

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009393.D
 Acq On : 08 May 2019 13:13
 Operator : JC/SP
 Sample : VX0508WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/9/2019 9:49:20 AM

Quant Time: May 09 06:46:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	170076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	263540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107034	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
35) Dibromofluoromethane	5.49	113	79625	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.71	98	322167	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	11.13	95	116751	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34333	21.906	ug/l	100
3) Chloromethane	1.32	50	47292	22.102	ug/l	100
4) Vinyl Chloride	1.40	62	49452	23.701	ug/l	97
5) Bromomethane	1.64	94	26783	21.386	ug/l	99
6) Chloroethane	1.71	64	34575	25.810	ug/l	95
7) Trichlorofluoromethane	1.92	101	60815	23.978	ug/l	99
8) Diethyl Ether	2.18	74	27447	22.846	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38317	24.058	ug/l	99
10) Methyl Iodide	2.51	142	30735	19.677	ug/l	100
11) Tert butyl alcohol	3.04	59	62230	115.793	ug/l	100
12) 1,1-Dichloroethene	2.37	96	37790	23.681	ug/l	98
13) Acrolein	2.29	56	38793	79.705	ug/l	99
14) Allyl chloride	2.72	41	88885	22.856	ug/l	100
15) Acrylonitrile	3.14	53	150133	114.252	ug/l	99
16) Acetone	2.44	43	142731	114.489	ug/l	97
17) Carbon Disulfide	2.56	76	110568	24.679	ug/l	99
18) Methyl Acetate	2.77	43	62809	21.184	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	142037	22.921	ug/l	100
20) Methylene Chloride	2.85	84	45121	22.353	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	40869	23.615	ug/l	97
22) Diisopropyl ether	3.85	45	171871	22.981	ug/l	98
23) Vinyl Acetate	3.81	43	768525	120.001	ug/l	100
24) 1,1-Dichloroethane	3.69	63	83991	22.765	ug/l	99
25) 2-Butanone	4.67	43	228388	117.889	ug/l	99
26) 2,2-Dichloropropane	4.58	77	62176	22.641	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	48669	23.560	ug/l	96
28) Bromochloromethane	5.01	49	29461	18.087	ug/l	99
29) Tetrahydrofuran	5.13	42	148495	119.115	ug/l	99
30) Chloroform	5.21	83	76428	22.904	ug/l	96
31) Cyclohexane	5.57	56	82586	24.060	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	63250	22.770	ug/l	100
36) 1,1-Dichloropropene	5.79	75	58810	24.013	ug/l	98
37) Ethyl Acetate	4.83	43	84029	24.625	ug/l	99
38) Carbon Tetrachloride	5.78	117	53330	23.967	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75274	25.027	ug/l	98
40) Benzene	6.14	78	182912	24.132	ug/l	99
41) Methacrylonitrile	5.04	41	46801	23.040	ug/l	98
42) 1,2-Dichloroethane	6.19	62	65432	24.065	ug/l	100
43) Isopropyl Acetate	6.44	43	131194	24.036	ug/l	100
44) Trichloroethene	7.21	130	43679	23.837	ug/l	100
45) 1,2-Dichloropropane	7.51	63	51316	23.910	ug/l	100
46) Dibromomethane	7.66	93	29181	23.414	ug/l	99
47) Bromodichloromethane	7.90	83	58127	23.381	ug/l	97
48) Methyl methacrylate	7.77	41	65770	24.288	ug/l	99
49) 1,4-Dioxane	7.73	88	26439	481.436	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	432091	121.115	ug/l	100
52) Toluene	8.78	92	111266	24.149	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	66912	23.839	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	74953	24.126	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43920	23.365	ug/l	93
56) Ethyl methacrylate	9.18	69	79764	23.772	ug/l	99
57) 1,3-Dichloropropane	9.37	76	79240	23.955	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	172591	96.961	ug/l	100
59) 2-Hexanone	9.49	43	336528	120.105	ug/l	100
60) Dibromochloromethane	9.58	129	43781	23.847	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45574	24.019	ug/l	99
64) Tetrachloroethene	9.34	164	40567	24.928	ug/l	97
65) Chlorobenzene	10.13	112	113145	23.841	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	40761	23.690	ug/l	99
67) Ethyl Benzene	10.25	91	210989	24.157	ug/l	100
68) m/p-Xylenes	10.36	106	154999	48.562	ug/l	98
69) o-Xylene	10.69	106	74115	23.535	ug/l	98
70) Styrene	10.71	104	131532	24.031	ug/l	100
71) Bromoform	10.85	173	33004	23.604	ug/l #	100
73) Isopropylbenzene	11.02	105	202021	23.824	ug/l	100
74) N-amyl acetate	10.90	43	113300	22.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73093	23.123	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	63769m	23.575	ug/l	
77) Bromobenzene	11.25	156	49093	23.326	ug/l	100
78) n-propylbenzene	11.36	91	233811	24.144	ug/l	100
79) 2-Chlorotoluene	11.42	91	139916	23.418	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	171861	24.071	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24055	22.754	ug/l	97
82) 4-Chlorotoluene	11.51	91	158074	23.420	ug/l	100
83) tert-Butylbenzene	11.77	119	162459	23.390	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	173323	24.185	ug/l	99
85) sec-Butylbenzene	11.94	105	197785	24.019	ug/l	100
86) p-Isopropyltoluene	12.06	119	178163	24.067	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	88076	23.475	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	86795	22.946	ug/l	98
89) n-Butylbenzene	12.38	91	160375	23.969	ug/l	99
90) Hexachloroethane	12.59	117	28855	22.879	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	89160	23.331	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16493	23.258	ug/l	99

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VX0508WBS01

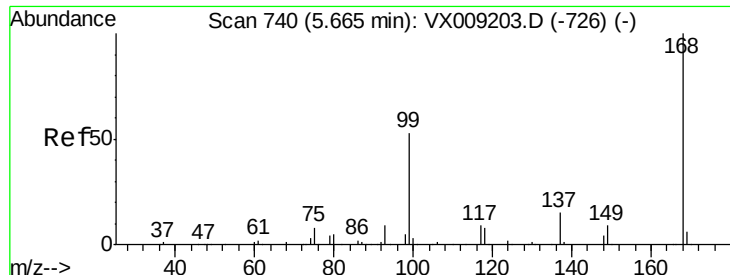
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62127	23.773	ug/l	100
94) Hexachlorobutadiene	13.78	225	32001	23.980	ug/l	98
95) Naphthalene	13.83	128	208810	24.560	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64621	24.394	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

Tot Ion:168 Resp: 170076

Ion Ratio Lower Upper

168 100

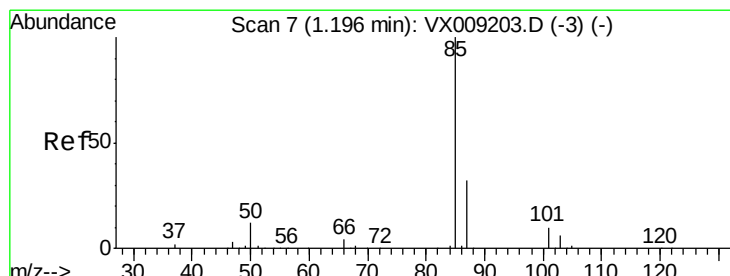
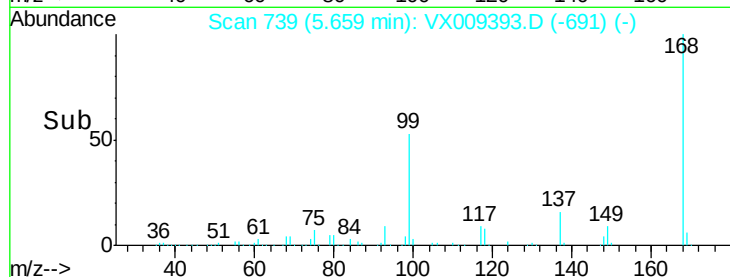
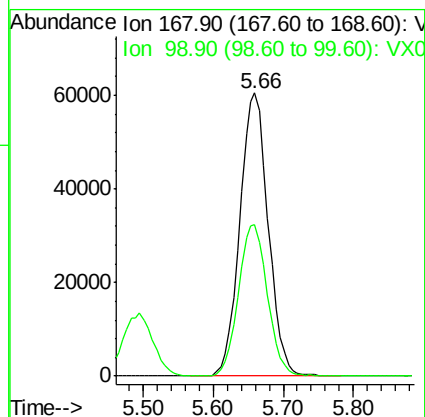
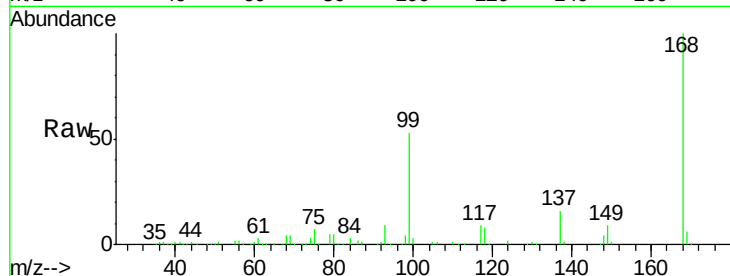
99 53.3 42.3 63.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 21.906 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009393.D

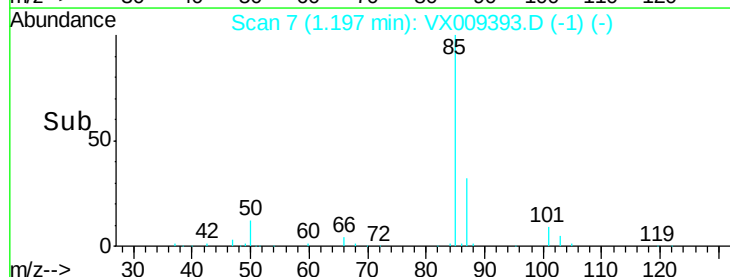
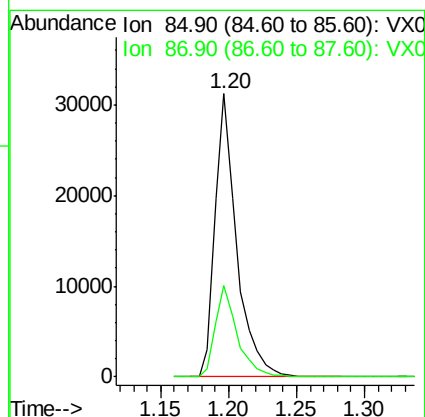
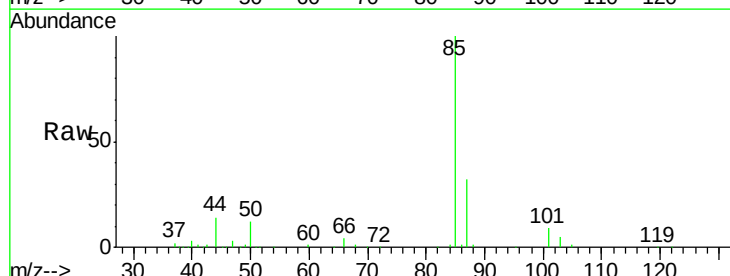
Acq: 08 May 2019 13:13

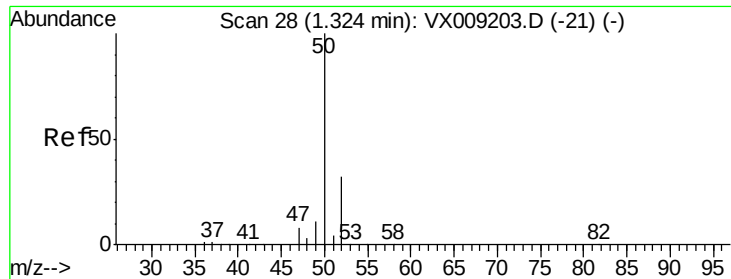
Tgt Ion: 85 Resp: 34333

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.3





#3

Chloromethane

Concen: 22.102 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampled :

VX0508WBS01

Tot Ion: 50 Resp: 47292

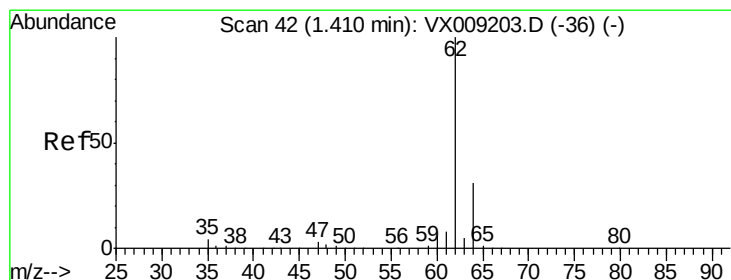
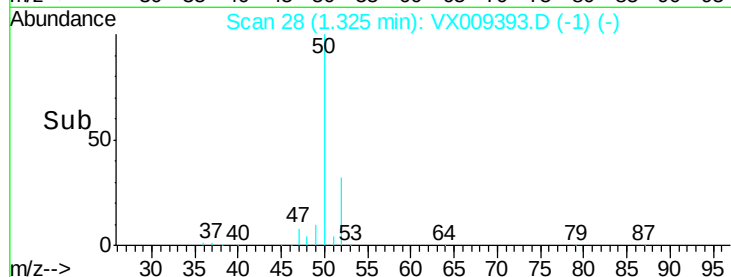
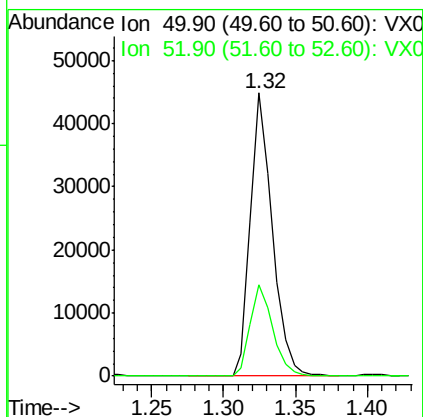
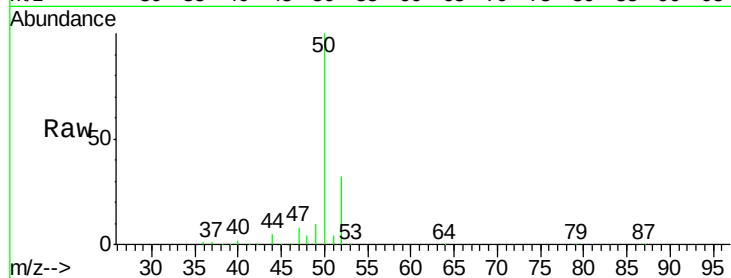
Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 23.701 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009393.D

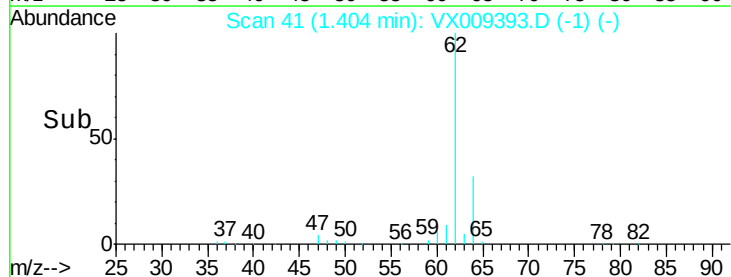
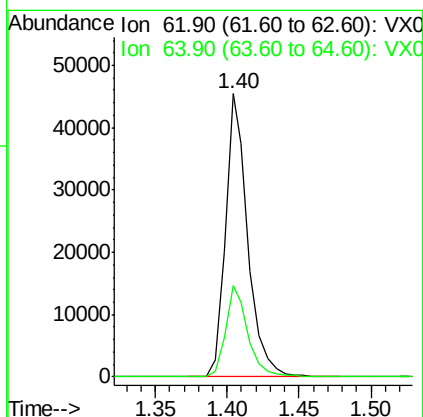
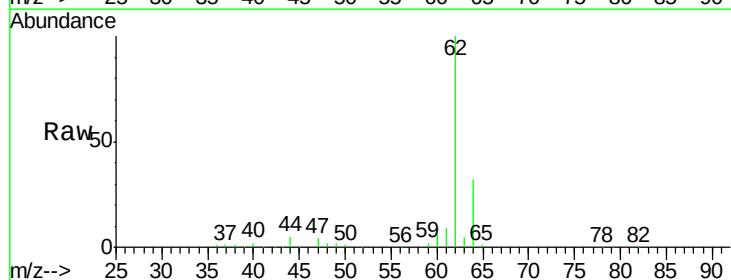
Acq: 08 May 2019 13:13

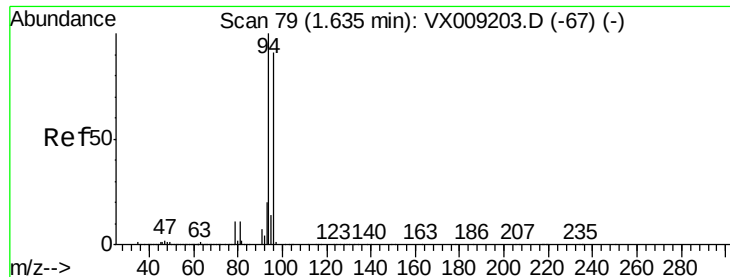
Tgt Ion: 62 Resp: 49452

Ion Ratio Lower Upper

62 100

64 32.1 24.6 36.8





#5

Bromomethane

Concen: 21.386 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

Tot Ion: 94 Resp: 26783

Ion Ratio Lower Upper

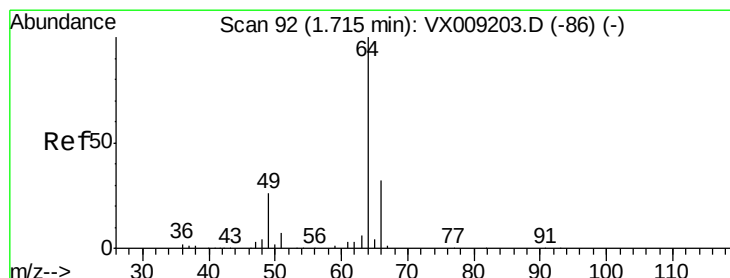
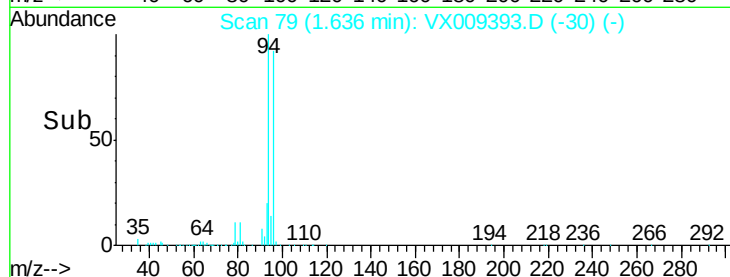
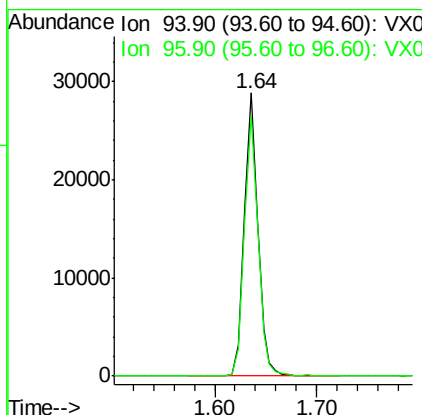
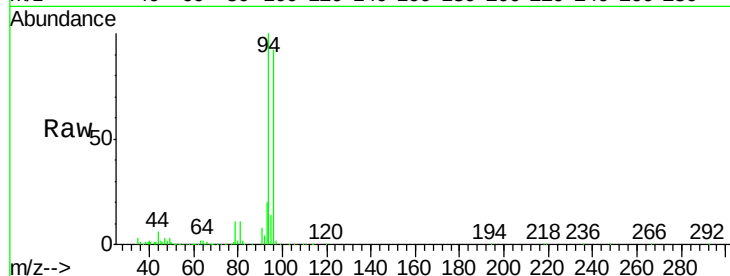
94 100

96 91.9 73.0 109.6

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5/9/2019 9:49:20 AM



#6

Chloroethane

Concen: 25.810 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009393.D

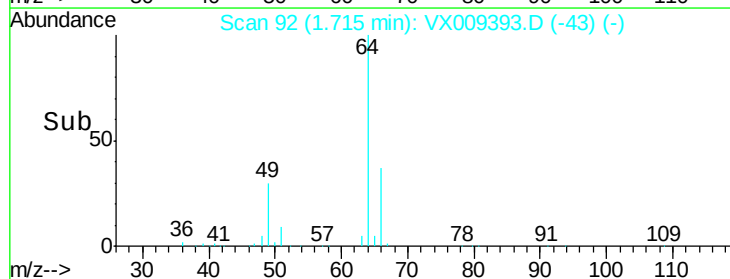
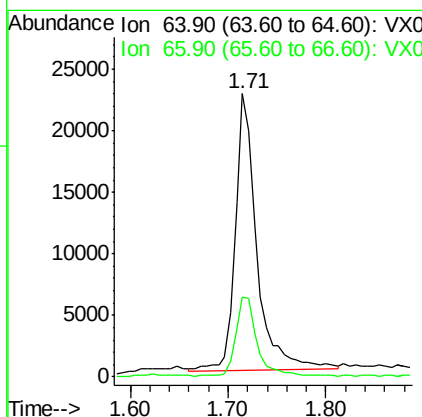
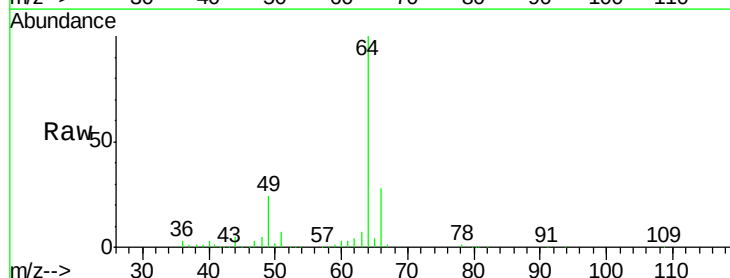
Acq: 08 May 2019 13:13

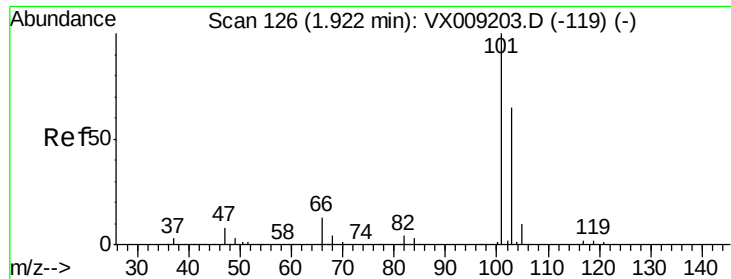
Tgt Ion: 64 Resp: 34575

Ion Ratio Lower Upper

64 100

66 28.6 25.3 37.9





#7

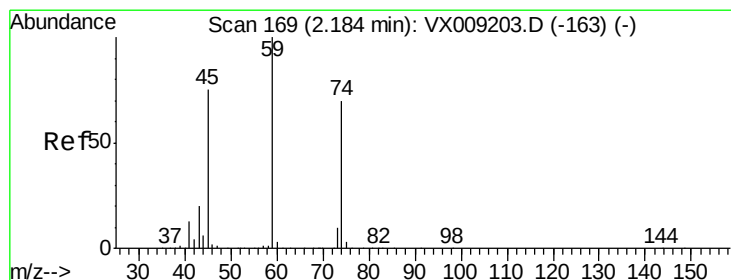
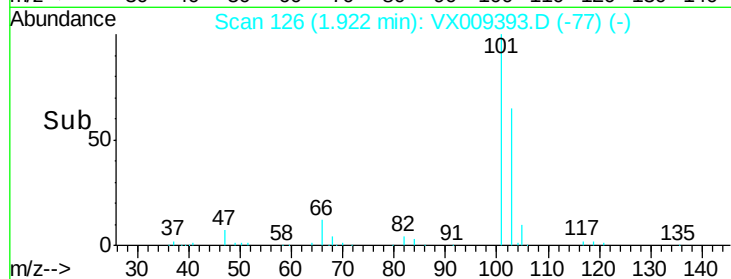
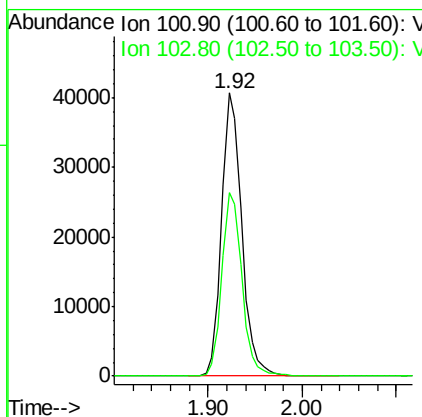
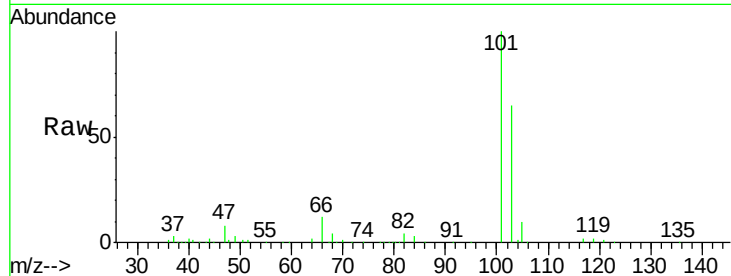
Trichlorofluoromethane
Concen: 23.978 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.4	78.6

Manual Integrations
APPROVED

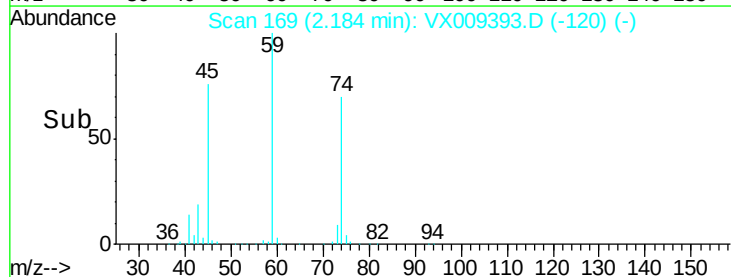
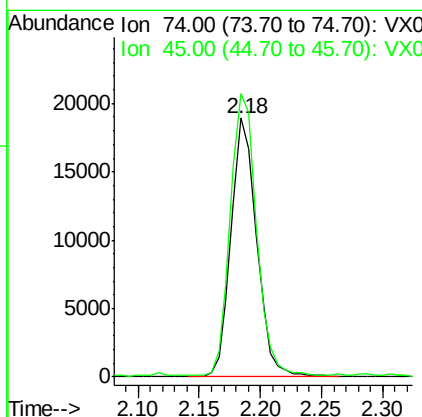
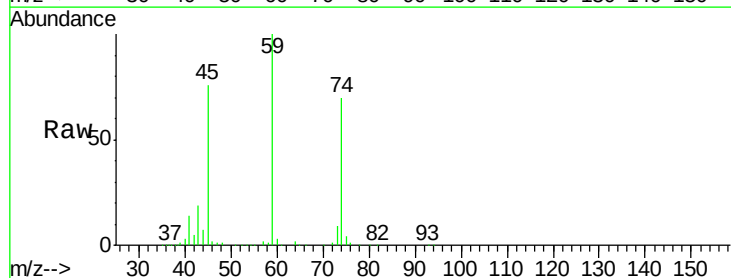
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5/9/2019 9:49:20 AM

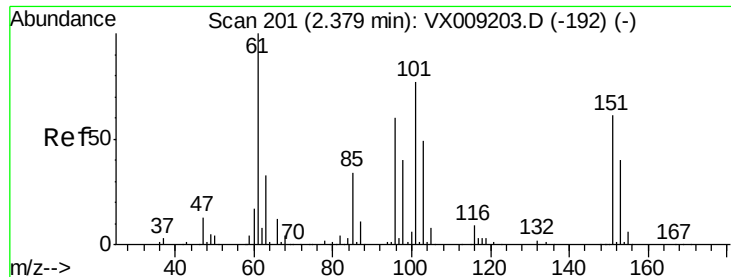


#8

Diethyl Ether
Concen: 22.846 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.3	53.3	159.9





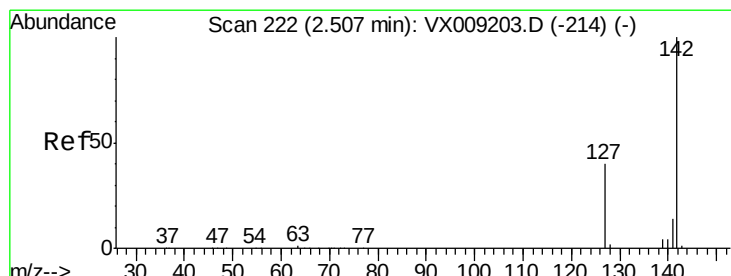
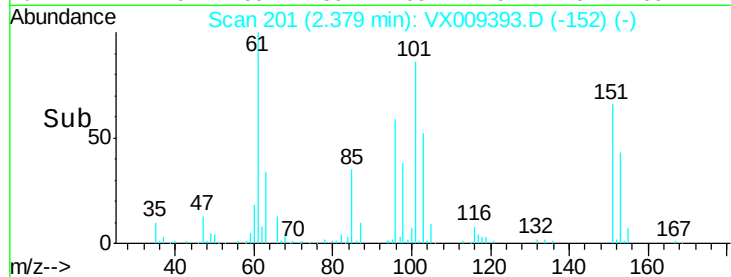
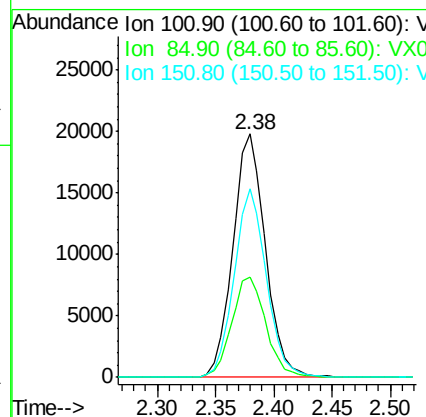
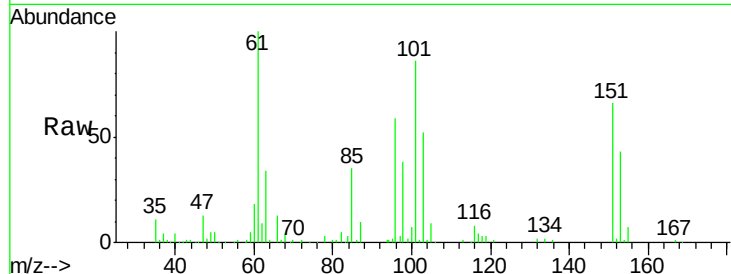
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.058 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampled :
VX0508WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	38317		
85	43.2		35.7	53.5
151	77.1		62.2	93.2

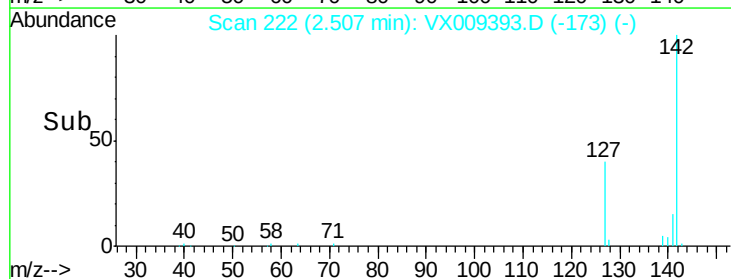
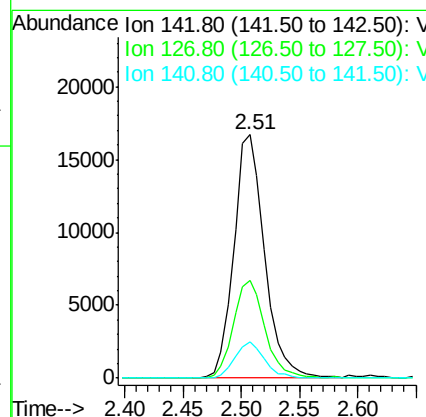
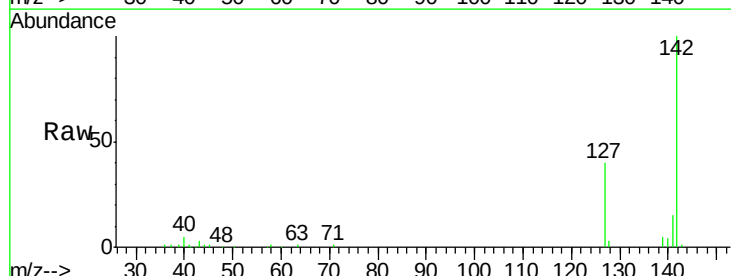
Manual Integrations
APPROVED

