

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010376.D
 Acq On : 21 Jun 2019 11:54
 Operator : JC/SP
 Sample : VX0621WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2019 11:23:03 AM

Quant Time: Jun 21 23:26:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	295815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	432038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	382856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	197081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129417	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
35) Dibromofluoromethane	5.49	113	127141	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	8.71	98	489372	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	11.13	95	170938	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36864	17.925	ug/l	99
3) Chloromethane	1.33	50	41635	17.386	ug/l	100
4) Vinyl Chloride	1.41	62	46106	17.578	ug/l	97
5) Bromomethane	1.64	94	26547	20.774	ug/l	99
6) Chloroethane	1.73	64	28271	18.269	ug/l	94
7) Trichlorofluoromethane	1.93	101	75708	18.207	ug/l	97
8) Diethyl Ether	2.18	74	27648	18.541	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47085	18.686	ug/l	99
10) Methyl Iodide	2.51	142	49843	13.860	ug/l	100
11) Tert butyl alcohol	3.04	59	59932	82.579	ug/l	98
12) 1,1-Dichloroethene	2.37	96	45176	17.619	ug/l	98
13) Acrolein	2.29	56	33399	69.372	ug/l	97
14) Allyl chloride	2.73	41	66707	18.325	ug/l	99
15) Acrylonitrile	3.14	53	126905	88.318	ug/l	100
16) Acetone	2.44	43	123515	88.858	ug/l	98
17) Carbon Disulfide	2.57	76	117845	17.131	ug/l	100
18) Methyl Acetate	2.77	43	47963	17.313	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	144965	17.972	ug/l	99
20) Methylene Chloride	2.85	84	51942	18.158	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	49671	18.012	ug/l	98
22) Diisopropyl ether	3.85	45	137310	18.041	ug/l	94
23) Vinyl Acetate	3.81	43	607330	92.370	ug/l	100
24) 1,1-Dichloroethane	3.70	63	80756	18.356	ug/l	99
25) 2-Butanone	4.67	43	179199	87.886	ug/l	97
26) 2,2-Dichloropropane	4.57	77	70178	18.363	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	57212	17.953	ug/l	99
28) Bromochloromethane	5.01	49	40881	19.436	ug/l	96
29) Tetrahydrofuran	5.12	42	108038	85.543	ug/l	98
30) Chloroform	5.21	83	85063	17.970	ug/l	95
31) Cyclohexane	5.58	56	72499	18.097	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	76009	18.186	ug/l	99
36) 1,1-Dichloropropene	5.80	75	62409	18.178	ug/l	99
37) Ethyl Acetate	4.83	43	63289	17.919	ug/l	98
38) Carbon Tetrachloride	5.78	117	68189	18.342	ug/l	98

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Manual Integrations
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MMDadoda
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85619	18.972	ug/l	98
40) Benzene	6.14	78	197648	18.479	ug/l	100
41) Methacrylonitrile	5.04	41	33812	17.448	ug/l	97
42) 1,2-Dichloroethane	6.18	62	61887	19.008	ug/l	99
43) Isopropyl Acetate	6.44	43	105135	17.992	ug/l	99
44) Trichloroethene	7.21	130	58771	18.363	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49655	18.383	ug/l	97
46) Dibromomethane	7.66	93	35989	18.571	ug/l	99
47) Bromodichloromethane	7.90	83	64814	18.250	ug/l	97
48) Methyl methacrylate	7.77	41	49693	18.295	ug/l	99
49) 1,4-Dioxane	7.74	88	28587	365.349	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	339114	90.737	ug/l	99
52) Toluene	8.78	92	130313	18.500	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	71189	17.879	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	79319	18.331	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	52737	18.154	ug/l	97
56) Ethyl methacrylate	9.18	69	78841	17.916	ug/l	99
57) 1,3-Dichloropropane	9.37	76	82938	18.392	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	190907	91.343	ug/l	100
59) 2-Hexanone	9.49	43	263178	89.474	ug/l	100
60) Dibromochloromethane	9.58	129	58095	17.861	ug/l	100
61) 1,2-Dibromoethane	9.67	107	55843	17.809	ug/l	98
64) Tetrachloroethene	9.34	164	59293	19.147	ug/l	97
65) Chlorobenzene	10.13	112	146339	18.827	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	53058	18.740	ug/l	99
67) Ethyl Benzene	10.25	91	245935	18.742	ug/l	99
68) m/p-Xylenes	10.35	106	194149	38.185	ug/l	98
69) o-Xylene	10.69	106	93444	18.688	ug/l	99
70) Styrene	10.71	104	158919	18.952	ug/l	100
71) Bromoform	10.85	173	44396	18.032	ug/l #	99
73) Isopropylbenzene	11.02	105	249361	18.665	ug/l	100
74) N-amyl acetate	10.90	43	93521	18.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	80279	18.145	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67395m	18.766	ug/l	
77) Bromobenzene	11.26	156	69027	18.504	ug/l	99
78) n-propylbenzene	11.36	91	279494	19.035	ug/l	100
79) 2-Chlorotoluene	11.42	91	160604	18.369	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	209213	18.996	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25472	16.546	ug/l	97
82) 4-Chlorotoluene	11.51	91	184423	18.537	ug/l	98
83) tert-Butylbenzene	11.77	119	207548	18.776	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	208875	18.877	ug/l	98
85) sec-Butylbenzene	11.94	105	251324	19.364	ug/l	100
86) p-Isopropyltoluene	12.06	119	230440	19.195	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	121670	18.685	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121410	18.314	ug/l	99
89) n-Butylbenzene	12.38	91	197641	19.374	ug/l	99
90) Hexachloroethane	12.59	117	38635	18.612	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	122495	18.928	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16006	16.779	ug/l	97

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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
VX0621WBS01

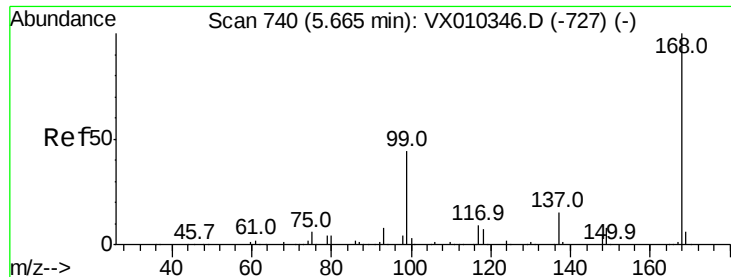
Manual Integrations
APPROVED

MMDadoda
6/24/2019 11:23:03 AM

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87517	19.500	ug/l	98
94) Hexachlorobutadiene	13.78	225	42367	19.315	ug/l	98
95) Naphthalene	13.83	128	260018	18.853	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	87116	19.523	ug/l	98

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



#1

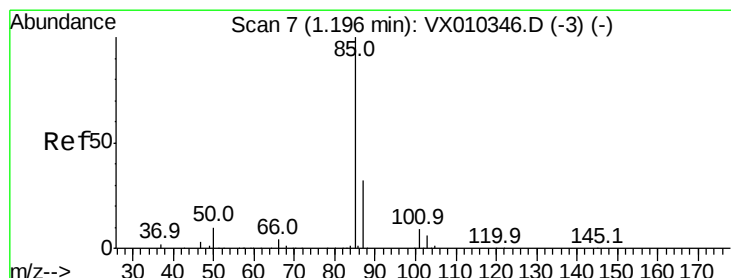
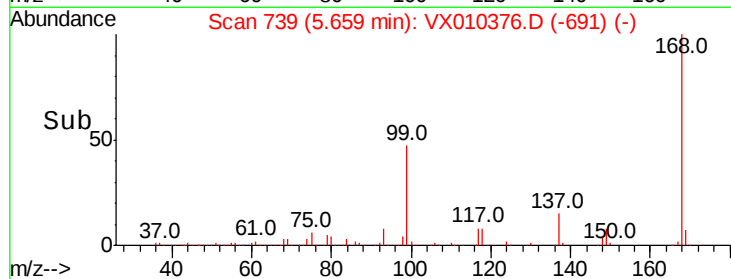
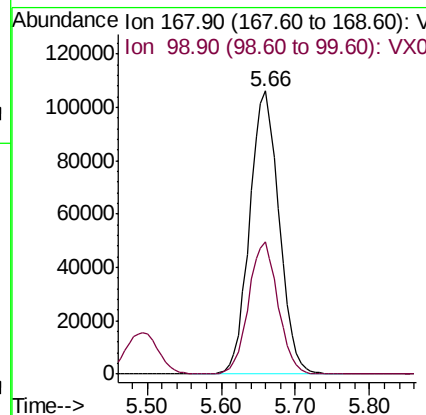
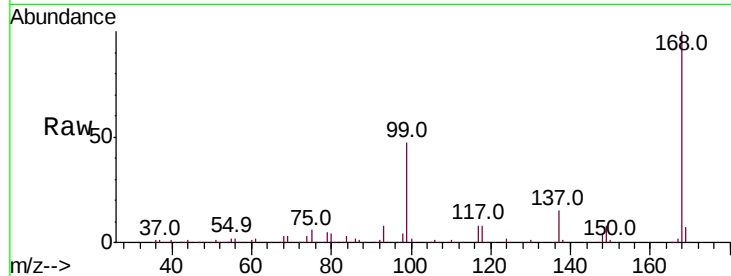
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	295815		
99	46.8	35.5	53.3	

Manual Integrations
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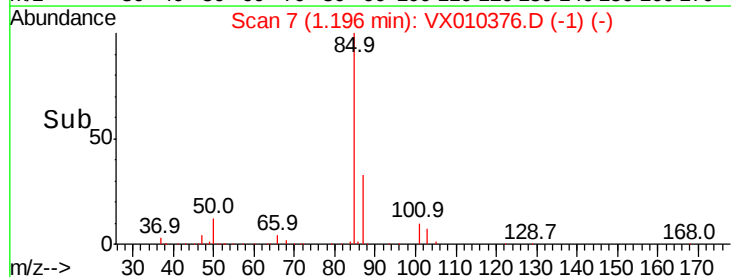
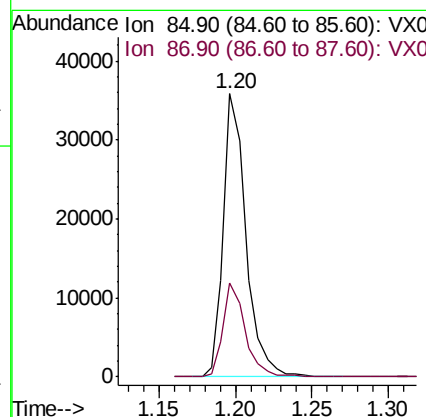
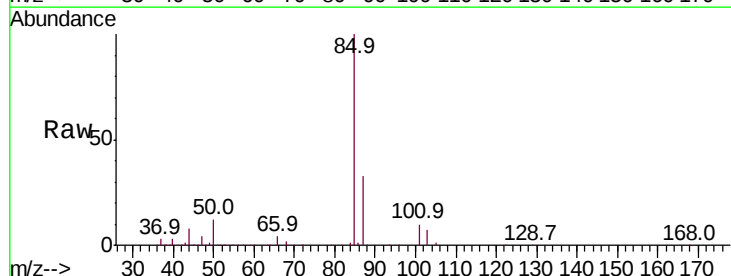
MMDadoda
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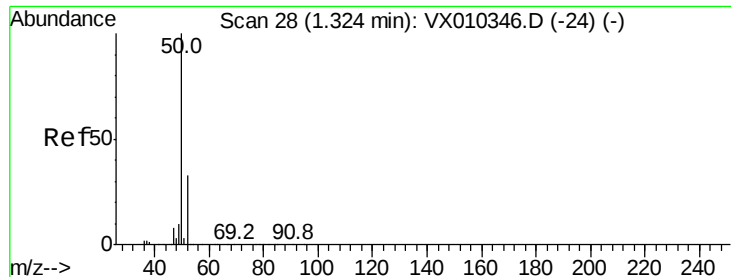


#2

Dichlorodifluoromethane
Concen: 17.925 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	36864		
87	33.1	16.3	48.8	





#3

Chloromethane

Concen: 17.386 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 50 Resp: 41635

Ion Ratio Lower Upper

50 100

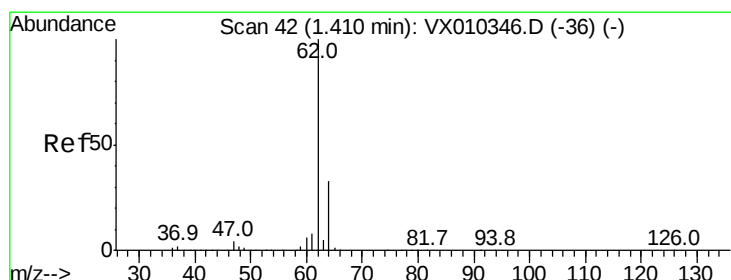
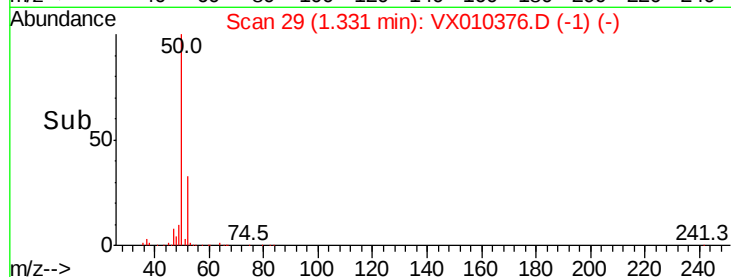
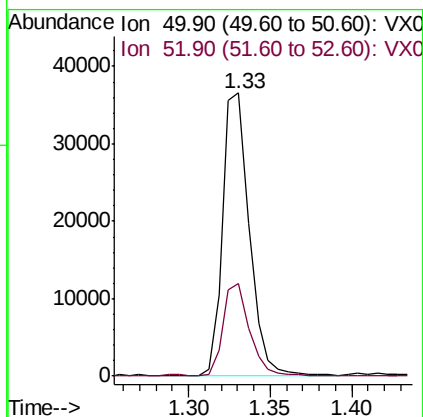
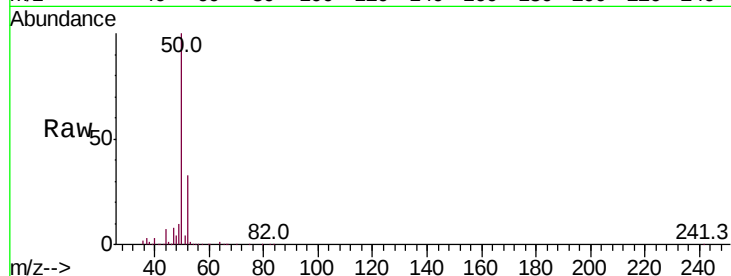
52 32.9 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.578 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010376.D

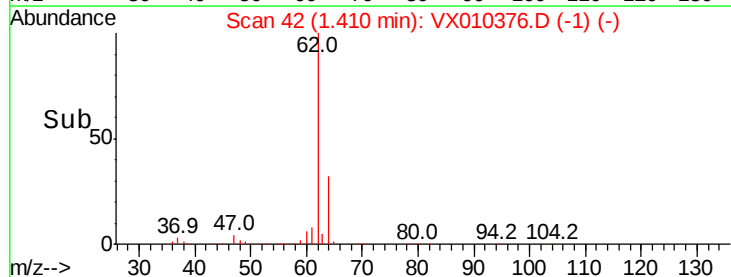
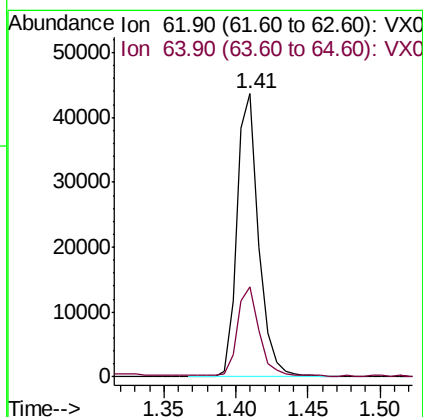
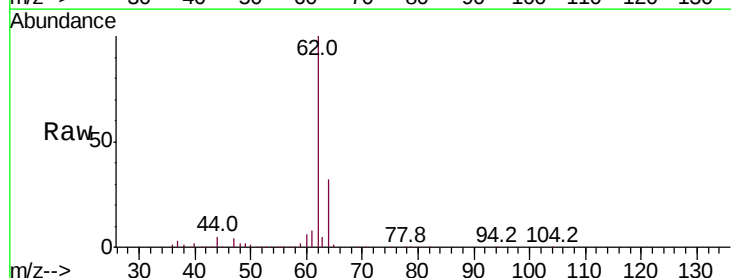
Acq: 21 Jun 2019 11:54

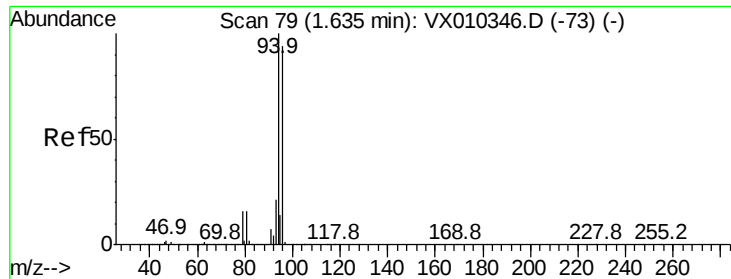
Tgt Ion: 62 Resp: 46106

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.4





#5

Bromomethane

Concen: 20.774 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 94 Resp: 26547

Ion Ratio Lower Upper

94 100

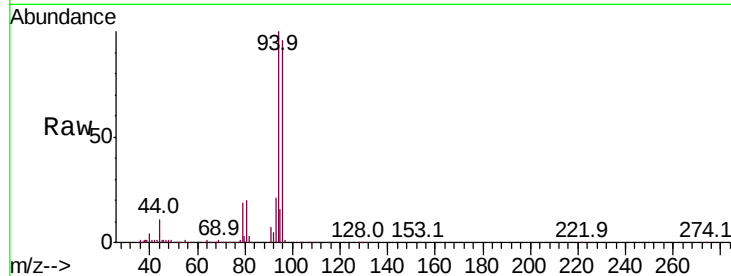
96 95.6 75.5 113.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

10000

5000

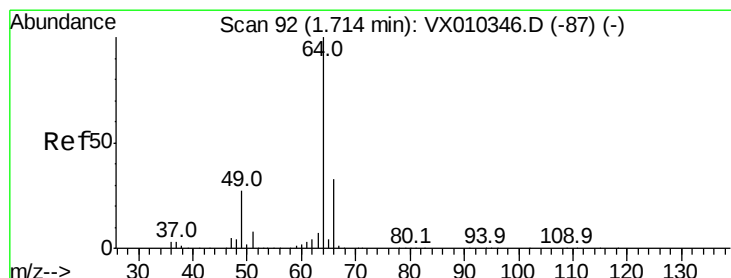
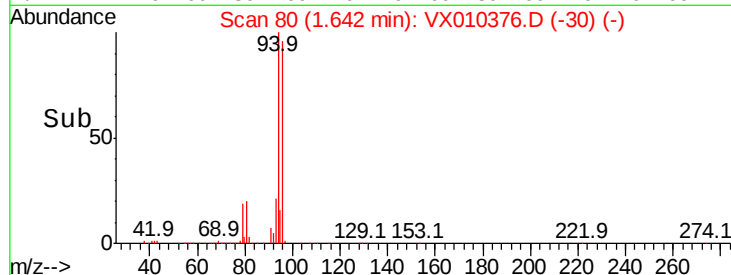
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 18.269 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010376.D

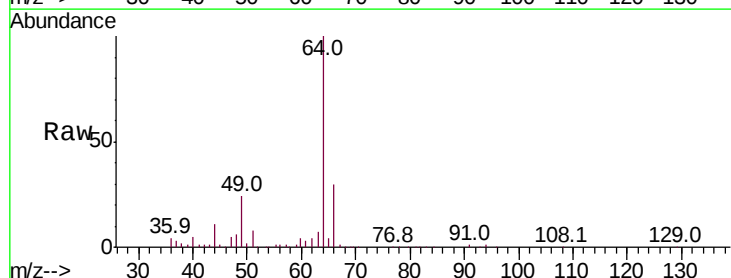
Acq: 21 Jun 2019 11:54

Tgt Ion: 64 Resp: 28271

Ion Ratio Lower Upper

64 100

66 29.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

10000

5000

0

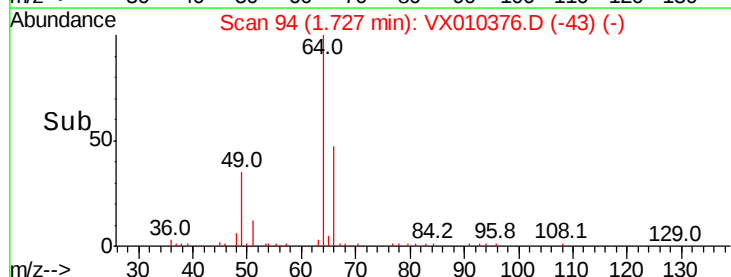
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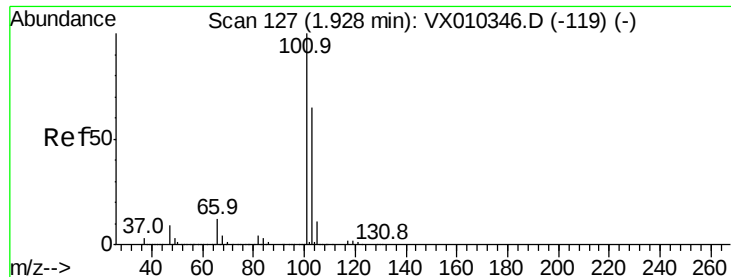
1.70

1.75

1.80

Time-->





#7

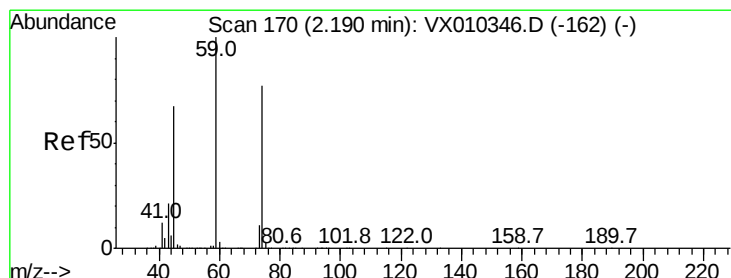
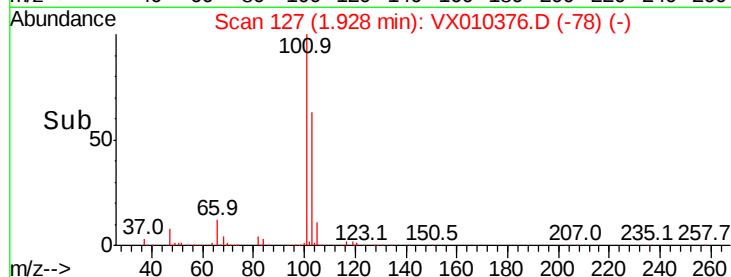
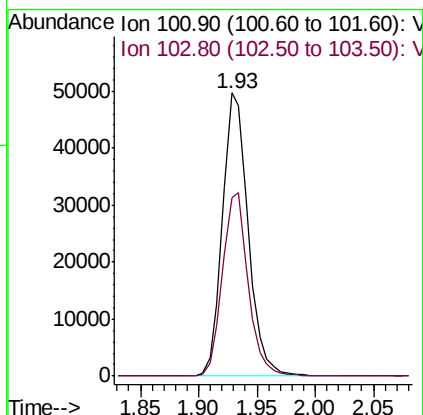
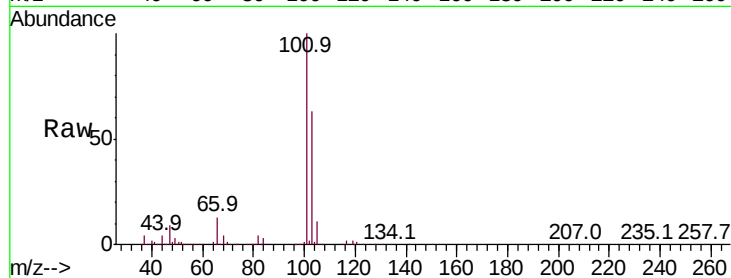
Trichlorofluoromethane
Concen: 18.207 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.3	78.5

Manual Integrations
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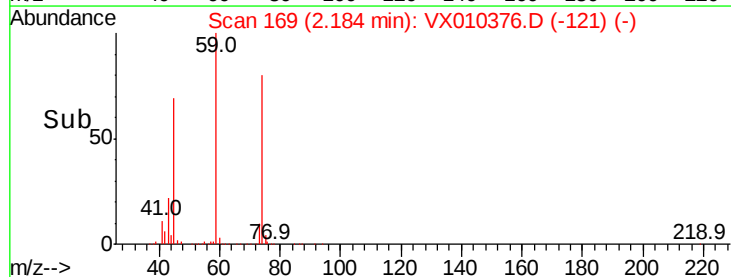
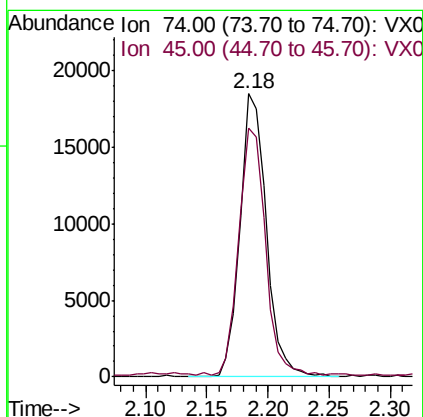
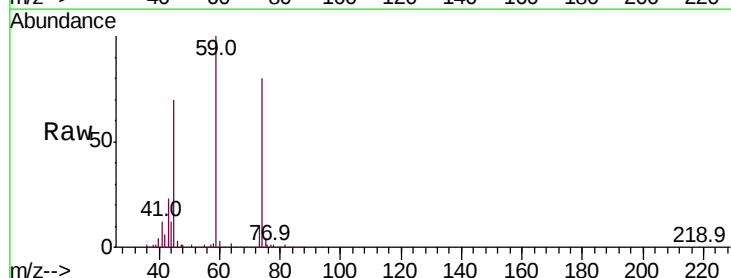
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6/24/2019 11:23:03 AM

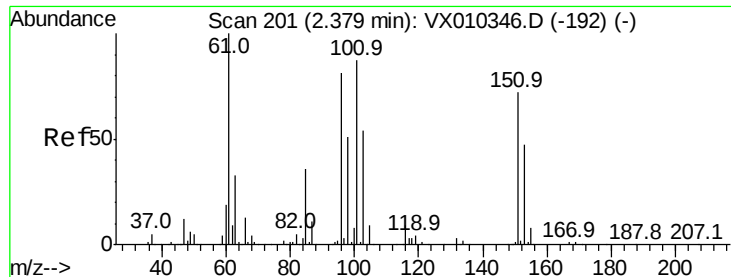


#8

Diethyl Ether
Concen: 18.541 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.2	44.8	134.4





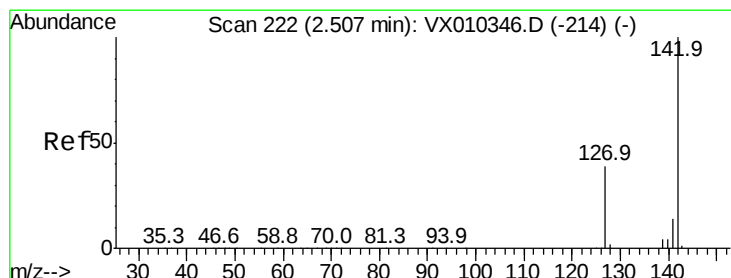
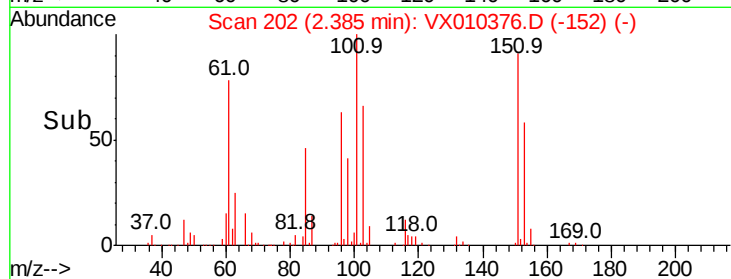
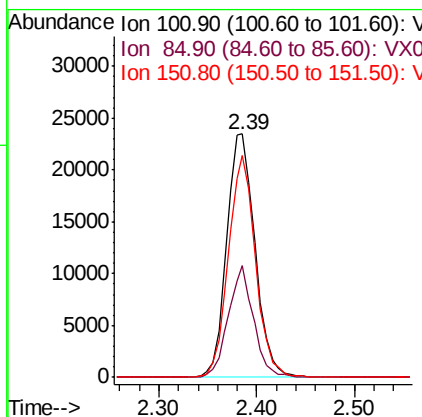
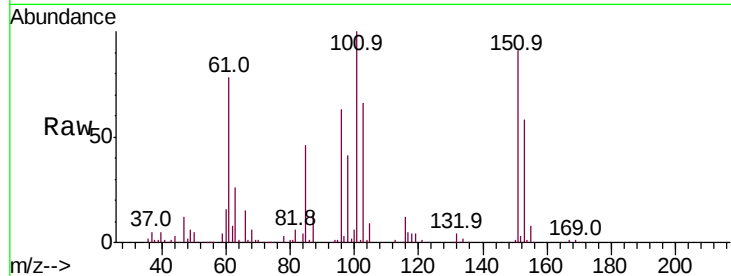
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.686 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
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Tot Ion	Ratio	Lower	Upper
101	100		
85	40.9	33.7	50.5
151	87.2	70.1	105.1

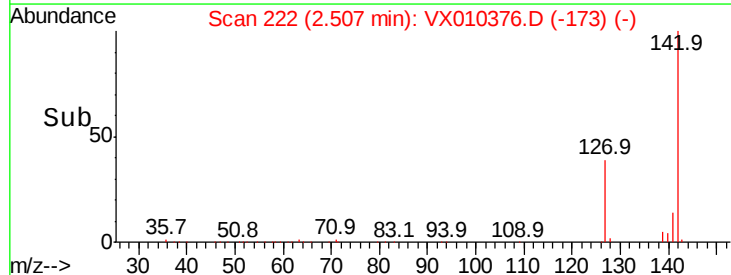
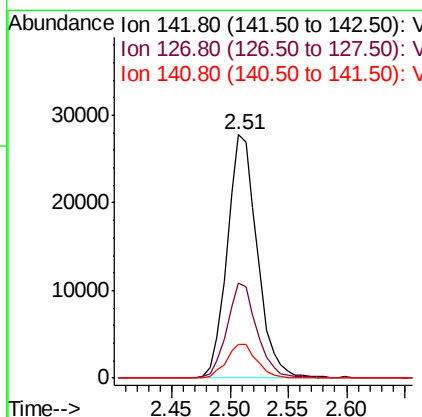
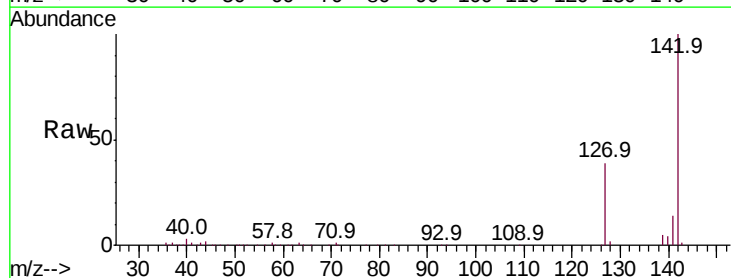
Manual Integrations
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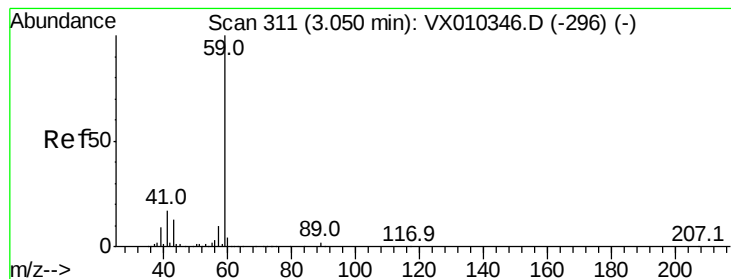
MMDadoda
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#10
Methyl Iodide
Concen: 13.860 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.0	31.1	46.7
141	14.1	11.2	16.8





