

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010101.D
 Acq On : 07 Jun 2019 11:29
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 10:53:23 AM

Quant Time: Jun 08 02:00:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 13:02:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	389441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	583746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	520780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	3056	0.790 ug/l	100
3) Chloromethane	1.33	50	4159	1.175 ug/l	92
4) Vinyl Chloride	1.41	62	3366	1.012 ug/l	94
6) Chloroethane	1.72	64	1594m	0.858 ug/l	
7) Trichlorofluoromethane	1.93	101	5459	1.122 ug/l	85
8) Diethyl Ether	2.18	74	2033	1.259 ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3726	1.136 ug/l #	86
12) 1,1-Dichloroethene	2.37	96	3898	1.153 ug/l #	78
14) Allyl chloride	2.73	41	6013	1.186 ug/l #	87
15) Acrylonitrile	3.14	53	10269	5.503 ug/l	99
16) Acetone	2.44	43	10446	6.077 ug/l	92
17) Carbon Disulfide	2.57	76	12509	1.314 ug/l #	90
18) Methyl Acetate	2.77	43	4596	1.243 ug/l #	75
19) Methyl tert-butyl Ether	3.19	73	12340	1.141 ug/l #	89
20) Methylene Chloride	2.85	84	4649	1.249 ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	4910	1.343 ug/l #	71
22) Diisopropyl ether	3.85	45	10616	1.067 ug/l #	83
23) Vinyl Acetate	3.81	43	46480	5.183 ug/l #	87
24) 1,1-Dichloroethane	3.69	63	6914	1.181 ug/l	97
25) 2-Butanone	4.68	43	13662	5.193 ug/l #	80
26) 2,2-Dichloropropane	4.58	77	6065	1.126 ug/l #	75
27) cis-1,2-Dichloroethene	4.59	96	4679	1.122 ug/l	85
28) Bromochloromethane	5.02	49	3249	1.228 ug/l #	59
29) Tetrahydrofuran	5.13	42	9125	5.614 ug/l #	77
30) Chloroform	5.21	83	6835	1.103 ug/l #	81
32) 1,1,1-Trichloroethane	5.49	97	7092	1.255 ug/l #	47
36) 1,1-Dichloropropene	5.79	75	5211	1.143 ug/l #	66
37) Ethyl Acetate	4.84	43	5417	1.128 ug/l #	76
38) Carbon Tetrachloride	5.79	117	6159	1.192 ug/l	88
39) Methylcyclohexane	7.46	83	7251	1.175 ug/l #	80
40) Benzene	6.14	78	15873	1.106 ug/l	97
41) Methacrylonitrile	5.05	41	2921	1.114 ug/l #	78
42) 1,2-Dichloroethane	6.20	62	5074	1.113 ug/l #	70
43) Isopropyl Acetate	6.45	43	9120	1.140 ug/l #	87

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	5189	1.226	ug/l	68
45) 1,2-Dichloropropane	7.52	63	4051	1.129	ug/l	100
46) Dibromomethane	7.66	93	3290	1.274	ug/l	94
47) Bromodichloromethane	7.90	83	5405	1.073	ug/l #	93
48) Methyl methacrylate	7.77	41	4010	1.035	ug/l #	70
49) 1,4-Dioxane	7.75	88	2513	23.576	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	26224	5.249	ug/l #	83
52) Toluene	8.78	92	10838	1.165	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	6418	1.097	ug/l #	88
54) cis-1,3-Dichloropropene	8.44	75	7069	1.139	ug/l	88
55) 1,1,2-Trichloroethane	9.21	97	4130	1.061	ug/l	97
56) Ethyl methacrylate	9.18	69	6550	1.050	ug/l #	87
57) 1,3-Dichloropropane	9.37	76	7038	1.164	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	16103	5.410	ug/l #	81
59) 2-Hexanone	9.49	43	20961	5.303	ug/l	88
60) Dibromochloromethane	9.58	129	4999	1.086	ug/l	97
61) 1,2-Dibromoethane	9.67	107	4968	1.163	ug/l	94
64) Tetrachloroethene	9.34	164	4546	1.255	ug/l	93
65) Chlorobenzene	10.13	112	11980	1.155	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	4335	1.084	ug/l #	60
67) Ethyl Benzene	10.25	91	20017	1.132	ug/l	94
68) m/p-Xylenes	10.36	106	15787	2.306	ug/l	91
69) o-Xylene	10.69	106	8080	1.200	ug/l	83
70) Styrene	10.71	104	13399	1.145	ug/l	94
71) Bromoform	10.85	173	4018	1.083	ug/l #	99
73) Isopropylbenzene	11.02	105	19446	1.108	ug/l	93
74) N-amyl acetate	10.90	43	7507	1.072	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	11.26	83	7024	1.183	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	6215m	1.253	ug/l	
77) Bromobenzene	11.25	156	5608	1.169	ug/l	80
78) n-propylbenzene	11.36	91	21384	1.085	ug/l	93
79) 2-Chlorotoluene	11.42	91	13462	1.149	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	17347	1.182	ug/l	97
82) 4-Chlorotoluene	11.51	91	14883	1.098	ug/l	88
83) tert-Butylbenzene	11.77	119	17019	1.146	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	16920	1.137	ug/l	97
85) sec-Butylbenzene	11.94	105	19951	1.149	ug/l	95
86) p-Isopropyltoluene	12.06	119	17961	1.124	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	9851	1.162	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	10256m	1.228	ug/l	
89) n-Butylbenzene	12.38	91	15331	1.107	ug/l	95
90) Hexachloroethane	12.59	117	3619	1.147	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	9641	1.174	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1594	1.169	ug/l	80
93) 1,2,4-Trichlorobenzene	13.65	180	7462	1.274	ug/l	97
94) Hexachlorobutadiene	13.78	225	3265	1.253	ug/l	98
95) Naphthalene	13.83	128	21506	1.138	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	7029	1.211	ug/l	97

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VSTDICC001

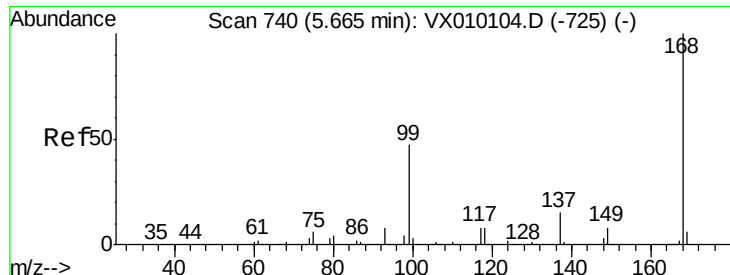
Manual Integrations
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Quant Time: Jun 08 02:00:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 389441

Ion Ratio Lower Upper

168 100

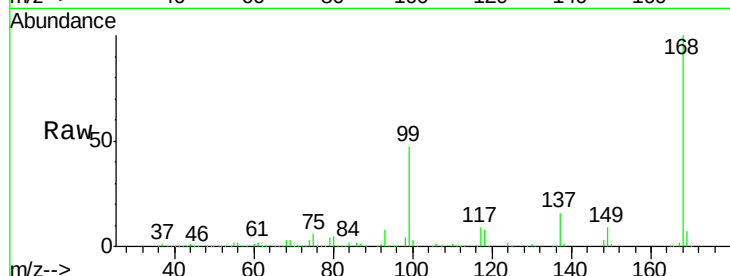
99 46.8 43.0 64.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

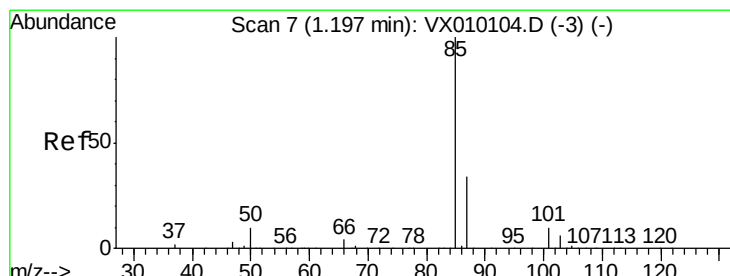
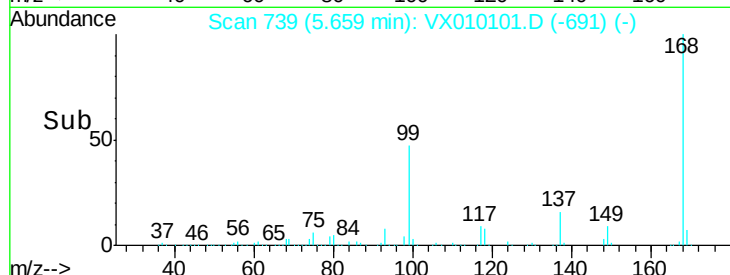
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.790 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010101.D

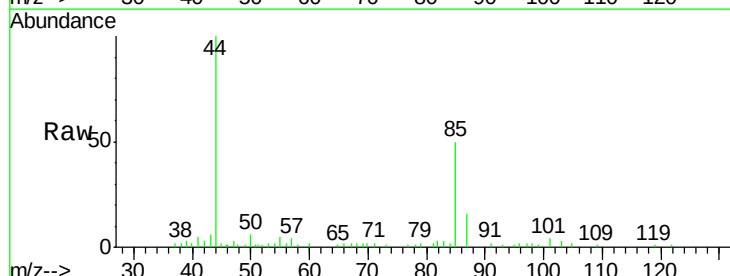
Acq: 07 Jun 2019 11:29

Tgt Ion: 85 Resp: 3056

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

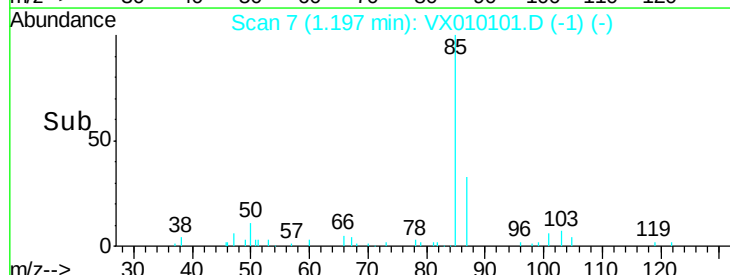
3000

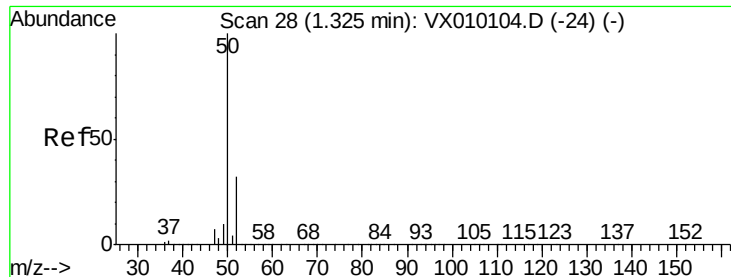
2000

1000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 1.175 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4159

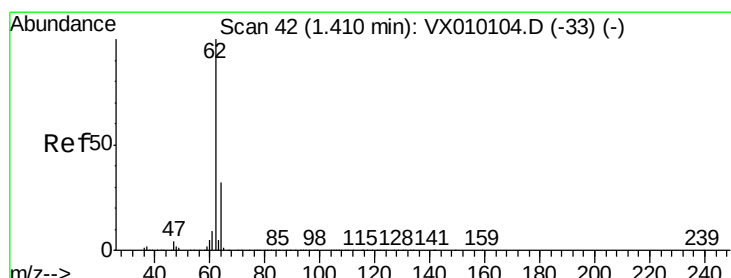
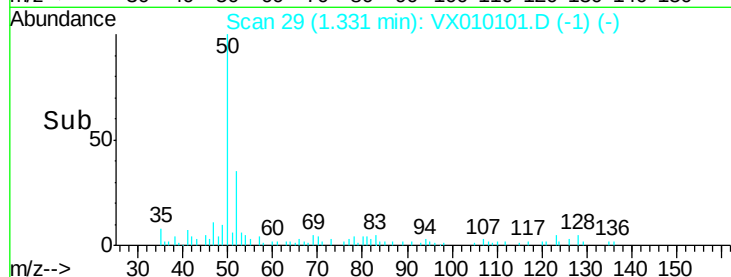
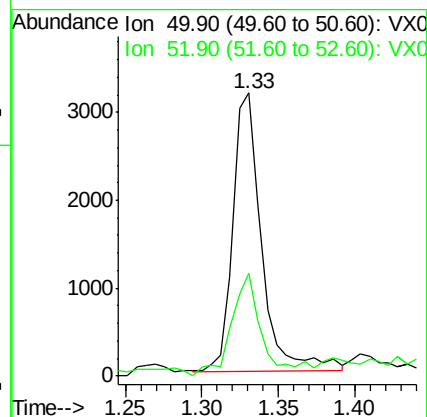
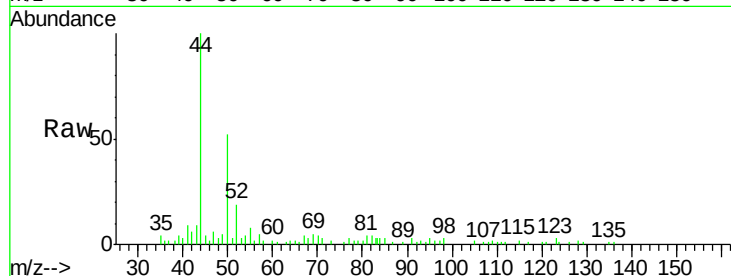
Ion Ratio Lower Upper

50 100

52 37.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 1.012 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010101.D

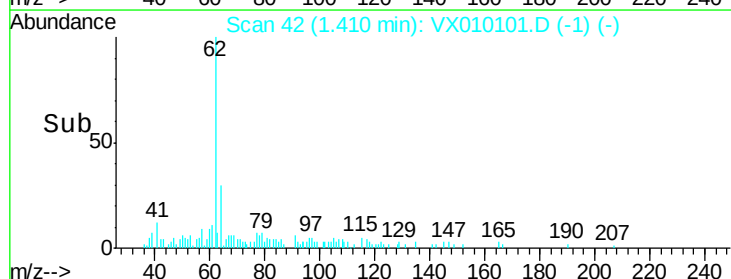
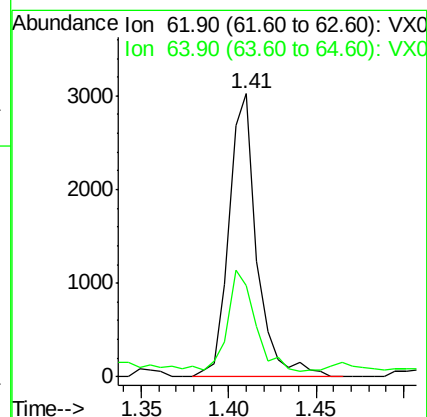
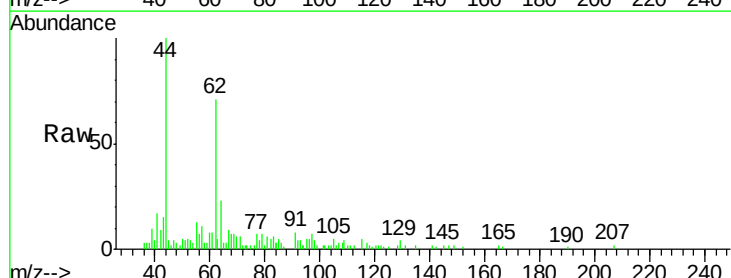
Acq: 07 Jun 2019 11:29

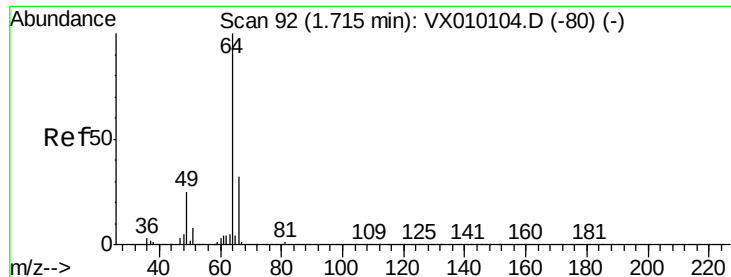
Tgt Ion: 62 Resp: 3366

Ion Ratio Lower Upper

62 100

64 28.7 25.7 38.5





#6

Chloroethane

Concen: 0.858 ug/l m

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1594

Ion Ratio Lower Upper

64 100

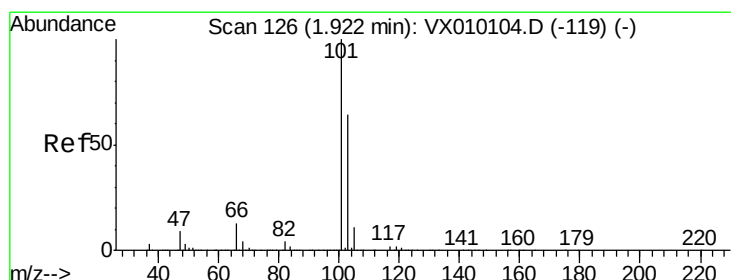
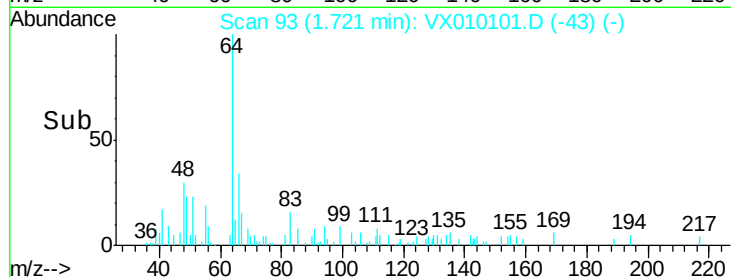
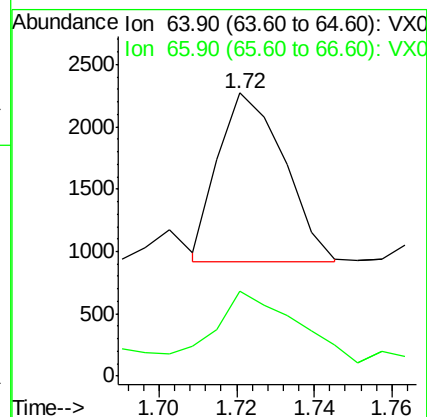
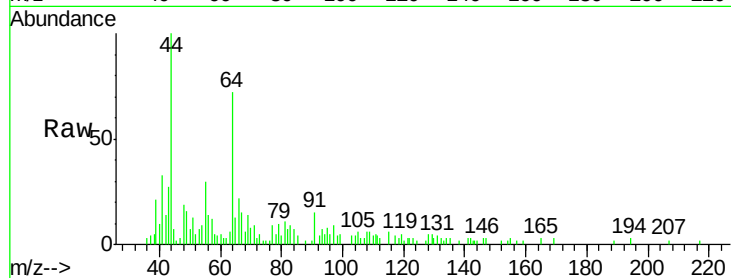
66 30.0 25.1 37.7

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.122 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX010101.D

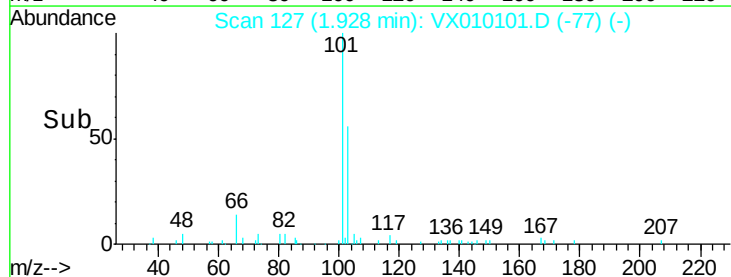
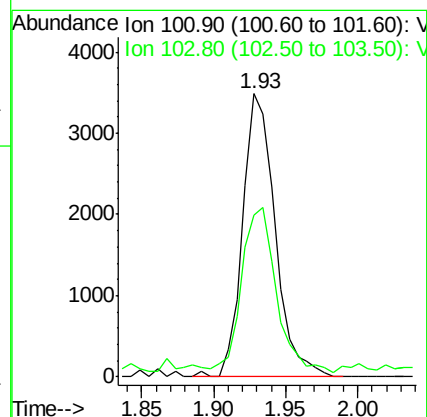
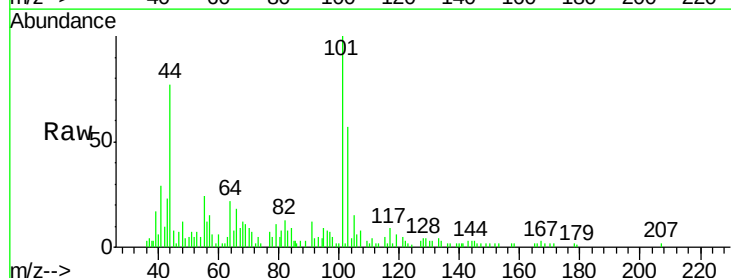
Acq: 07 Jun 2019 11:29

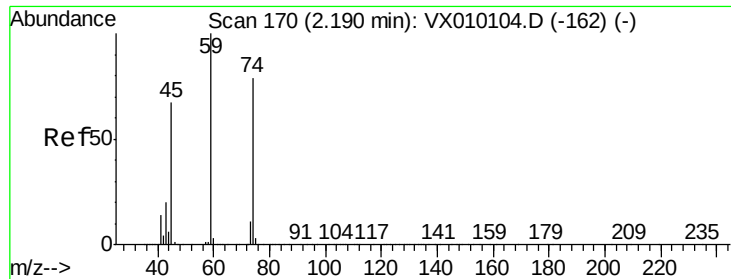
Tgt Ion: 101 Resp: 5459

Ion Ratio Lower Upper

101 100

103 53.3 52.2 78.4





#8

Diethyl Ether

Concen: 1.259 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 2033

Ion Ratio Lower Upper

74 100

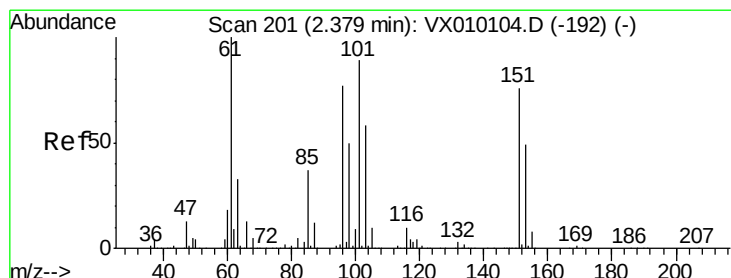
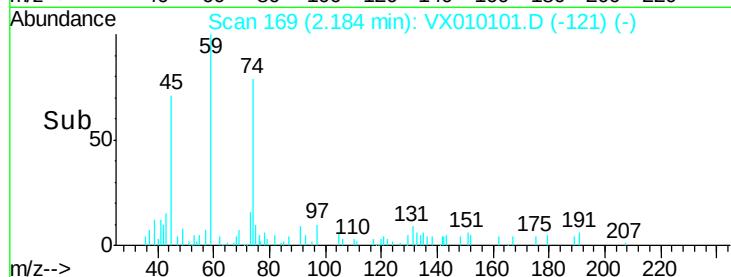
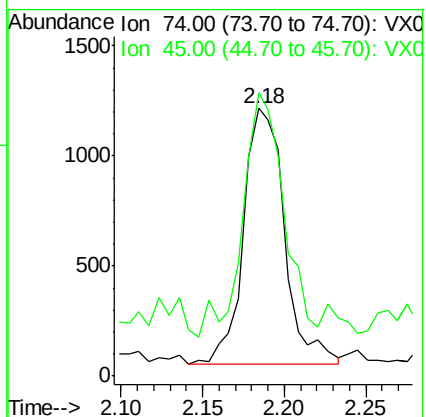
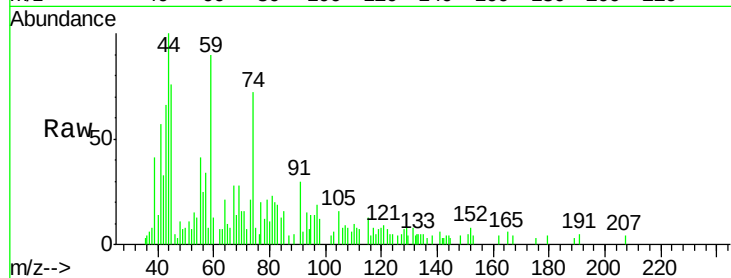
45 95.2 56.1 168.3

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.136 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

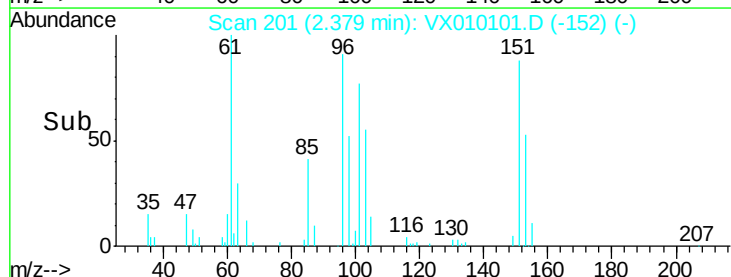
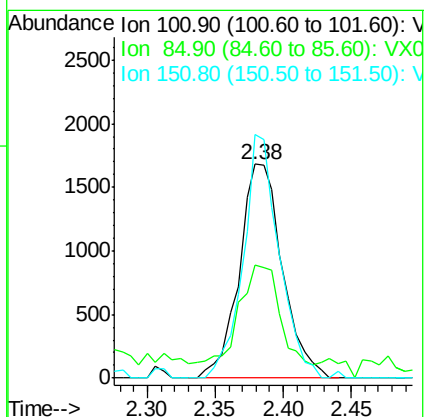
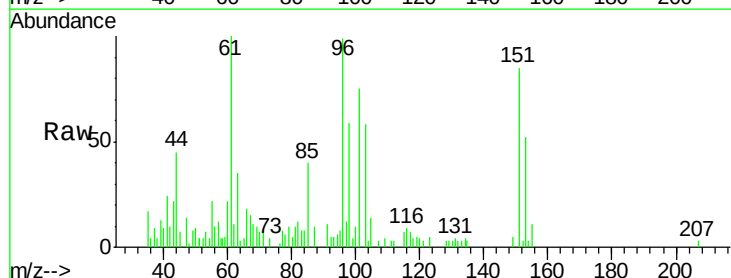
Tgt Ion: 101 Resp: 3726

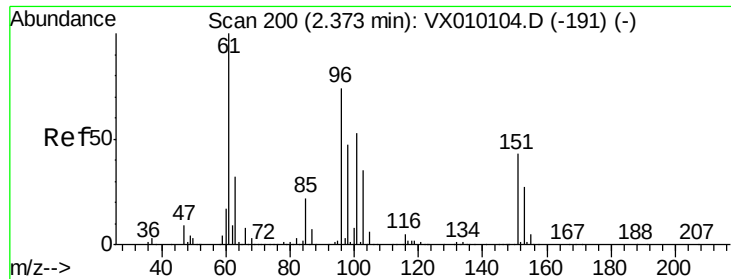
Ion Ratio Lower Upper

101 100

85 42.4 35.2 52.8

151 95.1 61.9 92.9#





#12

1,1-Dichloroethene

Concen: 1.153 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

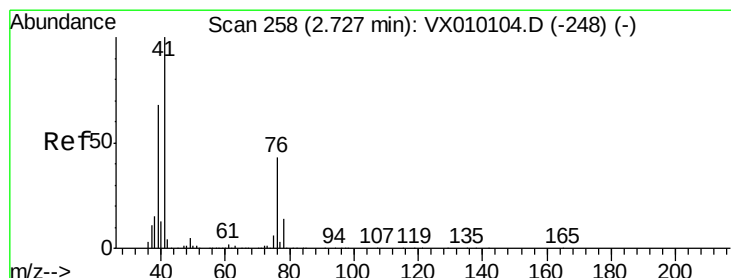
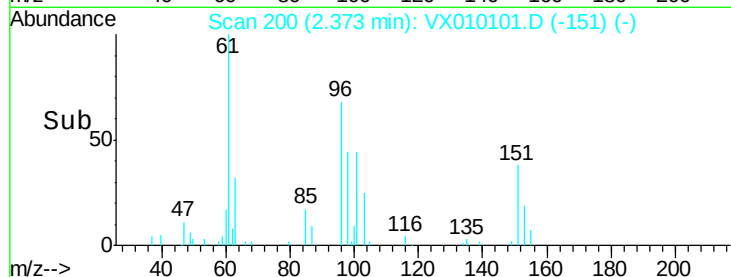
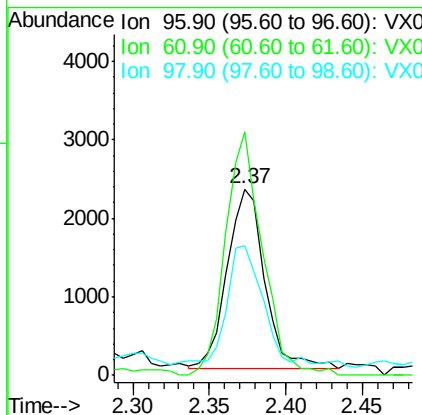
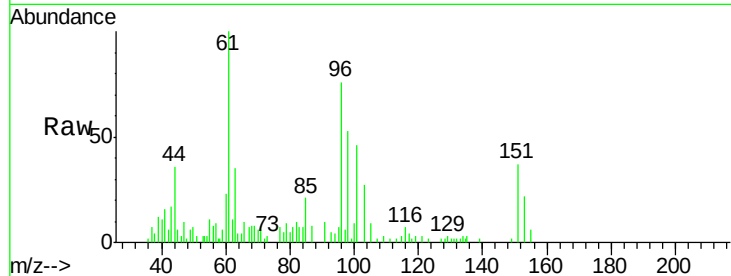
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3898
Ion	Ratio	Lower	Upper
96	100		
61	135.8	140.7	211.1#
98	64.2	50.1	75.1

