

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012890.D
 Acq On : 08 Oct 2019 15:30
 Operator : JC/SP
 Sample : VX1008WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:33 AM

Quant Time: Oct 09 03:03:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	314394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	114358	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.48	113	90700	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.71	98	348974	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.14	95	134924	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	40152	20.761	ug/l	99
3) Chloromethane	1.32	50	41134	19.543	ug/l	93
4) Vinyl Chloride	1.40	62	42101	19.380	ug/l	95
5) Bromomethane	1.63	94	20526	22.729	ug/l	95
6) Chloroethane	1.72	64	25693	19.587	ug/l	99
7) Trichlorofluoromethane	1.92	101	58491	19.948	ug/l	97
8) Diethyl Ether	2.18	74	23962	20.246	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38400	20.235	ug/l	100
10) Methyl Iodide	2.50	142	28473	16.980	ug/l	99
11) Tert butyl alcohol	3.03	59	57105	90.839	ug/l	97
12) 1,1-Dichloroethene	2.36	96	38241	19.945	ug/l	96
13) Acrolein	2.28	56	36876	82.543	ug/l	100
14) Allyl chloride	2.72	41	68884	20.174	ug/l	97
15) Acrylonitrile	3.13	53	117478	98.612	ug/l	99
16) Acetone	2.43	43	119183	95.349	ug/l	99
17) Carbon Disulfide	2.56	76	103679	18.964	ug/l	100
18) Methyl Acetate	2.76	43	55856	18.853	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	135488	20.463	ug/l	100
20) Methylene Chloride	2.84	84	43955	19.134	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	41143	20.021	ug/l	96
22) Diisopropyl ether	3.84	45	134991	20.632	ug/l	97
23) Vinyl Acetate	3.80	43	582238	103.083	ug/l	99
24) 1,1-Dichloroethane	3.69	63	74254	20.173	ug/l	100
25) 2-Butanone	4.65	43	167673	96.688	ug/l	97
26) 2,2-Dichloropropane	4.58	77	63006	20.356	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	47105	19.886	ug/l	98
28) Bromochloromethane	5.00	49	23925	21.494	ug/l	98
29) Tetrahydrofuran	5.11	42	103369	96.865	ug/l	99
30) Chloroform	5.20	83	75353	19.951	ug/l	97
31) Cyclohexane	5.56	56	70849	20.585	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	66071	20.646	ug/l	97
36) 1,1-Dichloropropene	5.79	75	58123	21.027	ug/l	99
37) Ethyl Acetate	4.82	43	62686	20.281	ug/l	100
38) Carbon Tetrachloride	5.77	117	55284	20.548	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	71884	21.444	ug/l	99
40) Benzene	6.13	78	171366	20.990	ug/l	100
41) Methacrylonitrile	5.03	41	33320	19.618	ug/l	98
42) 1,2-Dichloroethane	6.18	62	60508	20.655	ug/l	99
43) Isopropyl Acetate	6.43	43	101194	20.398	ug/l	100
44) Trichloroethene	7.20	130	44430	19.625	ug/l	93
45) 1,2-Dichloropropane	7.50	63	43549	20.930	ug/l	99
46) Dibromomethane	7.65	93	28924	20.864	ug/l	98
47) Bromodichloromethane	7.89	83	55550	20.533	ug/l	96
48) Methyl methacrylate	7.76	41	48903	20.229	ug/l	99
49) 1,4-Dioxane	7.73	88	23107	378.762	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	311466	100.699	ug/l	100
52) Toluene	8.78	92	108289	20.733	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	61795	19.678	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	67342	20.239	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	42709	20.663	ug/l	98
56) Ethyl methacrylate	9.17	69	68034	19.539	ug/l	98
57) 1,3-Dichloropropane	9.37	76	73136	20.455	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	161400	106.294	ug/l	99
59) 2-Hexanone	9.48	43	241734	100.399	ug/l	99
60) Dibromochloromethane	9.57	129	41395	19.185	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45272	20.821	ug/l	97
64) Tetrachloroethene	9.33	164	41414	21.185	ug/l	94
65) Chlorobenzene	10.14	112	113134	20.213	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	39904	20.562	ug/l	99
67) Ethyl Benzene	10.25	91	207959	20.917	ug/l	98
68) m/p-Xylenes	10.35	106	155406	41.841	ug/l	100
69) o-Xylene	10.70	106	76013	20.987	ug/l	98
70) Styrene	10.71	104	128797	20.917	ug/l	99
71) Bromoform	10.85	173	27226	18.569	ug/l #	100
73) Isopropylbenzene	11.01	105	201302	21.368	ug/l	99
74) N-amyl acetate	10.89	43	83831	20.662	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	63512	20.270	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	54229m	19.081	ug/l	
77) Bromobenzene	11.25	156	46858	21.108	ug/l	99
78) n-propylbenzene	11.35	91	217350	20.967	ug/l	99
79) 2-Chlorotoluene	11.42	91	134851	20.699	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	168116	21.372	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	19049	19.912	ug/l	96
82) 4-Chlorotoluene	11.51	91	157552	21.099	ug/l	98
83) tert-Butylbenzene	11.76	119	159925	20.841	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	167902	21.075	ug/l	98
85) sec-Butylbenzene	11.94	105	192422	21.645	ug/l	98
86) p-Isopropyltoluene	12.06	119	175014	21.227	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82942	20.120	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	84345	20.202	ug/l	98
89) n-Butylbenzene	12.39	91	149612	21.591	ug/l	97
90) Hexachloroethane	12.59	117	27907	19.619	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	82136	20.323	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14580	19.853	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	51609	20.385	ug/l	99
94) Hexachlorobutadiene	13.78	225	23547	20.154	ug/l	99
95) Naphthalene	13.83	128	176711	20.136	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	51273	19.598	ug/l	98

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

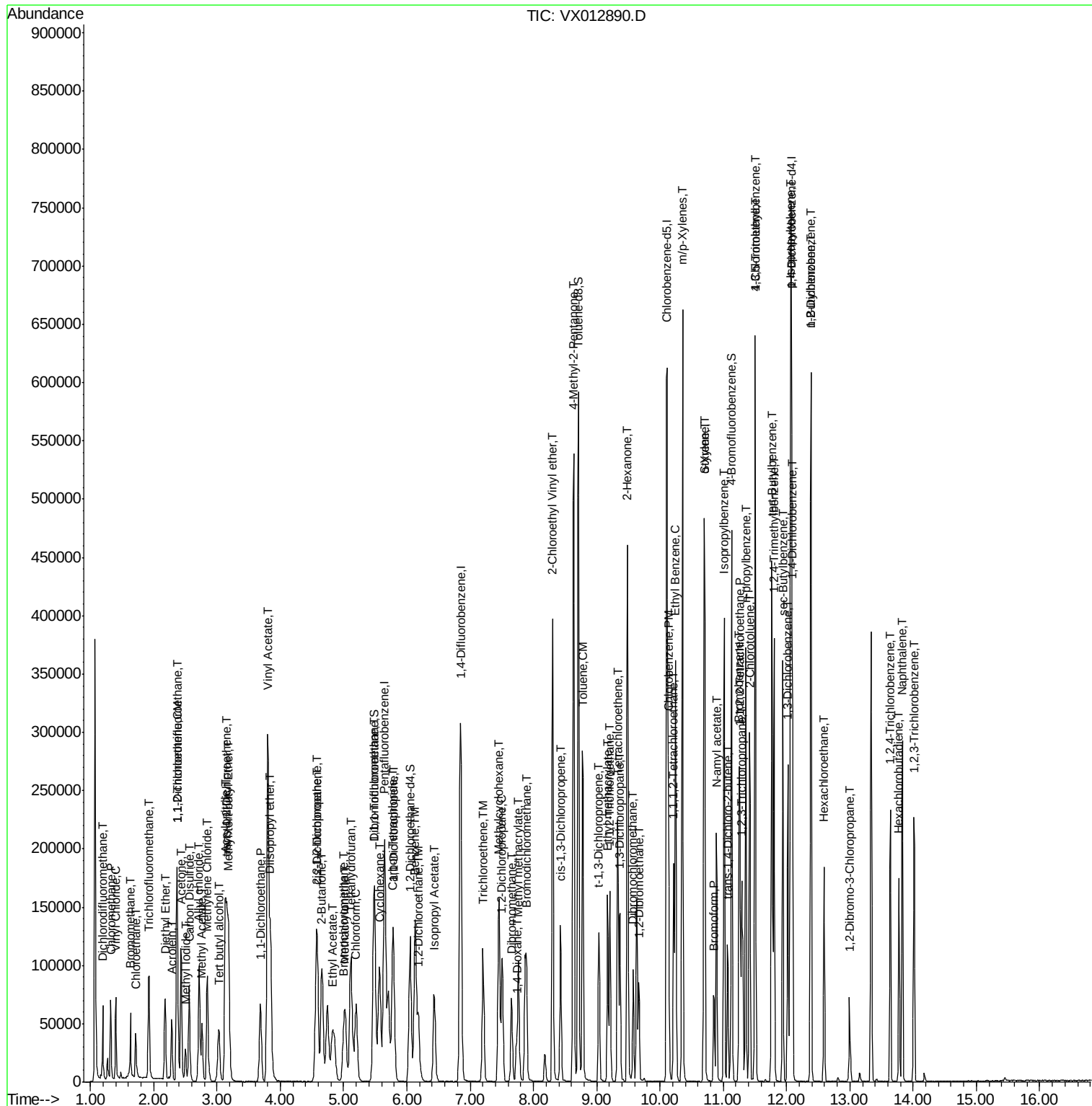
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100819\
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Operator  : JC/SP
Sample    : VX1008WBS01
Misc      : 5.0mL/MSVOA X/WATER
ALS Vial  : 11      Sample Multiplier: 1
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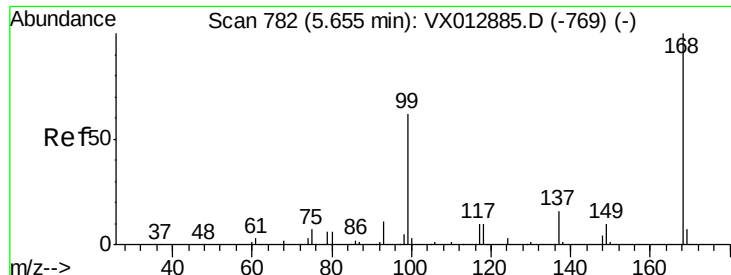
Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tot Ion:168 Resp: 189732

Ion Ratio Lower Upper

168 100

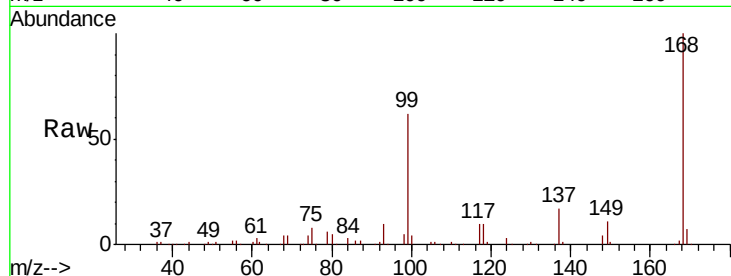
99 61.6 49.4 74.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

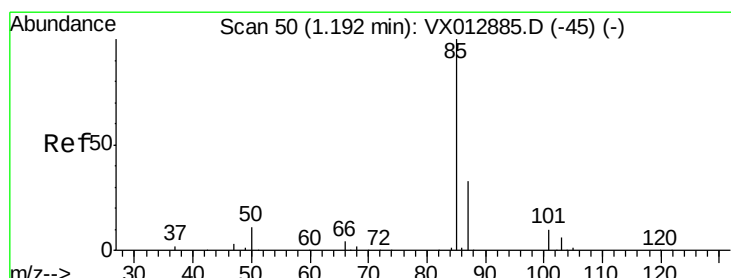
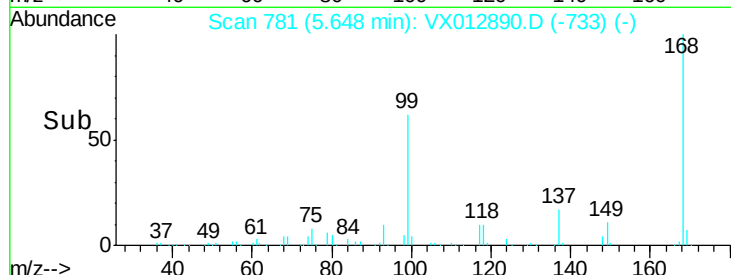
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.761 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012890.D

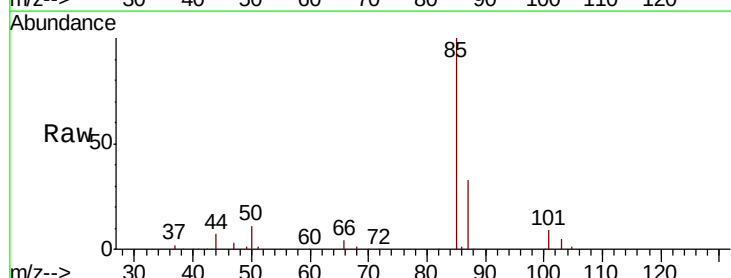
Acq: 08 Oct 2019 15:30

Tgt Ion: 85 Resp: 40152

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

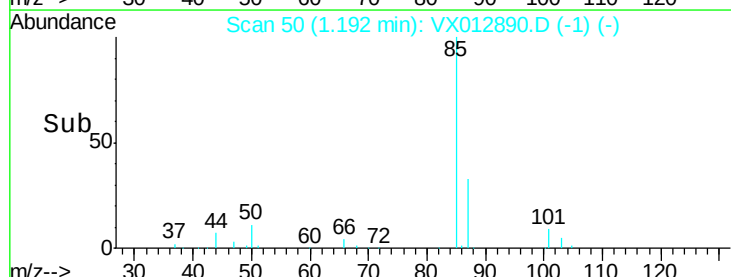
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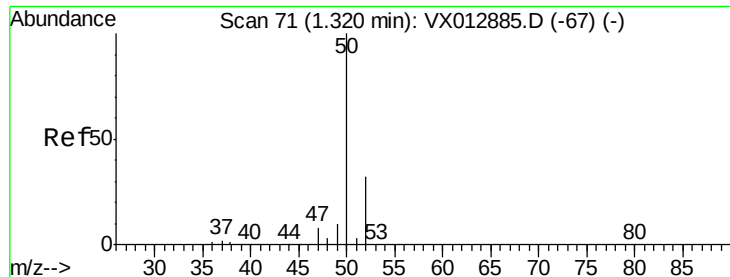
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10000

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Time-->





#3

Chloromethane

Concen: 19.543 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tot Ion: 50 Resp: 41134

Ion Ratio Lower Upper

50 100

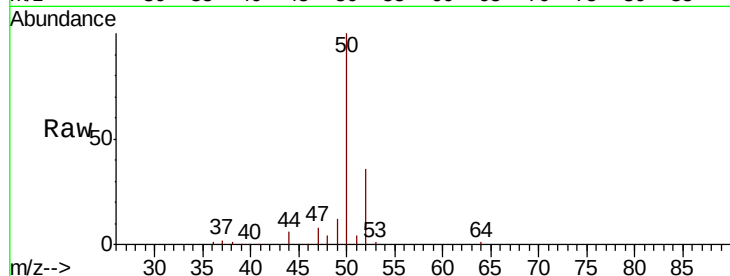
52 35.6 25.2 37.8

Manual Integrations

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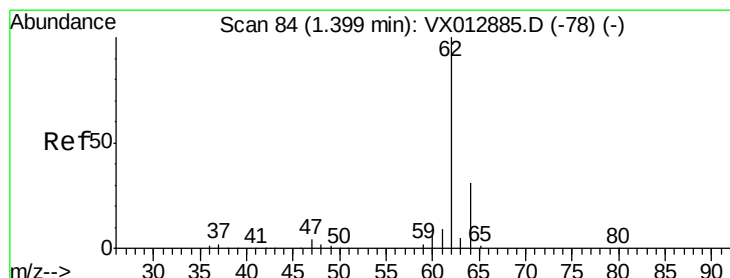
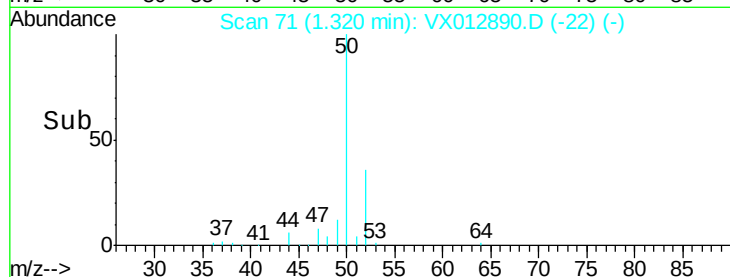
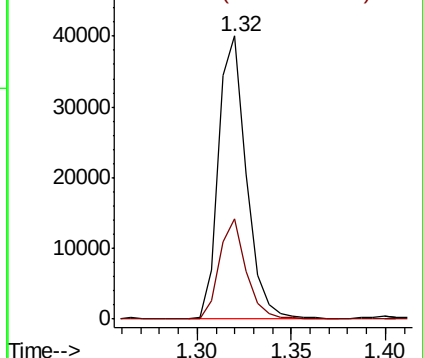
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.380 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012890.D

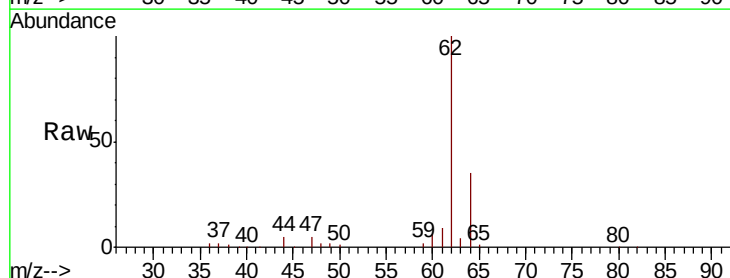
Acq: 08 Oct 2019 15:30

Tgt Ion: 62 Resp: 42101

Ion Ratio Lower Upper

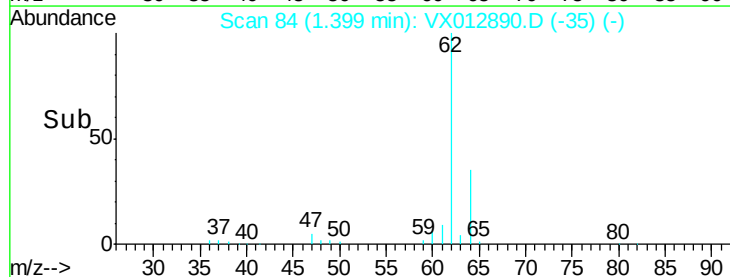
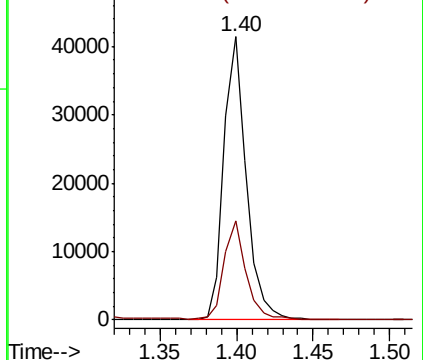
62 100

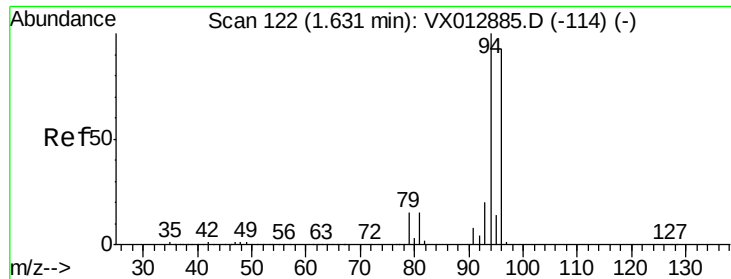
64 34.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





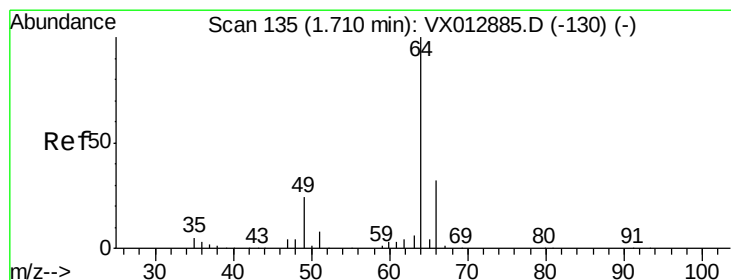
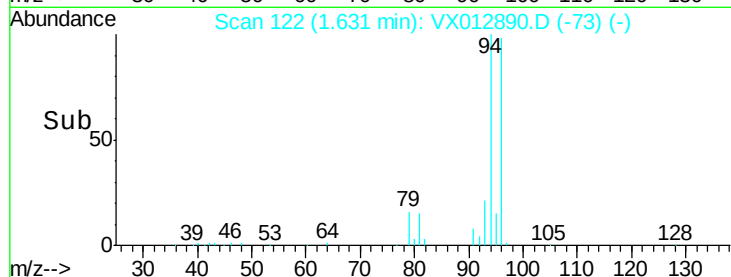
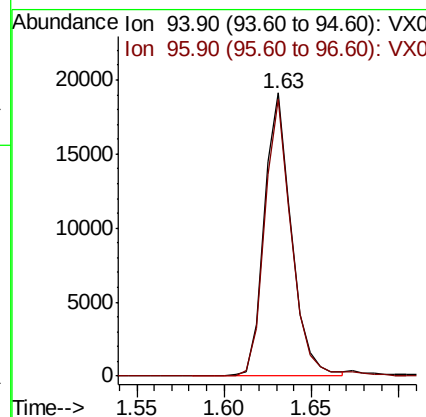
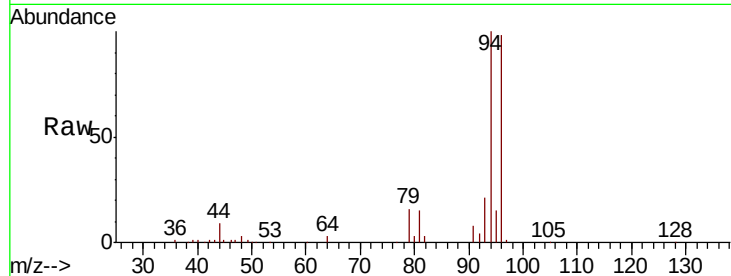
#5
Bromomethane
Concen: 22.729 ug/l
RT: 1.63 min Scan# 122
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion: 94 Resp: 20526
Ion Ratio Lower Upper
94 100
96 97.7 74.7 112.1

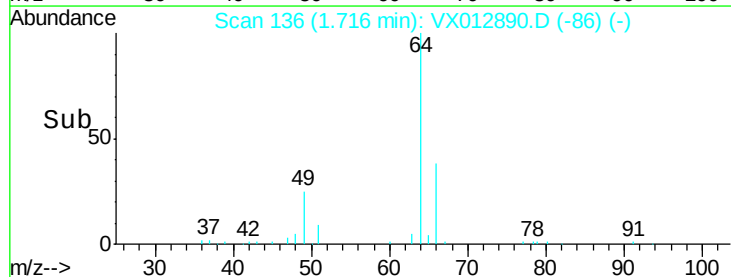
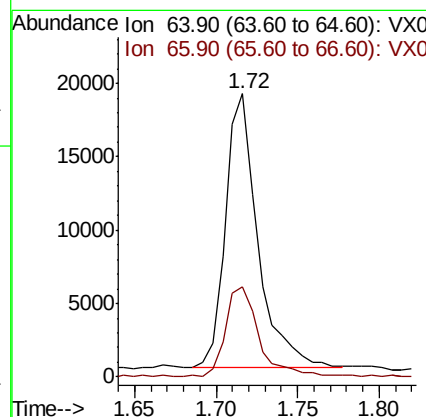
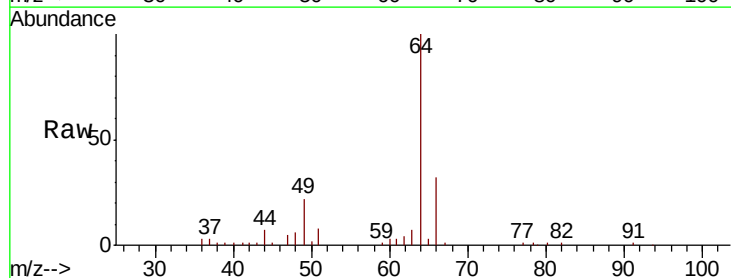
Manual Integrations
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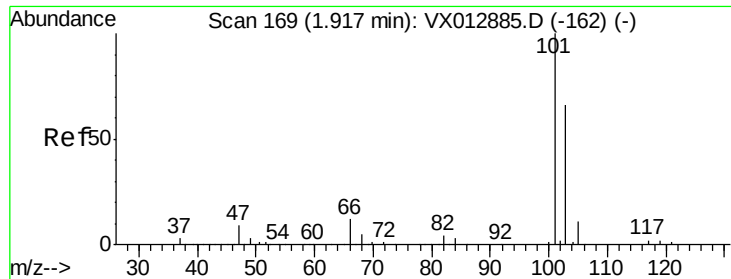
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#6
Chloroethane
Concen: 19.587 ug/l
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion: 64 Resp: 25693
Ion Ratio Lower Upper
64 100
66 32.6 25.6 38.4





#7

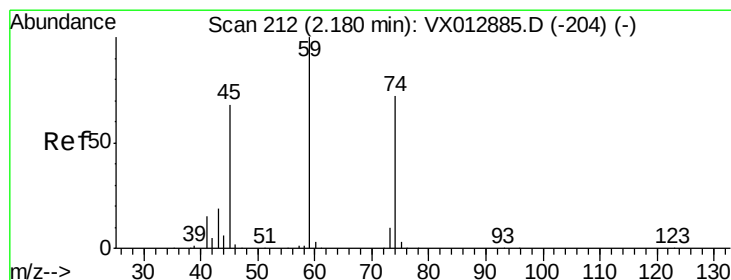
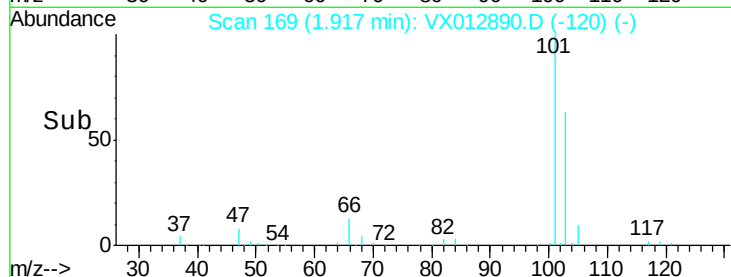
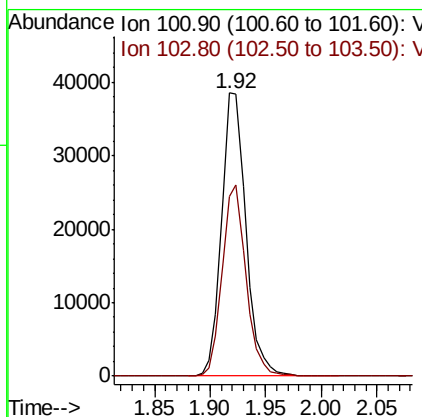
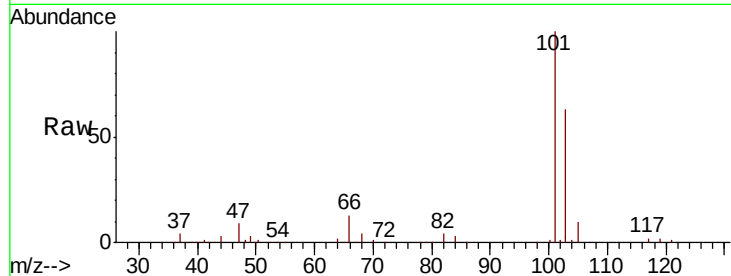
Trichlorofluoromethane
Concen: 19.948 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion:101 Resp: 58491
Ion Ratio Lower Upper
101 100
103 63.3 52.5 78.7

Manual Integrations
APPROVED

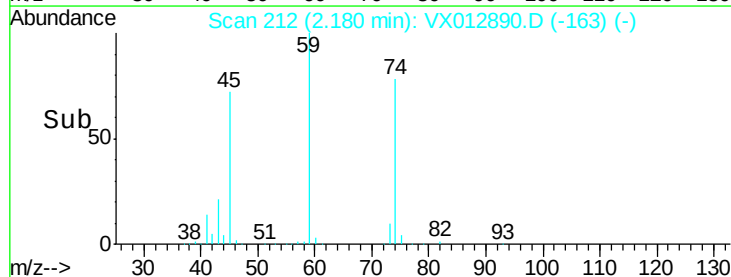
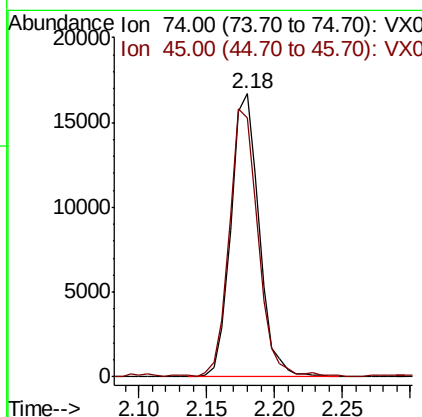
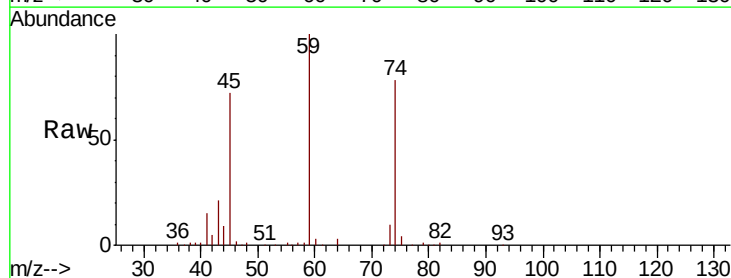
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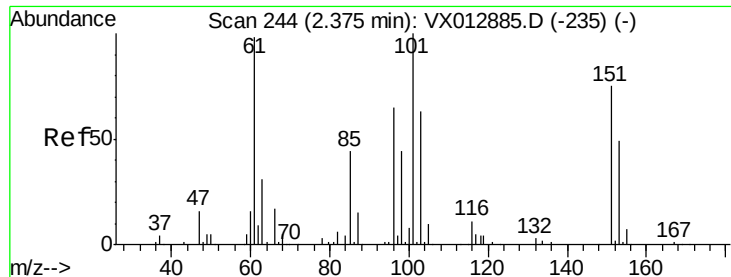


#8

Diethyl Ether
Concen: 20.246 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion: 74 Resp: 23962
Ion Ratio Lower Upper
74 100
45 97.5 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.235 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

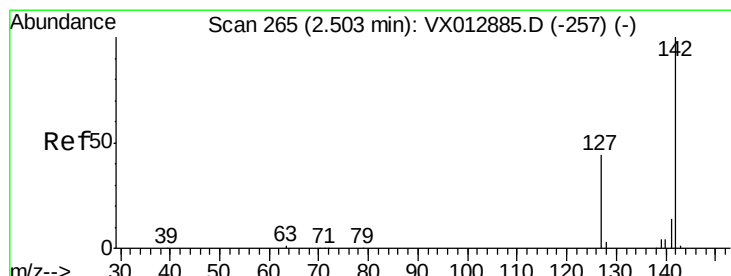
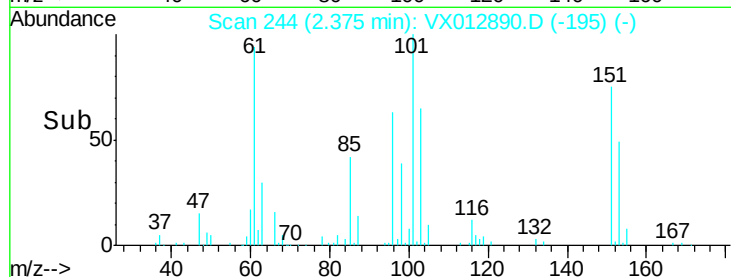
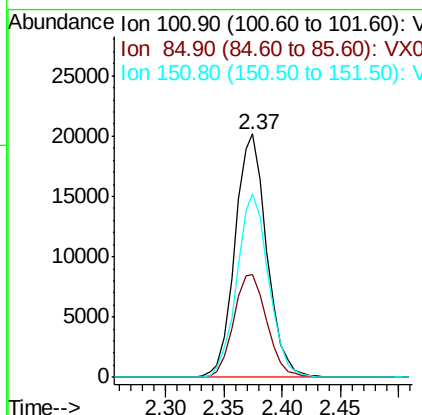
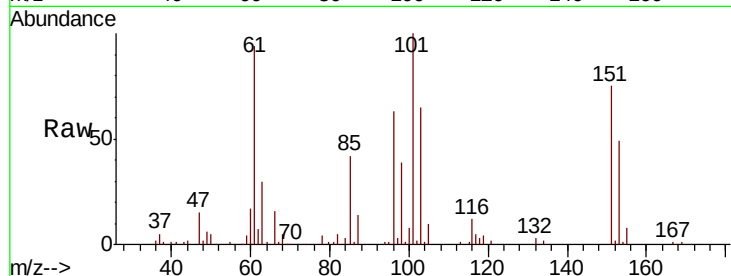
ClientSampled :