#11

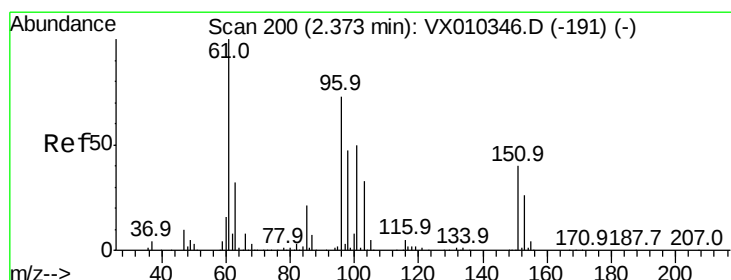
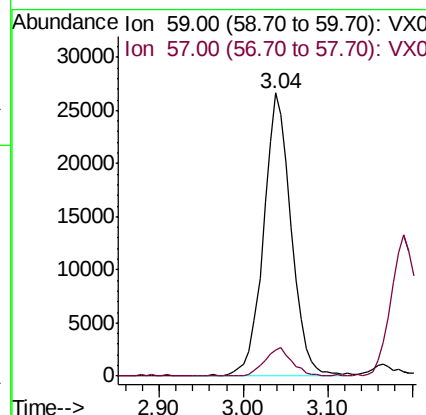
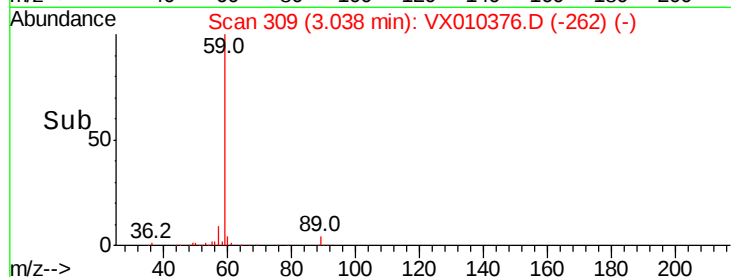
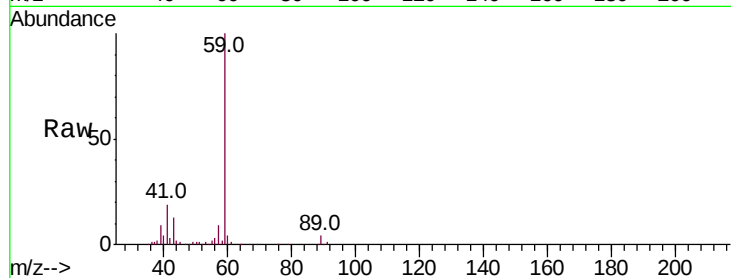
Tert butyl alcohol
 Concen: 82.579 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.7	11.5

Manual Integrations
 APPROVED

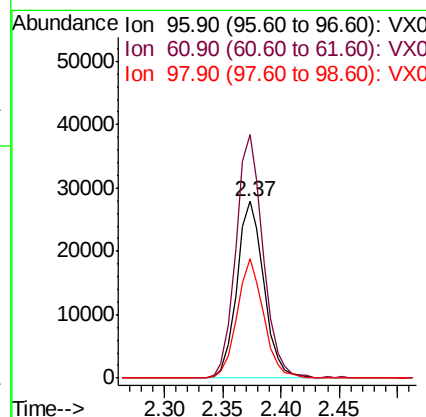
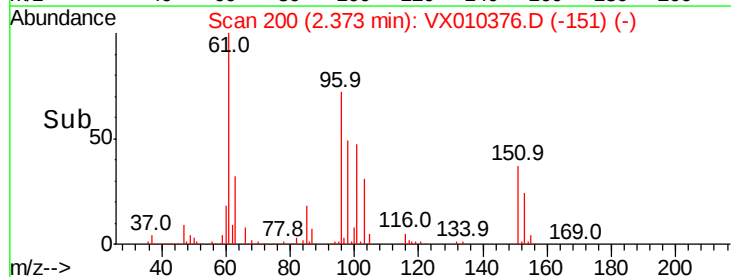
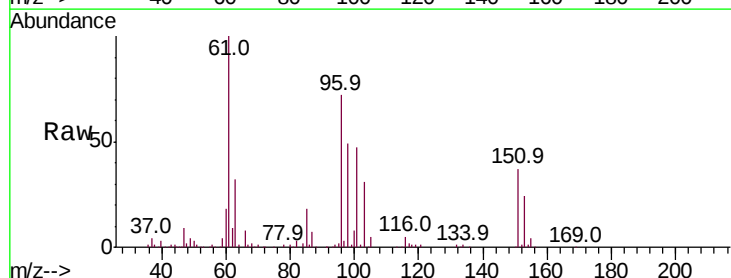
MMDadoda
 6/24/2019 11:23:03 AM

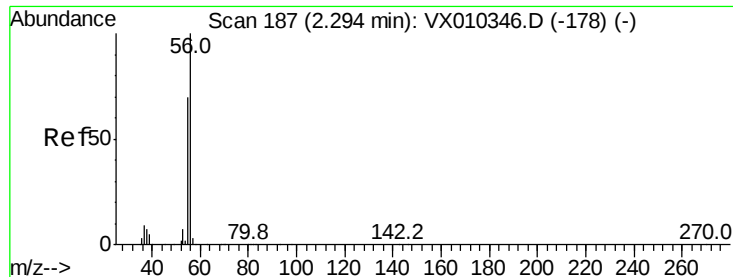


#12

1,1-Dichloroethene
 Concen: 17.619 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.0	109.2	163.8
98	67.4	51.1	76.7





#13

Acrolein

Concen: 69.372 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 56 Resp: 33399

Ion Ratio Lower Upper

56 100

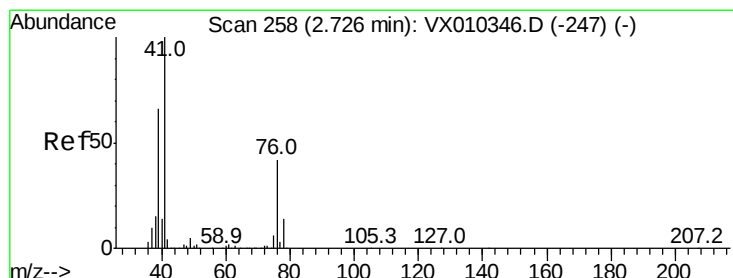
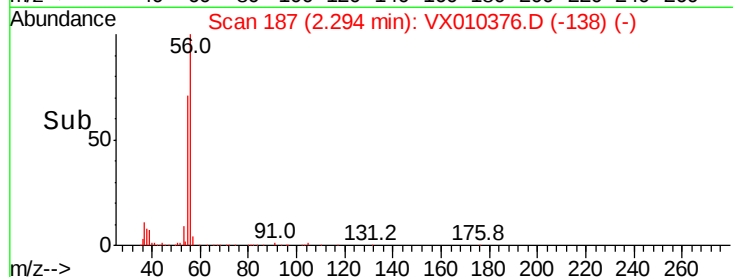
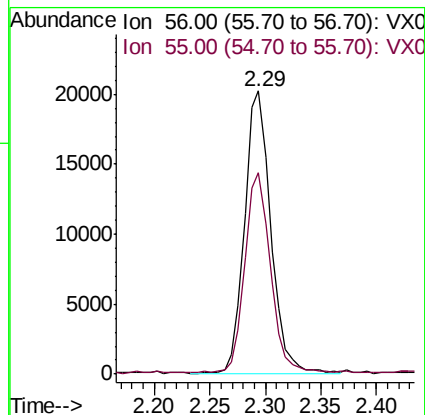
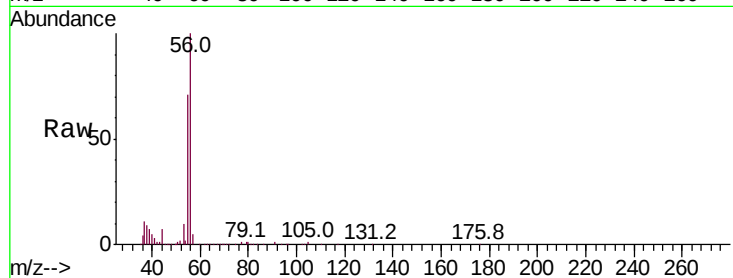
55 68.7 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 18.325 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

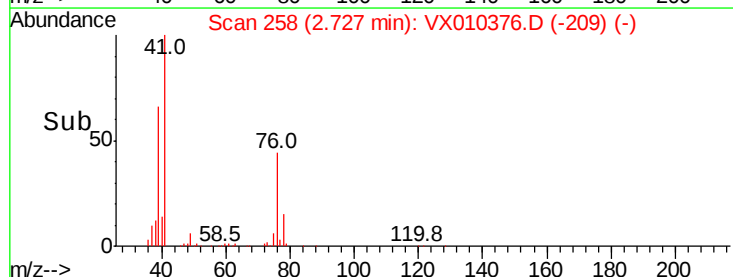
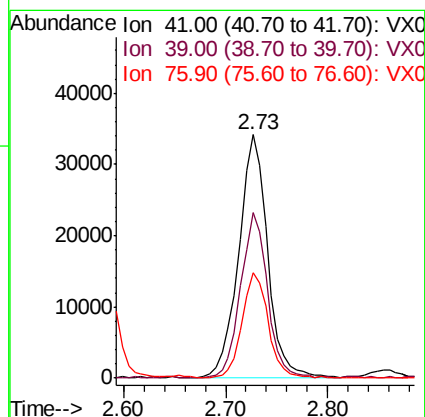
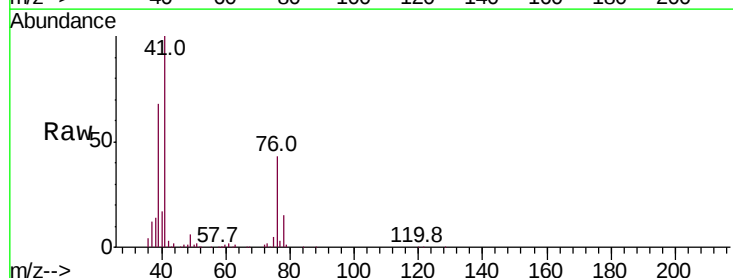
Tgt Ion: 41 Resp: 66707

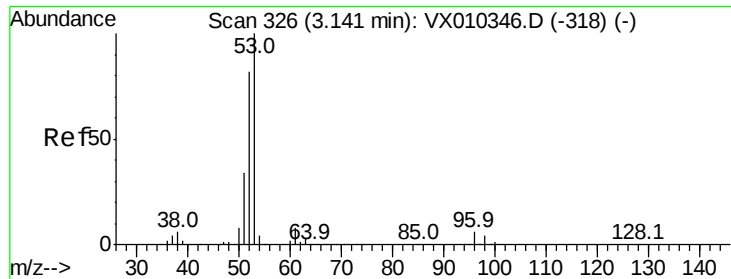
Ion Ratio Lower Upper

41 100

39 62.9 50.3 75.5

76 38.3 31.3 46.9





#15

Acrylonitrile

Concen: 88.318 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

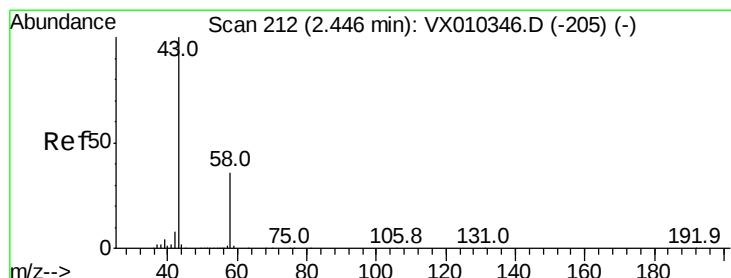
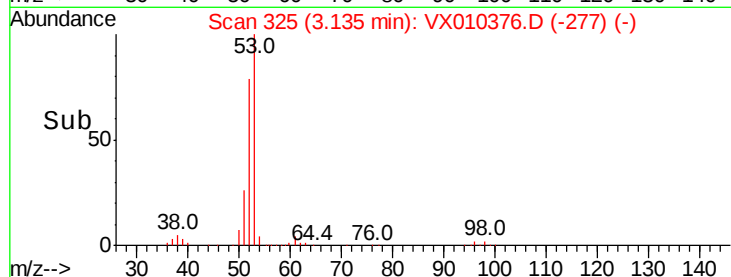
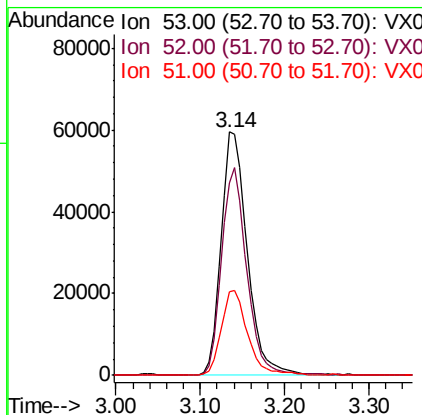
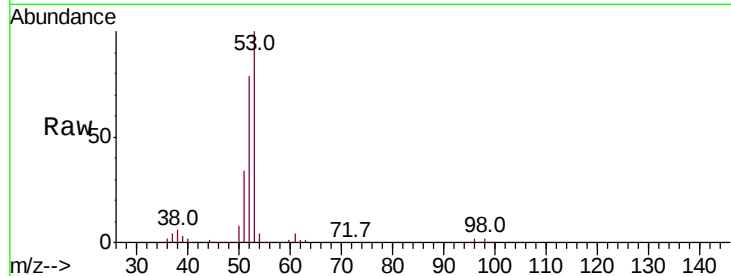
ClientSampleId :

VX0621WBS01

Tot Ion:	53	Resp:	126905
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.5	98.3
51	34.7	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 88.858 ug/l

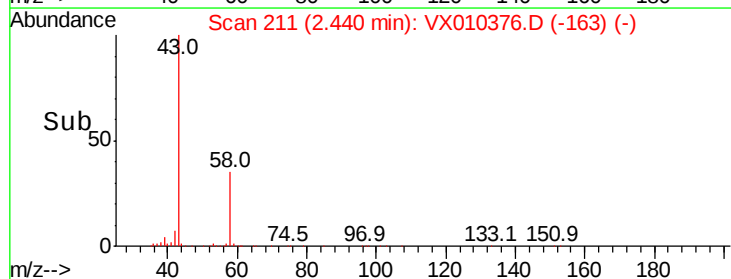
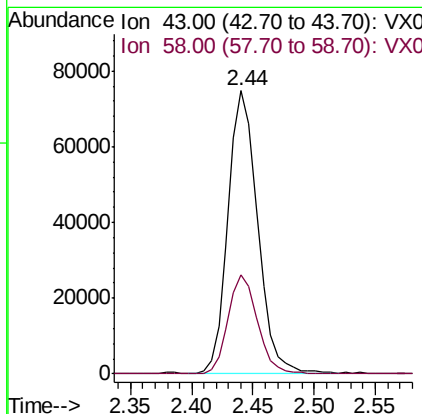
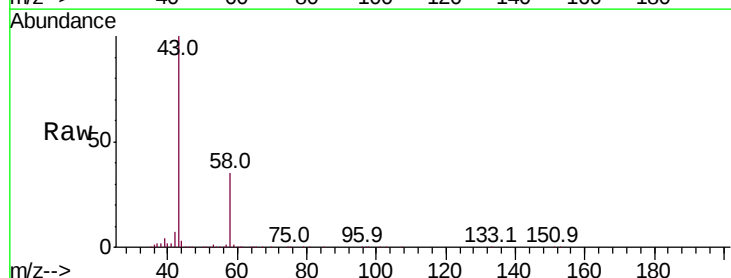
RT: 2.44 min Scan# 211

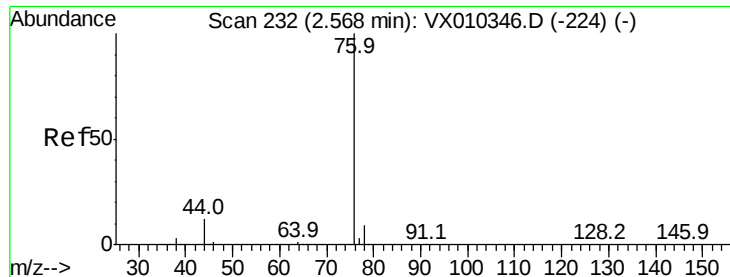
Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Tgt Ion:	43	Resp:	123515
Ion Ratio	Lower	Upper	
43	100		
58	34.8	28.9	43.3





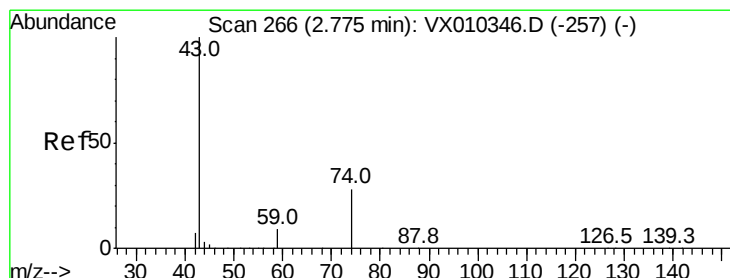
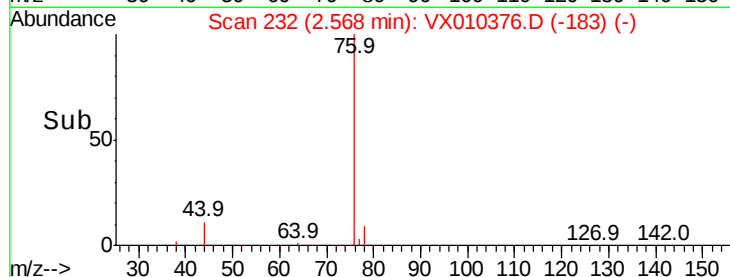
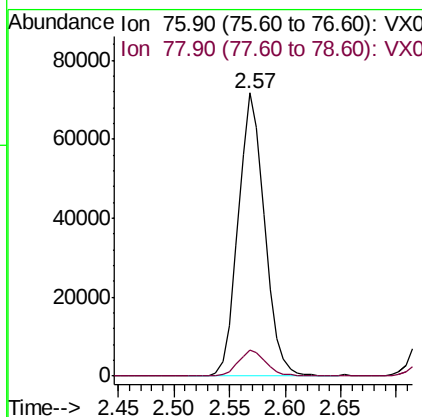
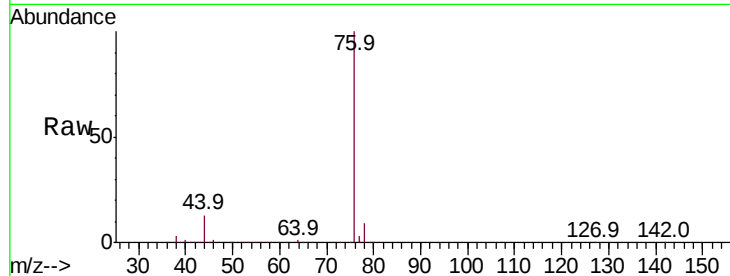
#17
Carbon Disulfide
Concen: 17.131 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

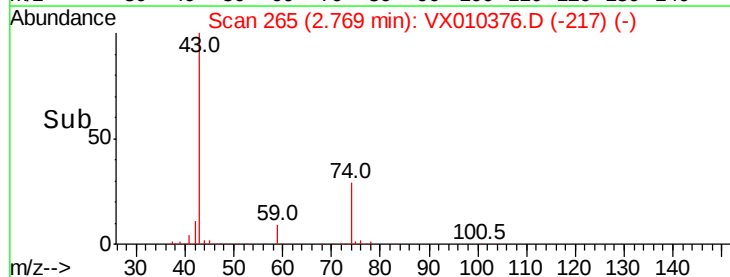
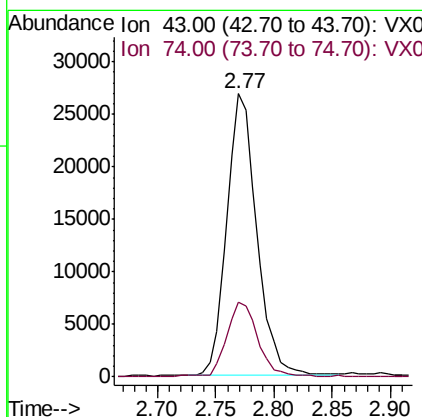
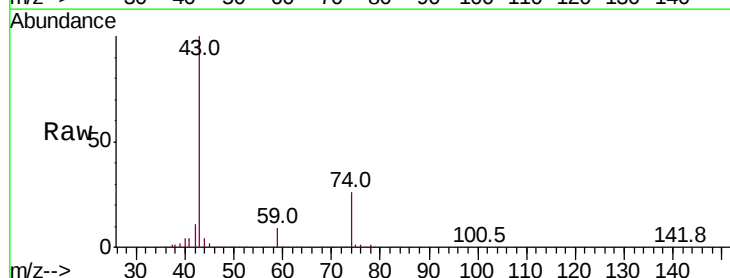
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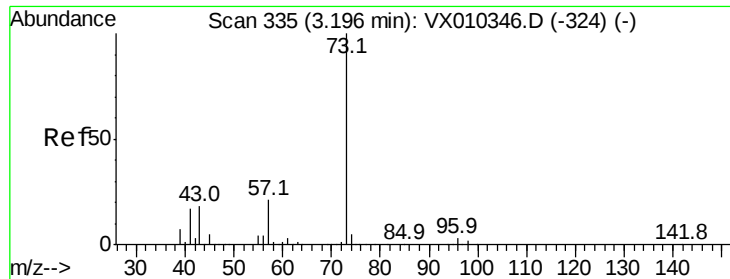
MMDadoda
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#18
Methyl Acetate
Concen: 17.313 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.9	21.3	31.9





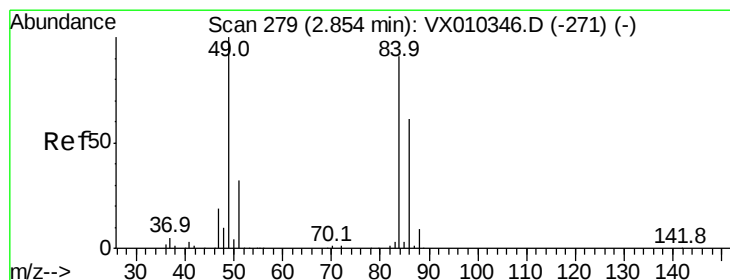
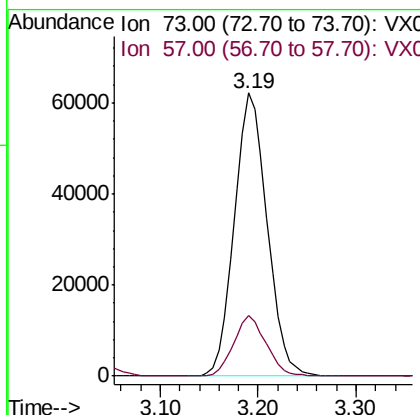
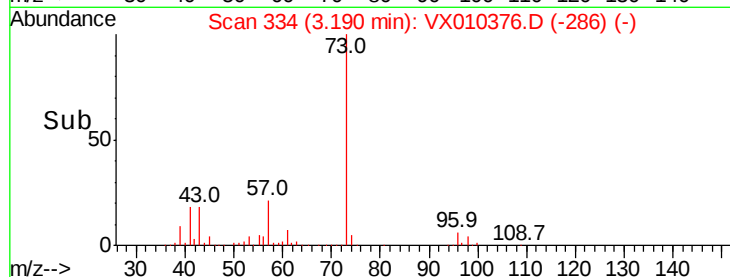
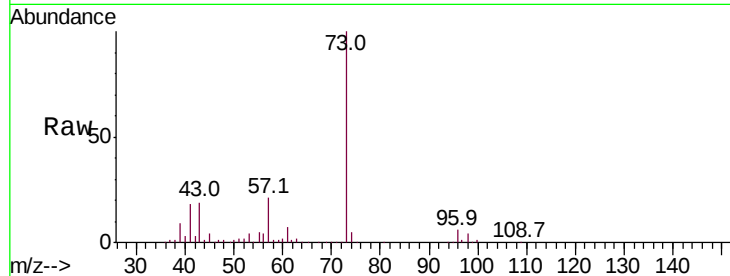
#19
Methyl tert-butyl Ether
Concen: 17.972 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion: 73 Resp: 144965
Ion Ratio Lower Upper
73 100
57 21.1 16.4 24.6

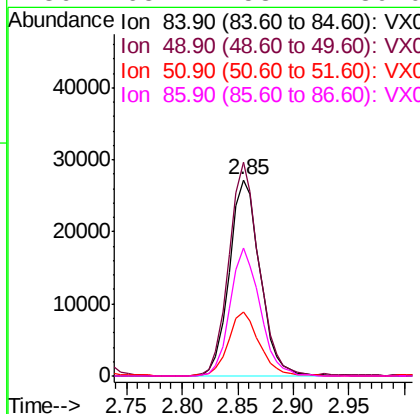
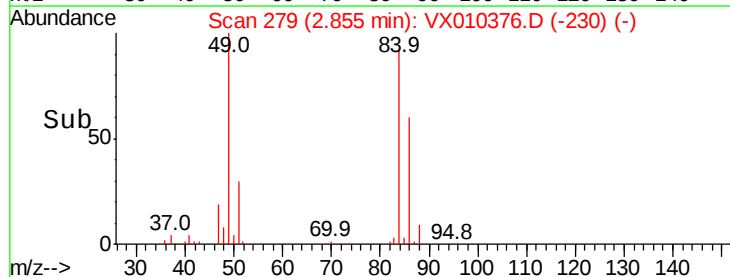
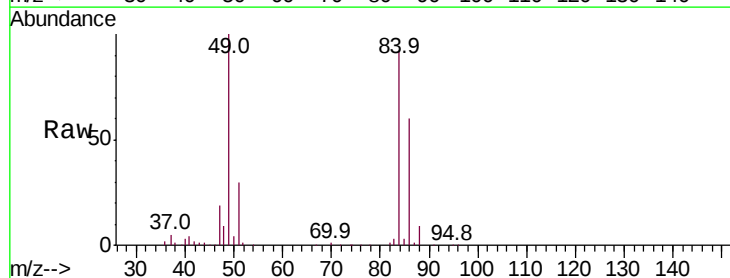
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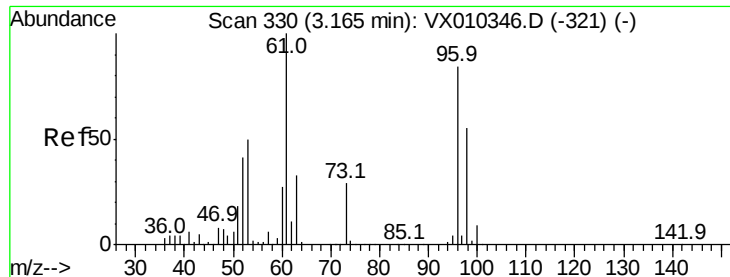
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#20
Methylene Chloride
Concen: 18.158 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 84 Resp: 51942
Ion Ratio Lower Upper
84 100
49 108.6 87.5 131.3
51 32.7 27.7 41.5
86 65.2 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 18.012 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

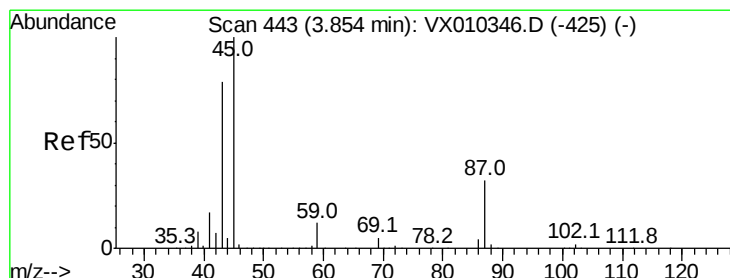
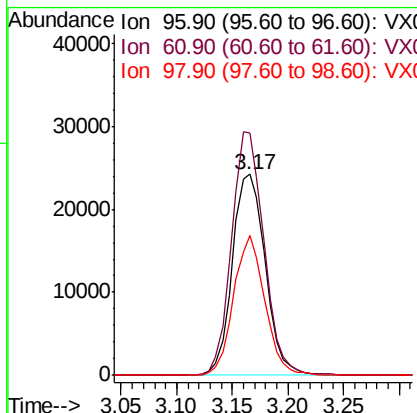
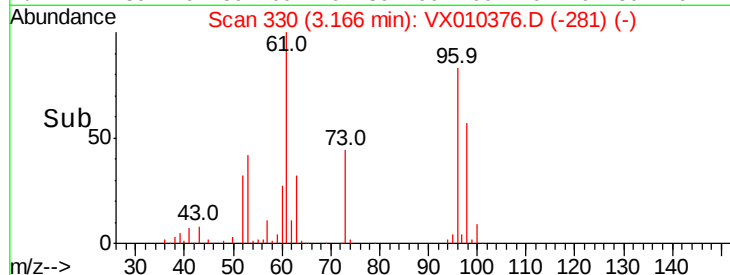
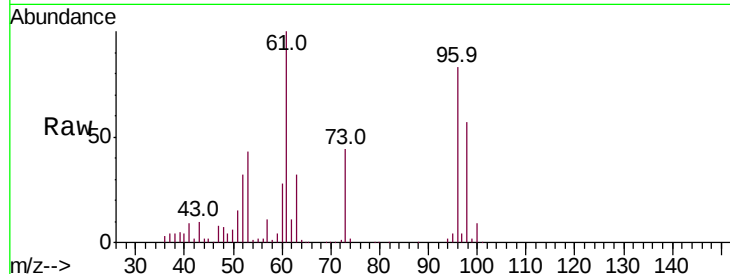
ClientSampleId :

VX0621WBS01

Tot Ion:	96	Resp:	49671
Ion	Ratio	Lower	Upper
96	100		
61	120.6	95.6	143.4
98	69.3	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.041 ug/l

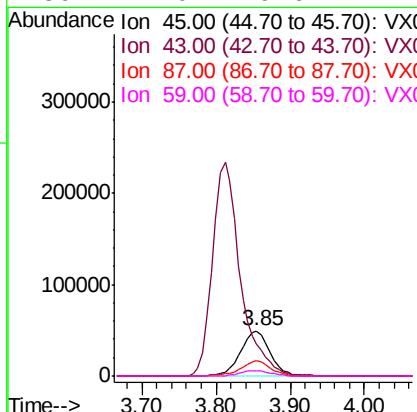
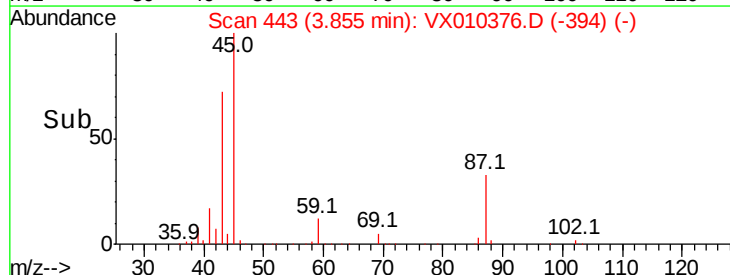
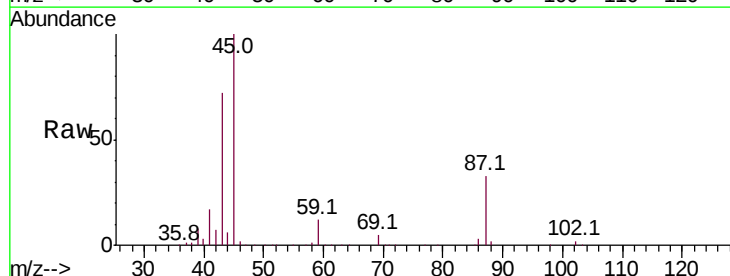
RT: 3.85 min Scan# 443

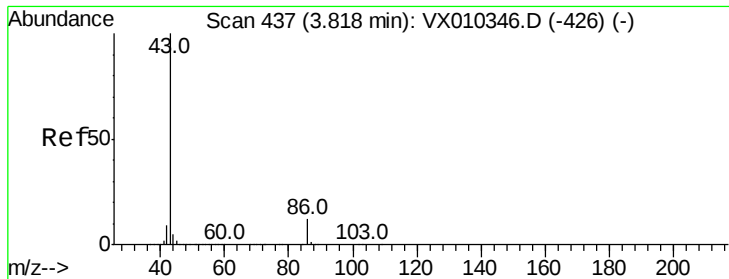
Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Tgt Ion:	45	Resp:	137310
Ion	Ratio	Lower	Upper
45	100		
43	71.1	63.3	94.9
87	32.9	25.8	38.8
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 92.370 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 43 Resp: 607330

