

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
 Data File : VX007810.D
 Acq On : 04 Mar 2019 15:02
 Operator : JC/SP
 Sample : VX0304WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 9:34:37 AM

Quant Time: Mar 04 15:57:36 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	308078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	454589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	401436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	167098	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	
35) Dibromofluoromethane	5.51	113	146938	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	8.71	98	550135	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.13	95	196754	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47658	16.793	ug/l	97
3) Chloromethane	1.33	50	59273	18.847	ug/l	100
4) Vinyl Chloride	1.41	62	62657	19.419	ug/l	100
5) Bromomethane	1.64	94	33764	15.541	ug/l	99
6) Chloroethane	1.73	64	41125	19.950	ug/l	96
7) Trichlorofluoromethane	1.93	101	84858	17.156	ug/l	99
8) Diethyl Ether	2.19	74	38489	18.960	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51459	17.213	ug/l	99
10) Methyl Iodide	2.51	142	75392	20.253	ug/l	98
11) Tert butyl alcohol	3.07	59	78373	108.243	ug/l	99
12) 1,1-Dichloroethene	2.38	96	50337	18.679	ug/l	97
13) Acrolein	2.30	56	73663	114.490	ug/l	99
14) Allyl chloride	2.73	41	106034	21.280	ug/l	91
15) Acrylonitrile	3.15	53	182364	107.027	ug/l	98
16) Acetone	2.45	43	156583	92.269	ug/l	99
17) Carbon Disulfide	2.57	76	142324	18.984	ug/l	100
18) Methyl Acetate	2.78	43	85799	23.170	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	188352	20.071	ug/l	99
20) Methylene Chloride	2.86	84	57778	18.438	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	55205	18.844	ug/l	93
22) Diisopropyl ether	3.87	45	206744	19.932	ug/l	96
23) Vinyl Acetate	3.82	43	891752	97.989	ug/l	98
24) 1,1-Dichloroethane	3.70	63	109993	19.511	ug/l	98
25) 2-Butanone	4.70	43	258199	99.883	ug/l	96
26) 2,2-Dichloropropane	4.59	77	73488	16.331	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65895	17.677	ug/l	94
28) Bromochloromethane	5.02	49	54748	19.949	ug/l	87
29) Tetrahydrofuran	5.15	42	169709	99.596	ug/l	95
30) Chloroform	5.21	83	105137	17.411	ug/l	98
31) Cyclohexane	5.57	56	95893	18.084	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	87478	17.517	ug/l	99
36) 1,1-Dichloropropene	5.80	75	78186	19.131	ug/l	97
37) Ethyl Acetate	4.85	43	96072	21.162	ug/l	99
38) Carbon Tetrachloride	5.79	117	73903	18.002	ug/l	96

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Manual Integrations
 APPROVED

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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	92306	17.871	ug/l	94
40) Benzene	6.15	78	243932	19.335	ug/l	99
41) Methacrylonitrile	5.06	41	53817	22.200	ug/l	95
42) 1,2-Dichloroethane	6.20	62	80700	19.031	ug/l	98
43) Isopropyl Acetate	6.46	43	146449	20.960	ug/l	98
44) Trichloroethene	7.21	130	66302	19.104	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65343	19.994	ug/l	95
46) Dibromomethane	7.66	93	41063	18.011	ug/l	97
47) Bromodichloromethane	7.90	83	75043	18.993	ug/l	98
48) Methyl methacrylate	7.77	41	76460	20.876	ug/l	92
49) 1,4-Dioxane	7.75	88	31915	403.452	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	483084	103.288	ug/l	99
52) Toluene	8.78	92	149826	18.833	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82084	18.577	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	93628	19.527	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	63125	19.028	ug/l	98
56) Ethyl methacrylate	9.18	69	95768	20.300	ug/l	95
57) 1,3-Dichloropropane	9.37	76	103398	19.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	273443	105.107	ug/l	97
59) 2-Hexanone	9.49	43	365863	99.638	ug/l	99
60) Dibromochloromethane	9.58	129	62139	19.466	ug/l	97
61) 1,2-Dibromoethane	9.67	107	65527	19.024	ug/l	100
64) Tetrachloroethene	9.34	164	65696	20.159	ug/l	97
65) Chlorobenzene	10.14	112	166727	19.203	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	59872	19.769	ug/l	99
67) Ethyl Benzene	10.25	91	276759	19.243	ug/l	99
68) m/p-Xylenes	10.36	106	212049	37.898	ug/l	97
69) o-Xylene	10.69	106	103631	19.255	ug/l	96
70) Styrene	10.71	104	170725	19.299	ug/l	99
71) Bromoform	10.86	173	48293	21.265	ug/l #	99
73) Isopropylbenzene	11.02	105	280406	19.222	ug/l	99
74) N-amyl acetate	10.90	43	125868	19.869	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	93984	18.628	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	78581m	18.062	ug/l	
77) Bromobenzene	11.26	156	74965	20.488	ug/l	95
78) n-propylbenzene	11.36	91	304606	18.479	ug/l	98
79) 2-Chlorotoluene	11.42	91	185470	18.686	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	227911	18.994	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26550	18.378	ug/l	94
82) 4-Chlorotoluene	11.51	91	211185	18.188	ug/l	98
83) tert-Butylbenzene	11.77	119	225800	19.599	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	235377	19.177	ug/l	100
85) sec-Butylbenzene	11.94	105	272768	18.894	ug/l	99
86) p-Isopropyltoluene	12.06	119	242987	19.219	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	131686	19.403	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	130640	18.795	ug/l	98
89) n-Butylbenzene	12.38	91	199459	17.689	ug/l	99
90) Hexachloroethane	12.60	117	38460	18.054	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	130513	19.219	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19561	17.794	ug/l	98

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ClientSampleId :
VX0304WBS01

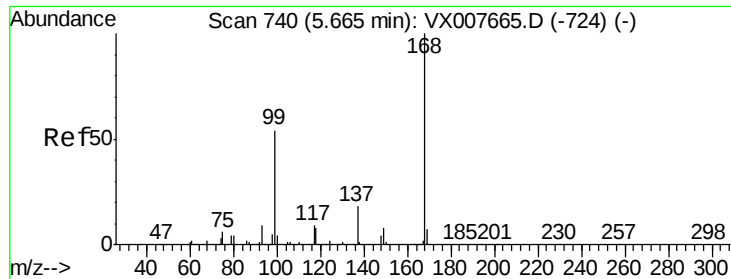
Manual Integrations
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QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	91908	22.172	ug/l	99
94) Hexachlorobutadiene	13.78	225	47051	24.813	ug/l	100
95) Naphthalene	13.83	128	282866	21.063	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92572	22.242	ug/l	98

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



#1

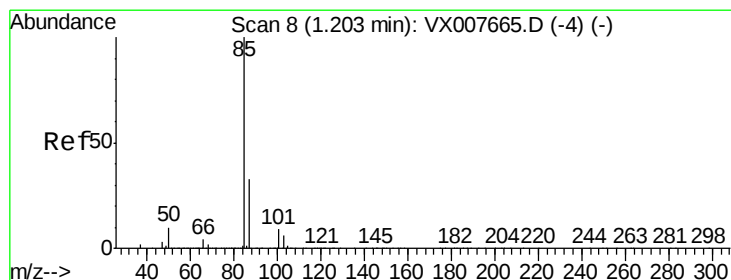
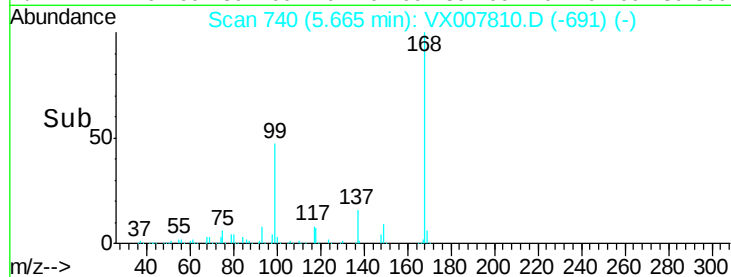
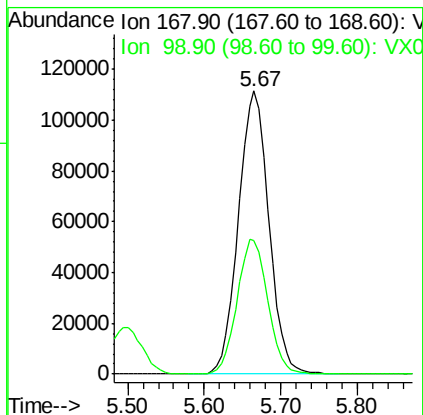
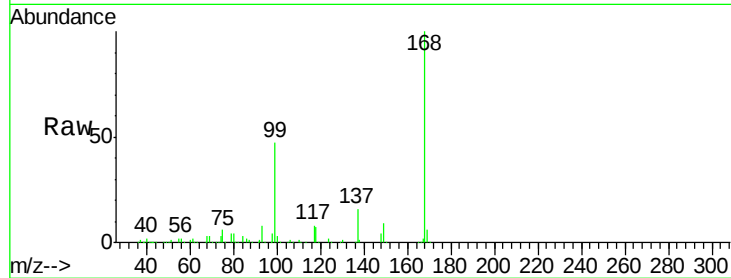
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.3	37.9	56.9

Manual Integrations
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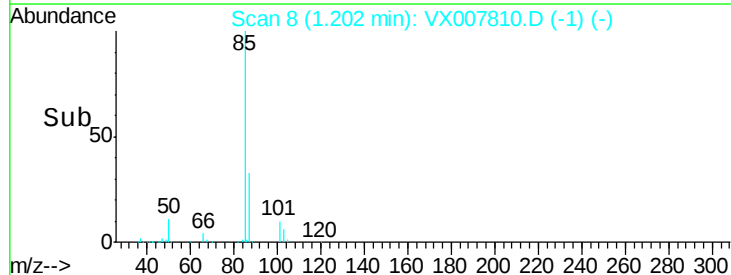
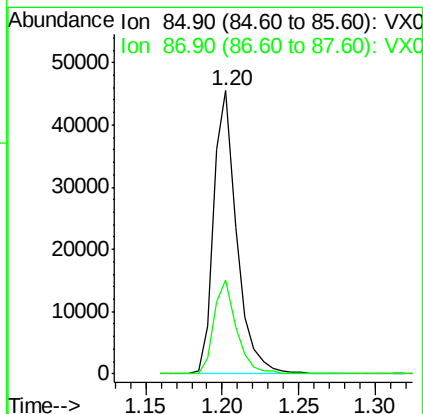
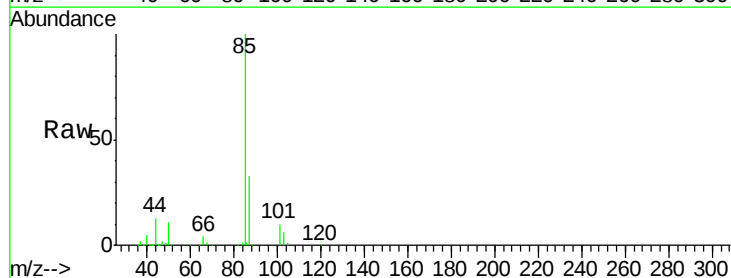
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#2

Dichlorodifluoromethane
 Concen: 16.793 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.8	47.4





#3

Chloromethane

Concen: 18.847 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 50 Resp: 59273

Ion Ratio Lower Upper

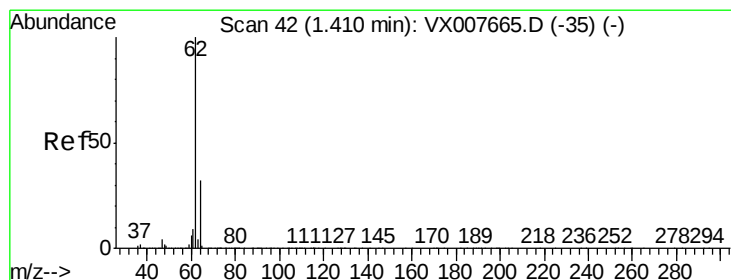
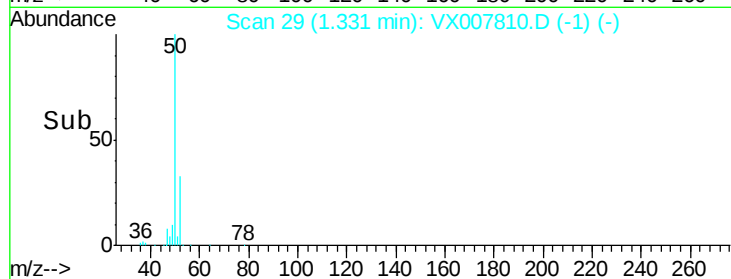
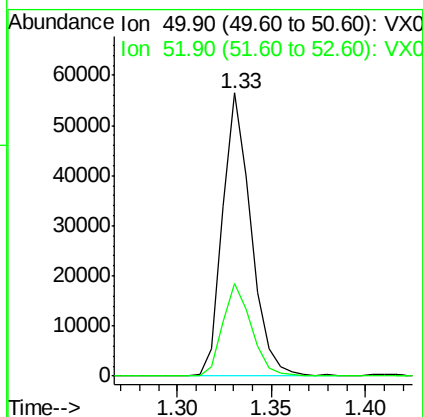
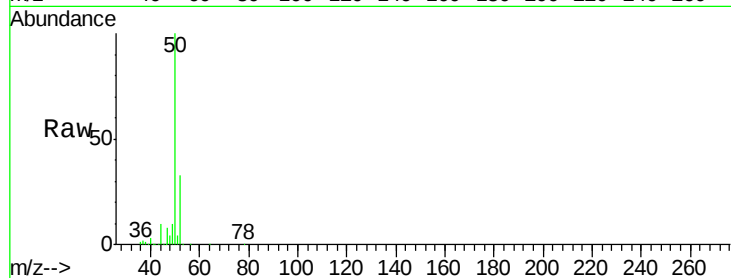
50 100

52 32.8 26.1 39.1

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#4

Vinyl Chloride

Concen: 19.419 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007810.D

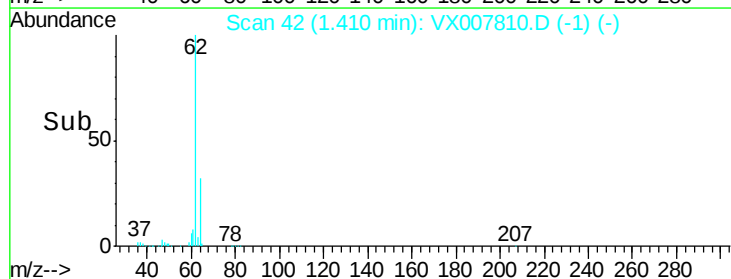
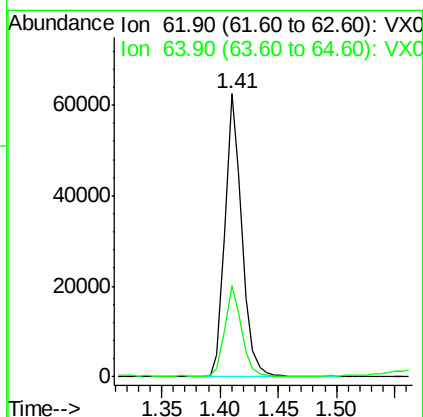
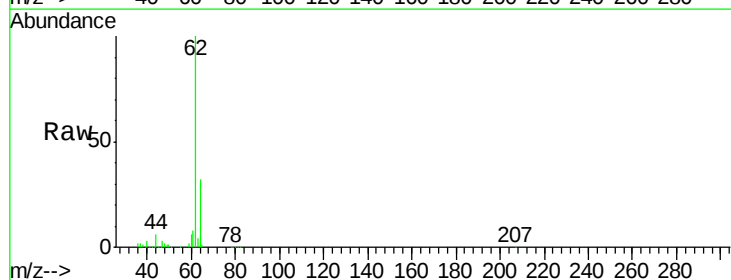
Acq: 04 Mar 2019 15:02

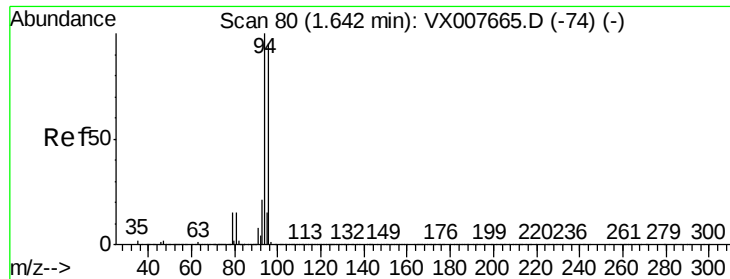
Tgt Ion: 62 Resp: 62657

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 15.541 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 94 Resp: 33764

Ion Ratio Lower Upper

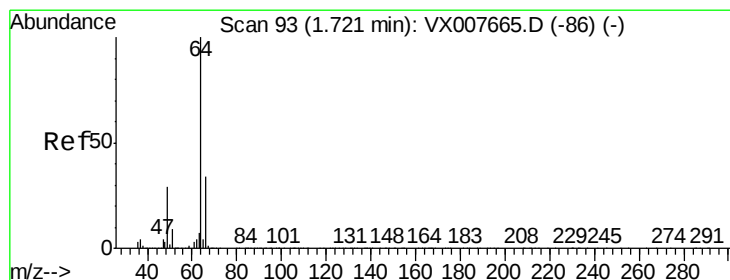
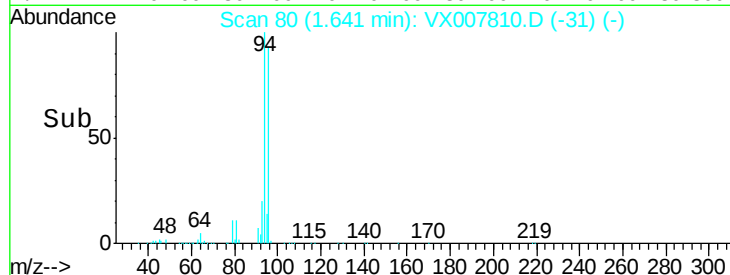
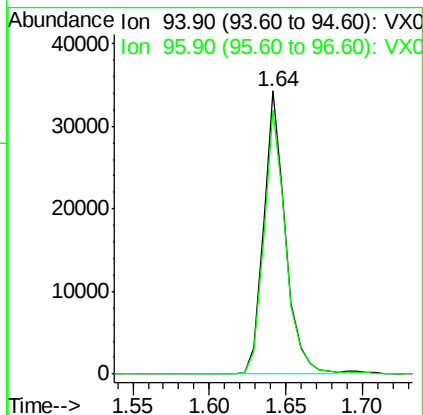
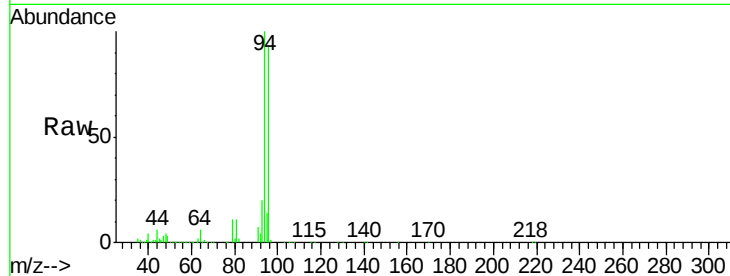
94 100

96 93.6 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 19.950 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007810.D

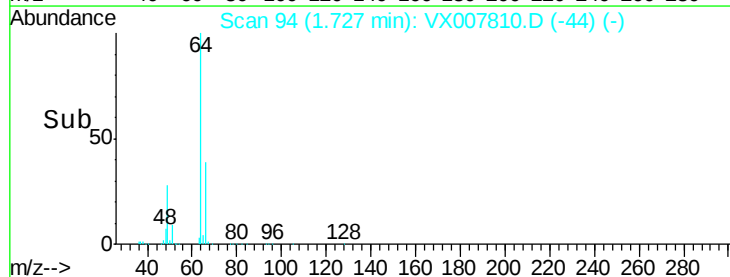
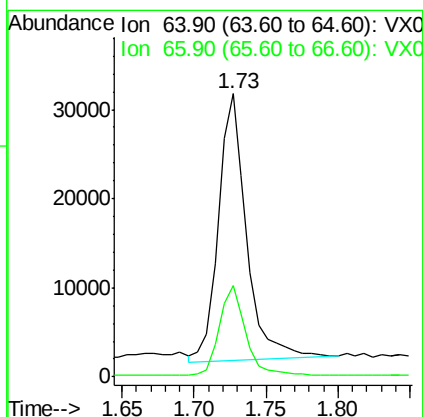
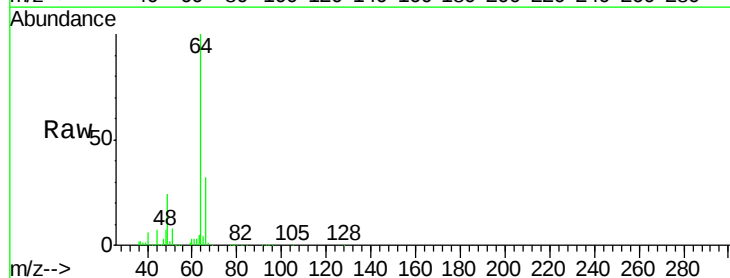
Acq: 04 Mar 2019 15:02

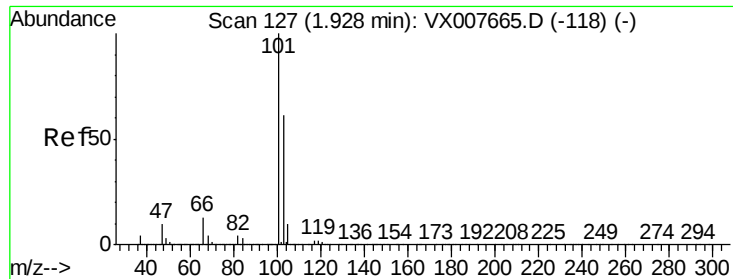
Tgt Ion: 64 Resp: 41125

Ion Ratio Lower Upper

64 100

66 34.2 25.5 38.3





#7

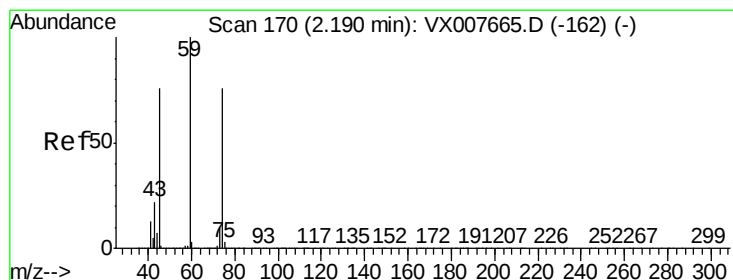
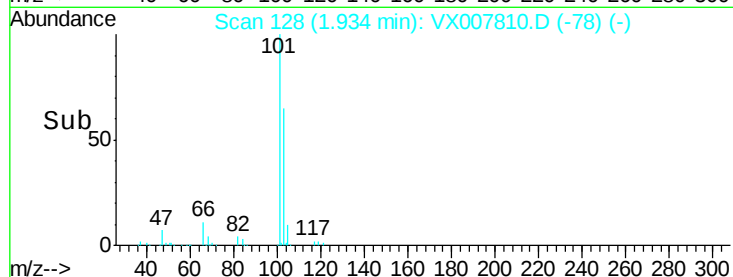
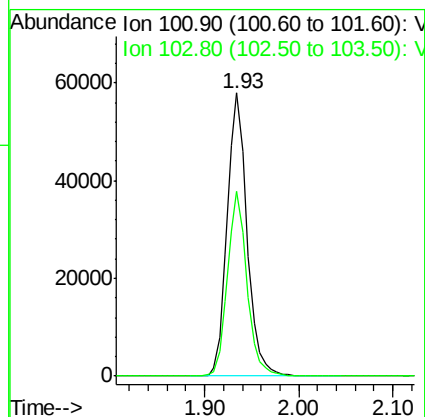
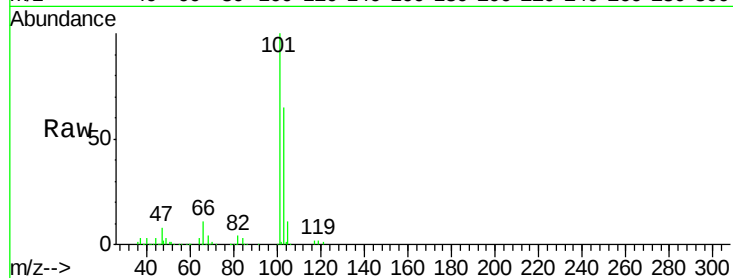
Trichlorofluoromethane
Concen: 17.156 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.6	79.0

Manual Integrations
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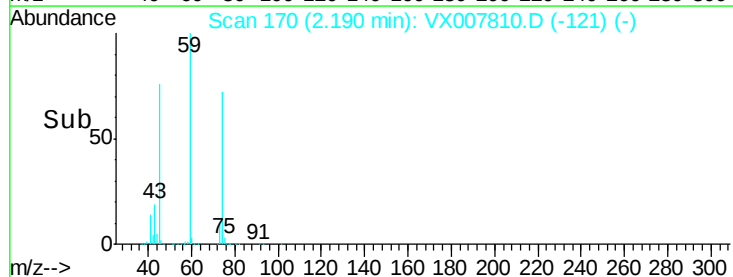
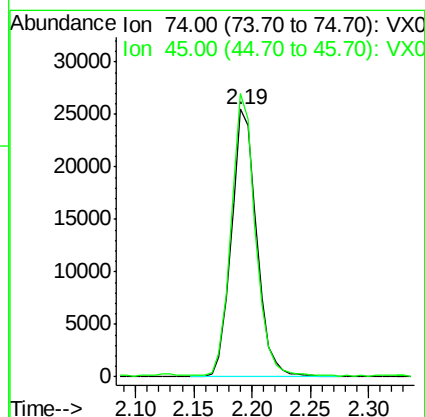
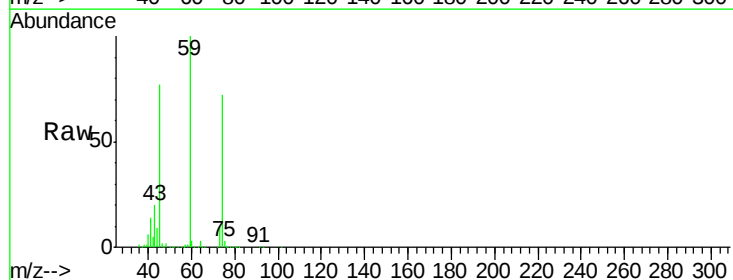
MMDadoda
3/5/2019 9:34:37 AM

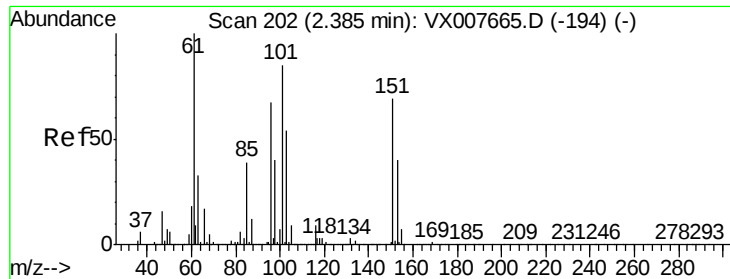


#8

Diethyl Ether
Concen: 18.960 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.9	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.213 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

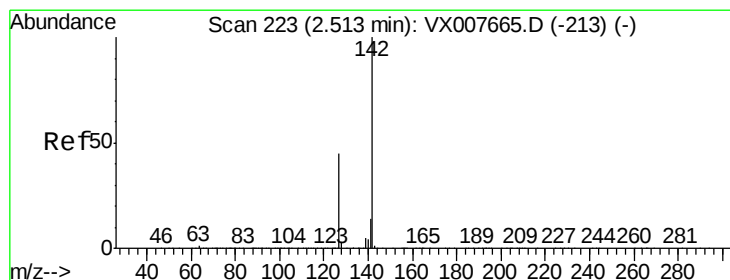
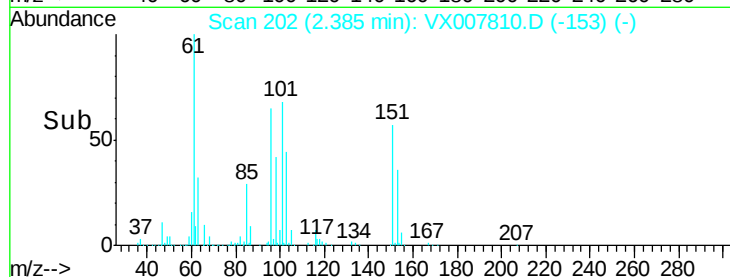
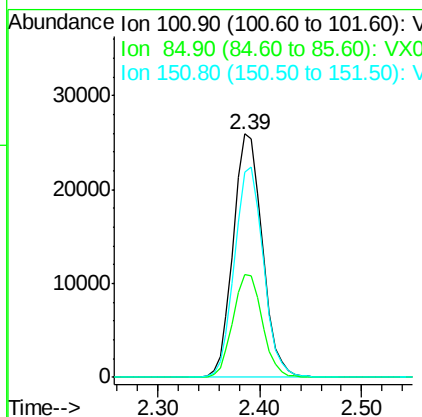
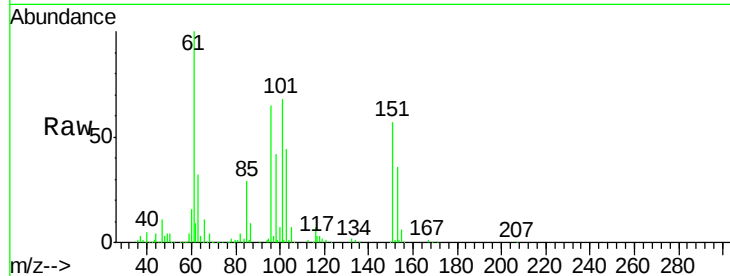
ClientSampleId :

VX0304WBS01

Tot Ion:	101	Resp:	51459
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.1	51.1
151	85.5	69.9	104.9

Manual Integrations
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3/5/2019 9:34:37 AM



#10

Methyl Iodide

Concen: 20.253 ug/l

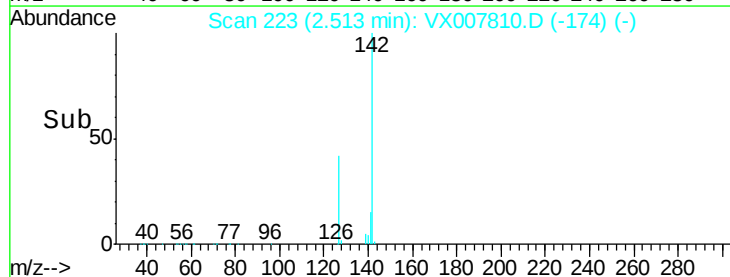
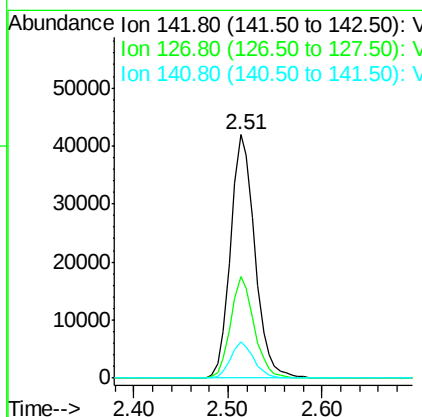
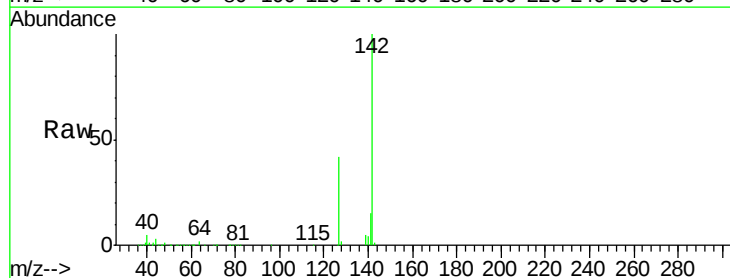
RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Tgt Ion:	142	Resp:	75392
Ion Ratio	Lower	Upper	
142	100		
127	40.4	33.7	50.5
141	14.5	11.3	16.9





