

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010096.D
 Acq On : 05 Jun 2019 23:52
 Operator : JC/SP
 Sample : VX0605WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 10:12:06 AM

Quant Time: Jun 06 07:38:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	247292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110248	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104660	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	5.50	113	77129	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.71	98	314008	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	114100	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40322	21.387	ug/l	100
3) Chloromethane	1.32	50	47044	18.561	ug/l	99
4) Vinyl Chloride	1.41	62	43566	19.067	ug/l	97
5) Bromomethane	1.64	94	26058	18.823	ug/l	97
6) Chloroethane	1.72	64	26994	19.192	ug/l	94
7) Trichlorofluoromethane	1.93	101	50947	20.178	ug/l	99
8) Diethyl Ether	2.19	74	22124	18.647	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29632	19.439	ug/l	98
10) Methyl Iodide	2.51	142	32041	20.050	ug/l	99
11) Tert butyl alcohol	3.05	59	59709	111.324	ug/l	98
12) 1,1-Dichloroethene	2.37	96	30992	19.835	ug/l	95
13) Acrolein	2.29	56	28307	89.270	ug/l	99
14) Allyl chloride	2.73	41	71962	18.949	ug/l	99
15) Acrylonitrile	3.14	53	124059	95.997	ug/l	99
16) Acetone	2.45	43	110619	87.848	ug/l	99
17) Carbon Disulfide	2.57	76	92050	19.691	ug/l	100
18) Methyl Acetate	2.78	43	56544	19.298	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	117318	19.888	ug/l	99
20) Methylene Chloride	2.85	84	37509	19.452	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	33973	19.541	ug/l	97
22) Diisopropyl ether	3.85	45	142442	19.713	ug/l	98
23) Vinyl Acetate	3.82	43	620333	95.565	ug/l	99
24) 1,1-Dichloroethane	3.70	63	69062	19.722	ug/l	100
25) 2-Butanone	4.67	43	187431	95.539	ug/l	100
26) 2,2-Dichloropropane	4.59	77	41360	15.614	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	38810	19.339	ug/l	96
28) Bromochloromethane	5.02	49	32003	17.612	ug/l	99
29) Tetrahydrofuran	5.13	42	122690	97.524	ug/l	97
30) Chloroform	5.21	83	62767	19.875	ug/l	98
31) Cyclohexane	5.58	56	67512	20.356	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	52612	20.456	ug/l	100
36) 1,1-Dichloropropene	5.80	75	47293	18.849	ug/l	97
37) Ethyl Acetate	4.84	43	70276	20.101	ug/l	98
38) Carbon Tetrachloride	5.79	117	44116	20.347	ug/l	93

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 Client Sampled :
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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59117	19.863	ug/l	98
40) Benzene	6.15	78	149887	20.138	ug/l	99
41) Methacrylonitrile	5.04	41	38333	18.764	ug/l	97
42) 1,2-Dichloroethane	6.20	62	54584	19.837	ug/l	99
43) Isopropyl Acetate	6.45	43	108964	19.316	ug/l	99
44) Trichloroethene	7.21	130	35823	19.814	ug/l	97
45) 1,2-Dichloropropane	7.51	63	42034	19.618	ug/l	98
46) Dibromomethane	7.66	93	24006	19.034	ug/l	96
47) Bromodichloromethane	7.90	83	48128	20.068	ug/l	100
48) Methyl methacrylate	7.77	41	54851	19.642	ug/l	98
49) 1,4-Dioxane	7.74	88	21657	416.934	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	365239	99.532	ug/l	99
52) Toluene	8.79	92	92320	20.429	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53507	18.603	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	58903	18.796	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36575	20.108	ug/l	98
56) Ethyl methacrylate	9.18	69	65550	20.243	ug/l	100
57) 1,3-Dichloropropane	9.37	76	64864	19.857	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	150158	88.431	ug/l	99
59) 2-Hexanone	9.49	43	282798	100.098	ug/l	99
60) Dibromochloromethane	9.58	129	36307	20.292	ug/l	99
61) 1,2-Dibromoethane	9.67	107	37698	20.174	ug/l	100
64) Tetrachloroethene	9.34	164	35414	22.579	ug/l	95
65) Chlorobenzene	10.14	112	93730	19.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33766	20.709	ug/l	99
67) Ethyl Benzene	10.25	91	172930	20.488	ug/l	100
68) m/p-Xylenes	10.36	106	128285	41.140	ug/l	98
69) o-Xylene	10.70	106	62241	20.812	ug/l	99
70) Styrene	10.71	104	107990	20.593	ug/l	100
71) Bromoform	10.85	173	27320	20.498	ug/l #	99
73) Isopropylbenzene	11.02	105	166741	20.498	ug/l	99
74) N-amyl acetate	10.90	43	96200	19.791	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	61314	20.204	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	53214m	20.185	ug/l	
77) Bromobenzene	11.26	156	42164	20.340	ug/l	94
78) n-propylbenzene	11.36	91	188328	20.086	ug/l	100
79) 2-Chlorotoluene	11.42	91	113744	19.856	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	139928	20.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18473	17.336	ug/l	94
82) 4-Chlorotoluene	11.51	91	132062	19.803	ug/l	99
83) tert-Butylbenzene	11.77	119	133125	20.305	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	142185	20.431	ug/l	99
85) sec-Butylbenzene	11.94	105	158674	20.344	ug/l	99
86) p-Isopropyltoluene	12.06	119	144187	20.552	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73478	19.909	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74099	19.687	ug/l	100
89) n-Butylbenzene	12.39	91	127461	19.332	ug/l	100
90) Hexachloroethane	12.60	117	24094	20.012	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	74425	20.454	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13849	19.388	ug/l	94

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ClientSampleId :
VX0605WBSD02

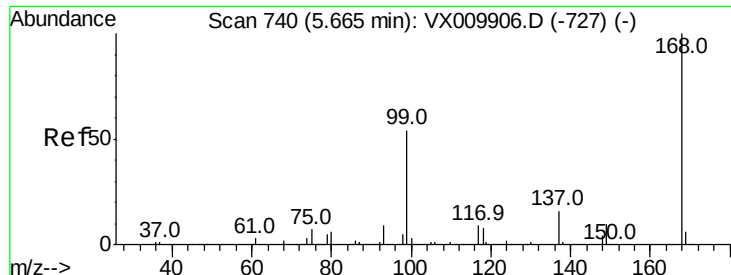
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52312	20.118	ug/l	99
94) Hexachlorobutadiene	13.78	225	25037	19.197	ug/l	99
95) Naphthalene	13.83	128	165946	20.508	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52145	20.034	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion:168 Resp: 154285

Ion Ratio Lower Upper

168 100

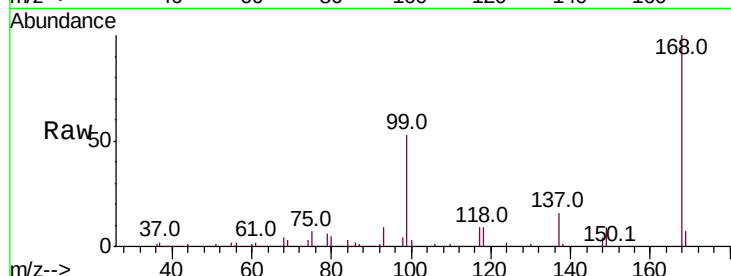
99 52.5 43.0 64.6

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

60000

50000

40000

30000

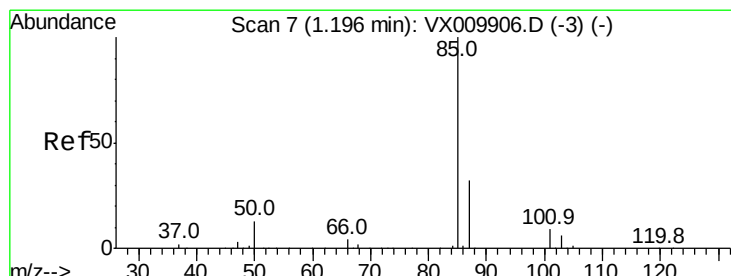
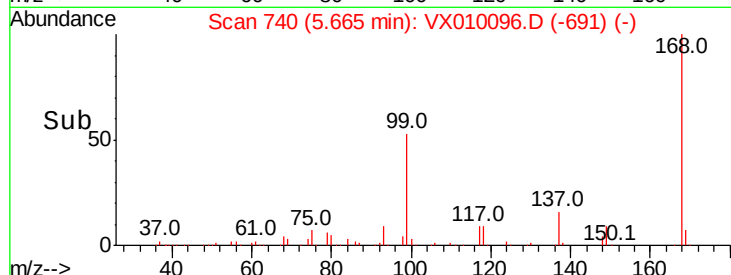
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.387 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010096.D

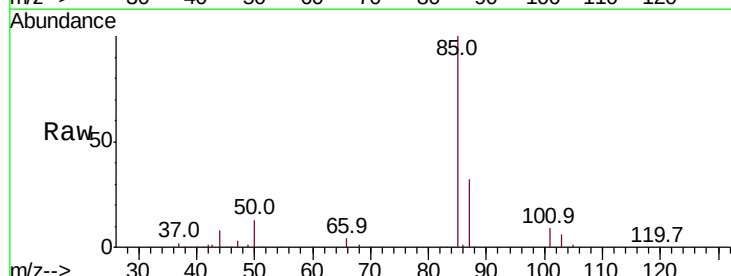
Acq: 05 Jun 2019 23:52

Tgt Ion: 85 Resp: 40322

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

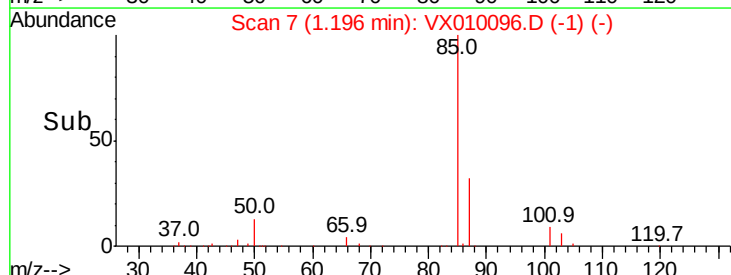
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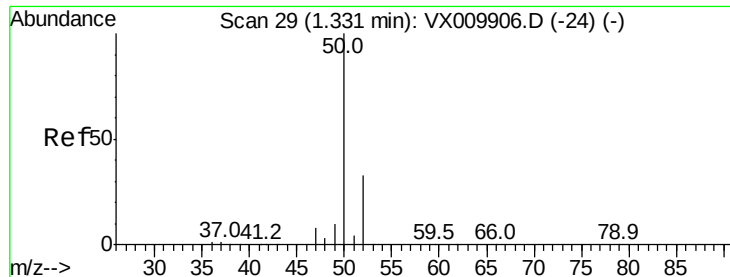
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.561 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion: 50 Resp: 47044

Ion Ratio Lower Upper

50 100

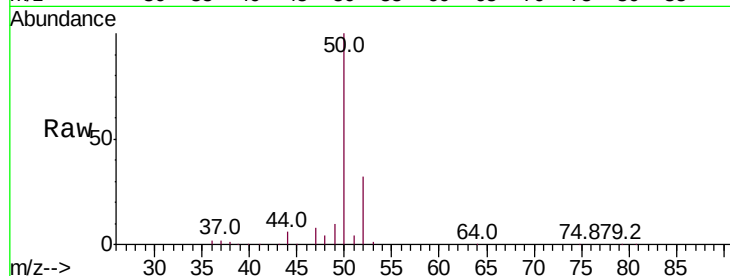
52 32.0 26.0 39.0

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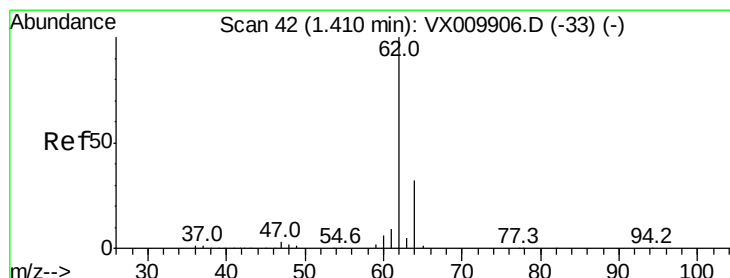
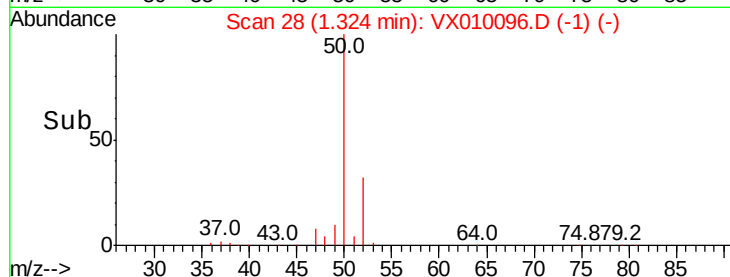
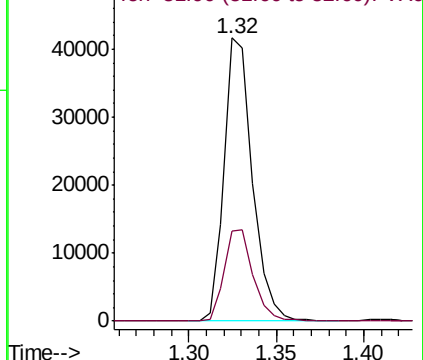
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.067 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010096.D

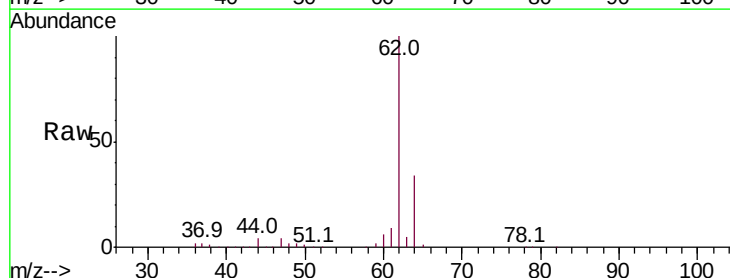
Acq: 05 Jun 2019 23:52

Tgt Ion: 62 Resp: 43566

Ion Ratio Lower Upper

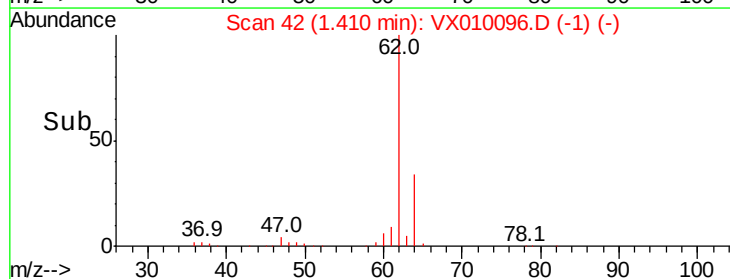
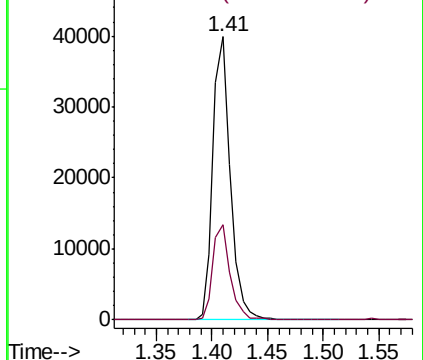
62 100

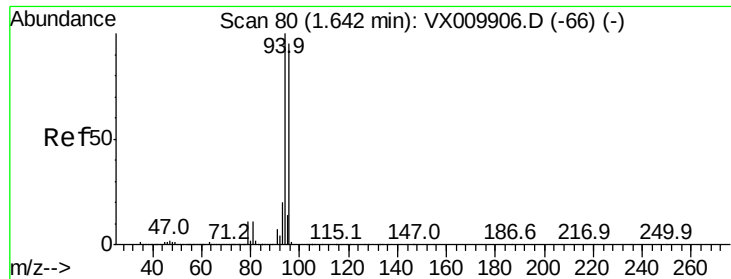
64 33.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.823 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion: 94 Resp: 26058

Ion Ratio Lower Upper

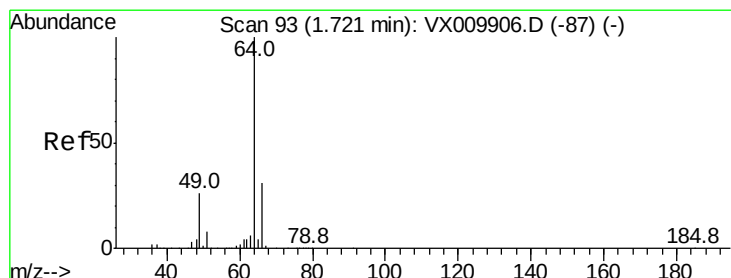
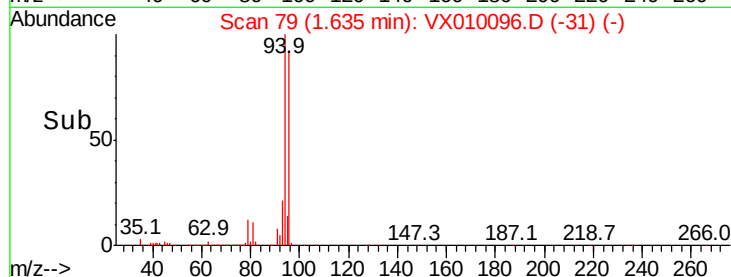
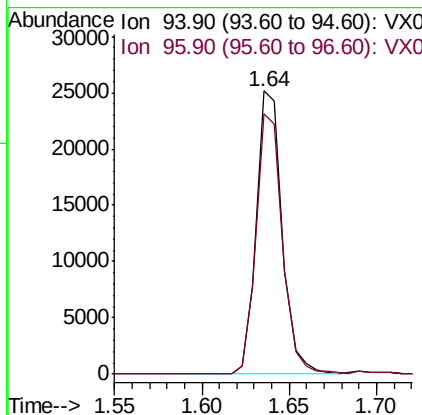
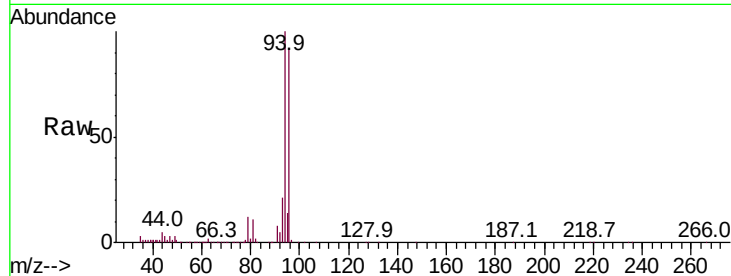
94 100

96 92.1 76.2 114.4

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#6

Chloroethane

Concen: 19.192 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010096.D

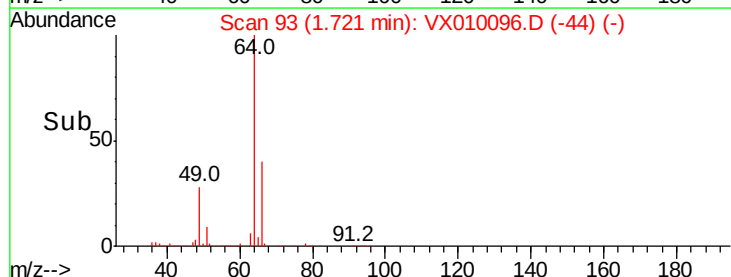
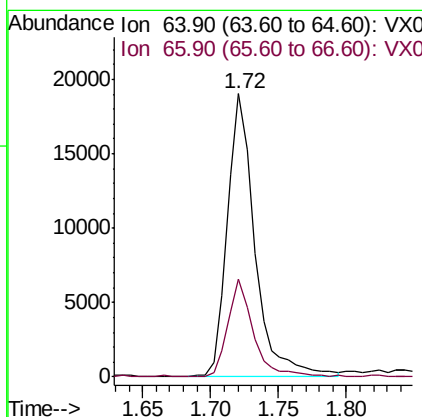
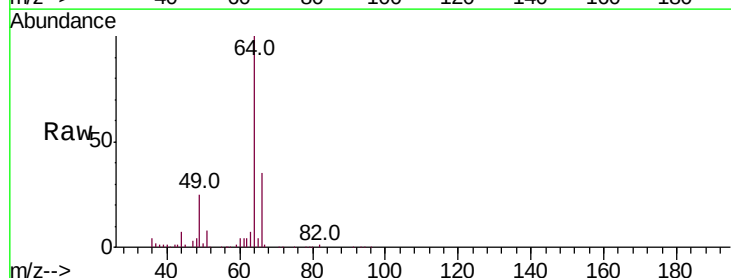
Acq: 05 Jun 2019 23:52

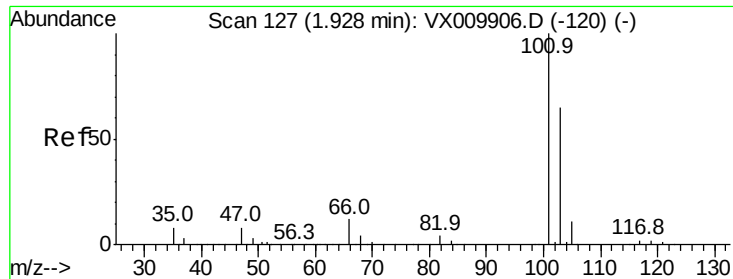
Tgt Ion: 64 Resp: 26994

Ion Ratio Lower Upper

64 100

66 34.6 25.1 37.7





#7

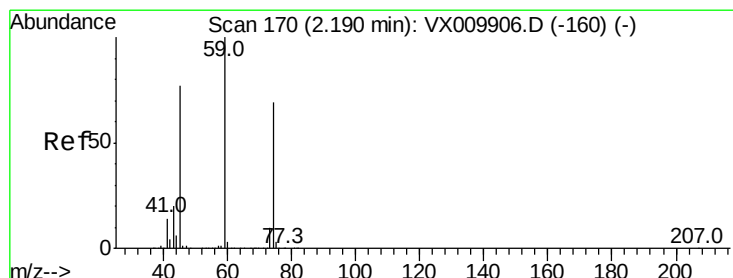
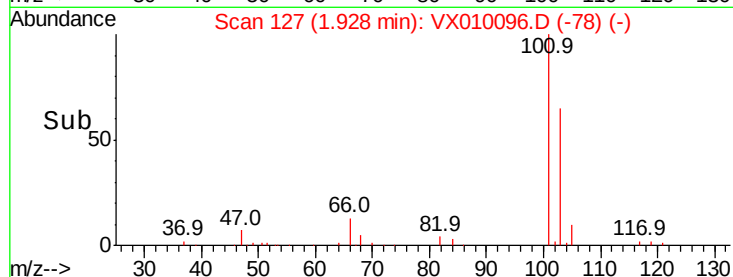
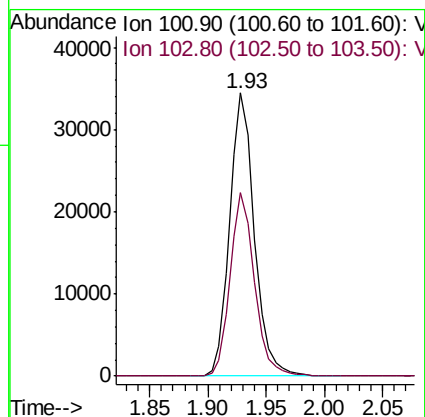
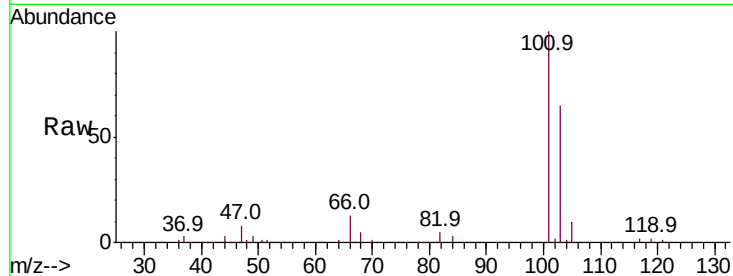
Trichlorofluoromethane
Concen: 20.178 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion:101 Resp: 50947
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

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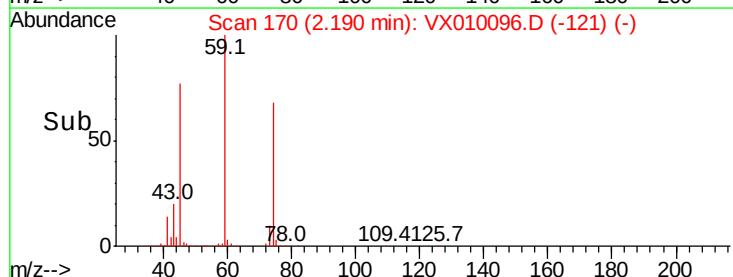
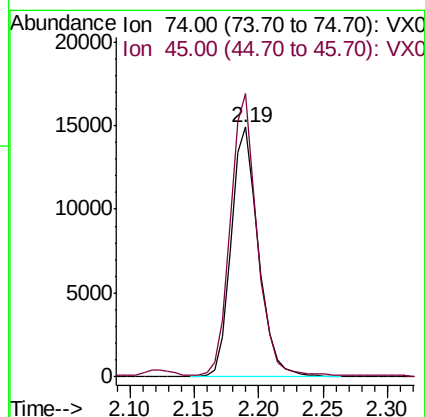
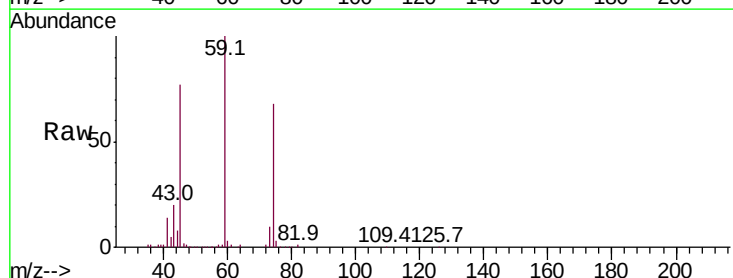
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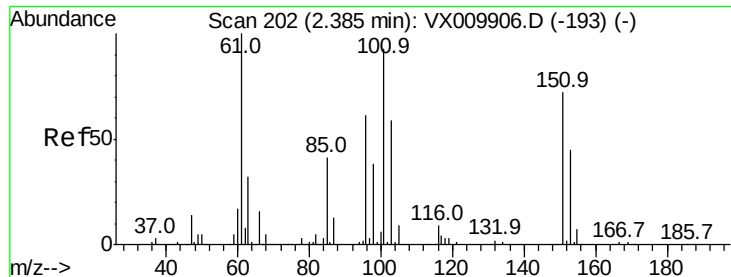


#8

Diethyl Ether
Concen: 18.647 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion: 74 Resp: 22124
Ion Ratio Lower Upper
74 100
45 110.8 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.439 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

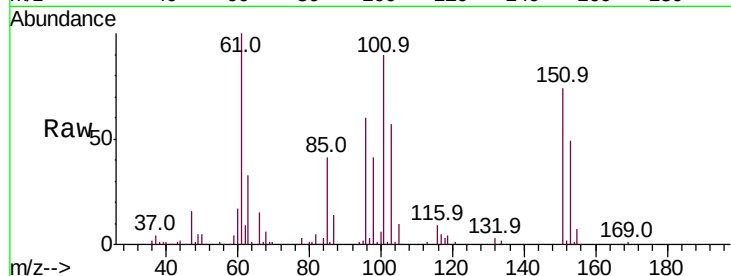
ClientSampleId :

VX0605WBSD02

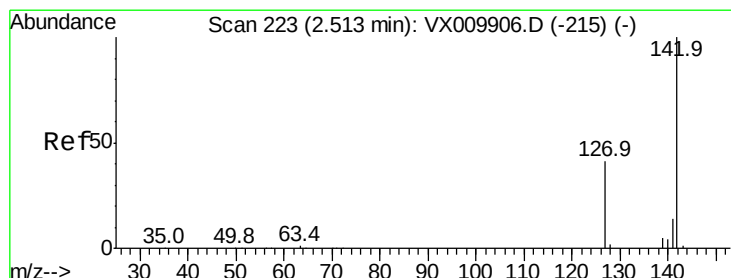
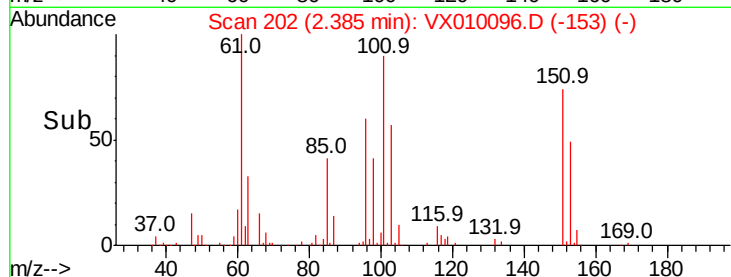
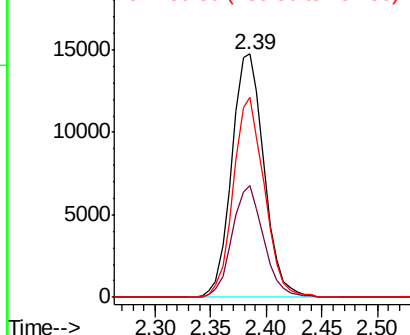
Tot Ion:	101	Resp:	29632
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.2	52.8
151	79.1	61.9	92.9

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
20000
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.050 ug/l

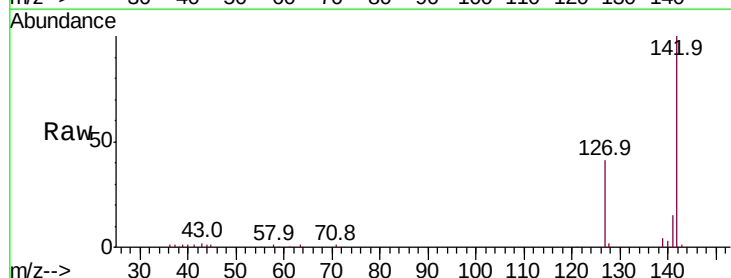
RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

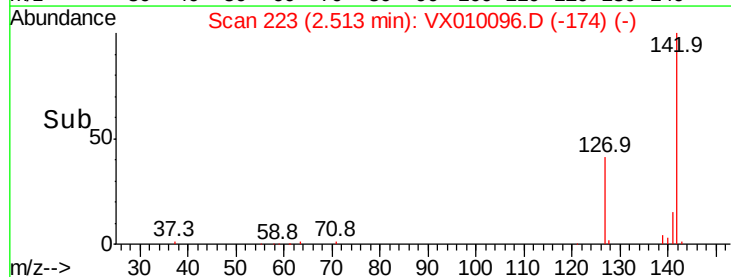
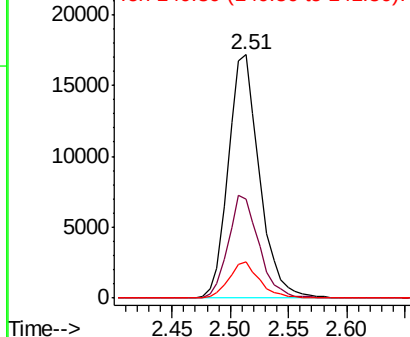
Lab File: VX010096.D

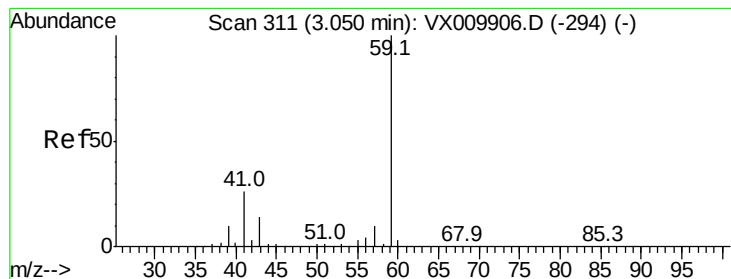
Acq: 05 Jun 2019 23:52

Tgt Ion:	142	Resp:	32041
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.0	49.4
141	14.5	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
20000
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