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#14

Allyl chloride

Concen: 1.186 ug/l

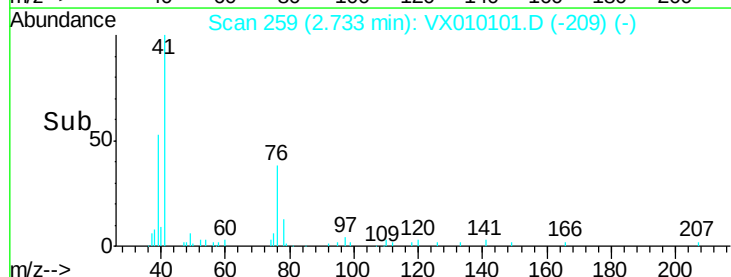
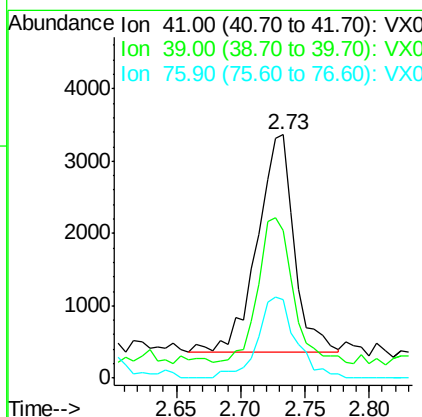
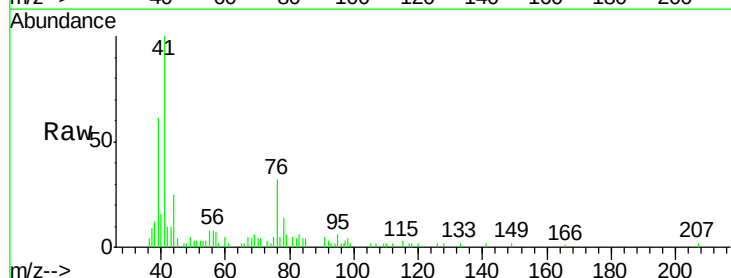
RT: 2.73 min Scan# 259

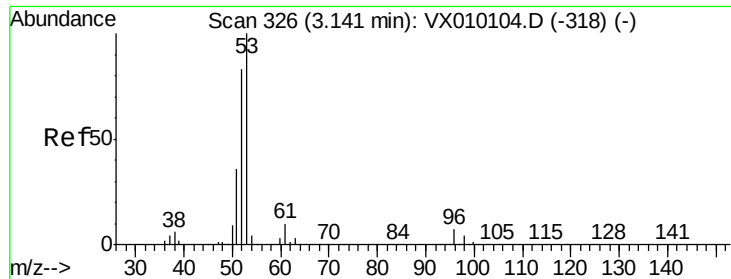
Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion:	41	Resp:	6013
Ion	Ratio	Lower	Upper
41	100		
39	63.8	46.7	70.1
76	38.7	21.0	31.4#





#15

Acrylonitrile

Concen: 5.503 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

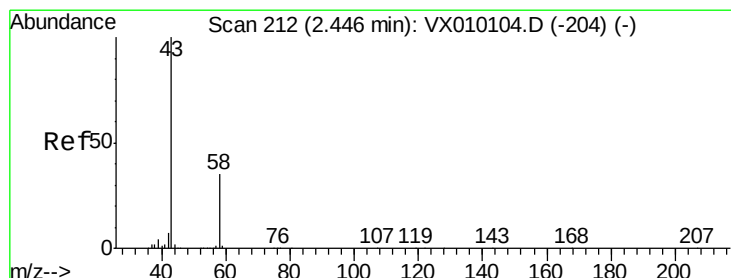
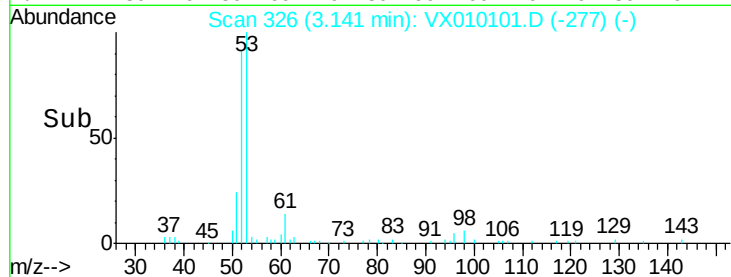
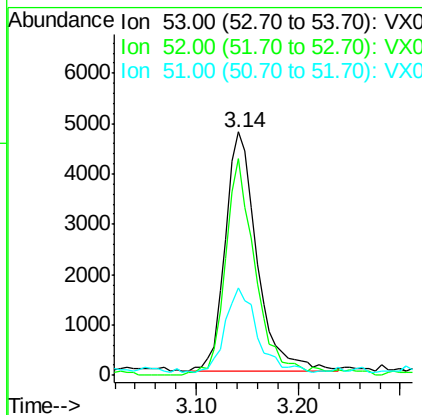
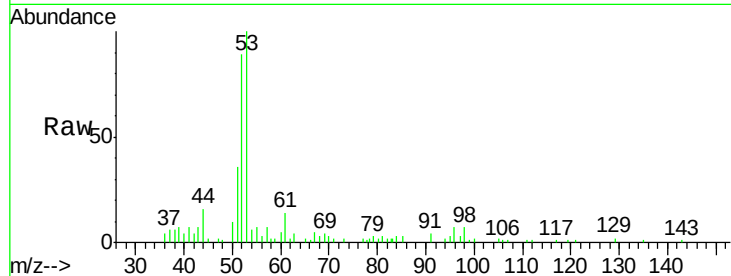
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	10269
Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.7	100.1
51	36.9	28.8	43.2

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#16

Acetone

Concen: 6.077 ug/l

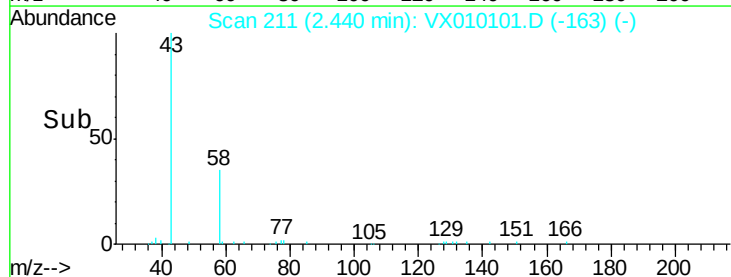
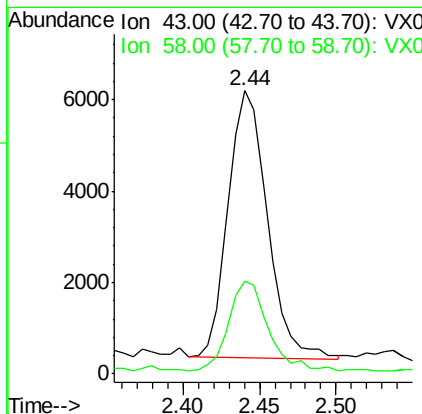
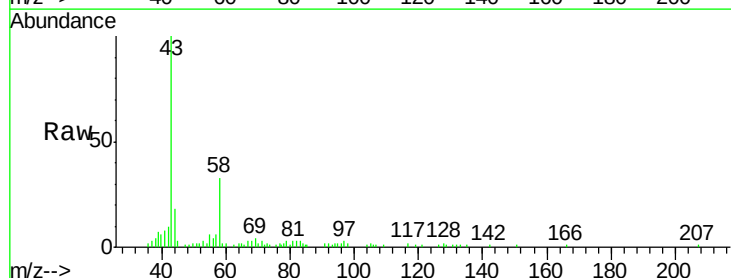
RT: 2.44 min Scan# 211

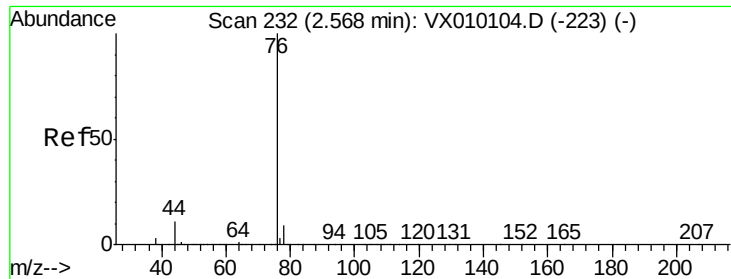
Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion:	43	Resp:	10446
Ion	Ratio	Lower	Upper
43	100		
58	33.5	23.2	34.8





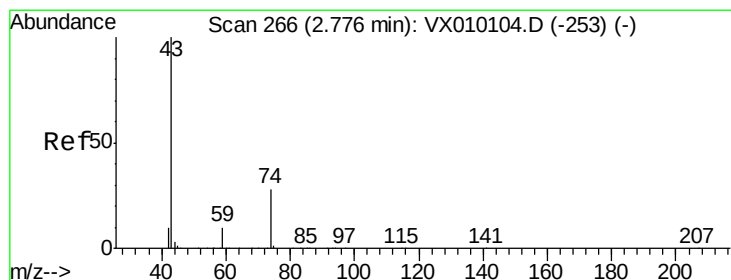
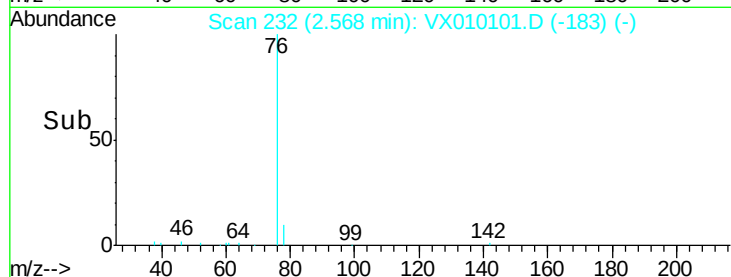
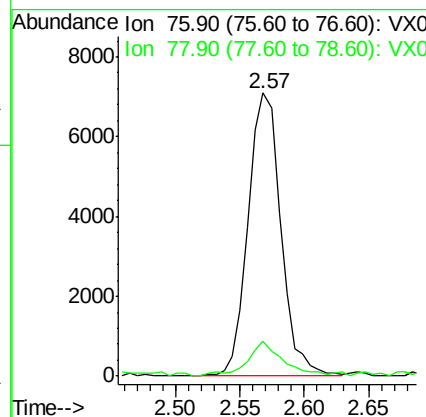
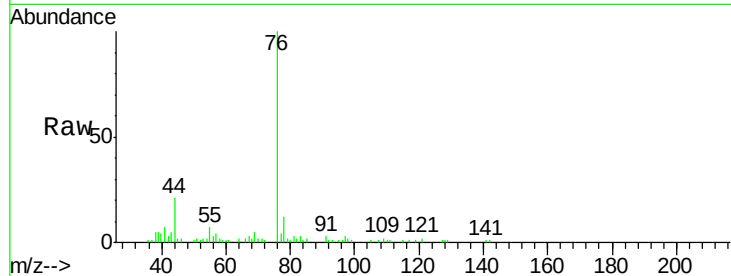
#17
Carbon Disulfide
Concen: 1.314 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	12.3	7.0	10.6#

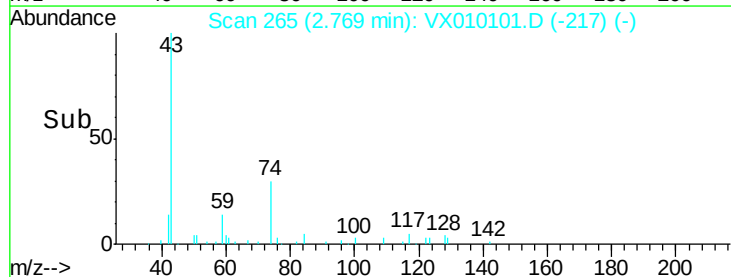
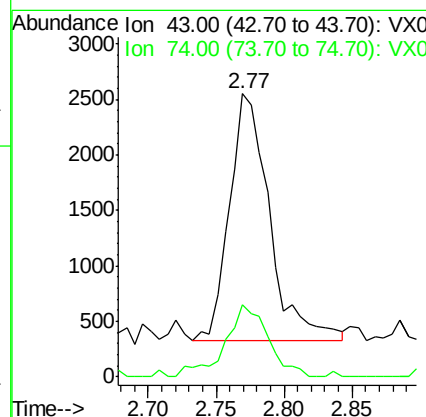
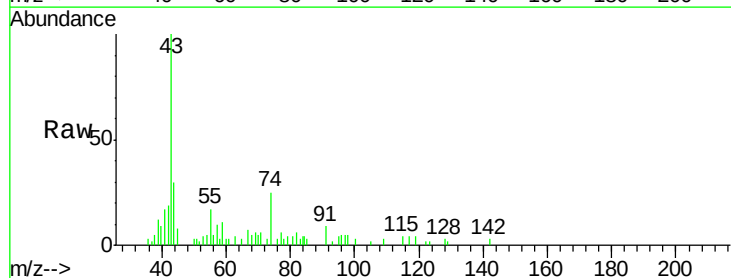
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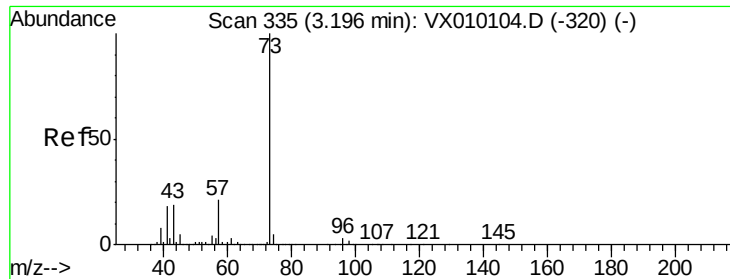
MMDadoda
6/10/2019 10:53:23 AM



#18
Methyl Acetate
Concen: 1.243 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.2	15.8	23.6#





#19

Methyl tert-butyl Ether

Concen: 1.141 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 73 Resp: 12340

Ion Ratio Lower Upper

73 100

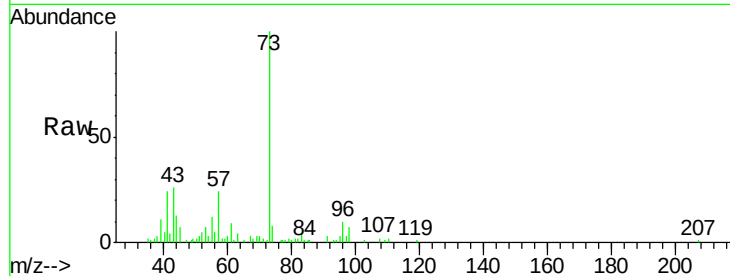
57 19.1 19.4 29.2#

Manual Integrations

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Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

6000

5000

4000

3000

2000

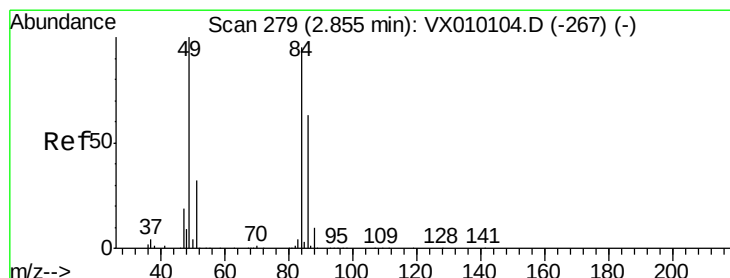
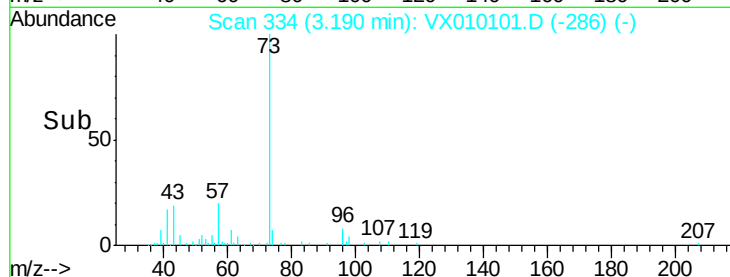
1000

0

Time-->

3.10 3.20 3.30

3.19



#20

Methylene Chloride

Concen: 1.249 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion: 84 Resp: 4649

Ion Ratio Lower Upper

84 100

49 104.8 115.8 173.6#

51 28.1 34.4 51.6#

86 61.5 49.7 74.5

Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

4000

3000

2000

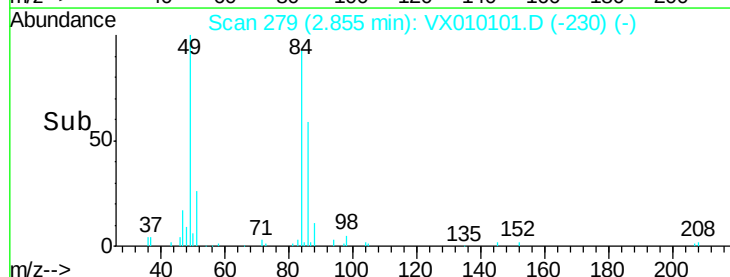
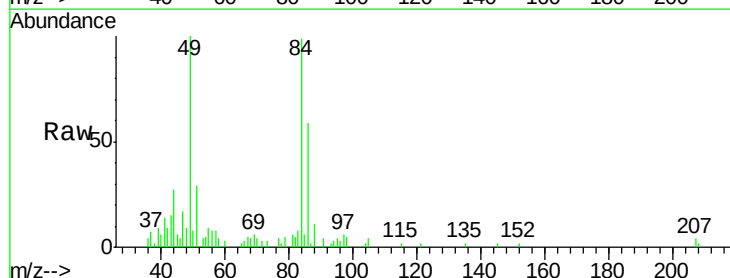
1000

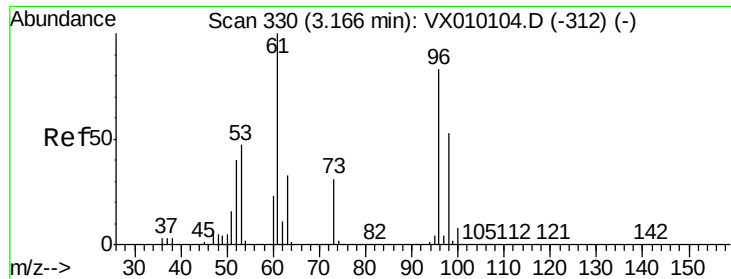
0

Time-->

2.80 2.85 2.90

2.85





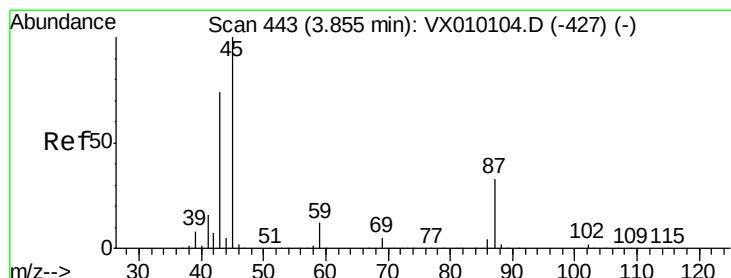
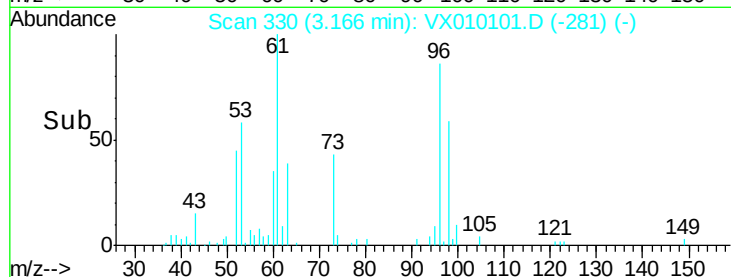
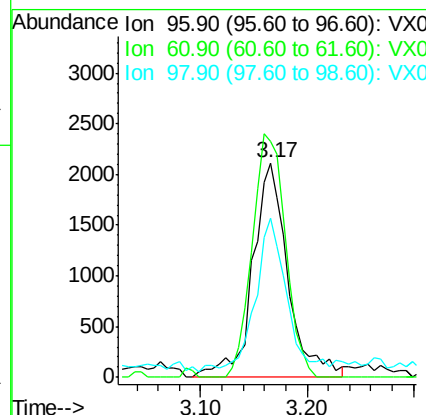
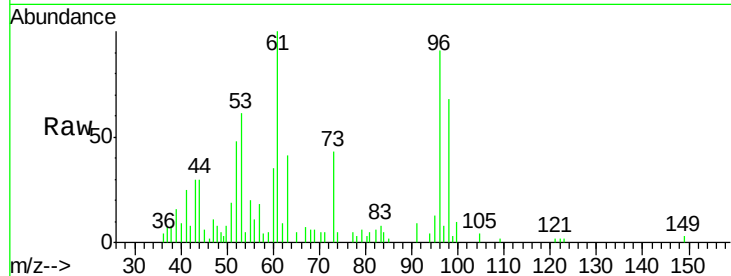
#21
trans-1,2-Dichloroethene
Concen: 1.343 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	109.8	125.7	188.5#
98	69.5	49.0	73.6

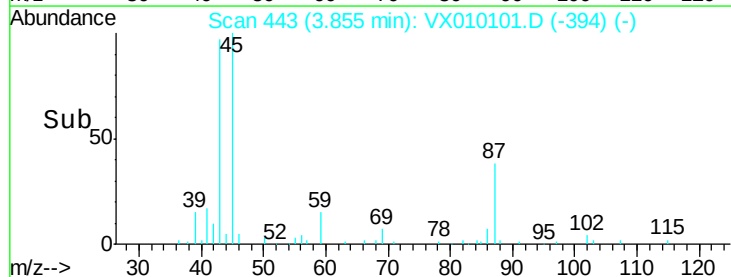
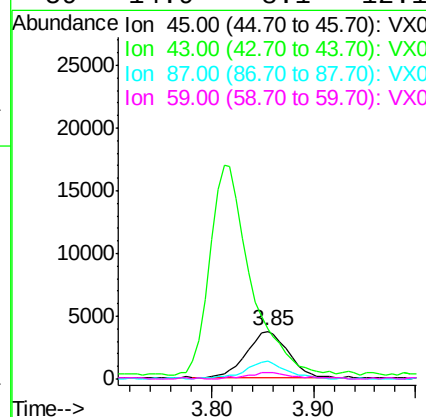
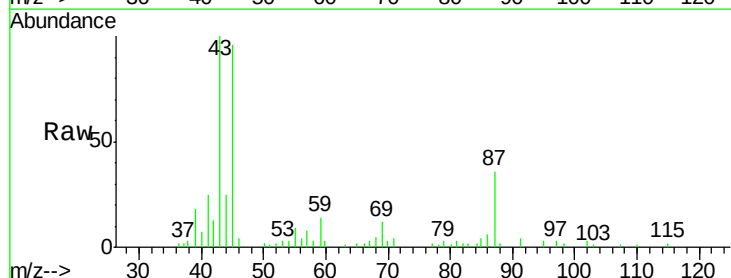
Manual Integrations
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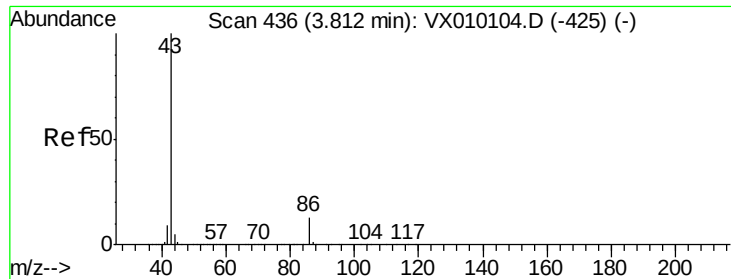
MMDadoda
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#22
Diisopropyl ether
Concen: 1.067 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	92.3	65.0	97.4
87	38.1	17.3	25.9#
59	14.9	8.1	12.1#





#23

Vinyl Acetate

Concen: 5.183 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 46480

Ion Ratio Lower Upper

43 100

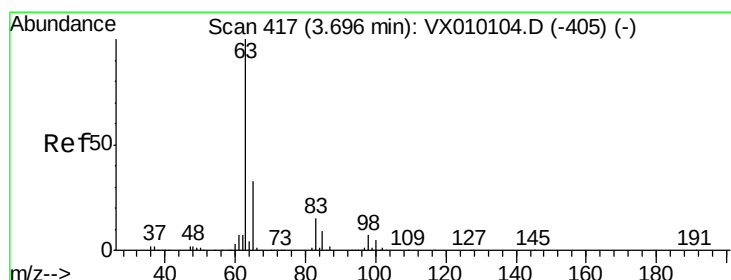
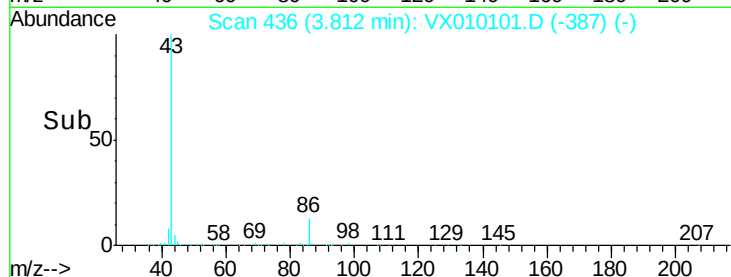
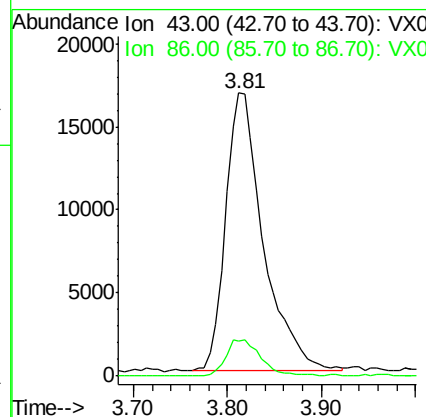
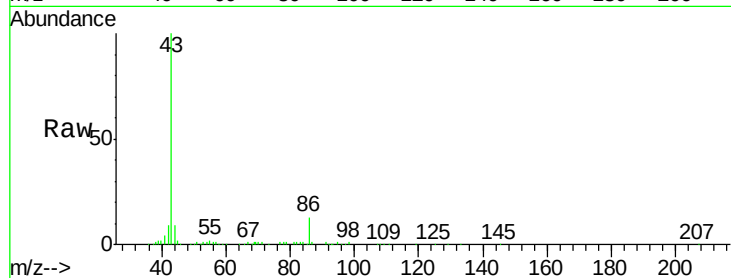
86 12.8 6.5 9.7#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 1.181 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

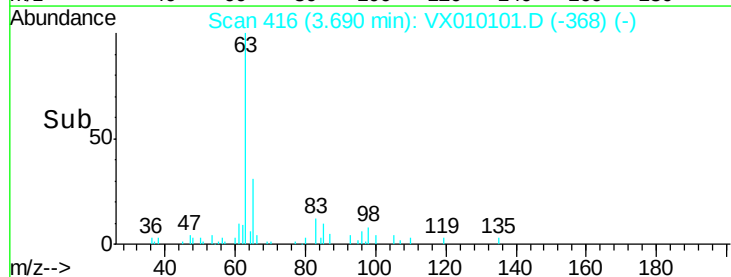
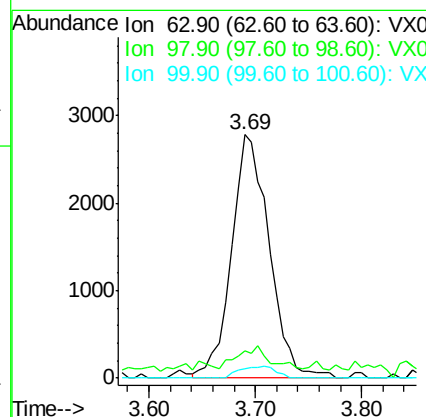
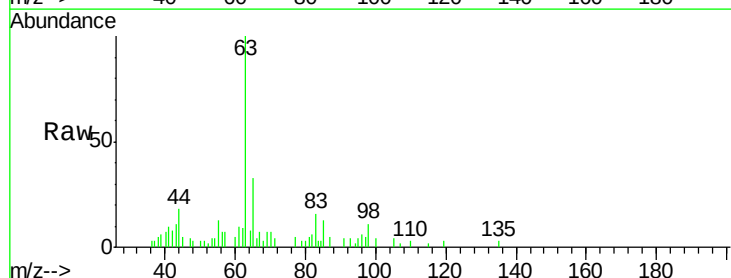
Tgt Ion: 63 Resp: 6914

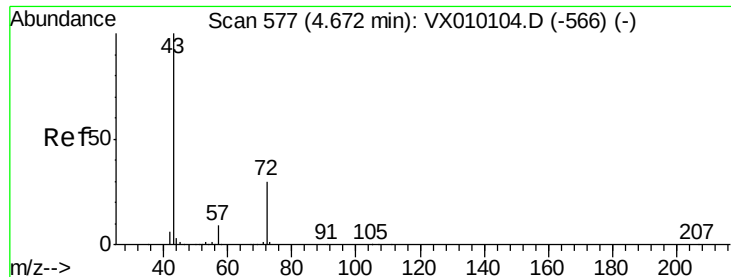
Ion Ratio Lower Upper

63 100

98 7.6 2.9 8.8

100 3.8 1.8 5.4





#25

2-Butanone

Concen: 5.193 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 13662

Ion Ratio Lower Upper

43 100

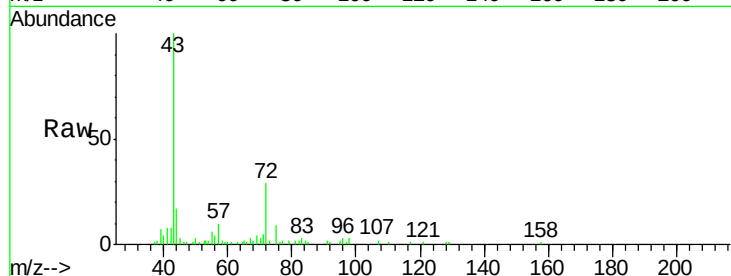
72 31.2 17.5 26.3#

Manual Integrations

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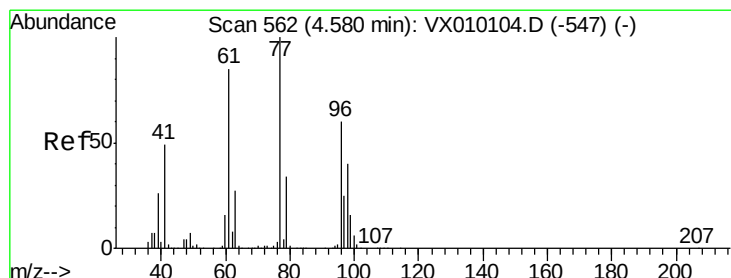
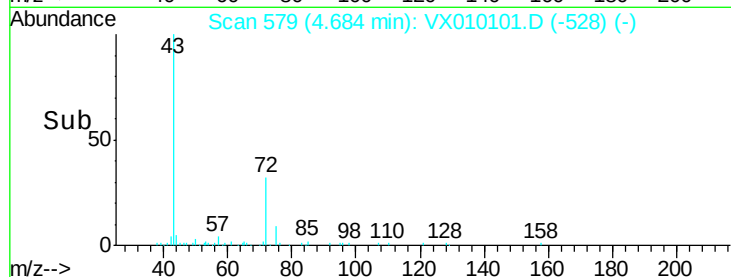
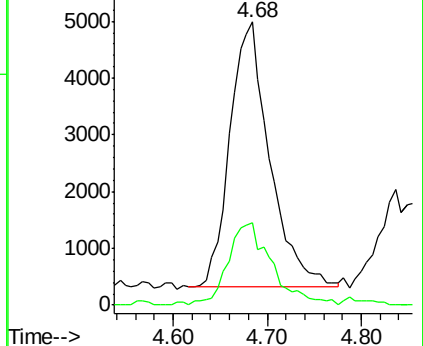
MMDadoda

