

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010453.D
 Acq On : 26 Jun 2019 11:29
 Operator : JC/SP
 Sample : VX0626WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/27/2019 10:11:36 AM

Quant Time: Jun 27 02:19:04 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	5.67	168	268513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	360457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186693	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123398	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	5.50	113	122155	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	8.71	98	460958	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	162666	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34552	18.509	ug/l	98
3) Chloromethane	1.33	50	38971	17.928	ug/l	98
4) Vinyl Chloride	1.41	62	43649	18.333	ug/l	96
5) Bromomethane	1.64	94	25702	22.158	ug/l	100
6) Chloroethane	1.72	64	28118	20.017	ug/l	97
7) Trichlorofluoromethane	1.93	101	73991	19.604	ug/l	99
8) Diethyl Ether	2.19	74	26946	19.908	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43155	18.868	ug/l	98
10) Methyl Iodide	2.51	142	54267	16.625	ug/l	97
11) Tert butyl alcohol	3.04	59	66208	100.503	ug/l	100
12) 1,1-Dichloroethene	2.37	96	43883	18.855	ug/l	99
13) Acrolein	2.29	56	29710	67.985	ug/l	99
14) Allyl chloride	2.73	41	62111	18.797	ug/l	97
15) Acrylonitrile	3.14	53	132969	101.948	ug/l	98
16) Acetone	2.44	43	119361	94.601	ug/l	94
17) Carbon Disulfide	2.57	76	104745	16.775	ug/l	100
18) Methyl Acetate	2.78	43	50488	20.077	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	144291	19.707	ug/l	97
20) Methylene Chloride	2.85	84	50506	19.451	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	46965	18.762	ug/l	99
22) Diisopropyl ether	3.85	45	137531	19.908	ug/l	97
23) Vinyl Acetate	3.82	43	593820	99.498	ug/l	100
24) 1,1-Dichloroethane	3.70	63	79091	19.806	ug/l	99
25) 2-Butanone	4.67	43	183097	98.928	ug/l	100
26) 2,2-Dichloropropane	4.59	77	64010	18.452	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	56259	19.449	ug/l	100
28) Bromochloromethane	5.02	49	38766	20.304	ug/l	96
29) Tetrahydrofuran	5.13	42	114162	99.583	ug/l	100
30) Chloroform	5.21	83	83380	19.406	ug/l	100
31) Cyclohexane	5.58	56	68437	18.820	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	74139	19.542	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59873	18.807	ug/l	99
37) Ethyl Acetate	4.84	43	64800	19.786	ug/l	99
38) Carbon Tetrachloride	5.79	117	66020	19.151	ug/l	98

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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)
39) Methylcyclohexane	7.46	83	77281	18.468	ug/l	97
40) Benzene	6.14	78	193682	19.528	ug/l	100
41) Methacrylonitrile	5.04	41	35664	19.847	ug/l	98
42) 1,2-Dichloroethane	6.20	62	61033	20.215	ug/l	100
43) Isopropyl Acetate	6.45	43	108601	20.042	ug/l	98
44) Trichloroethene	7.21	130	57033	19.217	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49231	19.656	ug/l	94
46) Dibromomethane	7.66	93	35281	19.633	ug/l	99
47) Bromodichloromethane	7.90	83	63053	19.146	ug/l	99
48) Methyl methacrylate	7.77	41	49870	19.800	ug/l	99
49) 1,4-Dioxane	7.74	88	30375	418.644	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	354187	102.203	ug/l	99
52) Toluene	8.78	92	127091	19.458	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	68226	18.478	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	76382	19.037	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	53616	19.904	ug/l	96
56) Ethyl methacrylate	9.18	69	79127	19.391	ug/l	99
57) 1,3-Dichloropropane	9.37	76	83837	20.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	193010	99.591	ug/l	100
59) 2-Hexanone	9.49	43	276166	101.253	ug/l	99
60) Dibromochloromethane	9.58	129	56294	18.665	ug/l	100
61) 1,2-Dibromoethane	9.67	107	56098	19.294	ug/l	98
64) Tetrachloroethene	9.34	164	57657	19.776	ug/l	97
65) Chlorobenzene	10.13	112	144644	19.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	52776	19.799	ug/l	98
67) Ethyl Benzene	10.25	91	243902	19.742	ug/l	100
68) m/p-Xylenes	10.36	106	188964	39.474	ug/l	98
69) o-Xylene	10.69	106	92869	19.728	ug/l	99
70) Styrene	10.71	104	157522	19.953	ug/l	100
71) Bromoform	10.85	173	42225	18.216	ug/l #	100
73) Isopropylbenzene	11.02	105	247137	19.528	ug/l	98
74) N-amyl acetate	10.90	43	94984	19.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82587	19.705	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	68811m	20.226	ug/l	
77) Bromobenzene	11.26	156	67069	18.979	ug/l	99
78) n-propylbenzene	11.36	91	269960	19.409	ug/l	100
79) 2-Chlorotoluene	11.42	91	159044	19.203	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	203183	19.475	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23604	16.186	ug/l	91
82) 4-Chlorotoluene	11.51	91	181300	19.237	ug/l	99
83) tert-Butylbenzene	11.77	119	200402	19.138	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	203475	19.412	ug/l	99
85) sec-Butylbenzene	11.94	105	237917	19.351	ug/l	99
86) p-Isopropyltoluene	12.06	119	219379	19.291	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	116493	18.885	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	117441	18.701	ug/l	99
89) n-Butylbenzene	12.38	91	182394	18.874	ug/l	100
90) Hexachloroethane	12.60	117	35444	18.025	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	118597	19.345	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17170	19.001	ug/l	93

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MSVOA_X
ClientSampleId :
VX0626WBS01

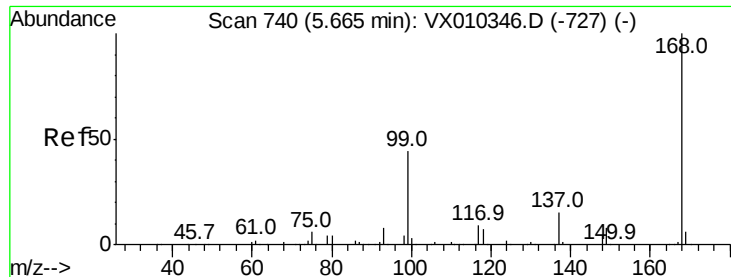
Manual Integrations
APPROVED

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6/27/2019 10:11:36 AM

Quant Time: Jun 27 02:19:04 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	79323	18.658	ug/l	98
94) Hexachlorobutadiene	13.78	225	38292	18.429	ug/l	97
95) Naphthalene	13.83	128	251208	19.227	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	82649	19.552	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:168 Resp: 268513

Ion Ratio Lower Upper

168 100

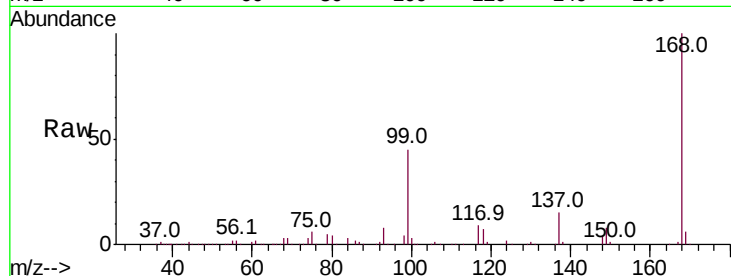
99 44.6 35.5 53.3

Manual Integrations

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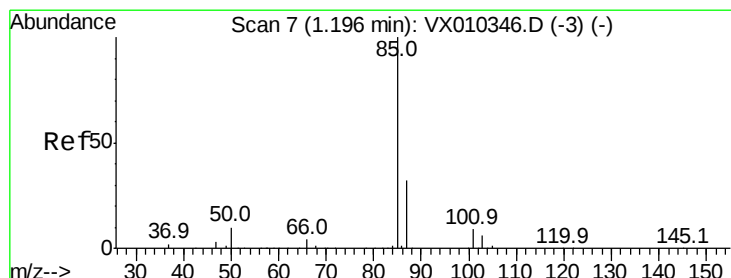
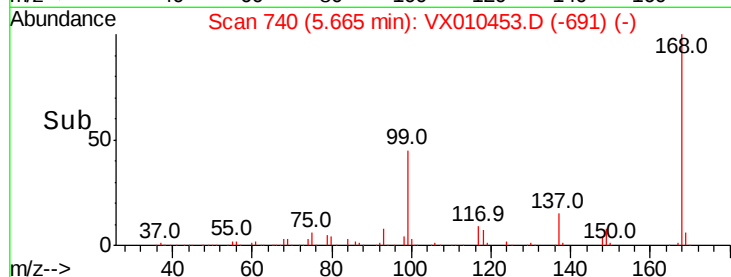
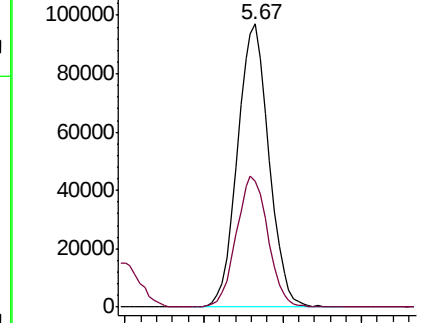
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.509 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010453.D

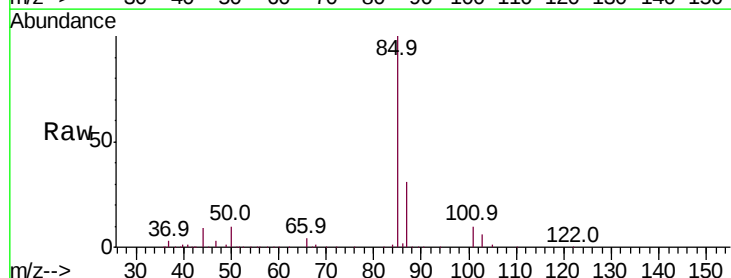
Acq: 26 Jun 2019 11:29

Tgt Ion: 85 Resp: 34552

Ion Ratio Lower Upper

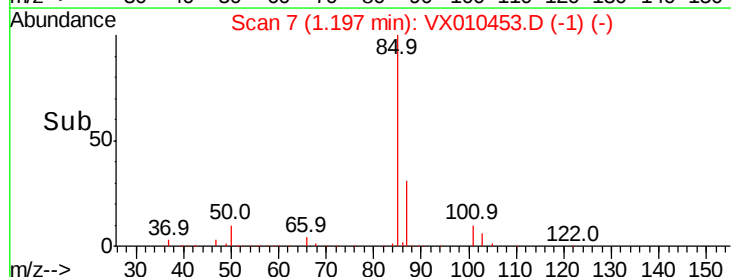
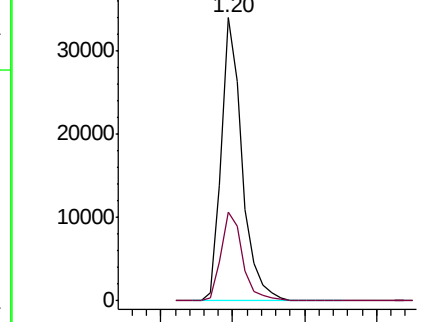
85 100

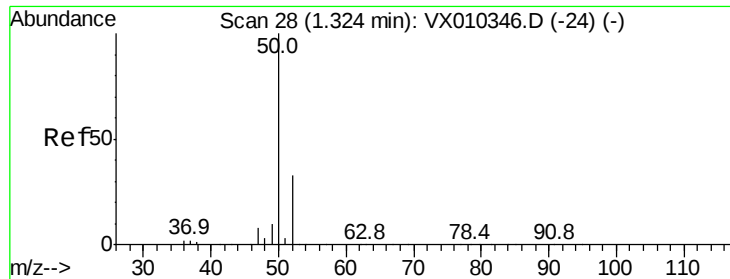
87 31.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.928 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 50 Resp: 38971

Ion Ratio Lower Upper

50 100

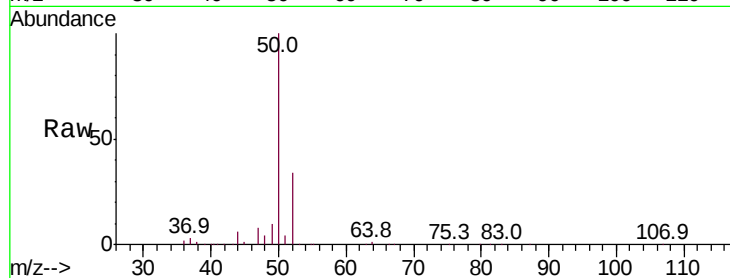
52 34.0 26.5 39.7

Manual Integrations

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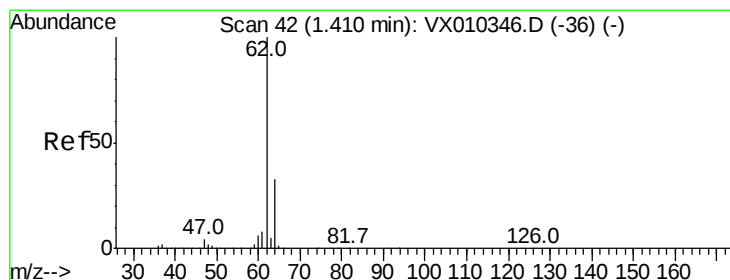
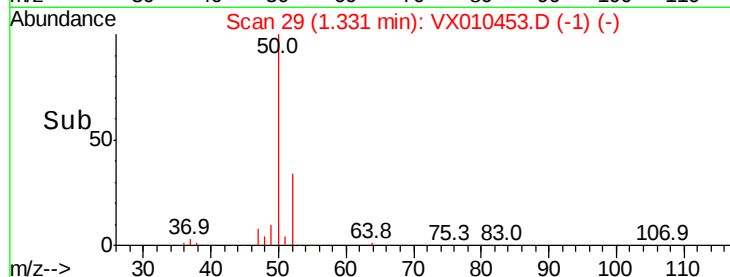
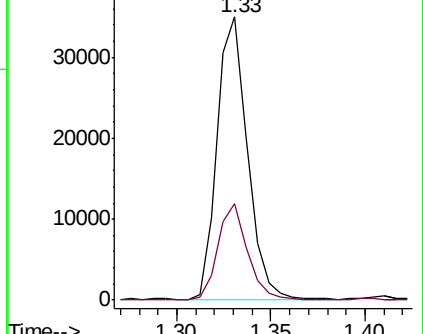
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.333 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010453.D

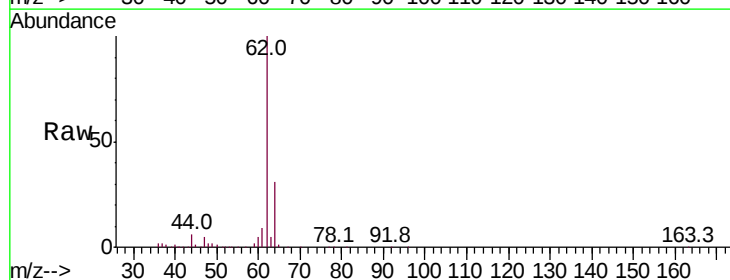
Acq: 26 Jun 2019 11:29

Tgt Ion: 62 Resp: 43649

Ion Ratio Lower Upper

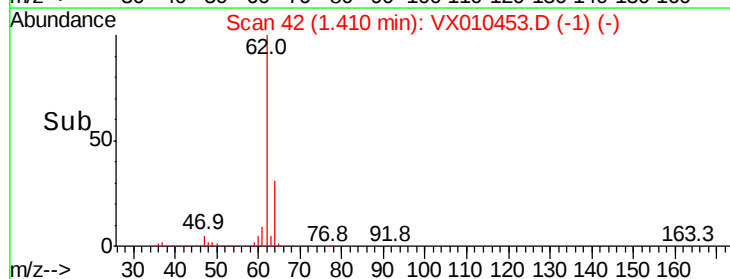
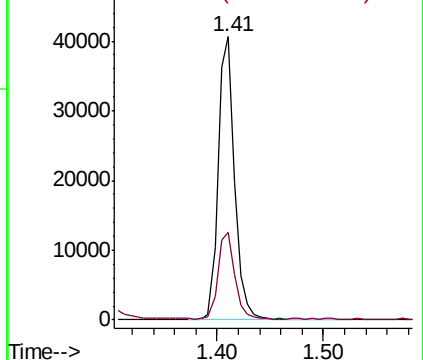
62 100

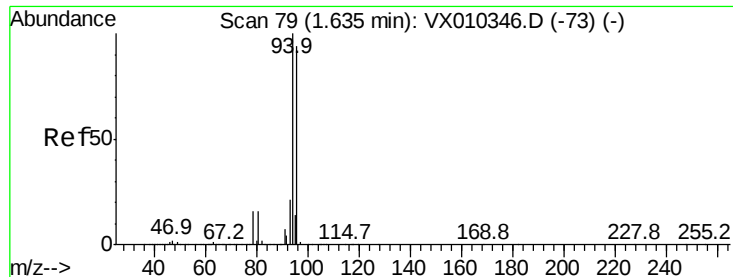
64 30.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.158 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 94 Resp: 25702

Ion Ratio Lower Upper

94 100

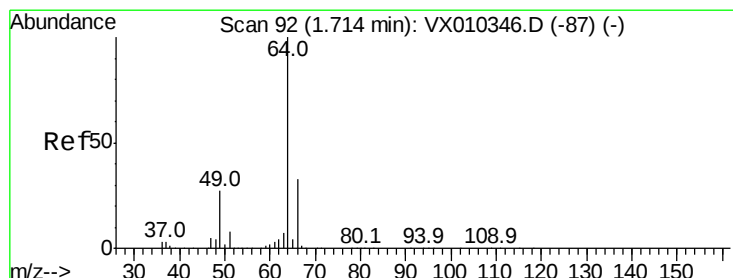
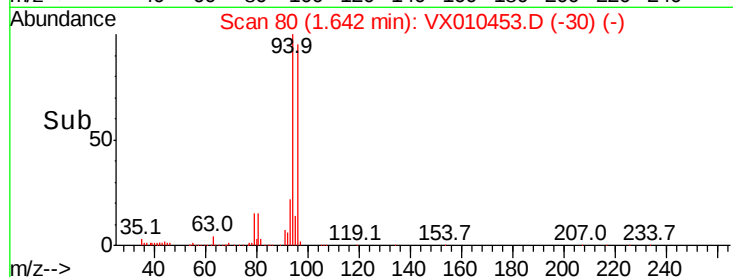
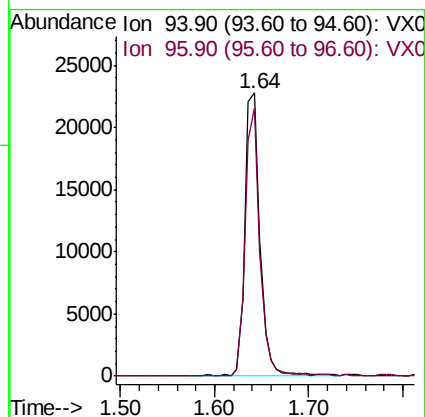
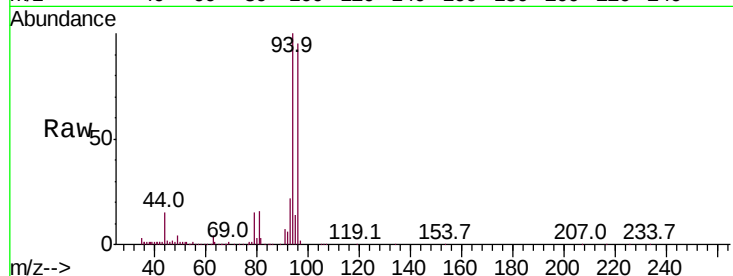
96 94.8 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 20.017 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010453.D

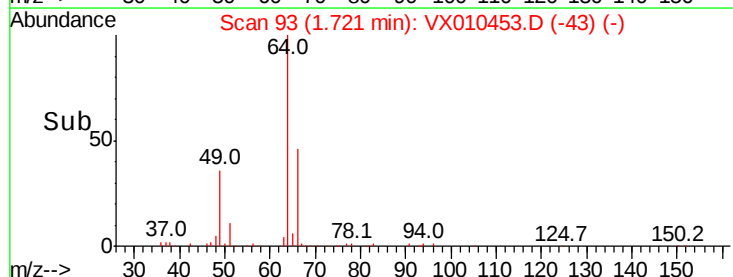
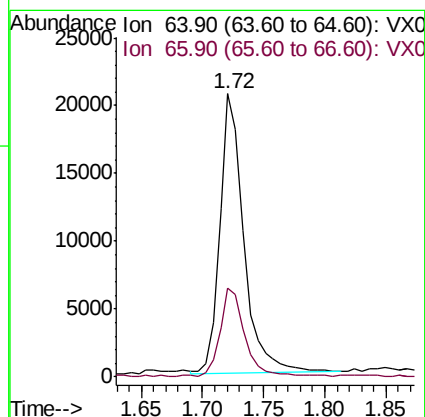
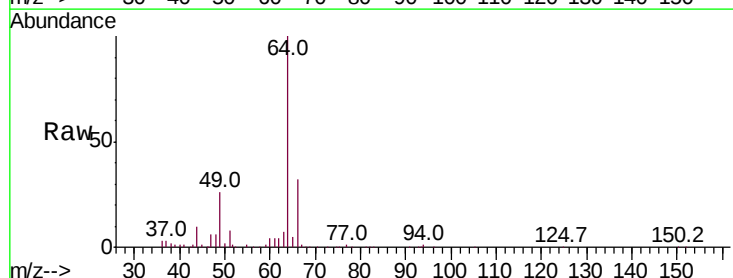
Acq: 26 Jun 2019 11:29

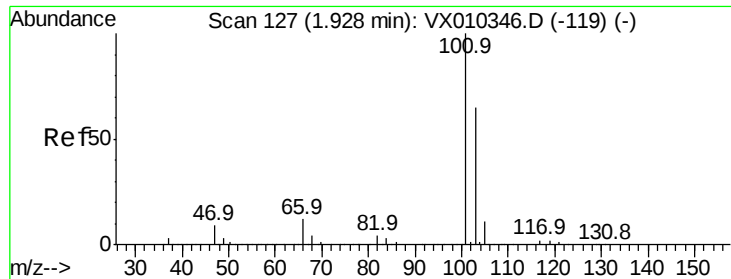
Tgt Ion: 64 Resp: 28118

Ion Ratio Lower Upper

64 100

66 31.8 26.6 40.0





#7

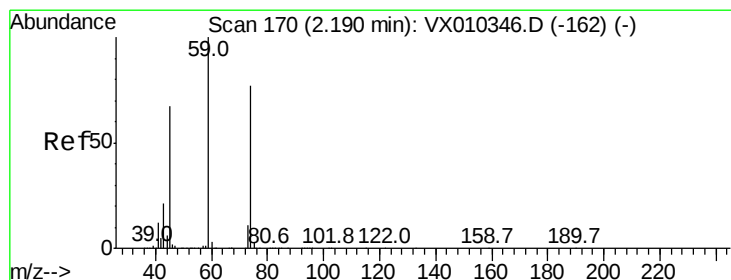
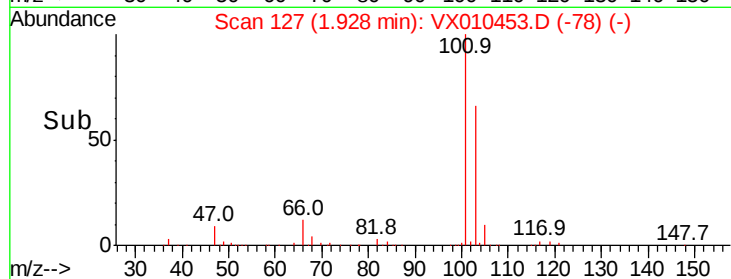
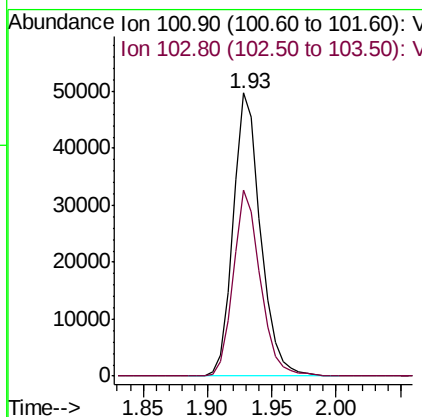
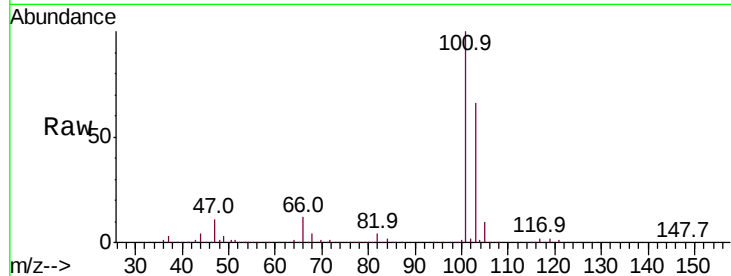
Trichlorofluoromethane
Concen: 19.604 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

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ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.3	78.5

Manual Integrations
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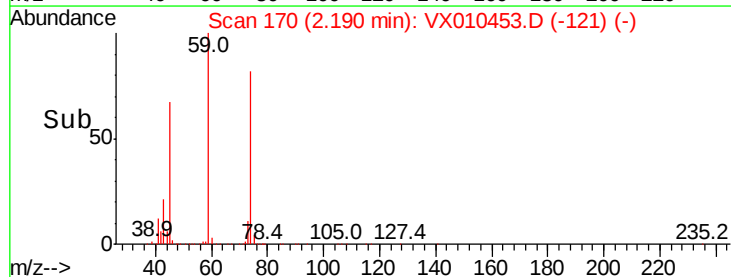
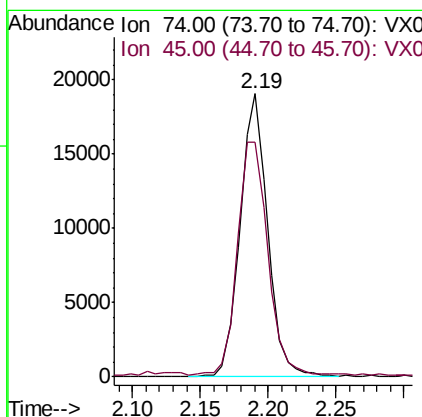
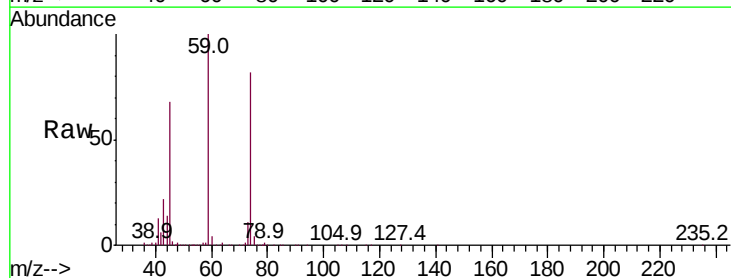
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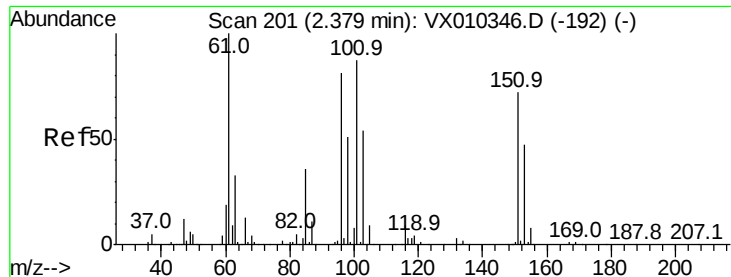


#8

Diethyl Ether
Concen: 19.908 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.0	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.868 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

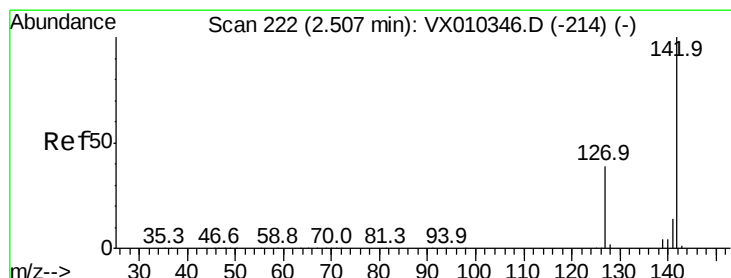
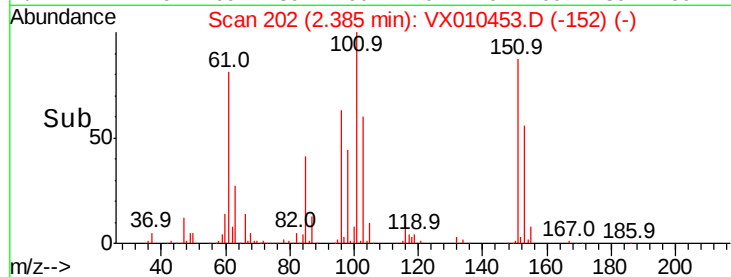
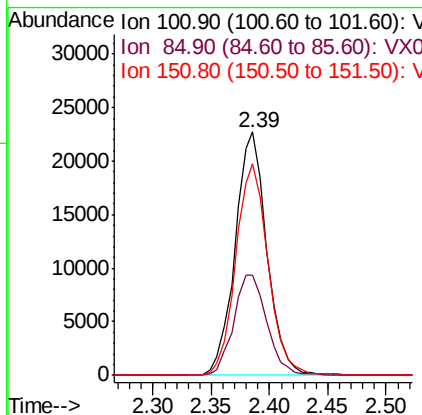
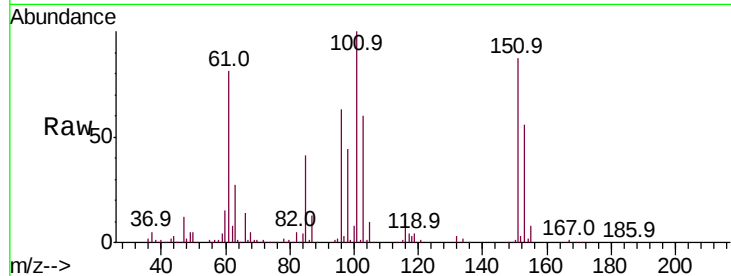
ClientSampleId :

VX0626WBS01

Tot Ion:	101	Resp:	43155
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.7	50.5
151	89.0	70.1	105.1

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#10

Methyl Iodide

Concen: 16.625 ug/l

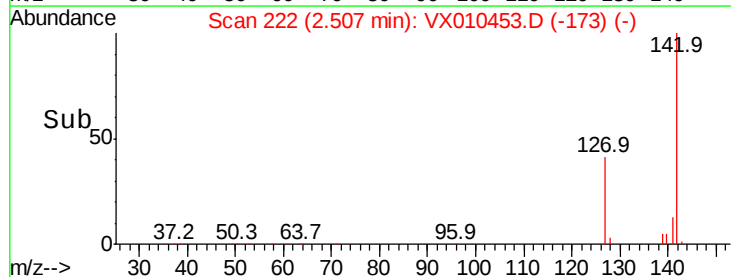
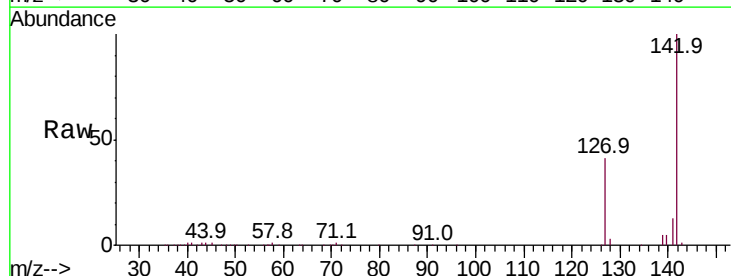
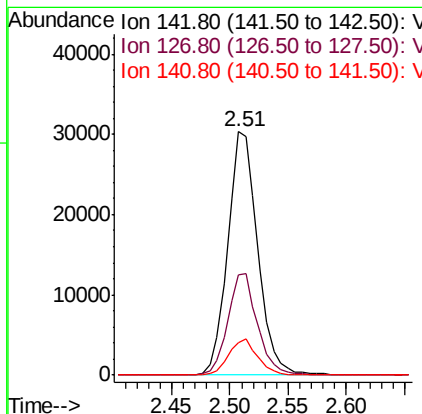
RT: 2.51 min Scan# 222

