

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041119\
 Data File : VX008849.D
 Acq On : 11 Apr 2019 14:11
 Operator : JC/SP
 Sample : VX0411WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 9:45:46 AM

Quant Time: Apr 12 07:51:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	161684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	263619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112184	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110191	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	5.50	113	81630	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	329954	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	121237	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42115	22.629	ug/l	100
3) Chloromethane	1.32	50	52866	22.240	ug/l	99
4) Vinyl Chloride	1.40	62	46392	18.440	ug/l	98
5) Bromomethane	1.64	94	26895	22.768	ug/l	99
6) Chloroethane	1.71	64	27465	18.055	ug/l	99
7) Trichlorofluoromethane	1.92	101	51402	18.483	ug/l	99
8) Diethyl Ether	2.18	74	23702	17.972	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32795	18.315	ug/l	98
10) Methyl Iodide	2.51	142	31951	22.027	ug/l	100
11) Tert butyl alcohol	3.05	59	52451	95.003	ug/l	98
12) 1,1-Dichloroethene	2.37	96	33631	17.992	ug/l	95
13) Acrolein	2.29	56	29187	106.616	ug/l	98
14) Allyl chloride	2.73	41	78924	18.444	ug/l	99
15) Acrylonitrile	3.14	53	132887	90.857	ug/l	100
16) Acetone	2.45	43	114839	84.547	ug/l	99
17) Carbon Disulfide	2.57	76	99994	18.052	ug/l	99
18) Methyl Acetate	2.78	43	57624	17.492	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	125492	18.799	ug/l	100
20) Methylene Chloride	2.85	84	40813	17.951	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	35697	17.656	ug/l	94
22) Diisopropyl ether	3.85	45	153359	18.595	ug/l	90
23) Vinyl Acetate	3.81	43	682877	95.177	ug/l	99
24) 1,1-Dichloroethane	3.70	63	74994	18.365	ug/l	99
25) 2-Butanone	4.67	43	197100	91.811	ug/l	99
26) 2,2-Dichloropropane	4.59	77	52416	18.225	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	41691	17.935	ug/l	99
28) Bromochloromethane	5.01	49	36882	19.794	ug/l	98
29) Tetrahydrofuran	5.13	42	132296	92.847	ug/l	98
30) Chloroform	5.21	83	66051	18.110	ug/l	100
31) Cyclohexane	5.57	56	74488	18.281	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	55540	18.844	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52354	18.168	ug/l	98
37) Ethyl Acetate	4.83	43	73285	19.053	ug/l	99
38) Carbon Tetrachloride	5.78	117	44471	18.646	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66575	18.702	ug/l	99
40) Benzene	6.14	78	161986	18.869	ug/l	99
41) Methacrylonitrile	5.04	41	40985	18.538	ug/l	99
42) 1,2-Dichloroethane	6.19	62	57187	18.582	ug/l	99
43) Isopropyl Acetate	6.45	43	115332	19.141	ug/l	100
44) Trichloroethene	7.21	130	37704	18.857	ug/l	98
45) 1,2-Dichloropropane	7.51	63	45500	18.569	ug/l	98
46) Dibromomethane	7.66	93	25821	18.169	ug/l	99
47) Bromodichloromethane	7.90	83	49538	18.488	ug/l	99
48) Methyl methacrylate	7.77	41	58821	19.299	ug/l	98
49) 1,4-Dioxane	7.74	88	22536	394.703	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	386213	99.572	ug/l	100
52) Toluene	8.78	92	97980	19.359	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	56714	18.895	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	63558	18.532	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	38766	19.082	ug/l	97
56) Ethyl methacrylate	9.18	69	71689	19.503	ug/l	98
57) 1,3-Dichloropropane	9.37	76	68546	18.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	187471	99.883	ug/l	99
59) 2-Hexanone	9.49	43	299148	99.242	ug/l	100
60) Dibromochloromethane	9.58	129	35894	18.750	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39004	18.442	ug/l	97
64) Tetrachloroethene	9.34	164	34366	19.691	ug/l	99
65) Chlorobenzene	10.13	112	98233	18.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	34419	18.789	ug/l	99
67) Ethyl Benzene	10.25	91	185398	19.041	ug/l	100
68) m/p-Xylenes	10.36	106	134099	38.305	ug/l	99
69) o-Xylene	10.69	106	66270	19.533	ug/l	97
70) Styrene	10.71	104	113821	19.463	ug/l	99
71) Bromoform	10.85	173	26327	18.818	ug/l #	98
73) Isopropylbenzene	11.02	105	174954	18.818	ug/l	99
74) N-amyl acetate	10.90	43	101722	18.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	63075	17.839	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	55536m	18.021	ug/l	
77) Bromobenzene	11.26	156	41842	18.721	ug/l	98
78) n-propylbenzene	11.36	91	202214	18.680	ug/l	100
79) 2-Chlorotoluene	11.42	91	121600	18.562	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	147274	18.871	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19861	17.765	ug/l	93
82) 4-Chlorotoluene	11.51	91	138527	18.268	ug/l	100
83) tert-Butylbenzene	11.77	119	136383	18.165	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	148983	18.854	ug/l	100
85) sec-Butylbenzene	11.94	105	167158	18.743	ug/l	99
86) p-Isopropyltoluene	12.06	119	152891	19.101	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74620	18.650	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74174	18.307	ug/l	99
89) n-Butylbenzene	12.38	91	139512	18.585	ug/l	100
90) Hexachloroethane	12.60	117	23486	17.690	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	74482	18.749	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13486	17.338	ug/l	99

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ClientSampleId :
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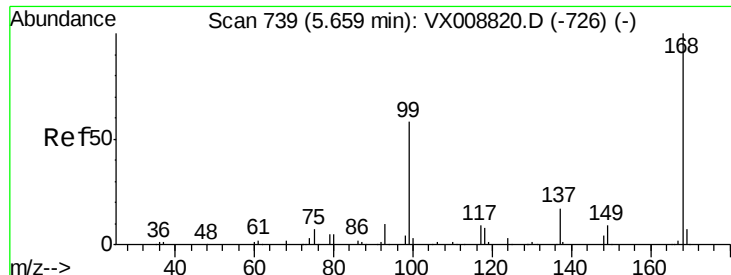
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51297	18.571	ug/l	99
94) Hexachlorobutadiene	13.78	225	25971	19.605	ug/l	98
95) Naphthalene	13.83	128	169574	18.369	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	50884	18.438	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion:168 Resp: 161684

Ion Ratio Lower Upper

168 100

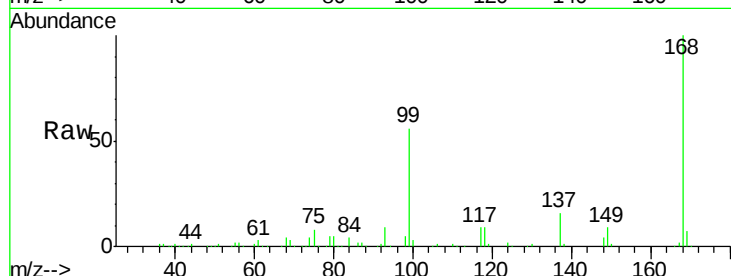
99 55.5 46.7 70.1

Manual Integrations

APPROVED

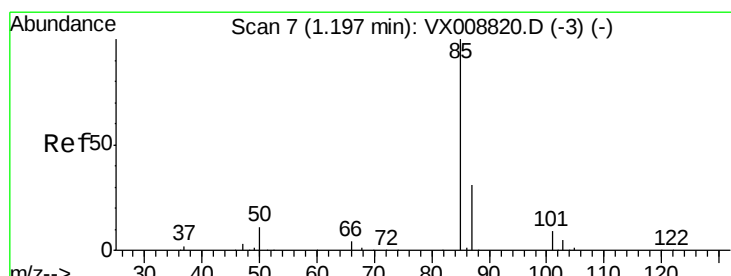
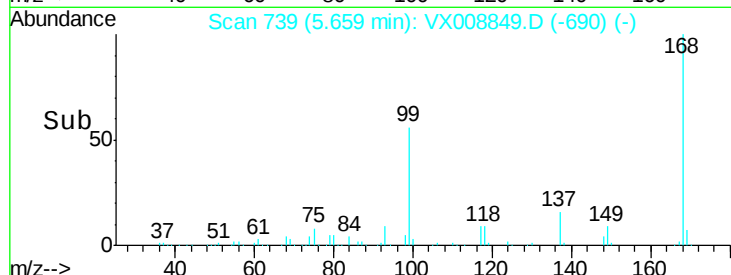
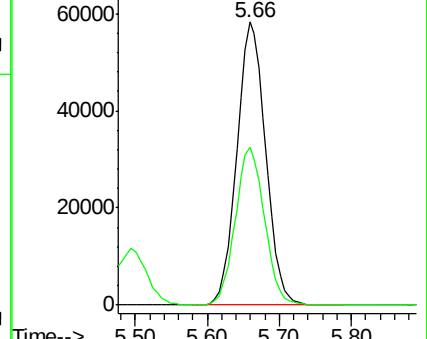
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.629 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008849.D

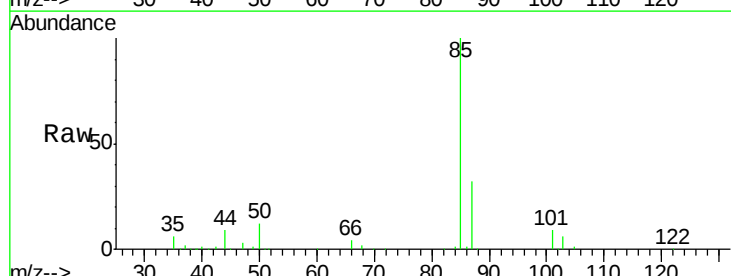
Acq: 11 Apr 2019 14:11

Tgt Ion: 85 Resp: 42115

Ion Ratio Lower Upper

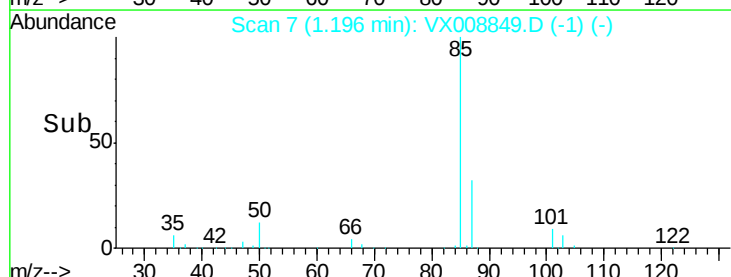
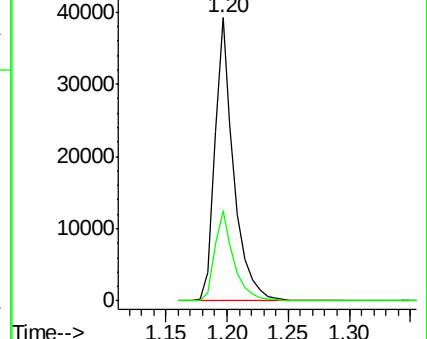
85 100

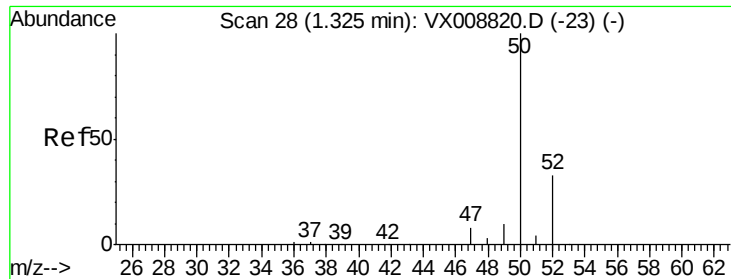
87 31.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 22.240 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion: 50 Resp: 52866

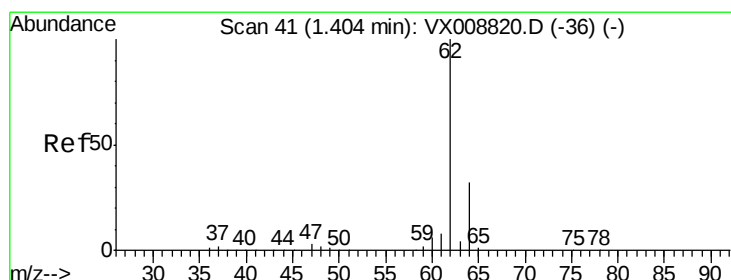
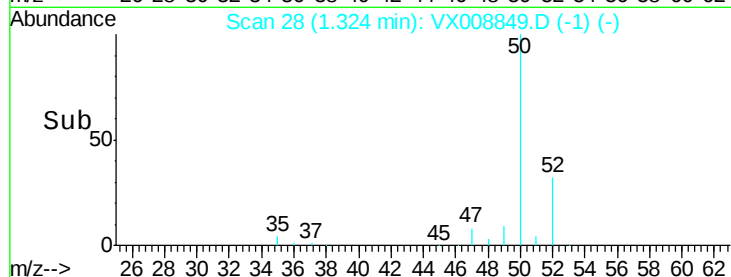
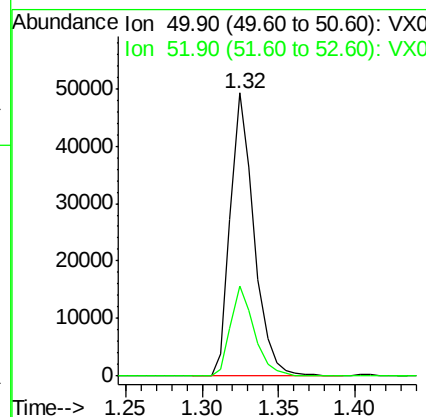
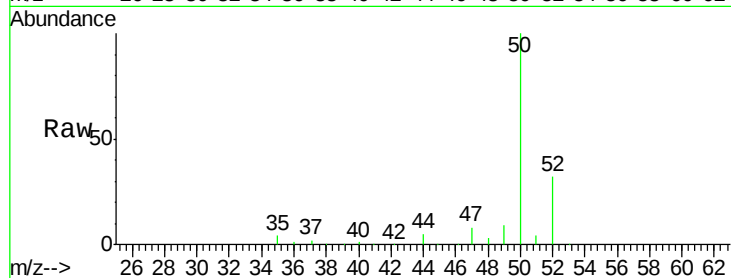
Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.440 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008849.D

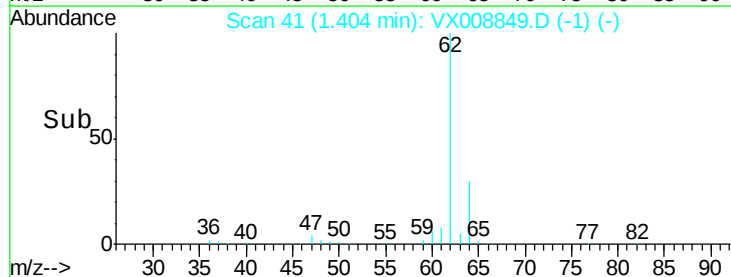
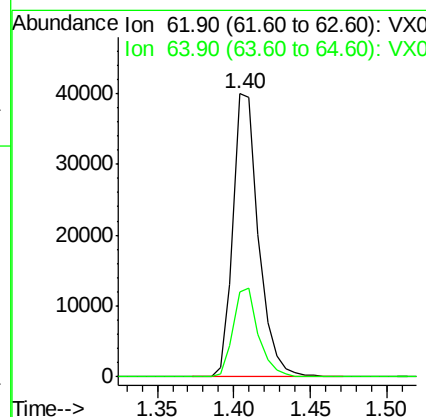
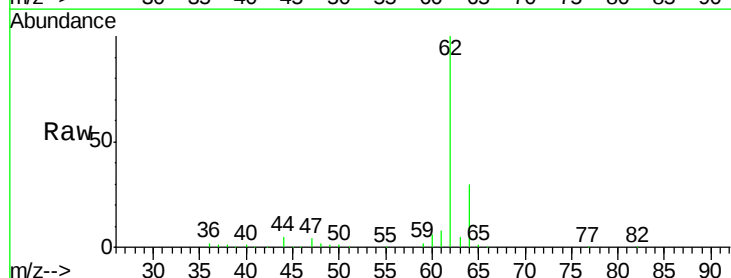
Acq: 11 Apr 2019 14:11

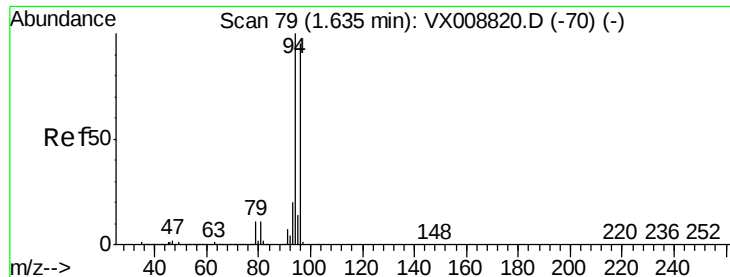
Tgt Ion: 62 Resp: 46392

Ion Ratio Lower Upper

62 100

64 29.7 24.7 37.1





#5

Bromomethane

Concen: 22.768 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion: 94 Resp: 26895

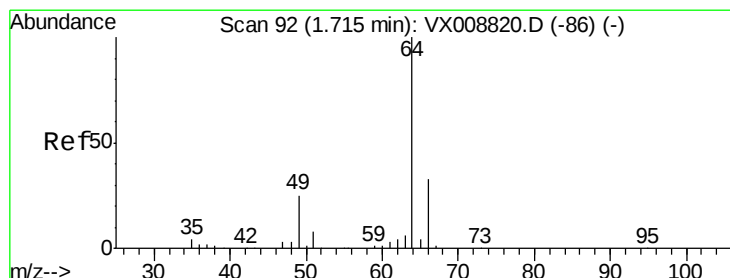
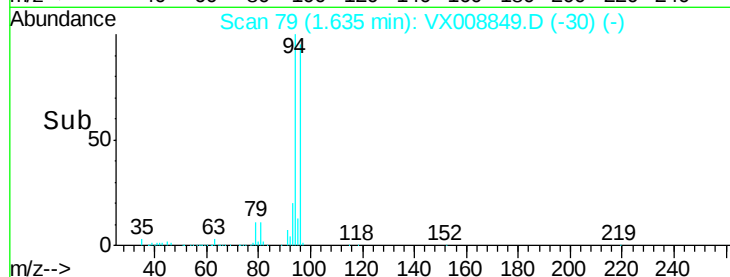
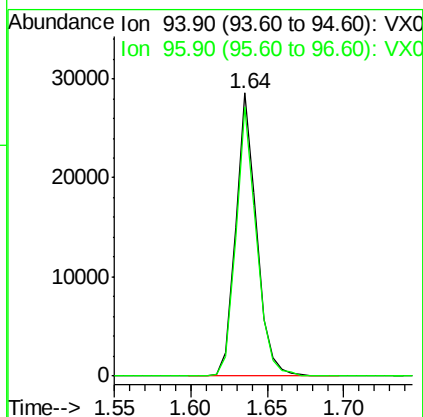
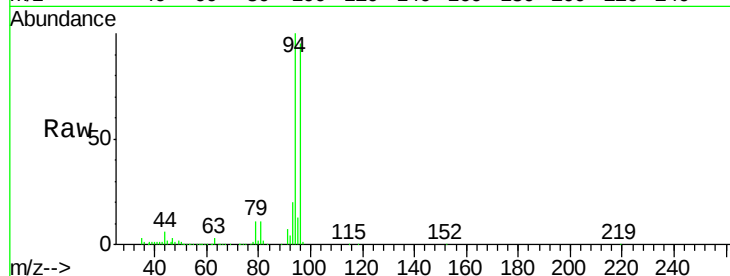
Ion Ratio Lower Upper

94 100

96 95.2 75.2 112.8

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#6

Chloroethane

Concen: 18.055 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008849.D

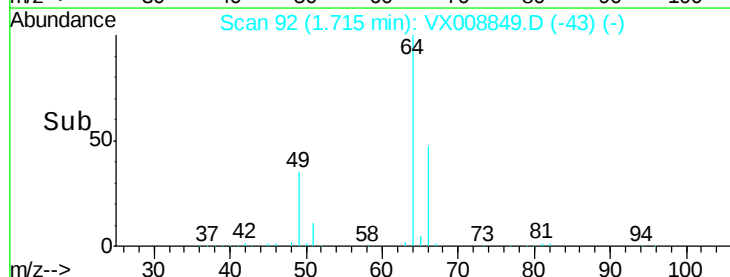
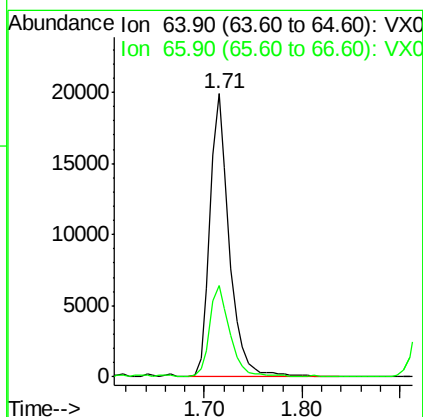
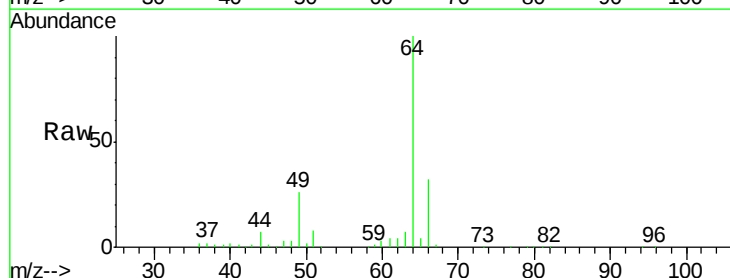
Acq: 11 Apr 2019 14:11

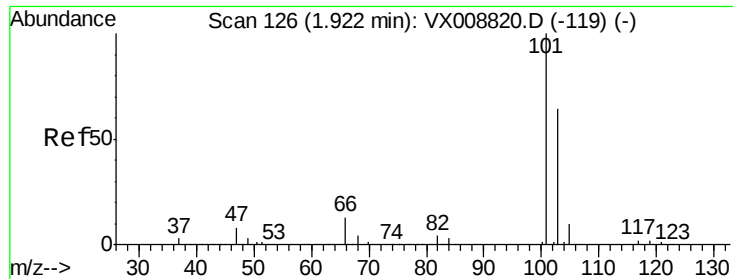
Tgt Ion: 64 Resp: 27465

Ion Ratio Lower Upper

64 100

66 32.4 25.4 38.0





#7

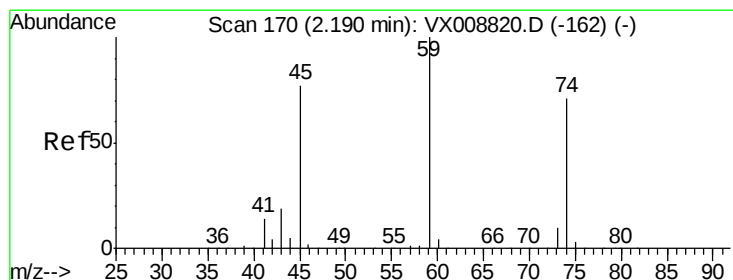
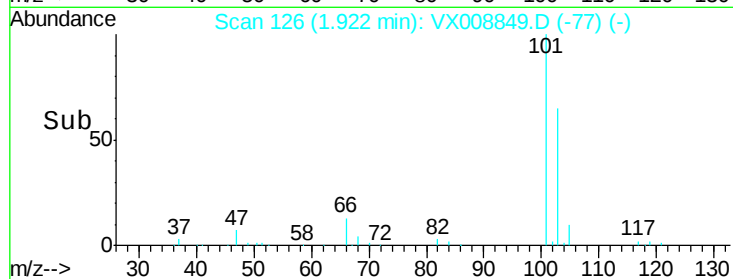
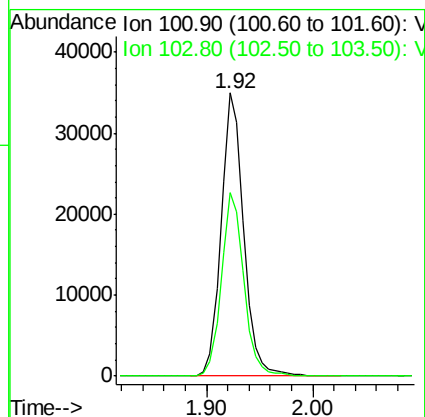
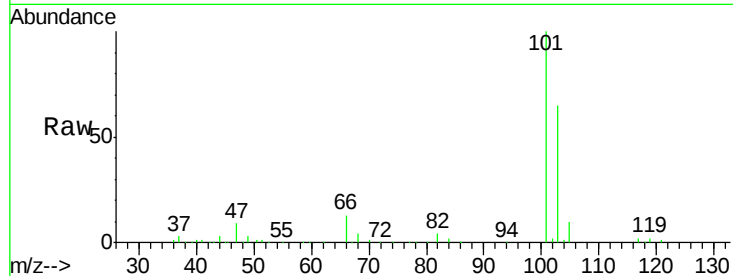
Trichlorofluoromethane
 Concen: 18.483 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Instrument :
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 ClientSampleId :
 VX0411WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.3	78.5

Manual Integrations
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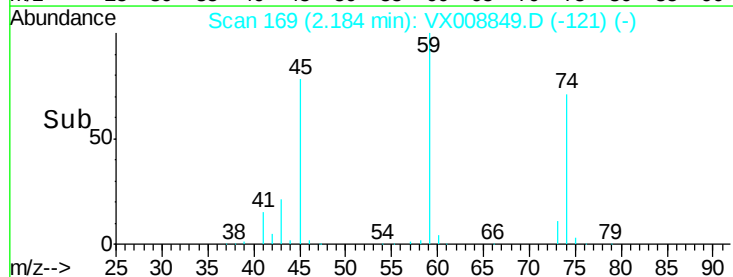
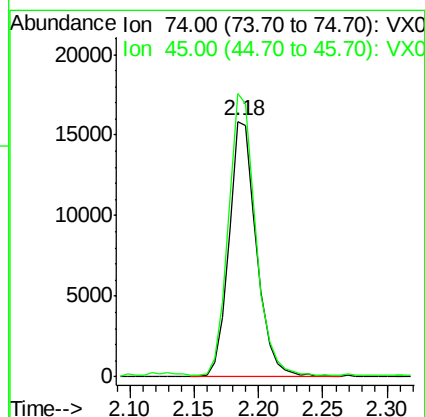
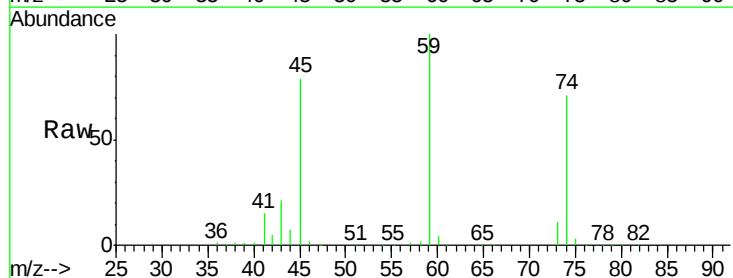
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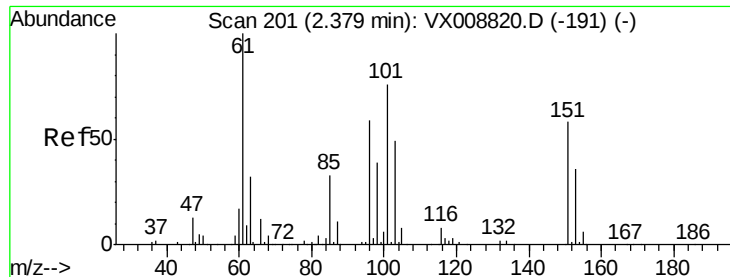


#8

Diethyl Ether
 Concen: 17.972 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.0	56.5	169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.315 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

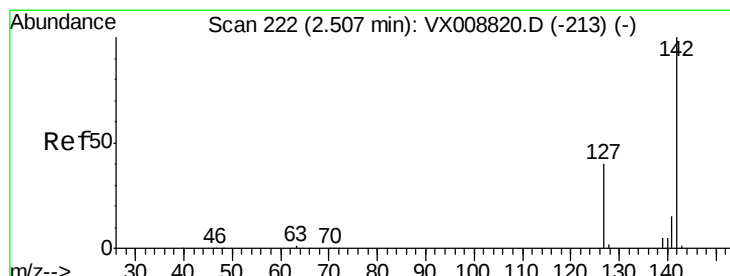
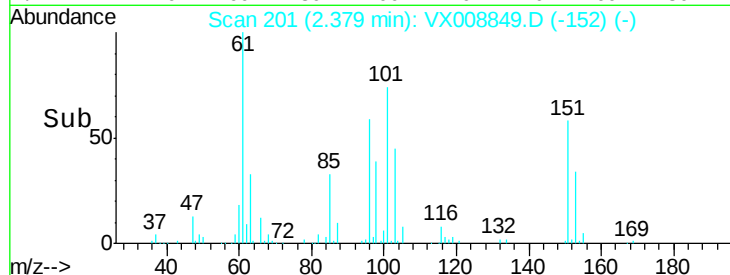
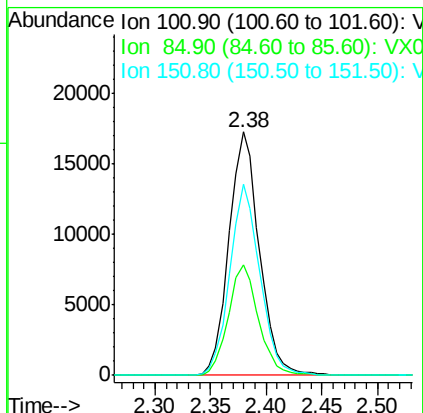
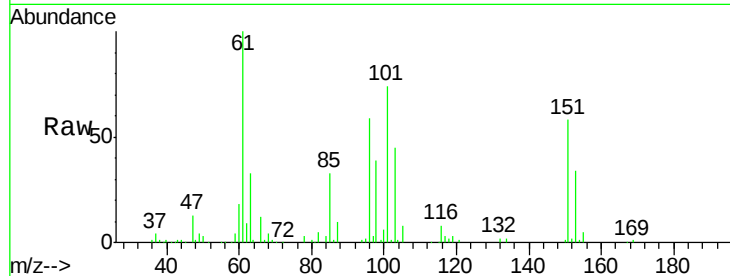
ClientSampleId :

VX0411WBS01

Tot Ion:	101	Resp:	32795
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.0	54.0
151	77.4	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 22.027 ug/l

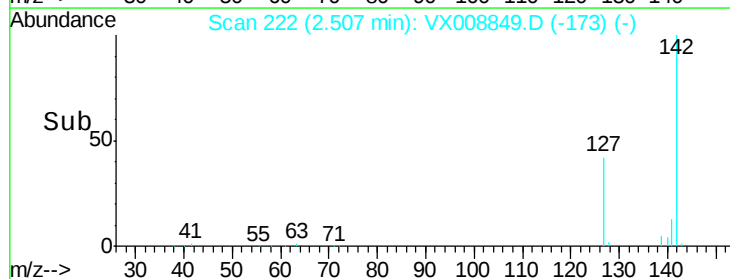
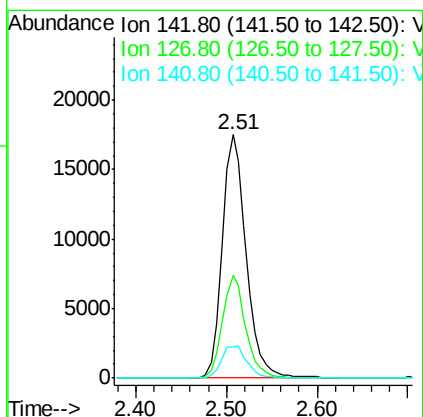
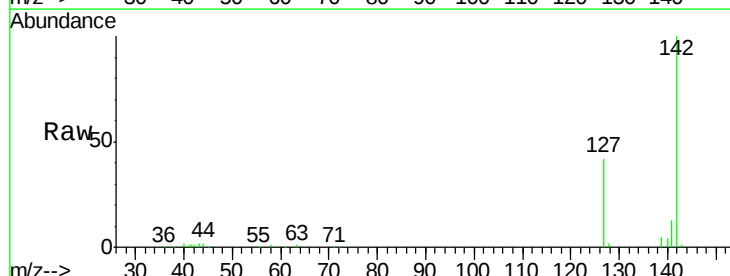
RT: 2.51 min Scan# 222

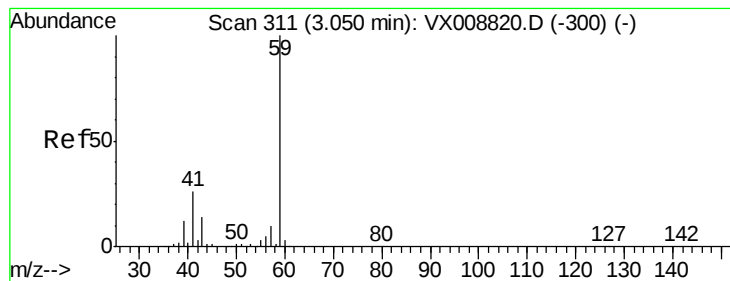
Delta R.T. 0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Tgt Ion:	142	Resp:	31951
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.0	49.6
141	14.3	11.4	17.2





