

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007742.D
 Acq On : 27 Feb 2019 18:58
 Operator : JC/SP
 Sample : VX0227MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 12:22:59 PM

Quant Time: Feb 28 04:42:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	289954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	426677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	385148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193966	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181461	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	5.50	113	147041	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	8.71	98	554443	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	196316	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47971	17.960	ug/l	98
3) Chloromethane	1.33	50	54527	18.422	ug/l	100
4) Vinyl Chloride	1.41	62	55964	18.429	ug/l	97
5) Bromomethane	1.64	94	36815	18.259	ug/l	99
6) Chloroethane	1.73	64	36573	18.851	ug/l	94
7) Trichlorofluoromethane	1.93	101	80075	17.201	ug/l	100
8) Diethyl Ether	2.19	74	34784	18.206	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46652	16.580	ug/l	99
10) Methyl Iodide	2.51	142	66220	18.901	ug/l	100
11) Tert butyl alcohol	3.07	59	67437	98.960	ug/l	97
12) 1,1-Dichloroethene	2.38	96	45249	17.841	ug/l	94
13) Acrolein	2.30	56	55952	92.399	ug/l	99
14) Allyl chloride	2.73	41	92533	19.731	ug/l	94
15) Acrylonitrile	3.15	53	162499	101.330	ug/l	99
16) Acetone	2.45	43	148774	93.147	ug/l	99
17) Carbon Disulfide	2.57	76	117996	16.722	ug/l	99
18) Methyl Acetate	2.78	43	75314	21.609	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	167005	18.909	ug/l	99
20) Methylene Chloride	2.86	84	52419	17.774	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	48760	17.684	ug/l	88
22) Diisopropyl ether	3.87	45	193639	19.835	ug/l	96
23) Vinyl Acetate	3.82	43	832667	97.215	ug/l	97
24) 1,1-Dichloroethane	3.70	63	100788	18.996	ug/l	98
25) 2-Butanone	4.70	43	247160	101.589	ug/l	94
26) 2,2-Dichloropropane	4.59	77	68040	16.065	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60647	17.286	ug/l	92
28) Bromochloromethane	5.02	49	48630	18.827	ug/l	84
29) Tetrahydrofuran	5.15	42	161296	100.576	ug/l	93
30) Chloroform	5.21	83	101784	17.909	ug/l	99
31) Cyclohexane	5.57	56	89208	17.875	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	83232	17.708	ug/l	96
36) 1,1-Dichloropropene	5.80	75	74297	19.368	ug/l	97
37) Ethyl Acetate	4.85	43	91579	21.492	ug/l	99
38) Carbon Tetrachloride	5.78	117	72409	18.792	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86442	17.830	ug/l	94
40) Benzene	6.14	78	229392	19.372	ug/l	99
41) Methacrylonitrile	5.06	41	52313	22.991	ug/l	94
42) 1,2-Dichloroethane	6.20	62	83487	20.977	ug/l	100
43) Isopropyl Acetate	6.46	43	139398	21.256	ug/l	97
44) Trichloroethene	7.21	130	62722	19.255	ug/l	94
45) 1,2-Dichloropropane	7.52	63	61585	20.077	ug/l	99
46) Dibromomethane	7.66	93	39086	18.265	ug/l	98
47) Bromodichloromethane	7.90	83	70193	18.928	ug/l	99
48) Methyl methacrylate	7.77	41	74124	21.562	ug/l	92
49) 1,4-Dioxane	7.75	88	29077	391.621	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	470825	107.253	ug/l	99
52) Toluene	8.78	92	142298	19.057	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	75006	18.160	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	84777	18.838	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	59828	19.214	ug/l	97
56) Ethyl methacrylate	9.18	69	87537	19.769	ug/l	95
57) 1,3-Dichloropropane	9.37	76	97775	19.616	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	242413	99.275	ug/l	97
59) 2-Hexanone	9.49	43	360389	104.568	ug/l	98
60) Dibromochloromethane	9.58	129	56449	18.840	ug/l	99
61) 1,2-Dibromoethane	9.67	107	61052	18.885	ug/l	98
64) Tetrachloroethene	9.34	164	64779	20.718	ug/l	99
65) Chlorobenzene	10.14	112	157852	18.950	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	56156	19.326	ug/l	100
67) Ethyl Benzene	10.25	91	261800	18.972	ug/l	100
68) m/p-Xylenes	10.36	106	201159	37.472	ug/l	96
69) o-Xylene	10.69	106	96431	18.675	ug/l	94
70) Styrene	10.71	104	161420	19.019	ug/l	99
71) Bromoform	10.85	173	42627	19.563	ug/l	99
73) Isopropylbenzene	11.02	105	260016	18.756	ug/l	100
74) N-amyl acetate	10.90	43	118796	19.733	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	88472	18.452	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	75213m	18.192	ug/l	
77) Bromobenzene	11.26	156	70918	20.395	ug/l	94
78) n-propylbenzene	11.36	91	289954	18.509	ug/l	98
79) 2-Chlorotoluene	11.42	91	175938	18.652	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	215037	18.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22385	16.645	ug/l	90
82) 4-Chlorotoluene	11.51	91	200882	18.205	ug/l	99
83) tert-Butylbenzene	11.77	119	207390	18.942	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	221135	18.958	ug/l	99
85) sec-Butylbenzene	11.94	105	255390	18.615	ug/l	99
86) p-Isopropyltoluene	12.06	119	227005	18.893	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	123961	19.220	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	123380	18.678	ug/l	98
89) n-Butylbenzene	12.39	91	188157	17.559	ug/l	100
90) Hexachloroethane	12.60	117	34309	16.947	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	123440	19.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17967	17.198	ug/l	94

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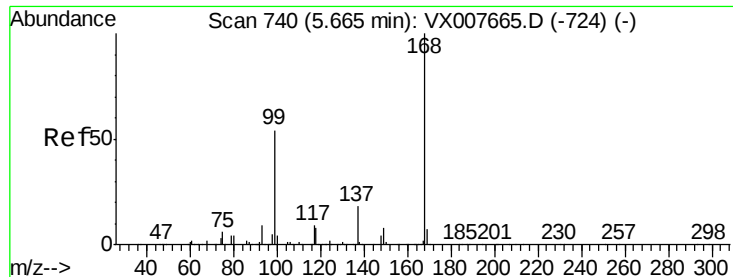
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83908	21.301	ug/l	99
94) Hexachlorobutadiene	13.78	225	44970	24.955	ug/l	99
95) Naphthalene	13.83	128	251675	19.720	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	85356	21.580	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion:168 Resp: 289954

Ion Ratio Lower Upper

168 100

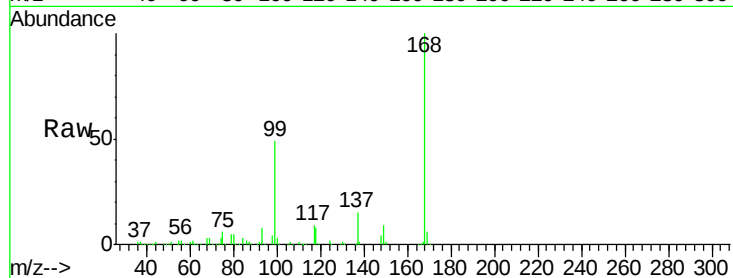
99 49.2 37.9 56.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

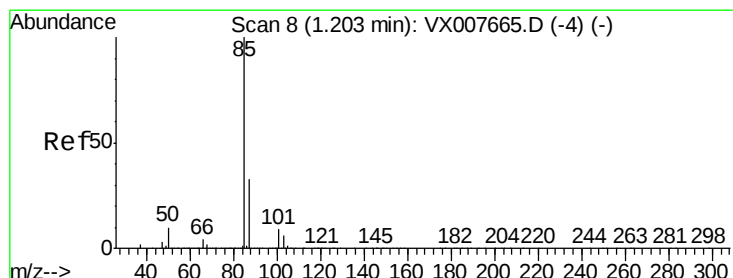
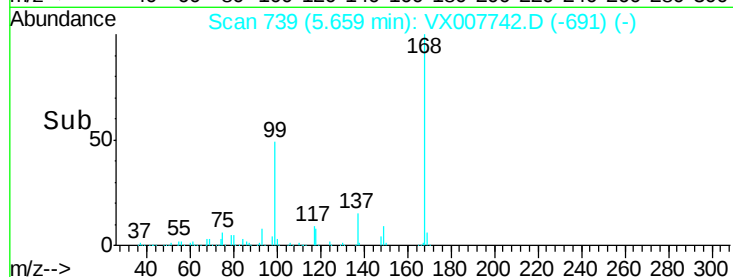
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.960 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007742.D

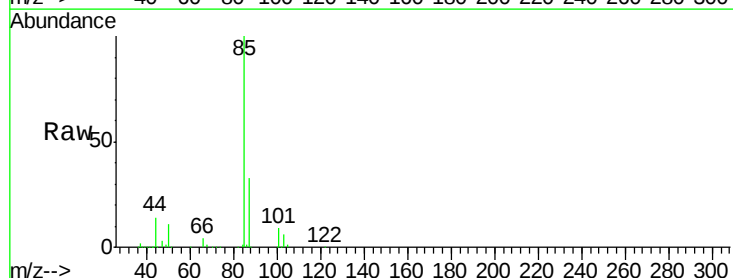
Acq: 27 Feb 2019 18:58

Tgt Ion: 85 Resp: 47971

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

20000

10000

0

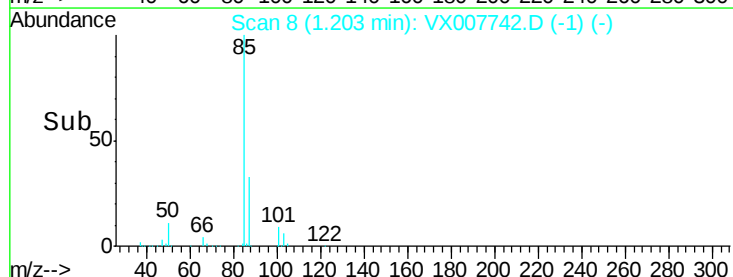
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 18.422 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 50 Resp: 54527

Ion Ratio Lower Upper

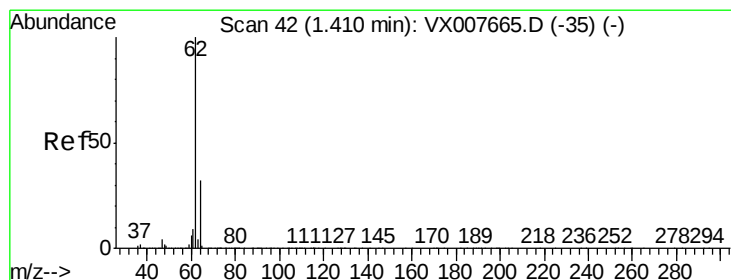
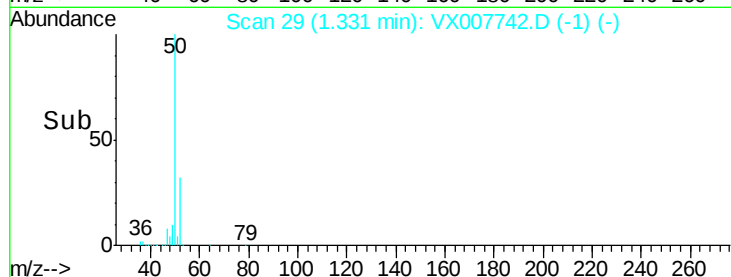
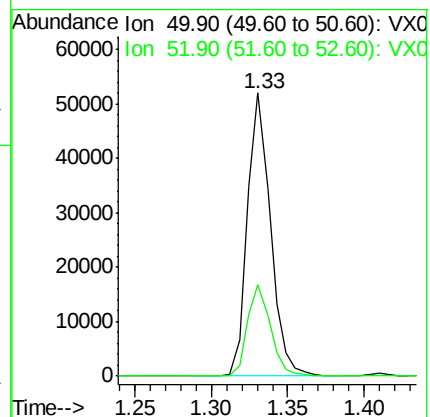
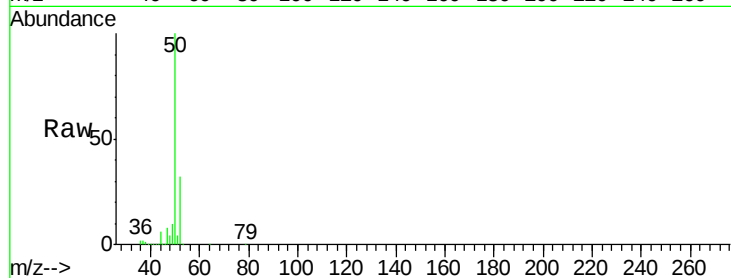
50 100

52 32.4 26.1 39.1

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#4

Vinyl Chloride

Concen: 18.429 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007742.D

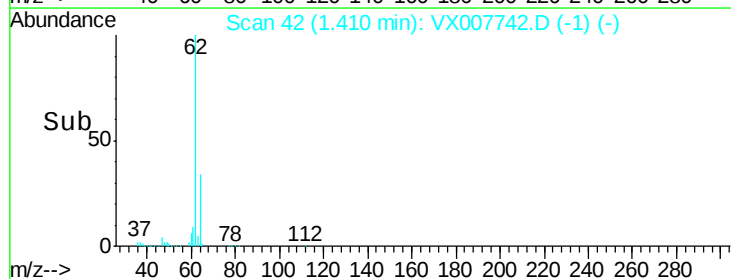
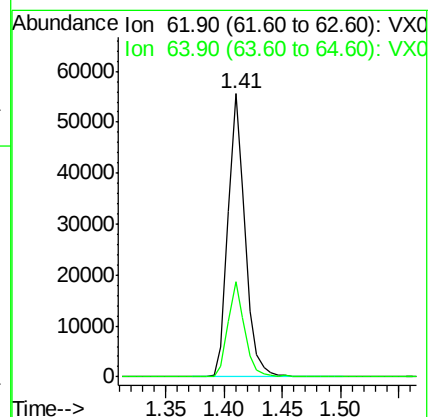
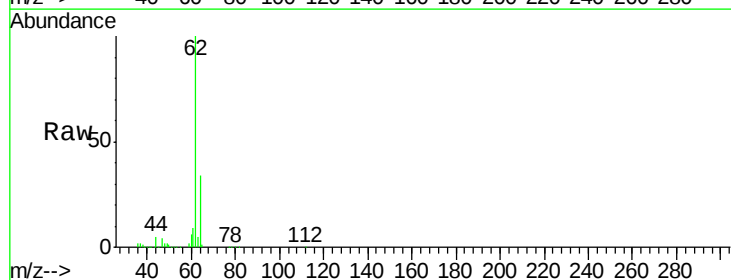
Acq: 27 Feb 2019 18:58

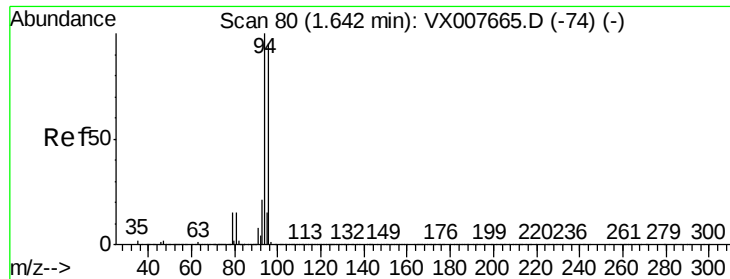
Tgt Ion: 62 Resp: 55964

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.0





#5

Bromomethane

Concen: 18.259 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 94 Resp: 36815

Ion Ratio Lower Upper

94 100

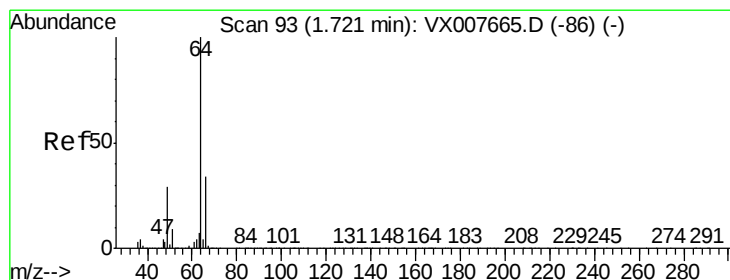
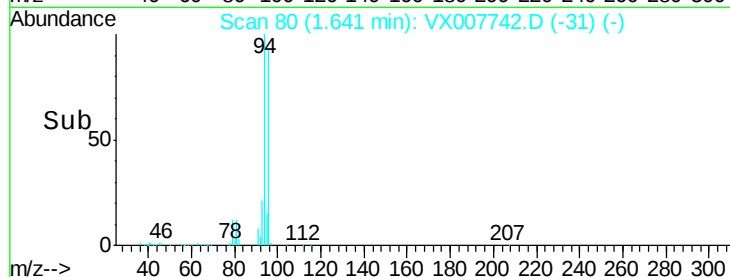
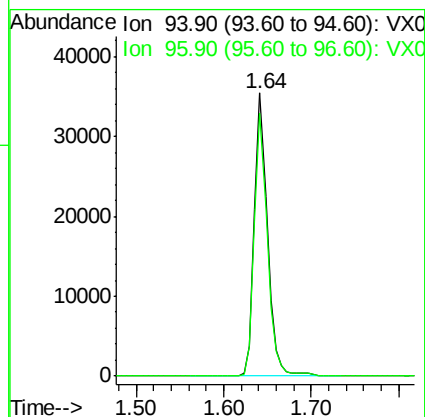
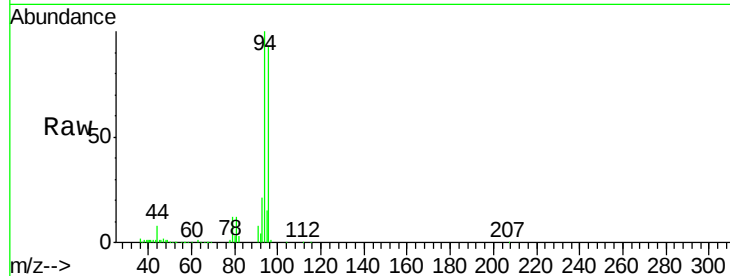
96 93.1 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 18.851 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007742.D

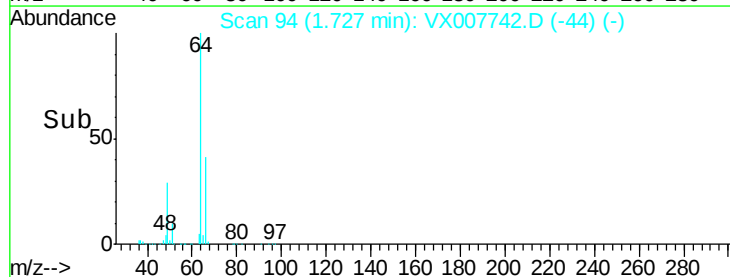
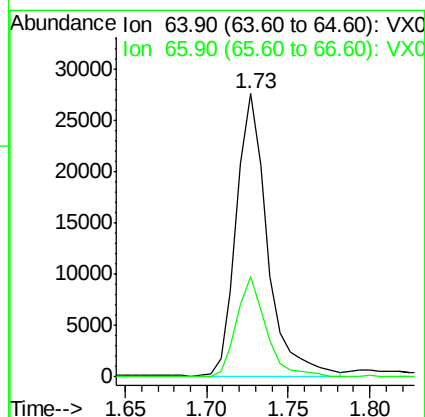
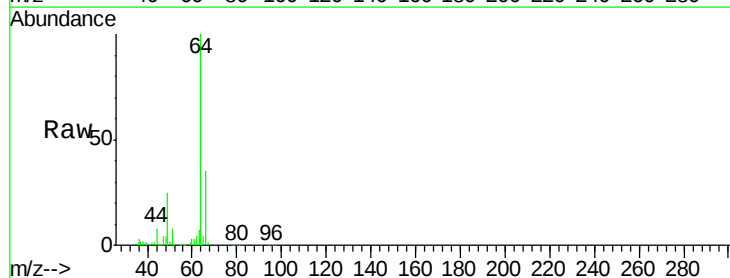
Acq: 27 Feb 2019 18:58

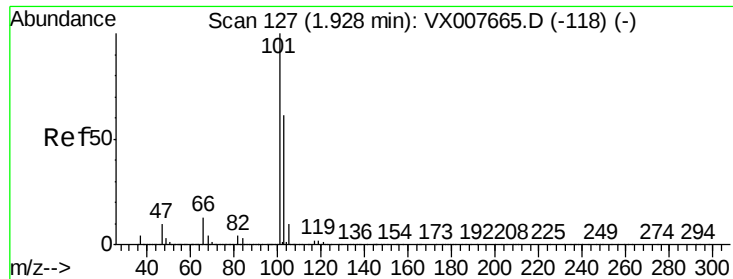
Tgt Ion: 64 Resp: 36573

Ion Ratio Lower Upper

64 100

66 35.2 25.5 38.3





#7

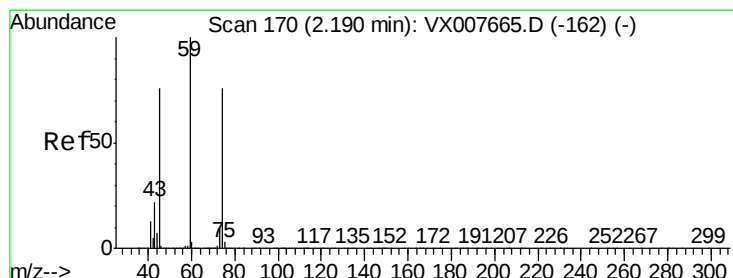
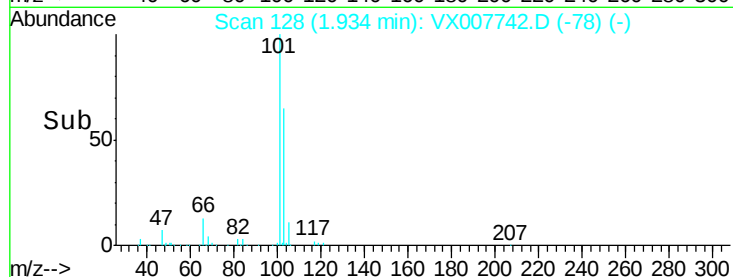
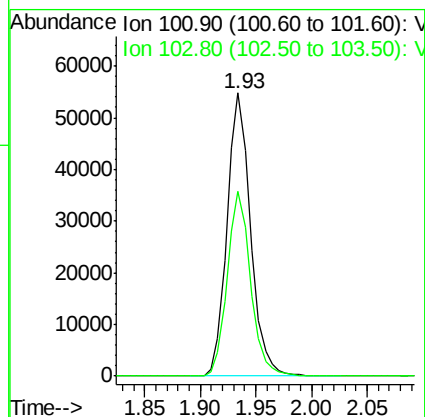
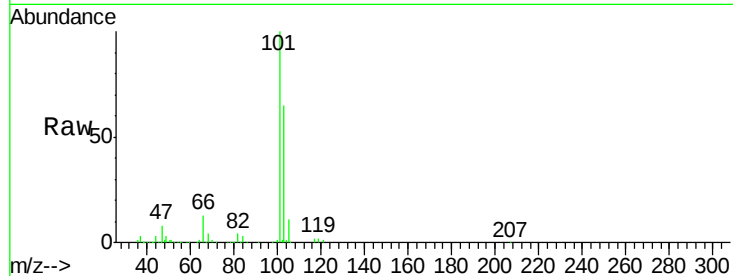
Trichlorofluoromethane
 Concen: 17.201 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Instrument :
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 ClientSampleId :
 VX0227MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.6	79.0

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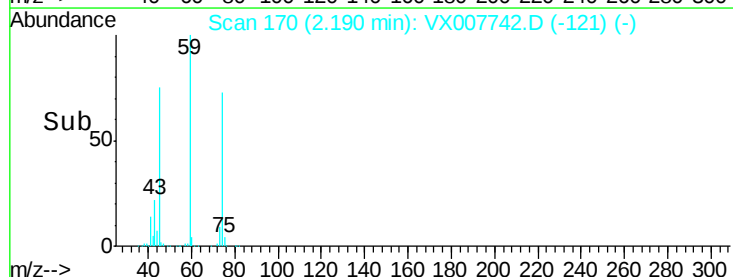
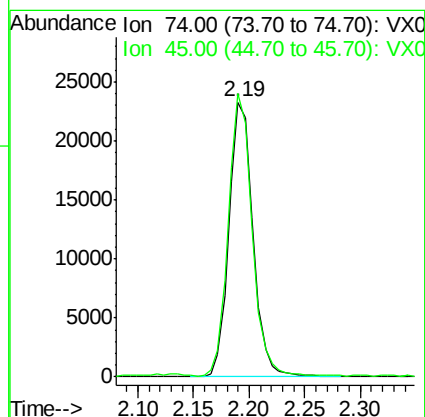
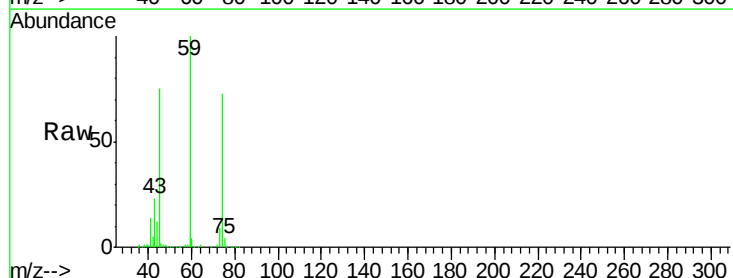
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#8

Diethyl Ether
 Concen: 18.206 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.580 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

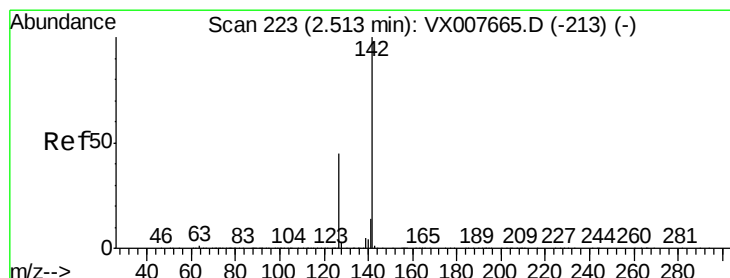
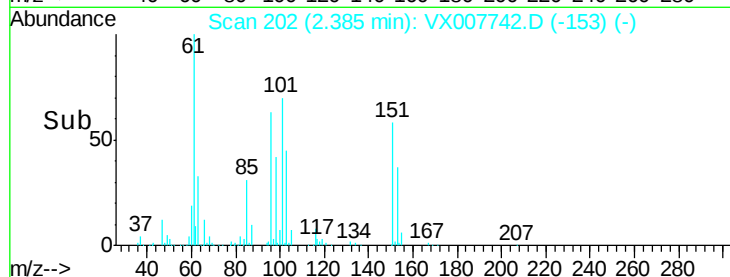
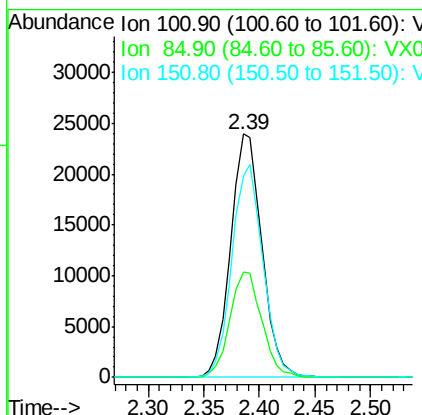
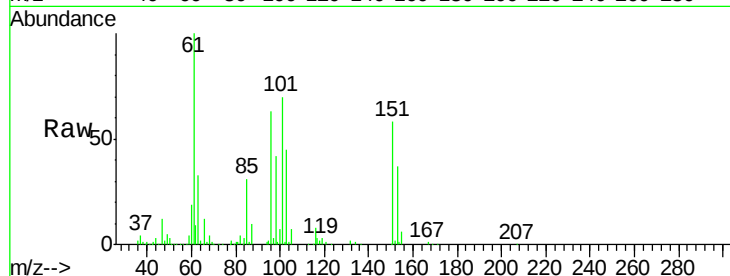
ClientSampleId :

VX0227MBS01

Tot Ion:	101	Resp:	46652
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.1	51.1
151	87.1	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 18.901 ug/l

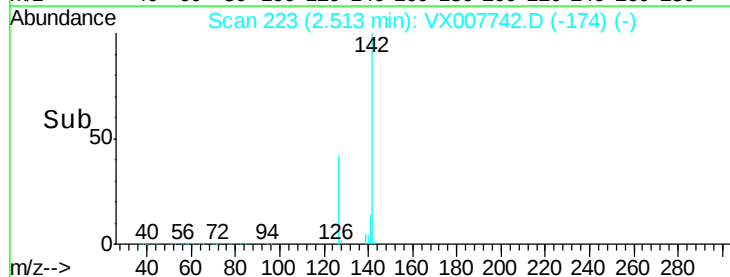
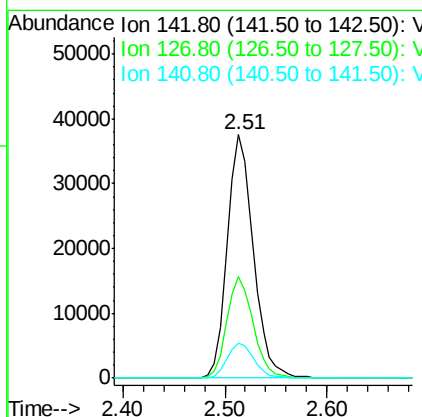
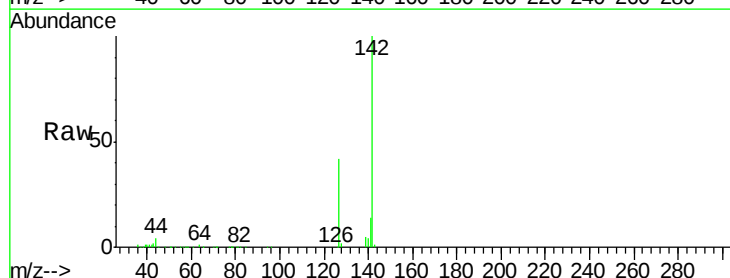
RT: 2.51 min Scan# 223

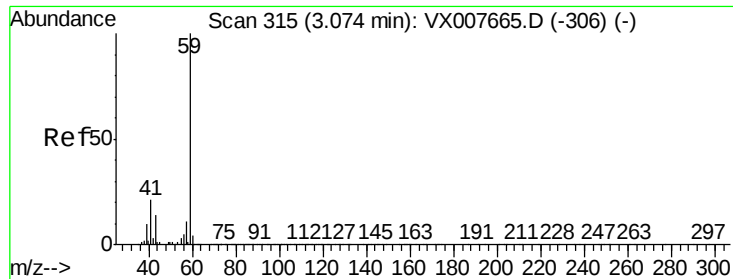
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	142	Resp:	66220
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.7	50.5
141	14.7	11.3	16.9





