

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007734.D
 Acq On : 27 Feb 2019 15:24
 Operator : JC/SP
 Sample : VX0227MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 12:22:48 PM

Quant Time: Feb 28 04:21:25 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	5.67	168	290635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	384962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179494	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	5.50	113	146299	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	8.71	98	551840	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	196911	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49848	18.619	ug/l	97
3) Chloromethane	1.33	50	54634	18.415	ug/l	100
4) Vinyl Chloride	1.41	62	57912	19.026	ug/l	100
5) Bromomethane	1.64	94	36947	18.284	ug/l	97
6) Chloroethane	1.73	64	36627	18.834	ug/l	99
7) Trichlorofluoromethane	1.93	101	81792	17.528	ug/l	99
8) Diethyl Ether	2.19	74	34066	17.789	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48601	17.232	ug/l	98
10) Methyl Iodide	2.51	142	67633	19.259	ug/l	99
11) Tert butyl alcohol	3.07	59	66789	97.780	ug/l	99
12) 1,1-Dichloroethene	2.38	96	46101	18.134	ug/l	94
13) Acrolein	2.30	56	49636	81.777	ug/l	99
14) Allyl chloride	2.73	41	94372	20.076	ug/l	95
15) Acrylonitrile	3.15	53	161907	100.724	ug/l	99
16) Acetone	2.45	43	153552	95.913	ug/l	99
17) Carbon Disulfide	2.57	76	124443	17.595	ug/l	99
18) Methyl Acetate	2.78	43	74556	21.342	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	163879	18.511	ug/l	98
20) Methylene Chloride	2.86	84	52754	17.845	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	49078	17.758	ug/l	89
22) Diisopropyl ether	3.87	45	196649	20.096	ug/l	96
23) Vinyl Acetate	3.82	43	845496	98.482	ug/l	98
24) 1,1-Dichloroethane	3.70	63	101203	19.030	ug/l	98
25) 2-Butanone	4.70	43	251430	103.102	ug/l	93
26) 2,2-Dichloropropane	4.59	77	72428	17.061	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61463	17.478	ug/l	91
28) Bromochloromethane	5.02	49	47542	18.363	ug/l	84
29) Tetrahydrofuran	5.15	42	161631	100.548	ug/l	93
30) Chloroform	5.21	83	102837	18.052	ug/l	99
31) Cyclohexane	5.57	56	91622	18.315	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	85876	18.228	ug/l	97
36) 1,1-Dichloropropene	5.80	75	74968	19.767	ug/l	97
37) Ethyl Acetate	4.85	43	92288	21.906	ug/l	99
38) Carbon Tetrachloride	5.78	117	74253	19.490	ug/l	97

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 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)
39) Methylcyclohexane	7.46	83	90297	18.838	ug/l	94
40) Benzene	6.14	78	234878	20.062	ug/l	99
41) Methacrylonitrile	5.06	41	52309	23.252	ug/l	94
42) 1,2-Dichloroethane	6.20	62	83961	21.337	ug/l	100
43) Isopropyl Acetate	6.46	43	141001	21.746	ug/l	97
44) Trichloroethene	7.21	130	64114	19.907	ug/l	94
45) 1,2-Dichloropropane	7.51	63	62229	20.519	ug/l	99
46) Dibromomethane	7.66	93	39819	18.820	ug/l	99
47) Bromodichloromethane	7.90	83	72357	19.735	ug/l	98
48) Methyl methacrylate	7.77	41	75800	22.302	ug/l	90
49) 1,4-Dioxane	7.75	88	29556	402.624	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	476565	109.801	ug/l	98
52) Toluene	8.78	92	146450	19.837	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	78274	19.012	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	87891	19.753	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	60591	19.681	ug/l	98
56) Ethyl methacrylate	9.18	69	89973	20.551	ug/l	94
57) 1,3-Dichloropropane	9.37	76	100379	20.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	249240	103.238	ug/l	97
59) 2-Hexanone	9.49	43	364417	106.946	ug/l	98
60) Dibromochloromethane	9.58	129	58785	19.844	ug/l	98
61) 1,2-Dibromoethane	9.67	107	63814	19.965	ug/l	99
64) Tetrachloroethene	9.34	164	66159	21.170	ug/l	99
65) Chlorobenzene	10.14	112	162560	19.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	58003	19.972	ug/l	100
67) Ethyl Benzene	10.25	91	269189	19.517	ug/l	100
68) m/p-Xylenes	10.36	106	205691	38.335	ug/l	95
69) o-Xylene	10.69	106	100312	19.436	ug/l	96
70) Styrene	10.71	104	164511	19.392	ug/l	99
71) Bromoform	10.85	173	44778	20.561	ug/l	98
73) Isopropylbenzene	11.02	105	269000	19.250	ug/l	99
74) N-amyl acetate	10.90	43	120858	19.916	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	89315	18.479	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	76585m	18.376	ug/l	
77) Bromobenzene	11.26	156	73008	20.830	ug/l	94
78) n-propylbenzene	11.36	91	298807	18.923	ug/l	98
79) 2-Chlorotoluene	11.42	91	180745	19.010	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	221960	19.310	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23939	17.475	ug/l	91
82) 4-Chlorotoluene	11.51	91	207191	18.628	ug/l	98
83) tert-Butylbenzene	11.77	119	214356	19.423	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	225630	19.190	ug/l	98
85) sec-Butylbenzene	11.94	105	262225	18.961	ug/l	99
86) p-Isopropyltoluene	12.06	119	233204	19.255	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126319	19.429	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126852	19.051	ug/l	98
89) n-Butylbenzene	12.38	91	193474	17.912	ug/l	99
90) Hexachloroethane	12.60	117	36202	17.740	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	128137	19.698	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18795	17.847	ug/l	95

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0227MBS01

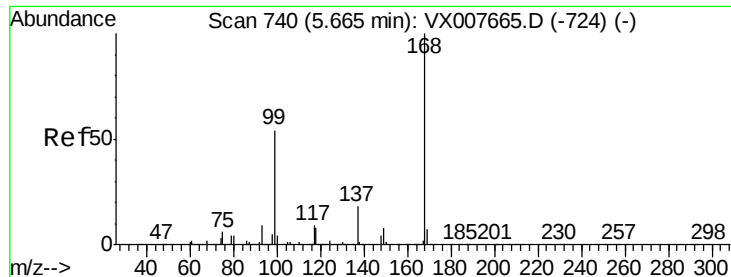
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85094	21.430	ug/l	99
94) Hexachlorobutadiene	13.78	225	46378	25.531	ug/l	99
95) Naphthalene	13.83	128	252065	19.593	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87837	22.030	ug/l	100

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



#1

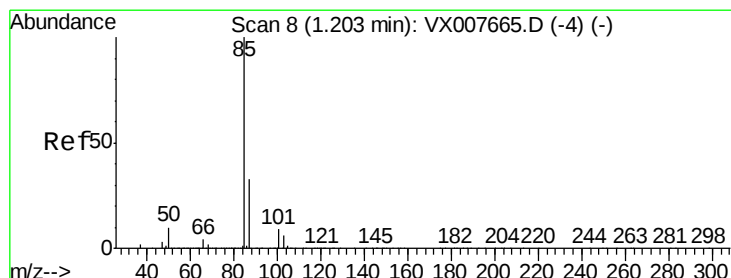
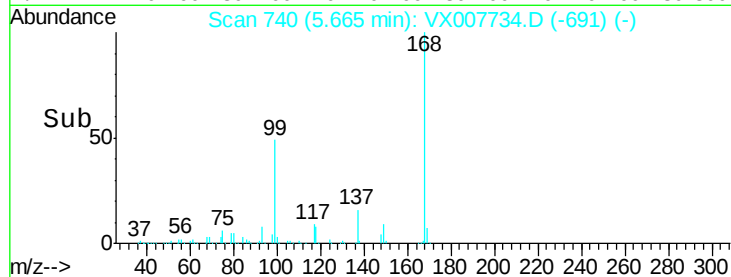
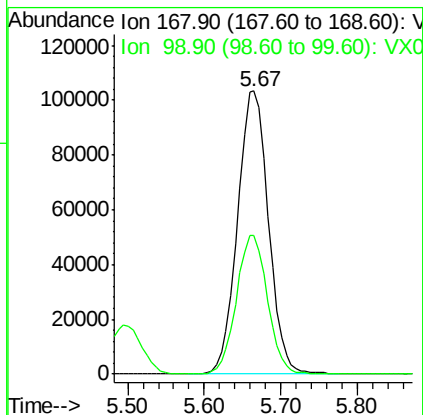
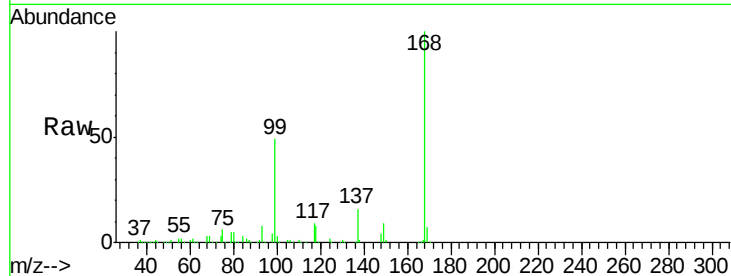
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	290635		
99	48.9		37.9	56.9

Manual Integrations
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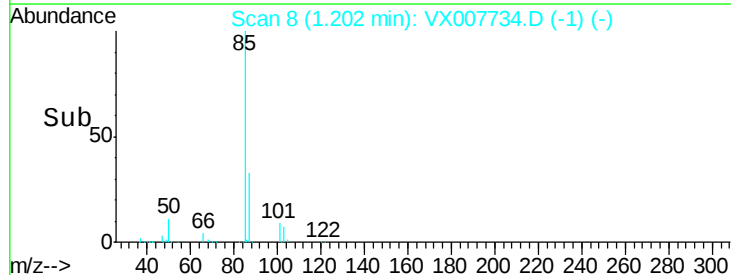
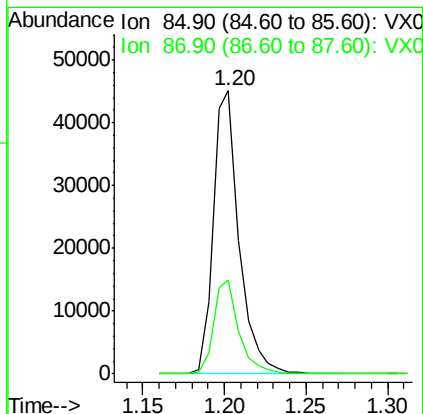
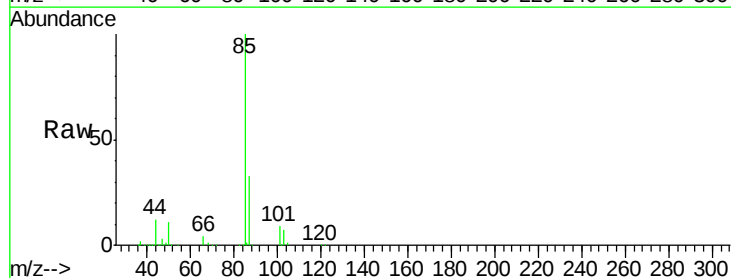
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#2

Dichlorodifluoromethane
 Concen: 18.619 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	49848		
87	33.2		15.8	47.4





#3

Chloromethane

Concen: 18.415 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 50 Resp: 54634

Ion Ratio Lower Upper

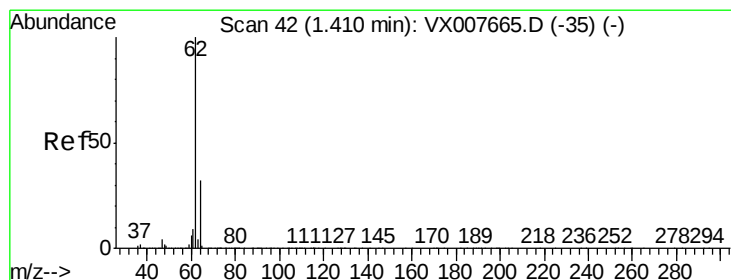
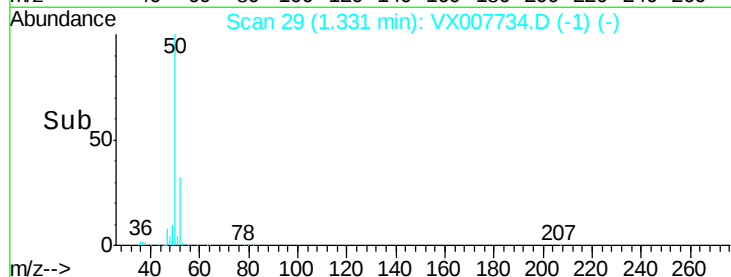
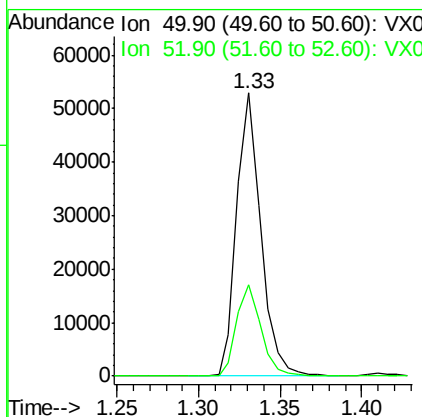
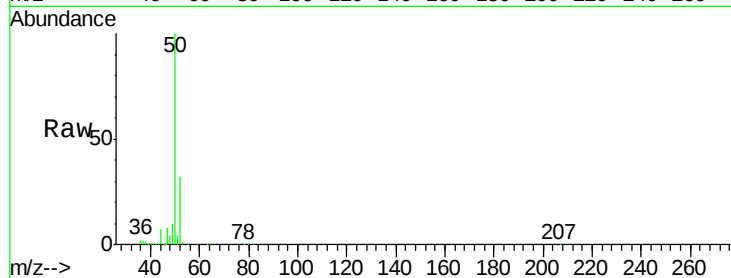
50 100

52 32.3 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.026 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007734.D

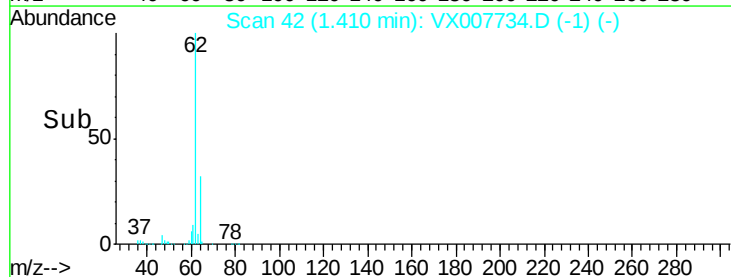
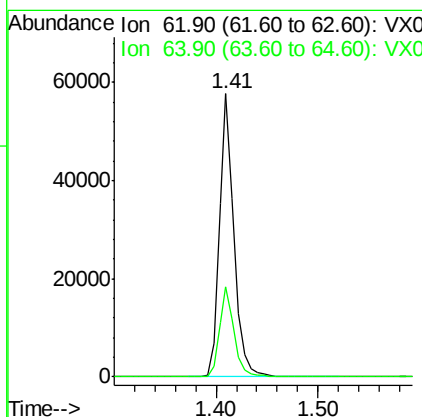
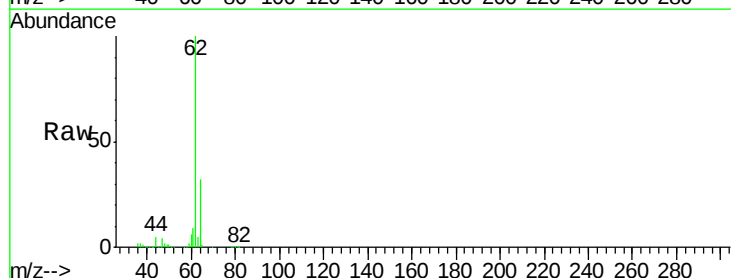
Acq: 27 Feb 2019 15:24

Tgt Ion: 62 Resp: 57912

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.0





#5

Bromomethane

Concen: 18.284 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 94 Resp: 36947

Ion Ratio Lower Upper

94 100

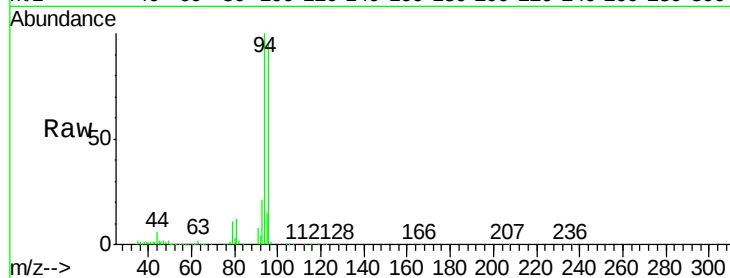
96 95.3 73.9 110.9

Manual Integrations

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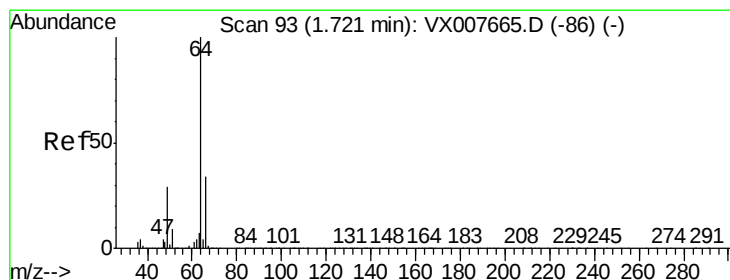
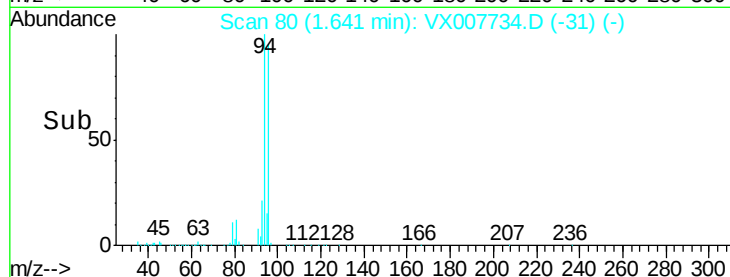
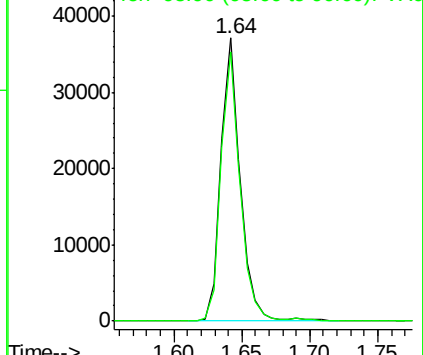
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.834 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007734.D

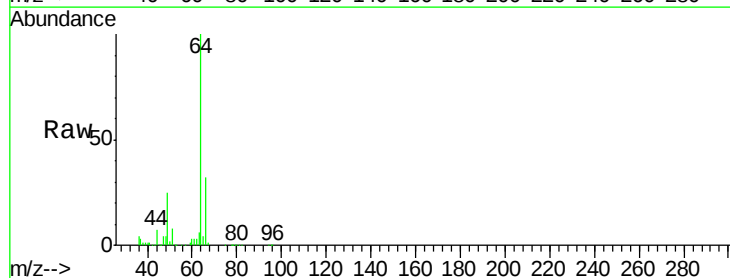
Acq: 27 Feb 2019 15:24

Tgt Ion: 64 Resp: 36627

Ion Ratio Lower Upper

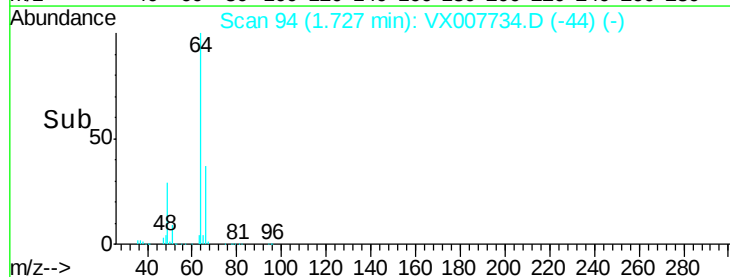
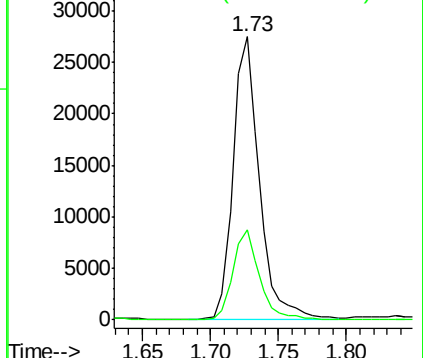
64 100

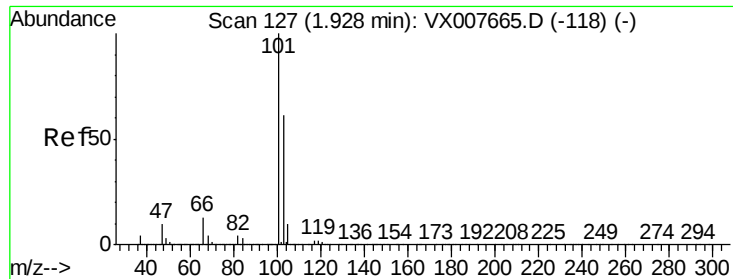
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

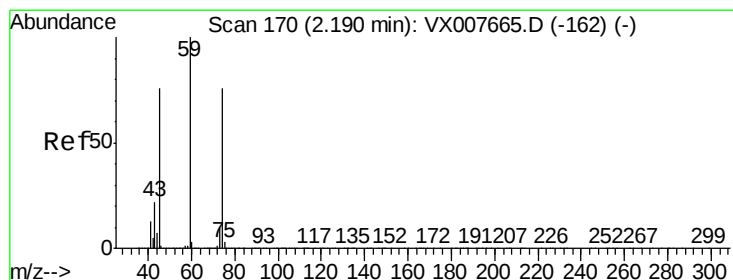
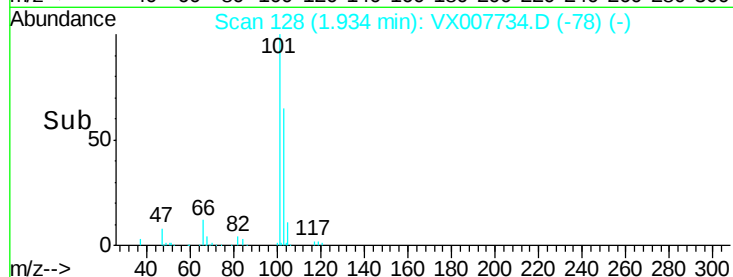
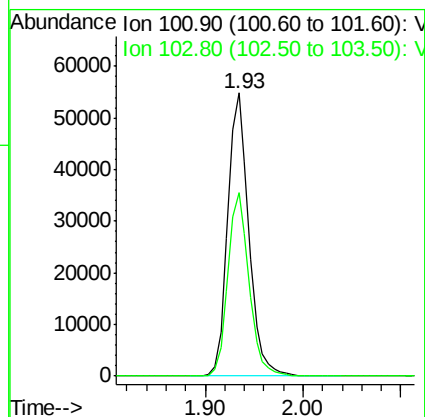
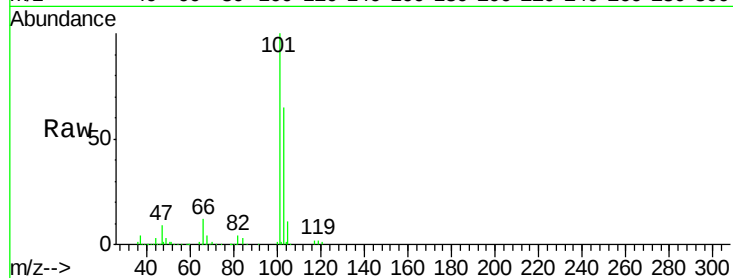
Trichlorofluoromethane
 Concen: 17.528 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.6	79.0

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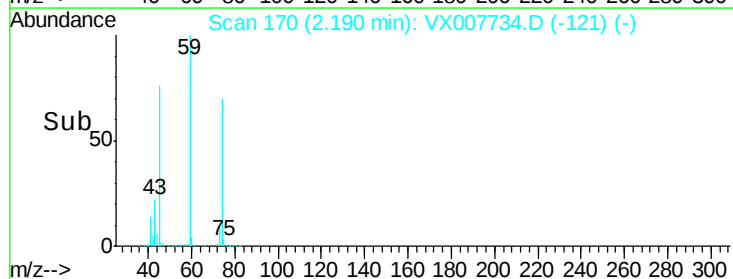
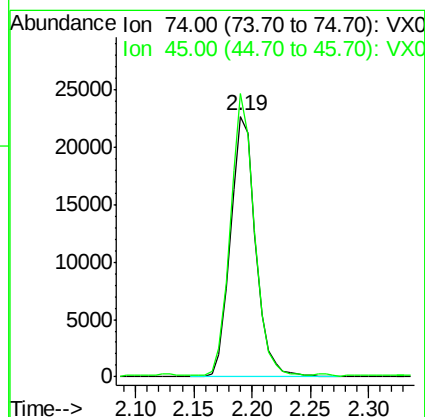
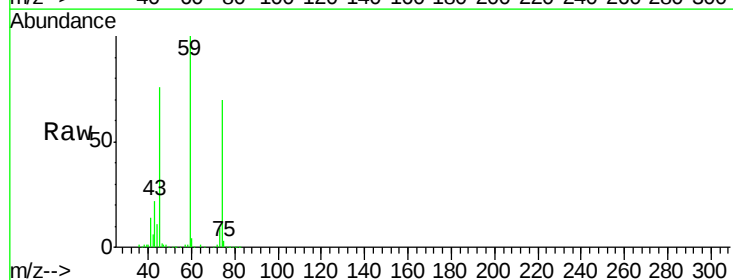
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#8

Diethyl Ether
 Concen: 17.789 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.232 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

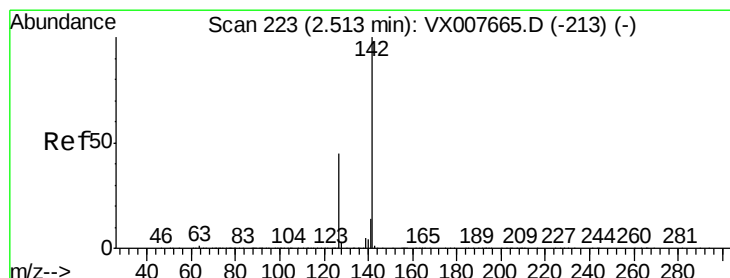
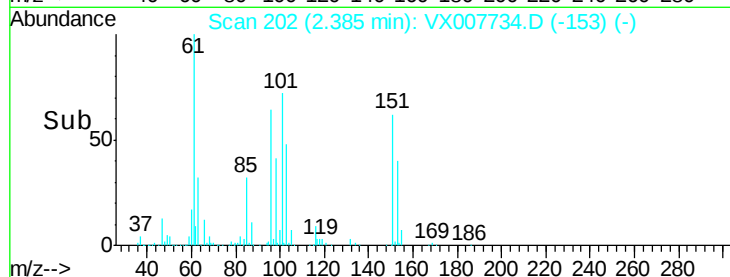
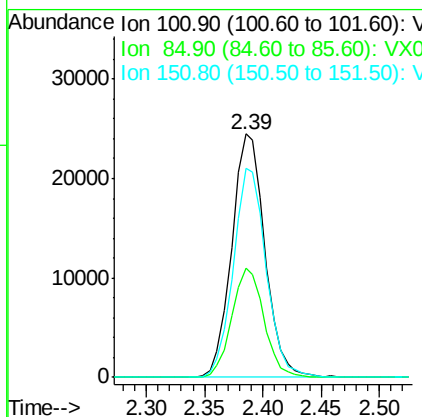
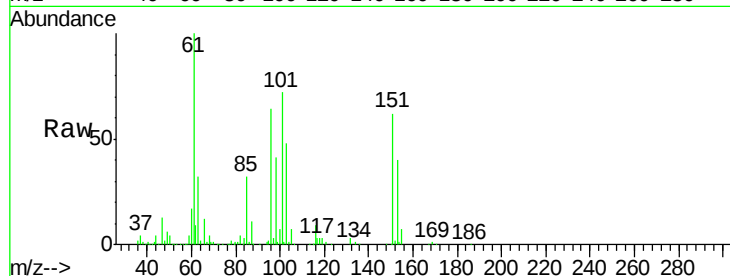
ClientSampleId :

VX0227MBS01

Tot Ion:	101	Resp:	48601
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.1	51.1
151	85.1	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.259 ug/l

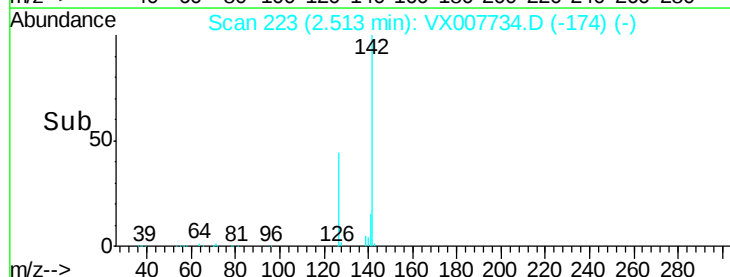
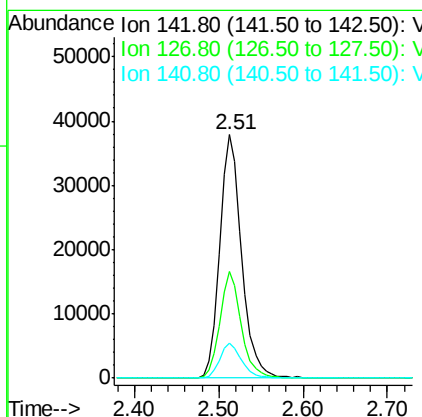
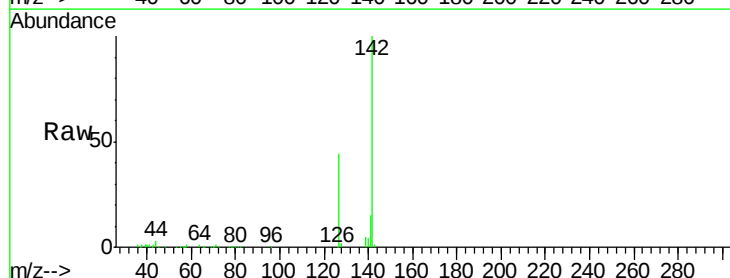
RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion:	142	Resp:	67633
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.7	50.5
141	14.3	11.3	16.9