VX1008WBS01

Tot Ion:	101	Resp:	38400
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.2	52.8
151	75.5	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 16.980 ug/l

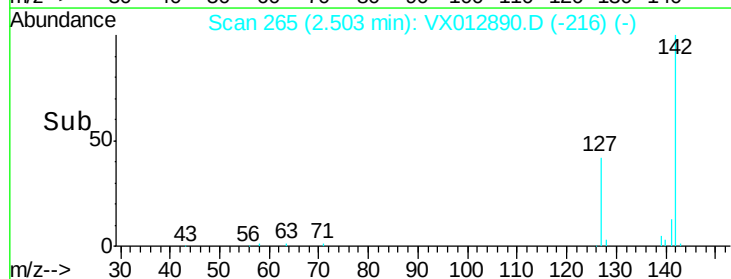
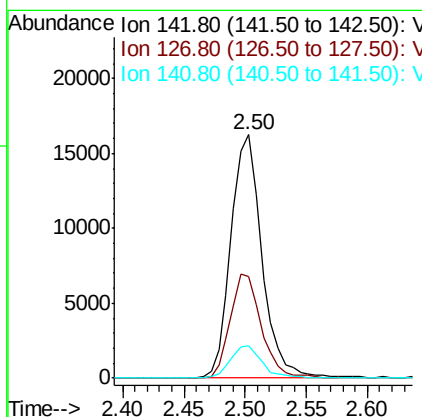
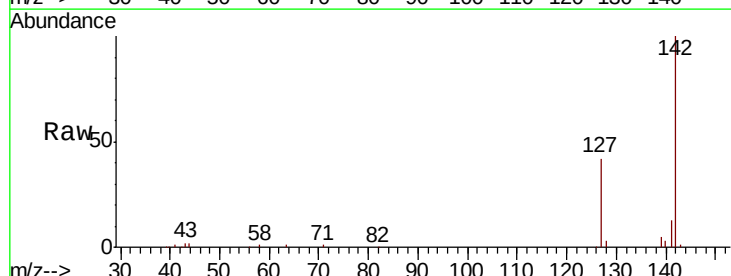
RT: 2.50 min Scan# 265

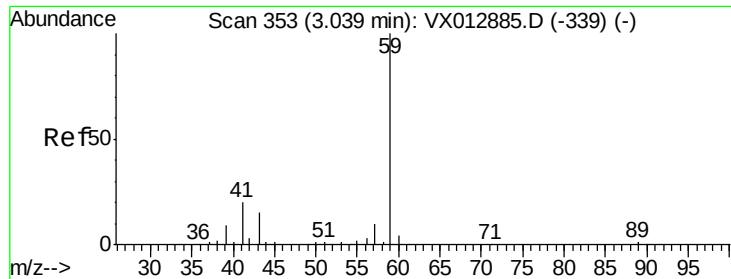
Delta R.T. 0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Tgt Ion:	142	Resp:	28473
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.9	52.3
141	13.6	11.6	17.4





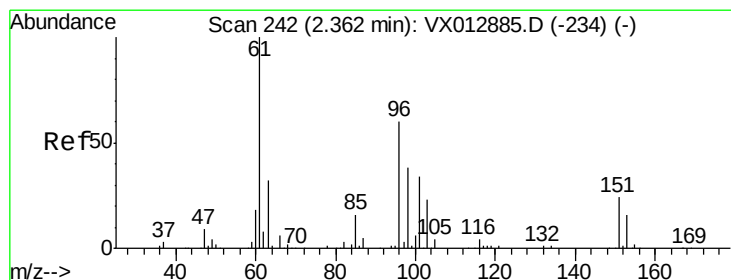
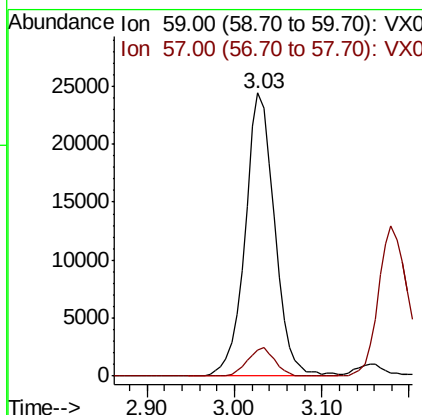
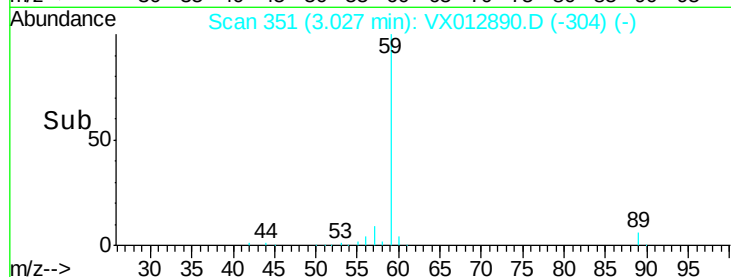
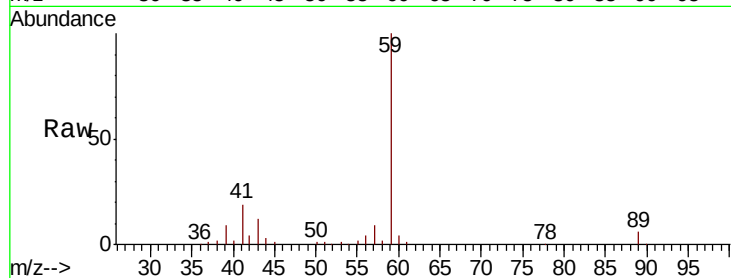
#11
Tert butyl alcohol
Concen: 90.839 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5

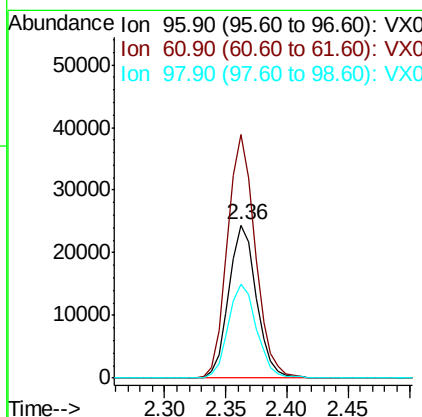
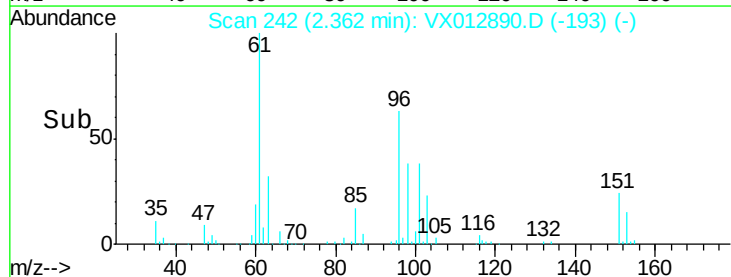
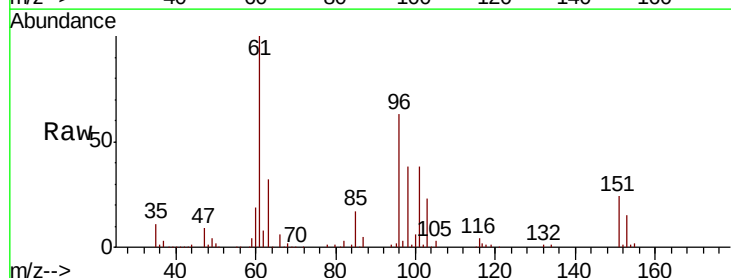
Manual Integrations
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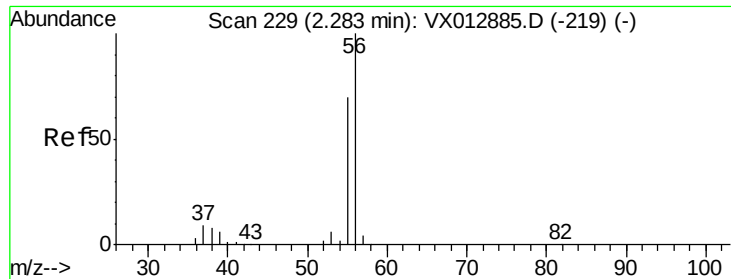
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.945 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.0	132.2	198.4
98	60.9	50.5	75.7





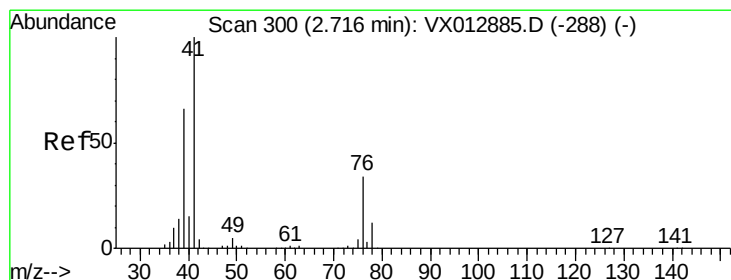
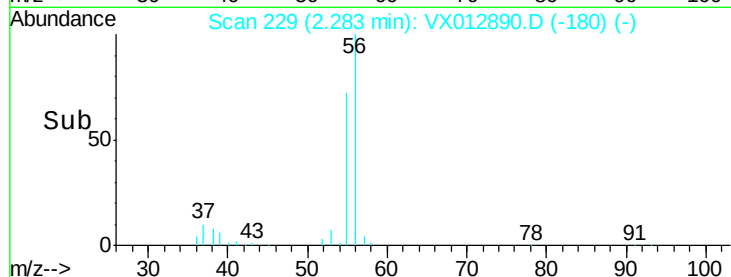
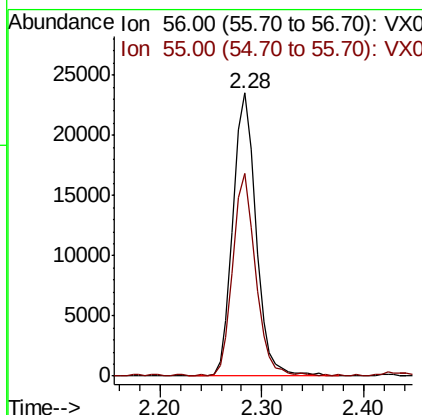
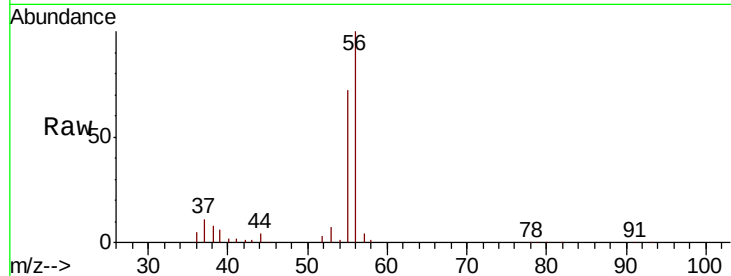
#13
Acrolein
Concen: 82.543 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampled :
VX1008WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.7	56.6	85.0

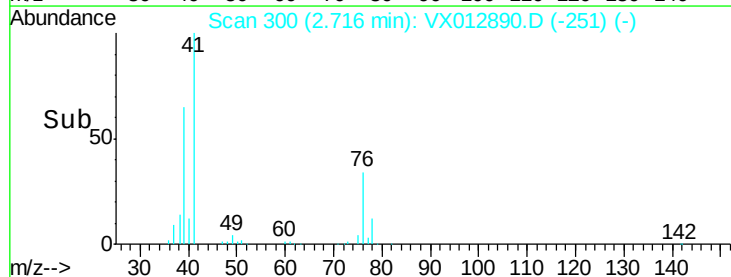
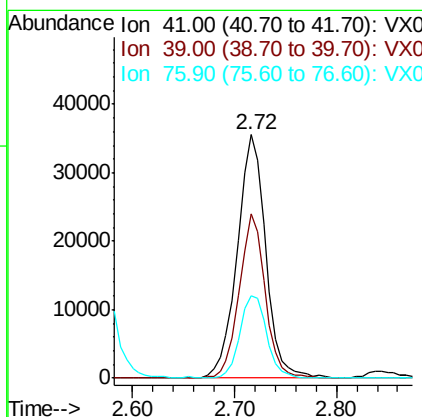
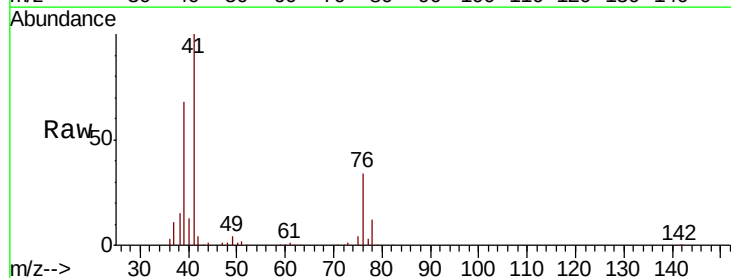
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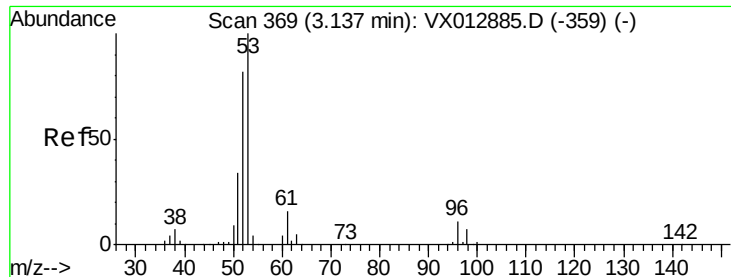
MMDadoda
10/9/2019 10:36:33 AM



#14
Allyl chloride
Concen: 20.174 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.4	51.0	76.6
76	31.9	26.2	39.4





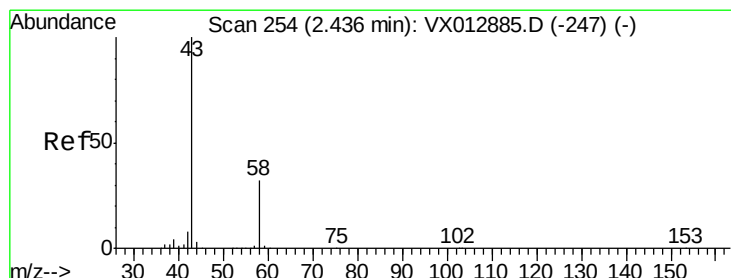
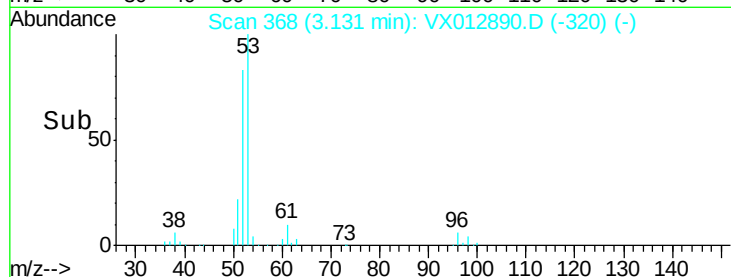
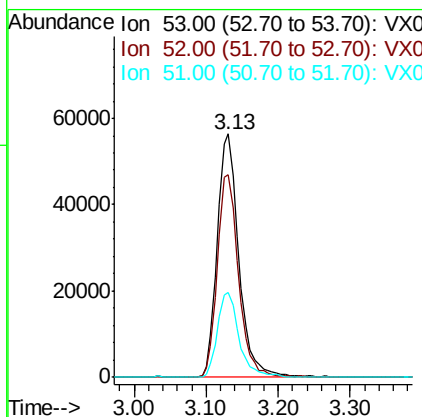
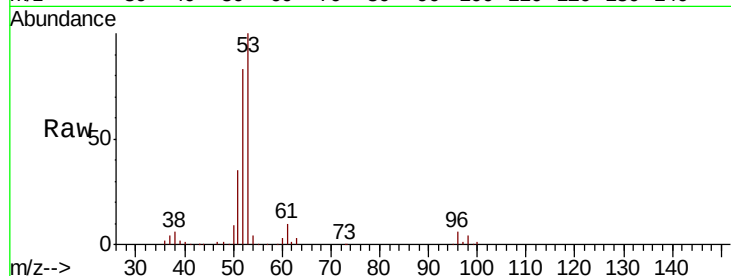
#15
 Acrylonitrile
 Concen: 98.612 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.2	99.2
51	35.2	28.2	42.4

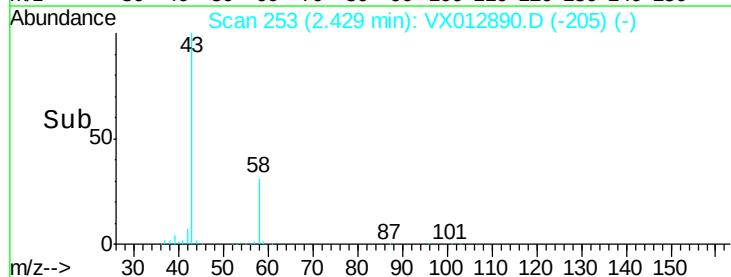
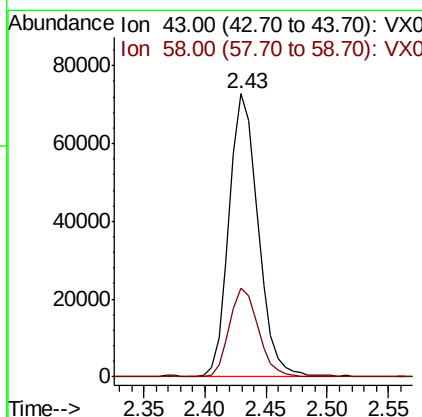
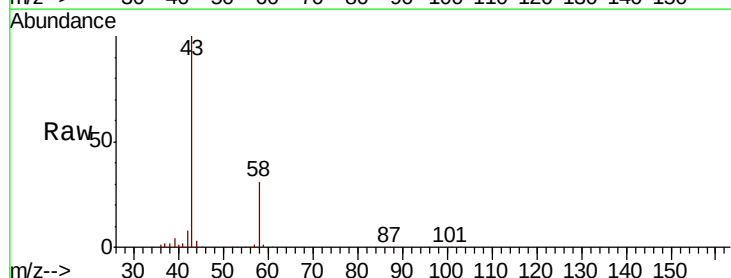
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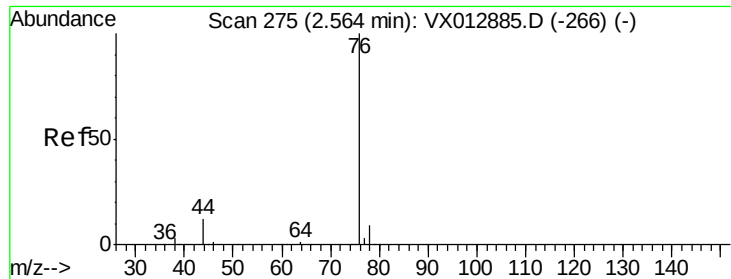
MMDadoda
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#16
 Acetone
 Concen: 95.349 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.4	38.2





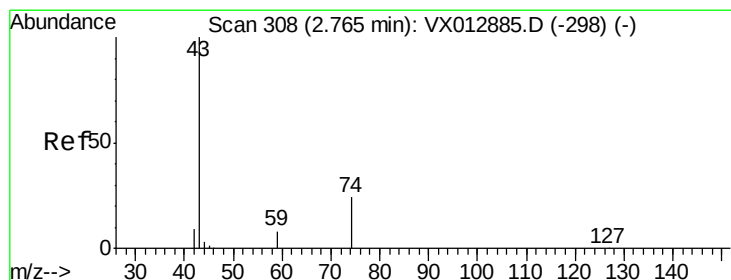
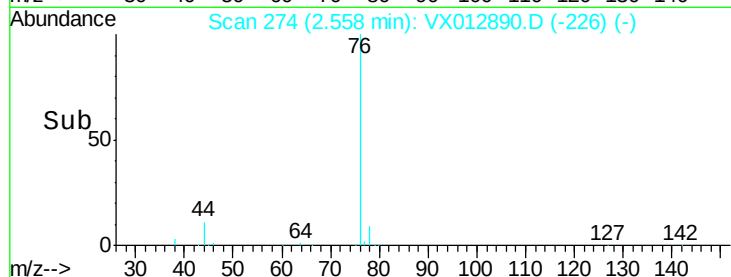
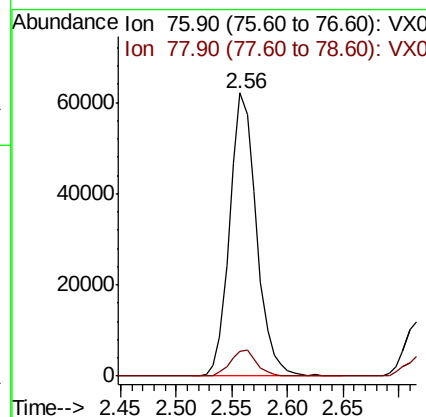
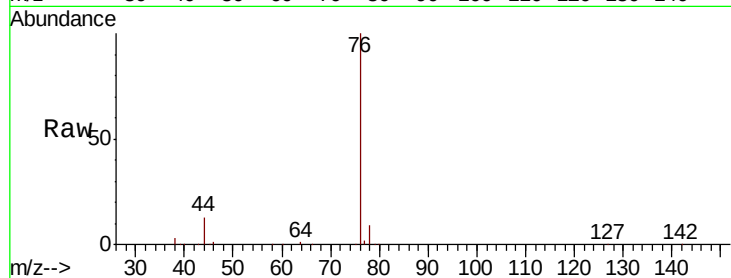
#17
Carbon Disulfide
Concen: 18.964 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

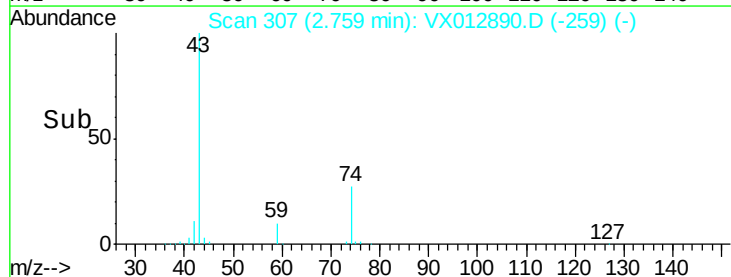
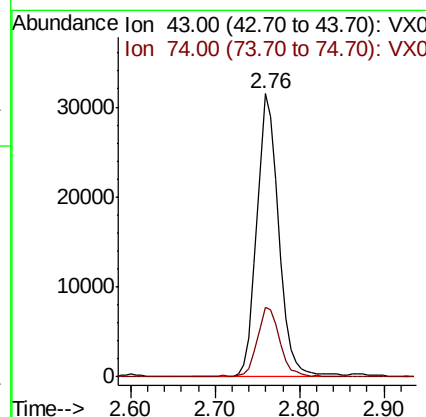
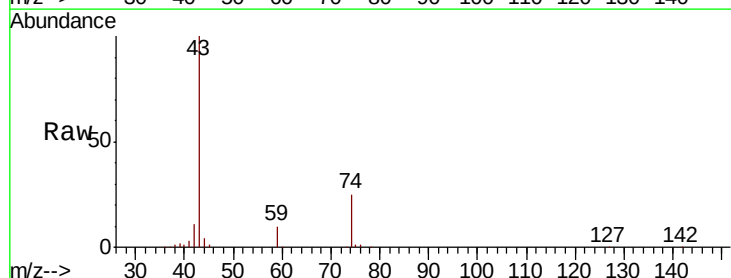
Manual Integrations
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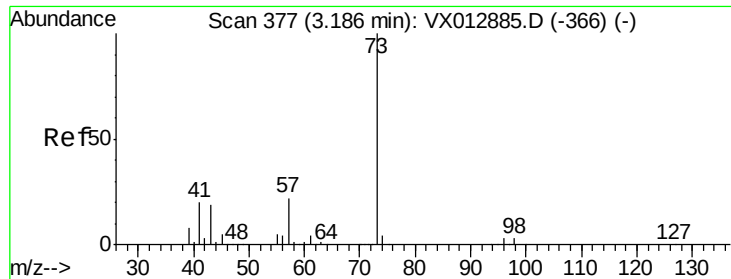
MMDadoda
10/9/2019 10:36:33 AM



#18
Methyl Acetate
Concen: 18.853 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	19.2	28.8





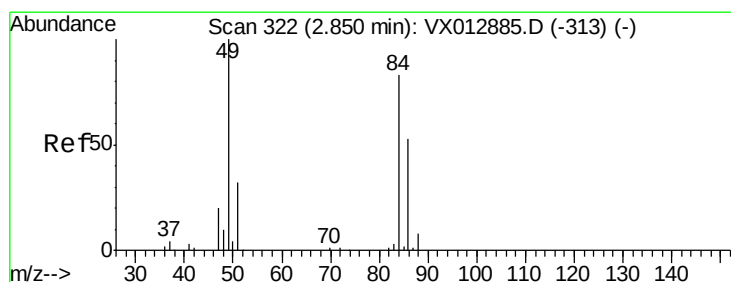
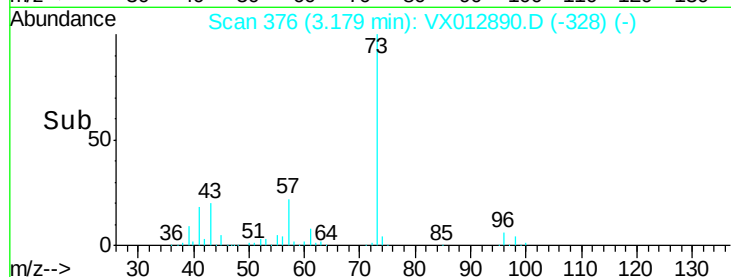
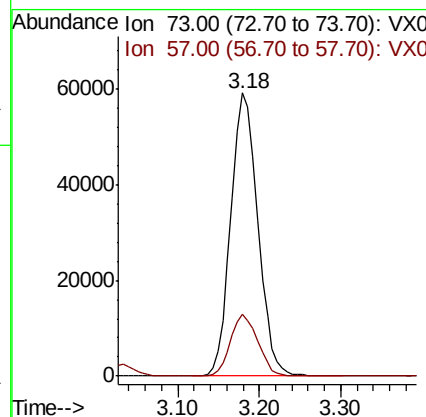
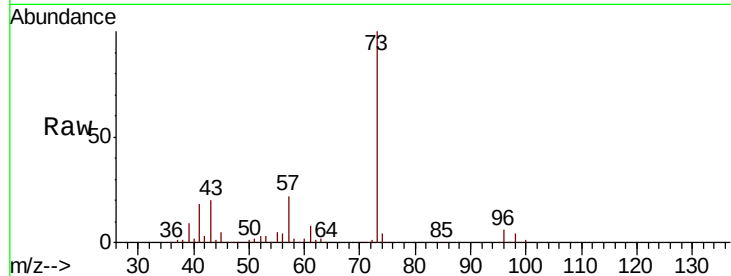
#19
Methyl tert-butyl Ether
Concen: 20.463 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion: 73 Resp: 135488
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.6

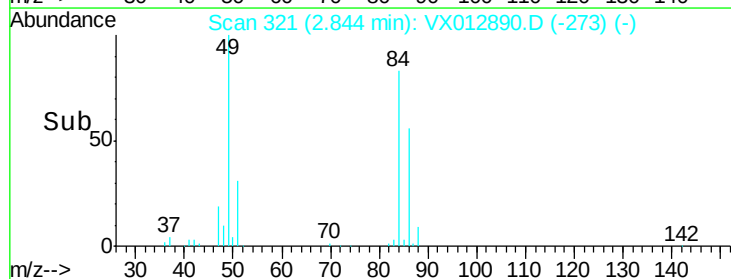
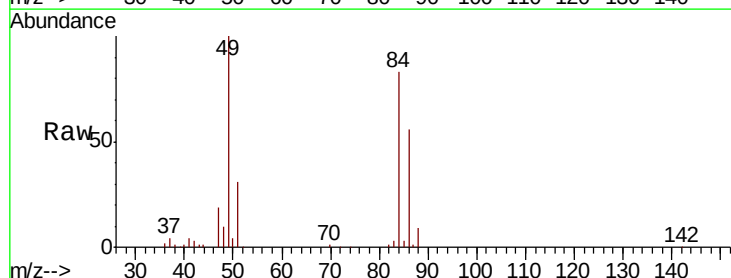
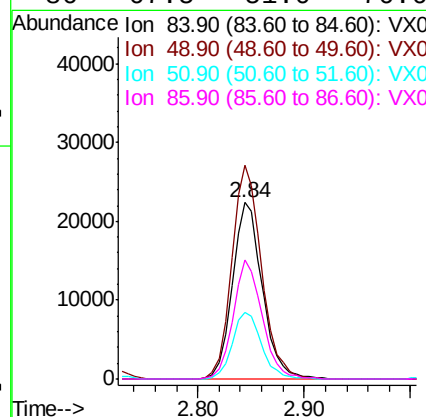
Manual Integrations
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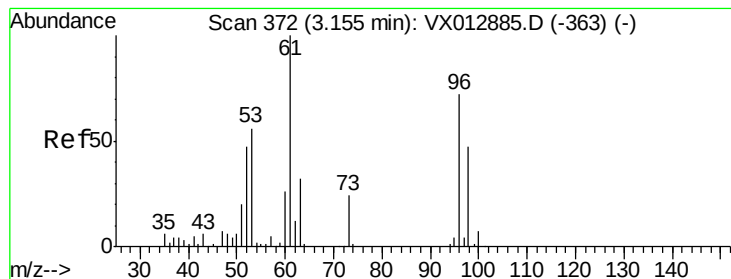
MMDadoda
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#20
Methylene Chloride
Concen: 19.134 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion: 84 Resp: 43955
Ion Ratio Lower Upper
84 100
49 121.2 96.6 144.8
51 38.1 30.7 46.1
86 67.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.021 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

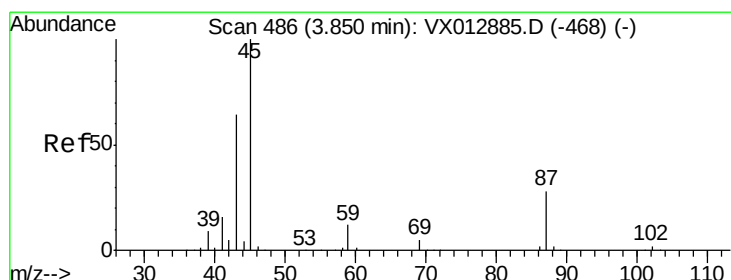
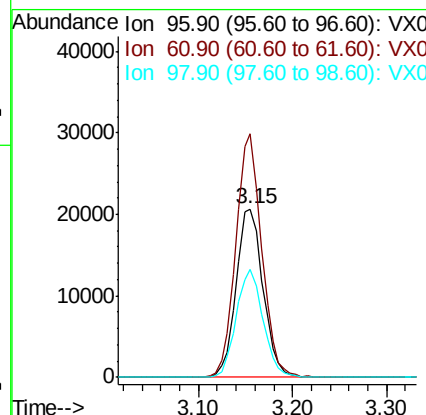
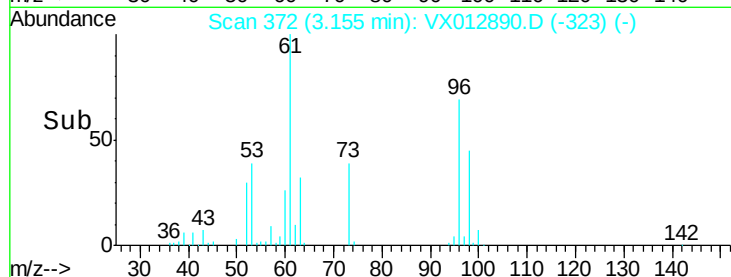
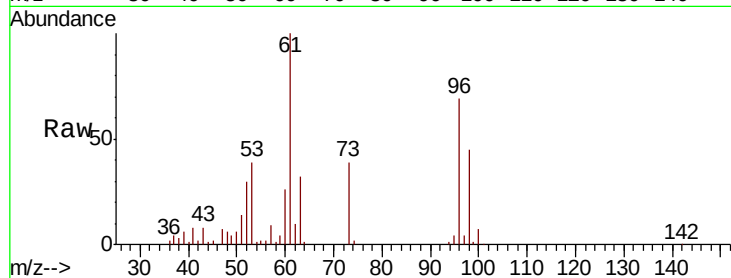
ClientSampleId :

VX1008WBS01

Tot Ion:	96	Resp:	41143
Ion	Ratio	Lower	Upper
96	100		
61	144.6	110.4	165.6
98	64.5	51.5	77.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.632 ug/l