#11

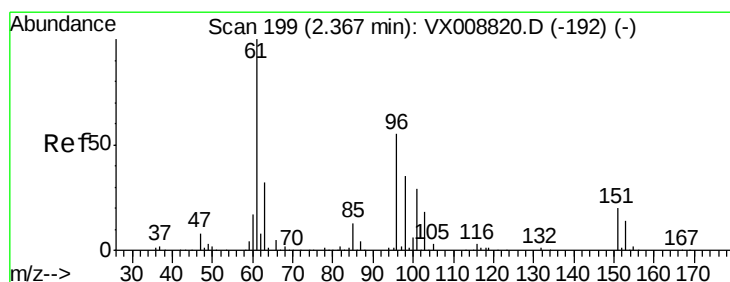
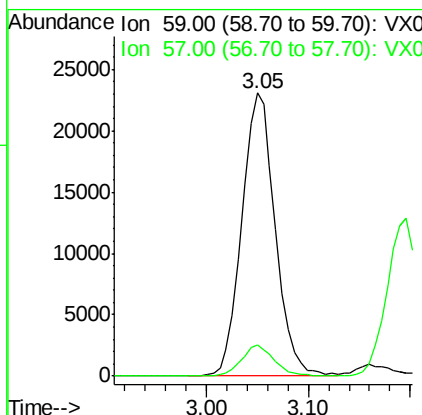
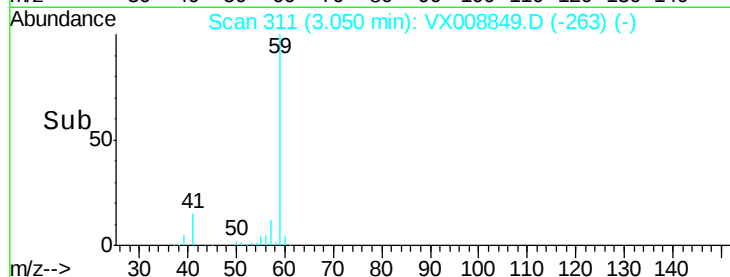
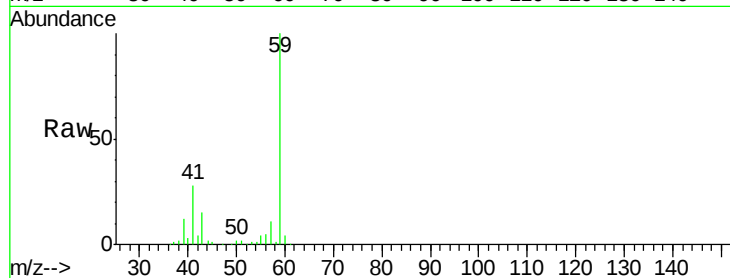
Tert butyl alcohol
 Concen: 95.003 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0411WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	11.0	8.3	12.5

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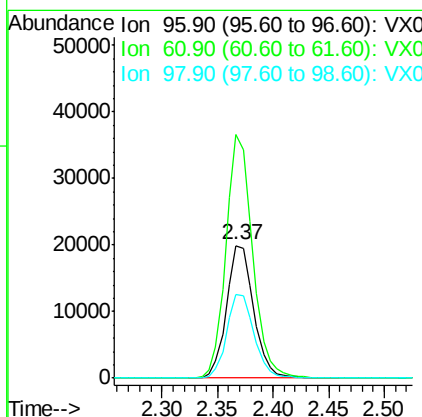
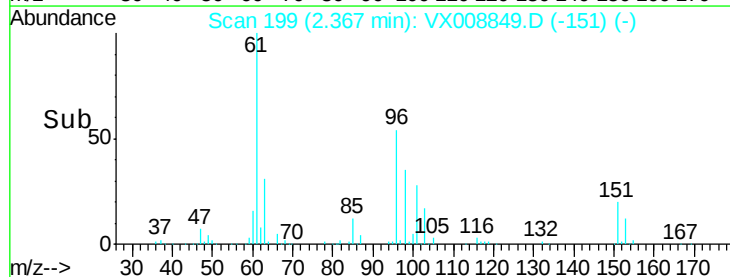
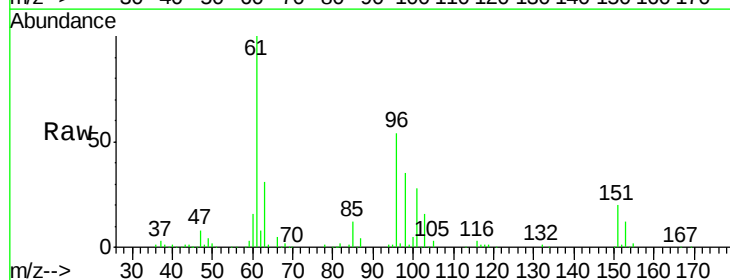
MMDadoda
 4/12/2019 9:45:46 AM

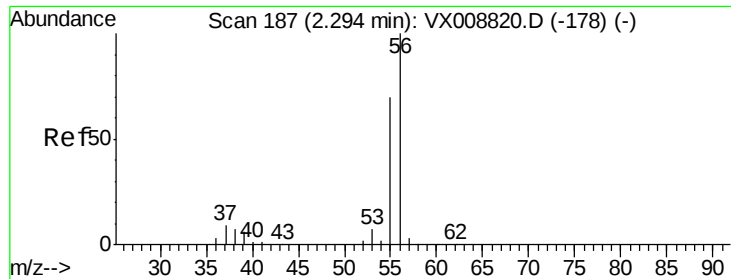


#12

1,1-Dichloroethene
 Concen: 17.992 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	184.0	140.9	211.3
98	98	63.6	52.1	78.1





#13

Acrolein

Concen: 106.616 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion: 56 Resp: 29187

Ion Ratio Lower Upper

56 100

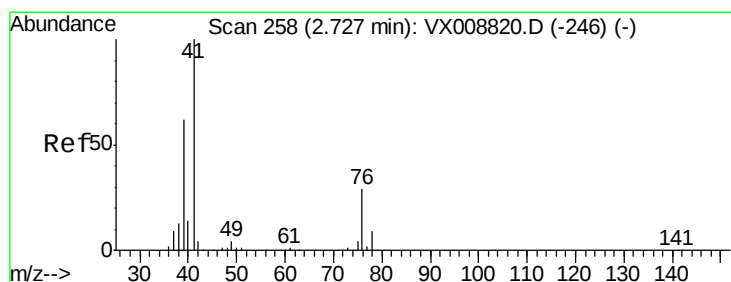
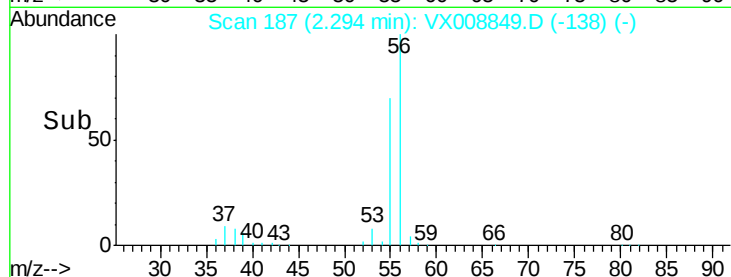
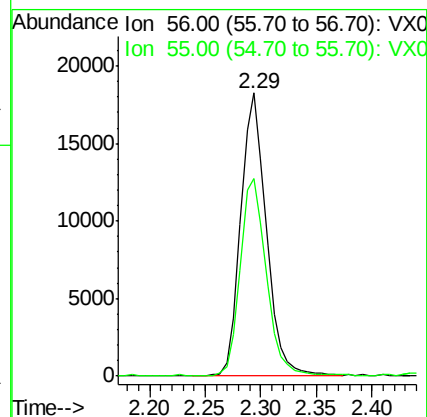
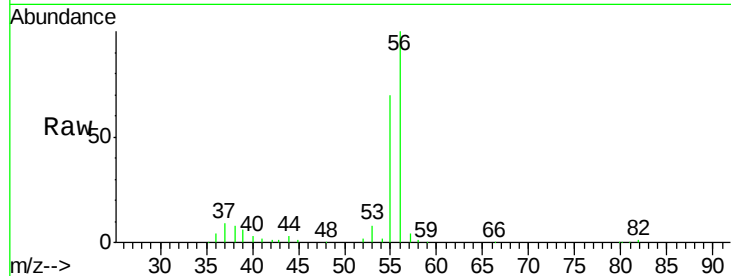
55 70.8 58.0 87.0

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 18.444 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

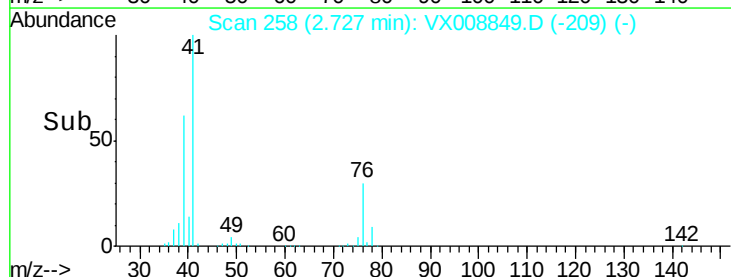
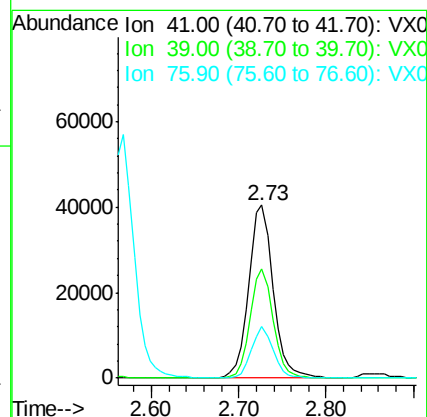
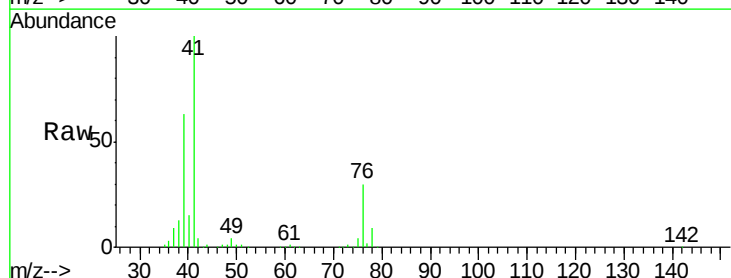
Tgt Ion: 41 Resp: 78924

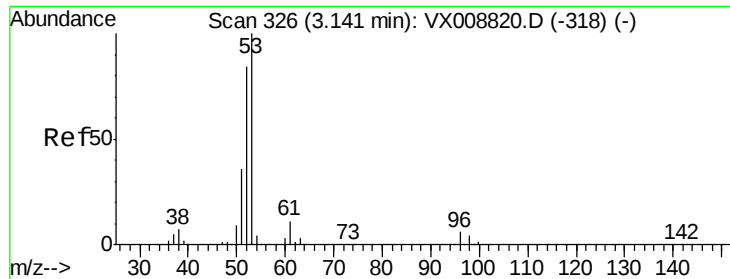
Ion Ratio Lower Upper

41 100

39 59.8 48.0 72.0

76 26.6 22.0 33.0





#15

Acrylonitrile

Concen: 90.857 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

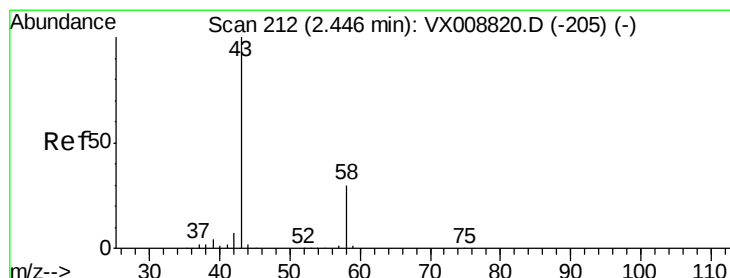
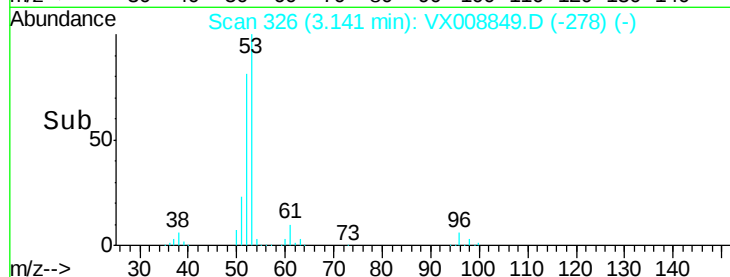
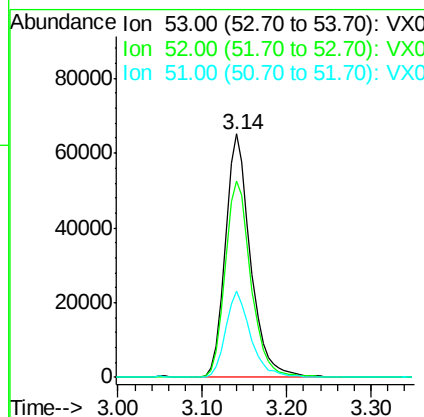
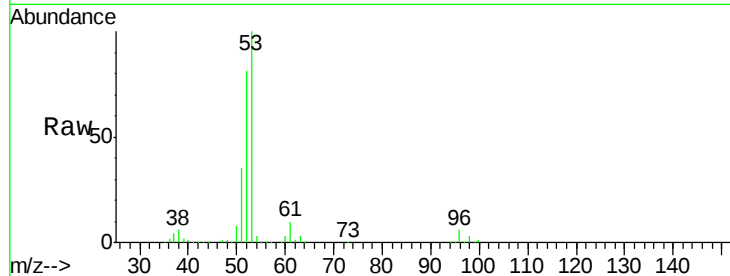
ClientSampleId :

VX0411WBS01

Tot Ion:	53	Resp:	132887
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.5	99.7
51	35.2	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 84.547 ug/l

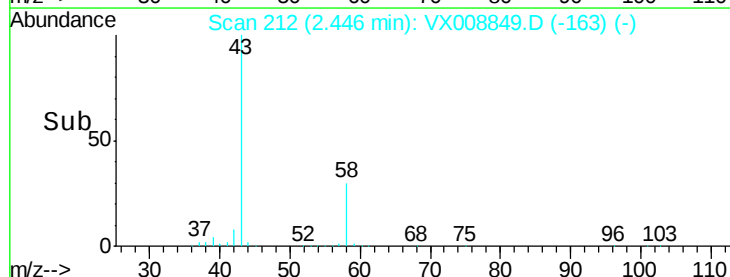
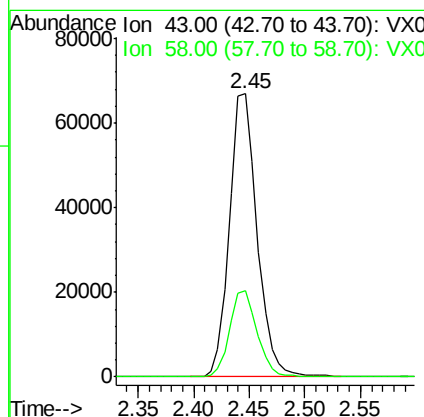
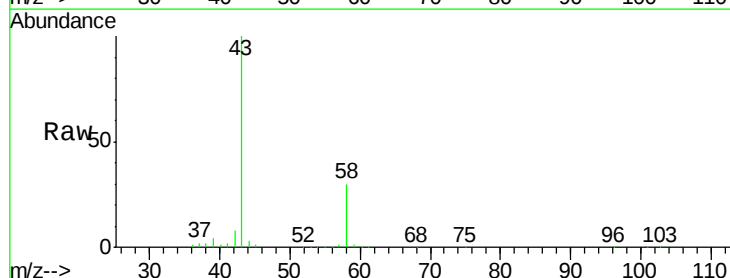
RT: 2.45 min Scan# 212

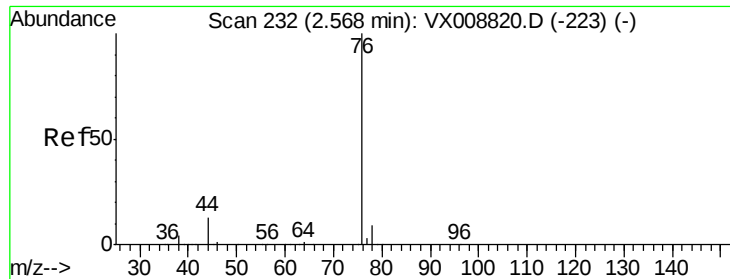
Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Tgt Ion:	43	Resp:	114839
Ion Ratio		Lower	Upper
43	100		
58	30.4	24.8	37.2





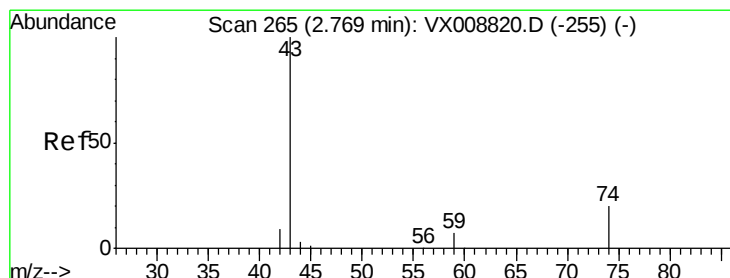
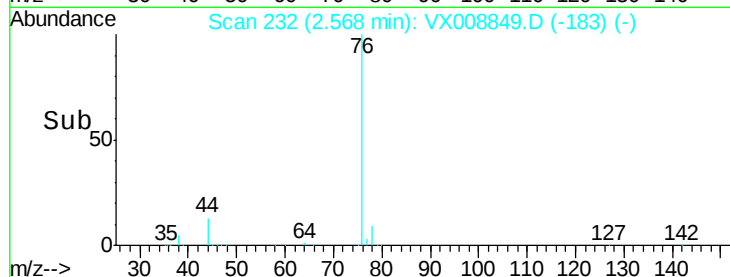
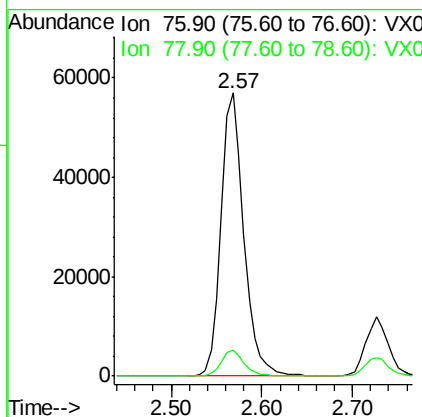
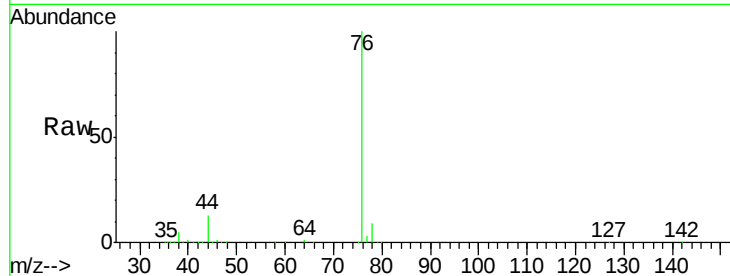
#17
Carbon Disulfide
Concen: 18.052 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

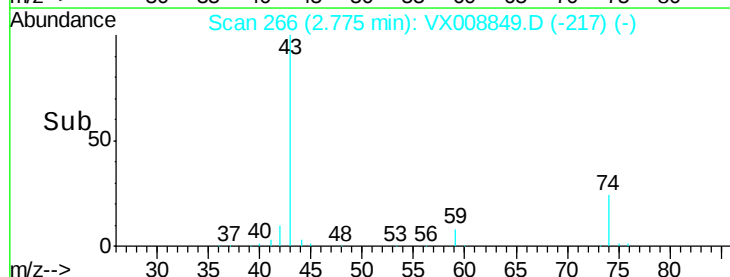
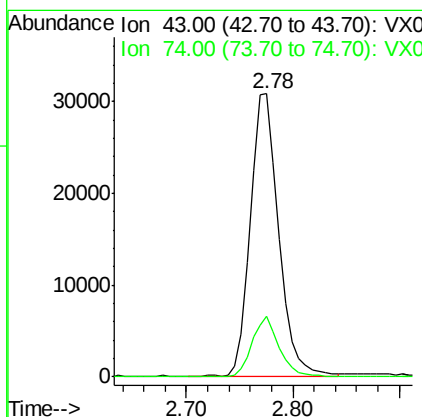
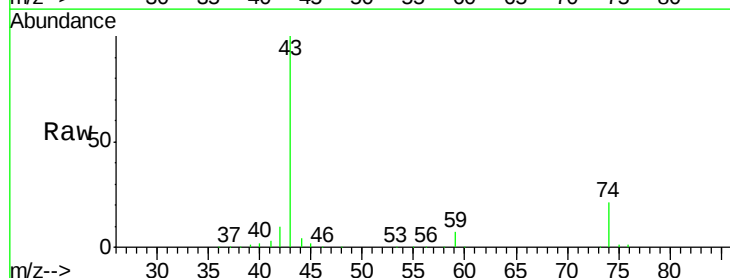
Manual Integrations
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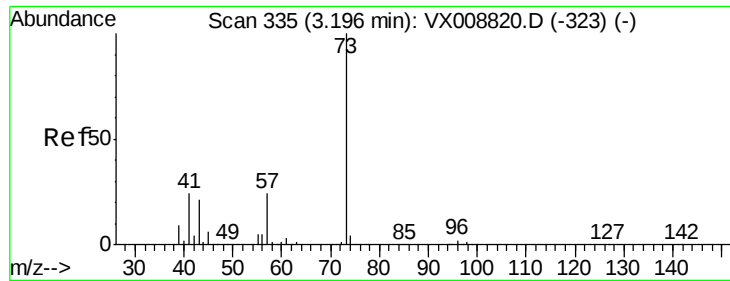
MMDadoda
4/12/2019 9:45:46 AM



#18
Methyl Acetate
Concen: 17.492 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.5	24.7





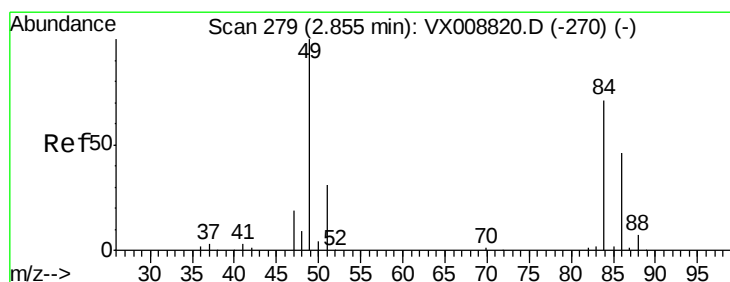
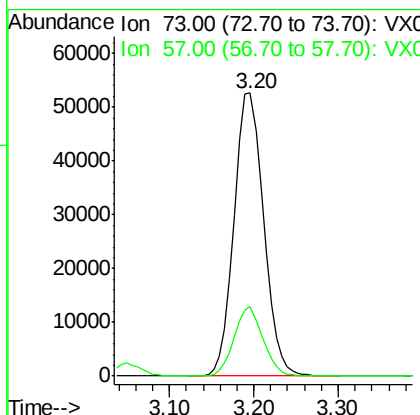
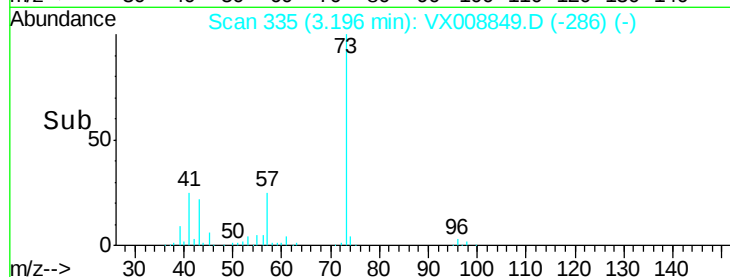
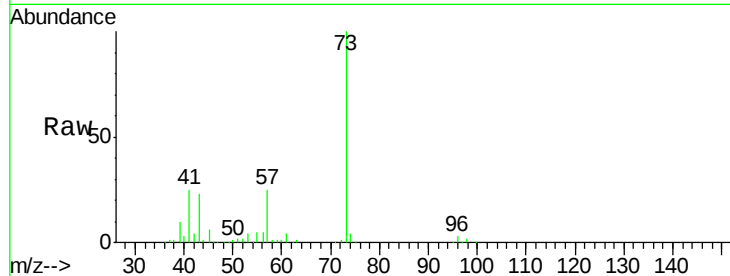
#19
Methyl tert-butyl Ether
Concen: 18.799 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion: 73 Resp: 125492
Ion Ratio Lower Upper
73 100
57 24.4 19.5 29.3

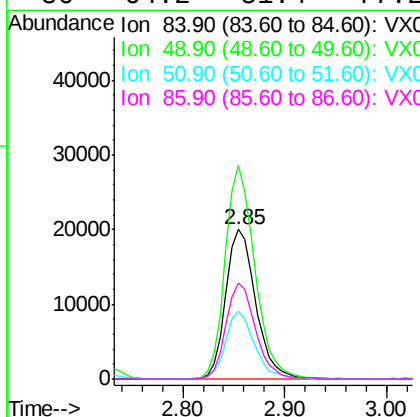
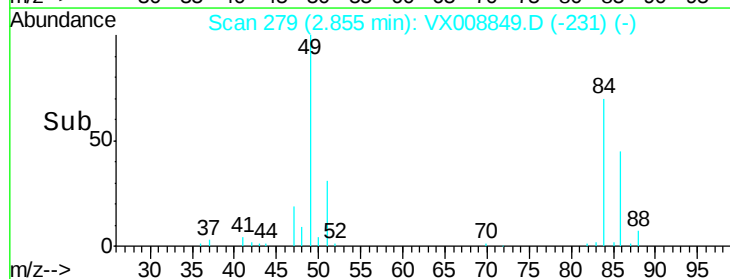
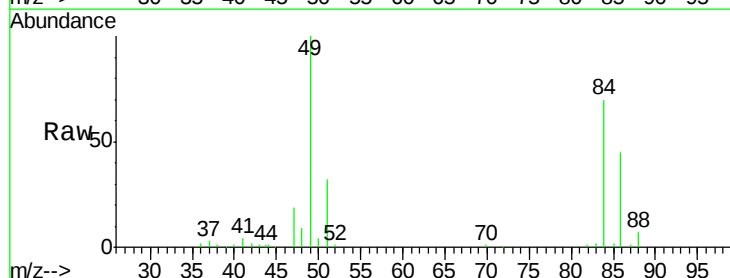
Manual Integrations
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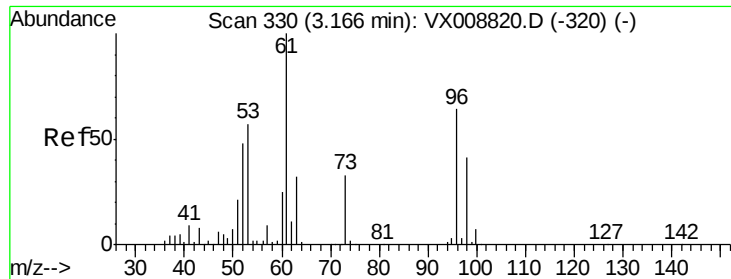
MMDadoda
4/12/2019 9:45:46 AM



#20
Methylene Chloride
Concen: 17.951 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 84 Resp: 40813
Ion Ratio Lower Upper
84 100
49 143.0 109.7 164.5
51 45.2 33.6 50.4
86 64.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.656 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

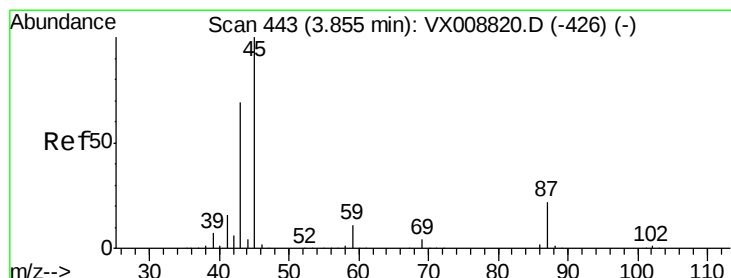
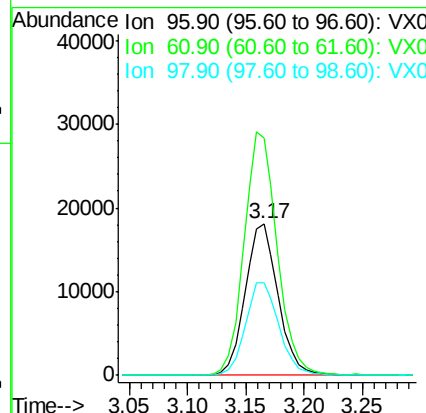
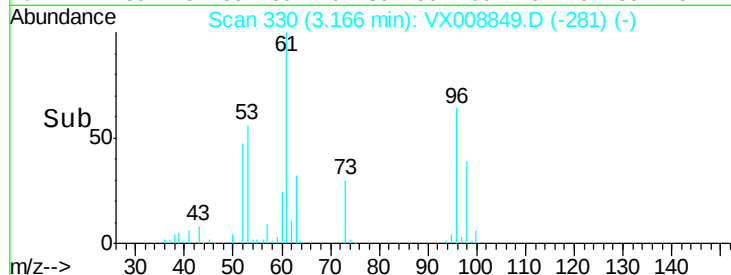
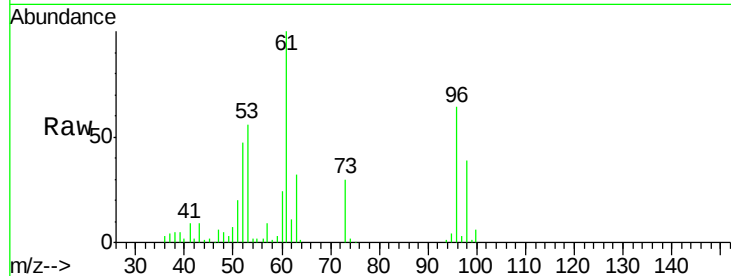
ClientSampleId :

VX0411WBS01

Tot Ion:	96	Resp:	35697
Ion	Ratio	Lower	Upper
96	100		
61	156.3	132.1	198.1
98	60.7	52.2	78.2

Manual Integrations
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4/12/2019 9:45:46 AM



#22

Diisopropyl ether

Concen: 18.595 ug/l

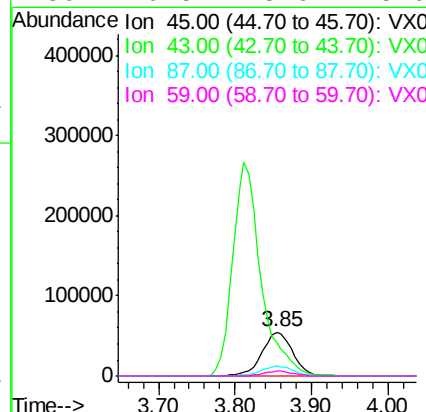
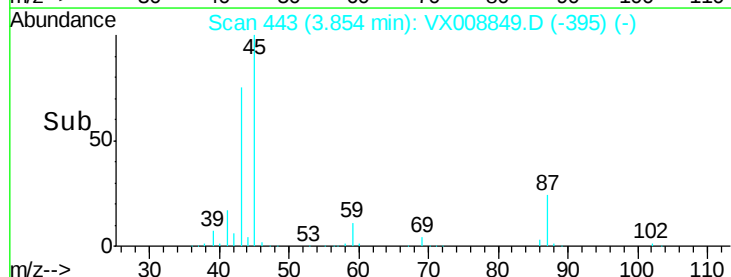
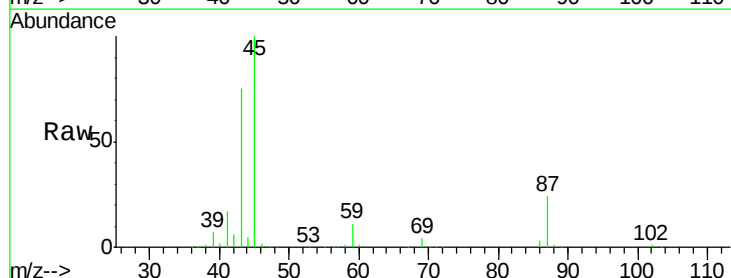
RT: 3.85 min Scan# 443

