

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008186.D
 Acq On : 19 Mar 2019 12:48
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:28:22 AM

Quant Time: Mar 19 13:10:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 11:34:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	355545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	591258	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	515642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219534	50.00	ug/l	0.00

System Monitoring Compounds

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

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	4384	0.942 ug/l	89
3) Chloromethane	1.33	50	6880	1.305 ug/l	93
4) Vinyl Chloride	1.41	62	5652	1.024 ug/l	96
5) Bromomethane	1.64	94	4930	1.039 ug/l	94
6) Chloroethane	1.73	64	3735	1.130 ug/l	92
7) Trichlorofluoromethane	1.93	101	7800	1.145 ug/l	91
8) Diethyl Ether	2.19	74	3078	0.795 ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4599	0.942 ug/l	92
12) 1,1-Dichloroethene	2.38	96	4124	0.891 ug/l	98
14) Allyl chloride	2.73	41	8151	0.791 ug/l	91
15) Acrylonitrile	3.15	53	14594	4.462 ug/l	96
16) Acetone	2.45	43	15504	4.858 ug/l	91
17) Carbon Disulfide	2.57	76	17144	1.188 ug/l	99
18) Methyl Acetate	2.78	43	6305	0.809 ug/l	99
19) Methyl tert-butyl Ether	3.20	73	14031	0.827 ug/l	94
20) Methylene Chloride	2.86	84	5279	0.999 ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	4985	1.017 ug/l	95
22) Diisopropyl ether	3.86	45	16370	0.809 ug/l #	70
23) Vinyl Acetate	3.82	43	64458	3.613 ug/l	96
24) 1,1-Dichloroethane	3.70	63	8761	0.860 ug/l	95
25) 2-Butanone	4.68	43	20601	4.205 ug/l	97
26) 2,2-Dichloropropane	4.59	77	6652	0.858 ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	5338	0.948 ug/l	90
28) Bromochloromethane	5.01	49	4905	1.146 ug/l	83
29) Tetrahydrofuran	5.15	42	11485	3.638 ug/l	93
30) Chloroform	5.22	83	8016	0.838 ug/l	93
31) Cyclohexane	5.59	56	8057	0.810 ug/l #	86
32) 1,1,1-Trichloroethane	5.49	97	6432	0.801 ug/l #	42
36) 1,1-Dichloropropene	5.81	75	6610	0.894 ug/l #	92
37) Ethyl Acetate	4.85	43	6350	0.690 ug/l #	95
38) Carbon Tetrachloride	5.79	117	5374	0.795 ug/l	95
39) Methylcyclohexane	7.46	83	7690	0.841 ug/l #	87
40) Benzene	6.15	78	18069	0.816 ug/l	93
41) Methacrylonitrile	5.04	41	3700	0.718 ug/l #	31

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.19	62	6860	0.856	ug/l	97
43) Isopropyl Acetate	6.45	43	10084	0.684	ug/l #	86
44) Trichloroethene	7.21	130	4931	0.935	ug/l	99
45) 1,2-Dichloropropane	7.52	63	5240	0.860	ug/l	93
46) Dibromomethane	7.66	93	3395	0.923	ug/l #	86
47) Bromodichloromethane	7.90	83	5489	0.754	ug/l #	92
48) Methyl methacrylate	7.77	41	5999	0.773	ug/l	93
49) 1,4-Dioxane	7.75	88	2530	19.875	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	35021	3.724	ug/l	94
52) Toluene	8.78	92	11043	0.847	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	5942	0.707	ug/l #	82
54) cis-1,3-Dichloropropene	8.43	75	6699	0.730	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	4366	0.813	ug/l	96
56) Ethyl methacrylate	9.18	69	5810	0.645	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	7385	0.778	ug/l	89
58) 2-Chloroethyl Vinyl ether	8.31	63	19351	4.620	ug/l	98
59) 2-Hexanone	9.49	43	27216	3.797	ug/l	92
60) Dibromochloromethane	9.58	129	3627	0.681	ug/l	92
61) 1,2-Dibromoethane	9.67	107	4660	0.835	ug/l	96
64) Tetrachloroethene	9.34	164	4660	0.940	ug/l	96
65) Chlorobenzene	10.13	112	12165	0.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	3831	0.785	ug/l #	64
67) Ethyl Benzene	10.25	91	19005	0.767	ug/l	93
68) m/p-Xylenes	10.36	106	13810	1.519	ug/l	91
69) o-Xylene	10.70	106	6710	0.758	ug/l	92
70) Styrene	10.71	104	10520	0.726	ug/l	93
71) Bromoform	10.86	173	2604	0.685	ug/l #	96
73) Isopropylbenzene	11.02	105	17722	0.821	ug/l	98
74) N-amyl acetate	10.90	43	8291	0.722	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	6784	0.915	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	5755m	0.883	ug/l	
77) Bromobenzene	11.26	156	4734	0.935	ug/l	83
78) n-propylbenzene	11.36	91	19508	0.762	ug/l	100
79) 2-Chlorotoluene	11.42	91	12717	0.856	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	13765	0.766	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	1748	0.707	ug/l #	84
82) 4-Chlorotoluene	11.51	91	14586	0.839	ug/l	98
83) tert-Butylbenzene	11.77	119	13374	0.792	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	13847	0.757	ug/l	98
85) sec-Butylbenzene	11.94	105	16253	0.762	ug/l	99
86) p-Isopropyltoluene	12.06	119	13996	0.757	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	8269	0.913	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	9526m	1.051	ug/l	
89) n-Butylbenzene	12.38	91	12752	0.725	ug/l	98
90) Hexachloroethane	12.59	117	2270	0.714	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	8176	0.906	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1535	0.912	ug/l	65
93) 1,2,4-Trichlorobenzene	13.65	180	5461	0.900	ug/l	97
94) Hexachlorobutadiene	13.78	225	2526	0.852	ug/l	97
95) Naphthalene	13.83	128	15454	0.773	ug/l	99

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VSTDICC001

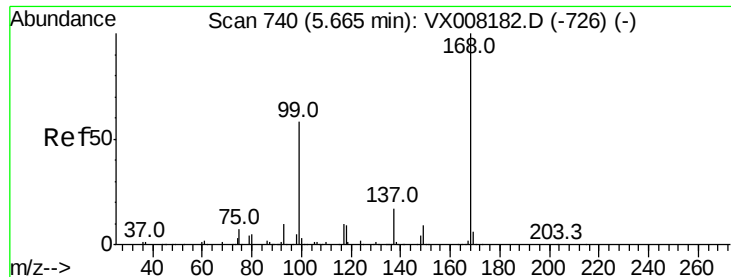
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	5061	0.842	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 355545

Ion Ratio Lower Upper

168 100

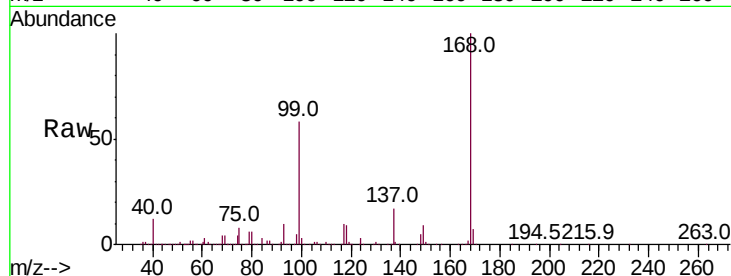
99 57.9 37.6 56.4#

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

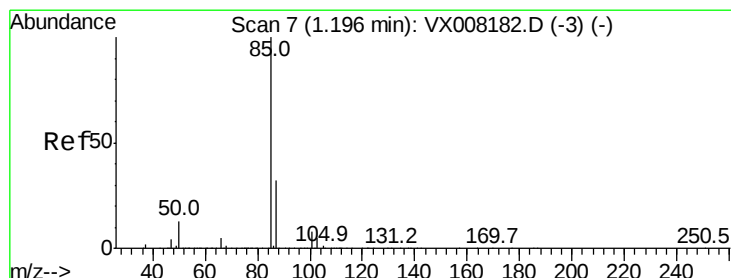
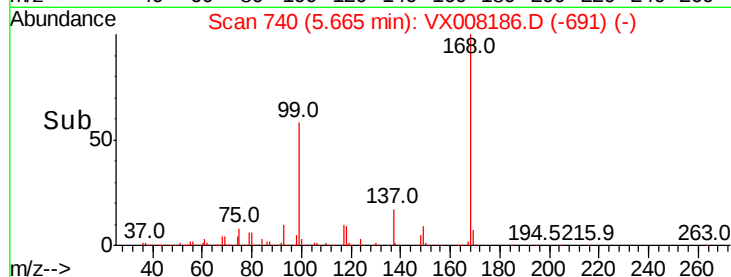
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.942 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008186.D

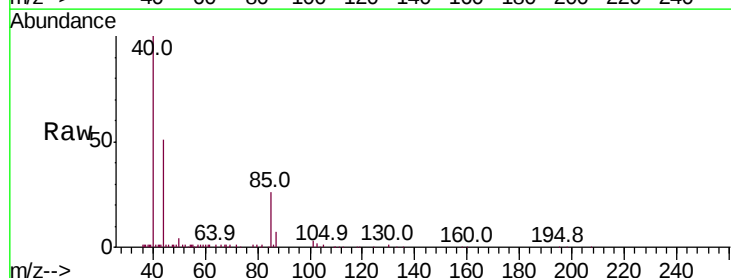
Acq: 19 Mar 2019 12:48

Tgt Ion: 85 Resp: 4384

Ion Ratio Lower Upper

85 100

87 26.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

4000

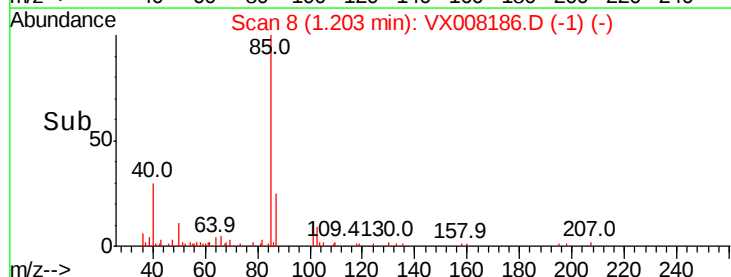
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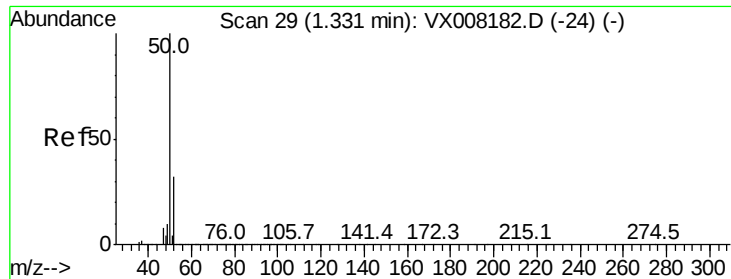
2000

1000

0

Time-->





#3

Chloromethane

Concen: 1.305 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 6880

Ion Ratio Lower Upper

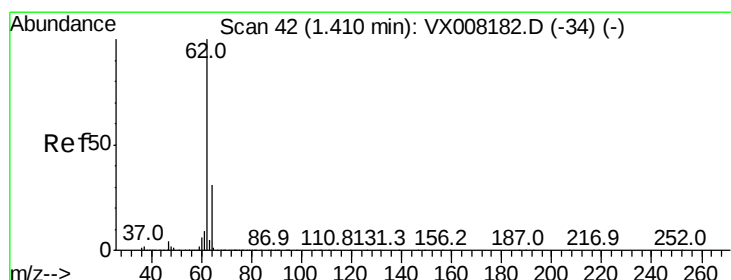
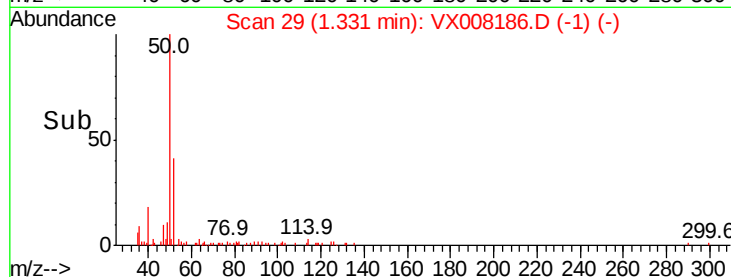
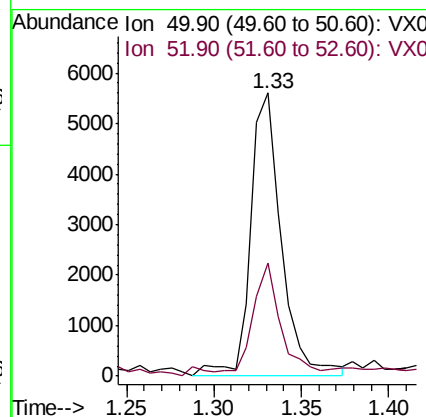
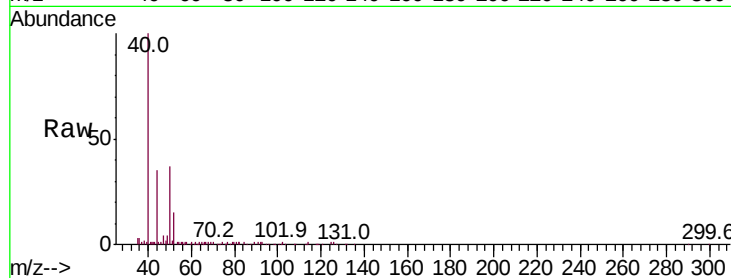
50 100

52 37.0 26.5 39.7

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#4

Vinyl Chloride

Concen: 1.024 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008186.D

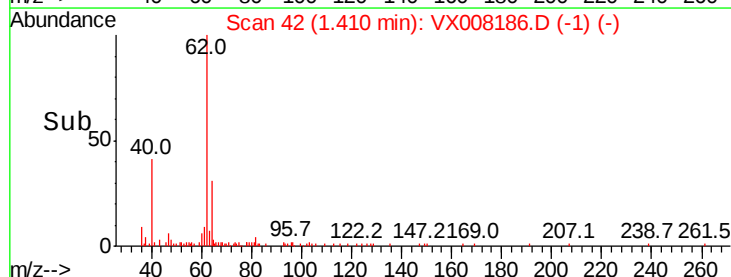
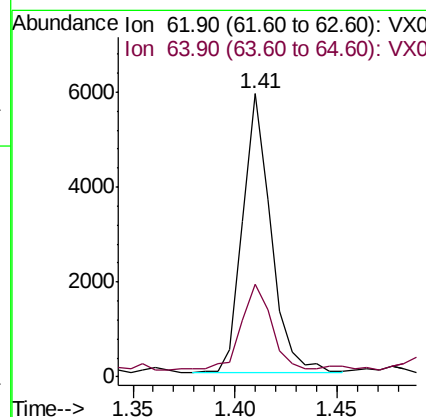
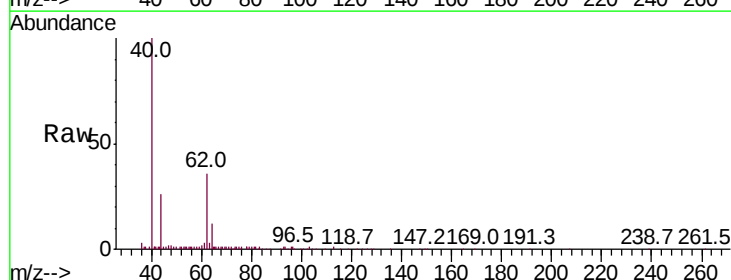
Acq: 19 Mar 2019 12:48

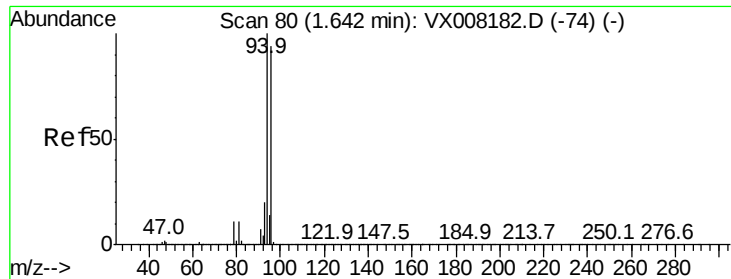
Tgt Ion: 62 Resp: 5652

Ion Ratio Lower Upper

62 100

64 29.5 25.3 37.9





#5

Bromomethane

Concen: 1.039 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tot Ion: 94 Resp: 4930

Ion Ratio Lower Upper

94 100

96 100.6 75.5 113.3

Instrument :

MSVOA_X

ClientSampleId :

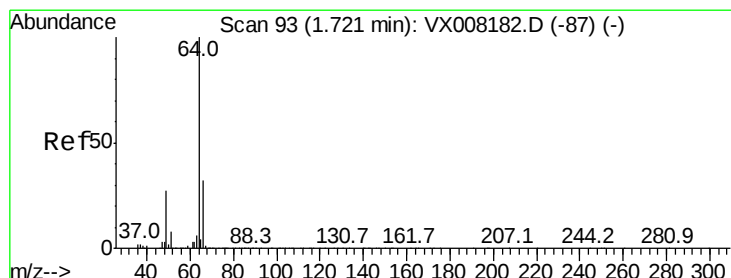
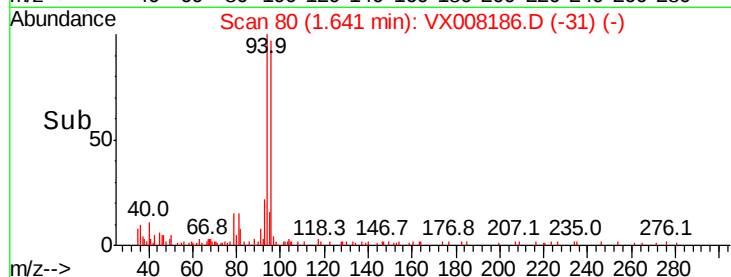
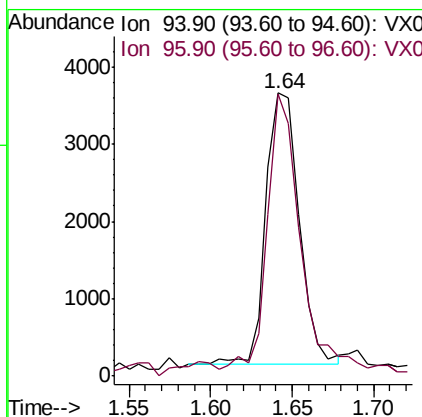
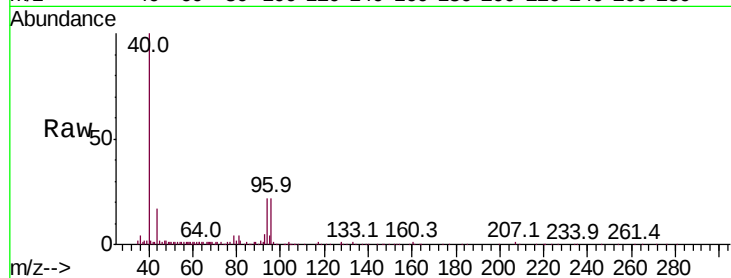
VSTDIC001

Manual Integrations

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#6

Chloroethane

Concen: 1.130 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008186.D

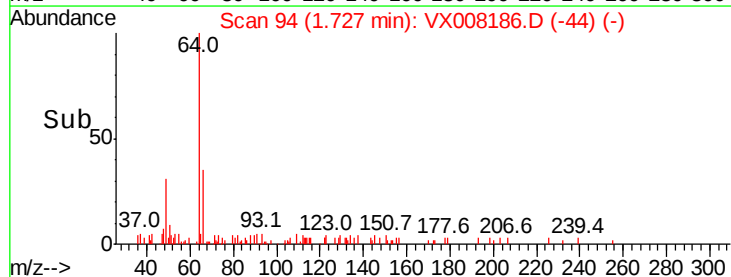
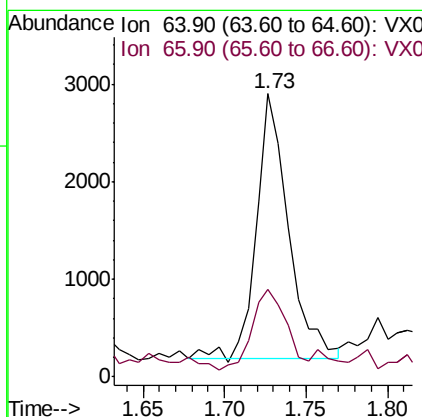
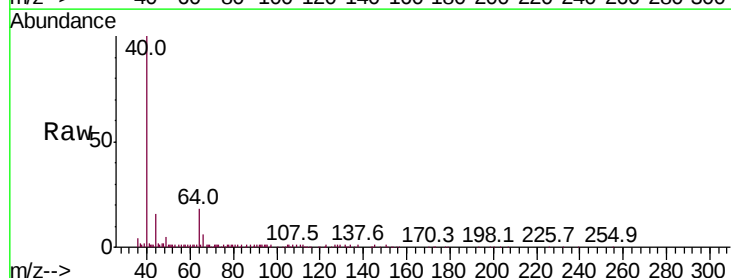
Acq: 19 Mar 2019 12:48

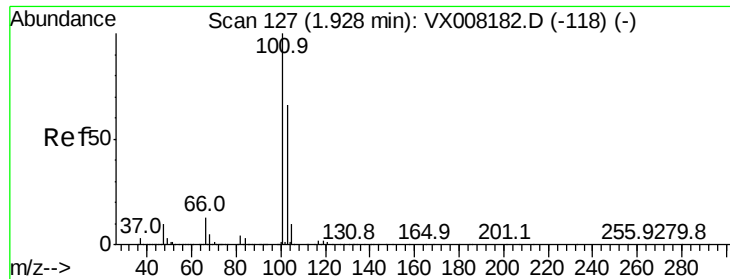
Tgt Ion: 64 Resp: 3735

Ion Ratio Lower Upper

64 100

66 27.0 25.2 37.8





#7

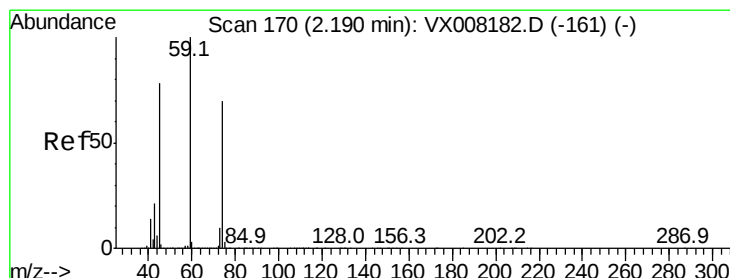
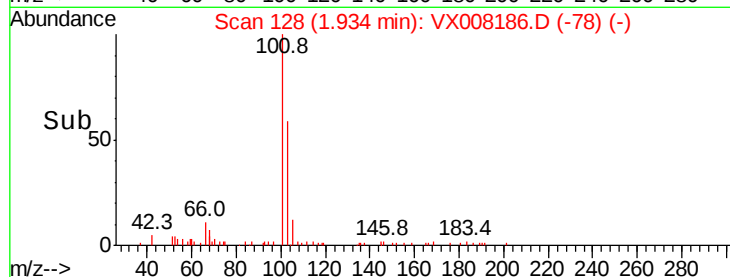
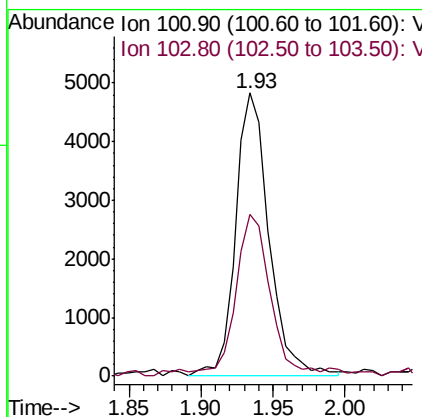
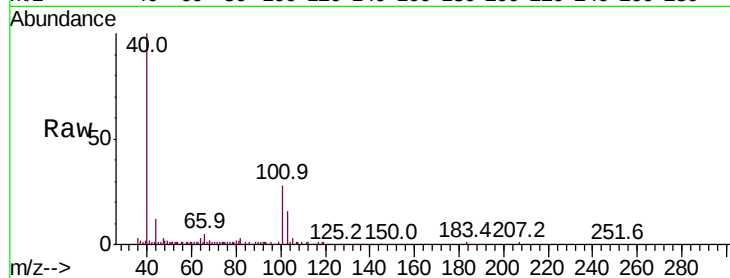
Trichlorofluoromethane
Concen: 1.145 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

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ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
103	56.3	50.4	75.6

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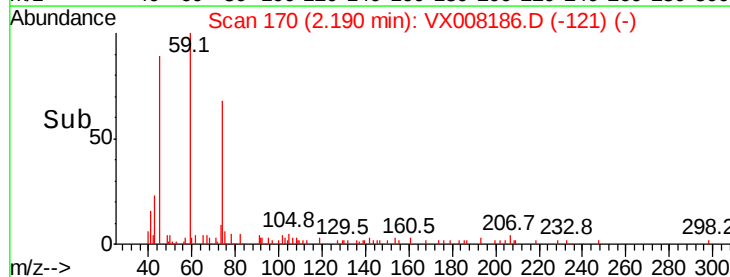
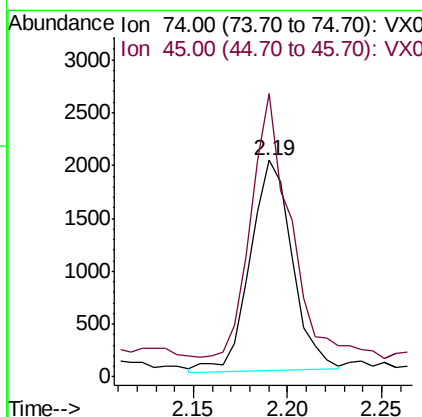
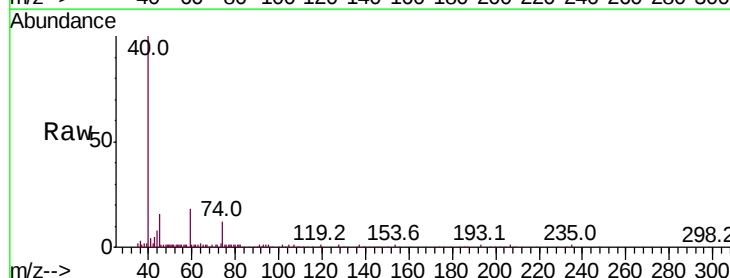
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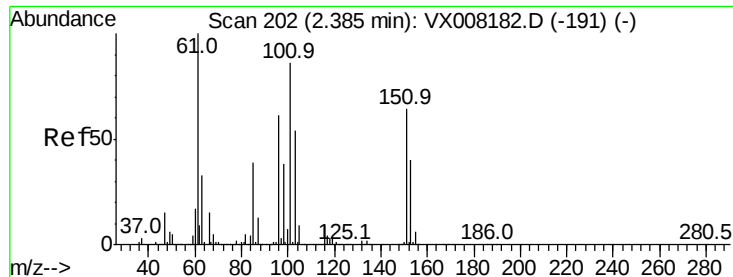


#8

Diethyl Ether
Concen: 0.795 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	125.8	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.942 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

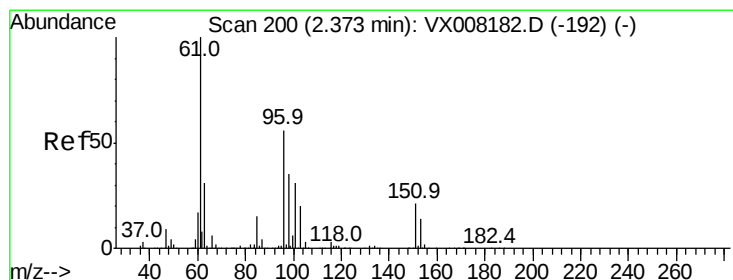
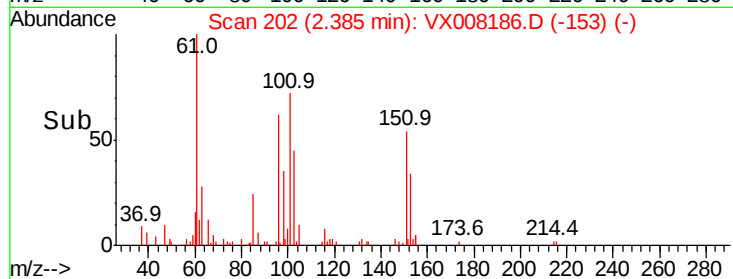
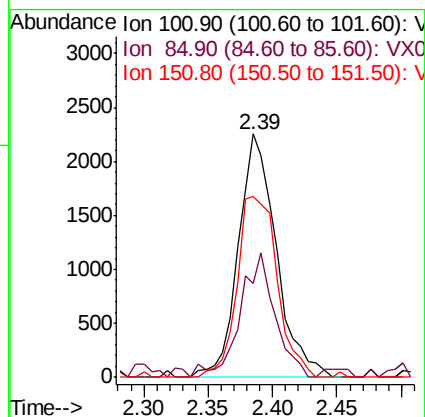
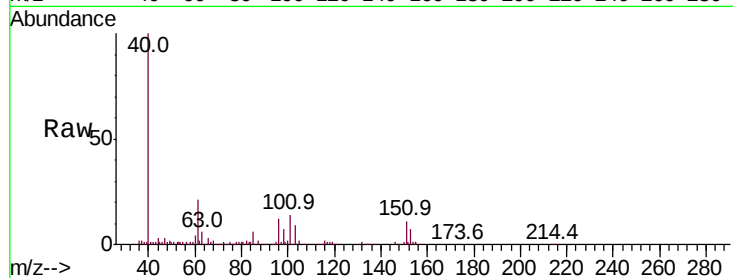
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	4599
Ion Ratio	Lower	Upper	
101	100		
85	46.6	33.8	50.6
151	78.5	69.1	103.7

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#12

1,1-Dichloroethene

Concen: 0.891 ug/l

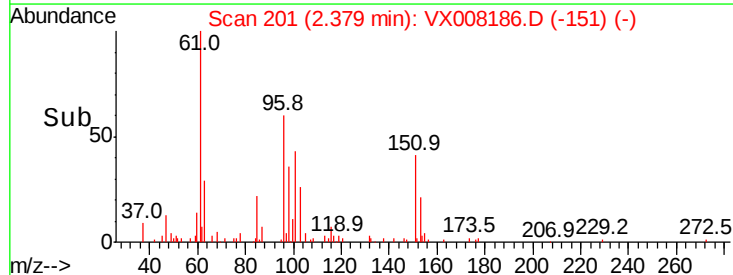
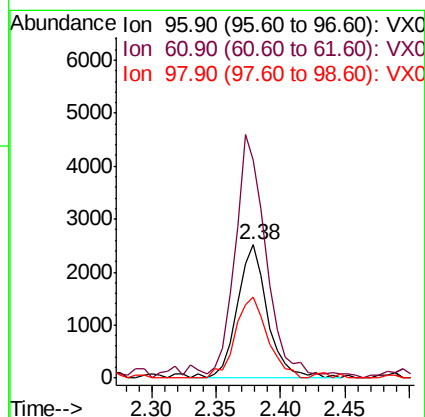
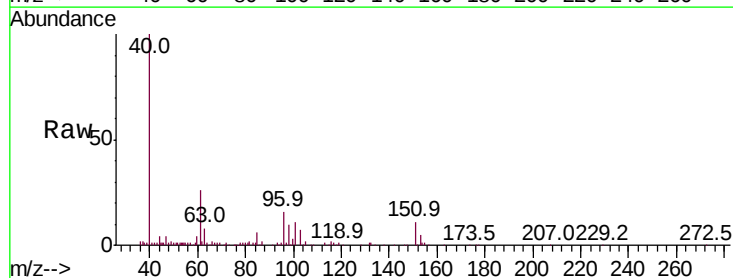
RT: 2.38 min Scan# 201