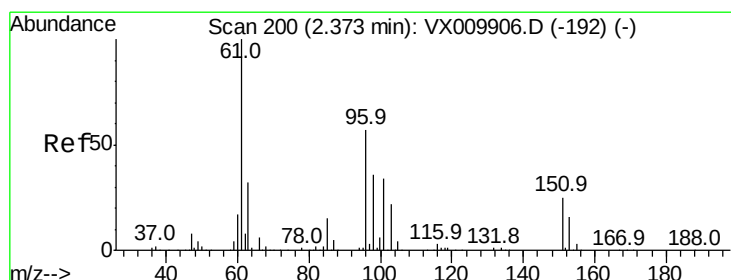
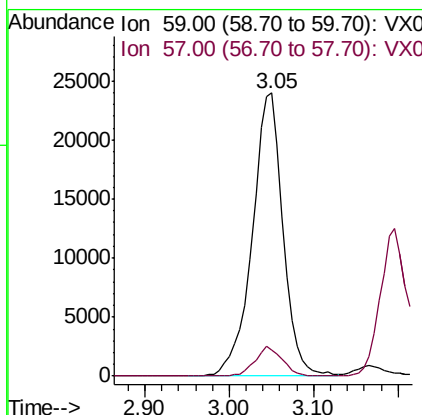
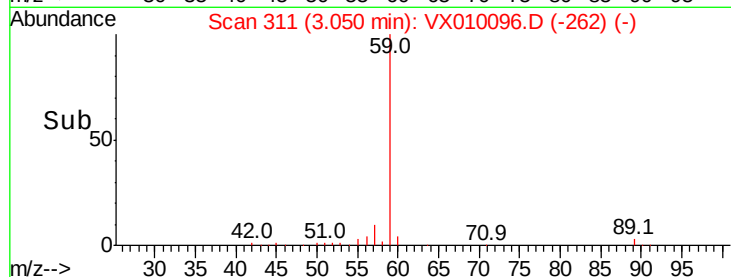
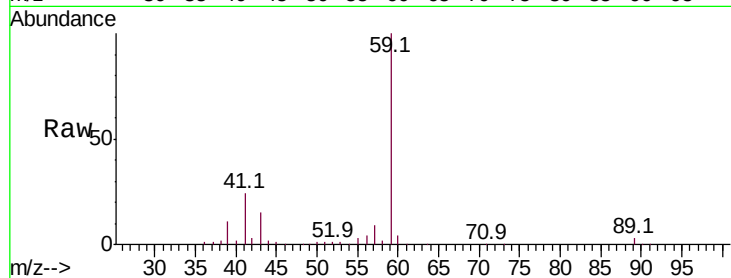
Tert butyl alcohol
Concen: 111.324 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.2	12.2

Manual Integrations
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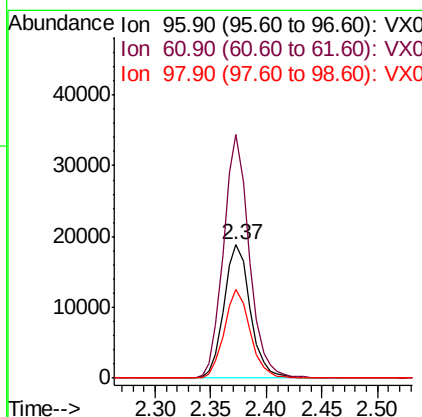
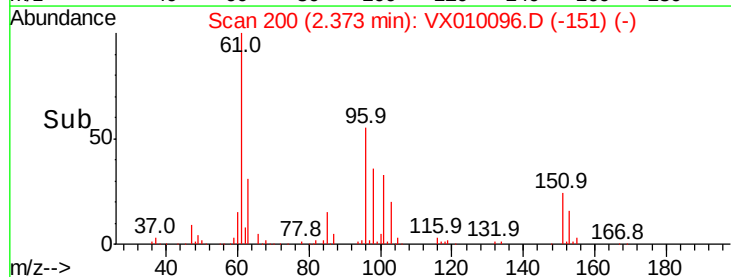
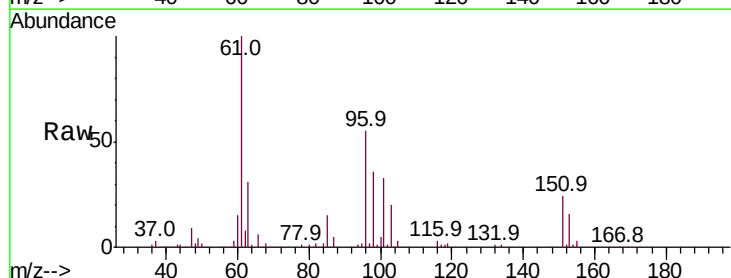
MMDadoda
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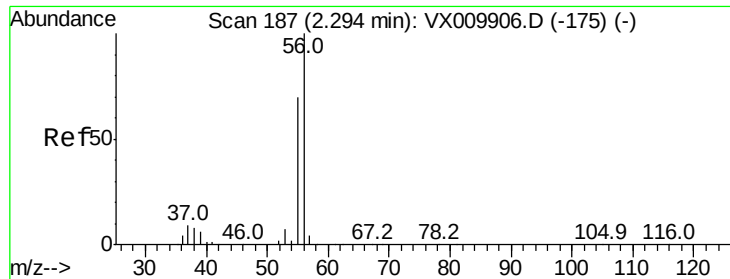


#12

1,1-Dichloroethene
Concen: 19.835 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.0	140.7	211.1
98	66.5	50.1	75.1





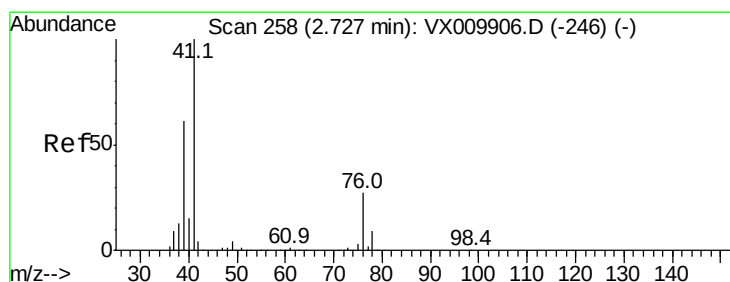
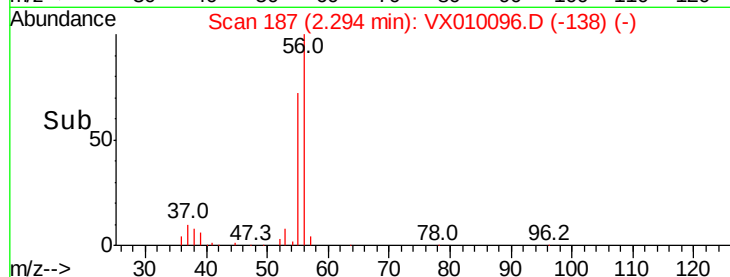
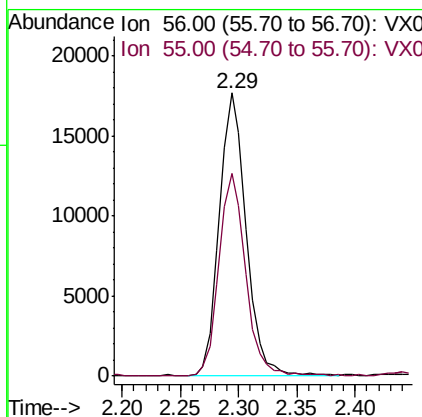
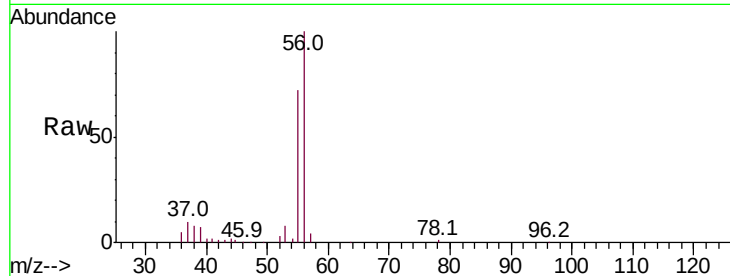
#13
Acrolein
Concen: 89.270 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	56	Ratio	55	Resp	28307	Lower	Upper
56	100						
55	71.8			57.0		85.4	

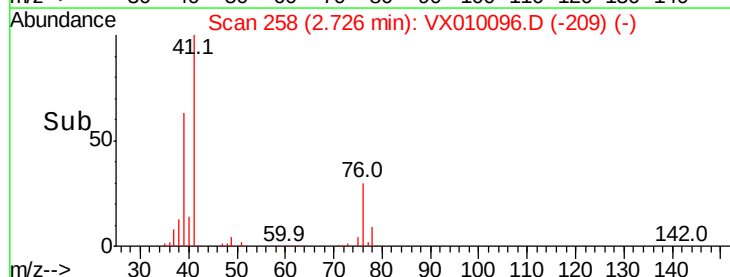
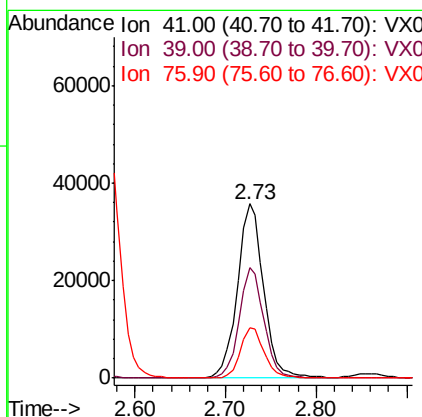
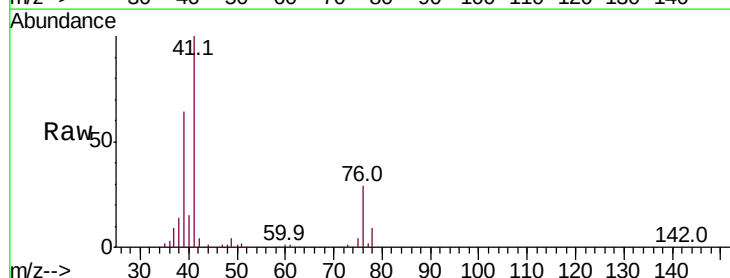
Manual Integrations
APPROVED

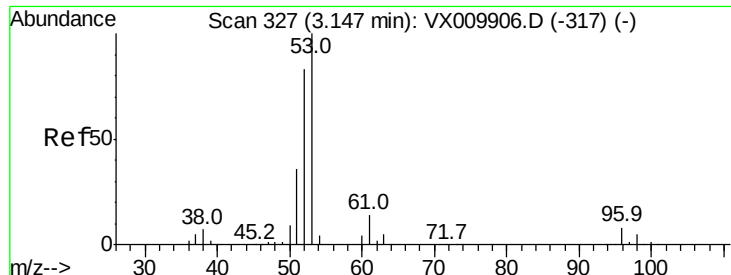
MMDadoda
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#14
Allyl chloride
Concen: 18.949 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	41	Ratio	39	76	Resp	71962	Lower	Upper
41	100							
39	59.4				46.7		70.1	
76	26.2				21.0		31.4	





#15

Acrylonitrile

Concen: 95.997 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

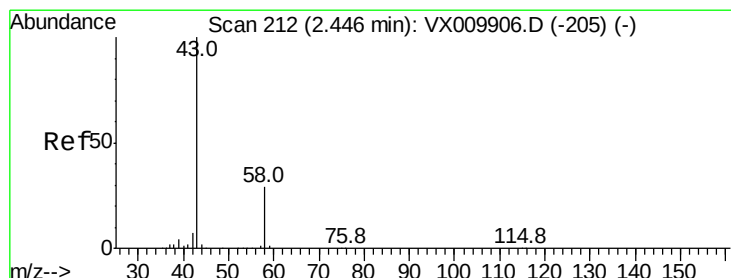
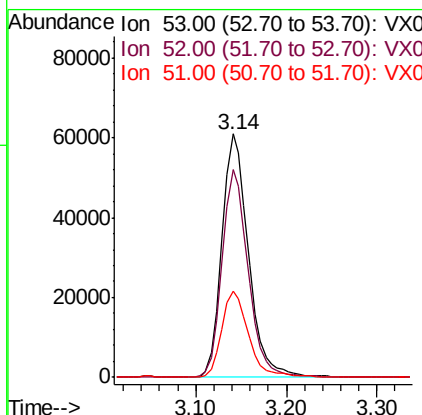
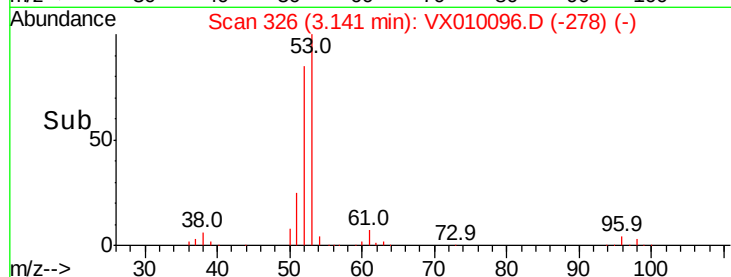
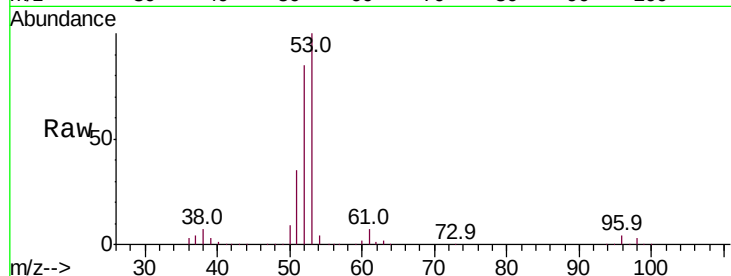
ClientSampleId :

VX0605WBSD02

Tot Ion:	53	Resp:	124059
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.7	100.1
51	36.4	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 87.848 ug/l

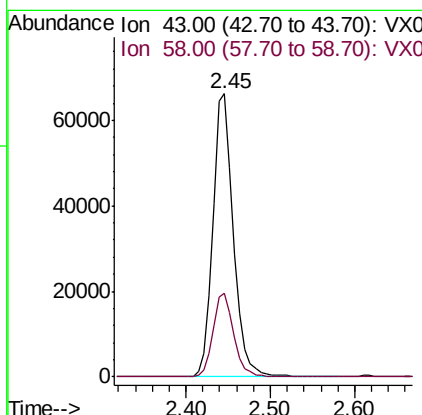
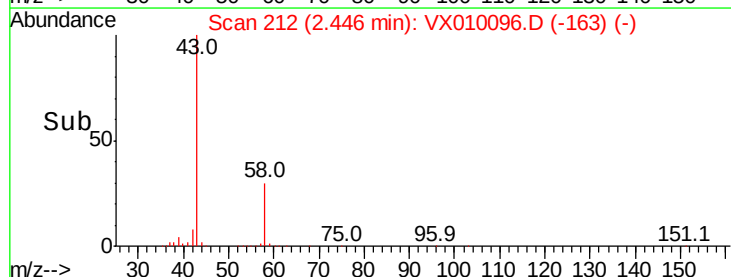
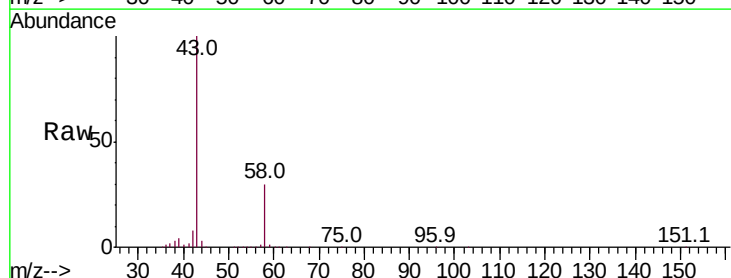
RT: 2.45 min Scan# 212

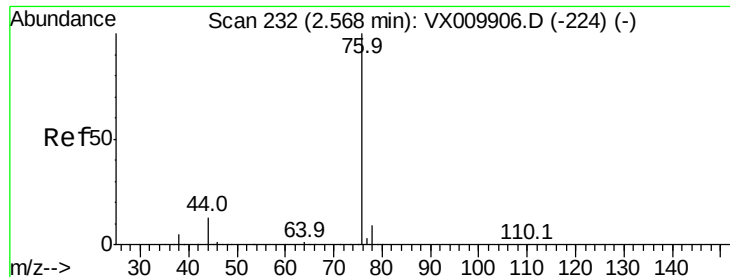
Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Tgt Ion:	43	Resp:	110619
Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.2	34.8





#17

Carbon Disulfide

Concen: 19.691 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion: 76 Resp: 92050

Ion Ratio Lower Upper

76 100

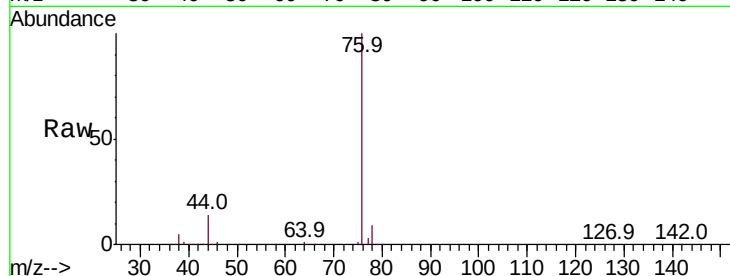
78 8.9 7.0 10.6

Manual Integrations

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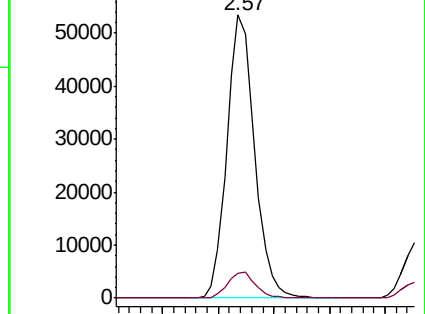
MMDadoda

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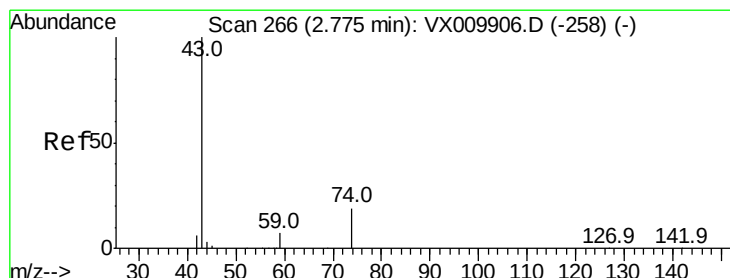
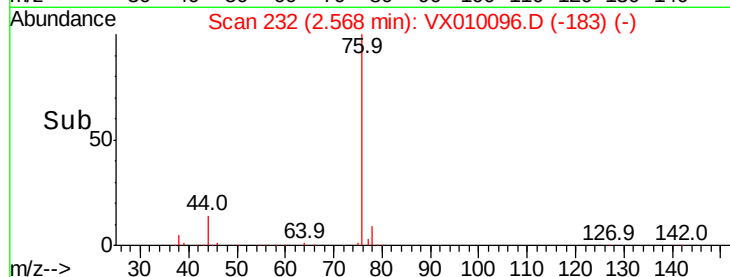


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 19.298 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010096.D

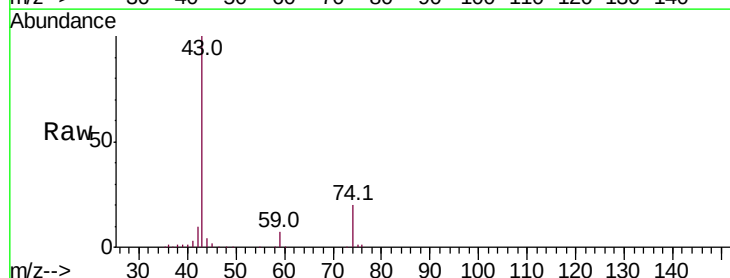
Acq: 05 Jun 2019 23:52

Tgt Ion: 43 Resp: 56544

Ion Ratio Lower Upper

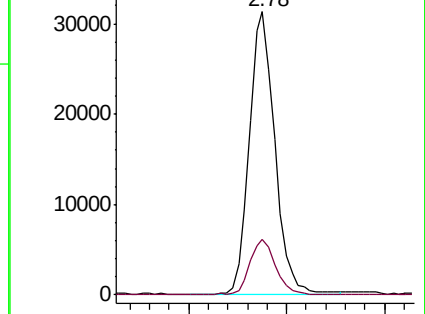
43 100

74 20.2 15.8 23.6

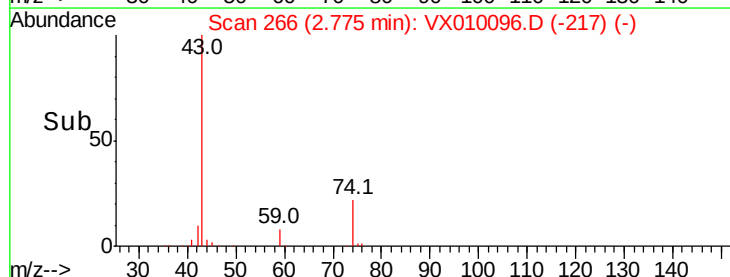


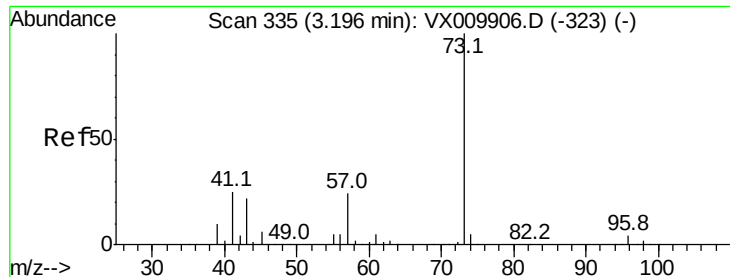
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





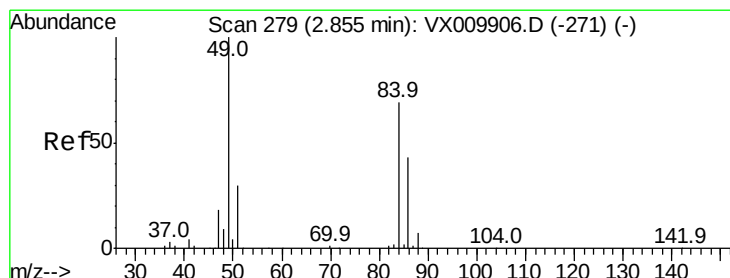
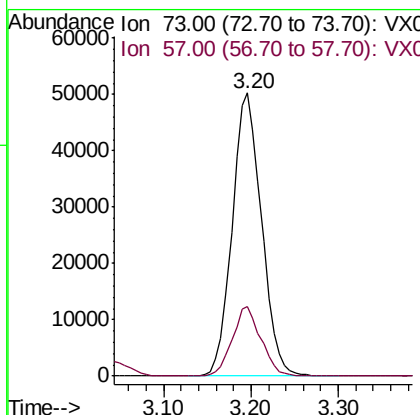
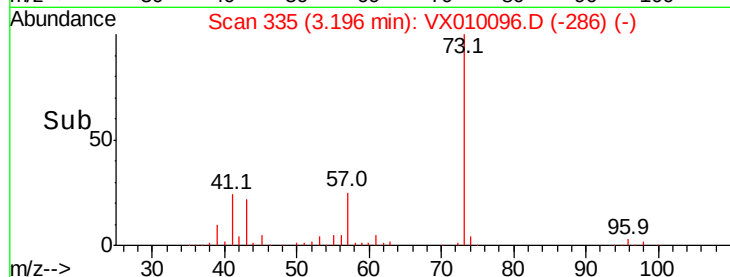
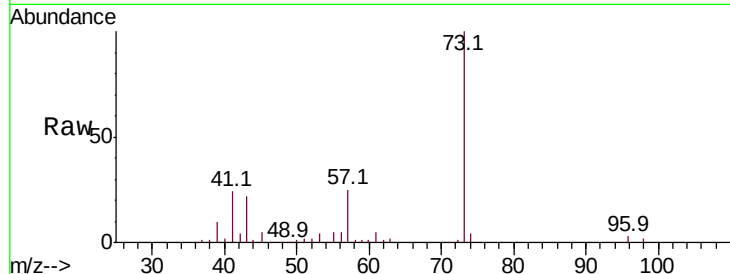
#19
Methyl tert-butyl Ether
Concen: 19.888 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion: 73 Resp: 117318
Ion Ratio Lower Upper
73 100
57 24.8 19.4 29.2

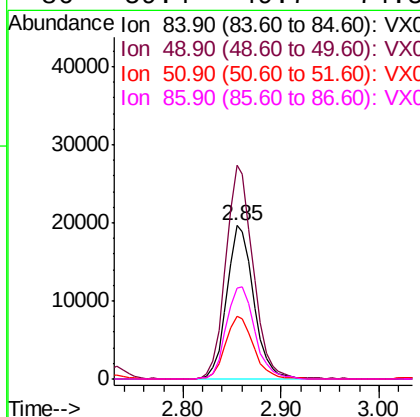
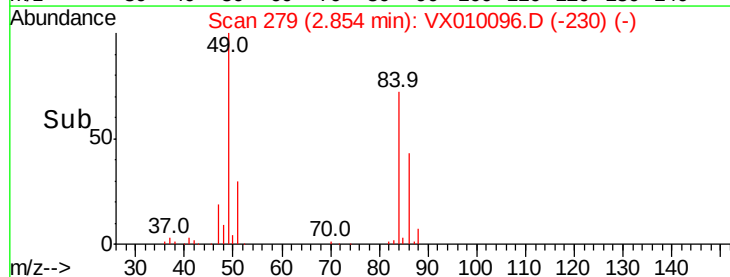
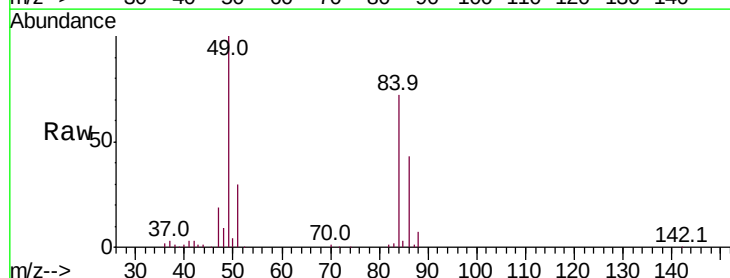
Manual Integrations
APPROVED

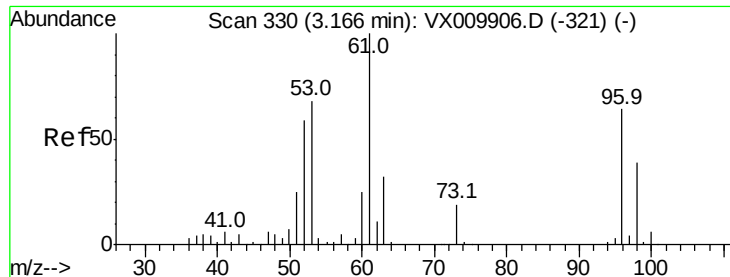
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#20
Methylene Chloride
Concen: 19.452 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion: 84 Resp: 37509
Ion Ratio Lower Upper
84 100
49 139.1 115.8 173.6
51 41.2 34.4 51.6
86 59.4 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 19.541 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampled :

VX0605WBSD02

Tot Ion: 96 Resp: 33973

Ion Ratio Lower Upper

96 100

61 156.0 125.7 188.5

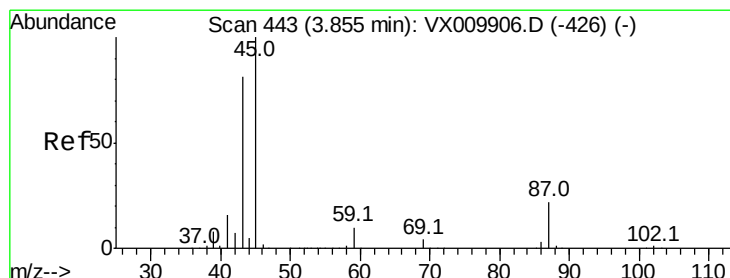
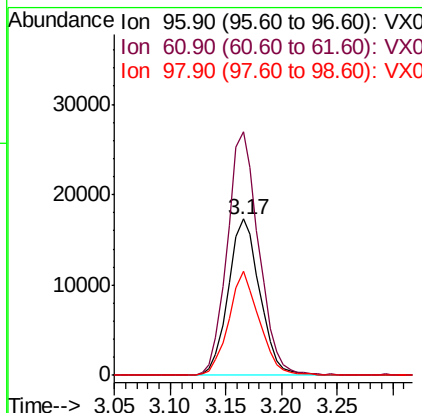
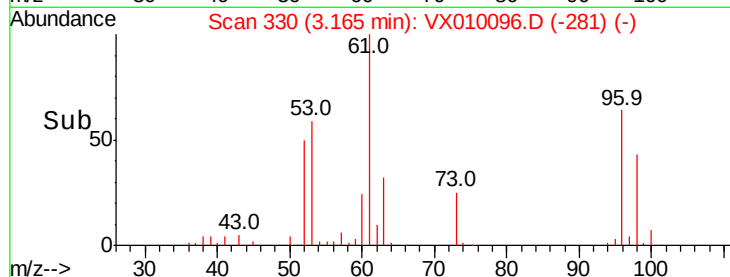
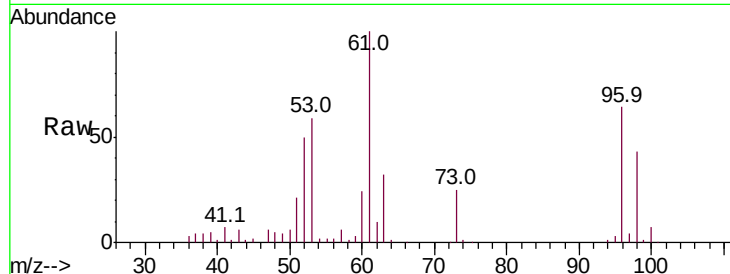
98 66.8 49.0 73.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.713 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Tgt Ion: 45 Resp: 142442

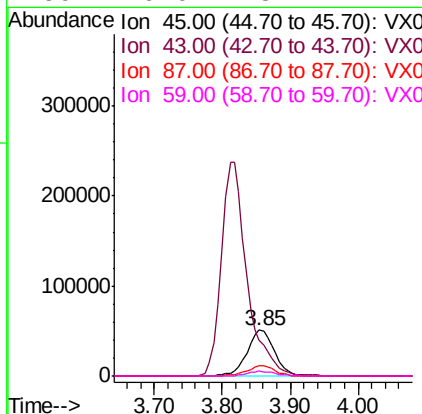
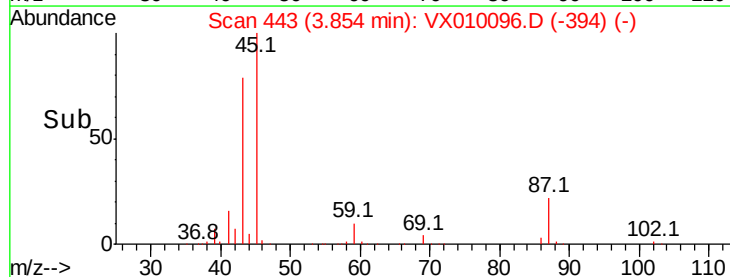
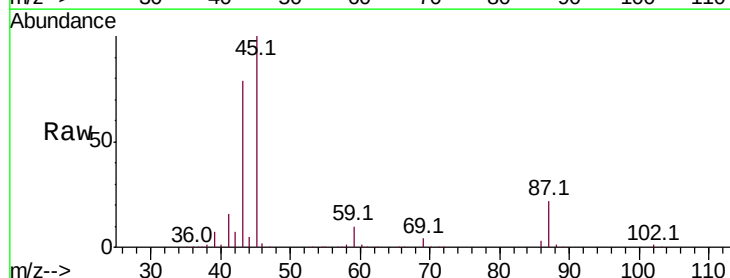
Ion Ratio Lower Upper