6/10/2019 10:53:23 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.126 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010101.D

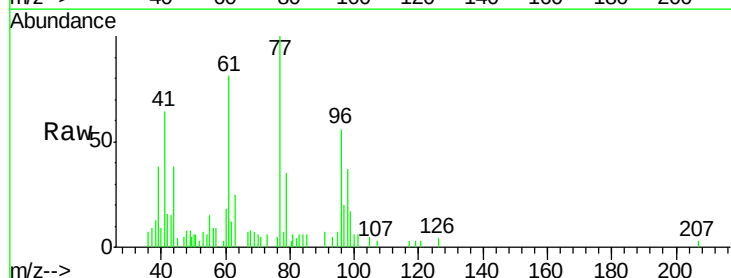
Acq: 07 Jun 2019 11:29

Tgt Ion: 77 Resp: 6065

Ion Ratio Lower Upper

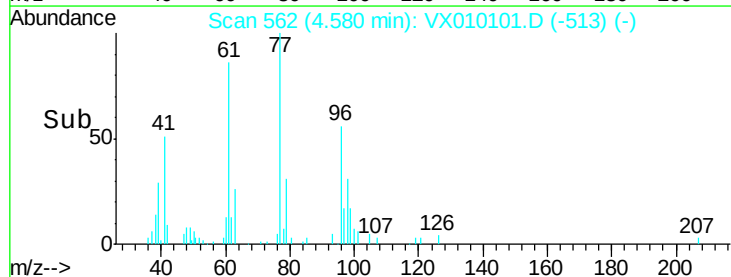
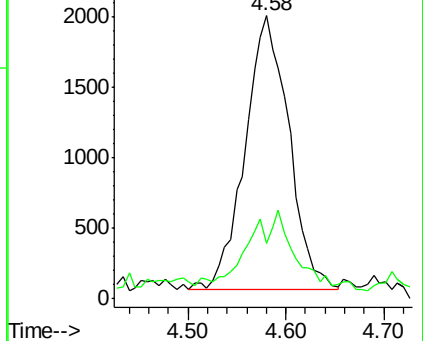
77 100

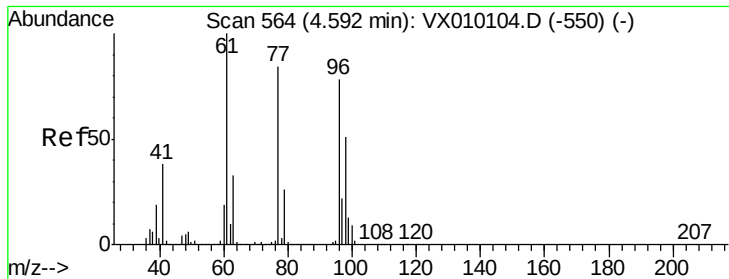
97 10.9 11.4 34.2#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

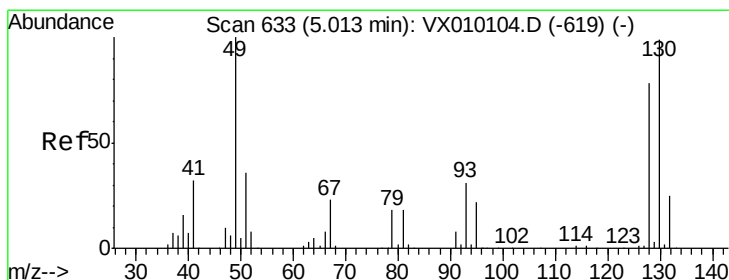
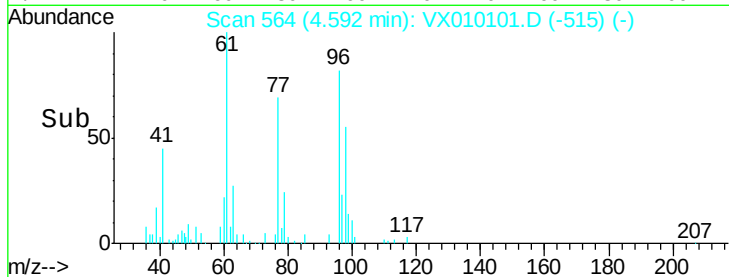
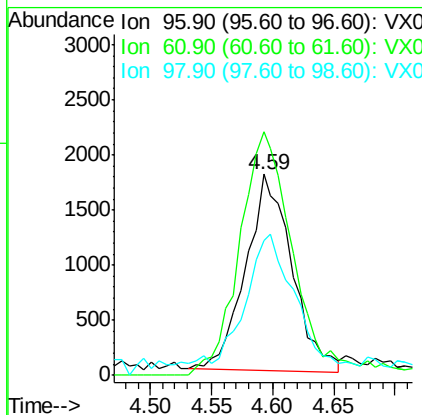
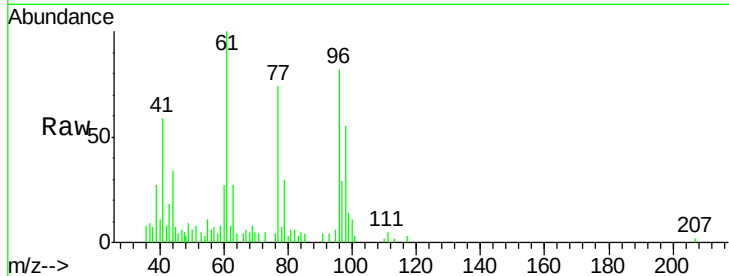
cis-1,2-Dichloroethene
Concen: 1.122 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	334.0
98	69.6	0.0	131.6

Manual Integrations
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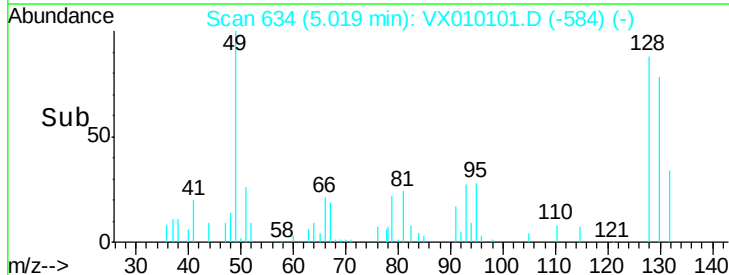
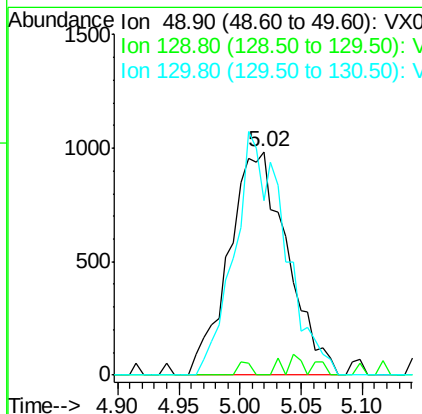
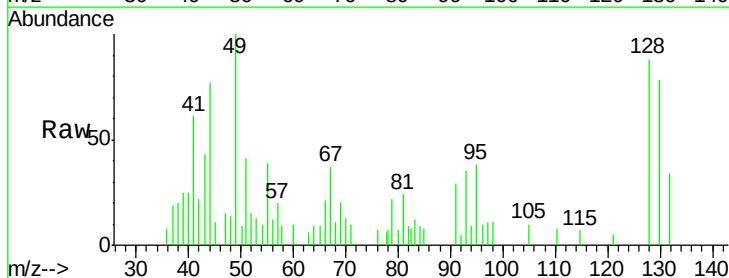
MMDadoda
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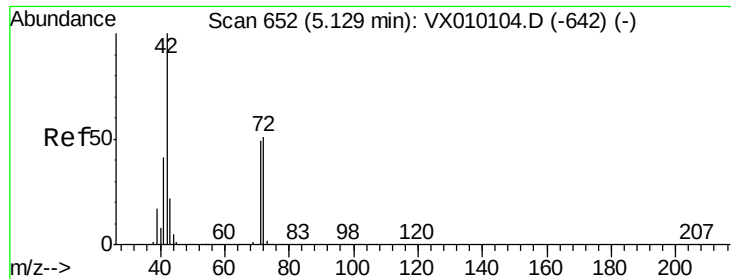


#28

Bromochloromethane
Concen: 1.228 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.4
130	94.1	49.4	74.2#





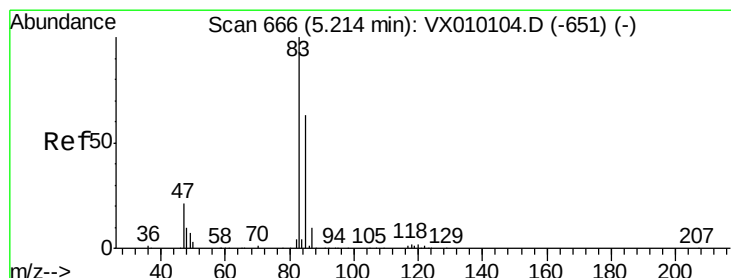
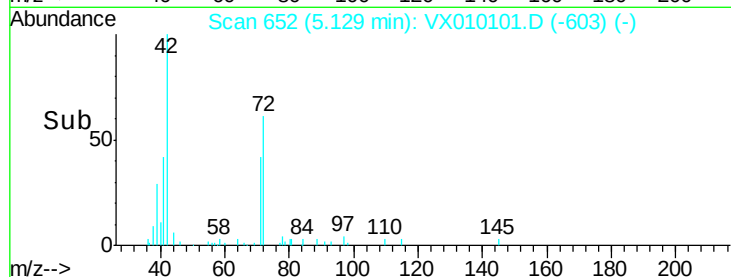
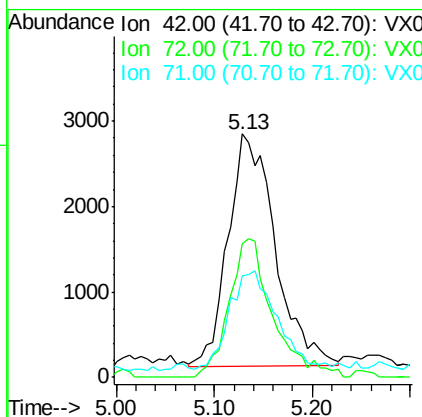
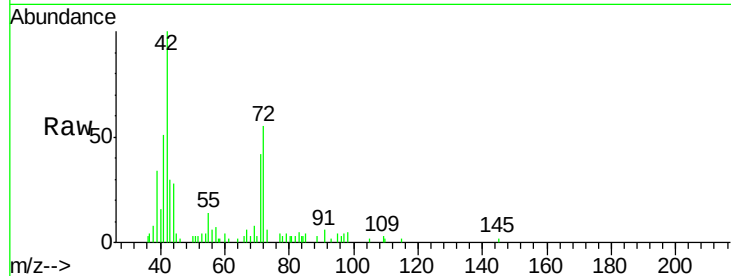
#29
Tetrahydrofuran
Concen: 5.614 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.8	29.2	43.8#
71	42.8	27.6	41.4#

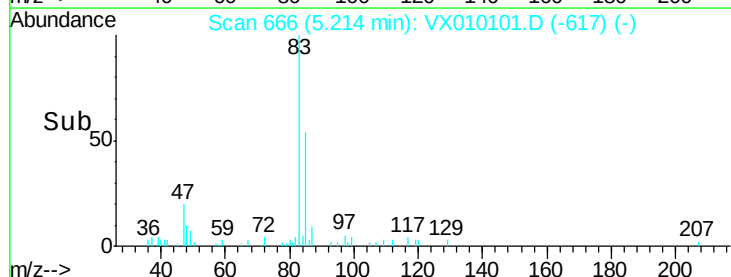
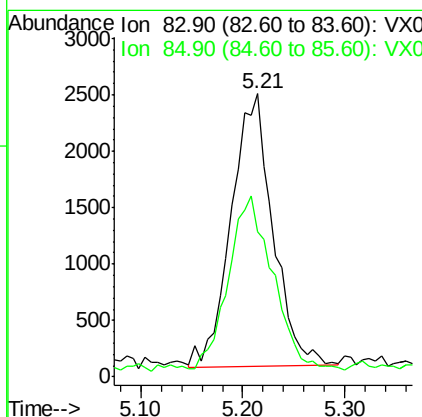
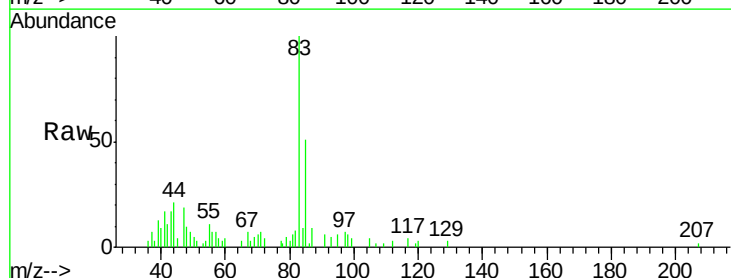
Manual Integrations
APPROVED

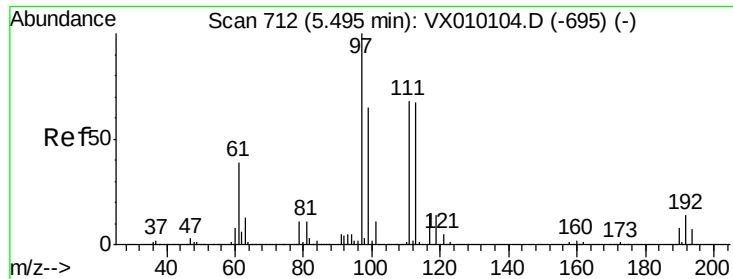
MMDadoda
6/10/2019 10:53:23 AM



#30
Chloroform
Concen: 1.103 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	50.9	52.6	78.8#





#32

1,1,1-Trichloroethane

Concen: 1.255 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

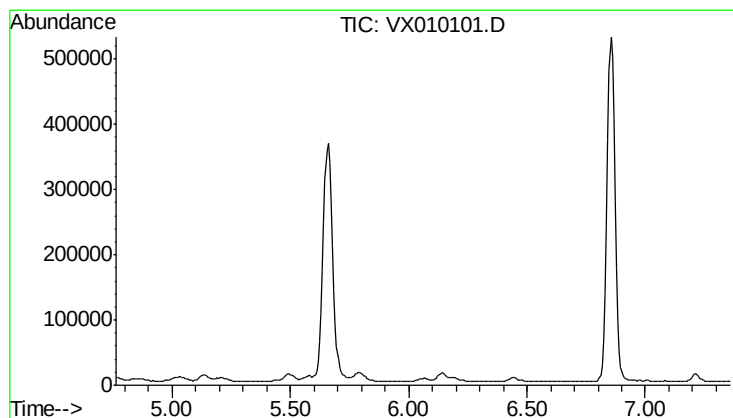
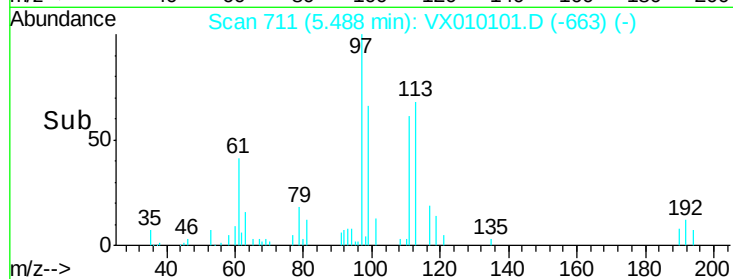
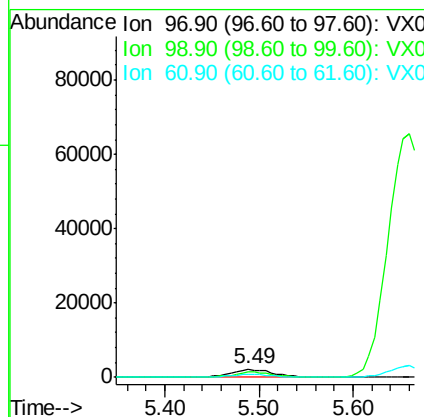
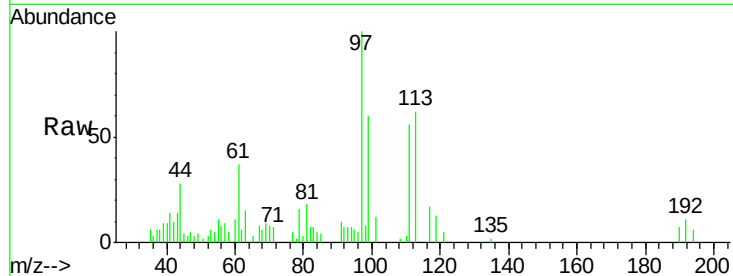
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	7092
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.0	76.4#
61	37.9	38.7	58.1#

Manual Integrations
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6/10/2019 10:53:23 AM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.06 min

Lab File: VX010101.D

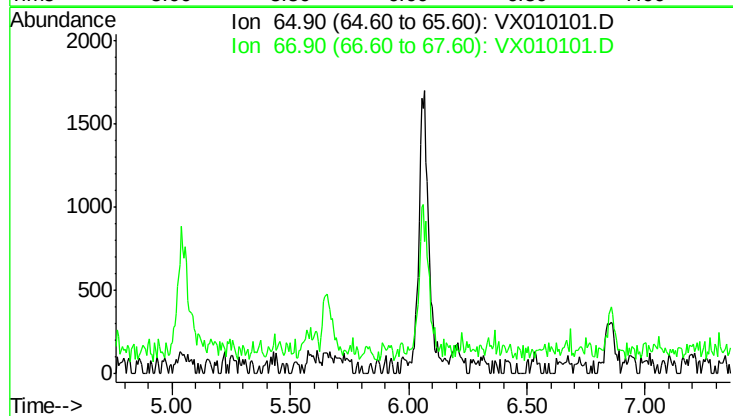
Acq: 07 Jun 2019 11:29

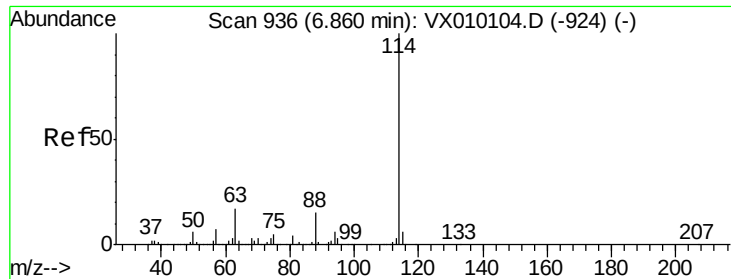
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

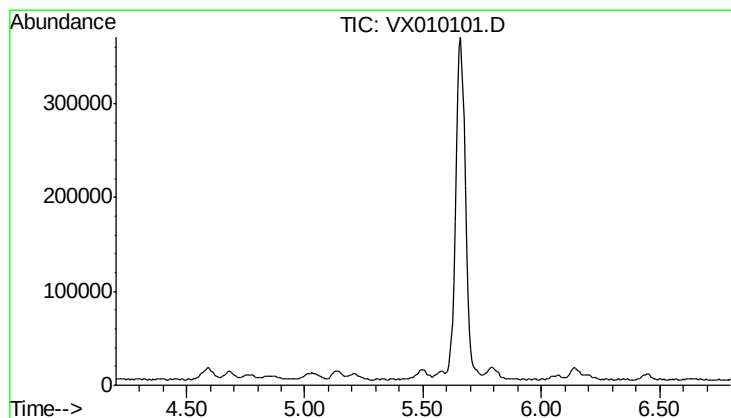
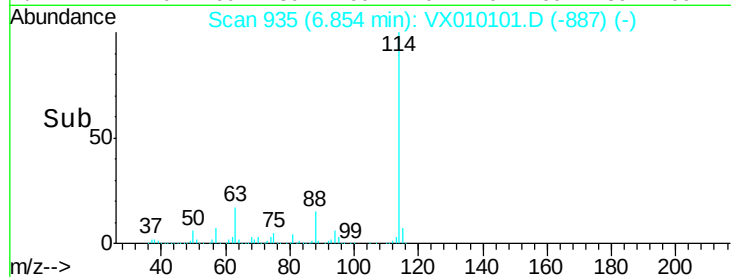
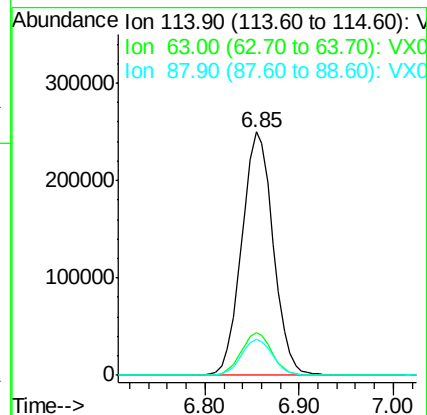
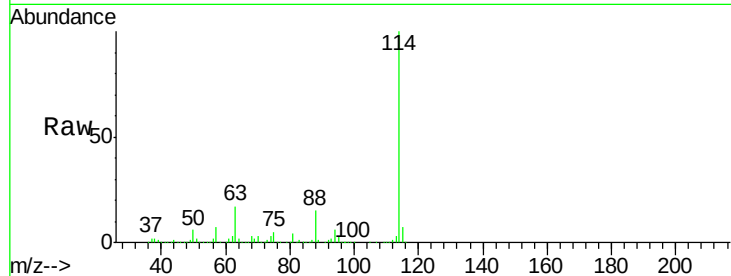
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	583746
Ion Ratio	Lower	Upper	
114	100		
63	17.2	0.0	47.4
88	15.1	0.0	33.0

Manual Integrations
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MMDadoda
6/10/2019 10:53:23 AM



#35

Dibromofluoromethane

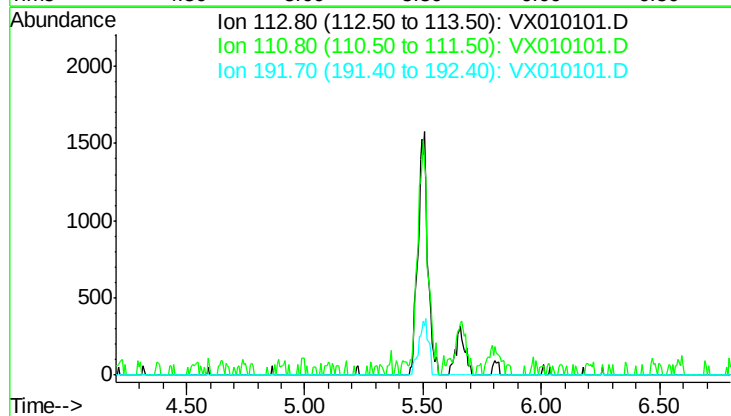
Concen: 0.000 ug/l

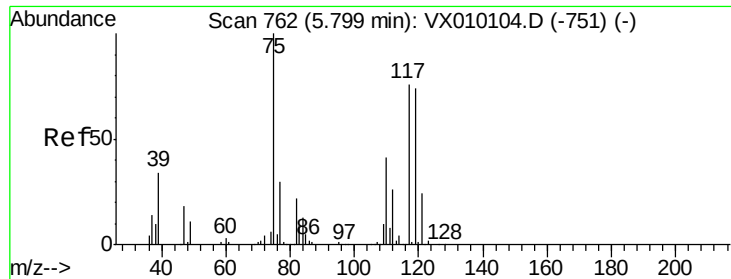
Expected RT: 5.50 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	102.7
192	21.4





#36

1,1-Dichloropropene

Concen: 1.143 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

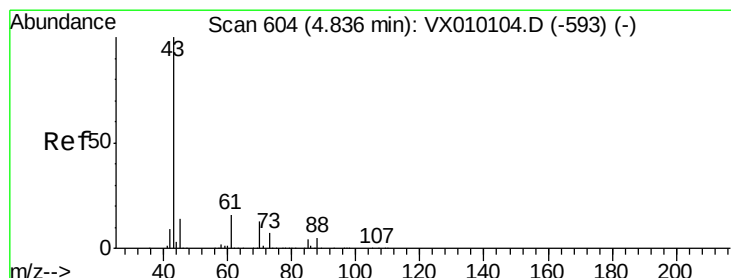
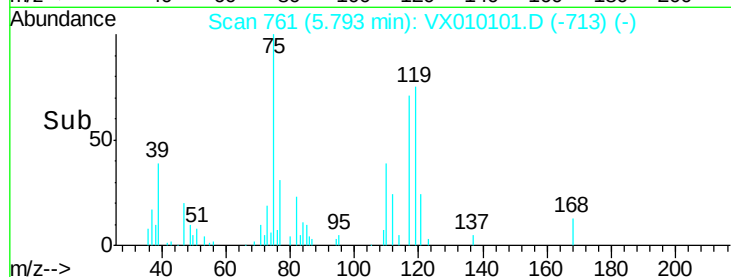
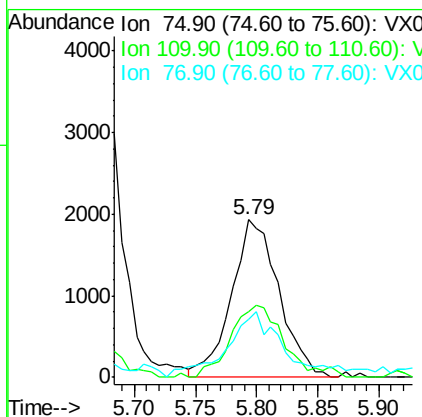
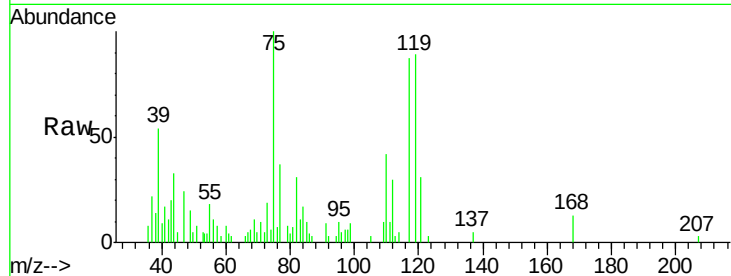
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	5211
Ion	Ratio	Lower	Upper
75	100		
110	51.8	16.7	50.1#
77	50.6	25.0	37.4#

Manual Integrations
APPROVED

MMDadoda
6/10/2019 10:53:23 AM



#37

Ethyl Acetate

Concen: 1.128 ug/l

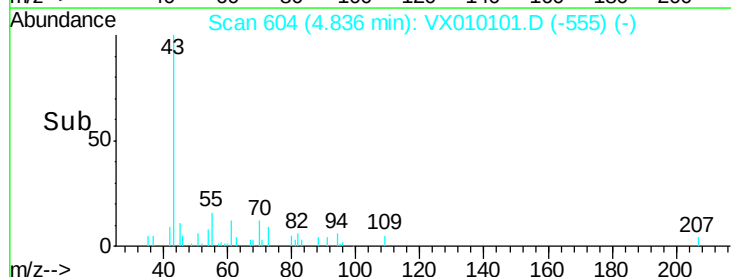
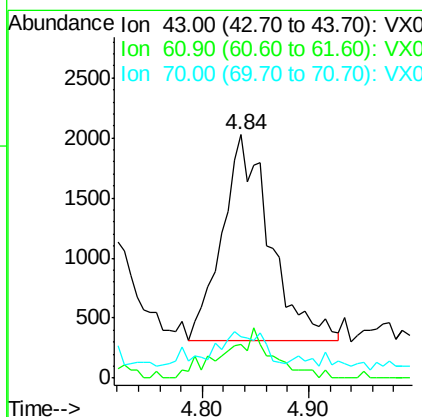
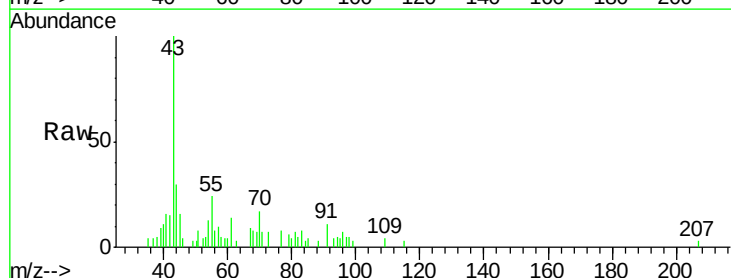
RT: 4.84 min Scan# 604

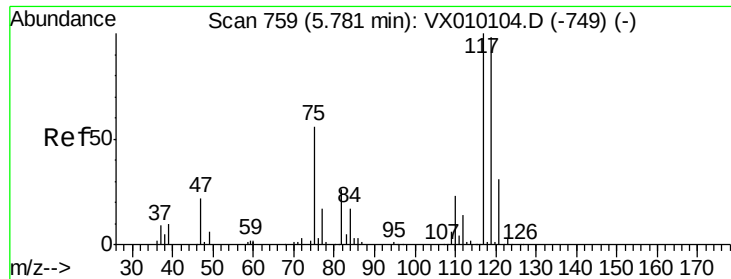
Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion:	43	Resp:	5417
Ion	Ratio	Lower	Upper
43	100		
61	24.0	10.2	15.2#
70	15.3	7.4	11.2#