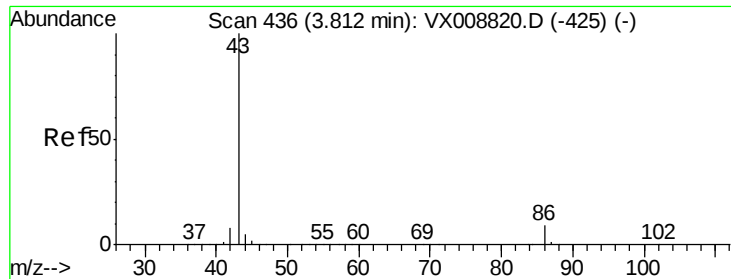
Delta R.T. -0.01 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Tgt Ion:	45	Resp:	153359
Ion	Ratio	Lower	Upper
45	100		
43	74.9	51.3	76.9
87	24.0	18.1	27.1
59	10.5	8.6	13.0





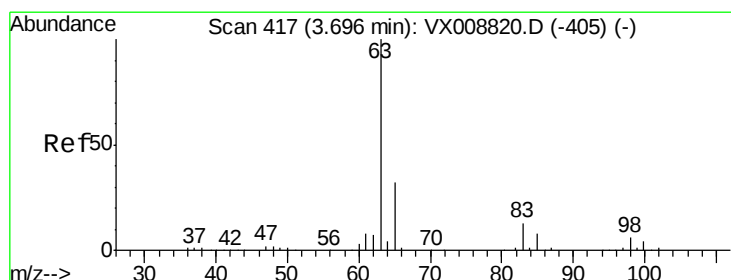
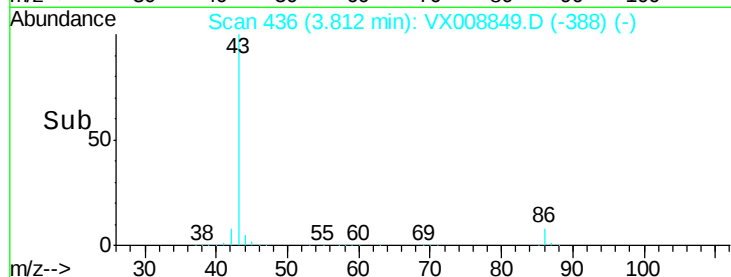
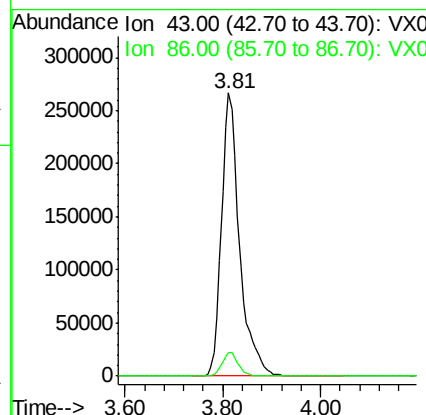
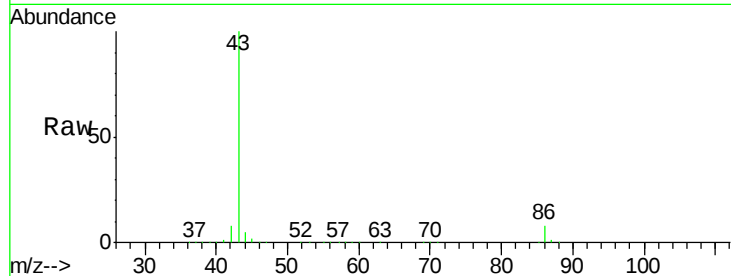
#23
 Vinyl Acetate
 Concen: 95.177 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion	43	Resp	682877
Ion Ratio	100	Lower	Upper
43	100		
86	8.3	7.0	10.6

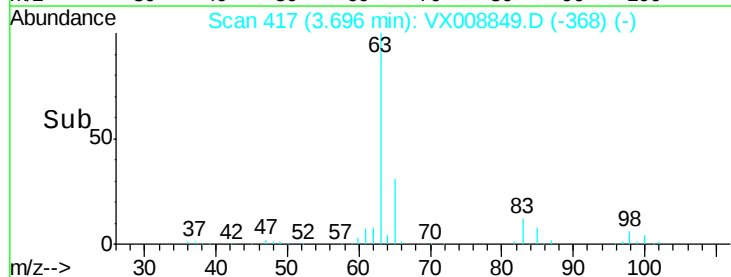
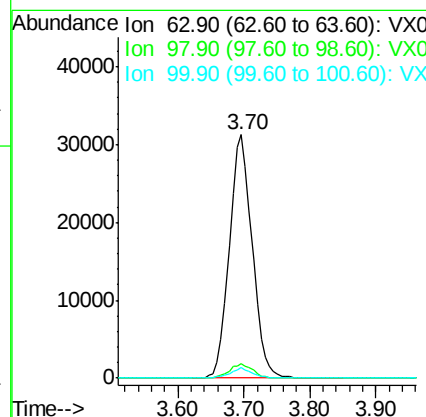
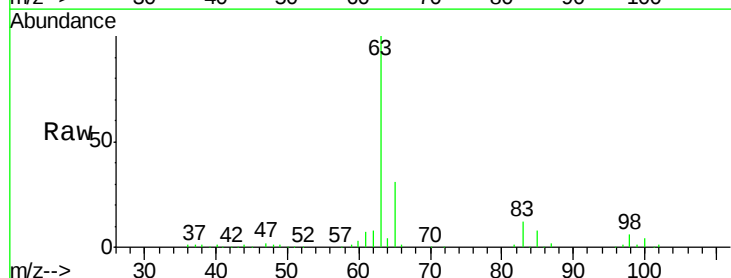
Manual Integrations
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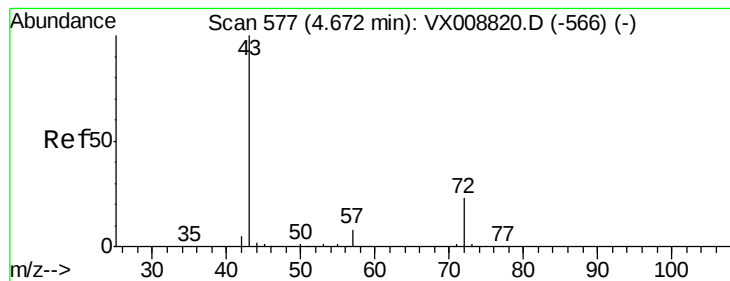
MMDadoda
 4/12/2019 9:45:46 AM



#24
 1,1-Dichloroethane
 Concen: 18.365 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion	63	Resp	74994
Ion Ratio	100	Lower	Upper
63	100		
98	5.9	2.8	8.4
100	4.2	1.8	5.5





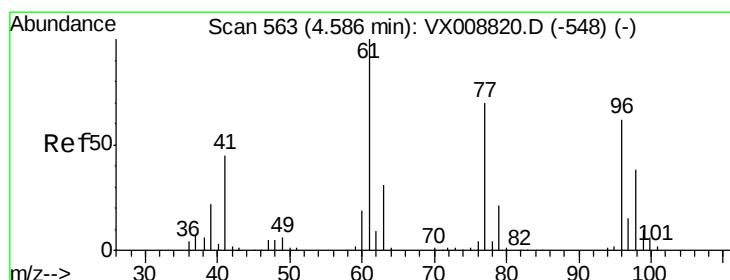
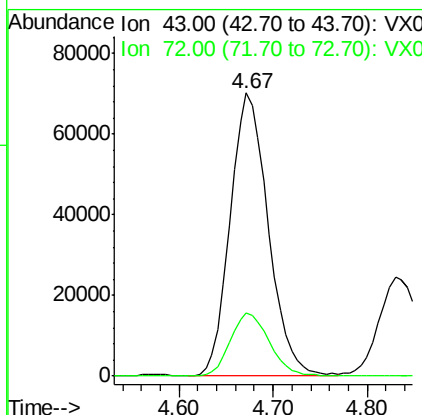
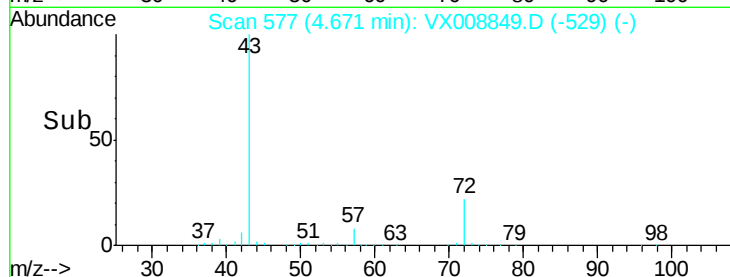
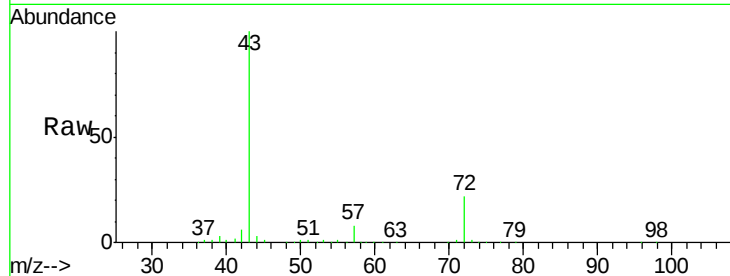
#25
2-Butanone
Concen: 91.811 ug/l
RT: 4.67 min Scan# 577
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion: 43 Resp: 197100
Ion Ratio Lower Upper
43 100
72 22.3 18.2 27.4

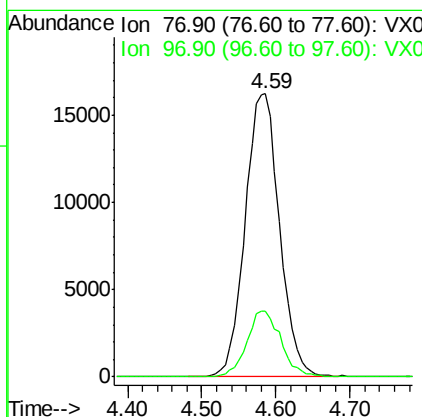
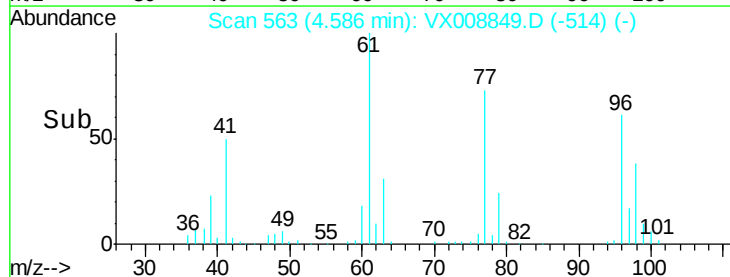
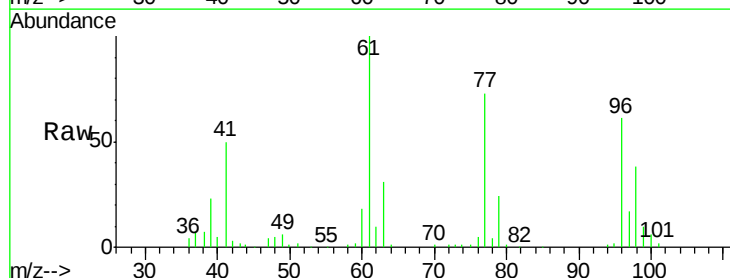
Manual Integrations
APPROVED

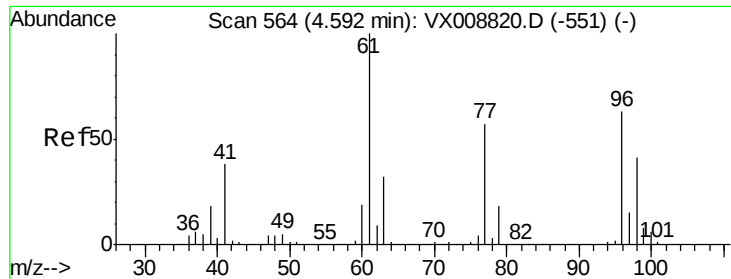
MMDadoda
4/12/2019 9:45:46 AM



#26
2,2-Dichloropropane
Concen: 18.225 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 77 Resp: 52416
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5





#27

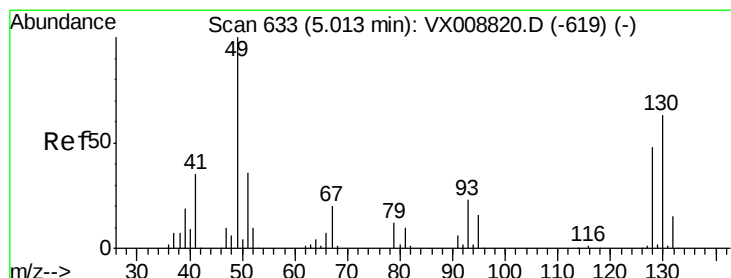
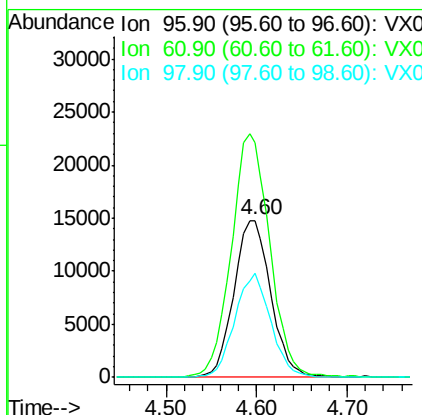
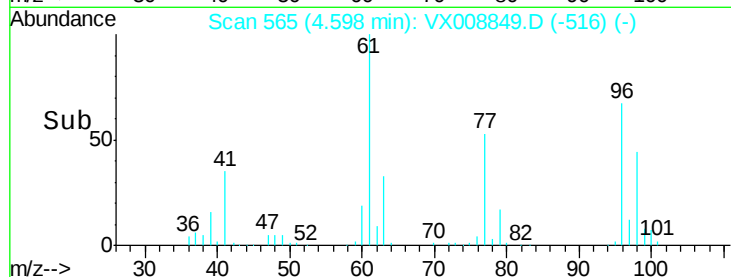
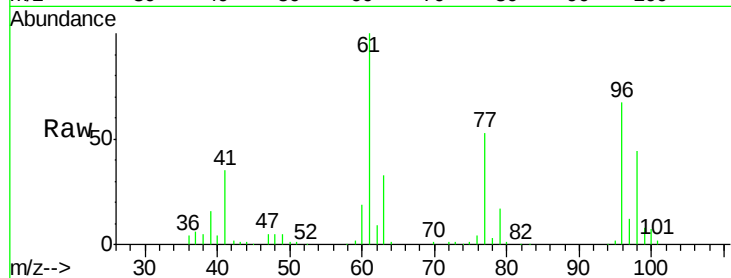
cis-1,2-Dichloroethene
Concen: 17.935 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.2	0.0	327.6
98	64.7	0.0	128.6

Manual Integrations
APPROVED

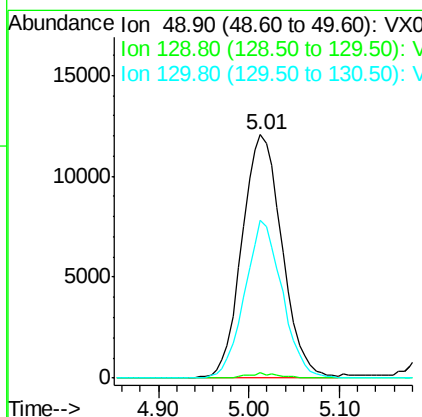
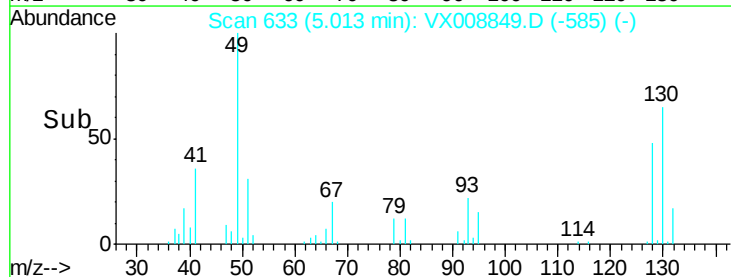
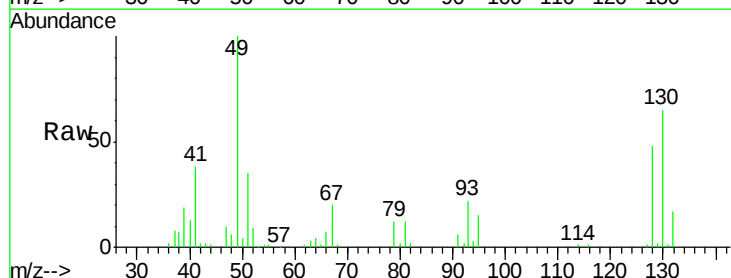
MMDadoda
4/12/2019 9:45:46 AM

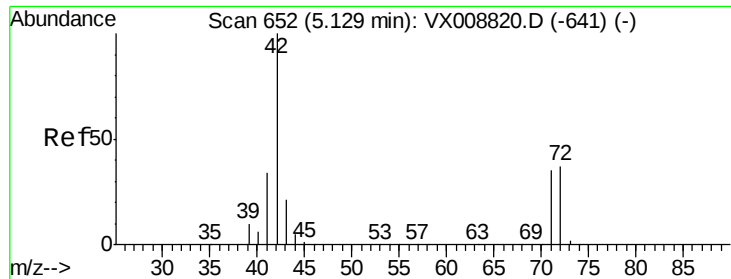


#28

Bromochloromethane
Concen: 19.794 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	60.3	49.3	73.9





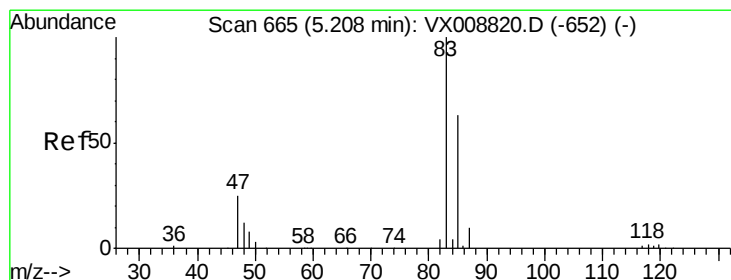
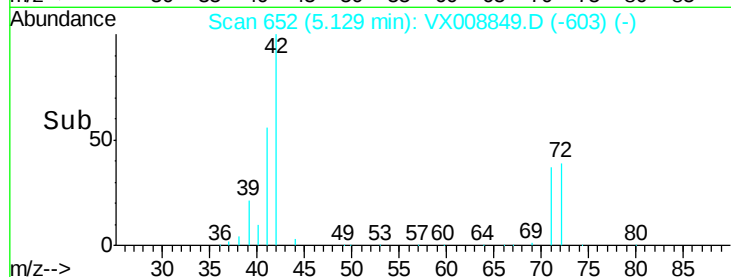
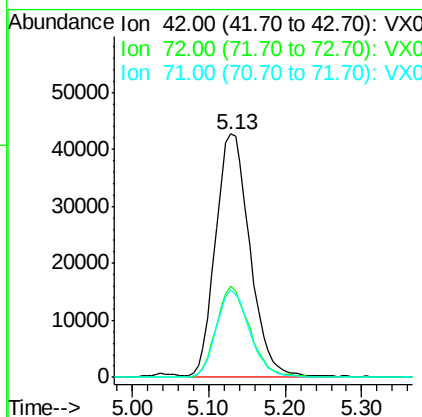
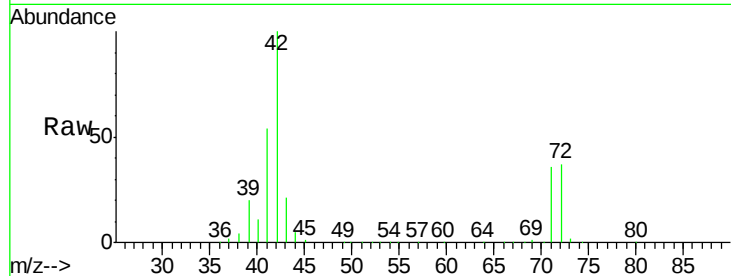
#29
Tetrahydrofuran
Concen: 92.847 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.9	30.5	45.7
71	35.1	28.6	43.0

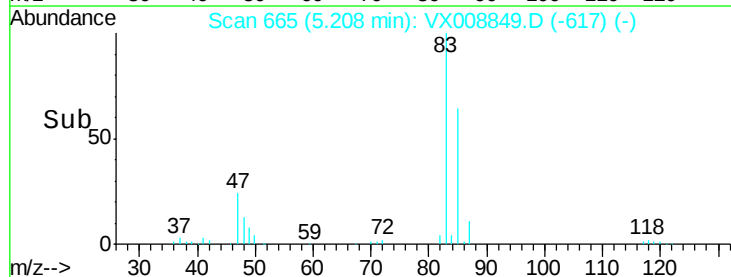
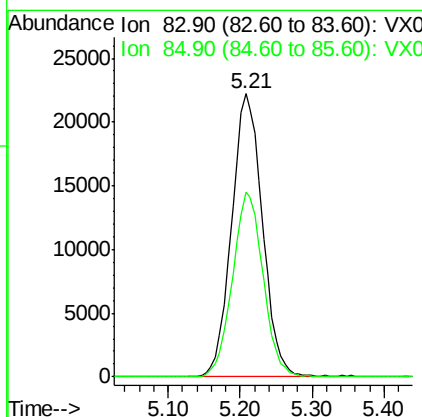
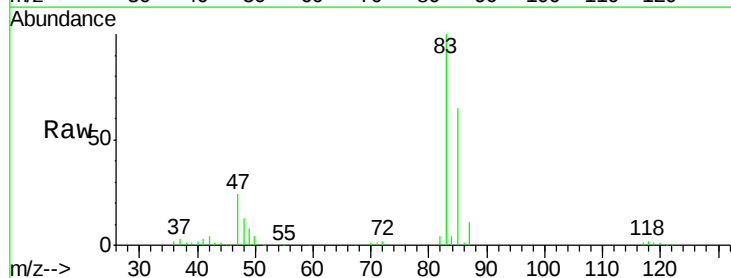
Manual Integrations
APPROVED

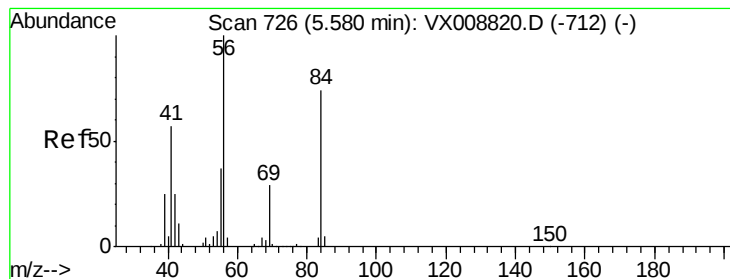
MMDadoda
4/12/2019 9:45:46 AM



#30
Chloroform
Concen: 18.110 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.1	78.1





#31

Cyclohexane

Concen: 18.281 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

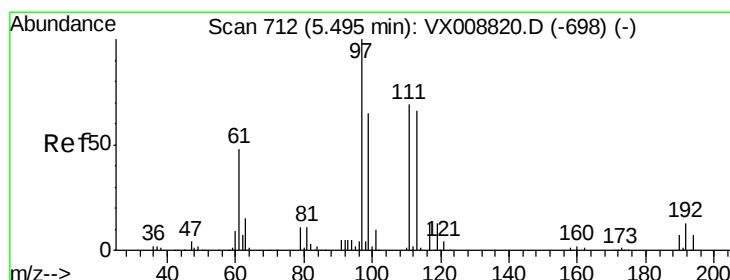
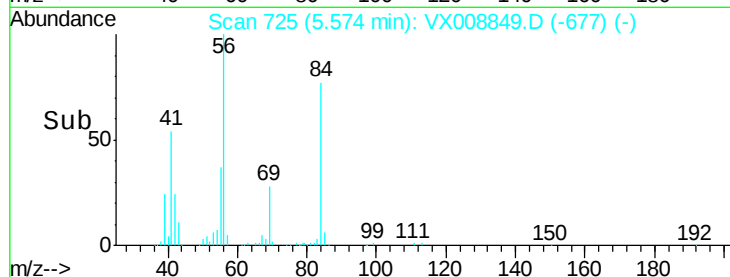
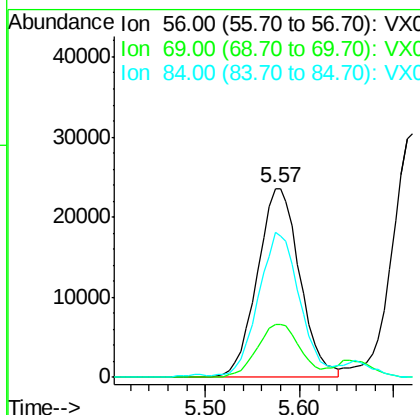
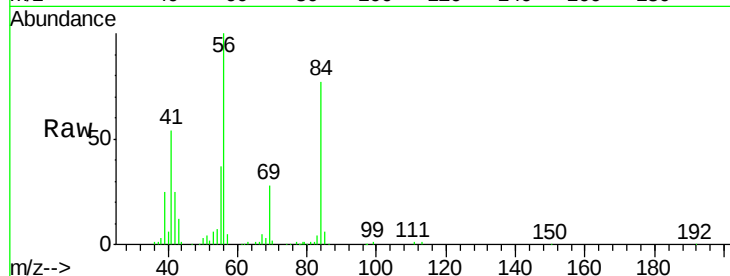
ClientSampleId :

VX0411WBS01

Tot Ion:	56	Resp:	74488
Ion	Ratio	Lower	Upper
56	100		
69	28.0	22.6	33.8
84	75.4	59.3	88.9

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 18.844 ug/l

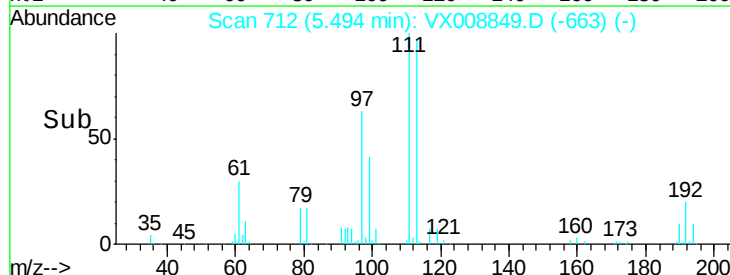
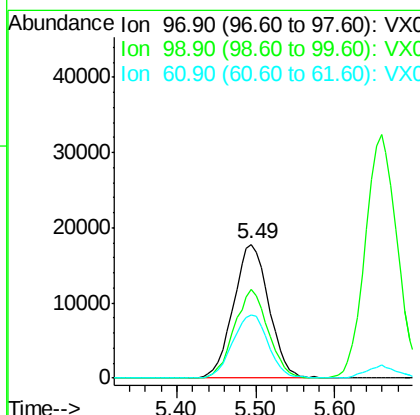
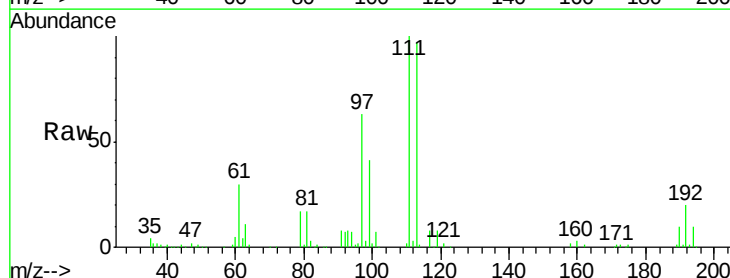
RT: 5.49 min Scan# 712

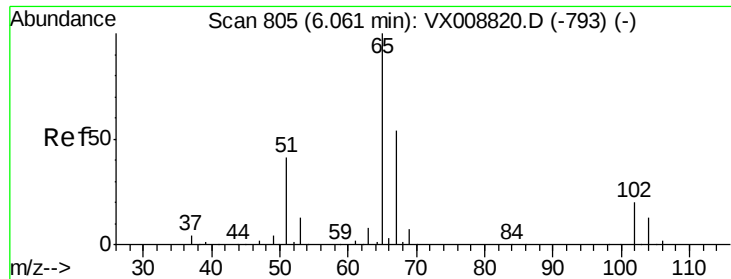
Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Tgt Ion:	97	Resp:	55540
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	47.7	38.9	58.3





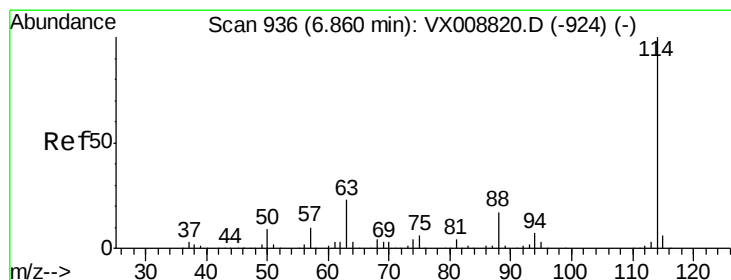
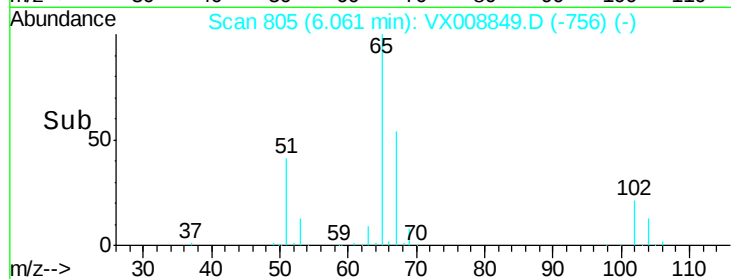
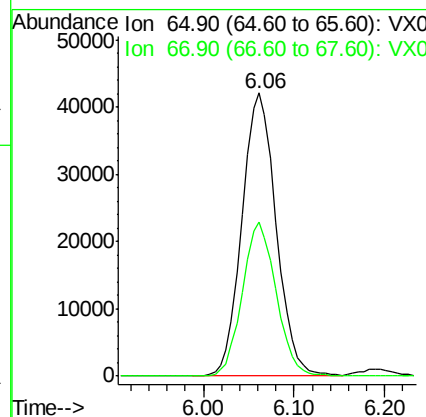
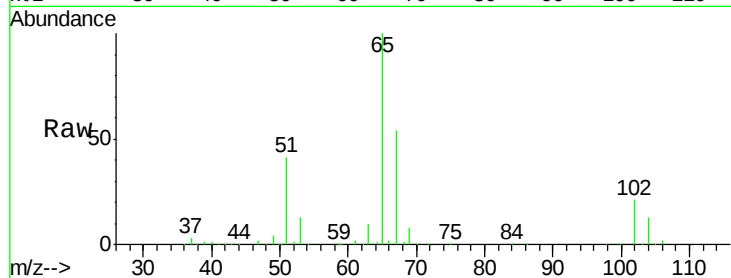
#33
 1,2-Dichloroethane-d4
 Concen: 46.726 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	110191		
67	53.6	0.0	107.2	

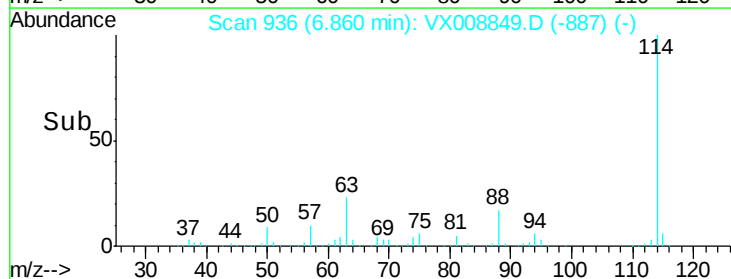
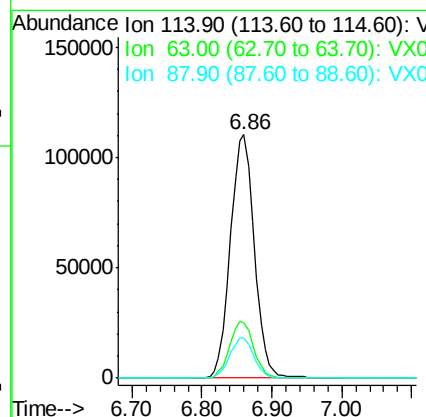
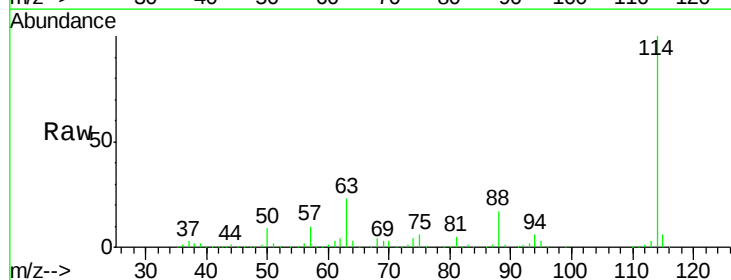
Manual Integrations
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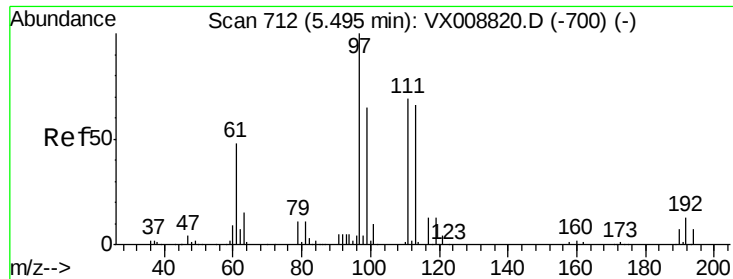
MMDadoda
 4/12/2019 9:45:46 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	263619		
63	22.7	0.0	47.2	
88	16.5	0.0	34.0	