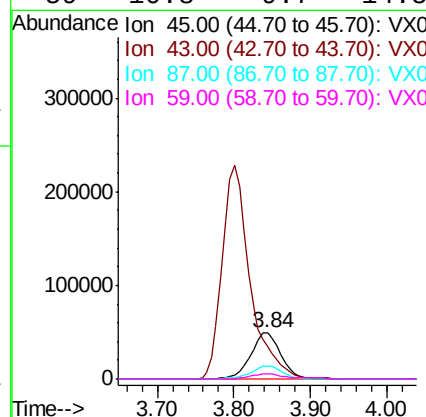
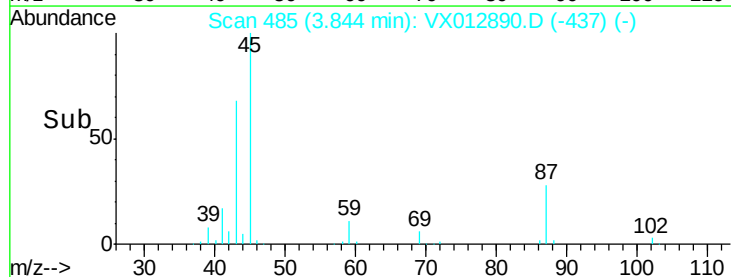
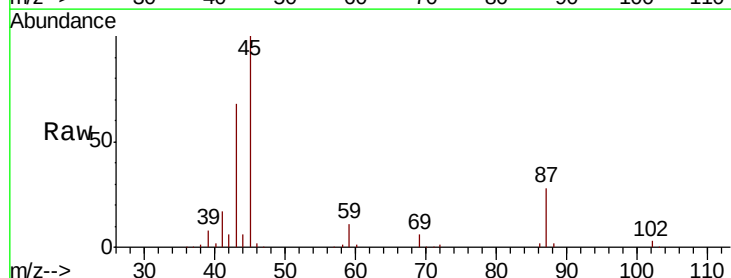
RT: 3.84 min Scan# 485

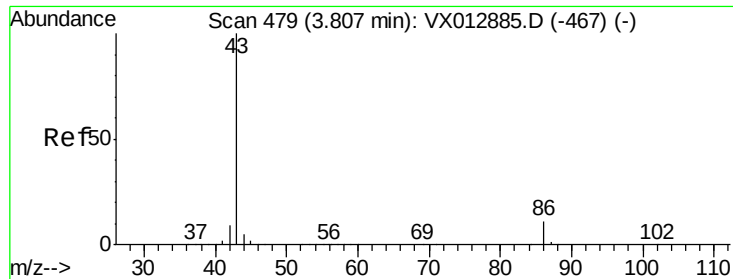
Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Tgt Ion:	45	Resp:	134991
Ion	Ratio	Lower	Upper
45	100		
43	67.9	51.4	77.0
87	27.8	22.5	33.7
59	10.8	9.7	14.5





#23

Vinyl Acetate

Concen: 103.083 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tot Ion: 43 Resp: 582238

Ion Ratio Lower Upper

43 100

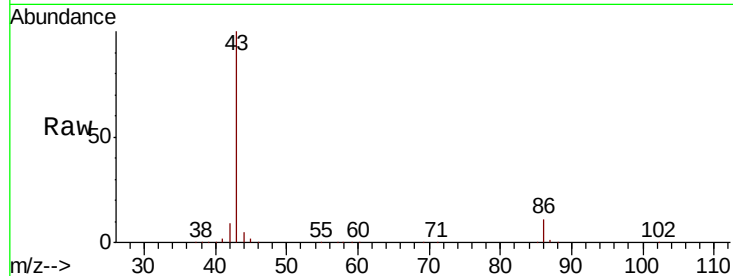
86 11.1 9.0 13.6

Manual Integrations

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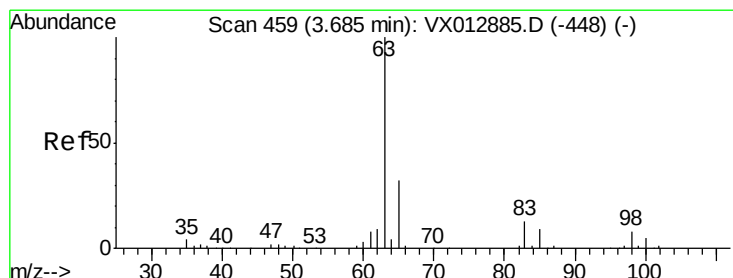
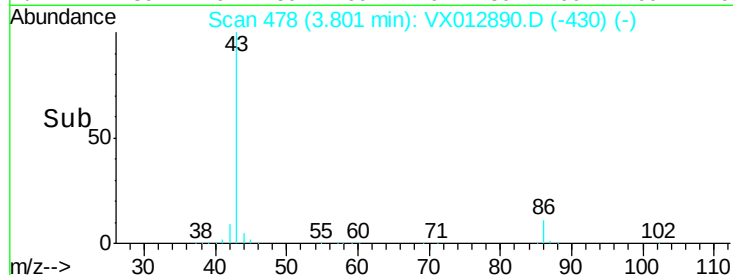
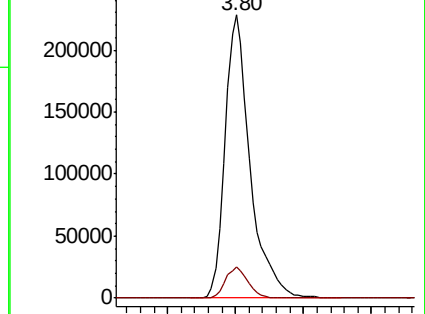
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.173 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

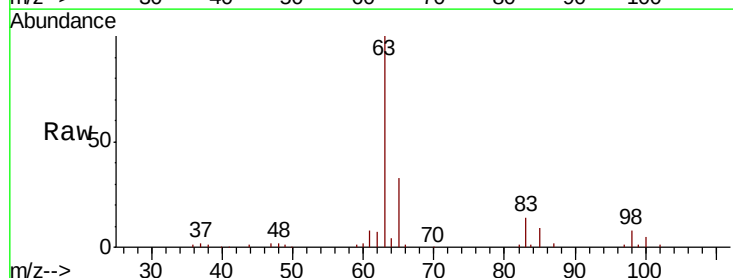
Tgt Ion: 63 Resp: 74254

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

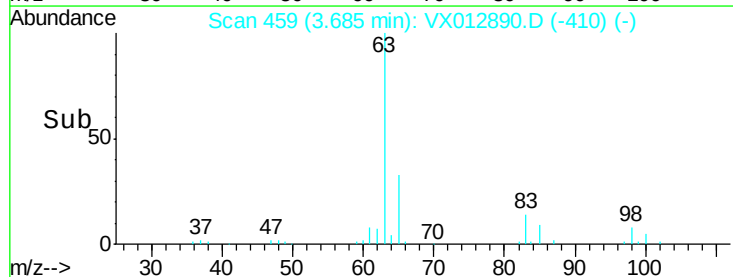
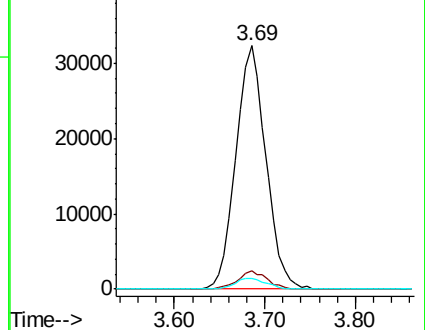
100 4.6 2.3 6.9

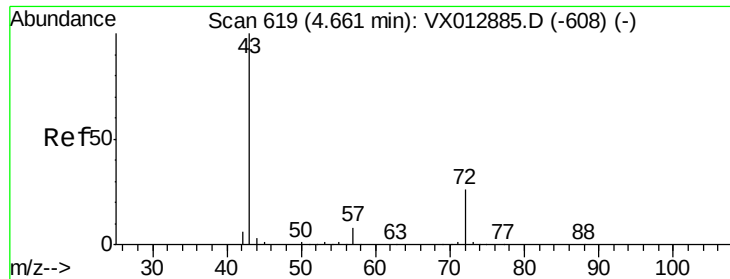


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.688 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tot Ion: 43 Resp: 167673

Ion Ratio Lower Upper

43 100

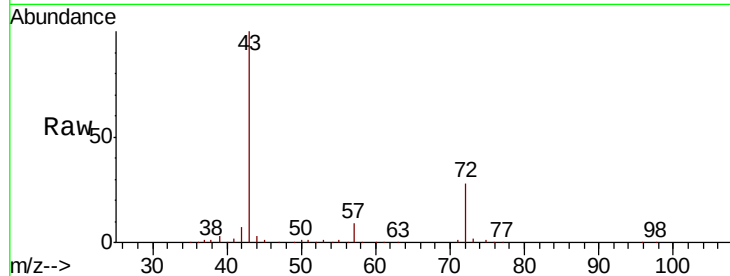
72 27.7 21.0 31.6

Manual Integrations

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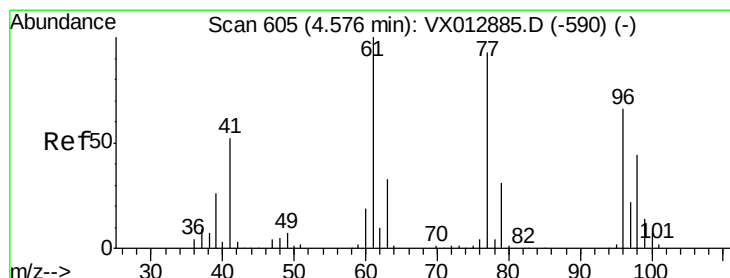
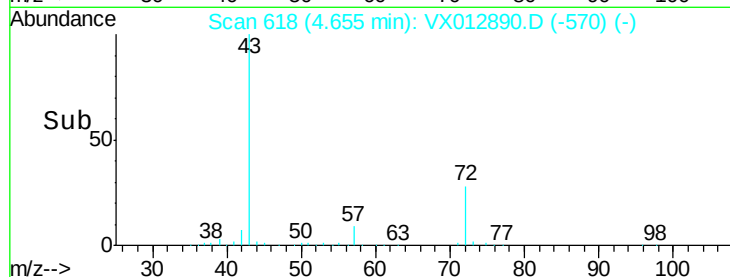
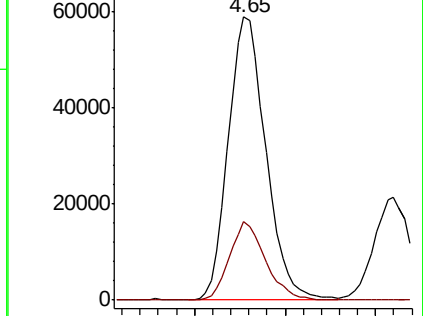
MMDadoda

10/9/2019 10:36:33 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.356 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX012890.D

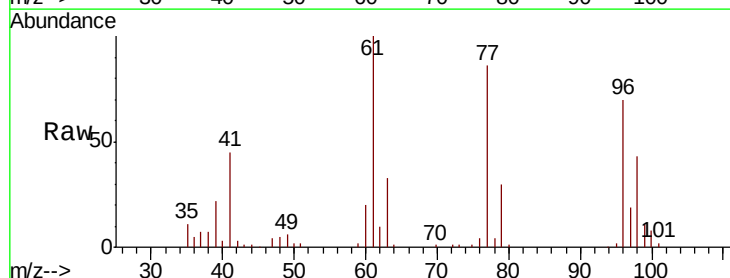
Acq: 08 Oct 2019 15:30

Tgt Ion: 77 Resp: 63006

Ion Ratio Lower Upper

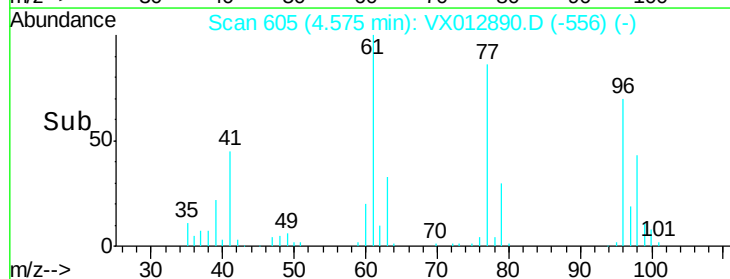
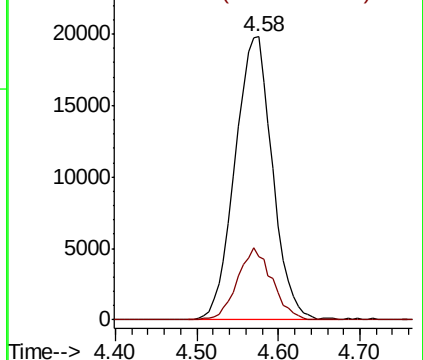
77 100

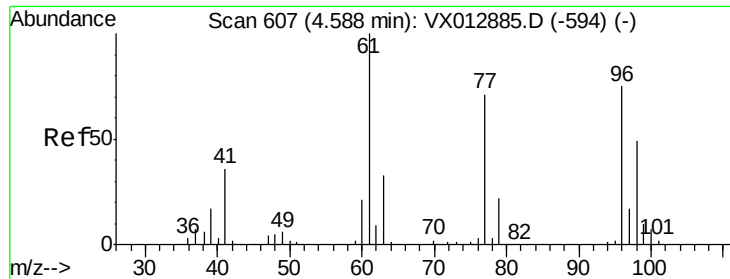
97 23.5 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

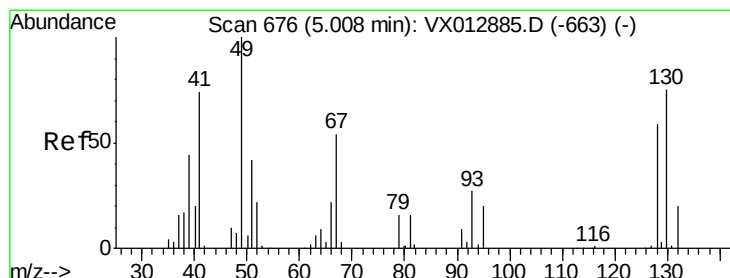
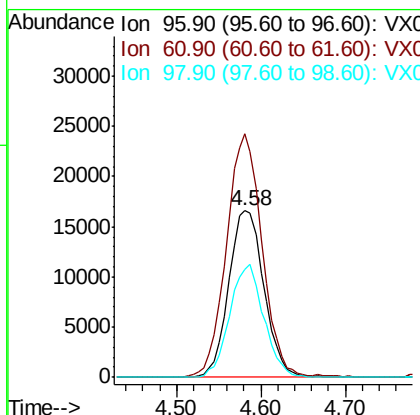
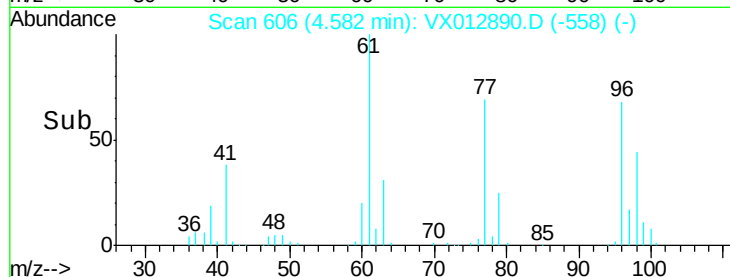
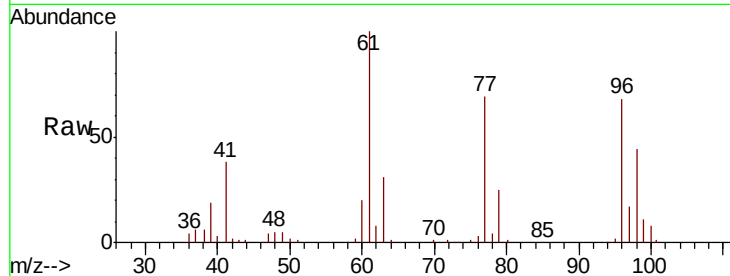
cis-1,2-Dichloroethene
Concen: 19.886 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	47105		
61	148.2		0.0	290.6
98	65.3		0.0	128.8

Manual Integrations
APPROVED

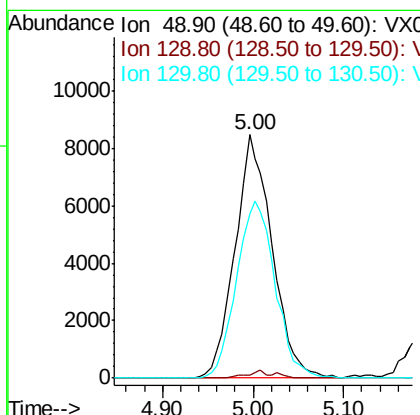
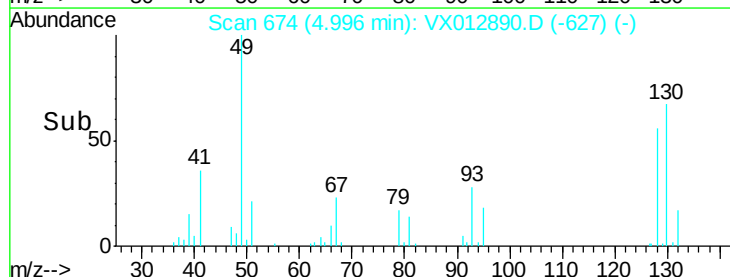
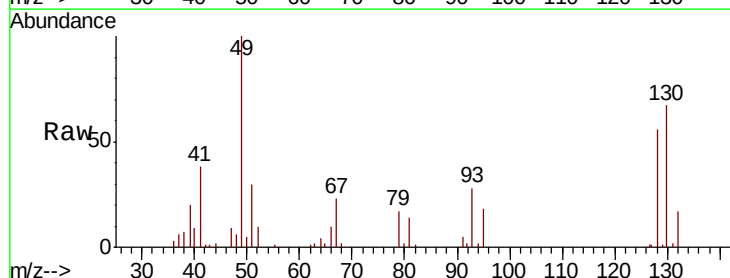
MMDadoda
10/9/2019 10:36:33 AM

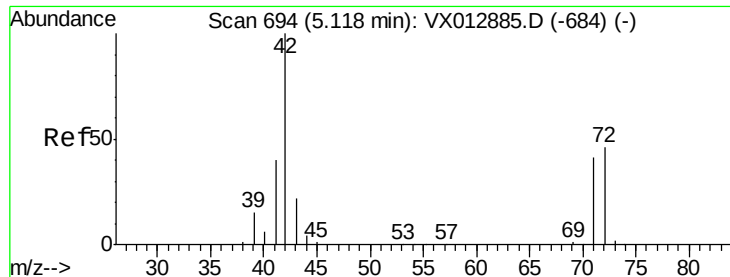


#28

Bromochloromethane
Concen: 21.494 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	23925		
129	1.6		0.0	4.2
130	76.2		62.1	93.1





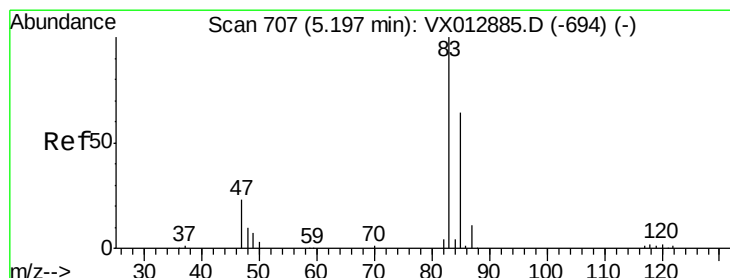
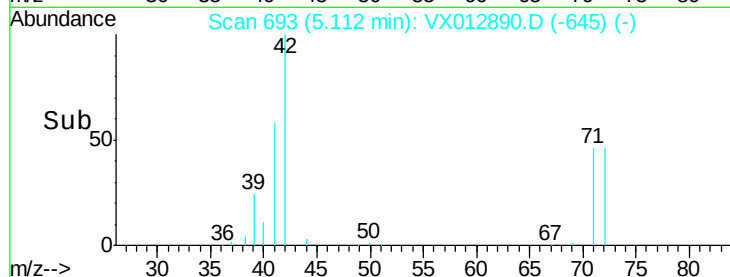
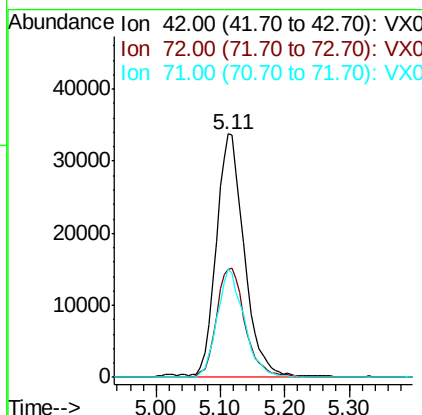
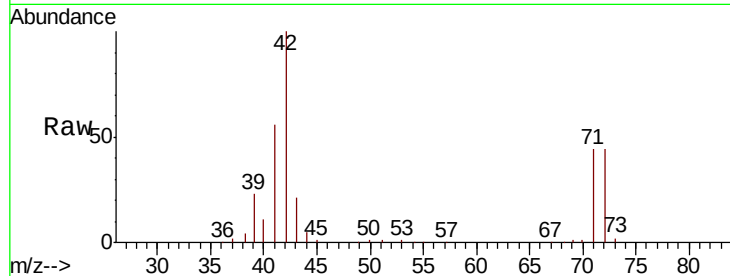
#29
Tetrahydrofuran
Concen: 96.865 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	36.9	55.3
71	43.0	33.5	50.3

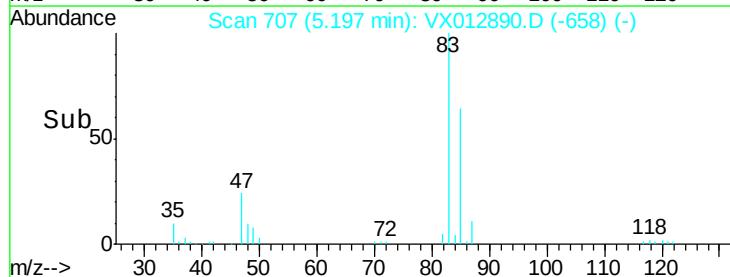
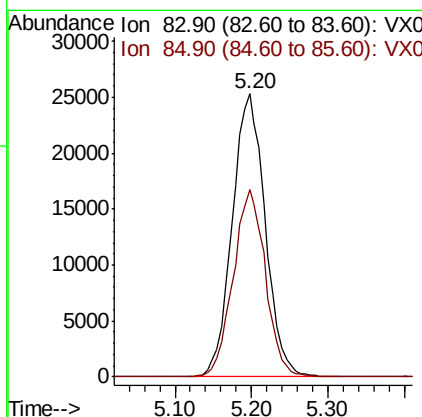
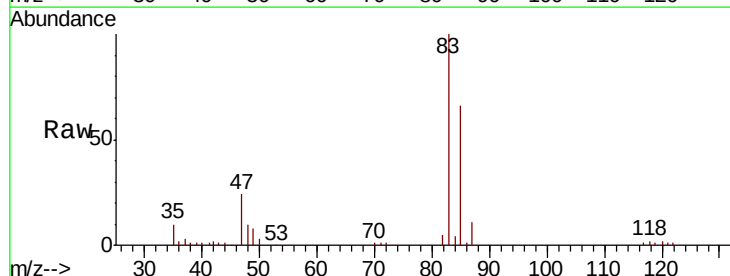
Manual Integrations
APPROVED

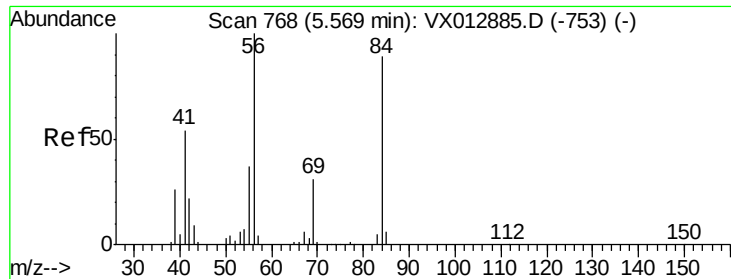
MMDadoda
10/9/2019 10:36:33 AM



#30
Chloroform
Concen: 19.951 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.5	77.3





#31

Cyclohexane

Concen: 20.585 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

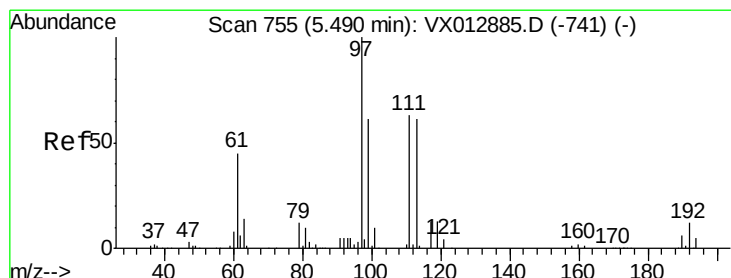
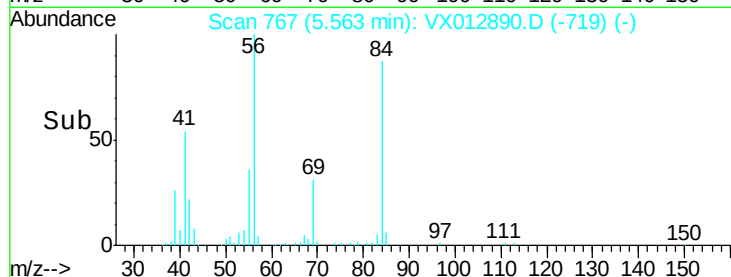
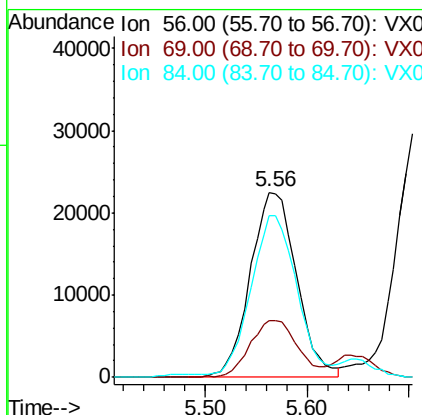
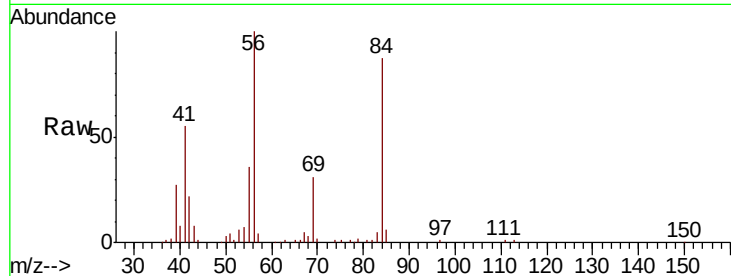
ClientSampleId :

VX1008WBS01

Tot Ion:	56	Resp:	70849
Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.2	37.8
84	85.6	71.3	106.9

Manual Integrations
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10/9/2019 10:36:33 AM



#32

1,1,1-Trichloroethane

Concen: 20.646 ug/l

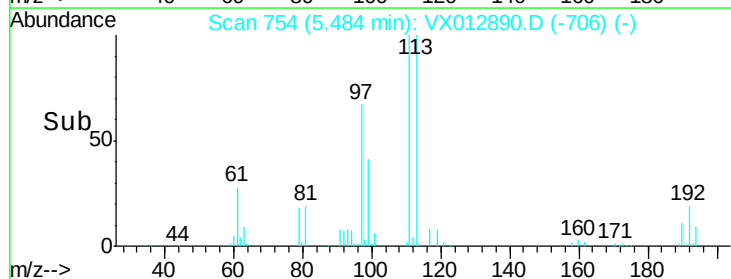
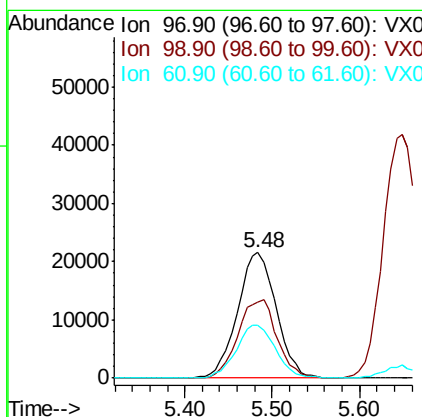
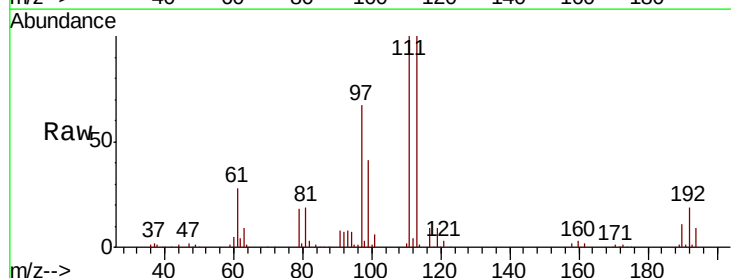
RT: 5.48 min Scan# 754

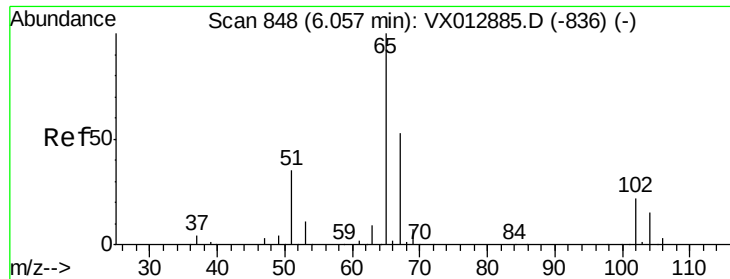
Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Tgt Ion:	97	Resp:	66071
Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.3	78.5
61	42.9	35.0	52.4





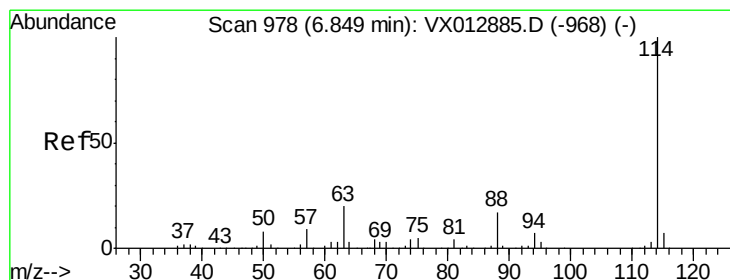
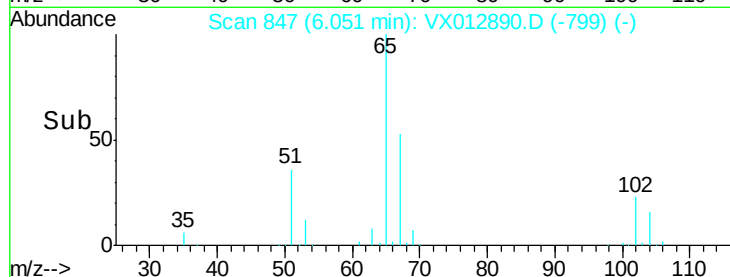
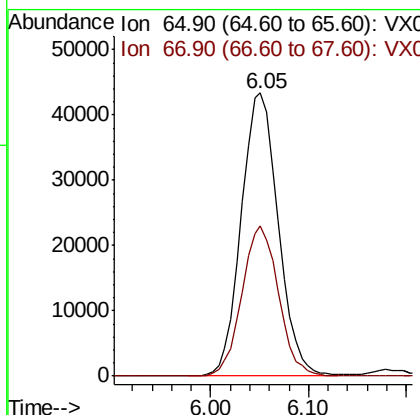
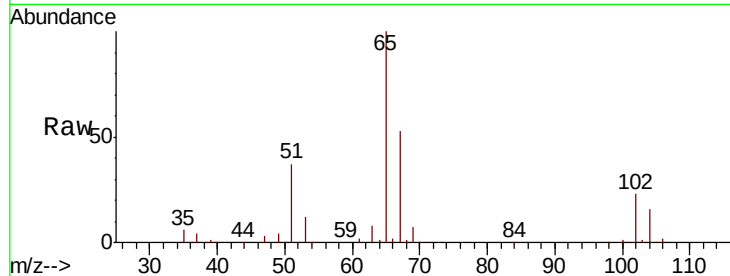
#33
 1,2-Dichloroethane-d4
 Concen: 48.224 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	114358		
67	52.3	0.0	104.4	

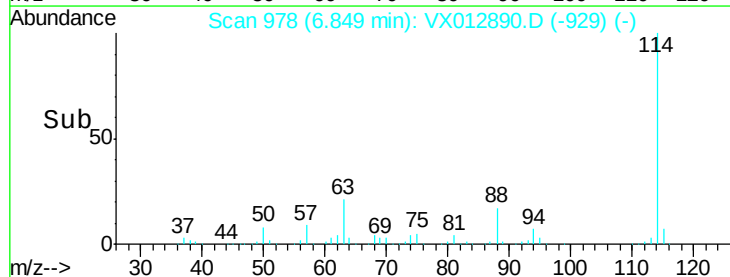
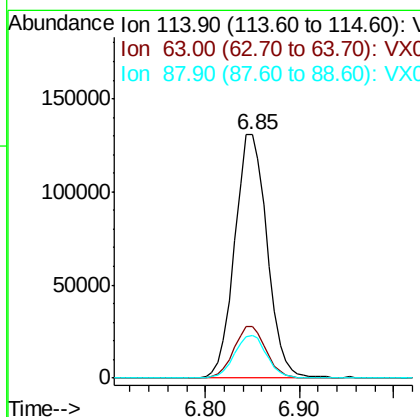
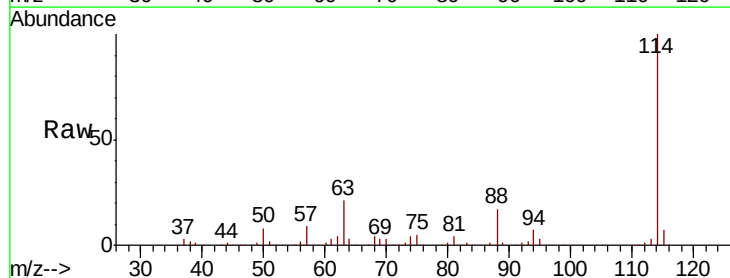
Manual Integrations
 APPROVED