Ion Ratio Lower Upper

43 100

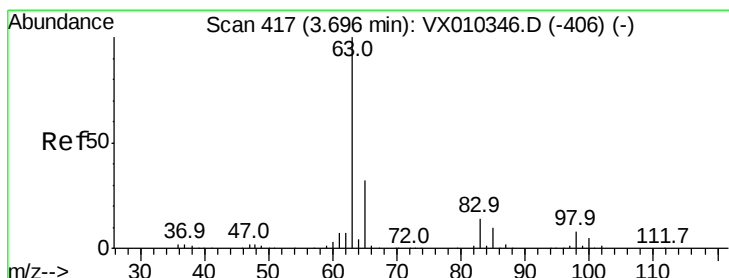
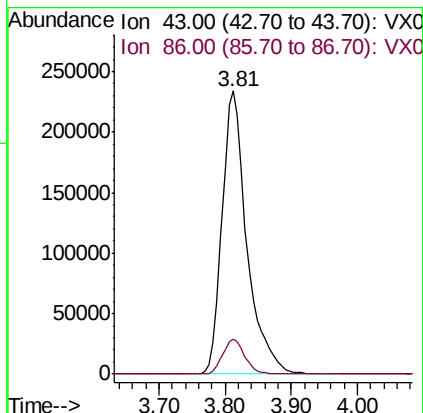
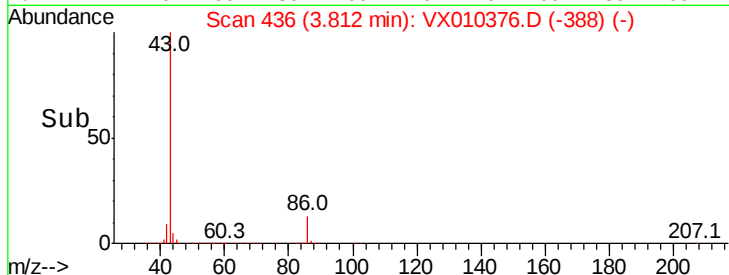
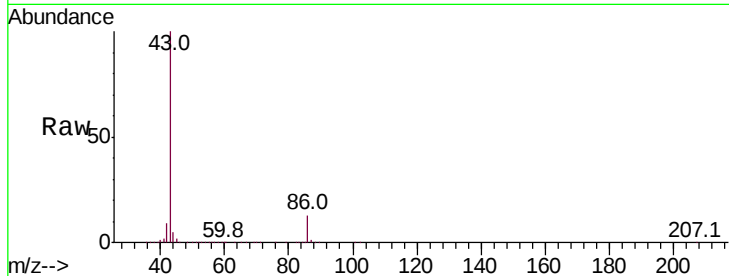
86 12.6 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 18.356 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

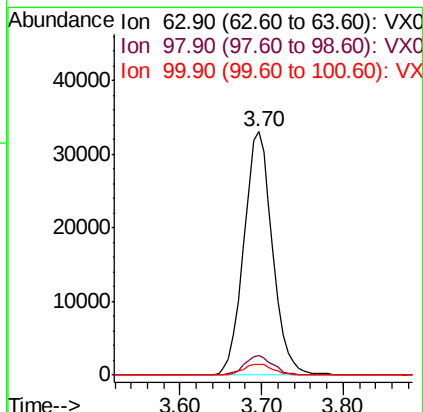
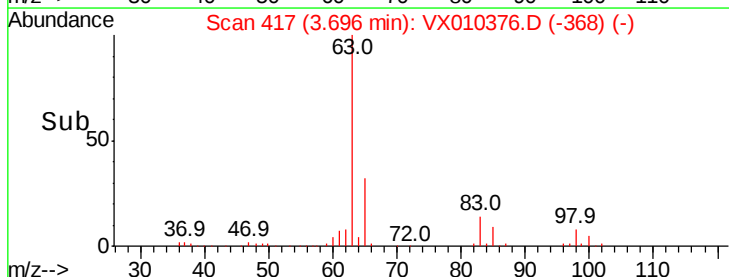
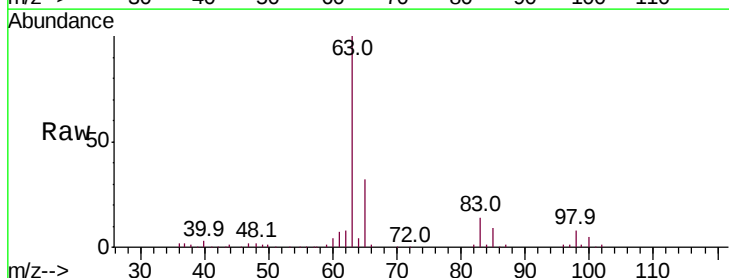
Tgt Ion: 63 Resp: 80756

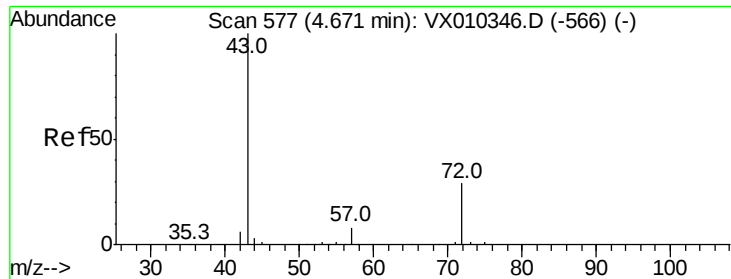
Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.7

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 87.886 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 43 Resp: 179199

Ion Ratio Lower Upper

43 100

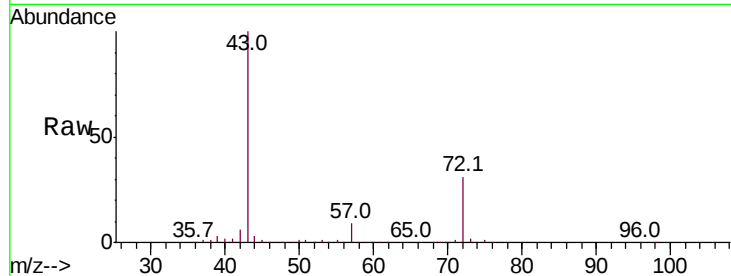
72 30.7 23.3 34.9

Manual Integrations

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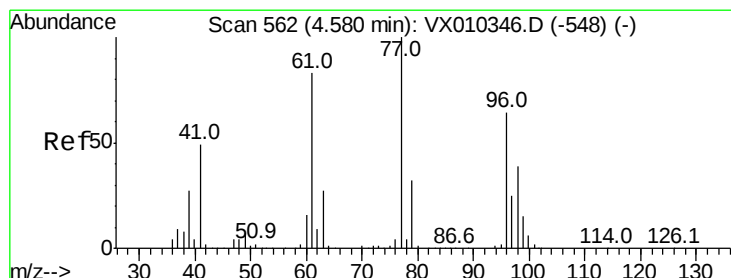
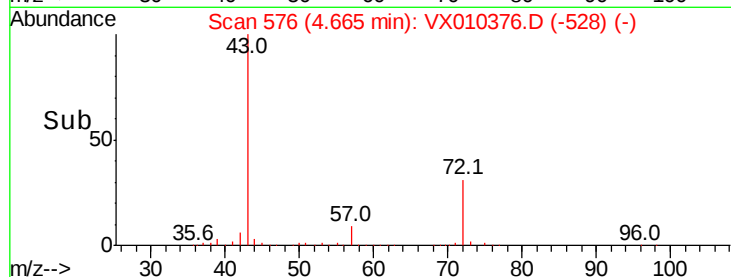
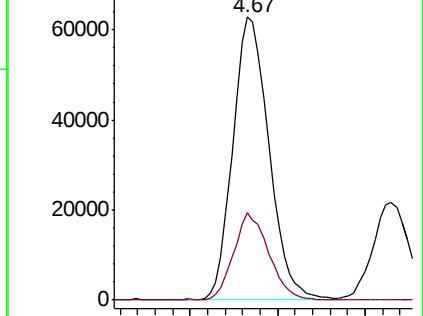
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.363 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010376.D

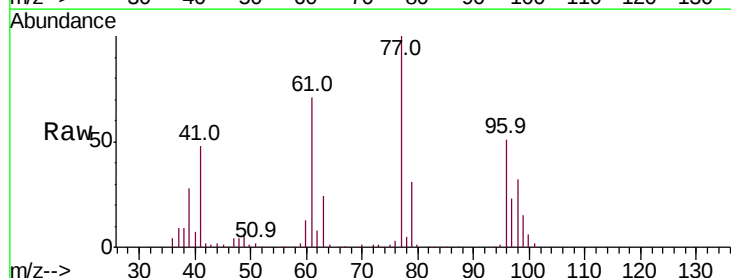
Acq: 21 Jun 2019 11:54

Tgt Ion: 77 Resp: 70178

Ion Ratio Lower Upper

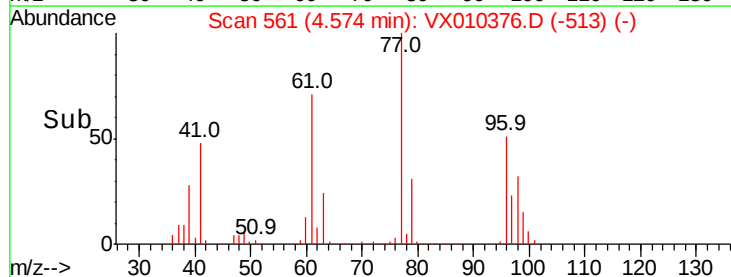
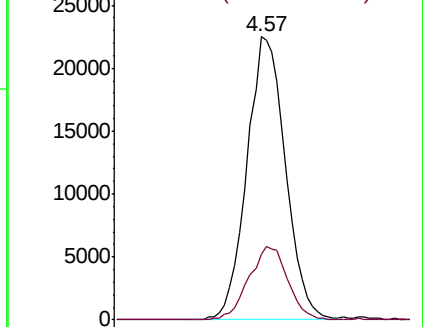
77 100

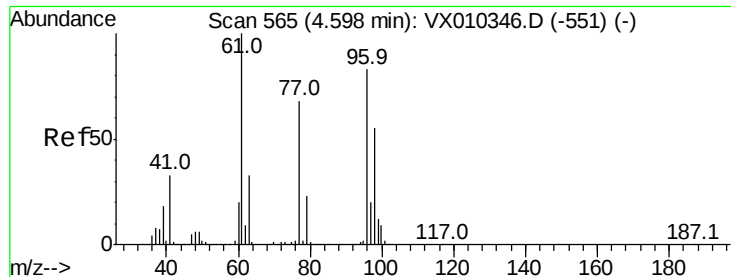
97 26.2 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

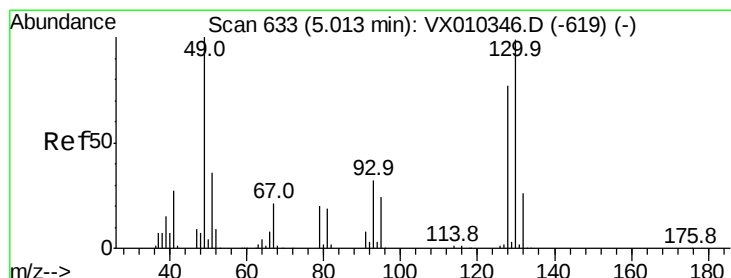
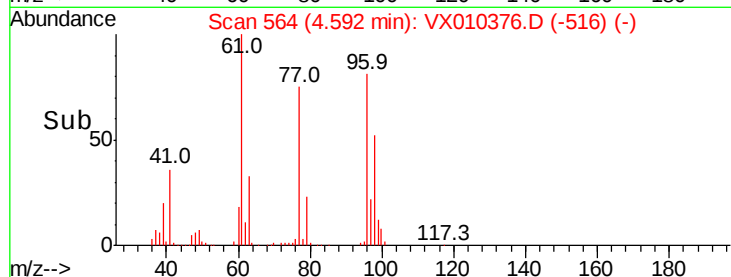
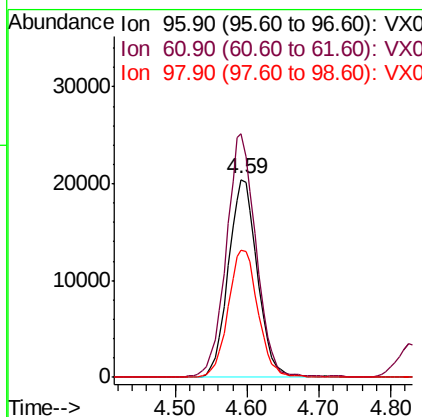
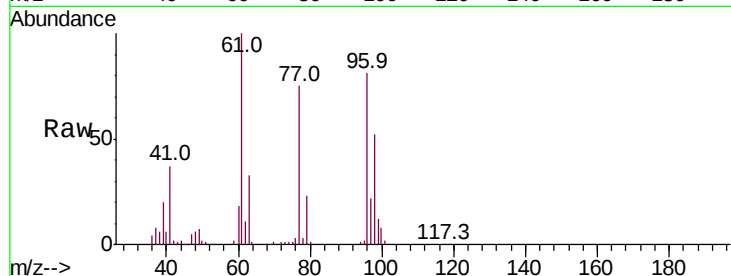
cis-1,2-Dichloroethene
Concen: 17.953 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	251.8
98	66.0	0.0	129.4

Manual Integrations
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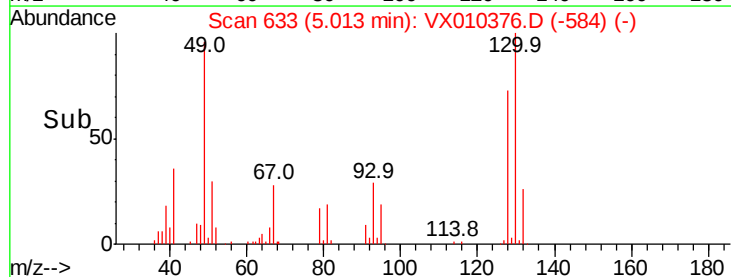
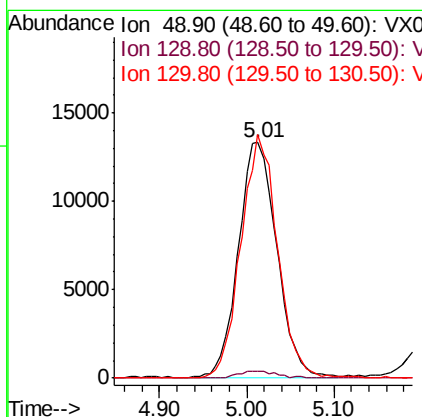
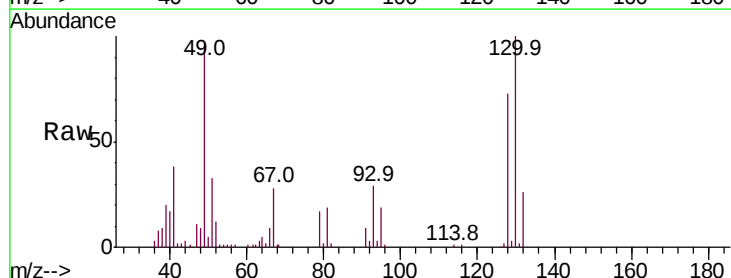
MMDadoda
6/24/2019 11:23:03 AM

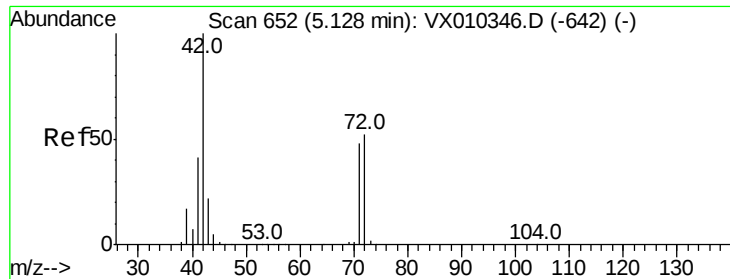


#28

Bromochloromethane
Concen: 19.436 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	97.6	81.4	122.0





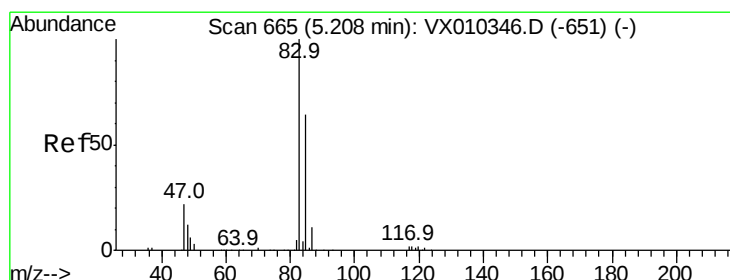
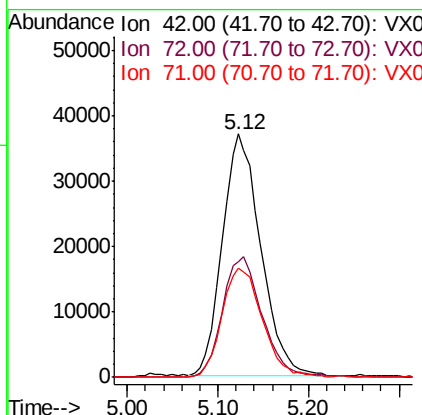
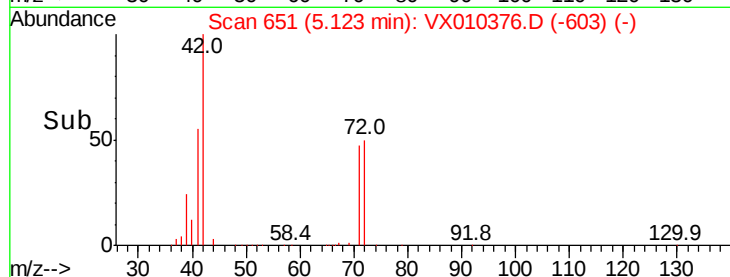
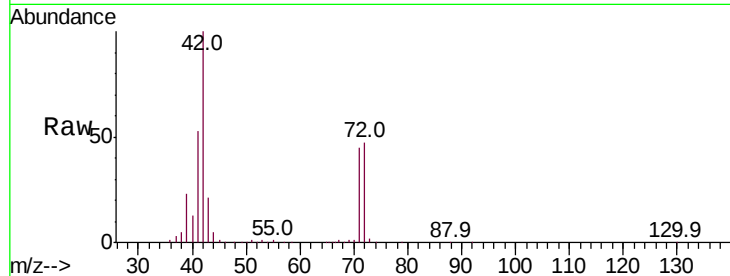
#29
Tetrahydrofuran
Concen: 85.543 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.5	40.6	60.8
71	47.8	37.8	56.8

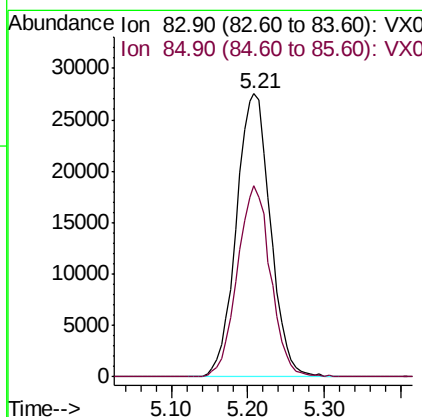
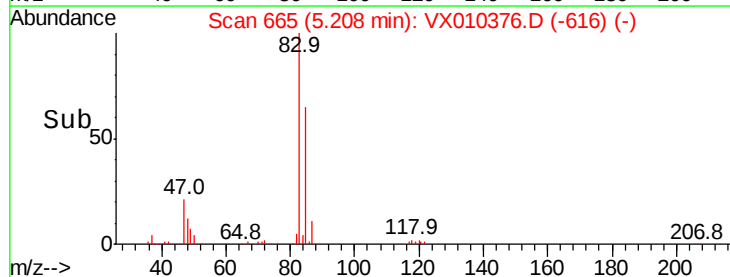
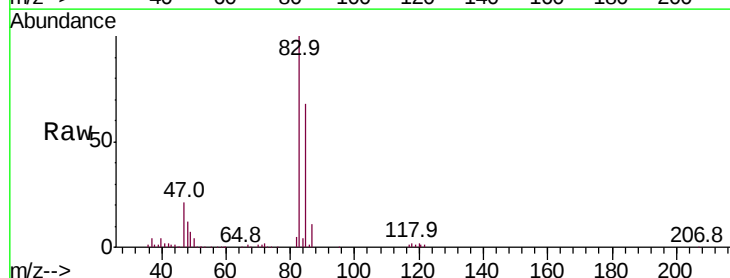
Manual Integrations
APPROVED

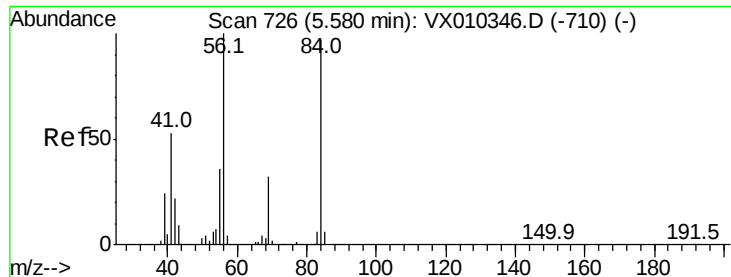
MMDadoda
6/24/2019 11:23:03 AM



#30
Chloroform
Concen: 17.970 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	50.9	76.3





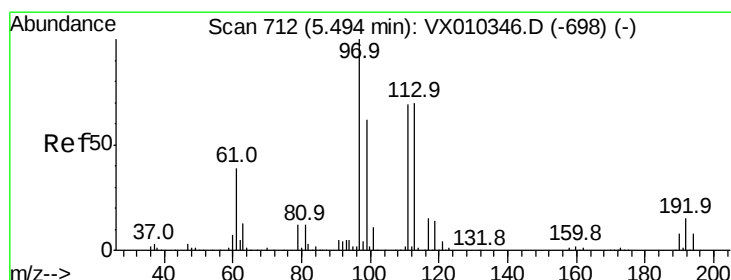
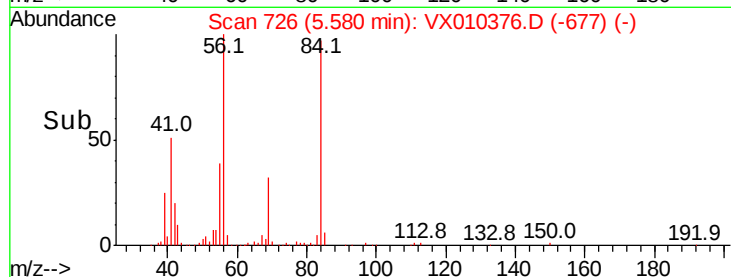
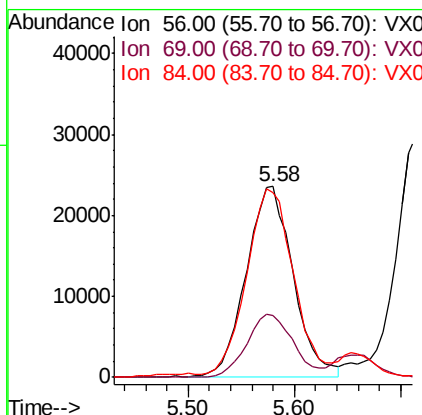
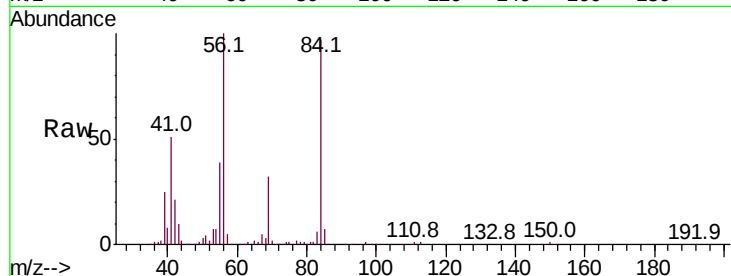
#31
Cyclohexane
Concen: 18.097 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.9	38.9
84	94.5	78.0	117.0

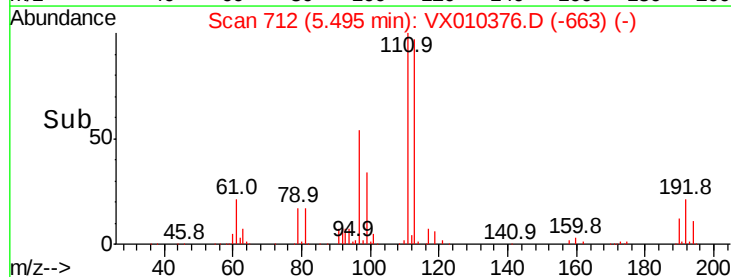
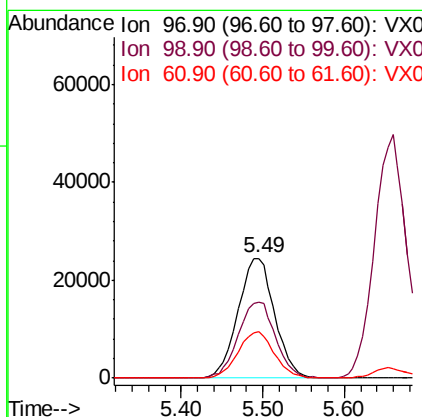
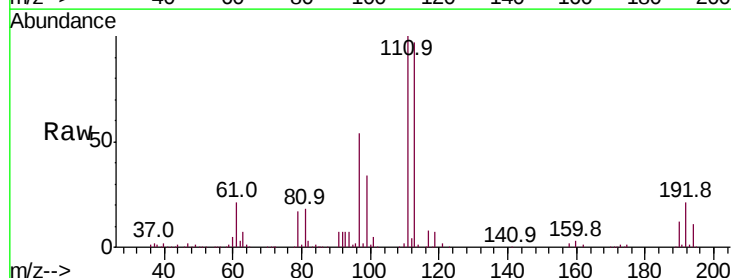
Manual Integrations
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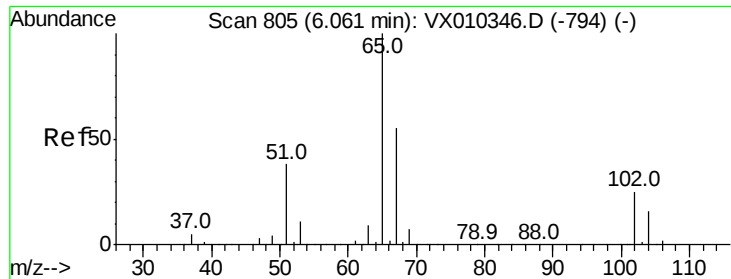
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 18.186 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.8	77.8
61	38.9	32.1	48.1





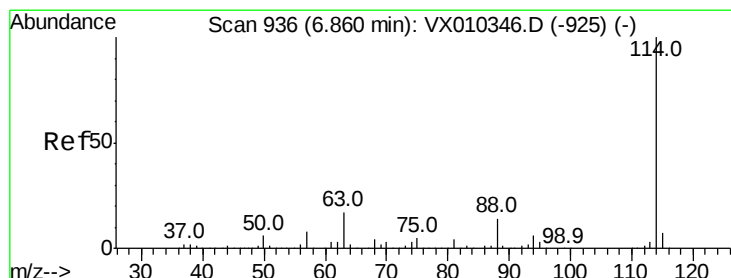
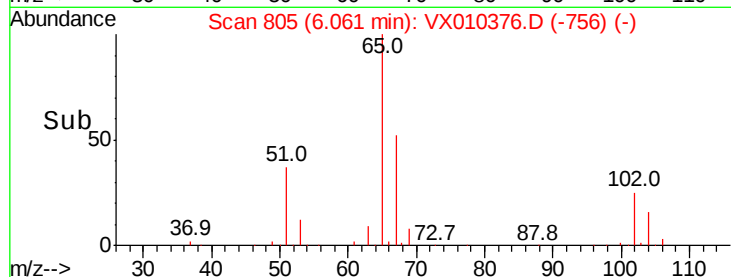
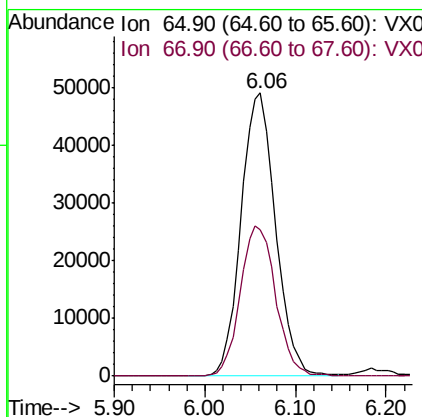
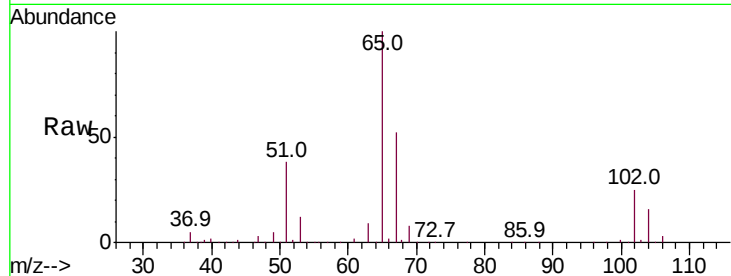
#33
 1,2-Dichloroethane-d4
 Concen: 46.661 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.2

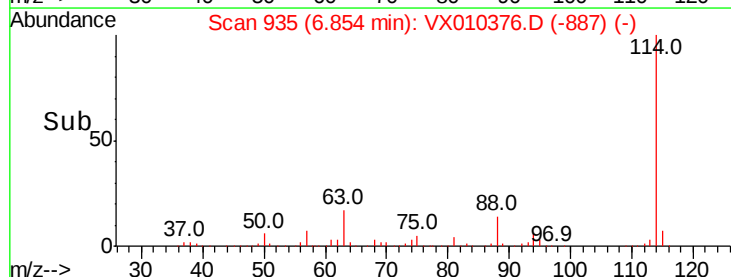
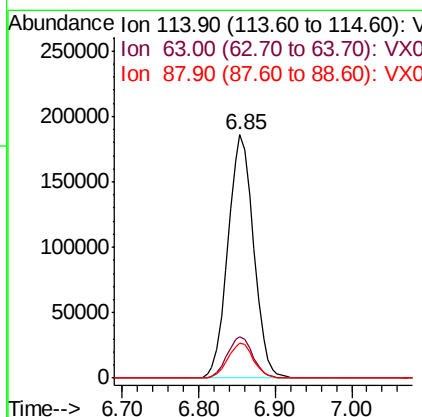
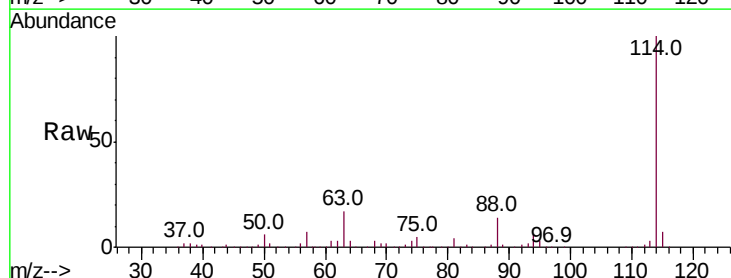
Manual Integrations
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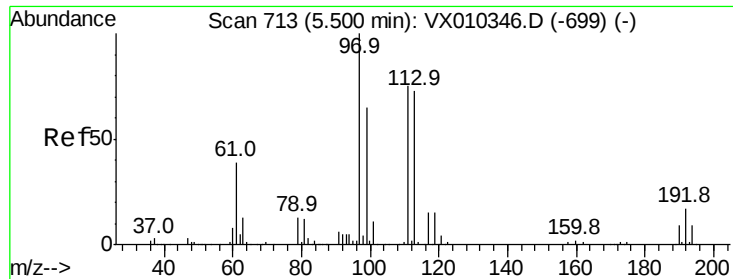
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 6/24/2019 11:23:03 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	33.8
88	14.3	0.0	27.6





