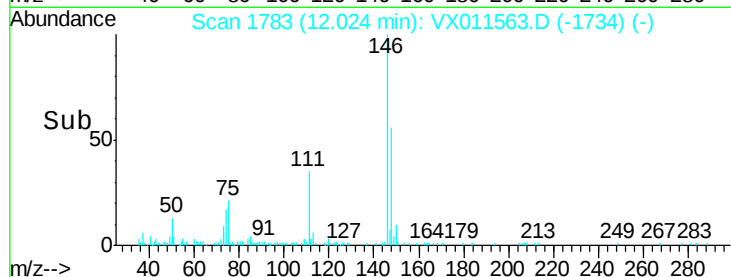
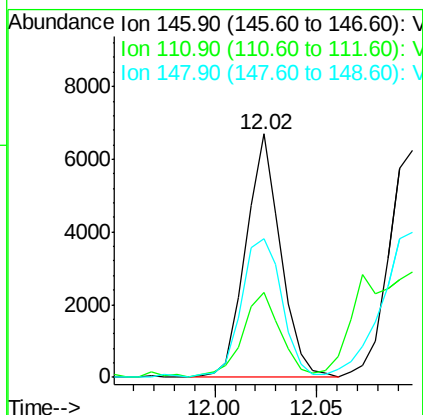
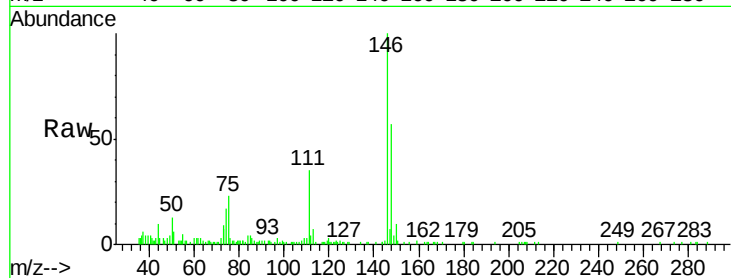
#87
 1,3-Dichlorobenzene
 Concen: 0.983 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.1	54.4
148	66.8	32.0	96.0

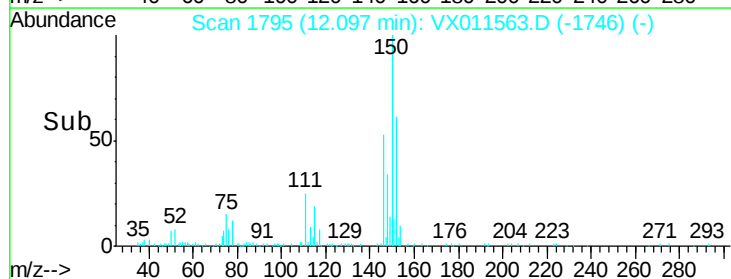
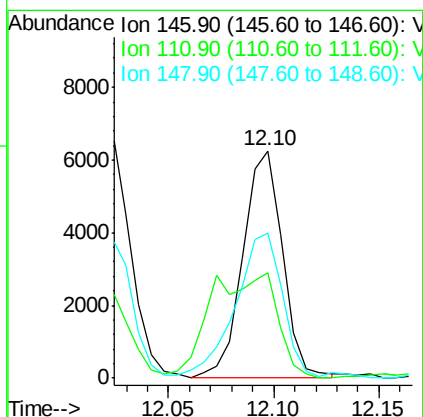
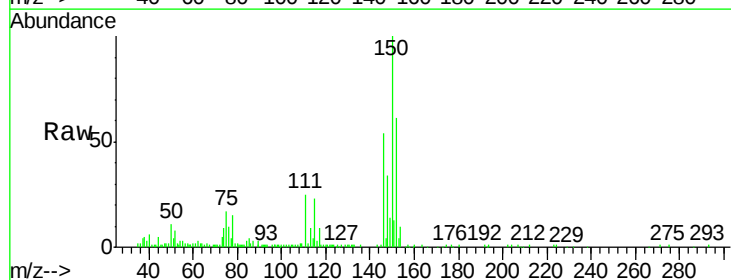
Manual Integrations
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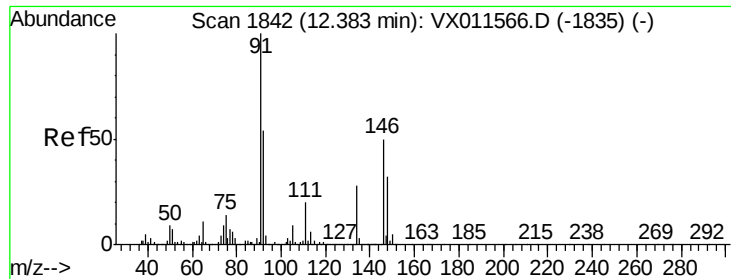
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 0.996 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	17.9	53.7
148	64.4	32.5	97.5