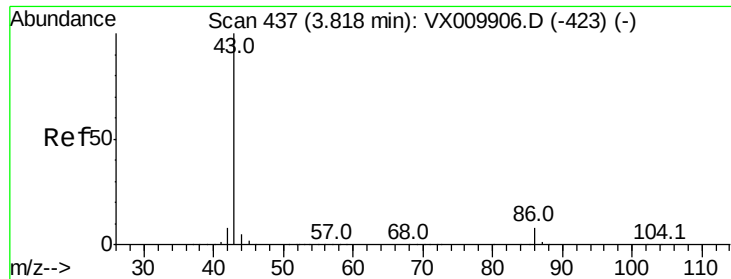
45 100

43 79.4 65.0 97.4

87 22.4 17.3 25.9

59 10.0 8.1 12.1





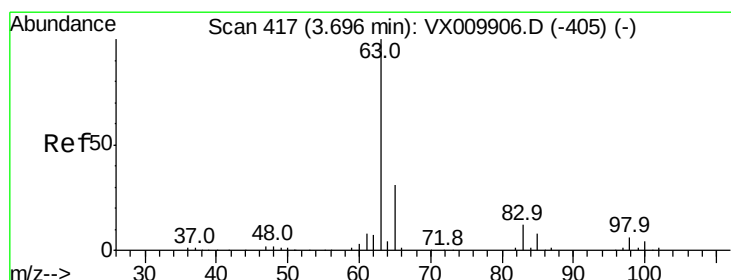
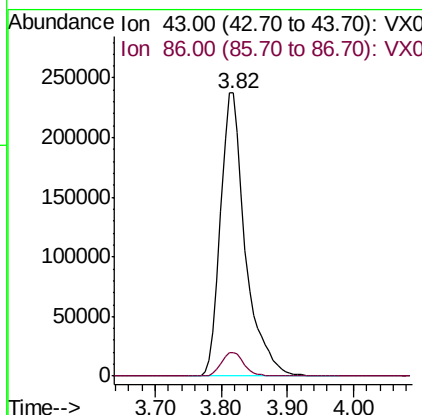
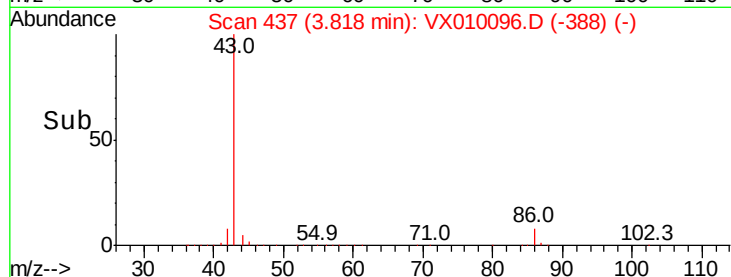
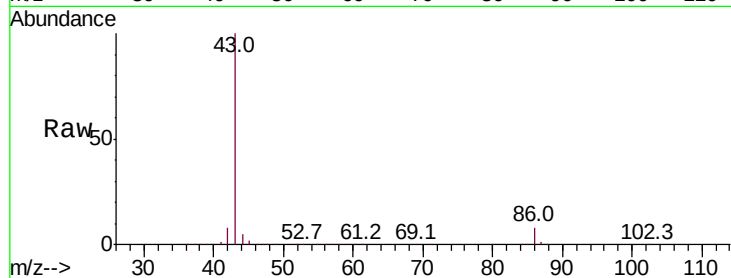
#23
Vinyl Acetate
Concen: 95.565 ug/l
RT: 3.82 min Scan# 437
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleID :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.5	9.7

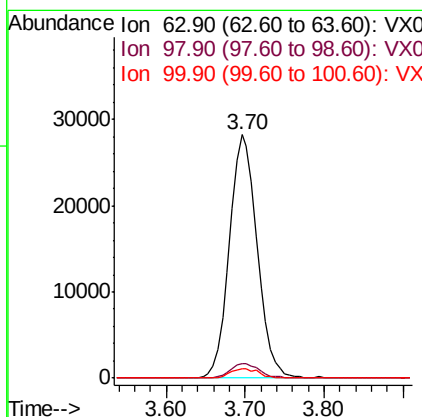
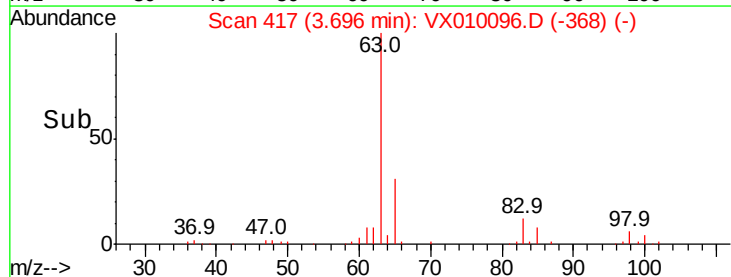
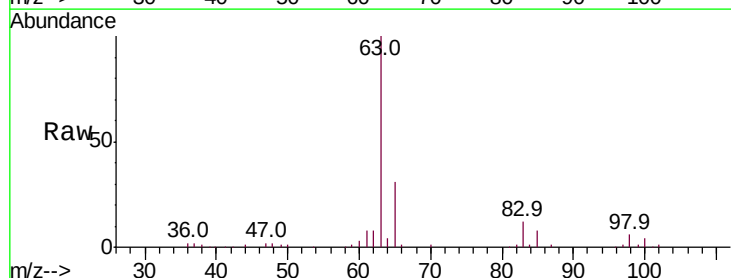
Manual Integrations
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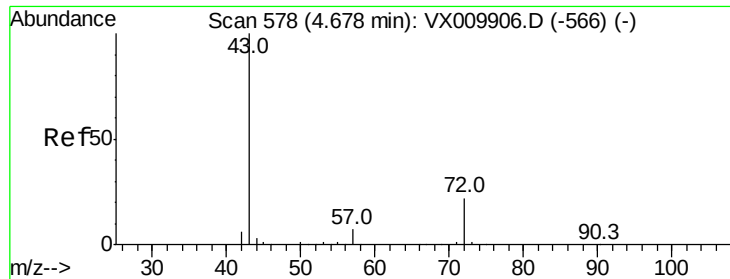
MMDadoda
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#24
1,1-Dichloroethane
Concen: 19.722 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.9	8.8
100	3.7	1.8	5.4





#25

2-Butanone

Concen: 95.539 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampled :

VX0605WBSD02

Tot Ion: 43 Resp: 187431

Ion Ratio Lower Upper

43 100

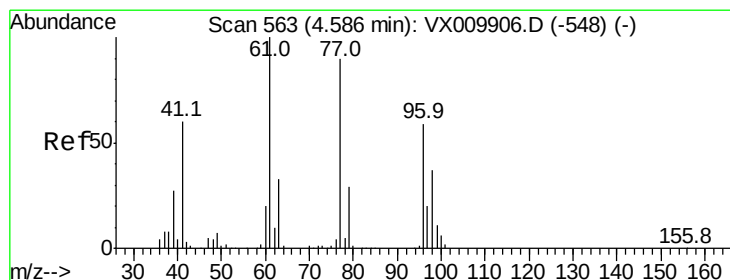
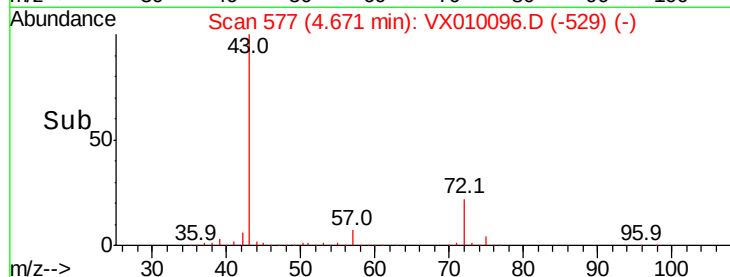
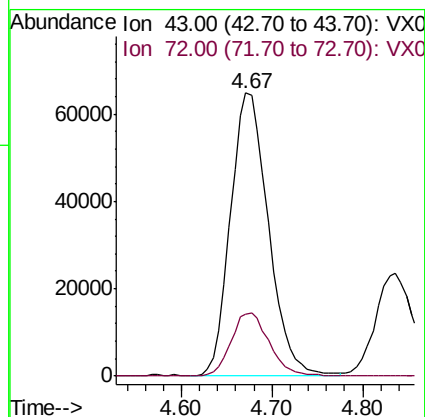
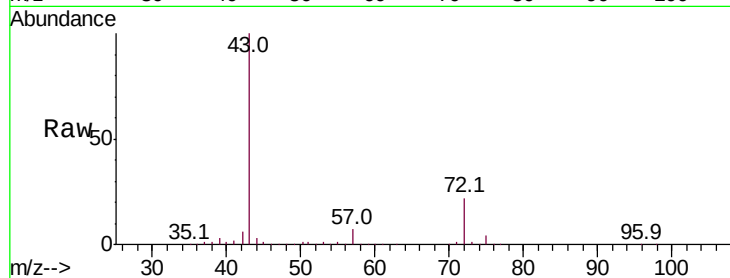
72 21.7 17.5 26.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.614 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX010096.D

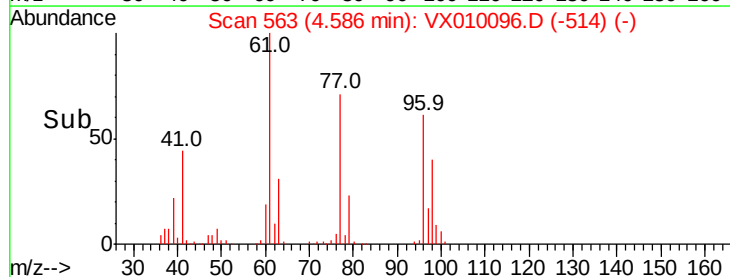
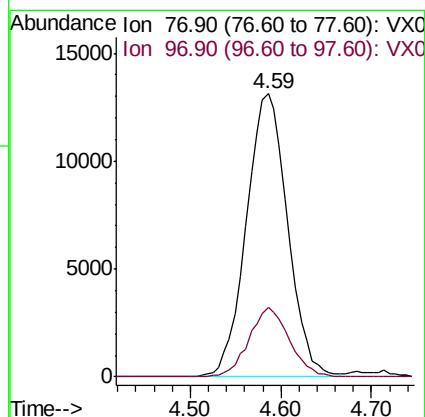
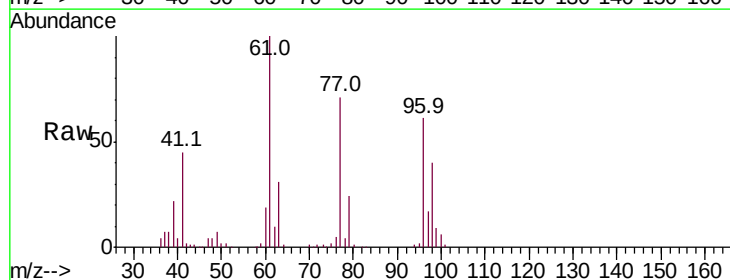
Acq: 05 Jun 2019 23:52

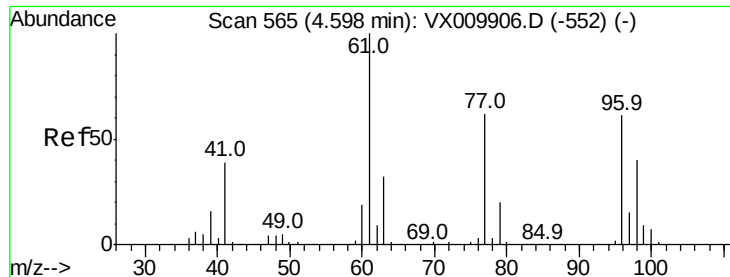
Tgt Ion: 77 Resp: 41360

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.2





#27

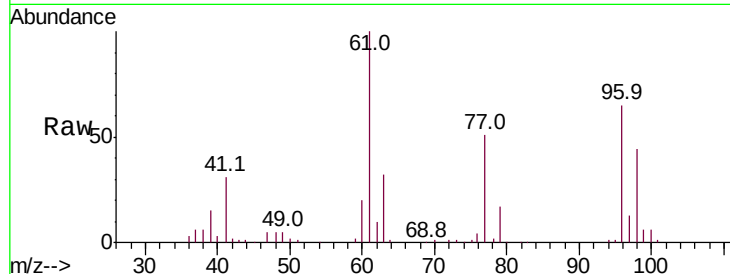
cis-1,2-Dichloroethene
Concen: 19.339 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD02

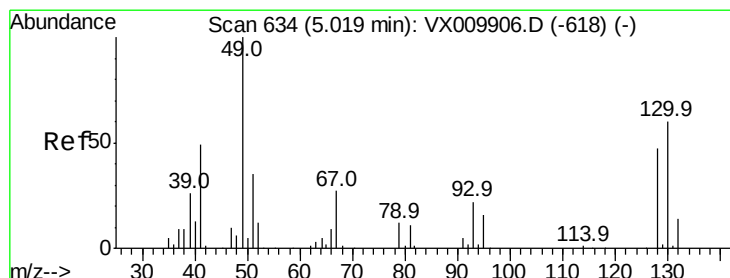
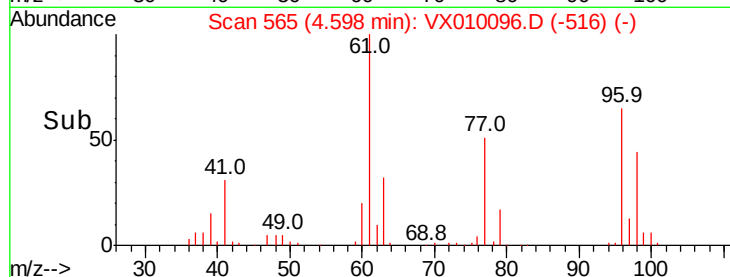
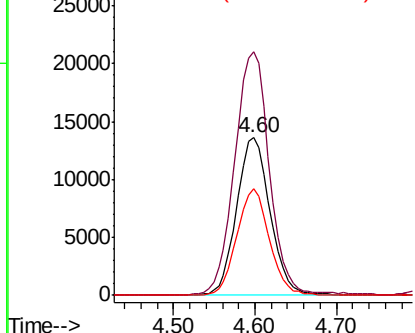
Tot Ion	Ratio	Resp	Lower	Upper
96	100	38810		
61	159.2	0.0	334.0	
98	65.5	0.0	131.6	

Manual Integrations
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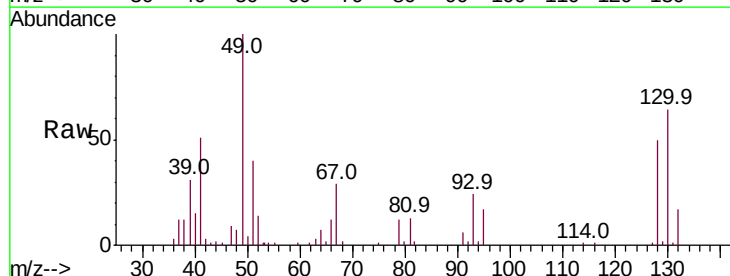
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



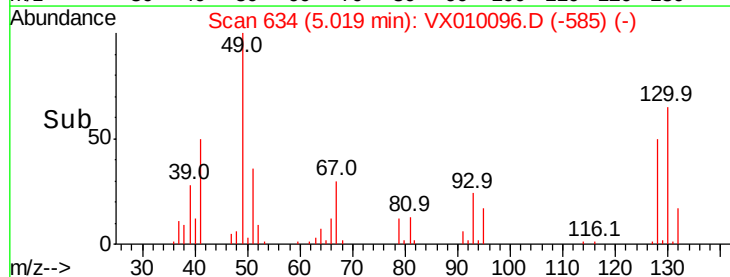
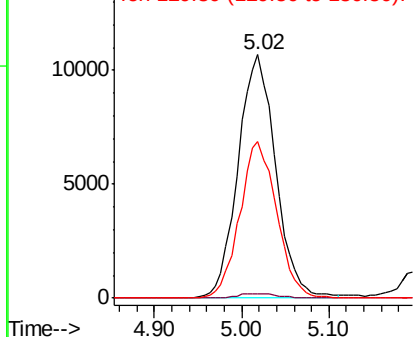
#28

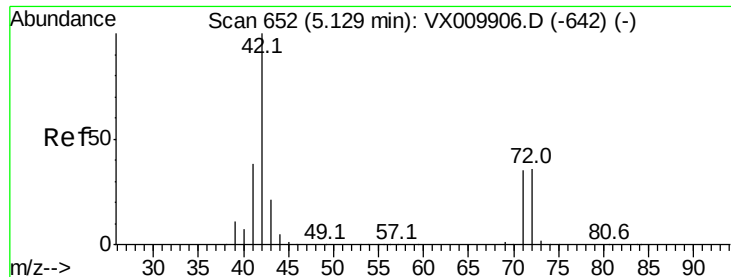
Bromochloromethane
Concen: 17.612 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	32003		
129	1.9	0.0	3.4	
130	63.0	49.4	74.2	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





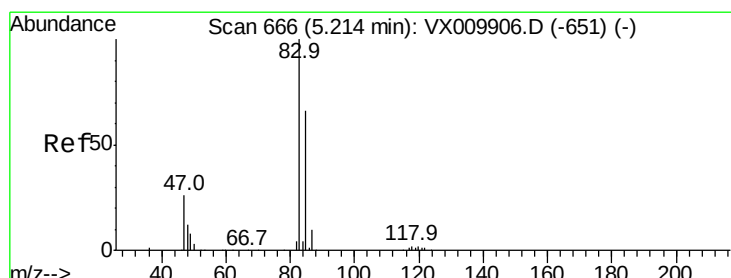
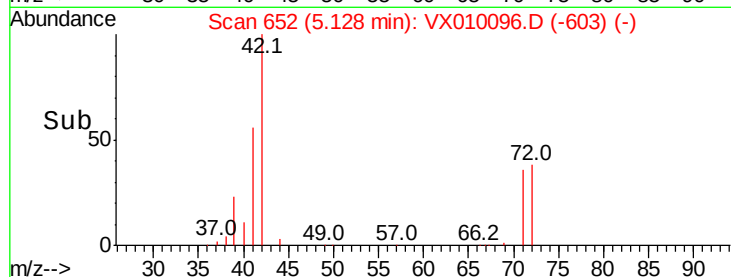
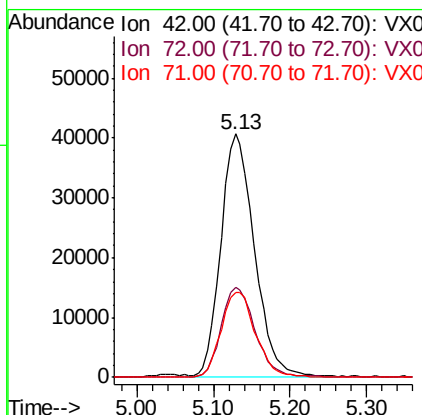
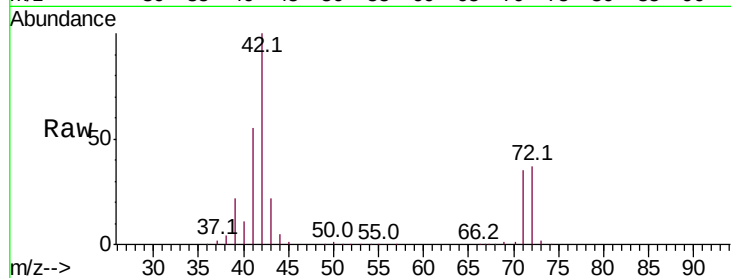
#29
Tetrahydrofuran
Concen: 97.524 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.2	29.2	43.8
71	36.1	27.6	41.4

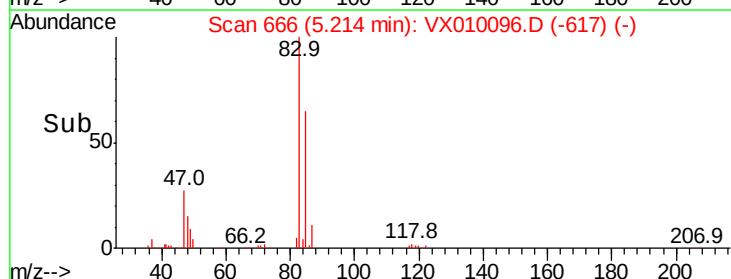
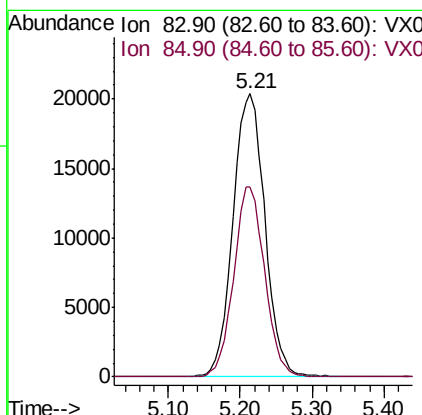
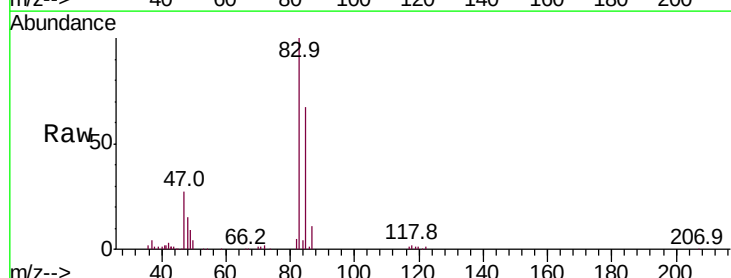
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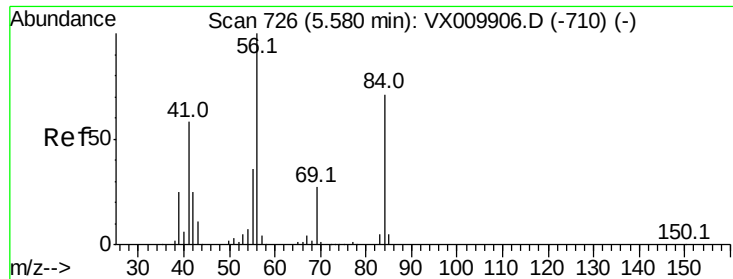
MMDadoda
6/6/2019 10:12:06 AM



#30
Chloroform
Concen: 19.875 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	52.6	78.8





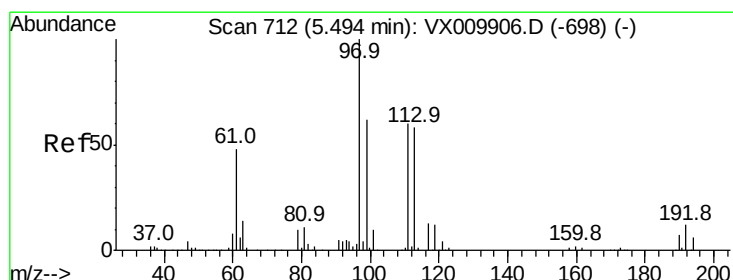
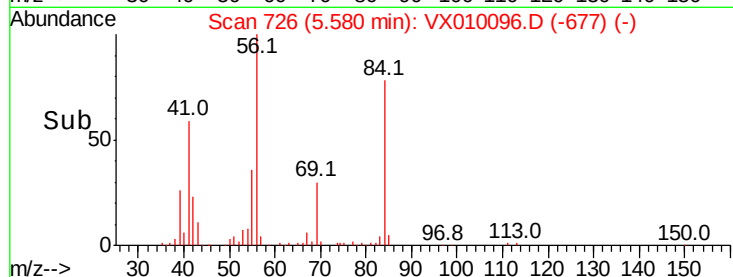
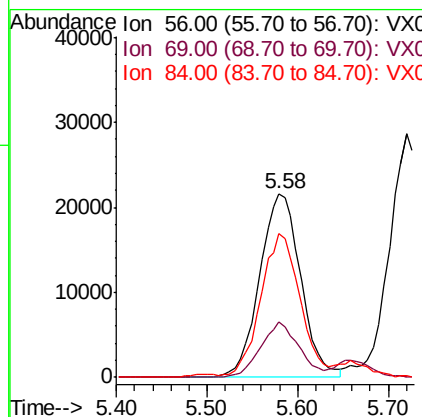
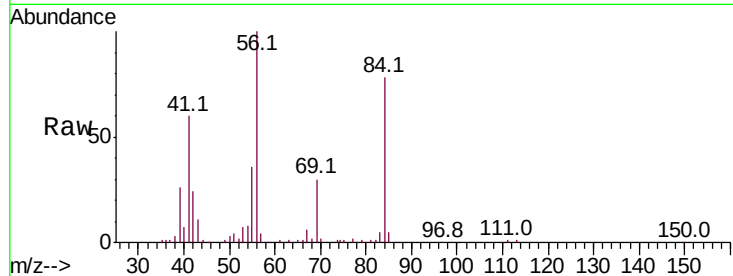
#31
Cyclohexane
Concen: 20.356 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	21.6	32.4
84	76.6	56.8	85.2

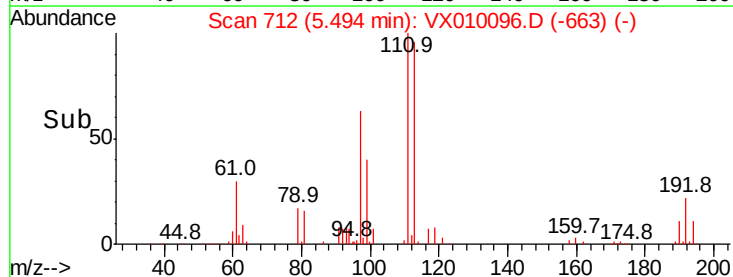
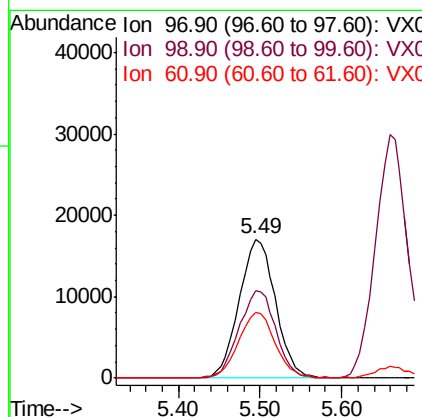
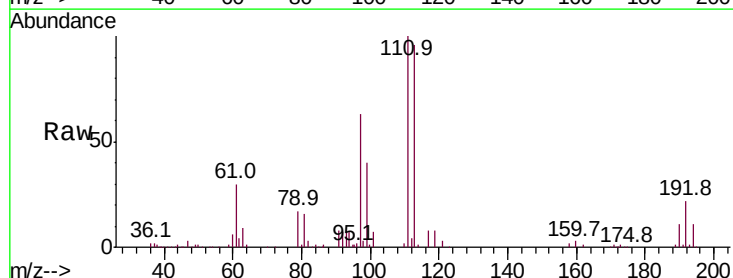
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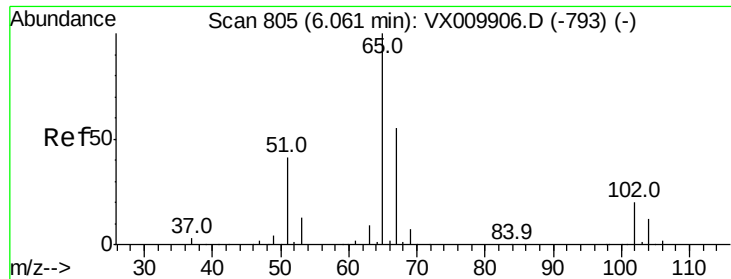
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#32
1,1,1-Trichloroethane
Concen: 20.456 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	48.1	38.7	58.1





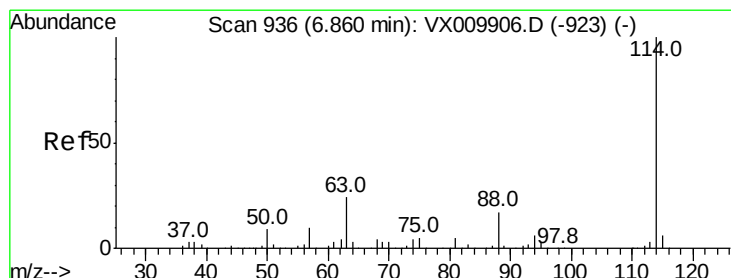
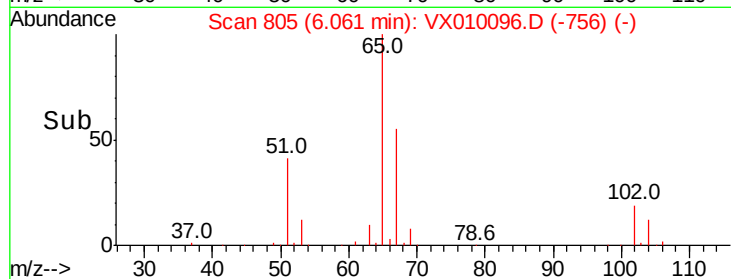
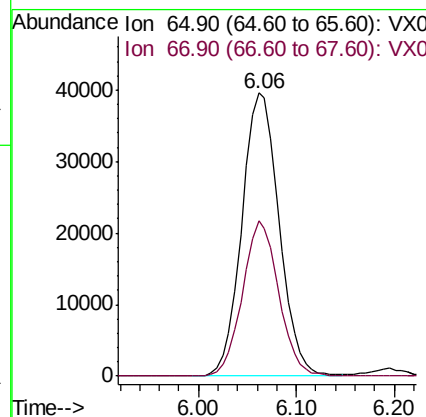
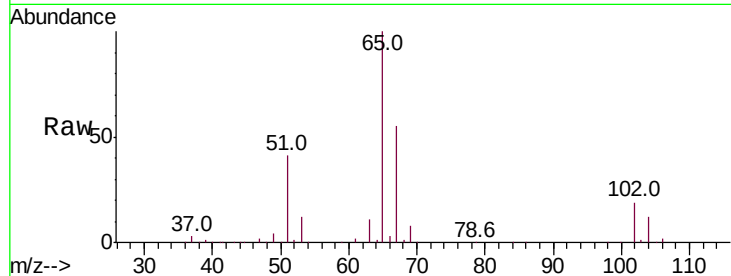
#33
 1,2-Dichloroethane-d4
 Concen: 48.022 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.4

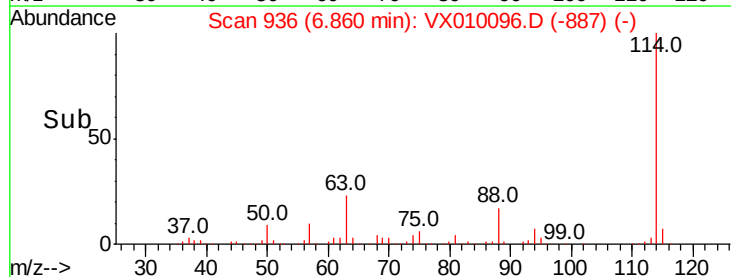
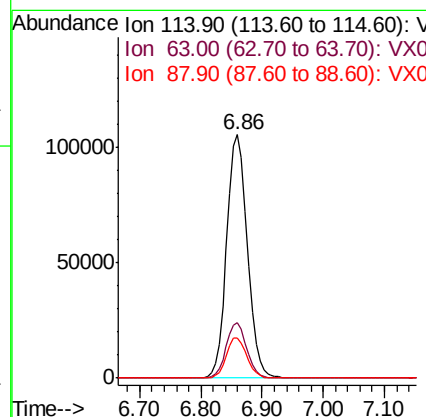
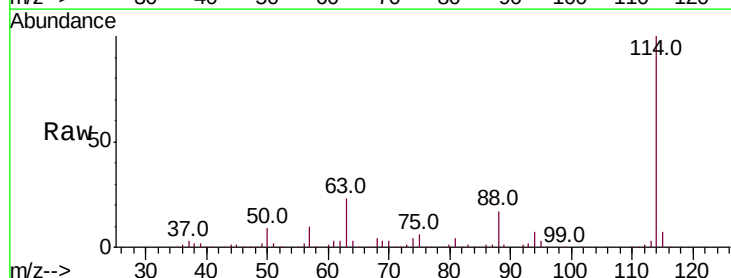
Manual Integrations
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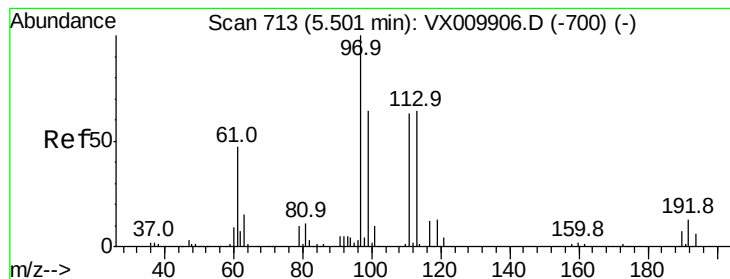
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	47.4
88	16.5	0.0	33.0