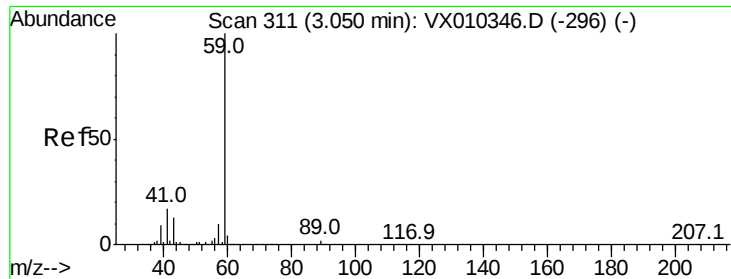
Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Tgt Ion:	142	Resp:	54267
Ion Ratio	Lower	Upper	
142	100		
127	41.0	31.1	46.7
141	14.4	11.2	16.8





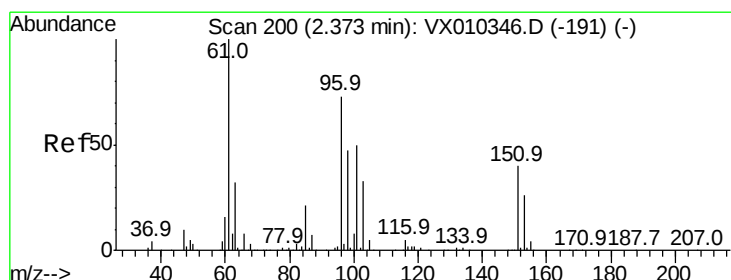
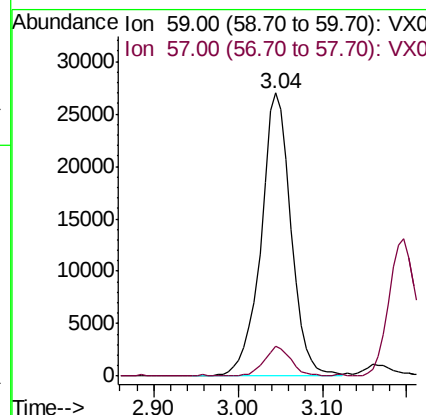
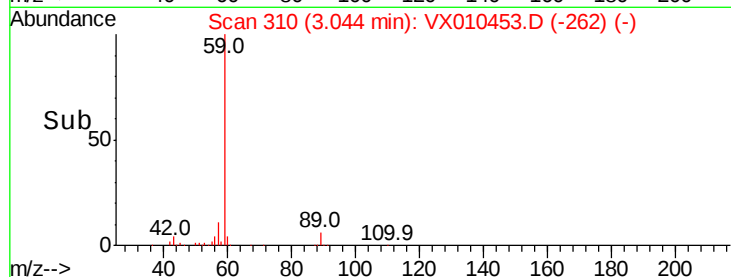
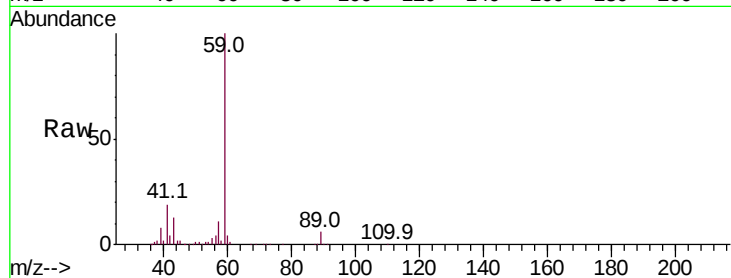
#11
Tert butyl alcohol
Concen: 100.503 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion: 59 Resp: 66208
Ion Ratio Lower Upper
59 100
57 9.4 7.7 11.5

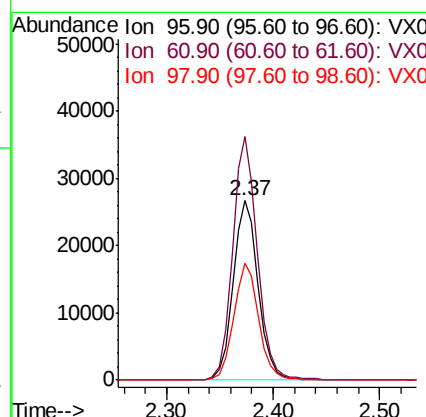
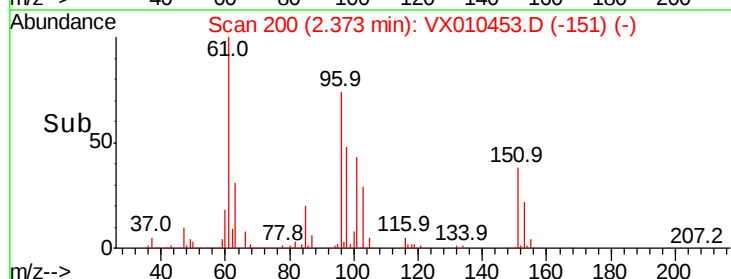
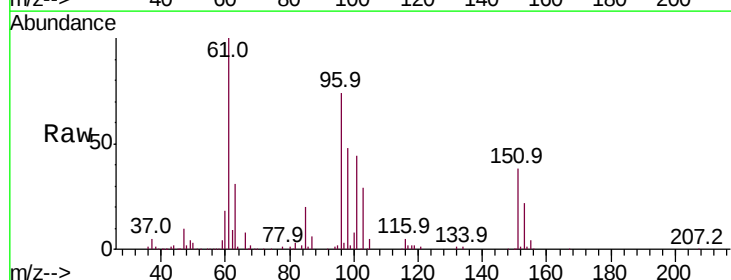
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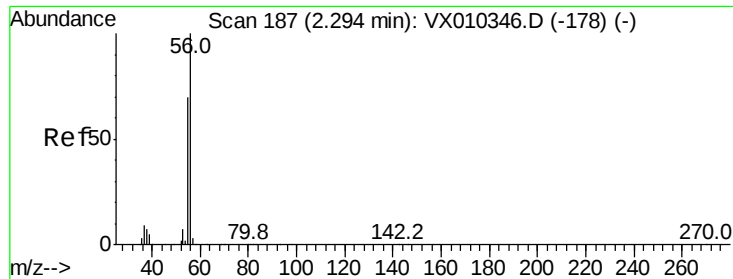
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.855 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 96 Resp: 43883
Ion Ratio Lower Upper
96 100
61 135.4 109.2 163.8
98 65.2 51.1 76.7





#13

Acrolein

Concen: 67.985 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 56 Resp: 29710

Ion Ratio Lower Upper

56 100

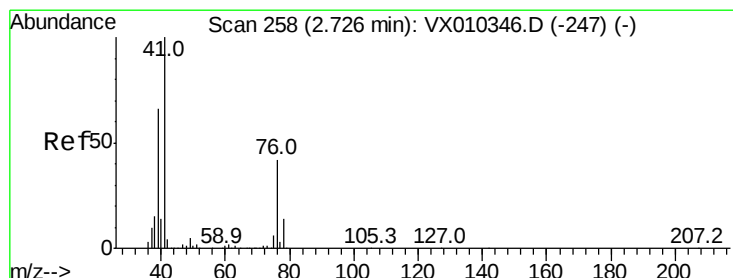
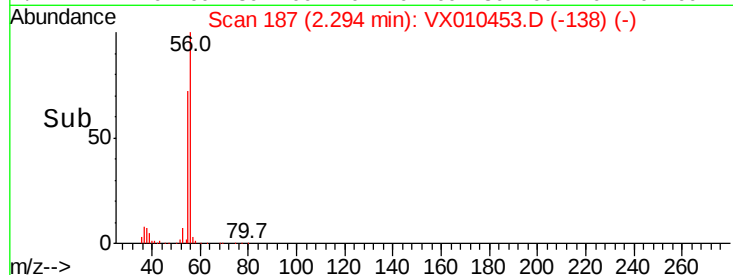
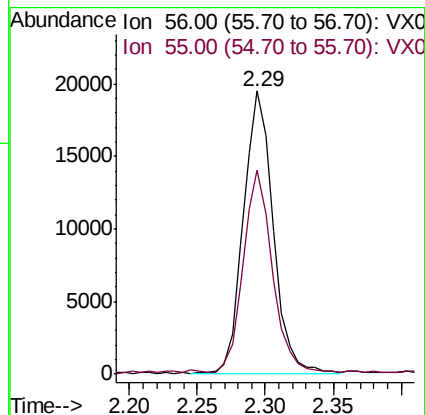
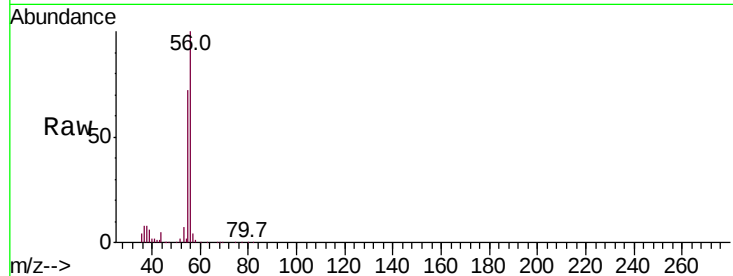
55 69.9 56.9 85.3

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#14

Allyl chloride

Concen: 18.797 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

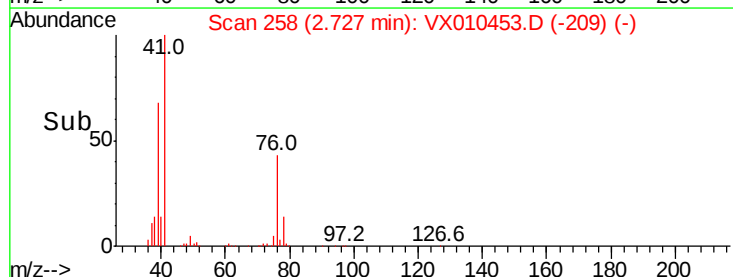
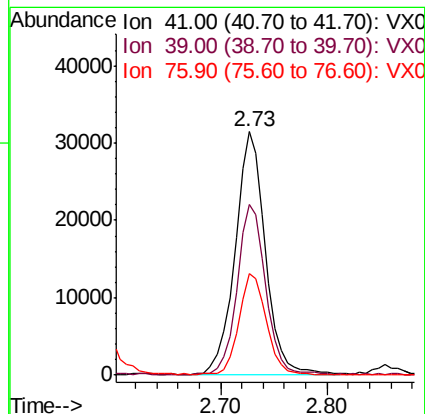
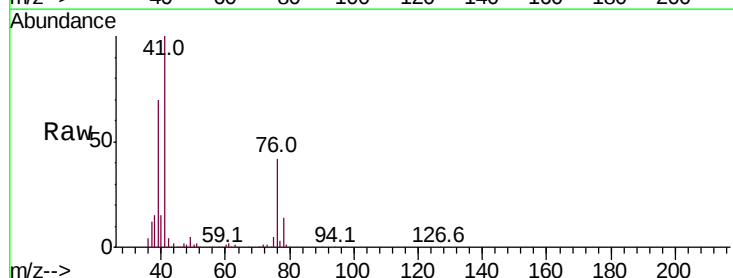
Tgt Ion: 41 Resp: 62111

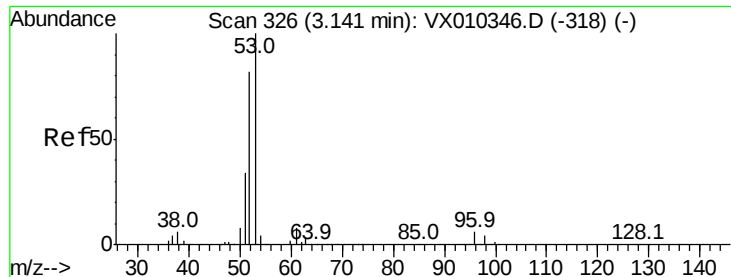
Ion Ratio Lower Upper

41 100

39 66.0 50.3 75.5

76 38.4 31.3 46.9





#15

Acrylonitrile

Concen: 101.948 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

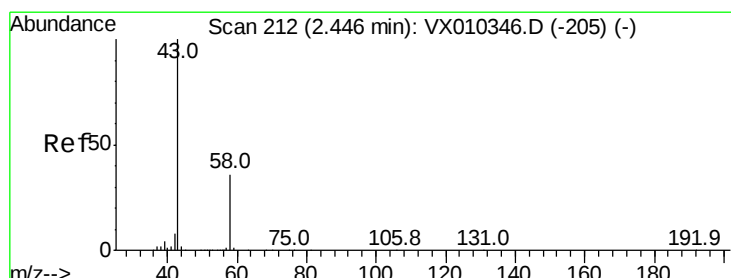
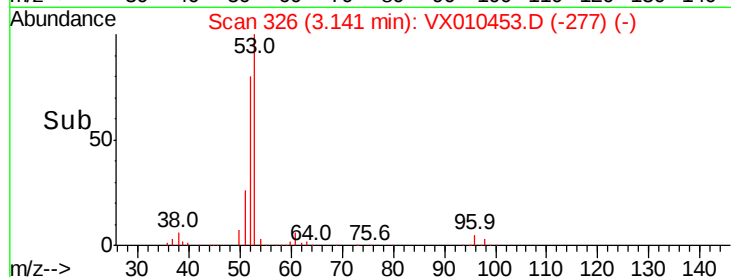
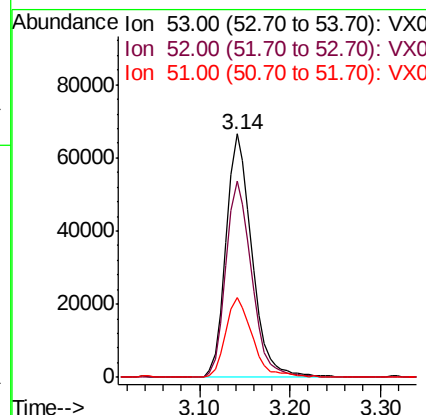
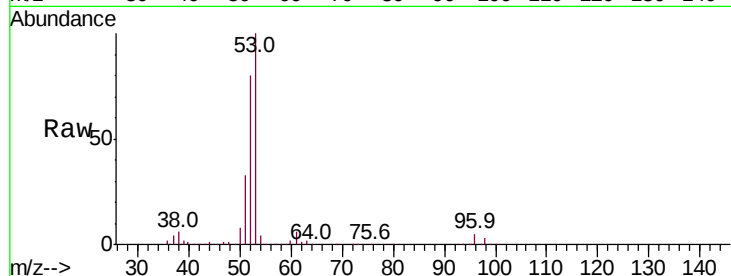
ClientSampleId :

VX0626WBS01

Tot Ion:	53	Resp:	132969
Ion Ratio	Lower	Upper	
53	100		
52	80.8	65.5	98.3
51	34.0	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 94.601 ug/l

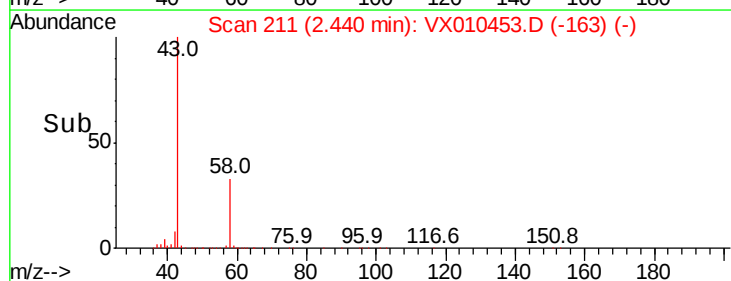
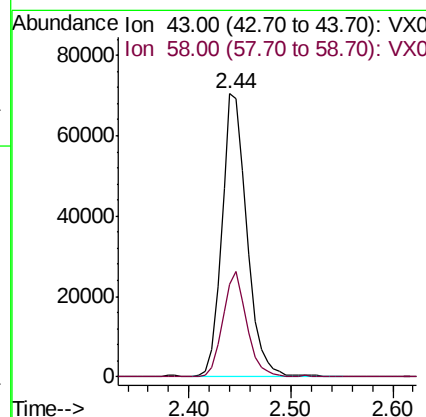
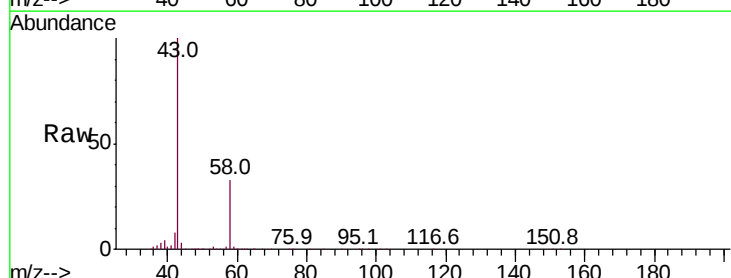
RT: 2.44 min Scan# 211

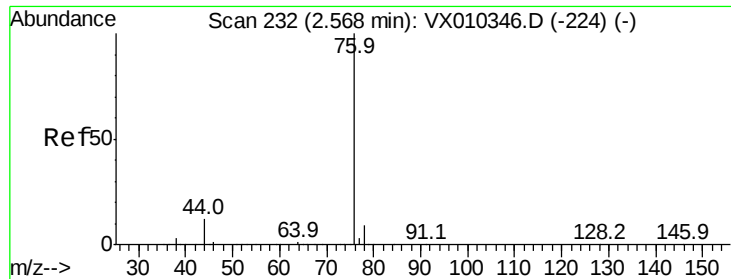
Delta R.T. -0.01 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Tgt Ion:	43	Resp:	119361
Ion Ratio	Lower	Upper	
43	100		
58	32.6	28.9	43.3





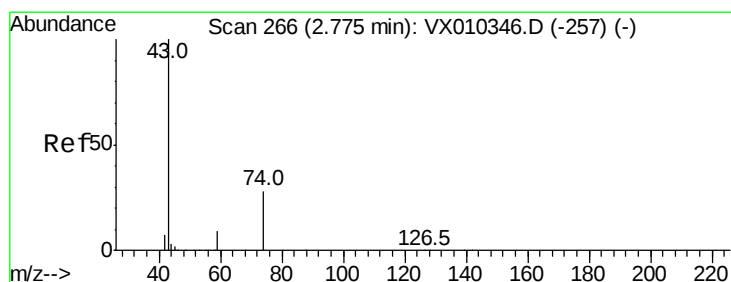
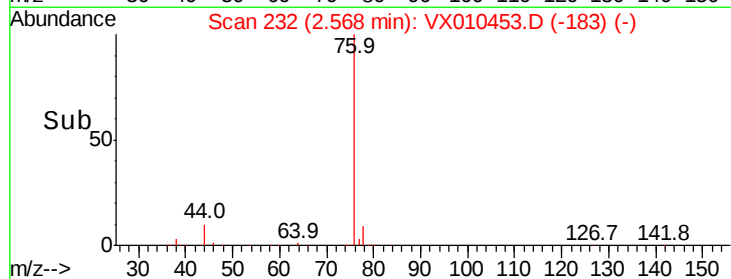
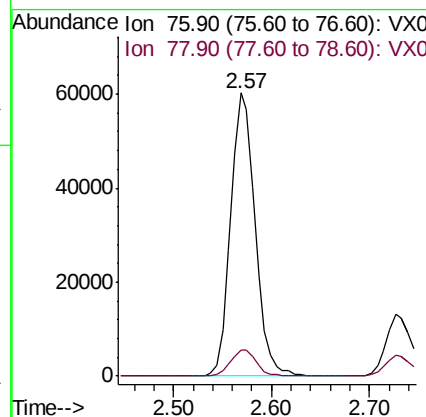
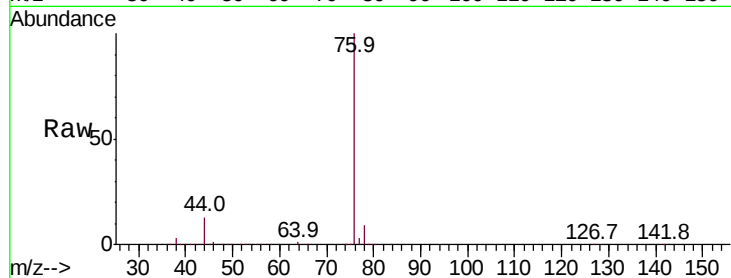
#17
Carbon Disulfide
Concen: 16.775 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

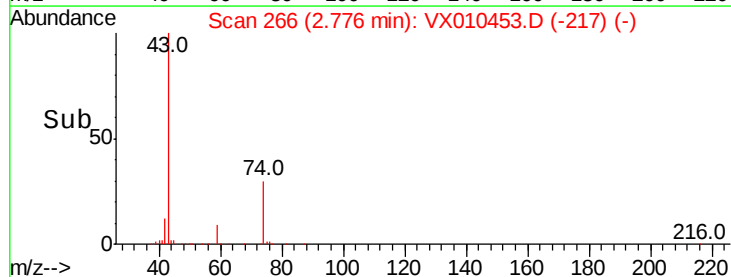
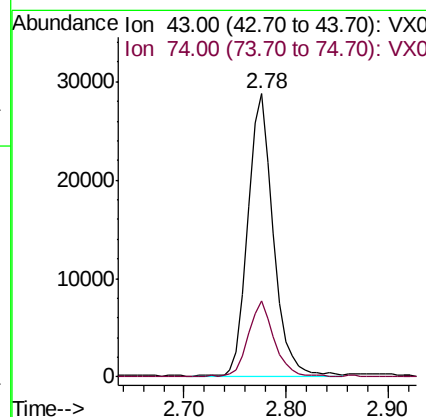
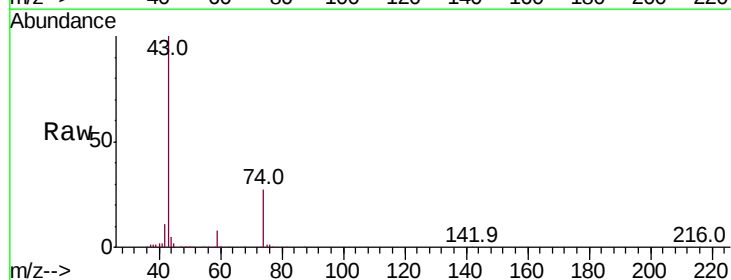
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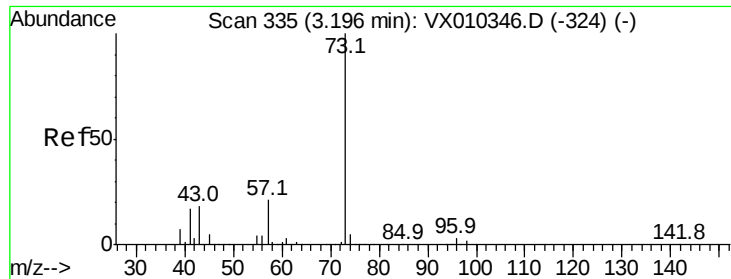
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#18
Methyl Acetate
Concen: 20.077 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	21.3	31.9





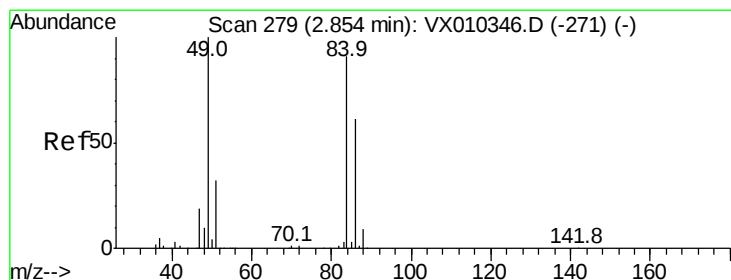
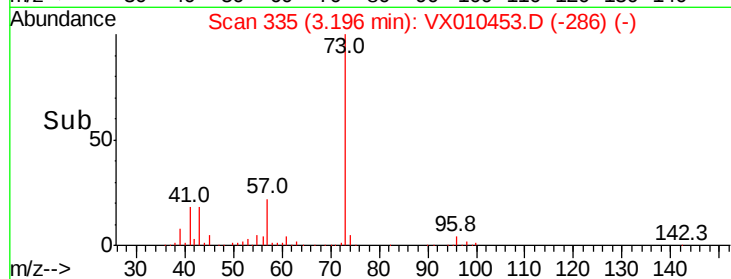
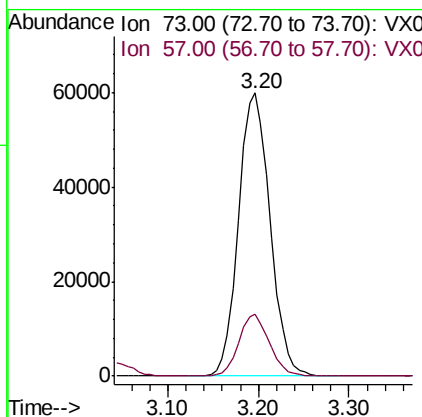
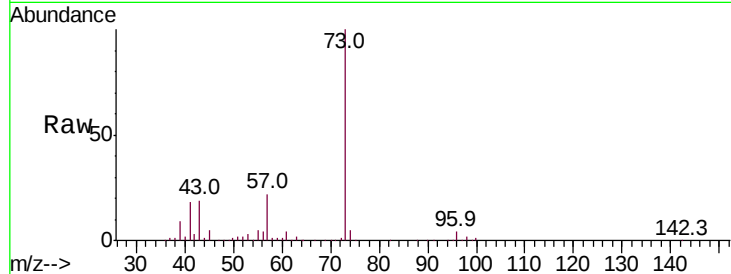
#19
Methvl tert-butvl Ether
Concen: 19.707 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion: 73 Resp: 144291
Ion Ratio Lower Upper
73 100
57 21.8 16.4 24.6

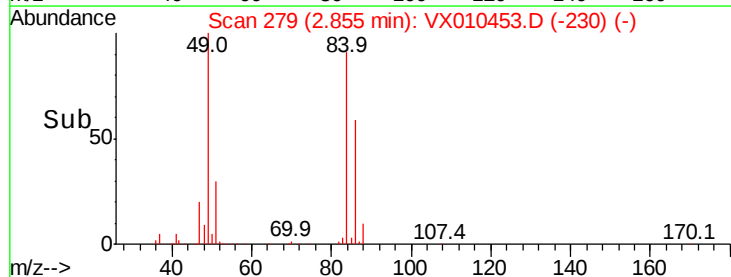
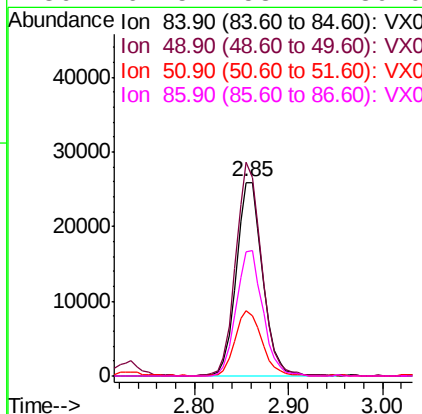
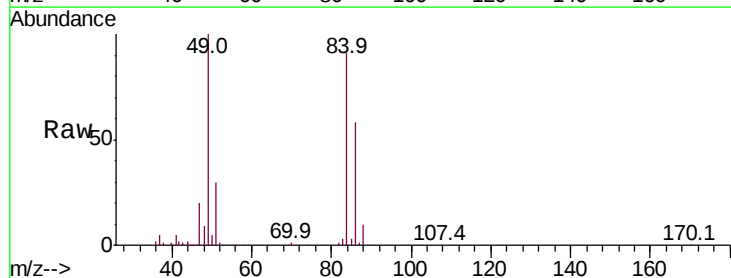
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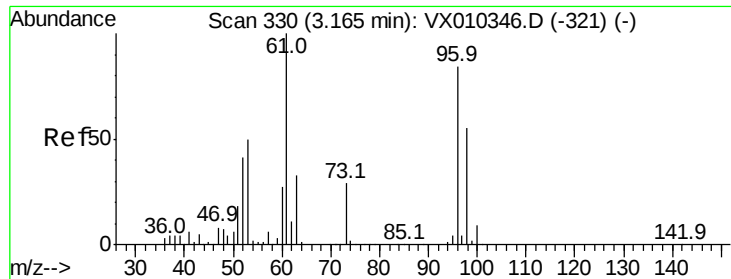
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#20
Methylene Chloride
Concen: 19.451 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 84 Resp: 50506
Ion Ratio Lower Upper
84 100
49 110.4 87.5 131.3
51 33.5 27.7 41.5
86 64.5 53.4 80.0





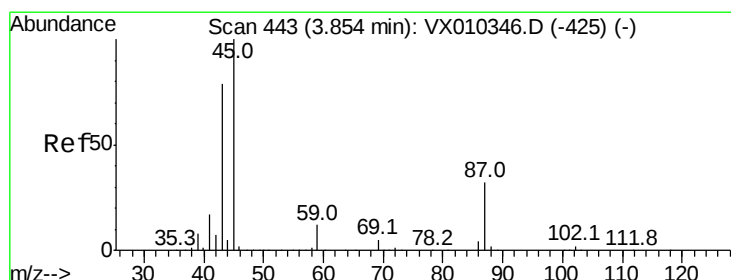
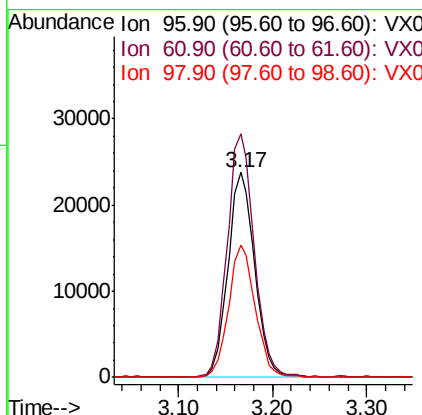
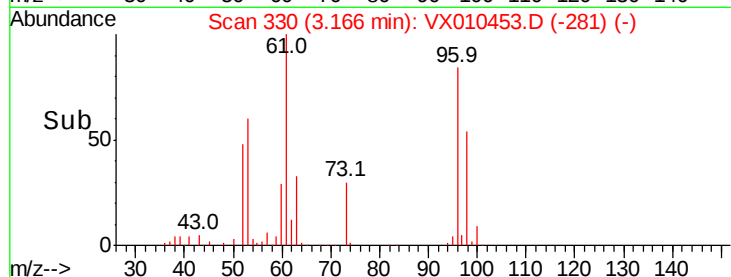
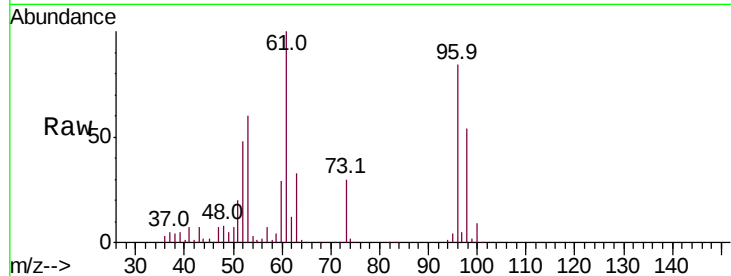
#21
trans-1,2-Dichloroethene
Concen: 18.762 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.0	95.6	143.4
98	64.6	52.5	78.7

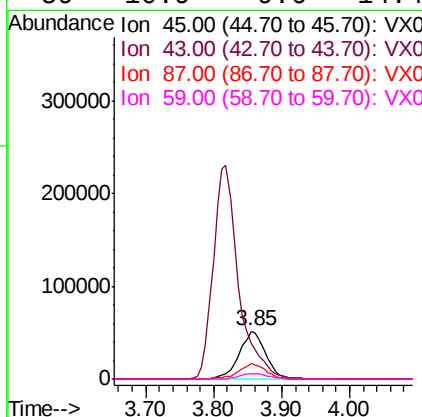
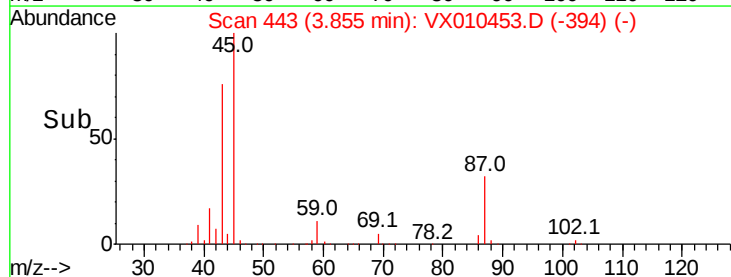
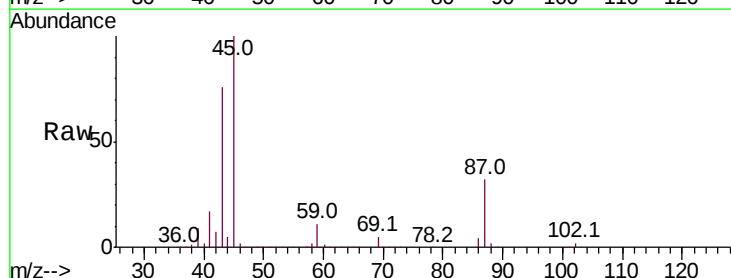
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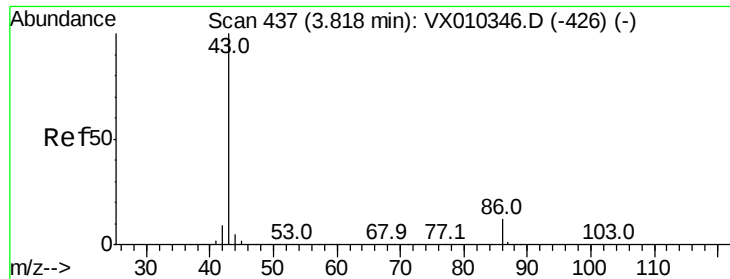
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#22
Diisopropyl ether
Concen: 19.908 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	75.6	63.3	94.9
87	31.7	25.8	38.8
59	10.9	9.6	14.4