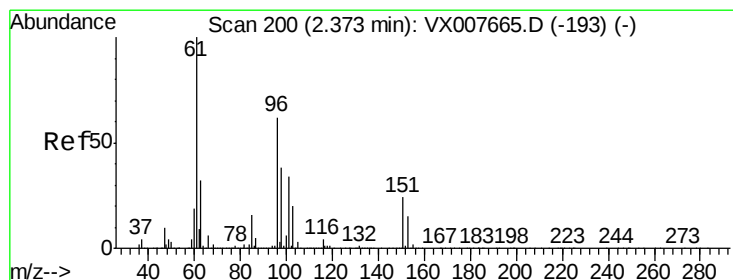
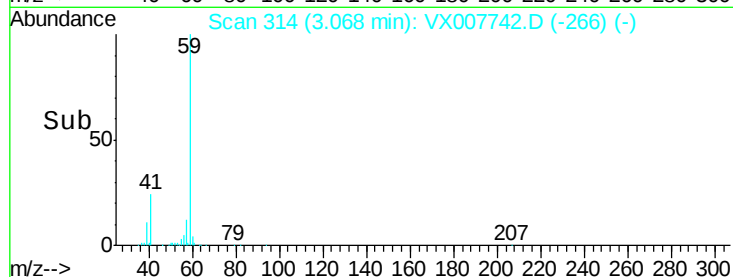
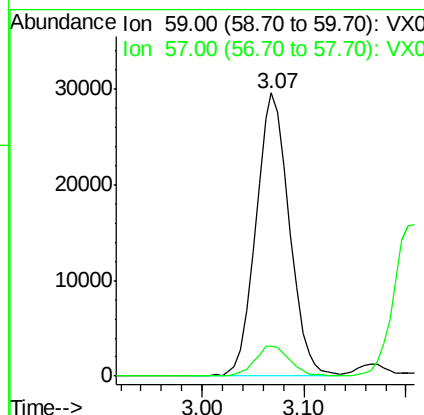
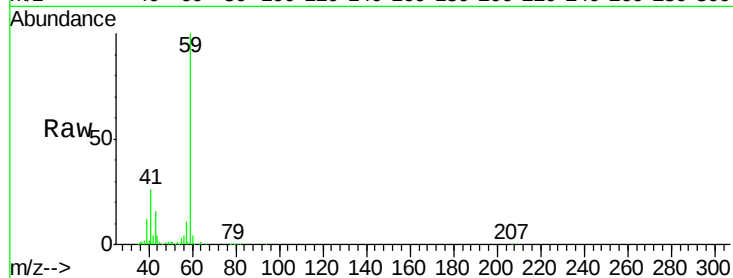
#11
Tert butyl alcohol
Concen: 98.960 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.1	12.1

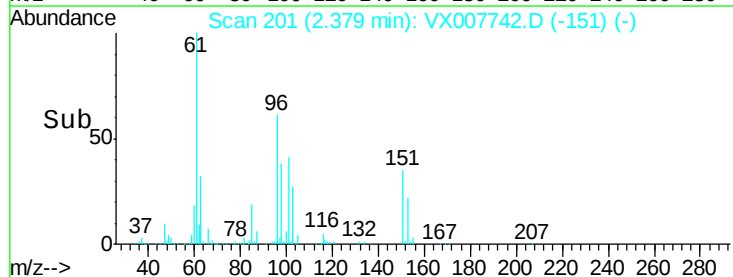
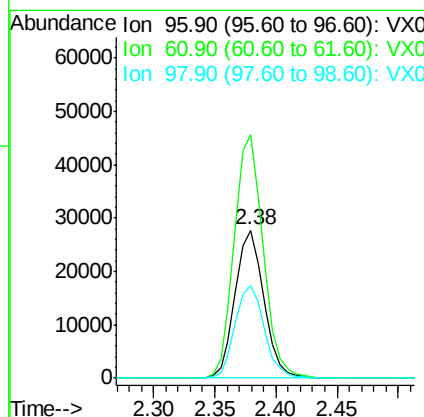
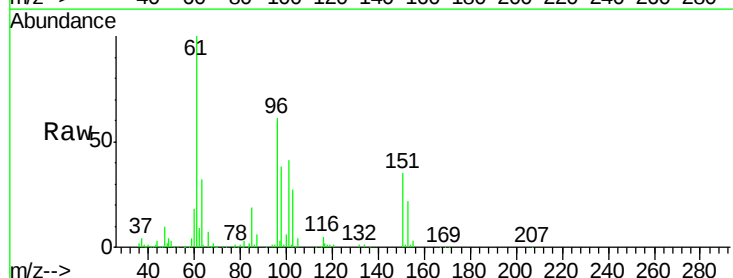
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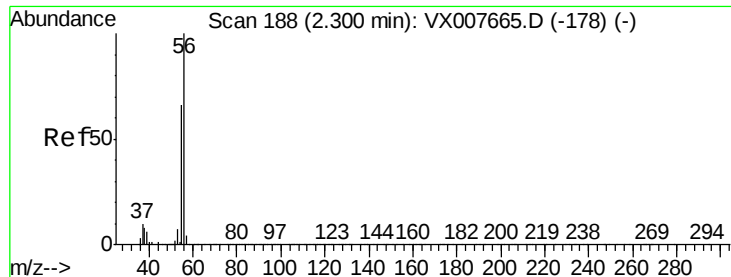
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.841 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.6	123.0	184.4
98	62.4	50.9	76.3





#13

Acrolein

Concen: 92.399 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBSD01

Tot Ion: 56 Resp: 55952

Ion Ratio Lower Upper

56 100

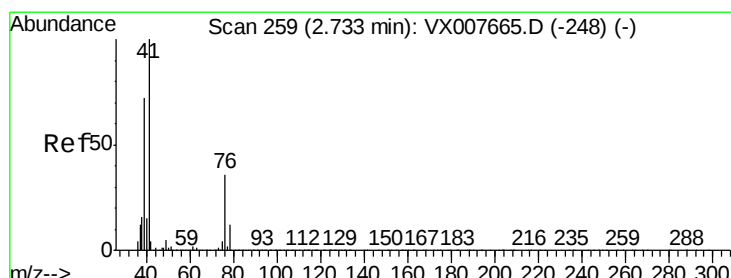
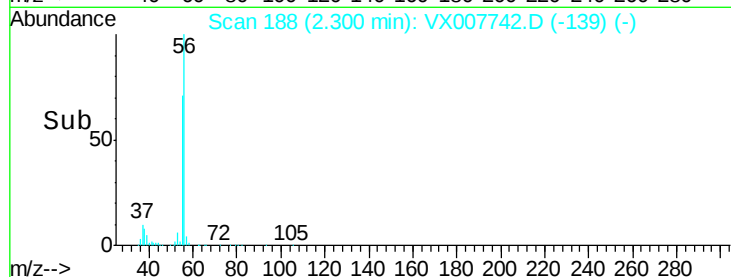
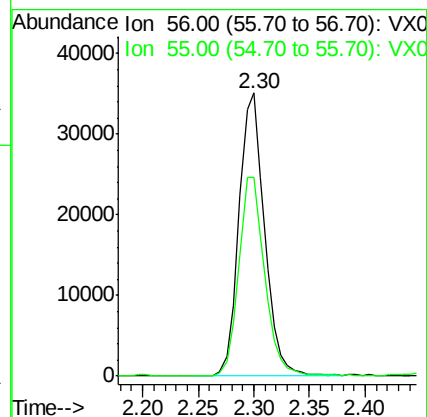
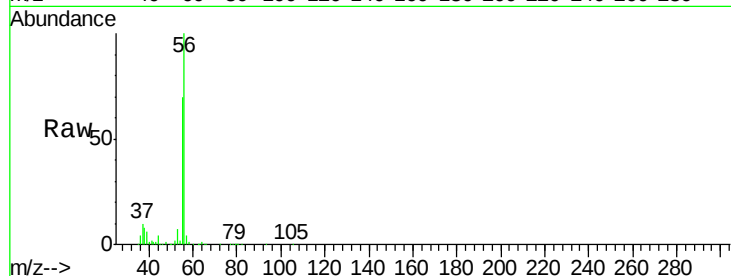
55 71.8 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 19.731 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

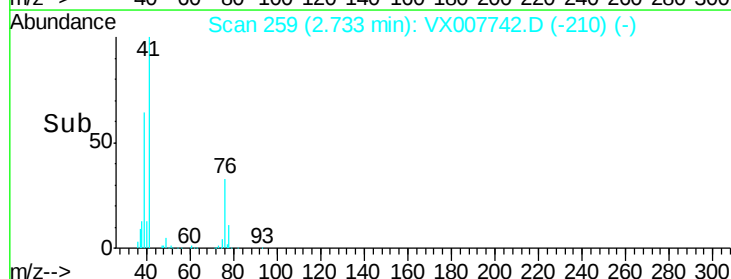
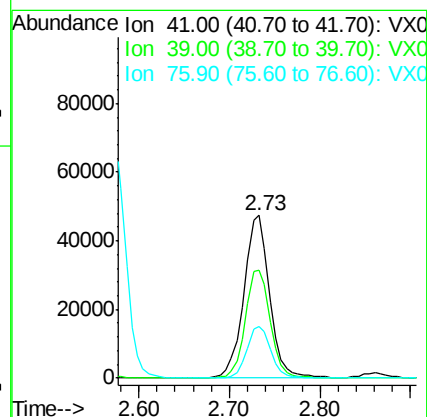
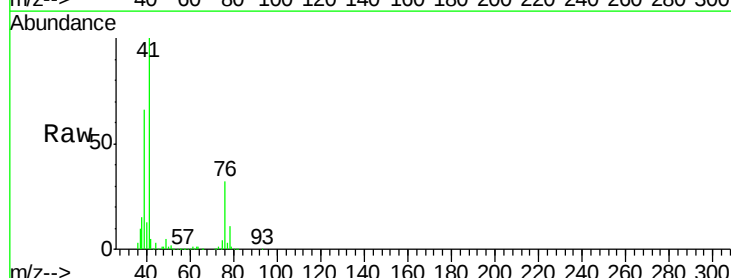
Tgt Ion: 41 Resp: 92533

Ion Ratio Lower Upper

41 100

39 64.4 54.1 81.1

76 29.9 27.8 41.8





#15

Acrylonitrile

Concen: 101.330 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

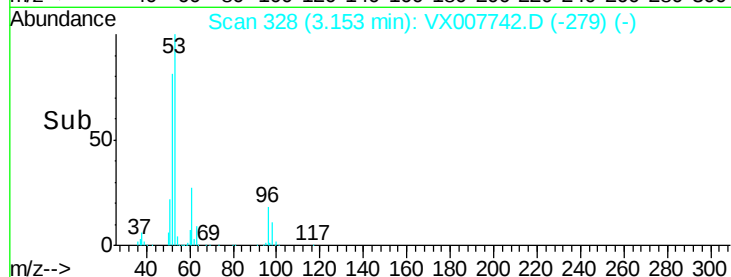
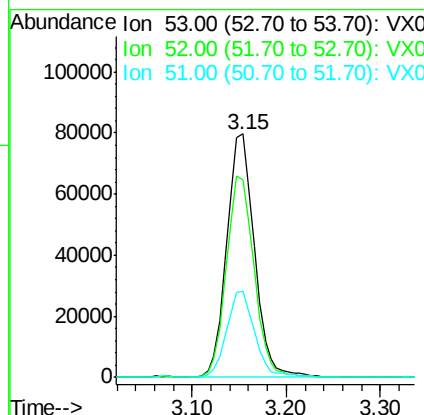
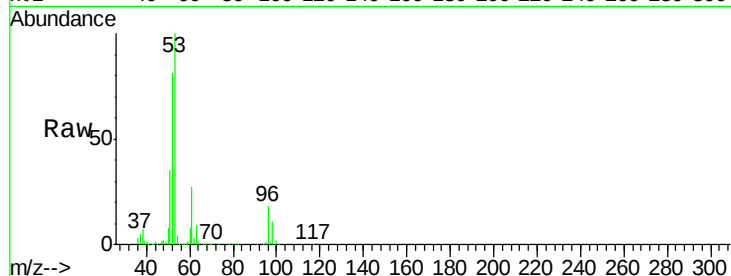
ClientSampleId :

VX0227MBS01

Tot Ion:	53	Resp:	162499
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.4	99.6
51	36.0	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 93.147 ug/l

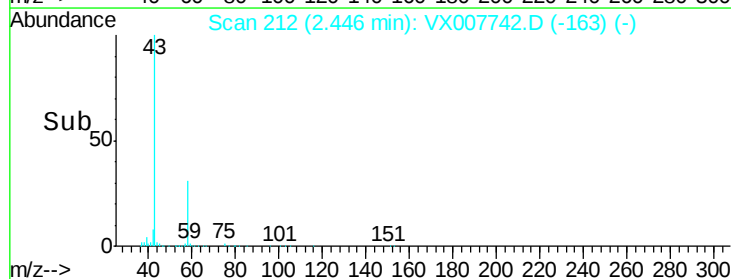
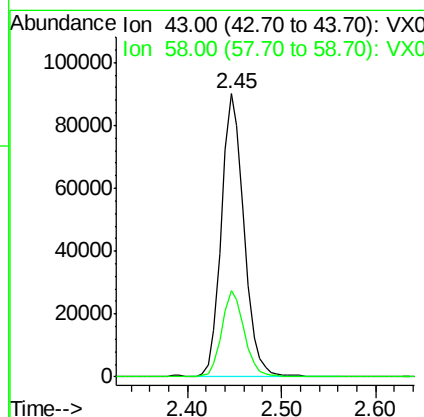
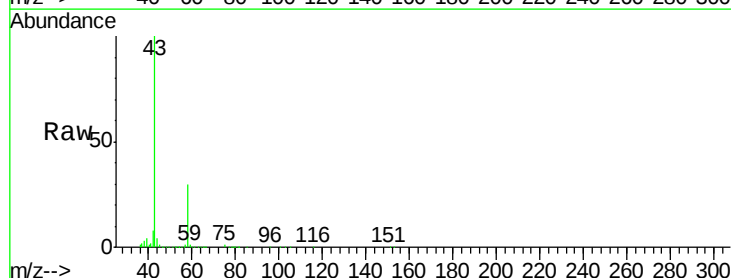
RT: 2.45 min Scan# 212

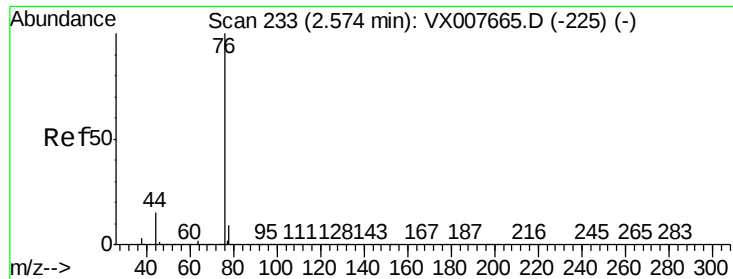
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	43	Resp:	148774
Ion Ratio		Lower	Upper
43	100		
58	30.5	24.9	37.3





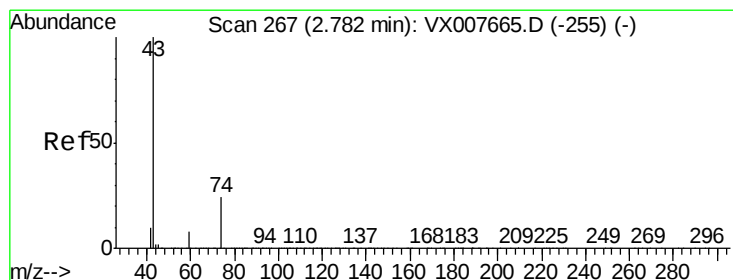
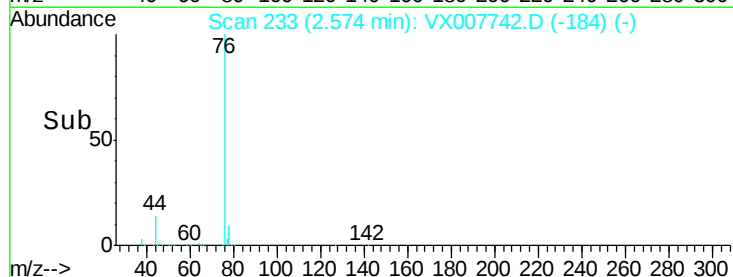
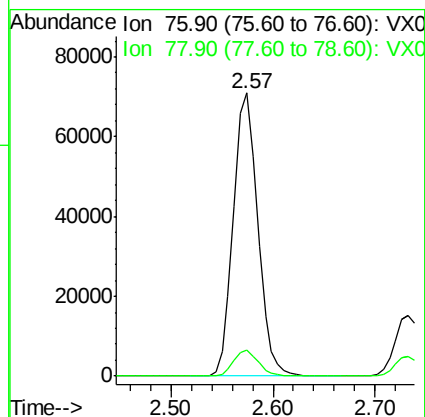
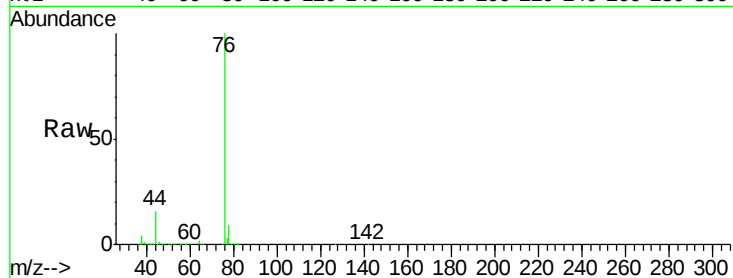
#17
Carbon Disulfide
Concen: 16.722 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBSD01

Tot Ion	Ion	Ratio	Lower	Upper
76	76	100		
78	78	9.2	7.1	10.7

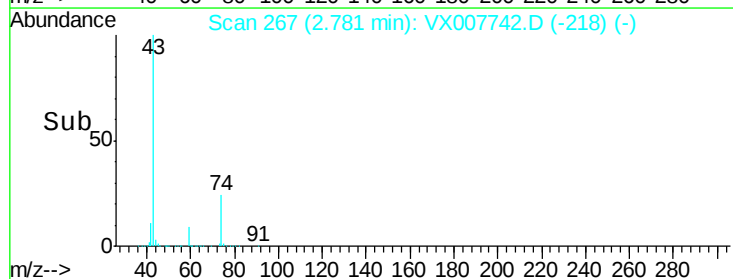
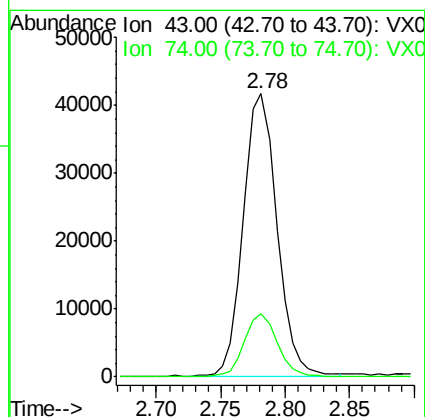
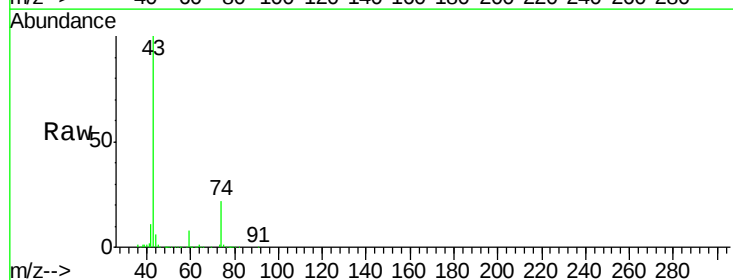
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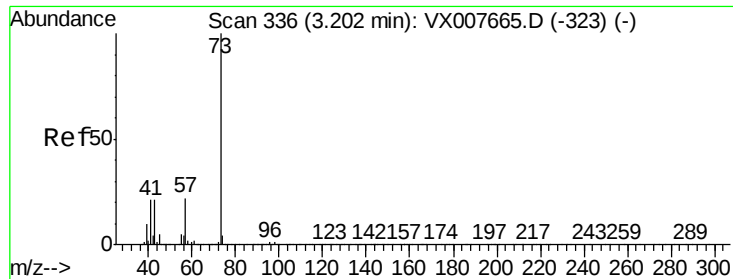
MMDadoda
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#18
Methyl Acetate
Concen: 21.609 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
74	74	22.4	19.4	29.2





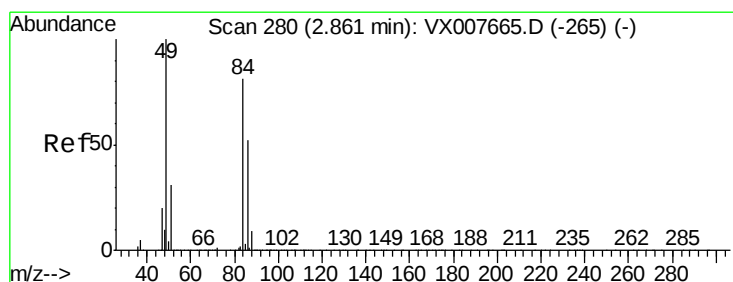
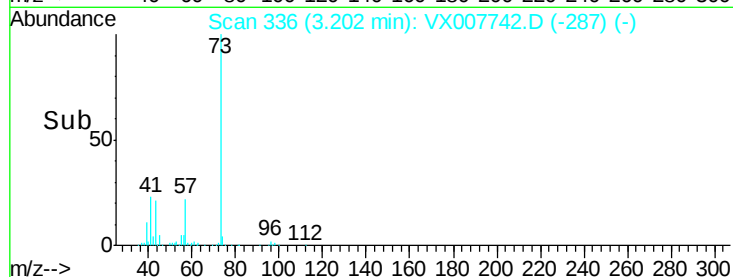
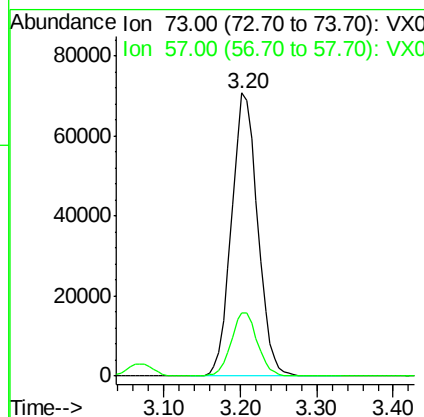
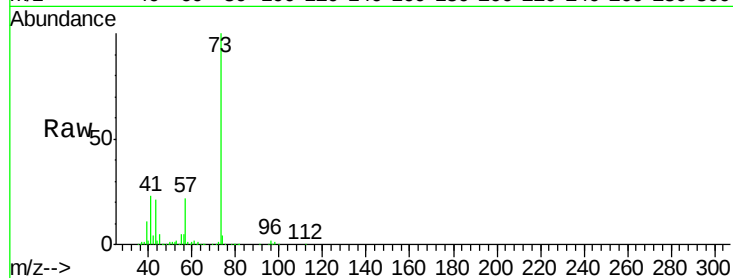
#19
Methvl tert-butvl Ether
Concen: 18.909 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion: 73 Resp: 167005
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.8

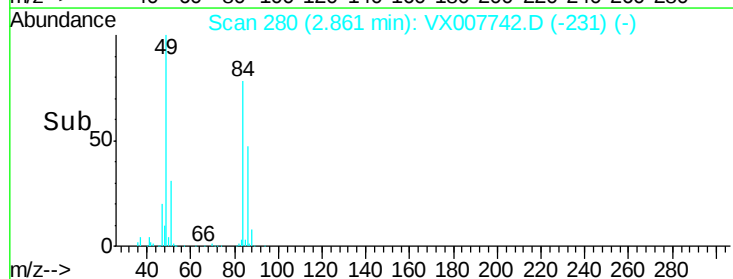
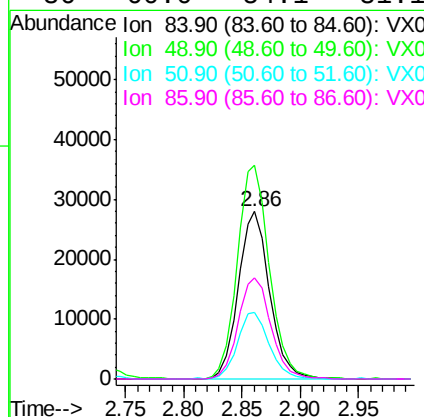
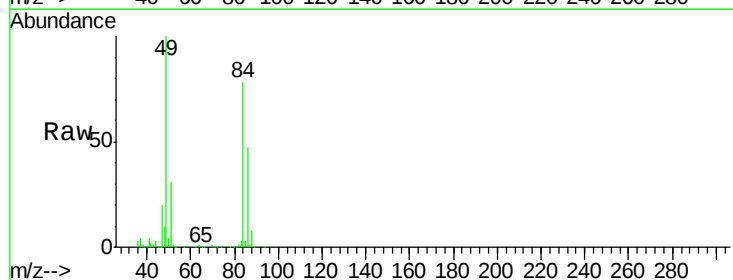
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#20
Methylene Chloride
Concen: 17.774 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 84 Resp: 52419
Ion Ratio Lower Upper
84 100
49 127.4 94.8 142.2
51 39.5 29.8 44.8
86 60.0 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.684 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

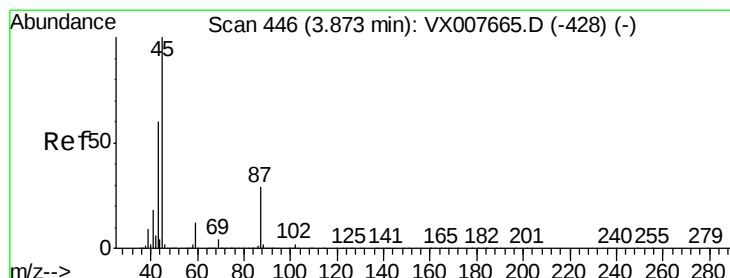
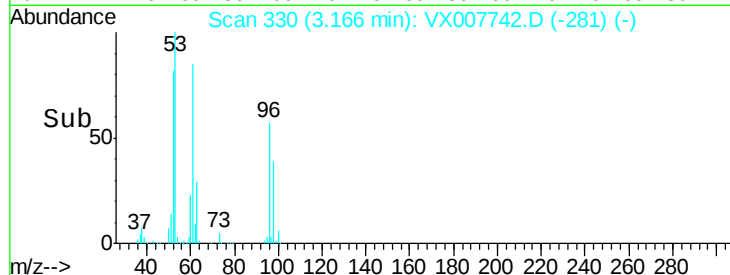
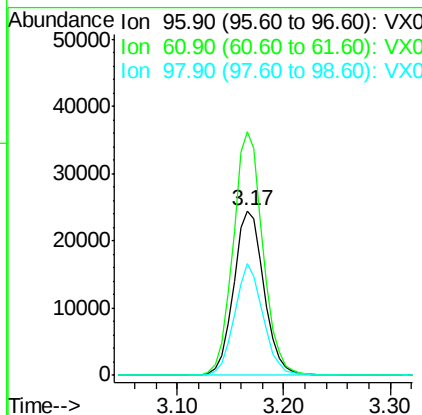
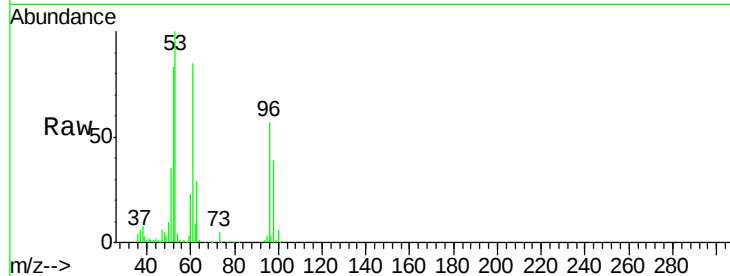
ClientSampleId :

VX0227MBS01

Tot Ion:	96	Resp:	48760
Ion	Ratio	Lower	Upper
96	100		
61	147.9	104.6	156.8
98	67.8	51.0	76.4

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#22

Diisopropyl ether

Concen: 19.835 ug/l

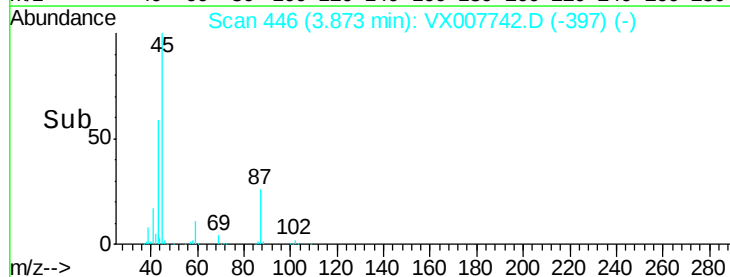
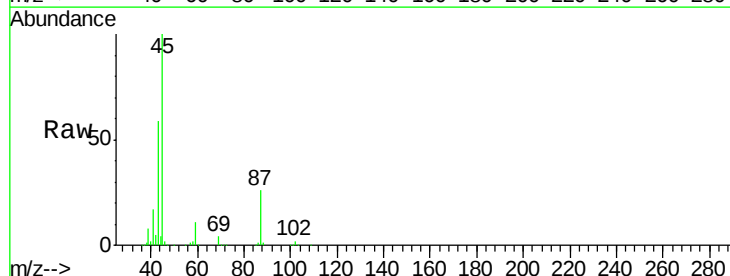
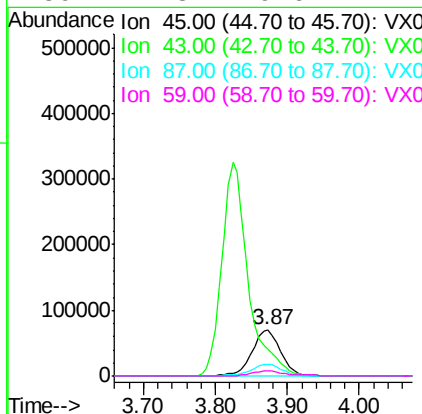
RT: 3.87 min Scan# 446

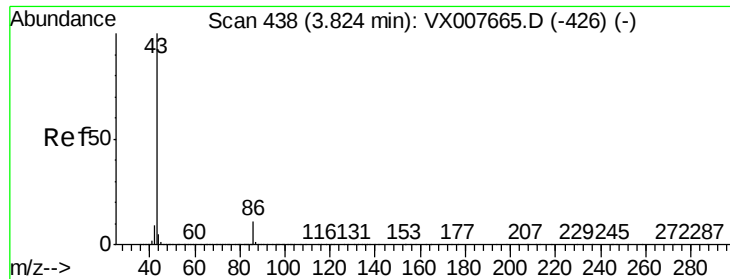
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	45	Resp:	193639
Ion	Ratio	Lower	Upper
45	100		
43	58.6	48.9	73.3
87	25.6	23.9	35.9
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 97.215 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBSD01

Tot Ion: 43 Resp: 832667

Ion Ratio Lower Upper

43 100

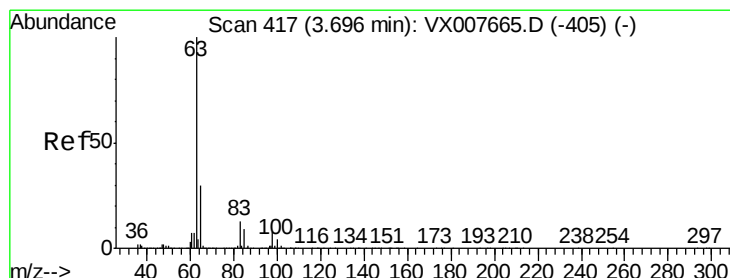
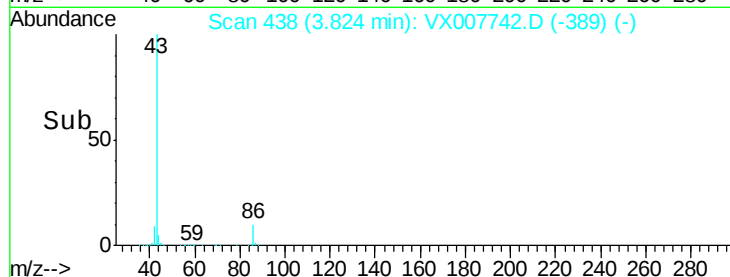
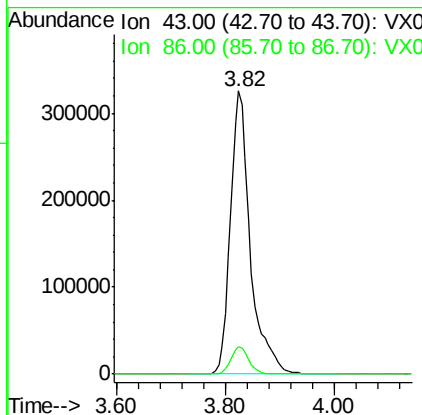
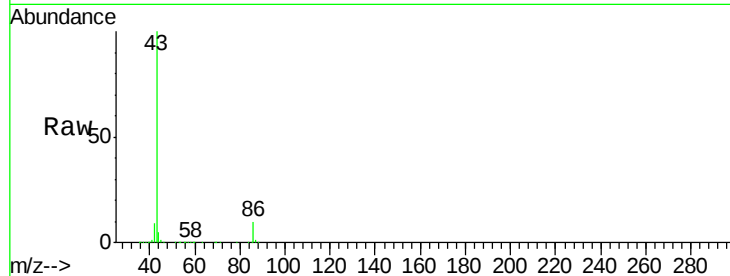
86 9.6 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 18.996 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