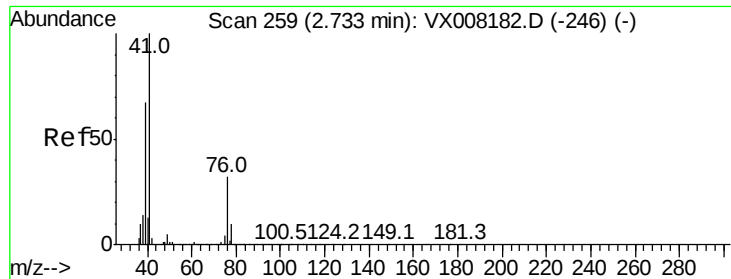
Delta R.T. 0.01 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tgt Ion:	96	Resp:	4124
Ion Ratio	Lower	Upper	
96	100		
61	160.4	129.8	194.6
98	60.6	51.0	76.6





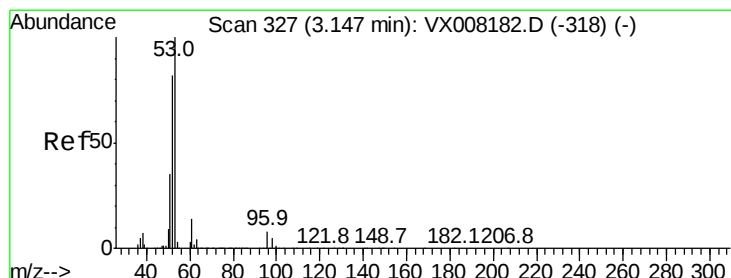
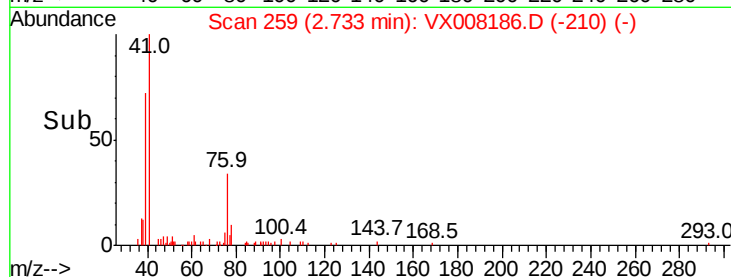
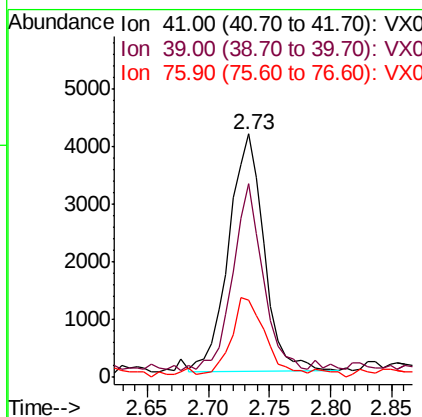
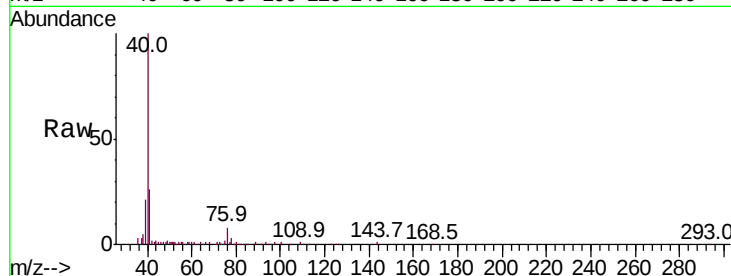
#14
Allvl chloride
Concen: 0.791 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	41	Resp:	8151
Ion Ratio	Lower	Upper	
41	100		
39	67.8	46.1	69.1
76	29.8	24.0	36.0

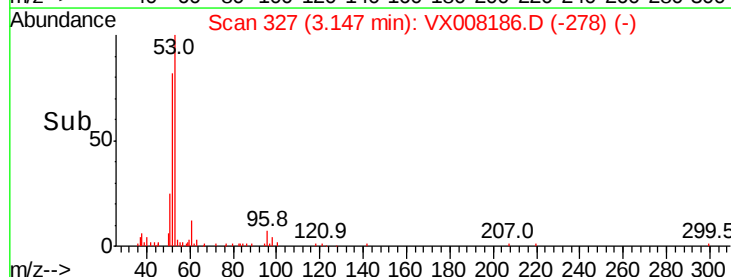
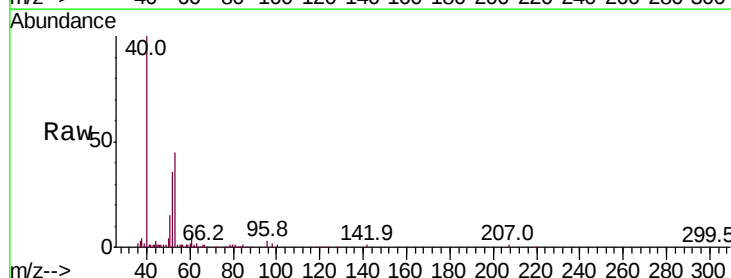
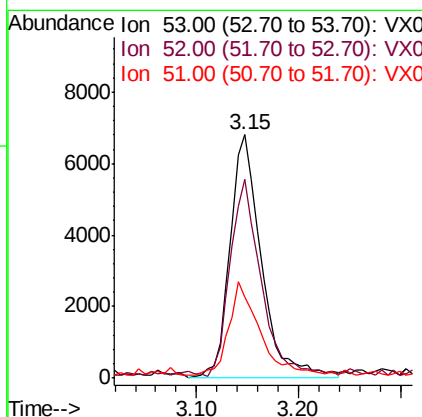
Manual Integrations
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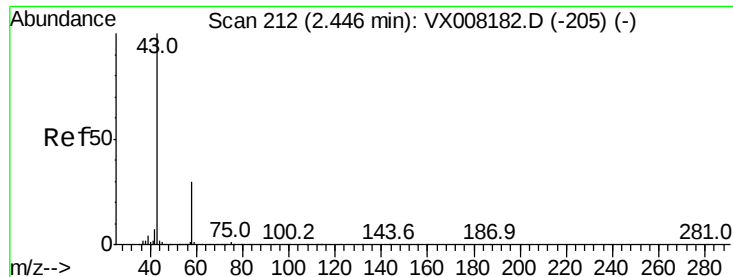
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#15
Acrylonitrile
Concen: 4.462 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion:	53	Resp:	14594
Ion Ratio	Lower	Upper	
53	100		
52	79.3	66.0	99.0
51	37.8	28.0	42.0





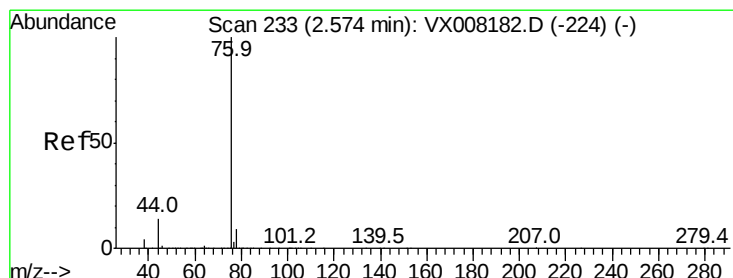
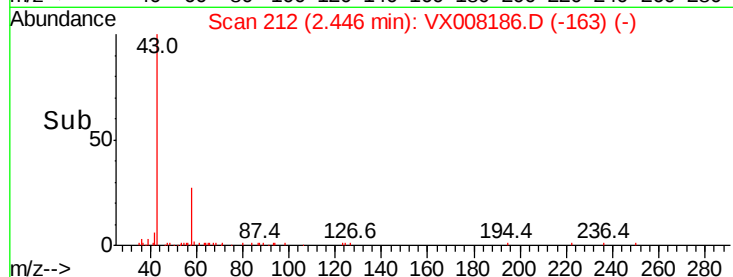
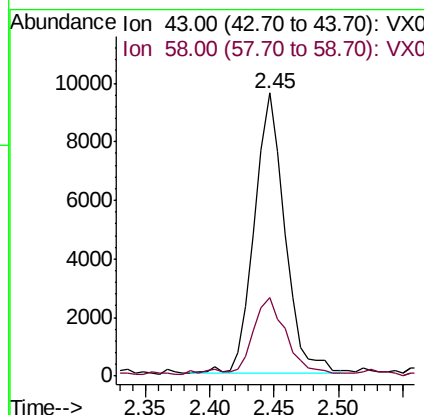
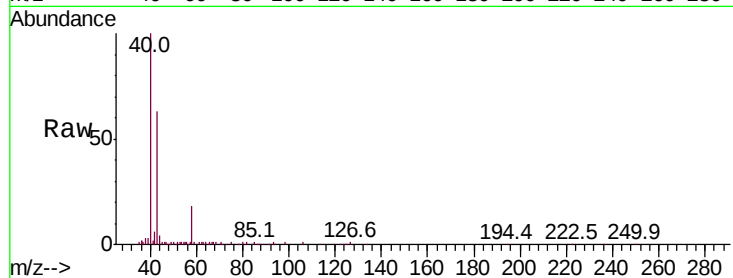
#16
Acetone
Concen: 4.858 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 15504
Ion Ratio Lower Upper
43 100
58 26.7 25.5 38.3

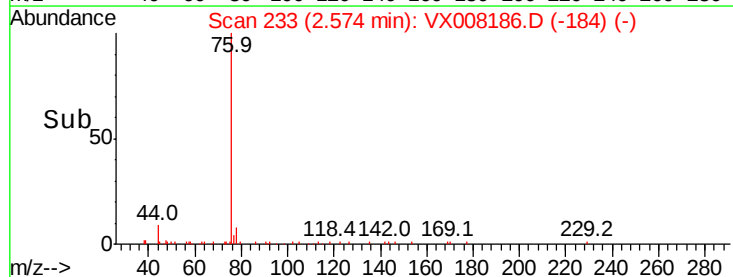
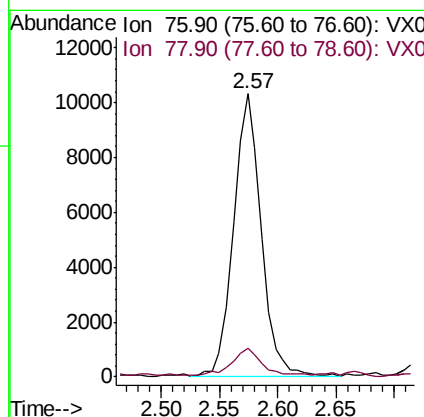
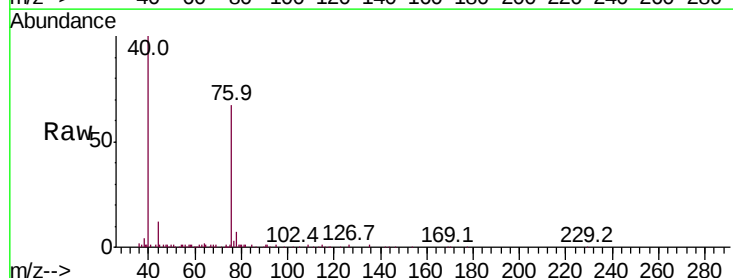
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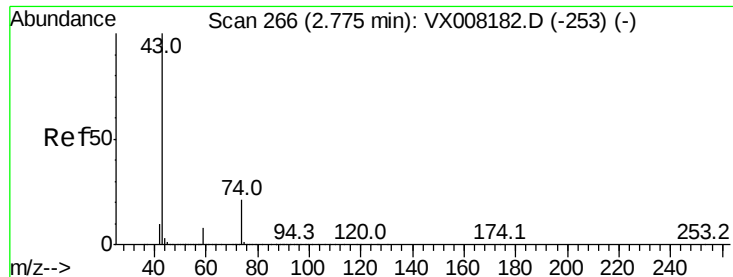
MMDadoda
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#17
Carbon Disulfide
Concen: 1.188 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion: 76 Resp: 17144
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8





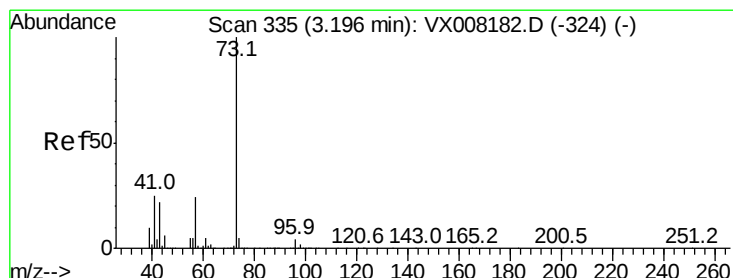
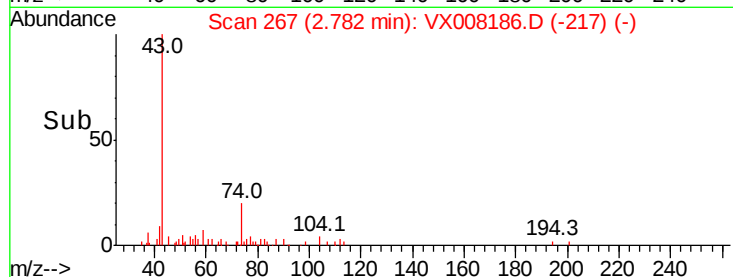
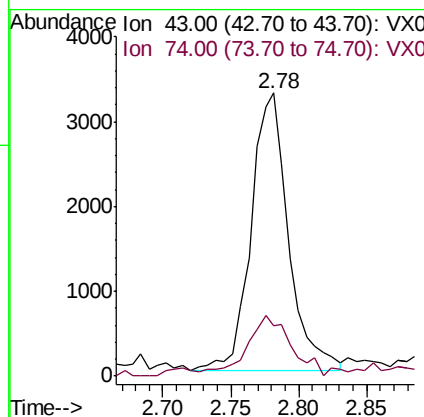
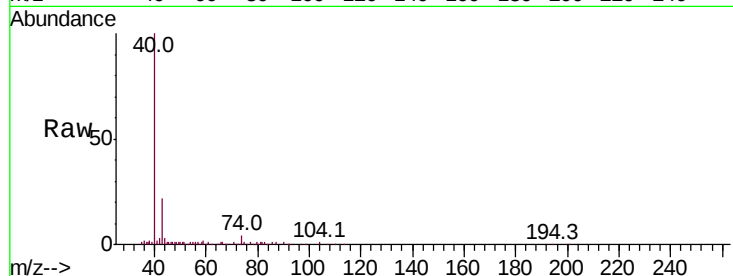
#18
Methyl Acetate
Concen: 0.809 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.8	26.6

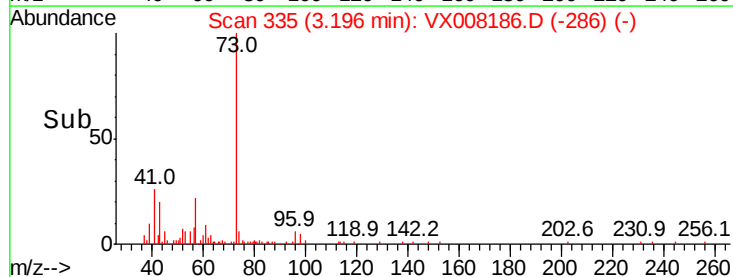
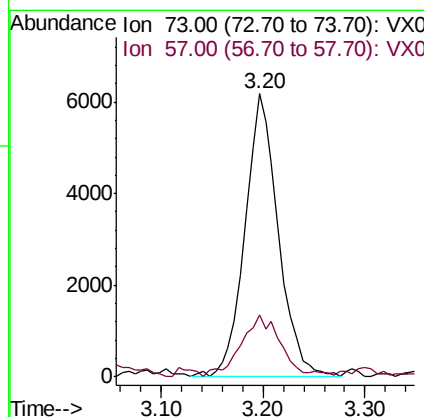
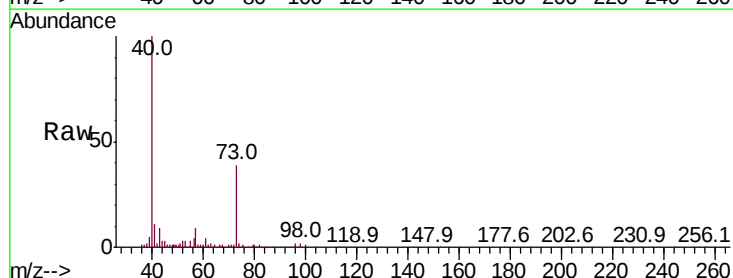
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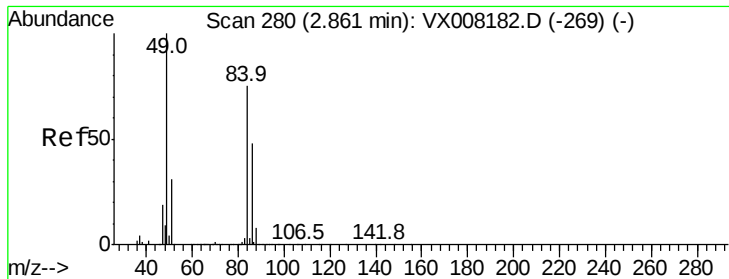
MMDadoda
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#19
Methyl tert-butyl Ether
Concen: 0.827 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion	Ratio	Lower	Upper
73	100		
57	19.8	18.2	27.4





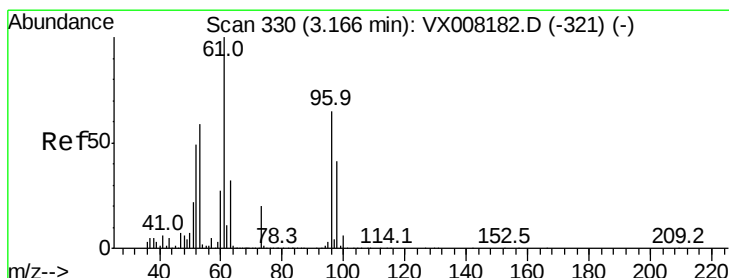
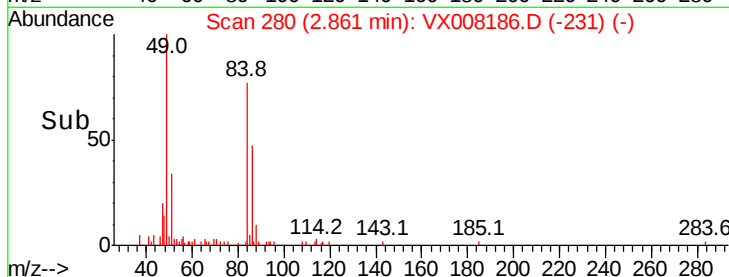
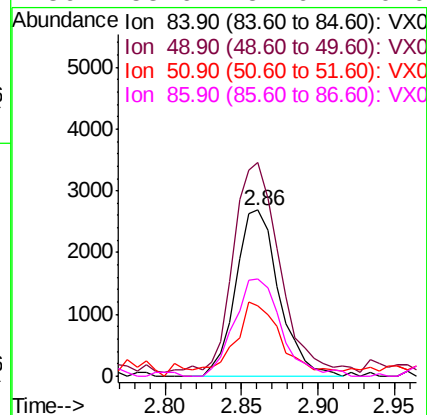
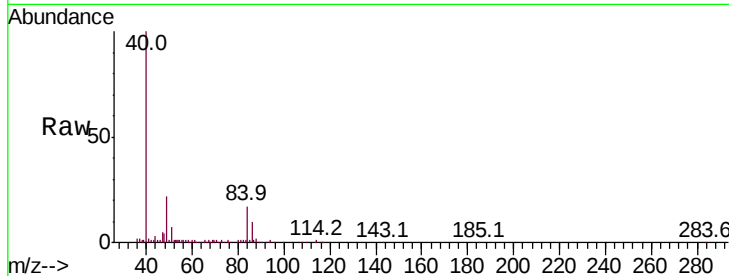
#20
Methvlene Chloride
Concen: 0.999 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	5279
Ion	Ratio	Lower	Upper
84	100		
49	122.3	99.3	148.9
51	39.4	31.3	46.9
86	58.6	52.6	79.0

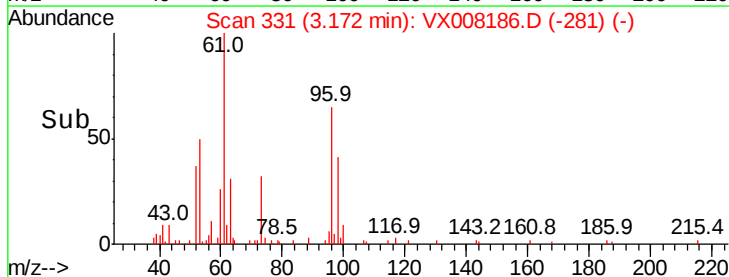
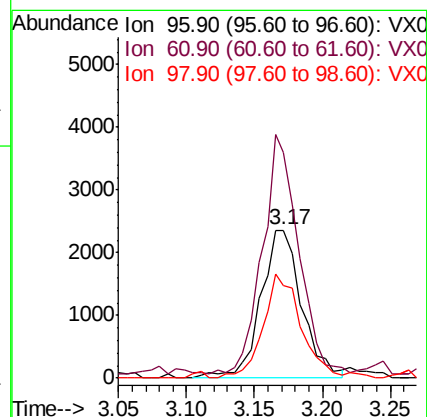
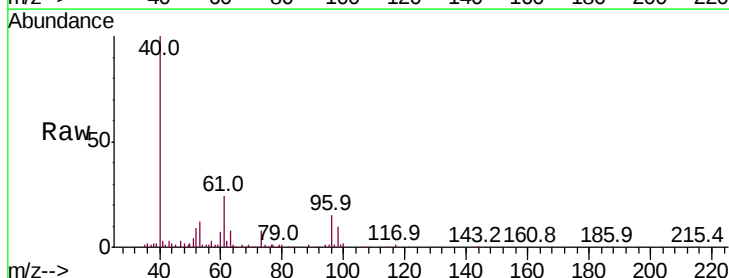
Manual Integrations
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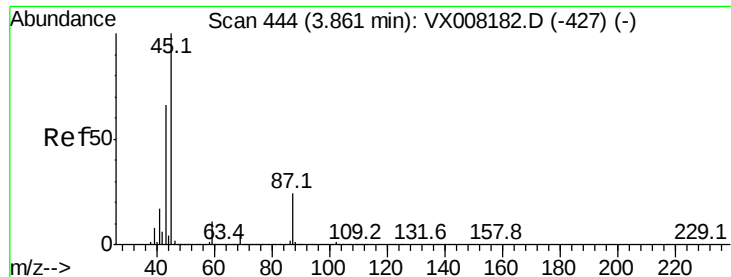
MMDadoda
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#21
trans-1,2-Dichloroethene
Concen: 1.017 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion:	96	Resp:	4985
Ion	Ratio	Lower	Upper
96	100		
61	149.2	114.4	171.6
98	60.4	51.1	76.7





#22

Diisopropyl ether

Concen: 0.809 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 45 Resp: 16370

Ion Ratio Lower Upper

45 100

43 88.2 45.3 67.9#

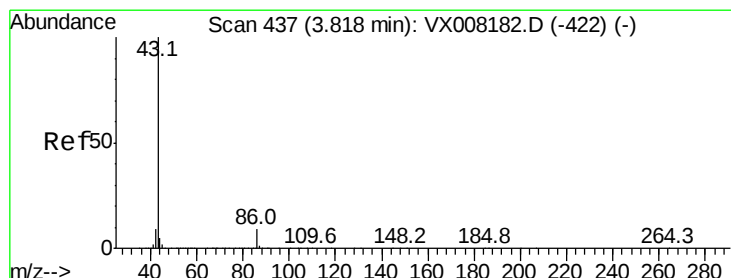
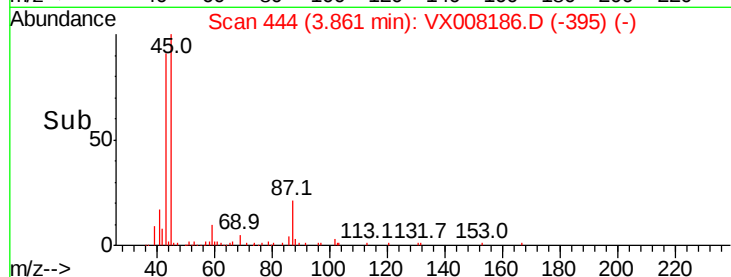
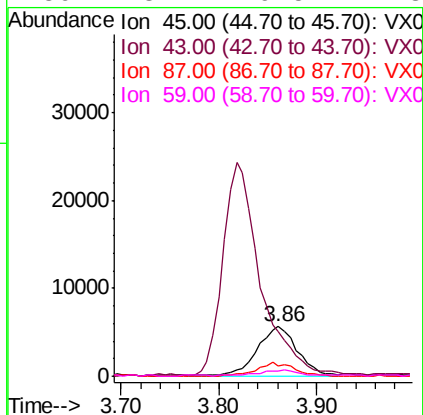
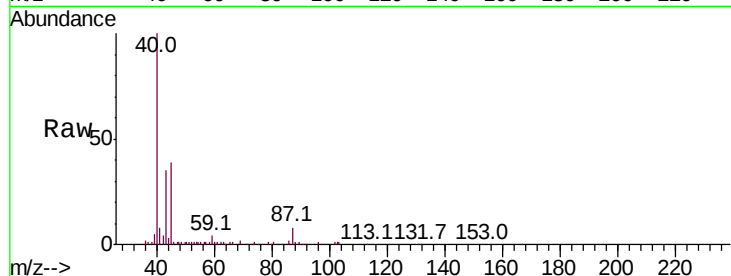
87 21.3 21.4 32.0#

59 8.4 9.5 14.3#

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#23

Vinyl Acetate

Concen: 3.613 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008186.D

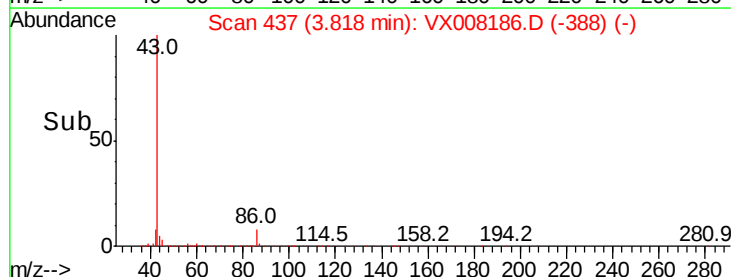
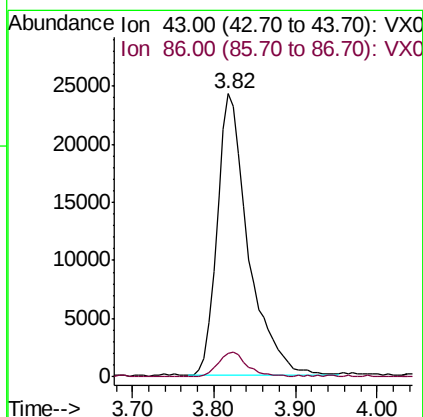
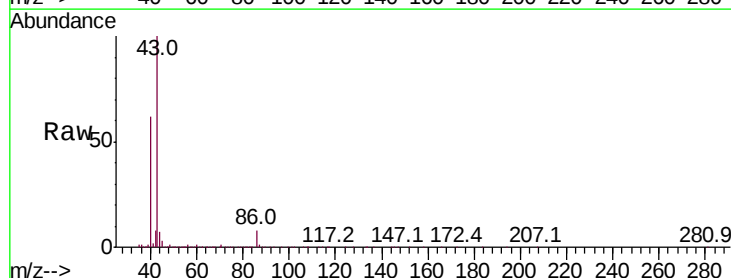
Acq: 19 Mar 2019 12:48

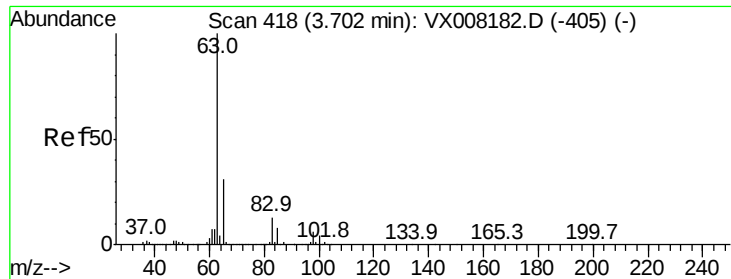
Tgt Ion: 43 Resp: 64458

Ion Ratio Lower Upper

43 100

86 8.3 7.9 11.9





#24

1,1-Dichloroethane

Concen: 0.860 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

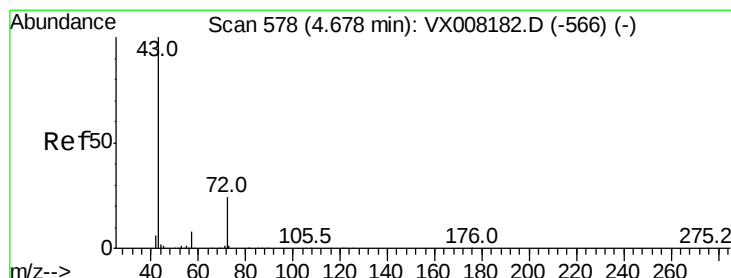
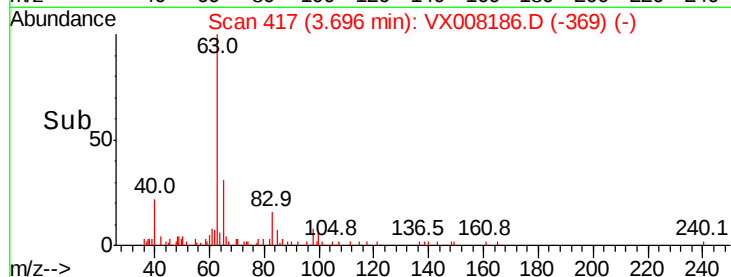
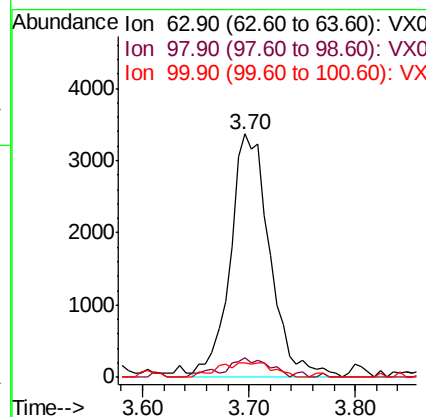
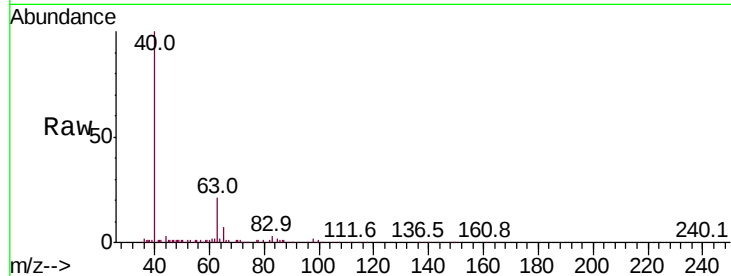
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	8761
Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.3	9.8
100	5.8	2.3	6.8