#11

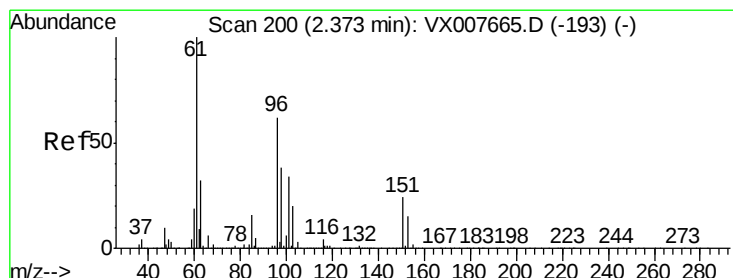
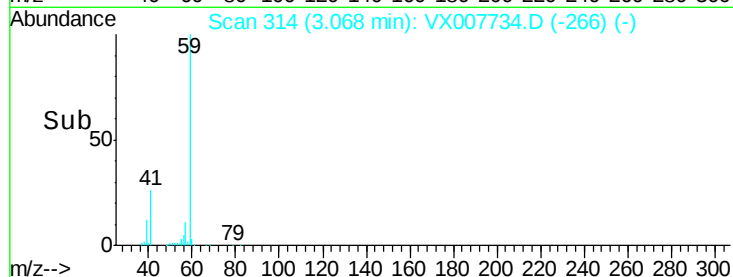
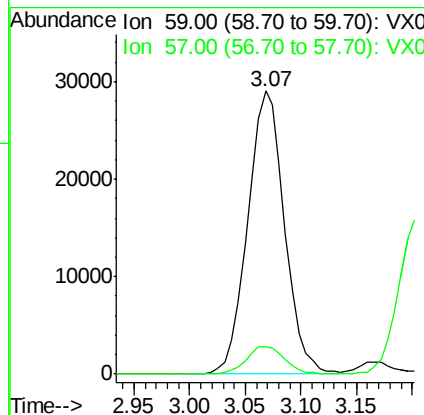
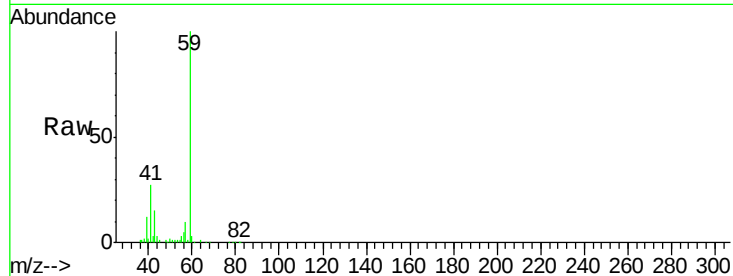
Tert butyl alcohol
Concen: 97.780 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

Manual Integrations
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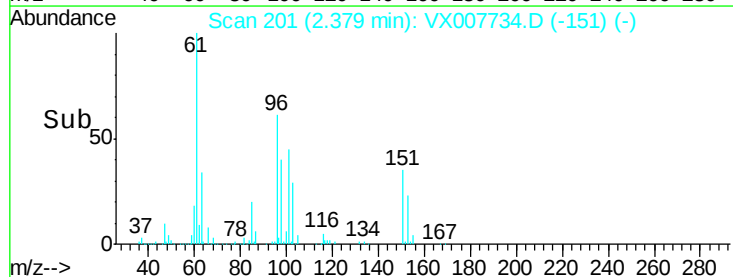
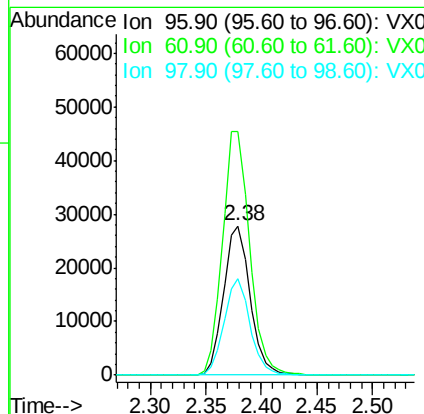
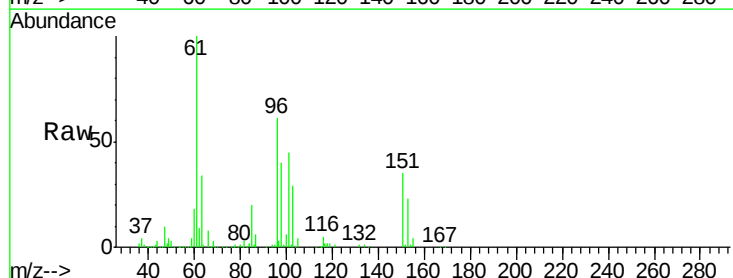
MMDadoda
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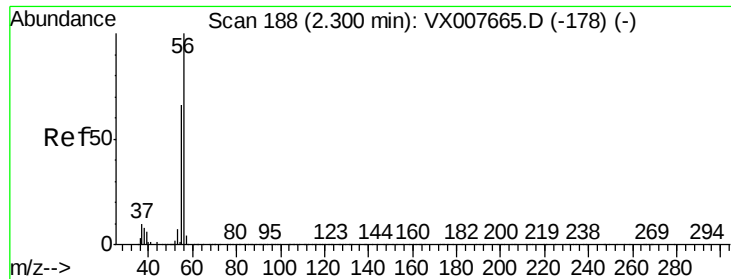


#12

1,1-Dichloroethene
Concen: 18.134 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.5	123.0	184.4
98	65.2	50.9	76.3





#13

Acrolein

Concen: 81.777 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 56 Resp: 49636

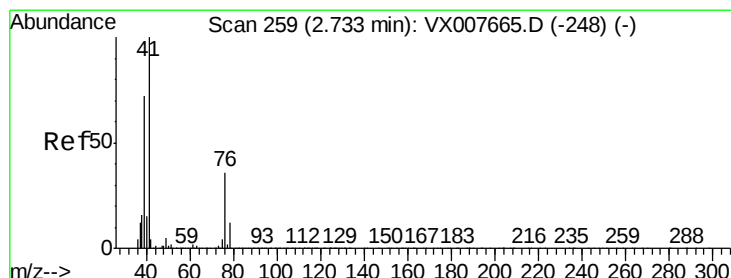
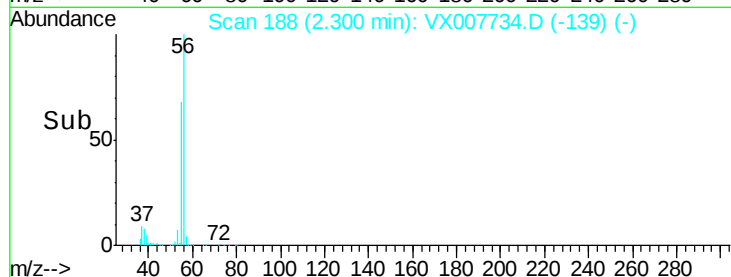
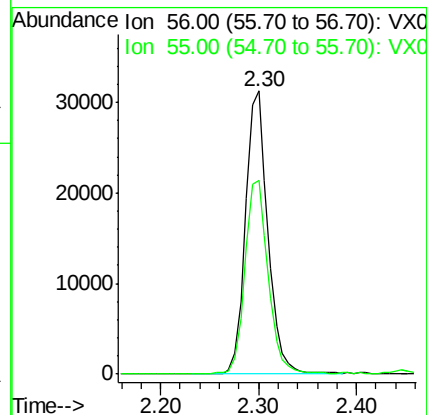
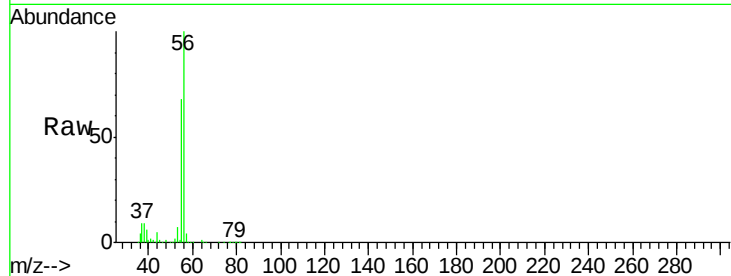
Ion Ratio Lower Upper

56 100

55 70.2 56.9 85.3

Manual Integrations
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2/28/2019 12:22:48 PM



#14

Allyl chloride

Concen: 20.076 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

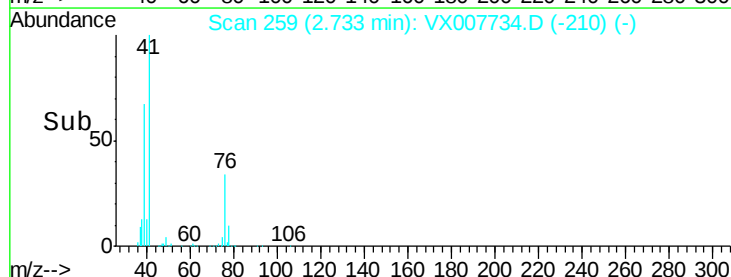
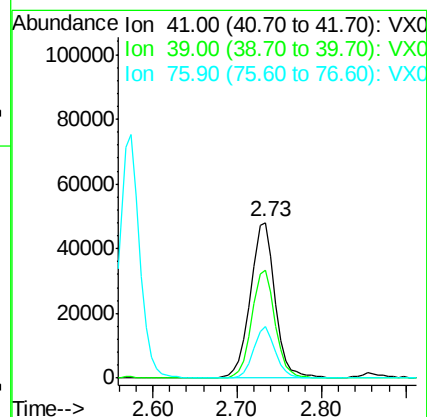
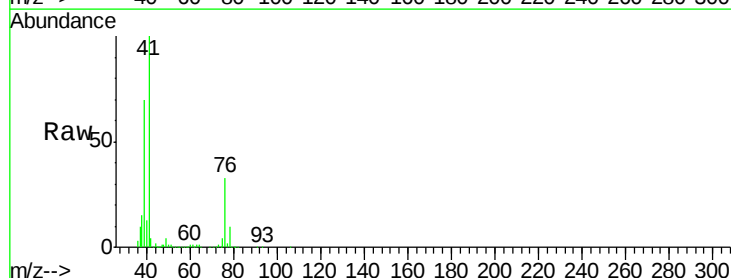
Tgt Ion: 41 Resp: 94372

Ion Ratio Lower Upper

41 100

39 64.7 54.1 81.1

76 29.5 27.8 41.8





#15

Acrylonitrile

Concen: 100.724 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

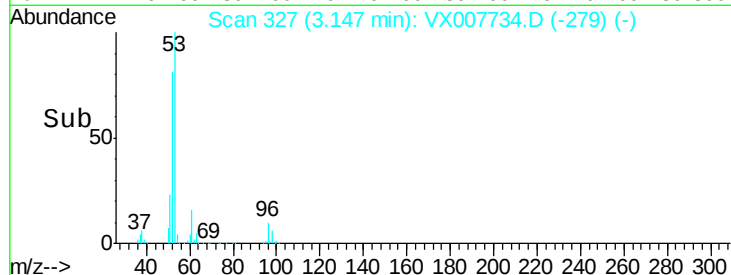
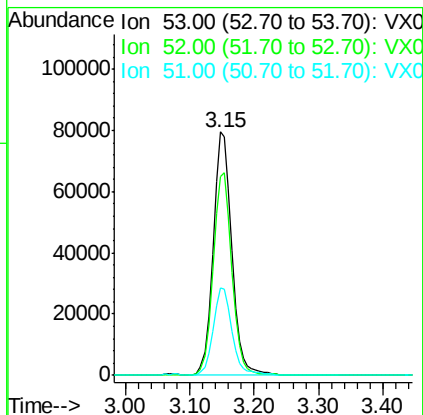
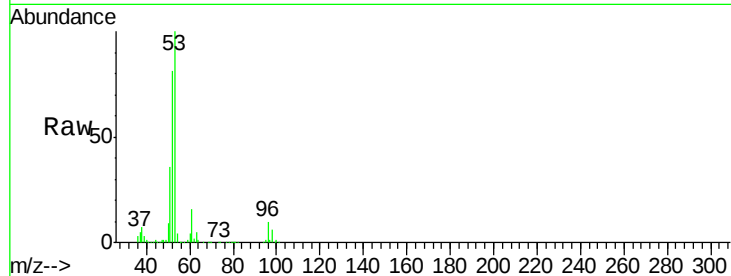
ClientSampleId :

VX0227MBS01

Tot Ion:	53	Resp:	161907
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.4	99.6
51	36.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 95.913 ug/l

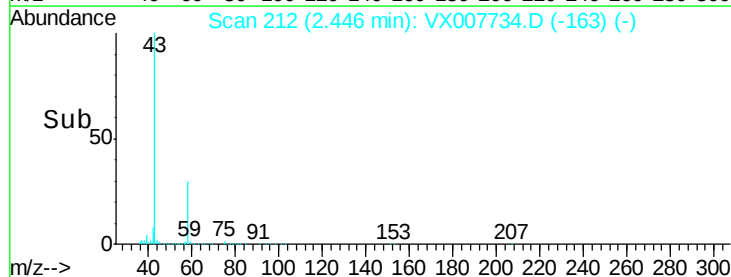
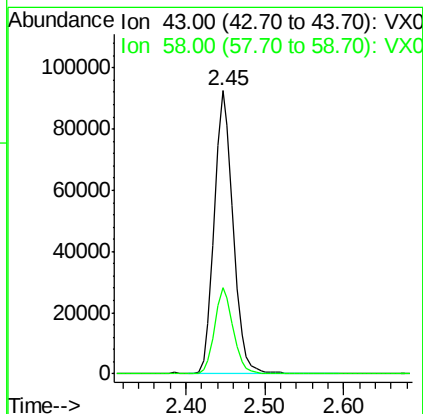
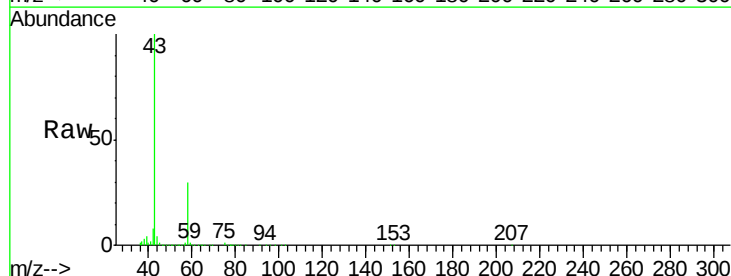
RT: 2.45 min Scan# 212

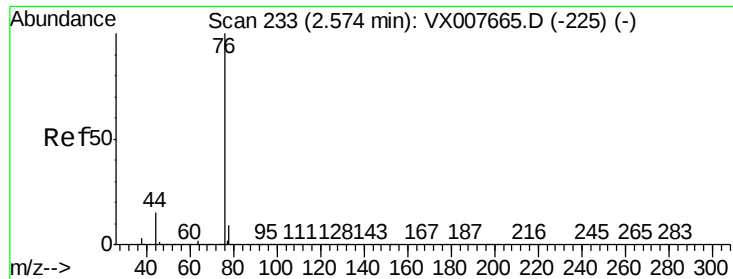
Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion:	43	Resp:	153552
Ion Ratio		Lower	Upper
43	100		
58	30.5	24.9	37.3





#17

Carbon Disulfide

Concen: 17.595 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 76 Resp: 124443

Ion Ratio Lower Upper

76 100

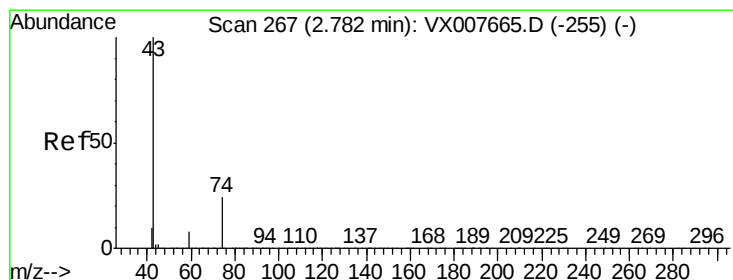
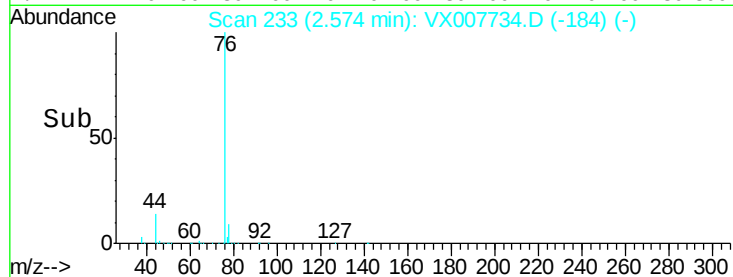
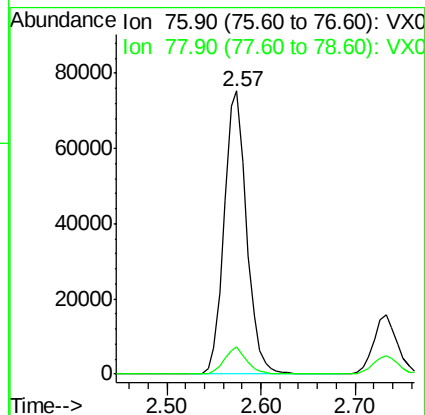
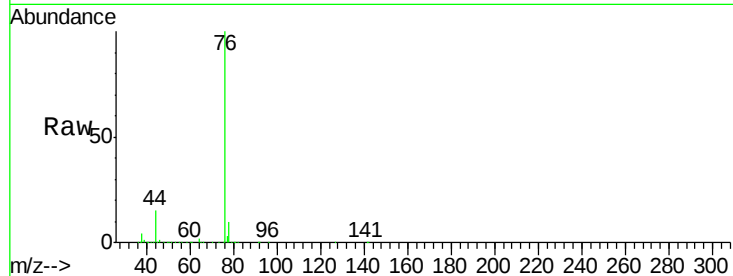
78 9.4 7.1 10.7

Manual Integrations

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2/28/2019 12:22:48 PM



#18

Methyl Acetate

Concen: 21.342 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007734.D

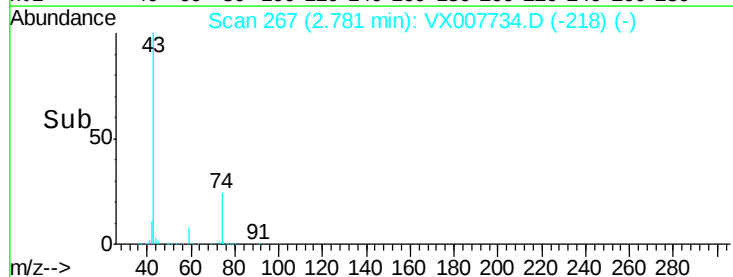
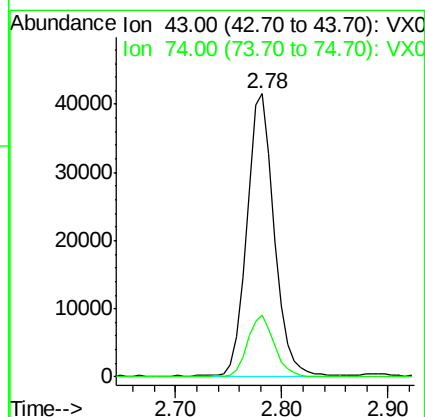
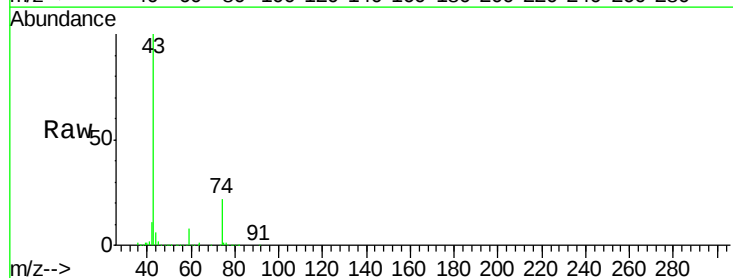
Acq: 27 Feb 2019 15:24

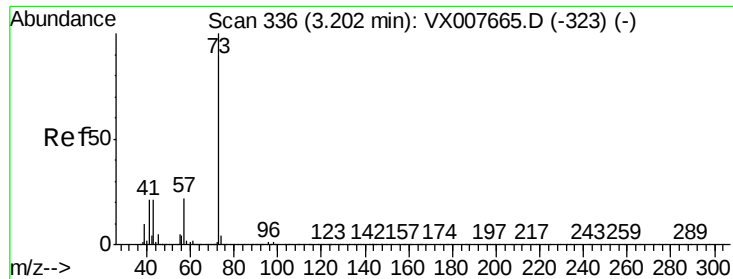
Tgt Ion: 43 Resp: 74556

Ion Ratio Lower Upper

43 100

74 22.0 19.4 29.2





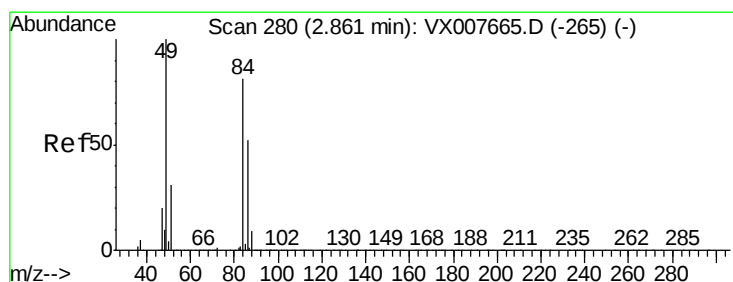
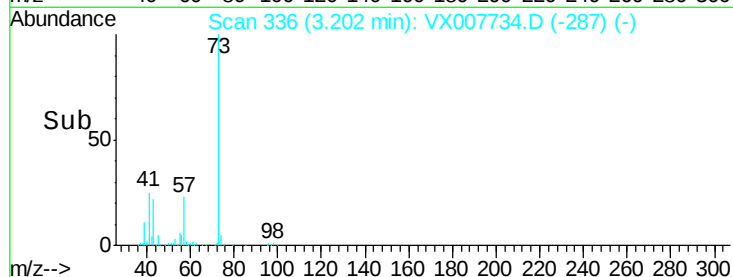
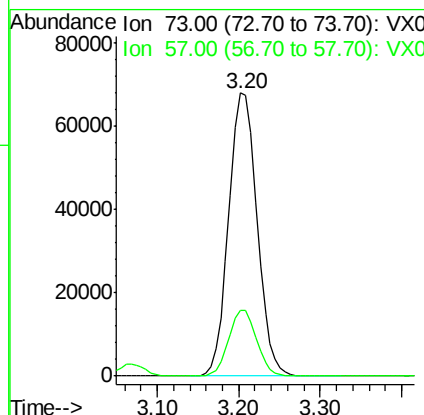
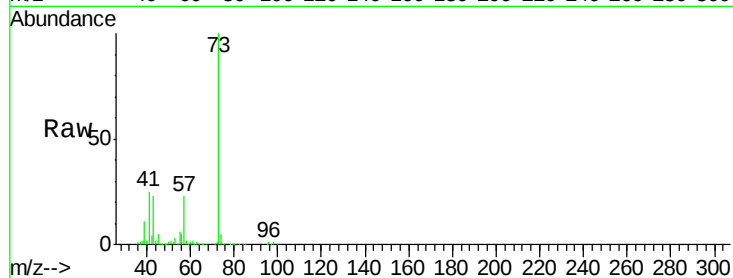
#19
Methyl tert-butyl Ether
Concen: 18.511 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	17.8	26.8

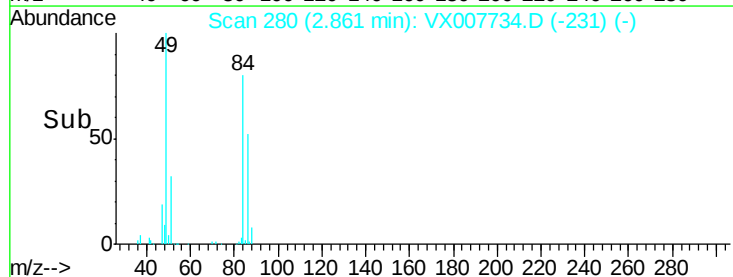
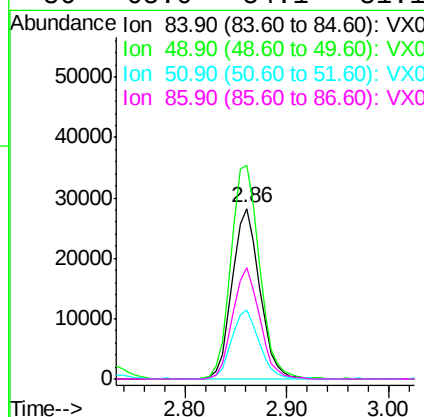
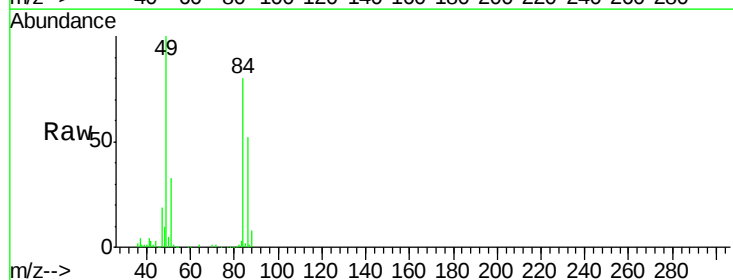
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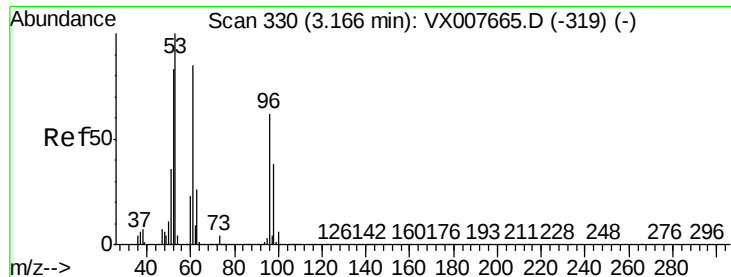
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#20
Methylene Chloride
Concen: 17.845 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	94.8	142.2
51	40.8	29.8	44.8
86	65.0	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 17.758 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

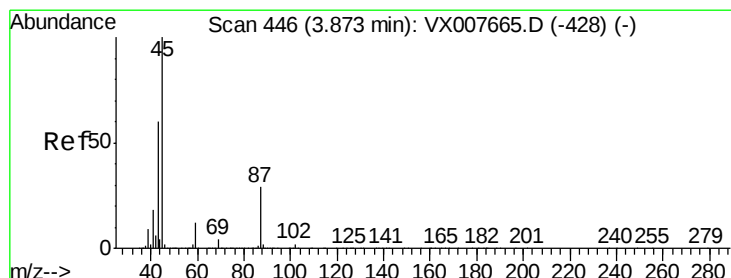
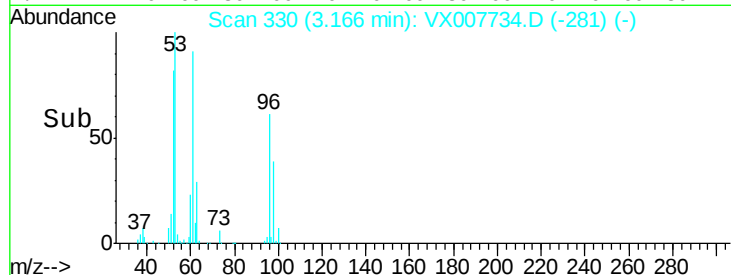
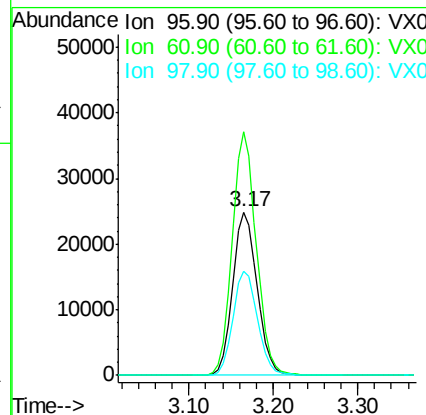
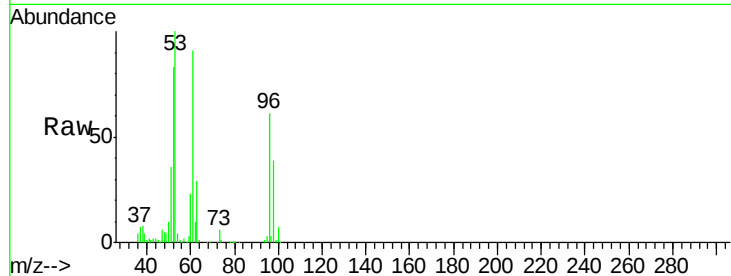
ClientSampleId :

VX0227MBS01

Tot Ion:	96	Resp:	49078
Ion Ratio	Lower	Upper	
96	100		
61	149.1	104.6	156.8
98	63.6	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.096 ug/l

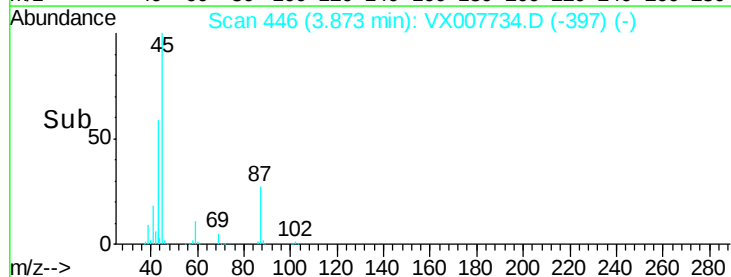
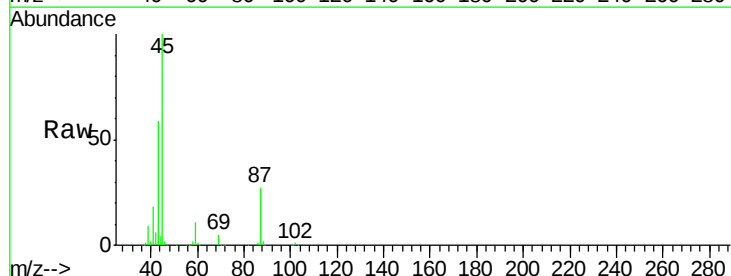
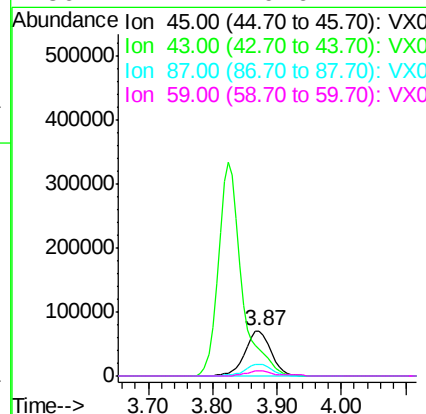
RT: 3.87 min Scan# 446

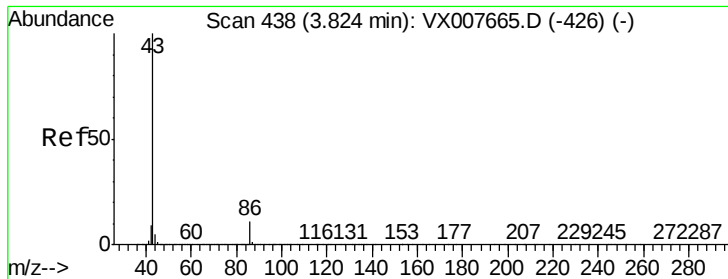
Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion:	45	Resp:	196649
Ion Ratio	Lower	Upper	
45	100		
43	58.7	48.9	73.3
87	26.9	23.9	35.9
59	11.1	9.6	14.4





#23

Vinyl Acetate

Concen: 98.482 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 43 Resp: 845496