#23

Vinyl Acetate

Concen: 99.498 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0626WBS01

Tot Ion: 43 Resp: 593820

Ion Ratio Lower Upper

43 100

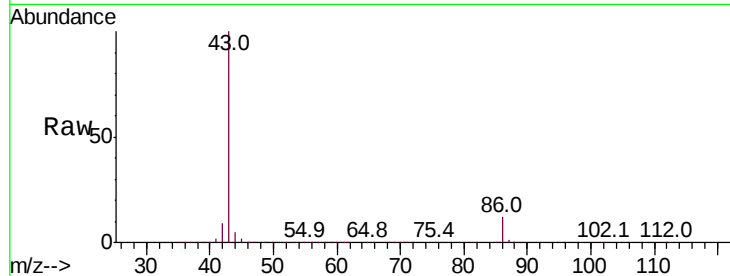
86 12.4 9.9 14.9

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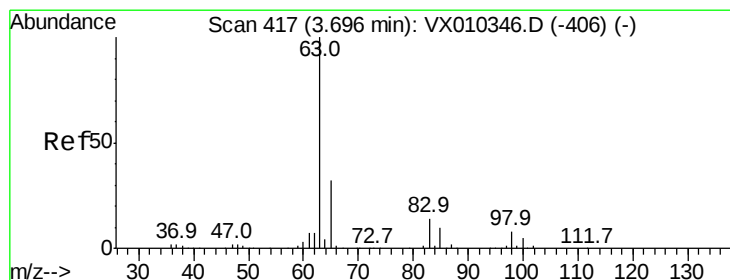
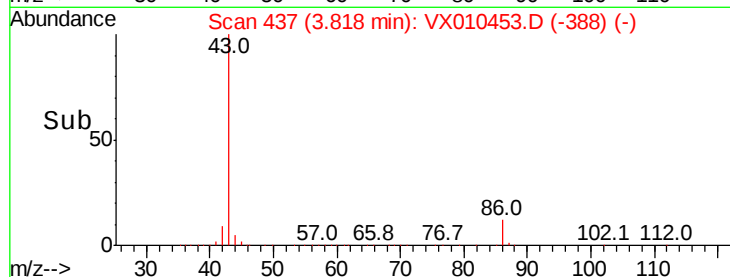
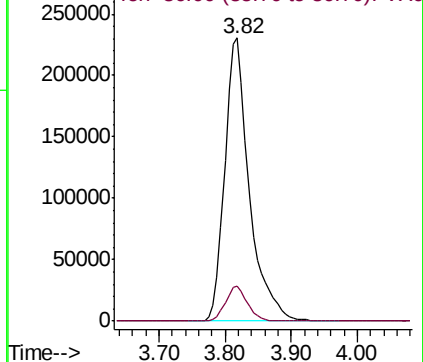
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.806 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

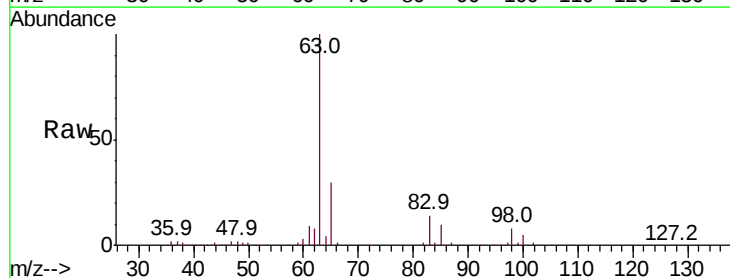
Tgt Ion: 63 Resp: 79091

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

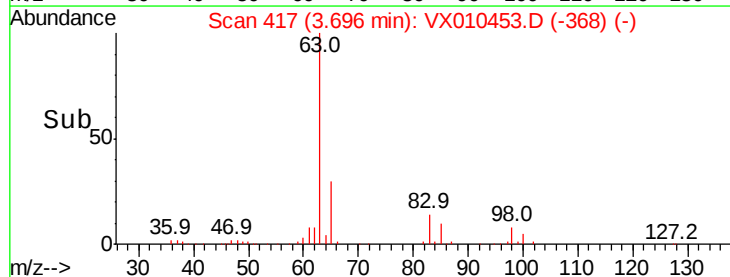
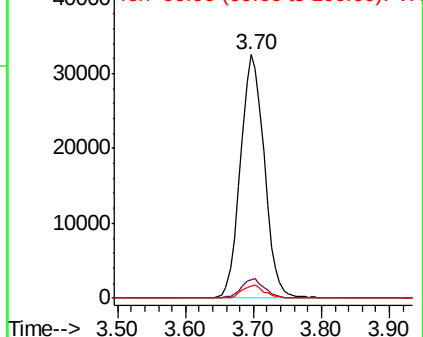
100 5.1 2.4 7.1

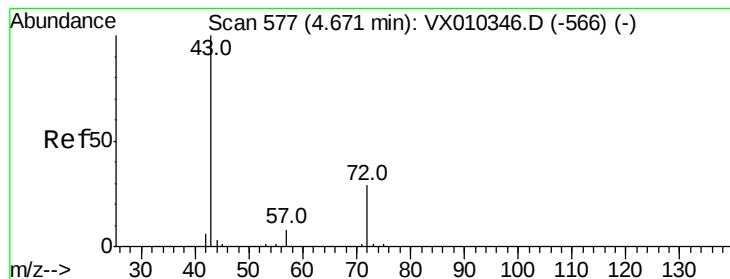


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.928 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 43 Resp: 183097

Ion Ratio Lower Upper

43 100

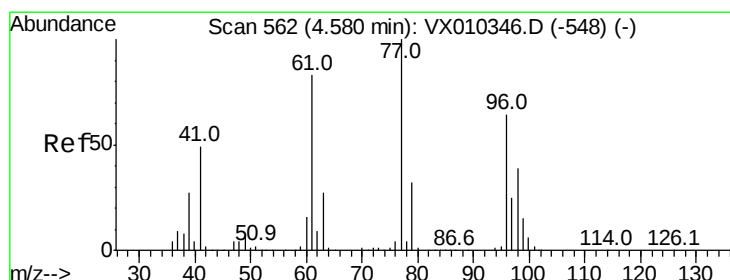
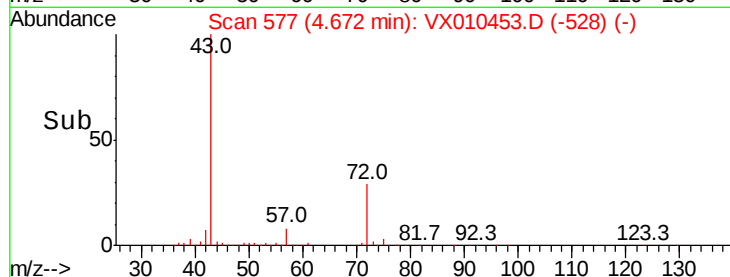
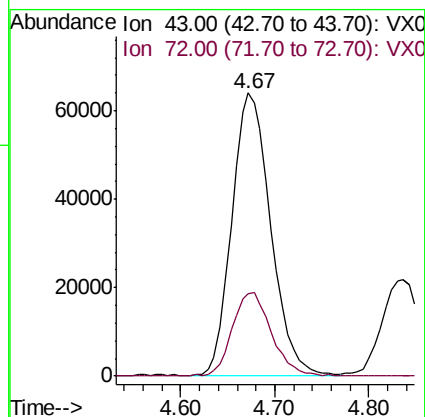
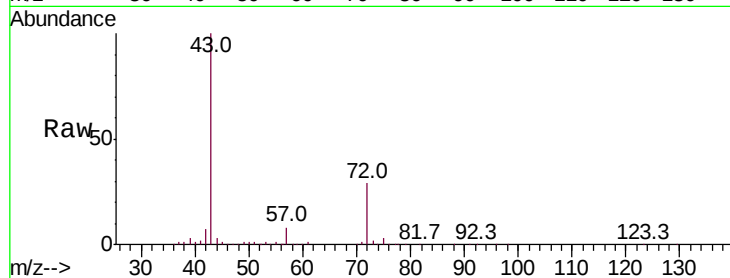
72 28.9 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.452 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010453.D

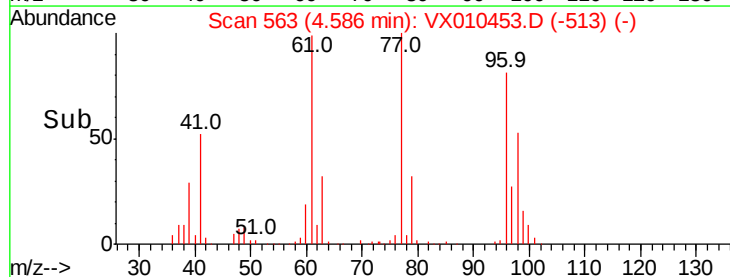
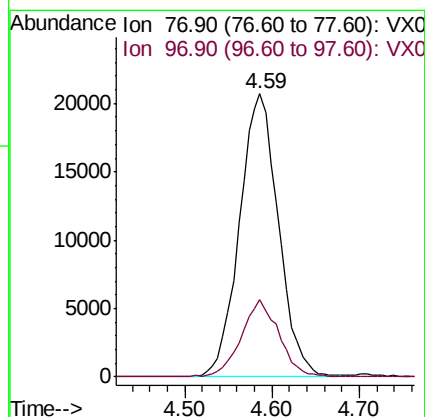
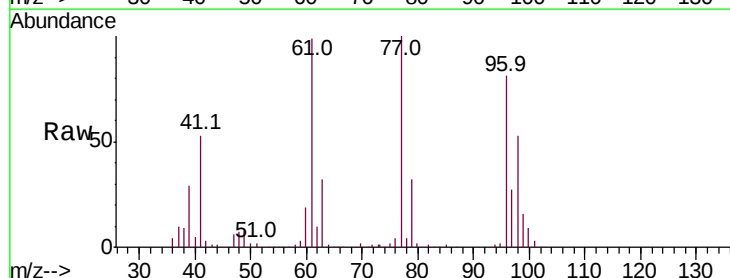
Acq: 26 Jun 2019 11:29

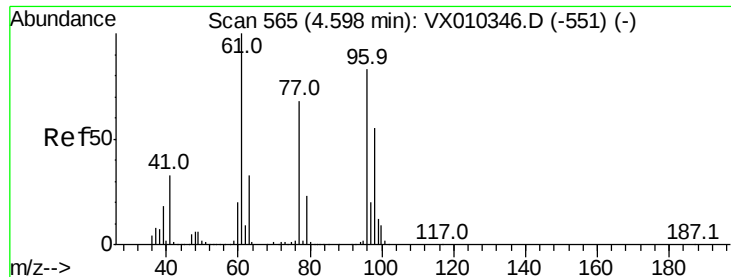
Tgt Ion: 77 Resp: 64010

Ion Ratio Lower Upper

77 100

97 26.3 13.1 39.3





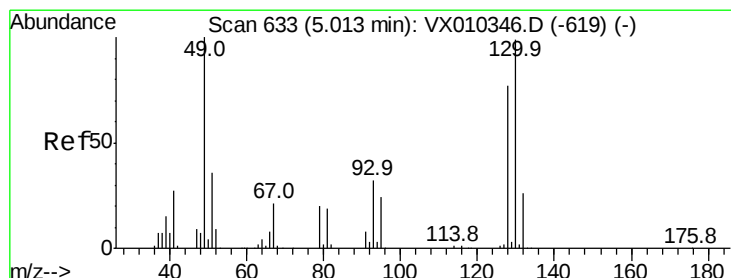
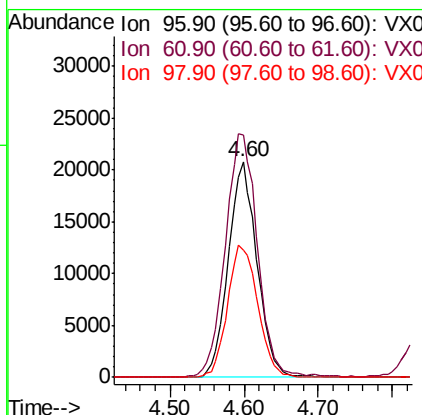
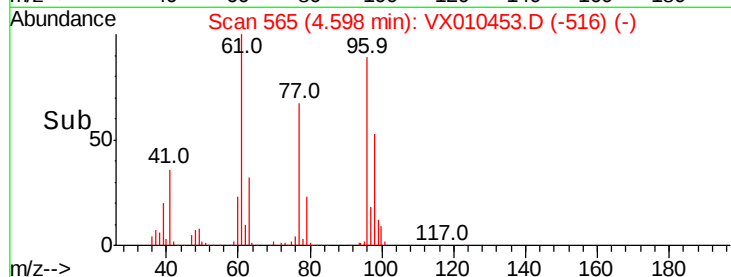
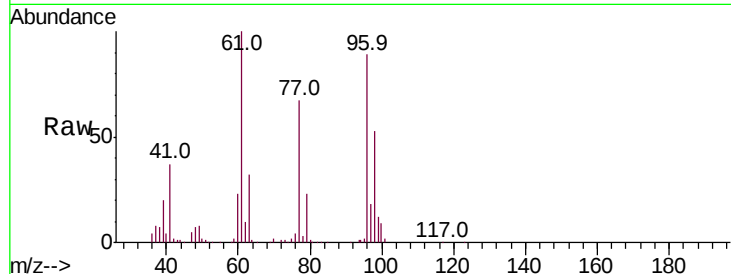
#27
 cis-1,2-Dichloroethene
 Concen: 19.449 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	56259		
61	125.8	0.0	251.8	
98	64.6	0.0	129.4	

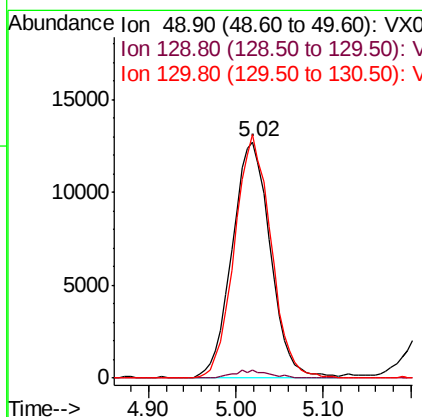
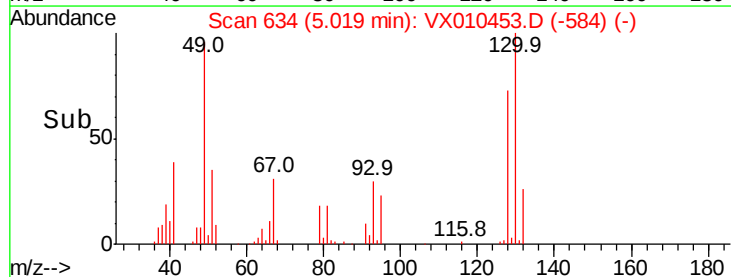
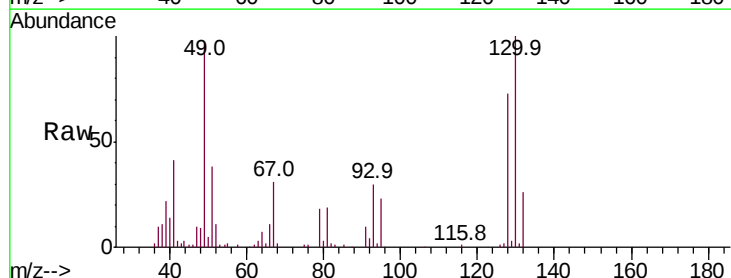
Manual Integrations
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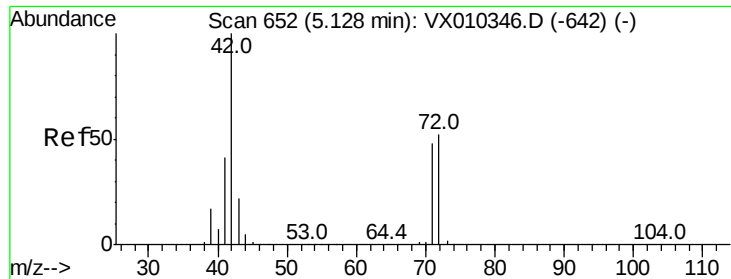
MMDadoda
 6/27/2019 10:11:36 AM



#28
 Bromochloromethane
 Concen: 20.304 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	38766		
129	3.2	0.0	5.6	
130	98.0	81.4	122.0	





#29

Tetrahydrofuran

Concen: 99.583 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

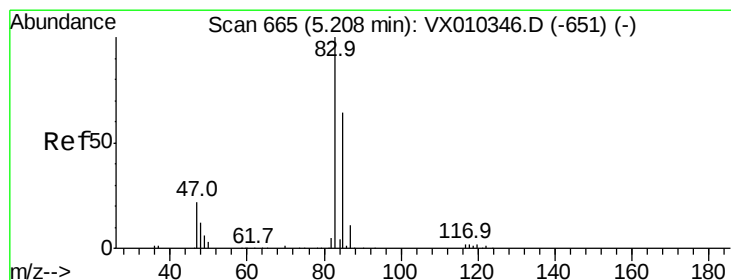
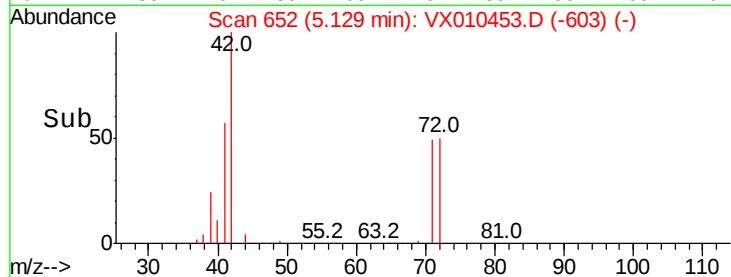
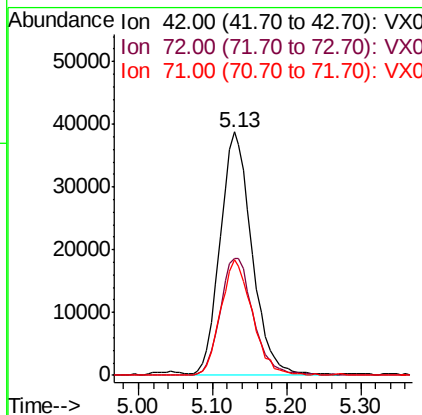
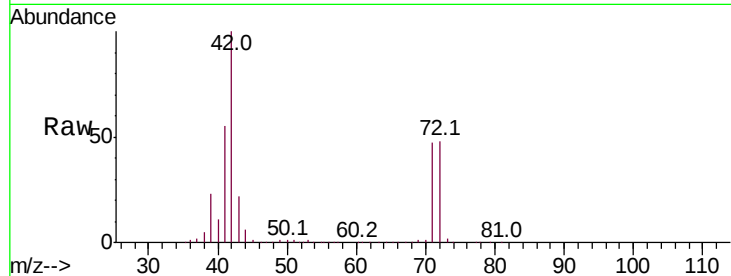
ClientSampleId :

VX0626WBS01

Tot Ion:	42	Resp:	114162
Ion Ratio	Lower	Upper	
42	100		
72	50.3	40.6	60.8
71	47.6	37.8	56.8

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#30

Chloroform

Concen: 19.406 ug/l

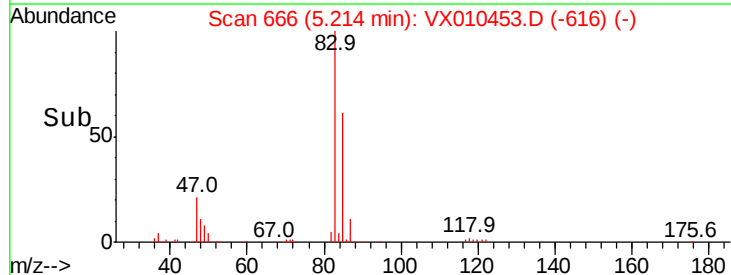
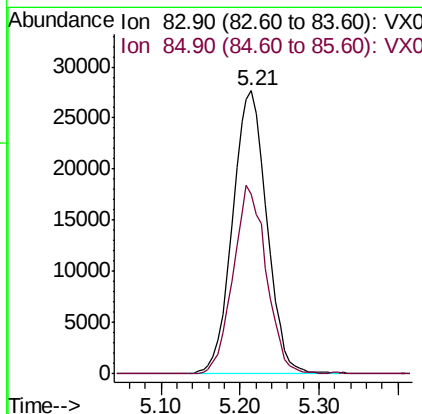
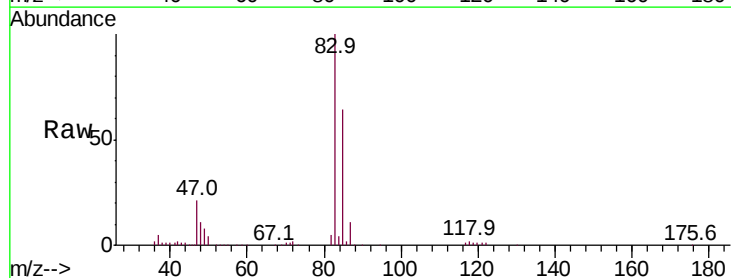
RT: 5.21 min Scan# 666

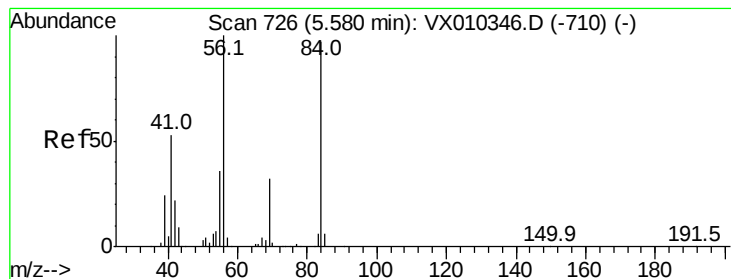
Delta R.T. 0.01 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Tgt Ion:	83	Resp:	83380
Ion Ratio	Lower	Upper	
83	100		
85	63.7	50.9	76.3





#31

Cvclohexane

Concen: 18.820 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

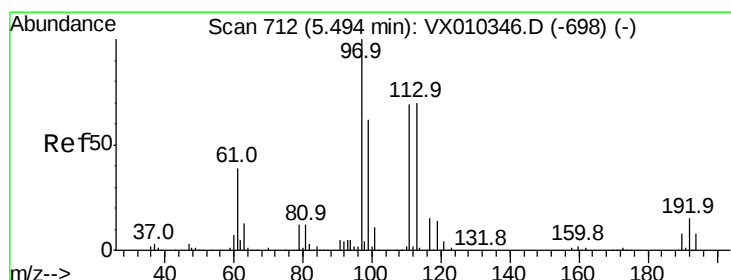
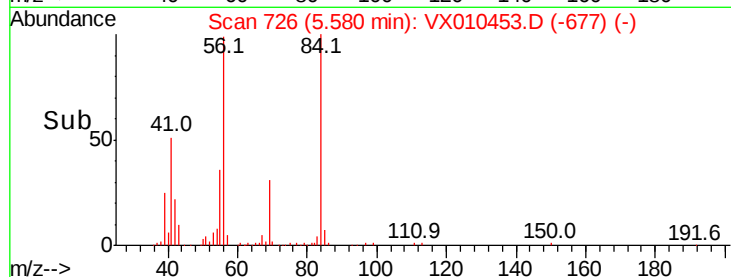
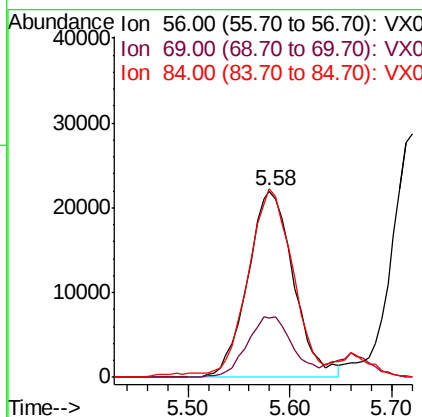
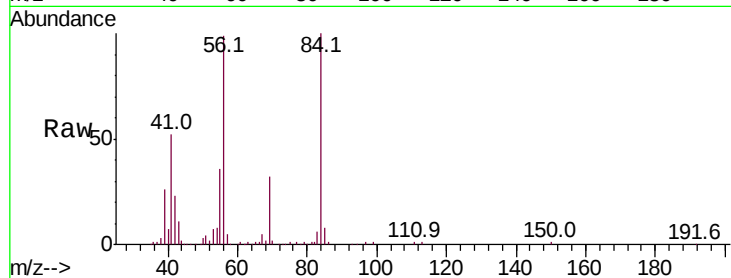
ClientSampleId :

VX0626WBS01

Tot Ion:	56	Resp:	68437
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.9	38.9
84	98.8	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 19.542 ug/l

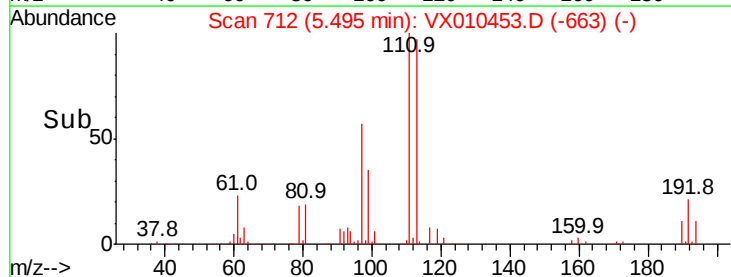
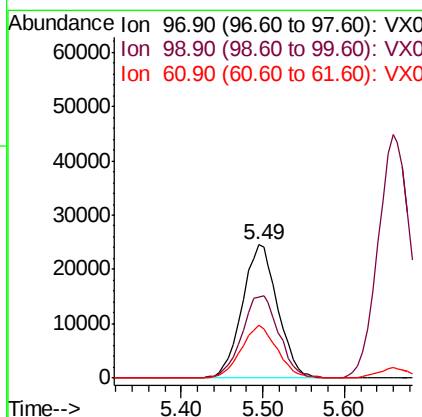
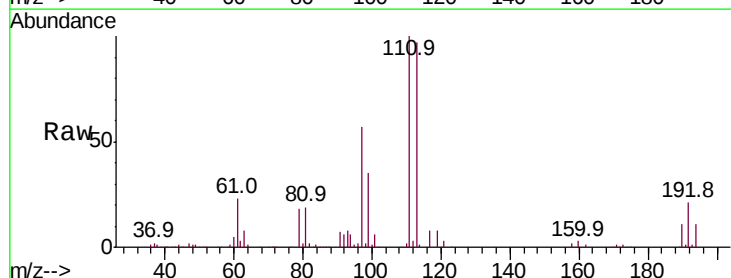
RT: 5.49 min Scan# 712

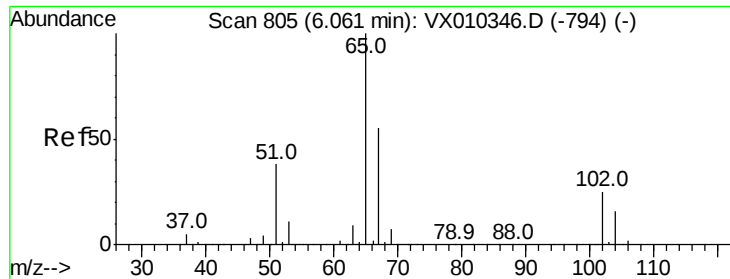
Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Tgt Ion:	97	Resp:	74139
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	40.5	32.1	48.1





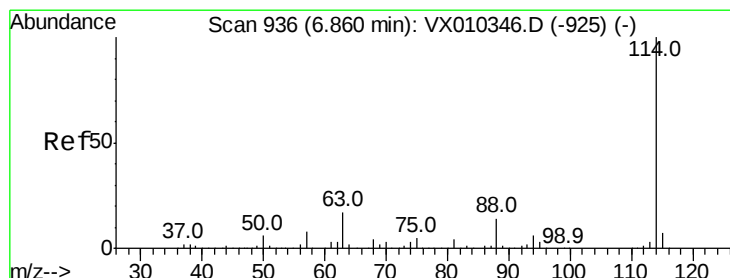
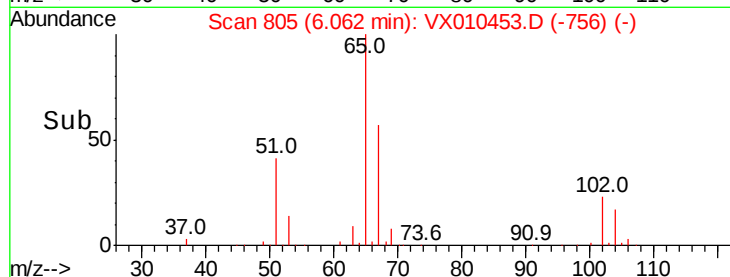
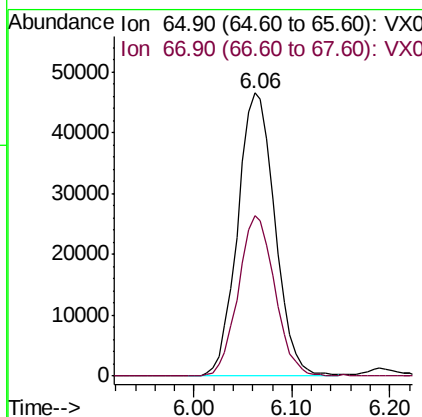
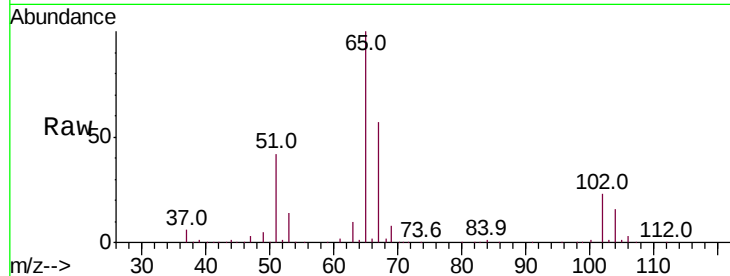
#33
 1,2-Dichloroethane-d4
 Concen: 49.015 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	110.2

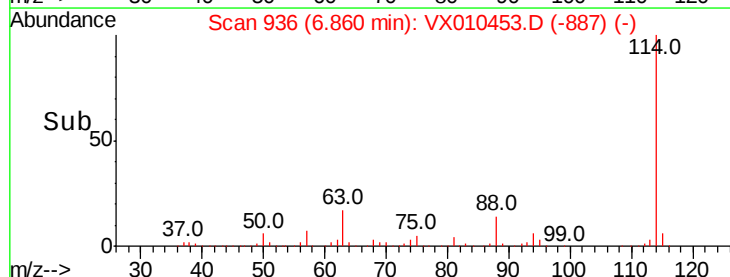
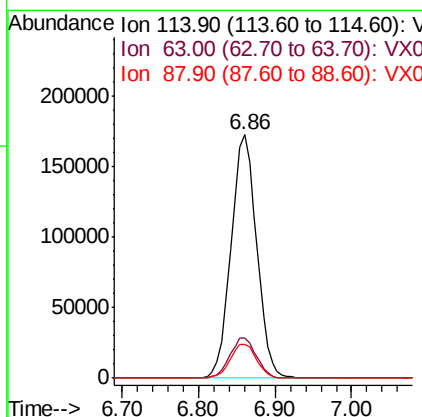
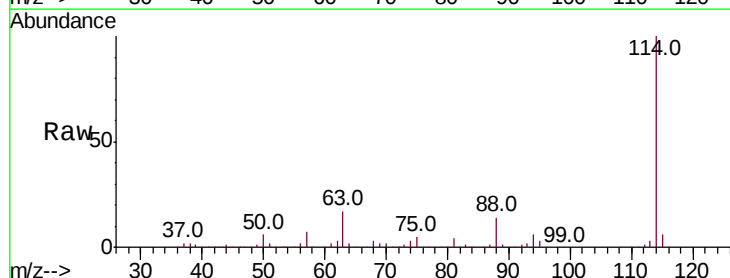
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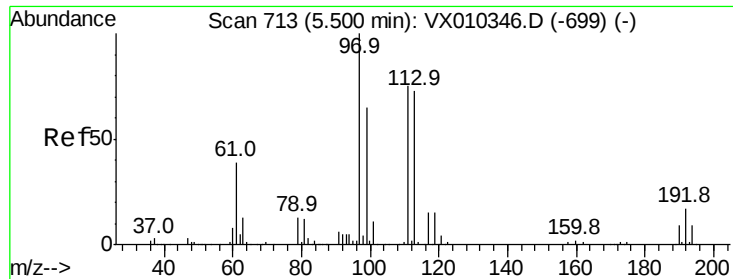
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	33.8
88	14.0	0.0	27.6