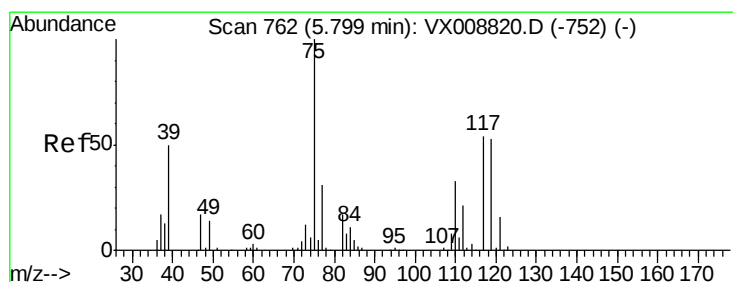
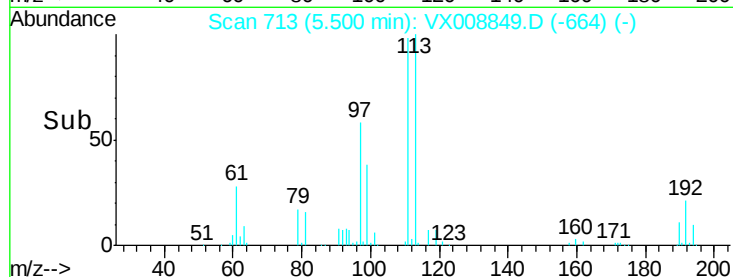
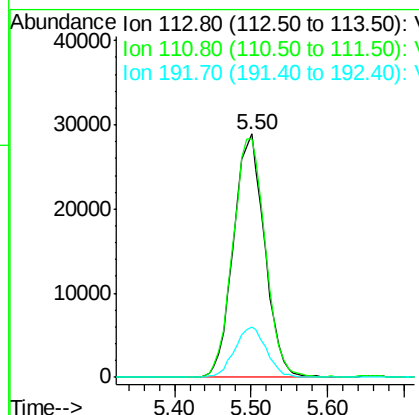
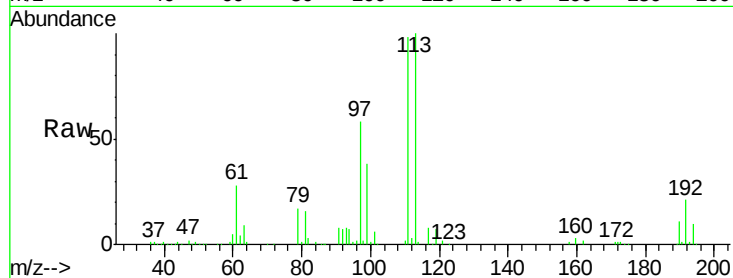
#35
Dibromofluoromethane
Concen: 48.431 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.2
192	21.2	16.1	24.1

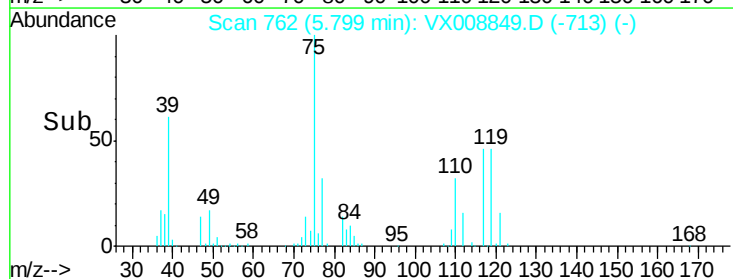
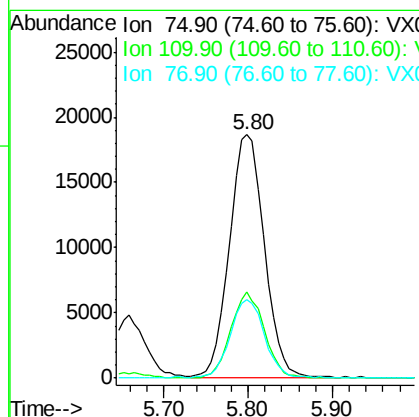
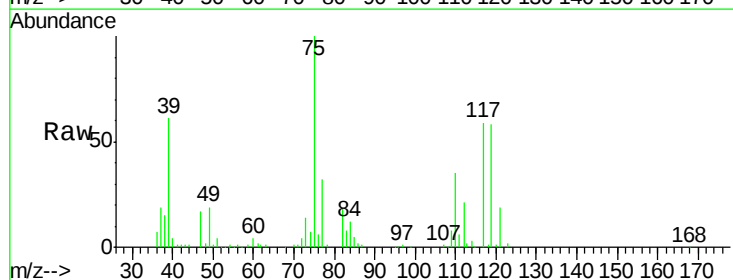
Manual Integrations
APPROVED

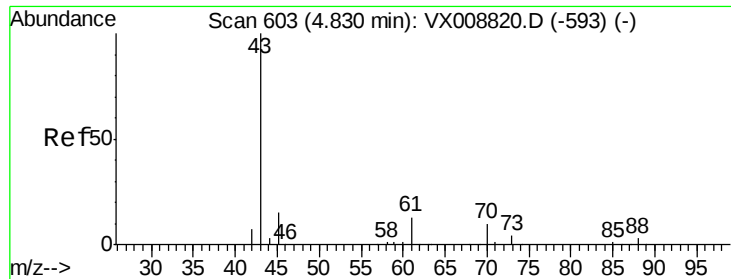
MMDadoda
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#36
1,1-Dichloropropene
Concen: 18.168 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.4	49.2
77	32.1	24.7	37.1





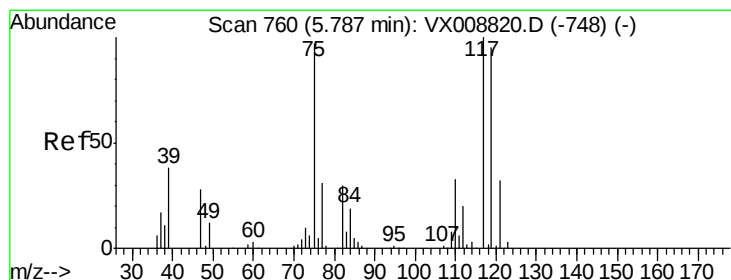
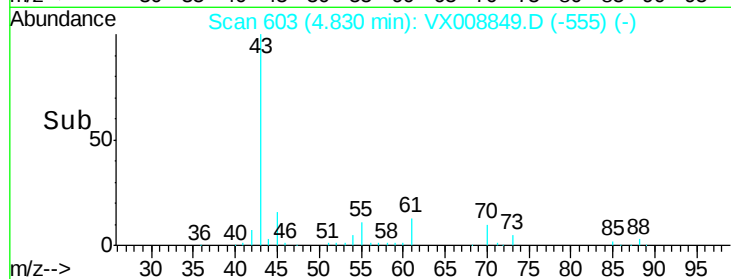
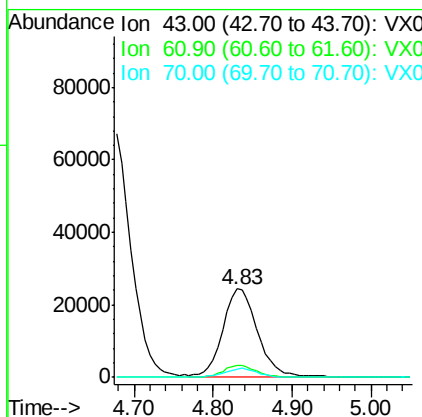
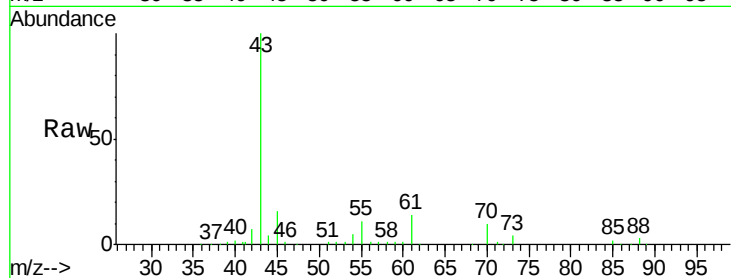
#37
Ethyl Acetate
Concen: 19.053 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.3	15.5
70	9.7	7.6	11.4

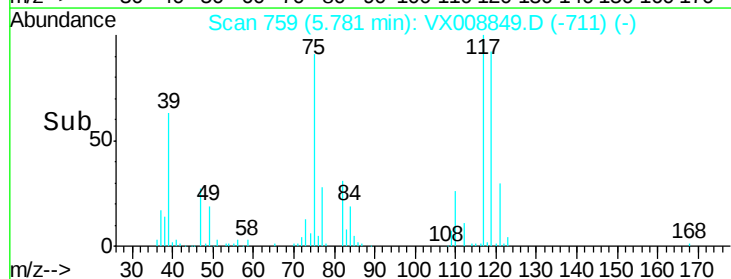
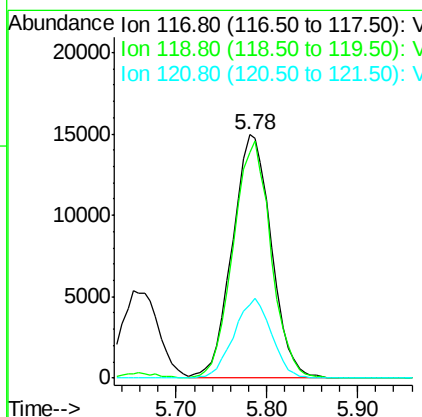
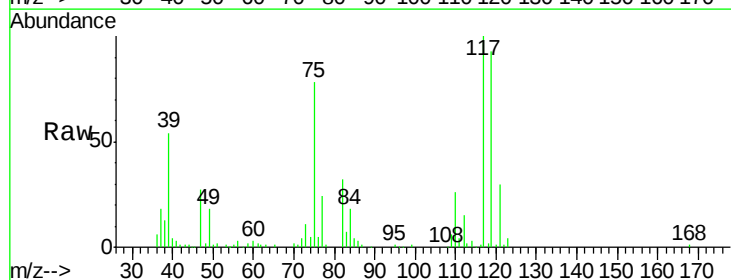
Manual Integrations
APPROVED

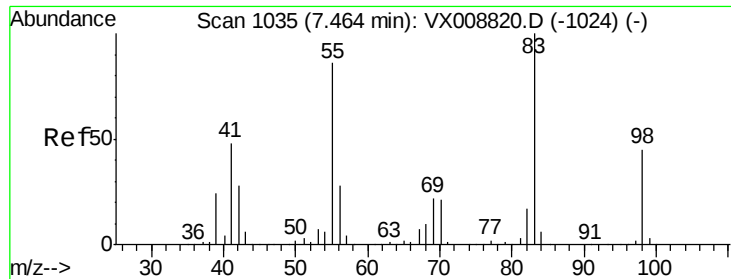
MMDadoda
4/12/2019 9:45:46 AM



#38
Carbon Tetrachloride
Concen: 18.646 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.0	112.6
121	30.4	24.3	36.5





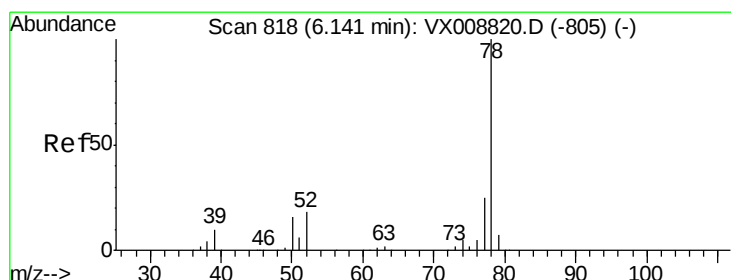
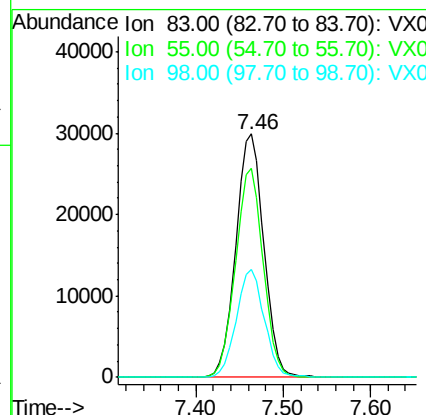
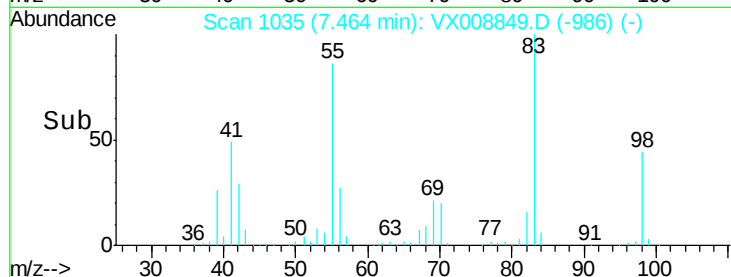
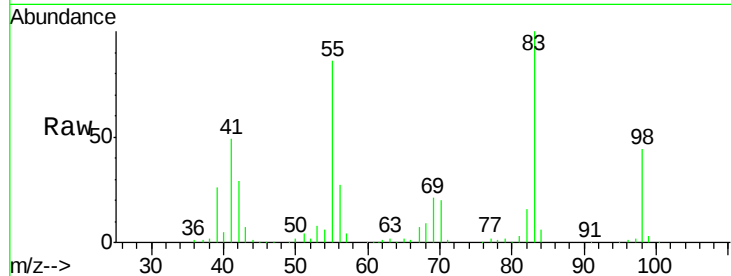
#39
Methvlcvclohexane
Concen: 18.702 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.7	69.0	103.6
98	44.2	34.4	51.6

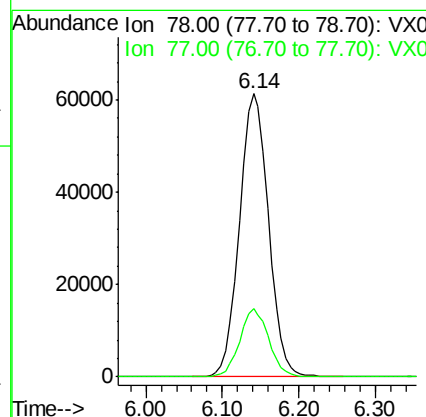
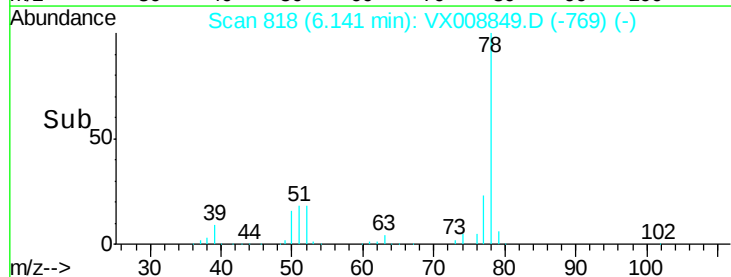
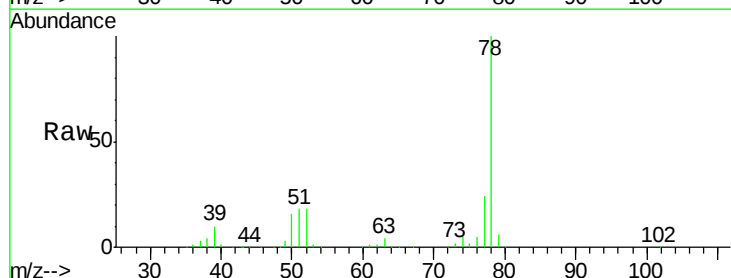
Manual Integrations
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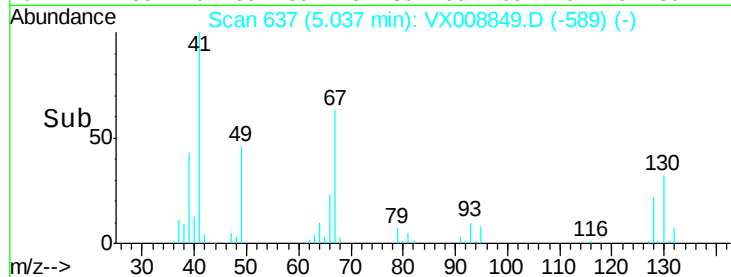
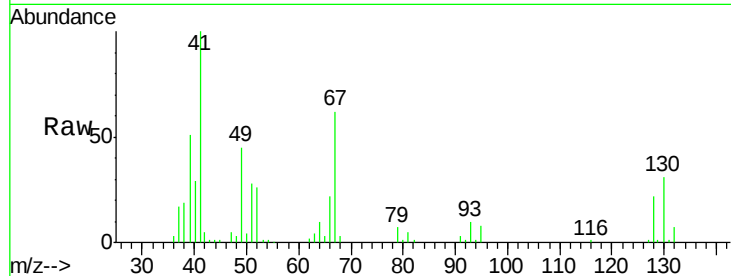
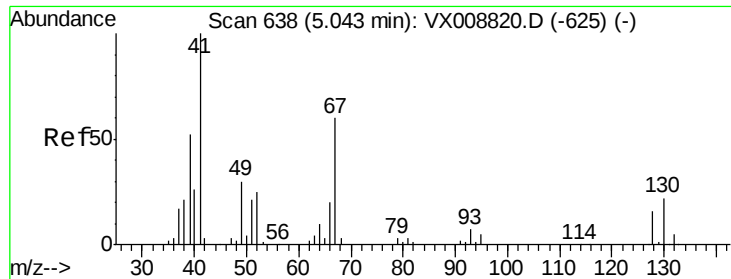
MMDadoda
4/12/2019 9:45:46 AM



#40
Benzene
Concen: 18.869 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





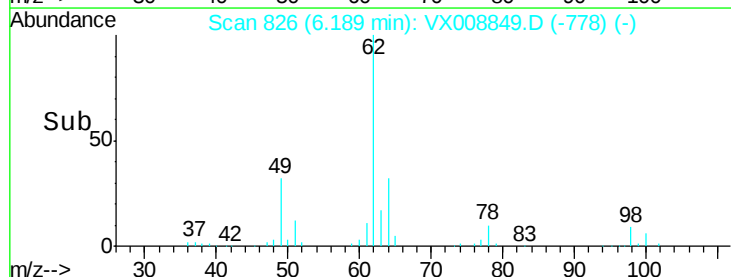
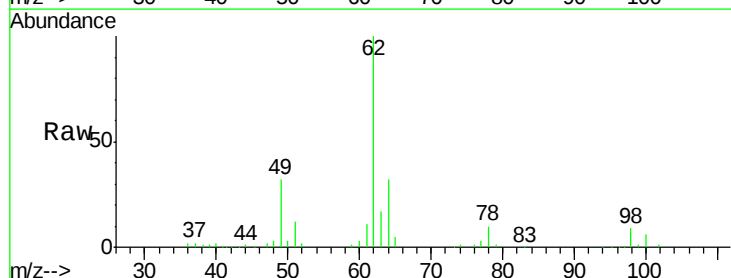
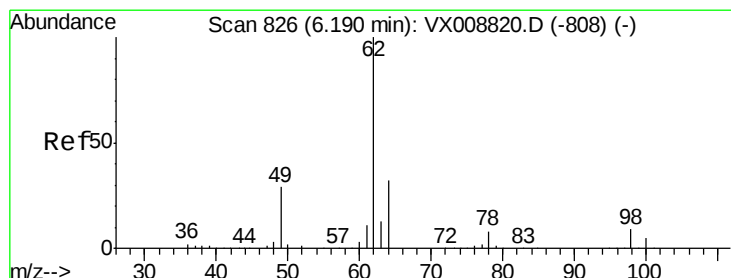
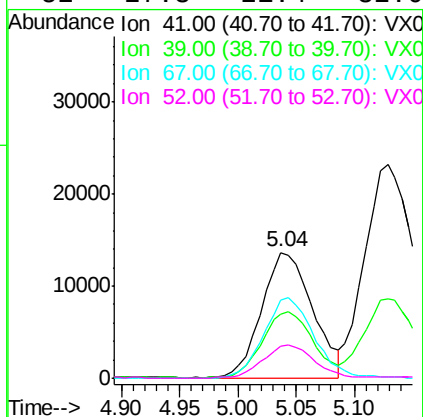
#41
Methacrylonitrile
Concen: 18.538 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		40985		
39	54.0	42.1	63.1		
67	64.2	51.0	76.6		
52	27.3	21.4	32.0		

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

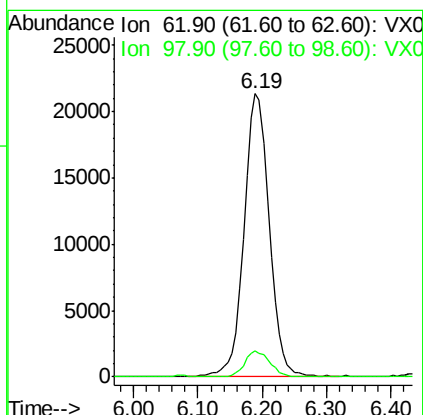
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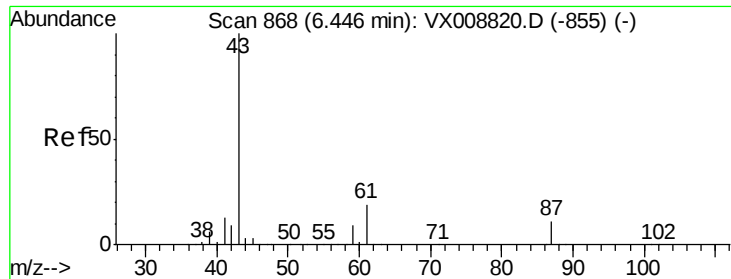
MMDadoda
4/12/2019 9:45:46 AM



#42
1,2-Dichloroethane
Concen: 18.582 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		57187		
98	9.2	0.0	18.0		





#43

Isopropyl Acetate

Concen: 19.141 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

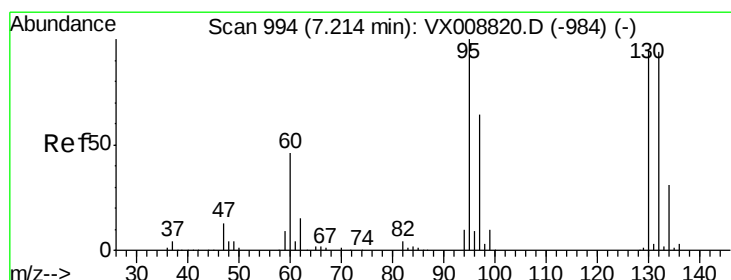
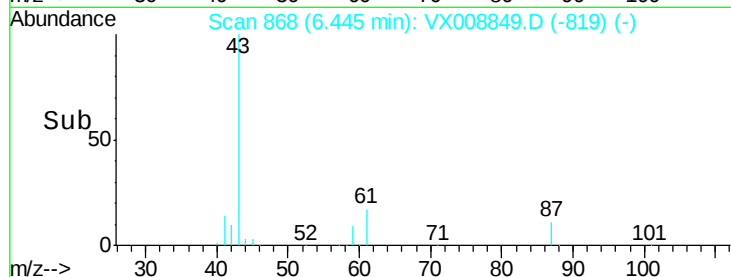
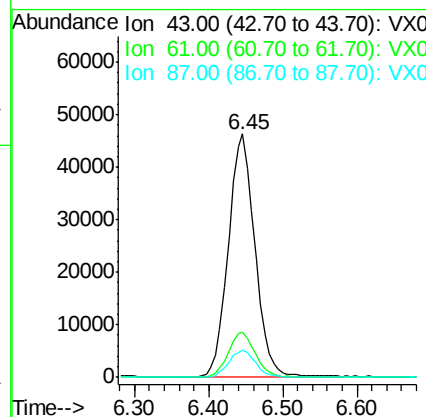
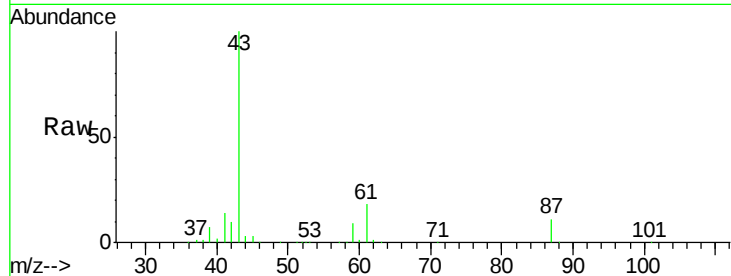
ClientSampleId :

VX0411WBS01

Tot Ion:	43	Resp:	115332
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.3	22.9
87	11.2	9.0	13.6

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#44

Trichloroethene

Concen: 18.857 ug/l

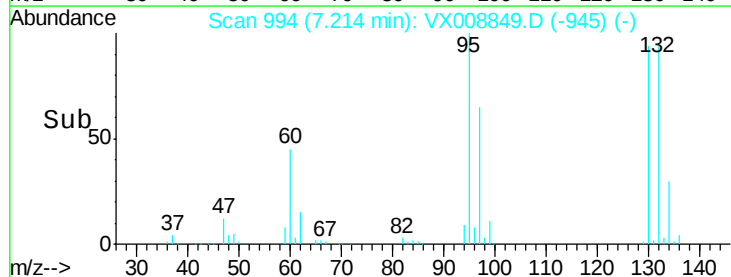
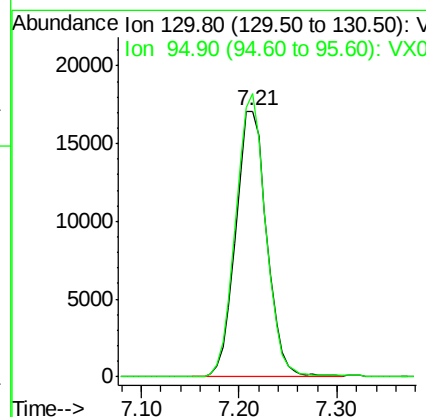
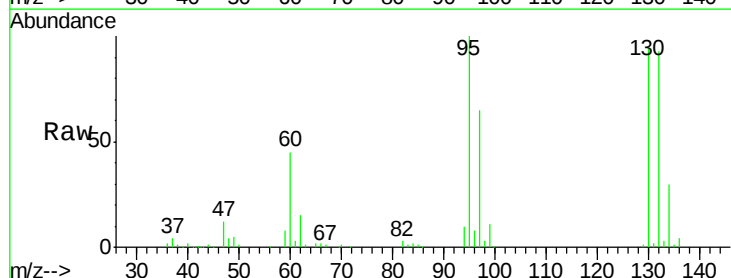
RT: 7.21 min Scan# 994

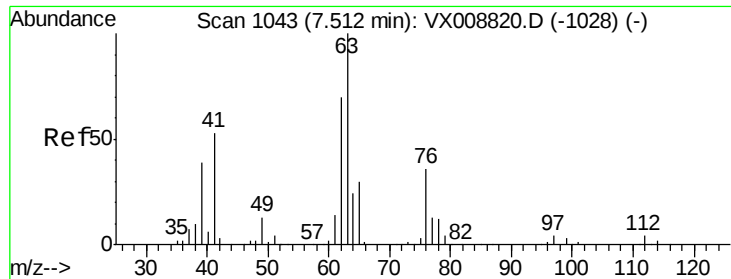
Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Tgt Ion:	130	Resp:	37704
Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	209.8





#45

1,2-Dichloropropane

Concen: 18.569 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion: 63 Resp: 45500

Ion Ratio Lower Upper

63 100

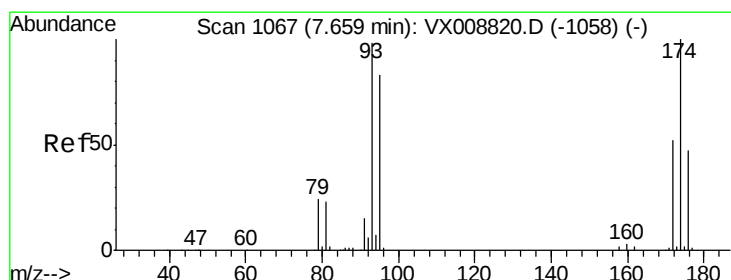
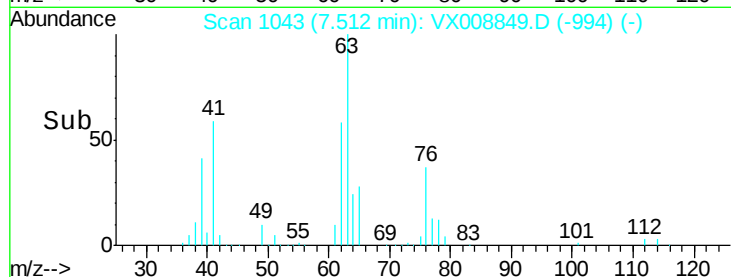
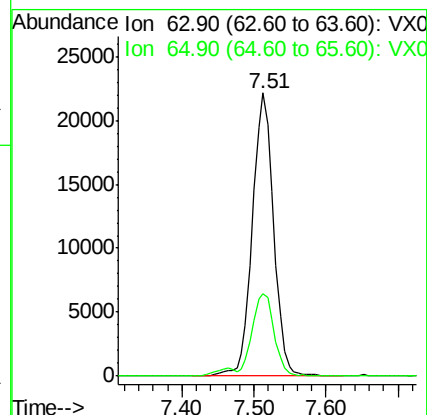
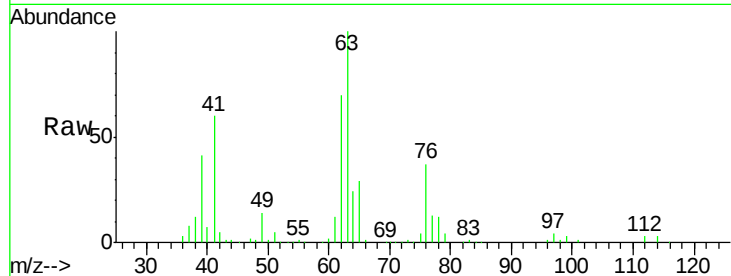
65 29.2 24.2 36.4

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#46

Dibromomethane

Concen: 18.169 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

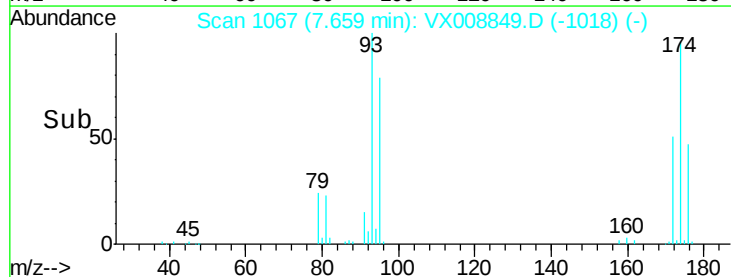
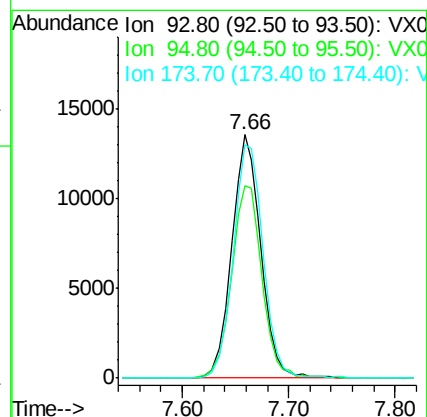
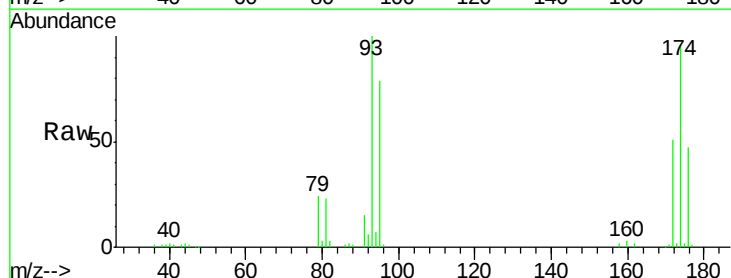
Tgt Ion: 93 Resp: 25821

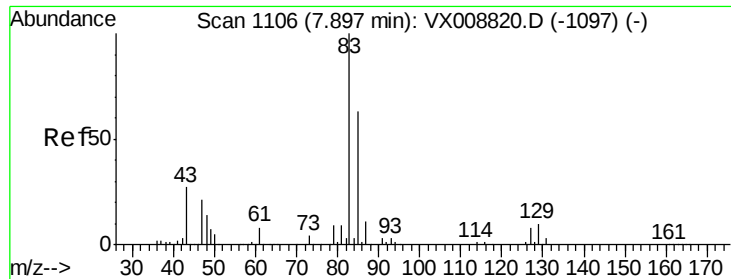
Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