Ion Ratio Lower Upper

43 100

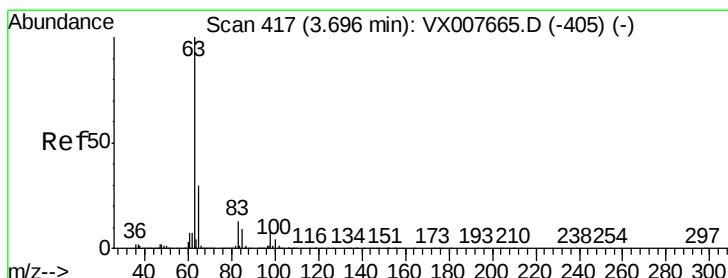
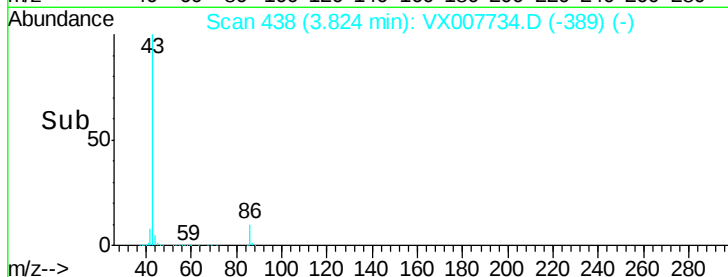
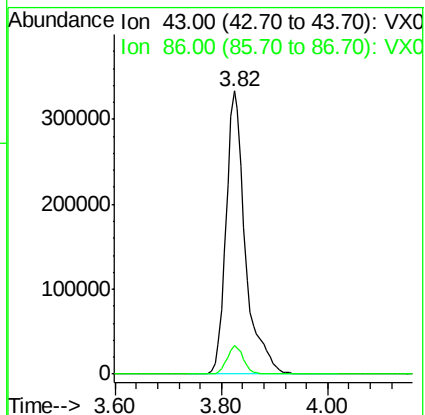
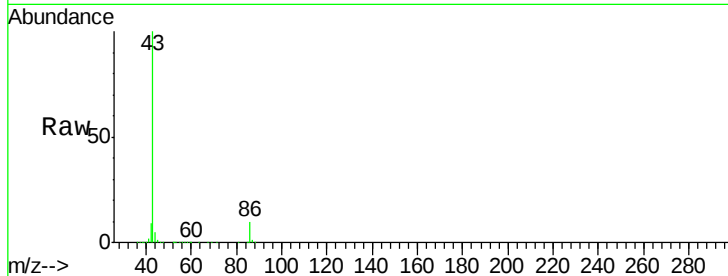
86 10.0 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.030 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

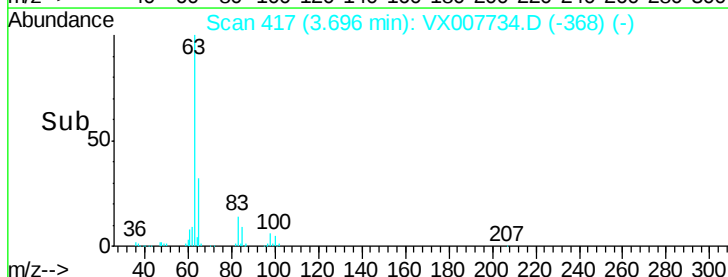
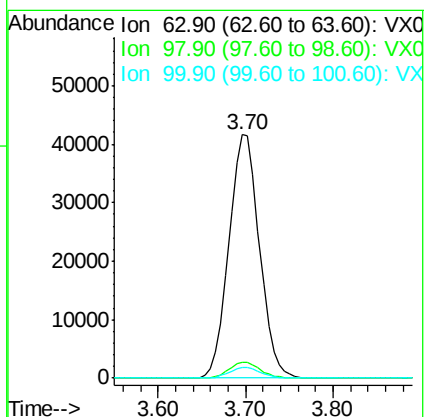
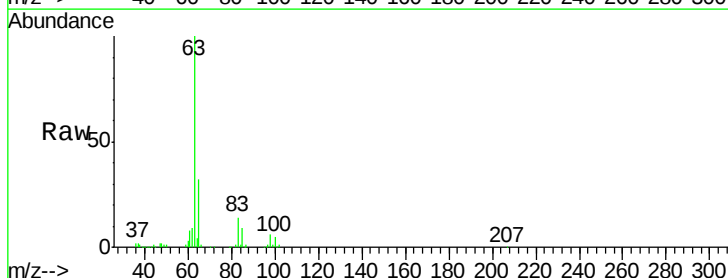
Tgt Ion: 63 Resp: 101203

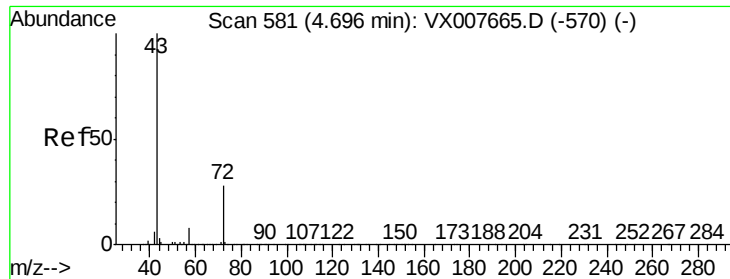
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 103.102 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tot Ion: 43 Resp: 251430

Ion Ratio Lower Upper

43 100

72 24.0 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

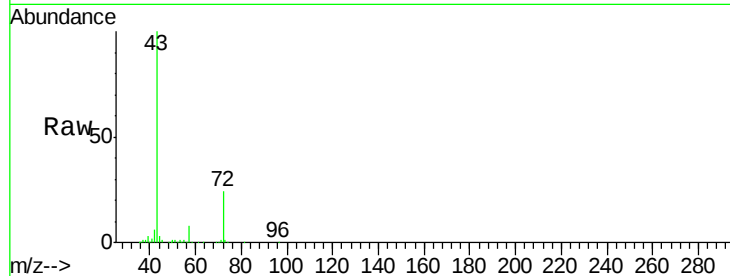
VX0227MBS01

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2/28/2019 12:22:48 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

100000

80000

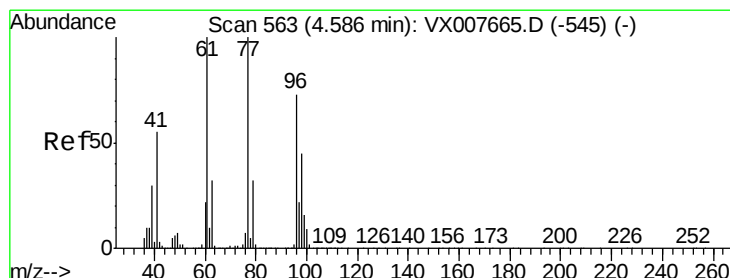
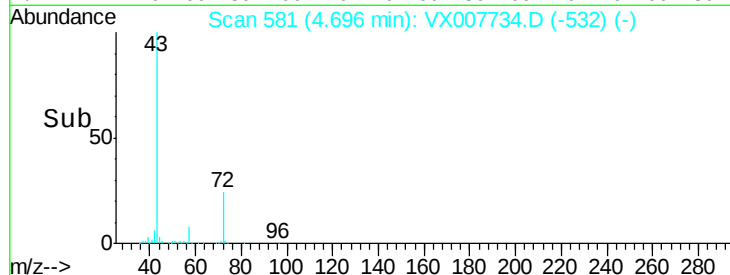
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 17.061 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007734.D

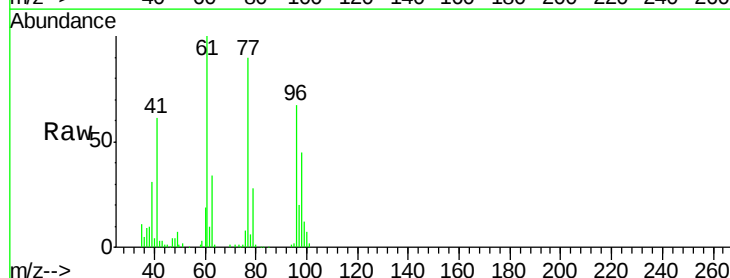
Acq: 27 Feb 2019 15:24

Tgt Ion: 77 Resp: 72428

Ion Ratio Lower Upper

77 100

97 23.5 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

25000

20000

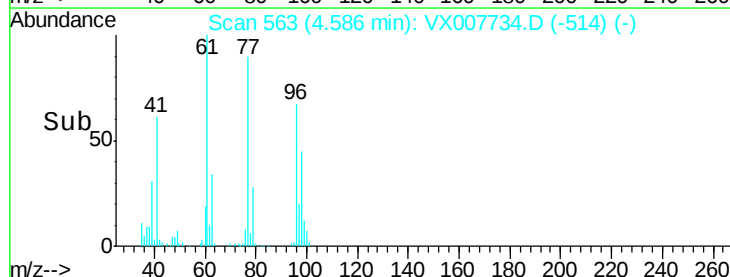
15000

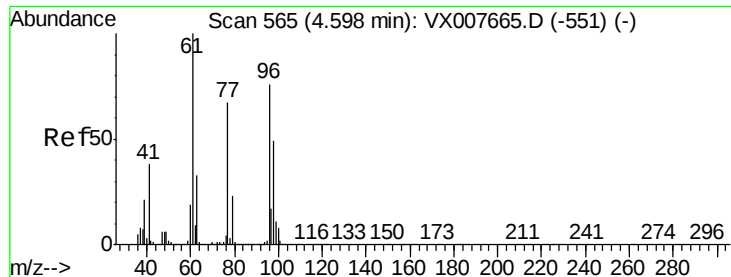
10000

5000

0

Time-->





#27

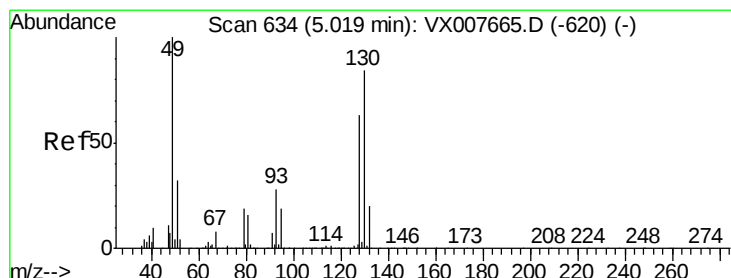
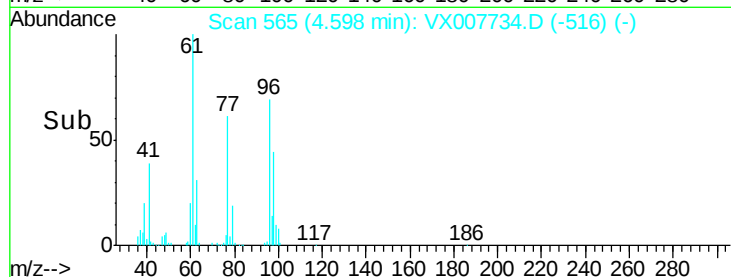
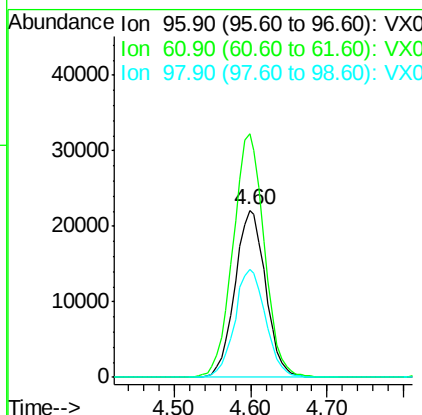
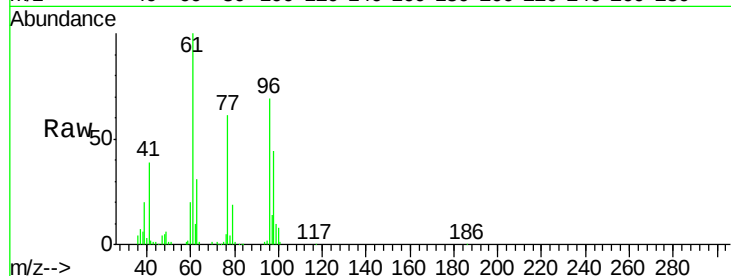
cis-1,2-Dichloroethene
Concen: 17.478 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	265.6
98	65.2	0.0	131.6

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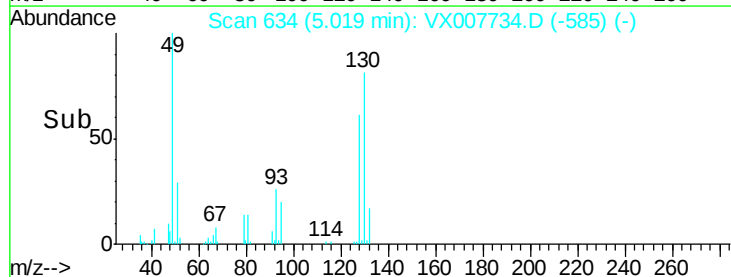
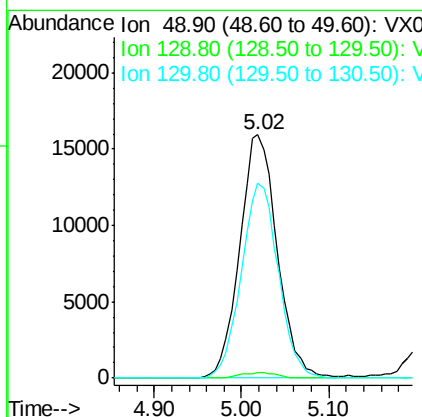
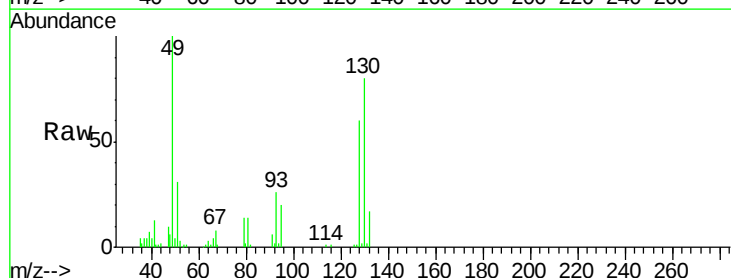
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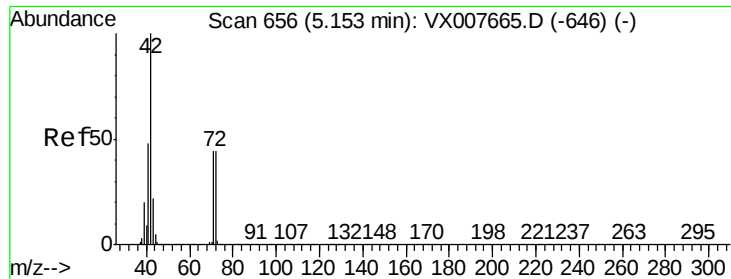


#28

Bromochloromethane
Concen: 18.363 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.6
130	79.0	75.6	113.4





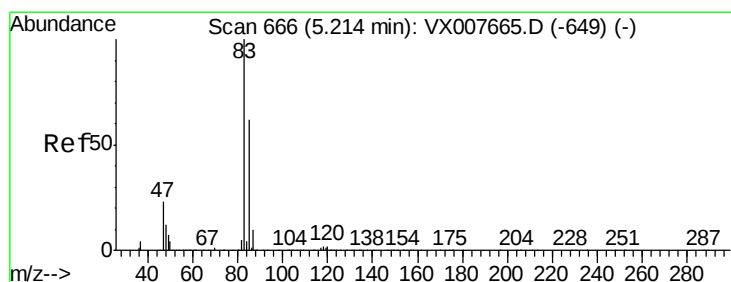
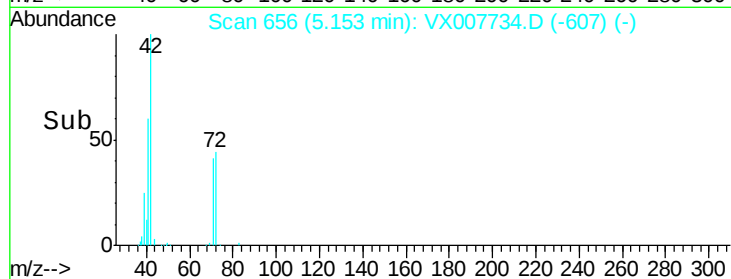
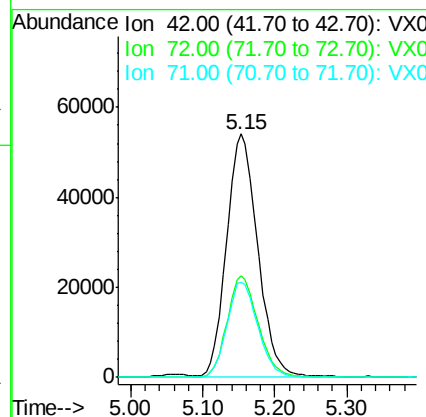
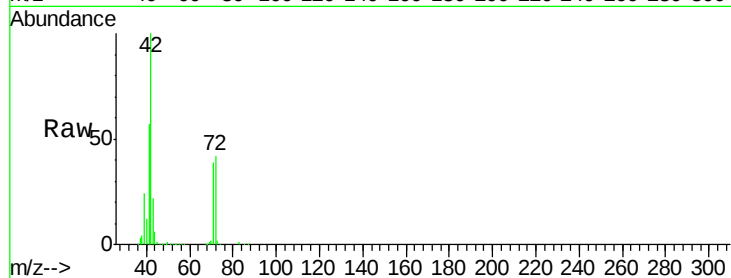
#29
Tetrahydrofuran
Concen: 100.548 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	37.6	56.4
71	39.2	34.6	51.8

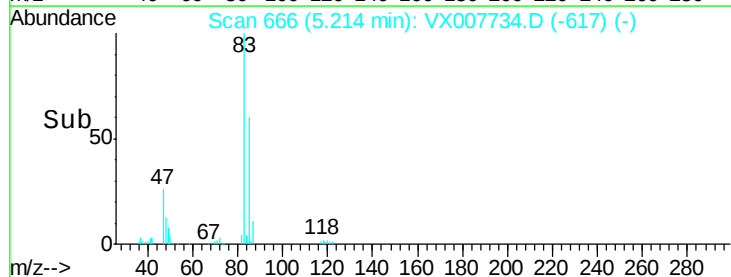
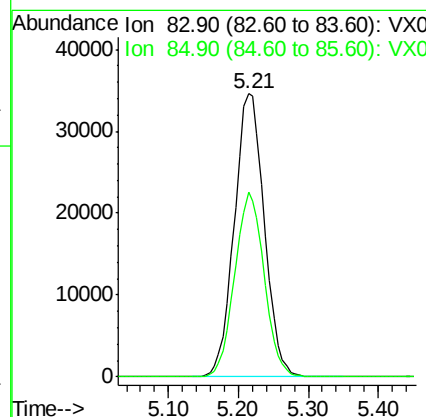
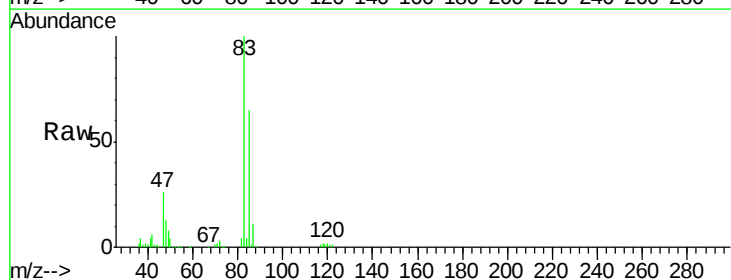
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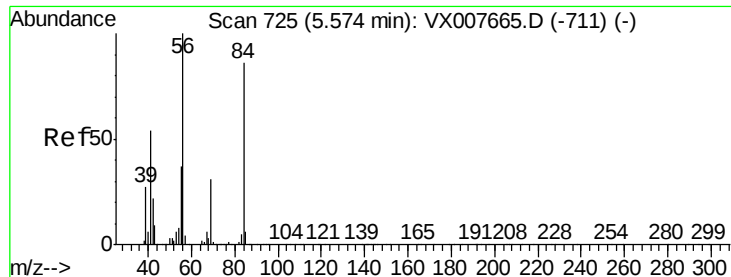
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2/28/2019 12:22:48 PM



#30
Chloroform
Concen: 18.052 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.6	77.4





#31

Cyclohexane

Concen: 18.315 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

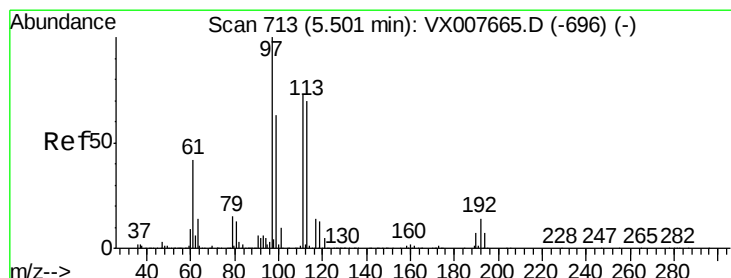
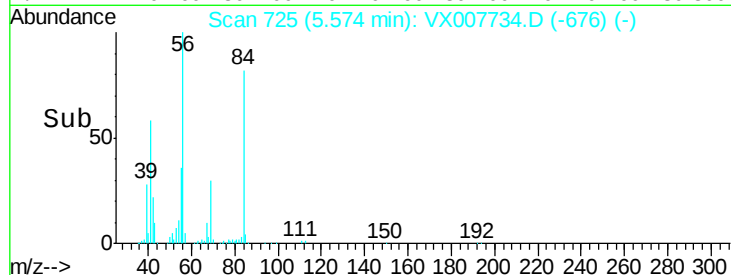
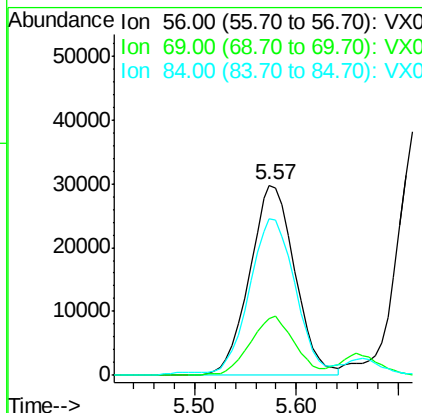
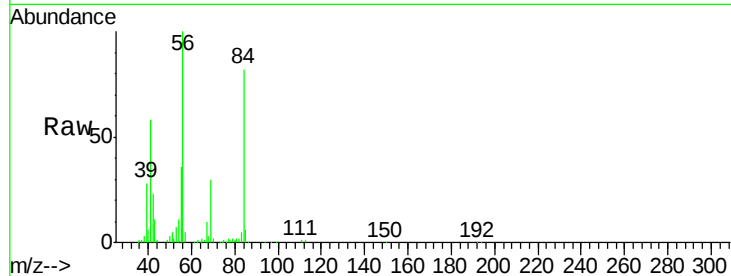
ClientSampleId :

VX0227MBS01

Tot Ion:	56	Resp:	91622
Ion Ratio	Lower	Upper	
56	100		
69	29.8	23.0	34.6
84	80.7	69.8	104.6

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2/28/2019 12:22:48 PM



#32

1,1,1-Trichloroethane

Concen: 18.228 ug/l

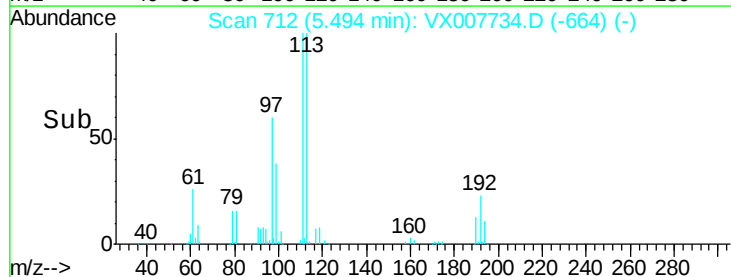
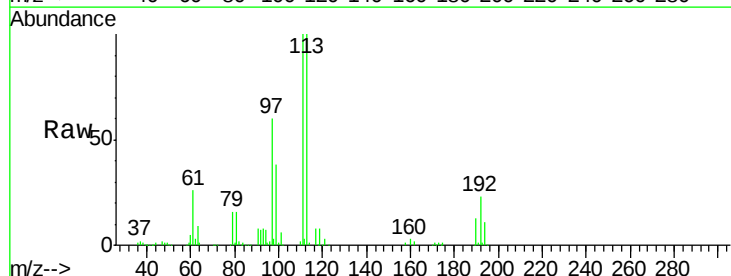
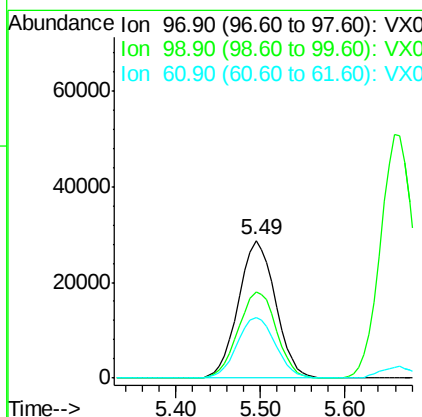
RT: 5.49 min Scan# 712

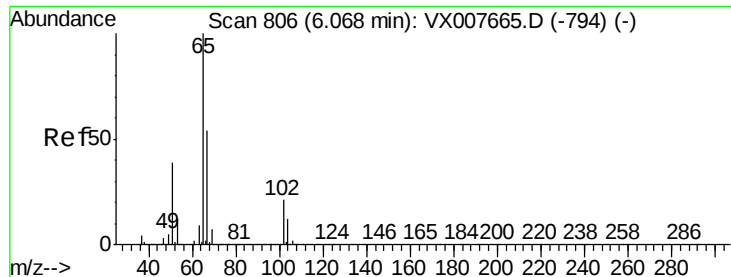
Delta R.T. -0.01 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion:	97	Resp:	85876
Ion Ratio	Lower	Upper	
97	100		
99	64.8	52.2	78.2
61	45.7	32.7	49.1





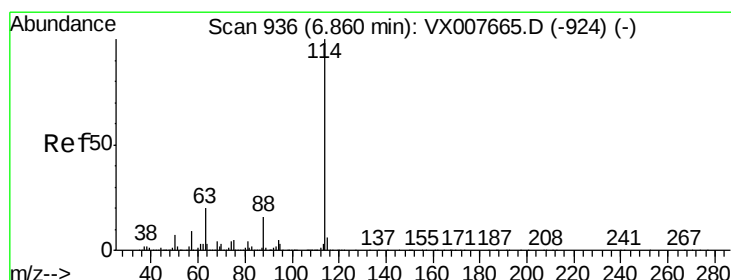
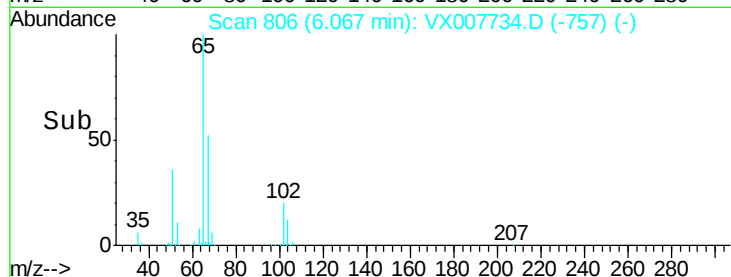
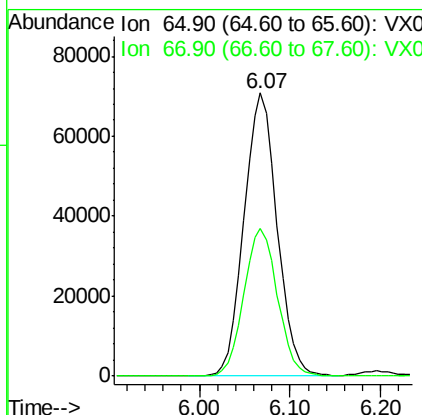
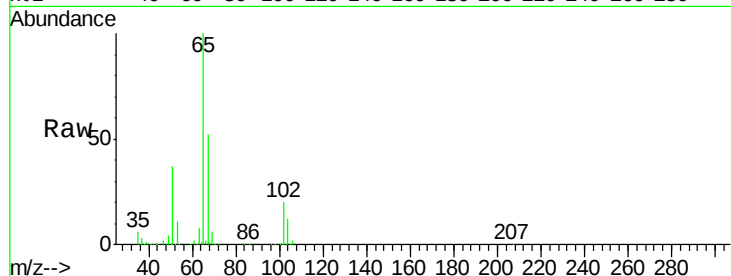
#33
 1,2-Dichloroethane-d4
 Concen: 49.859 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	108.8

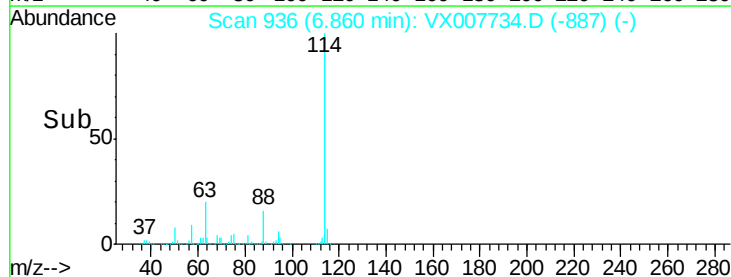
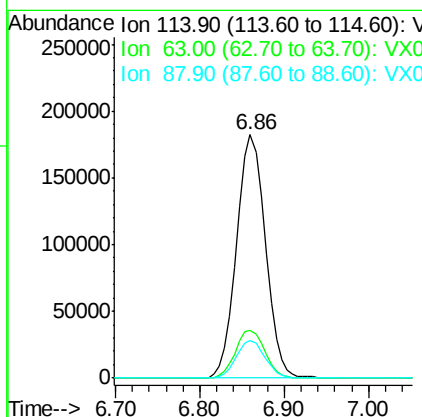
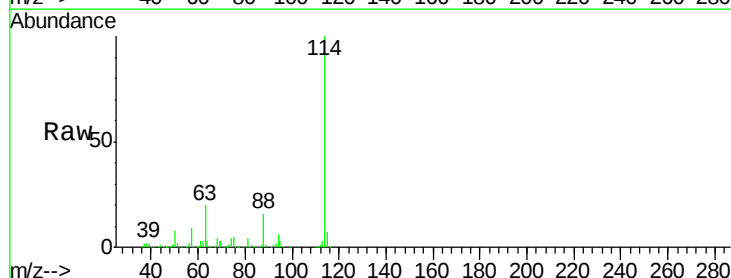
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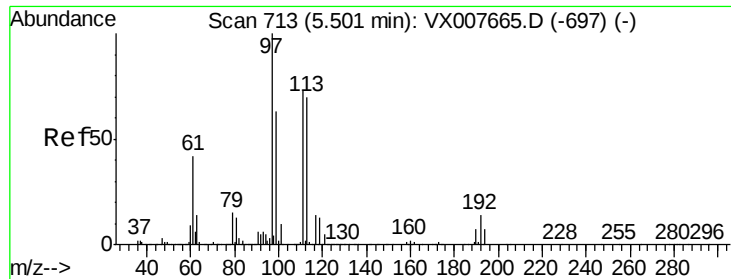
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	35.6
88	15.6	0.0	29.6





