

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012599.D
 Acq On : 23 Sep 2019 12:05
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:06:15 AM

Quant Time: Sep 23 12:40:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:16:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	329254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	145203	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	412553	154.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.94%	
35) Dibromofluoromethane	5.49	113	310858	155.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.98%	
50) Toluene-d8	8.71	98	1177740	159.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.32%	
62) 4-Bromofluorobenzene	11.14	95	486465	158.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	304522	271.526	ug/l	98
3) Chloromethane	1.31	50	352730	345.413	ug/l	99
4) Vinyl Chloride	1.40	62	365632	331.273	ug/l	96
5) Bromomethane	1.62	94	145176	334.799	ug/l	97
7) Trichlorofluoromethane	1.91	101	495354	244.828	ug/l	97
8) Diethyl Ether	2.18	74	200548	219.451	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	304615	208.085	ug/l	96
10) Methyl Iodide	2.49	142	347429	311.153	ug/l	95
11) Tert butyl alcohol	3.06	59	515048	719.510	ug/l	100
12) 1,1-Dichloroethene	2.36	96	307063	262.941	ug/l	99
13) Acrolein	2.28	56	287577	1115.778	ug/l	98
14) Allvl chloride	2.71	41	609753	224.272	ug/l	98
15) Acrylonitrile	3.14	53	1070759	928.188	ug/l	98
16) Acetone	2.44	43	1017997	755.744	ug/l	99
17) Carbon Disulfide	2.55	76	881811	609.572	ug/l	99
18) Methyl Acetate	2.76	43	496215	178.879	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	1151797	180.893	ug/l	99
20) Methylene Chloride	2.84	84	354135	219.807	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	333950	275.382	ug/l	97
22) Diisopropyl ether	3.85	45	1143724	179.664	ug/l	91
23) Vinyl Acetate	3.81	43	5207748	994.486	ug/l	97
24) 1,1-Dichloroethane	3.69	63	627580	206.045	ug/l	99
25) 2-Butanone	4.67	43	1559001	844.246	ug/l	98
26) 2,2-Dichloropropane	4.57	77	552891	184.573	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	386808	213.523	ug/l	95
28) Bromochloromethane	5.00	49	210643	134.147	ug/l	99
29) Tetrahydrofuran	5.12	42	971573	952.389	ug/l	98
30) Chloroform	5.20	83	631917	180.650	ug/l	96
31) Cyclohexane	5.57	56	572136	311.173	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	571276	195.399	ug/l	99
36) 1,1-Dichloropropene	5.79	75	478492	239.120	ug/l	98
37) Ethyl Acetate	4.83	43	581064	189.172	ug/l	98
38) Carbon Tetrachloride	5.78	117	497569	199.927	ug/l	99
39) Methylcyclohexane	7.46	83	577769	297.010	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.13	78	1404793	220.767	ug/l	98
41) Methacrylonitrile	5.03	41	322257	162.937	ug/l	97
42) 1,2-Dichloroethane	6.18	62	532129	180.300	ug/l	100
43) Isopropyl Acetate	6.44	43	967685	175.529	ug/l	98
44) Trichloroethene	7.20	130	362849	216.772	ug/l	94
45) 1,2-Dichloropropane	7.51	63	368330	188.408	ug/l	98
46) Dibromomethane	7.65	93	247364	195.530	ug/l	96
47) Bromodichloromethane	7.89	83	514981	182.822	ug/l	99
48) Methyl methacrylate	7.76	41	477422	183.712	ug/l	94
49) 1,4-Dioxane	7.74	88	208287	3293.115	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2992829	827.809	ug/l	96
52) Toluene	8.78	92	891787	217.493	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	606827	207.242	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	630758	208.075	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	361373	171.069	ug/l	97
56) Ethyl methacrylate	9.17	69	655278	198.402	ug/l	94
57) 1,3-Dichloropropane	9.37	76	628960	186.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1440540	842.590	ug/l	99
59) 2-Hexanone	9.49	43	2296333	814.135	ug/l	96
60) Dibromochloromethane	9.58	129	403980	187.745	ug/l	100
61) 1,2-Dibromoethane	9.67	107	385013	199.561	ug/l	99
64) Tetrachloroethene	9.33	164	296344	210.942	ug/l	95
65) Chlorobenzene	10.14	112	965556	190.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	365938	174.252	ug/l	99
67) Ethyl Benzene	10.25	91	1770989	203.714	ug/l	99
68) m/p-Xylenes	10.35	106	1318962	416.980	ug/l	100
69) o-Xylene	10.70	106	647330	198.995	ug/l	100
70) Stvrene	10.71	104	1146493	199.198	ug/l	99
71) Bromoform	10.85	173	289768	184.489	ug/l	98
73) Isopropylbenzene	11.01	105	1718426	188.618	ug/l	100
74) N-amyl acetate	10.90	43	861954	175.729	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	574603	160.779	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	541401m	162.318	ug/l	
77) Bromobenzene	11.25	156	399659	179.871	ug/l	98
78) n-propylbenzene	11.35	91	1979993	194.993	ug/l	100
79) 2-Chlorotoluene	11.42	91	1191993	180.444	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1462839	188.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	218648	194.691	ug/l	94
82) 4-Chlorotoluene	11.51	91	1406964	185.578	ug/l	98
83) tert-Butylbenzene	11.77	119	1427841	171.496	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1496440	187.573	ug/l	99
85) sec-Butylbenzene	11.95	105	1655077	180.402	ug/l	100
86) p-Isopropyltoluene	12.06	119	1524842	181.003	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	726806	173.893	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	722495	168.282	ug/l	99
89) n-Butylbenzene	12.39	91	1391921	185.179	ug/l	99
90) Hexachloroethane	12.59	117	289720	187.558	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	702317	160.770	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	153911	166.113	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	463411	164.692	ug/l	100

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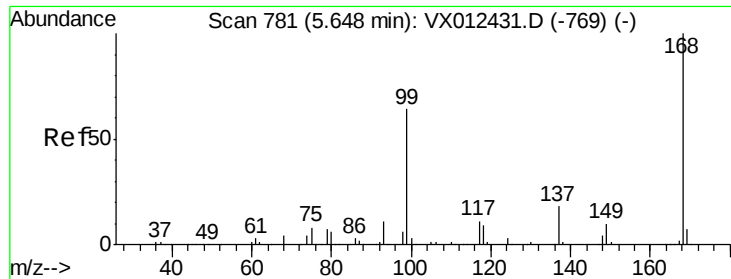
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	191683	144.537	ug/l	98
95) Naphthalene	13.83	128	1692118	169.008	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	452541	157.826	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion:168 Resp: 185747

Ion Ratio Lower Upper

168 100

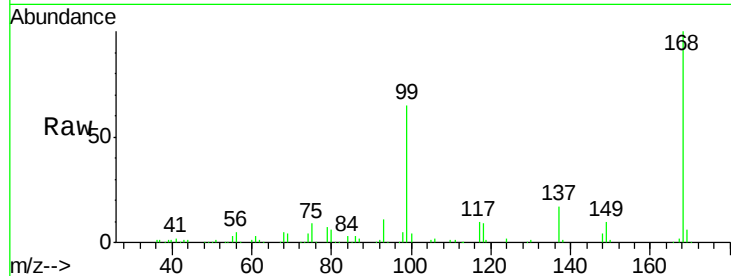
99 64.3 51.4 77.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

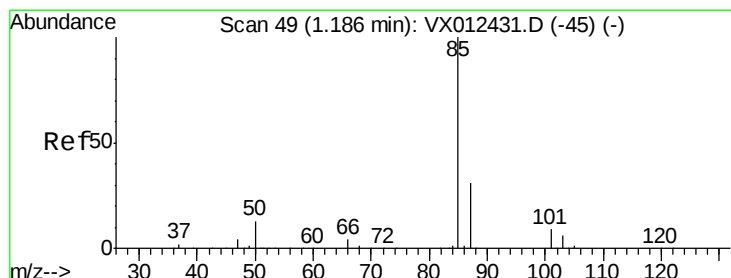
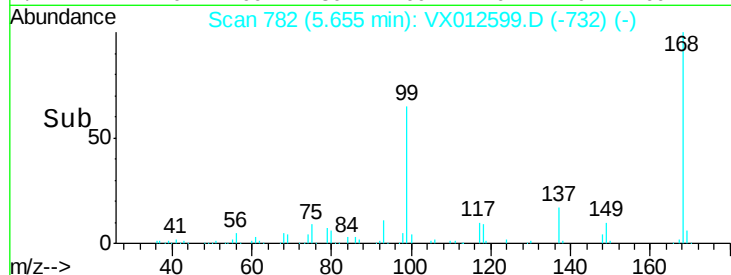
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 271.526 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012599.D

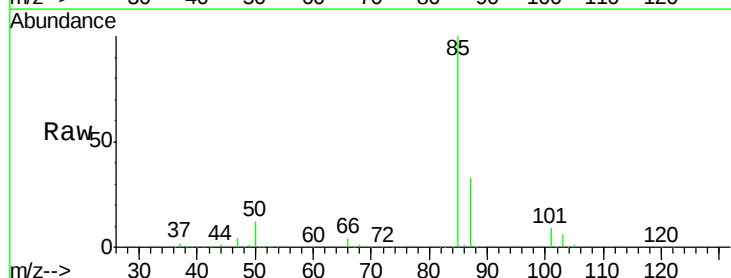
Acq: 23 Sep 2019 12:05

Tgt Ion: 85 Resp: 304522

Ion Ratio Lower Upper

85 100

87 32.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

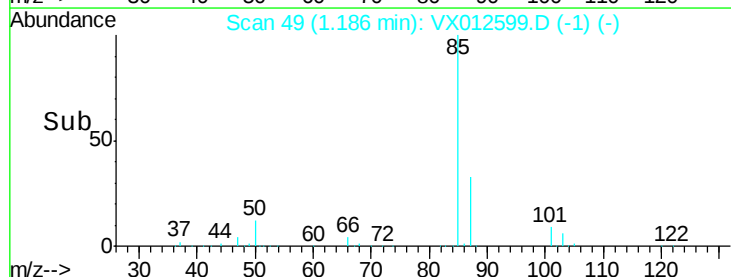
200000

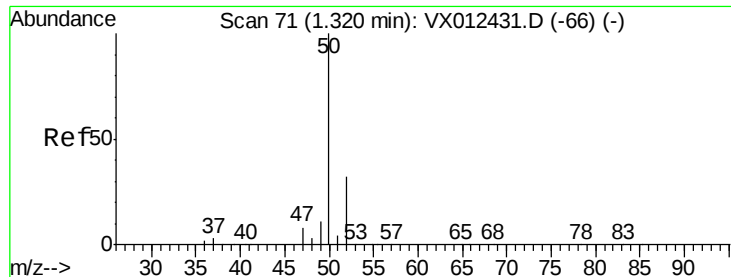
100000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 345.413 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 352730

Ion Ratio Lower Upper

50 100

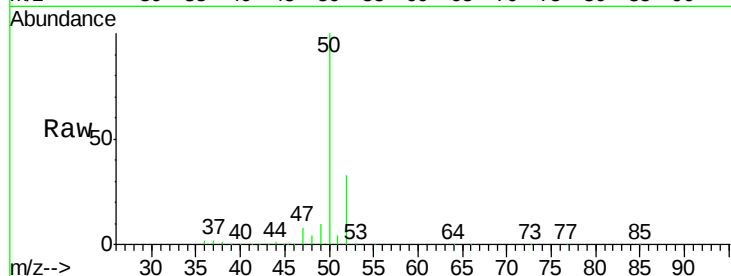
52 32.5 25.7 38.5

Manual Integrations

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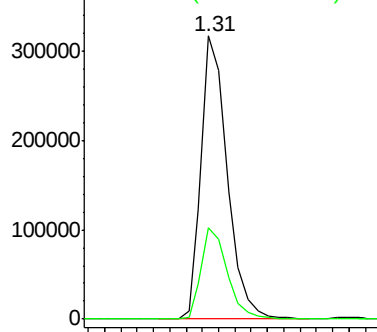
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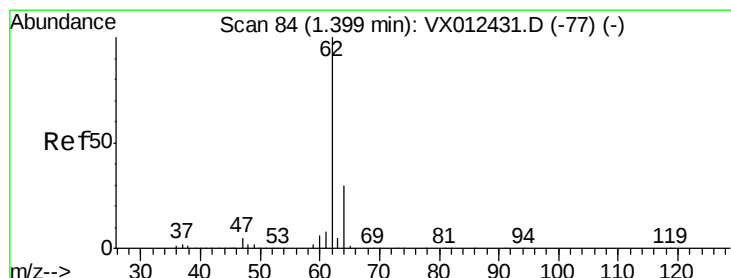
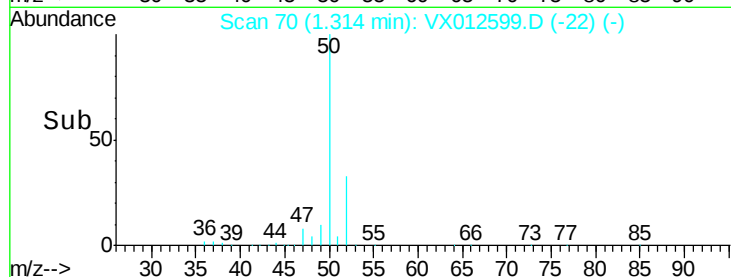


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 331.273 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012599.D

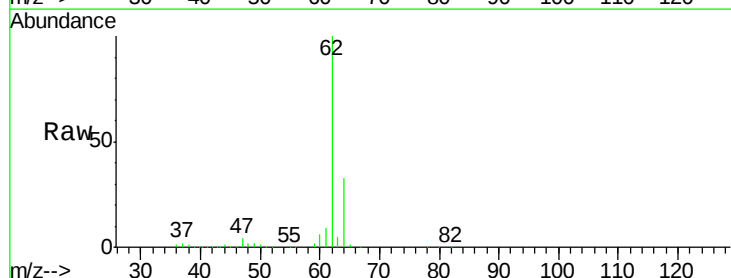
Acq: 23 Sep 2019 12:05

Tgt Ion: 62 Resp: 365632

Ion Ratio Lower Upper

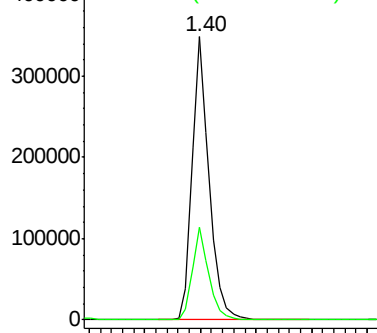
62 100

64 32.5 24.2 36.2

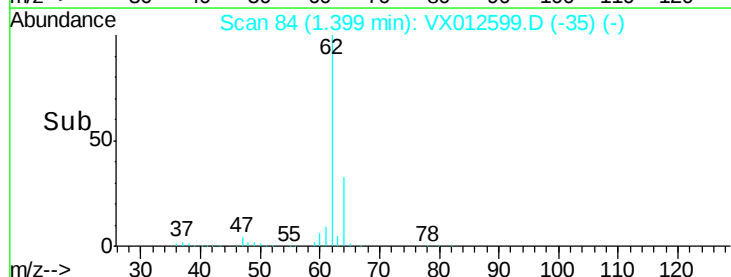


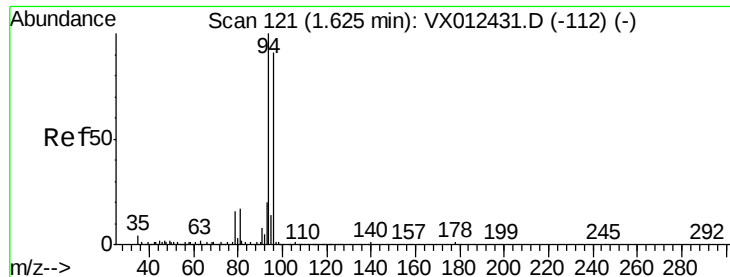
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 334.799 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 145176

Ion Ratio Lower Upper

94 100

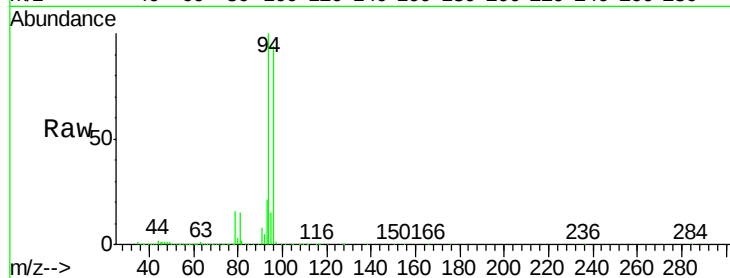
96 94.0 72.8 109.2

Manual Integrations

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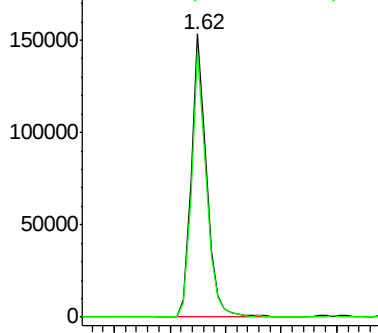
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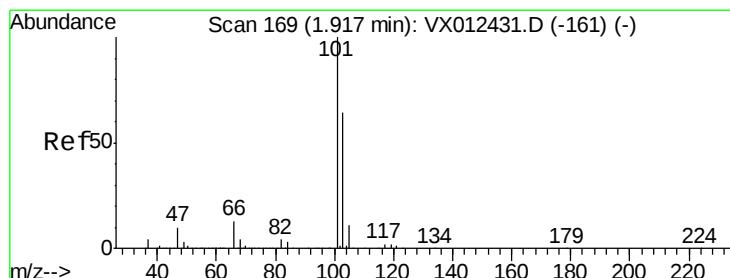
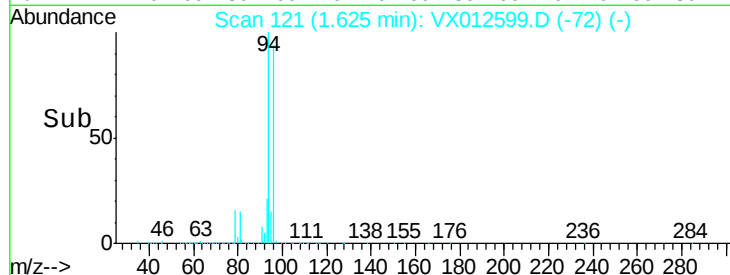


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#7

Trichlorofluoromethane

Concen: 244.828 ug/l

RT: 1.91 min Scan# 167

Delta R.T. -0.01 min

Lab File: VX012599.D

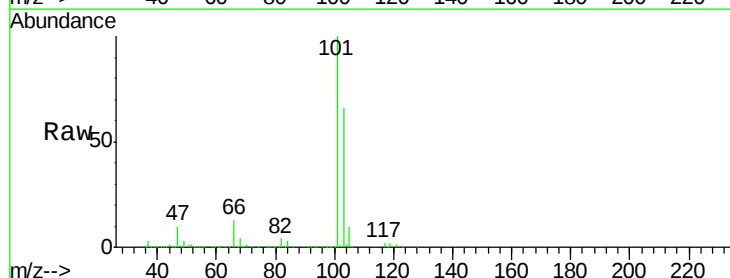
Acq: 23 Sep 2019 12:05

Tgt Ion: 101 Resp: 495354

Ion Ratio Lower Upper

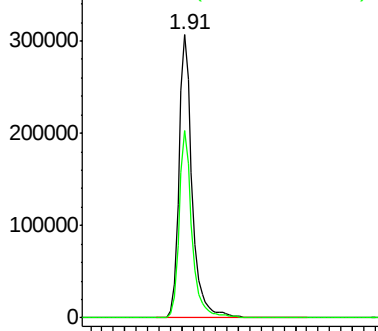
101 100

103 66.0 51.0 76.4

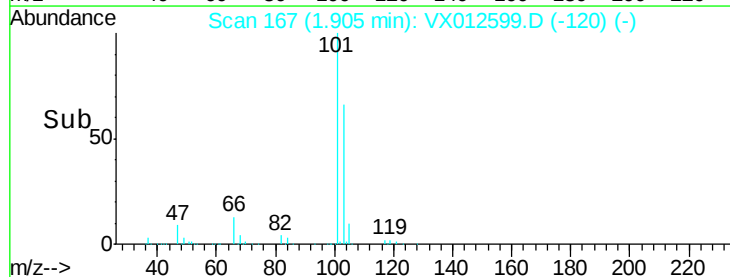


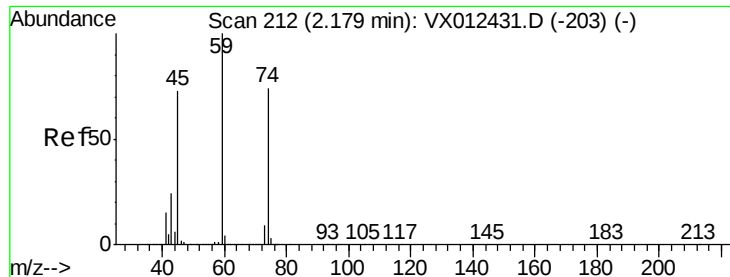
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->





#8

Diethyl Ether

Concen: 219.451 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

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ClientSampleId :

VSTDIC150

Tot Ion: 74 Resp: 200548

Ion Ratio Lower Upper

74 100

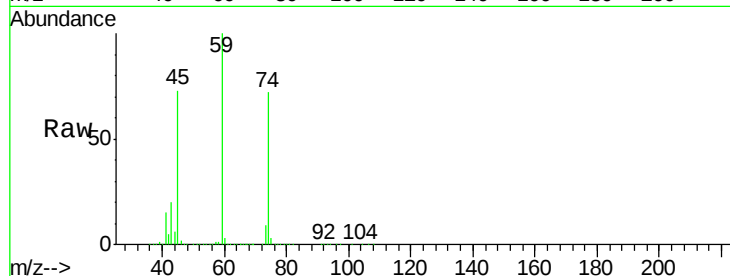
45 101.7 49.9 149.7

Manual Integrations

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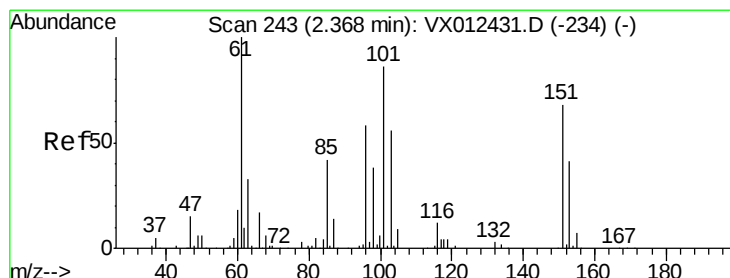
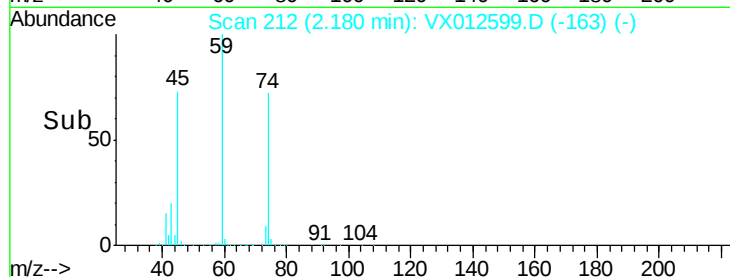
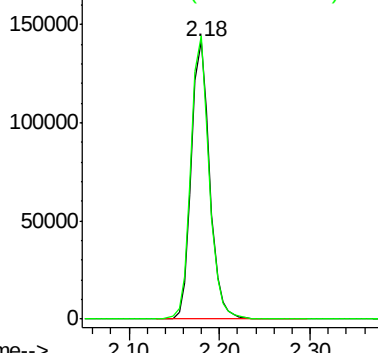
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Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 208.085 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

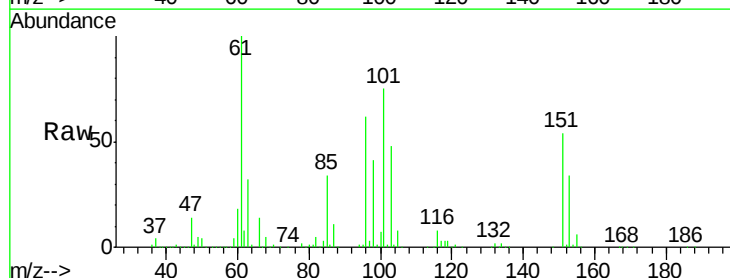
Tgt Ion:101 Resp: 304615

Ion Ratio Lower Upper

101 100

85 45.1 37.3 55.9

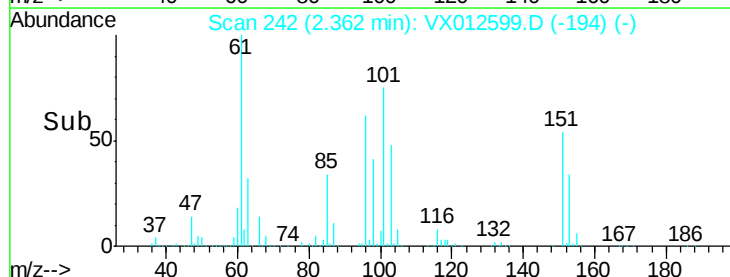
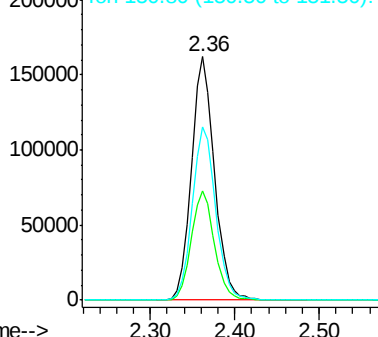
151 72.3 61.0 91.4

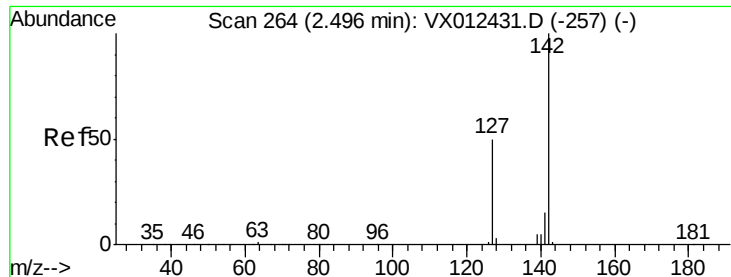


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





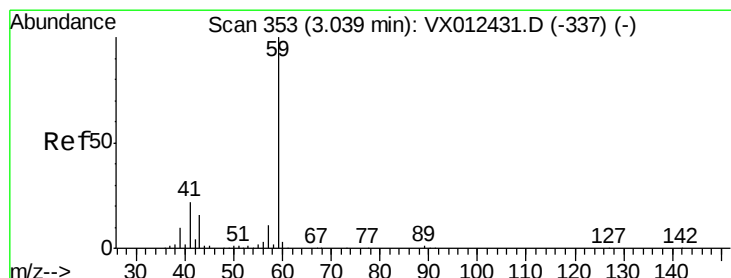
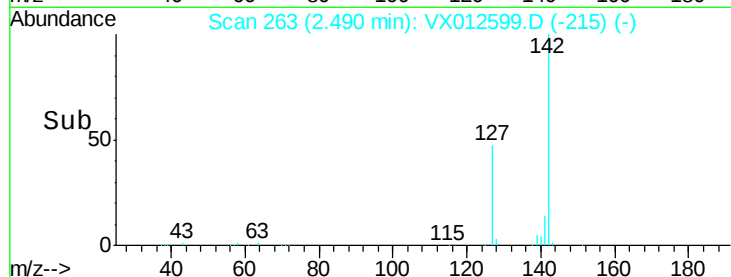
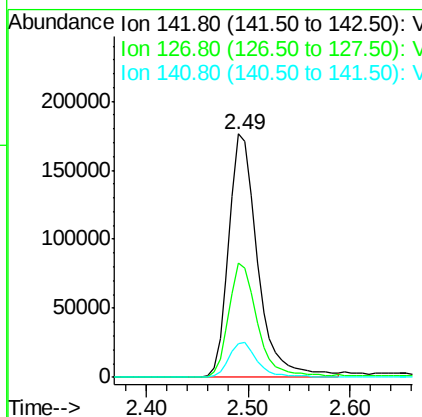
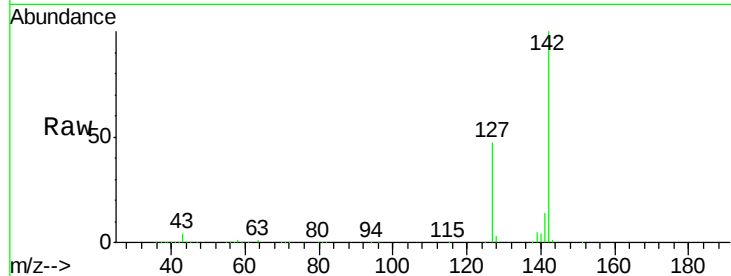
#10
Methvl Iodide
Concen: 311.153 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
142	100	347429		
127	46.5		40.8	61.2
141	14.2		12.1	18.1

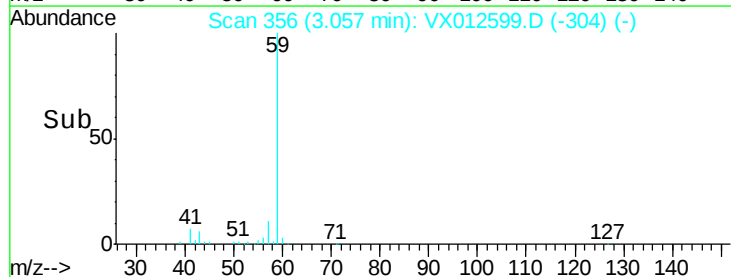
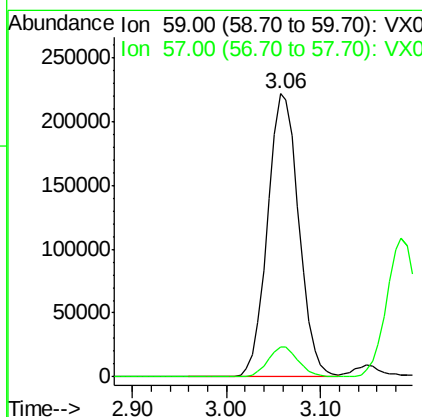
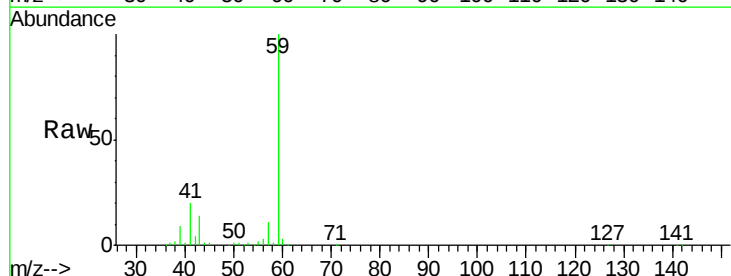
Manual Integrations
APPROVED

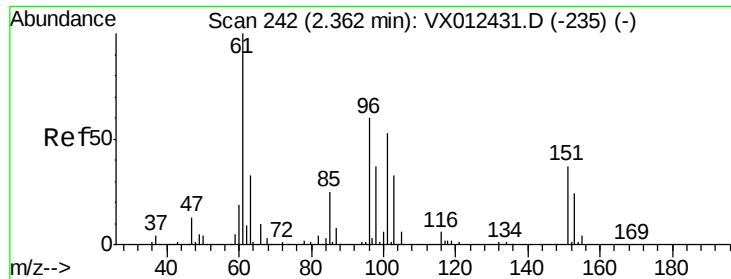
MMDadoda
9/24/2019 10:06:15 AM



#11
Tert butyl alcohol
Concen: 719.510 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.02 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	515048		
57	10.4		8.3	12.5