#35

Dibromofluoromethane

Concen: 49.609 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

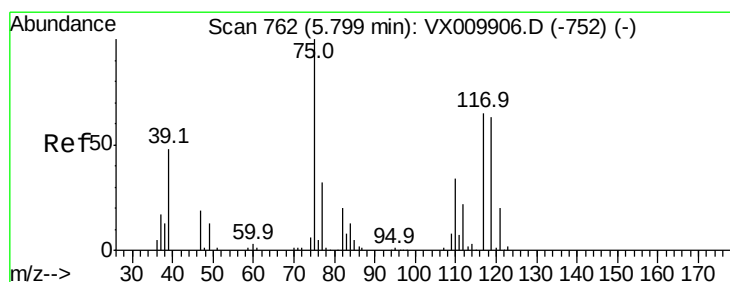
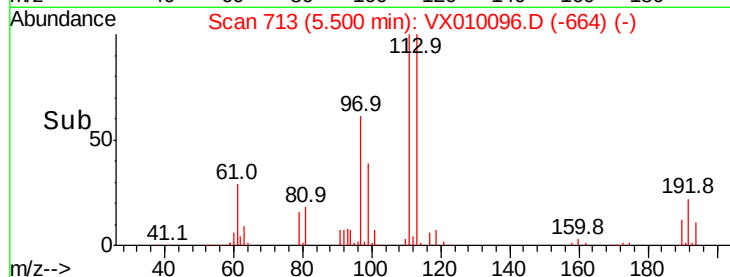
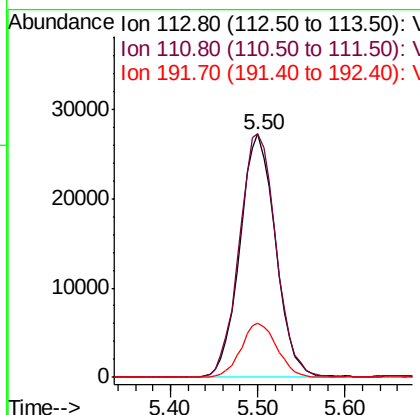
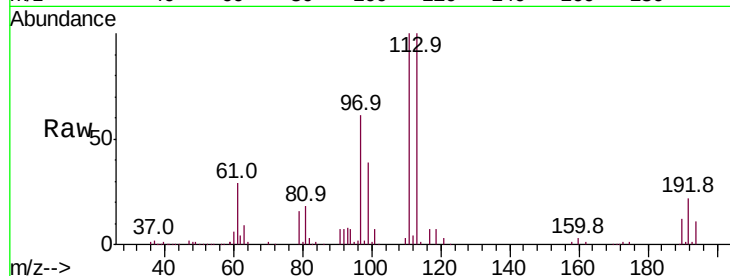
ClientSampleId :

VX0605WBSD02

Tot Ion:	113	Resp:	77129
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.2
192	22.5	17.1	25.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.849 ug/l

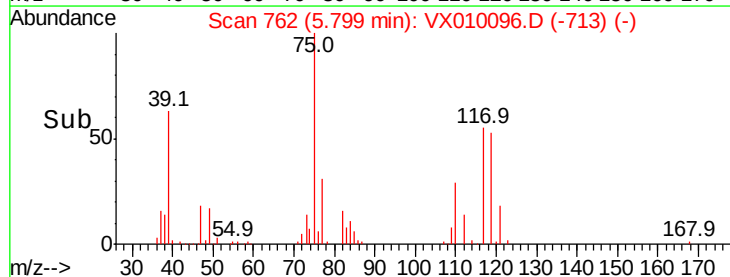
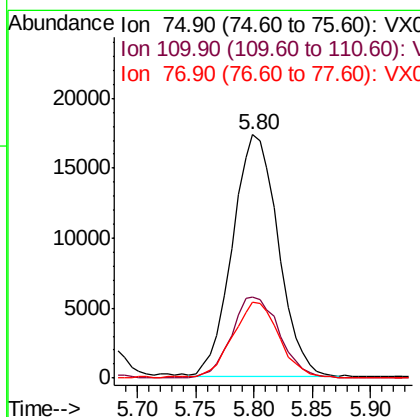
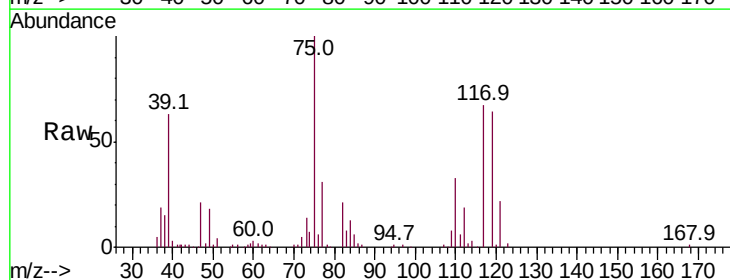
RT: 5.80 min Scan# 762

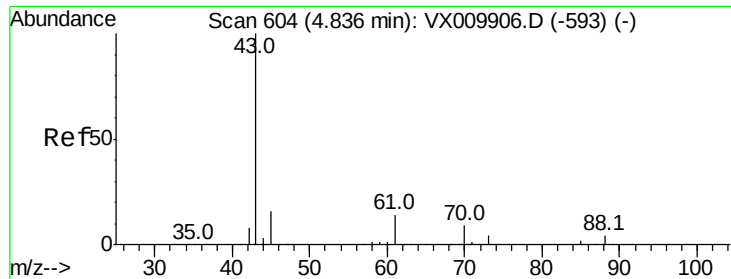
Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Tgt Ion:	75	Resp:	47293
Ion	Ratio	Lower	Upper
75	100		
110	35.2	16.7	50.1
77	32.5	25.0	37.4





#37

Ethyl Acetate

Concen: 20.101 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

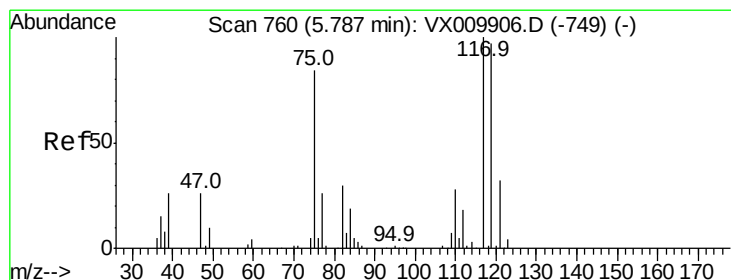
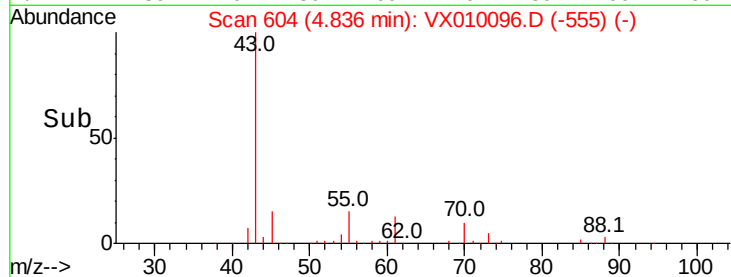
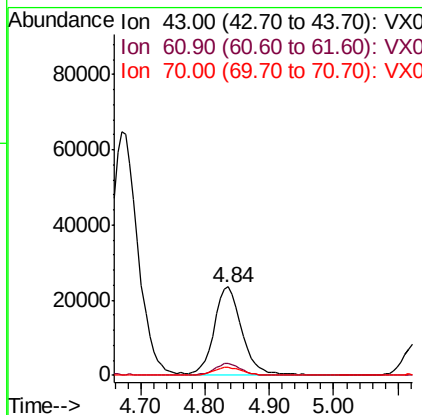
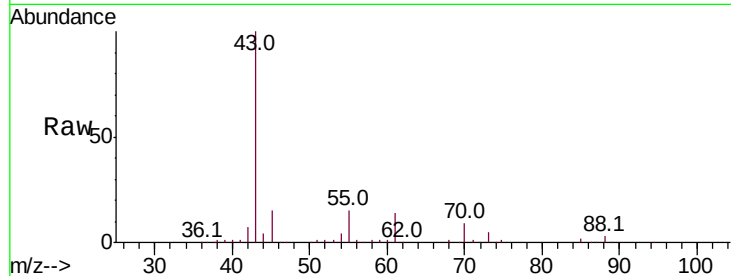
ClientSampled :

VX0605WBSD02

Tot Ion:	43	Resp:	70276
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.2
70	9.6	7.4	11.2

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 20.347 ug/l

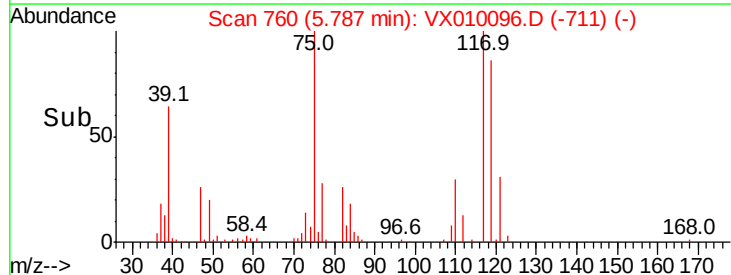
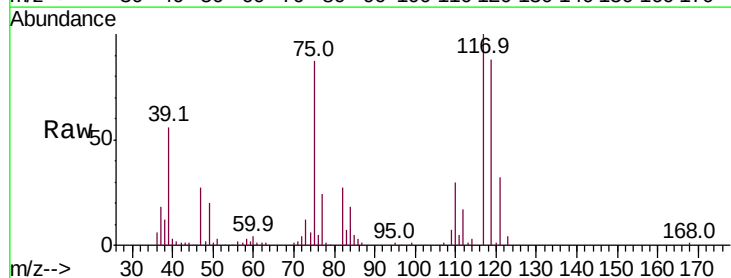
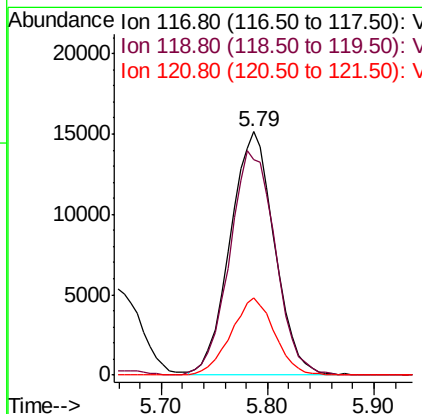
RT: 5.79 min Scan# 760

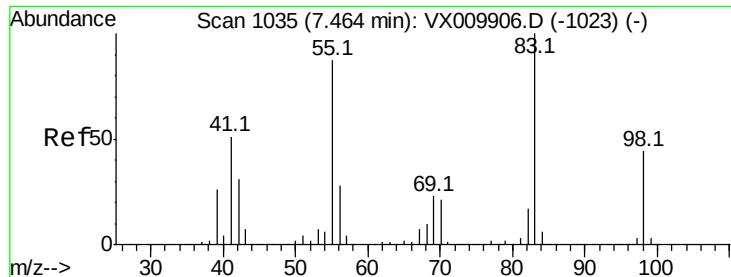
Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Tgt Ion:	117	Resp:	44116
Ion	Ratio	Lower	Upper
117	100		
119	88.0	77.3	115.9
121	31.8	25.4	38.0





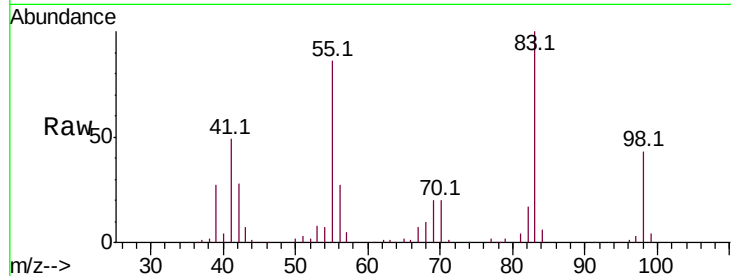
#39
Methylvlcyclohexane
Concen: 19.863 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.6	69.9	104.9
98	43.2	35.1	52.7

Manual Integrations
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6/6/2019 10:12:06 AM

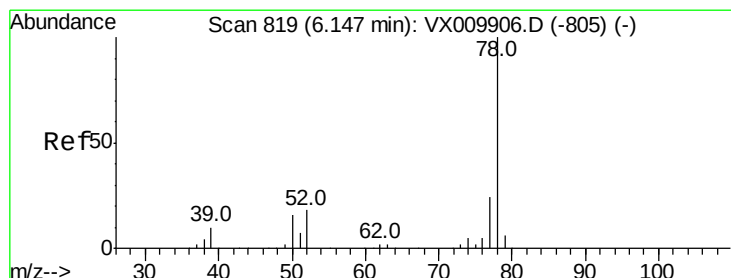
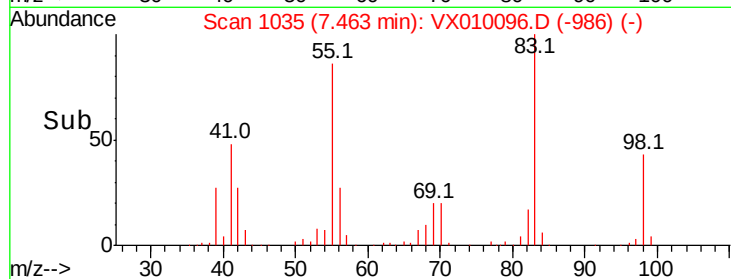
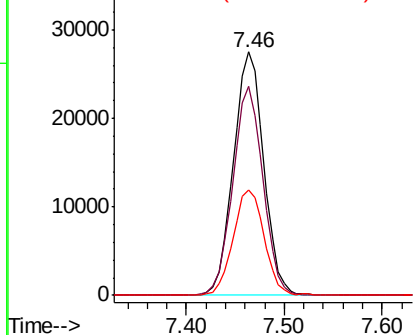


Abundance

Ion 83.00 (82.70 to 83.70): VX0

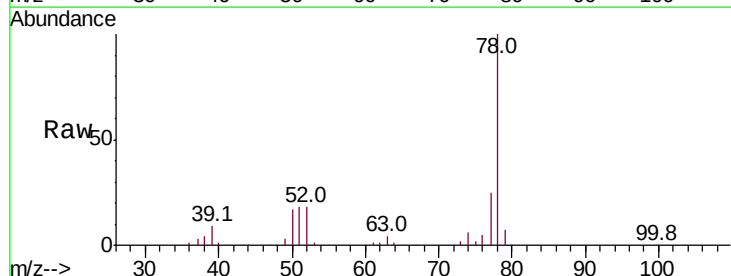
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 20.138 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

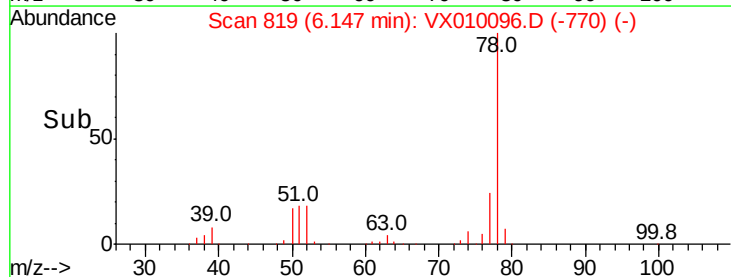
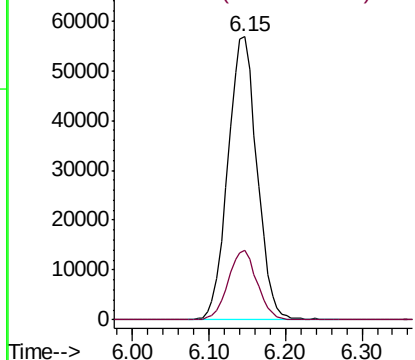
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8

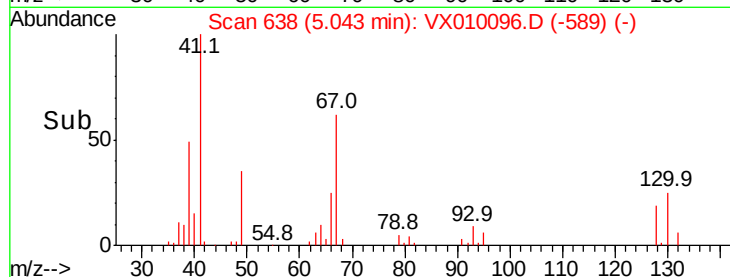
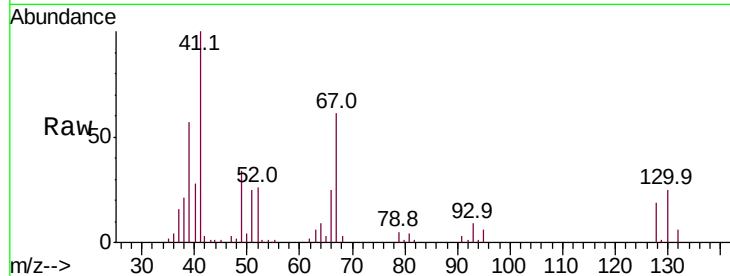
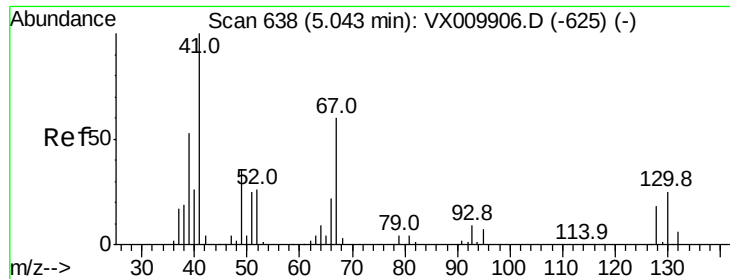


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





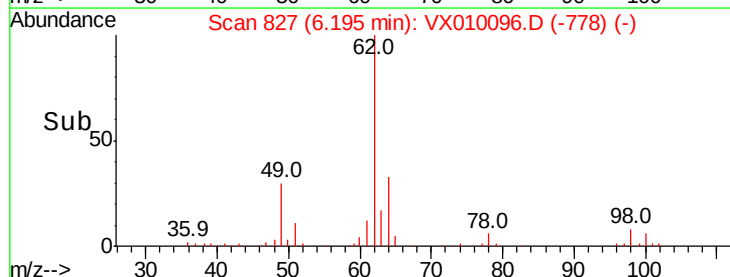
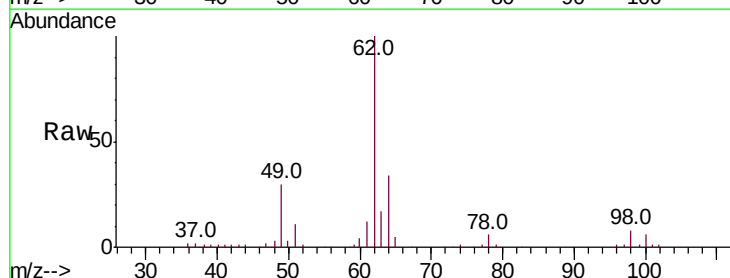
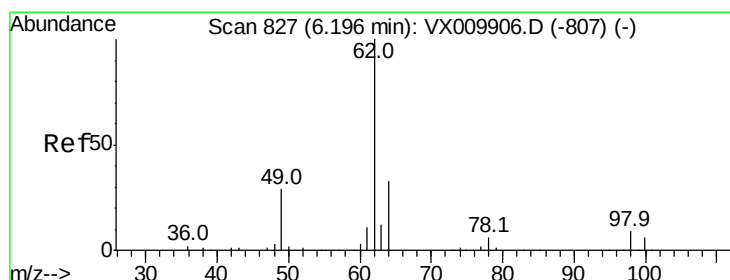
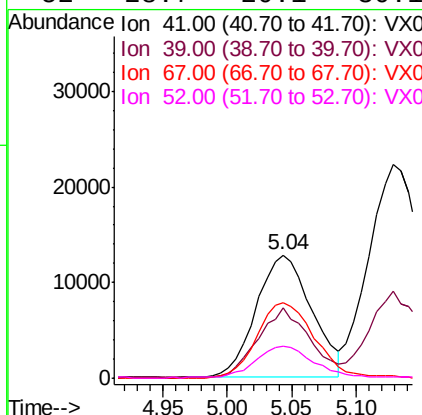
#41
Methacrylonitrile
Concen: 18.764 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.8	42.2	63.4	
67	64.5	48.9	73.3	
52	28.7	20.1	30.1	

Instrument :
MSVOA_X
ClientSampleID :
VX0605WBSD02

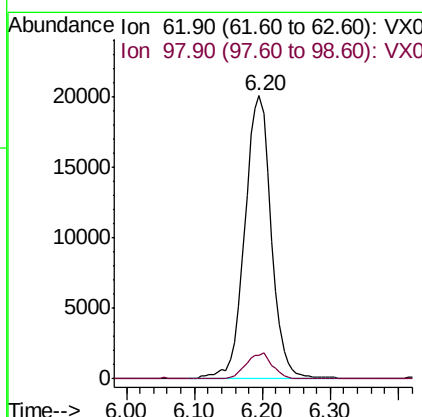
Manual Integrations
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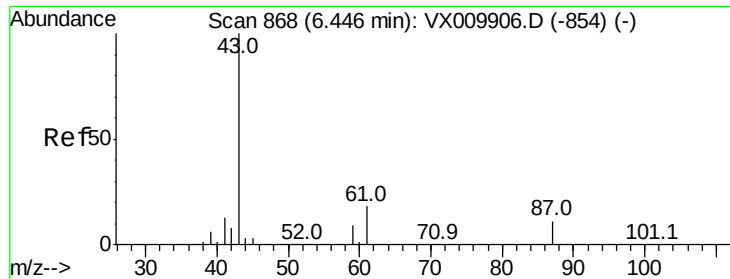
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.837 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.2	





#43

Isopropyl Acetate

Concen: 19.316 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

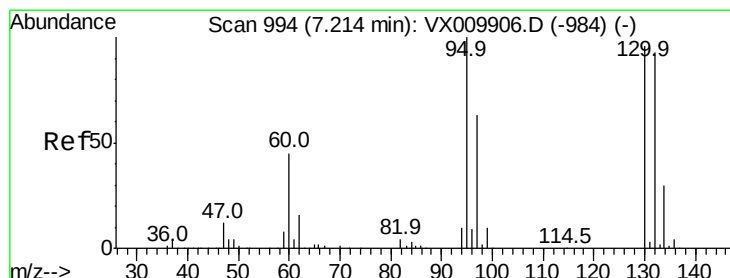
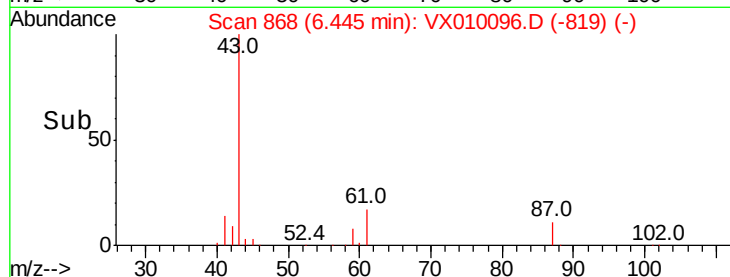
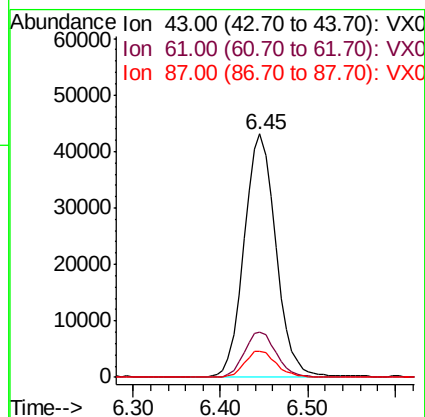
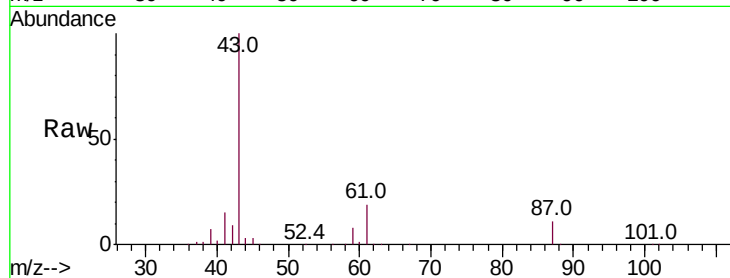
ClientSampleId :

VX0605WBSD02

Tot Ion:	43	Resp:	108964
Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.6	21.8
87	10.8	8.7	13.1

Manual Integrations
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6/6/2019 10:12:06 AM



#44

Trichloroethene

Concen: 19.814 ug/l

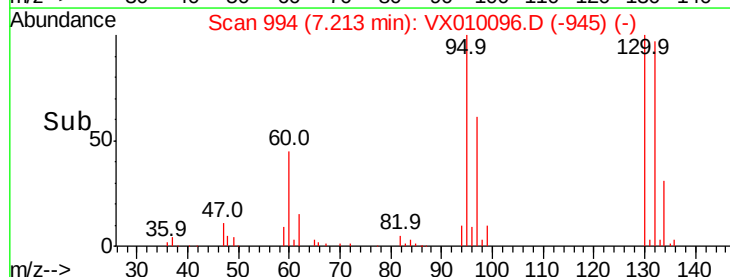
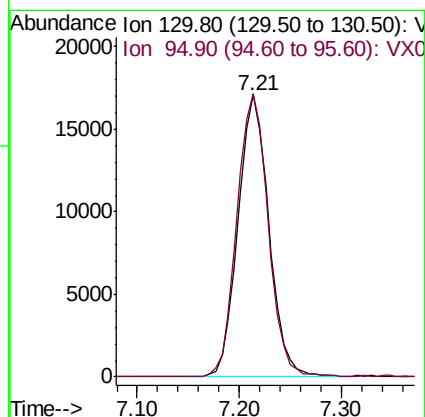
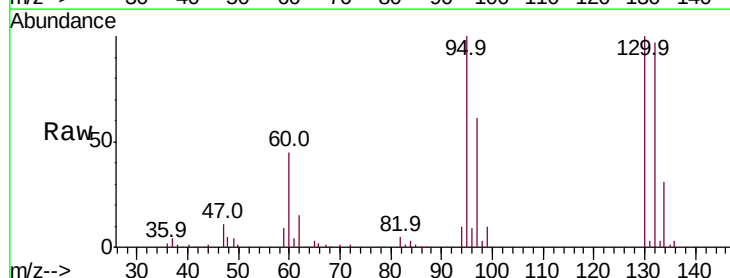
RT: 7.21 min Scan# 994

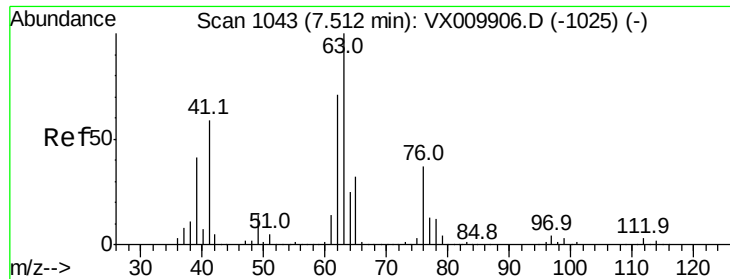
Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Tgt Ion:	130	Resp:	35823
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	207.4





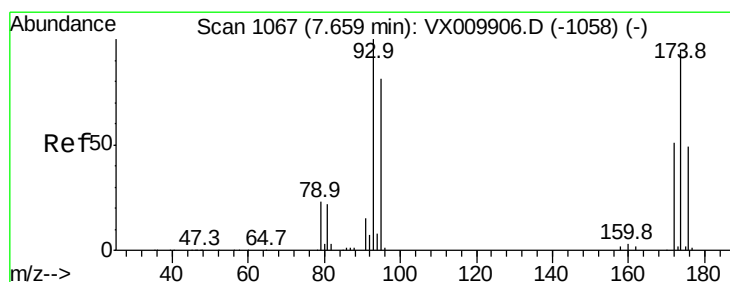
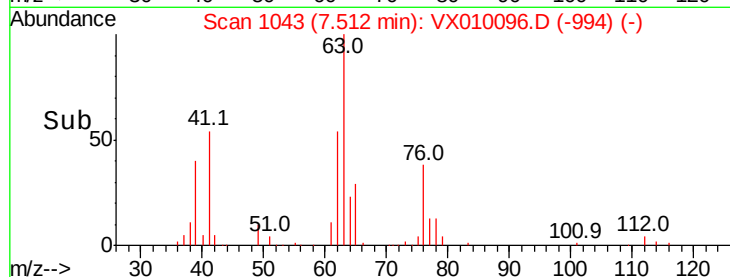
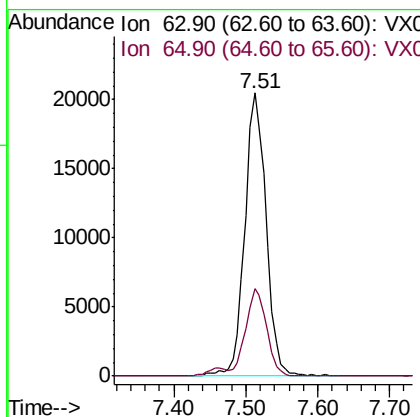
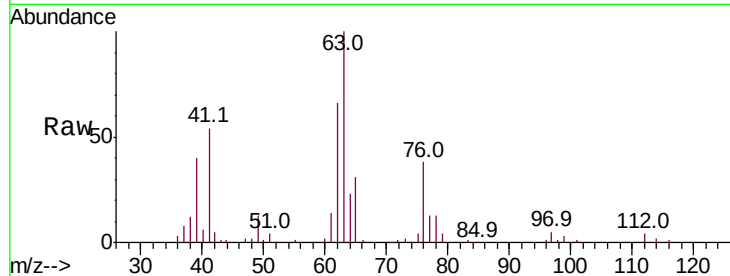
#45
 1,2-Dichloropropane
 Concen: 19.618 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion: 63 Resp: 42034
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.7 38.5

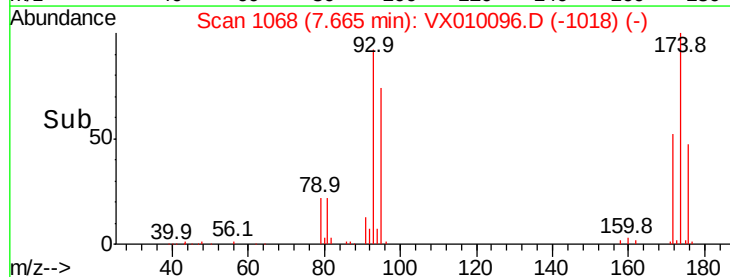
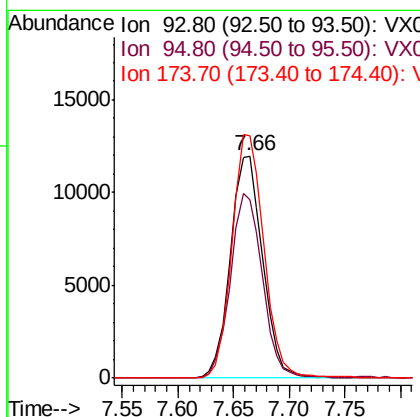
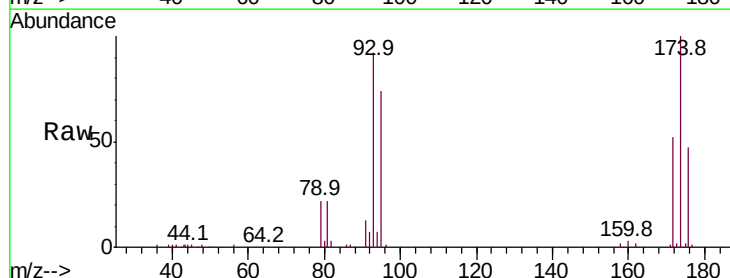
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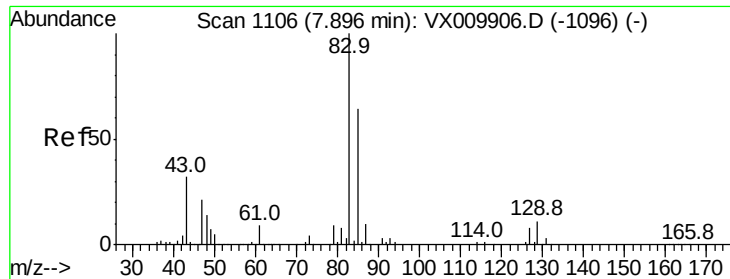
MMDadoda
 6/6/2019 10:12:06 AM



#46
 Dibromomethane
 Concen: 19.034 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion: 93 Resp: 24006
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.8 100.2
 174 108.5 81.9 122.9





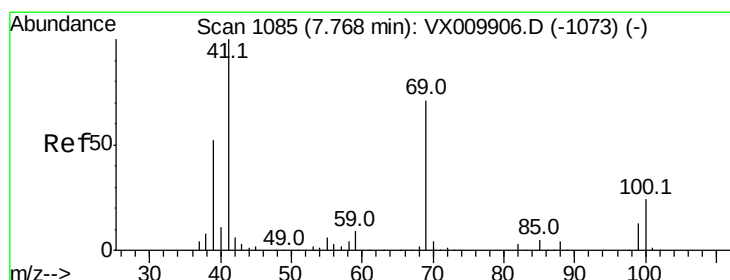
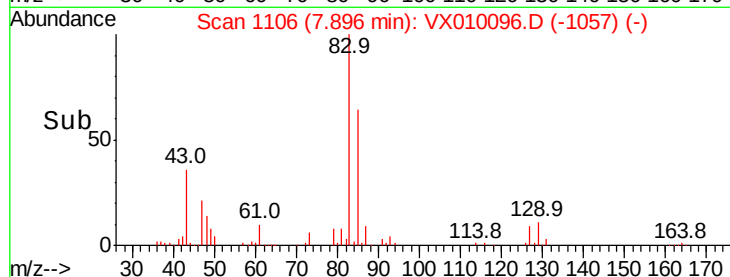
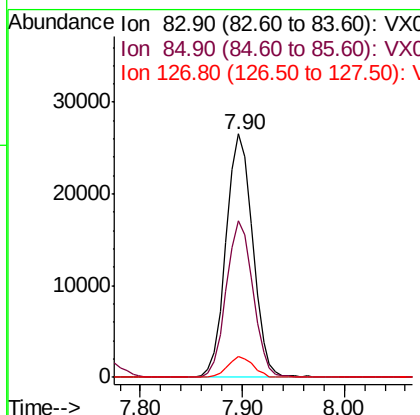
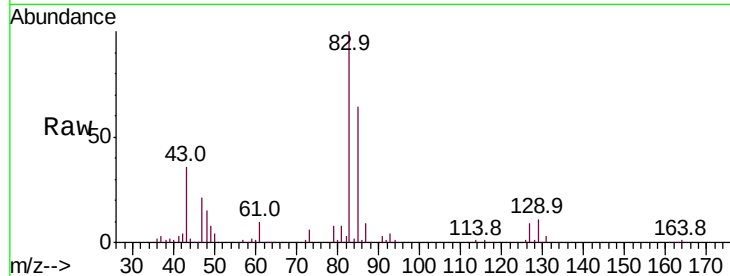
#47
Bromodichloromethane
Concen: 20.068 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD02