#35

Dibromofluoromethane

Concen: 51.880 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

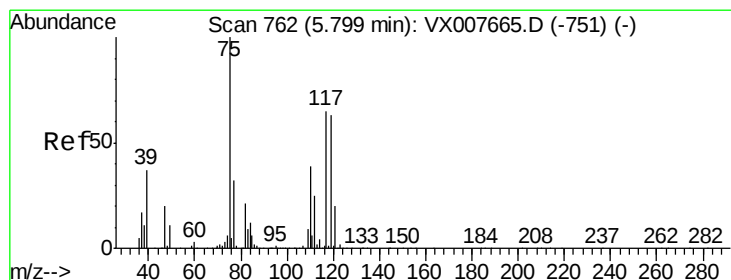
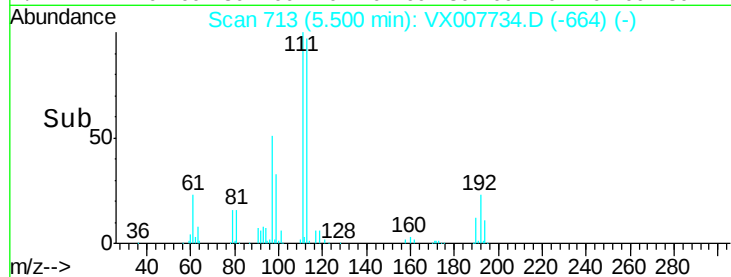
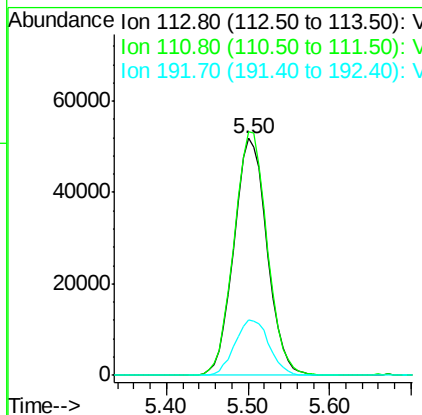
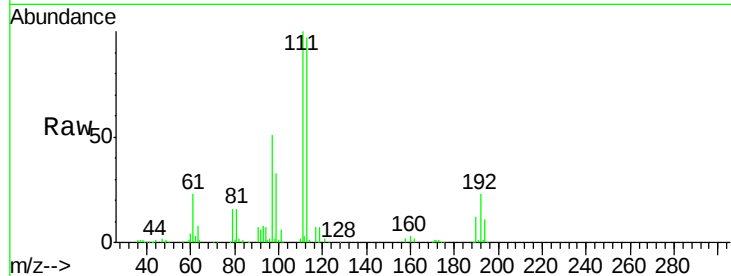
ClientSampleId :

VX0227MBS01

Tot Ion:	113	Resp:	146299
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.8	122.8
192	24.1	18.5	27.7

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2/28/2019 12:22:48 PM



#36

1,1-Dichloropropene

Concen: 19.767 ug/l

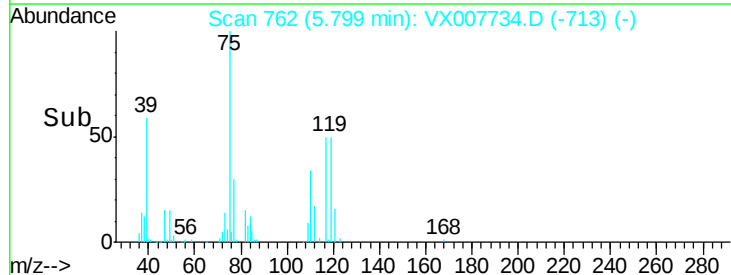
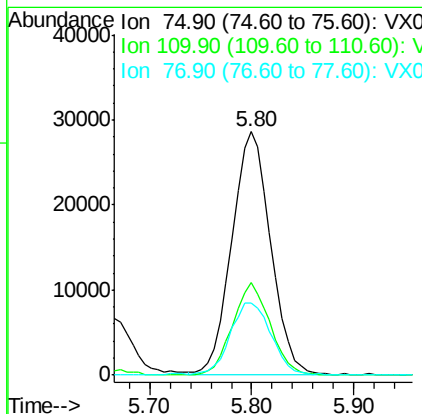
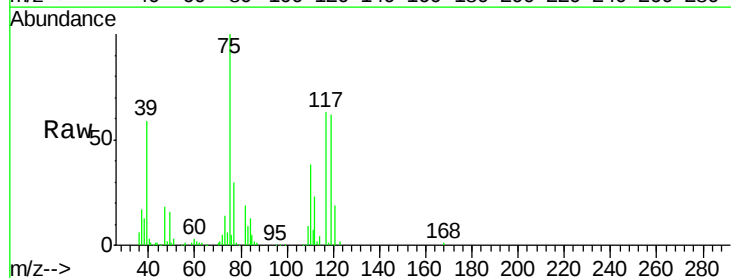
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion:	75	Resp:	74968
Ion Ratio	Lower	Upper	
75	100		
110	37.0	20.0	59.9
77	31.8	24.7	37.1





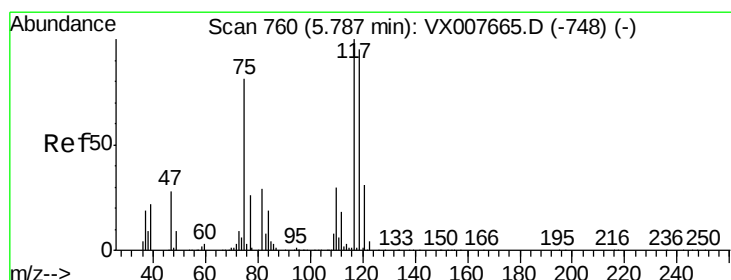
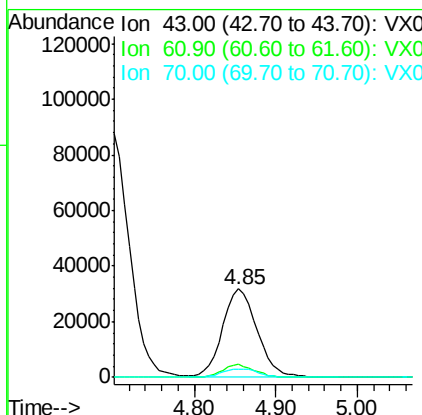
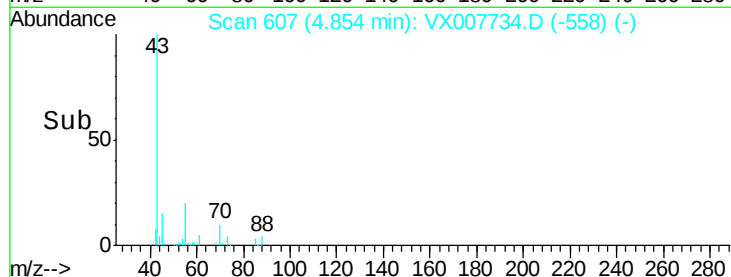
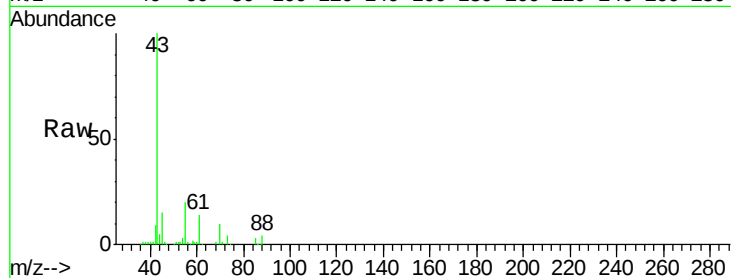
#37
Ethyl Acetate
Concen: 21.906 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	43	Resp	92288
Ion Ratio	Lower	Upper	
43	100		
61	14.0	11.3	16.9
70	10.3	8.6	13.0

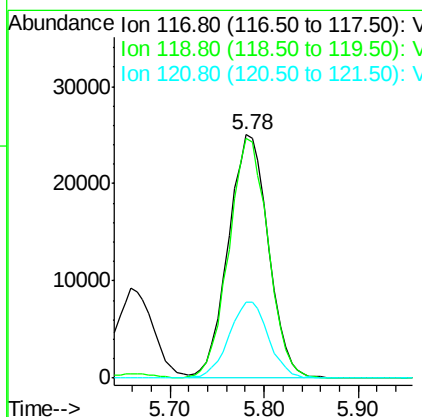
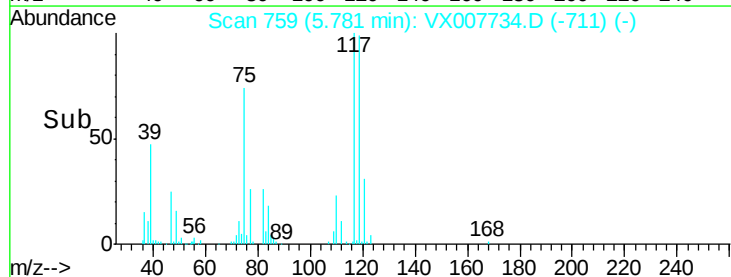
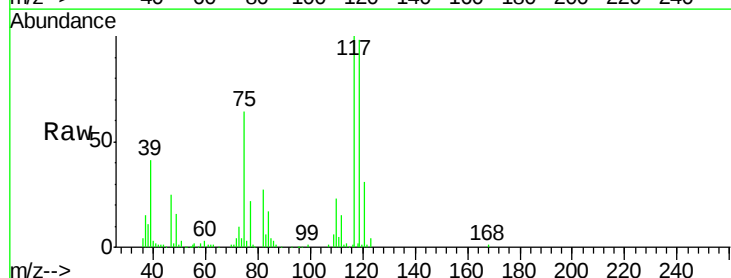
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2/28/2019 12:22:48 PM



#38
Carbon Tetrachloride
Concen: 19.490 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion	117	Resp	74253
Ion Ratio	Lower	Upper	
117	100		
119	98.5	75.3	112.9
121	31.1	25.0	37.4





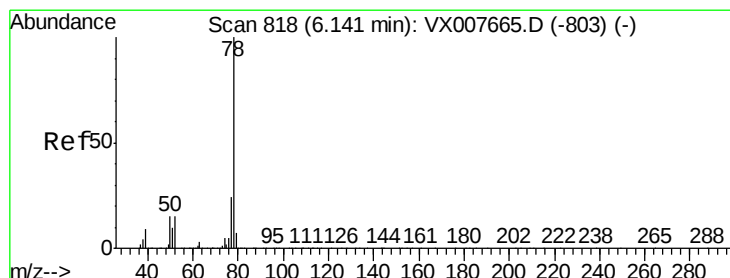
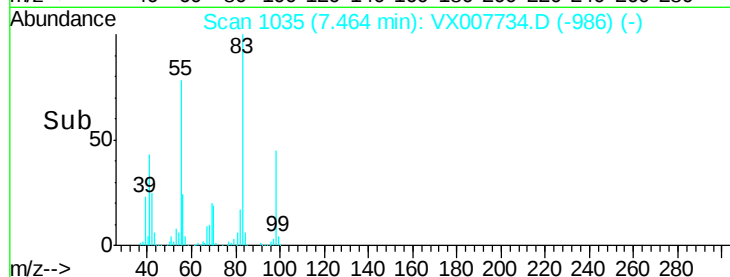
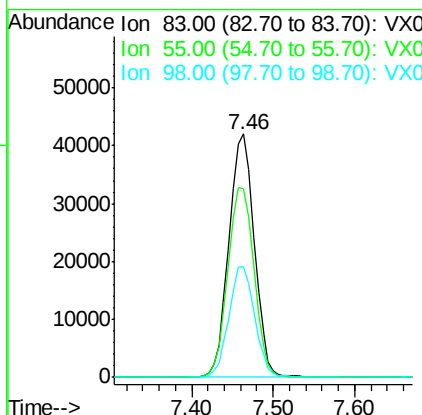
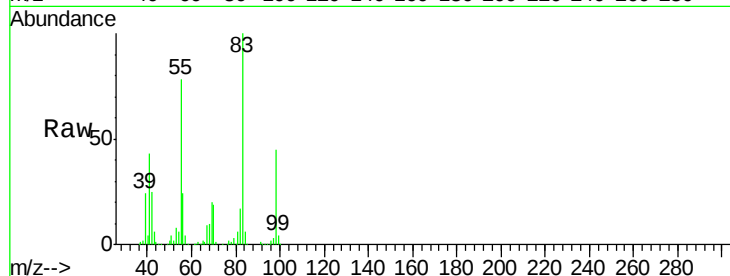
#39
Methylvlcvclohexane
Concen: 18.838 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	56.2	84.2
98	45.5	36.8	55.2

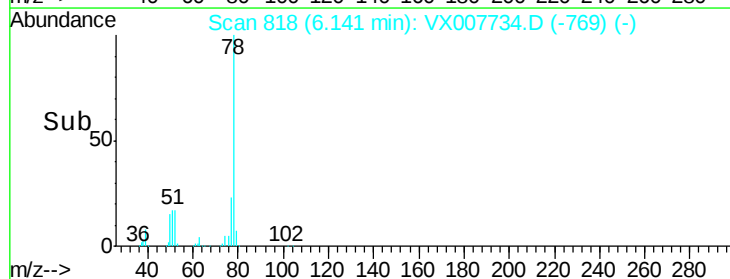
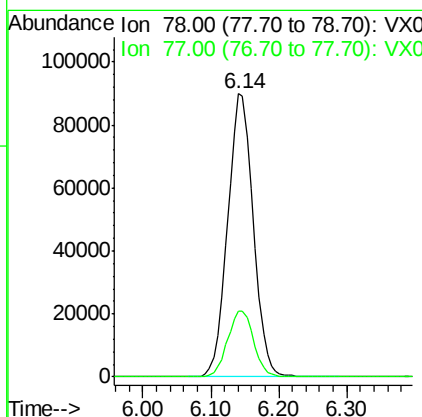
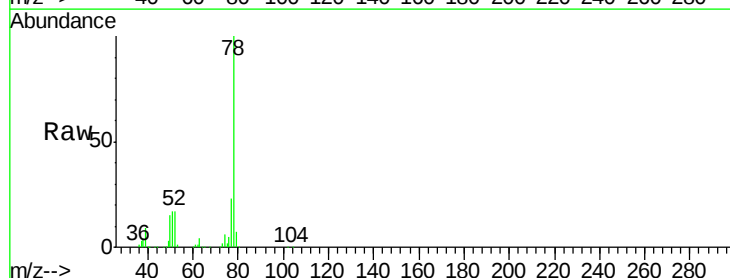
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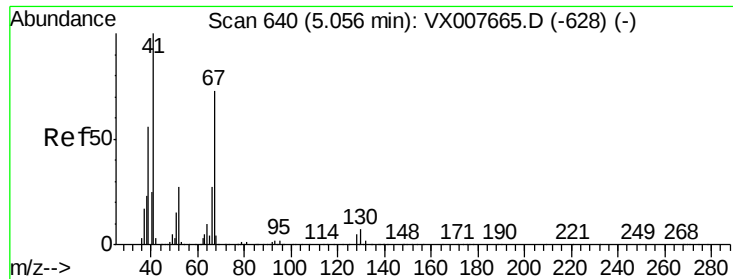
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#40
Benzene
Concen: 20.062 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





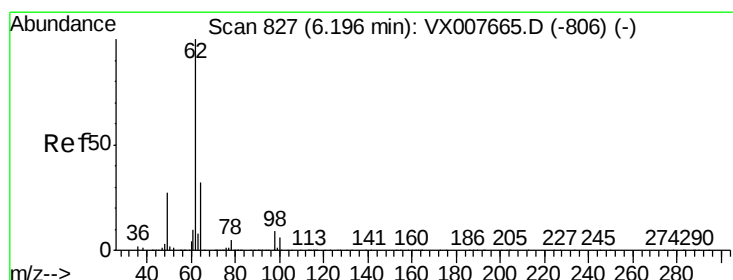
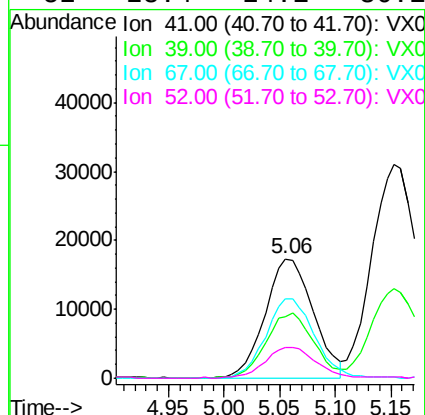
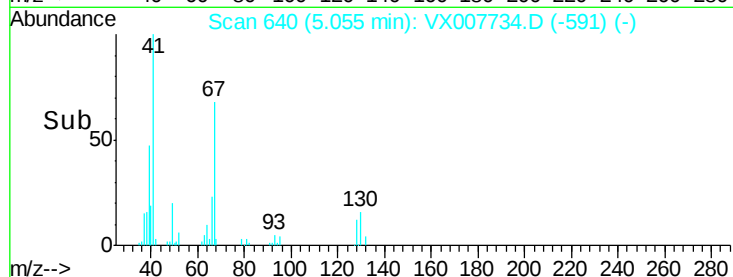
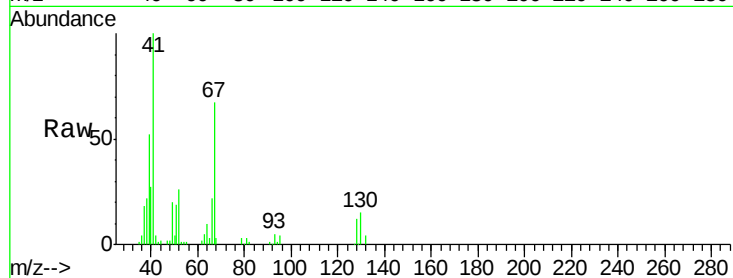
#41
Methacrylonitrile
Concen: 23.252 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.5	66.7
67	67.5	60.4	90.6
52	28.4	24.1	36.1

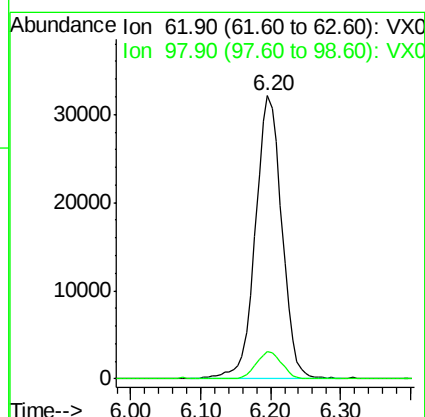
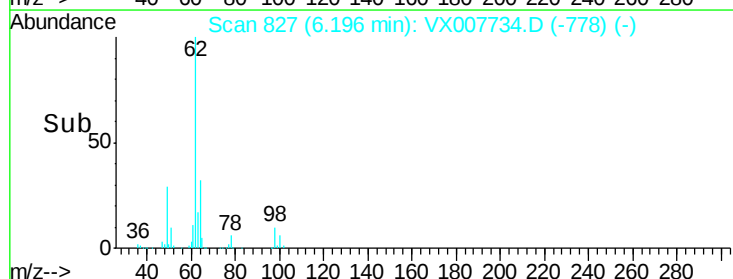
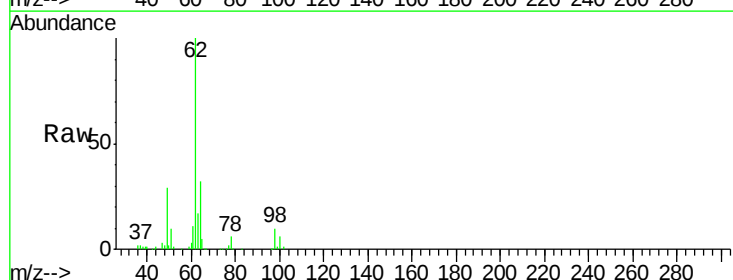
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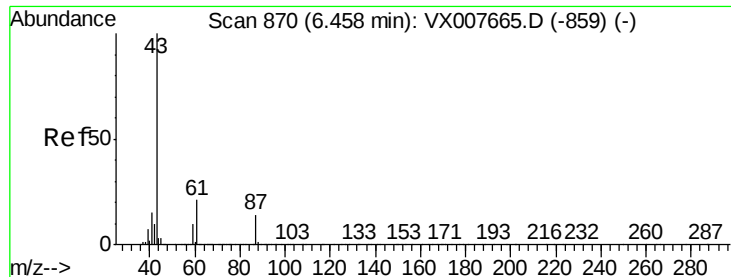
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#42
1,2-Dichloroethane
Concen: 21.337 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 21.746 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

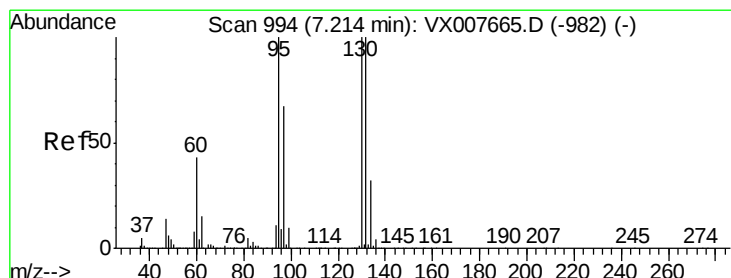
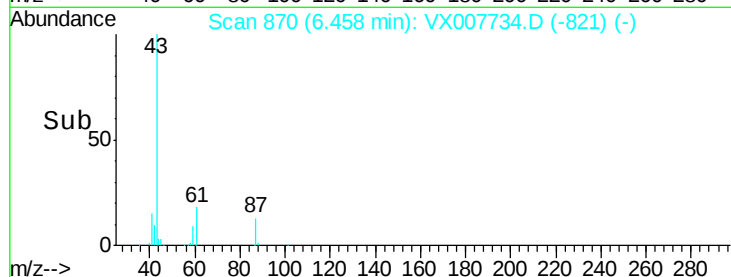
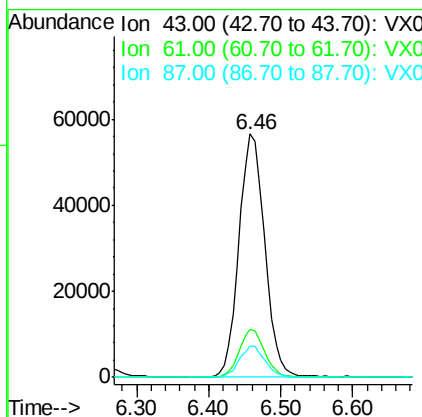
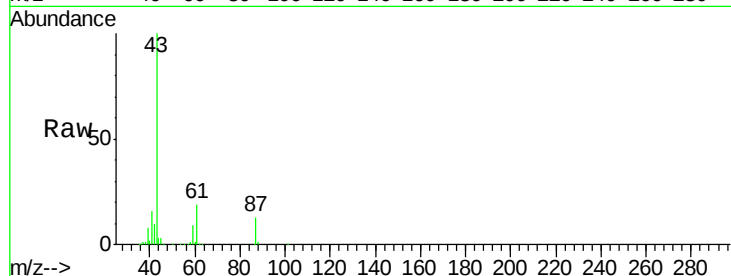
ClientSampleId :

VX0227MBS01

Tot Ion:	43	Resp:	141001
Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.1	24.1
87	12.6	11.5	17.3

Manual Integrations
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2/28/2019 12:22:48 PM



#44

Trichloroethene

Concen: 19.907 ug/l

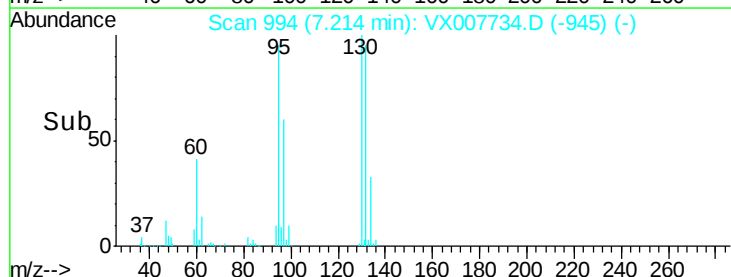
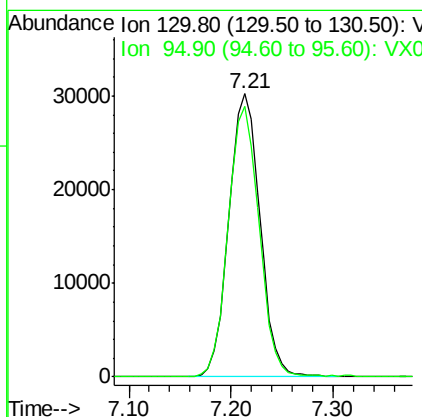
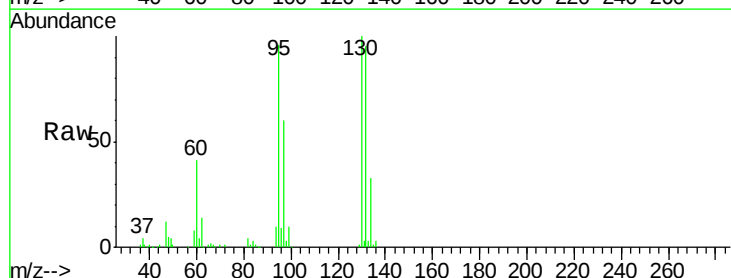
RT: 7.21 min Scan# 994

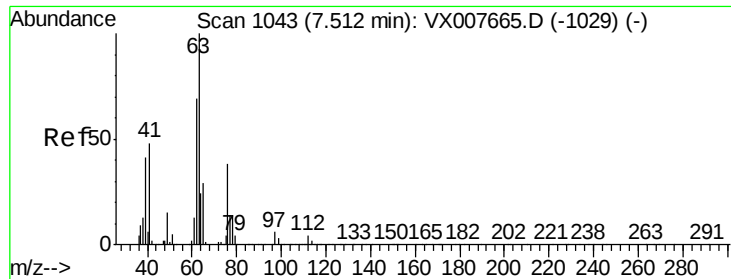
Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion:	130	Resp:	64114
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	180.0





#45

1,2-Dichloropropane

Concen: 20.519 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 63 Resp: 62229

Ion Ratio Lower Upper

63 100

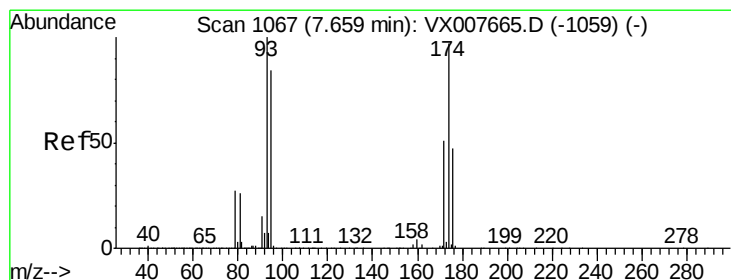
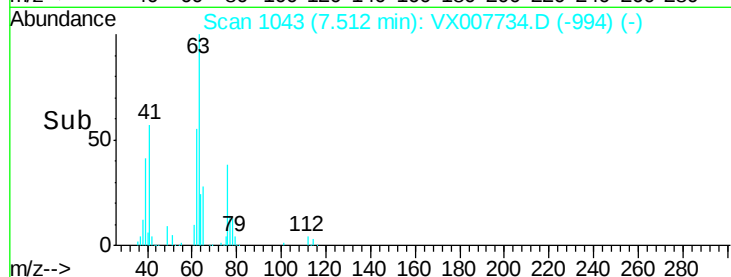
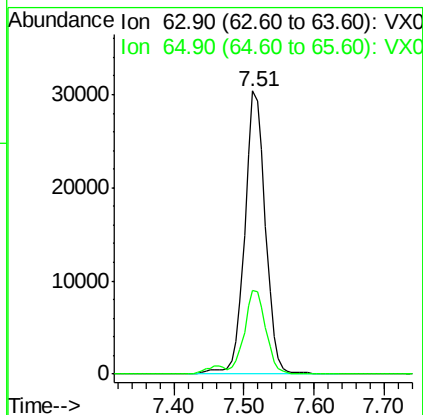
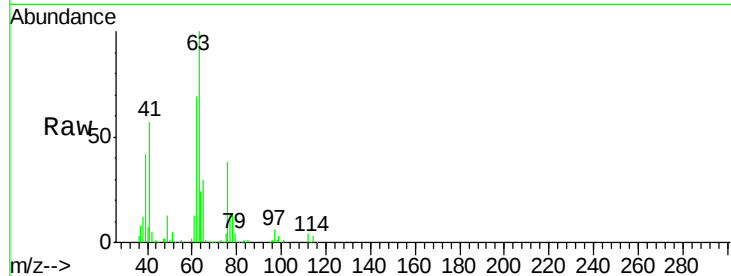
65 29.8 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 18.820 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

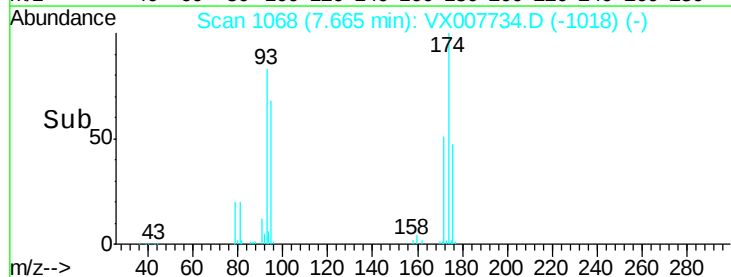
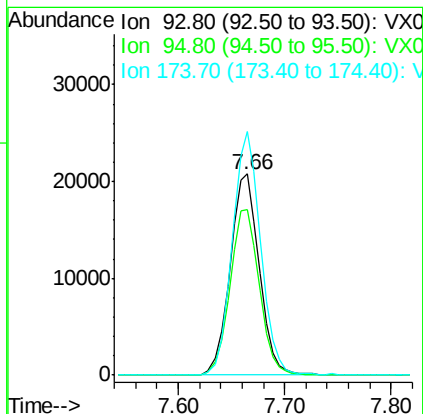
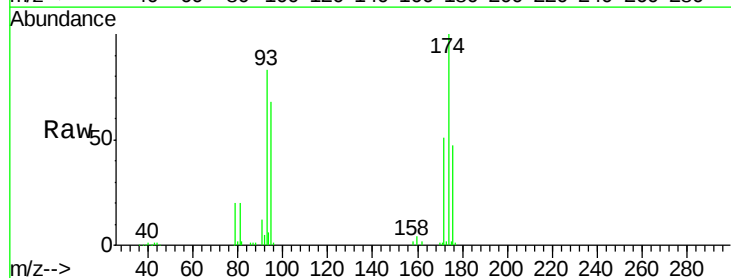
Tgt Ion: 93 Resp: 39819

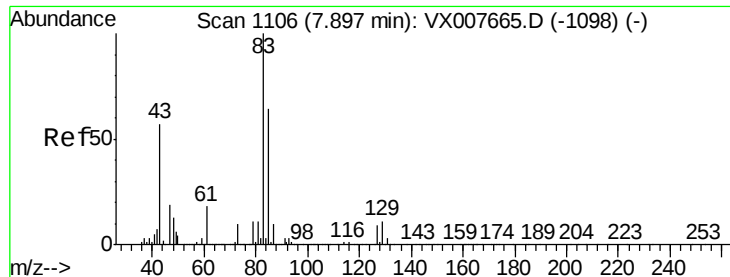
Ion Ratio Lower Upper

93 100

95 83.1 67.6 101.4

174 117.9 94.2 141.4





#47

Bromodichloromethane

Concen: 19.735 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

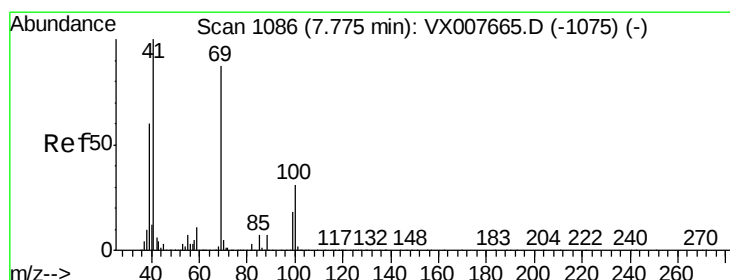
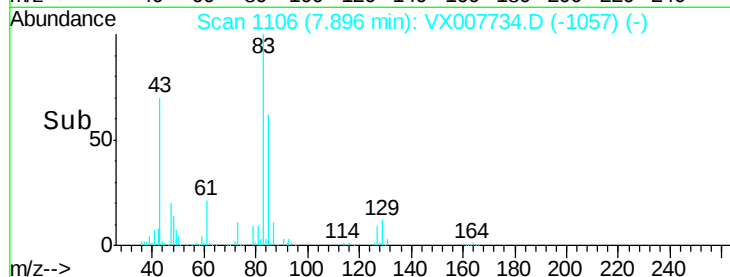
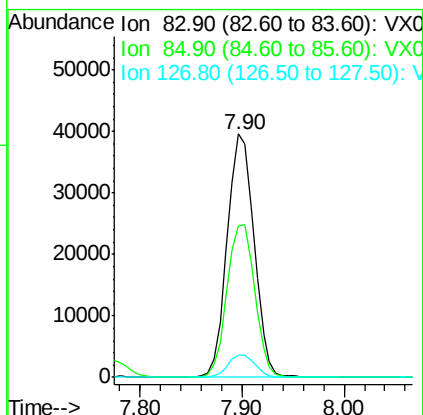
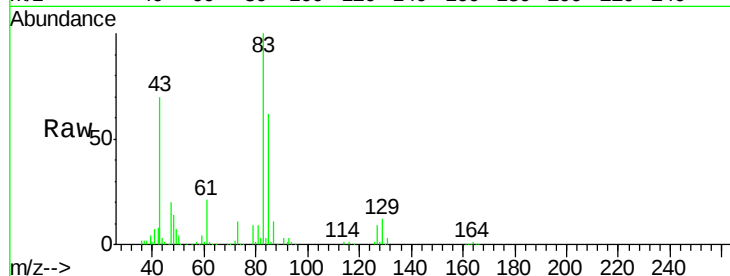
ClientSampleId :