#11

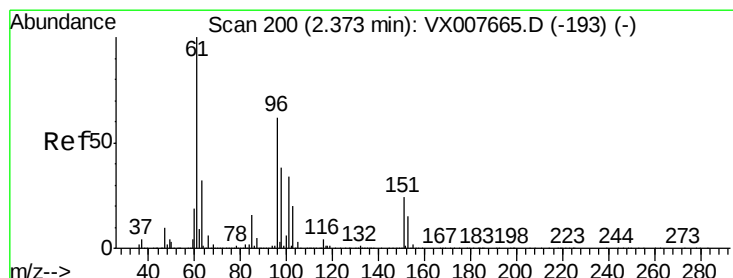
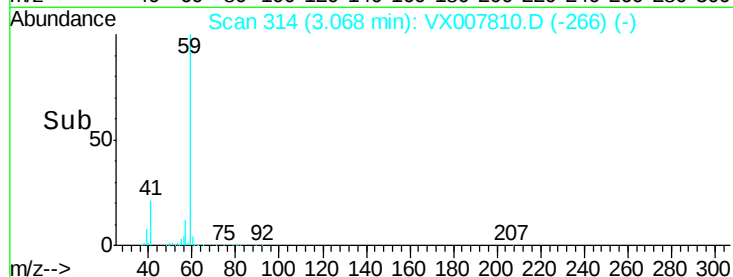
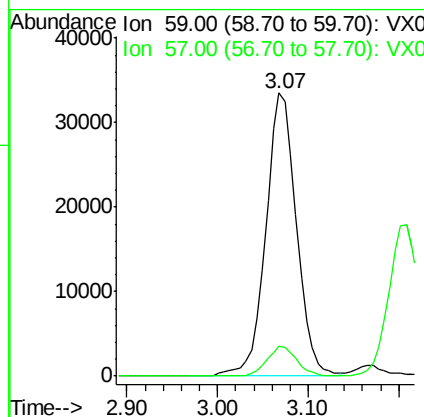
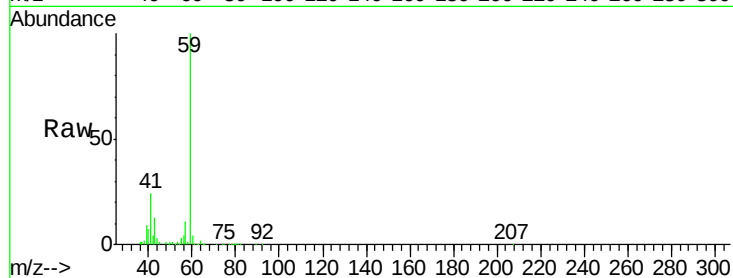
Tert butyl alcohol
Concen: 108.243 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

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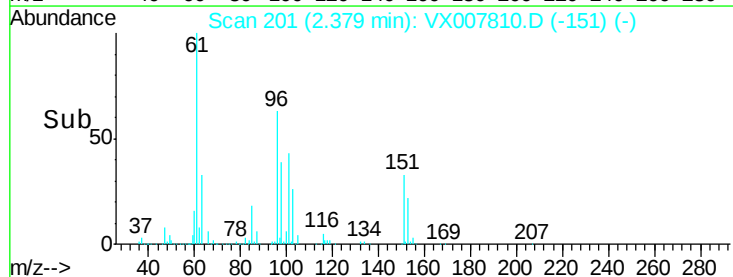
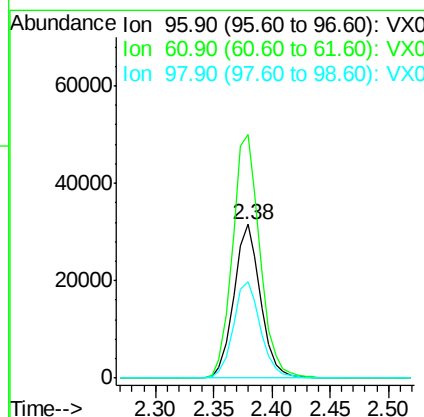
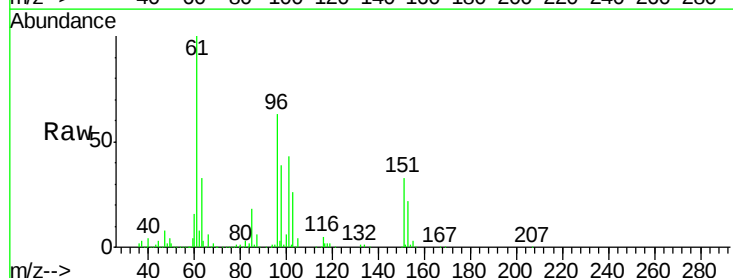
MMDadoda
3/5/2019 9:34:37 AM

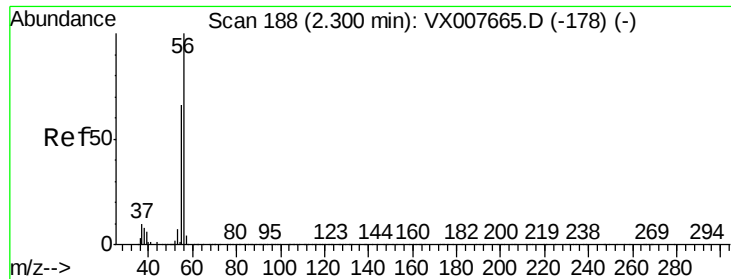


#12

1,1-Dichloroethene
Concen: 18.679 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.5	123.0	184.4
98	62.5	50.9	76.3





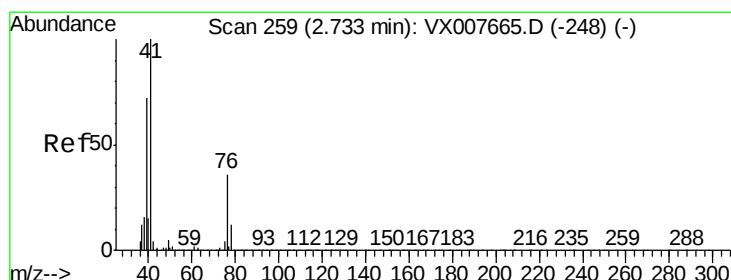
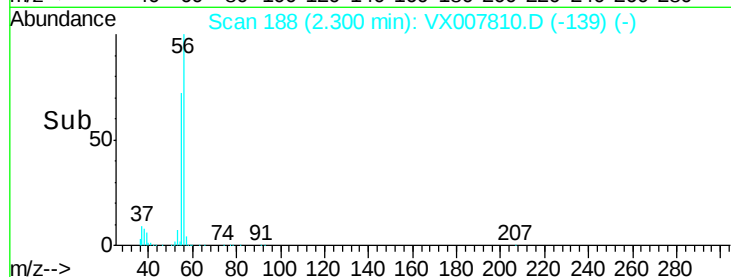
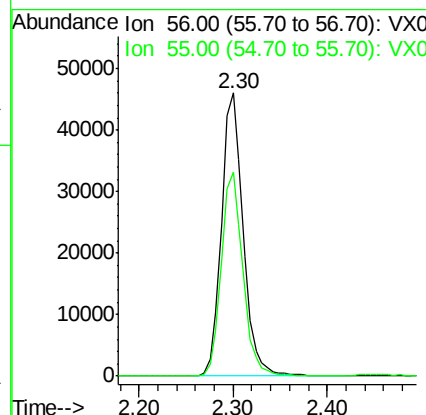
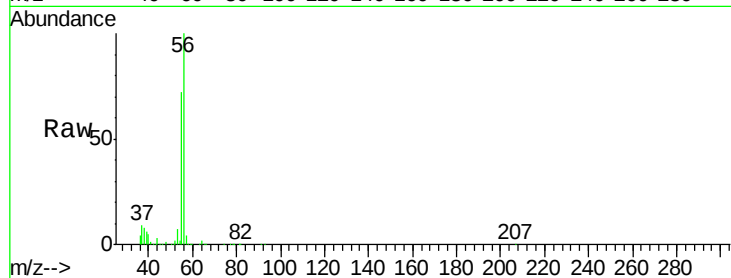
#13
Acrolein
Concen: 114.490 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.6	56.9	85.3

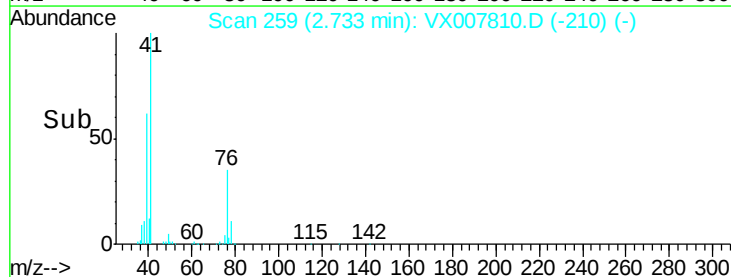
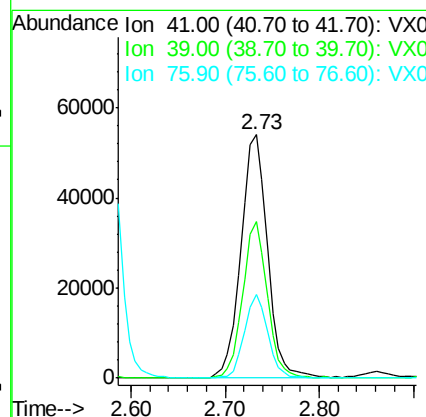
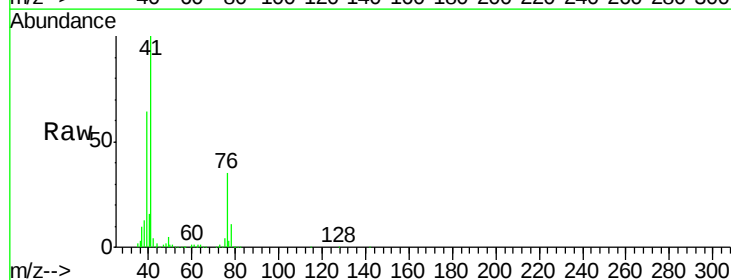
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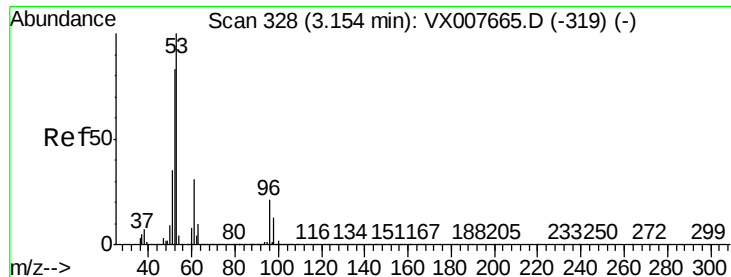
MMDadoda
3/5/2019 9:34:37 AM



#14
Allyl chloride
Concen: 21.280 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.4	54.1	81.1
76	30.2	27.8	41.8





#15

Acrylonitrile

Concen: 107.027 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

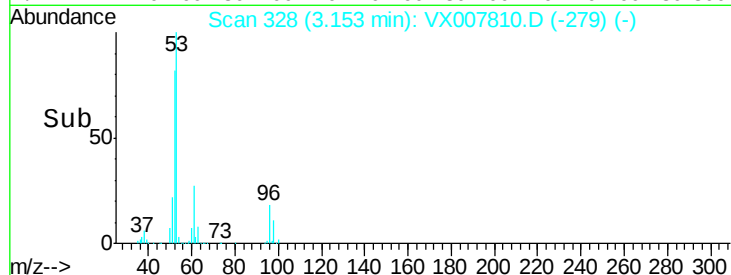
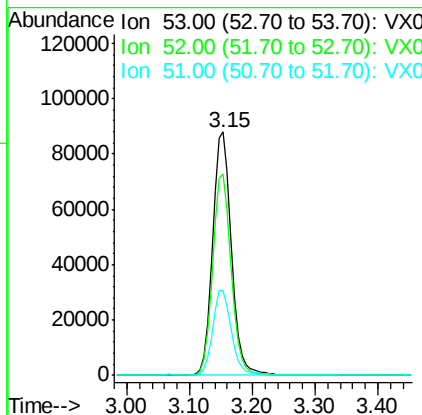
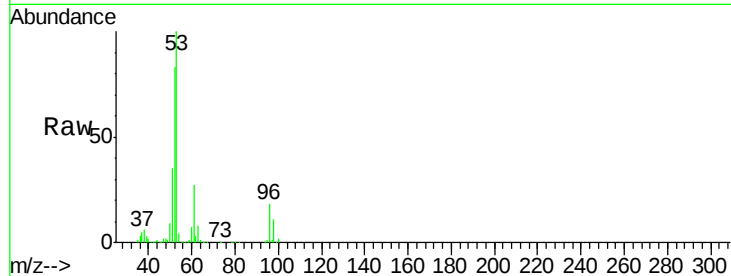
ClientSampleId :

VX0304WBS01

Tot Ion:	53	Resp:	182364
Ion Ratio		Lower	Upper
53	100		
52	81.3	66.4	99.6
51	35.0	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 92.269 ug/l

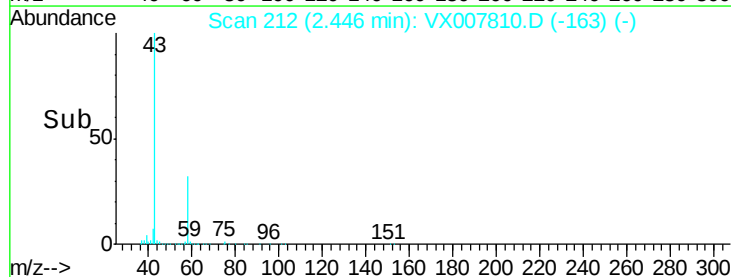
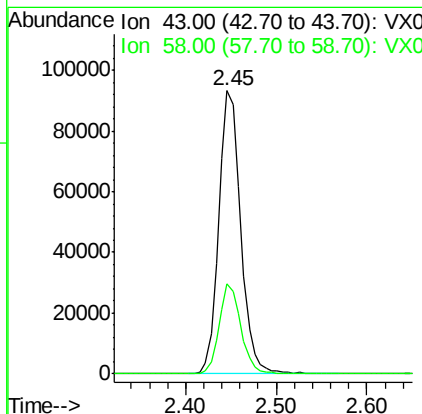
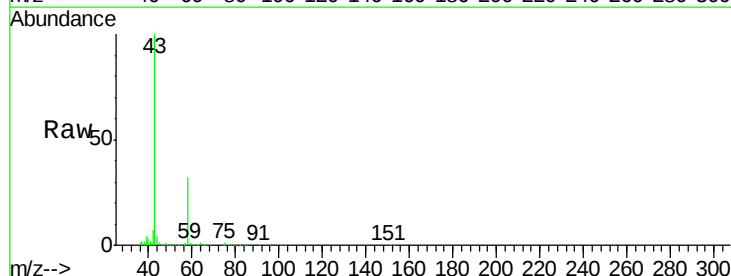
RT: 2.45 min Scan# 212

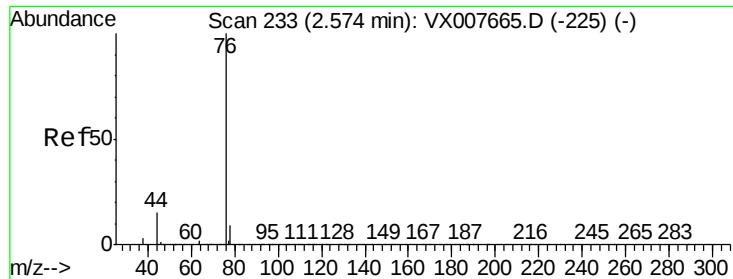
Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Tgt Ion:	43	Resp:	156583
Ion Ratio		Lower	Upper
43	100		
58	31.9	24.9	37.3





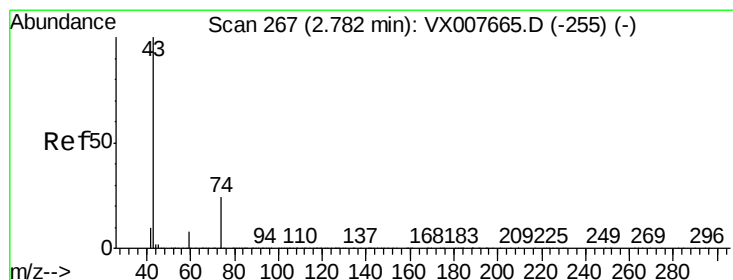
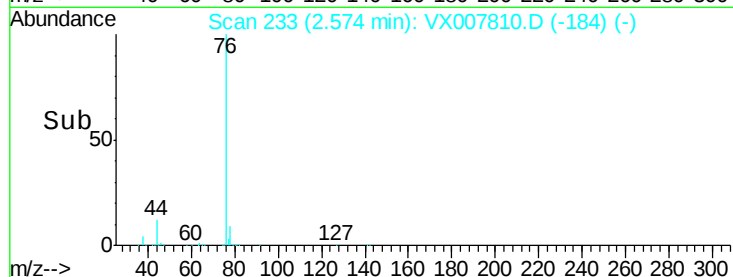
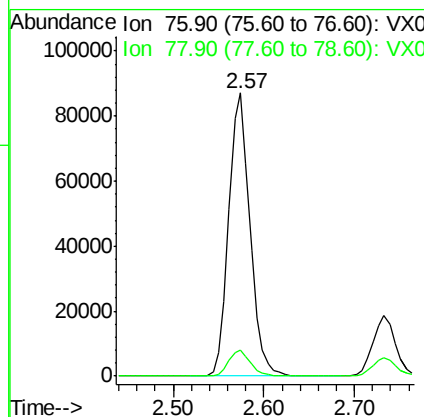
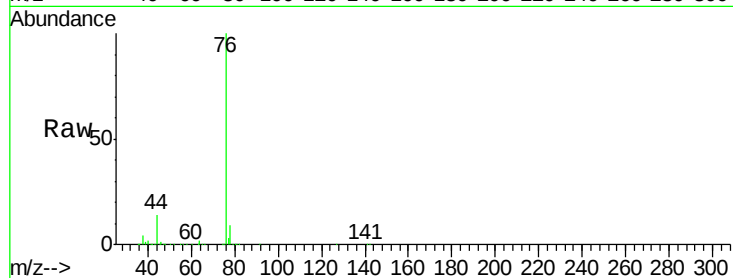
#17
Carbon Disulfide
Concen: 18.984 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

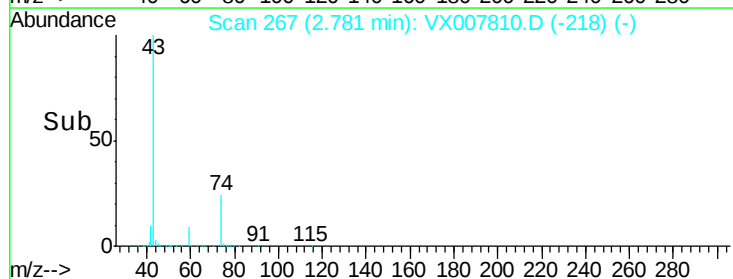
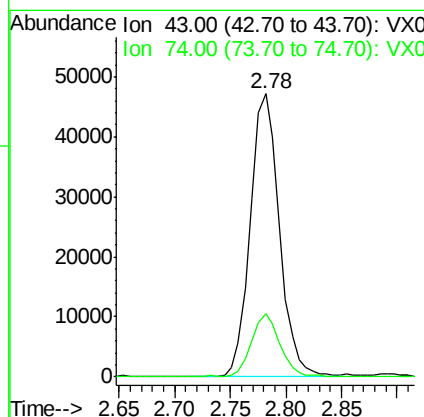
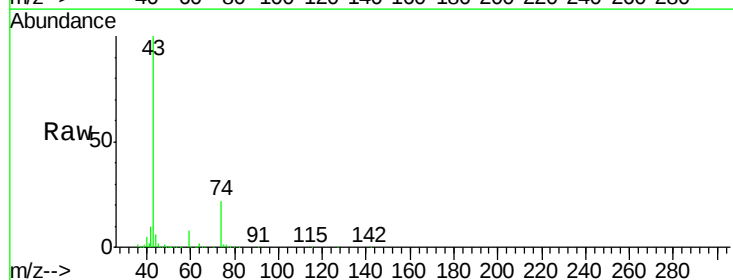
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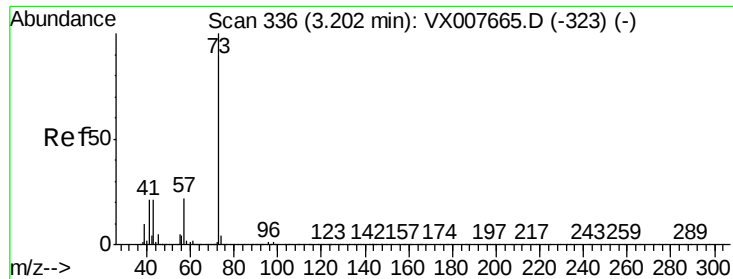
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#18
Methyl Acetate
Concen: 23.170 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	19.4	29.2





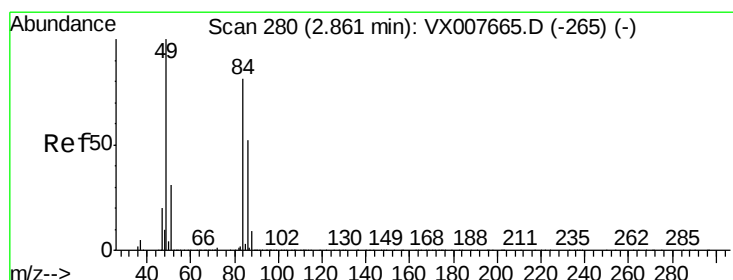
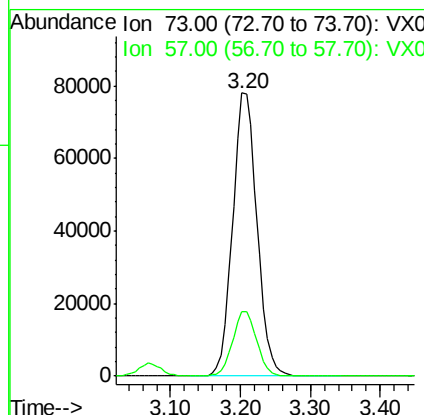
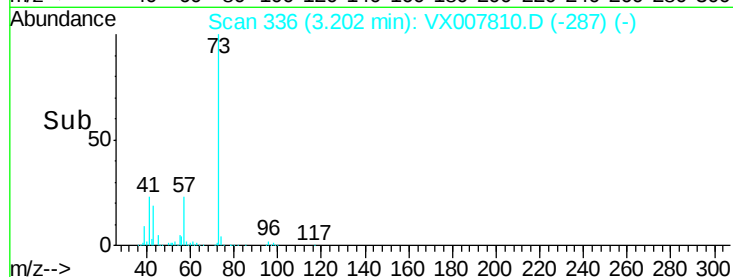
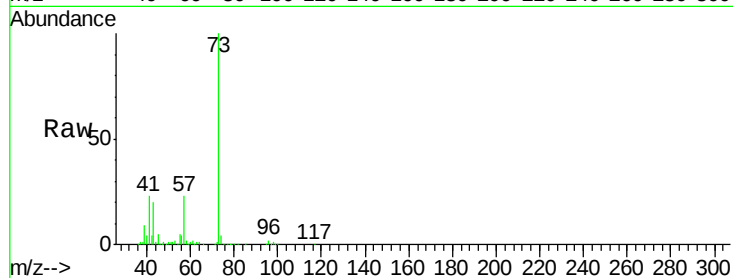
#19
Methvl tert-butvl Ether
Concen: 20.071 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion: 73 Resp: 188352
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.8

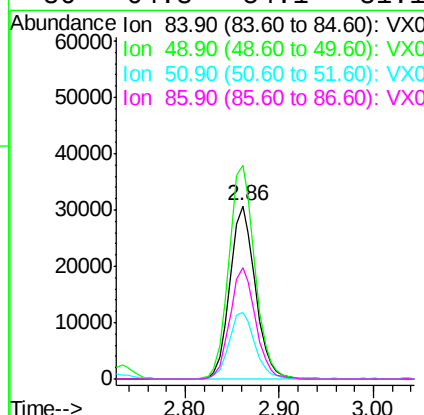
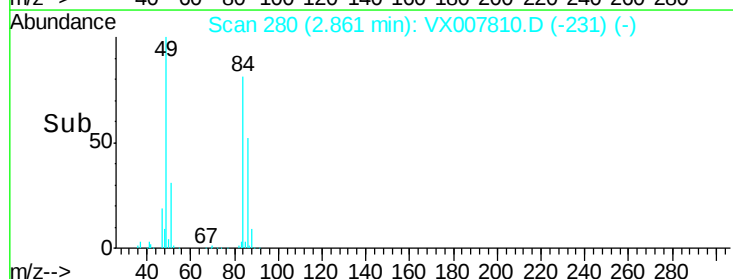
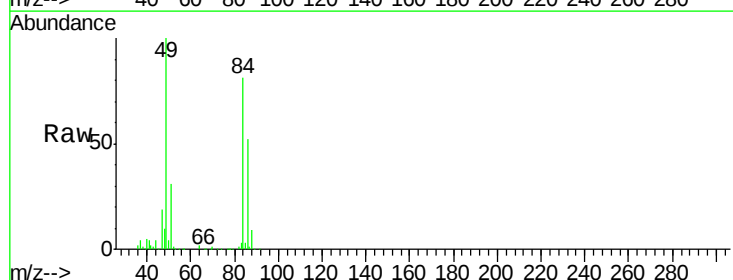
Manual Integrations
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3/5/2019 9:34:37 AM



#20
Methylene Chloride
Concen: 18.438 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 84 Resp: 57778
Ion Ratio Lower Upper
84 100
49 123.5 94.8 142.2
51 38.2 29.8 44.8
86 64.3 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.844 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

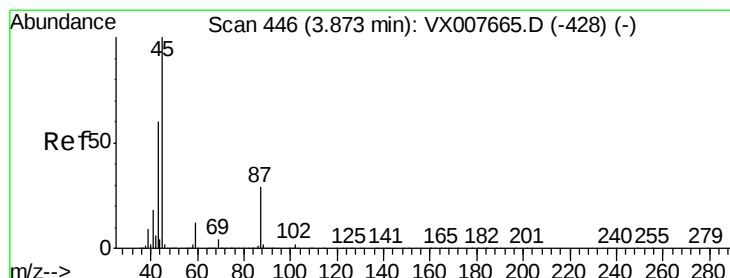
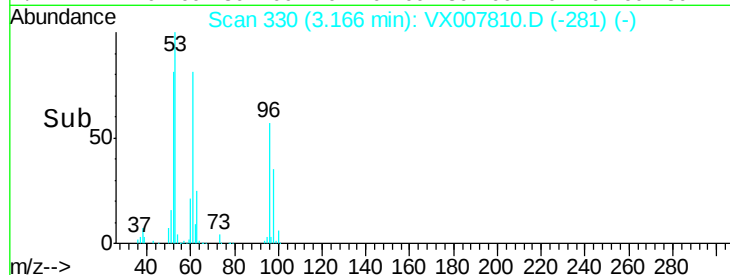
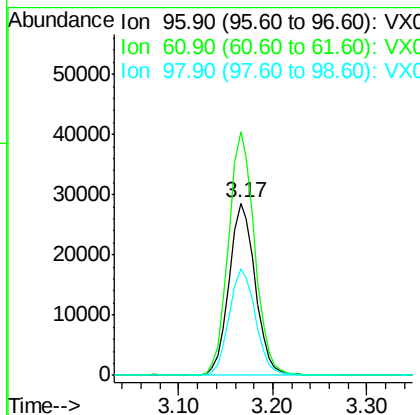
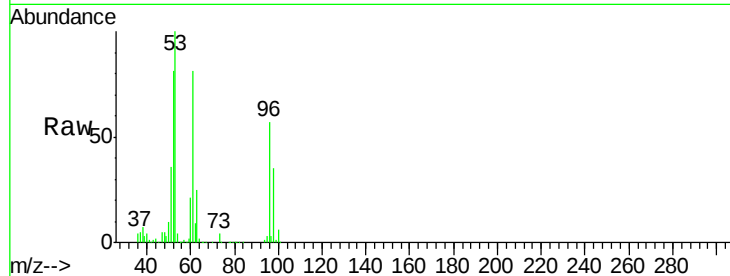
ClientSampleId :

VX0304WBS01

Tot Ion:	96	Resp:	55205
Ion	Ratio	Lower	Upper
96	100		
61	141.6	104.6	156.8
98	61.9	51.0	76.4

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#22

Diisopropyl ether

Concen: 19.932 ug/l

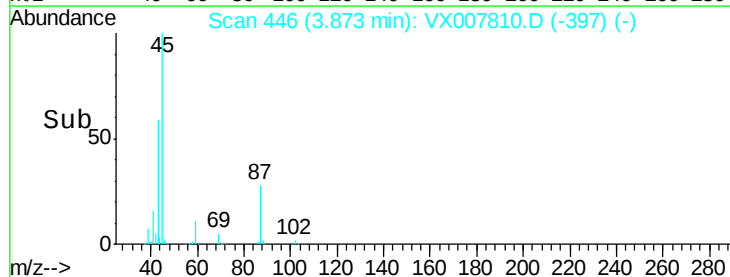
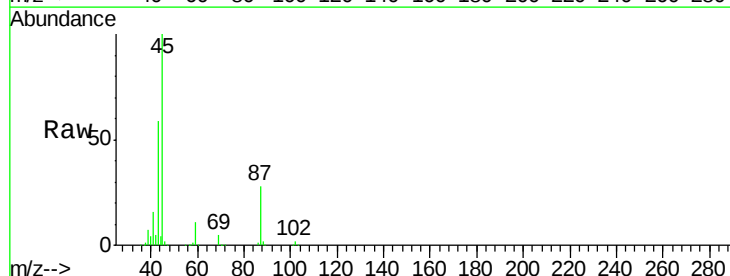
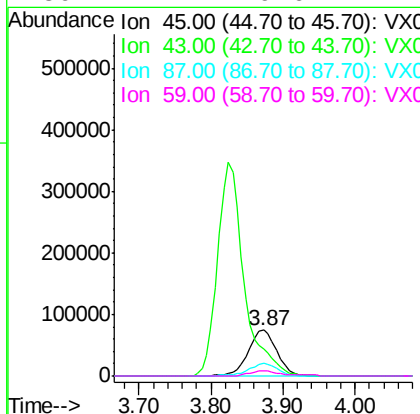
RT: 3.87 min Scan# 446

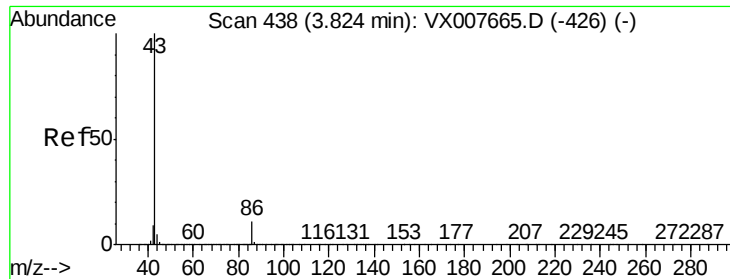
Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Tgt Ion:	45	Resp:	206744
Ion	Ratio	Lower	Upper
45	100		
43	58.4	48.9	73.3
87	27.7	23.9	35.9
59	11.2	9.6	14.4





#23

Vinyl Acetate

Concen: 97.989 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 43 Resp: 891752