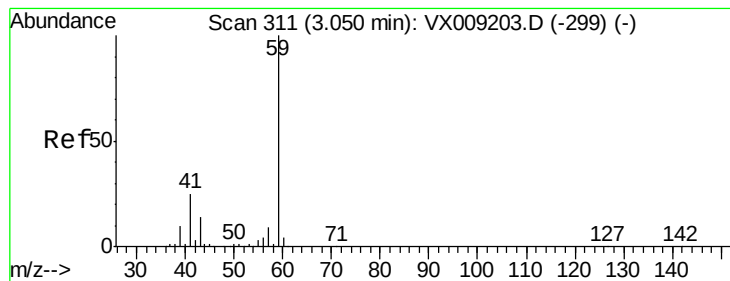
MMDadoda
5/9/2019 9:49:20 AM



#10
Methyl Iodide
Concen: 19.677 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	30735		
127	41.2		32.7	49.1
141	14.2		11.5	17.3





#11

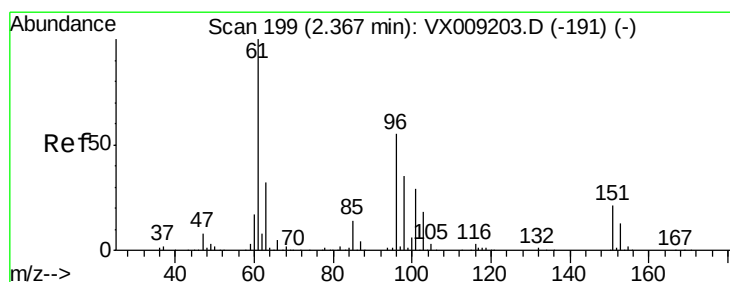
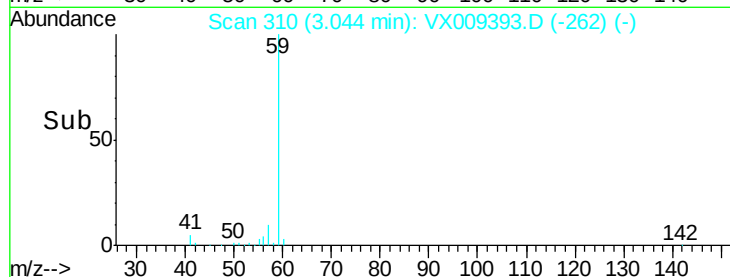
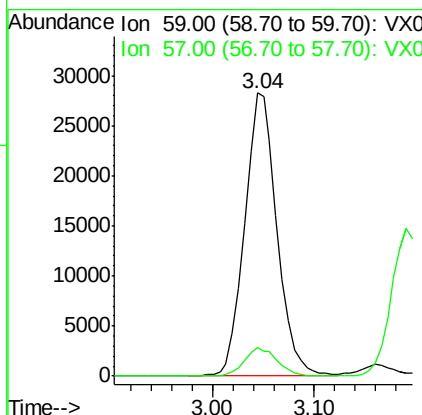
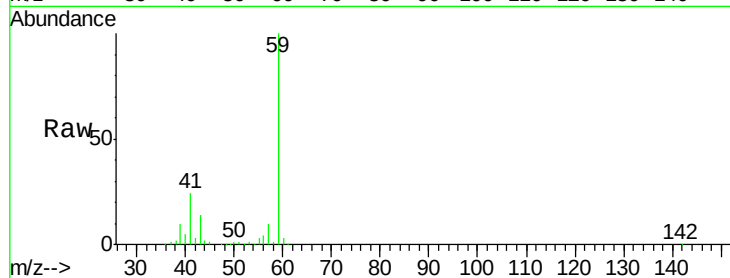
Tert butyl alcohol
 Concen: 115.793 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

Manual Integrations
 APPROVED

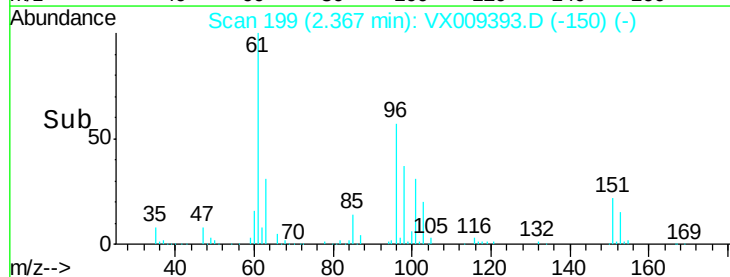
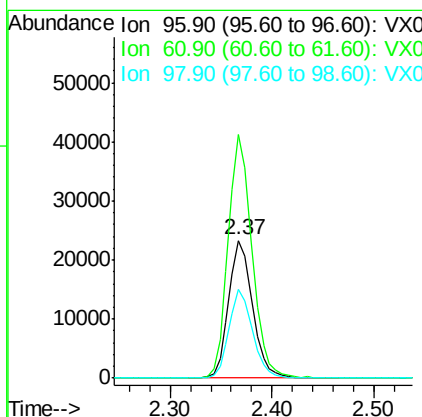
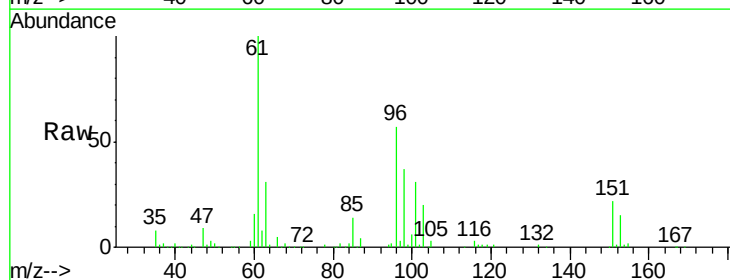
MMDadoda
 5/9/2019 9:49:20 AM

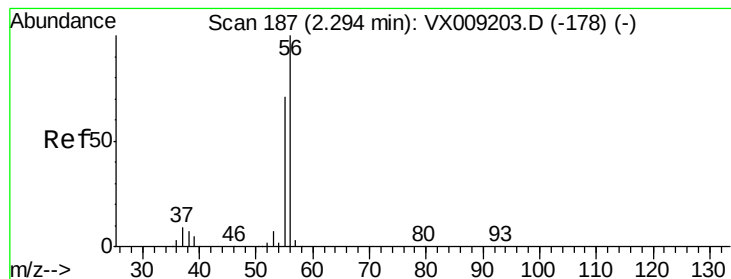


#12

1,1-Dichloroethene
 Concen: 23.681 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.8	144.3	216.5
98	64.6	50.3	75.5





#13

Acrolein

Concen: 79.705 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

Tot Ion: 56 Resp: 38793

Ion Ratio Lower Upper

56 100

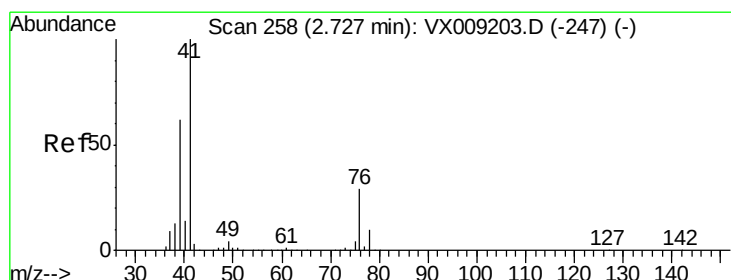
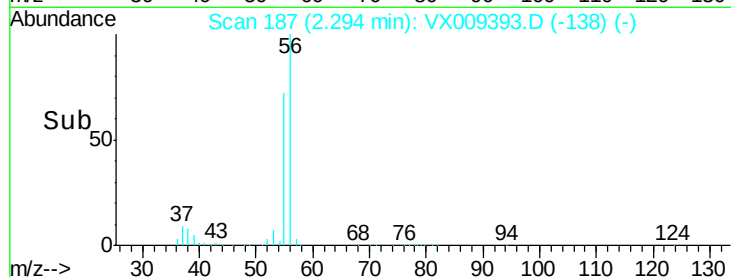
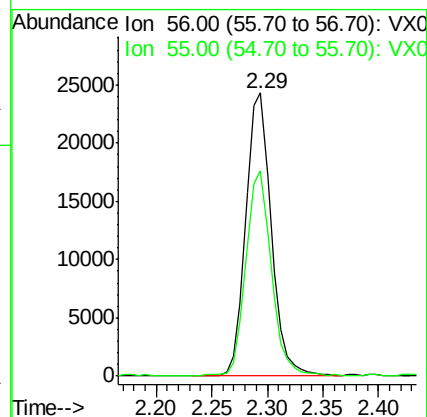
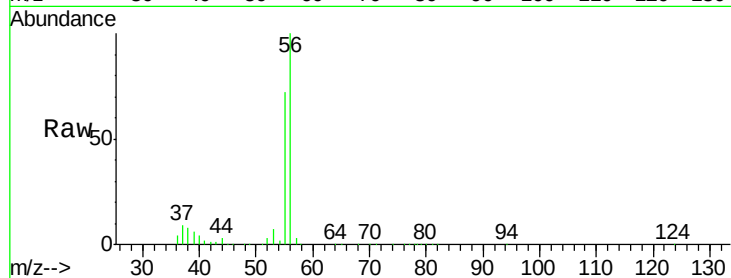
55 71.7 56.6 85.0

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 22.856 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

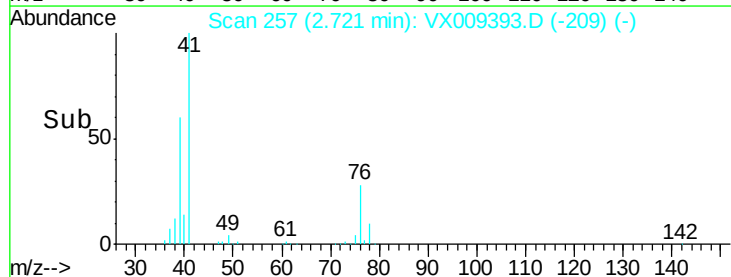
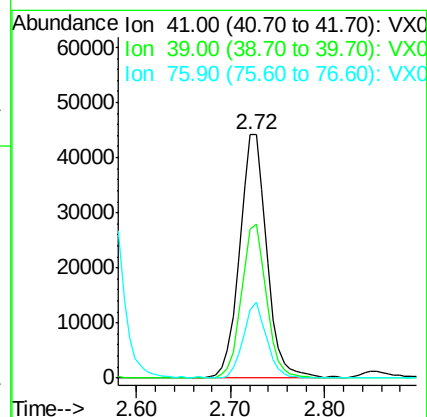
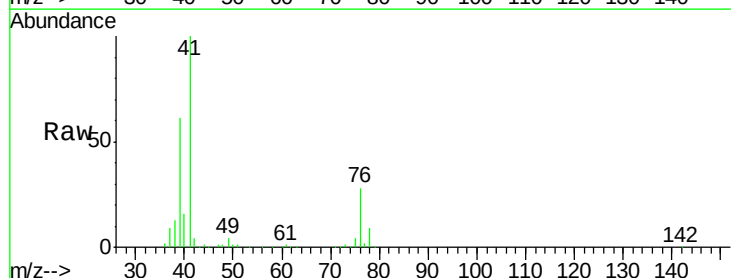
Tgt Ion: 41 Resp: 88885

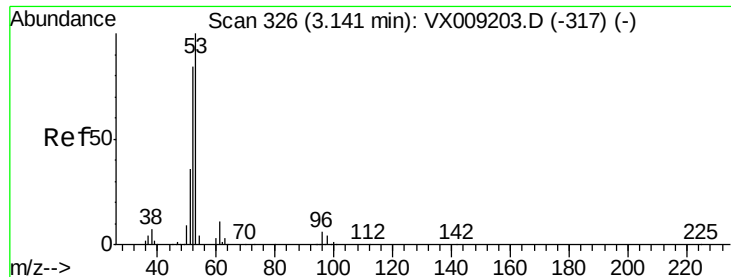
Ion Ratio Lower Upper

41 100

39 58.4 46.7 70.1

76 26.9 21.8 32.8





#15

Acrylonitrile

Concen: 114.252 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

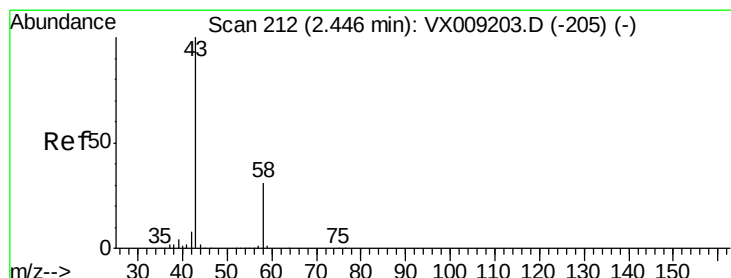
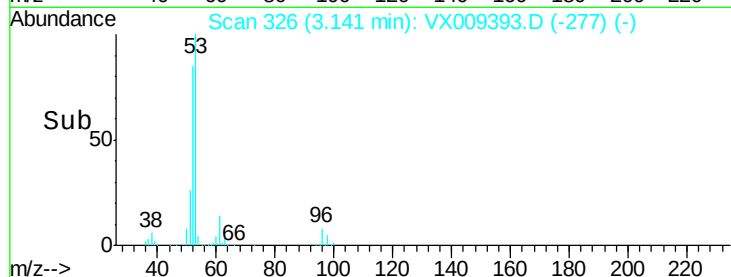
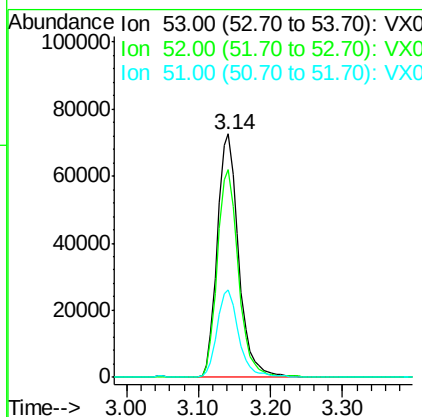
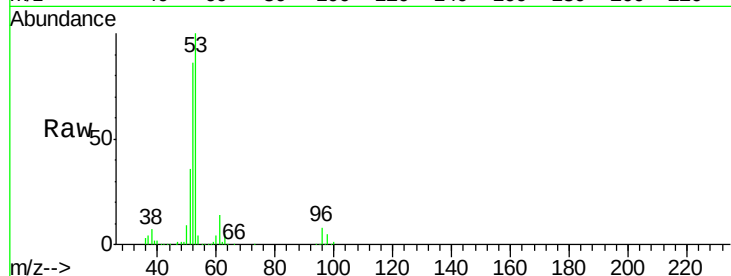
ClientSampled :

VX0508WBS01

Tot Ion:	53	Resp:	150133
Ion Ratio		Lower	Upper
53	100		
52	84.4	66.9	100.3
51	36.1	28.2	42.2

Manual Integrations
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MMDadoda
5/9/2019 9:49:20 AM



#16

Acetone

Concen: 114.489 ug/l

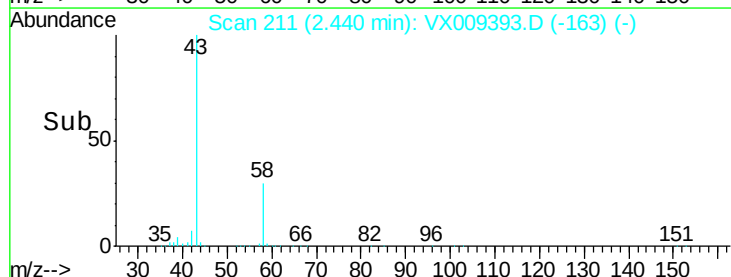
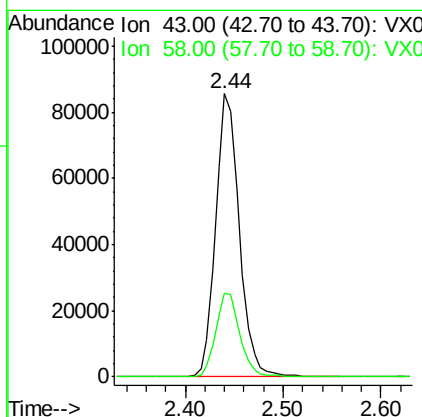
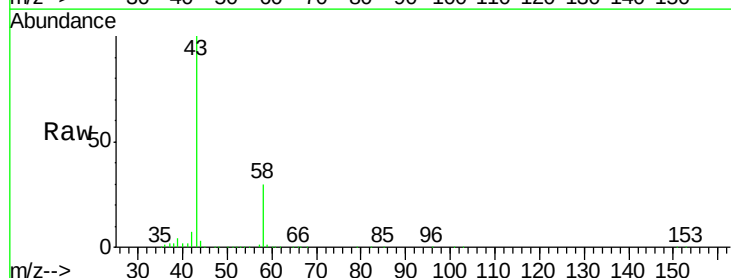
RT: 2.44 min Scan# 211

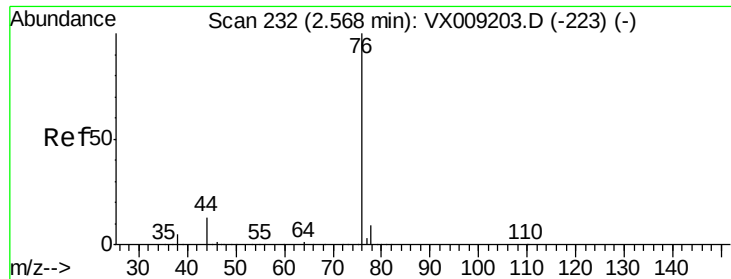
Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Tgt Ion:	43	Resp:	142731
Ion Ratio		Lower	Upper
43	100		
58	29.5	24.9	37.3





#17

Carbon Disulfide

Concen: 24.679 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

Tot Ion: 76 Resp: 110568

Ion Ratio Lower Upper

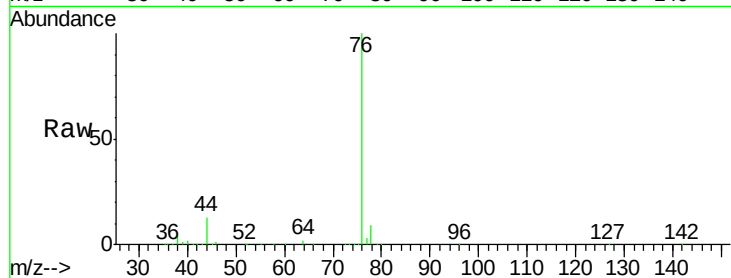
76 100

78 8.8 7.4 11.0

Manual Integrations
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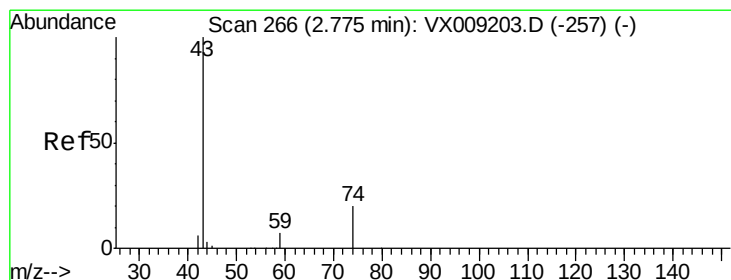
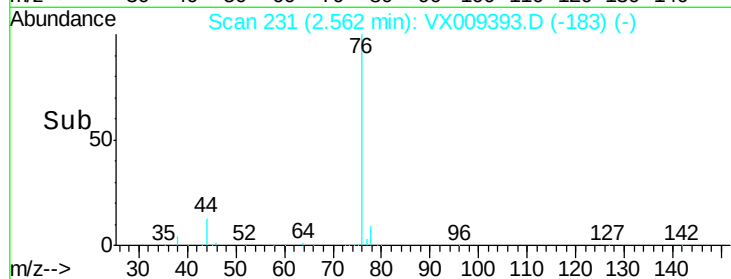
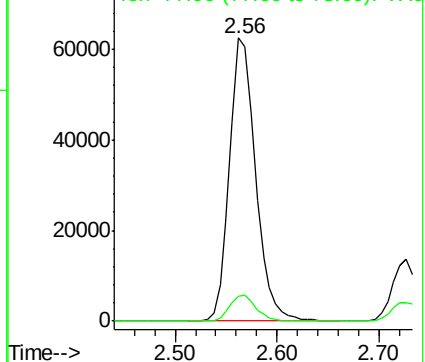
MMDadoda

5/9/2019 9:49:20 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.184 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009393.D

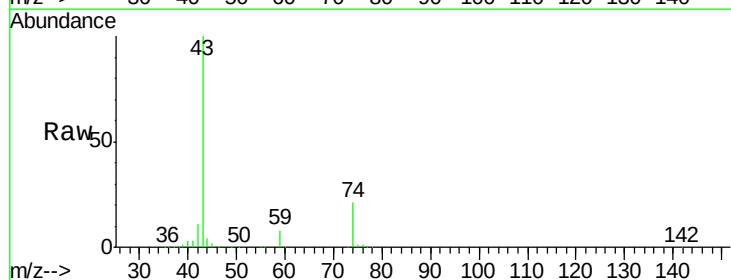
Acq: 08 May 2019 13:13

Tgt Ion: 43 Resp: 62809

Ion Ratio Lower Upper

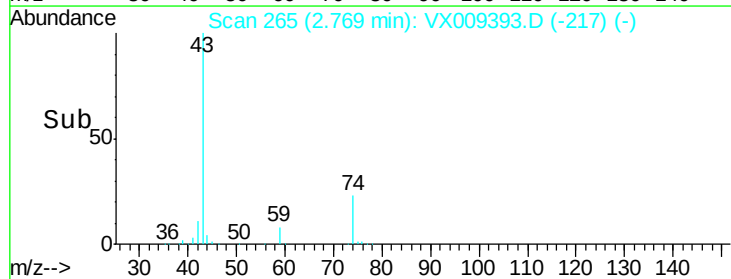
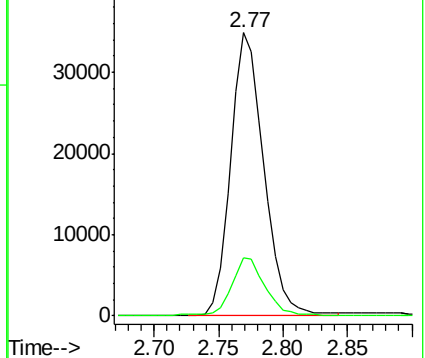
43 100

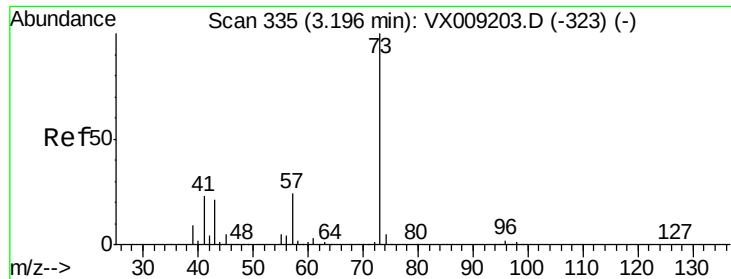
74 20.8 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





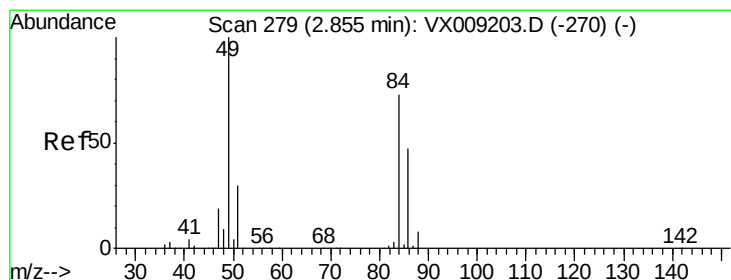
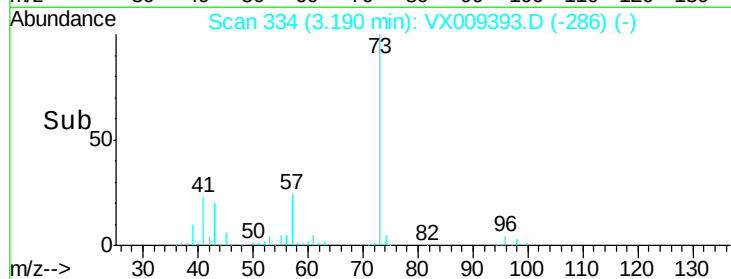
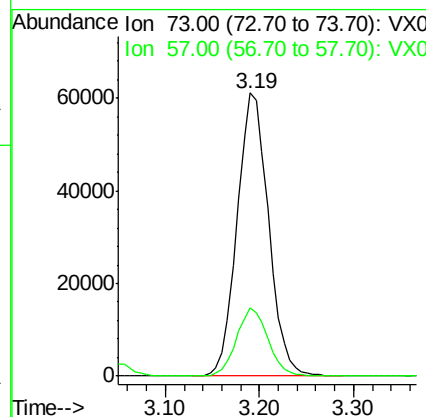
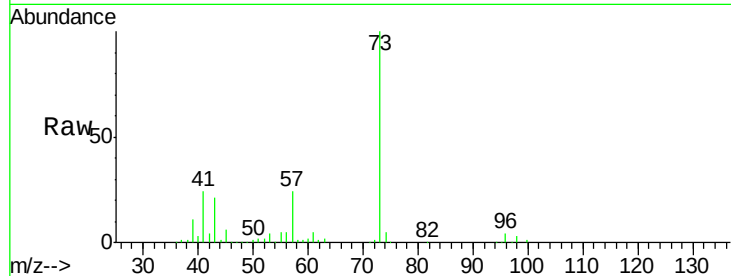
#19
Methyl tert-butyl Ether
Concen: 22.921 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.3	28.9

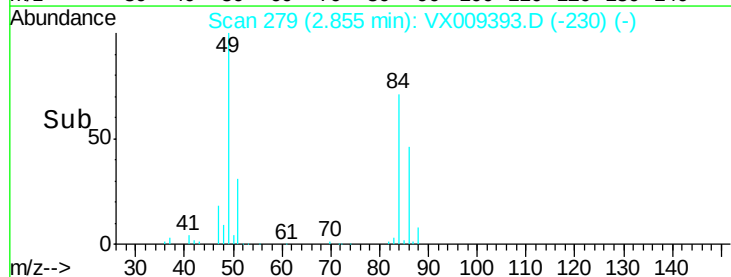
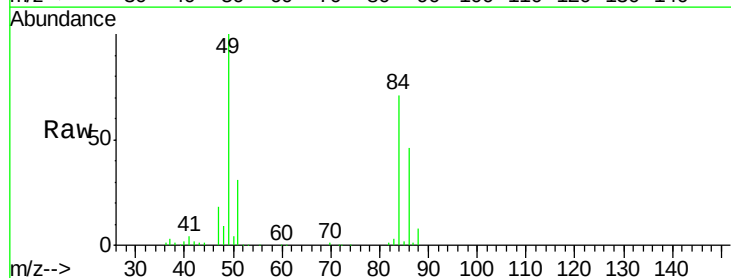
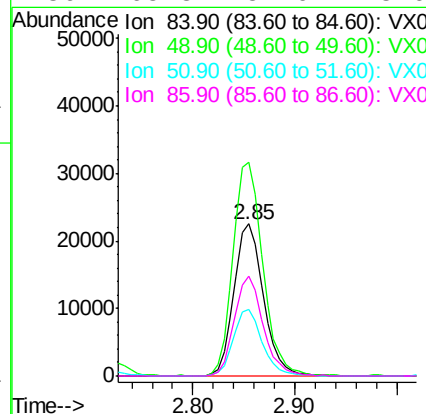
Manual Integrations
APPROVED

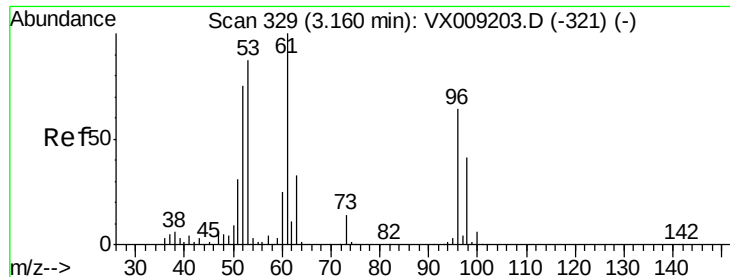
MMDadoda
5/9/2019 9:49:20 AM



#20
Methylene Chloride
Concen: 22.353 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.0	109.9	164.9
51	43.7	32.7	49.1
86	65.3	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 23.615 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

Tot Ion: 96 Resp: 40869

Ion Ratio Lower Upper

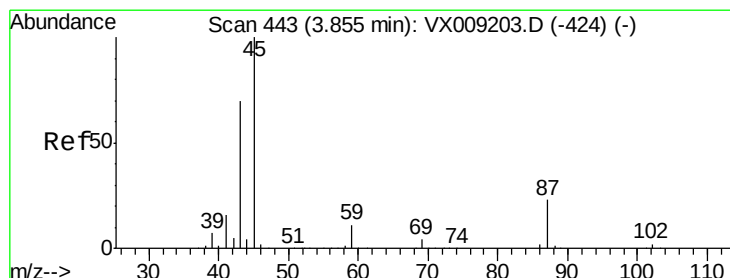
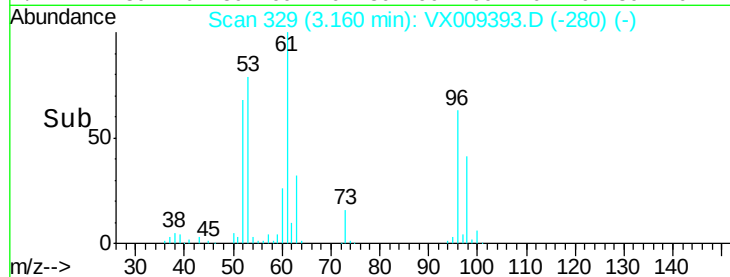
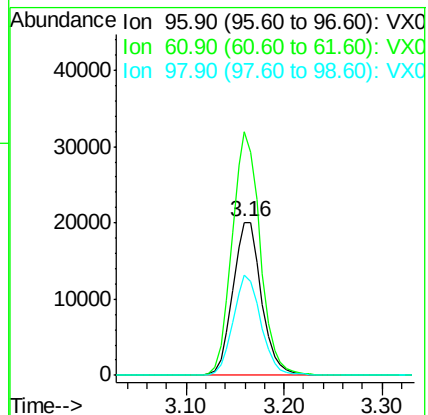
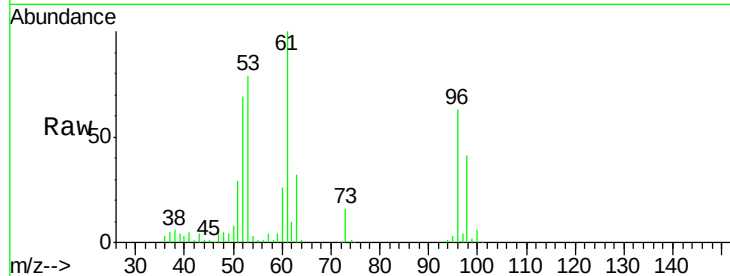
96 100

61 159.2 124.5 186.7

98 65.8 50.4 75.6

Manual Integrations
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MMDadoda
5/9/2019 9:49:20 AM



#22

Diisopropyl ether

Concen: 22.981 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Tgt Ion: 45 Resp: 171871

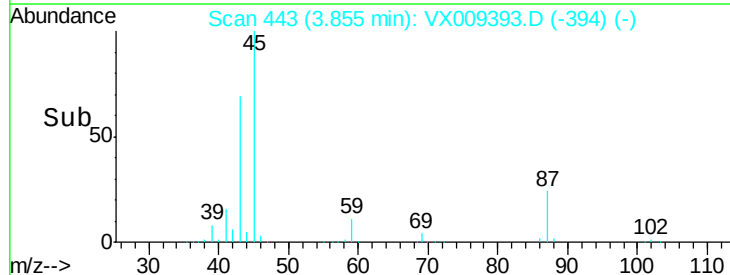
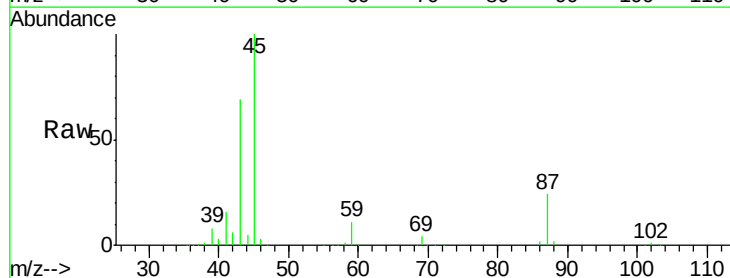
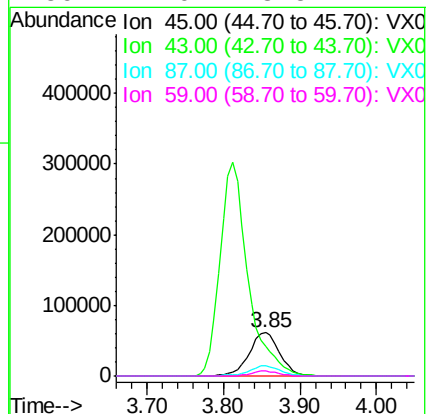
Ion Ratio Lower Upper