VX0227MBS01

Tot Ion:	83	Resp:	72357
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.4	77.0
127	9.4	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.302 ug/l

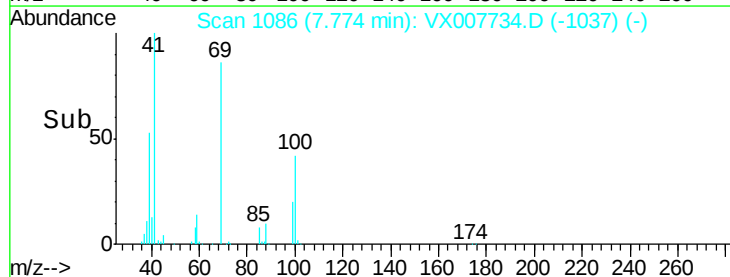
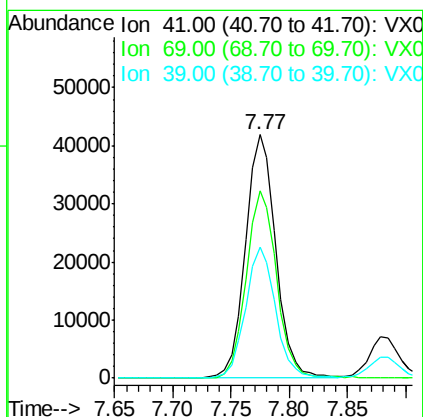
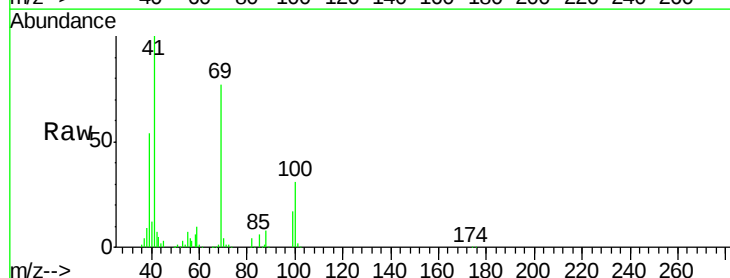
RT: 7.77 min Scan# 1086

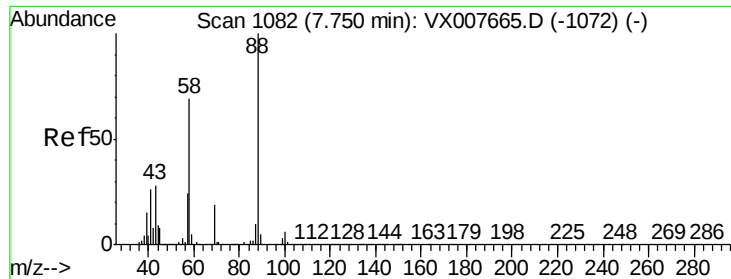
Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion:	41	Resp:	75800
Ion	Ratio	Lower	Upper
41	100		
69	77.8	70.2	105.4
39	53.1	47.4	71.0





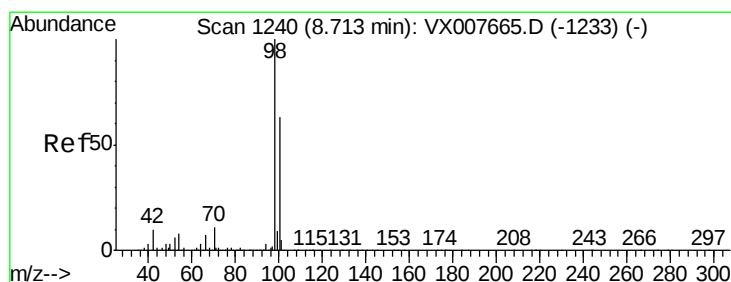
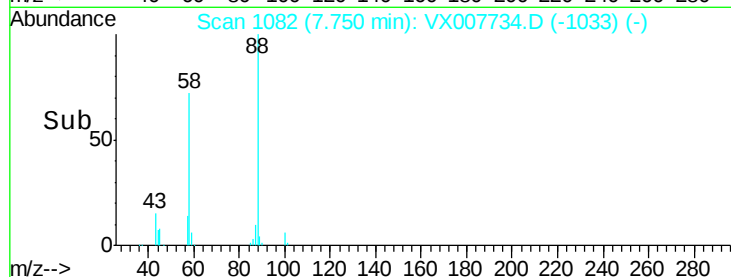
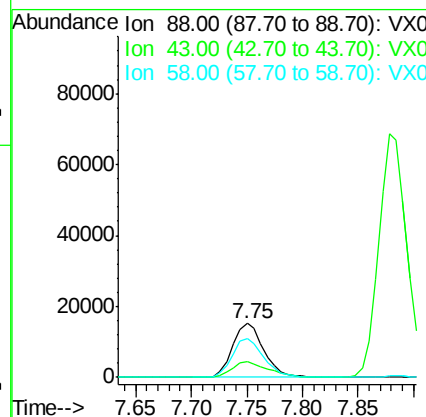
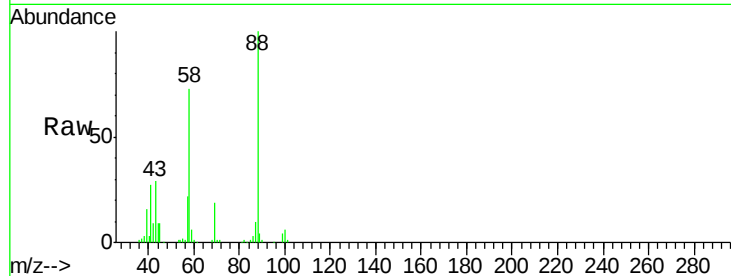
#49
1,4-Dioxane
Concen: 402.624 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	24.2	36.4
58	73.6	53.0	79.4

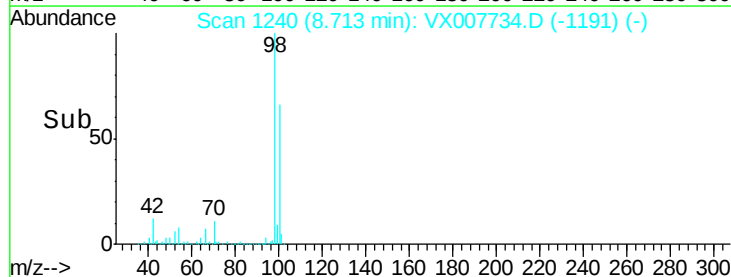
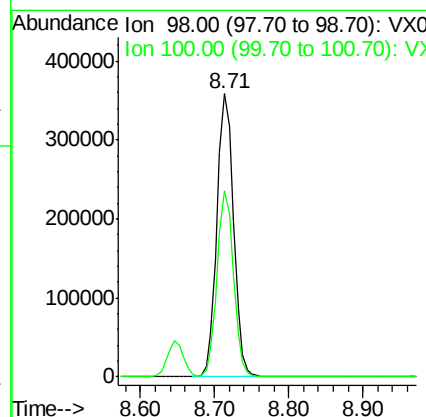
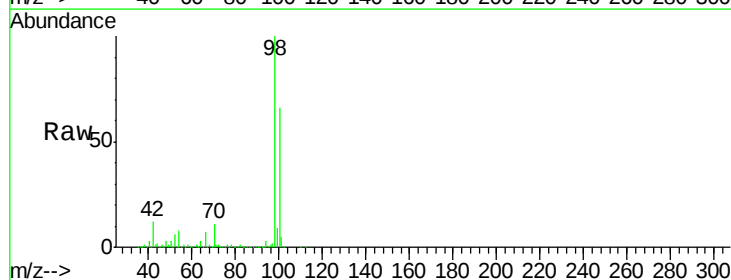
Manual Integrations
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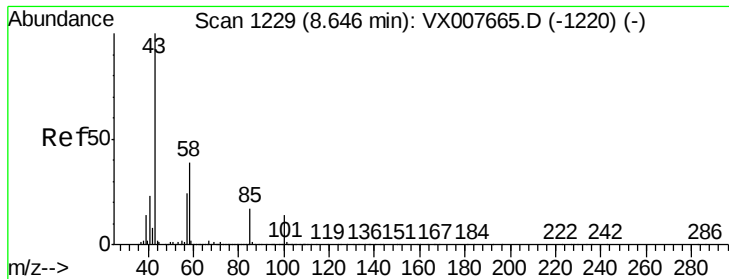
MMDadoda
2/28/2019 12:22:48 PM



#50
Toluene-d8
Concen: 51.116 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 109.801 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 43 Resp: 476565

Ion Ratio Lower Upper

43 100

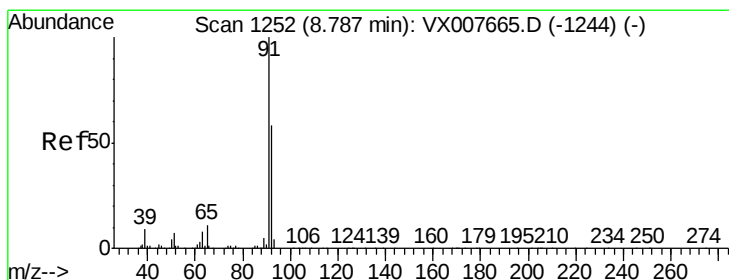
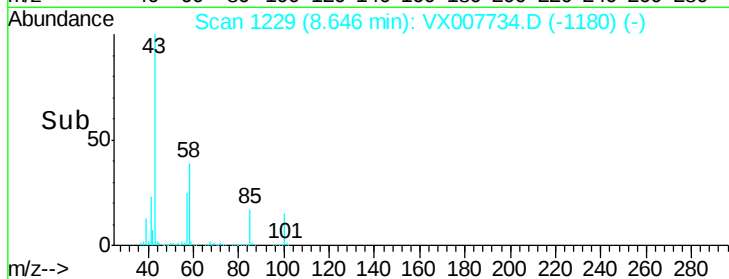
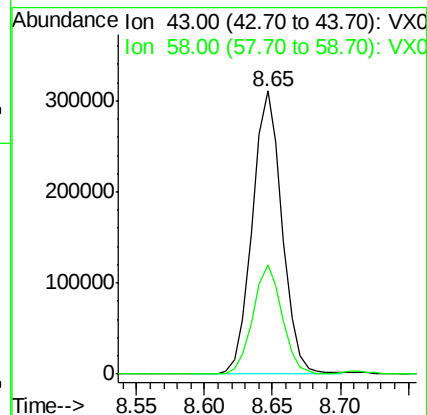
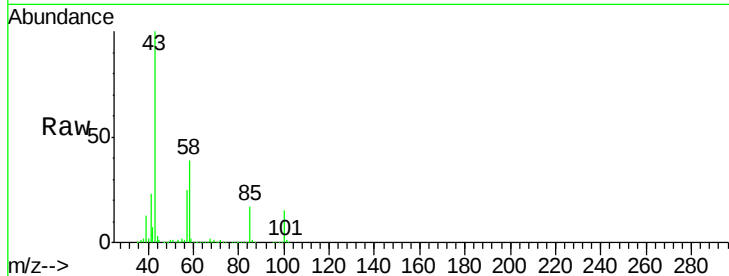
58 38.0 31.2 46.8

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#52

Toluene

Concen: 19.837 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007734.D

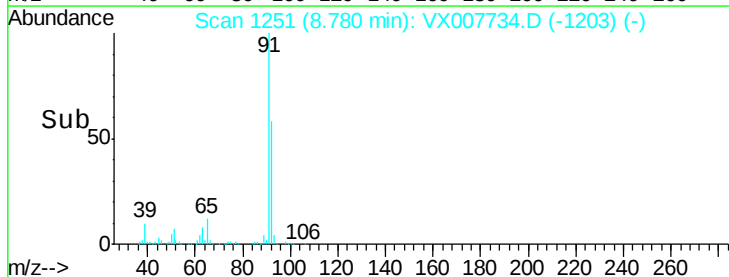
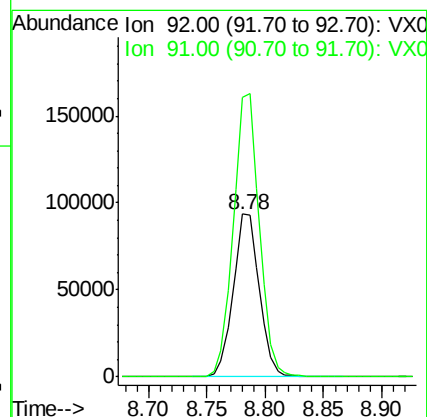
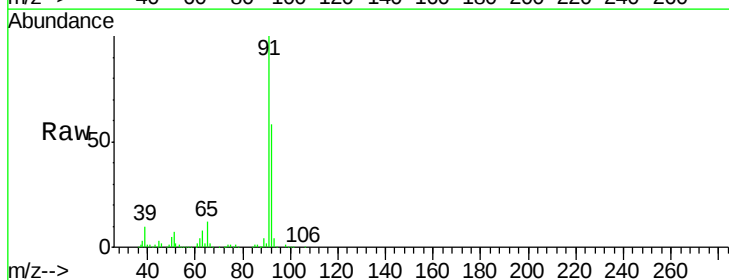
Acq: 27 Feb 2019 15:24

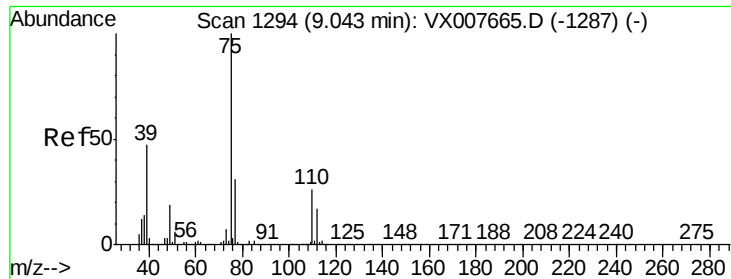
Tgt Ion: 92 Resp: 146450

Ion Ratio Lower Upper

92 100

91 173.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.012 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 75 Resp: 78274

Ion Ratio Lower Upper

75 100

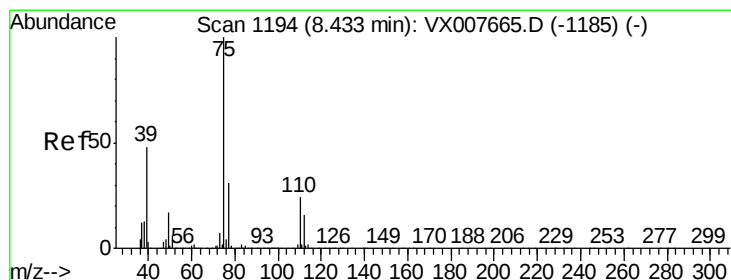
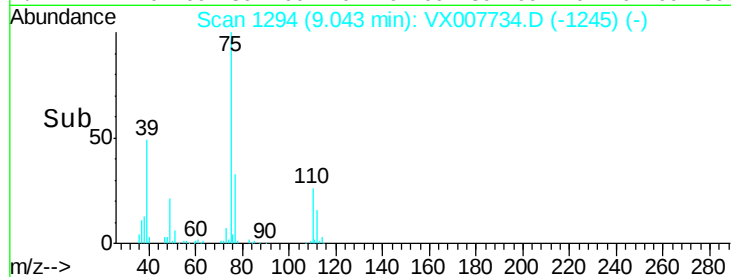
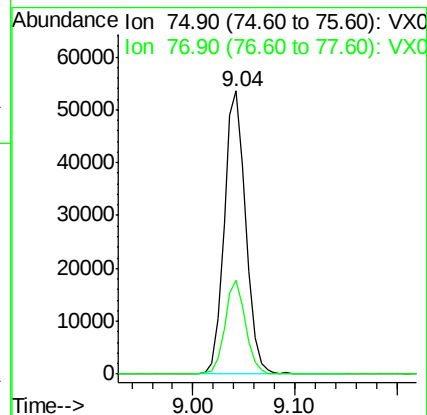
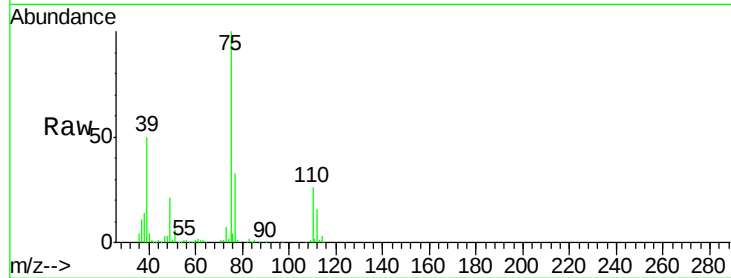
77 33.0 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.753 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

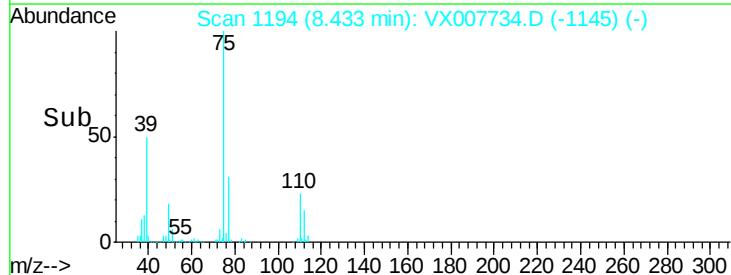
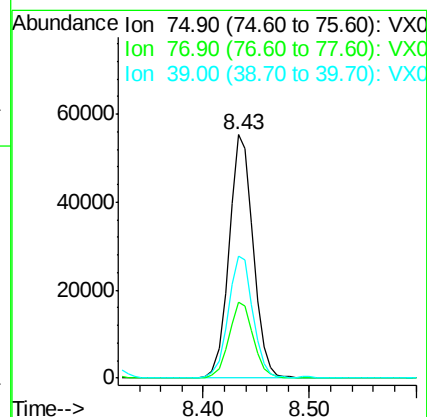
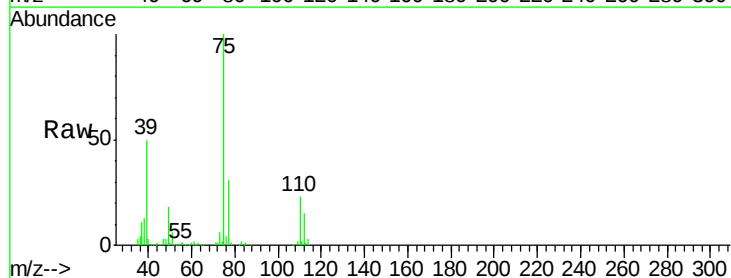
Tgt Ion: 75 Resp: 87891

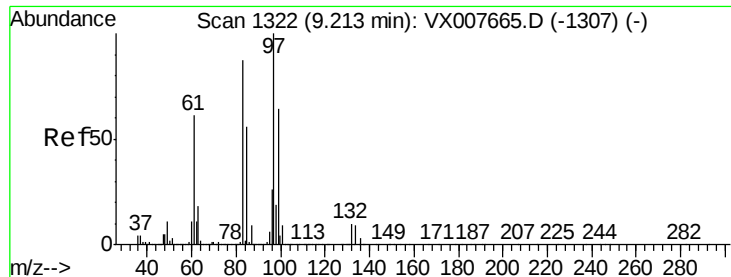
Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.4

39 50.2 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.681 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

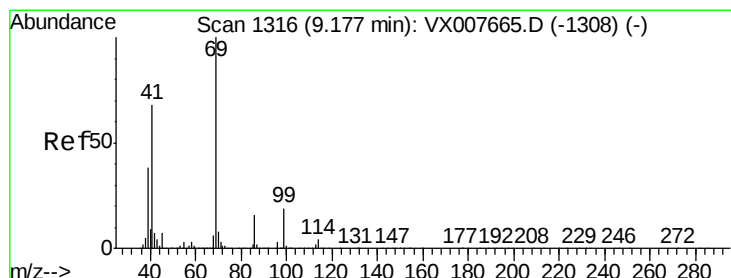
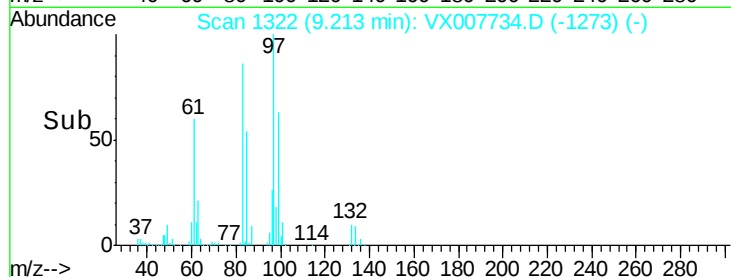
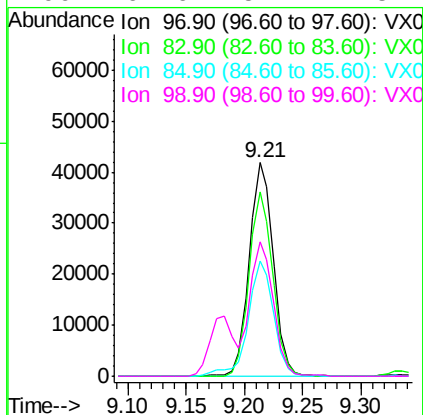
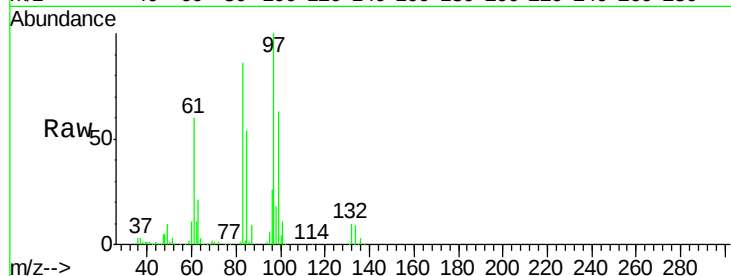
ClientSampleId :

VX0227MBS01

Tot Ion:	97	Resp:	60591
Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.6	102.8
85	54.1	44.5	66.7
99	62.6	52.2	78.4

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#56

Ethyl methacrylate

Concen: 20.551 ug/l

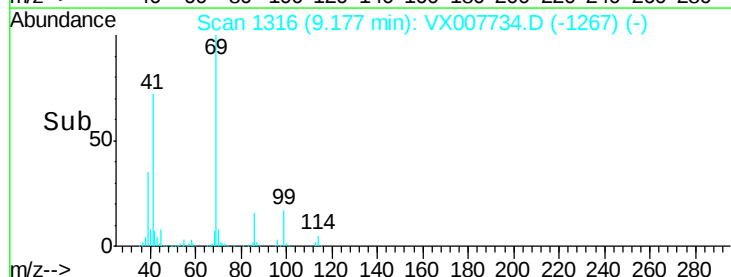
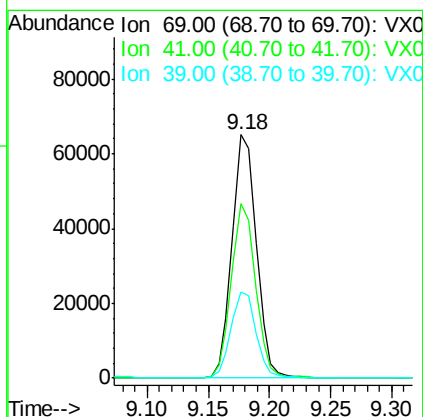
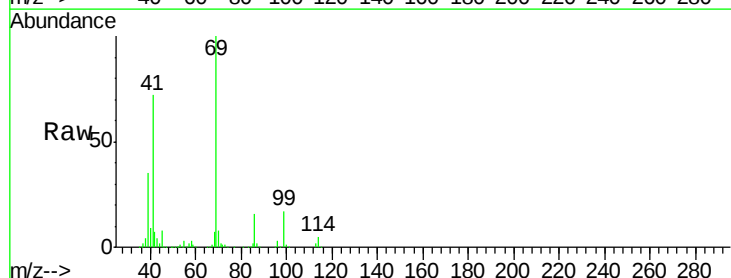
RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion:	69	Resp:	89973
Ion	Ratio	Lower	Upper
69	100		
41	70.9	52.1	78.1
39	35.9	30.1	45.1





#57

1,3-Dichloropropane

Concen: 20.369 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 76 Resp: 100379

Ion Ratio Lower Upper

76 100

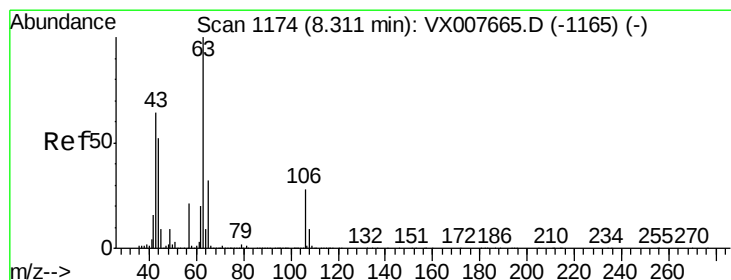
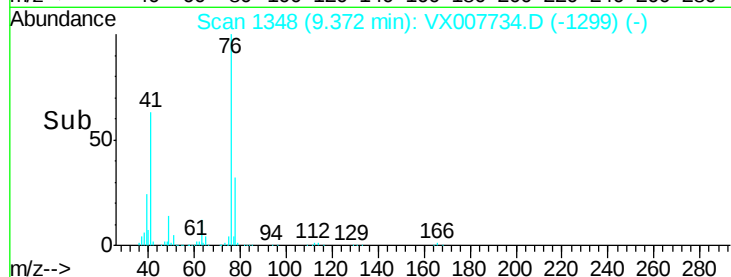
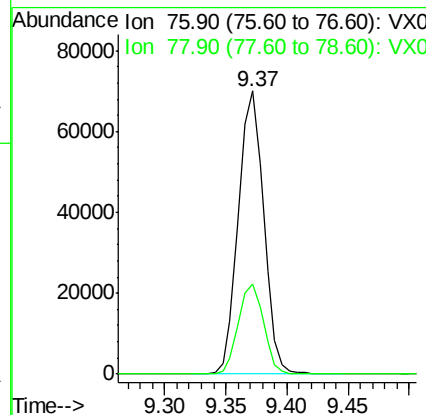
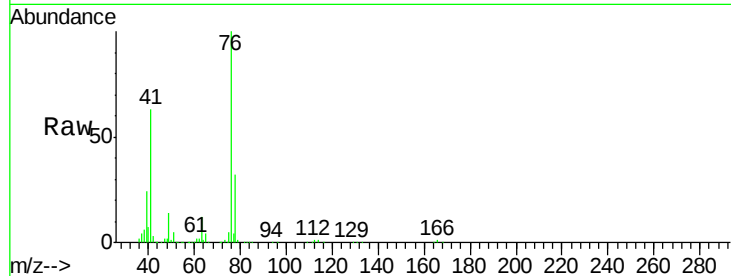
78 31.9 25.8 38.8

Manual Integrations

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2/28/2019 12:22:48 PM



#58

2-Chloroethyl Vinyl ether

Concen: 103.238 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007734.D

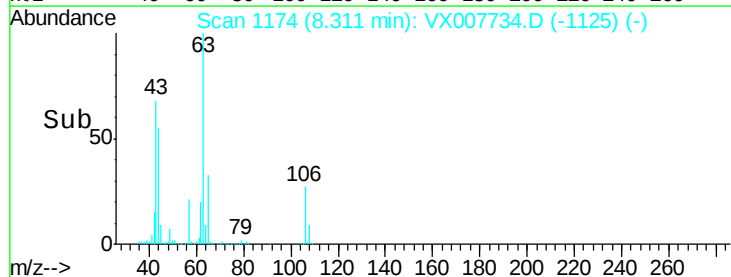
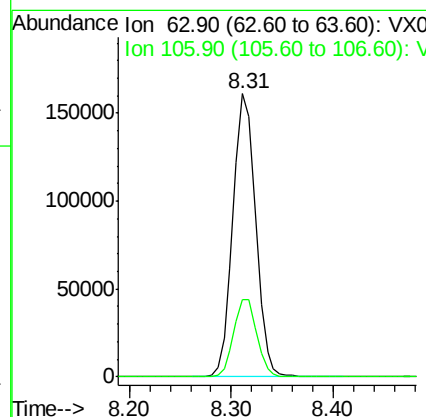
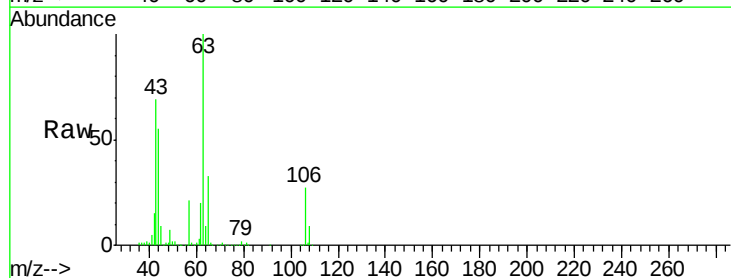
Acq: 27 Feb 2019 15:24