174 99.3 77.7 116.5





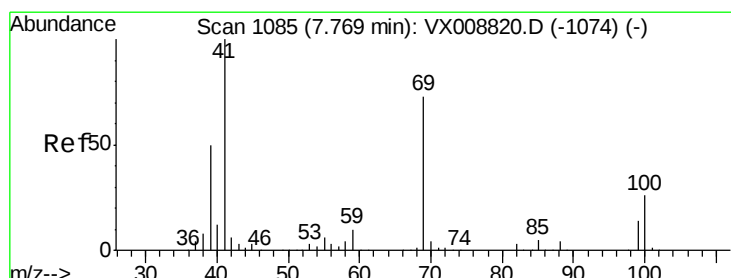
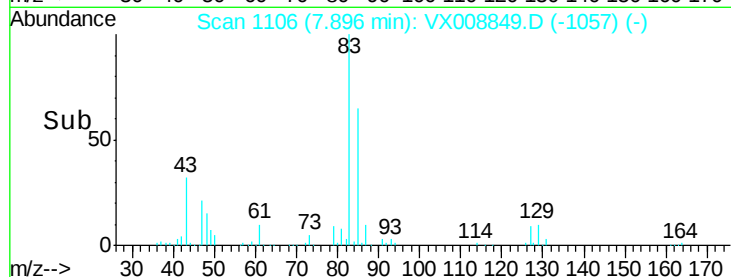
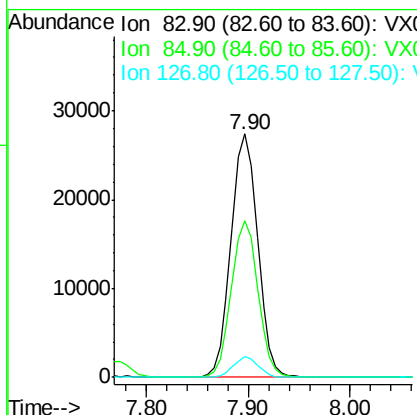
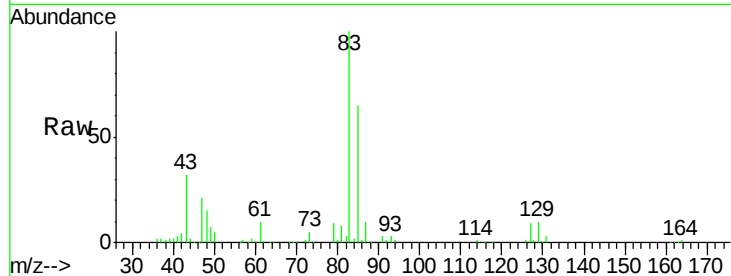
#47
Bromodichloromethane
Concen: 18.488 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	83	Resp	49538
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	51.2	76.8
127	8.5	6.6	10.0

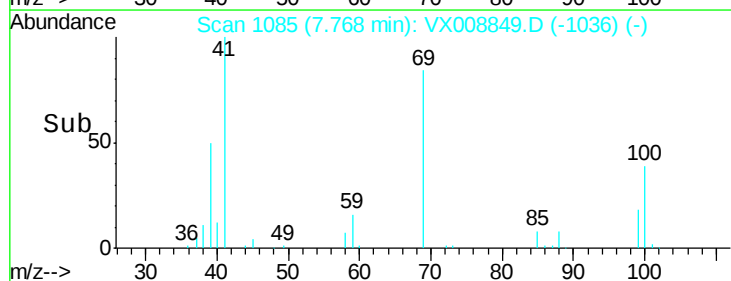
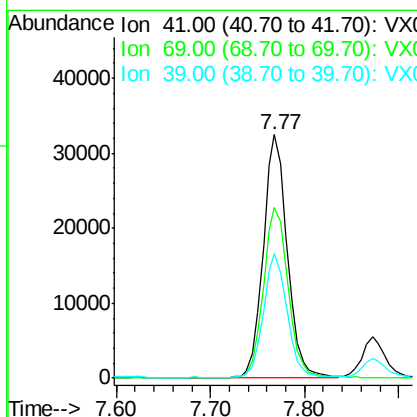
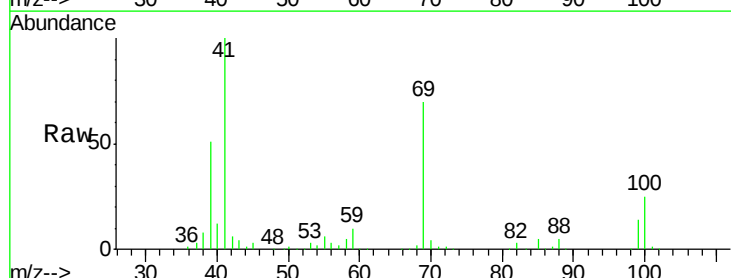
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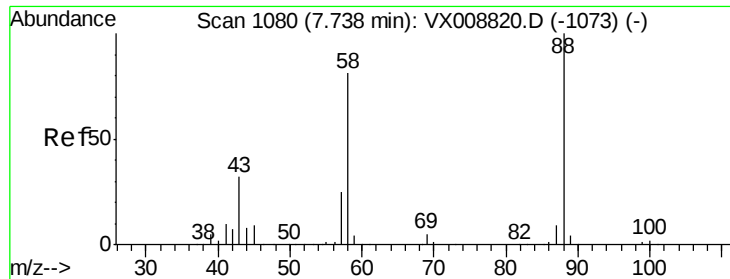
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#48
Methyl methacrylate
Concen: 19.299 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	41	Resp	58821
Ion Ratio	100	Lower	Upper
41	100		
69	71.5	59.0	88.4
39	49.8	41.0	61.4





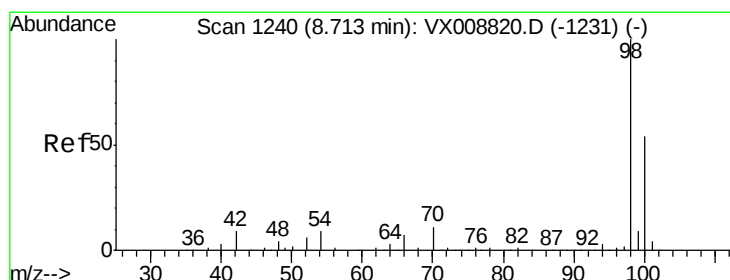
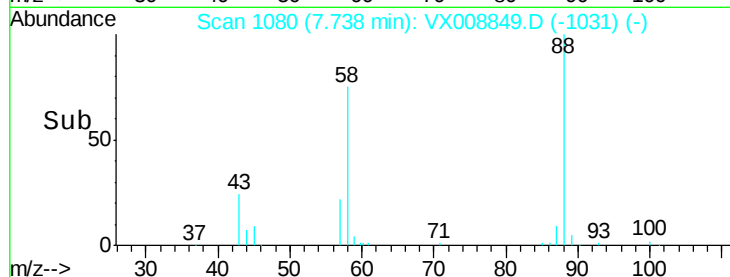
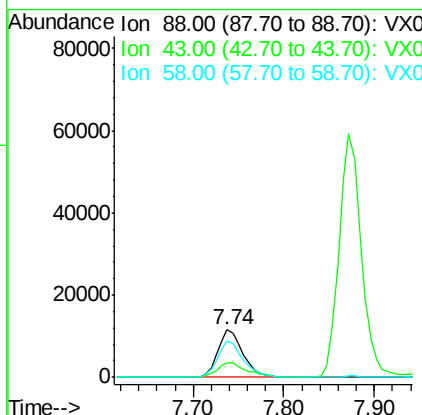
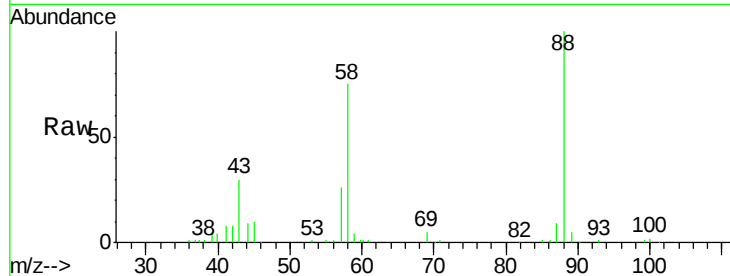
#49
1,4-Dioxane
Concen: 394.703 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	28.6	43.0
58	78.0	62.2	93.2

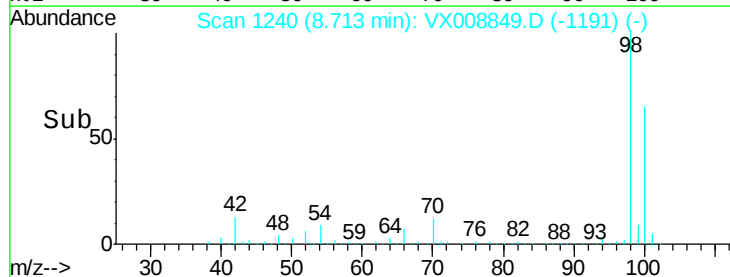
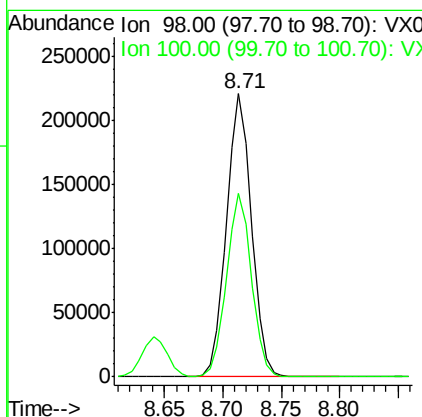
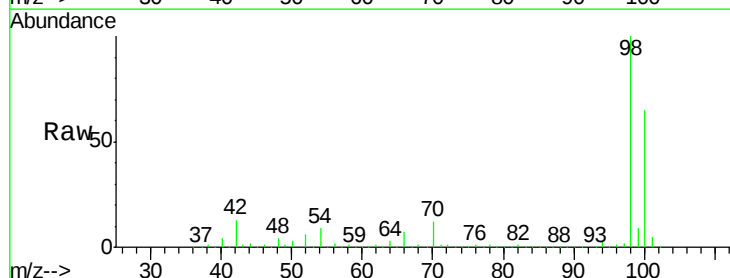
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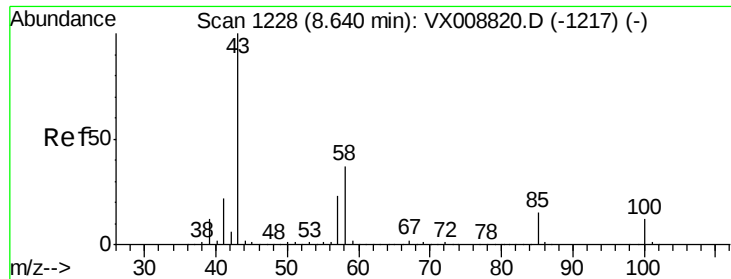
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4/12/2019 9:45:46 AM



#50
Toluene-d8
Concen: 49.165 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 99.572 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion: 43 Resp: 386213

Ion Ratio Lower Upper

43 100

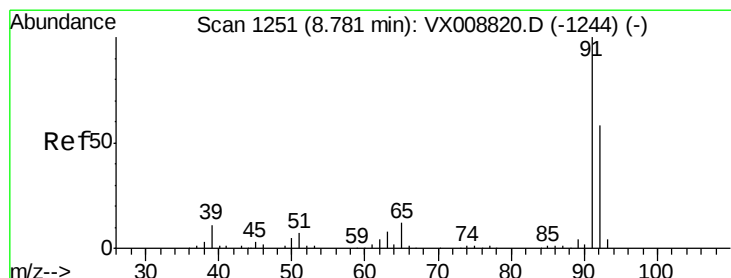
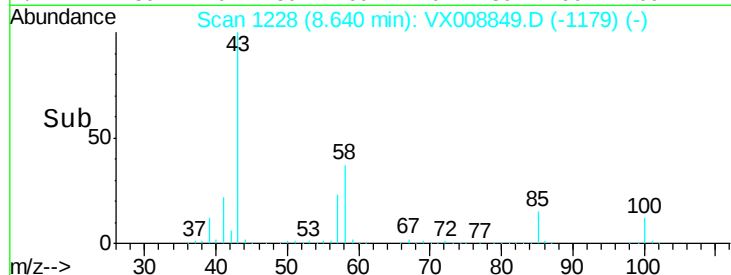
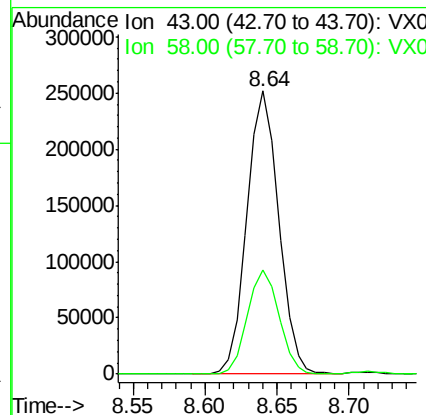
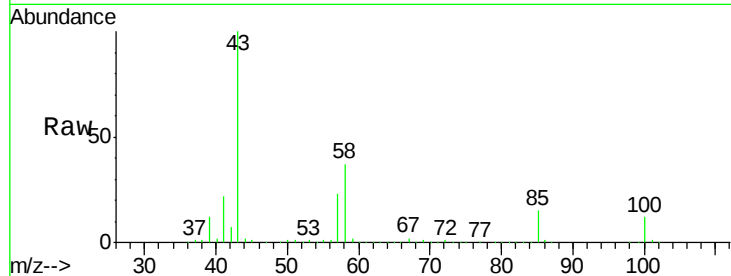
58 36.7 29.5 44.3

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#52

Toluene

Concen: 19.359 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008849.D

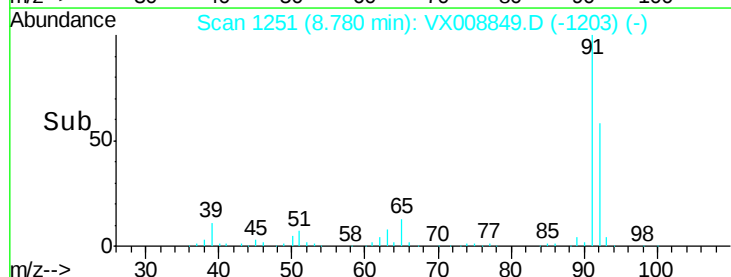
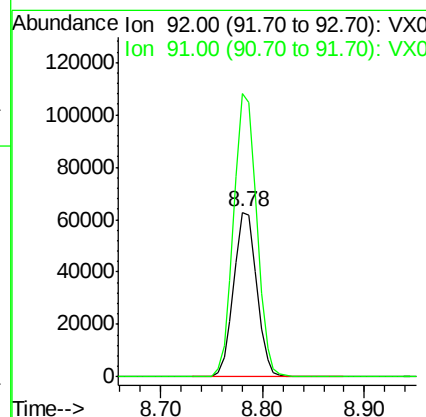
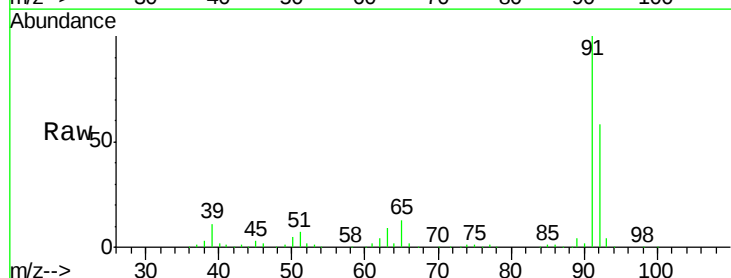
Acq: 11 Apr 2019 14:11

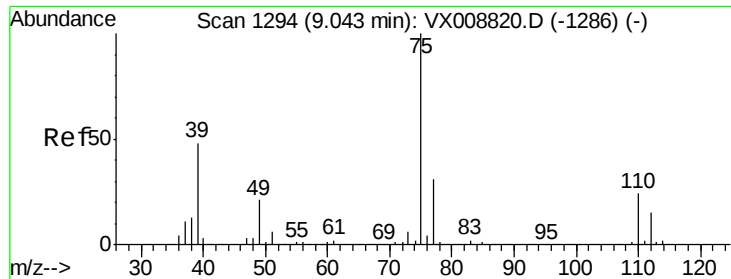
Tgt Ion: 92 Resp: 97980

Ion Ratio Lower Upper

92 100

91 172.0 138.5 207.7





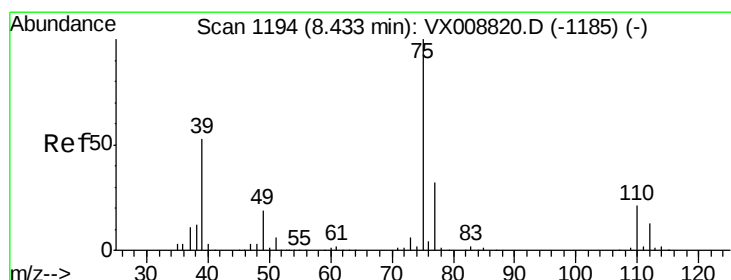
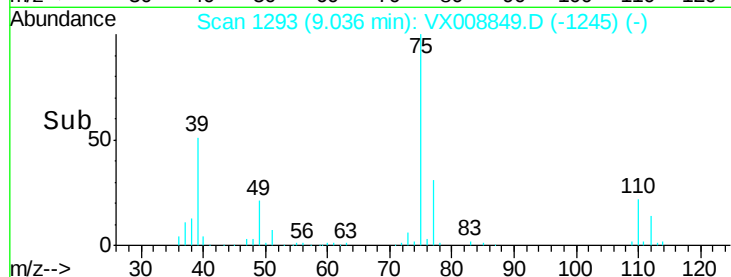
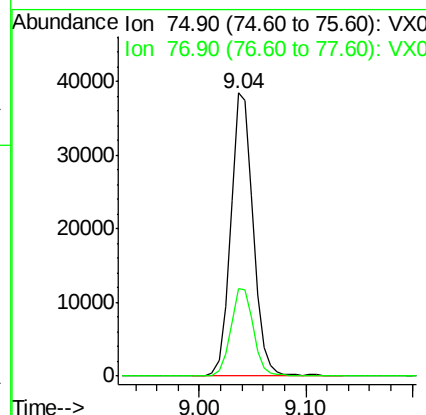
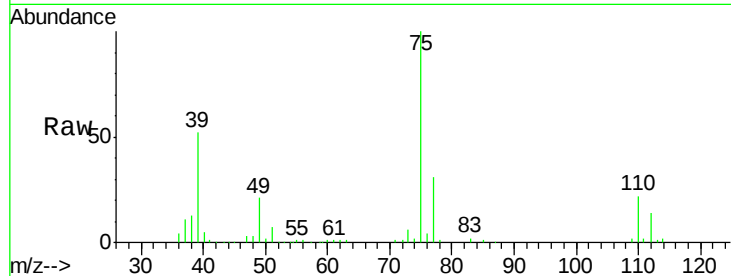
#53
t-1,3-Dichloropropene
Concen: 18.895 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion: 75 Resp: 56714
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8

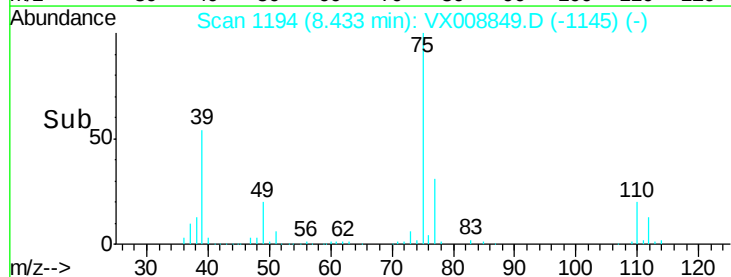
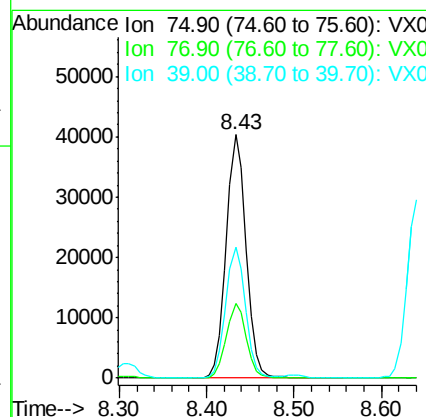
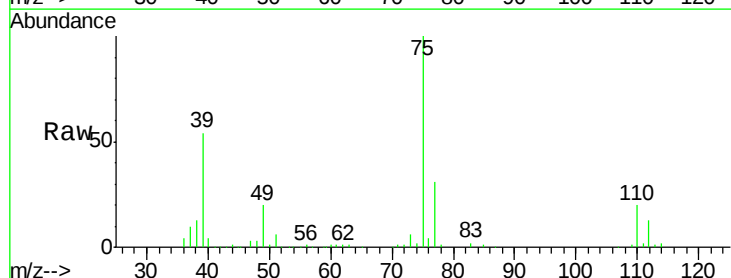
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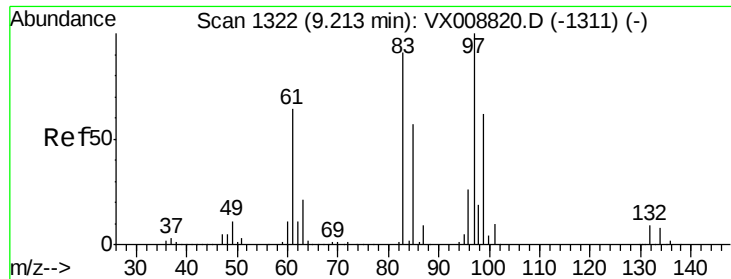
MMDadoda
4/12/2019 9:45:46 AM



#54
cis-1,3-Dichloropropene
Concen: 18.532 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 75 Resp: 63558
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 53.7 42.6 63.8





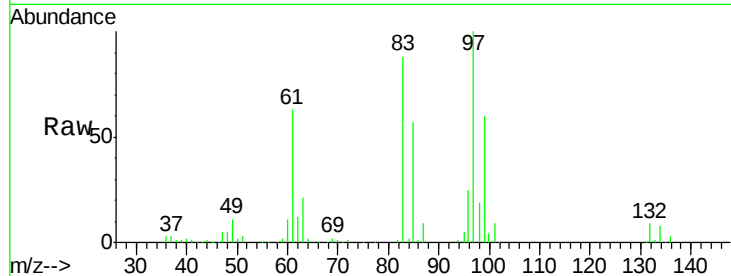
#55
 1,1,2-Trichloroethane
 Concen: 19.082 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

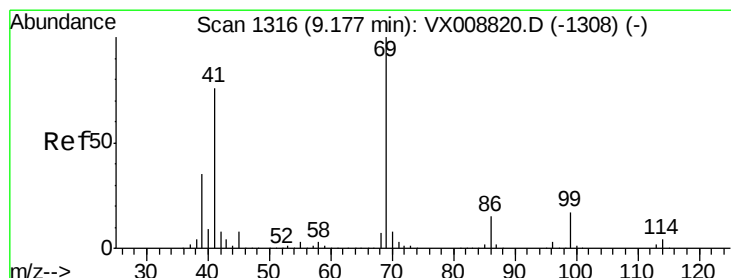
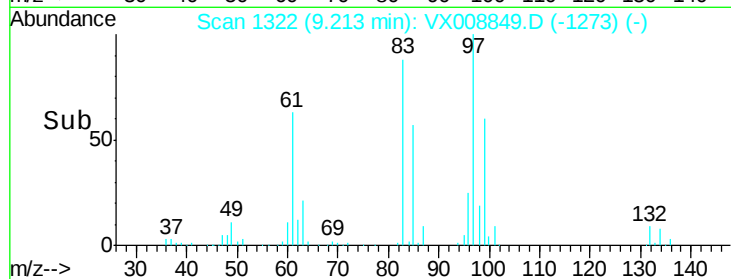
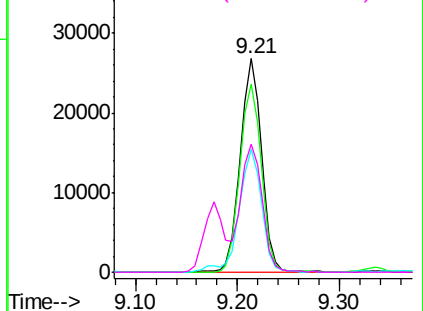
Tot Ion:	97	Resp:	38766
Ion	Ratio	Lower	Upper
97	100		
83	88.0	73.2	109.8
85	57.5	46.6	69.8
99	59.8	50.1	75.1

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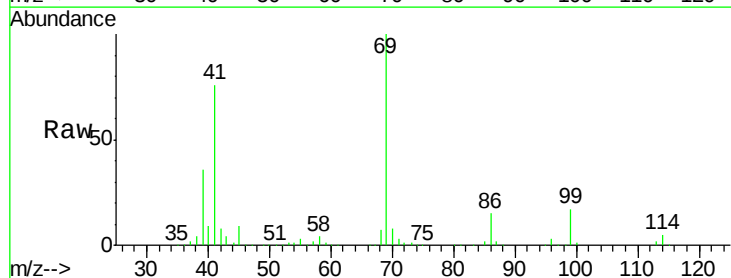


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

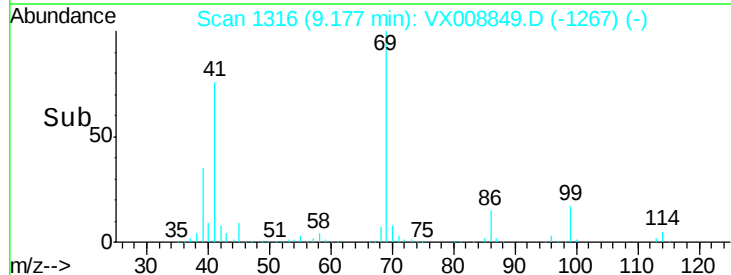
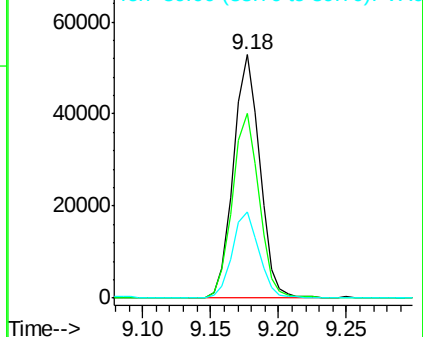


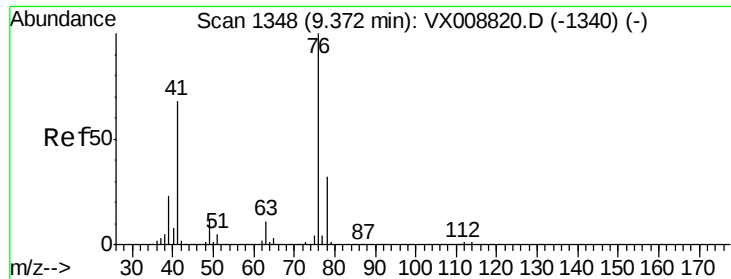
#56
 Ethyl methacrylate
 Concen: 19.503 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion:	69	Resp:	71689
Ion	Ratio	Lower	Upper
69	100		
41	76.8	60.1	90.1
39	35.8	28.9	43.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.790 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

VX0411WBS01

Tot Ion: 76 Resp: 68546

Ion Ratio Lower Upper

76 100

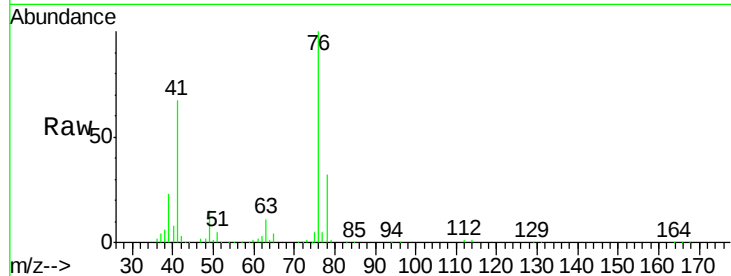
78 32.7 25.6 38.4

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

50000

40000

30000

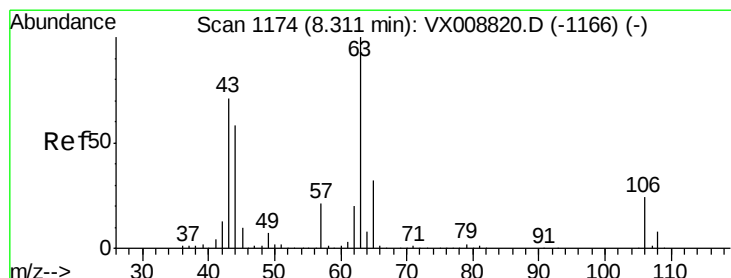
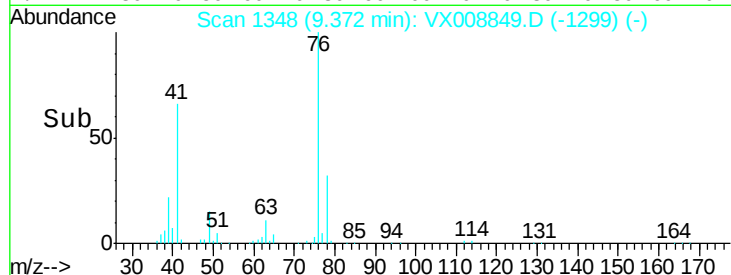
20000

10000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 99.883 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008849.D

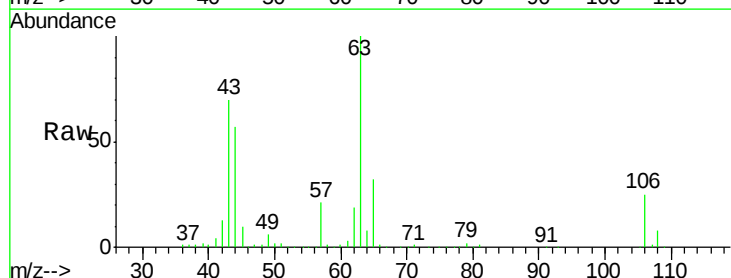
Acq: 11 Apr 2019 14:11

Tgt Ion: 63 Resp: 187471

Ion Ratio Lower Upper

63 100

106 24.4 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

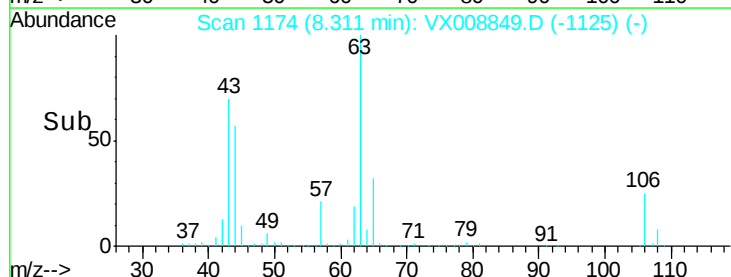
100000

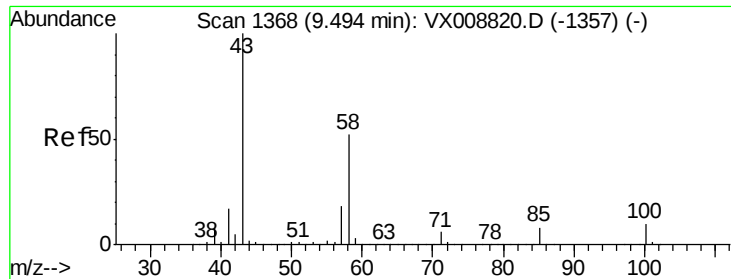
50000

0

8.20 8.30 8.40

Time-->





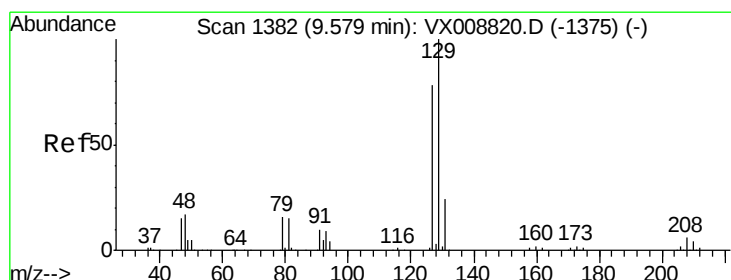
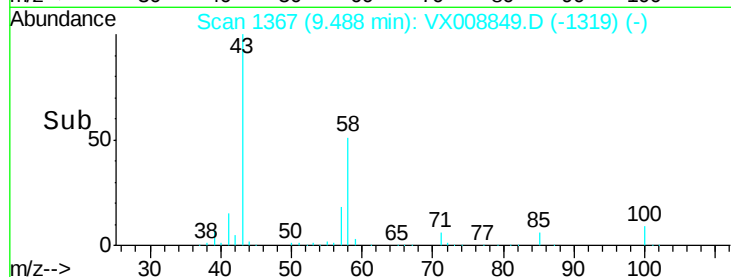
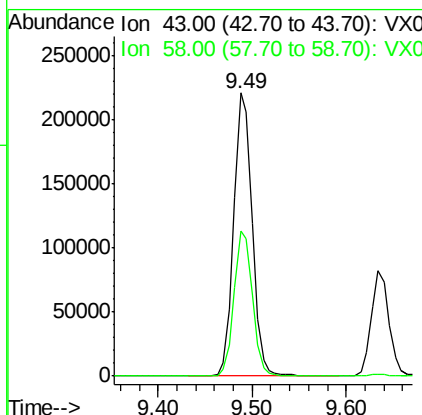
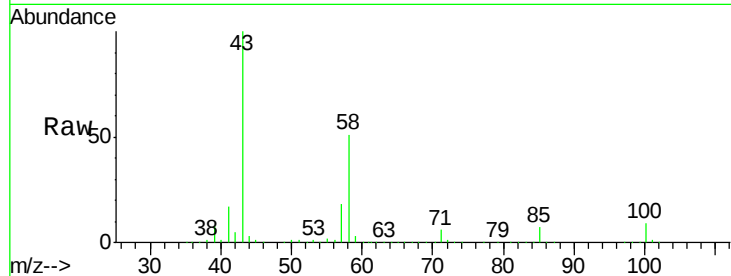
#59
2-Hexanone
Concen: 99.242 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion: 43 Resp: 299148
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7