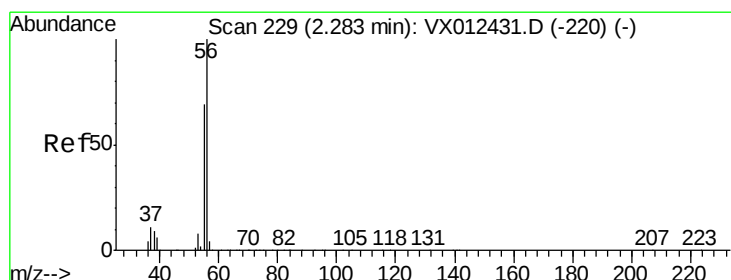
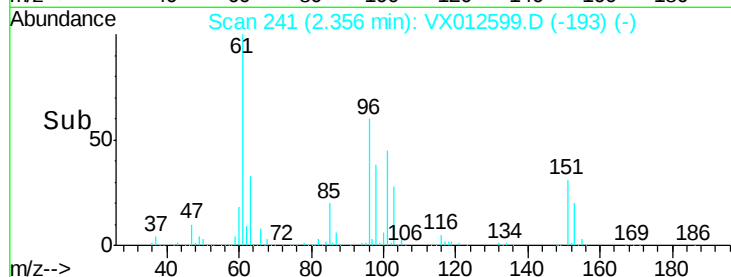
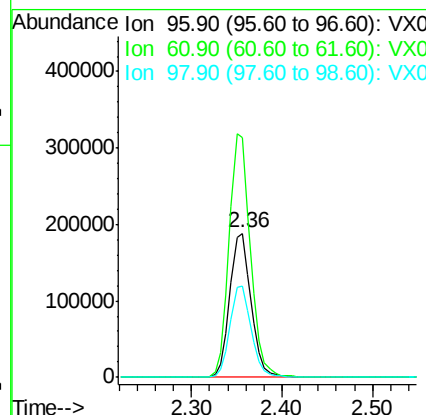
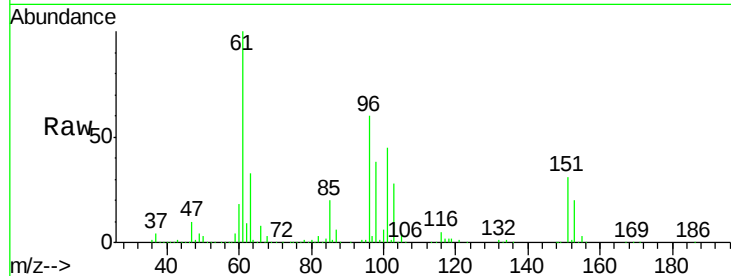
#12
1,1-Dichloroethene
Concen: 262.941 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	167.0	133.8	200.6	
98	63.8	49.9	74.9	

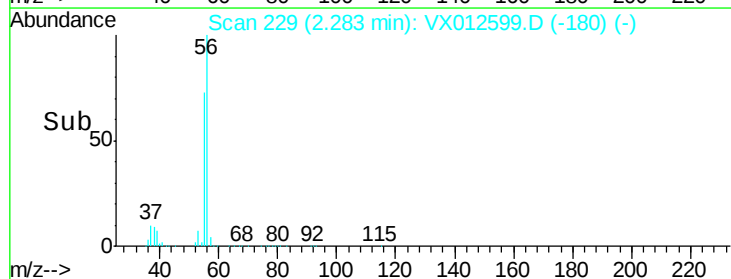
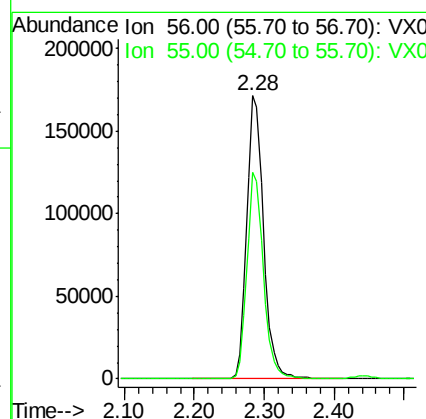
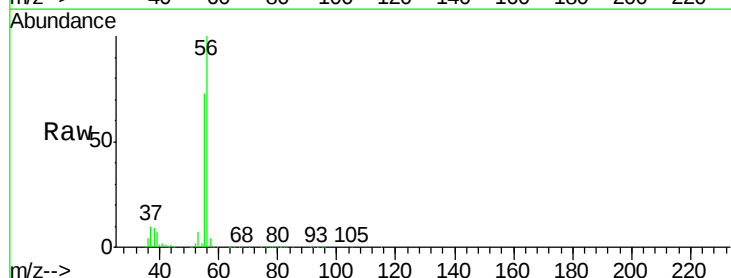
Manual Integrations
APPROVED

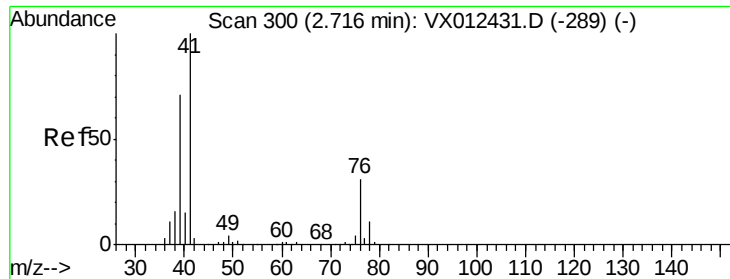
MMDadoda
9/24/2019 10:06:15 AM



#13
Acrolein
Concen: 1115.778 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
56	100			
55	71.1	55.8	83.8	





#14

Allvl chloride

Concen: 224.272 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

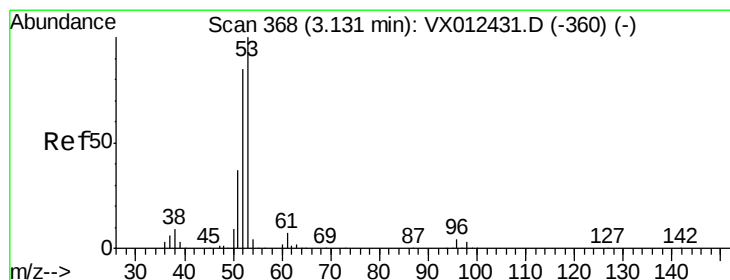
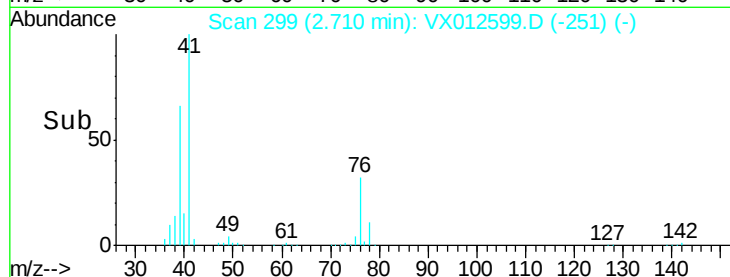
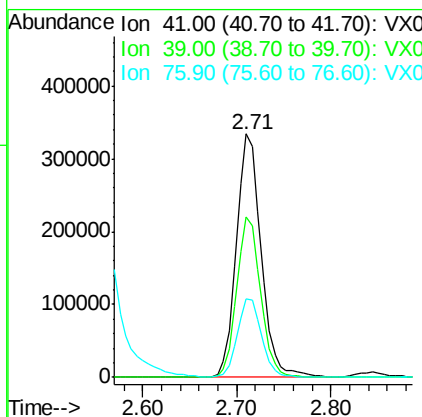
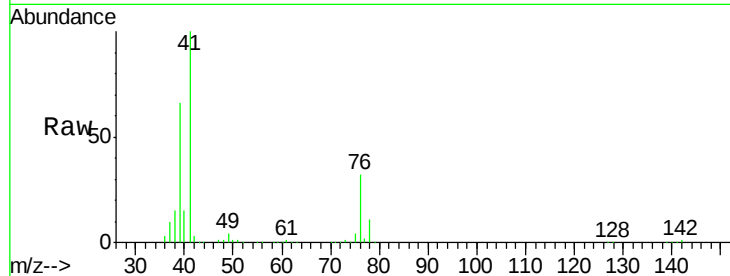
ClientSampleId :

VSTDIC150

Tot Ion:	41	Resp:	609753
Ion	Ratio	Lower	Upper
41	100		
39	63.7	51.3	76.9
76	31.6	22.6	33.8

Manual Integrations
APPROVED

MMDadoda
9/24/2019 10:06:15 AM



#15

Acrylonitrile

Concen: 928.188 ug/l

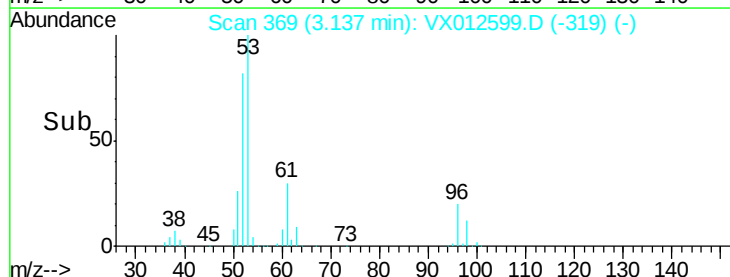
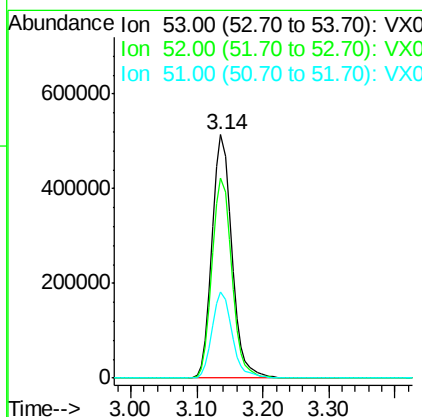
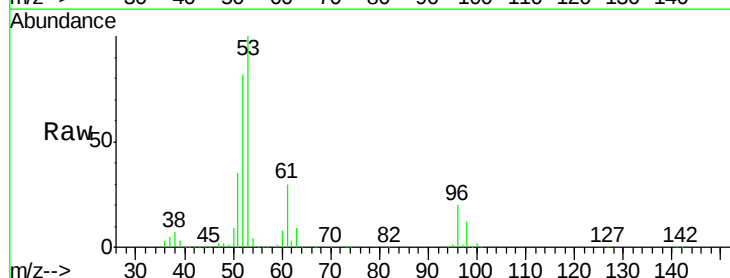
RT: 3.14 min Scan# 369

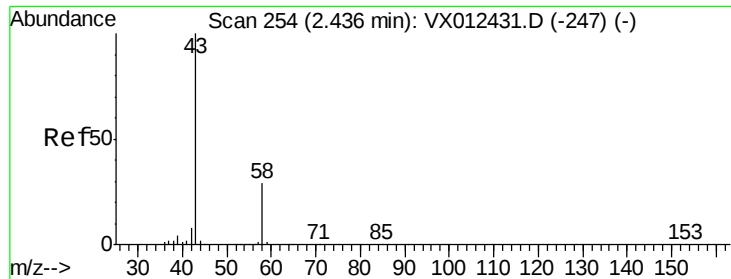
Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion:	53	Resp:	1070759
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.0	100.4
51	35.6	29.6	44.4





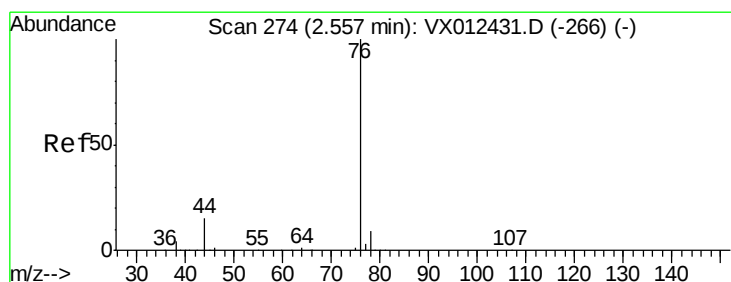
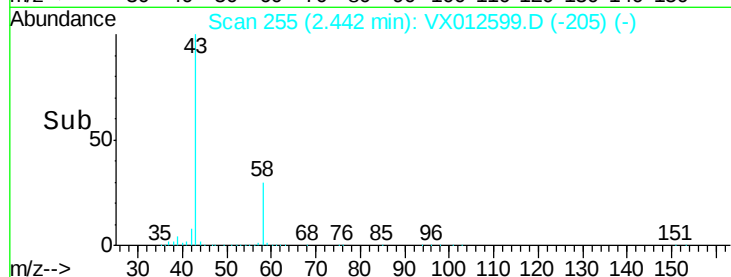
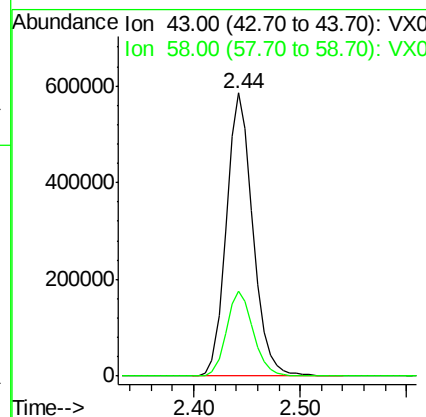
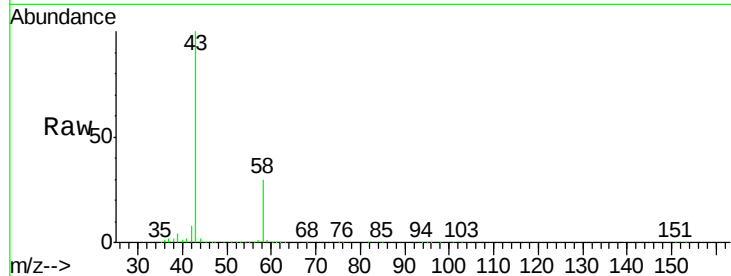
#16
Acetone
Concen: 755.744 ug/l
RT: 2.44 min Scan# 255
Delta R.T. 0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1017997
Ion Ratio Lower Upper
43 100
58 29.8 23.3 34.9

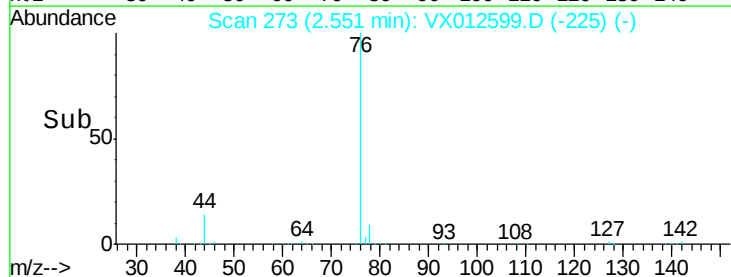
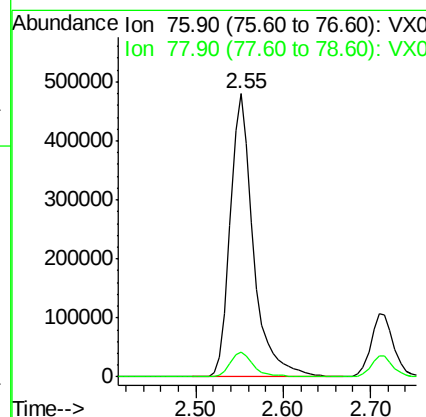
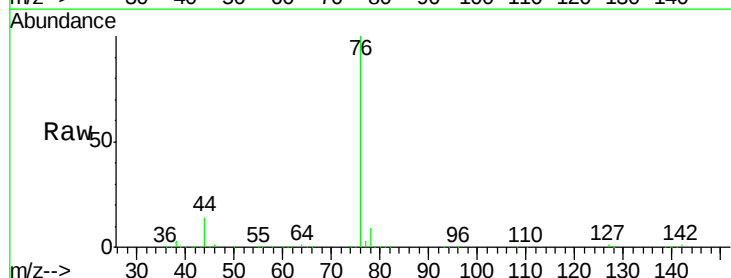
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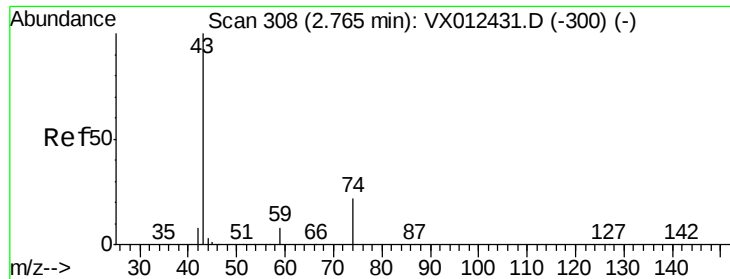
MMDadoda
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#17
Carbon Disulfide
Concen: 609.572 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion: 76 Resp: 881811
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9





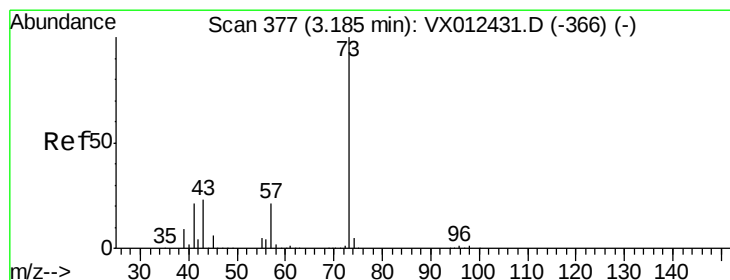
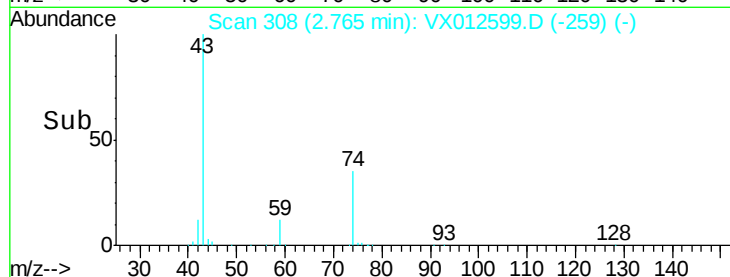
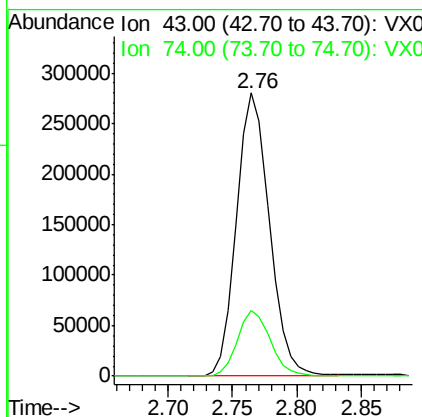
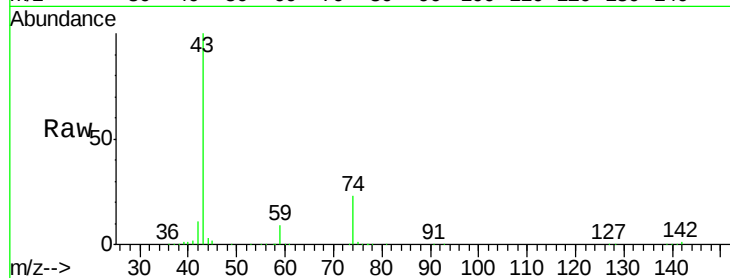
#18
Methyl Acetate
Concen: 178.879 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	43	Resp	496215
Ion Ratio	100	Lower	Upper
74	23.4	17.7	26.5

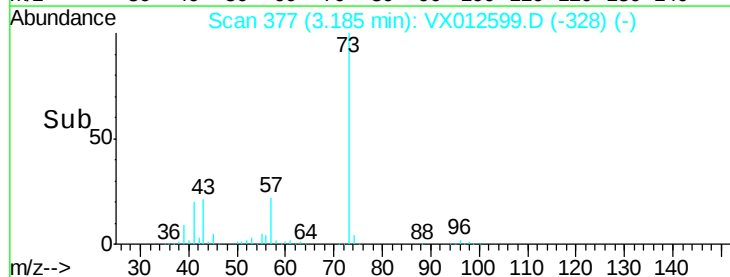
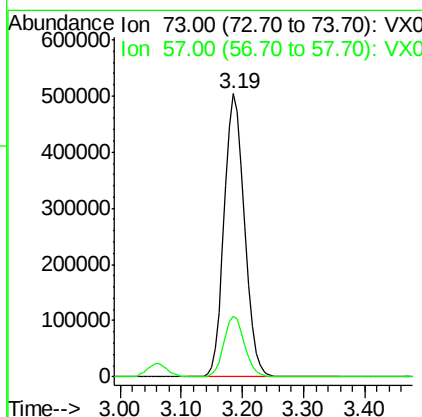
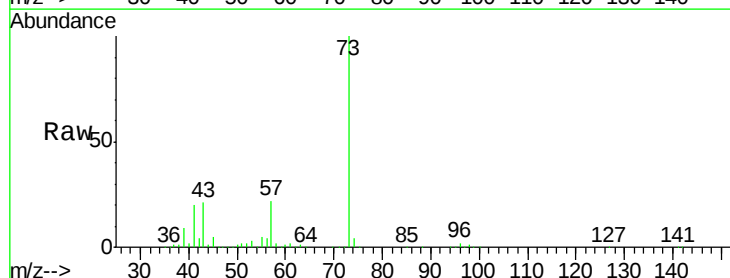
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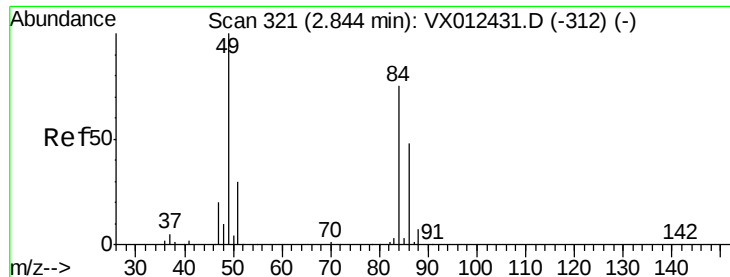
MMDadoda
9/24/2019 10:06:15 AM



#19
Methyl tert-butyl Ether
Concen: 180.893 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion	73	Resp	1151797
Ion Ratio	100	Lower	Upper
57	21.6	16.8	25.2





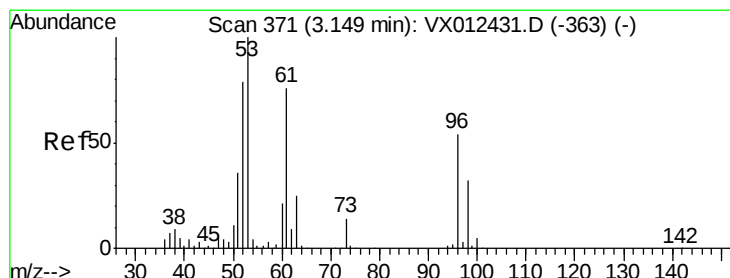
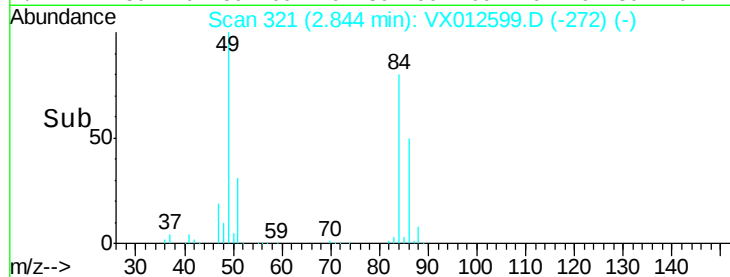
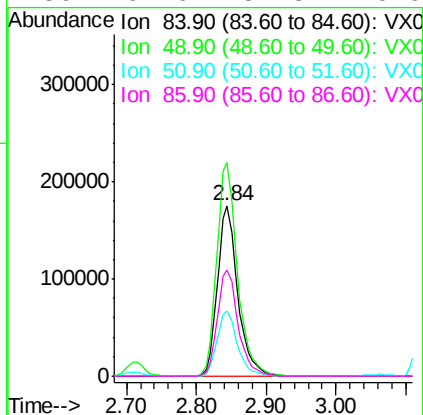
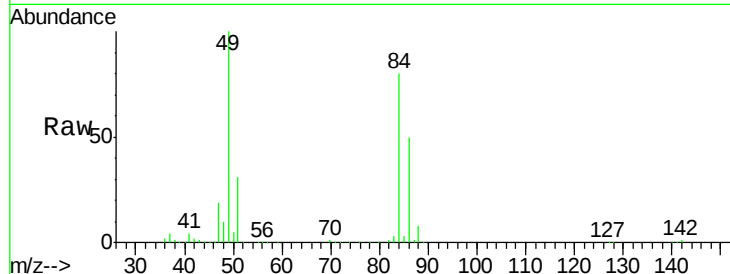
#20
Methvlene Chloride
Concen: 219.807 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	125.4	106.8	160.2	
51	38.5	32.3	48.5	
86	62.6	51.3	76.9	

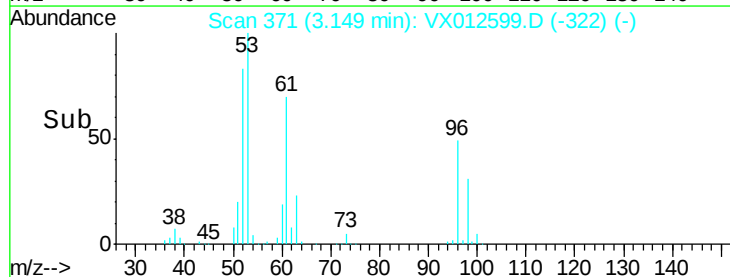
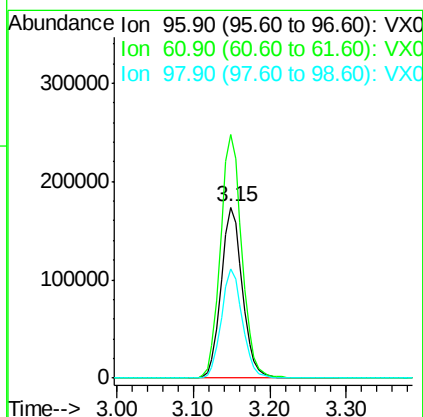
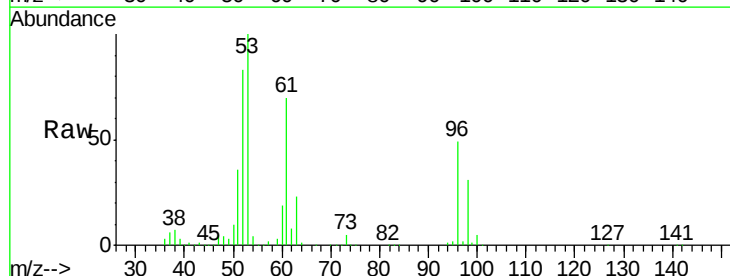
Manual Integrations
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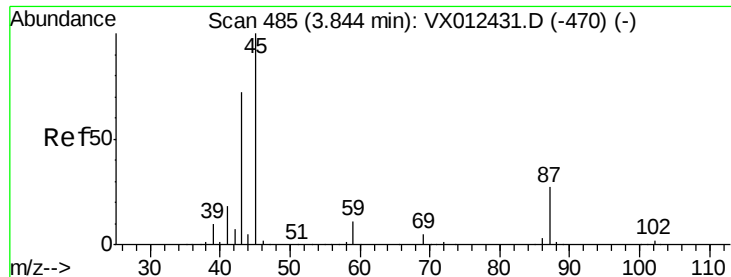
MMDadoda
9/24/2019 10:06:15 AM



#21
trans-1,2-Dichloroethene
Concen: 275.382 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	142.1	112.0	168.0	
98	63.7	47.8	71.8	





#22

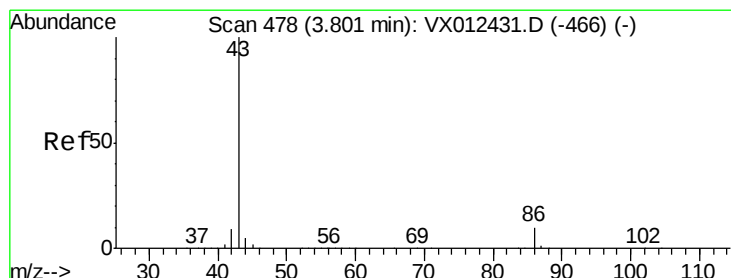
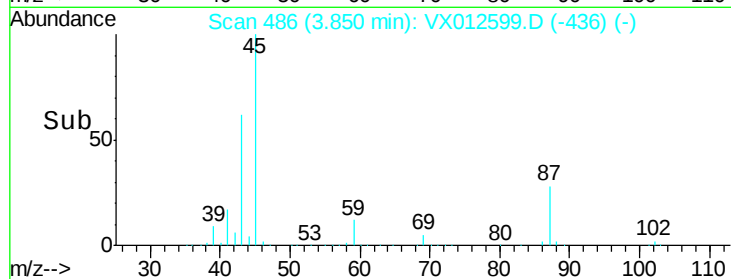
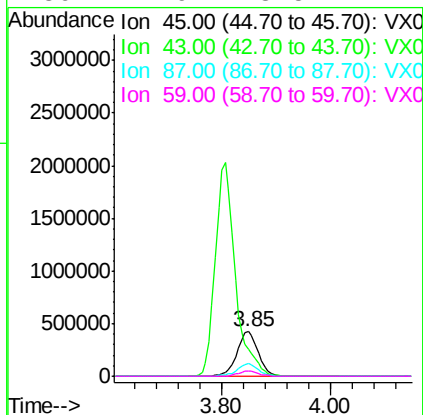
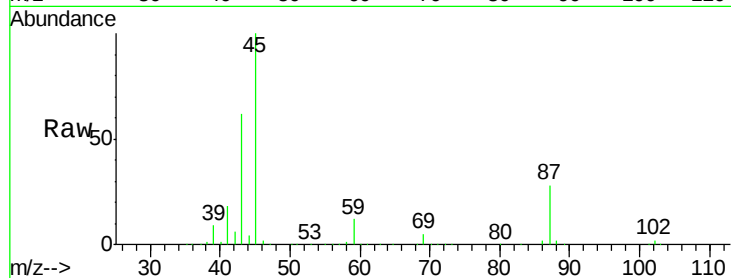
Diisopropyl ether
Concen: 179.664 ug/l
RT: 3.85 min Scan# 486
Delta R.T. 0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
45	100		
43	61.5	57.8	86.8
87	27.7	21.3	31.9
59	11.9	8.5	12.7

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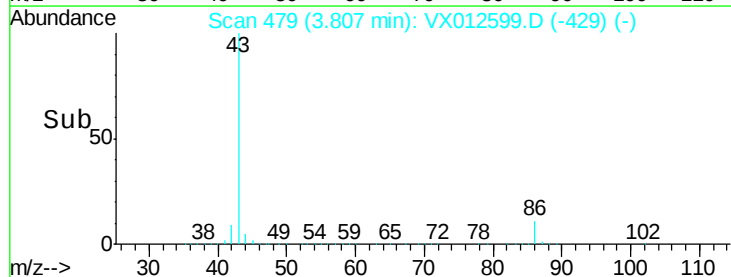
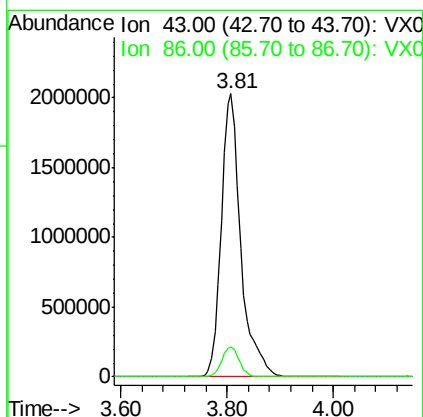
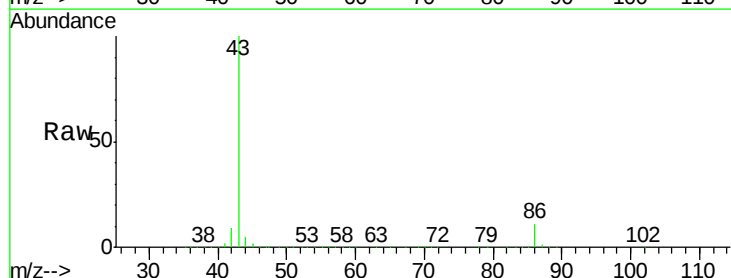
MMDadoda
9/24/2019 10:06:15 AM

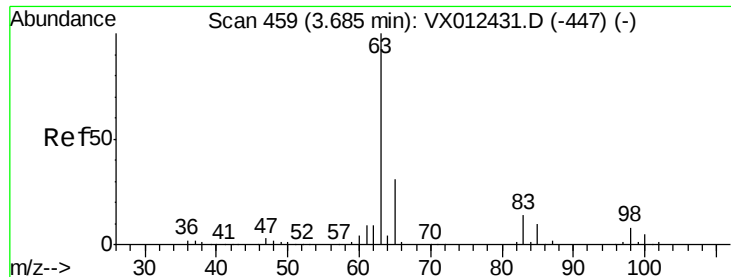


#23

Vinyl Acetate
Concen: 994.486 ug/l
RT: 3.81 min Scan# 479
Delta R.T. 0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.8	7.8	11.8