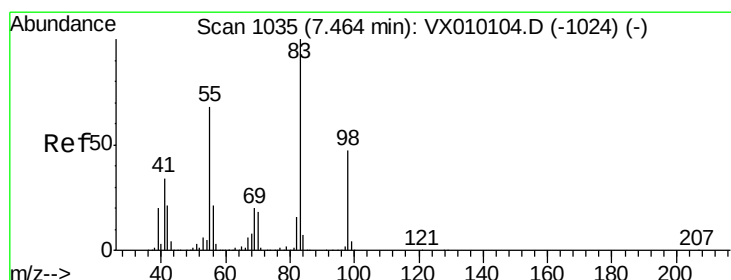
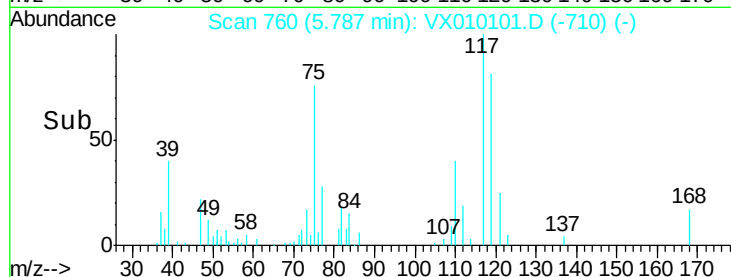
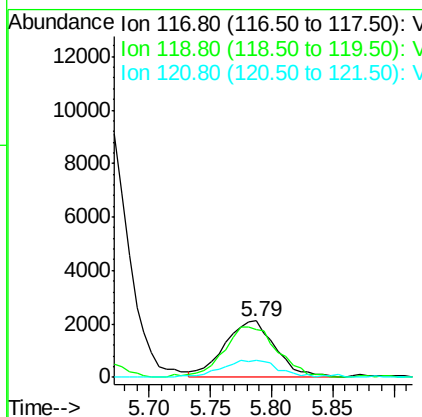
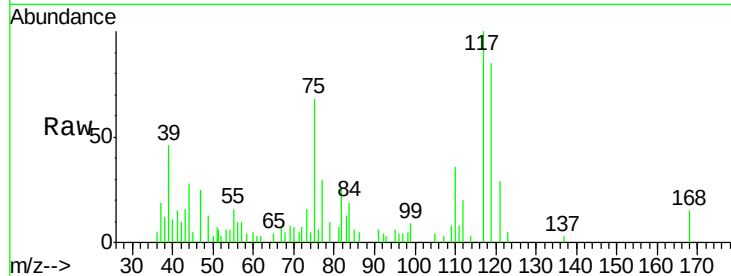
#38
Carbon Tetrachloride
Concen: 1.192 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	84.7	77.3	115.9
121	26.1	25.4	38.0

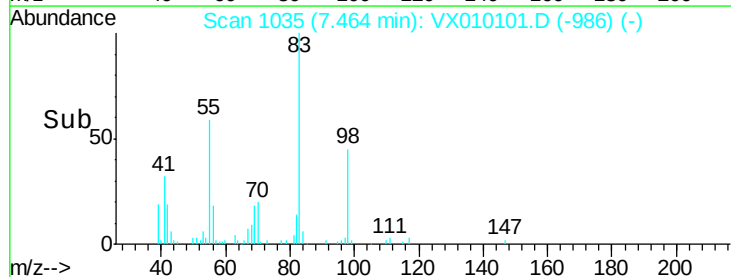
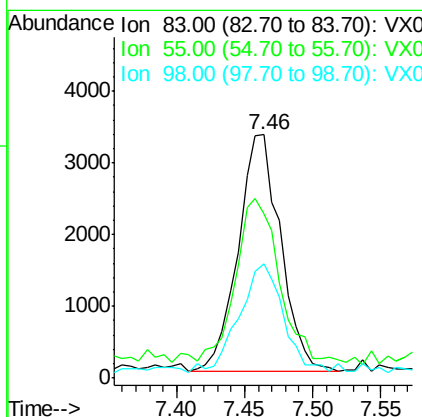
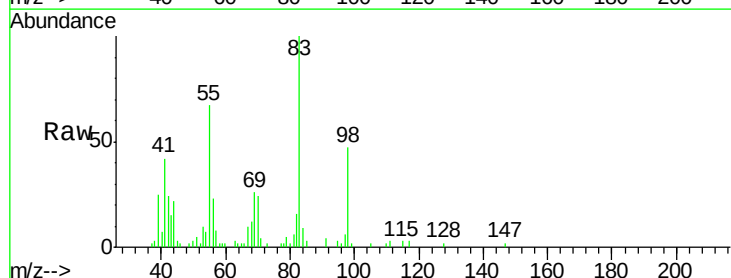
Manual Integrations
APPROVED

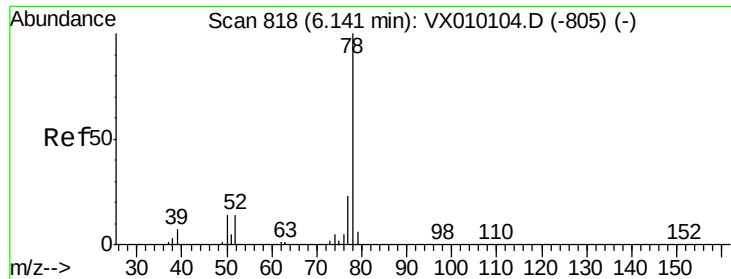
MMDadoda
6/10/2019 10:53:23 AM



#39
Methylcyclohexane
Concen: 1.175 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
83	100		
55	61.0	69.9	104.9#
98	45.8	35.1	52.7





#40

Benzene

Concen: 1.106 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 15873

Ion Ratio Lower Upper

78 100

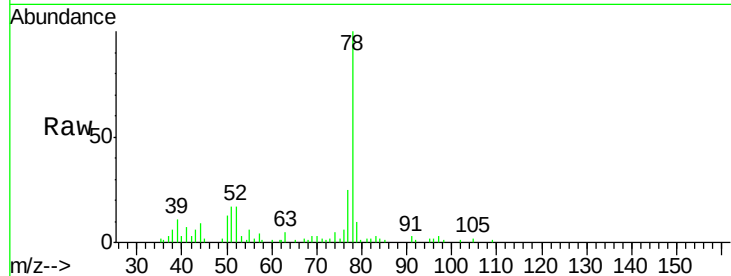
77 22.7 19.2 28.8

Manual Integrations

APPROVED

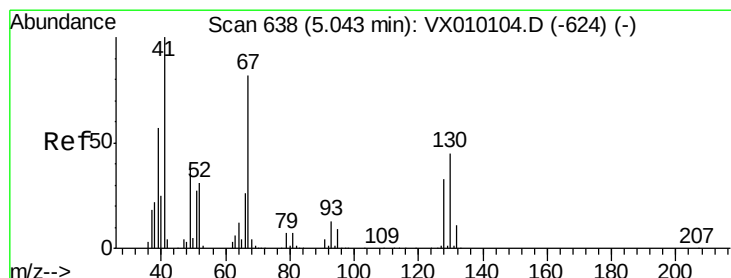
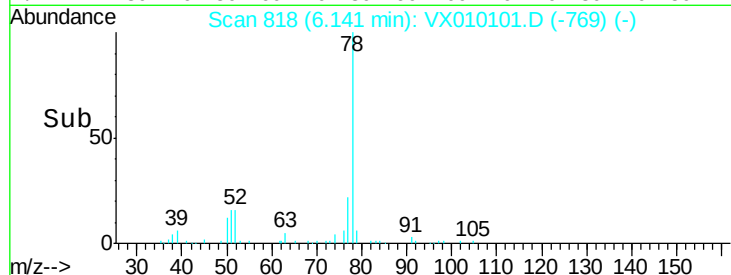
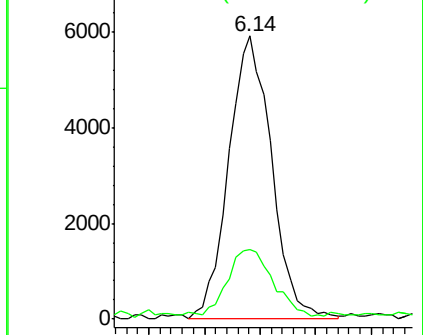
MMDadoda

6/10/2019 10:53:23 AM



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.114 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion: 41 Resp: 2921

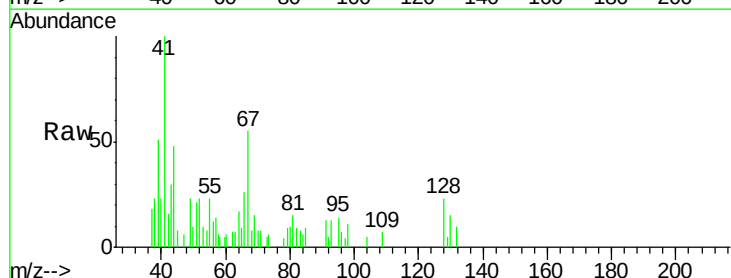
Ion Ratio Lower Upper

41 100

39 63.8 42.2 63.4#

67 79.7 48.9 73.3#

52 40.7 20.1 30.1#

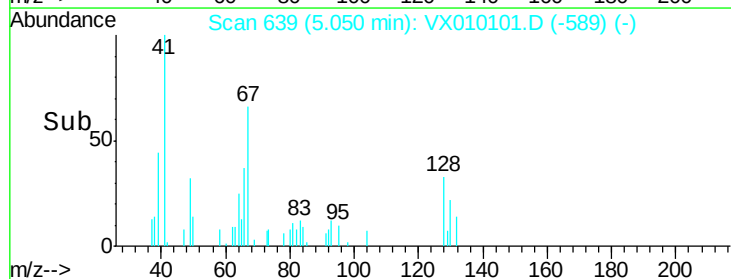
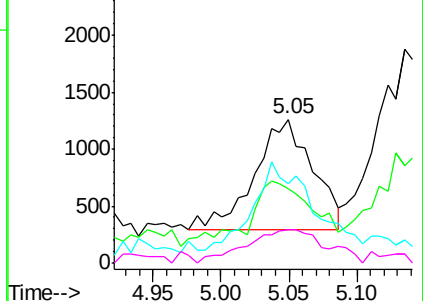


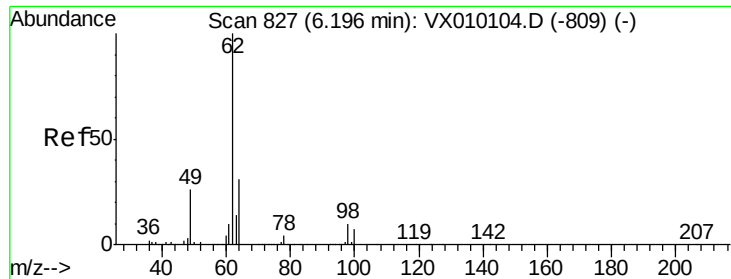
Abundance Ion 41.00 (40.70 to 41.70): VX0

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





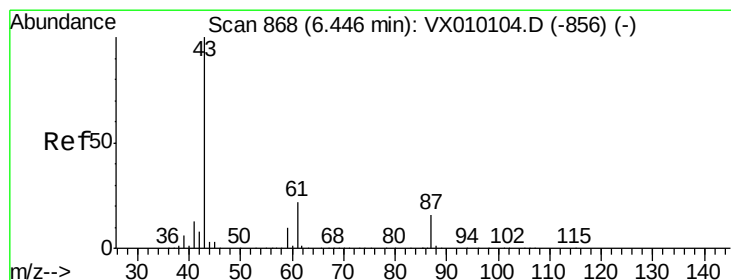
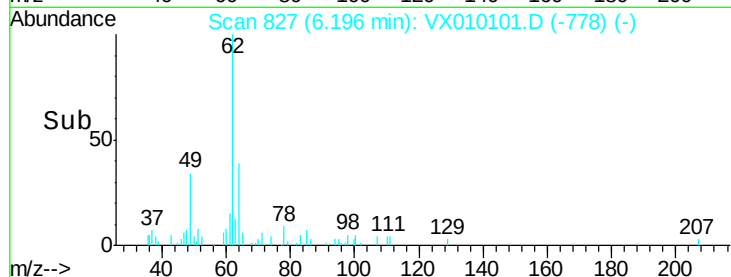
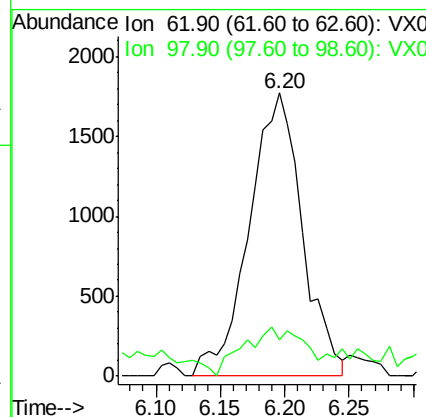
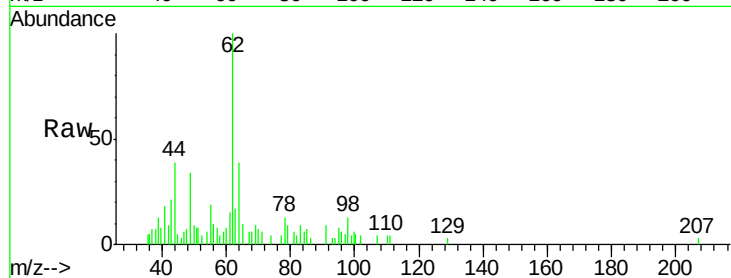
#42
1,2-Dichloroethane
Concen: 1.113 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	19.3	0.0	17.2#

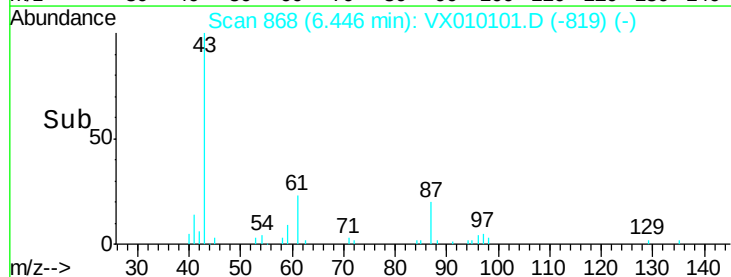
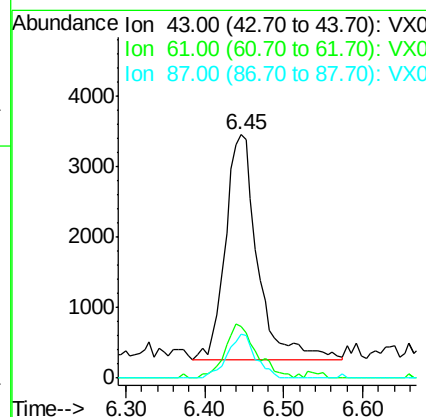
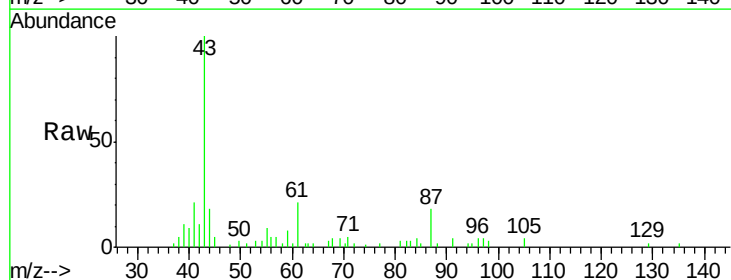
Manual Integrations
APPROVED

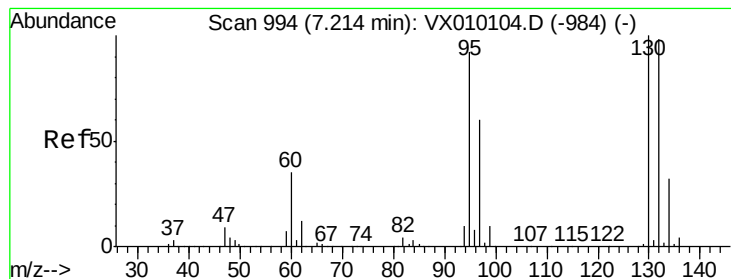
MMDadoda
6/10/2019 10:53:23 AM



#43
Isopropyl Acetate
Concen: 1.140 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.5	14.6	21.8#
87	17.0	8.7	13.1#





#44

Trichloroethene

Concen: 1.226 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 5189

Ion Ratio Lower Upper

130 100

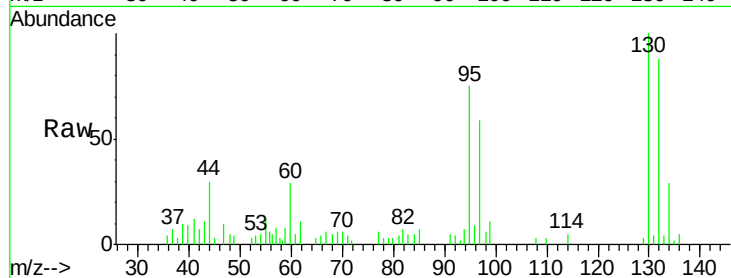
95 71.1 0.0 207.4

Manual Integrations

APPROVED

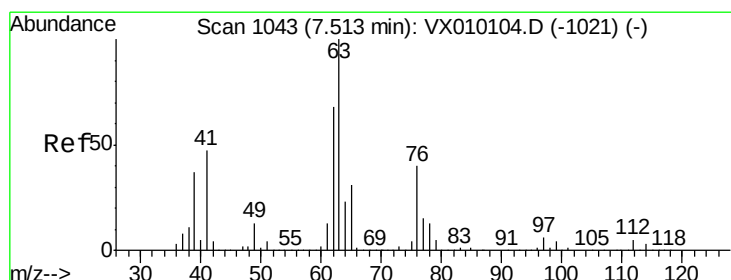
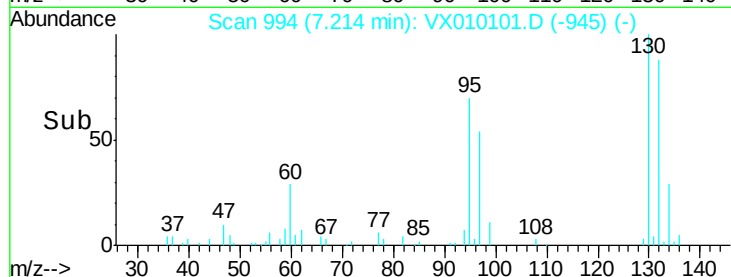
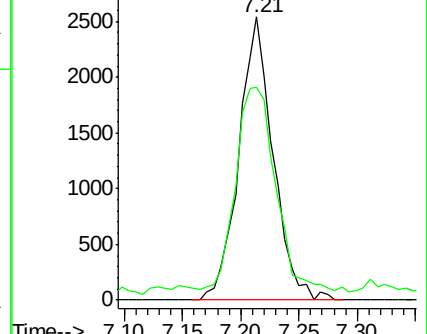
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.129 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX010101.D

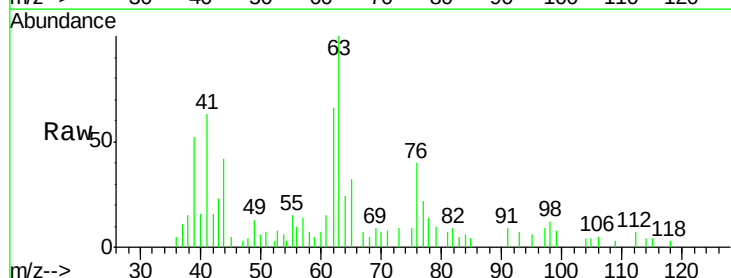
Acq: 07 Jun 2019 11:29

Tgt Ion: 63 Resp: 4051

Ion Ratio Lower Upper

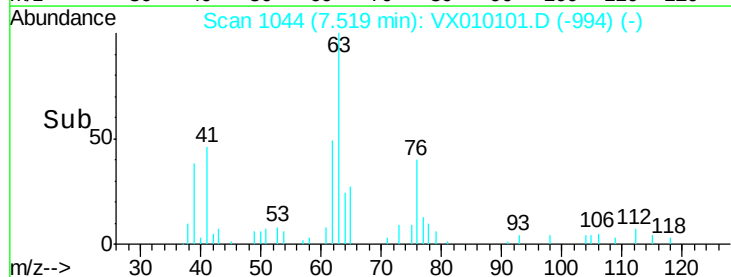
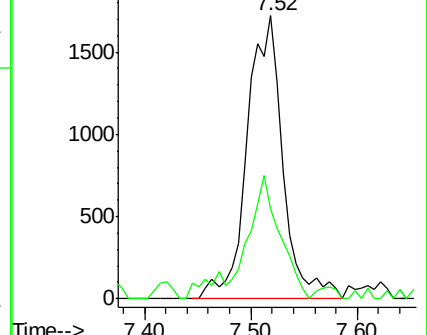
63 100

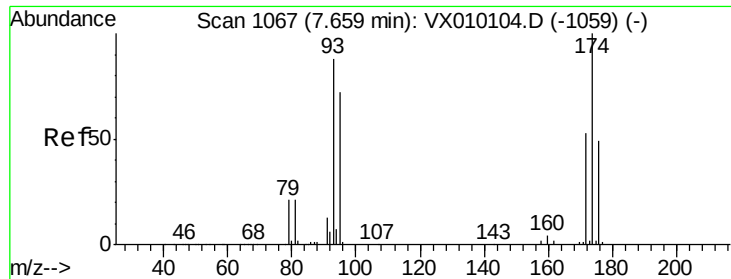
65 31.9 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 1.274 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

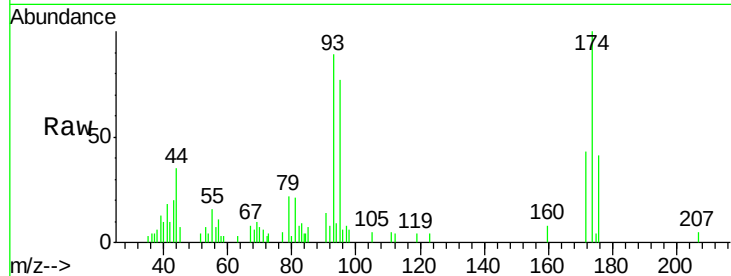
ClientSampleId :

VSTDIC001

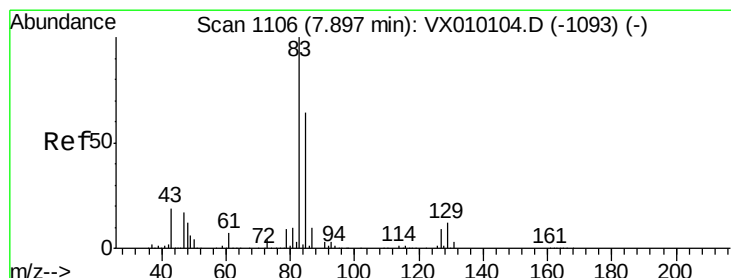
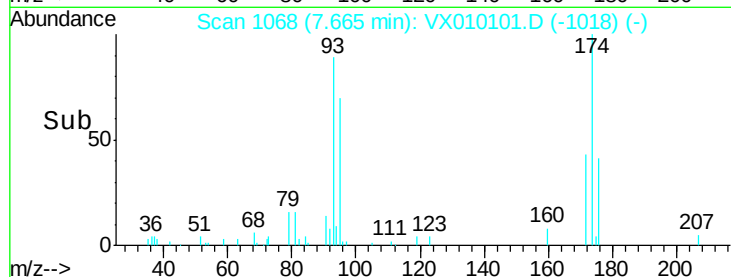
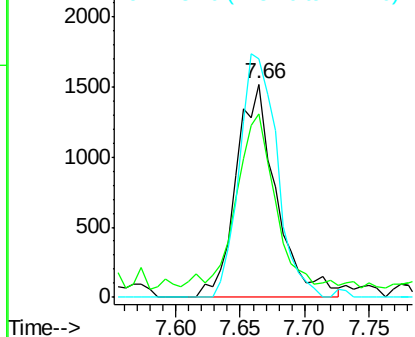
Tot Ion:	93	Resp:	3290
Ion	Ratio	Lower	Upper
93	100		
95	77.1	66.8	100.2
174	106.8	81.9	122.9

Manual Integrations
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Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 1.073 ug/l

RT: 7.90 min Scan# 1106

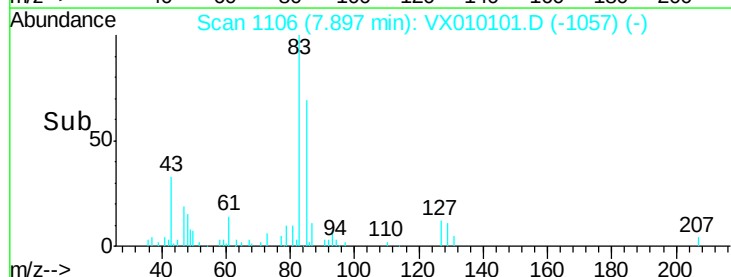
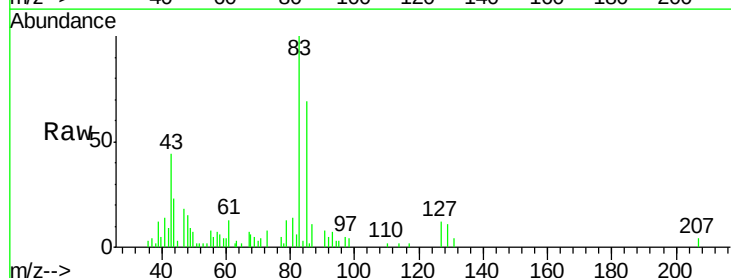
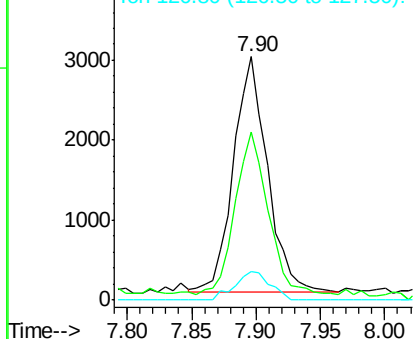
Delta R.T. -0.00 min

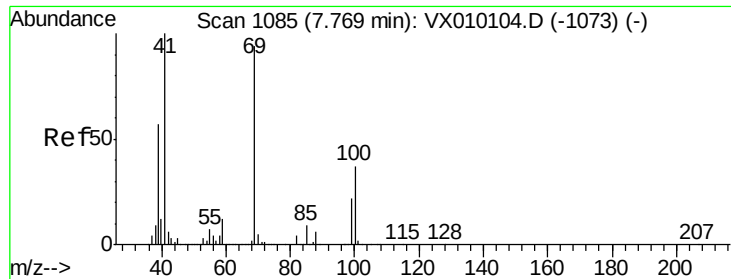
Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion:	83	Resp:	5405
Ion	Ratio	Lower	Upper
83	100		
85	69.6	51.4	77.2
127	12.1	6.4	9.6#

Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V





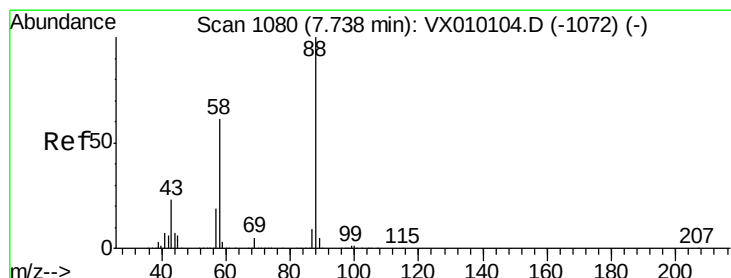
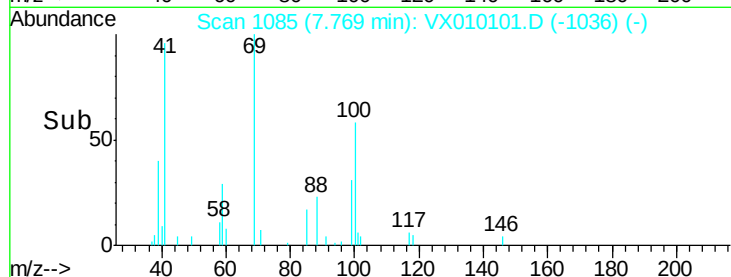
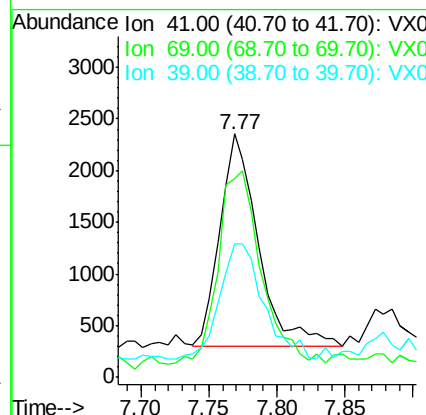
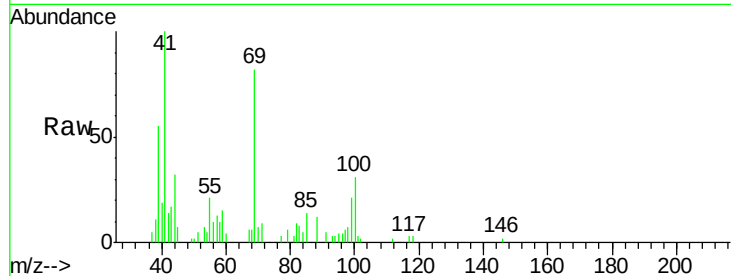
#48
Methvl methacrylate
Concen: 1.035 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	102.8	56.4	84.6#
39	62.0	40.6	60.8#

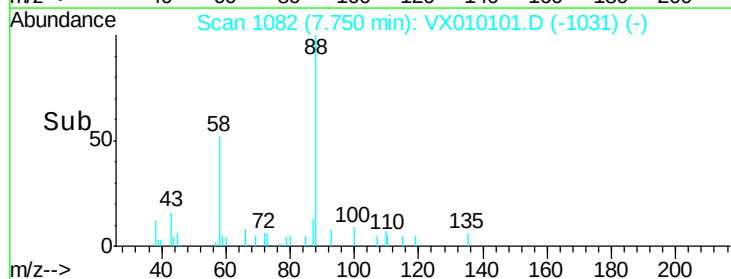
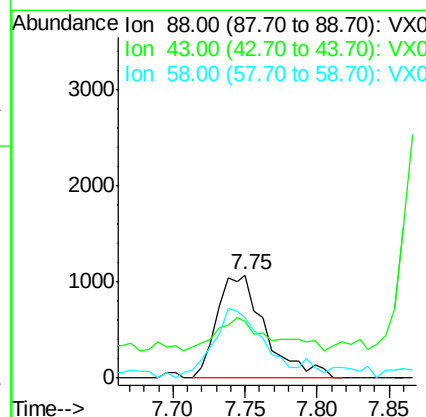
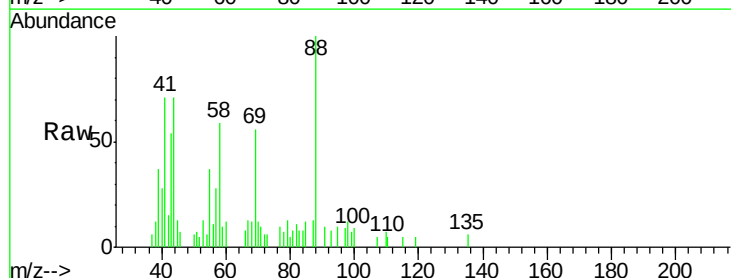
Manual Integrations
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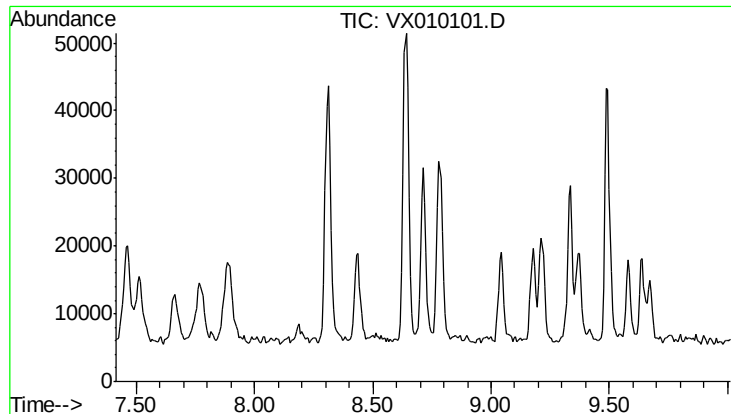
MMDadoda
6/10/2019 10:53:23 AM