#35

Dibromofluoromethane

Concen: 49.836 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

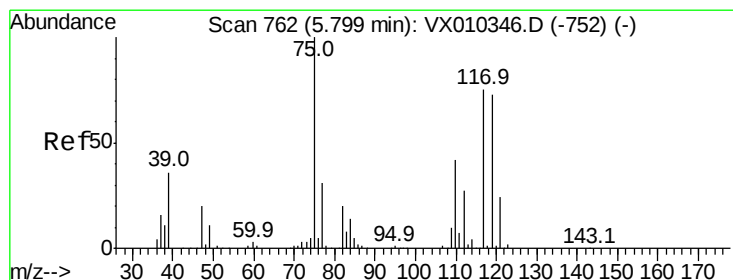
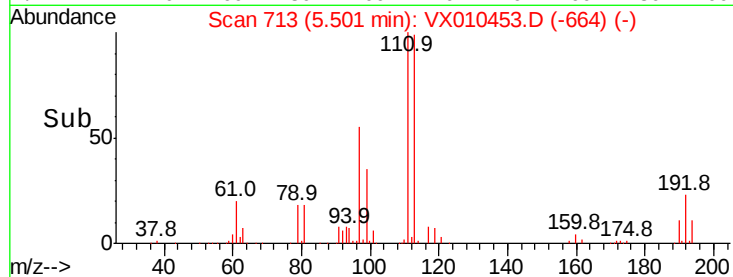
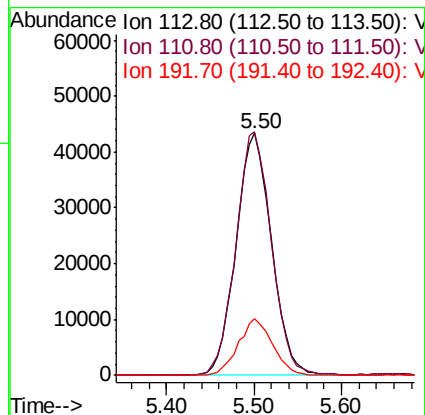
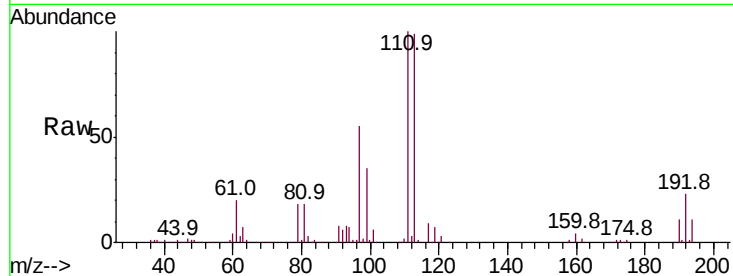
ClientSampleId :

VX0626WBS01

Tot Ion:	113	Resp:	122155
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.2	121.8
192	22.7	18.6	27.8

Manual Integrations
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6/27/2019 10:11:36 AM



#36

1,1-Dichloropropene

Concen: 18.807 ug/l

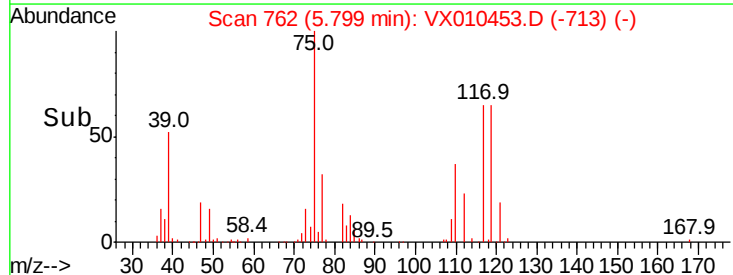
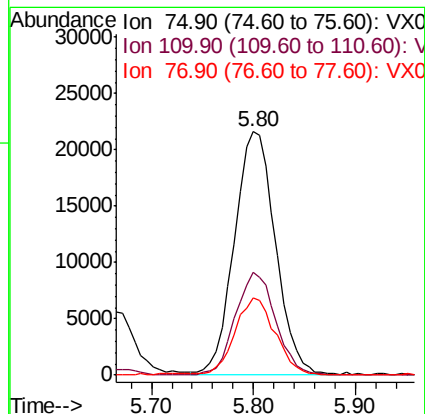
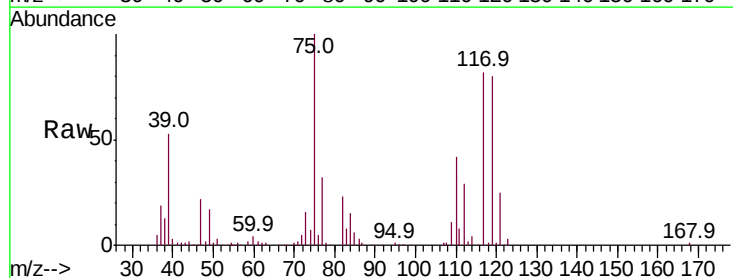
RT: 5.80 min Scan# 762

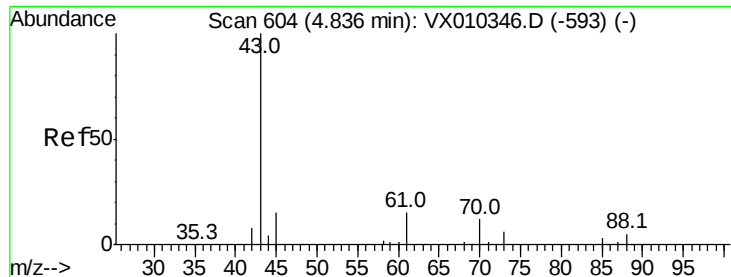
Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Tgt Ion:	75	Resp:	59873
Ion Ratio	Lower	Upper	
75	100		
110	41.8	20.8	62.2
77	30.6	25.4	38.0





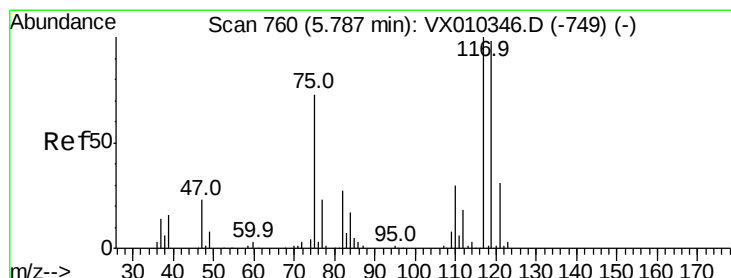
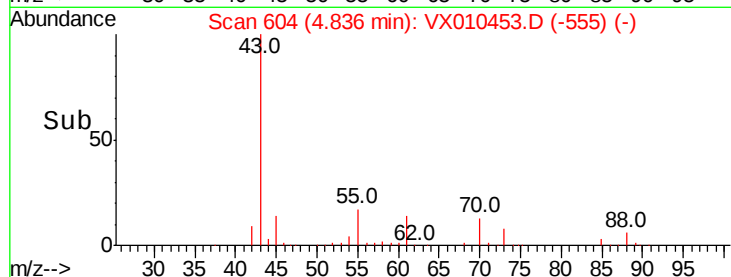
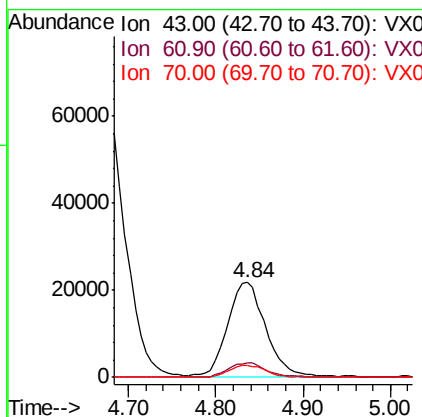
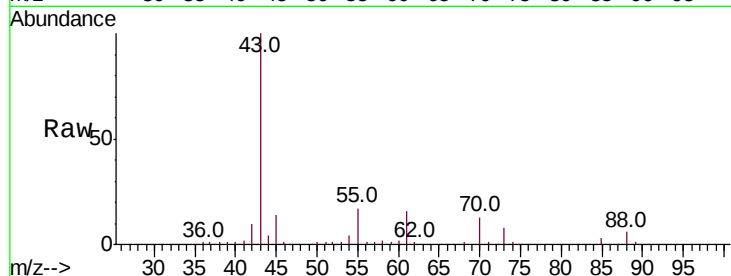
#37
Ethyl Acetate
Concen: 19.786 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.4	18.6
70	13.0	9.8	14.8

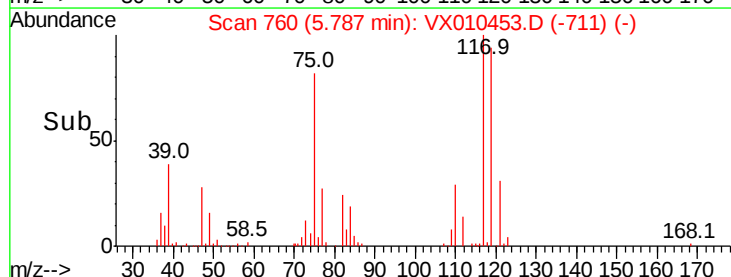
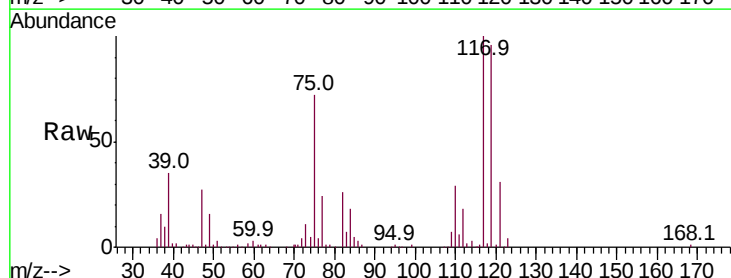
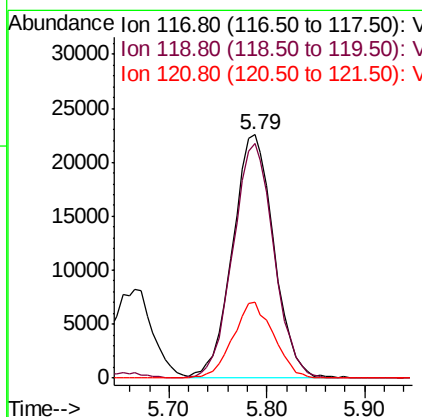
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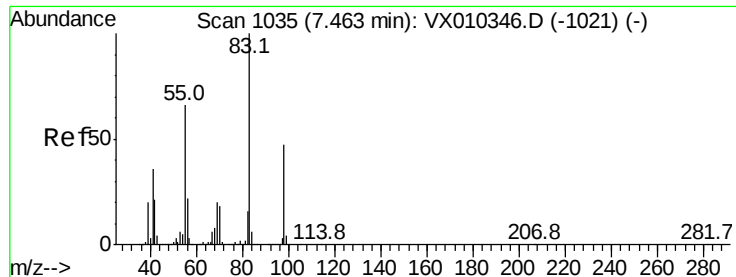
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6/27/2019 10:11:36 AM



#38
Carbon Tetrachloride
Concen: 19.151 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.2	117.4
121	31.3	24.7	37.1





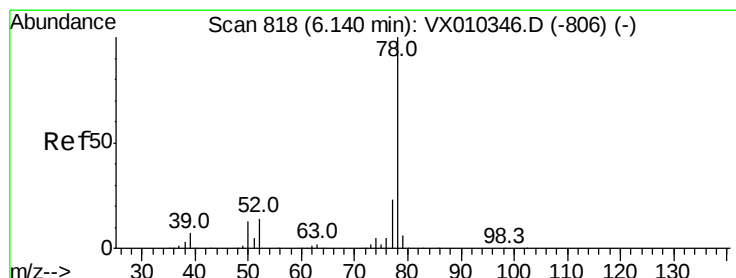
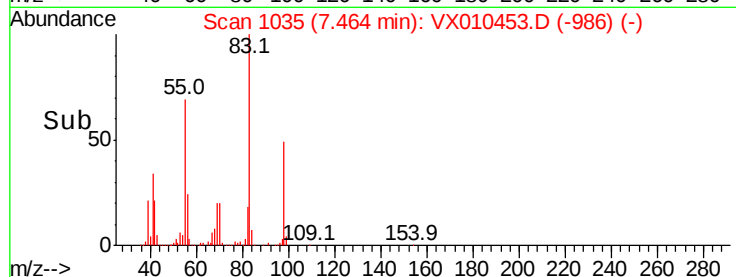
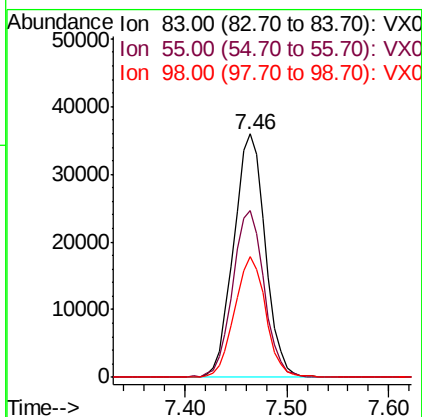
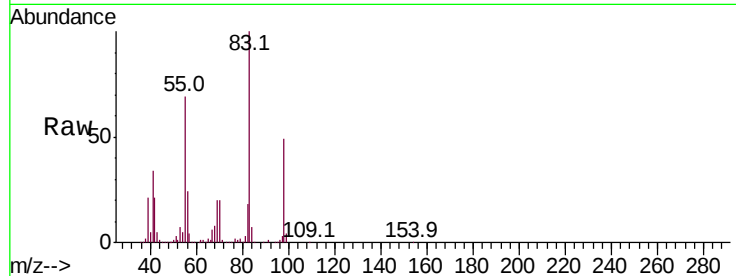
#39
Methvlcvclohexane
Concen: 18.468 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	53.0	79.6
98	49.4	37.8	56.8

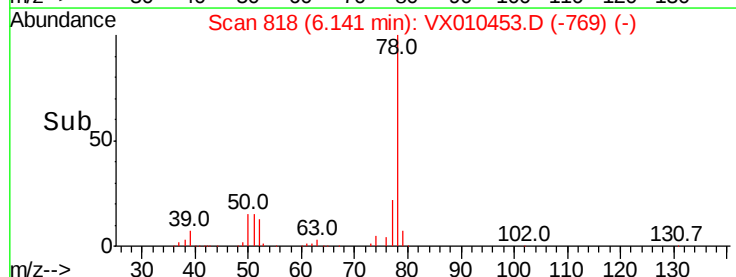
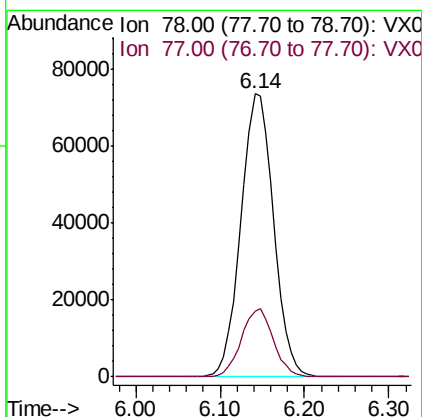
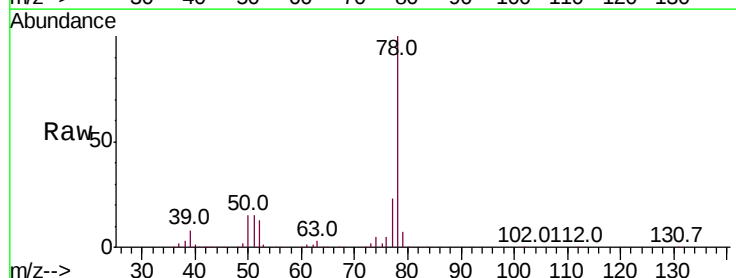
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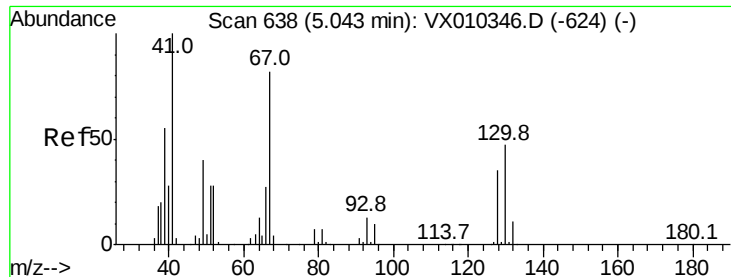
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6/27/2019 10:11:36 AM



#40
Benzene
Concen: 19.528 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0





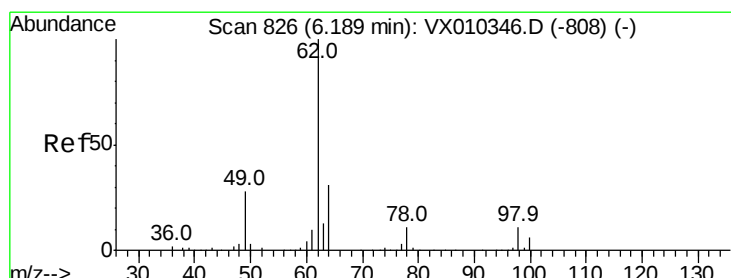
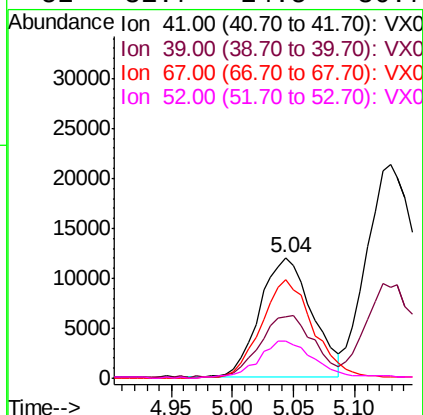
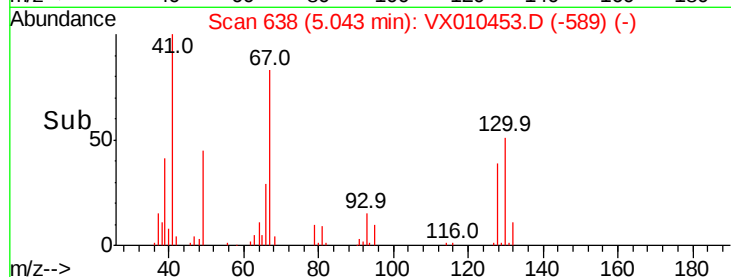
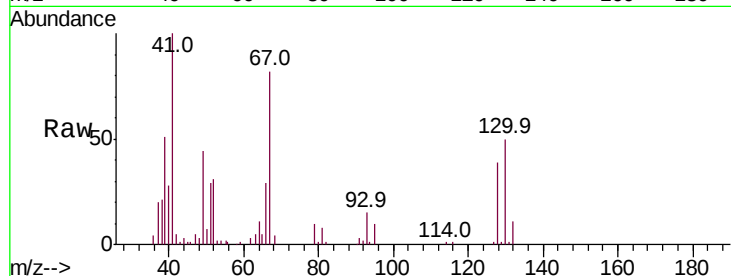
#41
Methacrylonitrile
Concen: 19.847 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	43.8	65.8	
67	82.5	66.6	100.0	
52	31.7	24.5	36.7	

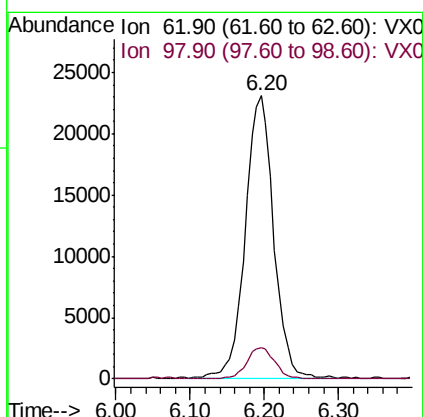
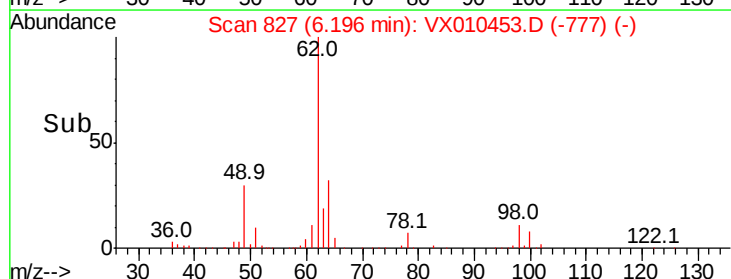
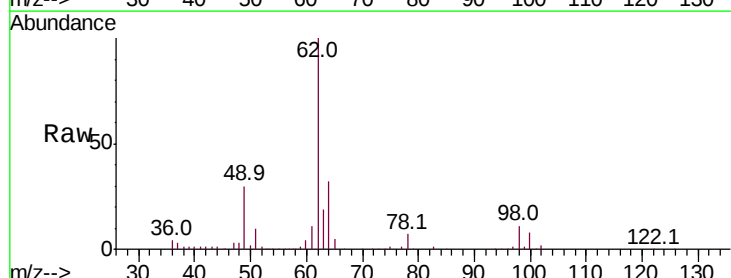
Manual Integrations
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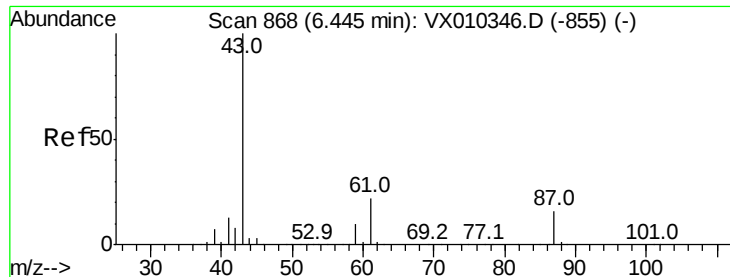
MMDadoda
6/27/2019 10:11:36 AM



#42
1,2-Dichloroethane
Concen: 20.215 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.1	0.0	22.2	





#43

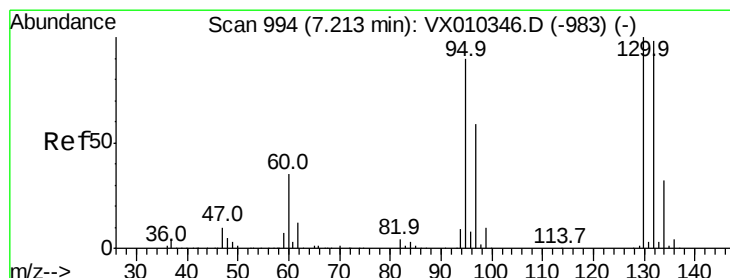
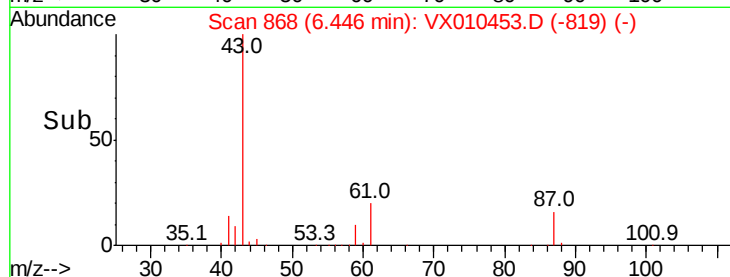
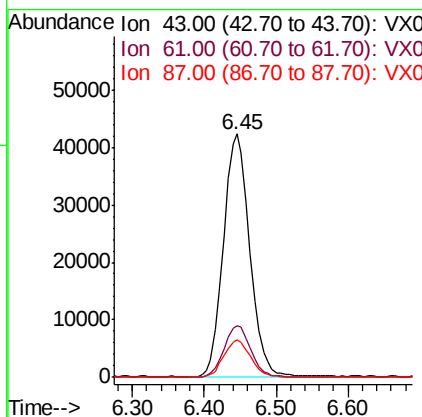
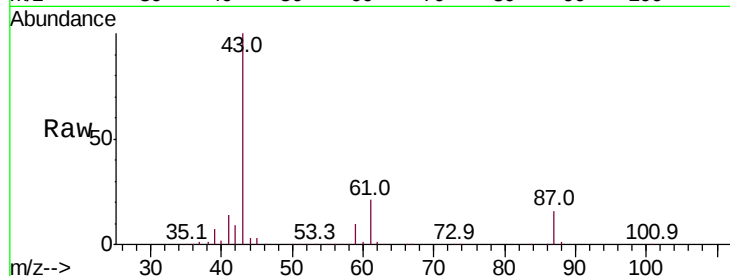
Isopropyl Acetate
 Concen: 20.042 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.8	26.6
87	15.6	13.0	19.4

Manual Integrations
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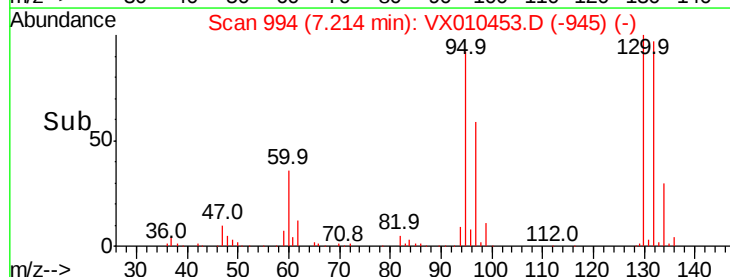
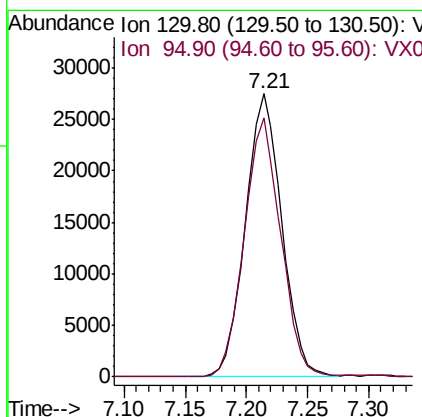
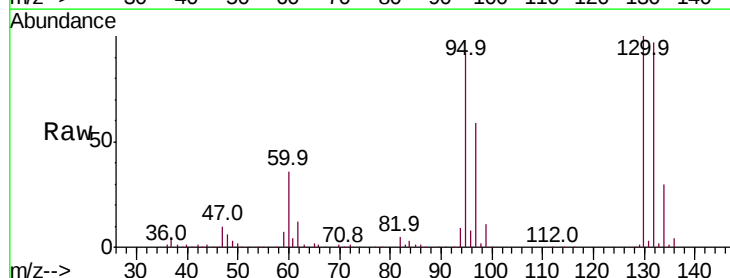
MMDadoda
 6/27/2019 10:11:36 AM

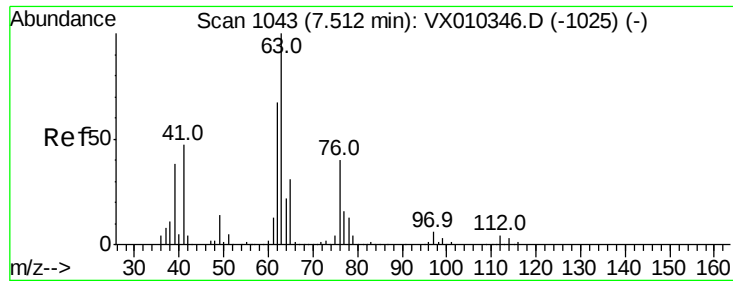


#44

Trichloroethene
 Concen: 19.217 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	180.8





#45

1,2-Dichloropropane

Concen: 19.656 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0626WBS01

Tot Ion: 63 Resp: 49231

Ion Ratio Lower Upper

63 100

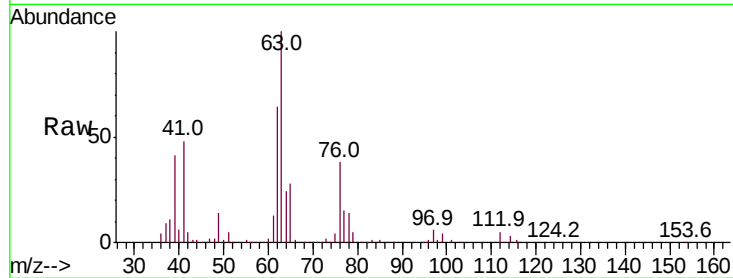
65 27.5 24.8 37.2

Manual Integrations

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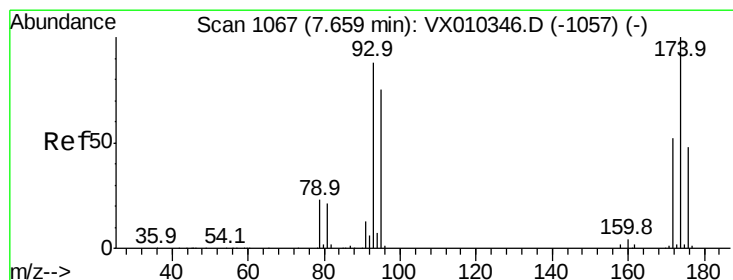
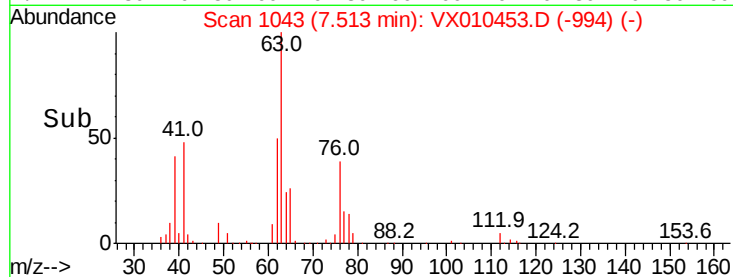
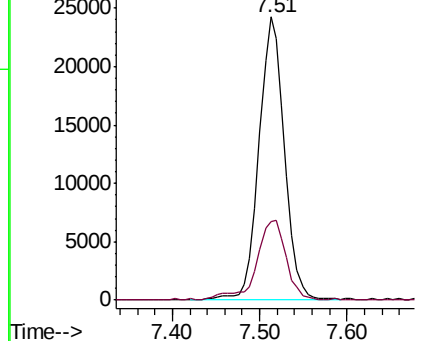
MMDadoda

6/27/2019 10:11:36 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.633 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

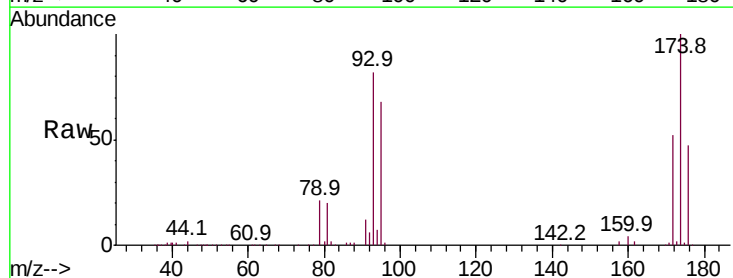
Tgt Ion: 93 Resp: 35281

Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

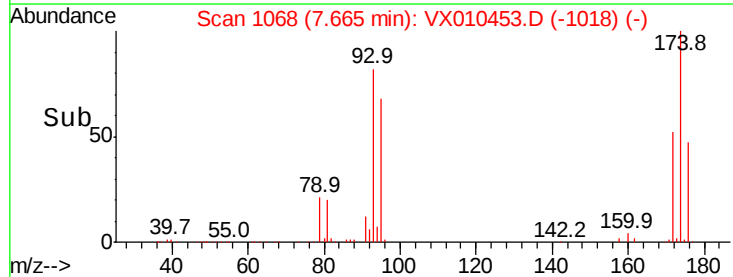
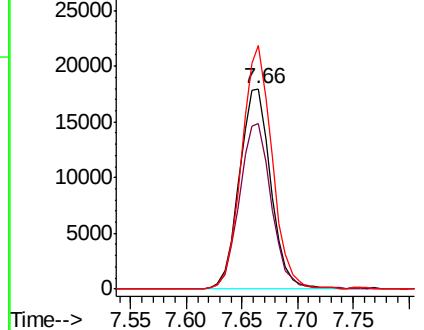
174 117.6 95.8 143.6