Tgt Ion: 63 Resp: 249240

Ion Ratio Lower Upper

63 100

106 27.9 23.6 35.4





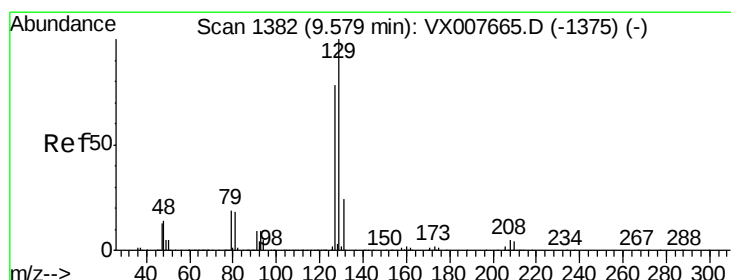
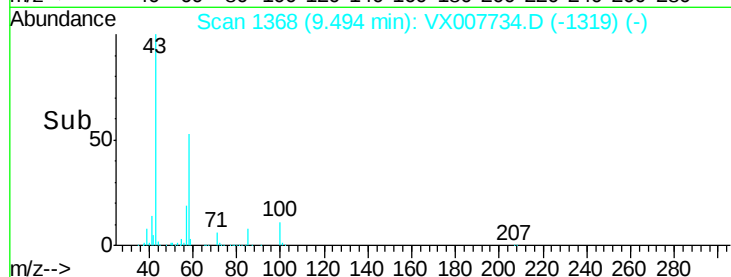
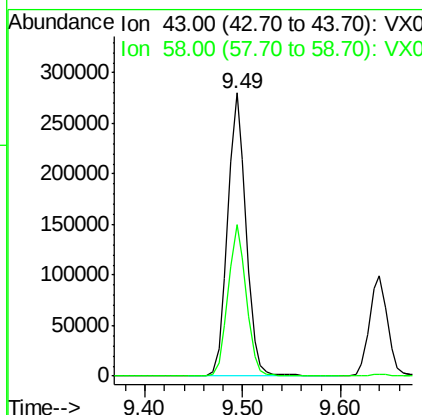
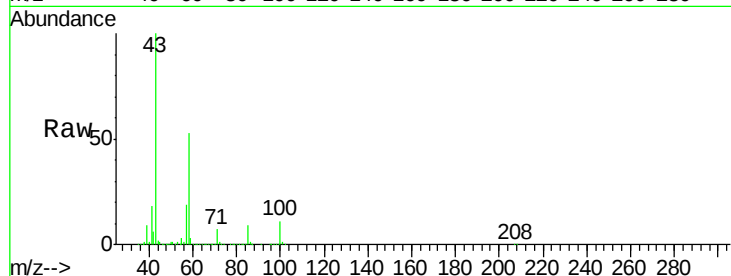
#59
2-Hexanone
Concen: 106.946 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion: 43 Resp: 364417
Ion Ratio Lower Upper
43 100
58 53.1 27.1 81.3

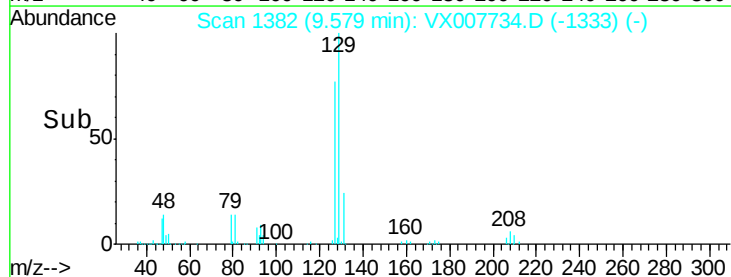
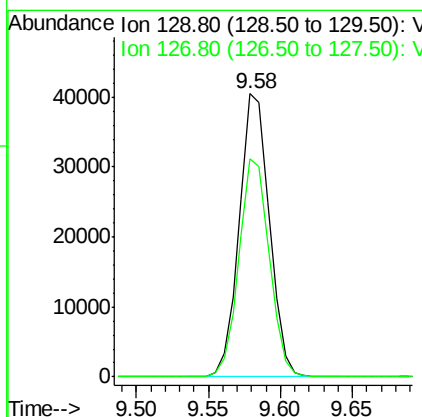
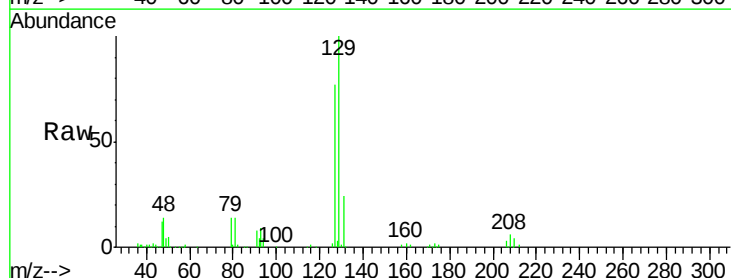
Manual Integrations
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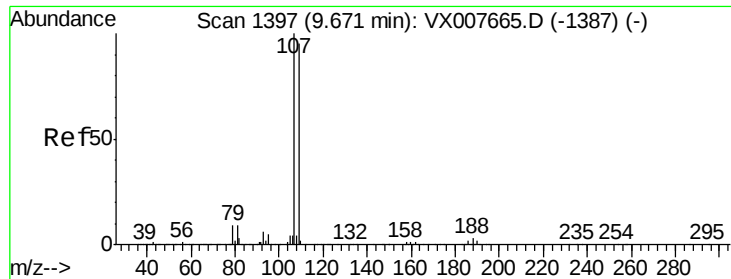
MMDadoda
2/28/2019 12:22:48 PM



#60
Dibromochloromethane
Concen: 19.844 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion: 129 Resp: 58785
Ion Ratio Lower Upper
129 100
127 77.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.965 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion:107 Resp: 63814

Ion Ratio Lower Upper

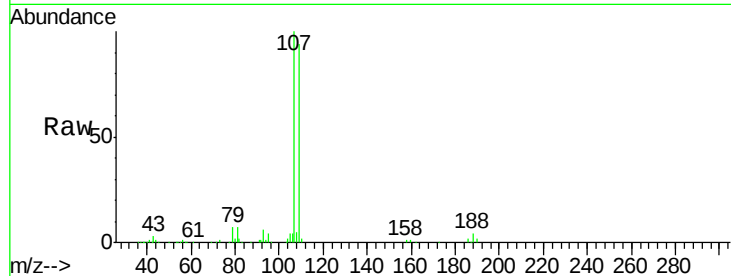
107 100

109 94.9 75.1 112.7

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

50000

40000

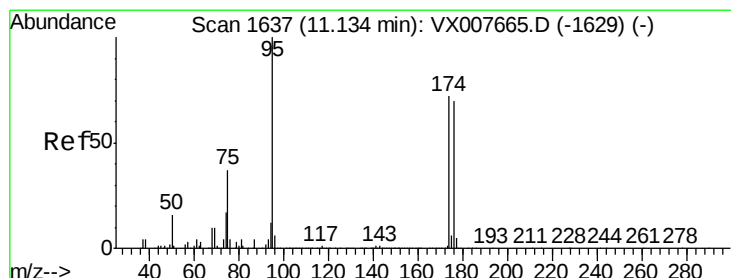
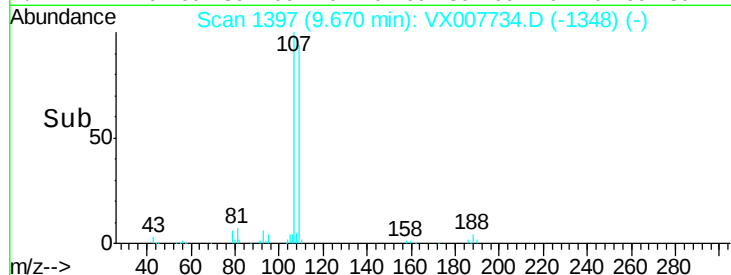
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.694 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

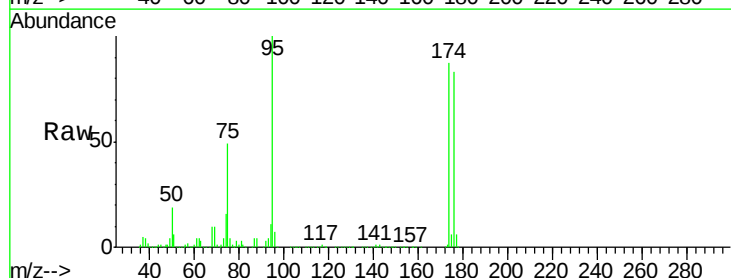
Tgt Ion: 95 Resp: 196911

Ion Ratio Lower Upper

95 100

174 92.4 0.0 189.2

176 89.0 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

200000

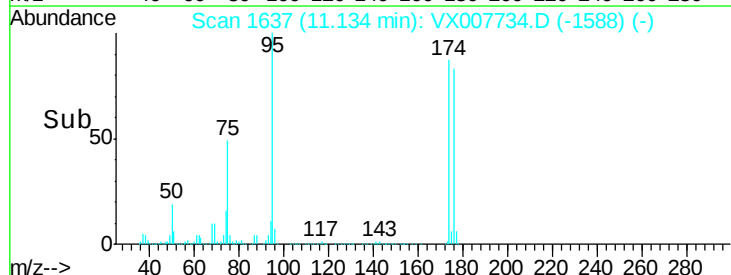
150000

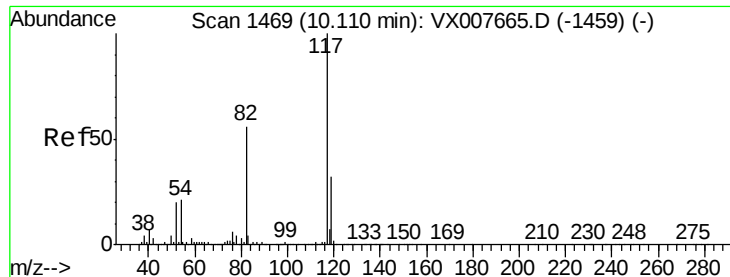
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

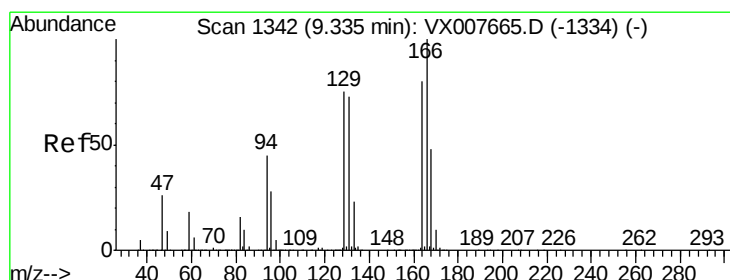
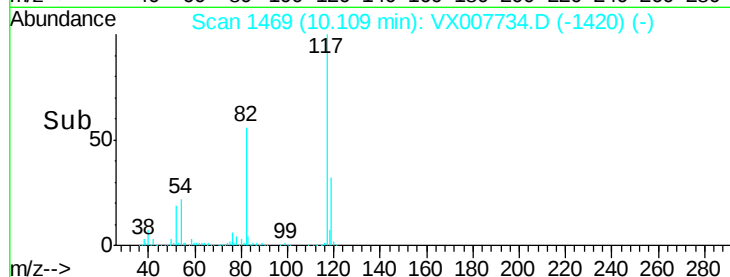
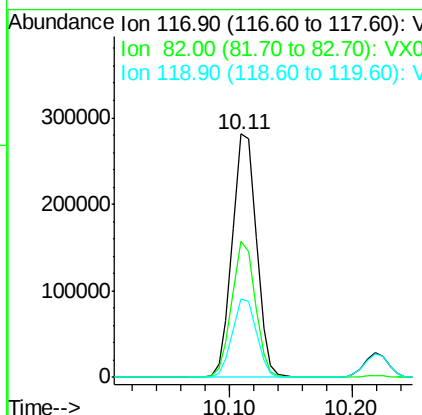
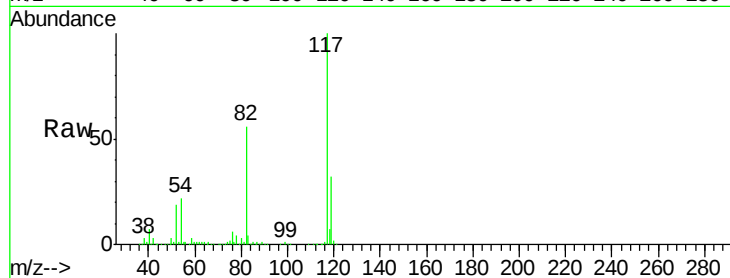
ClientSampleId :

VX0227MBS01

Tot Ion:	117	Resp:	384962
Ion Ratio	Lower	Upper	
117	100		
82	55.8	42.1	63.1
119	32.4	26.5	39.7

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#64

Tetrachloroethene

Concen: 21.170 ug/l

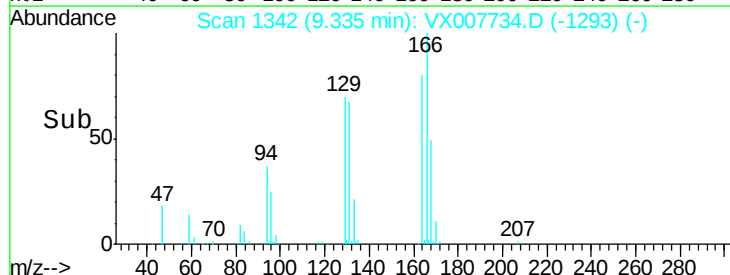
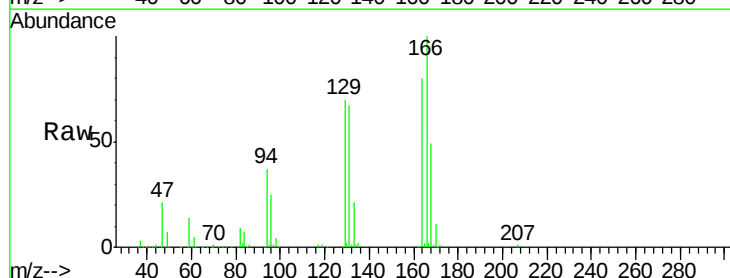
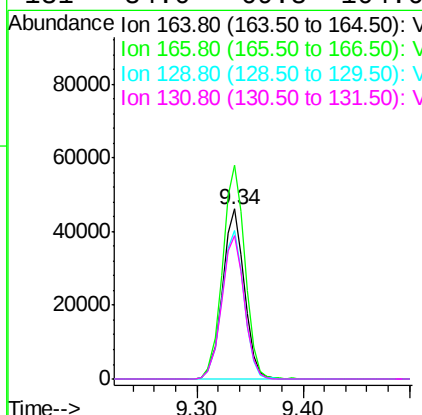
RT: 9.34 min Scan# 1342

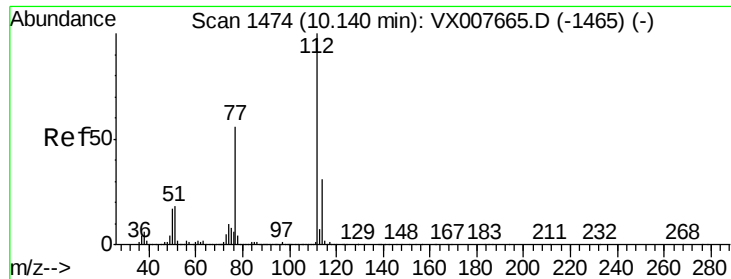
Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion:	164	Resp:	66159
Ion Ratio	Lower	Upper	
164	100		
166	125.7	101.0	151.4
129	87.6	70.5	105.7
131	84.0	69.8	104.6





#65

Chlorobenzene

Concen: 19.524 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampled :

VX0227MBS01

Tot Ion:112 Resp: 162560

Ion Ratio Lower Upper

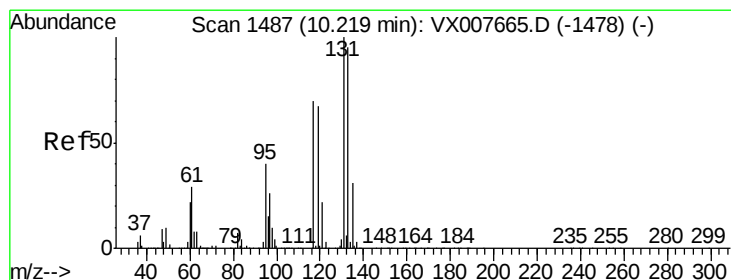
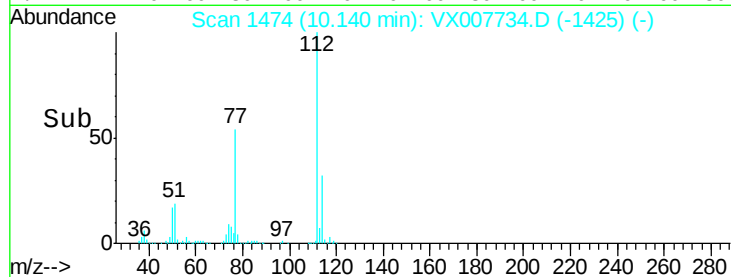
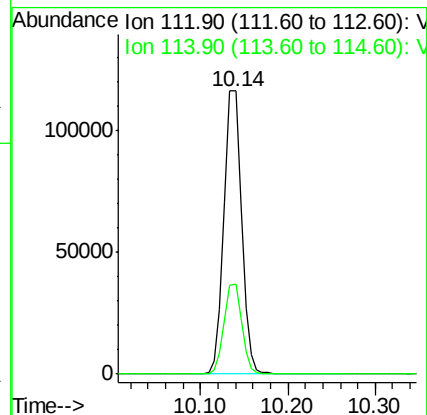
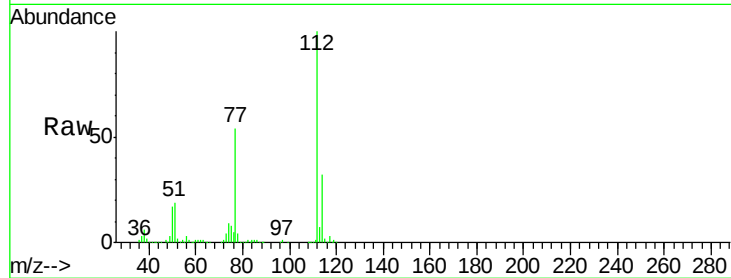
112 100

114 31.8 25.8 38.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.972 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

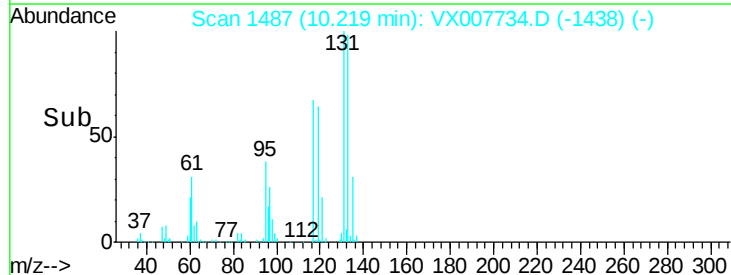
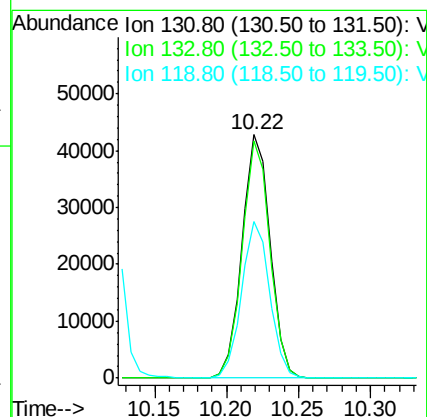
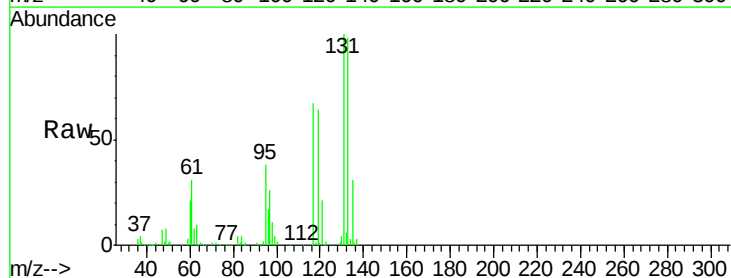
Tgt Ion:131 Resp: 58003

Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

119 64.4 32.0 96.0





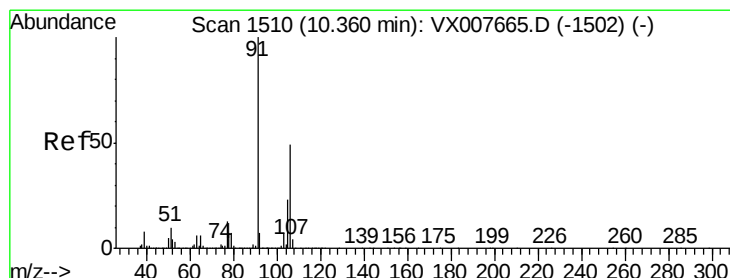
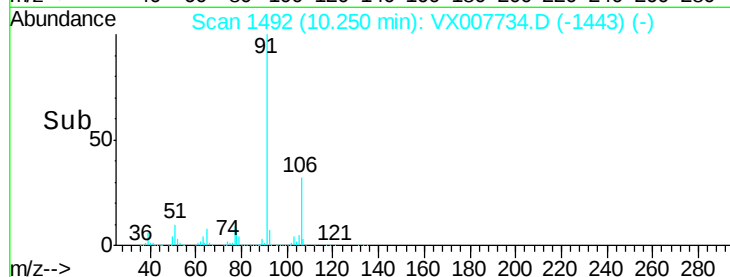
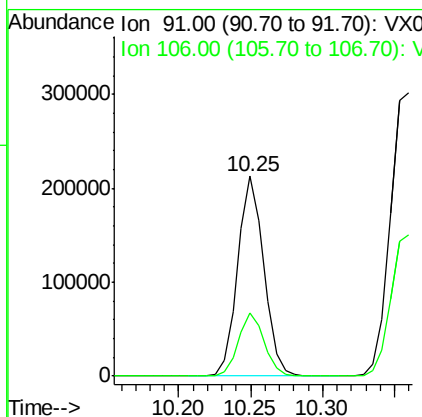
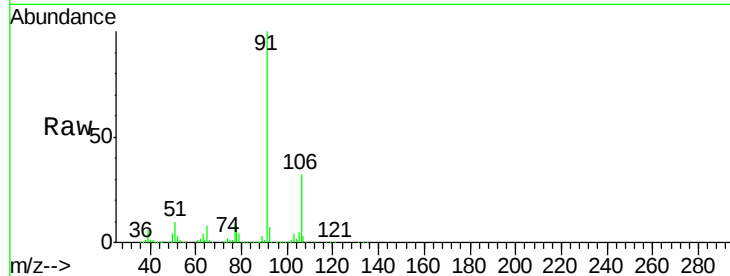
#67
Ethyl Benzene
Concen: 19.517 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion: 91 Resp: 269189
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0

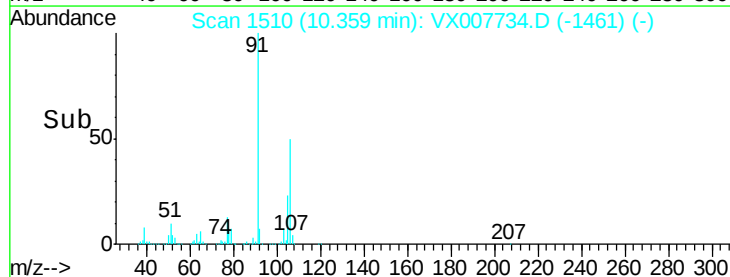
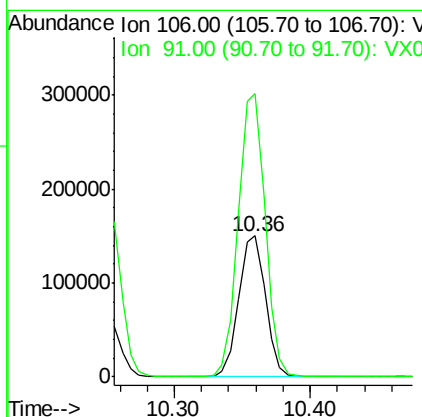
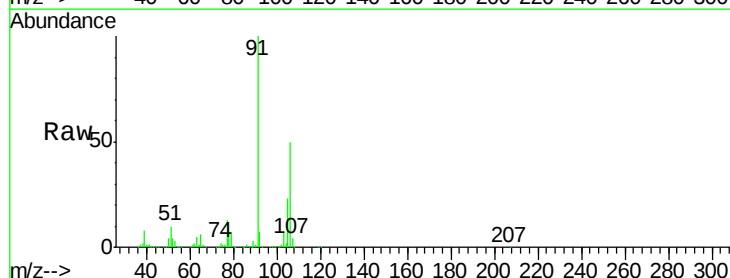
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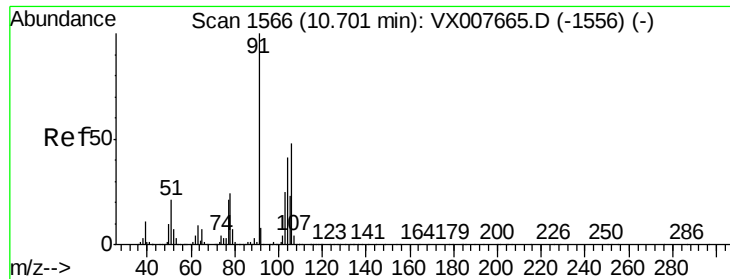
MMDadoda
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#68
m/p-Xylenes
Concen: 38.335 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion: 106 Resp: 205691
Ion Ratio Lower Upper
106 100
91 202.7 156.6 234.8





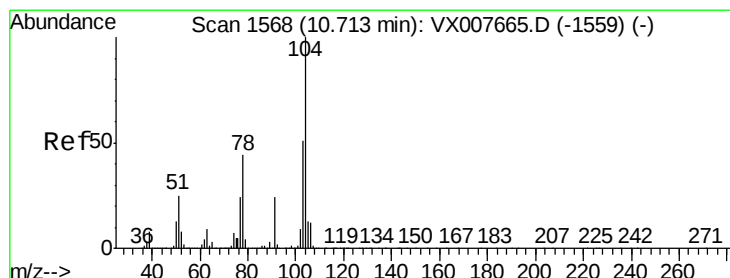
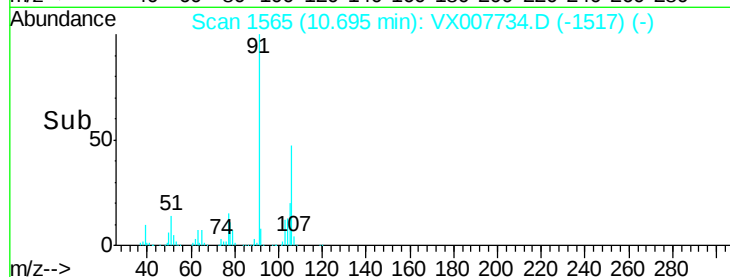
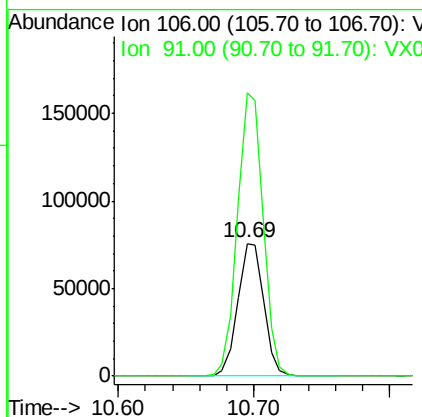
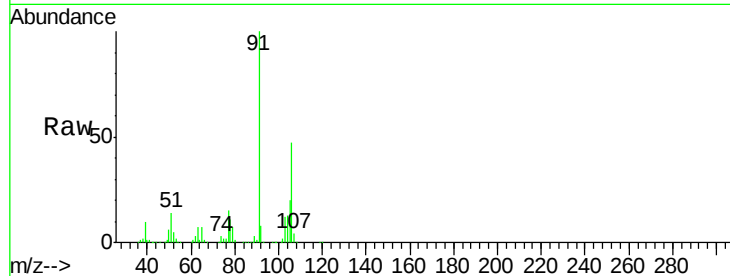
#69
o-Xylene
Concen: 19.436 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.6	102.9	308.7

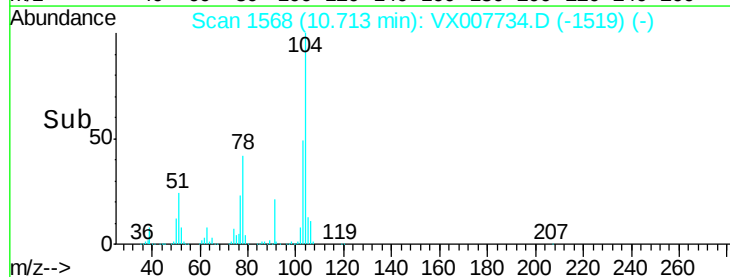
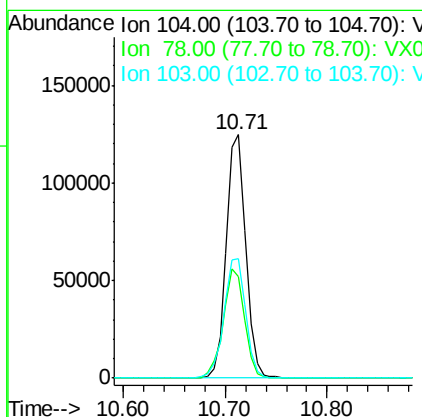
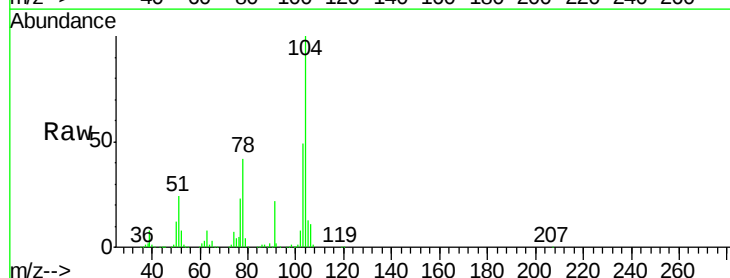
Manual Integrations
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#70
Styrene
Concen: 19.392 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	38.3	57.5
103	55.1	44.6	67.0





#71

Bromoform

Concen: 20.561 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion:173 Resp: 44778

Ion Ratio Lower Upper

173 100

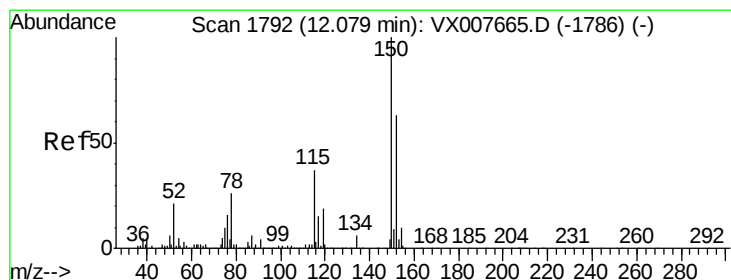
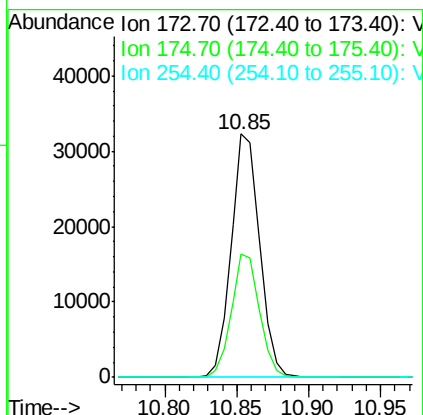
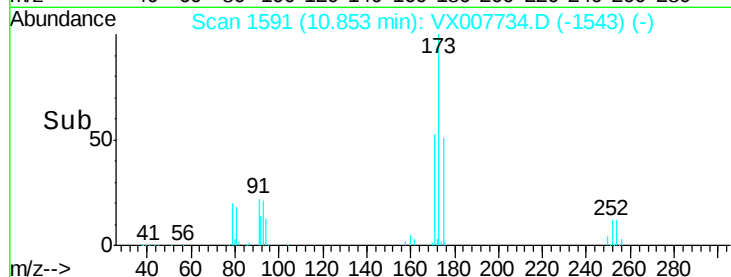
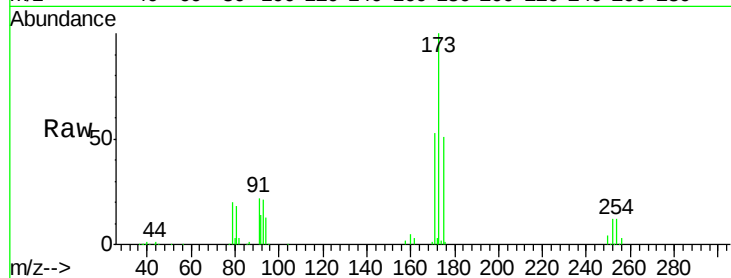
175 50.0 24.2 72.6