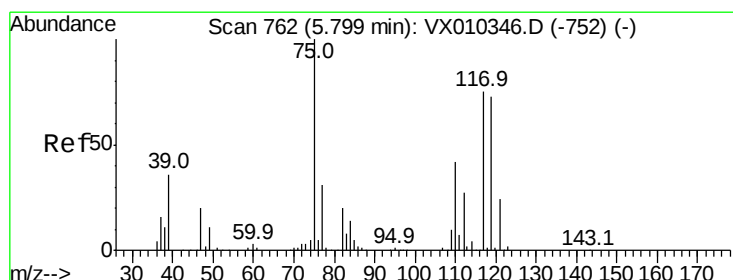
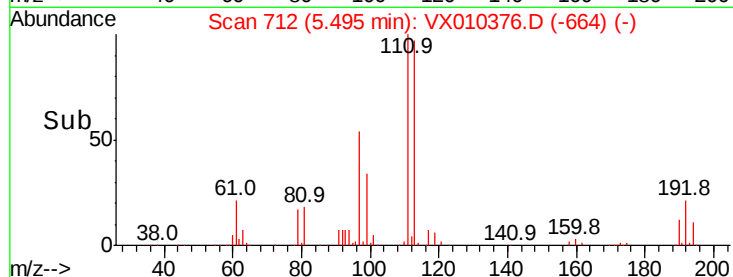
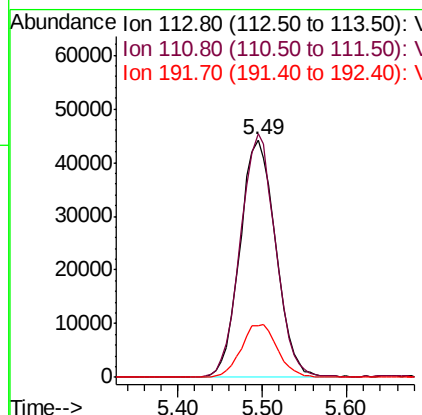
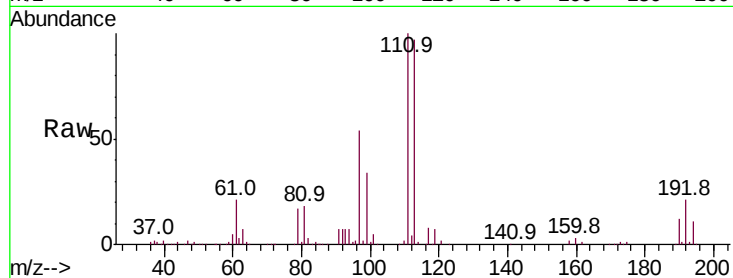
#35
 Dibromofluoromethane
 Concen: 48.098 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.2	121.8
192	22.7	18.6	27.8

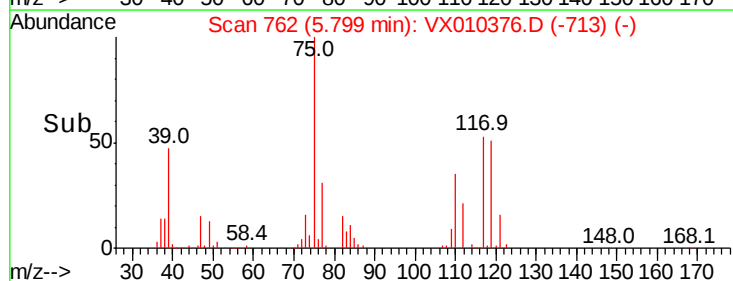
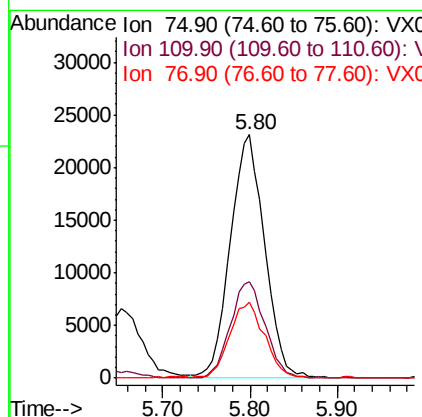
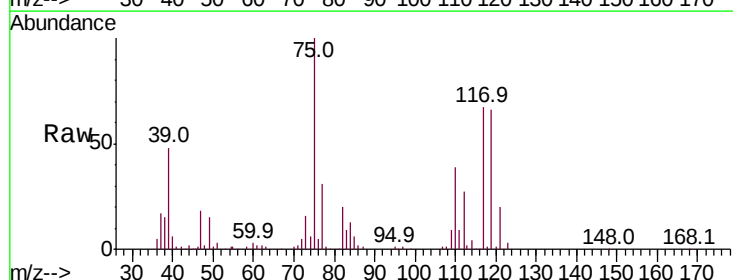
Manual Integrations
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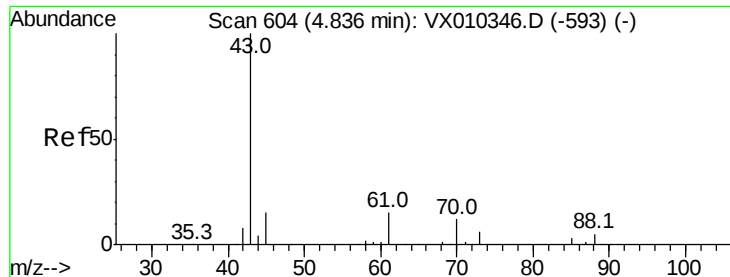
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 18.178 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.9	20.8	62.2
77	32.2	25.4	38.0





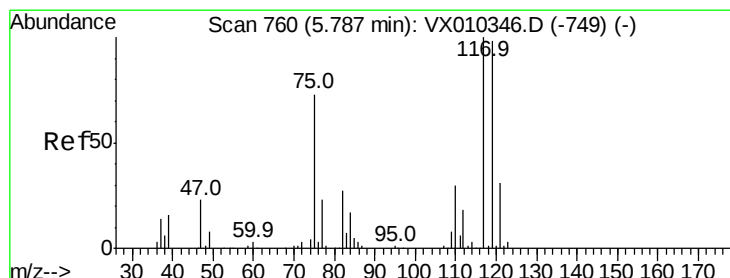
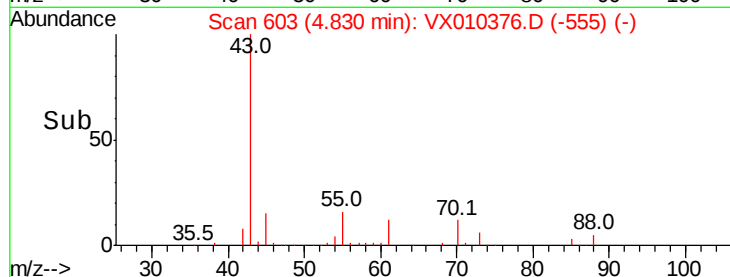
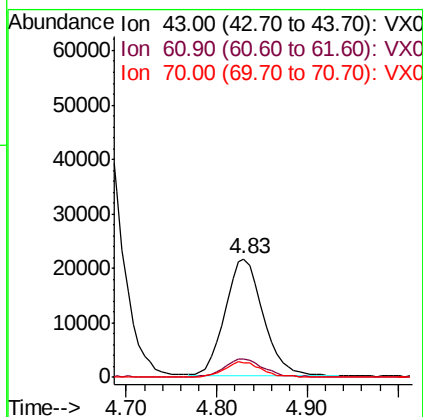
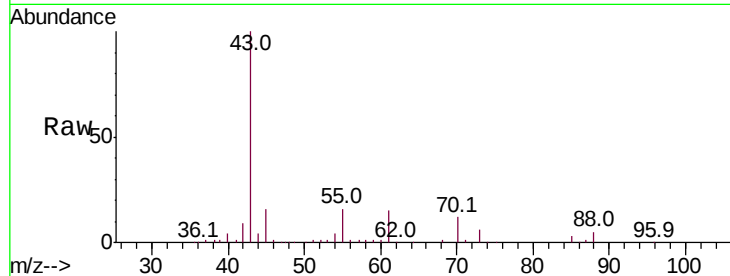
#37
Ethyl Acetate
Concen: 17.919 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.4	18.6
70	12.8	9.8	14.8

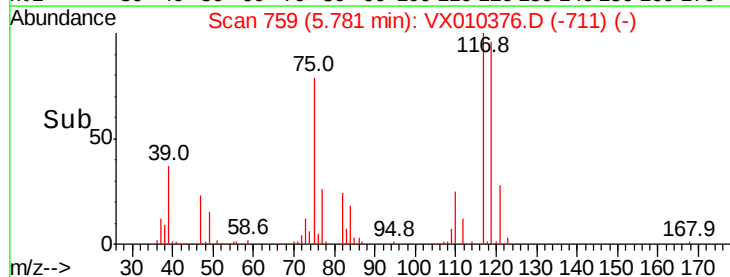
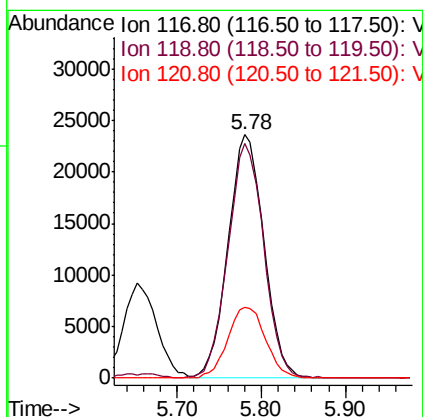
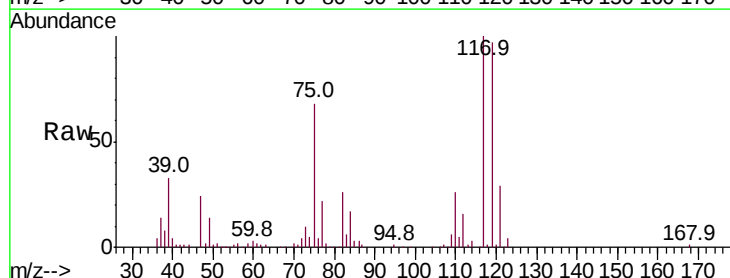
Manual Integrations
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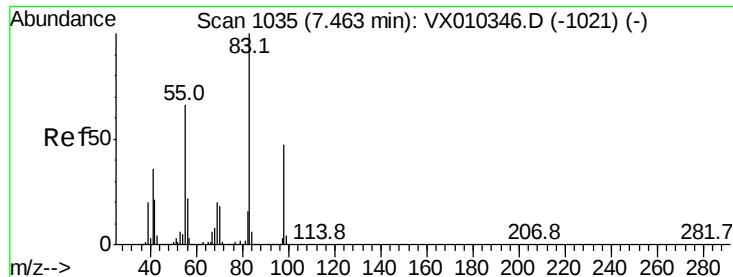
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#38
Carbon Tetrachloride
Concen: 18.342 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	117.4
121	29.3	24.7	37.1





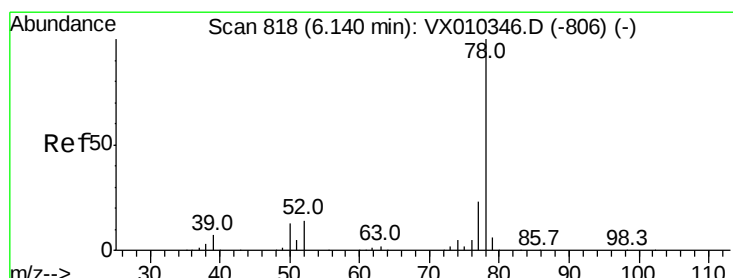
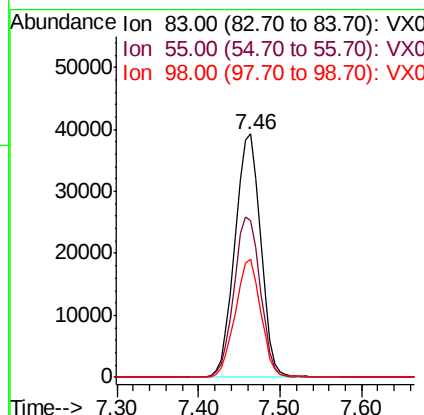
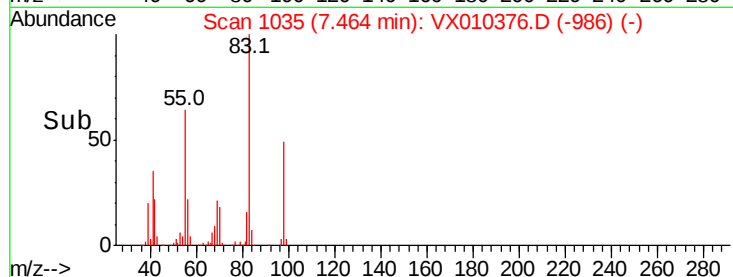
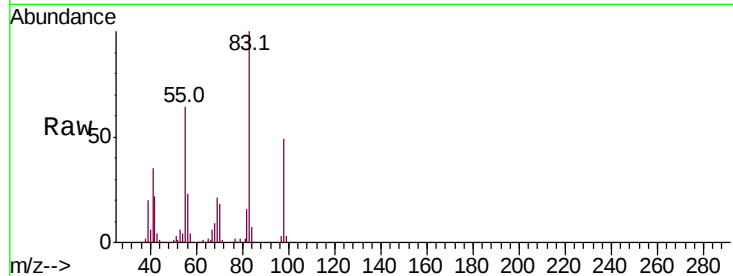
#39
Methvlcvclohexane
Concen: 18.972 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.4	53.0	79.6
98	48.5	37.8	56.8

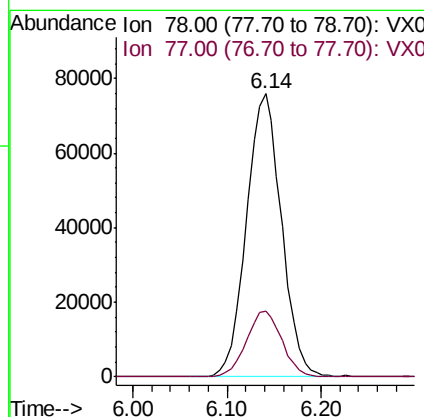
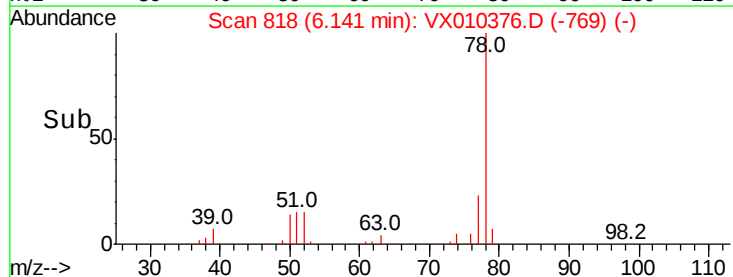
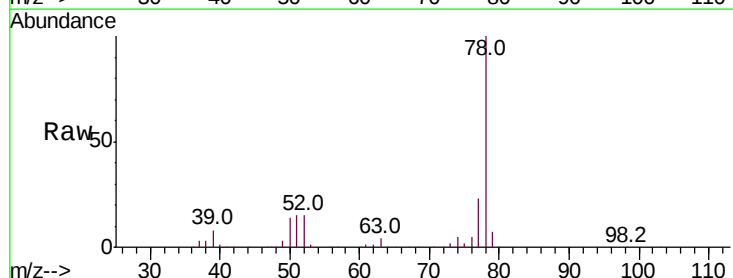
Manual Integrations
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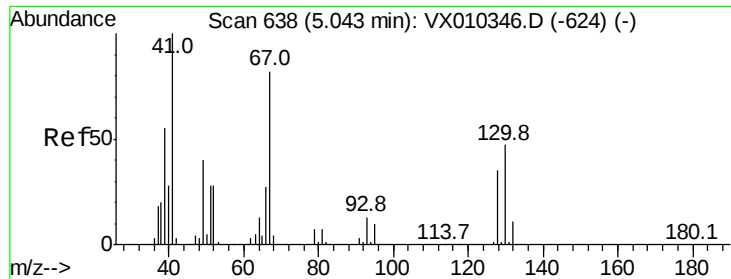
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#40
Benzene
Concen: 18.479 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0





#41

Methacrylonitrile

Concen: 17.448 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 41 Resp: 33812

Ion Ratio Lower Upper

41 100

39 53.7 43.8 65.8

67 87.0 66.6 100.0

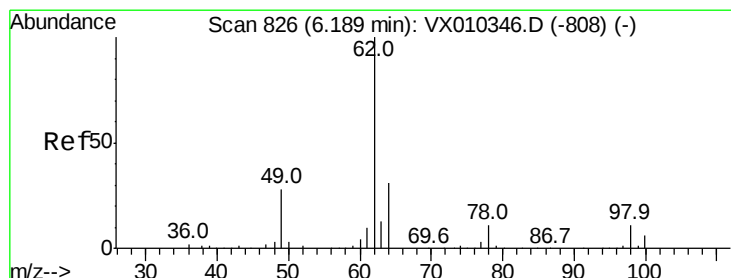
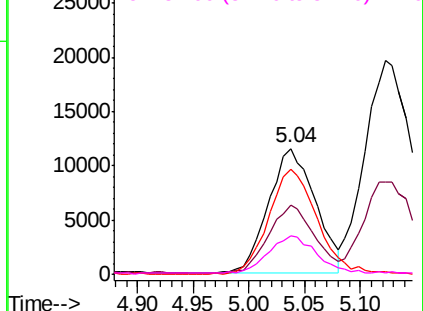
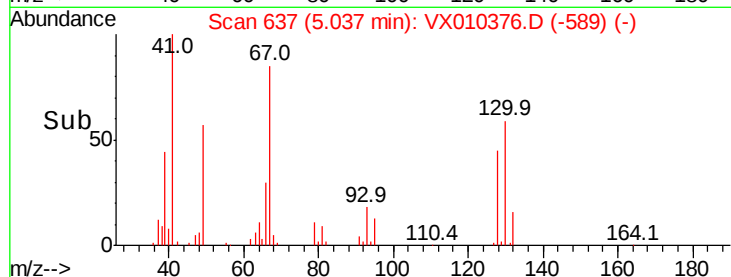
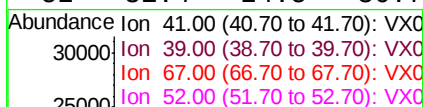
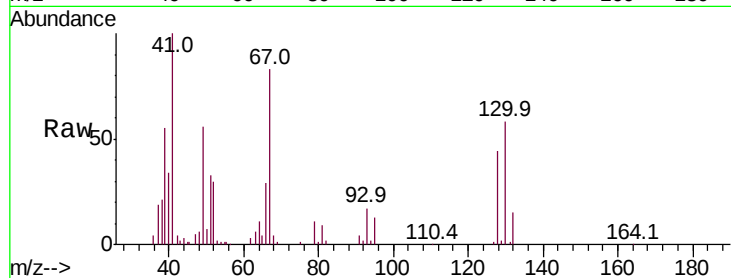
52 31.4 24.5 36.7

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 19.008 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX010376.D

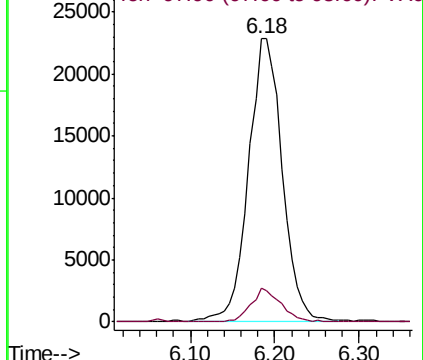
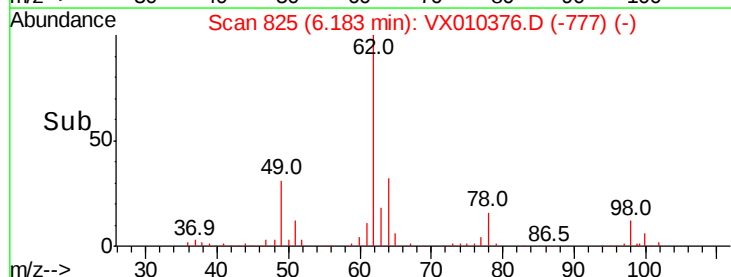
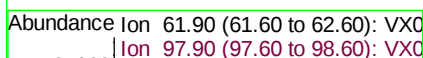
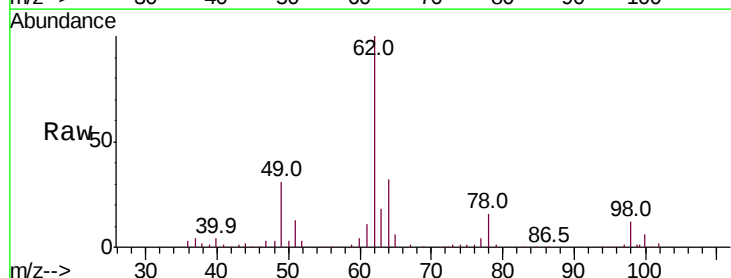
Acq: 21 Jun 2019 11:54

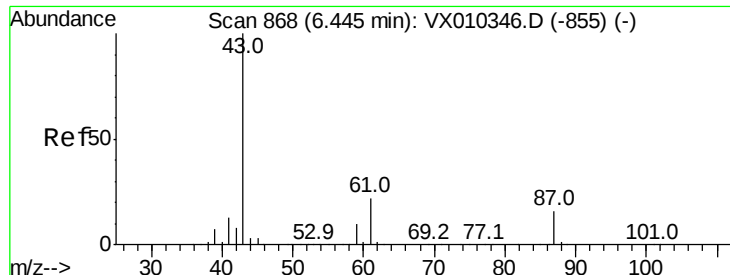
Tgt Ion: 62 Resp: 61887

Ion Ratio Lower Upper

62 100

98 10.7 0.0 22.2





#43

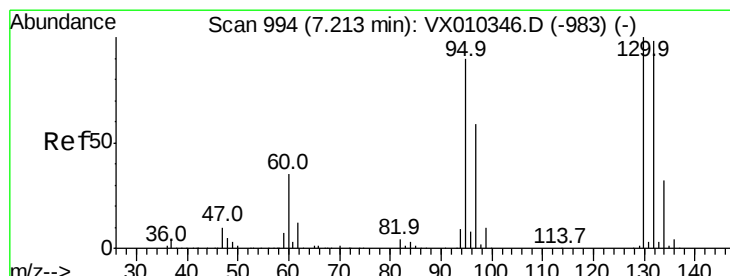
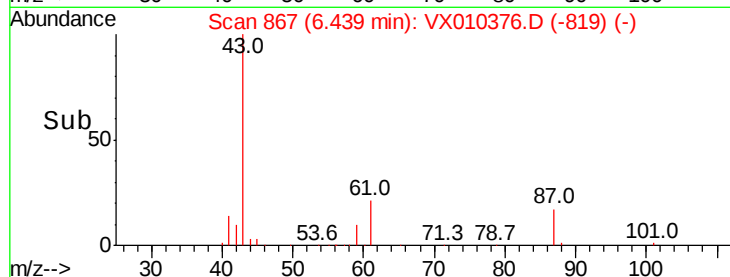
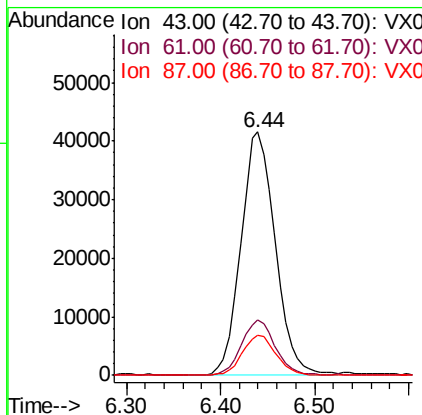
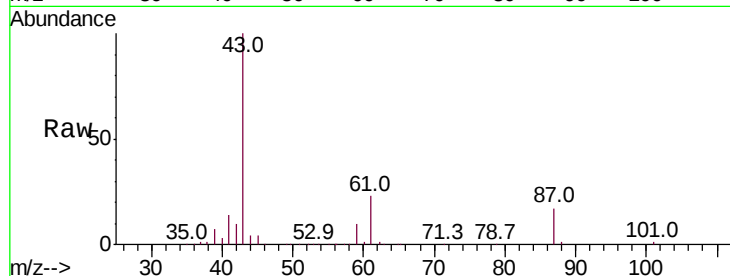
Isopropyl Acetate
 Concen: 17.992 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.8	17.8	26.6
87	16.5	13.0	19.4

Manual Integrations
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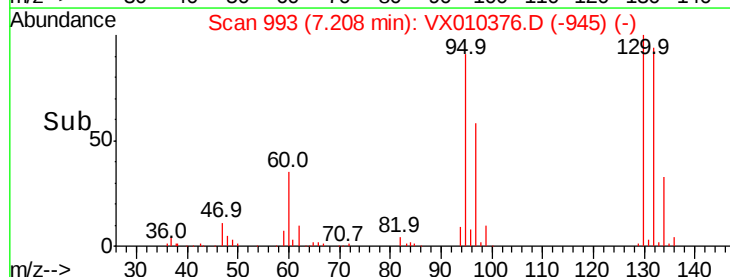
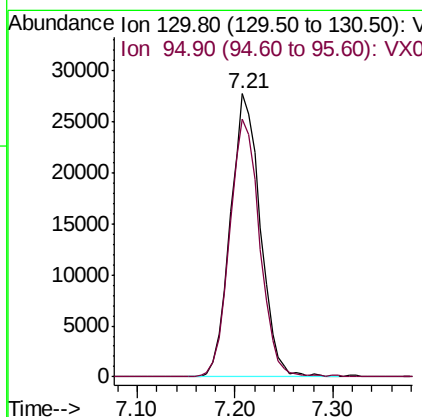
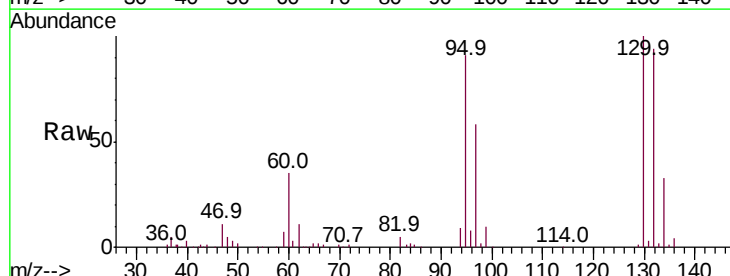
MMDadoda
 6/24/2019 11:23:03 AM

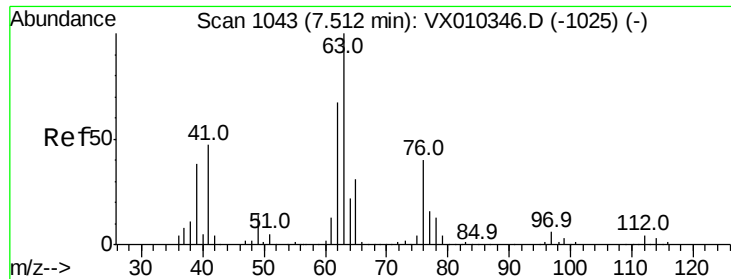


#44

Trichloroethene
 Concen: 18.363 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	180.8





#45

1,2-Dichloropropane

Concen: 18.383 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VX0621WBS01

Tot Ion: 63 Resp: 49655

Ion Ratio Lower Upper

63 100

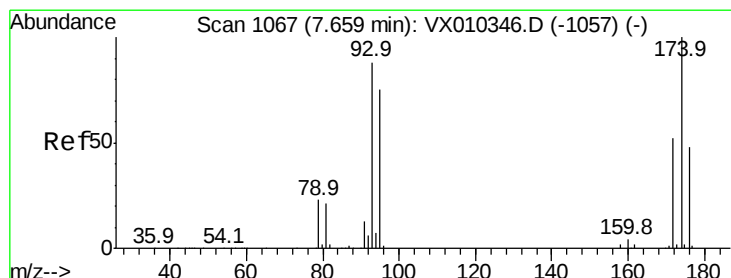
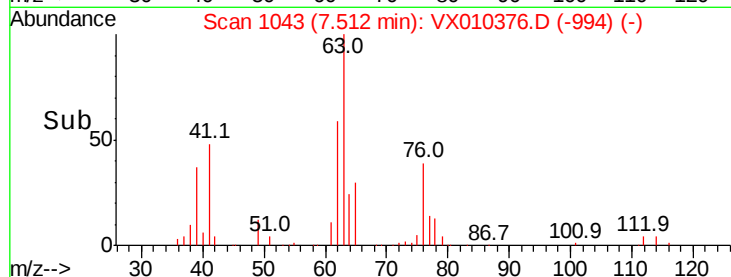
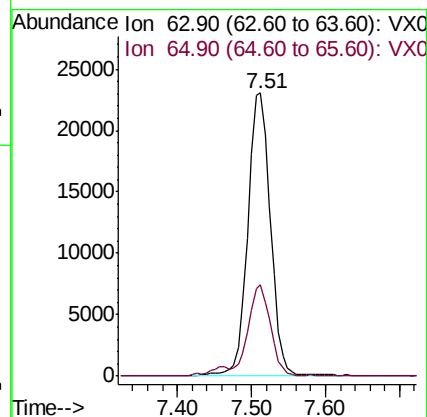
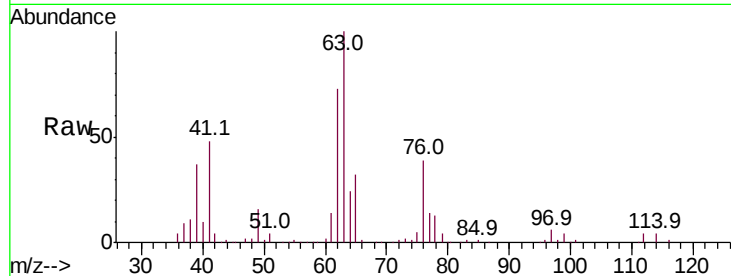
65 32.5 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 18.571 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

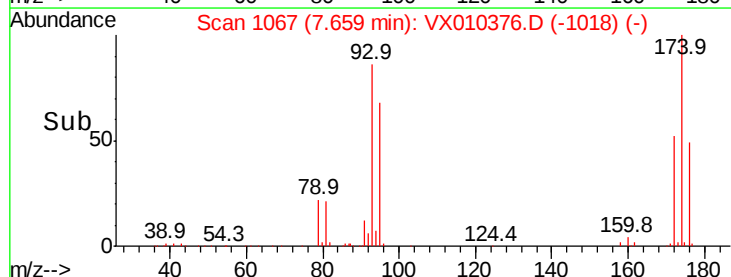
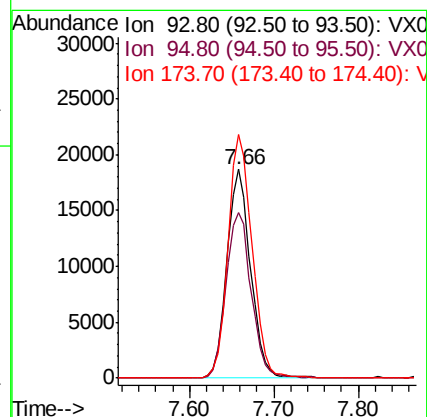
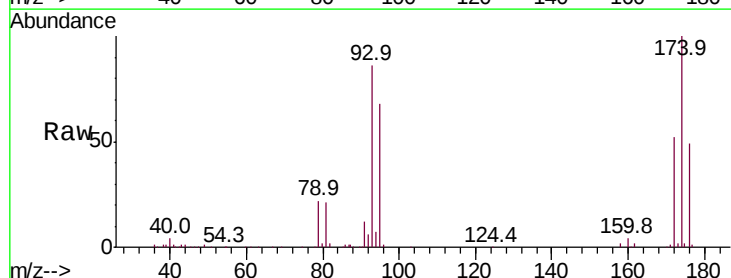
Tgt Ion: 93 Resp: 35989

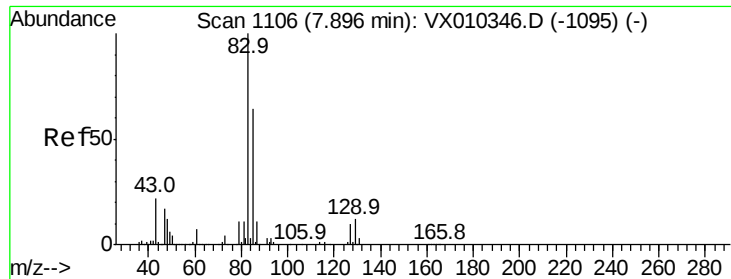
Ion Ratio Lower Upper

93 100

95 84.1 67.5 101.3

174 117.5 95.8 143.6





#47

Bromodichloromethane

Concen: 18.250 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

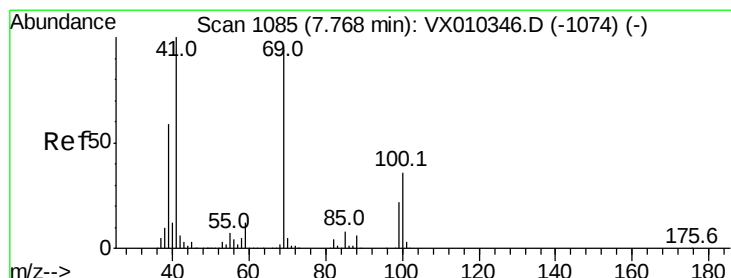
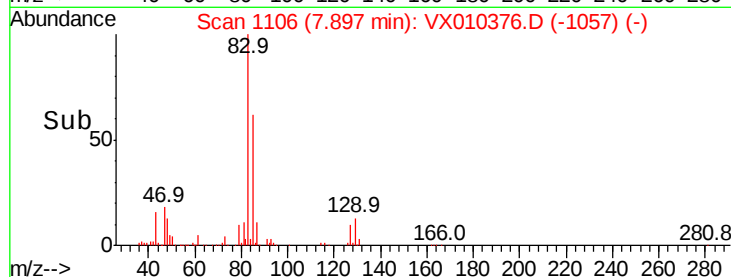
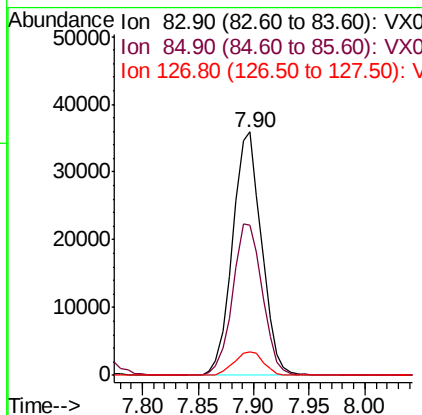
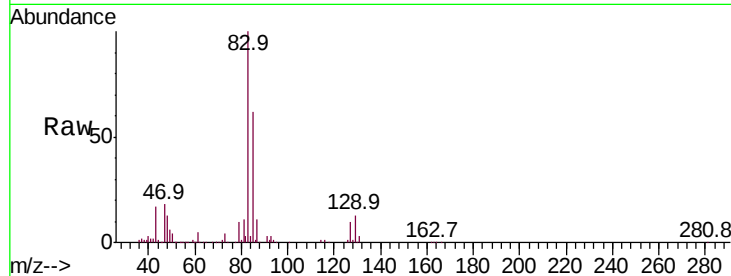
ClientSampleId :