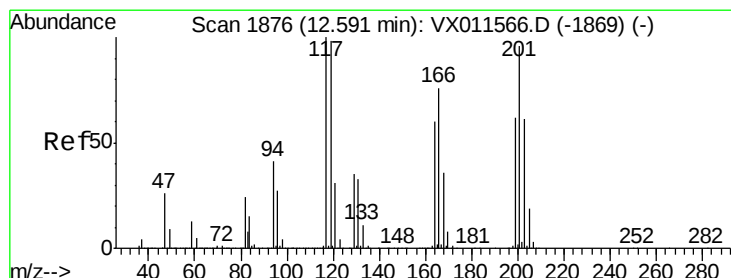
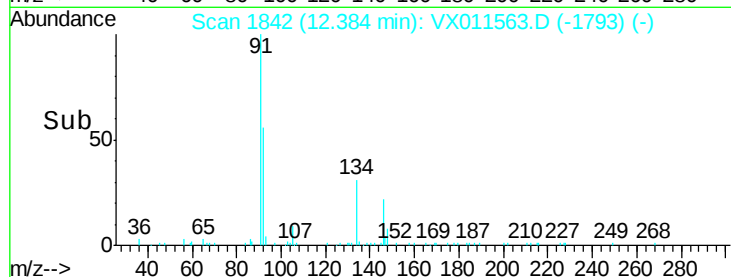
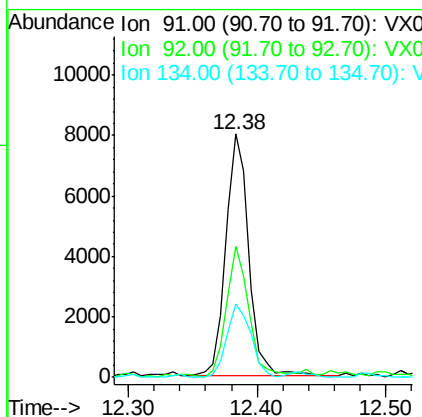
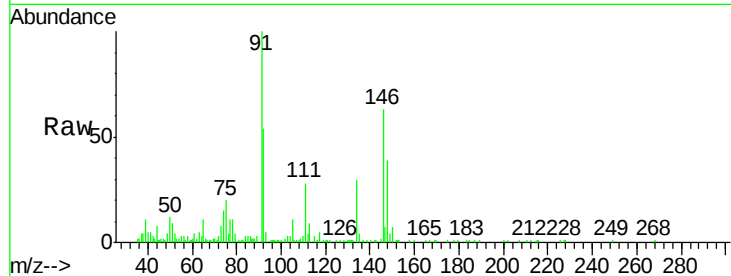
#89
n-Butylbenzene
Concen: 0.797 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.8	80.3
134	31.5	14.6	44.0