254 0.2 0.2 0.2

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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: VX007734.D

Acq: 27 Feb 2019 15:24

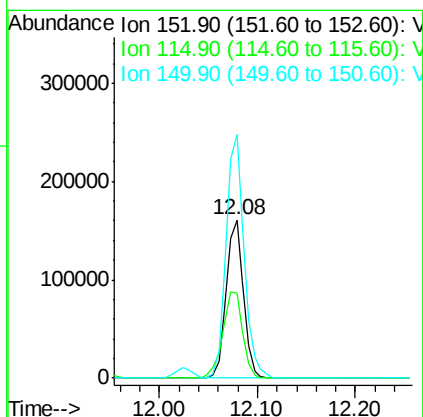
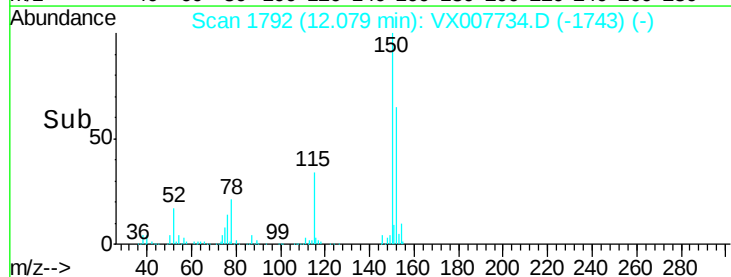
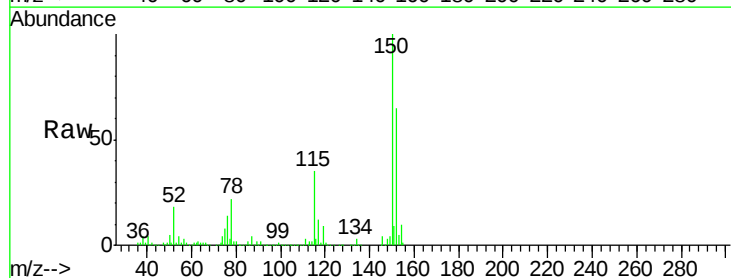
Tgt Ion:152 Resp: 195521

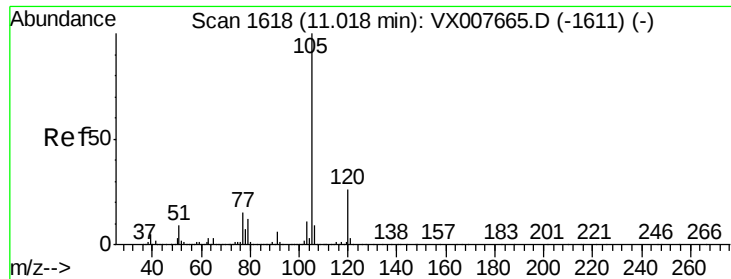
Ion Ratio Lower Upper

152 100

115 63.2 38.0 114.0

150 161.0 0.0 346.4





#73

Isopropylbenzene

Concen: 19.250 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion: 105 Resp: 269000

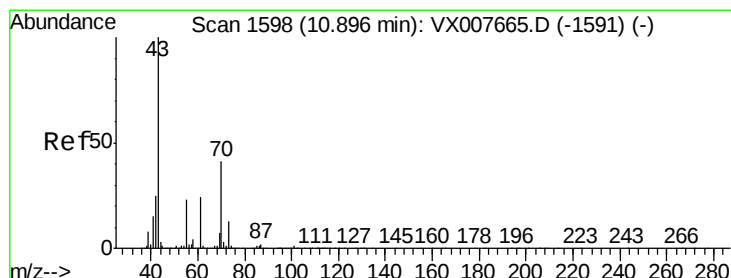
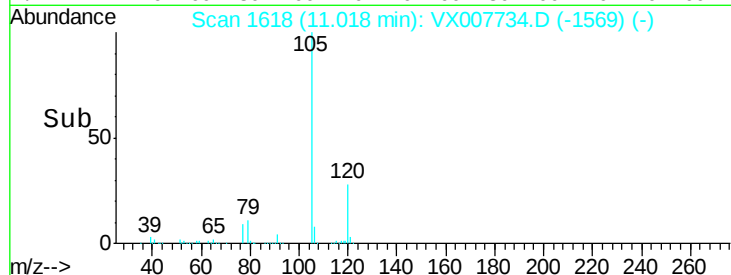
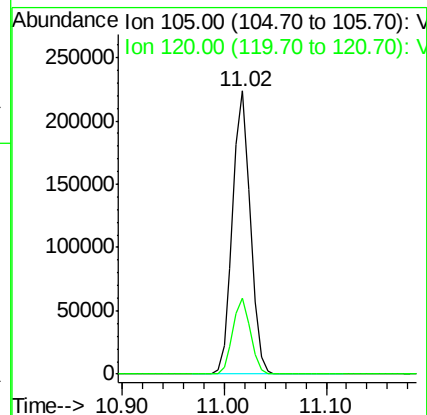
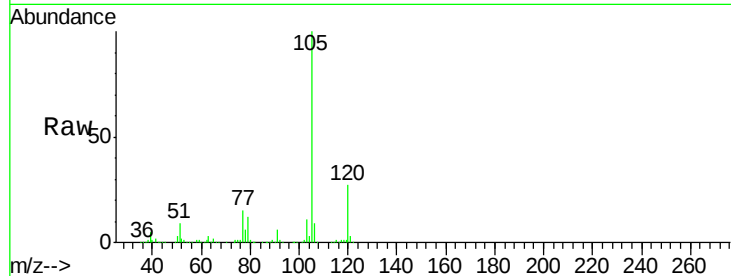
Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7

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#74

N-ethyl acetate

Concen: 19.916 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion: 43 Resp: 120858

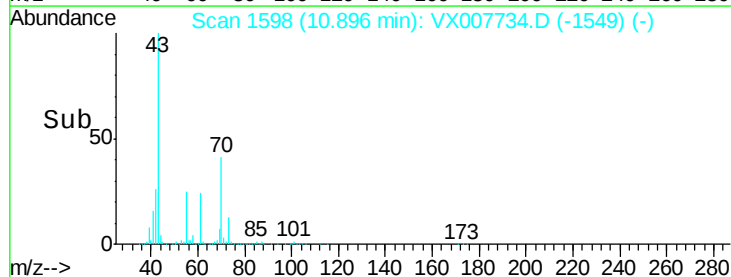
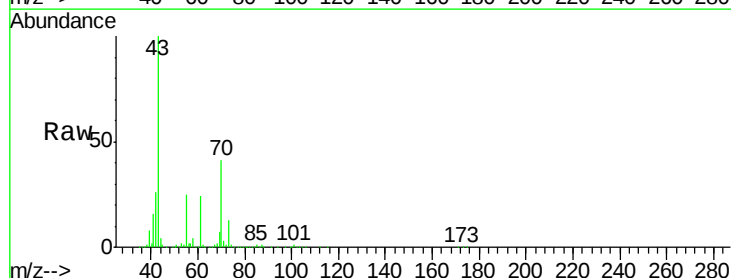
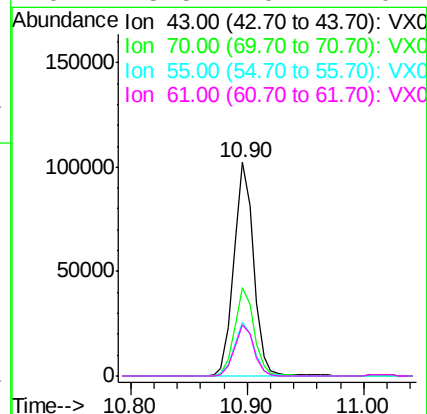
Ion Ratio Lower Upper

43 100

70 40.8 33.8 50.6

55 25.3 19.5 29.3

61 23.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.479 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

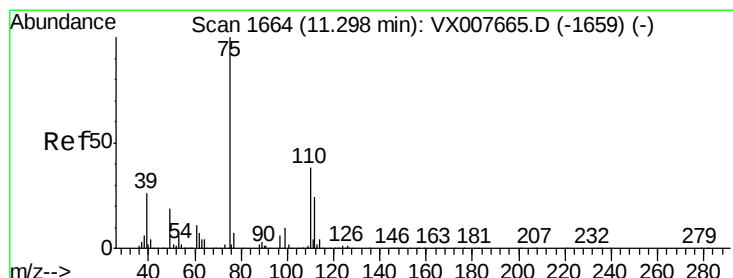
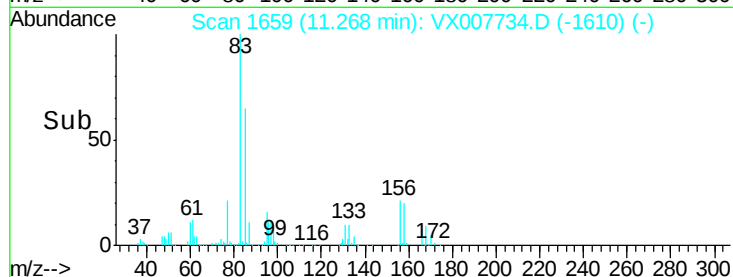
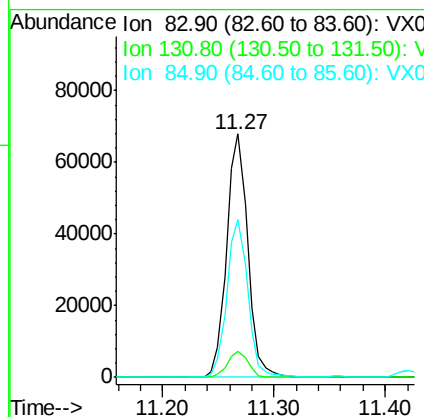
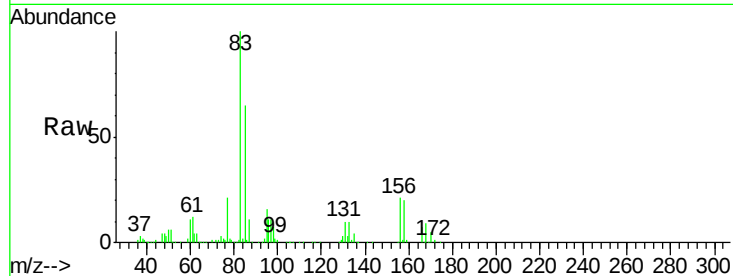
ClientSampleId :

VX0227MBS01

Tot Ion:	83	Resp:	89315
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.7	17.0
85	64.5	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.376 ug/l m

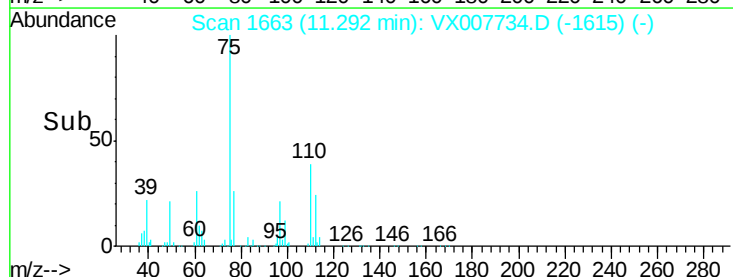
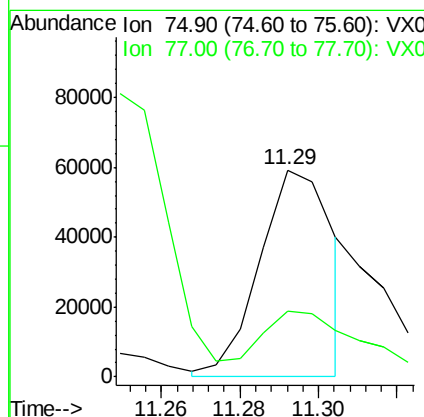
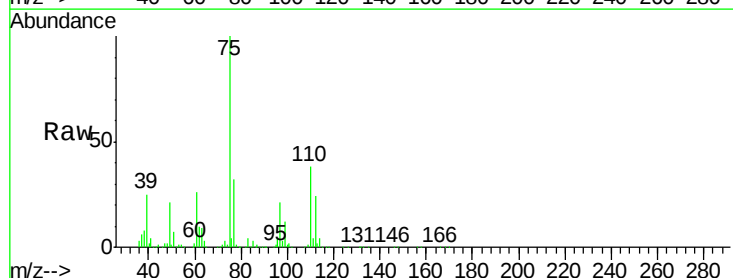
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion:	75	Resp:	76585
Ion Ratio	Lower	Upper	
75	100		
77	44.3	23.0	69.0





#77

Bromobenzene

Concen: 20.830 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion:156 Resp: 73008

Ion Ratio Lower Upper

156 100

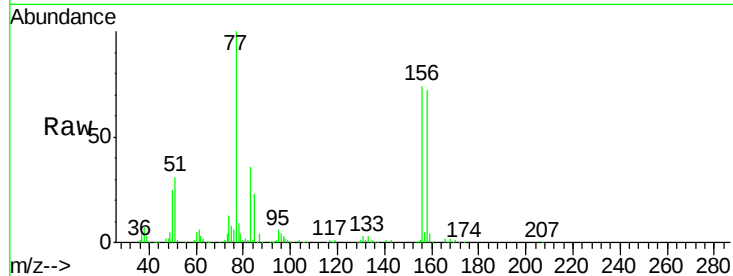
77 144.8 66.8 200.6

158 96.7 47.9 143.8

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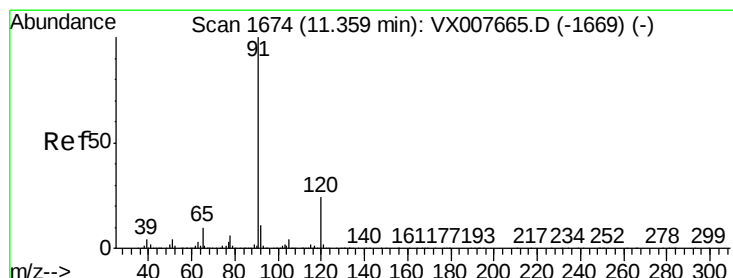
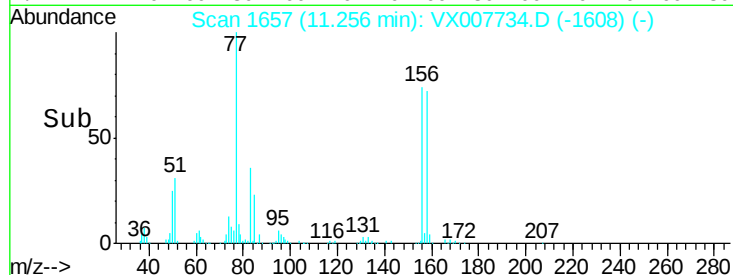
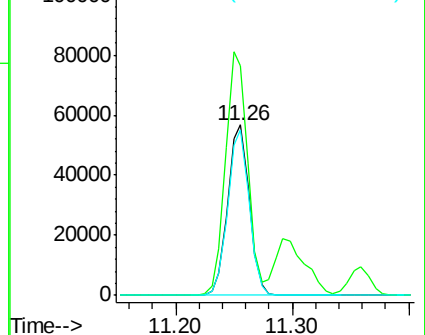
2/28/2019 12:22:48 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.923 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007734.D

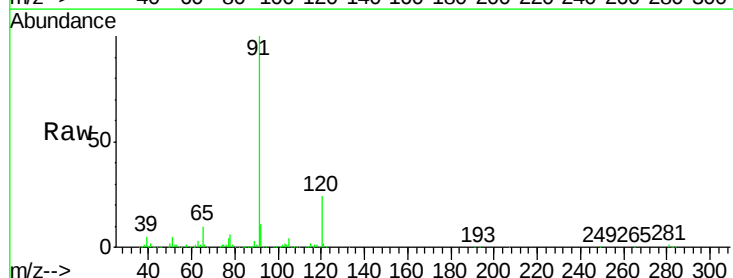
Acq: 27 Feb 2019 15:24

Tgt Ion: 91 Resp: 298807

Ion Ratio Lower Upper

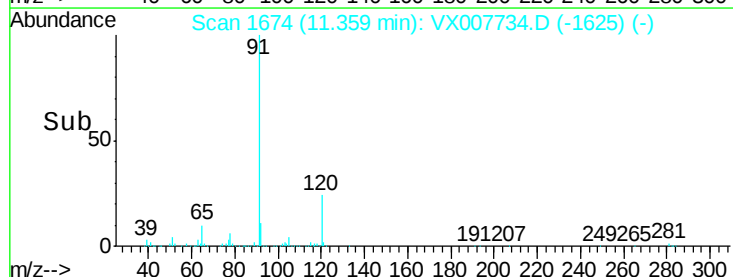
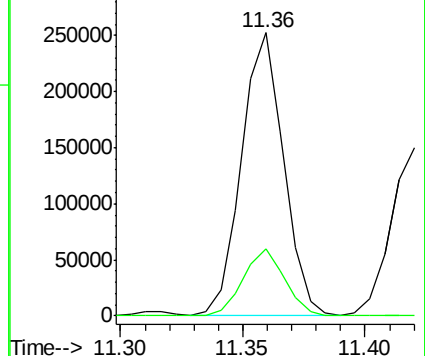
91 100

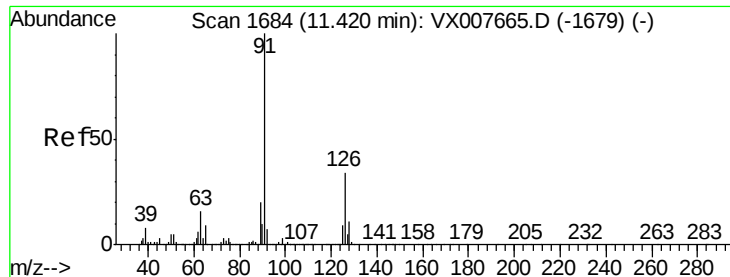
120 23.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





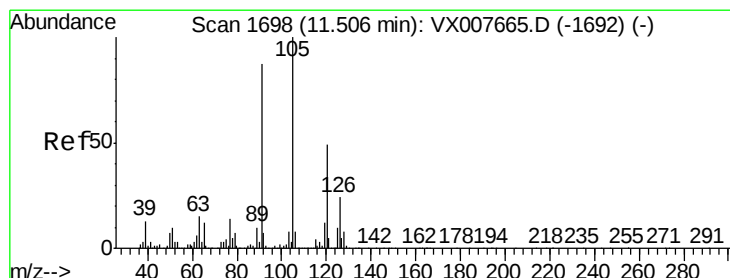
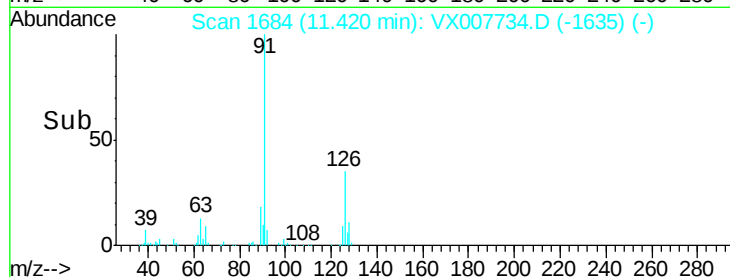
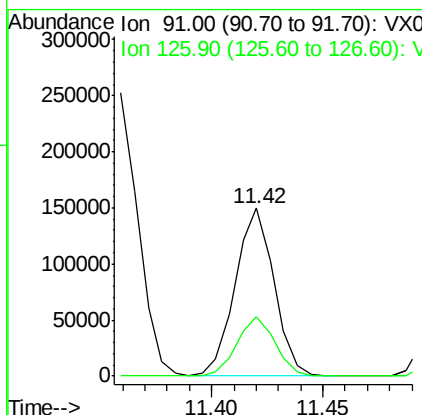
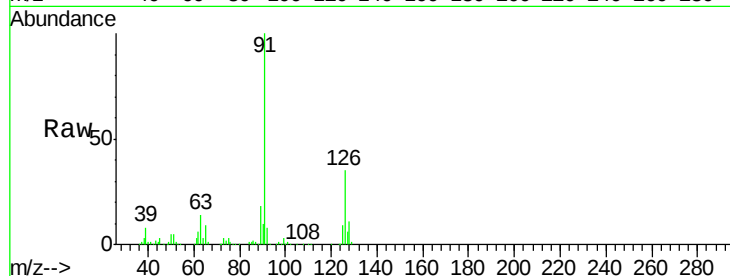
#79
 2-Chlorotoluene
 Concen: 19.010 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBS01

Tot Ion: 91 Resp: 180745
 Ion Ratio Lower Upper
 91 100
 126 35.5 18.7 56.1

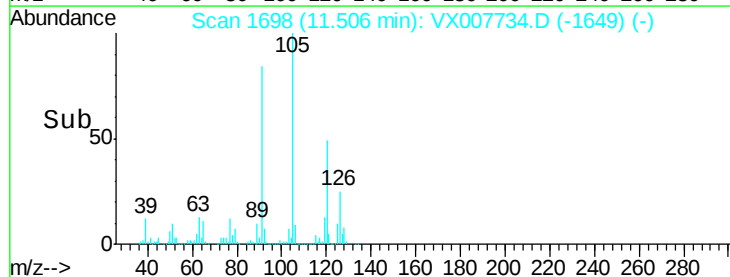
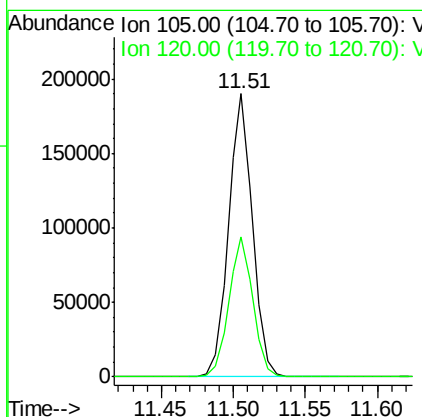
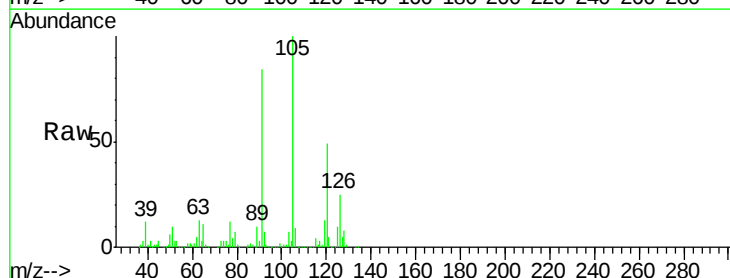
Manual Integrations
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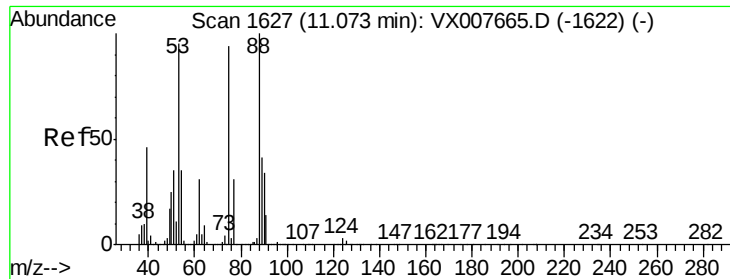
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.310 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Tgt Ion: 105 Resp: 221960
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.3 75.8





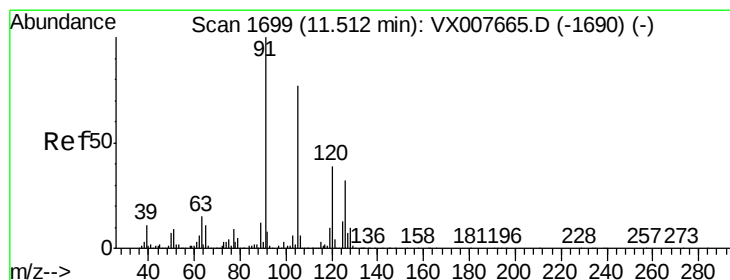
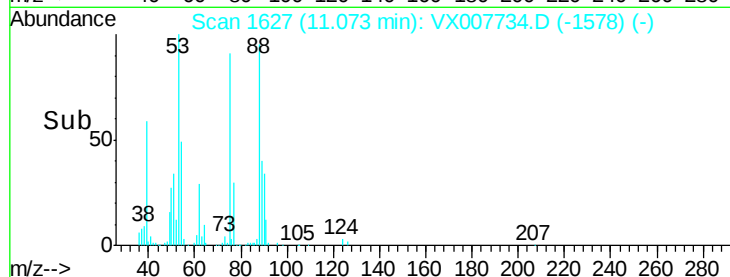
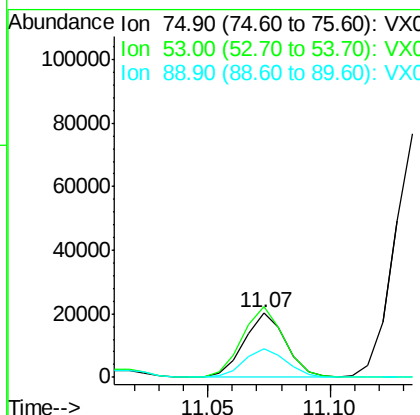
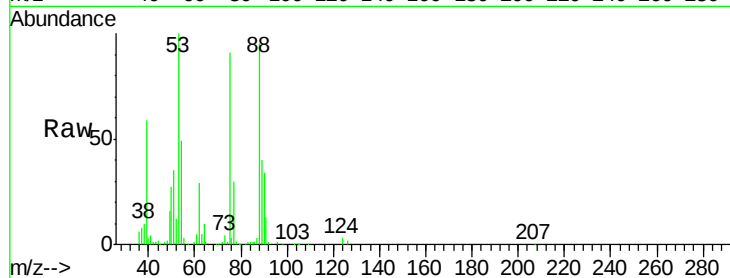
#81
trans-1,4-Dichloro-2-butene
Concen: 17.475 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.1	81.0	121.6
89	46.2	41.4	62.0

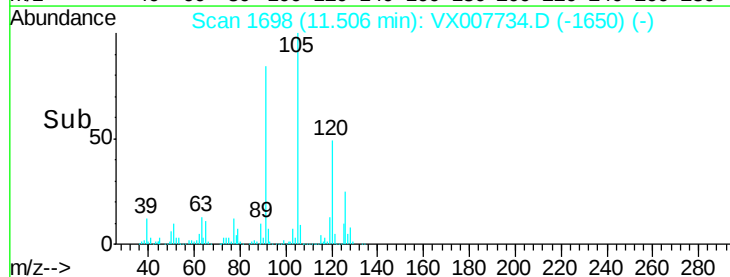
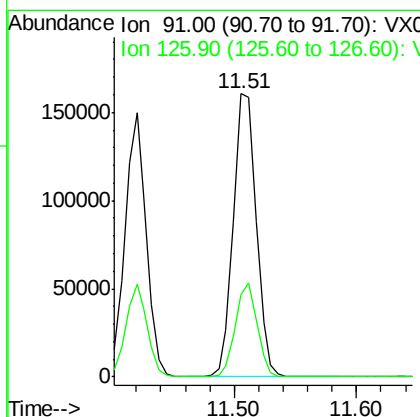
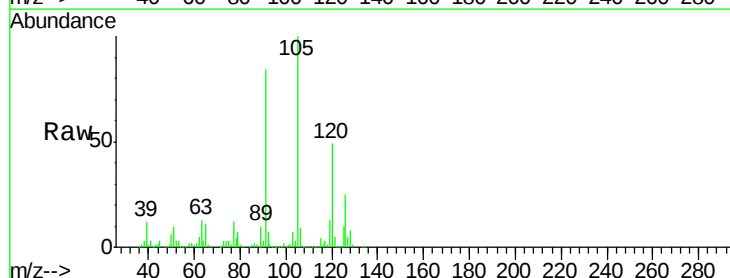
Manual Integrations
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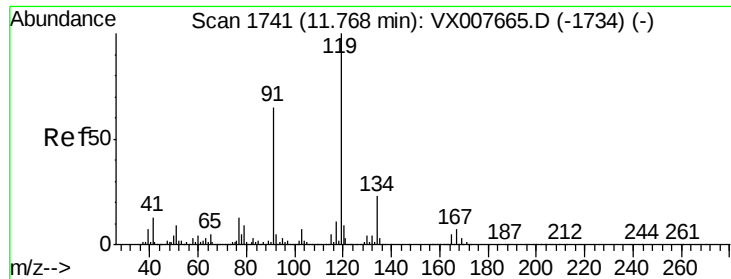
MMDadoda
2/28/2019 12:22:48 PM



#82
4-Chlorotoluene
Concen: 18.628 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.2	48.5





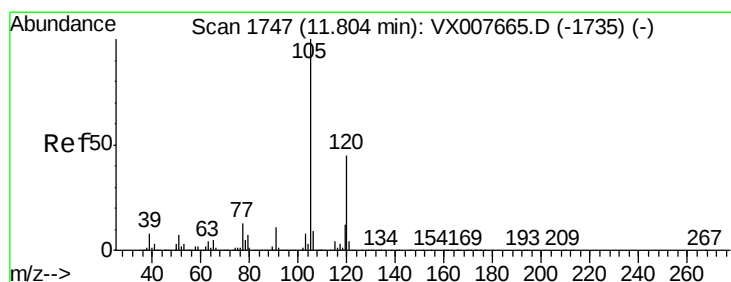
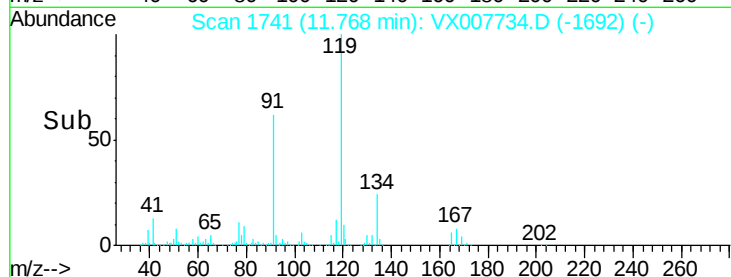
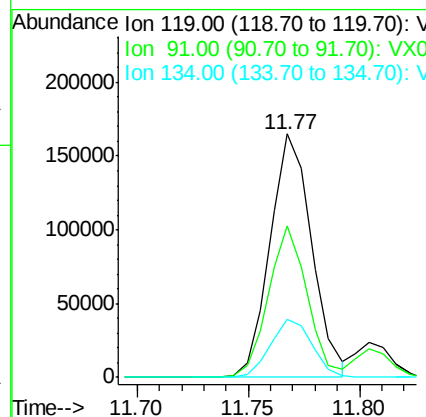
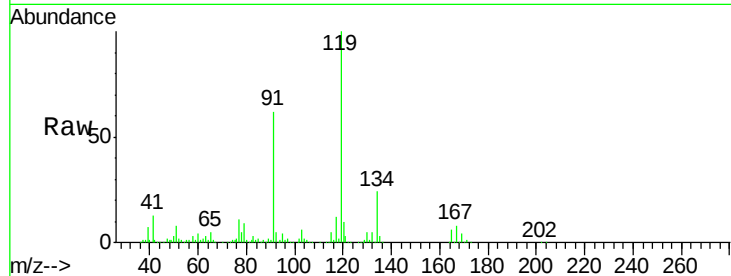
#83
 tert-Butylbenzene
 Concen: 19.423 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	214356		
91	58.0		28.5	85.6
134	23.7		12.0	36.0