#24

1,1-Dichloroethane

Concen: 206.045 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

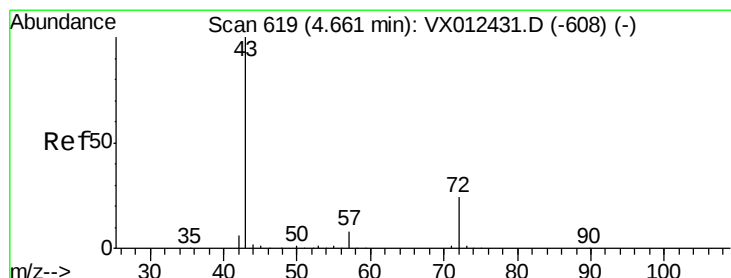
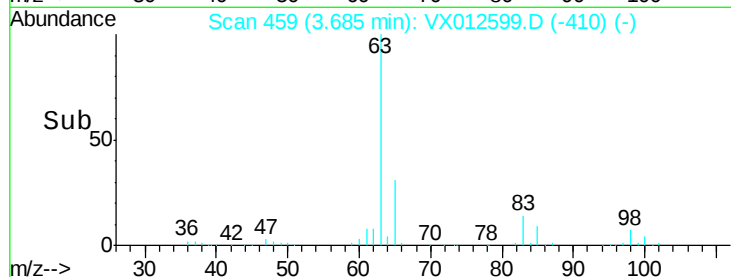
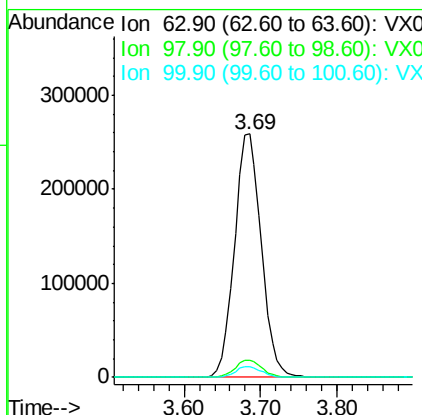
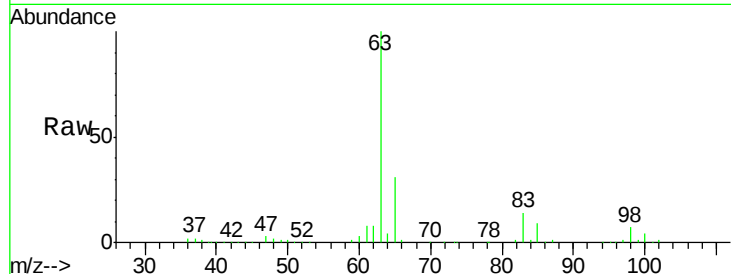
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	627580
Ion Ratio	Lower	Upper	
63	100		
98	7.2	3.9	11.7
100	4.5	2.3	6.9

Manual Integrations
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#25

2-Butanone

Concen: 844.246 ug/l

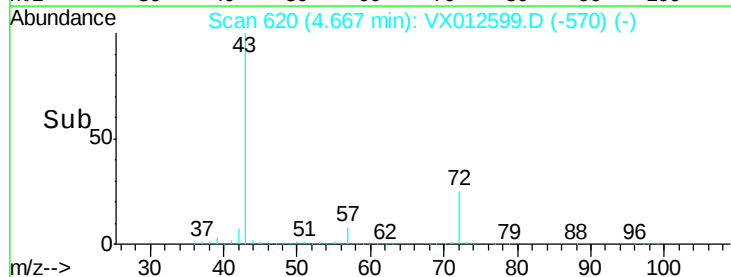
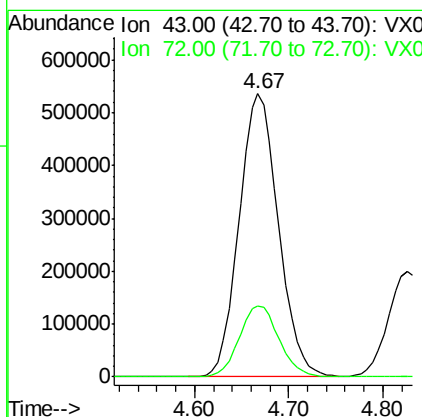
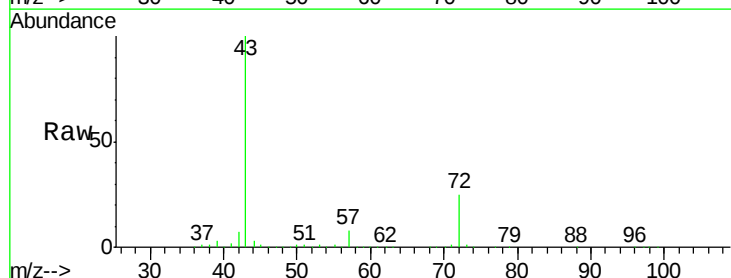
RT: 4.67 min Scan# 620

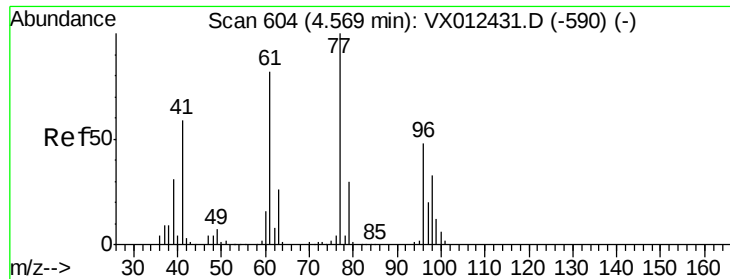
Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion:	43	Resp:	1559001
Ion Ratio	Lower	Upper	
43	100		
72	25.1	19.2	28.8





#26

2,2-Dichloropropane

Concen: 184.573 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 552891

Ion Ratio Lower Upper

77 100

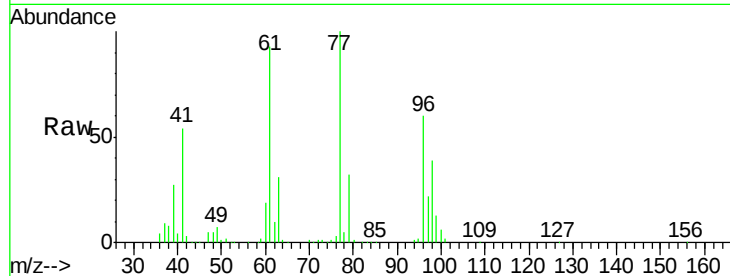
97 21.7 10.5 31.6

Manual Integrations

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Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

200000

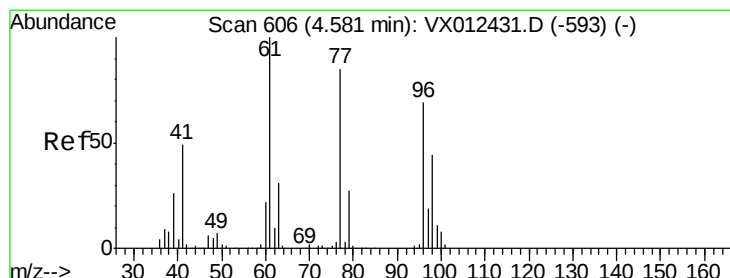
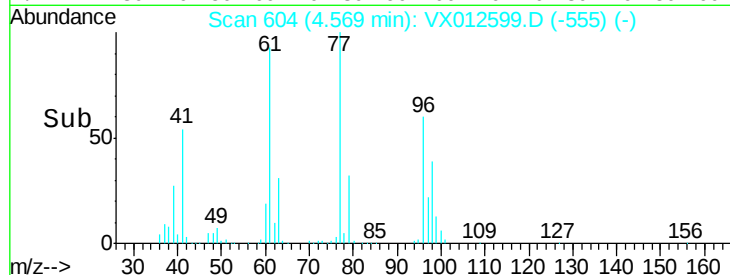
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 213.523 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

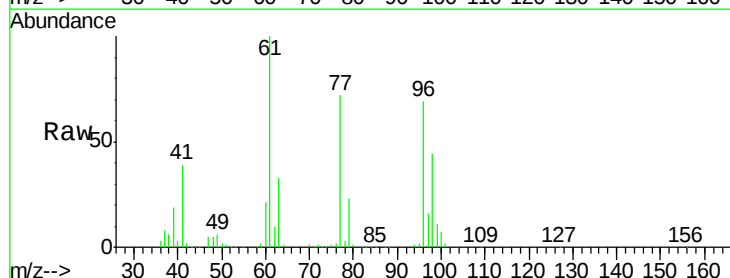
Tgt Ion: 96 Resp: 386808

Ion Ratio Lower Upper

96 100

61 150.9 0.0 319.4

98 64.6 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

250000

200000

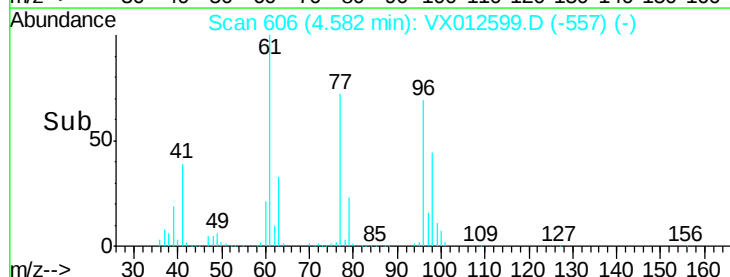
150000

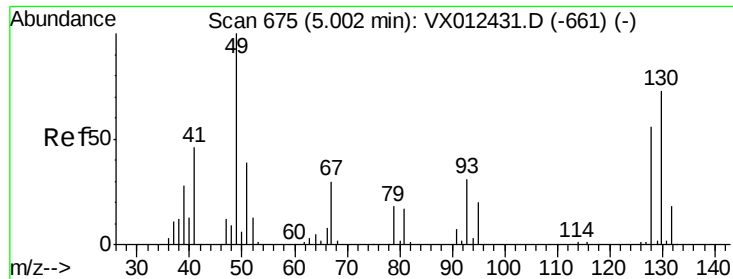
100000

50000

0

Time-->





#28

Bromochloromethane

Concen: 134.147 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 49 Resp: 210643

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

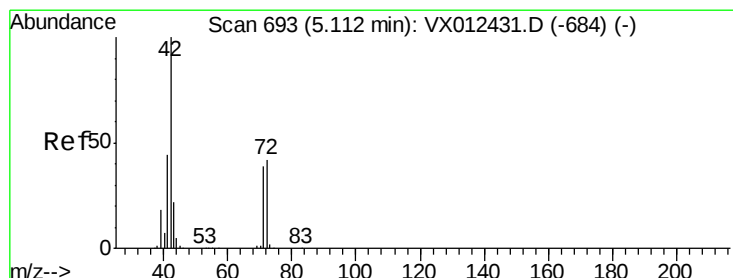
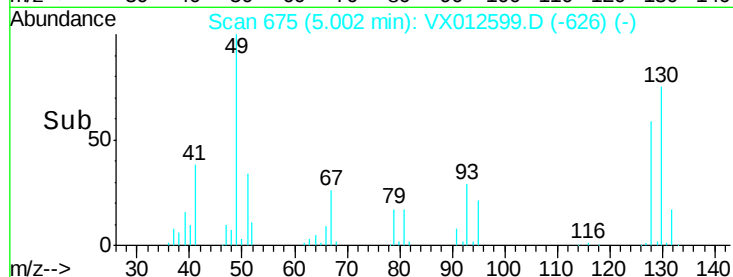
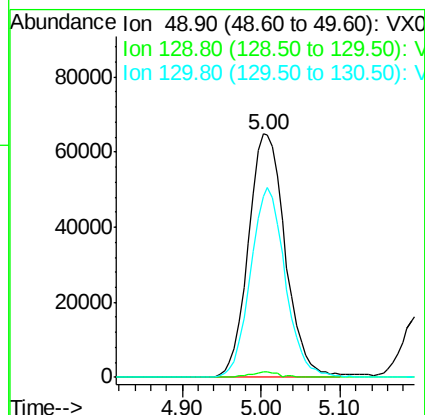
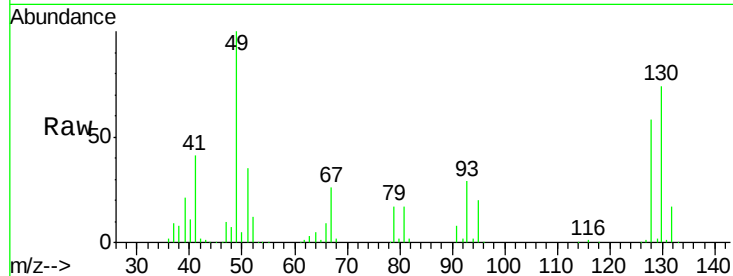
130 73.2 58.2 87.4

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#29

Tetrahydrofuran

Concen: 952.389 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

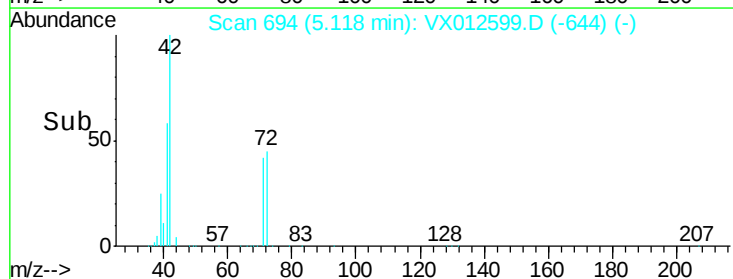
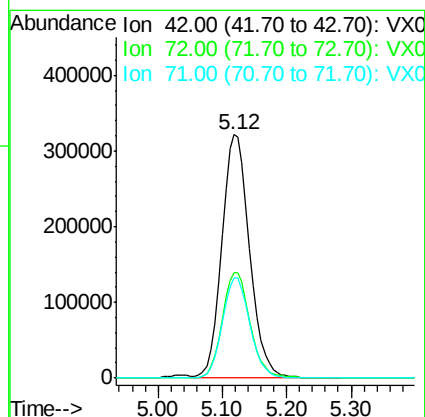
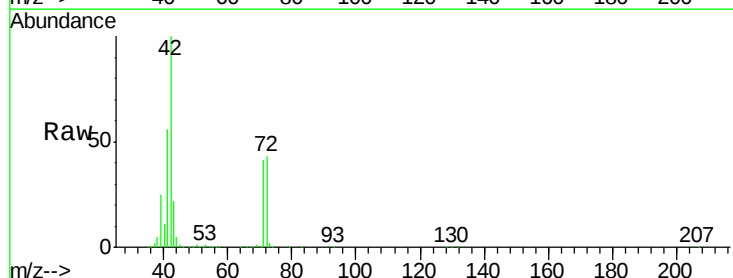
Tgt Ion: 42 Resp: 971573

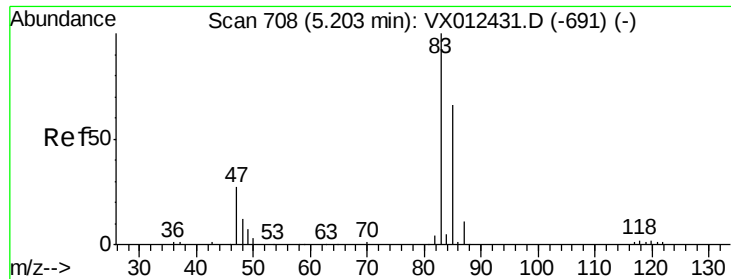
Ion Ratio Lower Upper

42 100

72 43.9 34.0 51.0

71 41.1 31.5 47.3





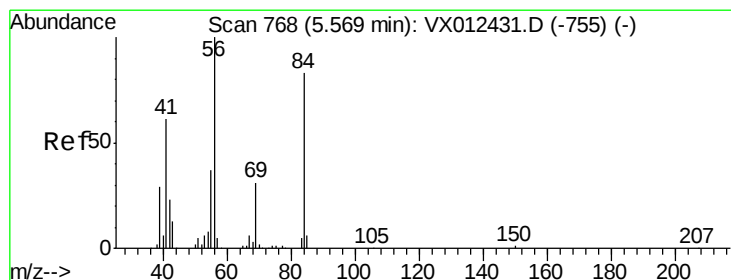
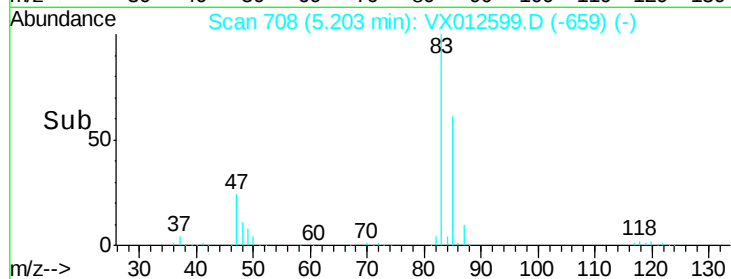
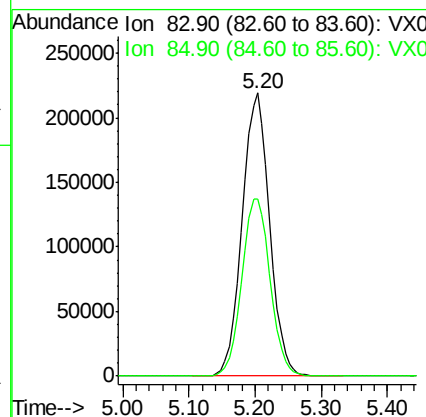
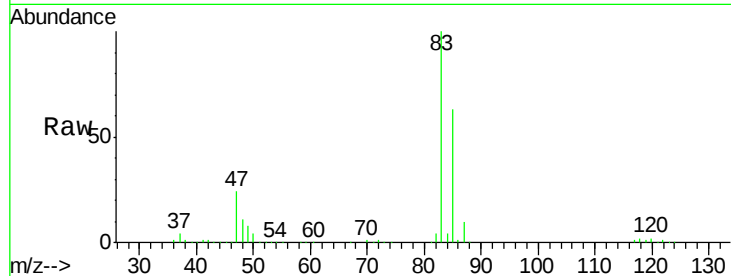
#30
Chloroform
Concen: 180.650 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	631917
Ion Ratio	100	Lower	Upper
83	100		
85	62.6	53.0	79.4

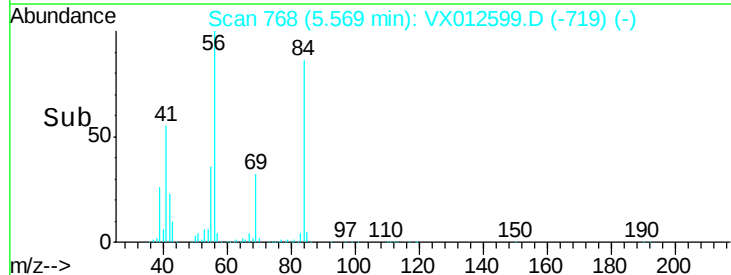
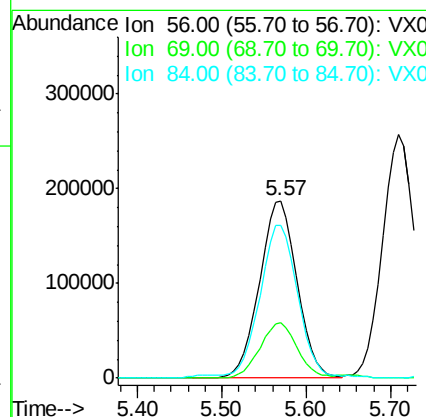
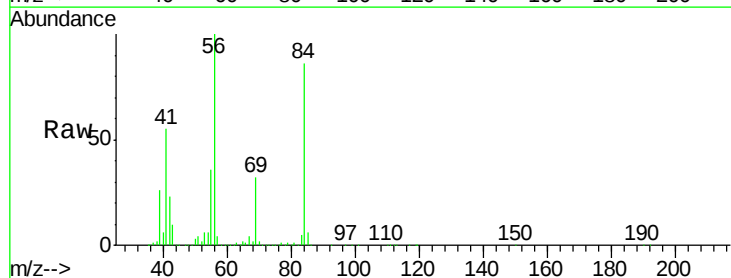
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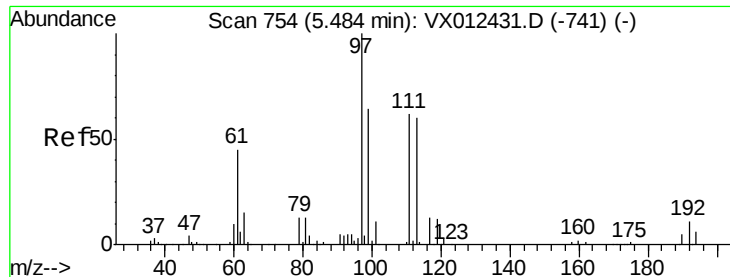
MMDadoda
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#31
Cyclohexane
Concen: 311.173 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion	56	Resp	572136
Ion Ratio	100	Lower	Upper
56	100		
69	31.7	25.0	37.6
84	84.7	66.4	99.6





#32

1,1,1-Trichloroethane

Concen: 195.399 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

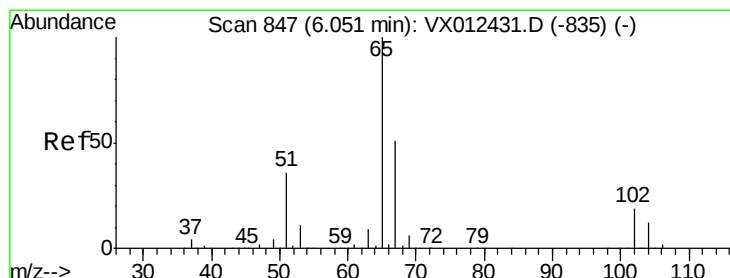
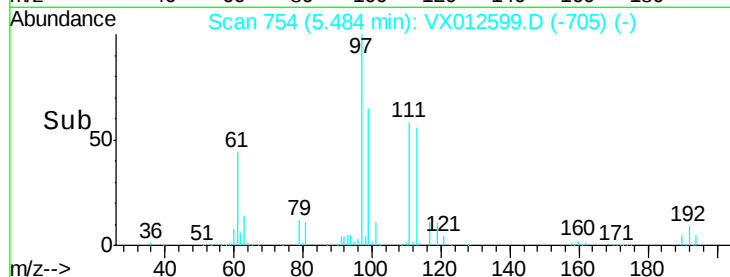
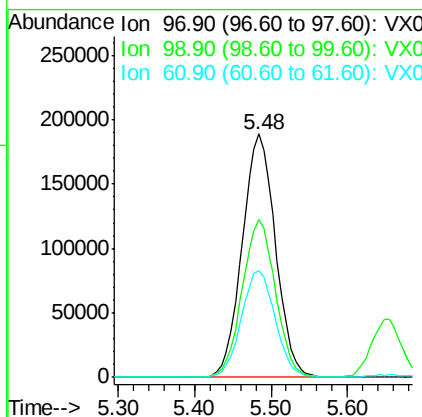
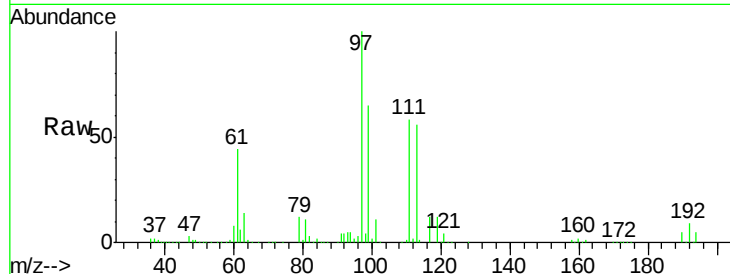
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	571276
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	44.8	36.1	54.1

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#33

1,2-Dichloroethane-d4

Concen: 154.971 ug/l

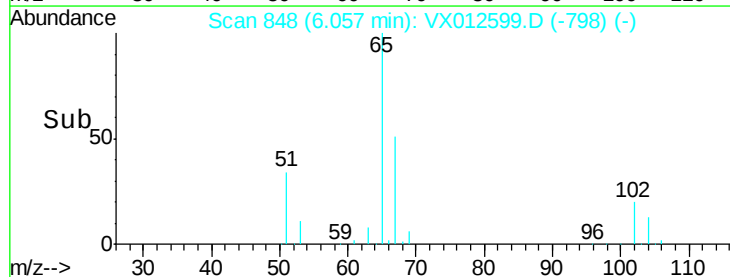
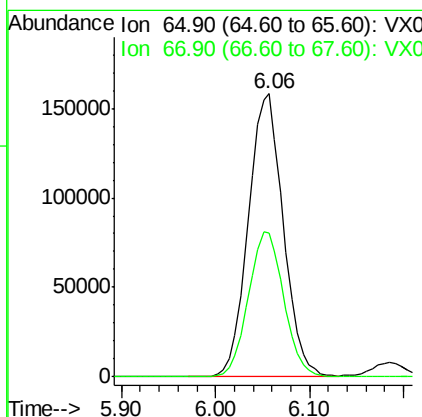
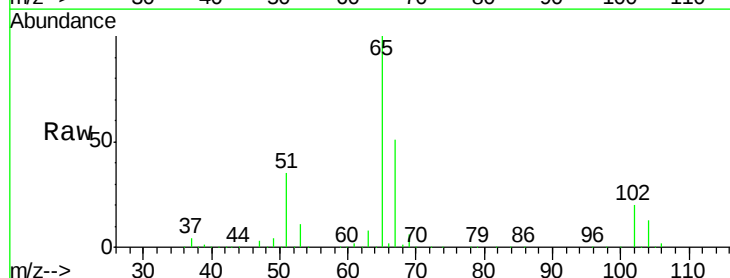
RT: 6.06 min Scan# 848

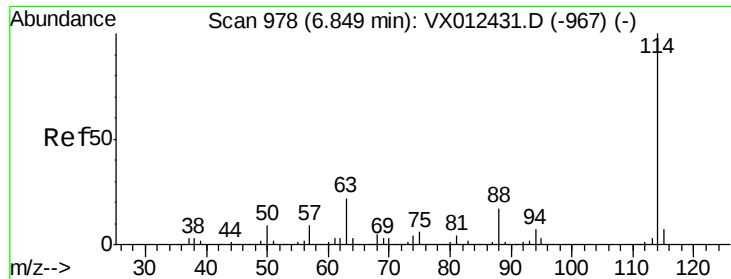
Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion:	65	Resp:	412553
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.2





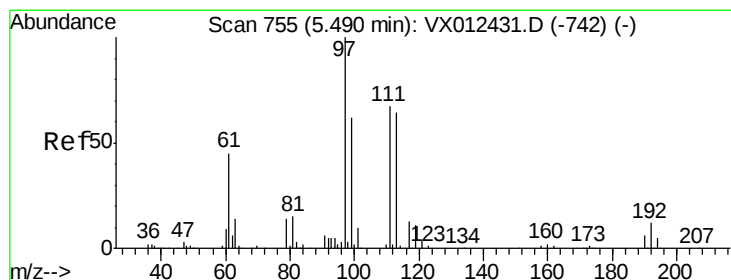
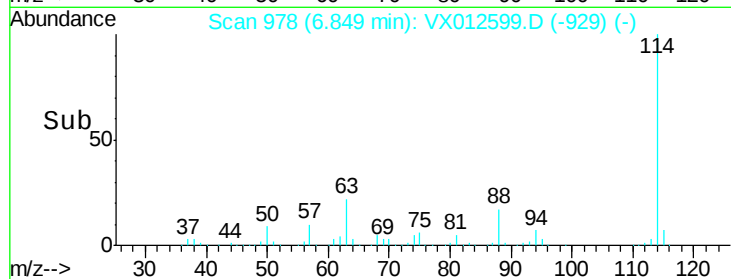
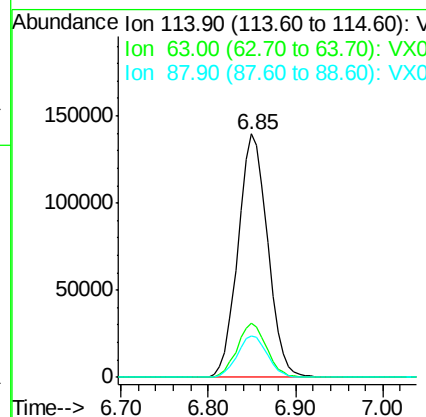
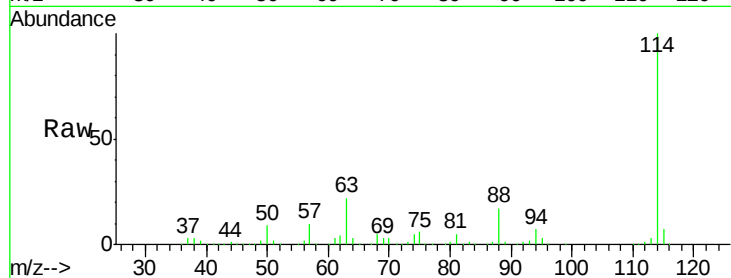
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.3	0.0	43.2
88	16.8	0.0	33.2

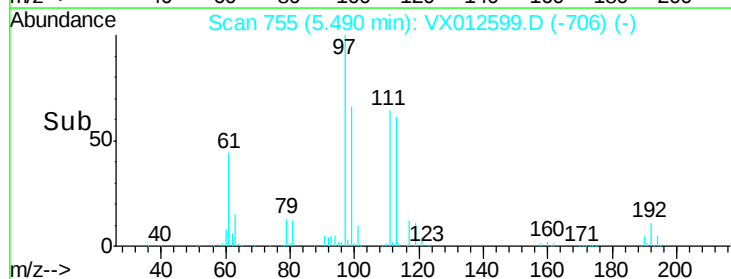
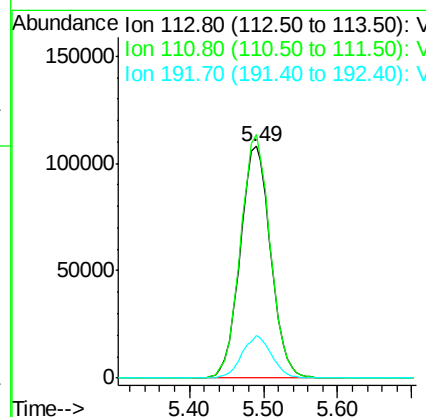
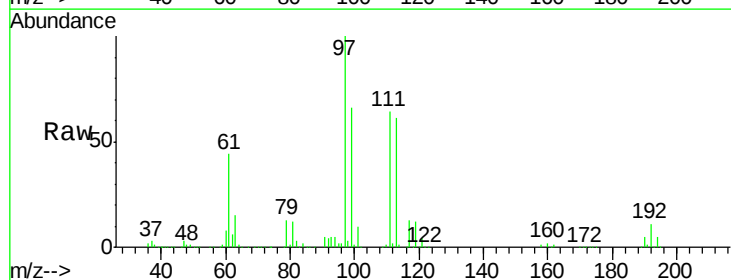
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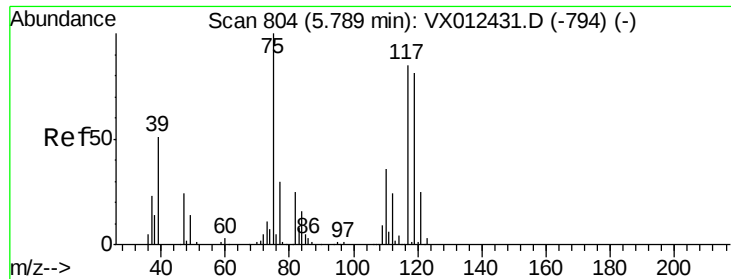
MMDadoda
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#35
 Dibromofluoromethane
 Concen: 155.987 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.5	83.4	125.2
192	17.8	14.4	21.6