#49
1,4-Dioxane
Concen: 23.576 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.3	30.2	45.4
58	69.5	64.0	96.0





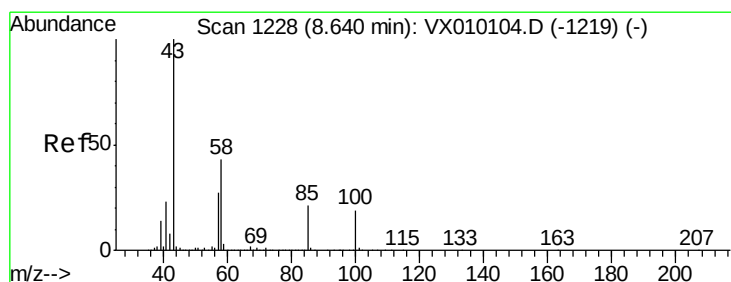
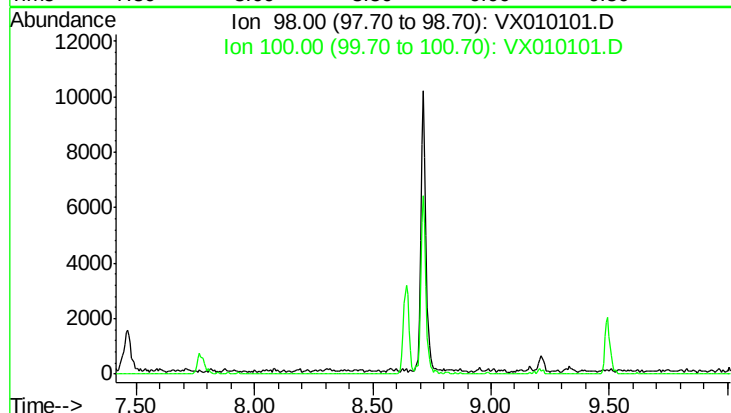
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

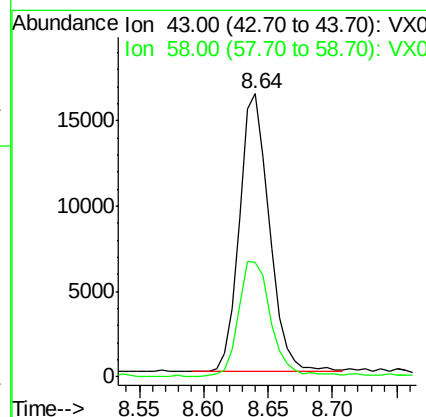
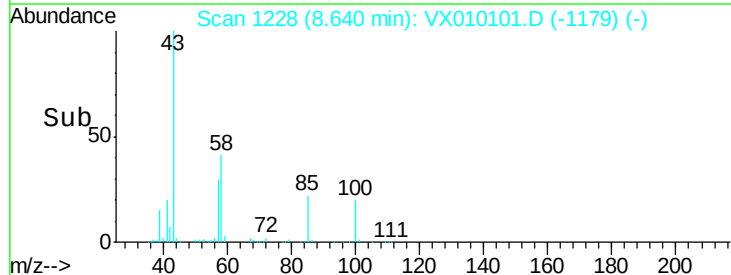
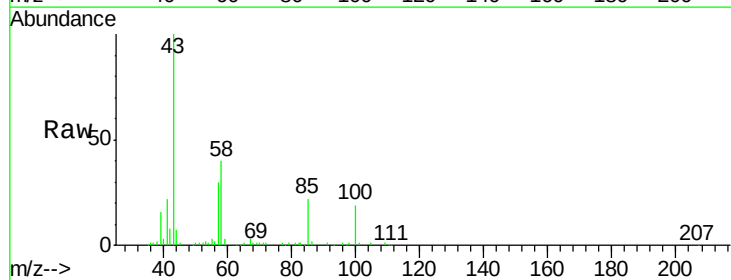
Manual Integrations
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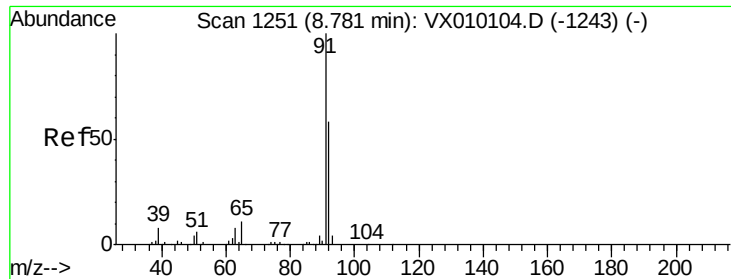
MMDadoda
6/10/2019 10:53:23 AM



#51
4-Methyl-2-Pentanone
Concen: 5.249 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 43 Resp: 26224
Ion Ratio Lower Upper
43 100
58 45.7 28.8 43.2#





#52

Toluene

Concen: 1.165 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 10838

Ion Ratio Lower Upper

92 100

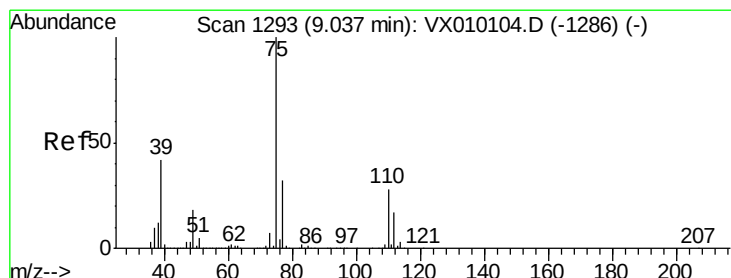
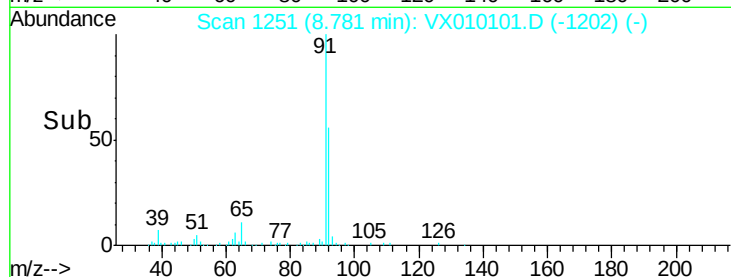
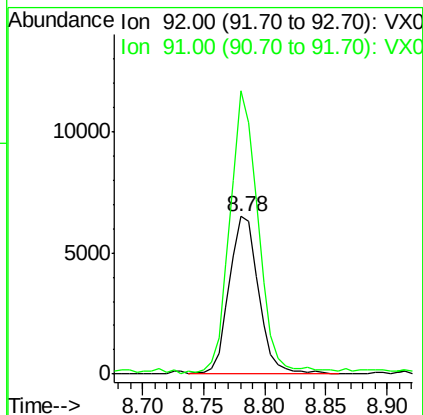
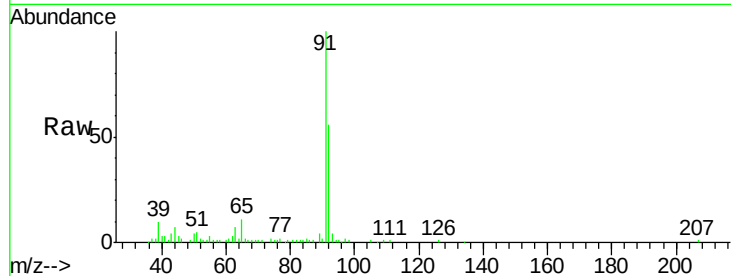
91 174.9 139.9 209.9

Manual Integrations

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MMDadoda

6/10/2019 10:53:23 AM



#53

t-1,3-Dichloropropene

Concen: 1.097 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010101.D

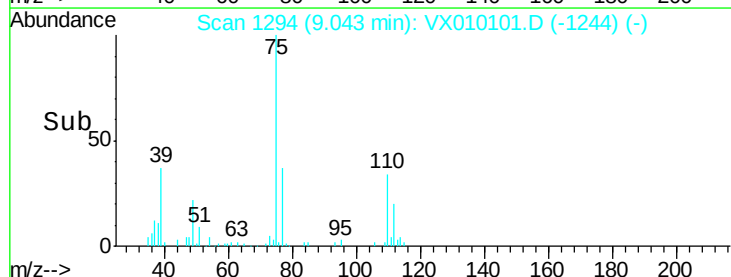
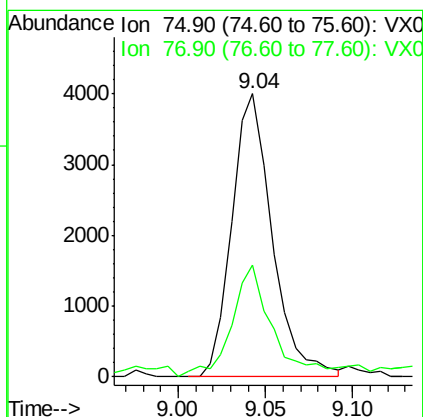
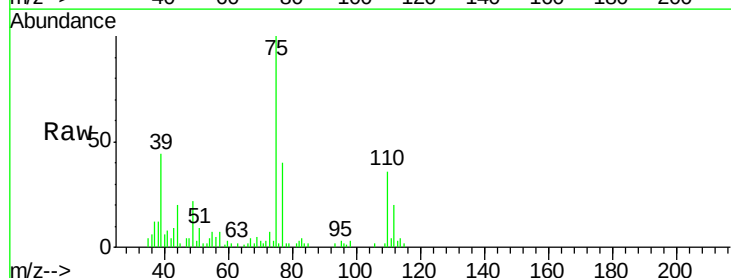
Acq: 07 Jun 2019 11:29

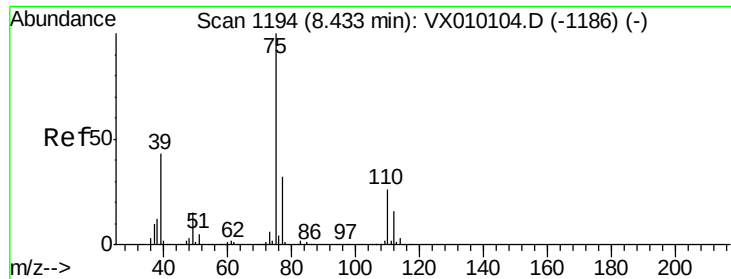
Tgt Ion: 75 Resp: 6418

Ion Ratio Lower Upper

75 100

77 37.4 24.6 36.8#





#54

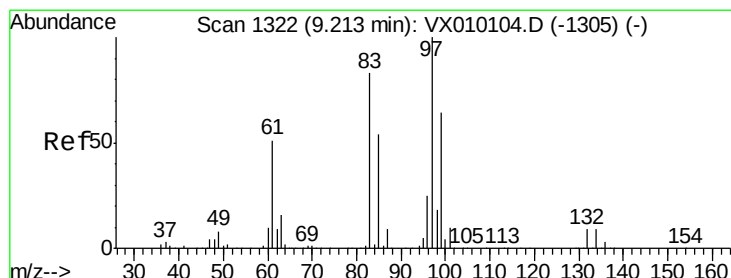
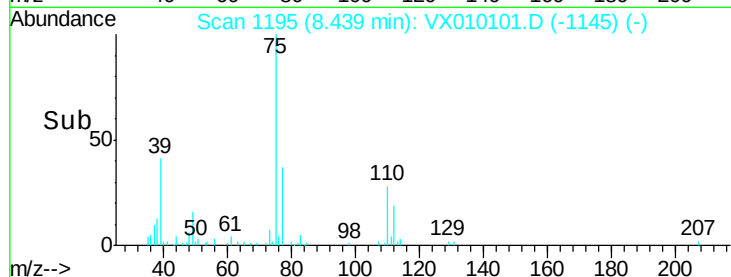
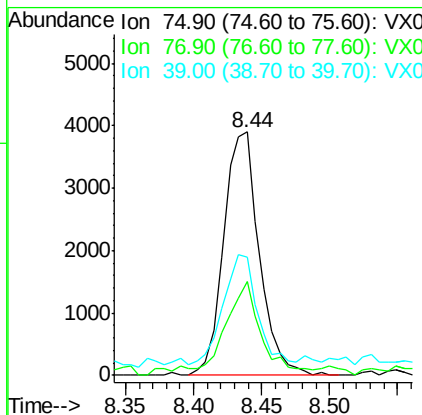
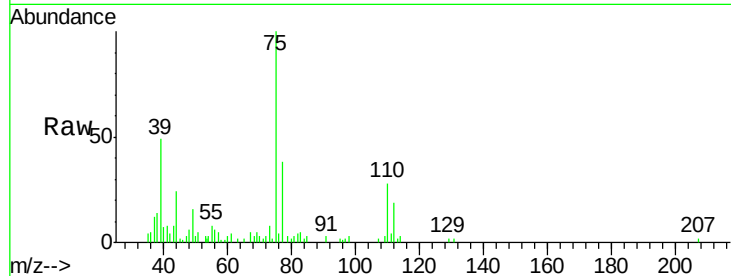
cis-1,3-Dichloropropene
 Concen: 1.139 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	35.8	24.8	37.2
39	44.0	43.4	65.0

Manual Integrations
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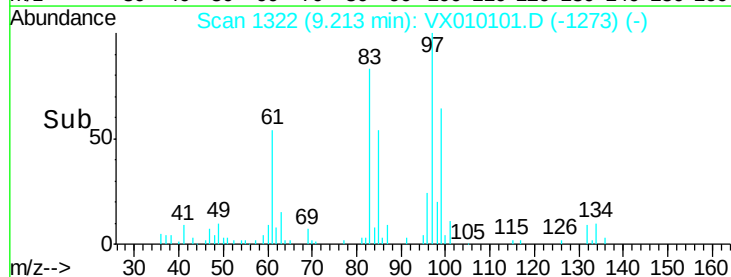
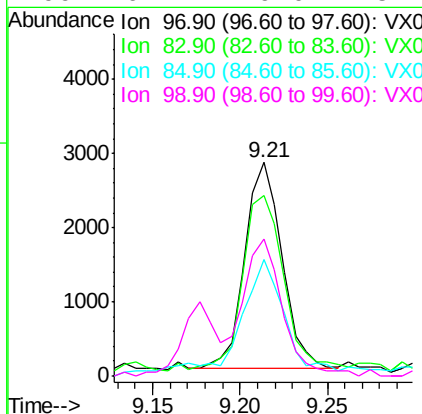
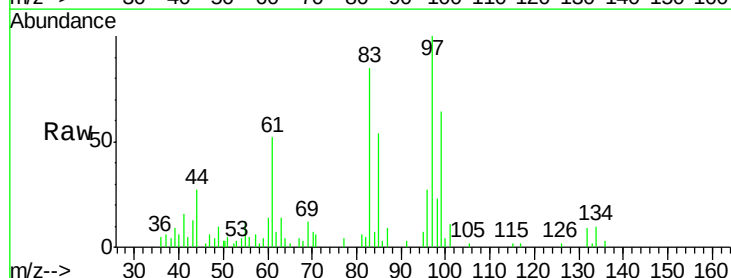
MMDadoda
 6/10/2019 10:53:23 AM

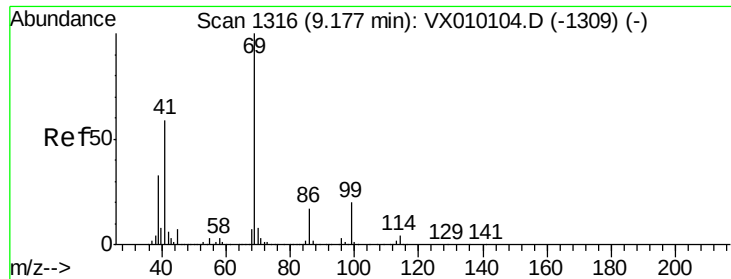


#55

1,1,2-Trichloroethane
 Concen: 1.061 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.8	104.8
85	53.6	45.3	67.9
99	64.1	49.0	73.4





#56

Ethyl methacrylate

Concen: 1.050 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

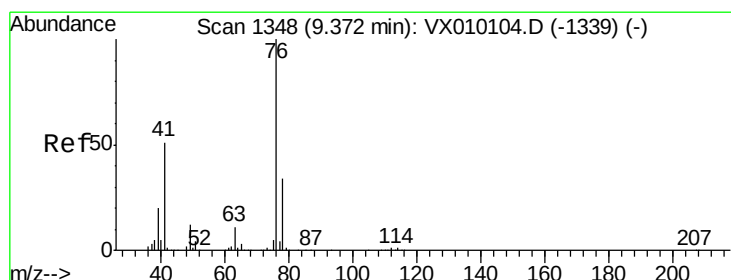
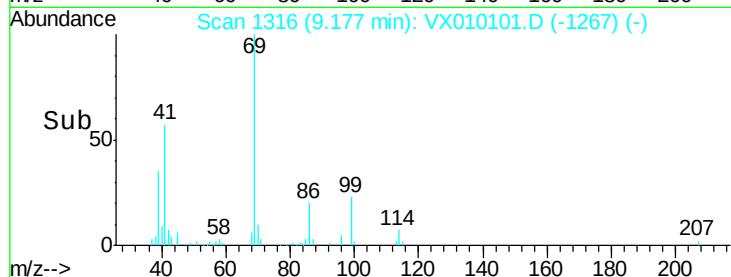
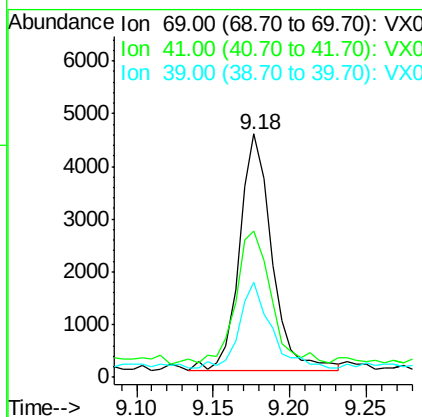
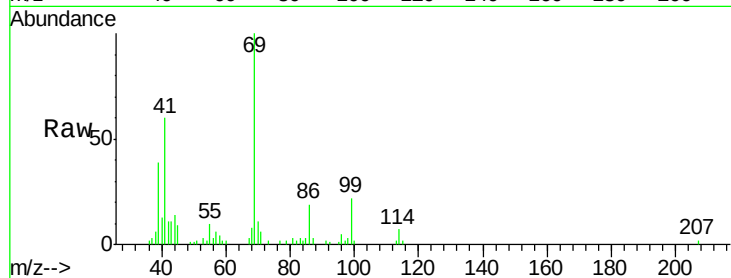
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	6550
Ion	Ratio	Lower	Upper
69	100		
41	62.0	62.7	94.1#
39	36.0	29.5	44.3

Manual Integrations
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MMDadoda
6/10/2019 10:53:23 AM



#57

1,3-Dichloropropane

Concen: 1.164 ug/l

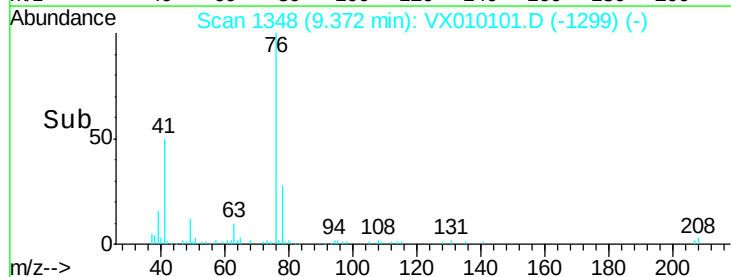
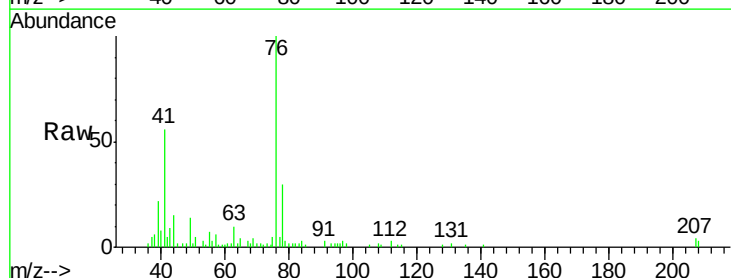
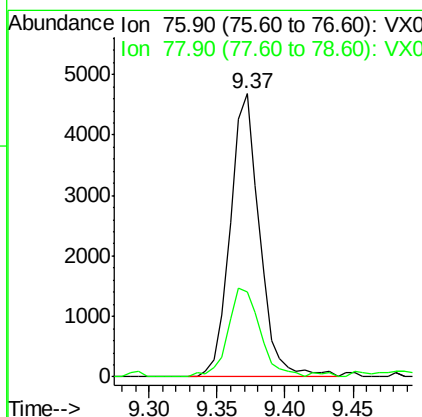
RT: 9.37 min Scan# 1348

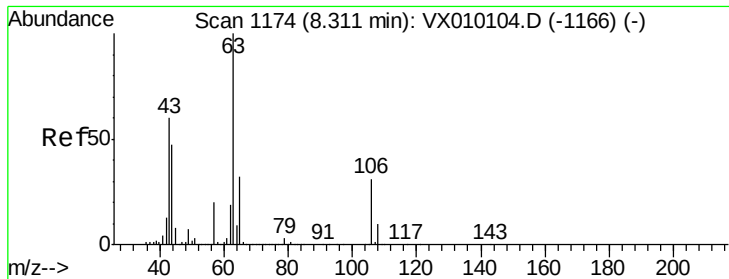
Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion:	76	Resp:	7038
Ion	Ratio	Lower	Upper
76	100		
78	34.3	25.4	38.0





#58

2-Chloroethyl Vinyl ether

Concen: 5.410 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 63 Resp: 16103

Ion Ratio Lower Upper

63 100

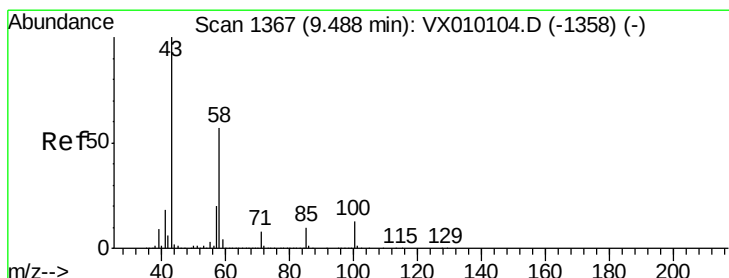
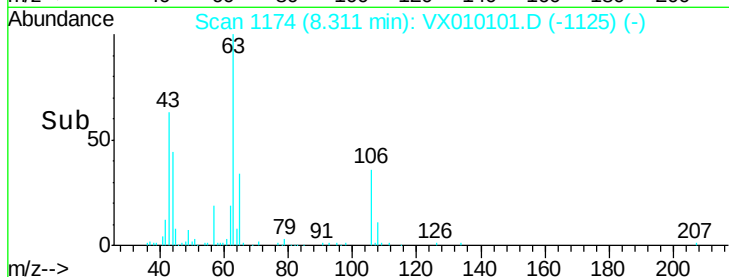
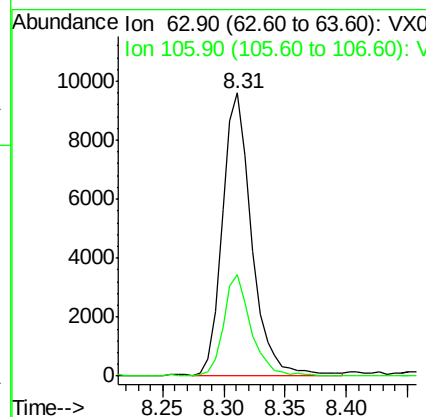
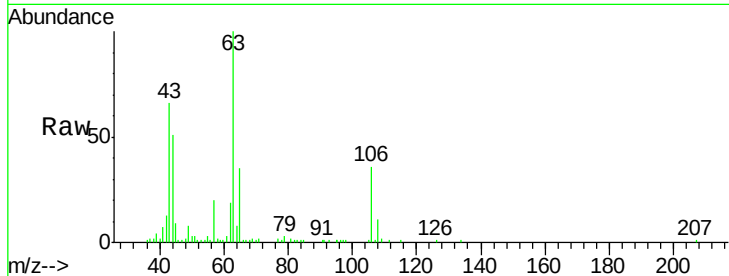
106 33.6 19.4 29.2#

Manual Integrations

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6/10/2019 10:53:23 AM



#59

2-Hexanone

Concen: 5.303 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX010101.D

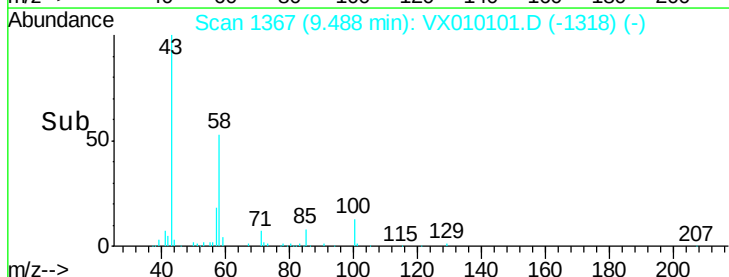
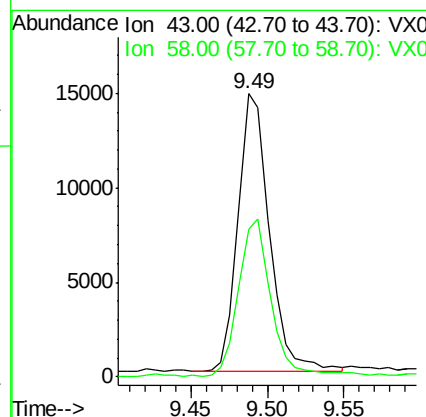
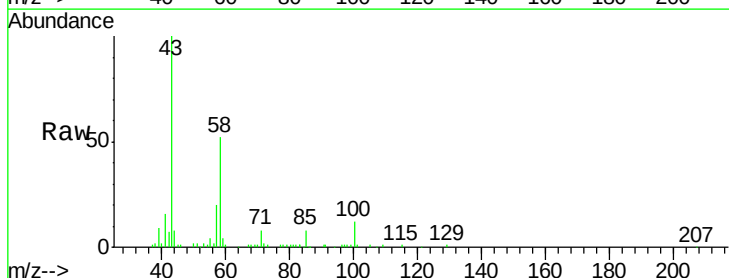
Acq: 07 Jun 2019 11:29

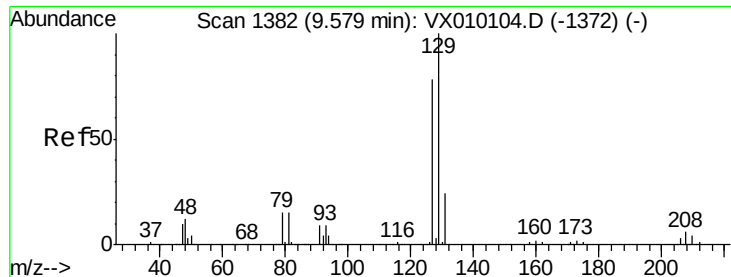
Tgt Ion: 43 Resp: 20961

Ion Ratio Lower Upper

43 100

58 58.7 25.1 75.3





#60

Dibromochloromethane

Concen: 1.086 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 4999

Ion Ratio Lower Upper

129 100

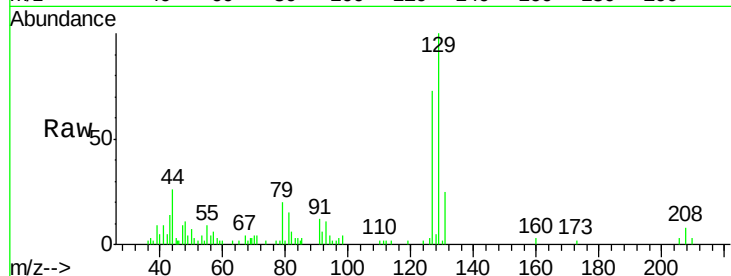
127 79.8 38.5 115.5

Manual Integrations

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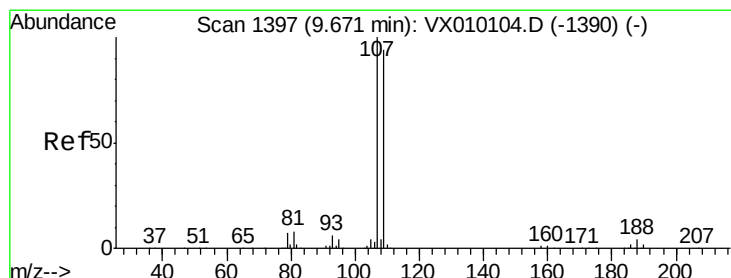
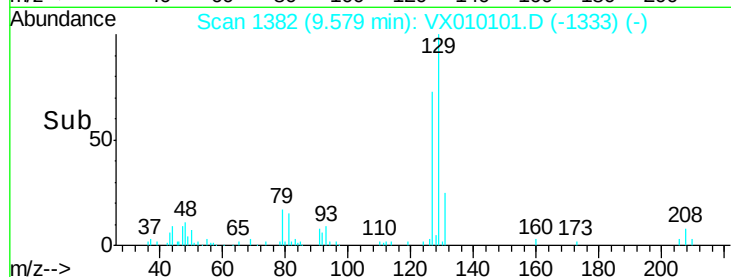
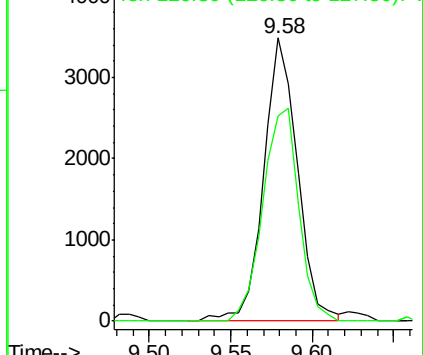
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.163 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010101.D