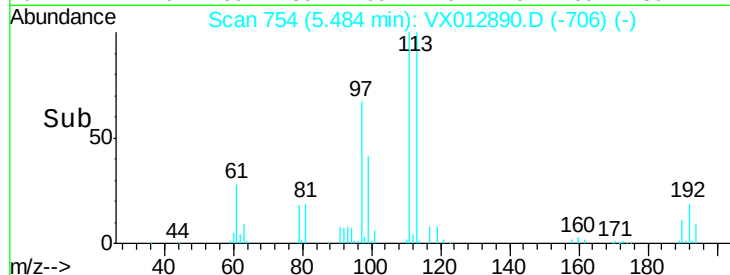
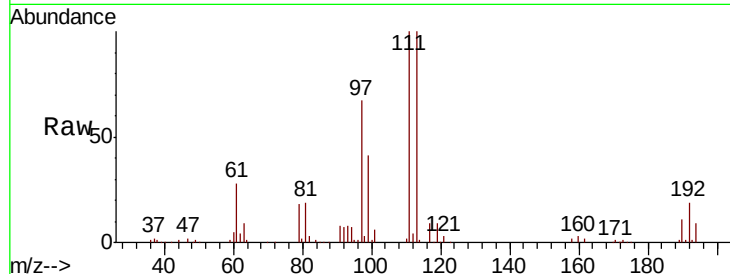
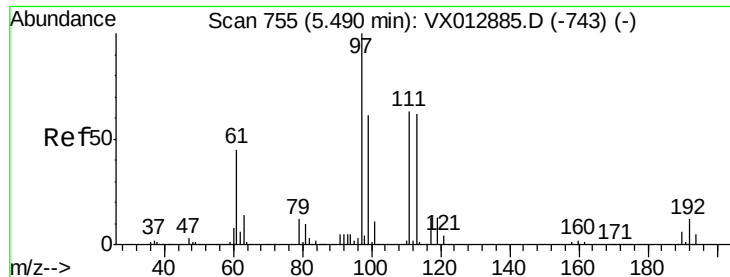
MMDadoda
 10/9/2019 10:36:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	314394		
63	21.1	0.0	40.8	
88	17.3	0.0	33.8	





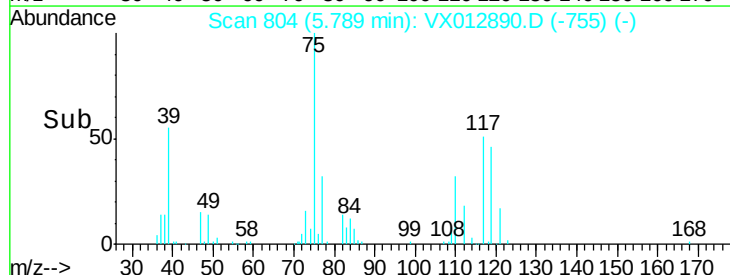
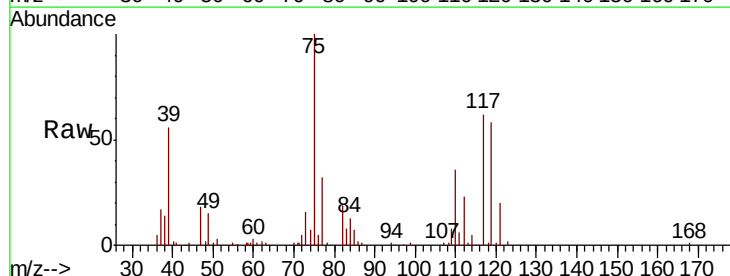
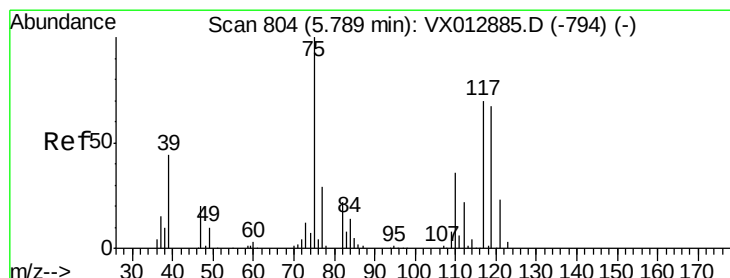
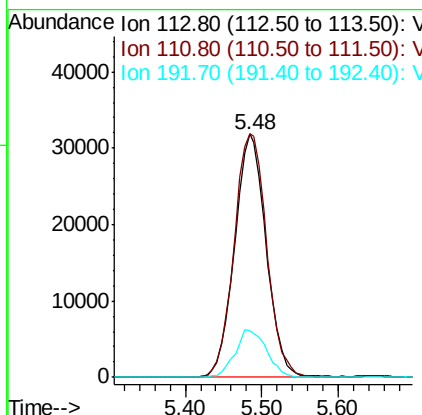
#35
Dibromofluoromethane
Concen: 50.264 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tot Ion	Ratio	Resp	Lower	Upper
113	100	90700		
111	103.5	83.2	124.8	
192	19.6	15.4	23.2	

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

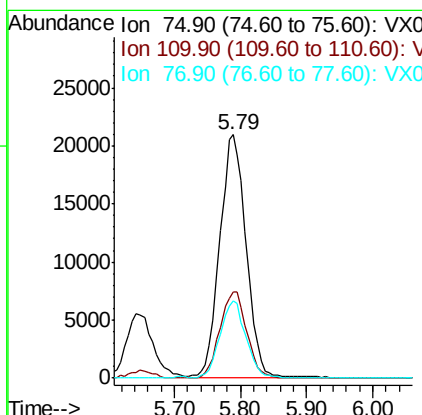
Manual Integrations
APPROVED

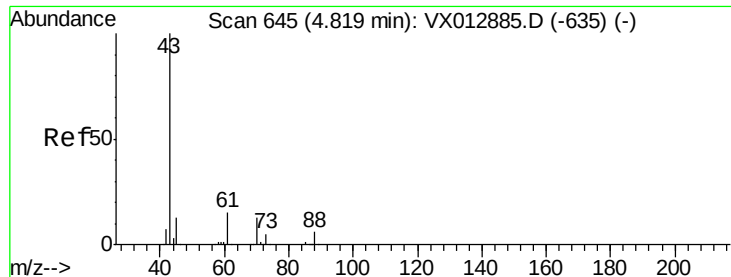
MMDadoda
10/9/2019 10:36:33 AM



#36
1,1-Dichloropropene
Concen: 21.027 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58123		
110	36.1	17.6	52.9	
77	31.1	24.4	36.6	





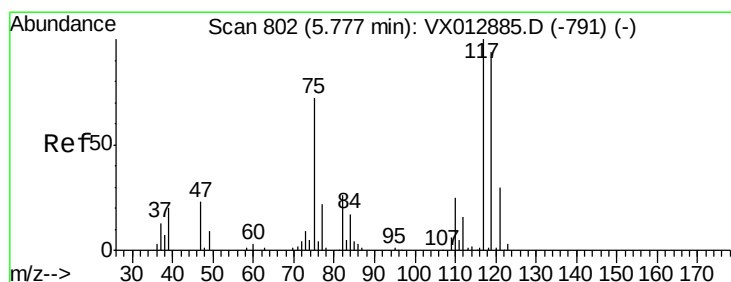
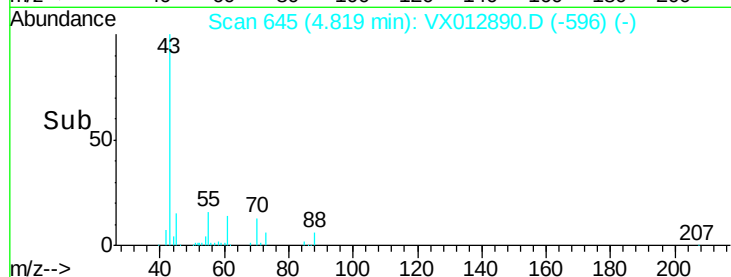
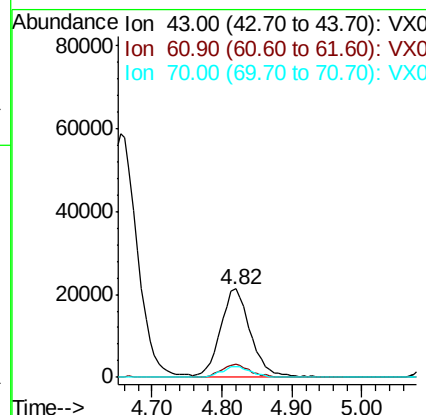
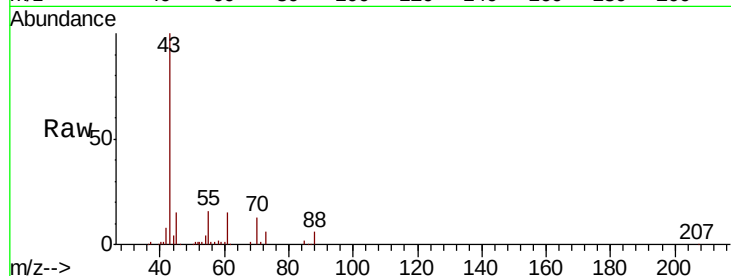
#37
Ethyl Acetate
Concen: 20.281 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.4	17.0
70	12.3	9.8	14.6

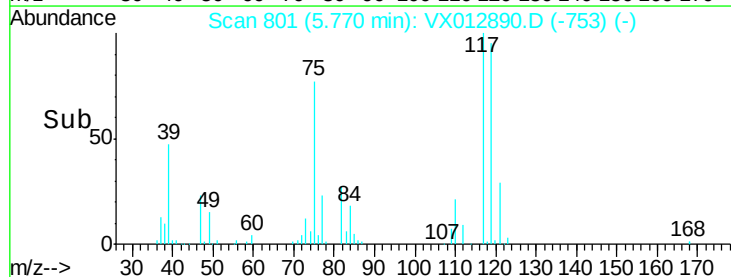
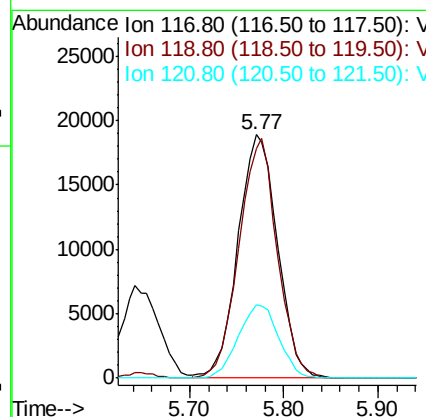
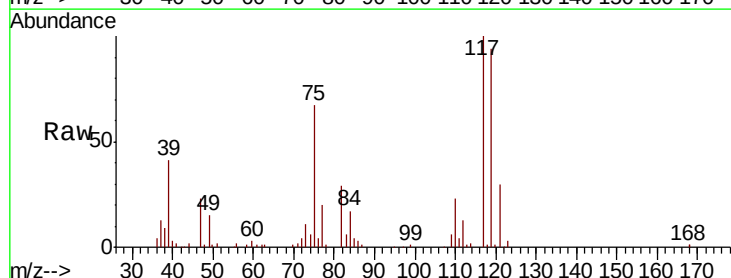
Manual Integrations
APPROVED

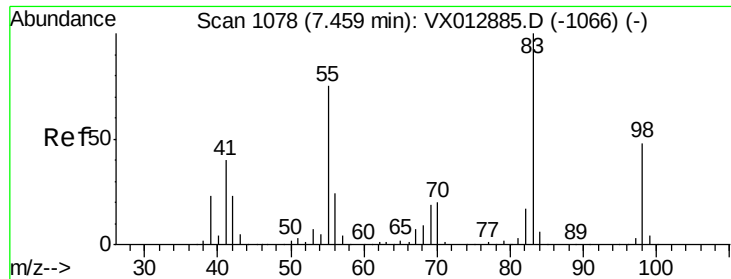
MMDadoda
10/9/2019 10:36:33 AM



#38
Carbon Tetrachloride
Concen: 20.548 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.5	111.7
121	30.1	24.2	36.4





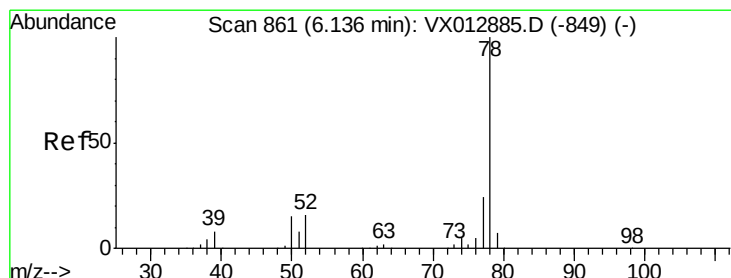
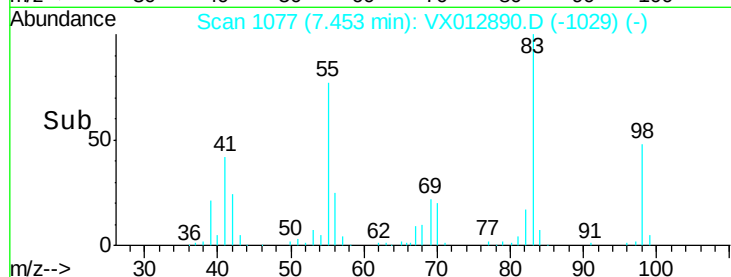
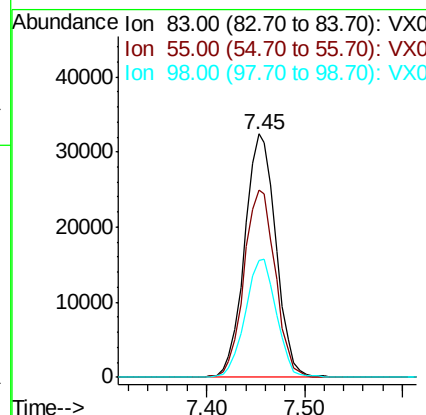
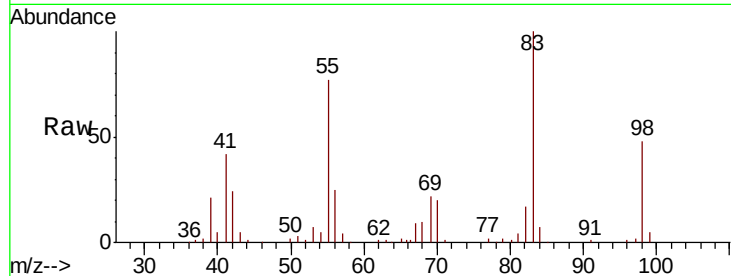
#39
Methylvlcyclohexane
Concen: 21.444 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	83	Resp	71884
Ion	Ratio	Lower	Upper
83	100		
55	77.1	60.2	90.4
98	48.2	38.5	57.7

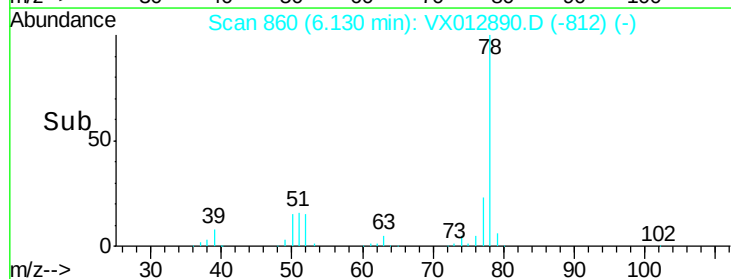
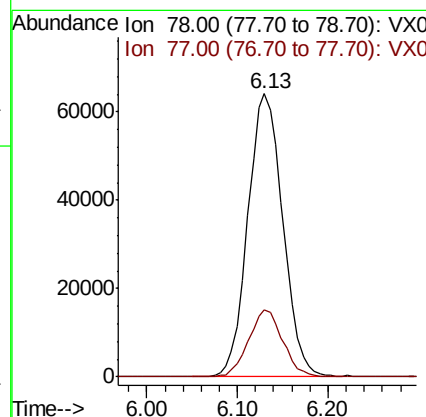
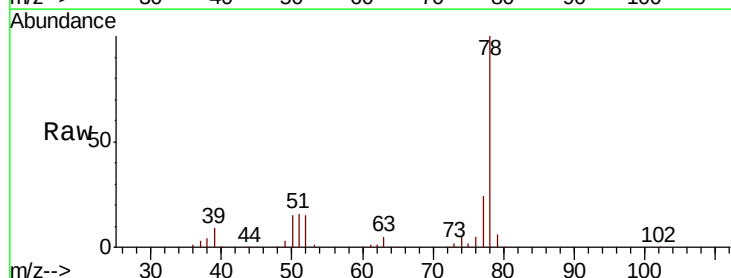
Manual Integrations
APPROVED

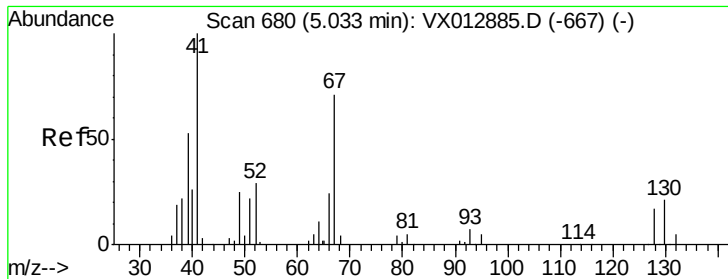
MMDadoda
10/9/2019 10:36:33 AM



#40
Benzene
Concen: 20.990 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	78	Resp	171366
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





#41

Methacrylonitrile

Concen: 19.618 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

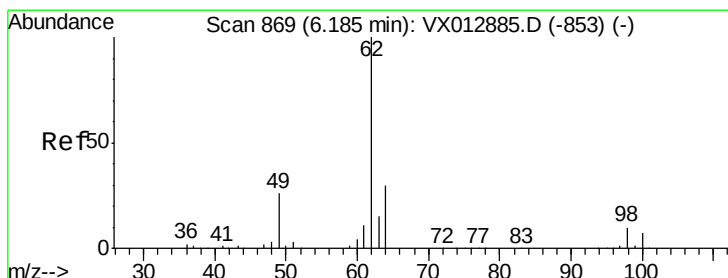
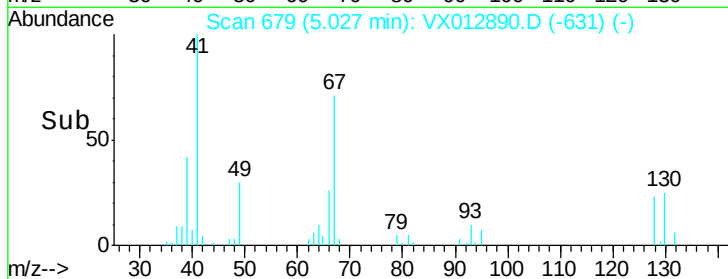
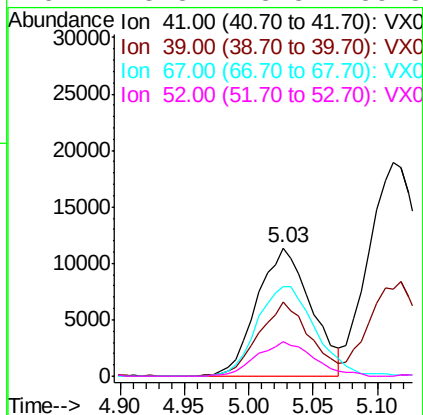
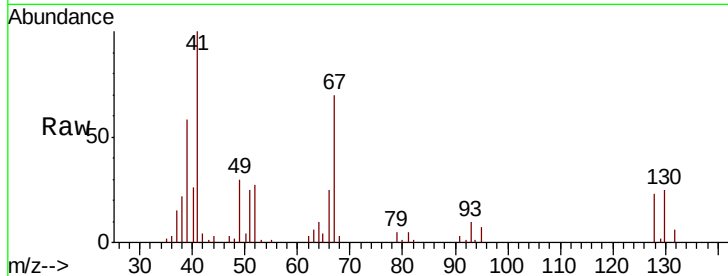
ClientSampleId :

VX1008WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.0	66.0
67	75.0	58.5	87.7
52	28.3	23.8	35.8

Manual Integrations
APPROVED

MMDadoda
10/9/2019 10:36:33 AM



#42

1,2-Dichloroethane

Concen: 20.655 ug/l

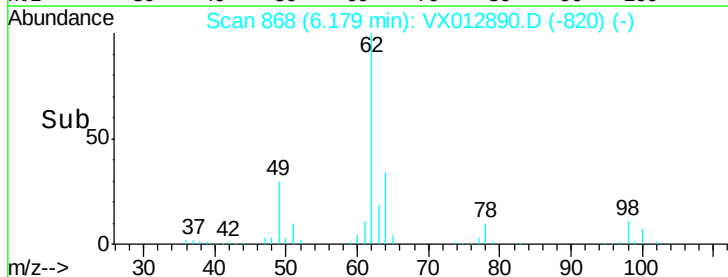
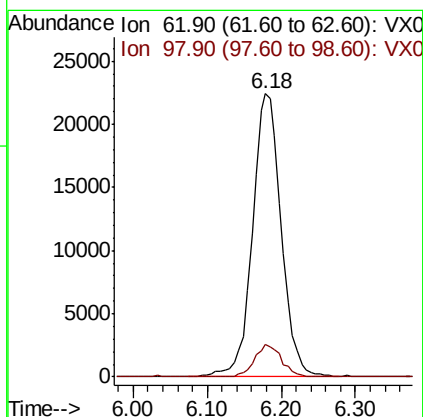
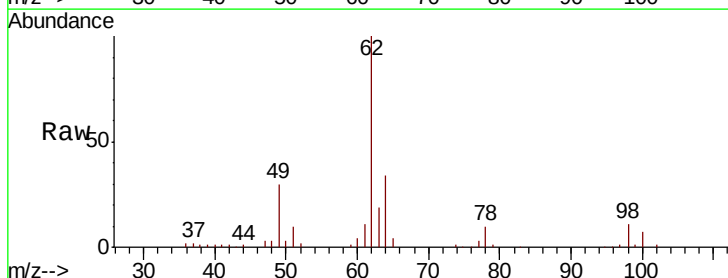
RT: 6.18 min Scan# 868

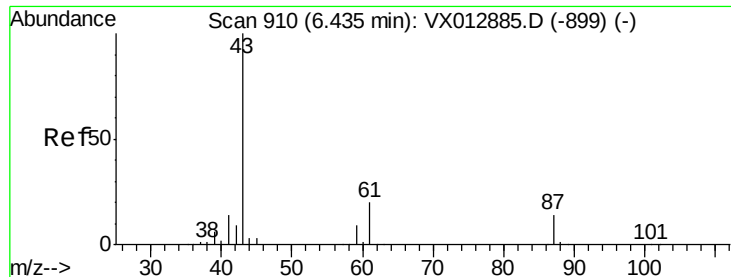
Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.4





#43

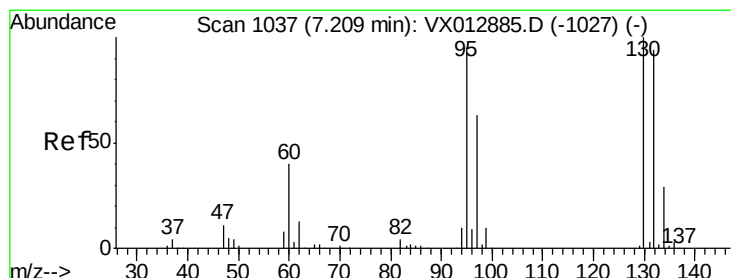
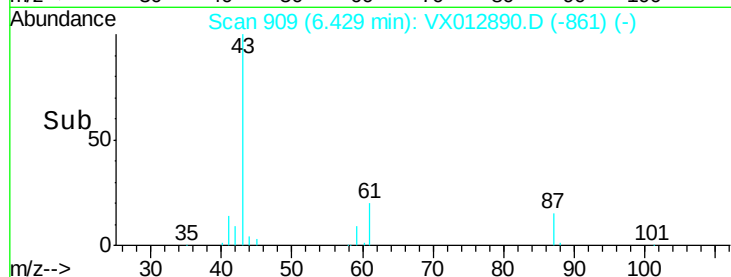
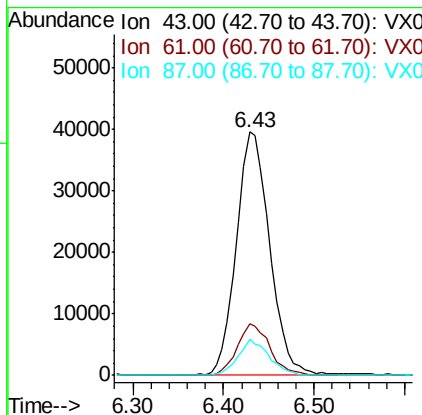
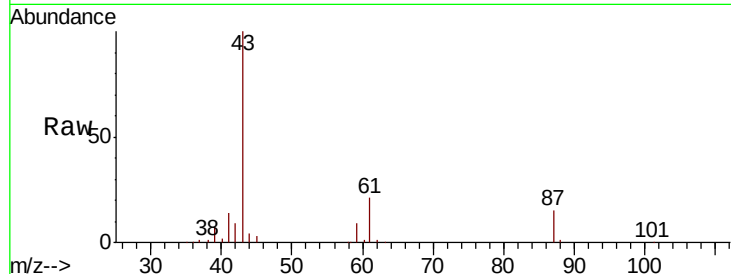
Isopropyl Acetate
 Concen: 20.398 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.6	24.8
87	13.7	11.0	16.6

Manual Integrations
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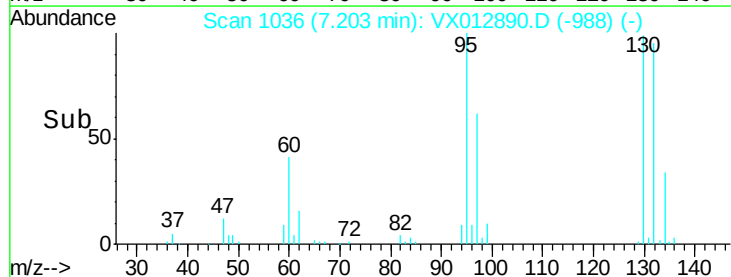
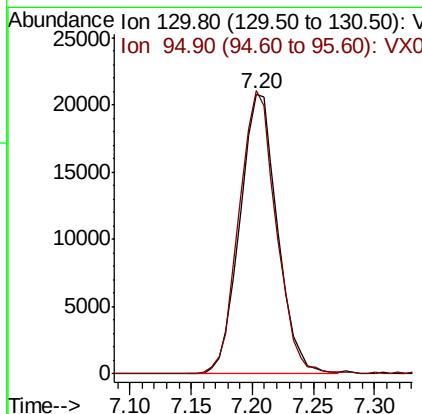
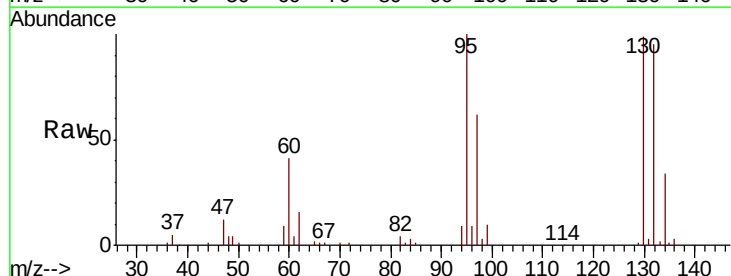
MMDadoda
 10/9/2019 10:36:33 AM

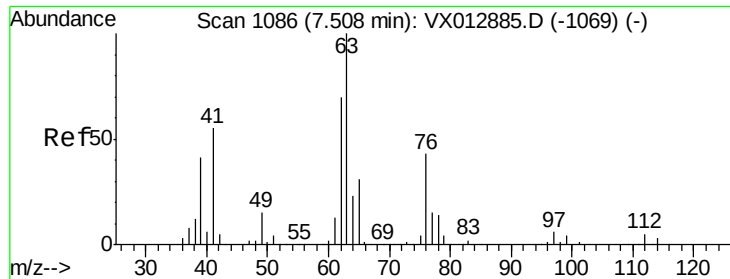


#44

Trichloroethene
 Concen: 19.625 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	189.2





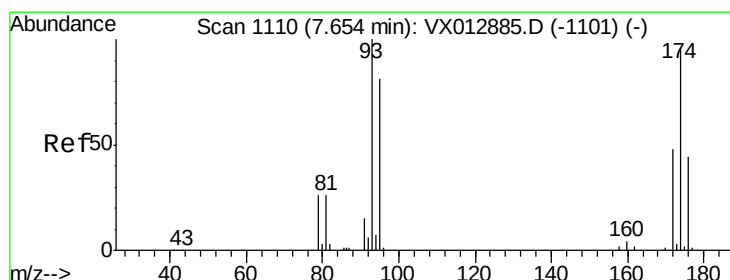
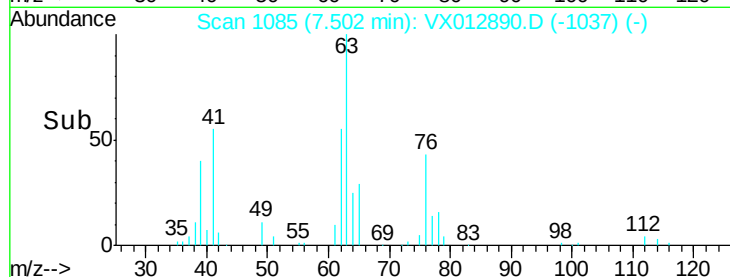
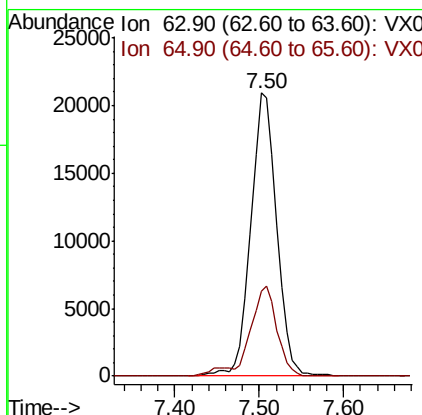
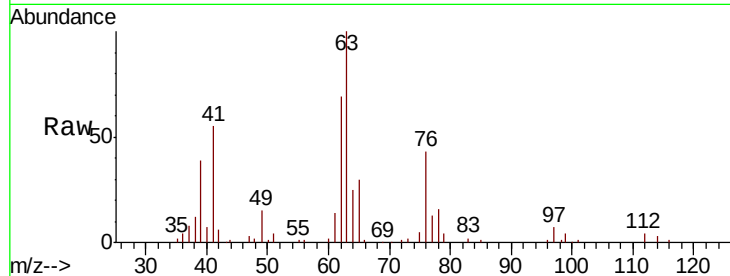
#45
 1,2-Dichloropropane
 Concen: 20.930 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tot Ion: 63 Resp: 43549
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 37.0

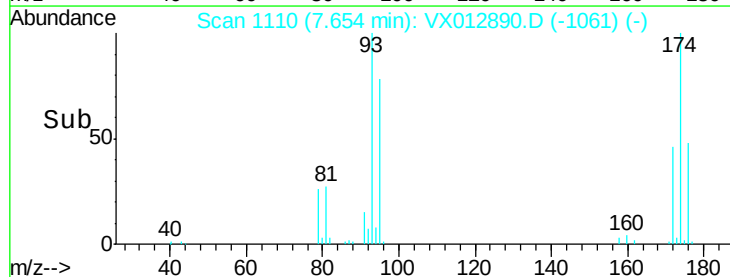
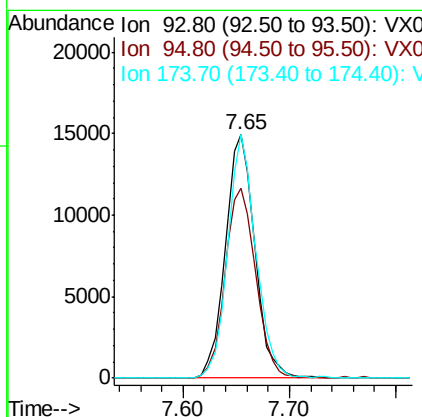
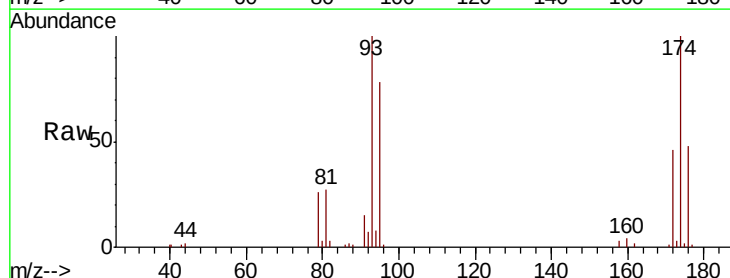
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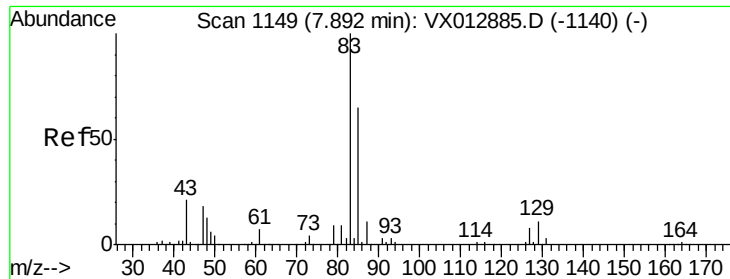
MMDadoda
 10/9/2019 10:36:33 AM



#46
 Dibromomethane
 Concen: 20.864 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion: 93 Resp: 28924
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.3 99.5
 174 95.4 77.8 116.6