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#25

2-Butanone

Concen: 4.205 ug/l

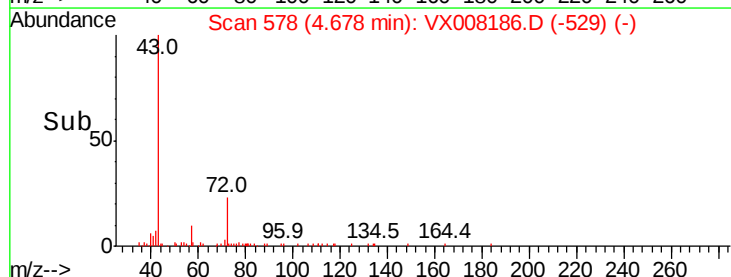
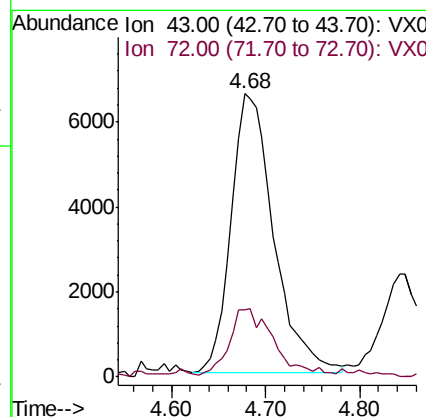
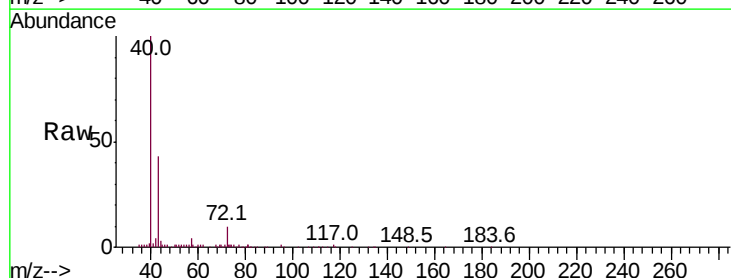
RT: 4.68 min Scan# 578

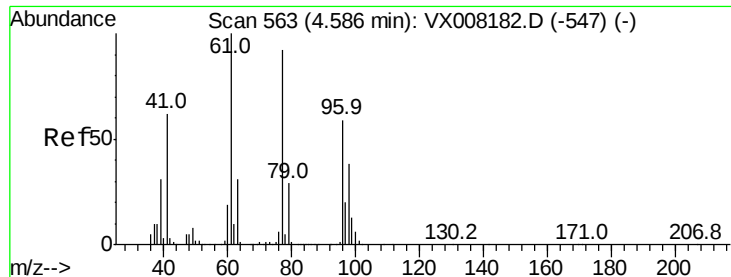
Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tgt Ion:	43	Resp:	20601
Ion	Ratio	Lower	Upper
43	100		
72	23.2	19.9	29.9





#26

2,2-Dichloropropane

Concen: 0.858 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 77 Resp: 6652

Ion Ratio Lower Upper

77 100

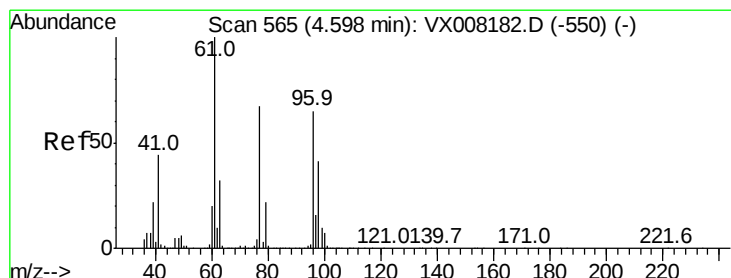
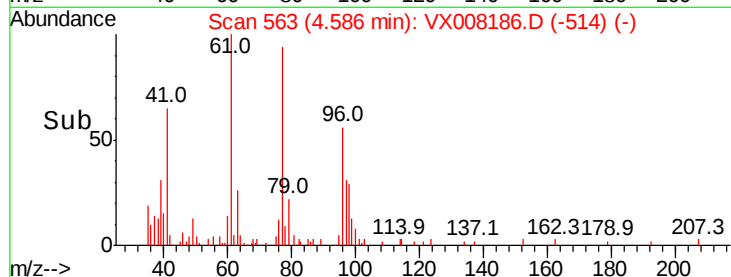
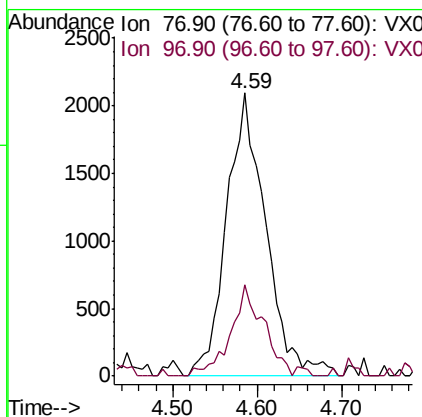
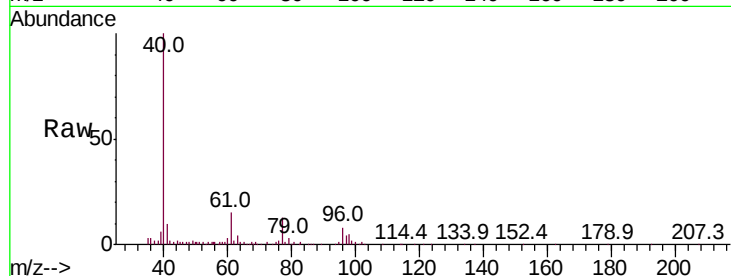
97 27.1 12.2 36.6

Manual Integrations

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#27

cis-1,2-Dichloroethene

Concen: 0.948 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

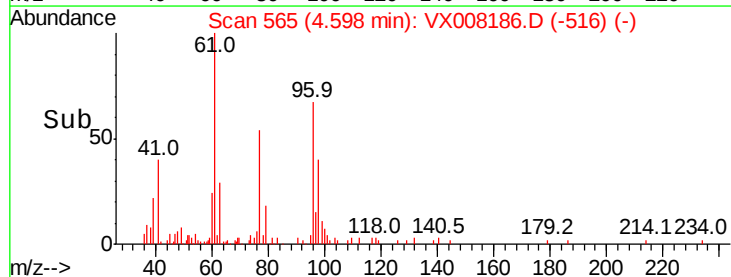
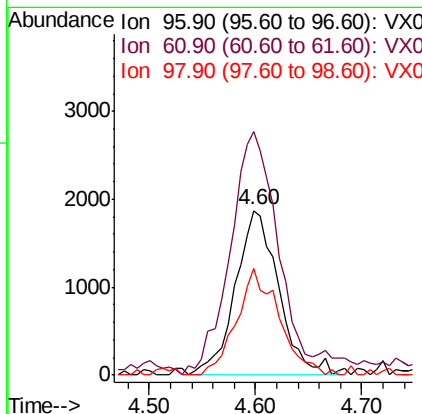
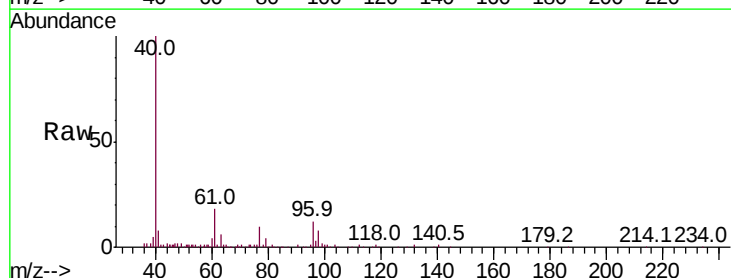
Tgt Ion: 96 Resp: 5338

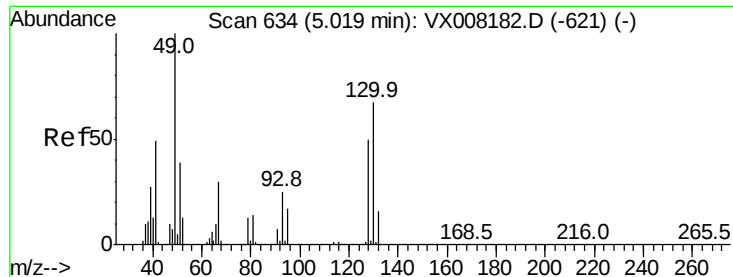
Ion Ratio Lower Upper

96 100

61 161.4 0.0 288.0

98 63.4 0.0 129.0





#28

Bromochloromethane

Concen: 1.146 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

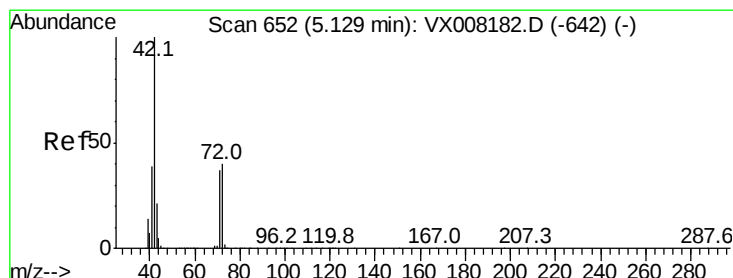
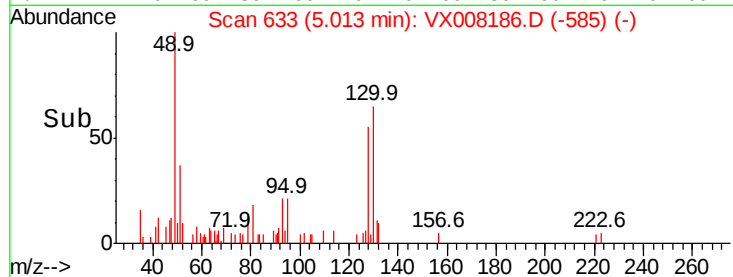
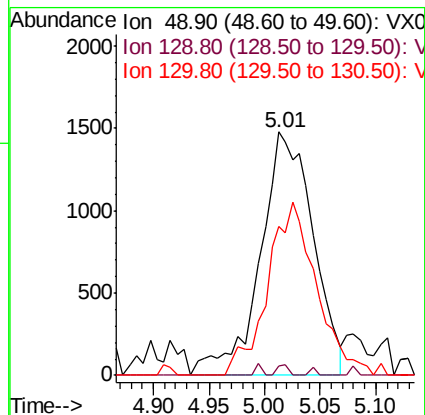
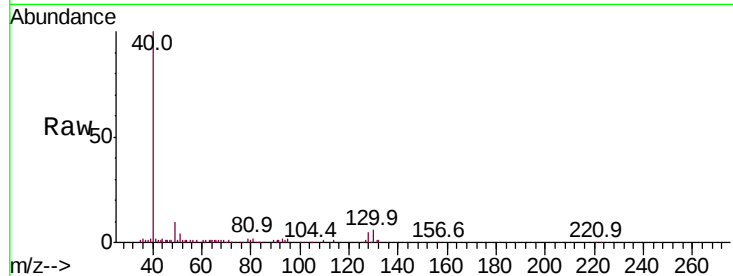
ClientSampleId :

VSTDIC001

Tot Ion:	49	Resp:	4905
Ion Ratio	Lower	Upper	
49	100		
129	0.9	0.0	4.0
130	65.8	65.0	97.4

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#29

Tetrahydrofuran

Concen: 3.638 ug/l

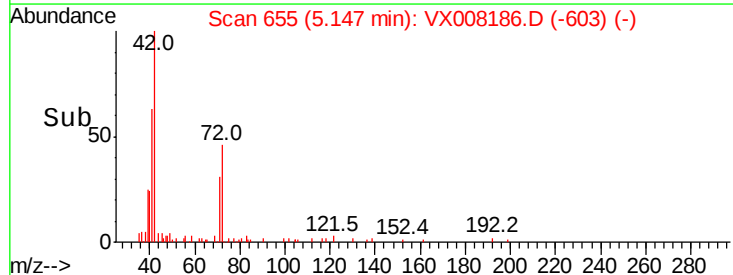
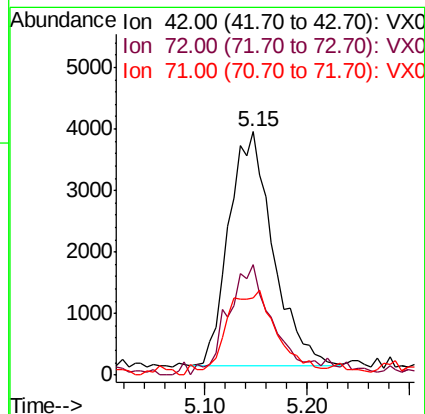
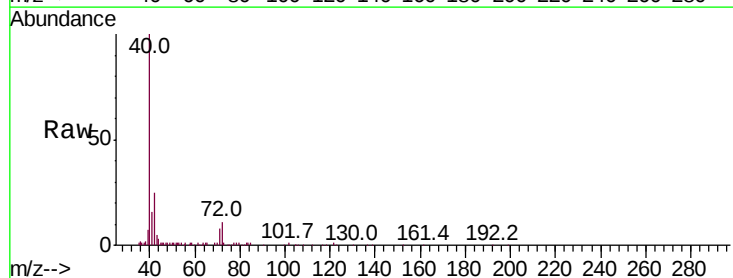
RT: 5.15 min Scan# 655

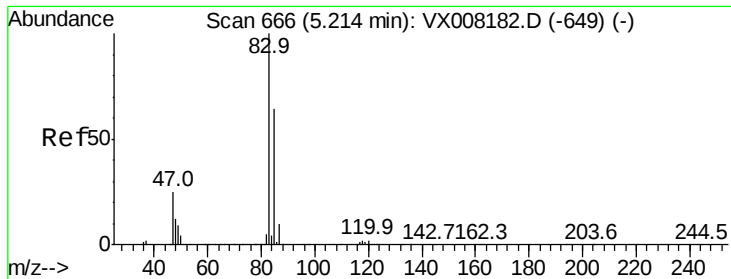
Delta R.T. 0.02 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tgt Ion:	42	Resp:	11485
Ion Ratio	Lower	Upper	
42	100		
72	47.8	33.8	50.6
71	42.0	31.5	47.3





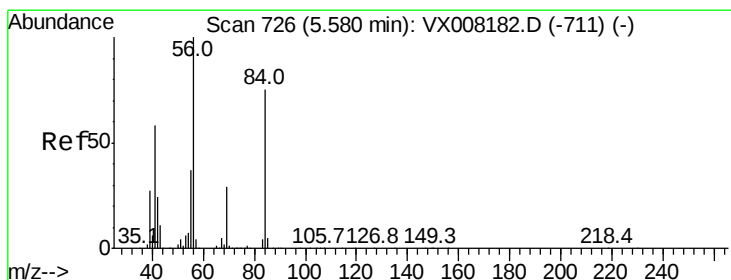
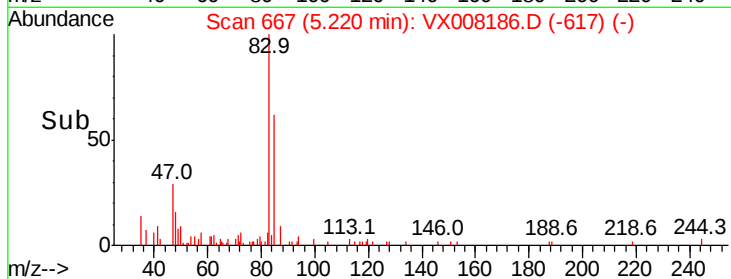
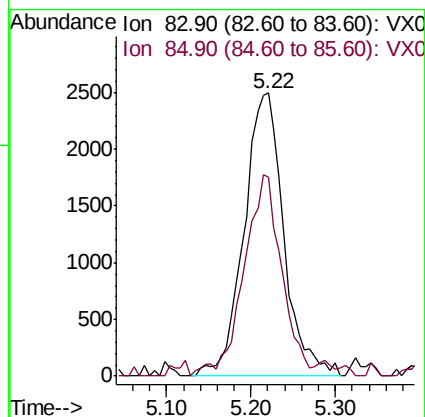
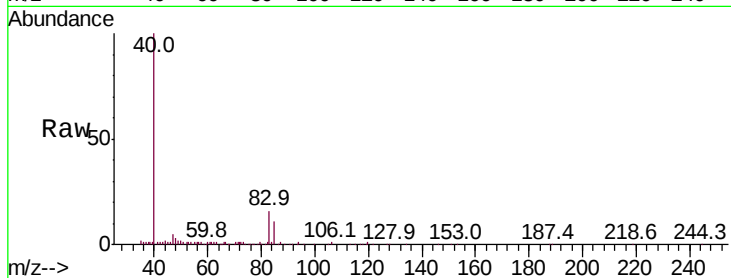
#30
Chloroform
Concen: 0.838 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 8016
Ion Ratio Lower Upper
83 100
85 70.2 51.8 77.6

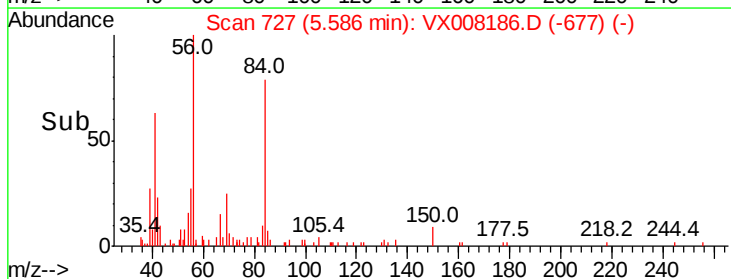
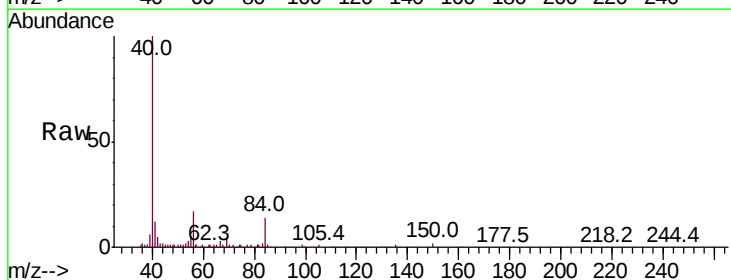
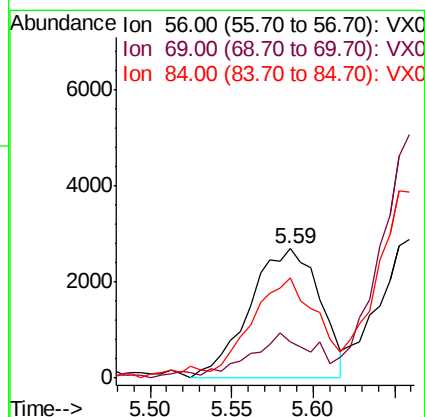
Manual Integrations
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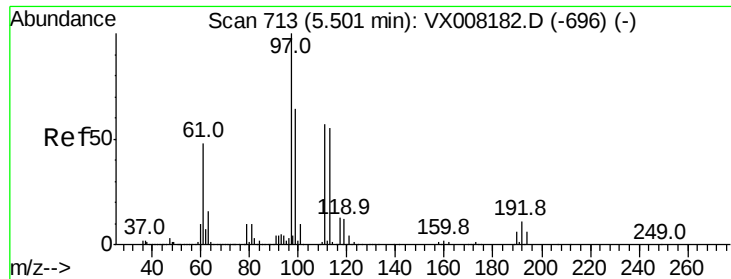
MMDadoda
3/20/2019 10:28:22 AM



#31
Cyclohexane
Concen: 0.810 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion: 56 Resp: 8057
Ion Ratio Lower Upper
56 100
69 23.4 24.0 36.0#
84 68.3 65.3 97.9





#32

1,1,1-Trichloroethane

Concen: 0.801 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 6432

Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

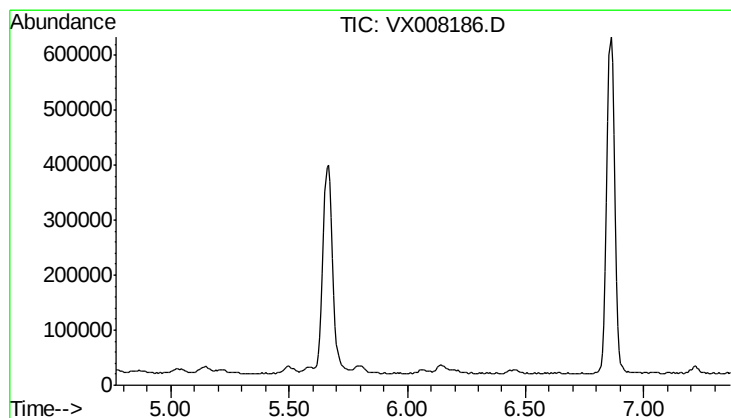
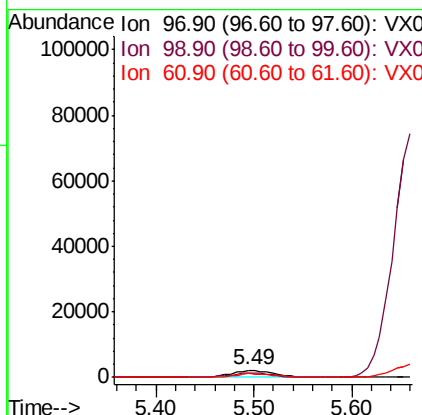
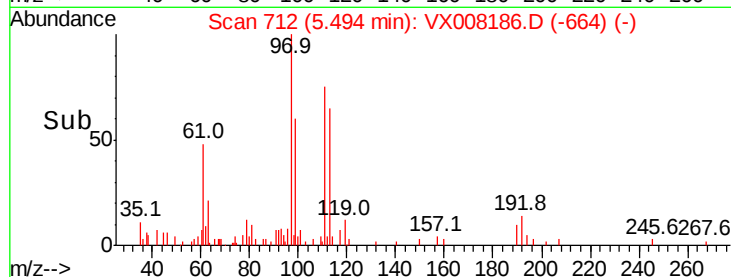
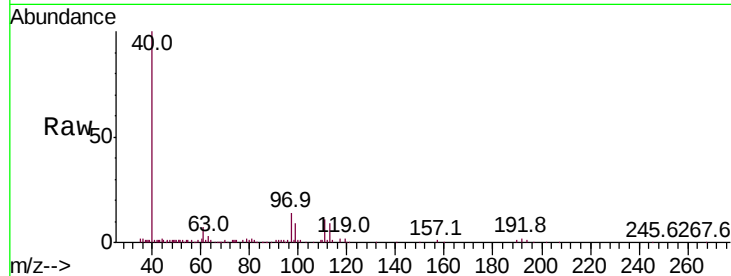
61 57.1 34.9 52.3#

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.07 min

Lab File: VX008186.D

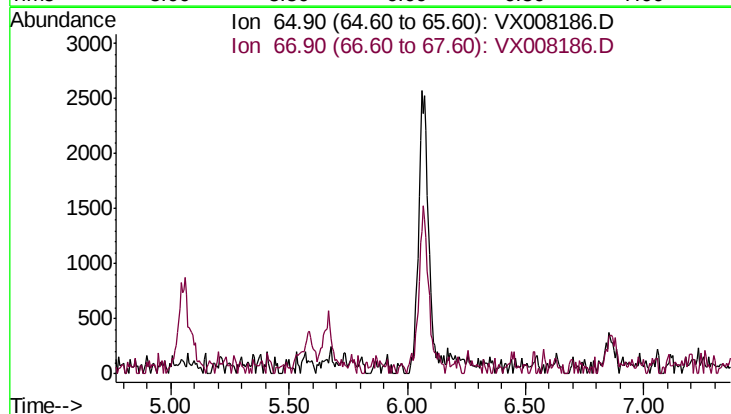
Acq: 19 Mar 2019 12:48

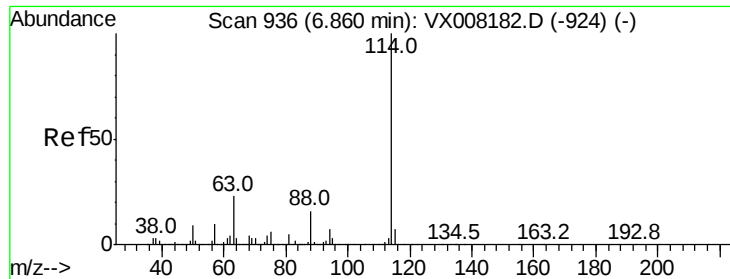
Tgt Ion: 65

Sig Exp Ratio

65 100

67 55.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

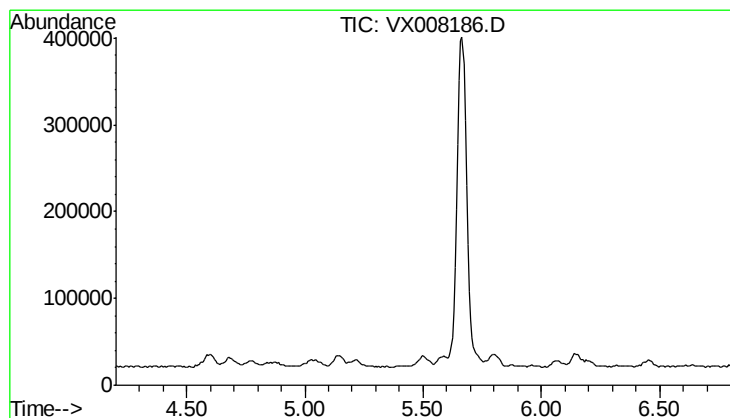
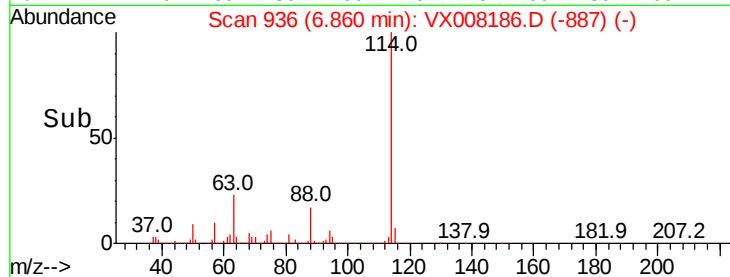
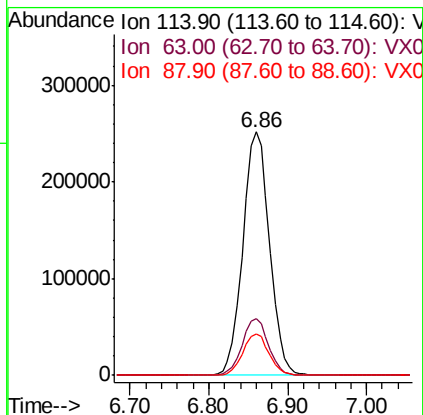
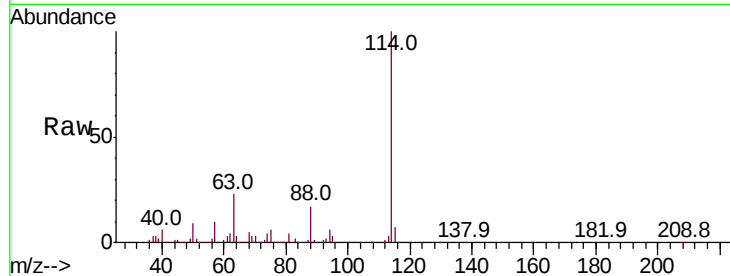
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.2	0.0	39.8
88	16.8	0.0	31.4

Manual Integrations
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#35

Dibromofluoromethane

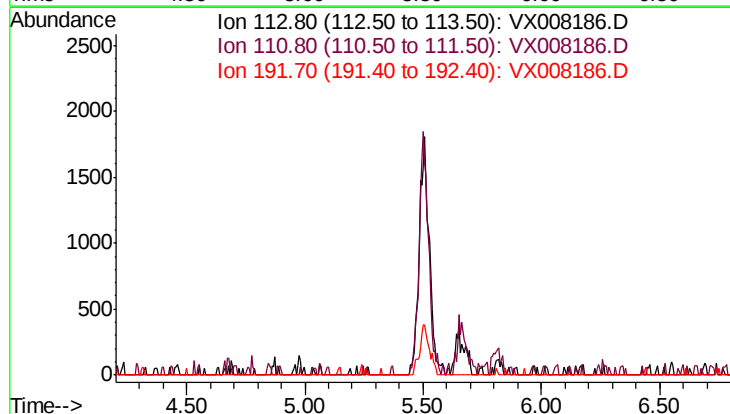
Concen: 0.000 ug/l

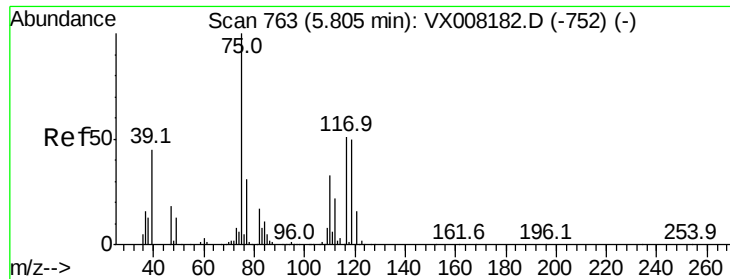
Expected RT: 5.50 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tgt Ion	Exp Ratio
113	100
111	101.7
192	24.2





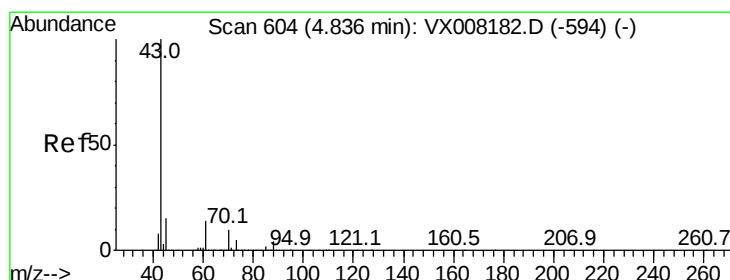
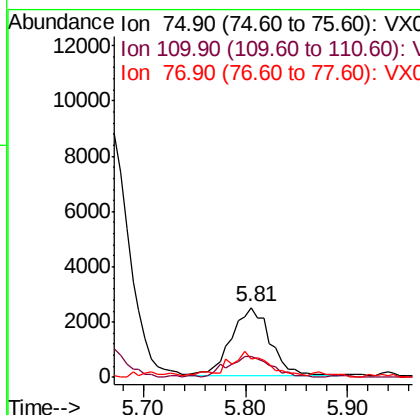
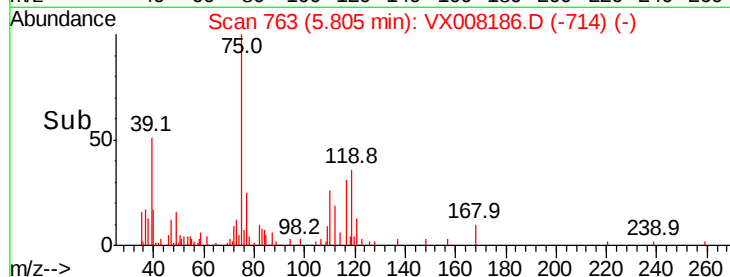
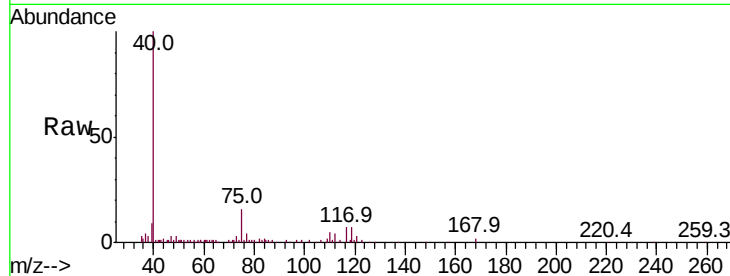
#36
 1,1-Dichloropropene
 Concen: 0.894 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.4	55.0
77	38.4	25.0	37.4