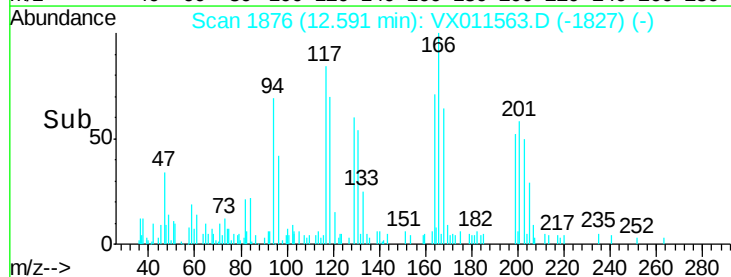
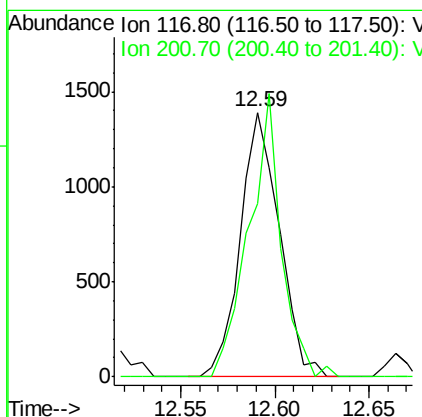
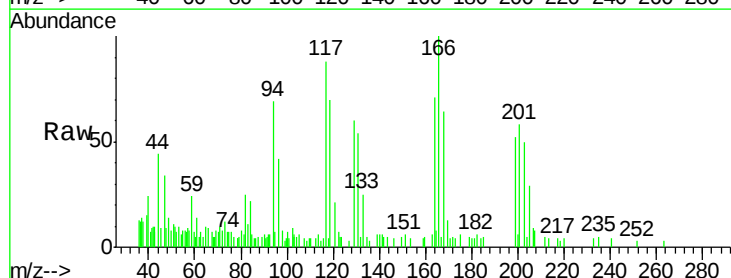
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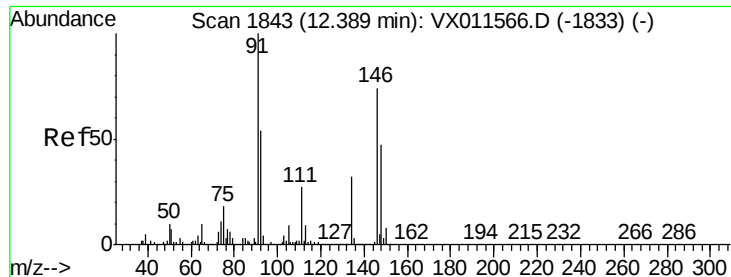
MMDadoda
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#90
Hexachloroethane
Concen: 0.851 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011563.D
Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	51.9	155.7





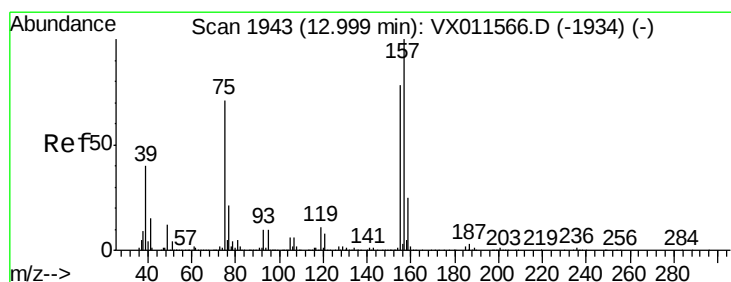
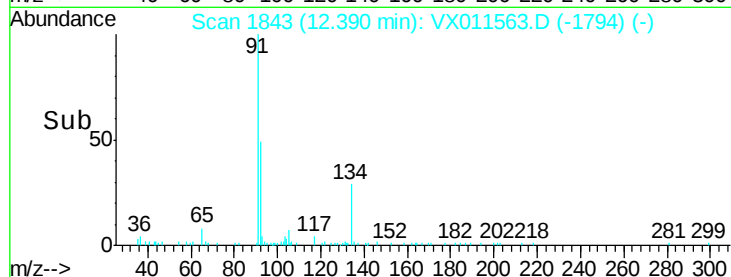
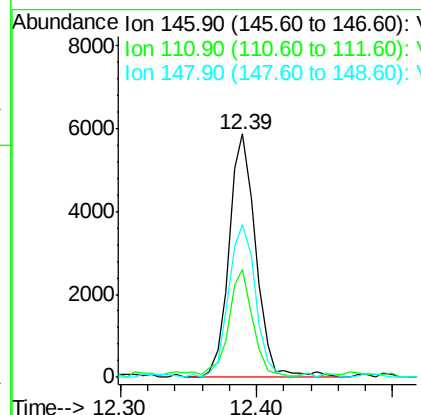
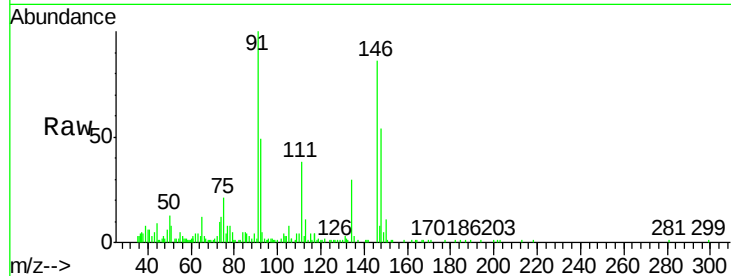
#91
 1,2-Dichlorobenzene
 Concen: 1.001 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	146	Resp:	8009
Ion Ratio	Lower	Upper	
146	100		
111	40.2	18.9	56.7
148	63.7	31.9	95.9