Tot Ion	83	Resp	48128
Ion Ratio	100	Lower	Upper
85	64.2	51.4	77.2
127	8.6	6.4	9.6

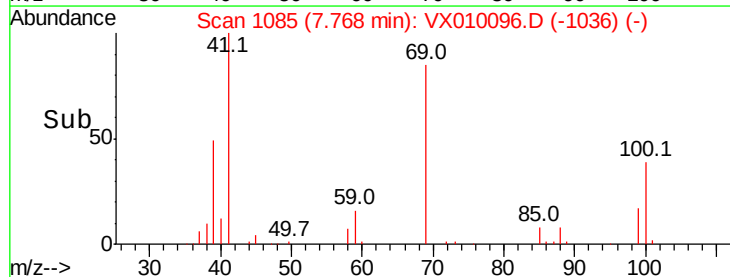
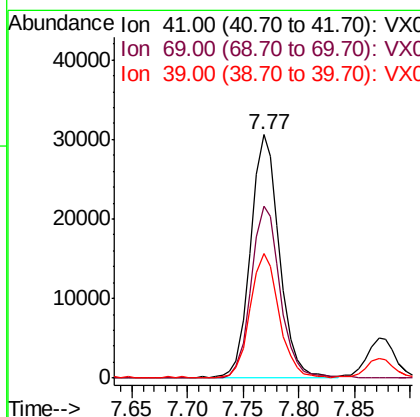
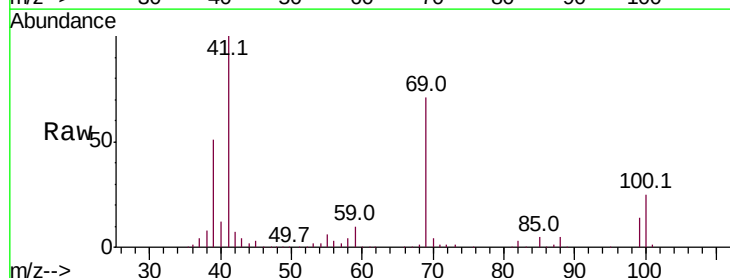
Manual Integrations
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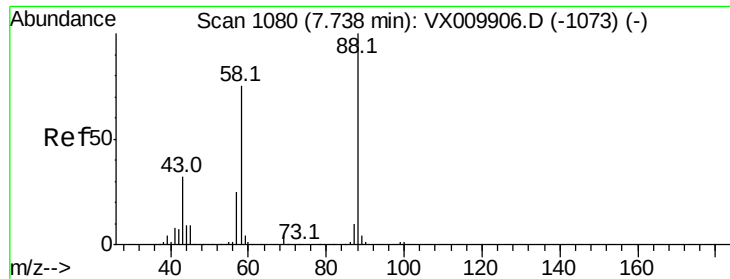
MMDadoda
6/6/2019 10:12:06 AM



#48
Methyl methacrylate
Concen: 19.642 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	41	Resp	54851
Ion Ratio	100	Lower	Upper
69	72.3	56.4	84.6
39	52.2	40.6	60.8





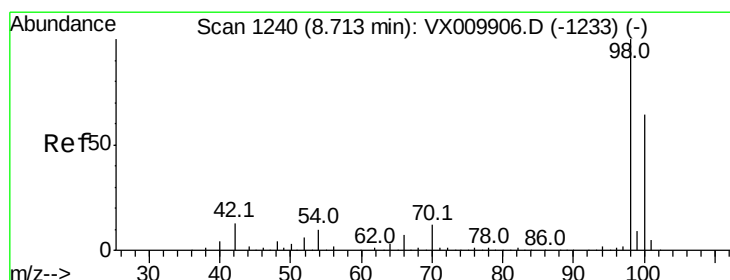
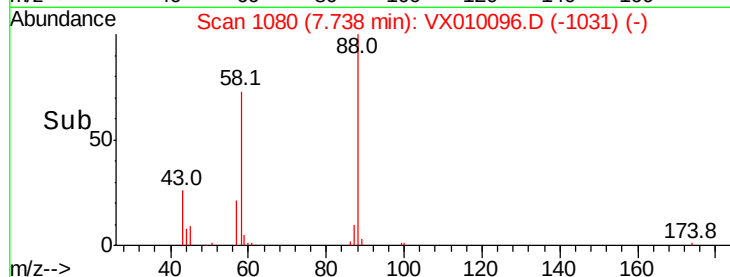
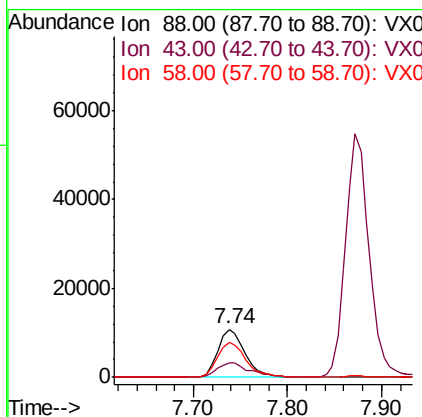
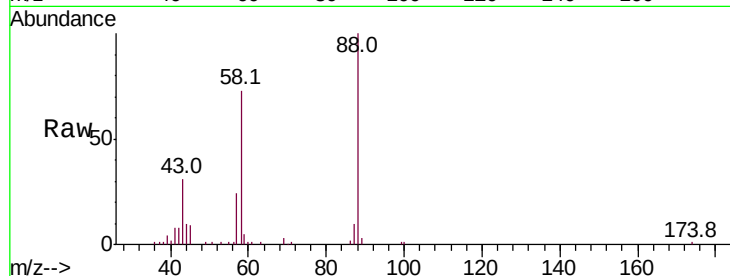
#49
1,4-Dioxane
Concen: 416.934 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	30.2	45.4
58	77.3	64.0	96.0

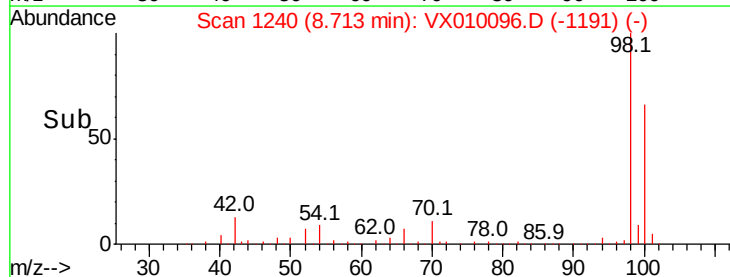
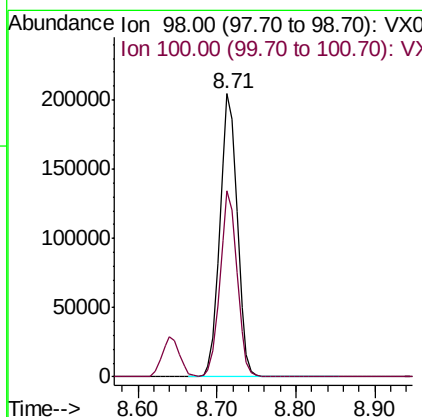
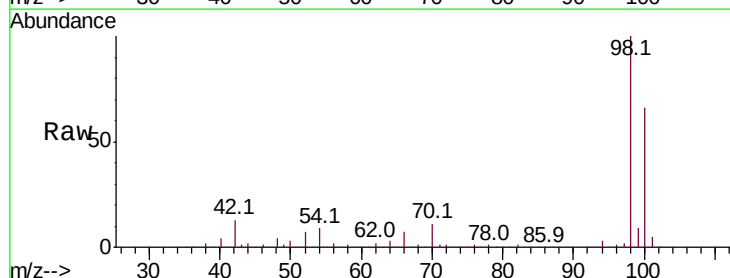
Manual Integrations
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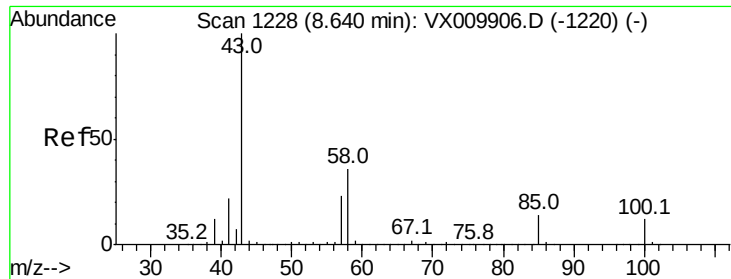
MMDadoda
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#50
Toluene-d8
Concen: 49.737 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 99.532 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampled :

VX0605WBSD02

Tot Ion: 43 Resp: 365239

Ion Ratio Lower Upper

43 100

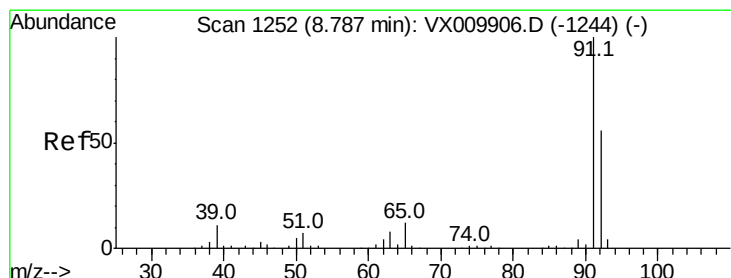
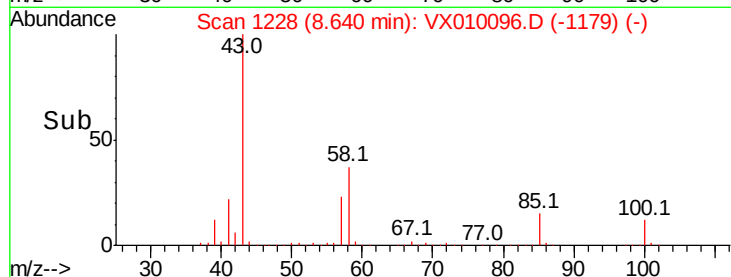
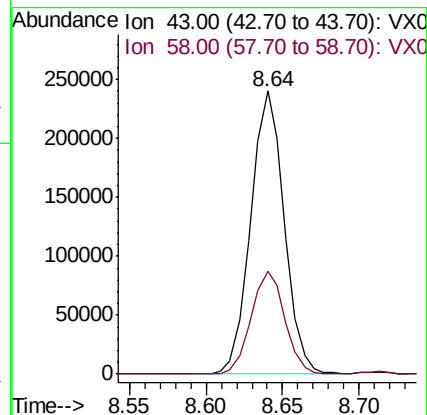
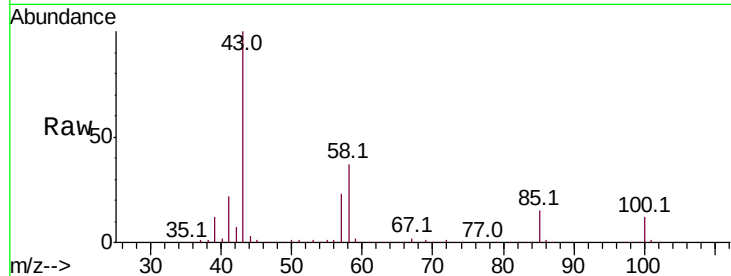
58 36.5 28.8 43.2

Manual Integrations

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#52

Toluene

Concen: 20.429 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX010096.D

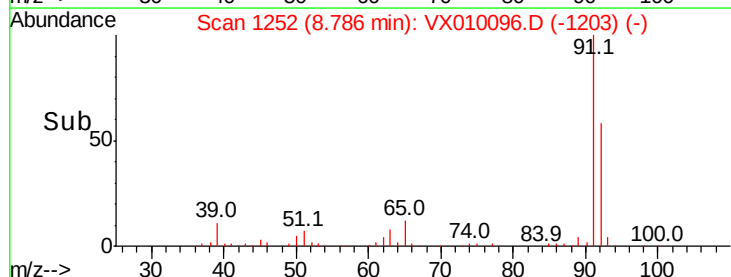
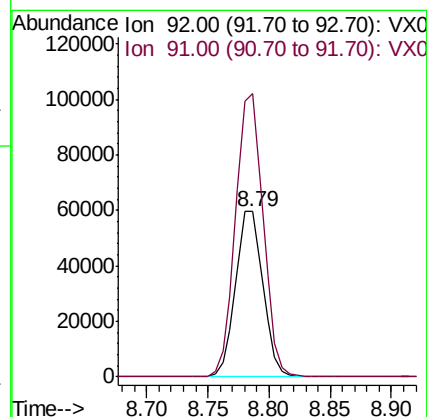
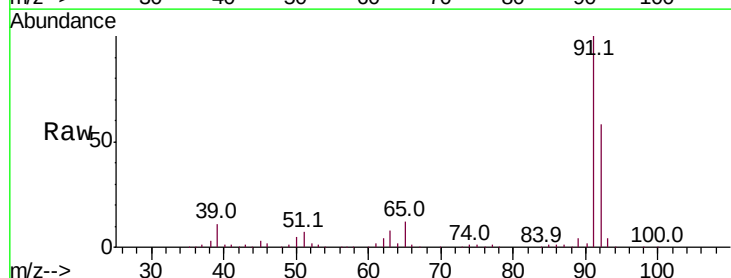
Acq: 05 Jun 2019 23:52

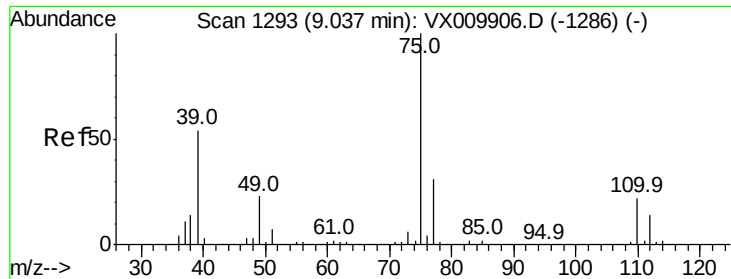
Tgt Ion: 92 Resp: 92320

Ion Ratio Lower Upper

92 100

91 172.6 139.9 209.9





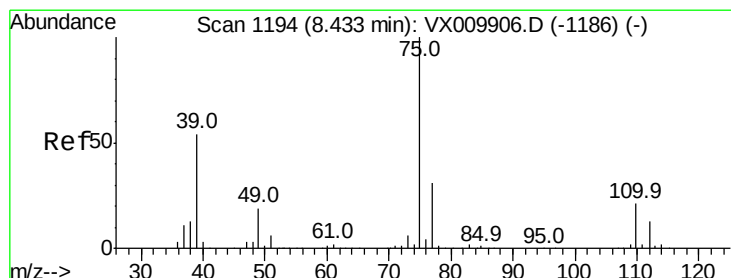
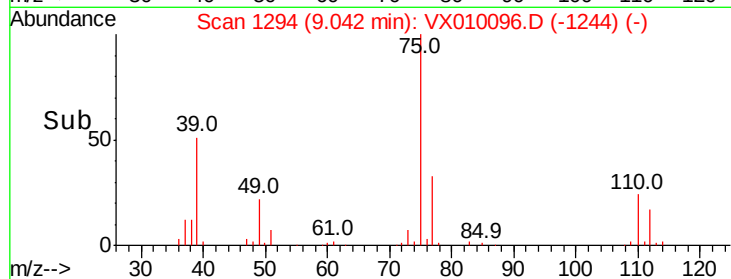
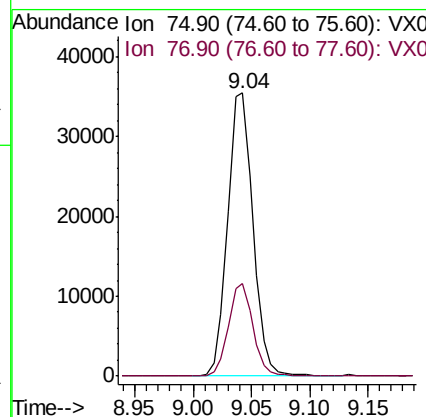
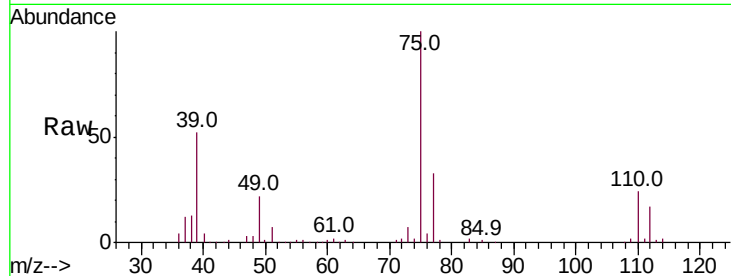
#53
t-1,3-Dichloropropene
Concen: 18.603 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion: 75 Resp: 53507
Ion Ratio Lower Upper
75 100
77 32.9 24.6 36.8

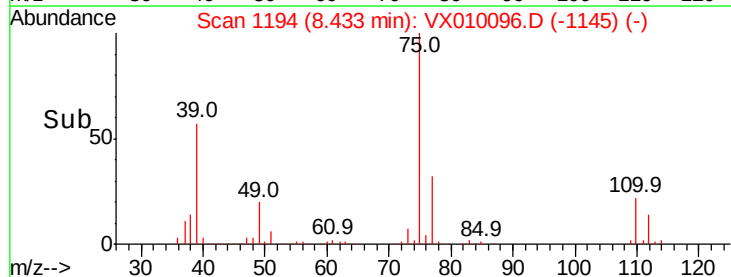
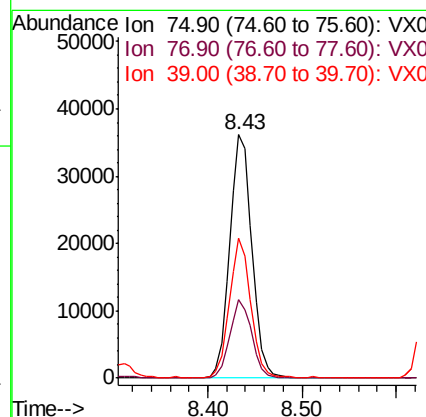
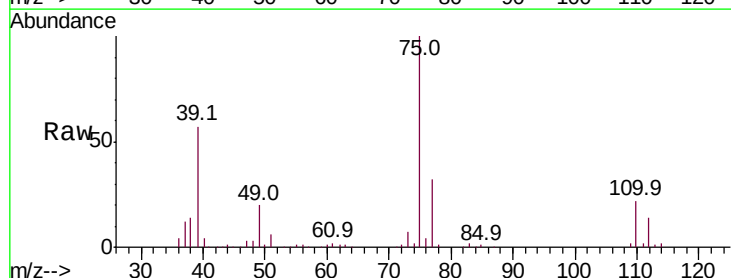
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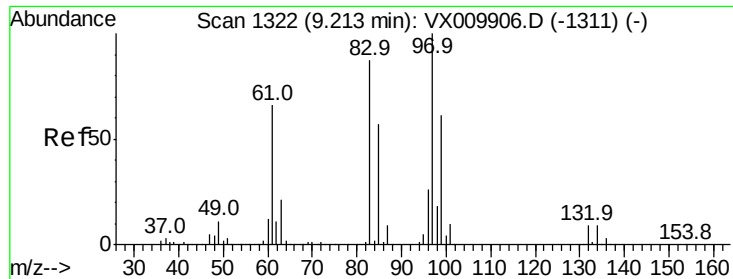
MMDadoda
6/6/2019 10:12:06 AM



#54
cis-1,3-Dichloropropene
Concen: 18.796 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion: 75 Resp: 58903
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 57.3 43.4 65.0





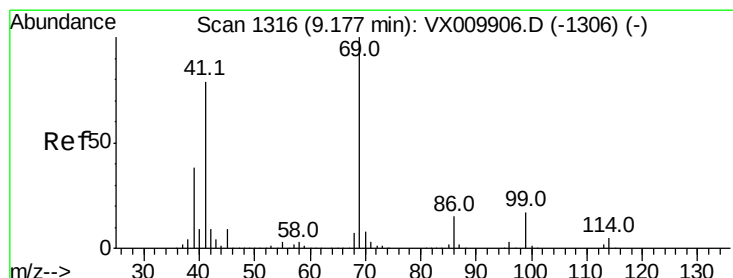
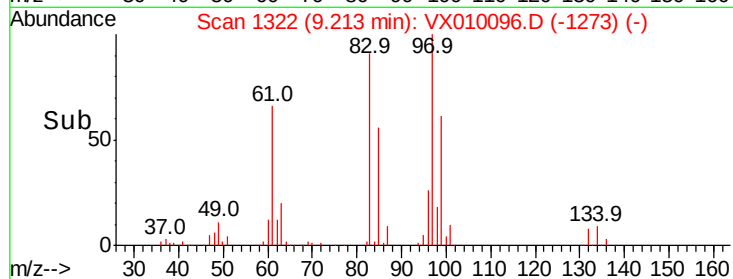
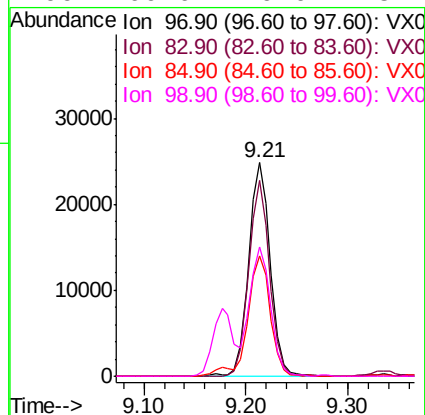
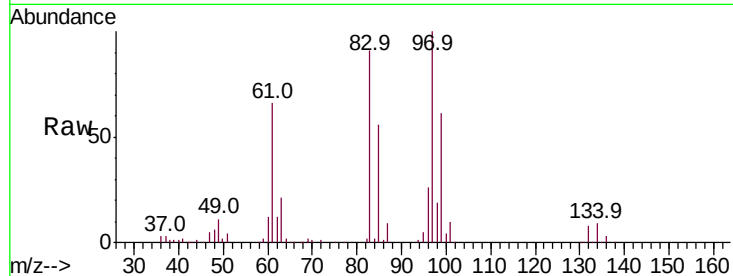
#55
1,1,2-Trichloroethane
Concen: 20.108 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	97	Resp	36575
Ion	Ratio	Lower	Upper
97	100		
83	91.4	69.8	104.8
85	56.5	45.3	67.9
99	60.6	49.0	73.4

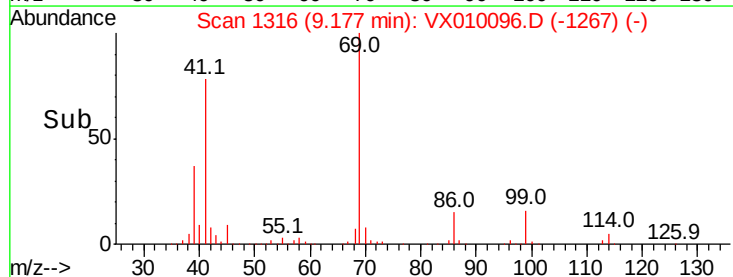
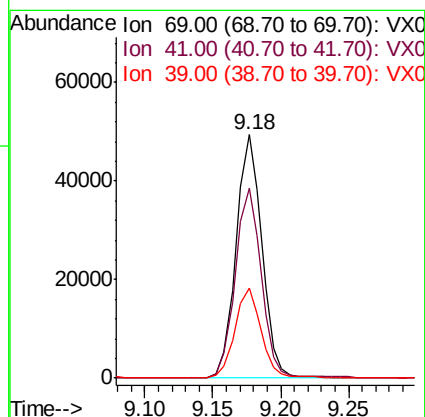
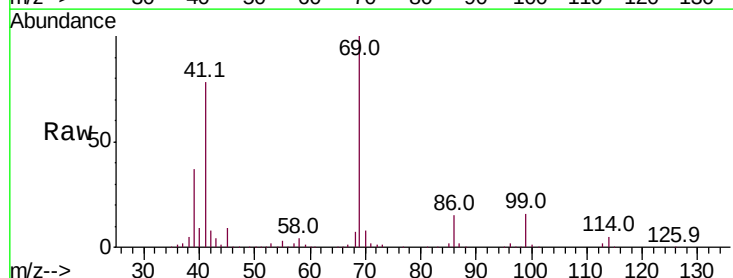
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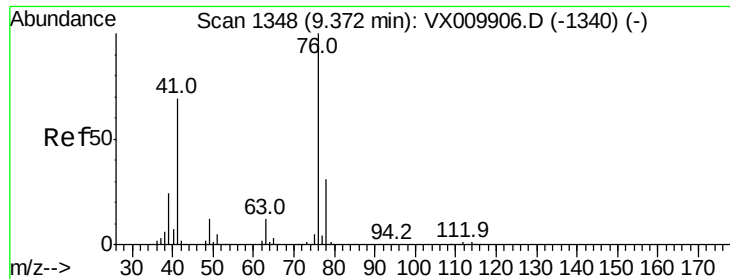
MMDadoda
6/6/2019 10:12:06 AM



#56
Ethyl methacrylate
Concen: 20.243 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	69	Resp	65550
Ion	Ratio	Lower	Upper
69	100		
41	78.9	62.7	94.1
39	37.1	29.5	44.3





#57

1,3-Dichloropropane

Concen: 19.857 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion: 76 Resp: 64864

Ion Ratio Lower Upper

76 100

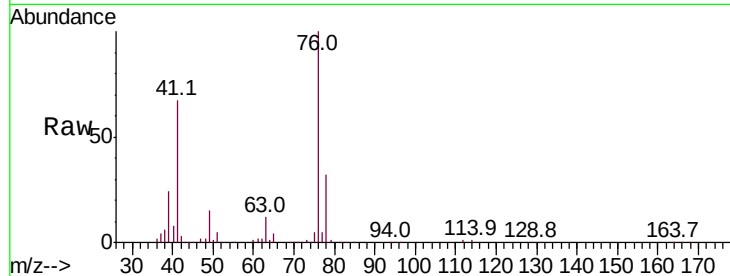
78 31.8 25.4 38.0

Manual Integrations

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MMDadoda

6/6/2019 10:12:06 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

50000

40000

30000

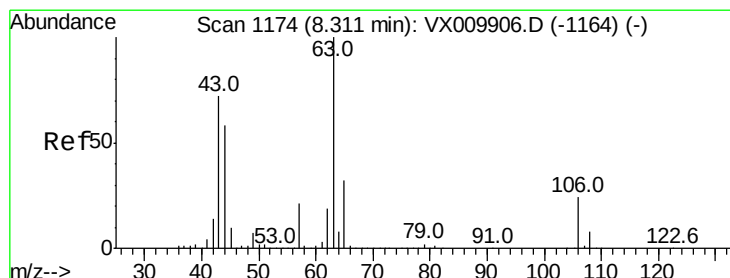
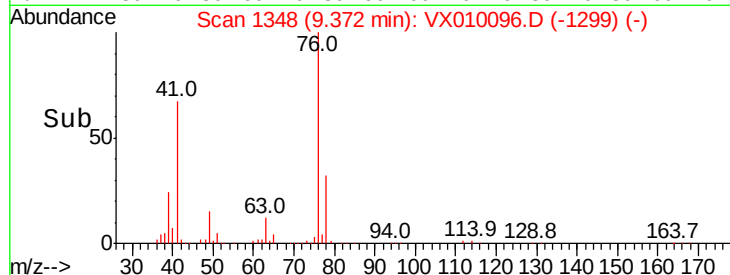
20000

10000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 88.431 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010096.D

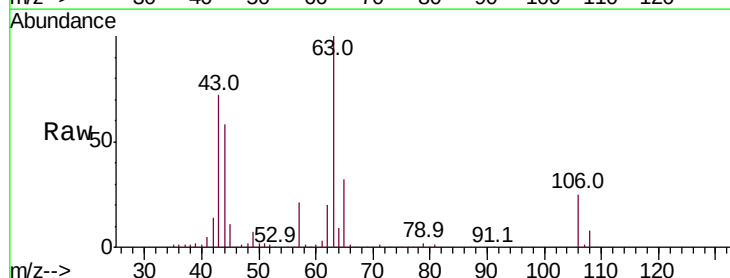
Acq: 05 Jun 2019 23:52

Tgt Ion: 63 Resp: 150158

Ion Ratio Lower Upper

63 100

106 24.8 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

100000

80000

60000

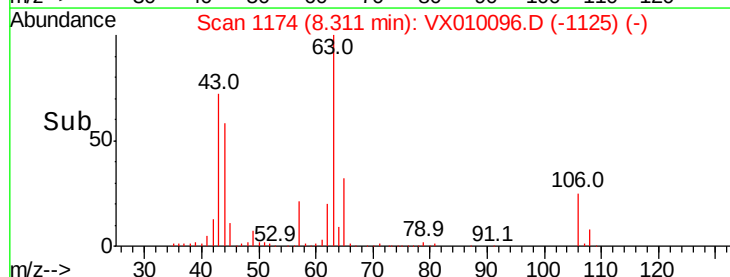
40000

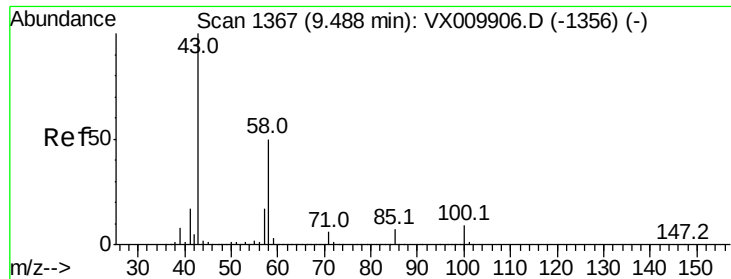
20000

0

8.20 8.25 8.30 8.35 8.40

Time-->





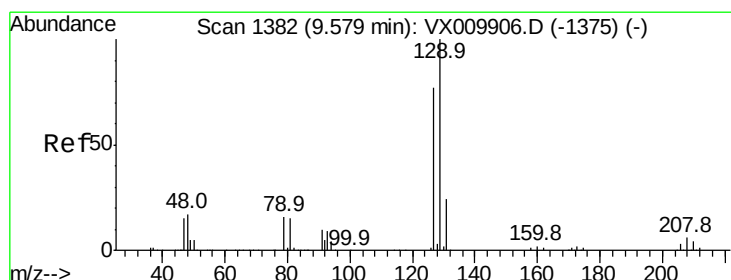
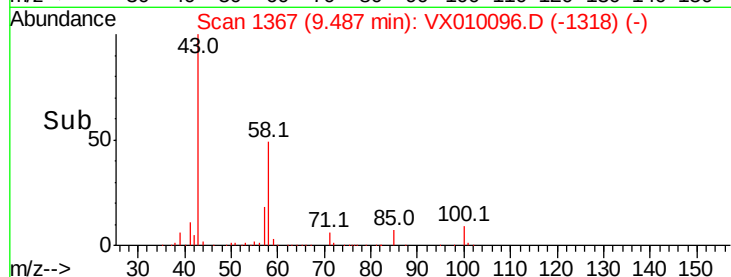
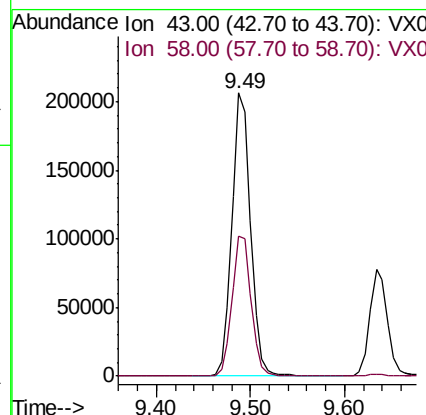
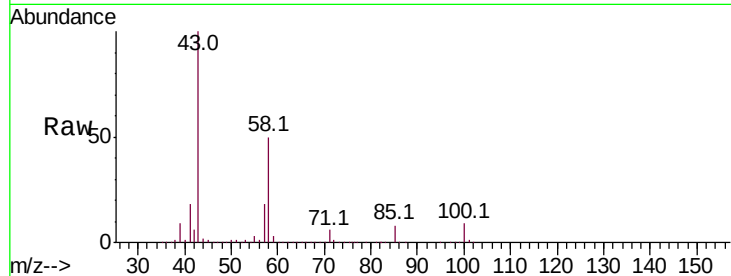
#59
2-Hexanone
Concen: 100.098 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion: 43 Resp: 282798
Ion Ratio Lower Upper
43 100
58 50.9 25.1 75.3