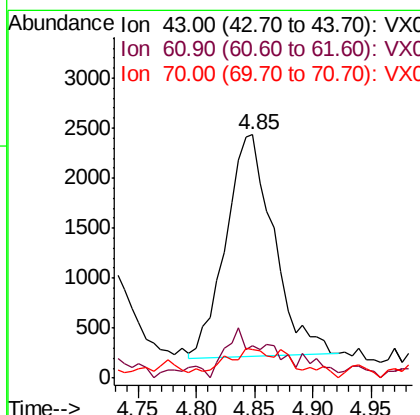
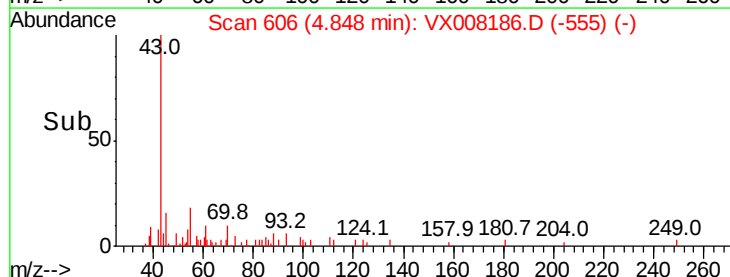
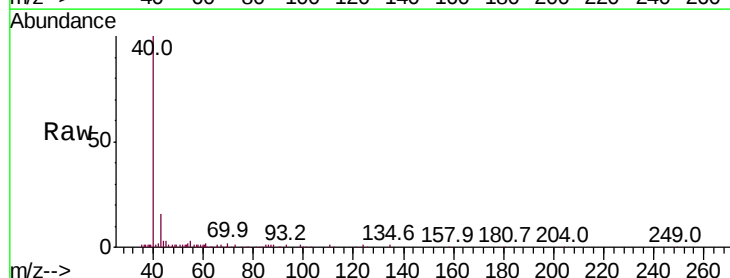
Manual Integrations
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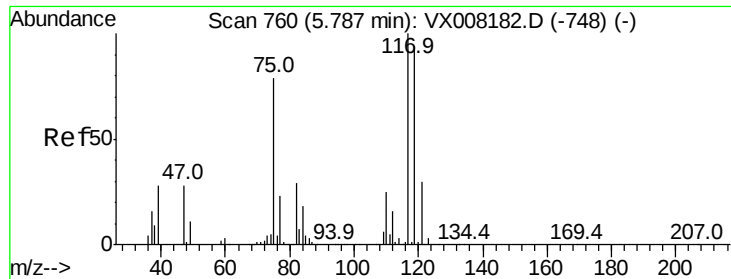
MMDadoda
 3/20/2019 10:28:22 AM



#37
 Ethyl Acetate
 Concen: 0.690 ug/l
 RT: 4.85 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.3	16.9
70	7.9	8.5	12.7





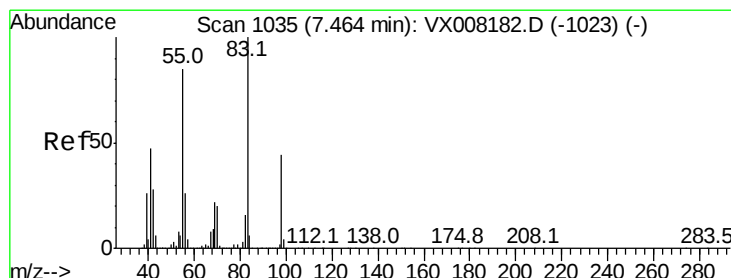
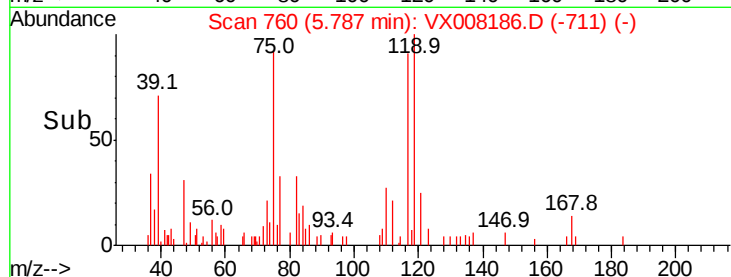
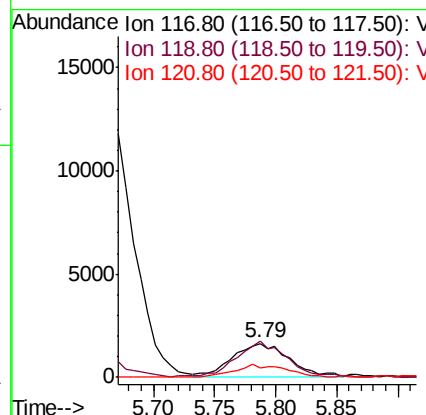
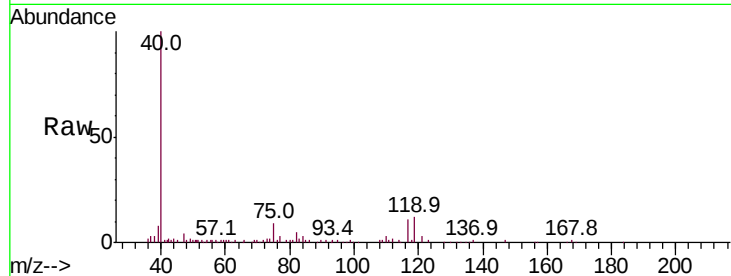
#38
Carbon Tetrachloride
Concen: 0.795 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	99.8	76.2	114.2
121	28.3	24.6	36.8

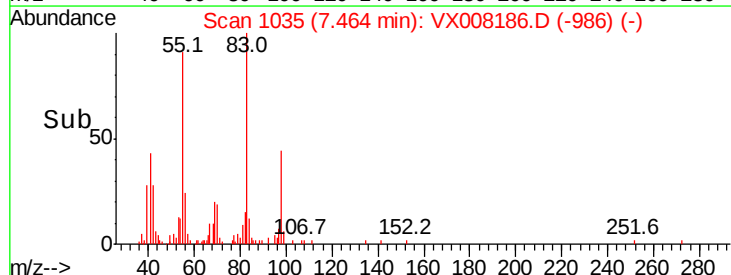
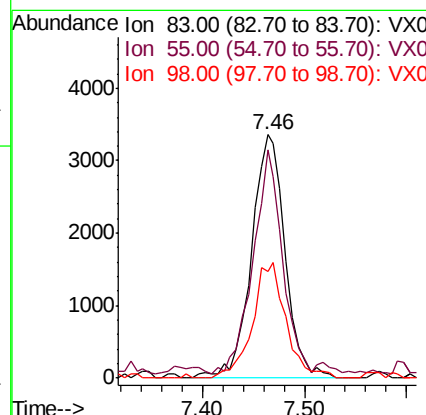
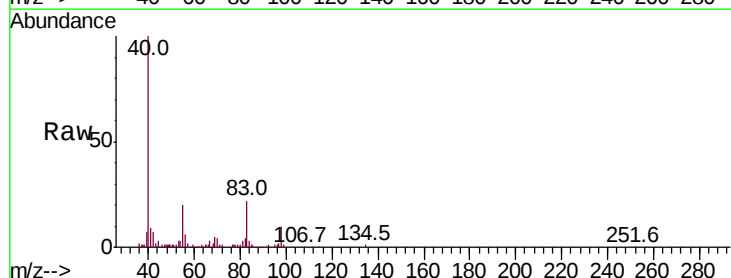
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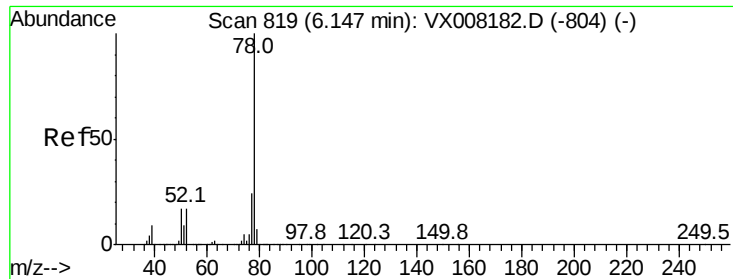
MMDadoda
3/20/2019 10:28:22 AM



#39
Methylcyclohexane
Concen: 0.841 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion	Ratio	Lower	Upper
83	100		
55	91.8	60.4	90.6#
98	43.8	36.5	54.7





#40

Benzene

Concen: 0.816 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 18069

Ion Ratio Lower Upper

78 100

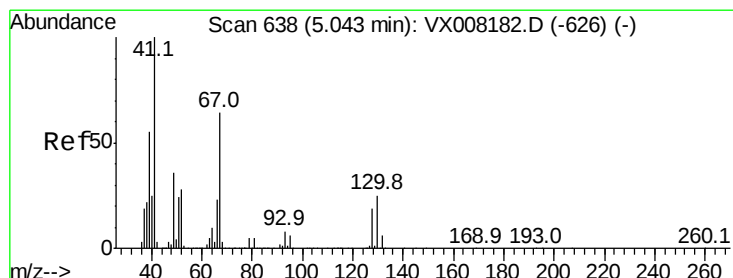
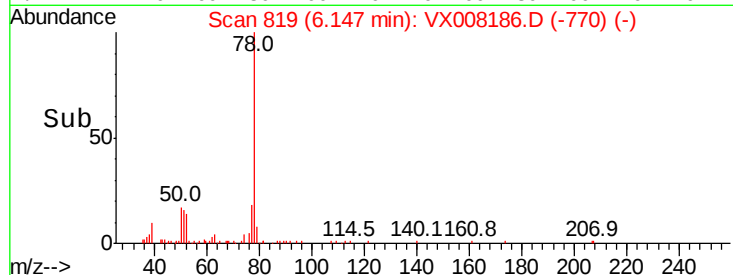
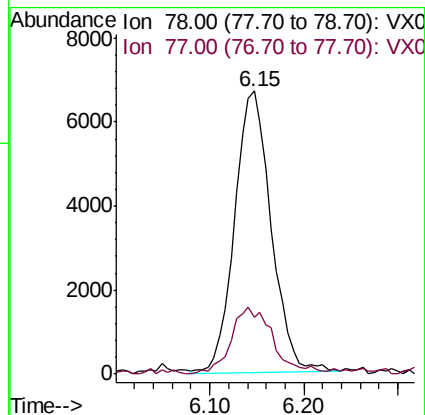
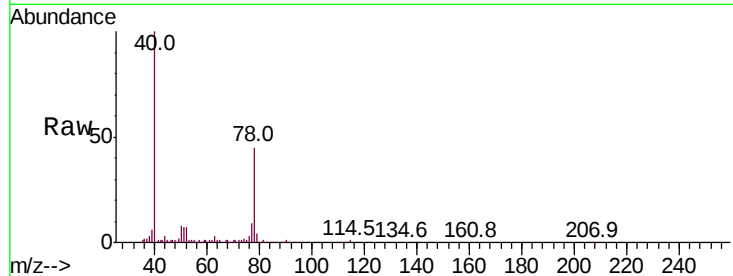
77 20.2 19.0 28.4

Manual Integrations

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3/20/2019 10:28:22 AM



#41

Methacrylonitrile

Concen: 0.718 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tgt Ion: 41 Resp: 3700

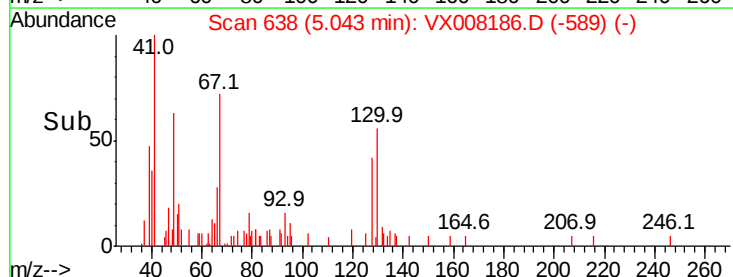
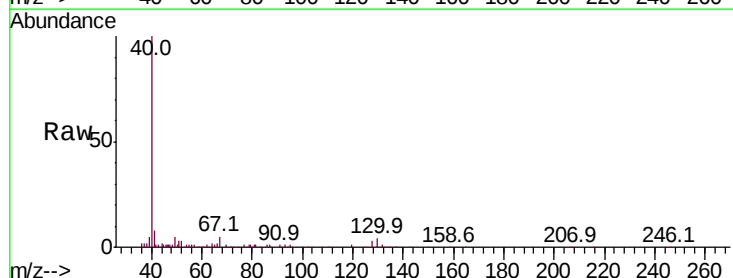
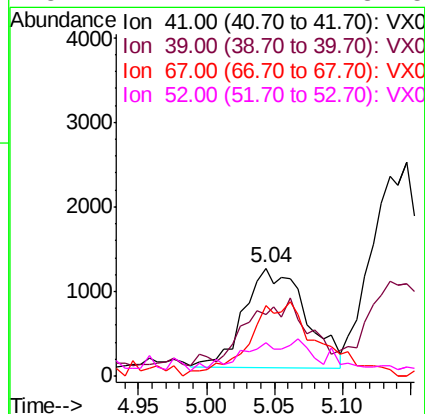
Ion Ratio Lower Upper

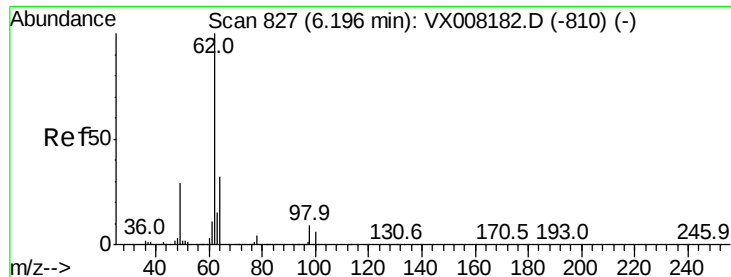
41 100

39 0.0 41.6 62.4#

67 0.0 55.8 83.6#

52 17.1 21.7 32.5#





#42

1,2-Dichloroethane

Concen: 0.856 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 6860

Ion Ratio Lower Upper

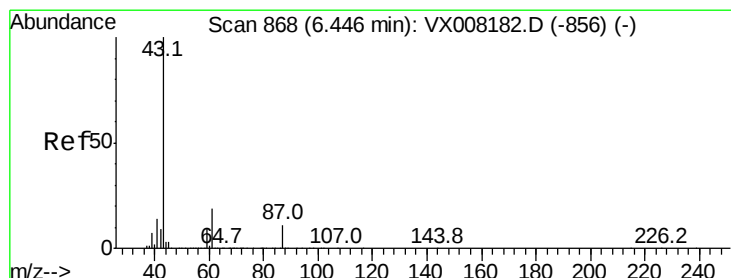
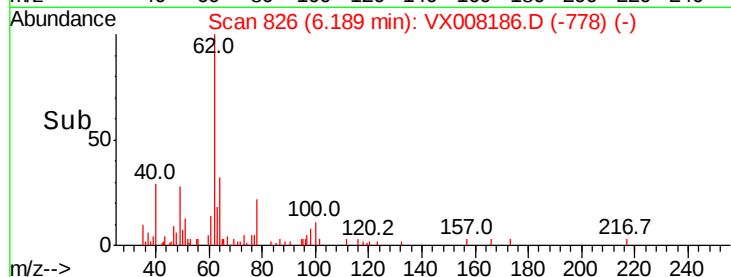
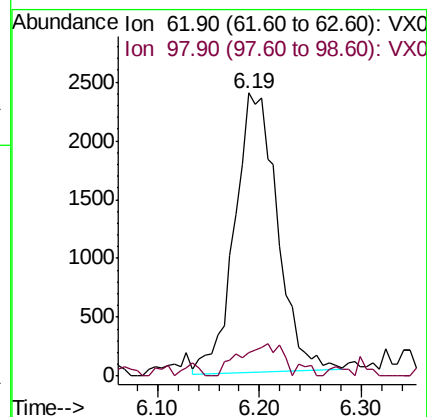
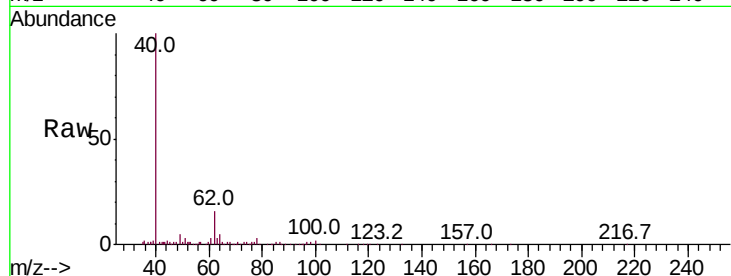
62 100

98 11.5 0.0 20.4

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#43

Isopropyl Acetate

Concen: 0.684 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

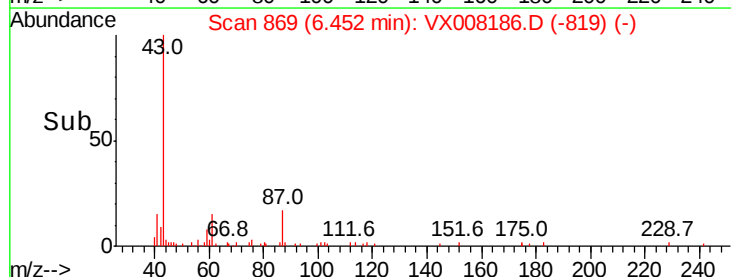
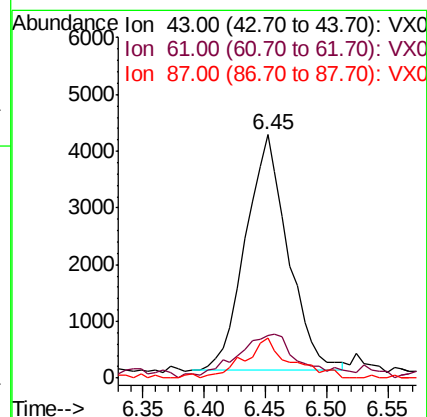
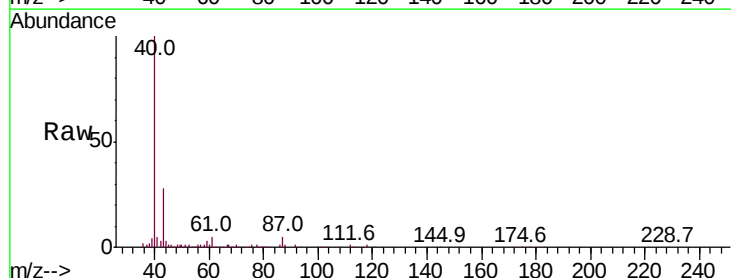
Tgt Ion: 43 Resp: 10084

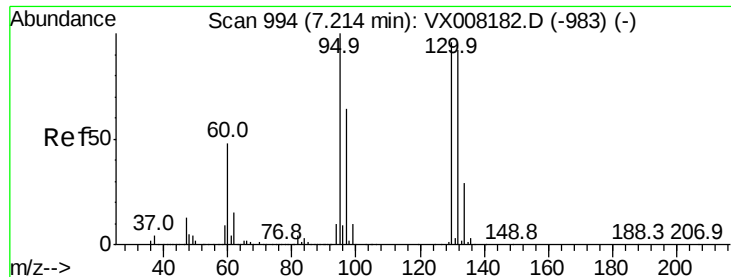
Ion Ratio Lower Upper

43 100

61 27.8 16.3 24.5#

87 18.0 10.5 15.7#





#44

Trichloroethene

Concen: 0.935 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 4931

Ion Ratio Lower Upper

130 100

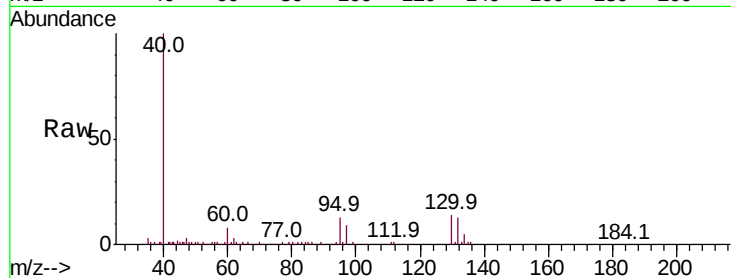
95 92.8 0.0 188.0

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

2500

2000

1500

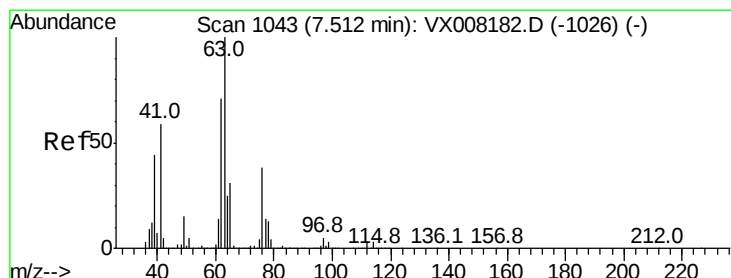
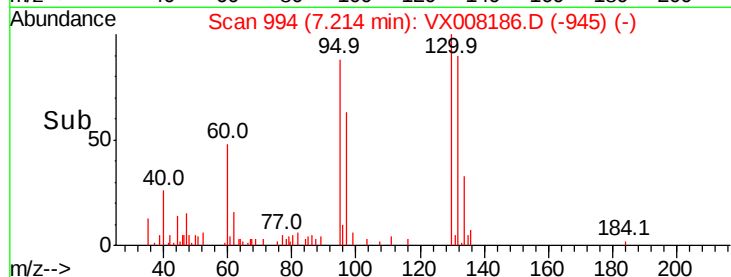
1000

500

0

7.15 7.20 7.25 7.30

Time-->



#45

1,2-Dichloropropane

Concen: 0.860 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX008186.D

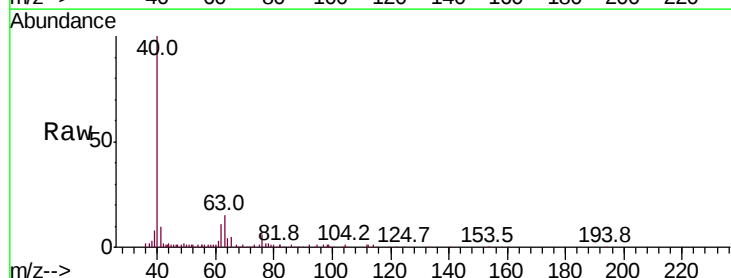
Acq: 19 Mar 2019 12:48

Tgt Ion: 63 Resp: 5240

Ion Ratio Lower Upper

63 100

65 34.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

2500

2000

1500

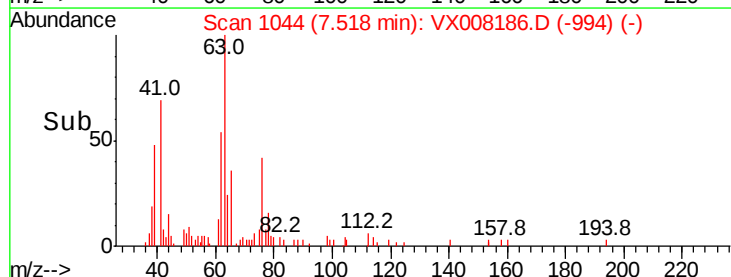
1000

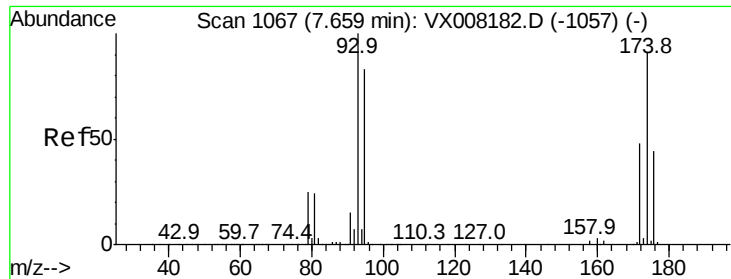
500

0

7.40 7.45 7.50 7.55 7.60

Time-->





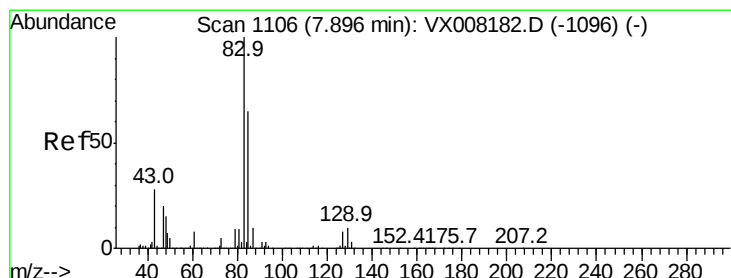
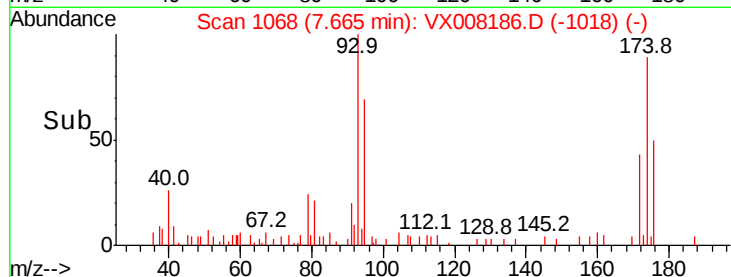
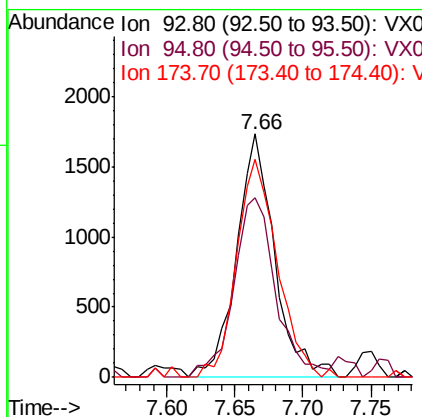
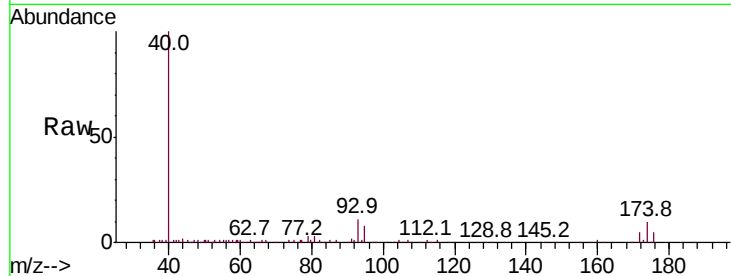
#46
Dibromomethane
Concen: 0.923 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	81.6	66.8	100.2
174	95.9	97.3	145.9#

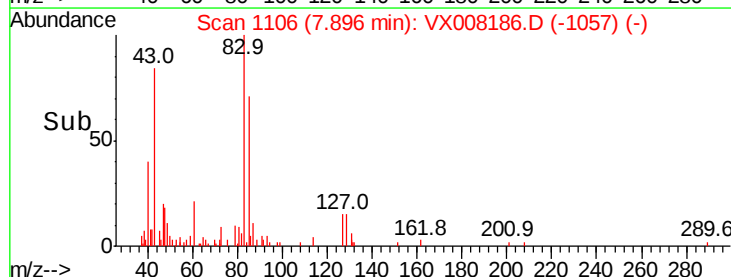
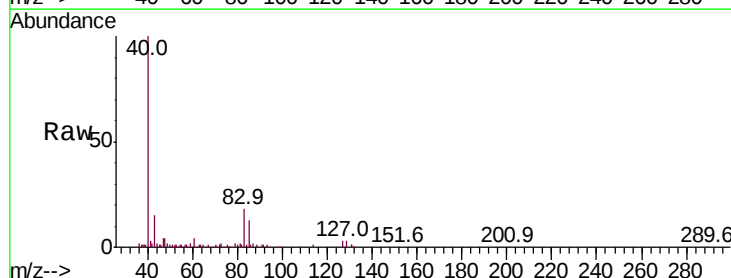
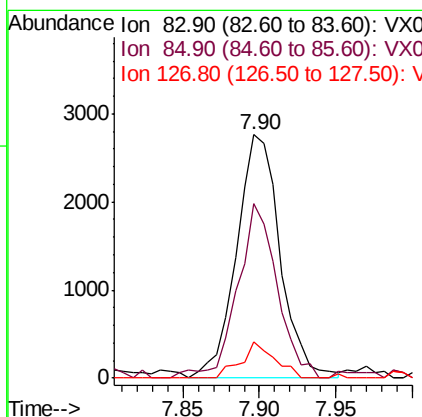
Manual Integrations
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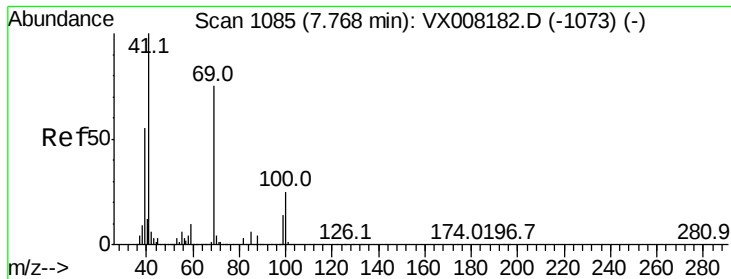
MMDadoda
3/20/2019 10:28:22 AM



#47
Bromodichloromethane
Concen: 0.754 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.6	50.9	76.3
127	14.9	7.4	11.0#





#48

Methvl methacrylate

Concen: 0.773 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

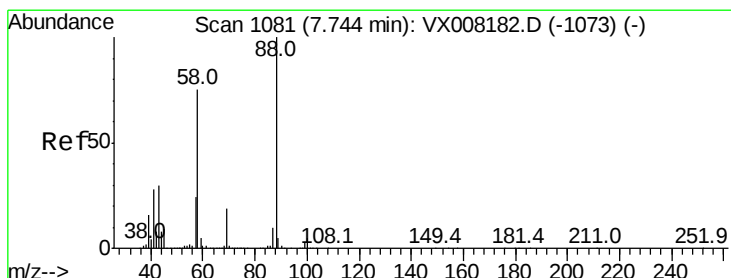
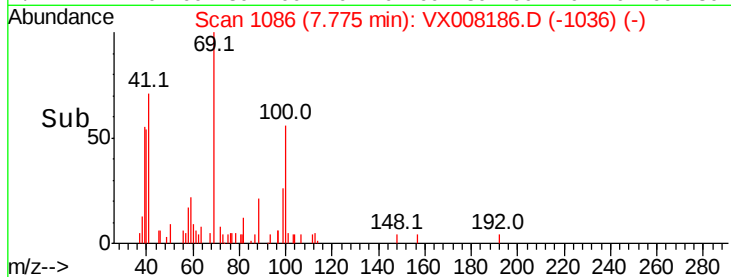
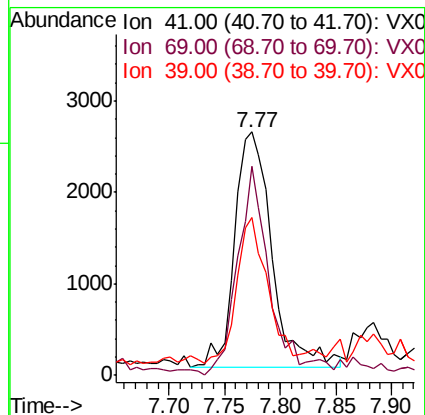
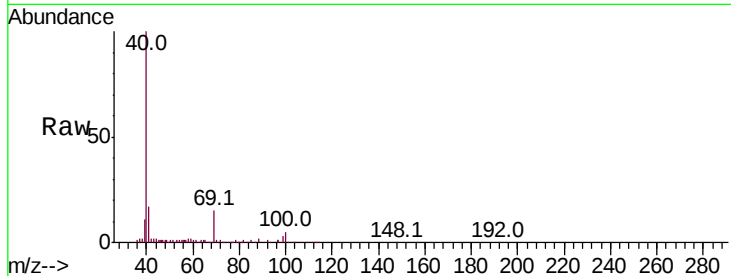
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	5999
Ion	Ratio	Lower	Upper
41	100		
69	73.2	65.2	97.8
39	51.5	39.4	59.2