#36

1,1-Dichloropropene

Concen: 239.120 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 478492

Ion Ratio Lower Upper

75 100

110 34.4 16.7 50.0

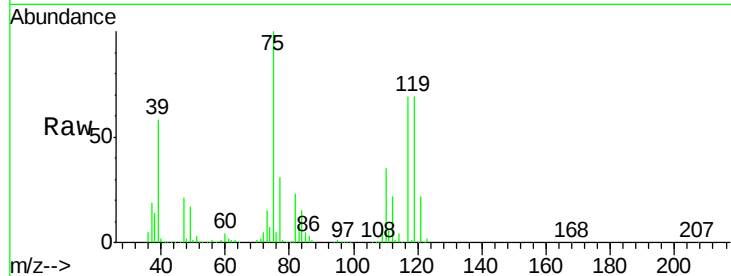
77 31.0 24.2 36.2

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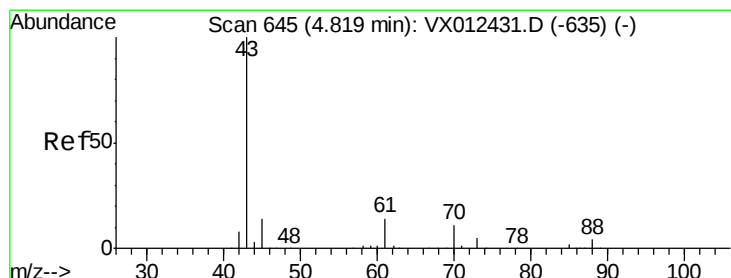
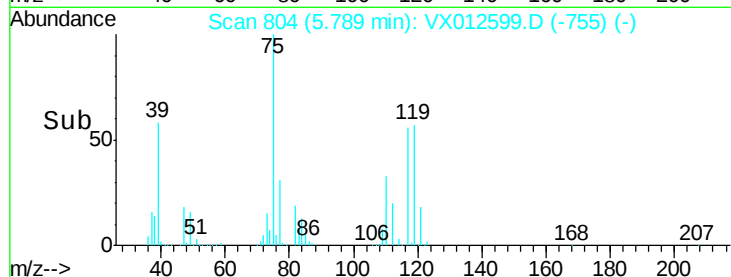
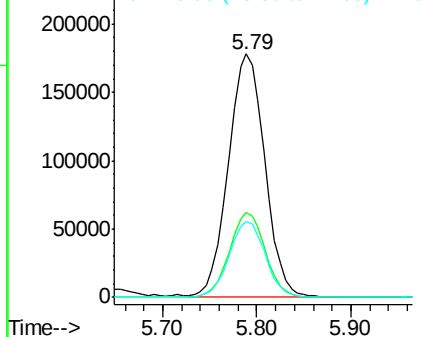
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 189.172 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

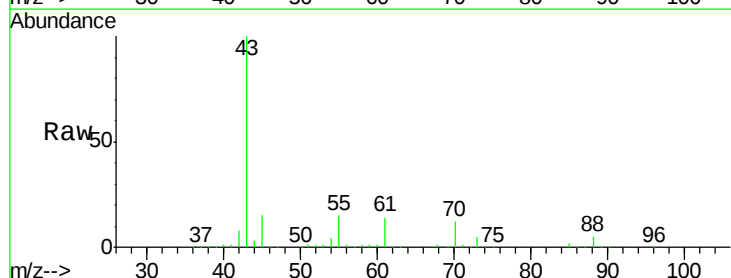
Tgt Ion: 43 Resp: 581064

Ion Ratio Lower Upper

43 100

61 13.8 10.2 15.4

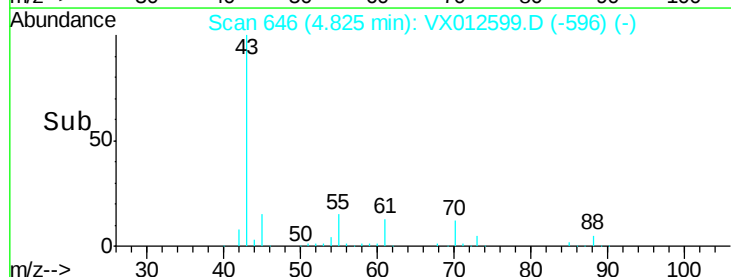
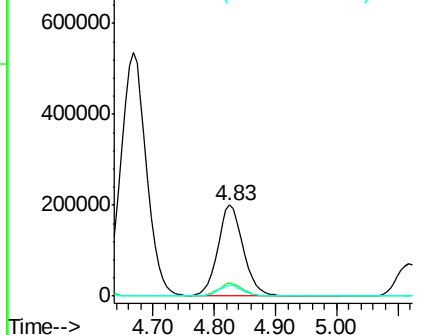
70 11.3 8.7 13.1

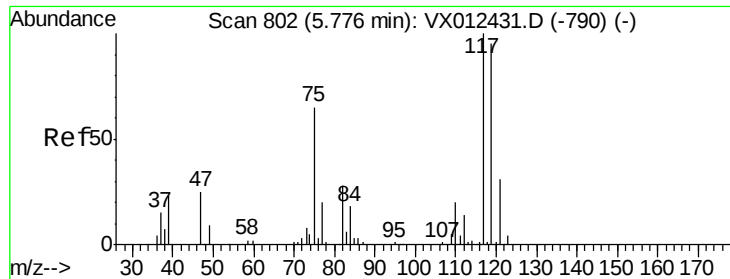


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 199.927 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

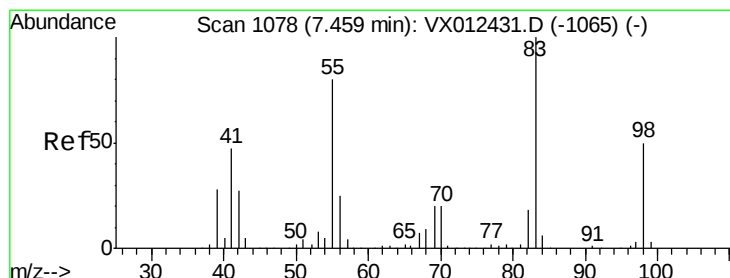
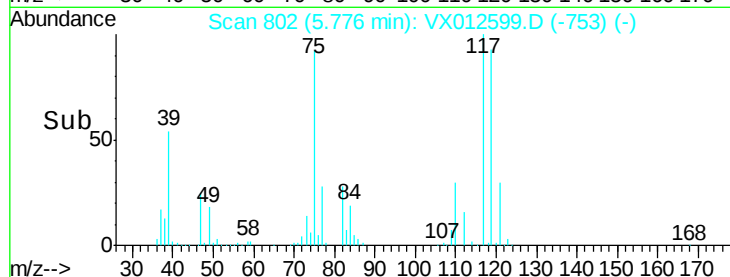
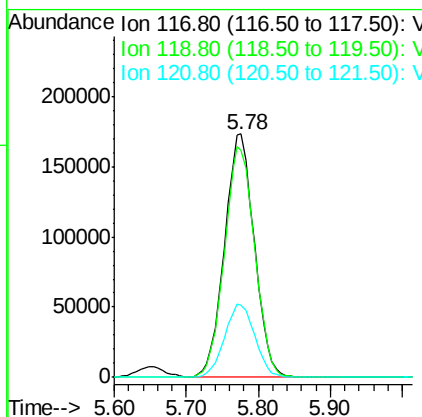
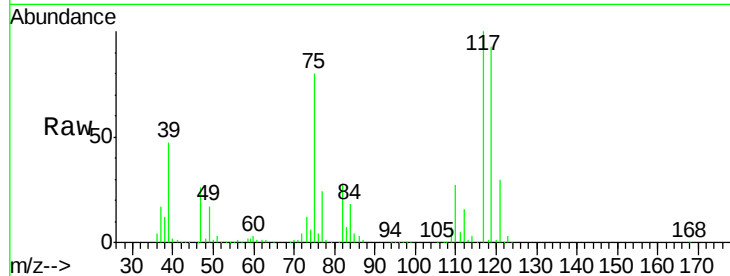
ClientSampleId :

VSTDIC150

Tot Ion:	117	Resp:	497569
Ion Ratio	Lower	Upper	
117	100		
119	93.4	75.7	113.5
121	29.8	24.2	36.4

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#39

Methylcyclohexane

Concen: 297.010 ug/l

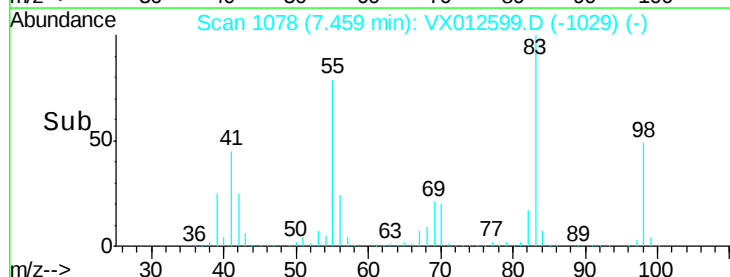
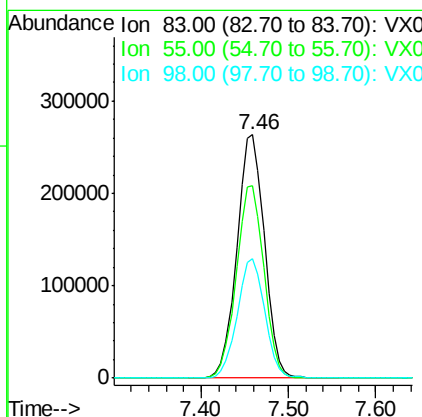
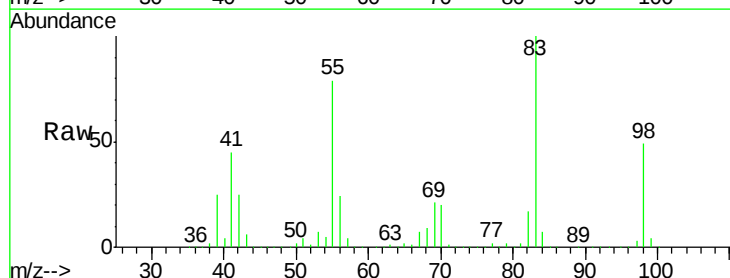
RT: 7.46 min Scan# 1078

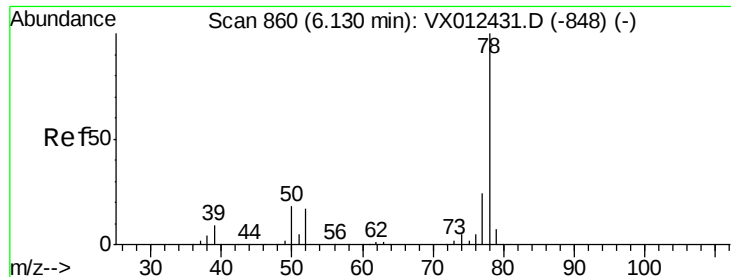
Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion:	83	Resp:	577769
Ion Ratio	Lower	Upper	
83	100		
55	79.1	64.4	96.6
98	48.9	40.1	60.1





#40

Benzene

Concen: 220.767 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 78 Resp: 1404793

Ion Ratio Lower Upper

78 100

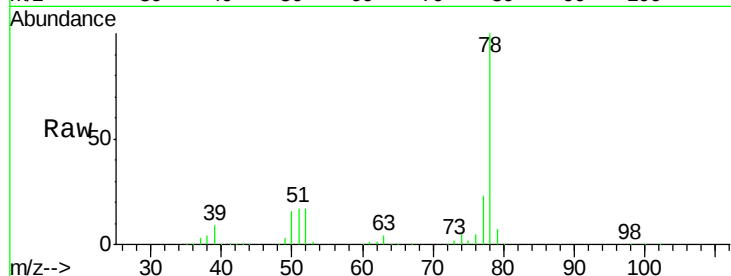
77 22.9 19.2 28.8

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.13

500000

400000

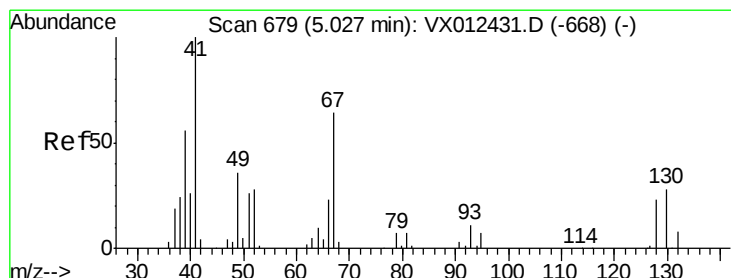
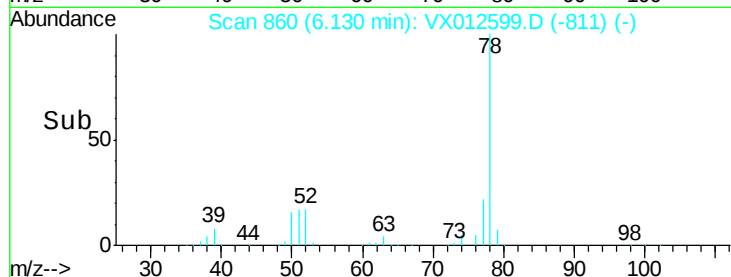
300000

200000

100000

0

Time-->



#41

Methacrylonitrile

Concen: 162.937 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion: 41 Resp: 322257

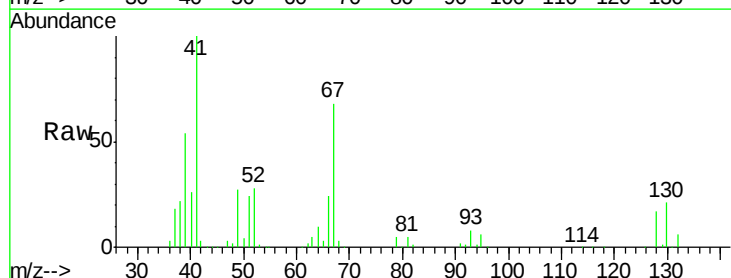
Ion Ratio Lower Upper

41 100

39 54.8 46.0 69.0

67 68.5 52.2 78.2

52 28.5 22.7 34.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

250000

200000

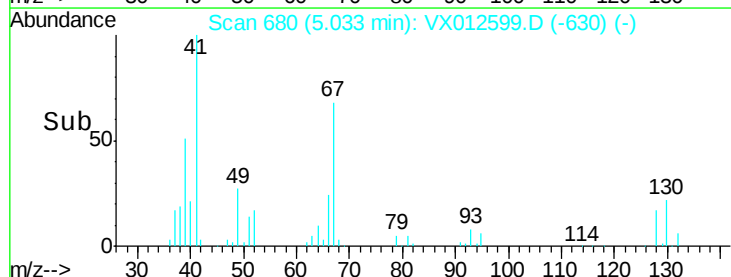
150000

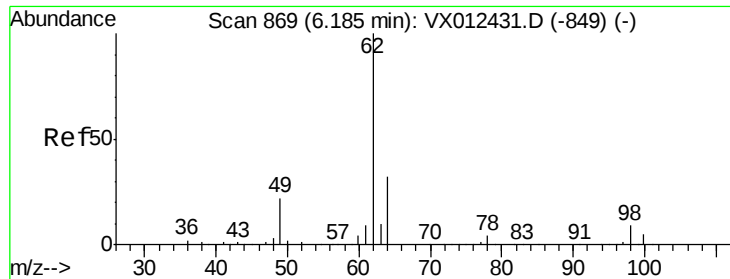
100000

50000

0

Time-->





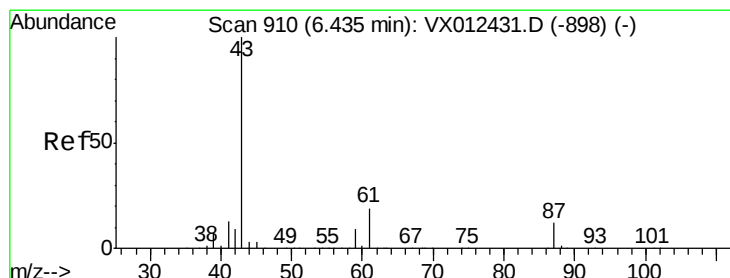
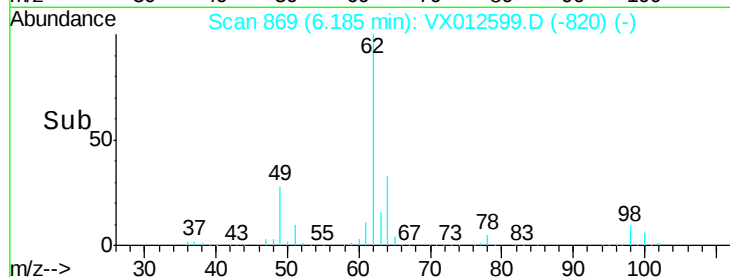
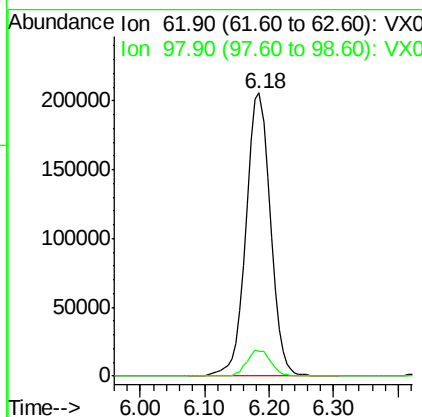
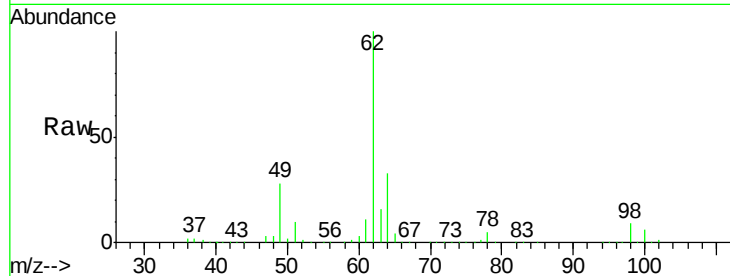
#42
 1,2-Dichloroethane
 Concen: 180.300 ug/l
 RT: 6.18 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
62	100	532129		
98	9.0	0.0	17.8	

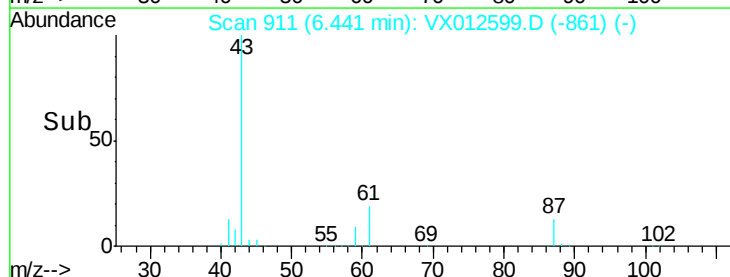
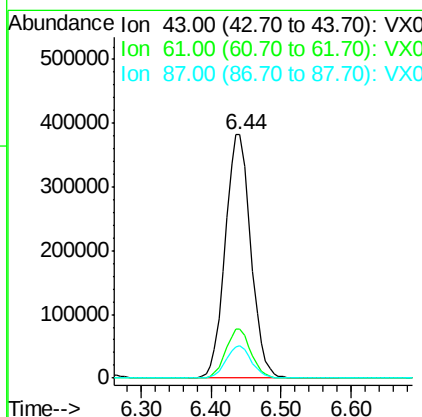
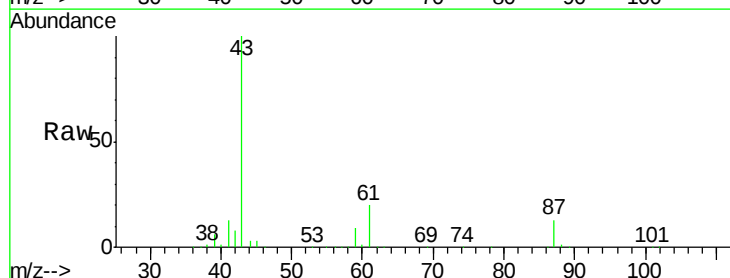
Manual Integrations
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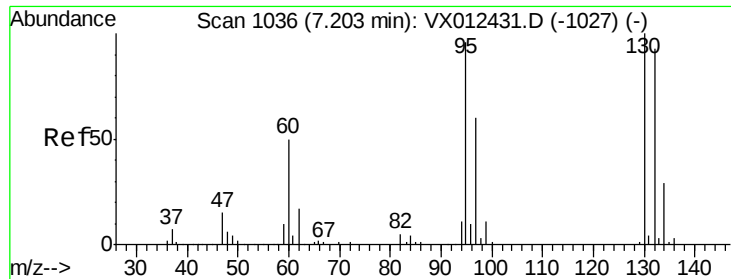
MMDadoda
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#43
 Isopropyl Acetate
 Concen: 175.529 ug/l
 RT: 6.44 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	967685		
61	19.7	15.4	23.0	
87	13.1	9.8	14.8	





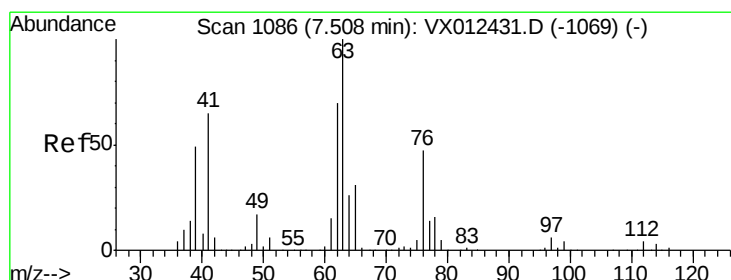
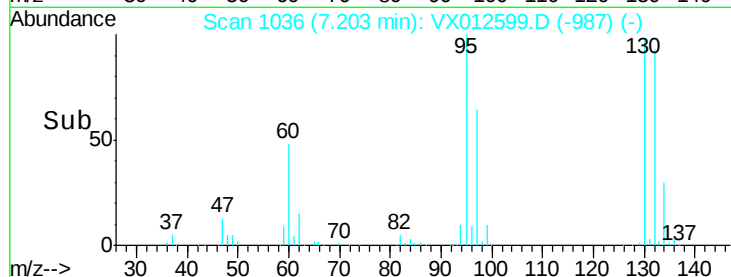
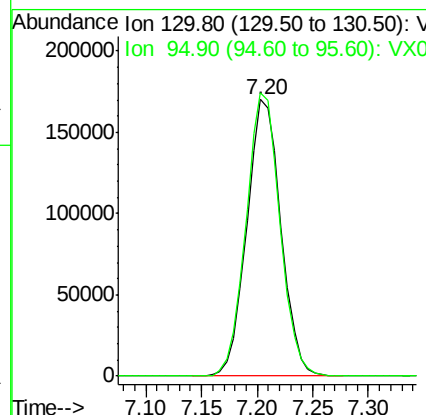
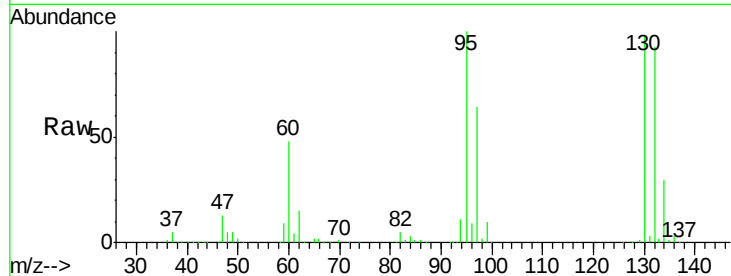
#44
 Trichloroethene
 Concen: 216.772 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:130 Resp: 362849
 Ion Ratio Lower Upper
 130 100
 95 102.4 0.0 193.0

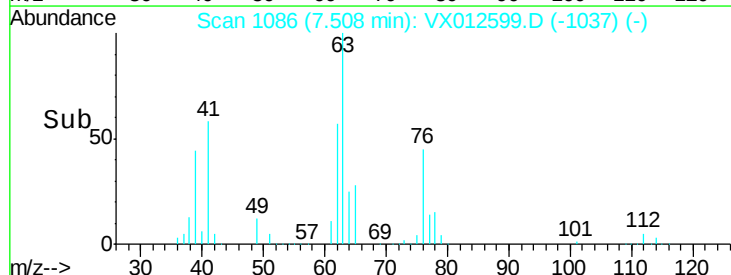
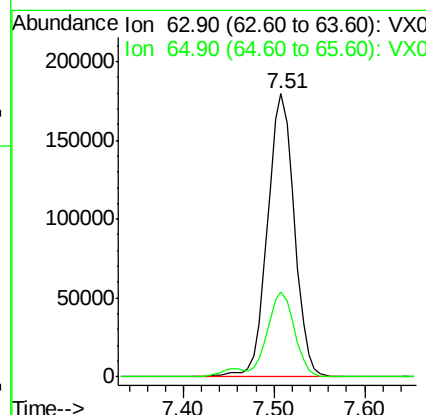
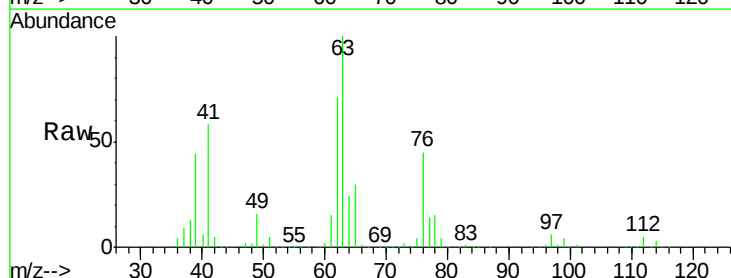
Manual Integrations
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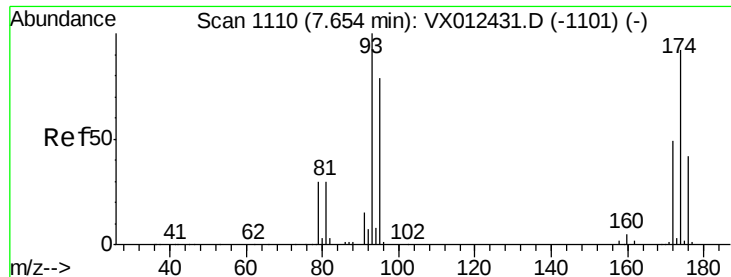
MMDadoda
 9/24/2019 10:06:15 AM



#45
 1,2-Dichloropropane
 Concen: 188.408 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion: 63 Resp: 368330
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6





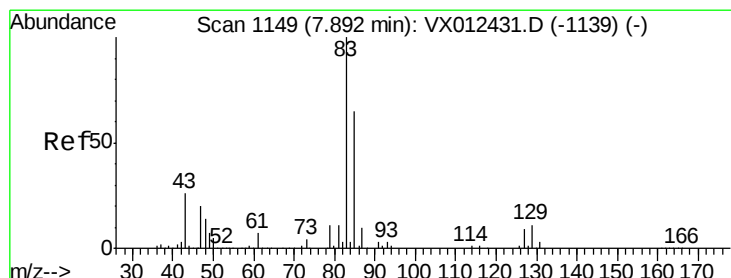
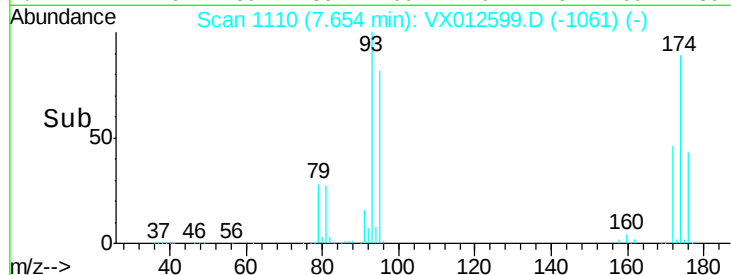
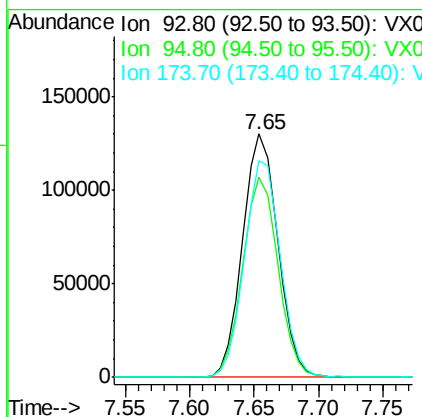
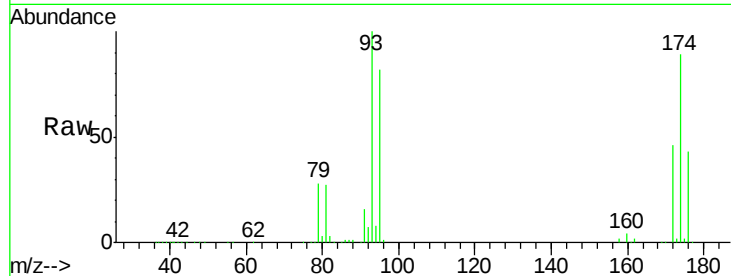
#46
Dibromomethane
Concen: 195.530 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
93	100	247364		
95	82.2	66.6	100.0	
174	90.4	77.4	116.0	

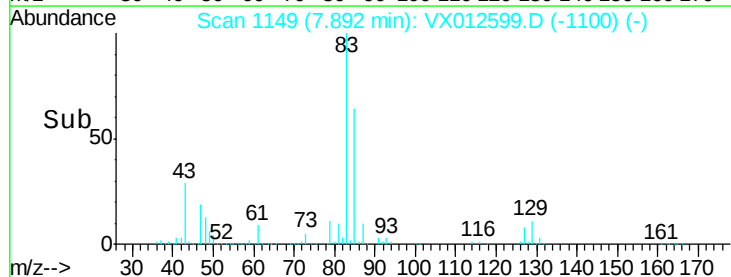
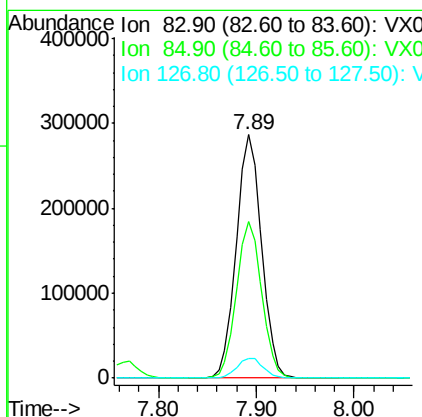
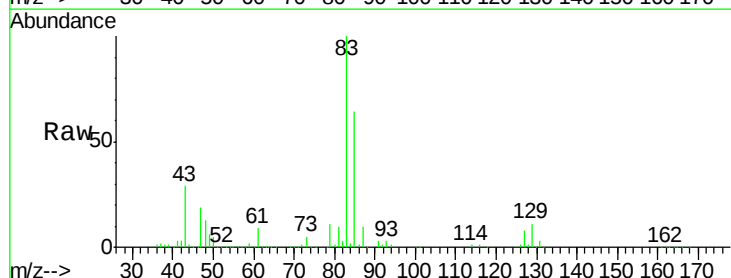
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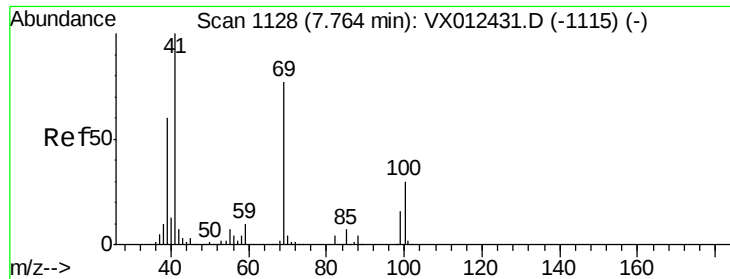
MMDadoda
9/24/2019 10:06:15 AM



#47
Bromodichloromethane
Concen: 182.822 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	514981		
85	64.1	51.8	77.6	
127	8.2	7.3	10.9	





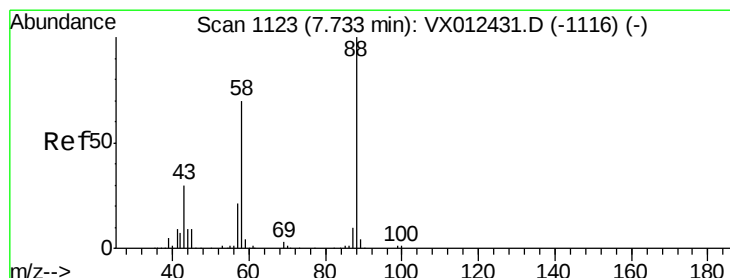
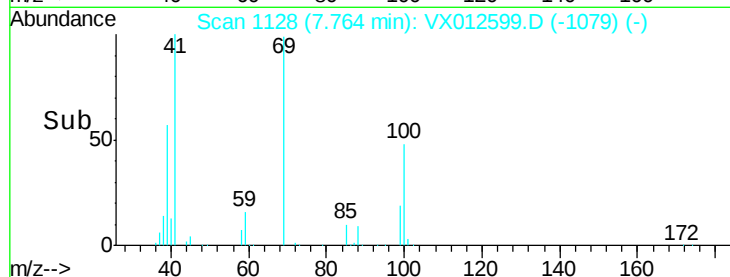
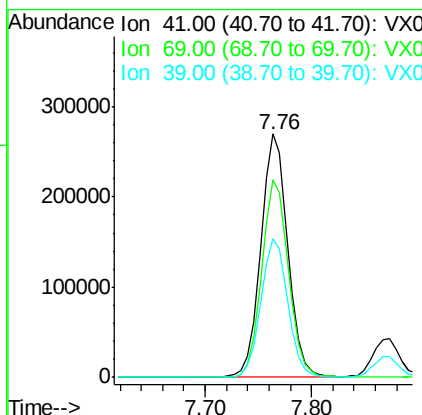
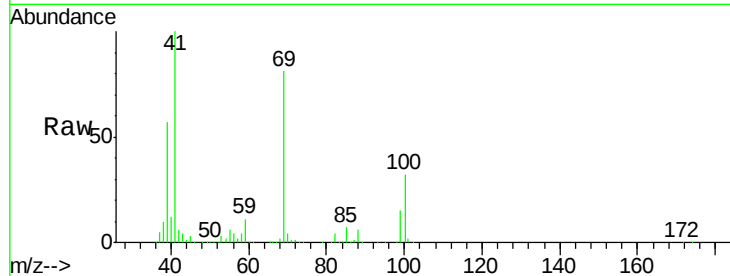
#48
Methvl methacrylate
Concen: 183.712 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
41	100	477422		
69	81.1	59.9	89.9	
39	57.1	47.8	71.6	