#47

Bromodichloromethane

Concen: 20.533 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

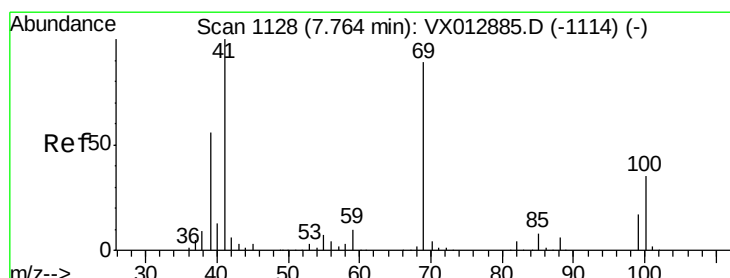
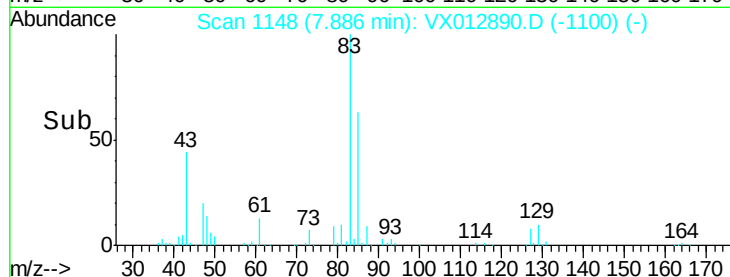
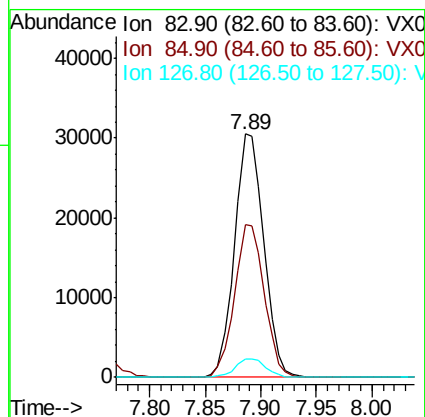
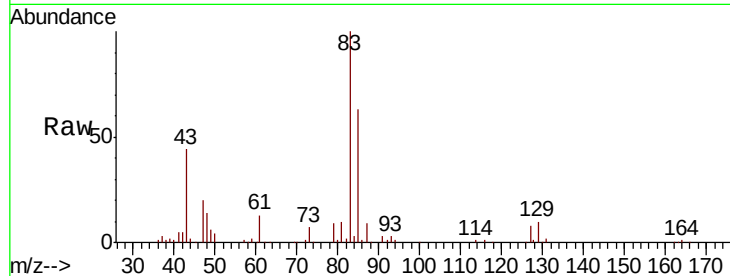
ClientSampleId :

VX1008WBS01

Tot Ion:	83	Resp:	55550
Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.4	78.6
127	7.6	6.6	10.0

Manual Integrations
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MMDadoda
10/9/2019 10:36:33 AM



#48

Methyl methacrylate

Concen: 20.229 ug/l

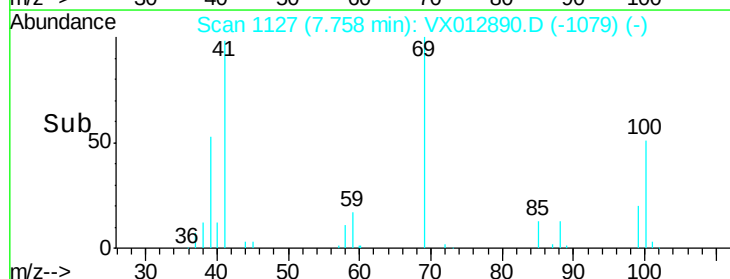
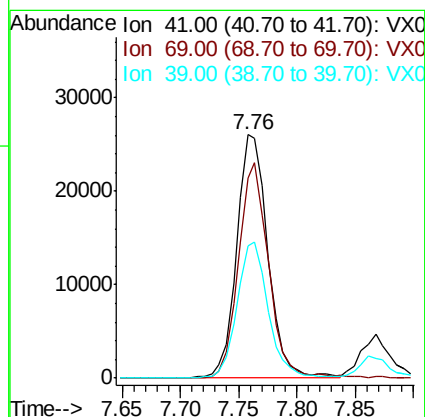
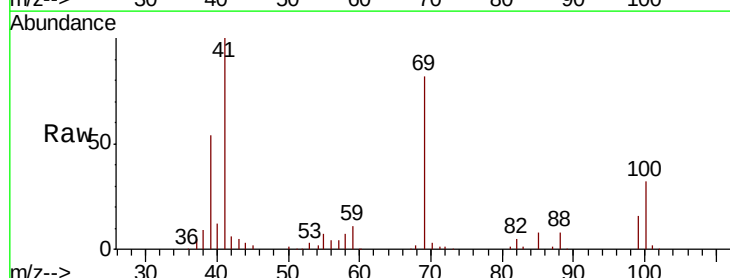
RT: 7.76 min Scan# 1127

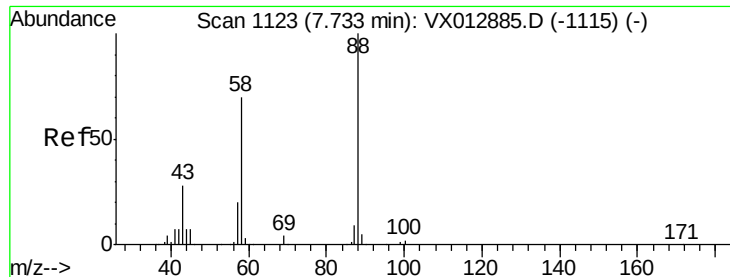
Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Tgt Ion:	41	Resp:	48903
Ion	Ratio	Lower	Upper
41	100		
69	85.1	68.7	103.1
39	55.7	44.3	66.5





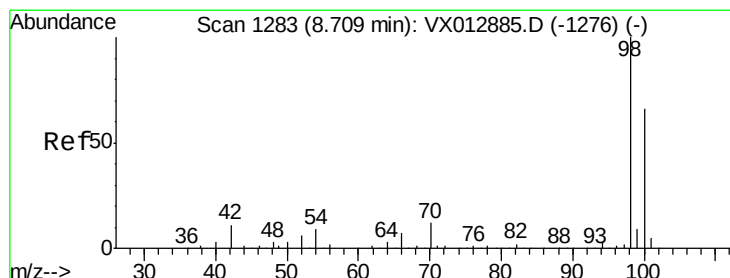
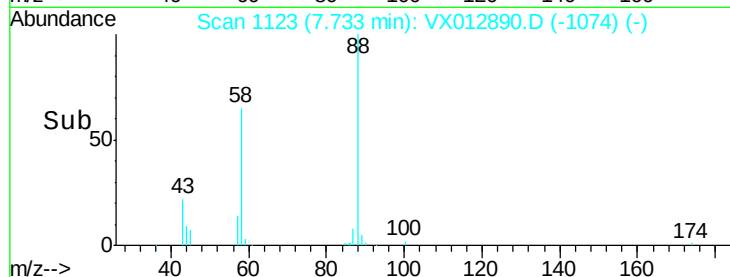
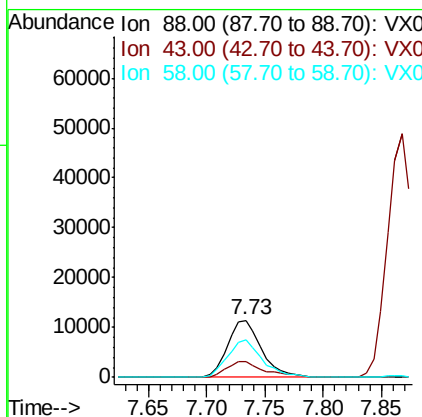
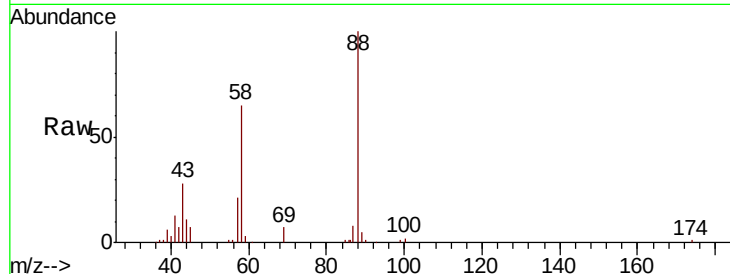
#49
1,4-Dioxane
Concen: 378.762 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.0	37.6
58	67.7	55.4	83.2

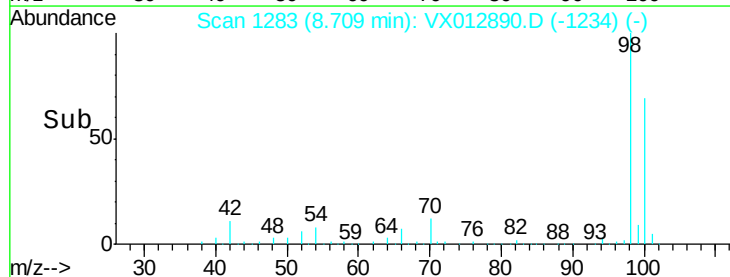
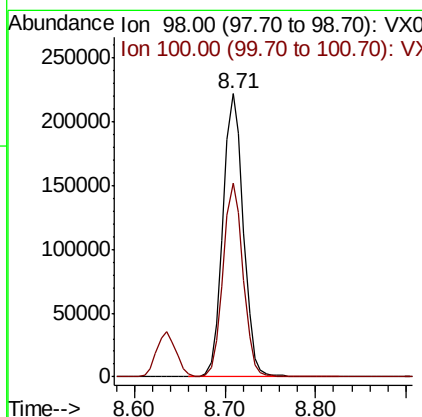
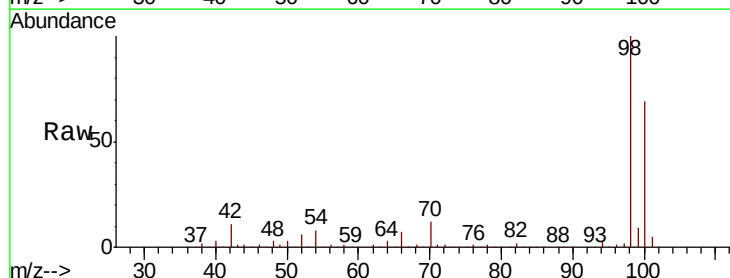
Manual Integrations
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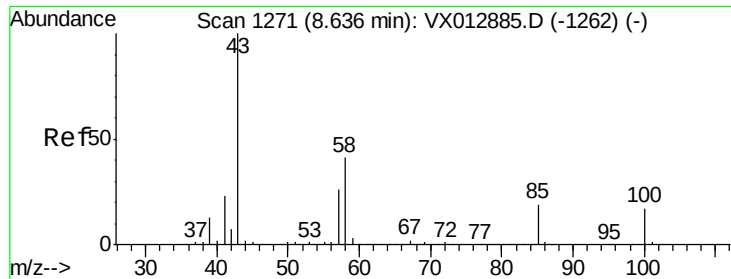
MMDadoda
10/9/2019 10:36:33 AM



#50
Toluene-d8
Concen: 49.586 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2





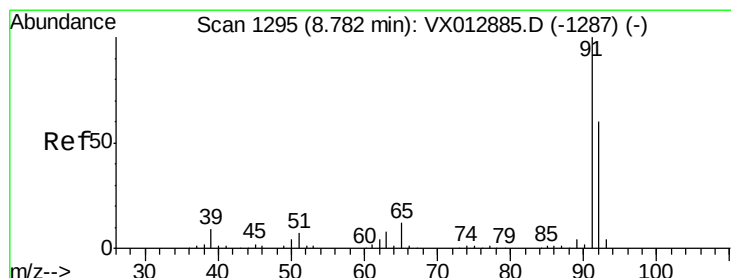
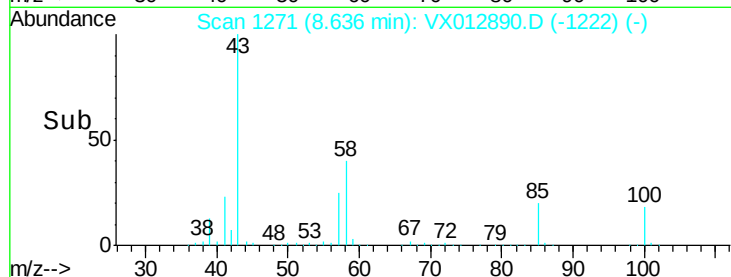
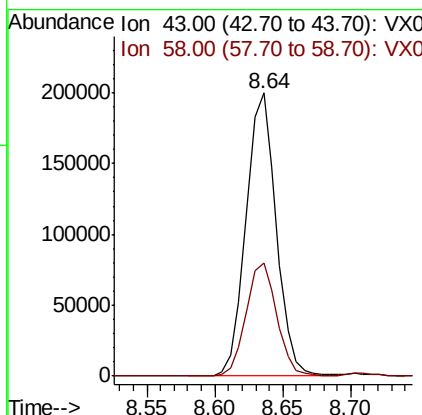
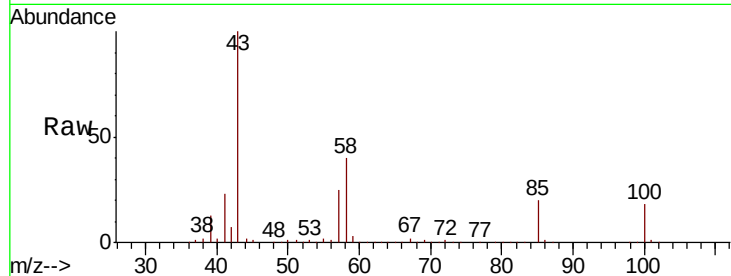
#51
4-Methyl-2-Pentanone
Concen: 100.699 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	43	58	Resp	Lower	Upper
311466	100	40.5		32.4	48.6

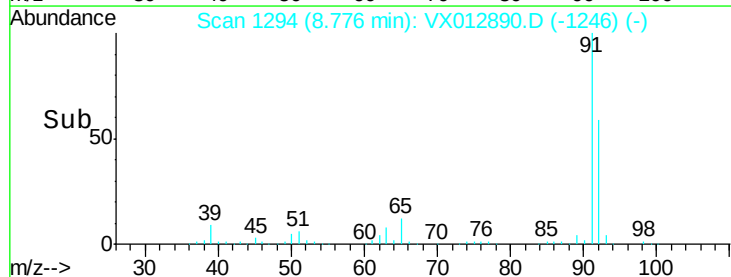
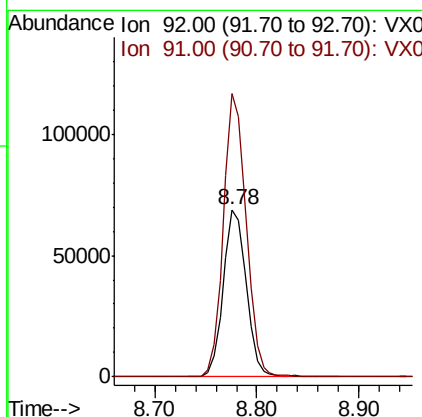
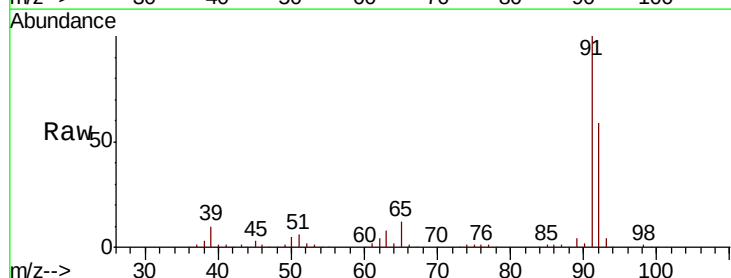
Manual Integrations
APPROVED

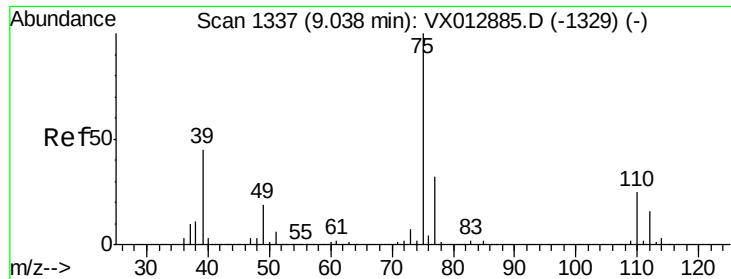
MMDadoda
10/9/2019 10:36:33 AM



#52
Toluene
Concen: 20.733 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	92	91	Resp	Lower	Upper
108289	100	167.5		135.9	203.9





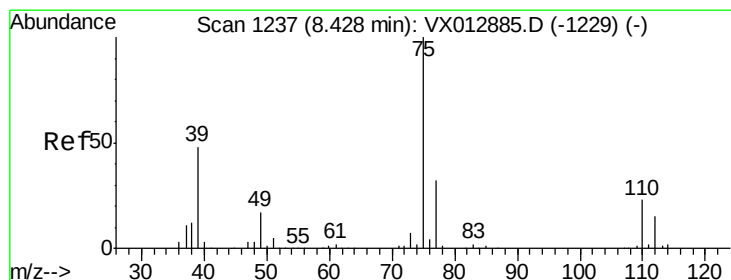
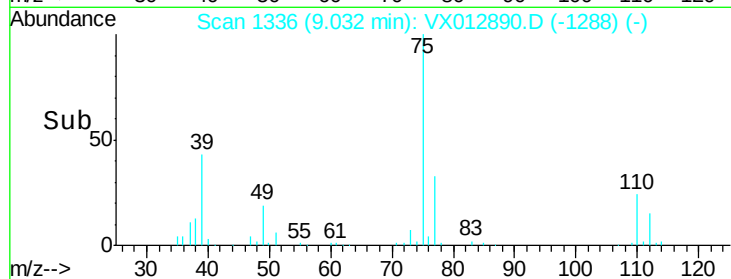
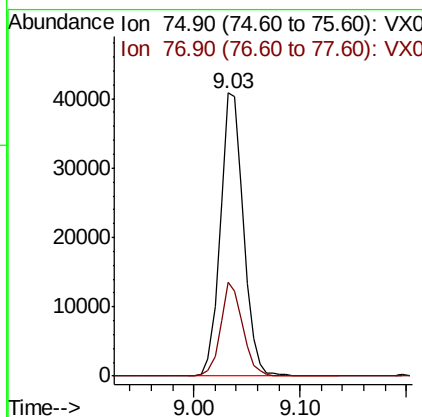
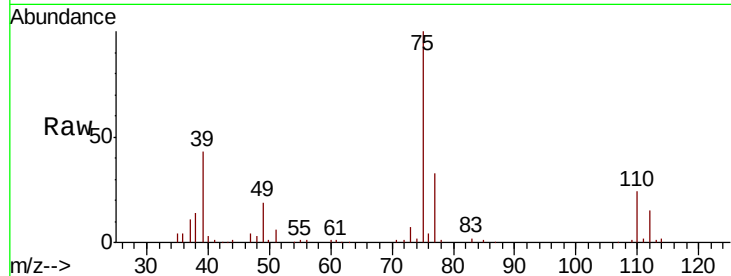
#53
t-1,3-Dichloropropene
Concen: 19.678 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion: 75 Resp: 61795
Ion Ratio Lower Upper
75 100
77 33.3 25.8 38.6

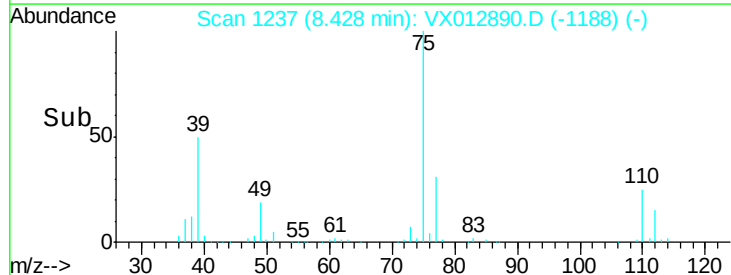
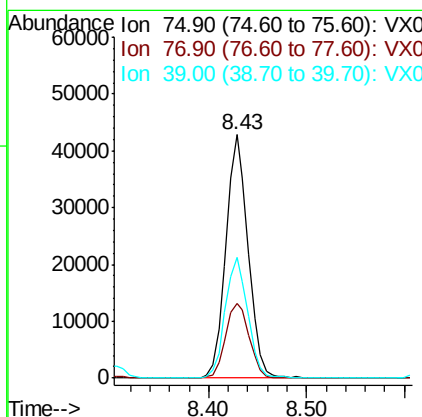
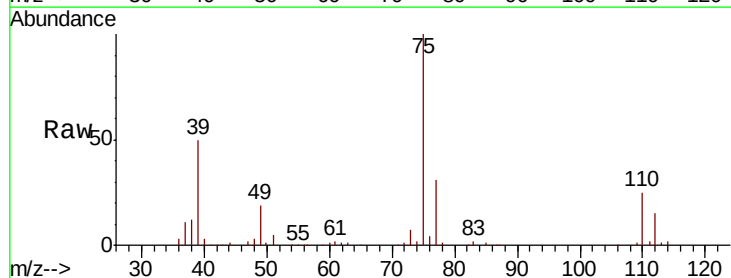
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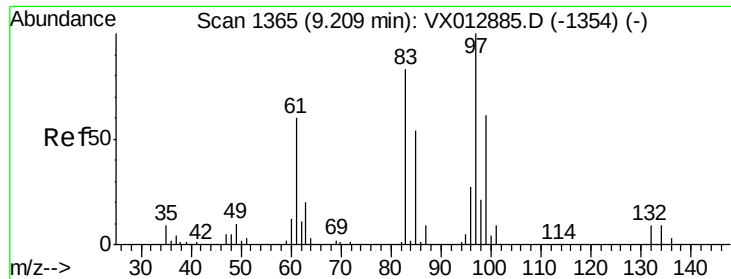
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.239 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion: 75 Resp: 67342
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.8
39 49.6 38.2 57.2





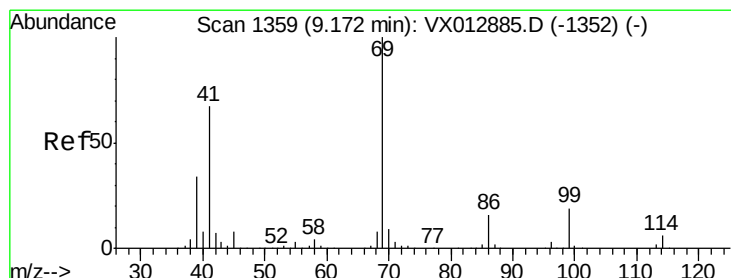
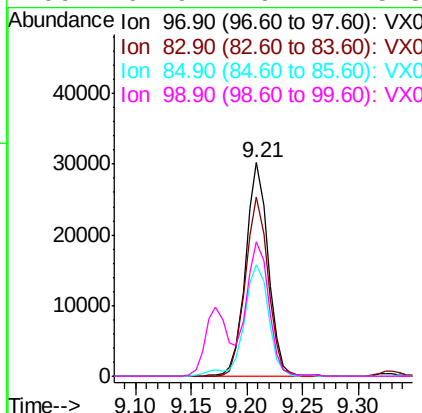
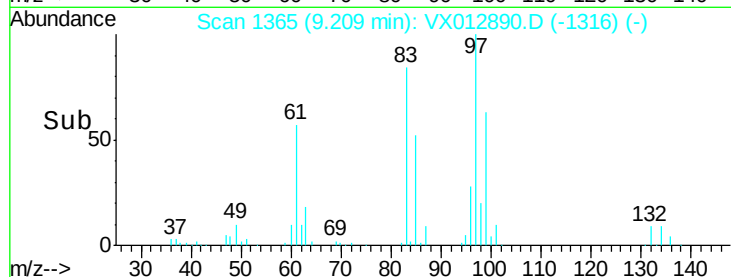
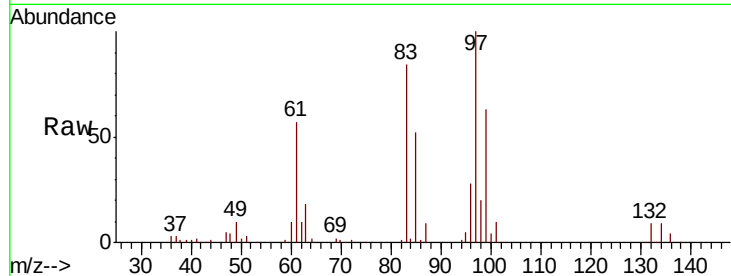
#55
 1,1,2-Trichloroethane
 Concen: 20.663 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		42709		
83	84.0	66.5	99.7		
85	52.0	43.1	64.7		
99	62.9	49.2	73.8		

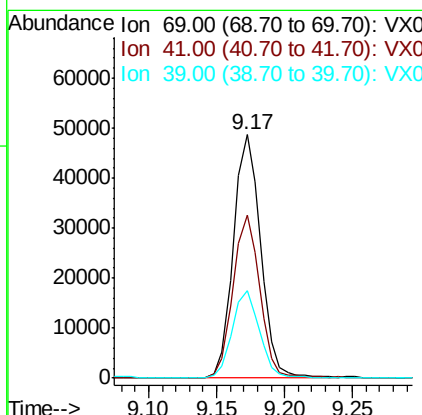
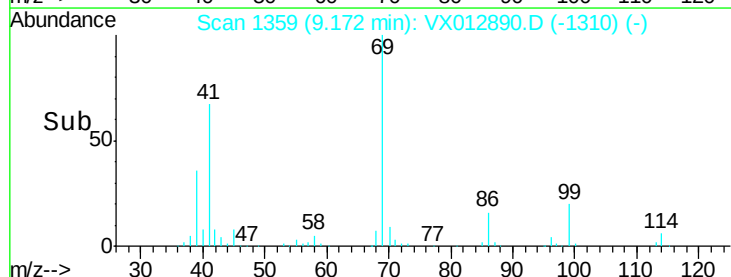
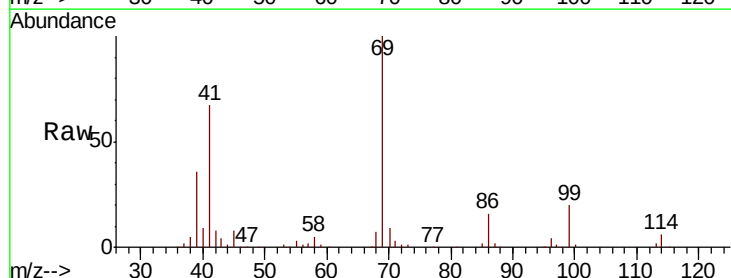
Manual Integrations
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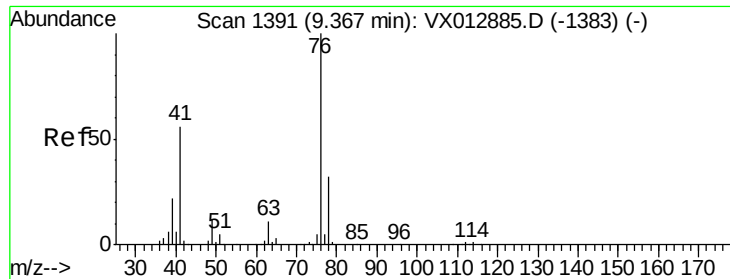
MMDadoda
 10/9/2019 10:36:33 AM



#56
 Ethyl methacrylate
 Concen: 19.539 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		68034		
41	66.7	52.1	78.1		
39	36.3	27.8	41.8		





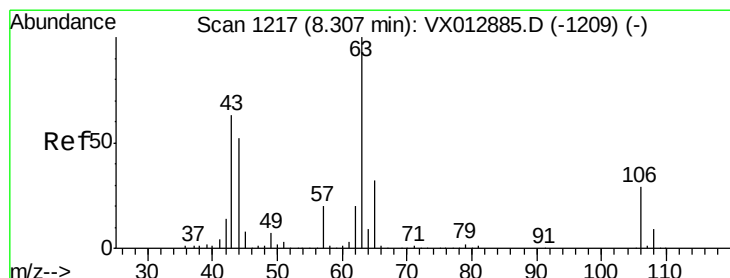
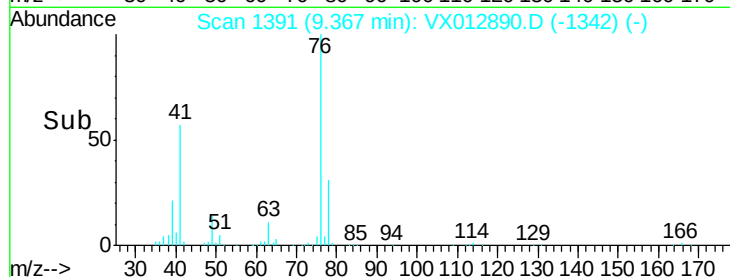
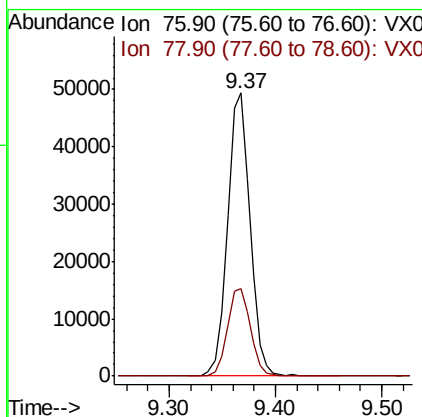
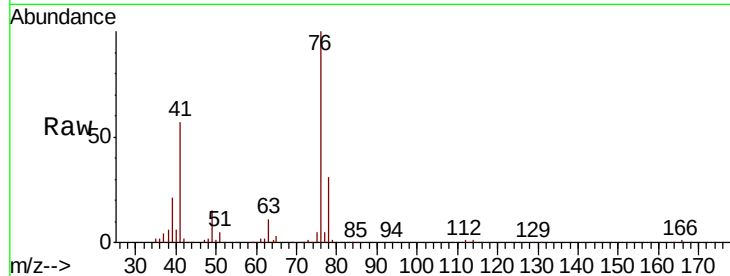
#57
 1,3-Dichloropropane
 Concen: 20.455 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tot Ion: 76 Resp: 73136
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.1 39.1

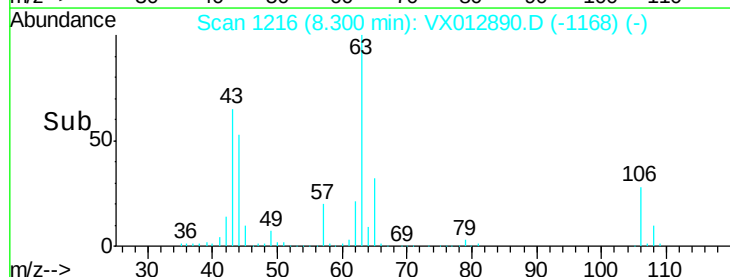
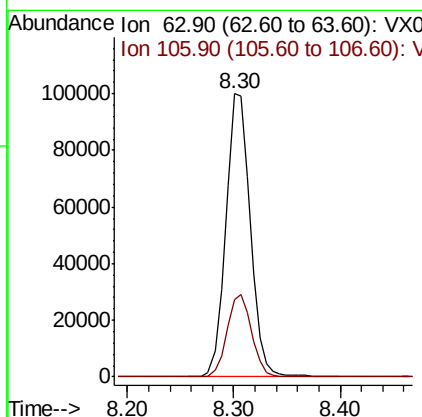
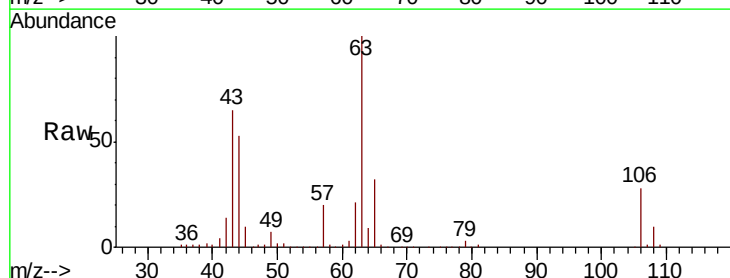
Manual Integrations
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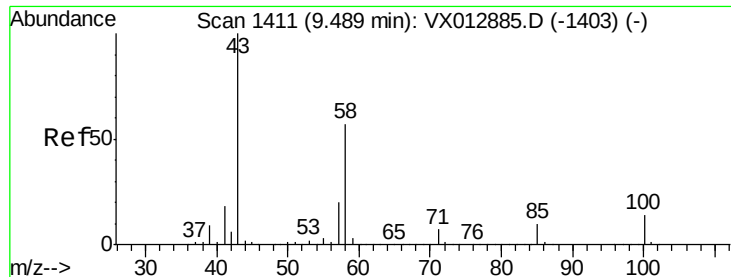
MMDadoda
 10/9/2019 10:36:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.294 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion: 63 Resp: 161400
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.8 35.8