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#49

1,4-Dioxane

Concen: 19.875 ug/l

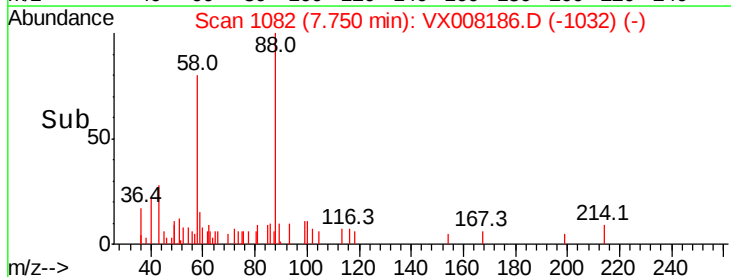
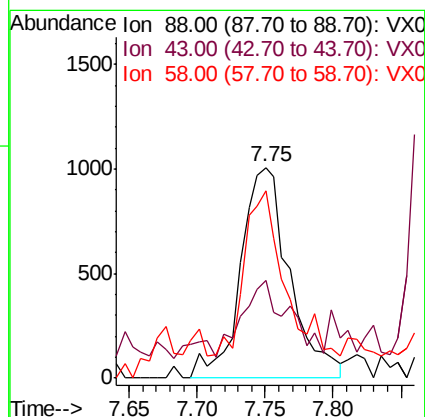
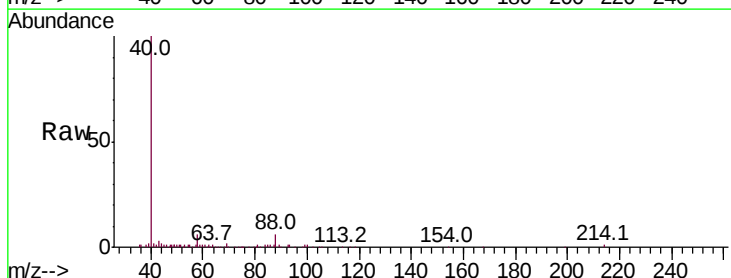
RT: 7.75 min Scan# 1082

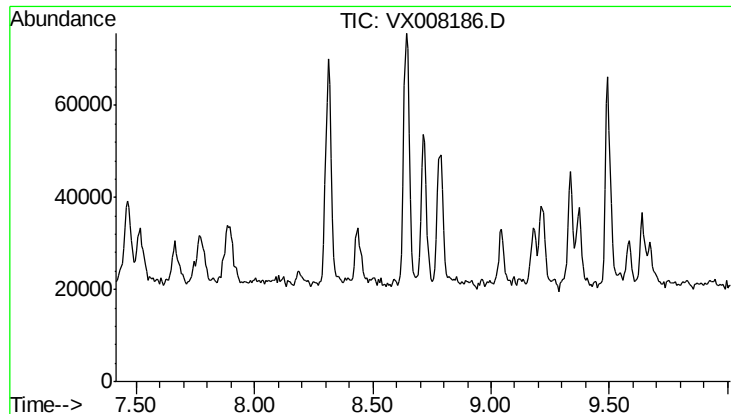
Delta R.T. 0.01 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tgt Ion:	88	Resp:	2530
Ion	Ratio	Lower	Upper
88	100		
43	34.6	25.1	37.7
58	72.1	57.8	86.6





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min

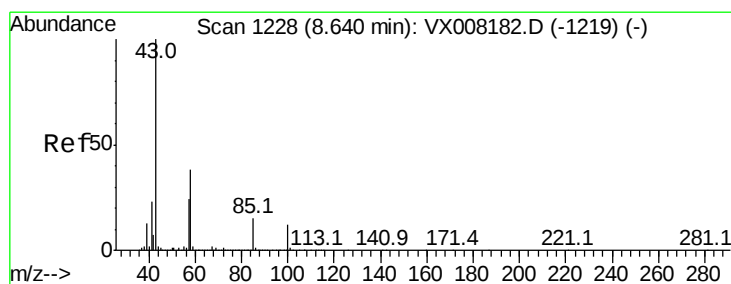
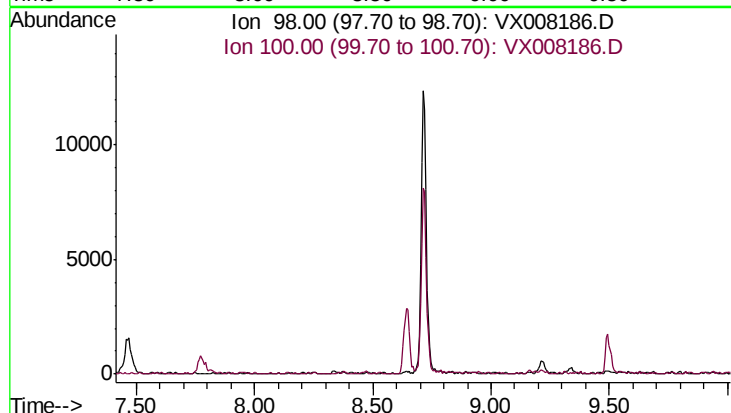
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.6

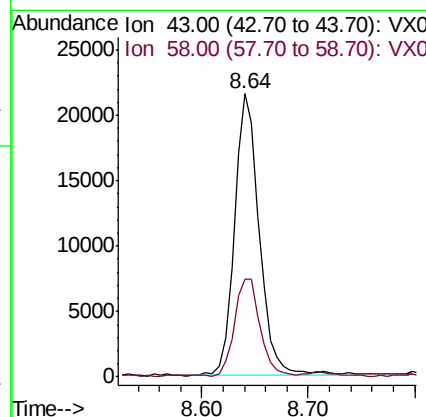
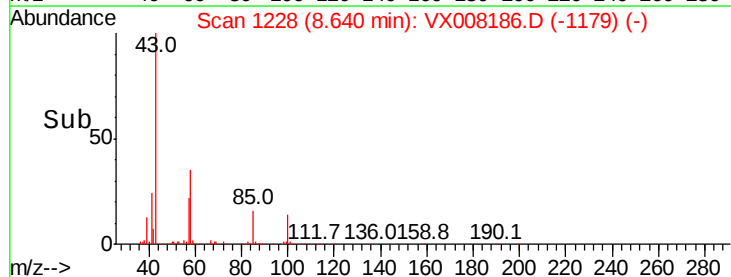
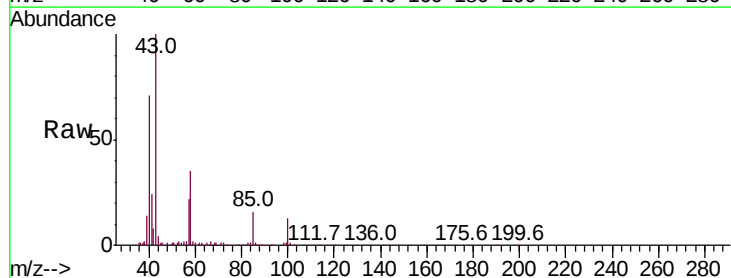
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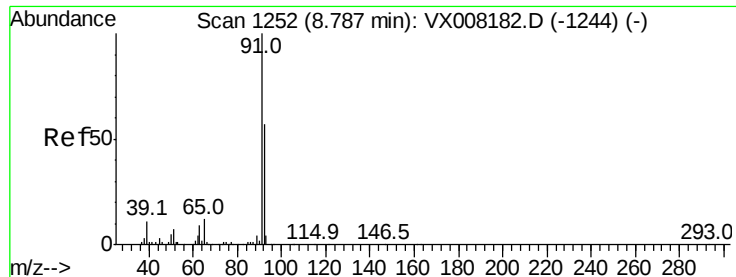
MMDadoda
3/20/2019 10:28:22 AM



#51
4-Methyl-2-Pentanone
Concen: 3.724 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion: 43 Resp: 35021
Ion Ratio Lower Upper
43 100
58 35.3 31.3 46.9





#52

Toluene

Concen: 0.847 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 11043

Ion Ratio Lower Upper

92 100

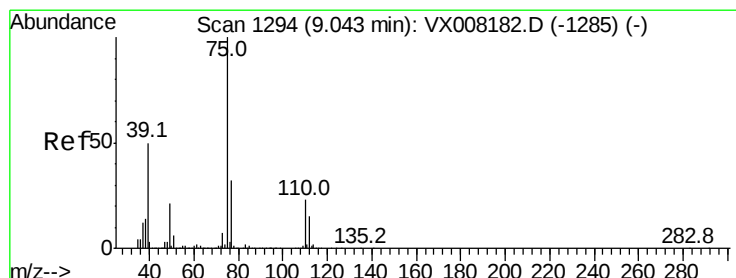
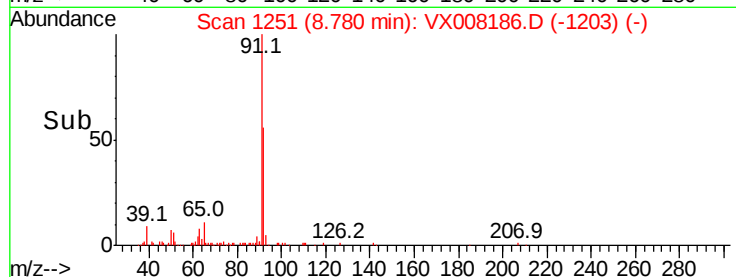
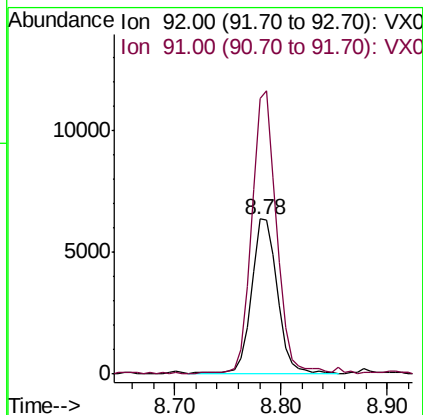
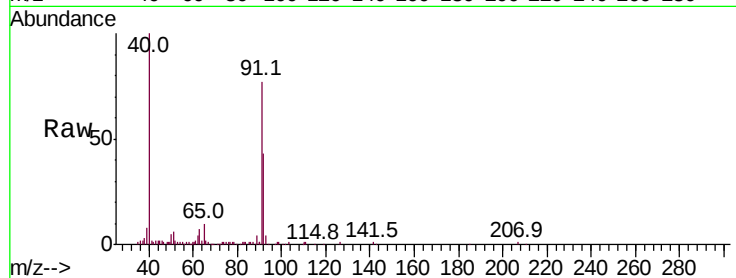
91 172.3 137.4 206.0

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#53

t-1,3-Dichloropropene

Concen: 0.707 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008186.D

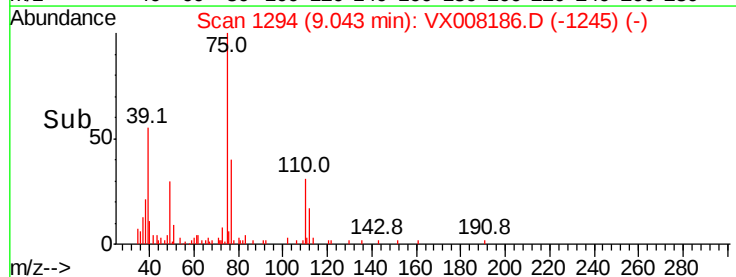
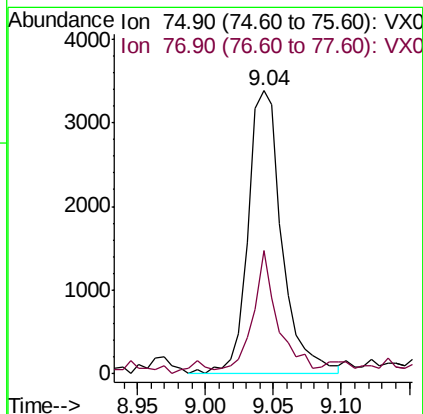
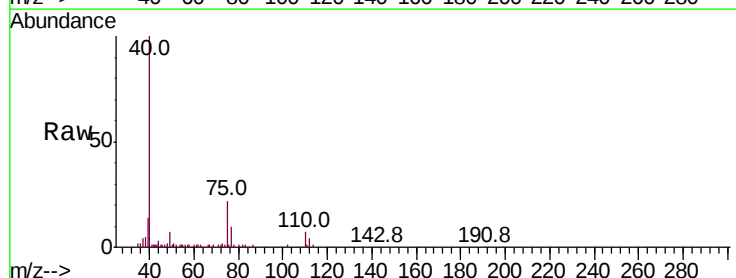
Acq: 19 Mar 2019 12:48

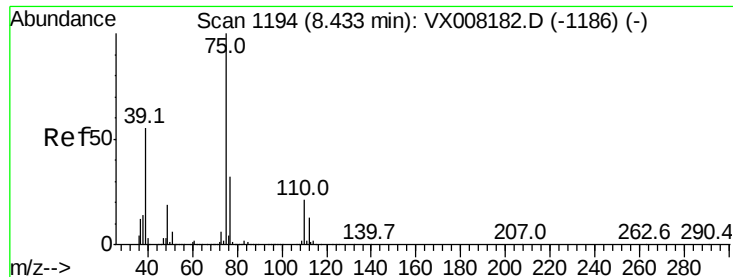
Tgt Ion: 75 Resp: 5942

Ion Ratio Lower Upper

75 100

77 41.6 25.4 38.0#





#54

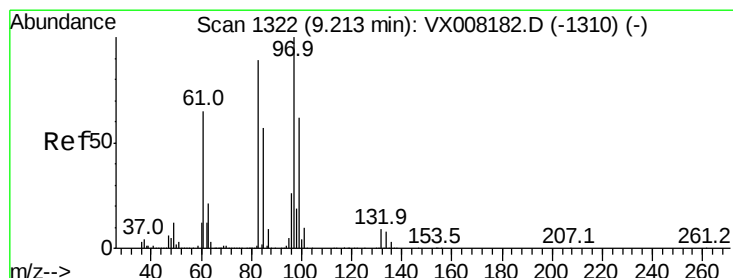
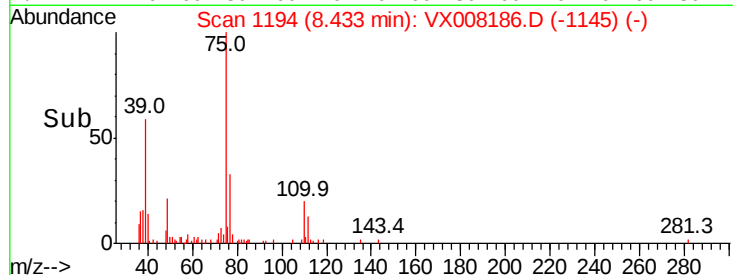
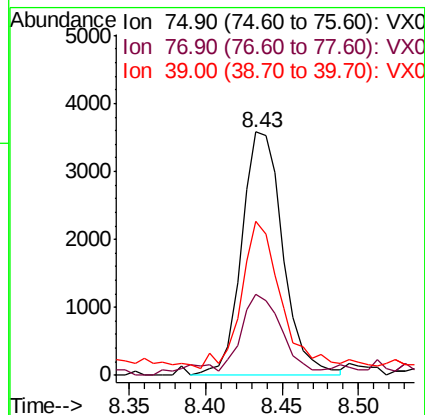
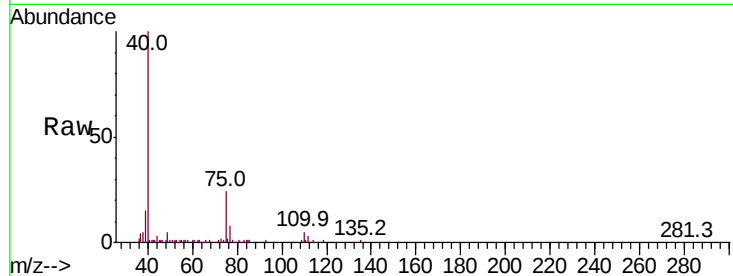
cis-1,3-Dichloropropene
 Concen: 0.730 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.1	25.0	37.6
39	58.8	36.6	54.8#

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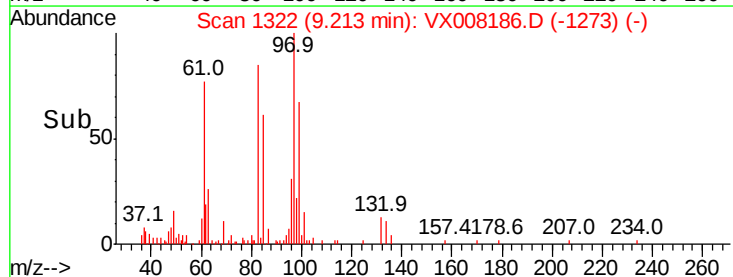
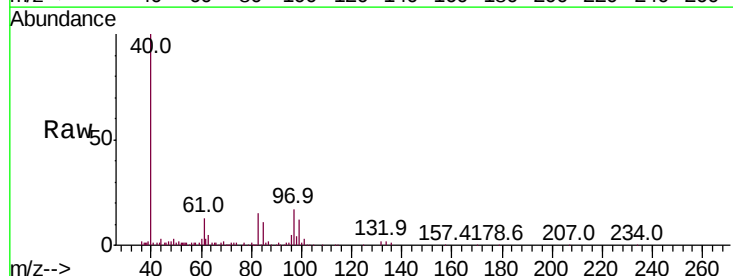
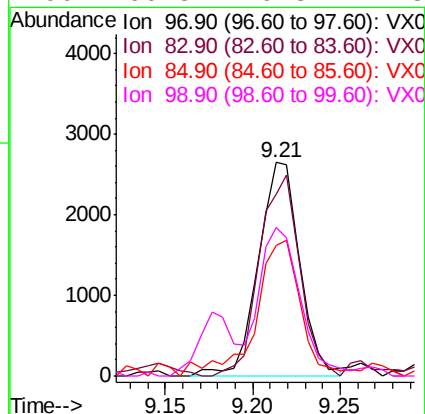
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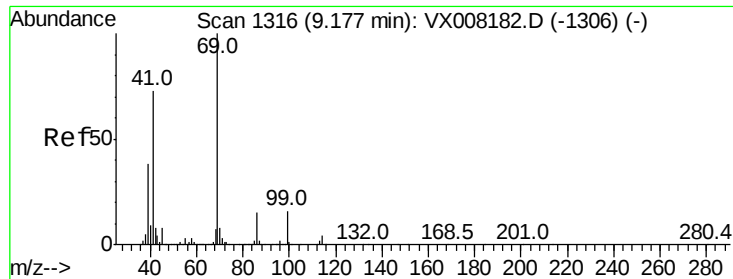


#55

1,1,2-Trichloroethane
 Concen: 0.813 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.1	103.7
85	58.8	44.3	66.5
99	66.3	49.8	74.8





#56

Ethyl methacrylate

Concen: 0.645 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

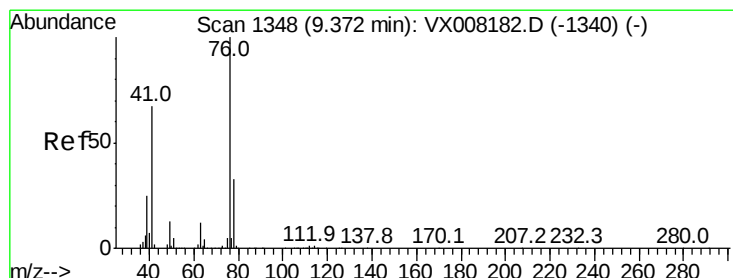
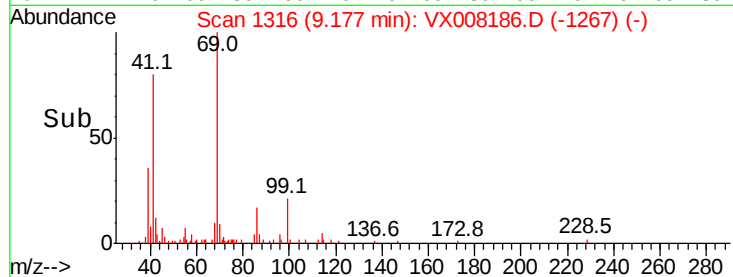
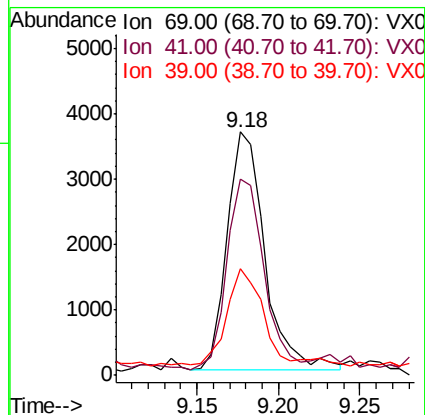
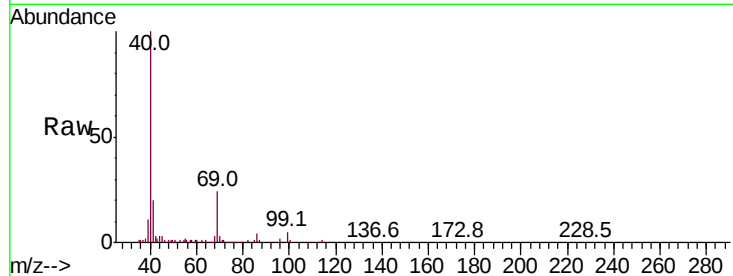
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	5810
Ion Ratio	Lower	Upper	
69	100		
41	79.5	54.2	81.4
39	37.8	25.0	37.4#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.778 ug/l

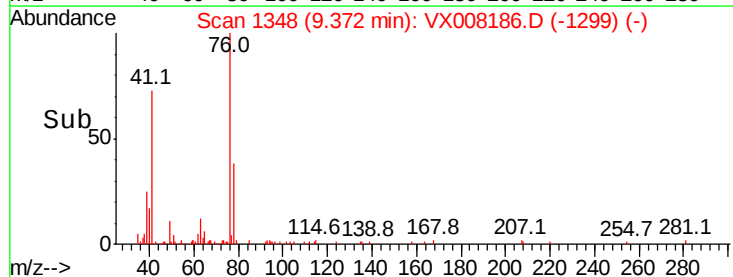
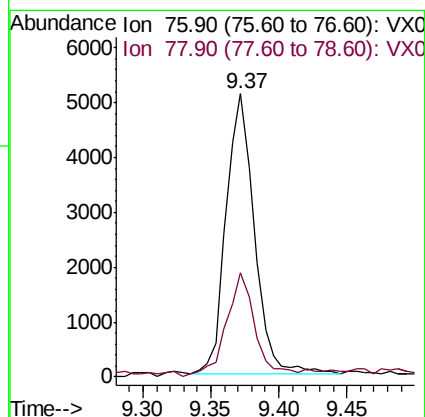
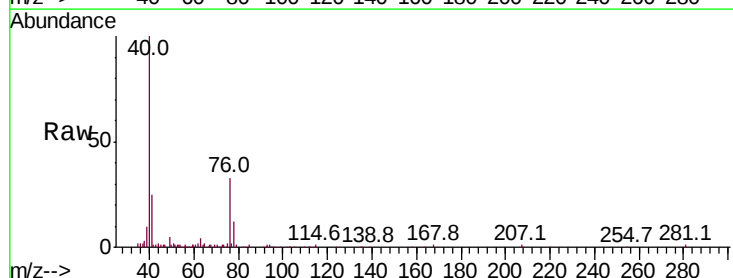
RT: 9.37 min Scan# 1348

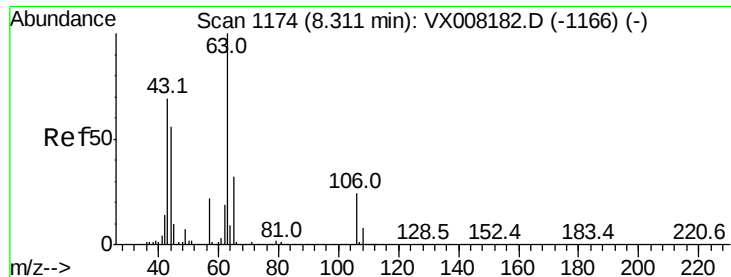
Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tgt Ion:	76	Resp:	7385
Ion Ratio	Lower	Upper	
76	100		
78	37.9	25.5	38.3





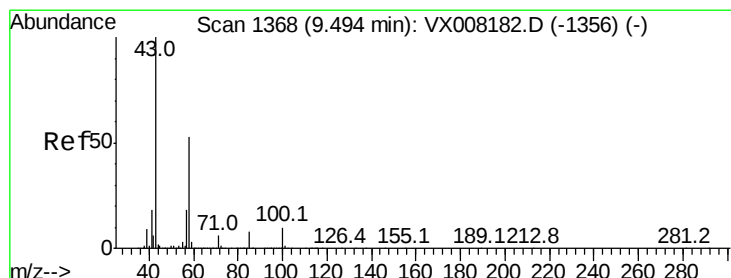
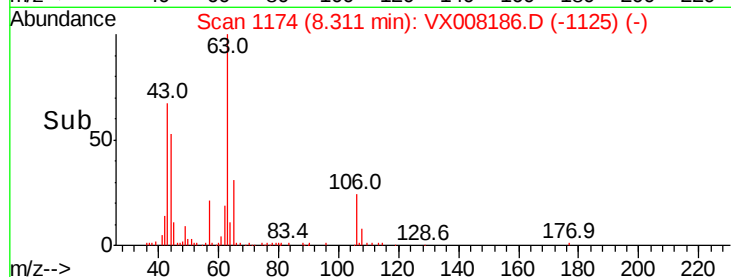
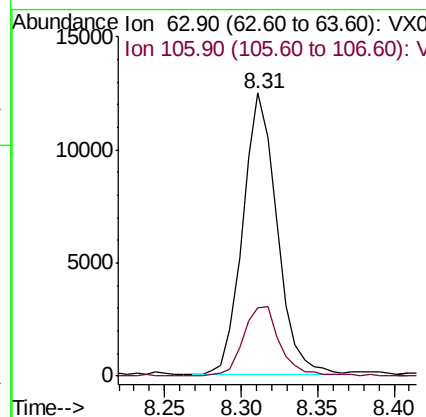
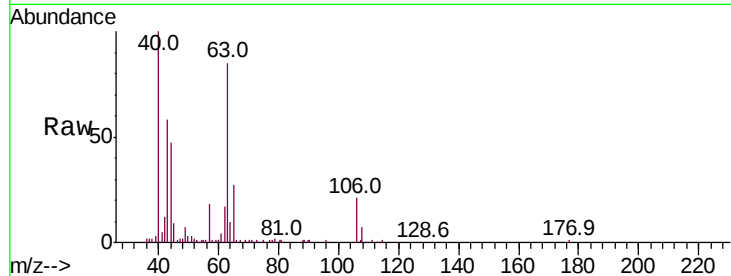
#58
2-Chloroethyl Vinyl ether
Concen: 4.620 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
63	100		
106	26.7	22.2	33.2

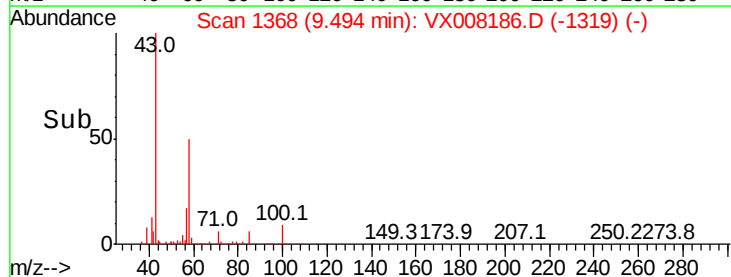
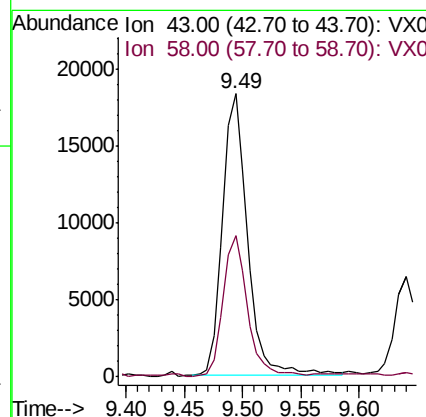
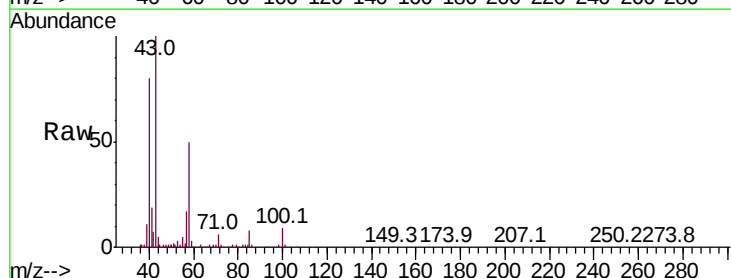
Manual Integrations
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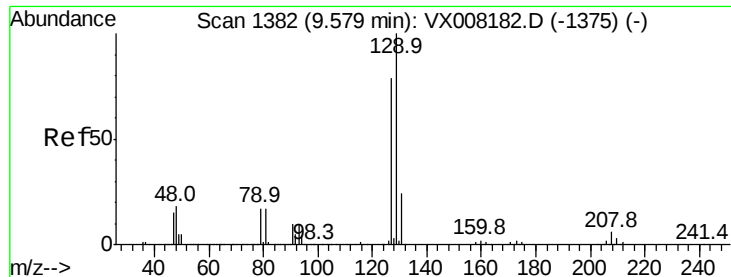
MMDadoda
3/20/2019 10:28:22 AM



#59
2-Hexanone
Concen: 3.797 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.6	27.6	82.7





#60

Dibromochloromethane

Concen: 0.681 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3627

Ion Ratio Lower Upper

129 100

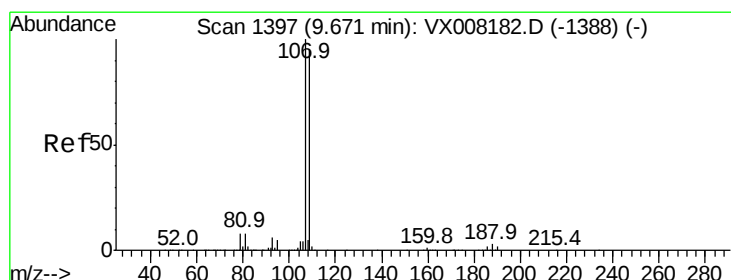
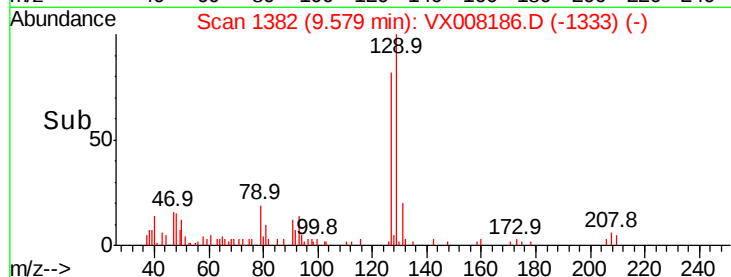
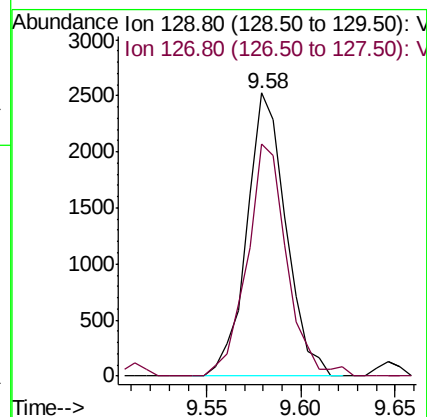
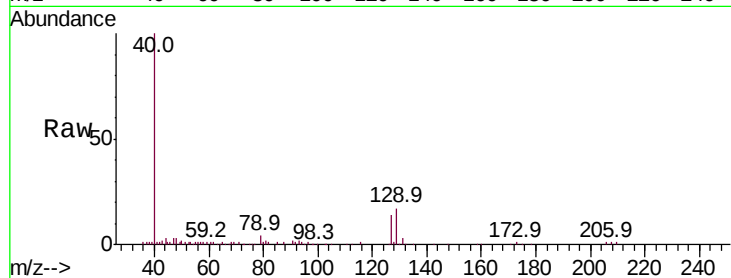
127 83.0 38.3 114.8