VX0621WBS01

Tot Ion:	83	Resp:	64814
Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.5	77.3
127	9.6	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.295 ug/l

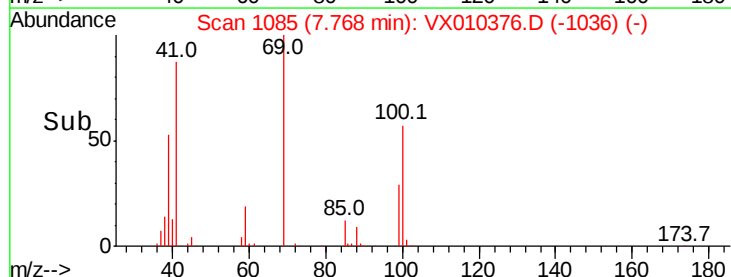
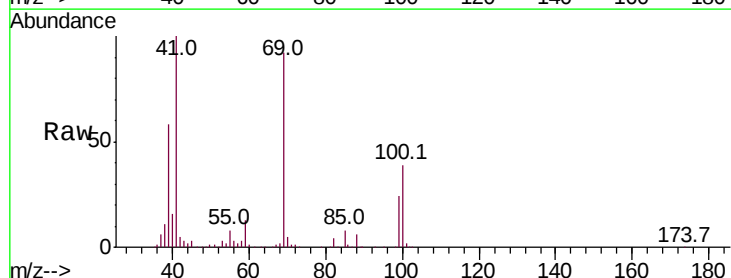
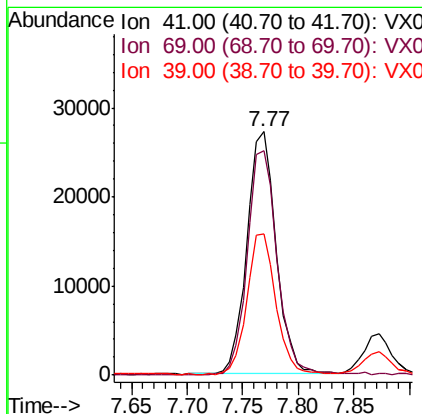
RT: 7.77 min Scan# 1085

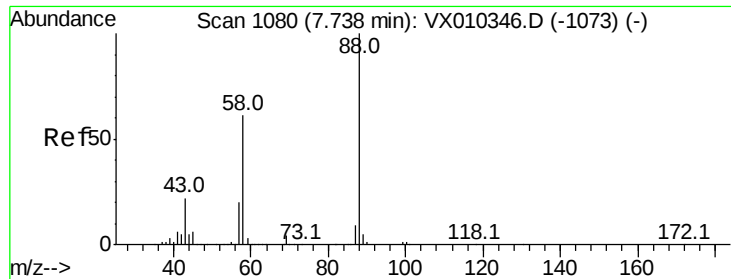
Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Tgt Ion:	41	Resp:	49693
Ion	Ratio	Lower	Upper
41	100		
69	95.5	76.1	114.1
39	58.7	47.6	71.4





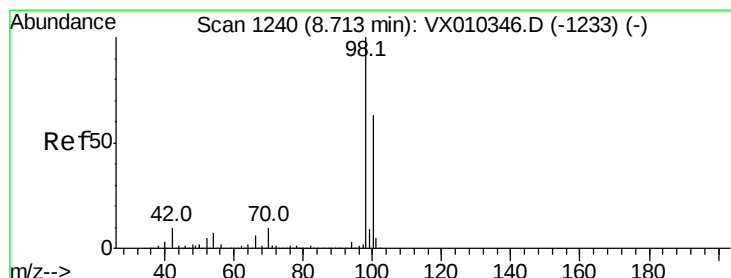
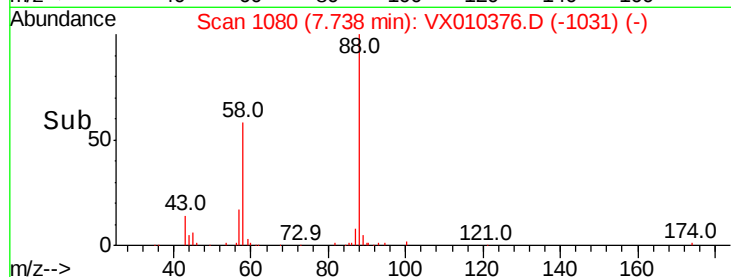
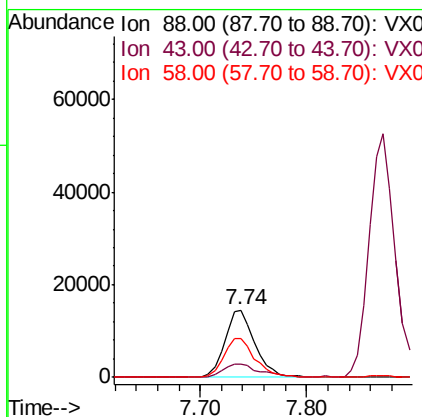
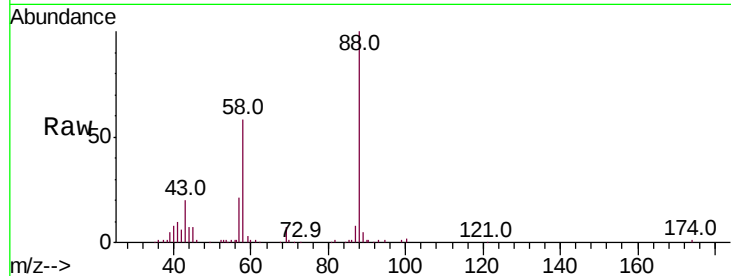
#49
1,4-Dioxane
Concen: 365.349 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	23.4	20.2	30.2
58	60.8	49.5	74.3

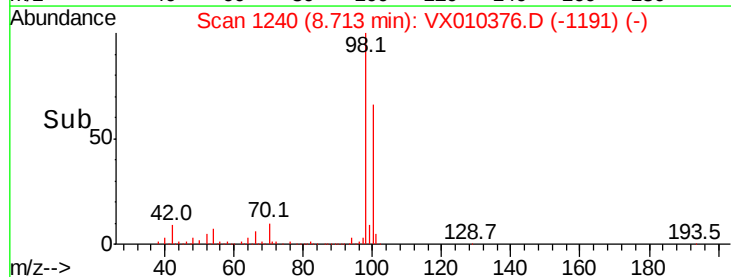
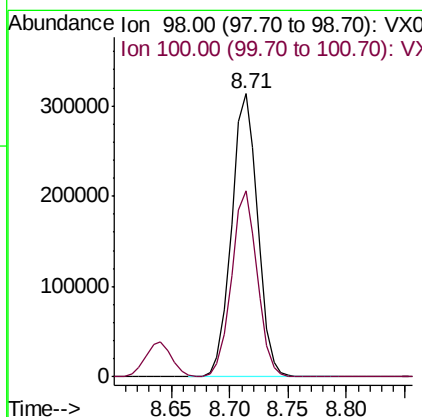
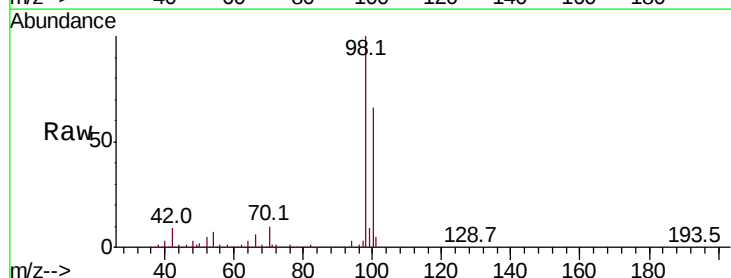
Manual Integrations
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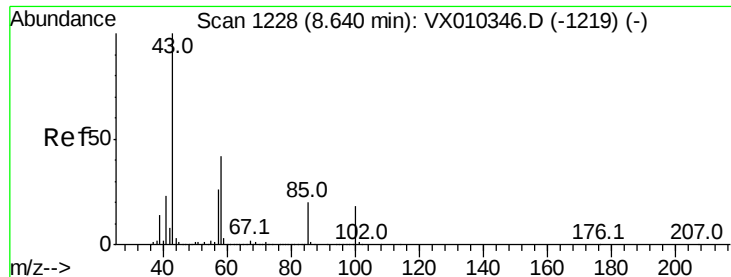
MMDadoda
6/24/2019 11:23:03 AM



#50
Toluene-d8
Concen: 48.390 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 90.737 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 43 Resp: 339114

Ion Ratio Lower Upper

43 100

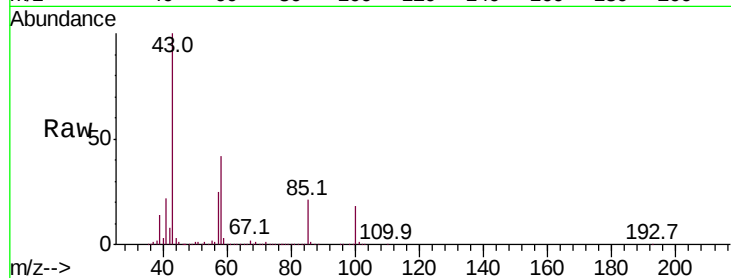
58 41.0 33.5 50.3

Manual Integrations

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6/24/2019 11:23:03 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

250000

200000

150000

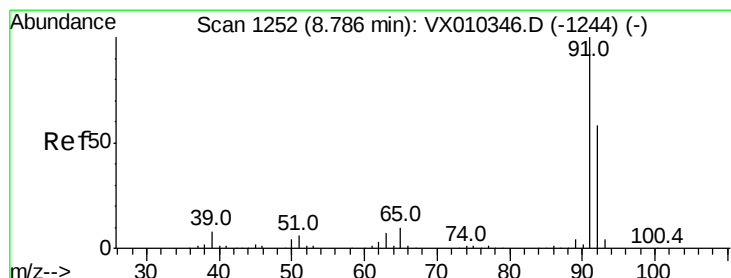
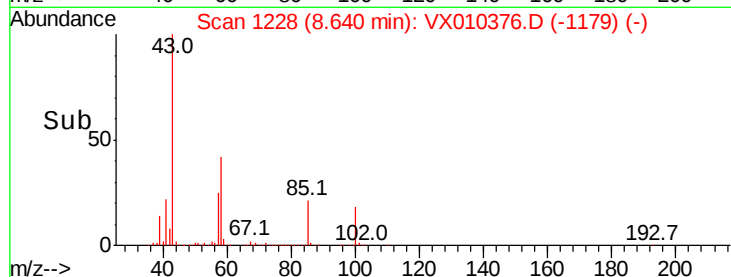
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 18.500 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010376.D

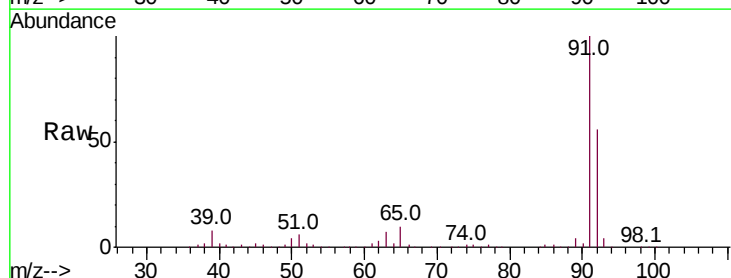
Acq: 21 Jun 2019 11:54

Tgt Ion: 92 Resp: 130313

Ion Ratio Lower Upper

92 100

91 175.5 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

150000

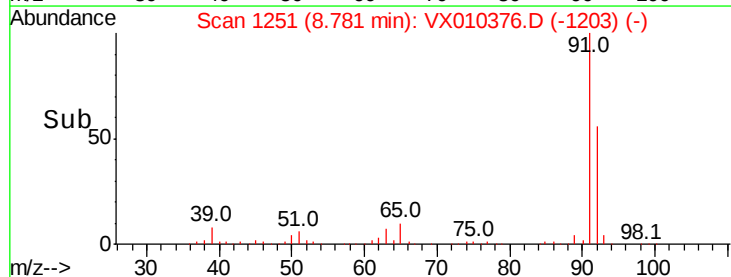
100000

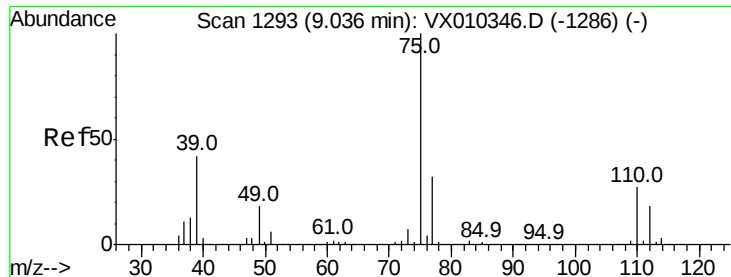
50000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.879 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 75 Resp: 71189

Ion Ratio Lower Upper

75 100

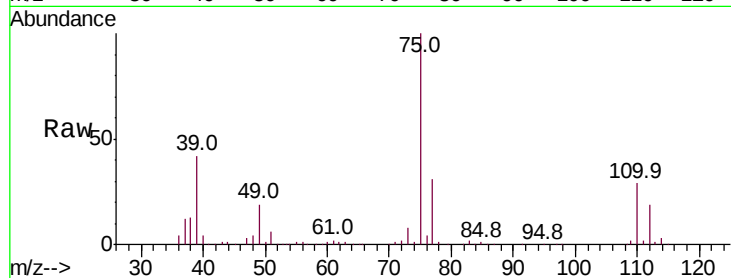
77 30.5 25.4 38.2

Manual Integrations

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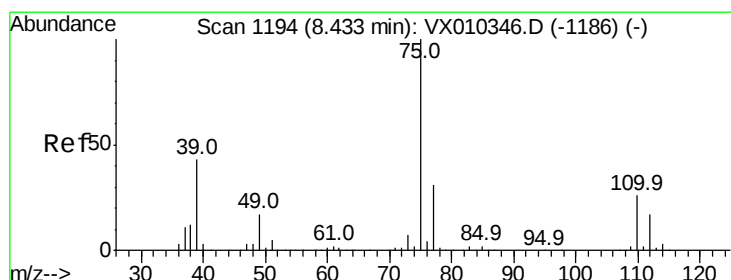
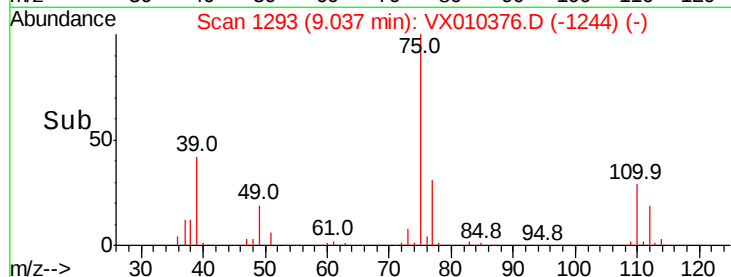
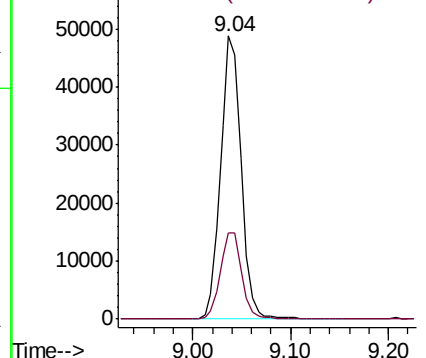
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.331 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

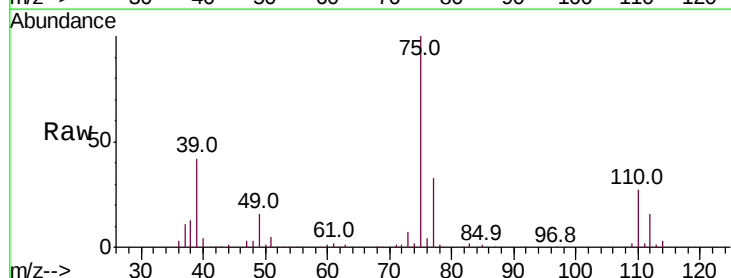
Tgt Ion: 75 Resp: 79319

Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8

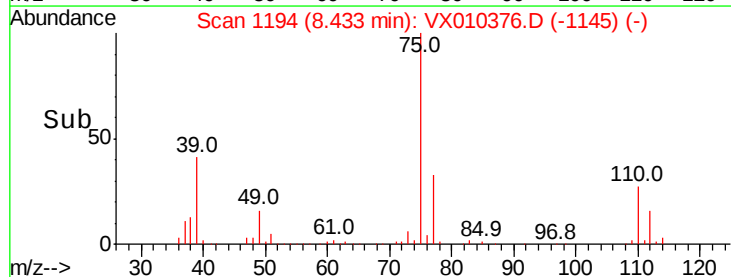
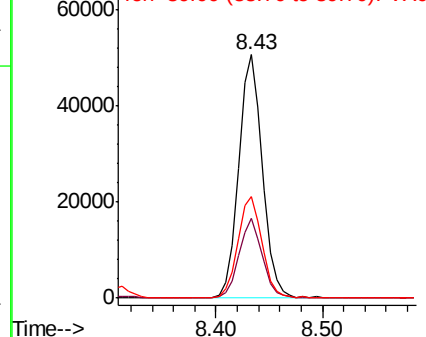
39 41.3 34.5 51.7

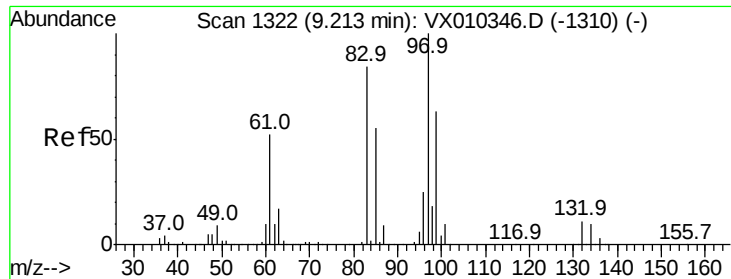


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 18.154 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 97 Resp: 52737

Ion Ratio Lower Upper

97 100

83 80.1 67.4 101.0

85 52.4 43.8 65.8

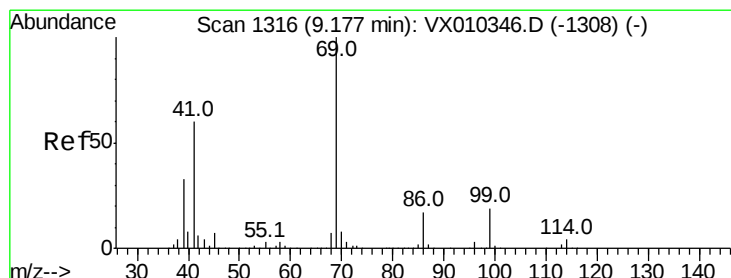
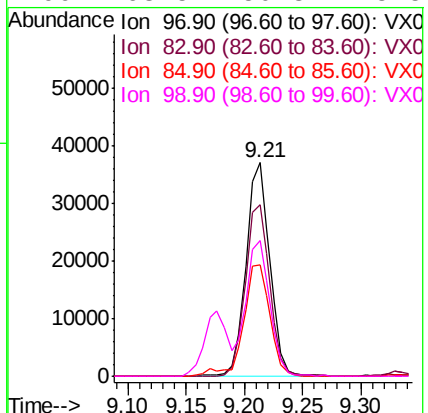
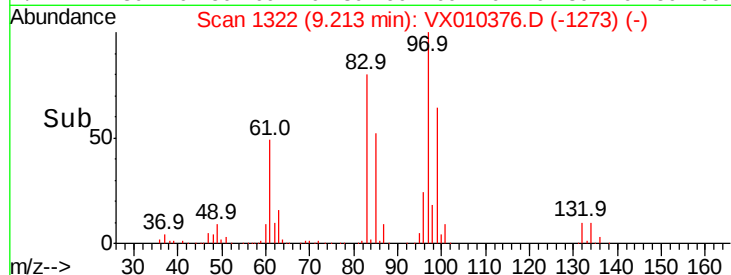
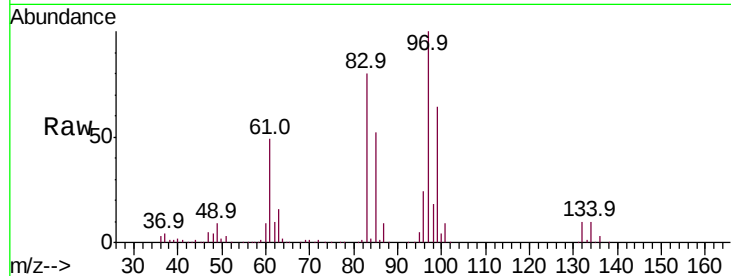
99 63.5 50.3 75.5

Manual Integrations

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#56

Ethyl methacrylate

Concen: 17.916 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

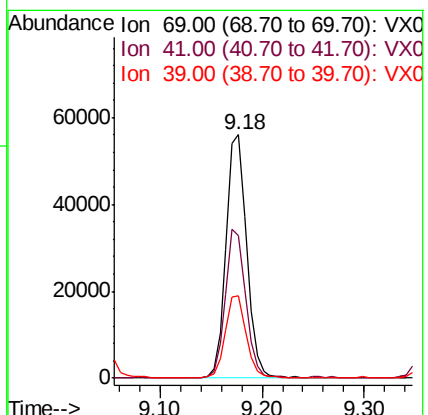
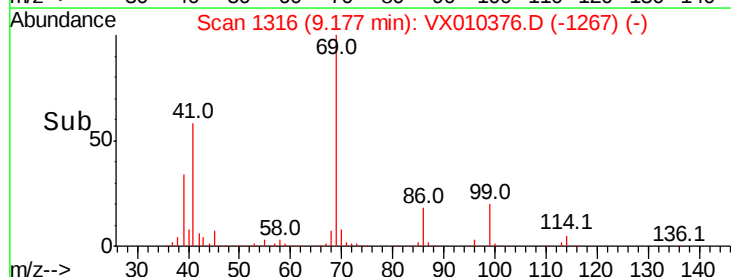
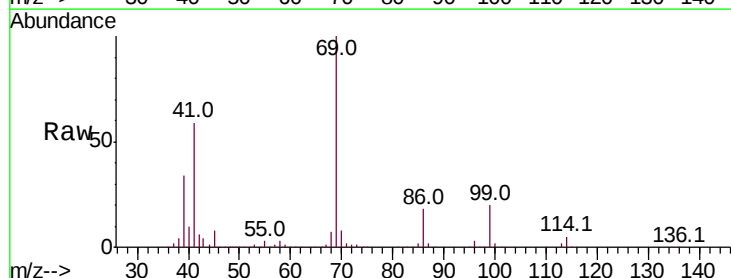
Tgt Ion: 69 Resp: 78841

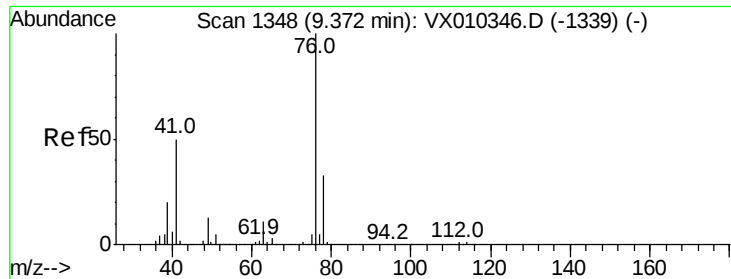
Ion Ratio Lower Upper

69 100

41 60.0 47.1 70.7

39 33.9 26.6 40.0





#57

1,3-Dichloropropane

Concen: 18.392 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

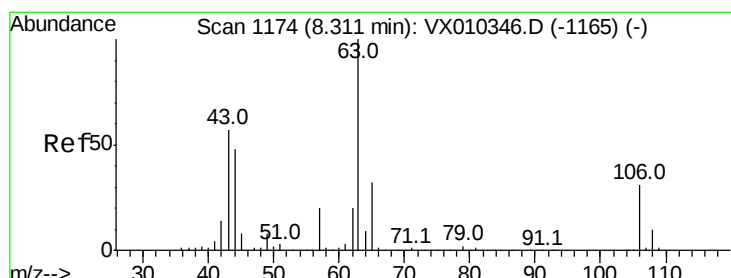
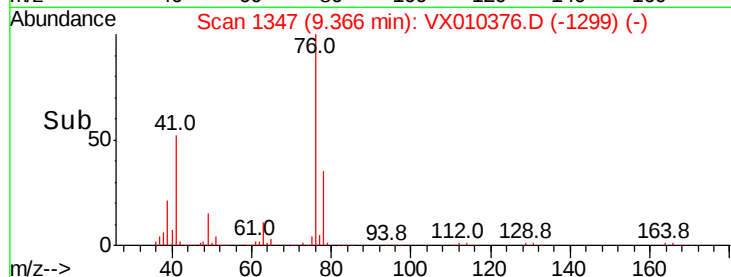
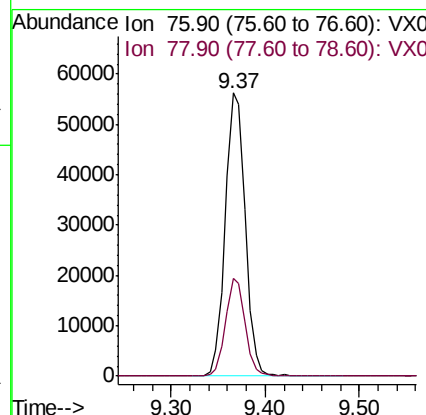
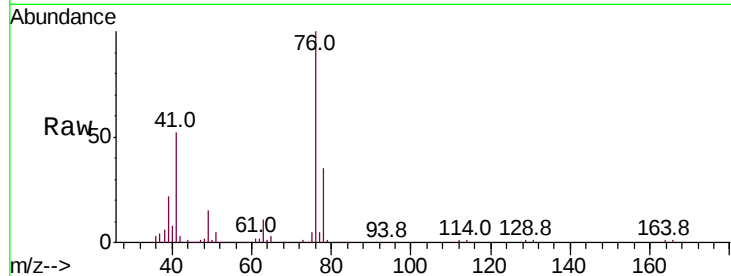
Instrument :
MSVOA_X
ClientSampled :
VX0621WBS01

Tot Ion: 76 Resp: 82938

Ion	Ratio	Lower	Upper
76	100		
78	33.8	26.1	39.1

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 91.343 ug/l

RT: 8.30 min Scan# 1173

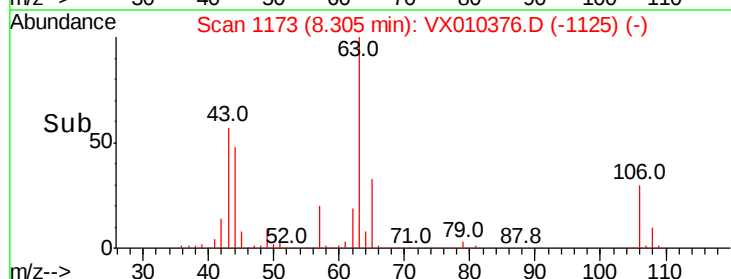
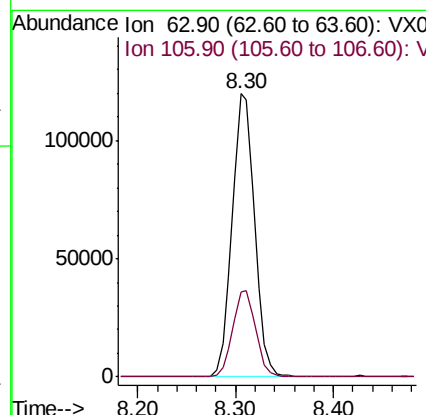
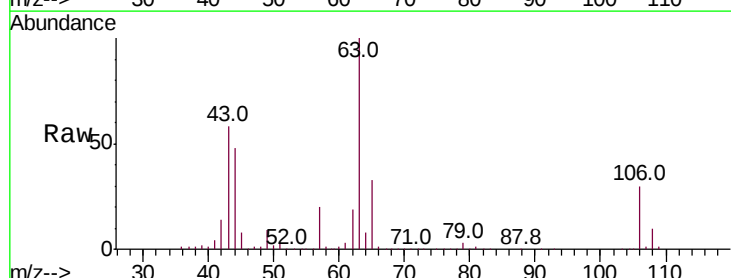
Delta R.T. -0.01 min

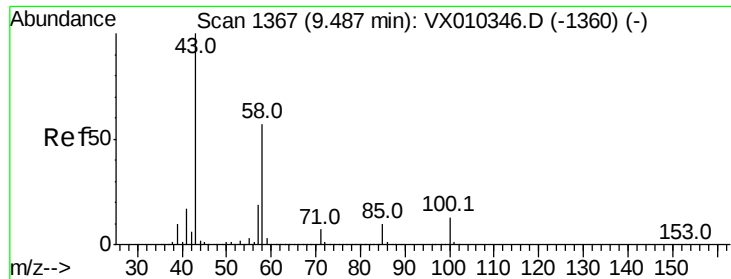
Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Tgt Ion: 63 Resp: 190907

Ion	Ratio	Lower	Upper
63	100		
106	31.2	24.7	37.1





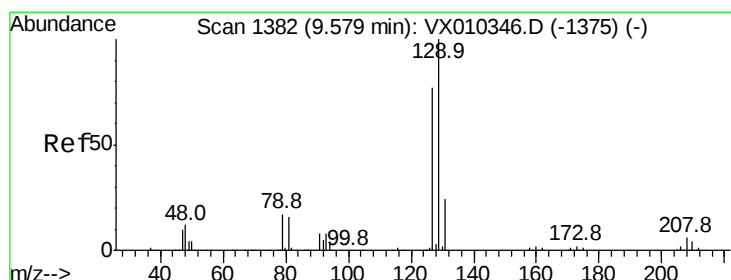
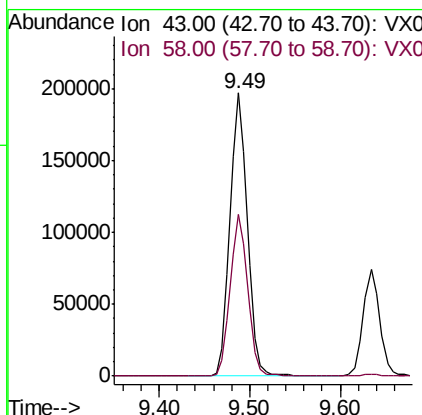
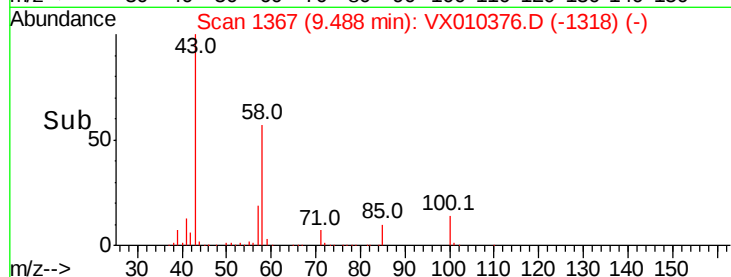
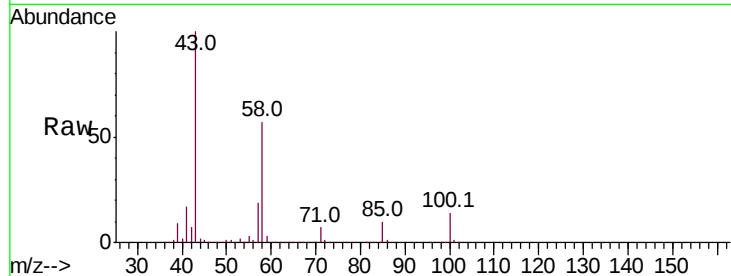
#59
2-Hexanone
Concen: 89.474 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion: 43 Resp: 263178
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.1