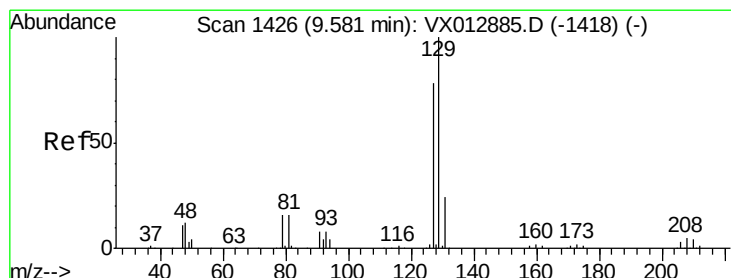
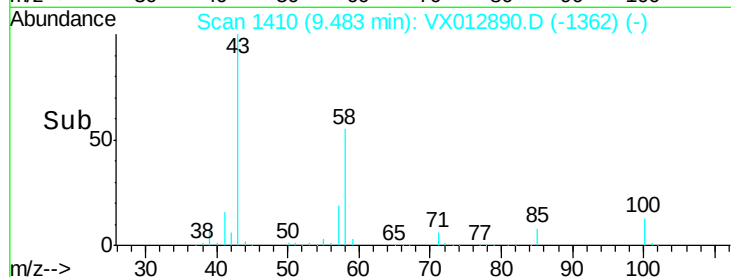
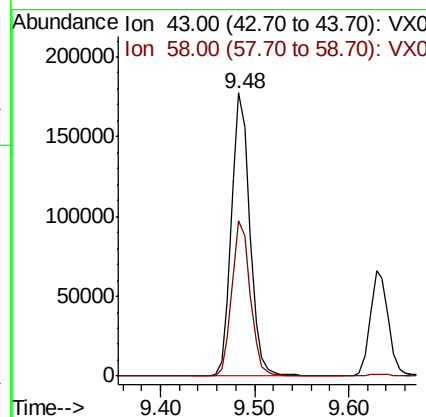
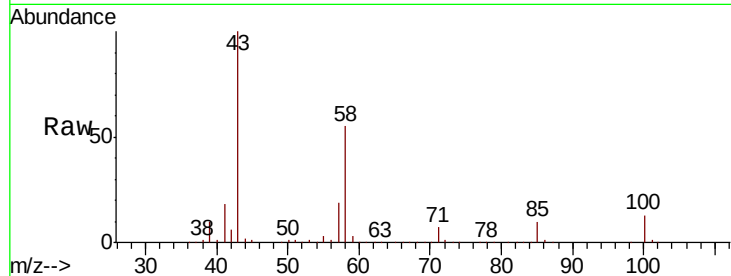
#59
2-Hexanone
Concen: 100.399 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	28.1	84.3

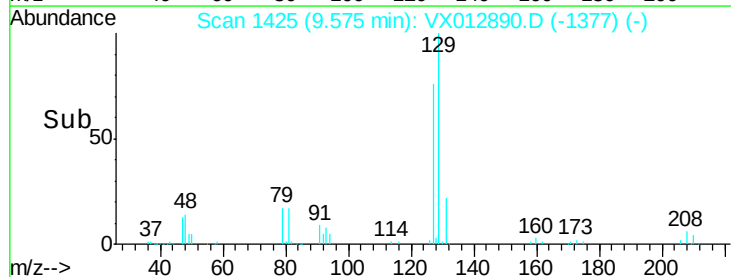
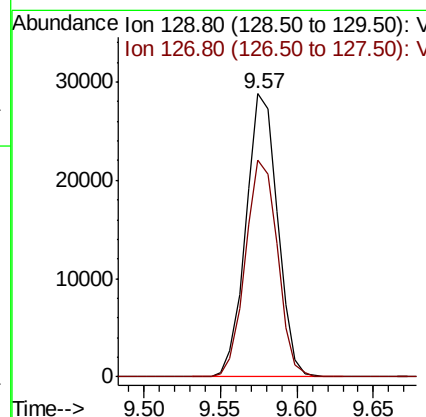
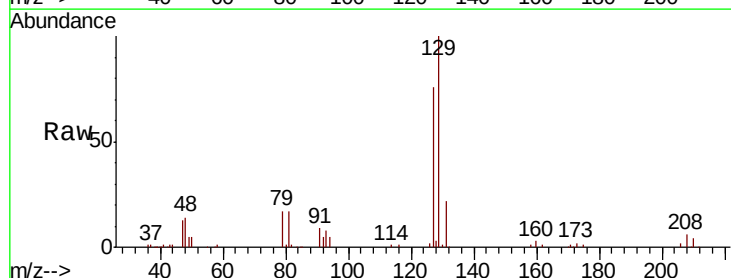
Manual Integrations
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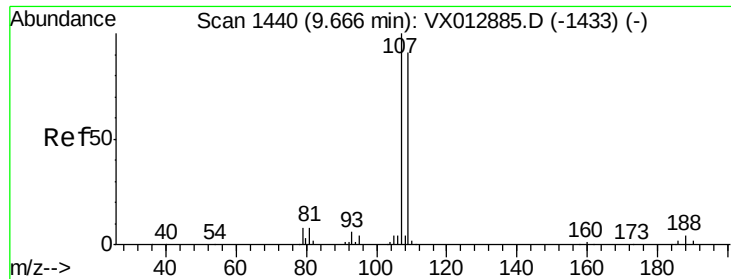
MMDadoda
10/9/2019 10:36:33 AM



#60
Dibromochloromethane
Concen: 19.185 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.9	116.7





#61

1,2-Dibromoethane

Concen: 20.821 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tot Ion: 107 Resp: 45272

Ion Ratio Lower Upper

107 100

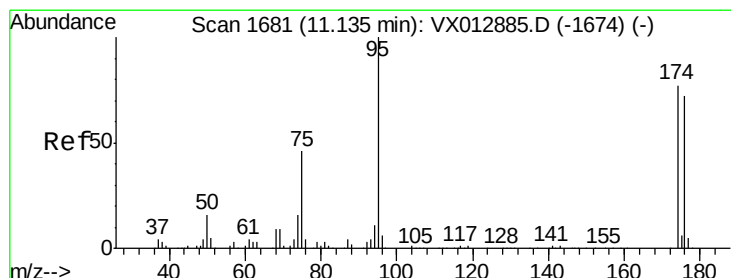
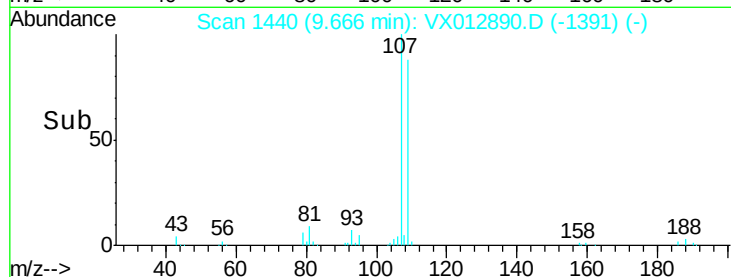
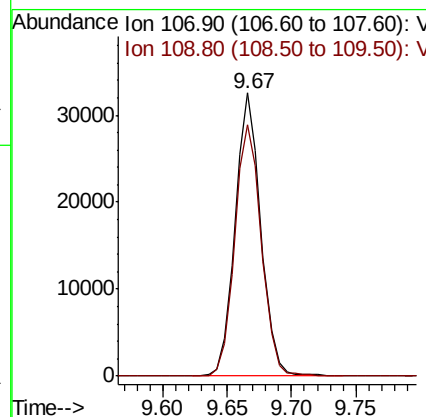
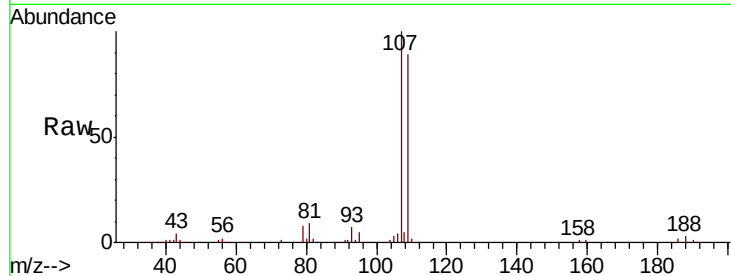
109 91.9 75.8 113.6

Manual Integrations

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MMDadoda

10/9/2019 10:36:33 AM



#62

4-Bromofluorobenzene

Concen: 49.340 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

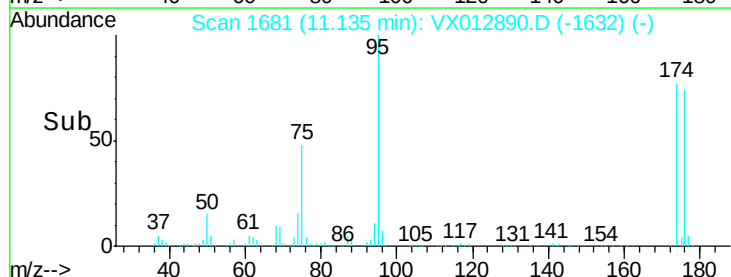
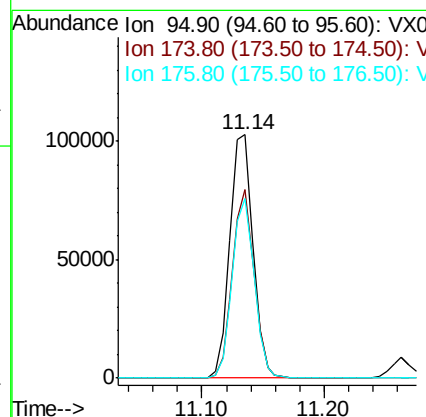
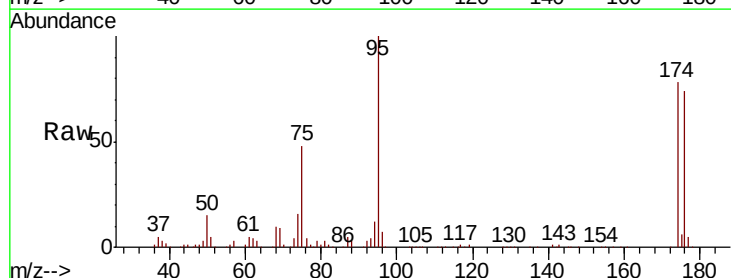
Tgt Ion: 95 Resp: 134924

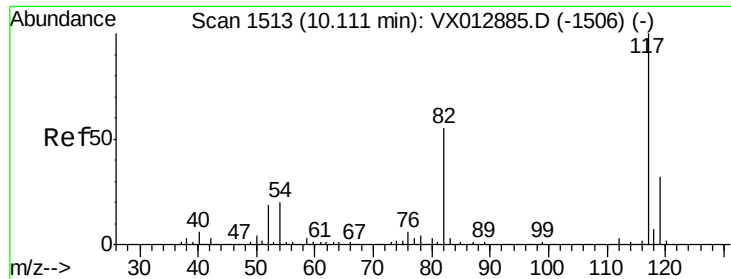
Ion Ratio Lower Upper

95 100

174 72.5 0.0 143.4

176 69.9 0.0 136.0





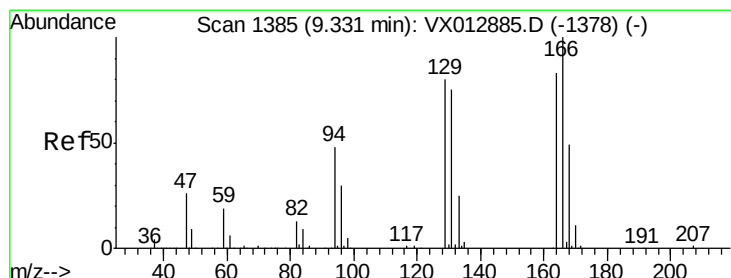
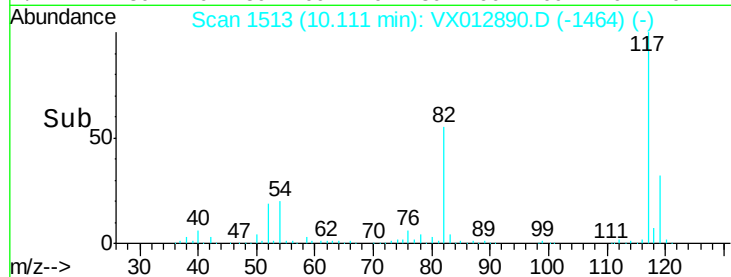
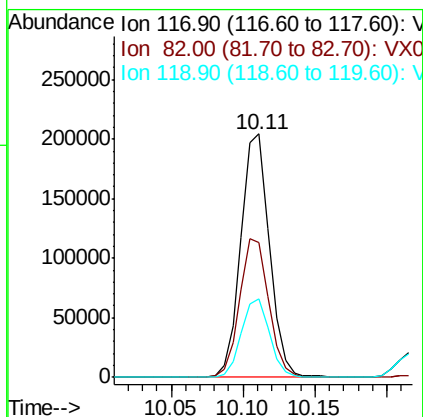
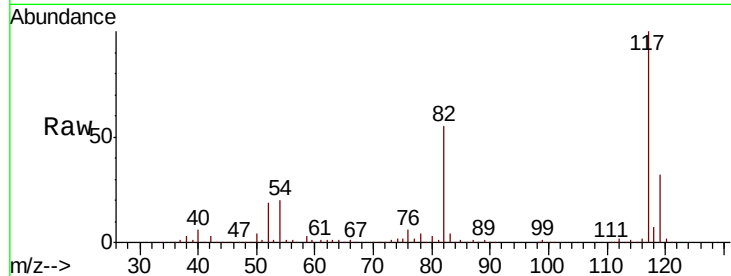
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.1	66.1
119	32.0	25.8	38.8

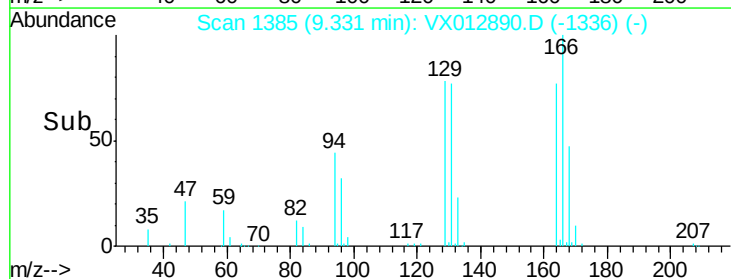
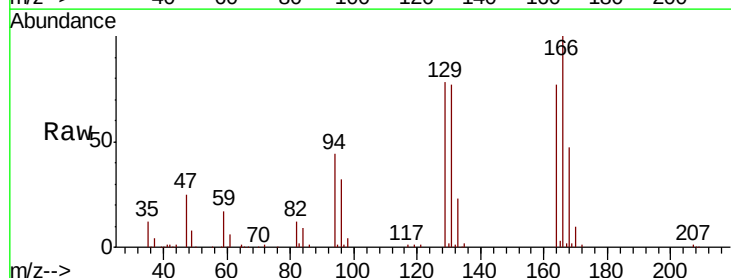
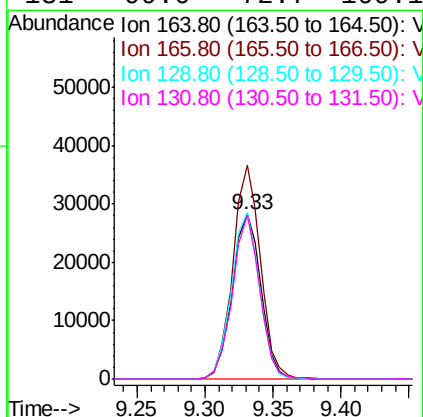
Manual Integrations
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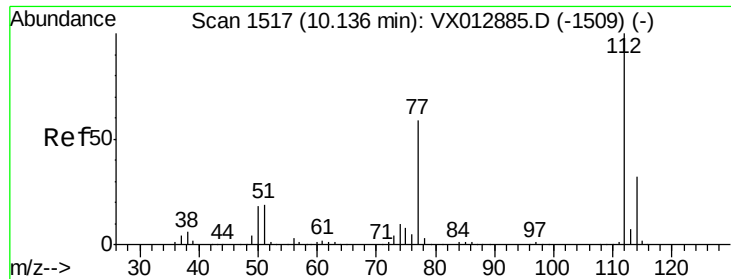
MMDadoda
10/9/2019 10:36:33 AM



#64
Tetrachloroethene
Concen: 21.185 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	96.9	145.3
129	100.7	77.9	116.9
131	99.0	72.7	109.1





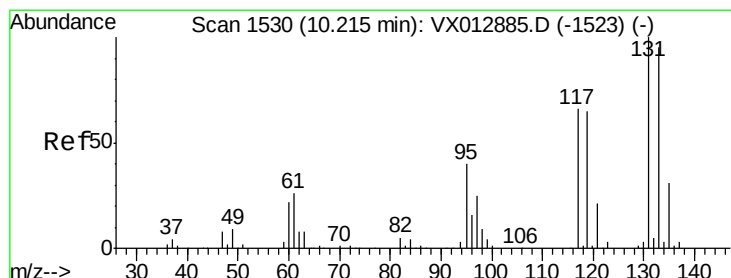
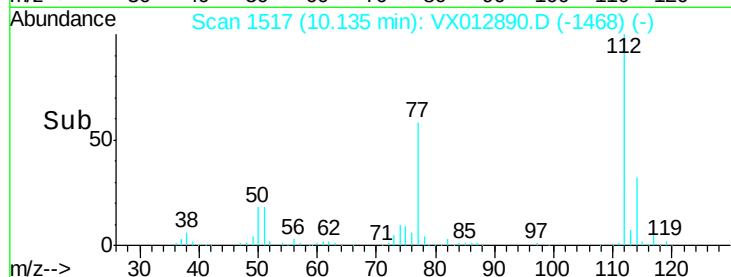
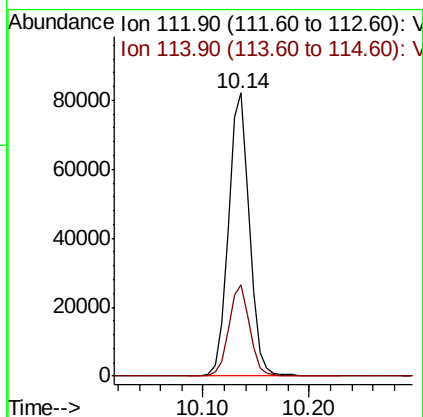
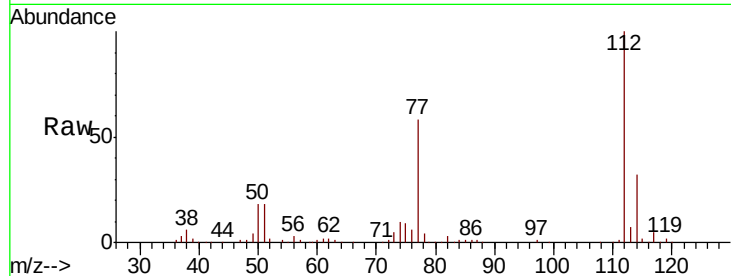
#65
Chlorobenzene
Concen: 20.213 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion:112 Resp: 113134
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

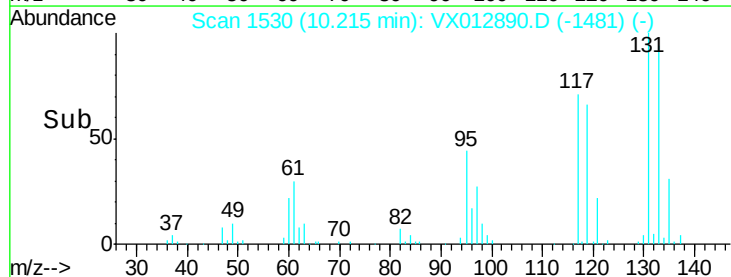
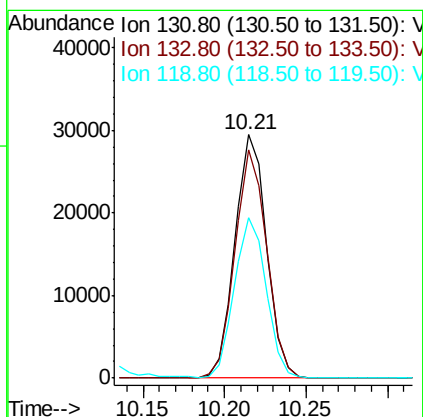
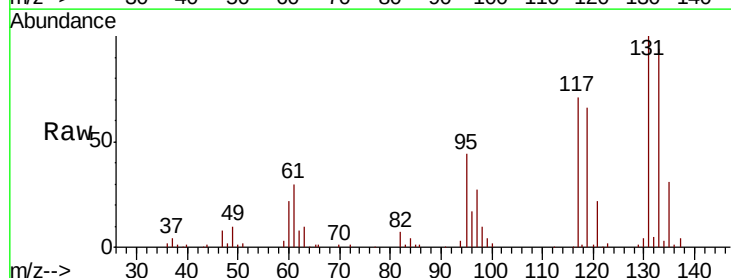
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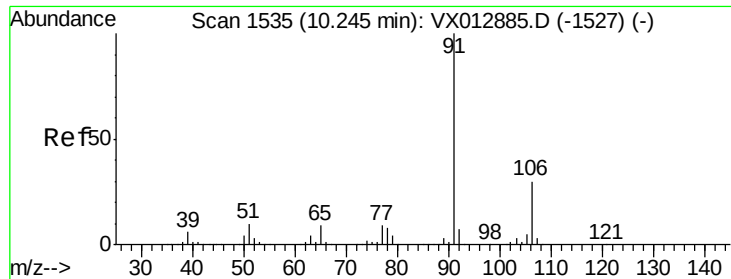
MMDadoda
10/9/2019 10:36:33 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.562 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion:131 Resp: 39904
Ion Ratio Lower Upper
131 100
133 94.1 47.2 141.6
119 66.6 32.6 98.0





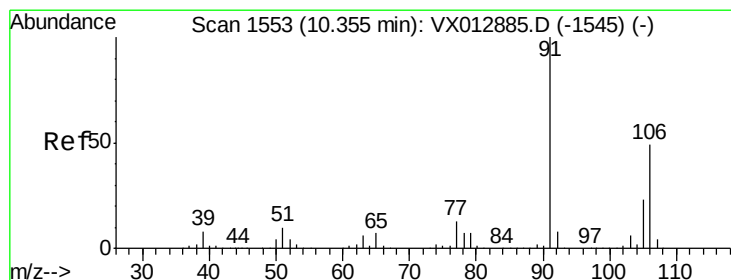
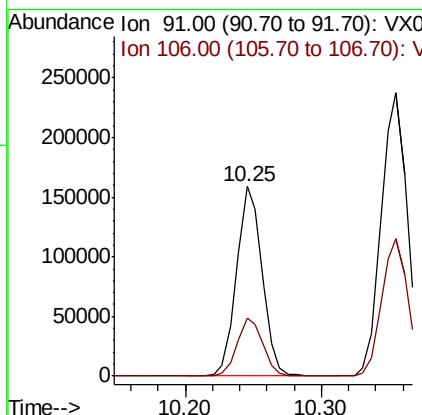
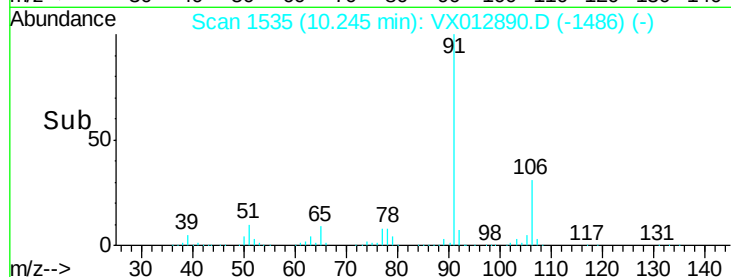
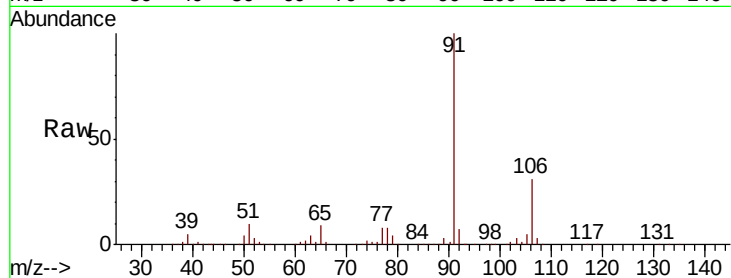
#67
Ethyl Benzene
Concen: 20.917 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion: 91 Resp: 207959
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9

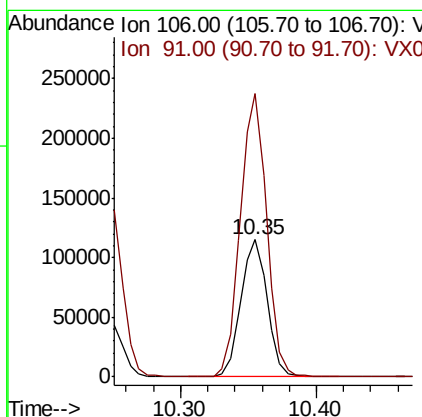
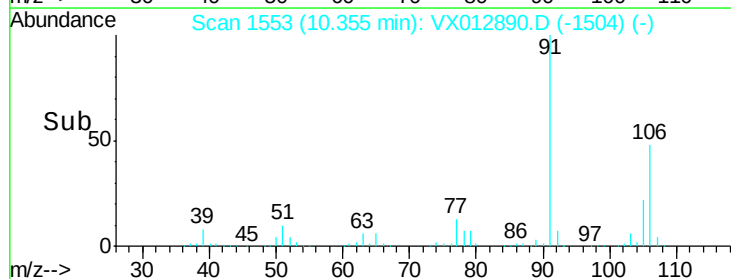
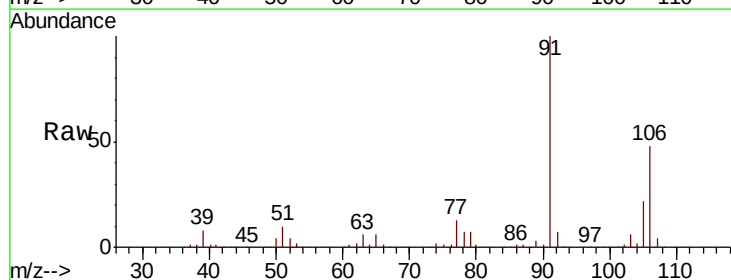
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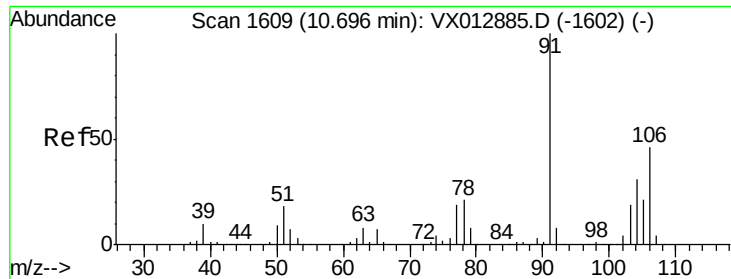
MMDadoda
10/9/2019 10:36:33 AM



#68
m/p-Xylenes
Concen: 41.841 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion: 106 Resp: 155406
Ion Ratio Lower Upper
106 100
91 205.9 165.3 247.9





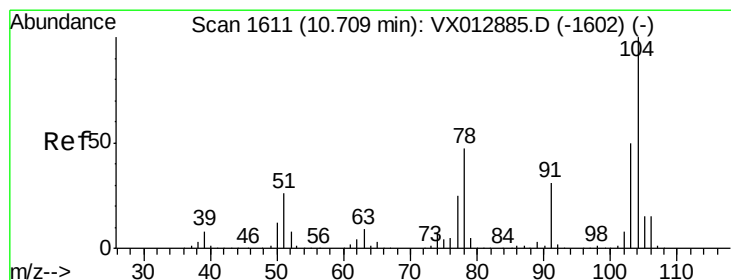
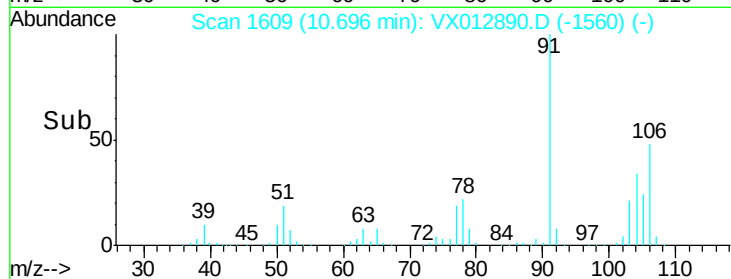
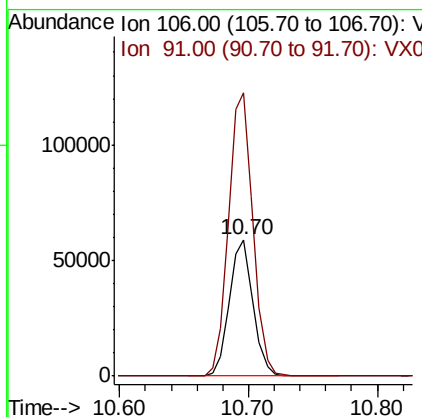
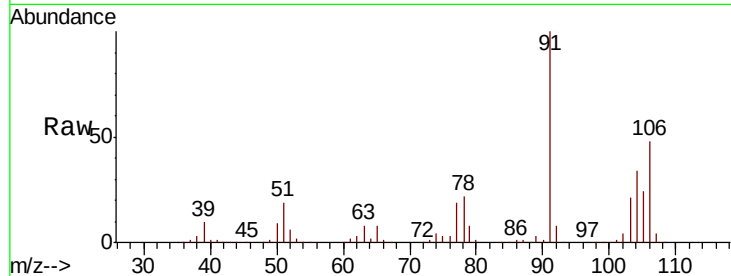
#69
o-Xylene
Concen: 20.987 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampled :
VX1008WBS01

Tot Ion:106 Resp: 76013
Ion Ratio Lower Upper
106 100
91 214.4 109.1 327.3

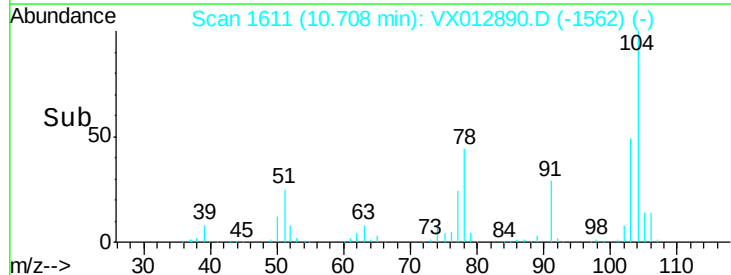
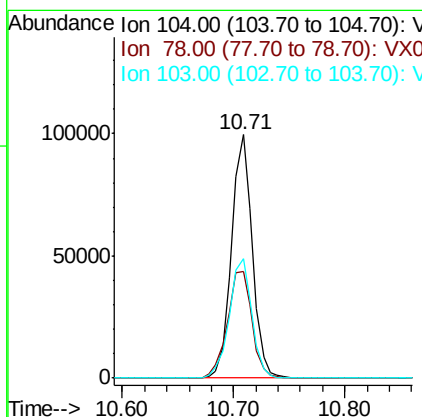
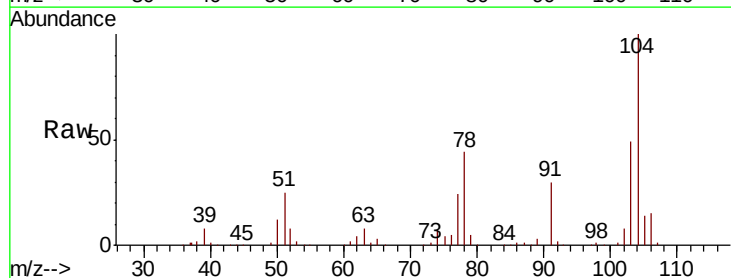
Manual Integrations
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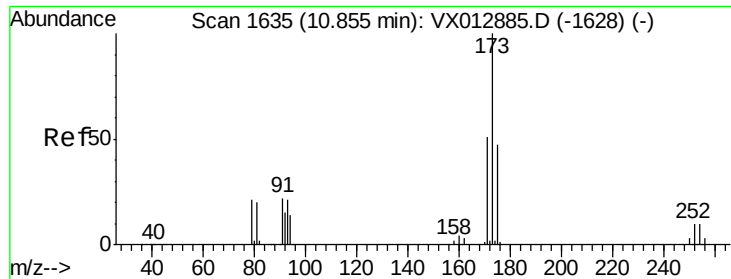
MMDadoda
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#70
Styrene
Concen: 20.917 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion:104 Resp: 128797
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 53.1 43.0 64.4





#71

Bromoform

Concen: 18.569 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tot Ion:173 Resp: 27226