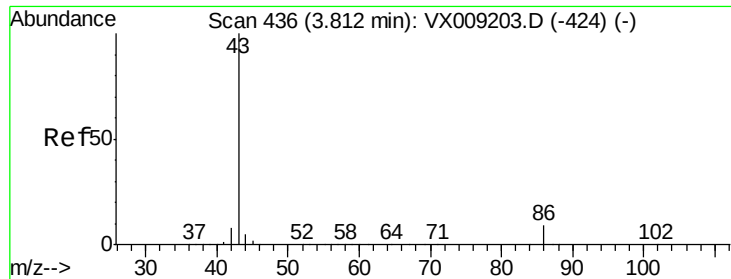
45 100

43 68.4 56.1 84.1

87 23.5 18.1 27.1

59 11.0 8.5 12.7





#23

Vinyl Acetate

Concen: 120.001 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampled :

VX0508WBS01

Tot Ion: 43 Resp: 768525

Ion Ratio Lower Upper

43 100

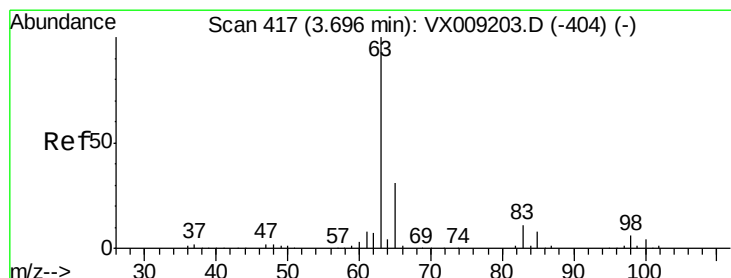
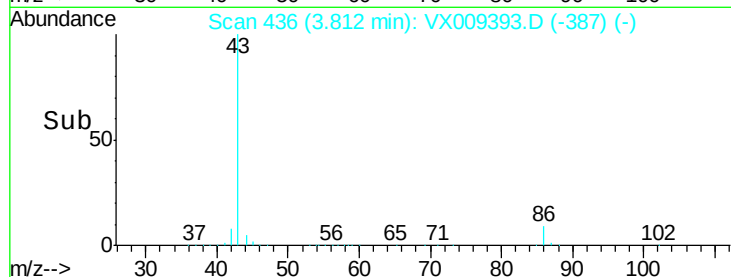
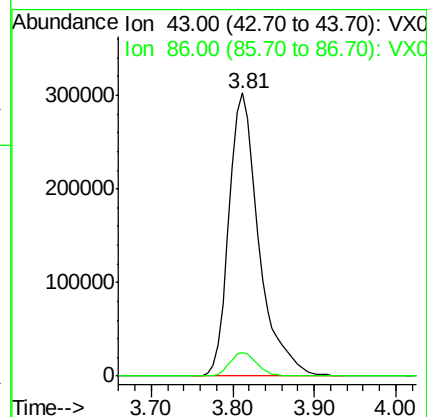
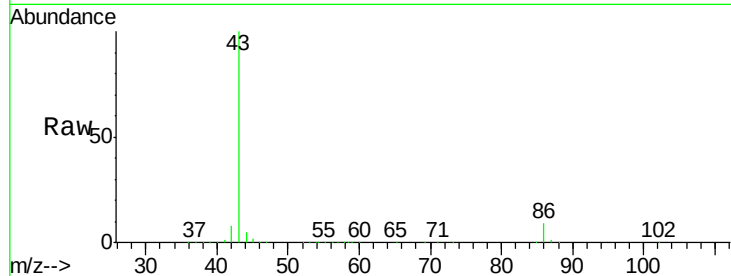
86 8.5 6.9 10.3

Manual Integrations

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MMDadoda

5/9/2019 9:49:20 AM



#24

1,1-Dichloroethane

Concen: 22.765 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

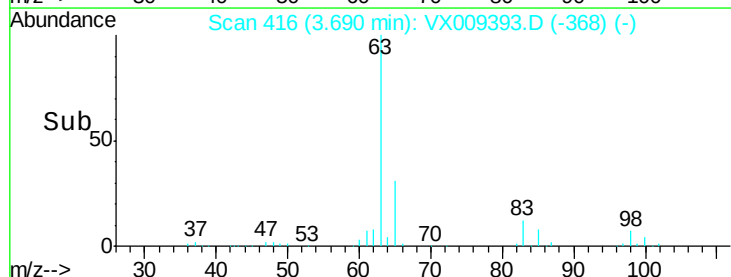
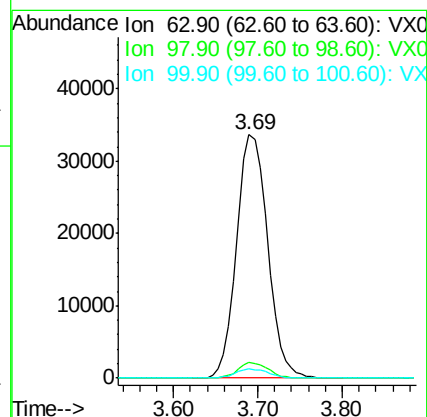
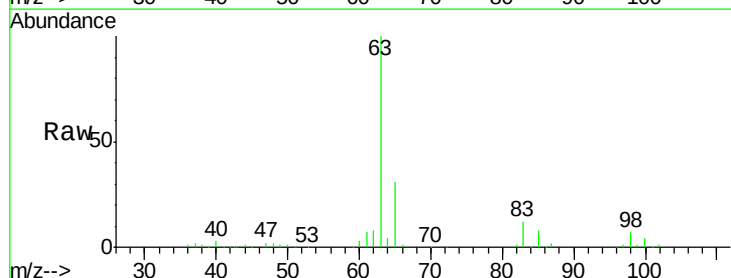
Tgt Ion: 63 Resp: 83991

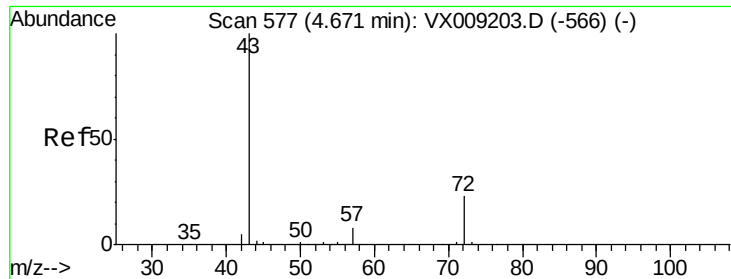
Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 117.889 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampled :

VX0508WBS01

Tot Ion: 43 Resp: 228388

Ion Ratio Lower Upper

43 100

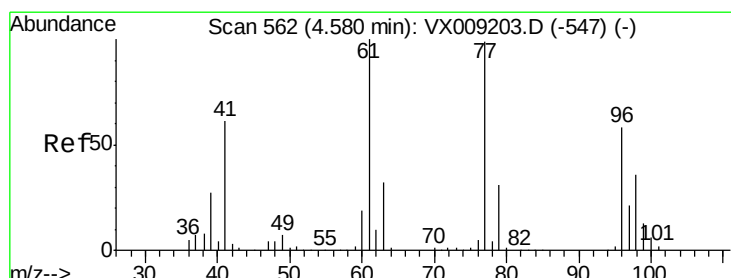
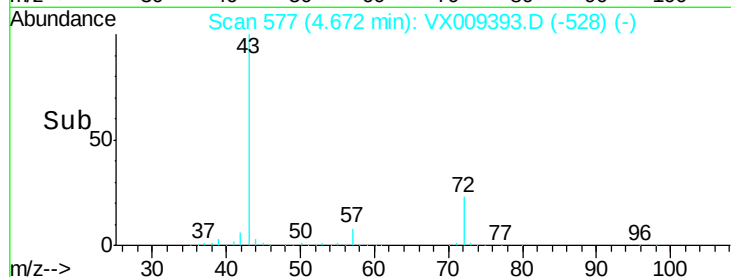
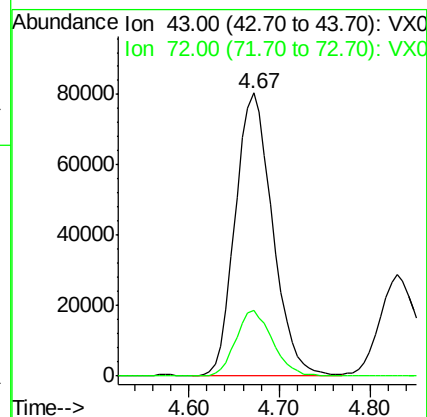
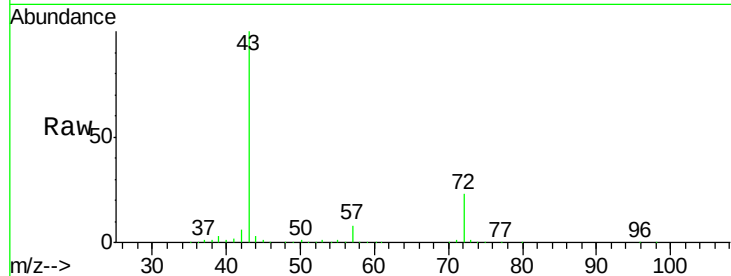
72 23.0 18.2 27.2

Manual Integrations

APPROVED

MMDadoda

5/9/2019 9:49:20 AM



#26

2,2-Dichloropropane

Concen: 22.641 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009393.D

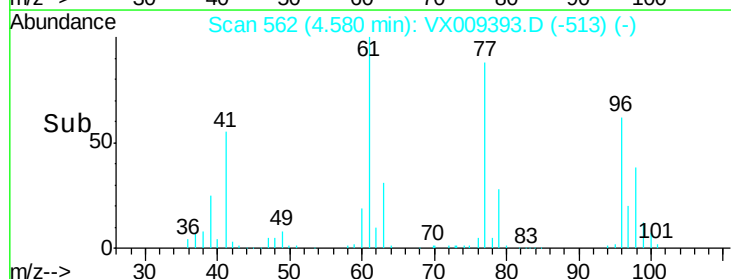
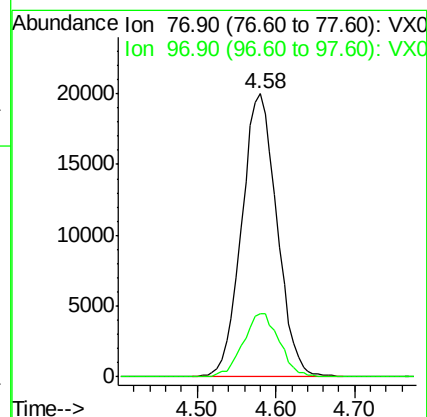
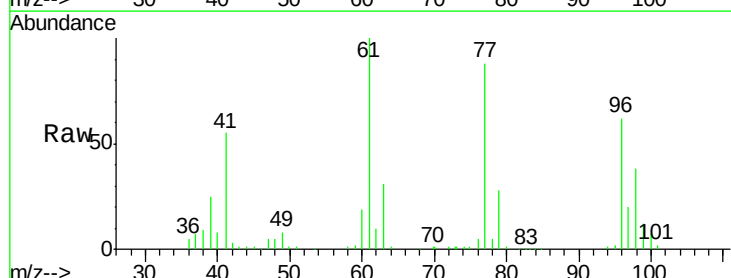
Acq: 08 May 2019 13:13

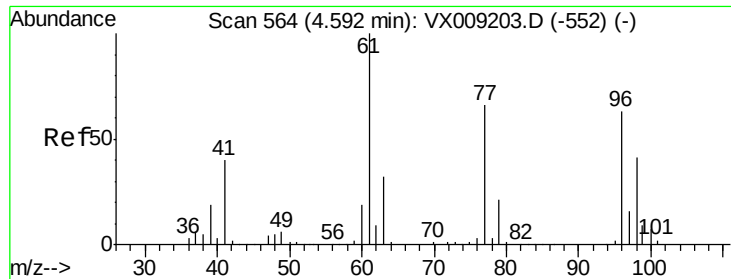
Tgt Ion: 77 Resp: 62176

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

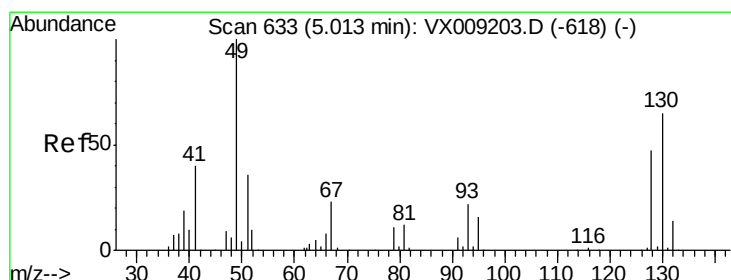
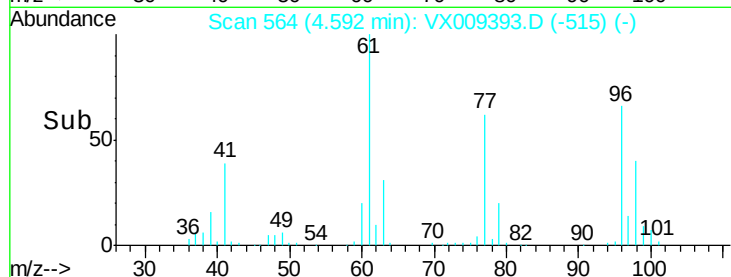
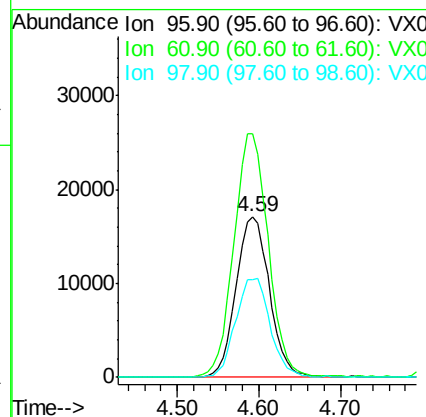
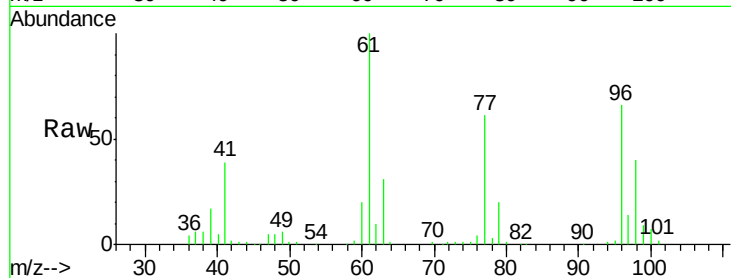
cis-1,2-Dichloroethene
Concen: 23.560 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	48669		
61	156.2	0.0	324.0	
98	63.5	0.0	130.4	

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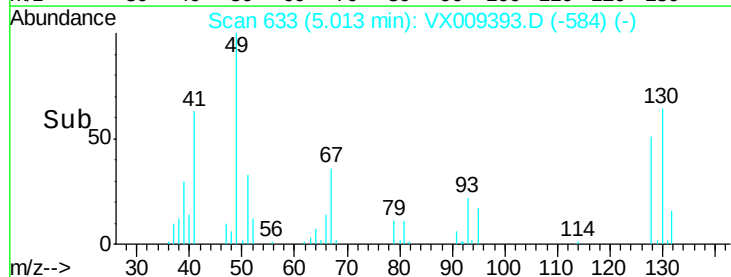
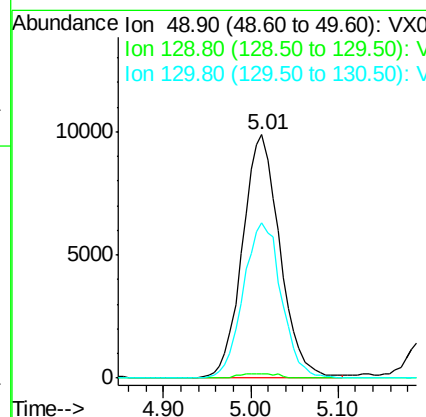
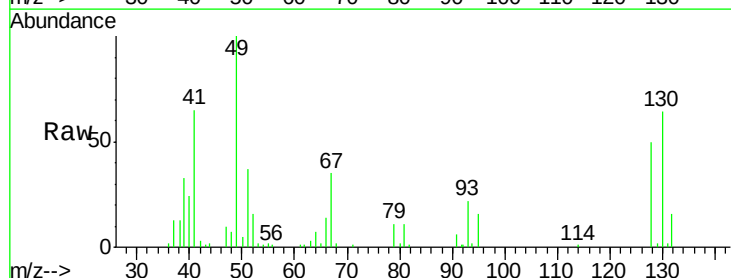
MMDadoda
5/9/2019 9:49:20 AM

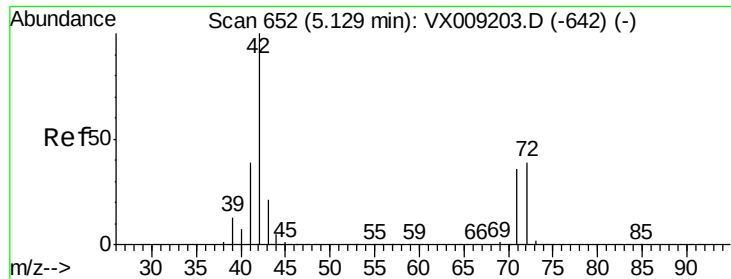


#28

Bromochloromethane
Concen: 18.087 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	29461		
129	1.8	0.0	3.8	
130	64.8	51.2	76.8	





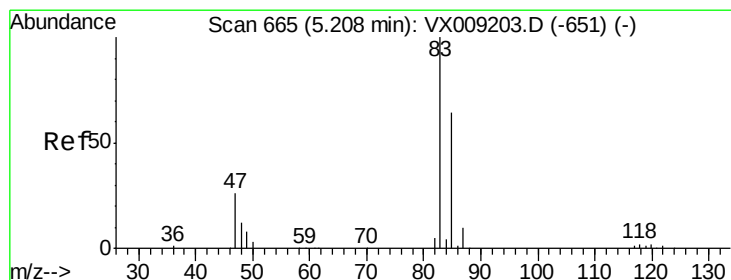
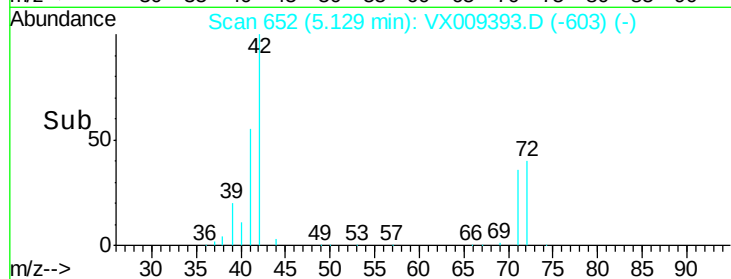
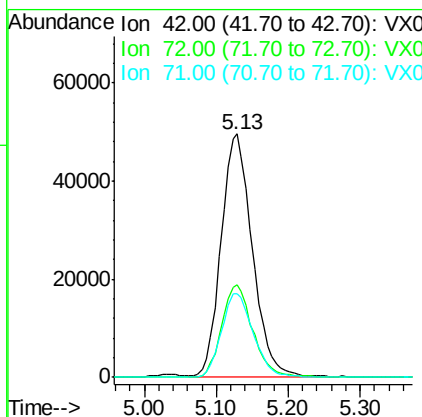
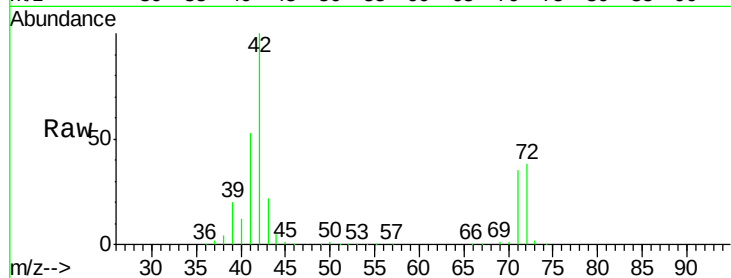
#29
Tetrahydrofuran
Concen: 119.115 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.3	30.4	45.6
71	35.3	28.6	43.0

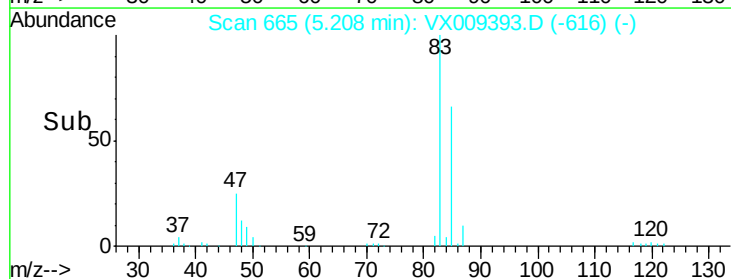
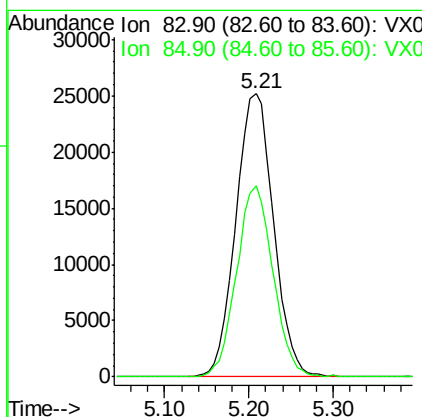
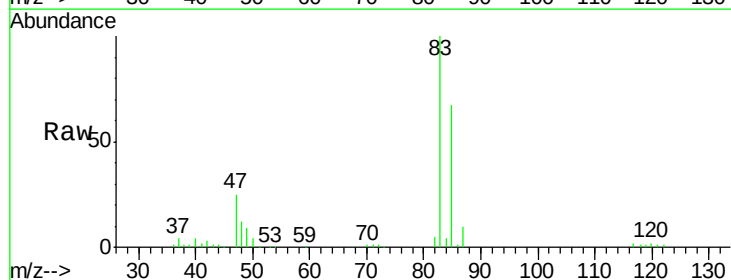
Manual Integrations
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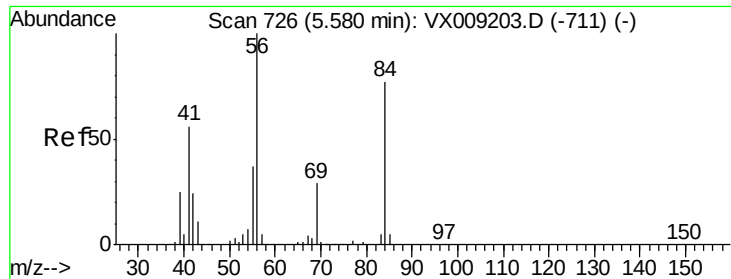
MMDadoda
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#30
Chloroform
Concen: 22.904 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	51.5	77.3





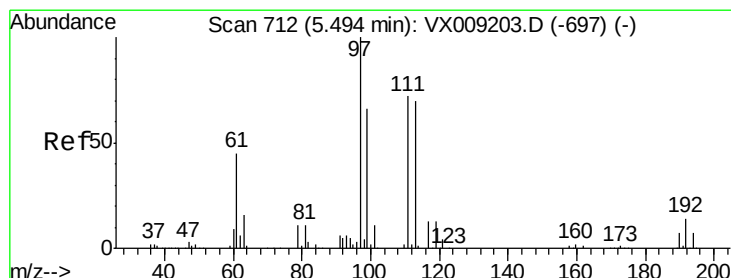
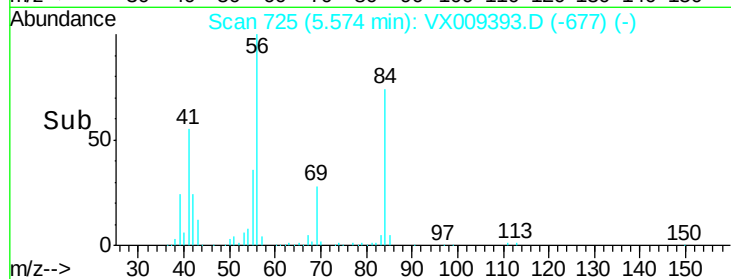
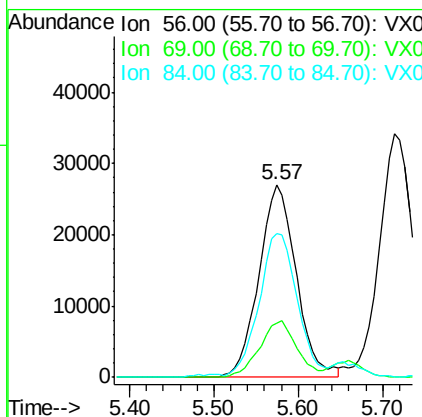
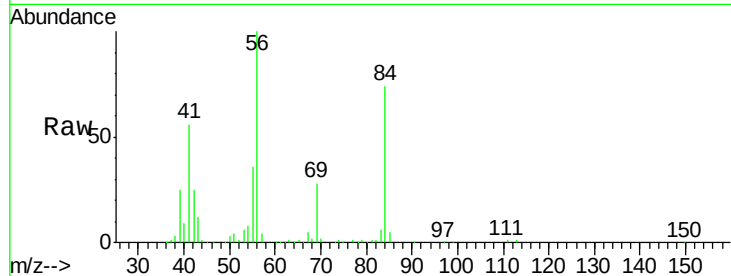
#31
Cyclohexane
Concen: 24.060 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.8	23.4	35.0
84	73.6	61.9	92.9

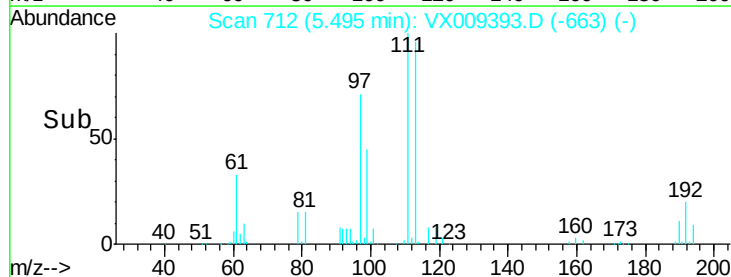
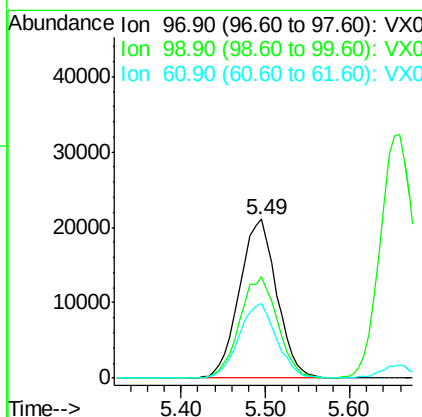
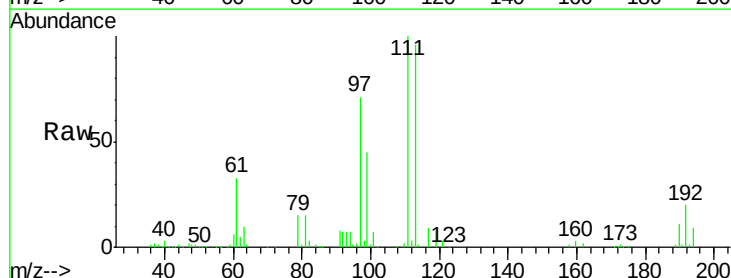
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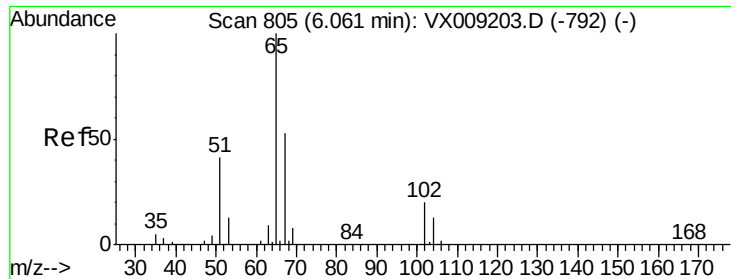
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#32
1,1,1-Trichloroethane
Concen: 22.770 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	47.6	37.8	56.8





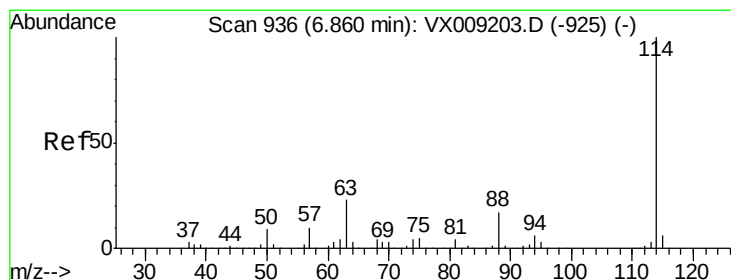
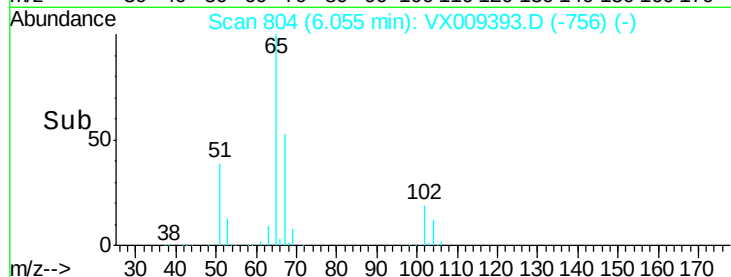
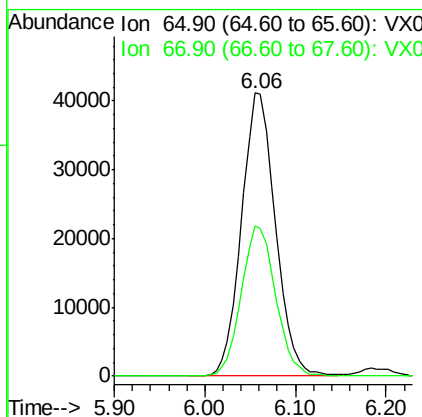
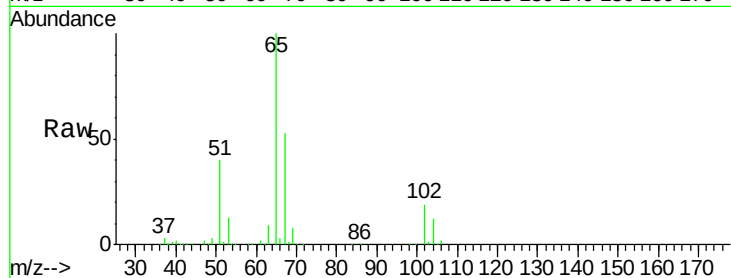
#33
 1,2-Dichloroethane-d4
 Concen: 46.101 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.6

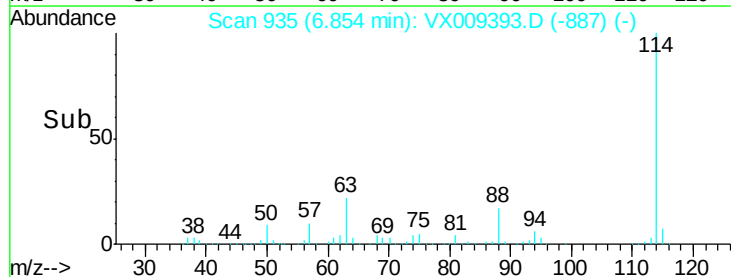
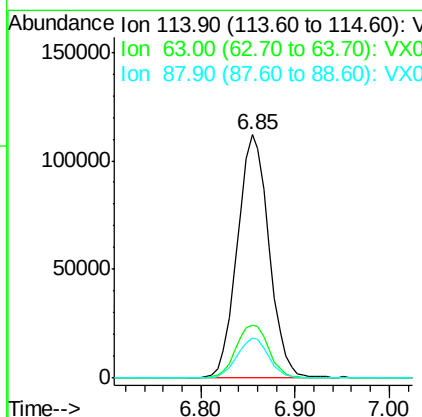
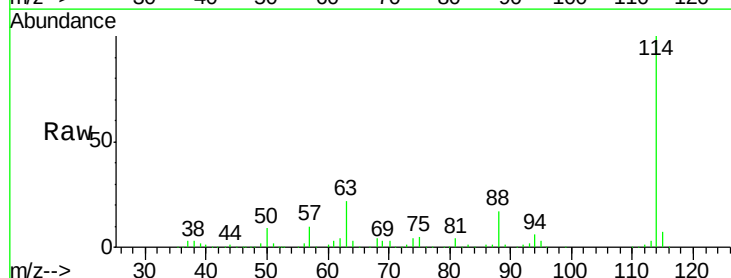
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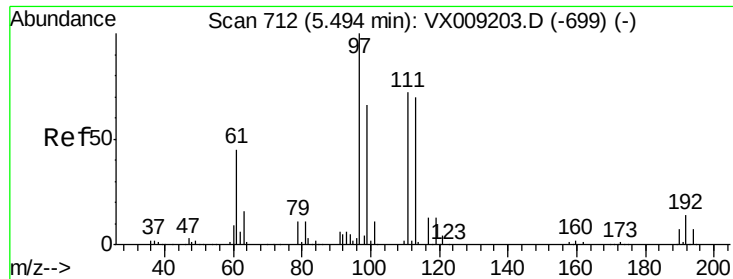
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	45.6
88	16.7	0.0	33.2