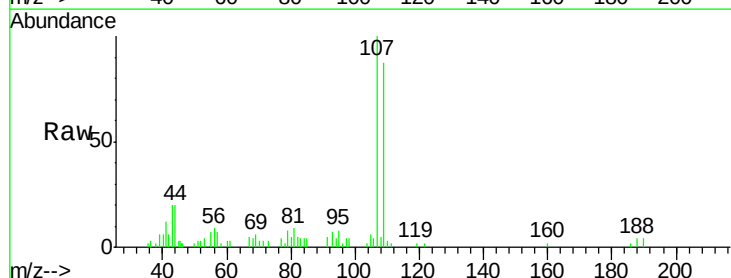
Acq: 07 Jun 2019 11:29

Tgt Ion:107 Resp: 4968

Ion Ratio Lower Upper

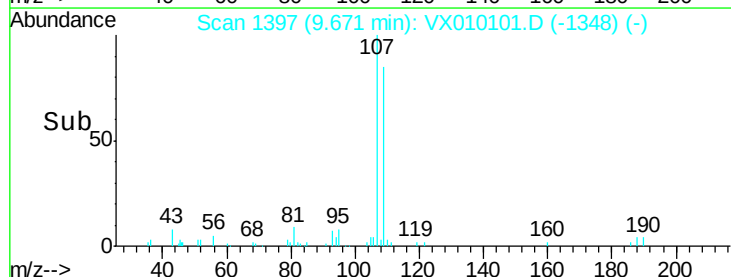
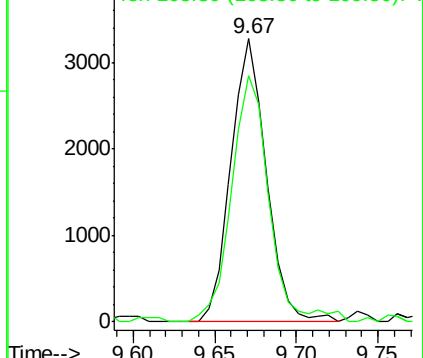
107 100

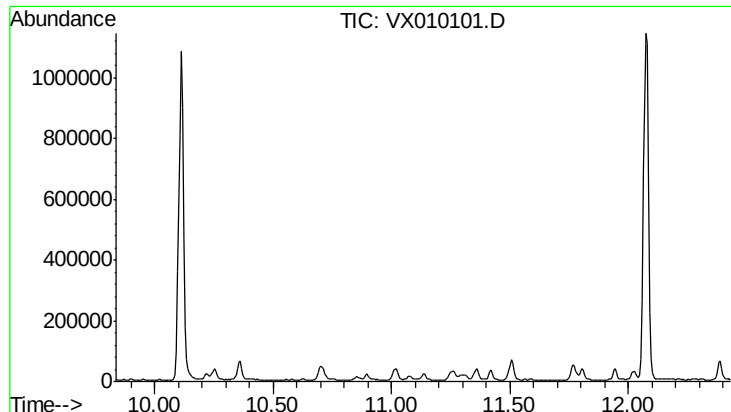
109 88.9 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.13 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tot Ion: 95

Sig Exp Ratio

95 100

174 80.2

176 77.3

Instrument :

MSVOA_X

ClientSampleId :

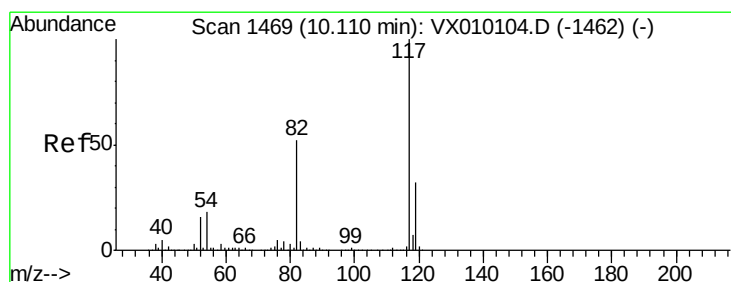
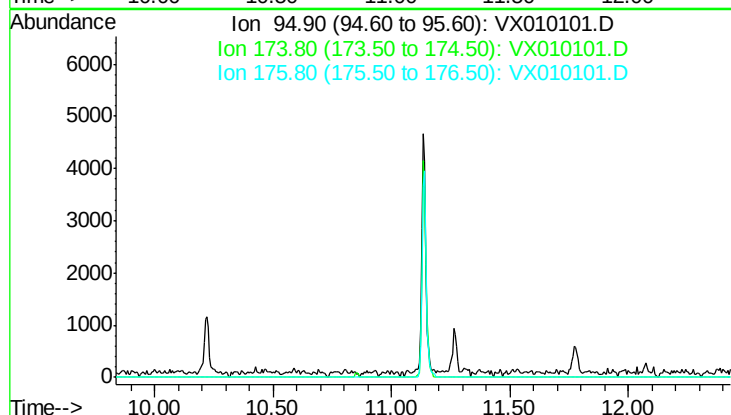
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

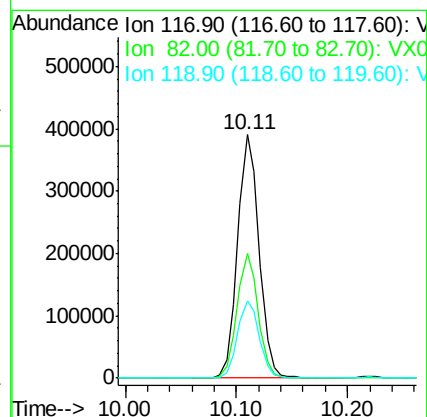
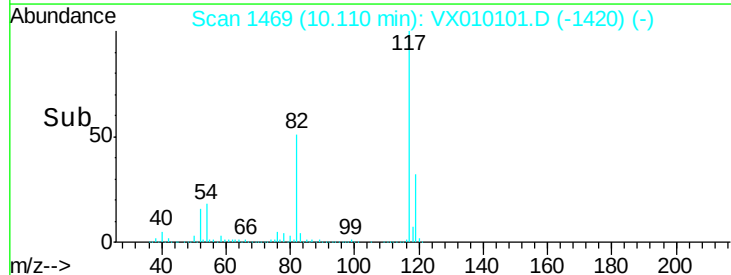
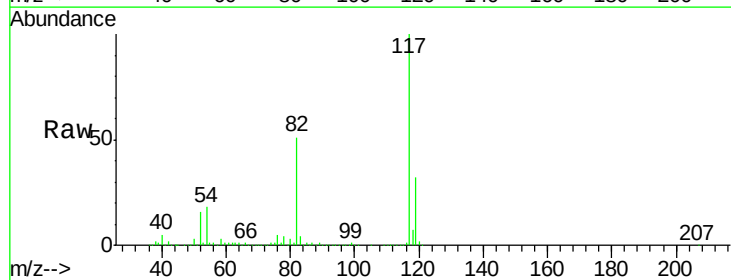
Tgt Ion:117 Resp: 520780

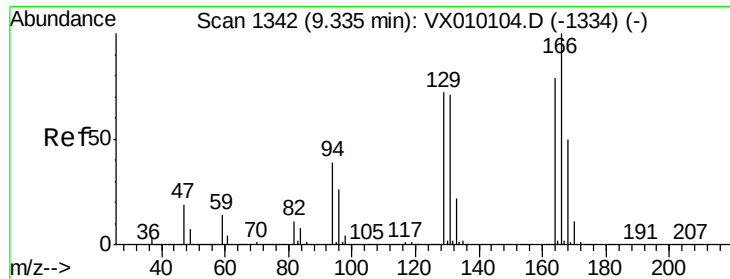
Ion Ratio Lower Upper

117 100

82 51.2 49.2 73.8

119 31.9 25.2 37.8





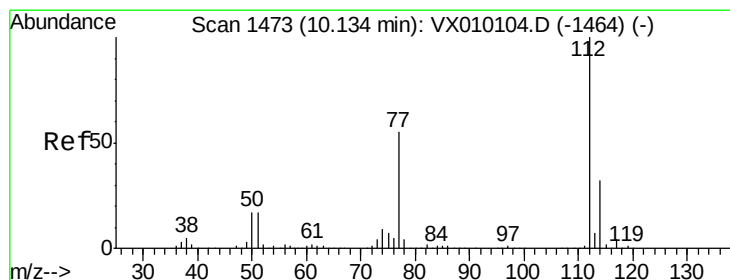
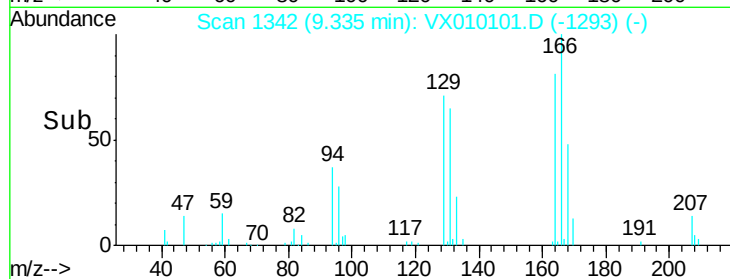
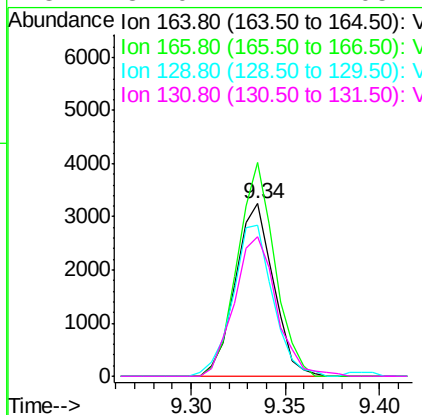
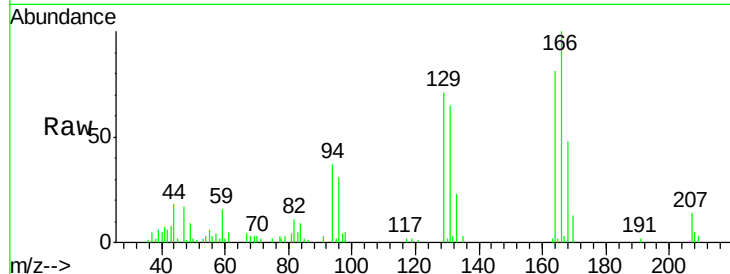
#64
 Tetrachloroethene
 Concen: 1.255 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	164	Resp:	4546
Ion	Ratio	Lower	Upper
164	100		
166	123.8	105.0	157.4
129	87.6	75.1	112.7
131	81.0	72.2	108.4

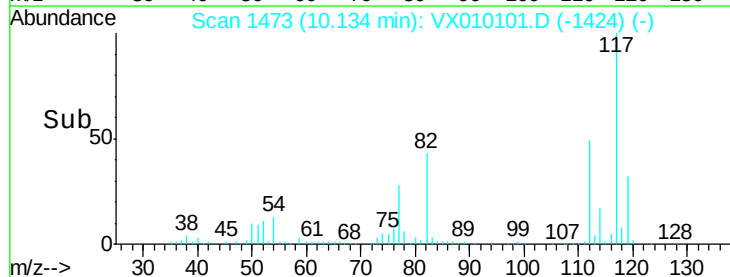
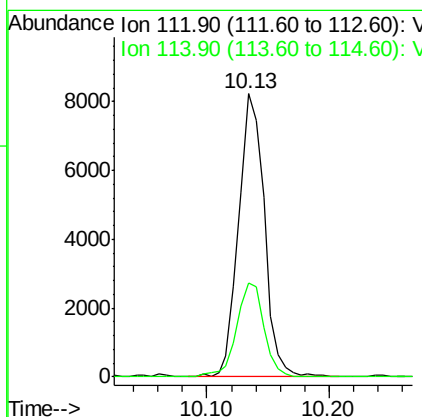
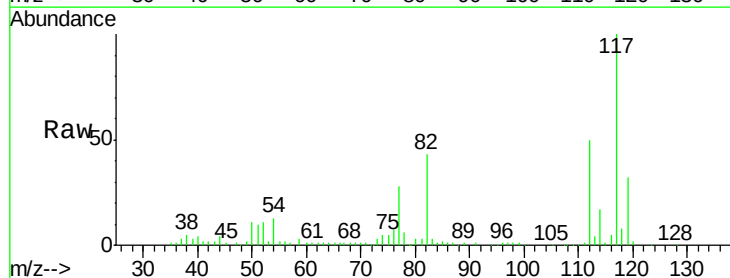
Manual Integrations
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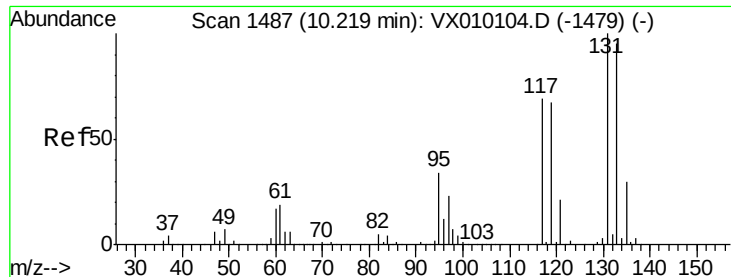
MMDadoda
 6/10/2019 10:53:23 AM



#65
 Chlorobenzene
 Concen: 1.155 ug/l
 RT: 10.13 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion:	112	Resp:	11980
Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.8	38.8





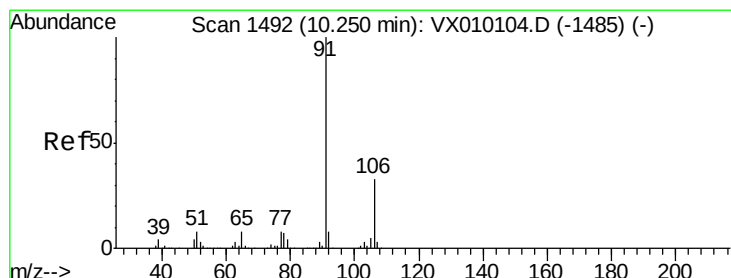
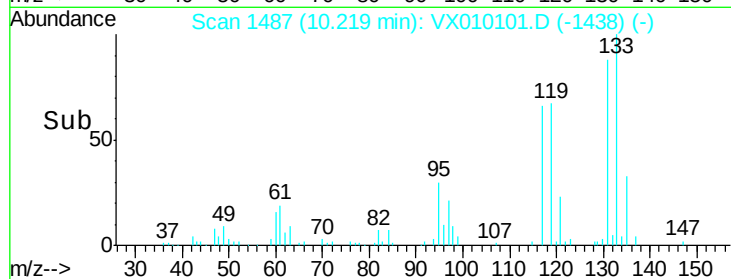
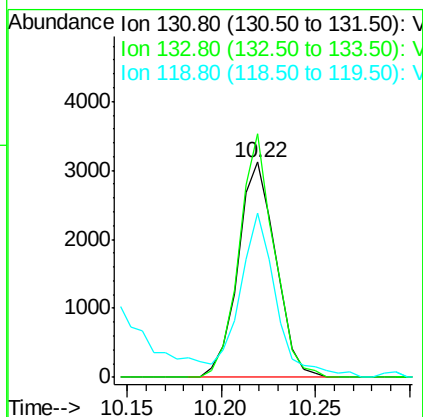
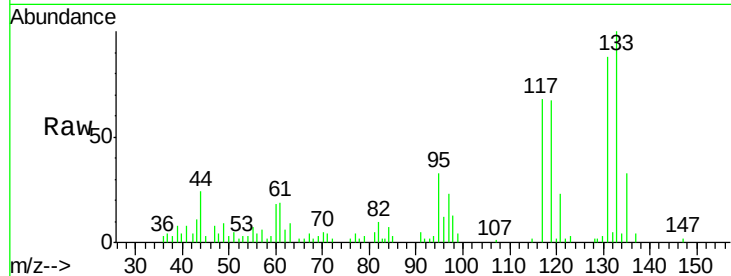
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.084 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	104.8	47.5	142.6
119	0.0	33.4	100.1#

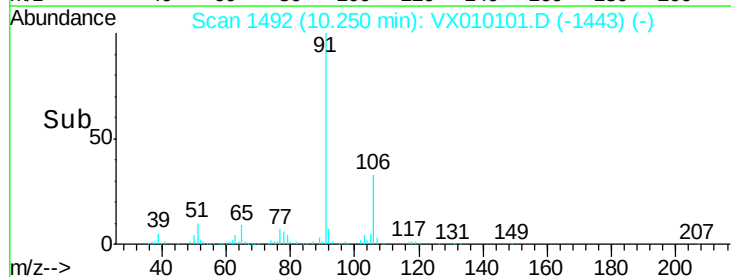
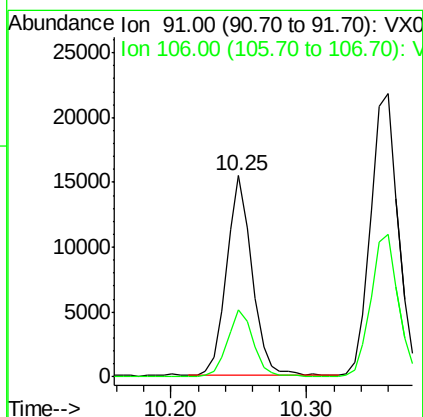
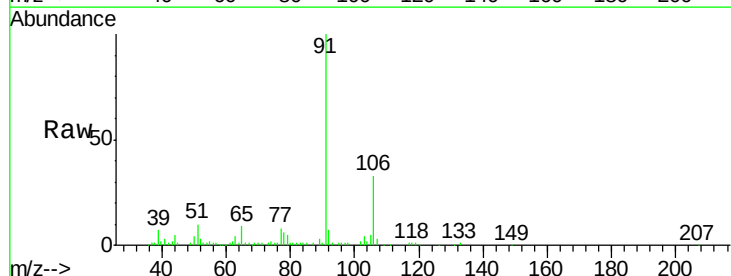
Manual Integrations
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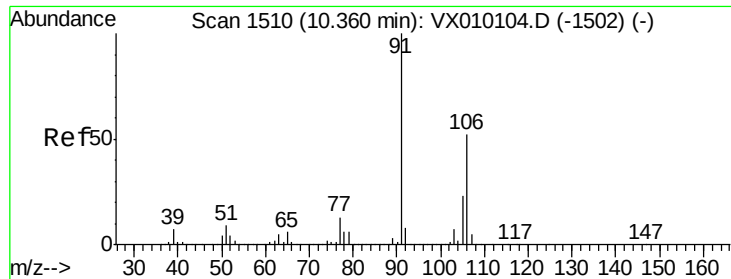
MMDadoda
 6/10/2019 10:53:23 AM



#67
 Ethyl Benzene
 Concen: 1.132 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.3	23.9	35.9





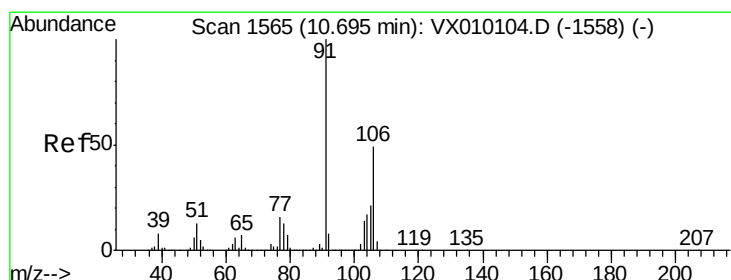
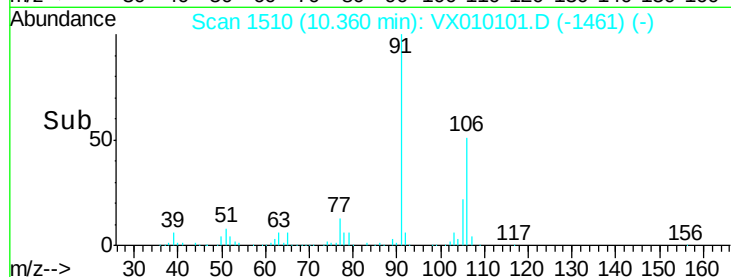
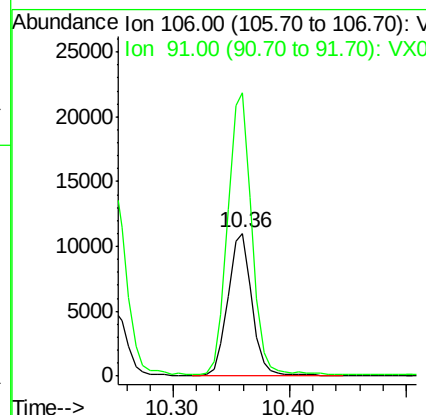
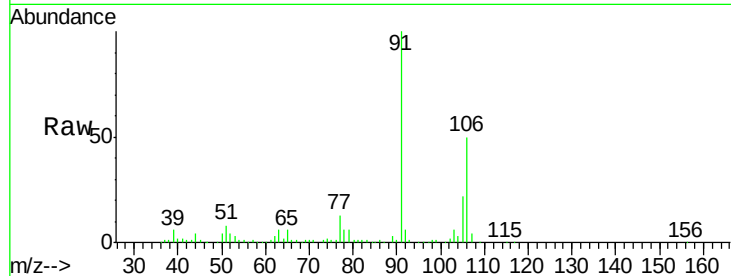
#68
m/p-Xylenes
Concen: 2.306 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		15787		
91	194.9	167.3	250.9		

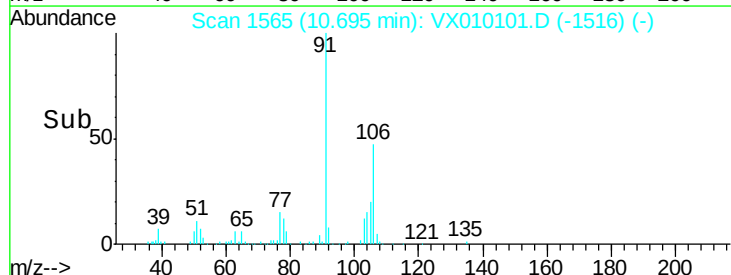
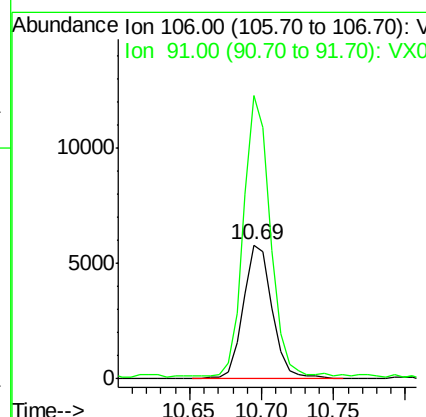
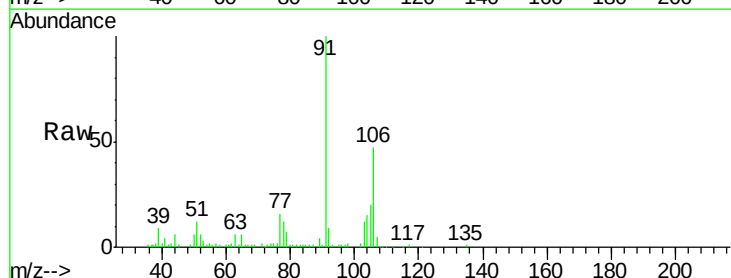
Manual Integrations
APPROVED

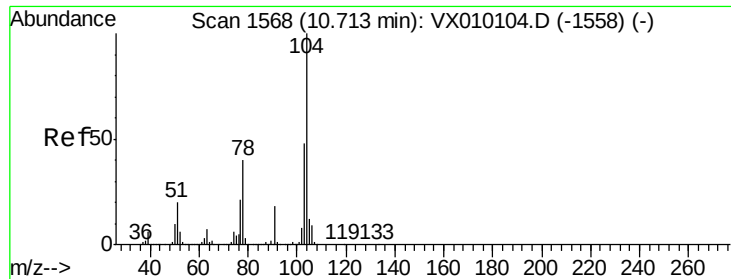
MMDadoda
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#69
o-Xylene
Concen: 1.200 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		8080		
91	193.8	110.4	331.2		





#70

Stvrene

Concen: 1.145 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

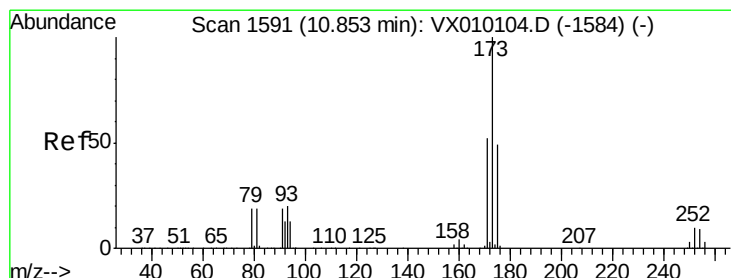
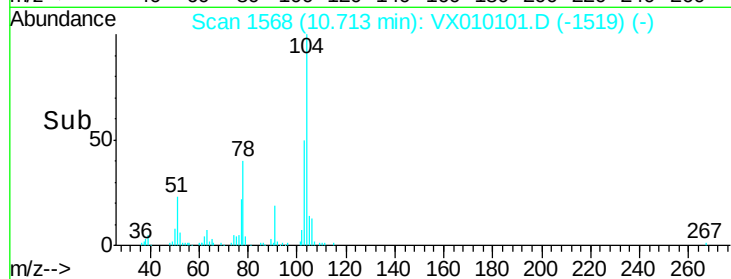
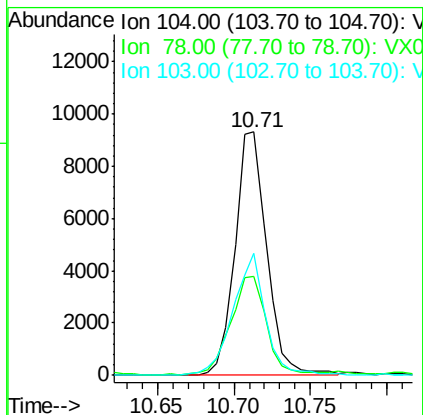
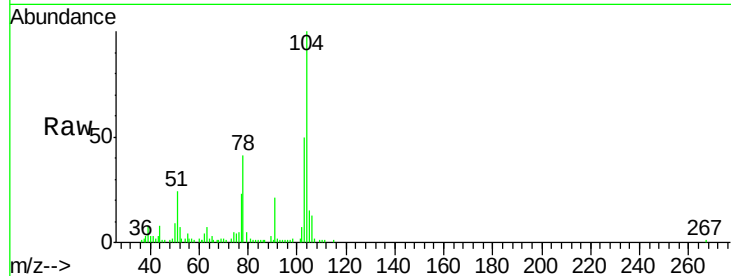
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	13399
Ion Ratio	Lower	Upper	
104	100		
78	47.9	42.1	63.1
103	51.2	44.1	66.1

Manual Integrations
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#71

Bromoform

Concen: 1.083 ug/l

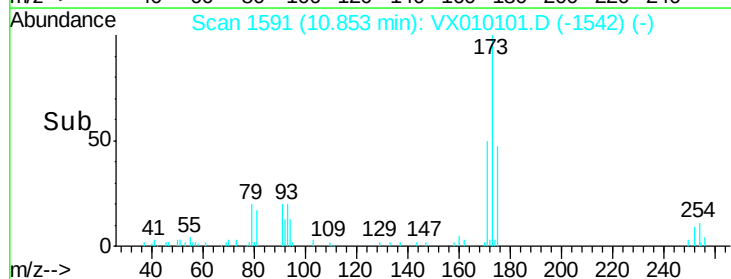
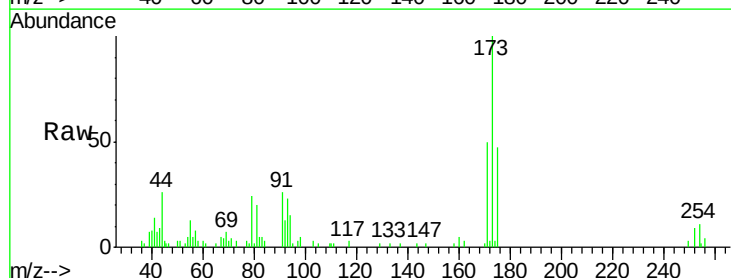
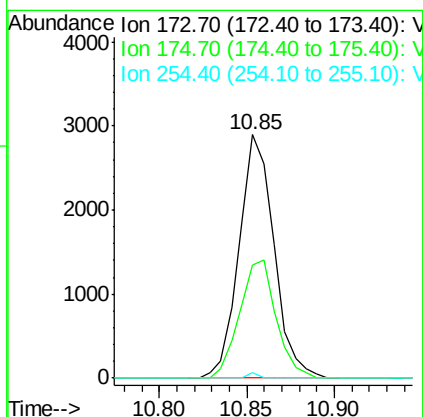
RT: 10.85 min Scan# 1591

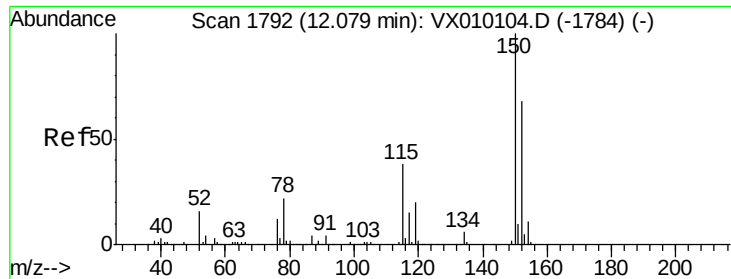
Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion:	173	Resp:	4018
Ion Ratio	Lower	Upper	
173	100		
175	50.6	25.0	75.0
254	0.5	0.2	0.2#





#72

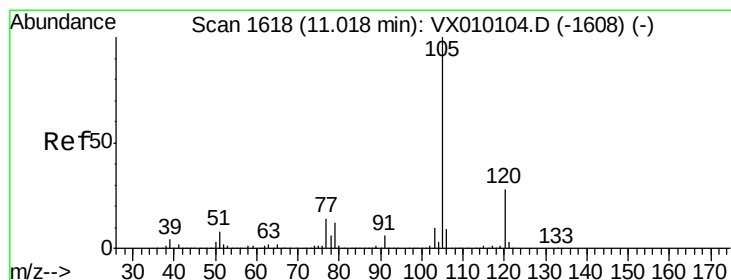
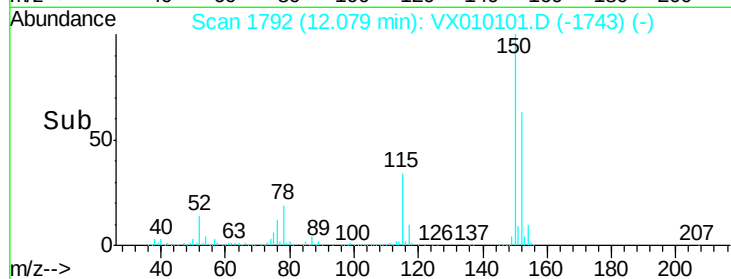
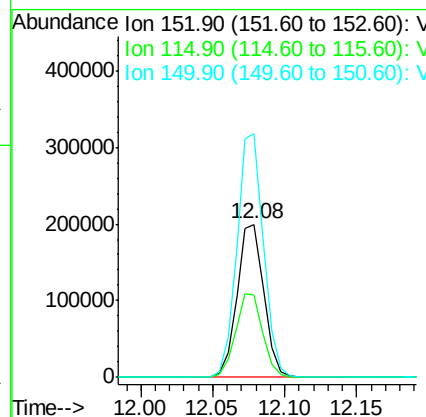
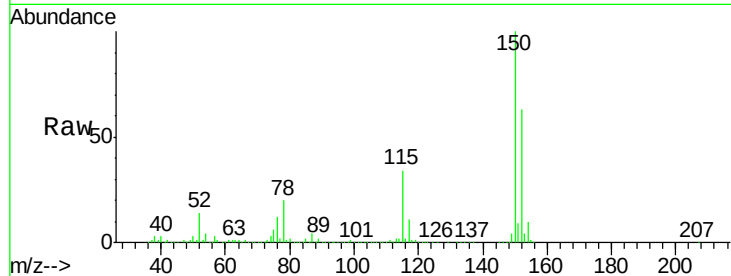
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	259295		
115	55.5	41.4	124.2	
150	158.6	0.0	345.2	