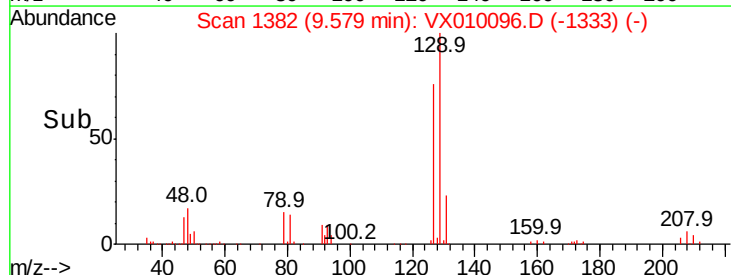
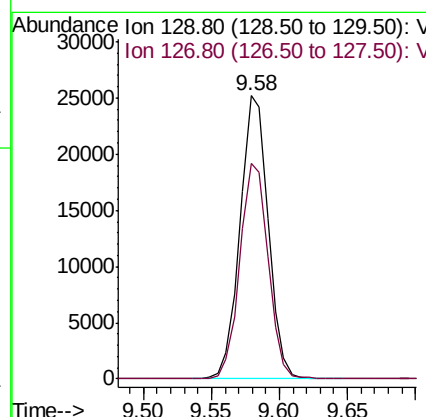
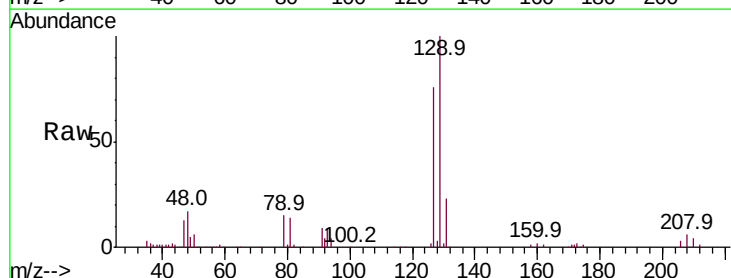
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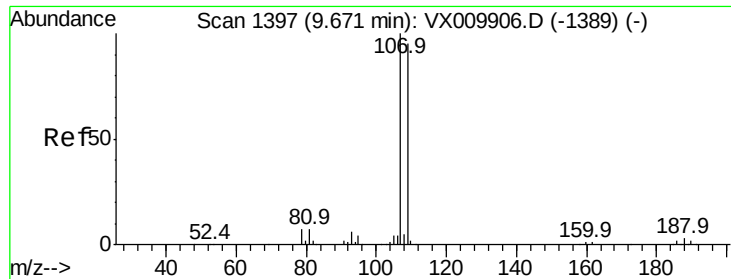
MMDadoda
6/6/2019 10:12:06 AM



#60
Dibromochloromethane
Concen: 20.292 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion: 129 Resp: 36307
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.174 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion:107 Resp: 37698

Ion Ratio Lower Upper

107 100

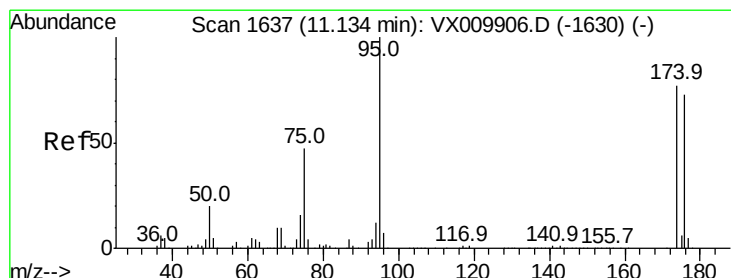
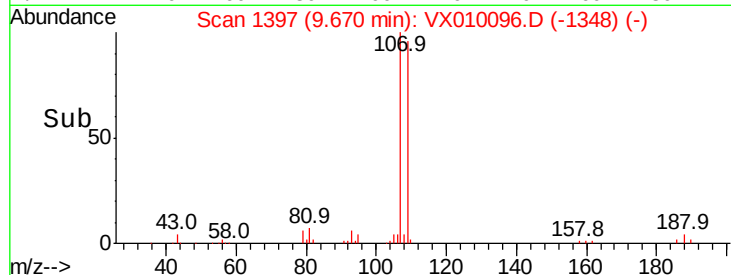
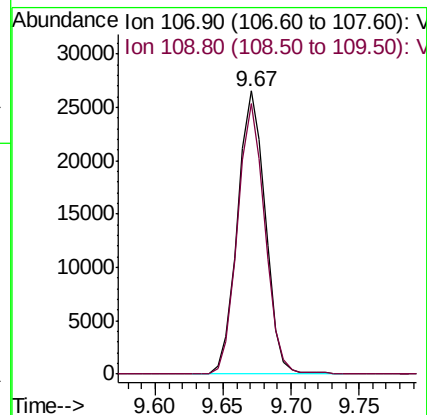
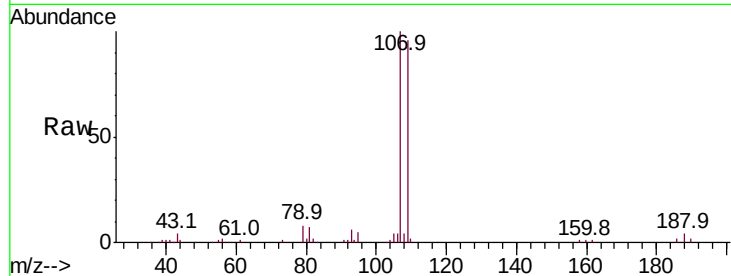
109 94.3 75.4 113.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.316 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

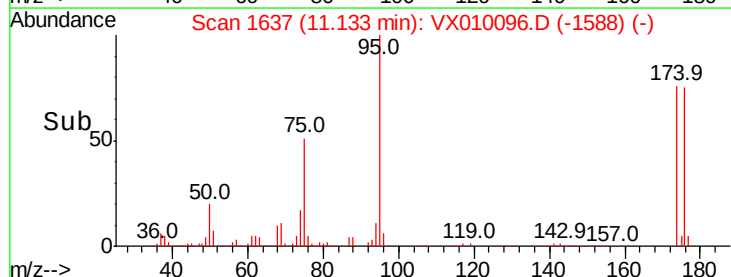
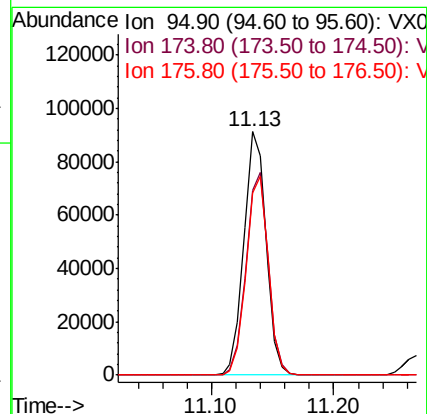
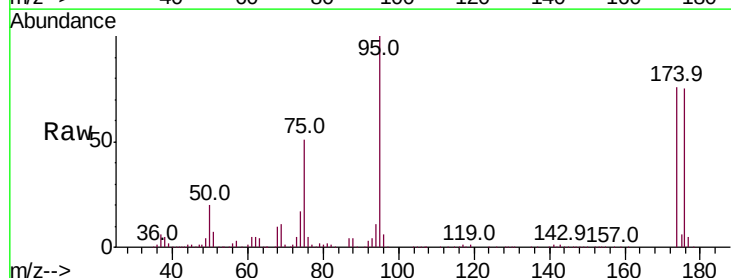
Tgt Ion: 95 Resp: 114100

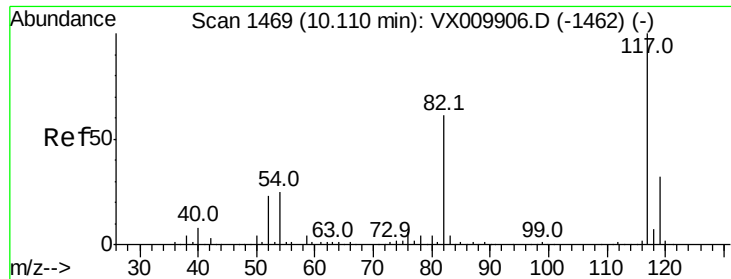
Ion Ratio Lower Upper

95 100

174 83.3 0.0 160.4

176 81.8 0.0 154.6





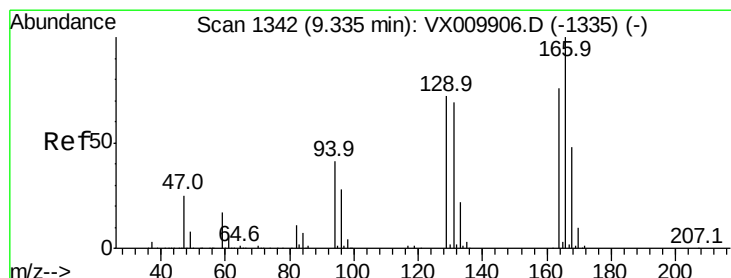
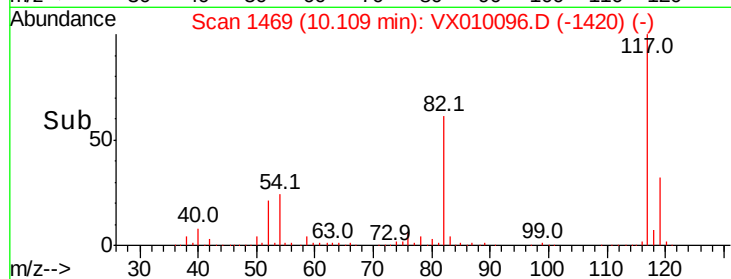
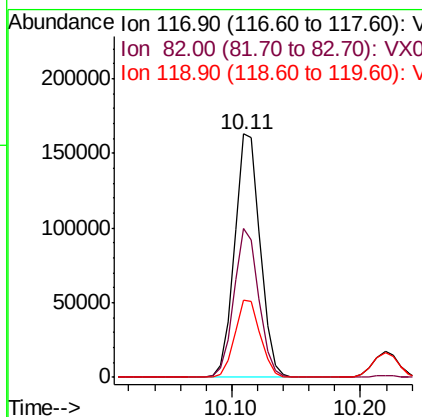
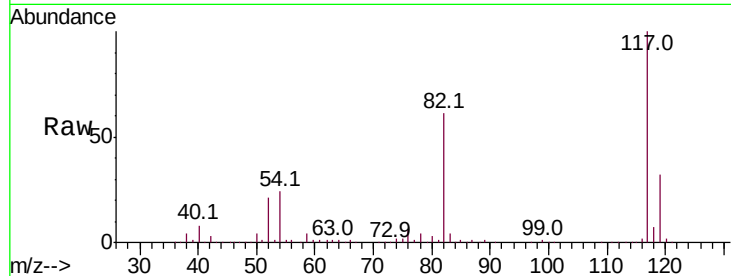
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.2	49.2	73.8
119	32.0	25.2	37.8

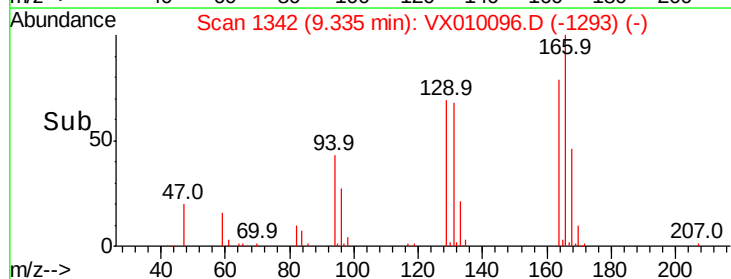
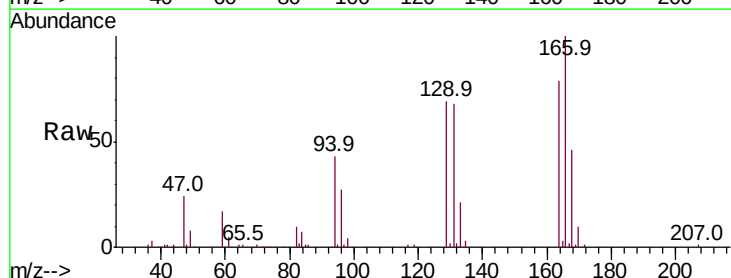
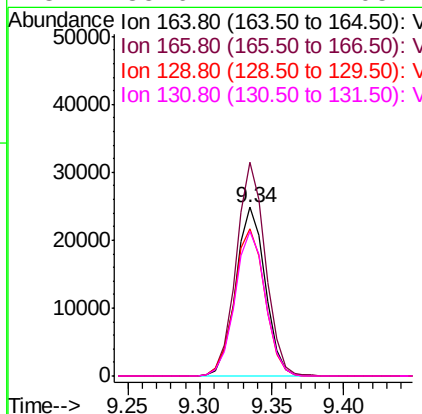
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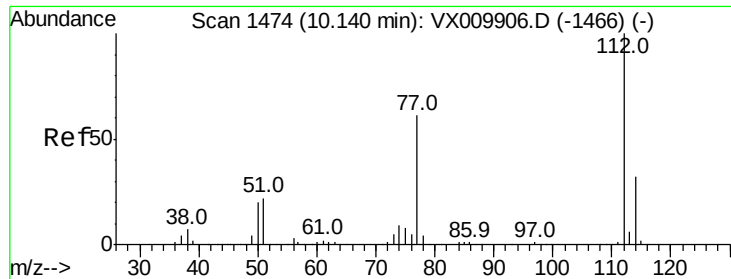
MMDadoda
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#64
Tetrachloroethene
Concen: 22.579 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	105.0	157.4
129	87.1	75.1	112.7
131	85.6	72.2	108.4





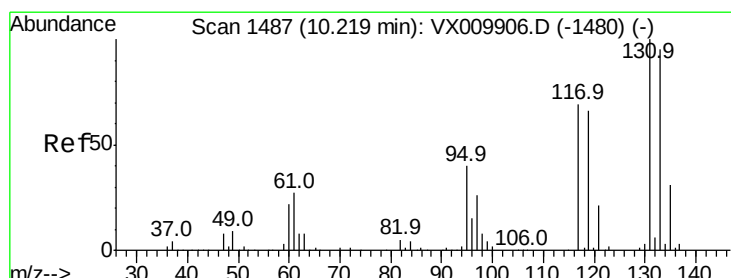
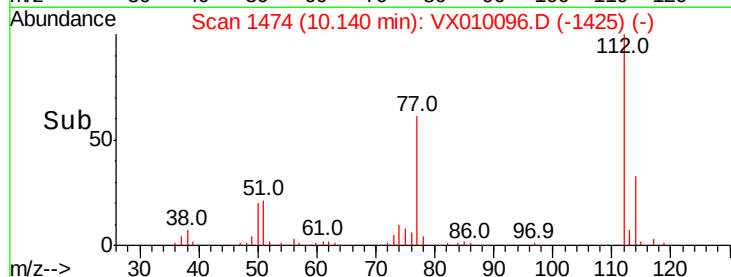
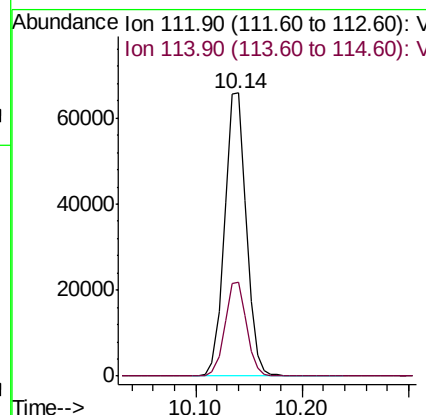
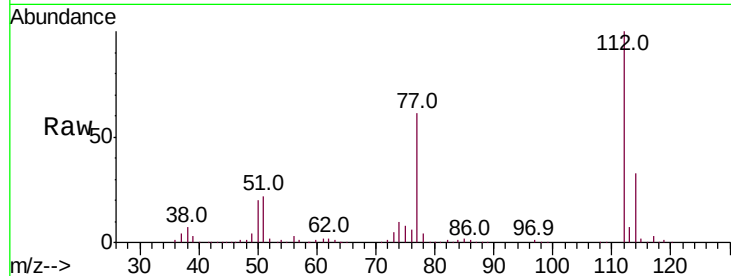
#65
Chlorobenzene
Concen: 19.938 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD02

Tot Ion:112 Resp: 93730
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8

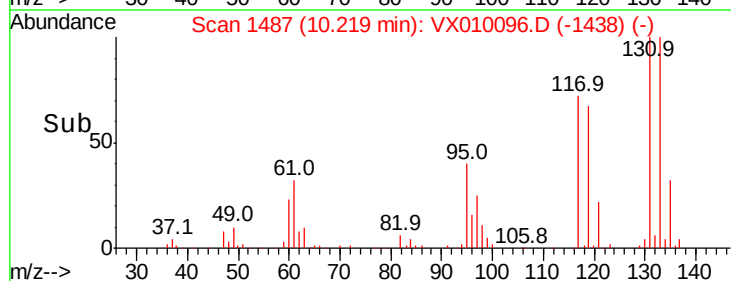
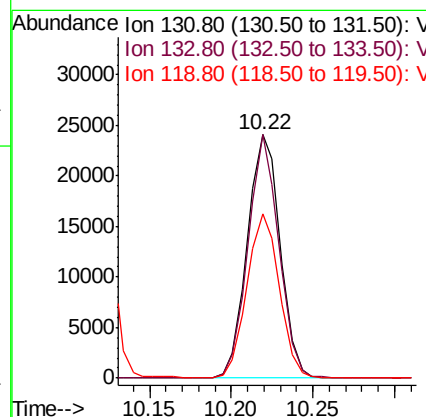
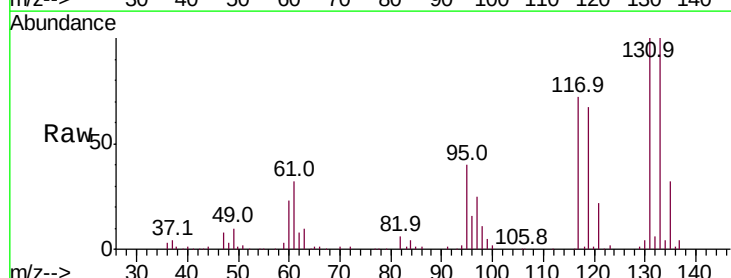
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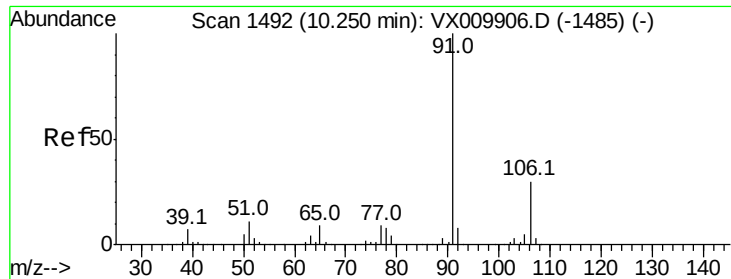
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.709 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion:131 Resp: 33766
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.6
119 66.7 33.4 100.1





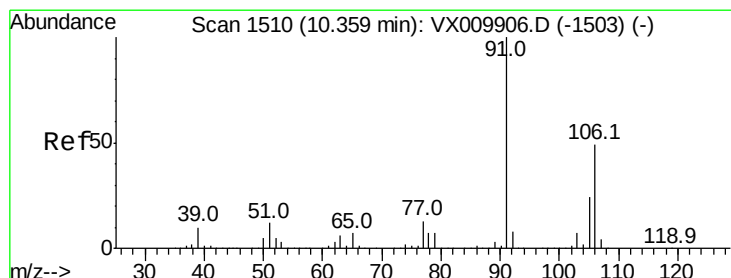
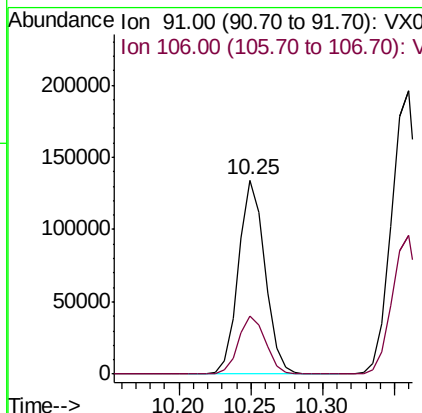
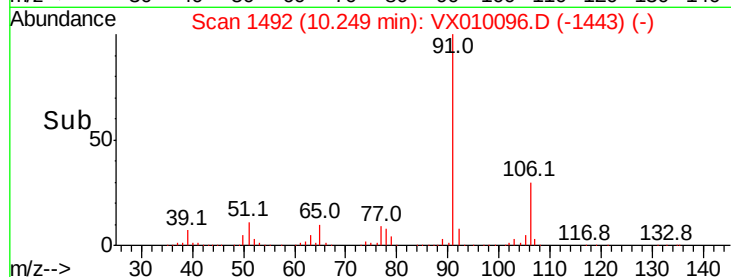
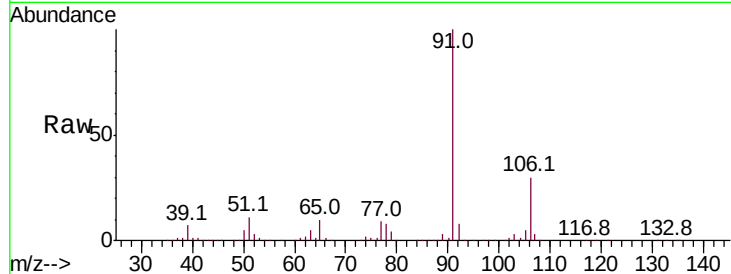
#67
Ethyl Benzene
Concen: 20.488 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD02

Tot Ion: 91 Resp: 172930
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

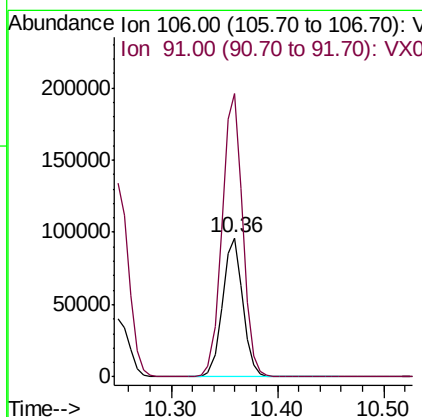
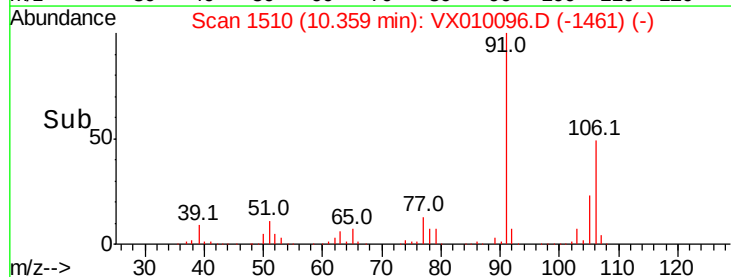
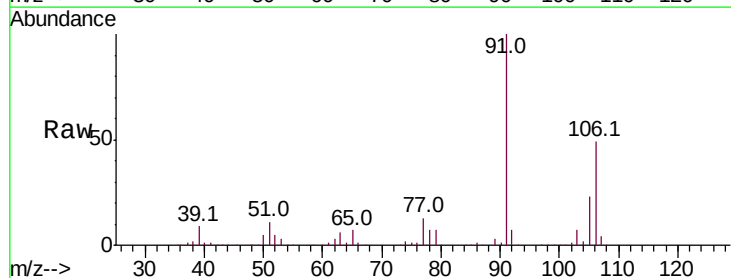
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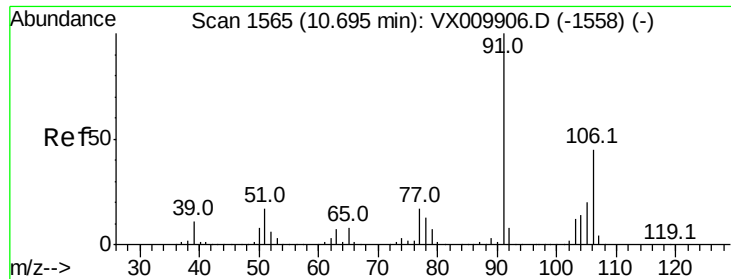
MMDadoda
6/6/2019 10:12:06 AM



#68
m/p-Xylenes
Concen: 41.140 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion: 106 Resp: 128285
Ion Ratio Lower Upper
106 100
91 206.1 167.3 250.9





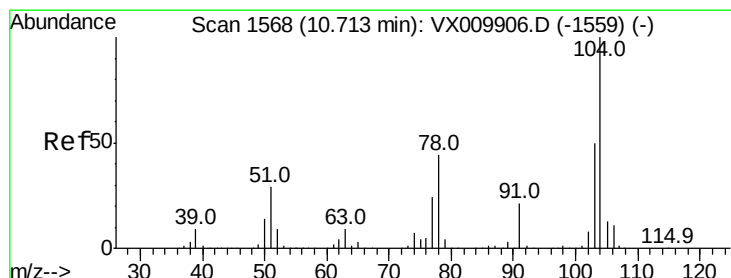
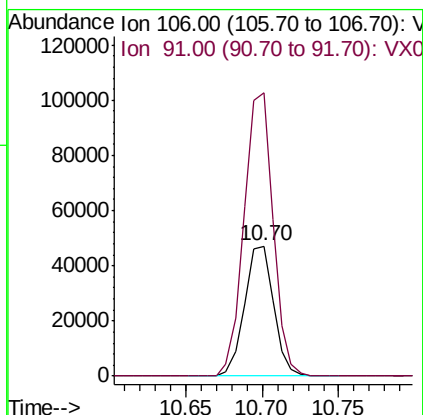
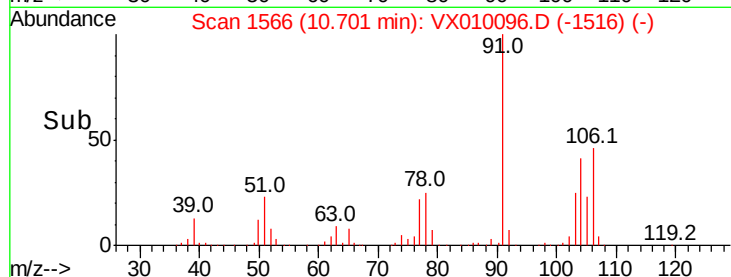
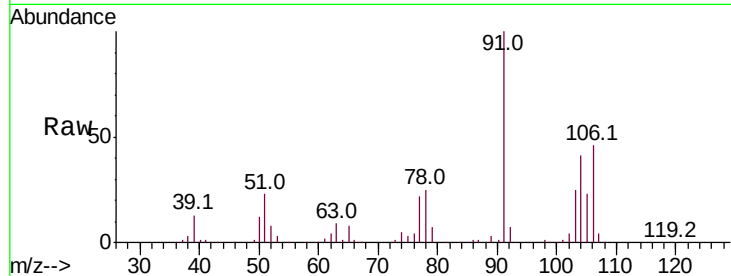
#69
o-Xylene
Concen: 20.812 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion:106 Resp: 62241
Ion Ratio Lower Upper
106 100
91 218.7 110.4 331.2

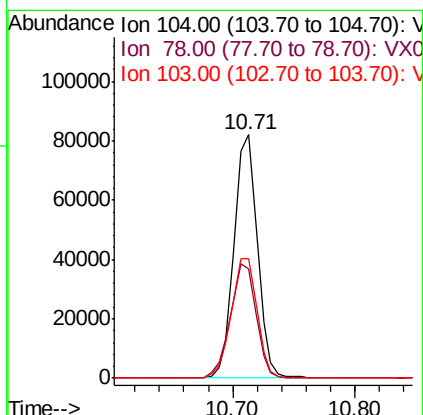
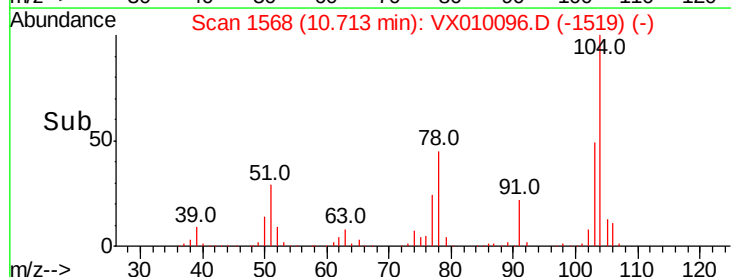
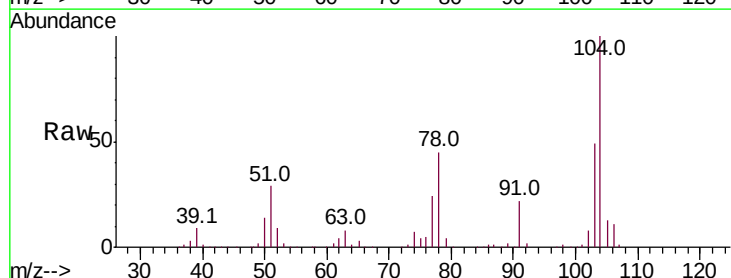
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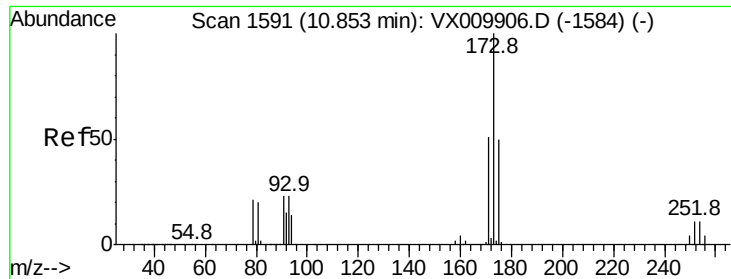
MMDadoda
6/6/2019 10:12:06 AM



#70
Styrene
Concen: 20.593 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion:104 Resp: 107990
Ion Ratio Lower Upper
104 100
78 52.1 42.1 63.1
103 55.0 44.1 66.1





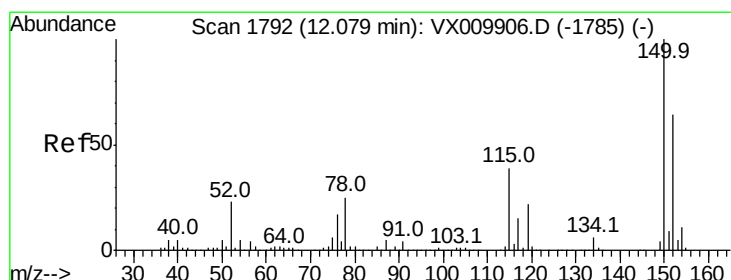
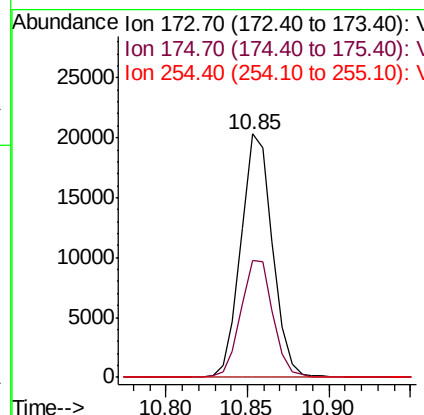
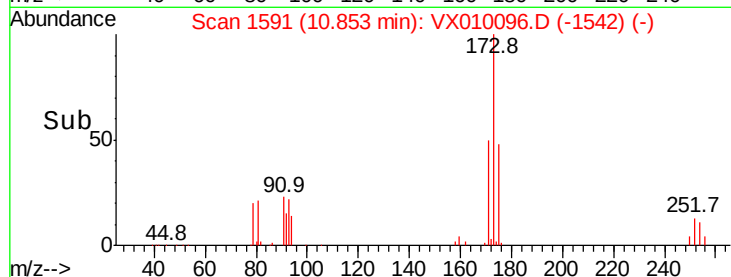
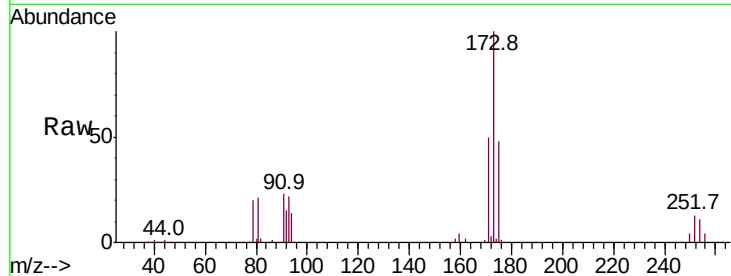
#71
Bromoform
Concen: 20.498 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	25.0	75.0
254	0.0	0.2	0.2