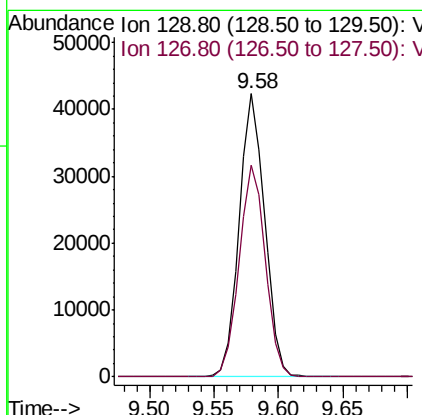
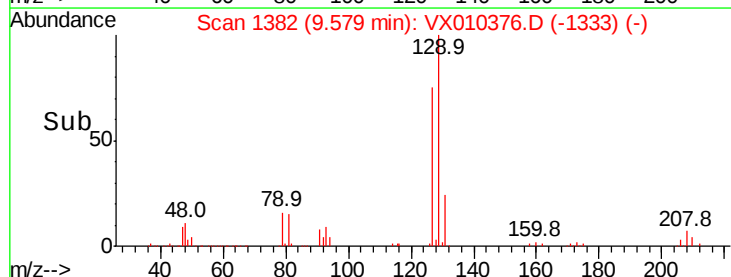
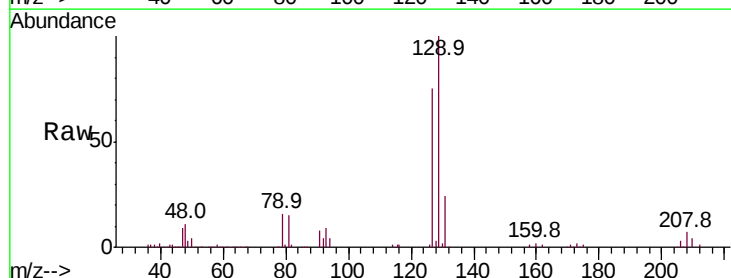
Manual Integrations
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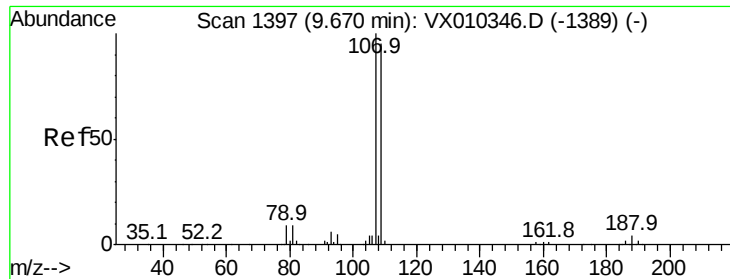
MMDadoda
6/24/2019 11:23:03 AM



#60
Dibromochloromethane
Concen: 17.861 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 129 Resp: 58095
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 17.809 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion:107 Resp: 55843

Ion Ratio Lower Upper

107 100

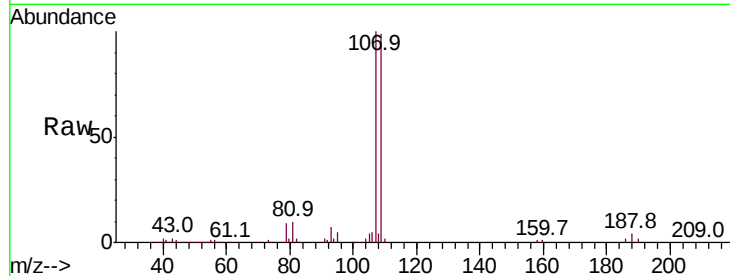
109 96.7 75.8 113.6

Manual Integrations

APPROVED

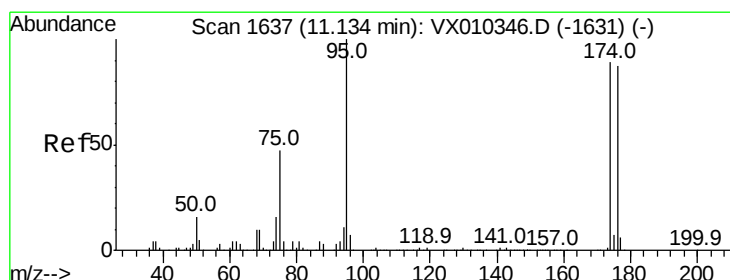
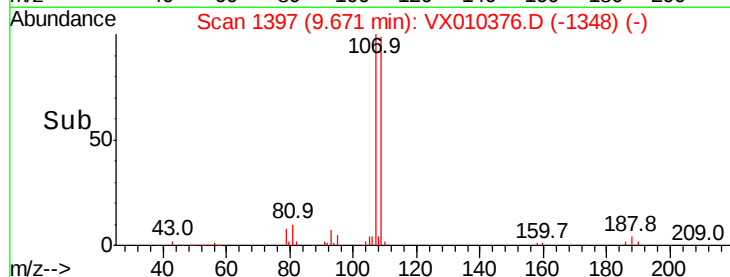
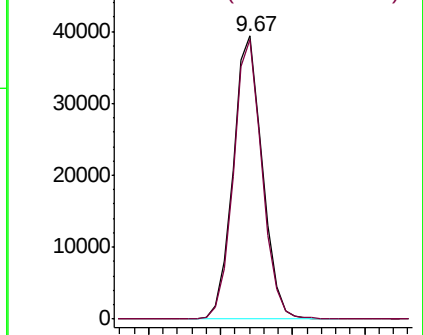
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.819 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

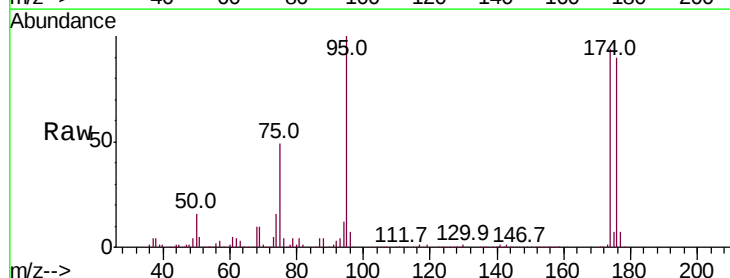
Tgt Ion: 95 Resp: 170938

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.6

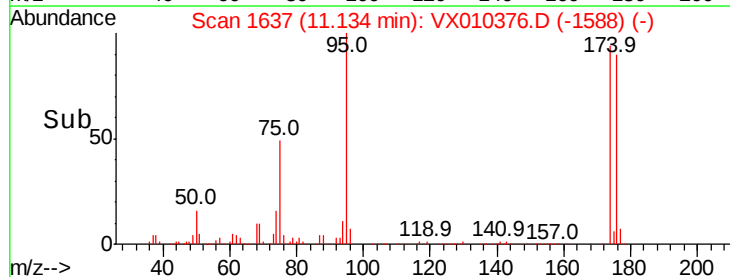
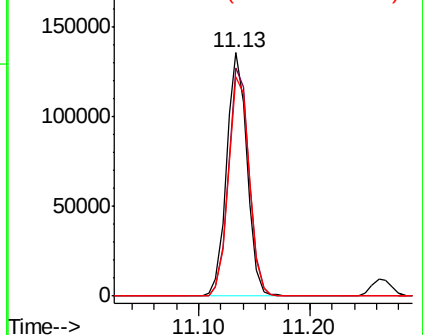
176 92.6 0.0 184.0

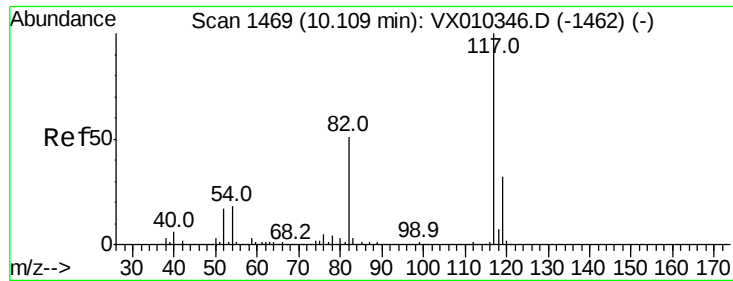


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





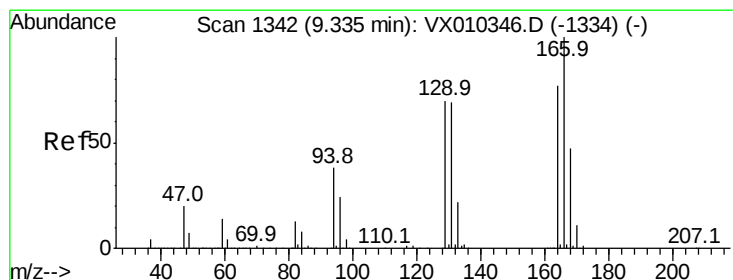
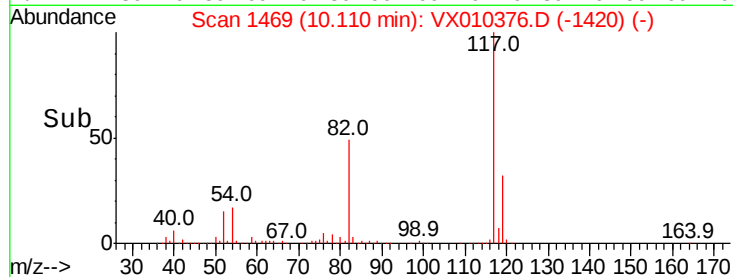
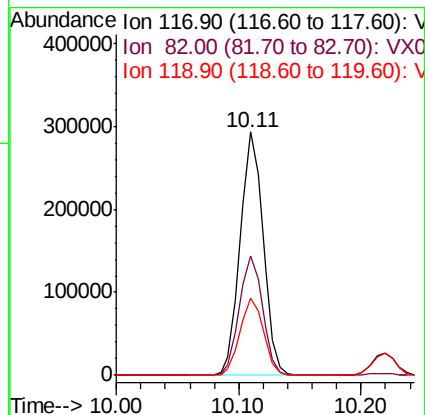
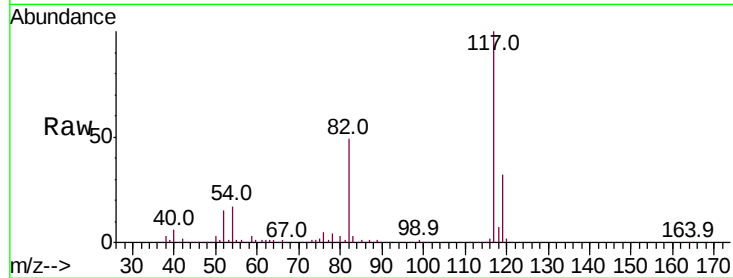
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion:	117	Resp:	382856
Ion Ratio	Lower	Upper	
117	100		
82	49.0	41.2	61.8
119	31.9	25.5	38.3

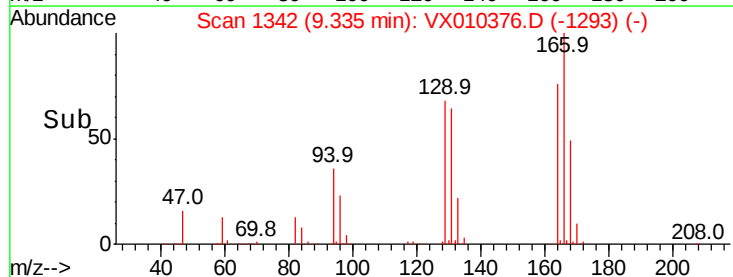
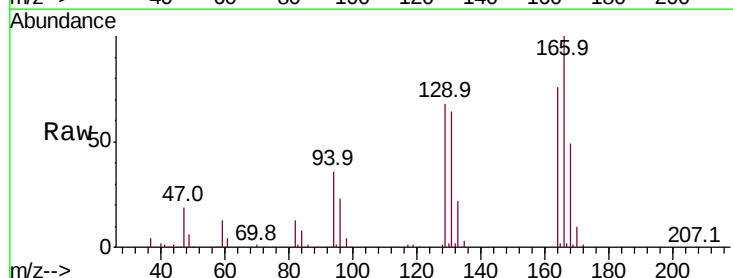
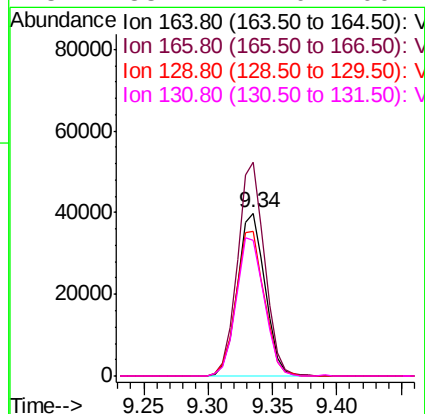
Manual Integrations
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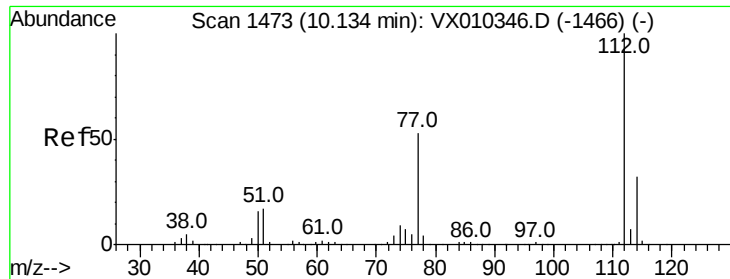
MMDadoda
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#64
Tetrachloroethene
Concen: 19.147 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion:	164	Resp:	59293
Ion Ratio	Lower	Upper	
164	100		
166	131.2	103.6	155.4
129	88.9	73.0	109.4
131	83.4	71.0	106.4





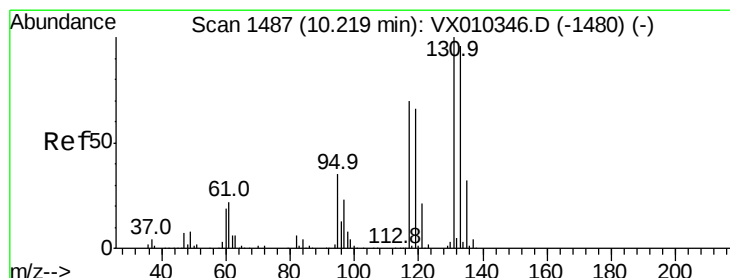
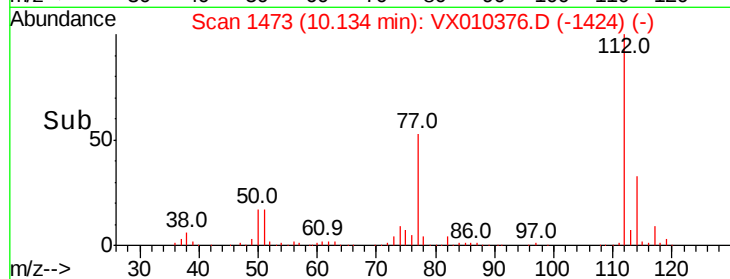
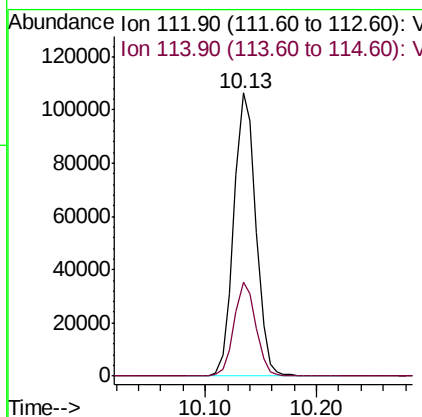
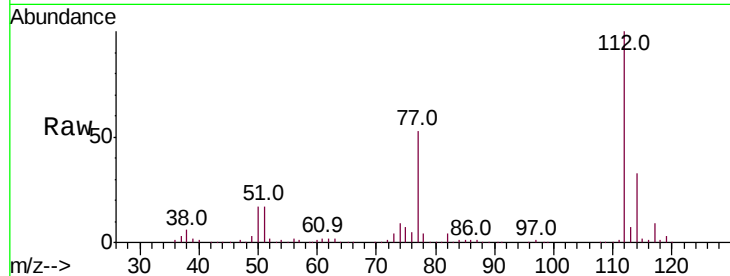
#65
Chlorobenzene
Concen: 18.827 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.4	38.2

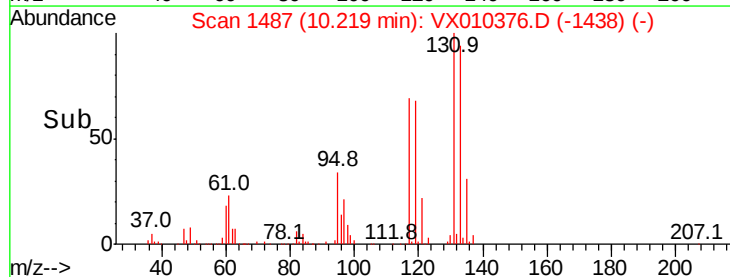
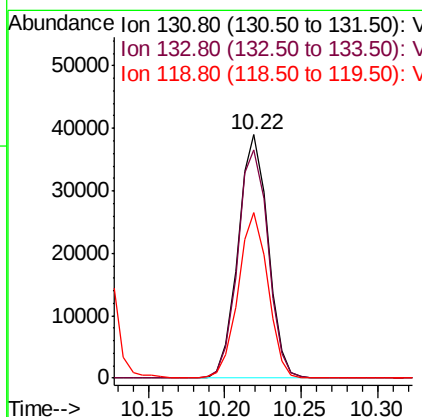
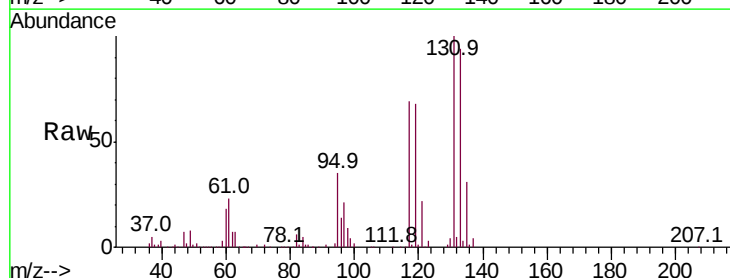
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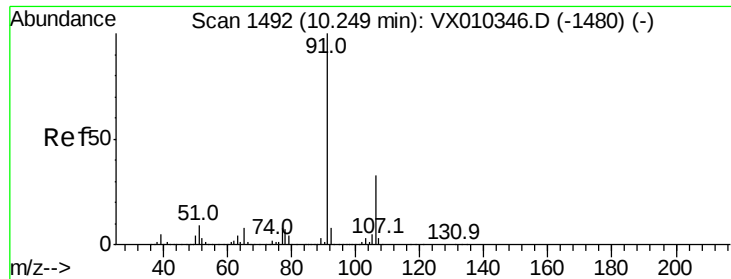
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.740 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.7	143.1
119	67.6	32.6	97.7





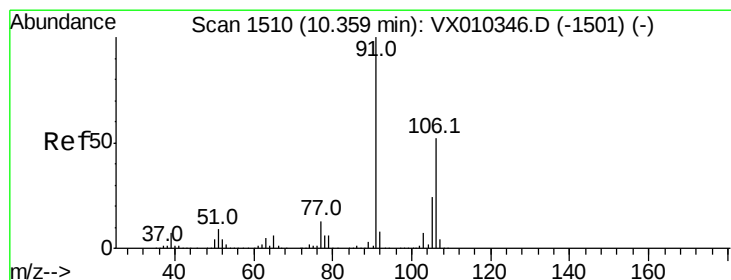
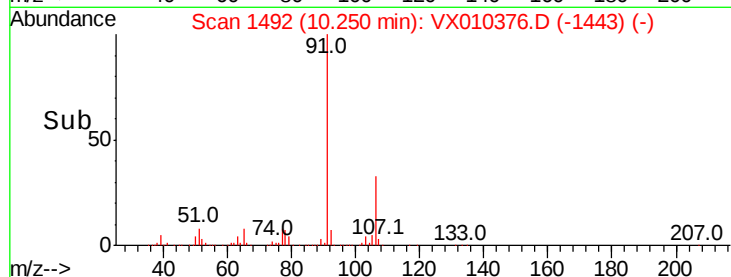
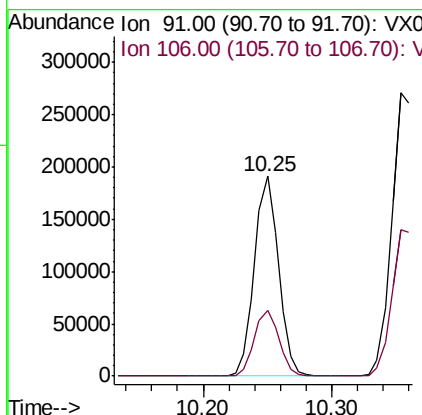
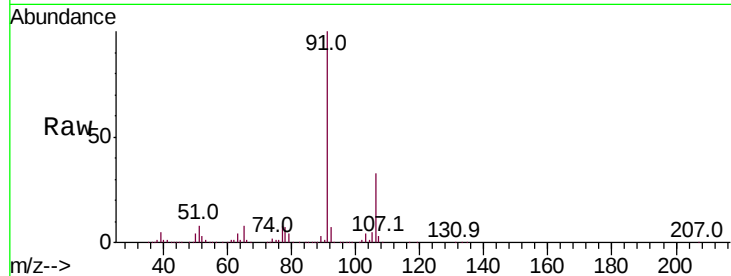
#67
Ethyl Benzene
Concen: 18.742 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0621WBS01

Tot Ion: 91 Resp: 245935
Ion Ratio Lower Upper
91 100
106 33.1 26.2 39.2

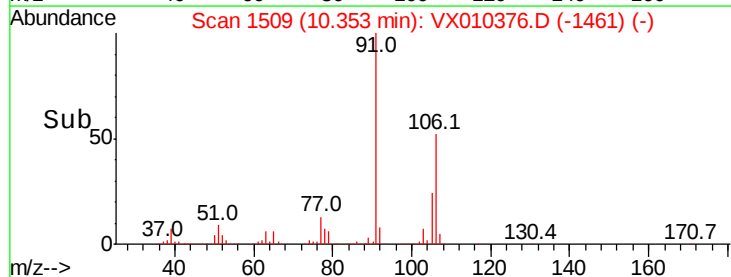
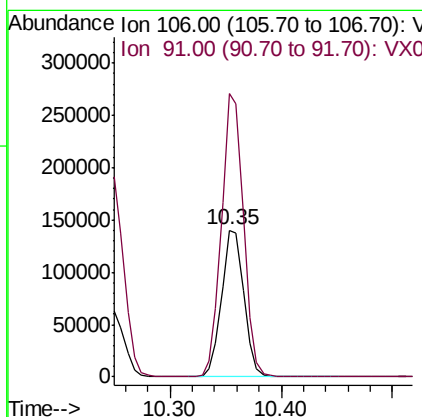
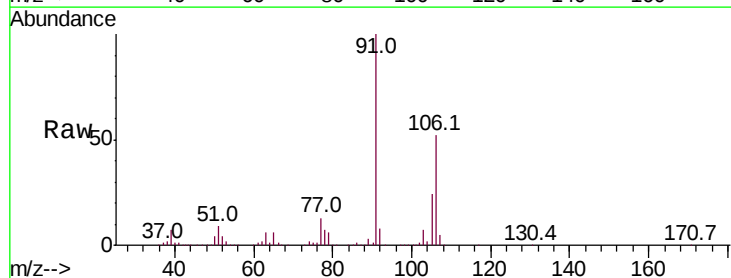
Manual Integrations
APPROVED

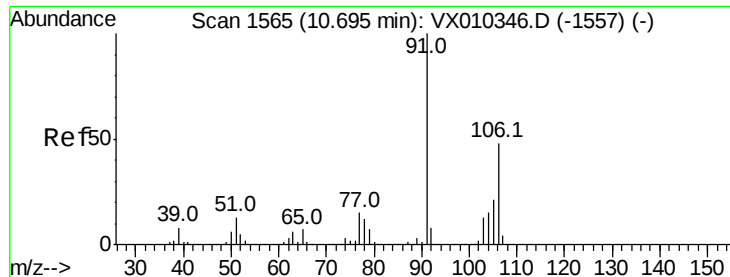
MMDadoda
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#68
m/p-Xylenes
Concen: 38.185 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 106 Resp: 194149
Ion Ratio Lower Upper
106 100
91 191.1 155.3 232.9





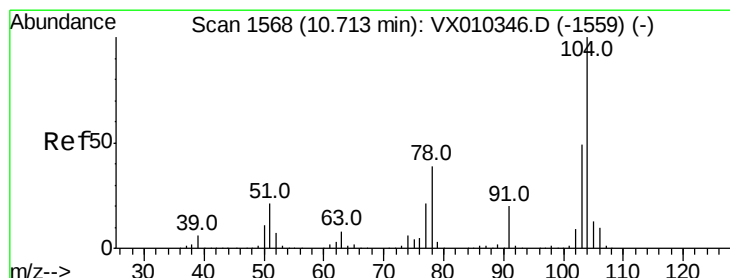
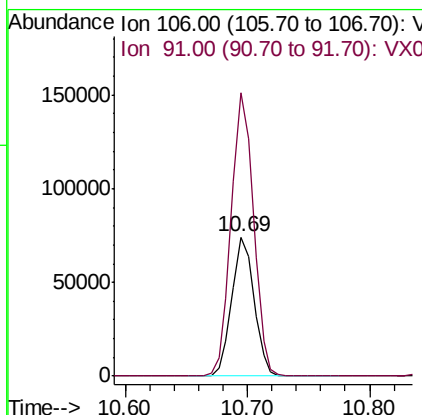
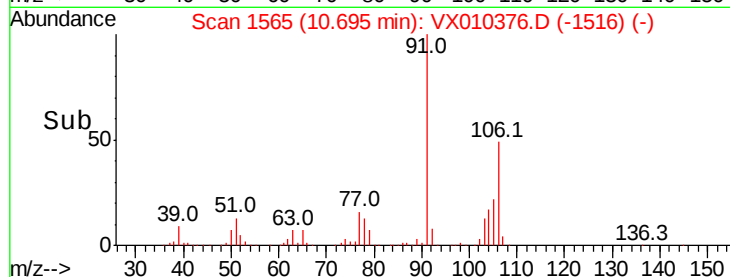
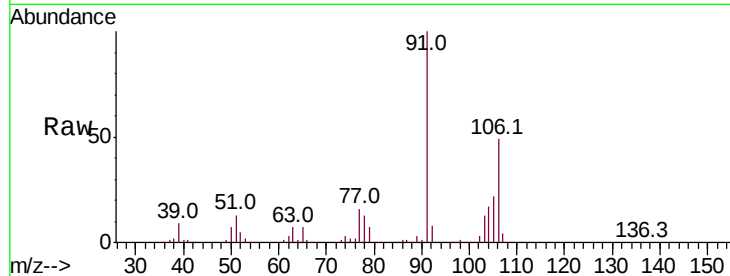
#69
o-Xylene
Concen: 18.688 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0621WBS01

Tot Ion:106 Resp: 93444
Ion Ratio Lower Upper
106 100
91 204.2 102.7 308.1

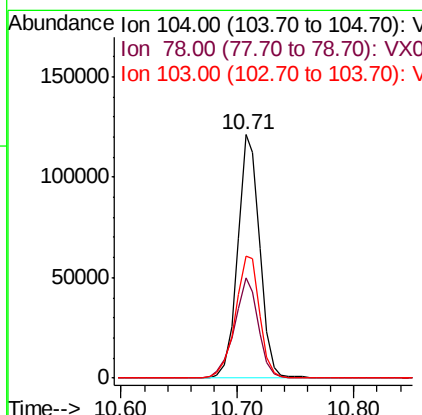
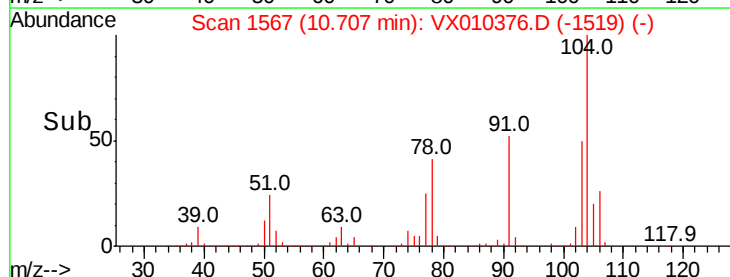
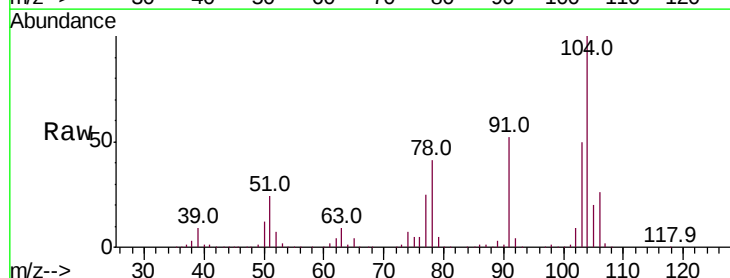
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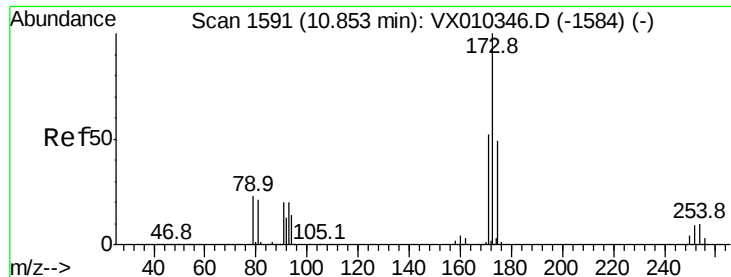
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#70
Styrene
Concen: 18.952 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion:104 Resp: 158919
Ion Ratio Lower Upper
104 100
78 44.9 36.2 54.2
103 55.5 44.2 66.4





#71

Bromoform

Concen: 18.032 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion:173 Resp: 44396

Ion Ratio Lower Upper

173 100

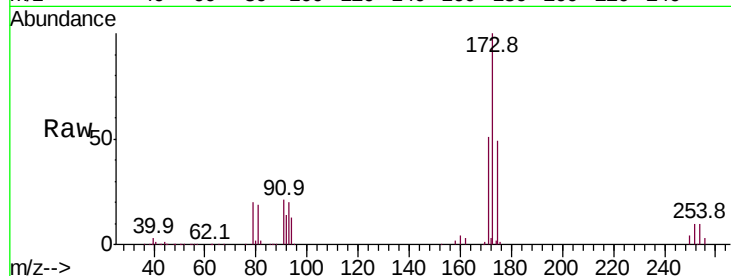
175 47.7 24.1 72.3

254 0.0 0.2 0.2#

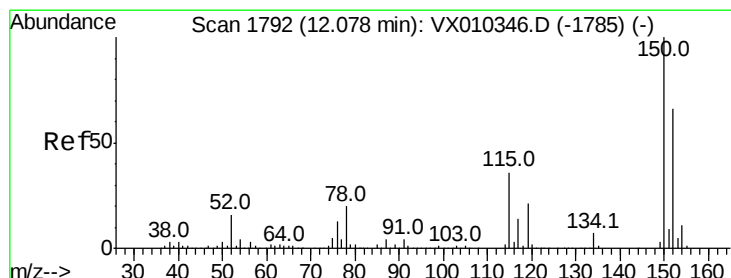
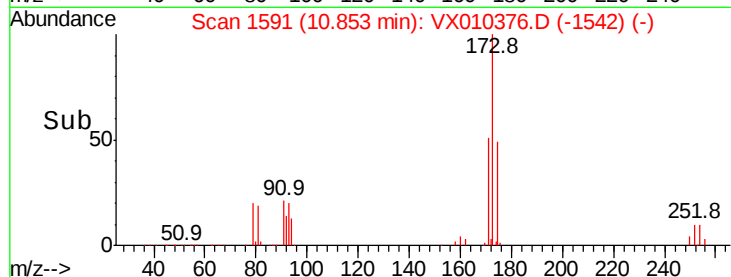
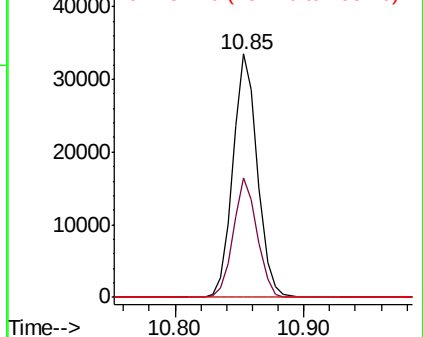
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