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 0.835 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008186.D

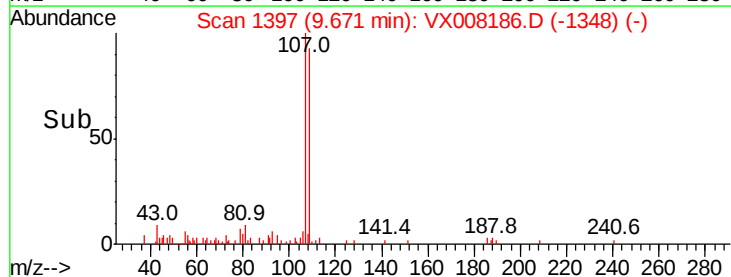
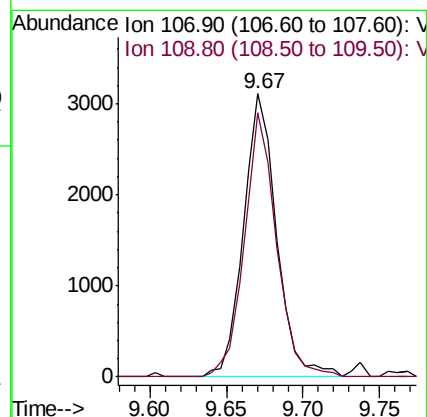
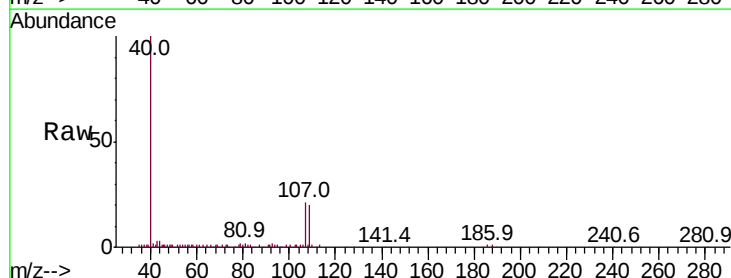
Acq: 19 Mar 2019 12:48

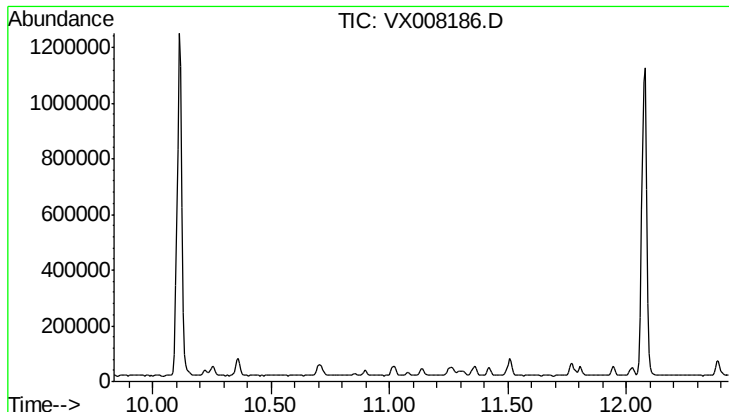
Tgt Ion:107 Resp: 4660

Ion Ratio Lower Upper

107 100

109 90.8 75.8 113.8





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.13 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tot Ion: 95

Sig Exp Ratio

95 100

174 91.4

176 89.0

Instrument :

MSVOA_X

ClientSampleId :

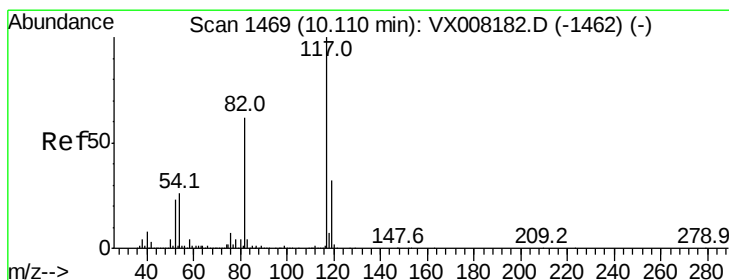
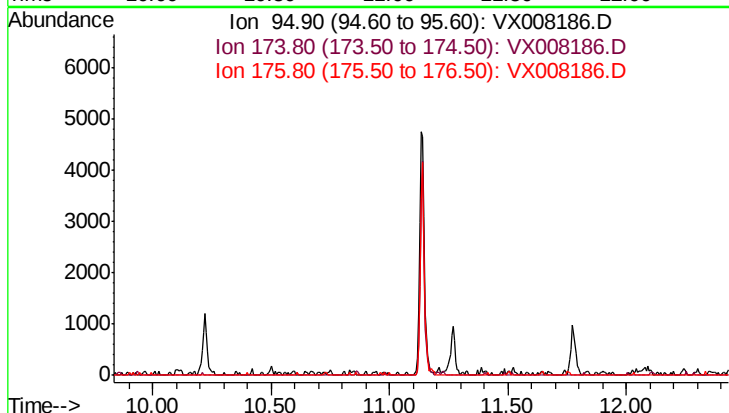
VSTDIC001

Manual Integrations

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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: VX008186.D

Acq: 19 Mar 2019 12:48

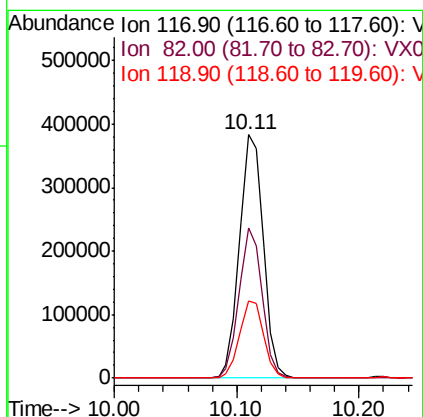
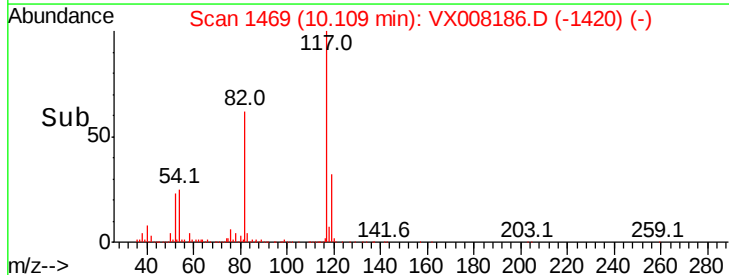
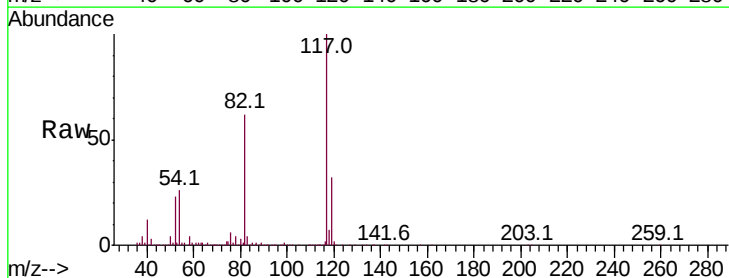
Tgt Ion:117 Resp: 515642

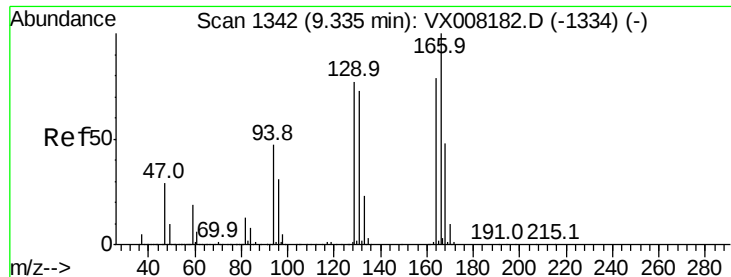
Ion Ratio Lower Upper

117 100

82 61.8 44.3 66.5

119 31.9 25.3 37.9





#64

Tetrachloroethene

Concen: 0.940 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 4660

Ion Ratio Lower Upper

164 100

166 121.0 103.4 155.0

129 88.9 72.2 108.4

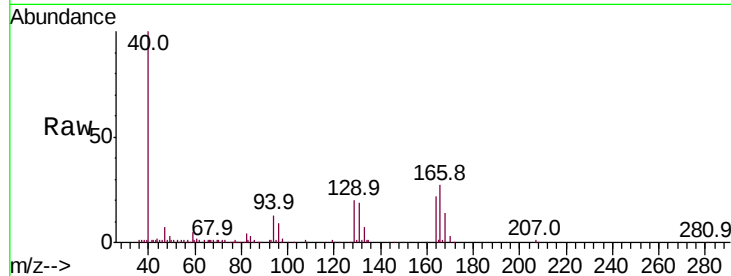
131 85.8 69.4 104.2

Manual Integrations

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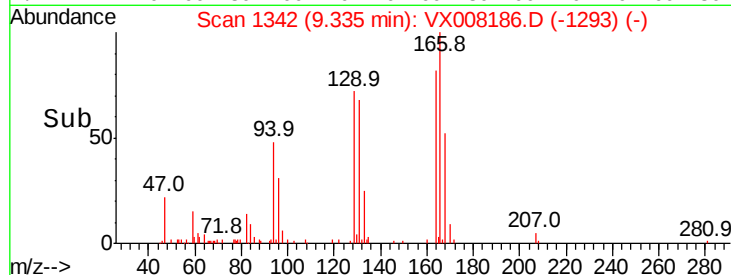
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

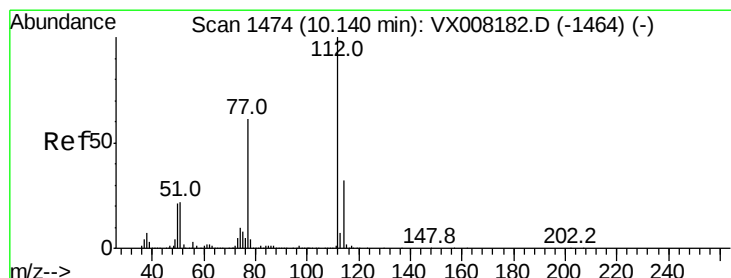
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Time-->



#65

Chlorobenzene

Concen: 0.894 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008186.D

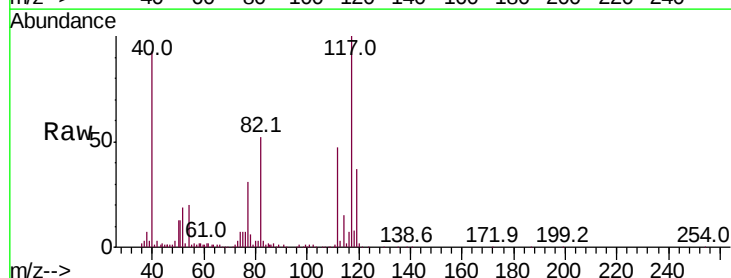
Acq: 19 Mar 2019 12:48

Tgt Ion:112 Resp: 12165

Ion Ratio Lower Upper

112 100

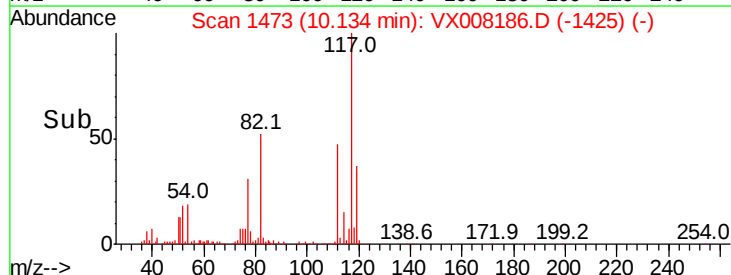
114 31.7 26.0 39.0



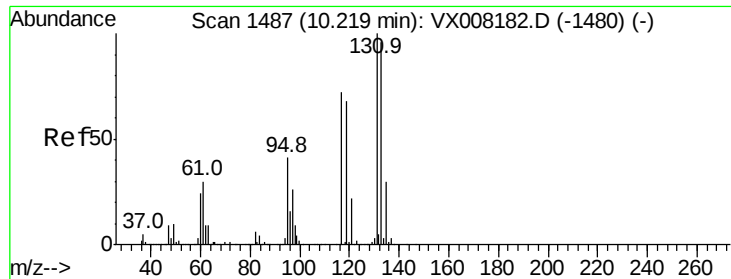
Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

Time-->



Time-->



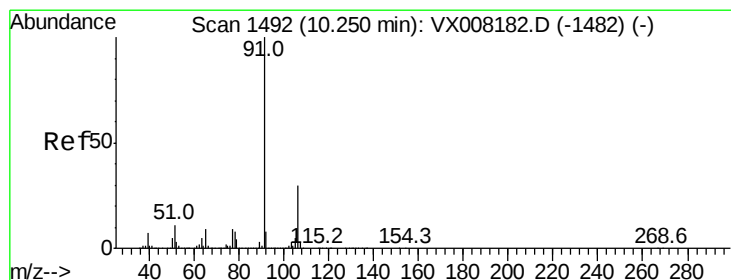
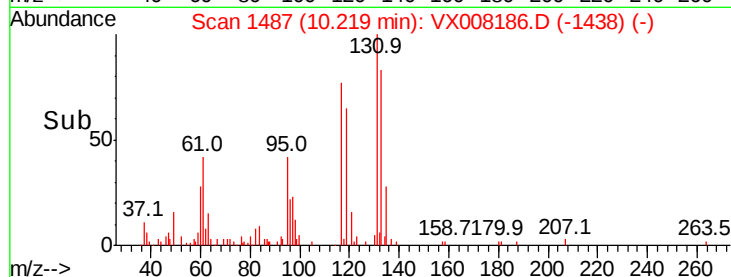
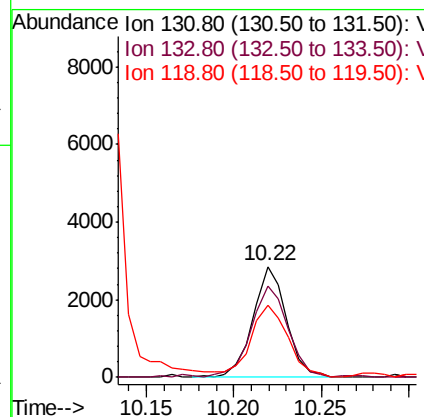
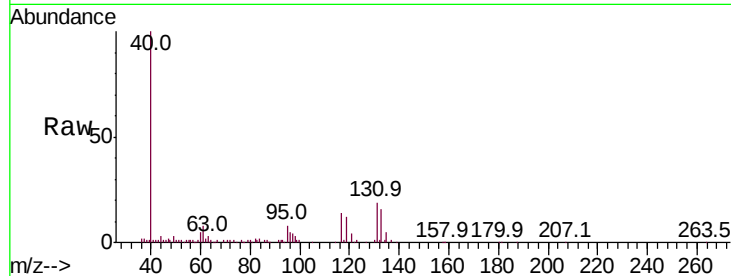
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.785 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	91.8	47.8	143.3
119	0.0	32.5	97.5#

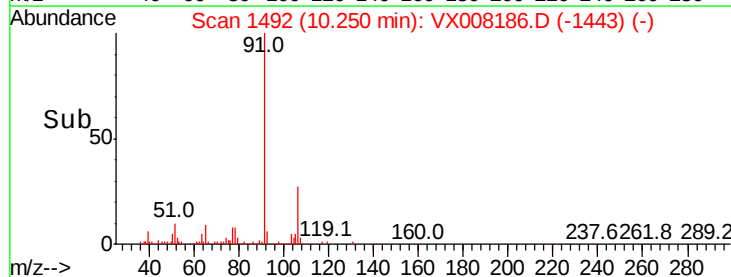
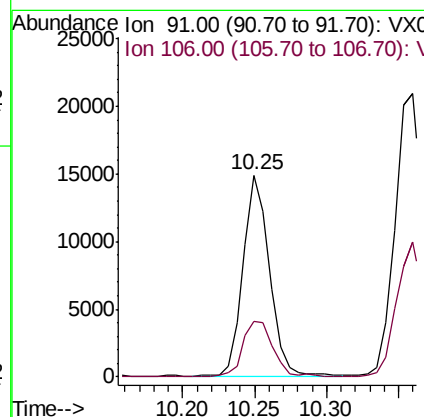
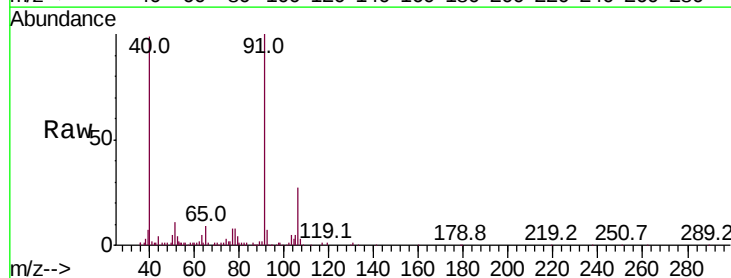
Manual Integrations
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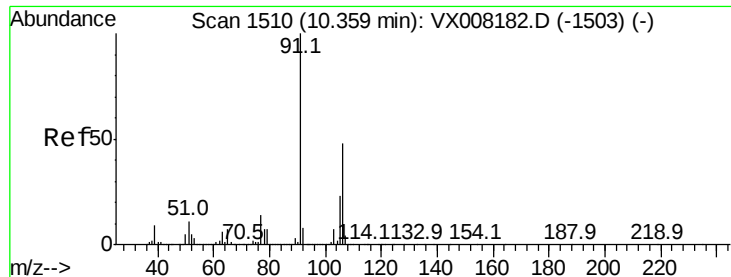
MMDadoda
 3/20/2019 10:28:22 AM



#67
 Ethyl Benzene
 Concen: 0.767 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.4	25.2	37.8





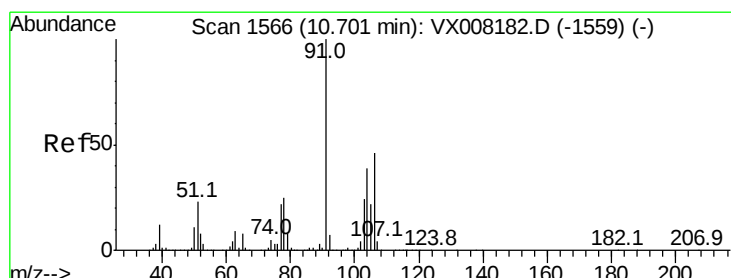
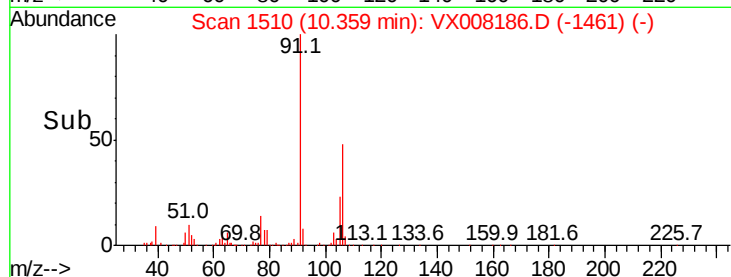
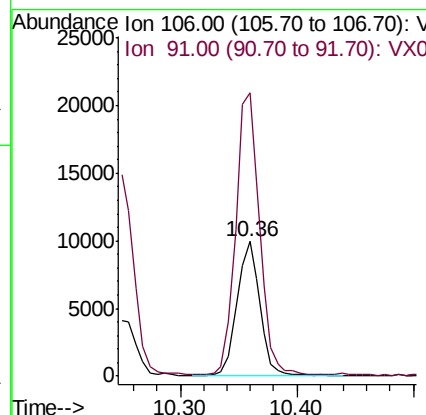
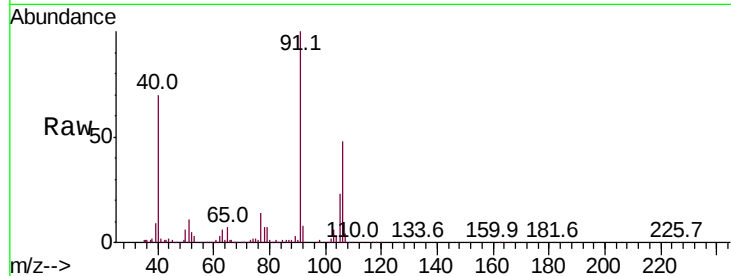
#68
m/p-Xylenes
Concen: 1.519 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.6	159.8	239.6

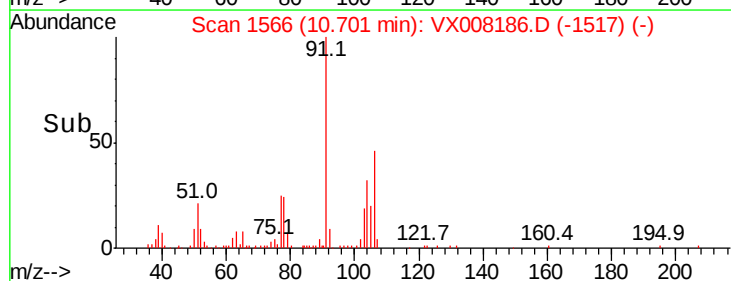
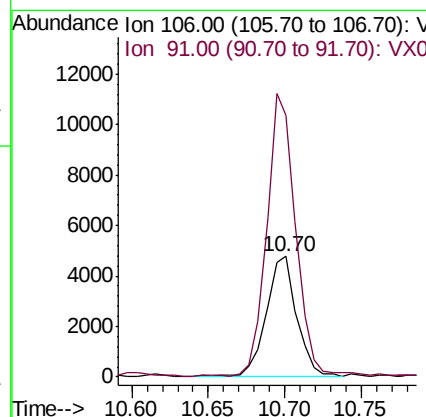
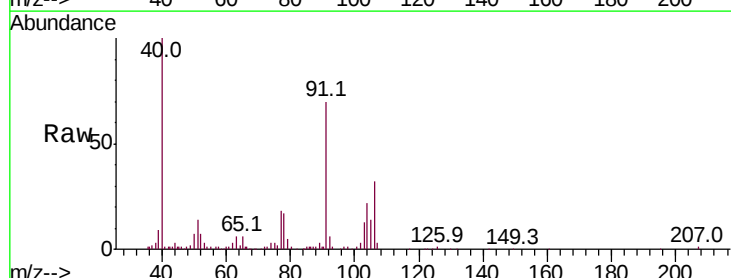
Manual Integrations
APPROVED

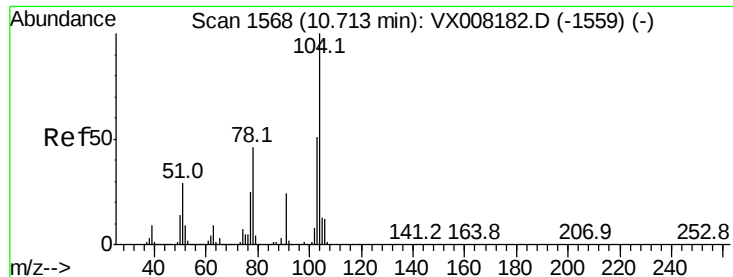
MMDadoda
3/20/2019 10:28:22 AM



#69
o-Xylene
Concen: 0.758 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion	Ratio	Lower	Upper
106	100		
91	225.5	106.3	318.9





#70

Stvrene

Concen: 0.726 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

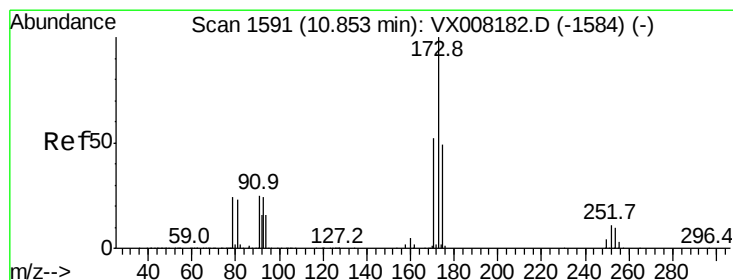
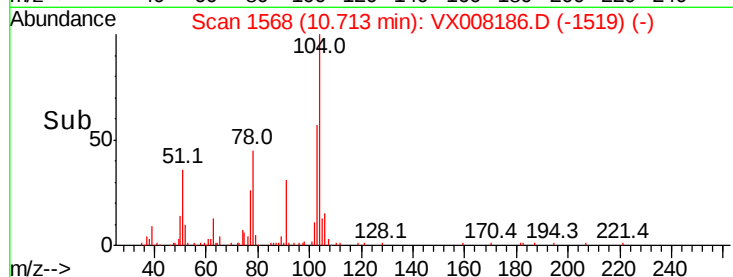
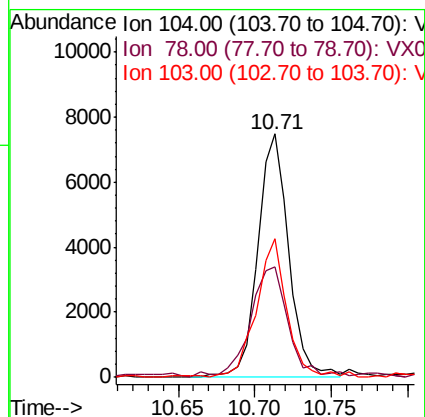
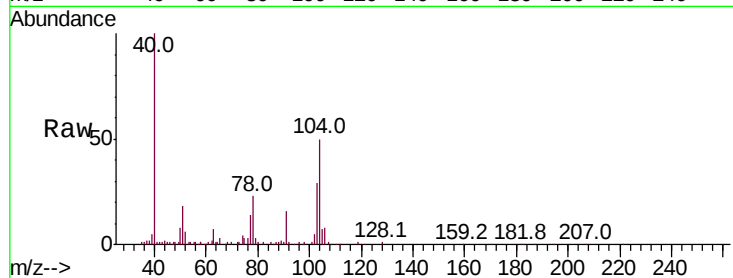
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	10520
Ion Ratio	Lower	Upper	
104	100		
78	56.1	38.5	57.7
103	56.9	44.1	66.1

Manual Integrations
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#71

Bromoform

Concen: 0.685 ug/l

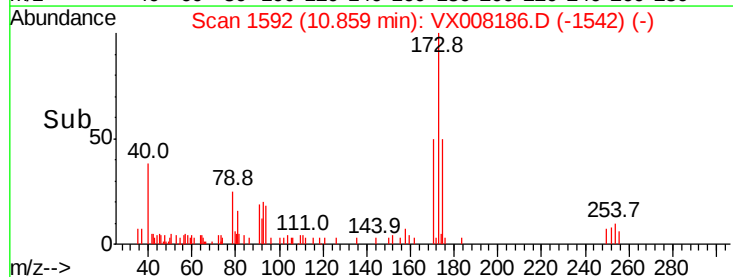
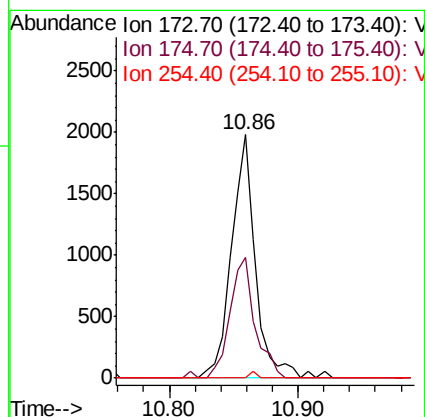
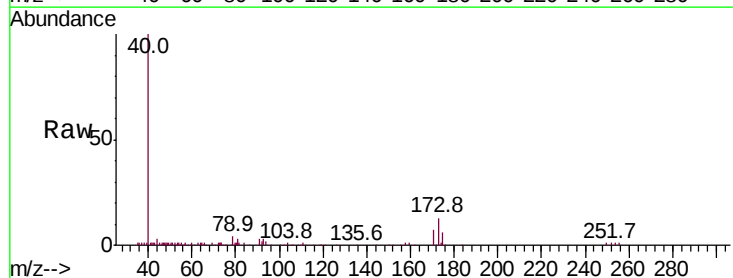
RT: 10.86 min Scan# 1592

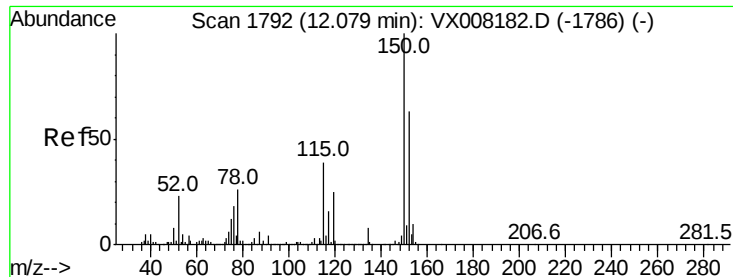
Delta R.T. 0.01 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tgt Ion:	173	Resp:	2604
Ion Ratio	Lower	Upper	
173	100		
175	51.2	24.3	72.9
254	0.8	0.1	0.1#





#72

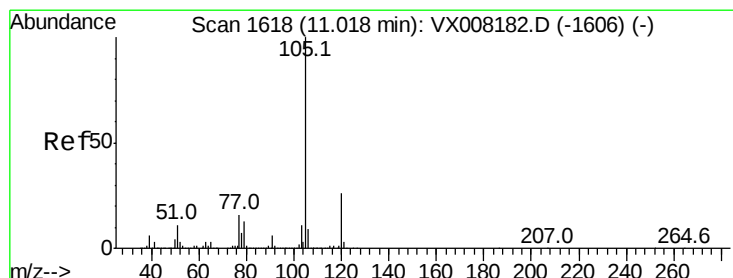
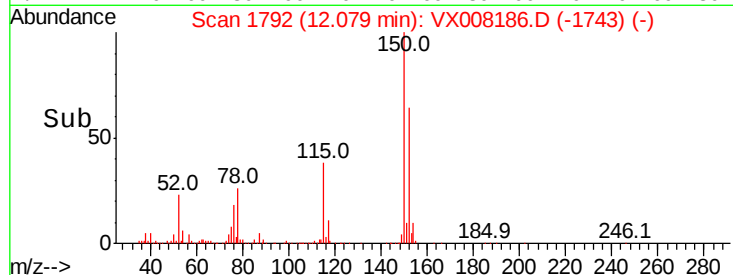
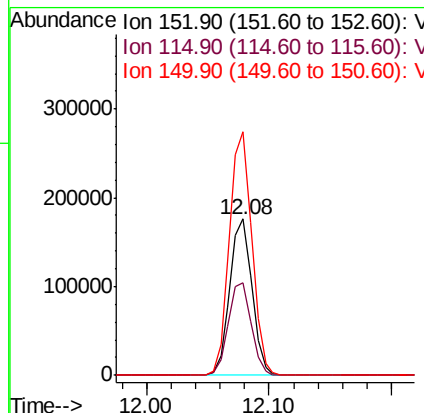
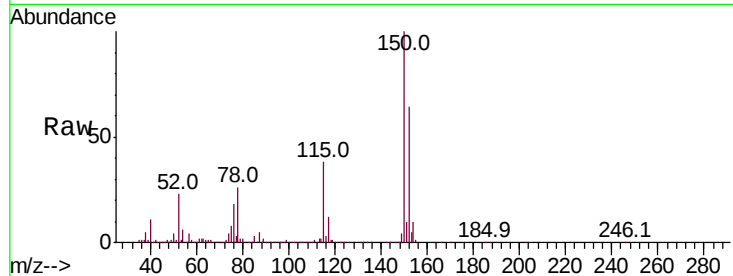
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	219534		
115	61.6	38.6	115.7	
150	157.3	0.0	348.4	