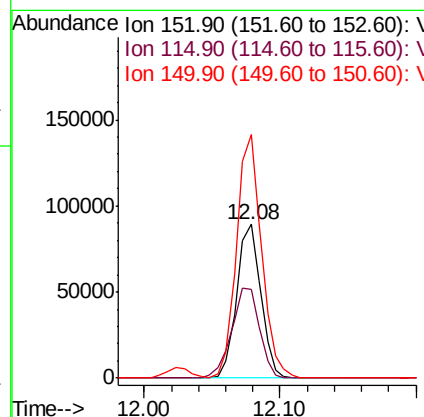
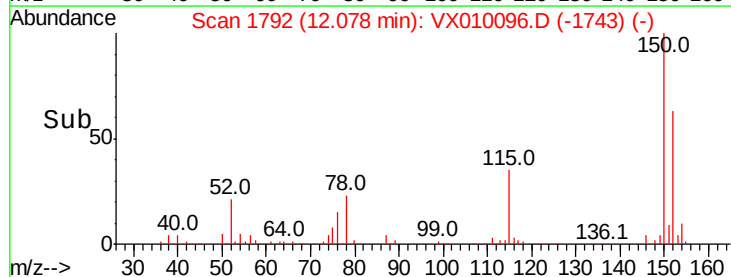
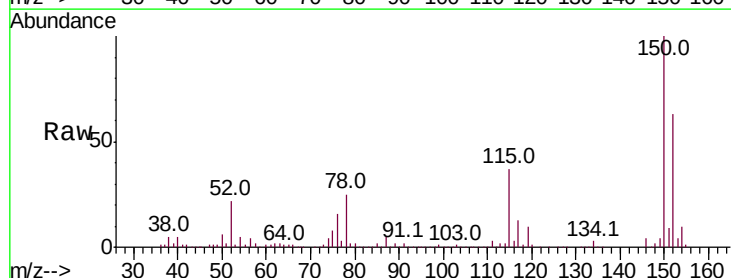
Manual Integrations
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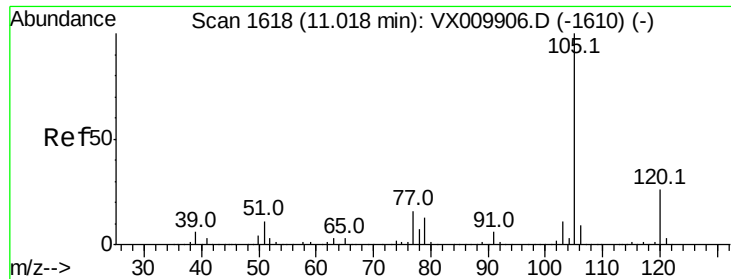
MMDadoda
6/6/2019 10:12:06 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.4	41.4	124.2
150	164.0	0.0	345.2





#73

Isopropylbenzene

Concen: 20.498 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion:105 Resp: 166741

Ion Ratio Lower Upper

105 100

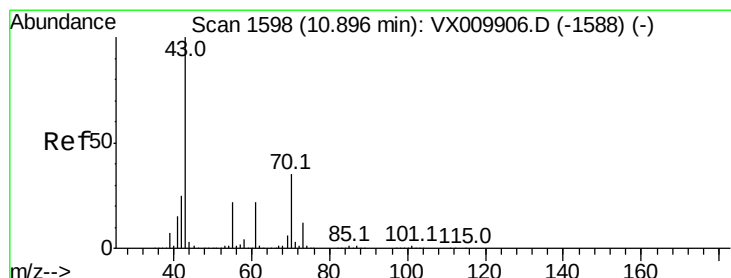
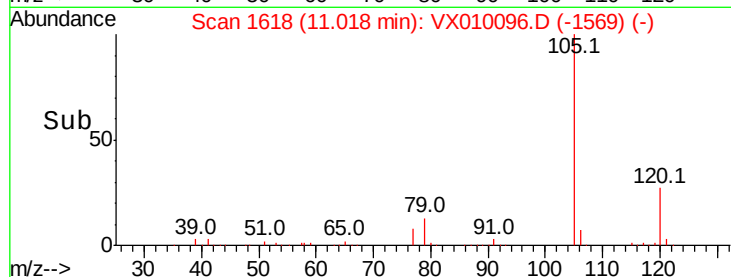
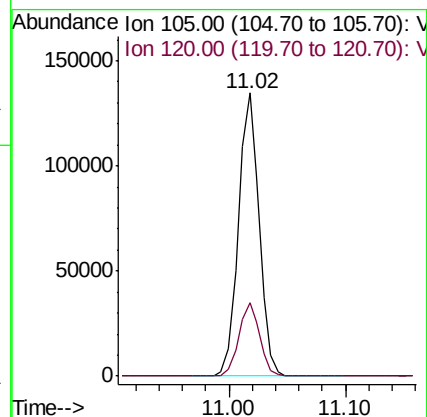
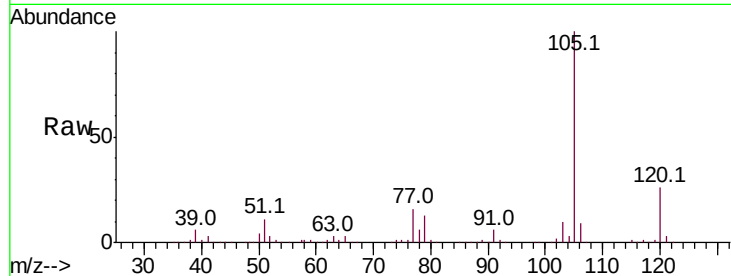
120 26.0 12.8 38.4

Manual Integrations

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6/6/2019 10:12:06 AM



#74

N-ethyl acetate

Concen: 19.791 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Tgt Ion: 43 Resp: 96200

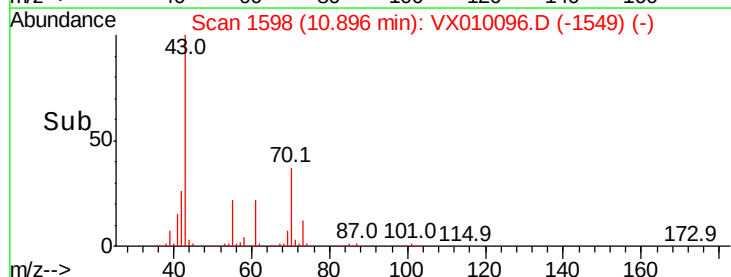
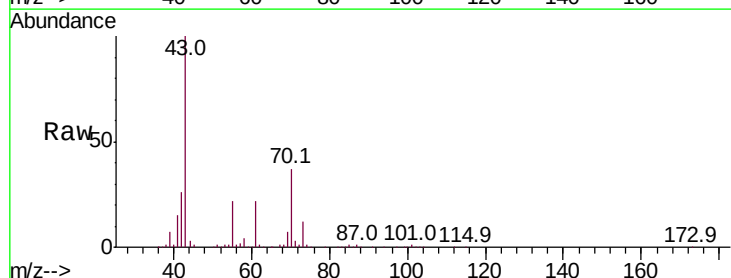
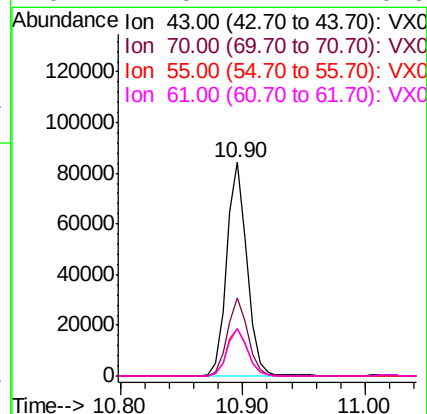
Ion Ratio Lower Upper

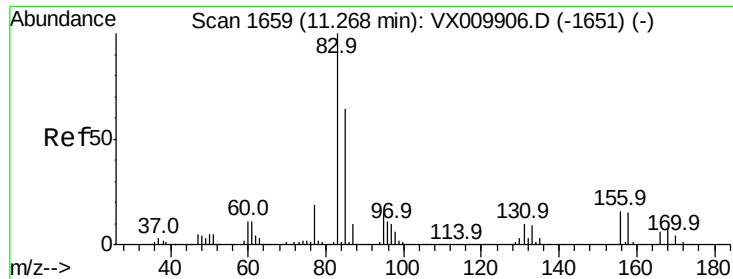
43 100

70 37.1 28.6 43.0

55 23.3 17.8 26.8

61 22.5 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.204 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

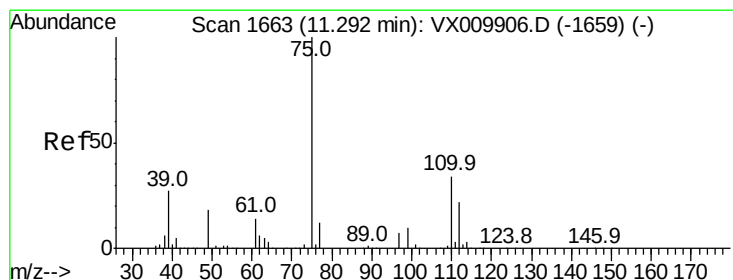
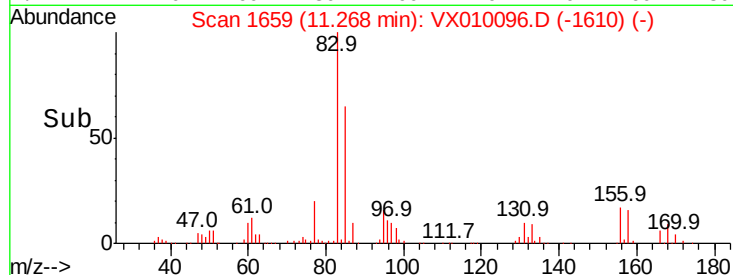
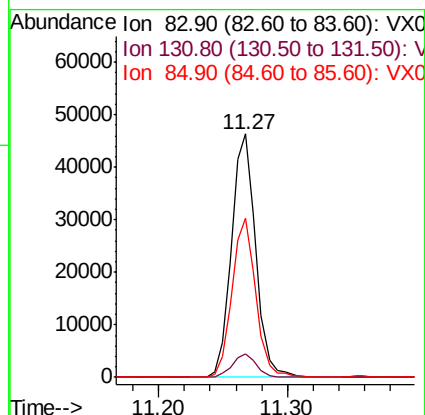
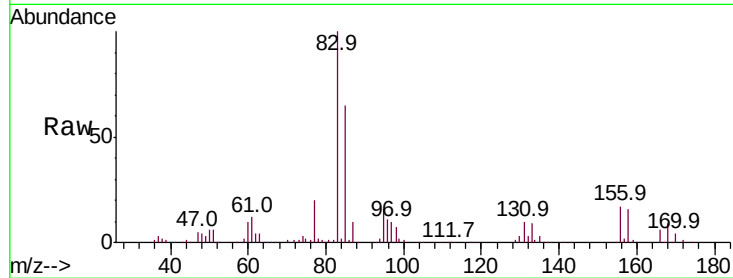
ClientSampleId :

VX0605WBSD02

Tot Ion:	83	Resp:	61314
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.7	14.1
85	64.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.185 ug/l m

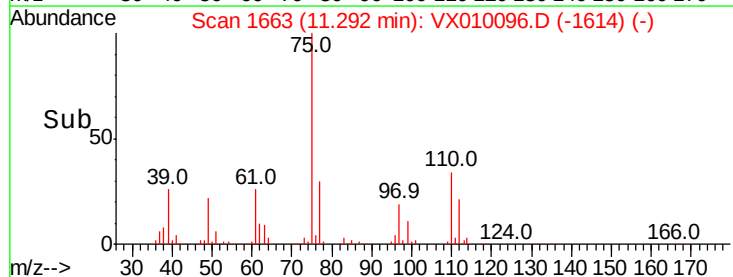
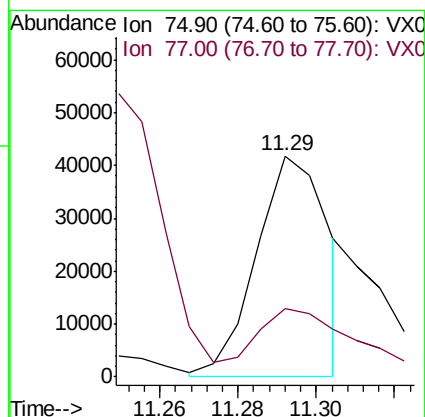
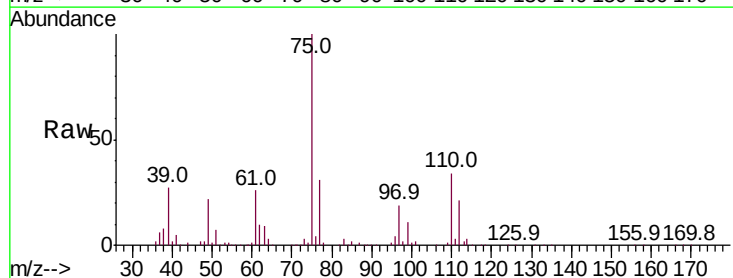
RT: 11.29 min Scan# 1663

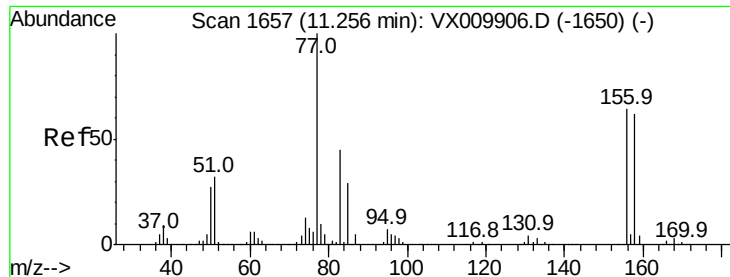
Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Tgt Ion:	75	Resp:	53214
Ion	Ratio	Lower	Upper
75	100		
77	43.0	22.1	66.1





#77

Bromobenzene

Concen: 20.340 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

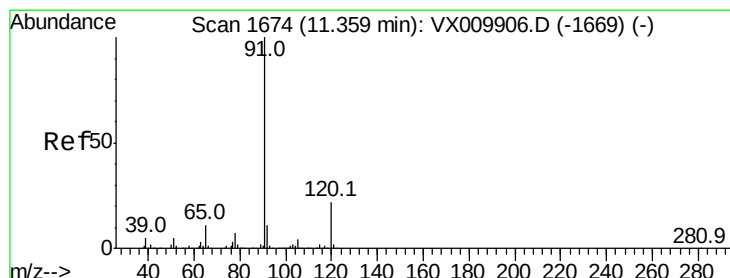
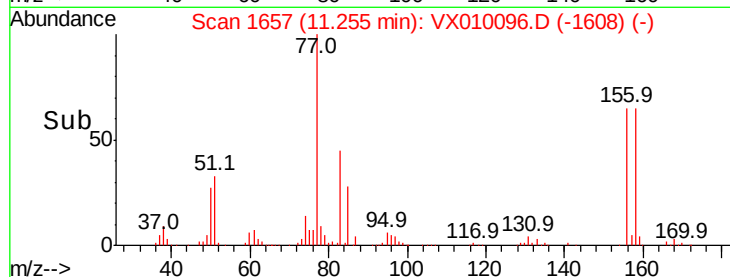
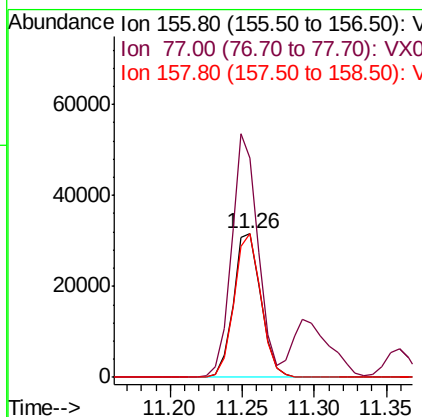
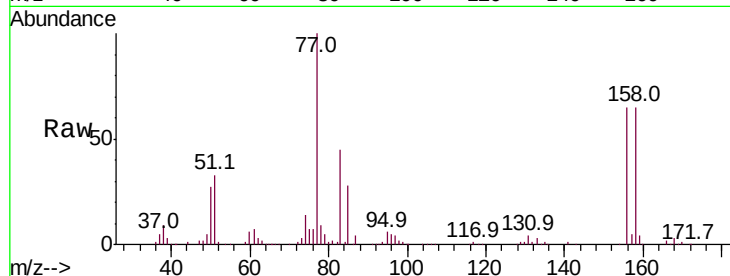
ClientSampled :

VX0605WBSD02

Tot Ion:	156	Resp:	42164
Ion	Ratio	Lower	Upper
156	100		
77	162.9	86.8	260.3
158	97.4	49.6	148.8

Manual Integrations
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#78

n-propylbenzene

Concen: 20.086 ug/l

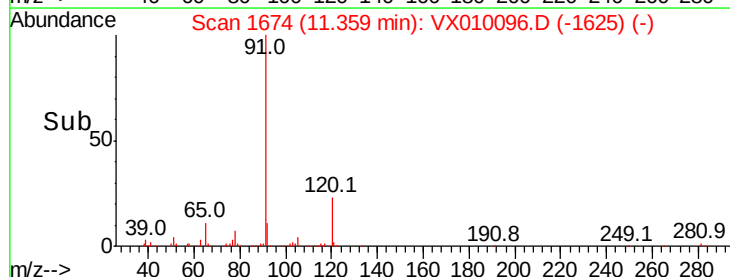
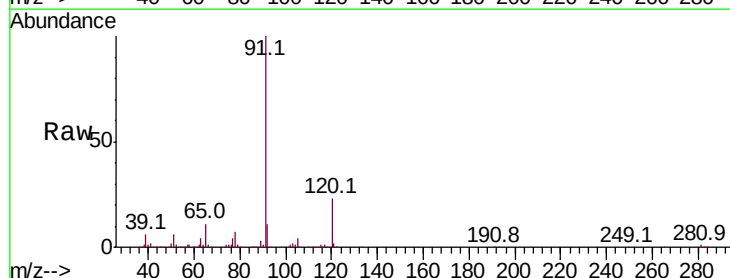
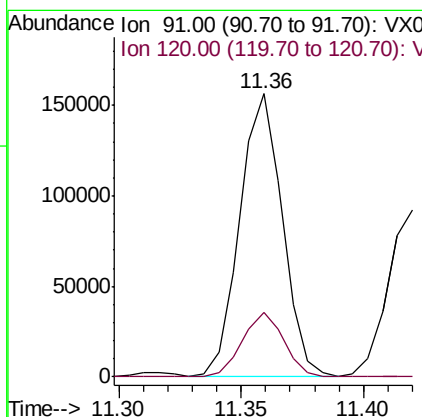
RT: 11.36 min Scan# 1674

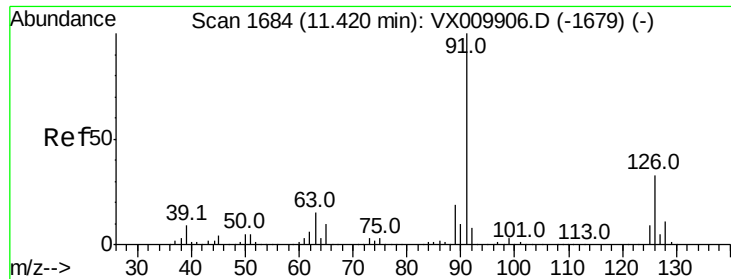
Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Tgt Ion:	91	Resp:	188328
Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.3





#79

2-Chlorotoluene

Concen: 19.856 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampled :

VX0605WBSD02

Tot Ion: 91 Resp: 113744

Ion Ratio Lower Upper

91 100

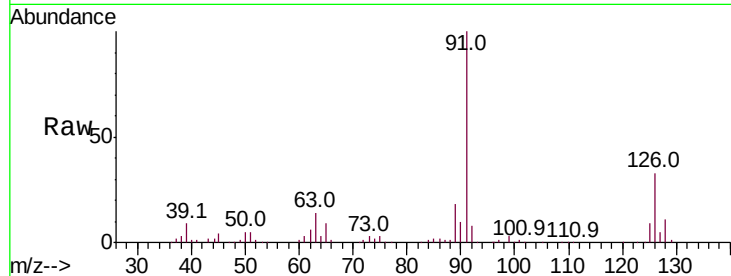
126 33.3 16.1 48.3

Manual Integrations

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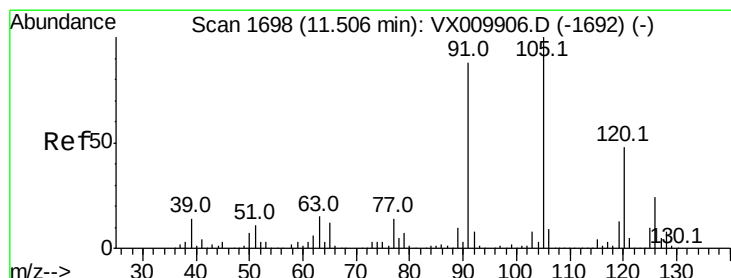
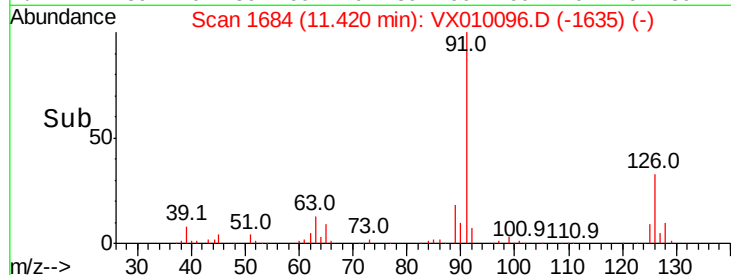
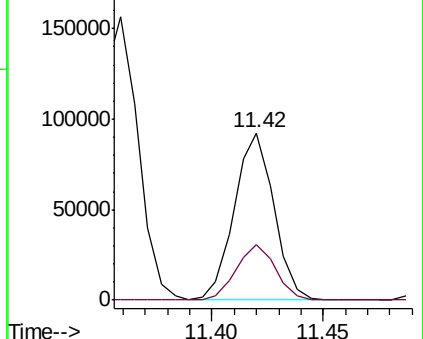
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.419 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010096.D

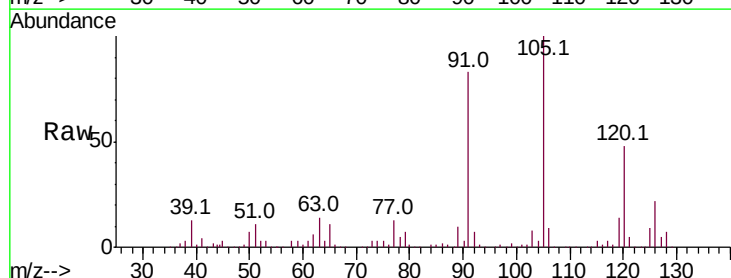
Acq: 05 Jun 2019 23:52

Tgt Ion:105 Resp: 139928

Ion Ratio Lower Upper

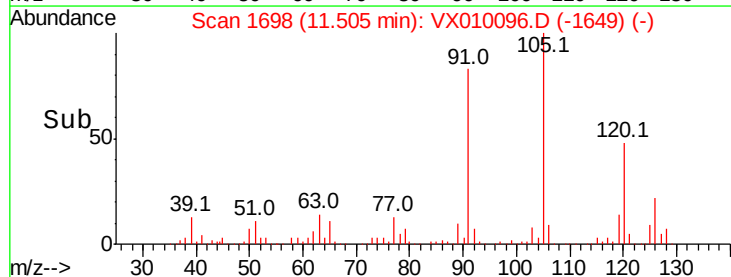
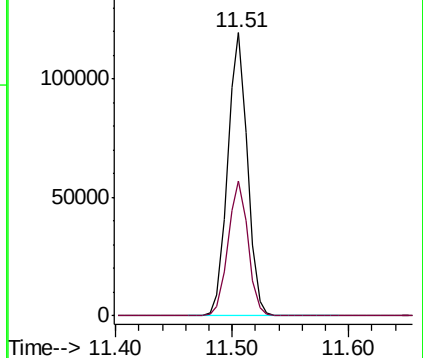
105 100

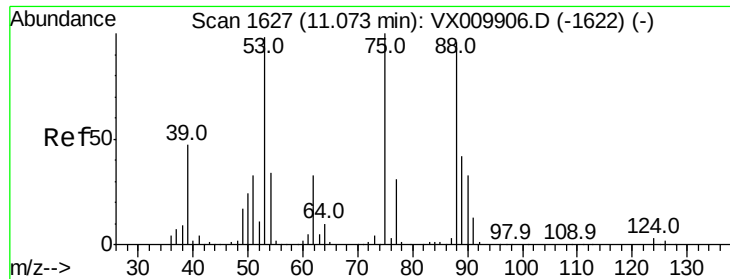
120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





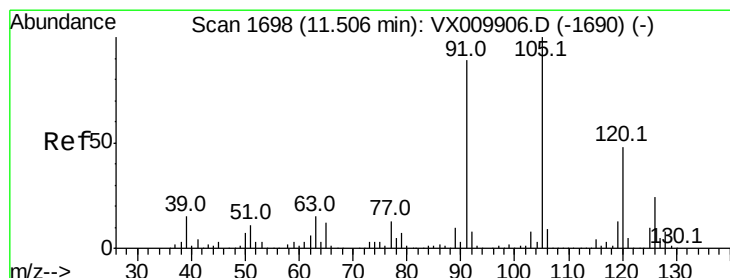
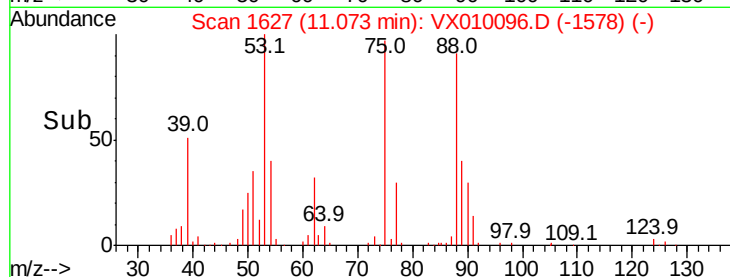
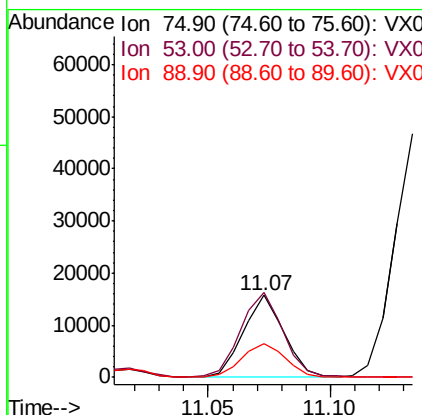
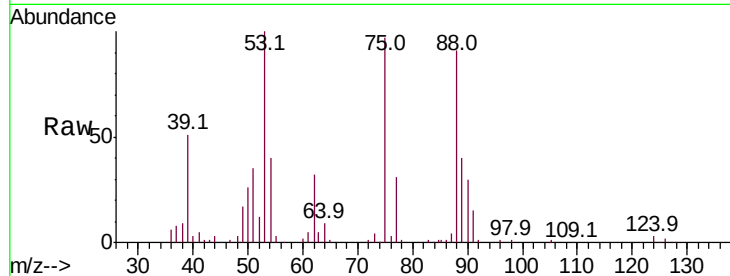
#81
trans-1,4-Dichloro-2-butene
Concen: 17.336 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion: 75 Resp: 18473
Ion Ratio Lower Upper
75 100
53 106.8 79.8 119.6
89 44.2 34.2 51.4

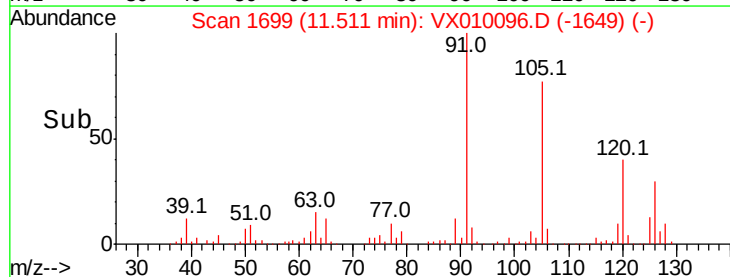
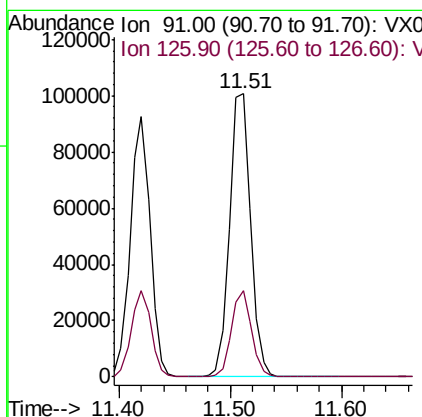
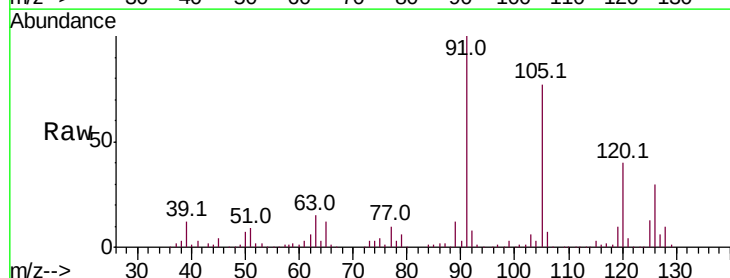
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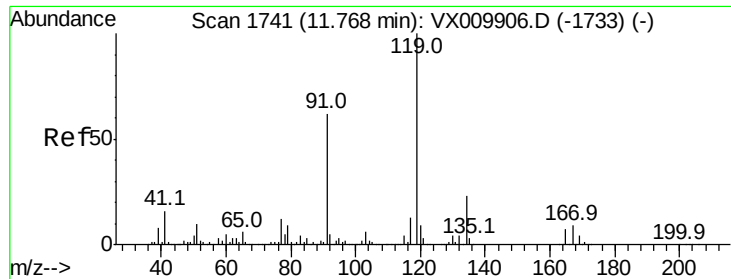
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.803 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion: 91 Resp: 132062
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





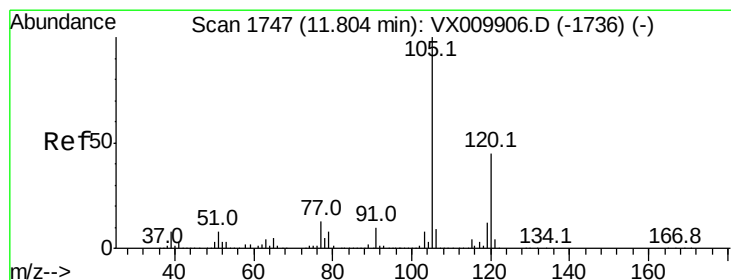
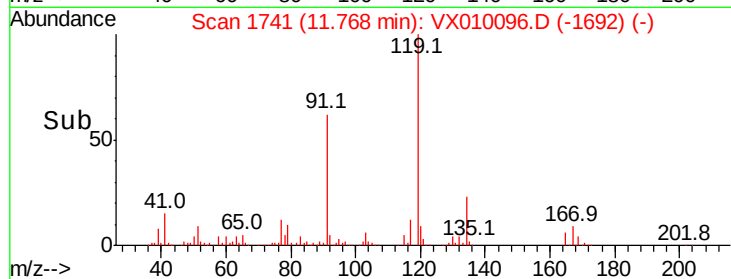
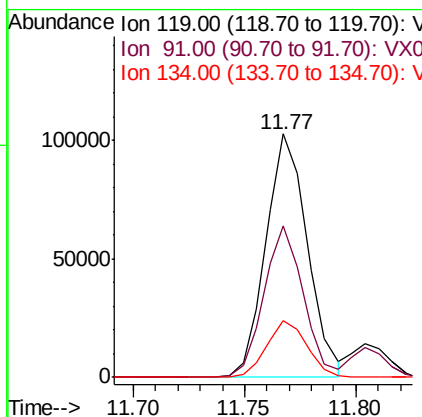
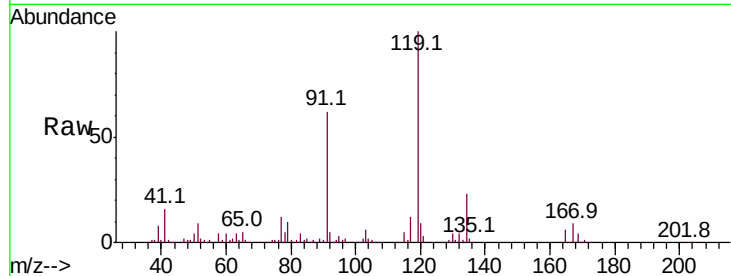
#83
 tert-Butylbenzene
 Concen: 20.305 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0605WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	133125		
91	59.3	30.0	90.0	
134	22.8	11.2	33.5	