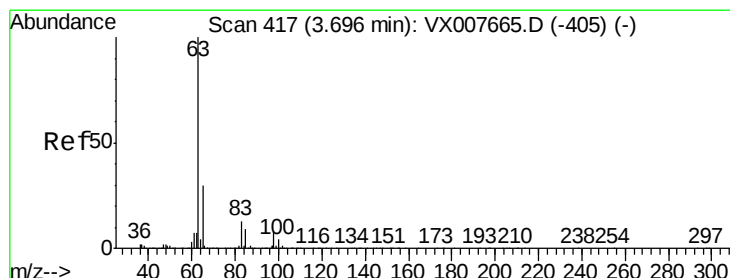
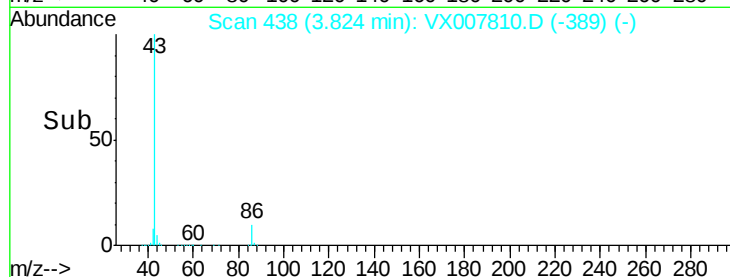
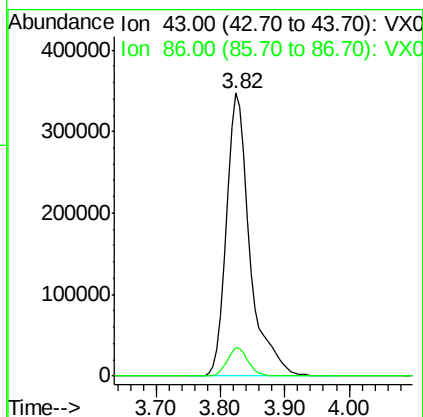
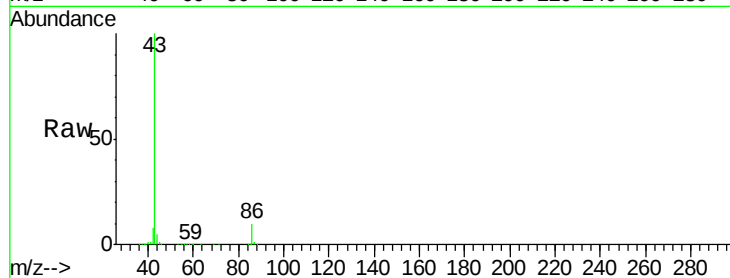
Ion Ratio Lower Upper

43 100

86 10.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.511 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

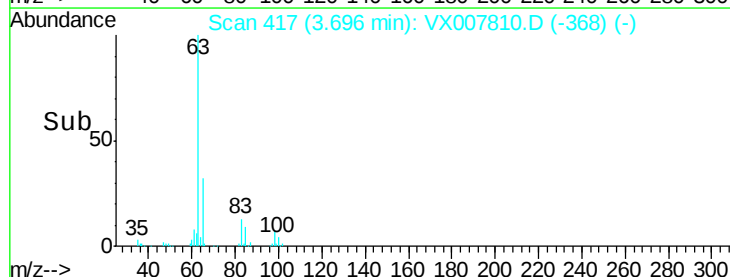
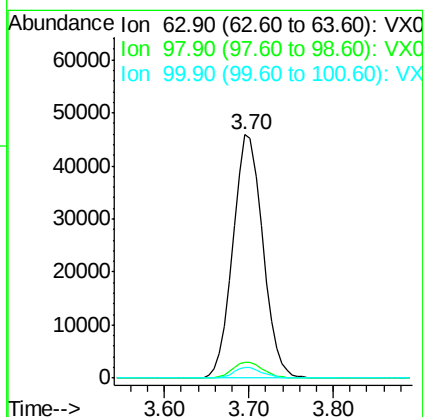
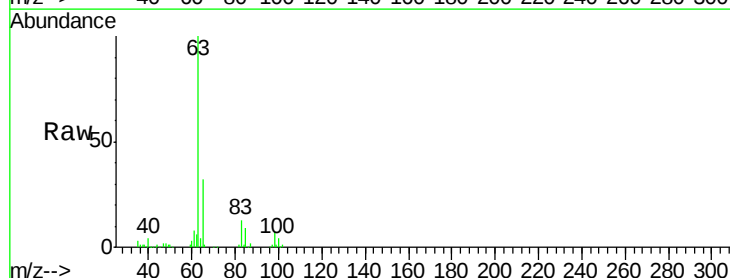
Tgt Ion: 63 Resp: 109993

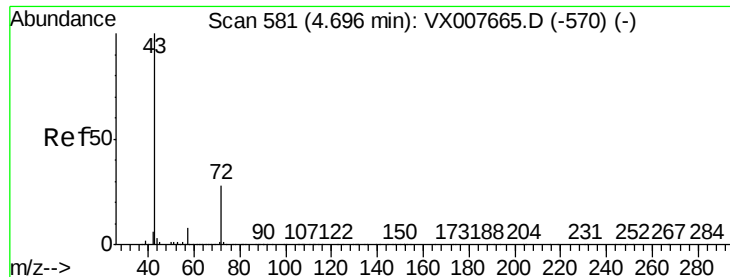
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 99.883 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 43 Resp: 258199

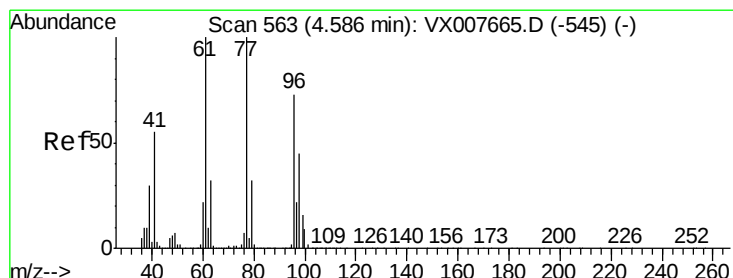
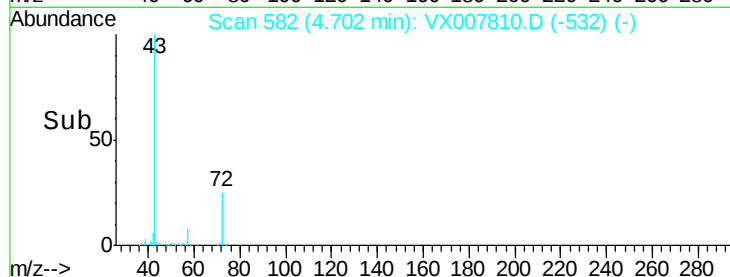
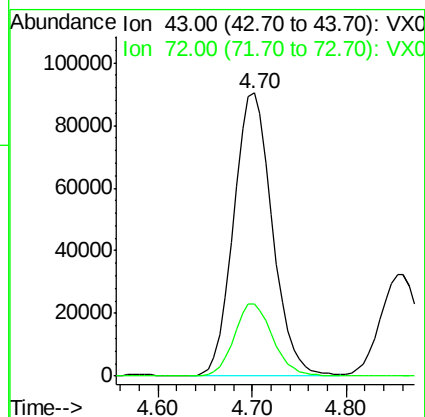
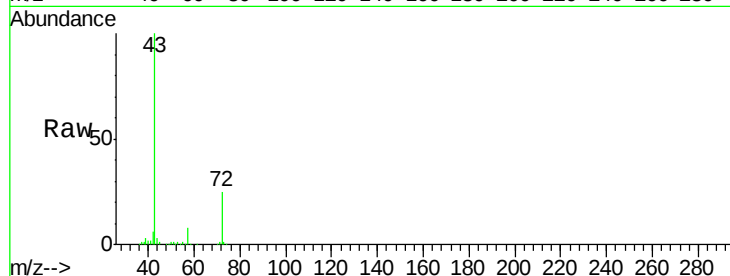
Ion Ratio Lower Upper

43 100

72 25.4 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 16.331 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007810.D

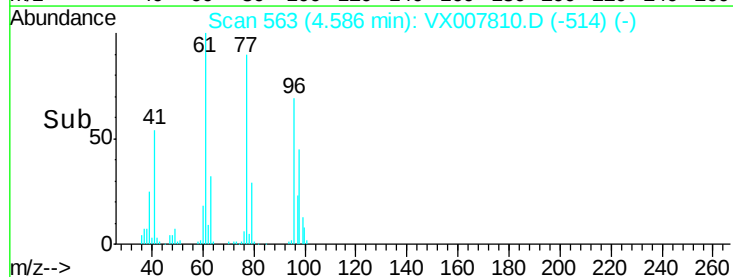
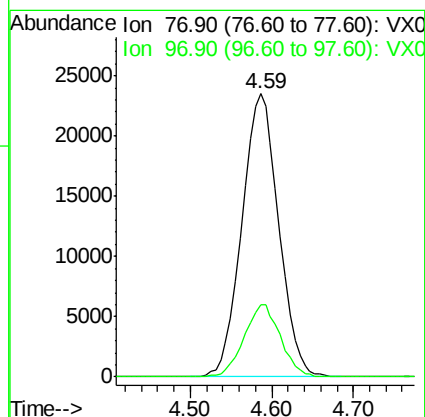
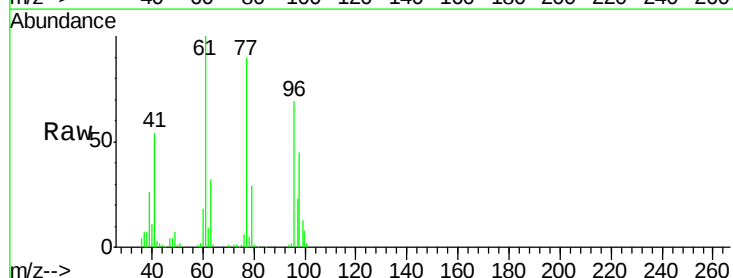
Acq: 04 Mar 2019 15:02

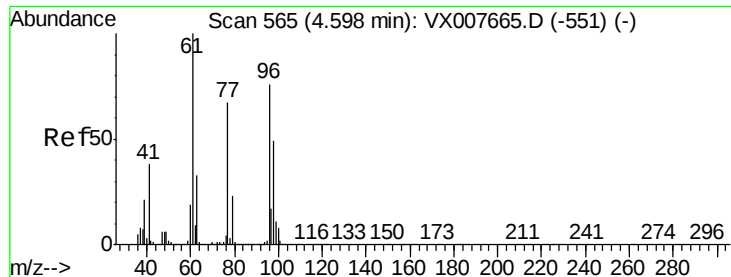
Tgt Ion: 77 Resp: 73488

Ion Ratio Lower Upper

77 100

97 25.2 12.1 36.3





#27

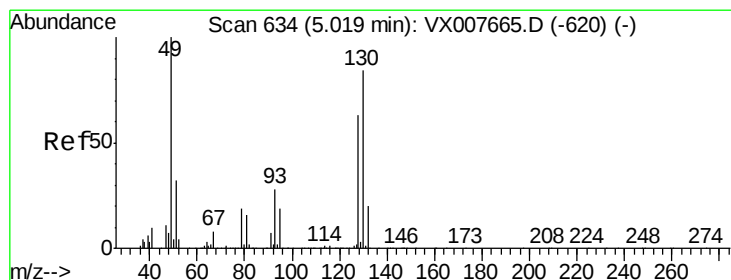
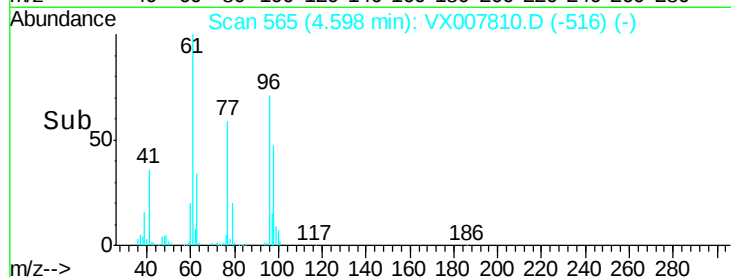
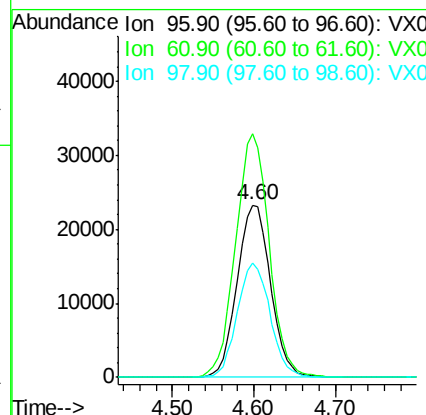
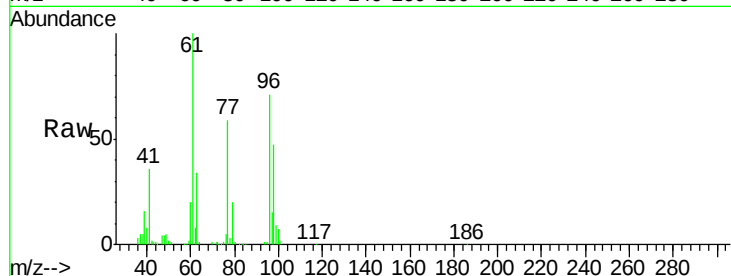
cis-1,2-Dichloroethene
Concen: 17.677 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	265.6
98	65.3	0.0	131.6

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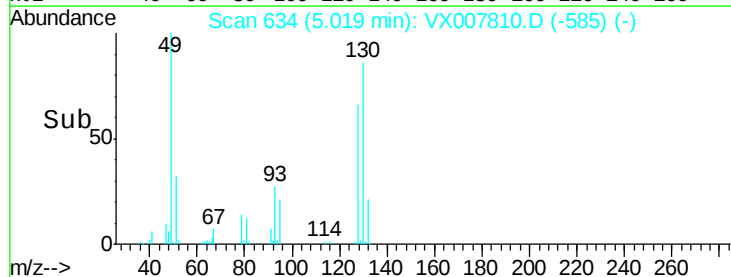
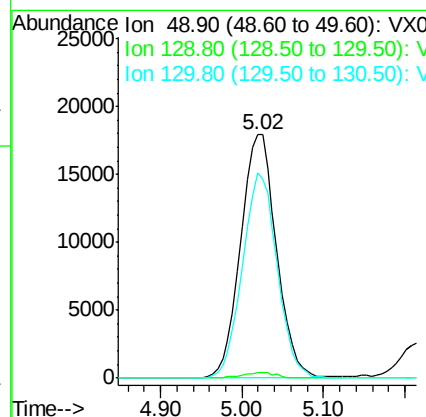
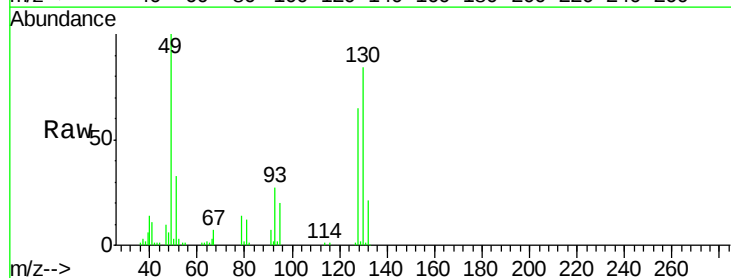
MMDadoda
3/5/2019 9:34:37 AM

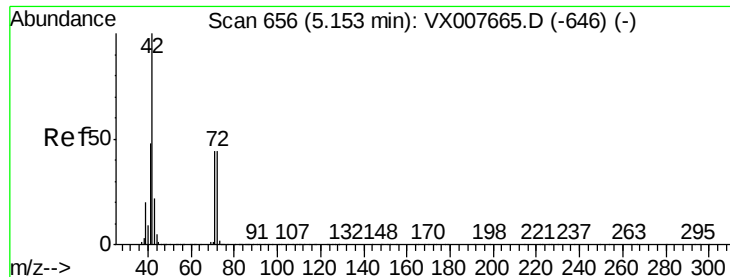


#28

Bromochloromethane
Concen: 19.949 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.6
130	81.5	75.6	113.4





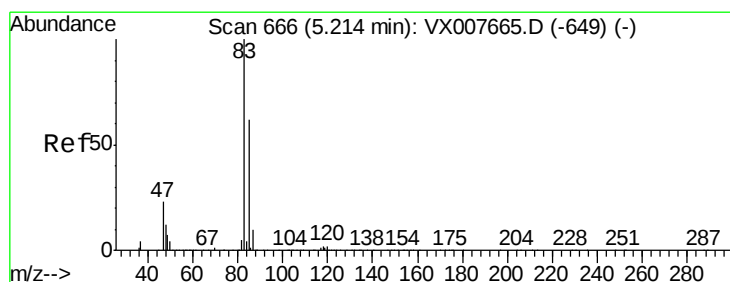
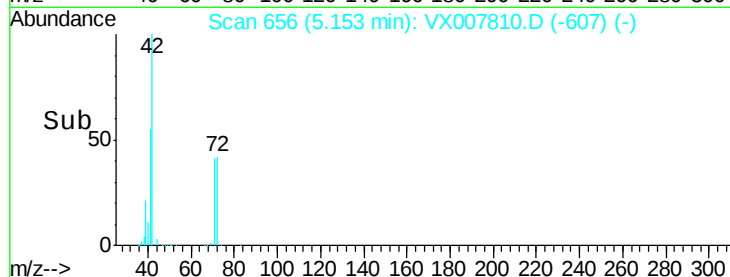
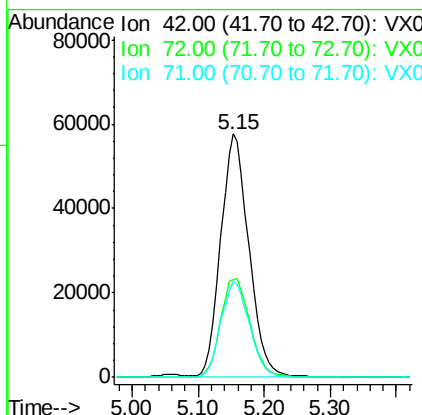
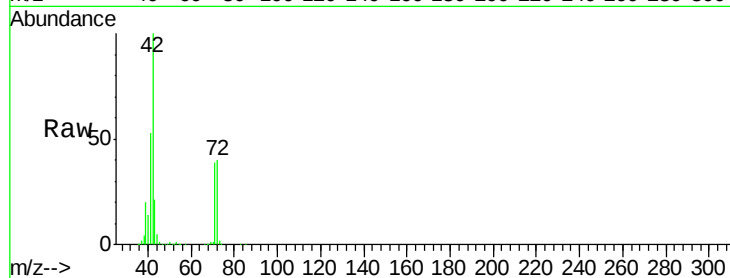
#29
Tetrahydrofuran
Concen: 99.596 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	37.6	56.4
71	40.1	34.6	51.8

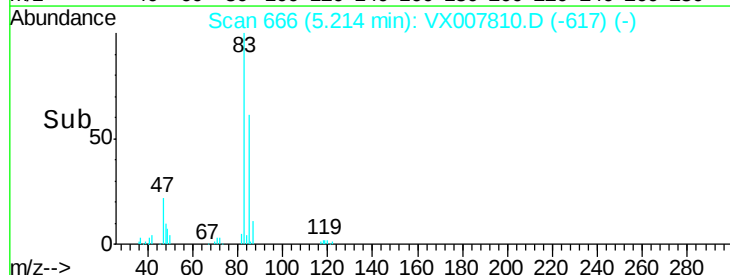
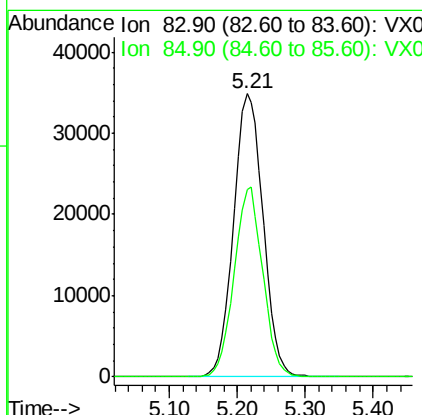
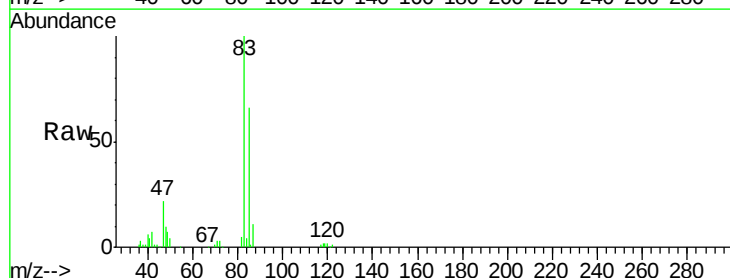
Manual Integrations
APPROVED

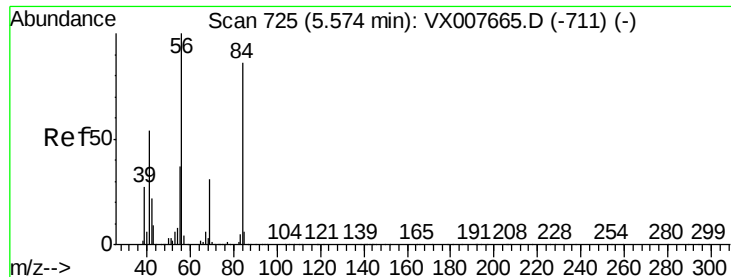
MMDadoda
3/5/2019 9:34:37 AM



#30
Chloroform
Concen: 17.411 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.6	77.4





#31

Cyclohexane

Concen: 18.084 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

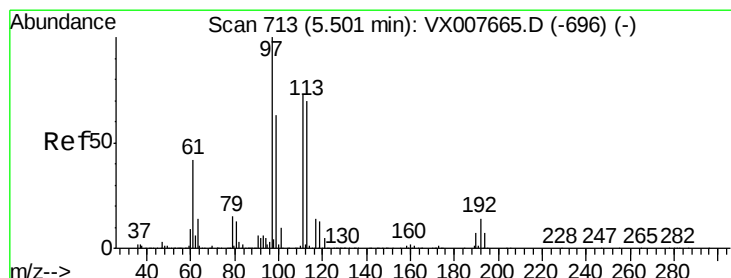
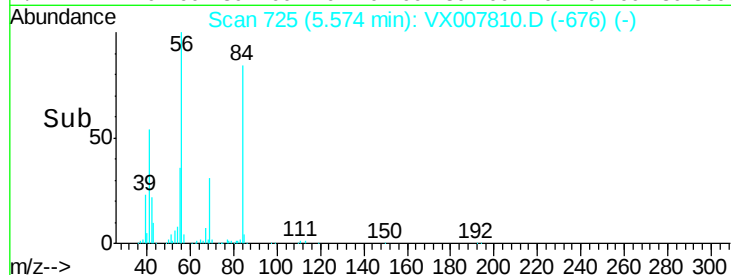
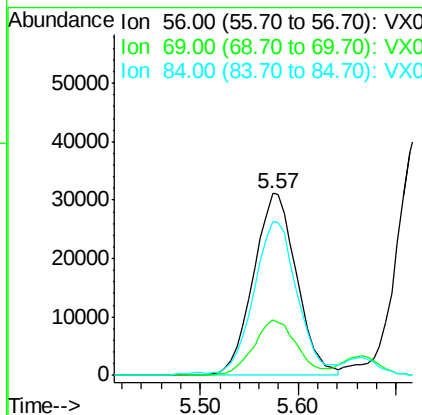
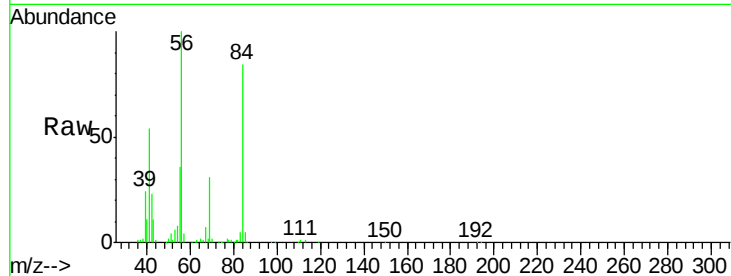
ClientSampleId :

VX0304WBS01

Tot Ion:	56	Resp:	95893
Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.0	34.6
84	83.2	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.517 ug/l

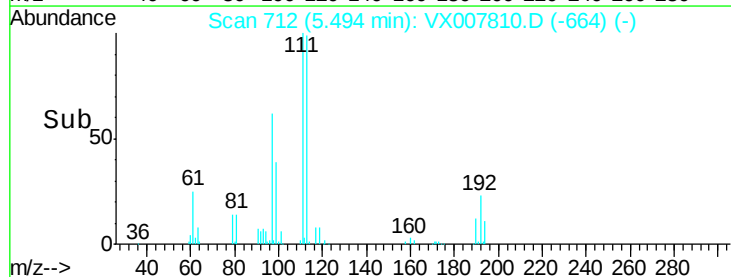
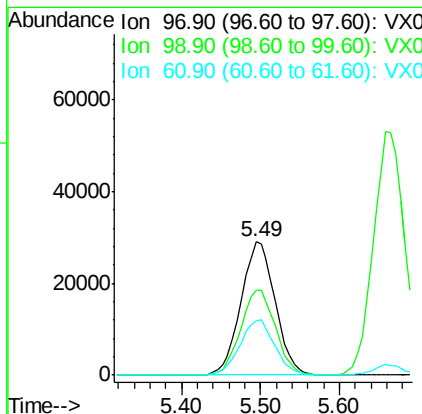
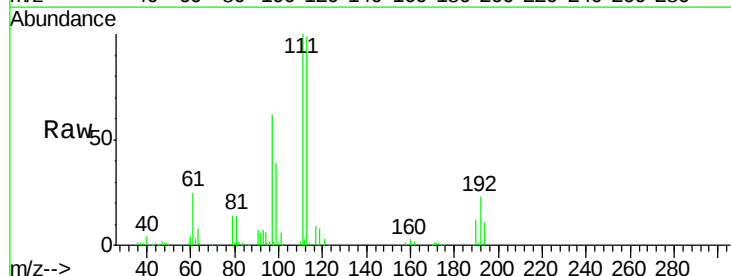
RT: 5.49 min Scan# 712

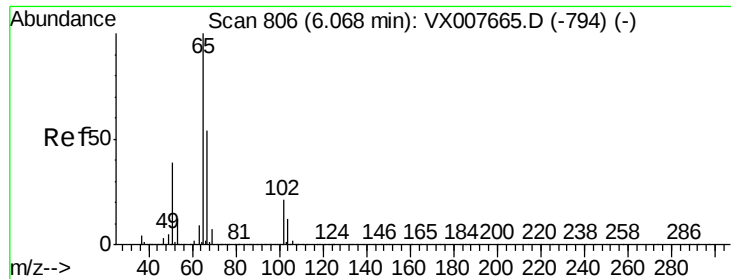
Delta R.T. -0.01 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Tgt Ion:	97	Resp:	87478
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.2	78.2
61	42.4	32.7	49.1





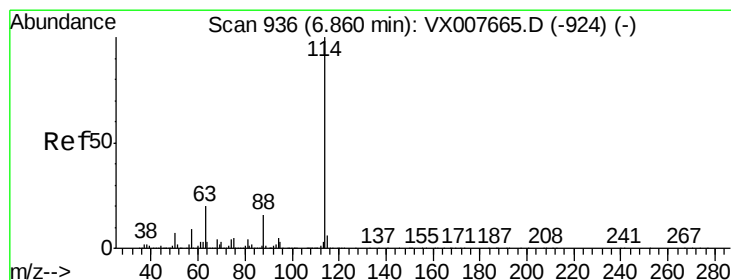
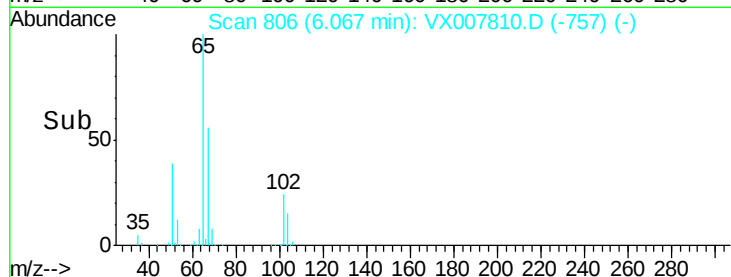
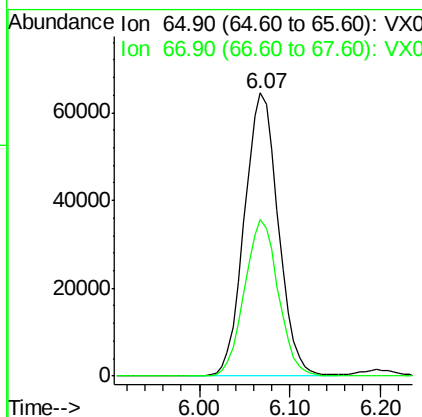
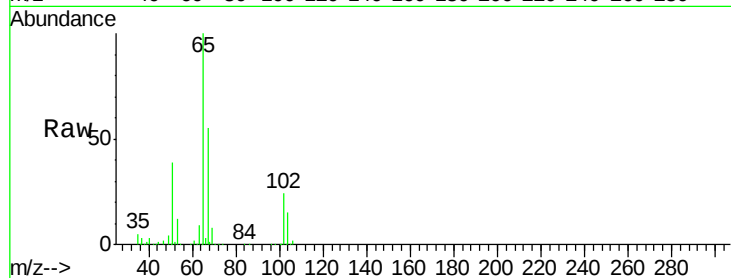
#33
 1,2-Dichloroethane-d4
 Concen: 43.788 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	108.8

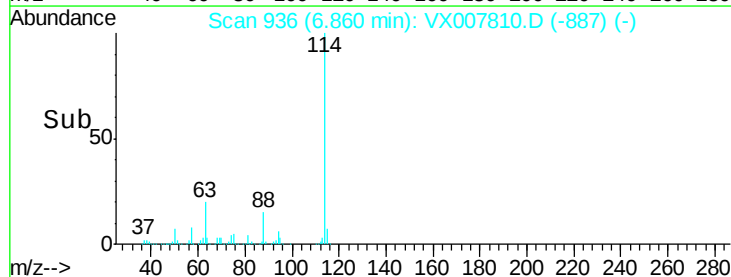
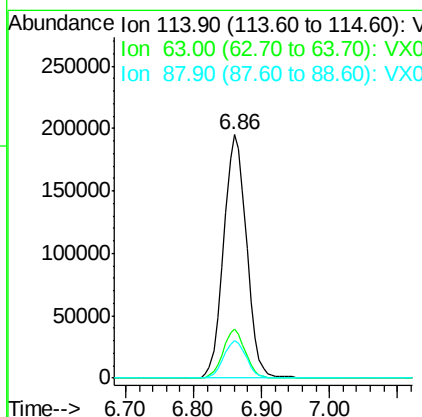
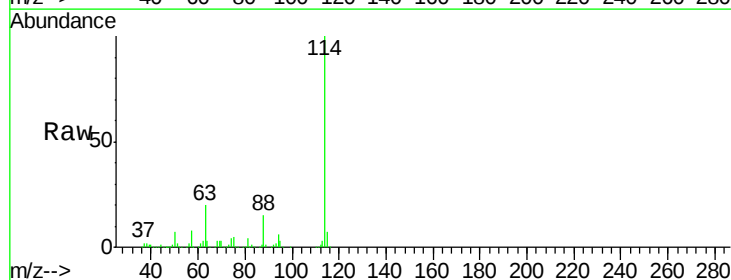
Manual Integrations
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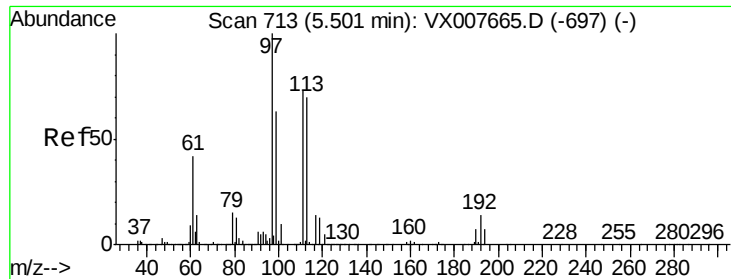
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	35.6
88	15.2	0.0	29.6