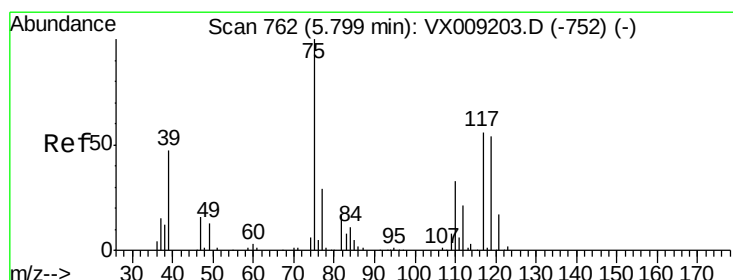
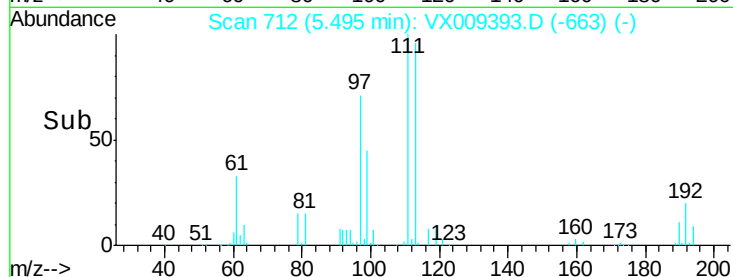
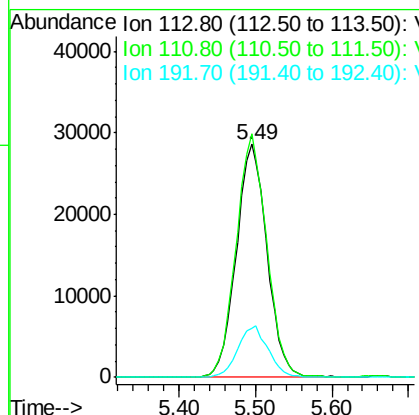
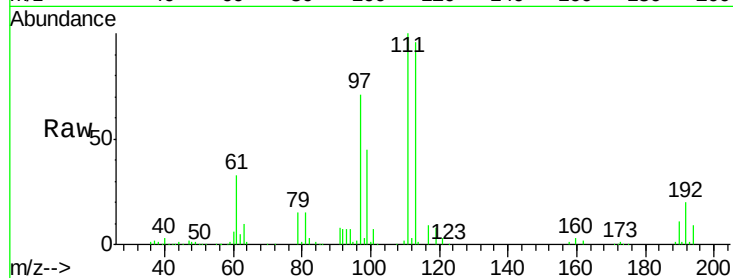
#35
 Dibromofluoromethane
 Concen: 48.062 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	79625		
111	103.9		82.8	124.2
192	21.8		17.0	25.6

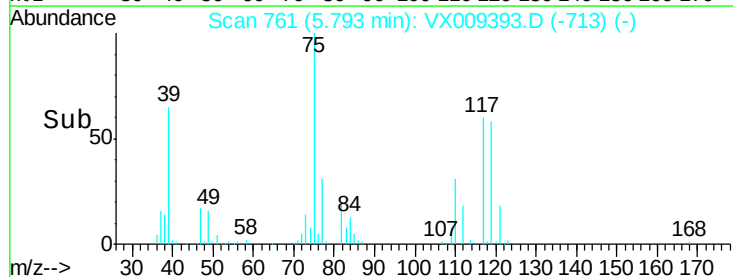
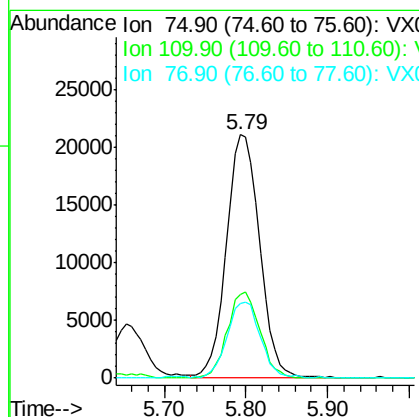
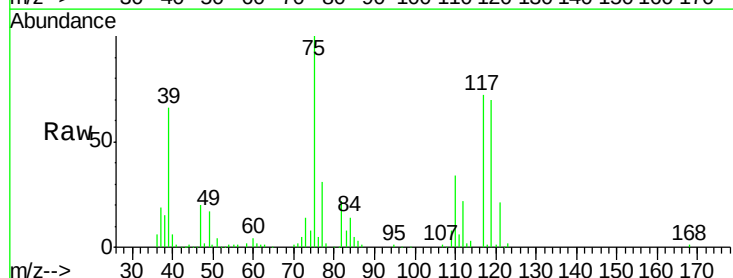
Manual Integrations
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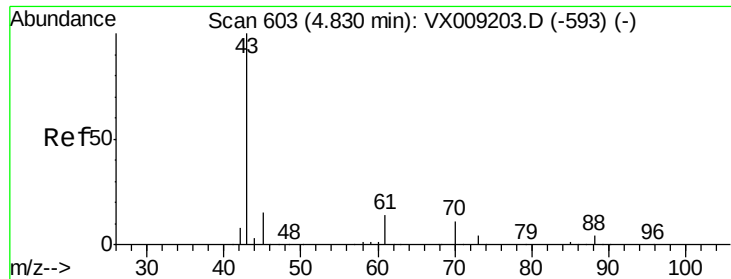
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#36
 1,1-Dichloropropene
 Concen: 24.013 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58810		
110	34.9		16.9	50.6
77	32.1		24.8	37.2





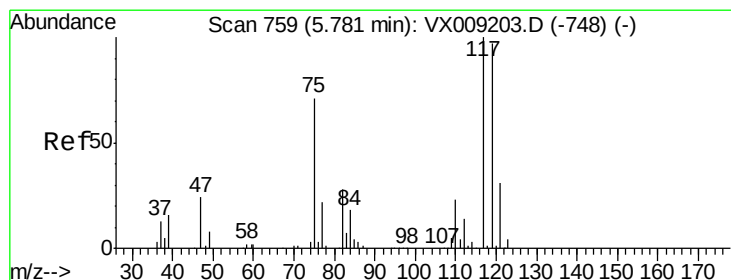
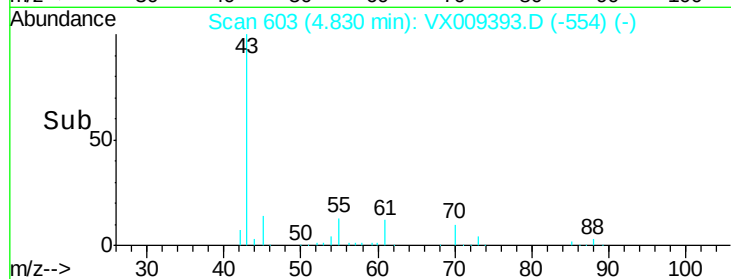
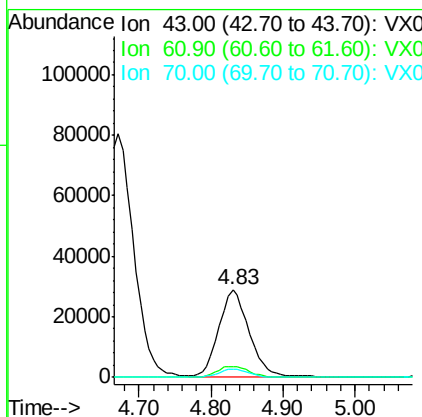
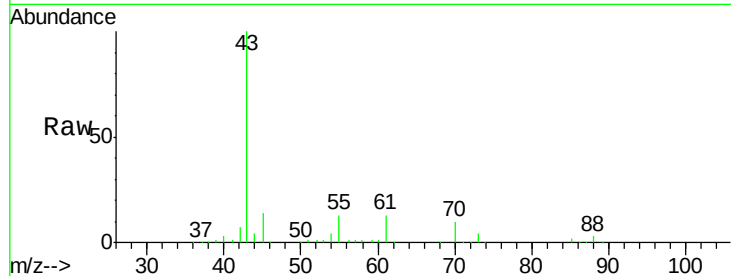
#37
Ethyl Acetate
Concen: 24.625 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampled :
VX0508WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.5	15.7
70	9.6	7.9	11.9

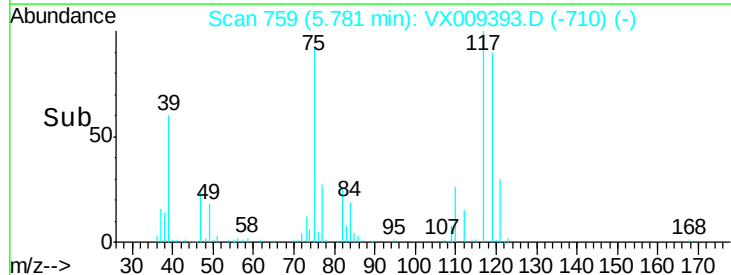
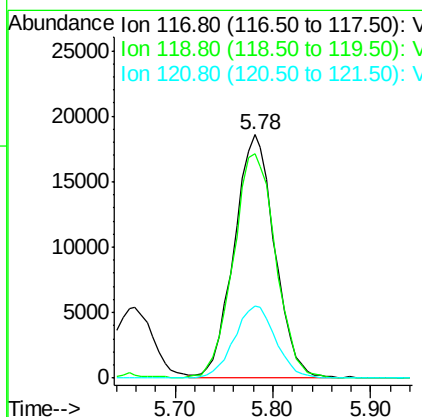
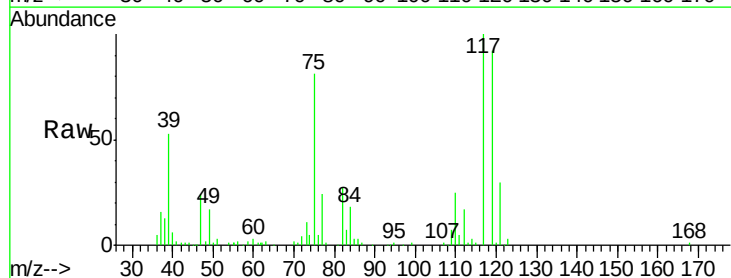
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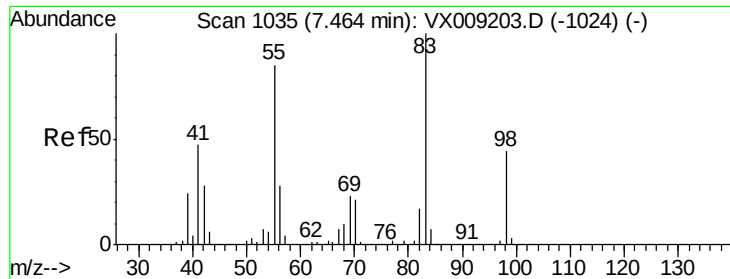
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#38
Carbon Tetrachloride
Concen: 23.967 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	77.5	116.3
121	29.8	24.7	37.1





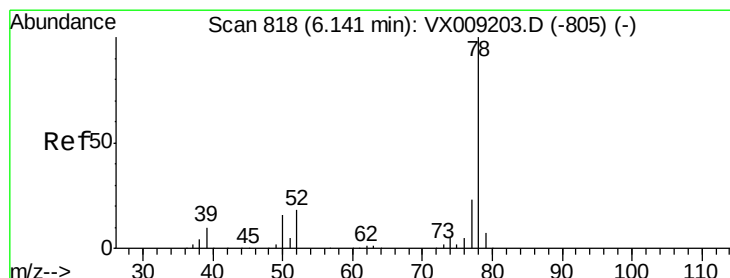
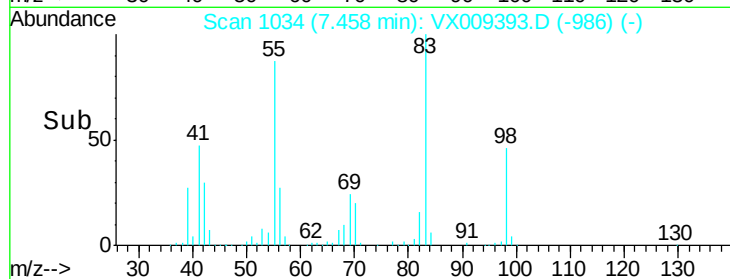
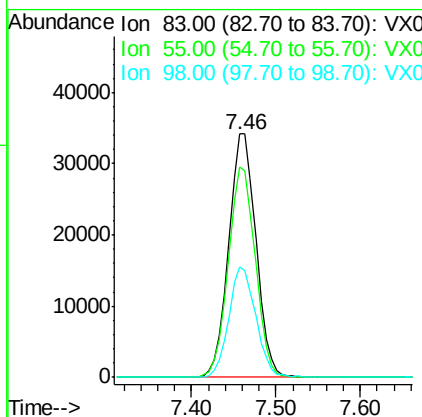
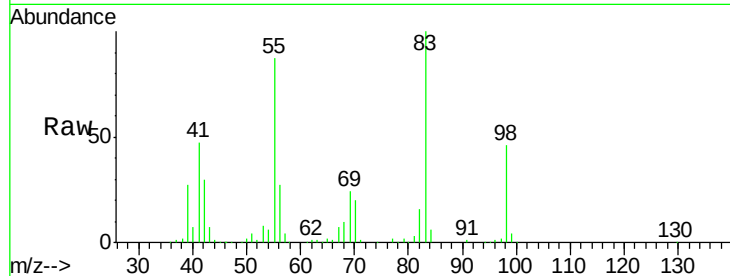
#39
Methylvlcyclohexane
Concen: 25.027 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion: 83 Resp: 75274
Ion Ratio Lower Upper
83 100
55 86.5 67.7 101.5
98 45.6 35.5 53.3

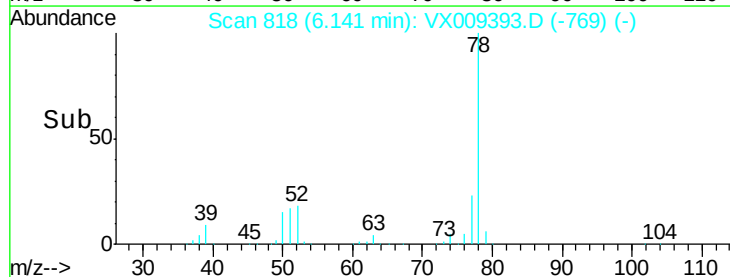
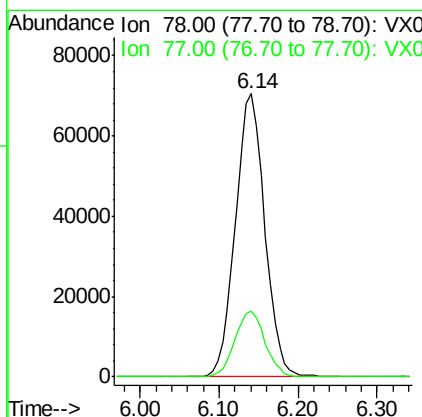
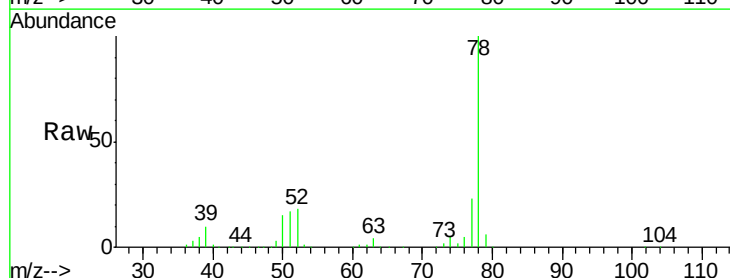
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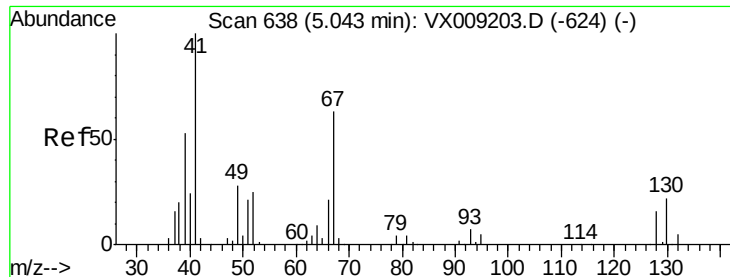
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#40
Benzene
Concen: 24.132 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 78 Resp: 182912
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2





#41

Methacrylonitrile

Concen: 23.040 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

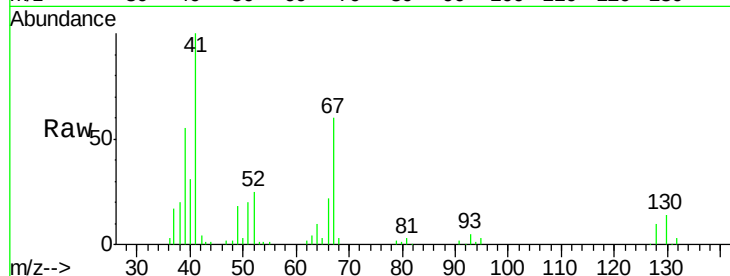
ClientSampleId :

VX0508WBS01

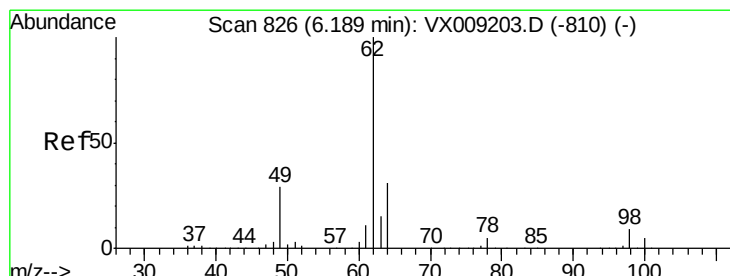
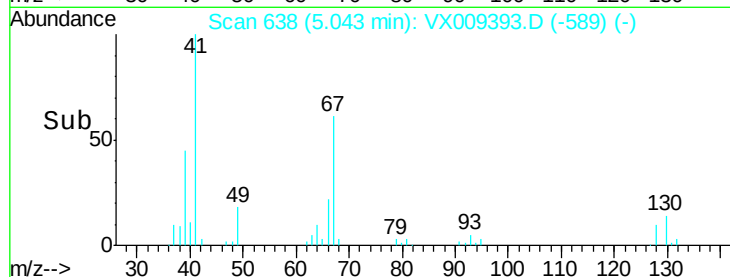
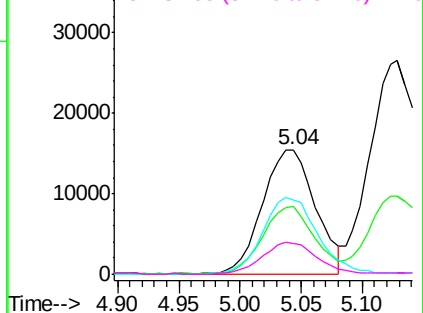
Tot Ion:	41	Resp:	46801
Ion Ratio	Lower	Upper	
41	100		
39	52.1	42.0	63.0
67	64.4	49.8	74.8
52	27.0	20.3	30.5

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 24.065 ug/l

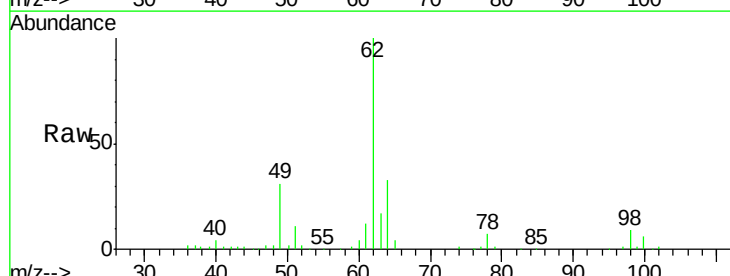
RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

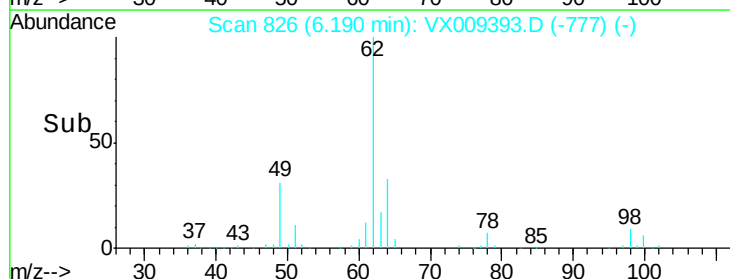
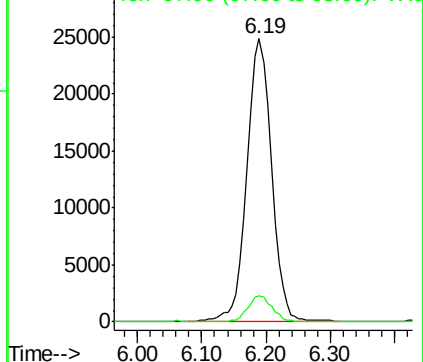
Lab File: VX009393.D

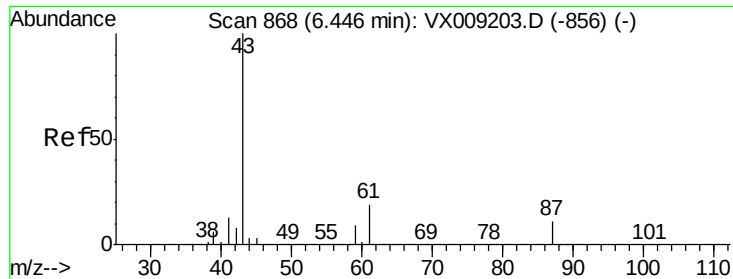
Acq: 08 May 2019 13:13

Tgt Ion:	62	Resp:	65432
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 24.036 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

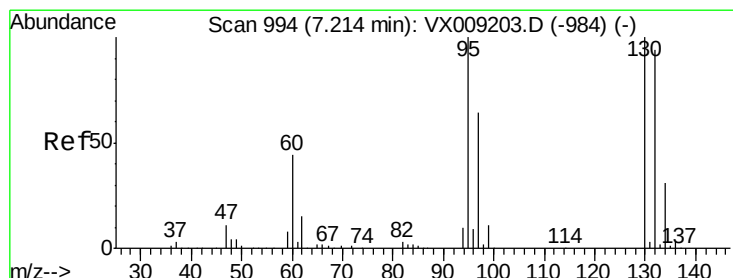
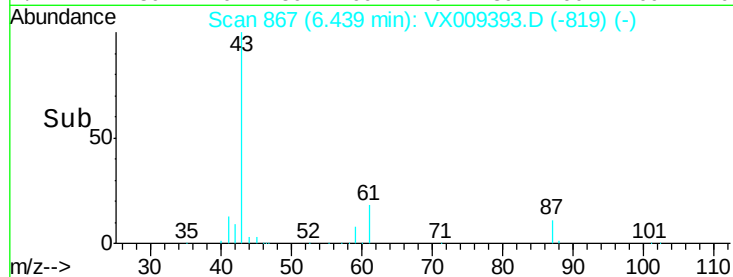
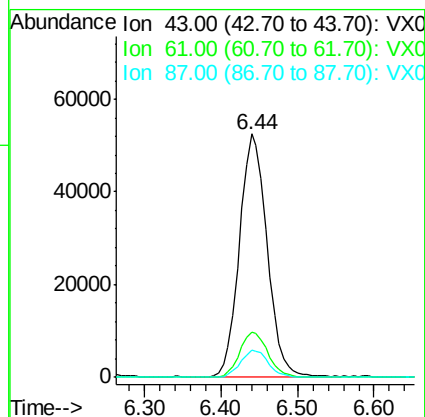
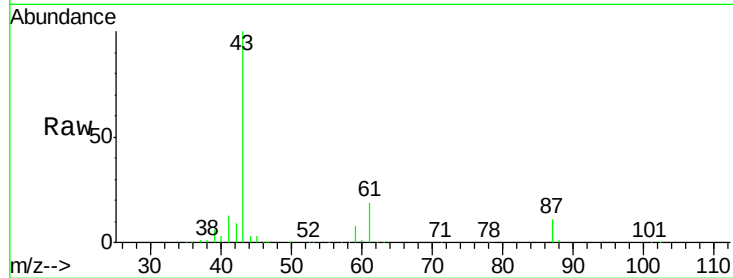
ClientSampleId :

VX0508WBS01

Tot Ion:	43	Resp:	131194
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.1	22.7
87	11.2	9.0	13.6

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#44

Trichloroethene

Concen: 23.837 ug/l

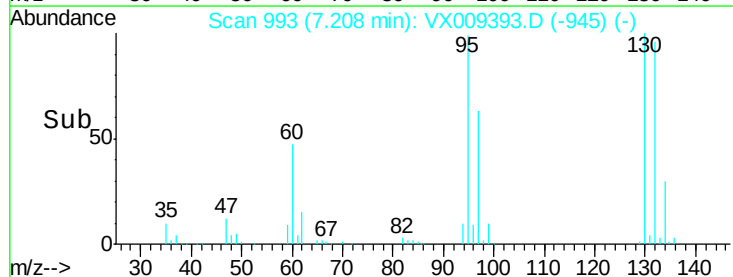
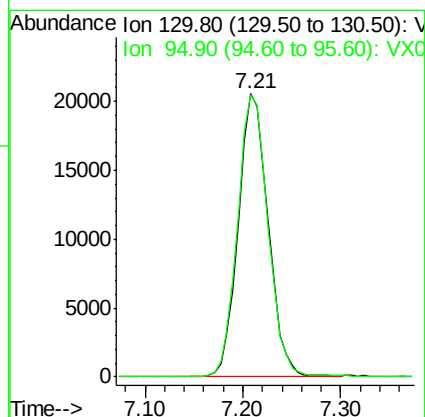
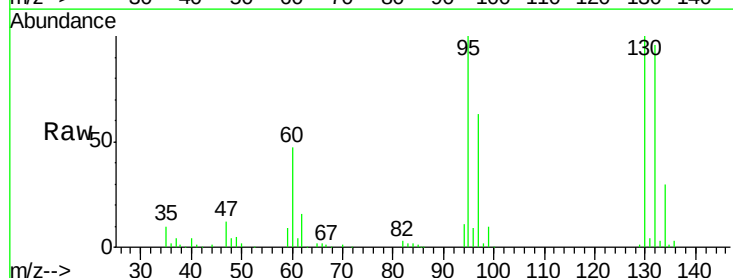
RT: 7.21 min Scan# 993

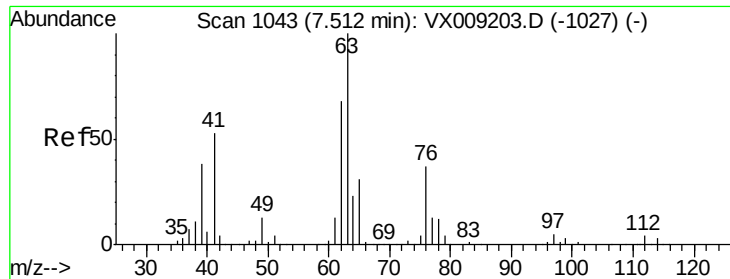
Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Tgt Ion:	130	Resp:	43679
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	199.2





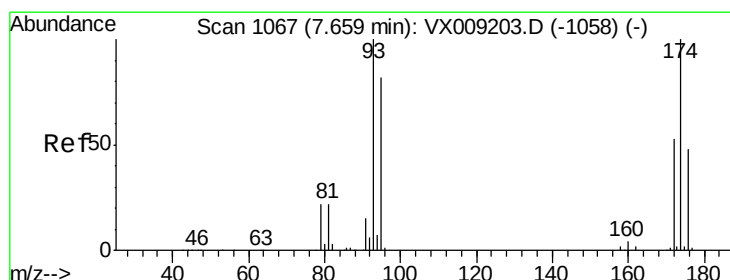
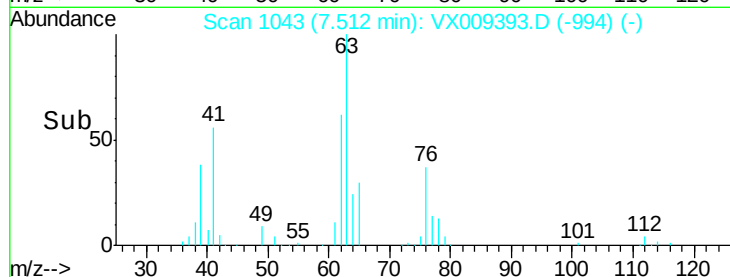
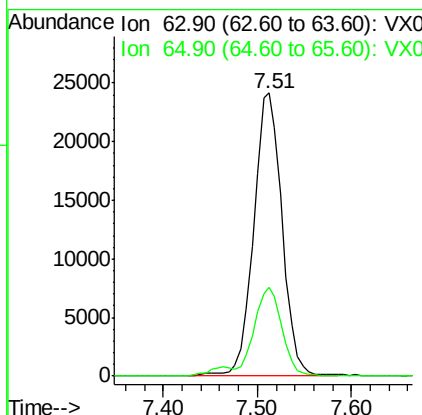
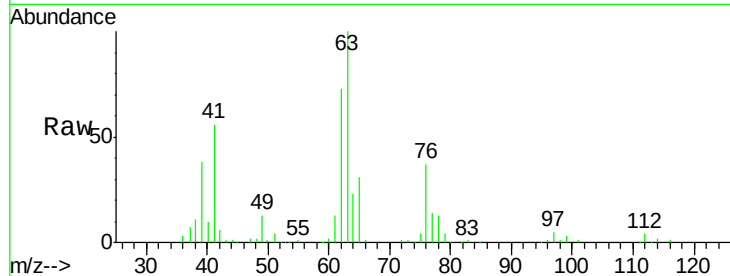
#45
 1,2-Dichloropropane
 Concen: 23.910 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Instrument :
 MSVOA_X
 ClientSampled :
 VX0508WBS01

Tot Ion: 63 Resp: 51316
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.6

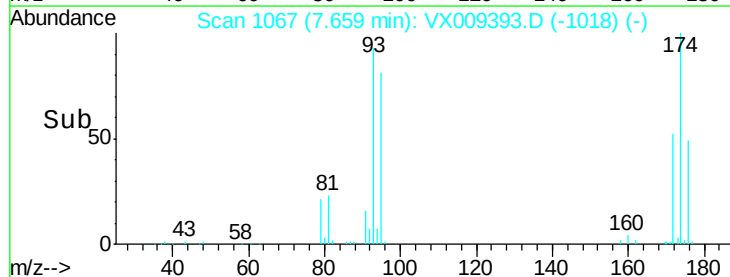
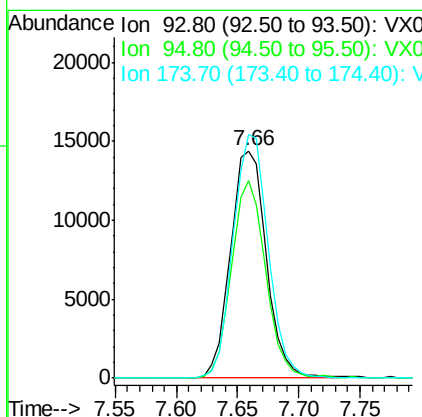
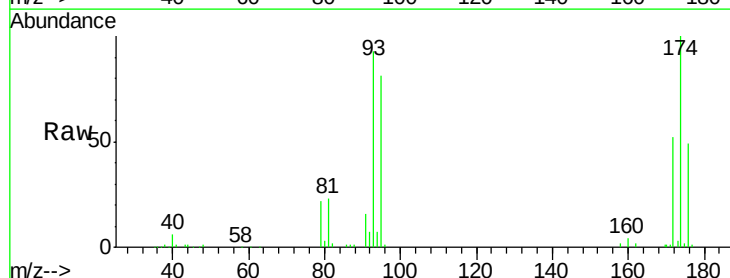
Manual Integrations
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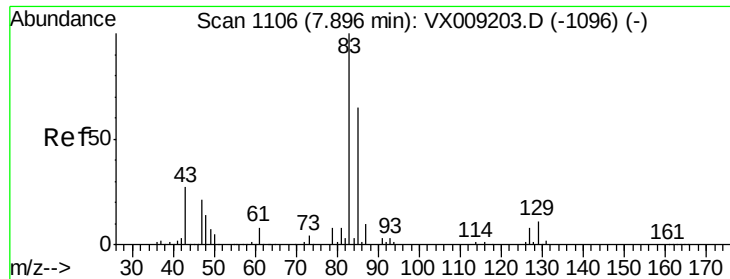
MMDadoda
 5/9/2019 9:49:20 AM



#46
 Dibromomethane
 Concen: 23.414 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion: 93 Resp: 29181
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.5 99.7
 174 105.0 82.1 123.1