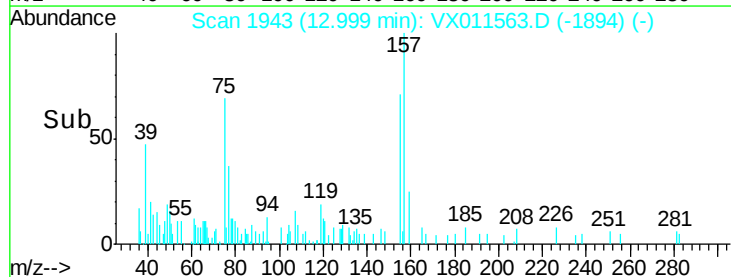
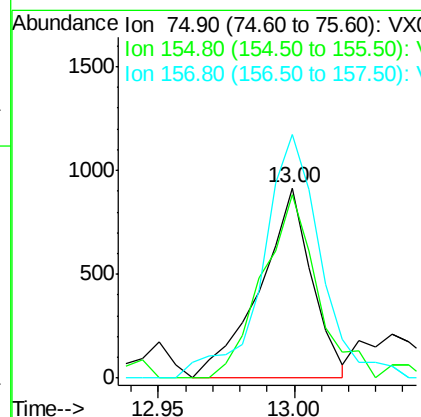
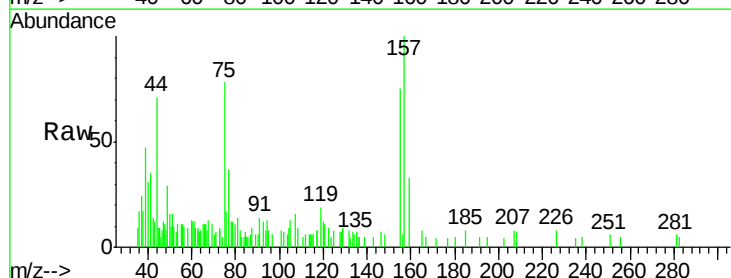
Manual Integrations
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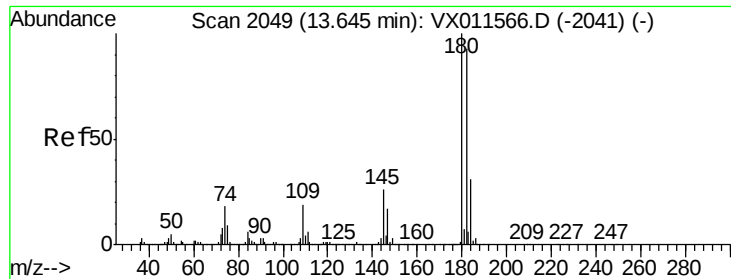
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.045 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Tgt Ion:	75	Resp:	1211
Ion Ratio	Lower	Upper	
75	100		
155	105.4	53.0	159.0
157	143.4	68.3	205.1