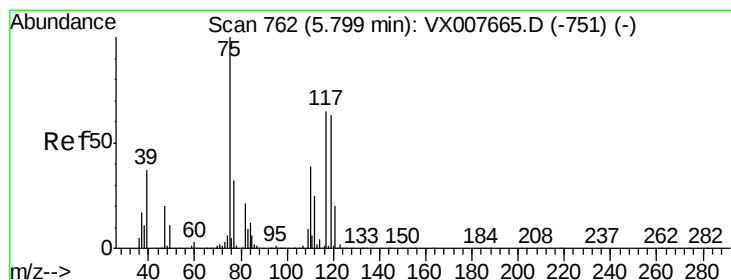
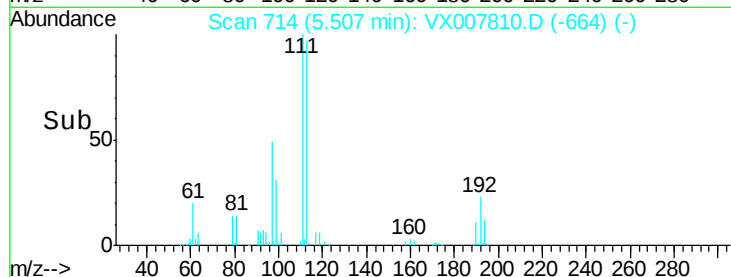
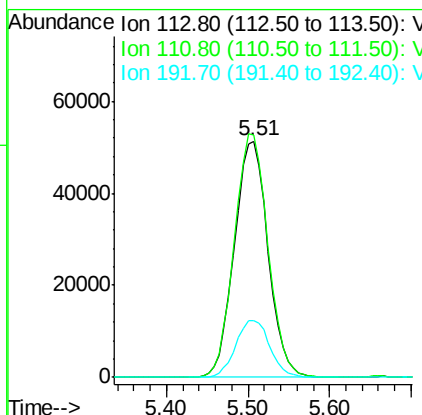
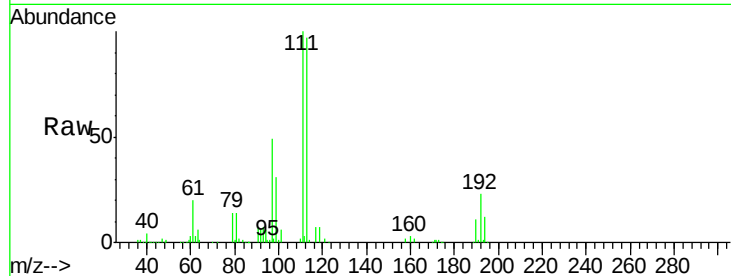
#35
 Dibromofluoromethane
 Concen: 48.354 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.1	81.8	122.8	
192	24.5	18.5	27.7	

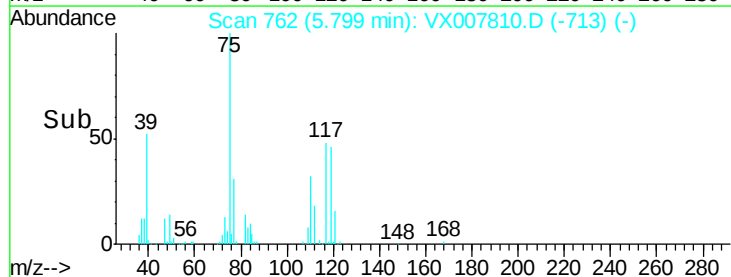
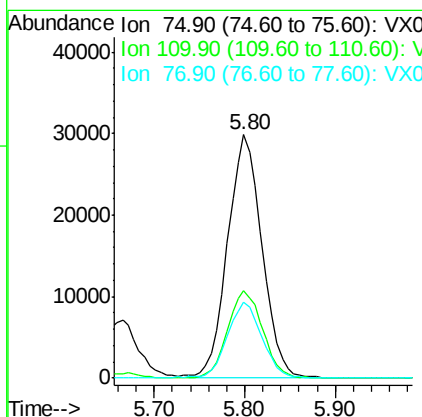
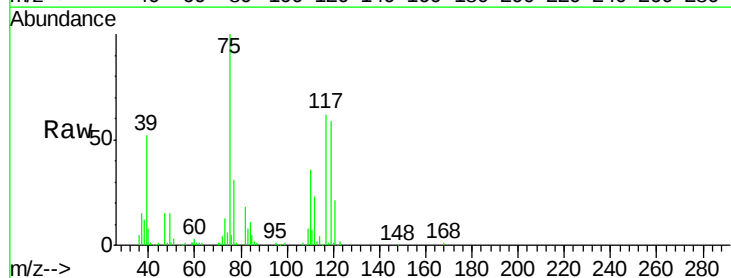
Manual Integrations
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 3/5/2019 9:34:37 AM



#36
 1,1-Dichloropropene
 Concen: 19.131 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.9	20.0	59.9	
77	30.7	24.7	37.1	





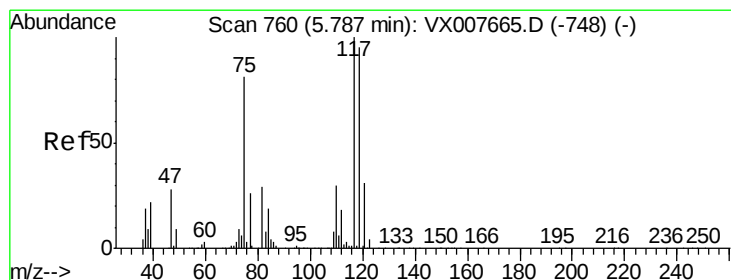
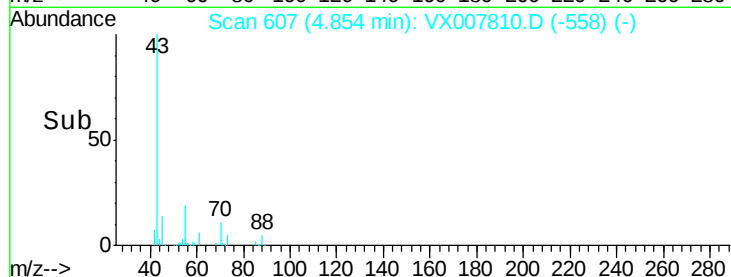
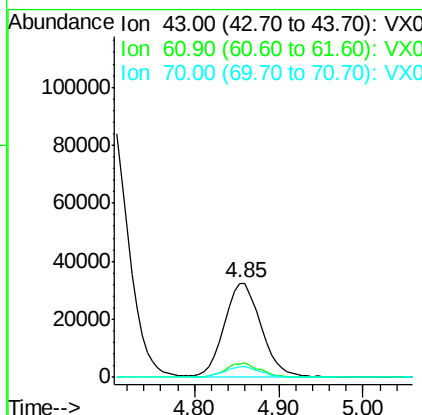
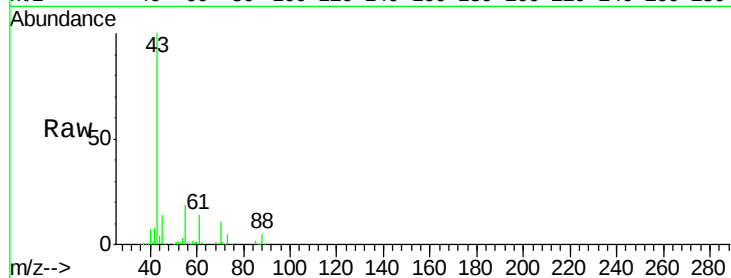
#37
Ethyl Acetate
Concen: 21.162 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	10.9	8.6	13.0

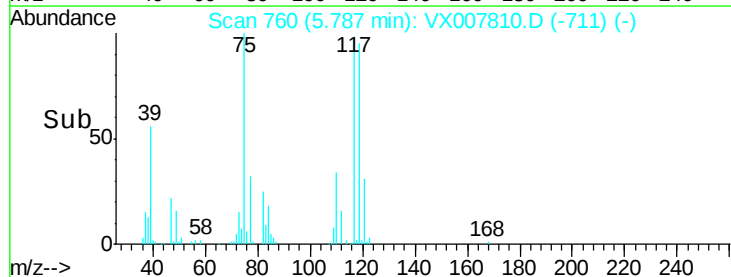
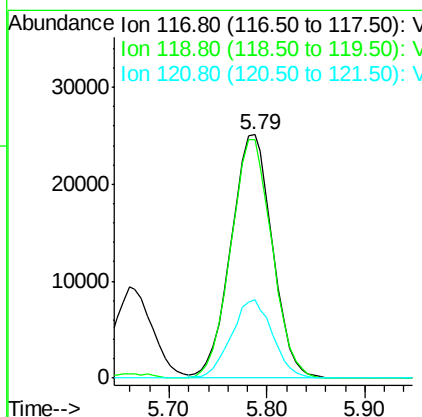
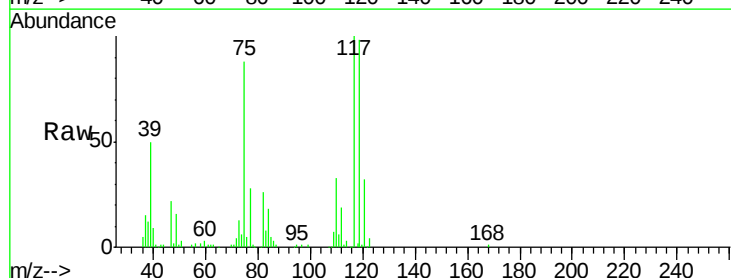
Manual Integrations
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3/5/2019 9:34:37 AM



#38
Carbon Tetrachloride
Concen: 18.002 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.3	112.9
121	32.4	25.0	37.4





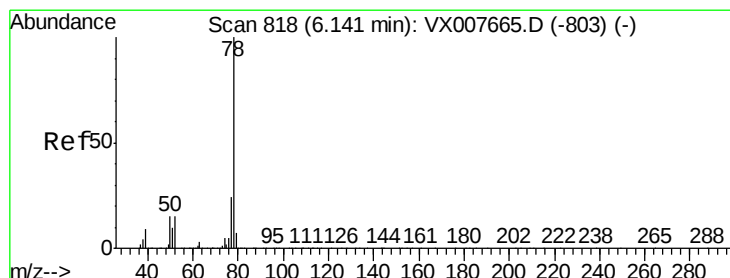
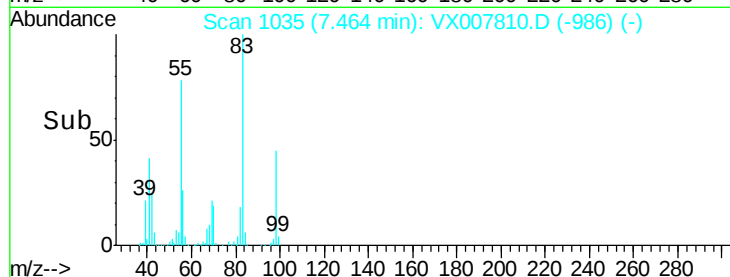
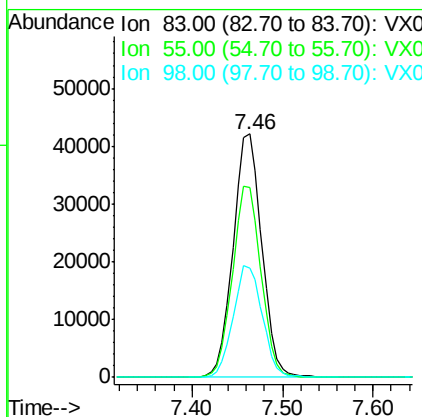
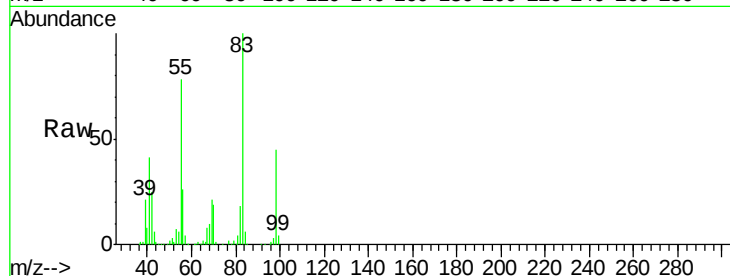
#39
Methylvlcyclohexane
Concen: 17.871 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	56.2	84.2
98	44.9	36.8	55.2

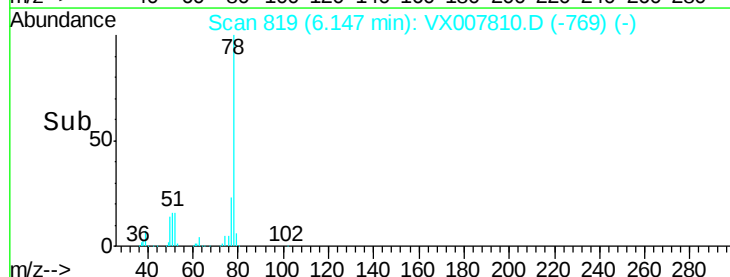
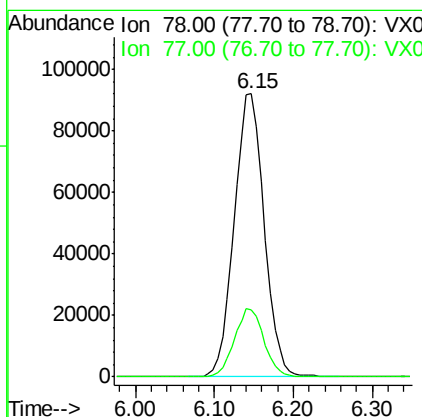
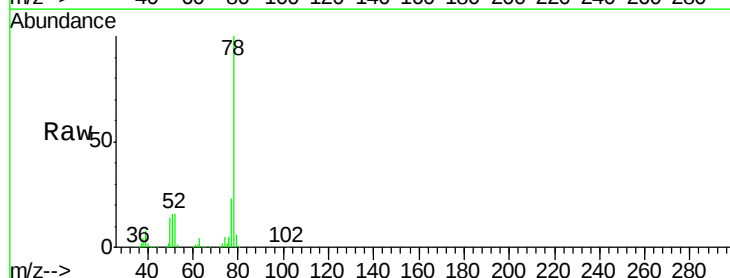
Manual Integrations
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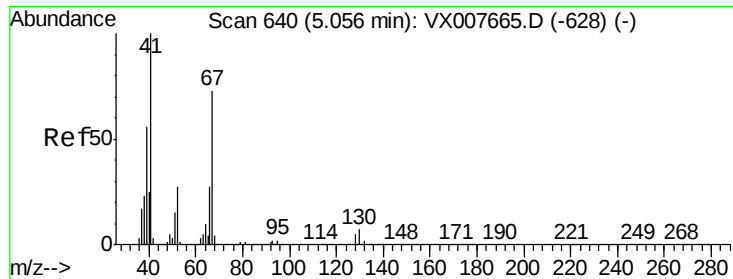
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3/5/2019 9:34:37 AM



#40
Benzene
Concen: 19.335 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





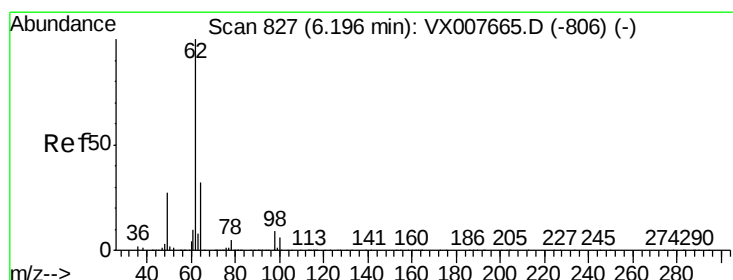
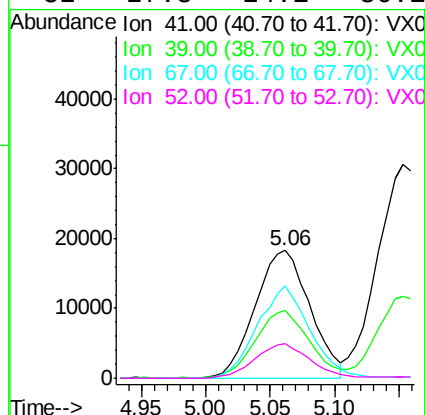
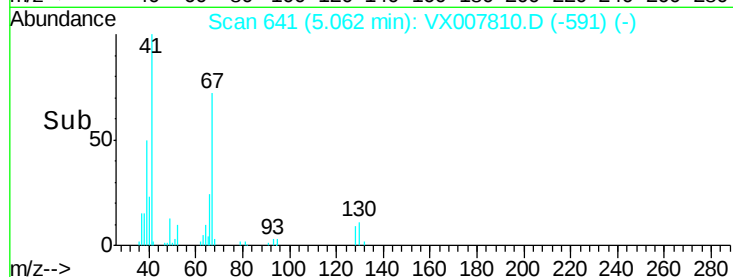
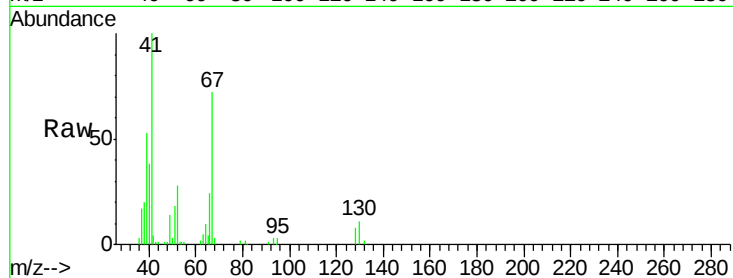
#41
Methacrylonitrile
Concen: 22.200 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.6	44.5	66.7	
67	70.2	60.4	90.6	
52	27.8	24.1	36.1	

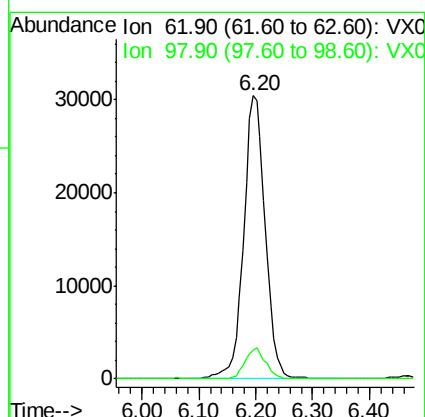
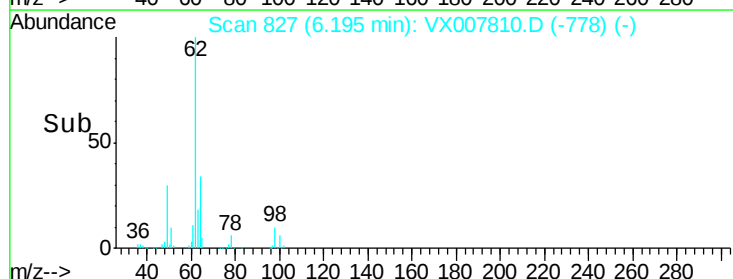
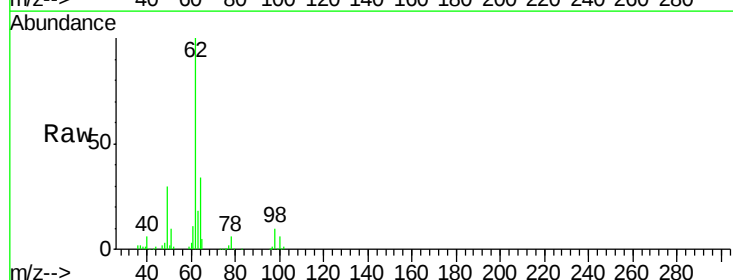
Manual Integrations
APPROVED

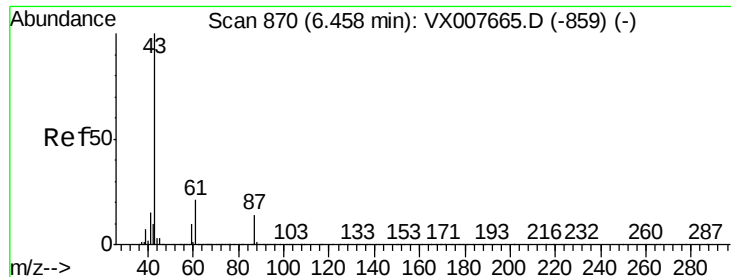
MMDadoda
3/5/2019 9:34:37 AM



#42
1,2-Dichloroethane
Concen: 19.031 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.0	





#43

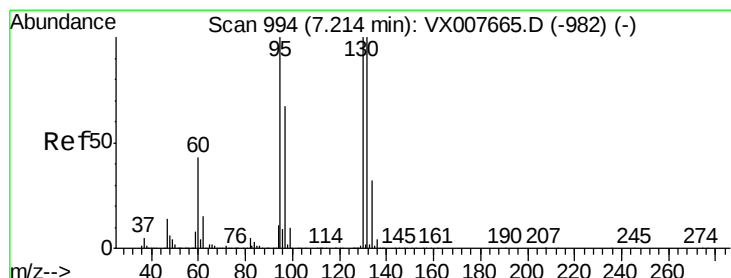
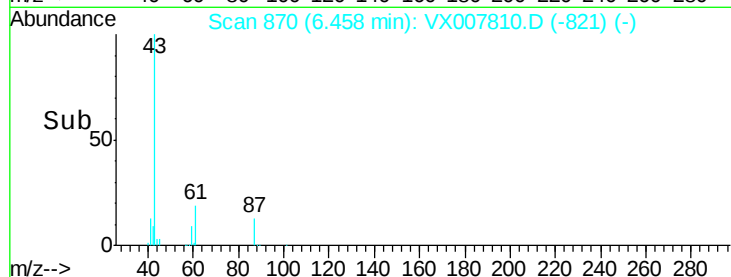
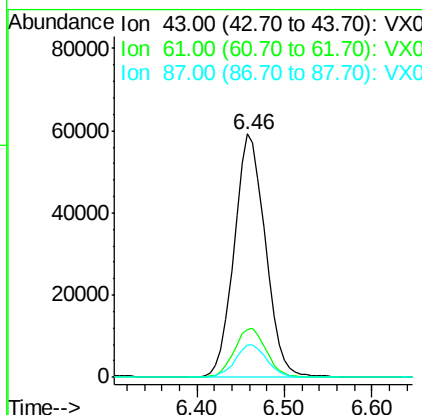
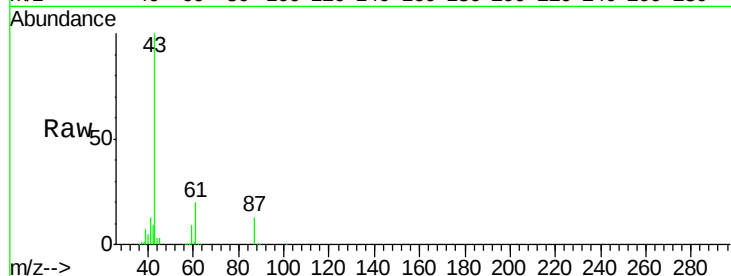
Isopropyl Acetate
 Concen: 20.960 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.1	24.1
87	13.6	11.5	17.3

Manual Integrations
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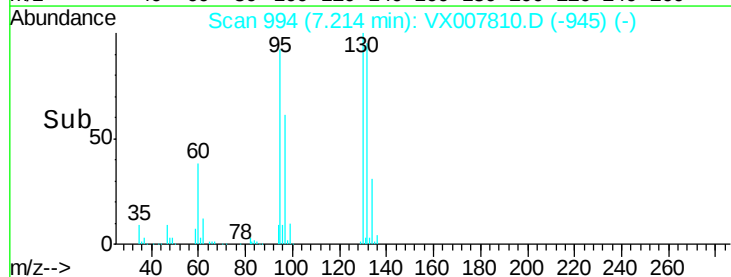
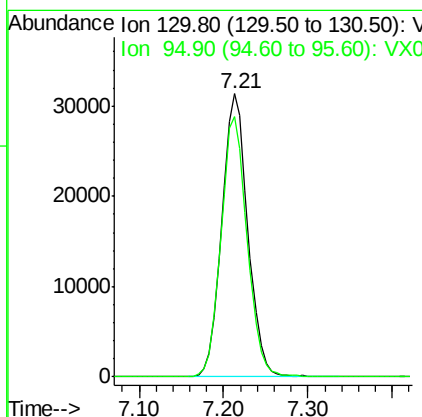
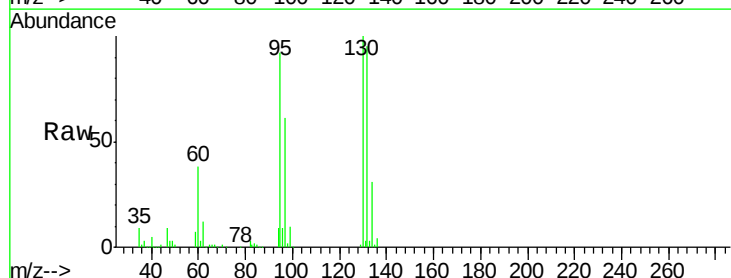
MMDadoda
 3/5/2019 9:34:37 AM

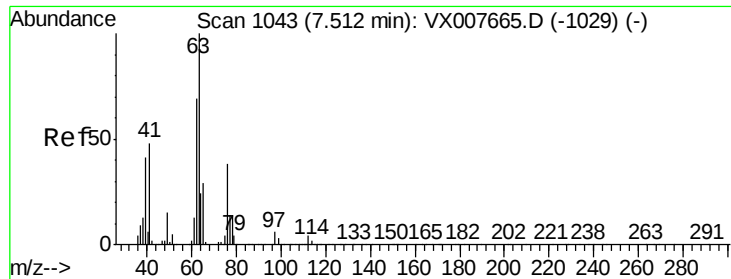


#44

Trichloroethene
 Concen: 19.104 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	180.0





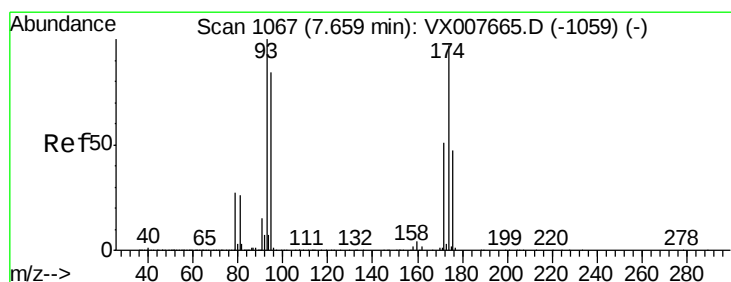
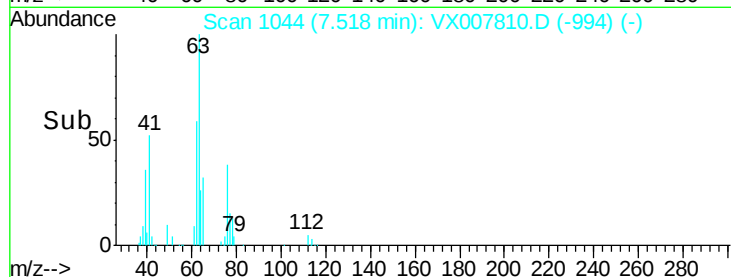
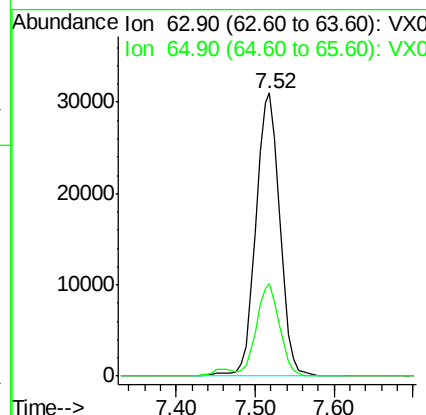
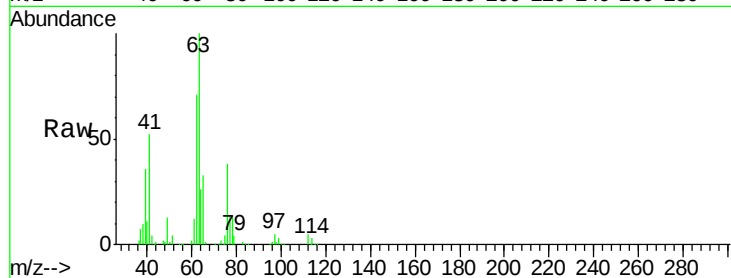
#45
 1,2-Dichloropropane
 Concen: 19.994 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.9	24.2	36.2

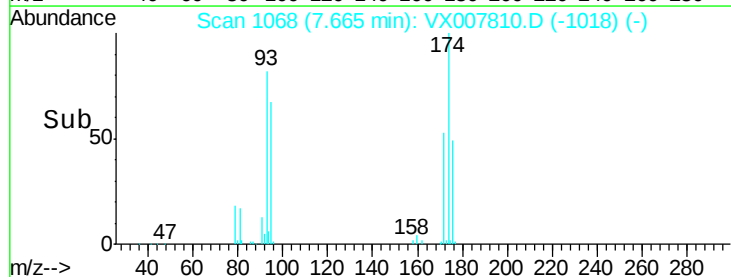
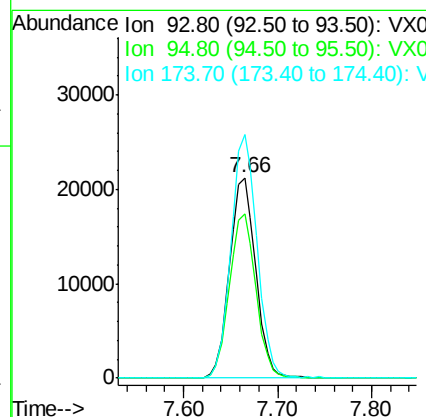
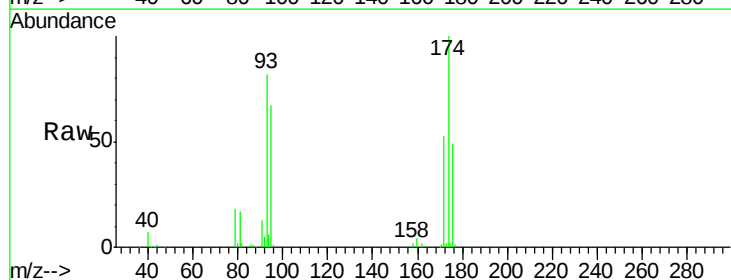
Manual Integrations
 APPROVED

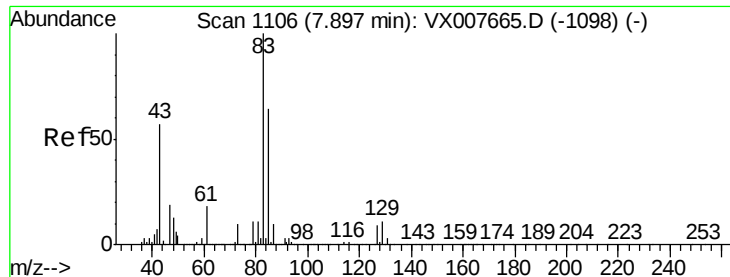
MMDadoda
 3/5/2019 9:34:37 AM



#46
 Dibromomethane
 Concen: 18.011 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.6	101.4
174	121.1	94.2	141.4