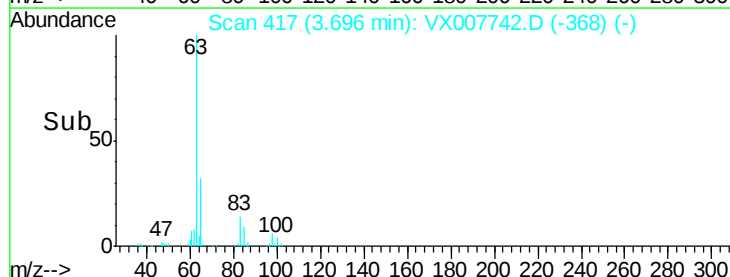
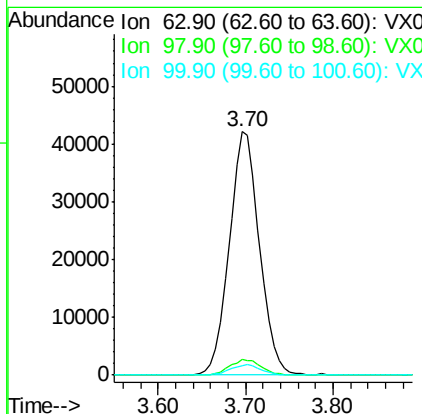
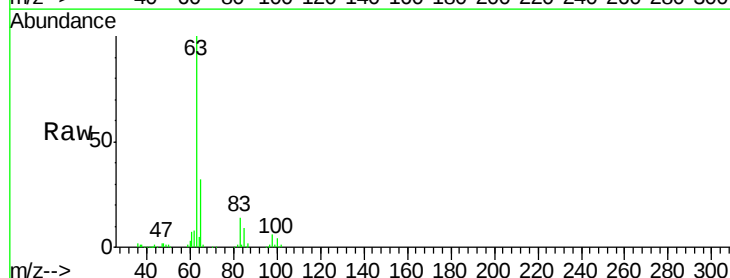
Tgt Ion: 63 Resp: 100788

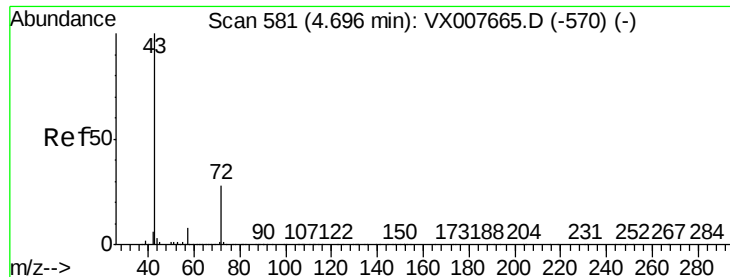
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 4.1 2.5 7.4





#25

2-Butanone

Concen: 101.589 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 43 Resp: 247160

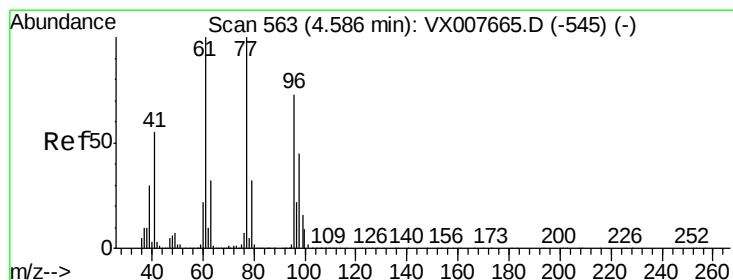
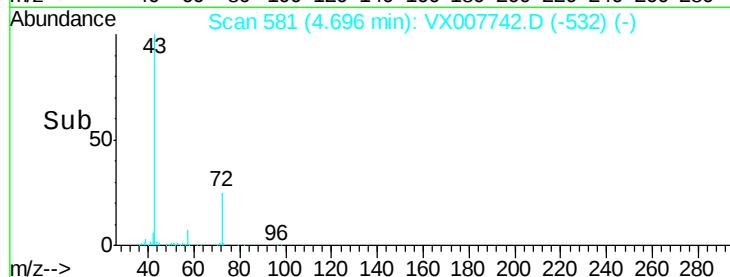
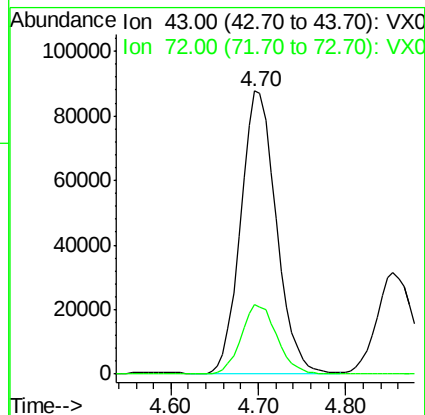
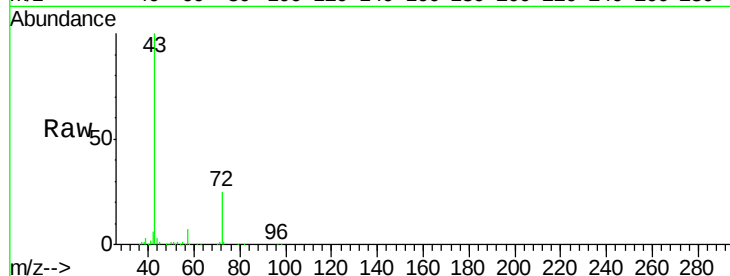
Ion Ratio Lower Upper

43 100

72 24.6 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 16.065 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007742.D

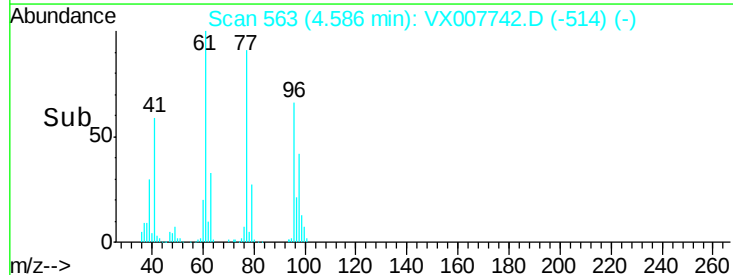
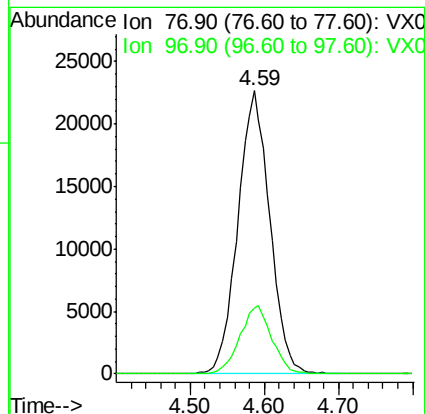
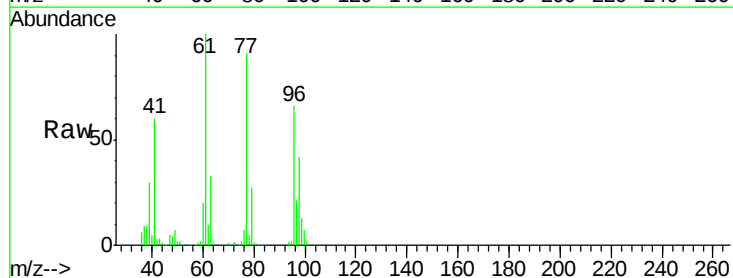
Acq: 27 Feb 2019 18:58

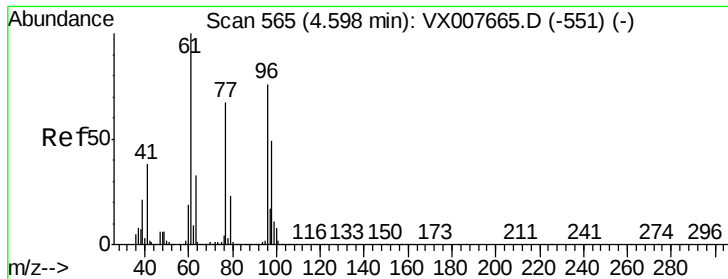
Tgt Ion: 77 Resp: 68040

Ion Ratio Lower Upper

77 100

97 23.9 12.1 36.3





#27

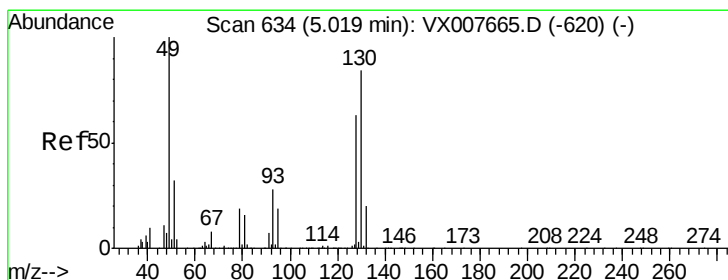
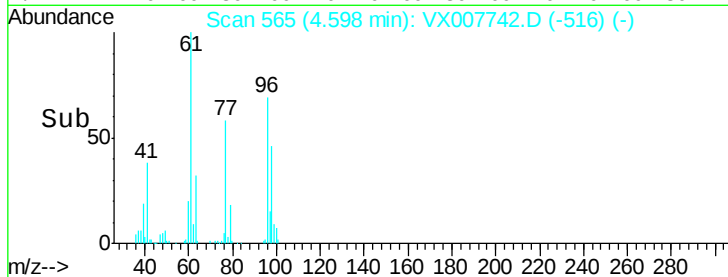
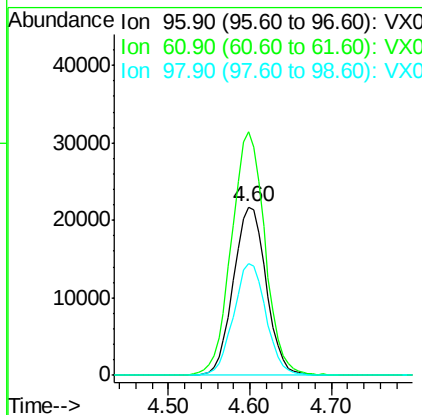
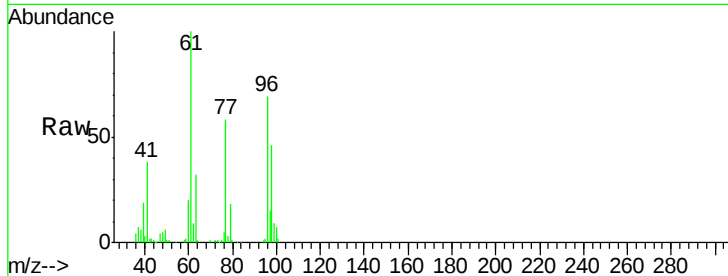
cis-1,2-Dichloroethene
Concen: 17.286 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	265.6
98	65.6	0.0	131.6

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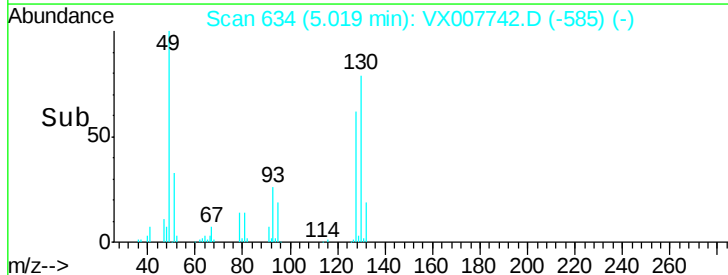
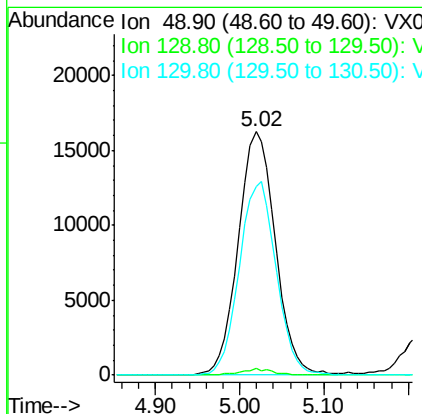
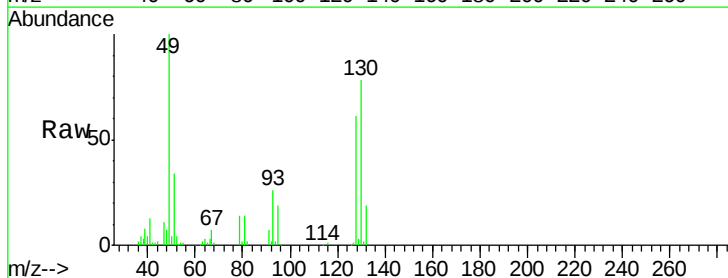
MMDadoda
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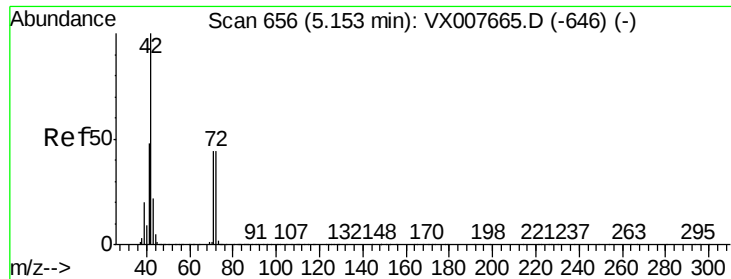


#28

Bromochloromethane
Concen: 18.827 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.6
130	78.7	75.6	113.4





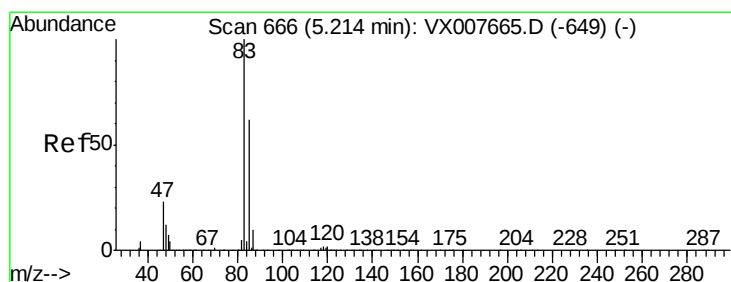
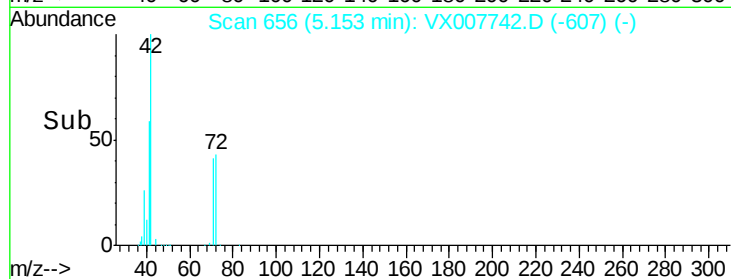
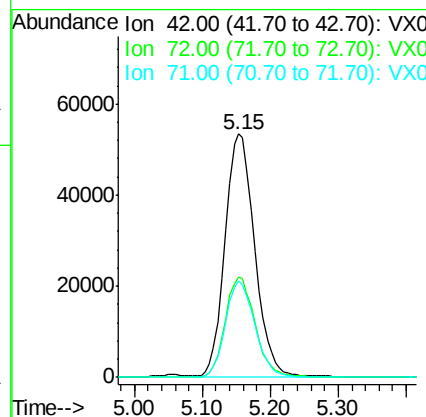
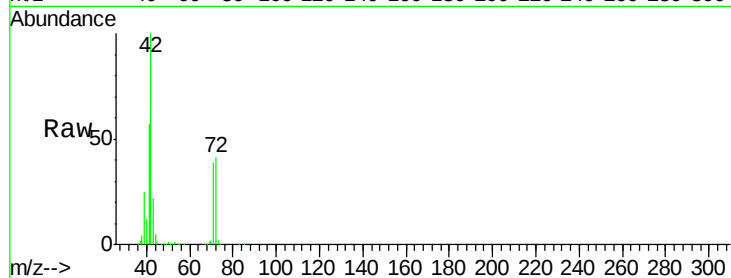
#29
Tetrahydrofuran
Concen: 100.576 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	37.6	56.4
71	39.3	34.6	51.8

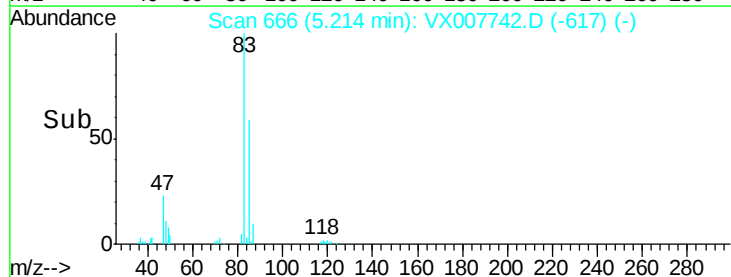
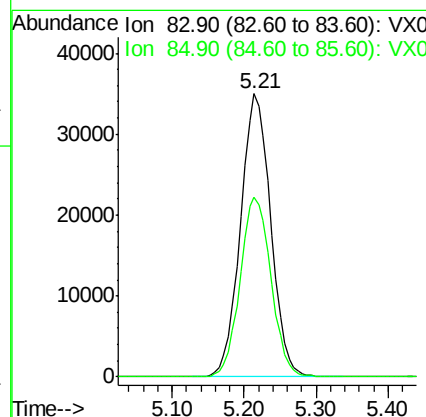
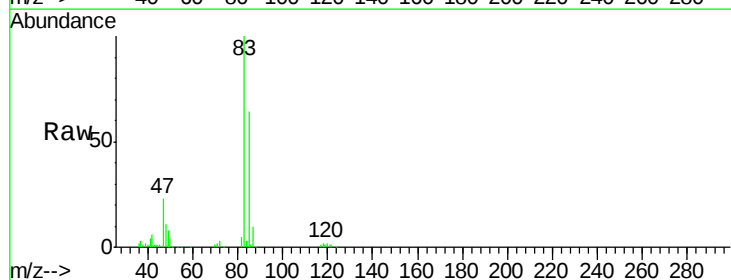
Manual Integrations
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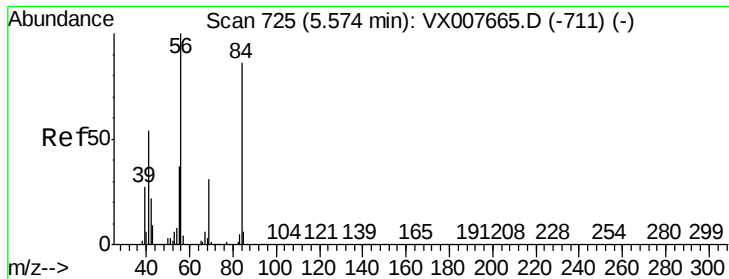
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#30
Chloroform
Concen: 17.909 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.6	77.4





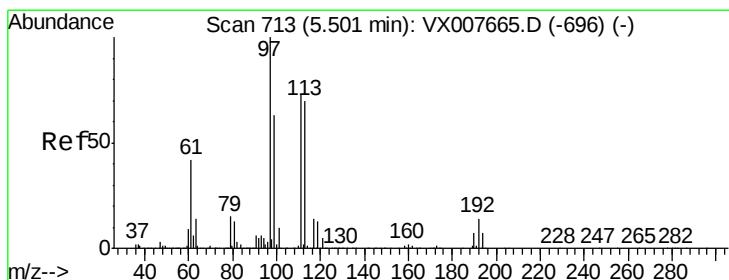
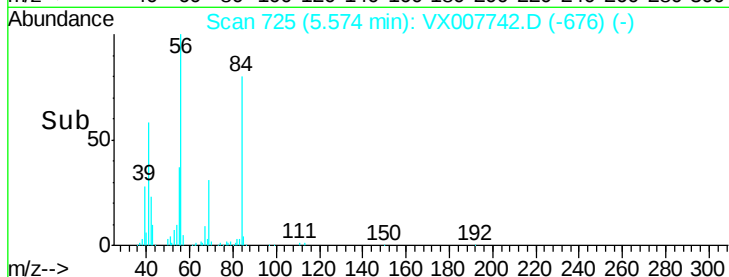
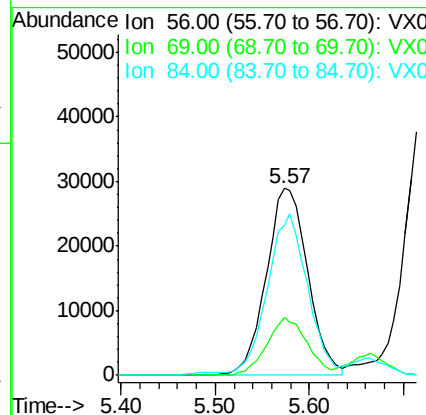
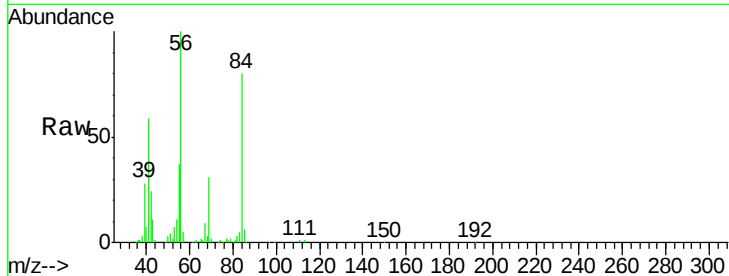
#31
Cyclohexane
Concen: 17.875 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.0	34.6
84	79.2	69.8	104.6

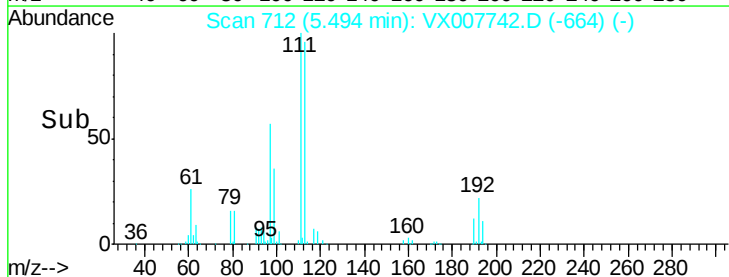
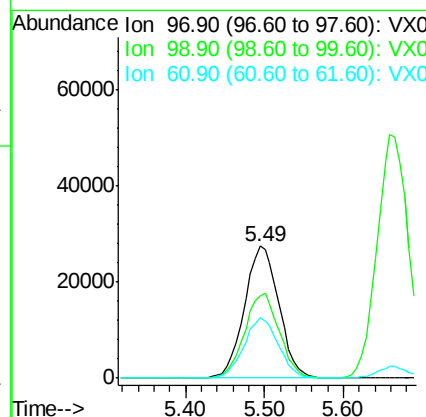
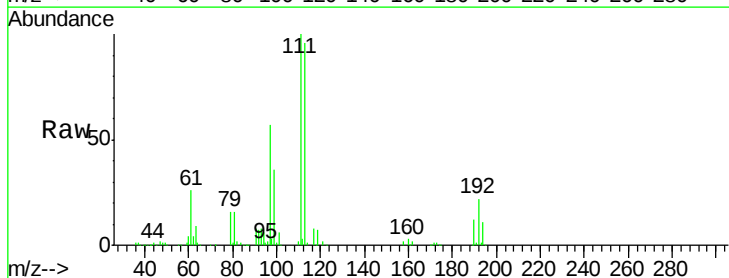
Manual Integrations
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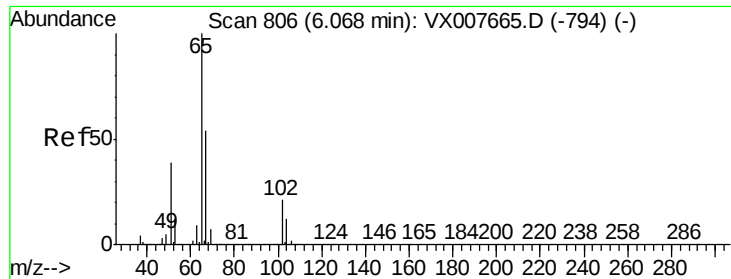
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#32
1,1,1-Trichloroethane
Concen: 17.708 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	45.7	32.7	49.1





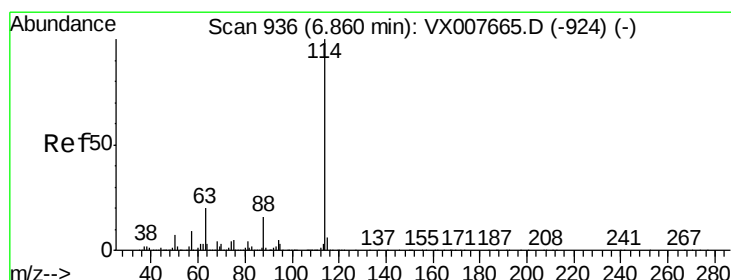
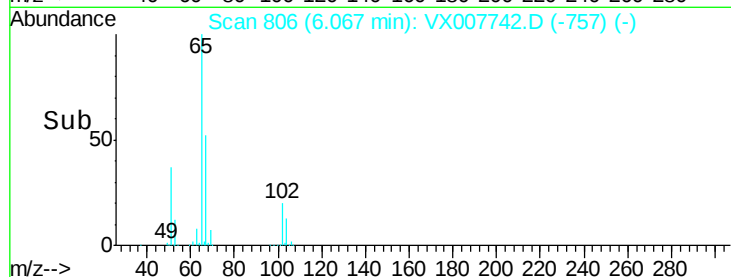
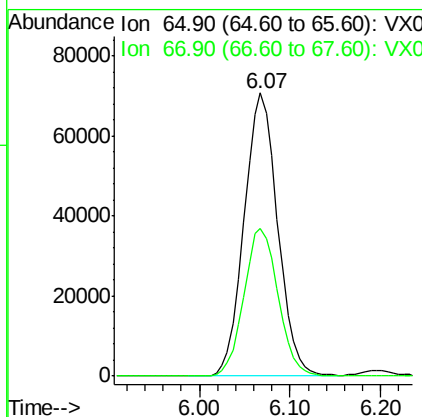
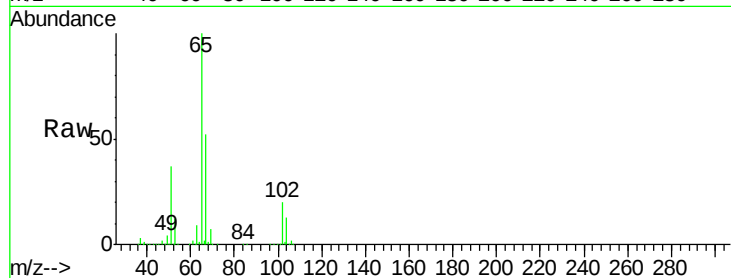
#33
 1,2-Dichloroethane-d4
 Concen: 50.524 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181461		
67	53.2	0.0	108.8	

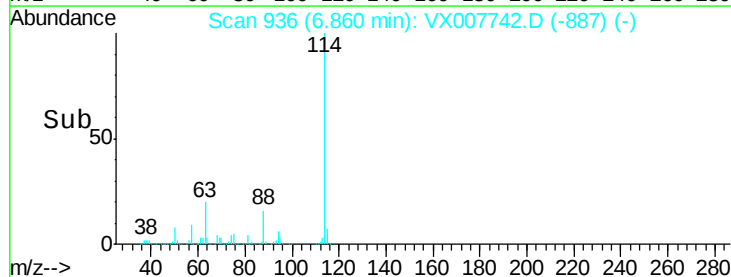
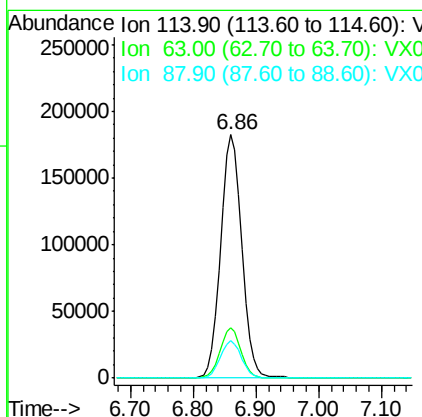
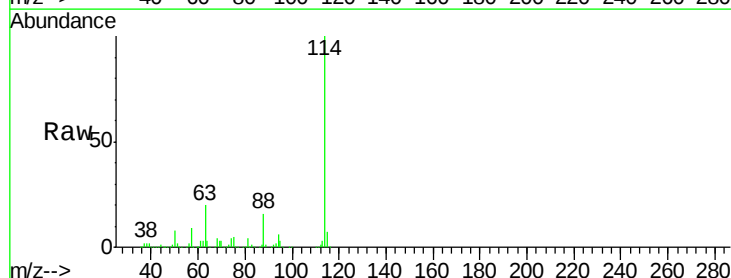
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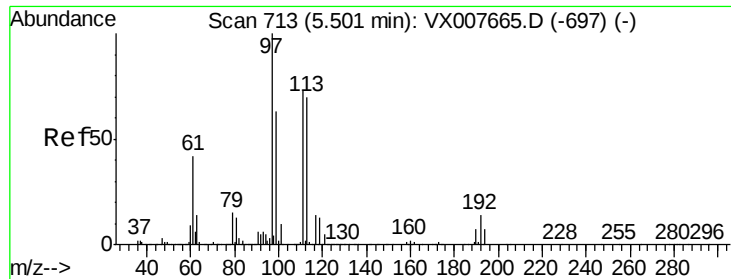
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	426677		
63	20.5	0.0	35.6	
88	15.6	0.0	29.6	





#35

Dibromofluoromethane

Concen: 51.553 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

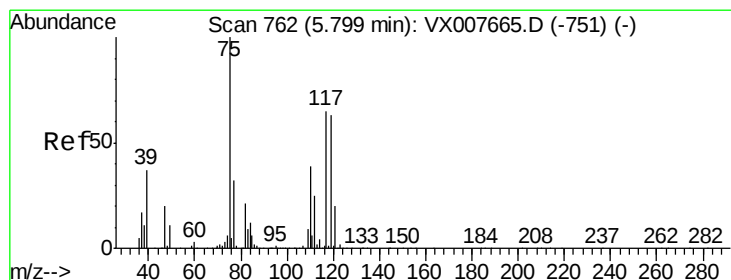
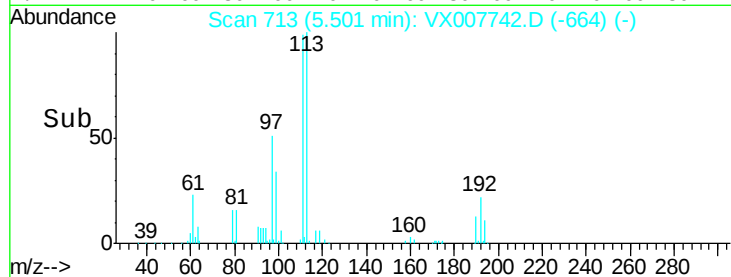
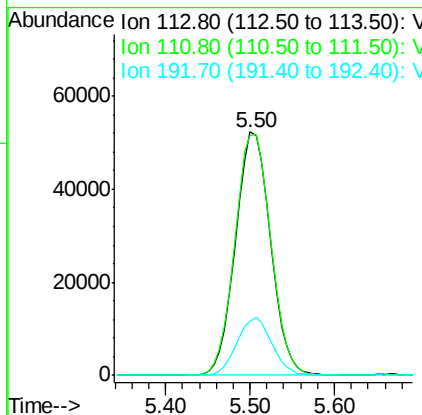
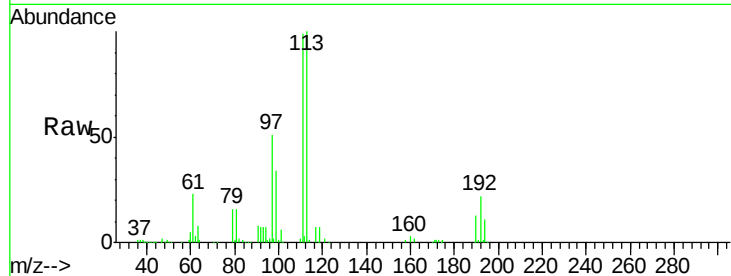
ClientSampleId :