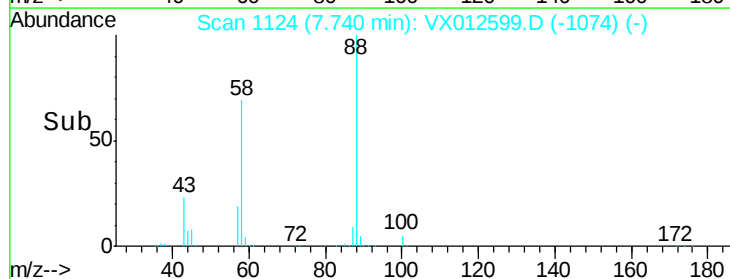
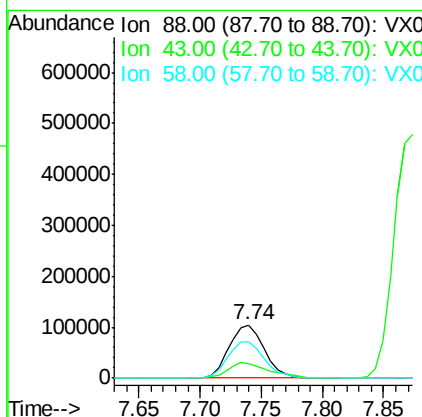
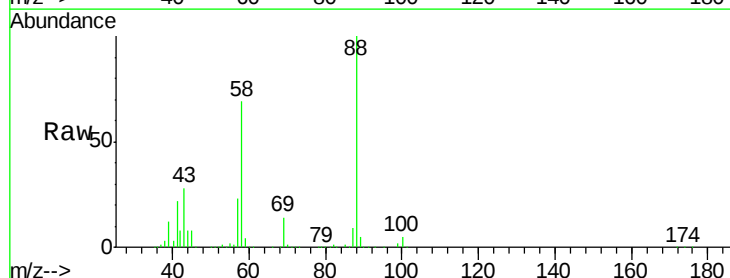
Manual Integrations
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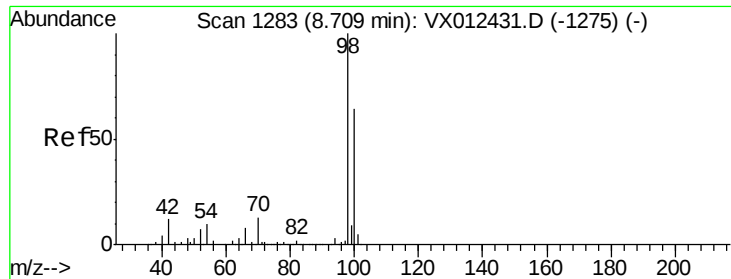
MMDadoda
9/24/2019 10:06:15 AM



#49
1,4-Dioxane
Concen: 3293.115 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	208287		
43	33.3	29.4	44.0	
58	71.4	57.5	86.3	





#50

Toluene-d8

Concen: 159.664 ug/l

RT: 8.71 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 98 Resp: 1177740

Ion Ratio Lower Upper

98 100

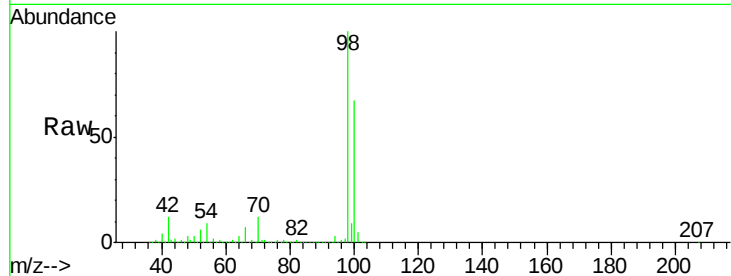
100 66.8 53.4 80.2

Manual Integrations

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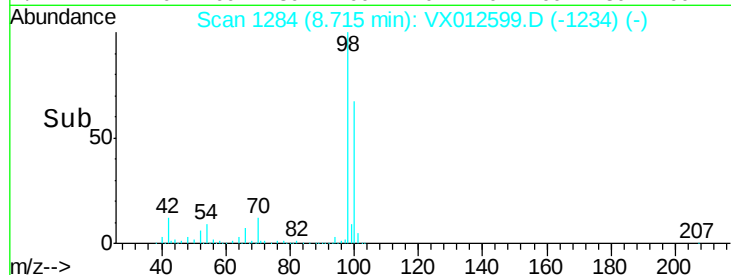


Abundance Ion 98.00 (97.70 to 98.70): VX0

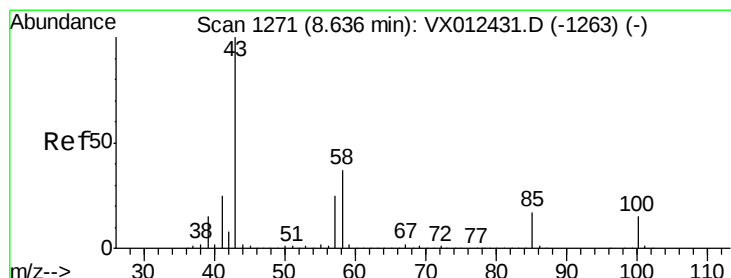
Ion 100.00 (99.70 to 100.70): VX

8.71

8.60 8.80 9.00



Time-->



#51

4-Methyl-2-Pentanone

Concen: 827.809 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX012599.D

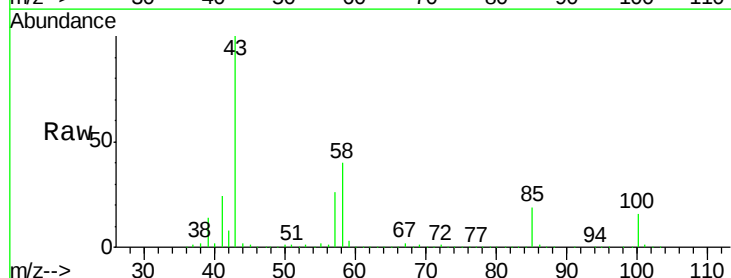
Acq: 23 Sep 2019 12:05

Tgt Ion: 43 Resp: 2992829

Ion Ratio Lower Upper

43 100

58 39.6 29.8 44.6

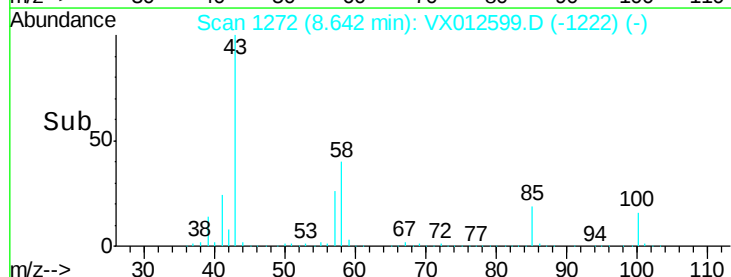


Abundance Ion 43.00 (42.70 to 43.70): VX0

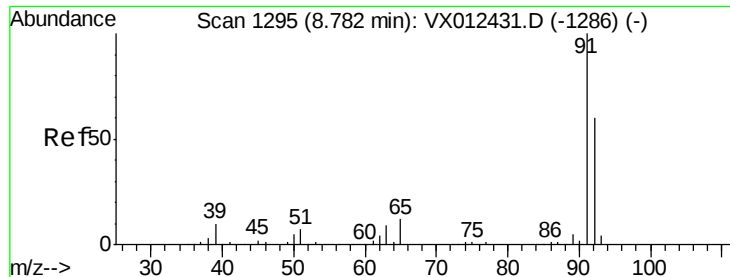
Ion 58.00 (57.70 to 58.70): VX0

8.64

8.55 8.60 8.65 8.70



Time-->



#52

Toluene

Concen: 217.493 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 92 Resp: 891787

Ion Ratio Lower Upper

92 100

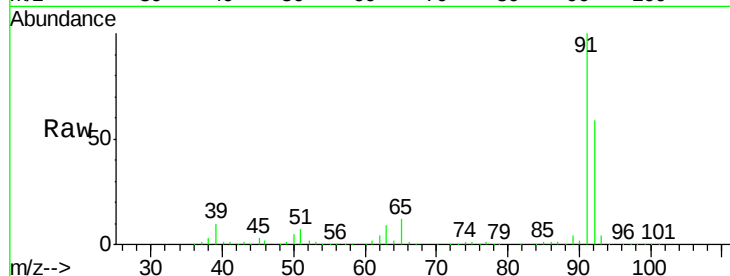
91 168.4 135.4 203.0

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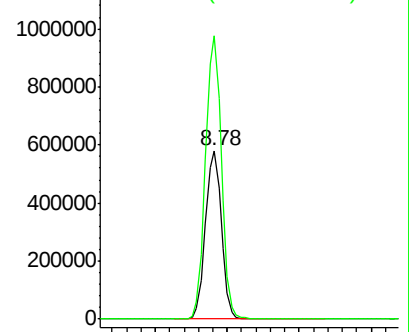
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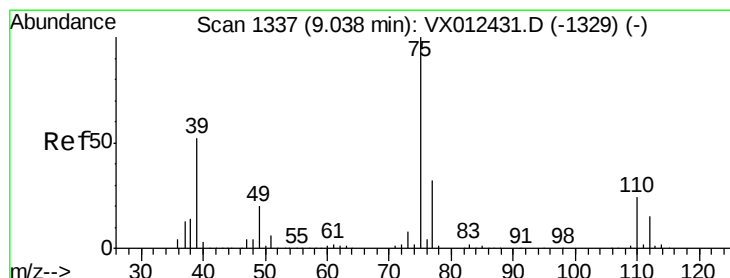
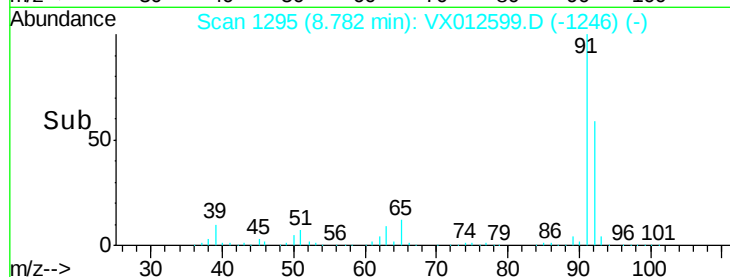


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#53

t-1,3-Dichloropropene

Concen: 207.242 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012599.D

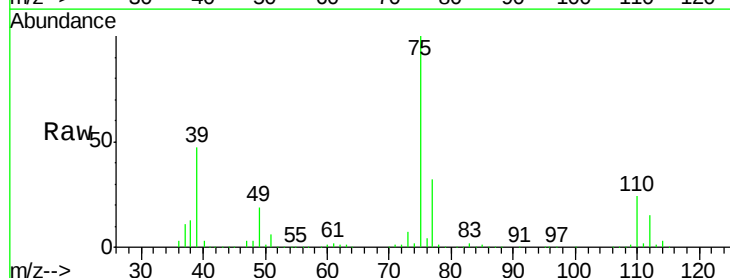
Acq: 23 Sep 2019 12:05

Tgt Ion: 75 Resp: 606827

Ion Ratio Lower Upper

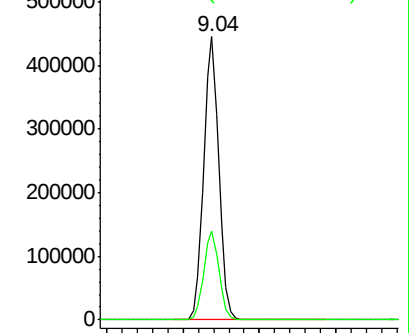
75 100

77 31.6 25.2 37.8

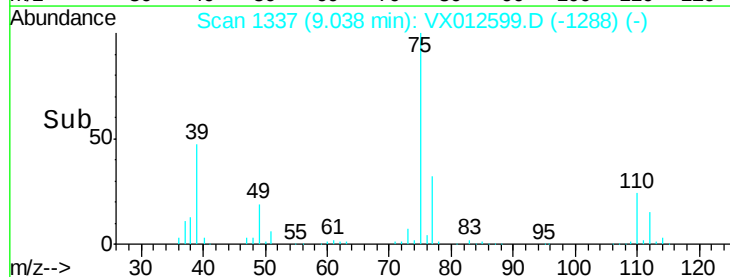


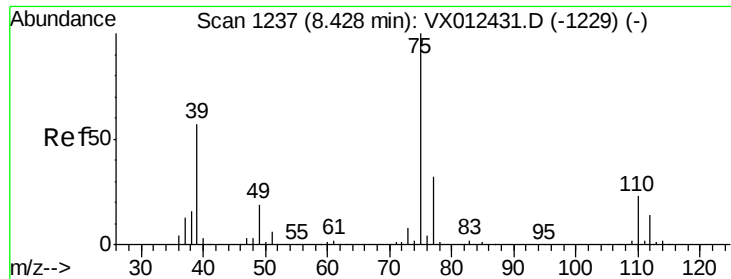
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->





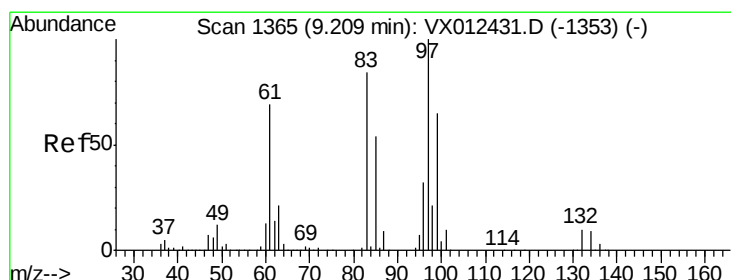
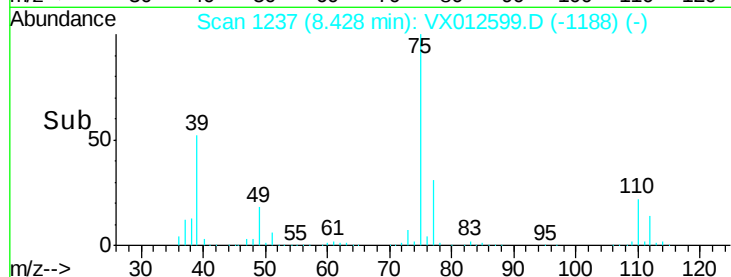
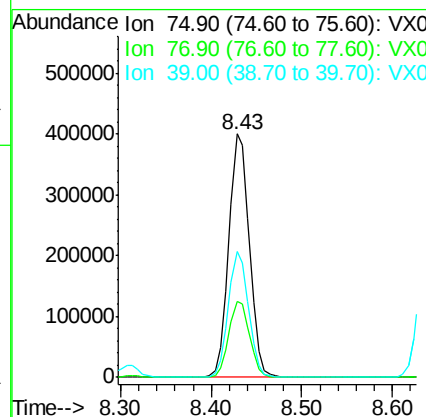
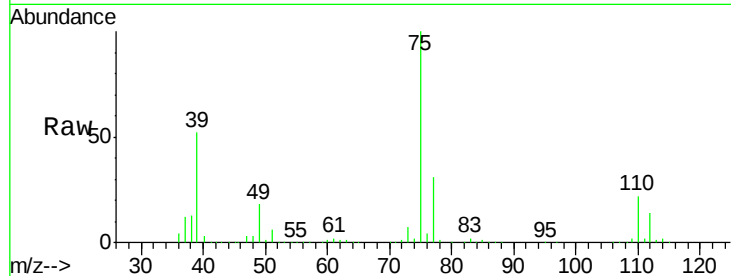
#54
 cis-1,3-Dichloropropene
 Concen: 208.075 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.8	38.8
39	51.6	45.5	68.3

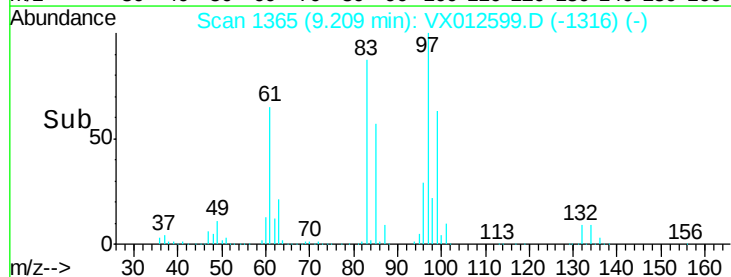
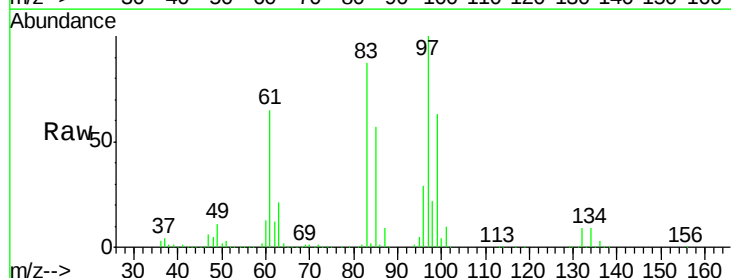
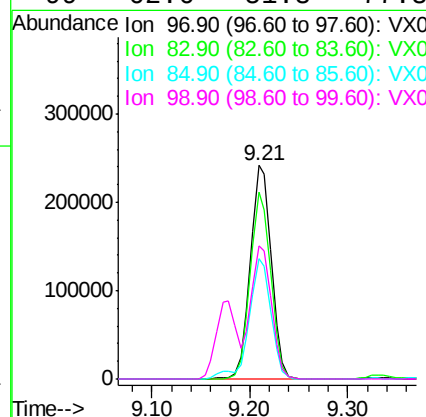
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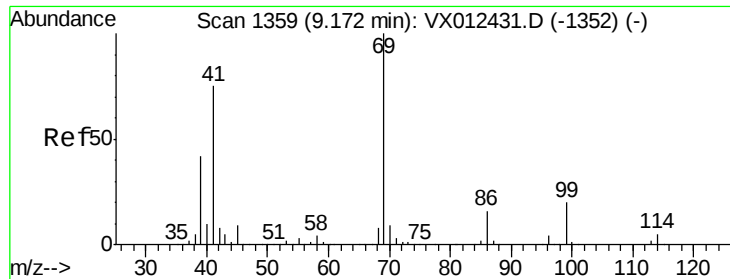
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 9/24/2019 10:06:15 AM



#55
 1,1,2-Trichloroethane
 Concen: 171.069 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.4	101.2
85	56.6	43.5	65.3
99	62.6	51.8	77.8





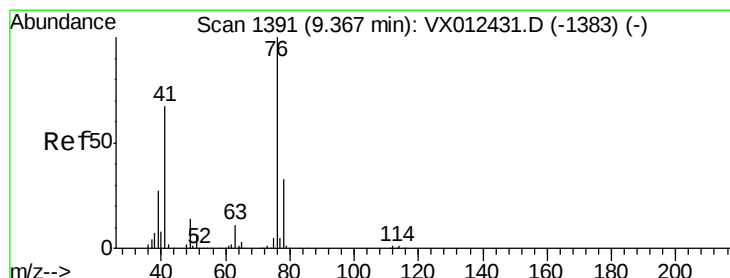
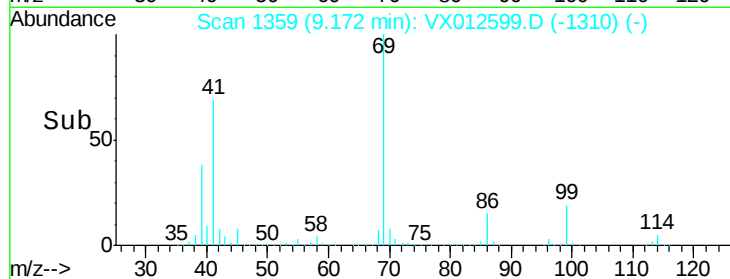
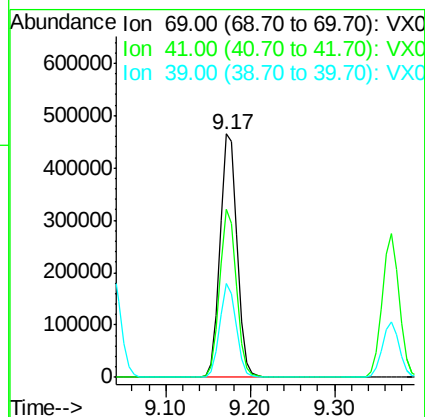
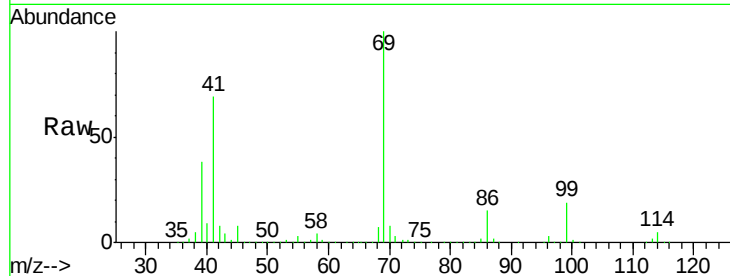
#56
Ethyl methacrylate
Concen: 198.402 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
69	100		
41	67.8	58.4	87.6
39	37.5	33.4	50.0

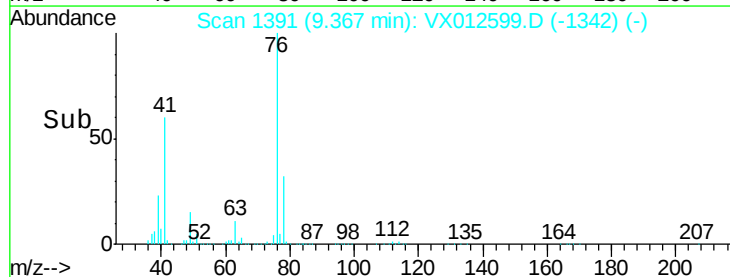
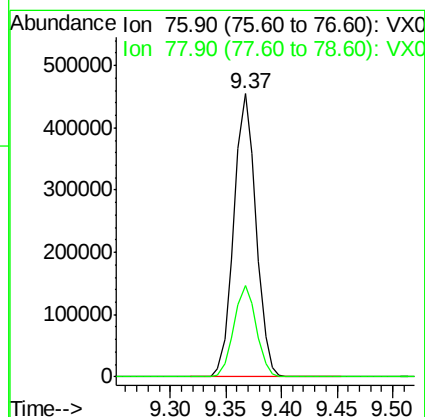
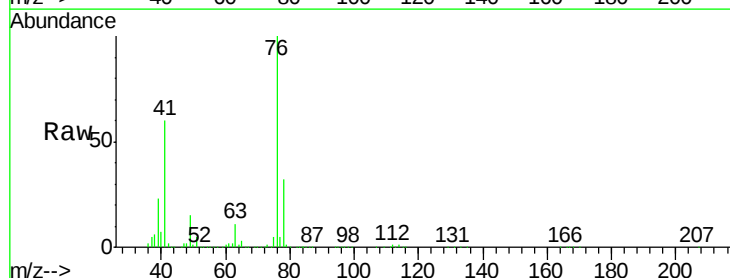
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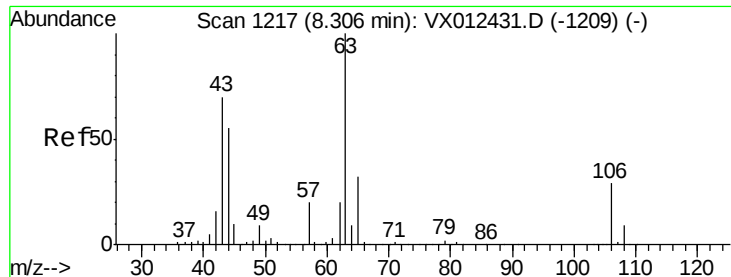
MMDadoda
9/24/2019 10:06:15 AM



#57
1,3-Dichloropropane
Concen: 186.611 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.2





#58

2-Chloroethyl Vinyl ether

Concen: 842.590 ug/l

RT: 8.31 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 63 Resp: 1440540

Ion Ratio Lower Upper

63 100

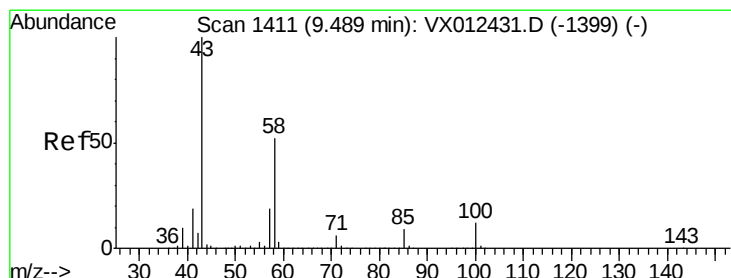
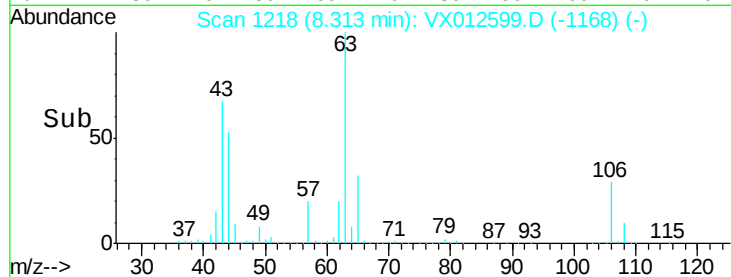
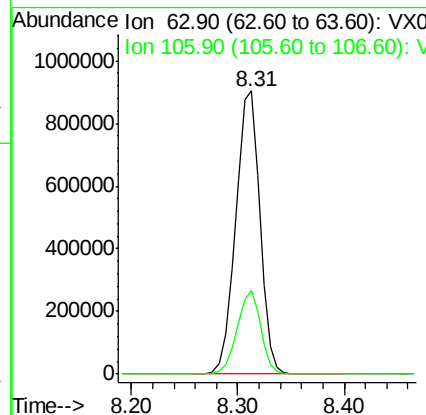
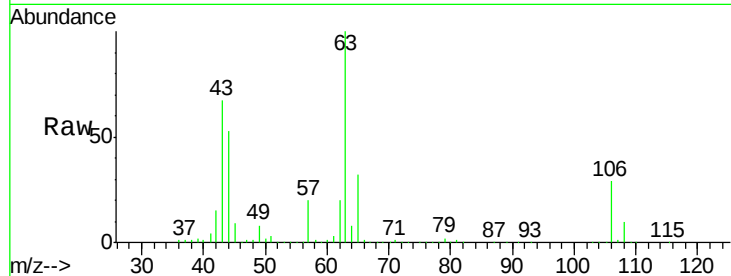
106 28.9 23.8 35.6

Manual Integrations

APPROVED

MMDadoda

9/24/2019 10:06:15 AM



#59

2-Hexanone

Concen: 814.135 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX012599.D

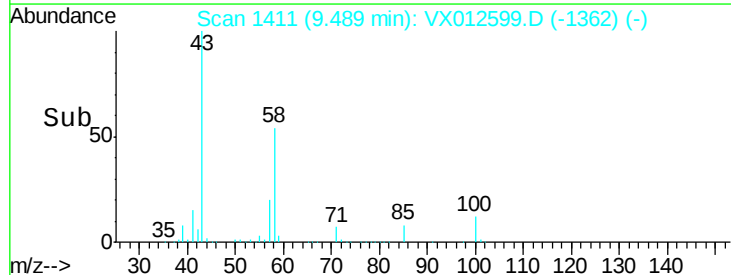
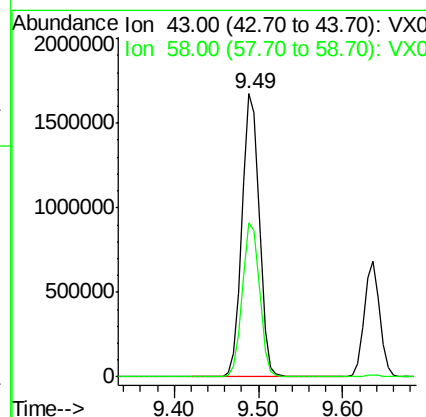
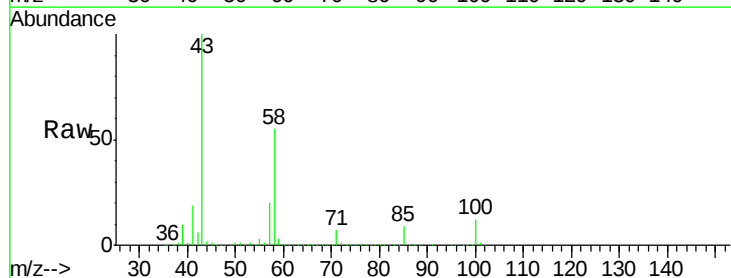
Acq: 23 Sep 2019 12:05

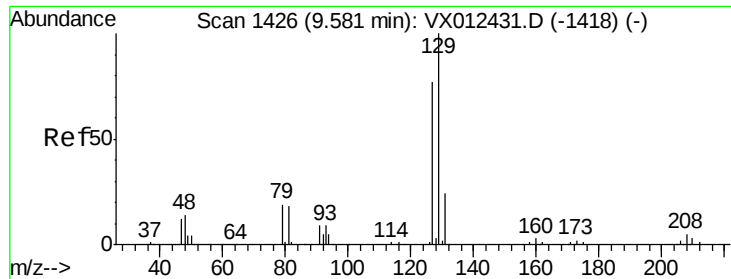
Tgt Ion: 43 Resp: 2296333

Ion Ratio Lower Upper

43 100

58 54.5 25.7 77.1





#60

Dibromochloromethane

Concen: 187.745 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 403980

Ion Ratio Lower Upper

129 100

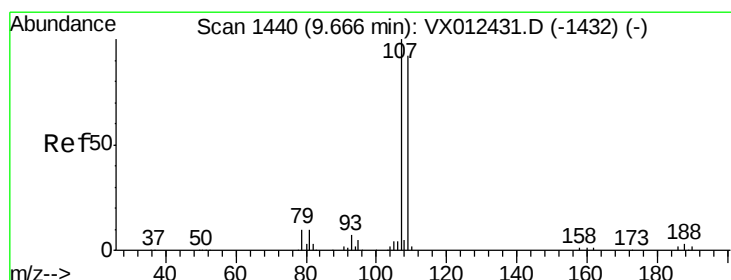
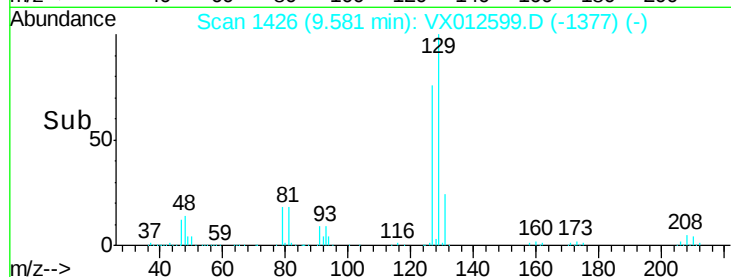
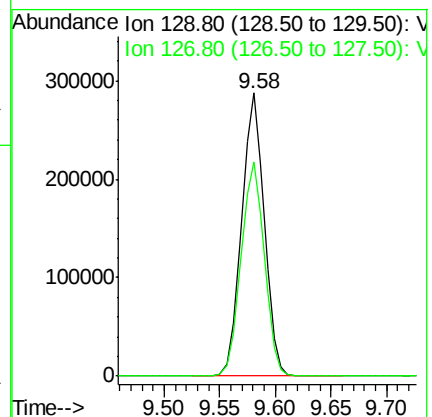
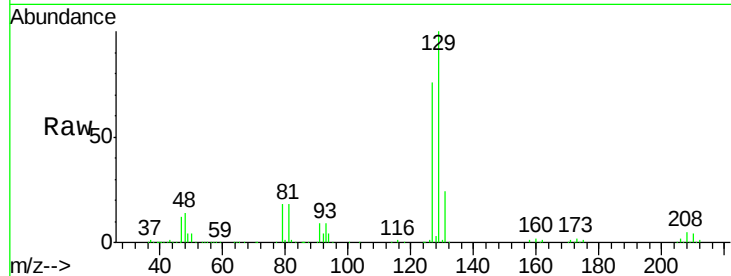
127 77.7 38.9 116.6