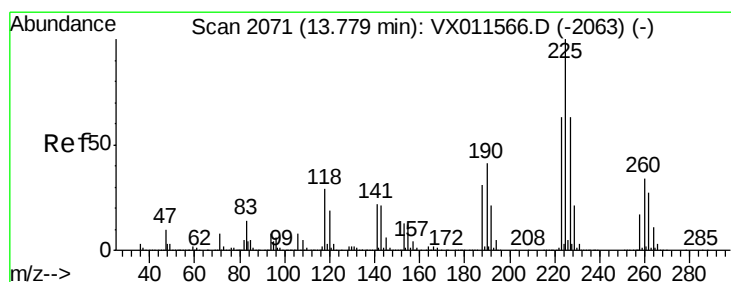
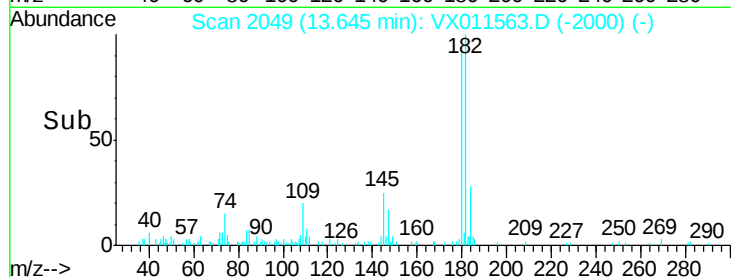
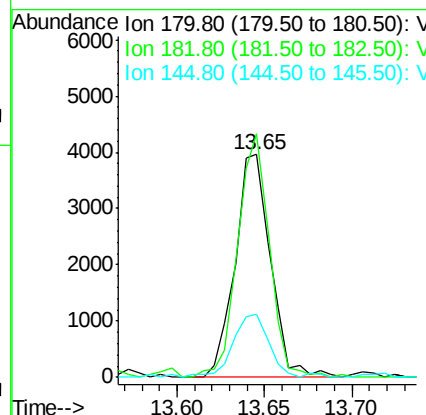
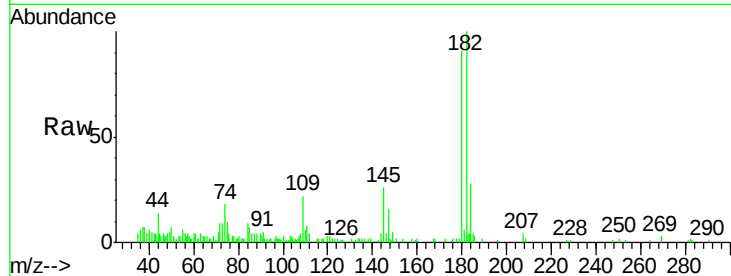
#93
 1,2,4-Trichlorobenzene
 Concen: 1.015 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100	5605		
182	97.6	47.3	142.0	
145	28.7	13.6	40.8	

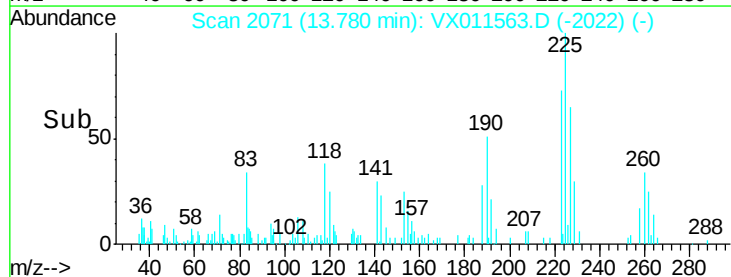
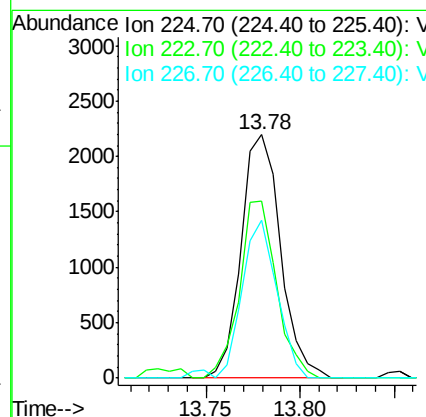
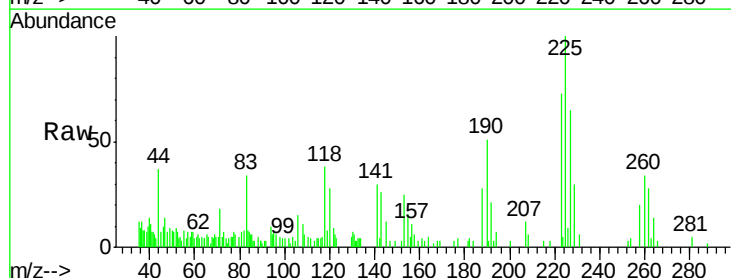
Manual Integrations
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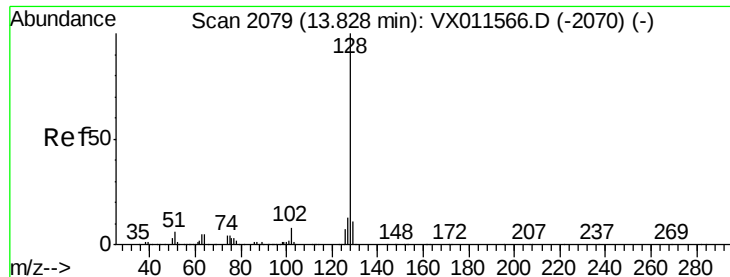
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#94
 Hexachlorobutadiene
 Concen: 1.140 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011563.D
 Acq: 15 Aug 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	3183		
223	68.7	31.4	94.0	
227	58.4	31.2	93.6	