VX0227MBSD01

Tot Ion:	113	Resp:	147041
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.8	122.8
192	23.8	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.368 ug/l

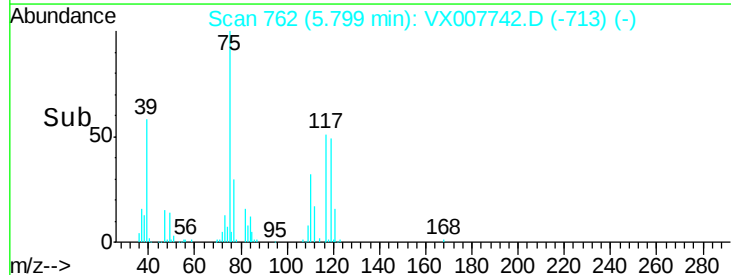
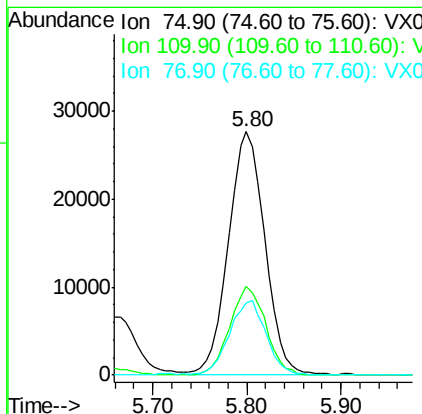
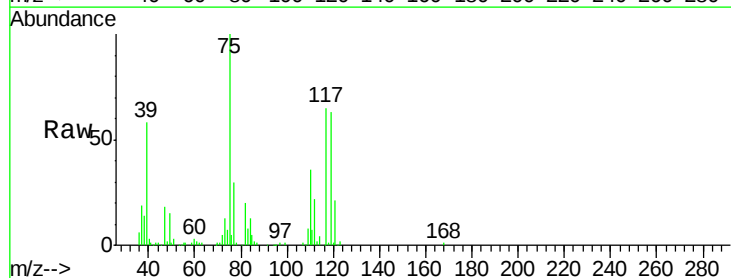
RT: 5.80 min Scan# 762

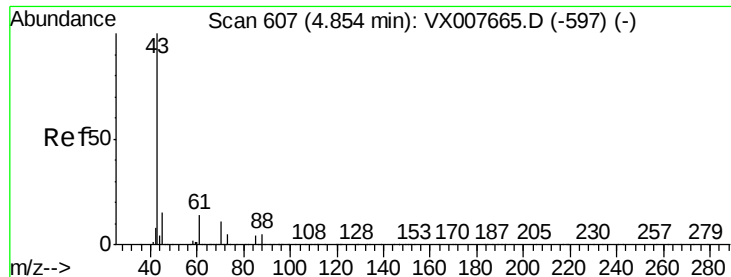
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	75	Resp:	74297
Ion Ratio	Lower	Upper	
75	100		
110	36.3	20.0	59.9
77	31.0	24.7	37.1





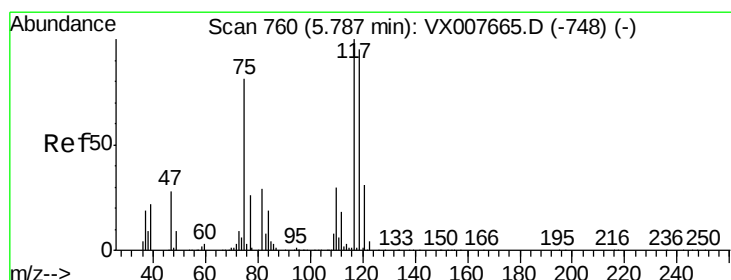
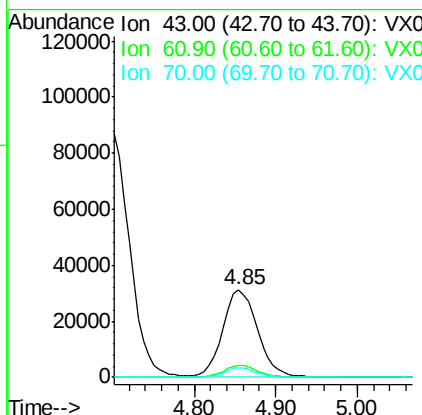
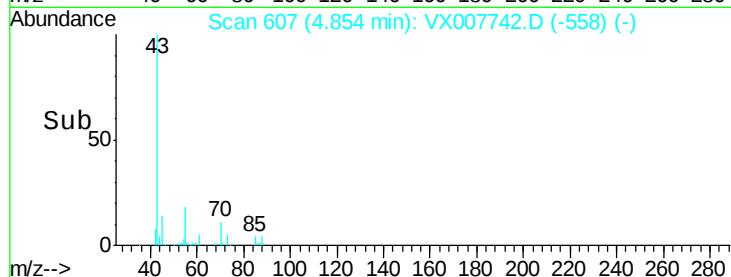
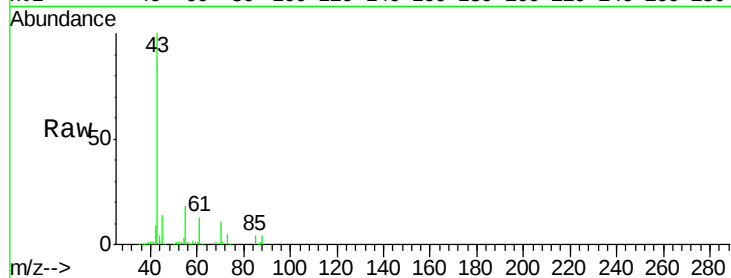
#37
Ethyl Acetate
Concen: 21.492 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBSD01

Tot Ion:	43	Resp:	91579
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	10.9	8.6	13.0

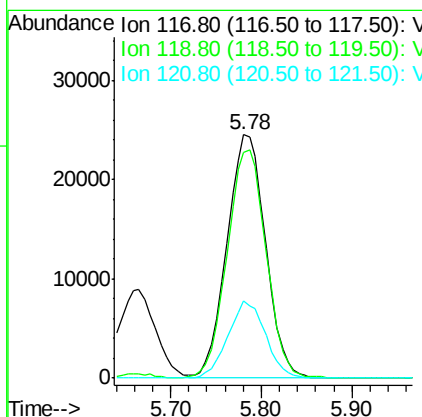
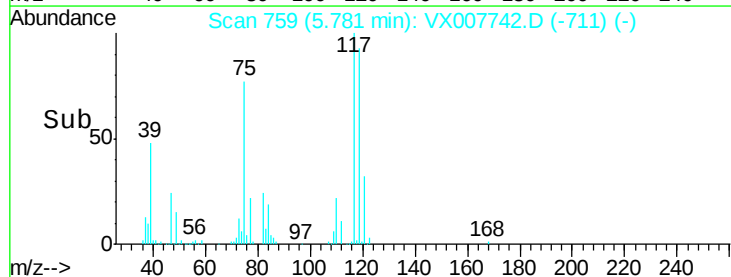
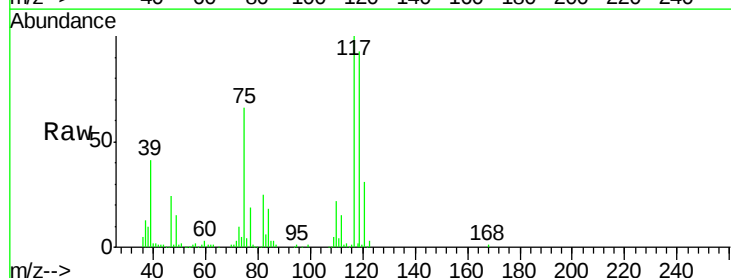
Manual Integrations
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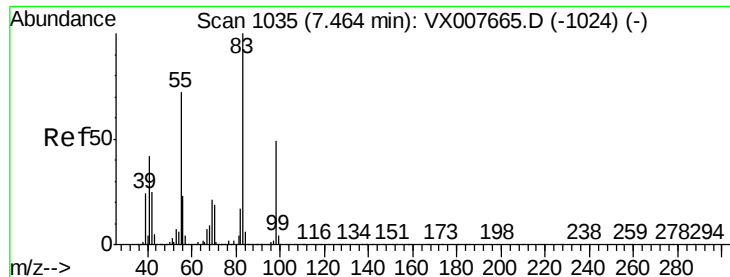
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#38
Carbon Tetrachloride
Concen: 18.792 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion:	117	Resp:	72409
Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.3	112.9
121	31.5	25.0	37.4





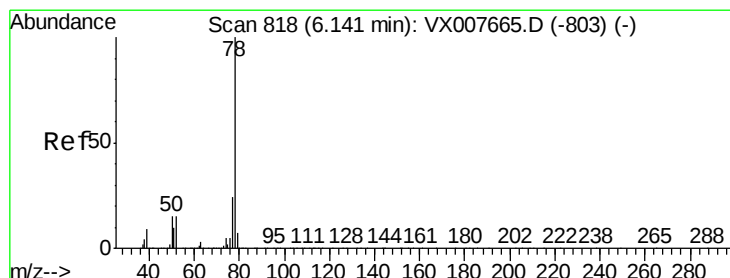
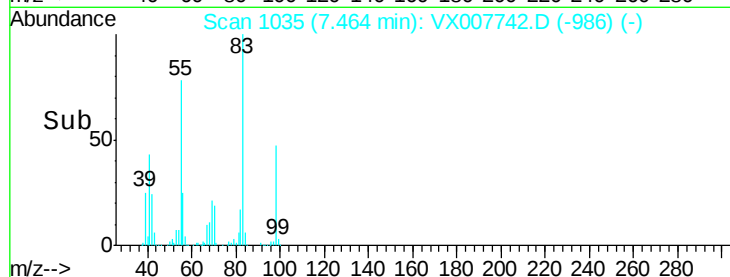
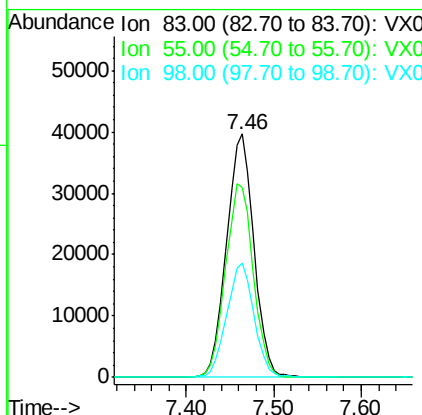
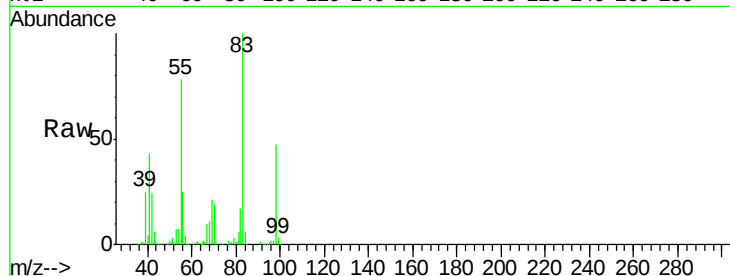
#39
Methvlcvclohexane
Concen: 17.830 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	56.2	84.2
98	46.8	36.8	55.2

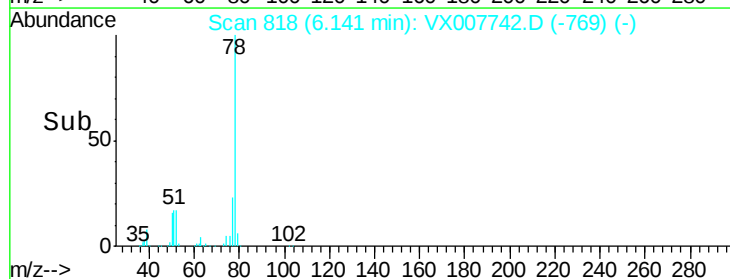
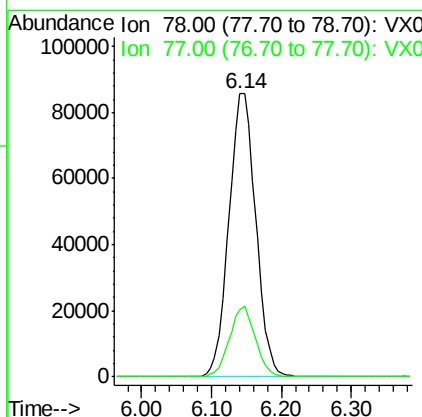
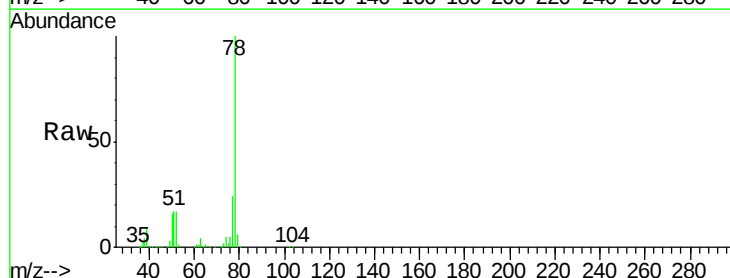
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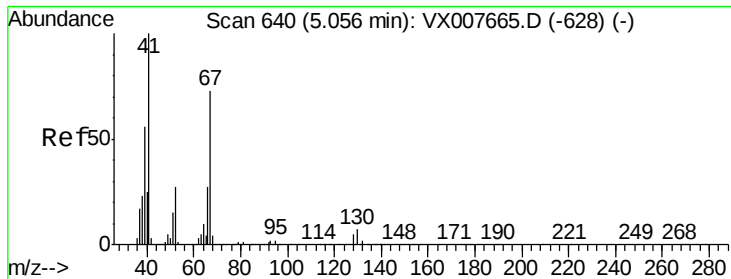
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#40
Benzene
Concen: 19.372 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





#41

Methacrylonitrile

Concen: 22.991 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

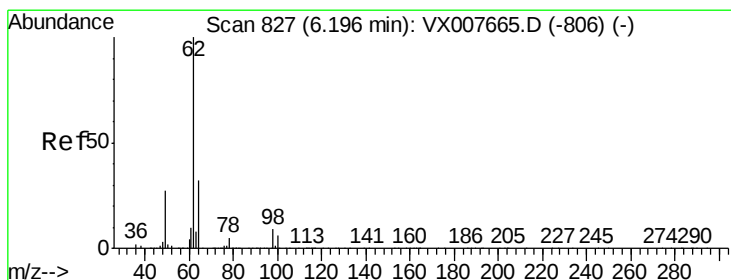
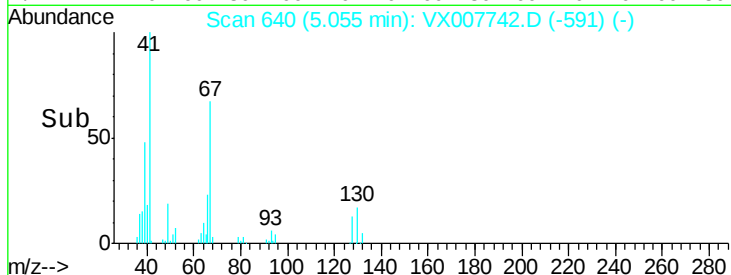
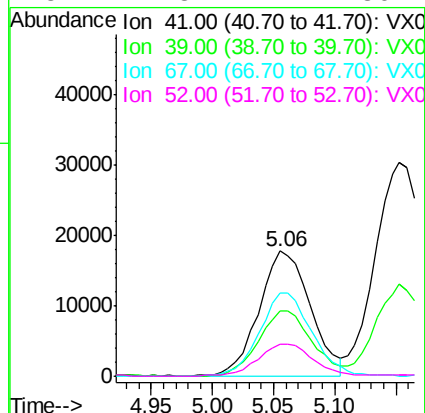
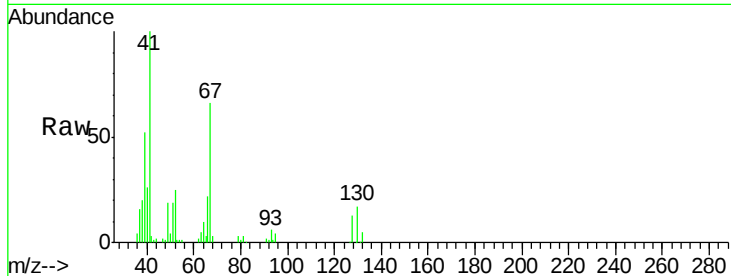
ClientSampleId :

VX0227MBS01

Tot Ion:	41	Resp:	52313
Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.5	66.7
67	67.3	60.4	90.6
52	27.8	24.1	36.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.977 ug/l

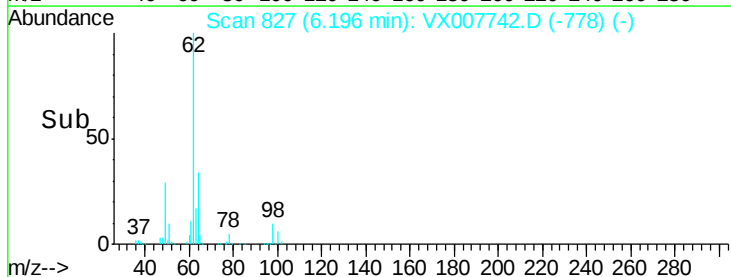
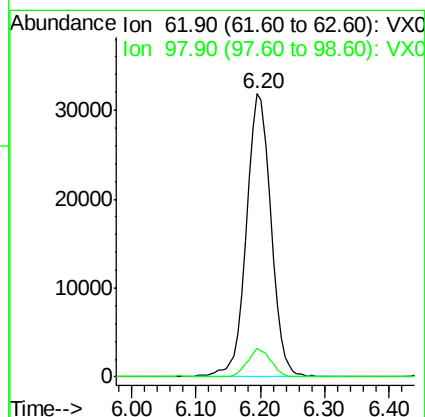
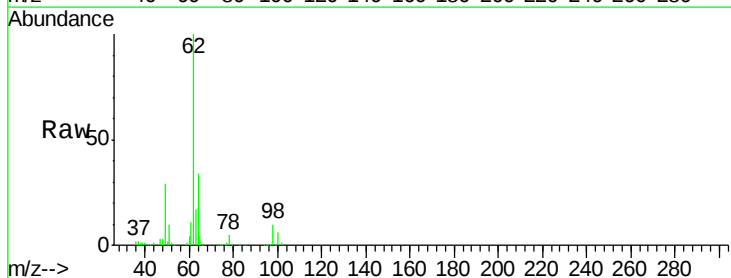
RT: 6.20 min Scan# 827

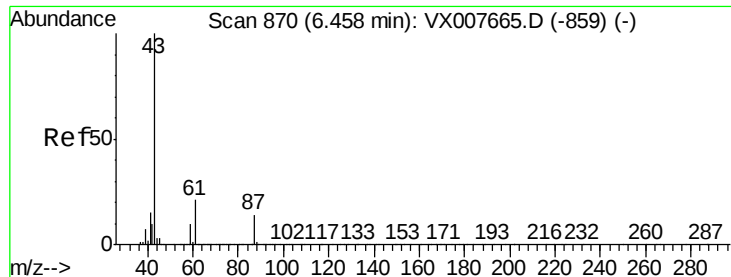
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	62	Resp:	83487
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 21.256 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

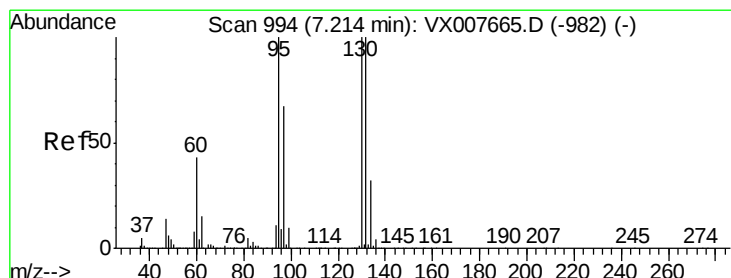
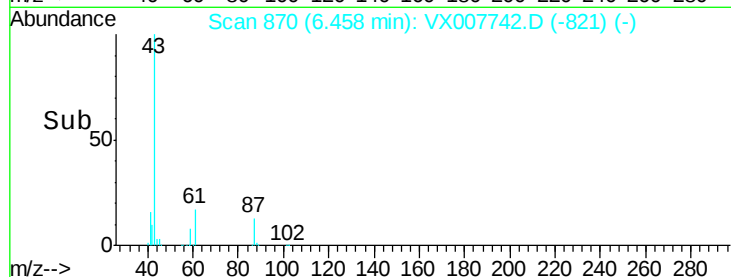
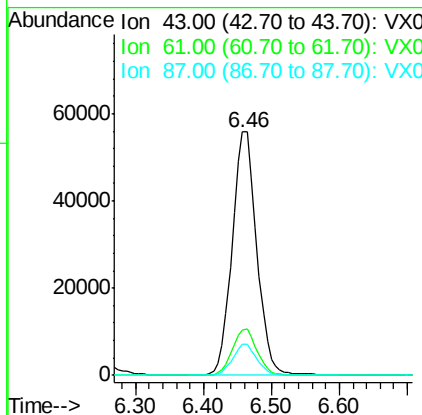
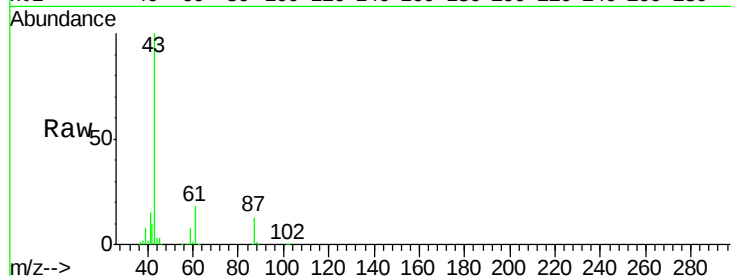
ClientSampled :

VX0227MBSD01

Tot Ion:	43	Resp:	139398
Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.1	24.1
87	12.7	11.5	17.3

Manual Integrations
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#44

Trichloroethene

Concen: 19.255 ug/l

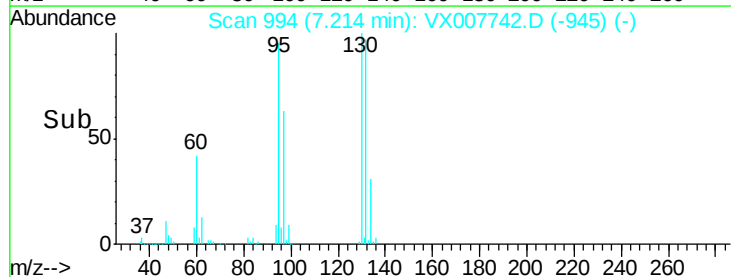
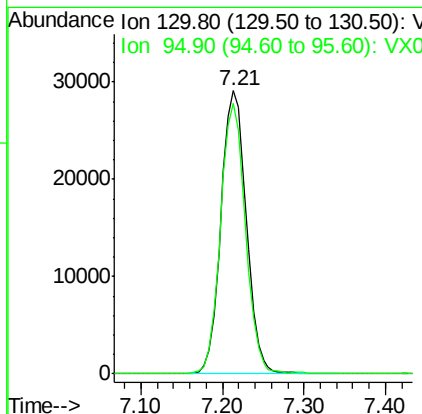
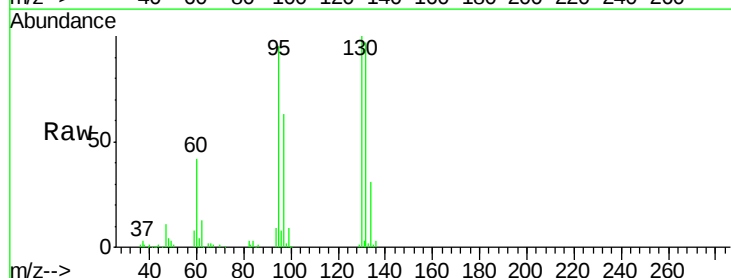
RT: 7.21 min Scan# 994

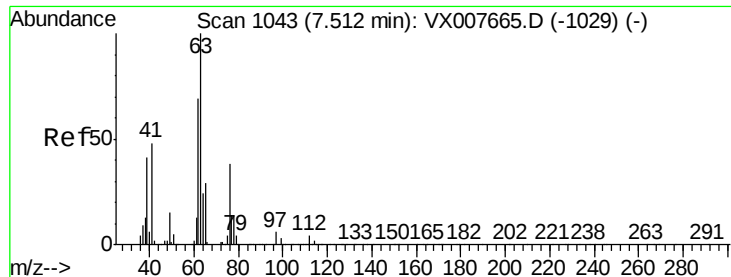
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	130	Resp:	62722
Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 20.077 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBSD01

Tot Ion: 63 Resp: 61585

Ion Ratio Lower Upper

63 100

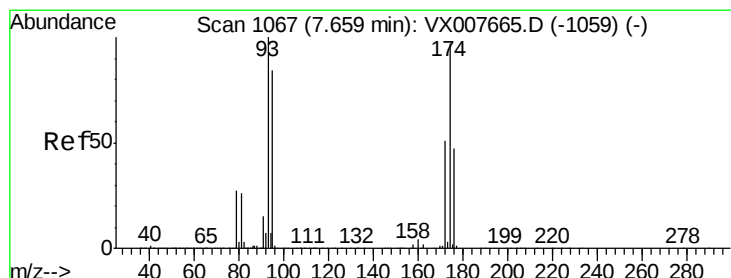
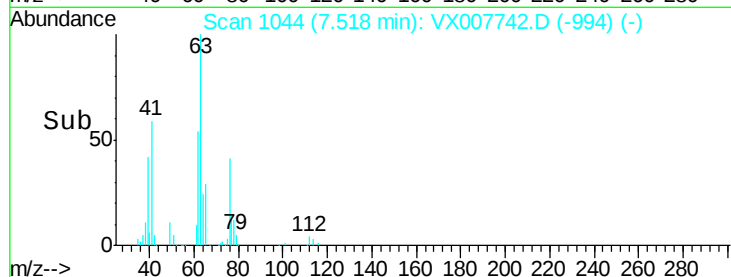
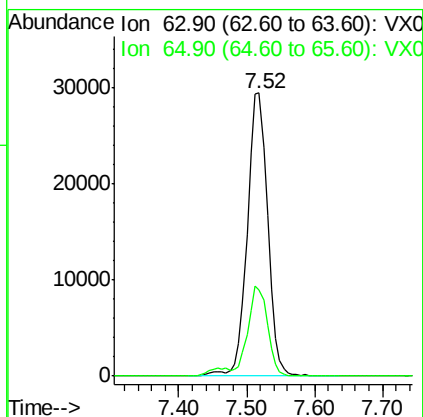
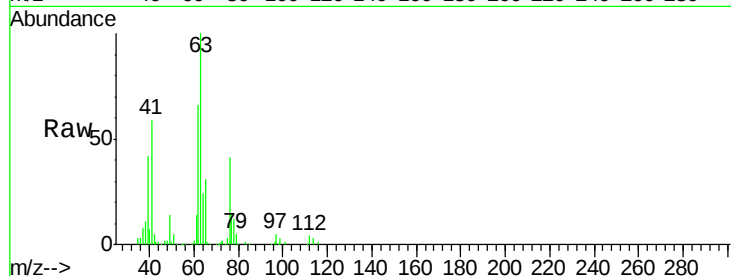
65 30.6 24.2 36.2

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#46

Dibromomethane

Concen: 18.265 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

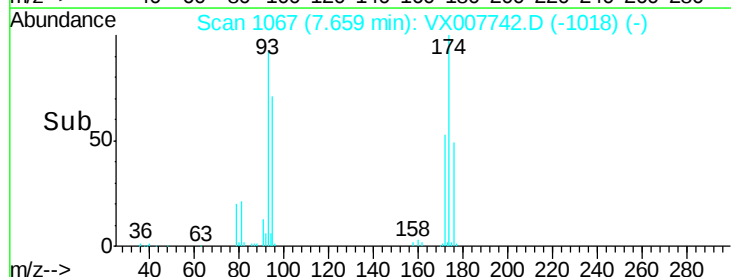
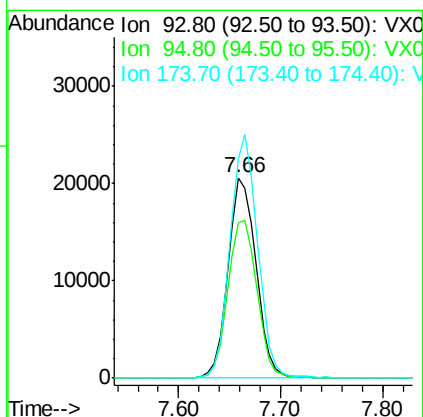
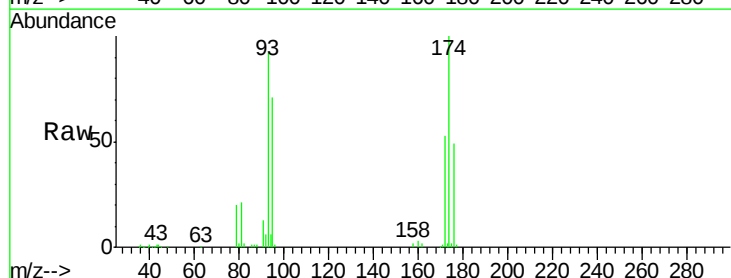
Tgt Ion: 93 Resp: 39086

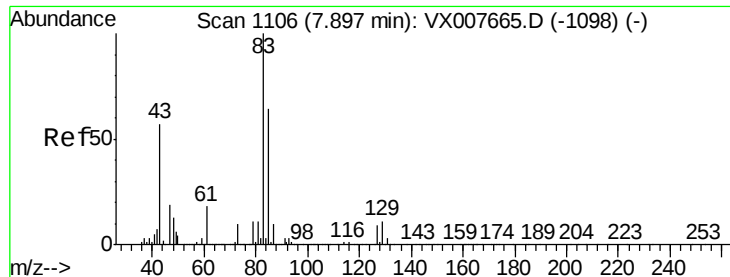
Ion Ratio Lower Upper

93 100

95 81.9 67.6 101.4

174 119.3 94.2 141.4





#47

Bromodichloromethane

Concen: 18.928 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

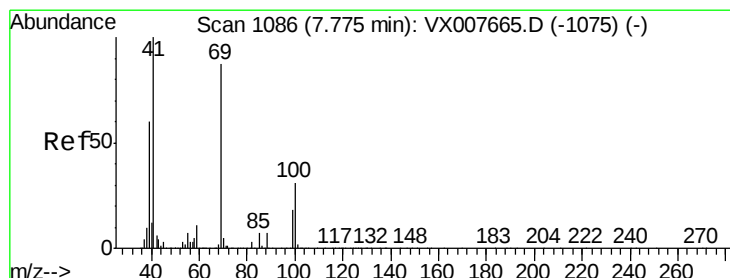
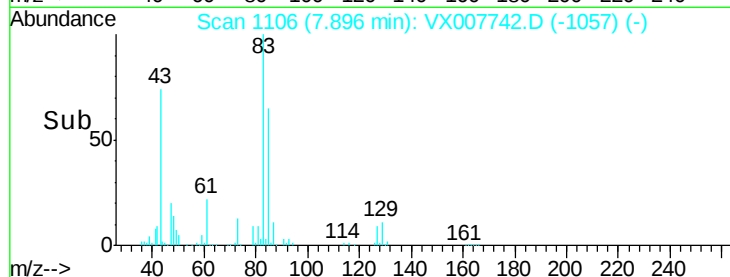
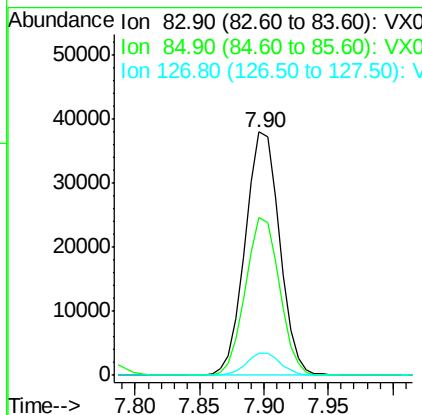
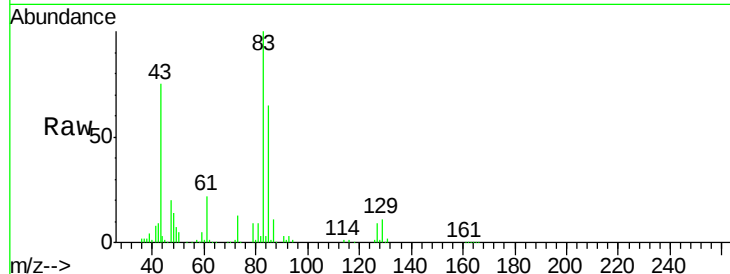
ClientSampleId :