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 199.561 ug/l

RT: 9.67 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VX012599.D

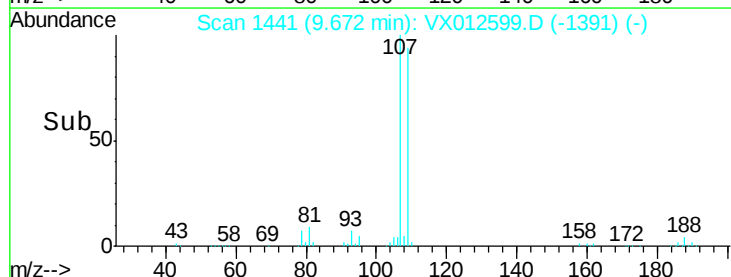
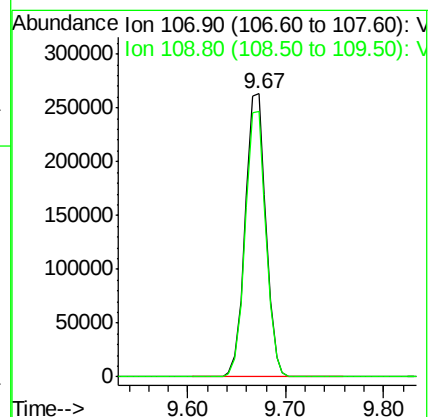
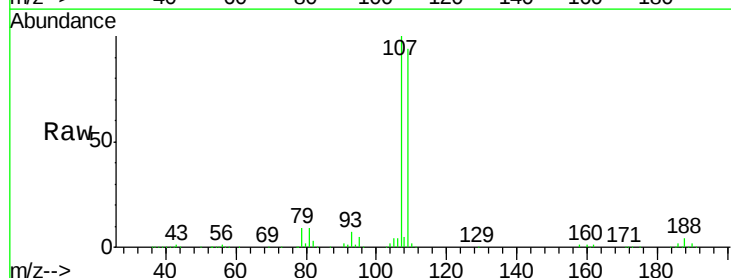
Acq: 23 Sep 2019 12:05

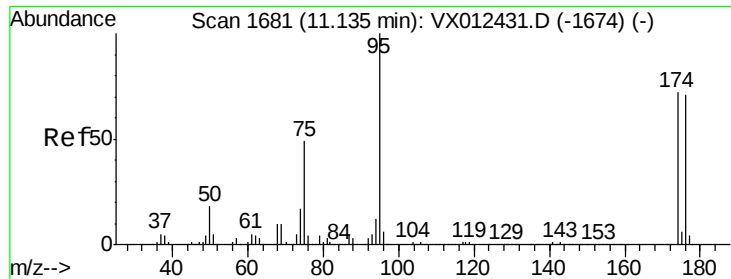
Tgt Ion:107 Resp: 385013

Ion Ratio Lower Upper

107 100

109 94.1 74.7 112.1





#62

4-Bromofluorobenzene

Concen: 158.834 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 95 Resp: 486465

Ion Ratio Lower Upper

95 100

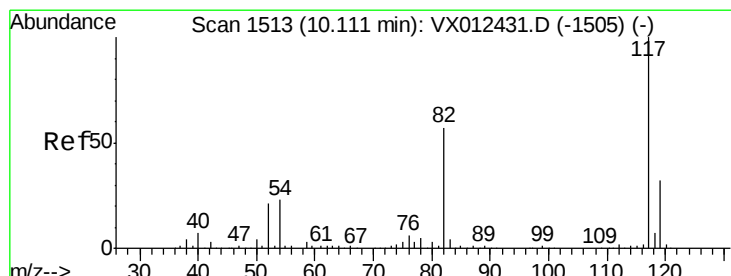
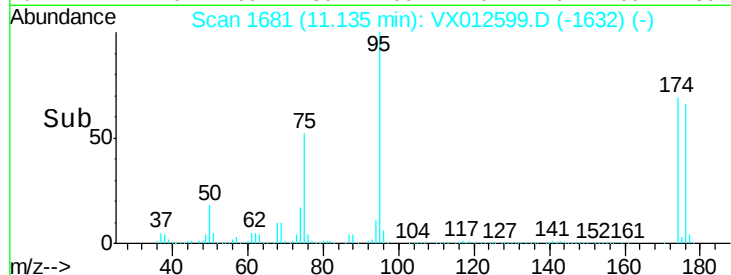
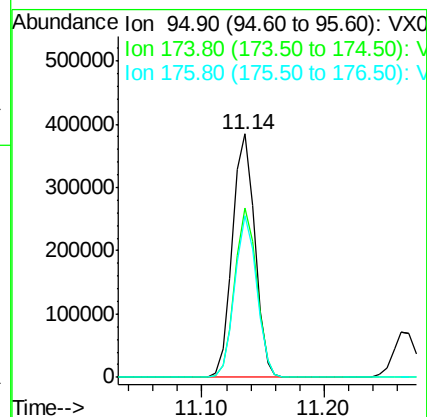
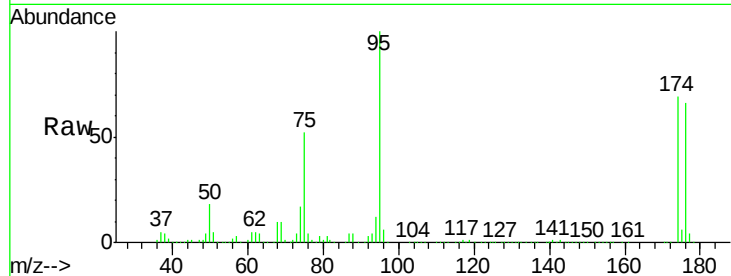
174 68.1 0.0 140.0

176 65.1 0.0 135.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

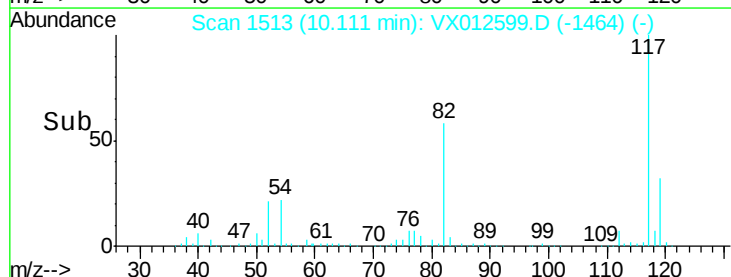
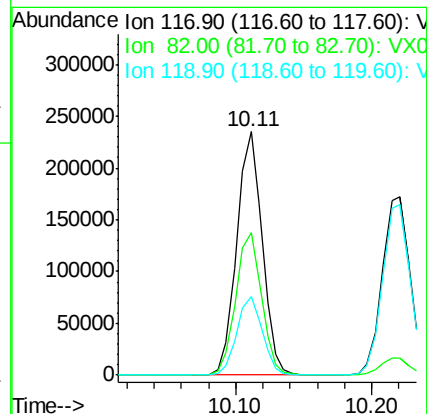
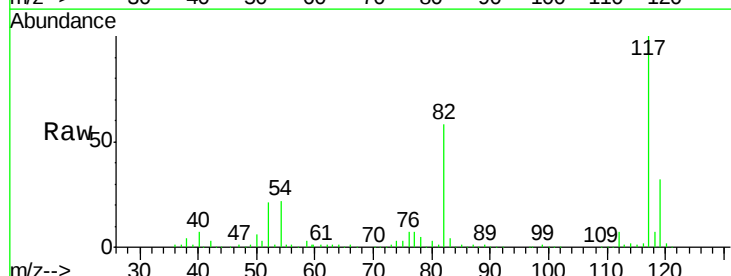
Tgt Ion: 117 Resp: 306579

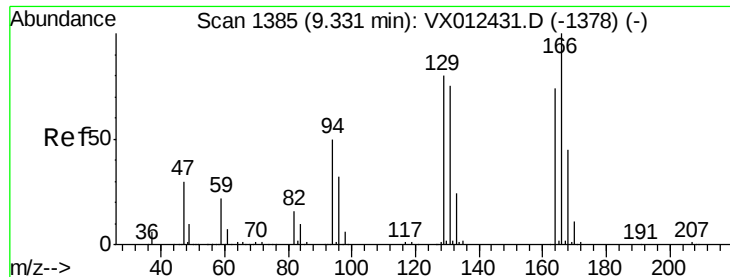
Ion Ratio Lower Upper

117 100

82 58.4 45.9 68.9

119 32.3 25.3 37.9





#64

Tetrachloroethene

Concen: 210.942 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 296344

Ion Ratio Lower Upper

164 100

166 124.5 107.8 161.6

129 103.9 86.2 129.2

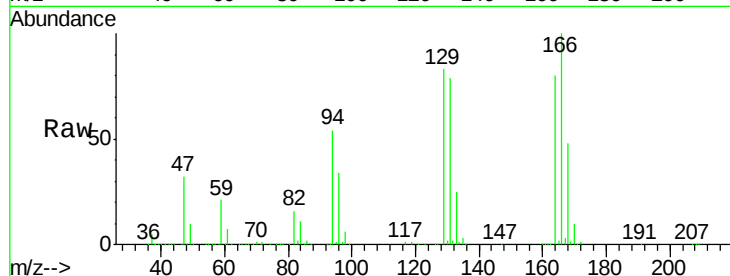
131 98.3 80.4 120.6

Manual Integrations

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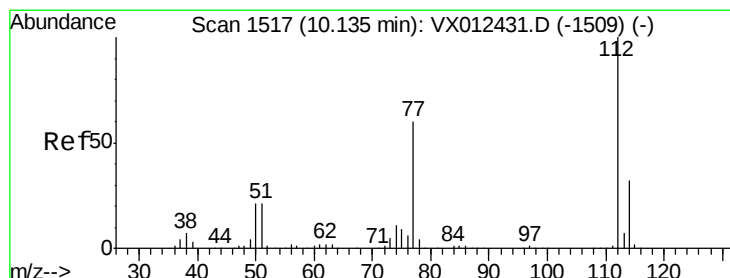
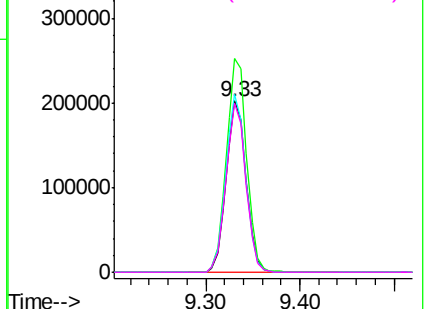
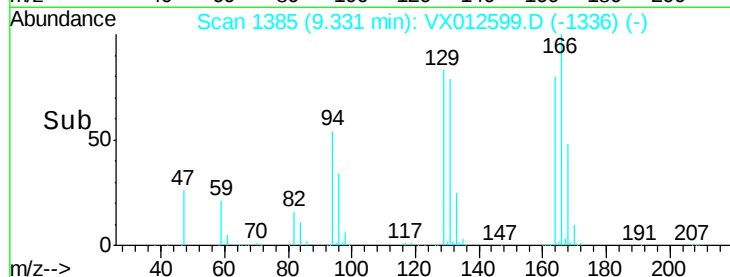


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 190.819 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012599.D

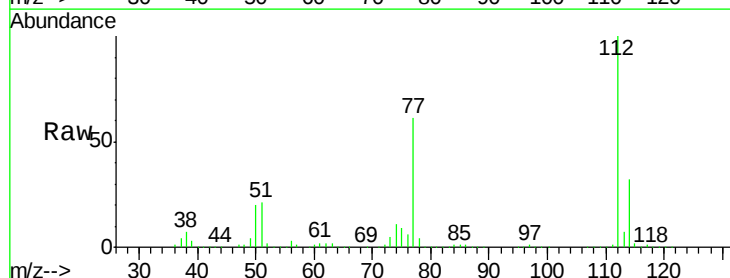
Acq: 23 Sep 2019 12:05

Tgt Ion:112 Resp: 965556

Ion Ratio Lower Upper

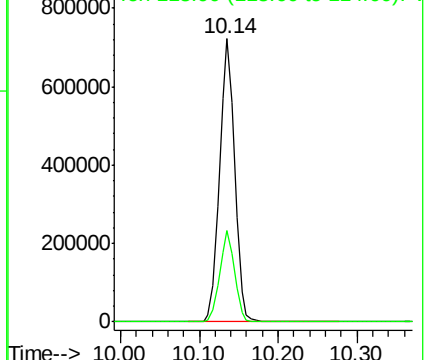
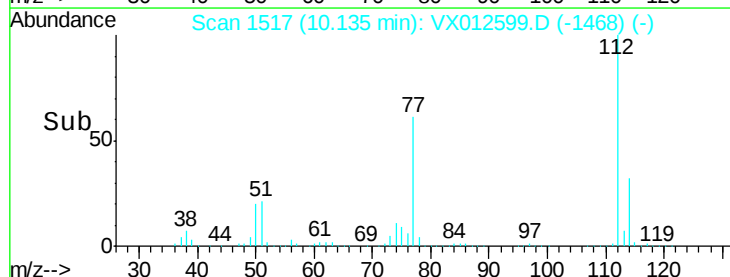
112 100

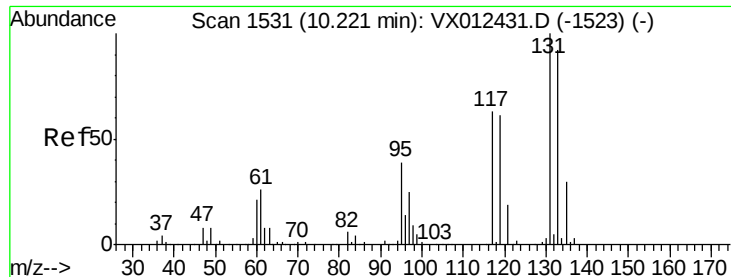
114 32.5 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 174.252 ug/l

RT: 10.22 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:131 Resp: 365938

Ion Ratio Lower Upper

131 100

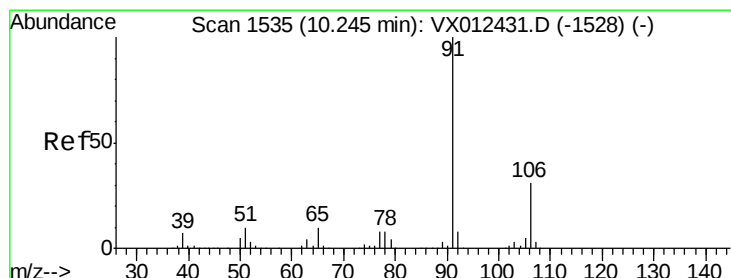
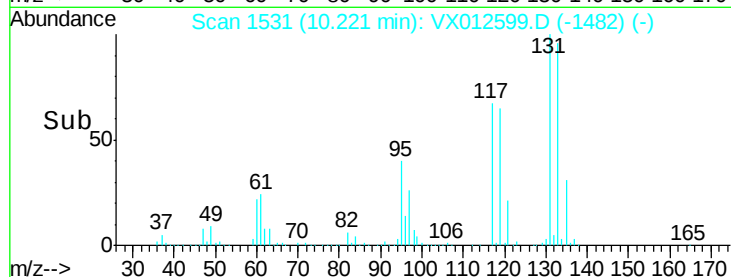
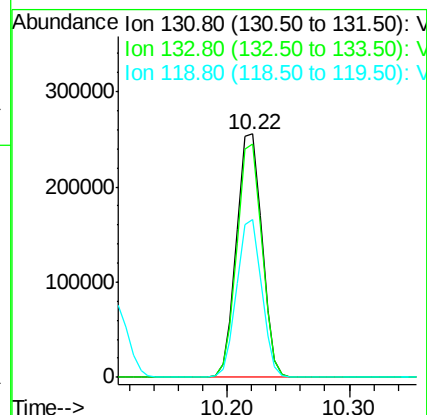
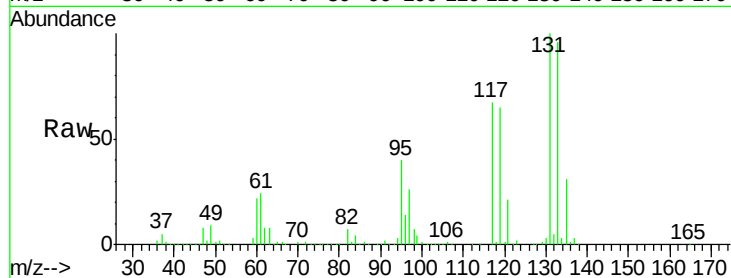
133 94.5 47.6 142.9

119 63.6 31.3 93.8

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#67

Ethyl Benzene

Concen: 203.714 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX012599.D

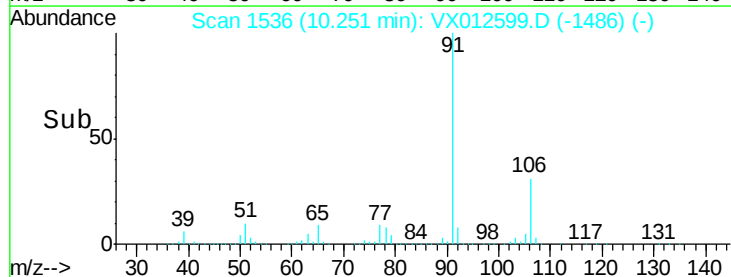
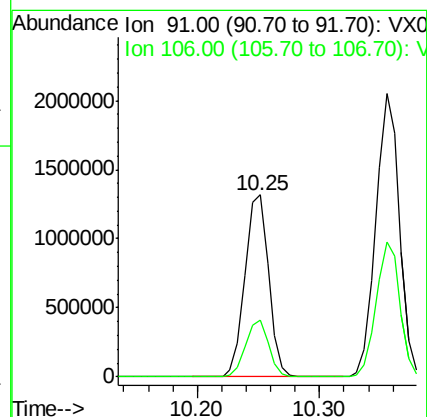
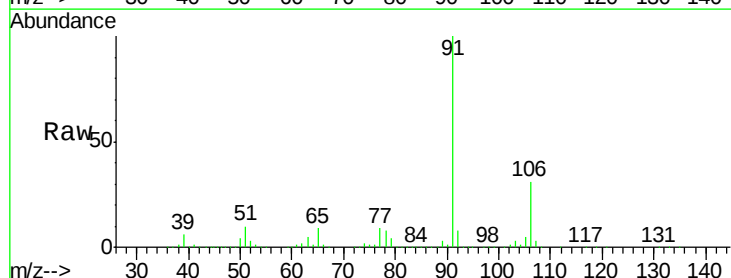
Acq: 23 Sep 2019 12:05

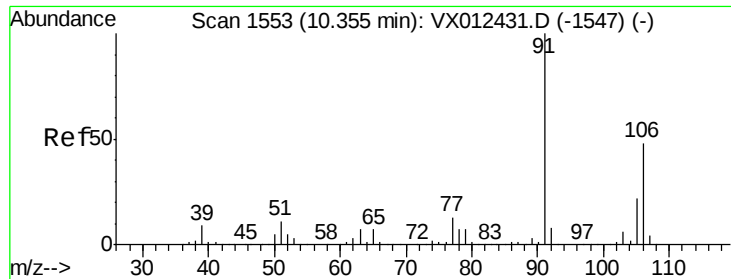
Tgt Ion: 91 Resp: 1770989

Ion Ratio Lower Upper

91 100

106 31.2 24.6 37.0





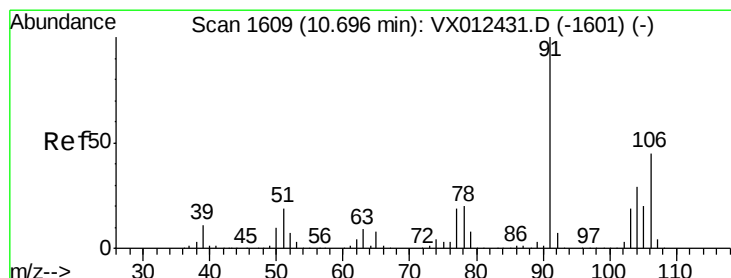
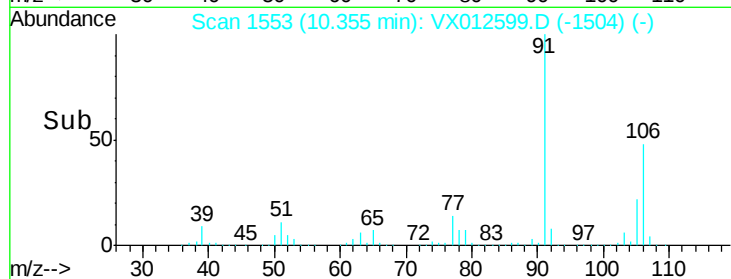
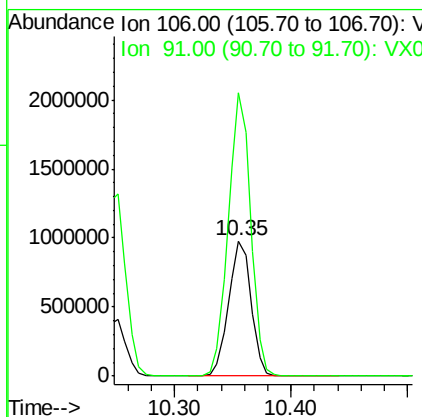
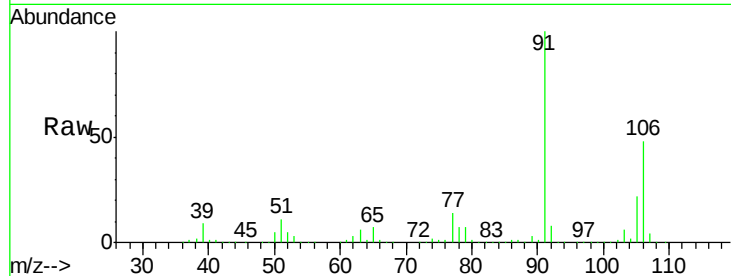
#68
m/p-Xvlenes
Concen: 416.980 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 1318962
Ion Ratio Lower Upper
106 100
91 208.0 166.6 250.0

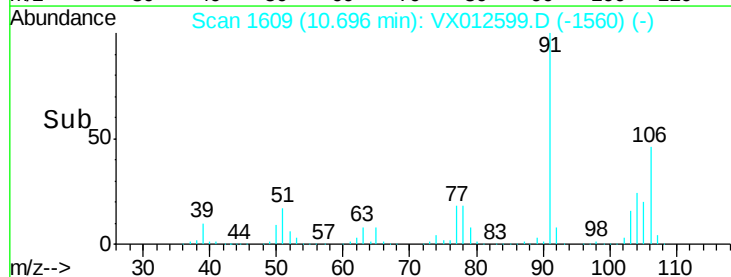
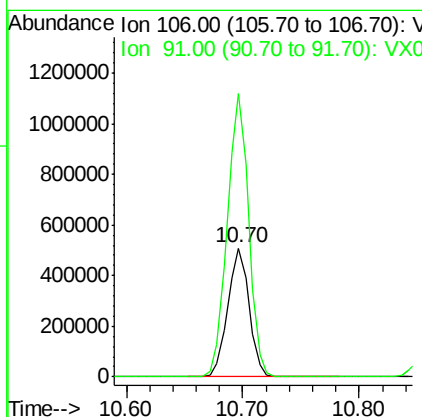
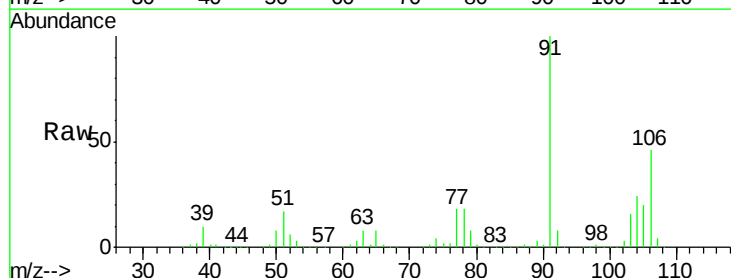
Manual Integrations
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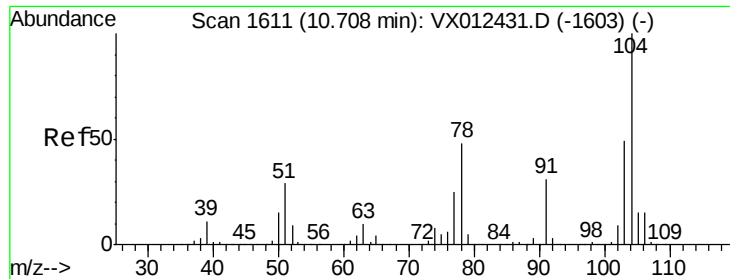
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#69
o-Xylene
Concen: 198.995 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion:106 Resp: 647330
Ion Ratio Lower Upper
106 100
91 219.3 109.4 328.2





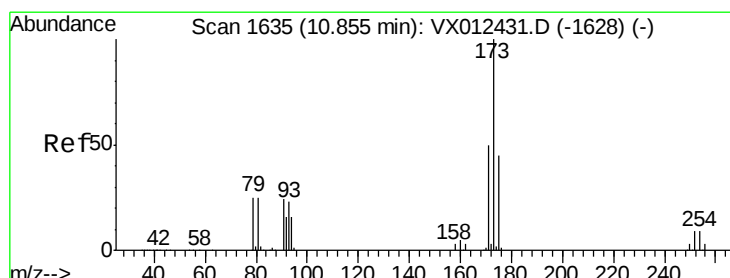
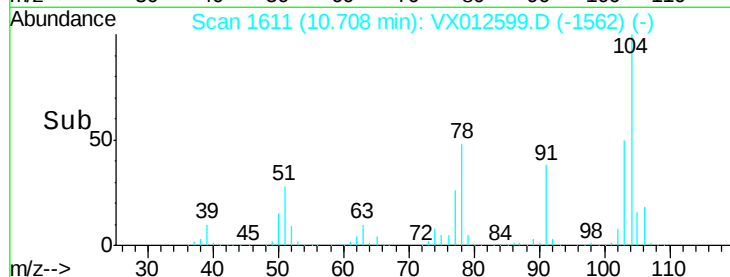
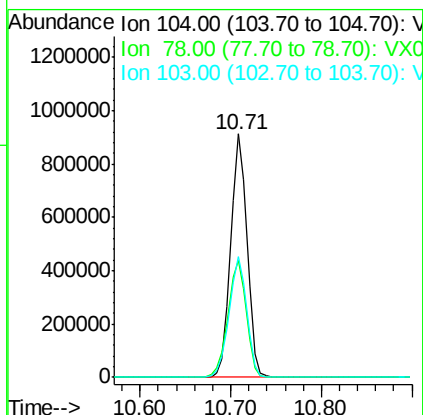
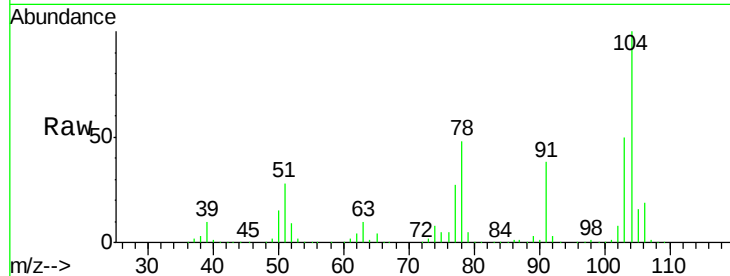
#70
Stvrene
Concen: 199.198 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:104 Resp: 1146493
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.2
103 53.6 43.3 64.9

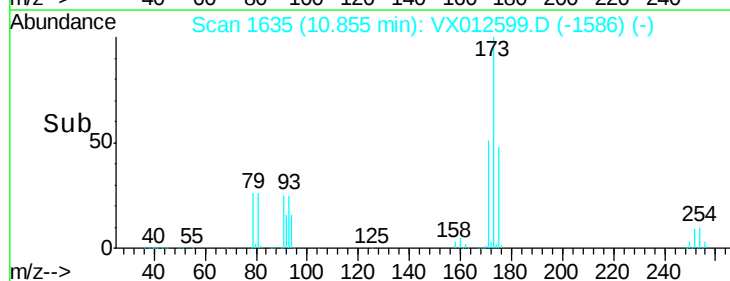
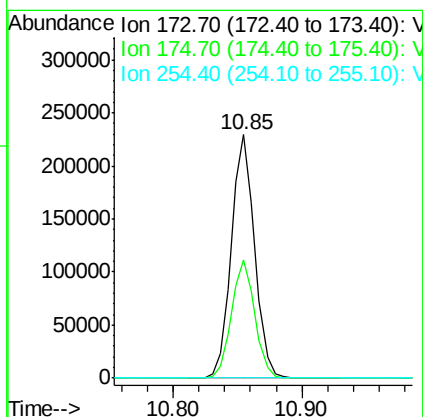
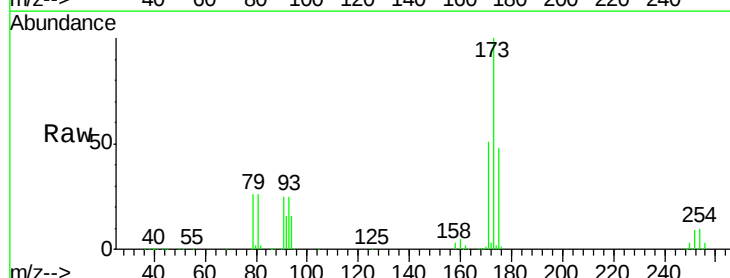
Manual Integrations
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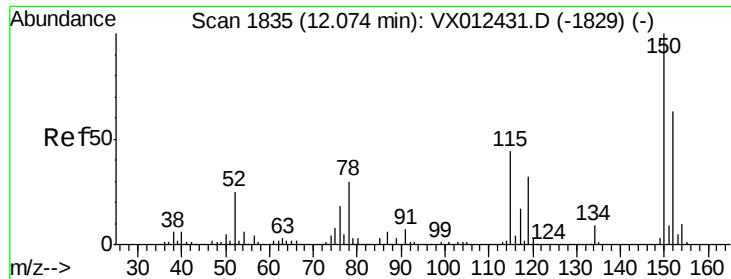
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#71
Bromoform
Concen: 184.489 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion:173 Resp: 289768
Ion Ratio Lower Upper
173 100
175 48.5 23.7 71.1
254 0.1 0.1 0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:152 Resp: 145203

Ion Ratio Lower Upper

152 100

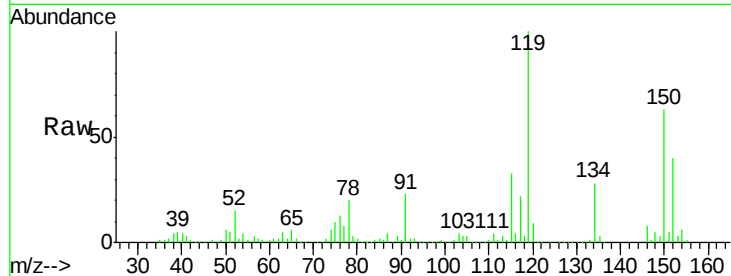
115 143.3 44.1 132.3#

150 204.6 0.0 343.8

Manual Integrations
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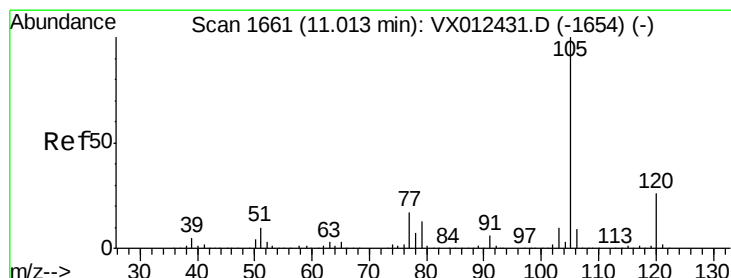
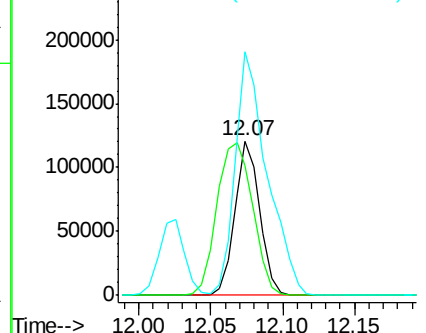
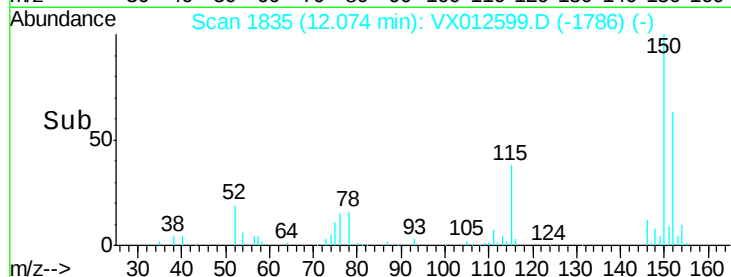
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 188.618 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012599.D