#47

Bromodichloromethane

Concen: 23.381 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

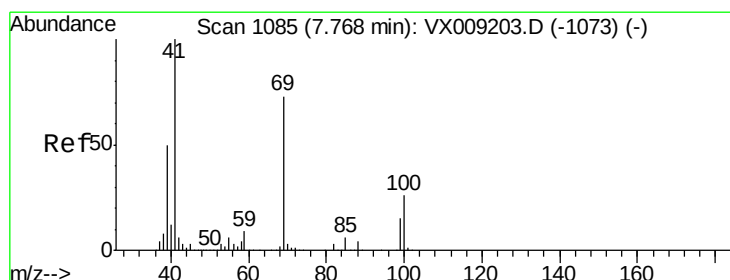
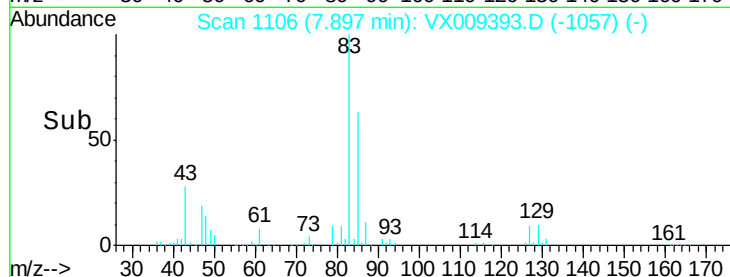
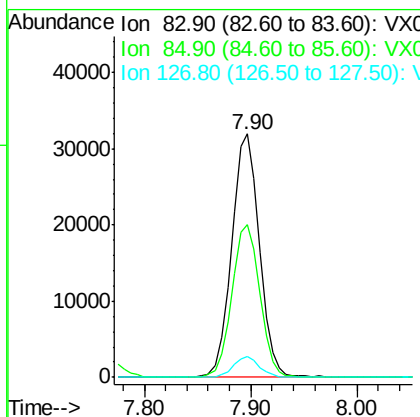
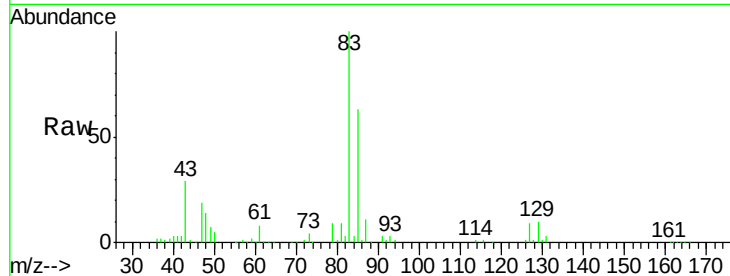
ClientSampleId :

VX0508WBS01

Tot Ion:	83	Resp:	58127
Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.4	78.6
127	8.7	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 24.288 ug/l

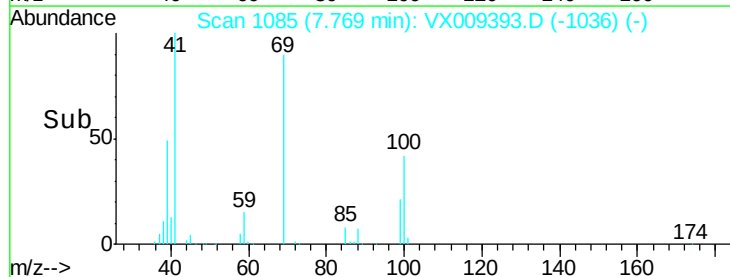
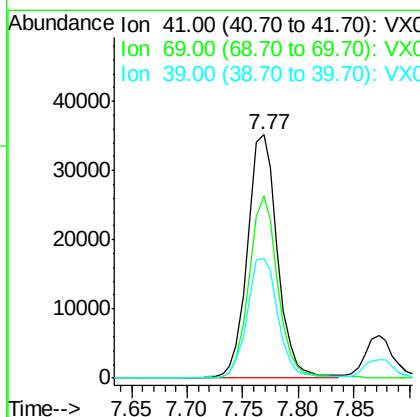
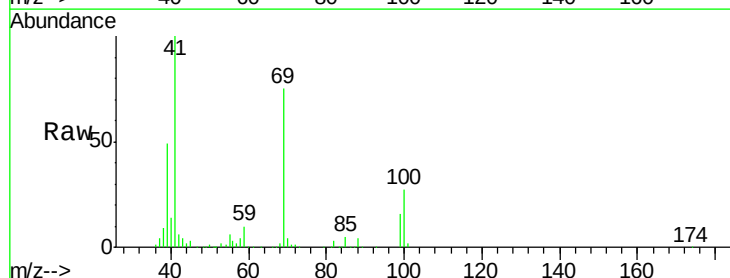
RT: 7.77 min Scan# 1085

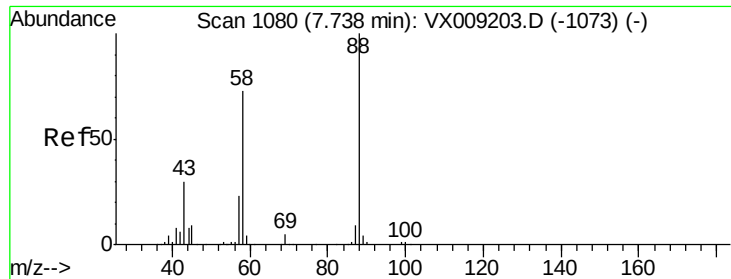
Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Tgt Ion:	41	Resp:	65770
Ion	Ratio	Lower	Upper
41	100		
69	73.0	59.1	88.7
39	51.3	40.4	60.6





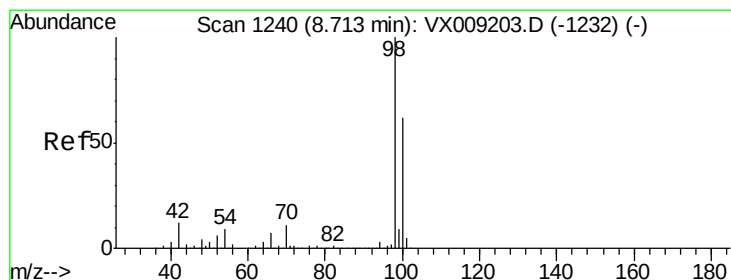
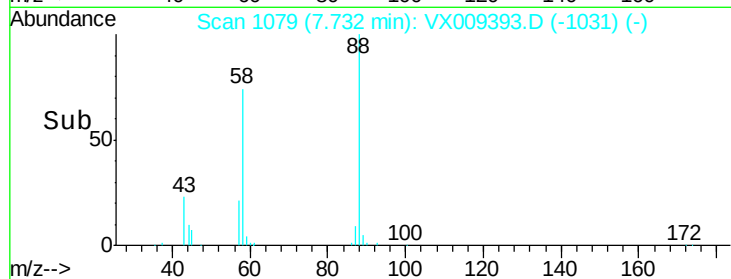
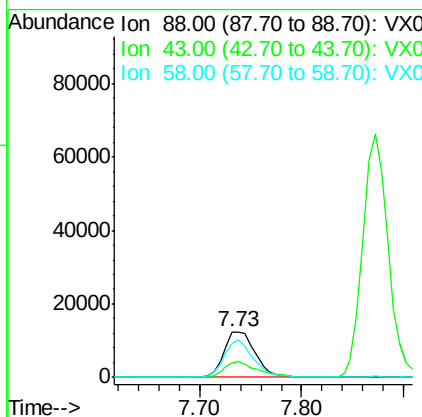
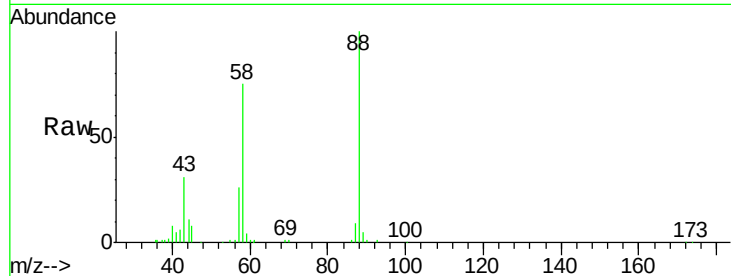
#49
1,4-Dioxane
Concen: 481.436 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.6	28.6	42.8
58	78.0	61.7	92.5

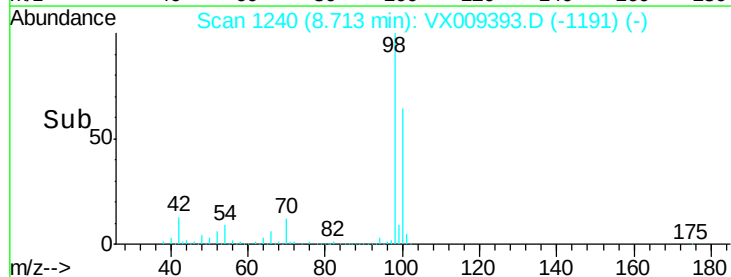
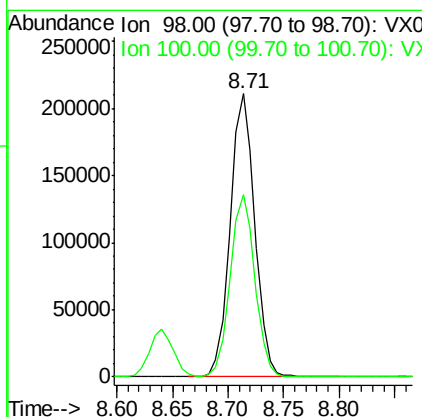
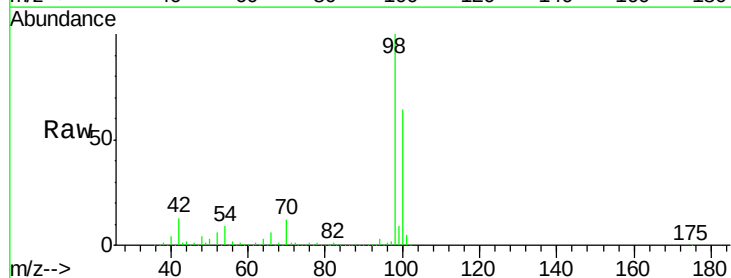
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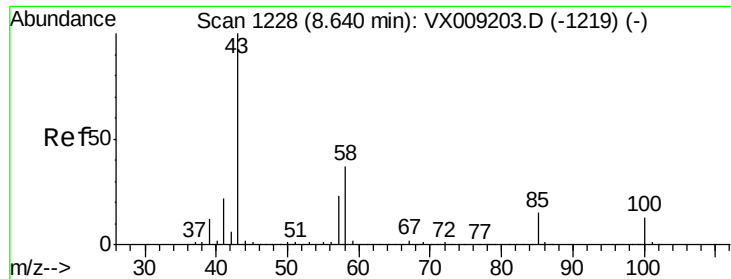
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5/9/2019 9:49:20 AM



#50
Toluene-d8
Concen: 48.167 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8





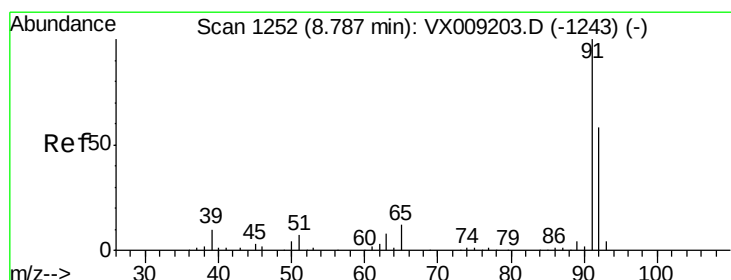
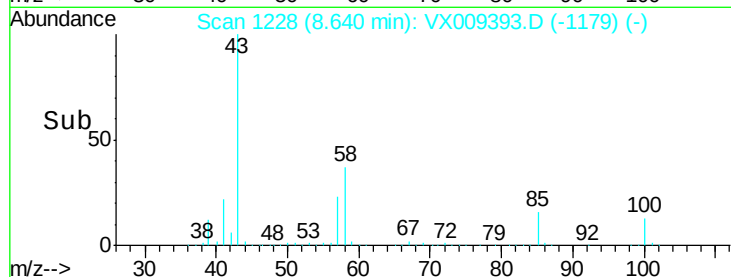
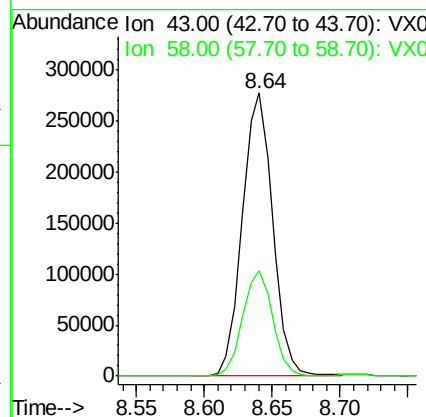
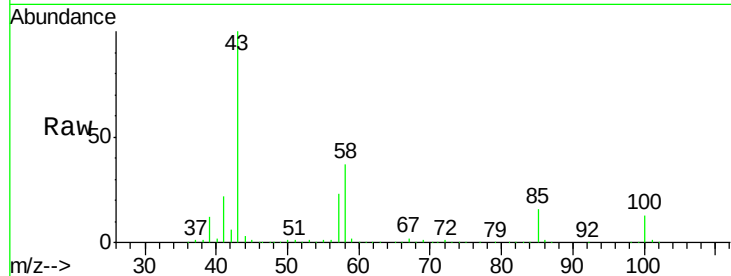
#51
4-Methyl-2-Pentanone
Concen: 121.115 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.5	44.3

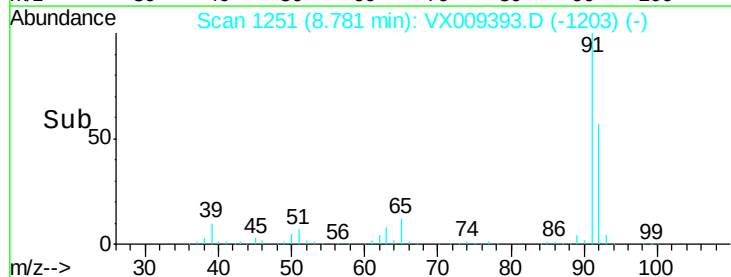
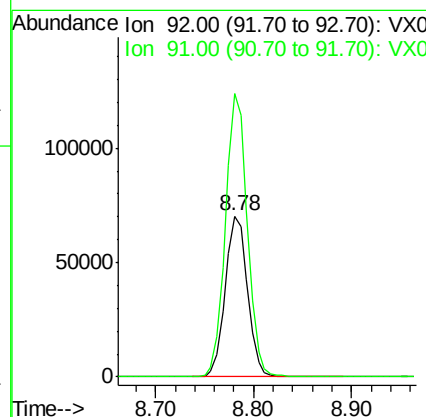
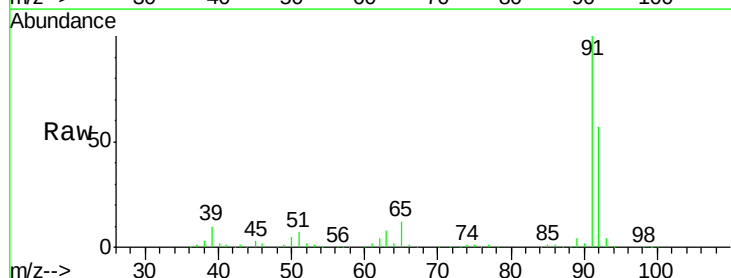
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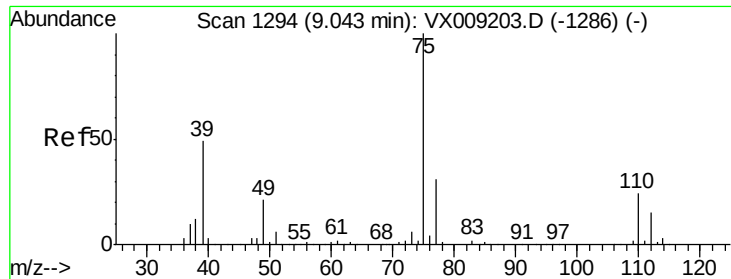
MMDadoda
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#52
Toluene
Concen: 24.149 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.0	138.8	208.2





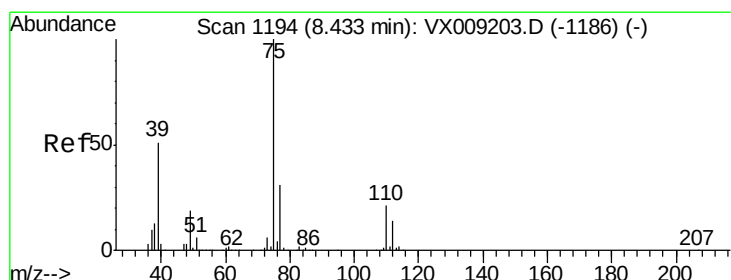
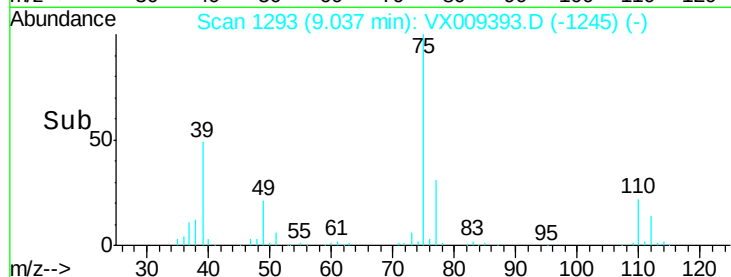
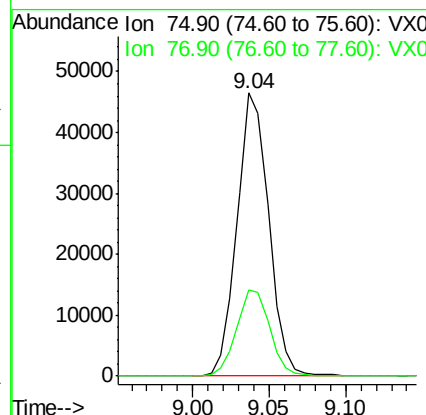
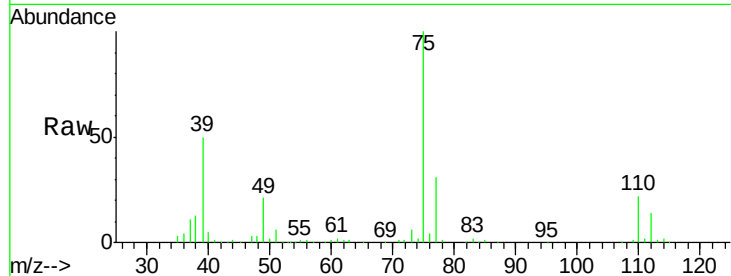
#53
t-1,3-Dichloropropene
Concen: 23.839 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampled :
VX0508WBS01

Tot Ion: 75 Resp: 66912
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.6

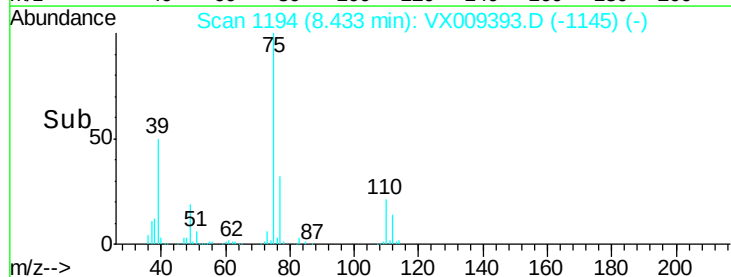
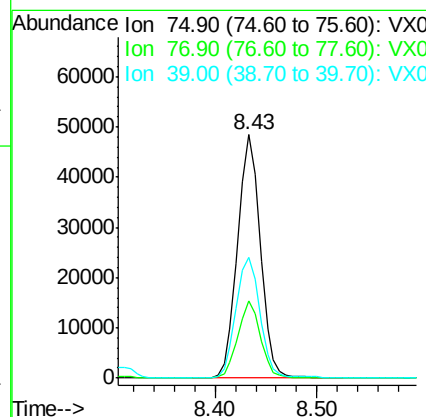
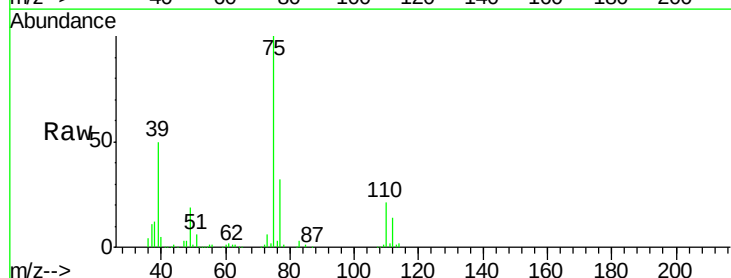
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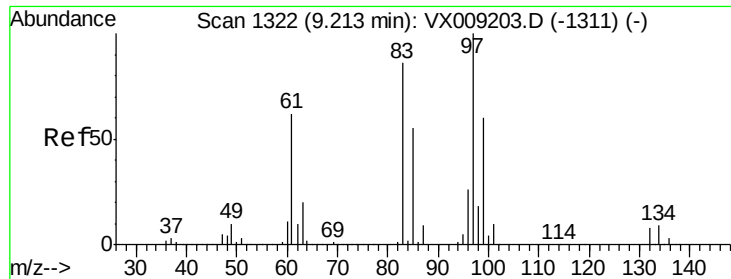
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 24.126 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 75 Resp: 74953
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 49.5 40.6 60.8





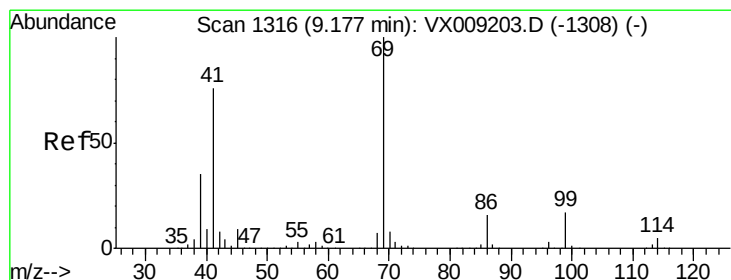
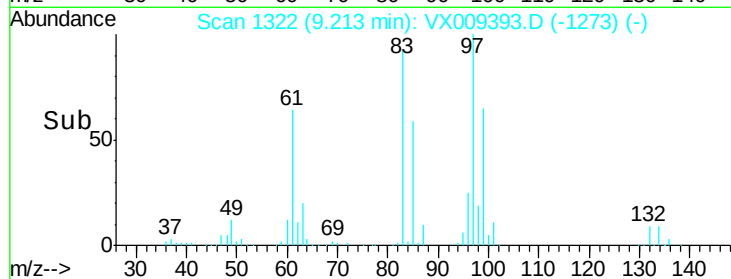
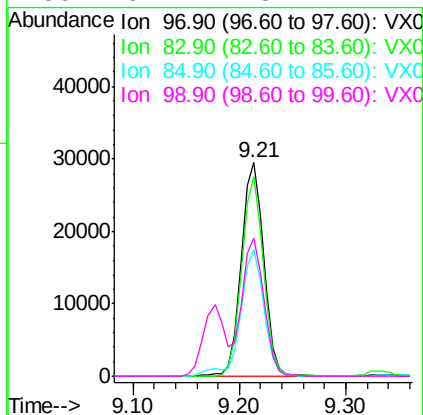
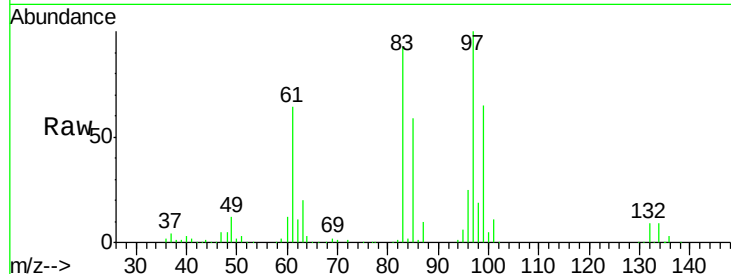
#55
 1,1,2-Trichloroethane
 Concen: 23.365 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Tot Ion:	97	Resp:	43920
Ion	Ratio	Lower	Upper
97	100		
83	93.4	68.9	103.3
85	59.1	43.8	65.6
99	64.7	48.2	72.2

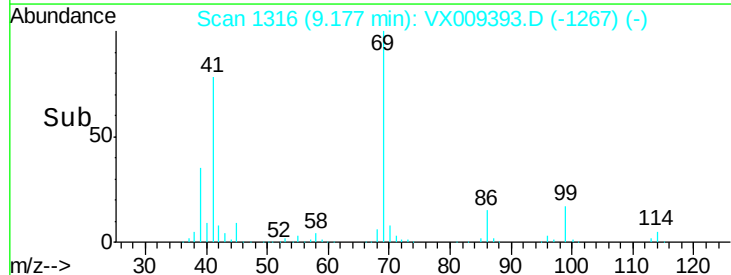
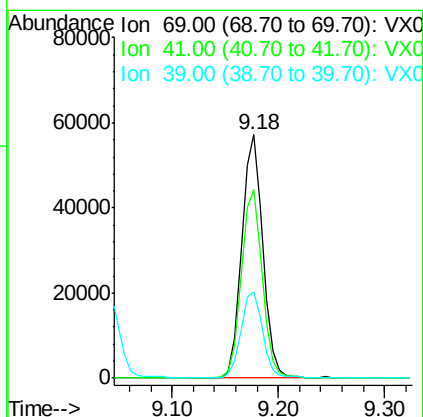
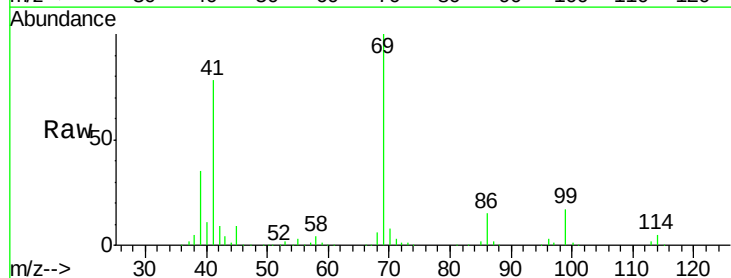
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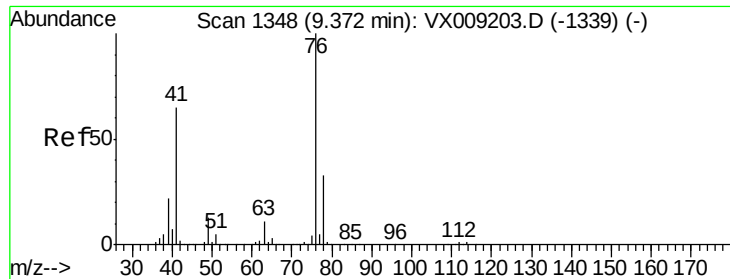
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 5/9/2019 9:49:20 AM



#56
 Ethyl methacrylate
 Concen: 23.772 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion:	69	Resp:	79764
Ion	Ratio	Lower	Upper
69	100		
41	76.7	60.6	90.8
39	36.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 23.955 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

Tot Ion: 76 Resp: 79240

Ion Ratio Lower Upper

76 100

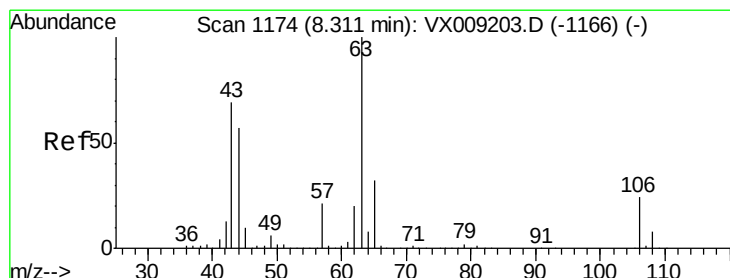
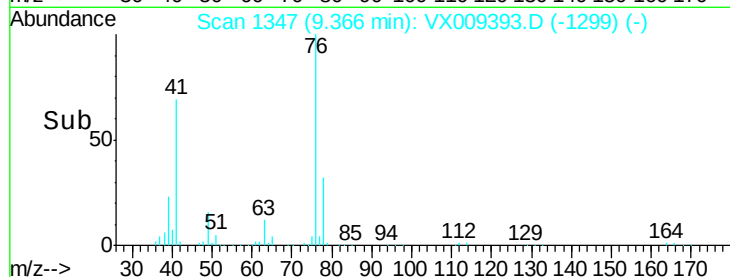
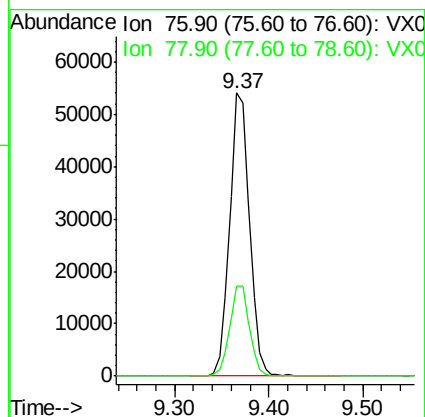
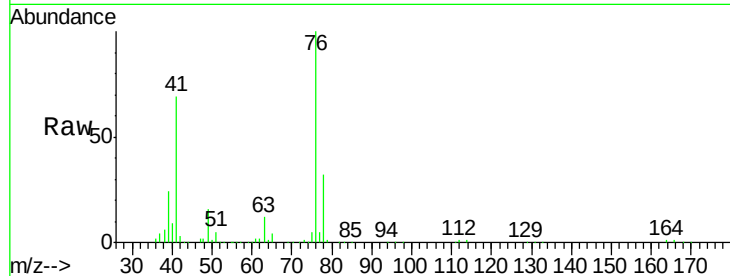
78 32.2 25.5 38.3

Manual Integrations

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5/9/2019 9:49:20 AM



#58

2-Chloroethyl Vinyl ether

Concen: 96.961 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009393.D

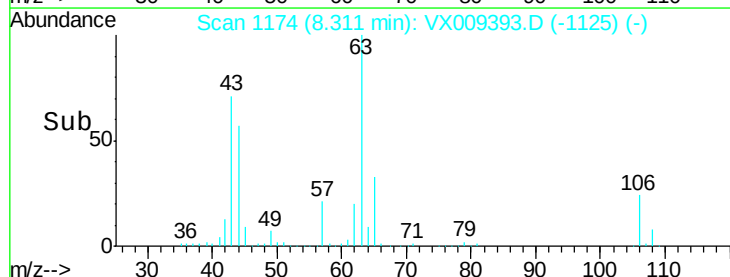
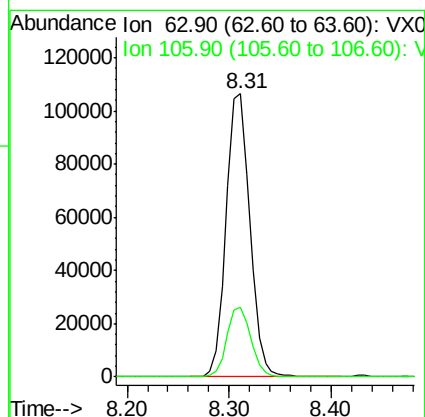
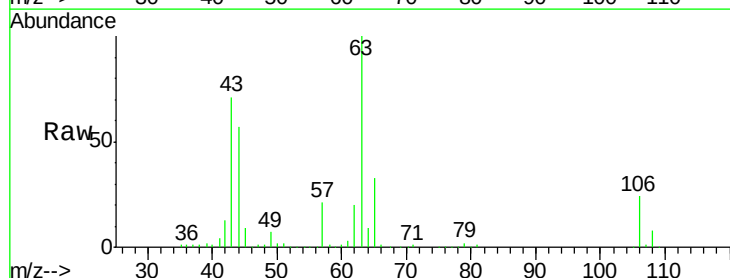
Acq: 08 May 2019 13:13

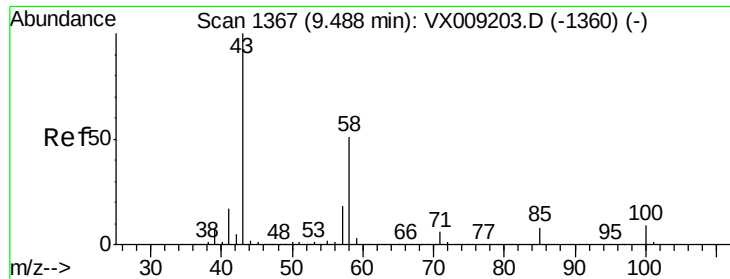
Tgt Ion: 63 Resp: 172591

Ion Ratio Lower Upper

63 100

106 24.6 19.7 29.5





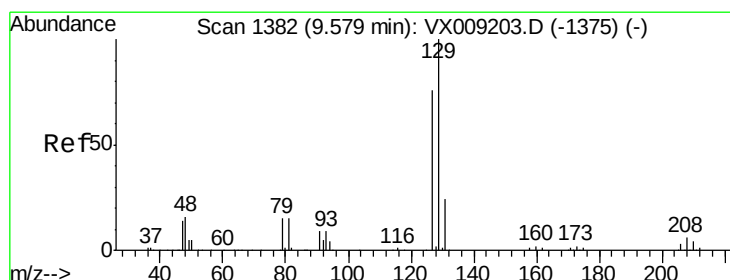
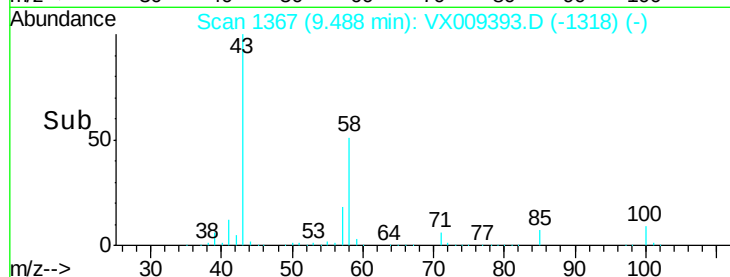
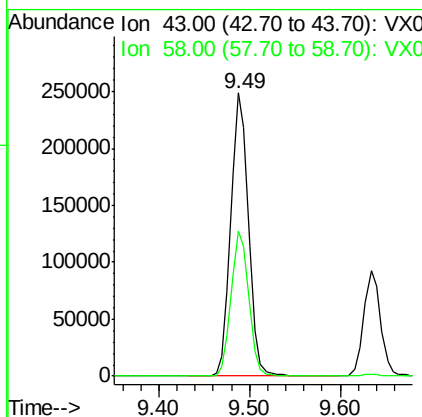
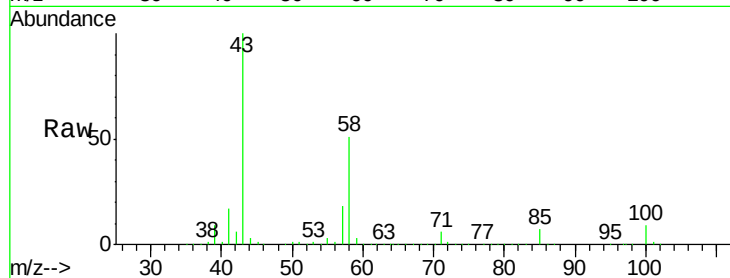
#59
2-Hexanone
Concen: 120.105 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion: 43 Resp: 336528
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7