#47

Bromodichloromethane

Concen: 18.993 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

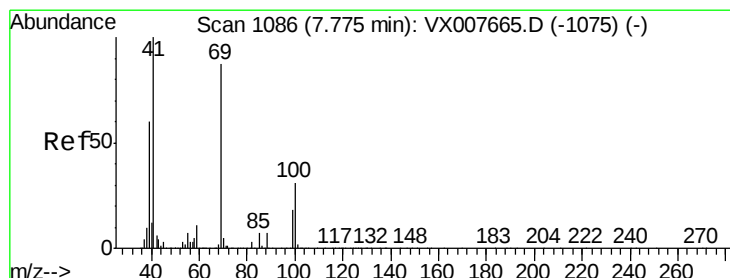
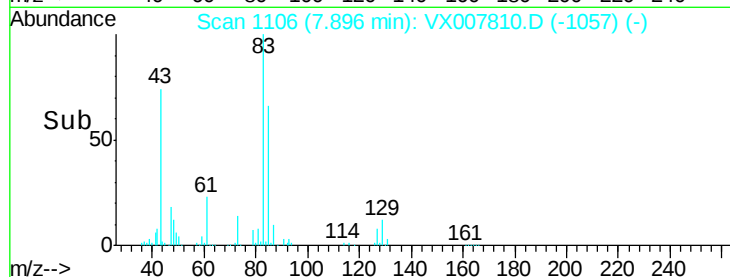
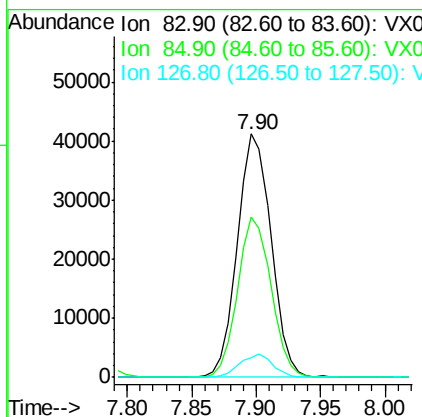
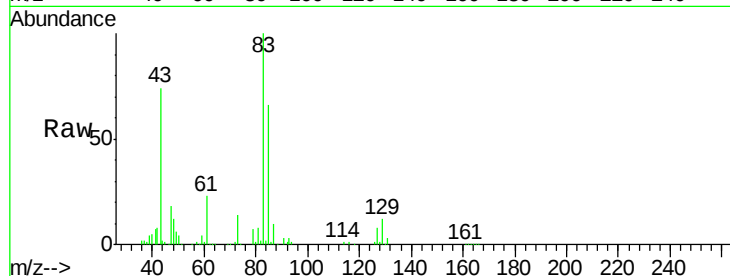
ClientSampleId :

VX0304WBS01

Tot Ion:	83	Resp:	75043
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.4	77.0
127	8.1	8.1	12.1

Manual Integrations
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3/5/2019 9:34:37 AM



#48

Methyl methacrylate

Concen: 20.876 ug/l

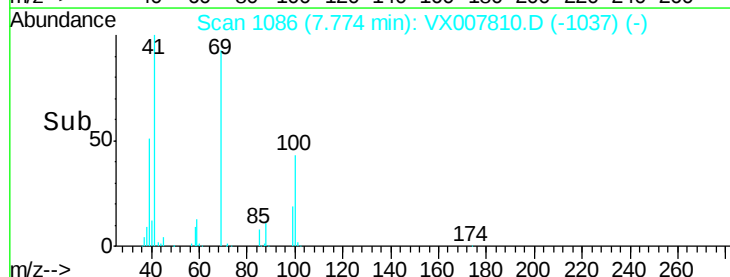
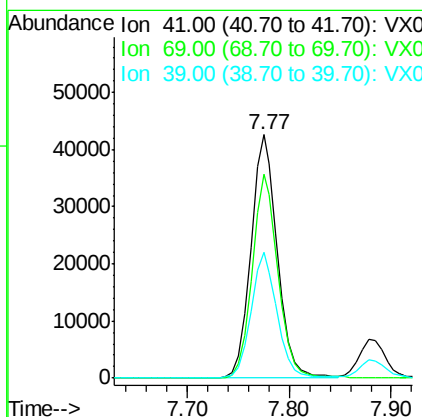
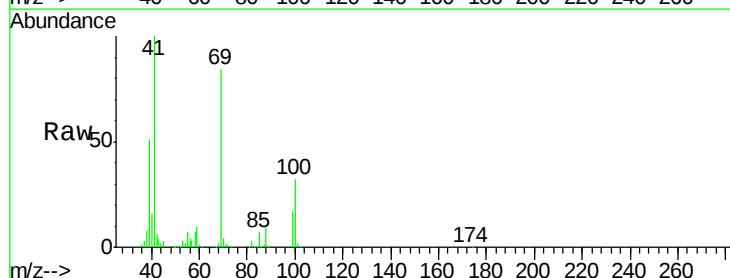
RT: 7.77 min Scan# 1086

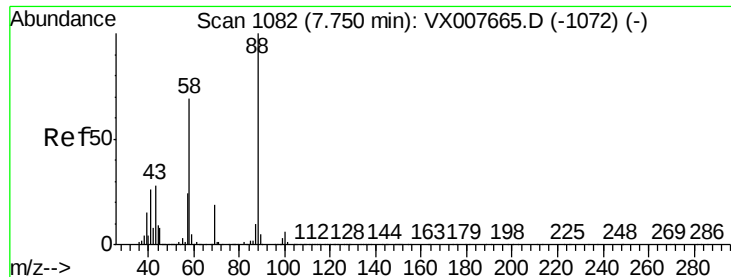
Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Tgt Ion:	41	Resp:	76460
Ion	Ratio	Lower	Upper
41	100		
69	82.6	70.2	105.4
39	51.2	47.4	71.0





#49

1,4-Dioxane

Concen: 403.452 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

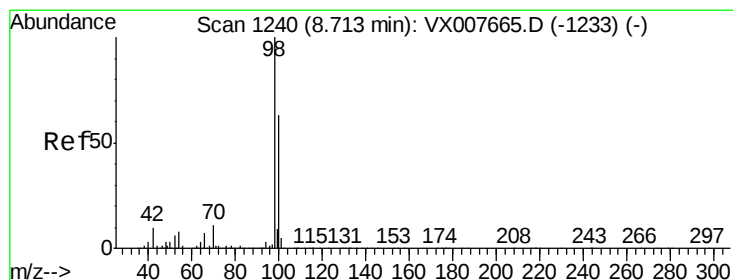
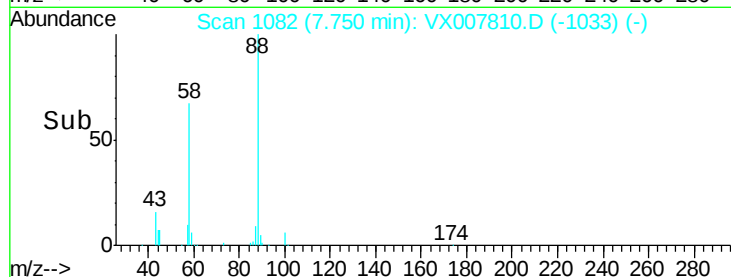
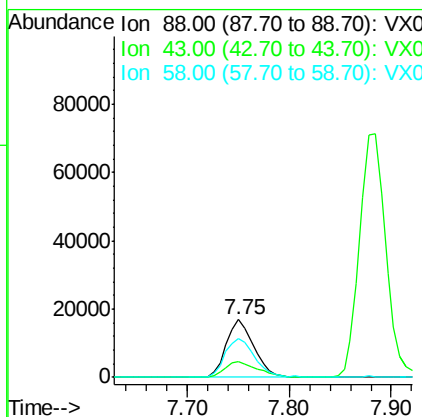
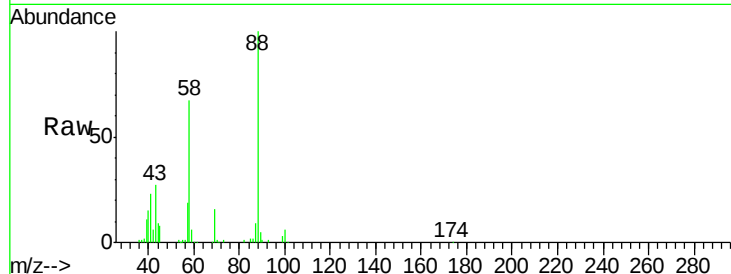
ClientSampleId :

VX0304WBS01

Tot Ion:	88	Resp:	31915
Ion Ratio	Lower	Upper	
88	100		
43	33.1	24.2	36.4
58	72.6	53.0	79.4

Manual Integrations
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3/5/2019 9:34:37 AM



#50

Toluene-d8

Concen: 47.288 ug/l

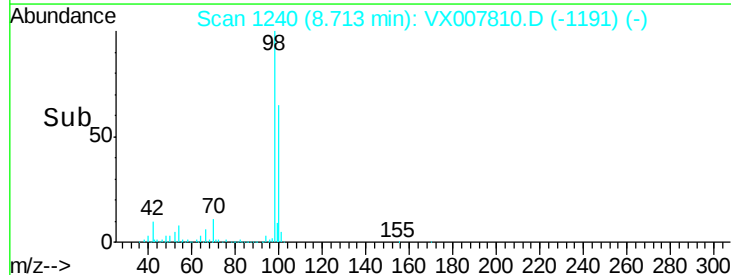
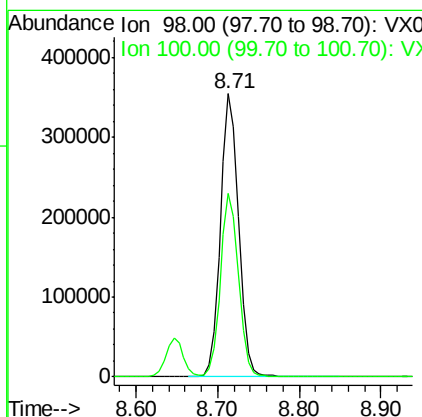
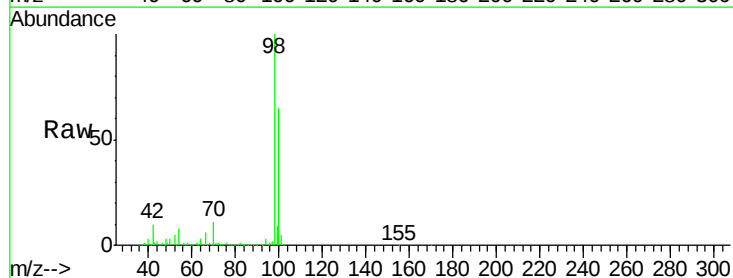
RT: 8.71 min Scan# 1240

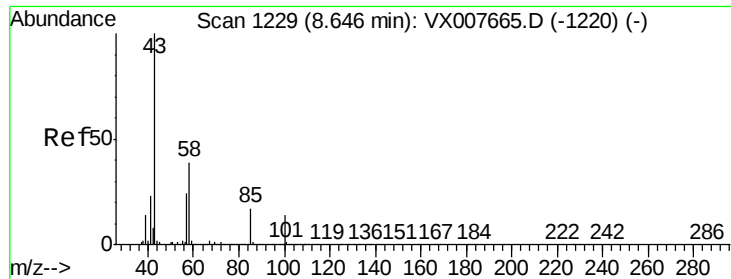
Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Tgt Ion:	98	Resp:	550135
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.6	77.4





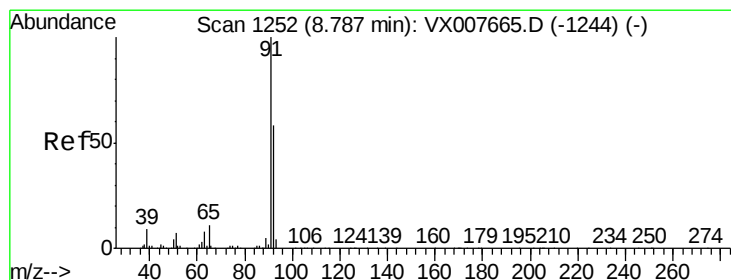
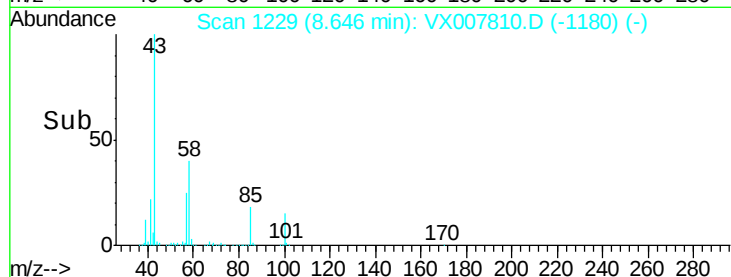
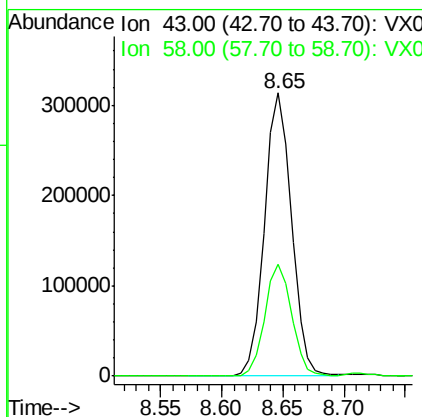
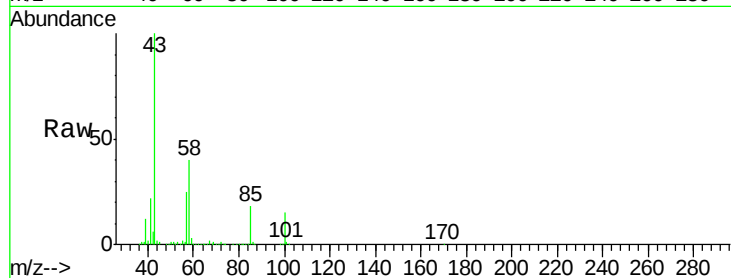
#51
4-Methyl-2-Pentanone
Concen: 103.288 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	43	Resp	483084
Ion Ratio	Lower	Upper	
43	100		
58	39.4	31.2	46.8

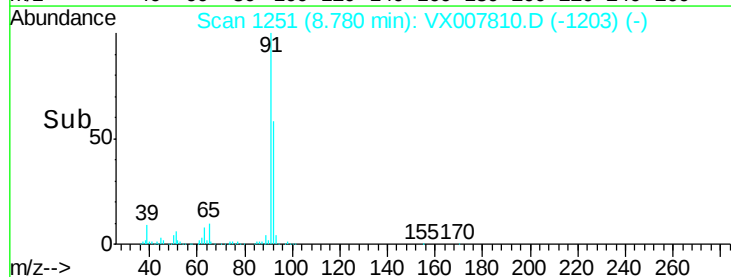
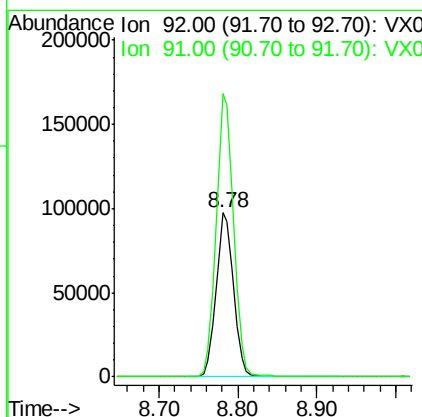
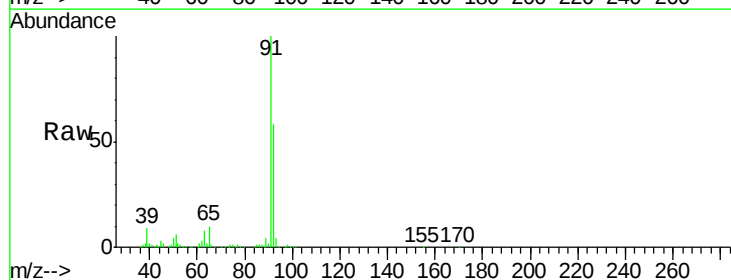
Manual Integrations
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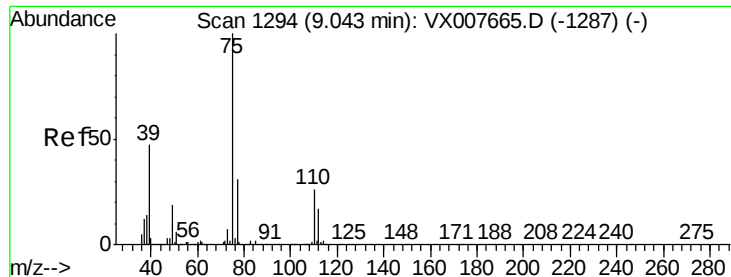
MMDadoda
3/5/2019 9:34:37 AM



#52
Toluene
Concen: 18.833 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	92	Resp	149826
Ion Ratio	Lower	Upper	
92	100		
91	172.9	139.1	208.7





#53

t-1,3-Dichloropropene

Concen: 18.577 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 75 Resp: 82084

Ion Ratio Lower Upper

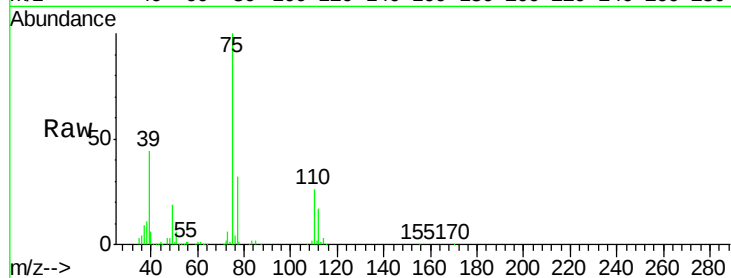
75 100

77 32.0 25.2 37.8

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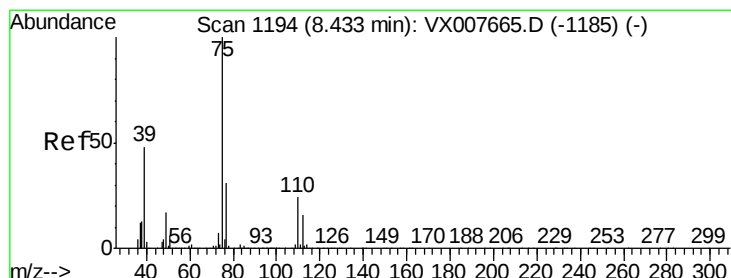
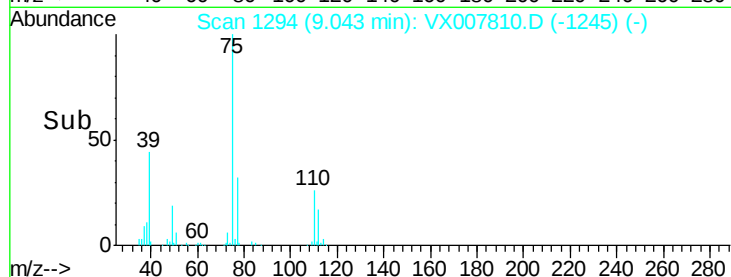
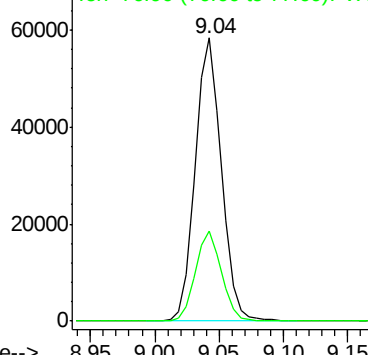
MMDadoda

3/5/2019 9:34:37 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.527 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

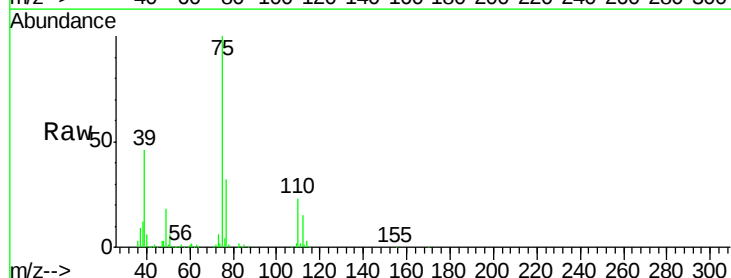
Tgt Ion: 75 Resp: 93628

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.4

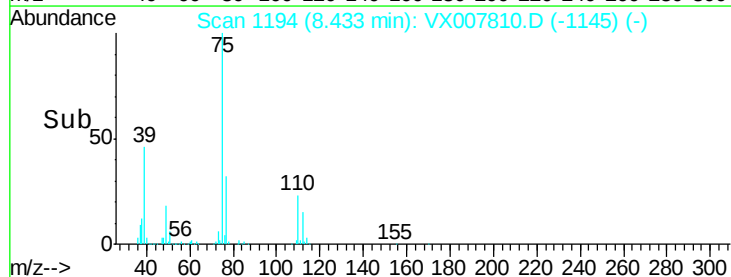
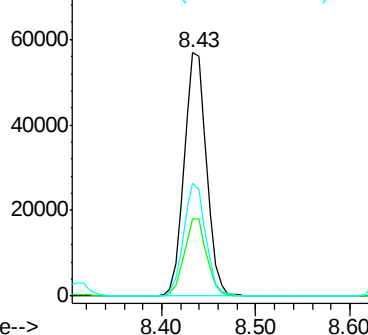
39 46.2 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





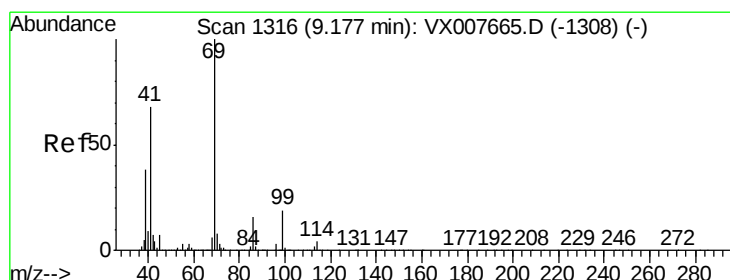
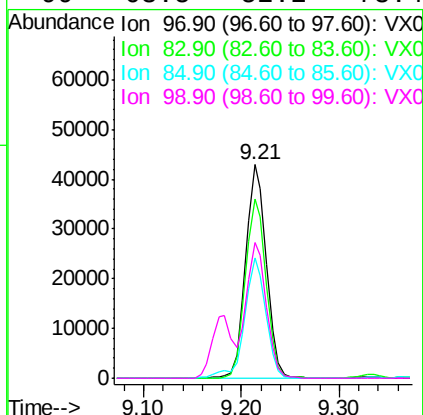
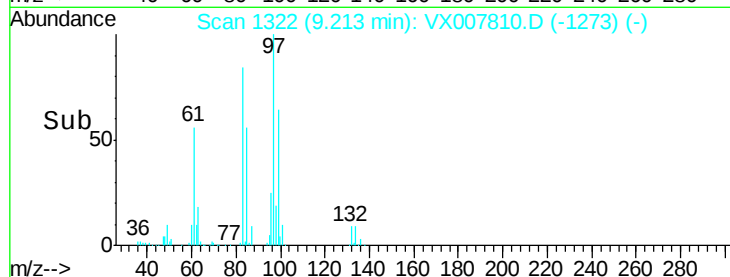
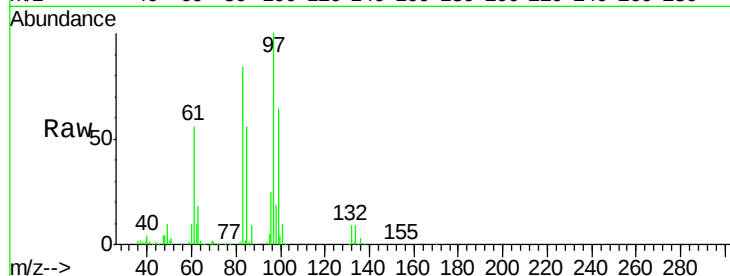
#55
 1,1,2-Trichloroethane
 Concen: 19.028 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		63125		
83	84.1	68.6	102.8		
85	56.1	44.5	66.7		
99	63.5	52.2	78.4		

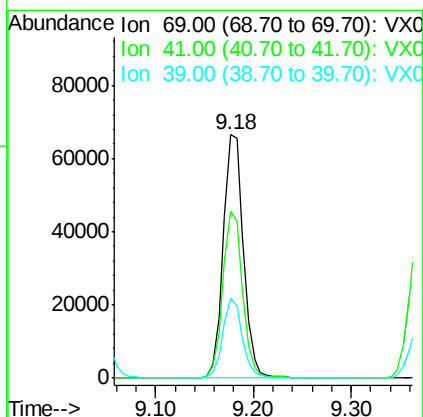
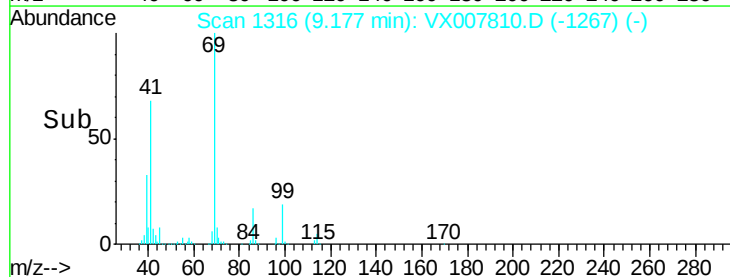
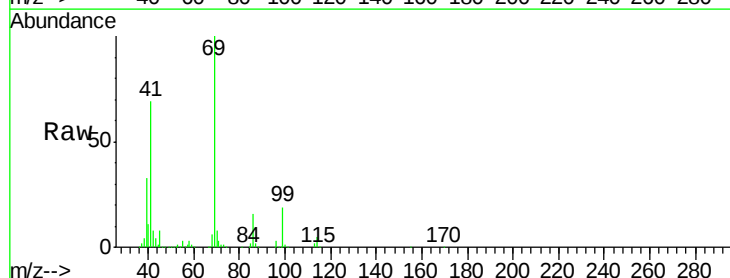
Manual Integrations
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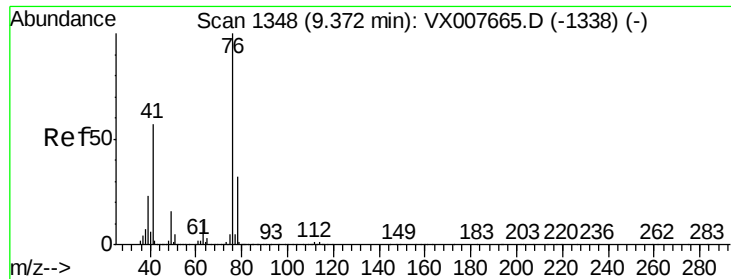
MMDadoda
 3/5/2019 9:34:37 AM



#56
 Ethyl methacrylate
 Concen: 20.300 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		95768		
41	66.8	52.1	78.1		
39	32.2	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 19.470 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 76 Resp: 103398

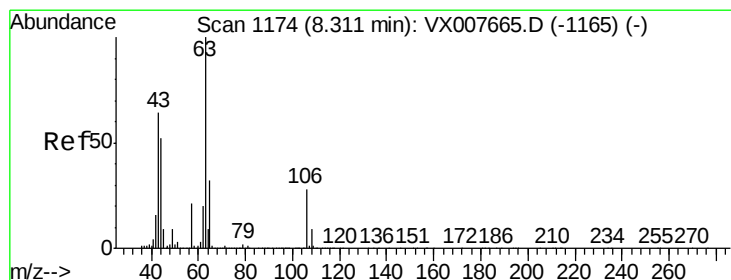
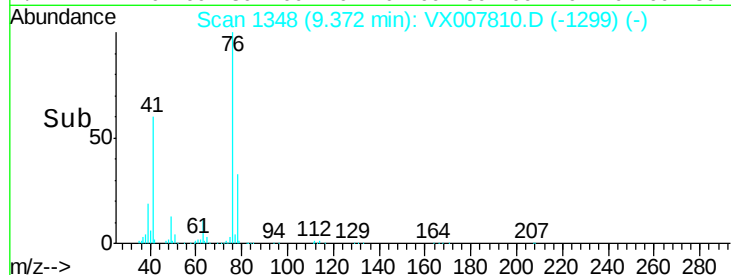
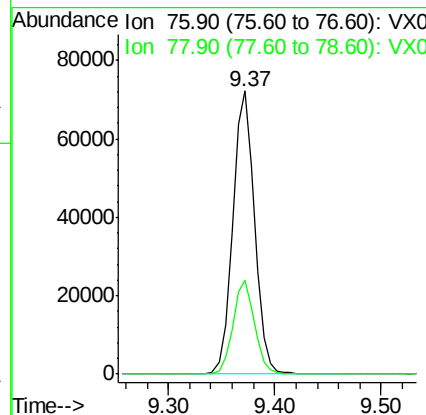
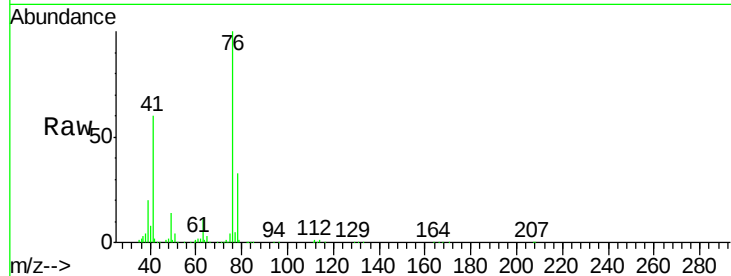
Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8

Manual Integrations
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3/5/2019 9:34:37 AM



#58

2-Chloroethyl Vinyl ether

Concen: 105.107 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007810.D

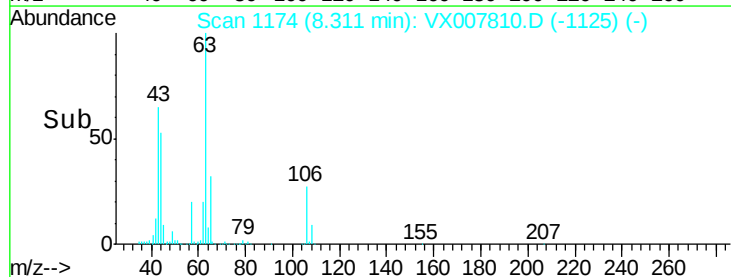
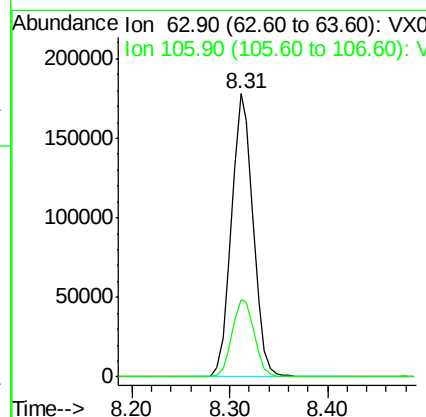
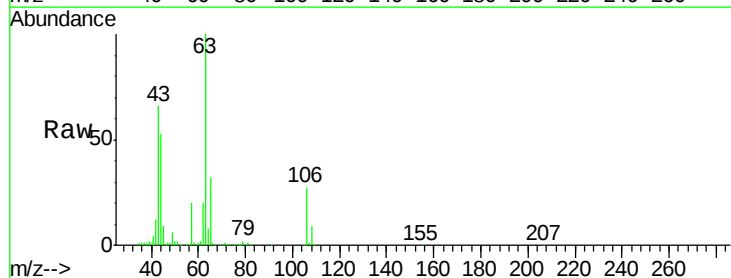
Acq: 04 Mar 2019 15:02