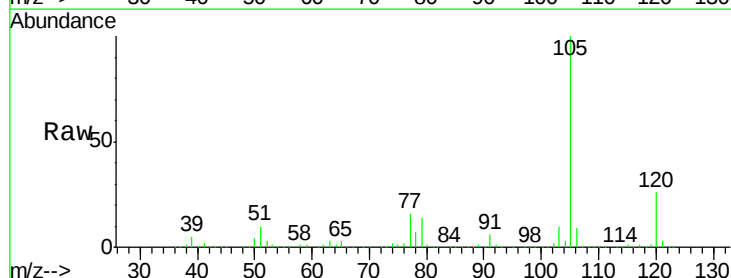
Acq: 23 Sep 2019 12:05

Tgt Ion:105 Resp: 1718426

Ion Ratio Lower Upper

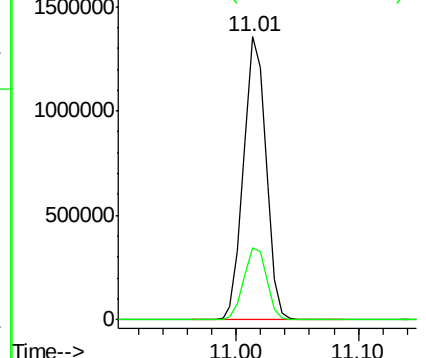
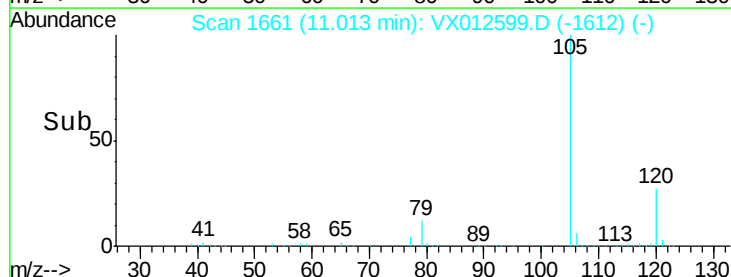
105 100

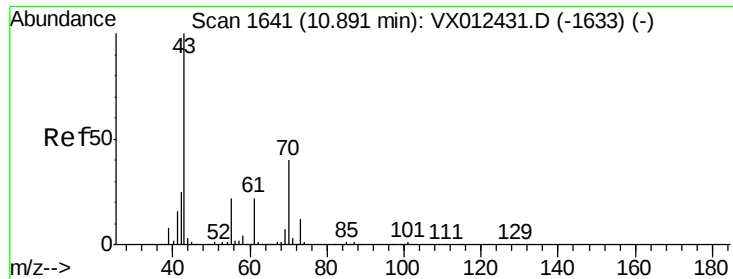
120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 175.729 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

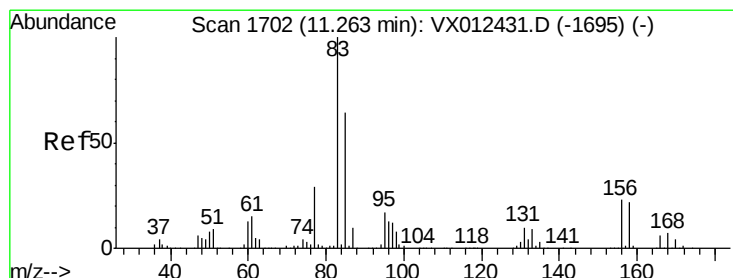
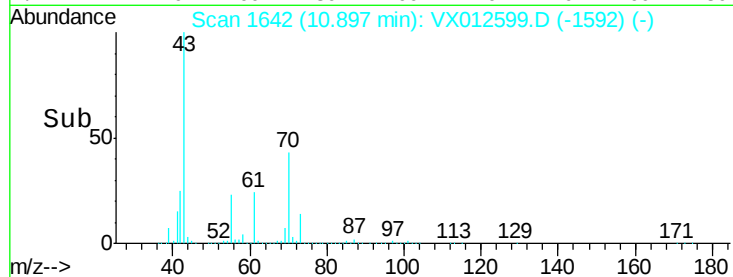
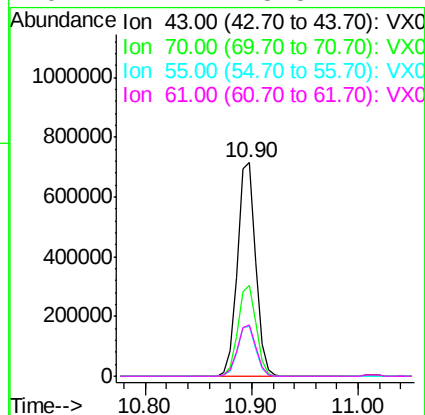
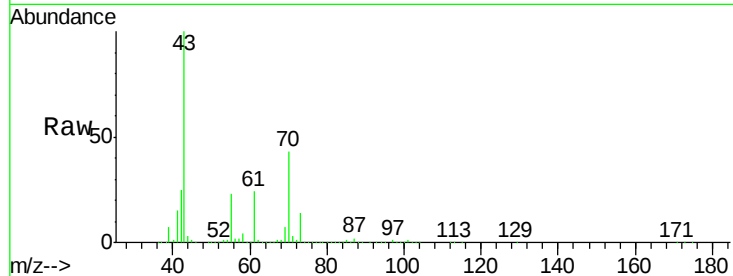
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		861954		
70	42.6	32.4	48.6		
55	23.6	18.2	27.4		
61	24.4	18.5	27.7		

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#75

1,1,2,2-Tetrachloroethane

Concen: 160.779 ug/l

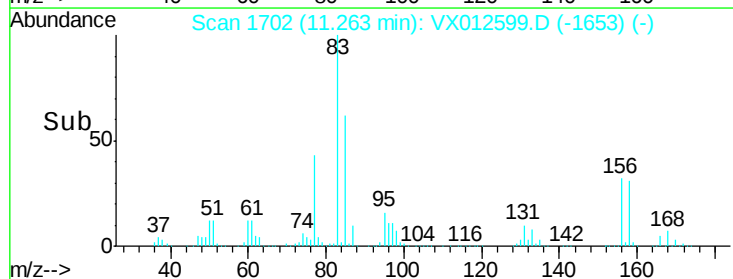
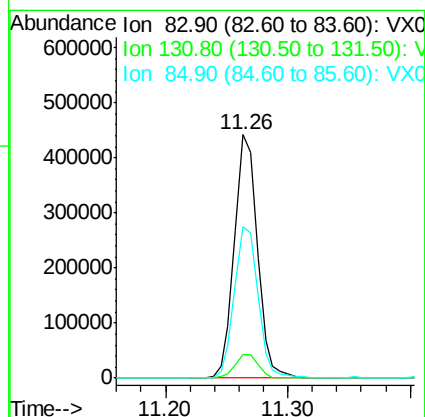
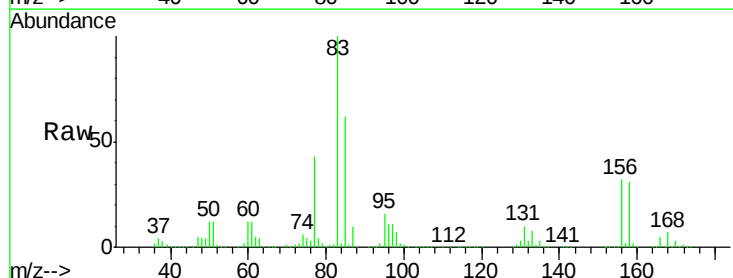
RT: 11.26 min Scan# 1702

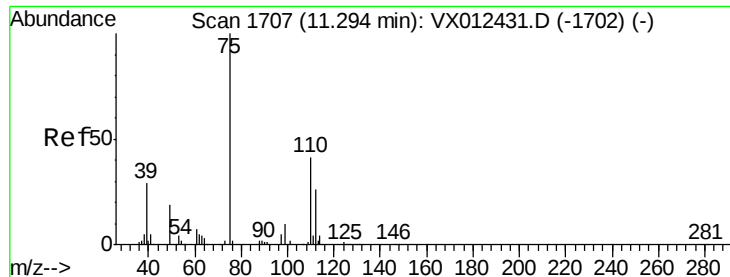
Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		574603		
131	9.9	5.2	15.6		
85	64.2	32.0	96.0		





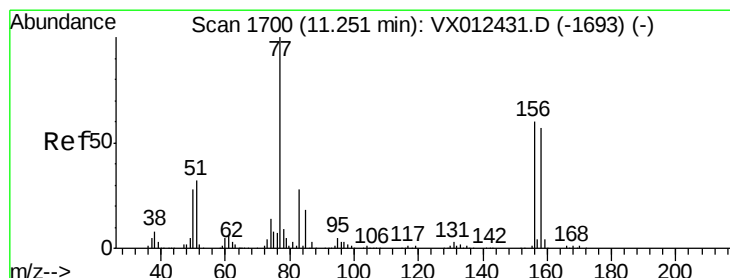
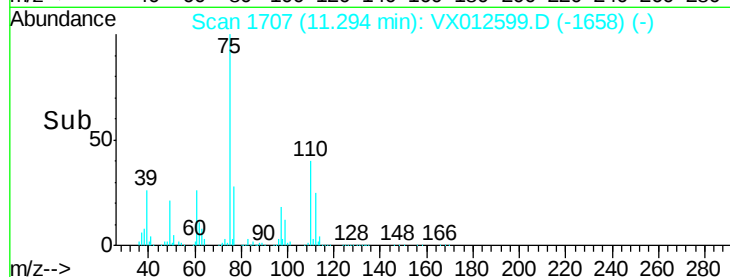
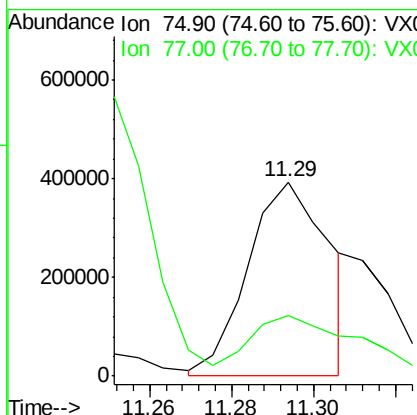
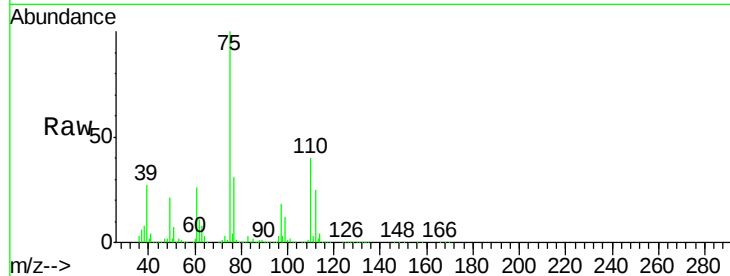
#76
 1,2,3-Trichloropropane
 Concen: 162.318 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 541401
 Ion Ratio Lower Upper
 75 100
 77 41.9 19.7 59.0

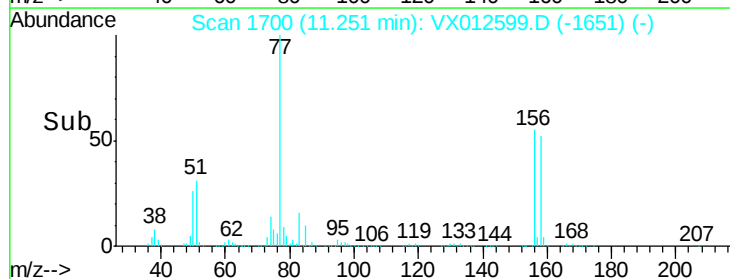
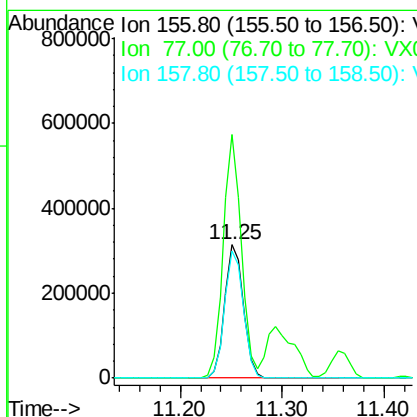
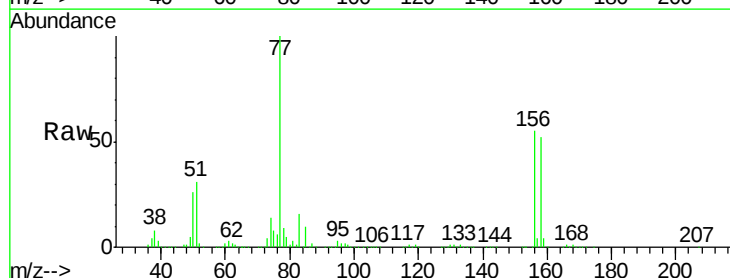
Manual Integrations
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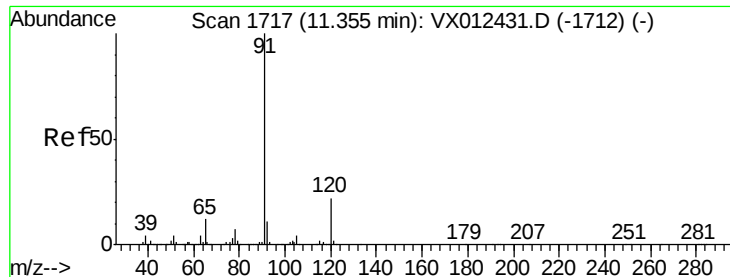
MMDadoda
 9/24/2019 10:06:15 AM



#77
 Bromobenzene
 Concen: 179.871 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion: 156 Resp: 399659
 Ion Ratio Lower Upper
 156 100
 77 177.6 87.3 261.8
 158 95.8 48.5 145.6





#78

n-propylbenzene

Concen: 194.993 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1979993

Ion Ratio Lower Upper

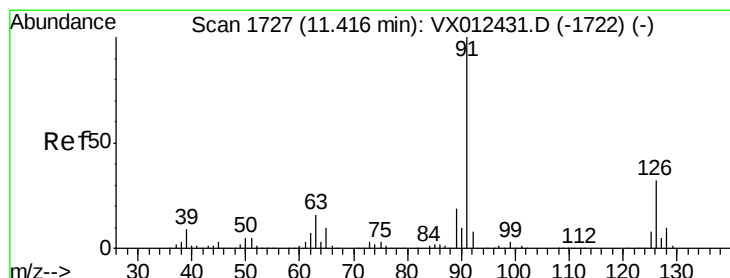
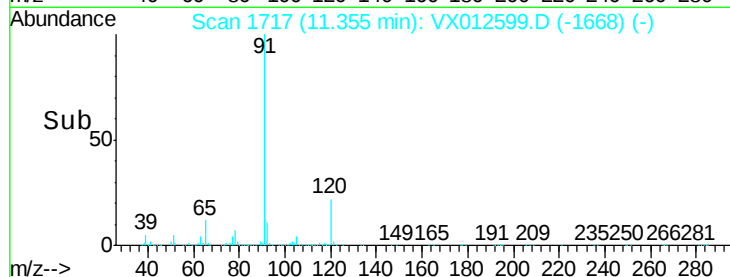
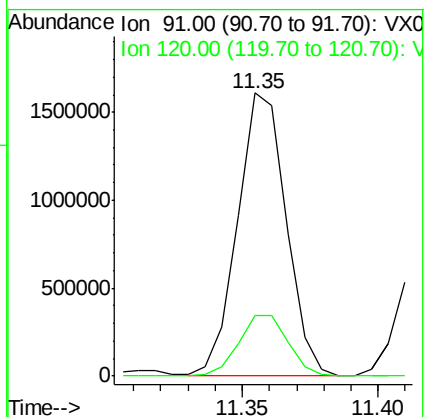
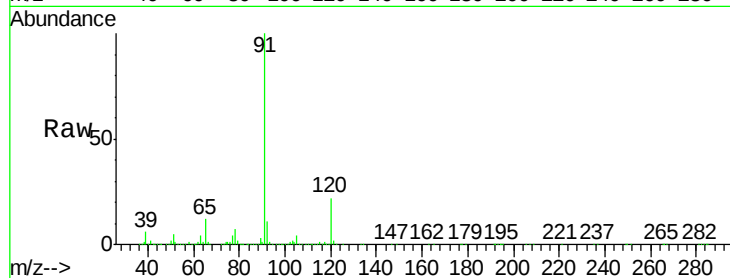
91 100

120 22.3 11.3 33.8

Manual Integrations
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#79

2-Chlorotoluene

Concen: 180.444 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012599.D

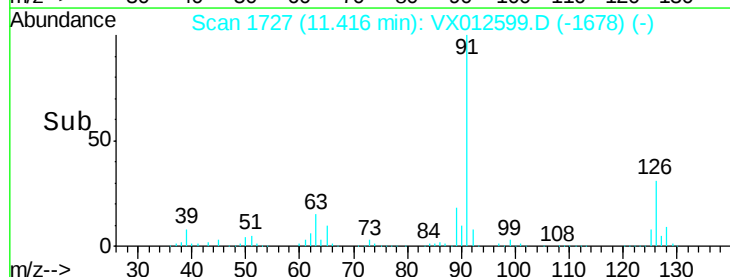
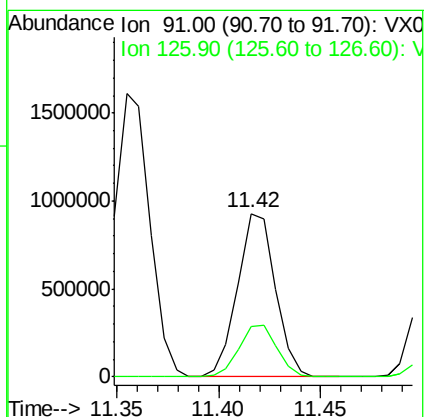
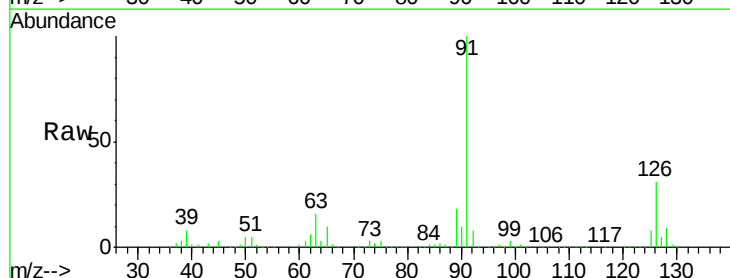
Acq: 23 Sep 2019 12:05

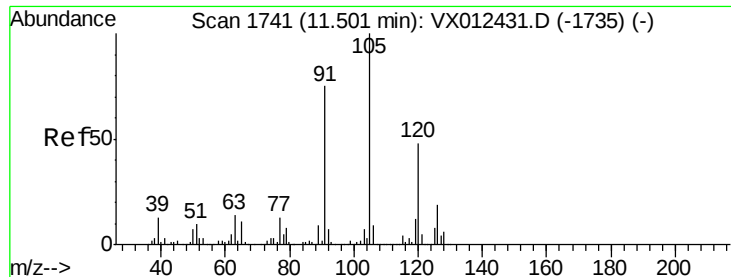
Tgt Ion: 91 Resp: 1191993

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.4





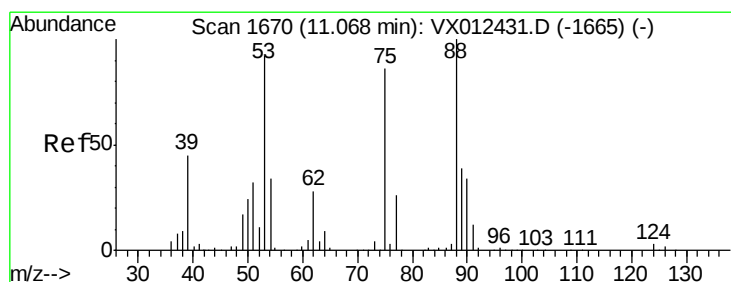
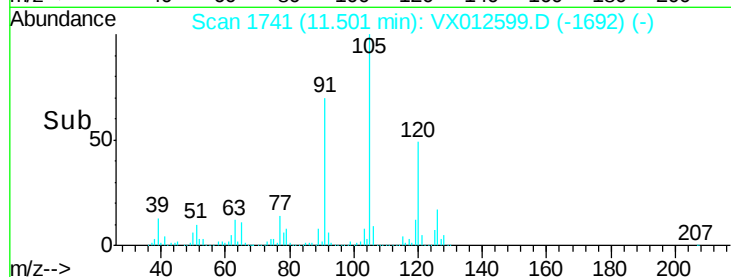
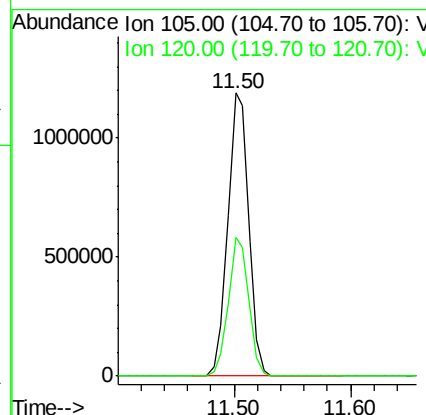
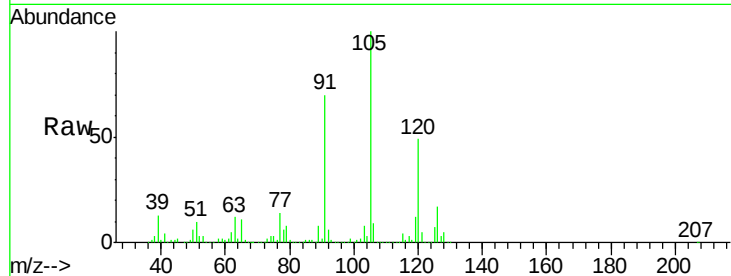
#80
1,3,5-Trimethylbenzene
Concen: 188.270 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion:105 Resp: 1462839
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8

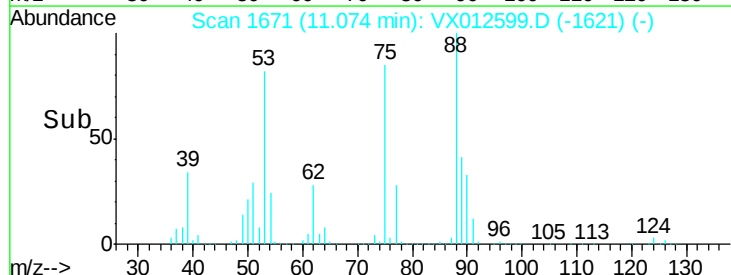
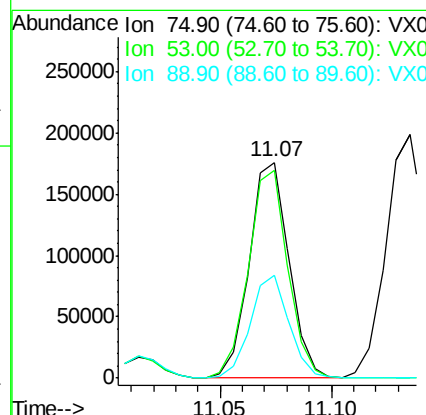
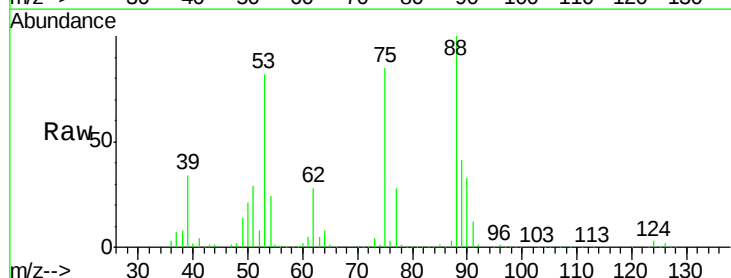
Manual Integrations
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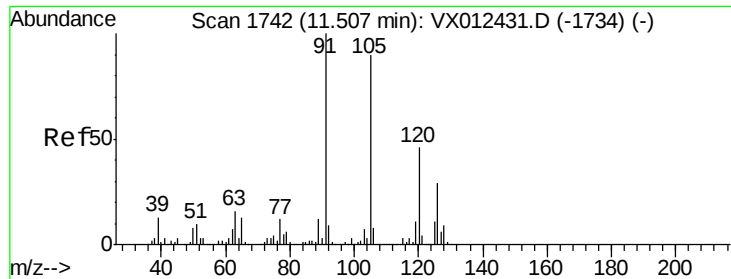
MMDadoda
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#81
trans-1,4-Dichloro-2-butene
Concen: 194.691 ug/l
RT: 11.07 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion: 75 Resp: 218648
Ion Ratio Lower Upper
75 100
53 96.3 83.6 125.4
89 46.7 36.3 54.5





#82

4-Chlorotoluene

Concen: 185.578 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1406964

Ion Ratio Lower Upper

91 100

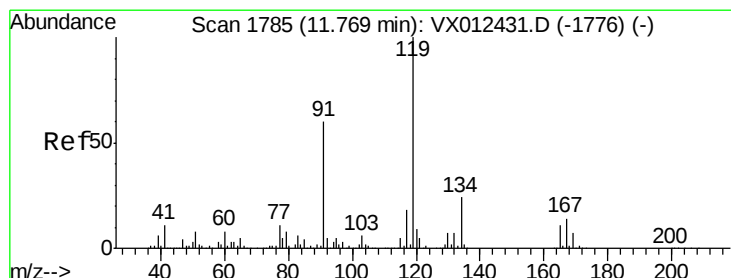
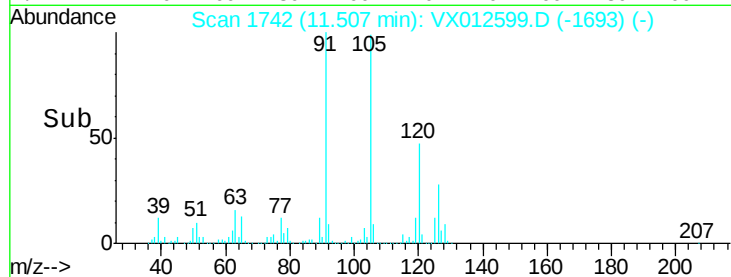
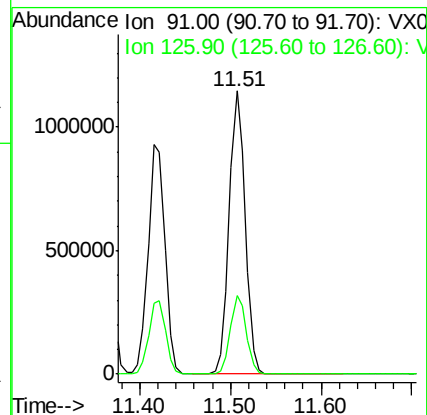
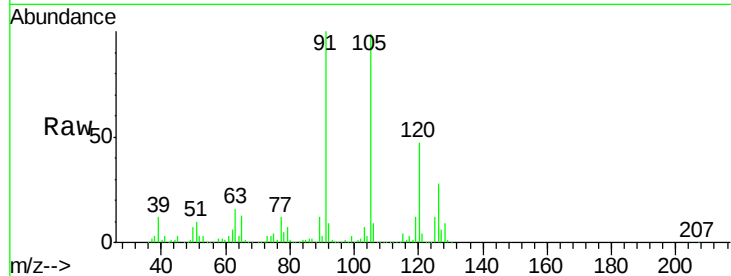
126 27.6 14.4 43.0

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#83

tert-Butylbenzene

Concen: 171.496 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

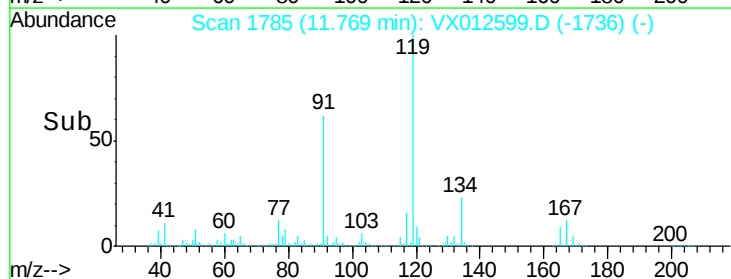
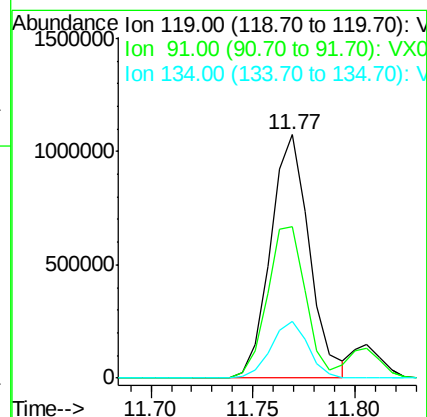
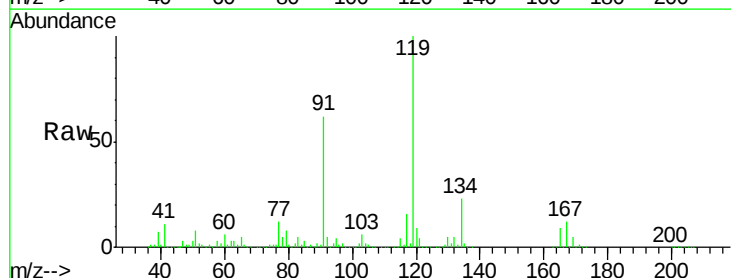
Tgt Ion: 119 Resp: 1427841

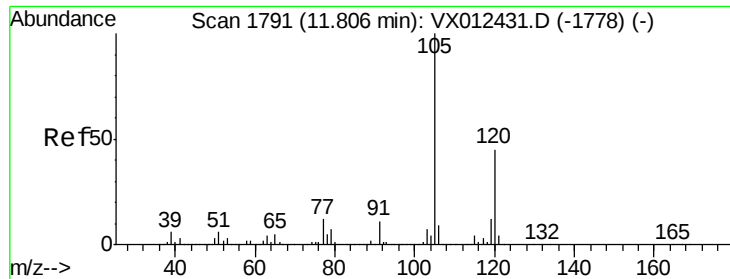
Ion Ratio Lower Upper

119 100

91 61.2 30.0 90.0

134 22.3 11.3 33.9





#84

1,2,4-Trimethylbenzene

Concen: 187.573 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion:105 Resp: 1496440

Ion Ratio Lower Upper

105 100

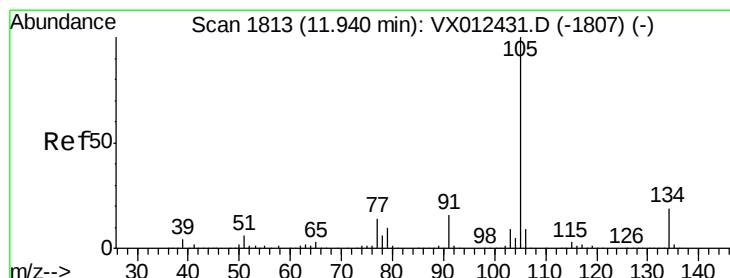
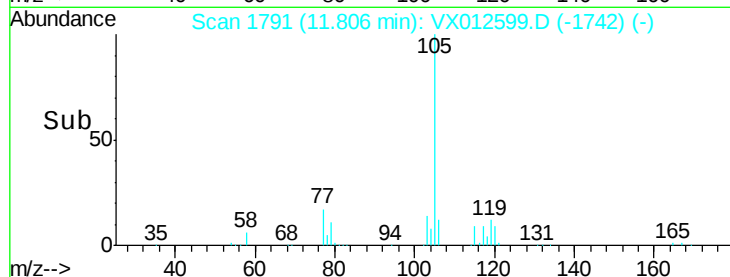
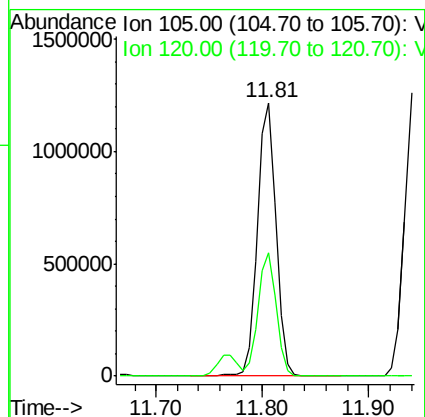
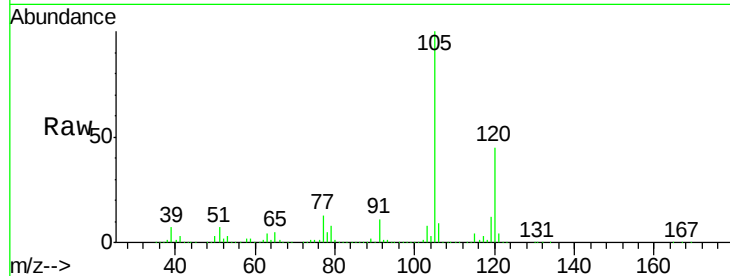
120 44.0 22.2 66.6