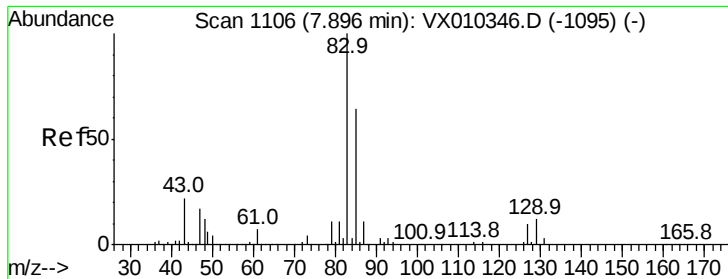


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.146 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

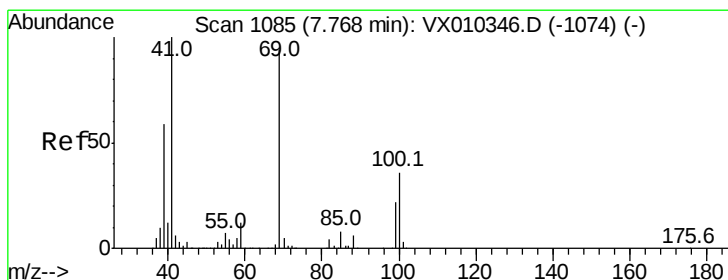
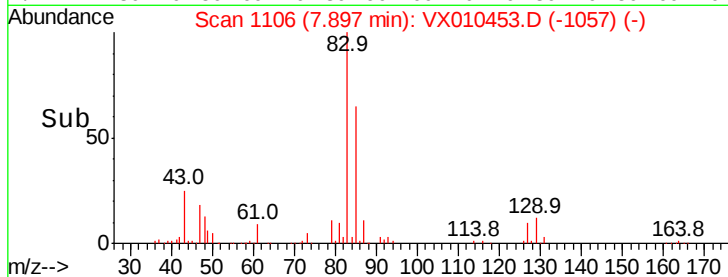
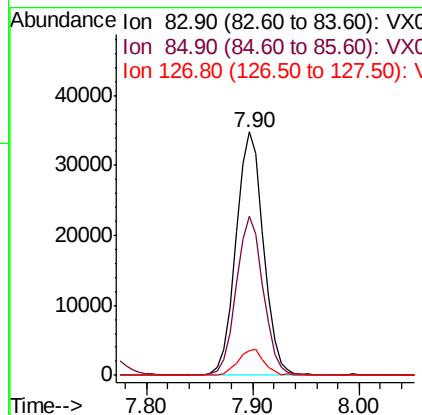
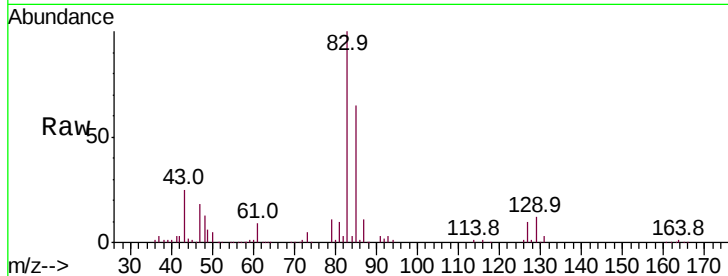
ClientSampleId :

VX0626WBS01

Tot Ion:	83	Resp:	63053
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.5	77.3
127	10.0	7.8	11.8

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#48

Methyl methacrylate

Concen: 19.800 ug/l

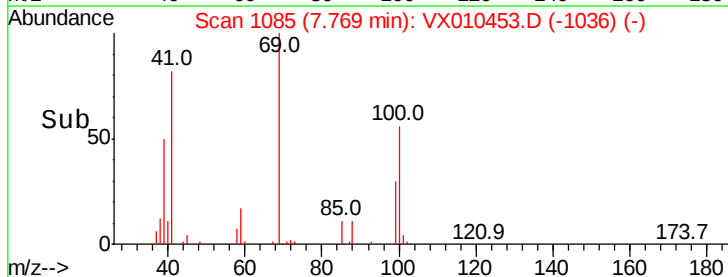
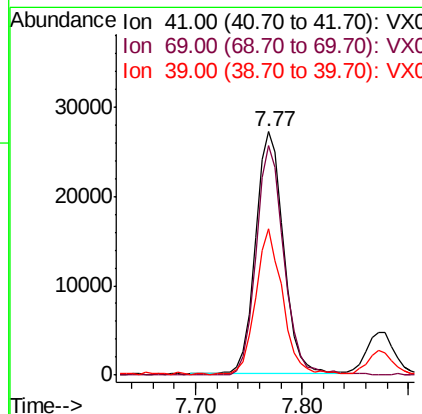
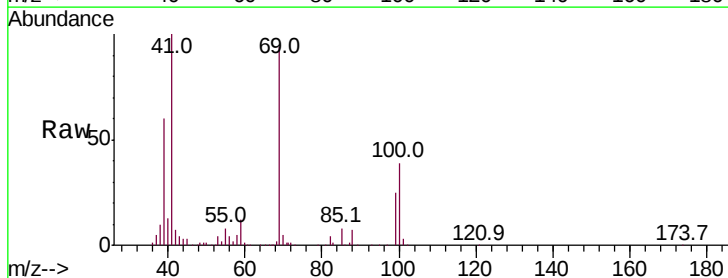
RT: 7.77 min Scan# 1085

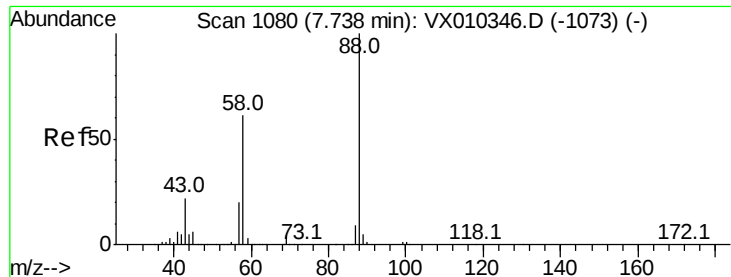
Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Tgt Ion:	41	Resp:	49870
Ion Ratio	Lower	Upper	
41	100		
69	95.0	76.1	114.1
39	57.7	47.6	71.4





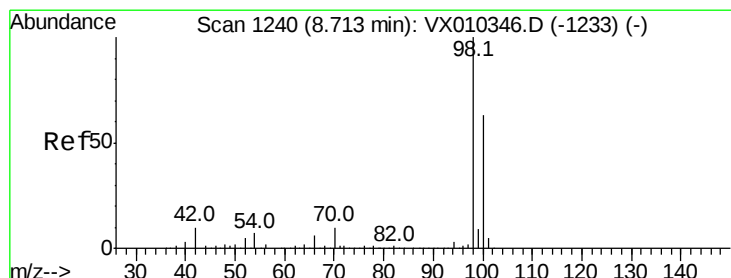
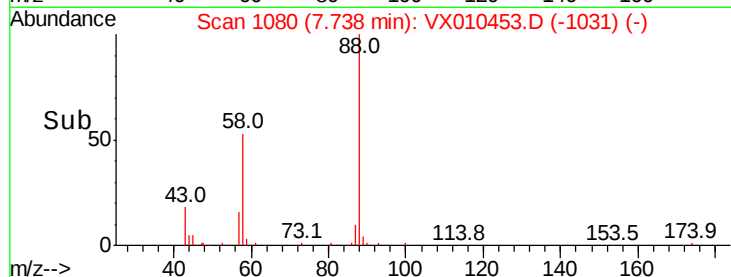
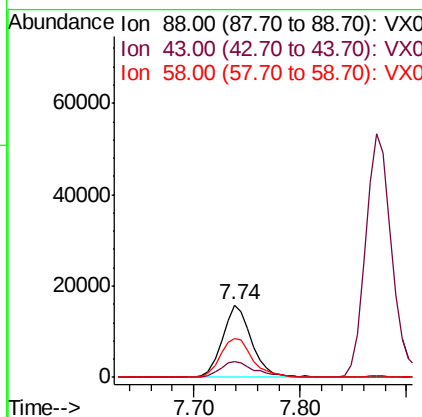
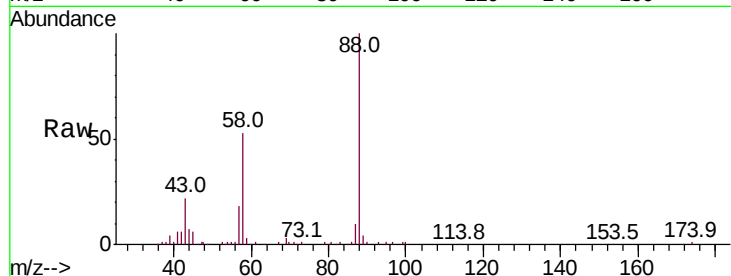
#49
1,4-Dioxane
Concen: 418.644 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampled :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.5	20.2	30.2
58	58.8	49.5	74.3

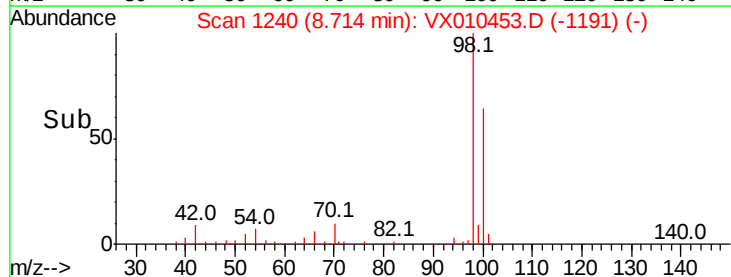
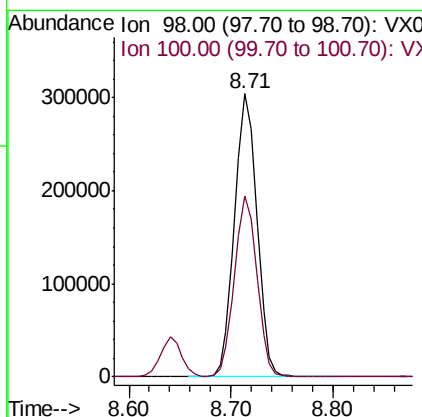
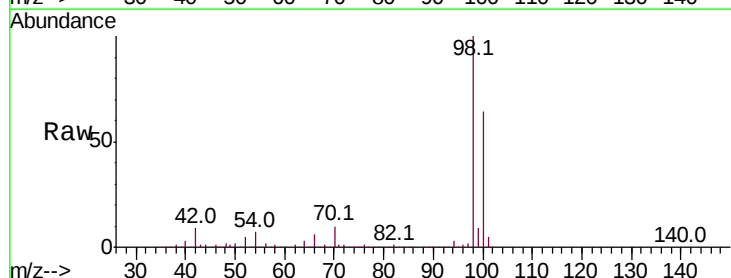
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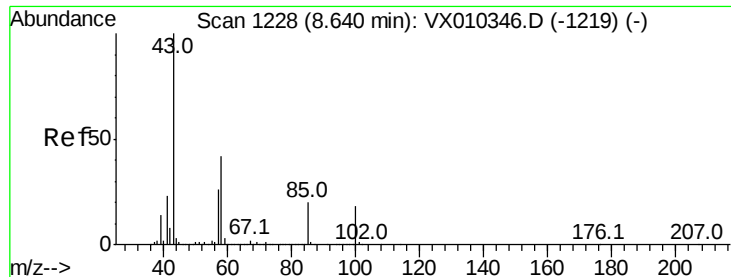
MMDadoda
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#50
Toluene-d8
Concen: 49.155 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 102.203 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0626WBS01

Tot Ion: 43 Resp: 354187

Ion Ratio Lower Upper

43 100

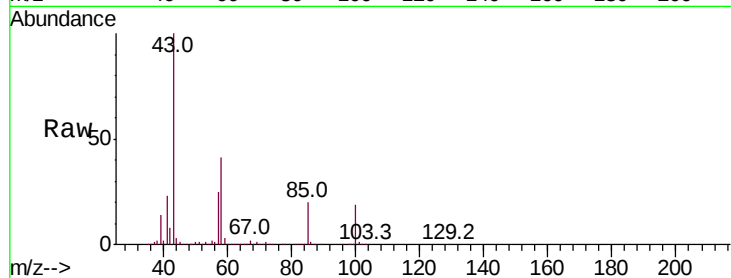
58 41.2 33.5 50.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

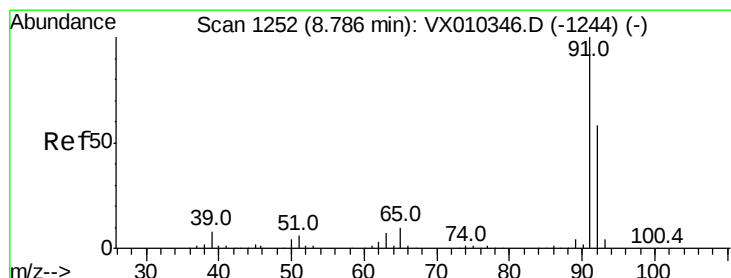
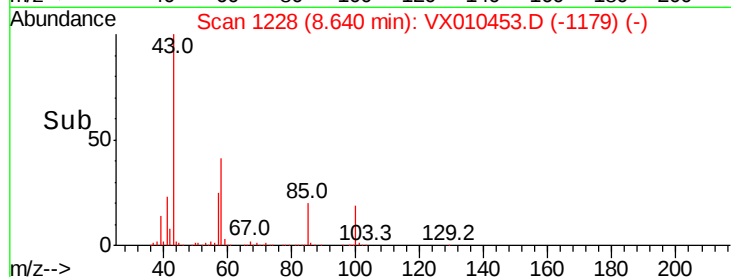
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.458 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010453.D

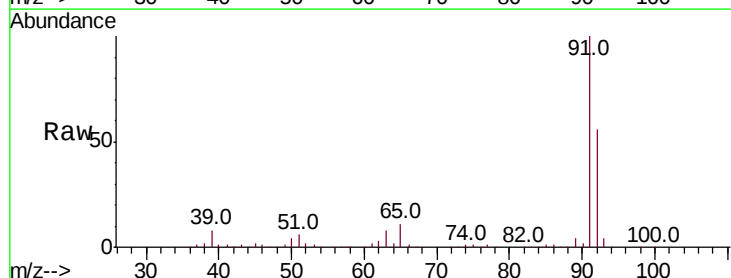
Acq: 26 Jun 2019 11:29

Tgt Ion: 92 Resp: 127091

Ion Ratio Lower Upper

92 100

91 173.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

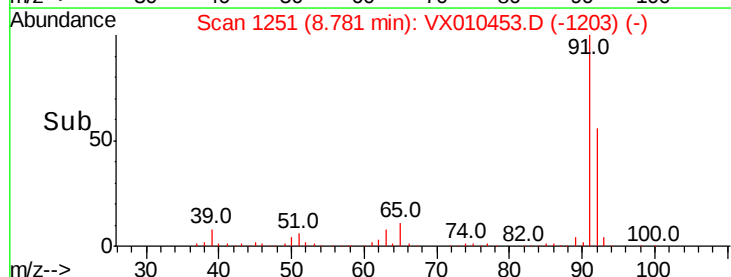
150000

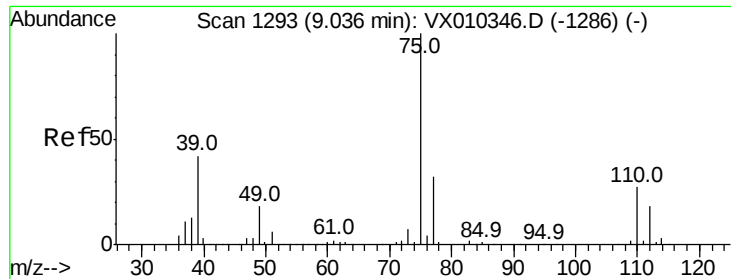
100000

50000

0

Time--> 8.70 8.80 8.90





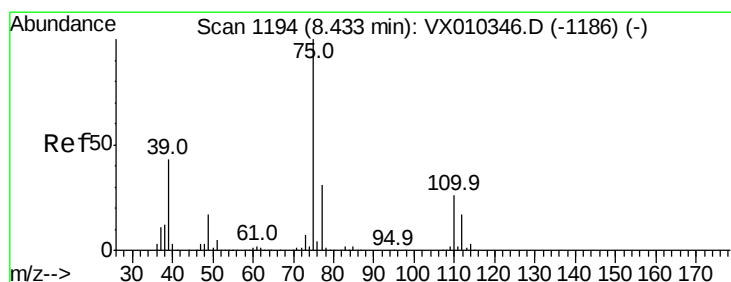
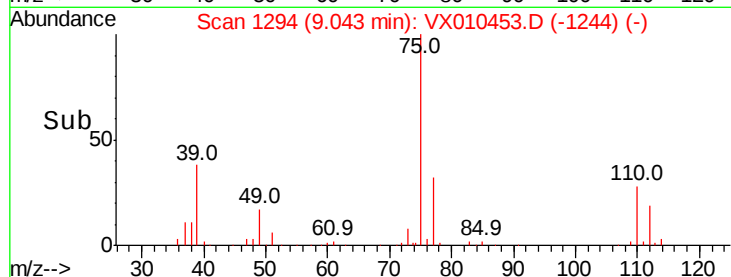
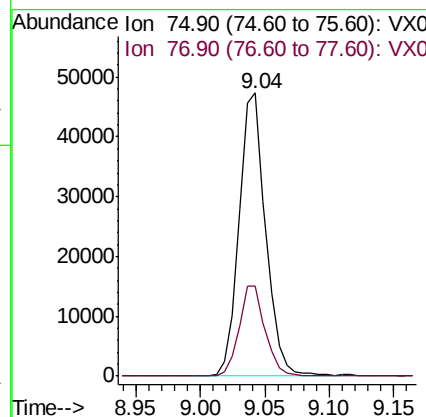
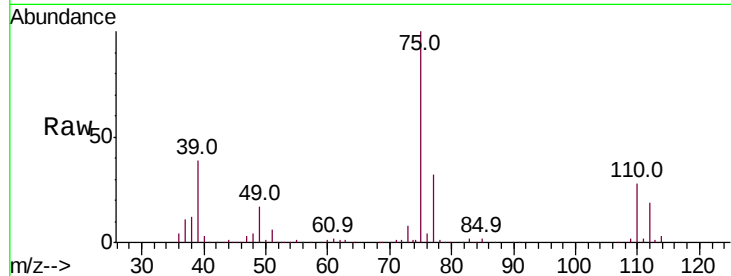
#53
t-1,3-Dichloropropene
Concen: 18.478 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion: 75 Resp: 68226
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

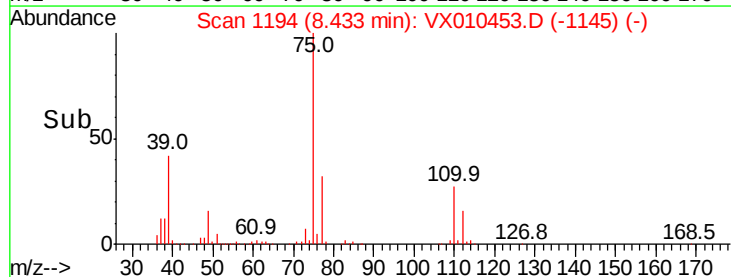
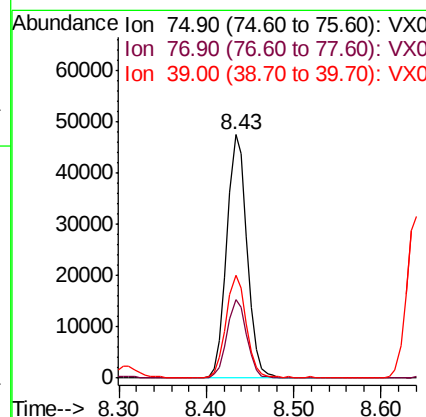
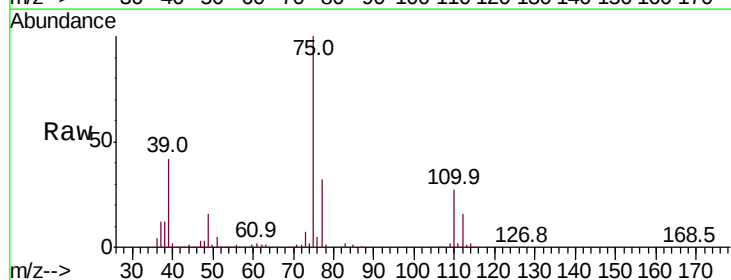
Manual Integrations
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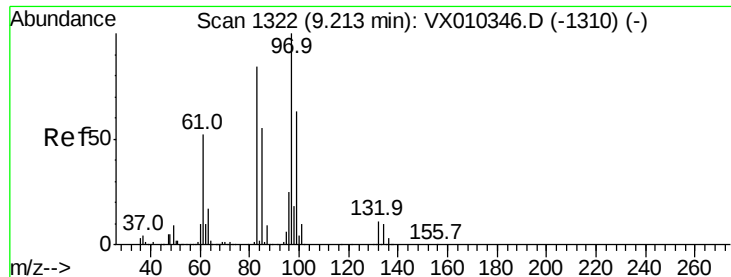
MMDadoda
6/27/2019 10:11:36 AM



#54
cis-1,3-Dichloropropene
Concen: 19.037 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 75 Resp: 76382
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
39 41.9 34.5 51.7





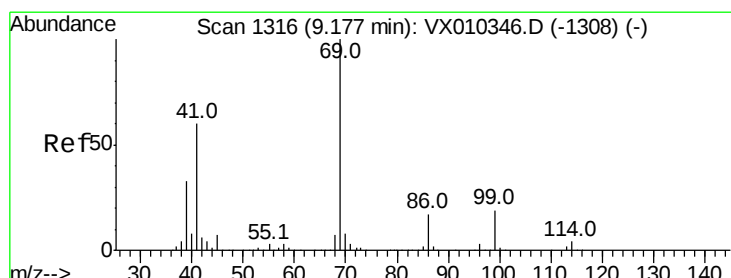
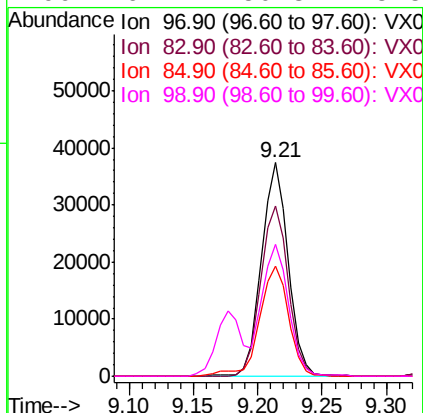
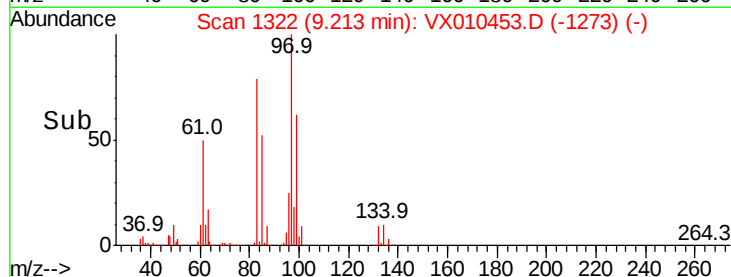
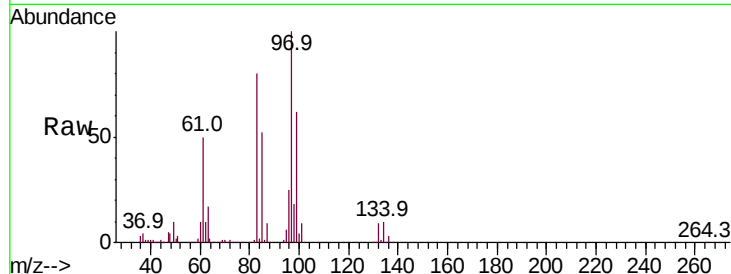
#55
 1,1,2-Trichloroethane
 Concen: 19.904 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion:	97	Resp:	53616
Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.4	101.0
85	51.6	43.8	65.8
99	61.4	50.3	75.5

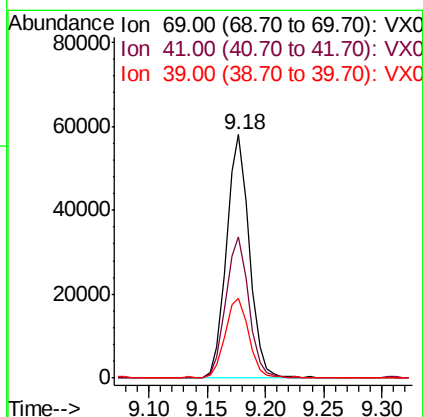
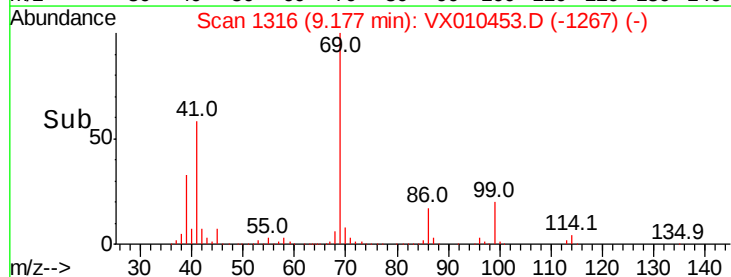
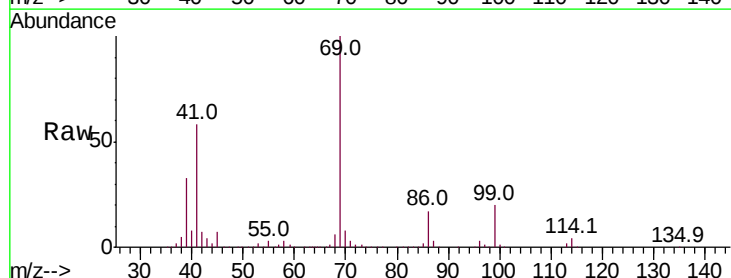
Manual Integrations
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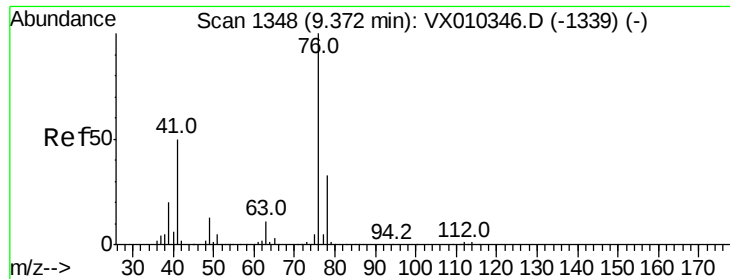
MMDadoda
 6/27/2019 10:11:36 AM



#56
 Ethyl methacrylate
 Concen: 19.391 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Tgt Ion:	69	Resp:	79127
Ion	Ratio	Lower	Upper
69	100		
41	57.9	47.1	70.7
39	33.9	26.6	40.0





#57

1,3-Dichloropropane

Concen: 20.050 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 76 Resp: 83837

Ion Ratio Lower Upper

76 100

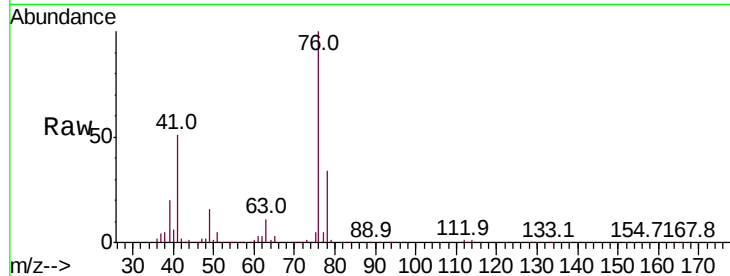
78 32.4 26.1 39.1

Manual Integrations

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MMDadoda

6/27/2019 10:11:36 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

60000

50000

40000

30000

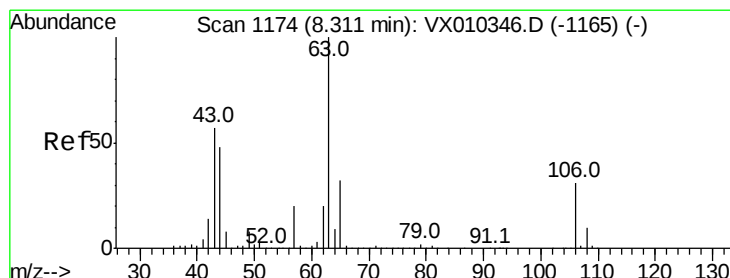
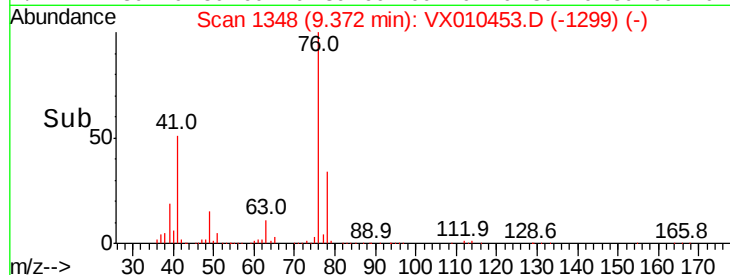
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 99.591 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010453.D

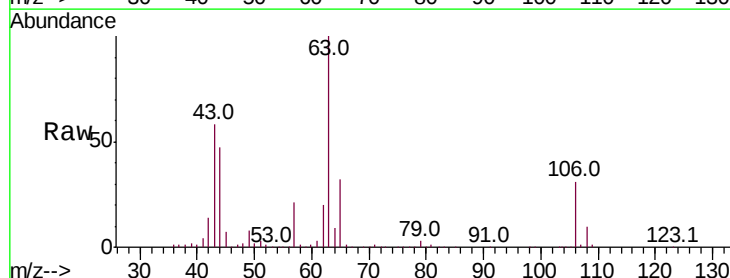
Acq: 26 Jun 2019 11:29

Tgt Ion: 63 Resp: 193010

Ion Ratio Lower Upper

63 100

106 31.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

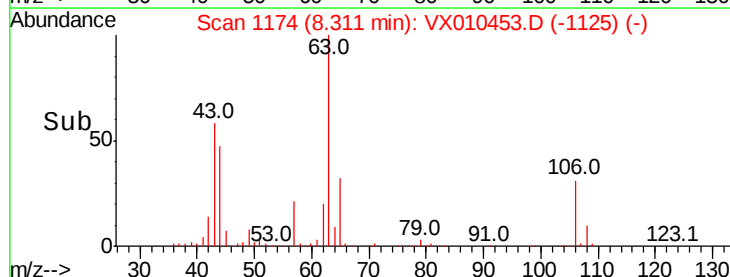
100000

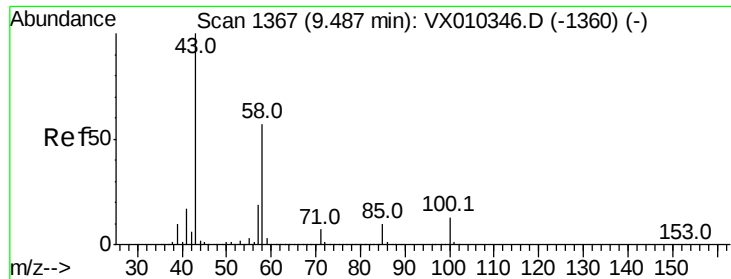
50000

0

8.20 8.30 8.40

Time-->





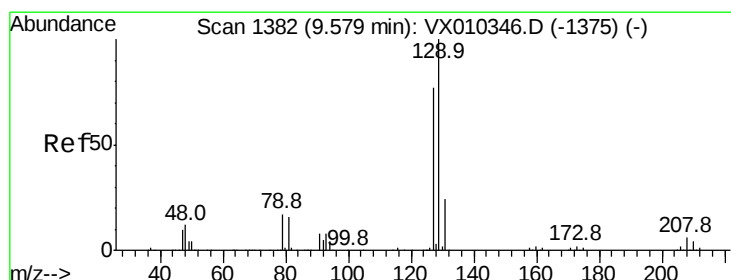
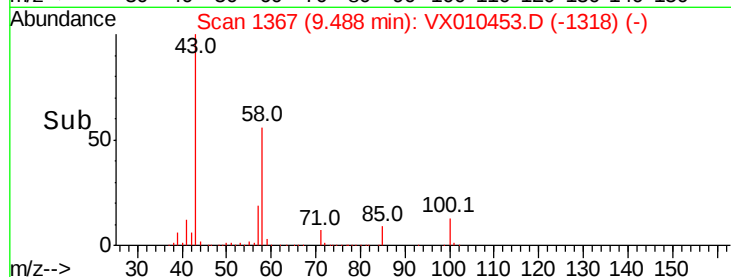
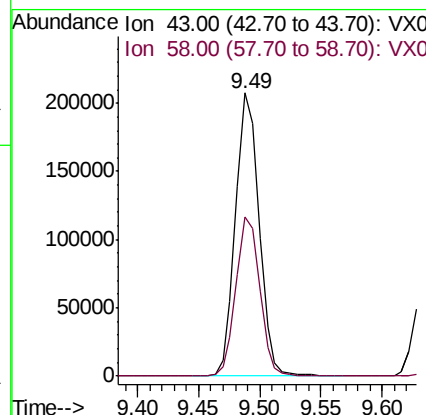
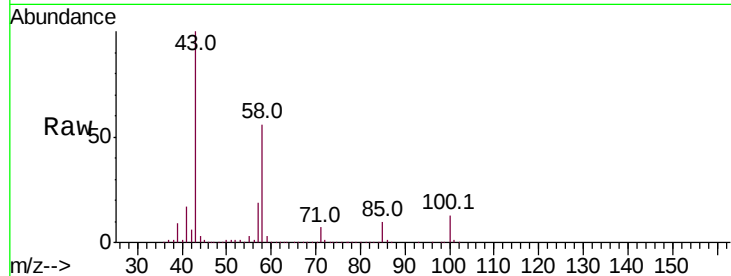
#59
2-Hexanone
Concen: 101.253 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion: 43 Resp: 276166
Ion Ratio Lower Upper
43 100
58 57.2 29.0 87.1