Ion Ratio Lower Upper

173 100

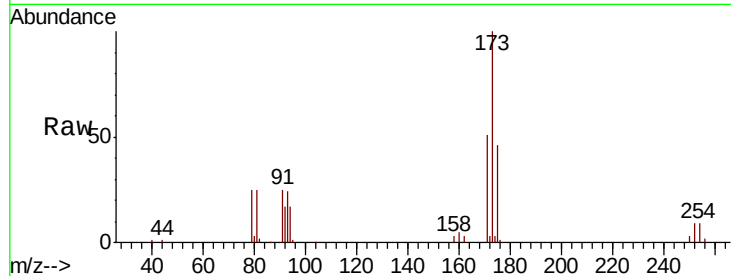
175 47.9 24.1 72.3

254 0.0 0.1 0.1#

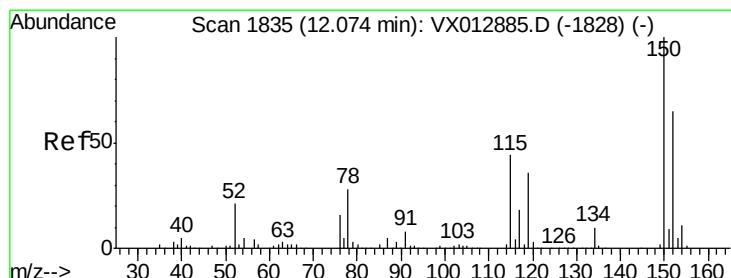
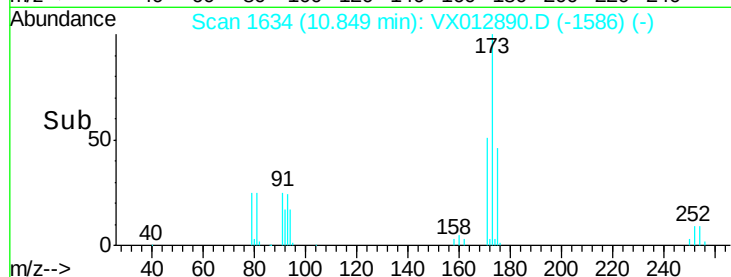
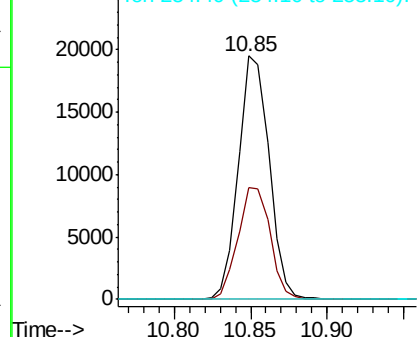
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

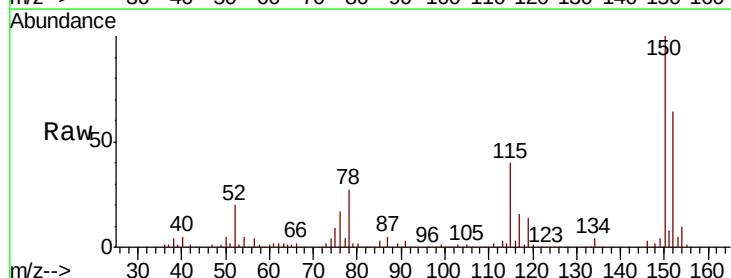
Tgt Ion:152 Resp: 128133

Ion Ratio Lower Upper

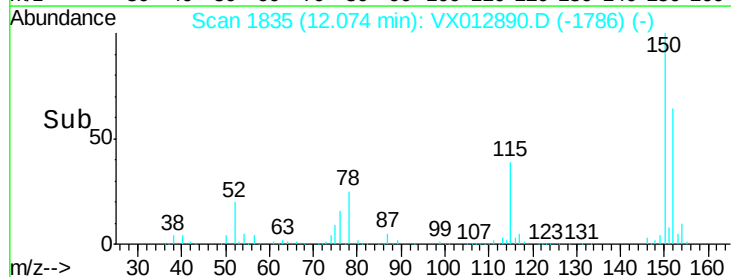
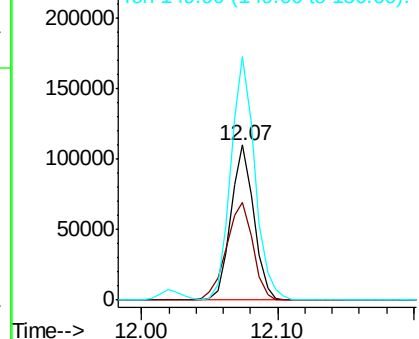
152 100

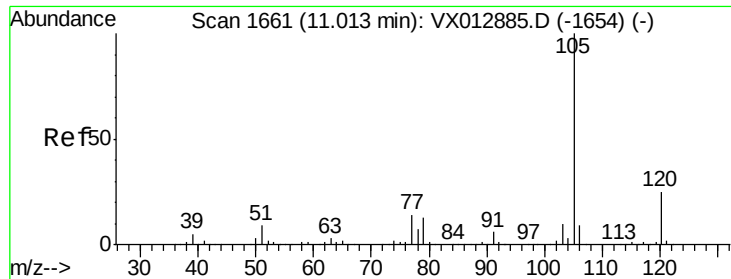
115 73.3 44.5 133.5

150 165.1 0.0 353.4



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





#73

Isopropylbenzene

Concen: 21.368 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tot Ion: 105 Resp: 201302

Ion Ratio Lower Upper

105 100

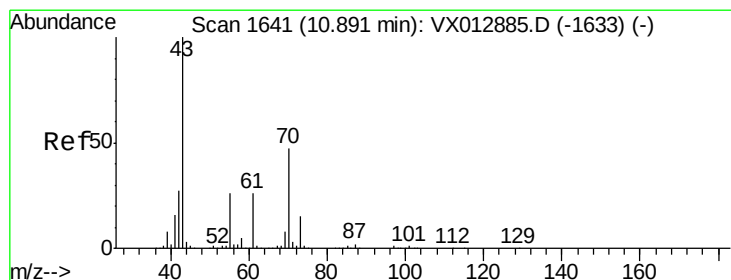
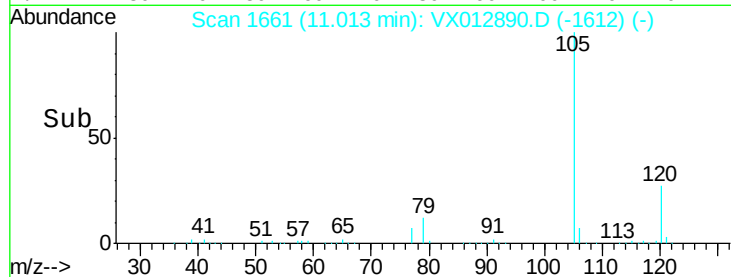
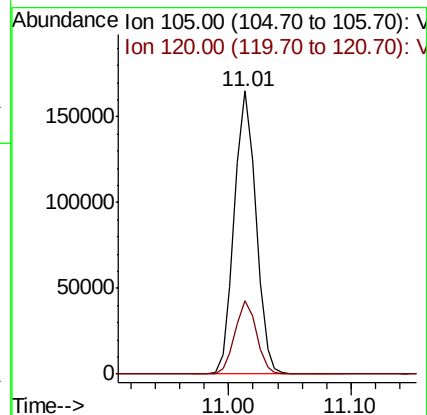
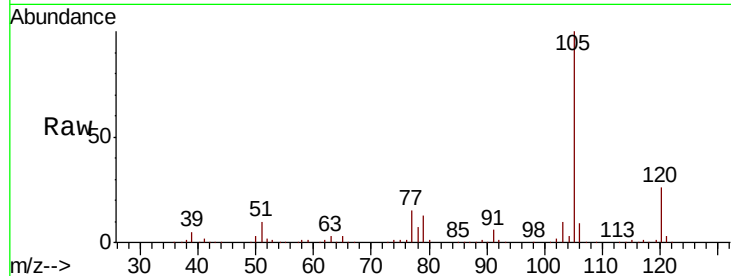
120 25.7 13.0 39.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.662 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Tgt Ion: 43 Resp: 83831

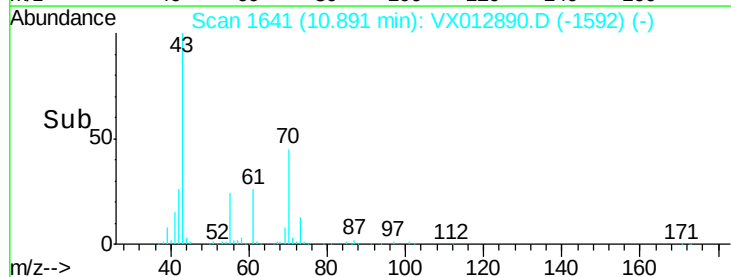
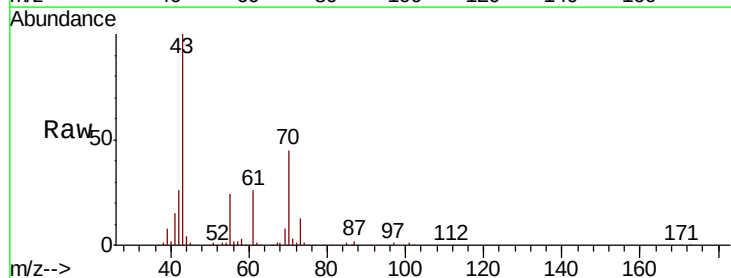
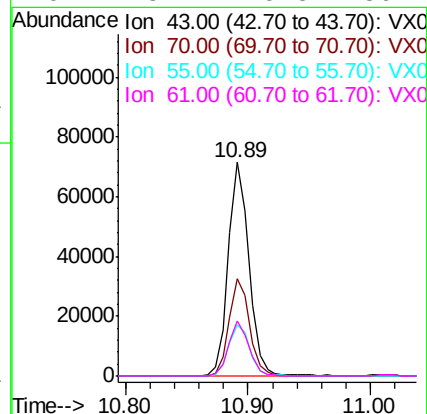
Ion Ratio Lower Upper

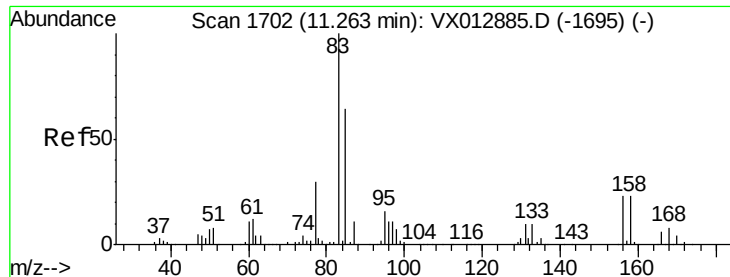
43 100

70 45.1 36.4 54.6

55 25.1 20.2 30.2

61 25.4 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.270 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

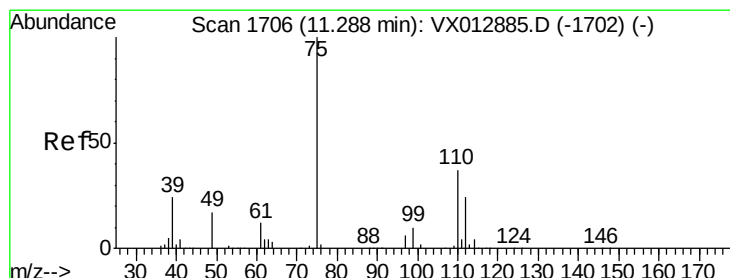
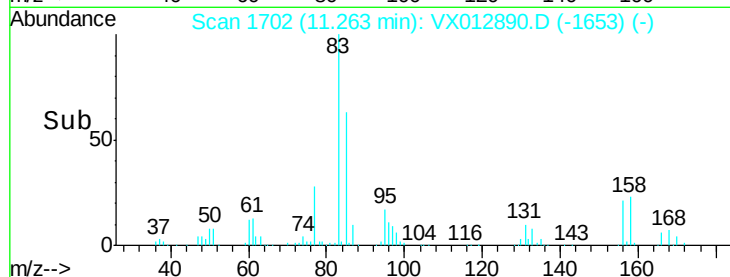
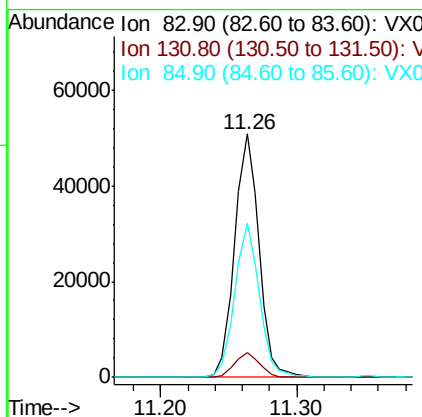
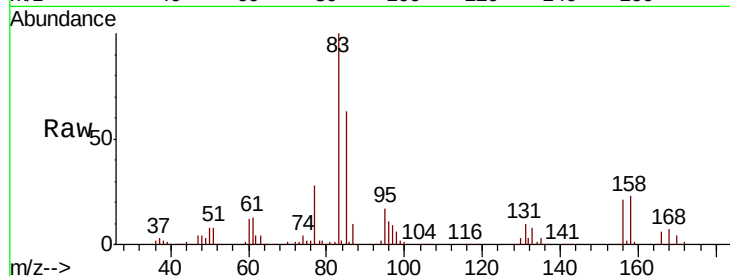
ClientSampled :

VX1008WBS01

Tot Ion:	83	Resp:	63512
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	64.4	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.081 ug/l m

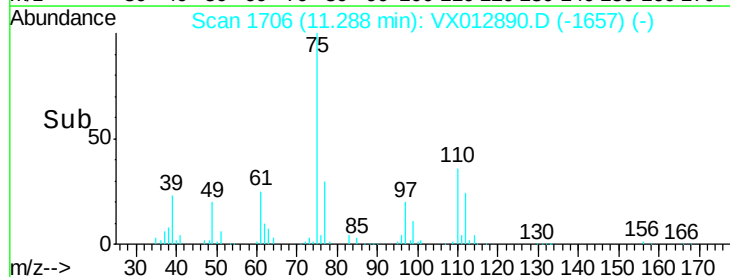
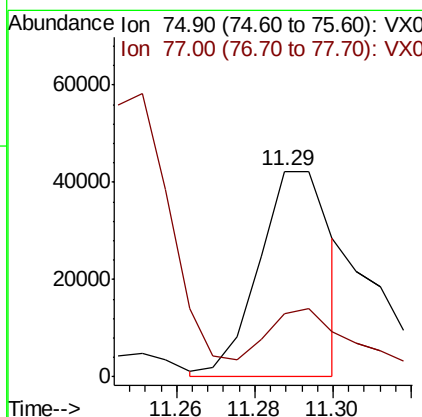
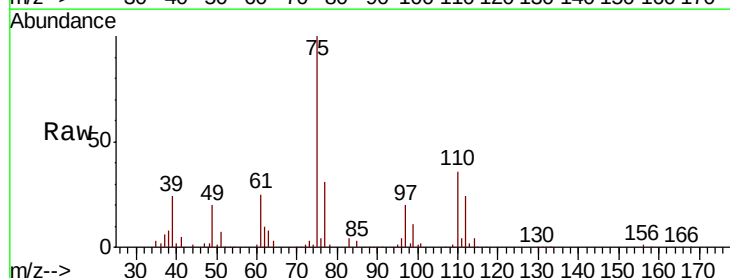
RT: 11.29 min Scan# 1706

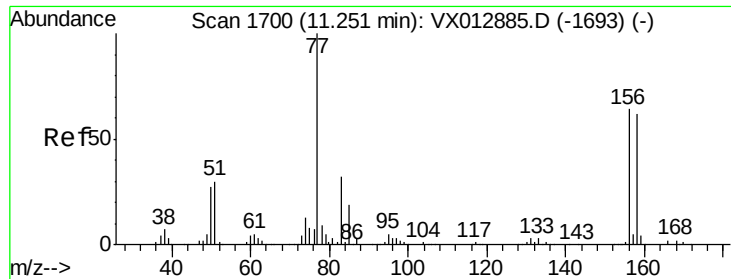
Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Tgt Ion:	75	Resp:	54229
Ion Ratio	Lower	Upper	
75	100		
77	41.2	22.9	68.8





#77

Bromobenzene

Concen: 21.108 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

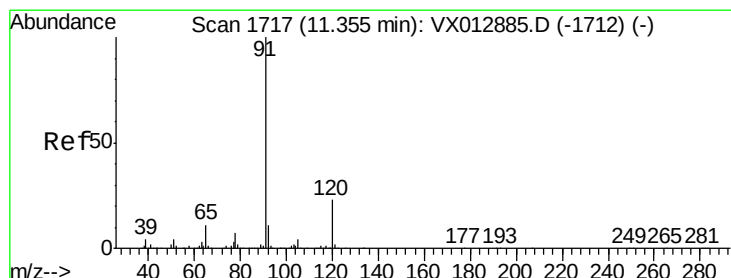
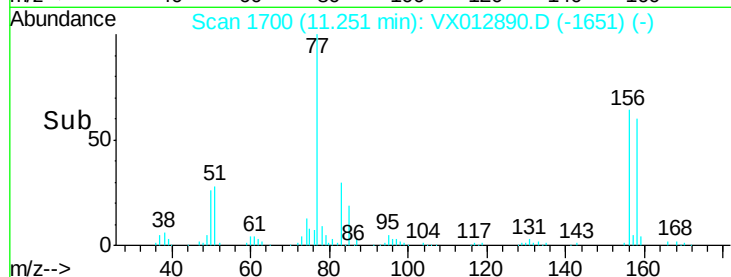
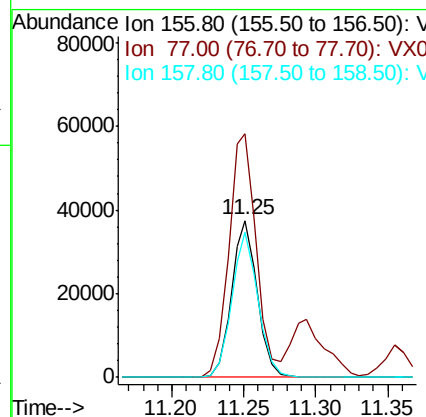
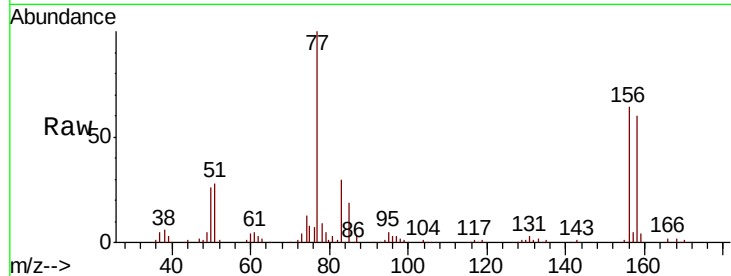
ClientSampleId :

VX1008WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	166.8	83.7	251.0
158	94.4	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 20.967 ug/l

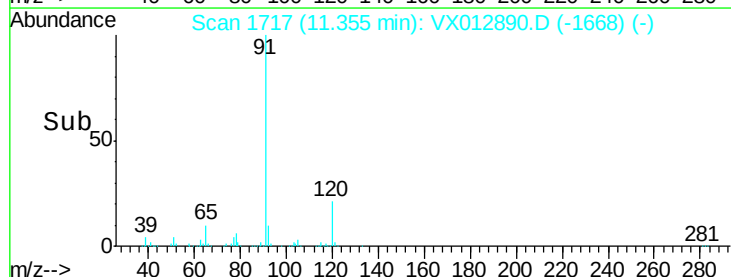
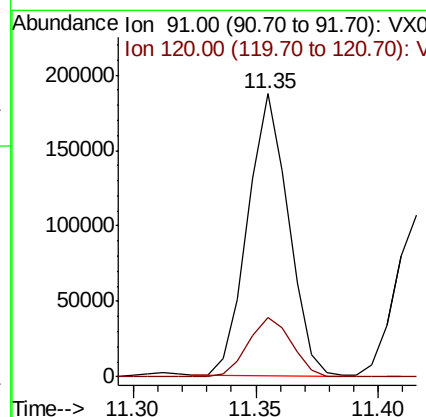
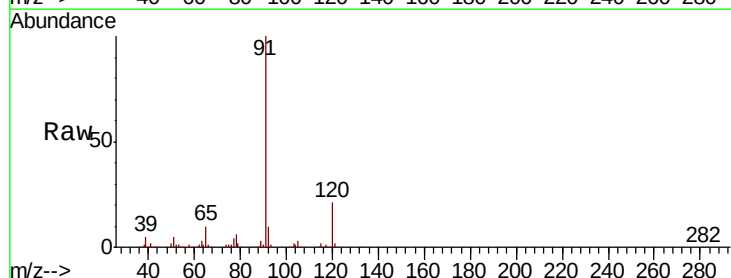
RT: 11.35 min Scan# 1717

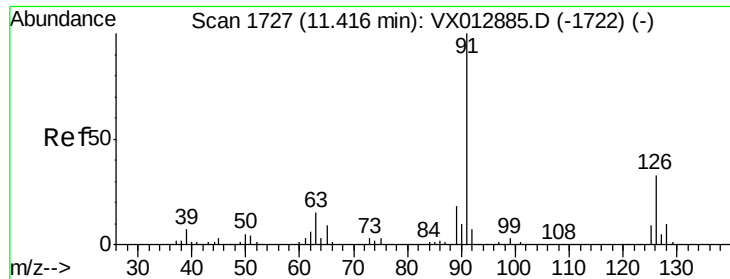
Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.7	35.1





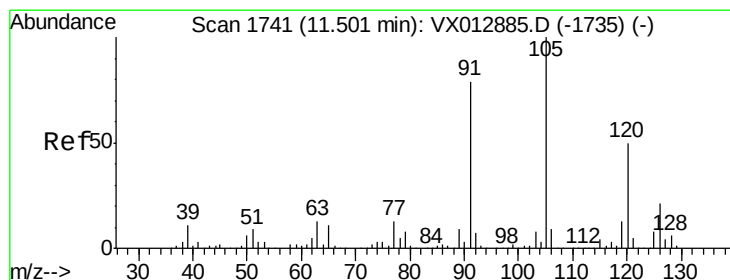
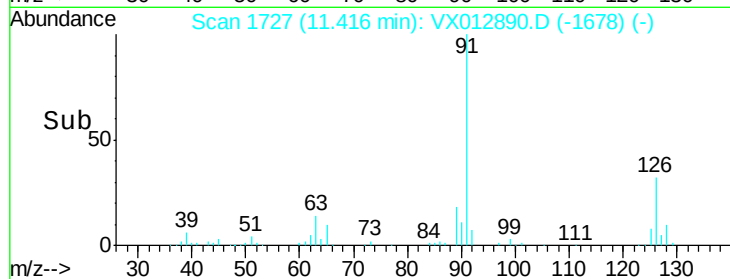
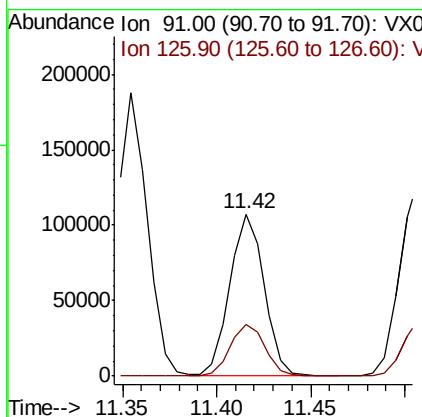
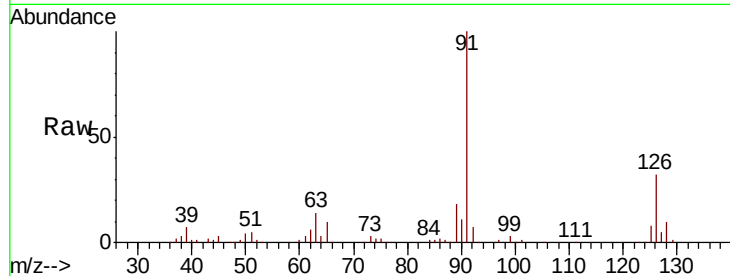
#79
 2-Chlorotoluene
 Concen: 20.699 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tot Ion: 91 Resp: 134851
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.8

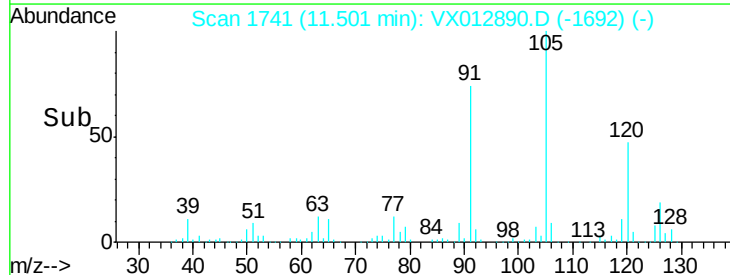
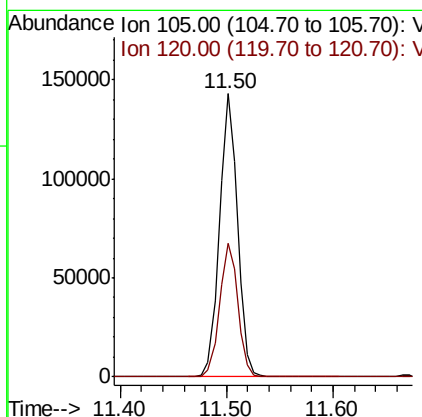
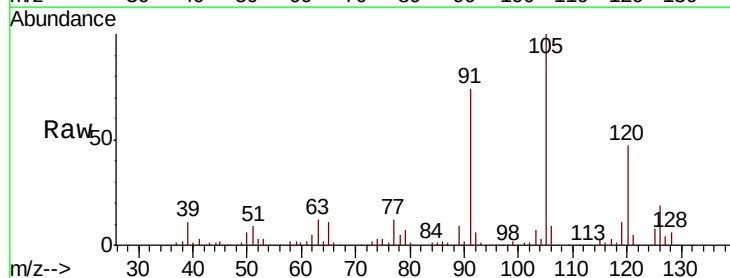
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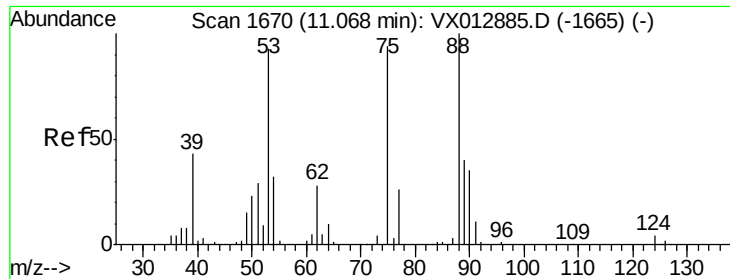
MMDadoda
 10/9/2019 10:36:33 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.372 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion: 105 Resp: 168116
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.912 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tot Ion: 75 Resp: 19049

Ion Ratio Lower Upper

75 100

53 103.7 78.5 117.7

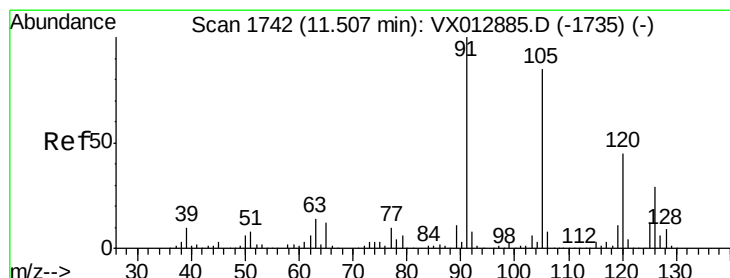
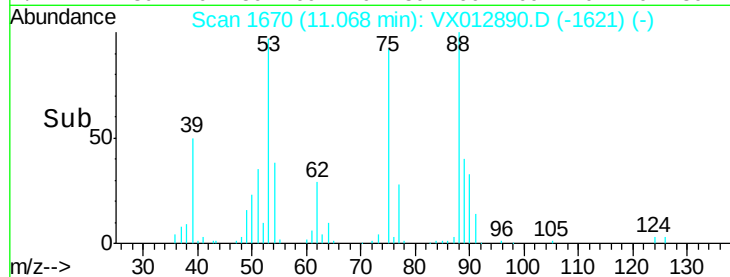
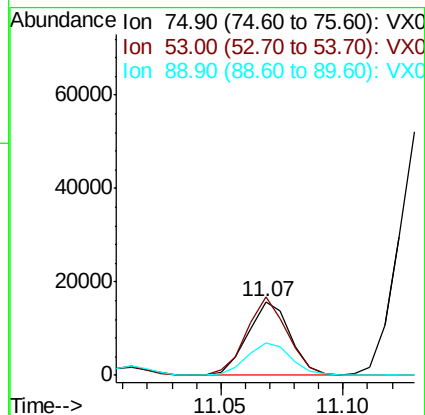
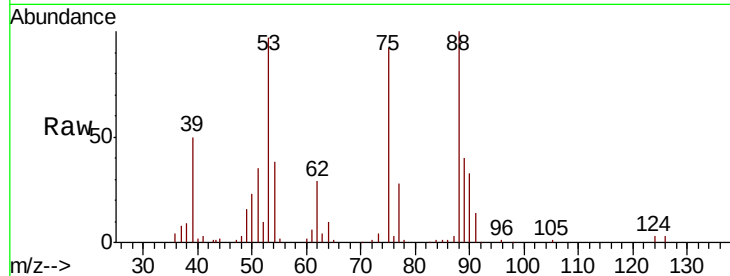
89 46.4 37.4 56.2

Manual Integrations

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#82

4-Chlorotoluene

Concen: 21.099 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012890.D

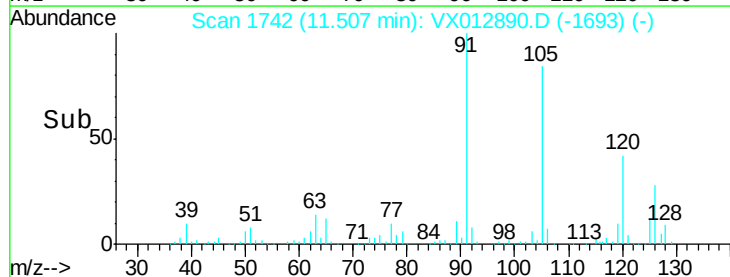
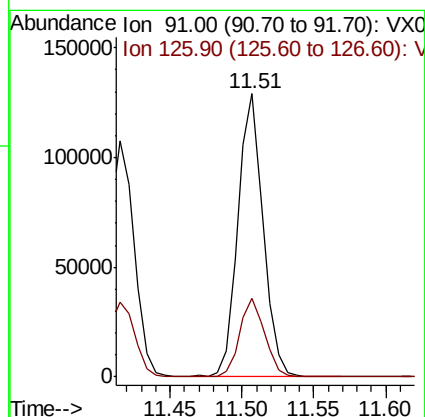
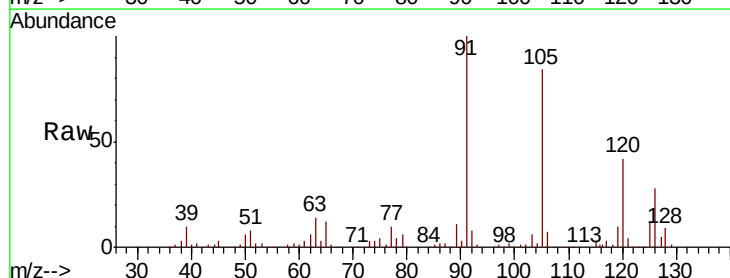
Acq: 08 Oct 2019 15:30

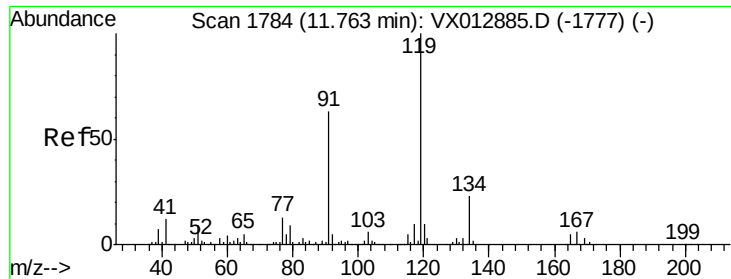
Tgt Ion: 91 Resp: 157552

Ion Ratio Lower Upper

91 100

126 27.5 14.2 42.6





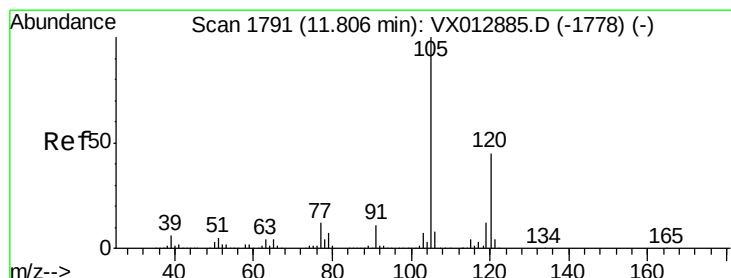
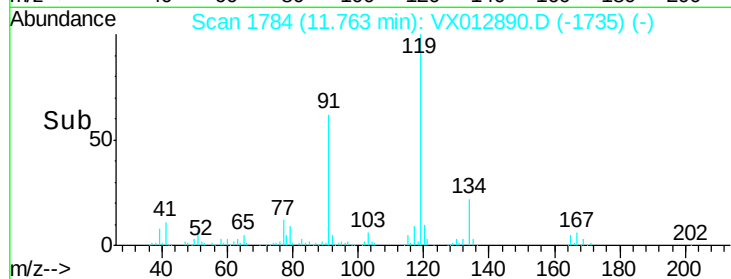
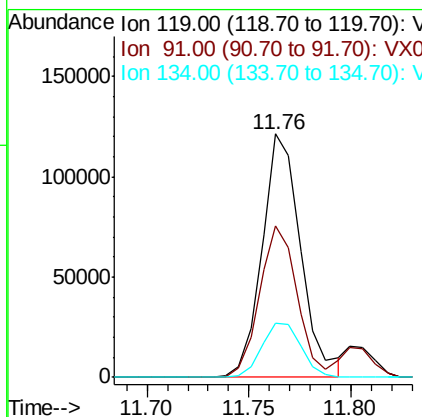
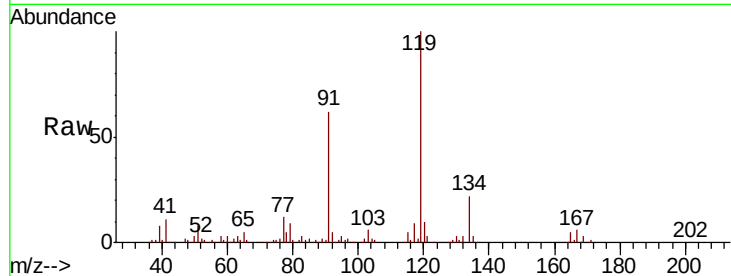
#83
 tert-Butylbenzene
 Concen: 20.841 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	159925		
91	60.6	29.3	87.9	
134	22.8	11.5	34.4	