Manual Integrations

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#85

sec-Butylbenzene

Concen: 180.402 ug/l

RT: 11.95 min Scan# 1814

Delta R.T. 0.01 min

Lab File: VX012599.D

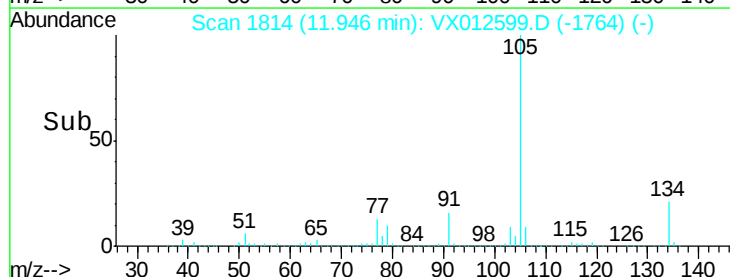
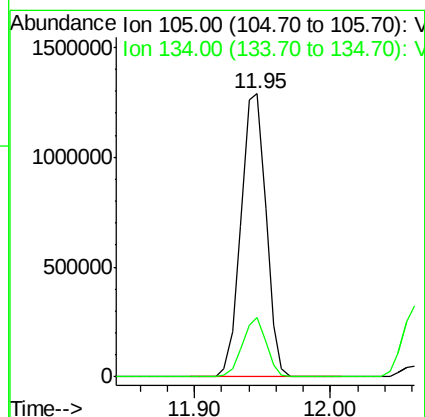
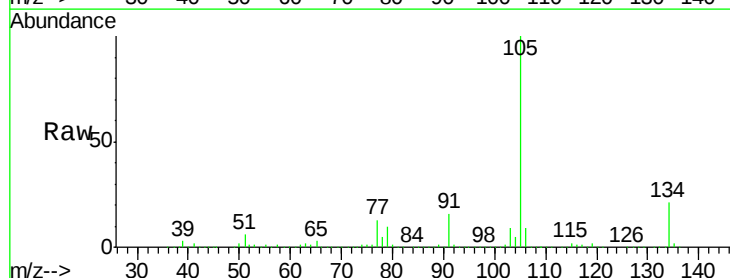
Acq: 23 Sep 2019 12:05

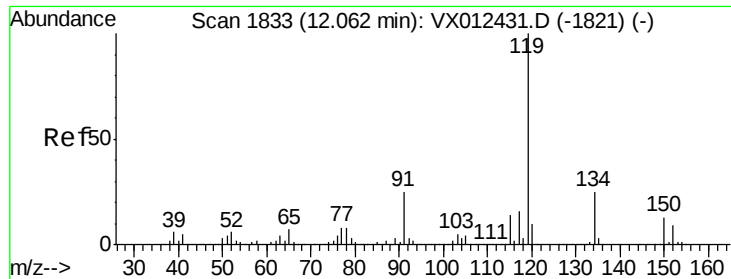
Tgt Ion:105 Resp: 1655077

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4





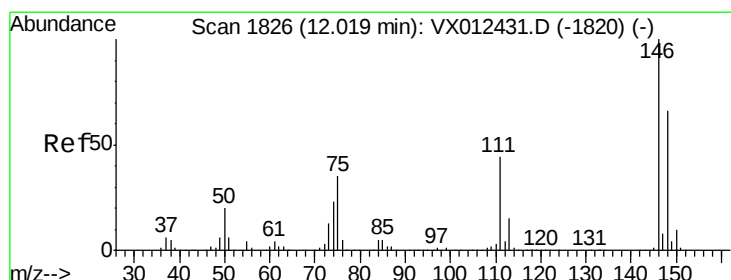
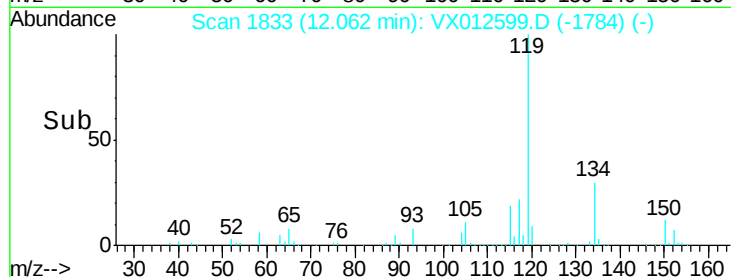
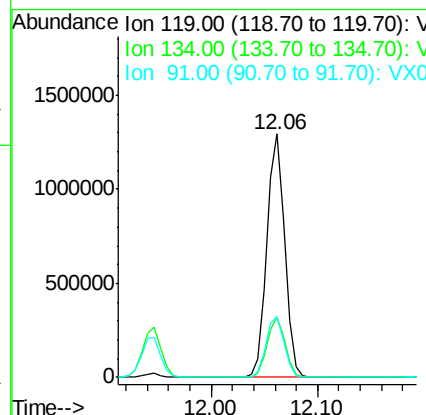
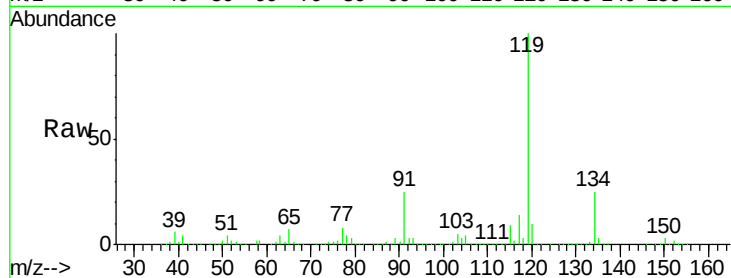
#86
p-Isopropyltoluene
Concen: 181.003 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.7	38.1
91	25.5	12.8	38.4

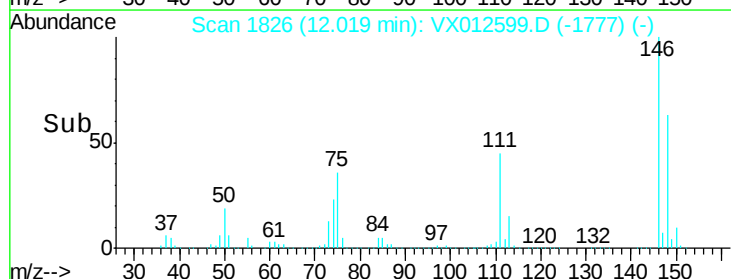
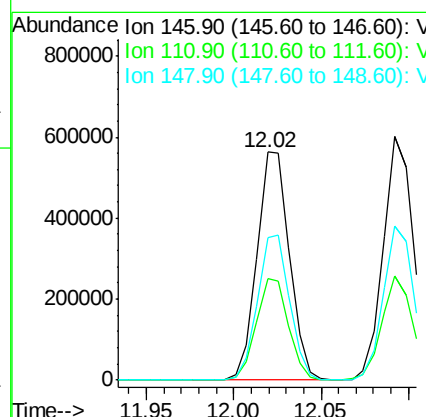
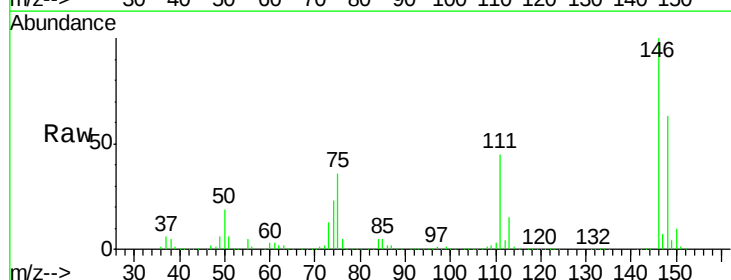
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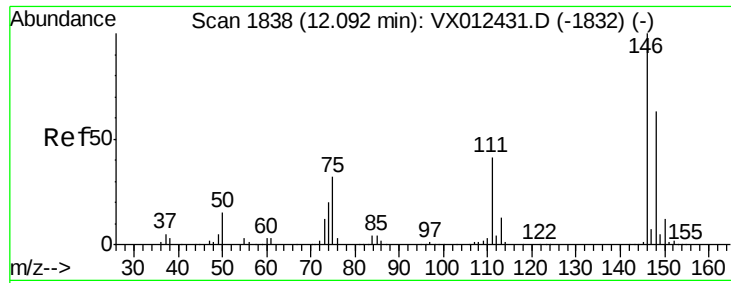
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#87
1,3-Dichlorobenzene
Concen: 173.893 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.3	64.0
148	63.1	32.4	97.2





#88

1,4-Dichlorobenzene

Concen: 168.282 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

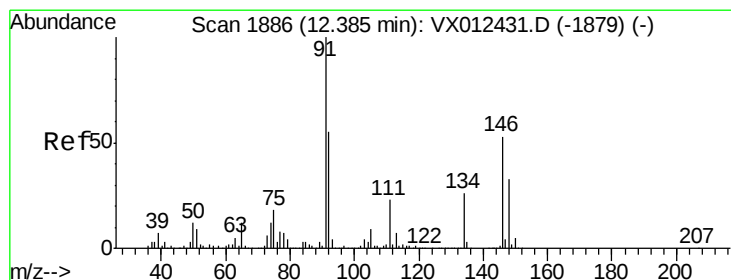
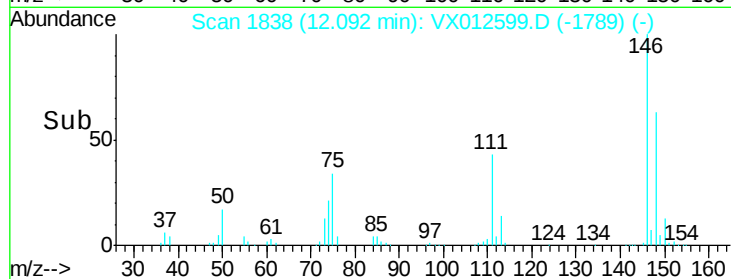
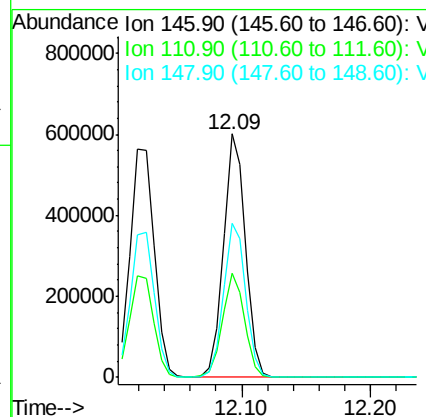
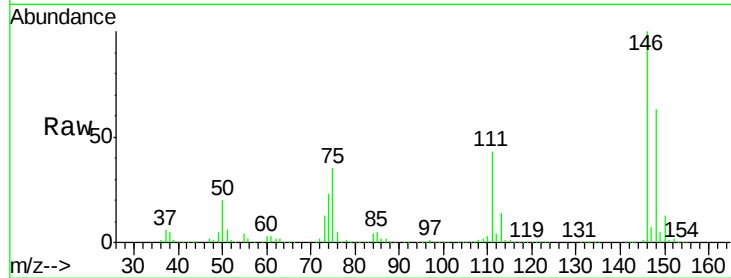
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	722495
Ion Ratio	Lower	Upper	
146	100		
111	43.0	21.1	63.3
148	64.2	32.1	96.5

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#89

n-Butylbenzene

Concen: 185.179 ug/l

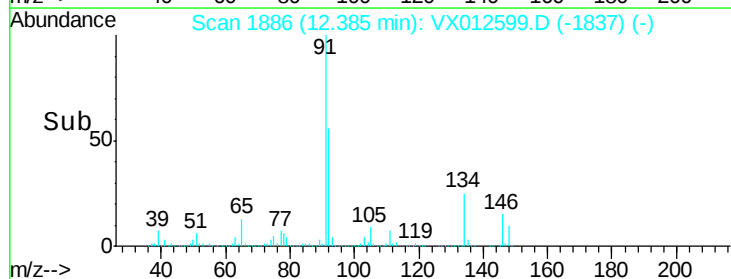
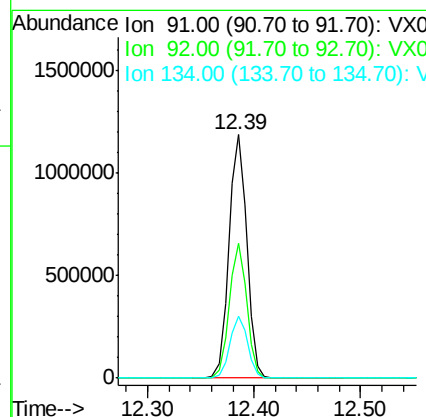
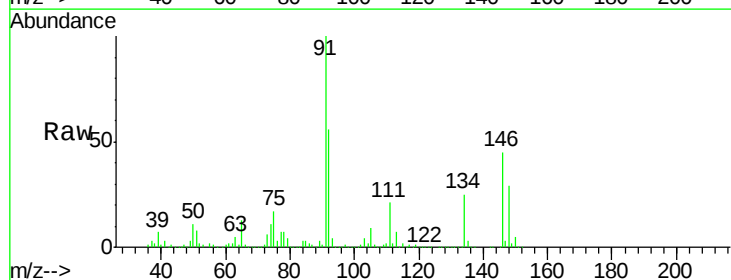
RT: 12.39 min Scan# 1886

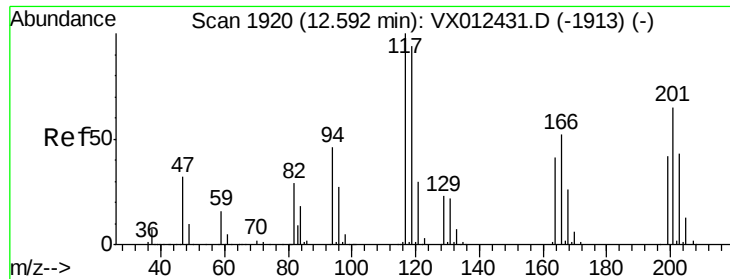
Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion:	91	Resp:	1391921
Ion Ratio	Lower	Upper	
91	100		
92	54.4	27.7	83.0
134	25.3	12.9	38.6





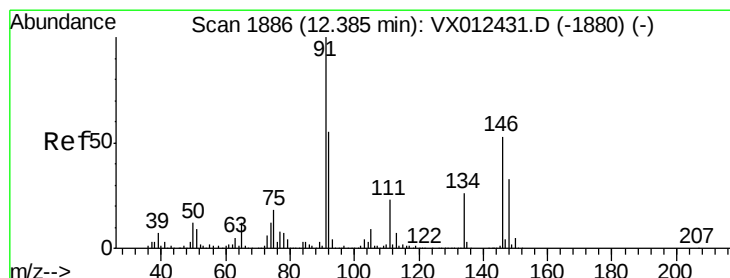
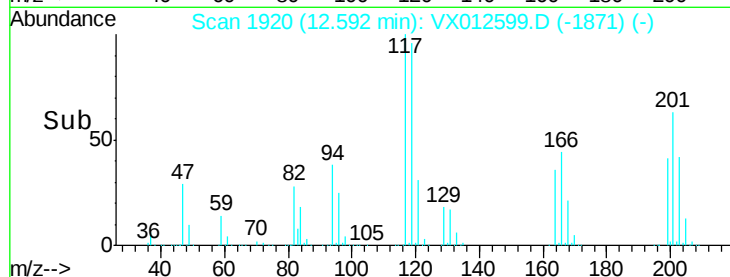
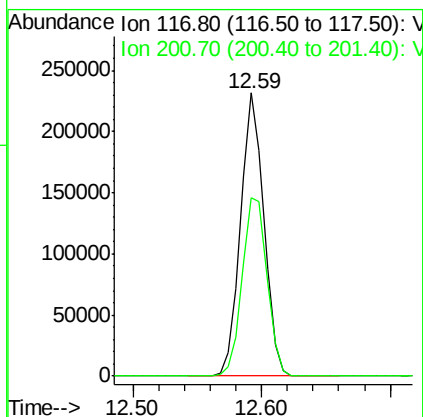
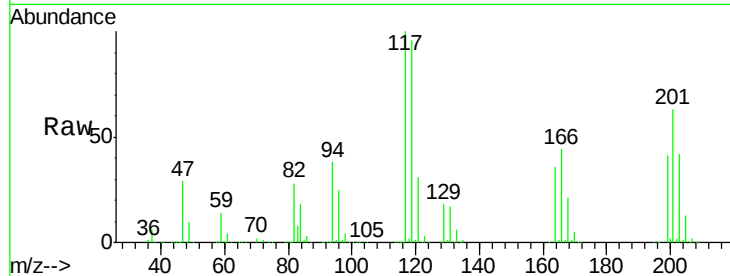
#90
Hexachloroethane
Concen: 187.558 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	289720		
201	66.9	33.3	99.8	

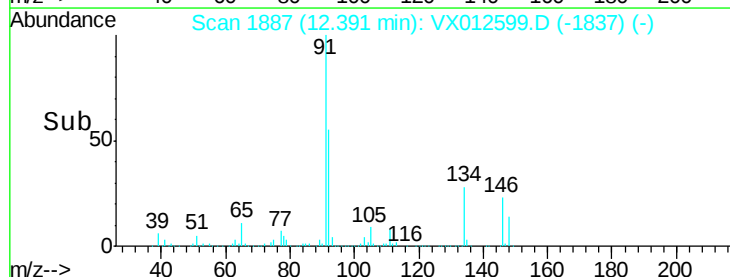
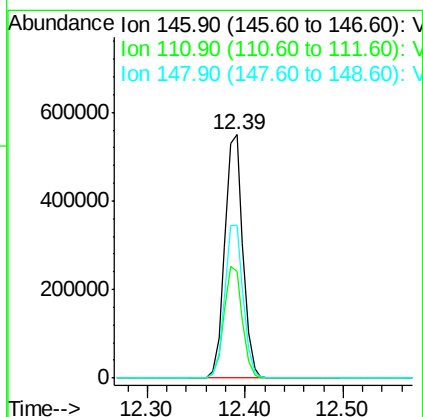
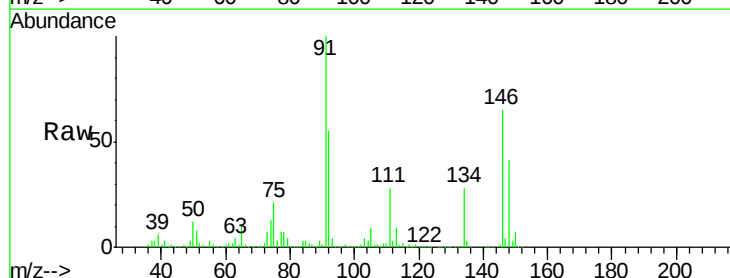
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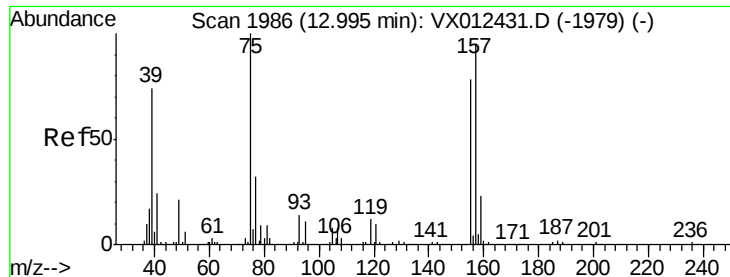
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#91
1,2-Dichlorobenzene
Concen: 160.770 ug/l
RT: 12.39 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX012599.D
Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	702317		
111	46.0	22.1	66.1	
148	63.7	31.3	93.9	





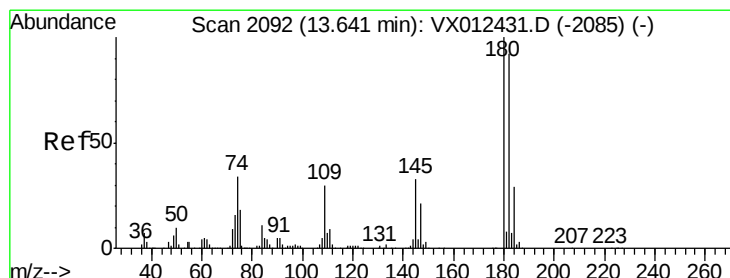
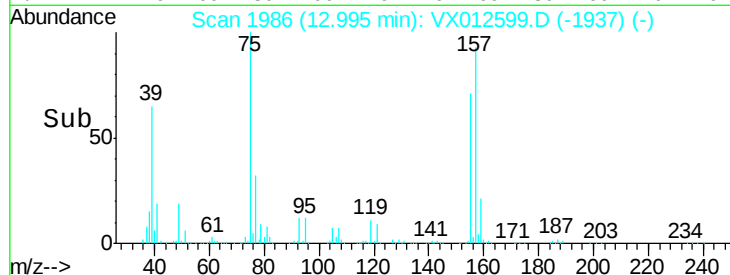
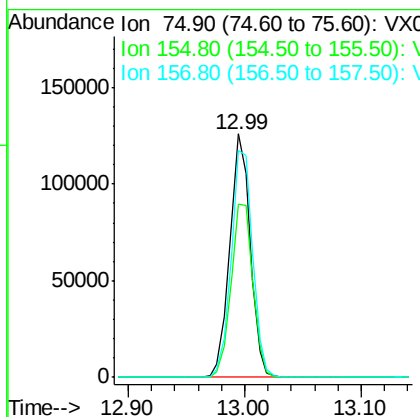
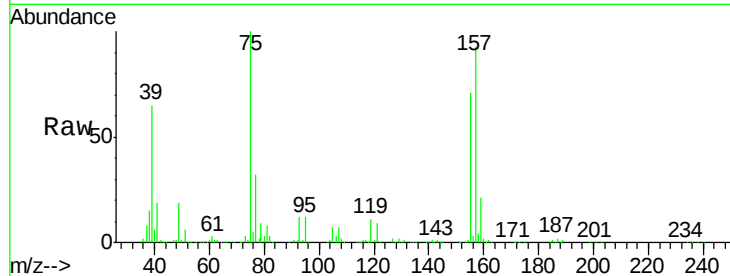
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 166.113 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
155	76.3	38.6	115.8
157	98.1	50.6	151.9

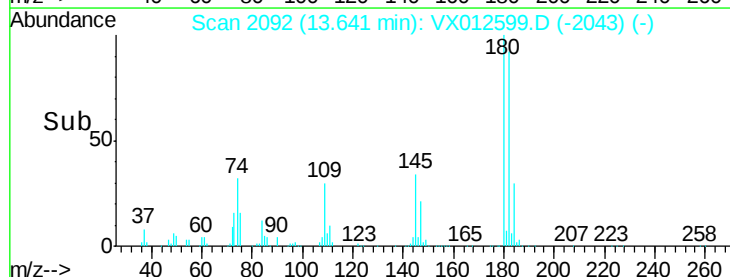
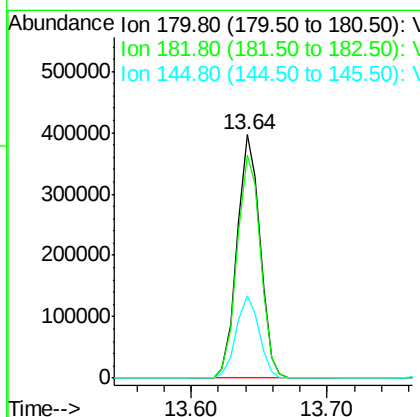
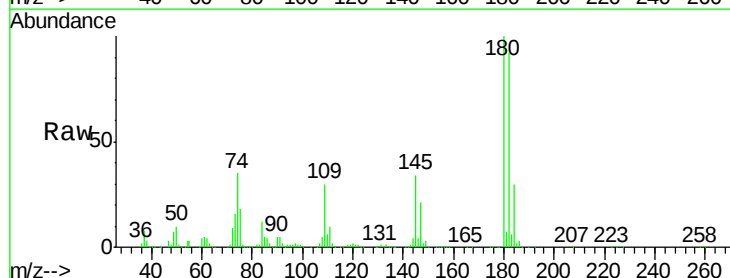
Manual Integrations
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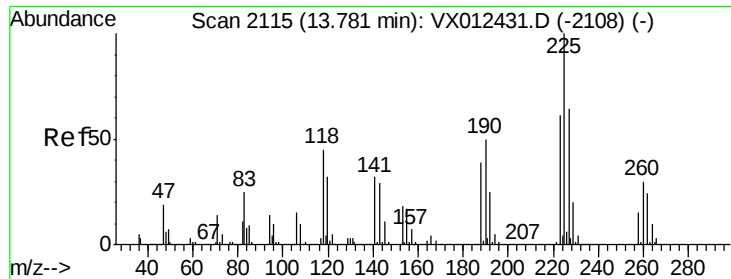
MMDadoda
 9/24/2019 10:06:15 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 164.692 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.0	141.0
145	34.1	16.8	50.4





#94

Hexachlorobutadiene

Concen: 144.537 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Instrument :

MSVOA_X

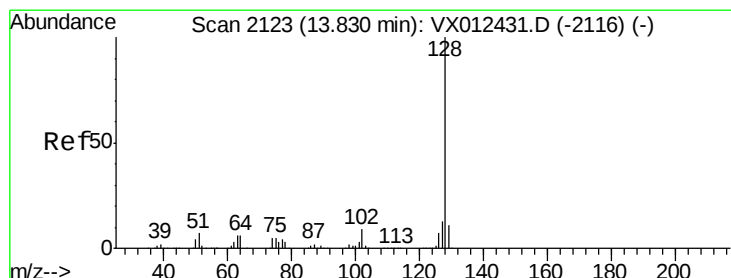
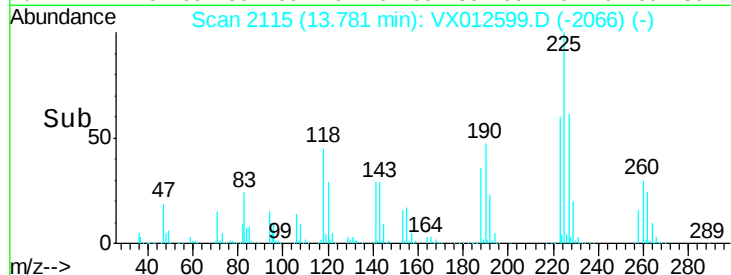
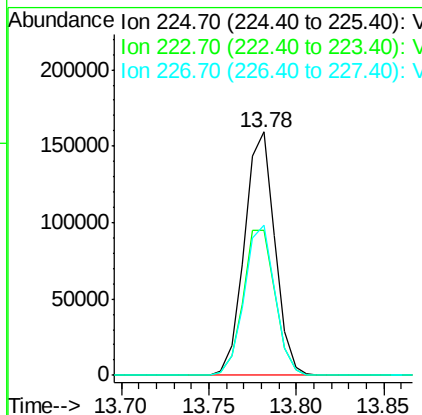
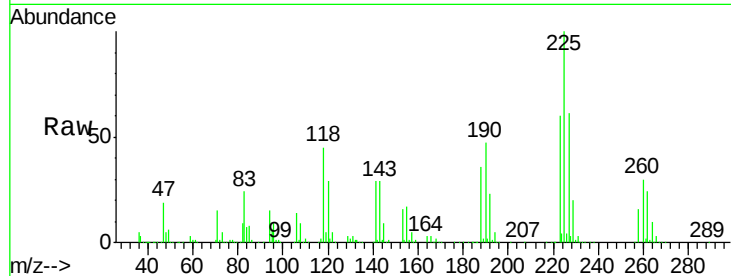
ClientSampleId :

VSTDIC150

Tot Ion:	225	Resp:	191683
Ion Ratio		Lower	Upper
225	100		
223	63.0	32.0	96.2
227	62.2	31.9	95.5

Manual Integrations
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9/24/2019 10:06:15 AM



#95

Naphthalene

Concen: 169.008 ug/l

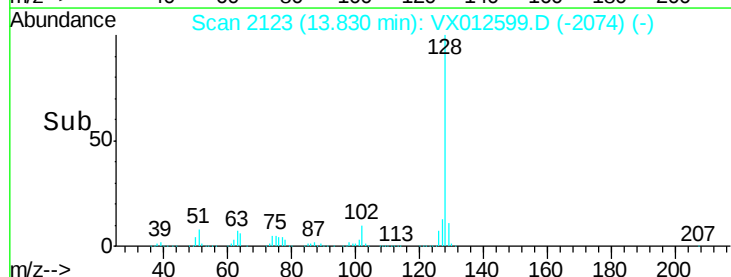
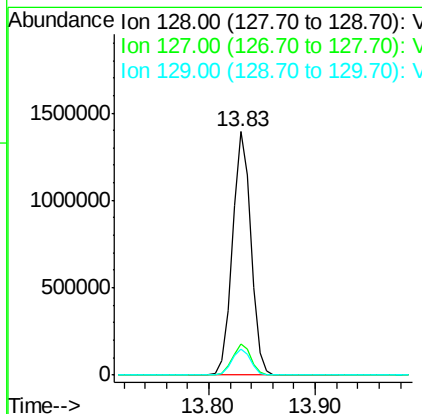
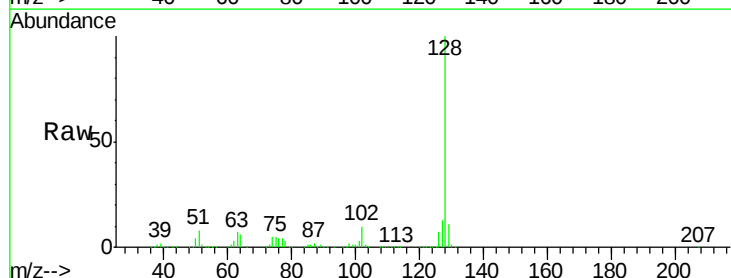
RT: 13.83 min Scan# 2123

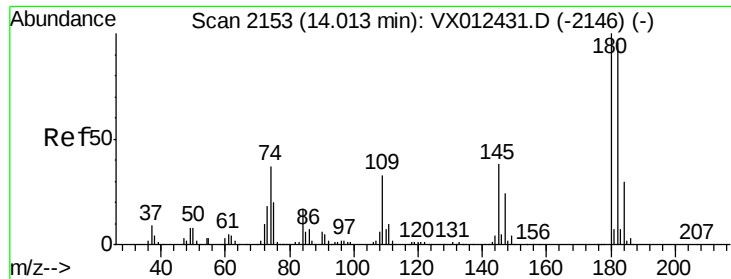
Delta R.T. 0.00 min

Lab File: VX012599.D

Acq: 23 Sep 2019 12:05

Tgt Ion:	128	Resp:	1692118
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.8	13.2





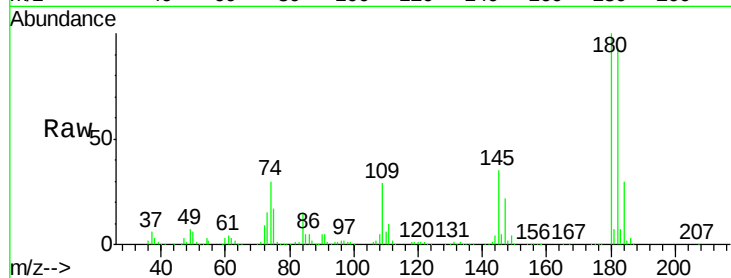
#96
 1,2,3-Trichlorobenzene
 Concen: 157.826 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX012599.D
 Acq: 23 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	47.1	141.3
145	35.9	18.0	54.0

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:06:15 AM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