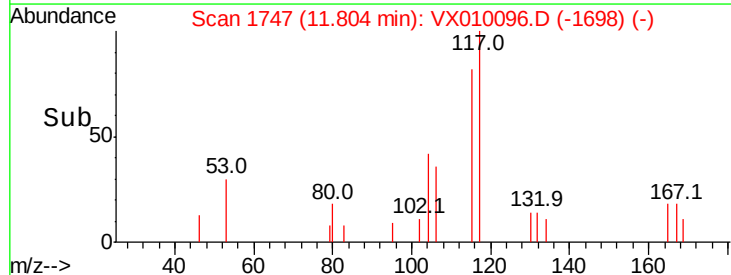
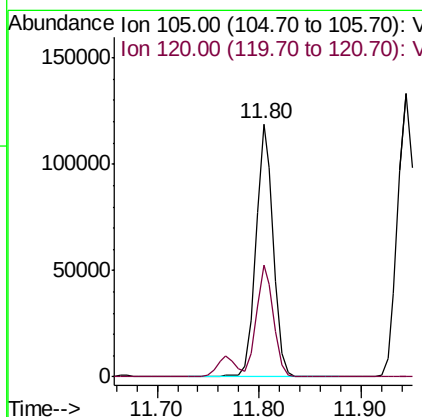
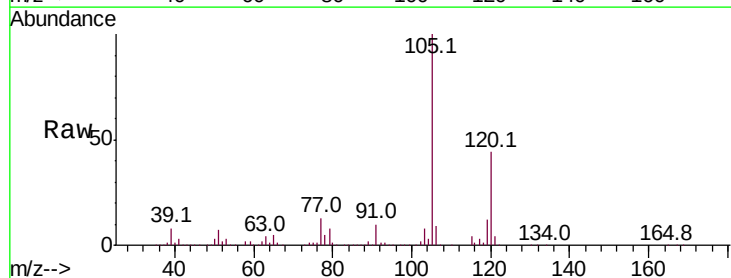
Manual Integrations
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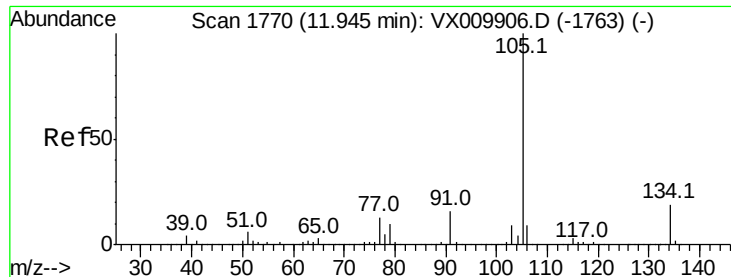
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 6/6/2019 10:12:06 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.431 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	142185		
120	43.4	22.1	66.1	





#85

sec-Butylbenzene

Concen: 20.344 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion:105 Resp: 158674

Ion Ratio Lower Upper

105 100

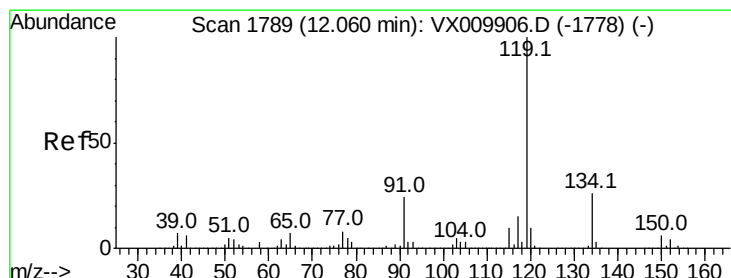
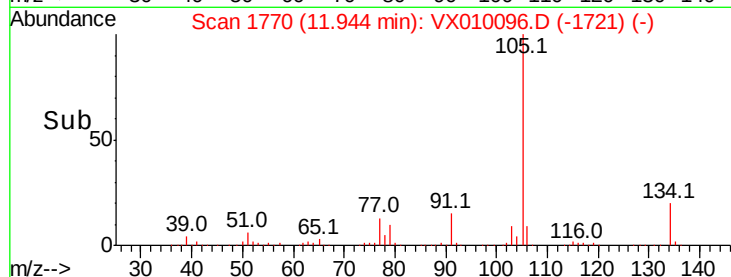
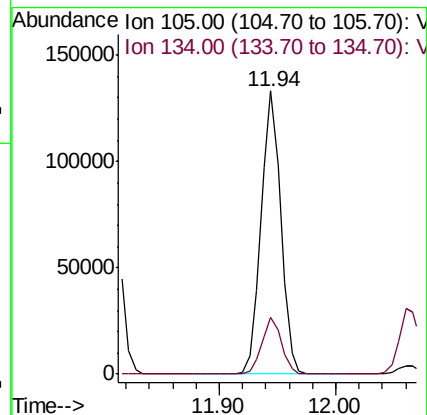
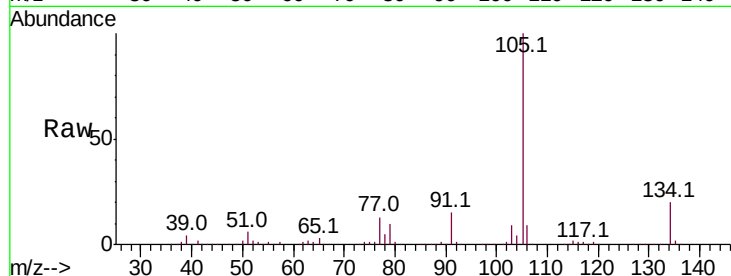
134 19.6 9.7 28.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.552 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

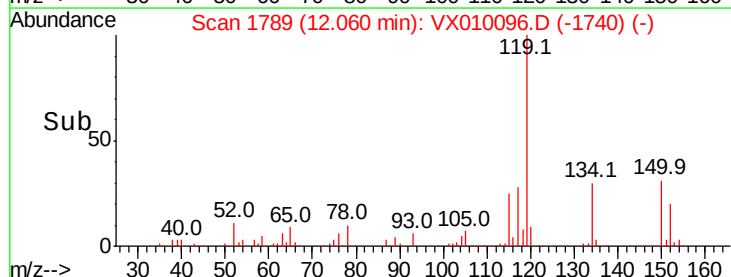
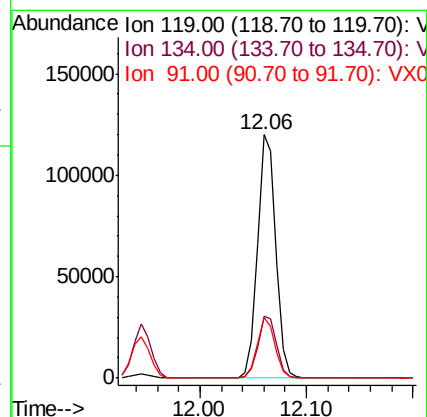
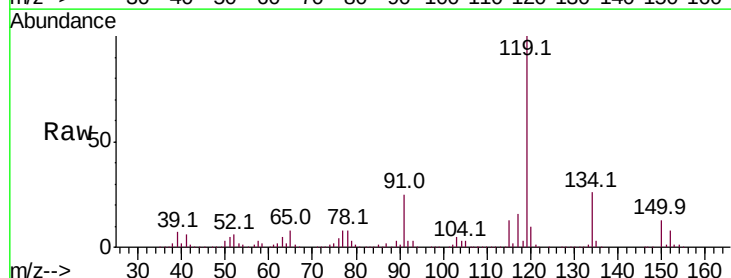
Tgt Ion:119 Resp: 144187

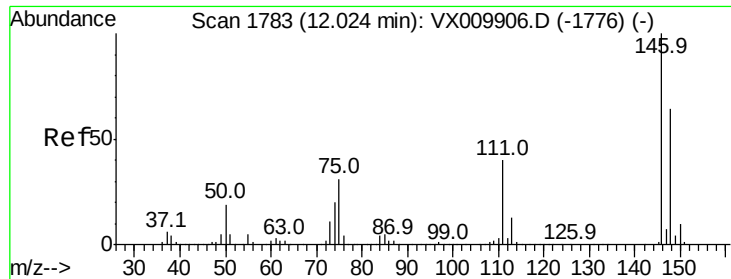
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.4 11.9 35.9





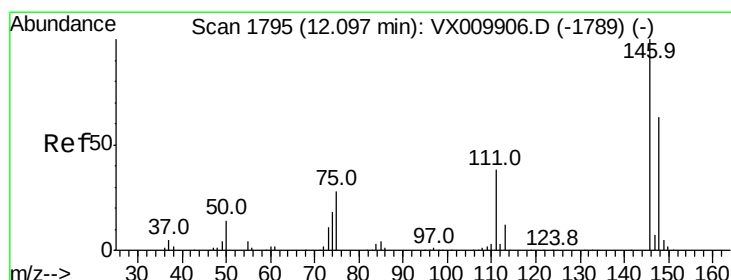
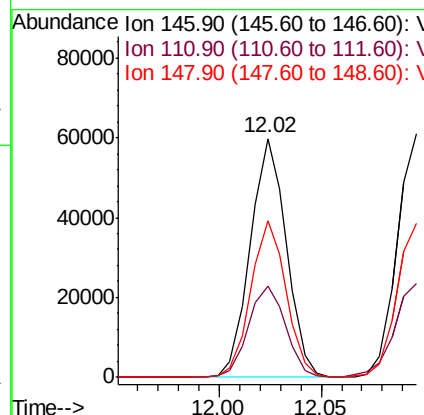
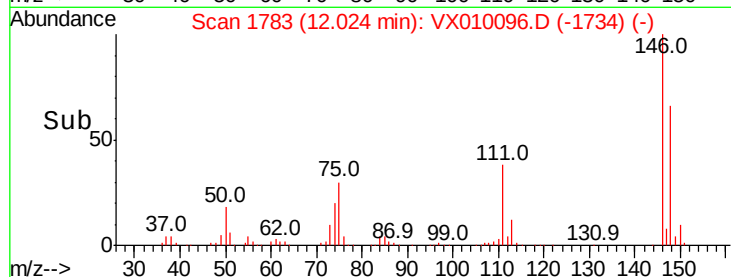
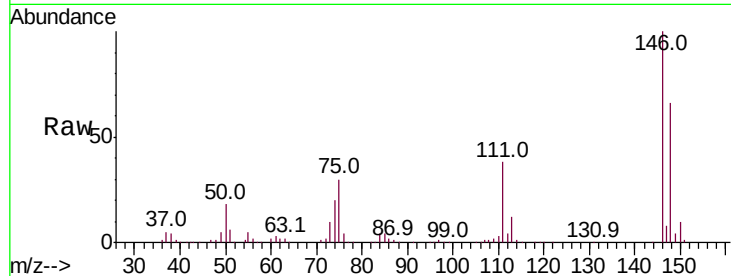
#87
 1,3-Dichlorobenzene
 Concen: 19.909 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.1	60.2
148	64.4	31.9	95.5

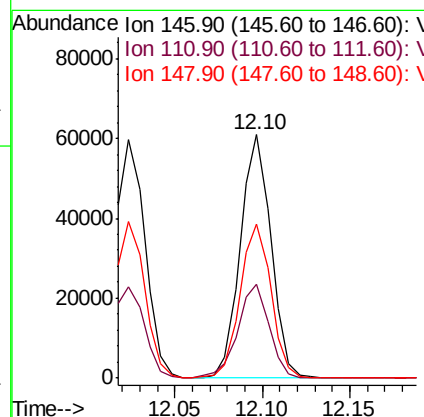
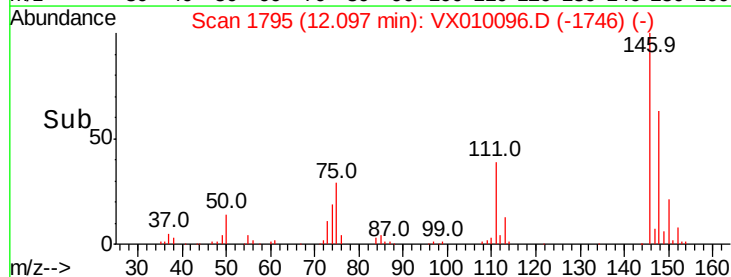
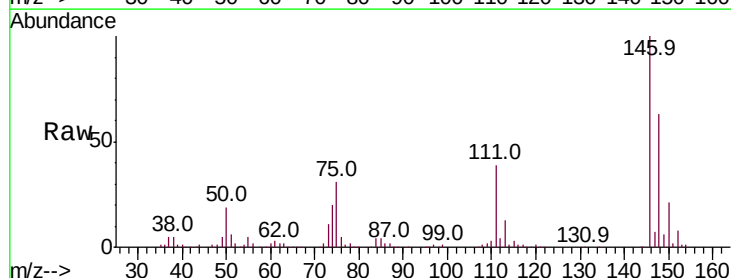
Manual Integrations
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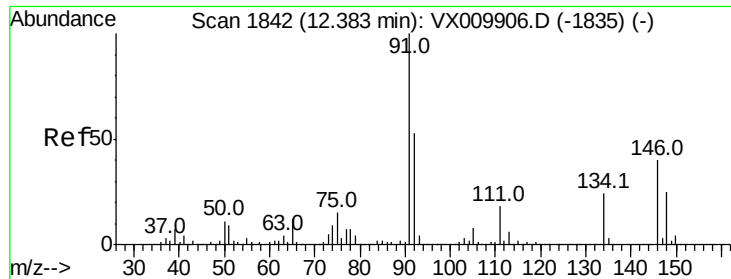
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#88
 1,4-Dichlorobenzene
 Concen: 19.687 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	64.1	32.3	96.9





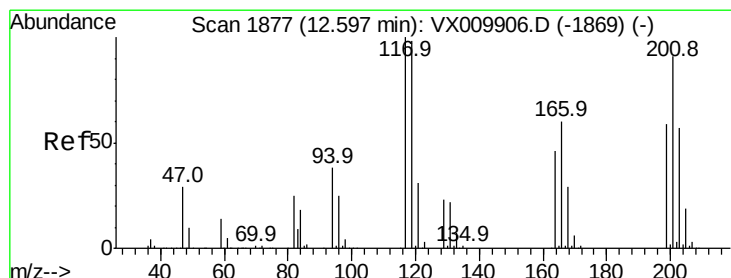
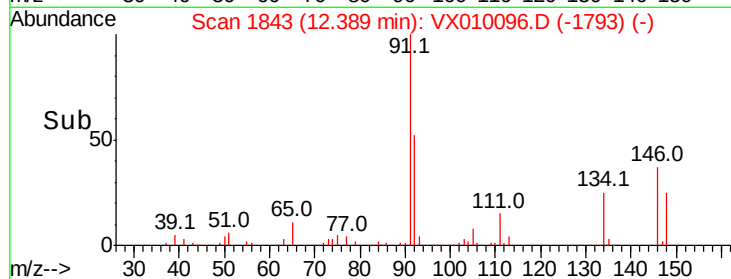
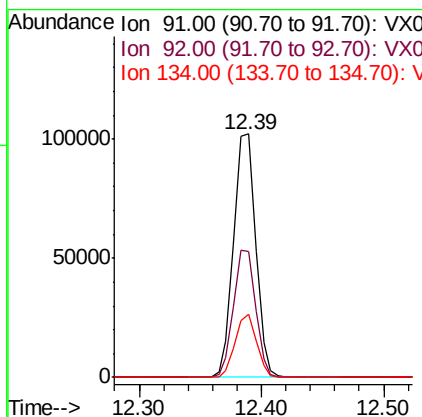
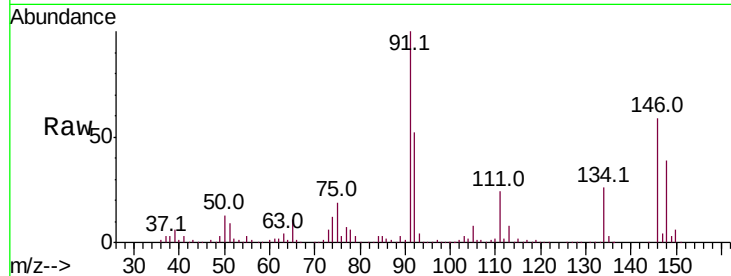
#89
n-Butylbenzene
Concen: 19.332 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.3	78.8
134	25.0	12.3	36.8

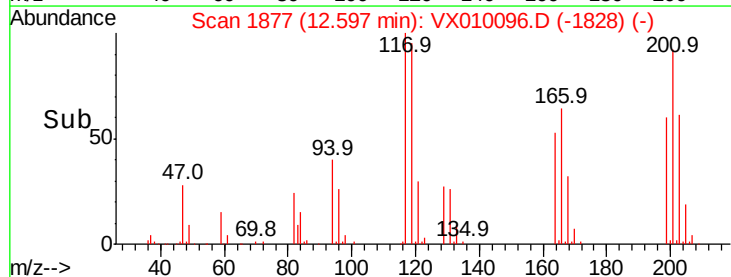
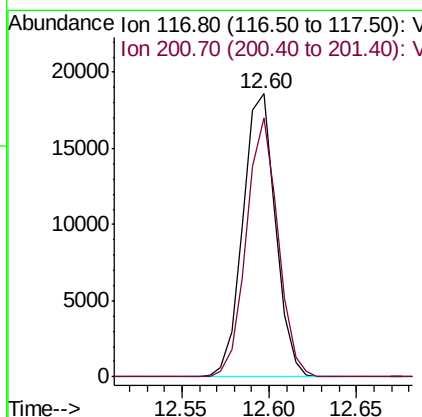
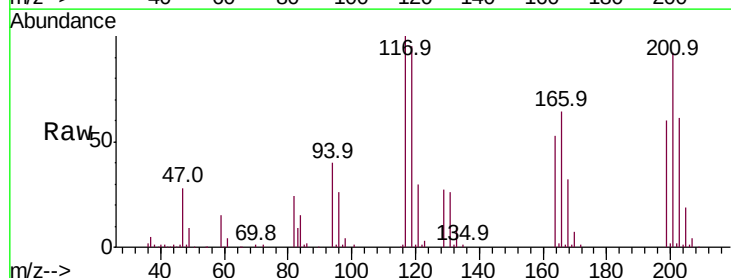
Manual Integrations
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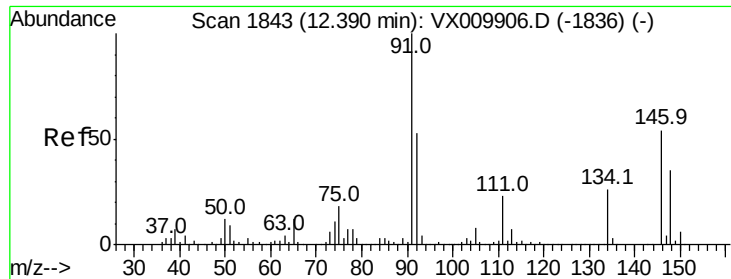
MMDadoda
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#90
Hexachloroethane
Concen: 20.012 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	43.6	130.9





#91

1,2-Dichlorobenzene

Concen: 20.454 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Instrument :

MSVOA_X

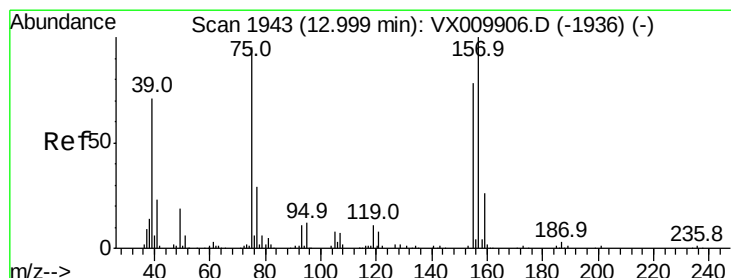
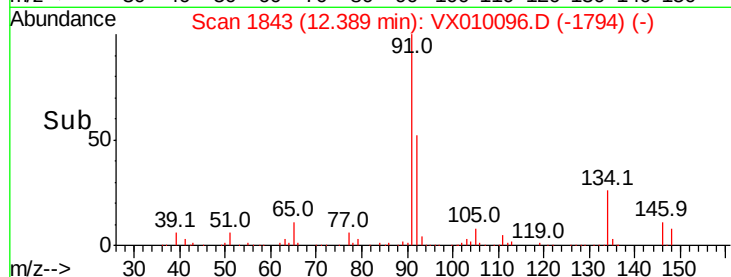
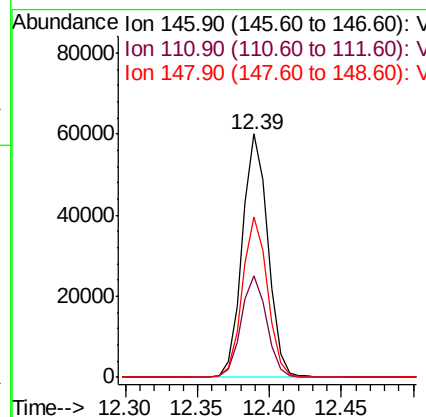
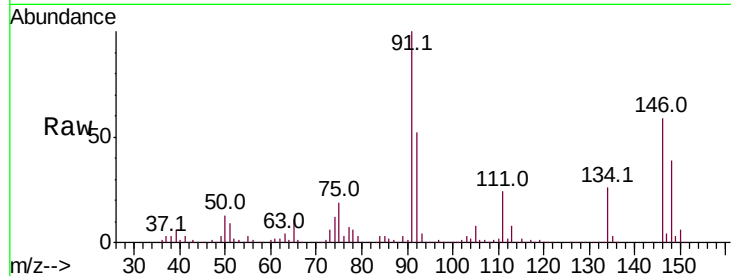
ClientSampleId :

VX0605WBSD02

Tot Ion:	146	Resp:	74425
Ion Ratio	Lower	Upper	
146	100		
111	41.4	21.1	63.1
148	64.6	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.388 ug/l

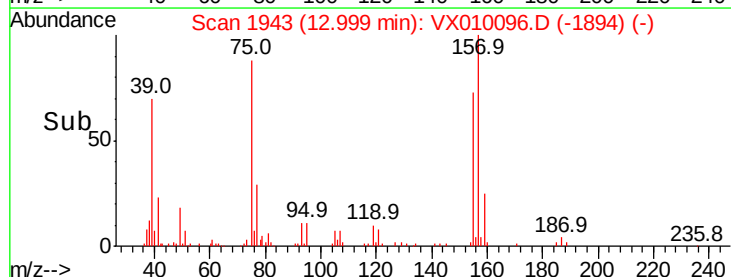
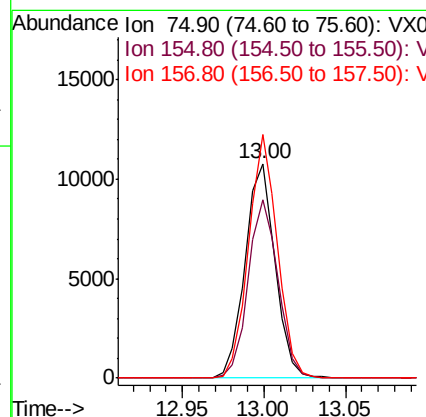
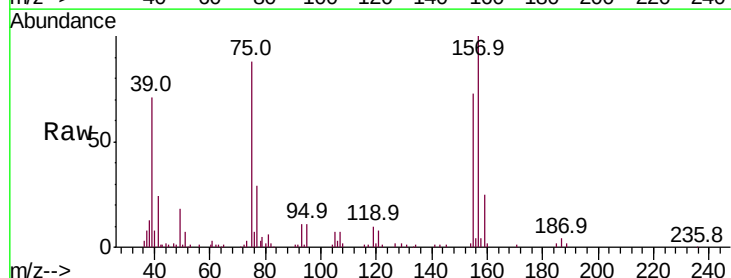
RT: 13.00 min Scan# 1943

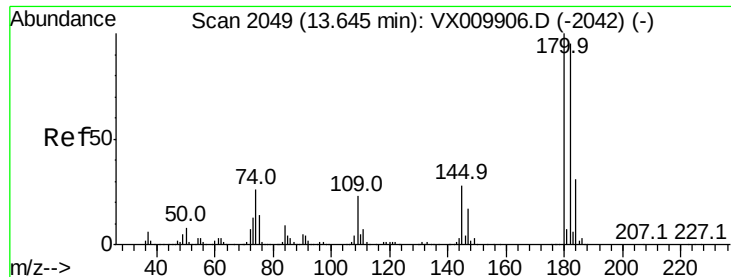
Delta R.T. -0.00 min

Lab File: VX010096.D

Acq: 05 Jun 2019 23:52

Tgt Ion:	75	Resp:	13849
Ion Ratio	Lower	Upper	
75	100		
155	82.4	39.3	117.8
157	108.5	50.6	151.8





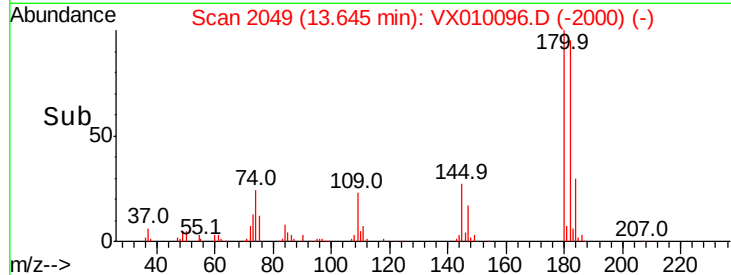
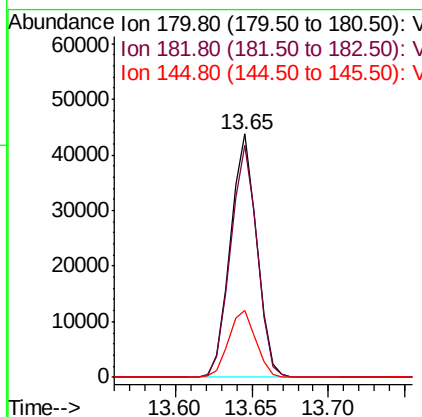
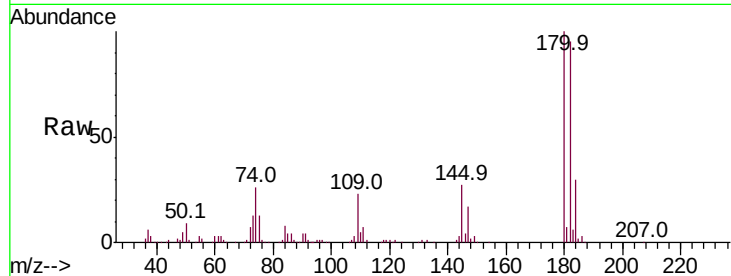
#93
 1,2,4-Trichlorobenzene
 Concen: 20.118 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	52312		
182	95.8		47.4	142.2
145	28.5		14.5	43.5

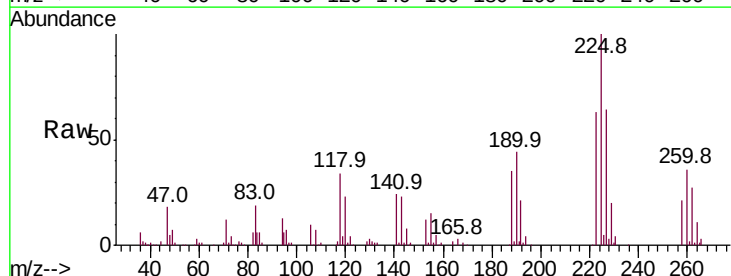
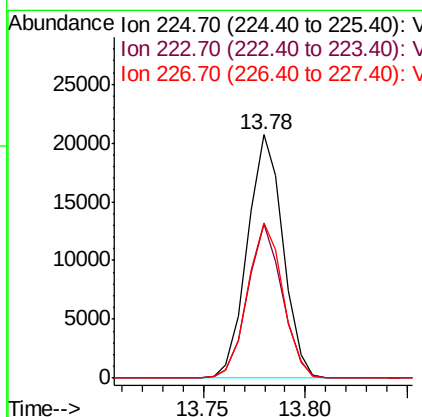
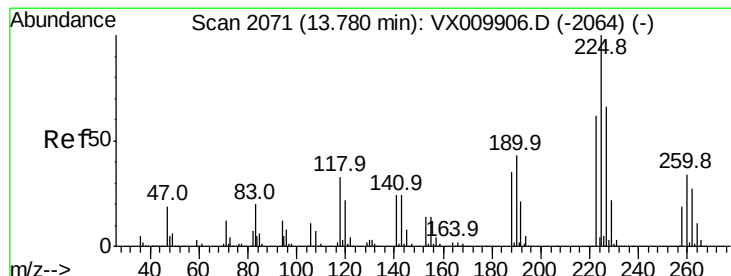
Manual Integrations
 APPROVED

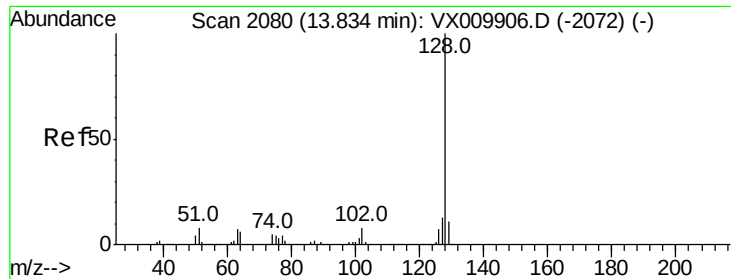
MMDadoda
 6/6/2019 10:12:06 AM



#94
 Hexachlorobutadiene
 Concen: 19.197 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010096.D
 Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25037		
223	61.5		31.3	93.8
227	63.7		32.3	96.8





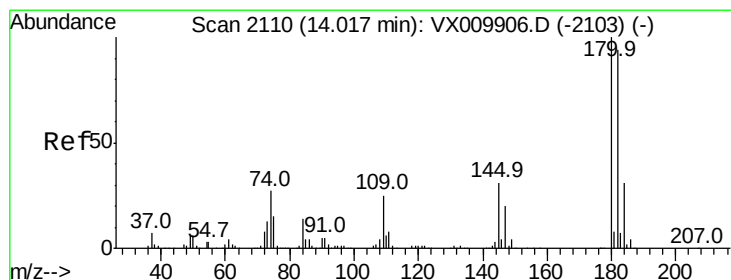
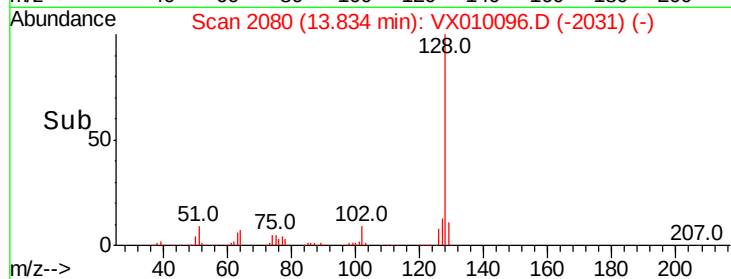
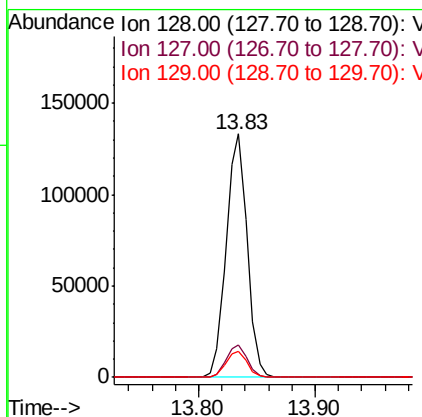
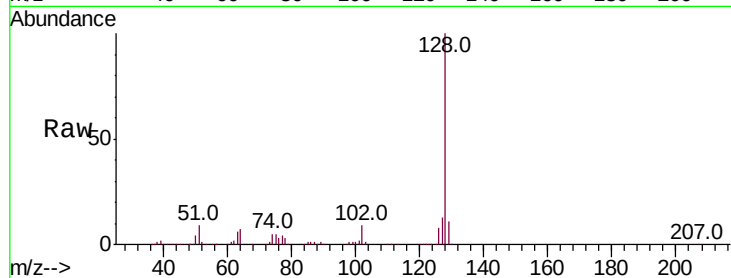
#95
Naphthalene
Concen: 20.508 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/6/2019 10:12:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.034 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010096.D
Acq: 05 Jun 2019 23:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	142.0
145	31.0	15.6	46.7