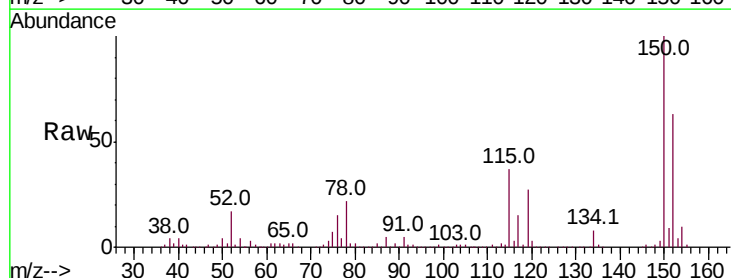
Tgt Ion:152 Resp: 197081

Ion Ratio Lower Upper

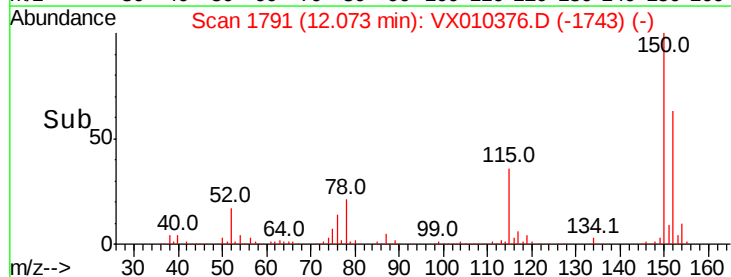
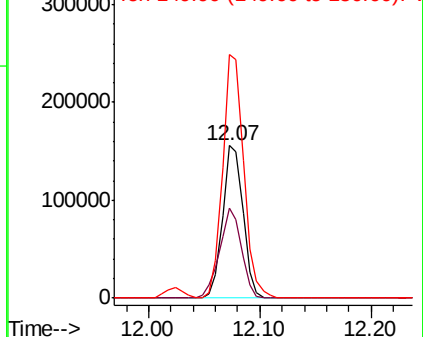
152 100

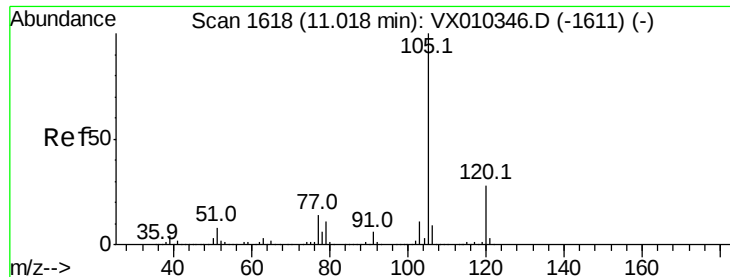
115 63.4 38.6 115.7

150 165.6 0.0 347.4



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





#73

Isopropylbenzene

Concen: 18.665 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 105 Resp: 249361

Ion Ratio Lower Upper

105 100

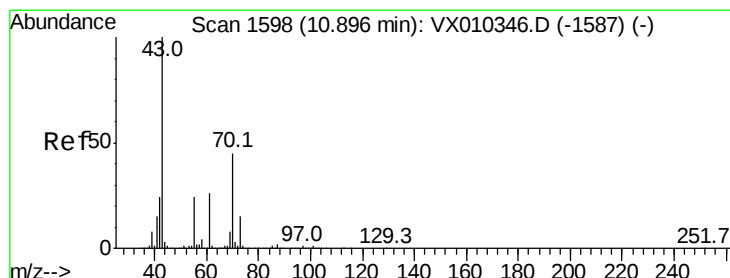
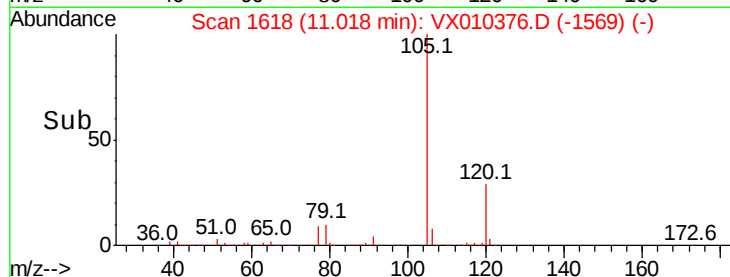
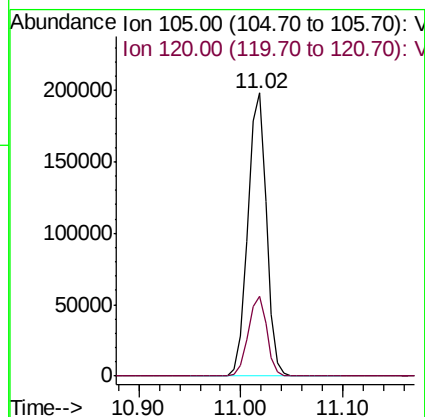
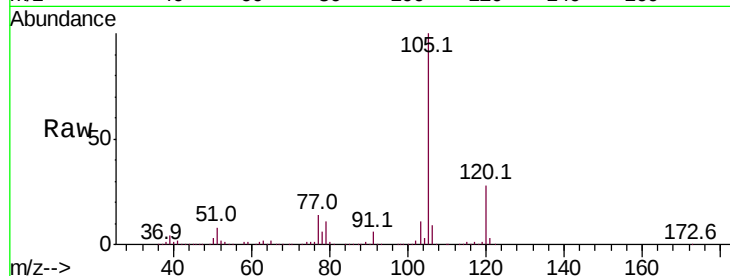
120 28.4 14.1 42.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.523 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Tgt Ion: 43 Resp: 93521

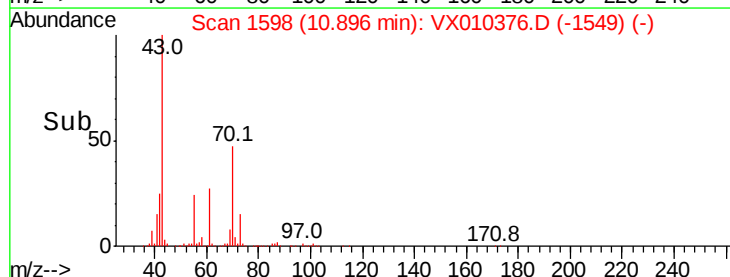
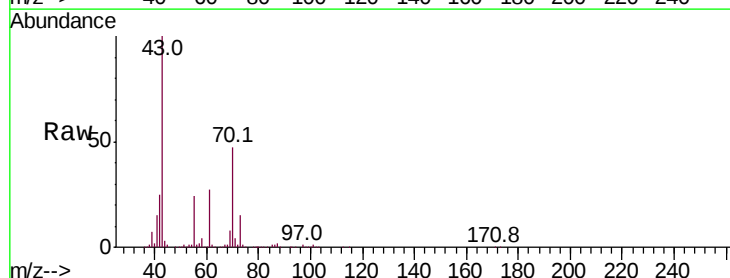
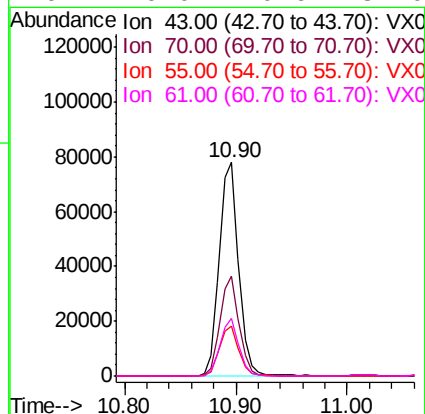
Ion Ratio Lower Upper

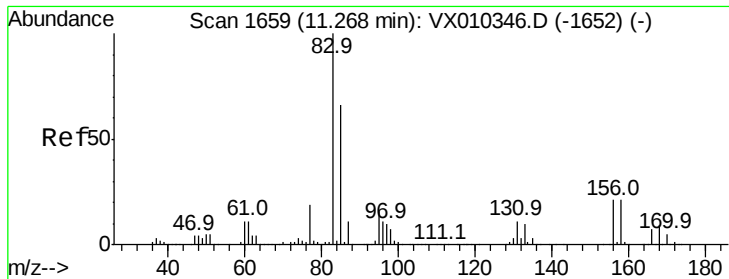
43 100

70 46.0 36.6 54.8

55 23.9 18.7 28.1

61 26.0 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.145 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 83 Resp: 80279

Ion Ratio Lower Upper

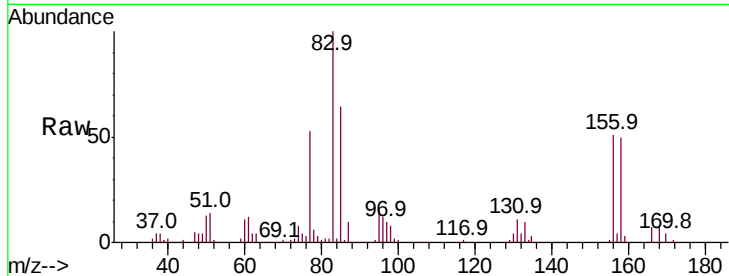
83 100

131 11.0 5.5 16.4

85 65.2 32.3 96.8

Manual Integrations
APPROVED

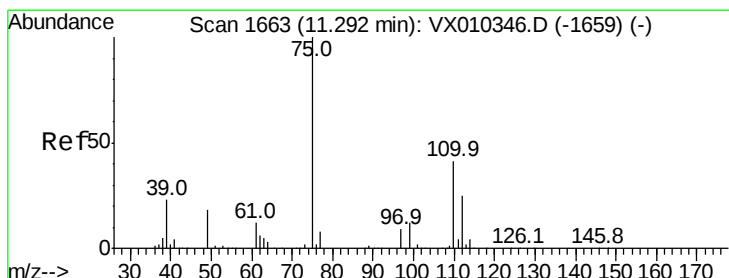
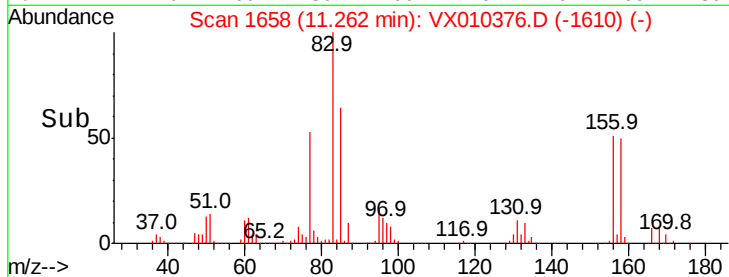
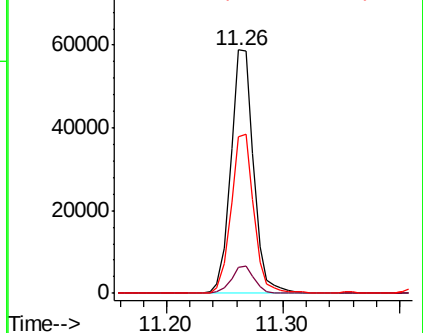
MMDadoda
6/24/2019 11:23:03 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 18.766 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010376.D

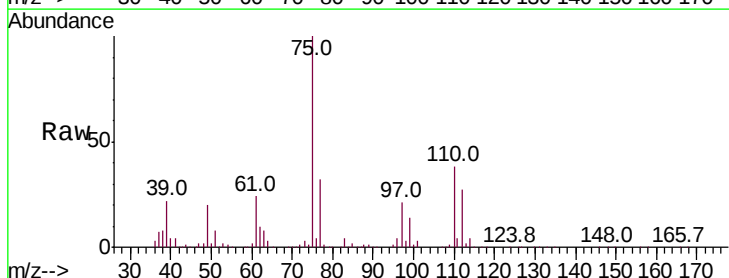
Acq: 21 Jun 2019 11:54

Tgt Ion: 75 Resp: 67395

Ion Ratio Lower Upper

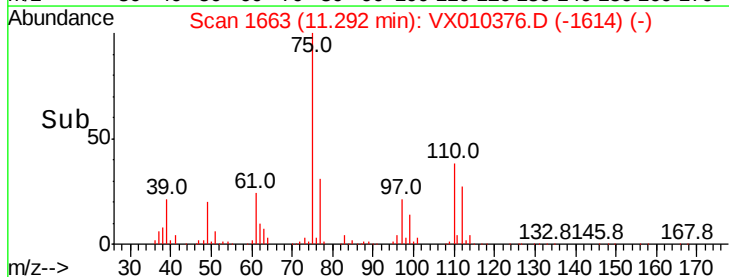
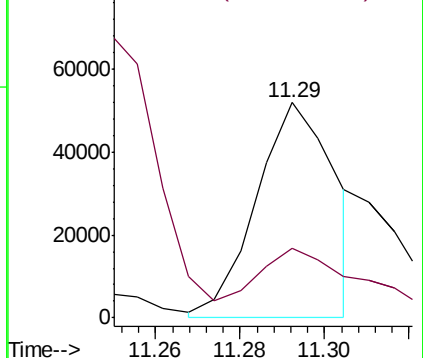
75 100

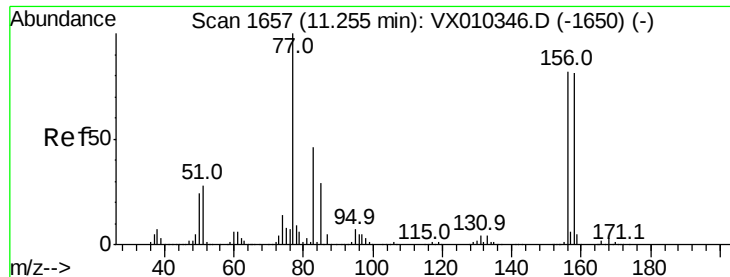
77 43.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.504 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion:156 Resp: 69027

Ion Ratio Lower Upper

156 100

77 130.8 66.3 198.7

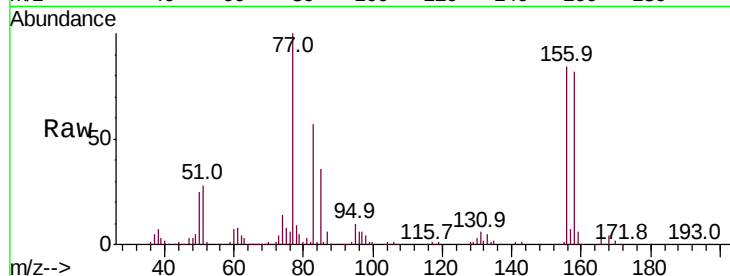
158 97.8 48.9 146.7

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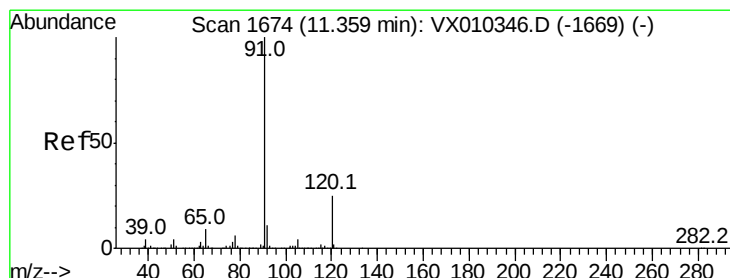
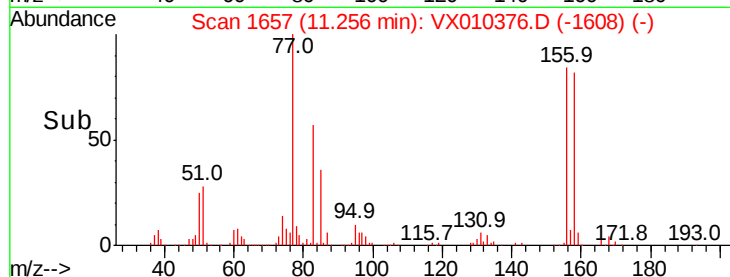
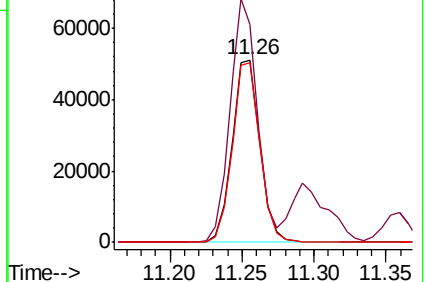
6/24/2019 11:23:03 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.035 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010376.D

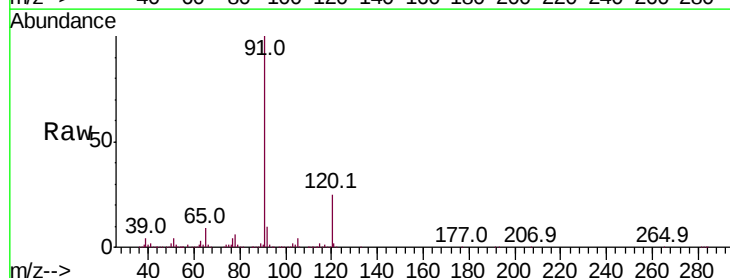
Acq: 21 Jun 2019 11:54

Tgt Ion: 91 Resp: 279494

Ion Ratio Lower Upper

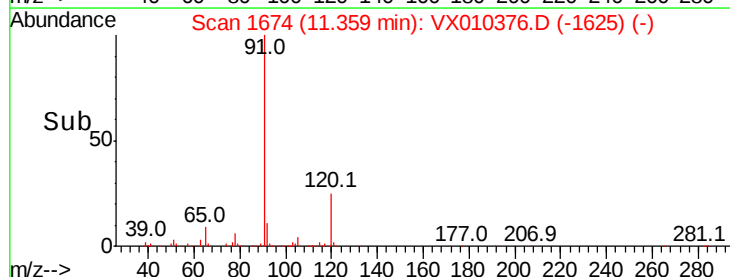
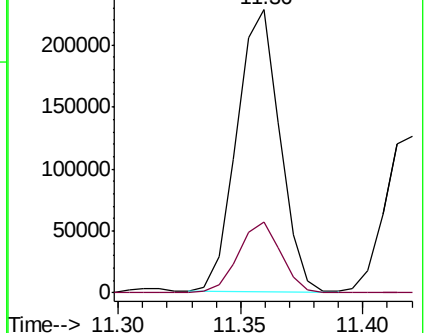
91 100

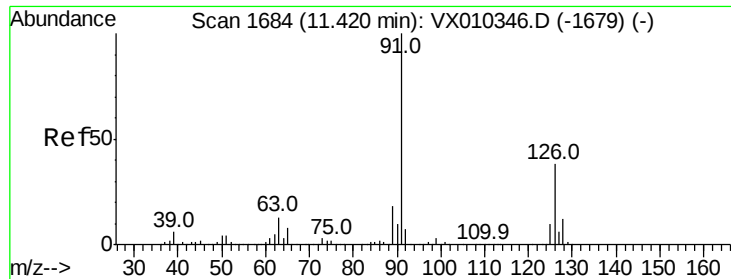
120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





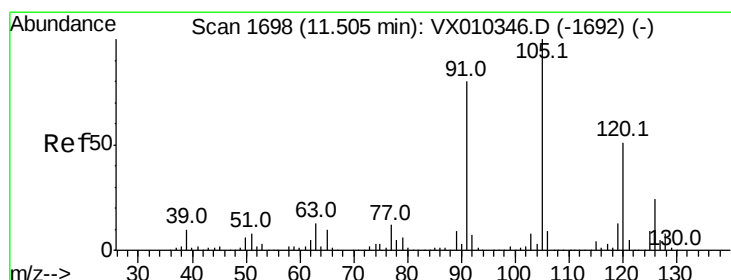
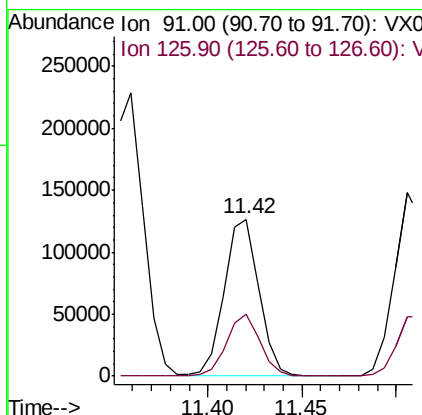
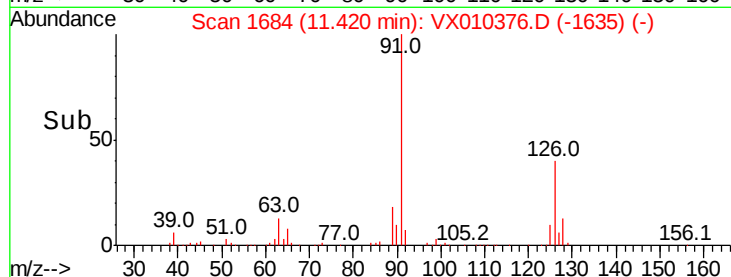
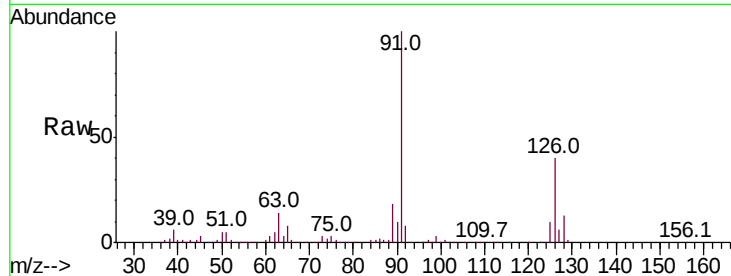
#79
2-Chlorotoluene
Concen: 18.369 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion: 91 Resp: 160604
Ion Ratio Lower Upper
91 100
126 38.1 18.7 56.1

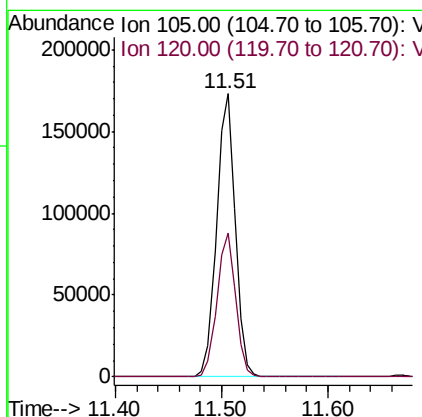
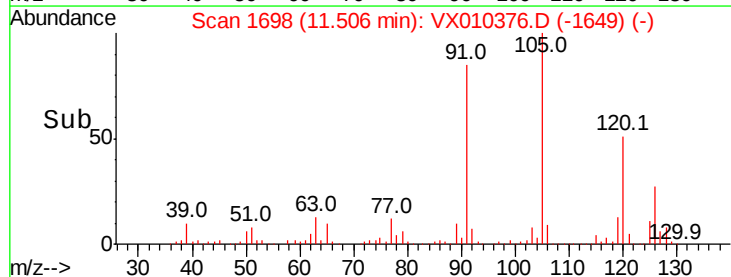
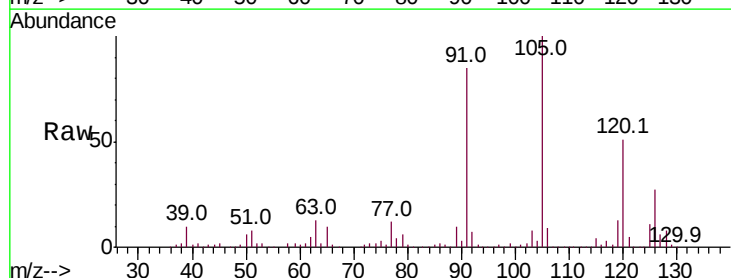
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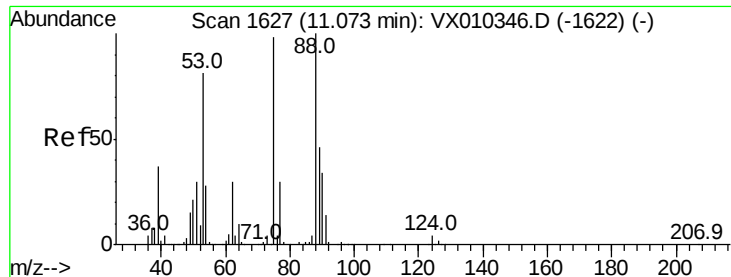
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#80
1,3,5-Trimethylbenzene
Concen: 18.996 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 105 Resp: 209213
Ion Ratio Lower Upper
105 100
120 50.9 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.546 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 75 Resp: 25472

Ion Ratio Lower Upper

75 100

53 86.0 66.1 99.1

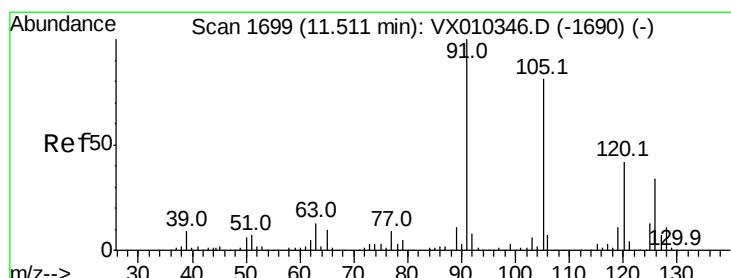
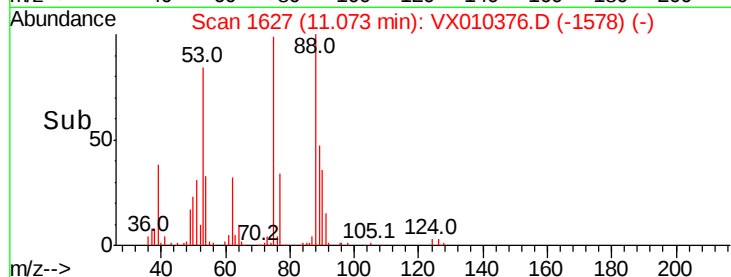
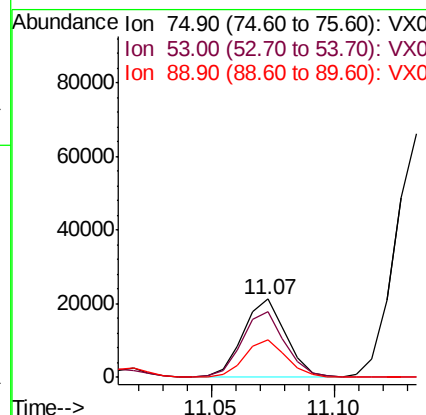
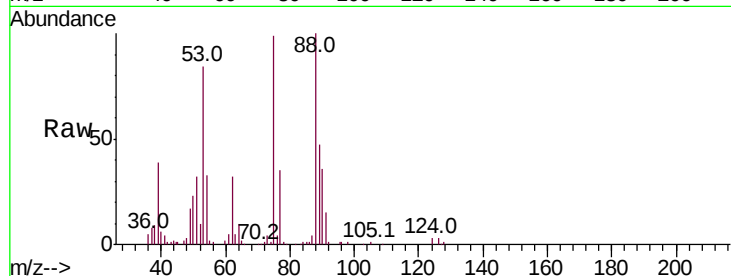
89 47.6 37.8 56.6

Manual Integrations

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#82

4-Chlorotoluene

Concen: 18.537 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010376.D

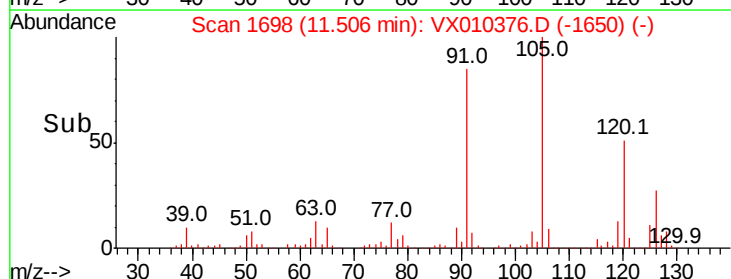
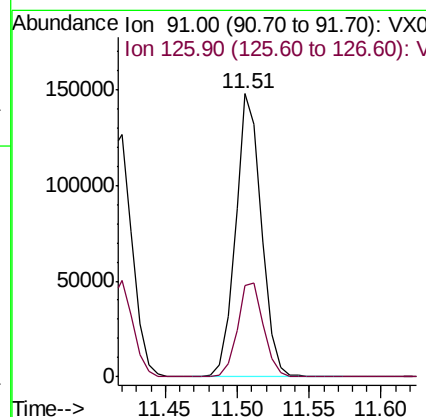
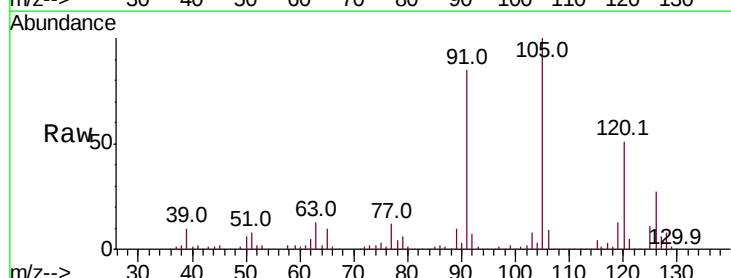
Acq: 21 Jun 2019 11:54

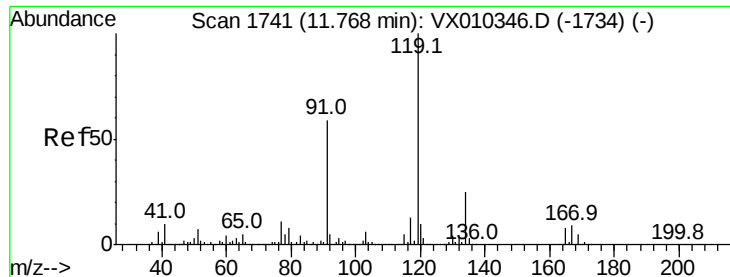
Tgt Ion: 91 Resp: 184423

Ion Ratio Lower Upper

91 100

126 33.7 16.2 48.6





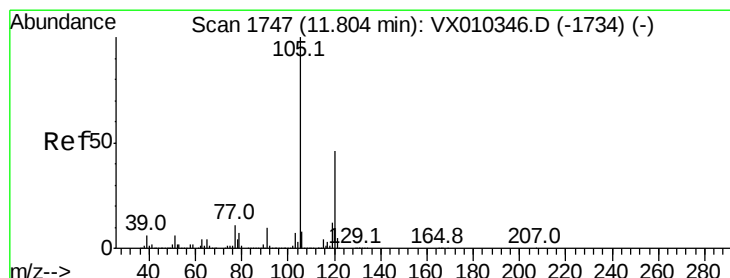
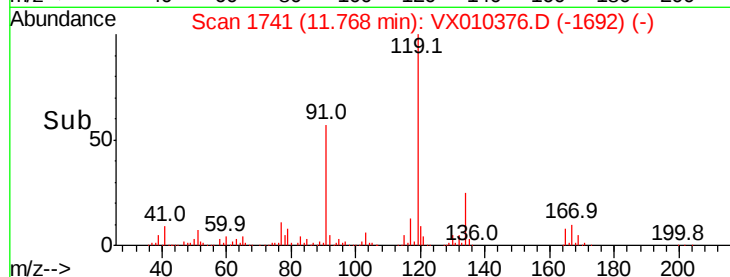
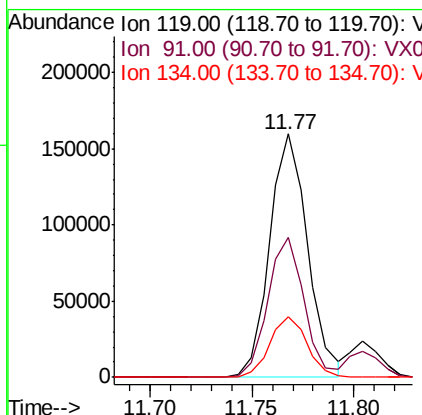
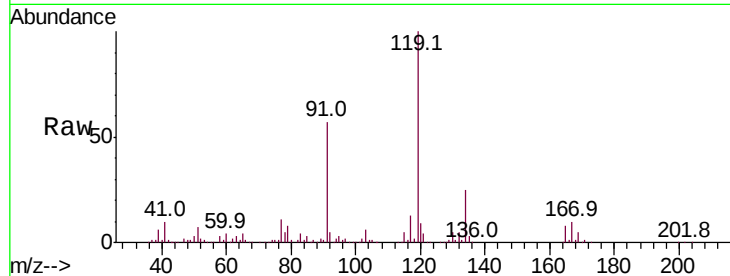
#83
tert-Butylbenzene
Concen: 18.776 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	207548		
91	55.1	27.6	82.7	
134	24.4	11.8	35.4	