Tgt Ion: 63 Resp: 273443

Ion Ratio Lower Upper

63 100

106 28.1 23.6 35.4





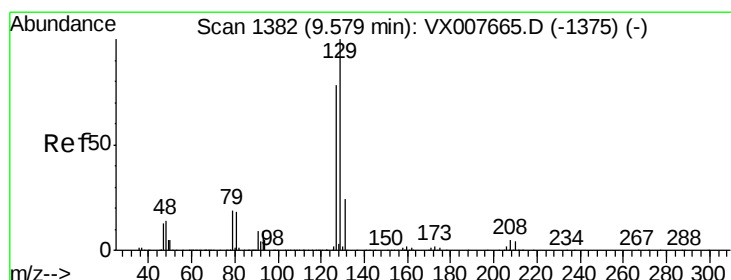
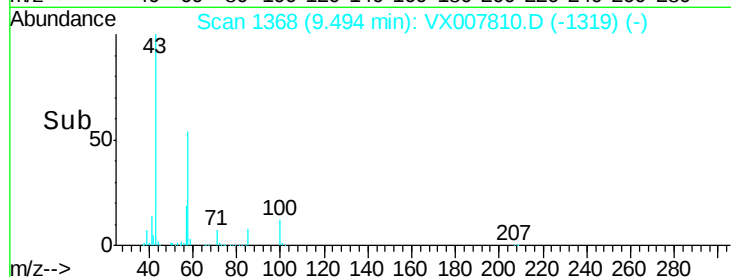
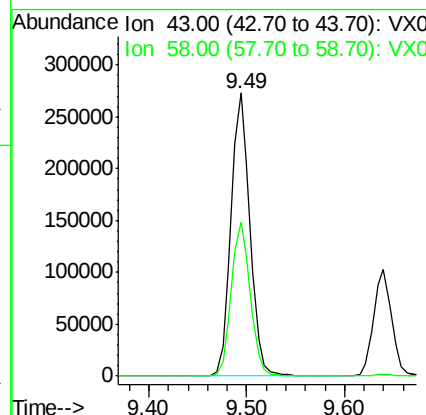
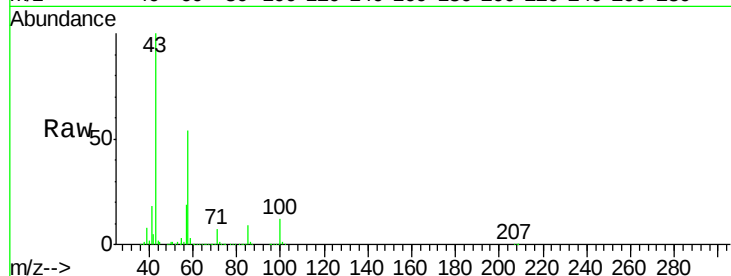
#59
2-Hexanone
Concen: 99.638 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion: 43 Resp: 365863
Ion Ratio Lower Upper
43 100
58 54.7 27.1 81.3

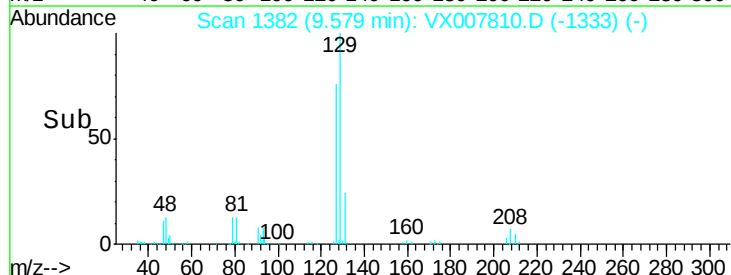
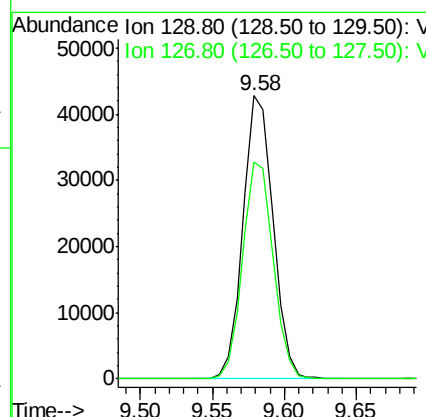
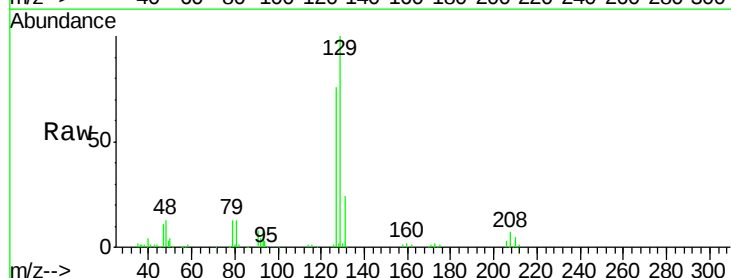
Manual Integrations
APPROVED

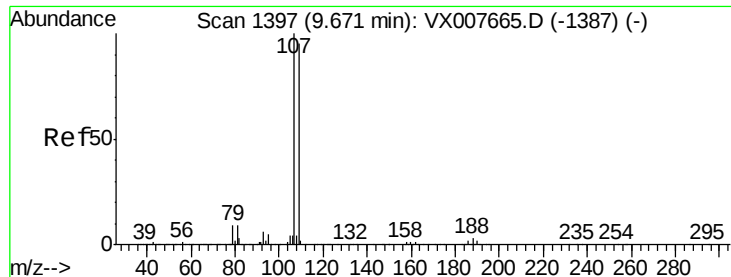
MMDadoda
3/5/2019 9:34:37 AM



#60
Dibromochloromethane
Concen: 19.466 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 129 Resp: 62139
Ion Ratio Lower Upper
129 100
127 77.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.024 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 107 Resp: 65527

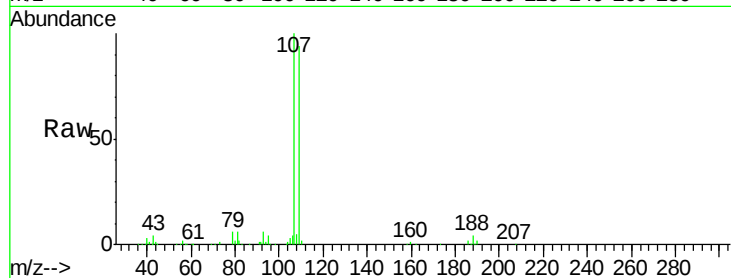
Ion Ratio Lower Upper

107 100

109 94.1 75.1 112.7

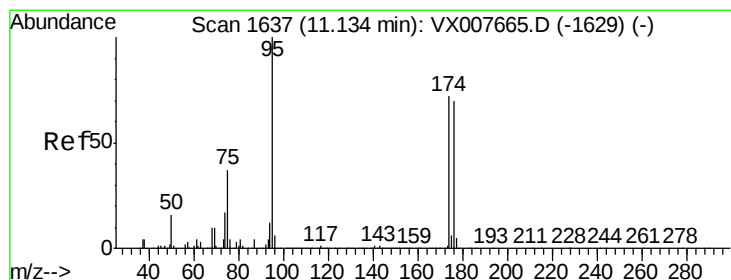
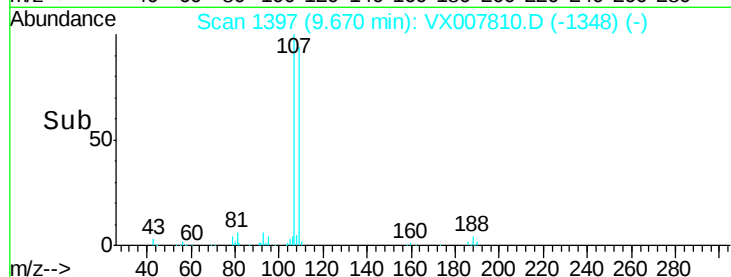
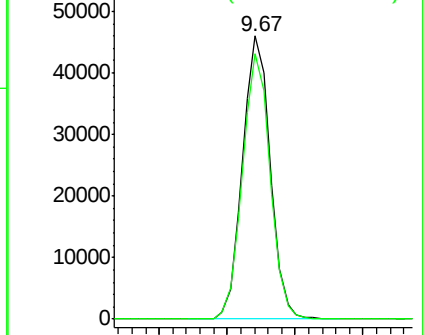
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.079 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

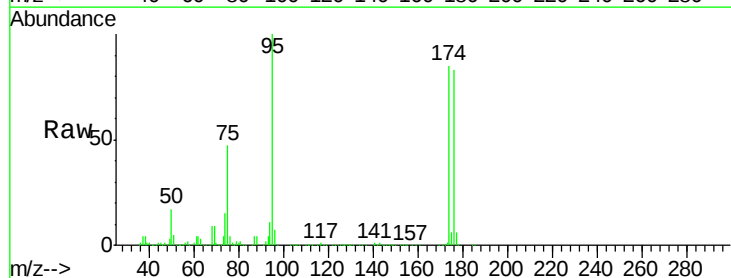
Tgt Ion: 95 Resp: 196754

Ion Ratio Lower Upper

95 100

174 92.6 0.0 189.2

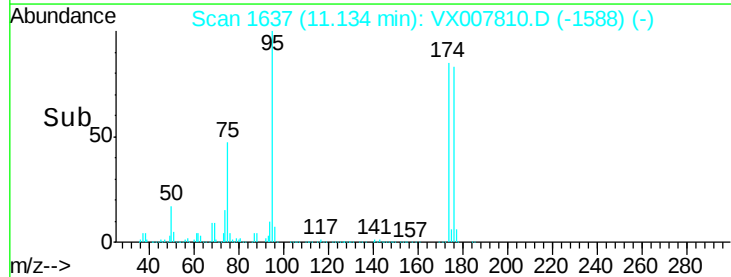
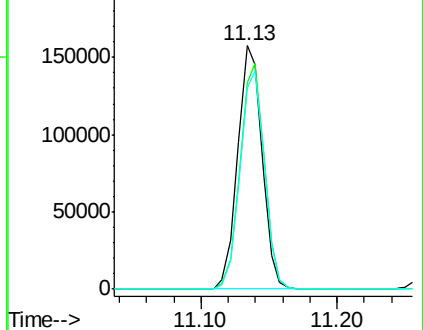
176 89.8 0.0 186.2

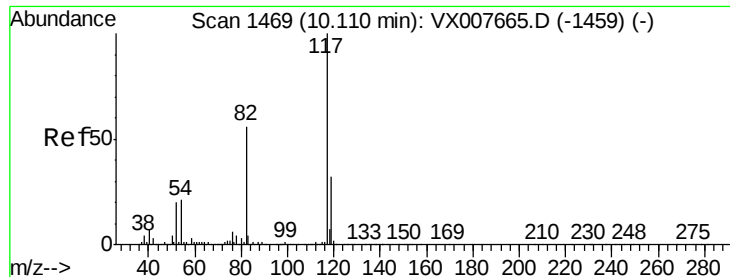


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





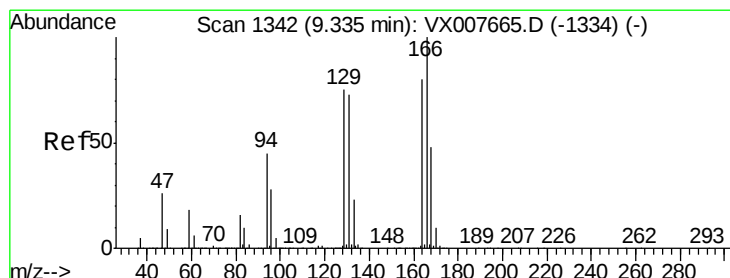
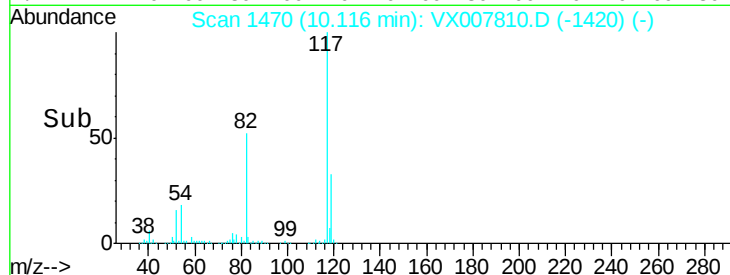
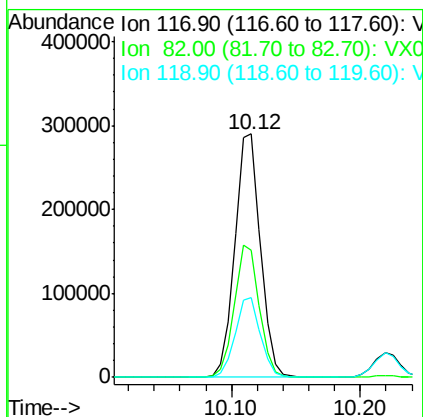
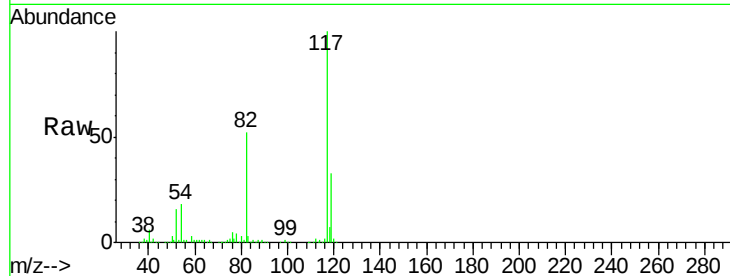
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	401436		
82	52.2		42.1	63.1
119	32.6		26.5	39.7

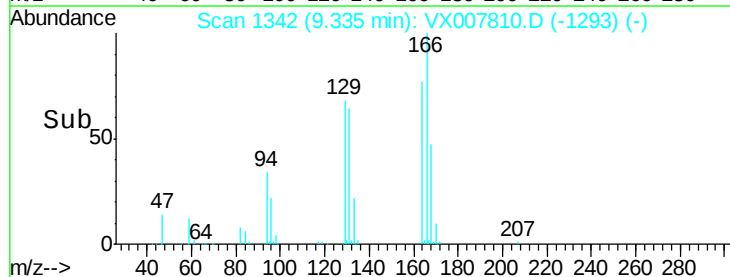
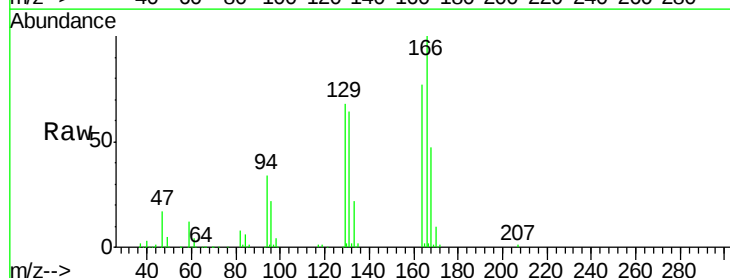
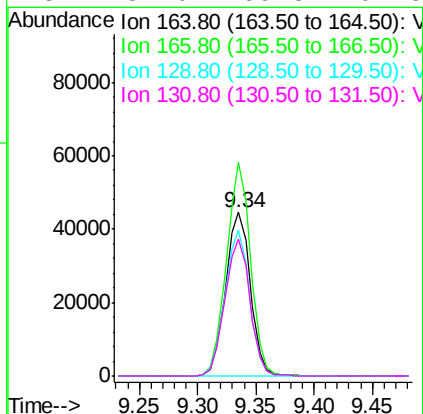
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.159 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	65696		
166	130.5		101.0	151.4
129	88.9		70.5	105.7
131	84.0		69.8	104.6





#65

Chlorobenzene

Concen: 19.203 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion:112 Resp: 166727

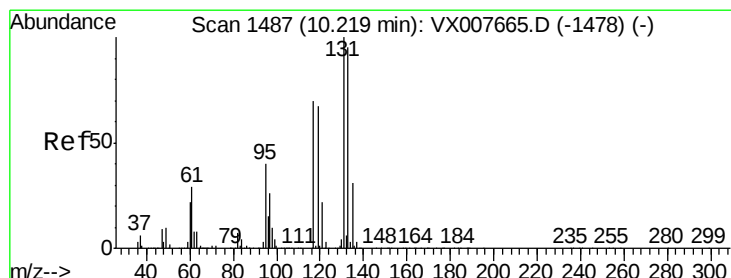
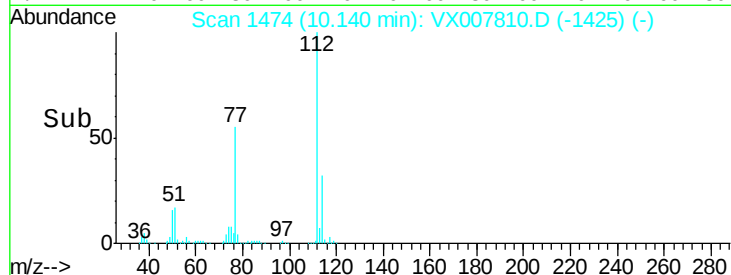
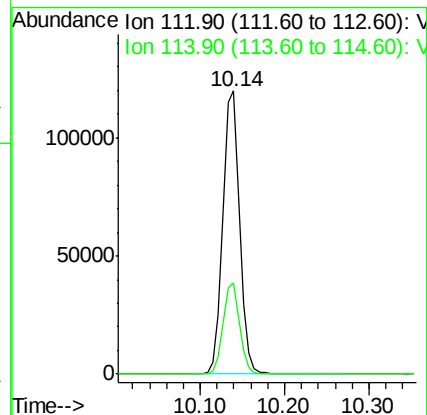
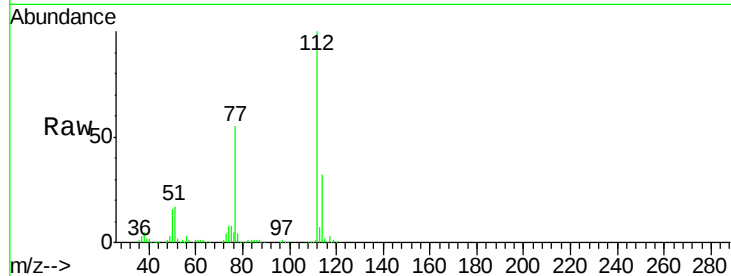
Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.769 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

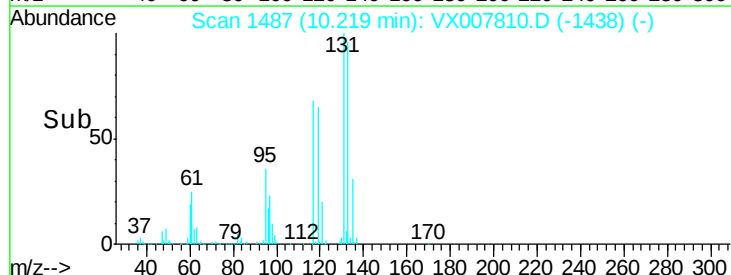
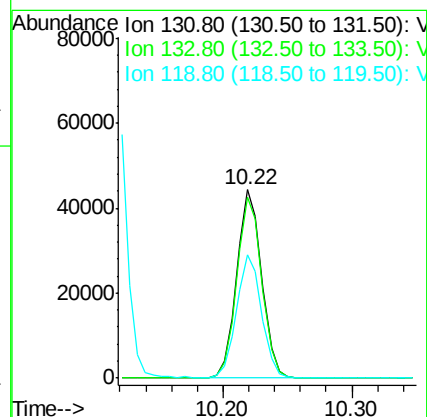
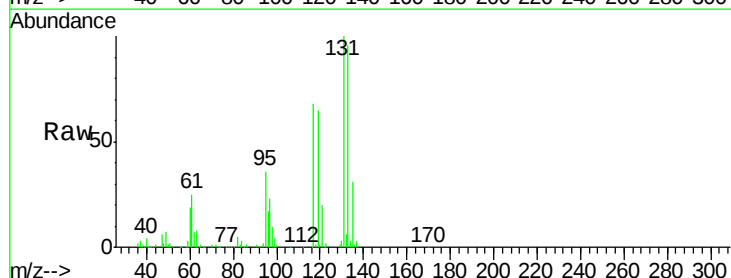
Tgt Ion:131 Resp: 59872

Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

119 66.0 32.0 96.0





#67

Ethyl Benzene

Concen: 19.243 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampled :

VX0304WBS01

Tot Ion: 91 Resp: 276759

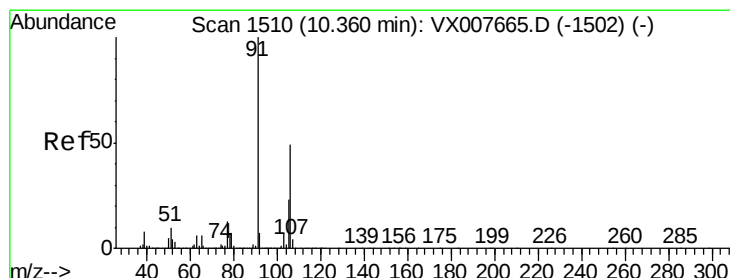
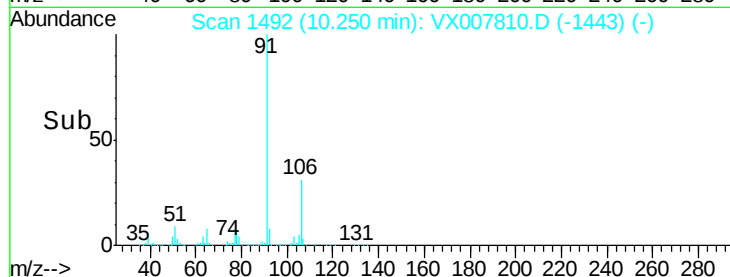
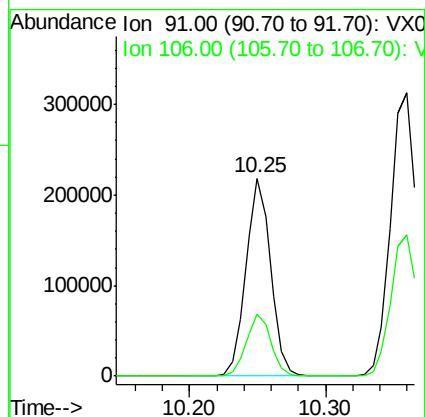
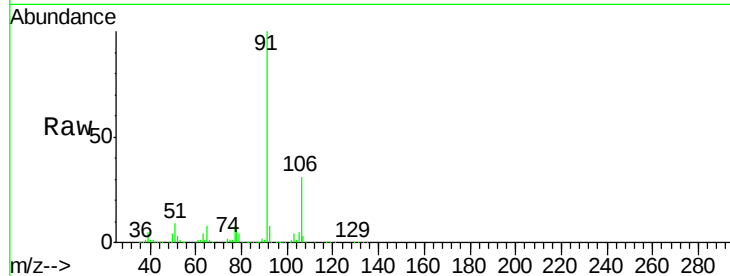
Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.0

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#68

m/p-Xylenes

Concen: 37.898 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007810.D

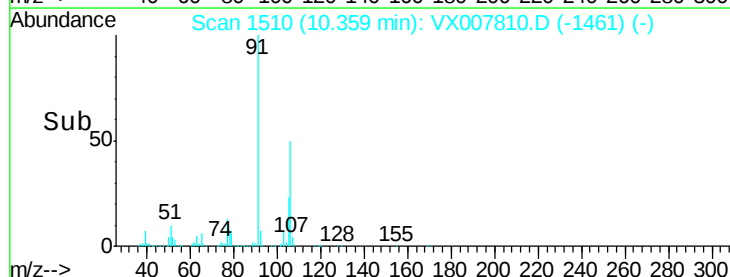
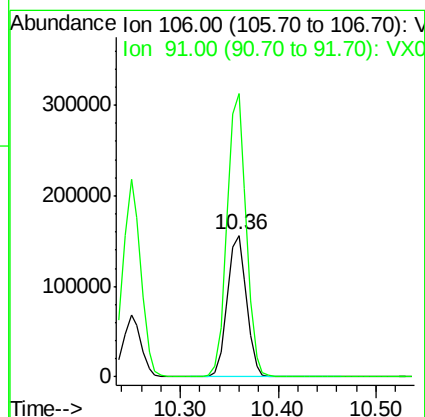
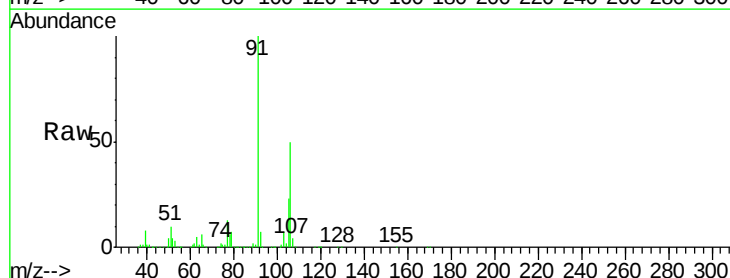
Acq: 04 Mar 2019 15:02

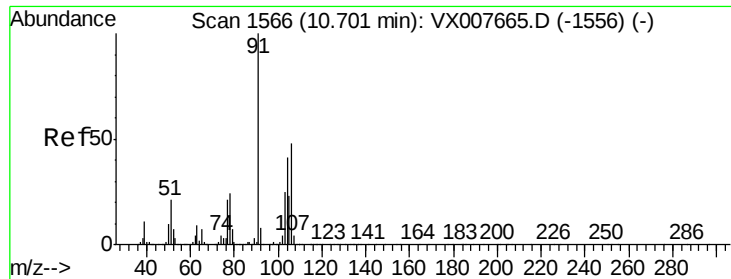
Tgt Ion: 106 Resp: 212049

Ion Ratio Lower Upper

106 100

91 199.7 156.6 234.8





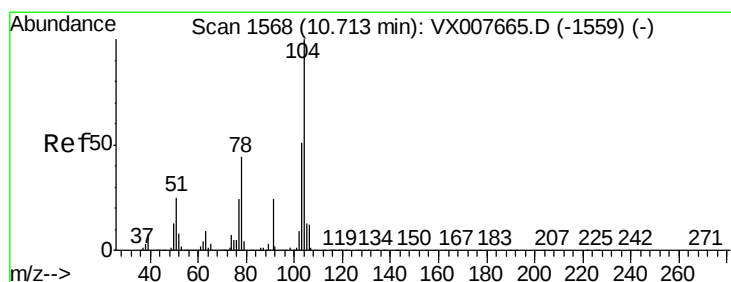
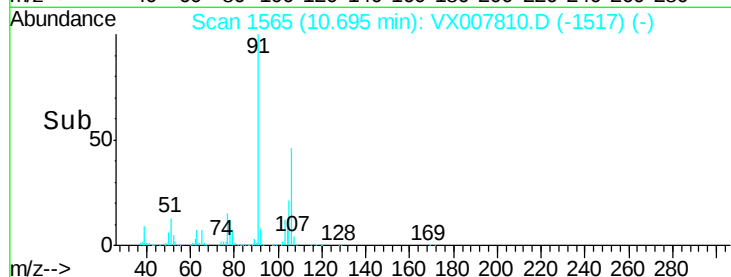
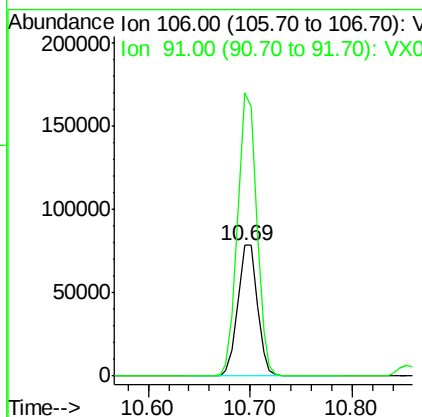
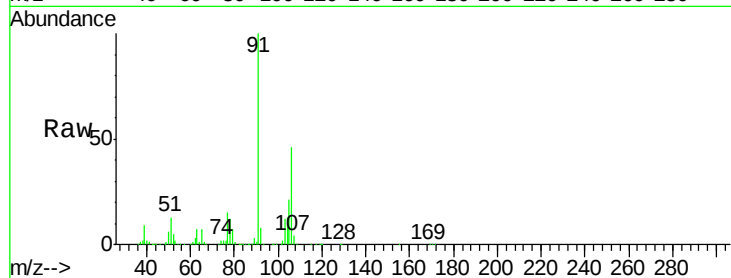
#69
o-Xylene
Concen: 19.255 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.8	102.9	308.7

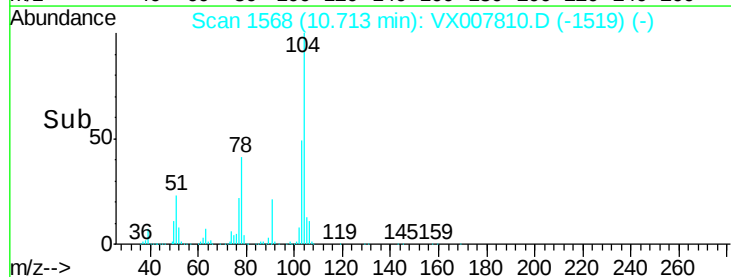
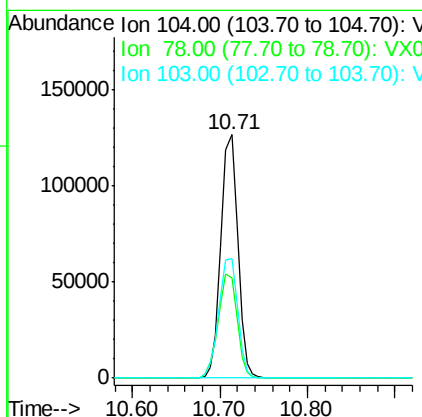
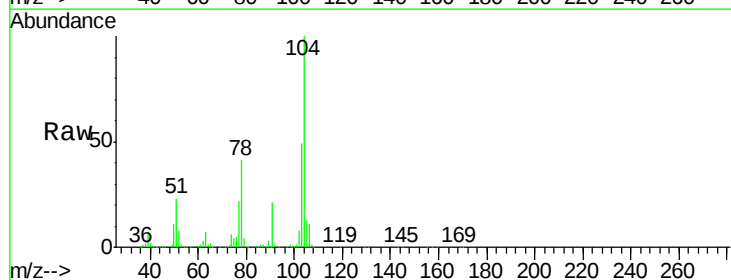
Manual Integrations
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3/5/2019 9:34:37 AM



#70
Styrene
Concen: 19.299 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	38.3	57.5
103	54.9	44.6	67.0





#71

Bromoform

Concen: 21.265 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

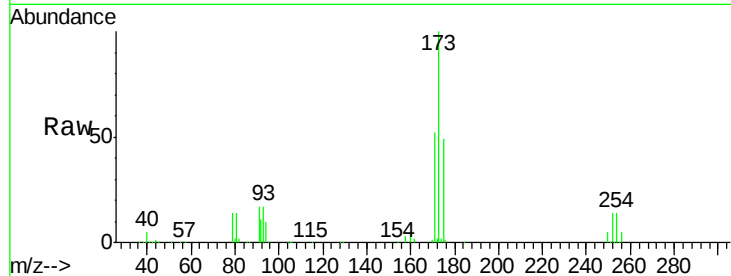
ClientSampleId :

VX0304WBS01

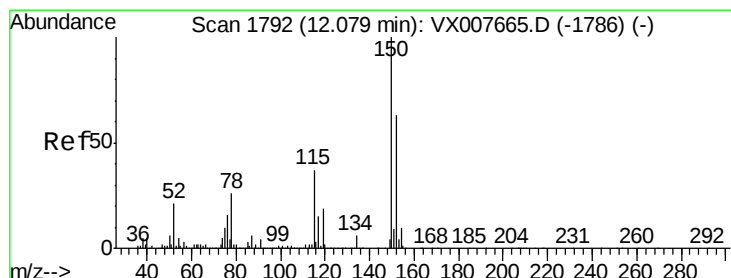
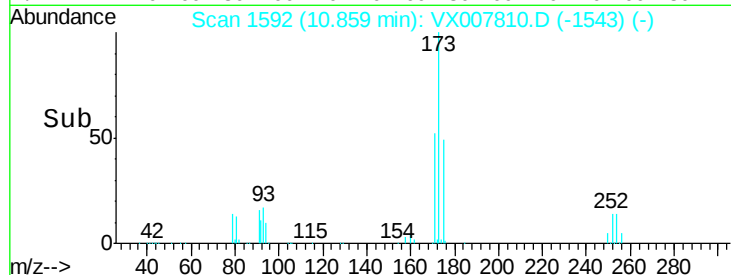
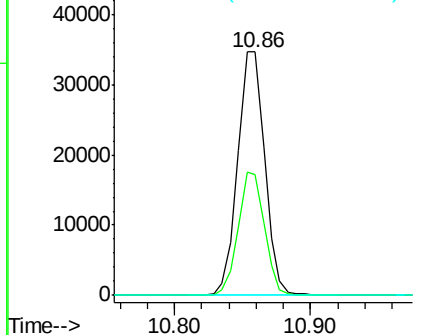
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.2	72.6
254	0.1	0.2	0.2