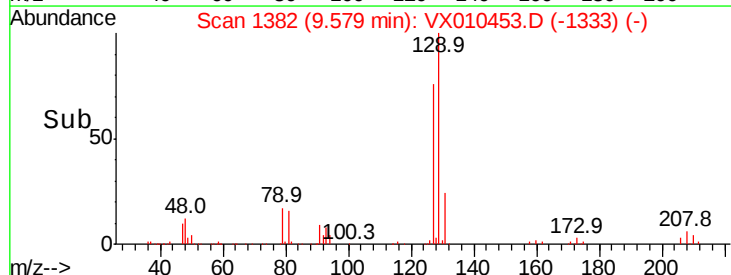
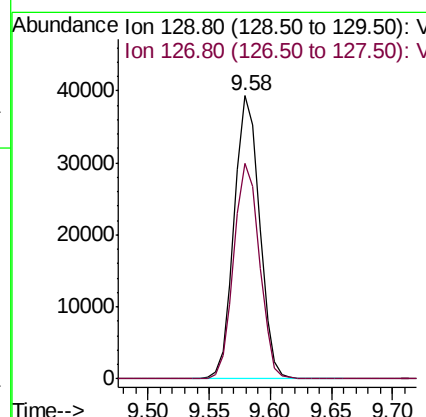
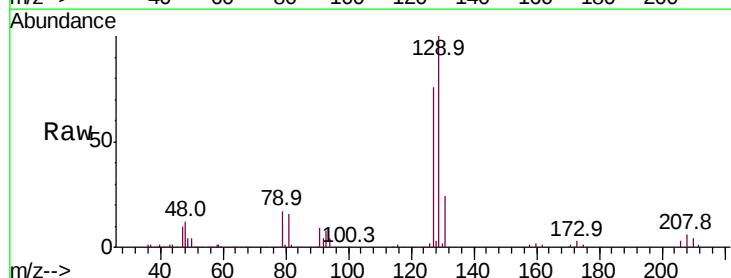
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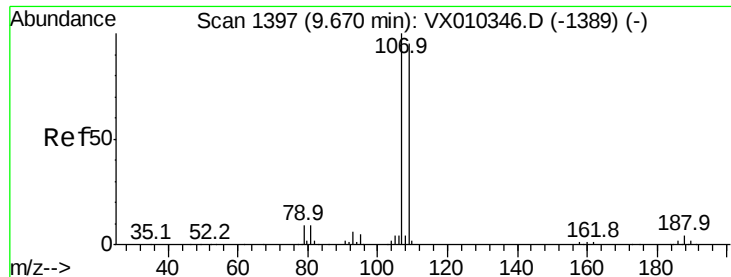
MMDadoda
6/27/2019 10:11:36 AM



#60
Dibromochloromethane
Concen: 18.665 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 129 Resp: 56294
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.294 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:107 Resp: 56098

Ion Ratio Lower Upper

107 100

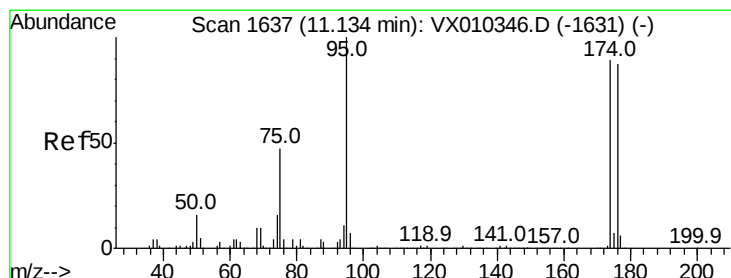
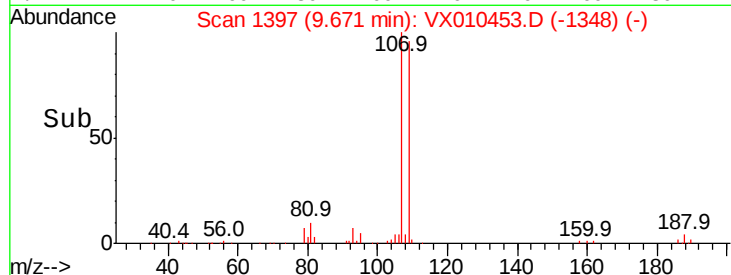
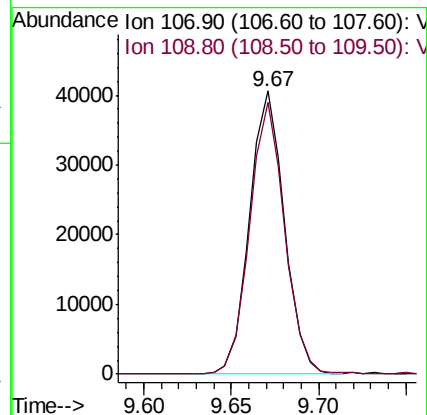
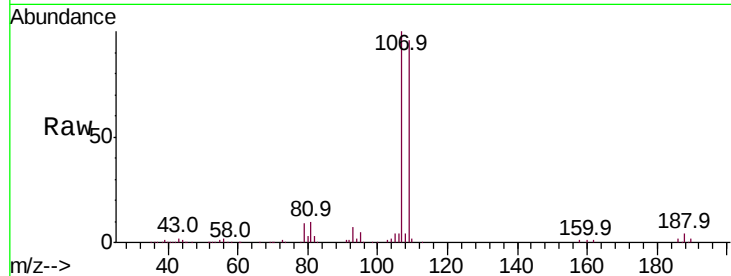
109 96.5 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 48.047 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

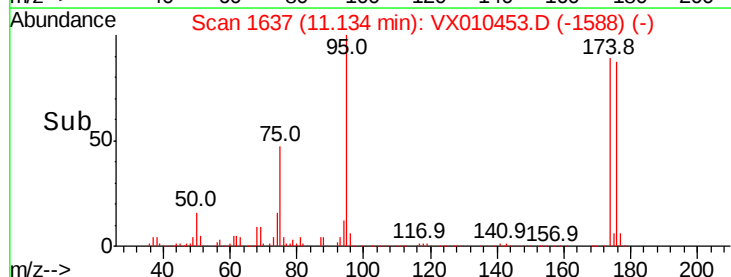
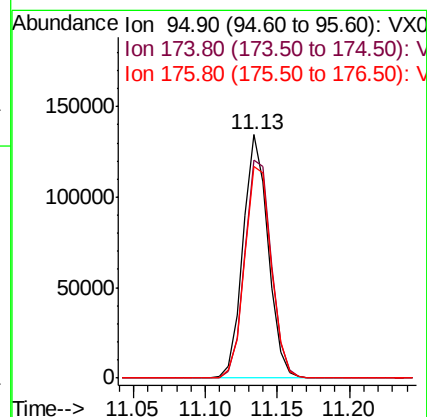
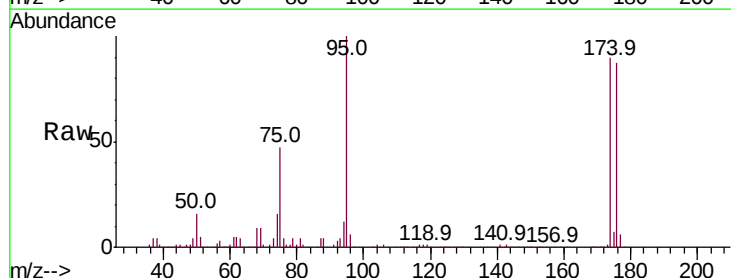
Tgt Ion: 95 Resp: 162666

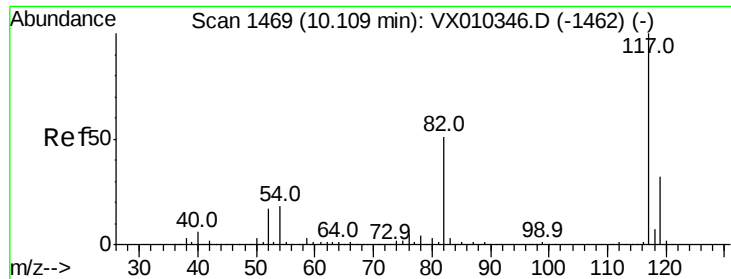
Ion Ratio Lower Upper

95 100

174 94.8 0.0 187.6

176 92.3 0.0 184.0





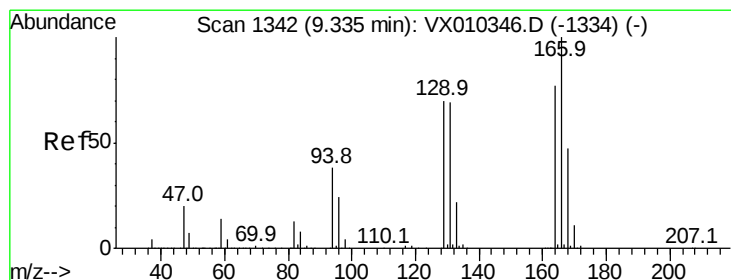
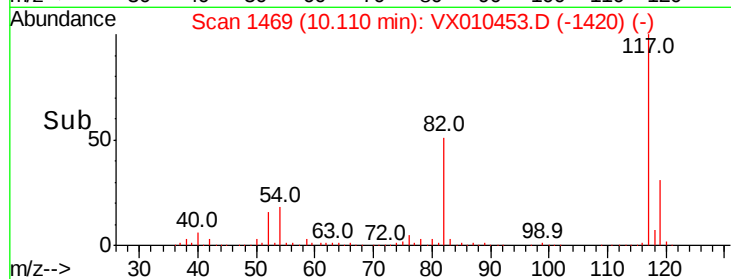
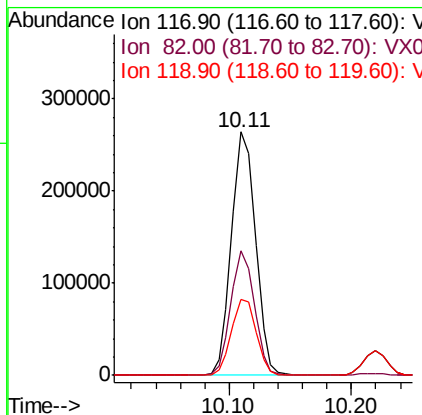
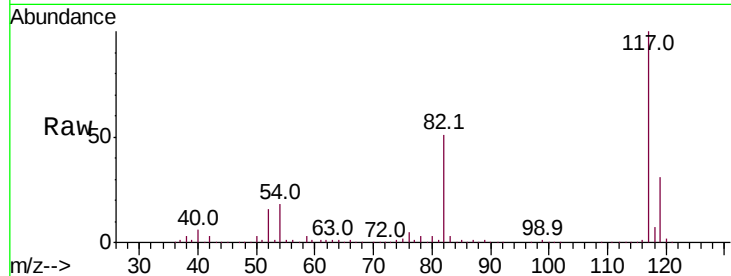
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	360457		
82	51.1	41.2	61.8	
119	31.4	25.5	38.3	

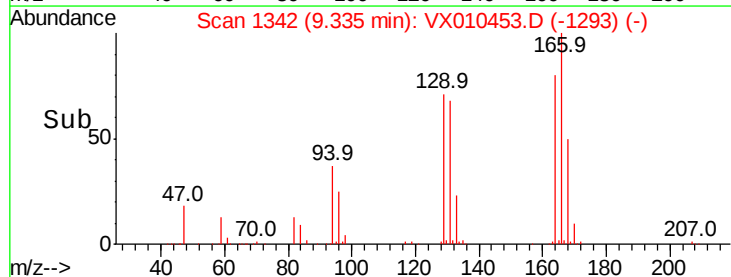
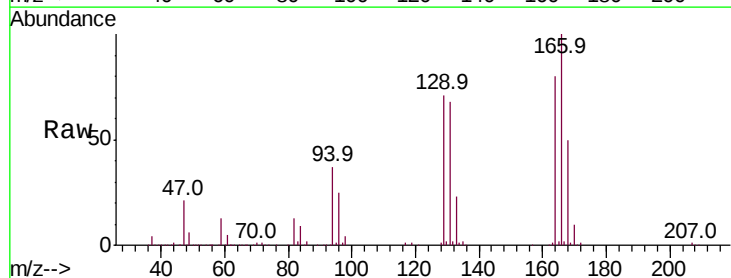
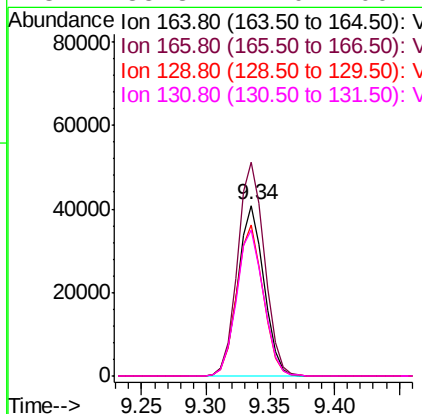
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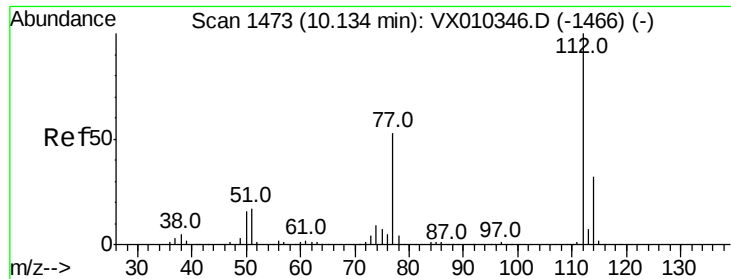
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#64
Tetrachloroethene
Concen: 19.776 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	57657		
166	125.1	103.6	155.4	
129	88.8	73.0	109.4	
131	85.3	71.0	106.4	





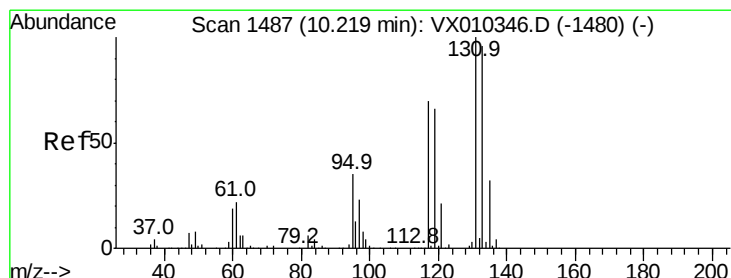
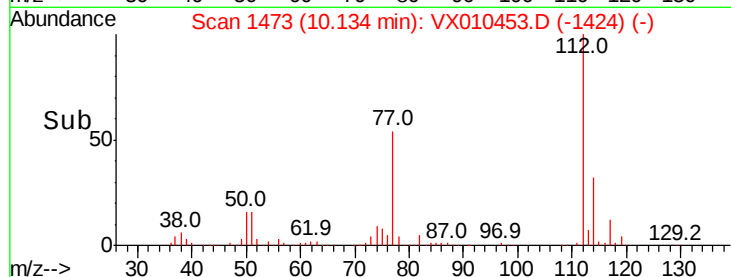
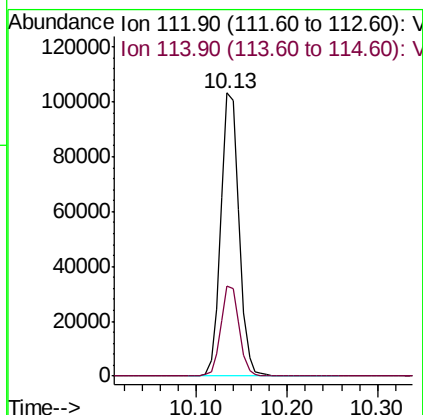
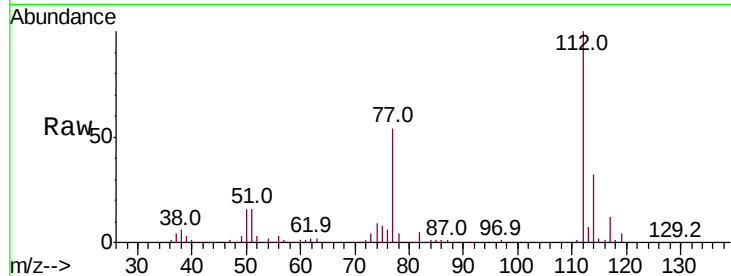
#65
Chlorobenzene
Concen: 19.766 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion:112 Resp: 144644
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

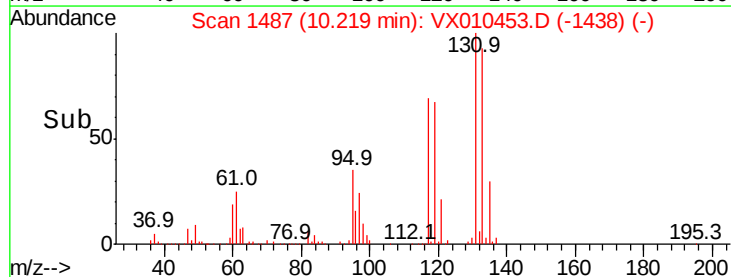
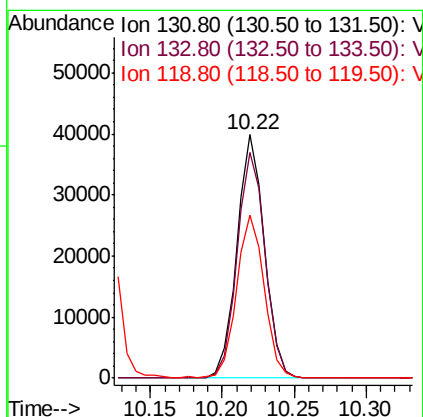
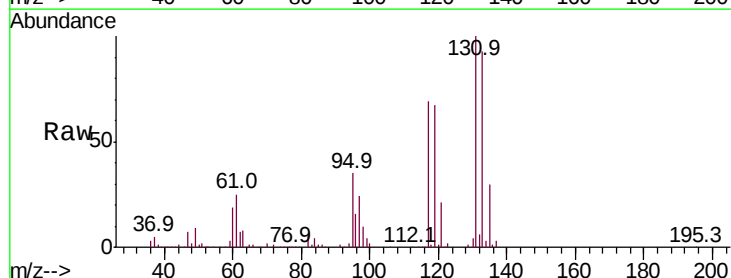
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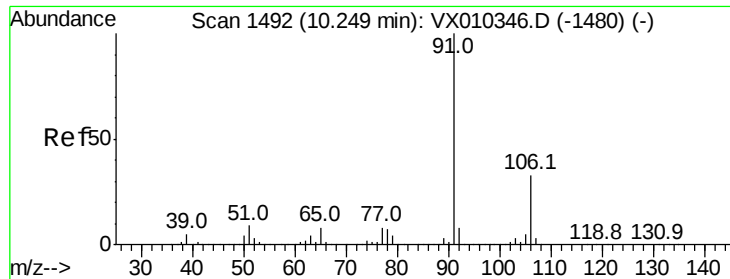
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.799 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion:131 Resp: 52776
Ion Ratio Lower Upper
131 100
133 94.4 47.7 143.1
119 67.6 32.6 97.7





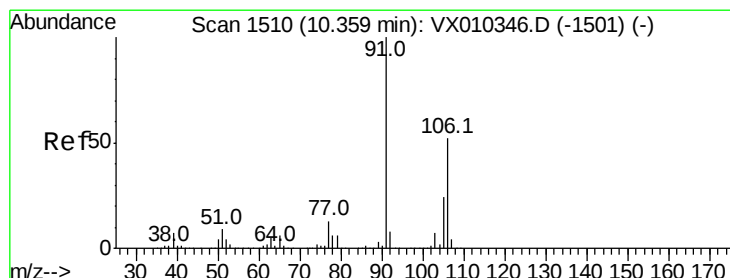
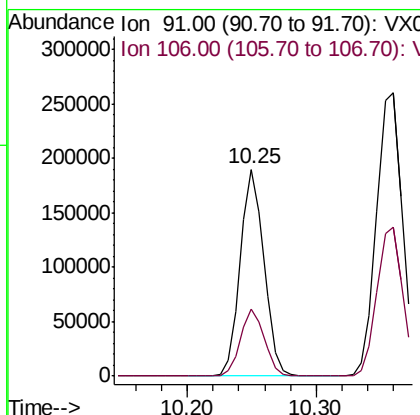
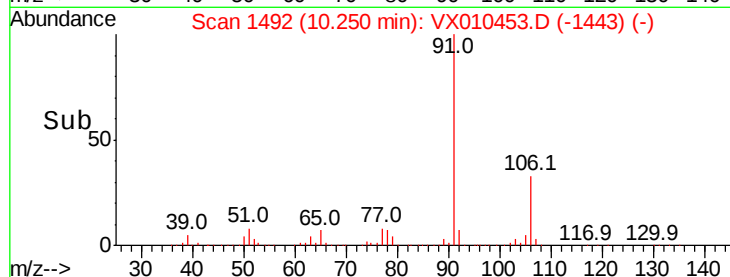
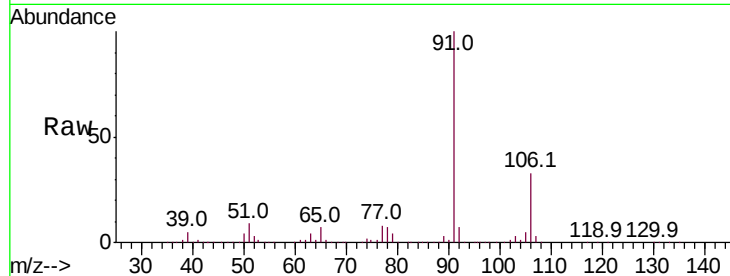
#67
Ethyl Benzene
Concen: 19.742 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion: 91 Resp: 243902
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2

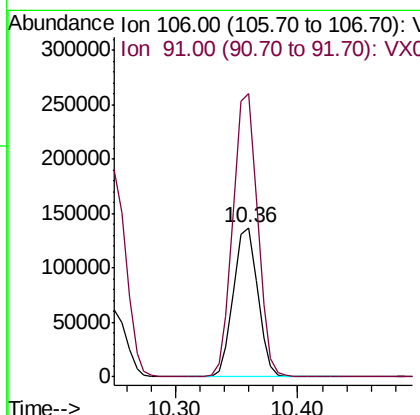
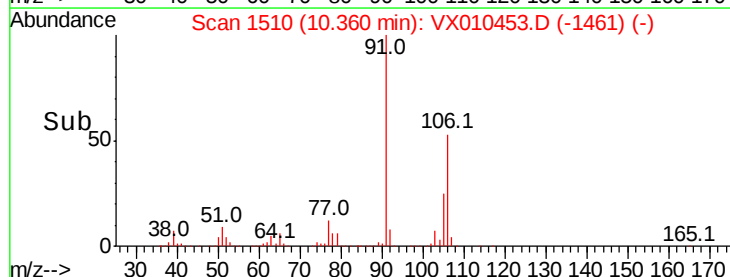
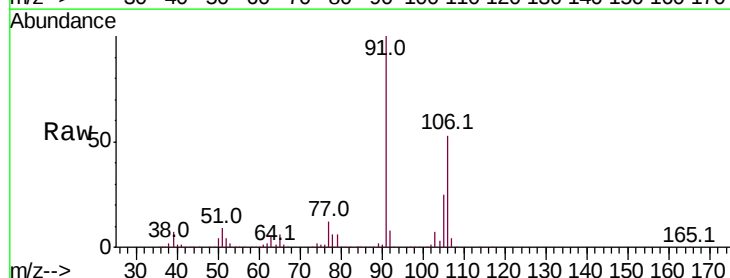
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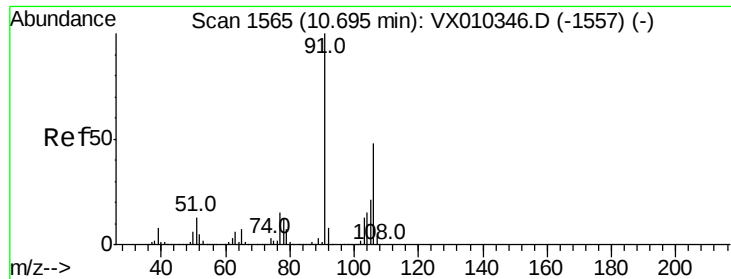
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#68
m/p-Xylenes
Concen: 39.474 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 106 Resp: 188964
Ion Ratio Lower Upper
106 100
91 191.5 155.3 232.9





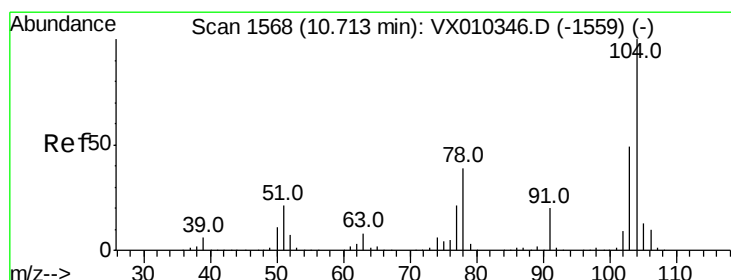
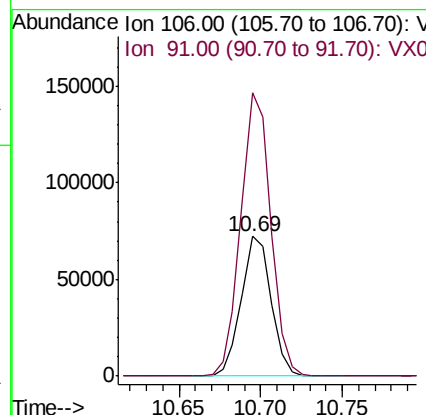
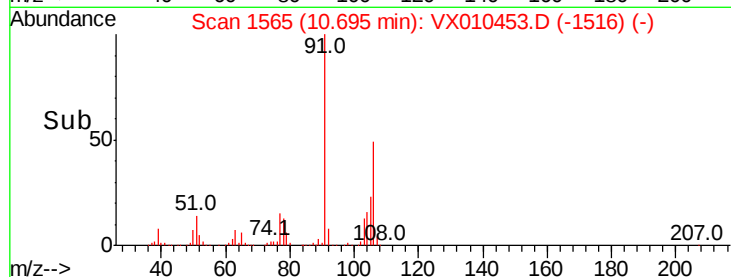
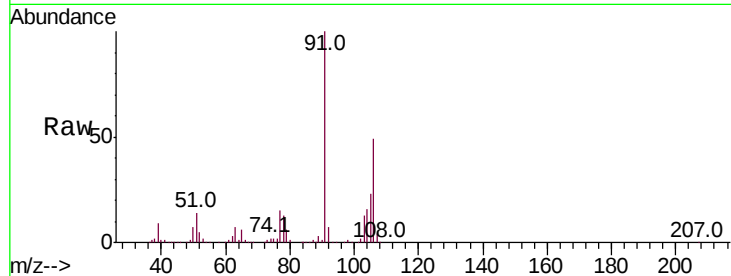
#69
o-Xylene
Concen: 19.728 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion:106 Resp: 92869
Ion Ratio Lower Upper
106 100
91 203.6 102.7 308.1

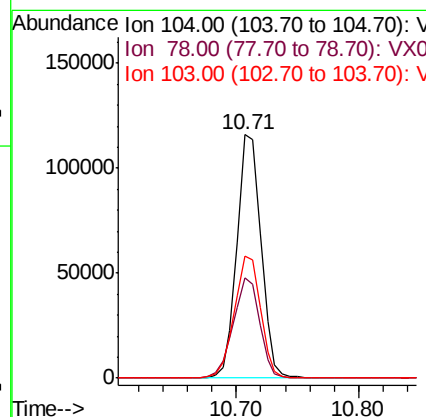
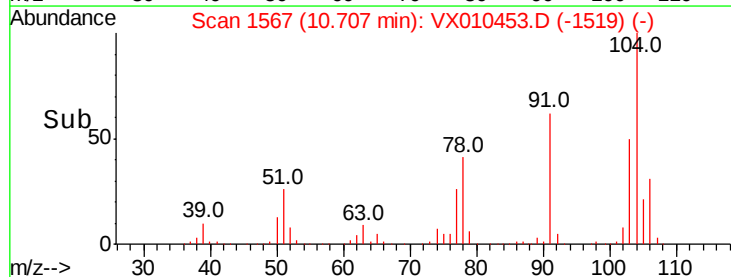
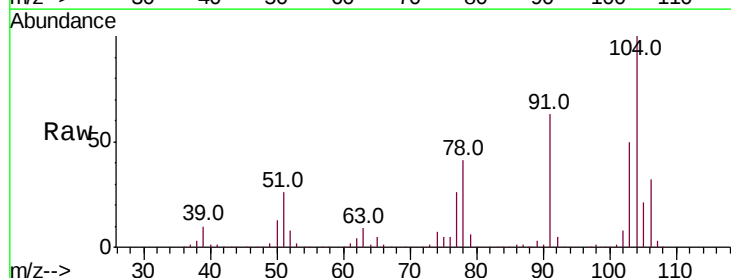
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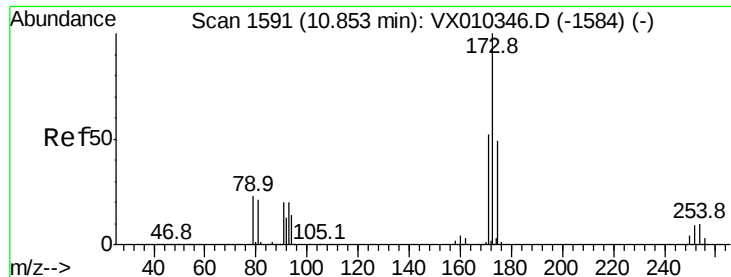
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#70
Styrene
Concen: 19.953 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion:104 Resp: 157522
Ion Ratio Lower Upper
104 100
78 45.4 36.2 54.2
103 55.0 44.2 66.4





#71

Bromoform

Concen: 18.216 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:173 Resp: 42225

Ion Ratio Lower Upper

173 100

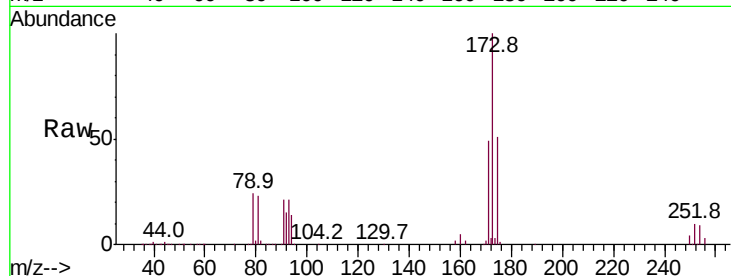
175 48.5 24.1 72.3

254 0.0 0.2 0.2#

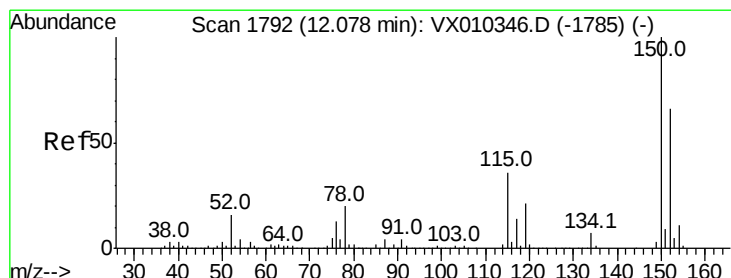
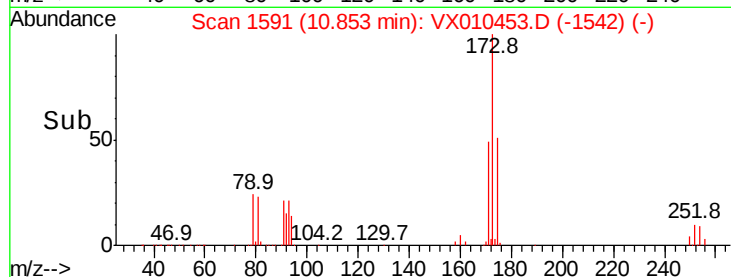
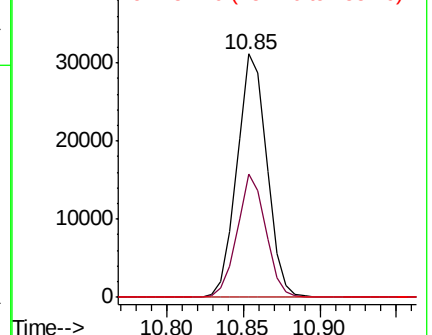
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