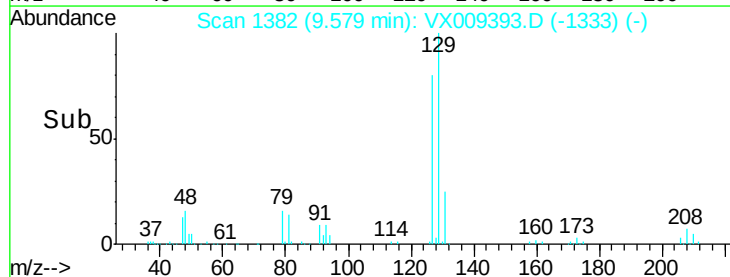
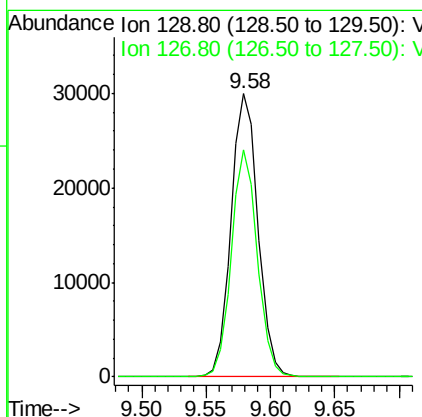
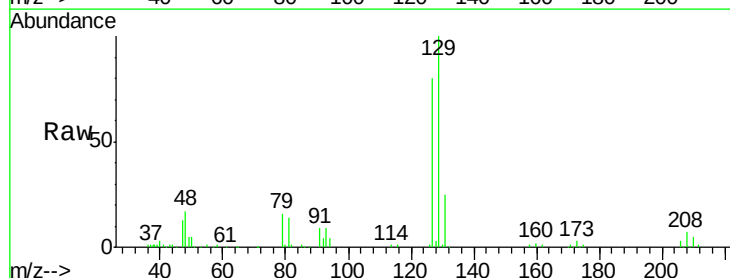
Manual Integrations
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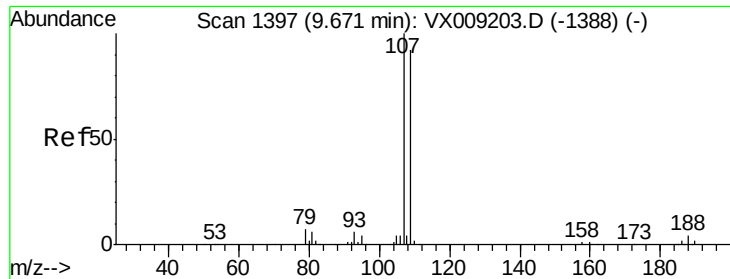
MMDadoda
5/9/2019 9:49:20 AM



#60
Dibromochloromethane
Concen: 23.847 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion:129 Resp: 43781
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 24.019 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

Tot Ion:107 Resp: 45574

Ion Ratio Lower Upper

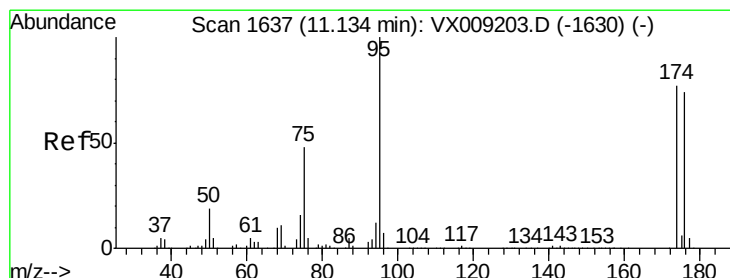
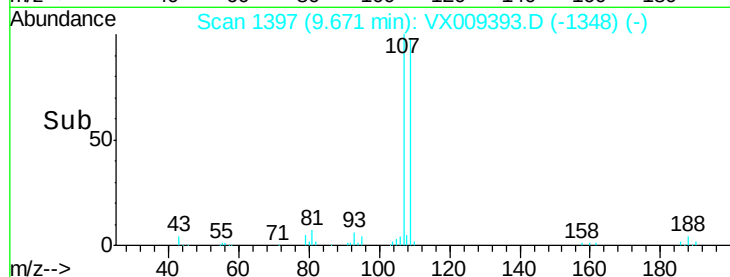
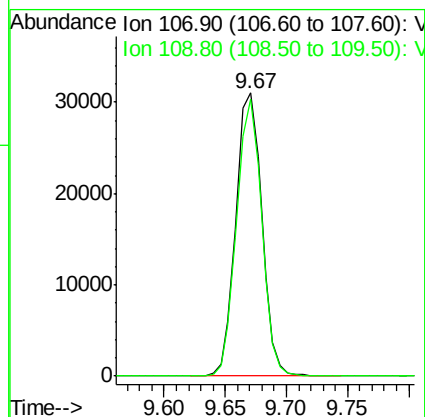
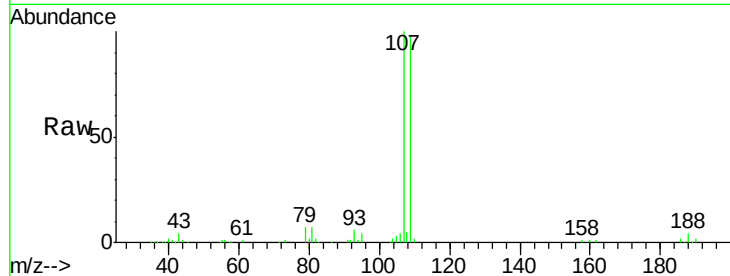
107 100

109 95.0 75.2 112.8

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 48.038 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

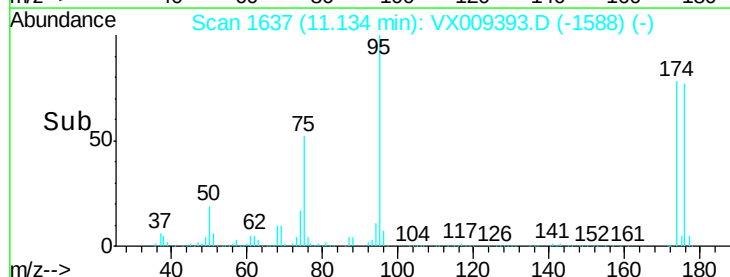
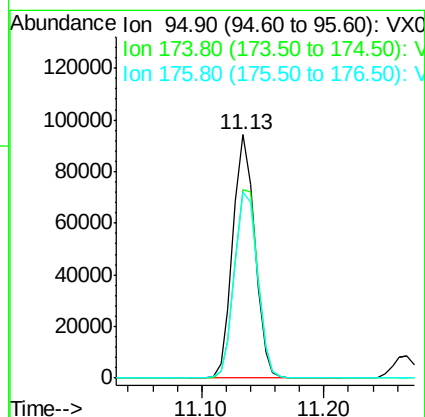
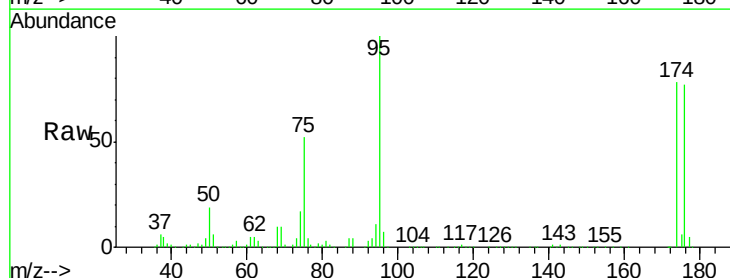
Tgt Ion: 95 Resp: 116751

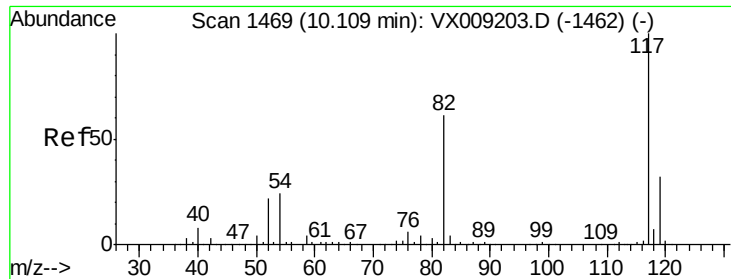
Ion Ratio Lower Upper

95 100

174 82.2 0.0 161.6

176 79.7 0.0 159.2





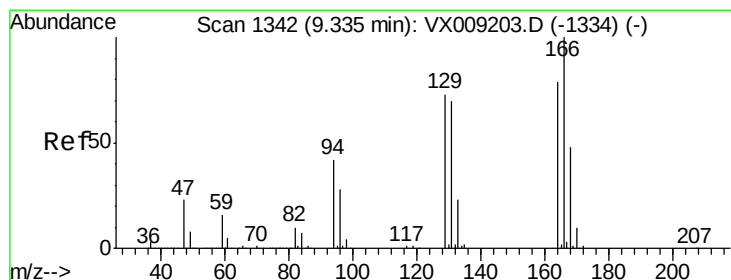
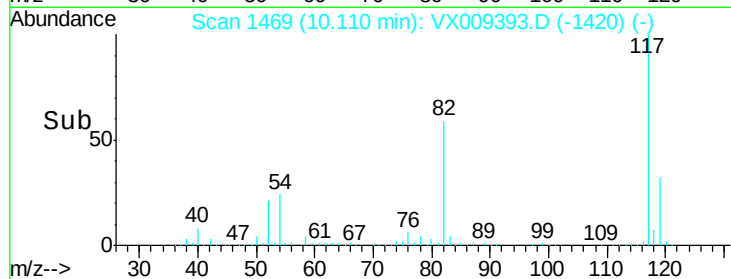
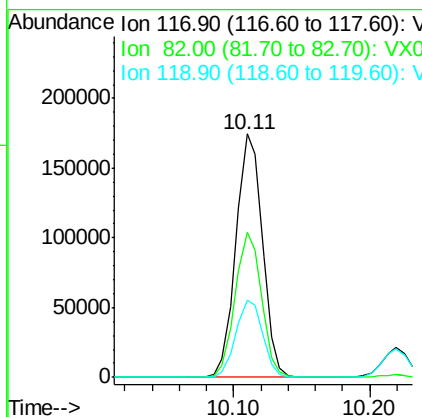
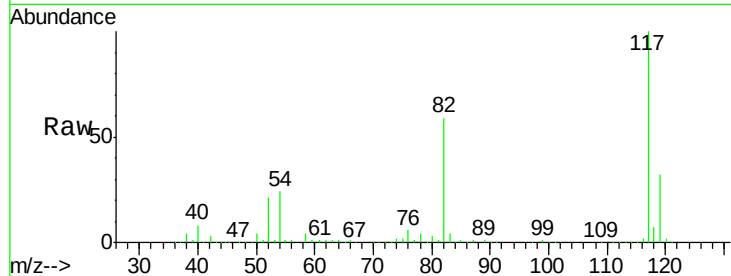
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	48.8	73.2
119	31.8	25.8	38.6

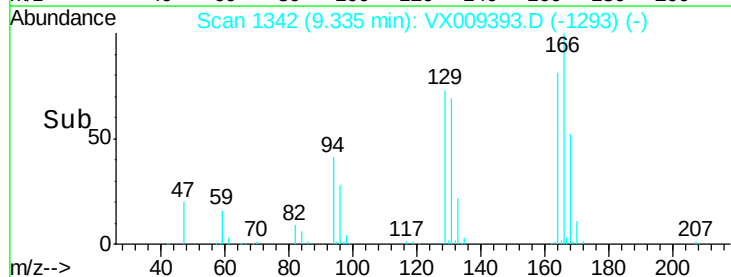
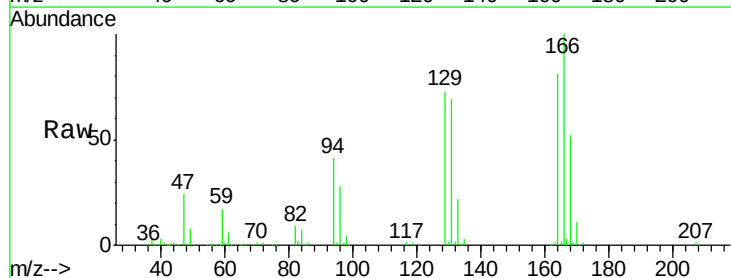
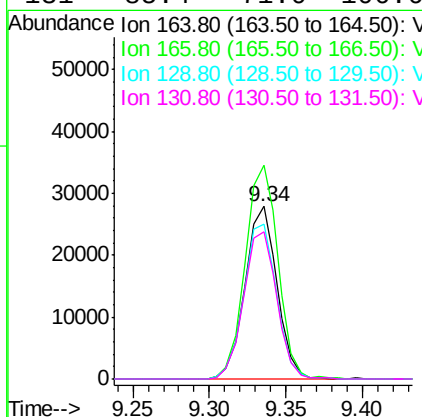
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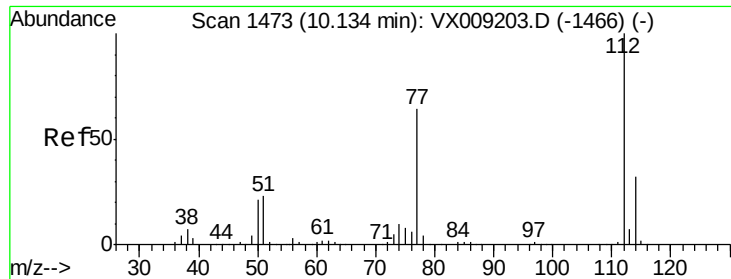
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#64
Tetrachloroethene
Concen: 24.928 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	101.2	151.8
129	89.8	74.3	111.5
131	85.4	71.0	106.6





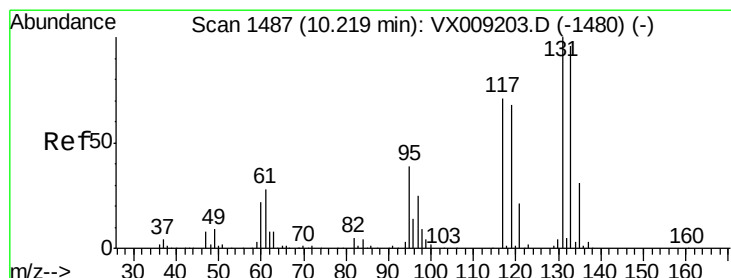
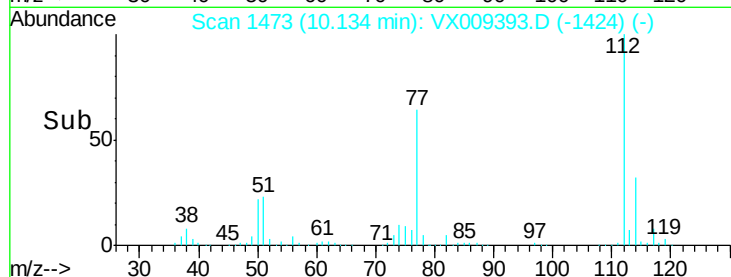
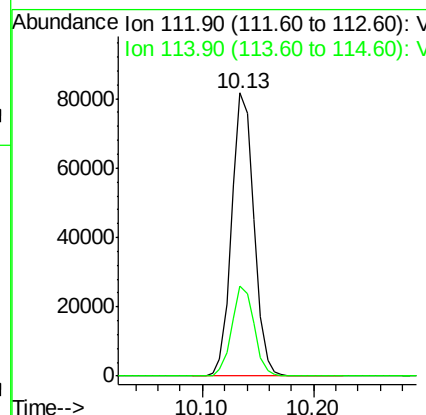
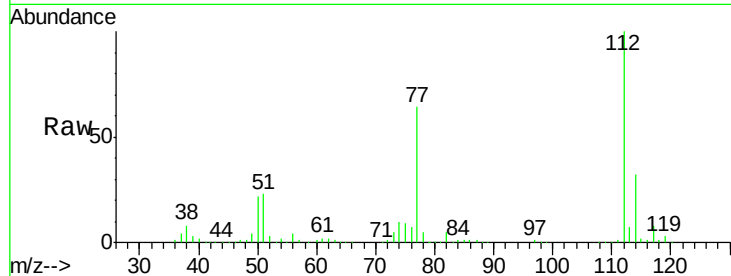
#65
Chlorobenzene
Concen: 23.841 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3

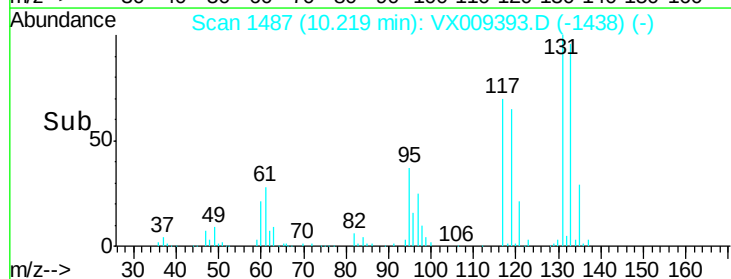
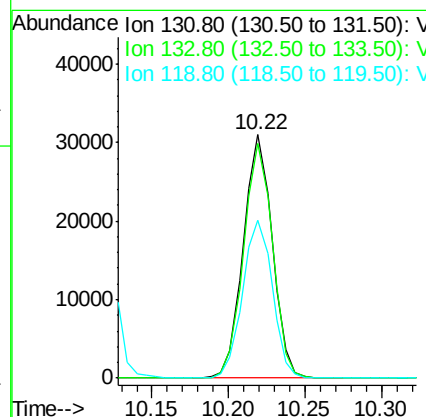
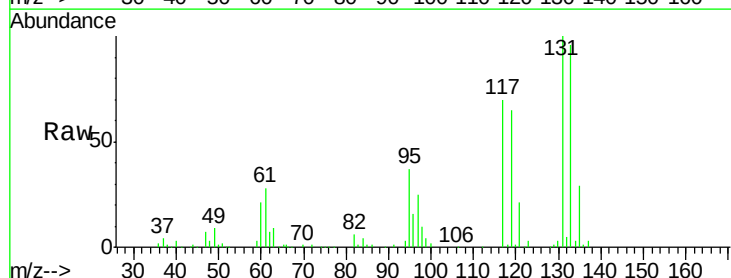
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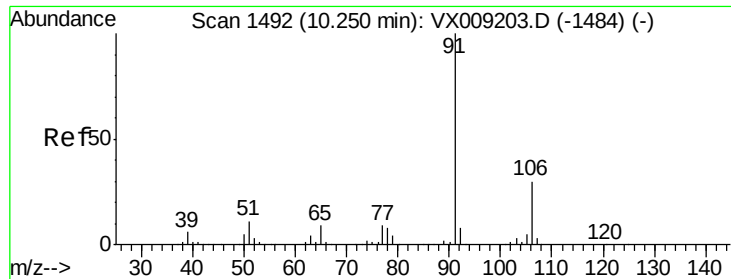
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.690 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.7	143.1
119	67.2	33.5	100.4





#67

Ethyl Benzene

Concen: 24.157 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampled :

VX0508WBS01

Tot Ion: 91 Resp: 210989

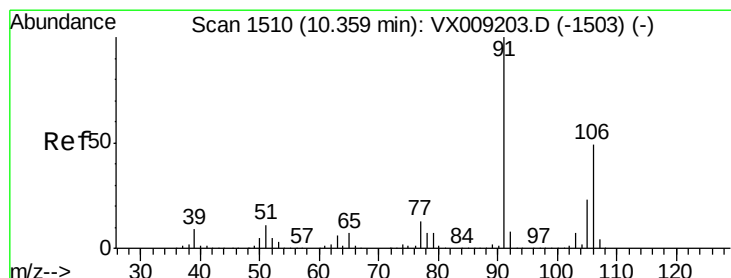
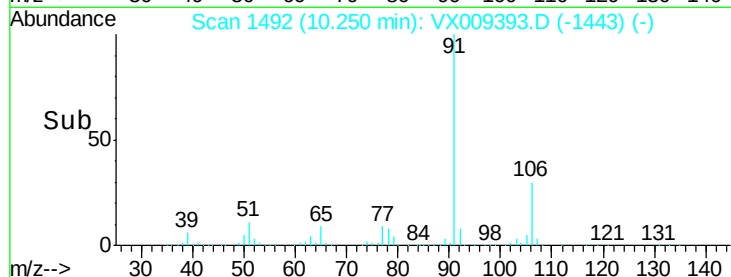
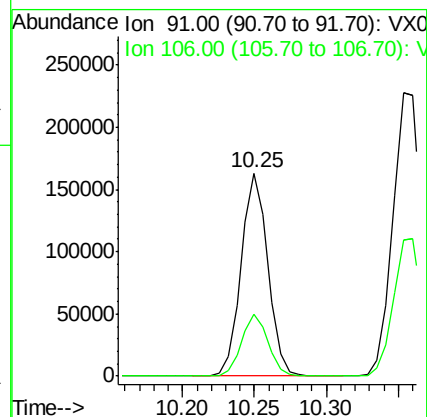
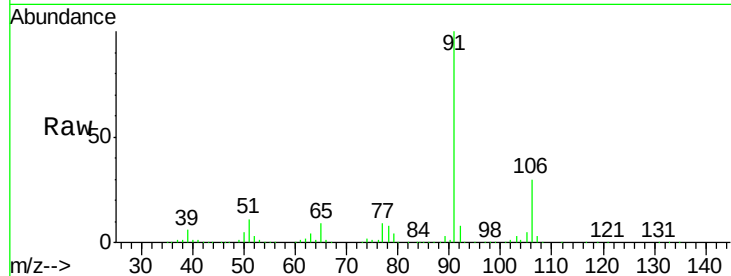
Ion Ratio Lower Upper

91 100

106 30.3 24.0 36.0

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 48.562 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009393.D

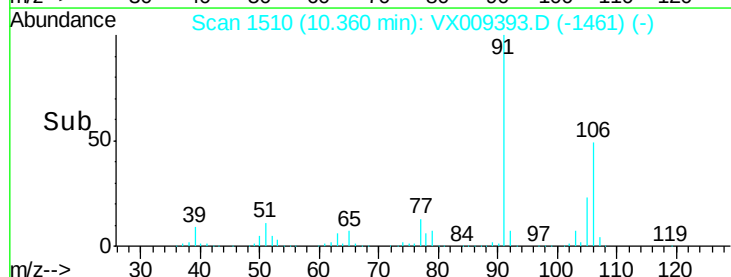
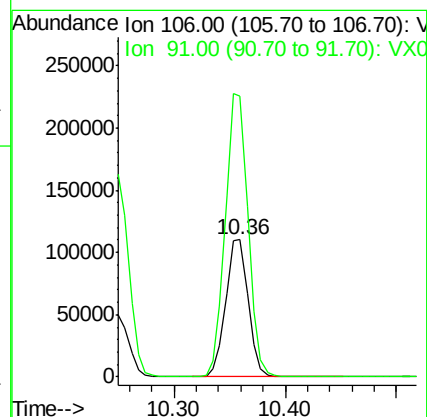
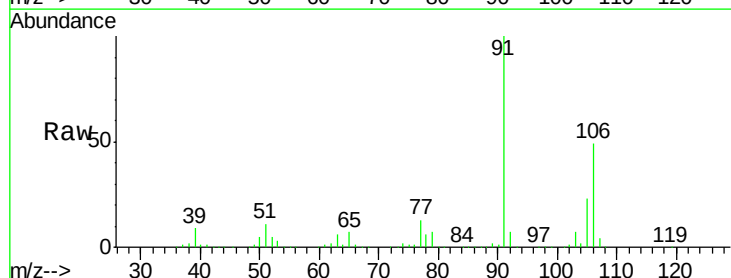
Acq: 08 May 2019 13:13

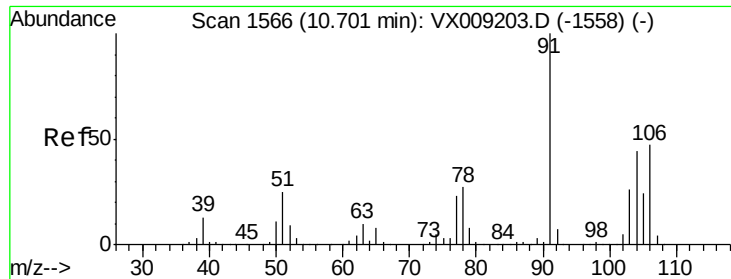
Tgt Ion: 106 Resp: 154999

Ion Ratio Lower Upper

106 100

91 207.5 164.0 246.0





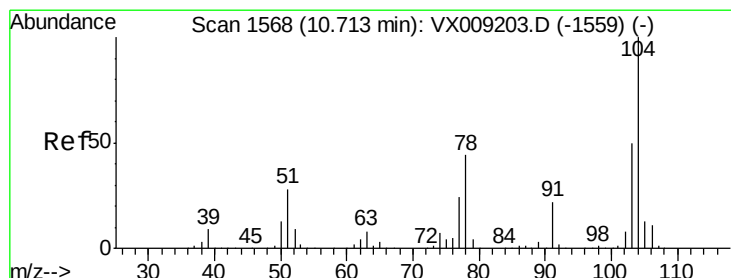
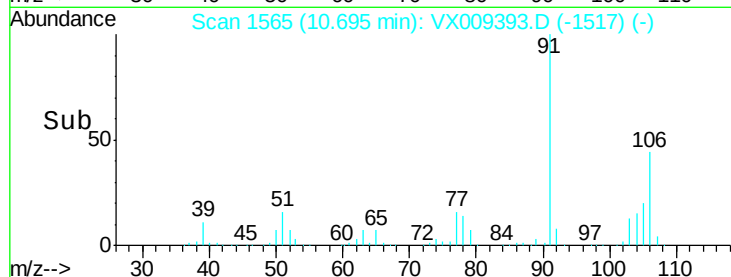
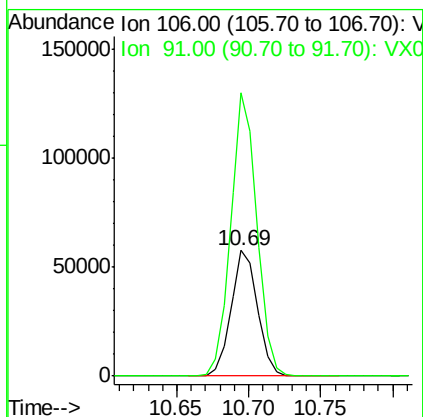
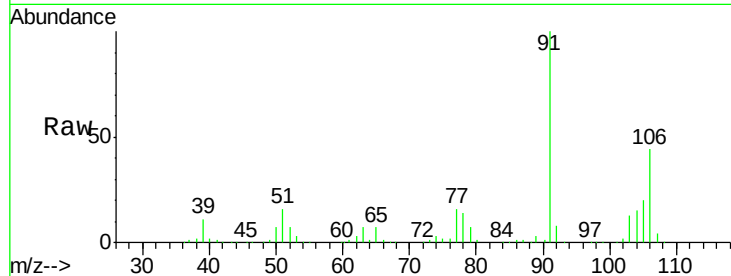
#69
o-Xylene
Concen: 23.535 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampled :
VX0508WBS01

Tot Ion:106 Resp: 74115
Ion Ratio Lower Upper
106 100
91 222.4 109.5 328.4

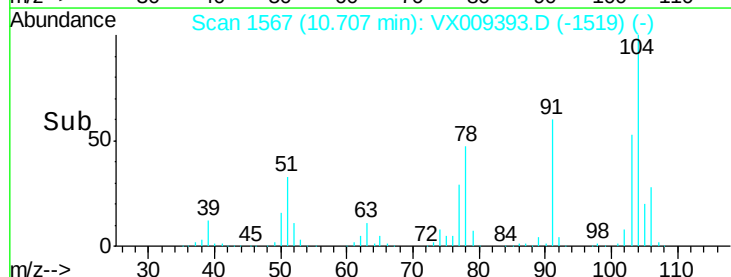
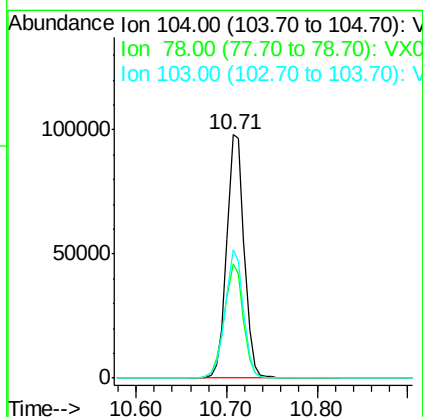
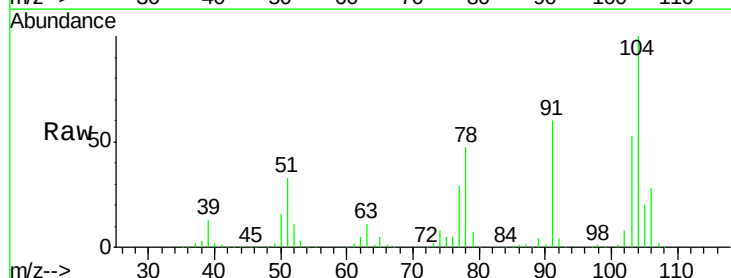
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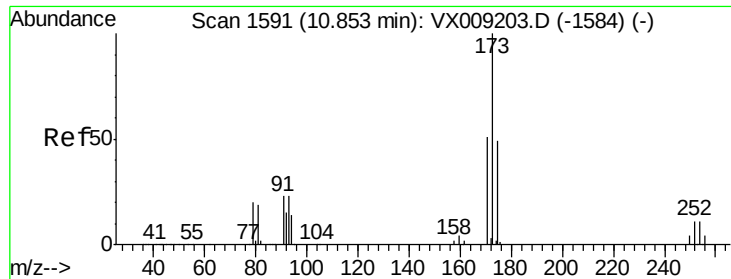
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#70
Styrene
Concen: 24.031 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion:104 Resp: 131532
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.4
103 54.9 43.8 65.6





#71

Bromoform

Concen: 23.604 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

Tot Ion:173 Resp: 33004

Ion Ratio Lower Upper

173 100

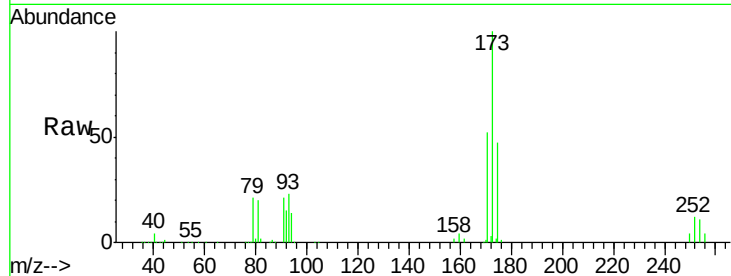
175 48.9 24.5 73.5

254 0.0 0.1 0.1#

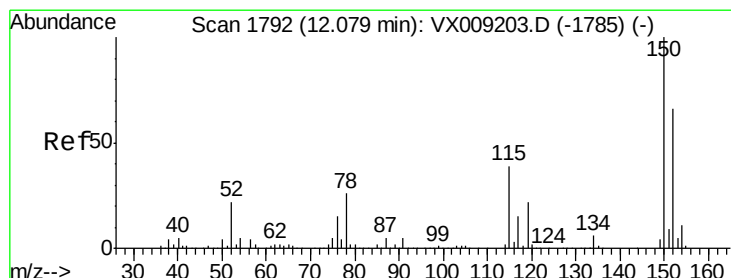
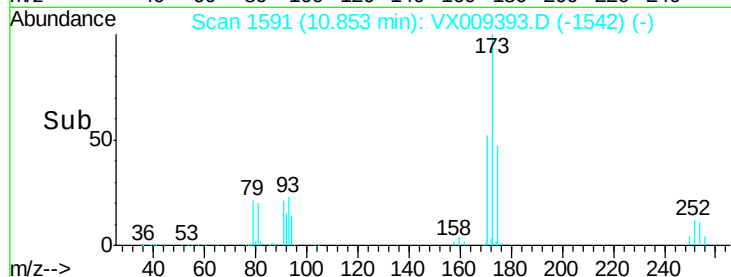
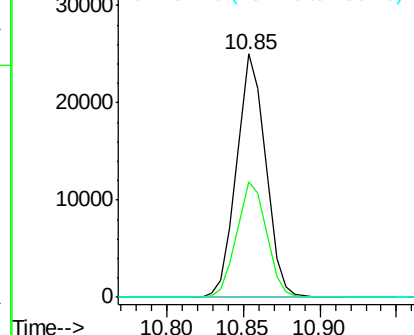
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