#95

Naphthalene

Concen: 0.871 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Instrument :

MSVOA_X

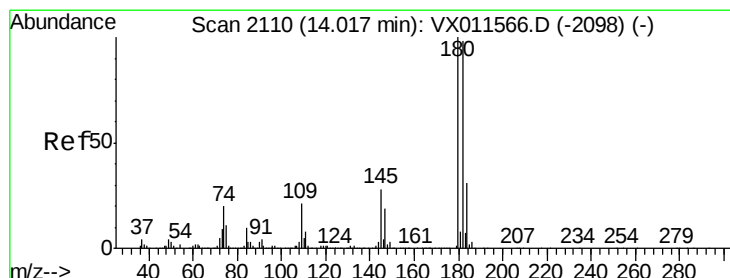
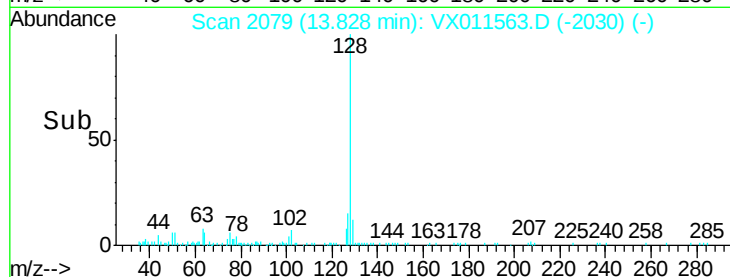
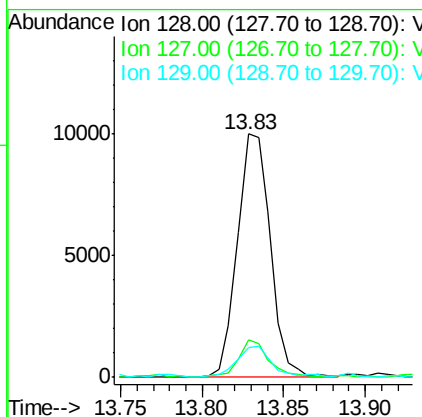
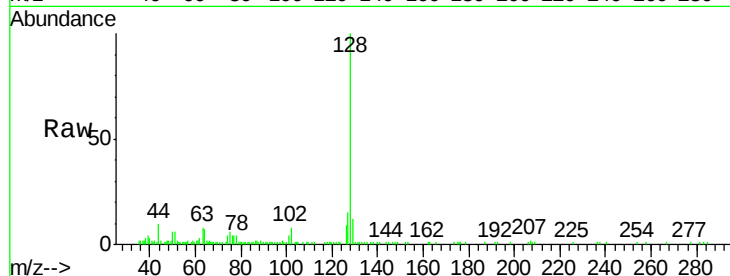
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	14121
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.3	15.5
129	13.9	8.7	13.1#

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#96

1,2,3-Trichlorobenzene

Concen: 0.993 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011563.D

Acq: 15 Aug 2019 17:40

Tgt Ion:	180	Resp:	5478
Ion Ratio	Lower	Upper	
180	100		
182	97.4	48.0	144.0
145	33.2	14.6	43.8