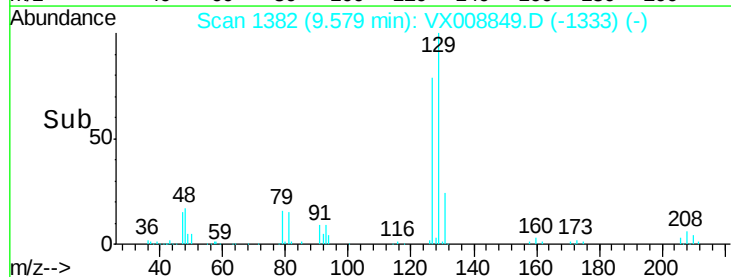
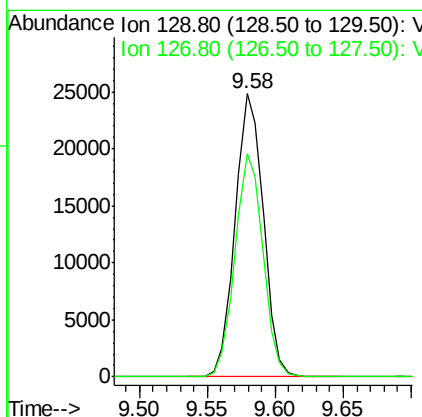
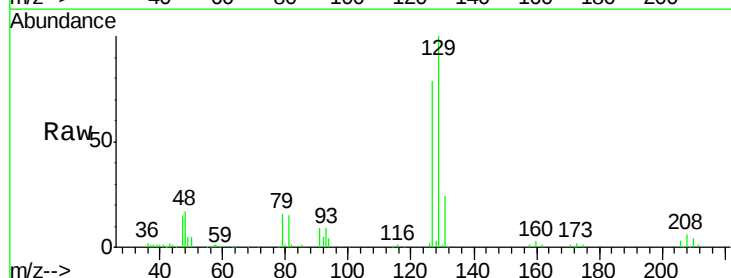
Manual Integrations
APPROVED

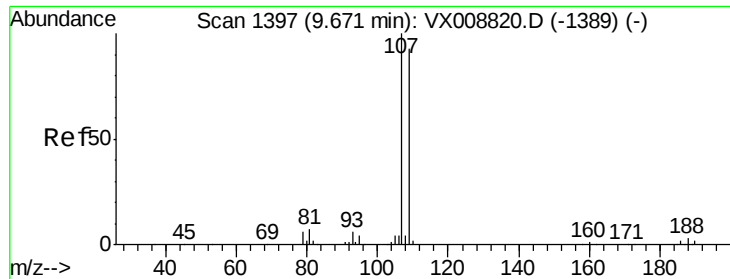
MMDadoda
4/12/2019 9:45:46 AM



#60
Dibromochloromethane
Concen: 18.750 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 129 Resp: 35894
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.442 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion:107 Resp: 39004

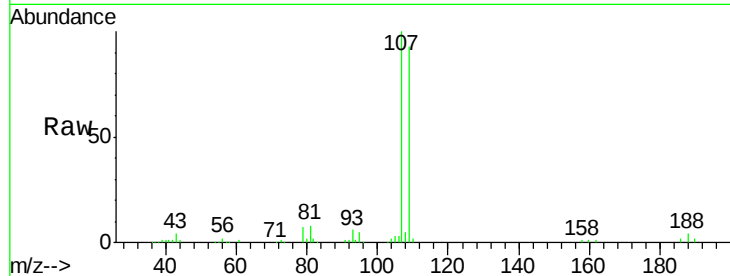
Ion Ratio Lower Upper

107 100

109 95.4 74.1 111.1

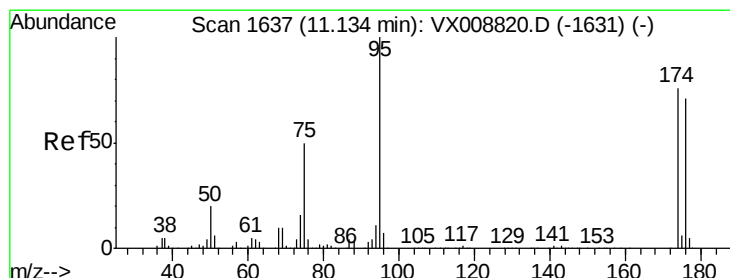
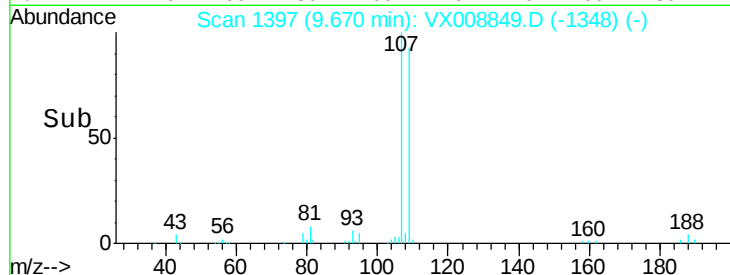
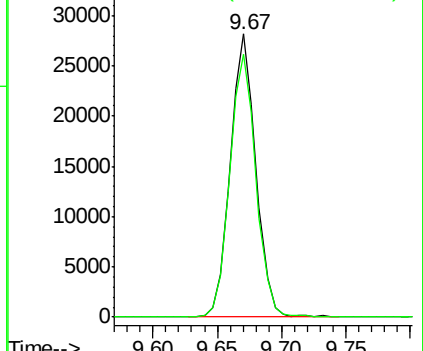
Manual Integrations
APPROVED

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4/12/2019 9:45:46 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.943 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

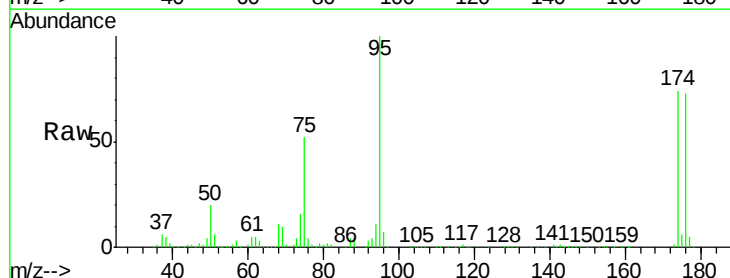
Tgt Ion: 95 Resp: 121237

Ion Ratio Lower Upper

95 100

174 78.6 0.0 151.8

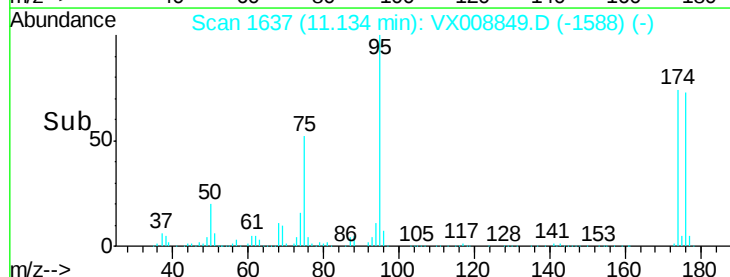
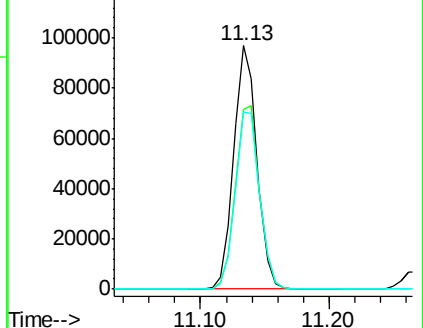
176 76.5 0.0 145.8

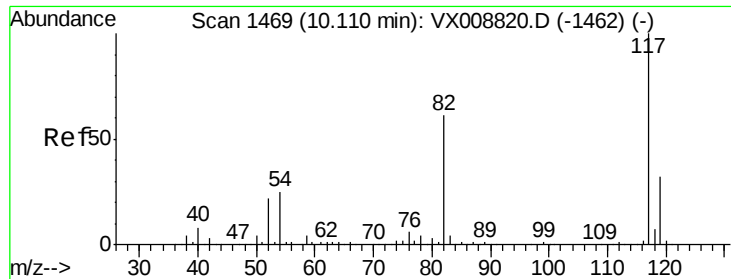


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





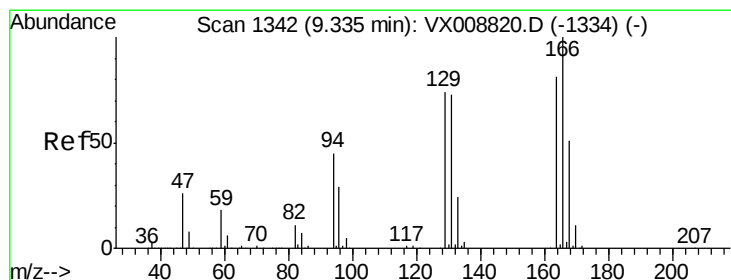
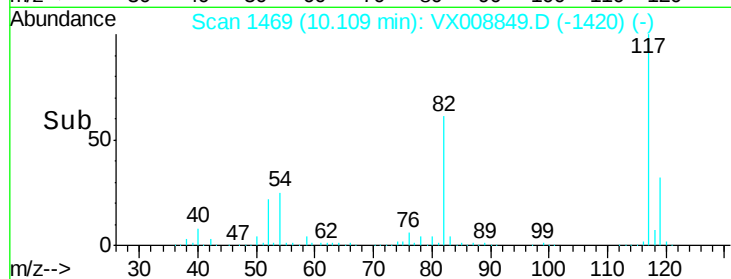
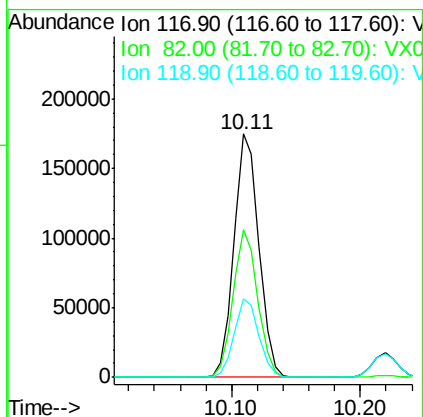
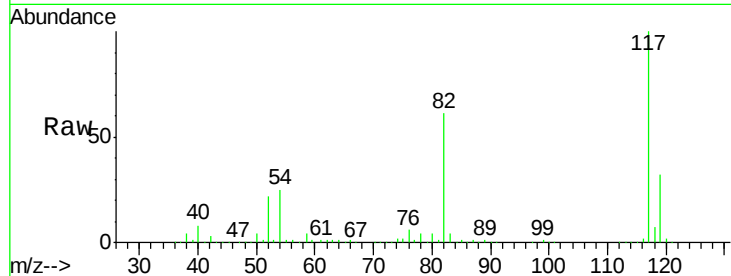
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	49.6	74.4
119	32.4	25.0	37.4

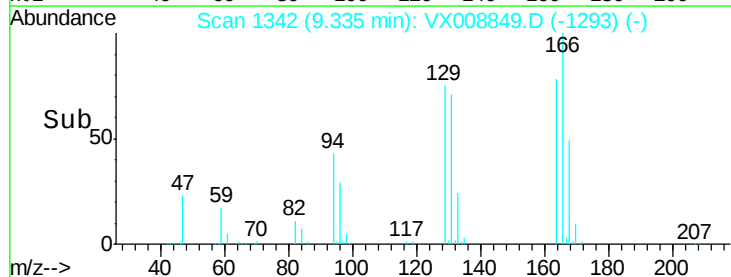
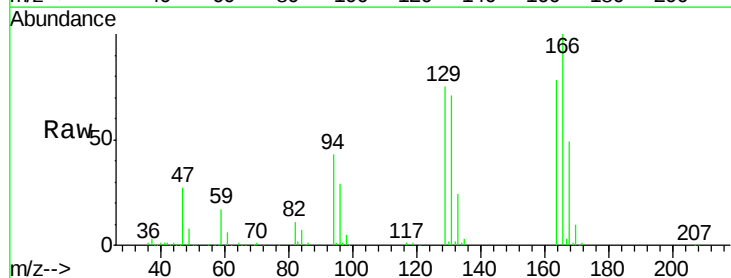
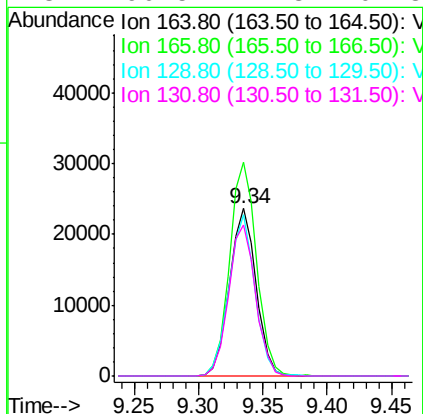
Manual Integrations
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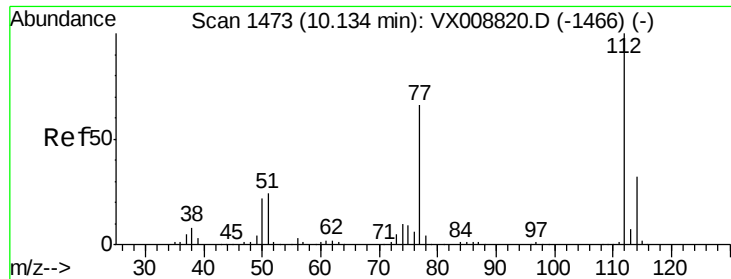
MMDadoda
4/12/2019 9:45:46 AM



#64
Tetrachloroethene
Concen: 19.691 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	101.0	151.6
129	96.1	75.8	113.8
131	90.5	71.8	107.8





#65

Chlorobenzene

Concen: 18.813 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion:112 Resp: 98233

Ion Ratio Lower Upper

112 100

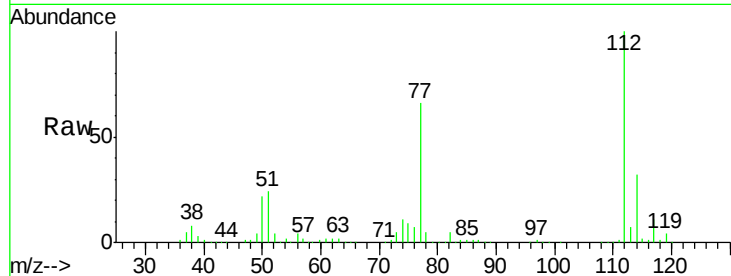
114 32.0 25.8 38.8

Manual Integrations

APPROVED

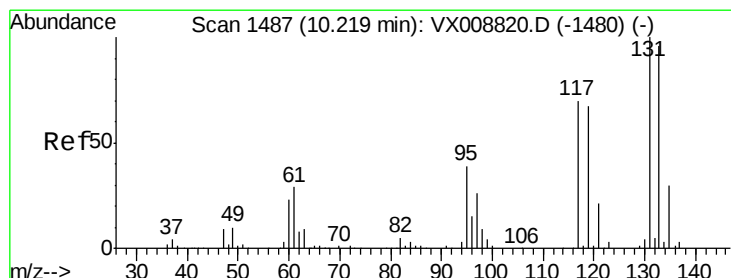
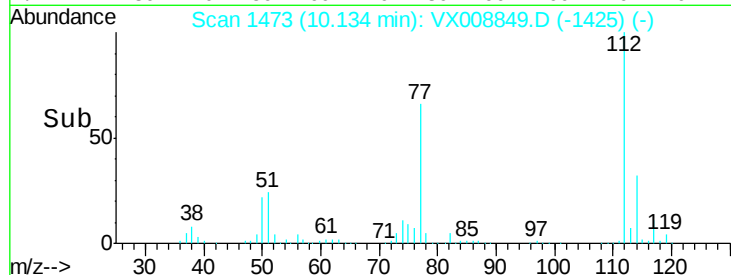
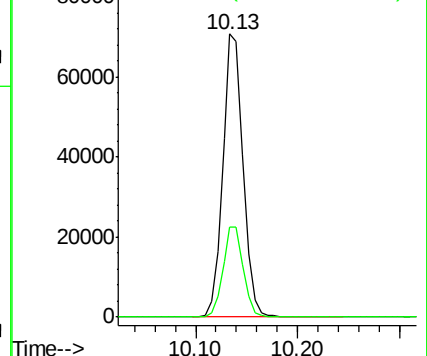
MMDadoda

4/12/2019 9:45:46 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.789 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

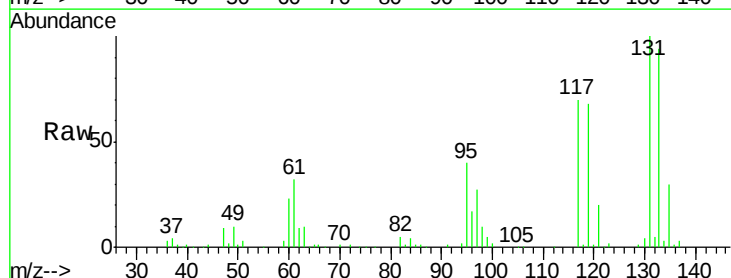
Tgt Ion:131 Resp: 34419

Ion Ratio Lower Upper

131 100

133 94.7 47.0 141.2

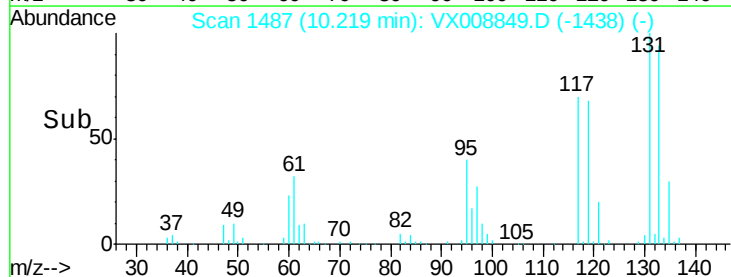
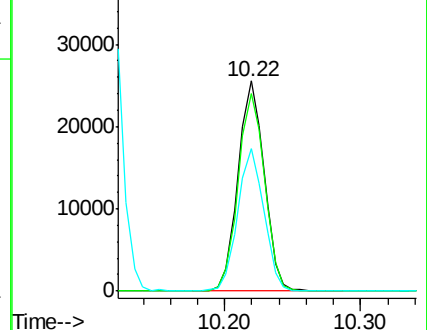
119 67.7 33.7 101.0

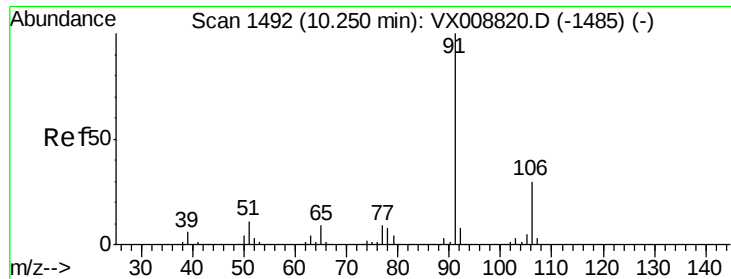


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





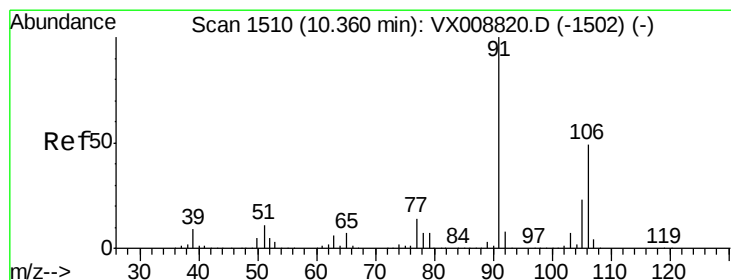
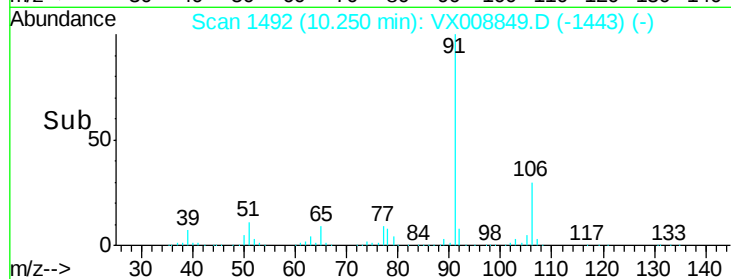
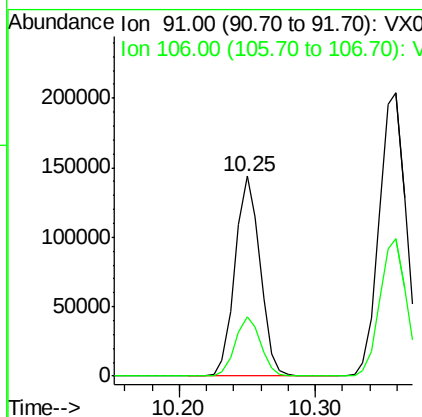
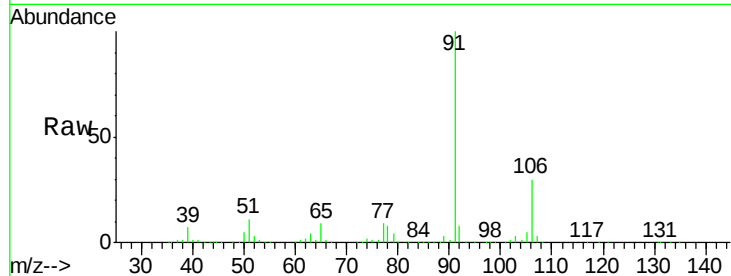
#67
Ethyl Benzene
Concen: 19.041 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion: 91 Resp: 185398
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5

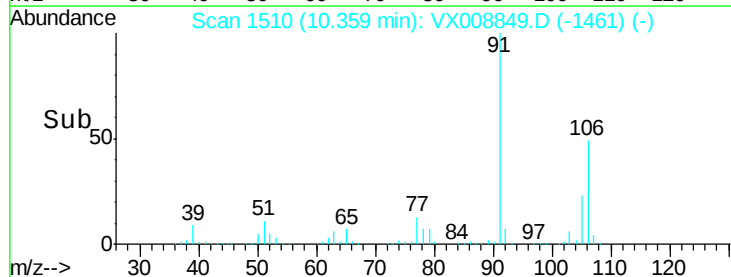
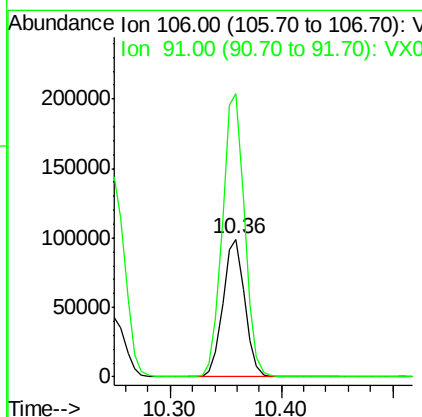
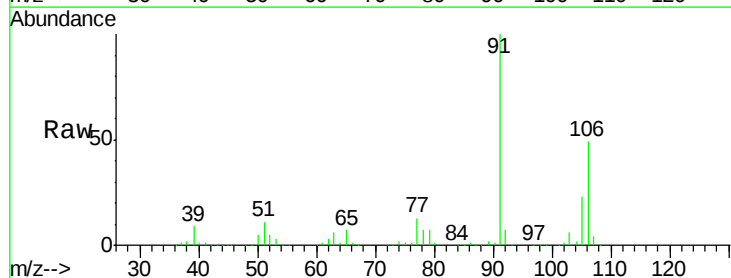
Manual Integrations
APPROVED

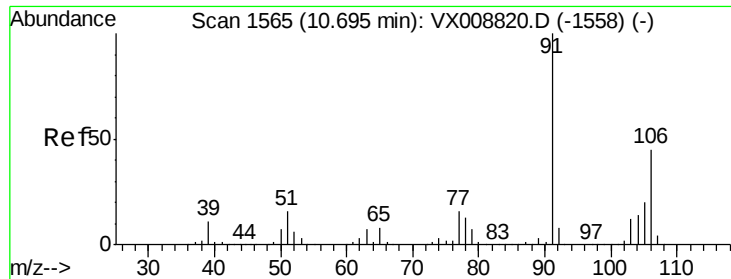
MMDadoda
4/12/2019 9:45:46 AM



#68
m/p-Xylenes
Concen: 38.305 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 106 Resp: 134099
Ion Ratio Lower Upper
106 100
91 209.1 168.5 252.7





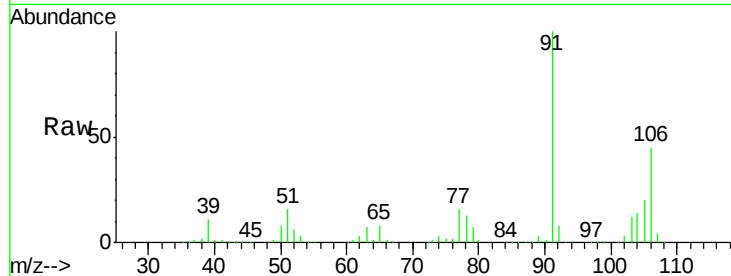
#69
o-Xylene
Concen: 19.533 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

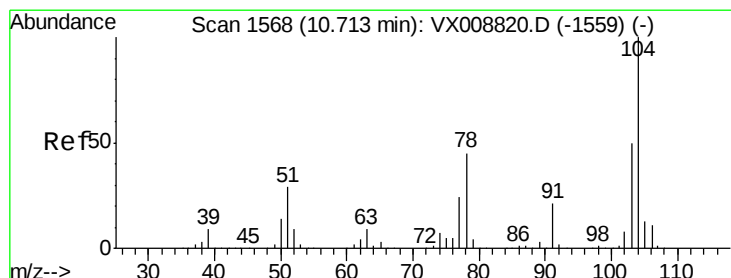
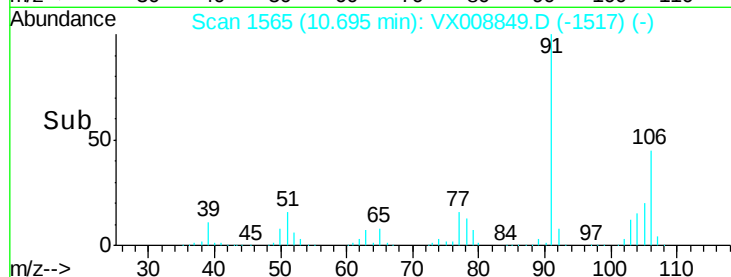
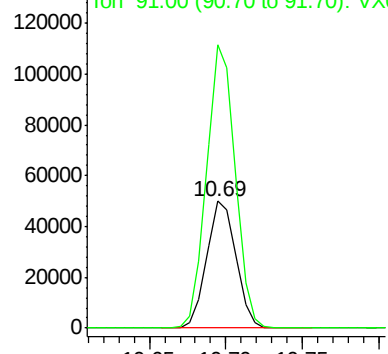
Tot Ion:106 Resp: 66270
Ion Ratio Lower Upper
106 100
91 218.5 111.5 334.4

Manual Integrations
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MMDadoda
4/12/2019 9:45:46 AM

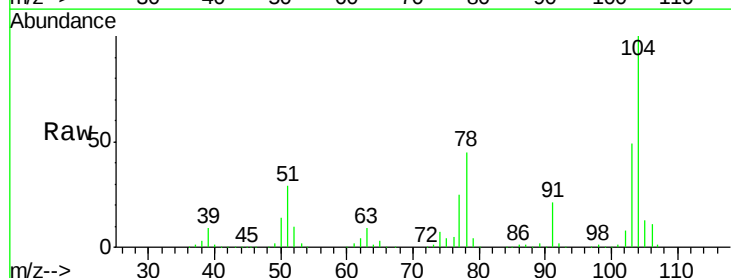


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

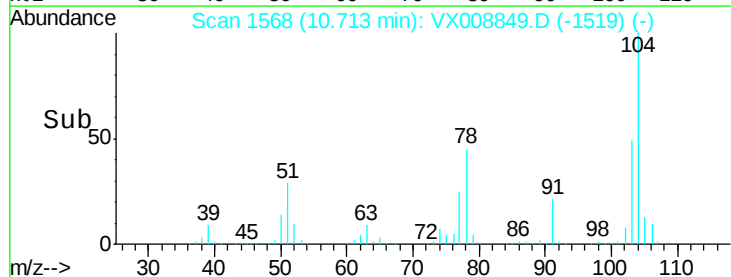
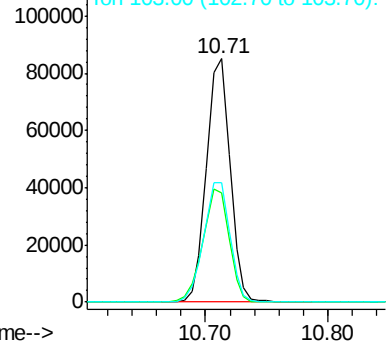


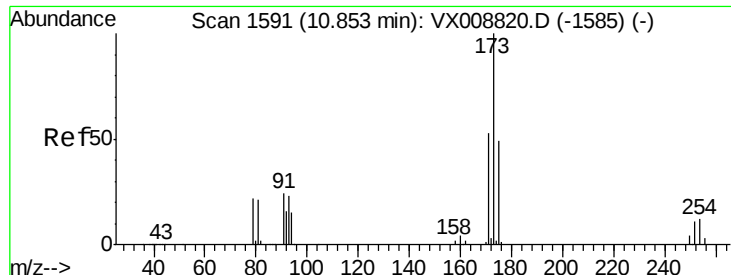
#70
Styrene
Concen: 19.463 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion:104 Resp: 113821
Ion Ratio Lower Upper
104 100
78 51.9 42.3 63.5
103 54.7 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





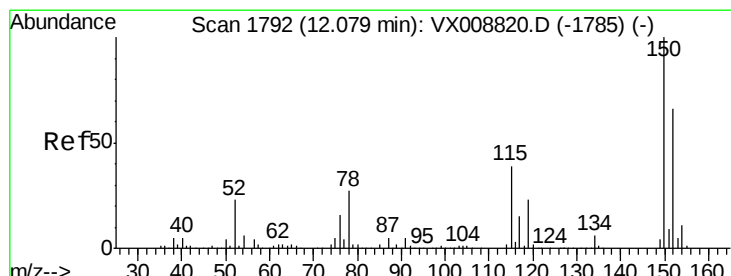
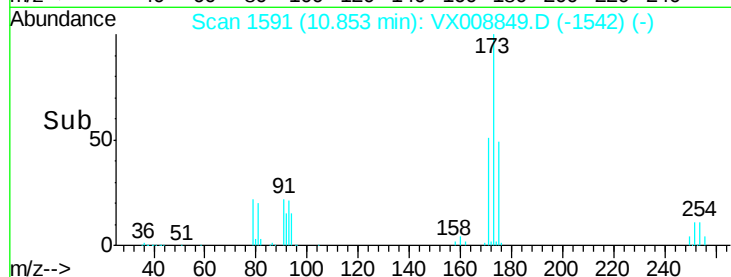
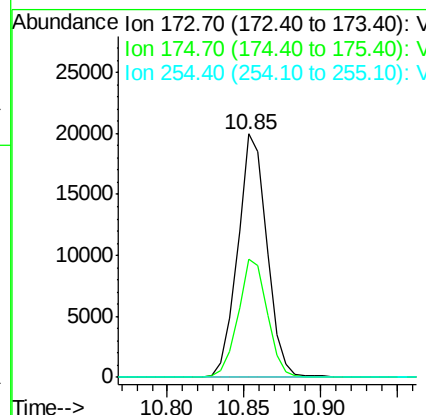
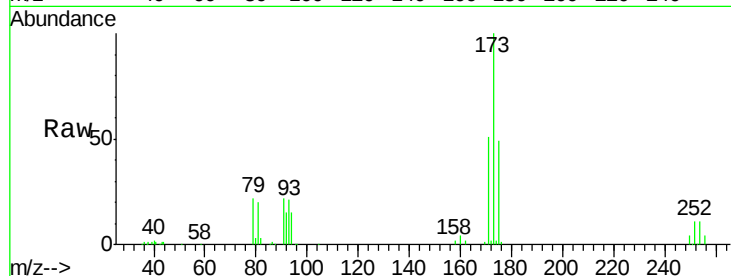
#71
Bromoform
Concen: 18.818 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.9	74.6
254	0.0	0.1	0.1#