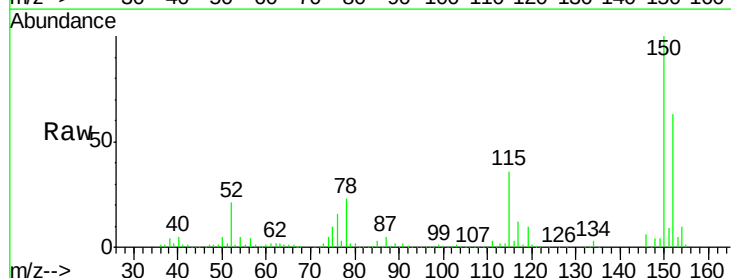
Tgt Ion:152 Resp: 116608

Ion Ratio Lower Upper

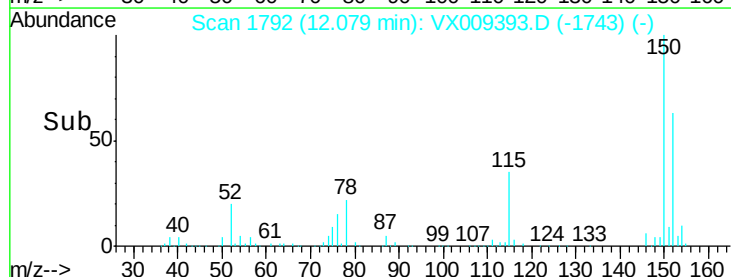
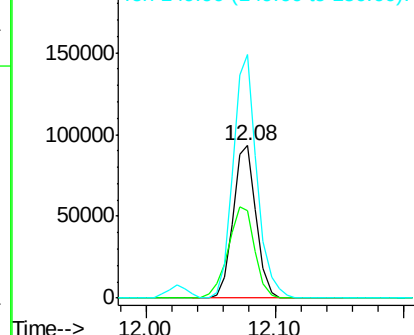
152 100

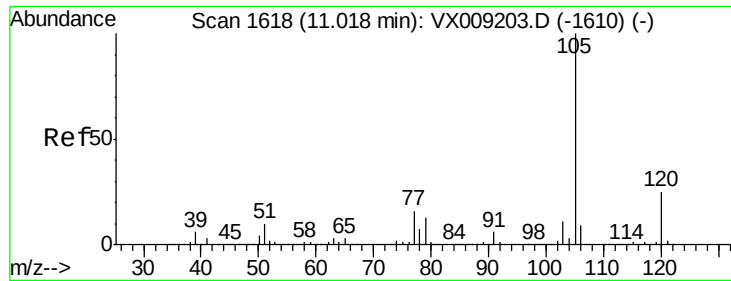
115 69.5 41.2 123.6

150 165.4 0.0 346.4



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





#73

Isopropylbenzene

Concen: 23.824 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

Tot Ion: 105 Resp: 202021

Ion Ratio Lower Upper

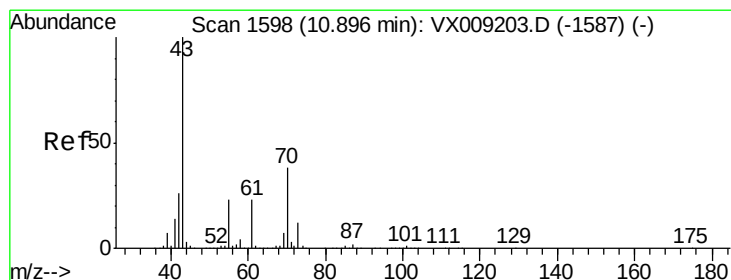
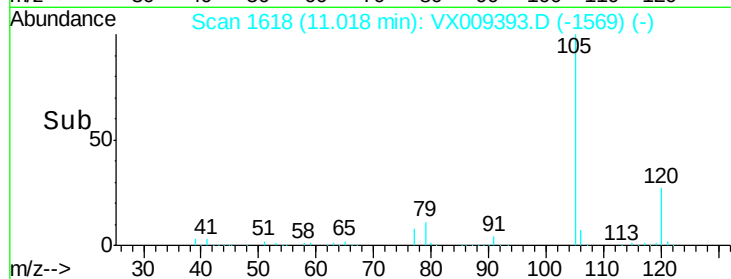
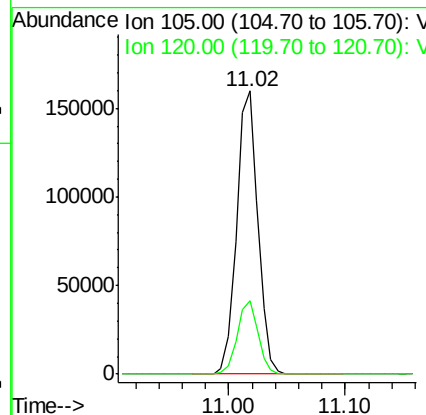
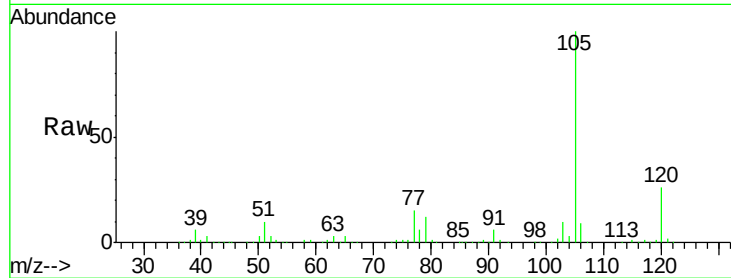
105 100

120 25.6 12.8 38.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 22.918 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Tgt Ion: 43 Resp: 113300

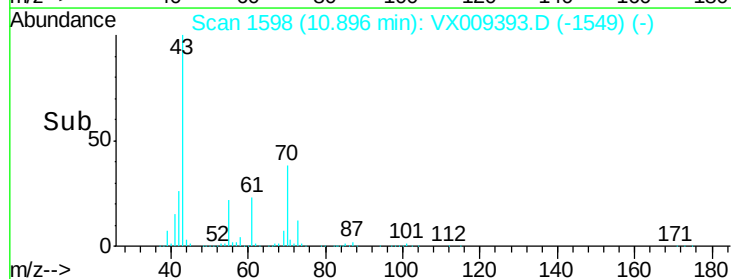
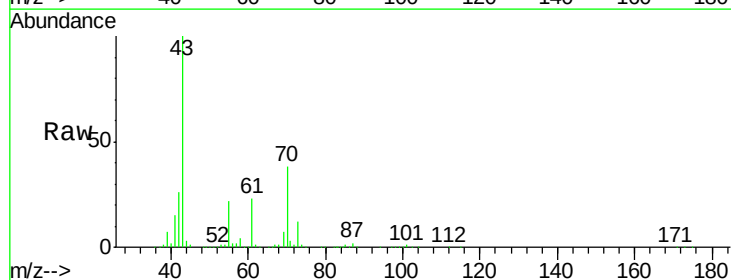
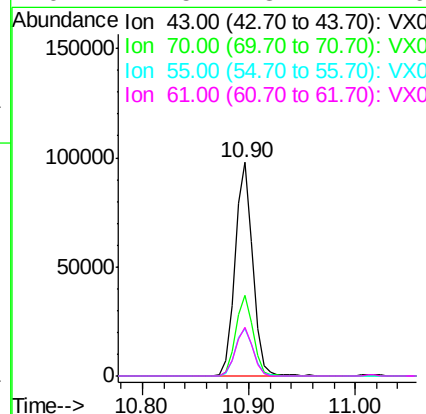
Ion Ratio Lower Upper

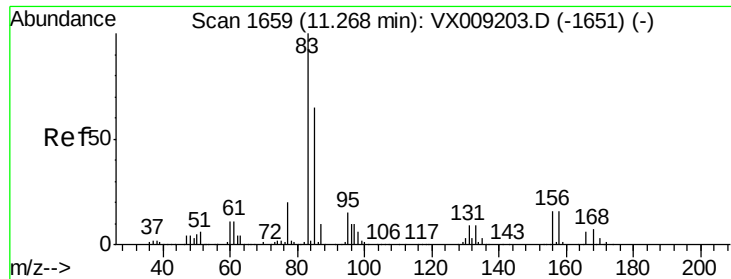
43 100

70 37.7 30.0 45.0

55 22.9 17.9 26.9

61 22.5 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.123 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

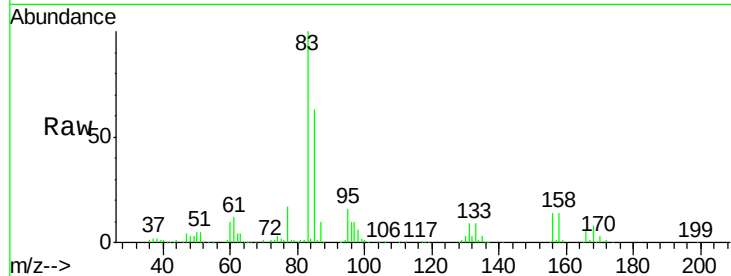
ClientSampleId :

VX0508WBS01

Tot Ion:	83	Resp:	73093
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.6	13.8
85	63.4	32.0	96.2

Manual Integrations
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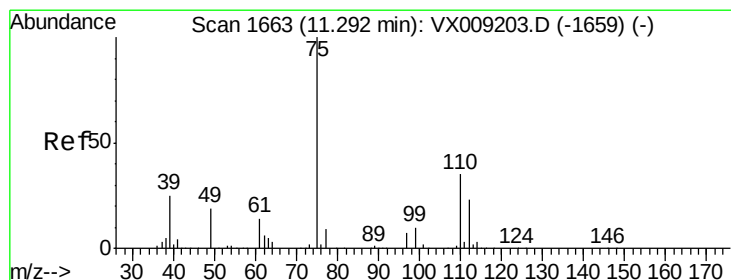
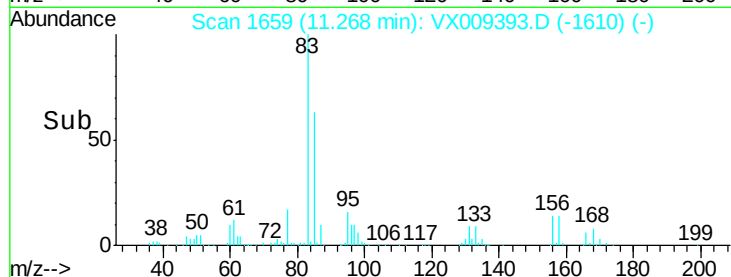
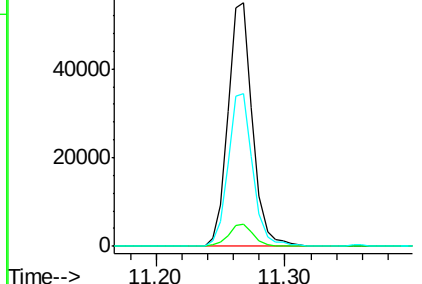
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.575 ug/l m

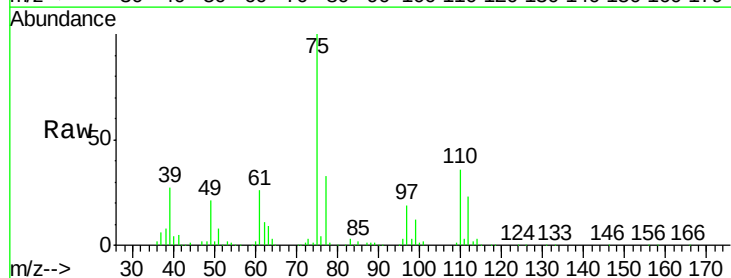
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009393.D

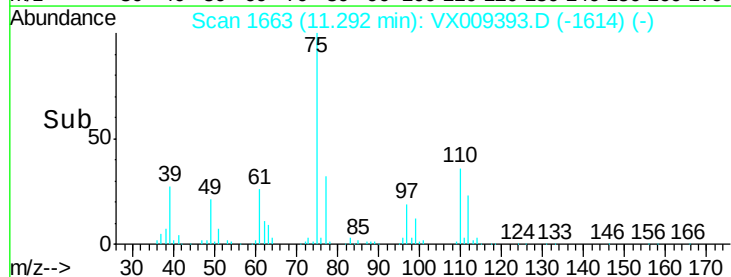
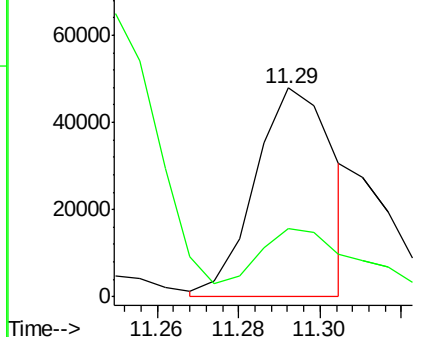
Acq: 08 May 2019 13:13

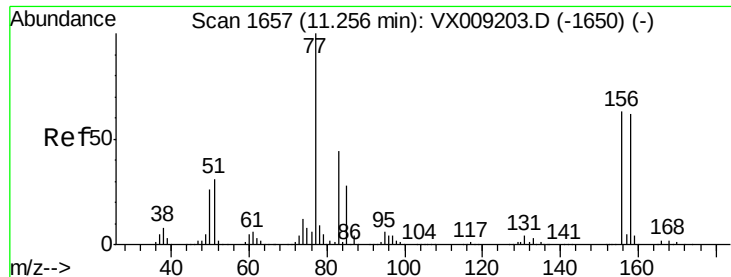
Tgt Ion:	75	Resp:	63769
Ion Ratio	Lower	Upper	
75	100		
77	43.3	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 23.326 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

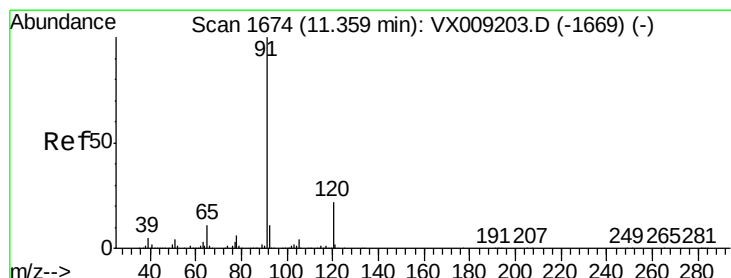
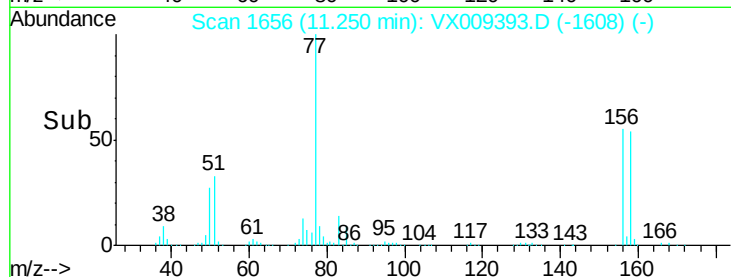
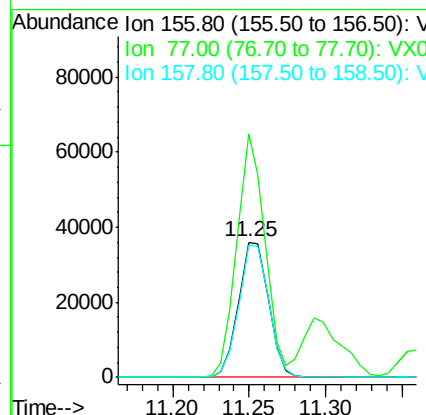
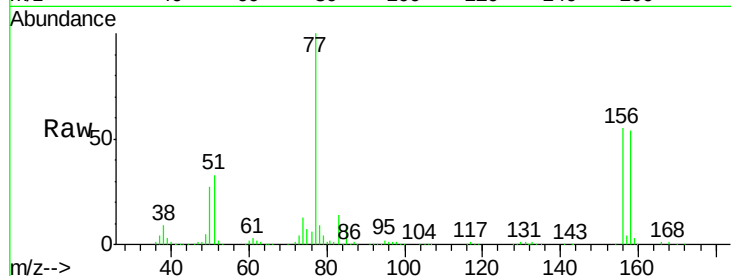
ClientSampled :

VX0508WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	168.9	84.8	254.3
158	98.1	49.1	147.3

Manual Integrations
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5/9/2019 9:49:20 AM



#78

n-propylbenzene

Concen: 24.144 ug/l

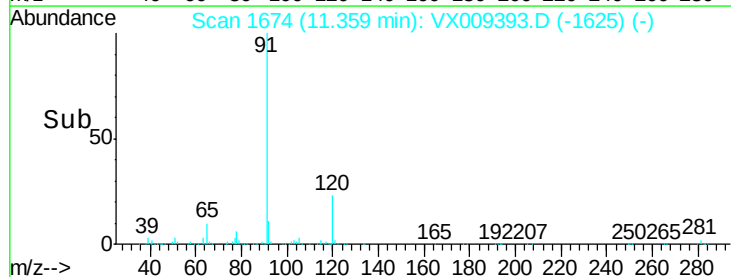
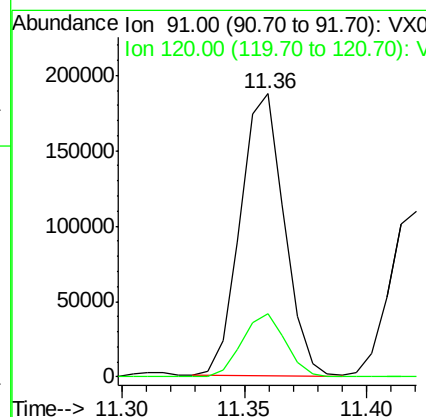
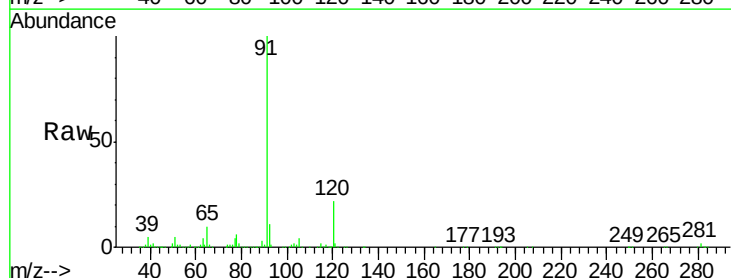
RT: 11.36 min Scan# 1674

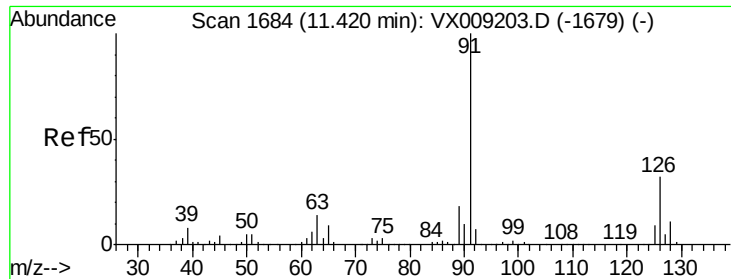
Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.0	33.0





#79

2-Chlorotoluene

Concen: 23.418 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampled :

VX0508WBS01

Tot Ion: 91 Resp: 139916

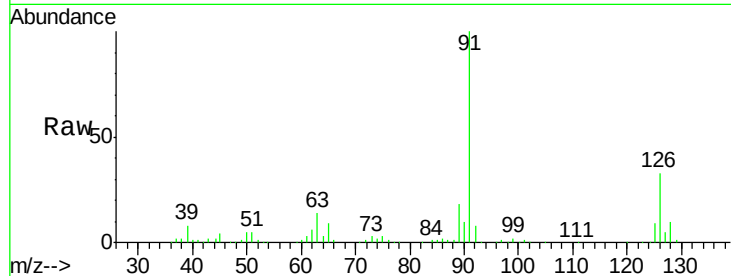
Ion Ratio Lower Upper

91 100

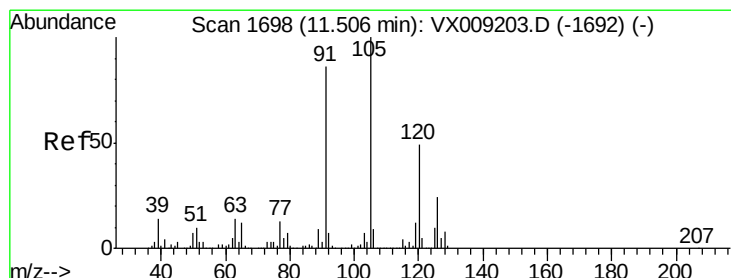
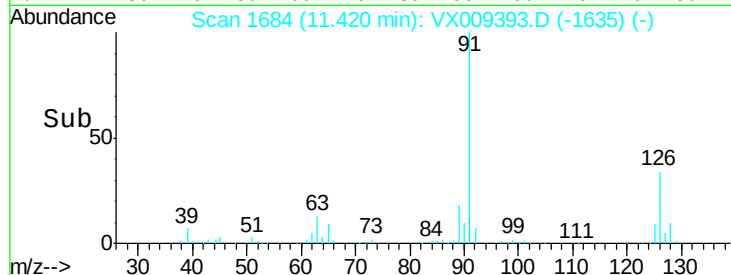
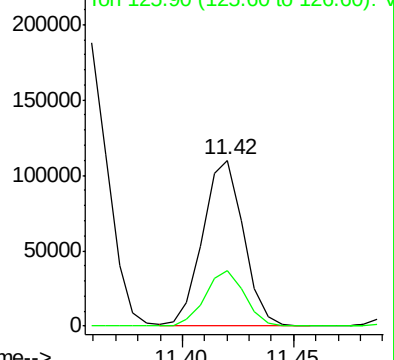
126 32.5 16.3 48.9

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Abundance Ion 91.00 (90.70 to 91.70): VX009393.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 24.071 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009393.D

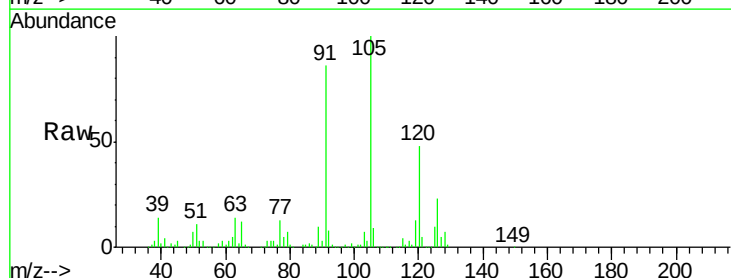
Acq: 08 May 2019 13:13

Tgt Ion: 105 Resp: 171861

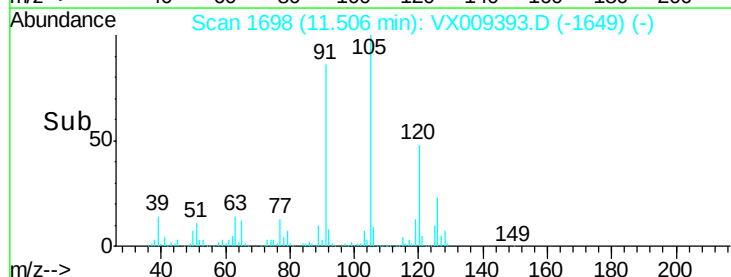
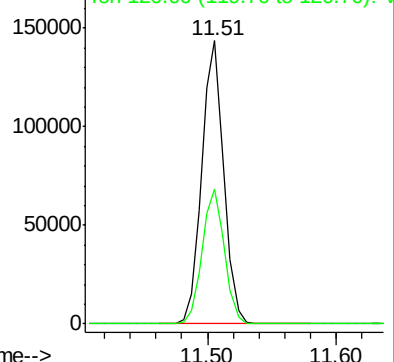
Ion Ratio Lower Upper

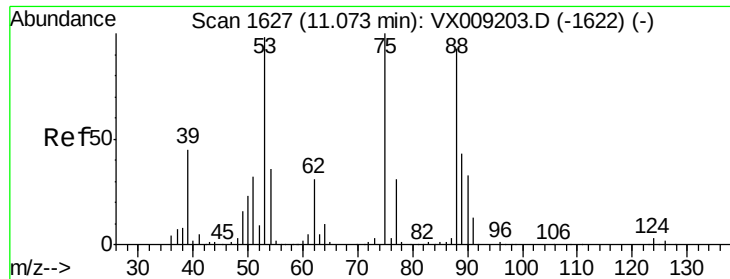
105 100

120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009393.D (-1649) (-)





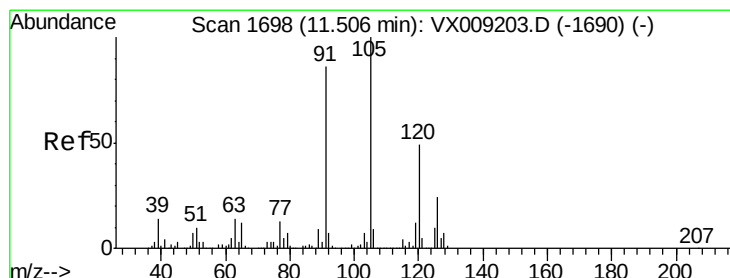
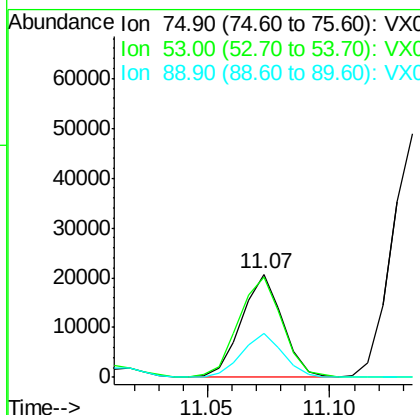
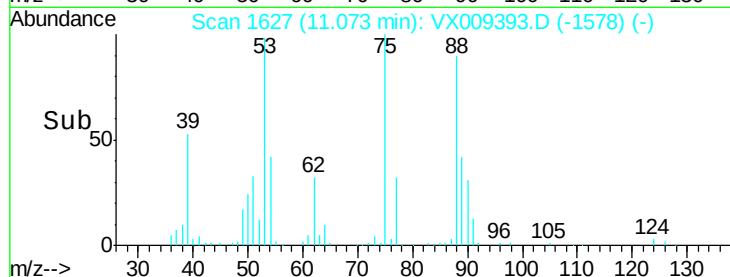
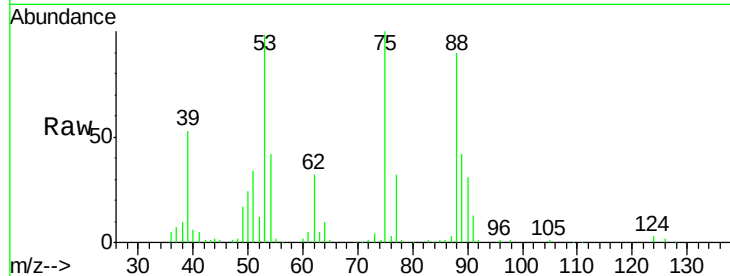
#81
trans-1,4-Dichloro-2-butene
Concen: 22.754 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.5	79.0	118.6
89	43.2	34.7	52.1

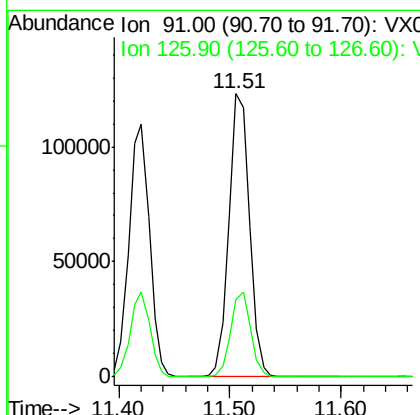
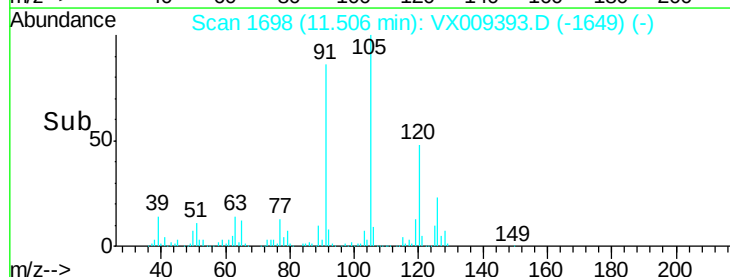
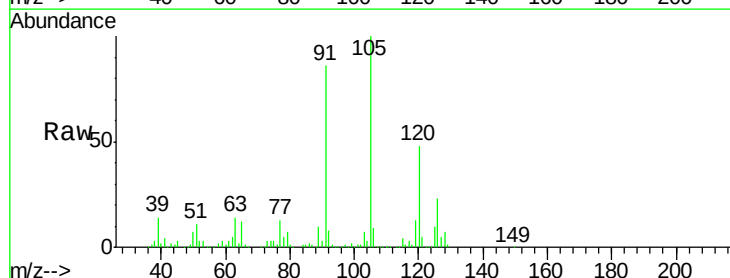
Manual Integrations
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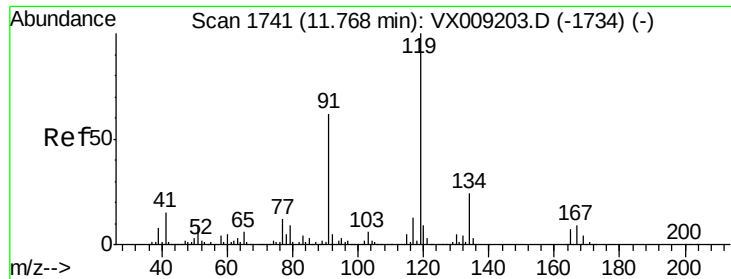
MMDadoda
5/9/2019 9:49:20 AM



#82
4-Chlorotoluene
Concen: 23.420 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.5	43.6





#83

tert-Butylbenzene

Concen: 23.390 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

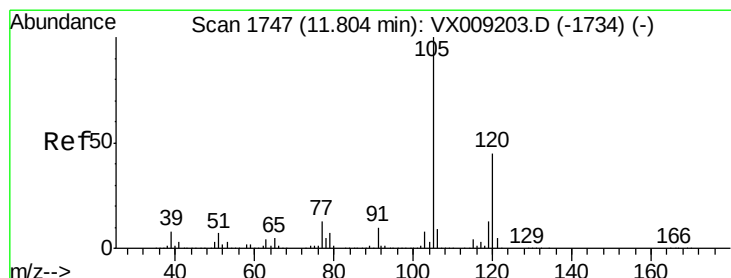
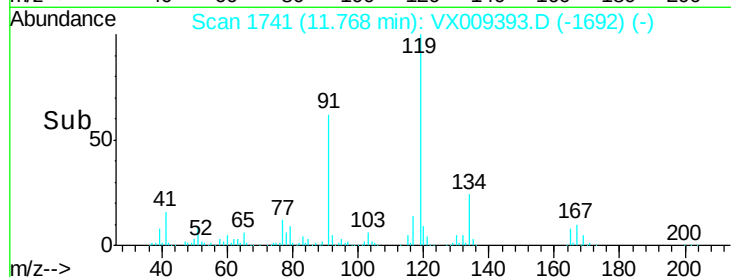
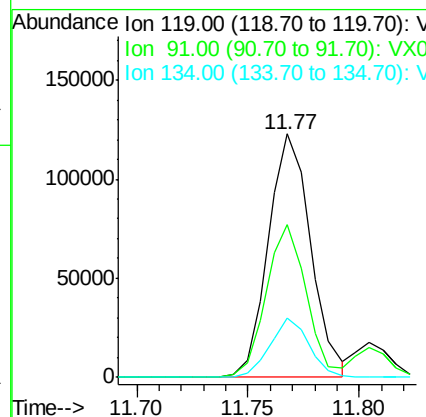
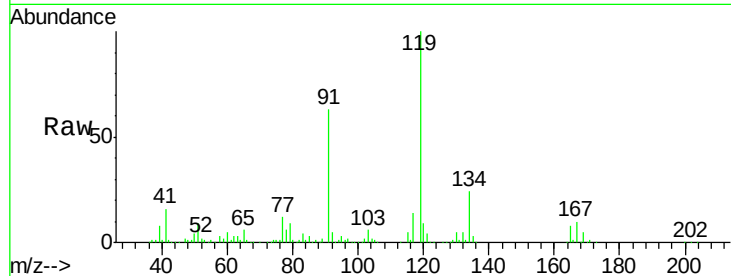
ClientSampleId :