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

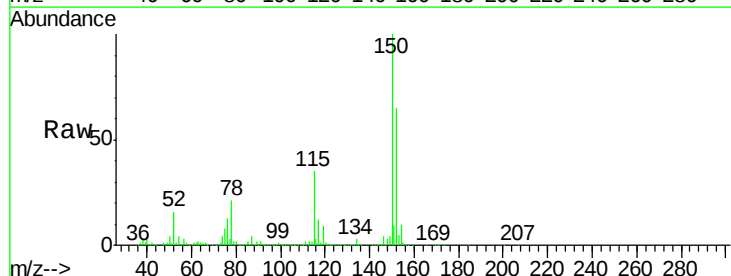
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

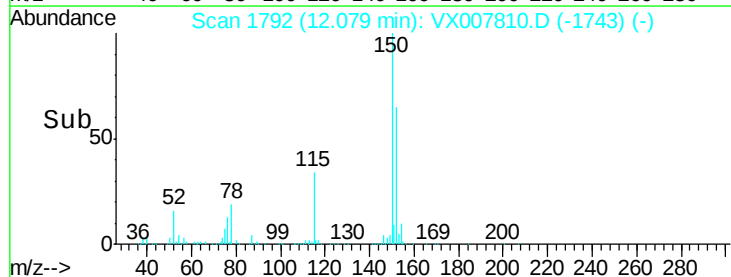
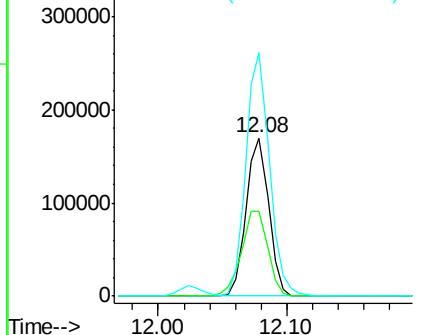
Lab File: VX007810.D

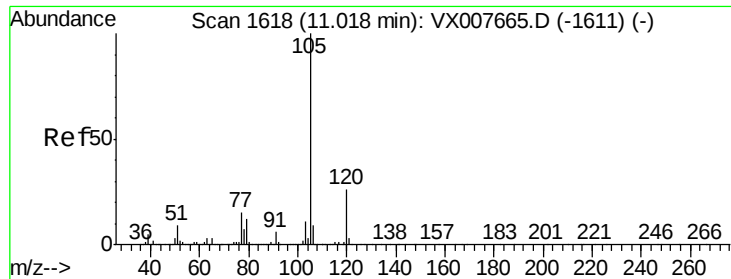
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	38.0	114.0
150	161.1	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.222 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampled :

VX0304WBS01

Tot Ion: 105 Resp: 280406

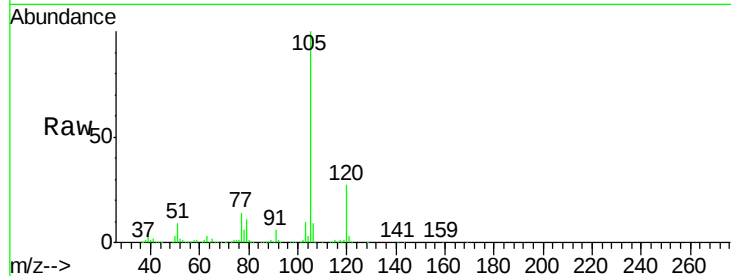
Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7

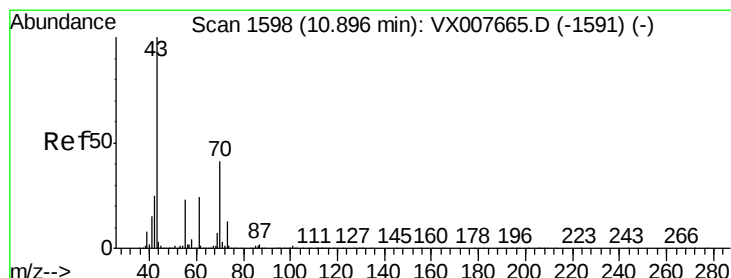
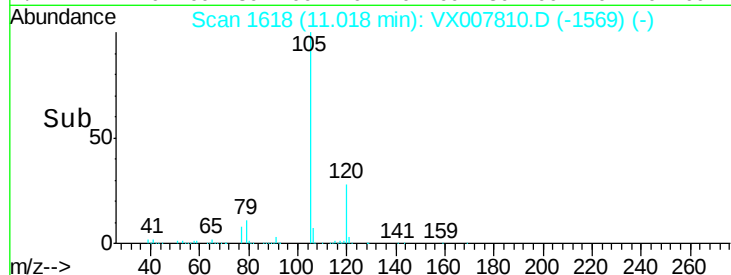
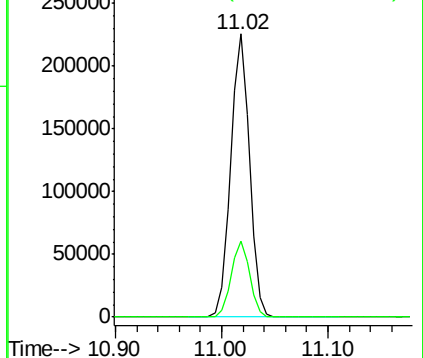
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.869 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Tgt Ion: 43 Resp: 125868

Ion Ratio Lower Upper

43 100

70 42.3 33.8 50.6

55 24.7 19.5 29.3

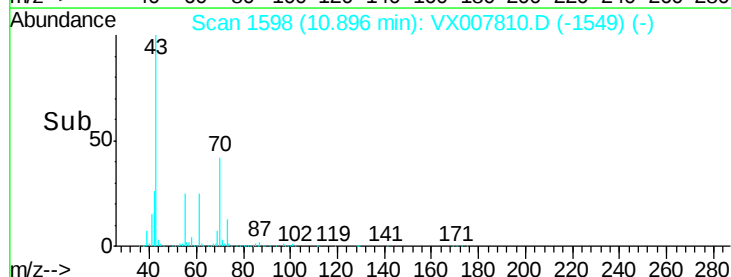
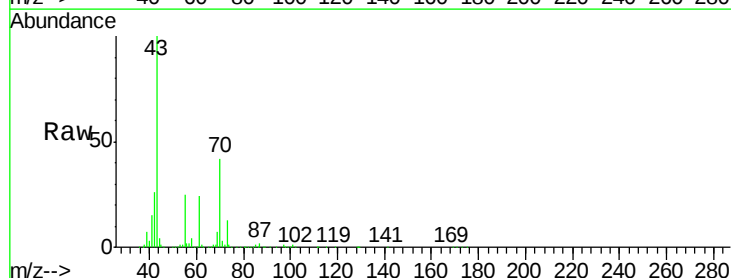
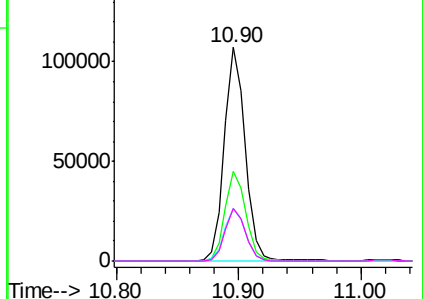
61 24.3 19.4 29.2

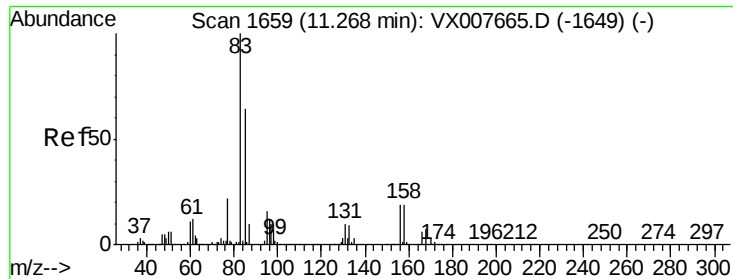
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.628 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

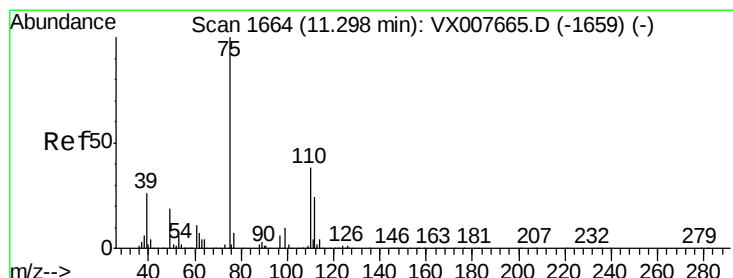
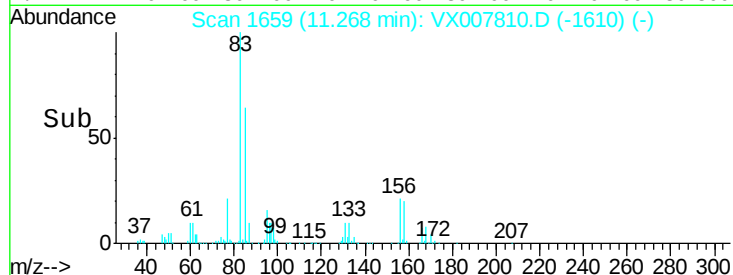
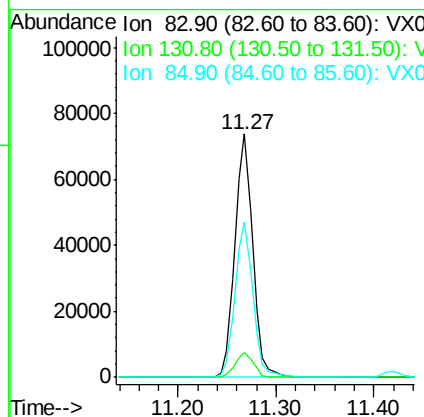
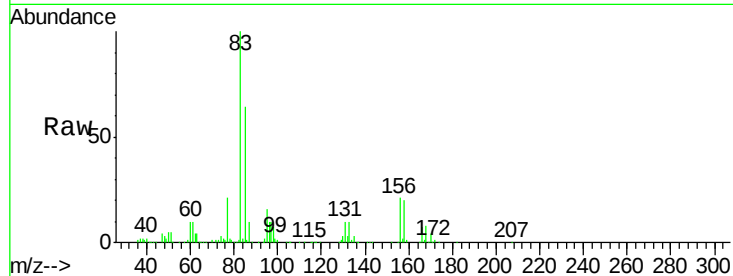
ClientSampleId :

VX0304WBS01

Tot Ion:	83	Resp:	93984
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.7	17.0
85	64.2	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.062 ug/l m

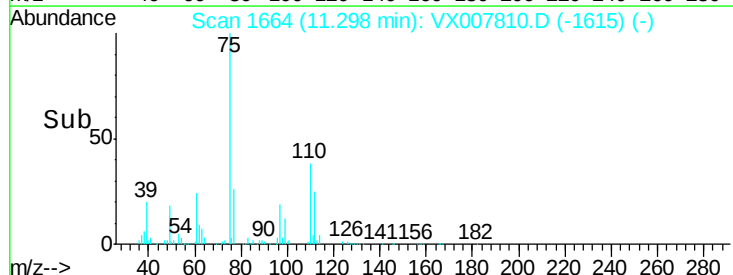
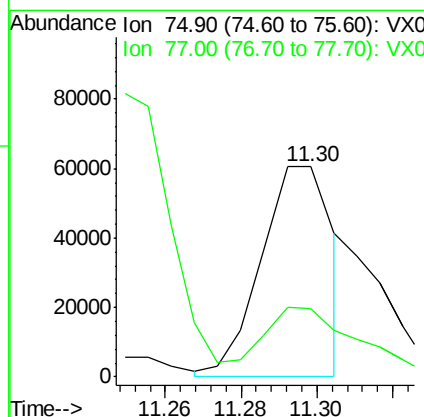
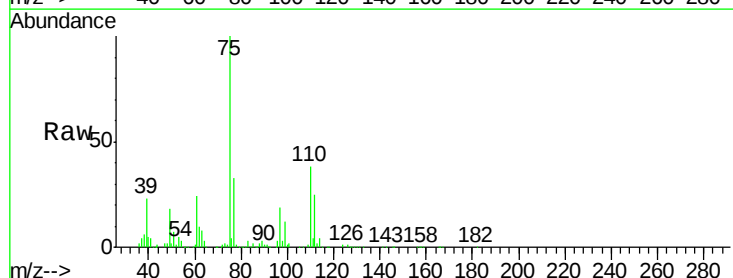
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Tgt Ion:	75	Resp:	78581
Ion Ratio	Lower	Upper	
75	100		
77	44.7	23.0	69.0





#77

Bromobenzene

Concen: 20.488 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion:156 Resp: 74965

Ion Ratio Lower Upper

156 100

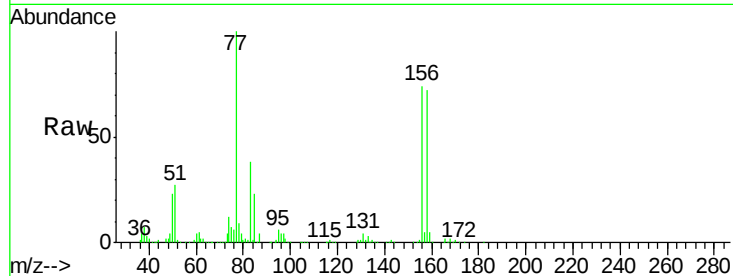
77 142.8 66.8 200.6

158 97.2 47.9 143.8

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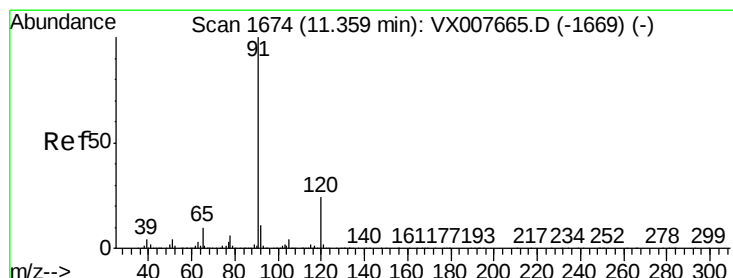
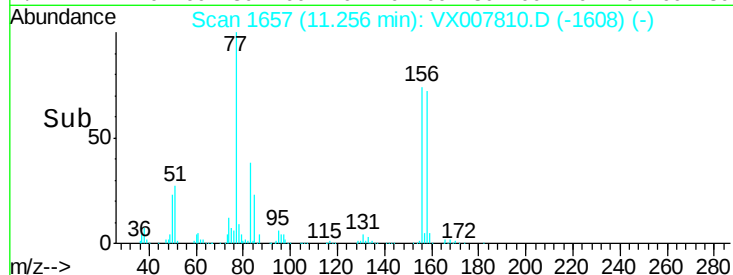
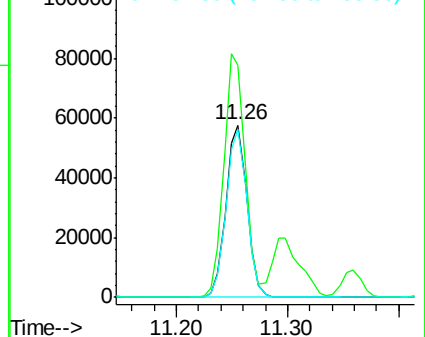
3/5/2019 9:34:37 AM



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: 18.479 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007810.D

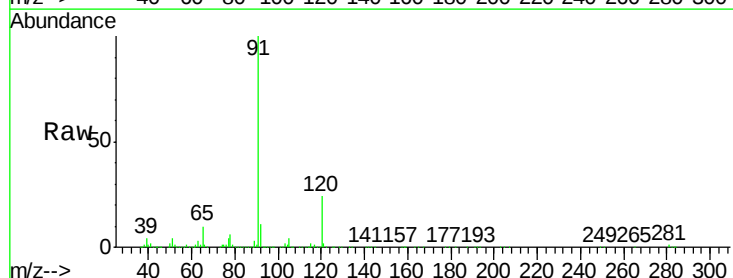
Acq: 04 Mar 2019 15:02

Tgt Ion: 91 Resp: 304606

Ion Ratio Lower Upper

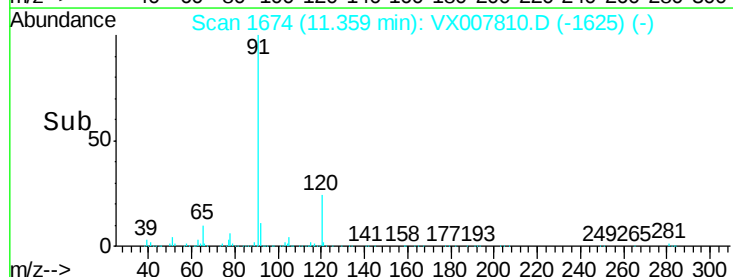
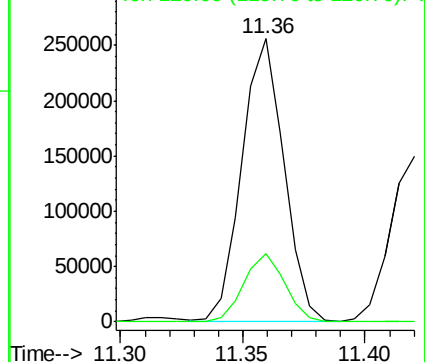
91 100

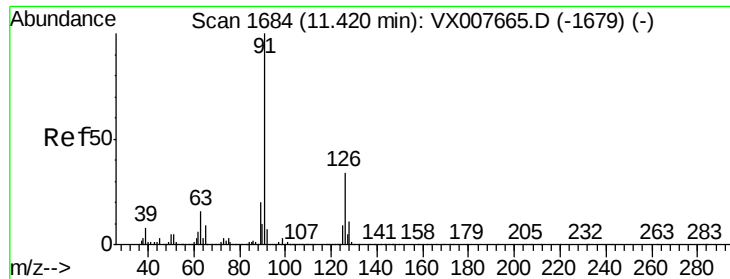
120 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





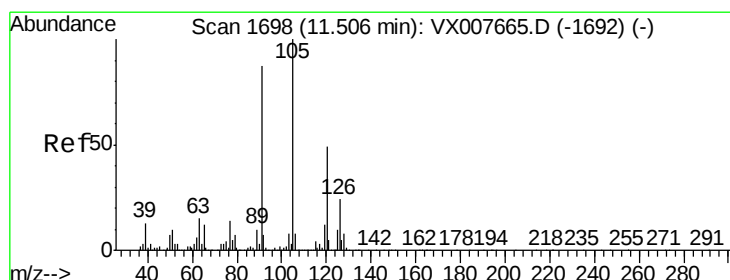
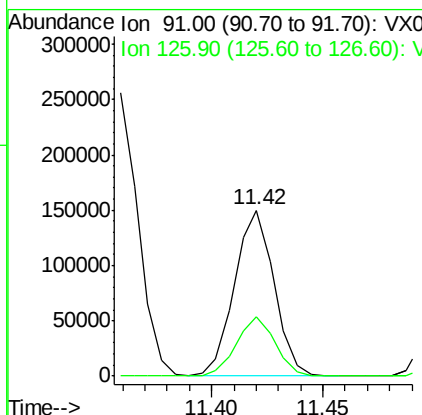
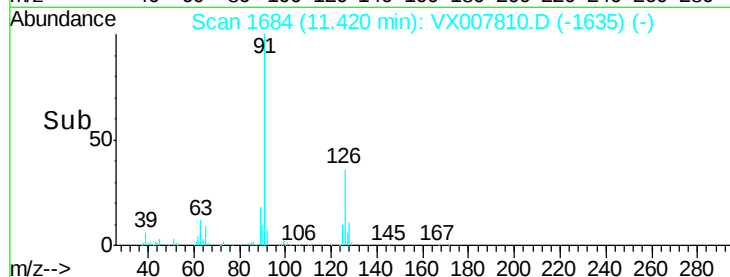
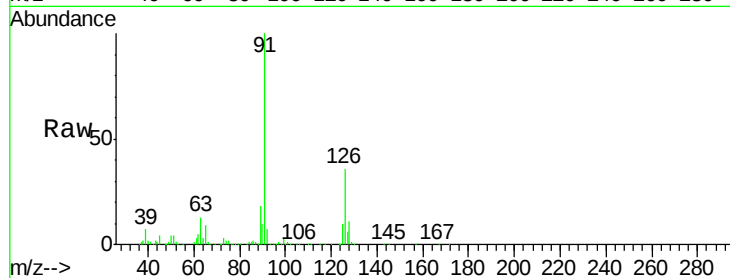
#79
 2-Chlorotoluene
 Concen: 18.686 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion: 91 Resp: 185470
 Ion Ratio Lower Upper
 91 100
 126 35.3 18.7 56.1

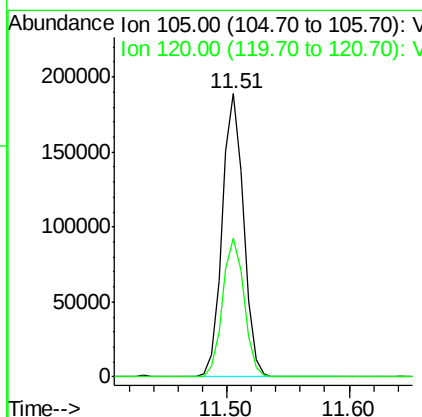
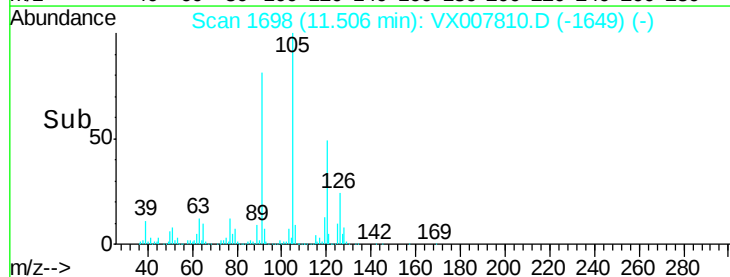
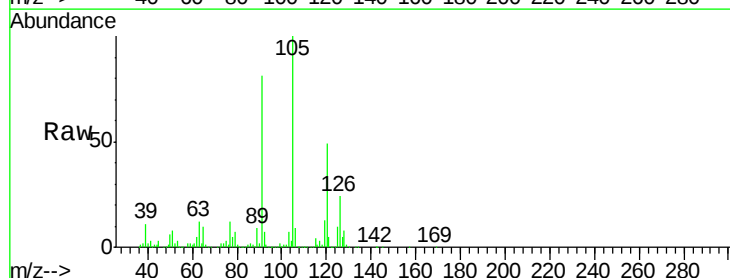
Manual Integrations
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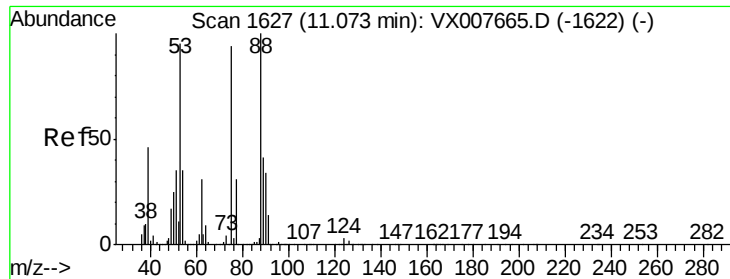
MMDadoda
 3/5/2019 9:34:37 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.994 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion: 105 Resp: 227911
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.3 75.8





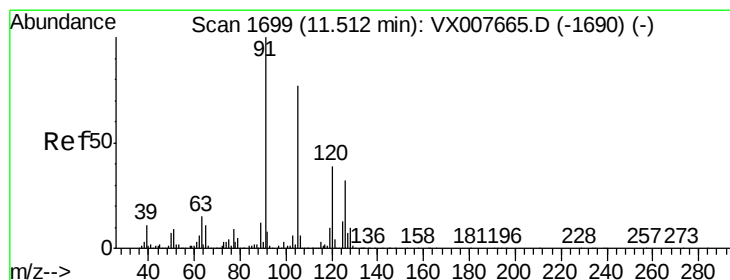
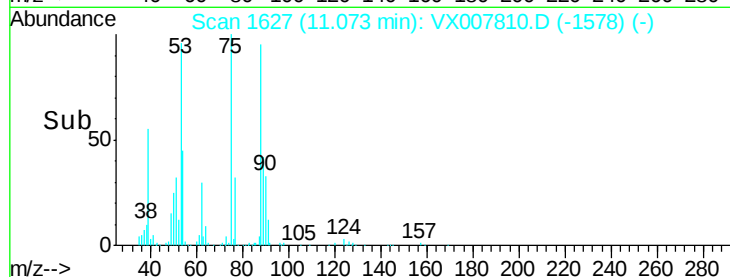
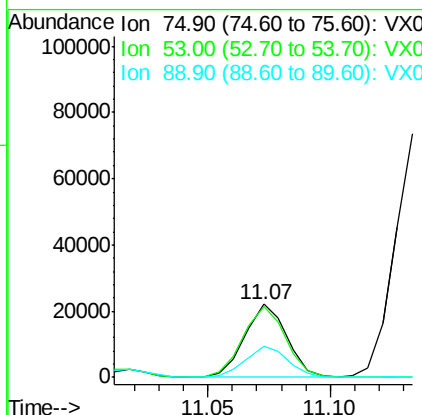
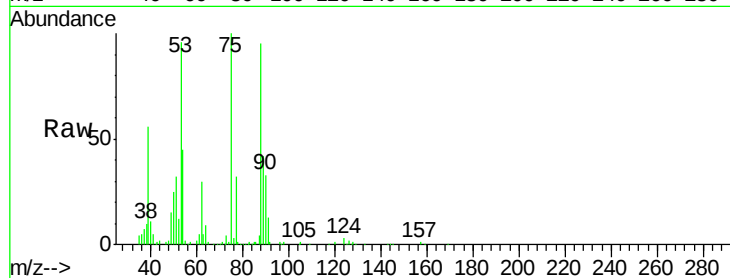
#81
trans-1,4-Dichloro-2-butene
Concen: 18.378 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	81.0	121.6
89	43.8	41.4	62.0

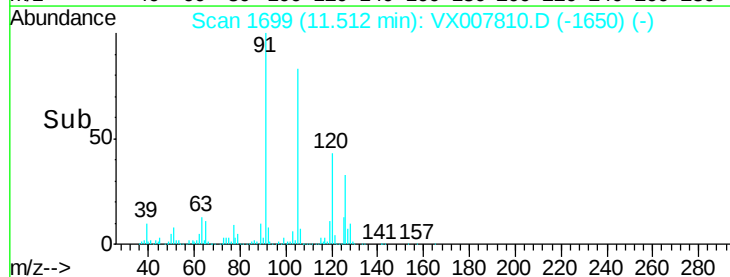
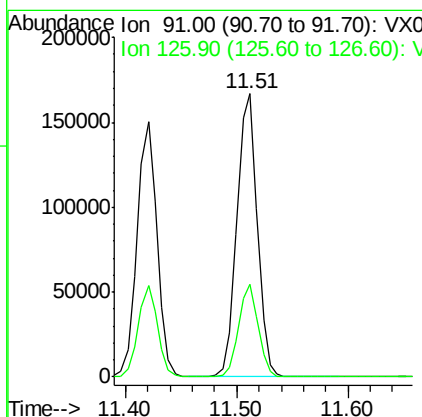
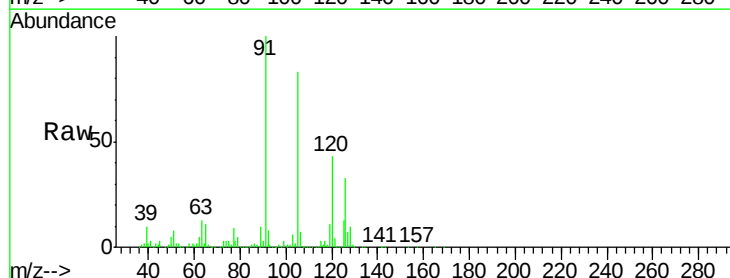
Manual Integrations
APPROVED

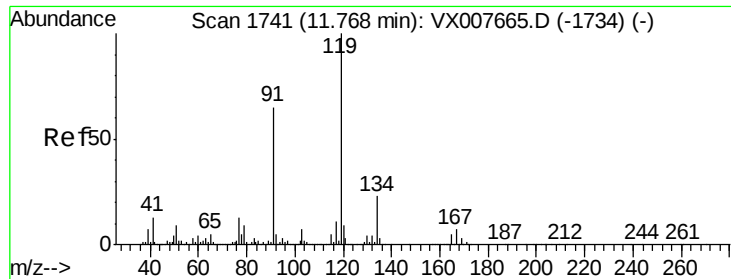
MMDadoda
3/5/2019 9:34:37 AM



#82
4-Chlorotoluene
Concen: 18.188 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.2	48.5





#83

tert-Butylbenzene

Concen: 19.599 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

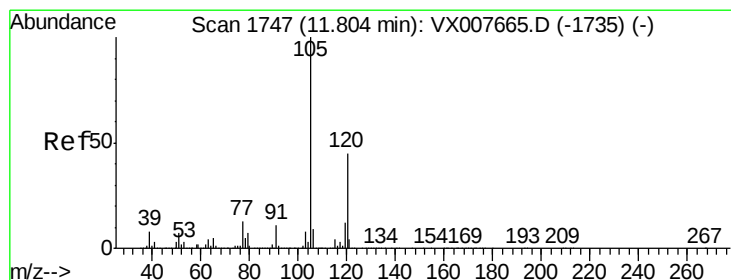
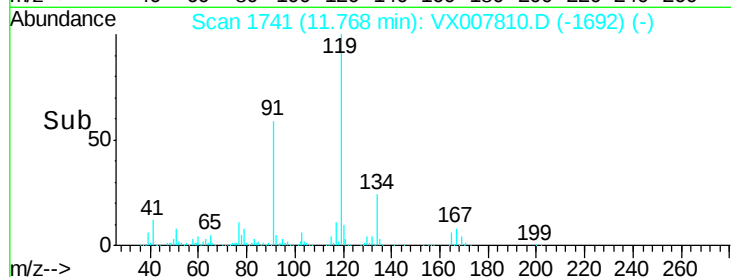
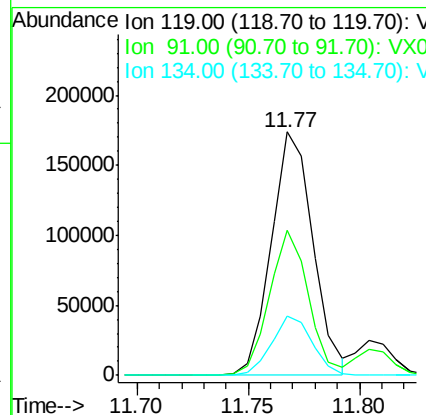
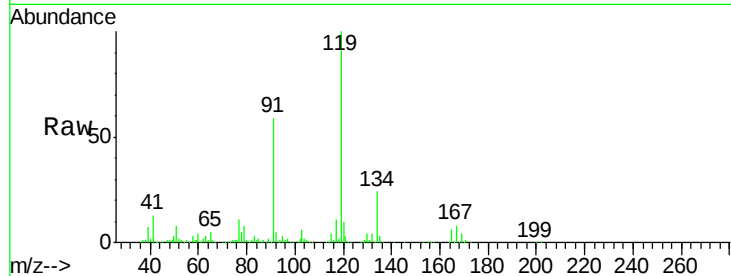
ClientSampleId :