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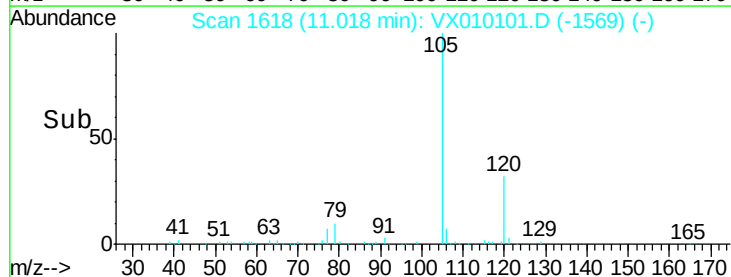
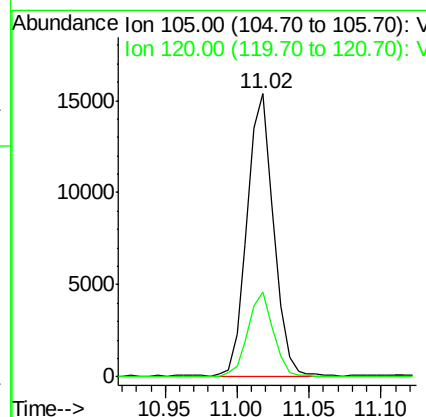
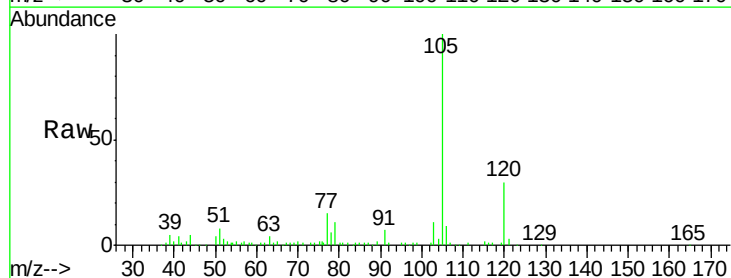
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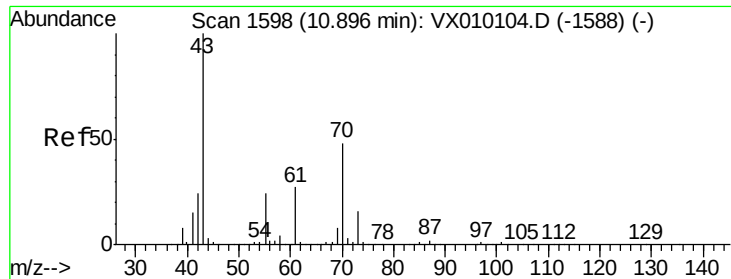


#73

Isopropylbenzene
Concen: 1.108 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	19446		
120	29.0	12.8	38.4	





#74

N-amvl acetate

Concen: 1.072 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

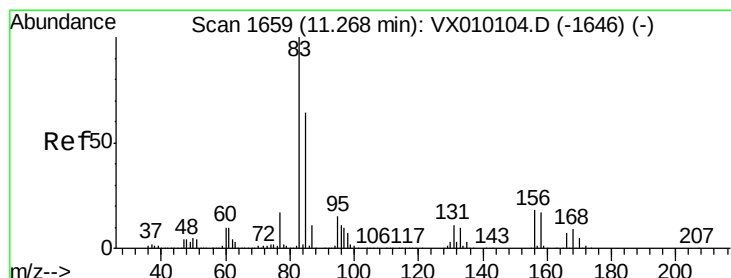
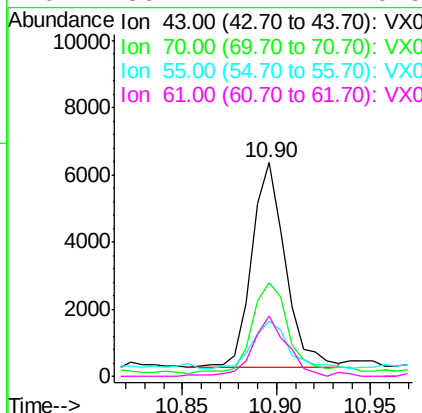
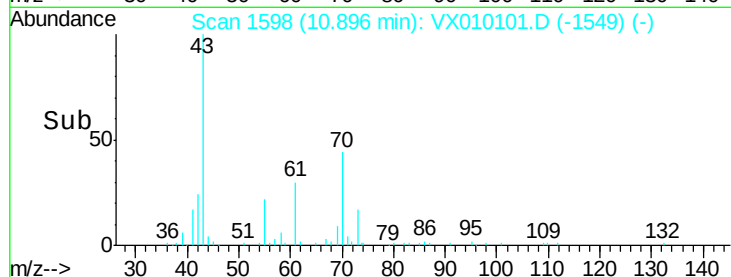
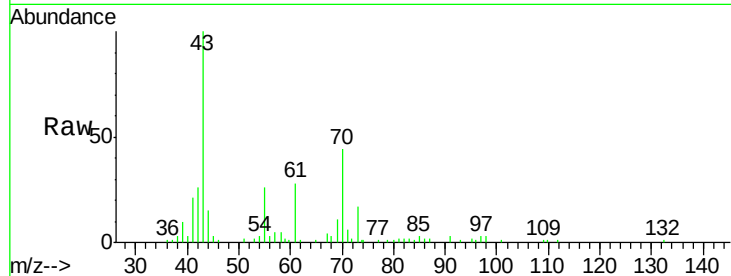
ClientSampleId :

VSTDIC001

Tot Ion	43	Resp	7507
Ion	Ratio	Lower	Upper
43	100		
70	50.4	28.6	43.0#
55	26.2	17.8	26.8
61	30.1	17.7	26.5#

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.183 ug/l

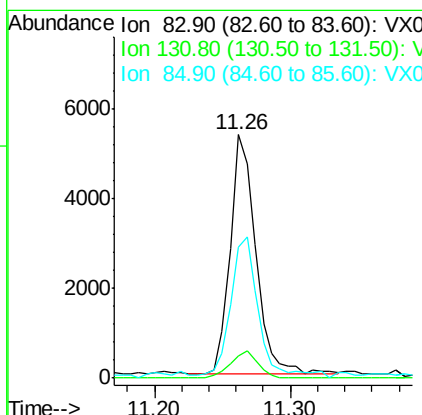
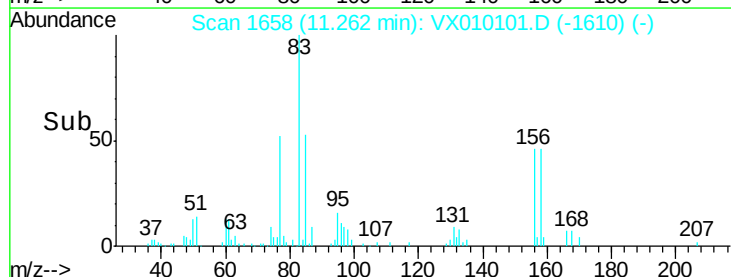
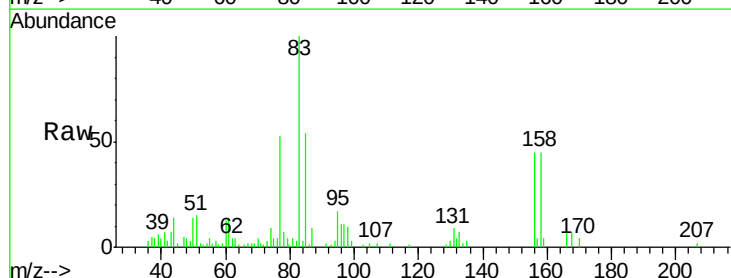
RT: 11.26 min Scan# 1658

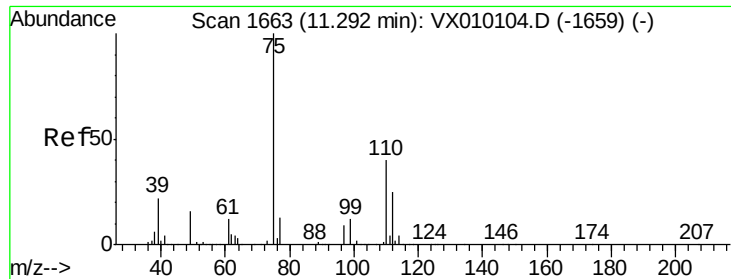
Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion	83	Resp	7024
Ion	Ratio	Lower	Upper
83	100		
131	12.0	4.7	14.1
85	64.8	31.9	95.9





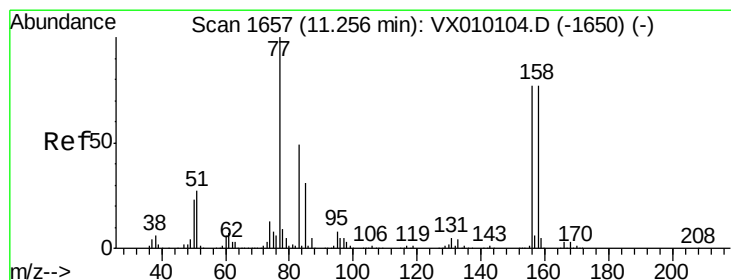
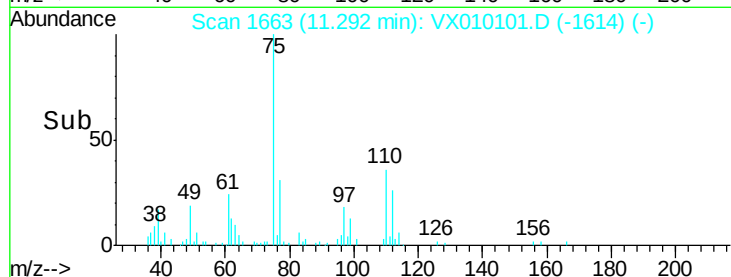
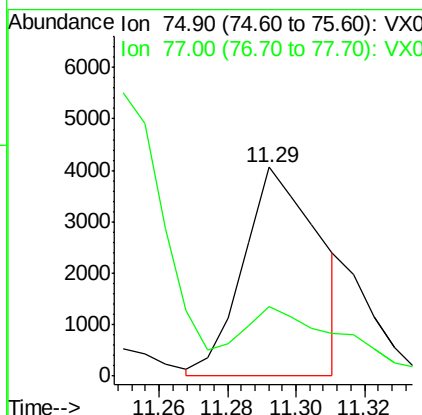
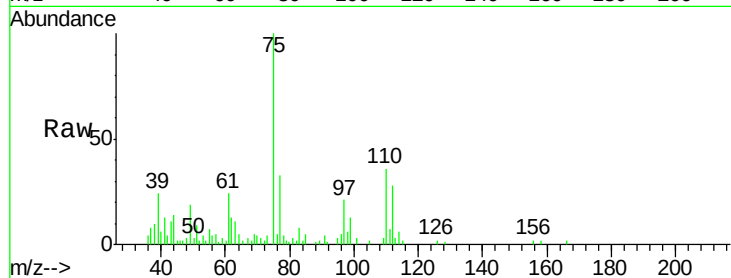
#76
1,2,3-Trichloropropane
Concen: 1.253 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 6215
Ion Ratio Lower Upper
75 100
77 41.6 22.1 66.1

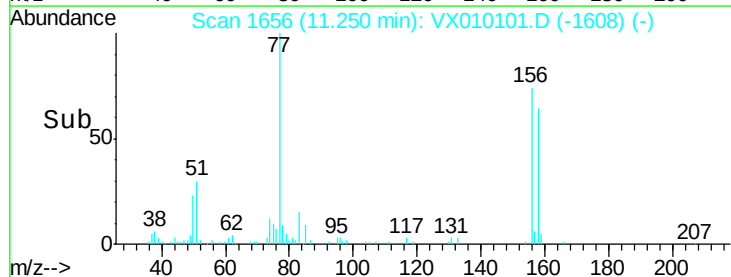
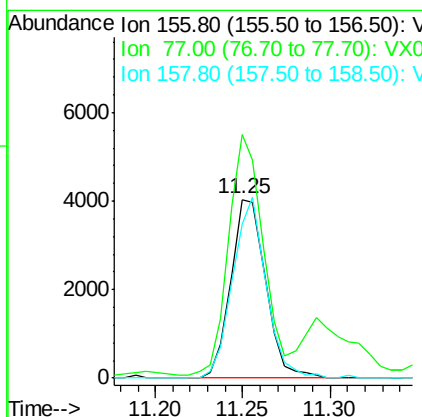
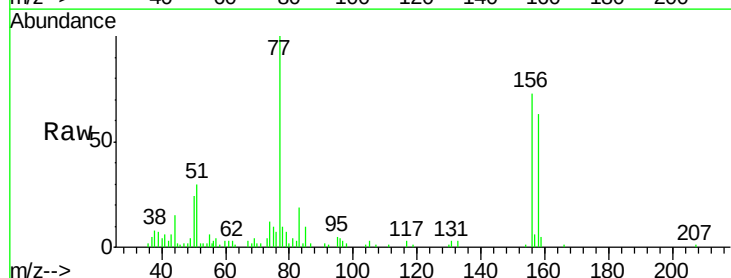
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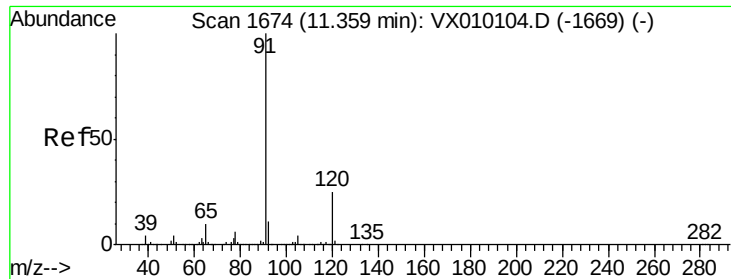
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#77
Bromobenzene
Concen: 1.169 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 156 Resp: 5608
Ion Ratio Lower Upper
156 100
77 132.4 86.8 260.3
158 96.5 49.6 148.8





#78

n-propylbenzene

Concen: 1.085 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 21384

Ion Ratio Lower Upper

91 100

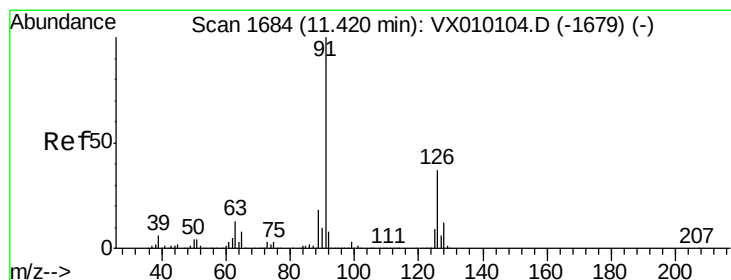
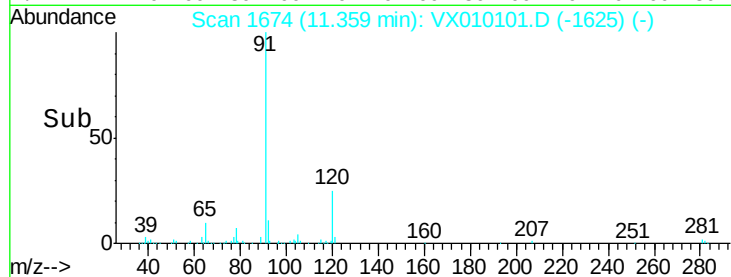
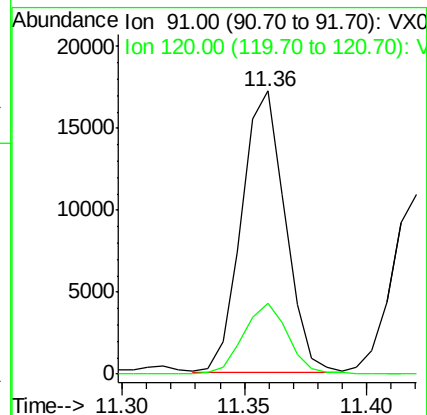
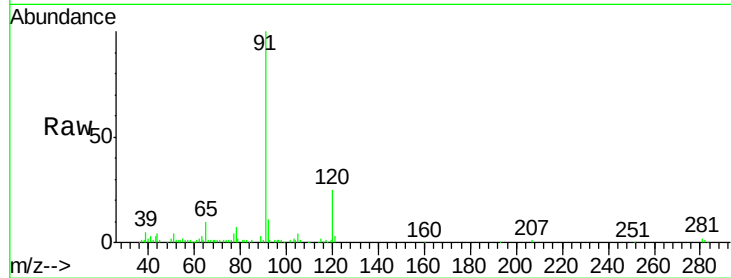
120 25.6 11.1 33.3

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#79

2-Chlorotoluene

Concen: 1.149 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010101.D

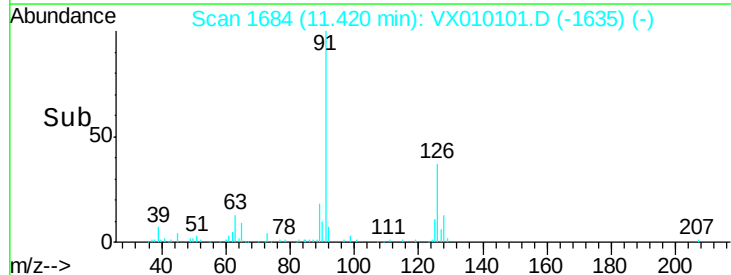
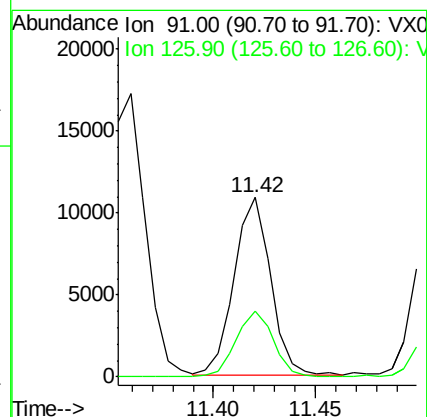
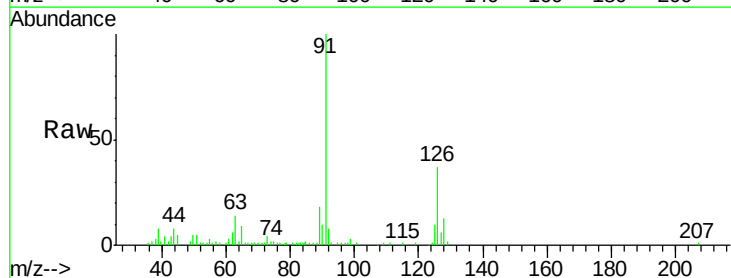
Acq: 07 Jun 2019 11:29

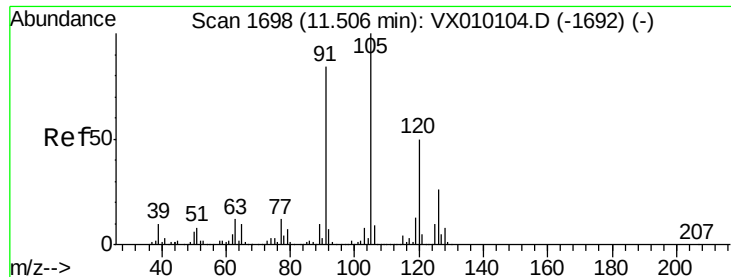
Tgt Ion: 91 Resp: 13462

Ion Ratio Lower Upper

91 100

126 38.2 16.1 48.3





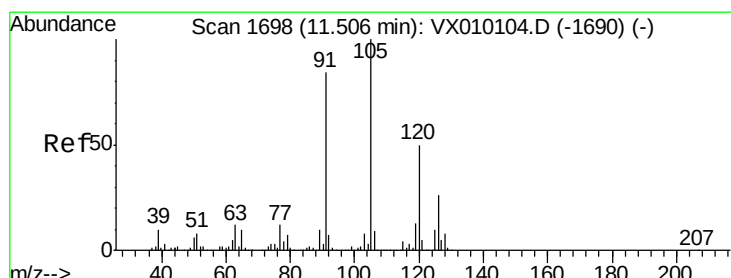
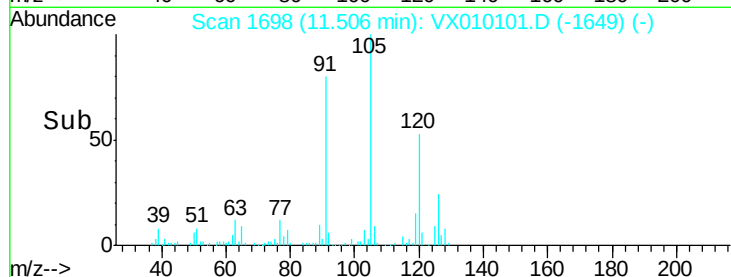
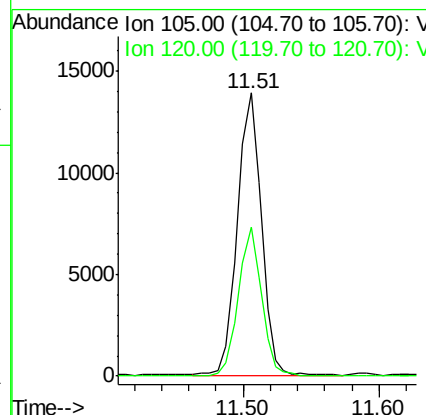
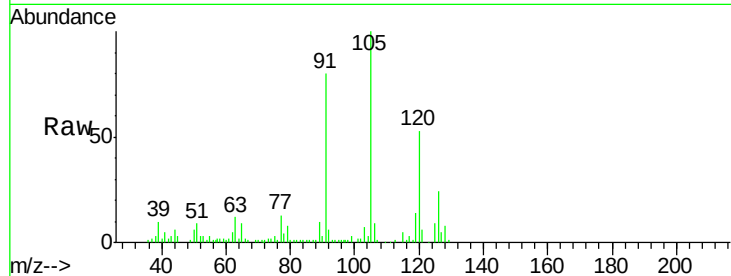
#80
 1,3,5-Trimethylbenzene
 Concen: 1.182 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 17347
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.1 72.3

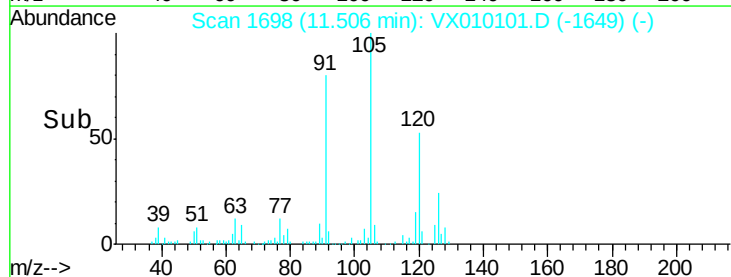
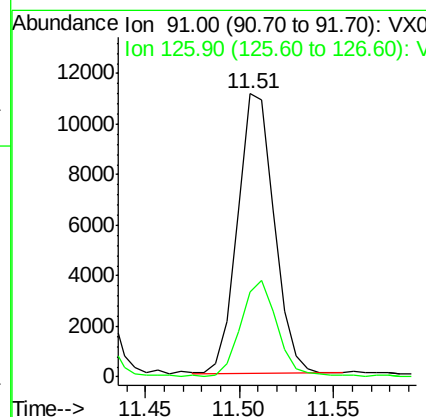
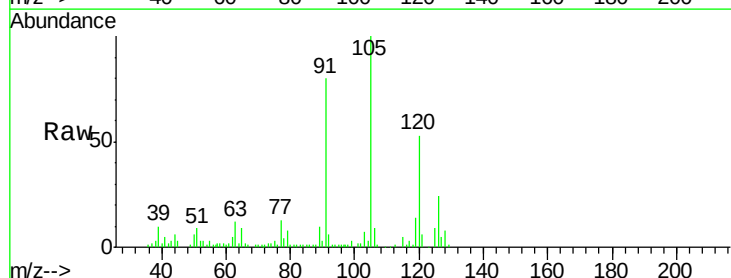
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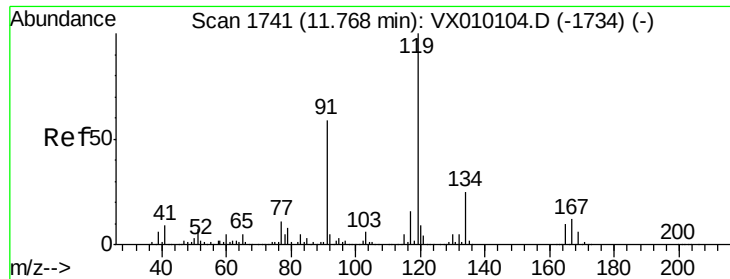
MMDadoda
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#82
 4-Chlorotoluene
 Concen: 1.098 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion: 91 Resp: 14883
 Ion Ratio Lower Upper
 91 100
 126 34.9 14.2 42.6





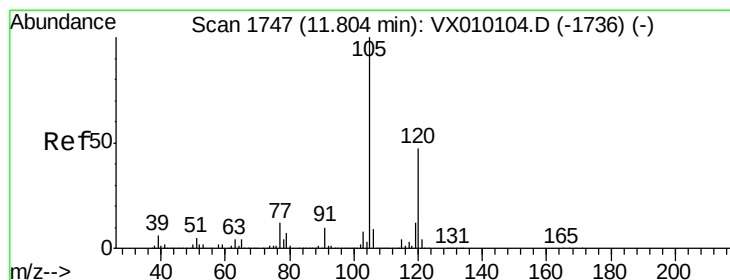
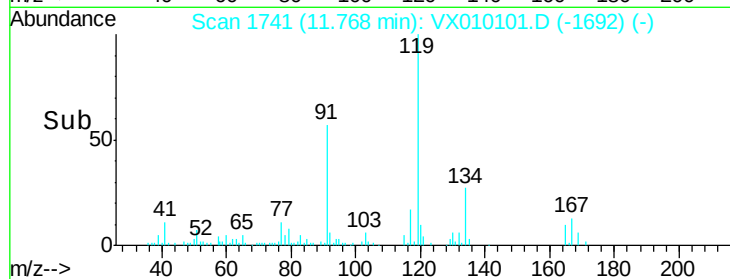
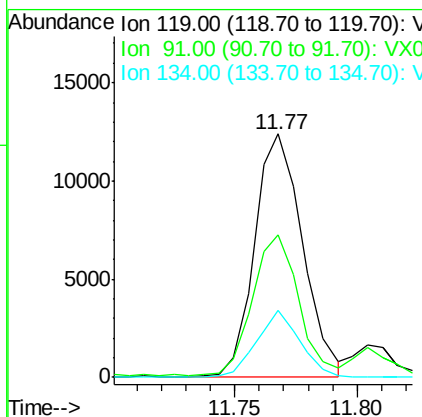
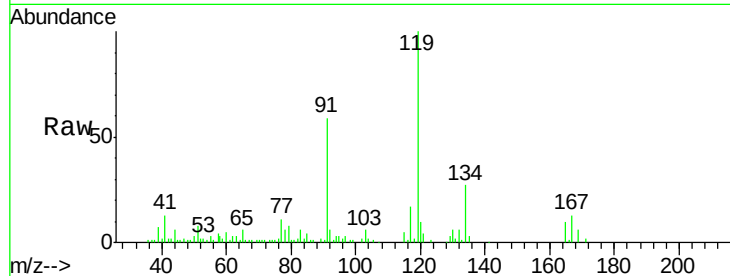
#83
 tert-Butylbenzene
 Concen: 1.146 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.0	30.0	90.0
134	24.7	11.2	33.5