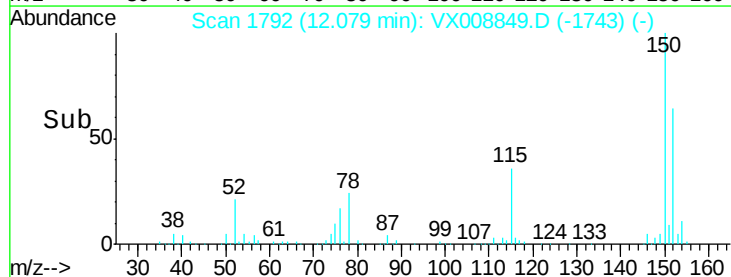
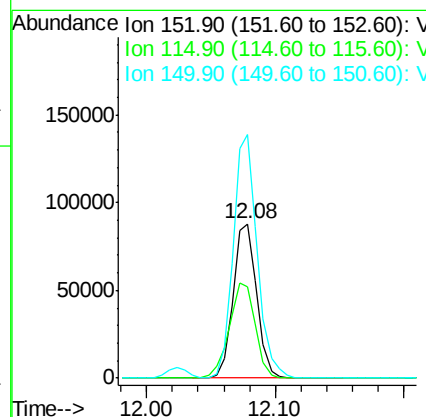
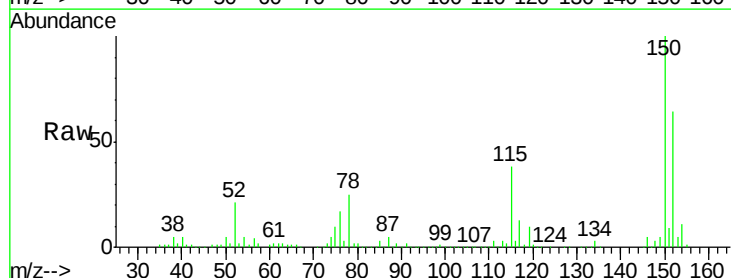
Manual Integrations
APPROVED

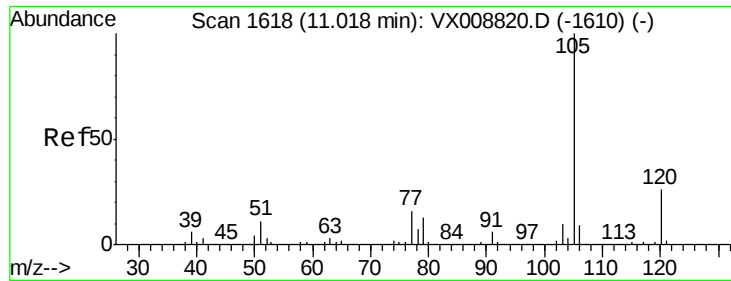
MMDadoda
4/12/2019 9:45:46 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.6	43.5	130.5
150	161.3	0.0	348.8





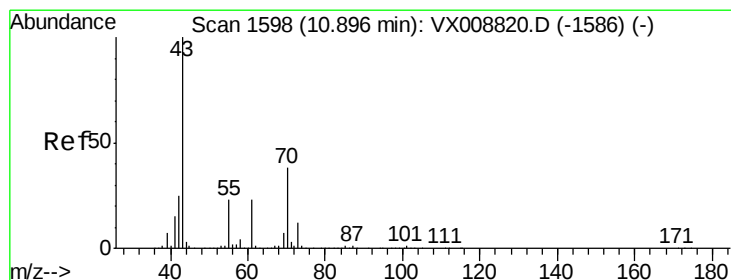
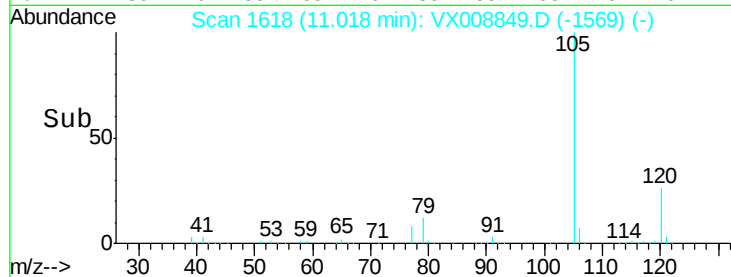
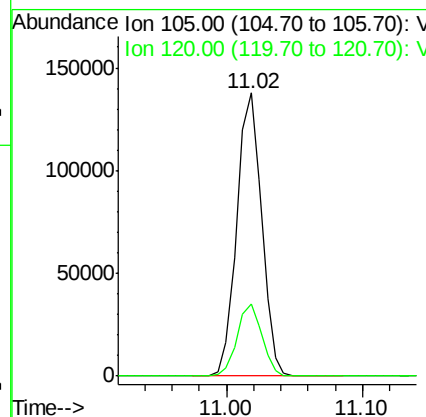
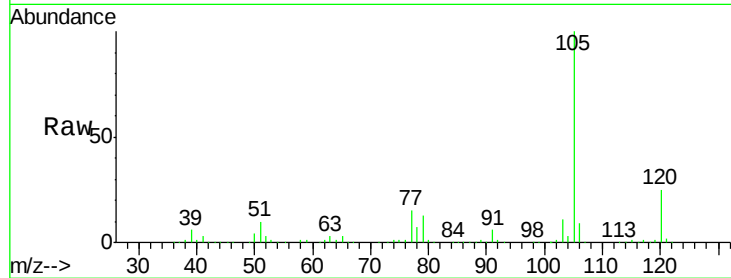
#73
Isopropylbenzene
Concen: 18.818 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion: 105 Resp: 174954
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6

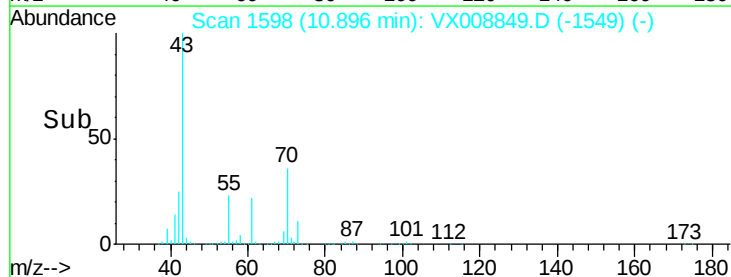
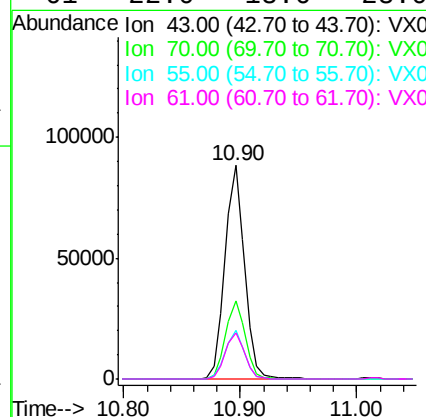
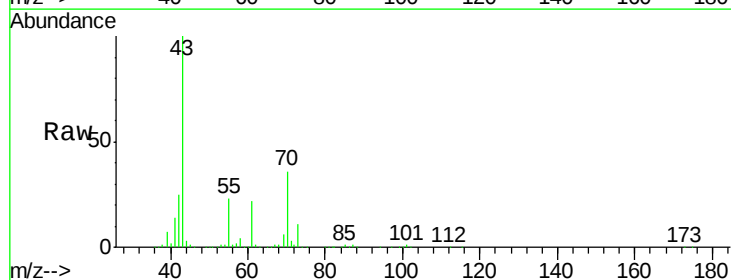
Manual Integrations
APPROVED

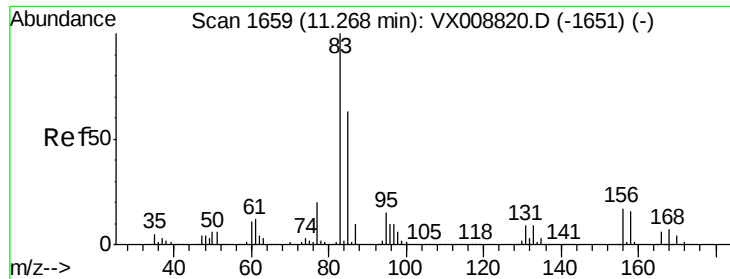
MMDadoda
4/12/2019 9:45:46 AM



#74
N-ethyl acetate
Concen: 18.597 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion: 43 Resp: 101722
Ion Ratio Lower Upper
43 100
70 37.2 30.2 45.4
55 22.7 18.2 27.4
61 22.0 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.839 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

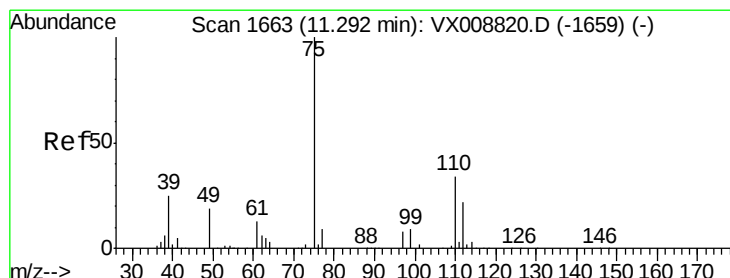
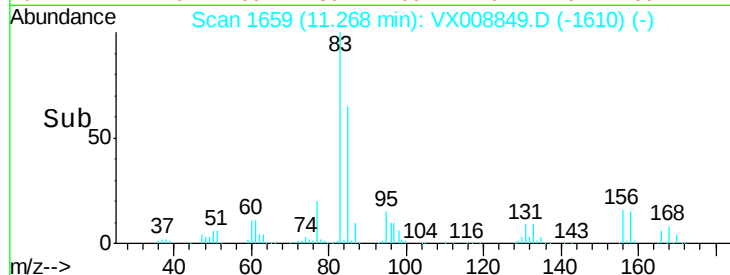
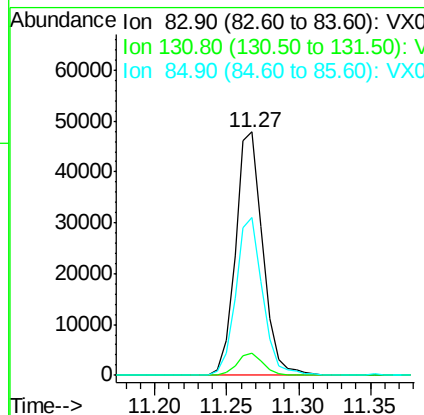
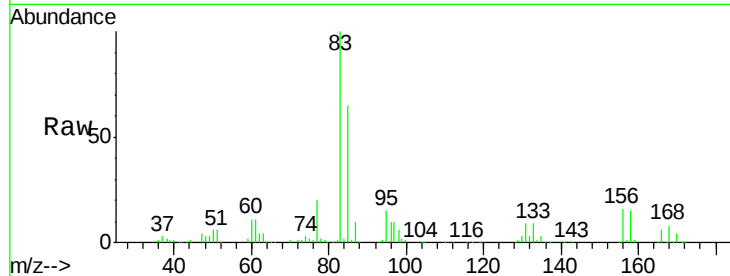
ClientSampleId :

VX0411WBS01

Tot Ion:	83	Resp:	63075
Ion Ratio	Lower	Upper	
83	100		
131	8.8	4.5	13.7
85	64.3	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.021 ug/l m

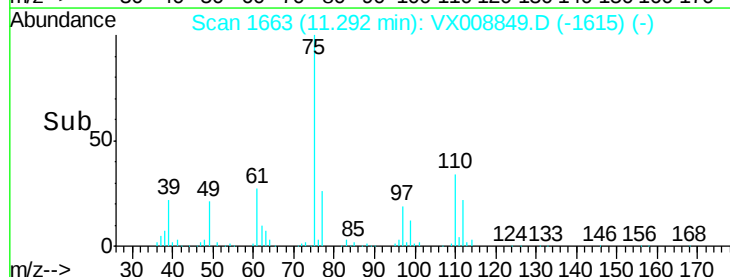
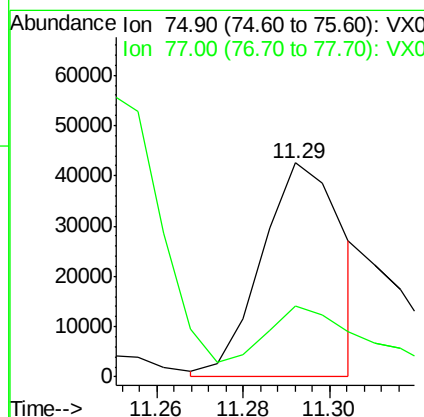
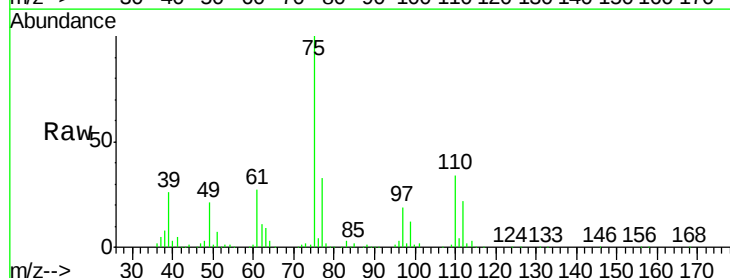
RT: 11.29 min Scan# 1663

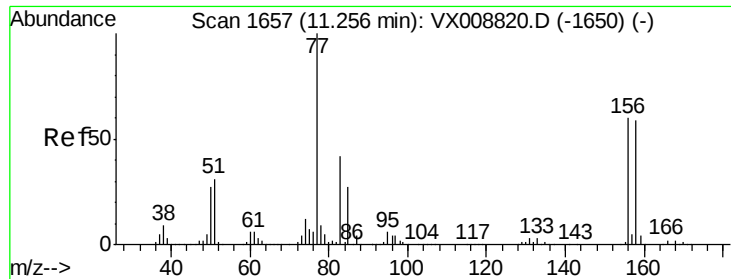
Delta R.T. -0.01 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Tgt Ion:	75	Resp:	55536
Ion Ratio	Lower	Upper	
75	100		
77	42.9	22.3	66.8





#77

Bromobenzene

Concen: 18.721 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

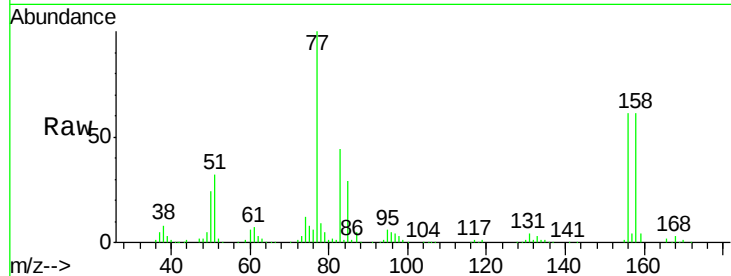
ClientSampleId :

VX0411WBS01

Tot Ion:	156	Resp:	41842
Ion	Ratio	Lower	Upper
156	100		
77	176.4	89.8	269.6
158	99.2	48.6	145.9

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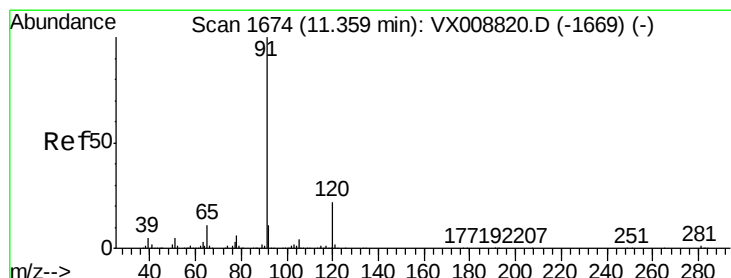
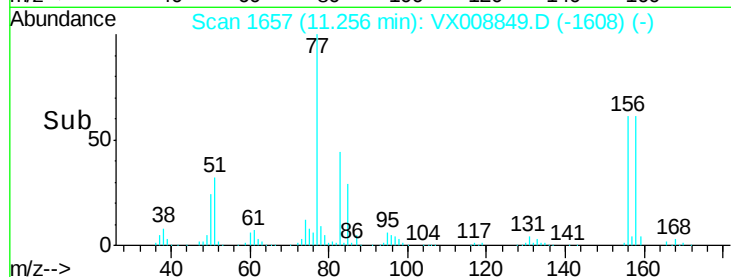
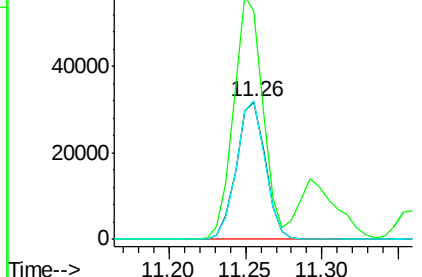
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.680 ug/l

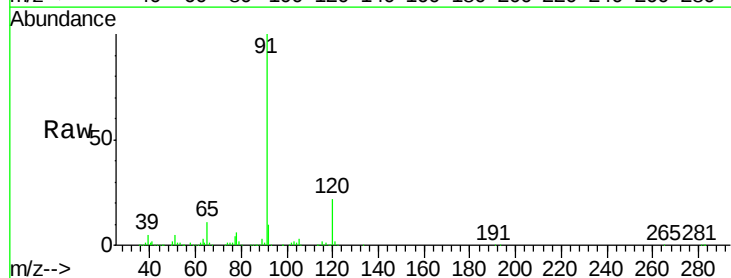
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008849.D

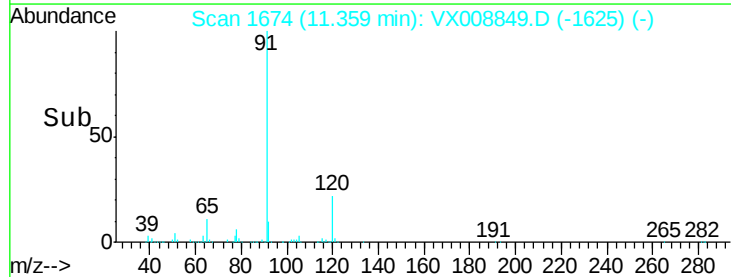
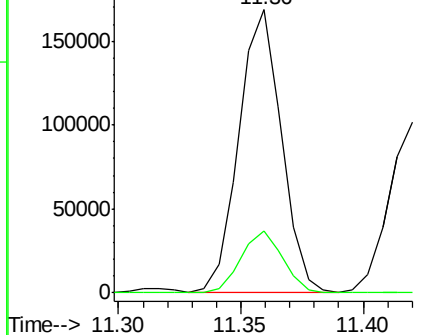
Acq: 11 Apr 2019 14:11

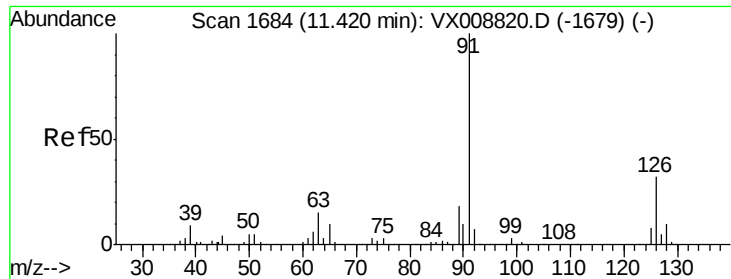
Tgt Ion:	91	Resp:	202214
Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





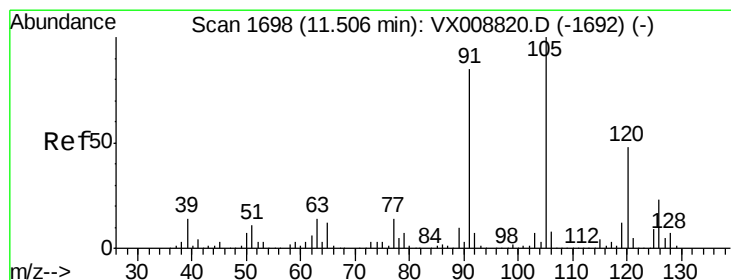
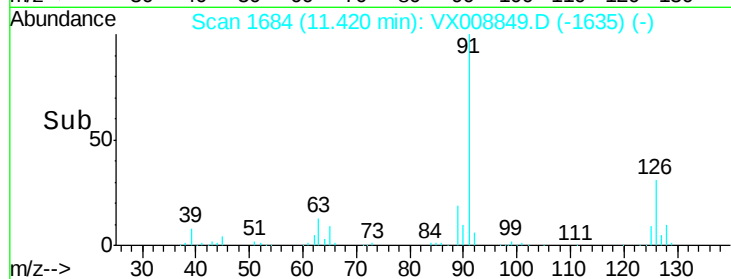
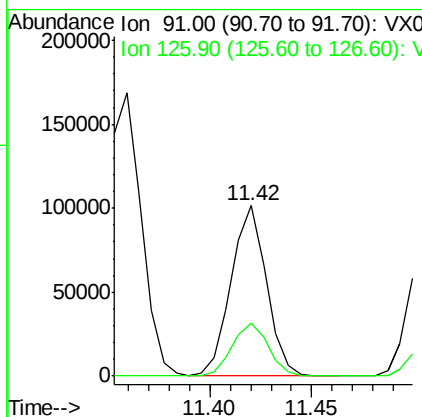
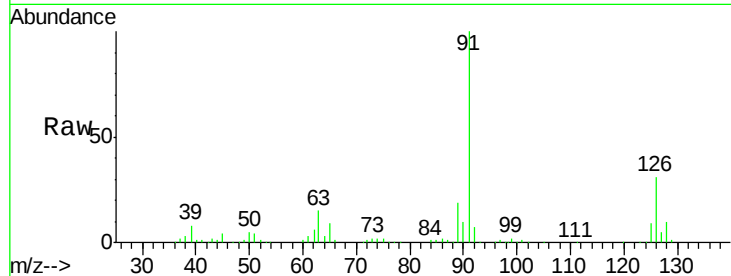
#79
 2-Chlorotoluene
 Concen: 18.562 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion: 91 Resp: 121600
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.1 48.3

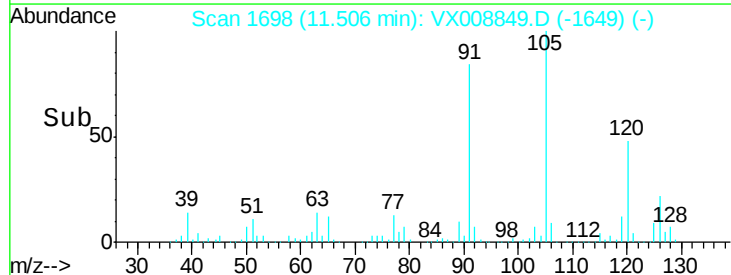
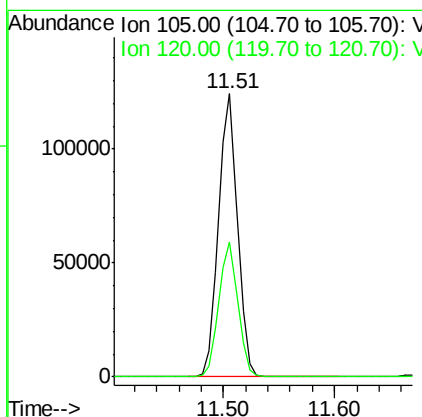
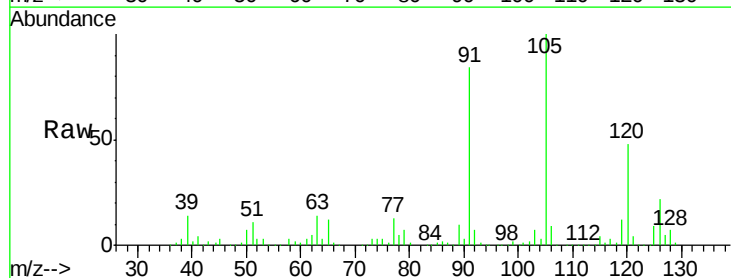
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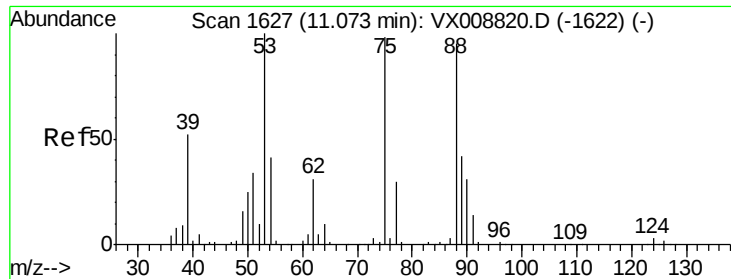
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.871 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion: 105 Resp: 147274
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.5 70.6





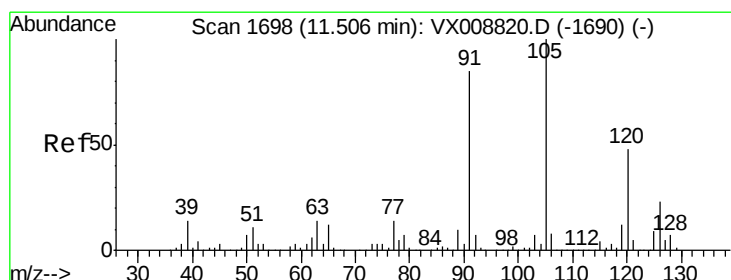
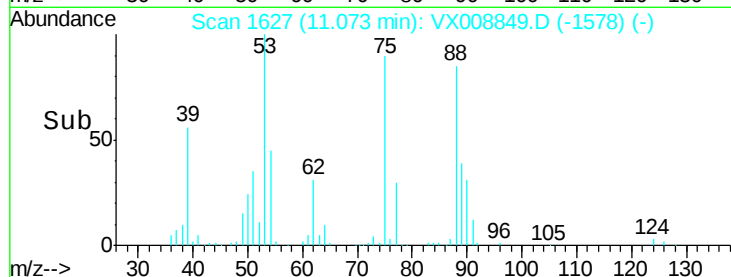
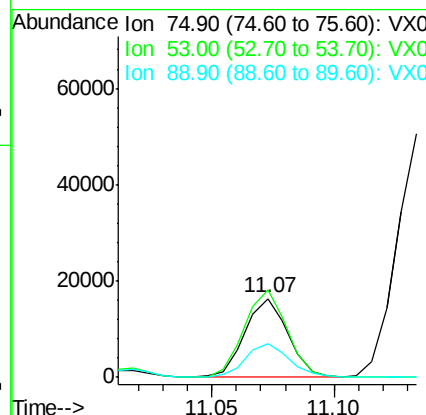
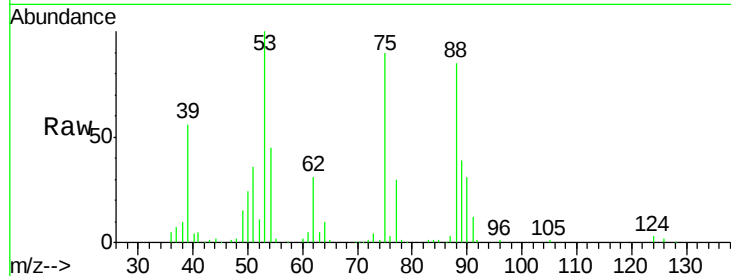
#81
trans-1,4-Dichloro-2-butene
Concen: 17.765 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.2	81.3	121.9
89	44.6	35.6	53.4

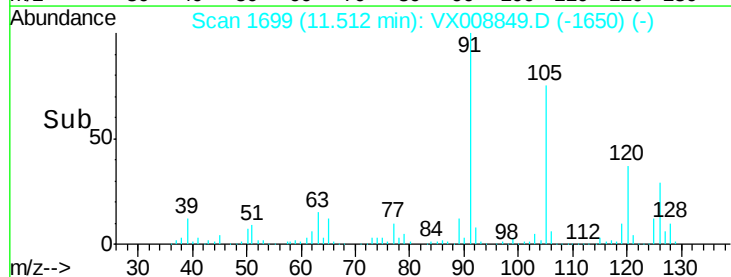
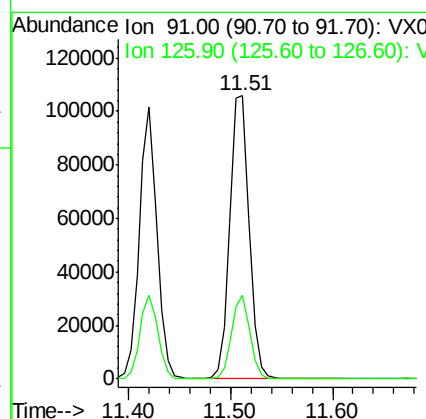
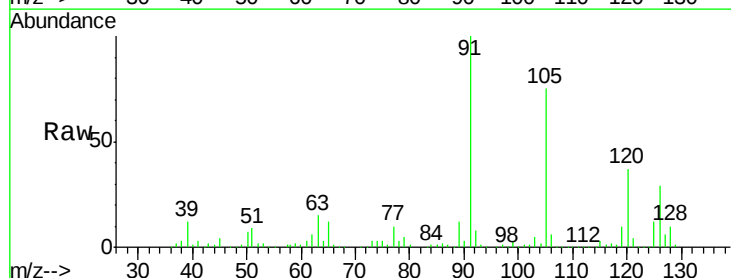
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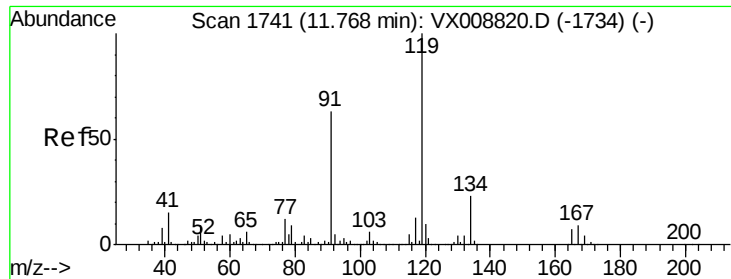
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#82
4-Chlorotoluene
Concen: 18.268 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.8	13.9	41.6





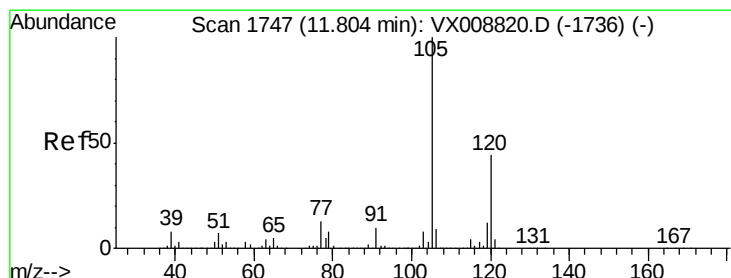
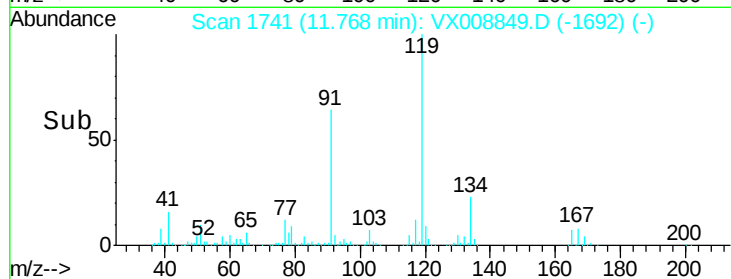
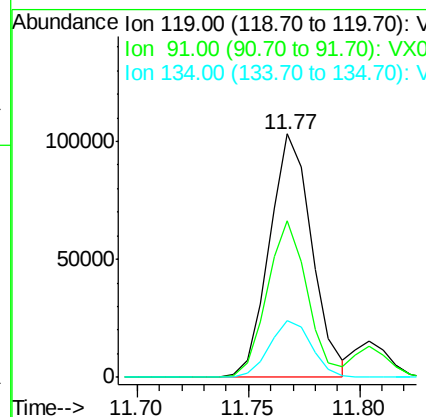
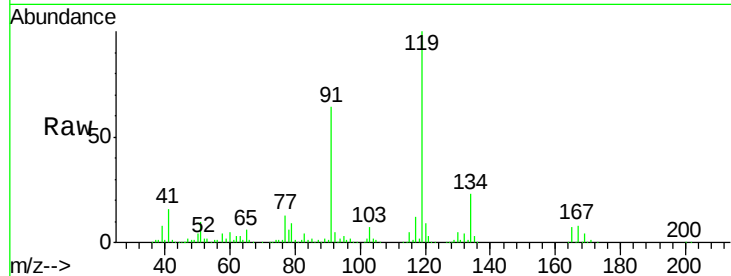
#83
 tert-Butylbenzene
 Concen: 18.165 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	136383		
91	61.1	30.0	90.1	
134	23.0	11.1	33.3	