VX0304WBS01

Tot Ion:	119	Resp:	225800
Ion Ratio	Lower	Upper	
119	100		
91	55.7	28.5	85.6
134	23.5	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.177 ug/l

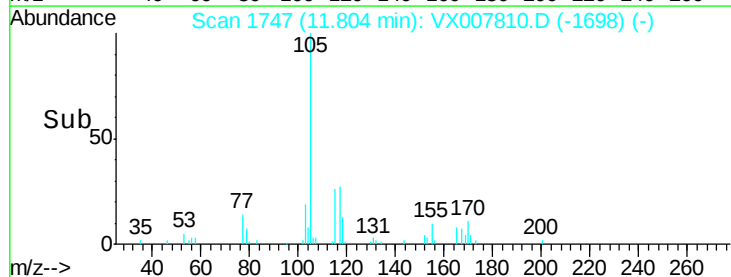
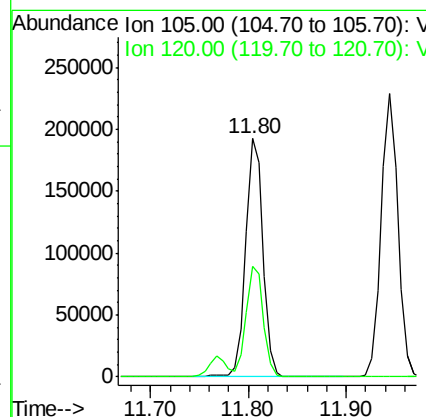
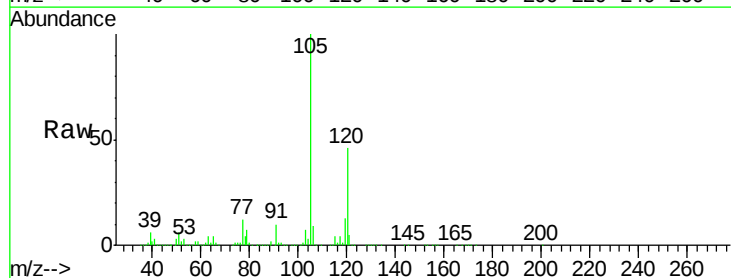
RT: 11.80 min Scan# 1747

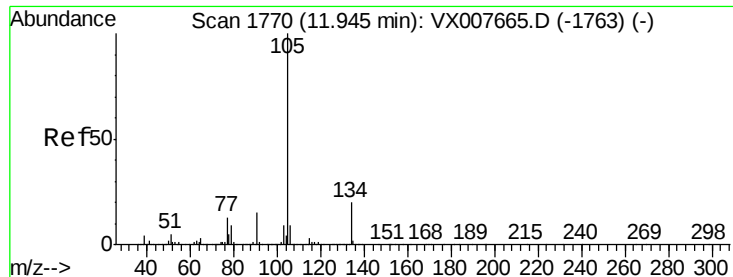
Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Tgt Ion:	105	Resp:	235377
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 18.894 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampled :

VX0304WBS01

Tot Ion:105 Resp: 272768

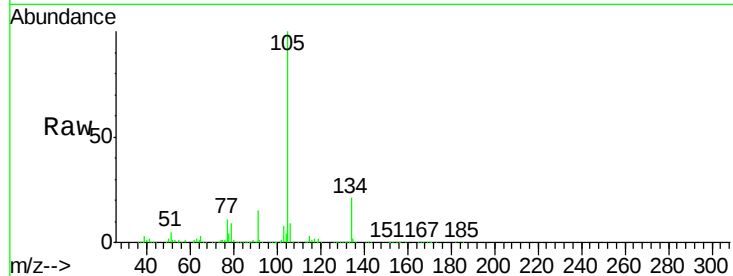
Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8

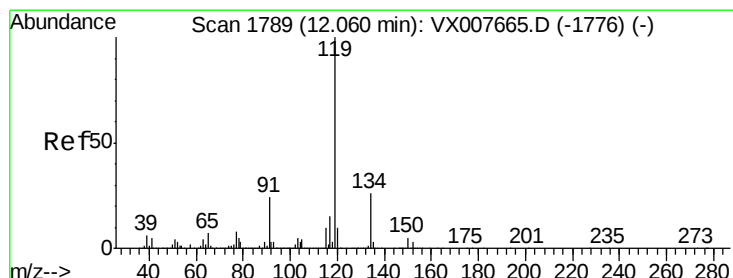
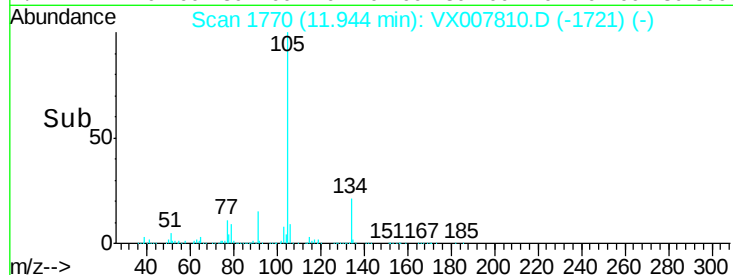
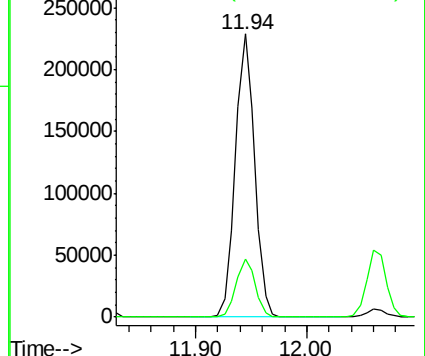
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.219 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

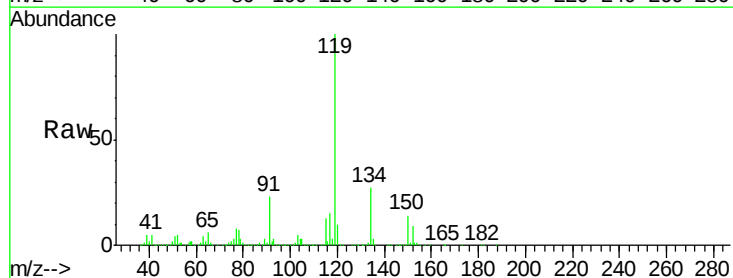
Tgt Ion:119 Resp: 242987

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

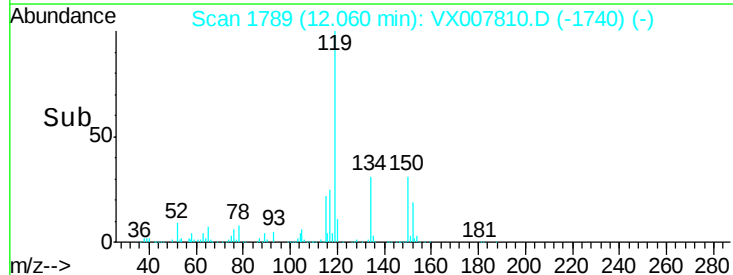
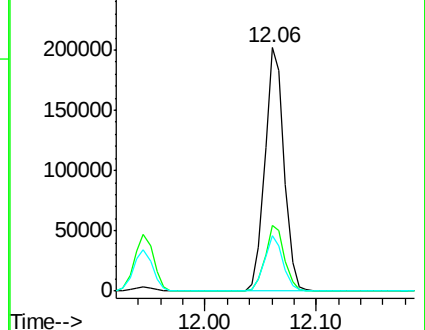
91 22.0 11.2 33.5

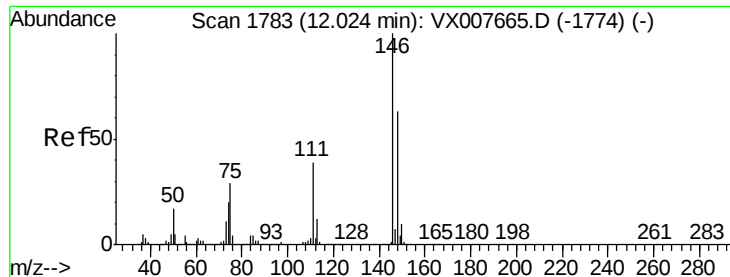


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





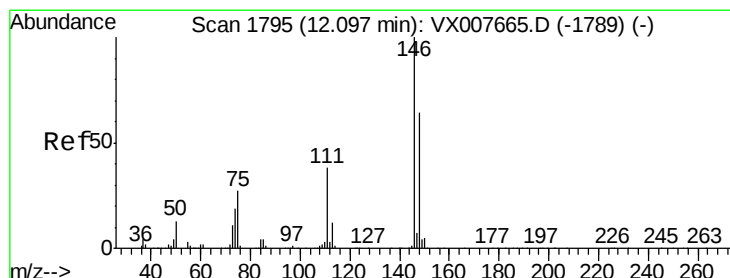
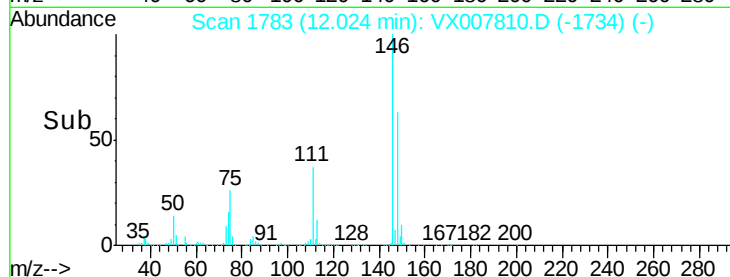
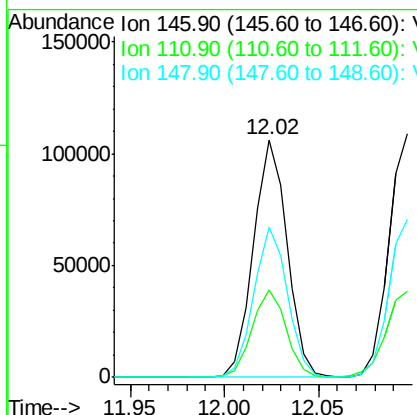
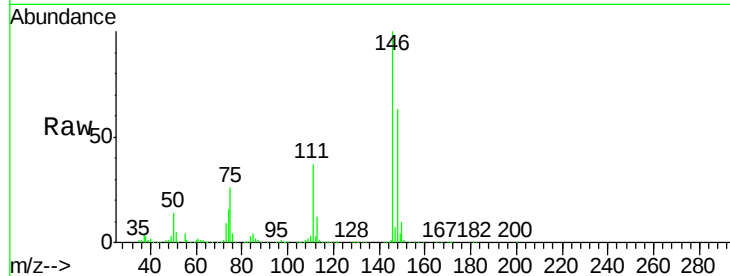
#87
 1,3-Dichlorobenzene
 Concen: 19.403 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Instrument :
 MSVOA_X
 ClientSampled :
 VX0304WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	63.0	32.0	96.2

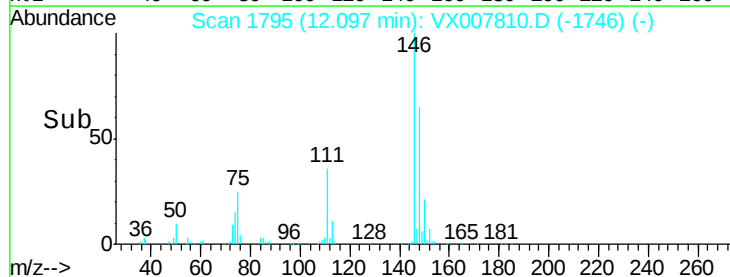
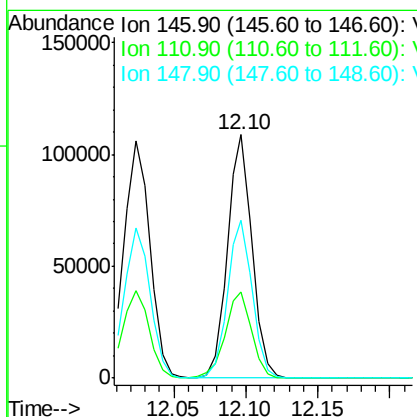
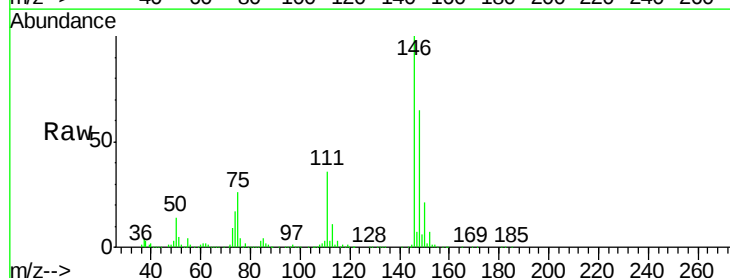
Manual Integrations
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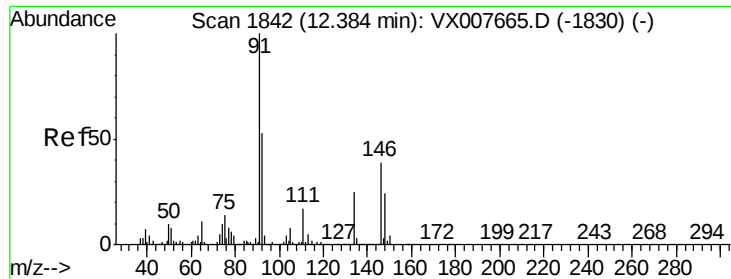
MMDadoda
 3/5/2019 9:34:37 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.795 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	65.3	32.3	96.9





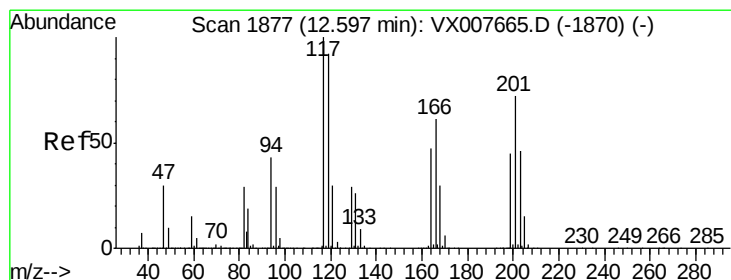
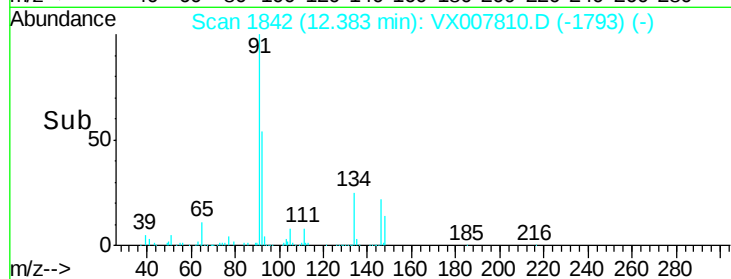
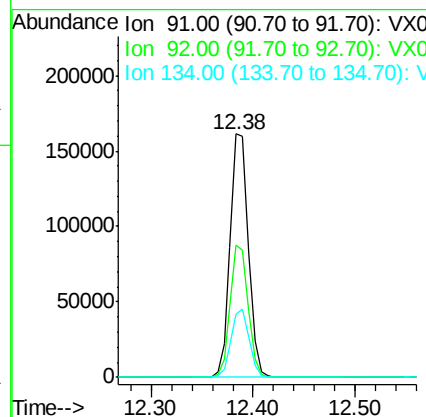
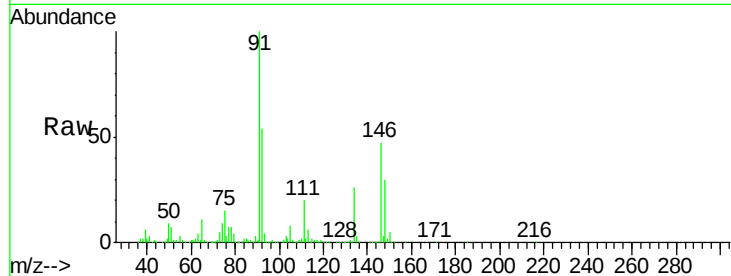
#89
n-Butylbenzene
Concen: 17.689 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.3	78.9
134	27.5	13.9	41.6

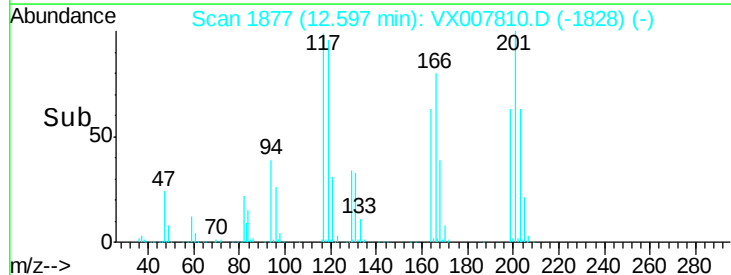
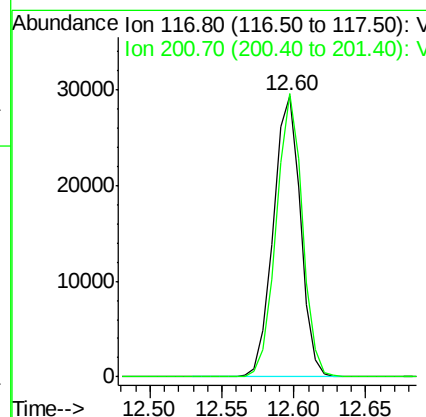
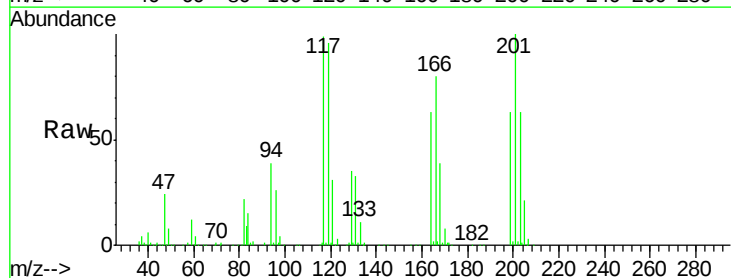
Manual Integrations
APPROVED

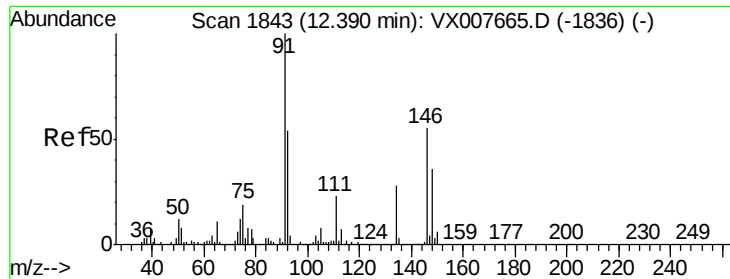
MMDadoda
3/5/2019 9:34:37 AM



#90
Hexachloroethane
Concen: 18.054 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.8	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 19.219 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

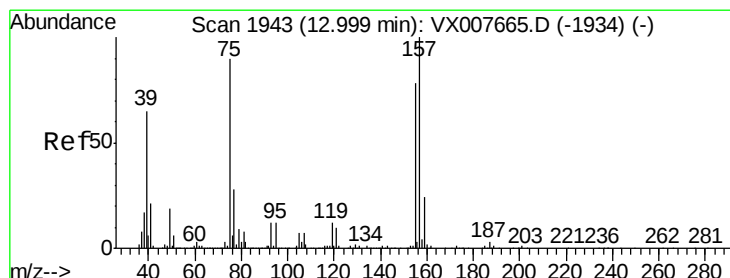
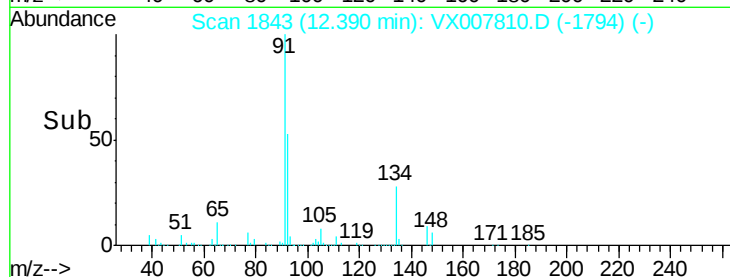
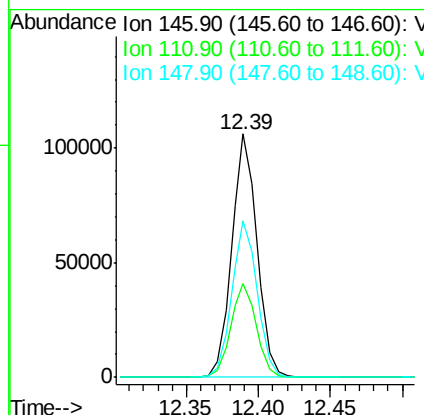
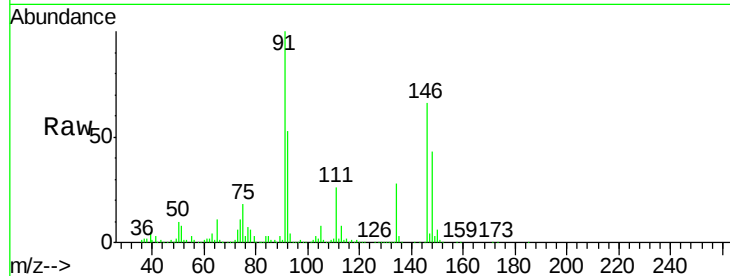
ClientSampled :

VX0304WBS01

Tot Ion:	146	Resp:	130513
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.1	57.3
148	64.9	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:37 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.794 ug/l

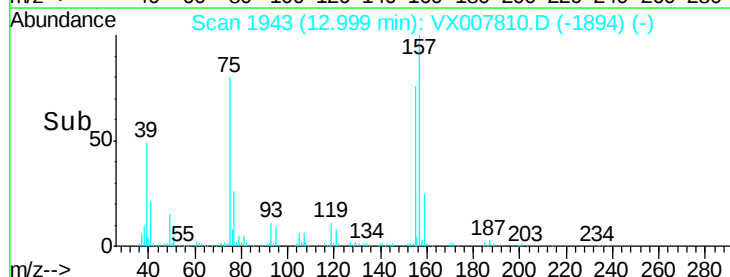
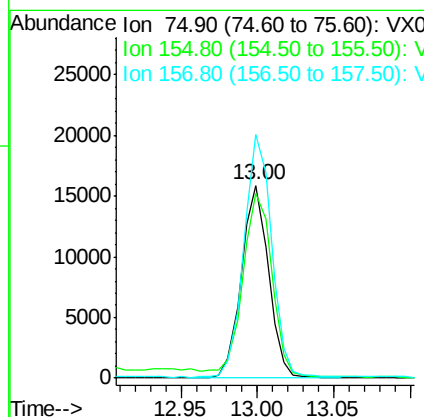
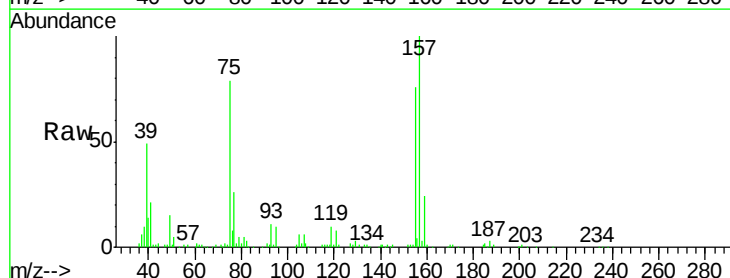
RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Tgt Ion:	75	Resp:	19561
Ion Ratio	Lower	Upper	
75	100		
155	103.4	49.6	149.0
157	129.2	65.1	195.3





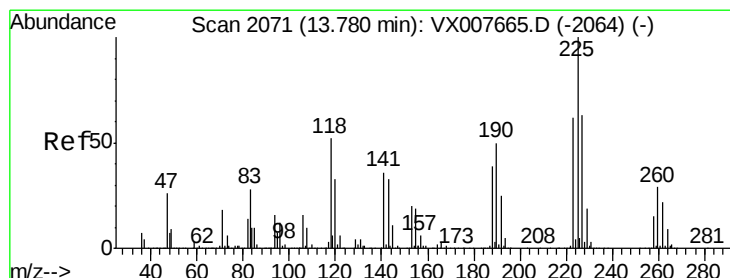
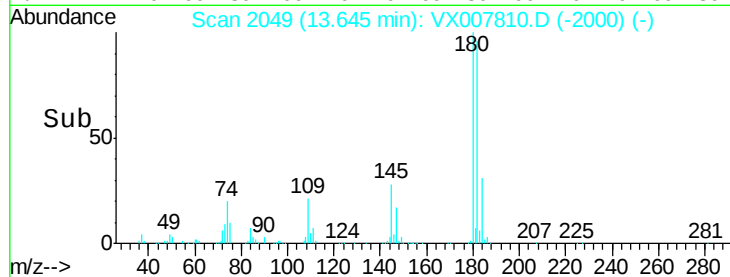
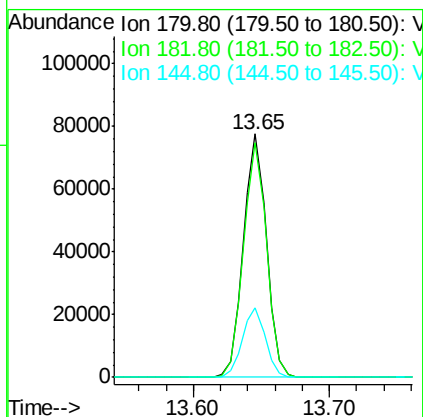
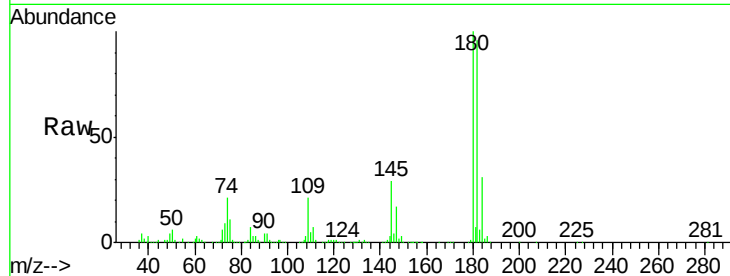
#93
 1,2,4-Trichlorobenzene
 Concen: 22.172 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	91908		
182	96.8	47.8	143.3	
145	28.5	14.1	42.2	

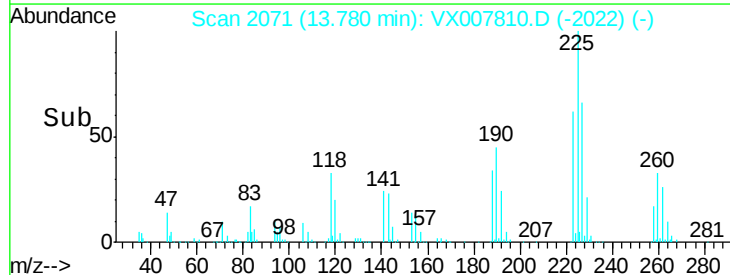
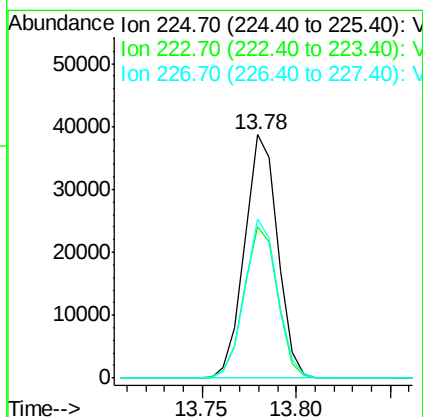
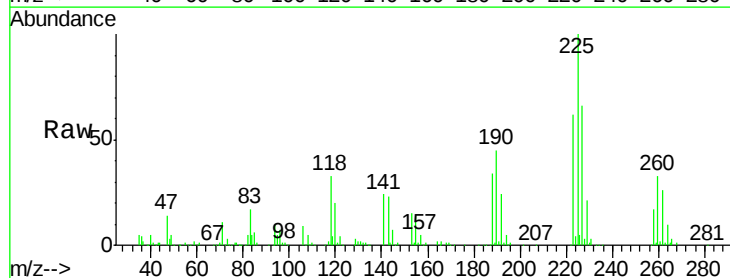
Manual Integrations
 APPROVED

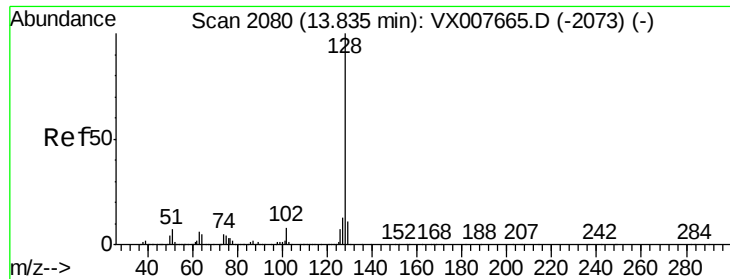
MMDadoda
 3/5/2019 9:34:37 AM



#94
 Hexachlorobutadiene
 Concen: 24.813 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47051		
223	62.9	31.6	94.8	
227	64.6	32.1	96.3	





#95

Naphthalene

Concen: 21.063 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

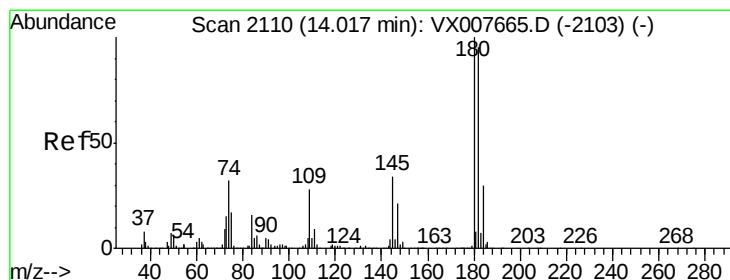
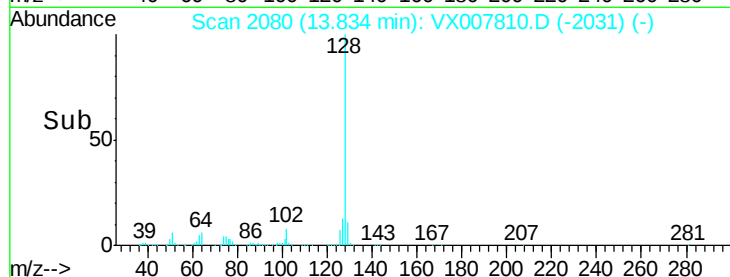
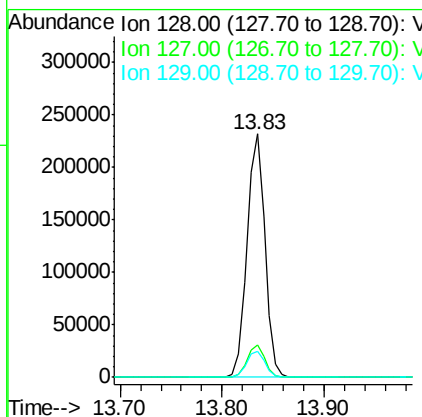
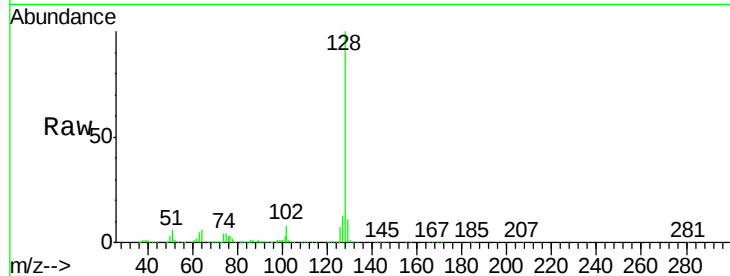
ClientSampleId :

VX0304WBS01

Tot Ion:	128	Resp:	282866
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/5/2019 9:34:37 AM



#96

1,2,3-Trichlorobenzene

Concen: 22.242 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Tgt Ion:	180	Resp:	92572
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.5	142.6
145	30.1	14.9	44.5