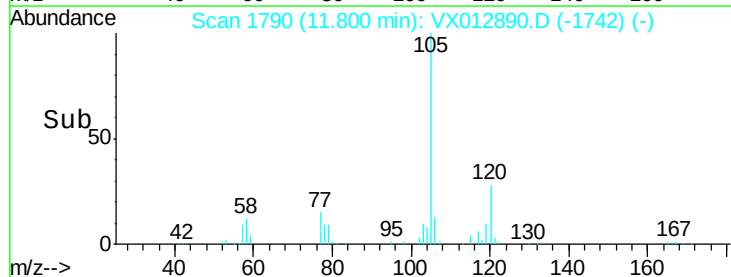
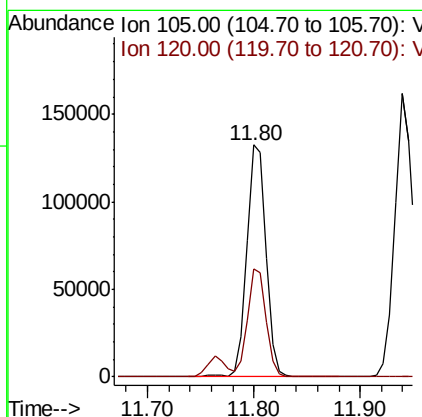
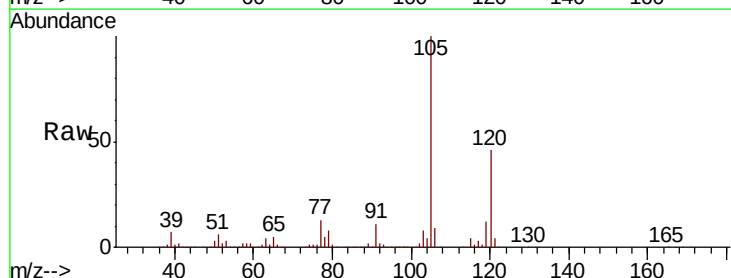
Manual Integrations
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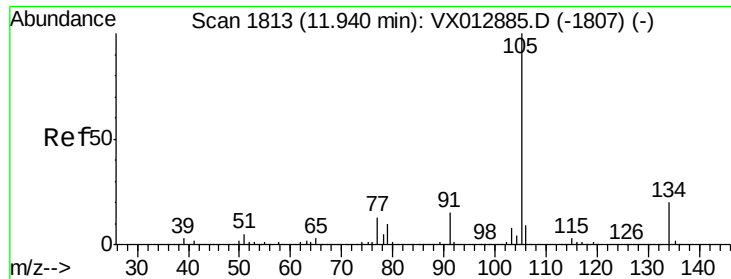
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.075 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167902		
120	44.7	21.8	65.3	





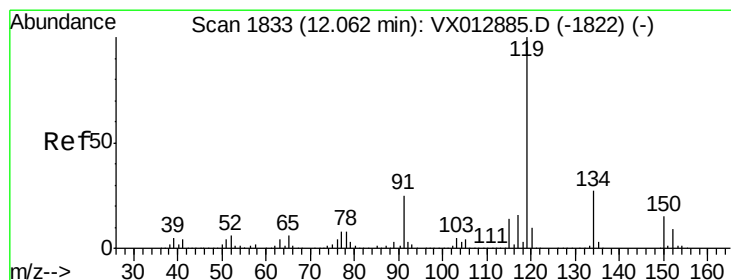
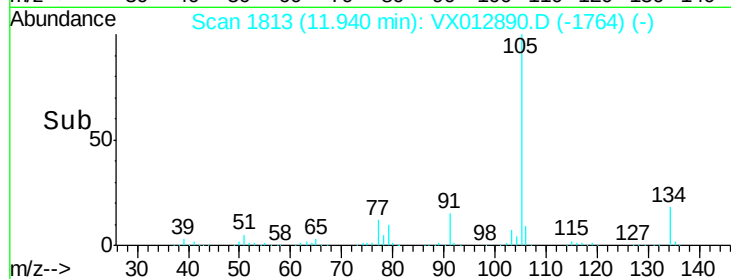
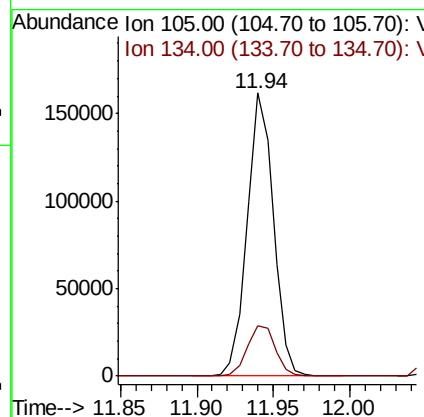
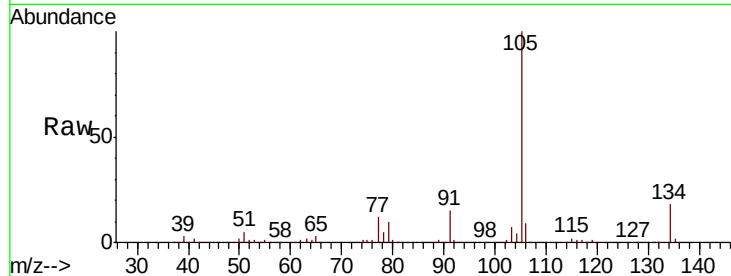
#85
 sec-Butylbenzene
 Concen: 21.645 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tot Ion:105 Resp: 192422
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.0 30.0

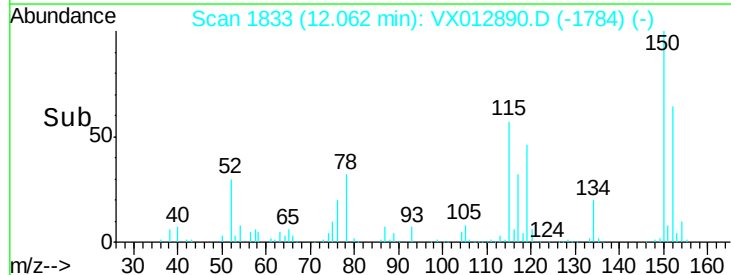
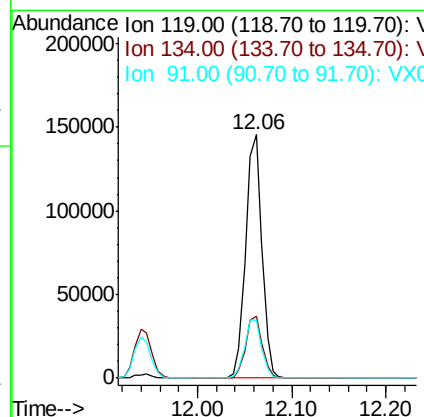
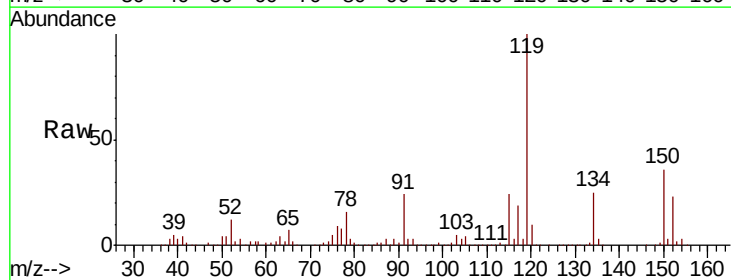
Manual Integrations
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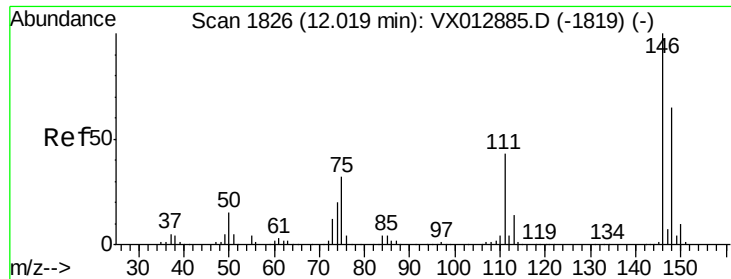
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#86
 p-Isopropyltoluene
 Concen: 21.227 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion:119 Resp: 175014
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.120 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Instrument :

MSVOA_X

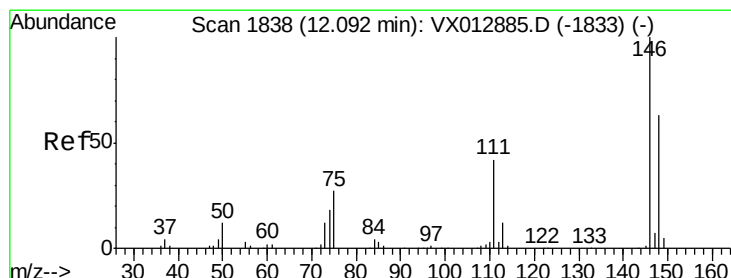
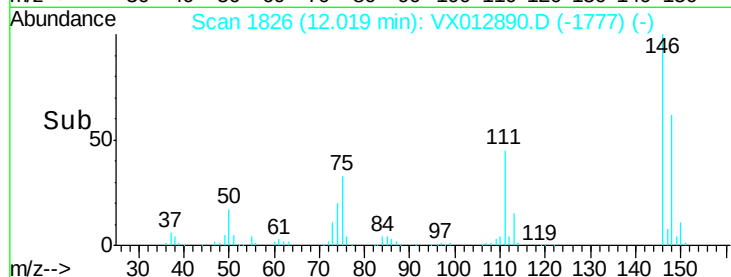
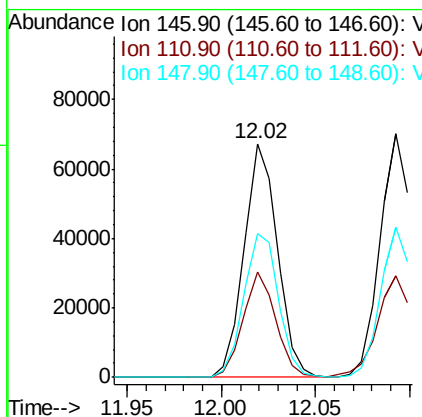
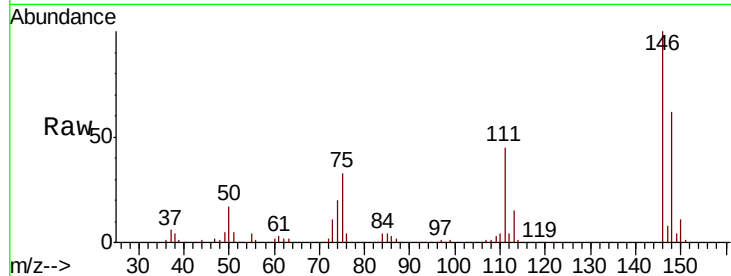
ClientSampleId :

VX1008WBS01

Tot Ion:	146	Resp:	82942
Ion Ratio	Lower	Upper	
146	100		
111	44.1	21.1	63.4
148	63.9	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.202 ug/l

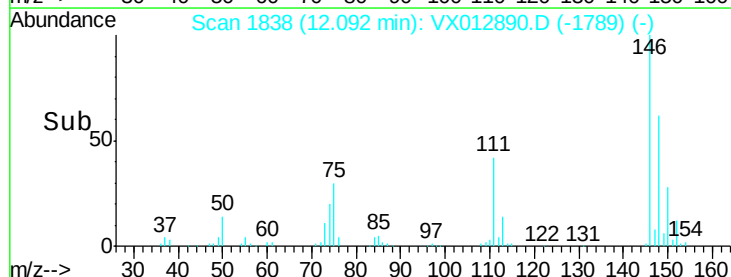
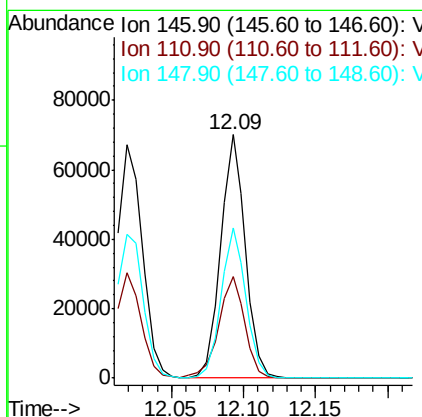
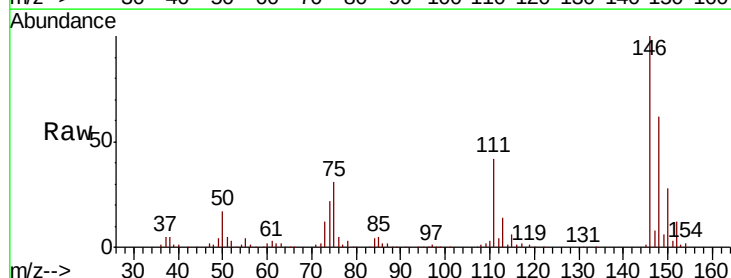
RT: 12.09 min Scan# 1838

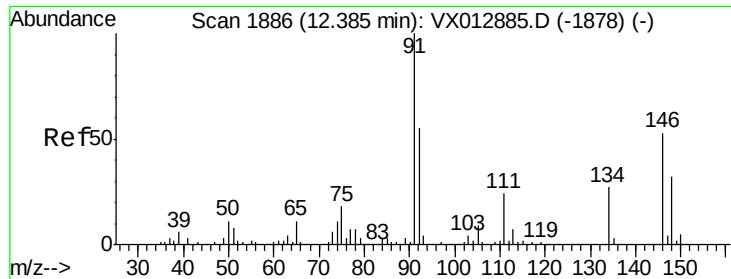
Delta R.T. -0.00 min

Lab File: VX012890.D

Acq: 08 Oct 2019 15:30

Tgt Ion:	146	Resp:	84345
Ion Ratio	Lower	Upper	
146	100		
111	44.2	21.4	64.3
148	62.2	32.1	96.5





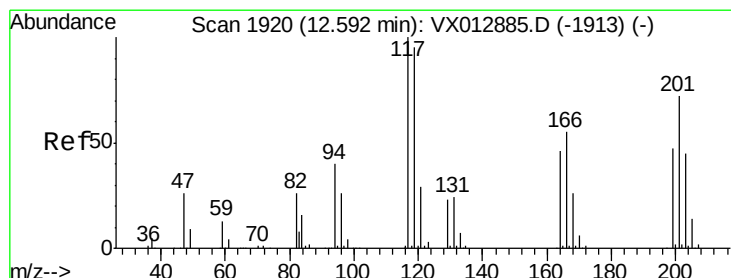
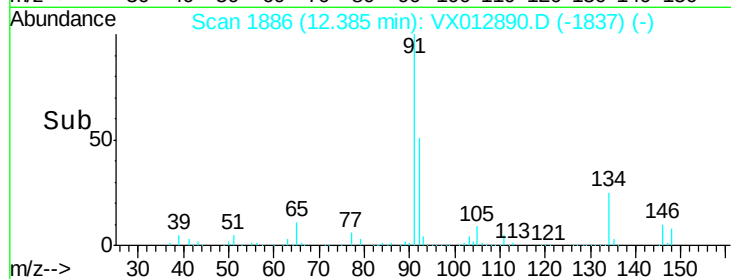
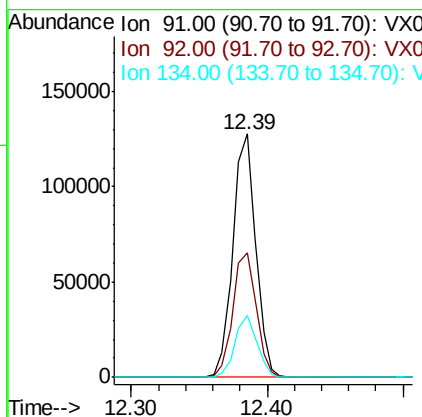
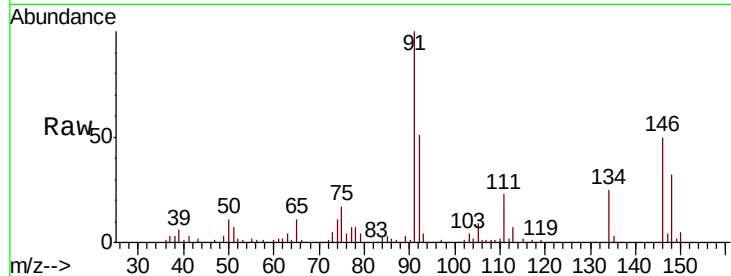
#89
n-Butylbenzene
Concen: 21.591 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	149612		
92	52.6	27.5	82.5	
134	24.9	12.9	38.7	

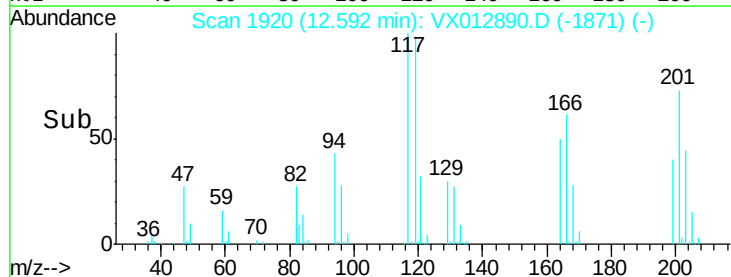
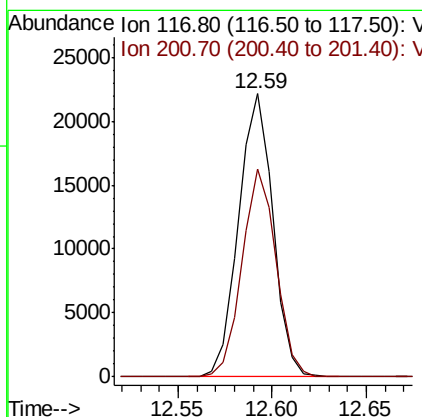
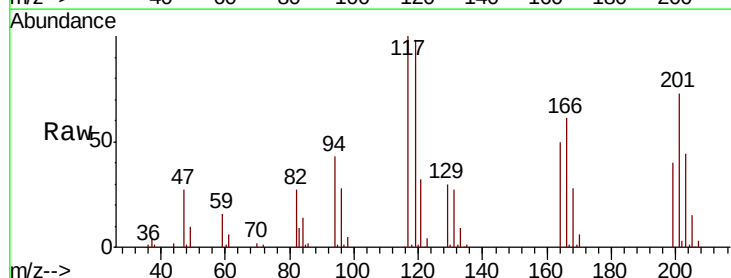
Manual Integrations
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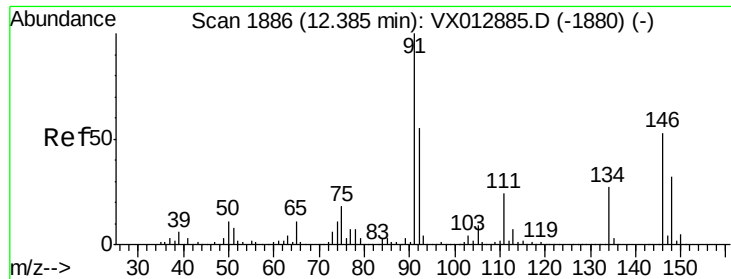
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#90
Hexachloroethane
Concen: 19.619 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27907		
201	73.1	36.9	110.7	





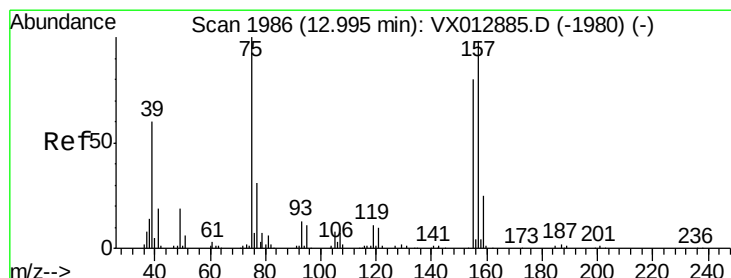
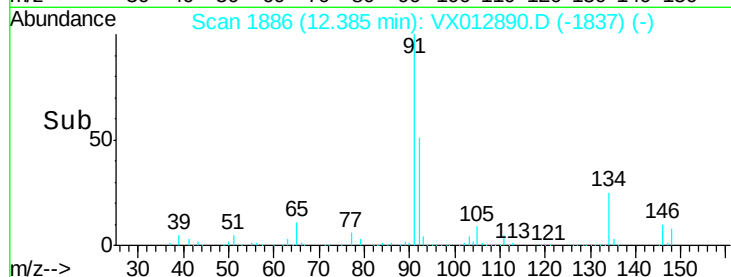
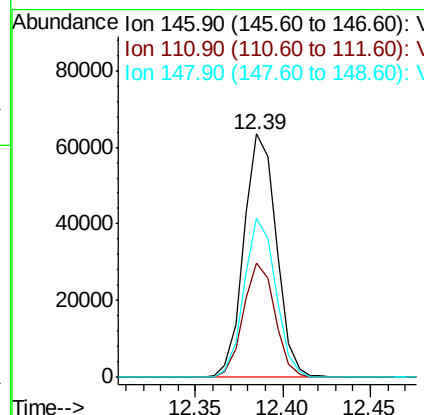
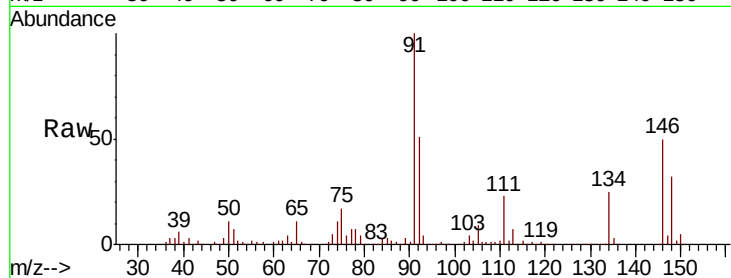
#91
1,2-Dichlorobenzene
Concen: 20.323 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.7	68.0
148	63.5	31.6	94.7

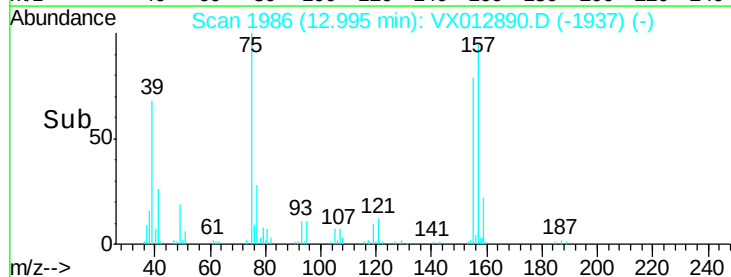
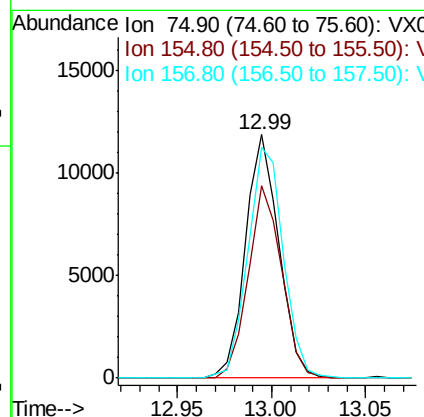
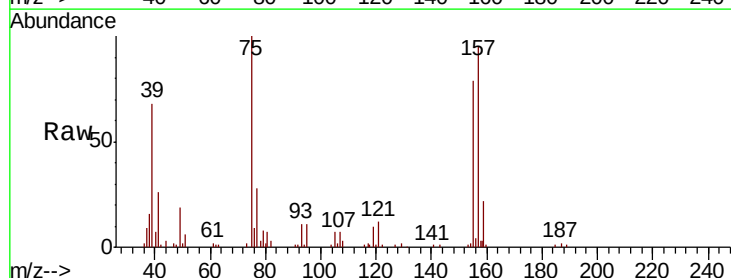
Manual Integrations
APPROVED

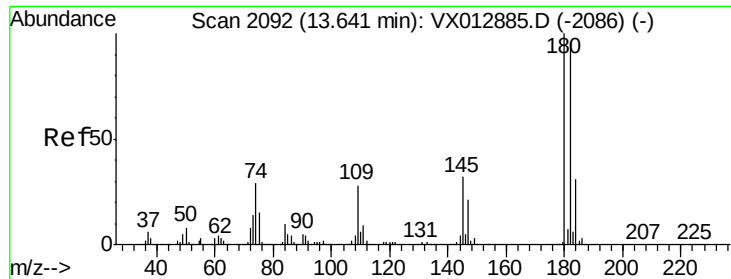
MMDadoda
10/9/2019 10:36:33 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.853 ug/l
RT: 12.99 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	43.0	128.8
157	100.8	54.1	162.3





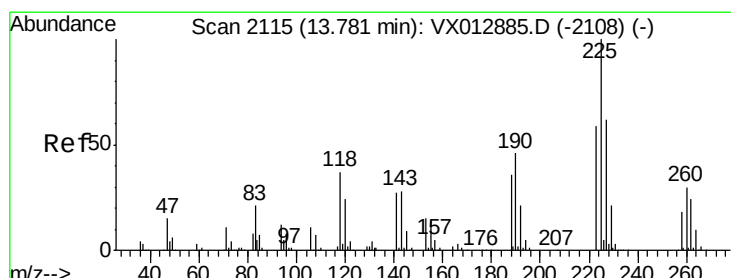
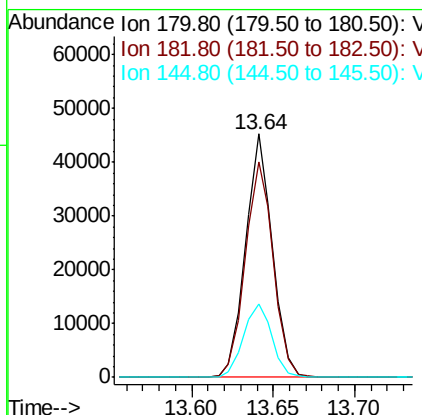
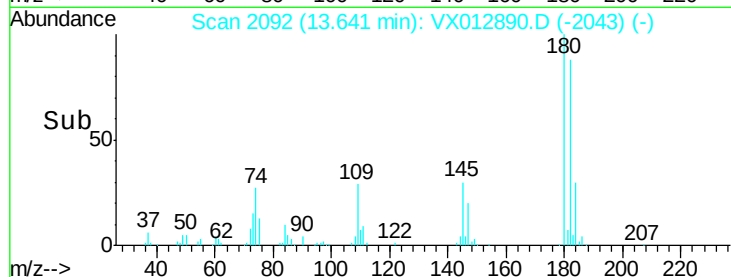
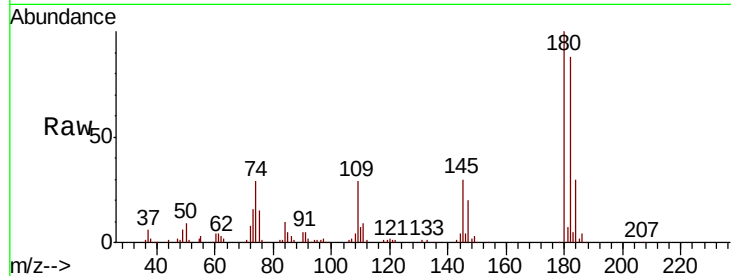
#93
 1,2,4-Trichlorobenzene
 Concen: 20.385 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	51609		
182	92.9	46.8	140.4	
145	32.2	16.2	48.6	

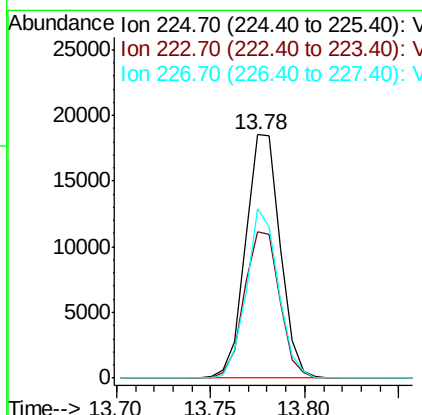
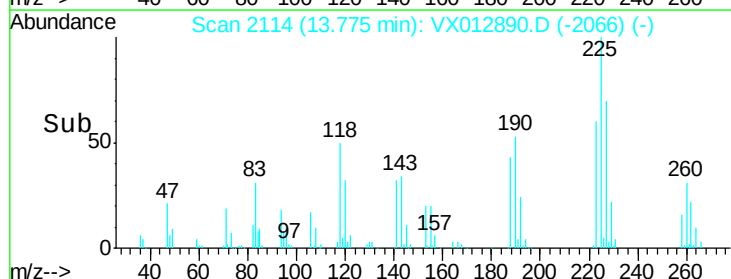
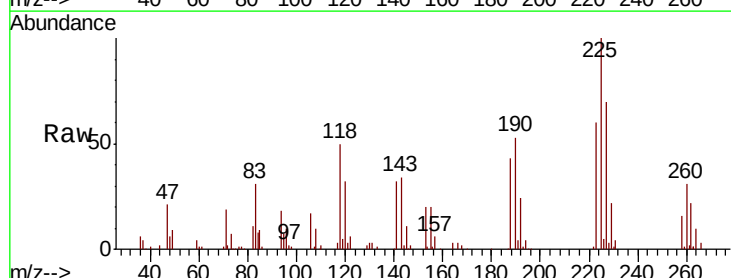
Manual Integrations
 APPROVED

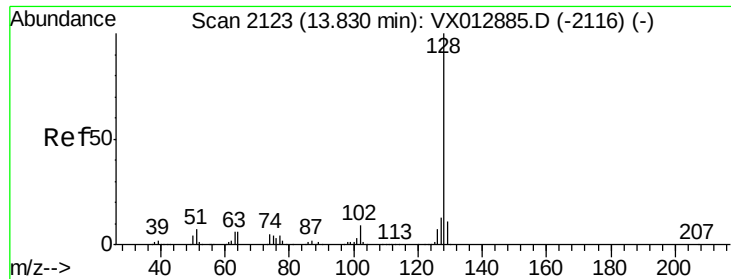
MMDadoda
 10/9/2019 10:36:33 AM



#94
 Hexachlorobutadiene
 Concen: 20.154 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012890.D
 Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23547		
223	61.1	31.1	93.2	
227	64.3	32.3	96.9	





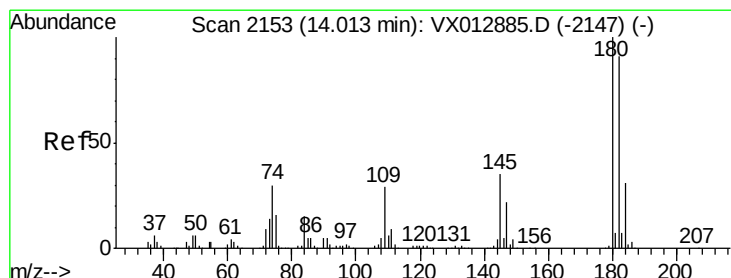
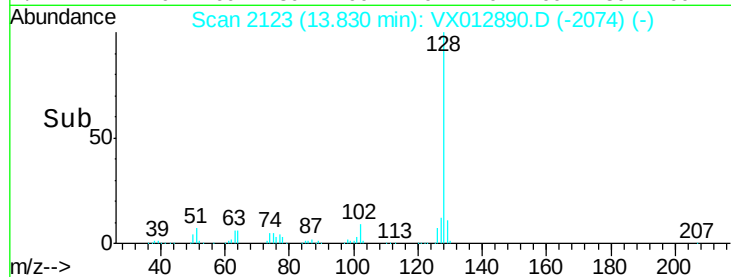
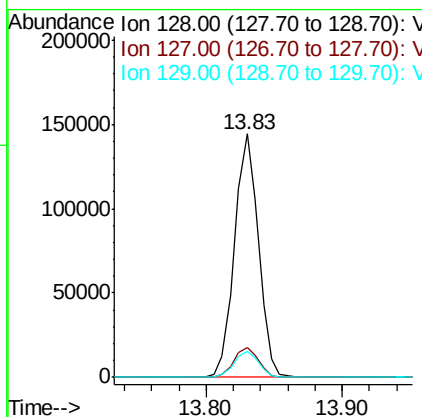
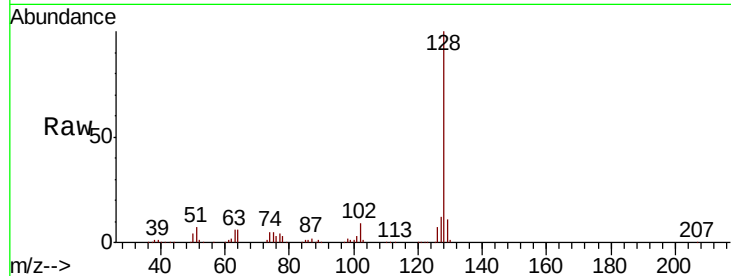
#95
Naphthalene
Concen: 20.136 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	176711		
127	12.8	10.2	15.4	
129	10.9	8.8	13.2	

Manual Integrations
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10/9/2019 10:36:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.598 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012890.D
Acq: 08 Oct 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	51273		
182	96.9	47.5	142.5	
145	35.7	17.4	52.3	