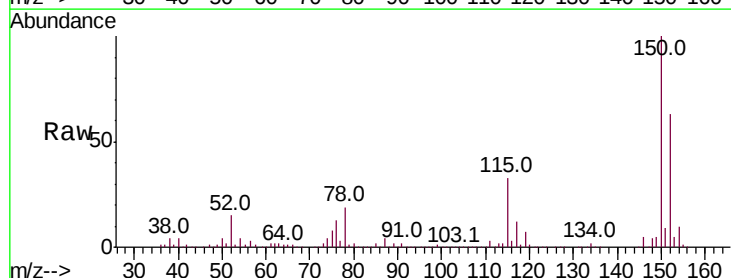
Tgt Ion:152 Resp: 186693

Ion Ratio Lower Upper

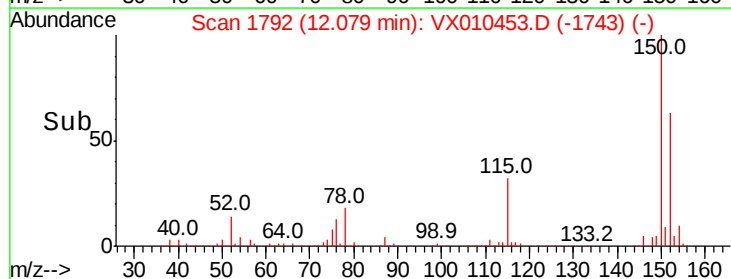
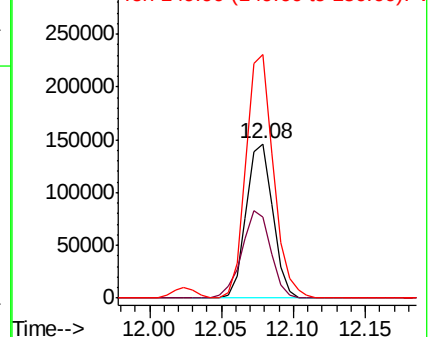
152 100

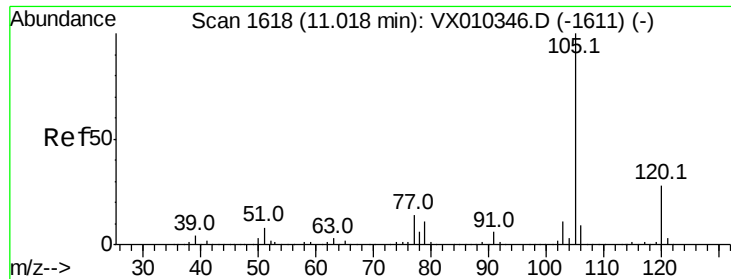
115 62.0 38.6 115.7

150 163.1 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: 19.528 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 105 Resp: 247137

Ion Ratio Lower Upper

105 100

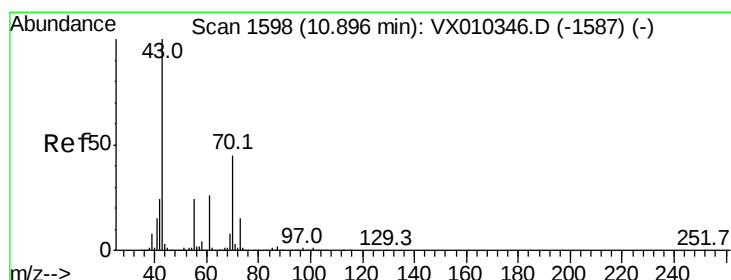
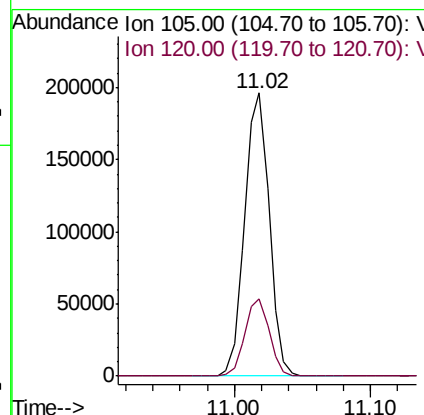
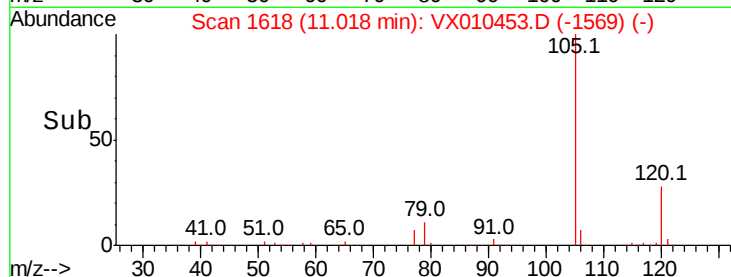
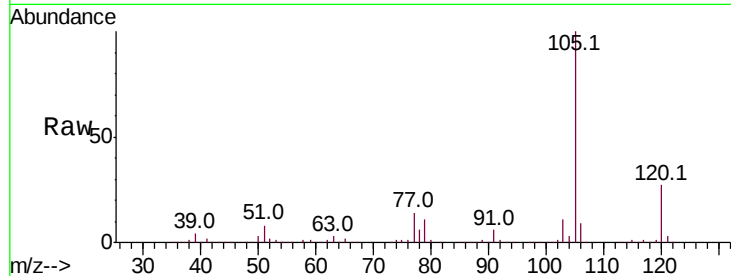
120 27.3 14.1 42.4

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#74

N-ethyl acetate

Concen: 19.860 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Tgt Ion: 43 Resp: 94984

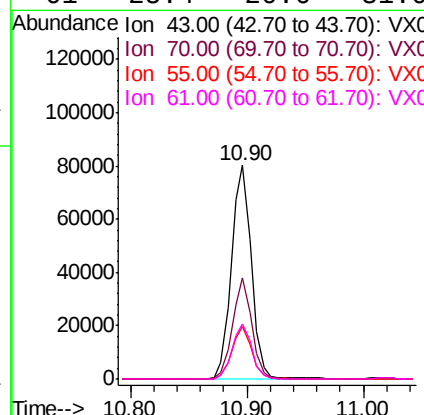
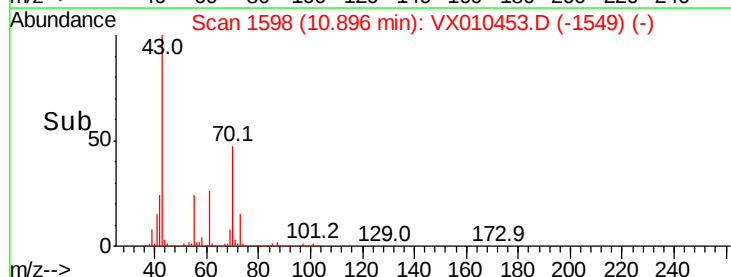
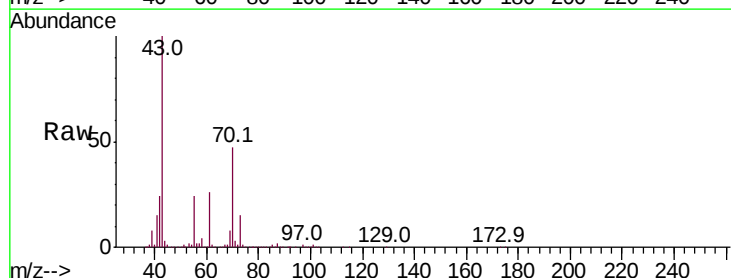
Ion Ratio Lower Upper

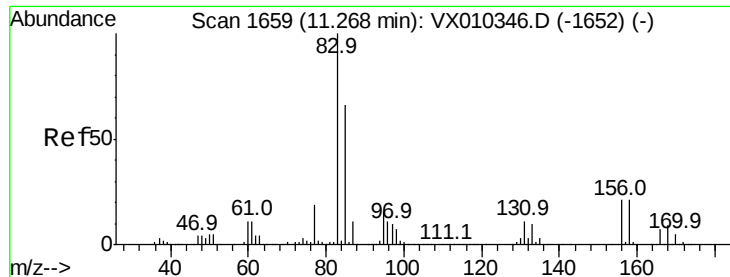
43 100

70 45.8 36.6 54.8

55 24.3 18.7 28.1

61 25.4 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.705 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

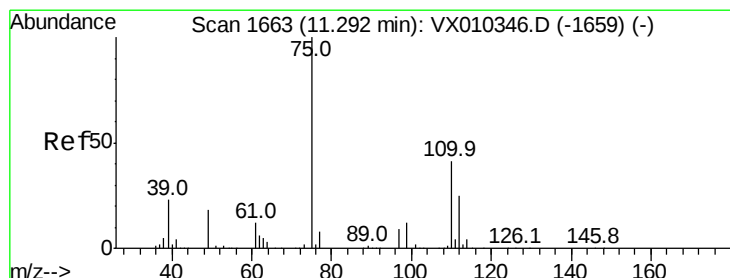
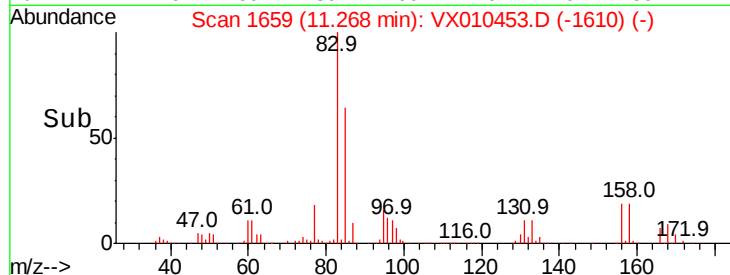
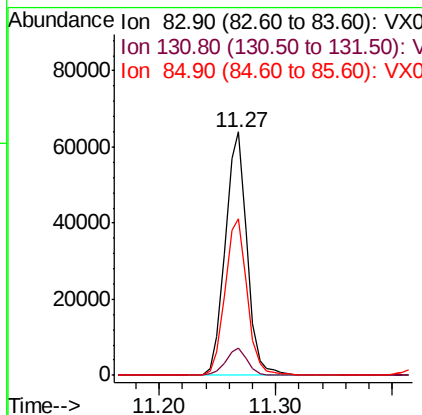
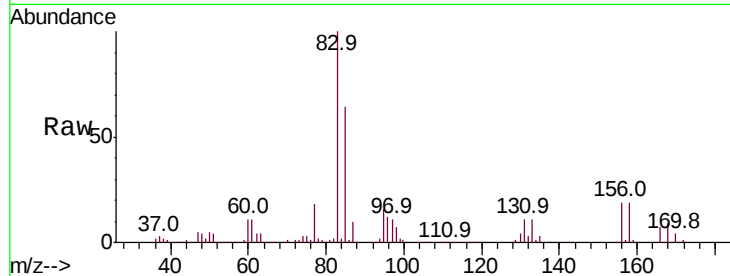
ClientSampleId :

VX0626WBS01

Tot Ion:	83	Resp:	82587
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	65.5	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 20.226 ug/l m

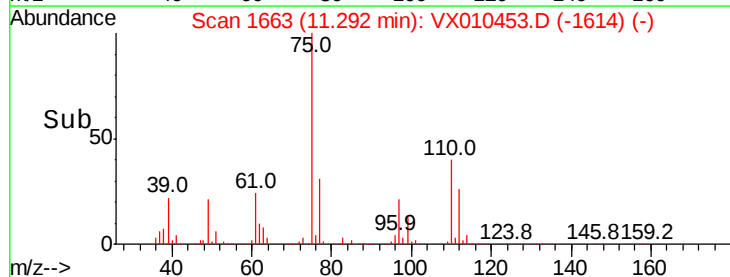
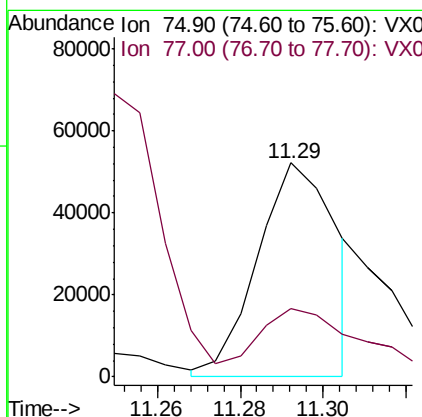
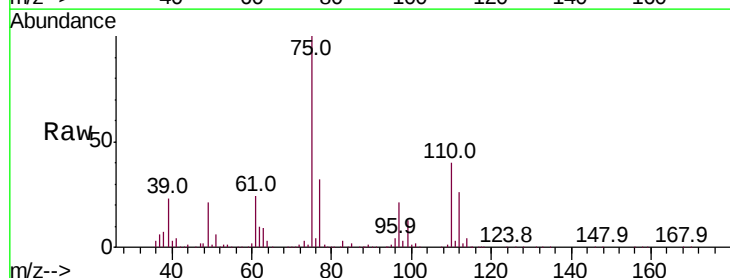
RT: 11.29 min Scan# 1663

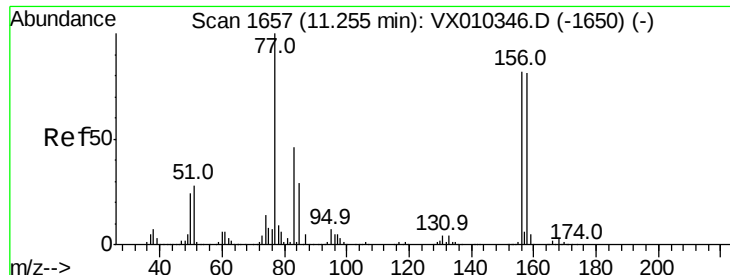
Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Tgt Ion:	75	Resp:	68811
Ion Ratio	Lower	Upper	
75	100		
77	42.7	22.6	67.8





#77

Bromobenzene

Concen: 18.979 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:156 Resp: 67069

Ion Ratio Lower Upper

156 100

77 132.6 66.3 198.7

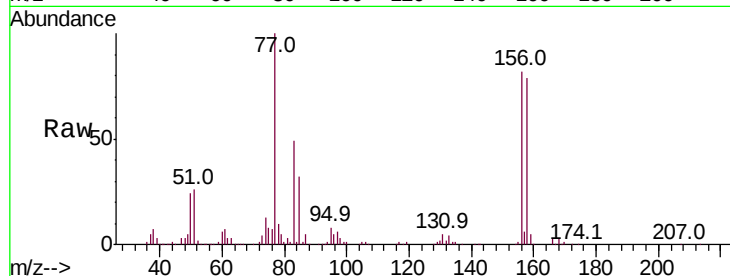
158 99.0 48.9 146.7

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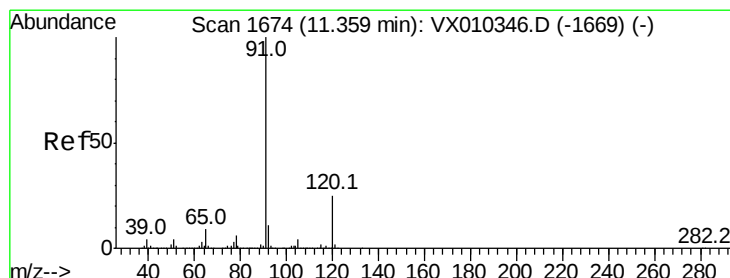
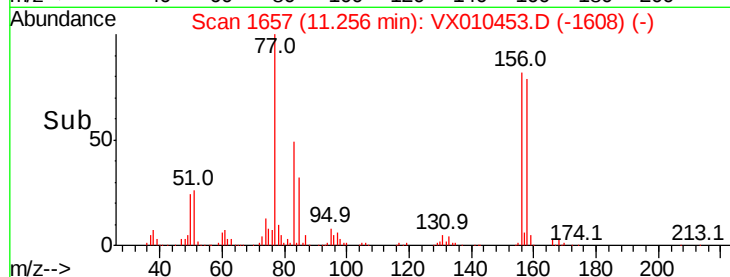
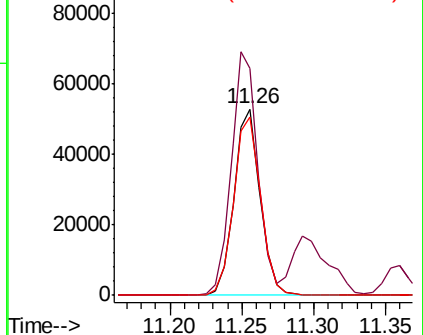
6/27/2019 10:11:36 AM



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: 19.409 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010453.D

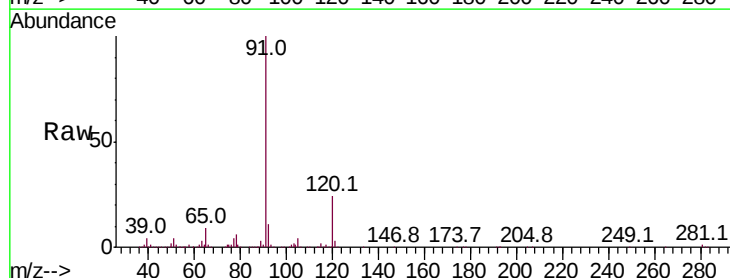
Acq: 26 Jun 2019 11:29

Tgt Ion: 91 Resp: 269960

Ion Ratio Lower Upper

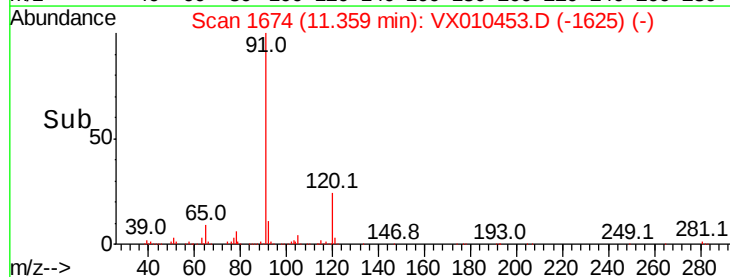
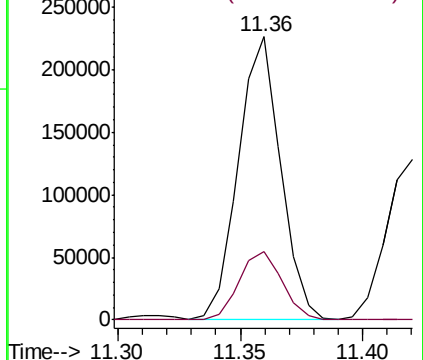
91 100

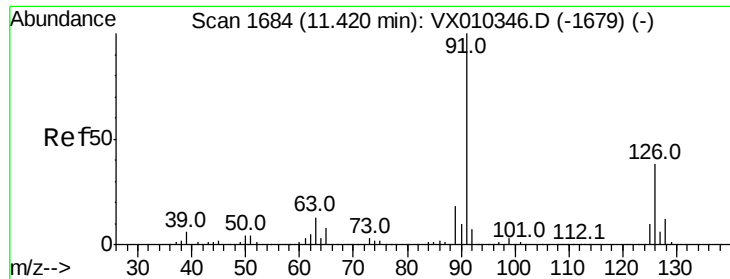
120 25.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.203 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0626WBS01

Tot Ion: 91 Resp: 159044

Ion Ratio Lower Upper

91 100

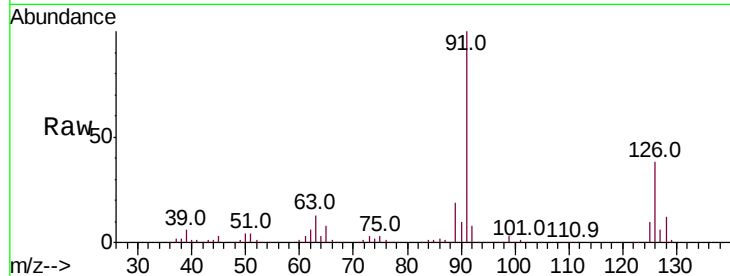
126 37.3 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010346.D (-1679) (-)

250000

200000

150000

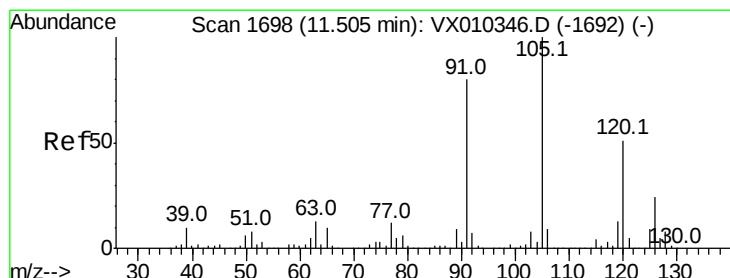
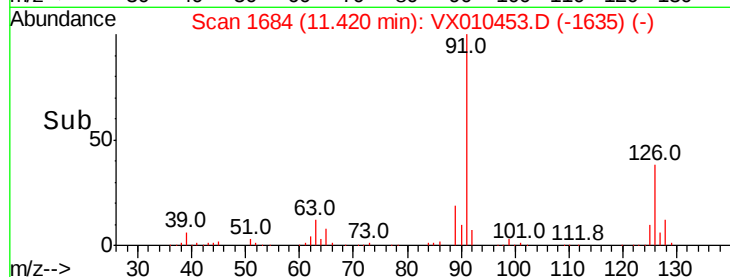
100000

50000

0

Time--> 11.35 11.40 11.45 11.50

11.42



#80

1,3,5-Trimethylbenzene

Concen: 19.475 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010453.D

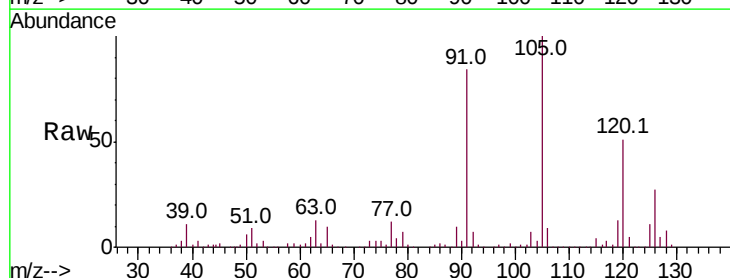
Acq: 26 Jun 2019 11:29

Tgt Ion: 105 Resp: 203183

Ion Ratio Lower Upper

105 100

120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010346.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010346.D (-1692) (-)

200000

150000

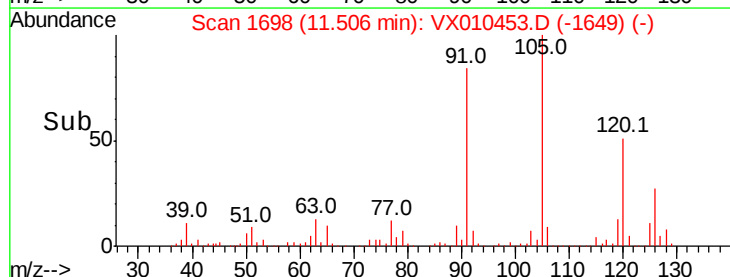
100000

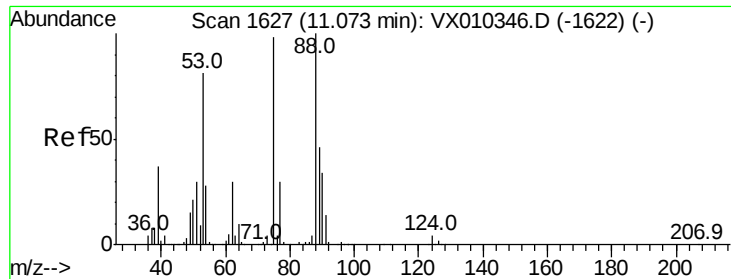
50000

0

Time--> 11.50 11.60

11.51





#81

trans-1,4-Dichloro-2-butene

Concen: 16.186 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

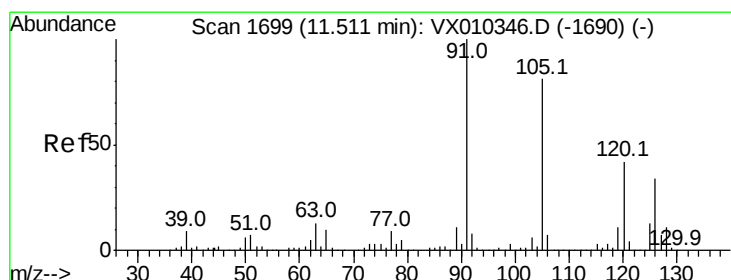
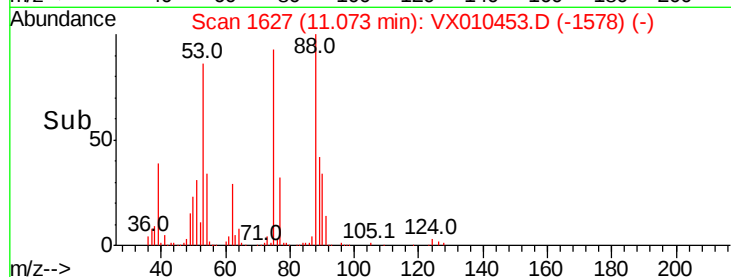
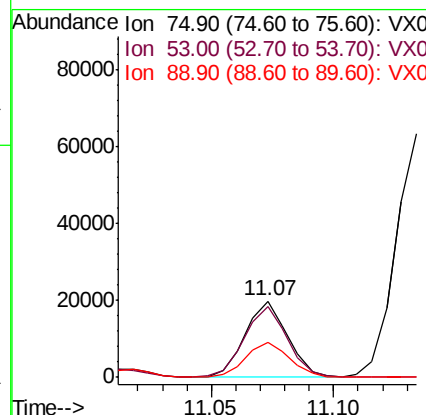
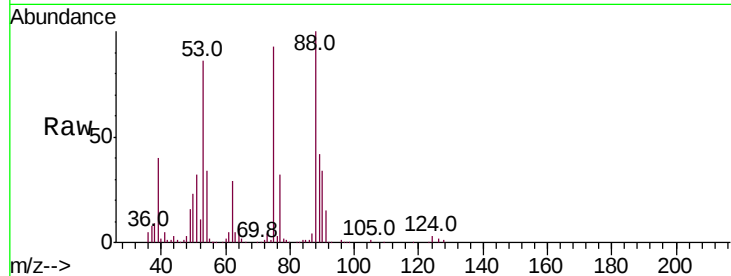
ClientSampleId :

VX0626WBS01

Tot Ion:	75	Resp:	23604
Ion Ratio	Lower	Upper	
75	100		
53	94.8	66.1	99.1
89	48.1	37.8	56.6

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#82

4-Chlorotoluene

Concen: 19.237 ug/l

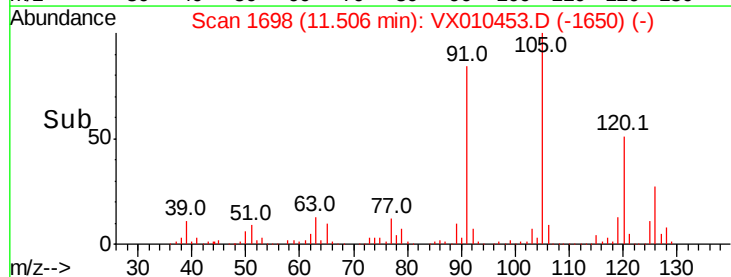
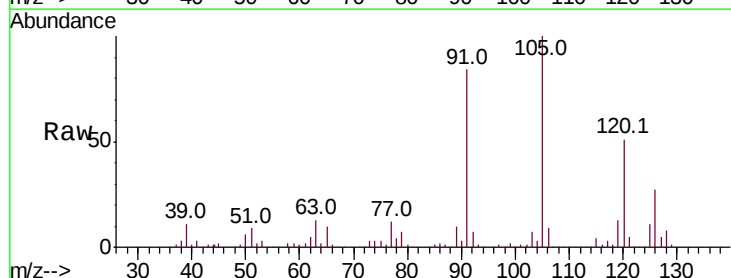
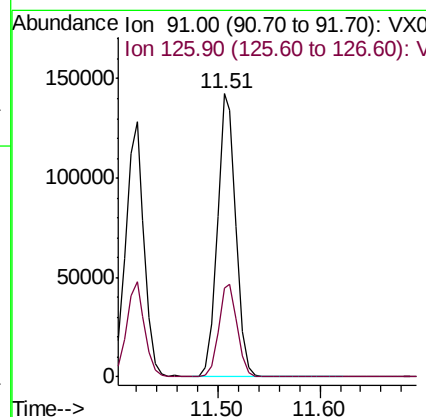
RT: 11.51 min Scan# 1698

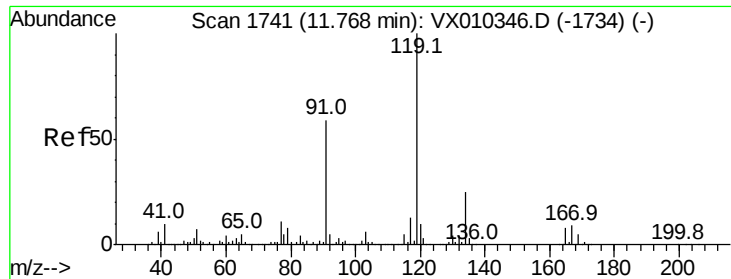
Delta R.T. -0.01 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Tgt Ion:	91	Resp:	181300
Ion Ratio	Lower	Upper	
91	100		
126	33.0	16.2	48.6





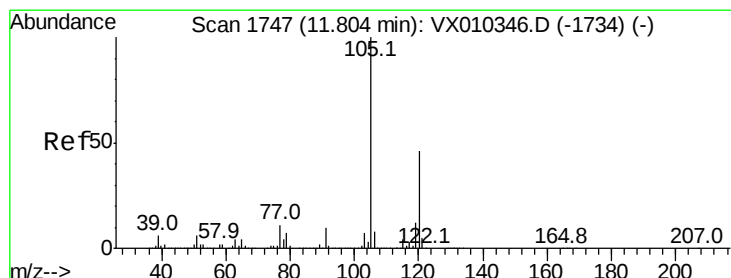
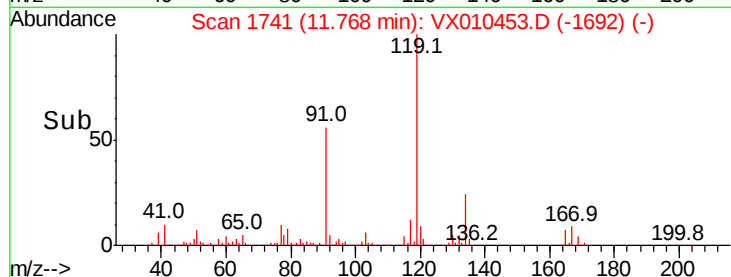
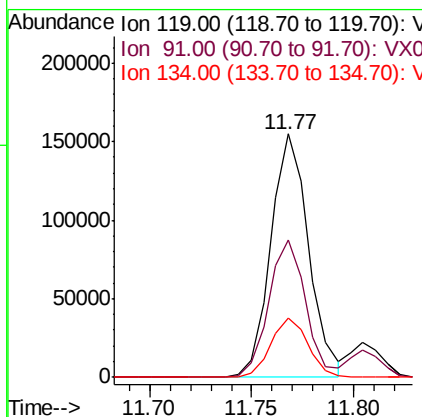
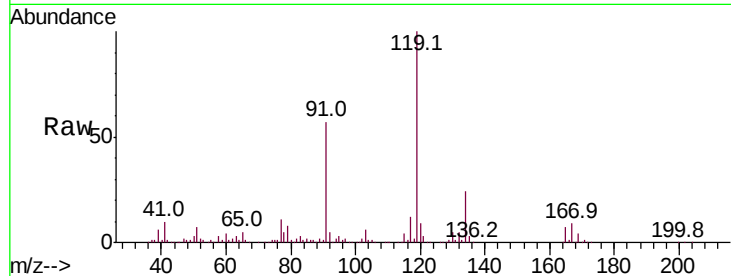
#83
tert-Butylbenzene
Concen: 19.138 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampled :
VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	200402		
91	55.5		27.6	82.7
134	24.0		11.8	35.4