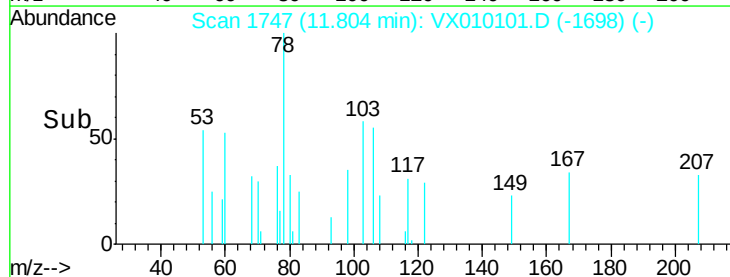
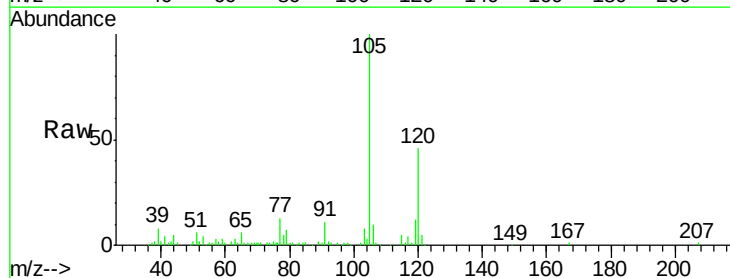
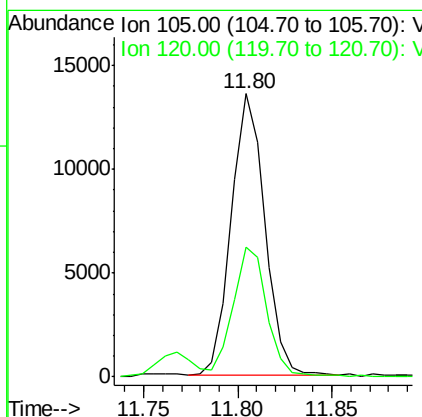
Manual Integrations
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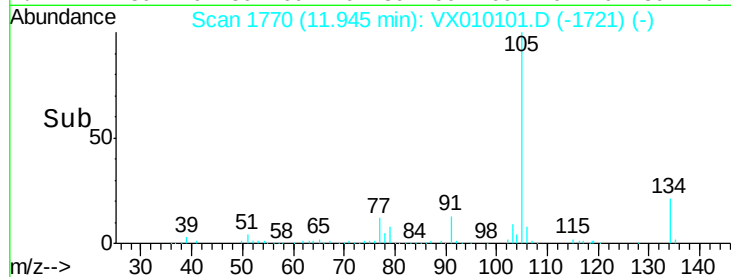
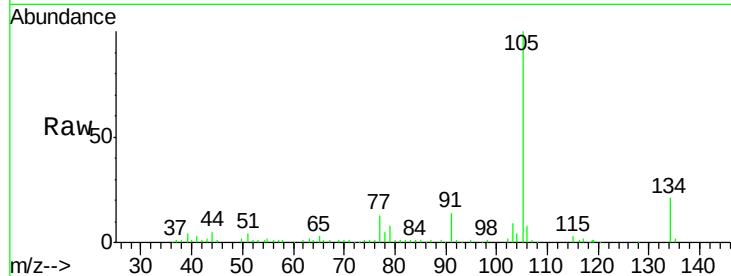
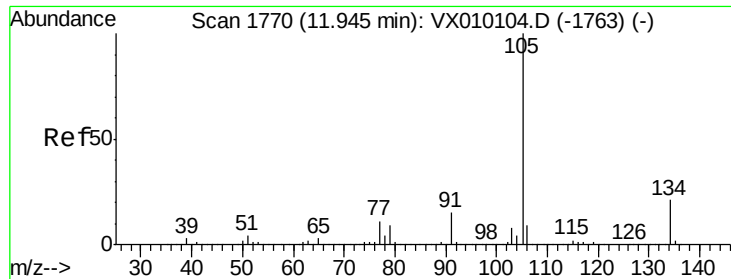
MMDadoda
 6/10/2019 10:53:23 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 1.137 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.1	66.1





#85

sec-Butylbenzene

Concen: 1.149 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tot Ion:105 Resp: 19951

Ion Ratio Lower Upper

105 100

134 21.3 9.7 28.9

Instrument :

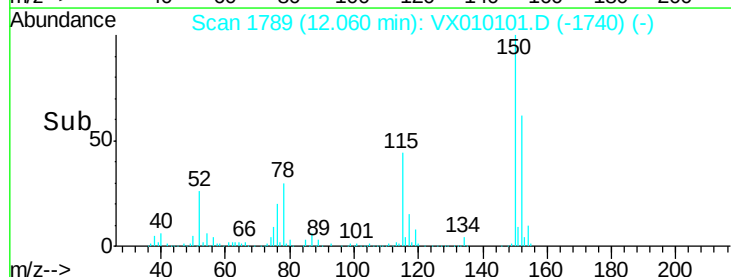
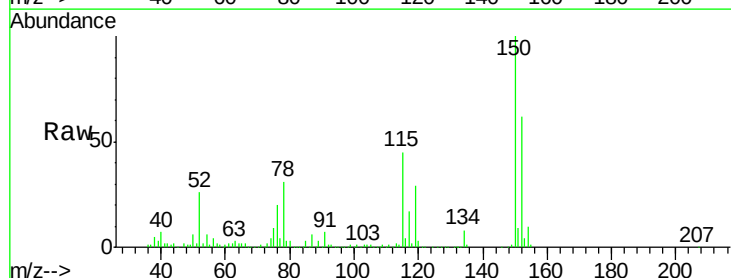
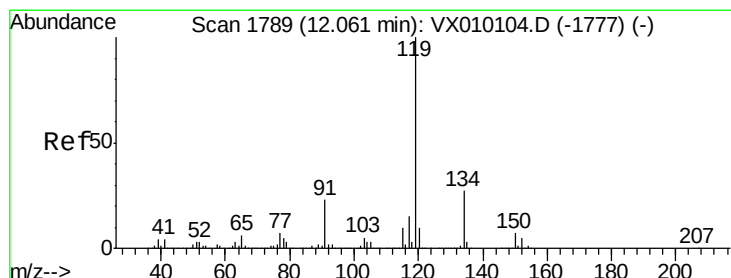
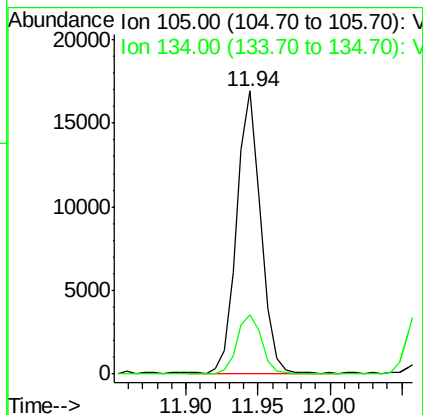
MSVOA_X

ClientSampleId :

VSTDIC001

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#86

p-Isopropyltoluene

Concen: 1.124 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

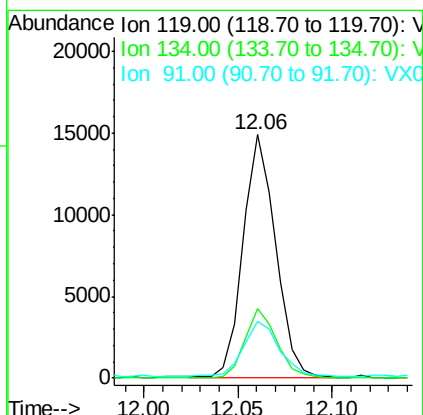
Tgt Ion:119 Resp: 17961

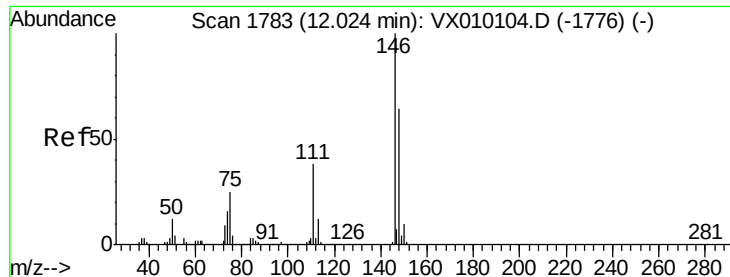
Ion Ratio Lower Upper

119 100

134 28.0 12.9 38.6

91 24.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 1.162 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

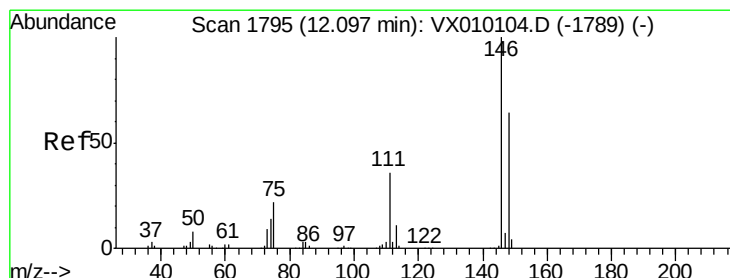
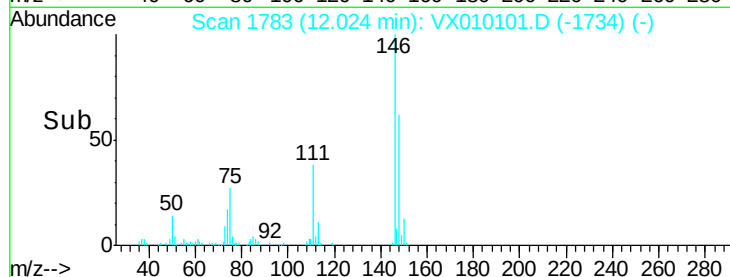
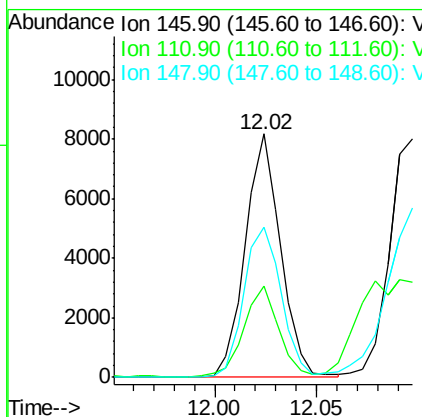
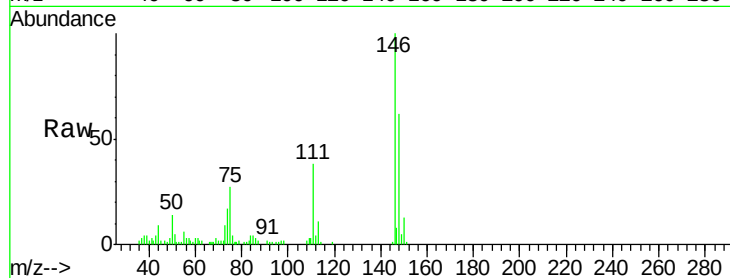
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	9851
Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.1	60.2
148	65.9	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 1.228 ug/l m

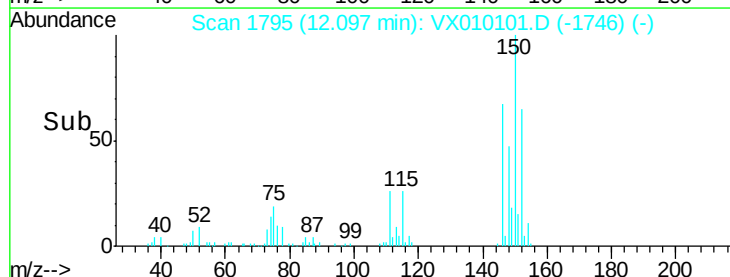
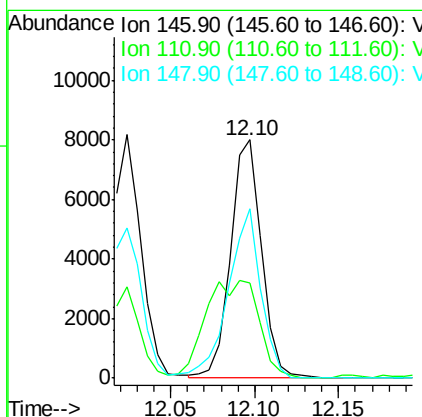
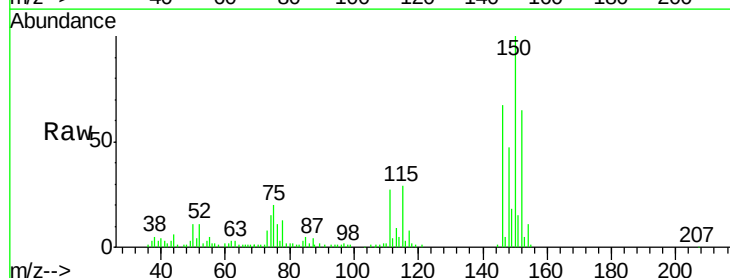
RT: 12.10 min Scan# 1795

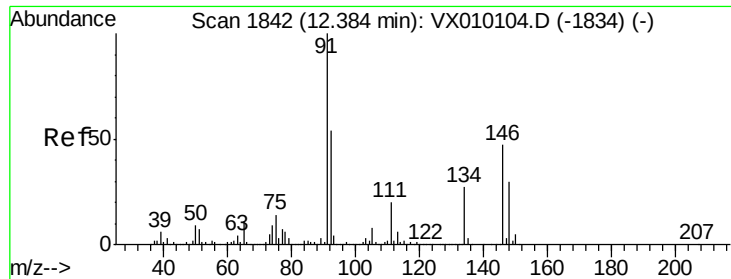
Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion:	146	Resp:	10256
Ion	Ratio	Lower	Upper
146	100		
111	36.1	20.0	59.9
148	63.3	32.3	96.9





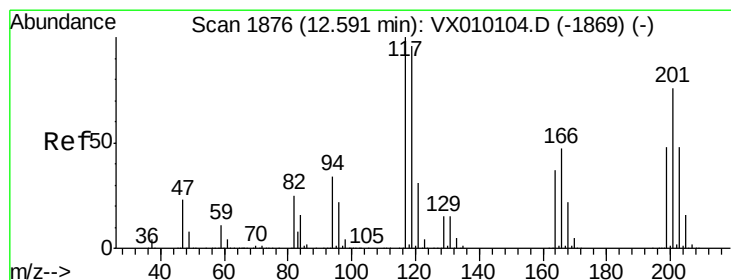
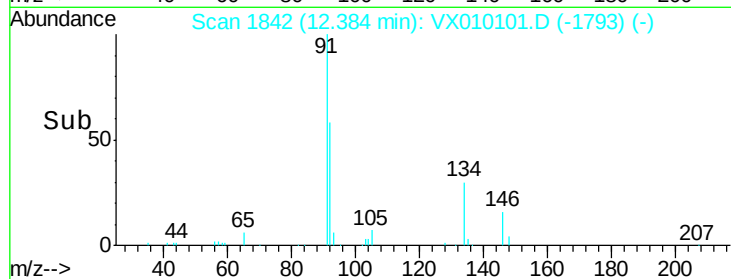
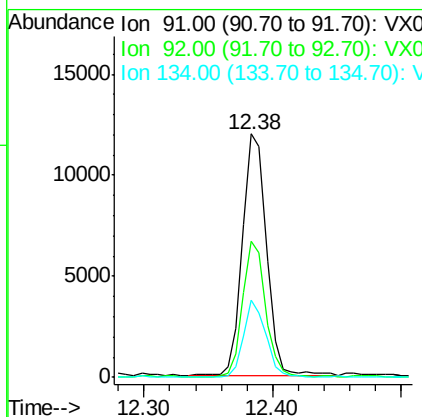
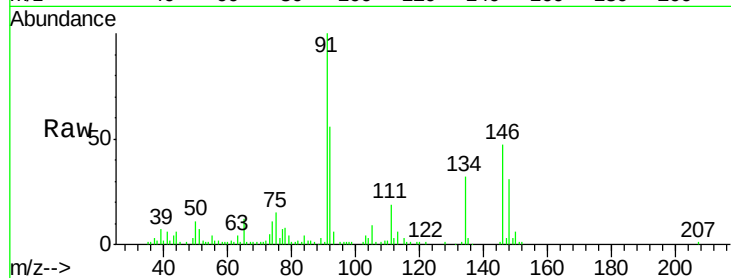
#89
n-Butylbenzene
Concen: 1.107 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	26.3	78.8
134	29.5	12.3	36.8

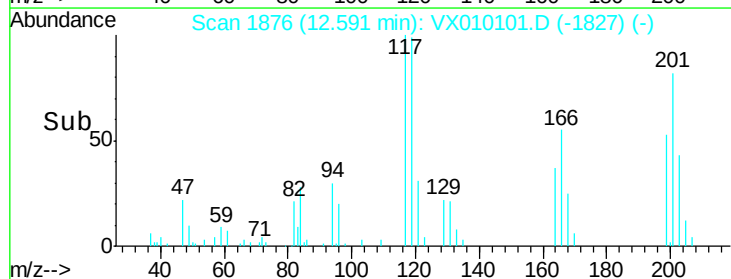
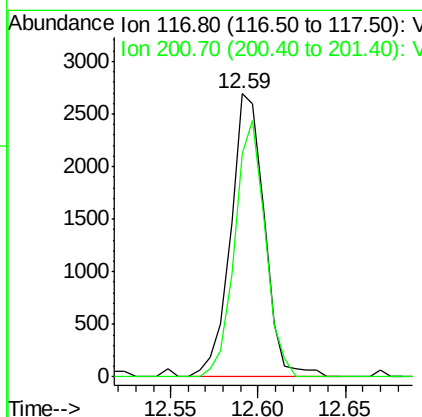
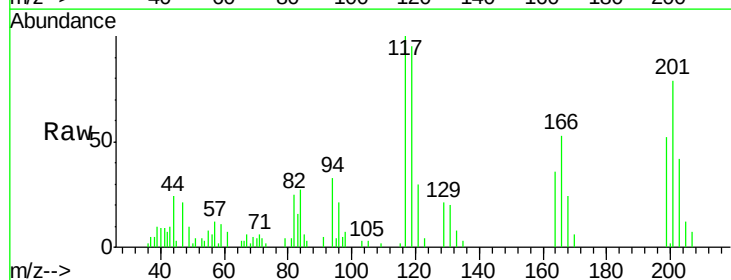
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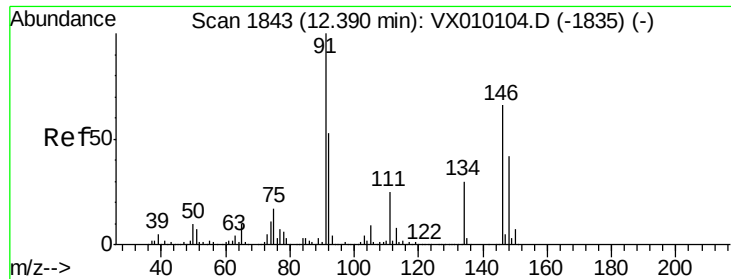
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#90
Hexachloroethane
Concen: 1.147 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.2	43.6	130.9





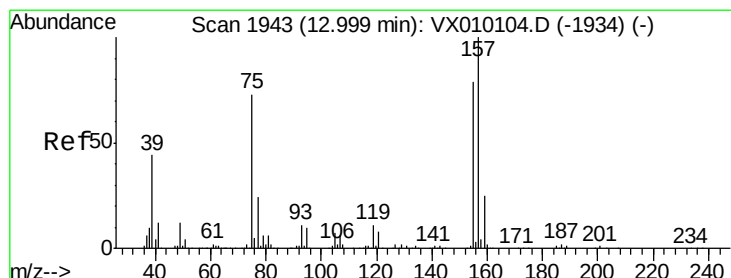
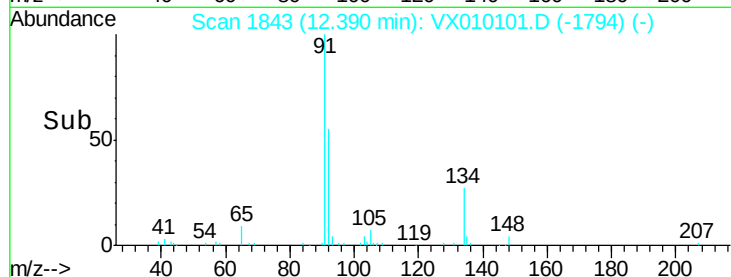
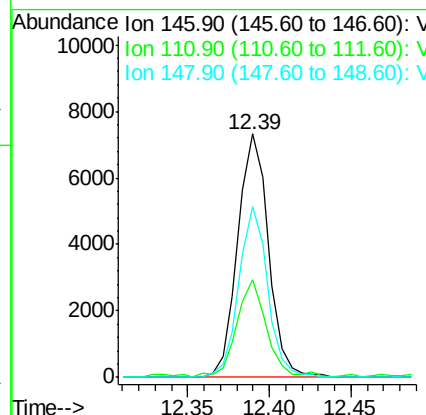
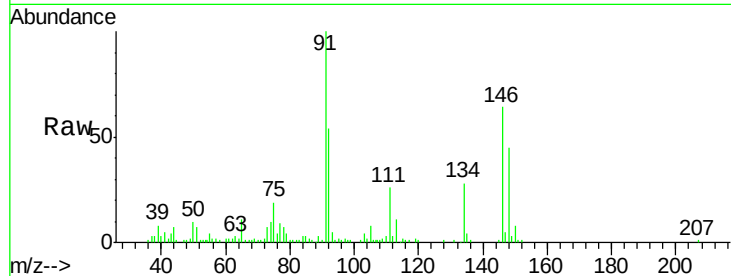
#91
 1,2-Dichlorobenzene
 Concen: 1.174 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	21.1	63.1
148	65.9	32.3	96.8

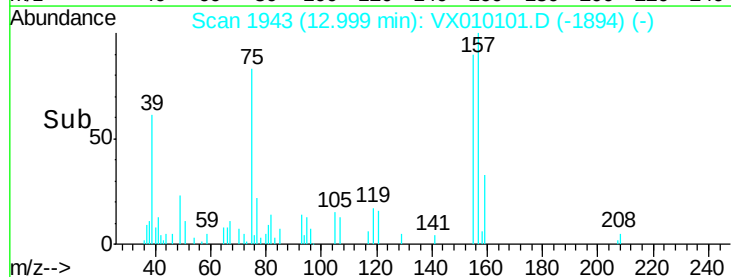
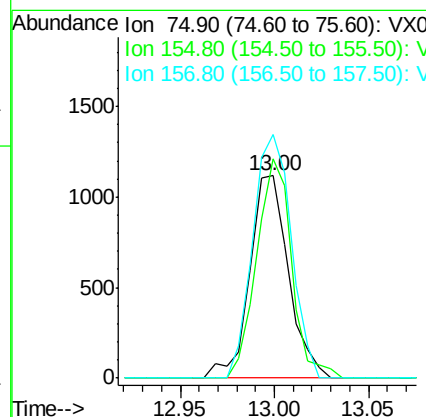
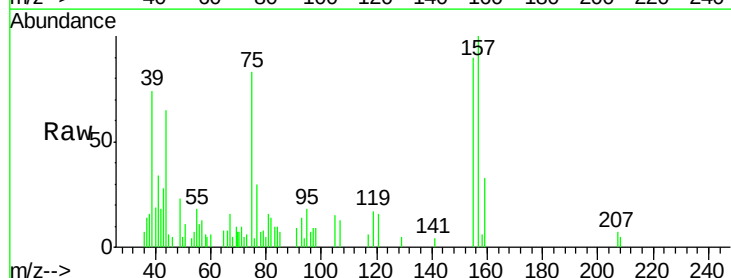
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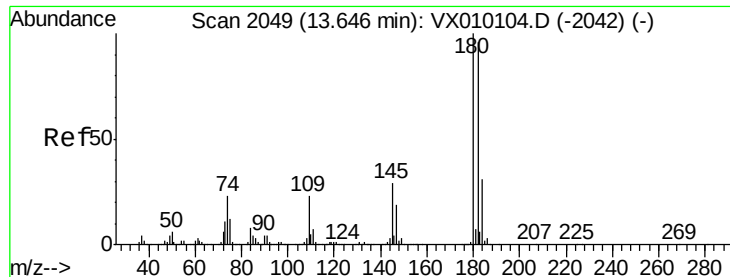
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.169 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.9	39.3	117.8
157	119.1	50.6	151.8





#93

1,2,4-Trichlorobenzene

Concen: 1.274 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

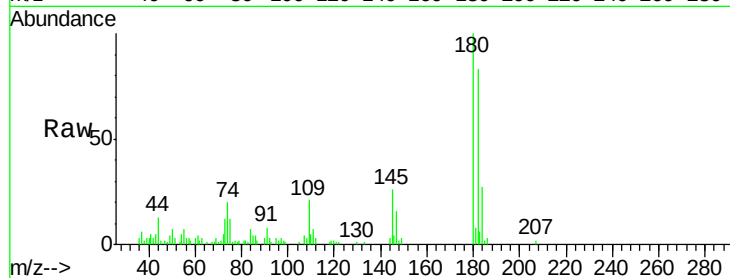
ClientSampleId :

VSTDIC001

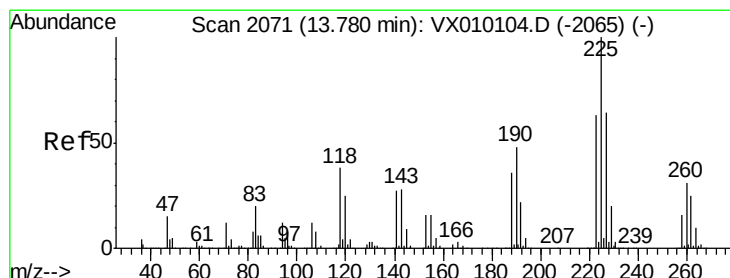
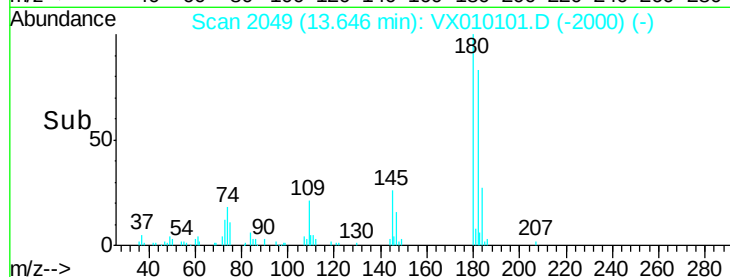
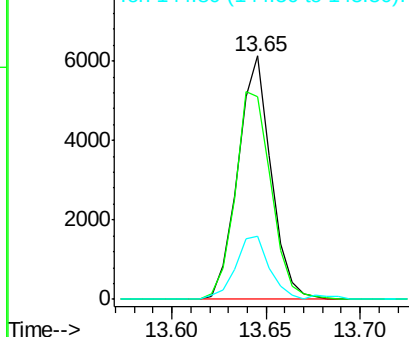
Tot Ion:	180	Resp:	7462
Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.4	142.2
145	26.6	14.5	43.5

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 1.253 ug/l

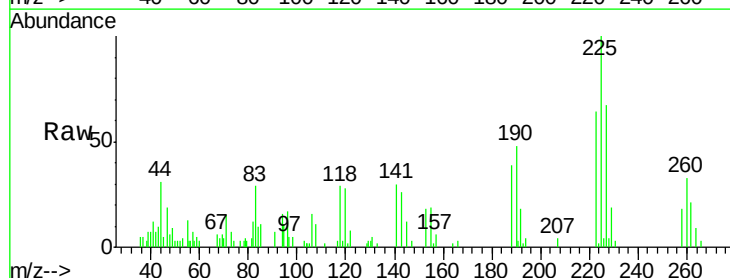
RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

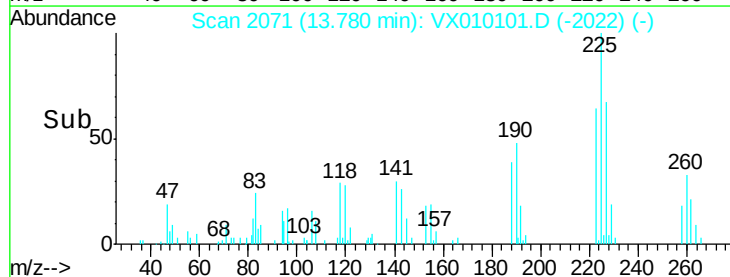
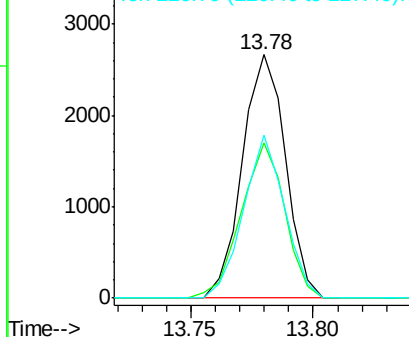
Lab File: VX010101.D

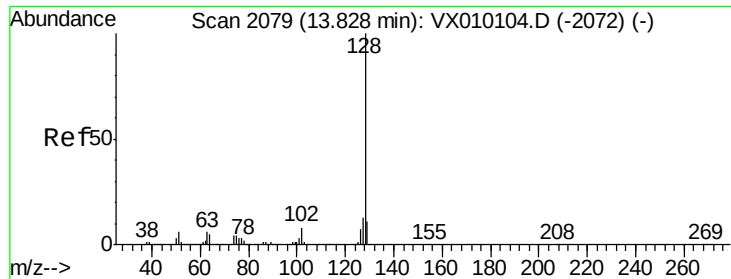
Acq: 07 Jun 2019 11:29

Tgt Ion:	225	Resp:	3265
Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.3	93.8
227	63.8	32.3	96.8



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.138 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

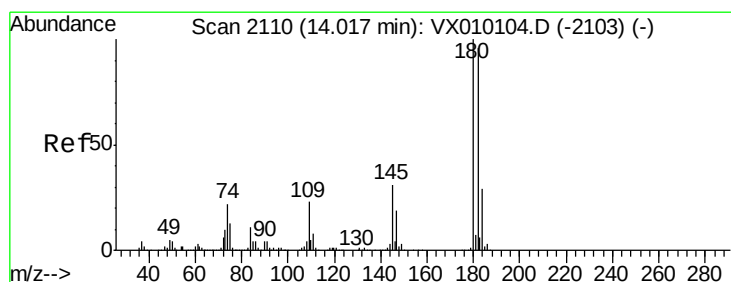
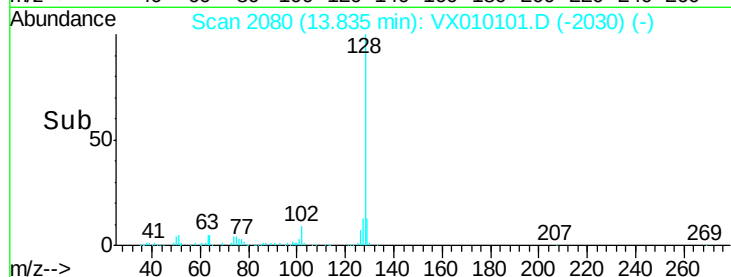
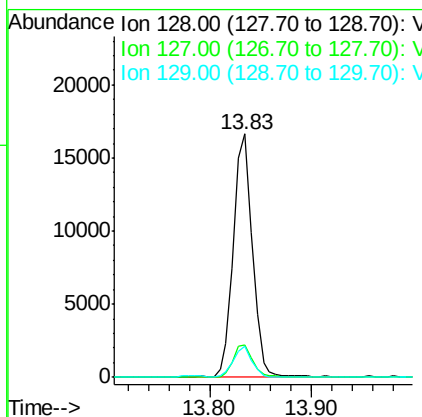
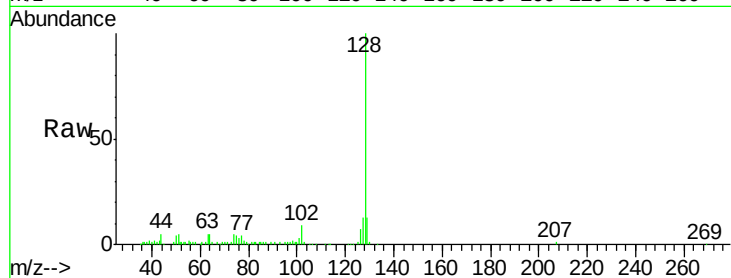
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	21506
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	12.4	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 1.211 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion:	180	Resp:	7029
Ion	Ratio	Lower	Upper
180	100		
182	90.4	47.3	142.0
145	31.2	15.6	46.7