VX0227MBSD01

Tot Ion:	83	Resp:	70193
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.4	77.0
127	8.9	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.562 ug/l

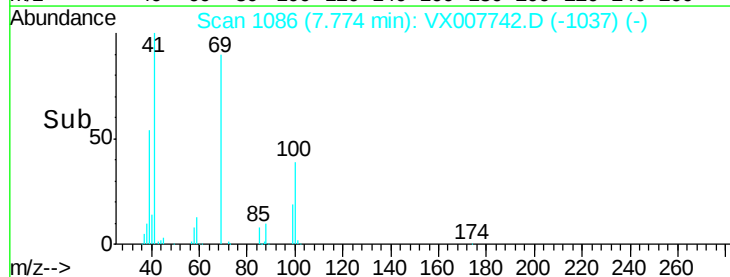
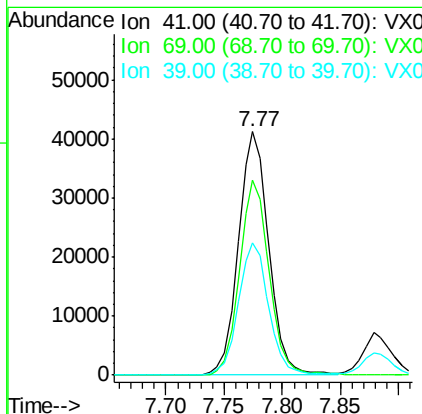
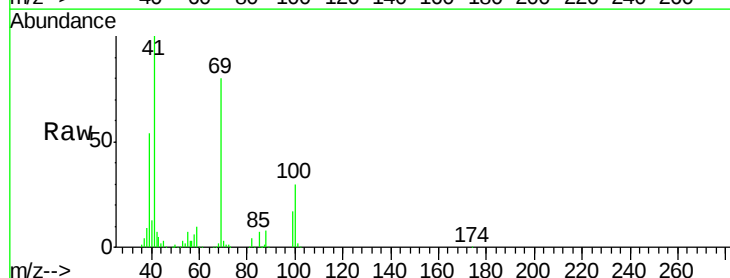
RT: 7.77 min Scan# 1086

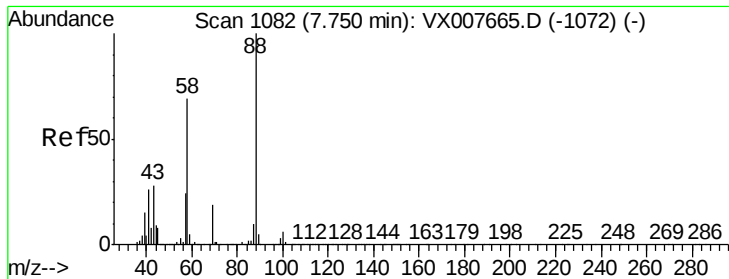
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	41	Resp:	74124
Ion Ratio	Lower	Upper	
41	100		
69	79.6	70.2	105.4
39	54.4	47.4	71.0





#49

1,4-Dioxane

Concen: 391.621 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

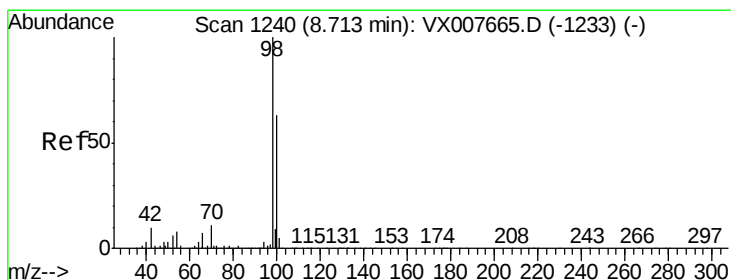
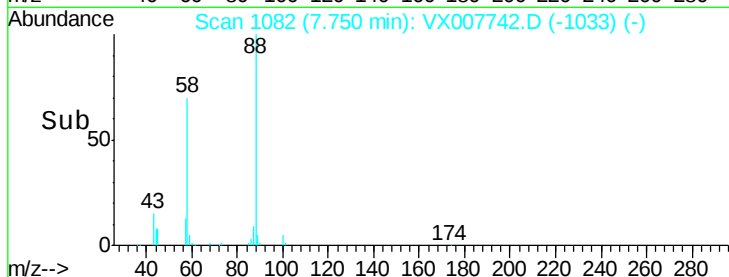
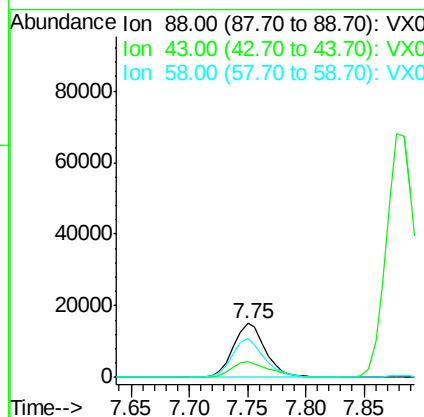
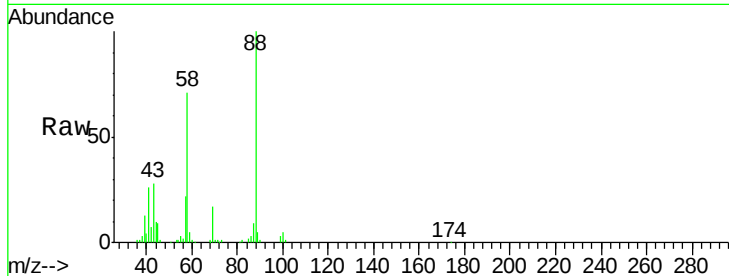
ClientSampleId :

VX0227MBSD01

Tot Ion:	88	Resp:	29077
Ion	Ratio	Lower	Upper
88	100		
43	33.7	24.2	36.4
58	73.0	53.0	79.4

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#50

Toluene-d8

Concen: 50.776 ug/l

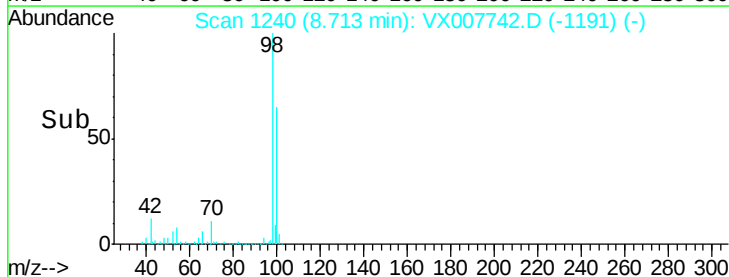
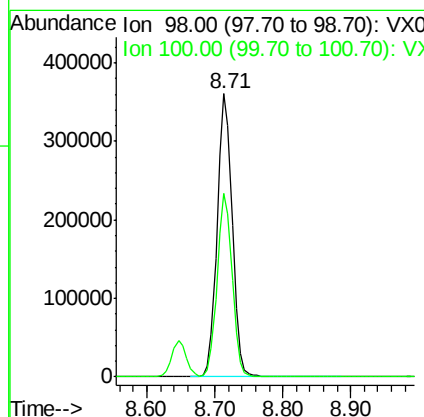
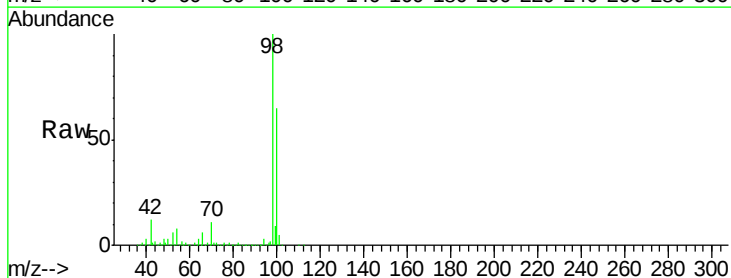
RT: 8.71 min Scan# 1240

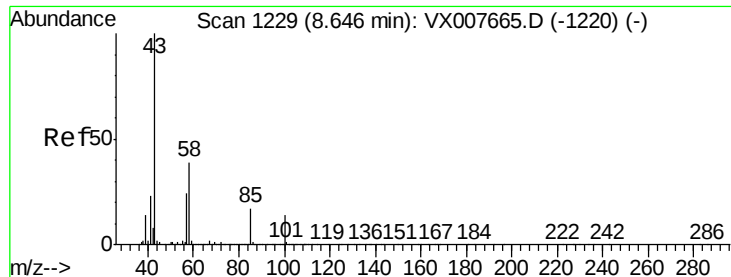
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	98	Resp:	554443
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 107.253 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

VX0227MBSD01

Tot Ion: 43 Resp: 470825

Ion Ratio Lower Upper

43 100

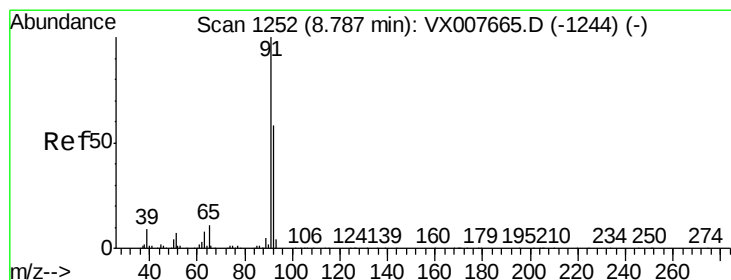
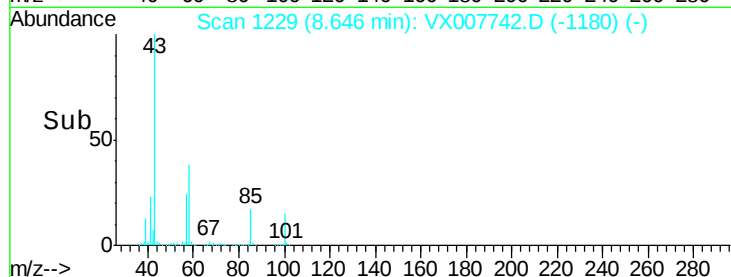
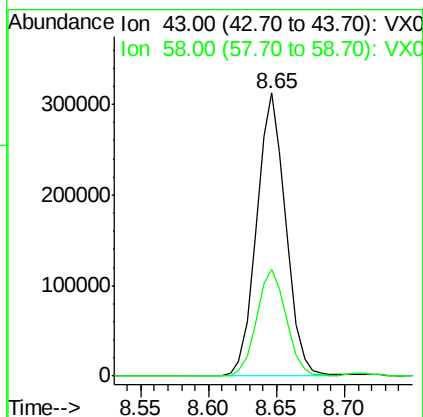
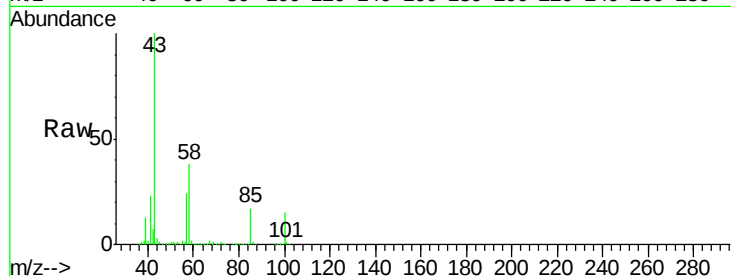
58 38.4 31.2 46.8

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#52

Toluene

Concen: 19.057 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007742.D

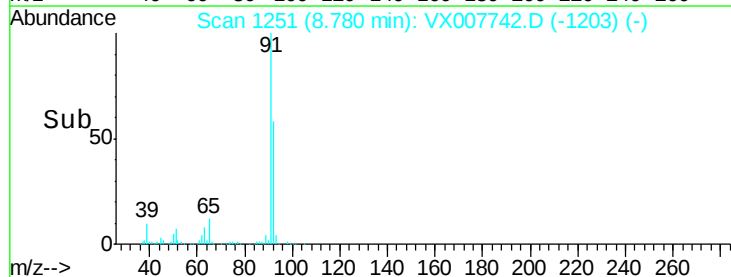
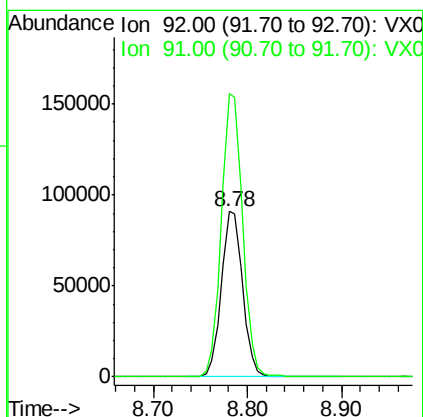
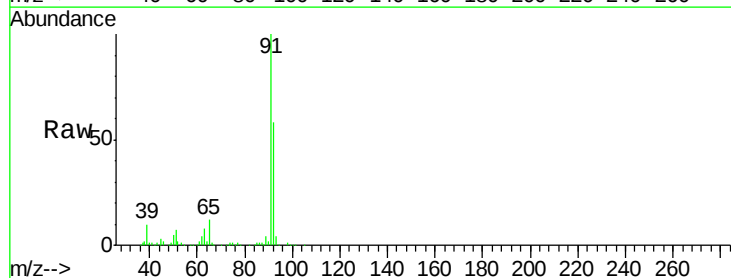
Acq: 27 Feb 2019 18:58

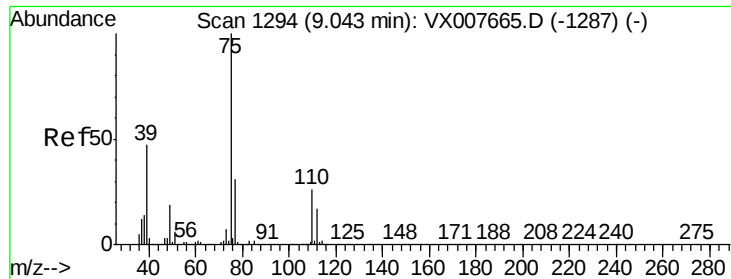
Tgt Ion: 92 Resp: 142298

Ion Ratio Lower Upper

92 100

91 171.7 139.1 208.7





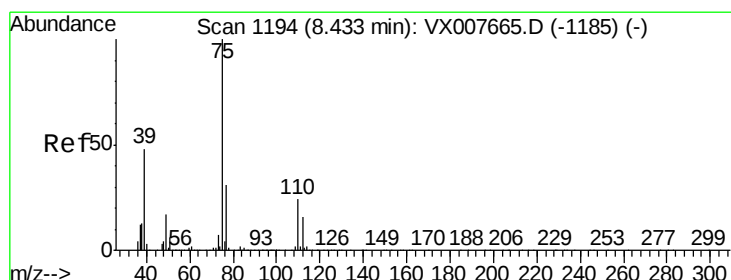
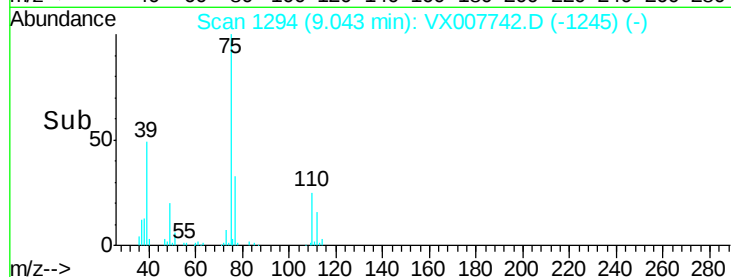
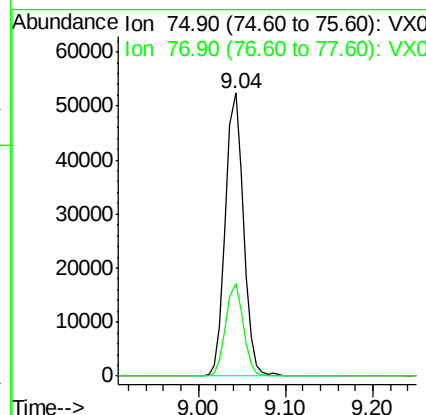
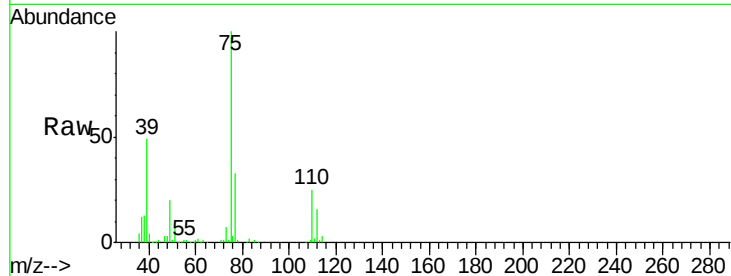
#53
t-1,3-Dichloropropene
Concen: 18.160 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.2	37.8

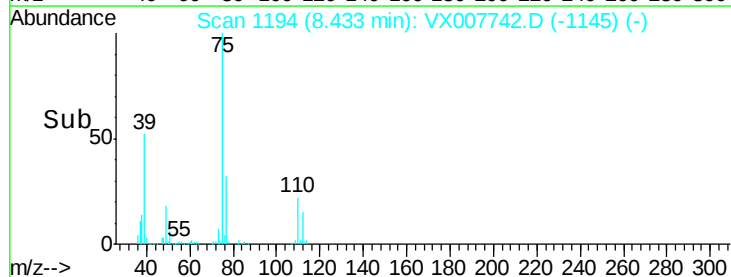
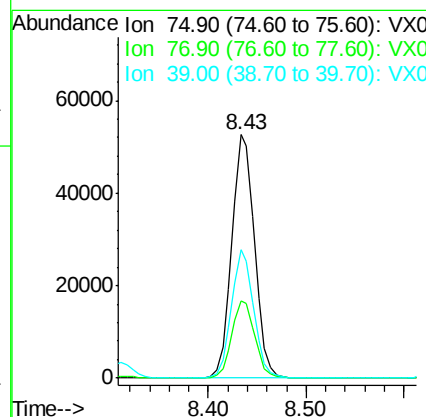
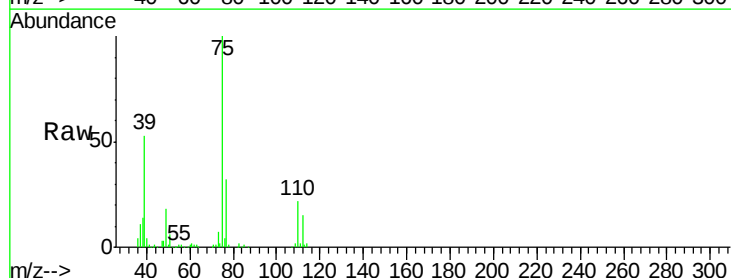
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 18.838 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.2	39.4
39	52.4	37.1	55.7





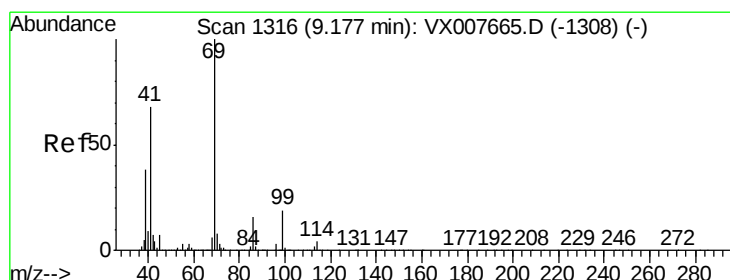
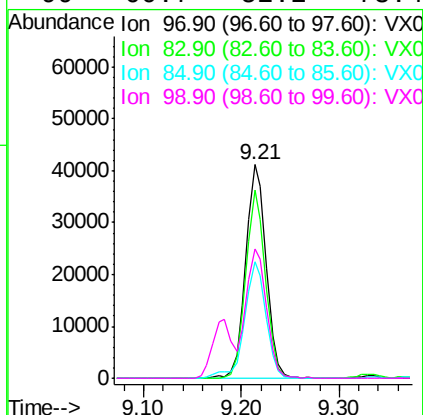
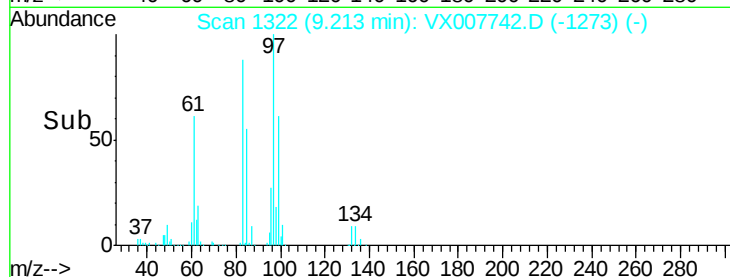
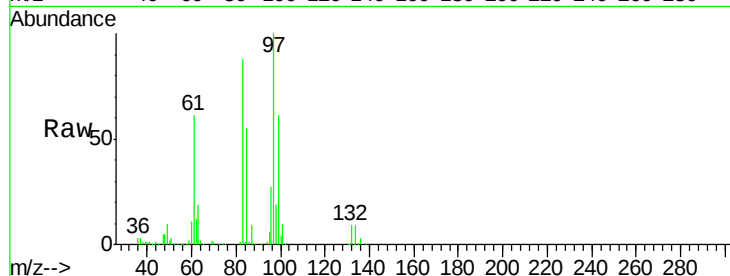
#55
1,1,2-Trichloroethane
Concen: 19.214 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion:	97	Resp:	59828
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.6	102.8
85	54.7	44.5	66.7
99	60.7	52.2	78.4

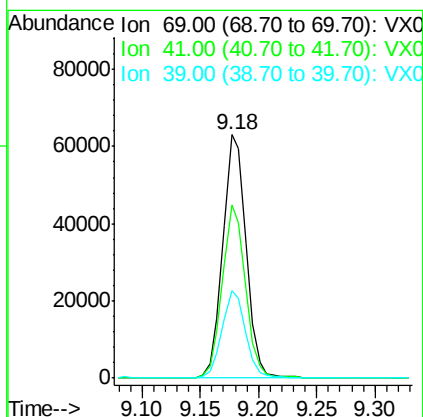
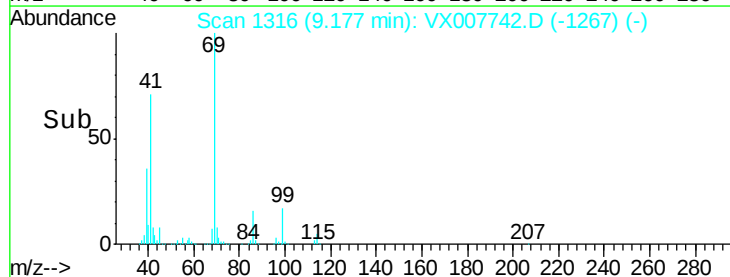
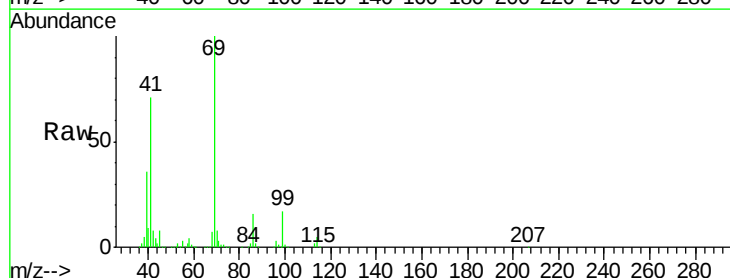
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#56
Ethyl methacrylate
Concen: 19.769 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion:	69	Resp:	87537
Ion	Ratio	Lower	Upper
69	100		
41	69.8	52.1	78.1
39	35.6	30.1	45.1





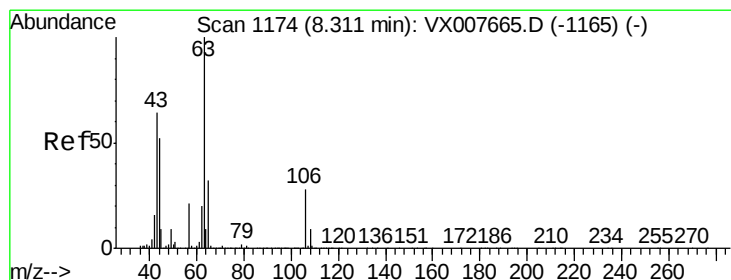
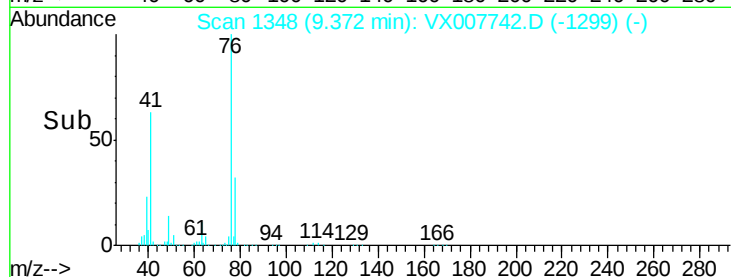
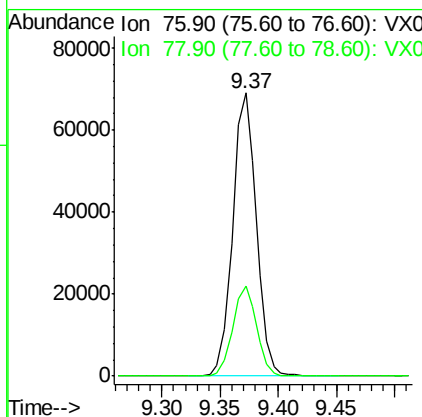
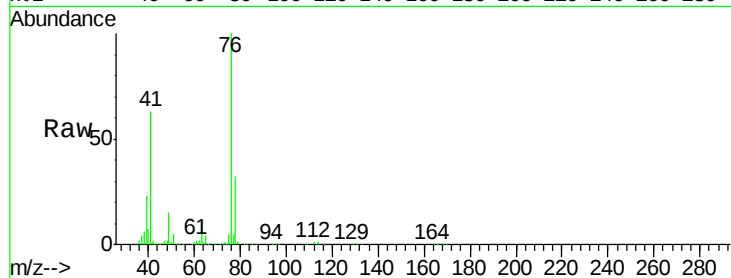
#57
 1,3-Dichloropropane
 Concen: 19.616 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

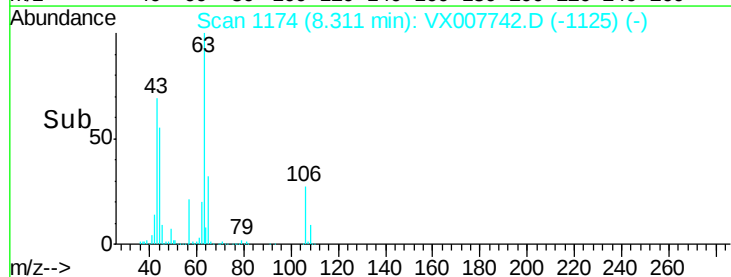
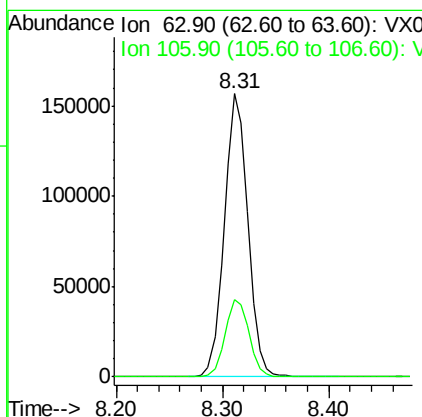
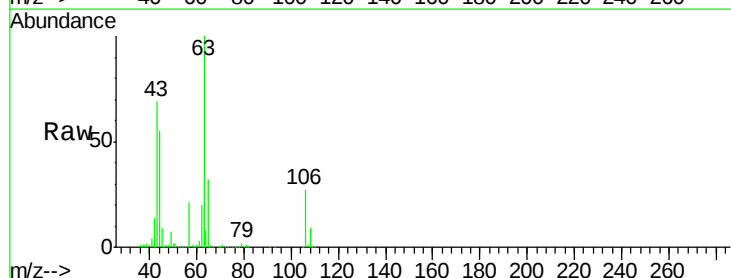
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.275 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	23.6	35.4





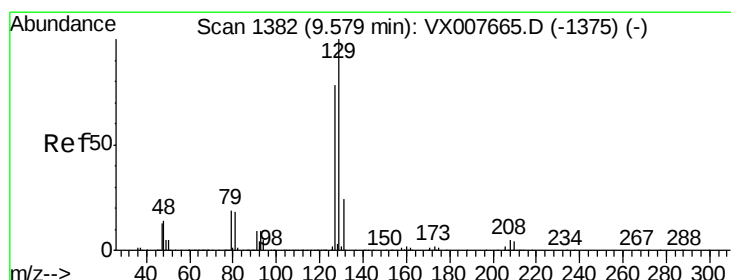
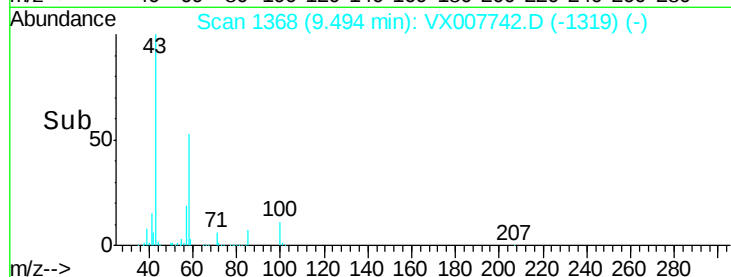
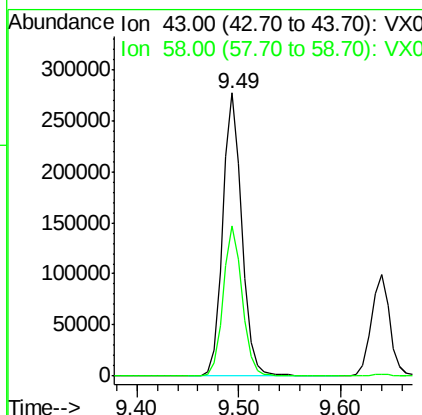
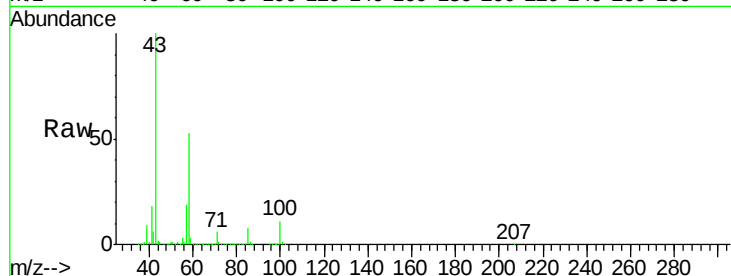
#59
2-Hexanone
Concen: 104.568 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBSD01