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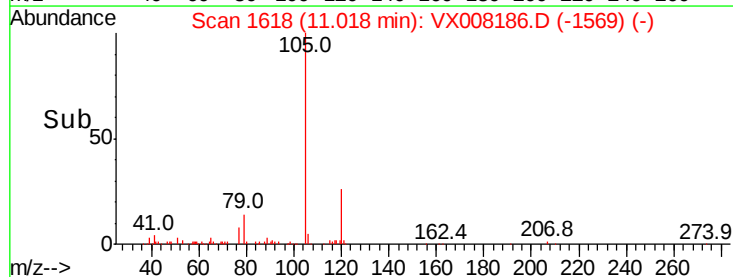
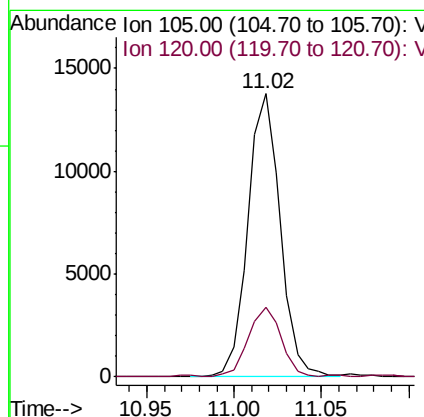
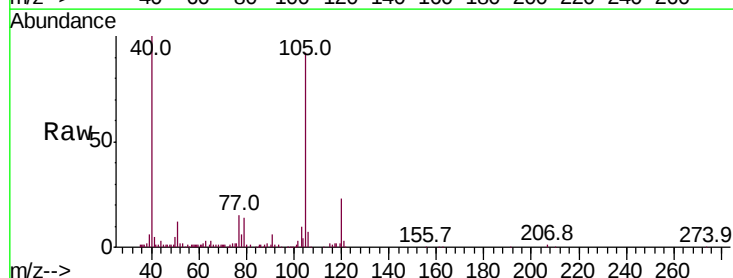
MMDadoda
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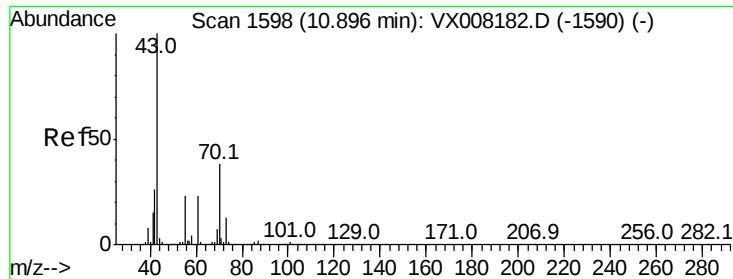


#73

Isopropylbenzene
Concen: 0.821 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	17722		
120	25.6	13.4	40.1	





#74

N-amvl acetate

Concen: 0.722 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

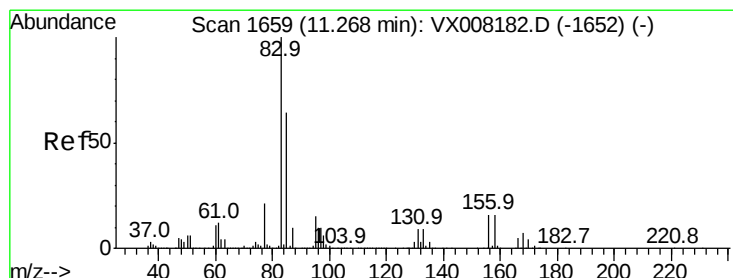
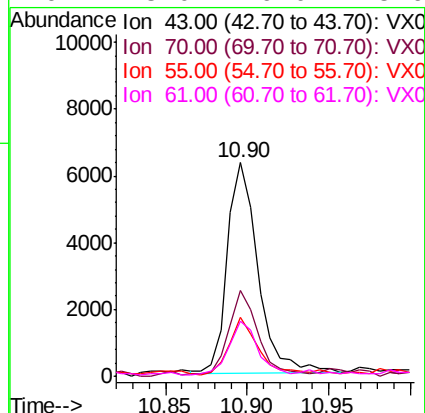
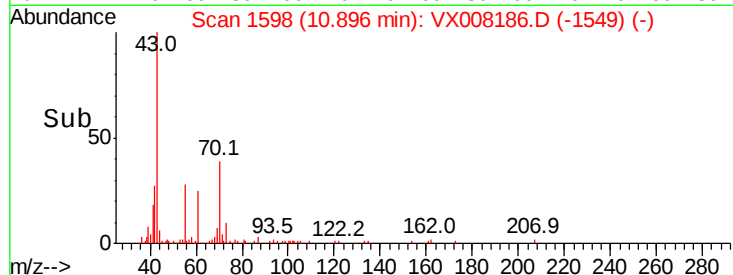
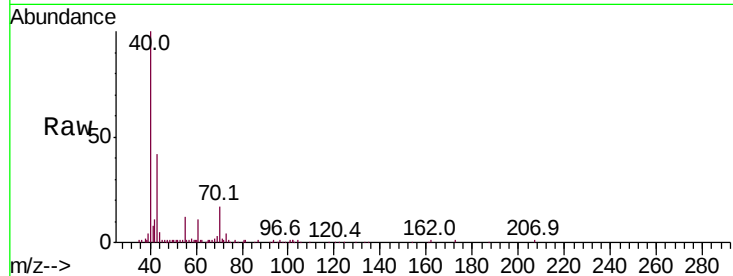
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	8291
Ion	Ratio	Lower	Upper
43	100		
70	36.9	33.5	50.3
55	26.0	19.2	28.8
61	23.0	19.0	28.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 0.915 ug/l

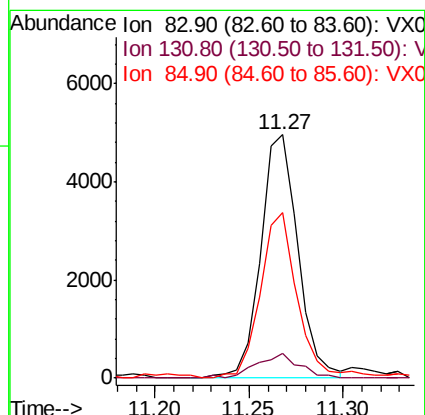
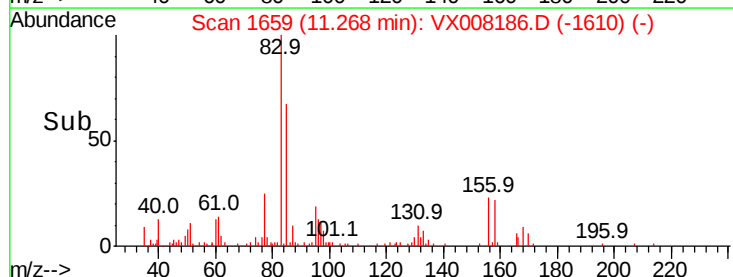
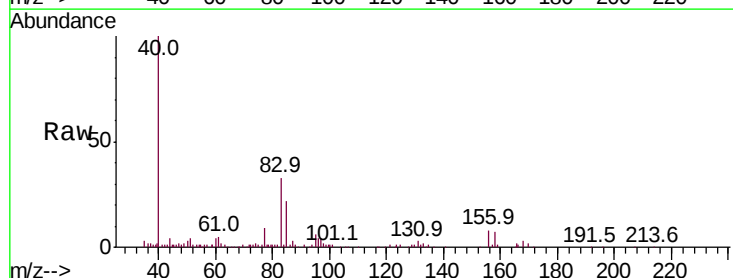
RT: 11.27 min Scan# 1659

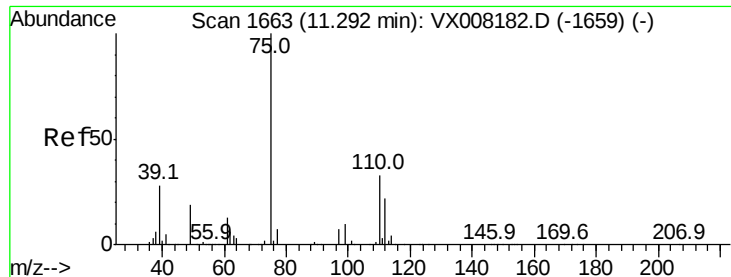
Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tgt Ion:	83	Resp:	6784
Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.4	16.2
85	68.5	32.3	96.8





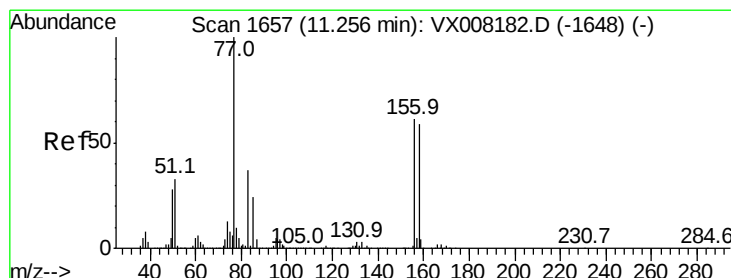
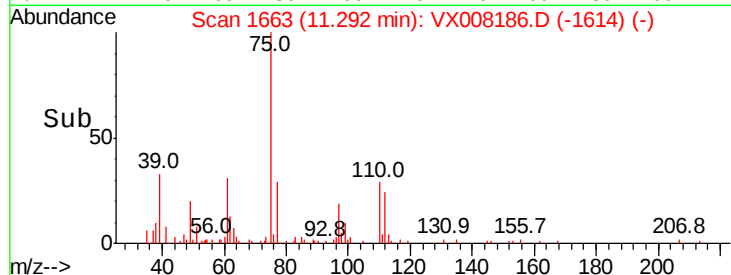
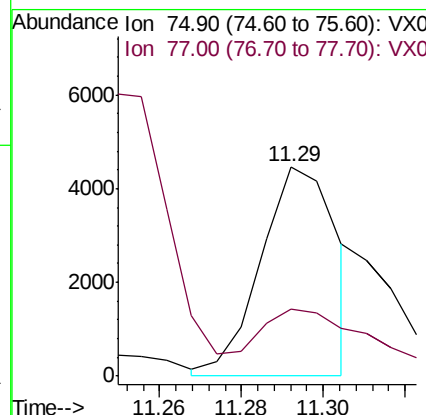
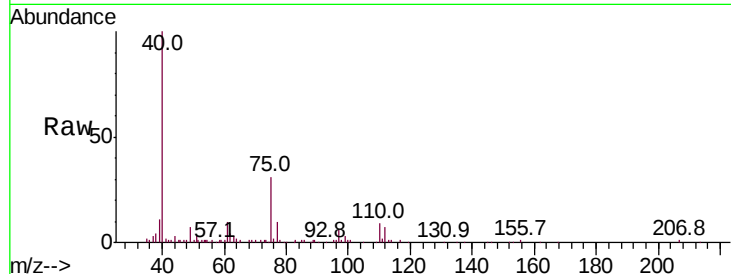
#76
 1,2,3-Trichloropropane
 Concen: 0.883 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 5755
 Ion Ratio Lower Upper
 75 100
 77 48.7 18.9 56.7

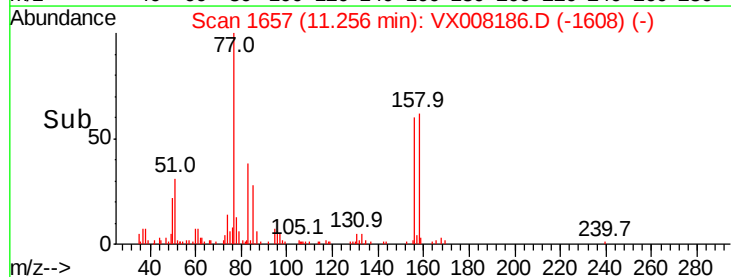
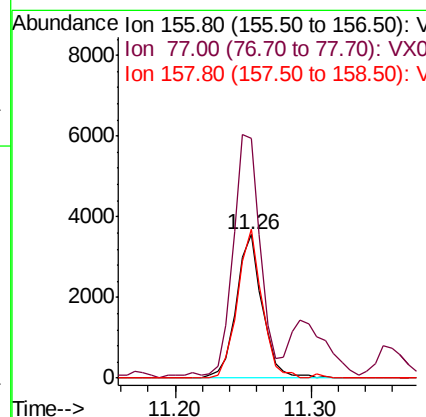
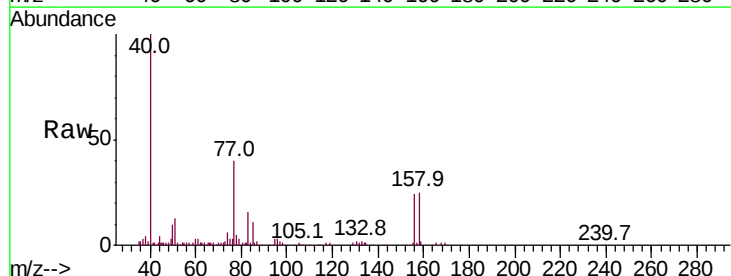
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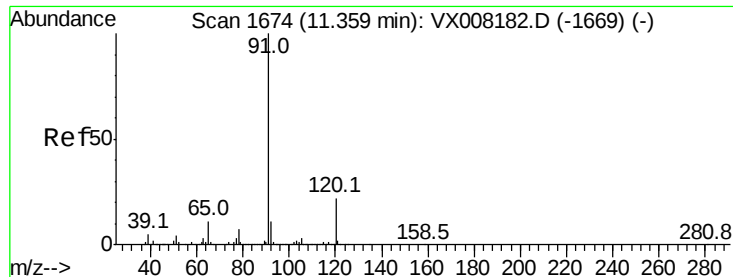
MMDadoda
 3/20/2019 10:28:22 AM



#77
 Bromobenzene
 Concen: 0.935 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Tgt Ion: 156 Resp: 4734
 Ion Ratio Lower Upper
 156 100
 77 178.5 72.0 215.9
 158 97.1 48.6 145.9





#78

n-propylbenzene

Concen: 0.762 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 19508

Ion Ratio Lower Upper

91 100

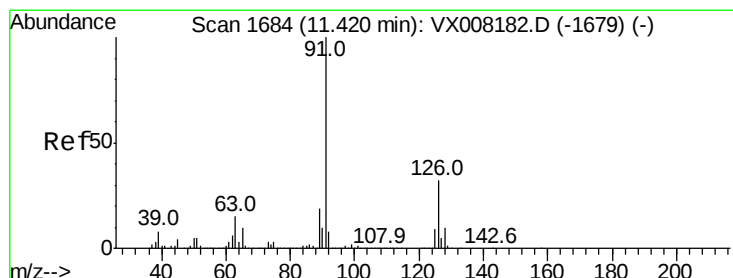
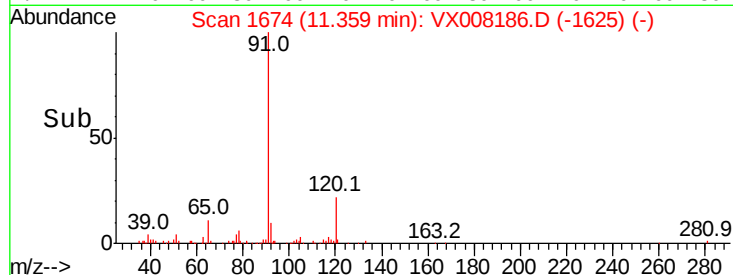
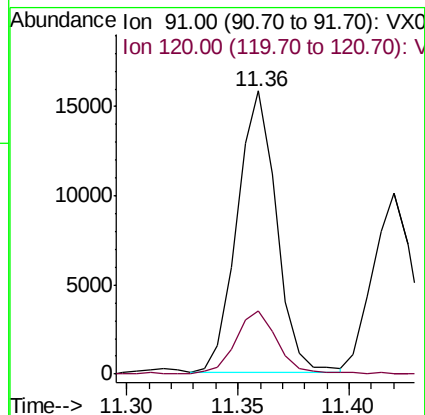
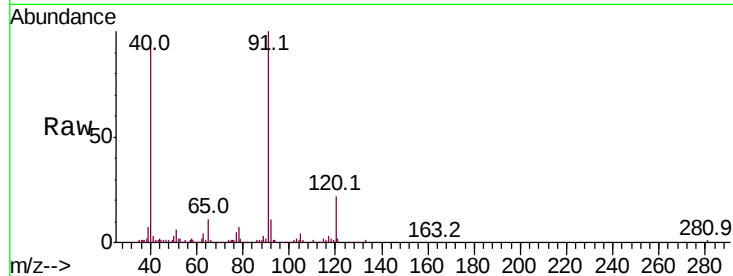
120 23.9 12.0 36.0

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#79

2-Chlorotoluene

Concen: 0.856 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008186.D

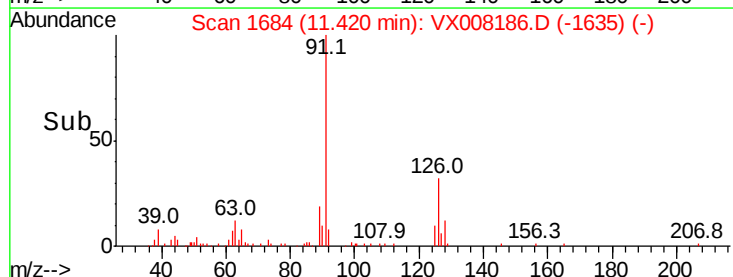
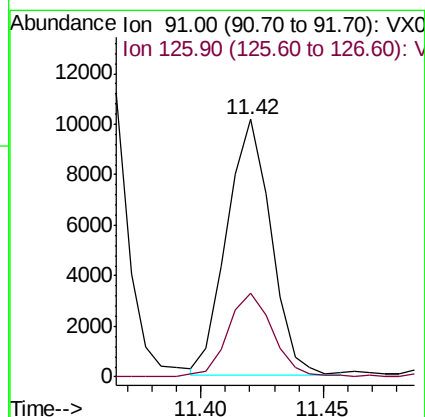
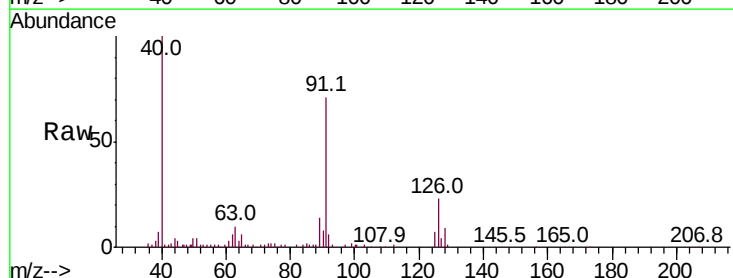
Acq: 19 Mar 2019 12:48

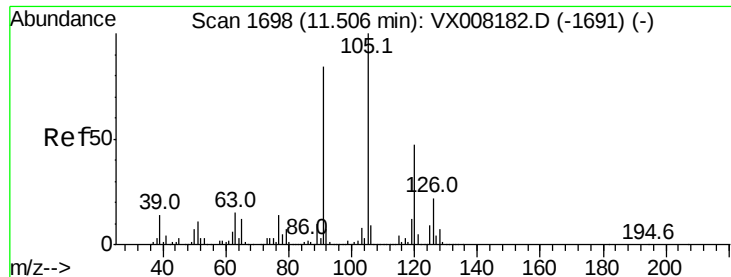
Tgt Ion: 91 Resp: 12717

Ion Ratio Lower Upper

91 100

126 33.5 17.5 52.6





#80

1,3,5-Trimethylbenzene

Concen: 0.766 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 13765

Ion Ratio Lower Upper

105 100

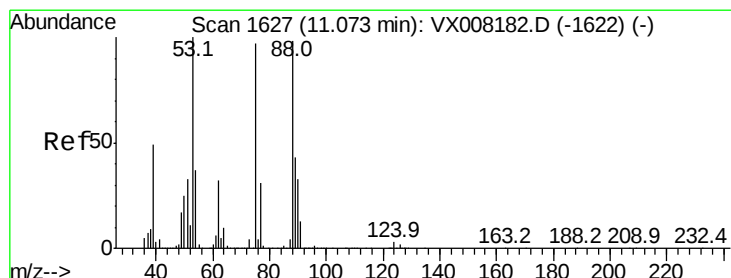
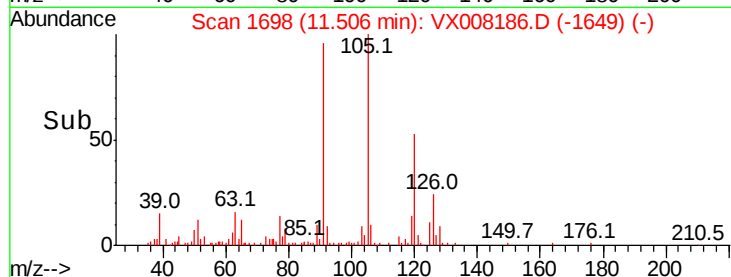
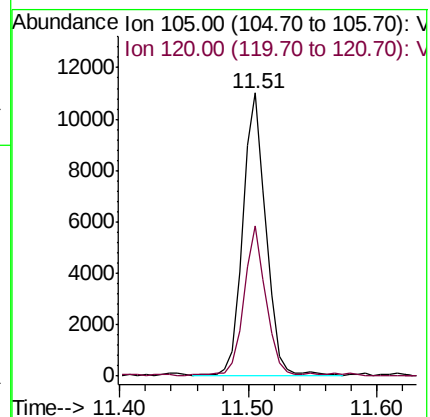
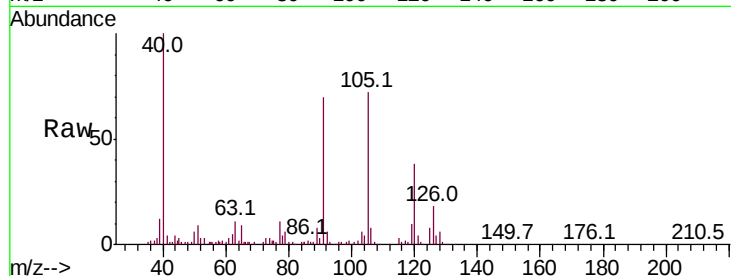
120 50.5 24.9 74.6

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#81

trans-1,4-Dichloro-2-butene

Concen: 0.707 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

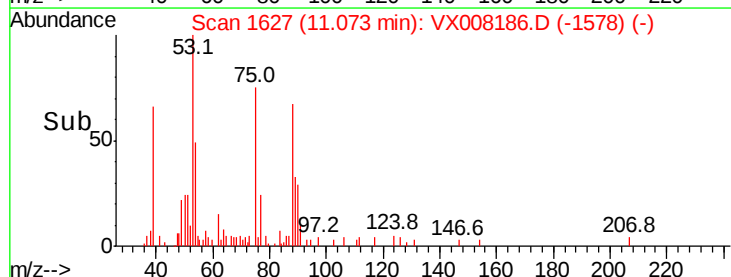
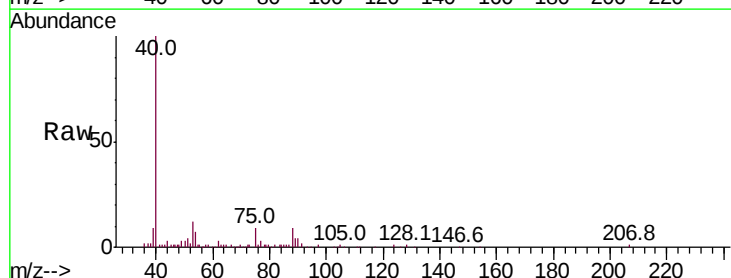
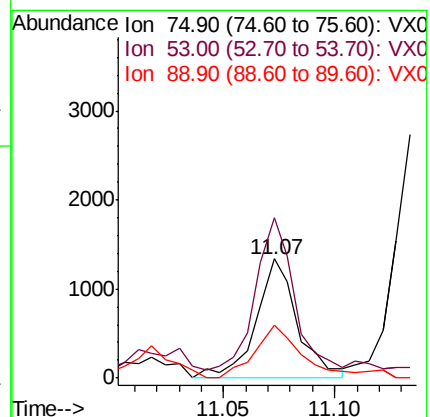
Tgt Ion: 75 Resp: 1748

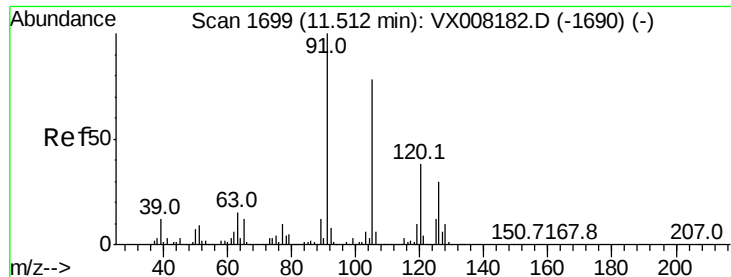
Ion Ratio Lower Upper

75 100

53 115.1 76.1 114.1#

89 49.7 36.3 54.5





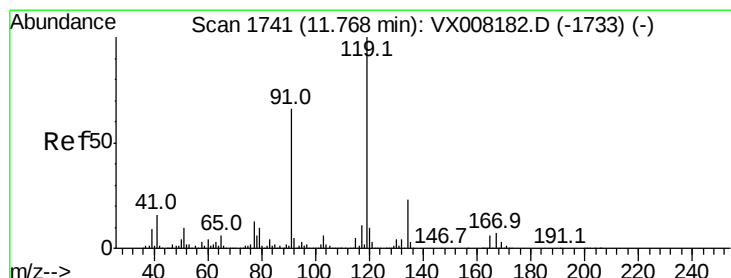
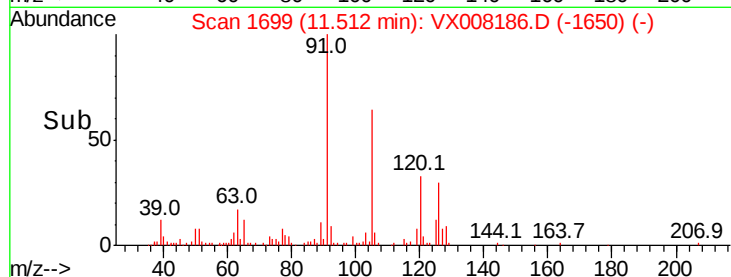
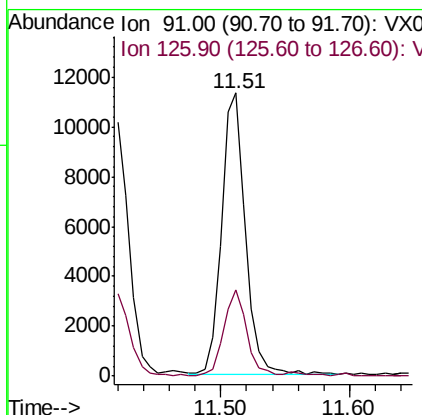
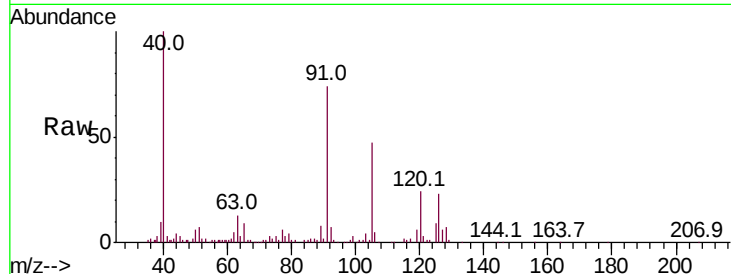
#82
4-Chlorotoluene
Concen: 0.839 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 14586
Ion Ratio Lower Upper
91 100
126 30.0 15.6 46.8

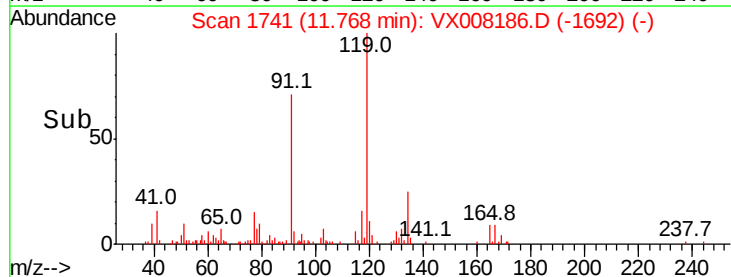
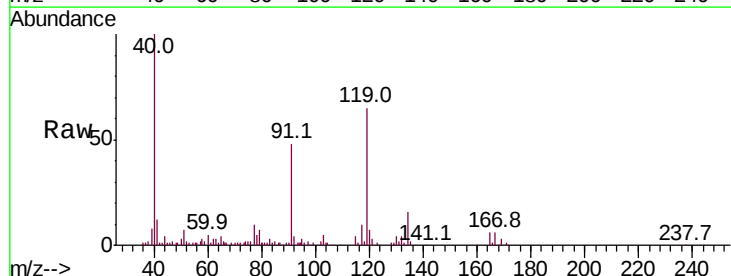
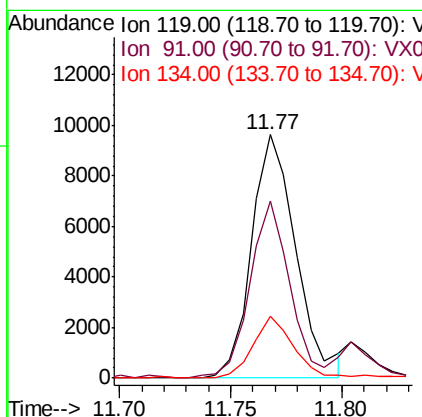
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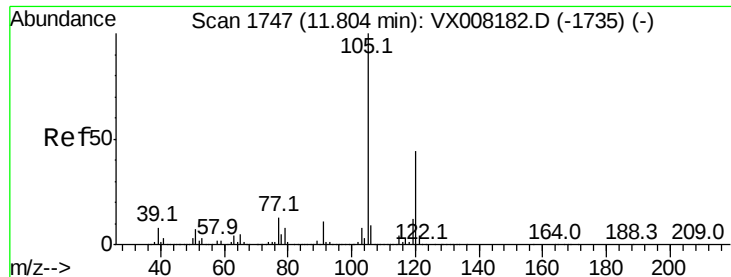
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#83
tert-Butylbenzene
Concen: 0.792 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion: 119 Resp: 13374
Ion Ratio Lower Upper
119 100
91 65.3 27.1 81.3
134 23.0 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 0.757 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 13847