VX0508WBS01

Tot Ion:	119	Resp:	162459
Ion Ratio	Lower	Upper	
119	100		
91	59.7	29.5	88.5
134	22.5	11.4	34.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 24.185 ug/l

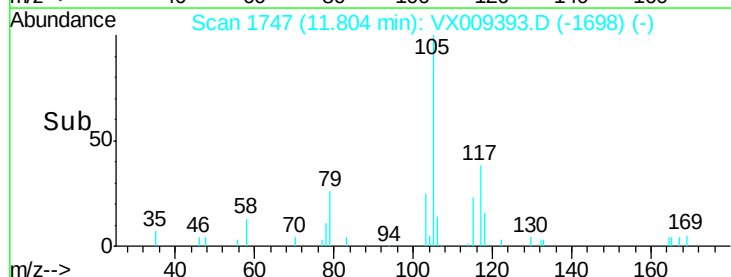
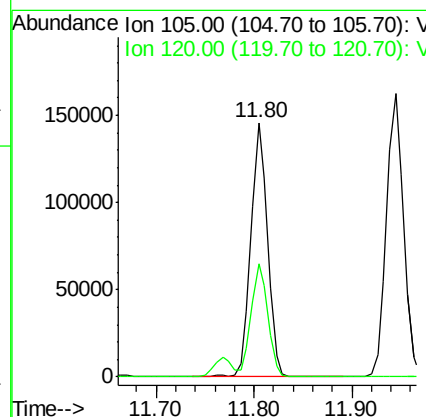
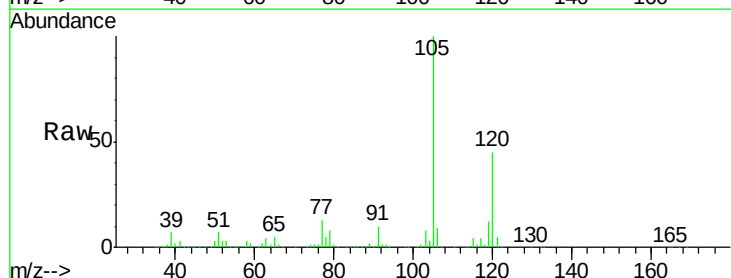
RT: 11.80 min Scan# 1747

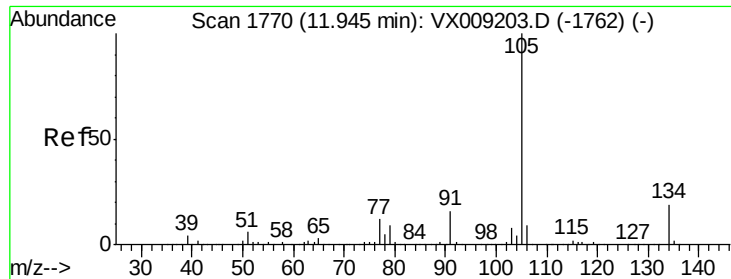
Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Tgt Ion:	105	Resp:	173323
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.0	66.0





#85

sec-Butylbenzene

Concen: 24.019 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

Tot Ion:105 Resp: 197785

Ion Ratio Lower Upper

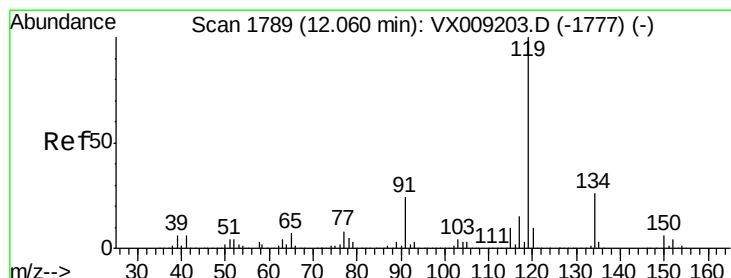
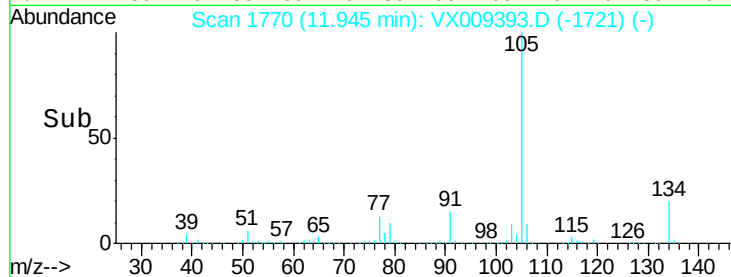
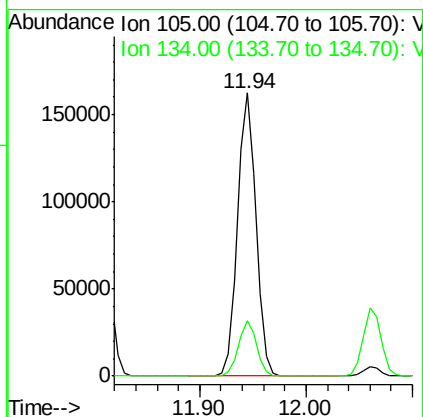
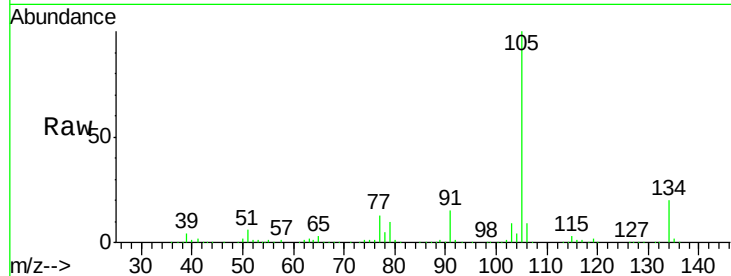
105 100

134 19.3 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 24.067 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

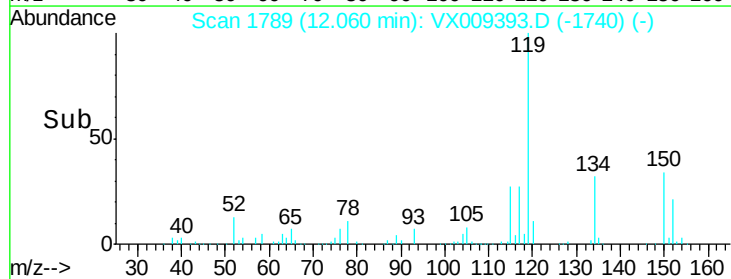
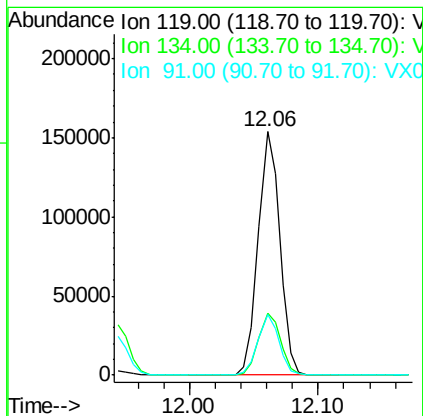
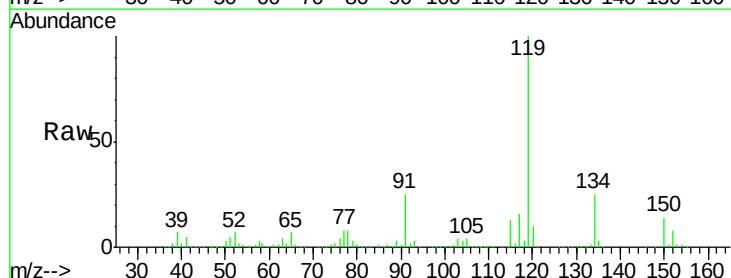
Tgt Ion:119 Resp: 178163

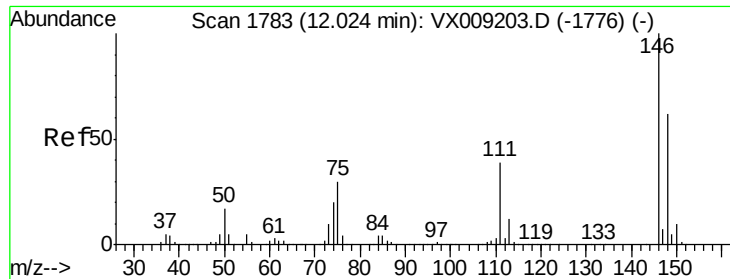
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

91 24.3 11.8 35.4





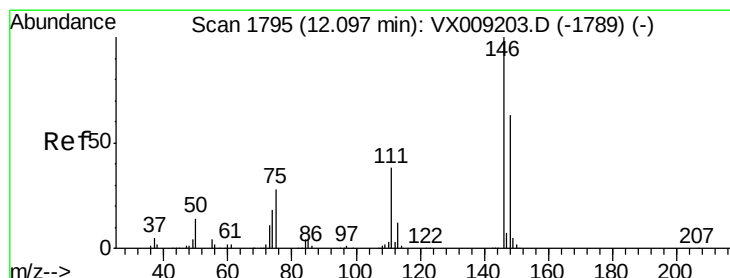
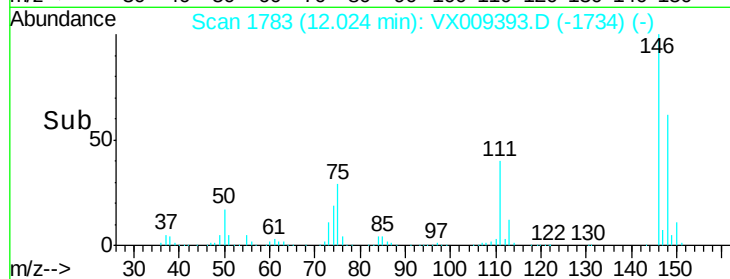
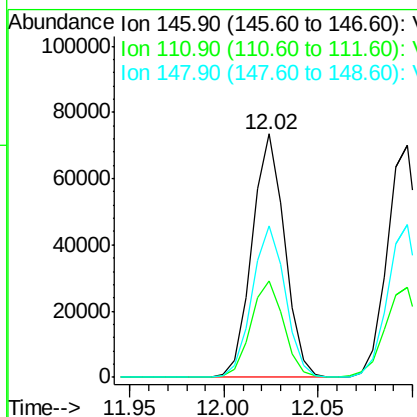
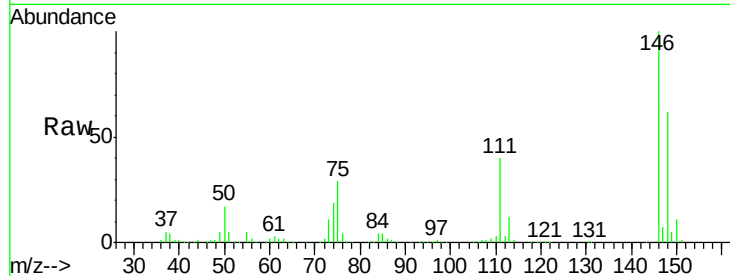
#87
 1,3-Dichlorobenzene
 Concen: 23.475 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Instrument :
 MSVOA_X
 ClientSampled :
 VX0508WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	63.3	31.8	95.3

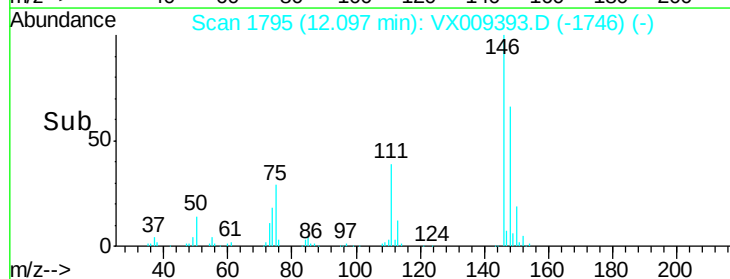
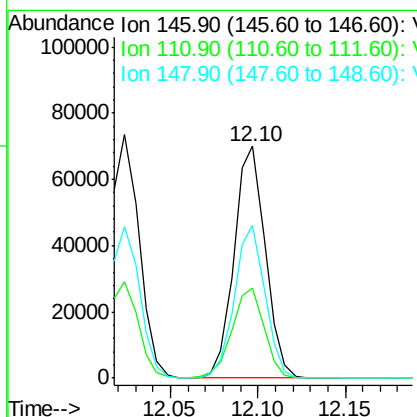
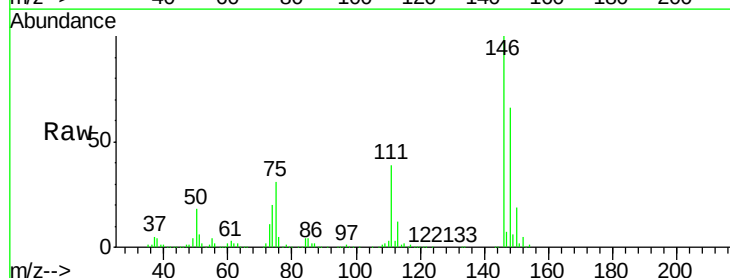
Manual Integrations
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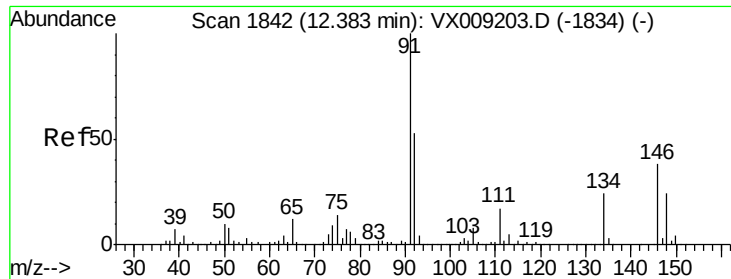
MMDadoda
 5/9/2019 9:49:20 AM



#88
 1,4-Dichlorobenzene
 Concen: 22.946 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.8
148	64.7	31.8	95.3





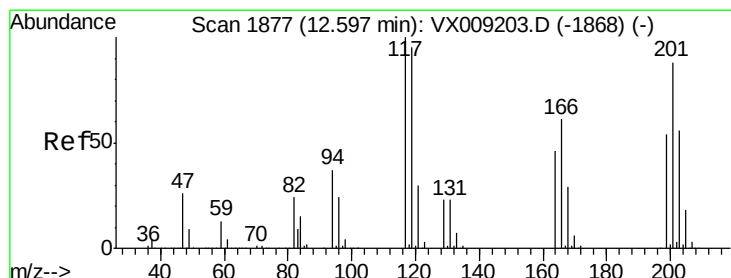
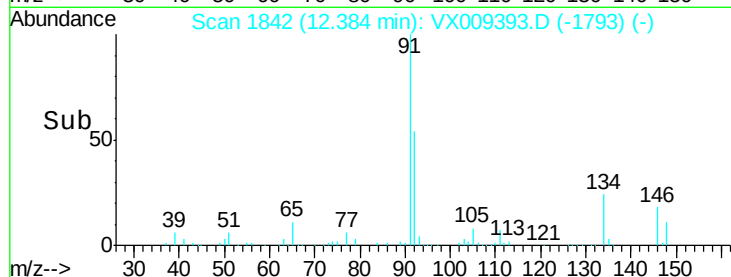
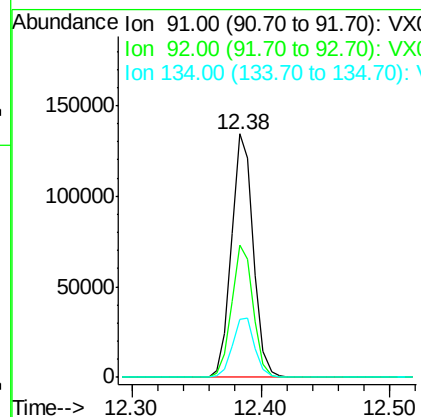
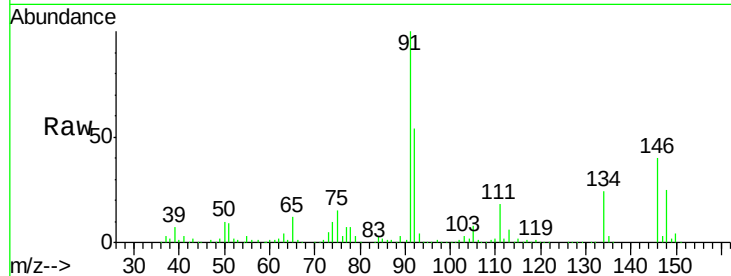
#89
n-Butylbenzene
Concen: 23.969 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.5	79.5
134	24.8	12.4	37.2

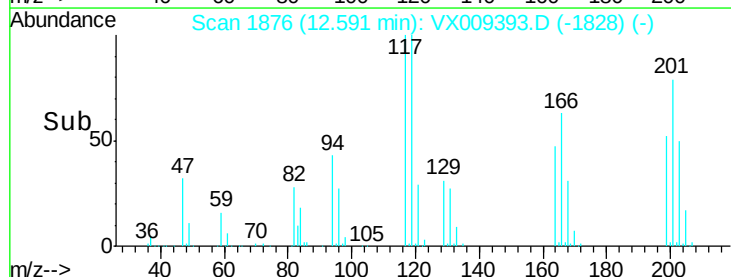
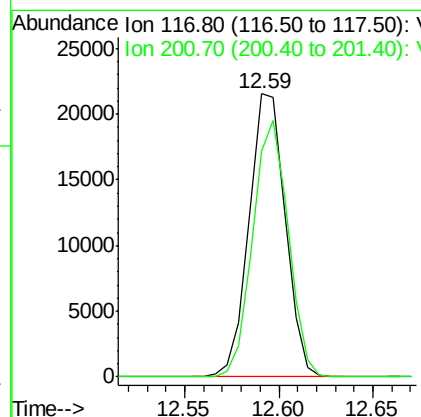
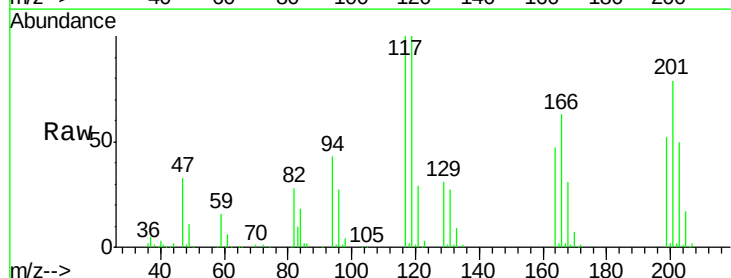
Manual Integrations
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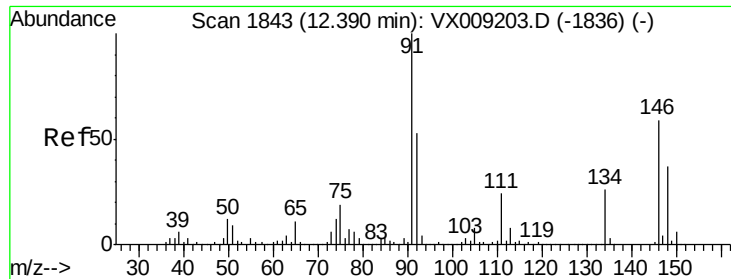
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#90
Hexachloroethane
Concen: 22.879 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	42.3	126.9





#91

1,2-Dichlorobenzene

Concen: 23.331 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

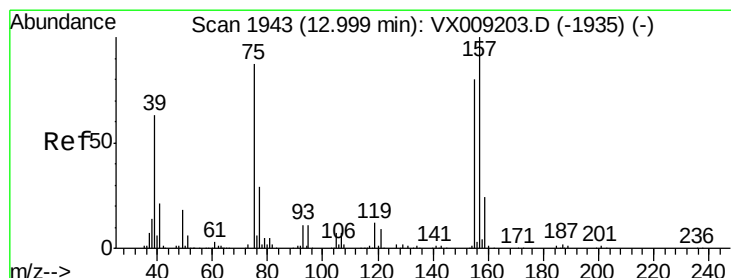
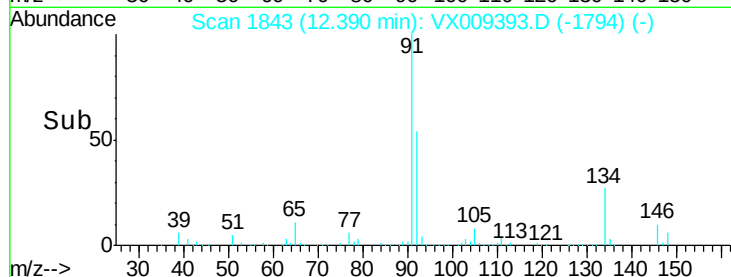
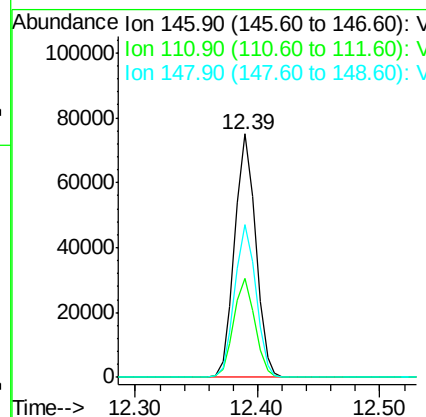
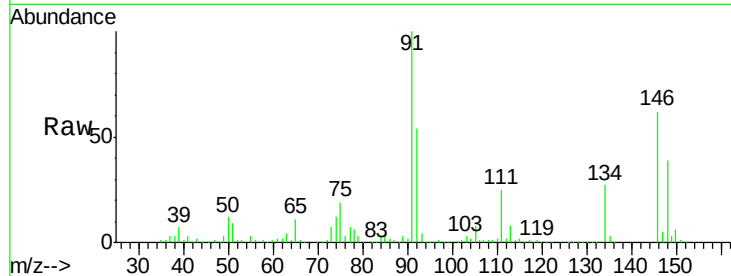
ClientSampled :

VX0508WBS01

Tot Ion:	146	Resp:	89160
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.8	62.4
148	63.4	31.9	95.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 23.258 ug/l

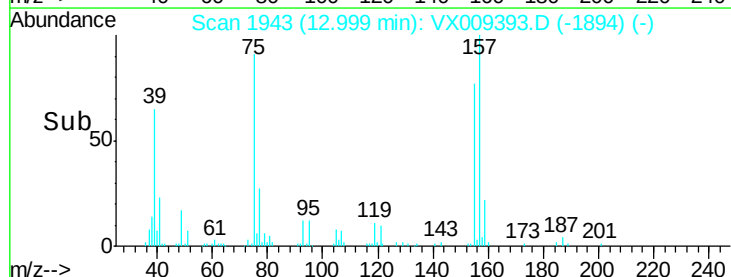
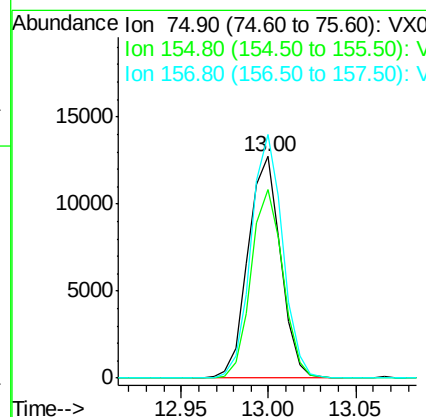
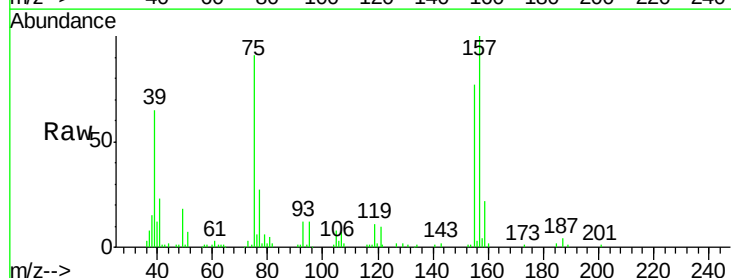
RT: 13.00 min Scan# 1943

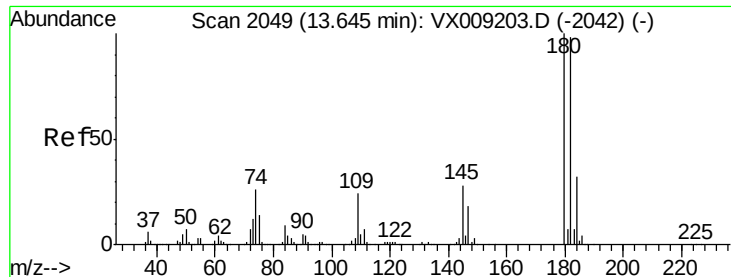
Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Tgt Ion:	75	Resp:	16493
Ion Ratio	Lower	Upper	
75	100		
155	82.9	42.0	126.0
157	106.8	53.2	159.6





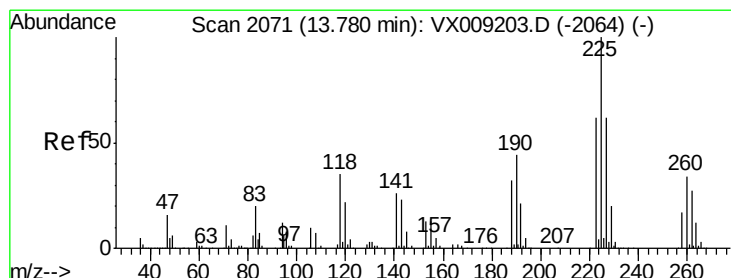
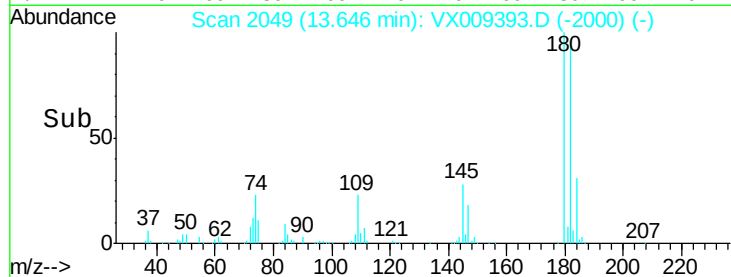
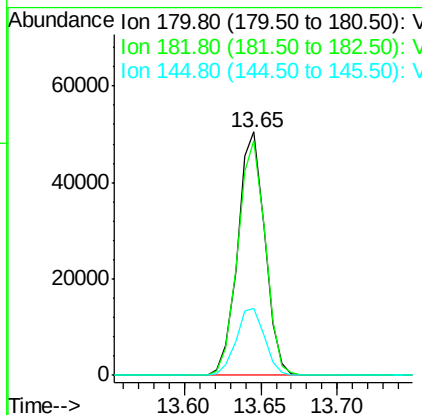
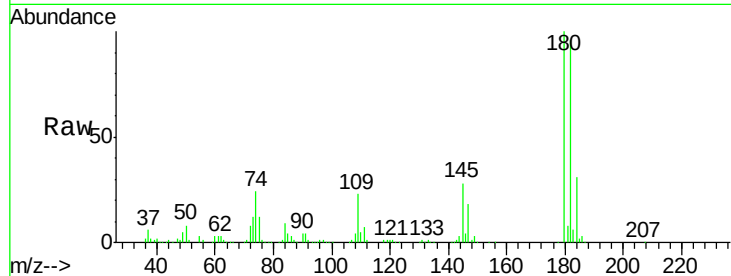
#93
 1,2,4-Trichlorobenzene
 Concen: 23.773 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.4	145.2
145	28.7	14.6	43.8

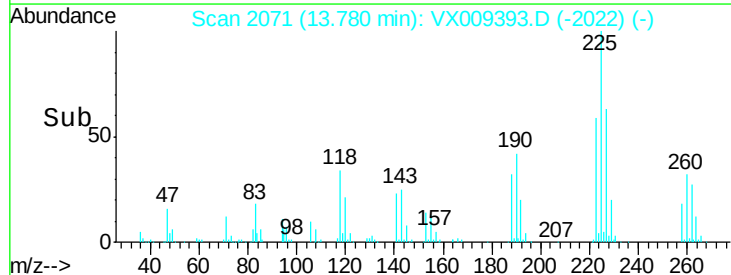
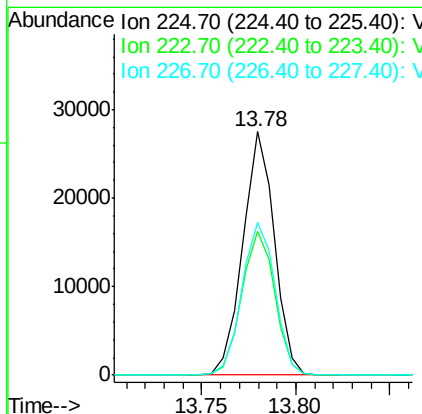
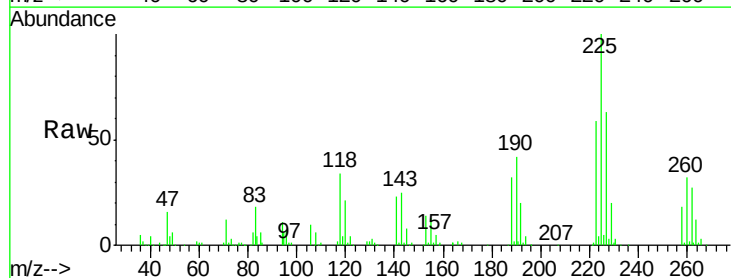
Manual Integrations
 APPROVED

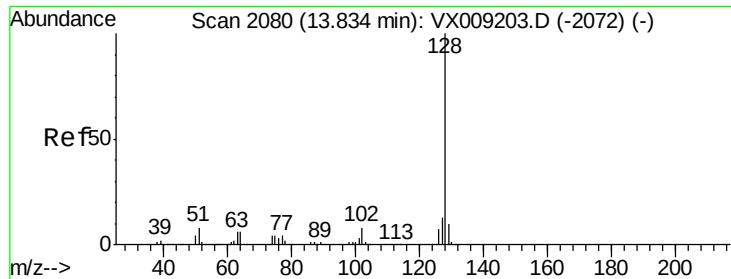
MMDadoda
 5/9/2019 9:49:20 AM



#94
 Hexachlorobutadiene
 Concen: 23.980 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.3	93.8
227	65.5	31.8	95.3





#95

Naphthalene

Concen: 24.560 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

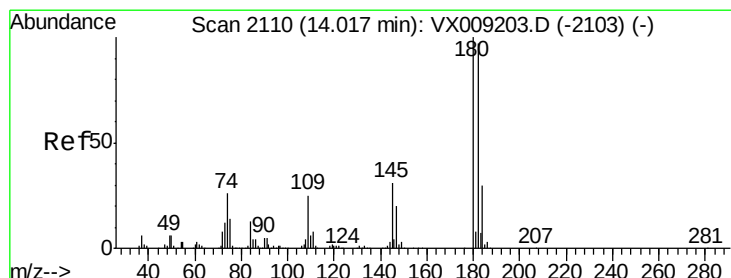
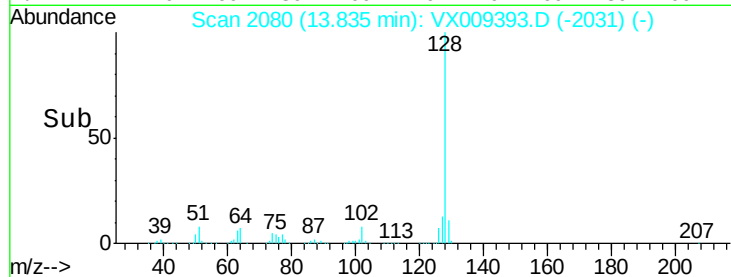
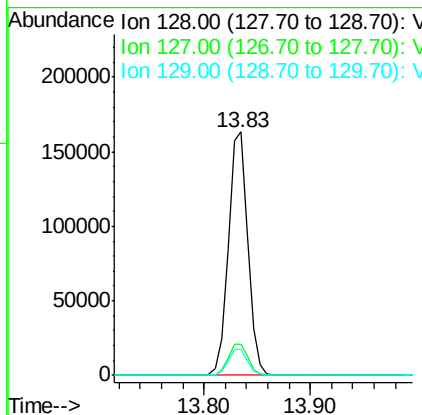
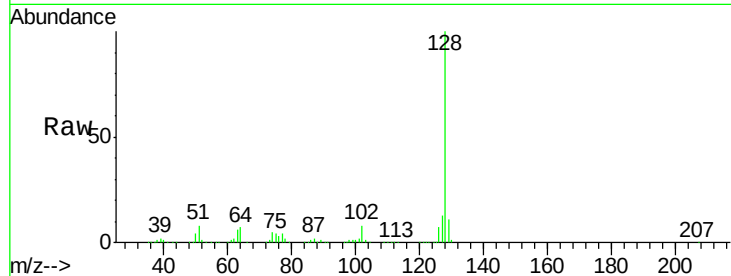
ClientSampleId :

VX0508WBS01

Tot Ion:	128	Resp:	208810
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/9/2019 9:49:20 AM



#96

1,2,3-Trichlorobenzene

Concen: 24.394 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Tgt Ion:	180	Resp:	64621
Ion Ratio		Lower	Upper
180	100		
182	95.7	47.8	143.4
145	31.4	15.4	46.4