Tot Ion: 43 Resp: 360389
Ion Ratio Lower Upper
43 100
58 52.9 27.1 81.3

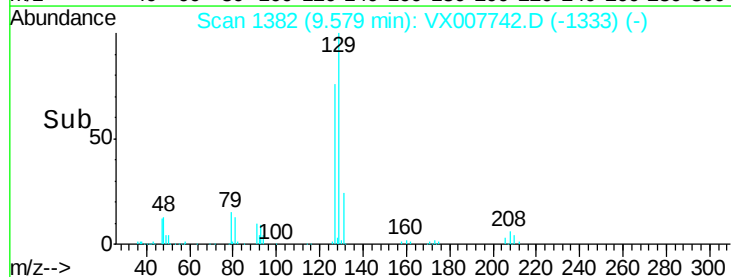
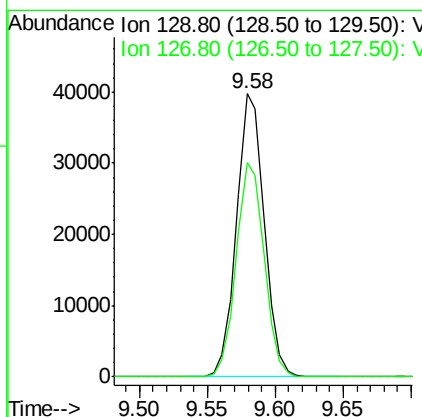
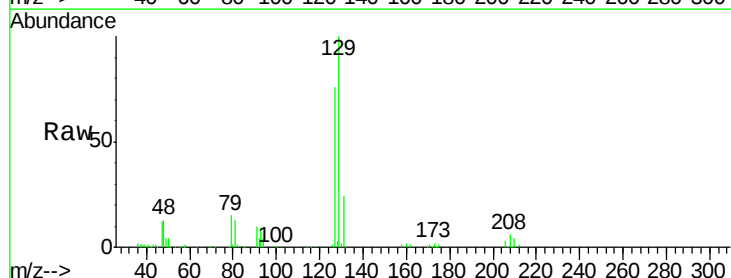
Manual Integrations
APPROVED

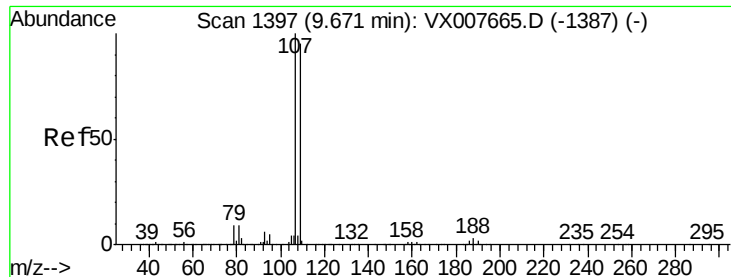
MMDadoda
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#60
Dibromochloromethane
Concen: 18.840 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion: 129 Resp: 56449
Ion Ratio Lower Upper
129 100
127 76.5 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.885 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion:107 Resp: 61052

Ion Ratio Lower Upper

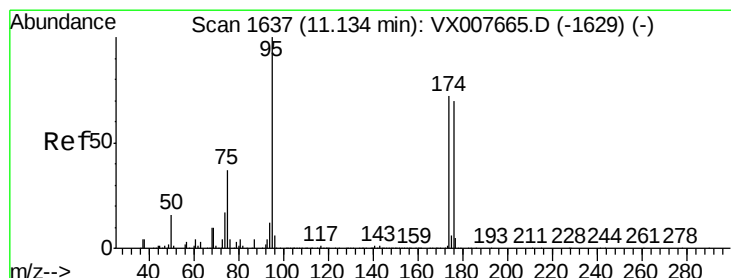
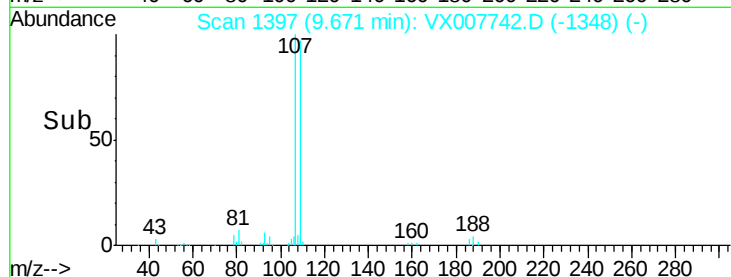
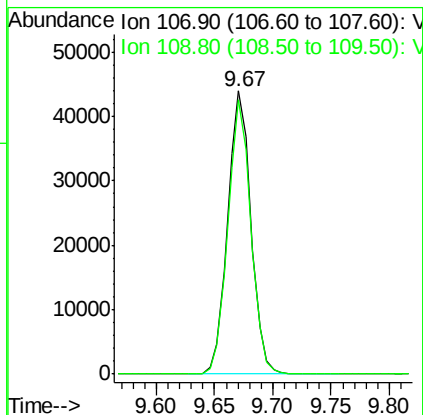
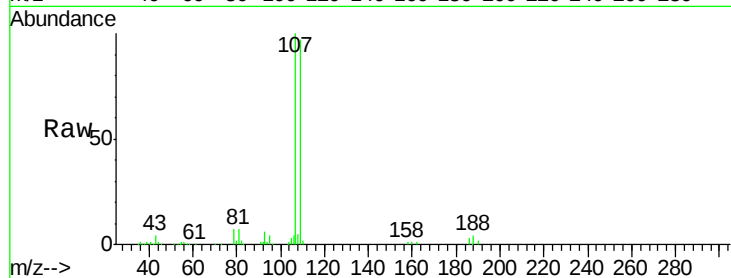
107 100

109 95.7 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 48.984 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

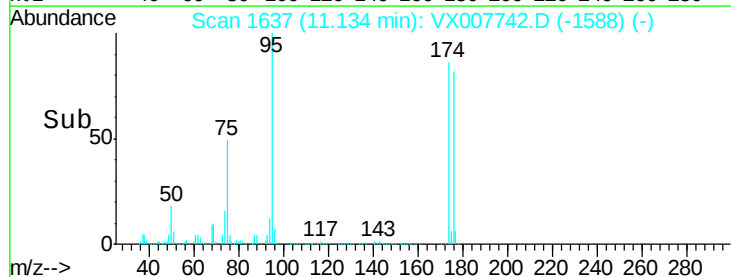
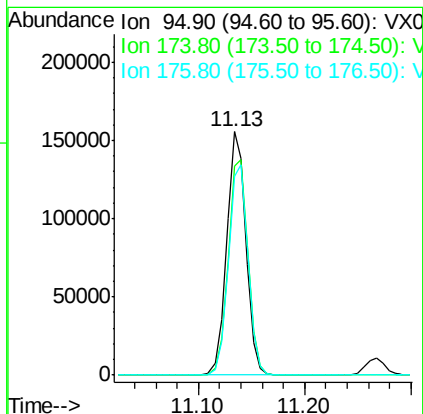
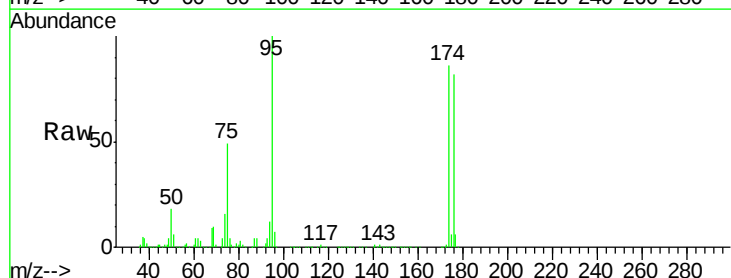
Tgt Ion: 95 Resp: 196316

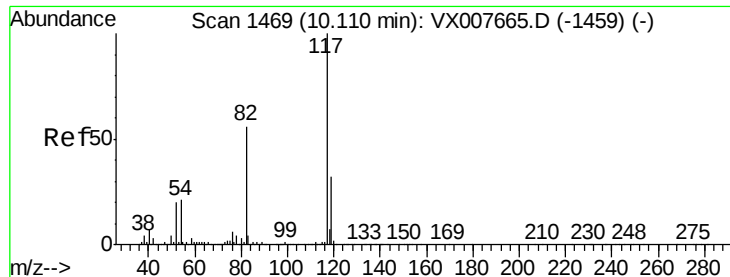
Ion Ratio Lower Upper

95 100

174 91.5 0.0 189.2

176 88.6 0.0 186.2





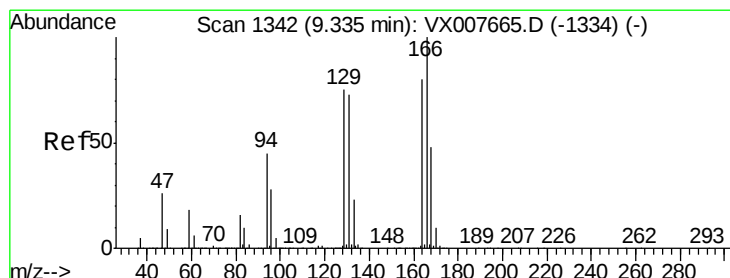
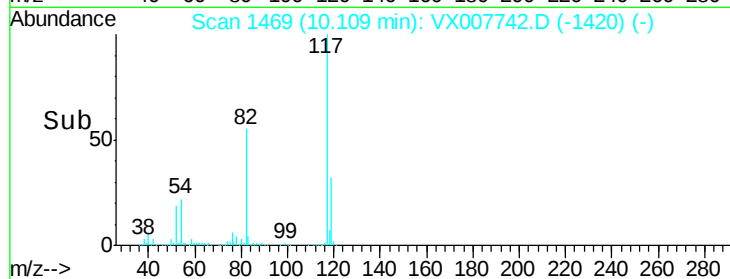
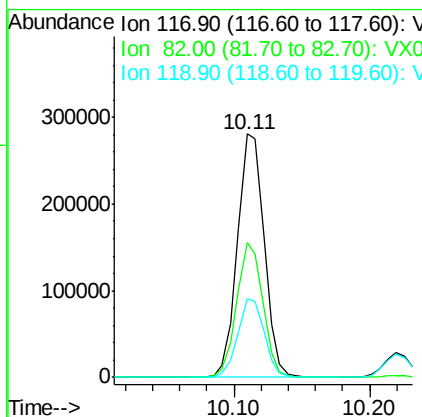
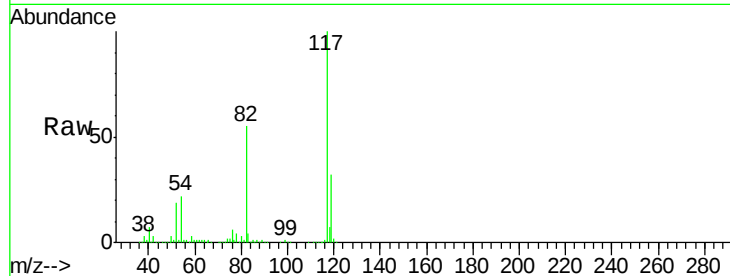
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.4	42.1	63.1
119	32.4	26.5	39.7

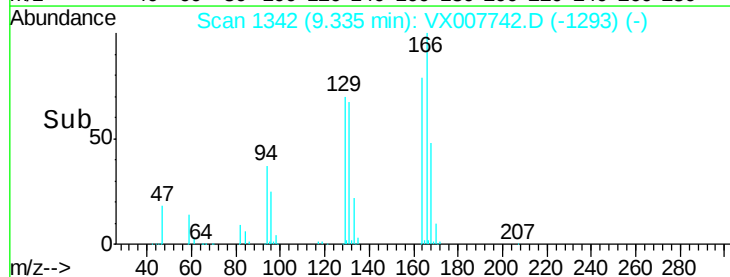
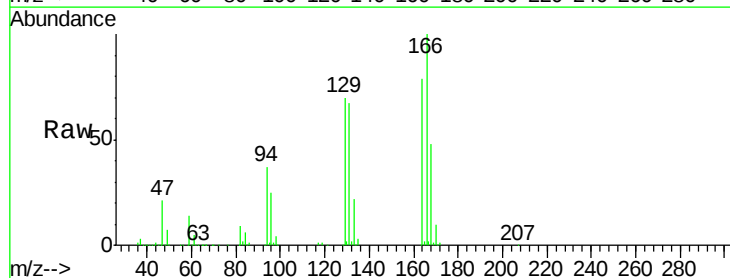
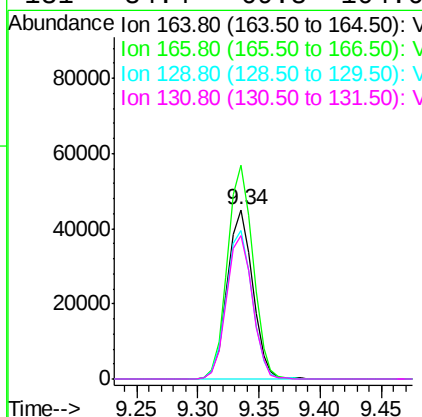
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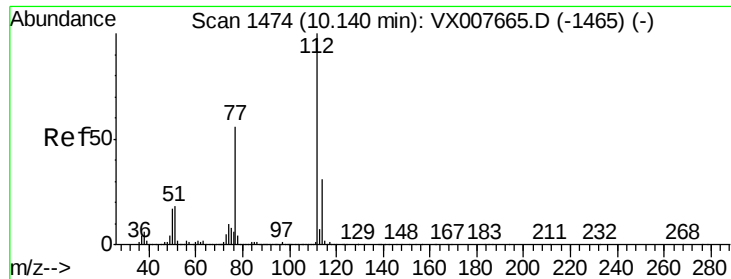
MMDadoda
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#64
Tetrachloroethene
Concen: 20.718 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	126.1	101.0	151.4
129	87.8	70.5	105.7
131	84.4	69.8	104.6





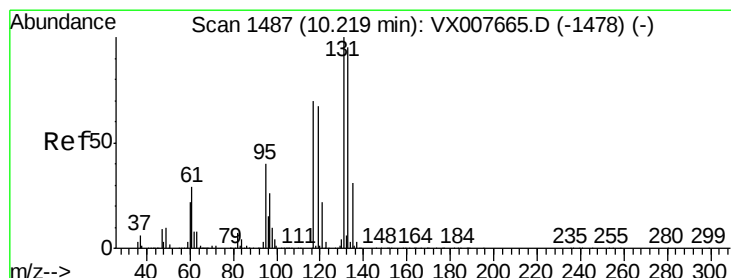
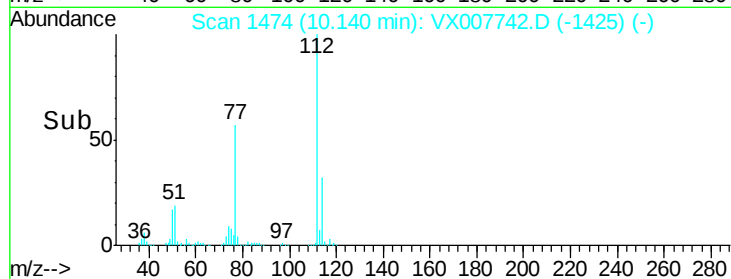
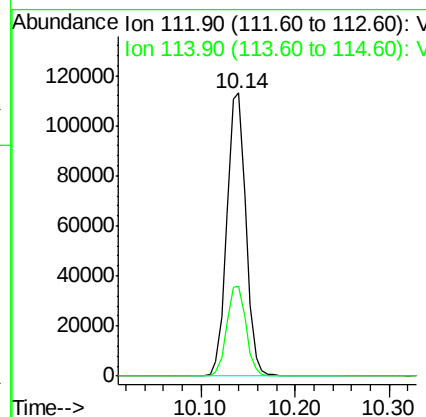
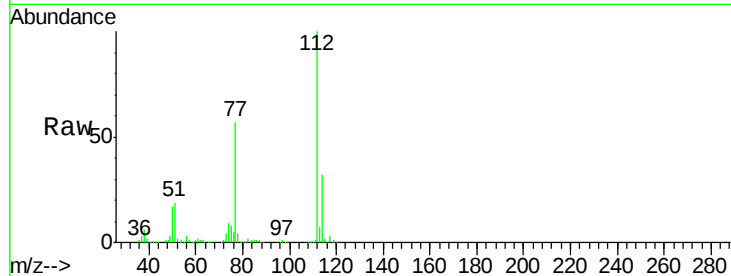
#65
Chlorobenzene
Concen: 18.950 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.8	38.6

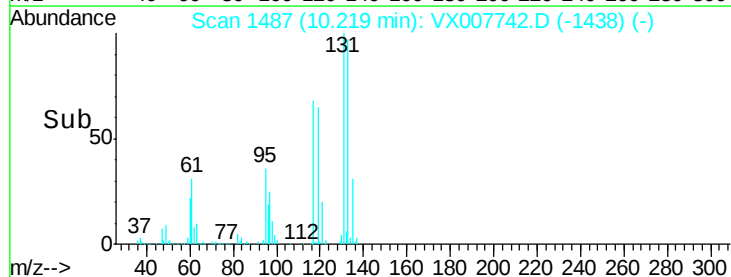
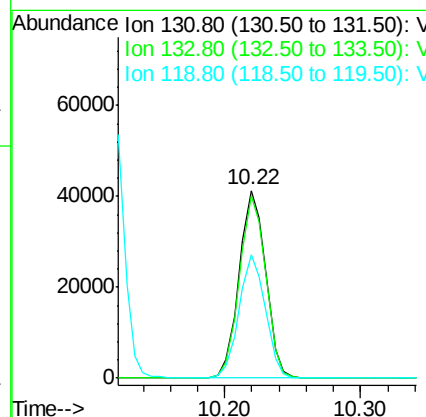
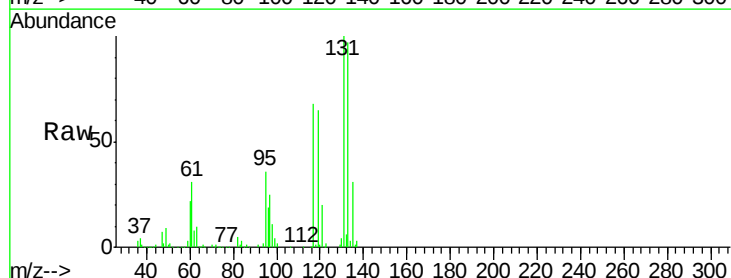
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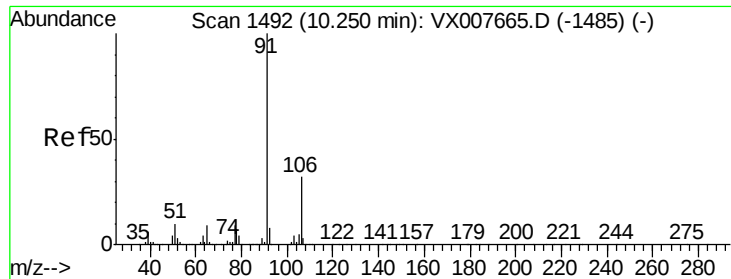
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.326 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

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





#67

Ethyl Benzene

Concen: 18.972 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

VX0227MBSD01

Tot Ion: 91 Resp: 261800

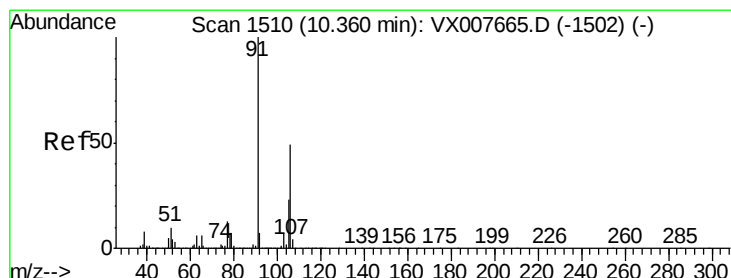
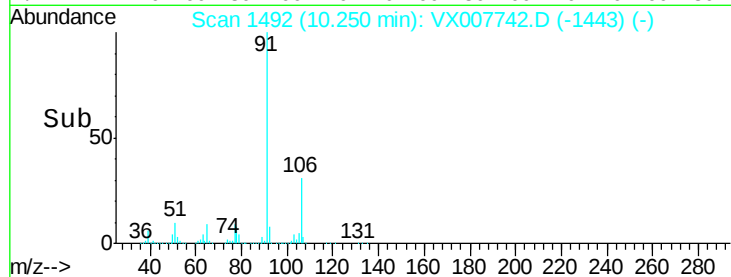
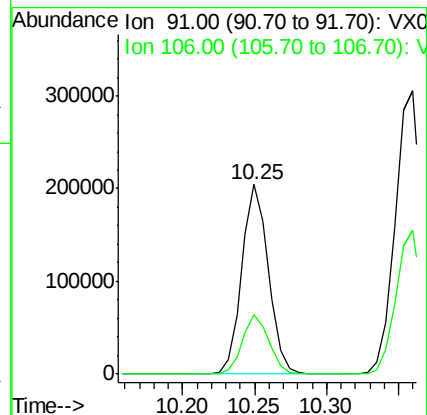
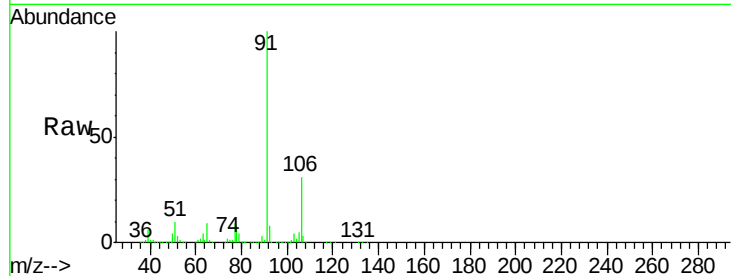
Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 37.472 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007742.D

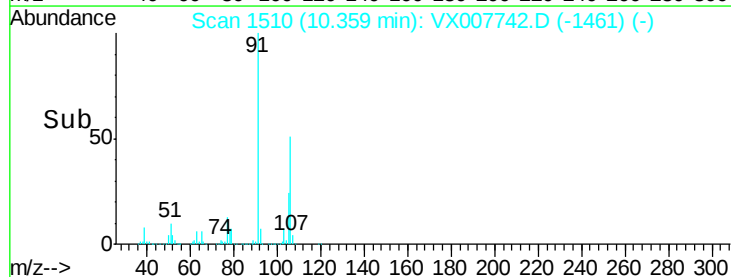
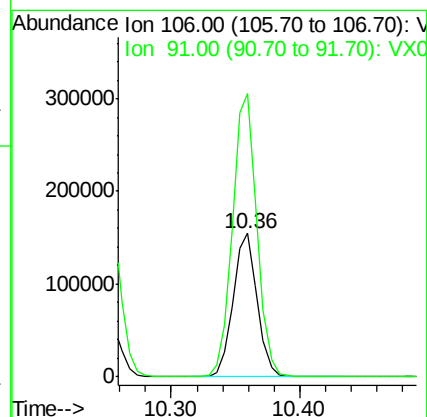
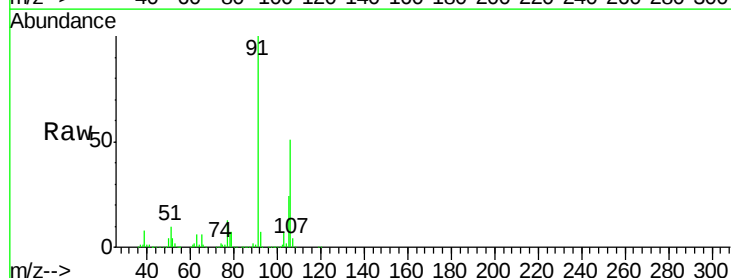
Acq: 27 Feb 2019 18:58

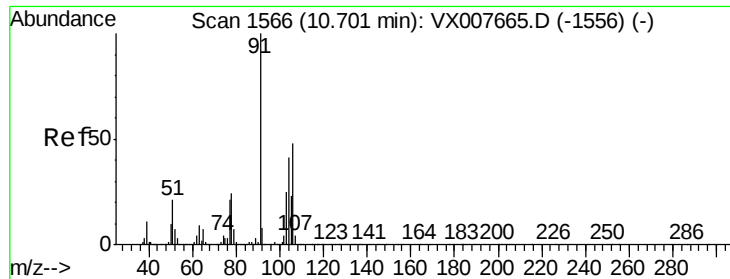
Tgt Ion: 106 Resp: 201159

Ion Ratio Lower Upper

106 100

91 201.2 156.6 234.8





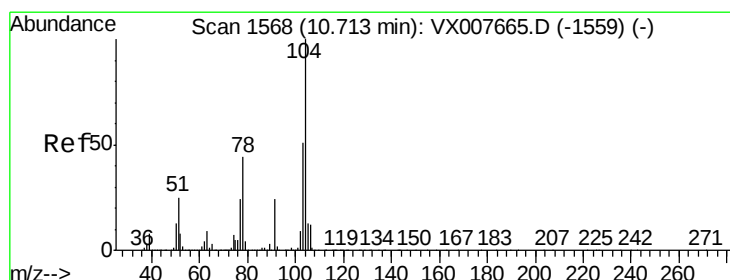
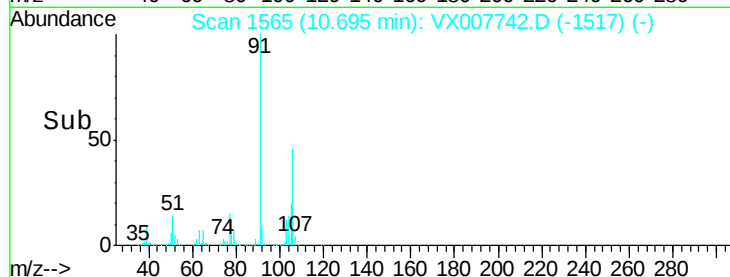
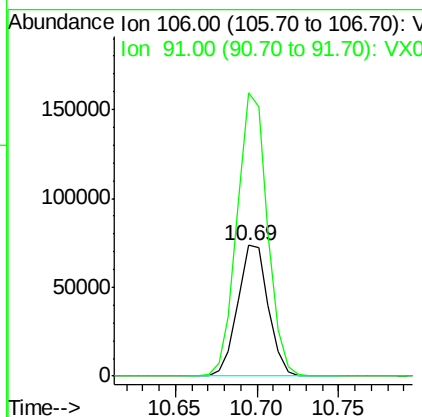
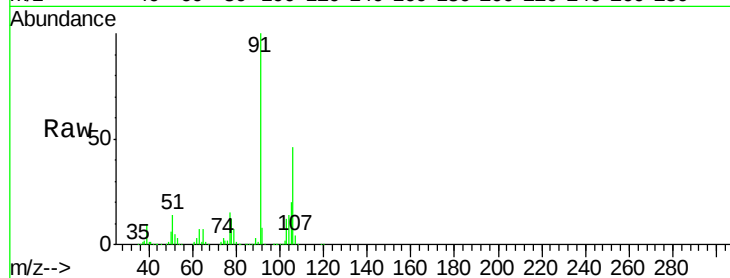
#69
o-Xylene
Concen: 18.675 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.2	102.9	308.7

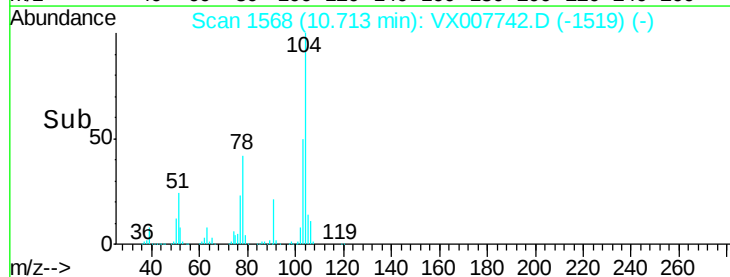
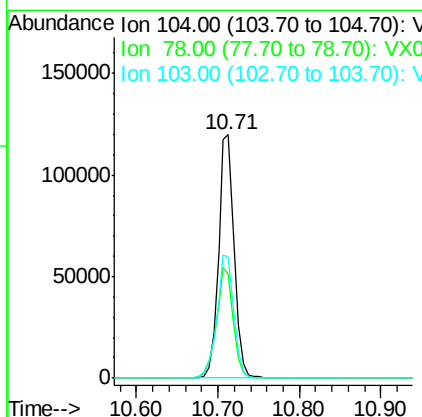
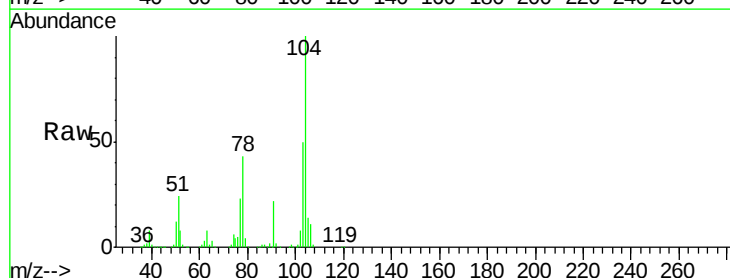
Manual Integrations
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#70
Styrene
Concen: 19.019 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.3	57.5
103	55.1	44.6	67.0





#71

Bromoform

Concen: 19.563 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

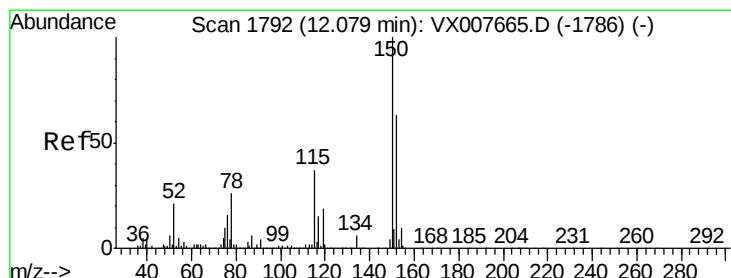
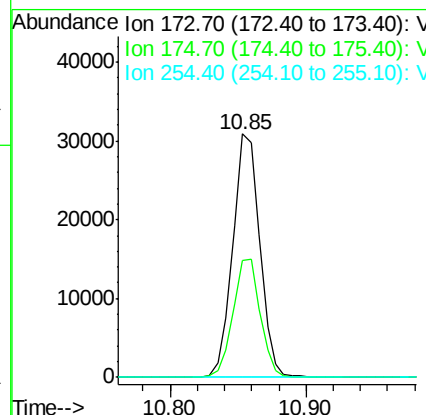
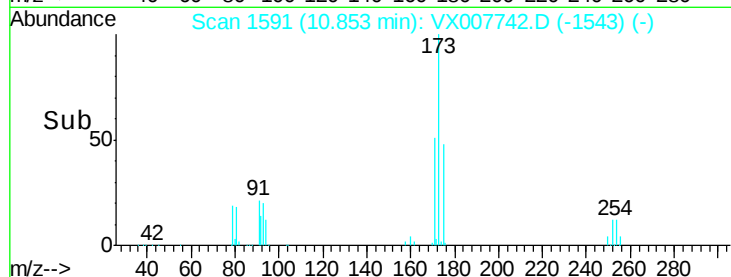
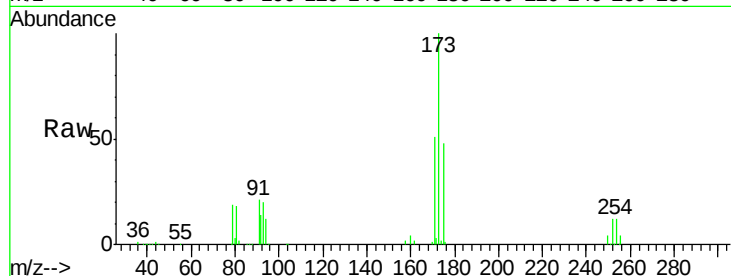
ClientSampleId :