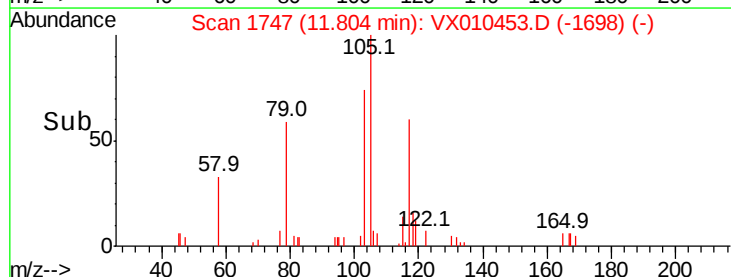
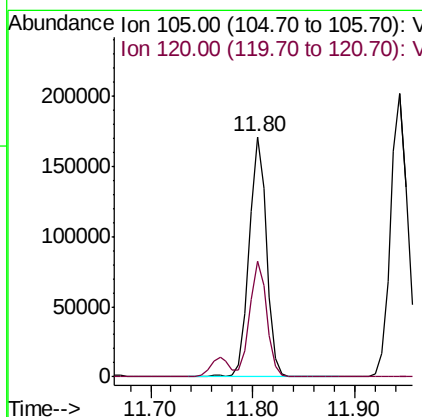
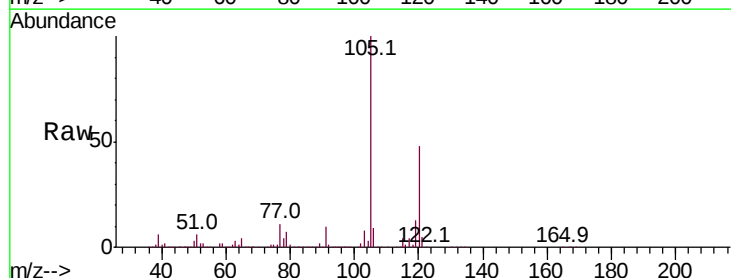
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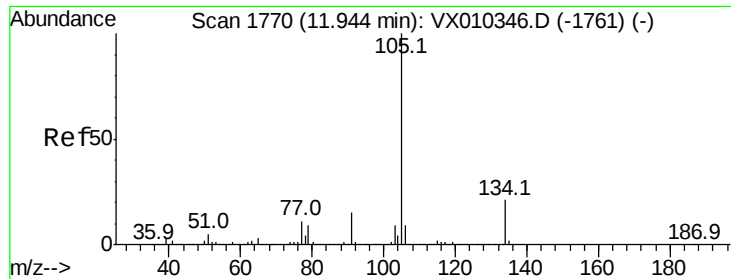
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#84
1,2,4-Trimethylbenzene
Concen: 19.412 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	203475		
120	47.0		23.1	69.2





#85

sec-Butylbenzene

Concen: 19.351 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:105 Resp: 237917

Ion Ratio Lower Upper

105 100

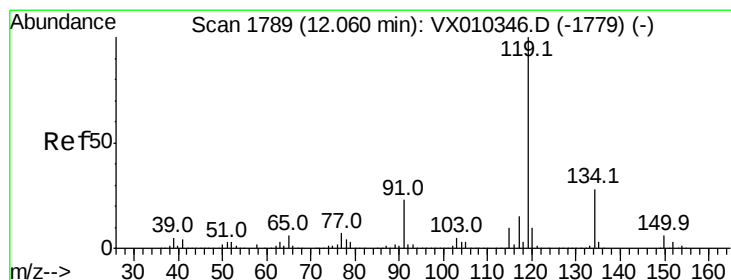
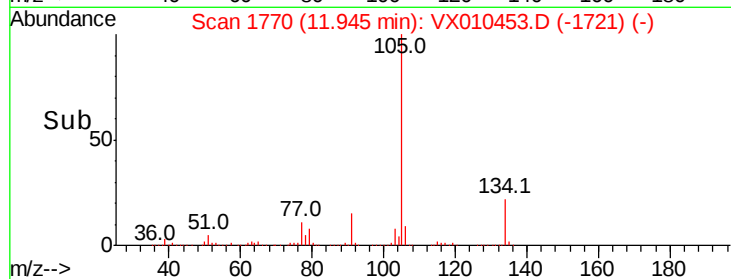
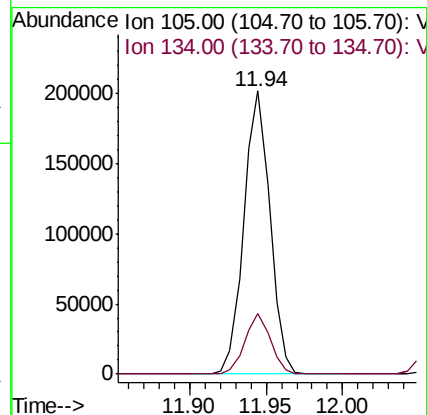
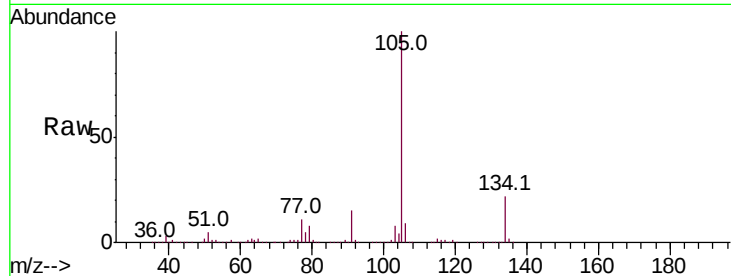
134 20.9 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 19.291 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

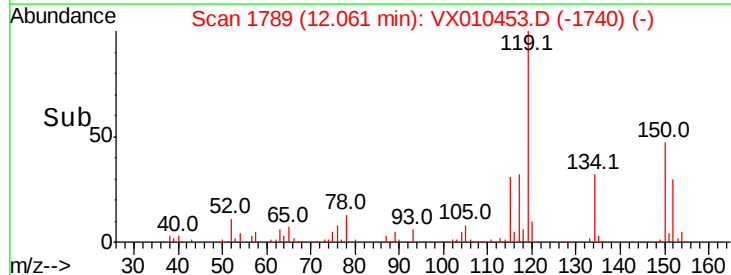
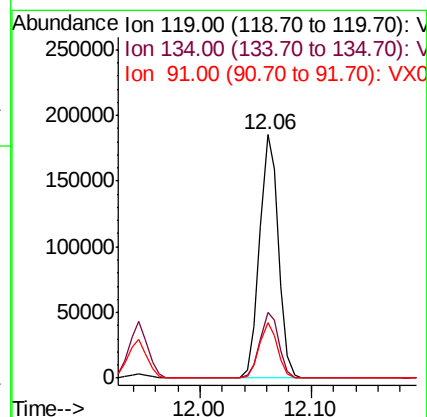
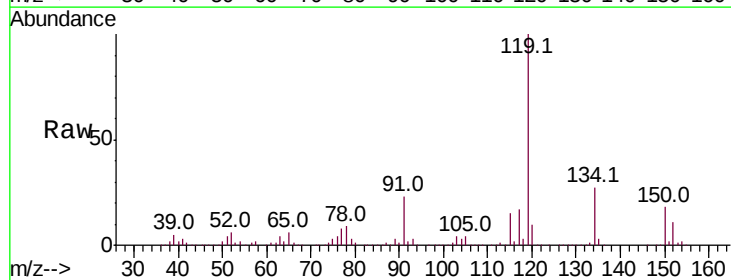
Tgt Ion:119 Resp: 219379

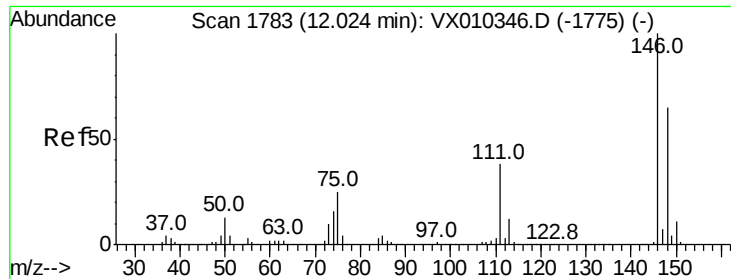
Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 22.2 11.3 33.8





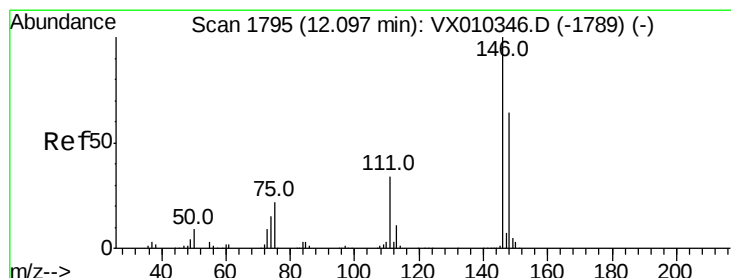
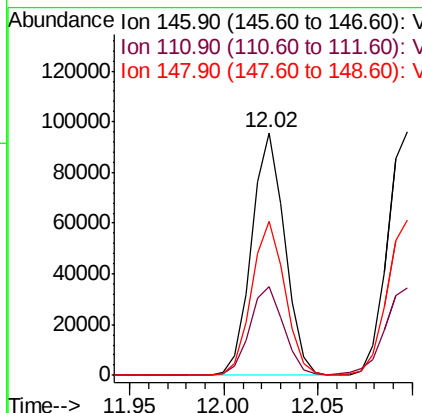
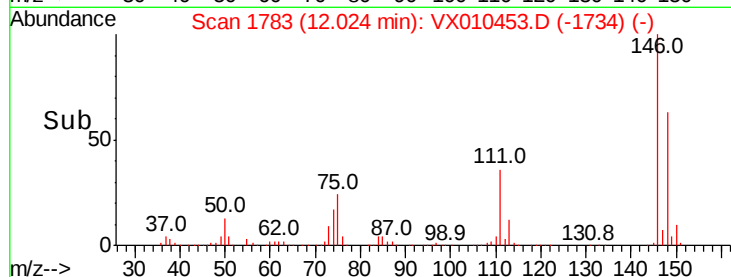
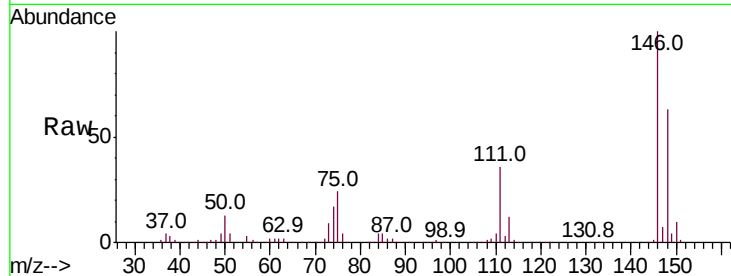
#87
 1,3-Dichlorobenzene
 Concen: 18.885 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.1
148	63.8	32.5	97.4

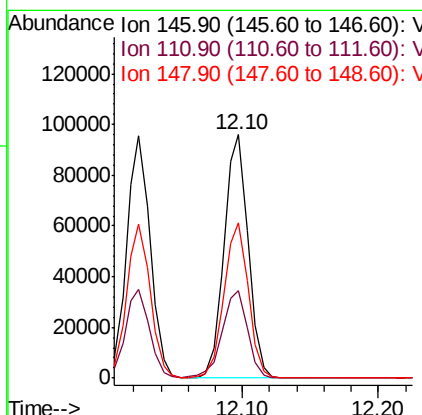
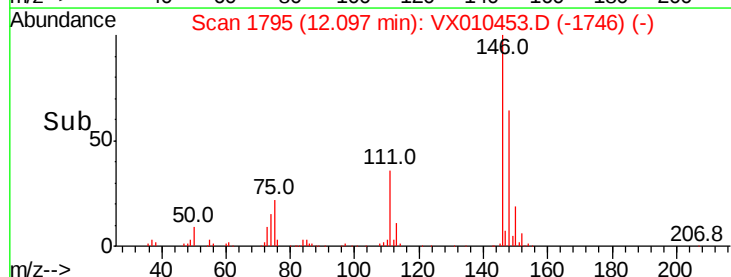
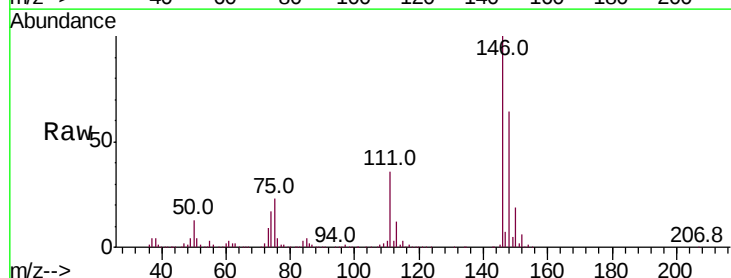
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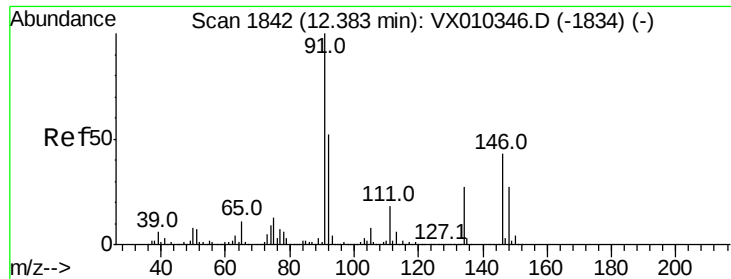
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#88
 1,4-Dichlorobenzene
 Concen: 18.701 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.3
148	64.5	32.1	96.3





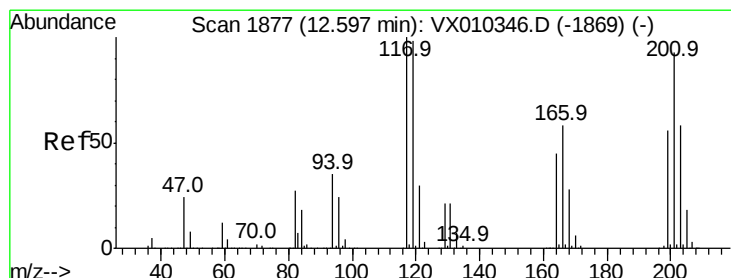
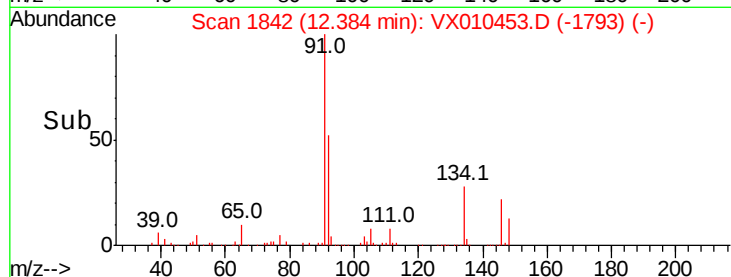
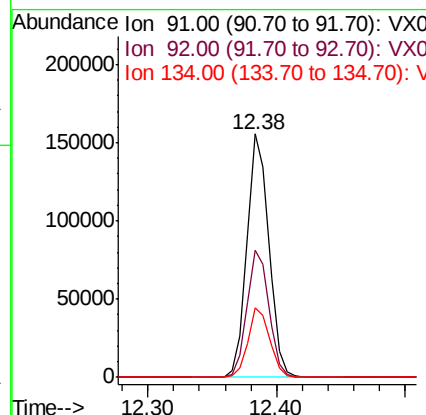
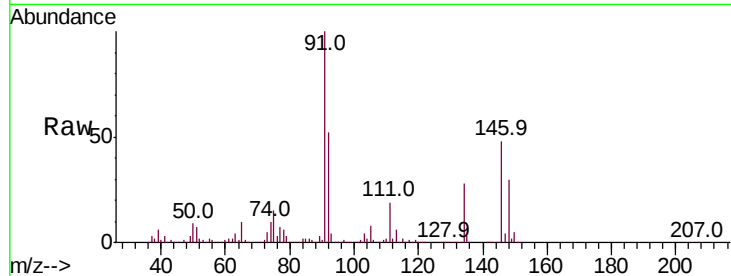
#89
n-Butylbenzene
Concen: 18.874 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	182394		
92	52.7	26.2	78.5	
134	28.3	14.1	42.4	

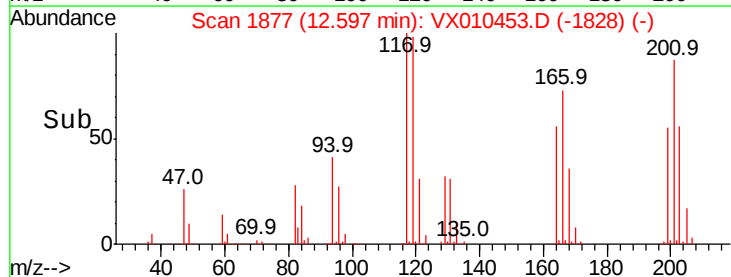
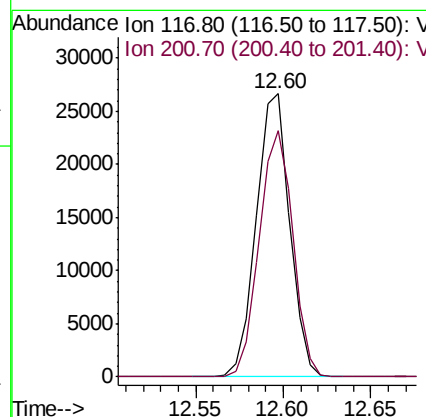
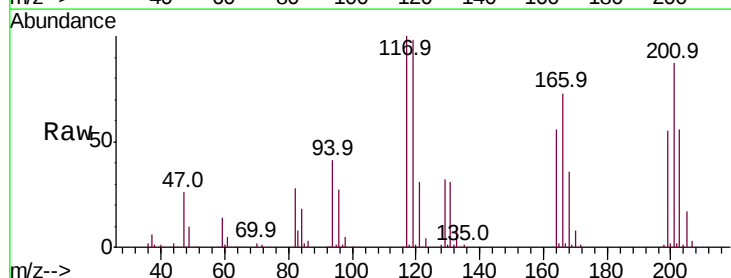
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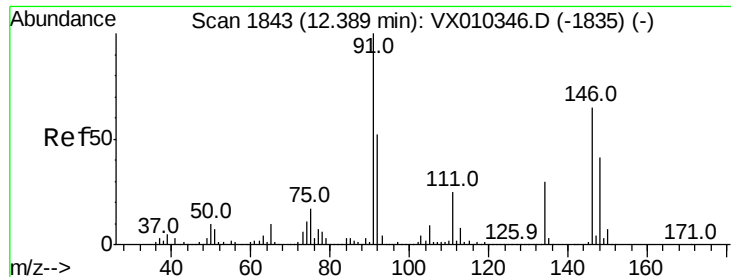
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#90
Hexachloroethane
Concen: 18.025 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35444		
201	87.1	44.0	131.8	





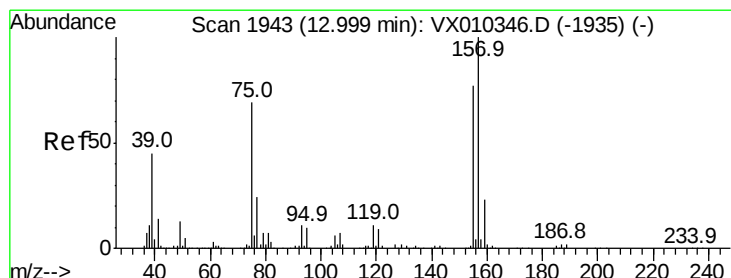
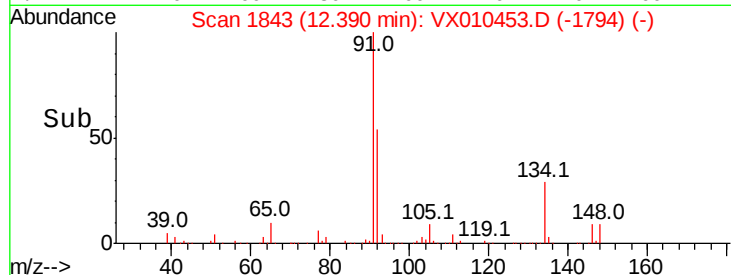
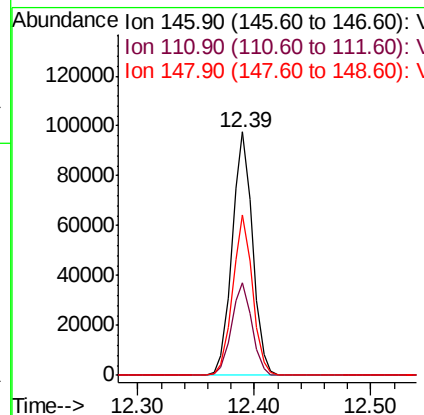
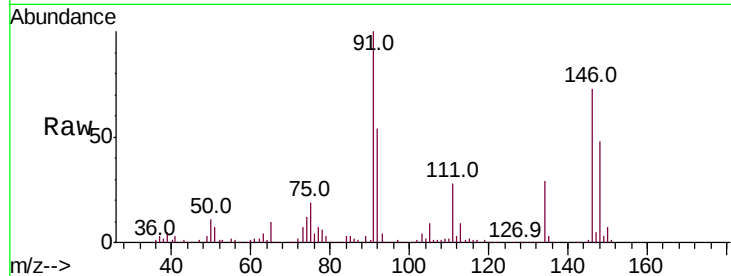
#91
 1,2-Dichlorobenzene
 Concen: 19.345 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.2	57.6
148	63.8	32.0	96.0

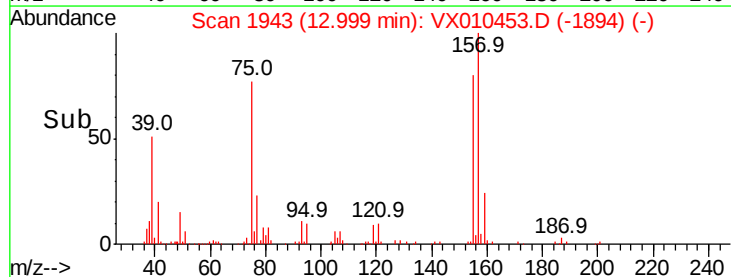
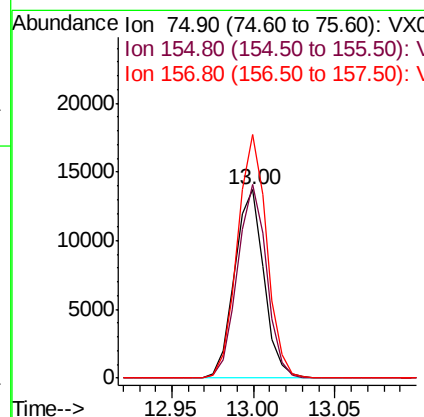
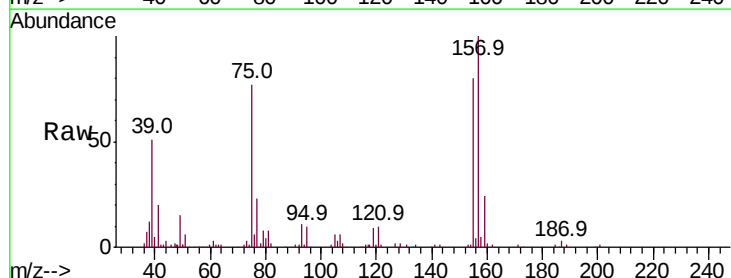
Manual Integrations
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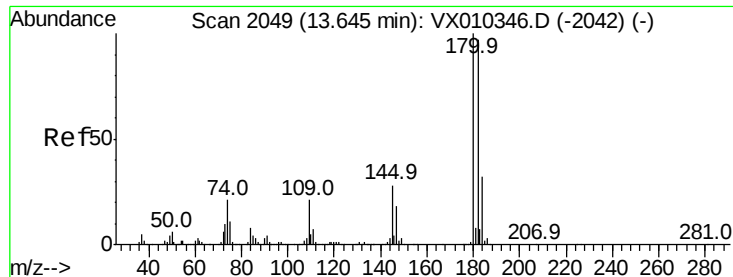
MMDadoda
 6/27/2019 10:11:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.001 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.7	54.4	163.1
157	128.9	69.5	208.3





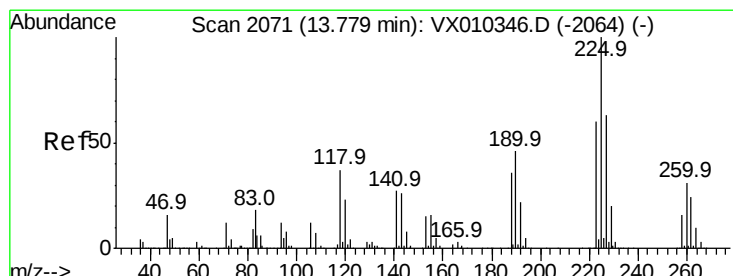
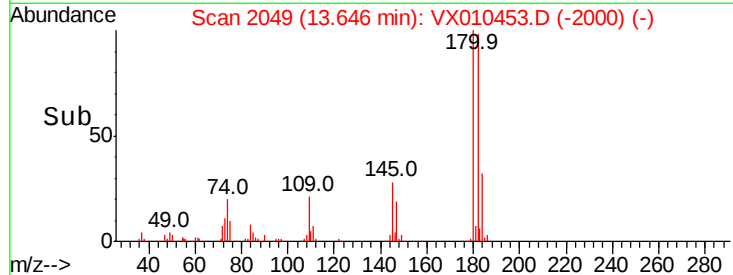
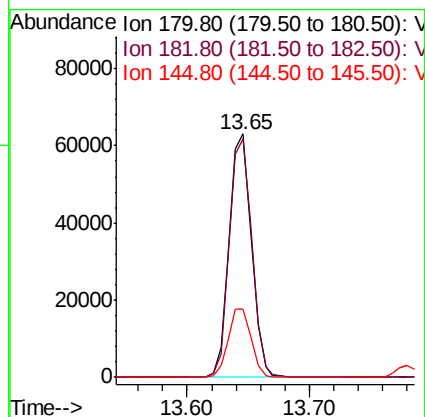
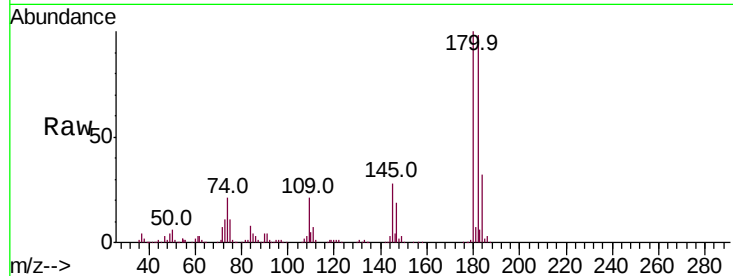
#93
1,2,4-Trichlorobenzene
Concen: 18.658 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.4	48.0	144.0	
145	28.9	14.4	43.4	

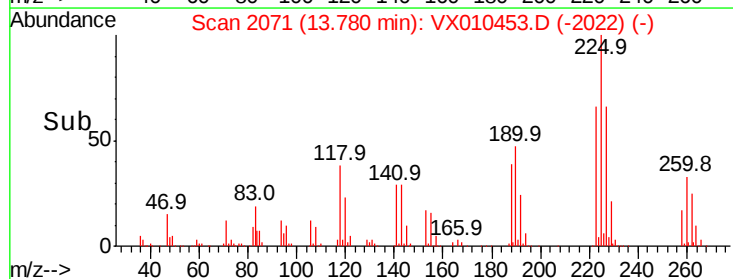
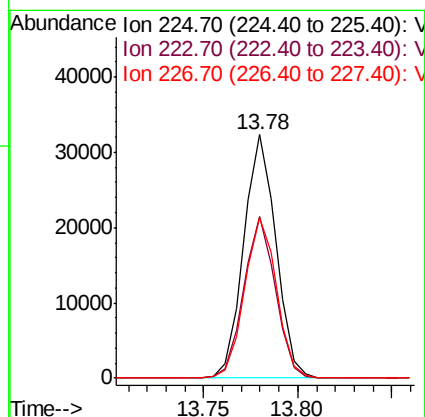
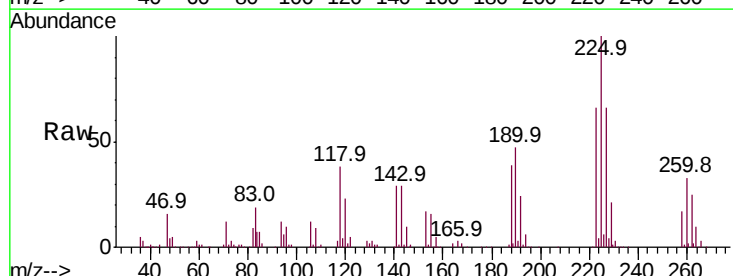
Manual Integrations
APPROVED

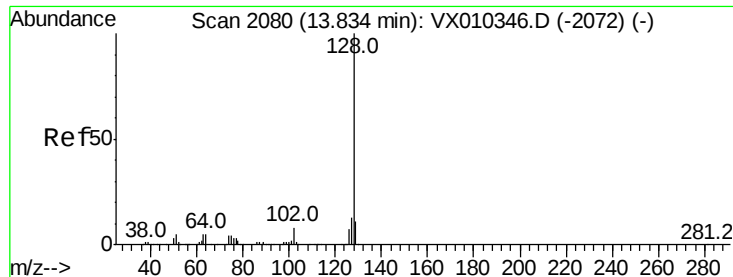
MMDadoda
6/27/2019 10:11:36 AM



#94
Hexachlorobutadiene
Concen: 18.429 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.8	30.9	92.7	
227	65.6	31.9	95.5	





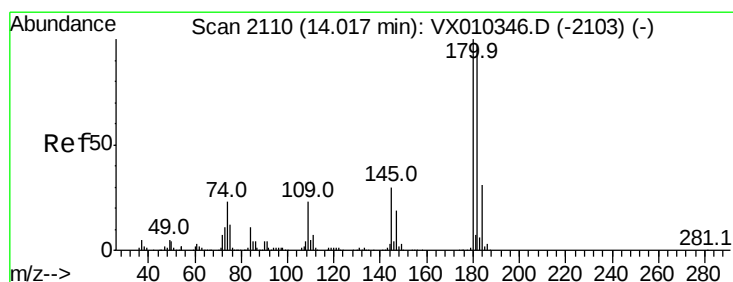
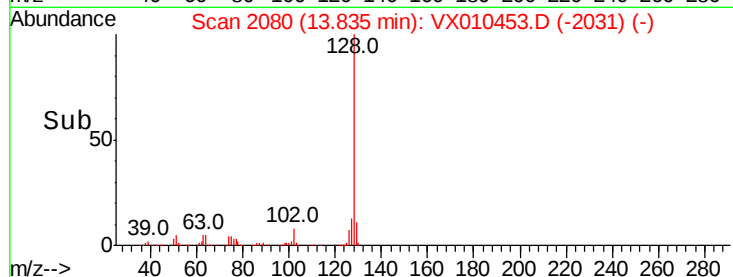
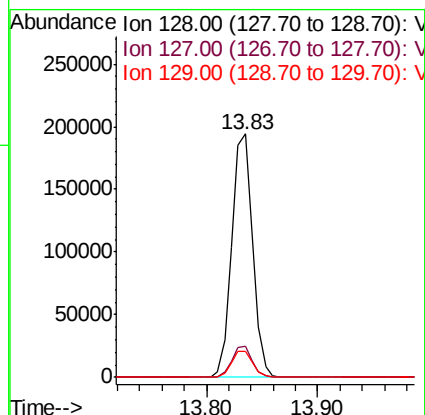
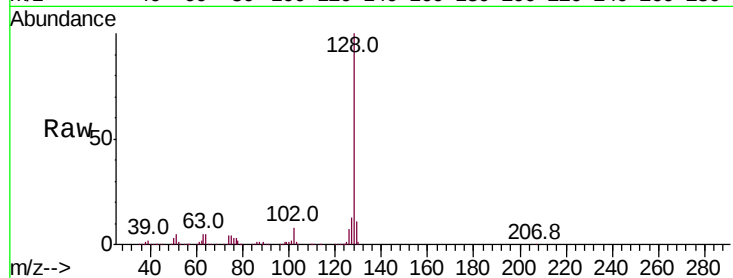
#95
Naphthalene
Concen: 19.227 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
6/27/2019 10:11:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.552 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.3
145	29.8	15.2	45.6