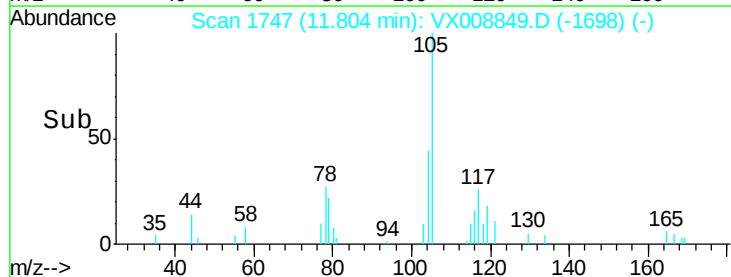
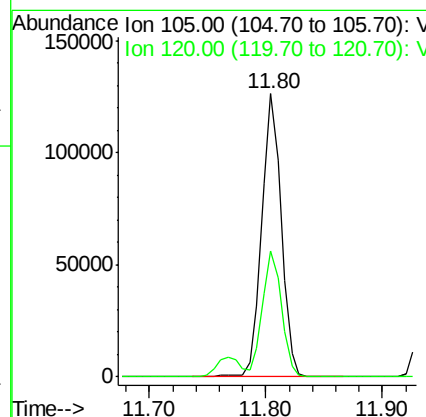
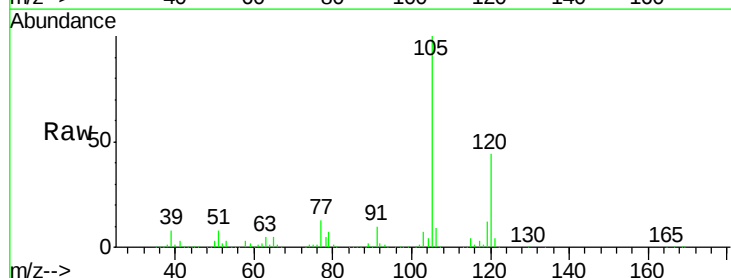
Manual Integrations
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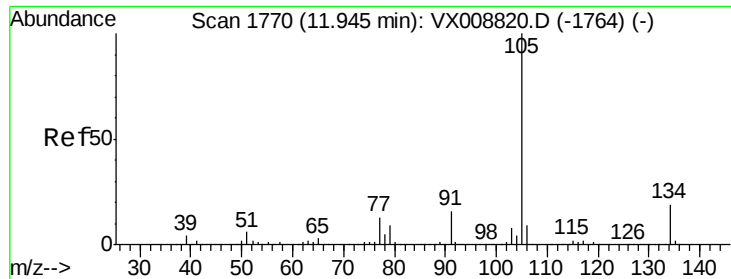
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.854 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	148983		
120	43.5	21.8	65.3	





#85

sec-Butylbenzene

Concen: 18.743 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion:105 Resp: 167158

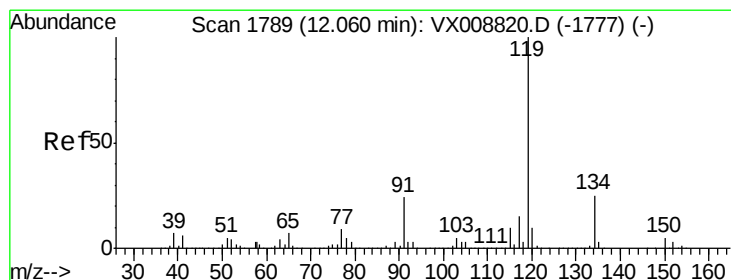
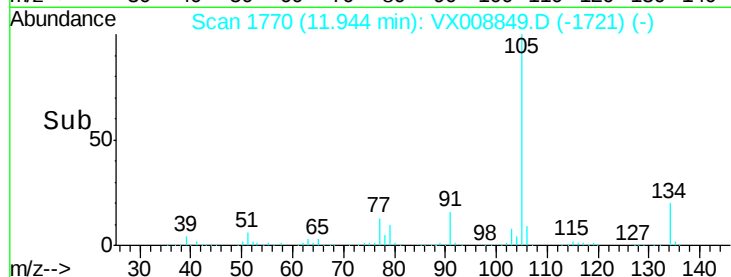
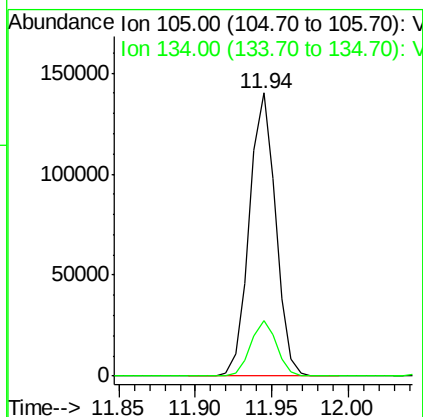
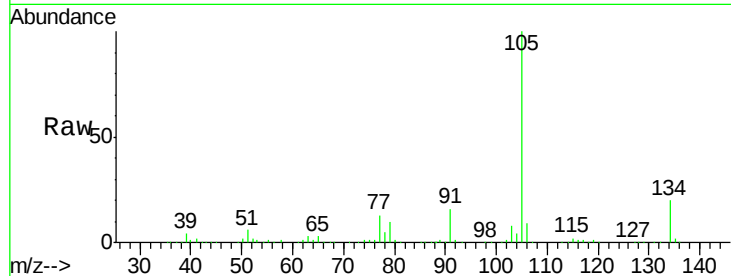
Ion Ratio Lower Upper

105 100

134 19.3 9.4 28.2

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#86

p-Isopropyltoluene

Concen: 19.101 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

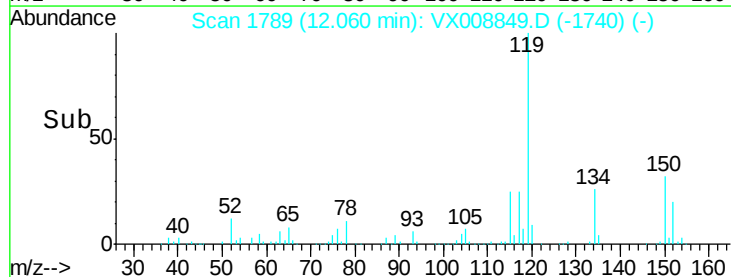
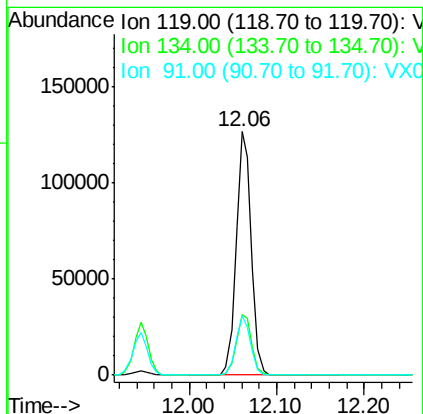
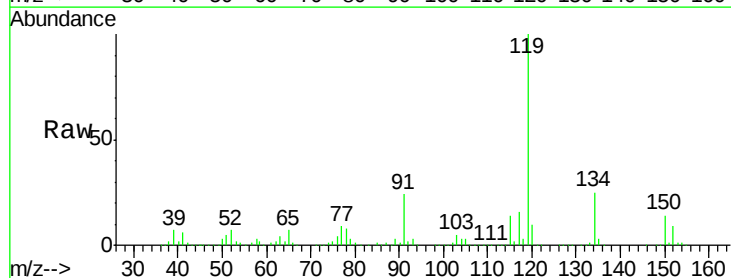
Tgt Ion:119 Resp: 152891

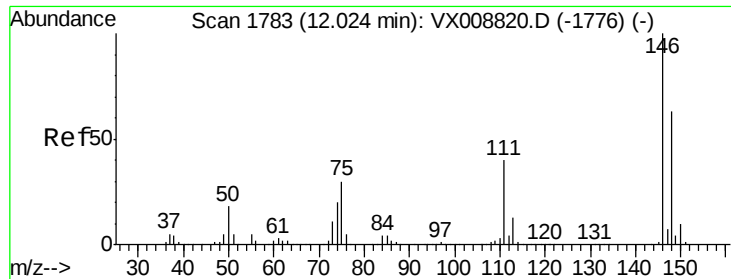
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 24.1 12.2 36.6





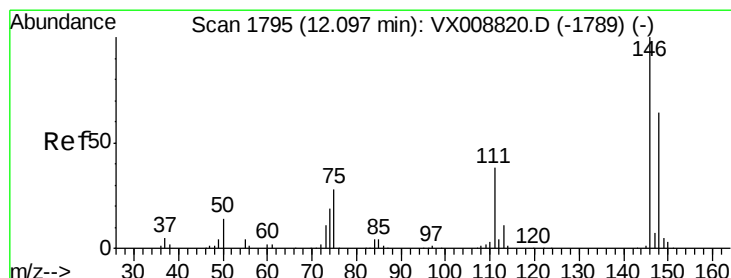
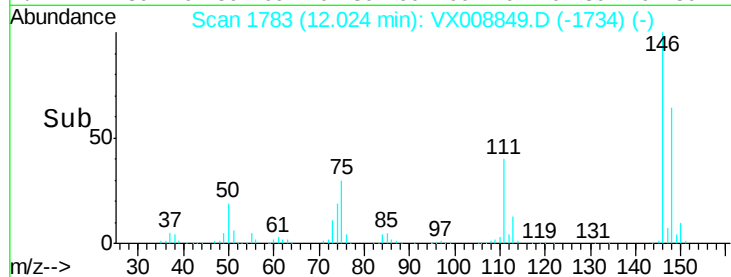
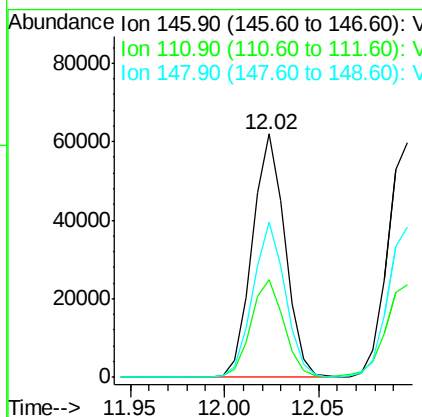
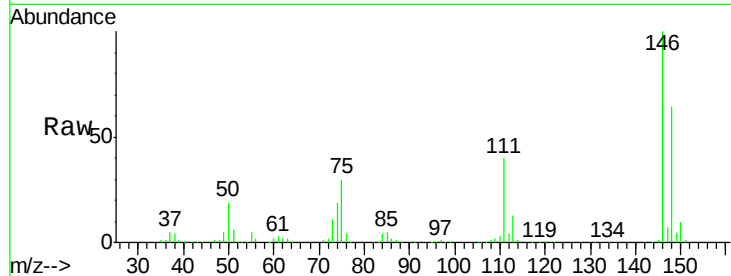
#87
 1,3-Dichlorobenzene
 Concen: 18.650 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.5	61.5
148	62.8	31.6	94.7

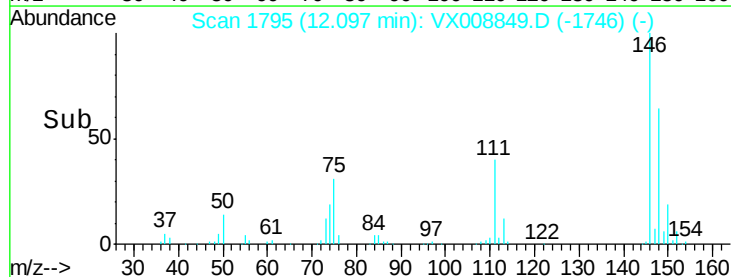
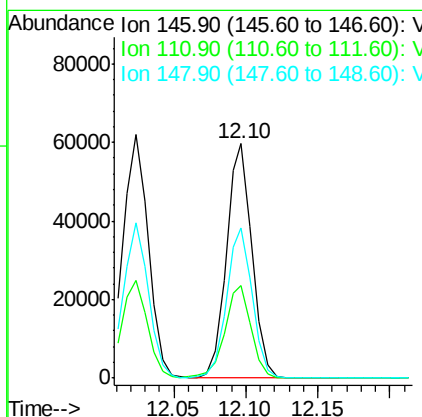
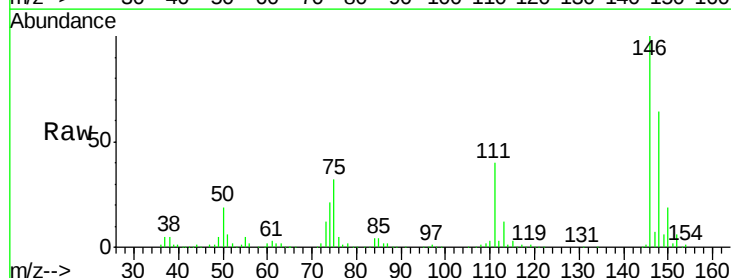
Manual Integrations
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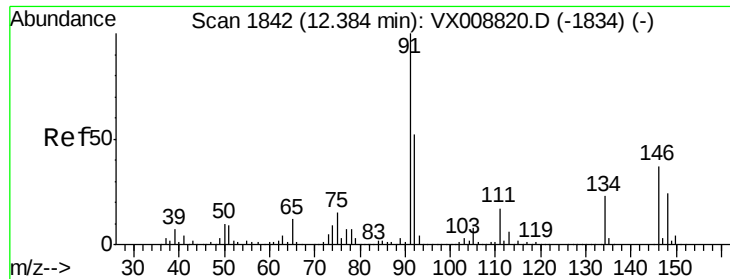
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#88
 1,4-Dichlorobenzene
 Concen: 18.307 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.2	60.6
148	64.5	32.0	96.0





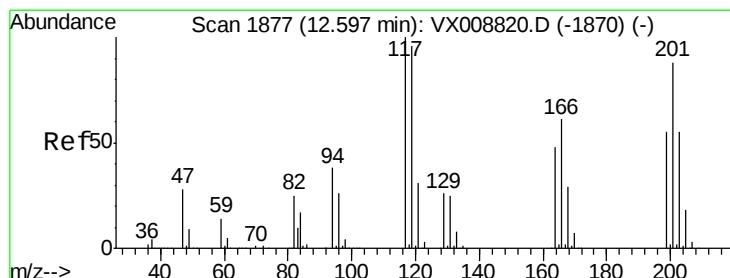
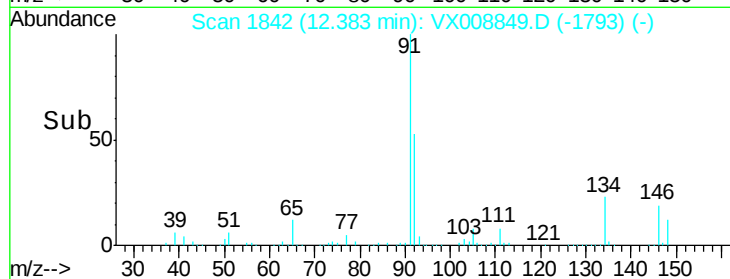
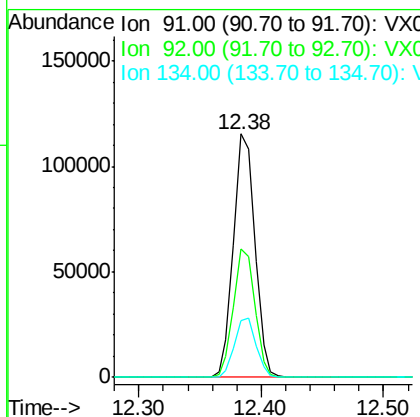
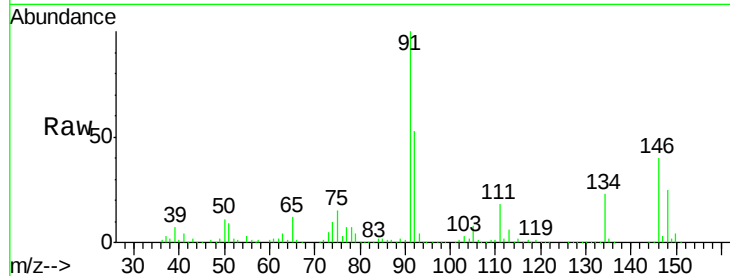
#89
n-Butylbenzene
Concen: 18.585 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		139512		
92	53.0	26.4	79.2		
134	24.4	12.0	36.0		

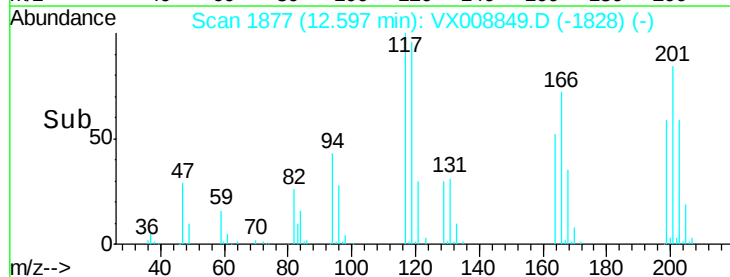
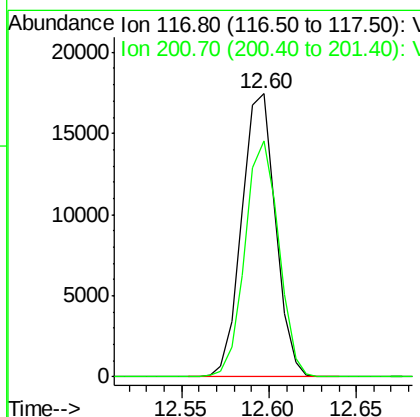
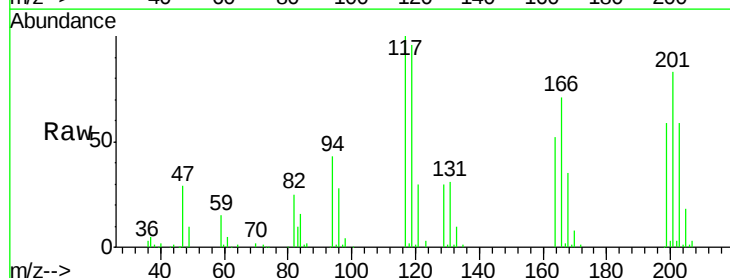
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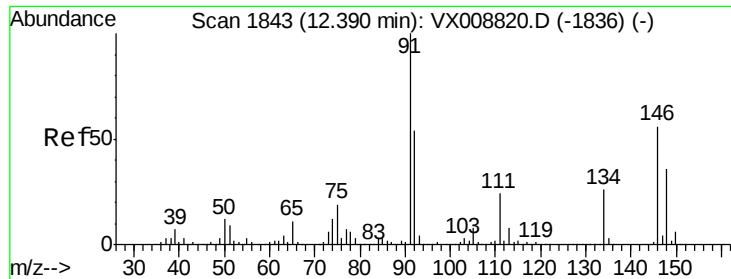
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#90
Hexachloroethane
Concen: 17.690 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008849.D
Acq: 11 Apr 2019 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		23486		
201	83.1	40.6	122.0		





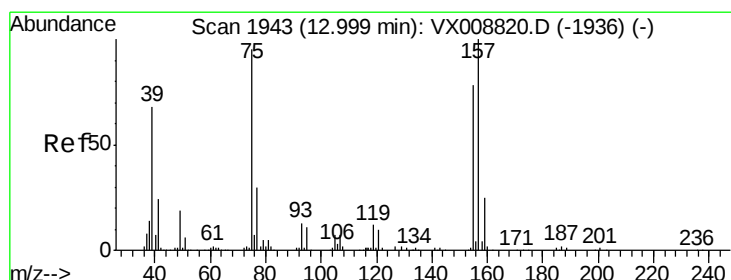
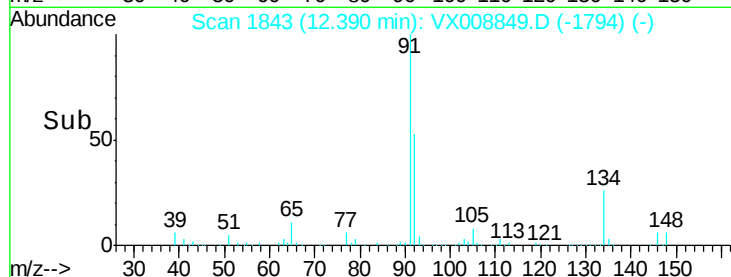
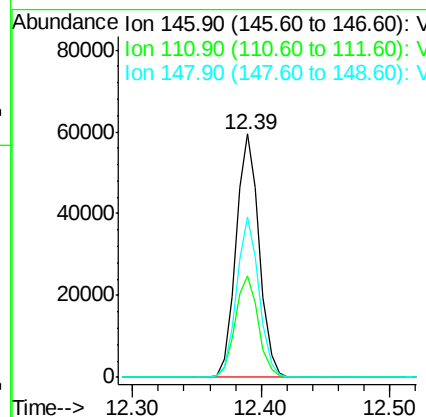
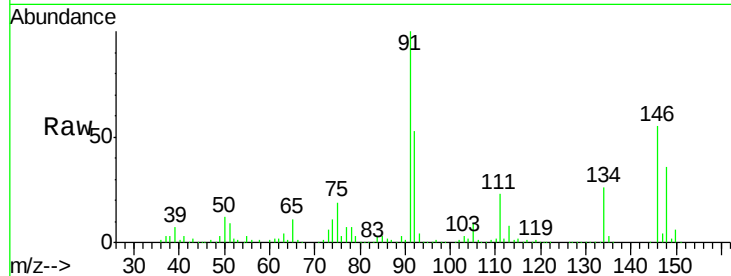
#91
 1,2-Dichlorobenzene
 Concen: 18.749 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.9
148	64.0	31.7	95.1

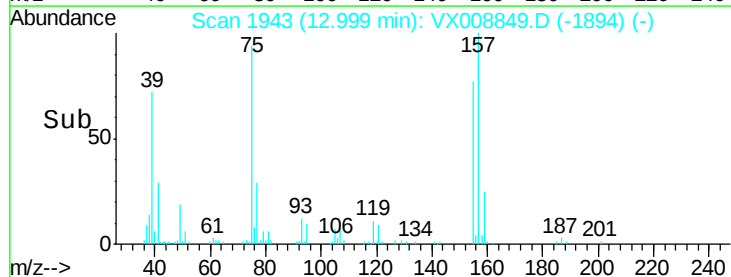
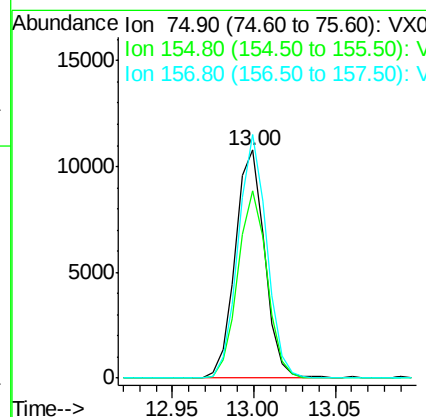
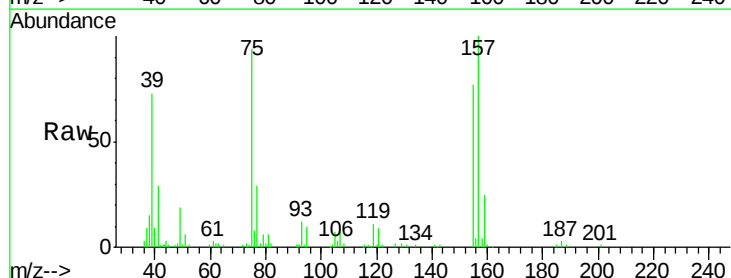
Manual Integrations
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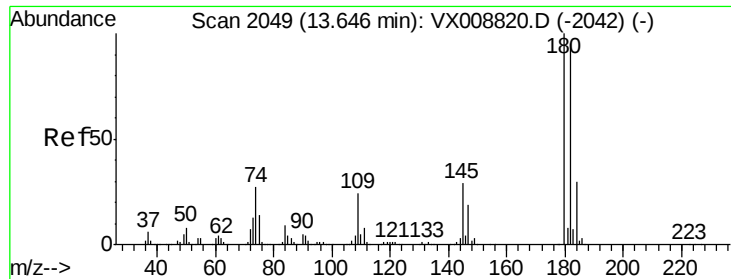
MMDadoda
 4/12/2019 9:45:46 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.338 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	39.9	119.6
157	103.7	51.5	154.7





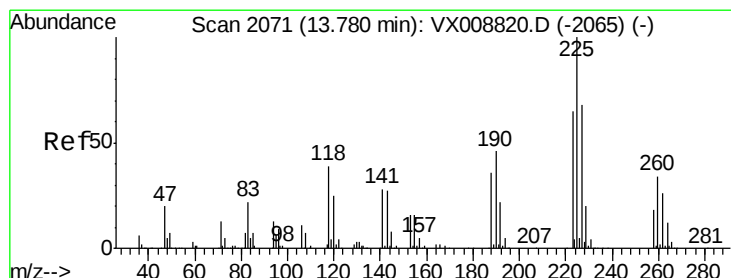
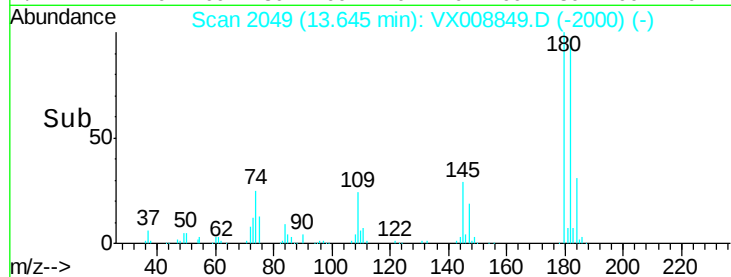
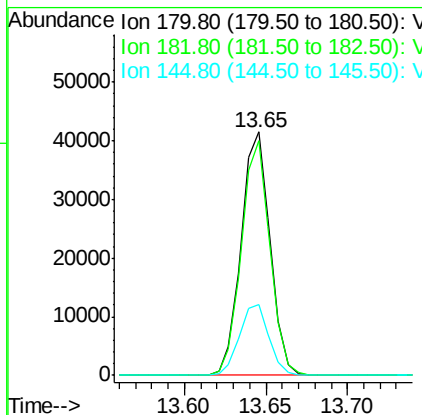
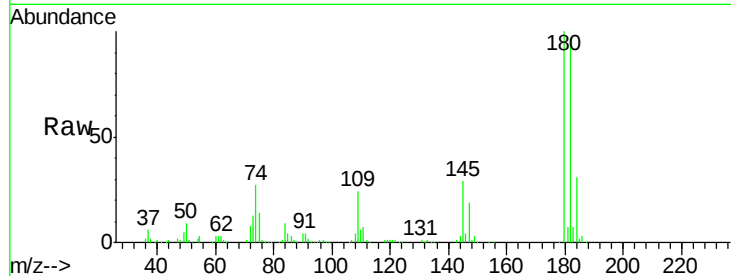
#93
 1,2,4-Trichlorobenzene
 Concen: 18.571 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.2	141.6
145	29.8	15.3	45.9

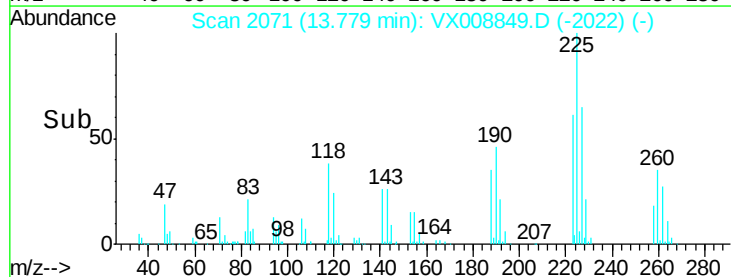
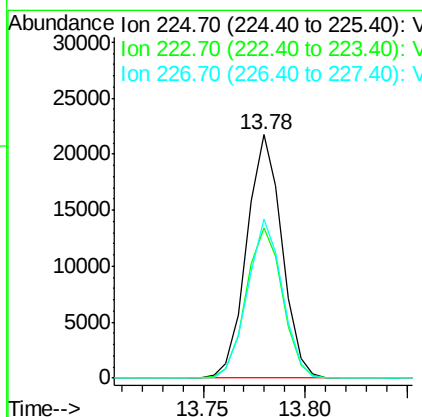
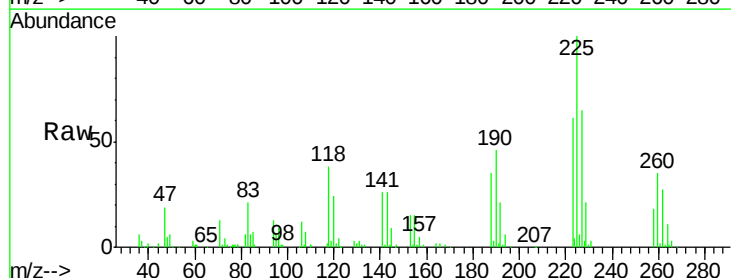
Manual Integrations
 APPROVED

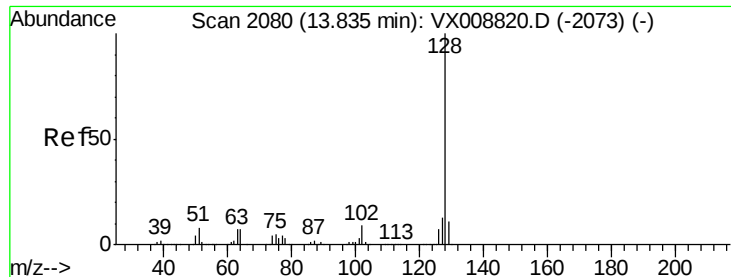
MMDadoda
 4/12/2019 9:45:46 AM



#94
 Hexachlorobutadiene
 Concen: 19.605 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008849.D
 Acq: 11 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.2	93.6
227	64.8	31.9	95.5





#95

Naphthalene

Concen: 18.369 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Instrument :

MSVOA_X

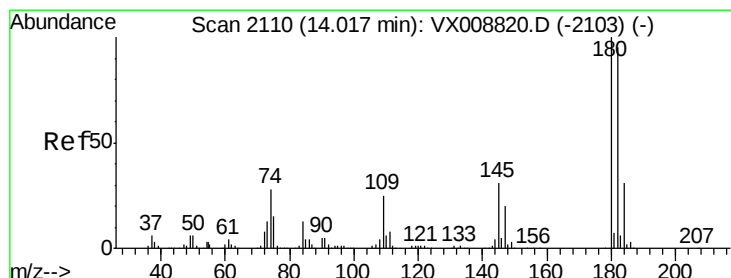
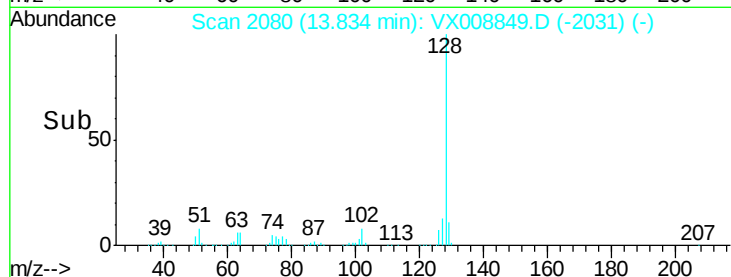
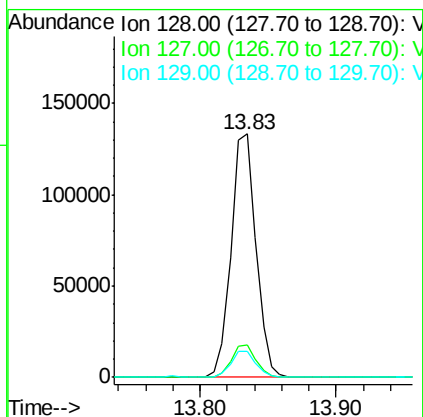
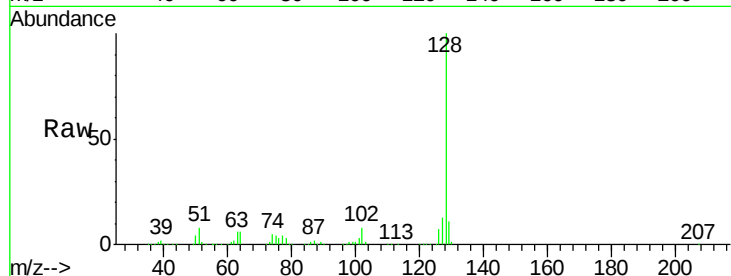
ClientSampleId :

VX0411WBS01

Tot Ion:	128	Resp:	169574
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

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4/12/2019 9:45:46 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.438 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008849.D

Acq: 11 Apr 2019 14:11

Tgt Ion:	180	Resp:	50884
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.1	144.3
145	31.5	16.3	48.8