VX0227MBSD01

Tot Ion:	173	Resp:	42627
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.2	72.6
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

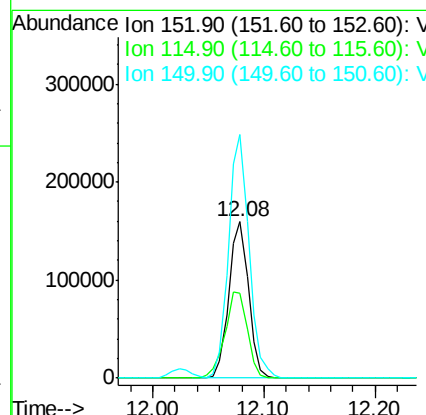
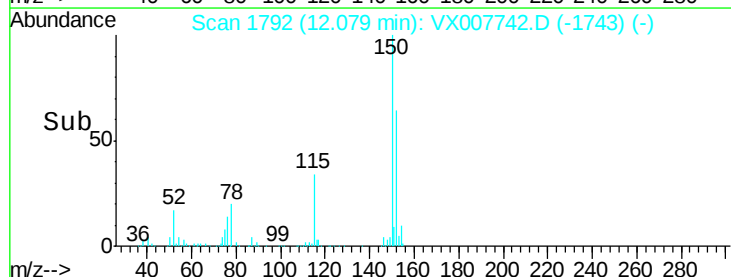
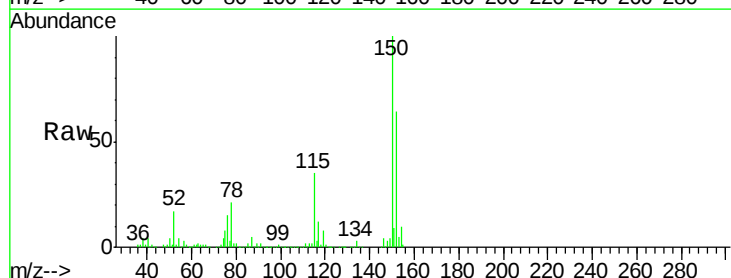
RT: 12.08 min Scan# 1792

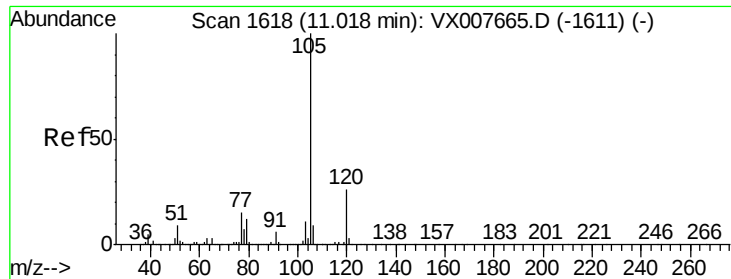
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	152	Resp:	193966
Ion Ratio	Lower	Upper	
152	100		
115	63.7	38.0	114.0
150	162.7	0.0	346.4





#73

Isopropylbenzene

Concen: 18.756 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBSD01

Tot Ion:105 Resp: 260016

Ion Ratio Lower Upper

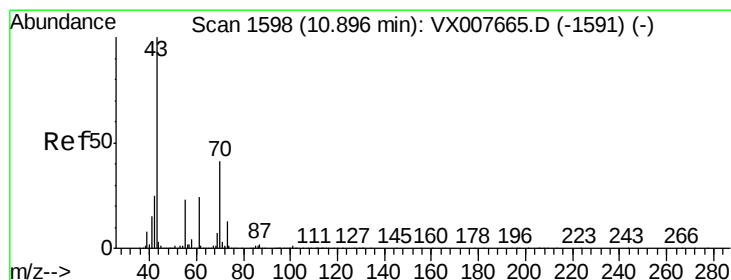
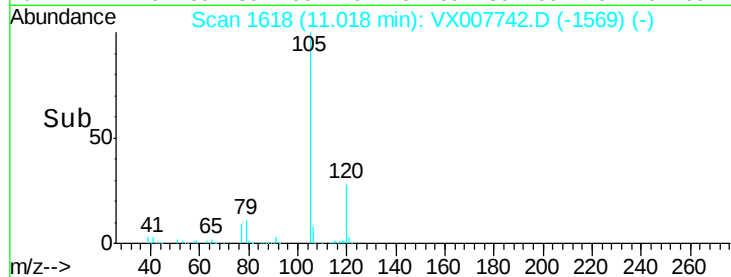
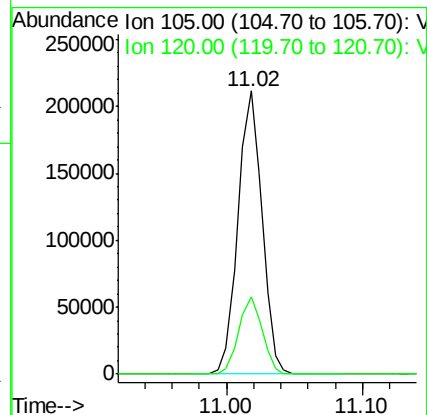
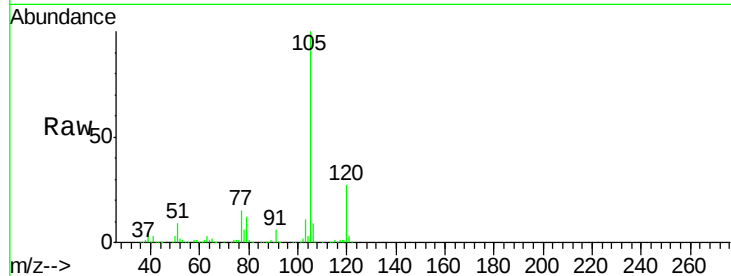
105 100

120 26.9 13.6 40.7

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#74

N-ethyl acetate

Concen: 19.733 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion: 43 Resp: 118796

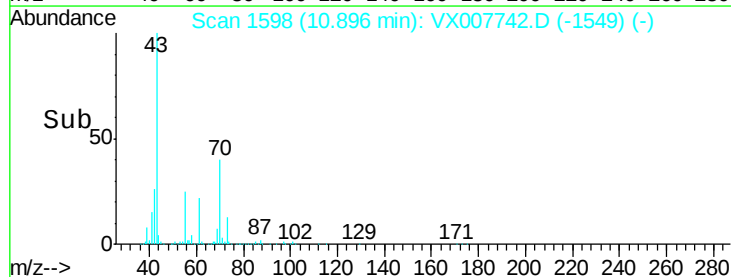
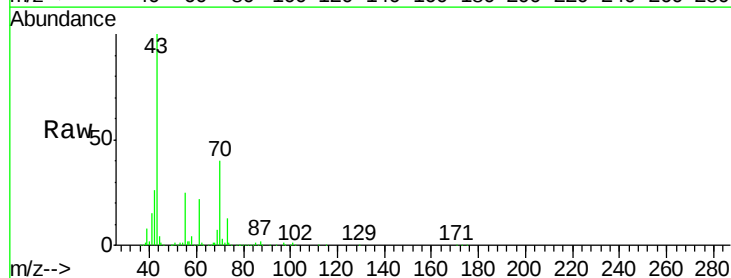
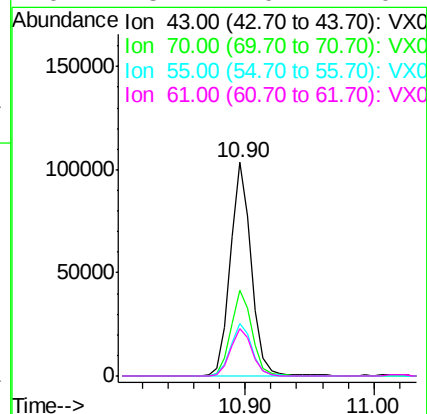
Ion Ratio Lower Upper

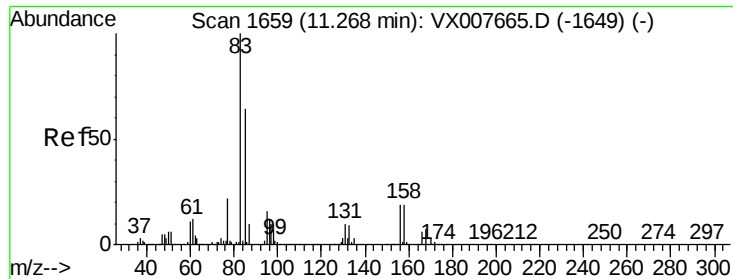
43 100

70 40.9 33.8 50.6

55 25.5 19.5 29.3

61 23.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.452 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBSD01

Tot Ion: 83 Resp: 88472

Ion Ratio Lower Upper

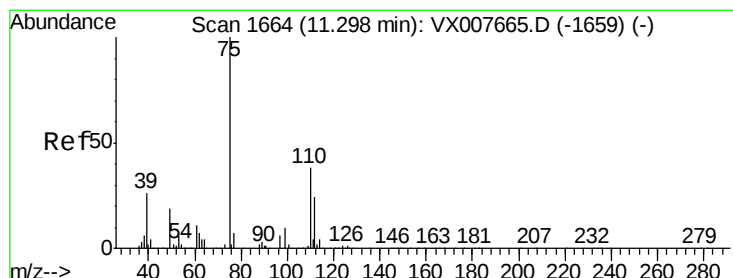
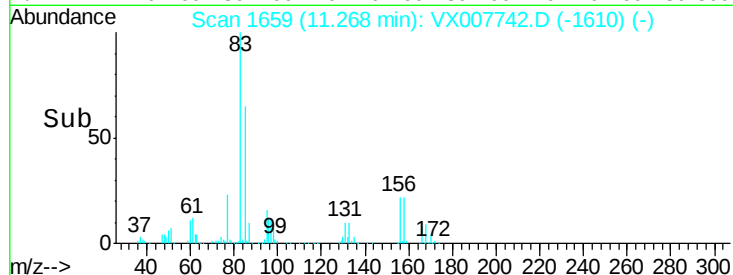
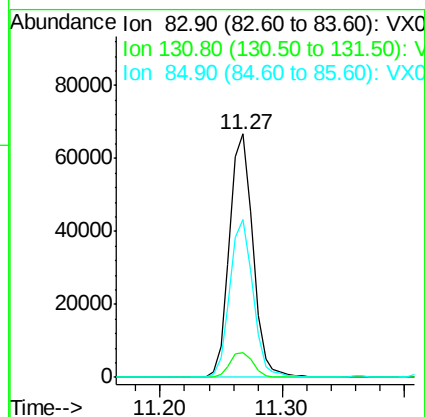
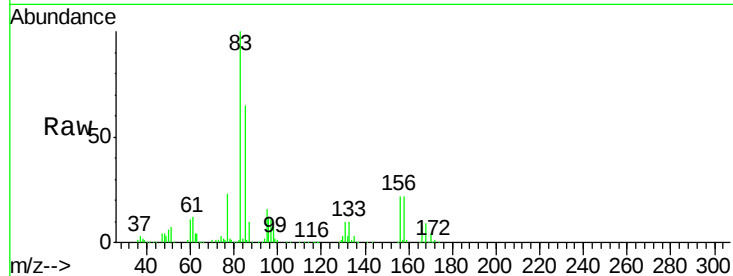
83 100

131 10.2 5.7 17.0

85 64.0 32.8 98.3

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#76

1,2,3-Trichloropropane

Concen: 18.192 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007742.D

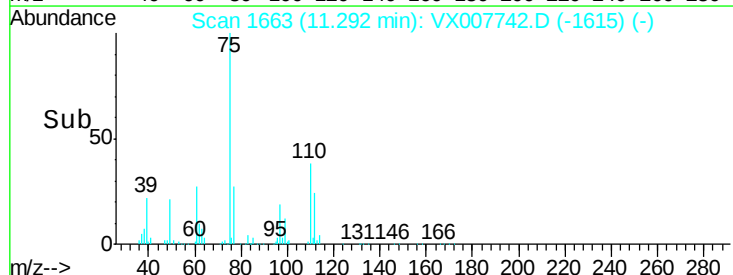
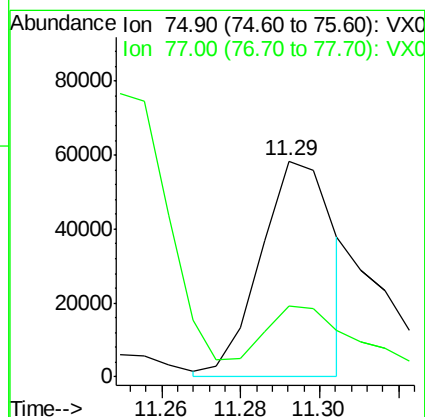
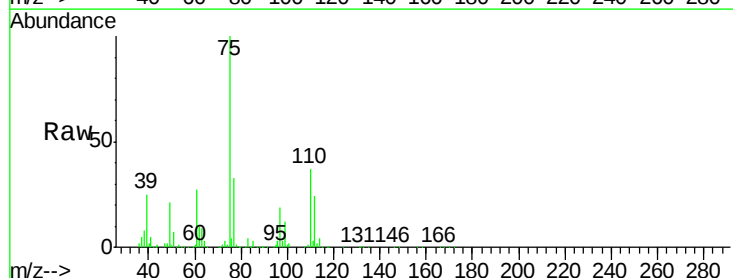
Acq: 27 Feb 2019 18:58

Tgt Ion: 75 Resp: 75213

Ion Ratio Lower Upper

75 100

77 44.2 23.0 69.0





#77

Bromobenzene

Concen: 20.395 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

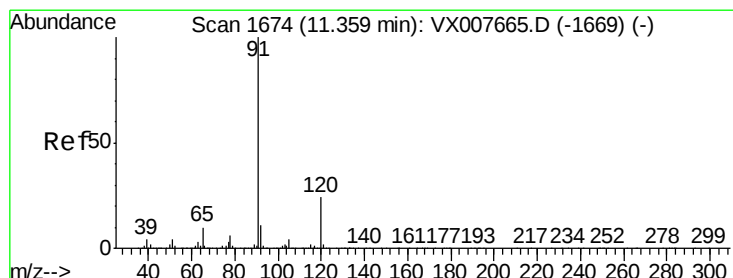
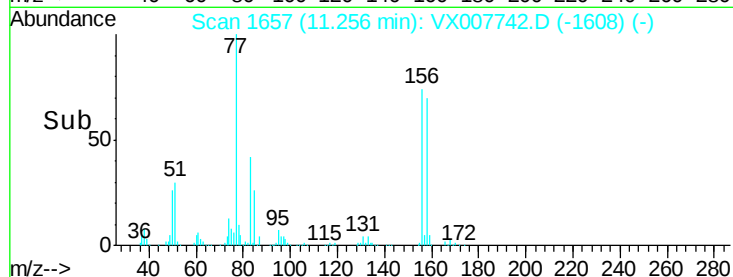
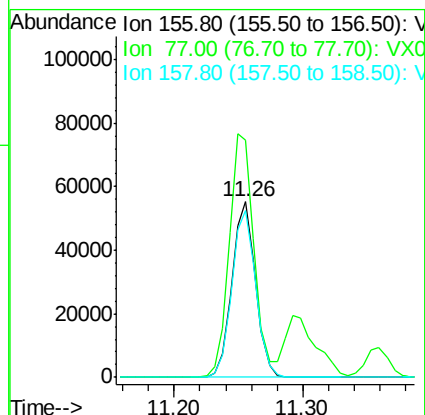
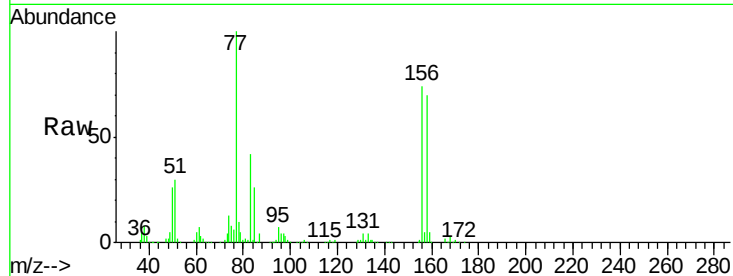
ClientSampleId :

VX0227MBS01

Tot Ion:	156	Resp:	70918
Ion	Ratio	Lower	Upper
156	100		
77	144.5	66.8	200.6
158	96.6	47.9	143.8

Manual Integrations
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2/28/2019 12:22:59 PM



#78

n-propylbenzene

Concen: 18.509 ug/l

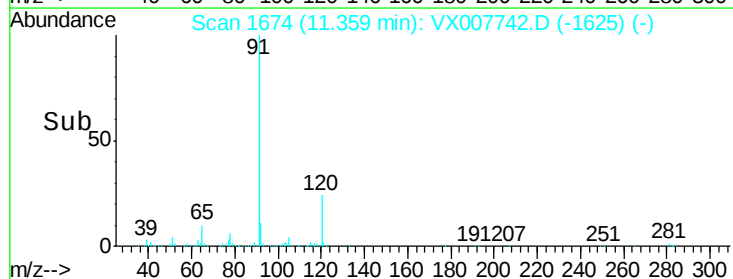
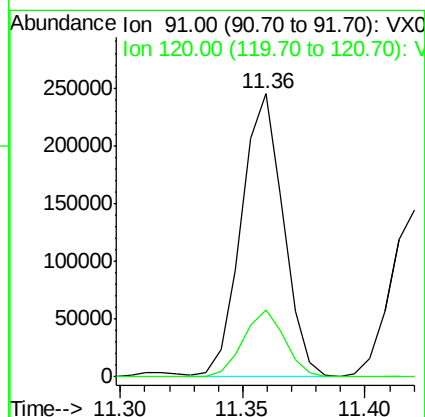
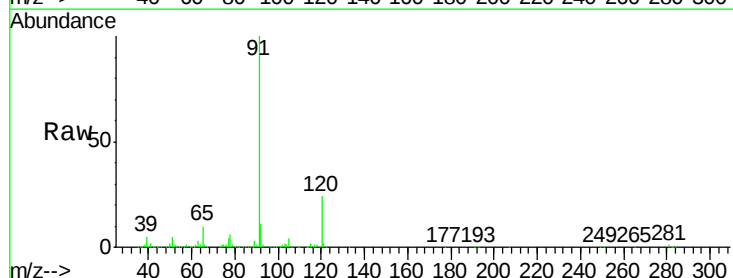
RT: 11.36 min Scan# 1674

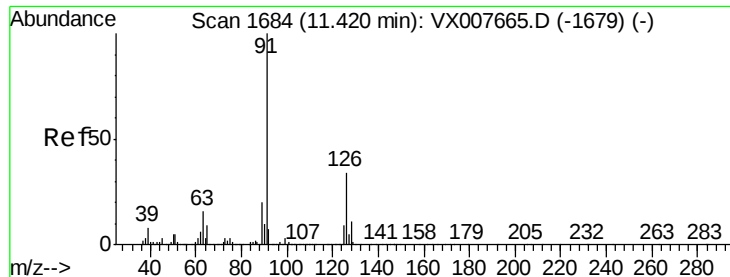
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	91	Resp:	289954
Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.4	37.2





#79

2-Chlorotoluene

Concen: 18.652 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBSD01

Tot Ion: 91 Resp: 175938

Ion Ratio Lower Upper

91 100

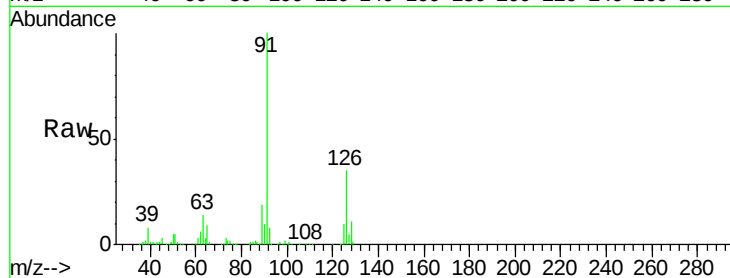
126 35.1 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX007742.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX007742.D (-1635) (-)

250000

200000

150000

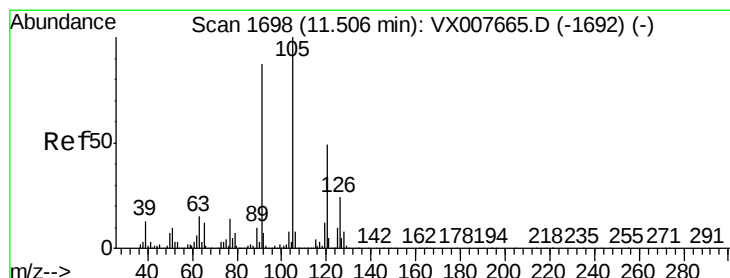
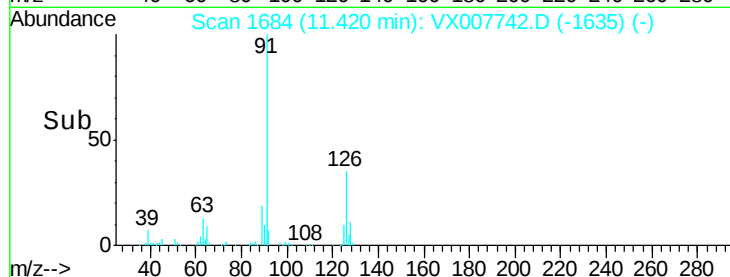
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.858 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007742.D

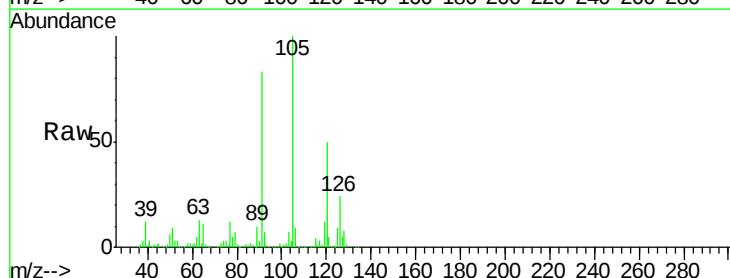
Acq: 27 Feb 2019 18:58

Tgt Ion: 105 Resp: 215037

Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007742.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX007742.D (-1649) (-)

200000

150000

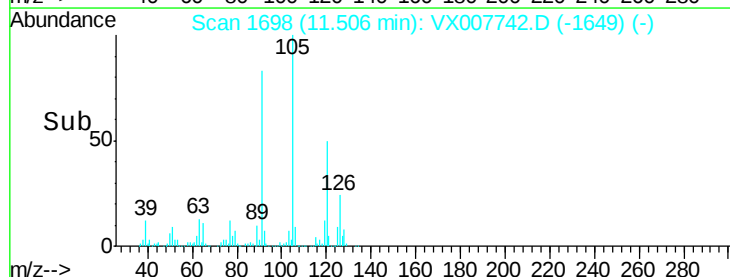
100000

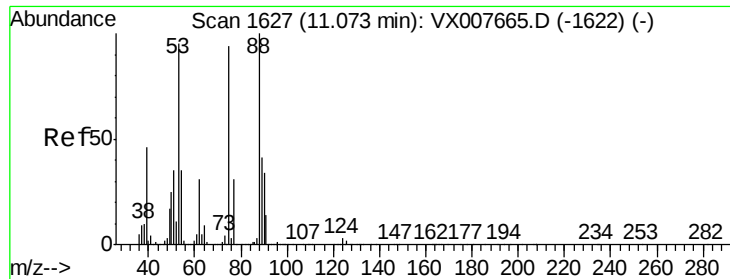
50000

0

11.50 11.60

Time-->





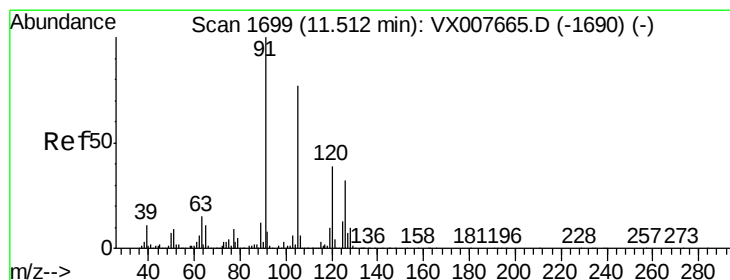
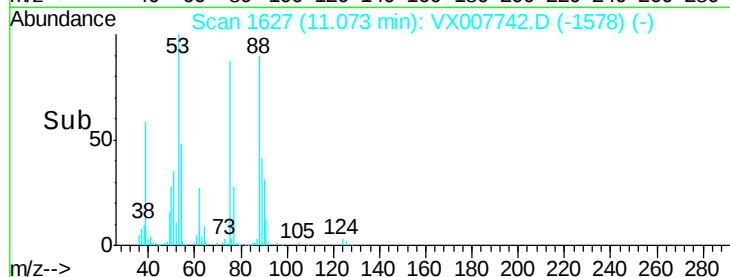
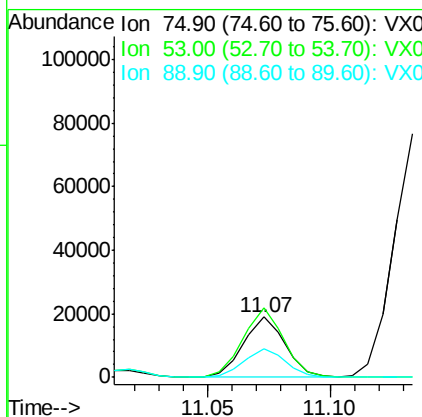
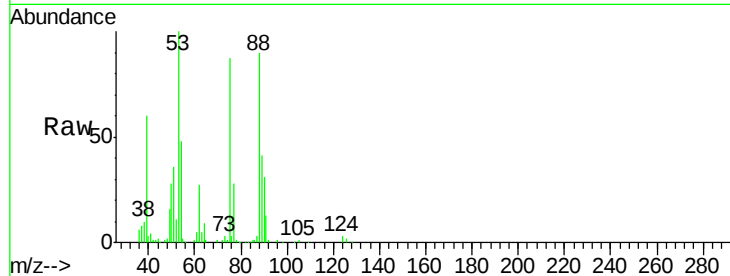
#81
trans-1,4-Dichloro-2-butene
Concen: 16.645 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.5	81.0	121.6
89	47.5	41.4	62.0

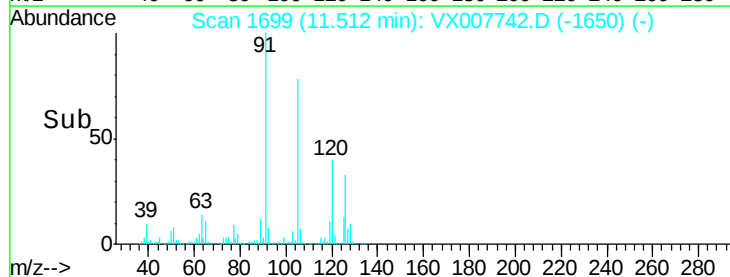
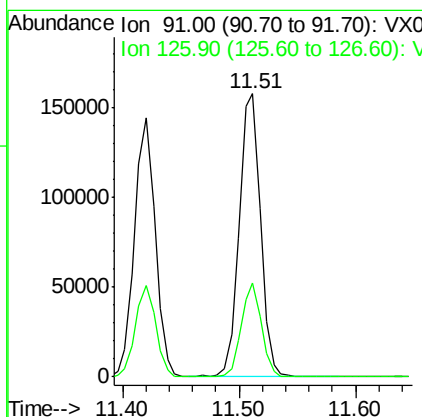
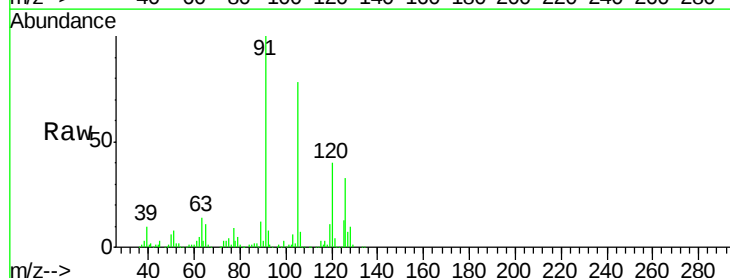
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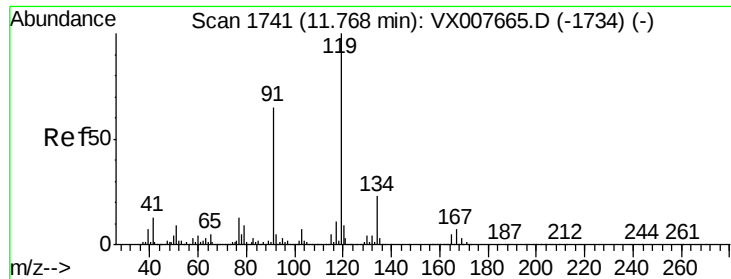
MMDadoda
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#82
4-Chlorotoluene
Concen: 18.205 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	16.2	48.5





#83

tert-Butylbenzene

Concen: 18.942 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

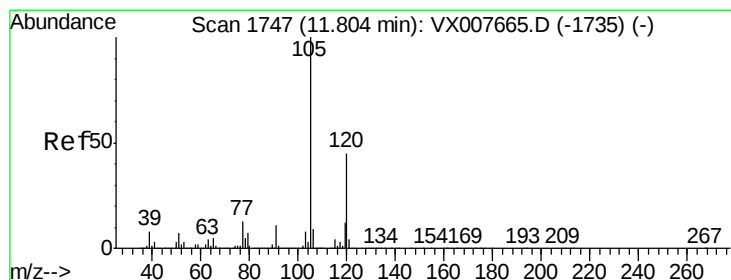
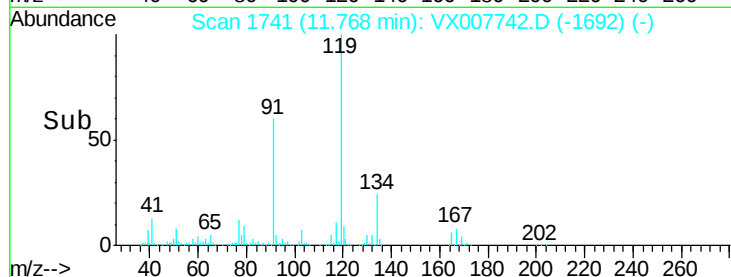
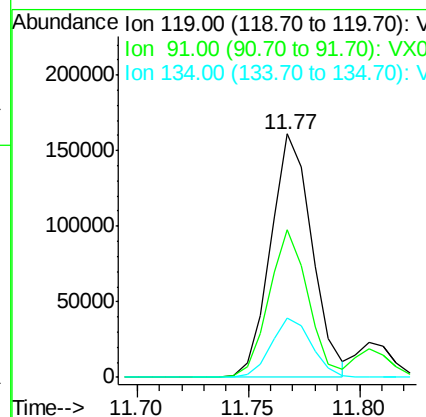
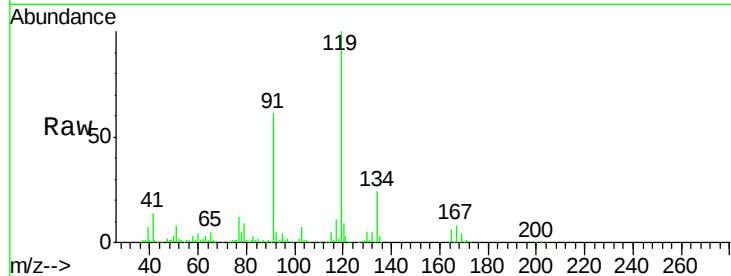
ClientSampleId :

VX0227MBS01

Tot Ion:	119	Resp:	207390
Ion Ratio	Lower	Upper	
119	100		
91	57.6	28.5	85.6
134	24.1	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 18.958 ug/l