Ion Ratio Lower Upper

105 100

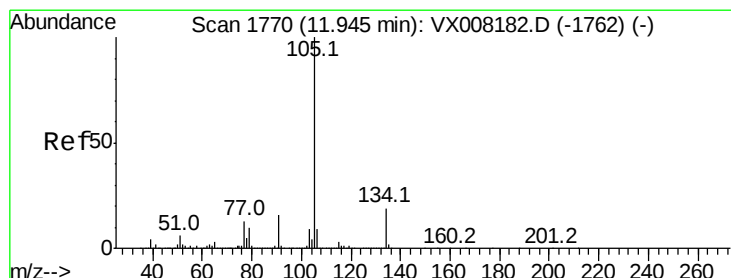
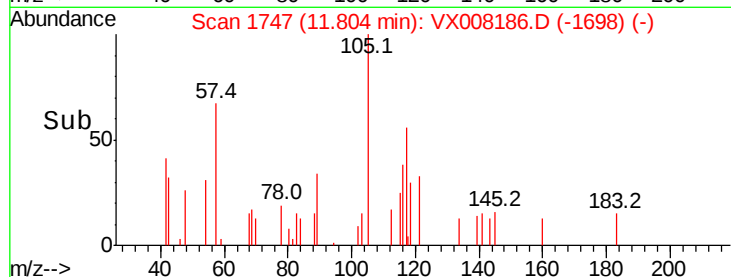
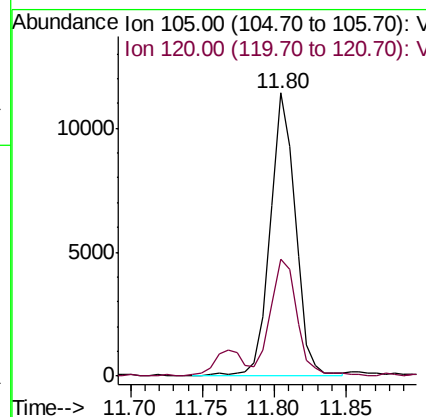
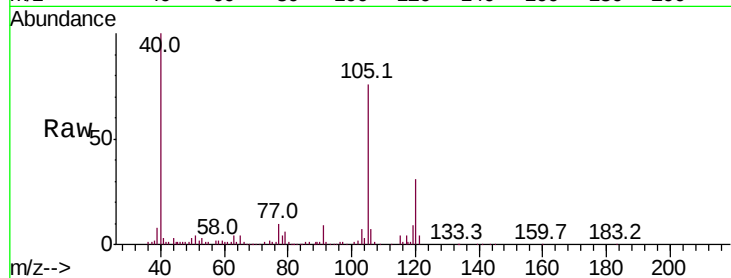
120 43.5 22.6 67.7

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#85

sec-Butylbenzene

Concen: 0.762 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008186.D

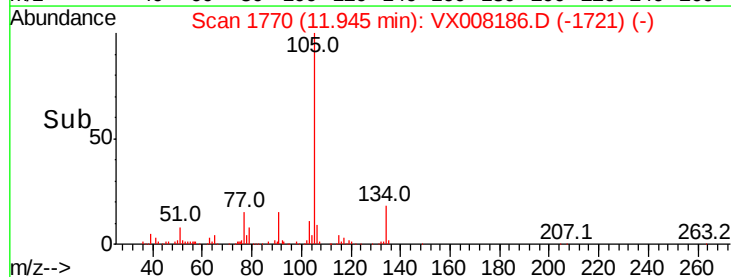
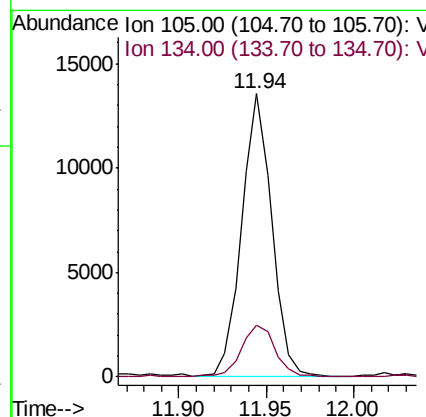
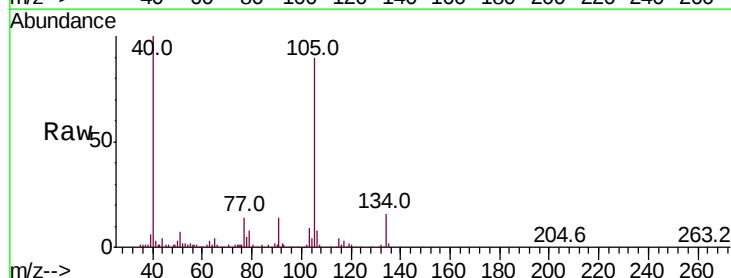
Acq: 19 Mar 2019 12:48

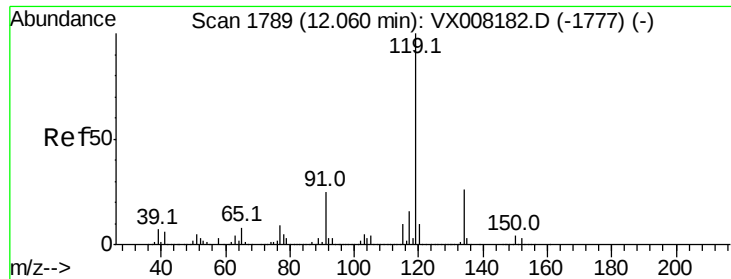
Tgt Ion:105 Resp: 16253

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2





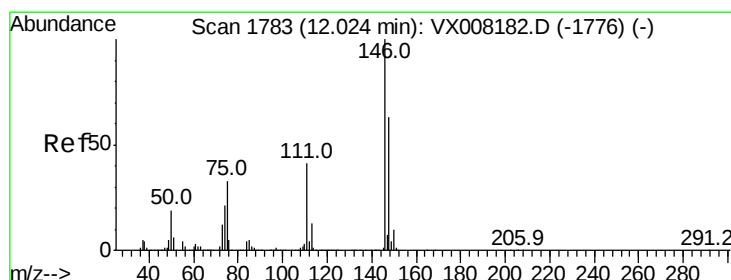
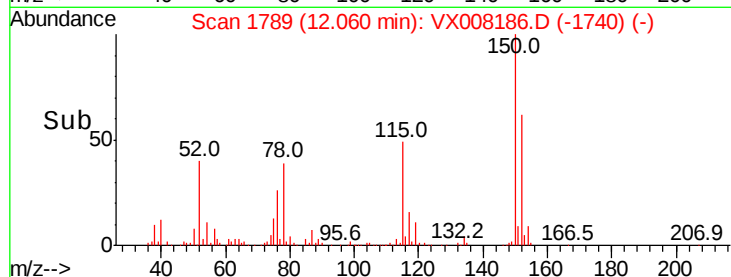
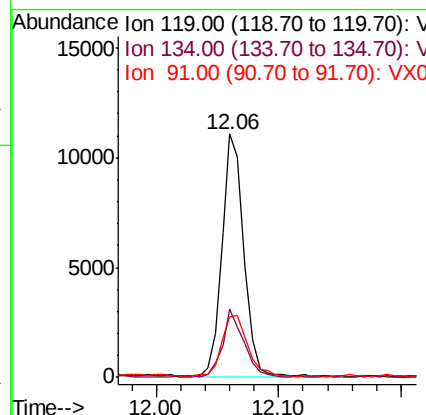
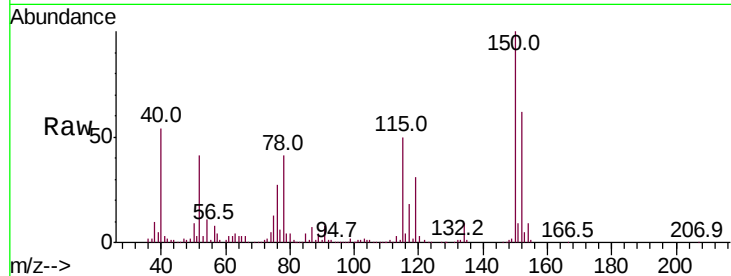
#86
p-Isopropyltoluene
Concen: 0.757 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.3	39.9
91	31.4	10.9	32.7

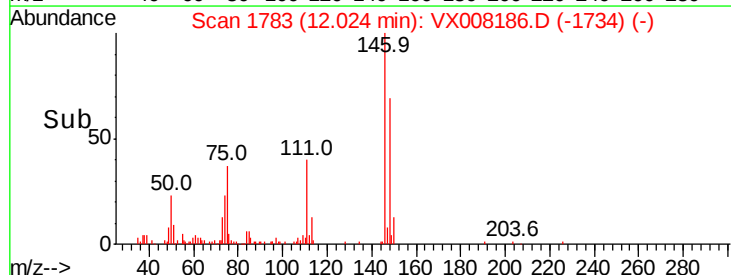
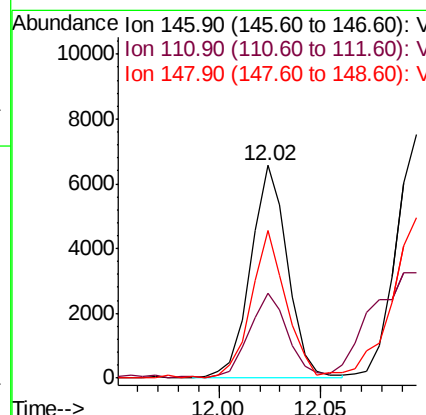
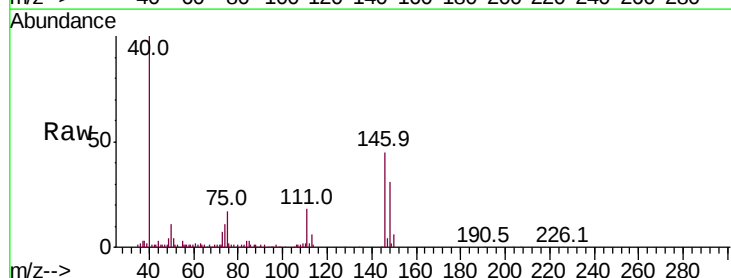
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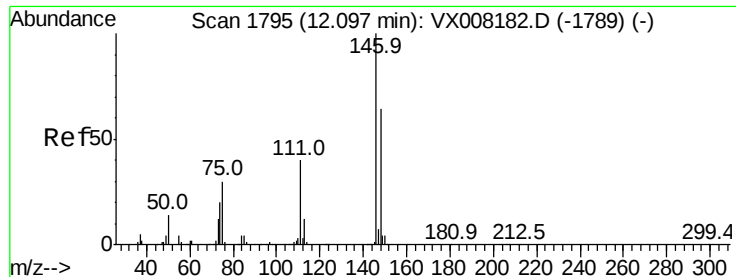
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#87
1,3-Dichlorobenzene
Concen: 0.913 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX008186.D
Acq: 19 Mar 2019 12:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	18.9	56.7
148	66.3	31.7	95.1





#88

1,4-Dichlorobenzene

Concen: 1.051 ug/l m

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

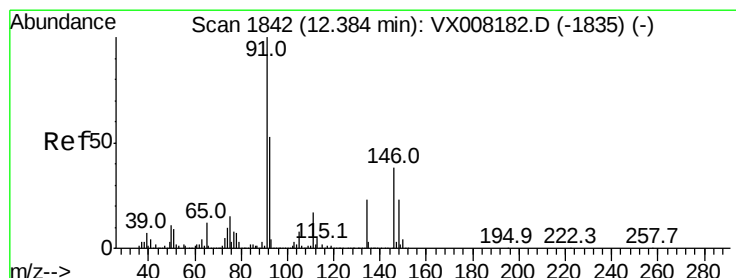
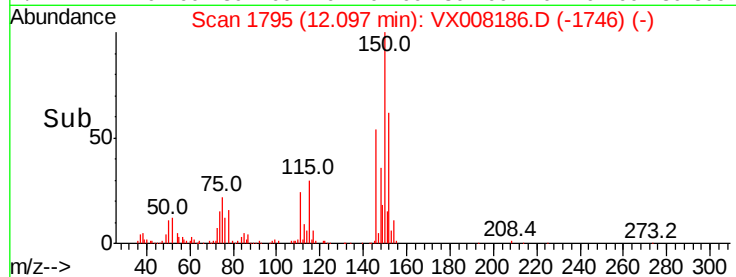
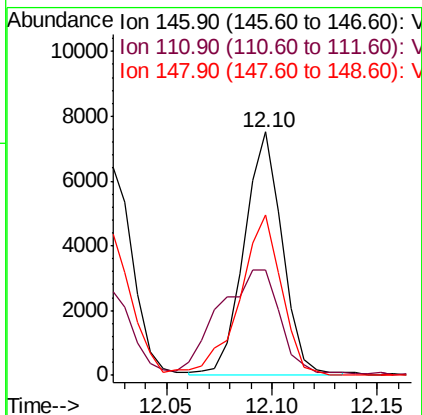
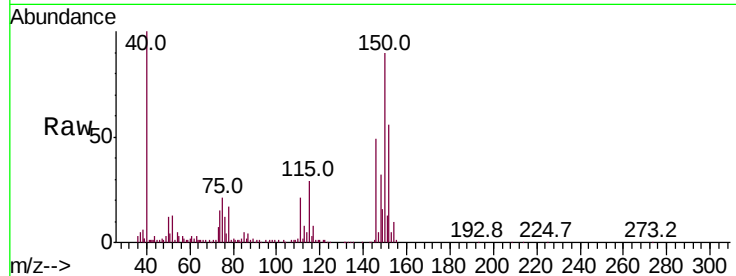
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	9526
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.4	55.0
148	57.5	32.2	96.6

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#89

n-Butylbenzene

Concen: 0.725 ug/l

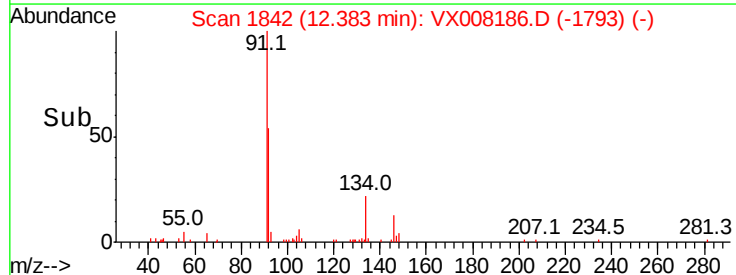
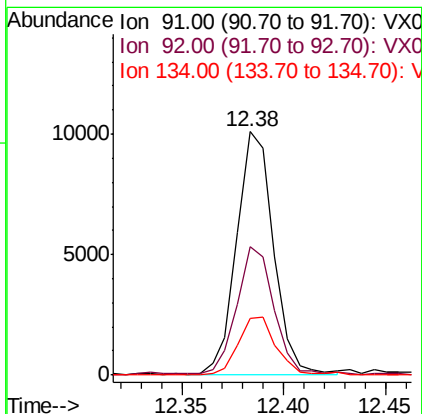
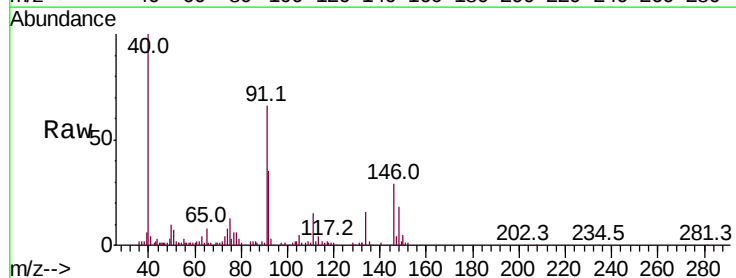
RT: 12.38 min Scan# 1842

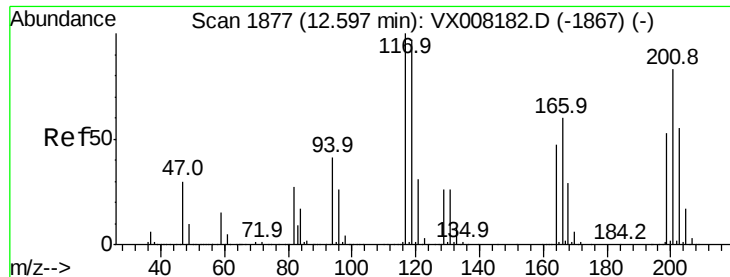
Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tgt Ion:	91	Resp:	12752
Ion Ratio	Lower	Upper	
91	100		
92	53.6	27.0	80.8
134	24.8	13.7	41.0





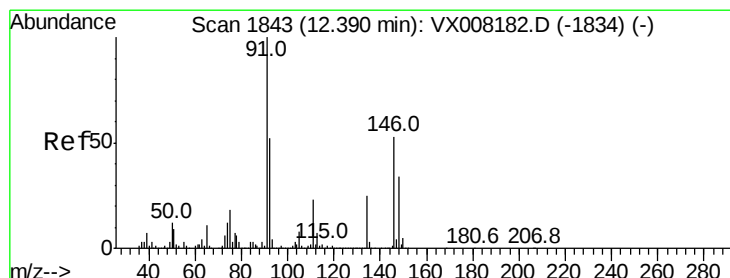
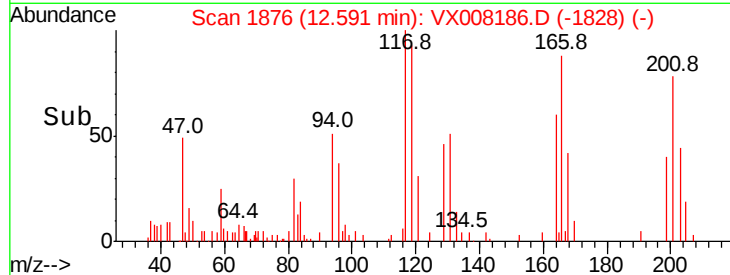
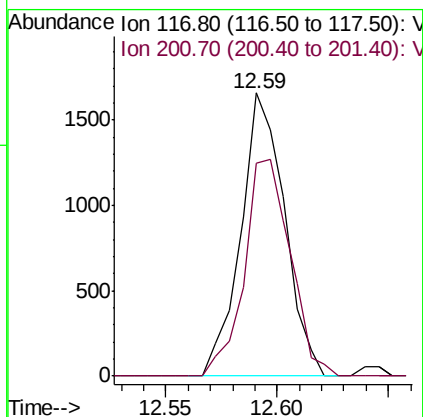
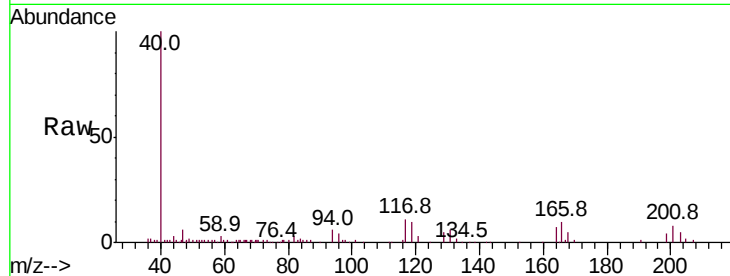
#90
 Hexachloroethane
 Concen: 0.714 ug/l
 RT: 12.59 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:117 Resp: 2270
 Ion Ratio Lower Upper
 117 100
 201 80.5 48.9 146.7

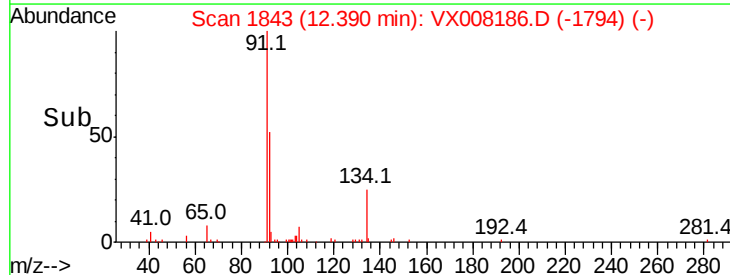
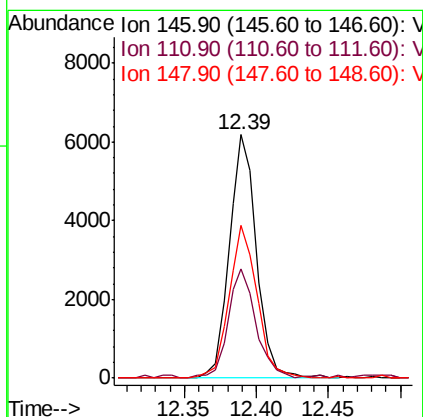
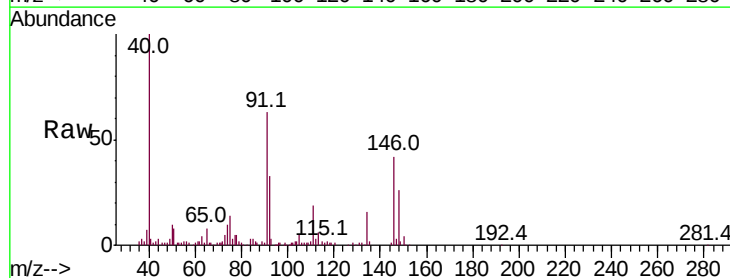
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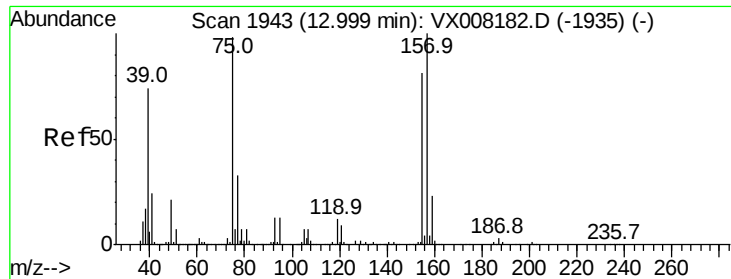
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#91
 1,2-Dichlorobenzene
 Concen: 0.906 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Tgt Ion:146 Resp: 8176
 Ion Ratio Lower Upper
 146 100
 111 45.7 19.6 58.8
 148 64.8 31.9 95.5





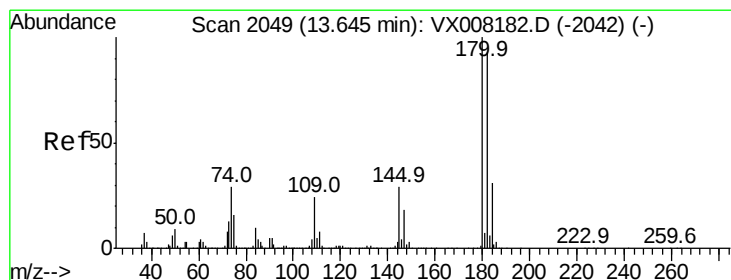
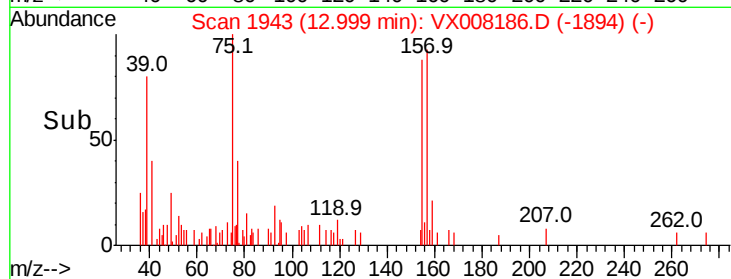
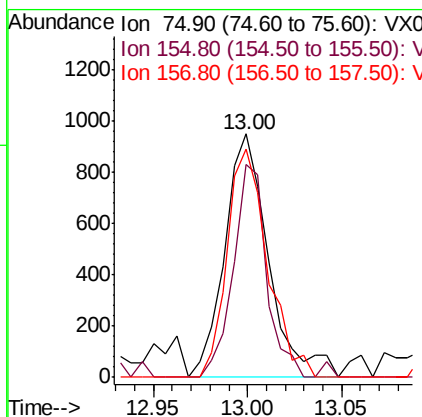
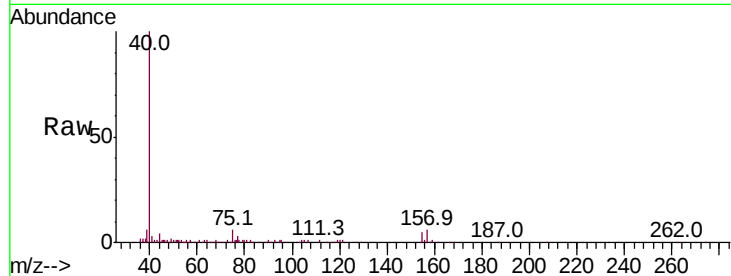
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.912 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	66.4	49.7	149.1
157	86.3	63.8	191.4

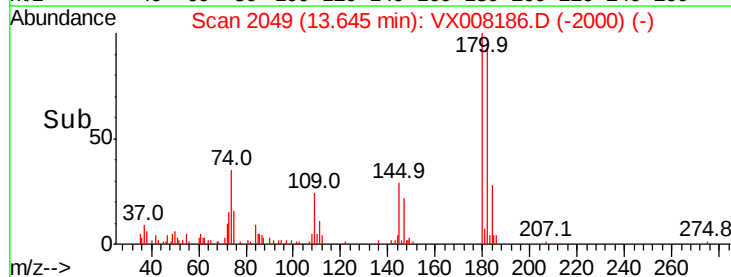
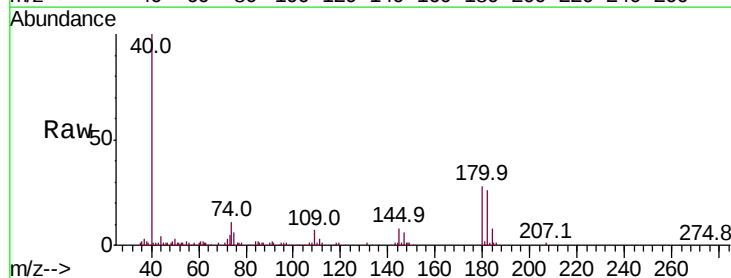
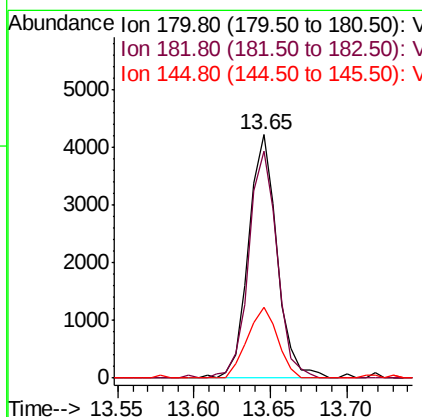
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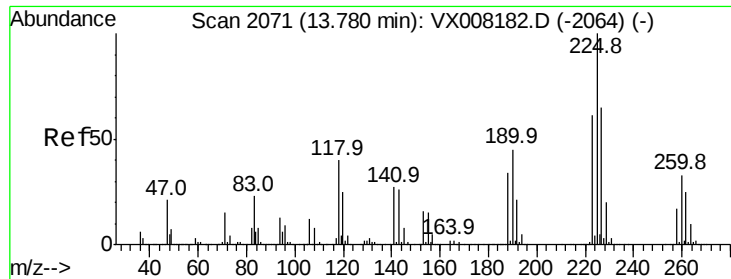
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#93
 1,2,4-Trichlorobenzene
 Concen: 0.900 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.9	143.7
145	30.7	14.1	42.4





#94

Hexachlorobutadiene

Concen: 0.852 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Instrument :

MSVOA_X

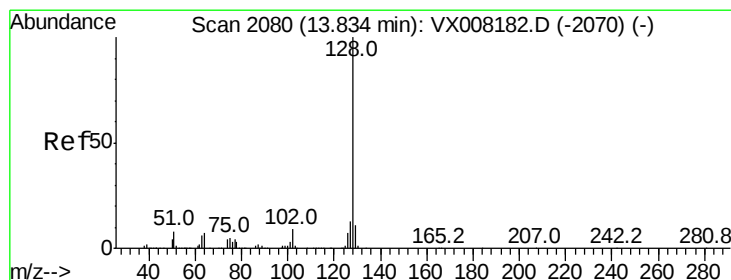
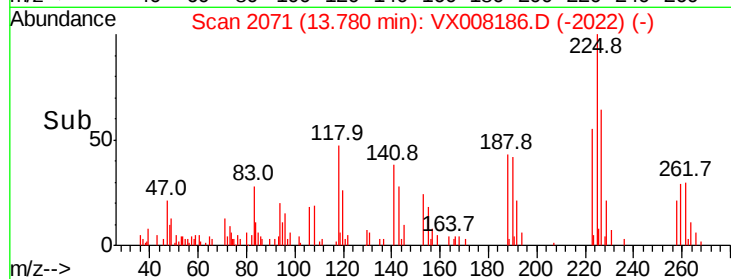
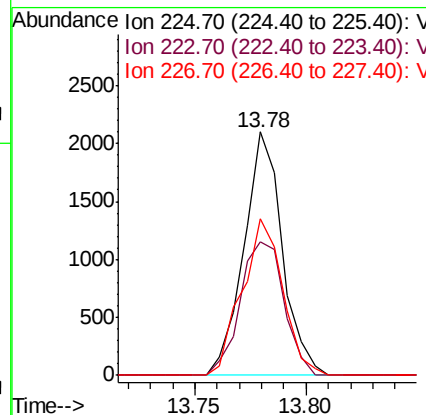
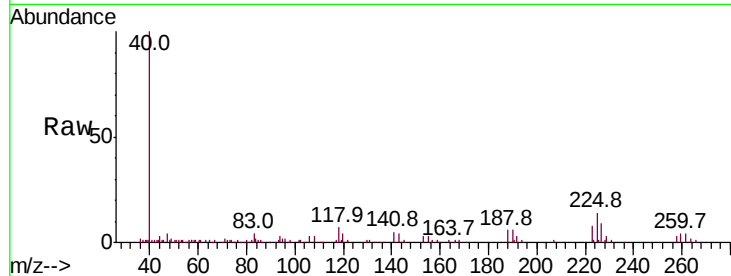
ClientSampled :

VSTDIC001

Tot Ion:	225	Resp:	2526
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.1	93.2
227	68.1	32.0	96.0

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#95

Naphthalene

Concen: 0.773 ug/l

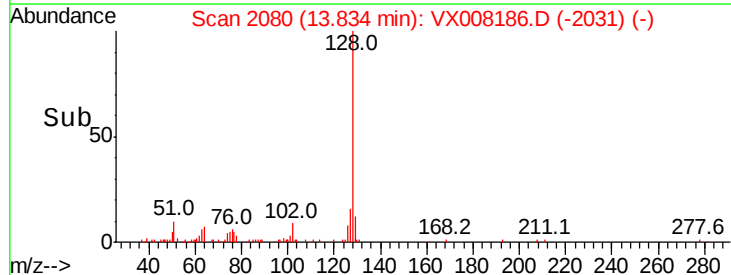
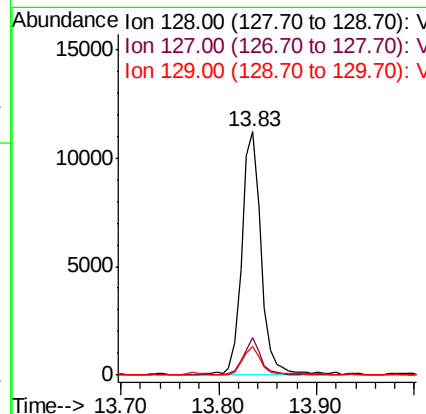
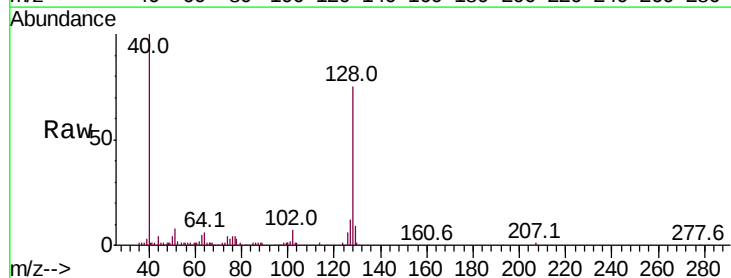
RT: 13.83 min Scan# 2080

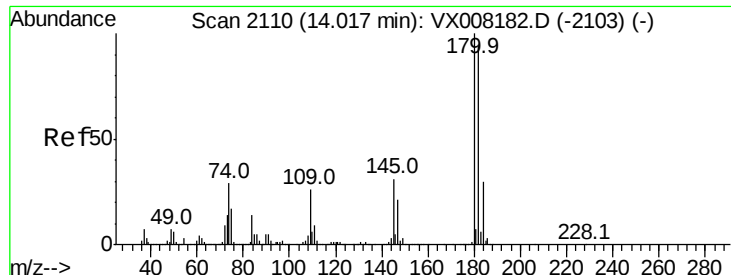
Delta R.T. -0.00 min

Lab File: VX008186.D

Acq: 19 Mar 2019 12:48

Tgt Ion:	128	Resp:	15454
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.3	15.5
129	11.2	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.842 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008186.D
 Acq: 19 Mar 2019 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.0	47.5	142.5
145	36.3	14.8	44.3

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