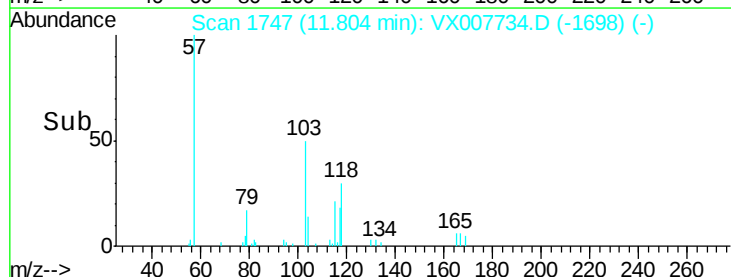
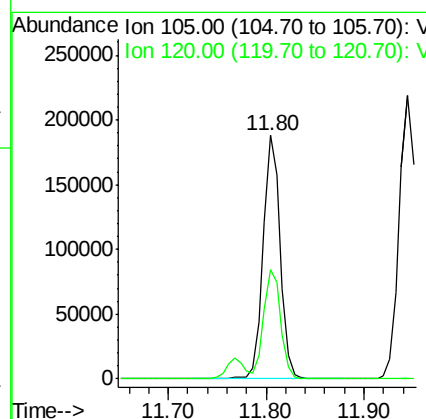
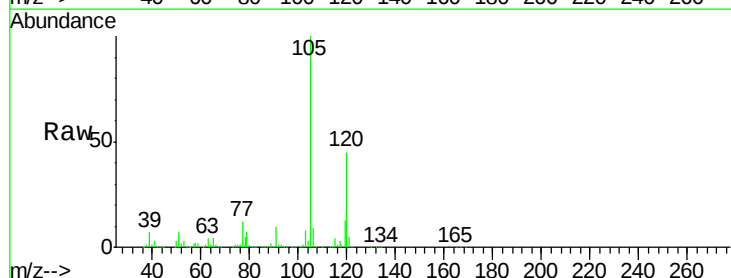
Manual Integrations
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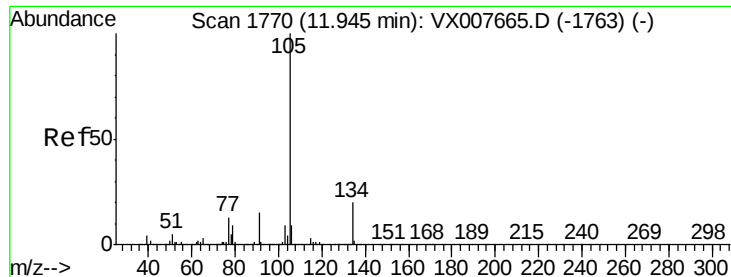
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.190 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225630		
120	45.1		23.1	69.3





#85

sec-Butylbenzene

Concen: 18.961 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBS01

Tot Ion:105 Resp: 262225

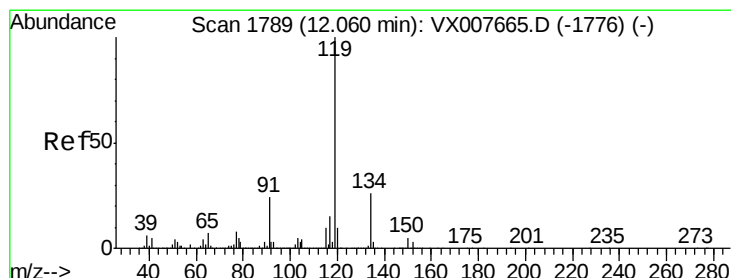
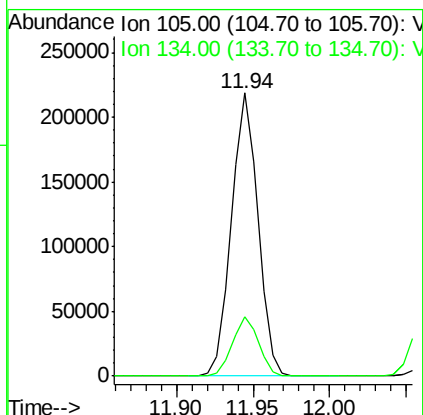
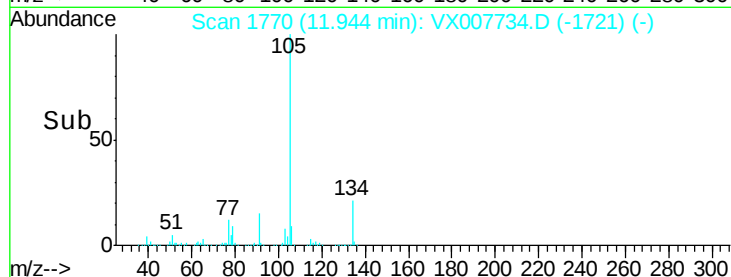
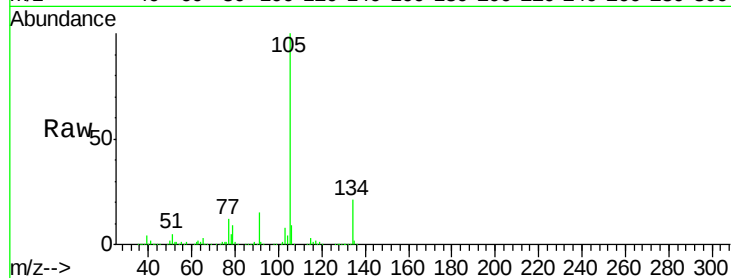
Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.255 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

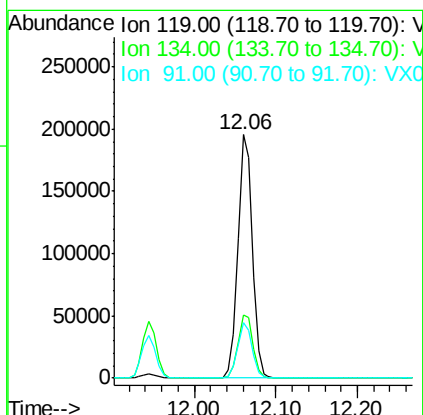
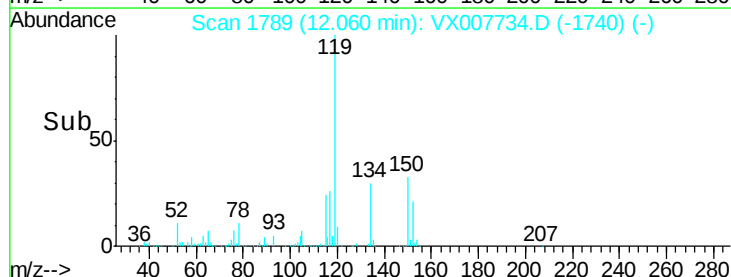
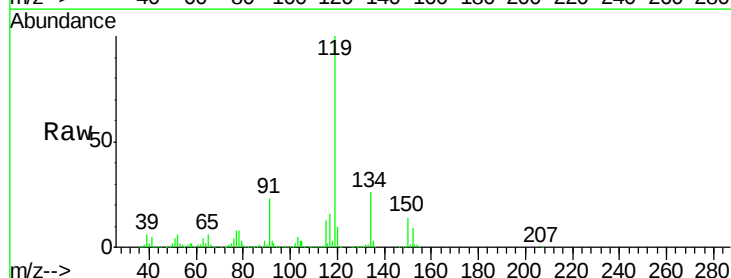
Tgt Ion:119 Resp: 233204

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

91 22.7 11.2 33.5





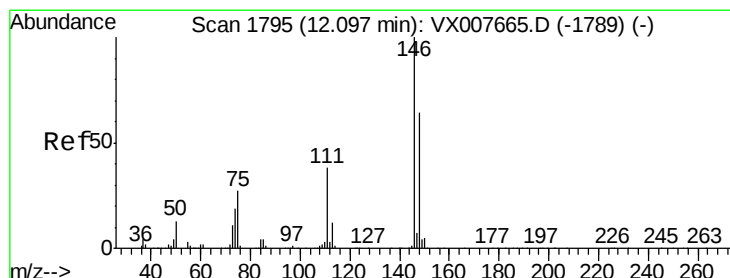
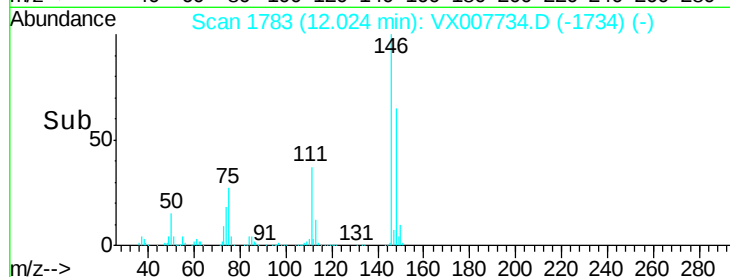
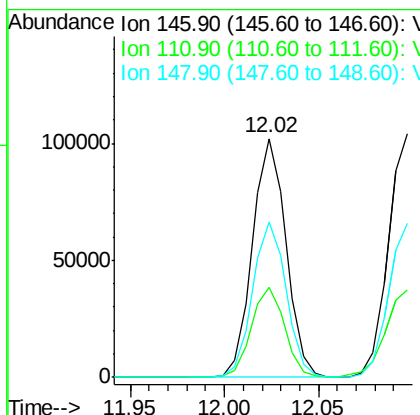
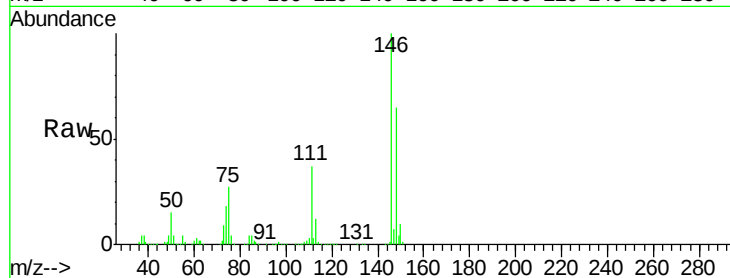
#87
 1,3-Dichlorobenzene
 Concen: 19.429 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	64.9	32.0	96.2

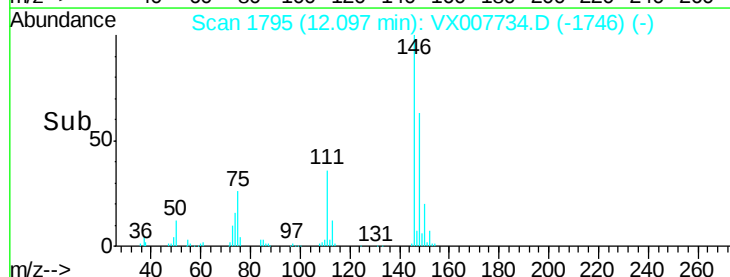
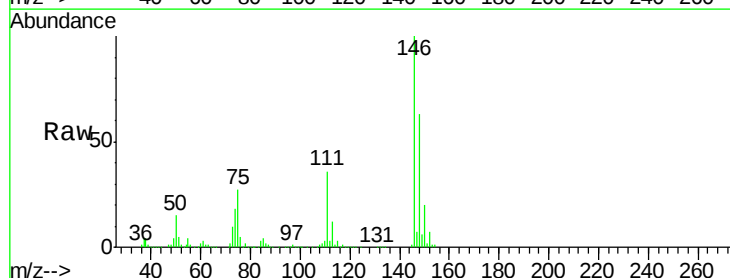
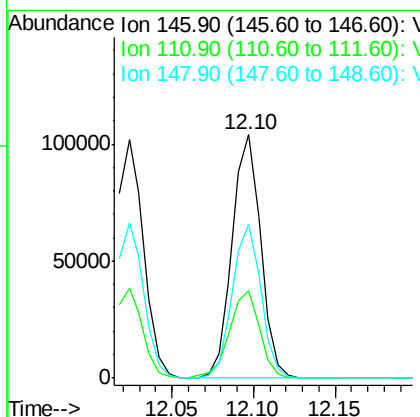
Manual Integrations
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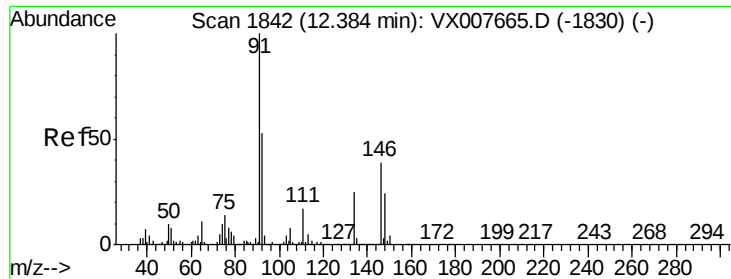
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#88
 1,4-Dichlorobenzene
 Concen: 19.051 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	63.5	32.3	96.9





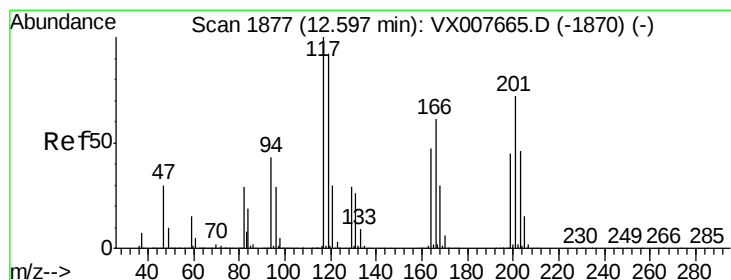
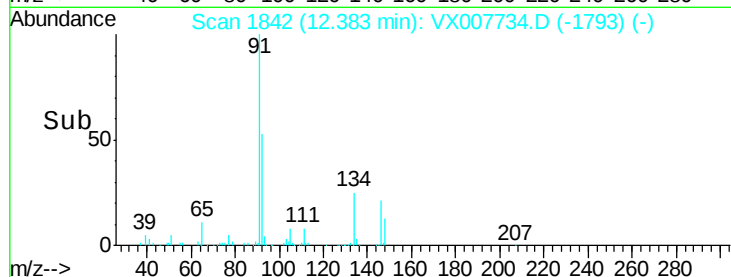
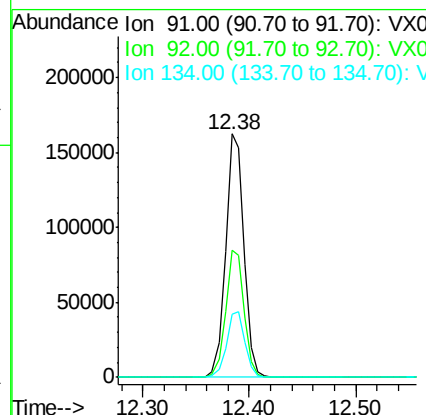
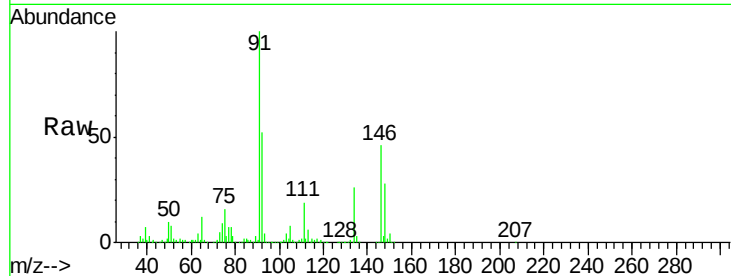
#89
n-Butylbenzene
Concen: 17.912 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.9
134	27.1	13.9	41.6

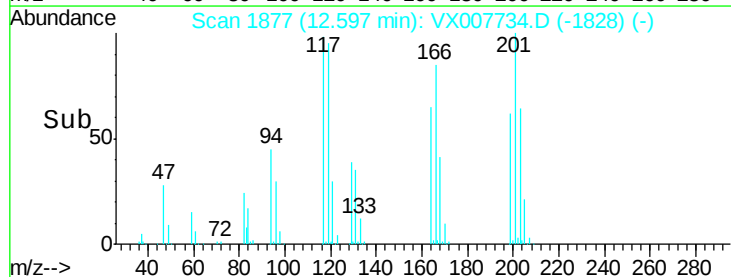
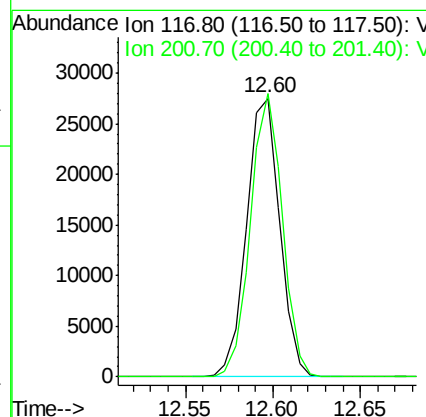
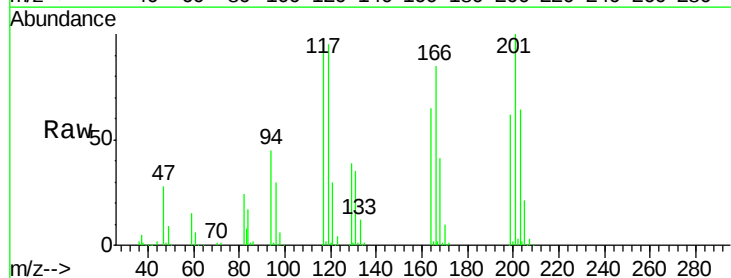
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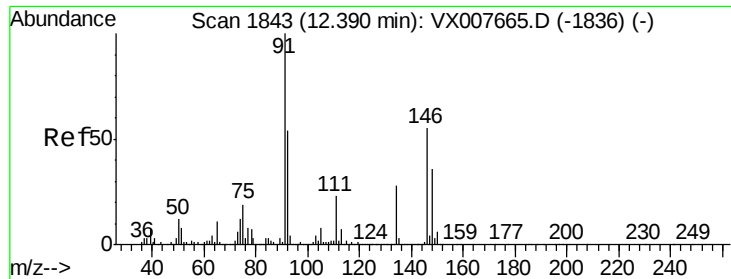
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#90
Hexachloroethane
Concen: 17.740 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007734.D
Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.6	44.9	134.7





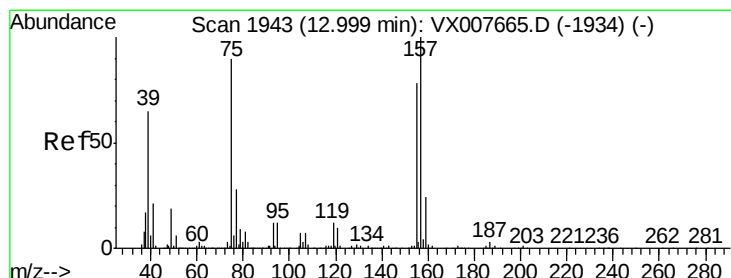
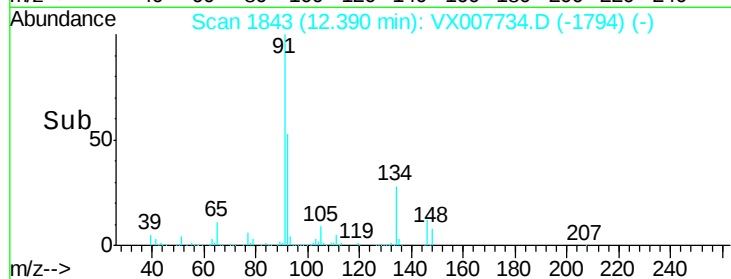
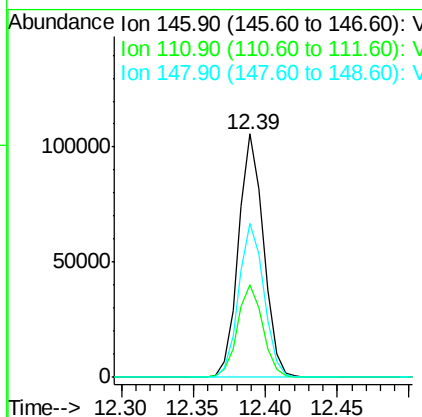
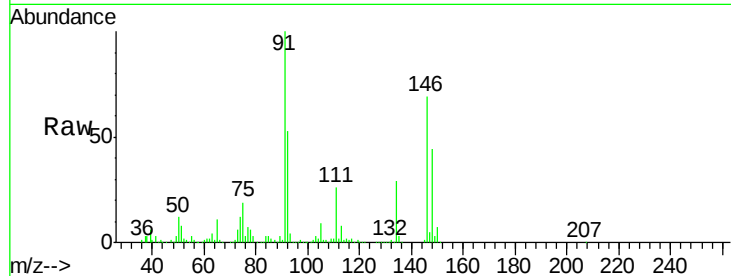
#91
 1,2-Dichlorobenzene
 Concen: 19.698 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	128137		
111	38.5	19.1	57.3	
148	63.4	32.1	96.3	

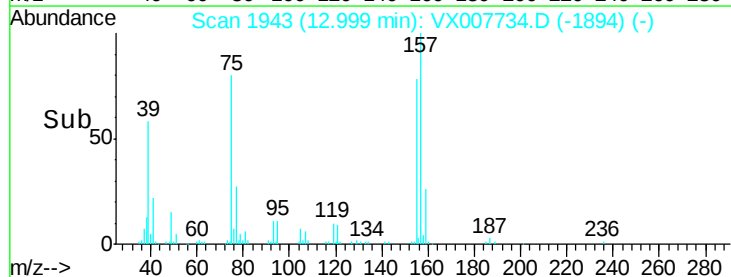
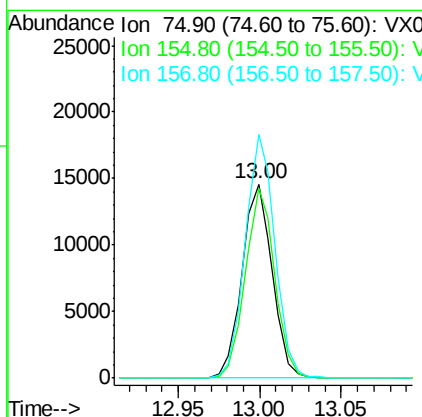
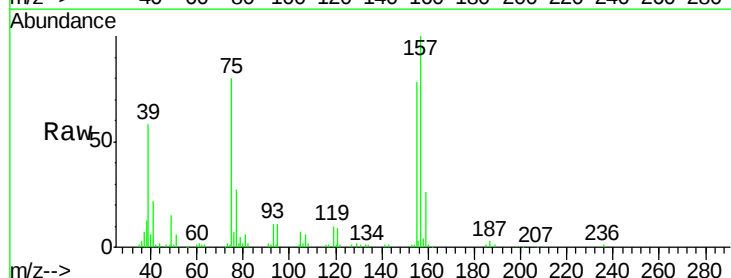
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.847 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007734.D
 Acq: 27 Feb 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18795		
155	95.2	49.6	149.0	
157	123.5	65.1	195.3	





#93

1,2,4-Trichlorobenzene

Concen: 21.430 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

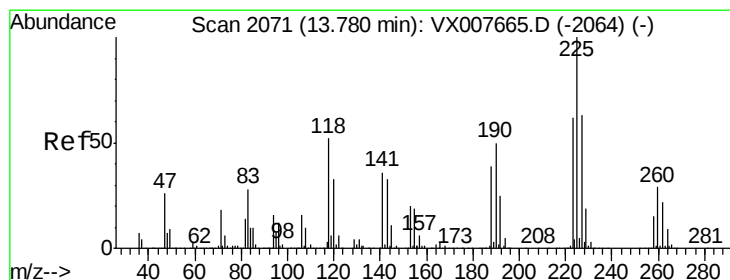
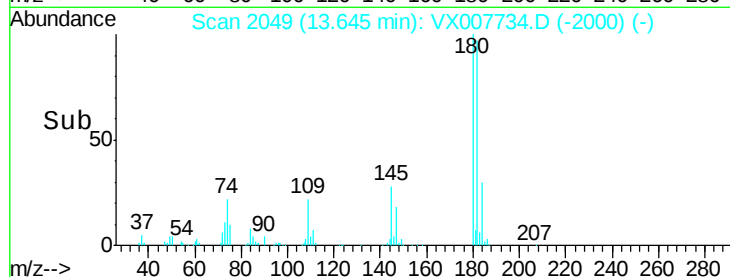
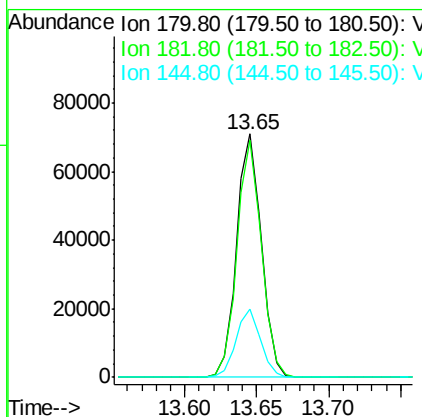
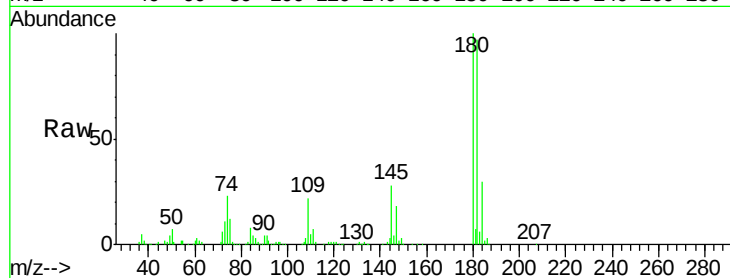
ClientSampleId :

VX0227MBS01

Tot Ion:	180	Resp:	85094
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.8	143.3
145	28.0	14.1	42.2

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 25.531 ug/l

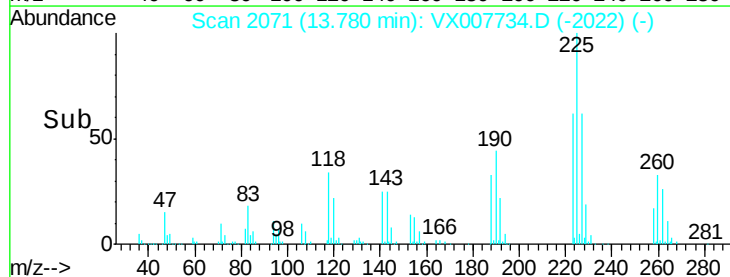
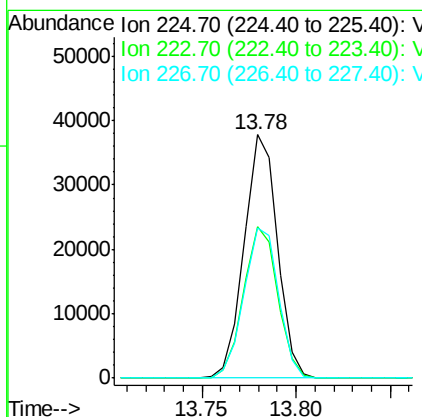
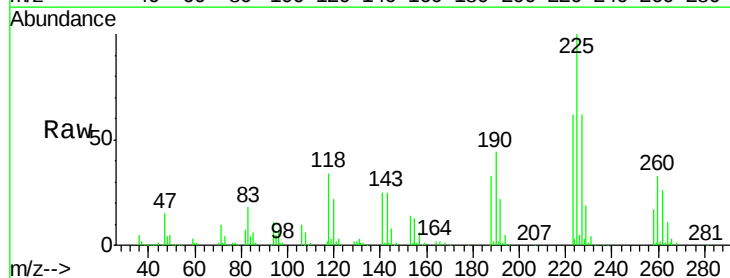
RT: 13.78 min Scan# 2071

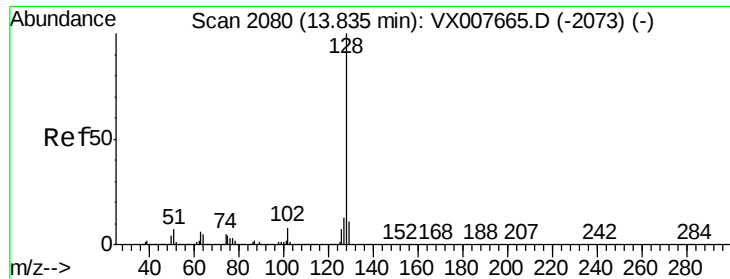
Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion:	225	Resp:	46378
Ion Ratio	Lower	Upper	
225	100		
223	64.0	31.6	94.8
227	64.2	32.1	96.3





#95

Naphthalene

Concen: 19.593 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Instrument :

MSVOA_X

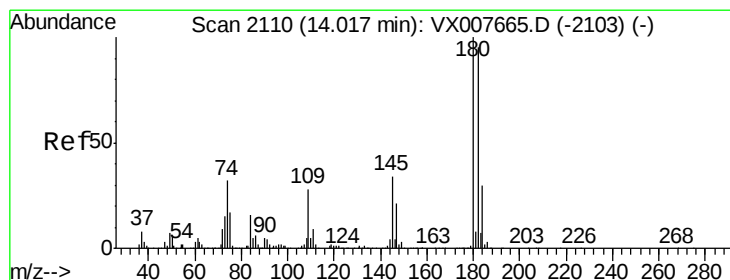
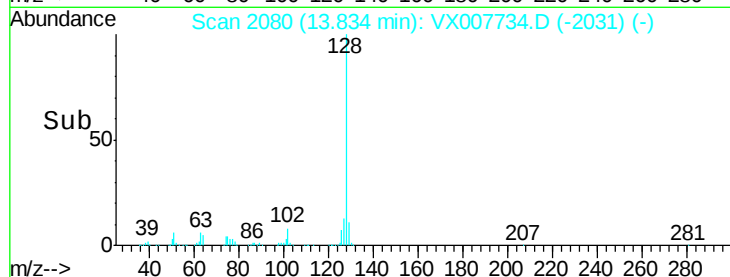
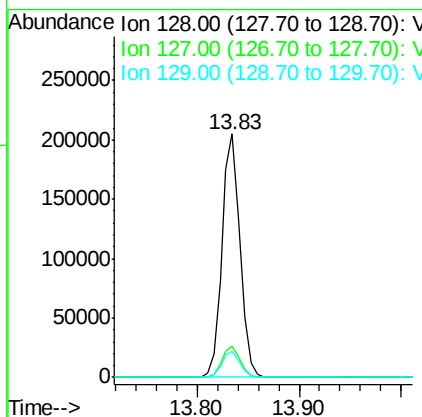
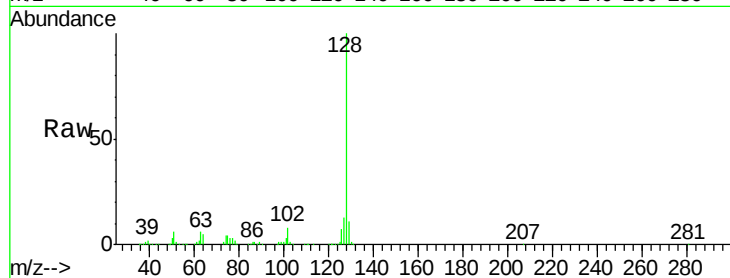
ClientSampleId :

VX0227MBS01

Tot Ion:	128	Resp:	252065
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/28/2019 12:22:48 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.030 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007734.D

Acq: 27 Feb 2019 15:24

Tgt Ion:	180	Resp:	87837
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.5	142.6
145	29.8	14.9	44.5