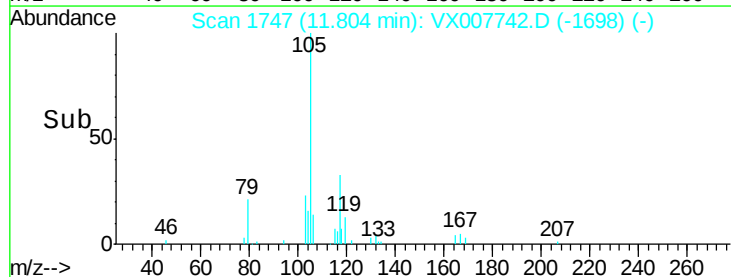
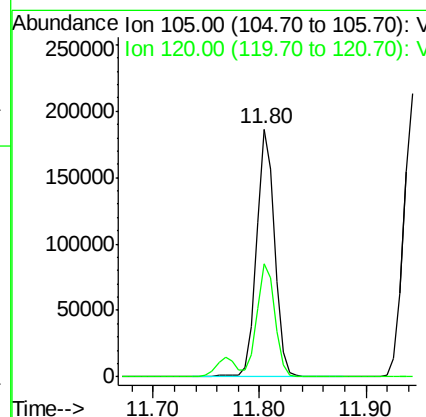
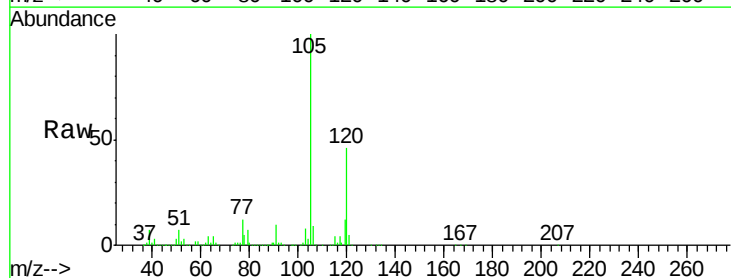
RT: 11.80 min Scan# 1747

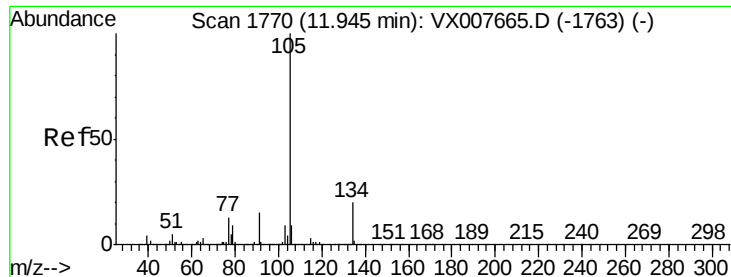
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	105	Resp:	221135
Ion Ratio	Lower	Upper	
105	100		
120	45.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 18.615 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion:105 Resp: 255390

Ion Ratio Lower Upper

105 100

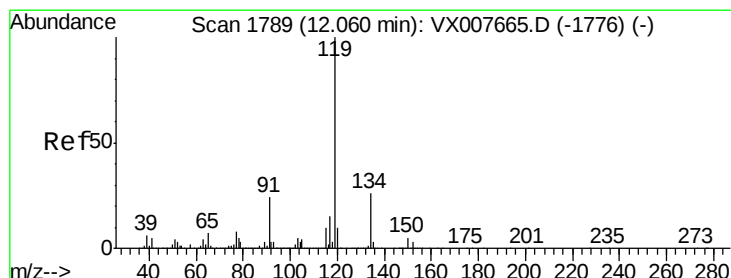
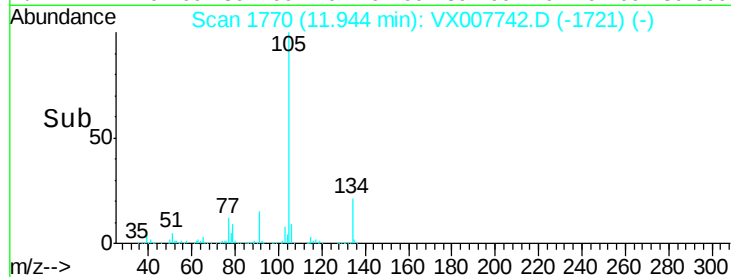
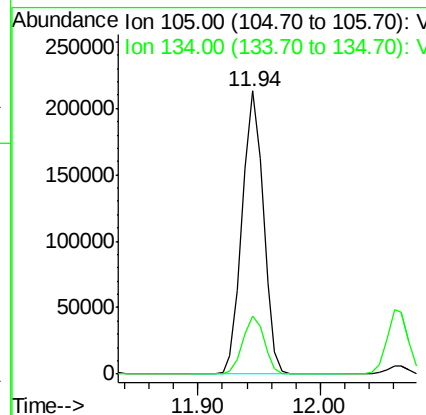
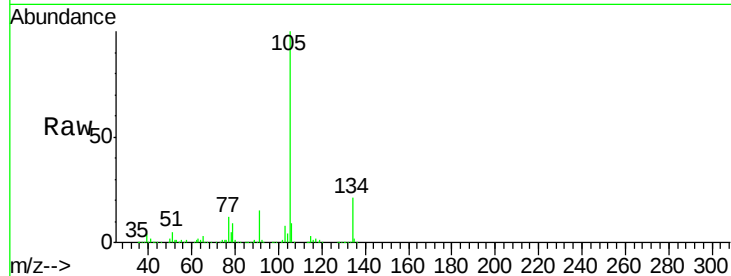
134 20.8 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 18.893 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

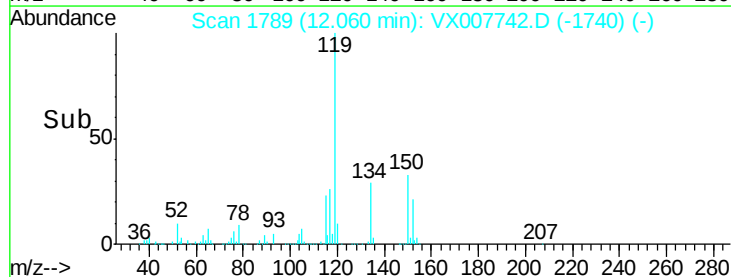
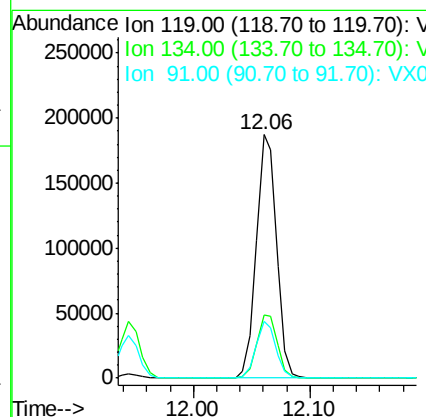
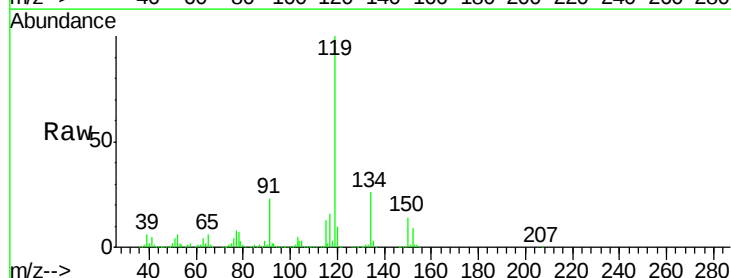
Tgt Ion:119 Resp: 227005

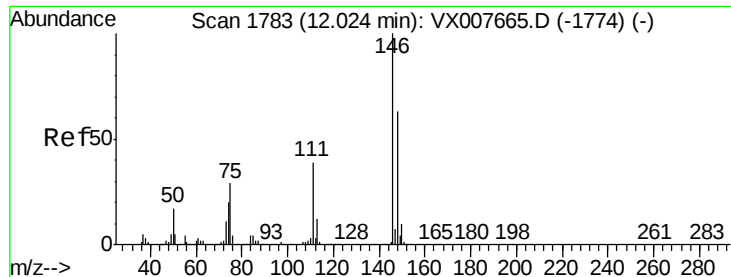
Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

91 23.0 11.2 33.5





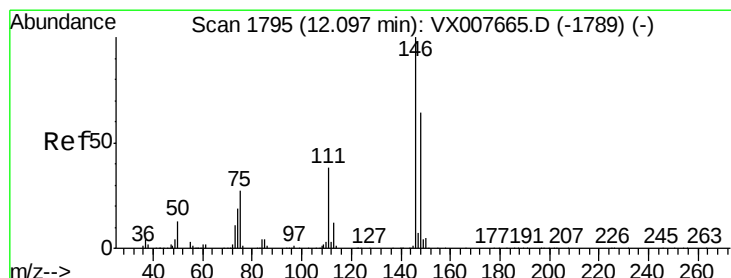
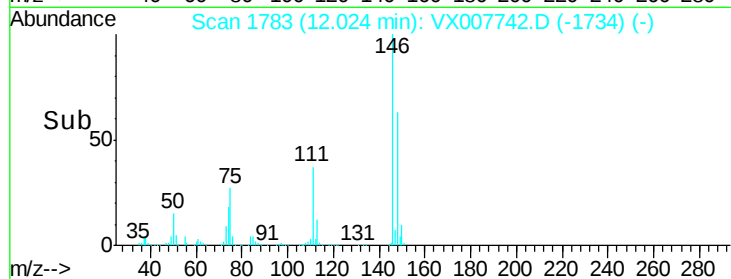
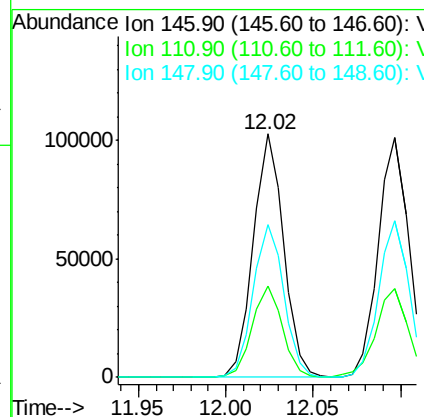
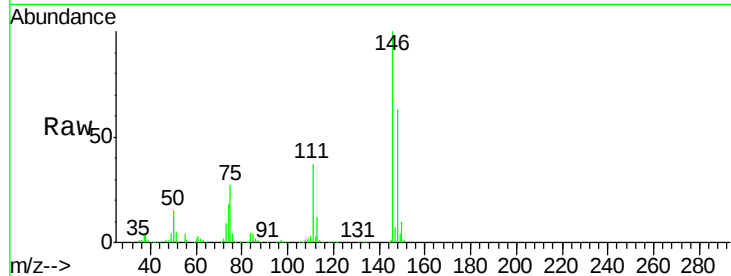
#87
 1,3-Dichlorobenzene
 Concen: 19.220 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	63.5	32.0	96.2

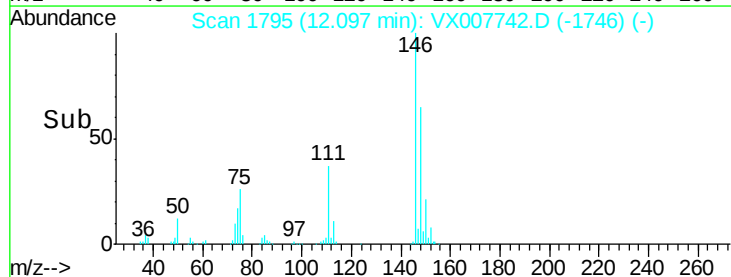
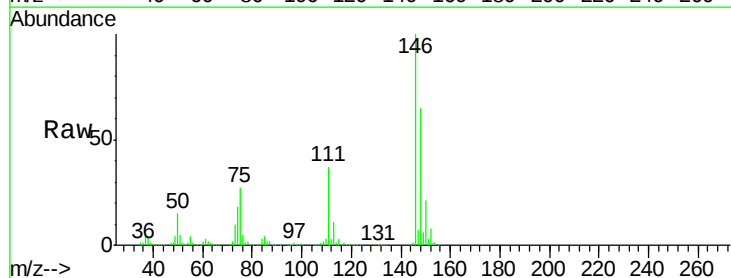
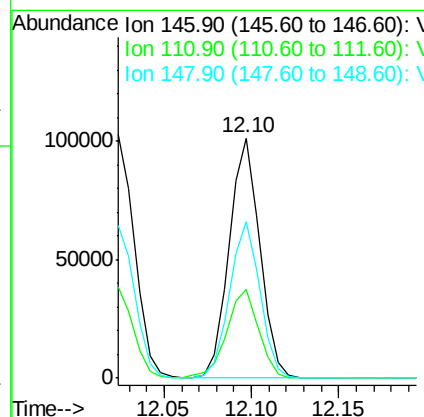
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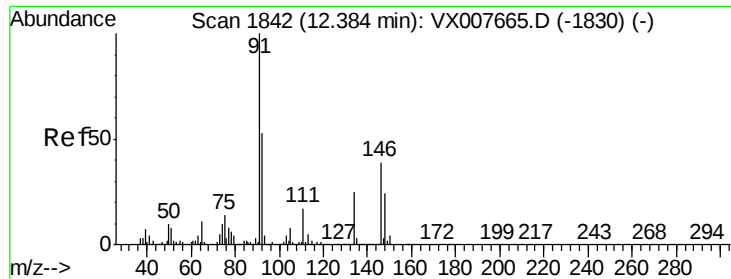
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#88
 1,4-Dichlorobenzene
 Concen: 18.678 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.1	54.1
148	64.9	32.3	96.9





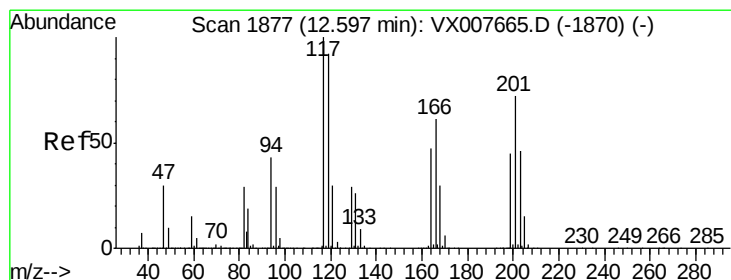
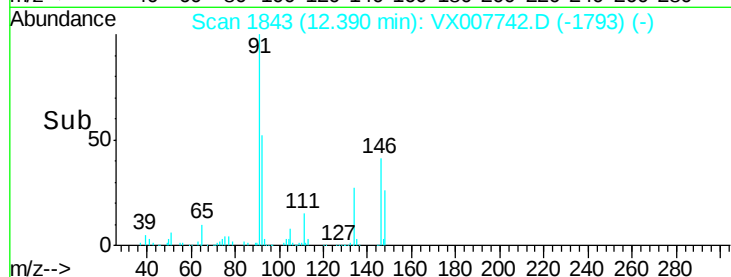
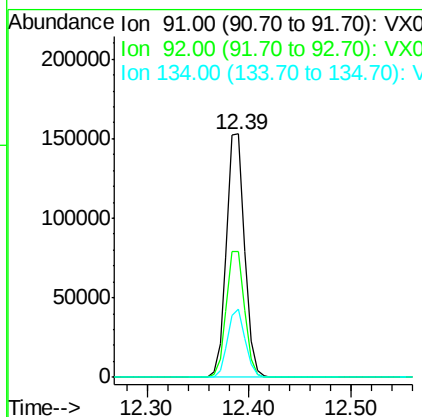
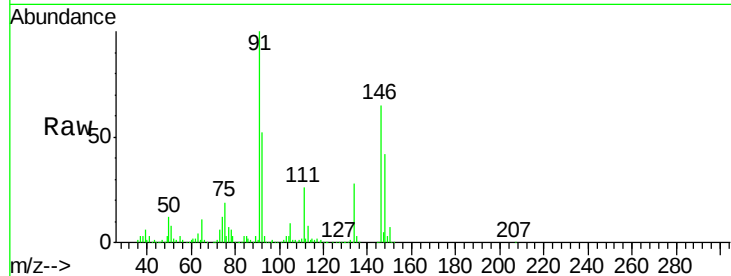
#89
n-Butylbenzene
Concen: 17.559 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.3	78.9
134	27.1	13.9	41.6

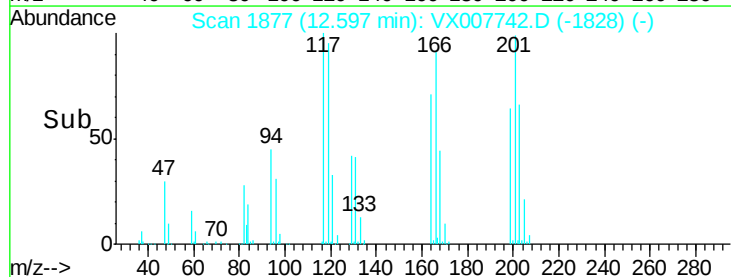
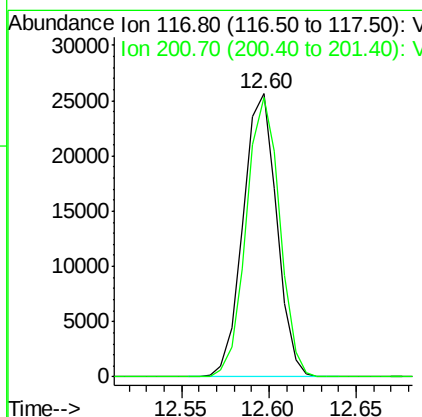
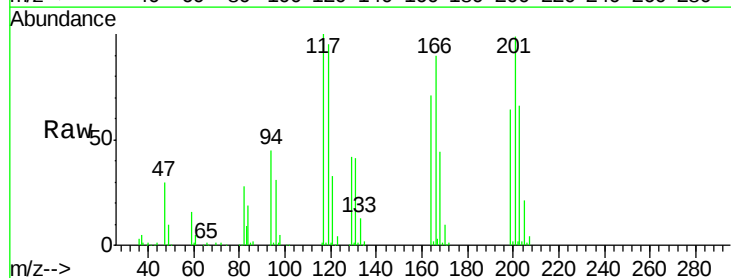
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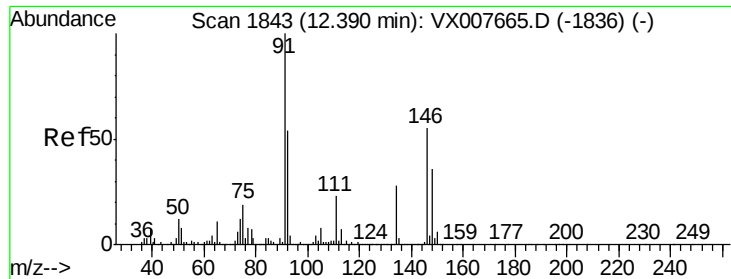
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#90
Hexachloroethane
Concen: 16.947 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007742.D
Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.8	44.9	134.7





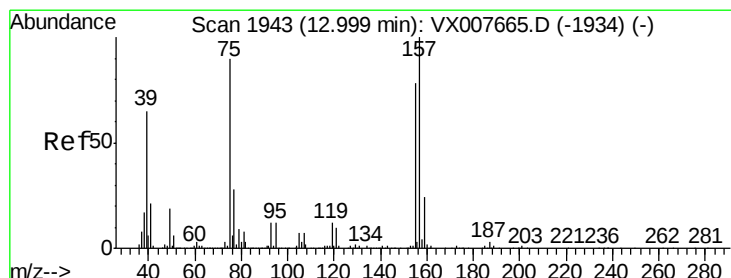
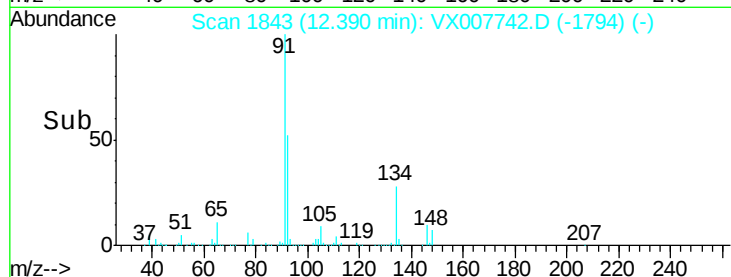
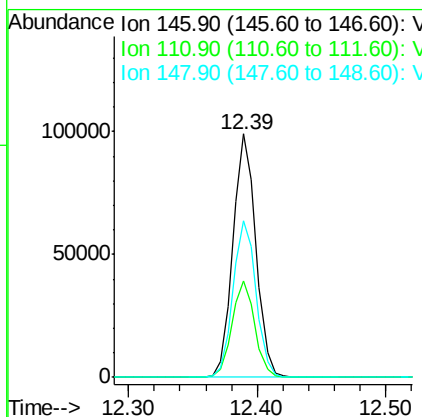
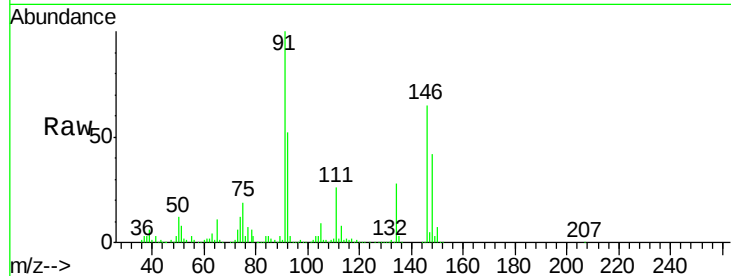
#91
 1,2-Dichlorobenzene
 Concen: 19.128 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.1	57.3
148	64.7	32.1	96.3

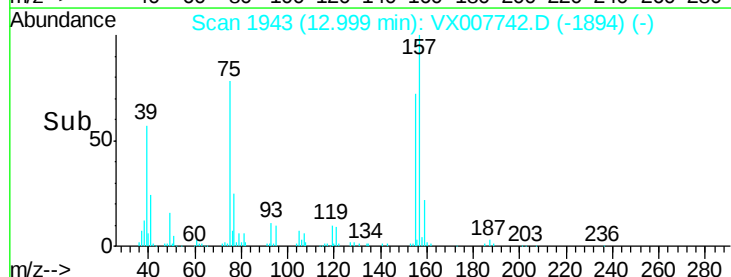
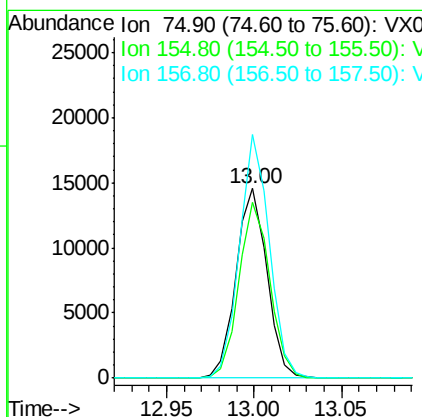
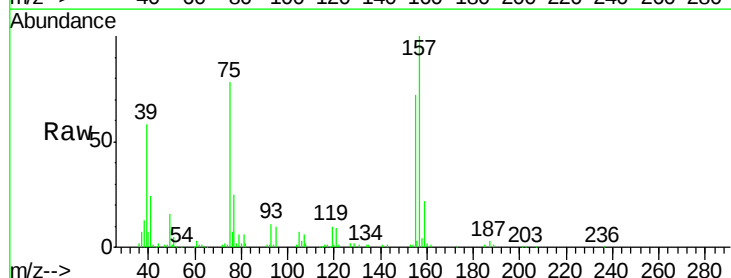
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.198 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007742.D
 Acq: 27 Feb 2019 18:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	49.6	149.0
157	122.9	65.1	195.3





#93

1,2,4-Trichlorobenzene

Concen: 21.301 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

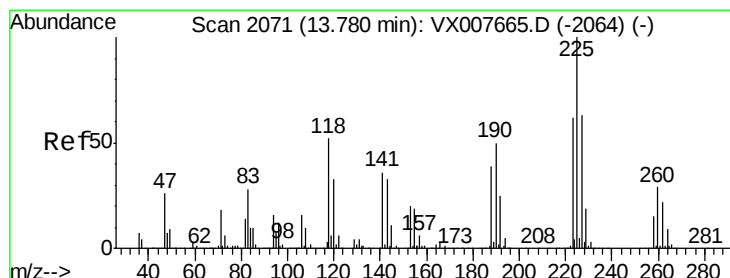
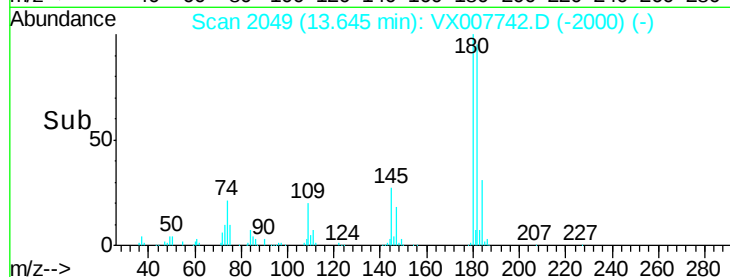
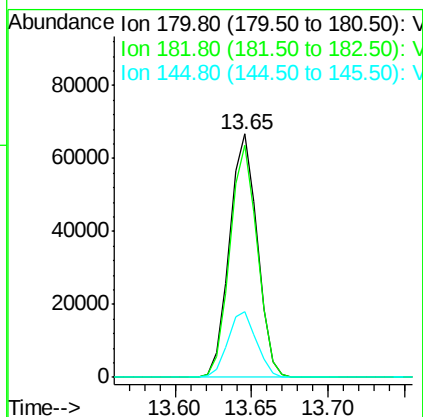
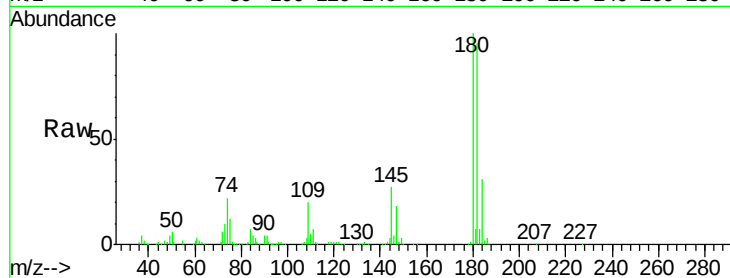
ClientSampleId :

VX0227MBS01

Tot Ion:	180	Resp:	83908
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.8	143.3
145	27.6	14.1	42.2

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 24.955 ug/l

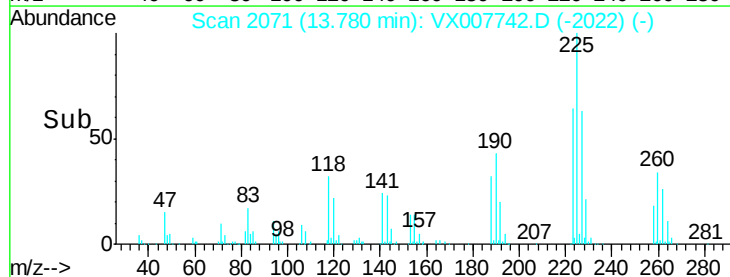
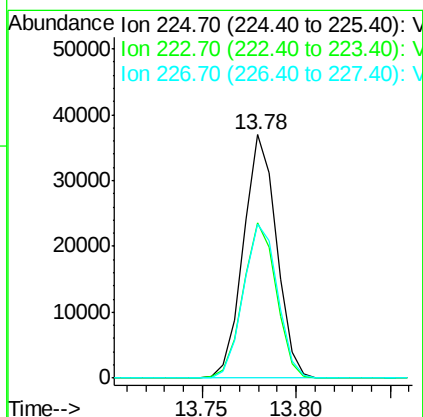
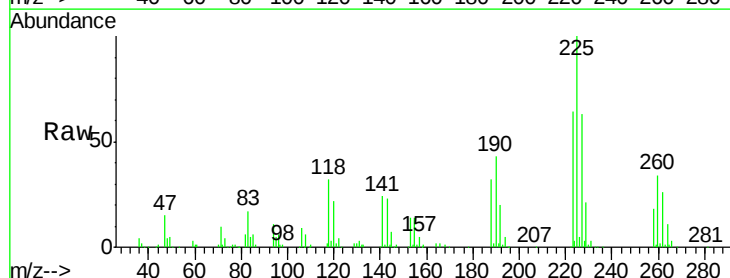
RT: 13.78 min Scan# 2071

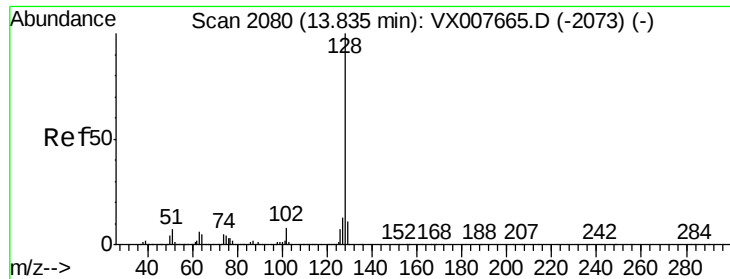
Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	225	Resp:	44970
Ion Ratio	Lower	Upper	
225	100		
223	63.8	31.6	94.8
227	65.0	32.1	96.3





#95

Naphthalene

Concen: 19.720 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Instrument :

MSVOA_X

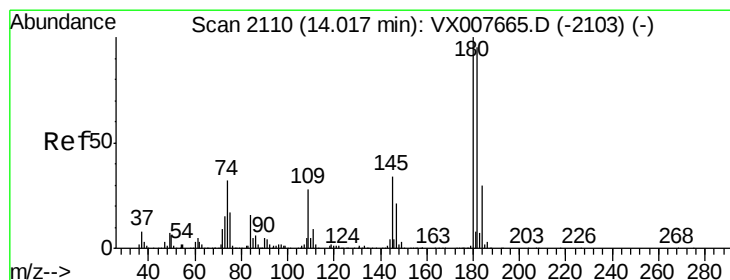
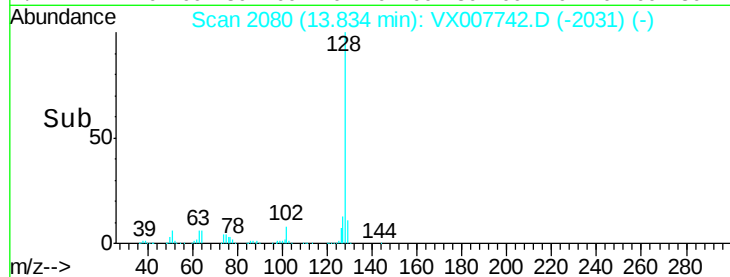
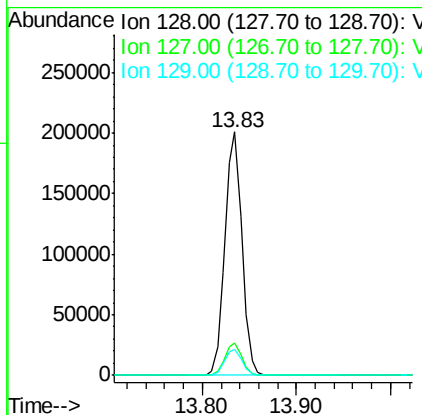
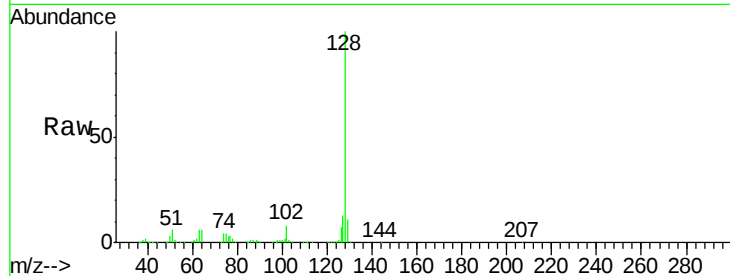
ClientSampleId :

VX0227MBS01

Tot Ion:	128	Resp:	251675
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/28/2019 12:22:59 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.580 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007742.D

Acq: 27 Feb 2019 18:58

Tgt Ion:	180	Resp:	85356
Ion Ratio		Lower	Upper
180	100		
182	94.8	47.5	142.6
145	29.1	14.9	44.5