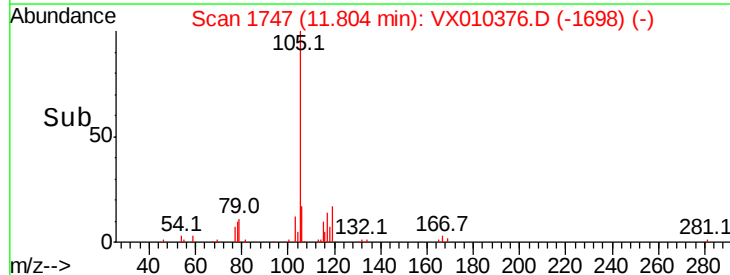
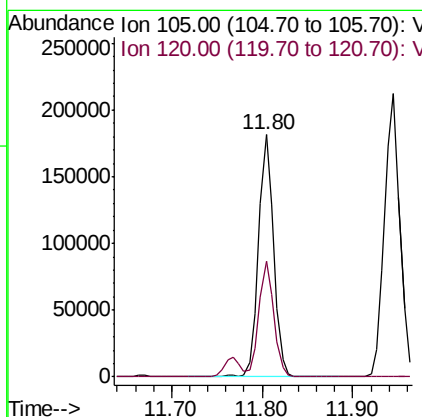
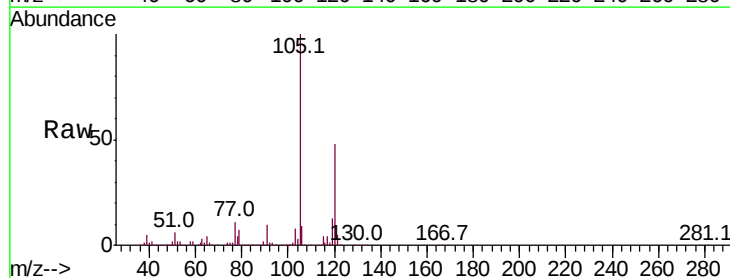
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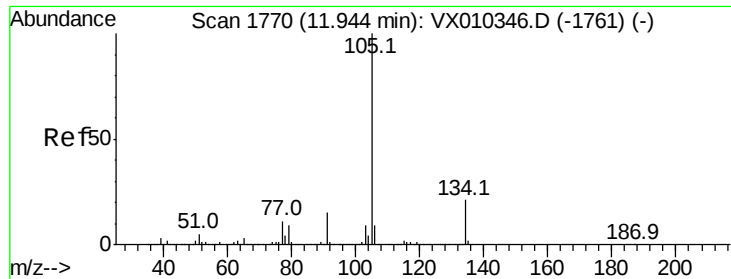
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#84
1,2,4-Trimethylbenzene
Concen: 18.877 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	208875		
120	47.6	23.1	69.2	





#85

sec-Butylbenzene

Concen: 19.364 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion:105 Resp: 251324

Ion Ratio Lower Upper

105 100

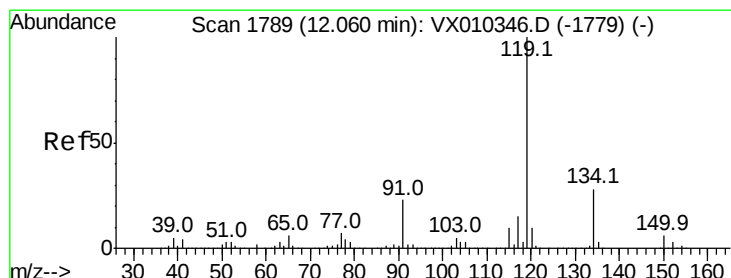
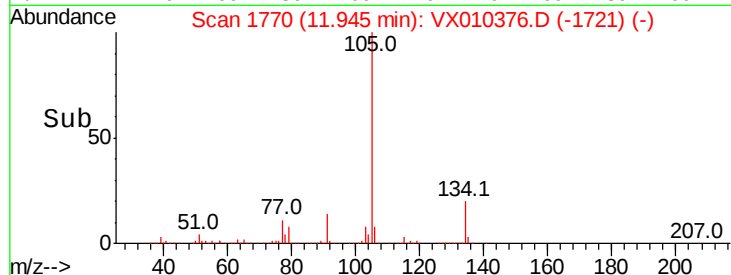
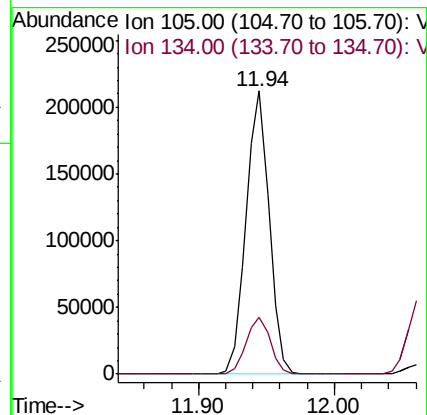
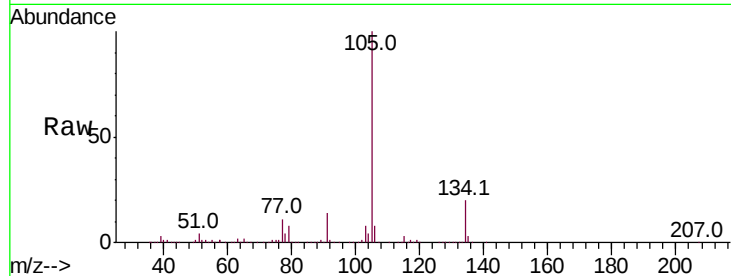
134 21.2 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 19.195 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

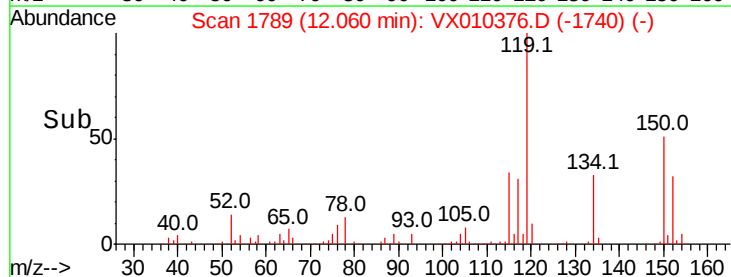
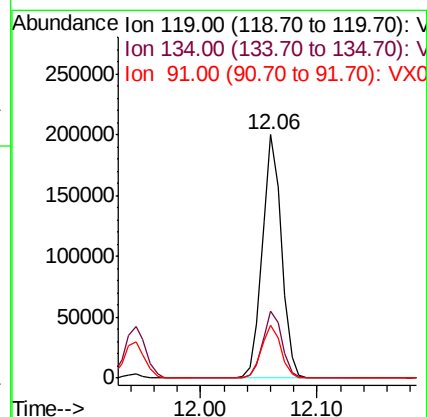
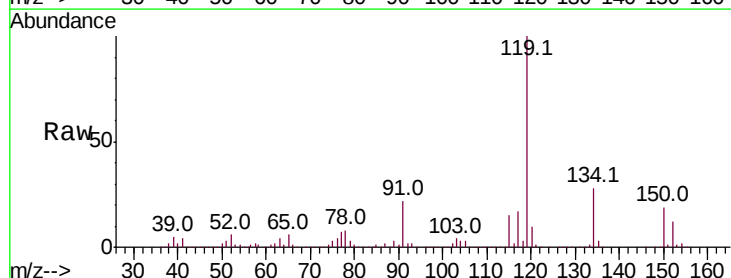
Tgt Ion:119 Resp: 230440

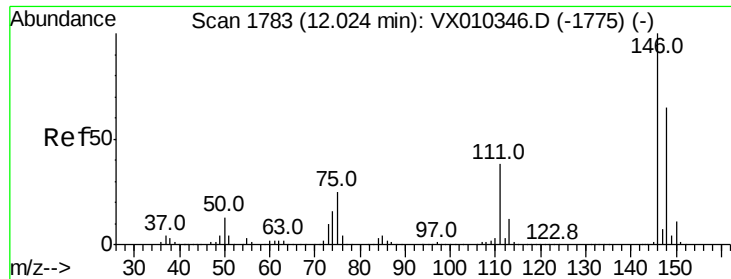
Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

91 22.2 11.3 33.8





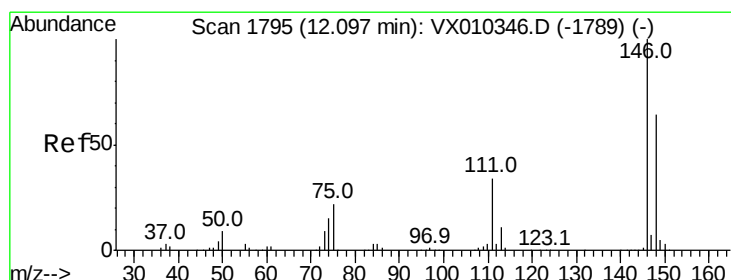
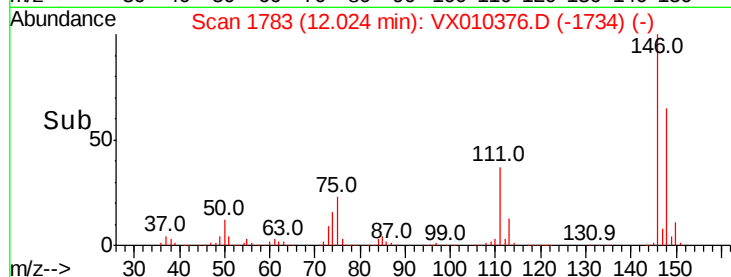
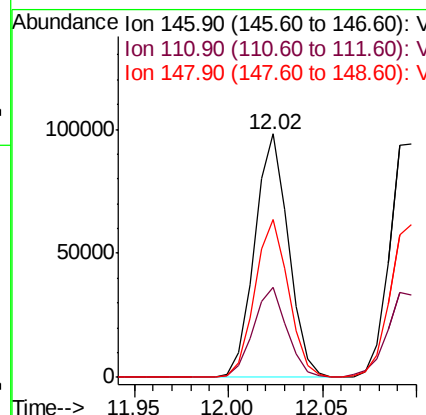
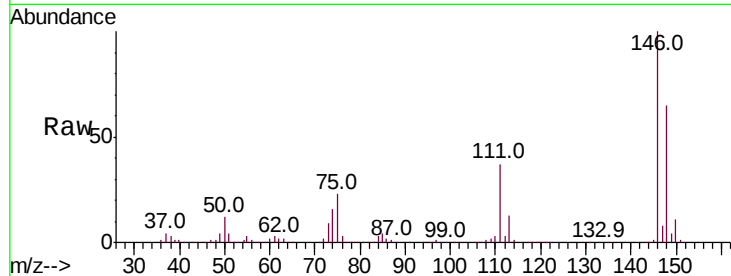
#87
 1,3-Dichlorobenzene
 Concen: 18.685 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.1	57.1
148	64.9	32.5	97.4

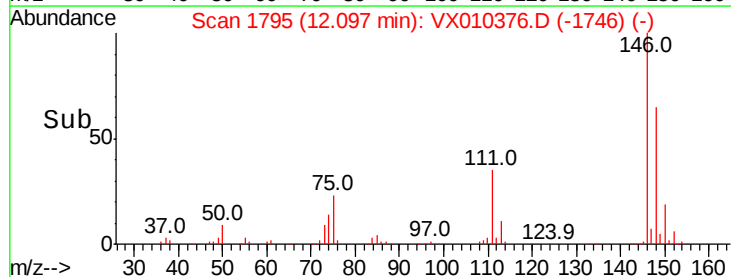
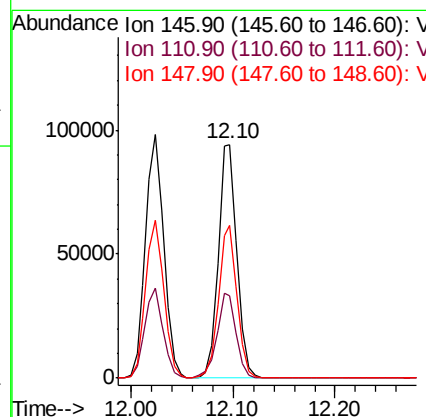
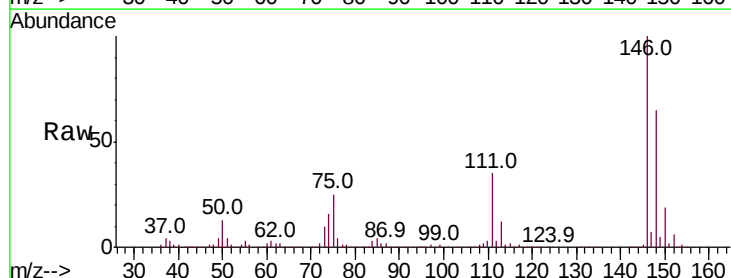
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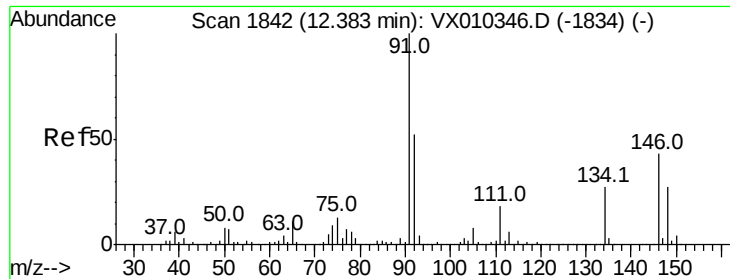
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#88
 1,4-Dichlorobenzene
 Concen: 18.314 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.3
148	64.6	32.1	96.3





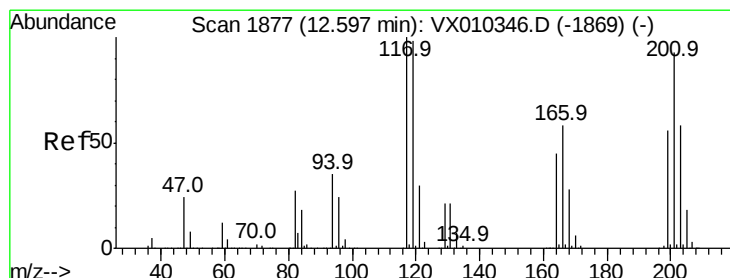
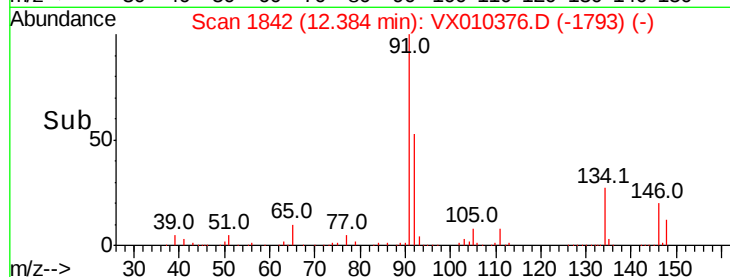
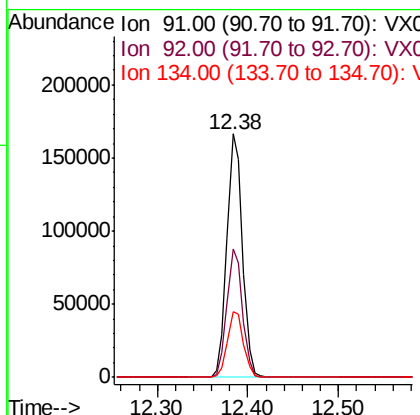
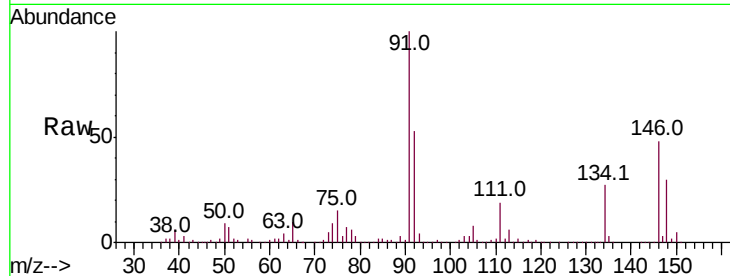
#89
n-Butylbenzene
Concen: 19.374 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.5
134	27.6	14.1	42.4

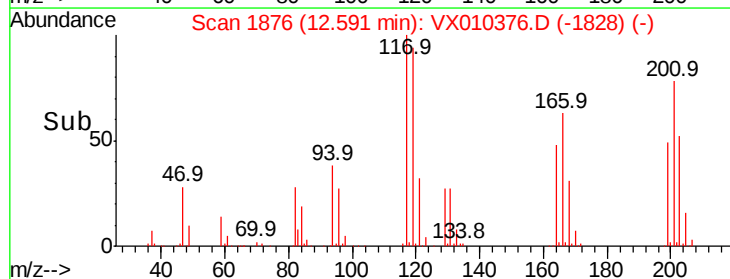
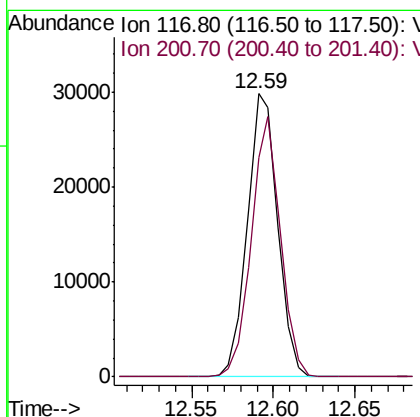
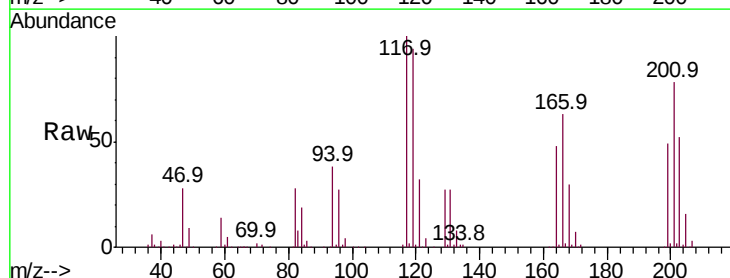
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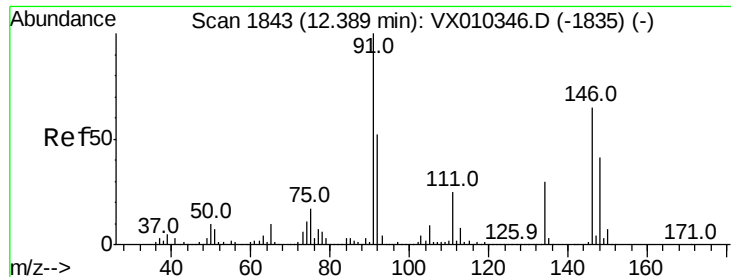
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#90
Hexachloroethane
Concen: 18.612 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.0	131.8





#91

1,2-Dichlorobenzene

Concen: 18.928 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

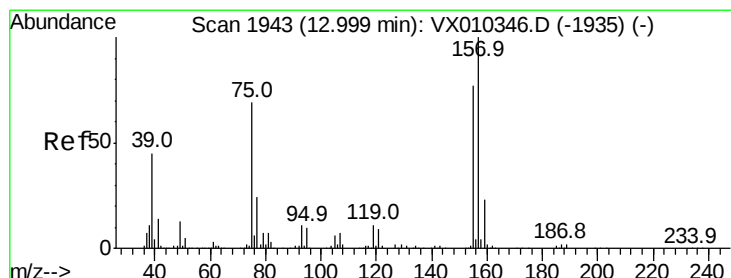
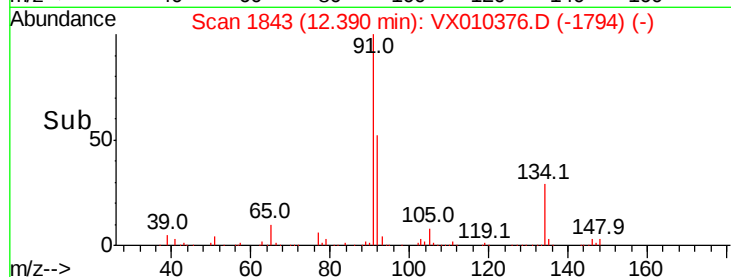
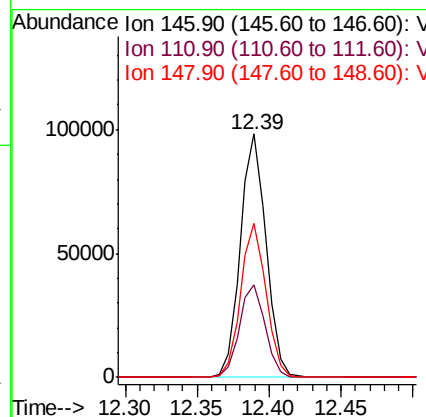
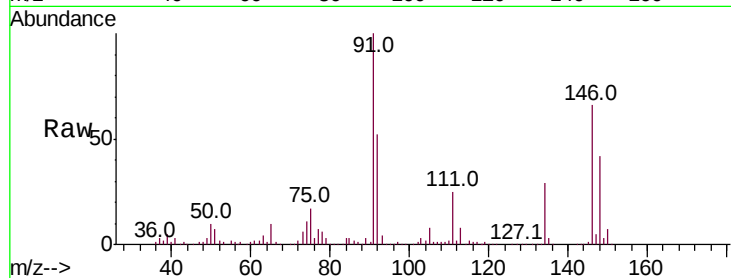
ClientSampleId :

VX0621WBS01

Tot Ion:	146	Resp:	122495
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.2	57.6
148	62.7	32.0	96.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.779 ug/l

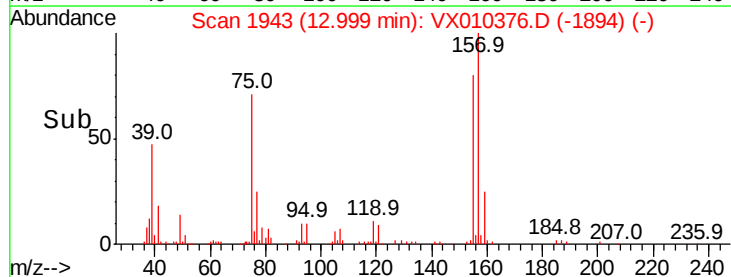
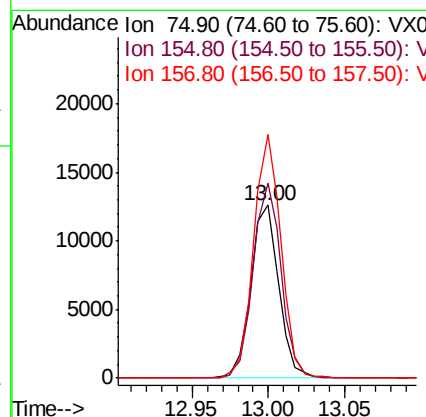
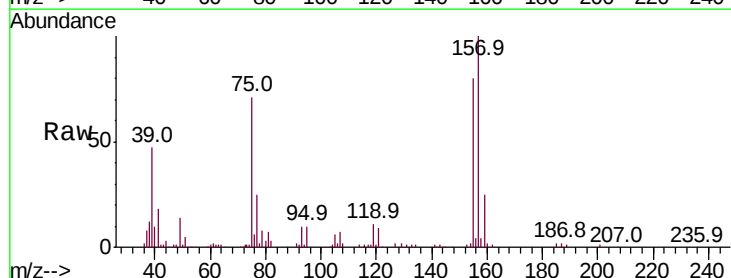
RT: 13.00 min Scan# 1943

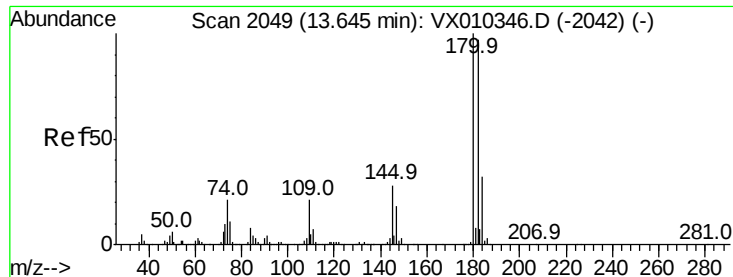
Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Tgt Ion:	75	Resp:	16006
Ion Ratio	Lower	Upper	
75	100		
155	113.2	54.4	163.1
157	137.0	69.5	208.3





#93

1,2,4-Trichlorobenzene

Concen: 19.500 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

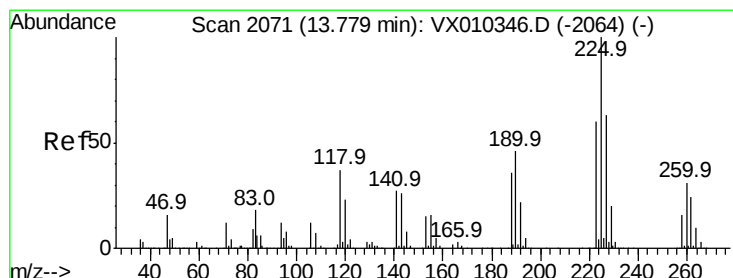
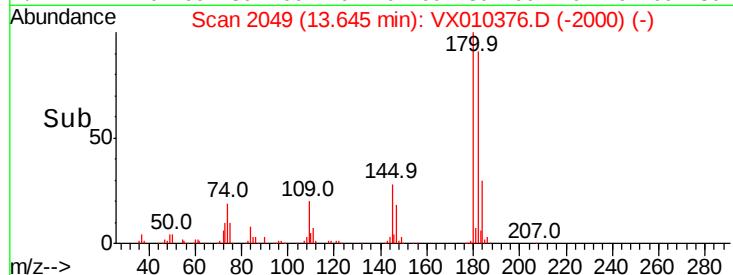
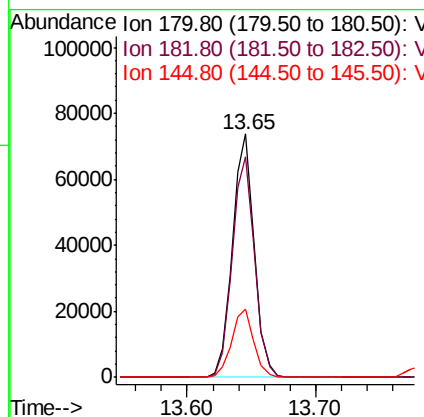
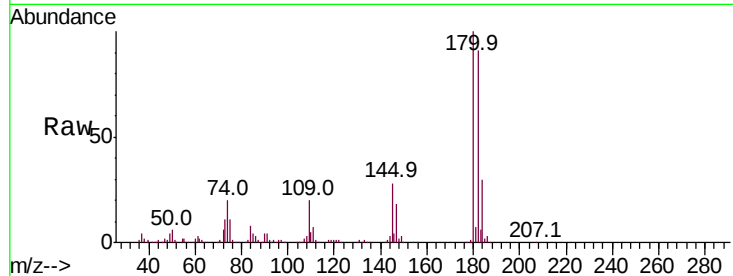
ClientSampleId :

VX0621WBS01

Tot Ion:	180	Resp:	87517
Ion Ratio	Lower	Upper	
180	100		
182	93.4	48.0	144.0
145	28.4	14.4	43.4

Manual Integrations
APPROVED

MMDadoda
6/24/2019 11:23:03 AM



#94

Hexachlorobutadiene

Concen: 19.315 ug/l

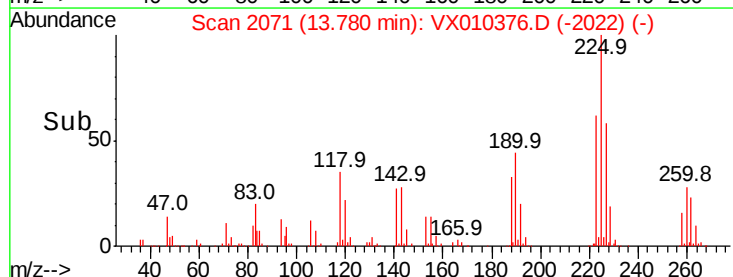
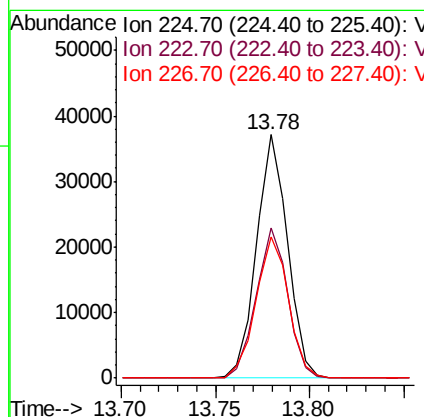
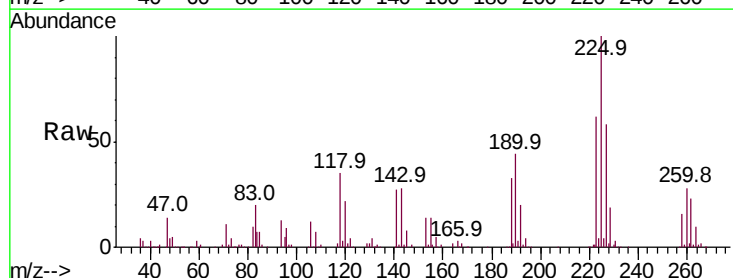
RT: 13.78 min Scan# 2071

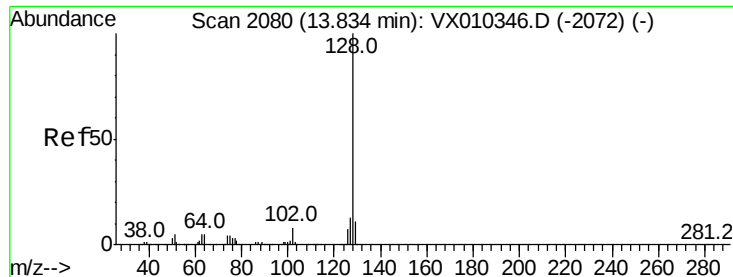
Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Tgt Ion:	225	Resp:	42367
Ion Ratio	Lower	Upper	
225	100		
223	62.6	30.9	92.7
227	60.8	31.9	95.5





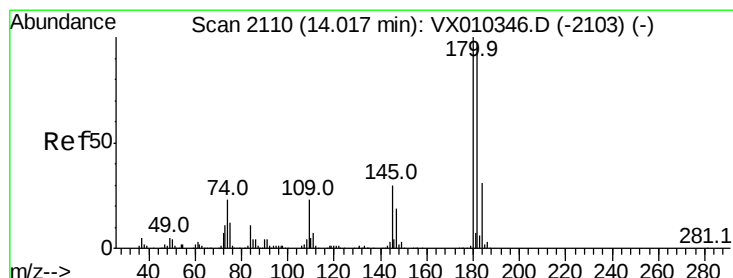
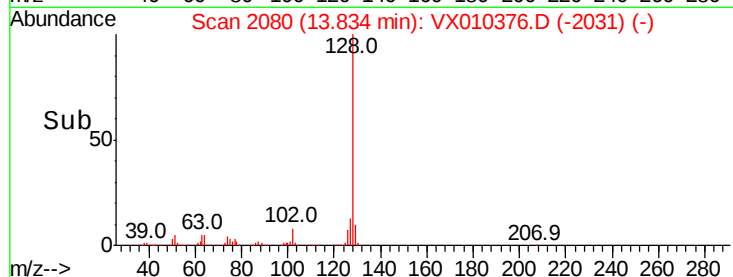
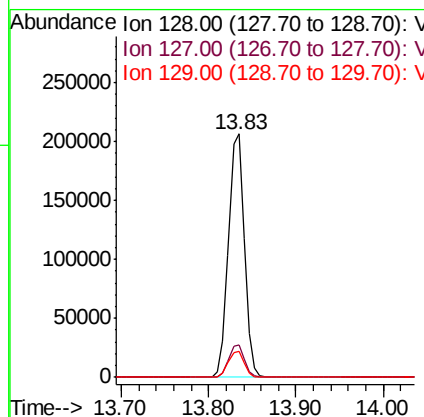
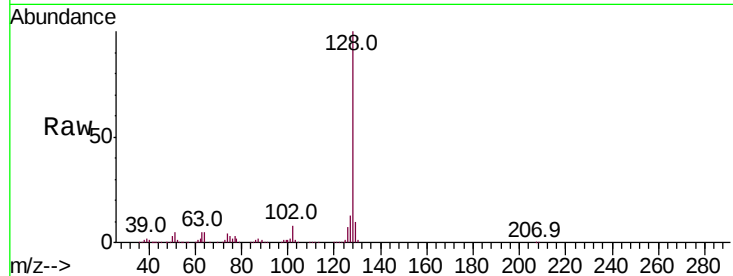
#95
Naphthalene
Concen: 18.853 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
6/24/2019 11:23:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.523 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.8	143.3
145	30.7	15.2	45.6

